

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023614.D
 Acq On : 29 Oct 2025 10:37
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 03:14:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	459750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	680668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	598909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	321575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183542	47.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.640	113	206103	49.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.560%
50) Toluene-d8	10.103	98	748766	48.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.402	95	246985	48.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69001	20.851	ug/l	96
3) Chloromethane	2.074	50	93057	20.642	ug/l	100
4) Vinyl Chloride	2.208	62	120856	20.583	ug/l	99
5) Bromomethane	2.592	94	106818	21.678	ug/l	100
6) Chloroethane	2.739	64	88356	22.076	ug/l	99
7) Trichlorofluoromethane	3.056	101	174057	21.350	ug/l	100
8) Diethyl Ether	3.458	74	45493	21.355	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	97080	22.947	ug/l	99
10) Methyl Iodide	4.001	142	101496	21.550	ug/l	99
11) Tert butyl alcohol	4.854	59	30056	105.088	ug/l	97
12) 1,1-Dichloroethene	3.793	96	88295	21.530	ug/l	92
13) Acrolein	3.653	56	18005	44.552	ug/l	99
14) Allyl chloride	4.385	41	110903	22.189	ug/l	100
15) Acrylonitrile	5.067	53	88844	108.975	ug/l	100
16) Acetone	3.866	43	134545	147.003	ug/l	100
17) Carbon Disulfide	4.104	76	243248	20.724	ug/l	99
18) Methyl Acetate	4.391	43	48615	20.249	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	213229	21.633	ug/l	100
20) Methylene Chloride	4.616	84	103847	20.983	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	101130	22.398	ug/l	93
22) Diisopropyl ether	6.019	45	260342	23.548	ug/l	93
23) Vinyl Acetate	5.964	43	666368	111.356	ug/l	99
24) 1,1-Dichloroethane	5.921	63	169601	23.159	ug/l	98
25) 2-Butanone	6.896	43	143124	128.089	ug/l	95
26) 2,2-Dichloropropane	6.890	77	157609	23.454	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	119234	22.861	ug/l	99
28) Bromochloromethane	7.244	49	61891	22.638	ug/l	98
29) Tetrahydrofuran	7.262	42	68066	107.422	ug/l	96
30) Chloroform	7.421	83	190892	23.725	ug/l	94
31) Cyclohexane	7.701	56	136328	21.317	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	168039	22.981	ug/l	99
36) 1,1-Dichloropropene	7.841	75	123868	22.371	ug/l	99
37) Ethyl Acetate	6.988	43	50292	22.926	ug/l	96
38) Carbon Tetrachloride	7.817	117	152211	22.671	ug/l	98
39) Methylcyclohexane	9.109	83	154282	21.400	ug/l	96
40) Benzene	8.079	78	403236	22.996	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	25558m	21.542	ug/l	
42) 1,2-Dichloroethane	8.158	62	102181	22.595	ug/l	99
43) Isopropyl Acetate	8.201	43	93052	21.273	ug/l #	86
44) Trichloroethene	8.866	130	115482	22.501	ug/l	95
45) 1,2-Dichloropropane	9.140	63	89518	23.112	ug/l	98
46) Dibromomethane	9.231	93	55964	22.851	ug/l	98
47) Bromodichloromethane	9.426	83	143512	23.267	ug/l	99
48) Methyl methacrylate	9.219	41	41369	20.132	ug/l	96
49) 1,4-Dioxane	9.225	88	11329	398.972	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	247429	109.484	ug/l	99
52) Toluene	10.170	92	260117	22.846	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	118385	22.073	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	144478	22.824	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	76640	23.271	ug/l	94
56) Ethyl methacrylate	10.438	69	79562	20.943	ug/l	99
57) 1,3-Dichloropropane	10.719	76	121066	23.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	174388	102.469	ug/l	99
59) 2-Hexanone	10.762	43	197632	122.368	ug/l	97
60) Dibromochloromethane	10.908	129	104580	22.649	ug/l	100
61) 1,2-Dibromoethane	11.012	107	70843	22.555	ug/l	100
64) Tetrachloroethene	10.646	164	142440	23.034	ug/l	99
65) Chlorobenzene	11.438	112	296935	22.796	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	104459	22.504	ug/l	97
67) Ethyl Benzene	11.518	91	476104	22.580	ug/l	98
68) m/p-Xylenes	11.627	106	389834	46.095	ug/l	100
69) o-Xylene	11.956	106	177150	22.332	ug/l	98
70) Styrene	11.969	104	296335	22.717	ug/l	100
71) Bromoform	12.127	173	63315	21.990	ug/l #	97
73) Isopropylbenzene	12.255	105	466811	22.028	ug/l	99
74) N-amyl acetate	12.066	43	77028	20.236	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	74958	21.626	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	55828m	19.677	ug/l	
77) Bromobenzene	12.530	156	122354	21.717	ug/l	98
78) n-propylbenzene	12.591	91	554891	22.627	ug/l	100
79) 2-Chlorotoluene	12.676	91	322765	22.475	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	389996	22.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24256	20.965	ug/l	97
82) 4-Chlorotoluene	12.773	91	336079	22.723	ug/l	99
83) tert-Butylbenzene	12.993	119	348993	22.072	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	386702	22.627	ug/l	100
85) sec-Butylbenzene	13.176	105	512565	22.598	ug/l	99
86) p-Isopropyltoluene	13.292	119	433315	22.438	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	242630	22.115	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	237683	21.936	ug/l	98
89) n-Butylbenzene	13.615	91	370611	22.025	ug/l	99
90) Hexachloroethane	13.877	117	92583	22.290	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	215178	22.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12055	21.196	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	126983	21.176	ug/l	99
94) Hexachlorobutadiene	15.023	225	80958	21.658	ug/l	98
95) Naphthalene	15.145	128	188360	19.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	109793	21.138	ug/l	99

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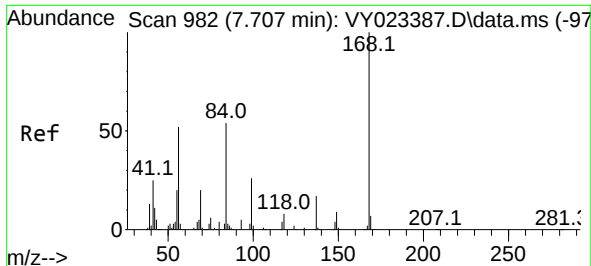
Manual Integrations
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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

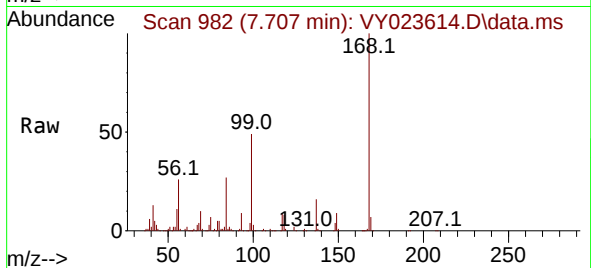
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023614.D
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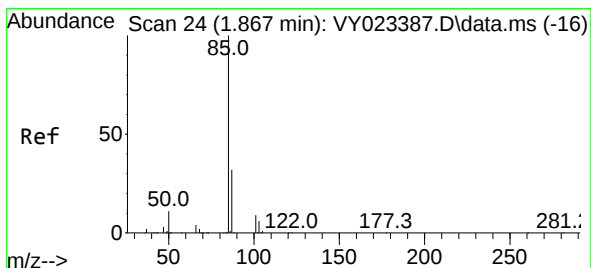
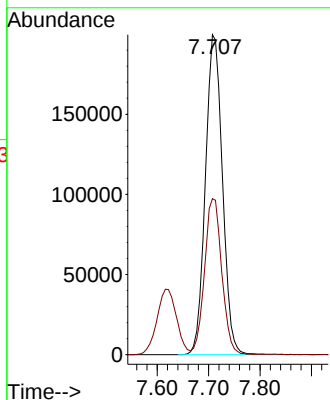
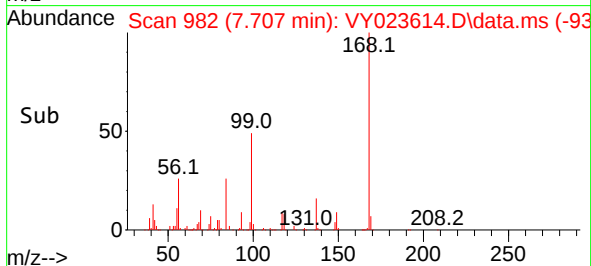
Instrument :
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ClientSampleId :
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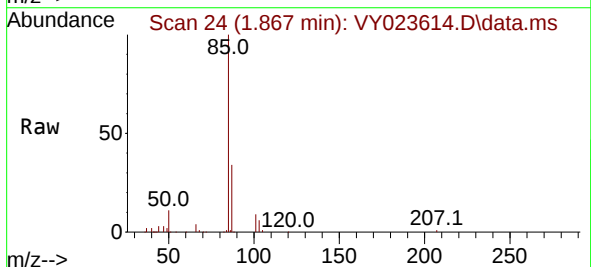
Tgt Ion:168 Resp: 459750
Ion Ratio Lower Upper
168 100
99 48.6 39.7 59.5

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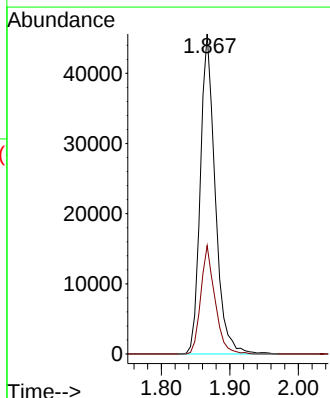
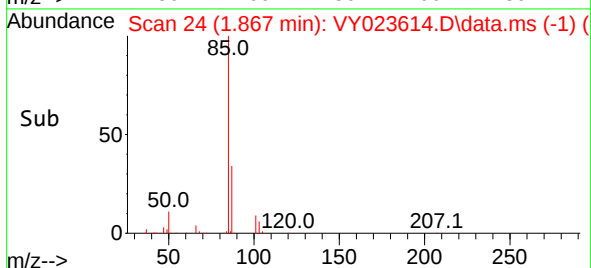
Reviewed By :Amit Patel 10/30/2025
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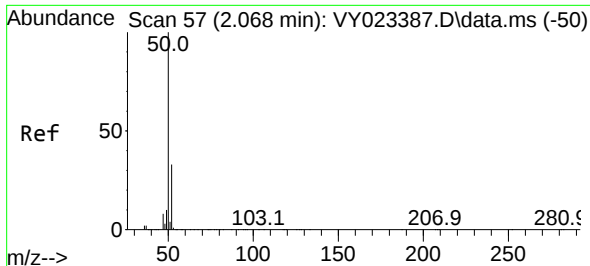


#2
Dichlorodifluoromethane
Concen: 20.851 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



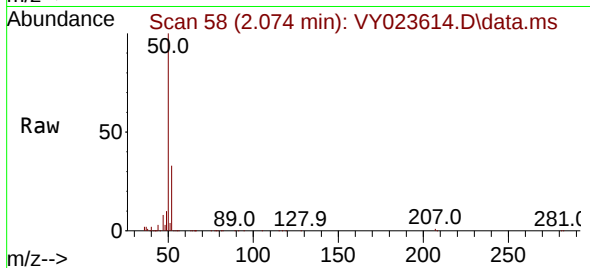
Tgt Ion: 85 Resp: 69001
Ion Ratio Lower Upper
85 100
87 33.9 16.0 47.9





#3
Chloromethane
Concen: 20.642 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

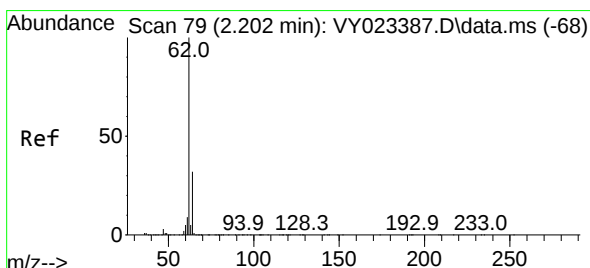
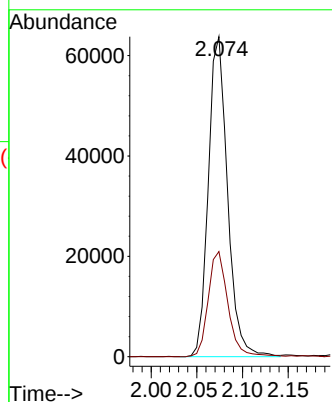
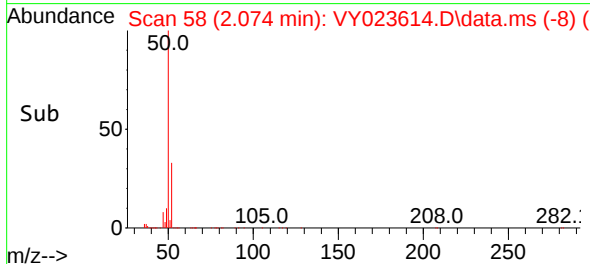
Instrument :
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ClientSampleId :
VY1029SBSD01



Tgt Ion: 50 Resp: 9305
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2

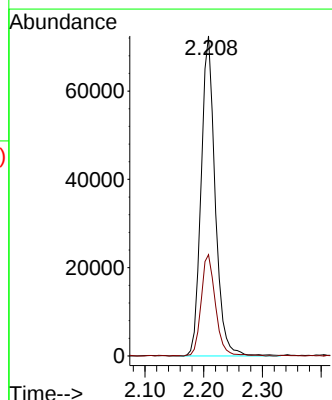
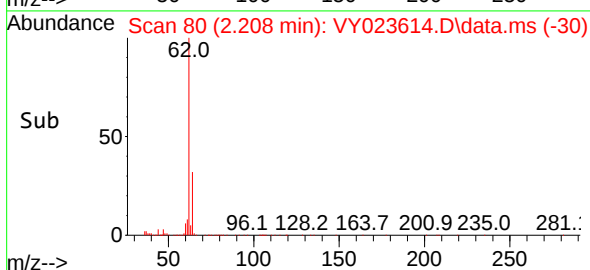
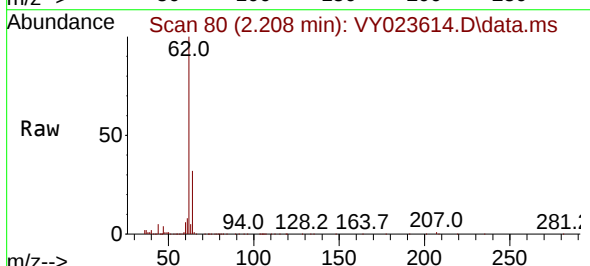
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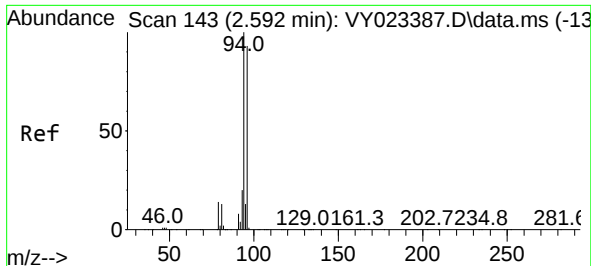
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 20.583 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

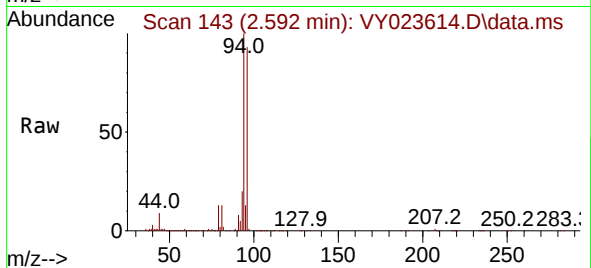
Tgt Ion: 62 Resp: 120856
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8





#5
Bromomethane
Concen: 21.678 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

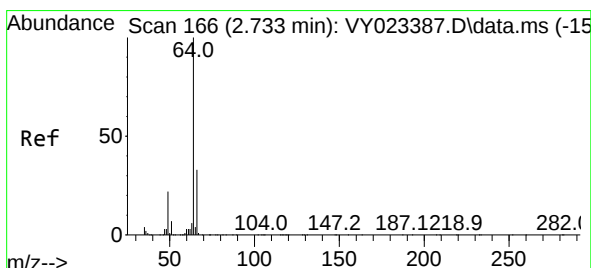
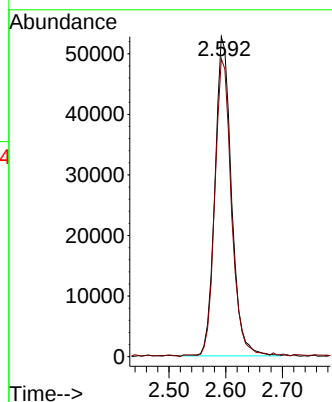
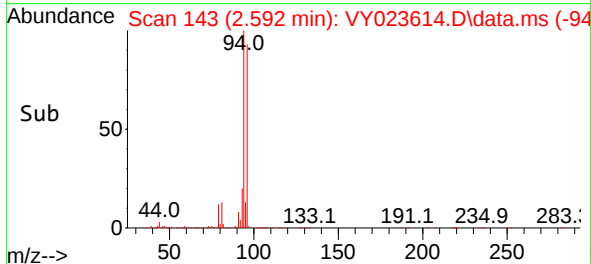
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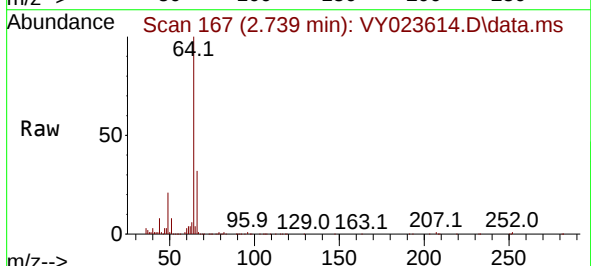
Tgt Ion: 94 Resp: 106818
Ion Ratio Lower Upper
94 100
96 93.3 74.5 111.7

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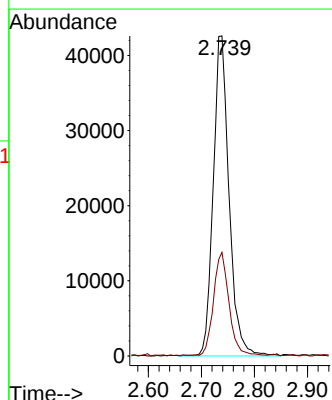
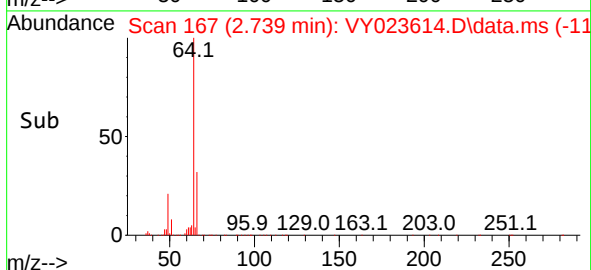
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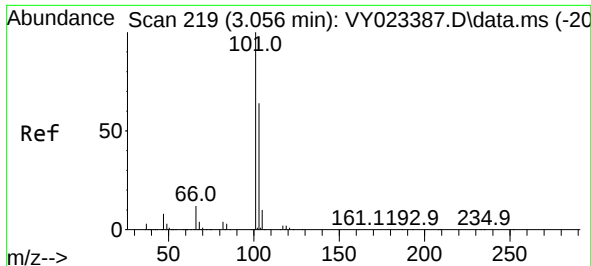


#6
Chloroethane
Concen: 22.076 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023614.D
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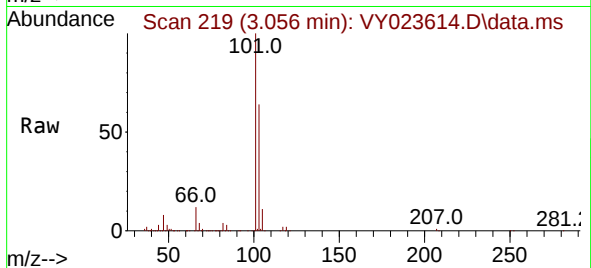
Tgt Ion: 64 Resp: 88356
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.350 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

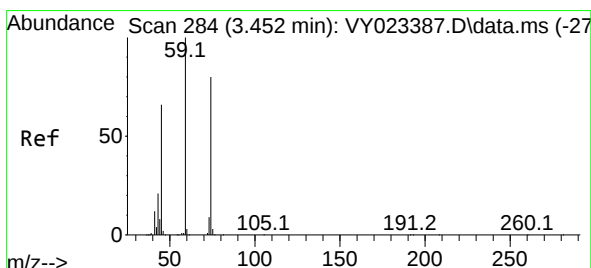
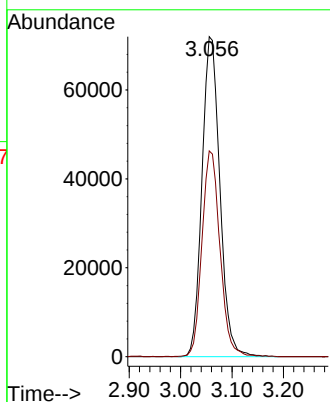
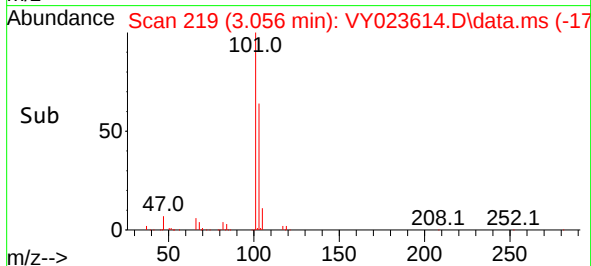
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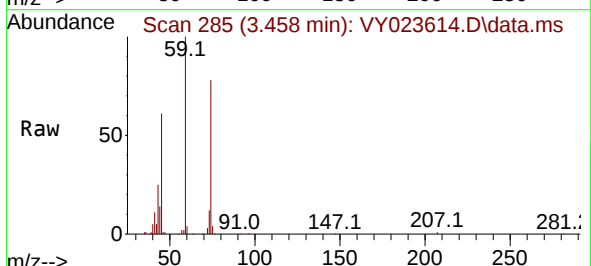
Tgt Ion:101 Resp: 17405
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

Manual Integrations
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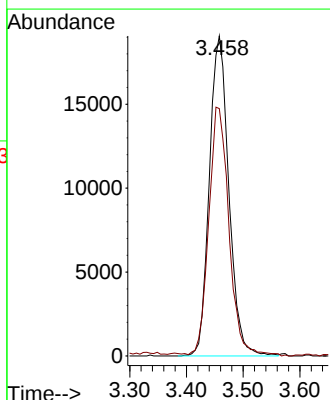
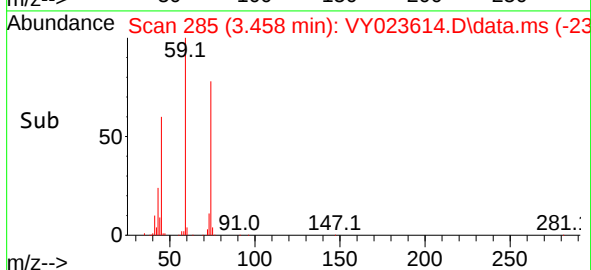
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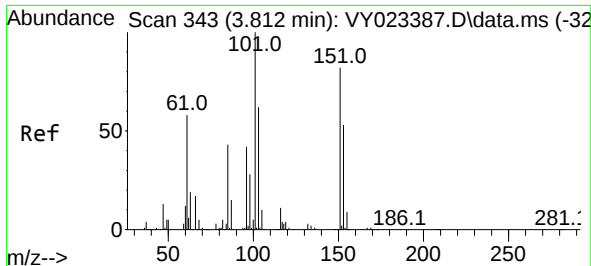


#8
Diethyl Ether
Concen: 21.355 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 74 Resp: 45493
Ion Ratio Lower Upper
74 100
45 80.8 39.9 119.7





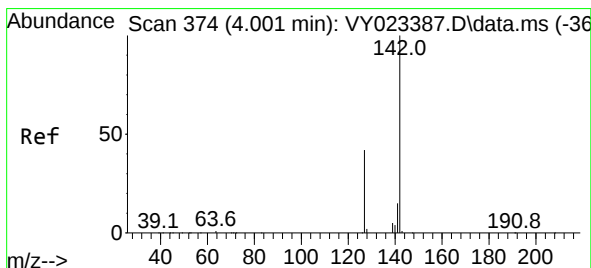
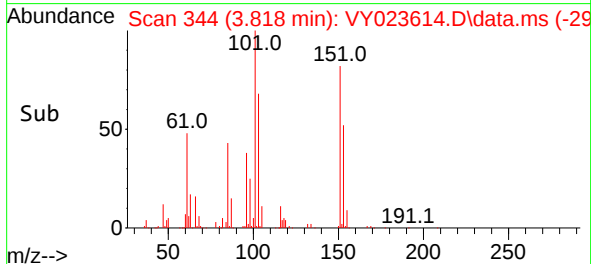
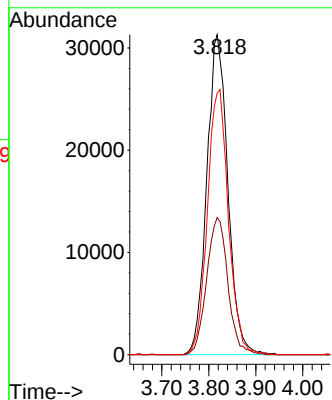
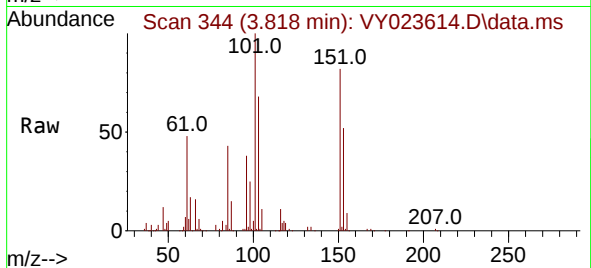
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.947 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tgt Ion:101 Resp: 97080
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 83.1 67.0 100.6

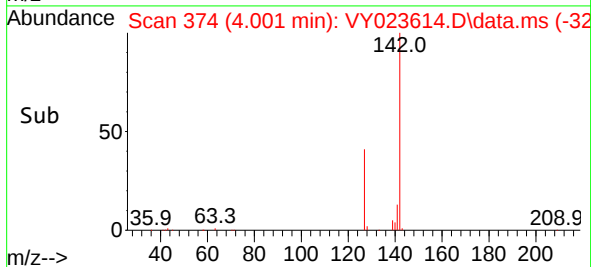
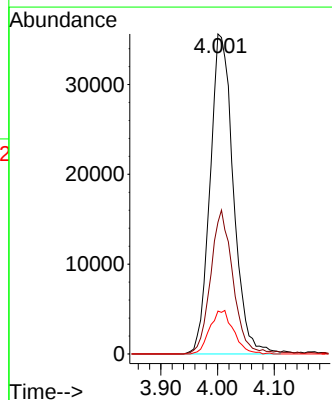
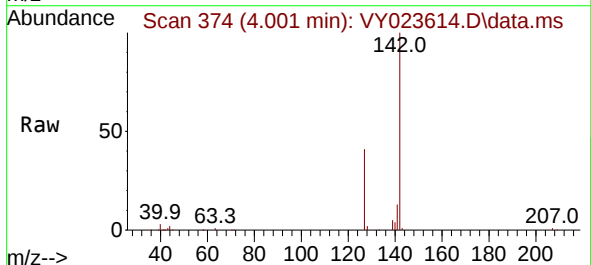
Manual Integrations
APPROVED

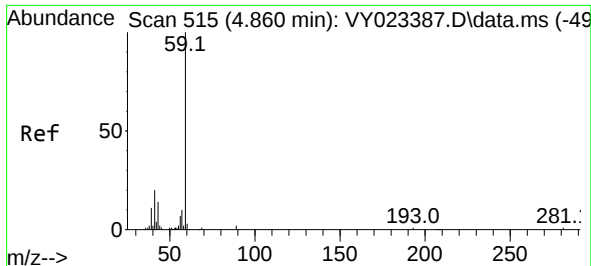
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 21.550 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

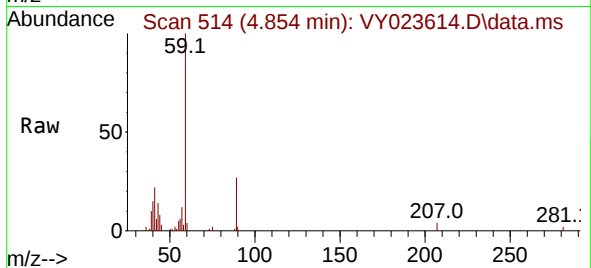
Tgt Ion:142 Resp: 101496
Ion Ratio Lower Upper
142 100
127 43.8 34.8 52.2
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 105.088 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

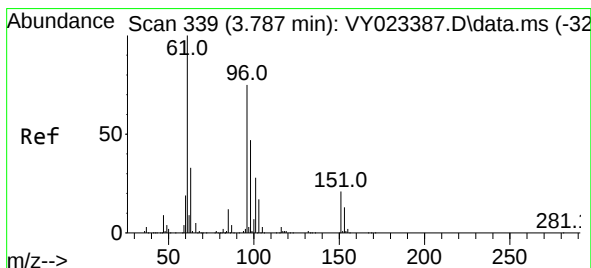
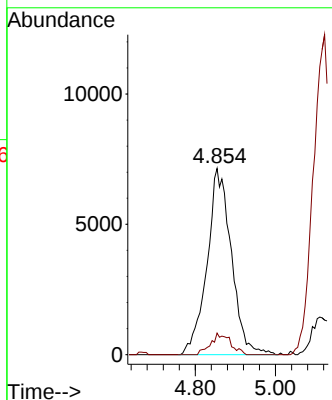
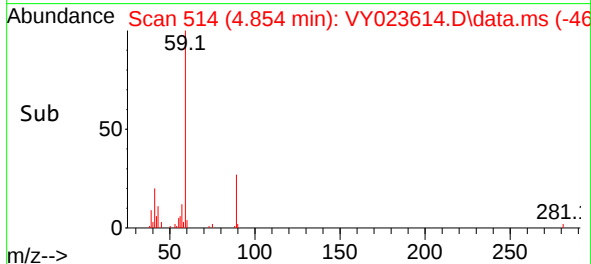
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 59 Resp: 30050
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

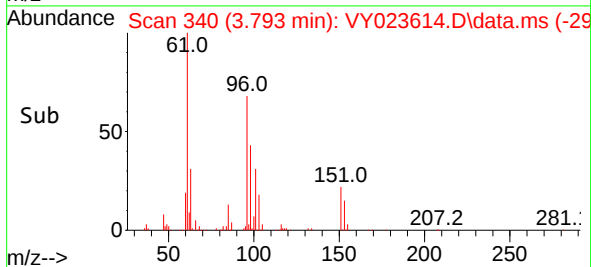
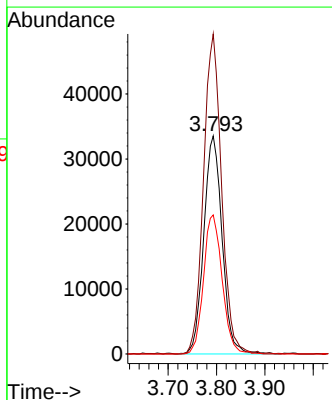
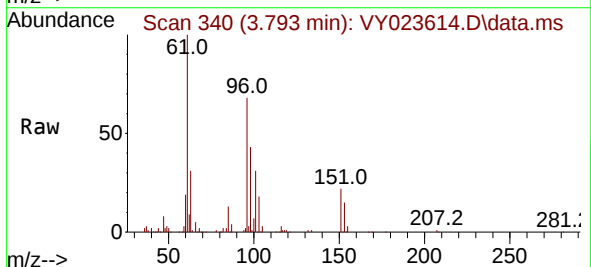
Manual Integrations
APPROVED

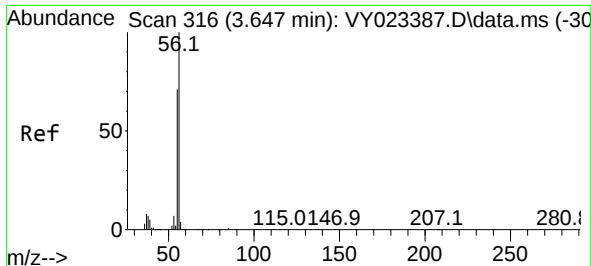
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#12
1,1-Dichloroethene
Concen: 21.530 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

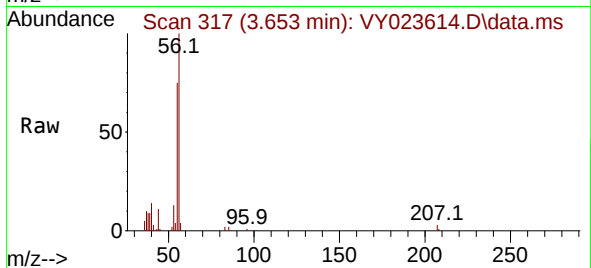
Tgt Ion: 96 Resp: 88295
Ion Ratio Lower Upper
96 100
61 146.8 106.7 160.1
98 63.8 50.2 75.4





#13
Acrolein
Concen: 44.552 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

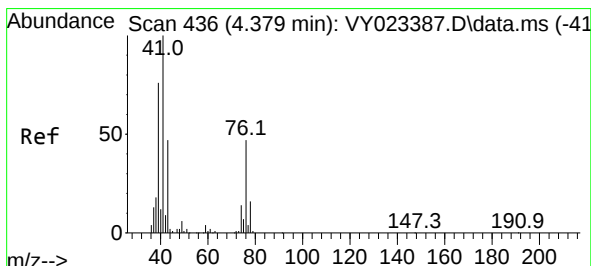
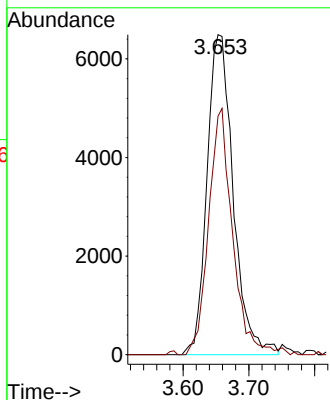
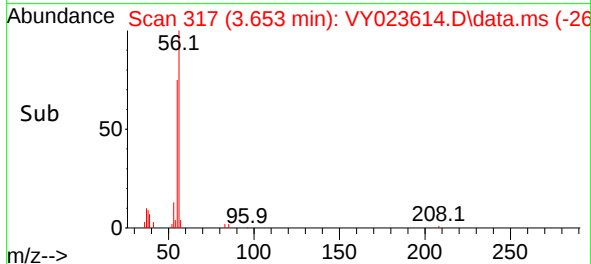
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



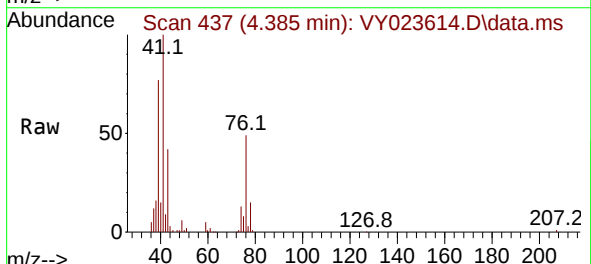
Tgt Ion: 56 Resp: 1800
Ion Ratio Lower Upper
56 100
55 70.6 56.1 84.1

Manual Integrations
APPROVED

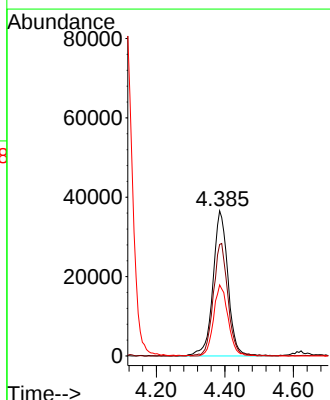
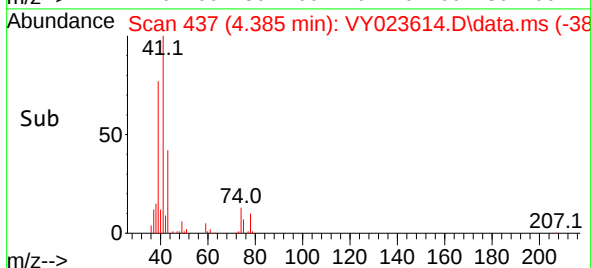
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

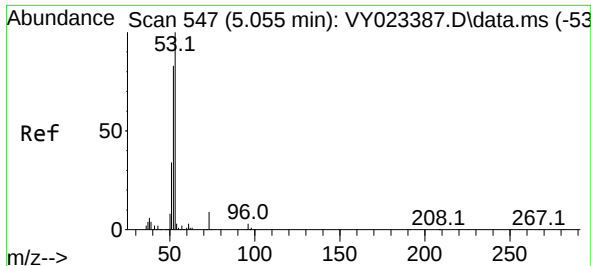


#14
Allyl chloride
Concen: 22.189 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



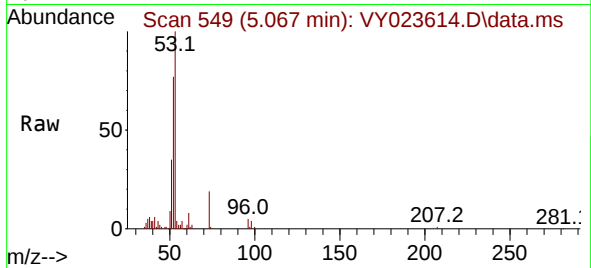
Tgt Ion: 41 Resp: 110903
Ion Ratio Lower Upper
41 100
39 75.2 59.9 89.9
76 47.1 38.0 57.0





#15
Acrylonitrile
Concen: 108.975 ug/l
RT: 5.067 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

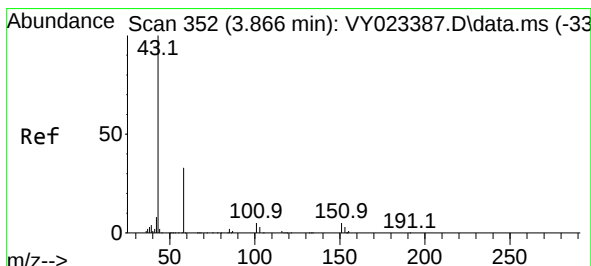
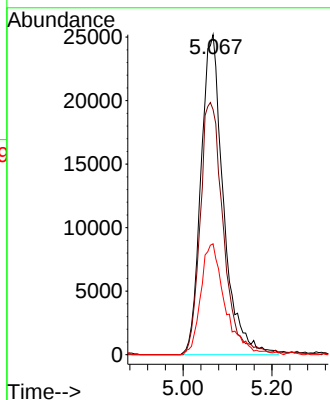
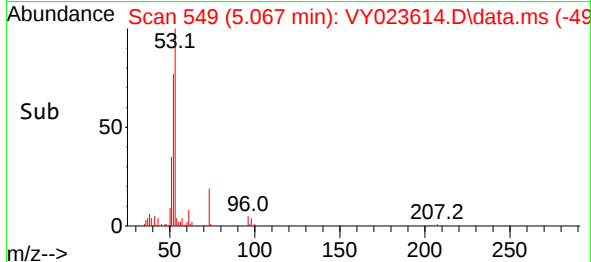
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



Tgt Ion: 53 Resp: 8884
Ion Ratio Lower Upper
53 100
52 80.6 64.6 97.0
51 37.4 29.5 44.3

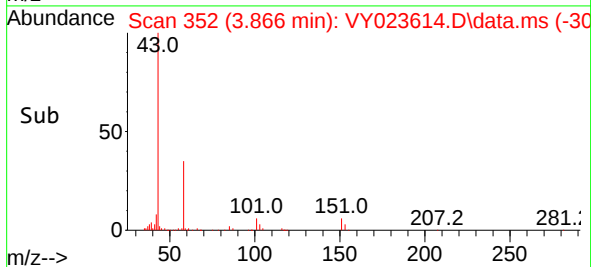
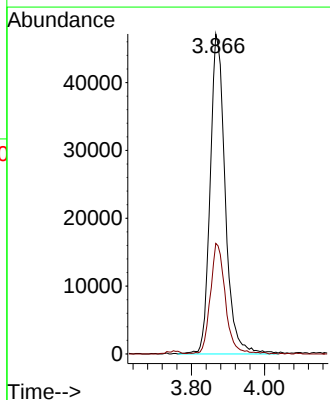
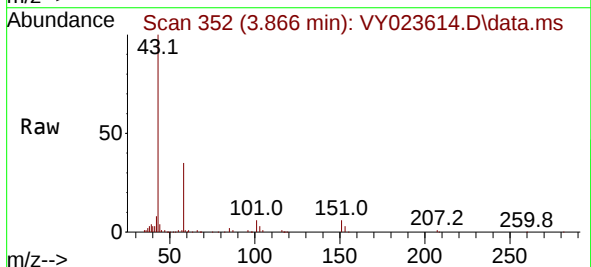
Manual Integrations
APPROVED

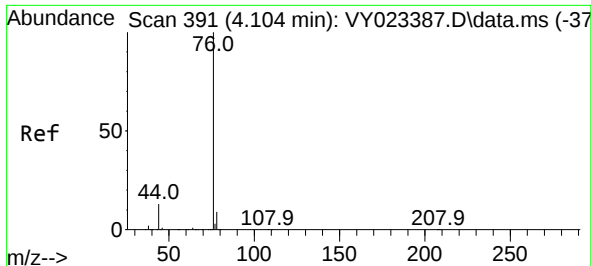
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Acetone
Concen: 147.003 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

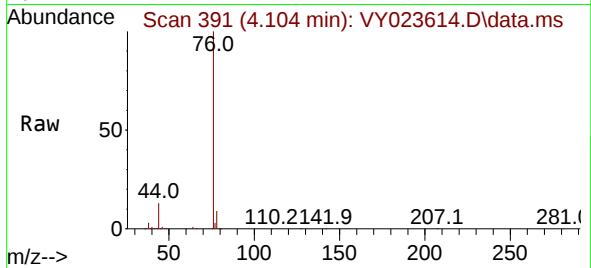
Tgt Ion: 43 Resp: 134545
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5





#17
Carbon Disulfide
Concen: 20.724 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

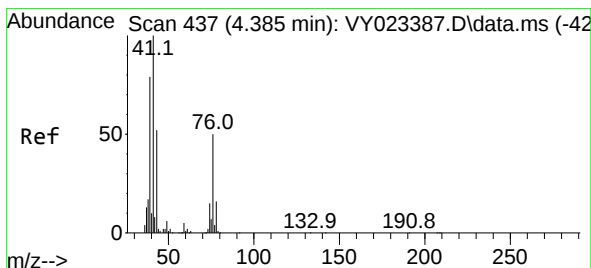
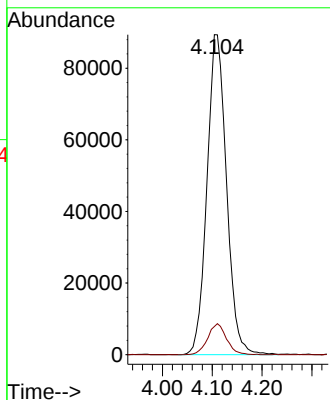
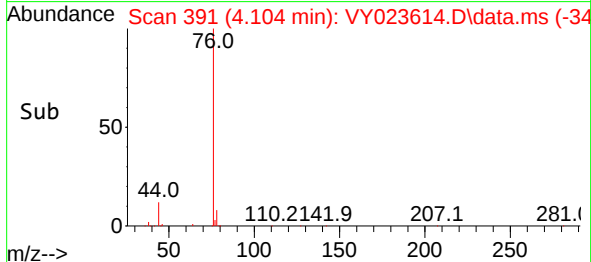
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



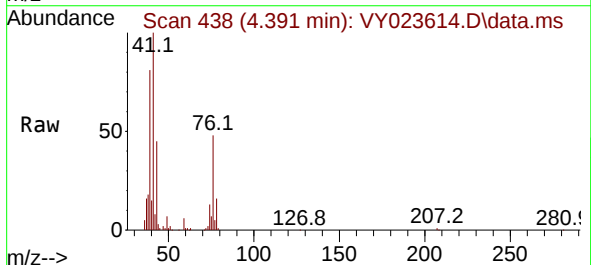
Tgt Ion: 76 Resp: 243248
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Manual Integrations
APPROVED

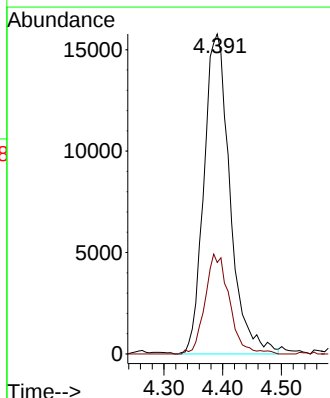
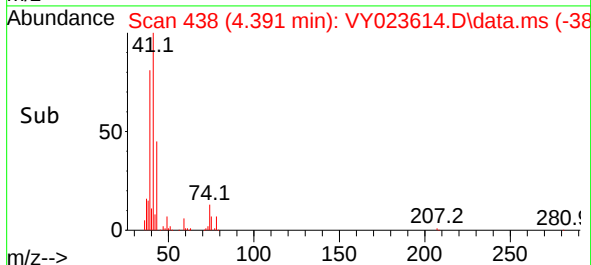
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

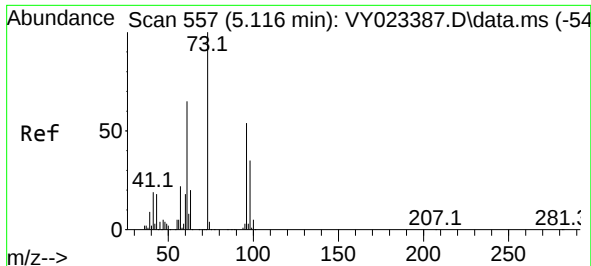


#18
Methyl Acetate
Concen: 20.249 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



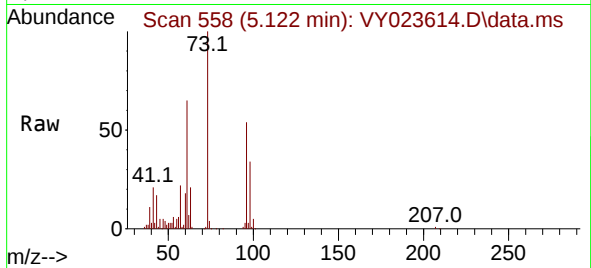
Tgt Ion: 43 Resp: 48615
Ion Ratio Lower Upper
43 100
74 29.2 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 21.633 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

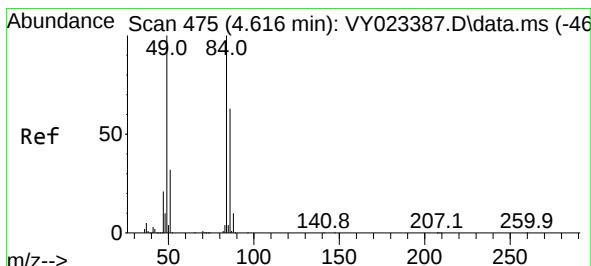
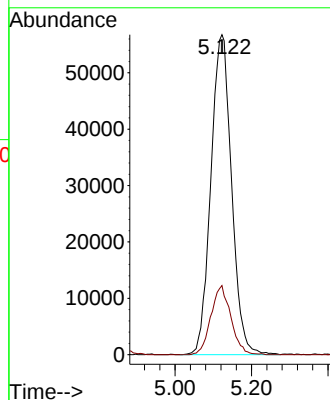
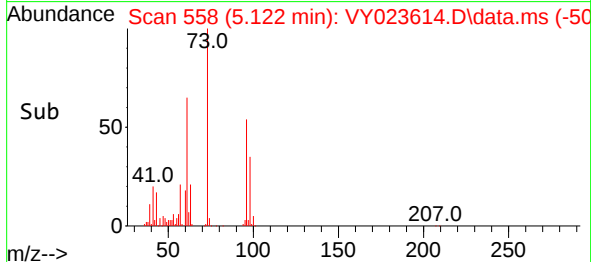
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 73 Resp: 213229
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

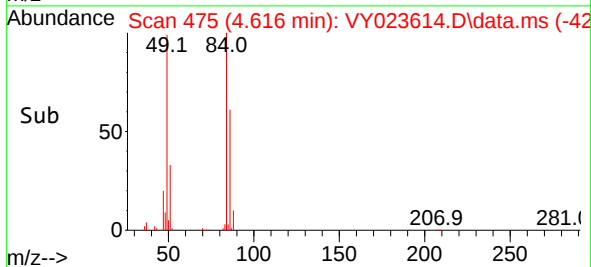
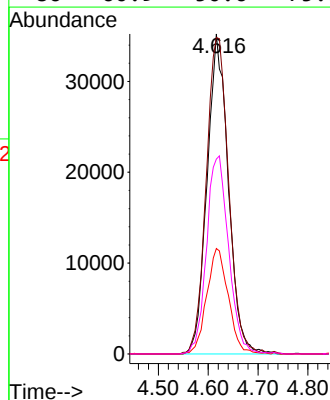
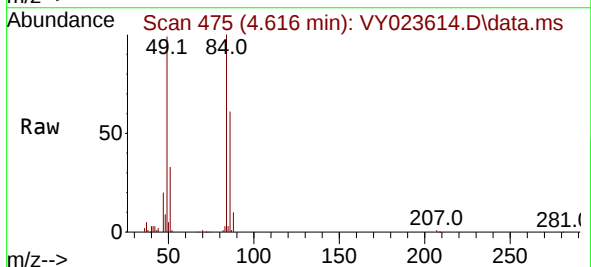
Manual Integrations
APPROVED

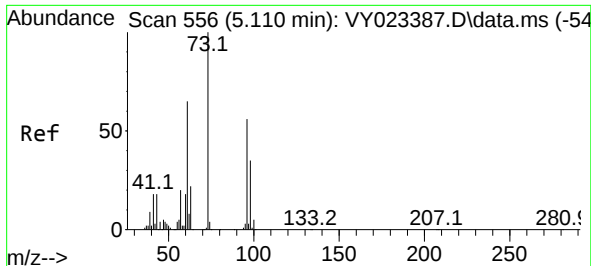
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 20.983 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

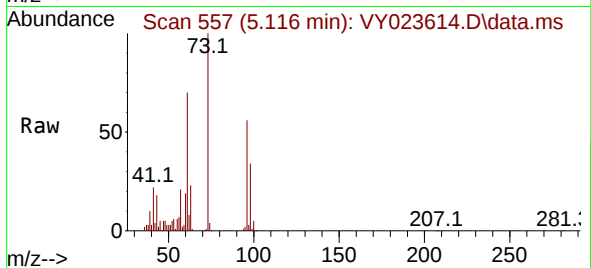
Tgt Ion: 84 Resp: 103847
Ion Ratio Lower Upper
84 100
49 98.9 80.2 120.4
51 32.9 25.9 38.9
86 60.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 22.398 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

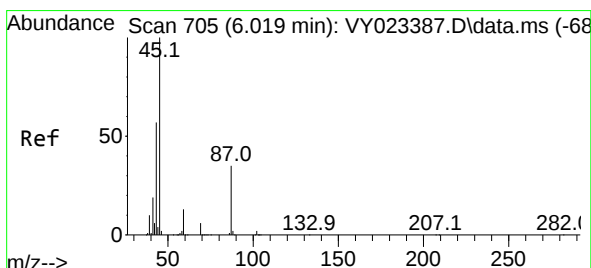
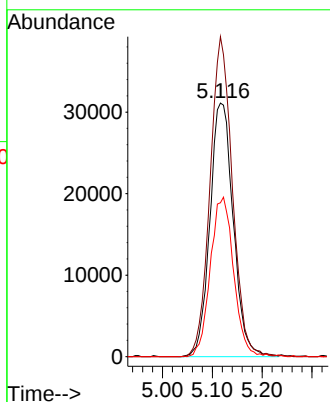
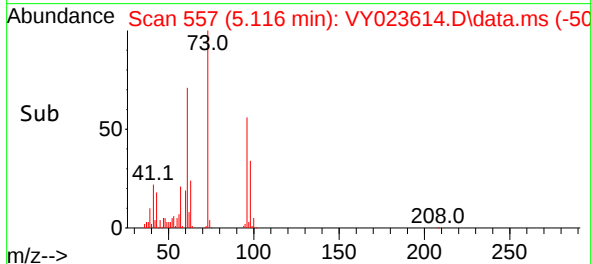
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



Tgt Ion: 96 Resp: 101130
Ion Ratio Lower Upper
96 100
61 126.1 92.7 139.1
98 60.7 49.7 74.5

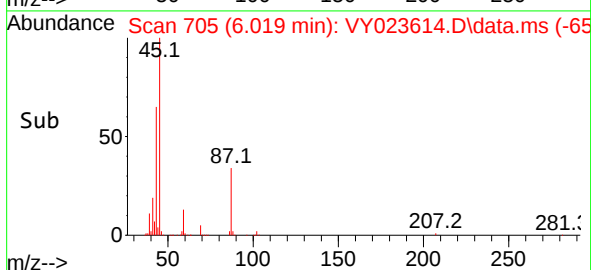
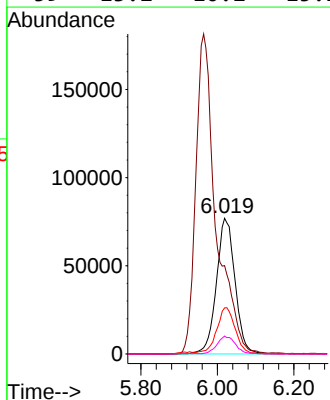
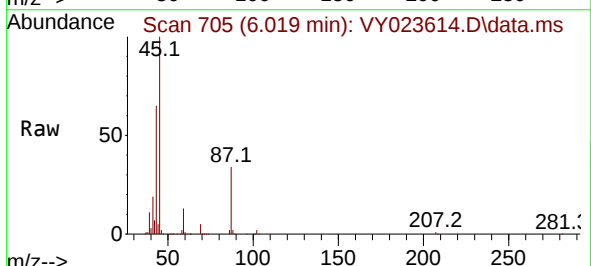
Manual Integrations
APPROVED

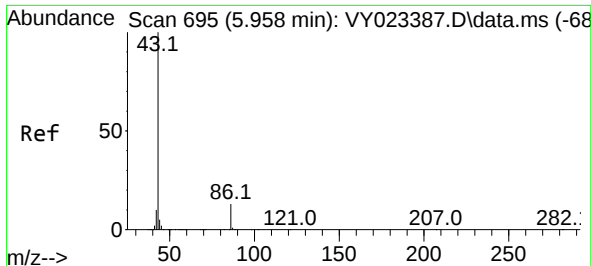
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#22
Diisopropyl ether
Concen: 23.548 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Tgt Ion: 45 Resp: 260342
Ion Ratio Lower Upper
45 100
43 64.8 45.6 68.4
87 33.9 28.1 42.1
59 13.2 10.2 15.2





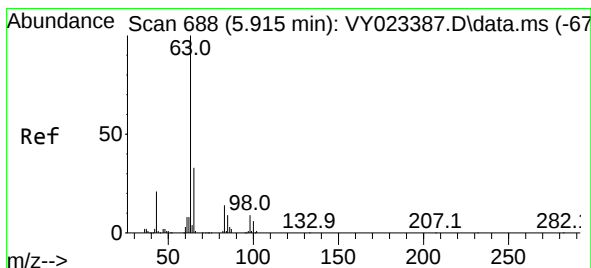
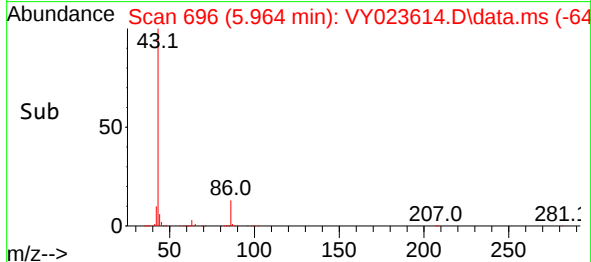
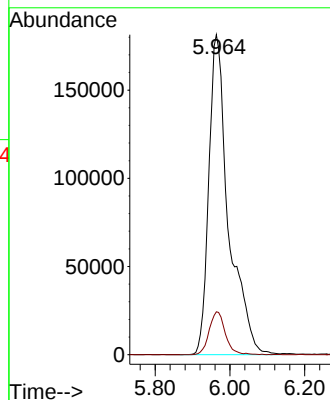
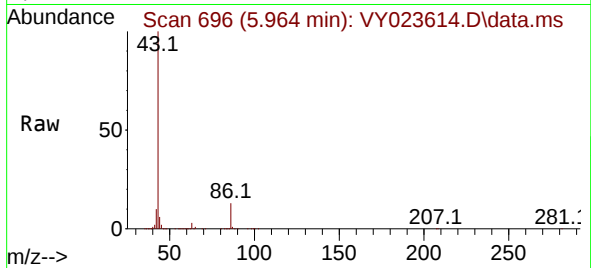
#23
 Vinyl Acetate
 Concen: 111.356 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023614.D
 Acq: 29 Oct 2025 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBSD01

Tgt Ion: 43 Resp: 666368
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 15.8

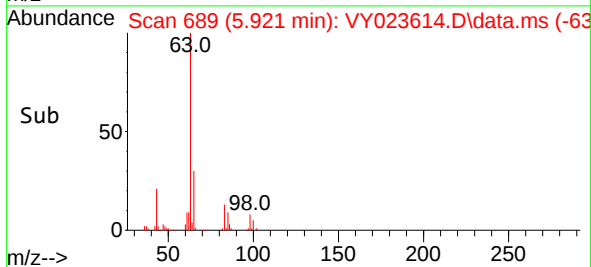
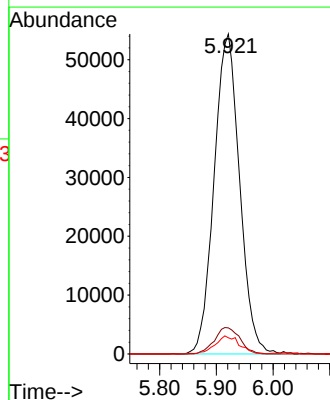
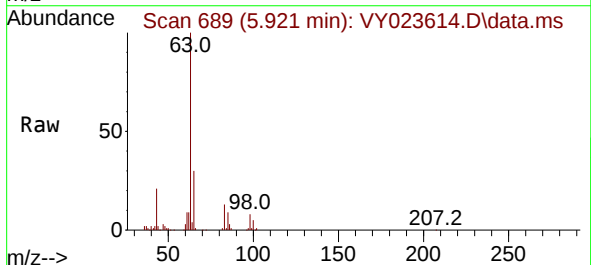
Manual Integrations
 APPROVED

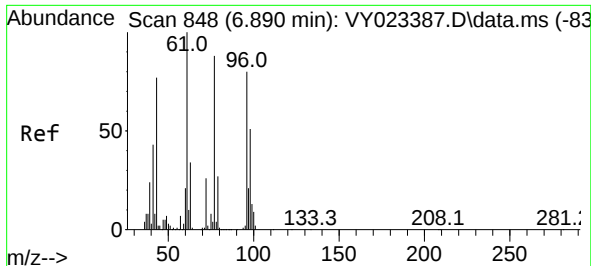
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#24
 1,1-Dichloroethane
 Concen: 23.159 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023614.D
 Acq: 29 Oct 2025 10:37

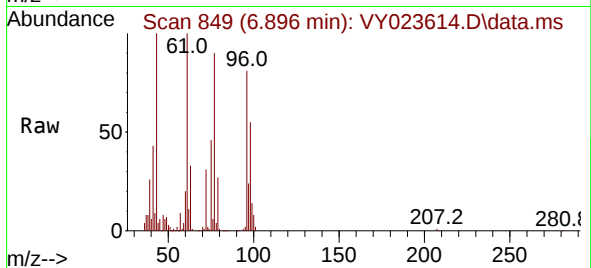
Tgt Ion: 63 Resp: 169601
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 13.1
 100 5.1 2.8 8.4





#25
2-Butanone
Concen: 128.089 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

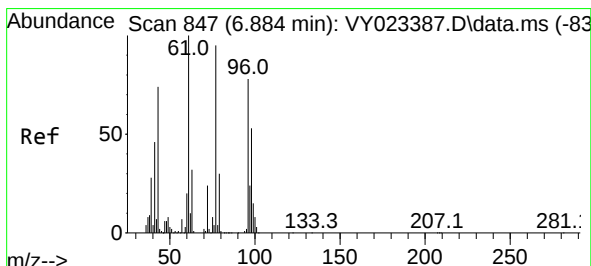
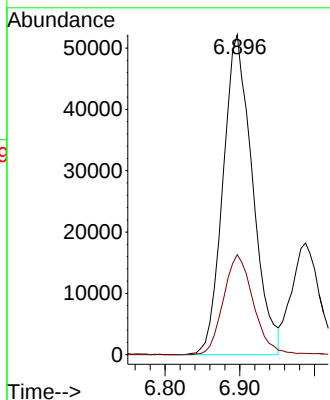
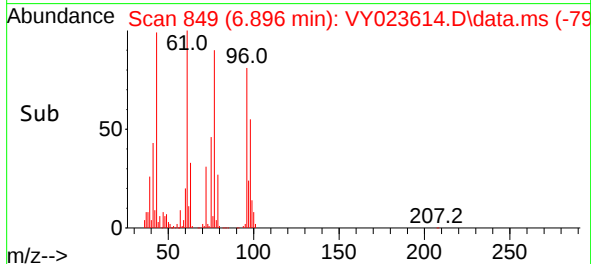
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



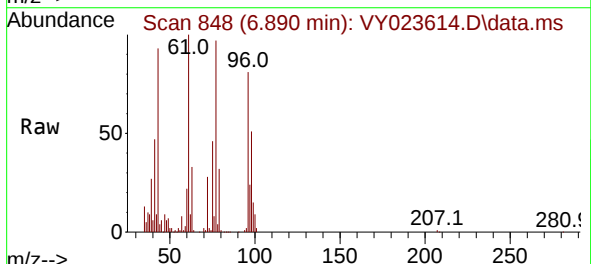
Tgt Ion: 43 Resp: 143124
Ion Ratio Lower Upper
43 100
72 31.2 27.4 41.2

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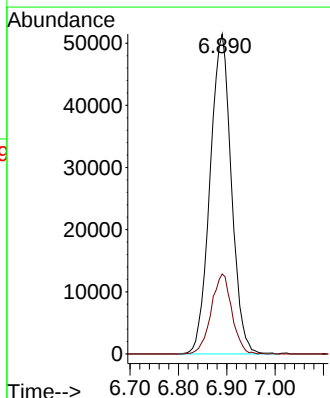
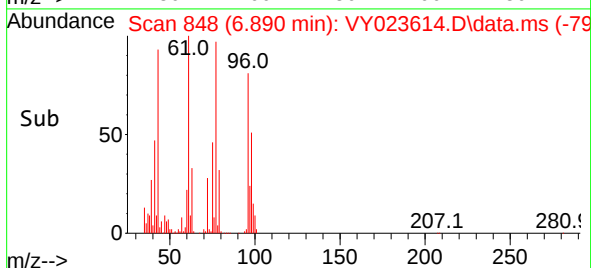
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

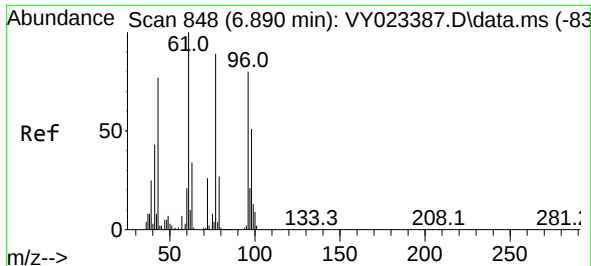


#26
2,2-Dichloropropane
Concen: 23.454 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



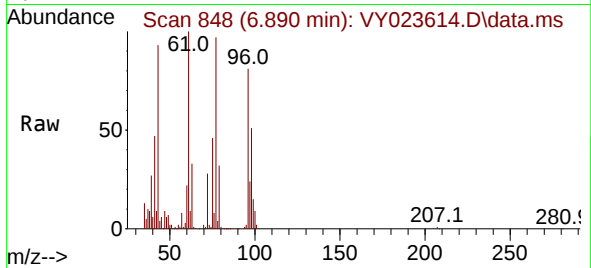
Tgt Ion: 77 Resp: 157609
Ion Ratio Lower Upper
77 100
97 24.2 12.1 36.3





#27
 cis-1,2-Dichloroethene
 Concen: 22.861 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023614.D
 Acq: 29 Oct 2025 10:37

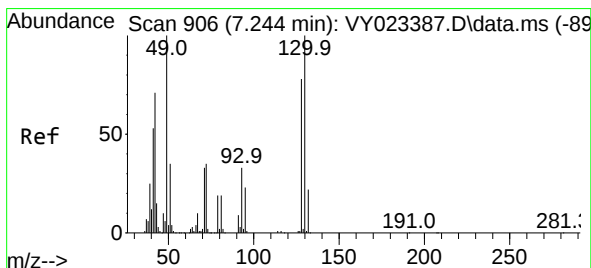
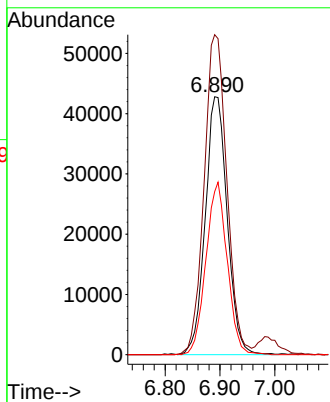
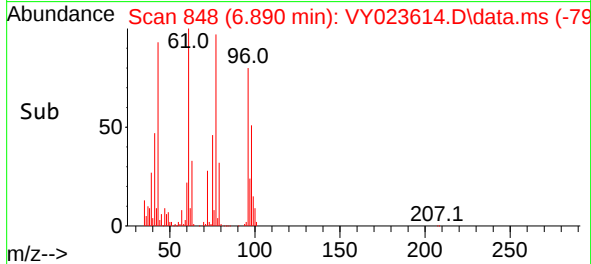
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01



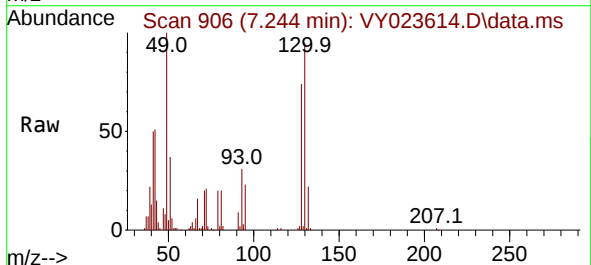
Tgt Ion: 96 Resp: 119234
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 258.2
 98 64.8 0.0 132.0

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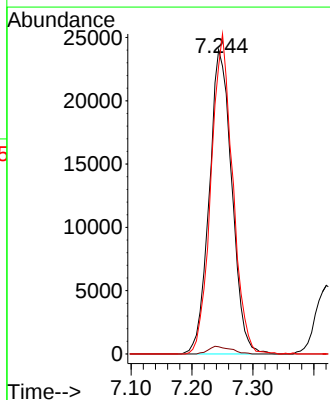
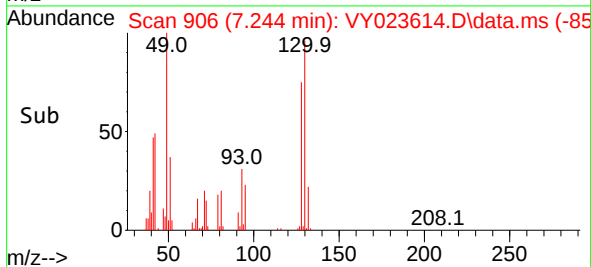
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

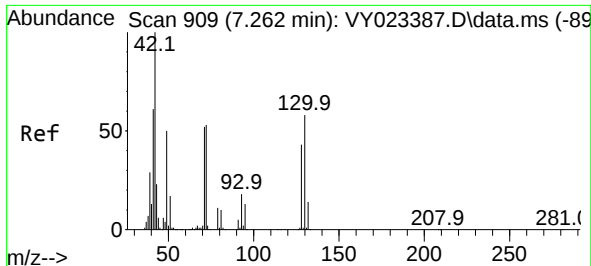


#28
 Bromochloromethane
 Concen: 22.638 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY023614.D
 Acq: 29 Oct 2025 10:37



Tgt Ion: 49 Resp: 61891
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 100.5 81.9 122.9





#29

Tetrahydrofuran

Concen: 107.422 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023614.D

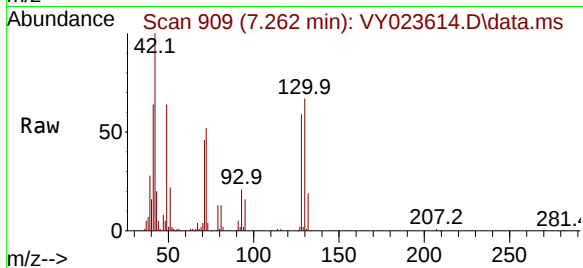
Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



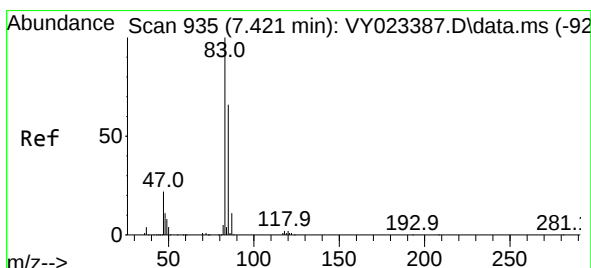
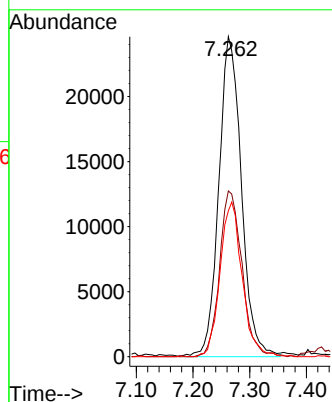
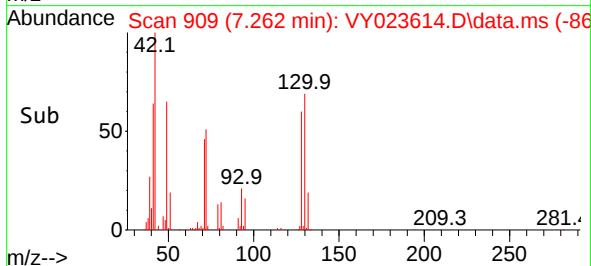
Tgt Ion:	42	Resp:	68060
Ion Ratio	Lower	Upper	
42	100		
72	51.4	43.0	64.6
71	47.2	40.1	60.1

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

Chloroform

Concen: 23.725 ug/l

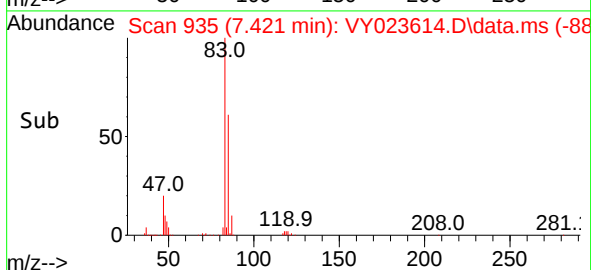
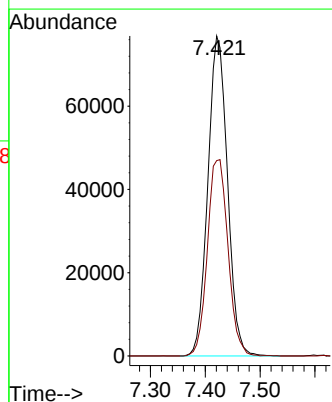
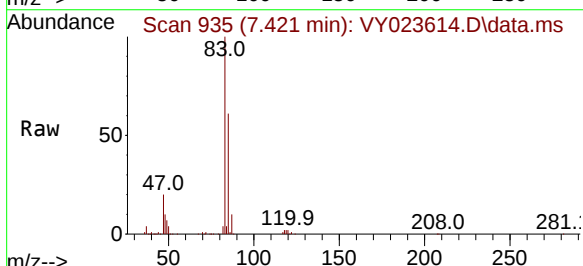
RT: 7.421 min Scan# 935

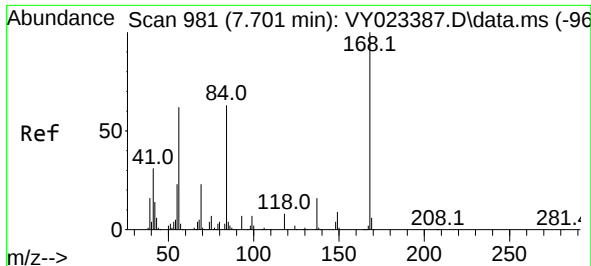
Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

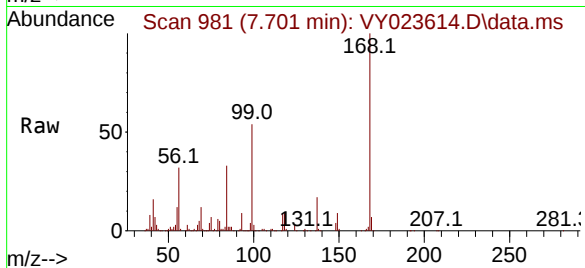
Tgt Ion:	83	Resp:	190892
Ion Ratio	Lower	Upper	
83	100		
85	61.0	52.5	78.7





#31
Cyclohexane
Concen: 21.317 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

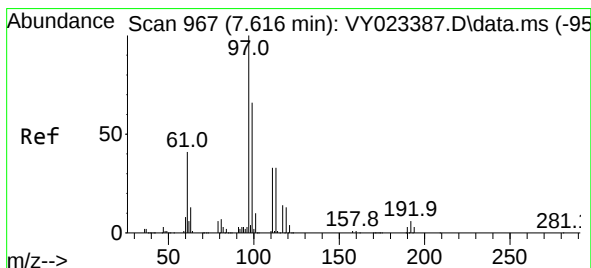
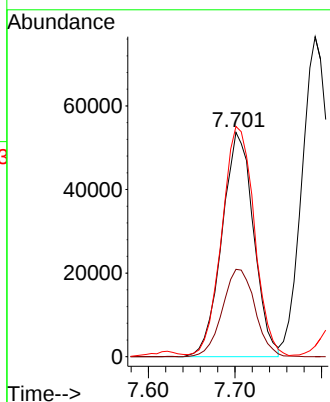
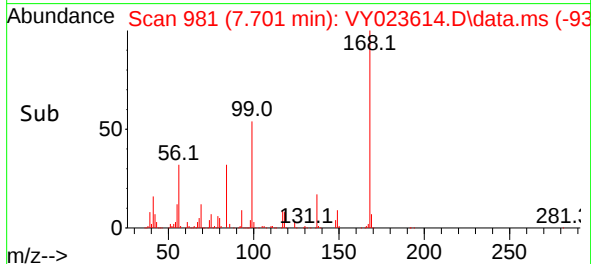
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



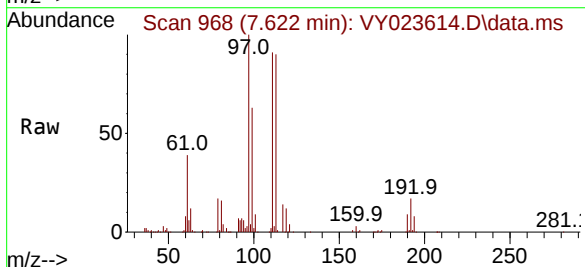
Tgt Ion: 56 Resp: 136328
Ion Ratio Lower Upper
56 100
69 38.9 30.0 45.0
84 101.3 81.2 121.8

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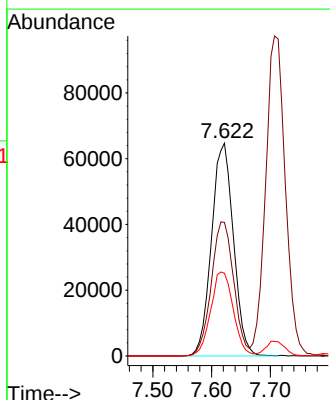
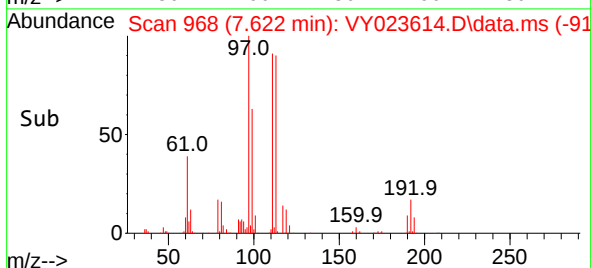
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

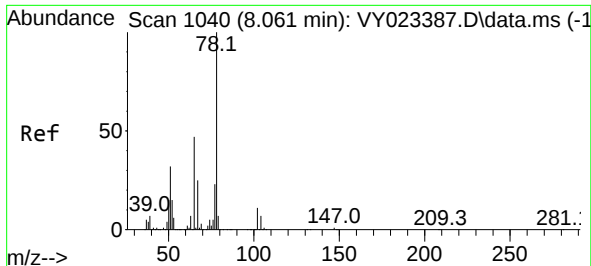


#32
1,1,1-Trichloroethane
Concen: 22.981 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 97 Resp: 168039
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 40.6 31.9 47.9





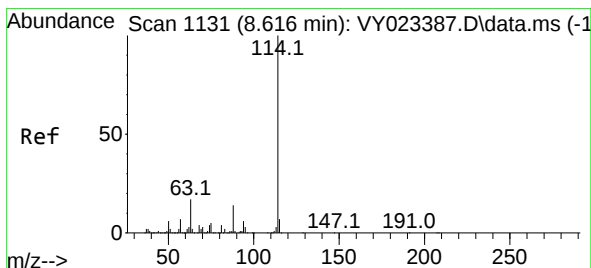
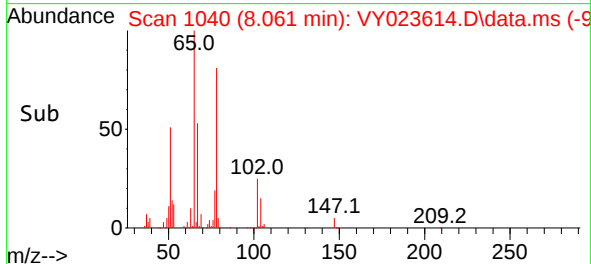
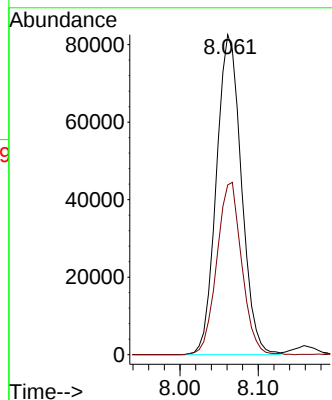
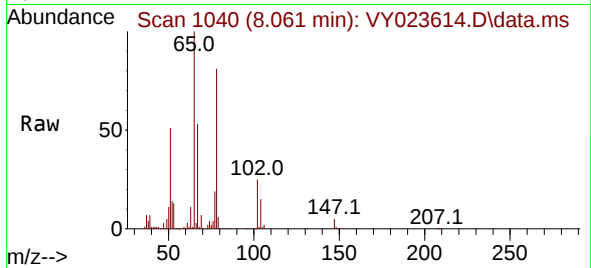
#33
1,2-Dichloroethane-d4
Concen: 47.741 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tgt Ion: 65 Resp: 18354
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8

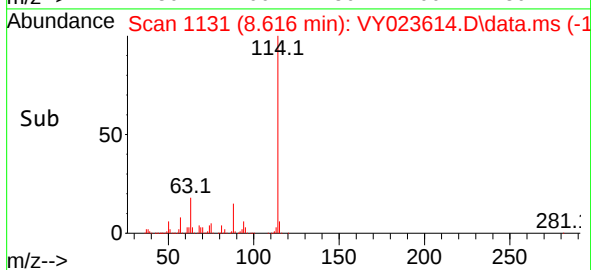
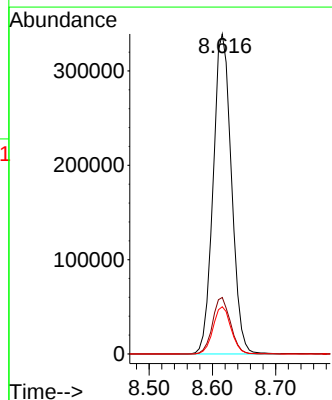
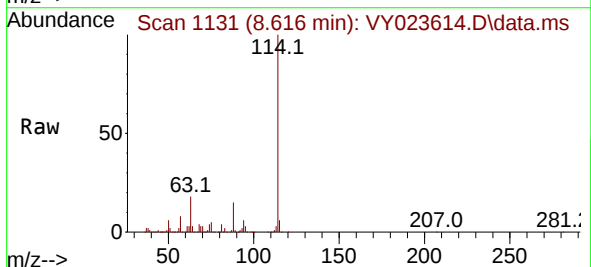
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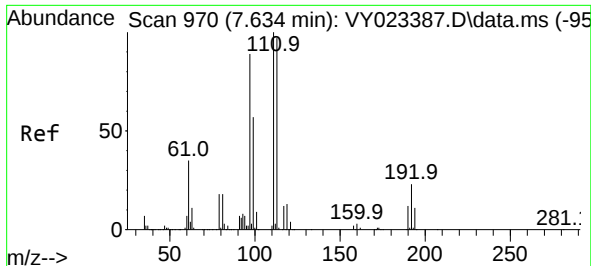
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

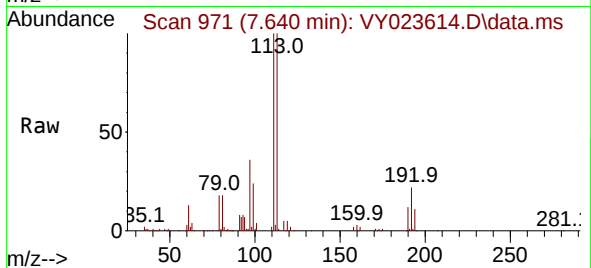
Tgt Ion:114 Resp: 680668
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.2
88 14.8 0.0 28.4





#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

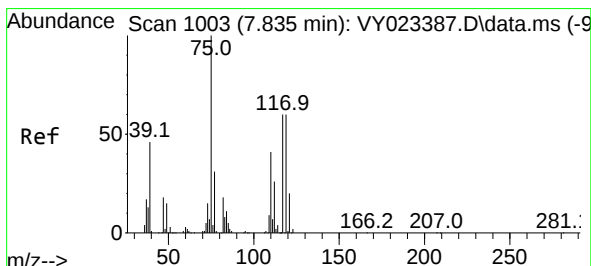
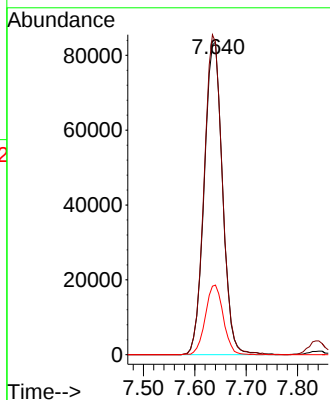
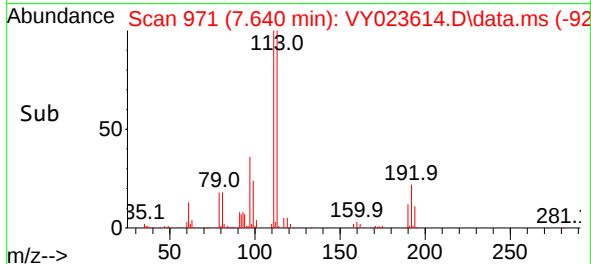
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



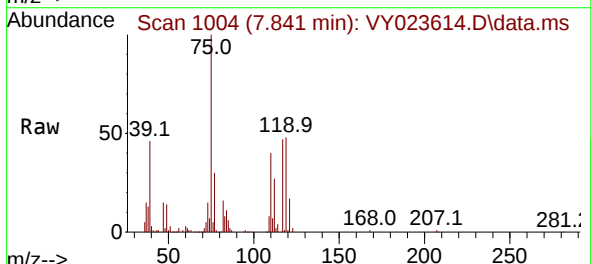
Tgt Ion:113 Resp: 20610
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 21.8 18.0 27.0

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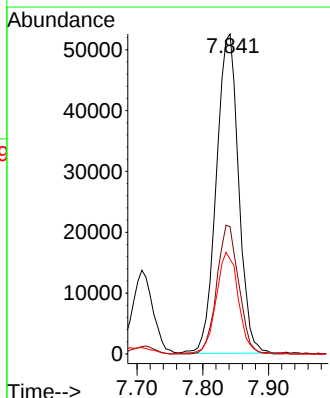
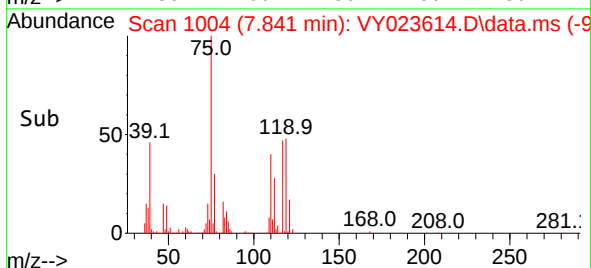
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

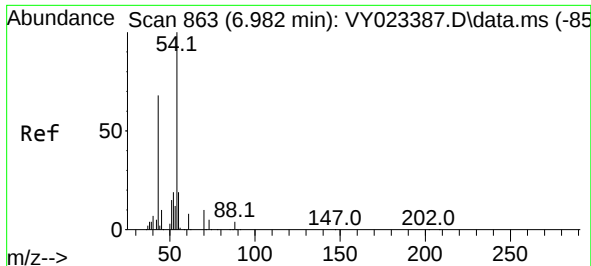


#36
1,1-Dichloropropene
Concen: 22.371 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 75 Resp: 123868
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.9 25.0 37.6





#37

Ethyl Acetate

Concen: 22.926 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 43 Resp: 50292

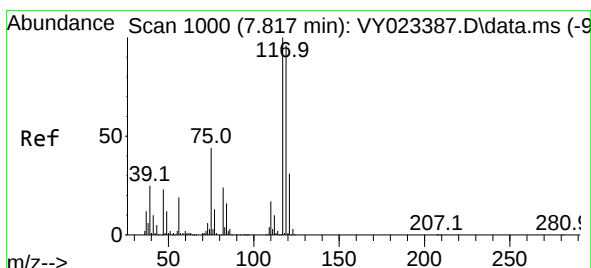
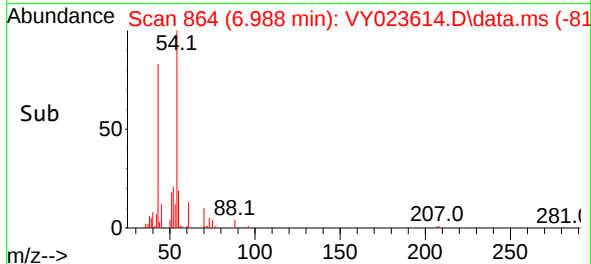
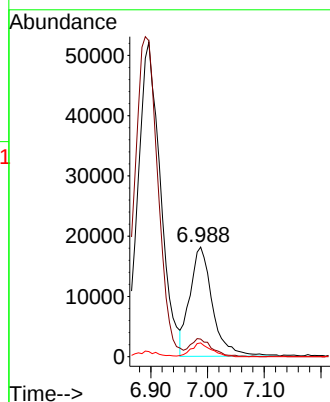
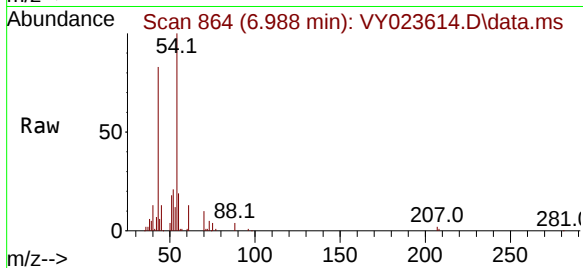
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.8
70	11.2	10.5	15.7

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#38

Carbon Tetrachloride

Concen: 22.671 ug/l

RT: 7.817 min Scan# 1000

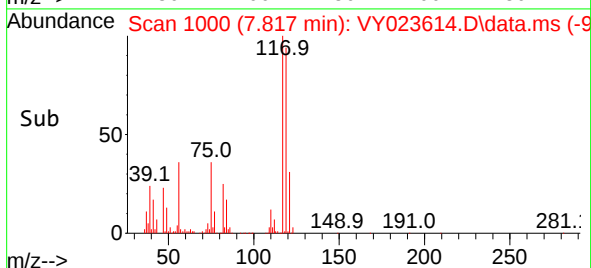
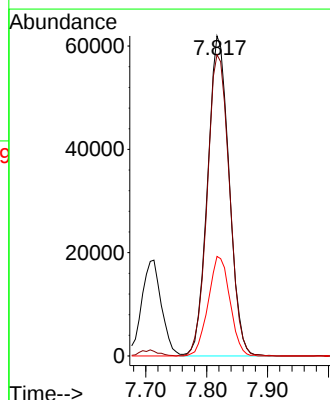
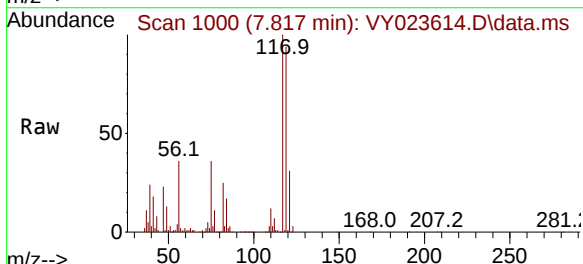
Delta R.T. -0.000 min

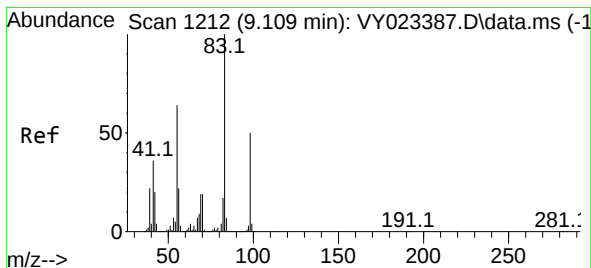
Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Tgt Ion:117 Resp: 152211

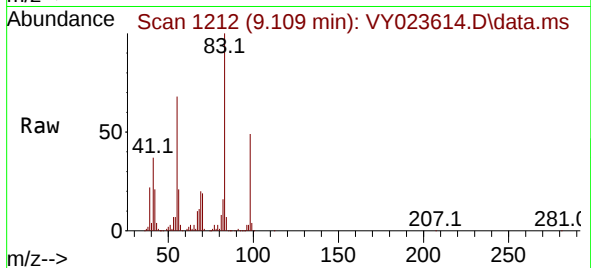
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.8	115.2
121	31.1	24.5	36.7





#39
Methylcyclohexane
Concen: 21.400 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

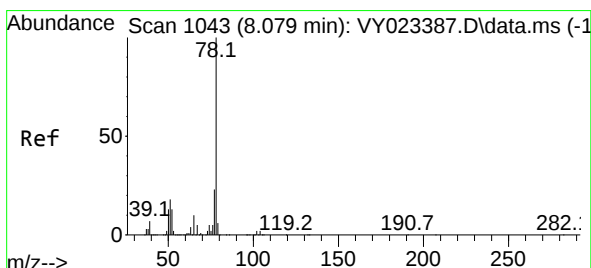
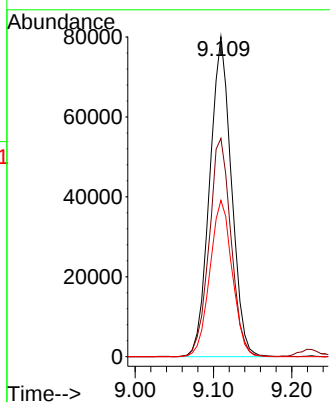
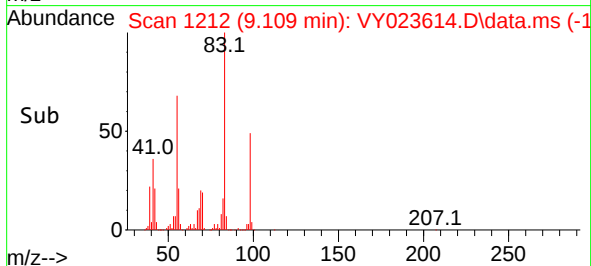
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



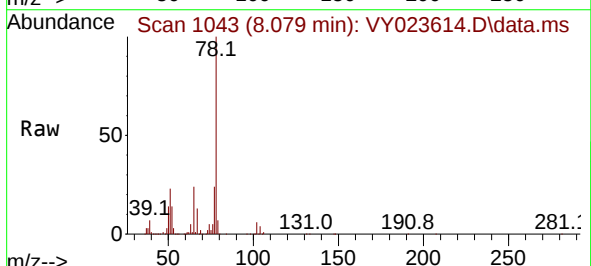
Tgt Ion: 83 Resp: 15428
Ion Ratio Lower Upper
83 100
55 68.2 51.4 77.2
98 48.9 40.4 60.6

Manual Integrations
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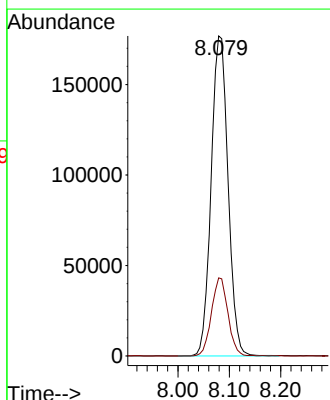
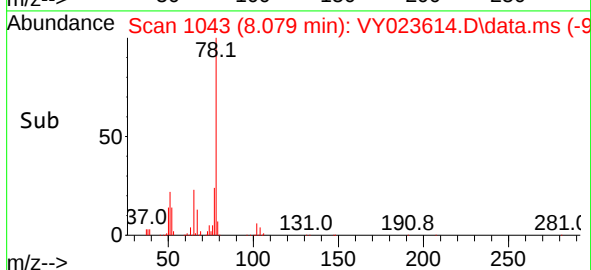
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

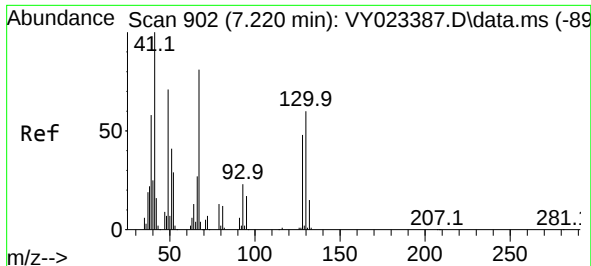


#40
Benzene
Concen: 22.996 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



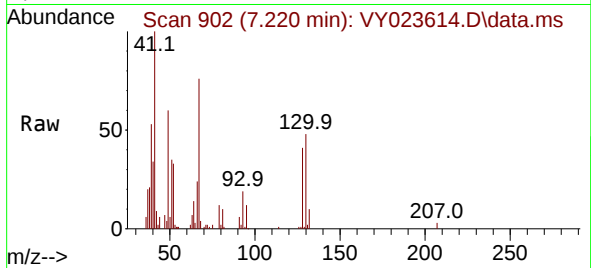
Tgt Ion: 78 Resp: 403236
Ion Ratio Lower Upper
78 100
77 24.4 18.3 27.5





#41
Methacrylonitrile
Concen: 21.542 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

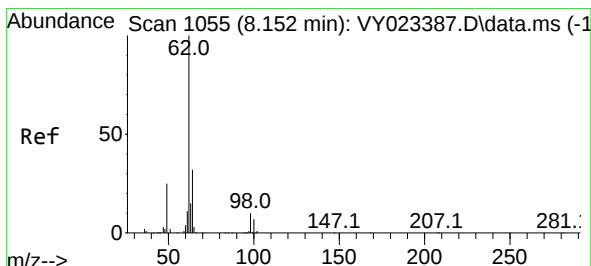
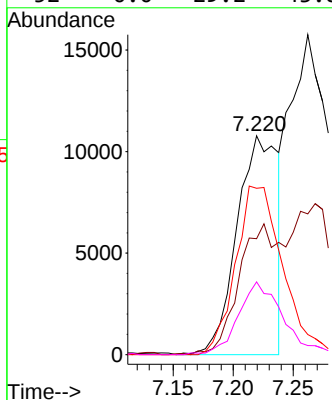
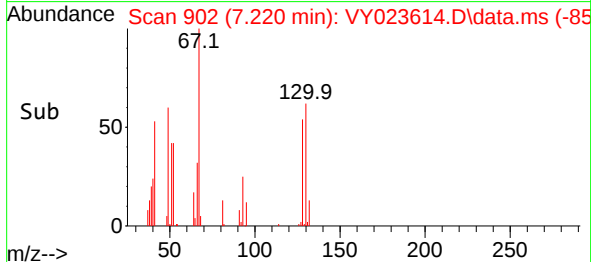
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



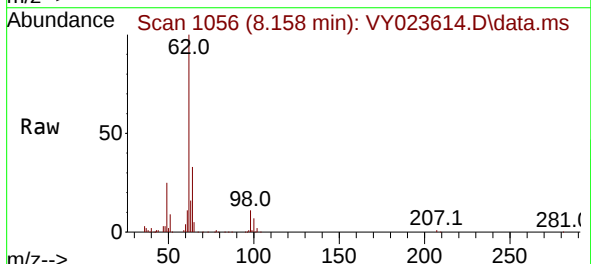
Tgt Ion: 41 Resp: 25558
Ion Ratio Lower Upper
41 100
39 68.5 52.2 78.4
67 0.0 74.9 112.3
52 0.0 29.2 43.8#

Manual Integrations
APPROVED

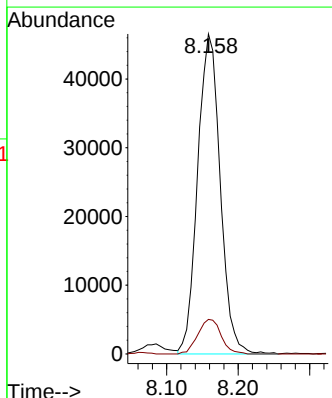
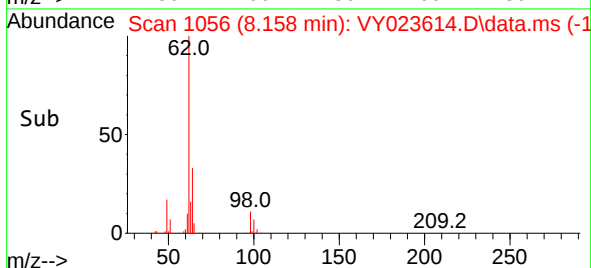
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

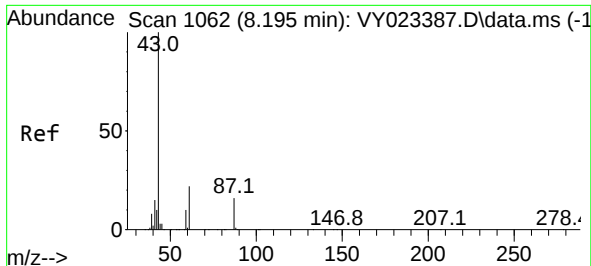


#42
1,2-Dichloroethane
Concen: 22.595 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 62 Resp: 102181
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6





#43

Isopropyl Acetate

Concen: 21.273 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023614.D

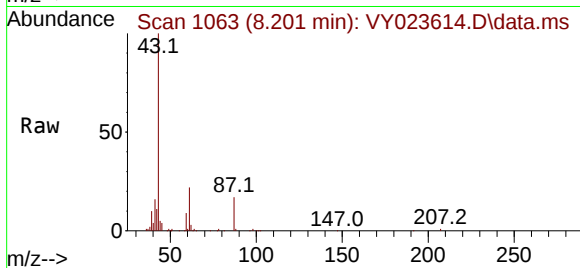
Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



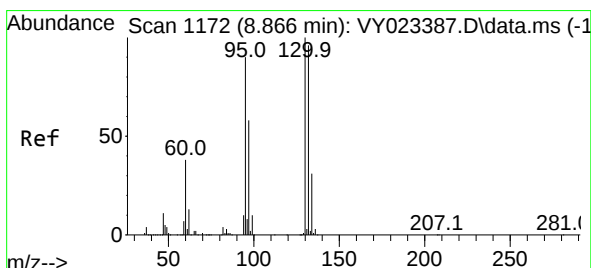
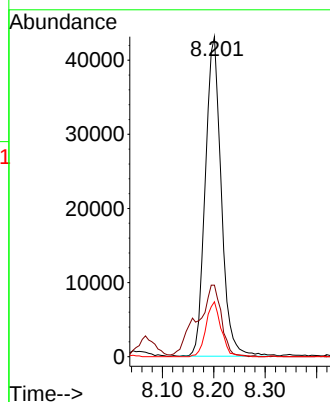
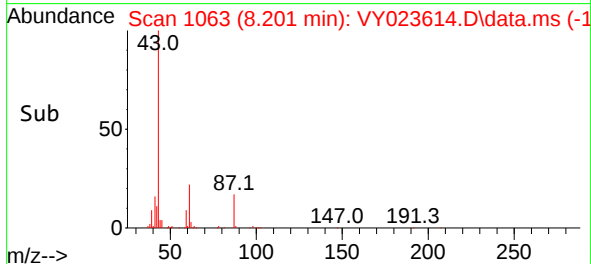
Tgt Ion: 43	Resp: 9305
Ion Ratio	Lower Upper
43	100
61	34.2 18.1 27.1
87	16.4 13.5 20.3

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#44

Trichloroethene

Concen: 22.501 ug/l

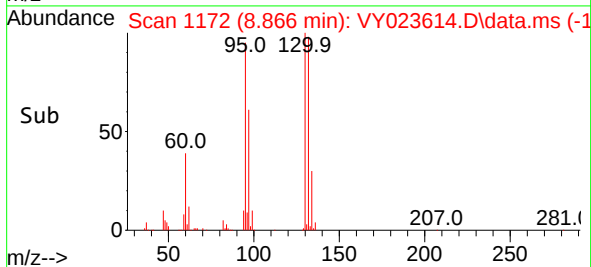
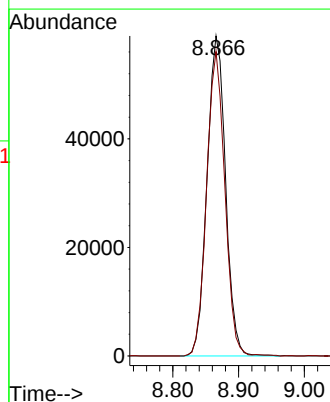
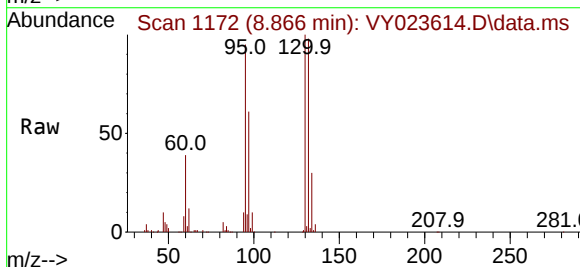
RT: 8.866 min Scan# 1172

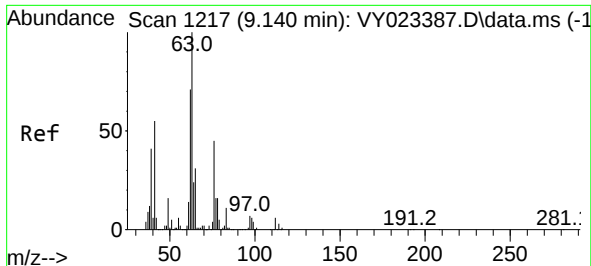
Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Tgt Ion:130	Resp: 115482
Ion Ratio	Lower Upper
130	100
95	95.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 23.112 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBSD01

Tgt Ion: 63 Resp: 89518

Ion Ratio Lower Upper

63 100

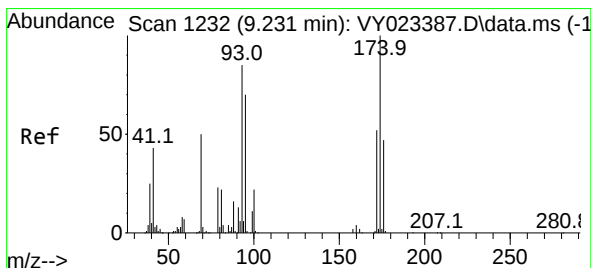
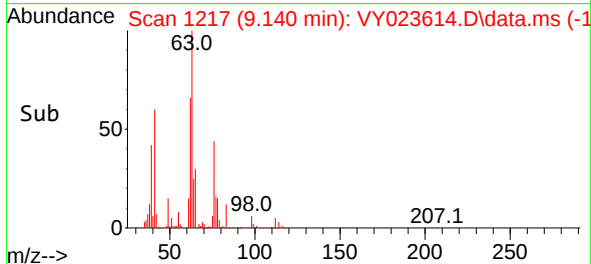
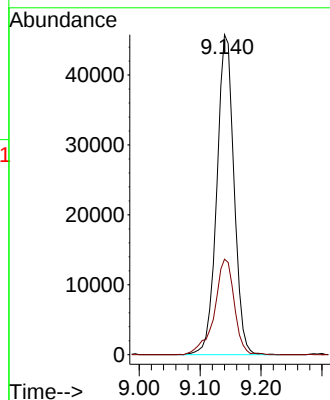
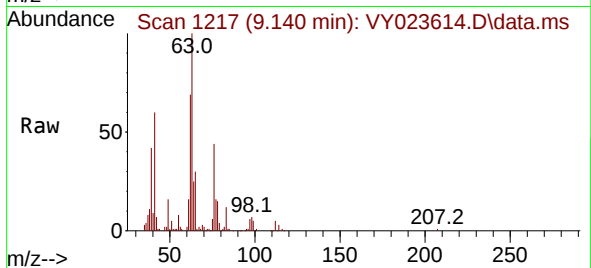
65 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#46

Dibromomethane

Concen: 22.851 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

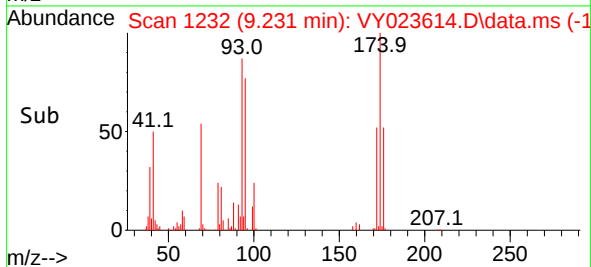
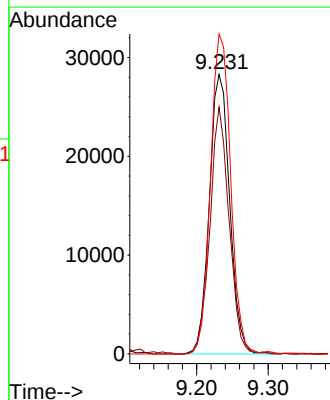
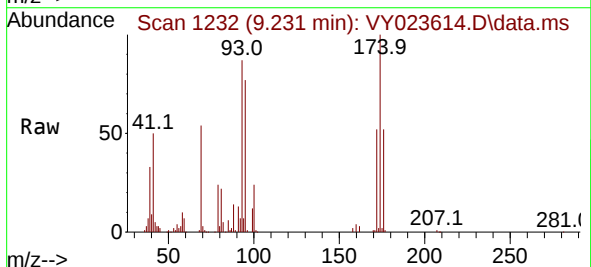
Tgt Ion: 93 Resp: 55964

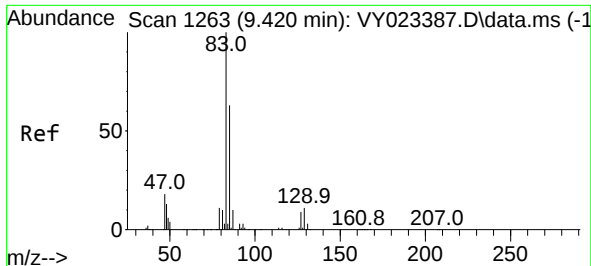
Ion Ratio Lower Upper

93 100

95 83.0 65.4 98.0

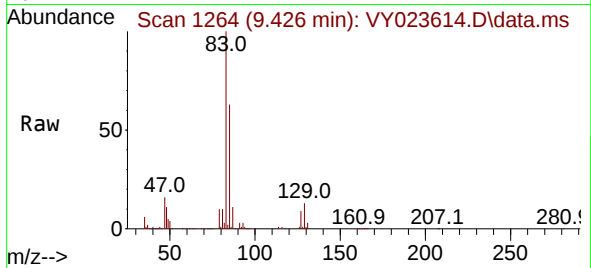
174 113.1 92.9 139.3





#47
Bromodichloromethane
Concen: 23.267 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

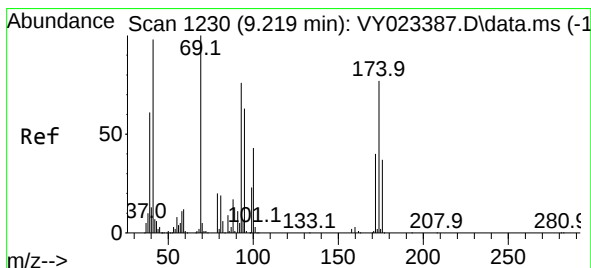
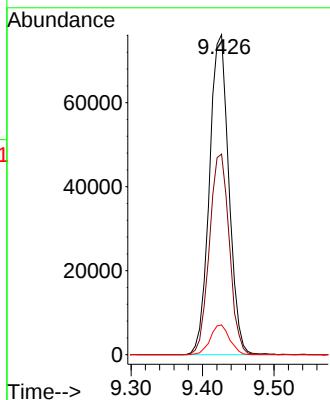
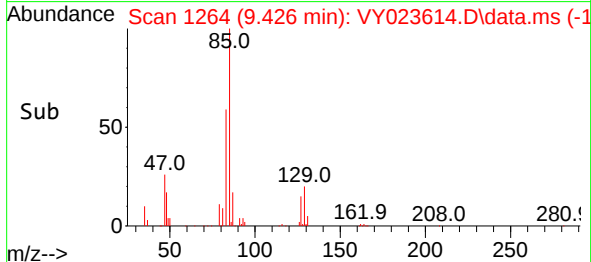
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



Tgt Ion: 83 Resp: 143512
Ion Ratio Lower Upper
83 100
85 62.7 50.8 76.2
127 9.3 7.4 11.2

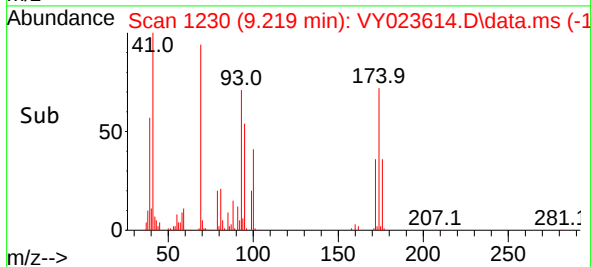
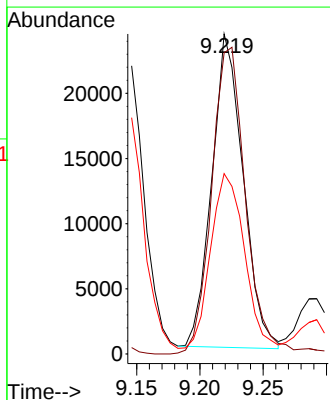
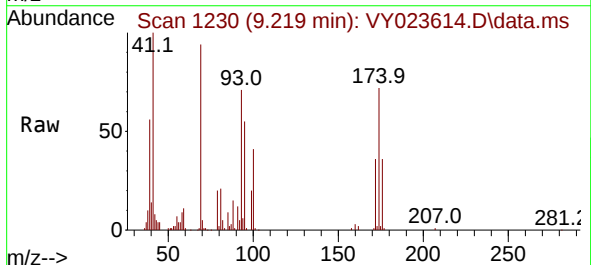
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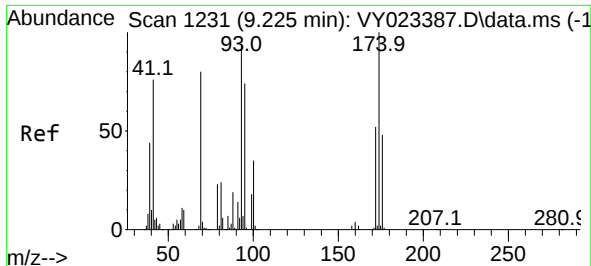
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#48
Methyl methacrylate
Concen: 20.132 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

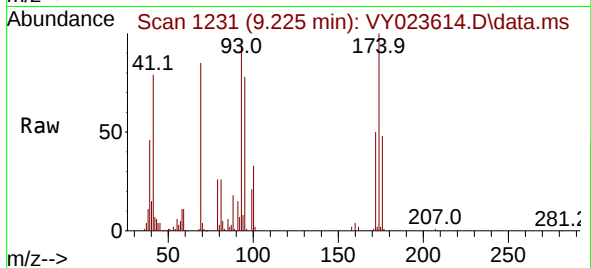
Tgt Ion: 41 Resp: 41369
Ion Ratio Lower Upper
41 100
69 107.3 81.0 121.4
39 60.5 48.2 72.4





#49
1,4-Dioxane
Concen: 398.972 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

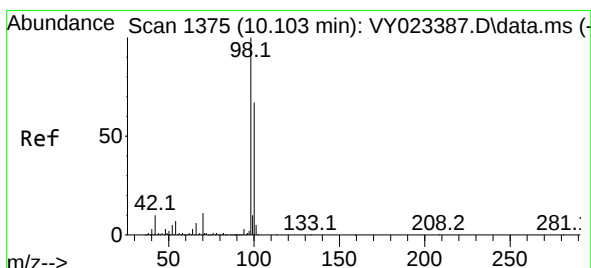
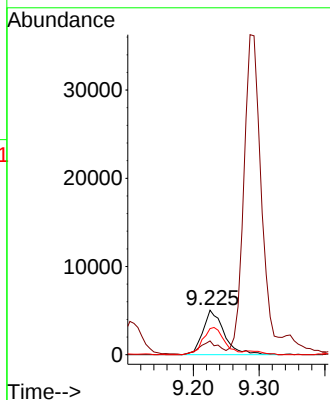
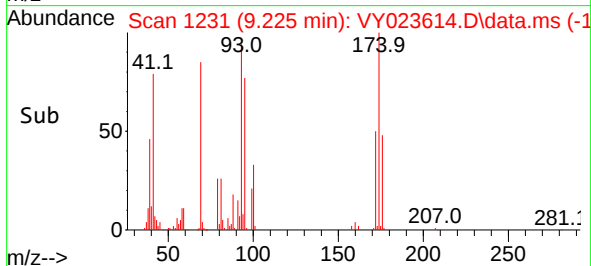
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



Tgt Ion: 88 Resp: 11329
Ion Ratio Lower Upper
88 100
43 27.7 21.8 32.8
58 62.0 46.8 70.2

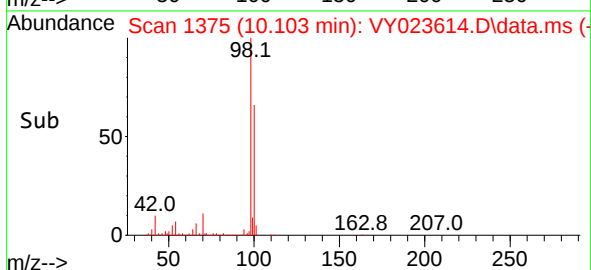
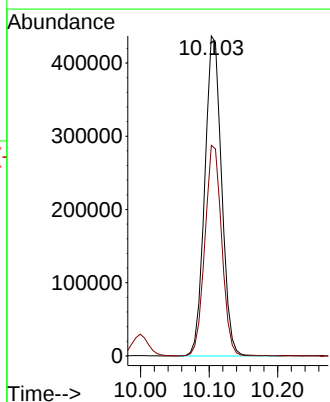
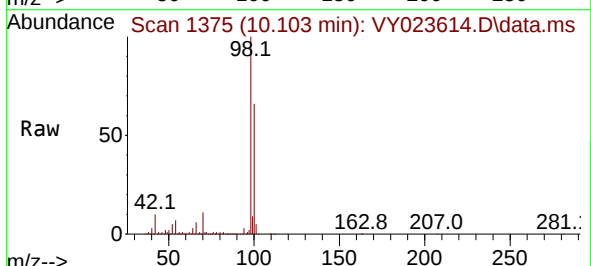
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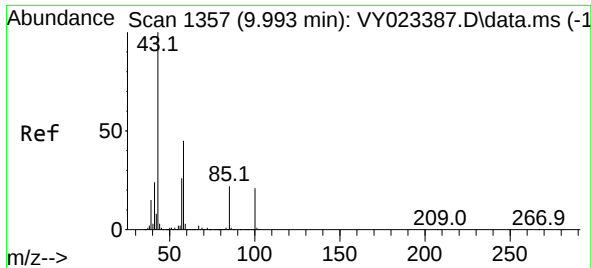
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#50
Toluene-d8
Concen: 48.073 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Tgt Ion: 98 Resp: 748766
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 109.484 ug/l

RT: 10.000 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 43 Resp: 247429

Ion Ratio Lower Upper

43 100

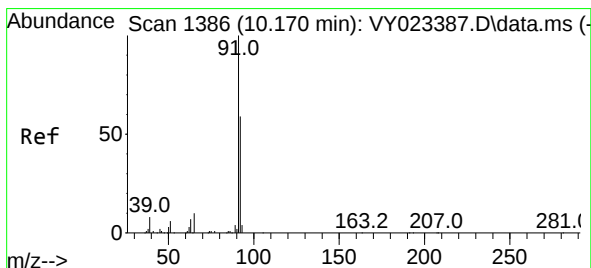
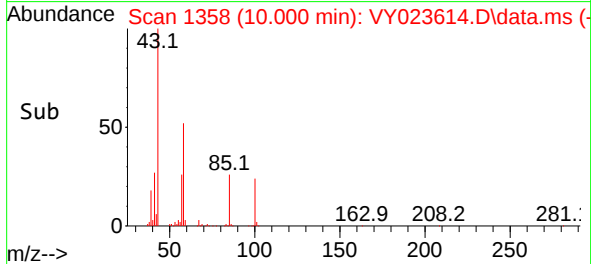
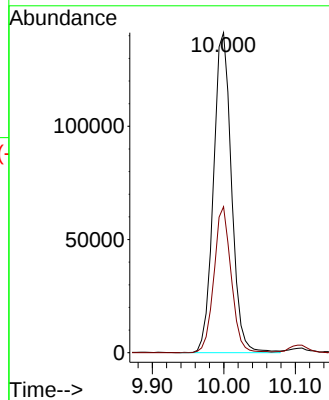
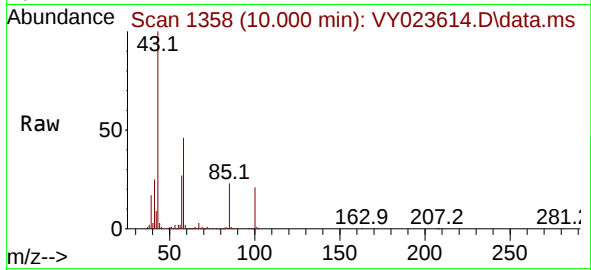
58 43.6 35.3 52.9

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#52

Toluene

Concen: 22.846 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023614.D

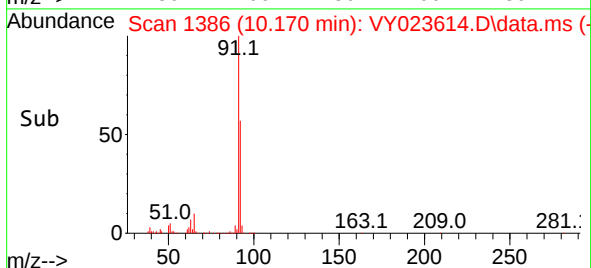
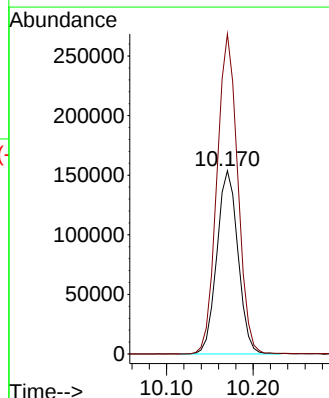
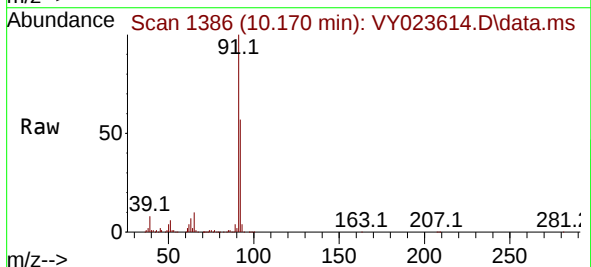
Acq: 29 Oct 2025 10:37

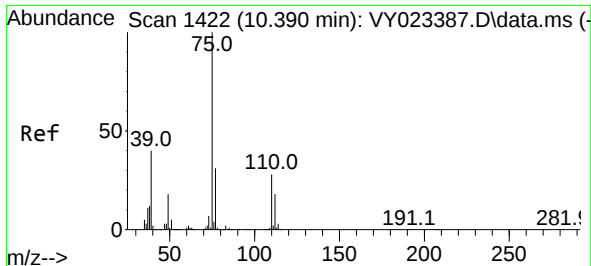
Tgt Ion: 92 Resp: 260117

Ion Ratio Lower Upper

92 100

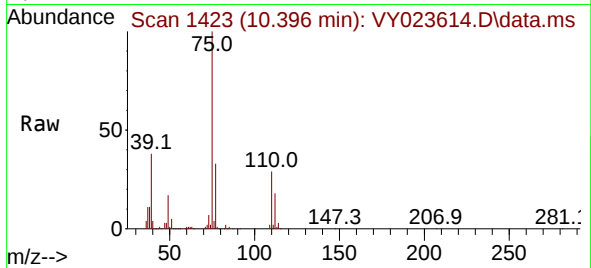
91 172.5 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 22.073 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

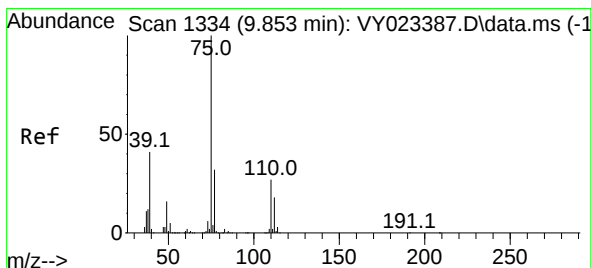
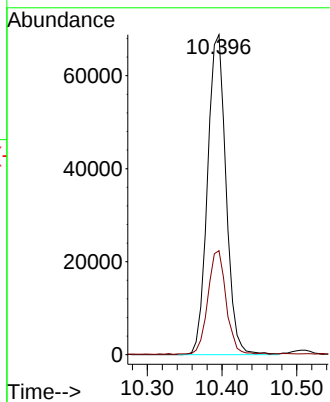
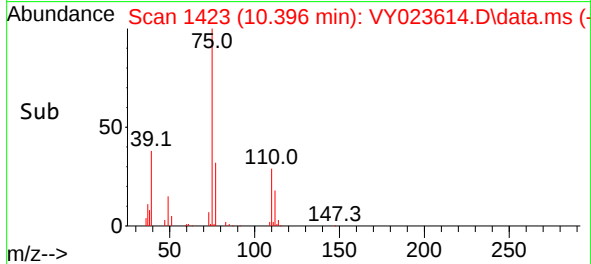
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 75 Resp: 11838
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7

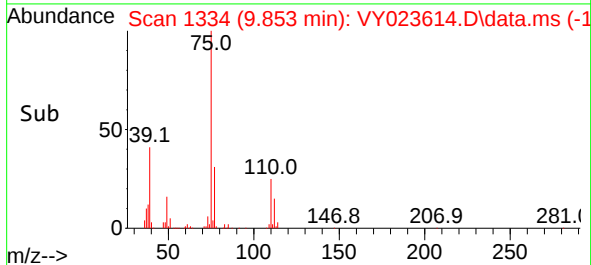
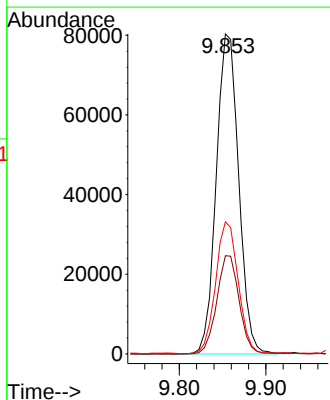
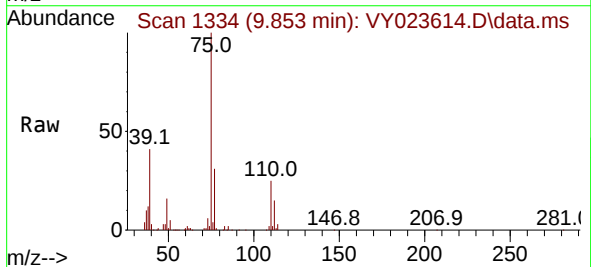
Manual Integrations
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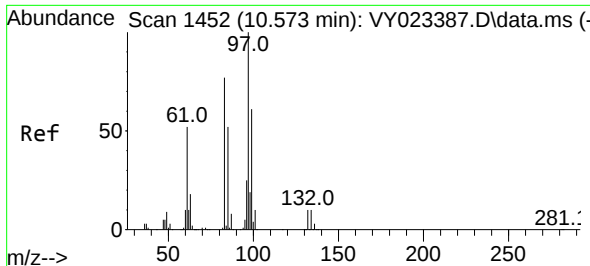
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
cis-1,3-Dichloropropene
Concen: 22.824 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

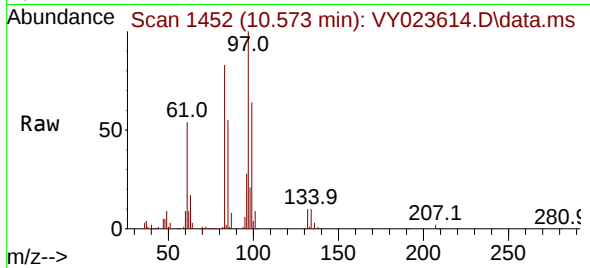
Tgt Ion: 75 Resp: 144478
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 41.2 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 23.271 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01

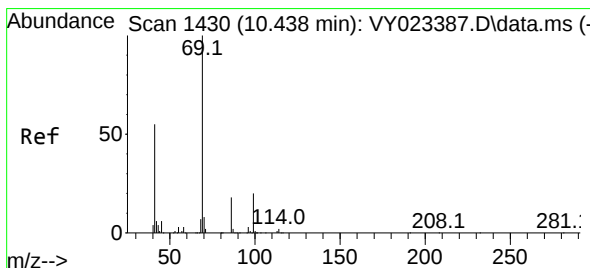
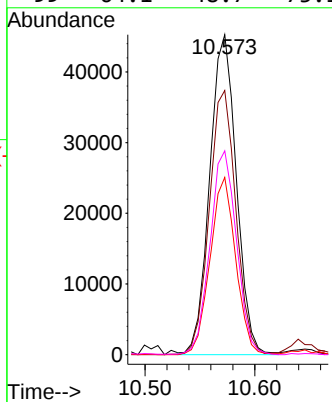
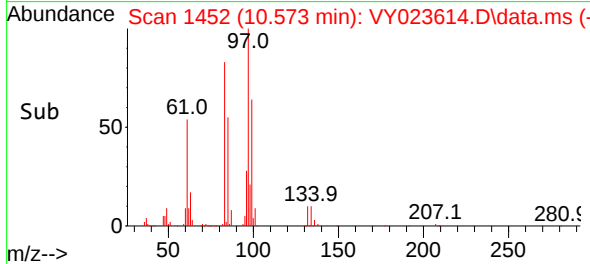


Tgt Ion: 97 Resp: 76640

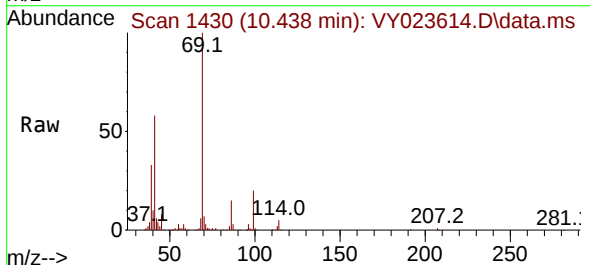
Ion	Ratio	Lower	Upper
97	100		
83	82.9	61.8	92.6
85	55.7	41.3	61.9
99	64.1	48.7	73.1

Manual Integrations
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Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

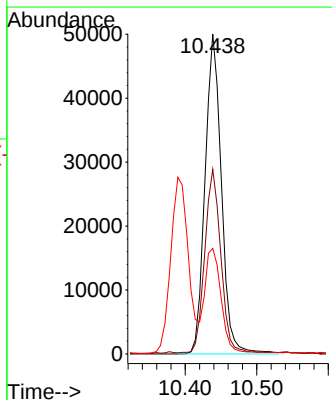
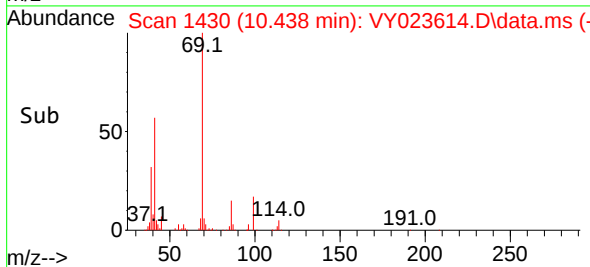


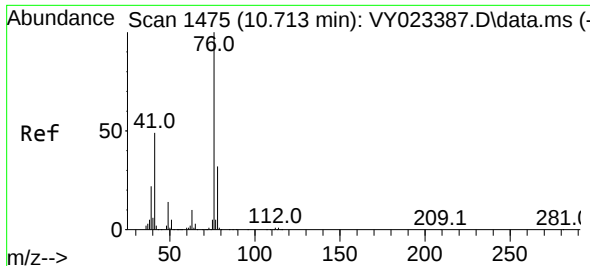
#56
Ethyl methacrylate
Concen: 20.943 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 69 Resp: 79562

Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.6	67.0
39	32.1	27.0	40.4





#57

1,3-Dichloropropane

Concen: 23.198 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023614.D

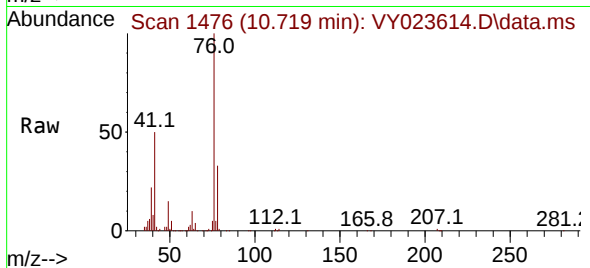
Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



Tgt Ion: 76 Resp: 121060

Ion Ratio Lower Upper

76 100

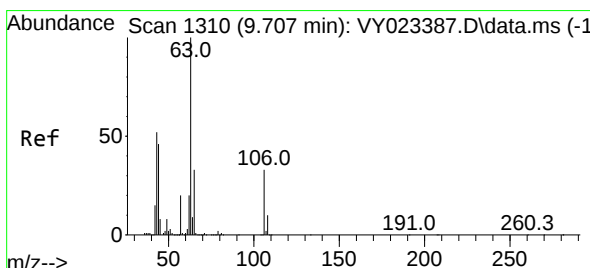
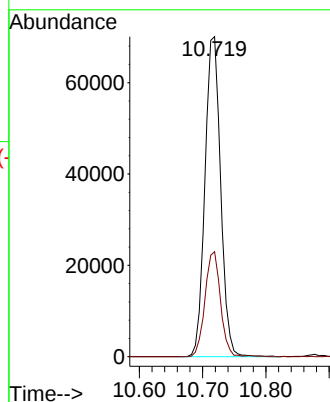
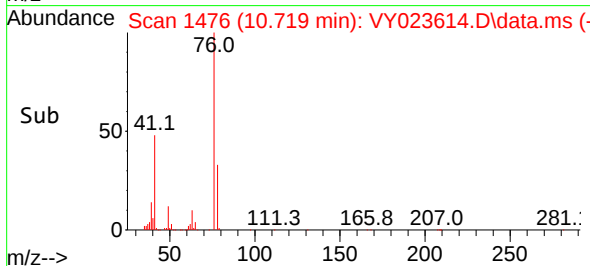
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.469 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023614.D

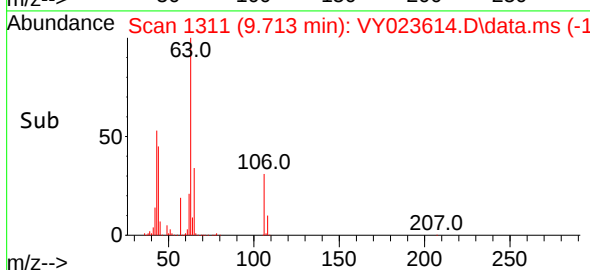
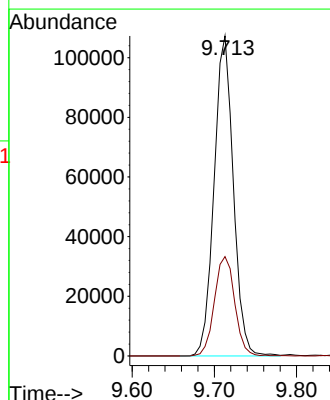
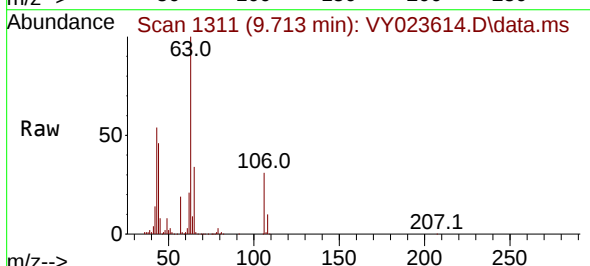
Acq: 29 Oct 2025 10:37

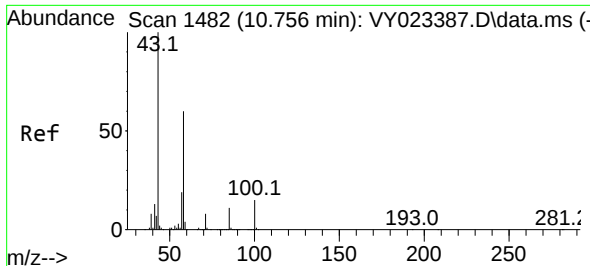
Tgt Ion: 63 Resp: 174388

Ion Ratio Lower Upper

63 100

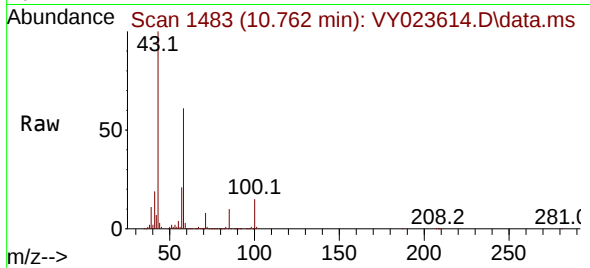
106 32.7 26.6 39.8





#59
2-Hexanone
Concen: 122.368 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

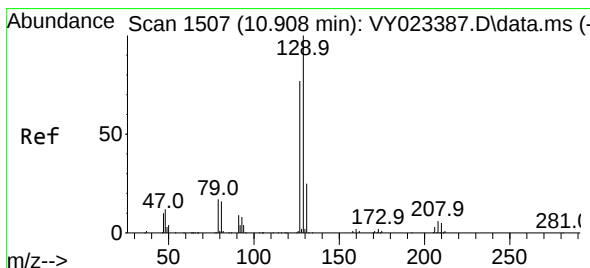
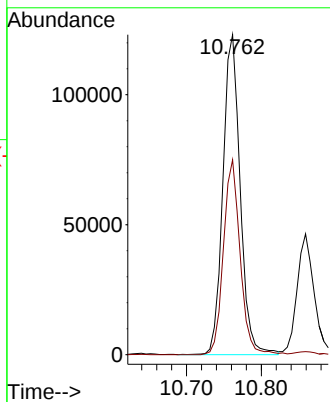
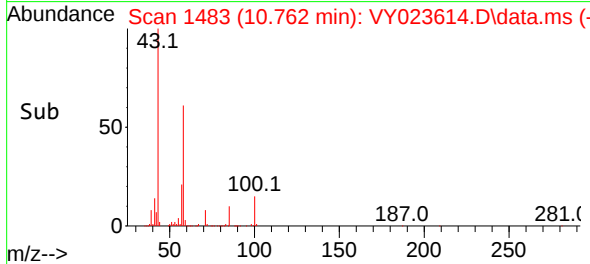
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 43 Resp: 197632
Ion Ratio Lower Upper
43 100
58 58.9 30.5 91.5

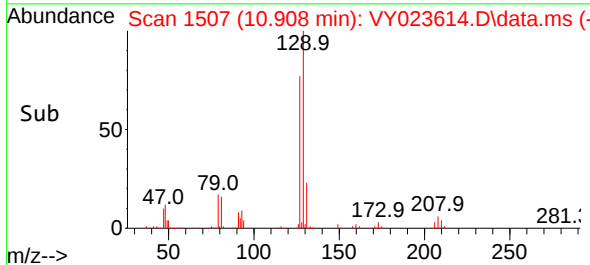
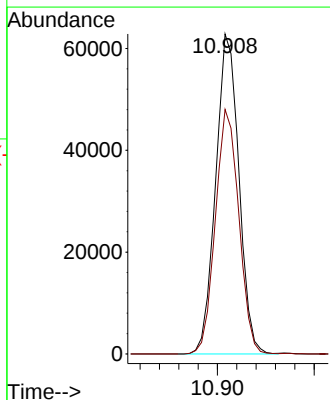
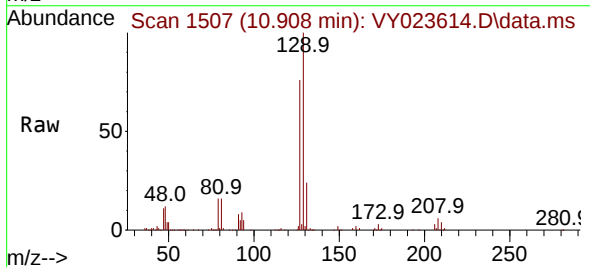
Manual Integrations
APPROVED

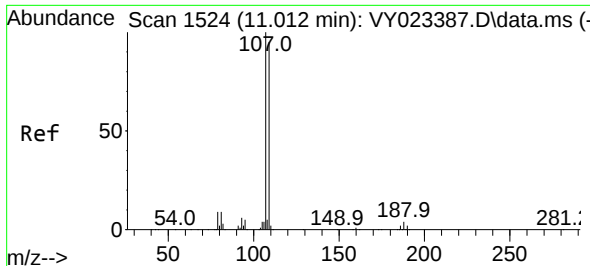
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
Dibromochloromethane
Concen: 22.649 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

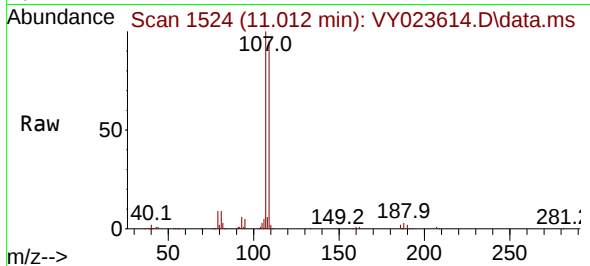
Tgt Ion:129 Resp: 104580
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 22.555 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

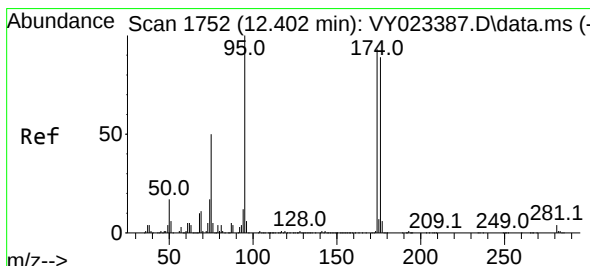
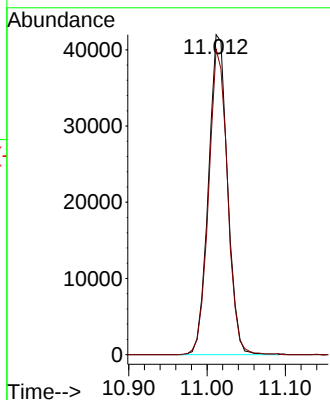
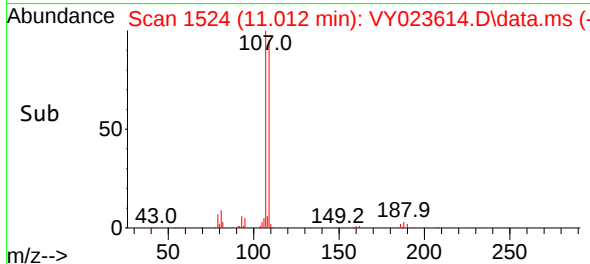
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion:107 Resp: 7084
Ion Ratio Lower Upper
107 100
109 94.8 76.1 114.1

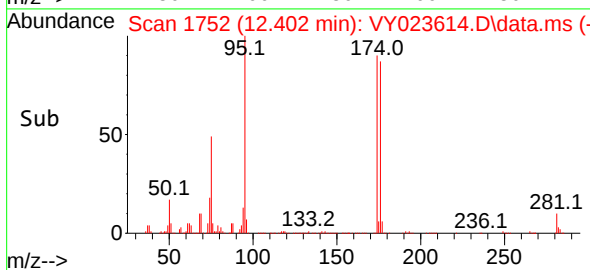
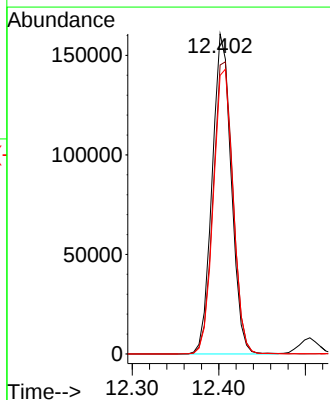
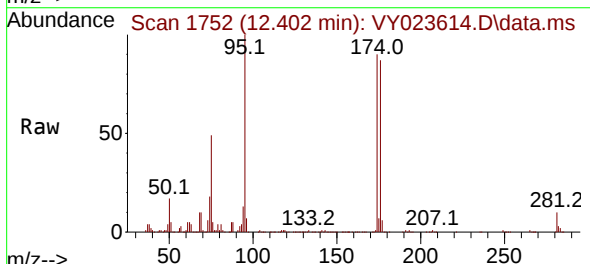
Manual Integrations
APPROVED

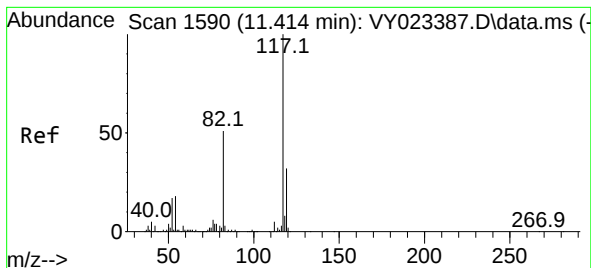
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

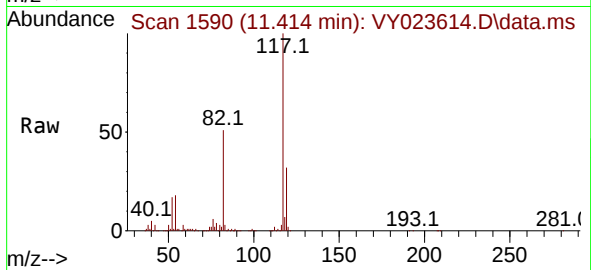
Tgt Ion: 95 Resp: 246985
Ion Ratio Lower Upper
95 100
174 94.9 0.0 192.8
176 91.7 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

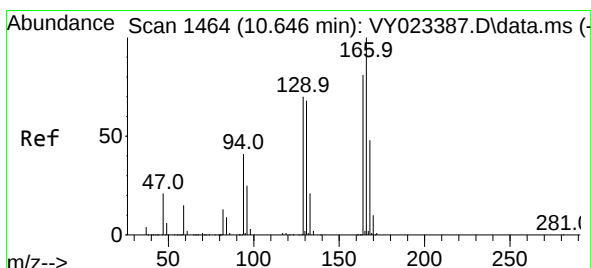
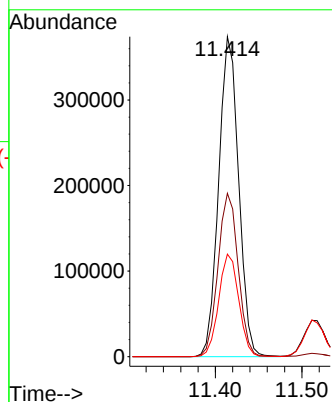
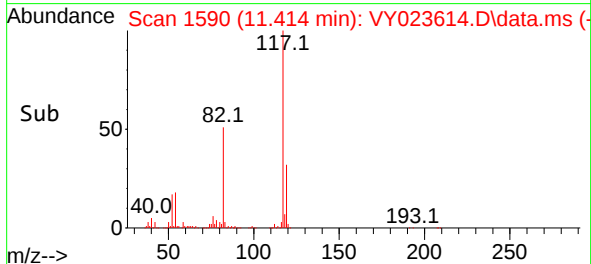
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



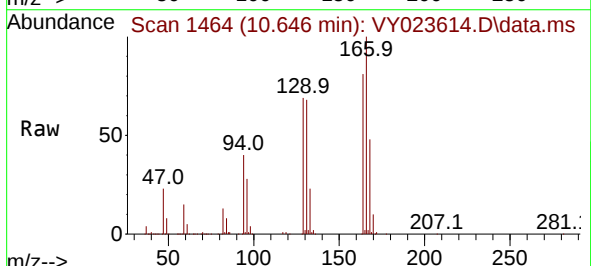
Tgt Ion:117 Resp: 598909
Ion Ratio Lower Upper
117 100
82 51.0 41.0 61.4
119 32.1 25.6 38.4

Manual Integrations
APPROVED

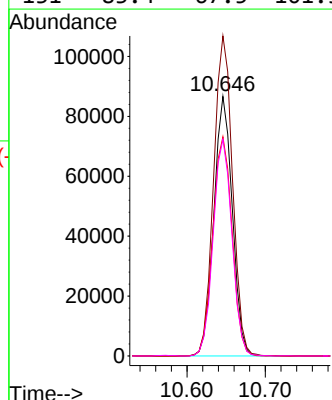
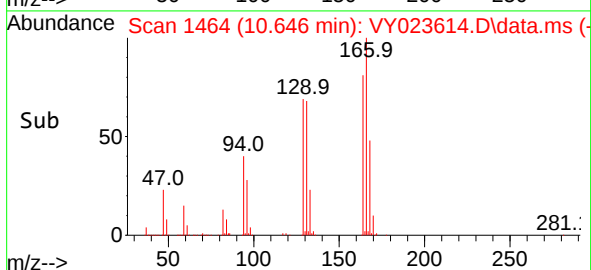
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

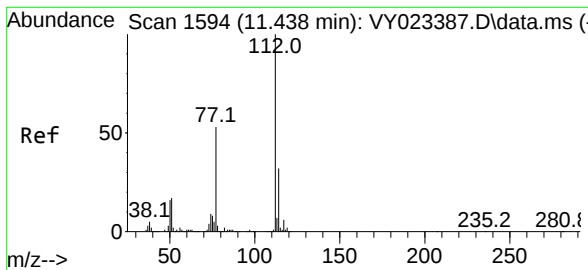


#64
Tetrachloroethene
Concen: 23.034 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



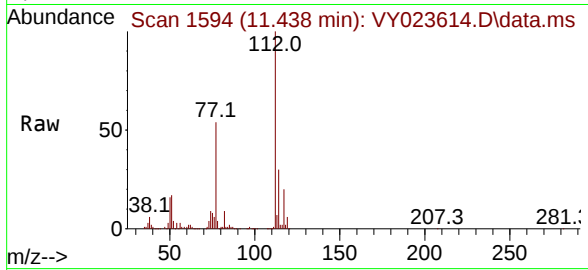
Tgt Ion:164 Resp: 142440
Ion Ratio Lower Upper
164 100
166 123.3 99.4 149.0
129 84.5 69.4 104.2
131 83.4 67.5 101.3





#65
Chlorobenzene
Concen: 22.796 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

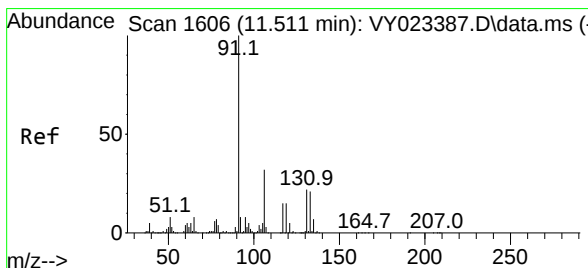
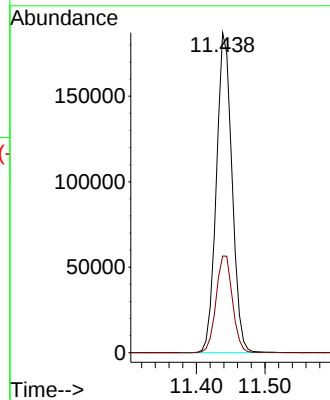
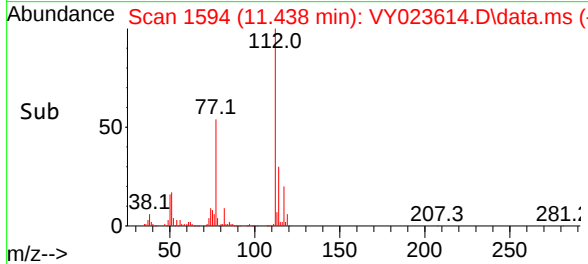
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



Tgt Ion:112 Resp: 296938
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4

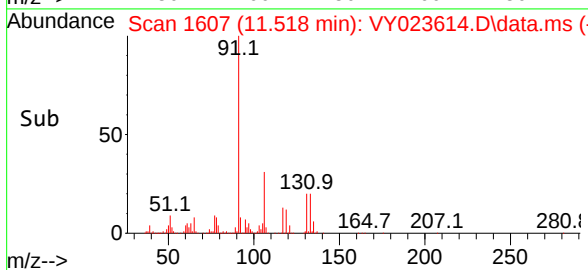
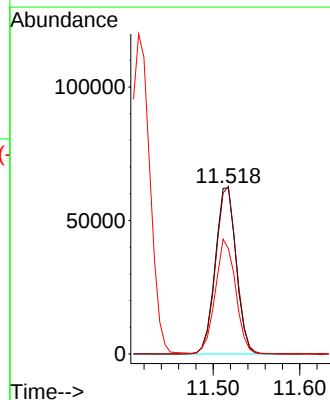
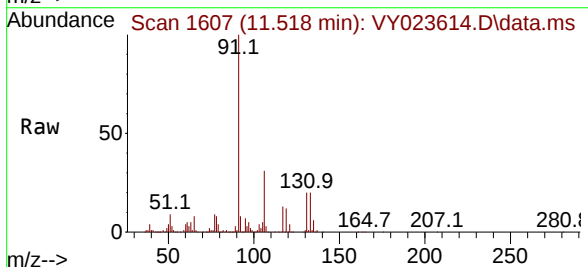
Manual Integrations
APPROVED

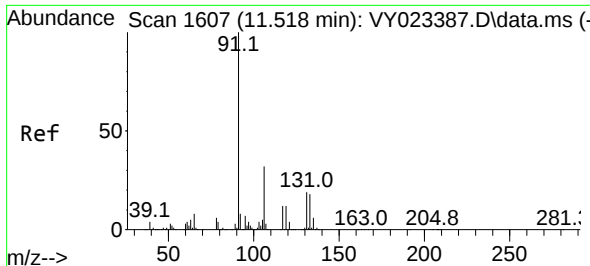
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.504 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

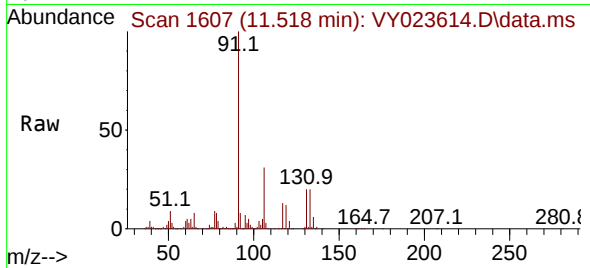
Tgt Ion:131 Resp: 104459
Ion Ratio Lower Upper
131 100
133 99.5 48.4 145.2
119 67.4 32.4 97.2





#67
Ethyl Benzene
Concen: 22.580 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

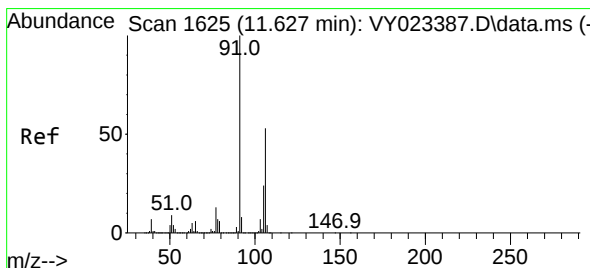
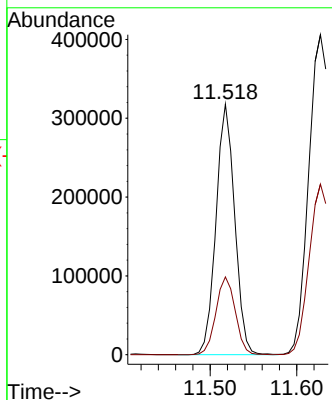
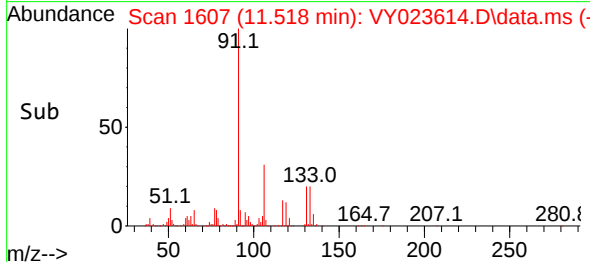
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



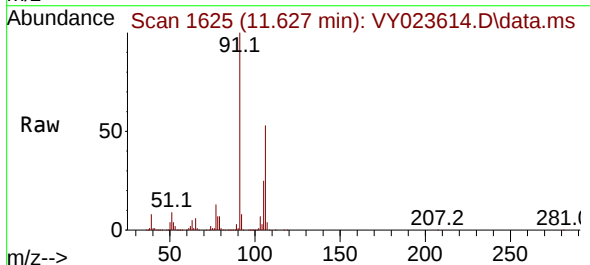
Tgt Ion: 91 Resp: 476104
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8

Manual Integrations
APPROVED

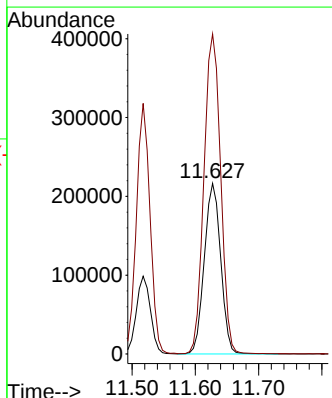
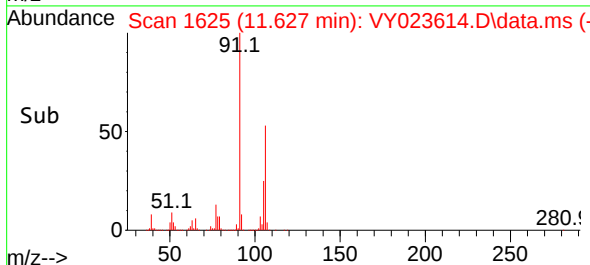
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

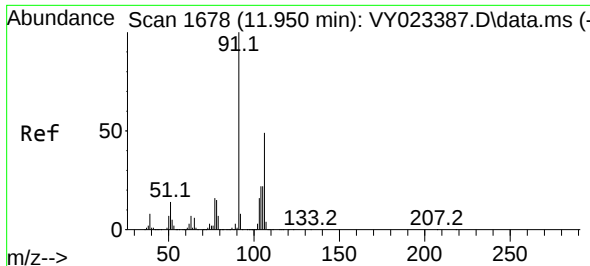


#68
m/p-Xylenes
Concen: 46.095 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



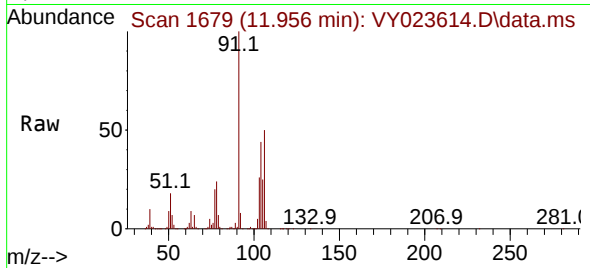
Tgt Ion:106 Resp: 389834
Ion Ratio Lower Upper
106 100
91 190.7 152.6 229.0





#69
o-Xylene
Concen: 22.332 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

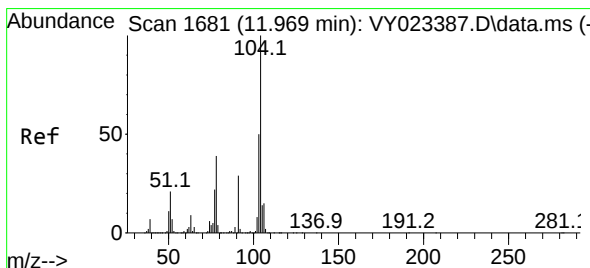
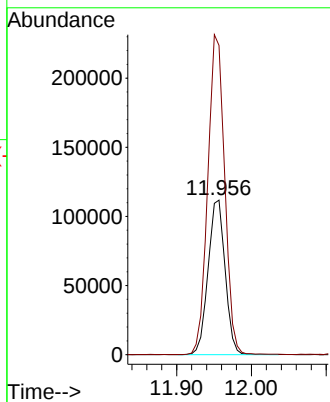
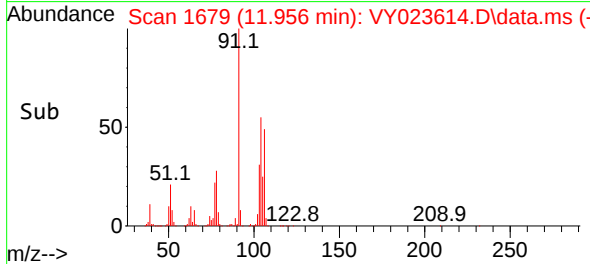
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



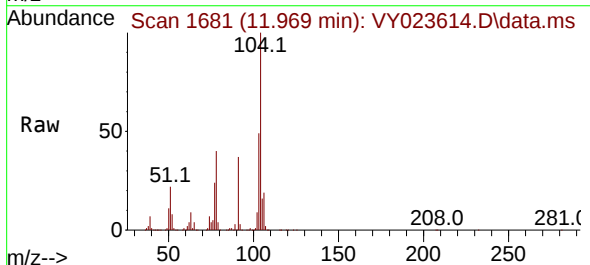
Tgt Ion:106 Resp: 177150
Ion Ratio Lower Upper
106 100
91 205.1 101.4 304.1

Manual Integrations
APPROVED

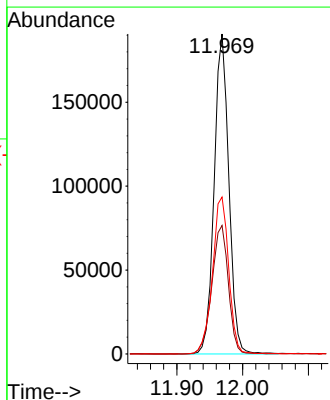
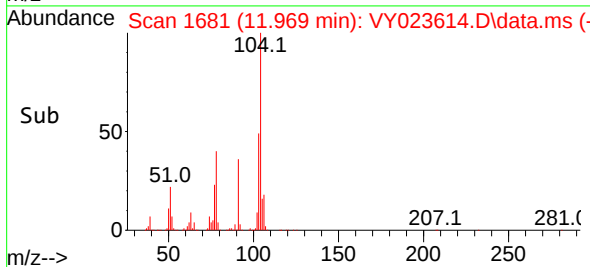
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

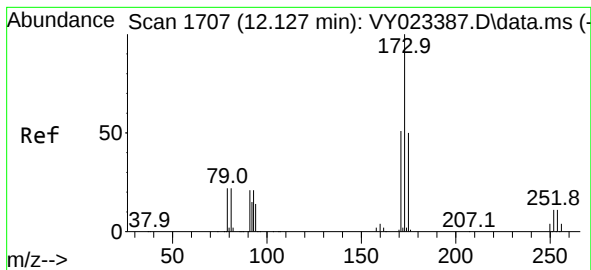


#70
Styrene
Concen: 22.717 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion:104 Resp: 296335
Ion Ratio Lower Upper
104 100
78 45.3 36.1 54.1
103 54.4 43.2 64.8





#71

Bromoform

Concen: 21.990 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

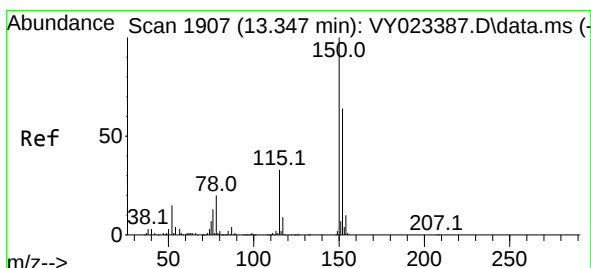
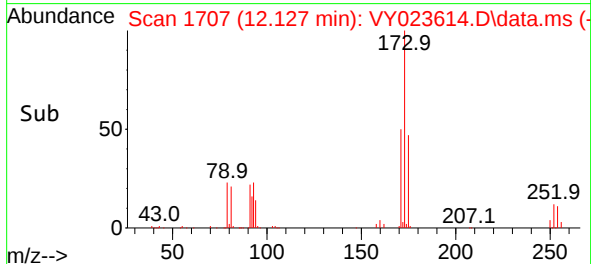
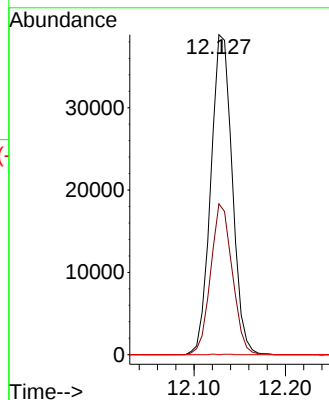
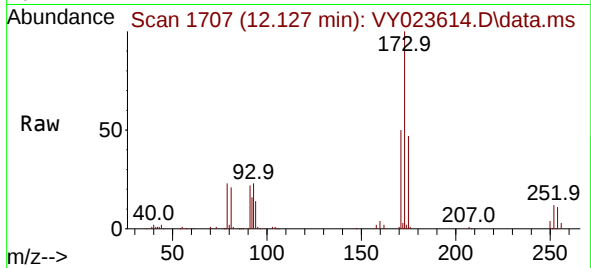
Tgt Ion:173 Resp: 63315
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.8 74.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

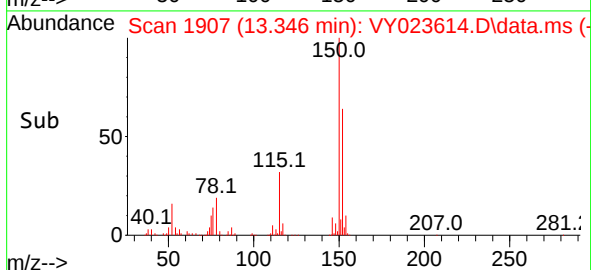
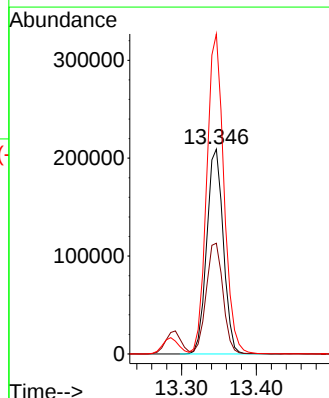
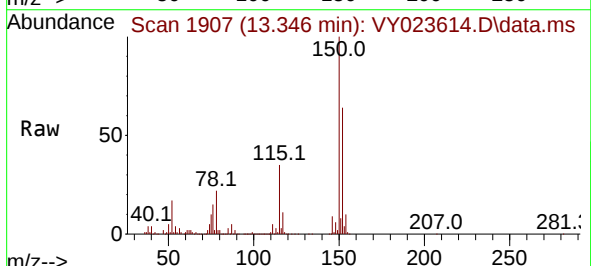
RT: 13.346 min Scan# 1907

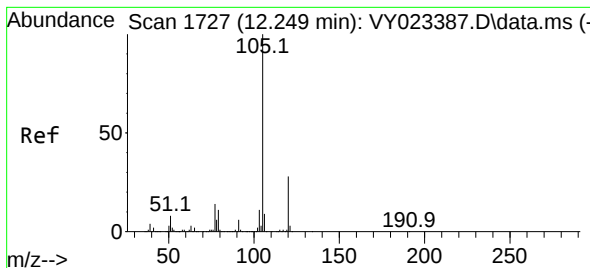
Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Tgt Ion:152 Resp: 321575
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.2
 150 161.9 0.0 347.4





#73

Isopropylbenzene

Concen: 22.028 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion:105 Resp: 46681

Ion Ratio Lower Upper

105 100

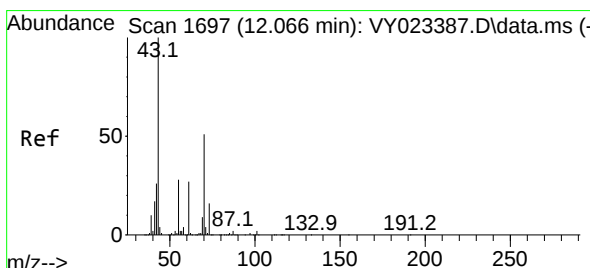
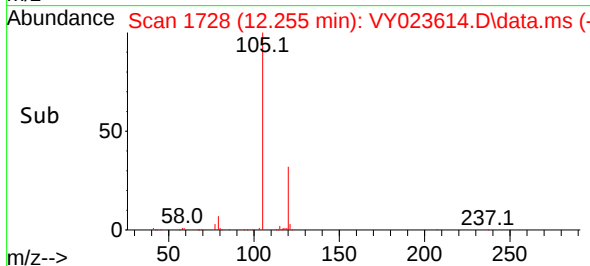
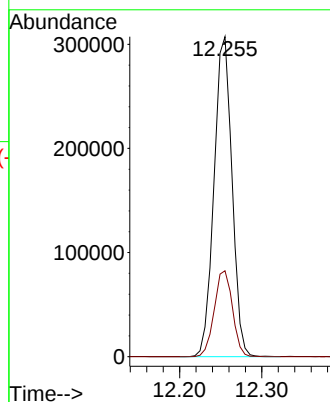
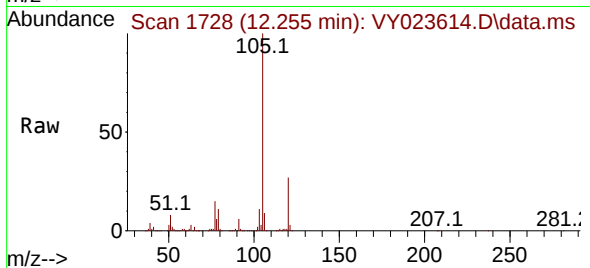
120 27.2 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#74

N-ethyl acetate

Concen: 20.236 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

Tgt Ion: 43 Resp: 77028

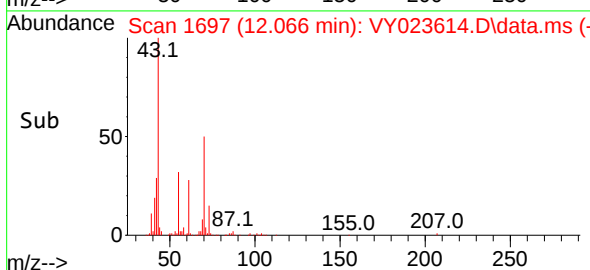
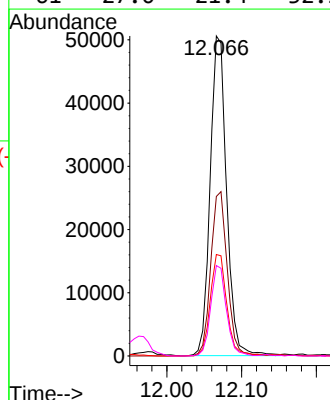
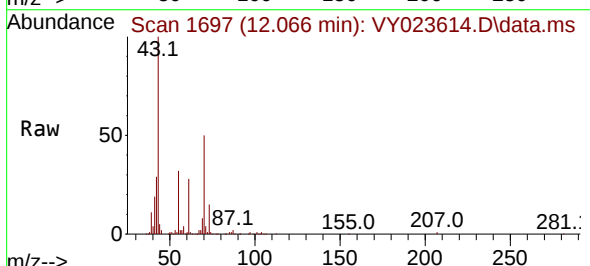
Ion Ratio Lower Upper

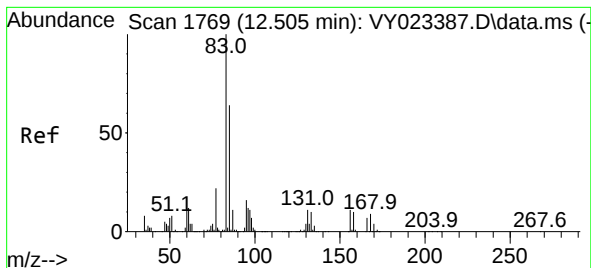
43 100

70 51.8 41.1 61.7

55 32.0 23.0 34.6

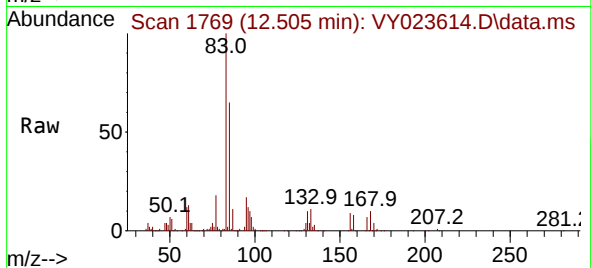
61 27.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.626 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

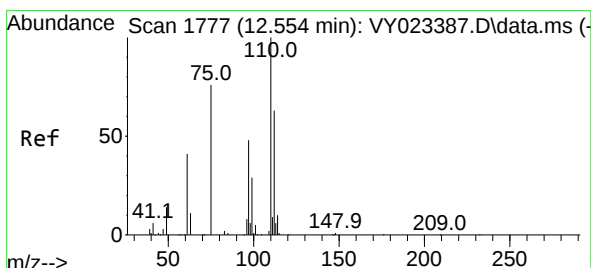
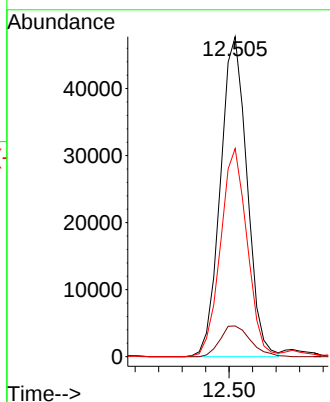
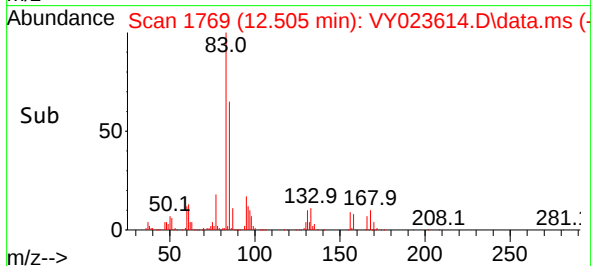
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



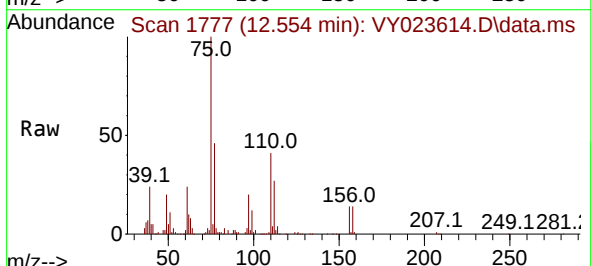
Tgt Ion: 83 Resp: 74958
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.6
85 65.2 31.8 95.3

Manual Integrations
APPROVED

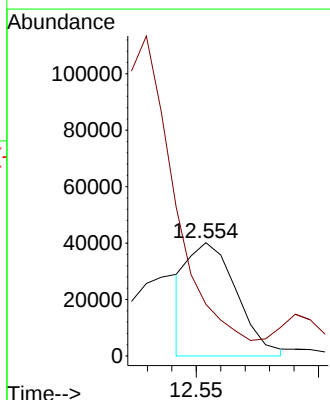
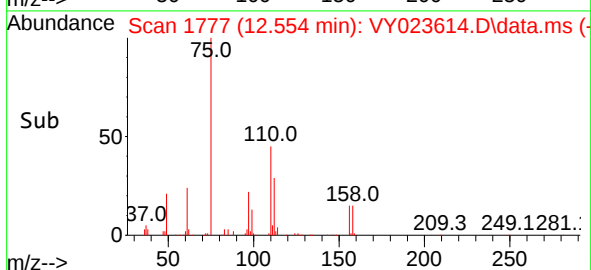
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

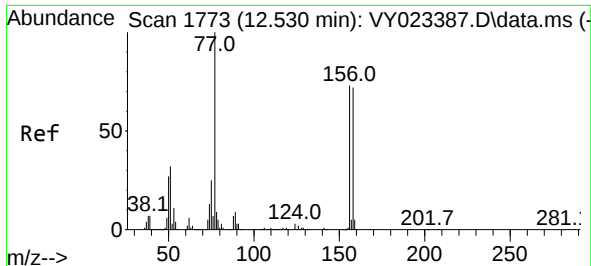


#76
1,2,3-Trichloropropane
Concen: 19.677 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



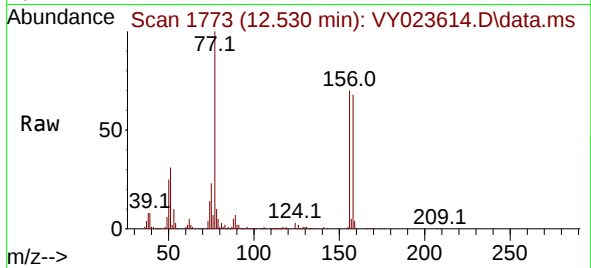
Tgt Ion: 75 Resp: 55828
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.717 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

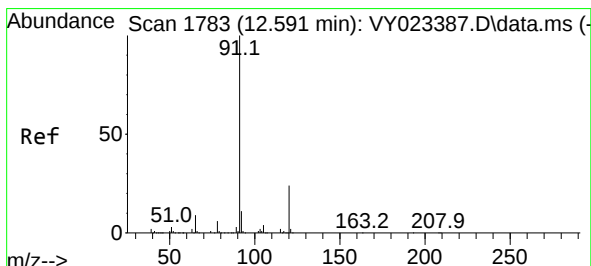
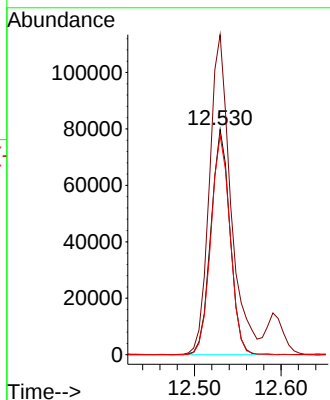
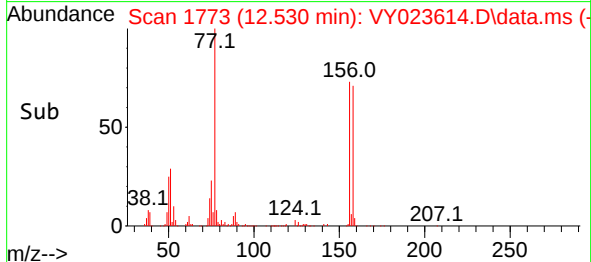
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



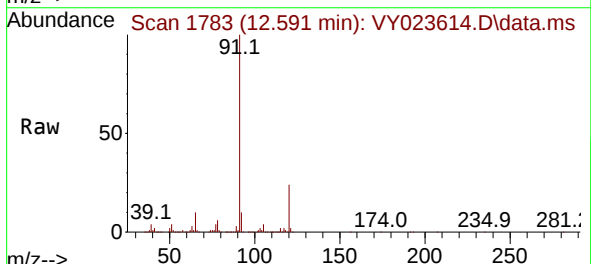
Tgt Ion:156 Resp: 122354
Ion Ratio Lower Upper
156 100
77 158.4 76.8 230.5
158 97.5 49.0 147.2

Manual Integrations
APPROVED

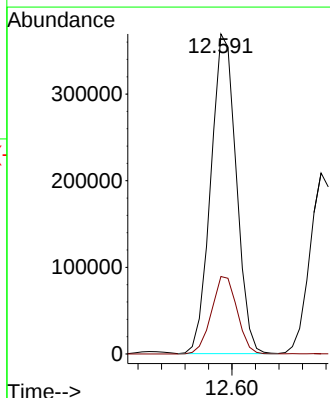
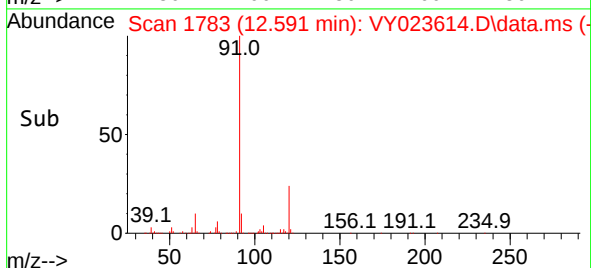
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

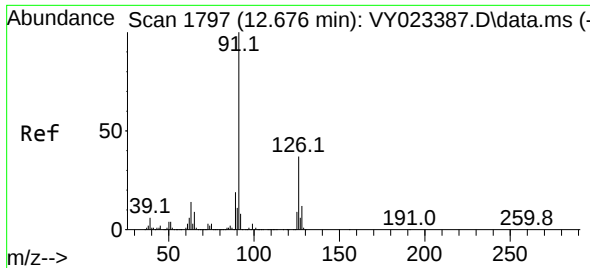


#78
n-propylbenzene
Concen: 22.627 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 91 Resp: 554891
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8





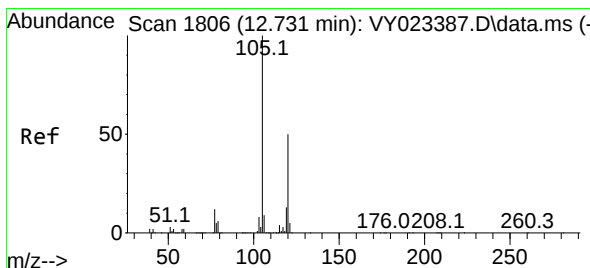
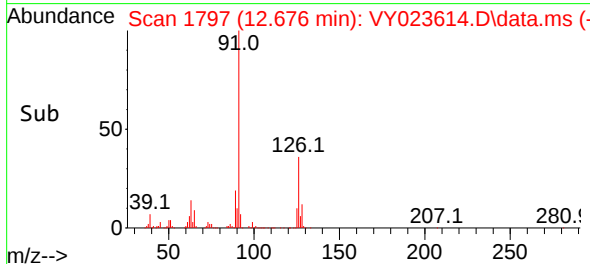
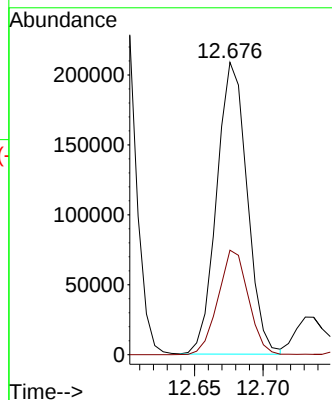
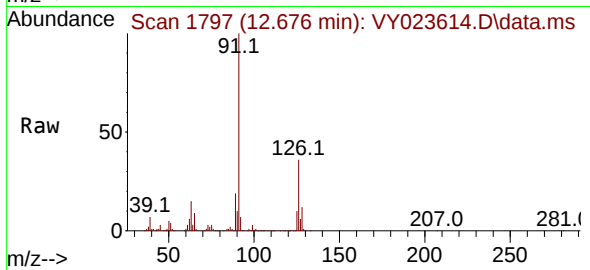
#79
2-Chlorotoluene
Concen: 22.475 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01

Tgt Ion: 91 Resp: 32276
Ion Ratio Lower Upper
91 100
126 35.6 18.5 55.5

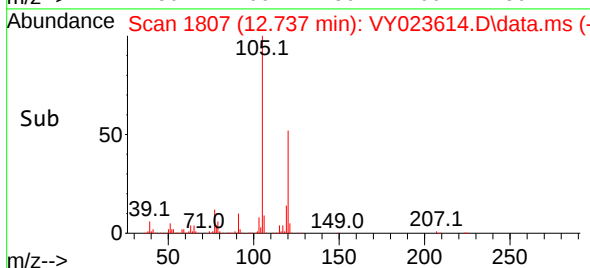
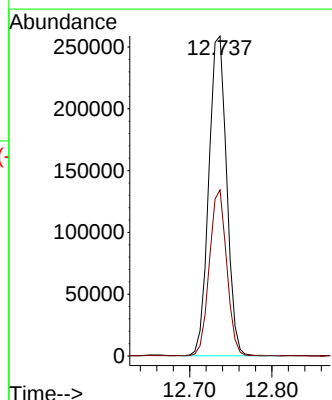
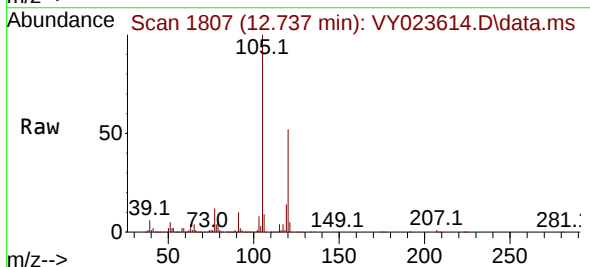
Manual Integrations
APPROVED

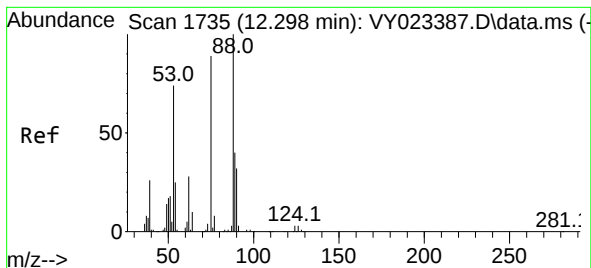
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.774 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

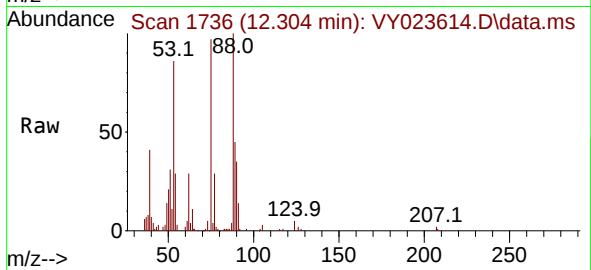
Tgt Ion:105 Resp: 389996
Ion Ratio Lower Upper
105 100
120 50.2 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.965 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

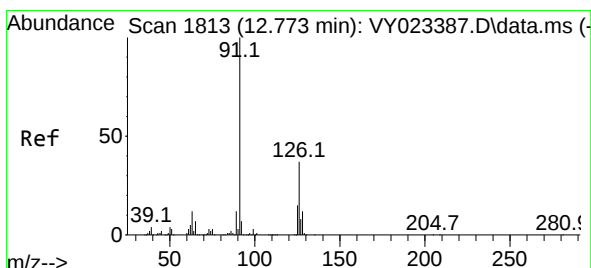
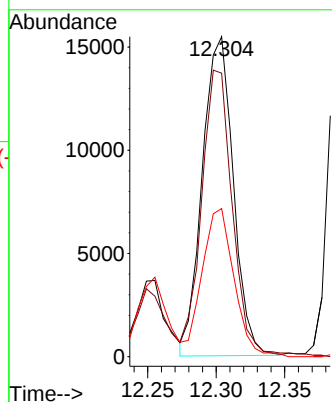
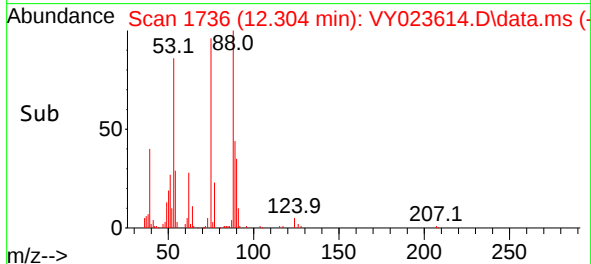
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 75 Resp: 24250
Ion Ratio Lower Upper
75 100
53 90.0 68.6 102.8
89 48.2 39.0 58.4

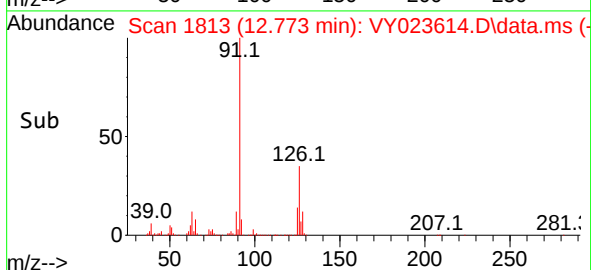
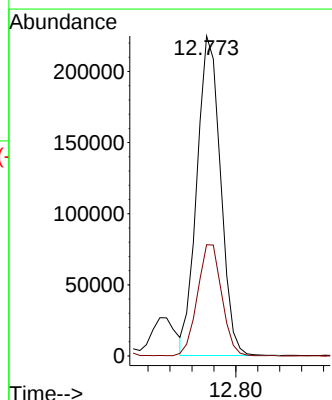
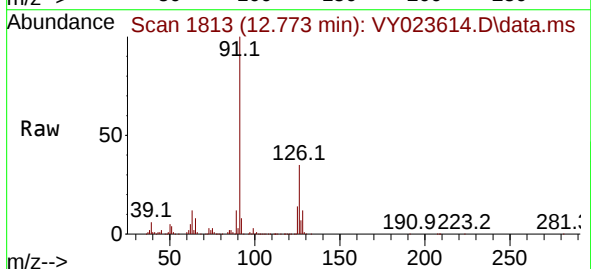
Manual Integrations
APPROVED

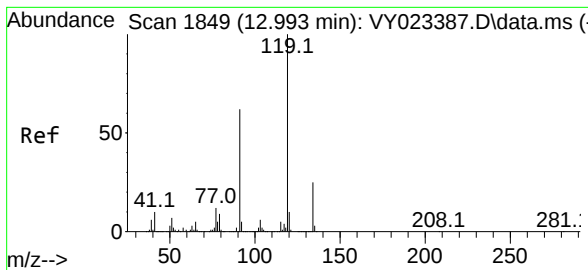
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#82
4-Chlorotoluene
Concen: 22.723 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

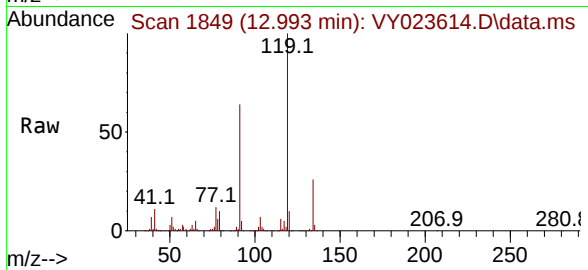
Tgt Ion: 91 Resp: 336079
Ion Ratio Lower Upper
91 100
126 36.0 18.4 55.4





#83
tert-Butylbenzene
Concen: 22.072 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

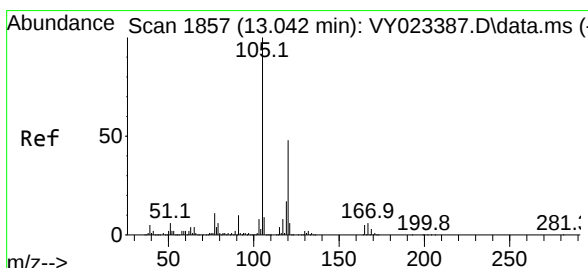
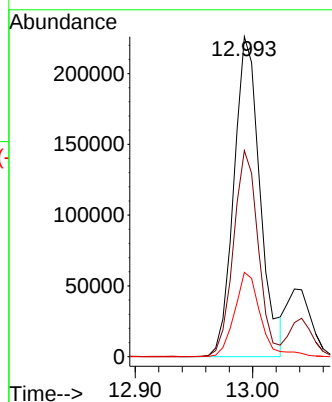
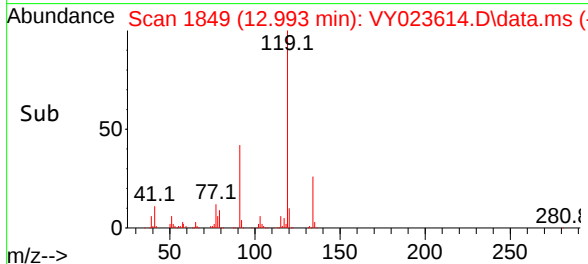
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



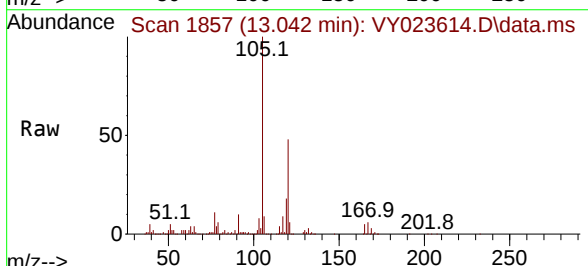
Tgt Ion:119 Resp: 348993
Ion Ratio Lower Upper
119 100
91 61.3 29.9 89.8
134 26.2 12.9 38.7

Manual Integrations
APPROVED

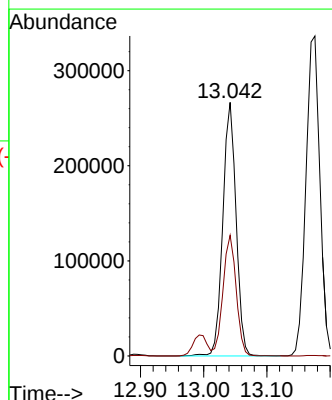
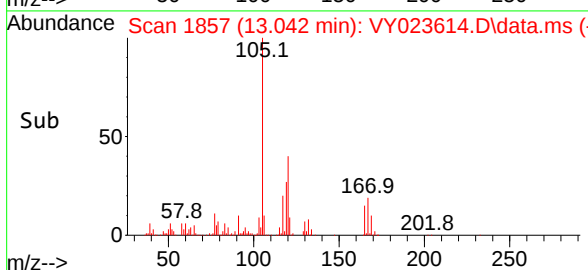
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

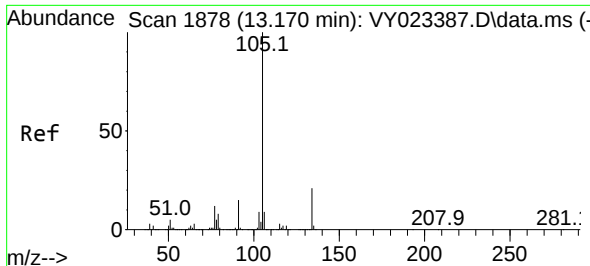


#84
1,2,4-Trimethylbenzene
Concen: 22.627 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



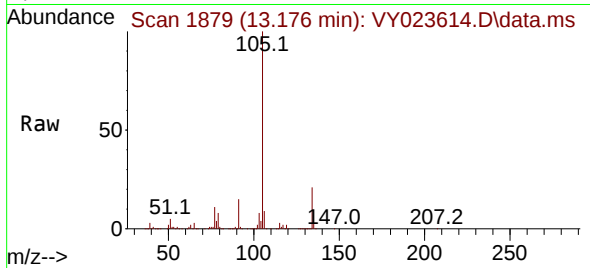
Tgt Ion:105 Resp: 386702
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 22.598 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023614.D
 Acq: 29 Oct 2025 10:37

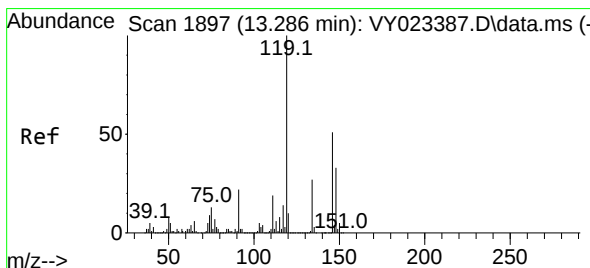
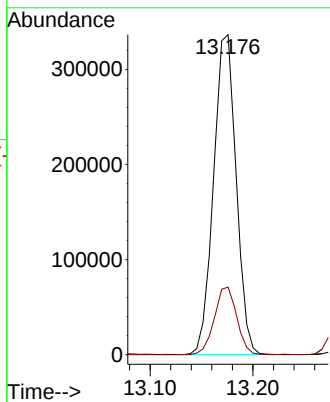
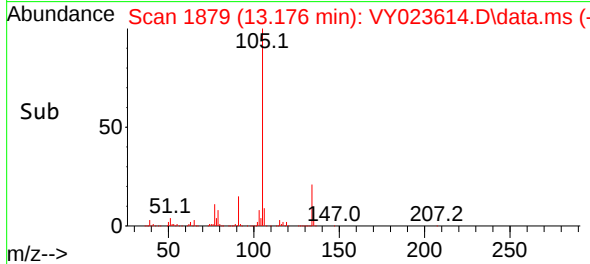
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBSD01



Tgt Ion:105 Resp: 51256
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 32.1

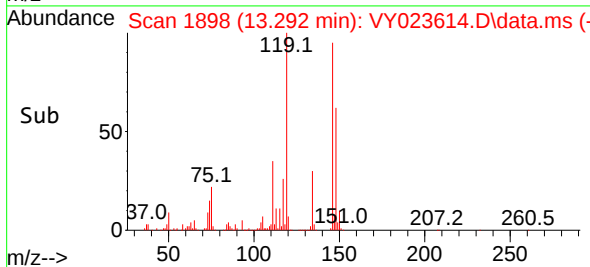
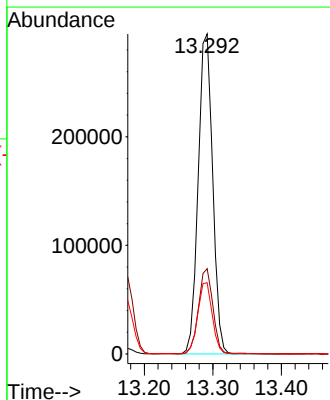
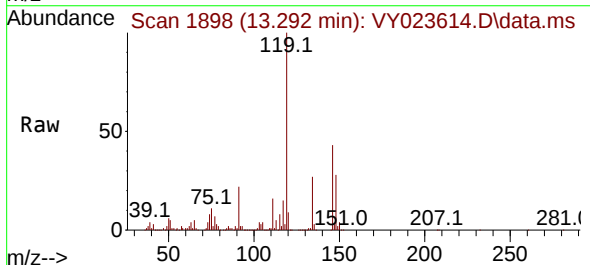
Manual Integrations
 APPROVED

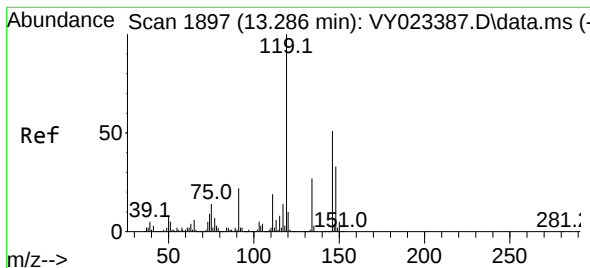
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#86
 p-Isopropyltoluene
 Concen: 22.438 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023614.D
 Acq: 29 Oct 2025 10:37

Tgt Ion:119 Resp: 433315
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 22.115 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023614.D

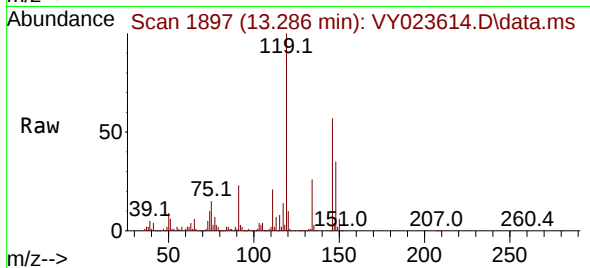
Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



Tgt Ion:146 Resp: 242630

Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

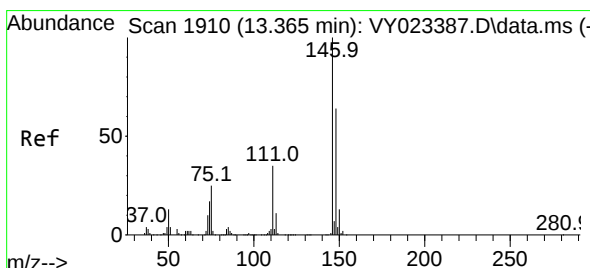
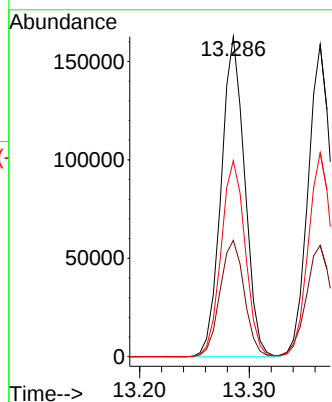
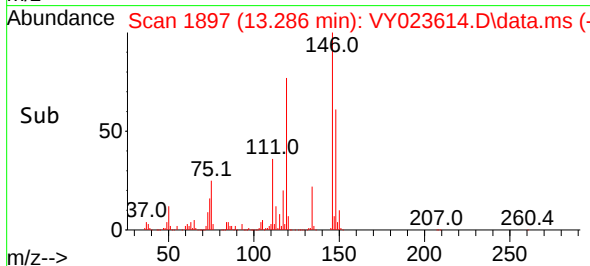
148 62.9 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,4-Dichlorobenzene

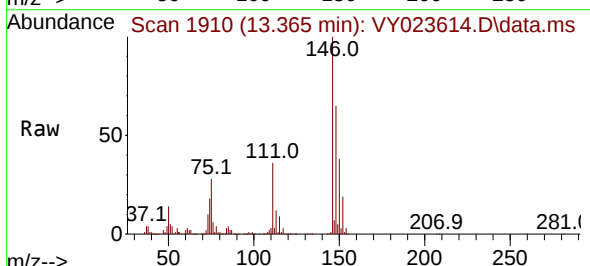
Concen: 21.936 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37



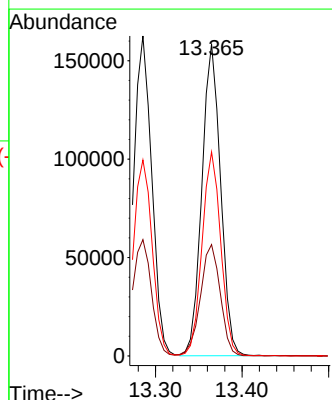
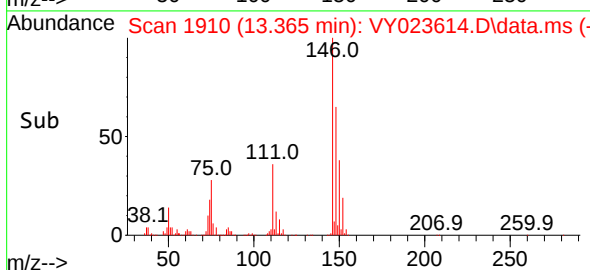
Tgt Ion:146 Resp: 237683

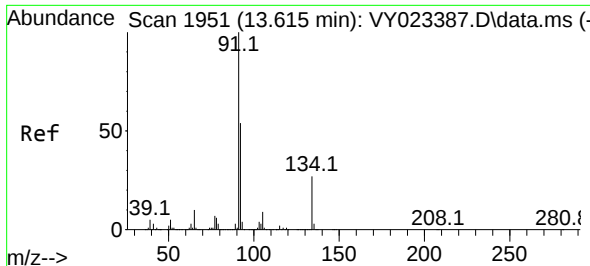
Ion Ratio Lower Upper

146 100

111 37.9 18.0 54.0

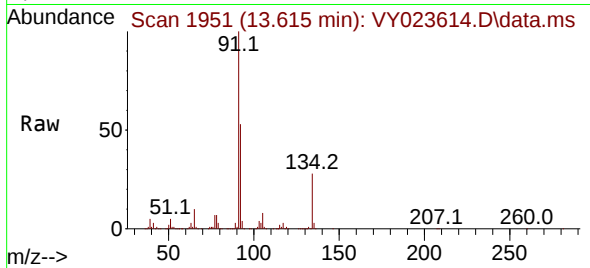
148 65.4 31.9 95.7





#89
n-Butylbenzene
Concen: 22.025 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

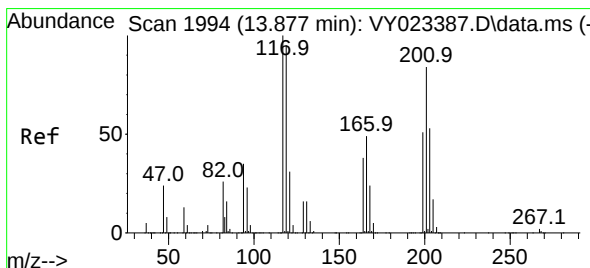
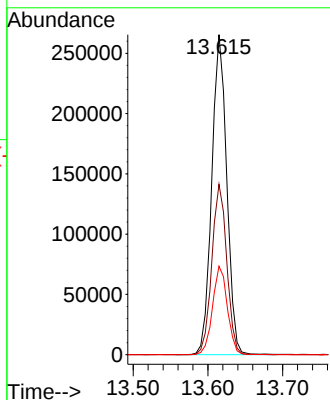
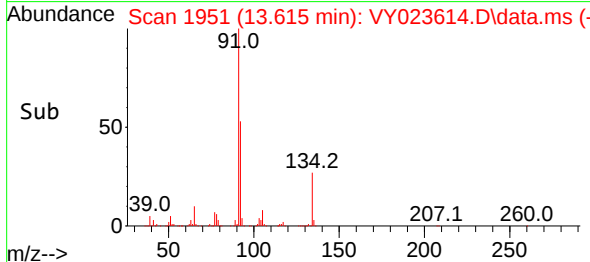
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



Tgt Ion: 91 Resp: 37061
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.4 14.1 42.2

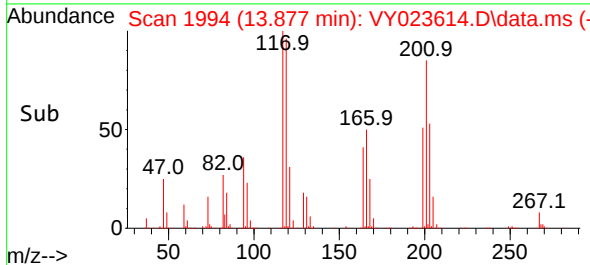
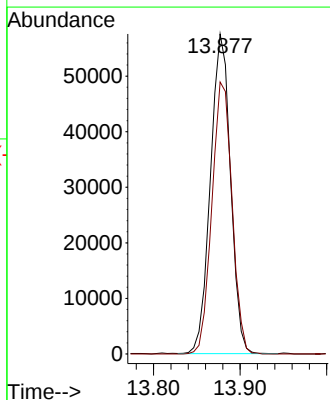
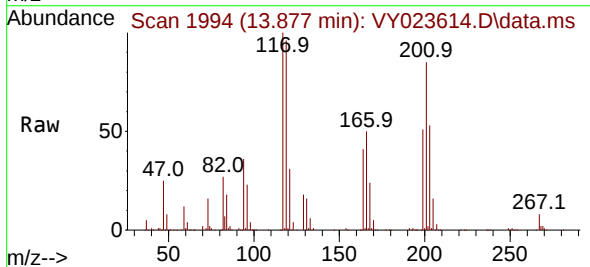
Manual Integrations
APPROVED

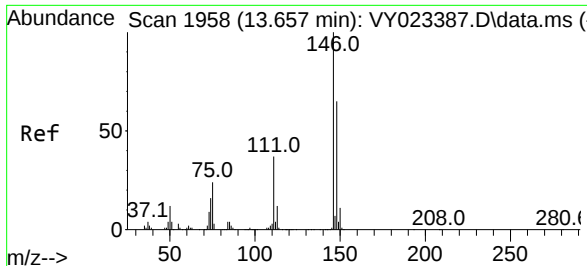
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#90
Hexachloroethane
Concen: 22.290 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

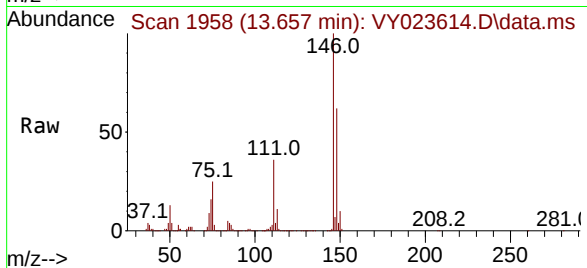
Tgt Ion:117 Resp: 92583
Ion Ratio Lower Upper
117 100
201 85.4 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 22.371 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

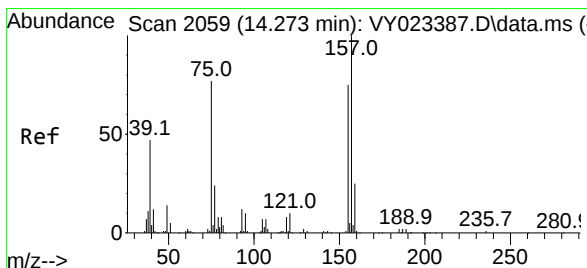
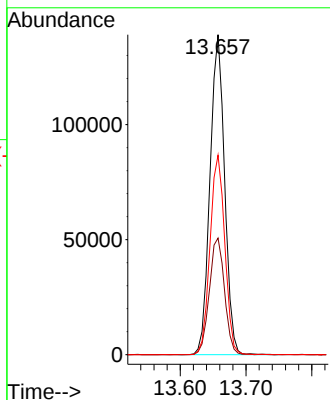
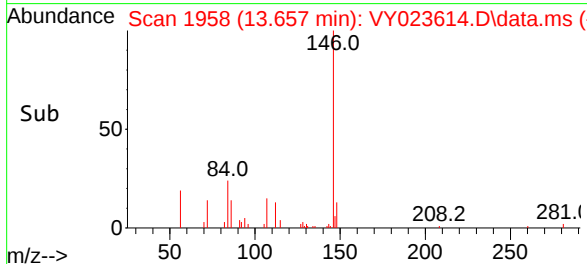
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBSD01



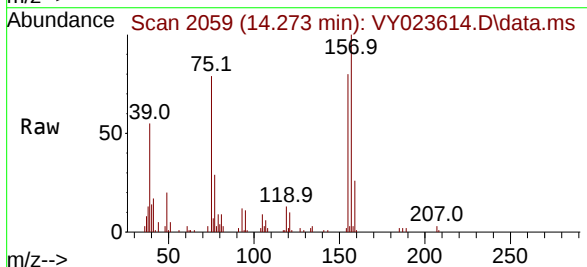
Tgt Ion:146 Resp: 215178
Ion Ratio Lower Upper
146 100
111 37.9 19.0 57.0
148 63.1 32.1 96.3

Manual Integrations
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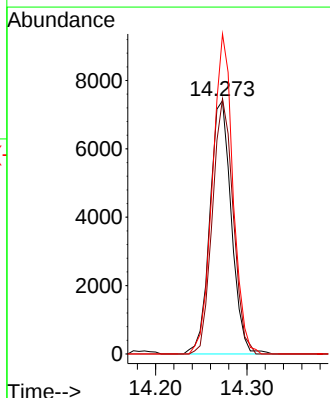
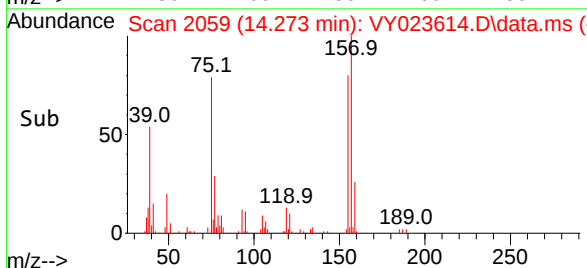
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

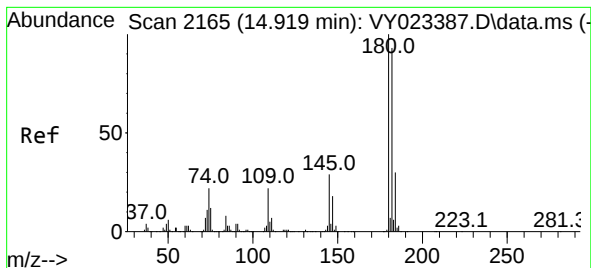


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.196 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37



Tgt Ion: 75 Resp: 12055
Ion Ratio Lower Upper
75 100
155 97.3 50.0 150.0
157 120.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 21.176 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023614.D

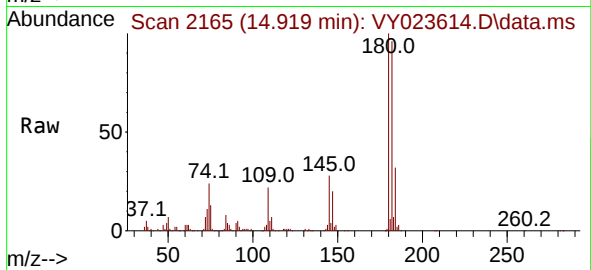
Acq: 29 Oct 2025 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



Tgt Ion:180 Resp: 12698

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

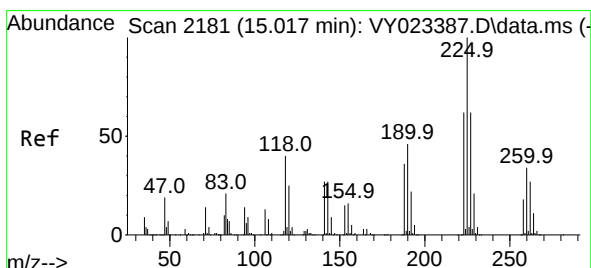
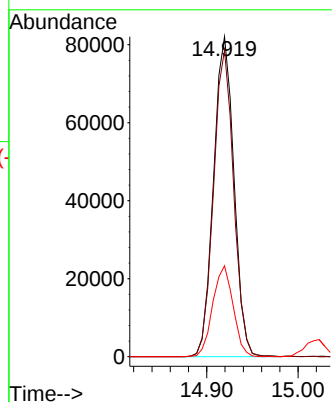
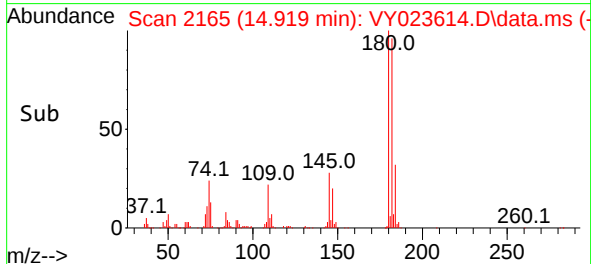
145 28.4 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#94

Hexachlorobutadiene

Concen: 21.658 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023614.D

Acq: 29 Oct 2025 10:37

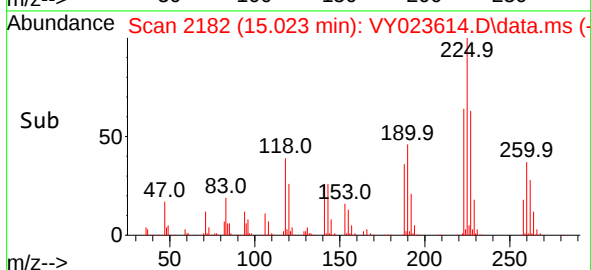
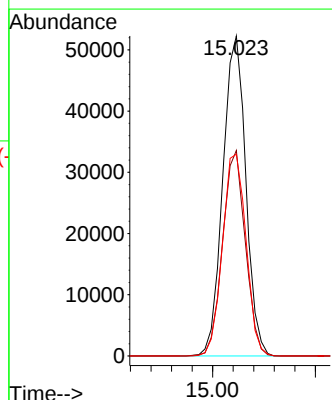
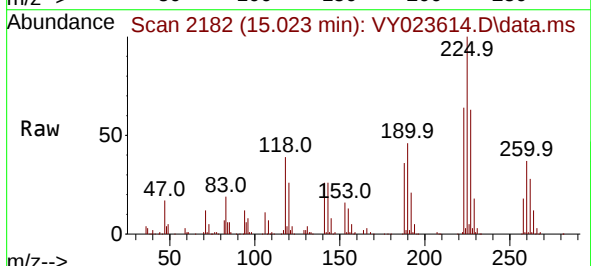
Tgt Ion:225 Resp: 80958

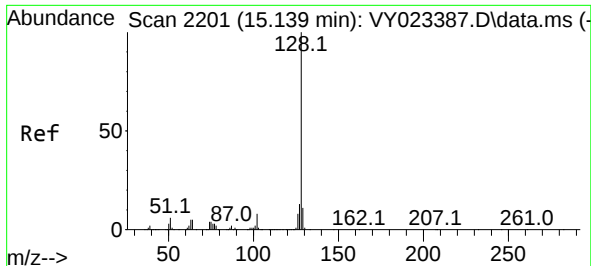
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

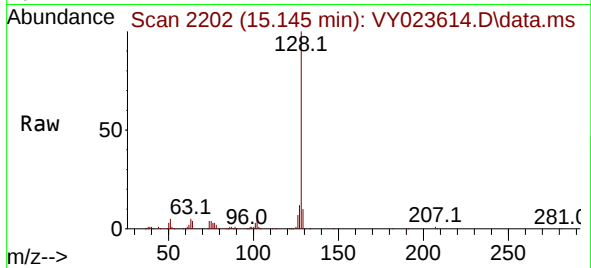
227 64.8 31.9 95.7





#95
Naphthalene
Concen: 19.726 ug/l
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

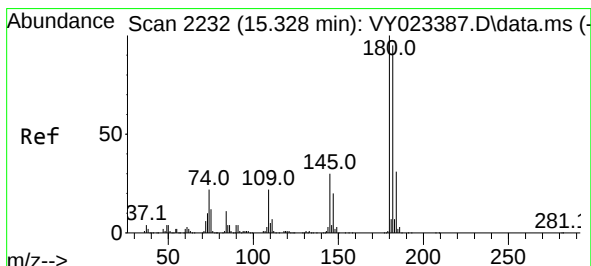
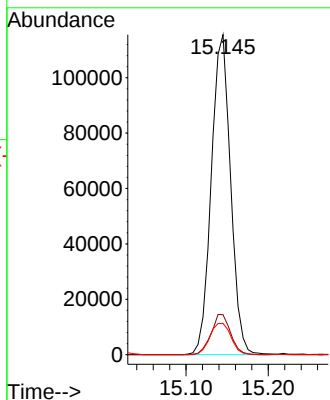
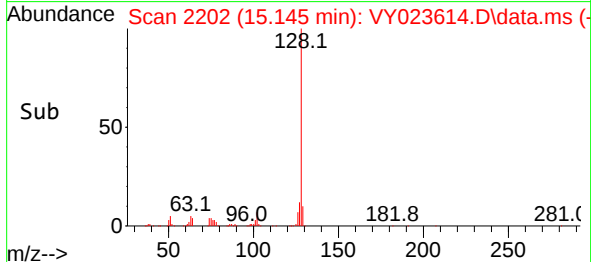
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion:128 Resp: 188360
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.138 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023614.D
Acq: 29 Oct 2025 10:37

Tgt Ion:180 Resp: 109793
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.8
145 30.7 15.3 45.9

