

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
 Data File : VY023601.D
 Acq On : 28 Oct 2025 10:24
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

Quant Time: Oct 29 06:22:45 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	7.713	168	455764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	666569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	310817	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	187961	49.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.634	113	210029	51.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.560%
50) Toluene-d8	10.109	98	774440	50.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.402	95	251364	49.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	72019	21.953	ug/l	96
3) Chloromethane	2.074	50	92722	20.748	ug/l	96
4) Vinyl Chloride	2.208	62	128188	22.022	ug/l	97
5) Bromomethane	2.592	94	111252	22.775	ug/l	97
6) Chloroethane	2.733	64	89477	22.551	ug/l	96
7) Trichlorofluoromethane	3.056	101	184057	22.774	ug/l	100
8) Diethyl Ether	3.458	74	45069	21.341	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	99109	23.632	ug/l	100
10) Methyl Iodide	4.007	142	104737	22.433	ug/l	100
11) Tert butyl alcohol	4.854	59	30836	108.758	ug/l	98
12) 1,1-Dichloroethene	3.793	96	90636	22.294	ug/l	94
13) Acrolein	3.653	56	19413	48.456	ug/l	99
14) Allyl chloride	4.385	41	111339	22.471	ug/l	98
15) Acrylonitrile	5.061	53	89509	110.751	ug/l	100
16) Acetone	3.866	43	135646	149.502	ug/l	99
17) Carbon Disulfide	4.110	76	247768	21.293	ug/l	98
18) Methyl Acetate	4.385	43	47132	19.803	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	211702	21.666	ug/l	100
20) Methylene Chloride	4.616	84	104323	21.263	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	101692	22.719	ug/l	96
22) Diisopropyl ether	6.019	45	255040	23.271	ug/l	95
23) Vinyl Acetate	5.964	43	669667	112.886	ug/l	99
24) 1,1-Dichloroethane	5.921	63	170855	23.534	ug/l	98
25) 2-Butanone	6.896	43	141062	127.348	ug/l	98
26) 2,2-Dichloropropane	6.890	77	157891	23.702	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	117622	22.749	ug/l	99
28) Bromochloromethane	7.244	49	59815	22.070	ug/l	98
29) Tetrahydrofuran	7.268	42	67276	107.104	ug/l	100
30) Chloroform	7.421	83	189686	23.781	ug/l	100
31) Cyclohexane	7.701	56	140081	22.095	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	170699	23.549	ug/l	99
36) 1,1-Dichloropropene	7.835	75	127469	23.508	ug/l	99
37) Ethyl Acetate	6.982	43	49001	22.810	ug/l	97
38) Carbon Tetrachloride	7.817	117	156432	23.792	ug/l	97
39) Methylcyclohexane	9.109	83	158006	22.380	ug/l	98
40) Benzene	8.079	78	404795	23.573	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	25394m	21.857	ug/l	
42) 1,2-Dichloroethane	8.158	62	101064	22.820	ug/l	99
43) Isopropyl Acetate	8.201	43	94190	21.989	ug/l	99
44) Trichloroethene	8.866	130	117688	23.415	ug/l	99
45) 1,2-Dichloropropane	9.140	63	90127	23.762	ug/l	97
46) Dibromomethane	9.231	93	55338	23.073	ug/l	97
47) Bromodichloromethane	9.426	83	142280	23.555	ug/l	98
48) Methyl methacrylate	9.225	41	44531	22.129	ug/l	98
49) 1,4-Dioxane	9.231	88	12046	433.195	ug/l #	96
51) 4-Methyl-2-Pentanone	10.000	43	250716	113.285	ug/l	98
52) Toluene	10.170	92	265953	23.853	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	118032	22.473	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	141576	22.839	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	76489	23.716	ug/l	97
56) Ethyl methacrylate	10.438	69	78889	21.205	ug/l	98
57) 1,3-Dichloropropane	10.719	76	117159	22.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	171553	102.936	ug/l	99
59) 2-Hexanone	10.762	43	201148	127.179	ug/l	97
60) Dibromochloromethane	10.914	129	105595	23.352	ug/l	99
61) 1,2-Dibromoethane	11.012	107	70060	22.777	ug/l	100
64) Tetrachloroethene	10.646	164	145375	23.922	ug/l	99
65) Chlorobenzene	11.444	112	296212	23.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	106001	23.237	ug/l	99
67) Ethyl Benzene	11.518	91	477377	23.039	ug/l	100
68) m/p-Xylenes	11.627	106	391246	47.076	ug/l	100
69) o-Xylene	11.957	106	178260	22.867	ug/l	100
70) Styrene	11.969	104	295341	23.039	ug/l	100
71) Bromoform	12.133	173	64591	22.827	ug/l #	97
73) Isopropylbenzene	12.255	105	466499	22.775	ug/l	99
74) N-amyl acetate	12.066	43	77341	21.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	75858	22.643	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	56722m	20.685	ug/l	
77) Bromobenzene	12.530	156	121115	22.241	ug/l	98
78) n-propylbenzene	12.591	91	552713	23.318	ug/l	100
79) 2-Chlorotoluene	12.676	91	319727	23.034	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	387416	23.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22742	20.337	ug/l	93
82) 4-Chlorotoluene	12.773	91	332052	23.228	ug/l	99
83) tert-Butylbenzene	12.993	119	351640	23.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	384595	23.282	ug/l	100
85) sec-Butylbenzene	13.176	105	515454	23.512	ug/l	99
86) p-Isopropyltoluene	13.292	119	430842	23.082	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	242552	22.873	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	239032	22.824	ug/l	98
89) n-Butylbenzene	13.615	91	368032	22.629	ug/l	99
90) Hexachloroethane	13.877	117	93510	23.293	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	209784	22.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11479	20.882	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	122400	21.119	ug/l	99
94) Hexachlorobutadiene	15.017	225	82250	22.766	ug/l	100
95) Naphthalene	15.139	128	179020	19.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105226	20.960	ug/l	99

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

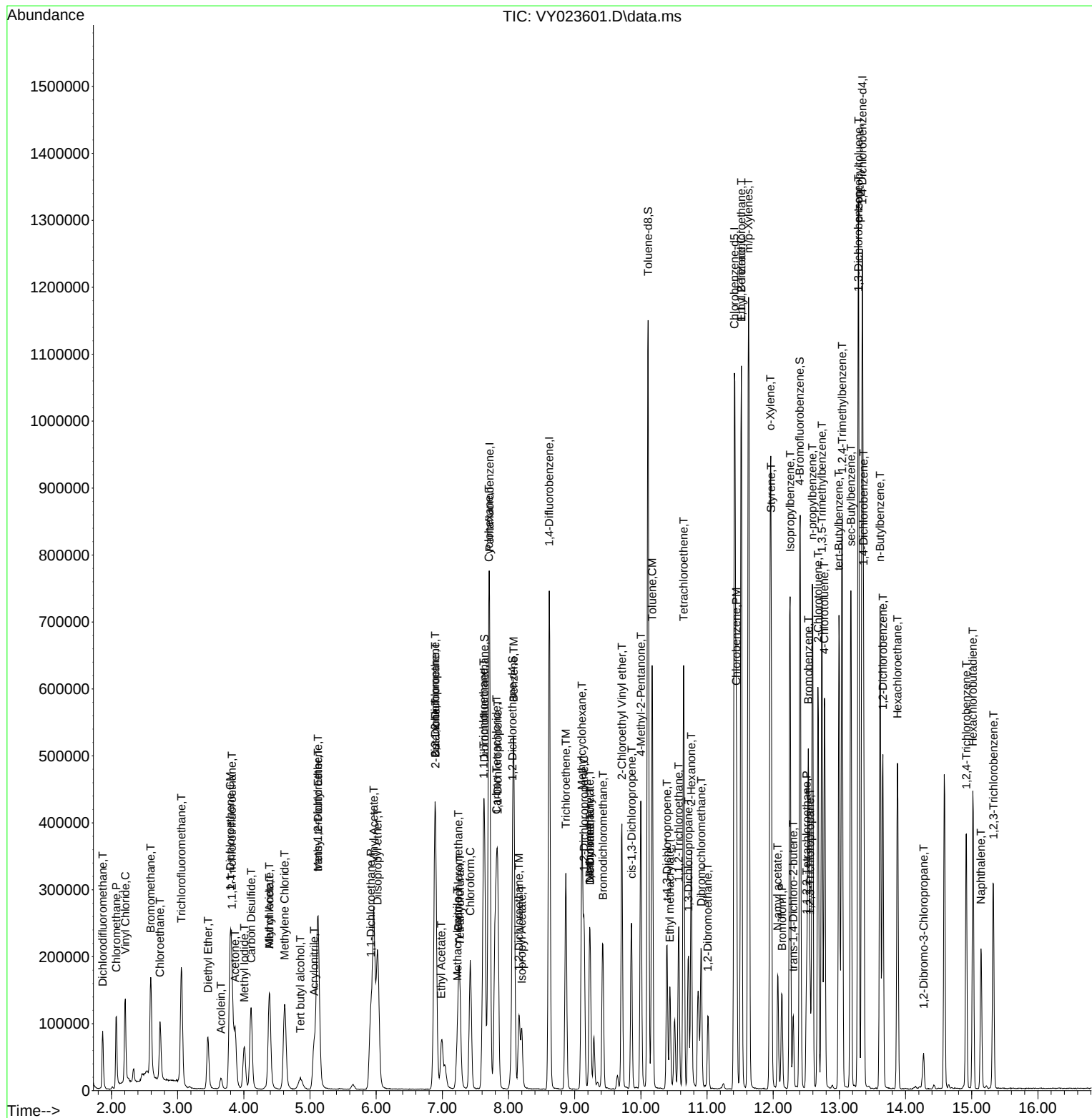
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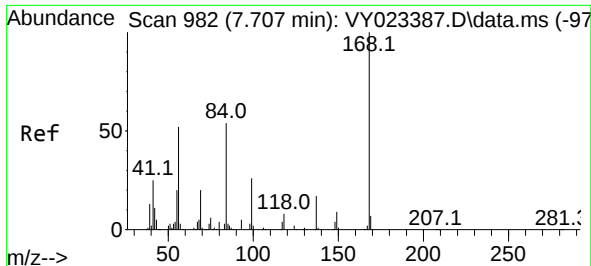
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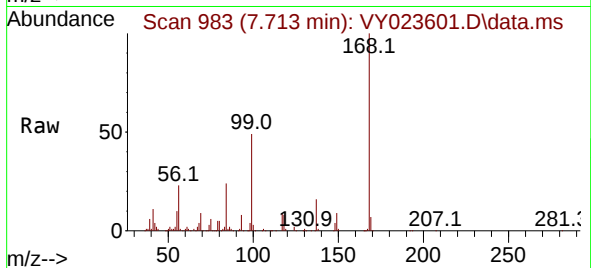
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

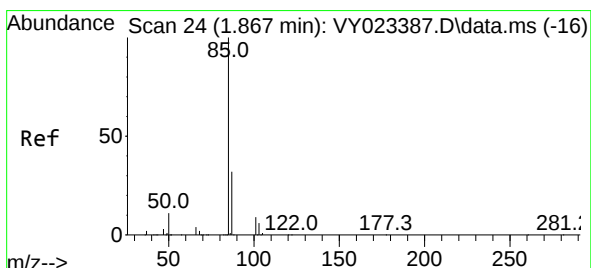
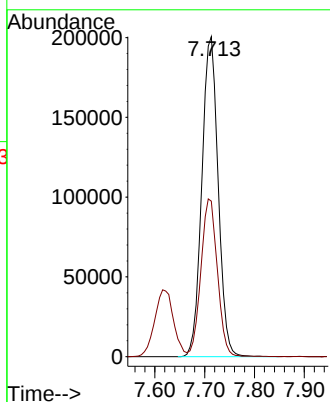
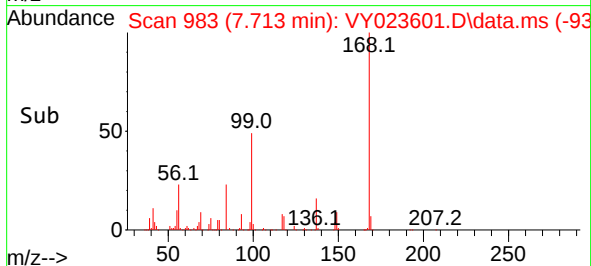
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



Tgt Ion:168 Resp: 455764
Ion Ratio Lower Upper
168 100
99 48.5 39.7 59.5

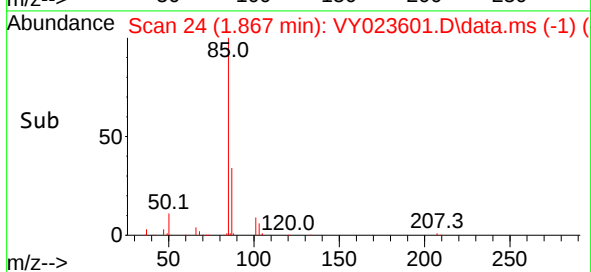
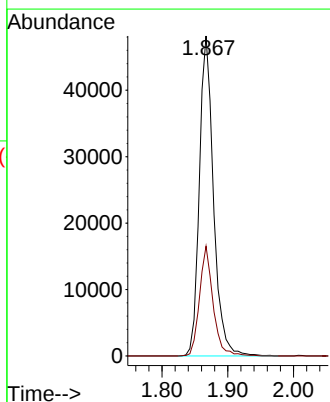
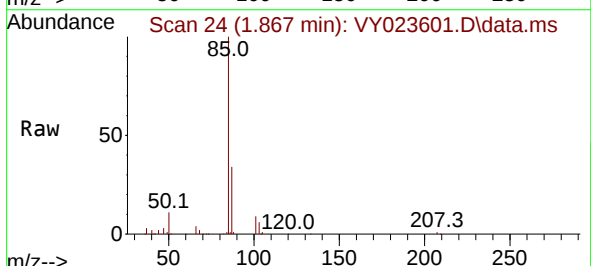
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#2
Dichlorodifluoromethane
Concen: 21.953 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

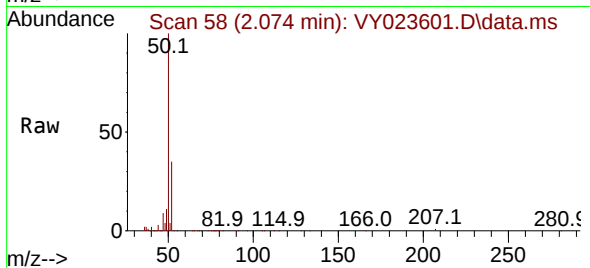
Tgt Ion: 85 Resp: 72019
Ion Ratio Lower Upper
85 100
87 34.3 16.0 47.9





#3
Chloromethane
Concen: 20.748 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

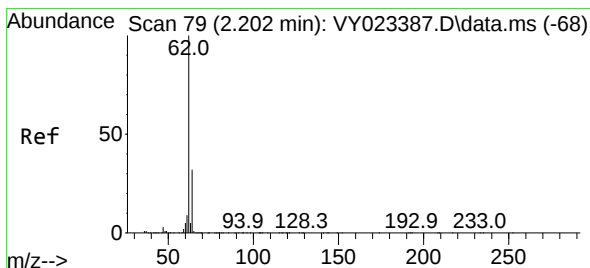
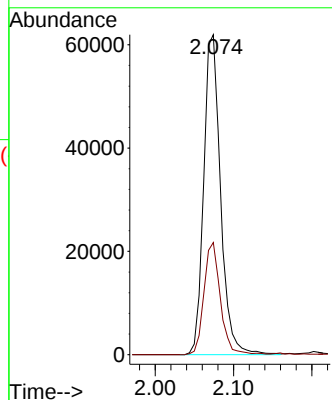
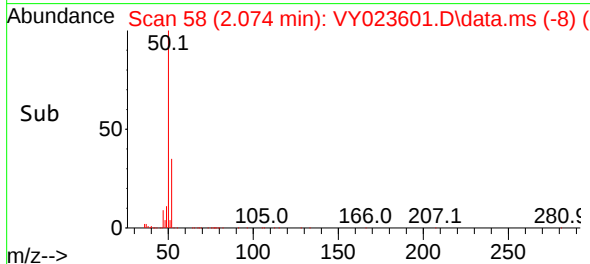
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



Tgt Ion: 50 Resp: 9272
Ion Ratio Lower Upper
50 100
52 35.0 26.2 39.2

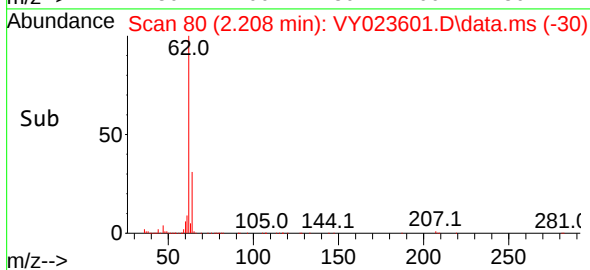
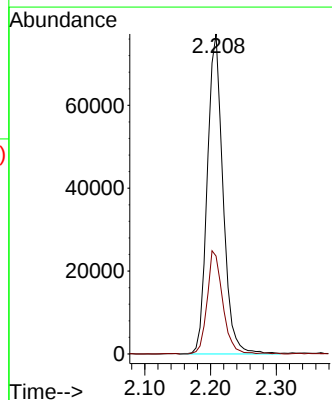
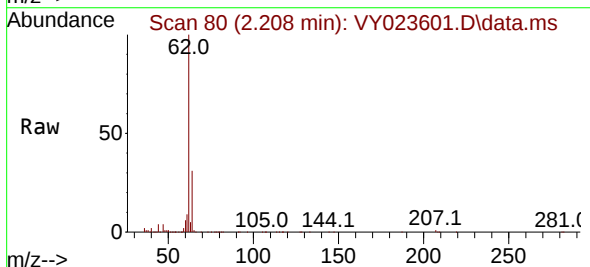
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#4
Vinyl Chloride
Concen: 22.022 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

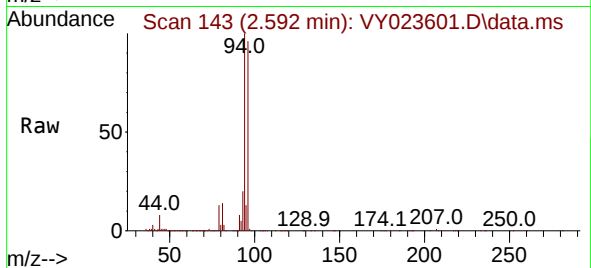
Tgt Ion: 62 Resp: 128188
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.8





#5
Bromomethane
Concen: 22.775 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

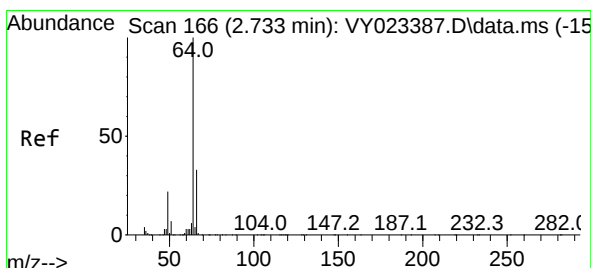
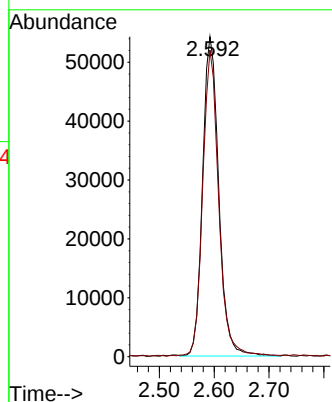
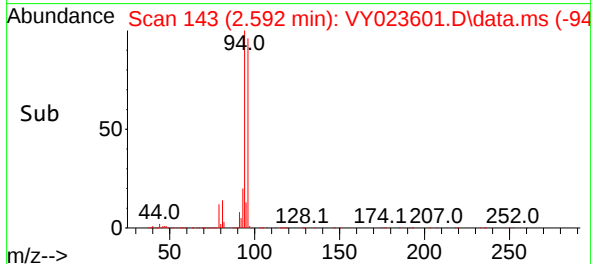
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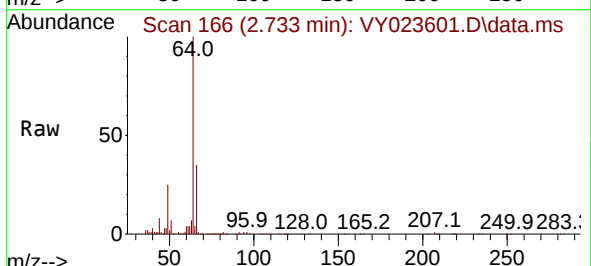
Tgt Ion: 94 Resp: 111252
Ion Ratio Lower Upper
94 100
96 95.6 74.5 111.7

Manual Integrations
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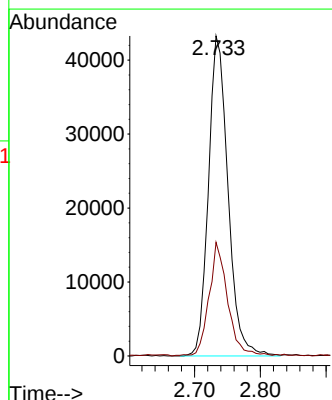
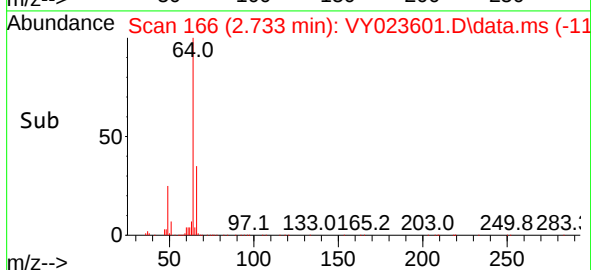
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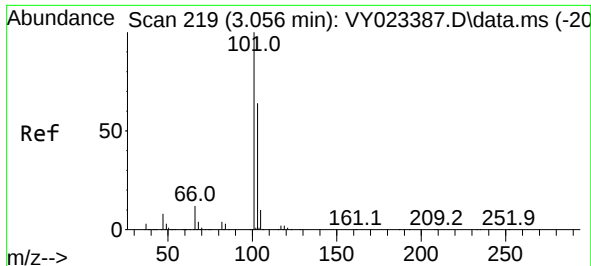


#6
Chloroethane
Concen: 22.551 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 64 Resp: 89477
Ion Ratio Lower Upper
64 100
66 35.3 26.2 39.4





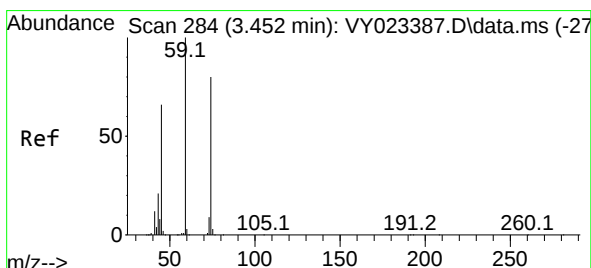
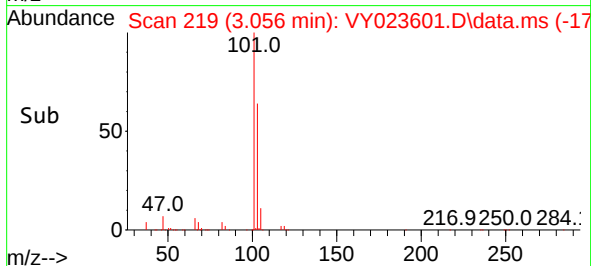
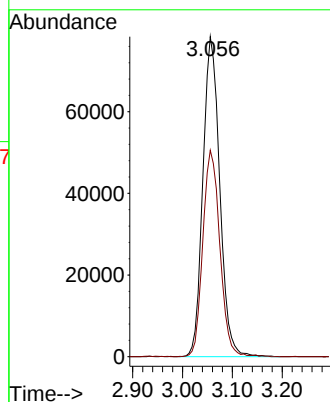
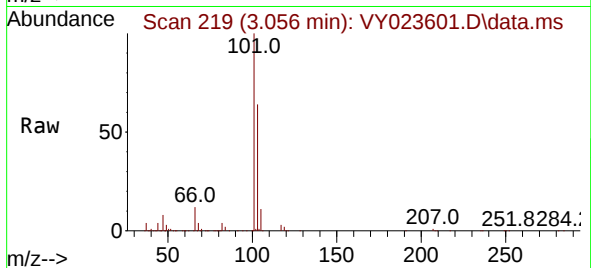
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 Trichlorofluoromethane
 Concen: 22.774 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023601.D
 Acq: 28 Oct 2025 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBSD01

Tgt Ion:101 Resp: 18405
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

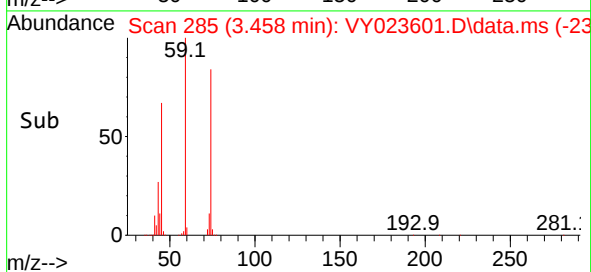
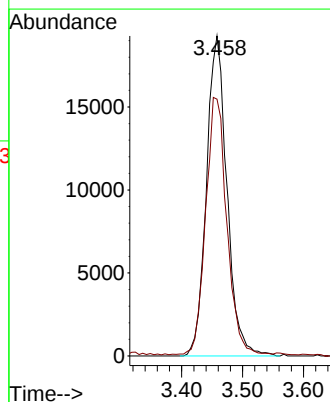
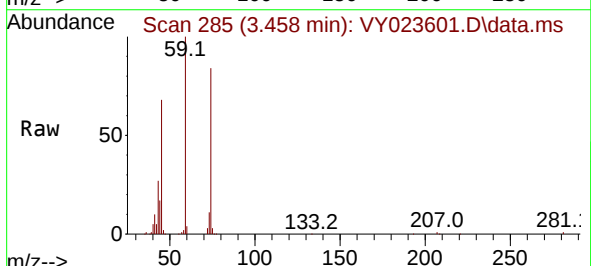
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#8
 Diethyl Ether
 Concen: 21.341 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023601.D
 Acq: 28 Oct 2025 10:24

Tgt Ion: 74 Resp: 45069
 Ion Ratio Lower Upper
 74 100
 45 82.4 39.9 119.7





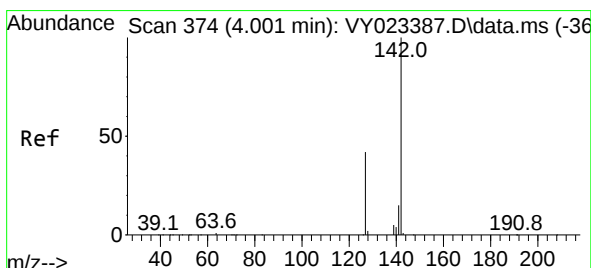
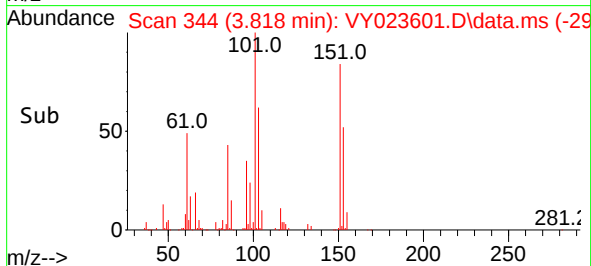
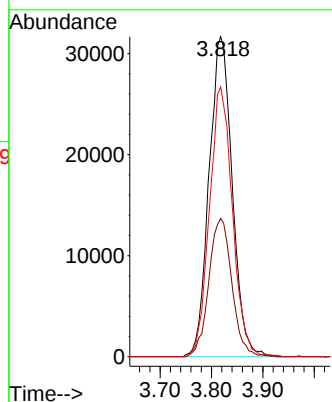
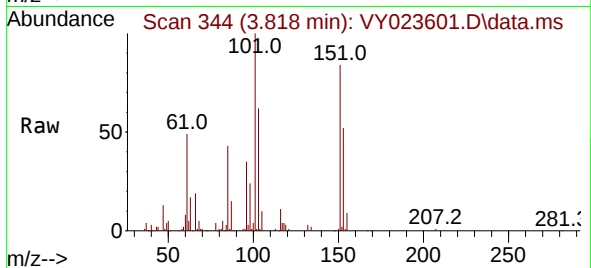
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.632 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Tgt Ion:101 Resp: 99109
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 83.6 67.0 100.6

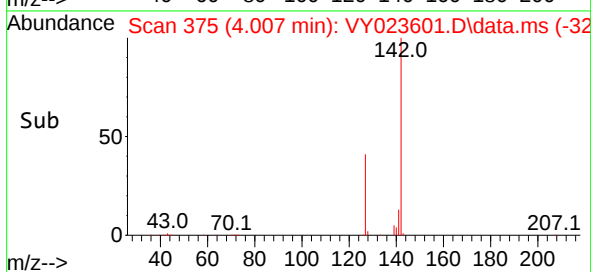
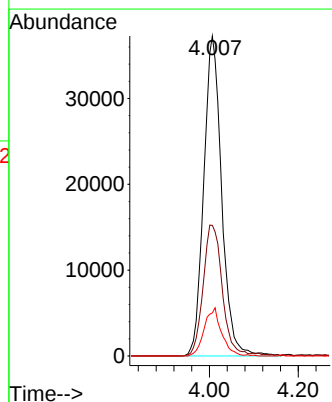
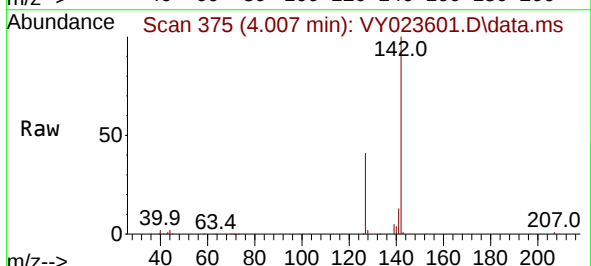
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#10
Methyl Iodide
Concen: 22.433 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

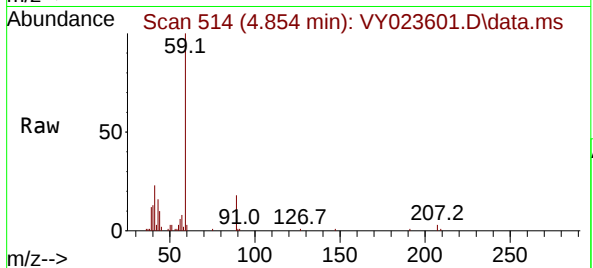
Tgt Ion:142 Resp: 104737
Ion Ratio Lower Upper
142 100
127 43.4 34.8 52.2
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 108.758 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

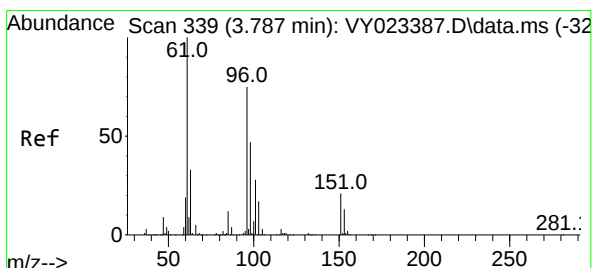
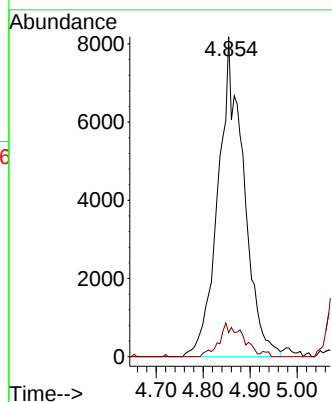
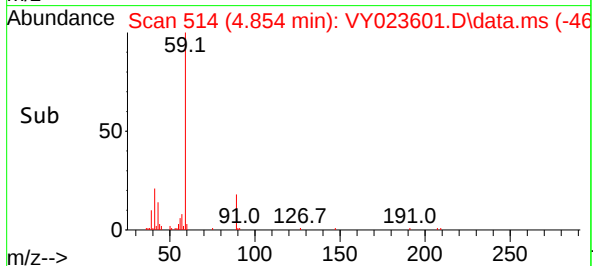
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



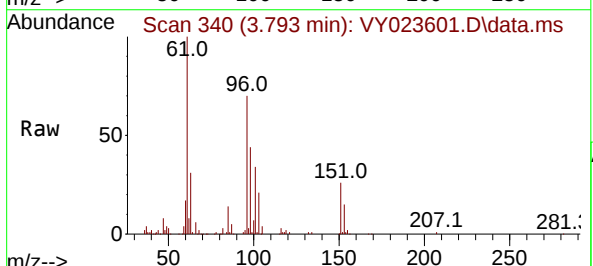
Tgt Ion: 59 Resp: 30830
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

Manual Integrations
APPROVED

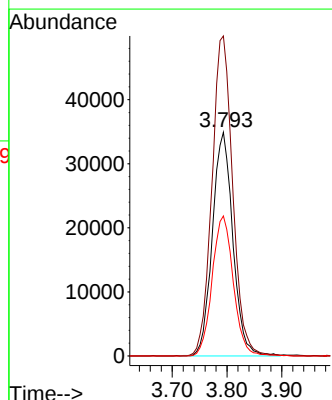
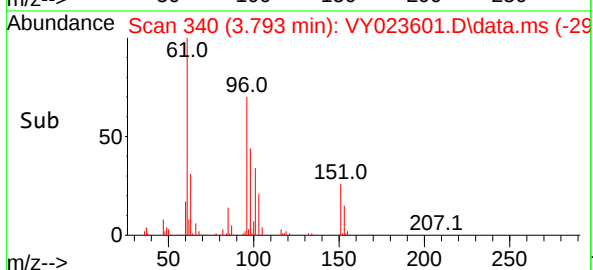
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

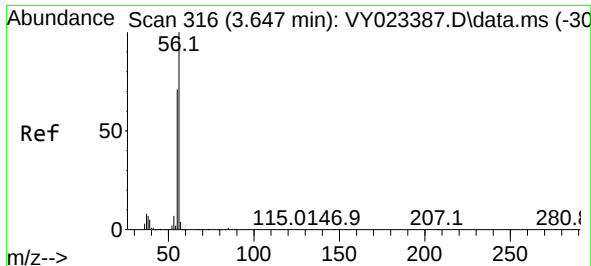


#12
1,1-Dichloroethene
Concen: 22.294 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



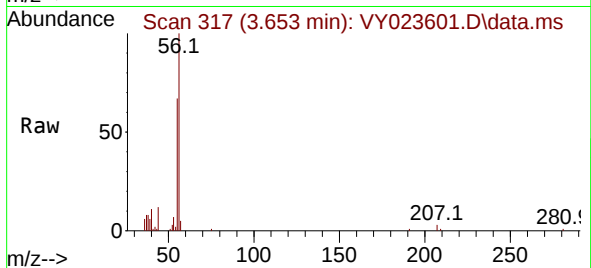
Tgt Ion: 96 Resp: 90636
Ion Ratio Lower Upper
96 100
61 143.0 106.7 160.1
98 62.6 50.2 75.4





#13
Acrolein
Concen: 48.456 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

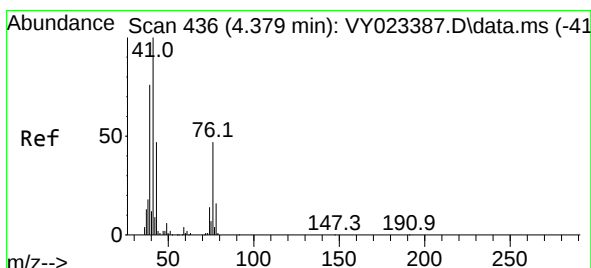
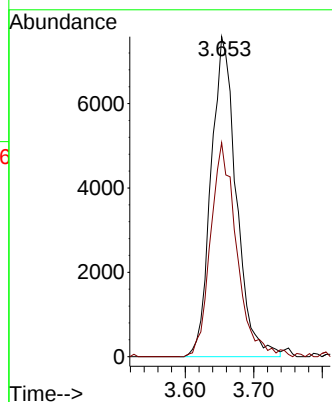
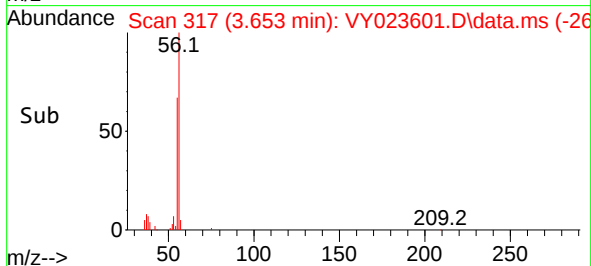
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



Tgt Ion: 56 Resp: 1941
Ion Ratio Lower Upper
56 100
55 69.1 56.1 84.1

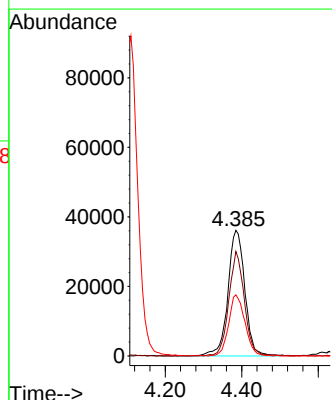
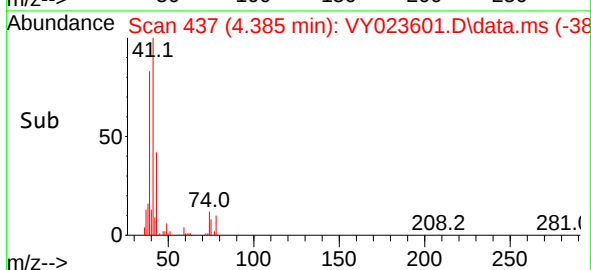
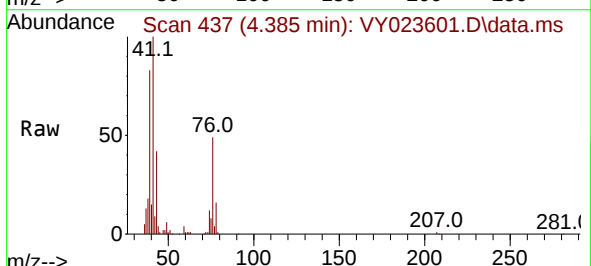
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#14
Allyl chloride
Concen: 22.471 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

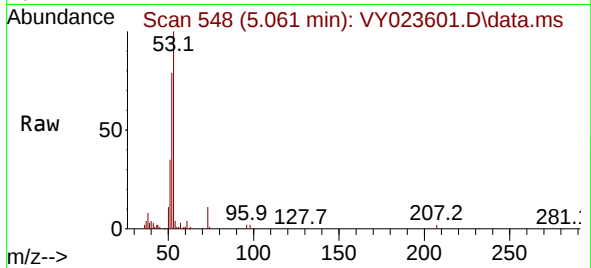
Tgt Ion: 41 Resp: 111339
Ion Ratio Lower Upper
41 100
39 76.5 59.9 89.9
76 46.6 38.0 57.0





#15
Acrylonitrile
Concen: 110.751 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

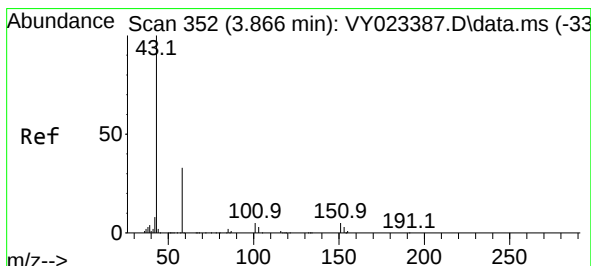
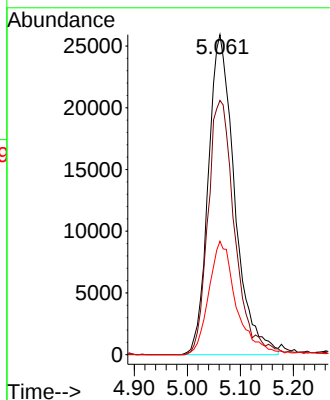
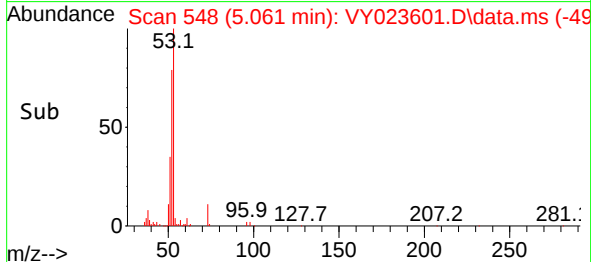
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



Tgt Ion: 53 Resp: 89509
Ion Ratio Lower Upper
53 100
52 80.8 64.6 97.0
51 37.1 29.5 44.3

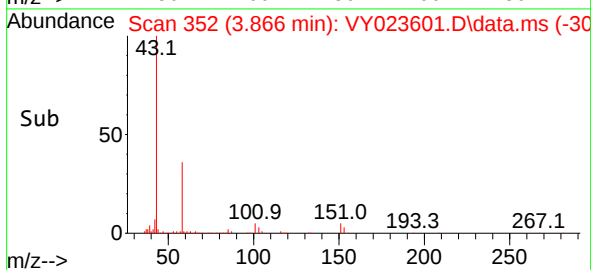
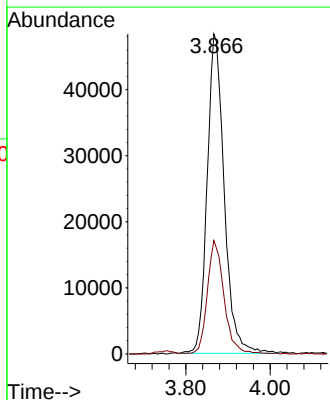
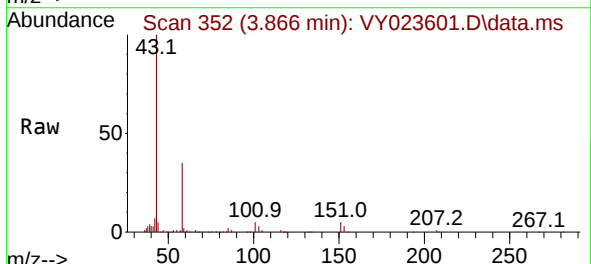
Manual Integrations
APPROVED

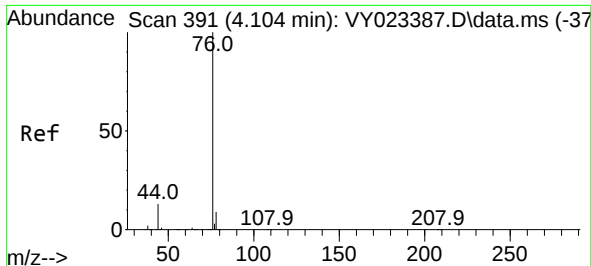
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#16
Acetone
Concen: 149.502 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

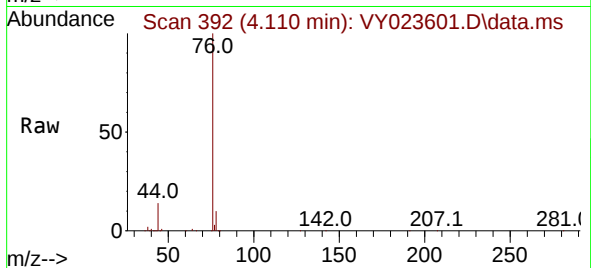
Tgt Ion: 43 Resp: 135646
Ion Ratio Lower Upper
43 100
58 35.4 27.7 41.5





#17
Carbon Disulfide
Concen: 21.293 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

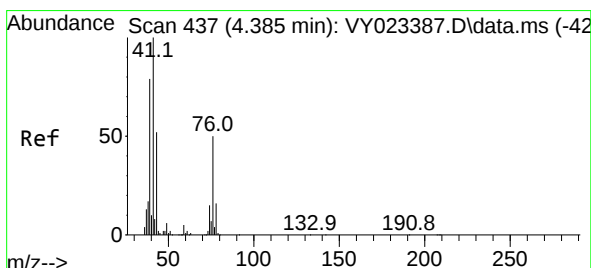
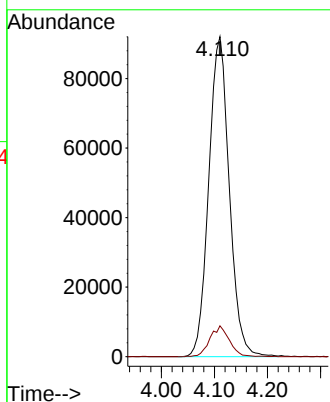
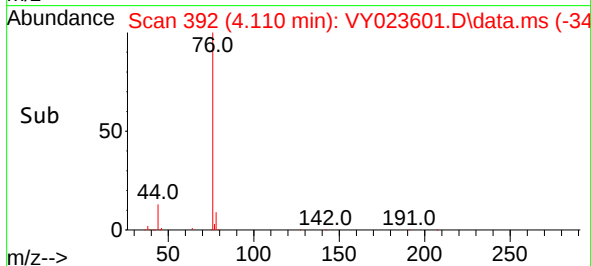
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



Tgt Ion: 76 Resp: 247768
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

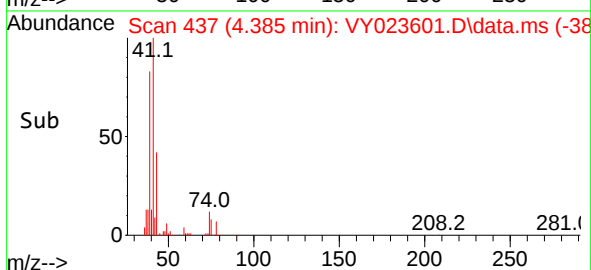
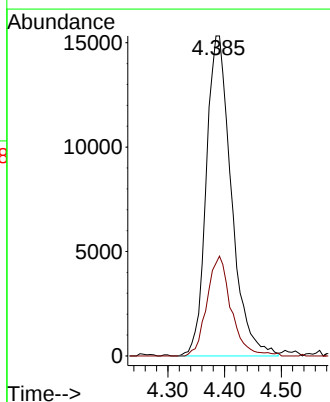
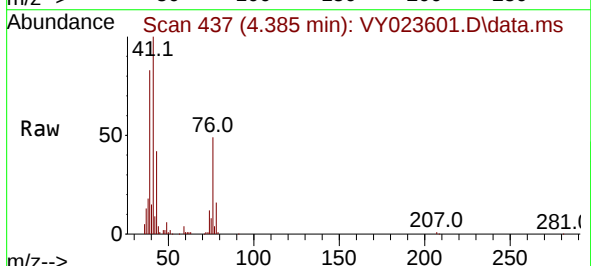
Manual Integrations
APPROVED

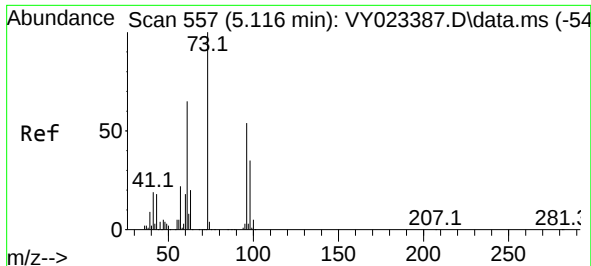
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#18
Methyl Acetate
Concen: 19.803 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

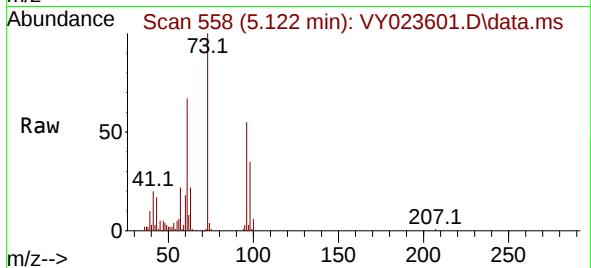
Tgt Ion: 43 Resp: 47132
Ion Ratio Lower Upper
43 100
74 30.1 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 21.666 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

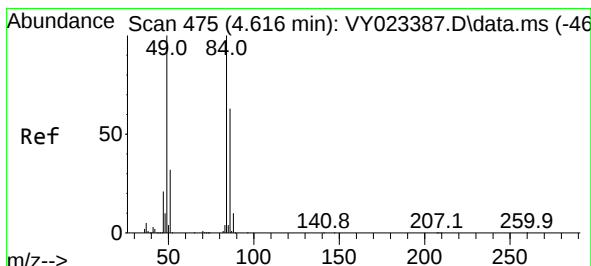
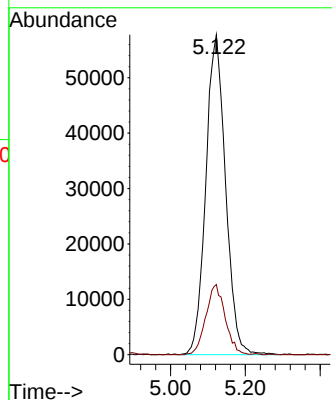
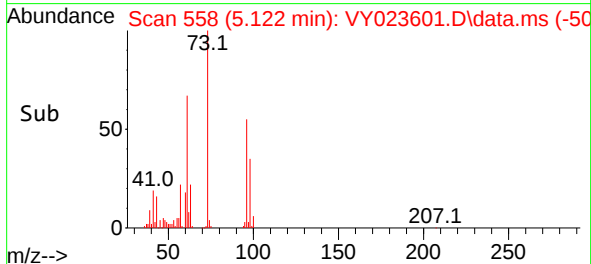
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



Tgt Ion: 73 Resp: 21170
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

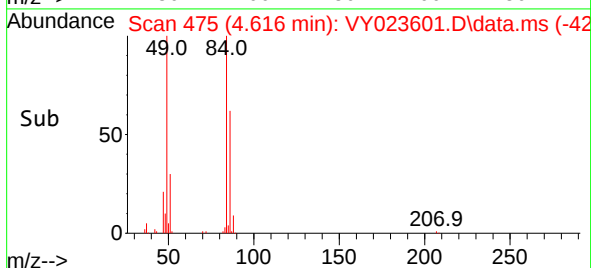
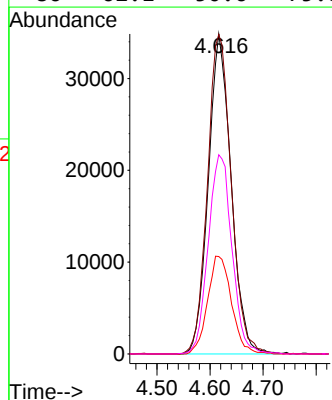
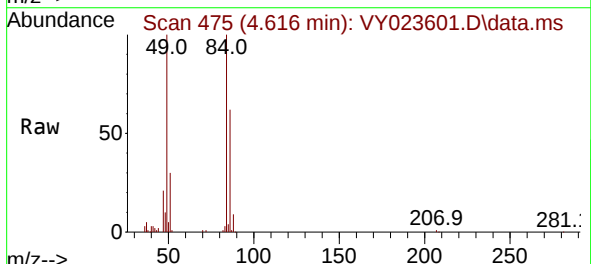
Manual Integrations
APPROVED

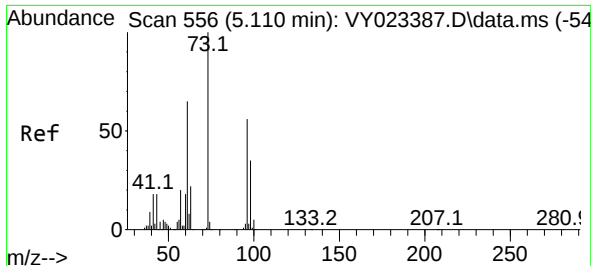
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#20
Methylene Chloride
Concen: 21.263 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

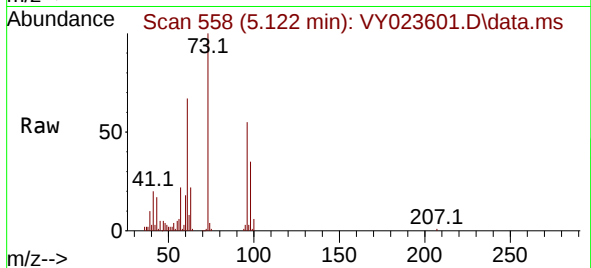
Tgt Ion: 84 Resp: 104323
Ion Ratio Lower Upper
84 100
49 99.9 80.2 120.4
51 30.4 25.9 38.9
86 62.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 22.719 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

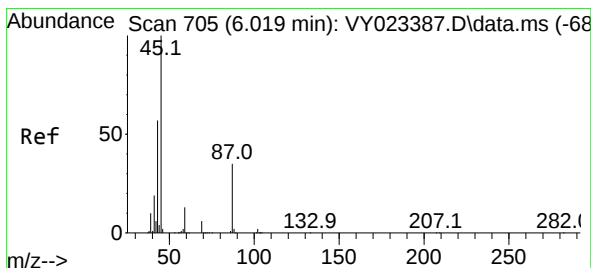
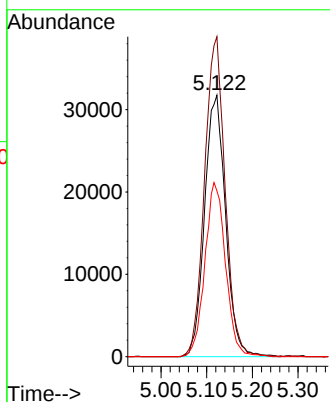
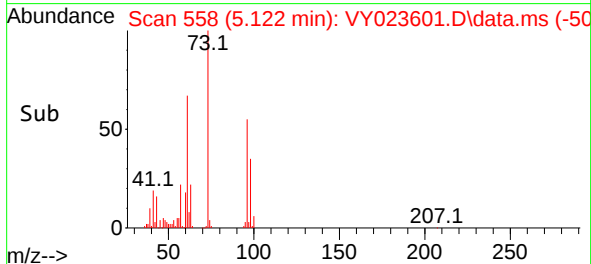
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



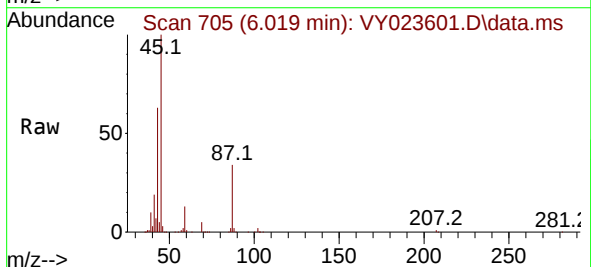
Tgt Ion: 96 Resp: 101692
Ion Ratio Lower Upper
96 100
61 122.4 92.7 139.1
98 63.4 49.7 74.5

Manual Integrations
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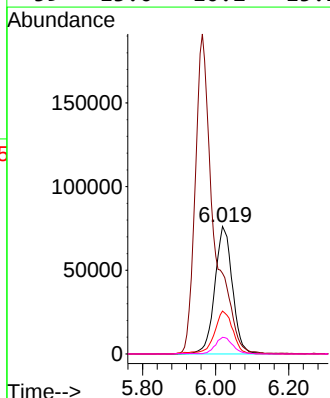
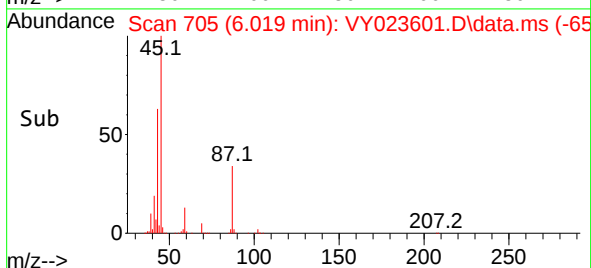
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

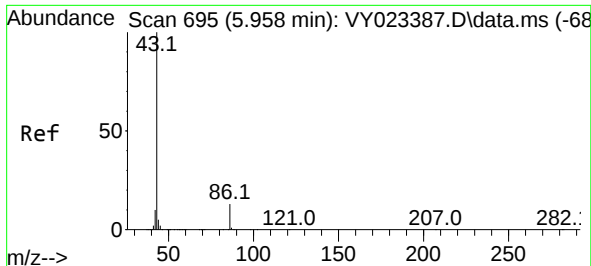


#22
Diisopropyl ether
Concen: 23.271 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



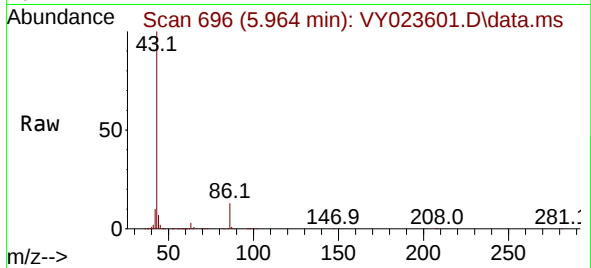
Tgt Ion: 45 Resp: 255040
Ion Ratio Lower Upper
45 100
43 63.0 45.6 68.4
87 33.6 28.1 42.1
59 13.0 10.2 15.2





#23
 Vinyl Acetate
 Concen: 112.886 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023601.D
 Acq: 28 Oct 2025 10:24

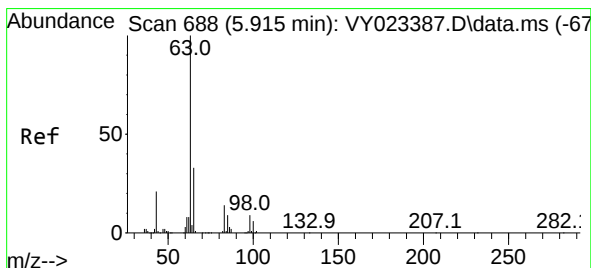
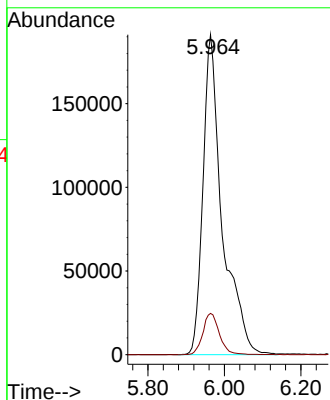
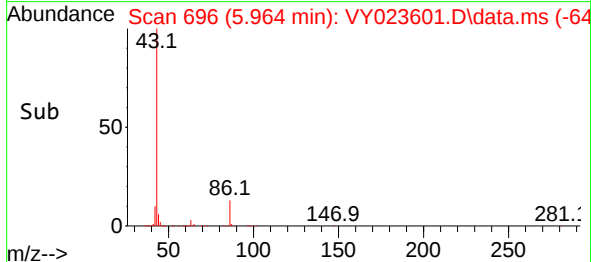
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBSD01



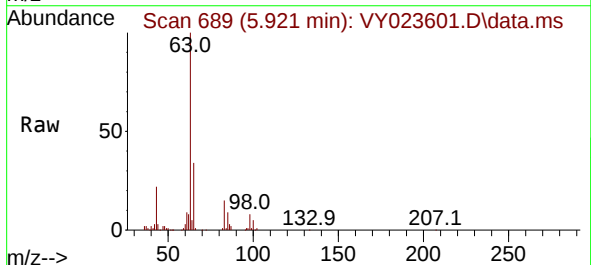
Tgt Ion: 43 Resp: 66966
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 15.8

Manual Integrations
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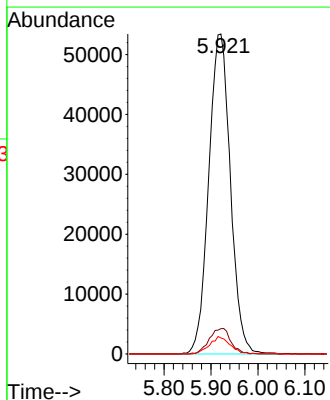
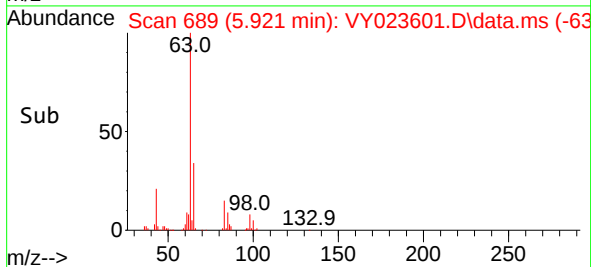
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025

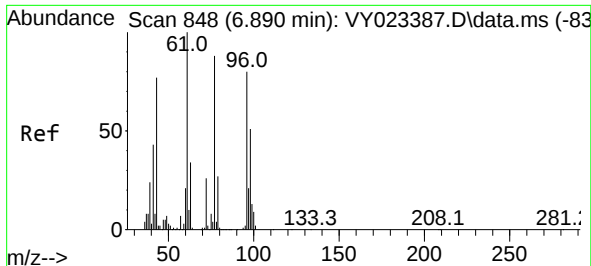


#24
 1,1-Dichloroethane
 Concen: 23.534 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023601.D
 Acq: 28 Oct 2025 10:24



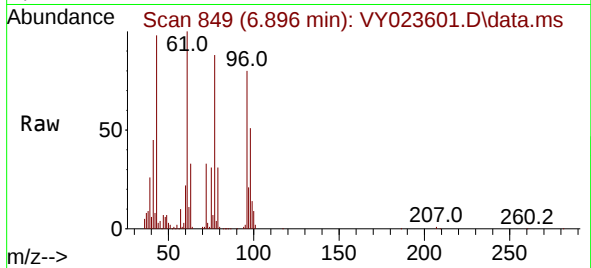
Tgt Ion: 63 Resp: 170855
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 13.1
 100 5.0 2.8 8.4





#25
2-Butanone
Concen: 127.348 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

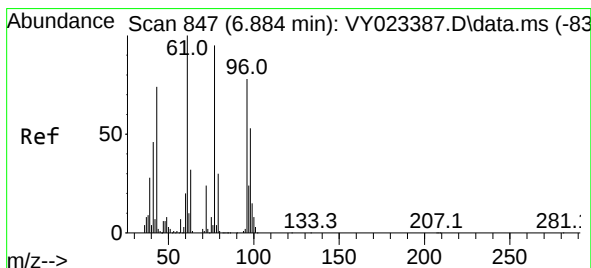
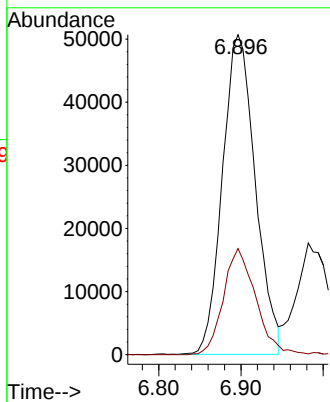
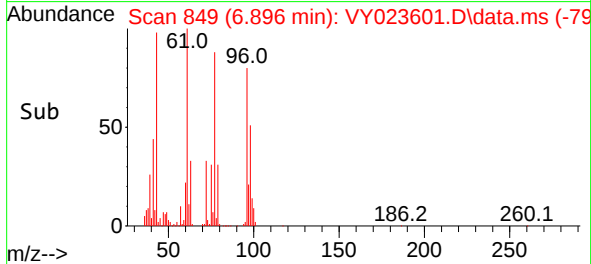
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



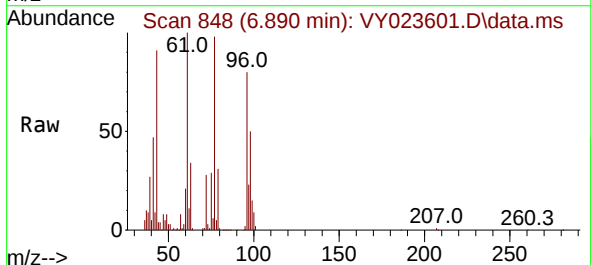
Tgt Ion: 43 Resp: 141062
Ion Ratio Lower Upper
43 100
72 33.2 27.4 41.2

Manual Integrations
APPROVED

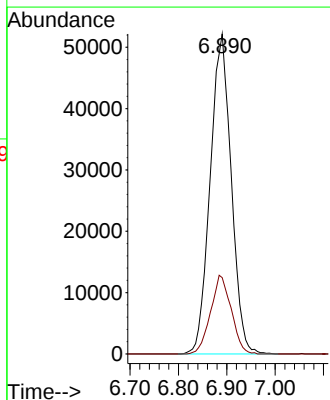
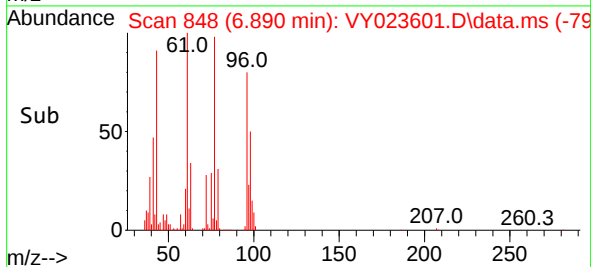
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

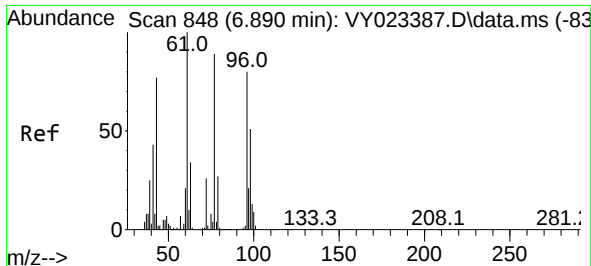


#26
2,2-Dichloropropane
Concen: 23.702 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 77 Resp: 157891
Ion Ratio Lower Upper
77 100
97 24.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 22.749 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023601.D

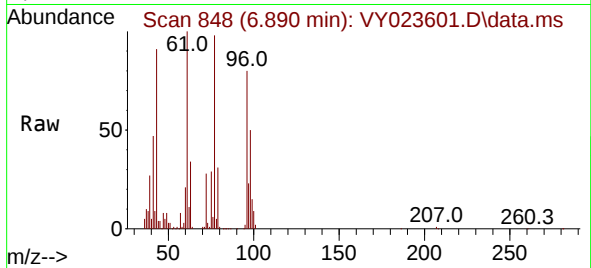
Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01



Tgt Ion: 96 Resp: 11762

Ion Ratio Lower Upper

96 100

61 128.2 0.0 258.2

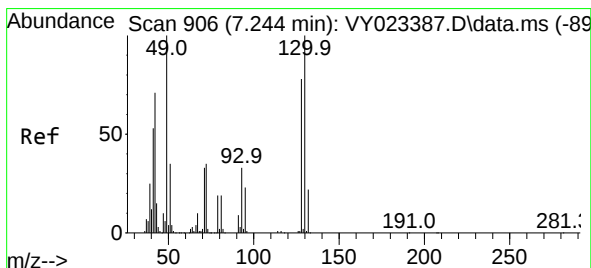
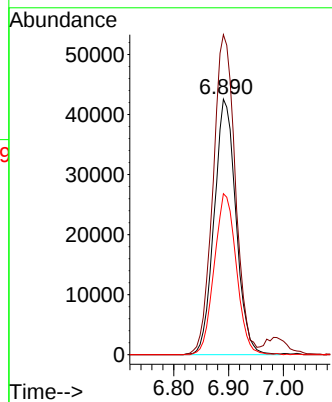
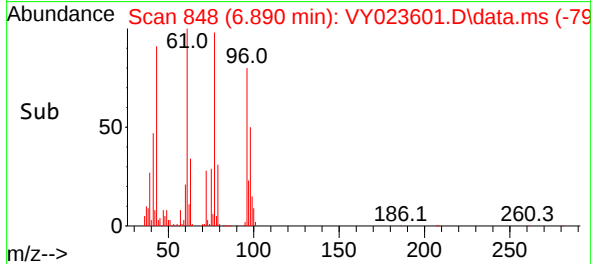
98 64.0 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#28

Bromochloromethane

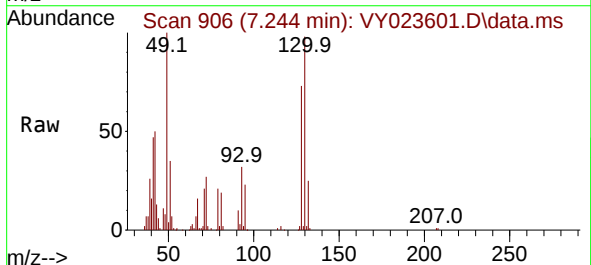
Concen: 22.070 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24



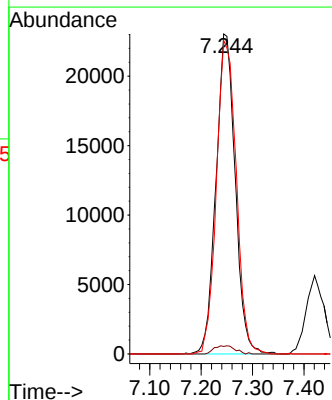
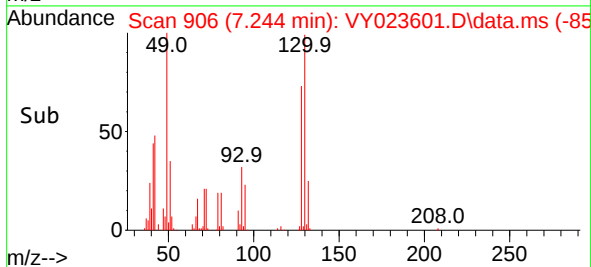
Tgt Ion: 49 Resp: 59815

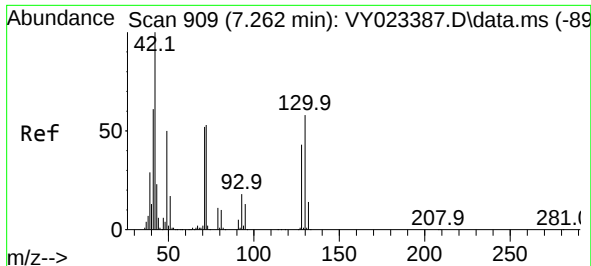
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

130 100.8 81.9 122.9





#29

Tetrahydrofuran

Concen: 107.104 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023601.D

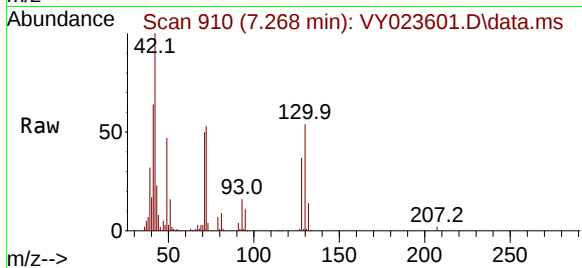
Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBSD01



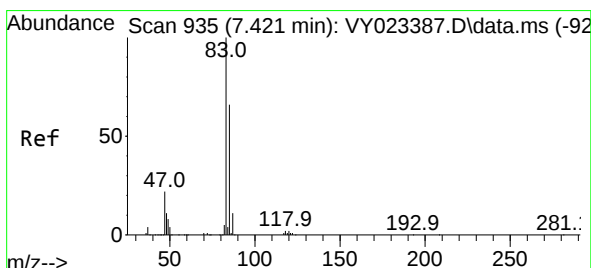
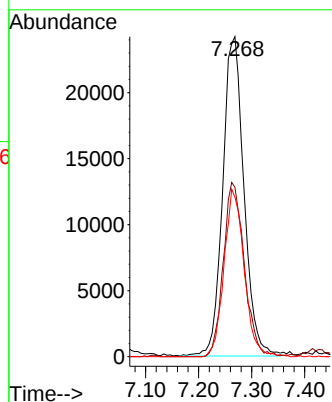
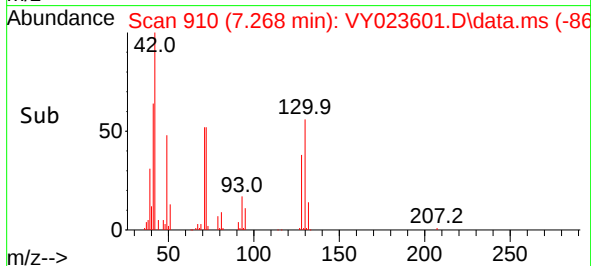
Tgt Ion:	42	Resp:	67270
Ion	Ratio	Lower	Upper
42	100		
72	53.8	43.0	64.6
71	49.8	40.1	60.1

Manual Integrations

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Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#30

Chloroform

Concen: 23.781 ug/l

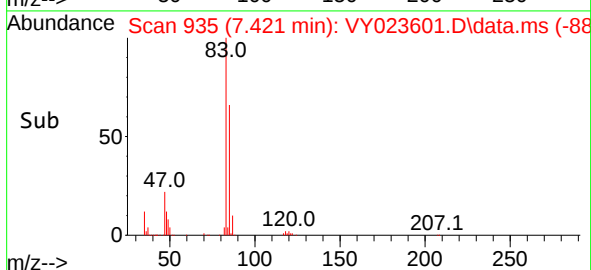
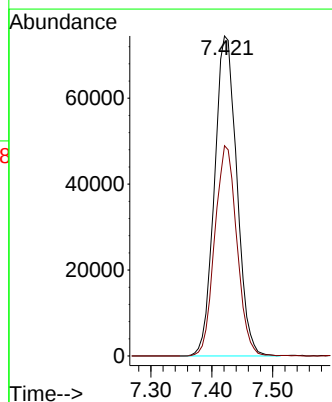
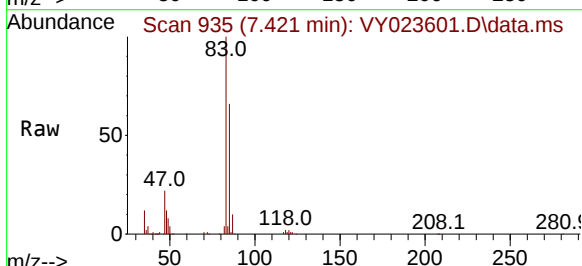
RT: 7.421 min Scan# 935

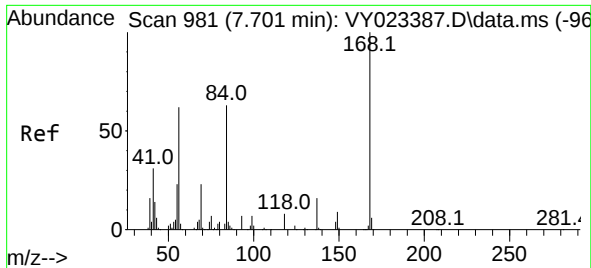
Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

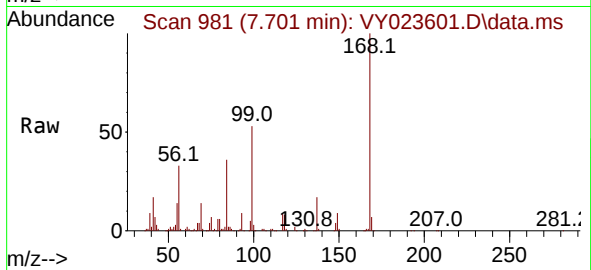
Tgt Ion:	83	Resp:	189686
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7





#31
Cyclohexane
Concen: 22.095 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

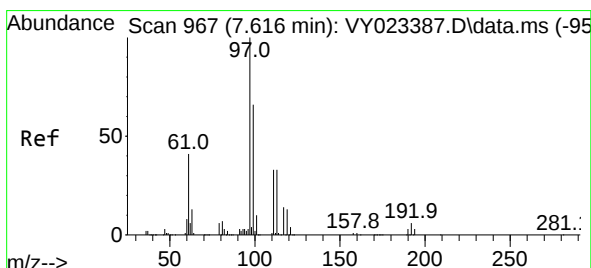
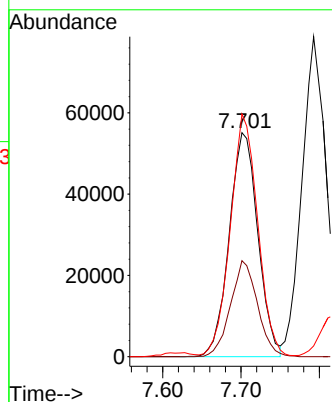
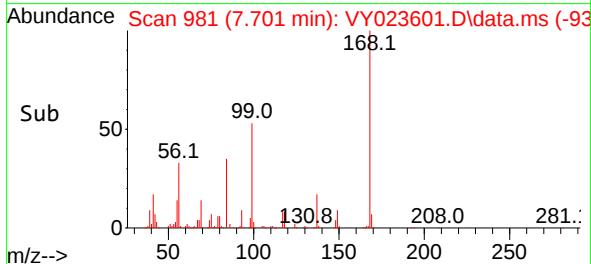
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



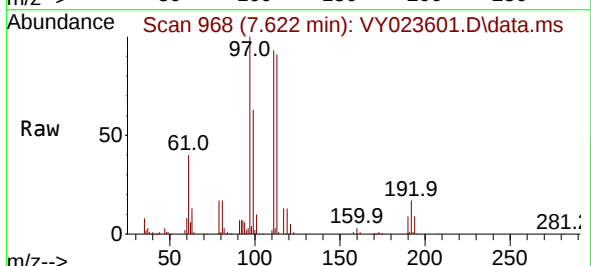
Tgt Ion: 56 Resp: 14008
Ion Ratio Lower Upper
56 100
69 42.8 30.0 45.0
84 106.7 81.2 121.8

Manual Integrations
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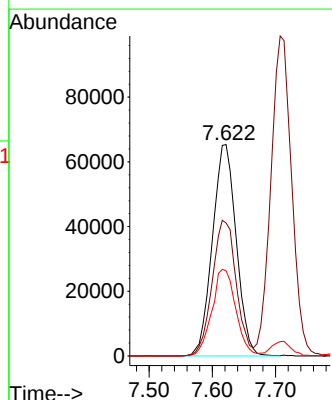
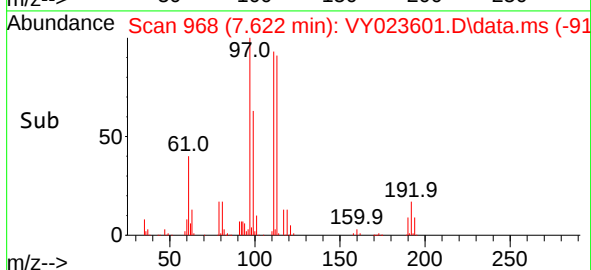
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 23.549 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 97 Resp: 170699
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 41.0 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.318 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tgt Ion: 65 Resp: 18796

Ion Ratio Lower Upper

65 100

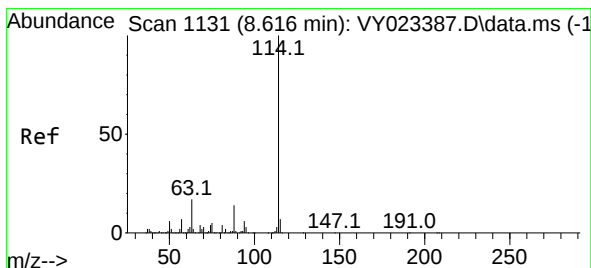
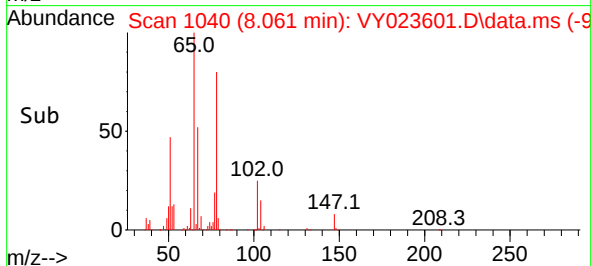
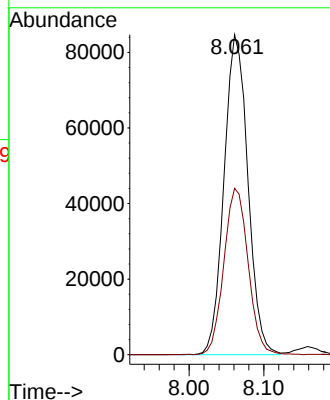
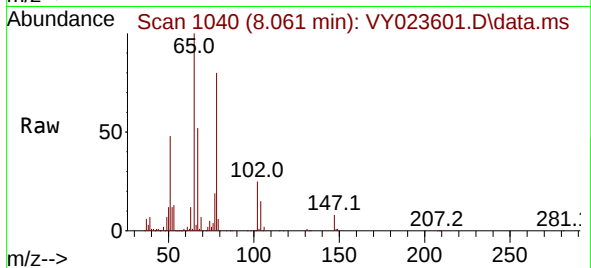
67 53.0 0.0 105.8

Manual Integrations

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Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

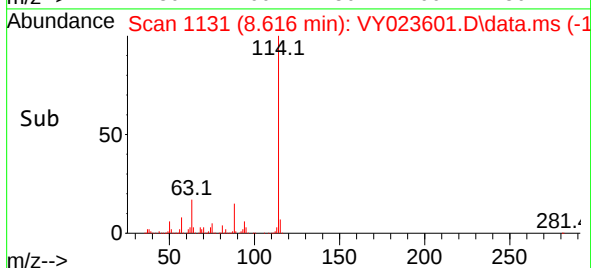
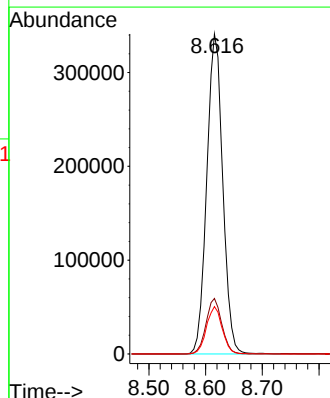
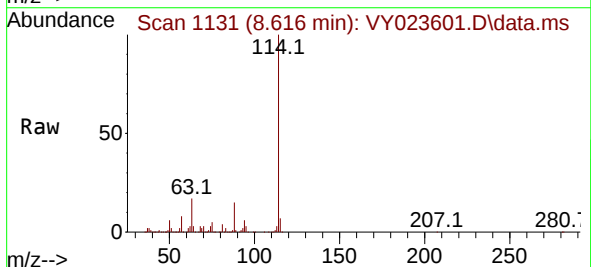
Tgt Ion:114 Resp: 666569

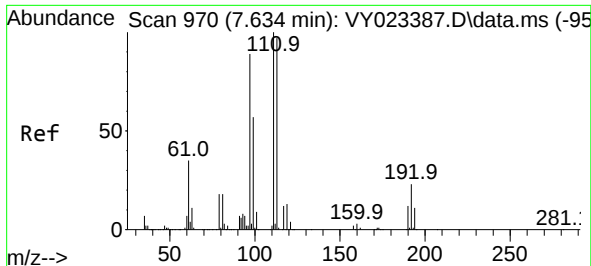
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

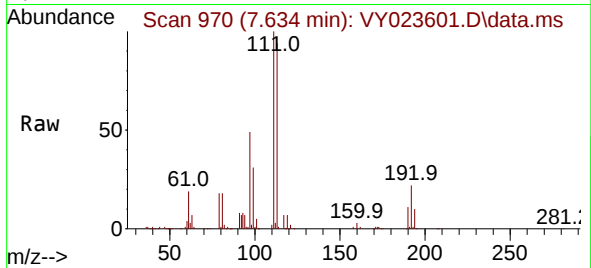
88 14.8 0.0 28.4





#35
Dibromofluoromethane
Concen: 51.280 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

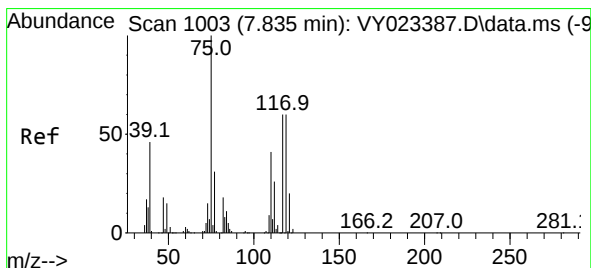
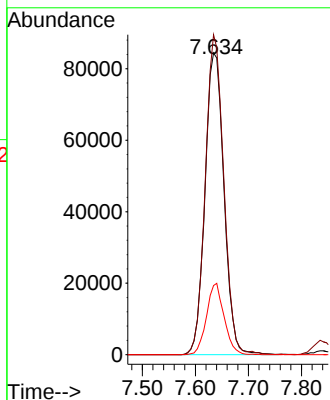
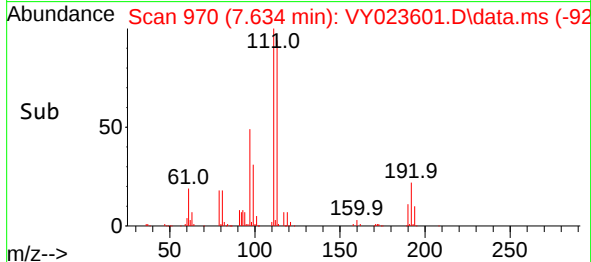
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



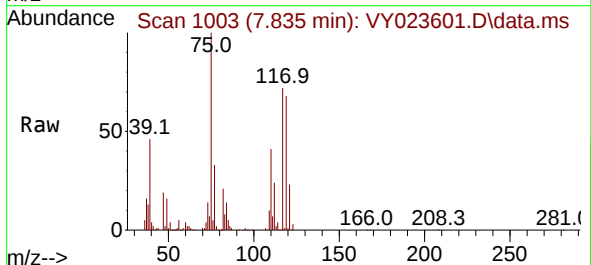
Tgt Ion:113 Resp: 210029
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 21.9 18.0 27.0

Manual Integrations
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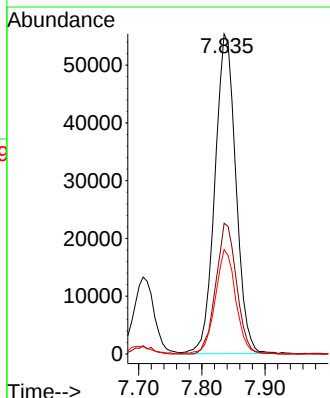
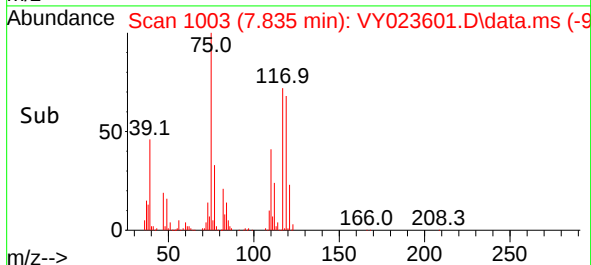
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

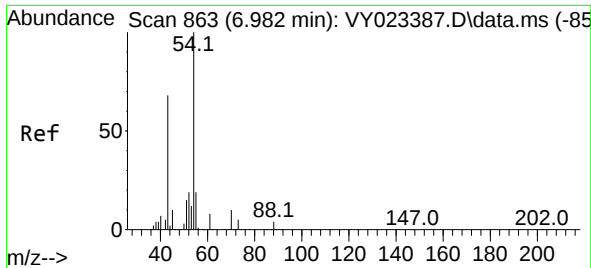


#36
1,1-Dichloropropene
Concen: 23.508 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 75 Resp: 127469
Ion Ratio Lower Upper
75 100
110 40.3 19.9 59.7
77 31.9 25.0 37.6





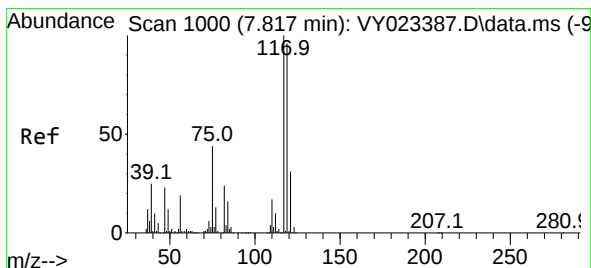
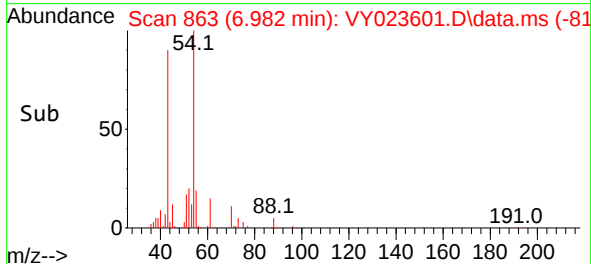
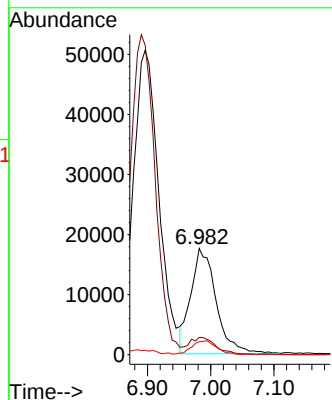
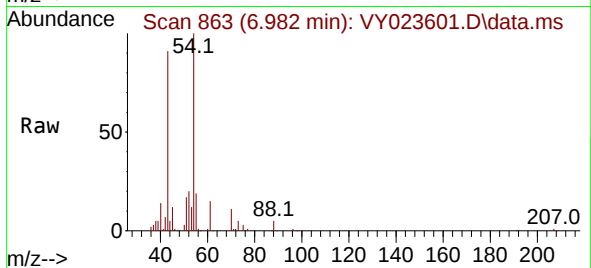
#37
Ethyl Acetate
Concen: 22.810 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Tgt Ion: 43 Resp: 4900
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.8
70 13.1 10.5 15.7

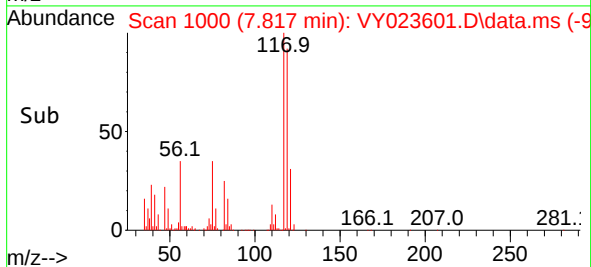
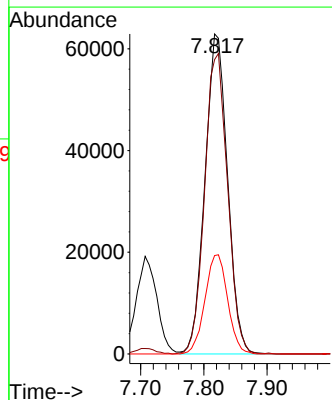
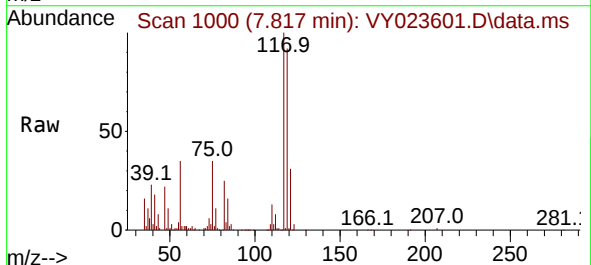
Manual Integrations
APPROVED

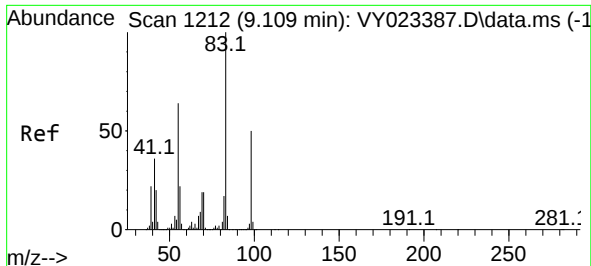
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#38
Carbon Tetrachloride
Concen: 23.792 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

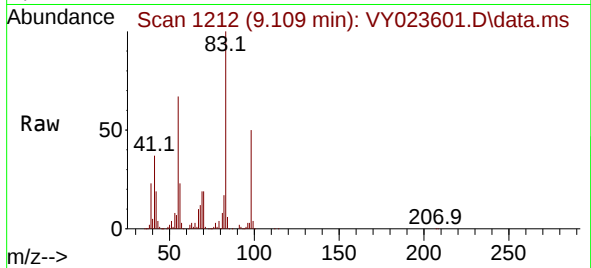
Tgt Ion:117 Resp: 156432
Ion Ratio Lower Upper
117 100
119 92.0 76.8 115.2
121 30.8 24.5 36.7





#39
Methylcyclohexane
Concen: 22.380 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

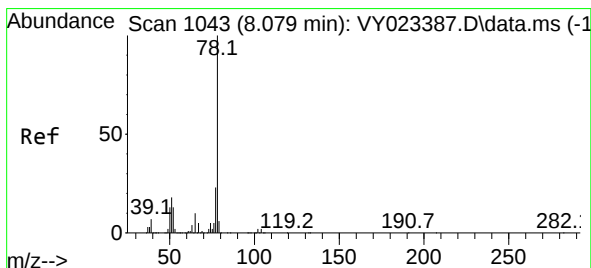
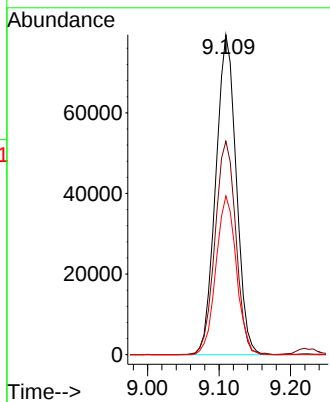
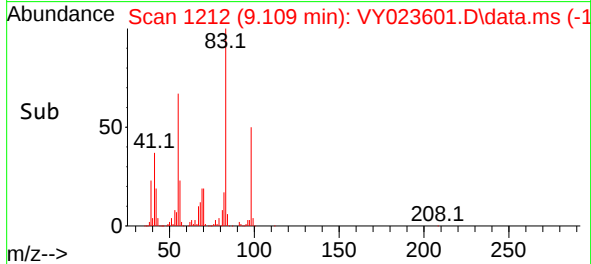
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



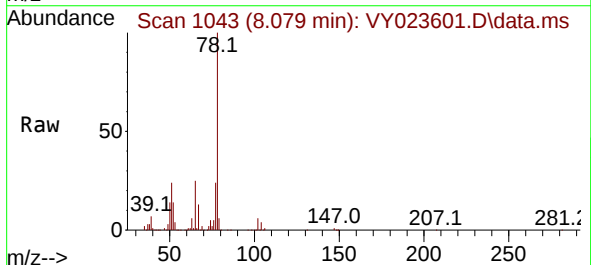
Tgt Ion: 83 Resp: 158000
Ion Ratio Lower Upper
83 100
55 66.7 51.4 77.2
98 49.6 40.4 60.6

Manual Integrations
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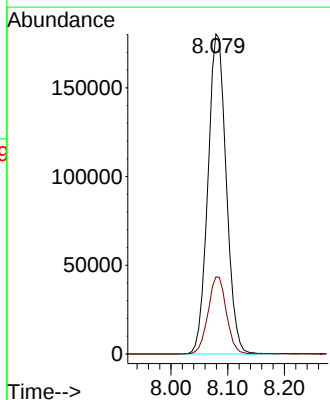
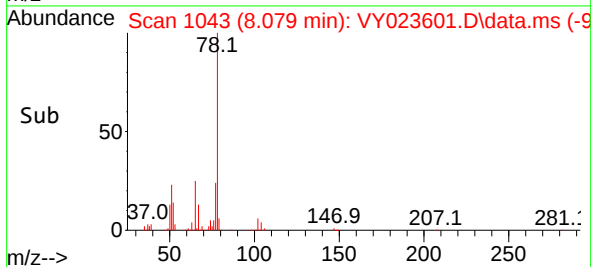
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

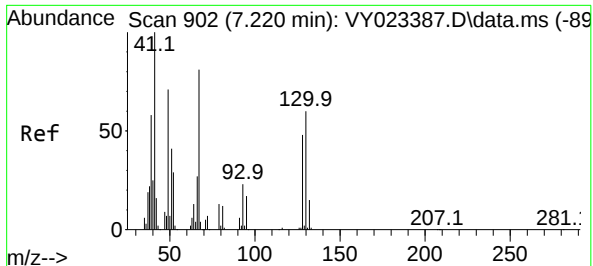


#40
Benzene
Concen: 23.573 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



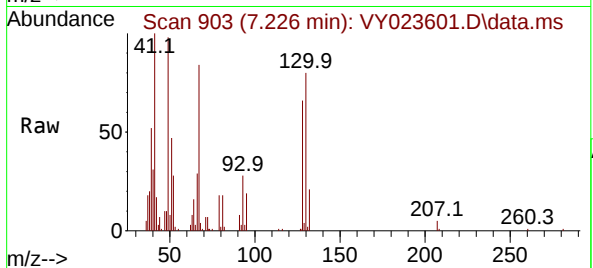
Tgt Ion: 78 Resp: 404795
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5





#41
Methacrylonitrile
Concen: 21.857 ug/l m
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

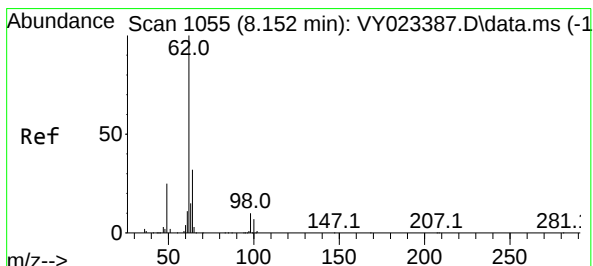
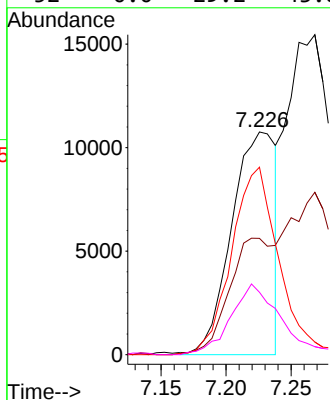
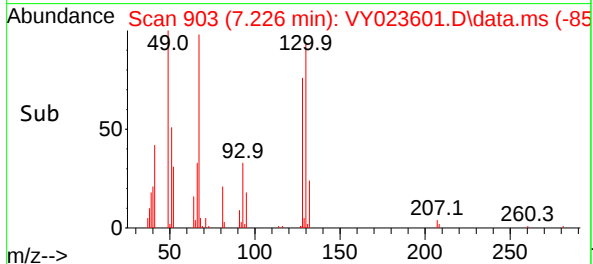
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



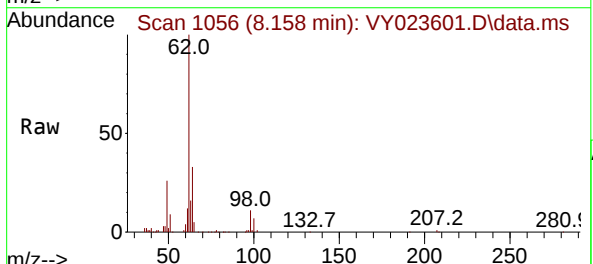
Tgt Ion: 41 Resp: 25394
Ion Ratio Lower Upper
41 100
39 81.9 52.2 78.4
67 0.0 74.9 112.3
52 0.0 29.2 43.8

Manual Integrations
APPROVED

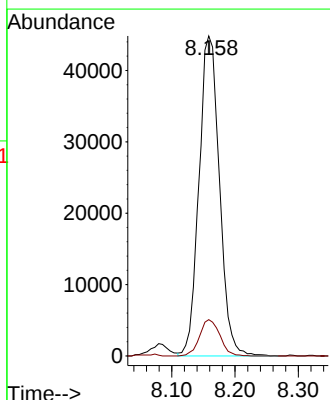
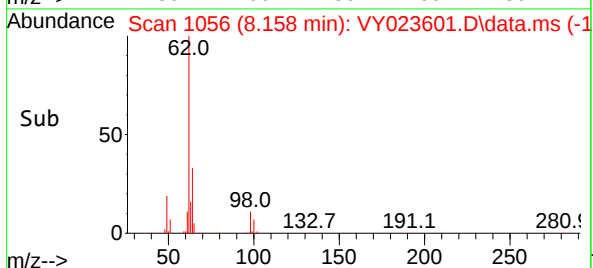
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

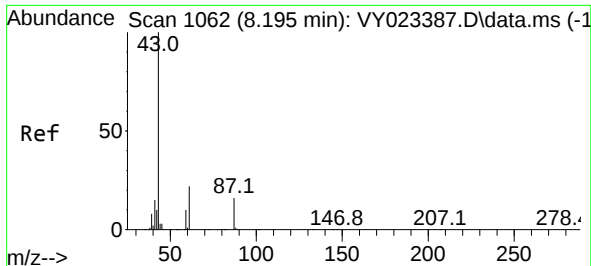


#42
1,2-Dichloroethane
Concen: 22.820 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



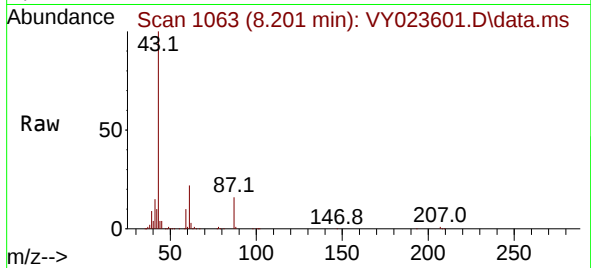
Tgt Ion: 62 Resp: 101064
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.6





#43
Isopropyl Acetate
Concen: 21.989 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

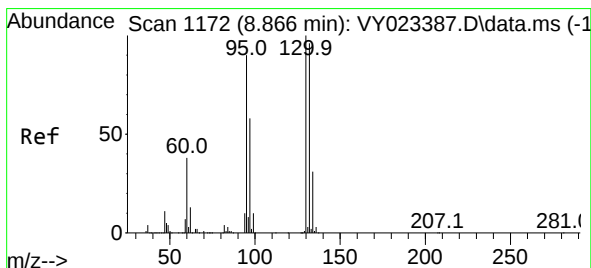
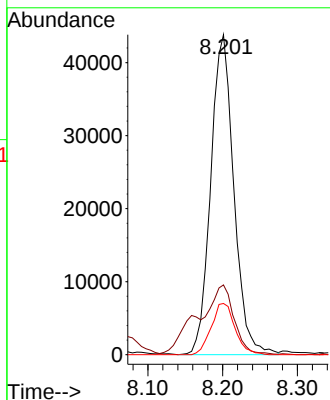
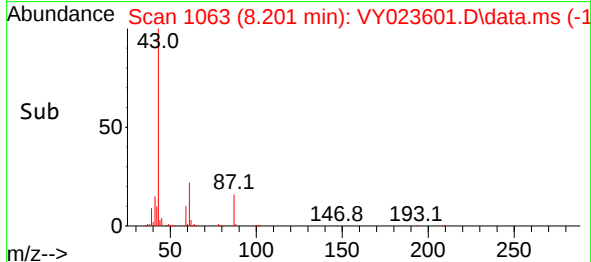
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



Tgt Ion: 43 Resp: 94190
Ion Ratio Lower Upper
43 100
61 22.9 18.1 27.1
87 16.4 13.5 20.3

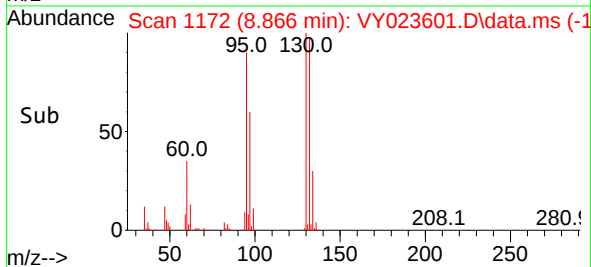
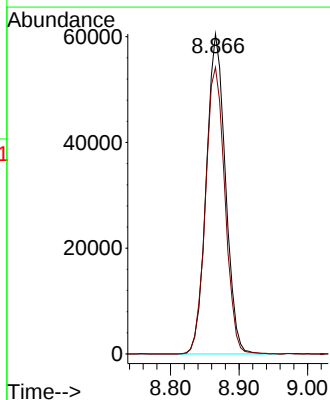
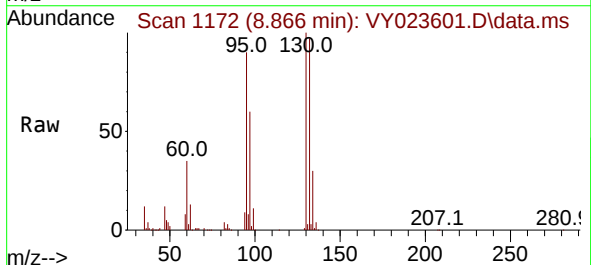
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#44
Trichloroethene
Concen: 23.415 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Tgt Ion:130 Resp: 117688
Ion Ratio Lower Upper
130 100
95 89.5 0.0 180.6





#45

1,2-Dichloropropane

Concen: 23.762 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBSD01

Tgt Ion: 63 Resp: 9012

Ion Ratio Lower Upper

63 100

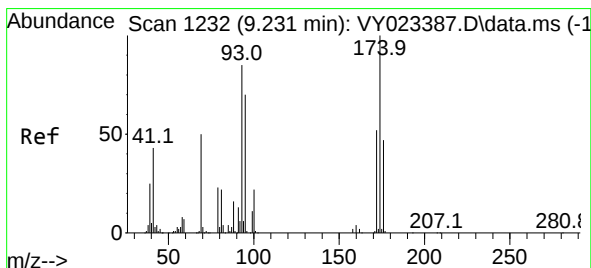
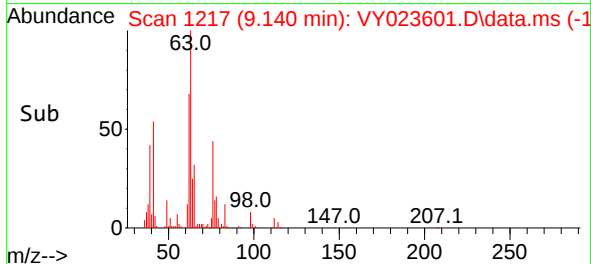
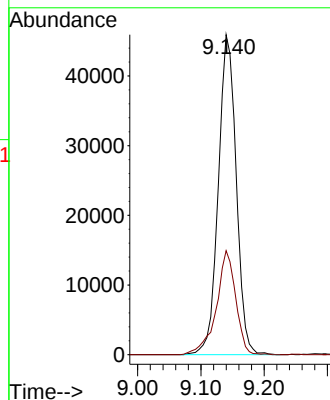
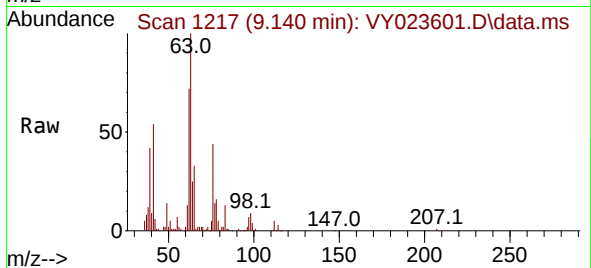
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#46

Dibromomethane

Concen: 23.073 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

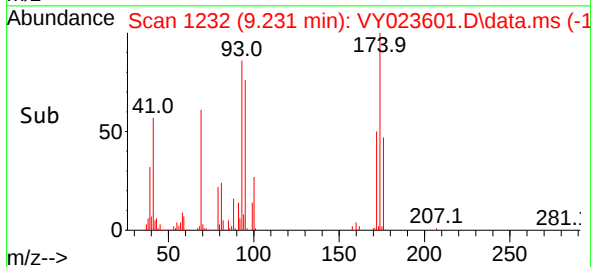
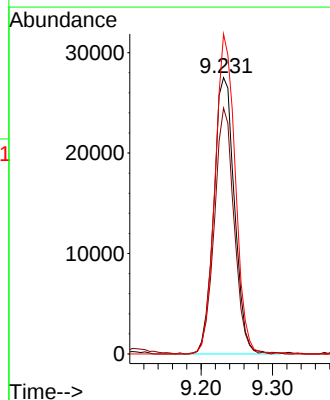
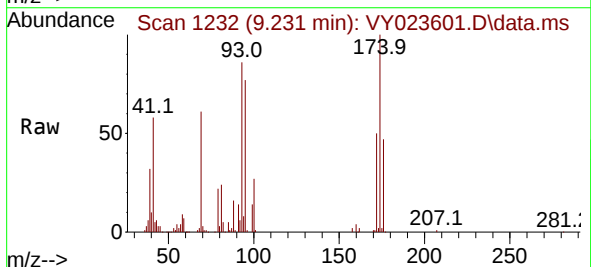
Tgt Ion: 93 Resp: 55338

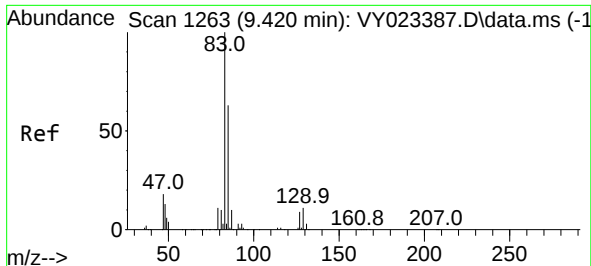
Ion Ratio Lower Upper

93 100

95 84.6 65.4 98.0

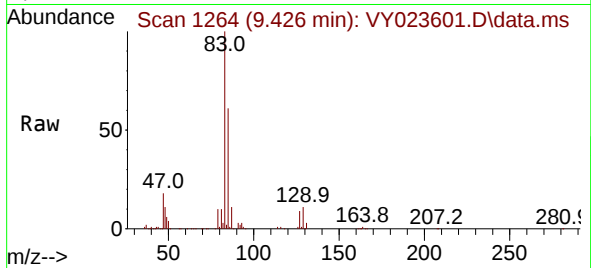
174 113.1 92.9 139.3





#47
Bromodichloromethane
Concen: 23.555 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

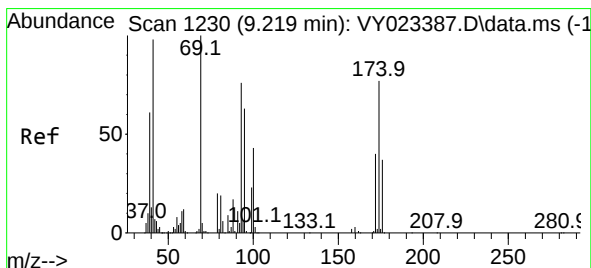
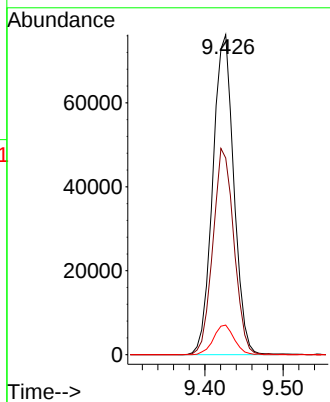
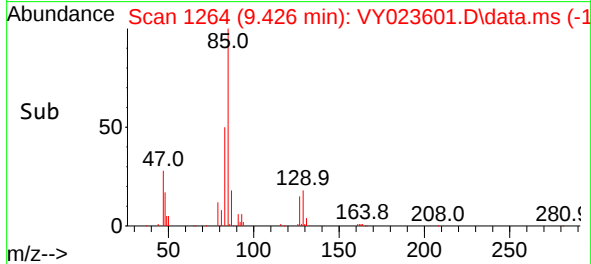
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



Tgt Ion: 83 Resp: 142280
Ion Ratio Lower Upper
83 100
85 61.5 50.8 76.2
127 9.3 7.4 11.2

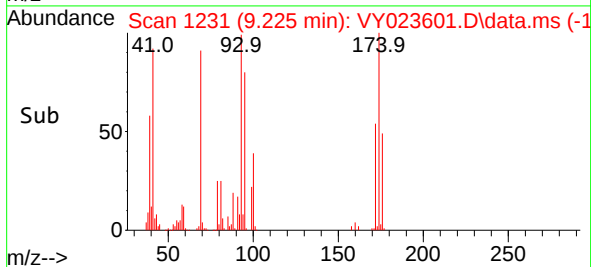
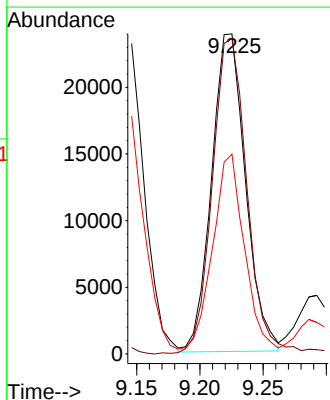
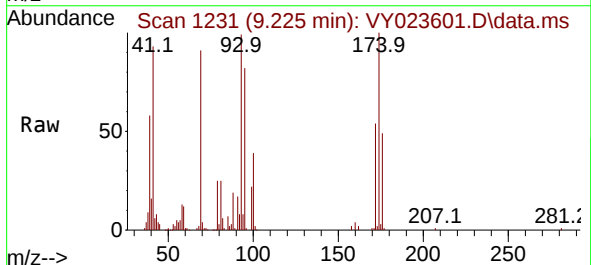
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#48
Methyl methacrylate
Concen: 22.129 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Tgt Ion: 41 Resp: 44531
Ion Ratio Lower Upper
41 100
69 102.0 81.0 121.4
39 56.4 48.2 72.4





#49

1,4-Dioxane

Concen: 433.195 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBSD01

Tgt Ion: 88 Resp: 12040

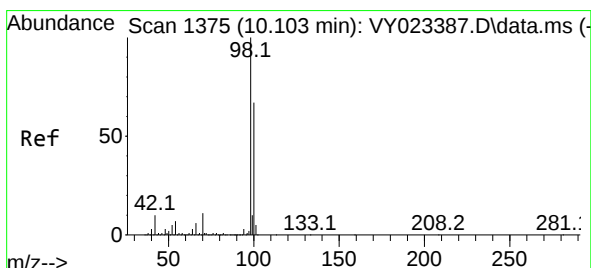
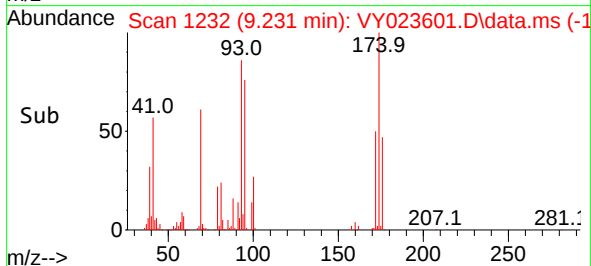
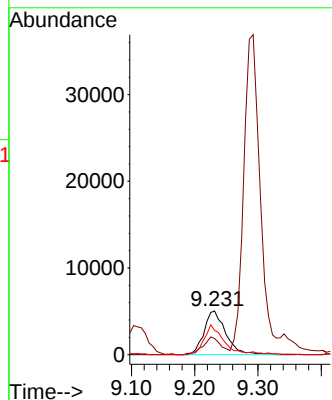
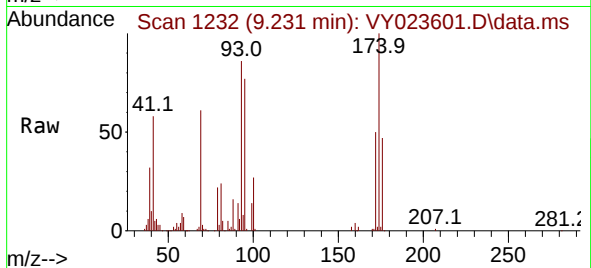
Ion	Ratio	Lower	Upper
88	100		
43	33.8	21.8	32.8
58	59.0	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#50

Toluene-d8

Concen: 50.773 ug/l

RT: 10.109 min Scan# 1376

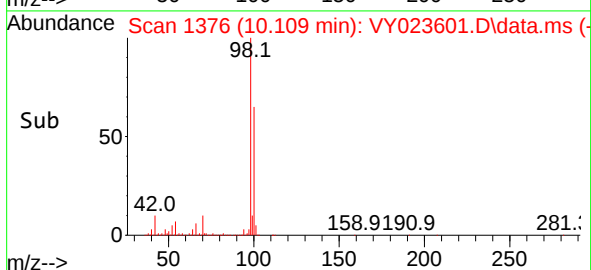
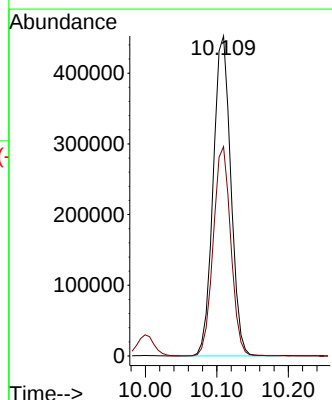
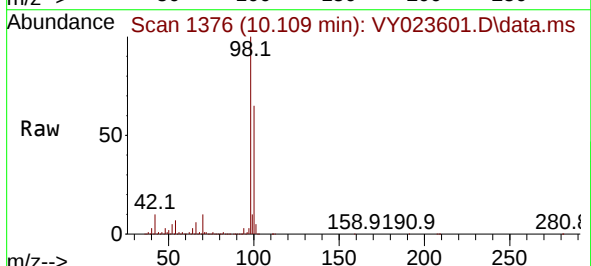
Delta R.T. 0.006 min

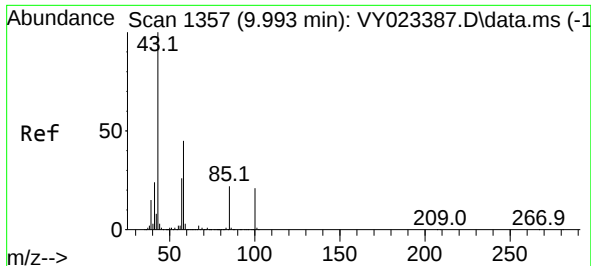
Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Tgt Ion: 98 Resp: 774440

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4





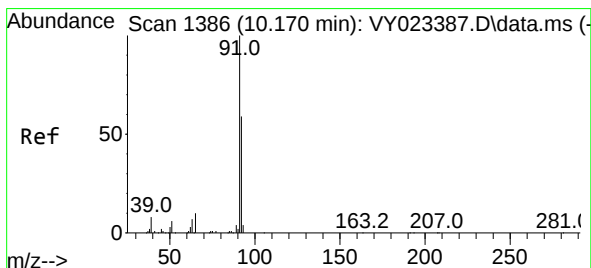
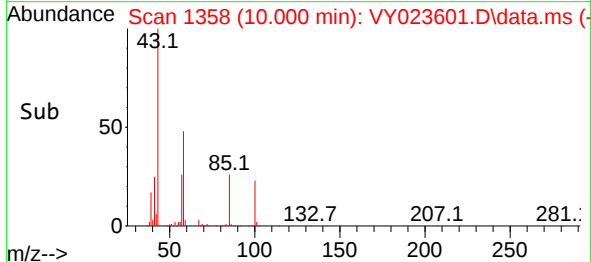
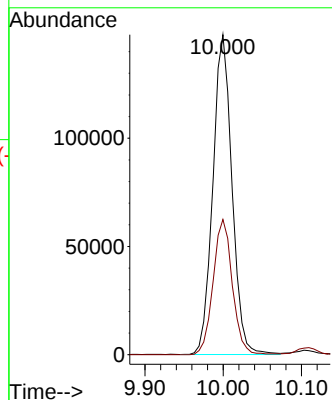
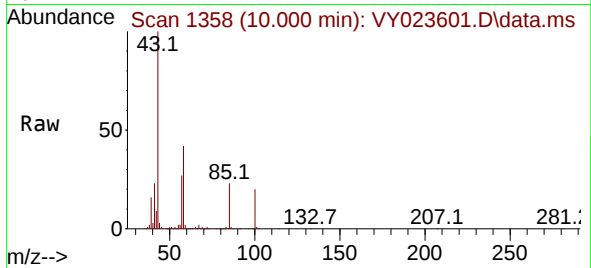
#51
4-Methyl-2-Pentanone
Concen: 113.285 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tgt Ion: 43 Resp: 250710
Ion Ratio Lower Upper
43 100
58 42.5 35.3 52.9

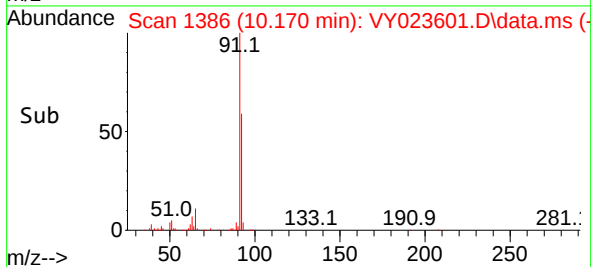
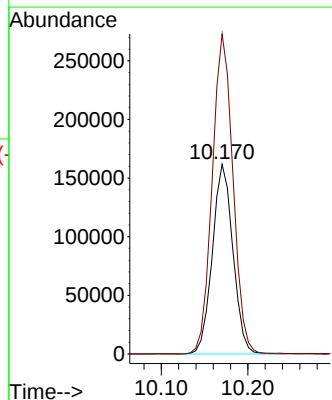
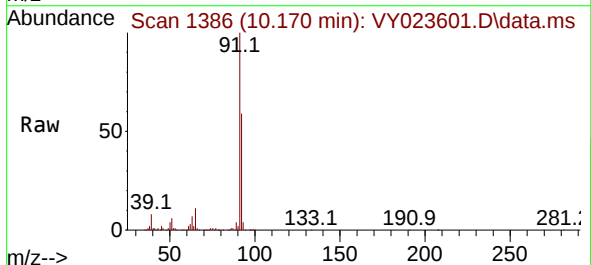
Manual Integrations
APPROVED

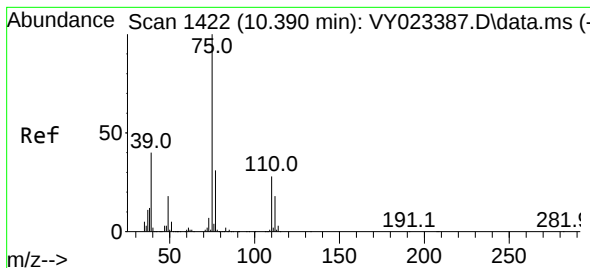
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#52
Toluene
Concen: 23.853 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Tgt Ion: 92 Resp: 265953
Ion Ratio Lower Upper
92 100
91 170.5 136.4 204.6





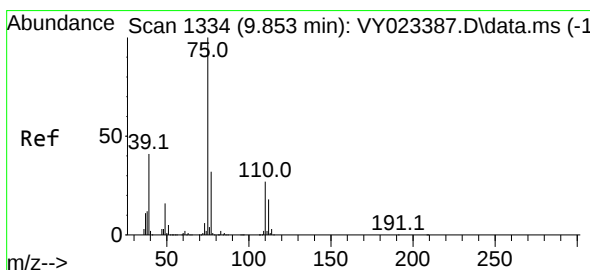
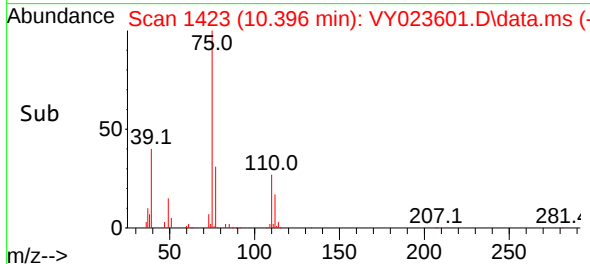
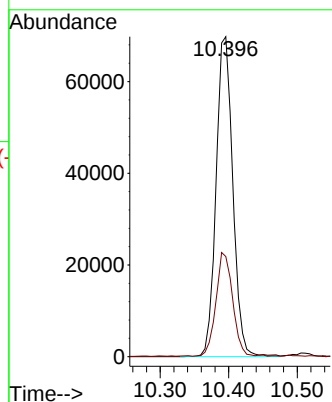
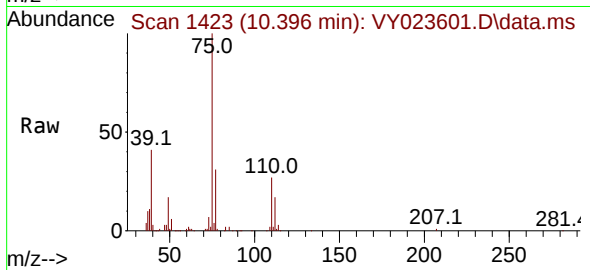
#53
t-1,3-Dichloropropene
Concen: 22.473 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tgt Ion: 75 Resp: 11803
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7

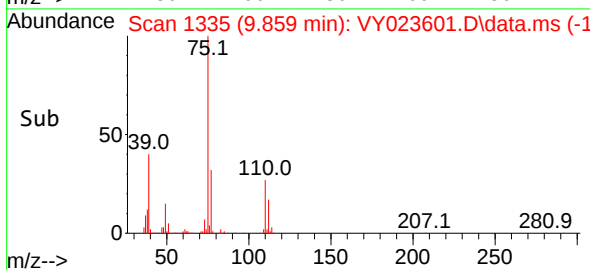
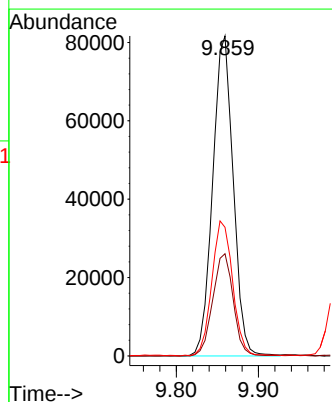
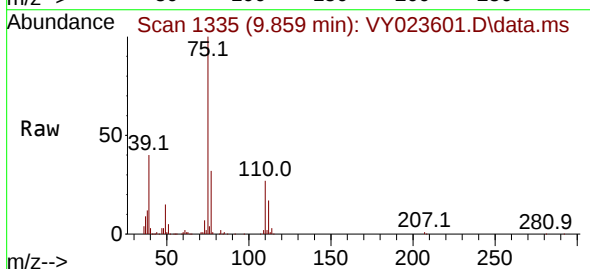
Manual Integrations
APPROVED

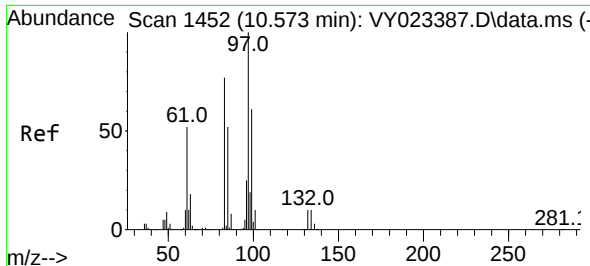
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#54
cis-1,3-Dichloropropene
Concen: 22.839 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

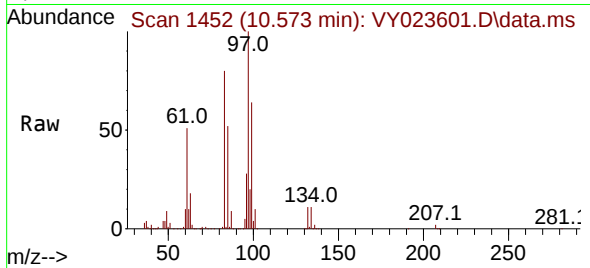
Tgt Ion: 75 Resp: 141576
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 40.2 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 23.716 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

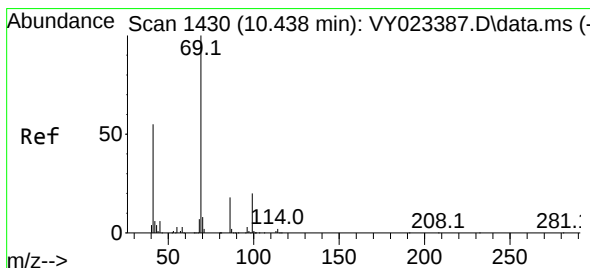
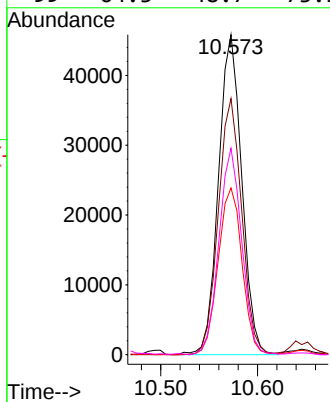
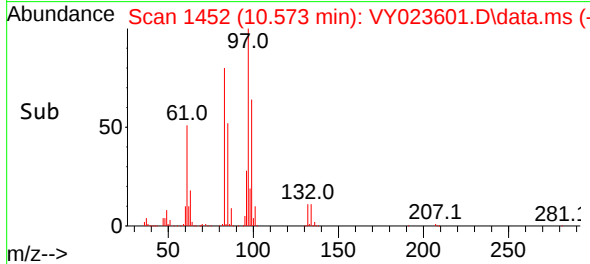
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



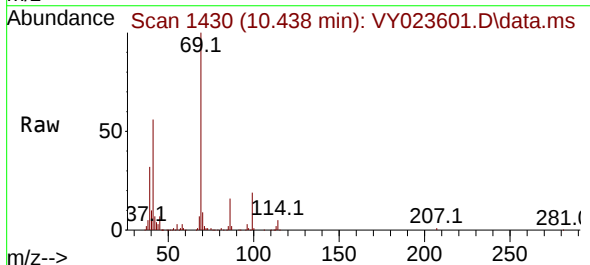
Tgt Ion: 97 Resp: 76489
Ion Ratio Lower Upper
97 100
83 80.0 61.8 92.6
85 52.1 41.3 61.9
99 64.3 48.7 73.1

Manual Integrations
APPROVED

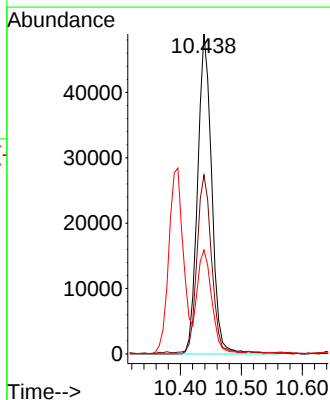
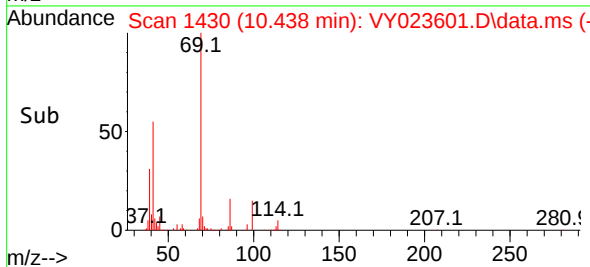
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

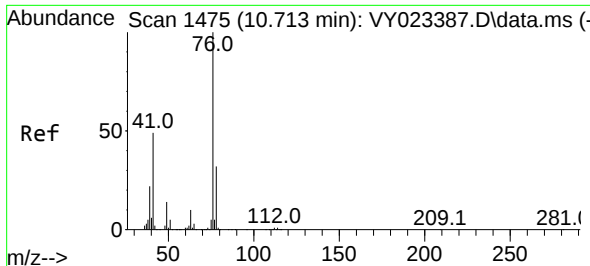


#56
Ethyl methacrylate
Concen: 21.205 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 69 Resp: 78889
Ion Ratio Lower Upper
69 100
41 56.6 44.6 67.0
39 31.9 27.0 40.4





#57

1,3-Dichloropropane

Concen: 22.924 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tgt Ion: 76 Resp: 117159

Ion Ratio Lower Upper

76 100

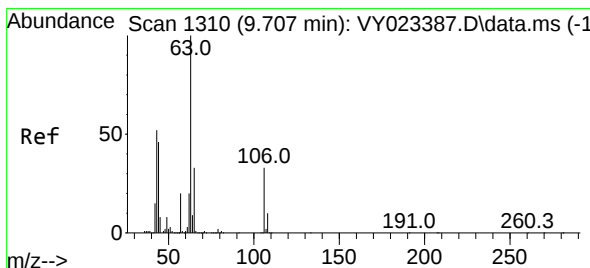
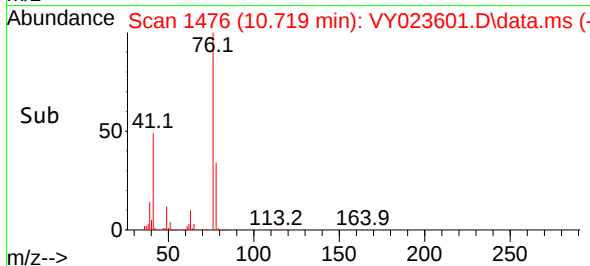
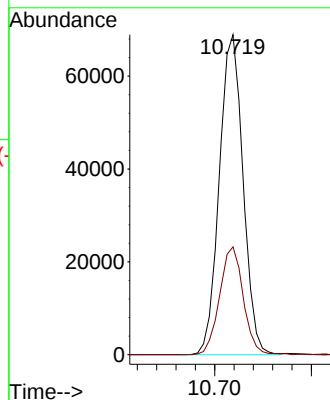
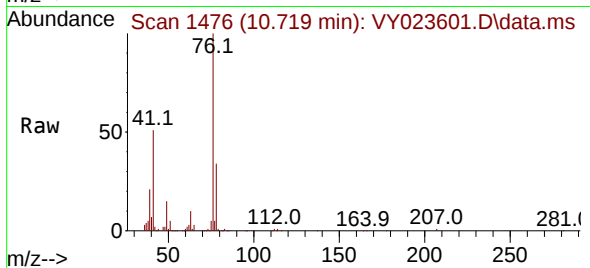
78 33.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.936 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023601.D

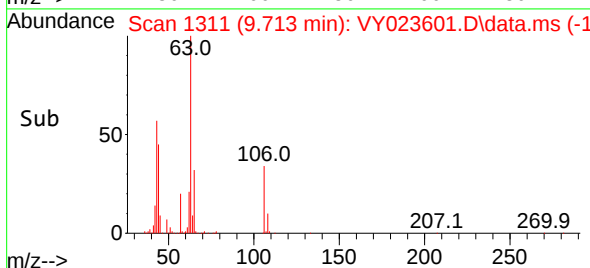
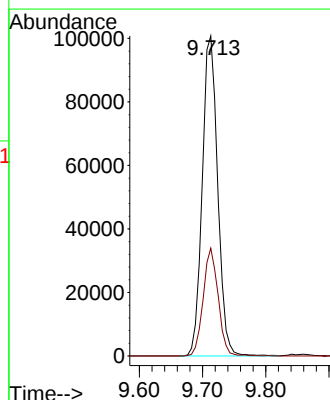
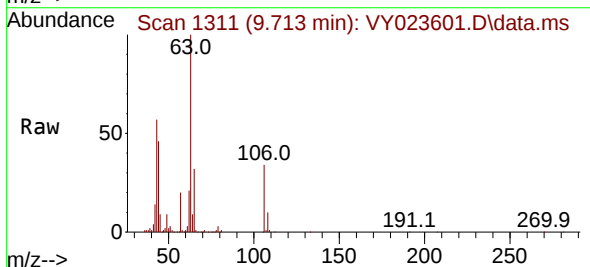
Acq: 28 Oct 2025 10:24

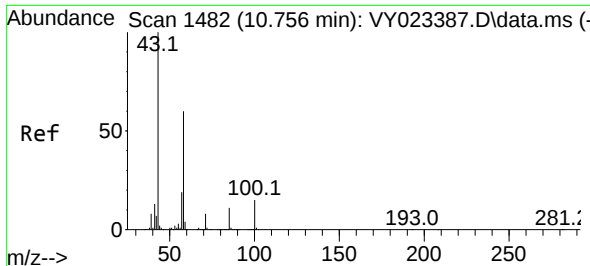
Tgt Ion: 63 Resp: 171553

Ion Ratio Lower Upper

63 100

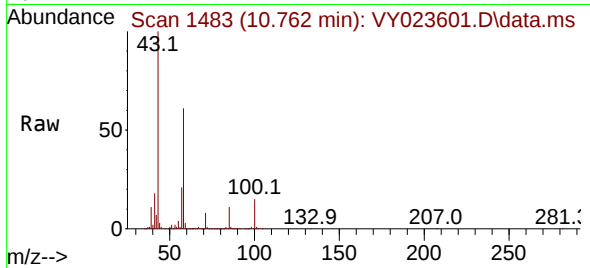
106 32.6 26.6 39.8





#59
2-Hexanone
Concen: 127.179 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

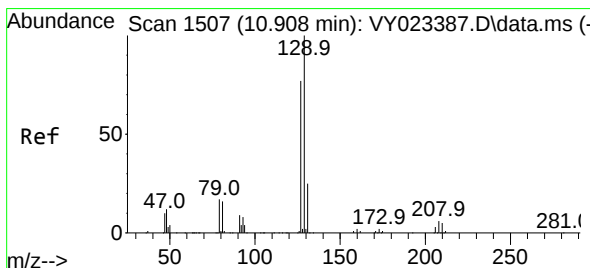
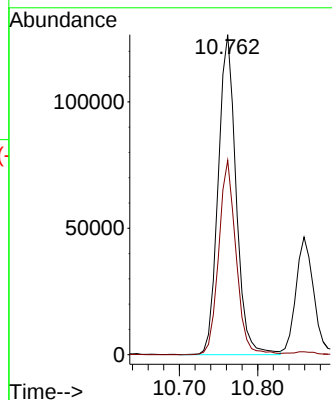
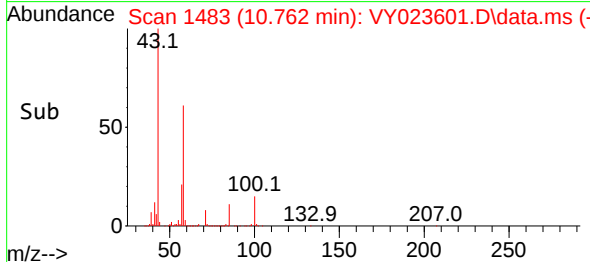
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



Tgt Ion: 43 Resp: 201148
Ion Ratio Lower Upper
43 100
58 58.8 30.5 91.5

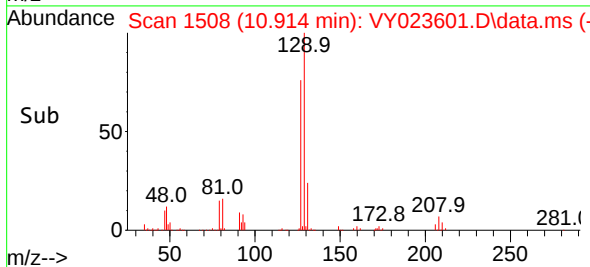
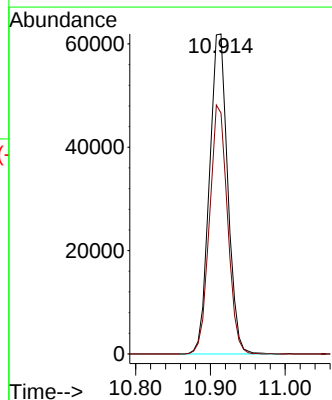
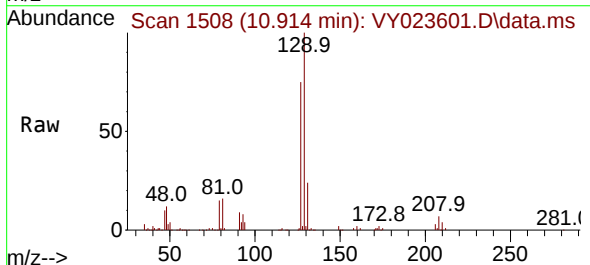
Manual Integrations
APPROVED

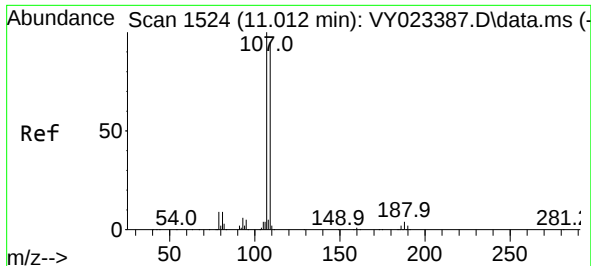
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#60
Dibromochloromethane
Concen: 23.352 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

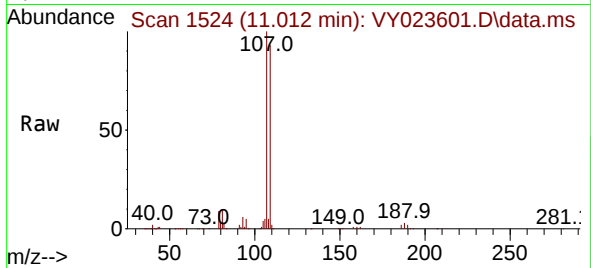
Tgt Ion:129 Resp: 105595
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 22.777 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

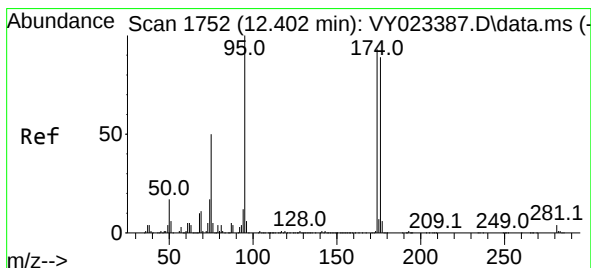
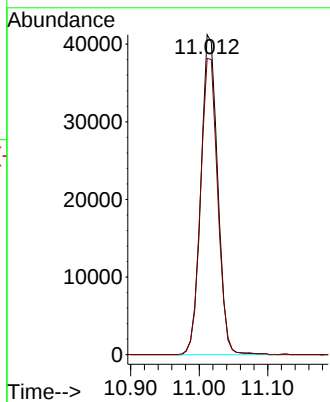
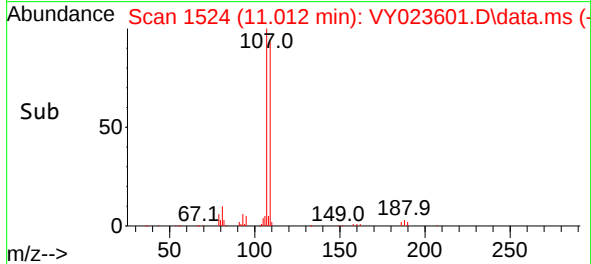
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



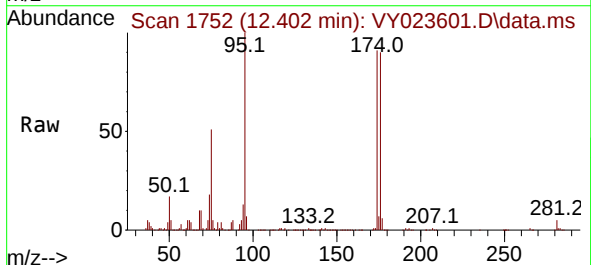
Tgt Ion:107 Resp: 70060
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1

Manual Integrations
APPROVED

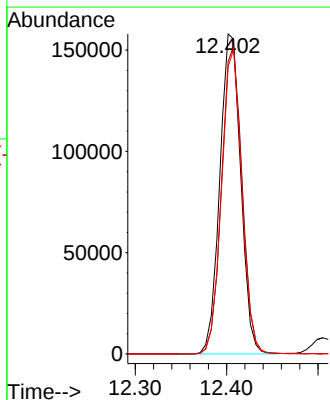
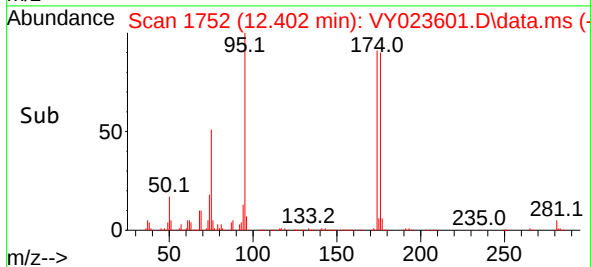
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#62
4-Bromofluorobenzene
Concen: 49.916 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



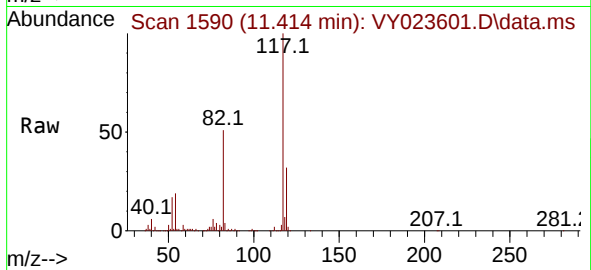
Tgt Ion: 95 Resp: 251364
Ion Ratio Lower Upper
95 100
174 94.5 0.0 192.8
176 92.5 0.0 187.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

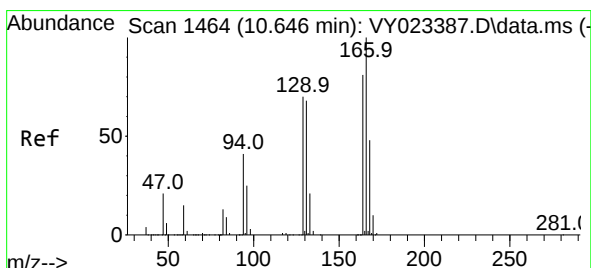
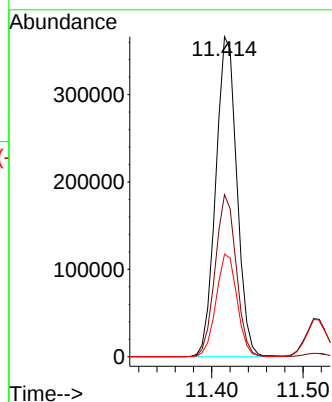
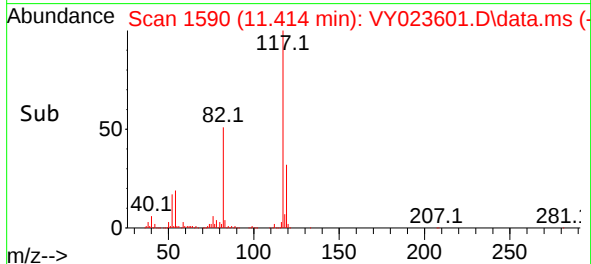
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



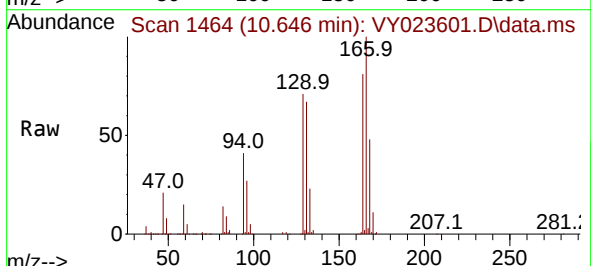
Tgt Ion:117 Resp: 588558
Ion Ratio Lower Upper
117 100
82 50.6 41.0 61.4
119 32.0 25.6 38.4

Manual Integrations
APPROVED

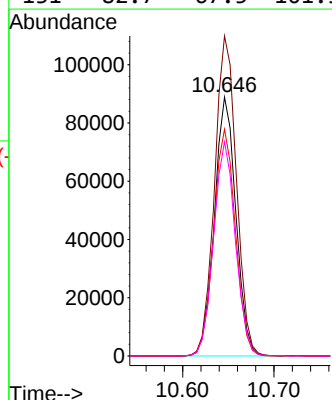
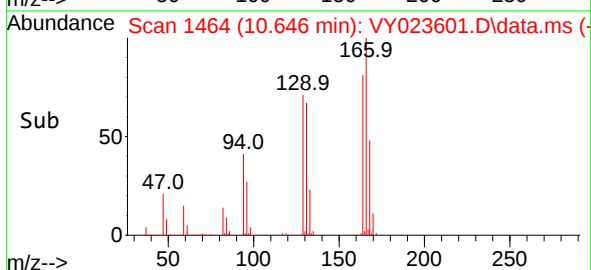
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

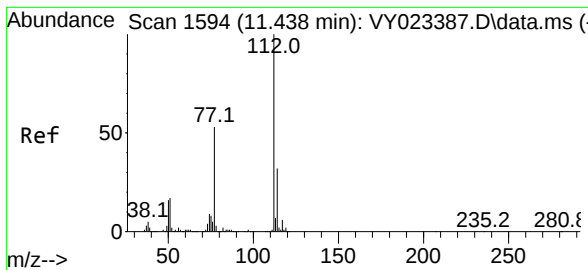


#64
Tetrachloroethene
Concen: 23.922 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



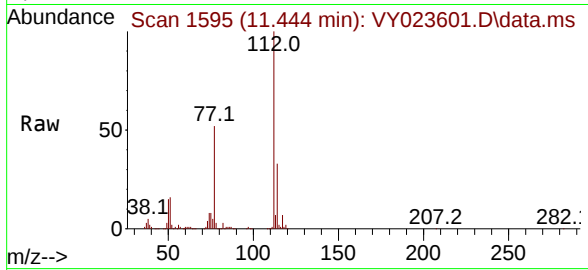
Tgt Ion:164 Resp: 145375
Ion Ratio Lower Upper
164 100
166 123.6 99.4 149.0
129 87.6 69.4 104.2
131 82.7 67.5 101.3





#65
Chlorobenzene
Concen: 23.140 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

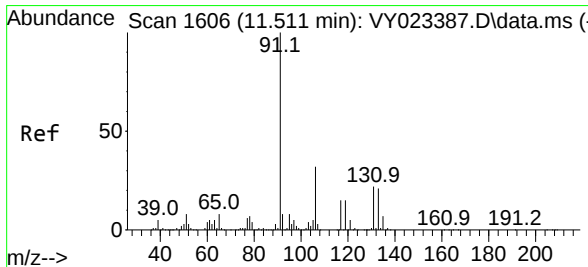
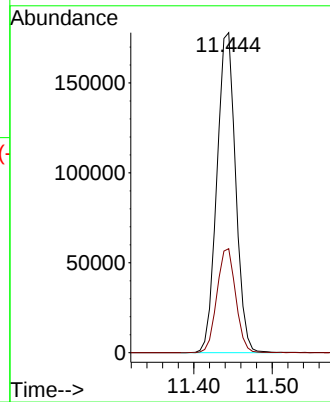
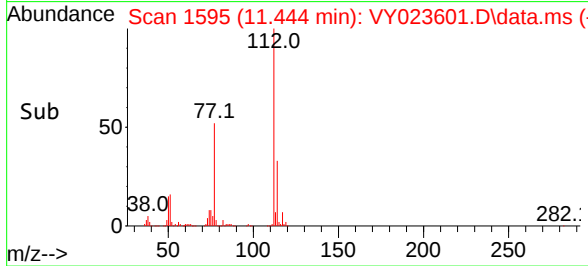
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



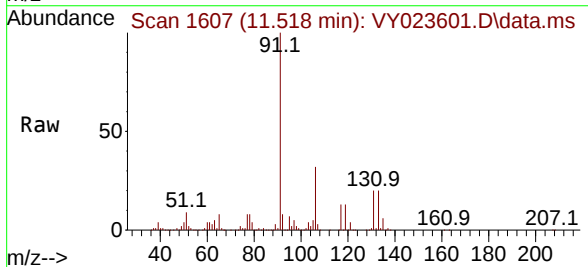
Tgt Ion:112 Resp: 29621
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

Manual Integrations
APPROVED

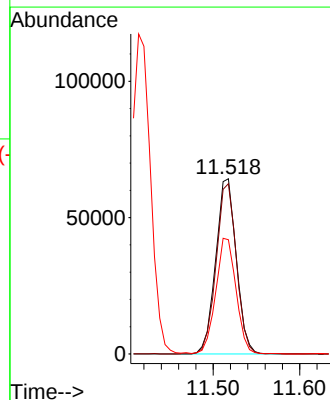
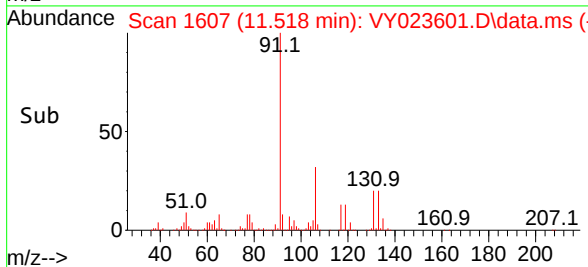
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

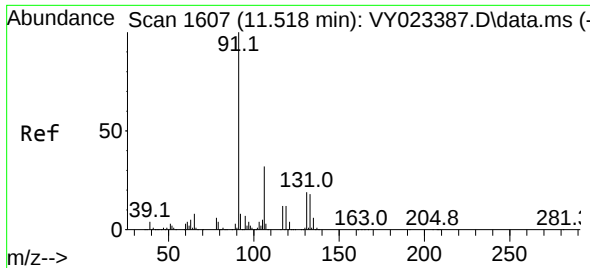


#66
1,1,1,2-Tetrachloroethane
Concen: 23.237 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



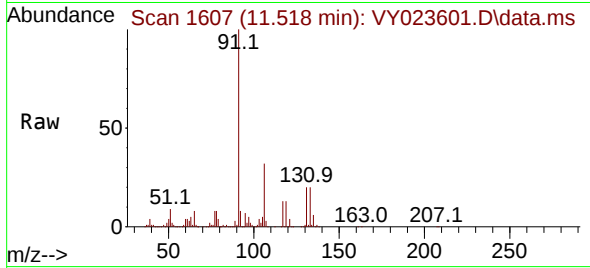
Tgt Ion:131 Resp: 106001
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.2
119 65.4 32.4 97.2





#67
Ethyl Benzene
Concen: 23.039 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

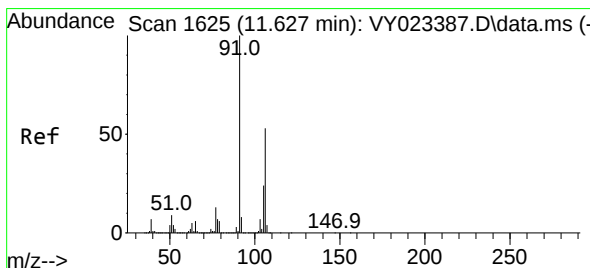
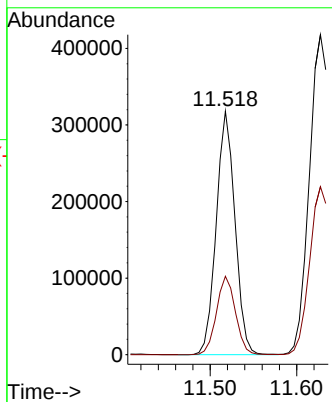
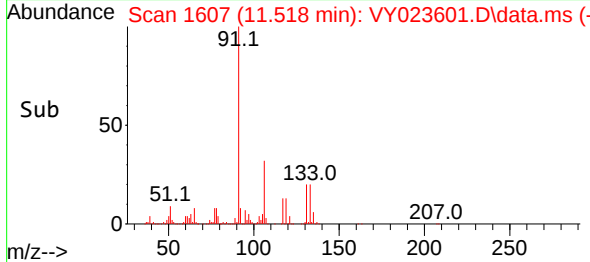
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



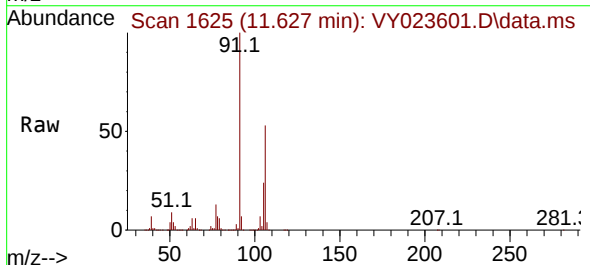
Tgt Ion: 91 Resp: 47737
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

Manual Integrations
APPROVED

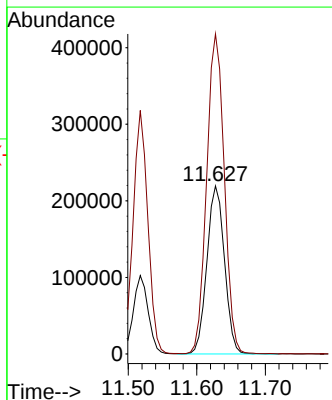
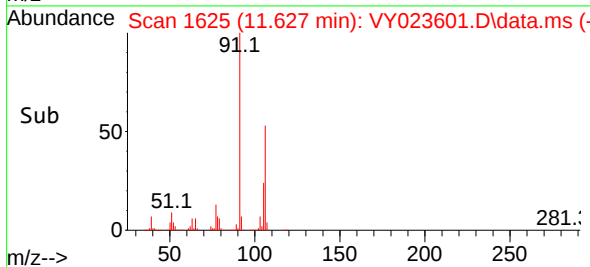
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

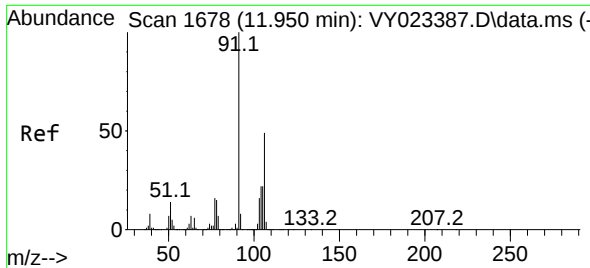


#68
m/p-Xylenes
Concen: 47.076 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion:106 Resp: 391246
Ion Ratio Lower Upper
106 100
91 190.8 152.6 229.0





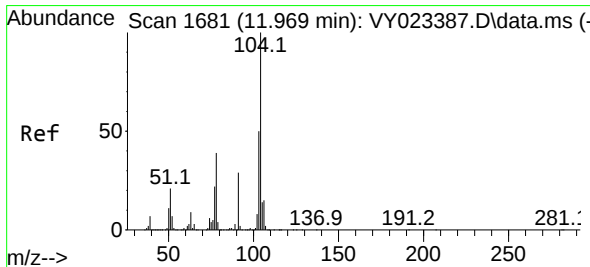
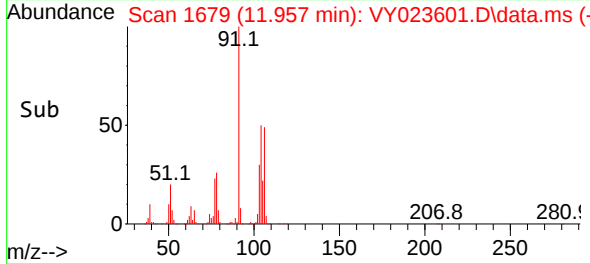
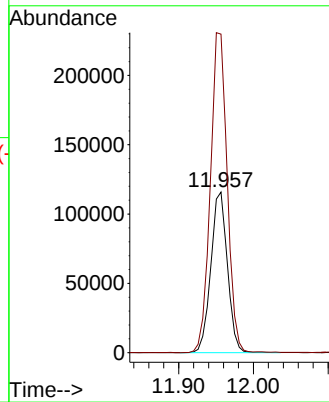
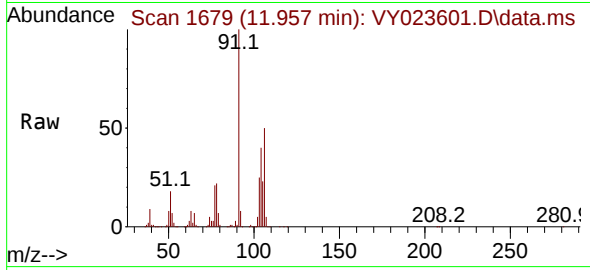
#69
o-Xylene
Concen: 22.867 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Tgt Ion:106 Resp: 178260
Ion Ratio Lower Upper
106 100
91 202.5 101.4 304.1

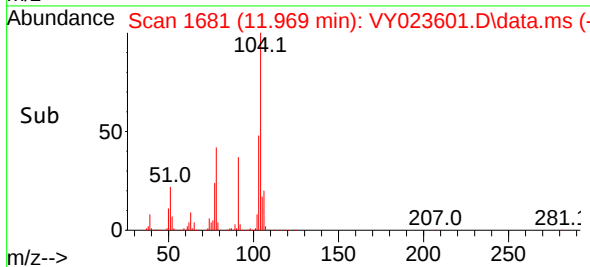
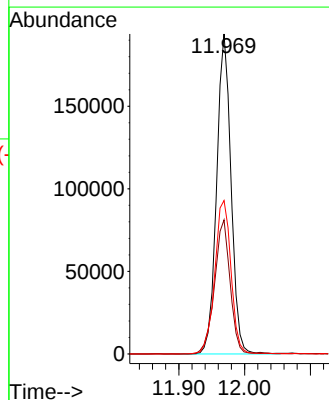
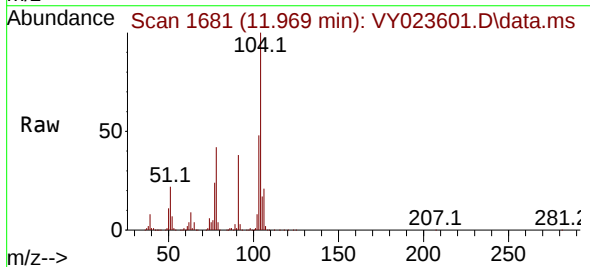
Manual Integrations
APPROVED

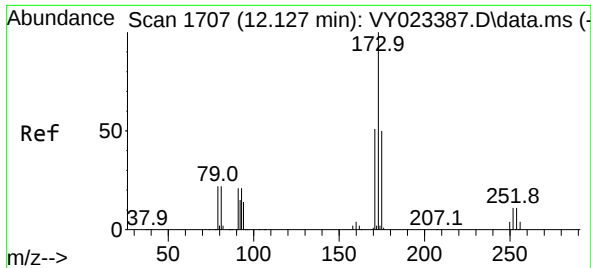
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#70
Styrene
Concen: 23.039 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

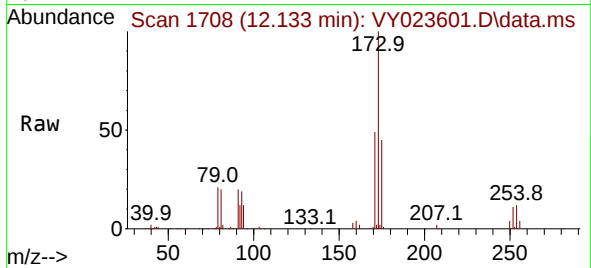
Tgt Ion:104 Resp: 295341
Ion Ratio Lower Upper
104 100
78 45.5 36.1 54.1
103 53.9 43.2 64.8





#71
Bromoform
Concen: 22.827 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

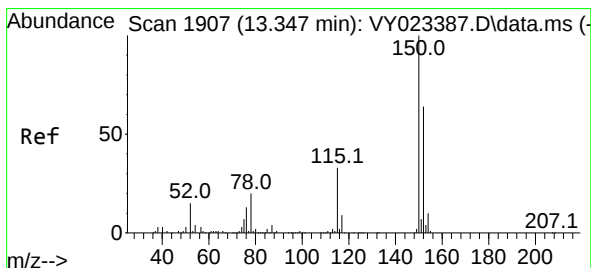
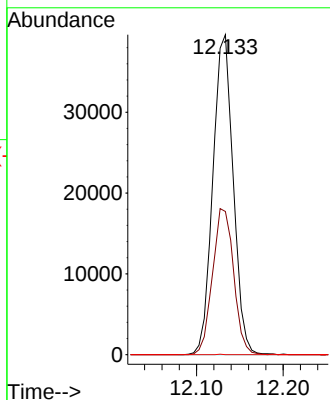
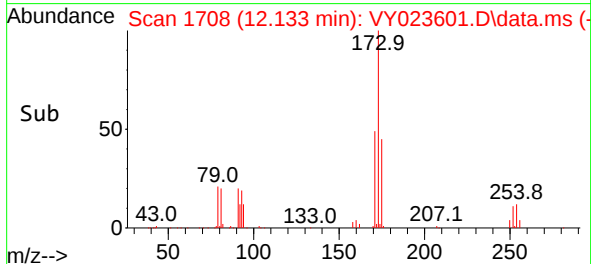
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



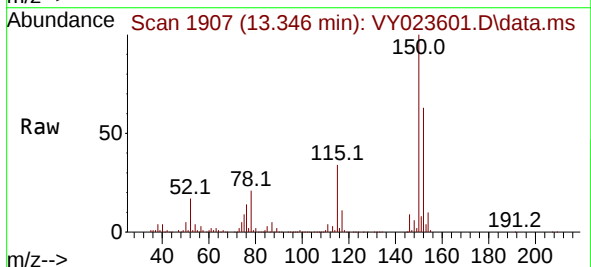
Tgt Ion:173 Resp: 6459
Ion Ratio Lower Upper
173 100
175 47.4 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

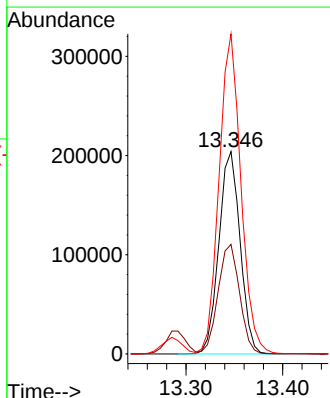
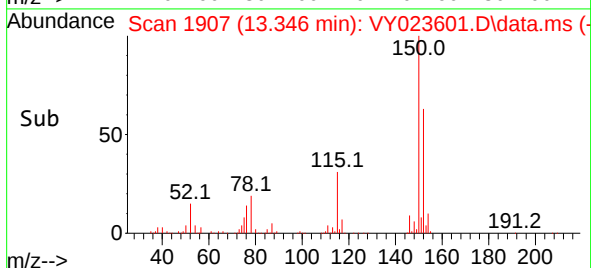
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

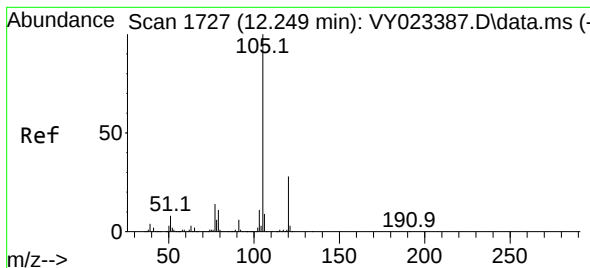


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion:152 Resp: 310817
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.2
150 162.3 0.0 347.4





#73

Isopropylbenzene

Concen: 22.775 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01

Tgt Ion:105 Resp: 466499

Ion Ratio Lower Upper

105 100

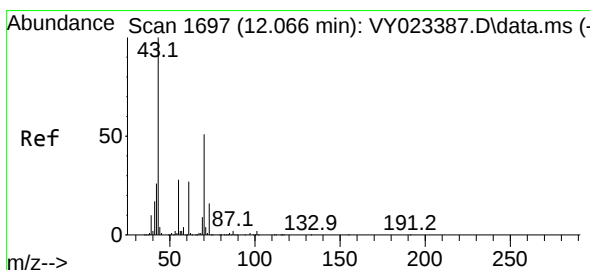
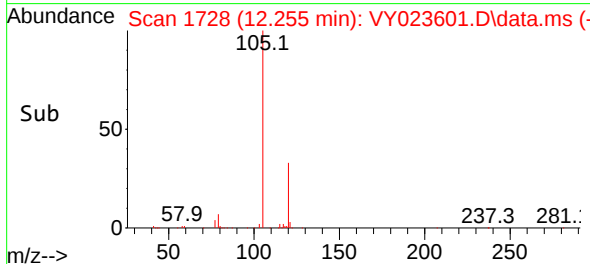
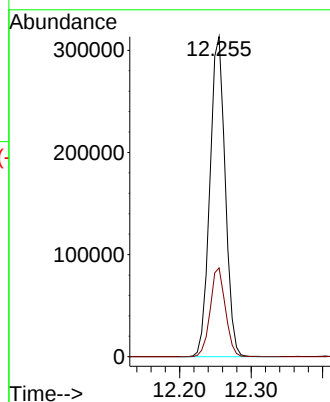
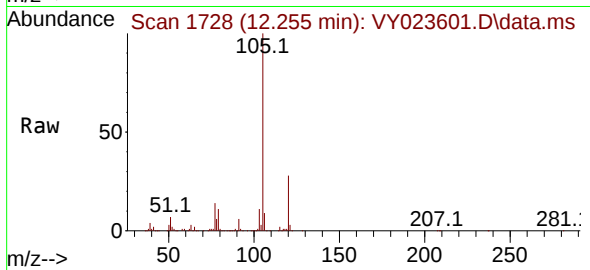
120 27.5 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#74

N-amy1 acetate

Concen: 21.022 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

Tgt Ion: 43 Resp: 77341

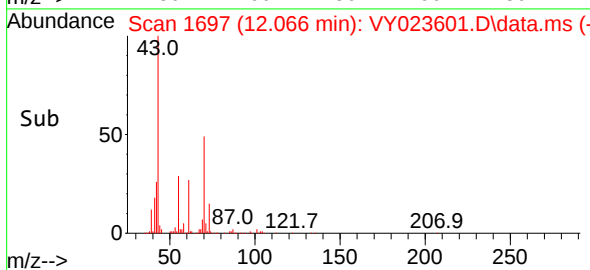
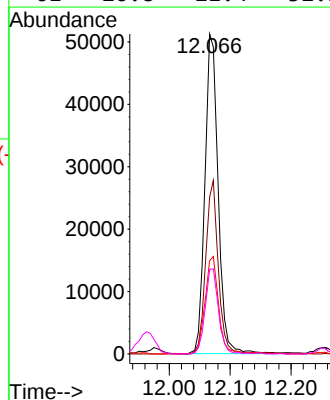
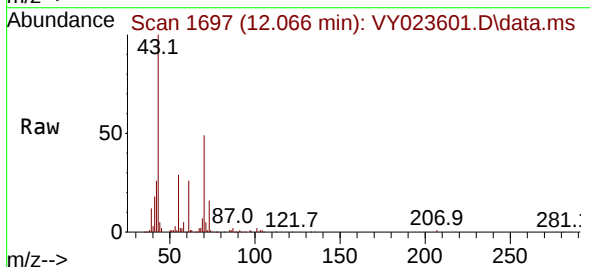
Ion Ratio Lower Upper

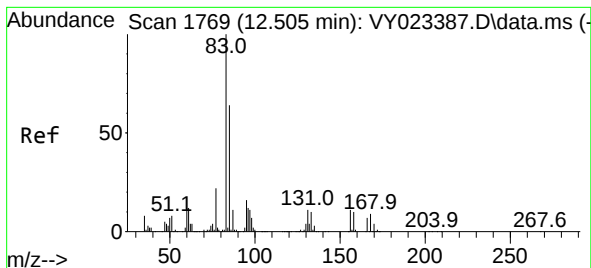
43 100

70 51.5 41.1 61.7

55 31.2 23.0 34.6

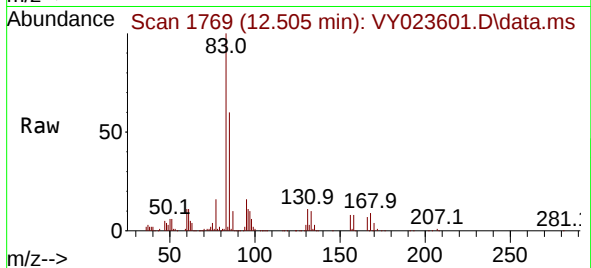
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.643 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

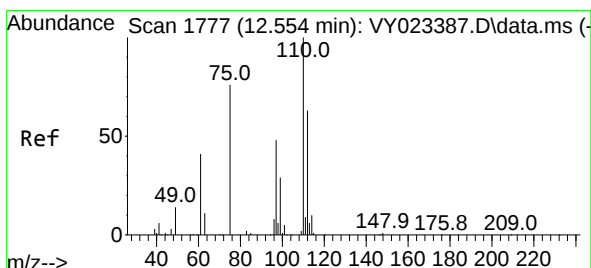
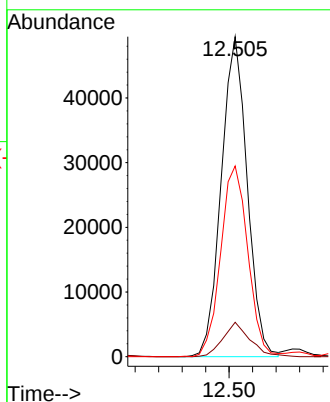
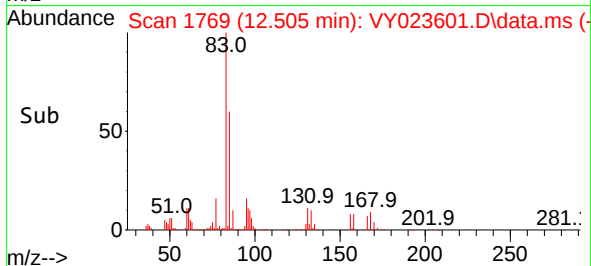
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



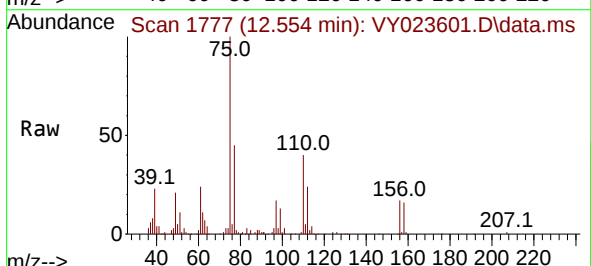
Tgt Ion: 83 Resp: 75858
Ion Ratio Lower Upper
83 100
131 11.2 5.9 17.6
85 62.4 31.8 95.3

Manual Integrations
APPROVED

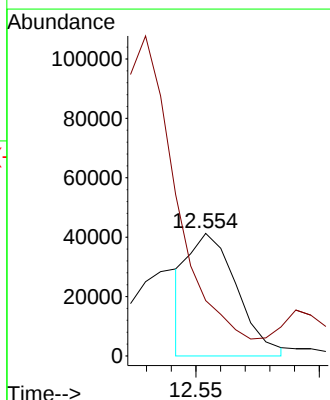
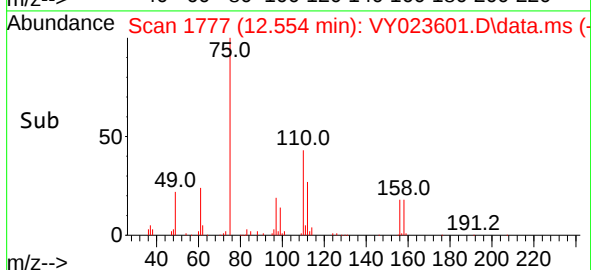
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

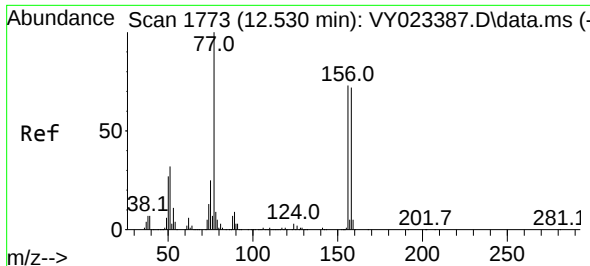


#76
1,2,3-Trichloropropane
Concen: 20.685 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



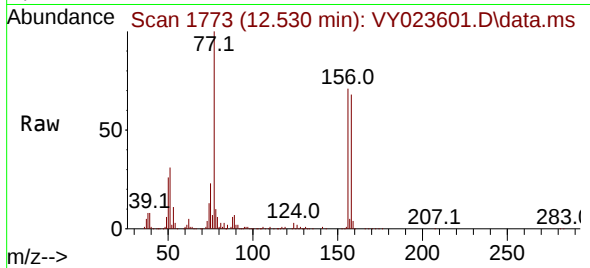
Tgt Ion: 75 Resp: 56722
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 22.241 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

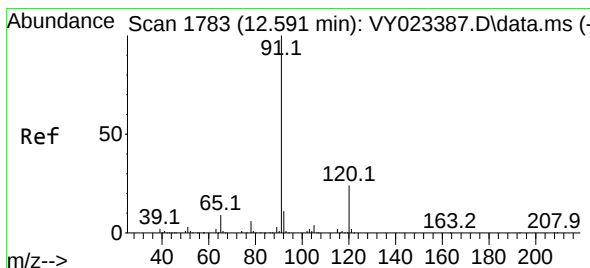
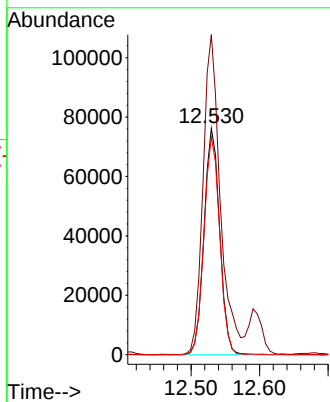
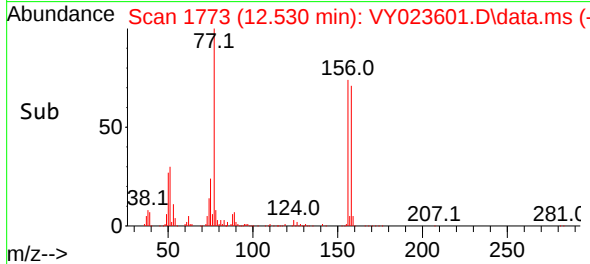
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



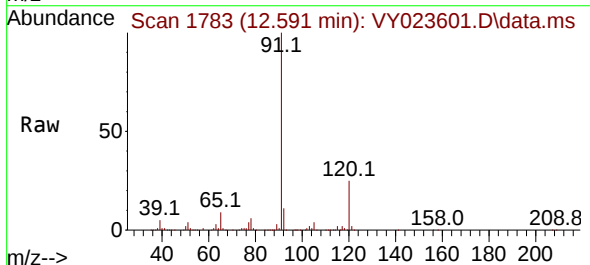
Tgt Ion:156 Resp: 121111
Ion Ratio Lower Upper
156 100
77 155.8 76.8 230.5
158 96.6 49.0 147.2

Manual Integrations
APPROVED

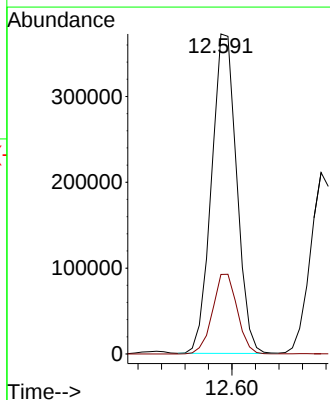
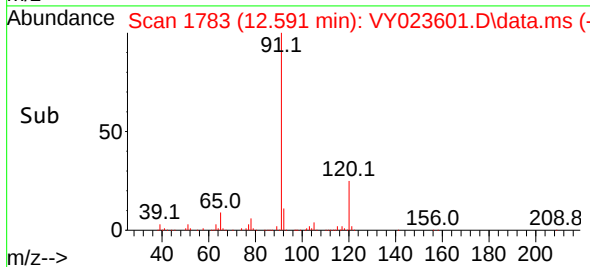
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

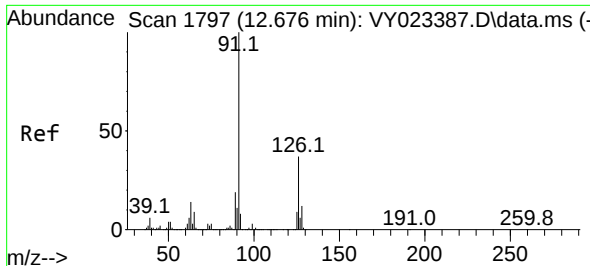


#78
n-propylbenzene
Concen: 23.318 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 91 Resp: 552713
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8





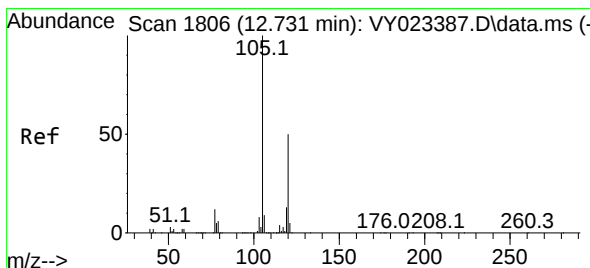
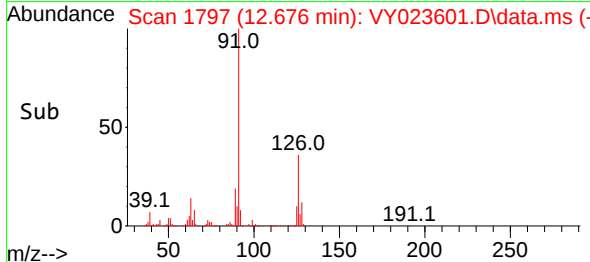
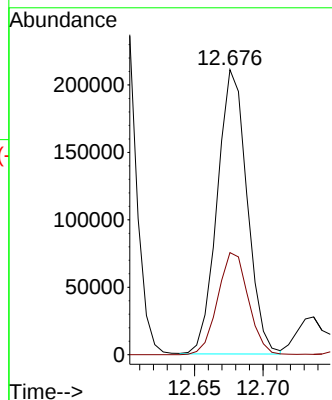
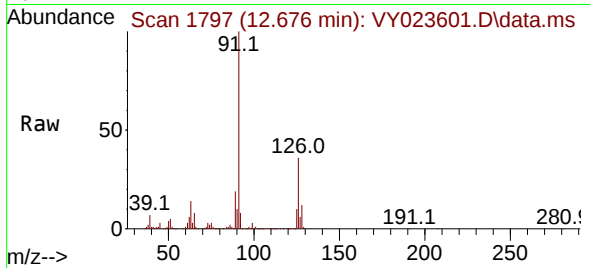
#79
2-Chlorotoluene
Concen: 23.034 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Tgt Ion: 91 Resp: 31972
Ion Ratio Lower Upper
91 100
126 36.8 18.5 55.5

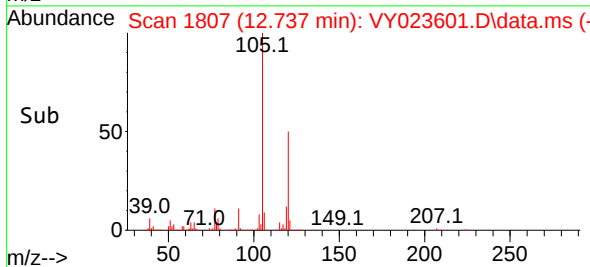
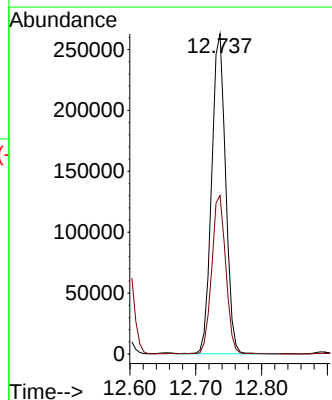
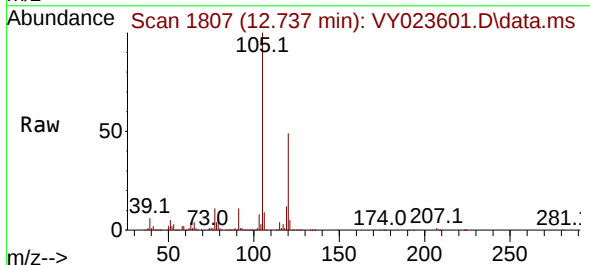
Manual Integrations
APPROVED

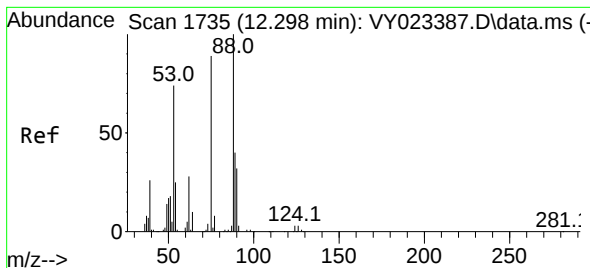
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 23.406 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

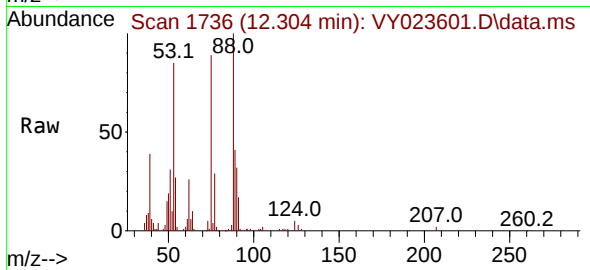
Tgt Ion:105 Resp: 387416
Ion Ratio Lower Upper
105 100
120 49.9 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.337 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

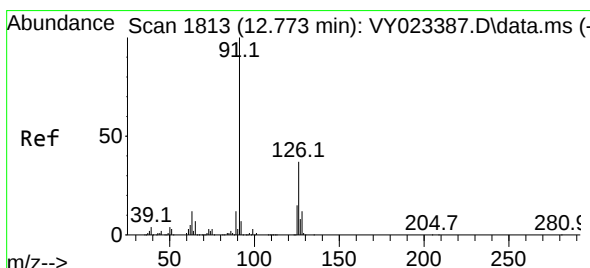
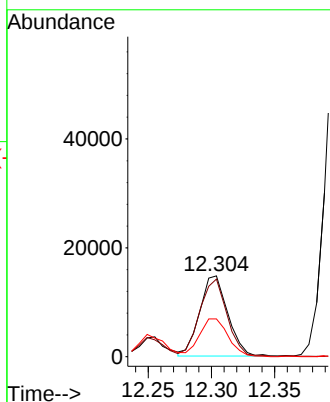
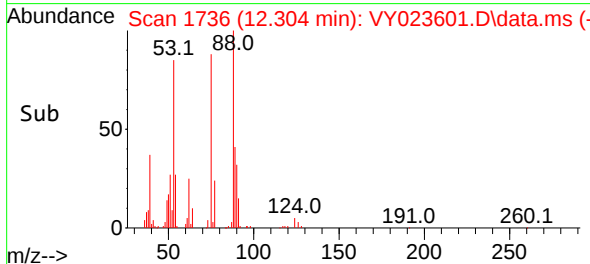
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



Tgt Ion: 75 Resp: 2274
Ion Ratio Lower Upper
75 100
53 95.1 68.6 102.8
89 47.8 39.0 58.4

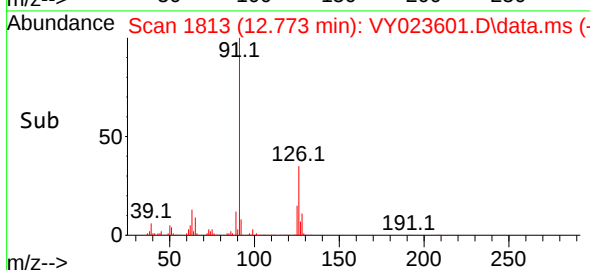
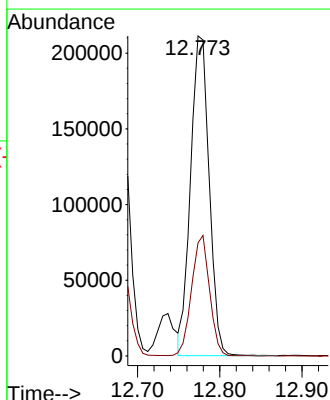
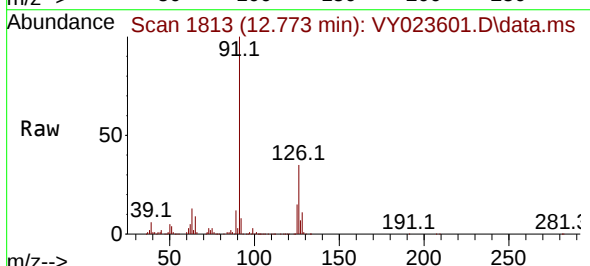
Manual Integrations
APPROVED

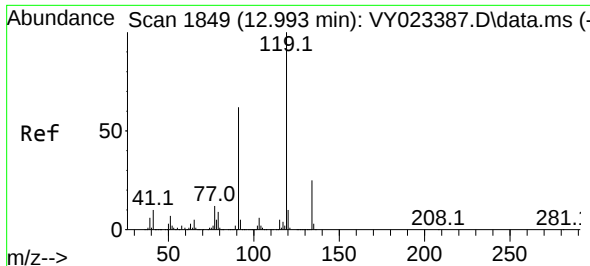
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#82
4-Chlorotoluene
Concen: 23.228 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

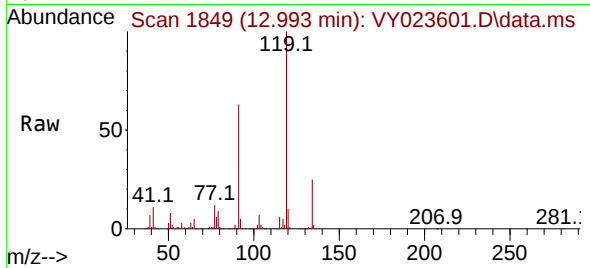
Tgt Ion: 91 Resp: 332052
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.4





#83
tert-Butylbenzene
Concen: 23.009 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

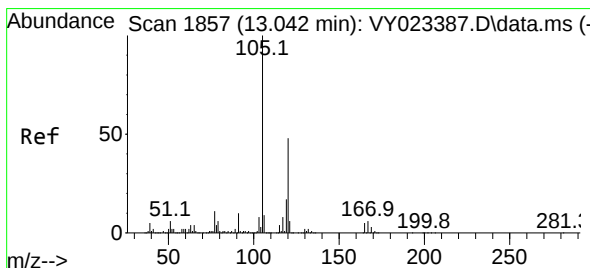
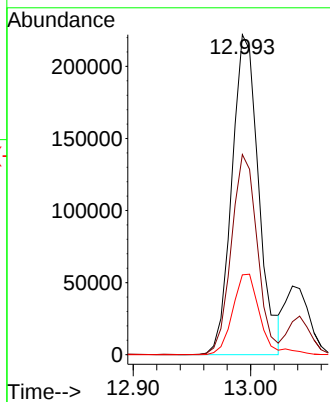
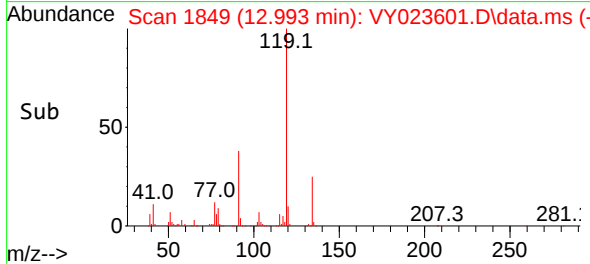
Instrument : MSVOA_Y
ClientSampleId : VY1028SBSD01



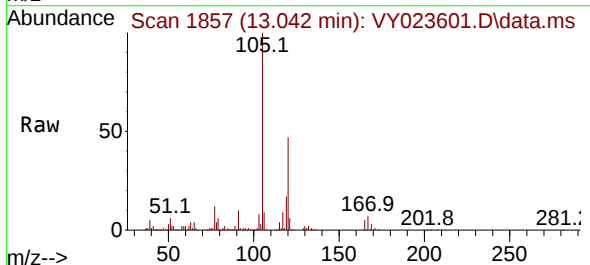
Tgt Ion:119 Resp: 351640
Ion Ratio Lower Upper
119 100
91 60.6 29.9 89.8
134 25.8 12.9 38.7

Manual Integrations
APPROVED

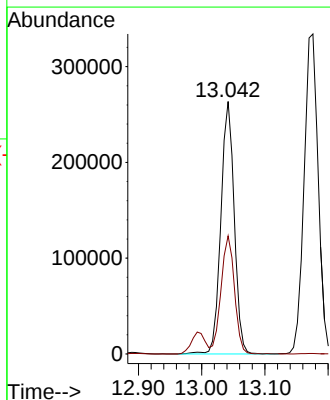
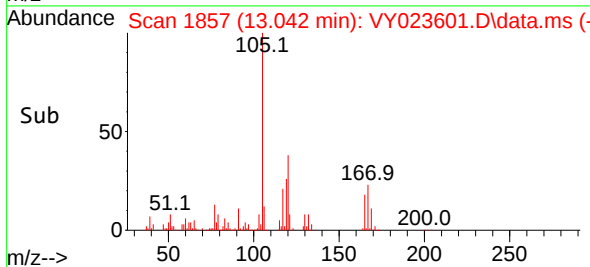
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

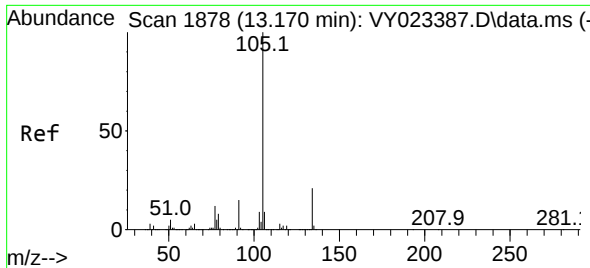


#84
1,2,4-Trimethylbenzene
Concen: 23.282 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



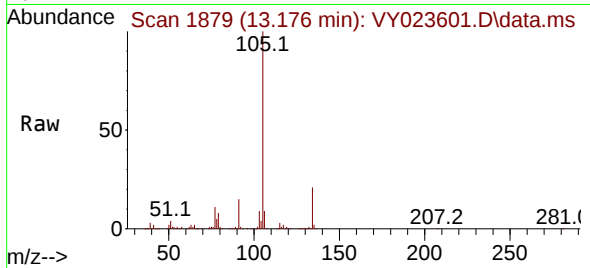
Tgt Ion:105 Resp: 384595
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 23.512 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023601.D
 Acq: 28 Oct 2025 10:24

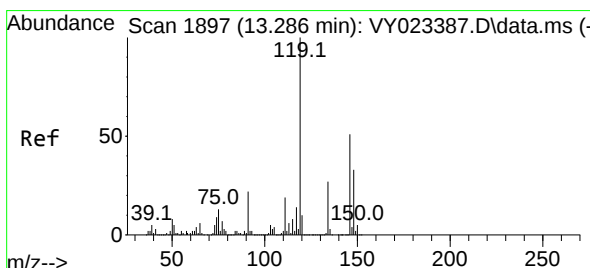
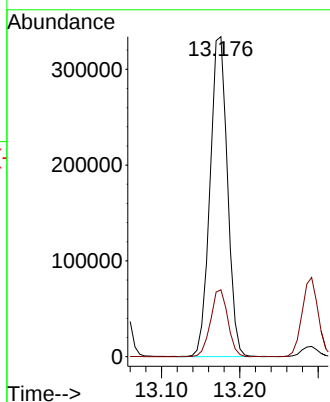
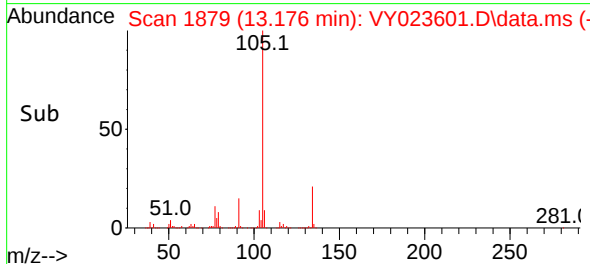
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBSD01



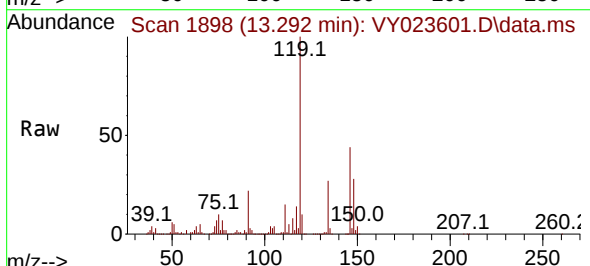
Tgt Ion:105 Resp: 515454
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.7 32.1

Manual Integrations
 APPROVED

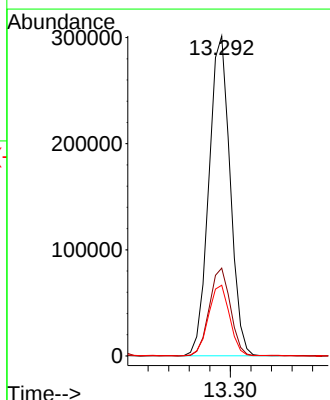
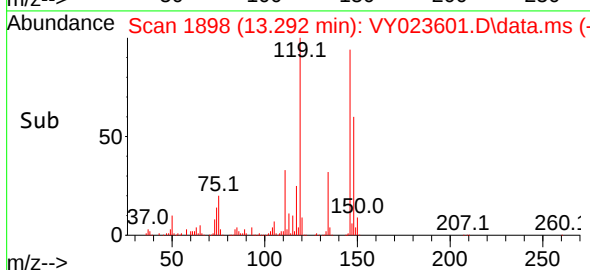
Reviewed By :Amit Patel 10/29/2025
 Supervised By :Mahesh Dadoda 10/29/2025



#86
 p-Isopropyltoluene
 Concen: 23.082 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023601.D
 Acq: 28 Oct 2025 10:24



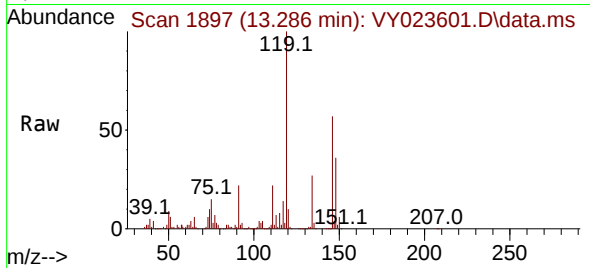
Tgt Ion:119 Resp: 430842
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.6 40.7
 91 22.1 10.9 32.9





#87
1,3-Dichlorobenzene
Concen: 22.873 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

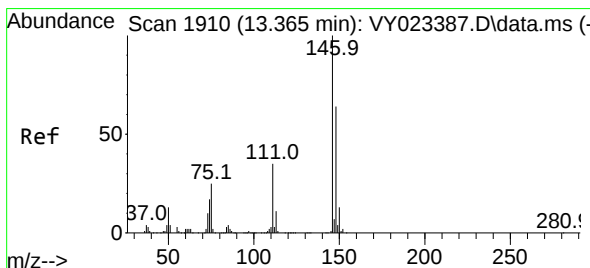
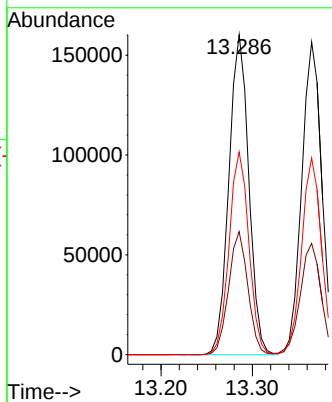
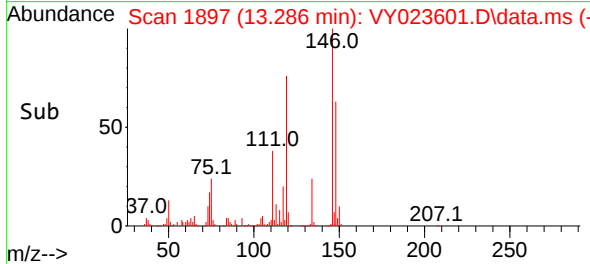
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01



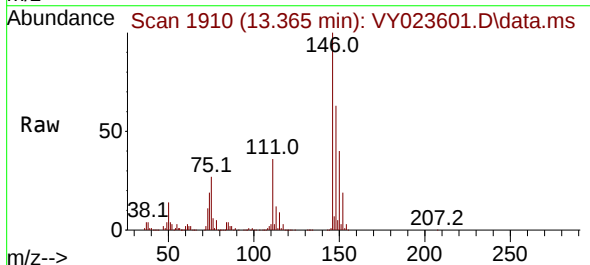
Tgt Ion:146 Resp: 242552
Ion Ratio Lower Upper
146 100
111 37.4 18.7 56.1
148 63.0 31.9 95.9

Manual Integrations
APPROVED

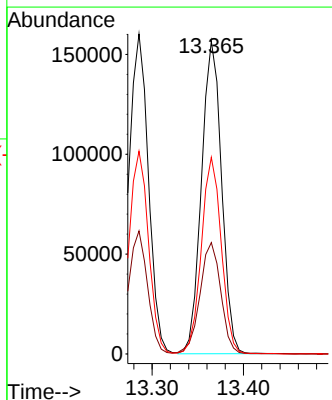
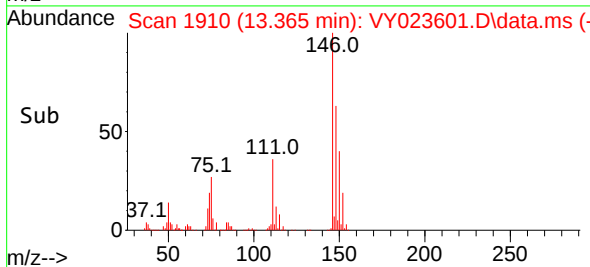
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

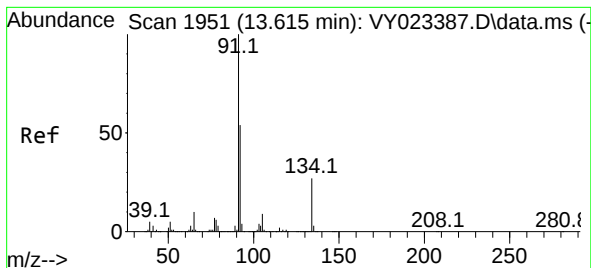


#88
1,4-Dichlorobenzene
Concen: 22.824 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



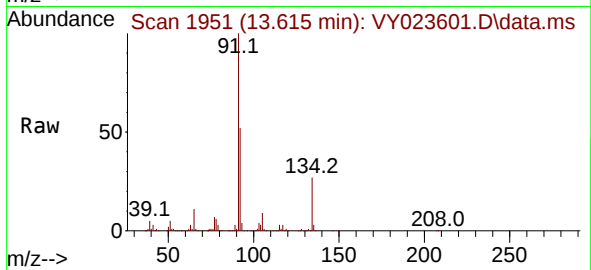
Tgt Ion:146 Resp: 239032
Ion Ratio Lower Upper
146 100
111 36.8 18.0 54.0
148 62.3 31.9 95.7





#89
n-Butylbenzene
Concen: 22.629 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

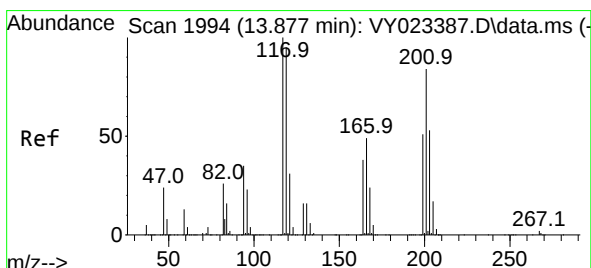
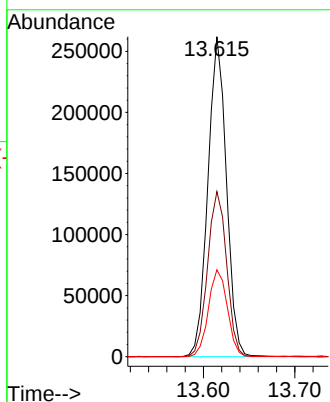
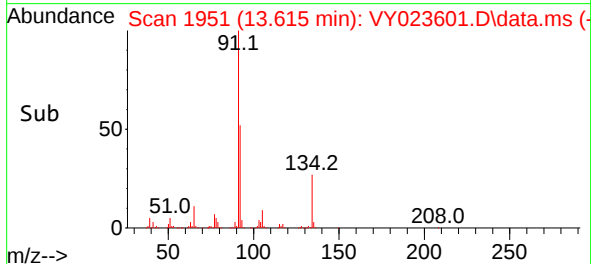
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



Tgt Ion: 91 Resp: 36803
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.9 14.1 42.2

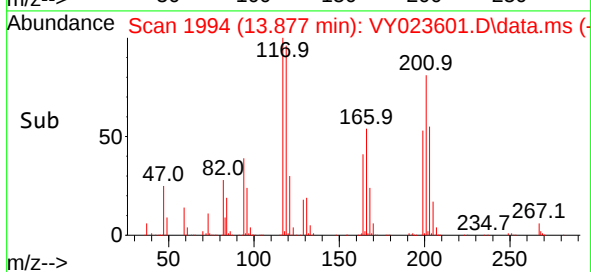
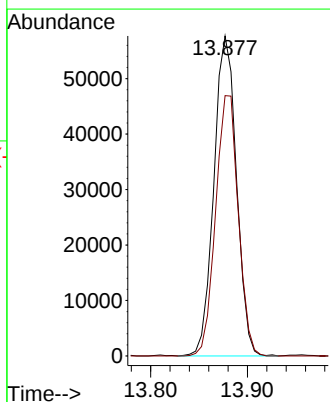
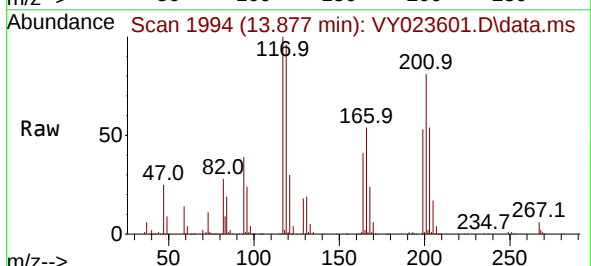
Manual Integrations
APPROVED

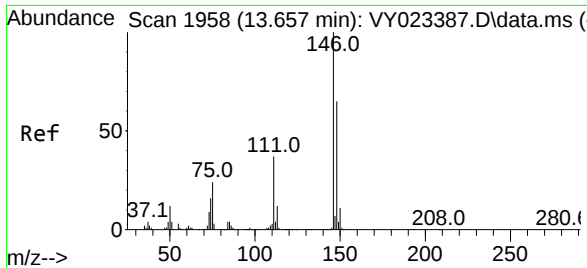
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#90
Hexachloroethane
Concen: 23.293 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

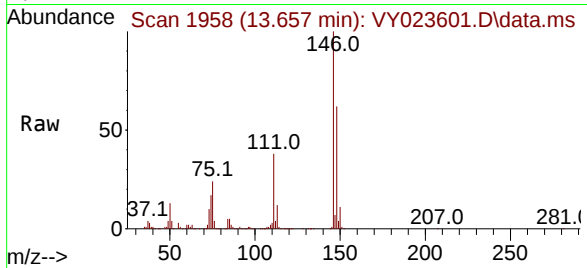
Tgt Ion:117 Resp: 93510
Ion Ratio Lower Upper
117 100
201 81.6 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 22.565 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24

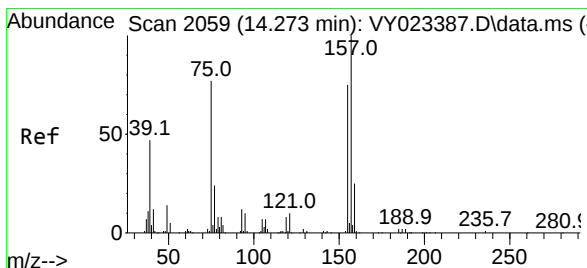
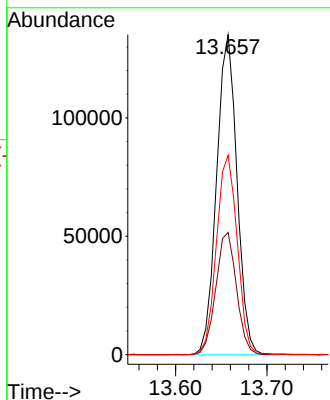
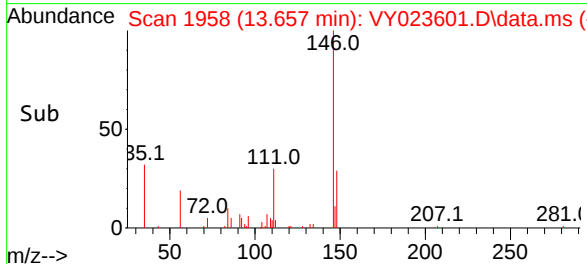
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01



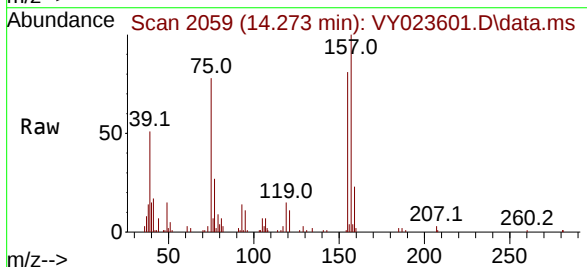
Tgt Ion:146 Resp: 209784
Ion Ratio Lower Upper
146 100
111 38.7 19.0 57.0
148 63.6 32.1 96.3

Manual Integrations
APPROVED

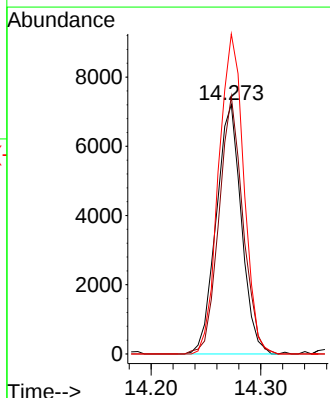
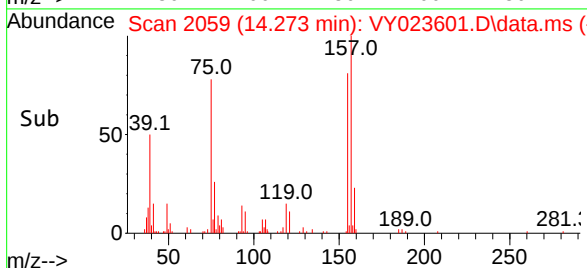
Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.882 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023601.D
Acq: 28 Oct 2025 10:24



Tgt Ion: 75 Resp: 11479
Ion Ratio Lower Upper
75 100
155 98.0 50.0 150.0
157 127.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 21.119 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023601.D

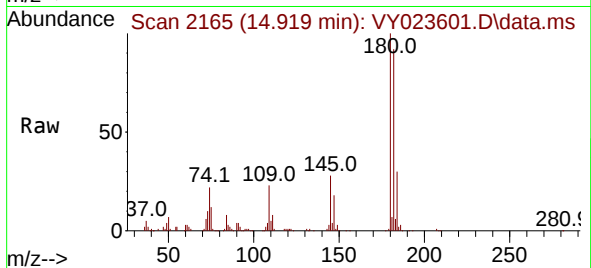
Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01



Tgt Ion:180 Resp: 122400

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

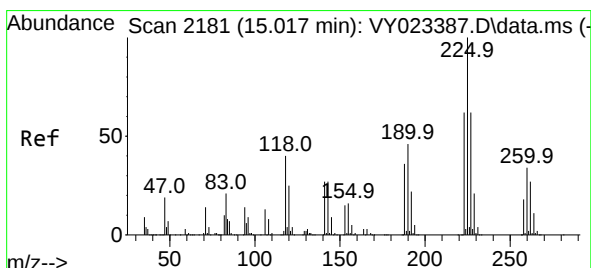
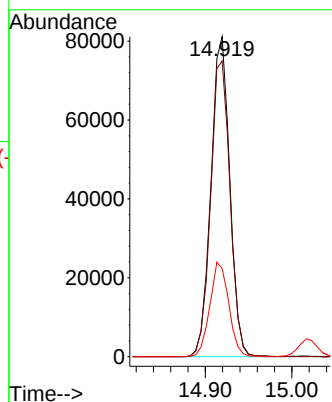
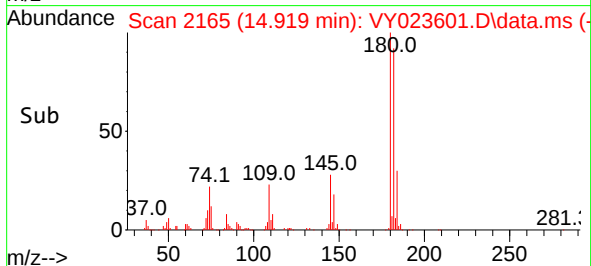
145 29.7 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#94

Hexachlorobutadiene

Concen: 22.766 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24

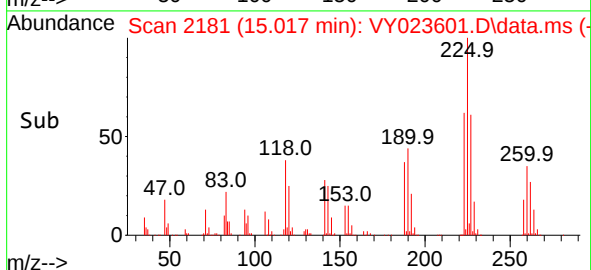
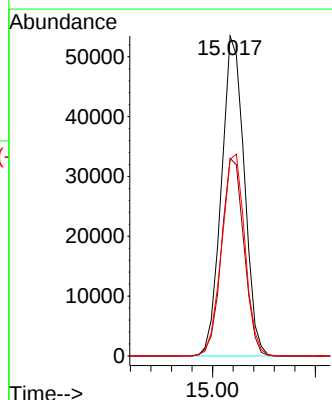
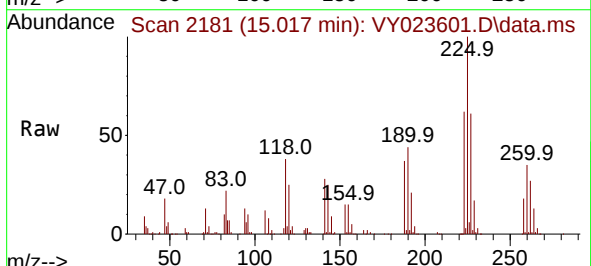
Tgt Ion:225 Resp: 82250

Ion Ratio Lower Upper

225 100

223 61.2 30.8 92.3

227 64.2 31.9 95.7





#95

Naphthalene

Concen: 19.397 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023601.D

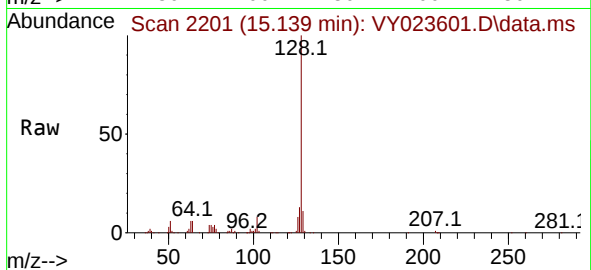
Acq: 28 Oct 2025 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBS01



Tgt Ion:128 Resp: 179020

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

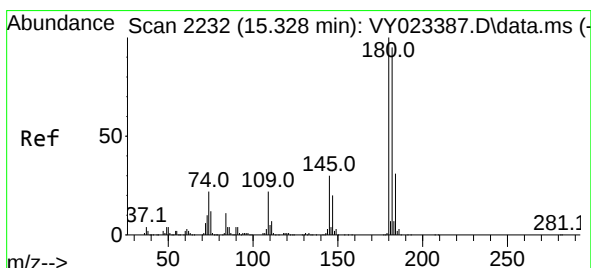
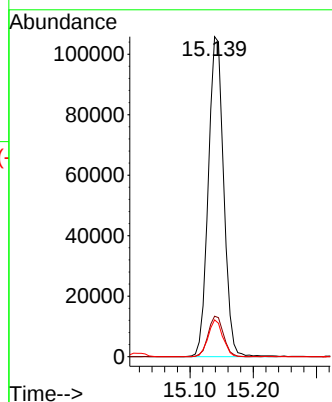
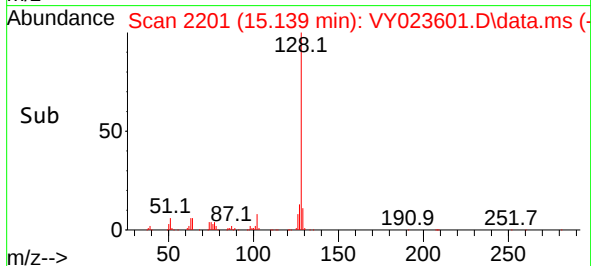
129 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/29/2025

Supervised By :Mahesh Dadoda 10/29/2025



#96

1,2,3-Trichlorobenzene

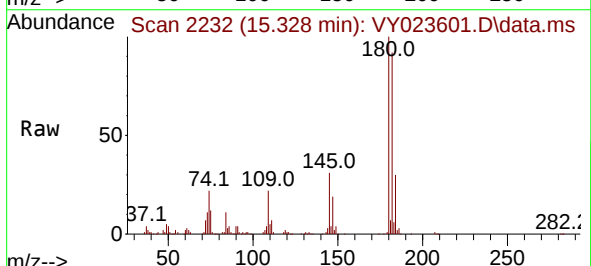
Concen: 20.960 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023601.D

Acq: 28 Oct 2025 10:24



Tgt Ion:180 Resp: 105226

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 30.5 15.3 45.9

