

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
 Data File : VY023613.D
 Acq On : 29 Oct 2025 10:14
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 03:13:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	459930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	674240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	591225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	314944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183665	47.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.500%		
35) Dibromofluoromethane	7.634	113	210087	50.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.420%		
50) Toluene-d8	10.109	98	781749	50.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.340%		
62) 4-Bromofluorobenzene	12.402	95	254685	50.000	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69017	20.848	ug/l	98
3) Chloromethane	2.074	50	92015	20.403	ug/l	96
4) Vinyl Chloride	2.208	62	122211	20.805	ug/l	100
5) Bromomethane	2.598	94	106946	21.696	ug/l	95
6) Chloroethane	2.739	64	87157	21.767	ug/l	97
7) Trichlorofluoromethane	3.056	101	175081	21.467	ug/l	99
8) Diethyl Ether	3.458	74	42136	19.771	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	96474	22.795	ug/l	99
10) Methyl Iodide	4.007	142	96092	20.395	ug/l	99
11) Tert butyl alcohol	4.860	59	28999	101.352	ug/l #	93
12) 1,1-Dichloroethene	3.793	96	88436	21.556	ug/l	93
13) Acrolein	3.653	56	16795	41.542	ug/l	95
14) Allyl chloride	4.385	41	106402	21.280	ug/l	99
15) Acrylonitrile	5.061	53	80102	98.214	ug/l	98
16) Acetone	3.867	43	122264	133.533	ug/l	93
17) Carbon Disulfide	4.110	76	245079	20.871	ug/l	99
18) Methyl Acetate	4.391	43	41086	17.106	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	196113	19.889	ug/l	95
20) Methylene Chloride	4.622	84	100970	20.394	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	99460	22.019	ug/l	98
22) Diisopropyl ether	6.019	45	248766	22.493	ug/l	97
23) Vinyl Acetate	5.964	43	614929	102.720	ug/l	99
24) 1,1-Dichloroethane	5.915	63	166746	22.760	ug/l	96
25) 2-Butanone	6.896	43	126853	113.483	ug/l	92
26) 2,2-Dichloropropane	6.884	77	155241	23.093	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	117045	22.433	ug/l	97
28) Bromochloromethane	7.244	49	60462	22.107	ug/l	95
29) Tetrahydrofuran	7.262	42	57078	90.045	ug/l	97
30) Chloroform	7.421	83	183120	22.750	ug/l	97
31) Cyclohexane	7.707	56	136383	21.317	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	167845	22.946	ug/l	99
36) 1,1-Dichloropropene	7.835	75	124315	22.666	ug/l	99
37) Ethyl Acetate	6.988	43	43019	19.798	ug/l	98
38) Carbon Tetrachloride	7.817	117	154385	23.214	ug/l	97
39) Methylcyclohexane	9.110	83	152231	21.317	ug/l	97
40) Benzene	8.079	78	402878	23.194	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22655	19.278	ug/l	96
42) 1,2-Dichloroethane	8.158	62	98621	22.015	ug/l	99
43) Isopropyl Acetate	8.201	43	84194	19.432	ug/l	97
44) Trichloroethene	8.866	130	112682	22.164	ug/l	96
45) 1,2-Dichloropropane	9.140	63	87824	22.891	ug/l	97
46) Dibromomethane	9.231	93	52372	21.588	ug/l	97
47) Bromodichloromethane	9.420	83	137980	22.583	ug/l	100
48) Methyl methacrylate	9.219	41	37795	18.568	ug/l	95
49) 1,4-Dioxane	9.231	88	10224	363.490	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	213958	95.576	ug/l	99
52) Toluene	10.170	92	257176	22.804	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	111917	21.066	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	137234	21.887	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	70673	21.663	ug/l	97
56) Ethyl methacrylate	10.439	69	71345	18.959	ug/l	98
57) 1,3-Dichloropropane	10.719	76	110314	21.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	157764	93.585	ug/l	99
59) 2-Hexanone	10.762	43	172181	107.625	ug/l	98
60) Dibromochloromethane	10.914	129	97629	21.345	ug/l	99
61) 1,2-Dibromoethane	11.018	107	63719	20.480	ug/l	99
64) Tetrachloroethene	10.646	164	136641	22.383	ug/l	98
65) Chlorobenzene	11.444	112	286554	22.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	102771	22.428	ug/l	99
67) Ethyl Benzene	11.518	91	465590	22.368	ug/l	99
68) m/p-Xylenes	11.627	106	377839	45.257	ug/l	99
69) o-Xylene	11.957	106	172316	22.005	ug/l	99
70) Styrene	11.969	104	283148	21.988	ug/l	99
71) Bromoform	12.133	173	57270	20.149	ug/l #	99
73) Isopropylbenzene	12.255	105	451274	21.743	ug/l	100
74) N-amyl acetate	12.066	43	67006	17.974	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	66992	19.735	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	49938m	17.972	ug/l	
77) Bromobenzene	12.530	156	117156	21.232	ug/l	99
78) n-propylbenzene	12.597	91	544309	22.662	ug/l	100
79) 2-Chlorotoluene	12.676	91	312730	22.235	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	375294	22.377	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	21105	18.625	ug/l	96
82) 4-Chlorotoluene	12.773	91	321101	22.168	ug/l	100
83) tert-Butylbenzene	12.999	119	339207	21.905	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	375358	22.425	ug/l	98
85) sec-Butylbenzene	13.176	105	497613	22.401	ug/l	100
86) p-Isopropyltoluene	13.292	119	420248	22.220	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	231288	21.525	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	226318	21.326	ug/l	98
89) n-Butylbenzene	13.615	91	359468	21.813	ug/l	99
90) Hexachloroethane	13.877	117	89076	21.897	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	199385	21.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10124	18.176	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	113163	19.269	ug/l	100
94) Hexachlorobutadiene	15.023	225	80826	22.078	ug/l	99
95) Naphthalene	15.145	128	154097	16.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	94384	18.554	ug/l	98

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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

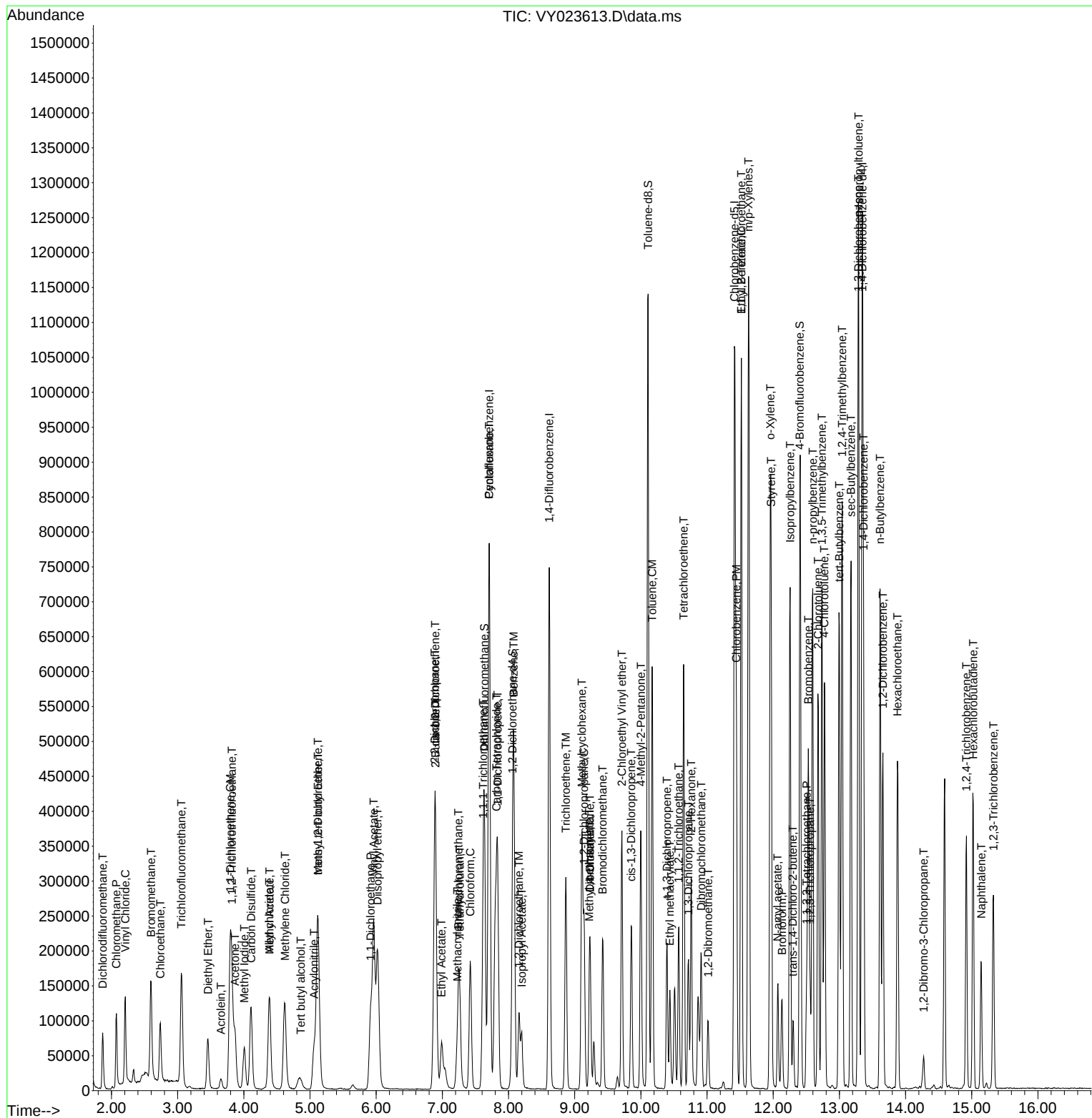
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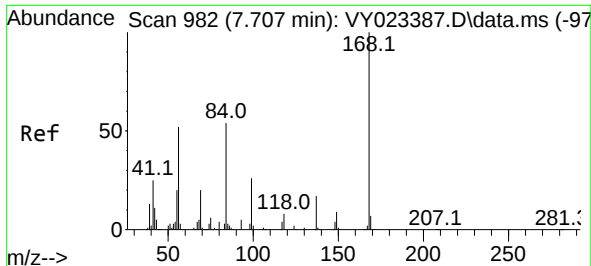
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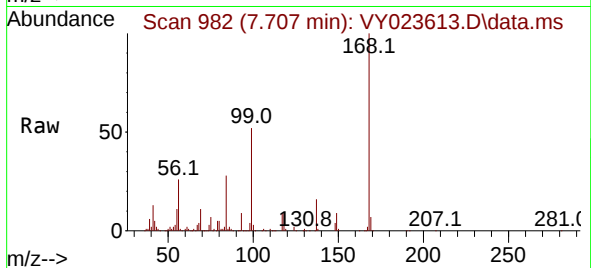
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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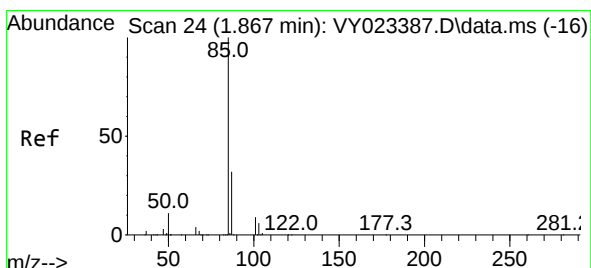
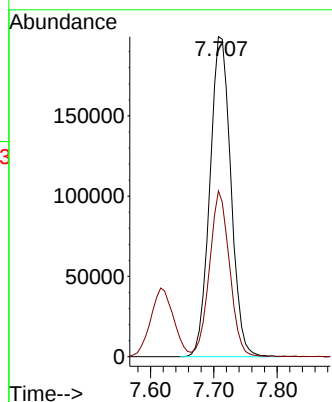
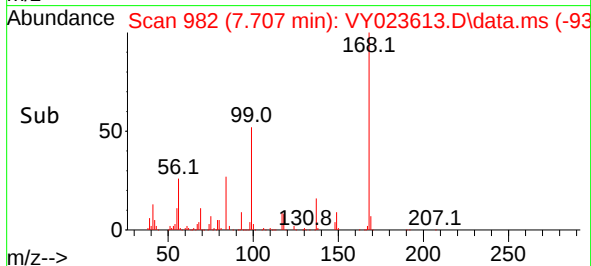
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Tgt Ion:168 Resp: 459930
Ion Ratio Lower Upper
168 100
99 51.8 39.7 59.5

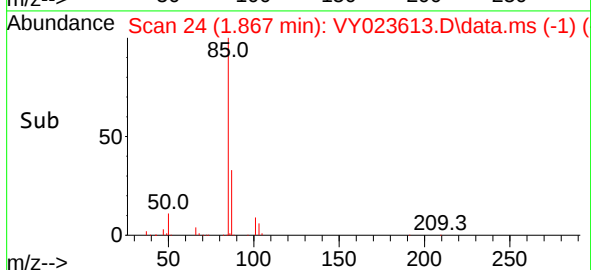
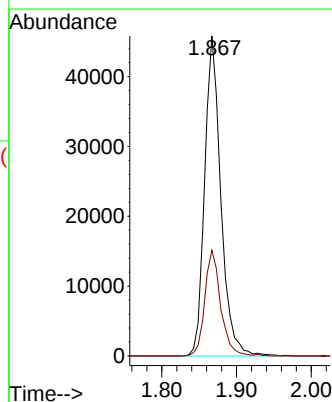
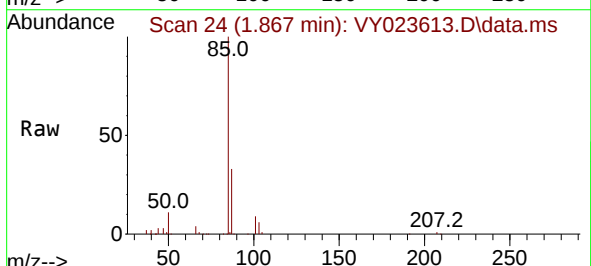
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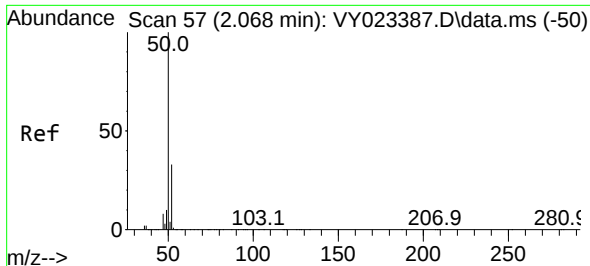
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#2
Dichlorodifluoromethane
Concen: 20.848 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion: 85 Resp: 69017
Ion Ratio Lower Upper
85 100
87 33.0 16.0 47.9





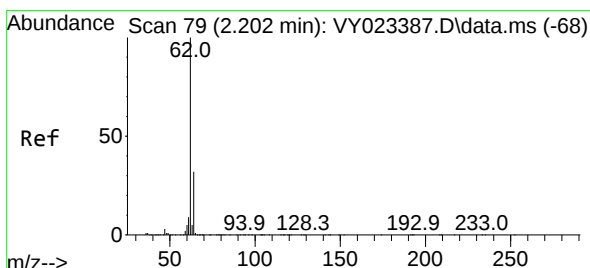
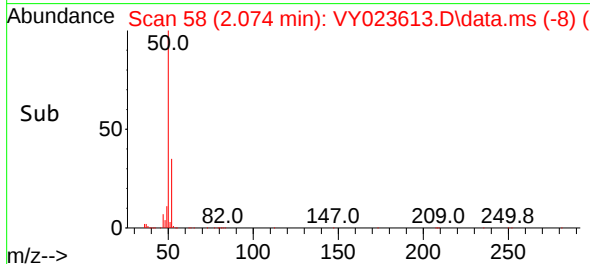
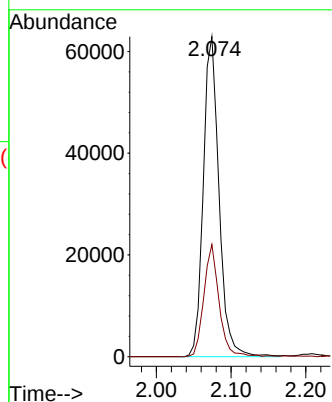
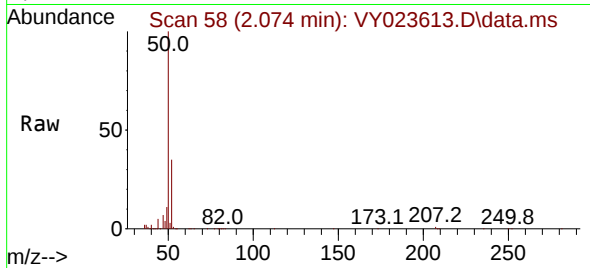
#3
Chloromethane
Concen: 20.403 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

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Tgt Ion: 50 Resp: 92015
Ion Ratio Lower Upper
50 100
52 35.1 26.2 39.2

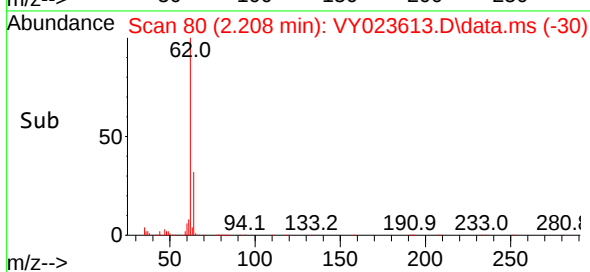
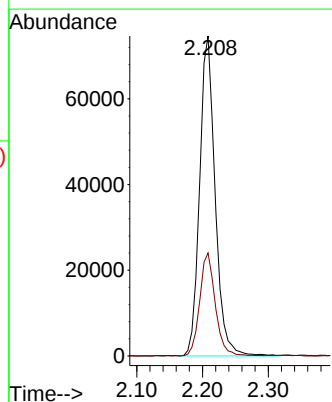
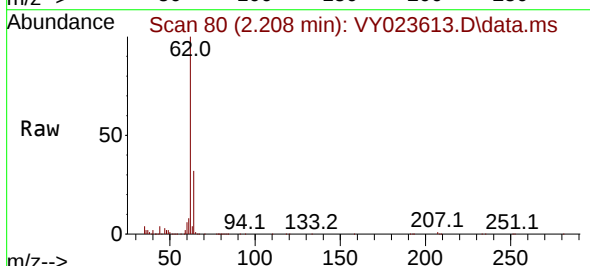
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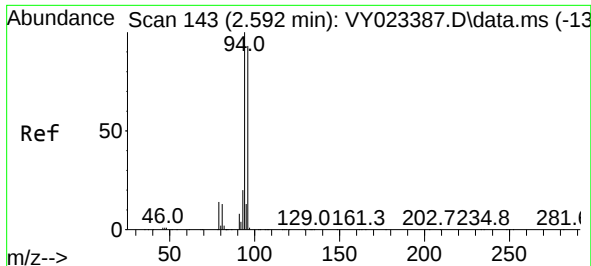
Reviewed By :Amit Patel 10/30/2025
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#4
Vinyl Chloride
Concen: 20.805 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

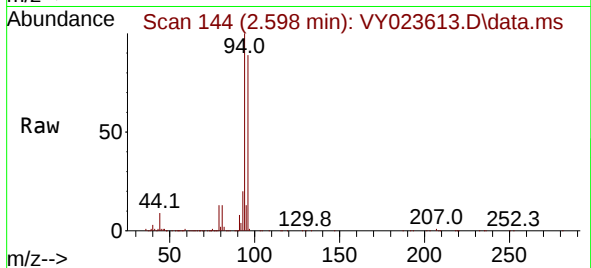
Tgt Ion: 62 Resp: 122211
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5
Bromomethane
Concen: 21.696 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

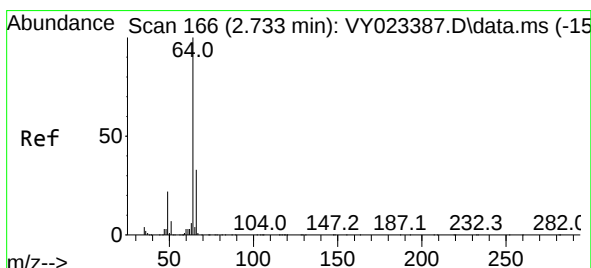
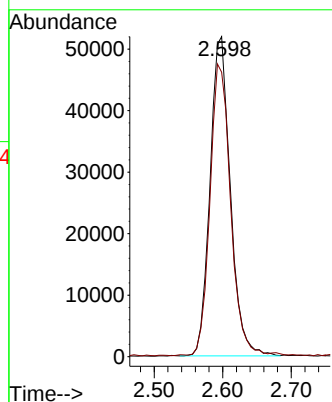
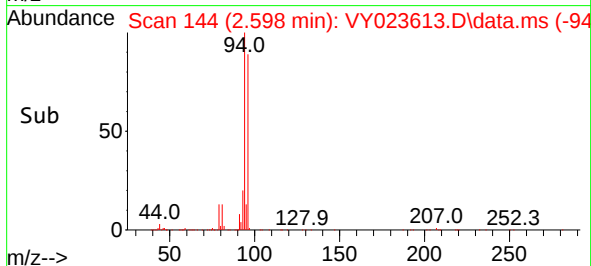
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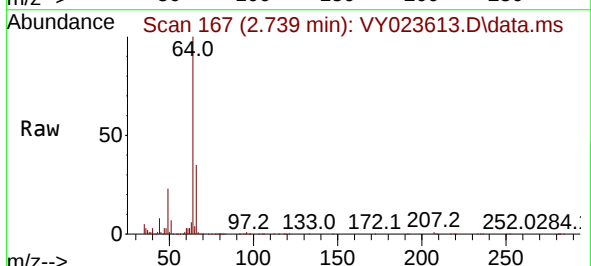
Tgt Ion: 94 Resp: 106940
Ion Ratio Lower Upper
94 100
96 88.5 74.5 111.7

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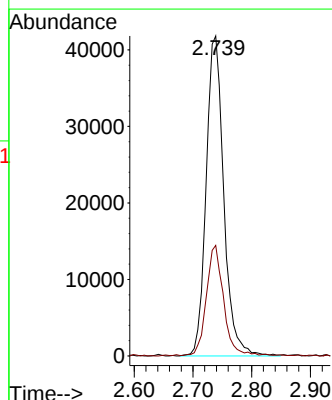
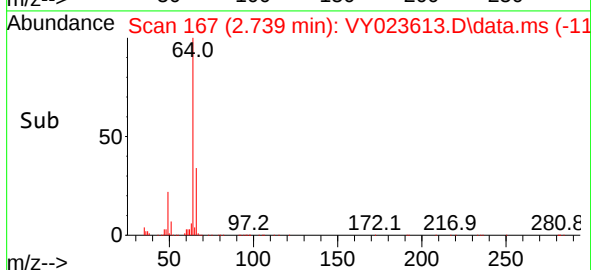
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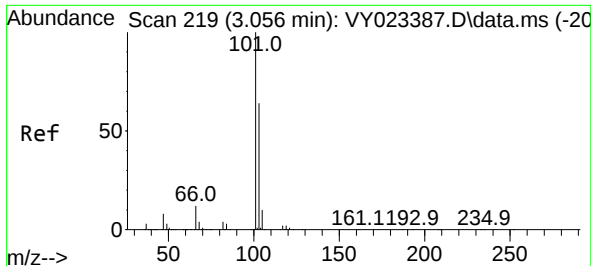


#6
Chloroethane
Concen: 21.767 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023613.D
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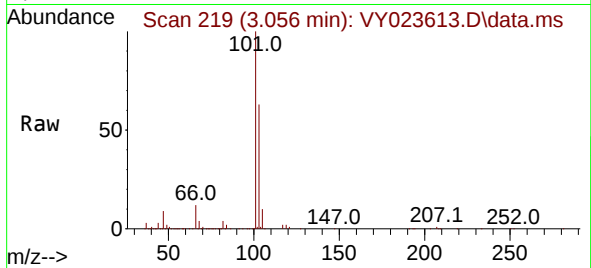
Tgt Ion: 64 Resp: 87157
Ion Ratio Lower Upper
64 100
66 34.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.467 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY023613.D
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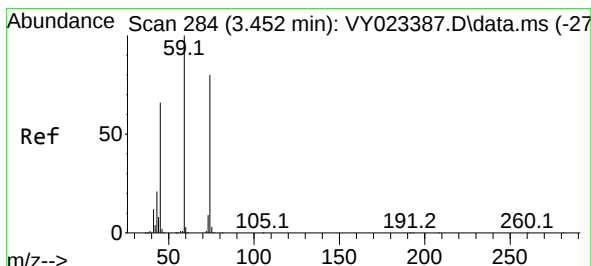
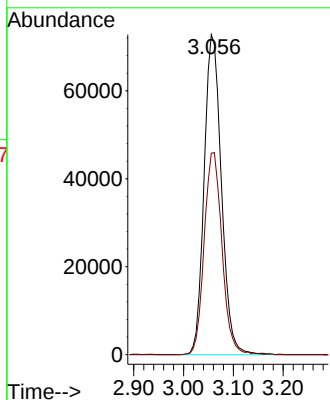
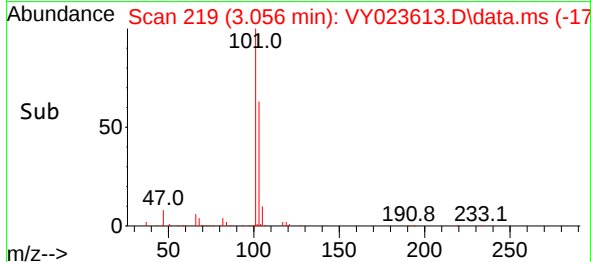
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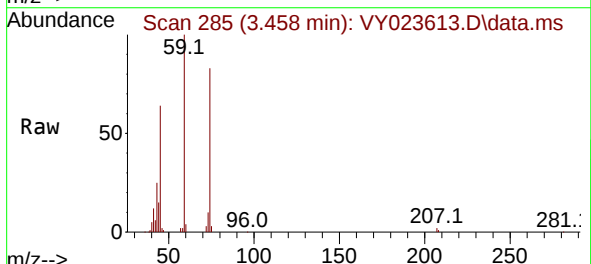
Tgt Ion:101 Resp: 17508
Ion Ratio Lower Upper
101 100
103 63.0 51.3 76.9

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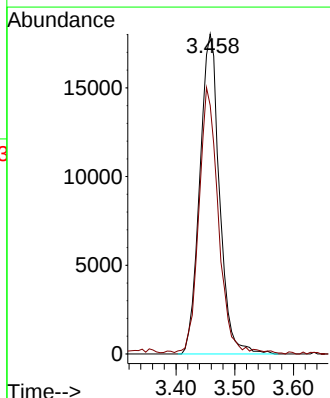
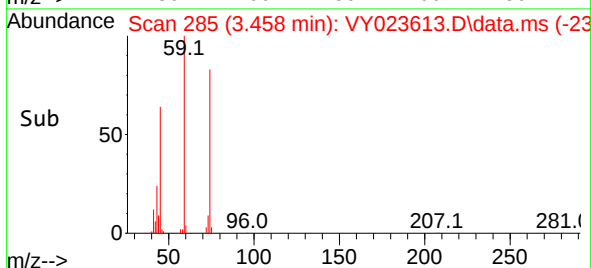
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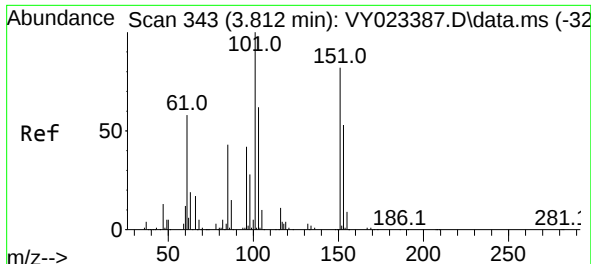


#8
Diethyl Ether
Concen: 19.771 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



Tgt Ion: 74 Resp: 42136
Ion Ratio Lower Upper
74 100
45 82.5 39.9 119.7





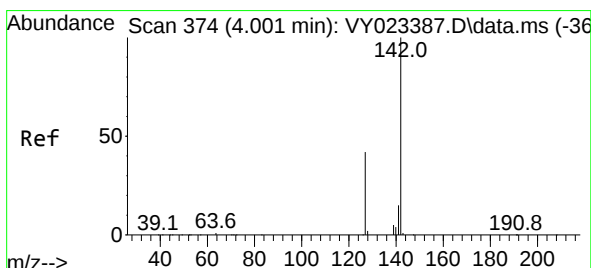
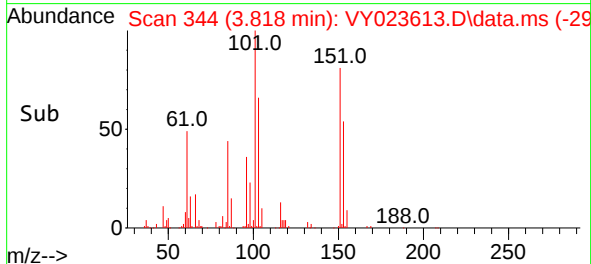
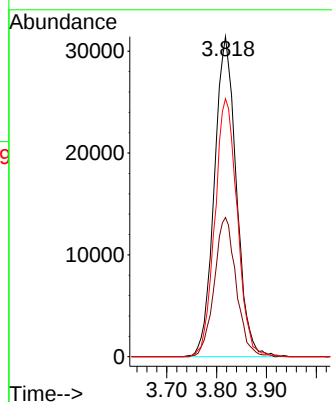
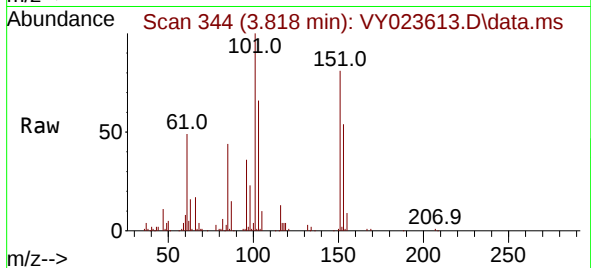
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.795 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tgt Ion:101 Resp: 96474
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 81.9 67.0 100.6

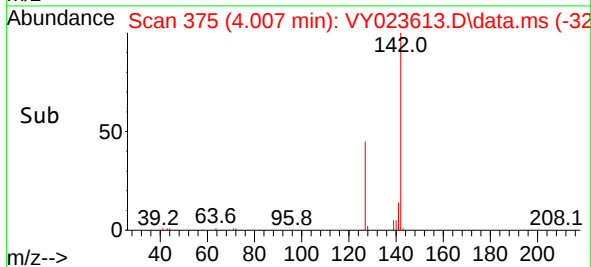
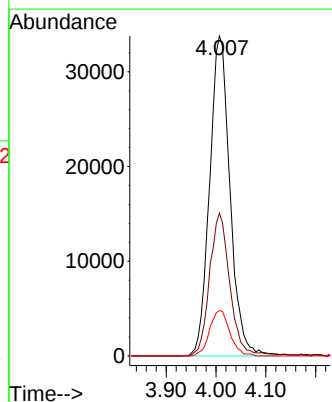
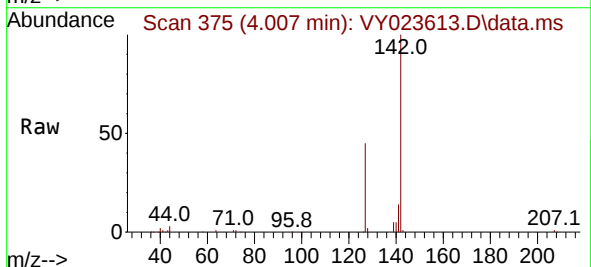
Manual Integrations
APPROVED

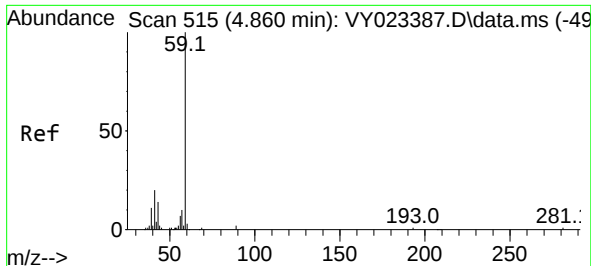
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 20.395 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

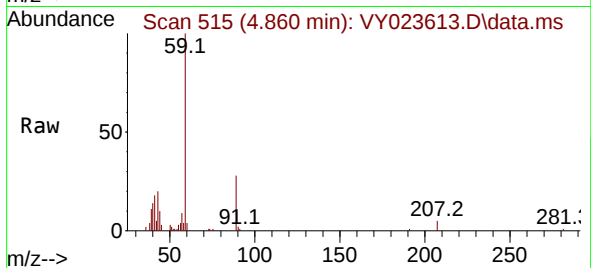
Tgt Ion:142 Resp: 96092
Ion Ratio Lower Upper
142 100
127 44.5 34.8 52.2
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 101.352 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

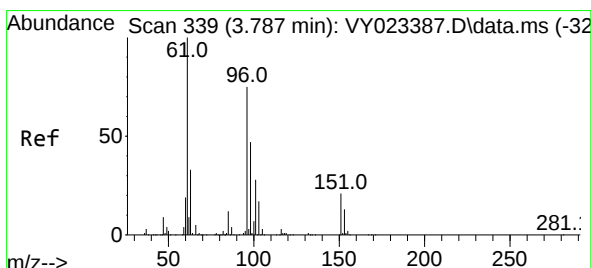
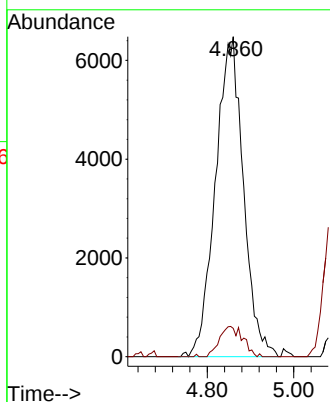
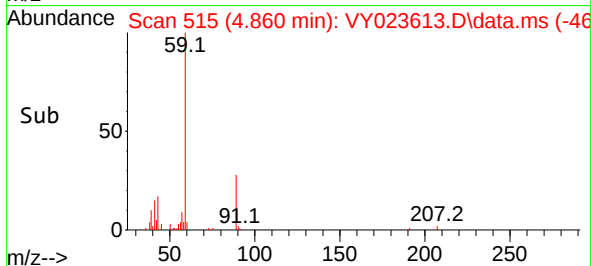
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



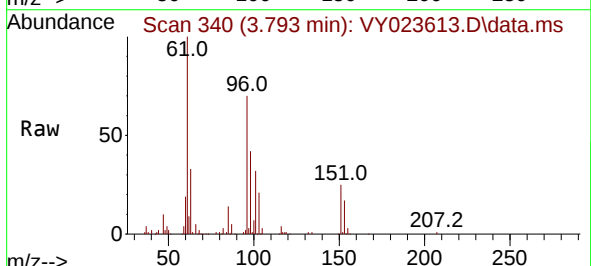
Tgt Ion: 59 Resp: 2899
Ion Ratio Lower Upper
59 100
57 7.9 8.3 12.5

Manual Integrations
APPROVED

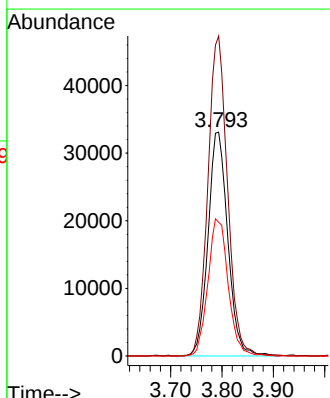
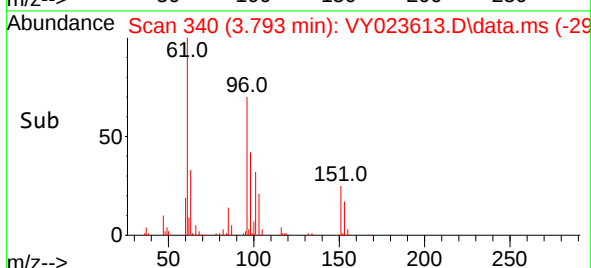
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

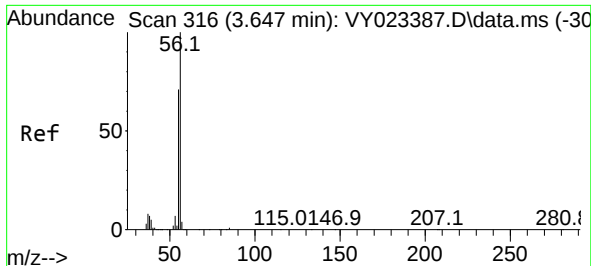


#12
1,1-Dichloroethene
Concen: 21.556 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



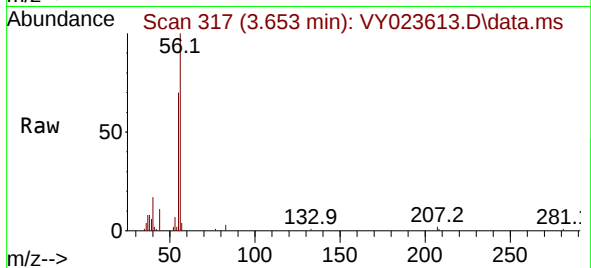
Tgt Ion: 96 Resp: 88436
Ion Ratio Lower Upper
96 100
61 142.9 106.7 160.1
98 59.7 50.2 75.4





#13
Acrolein
Concen: 41.542 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

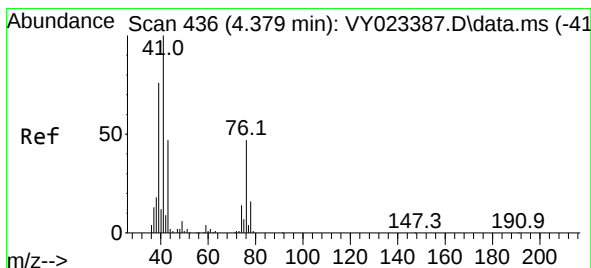
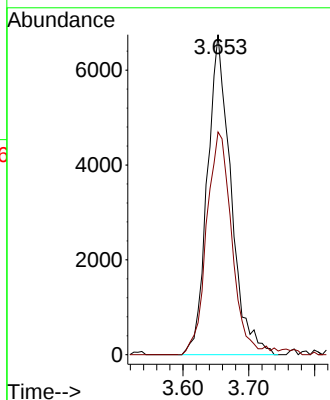
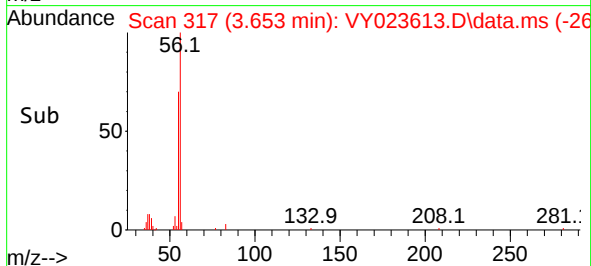
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



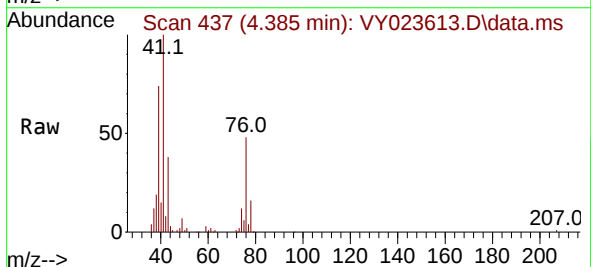
Tgt Ion: 56 Resp: 16795
Ion Ratio Lower Upper
56 100
55 74.0 56.1 84.1

Manual Integrations
APPROVED

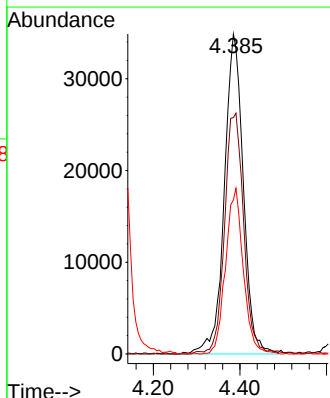
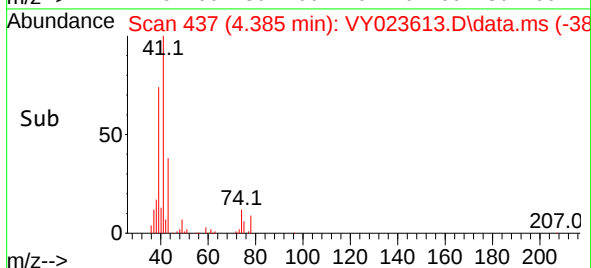
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

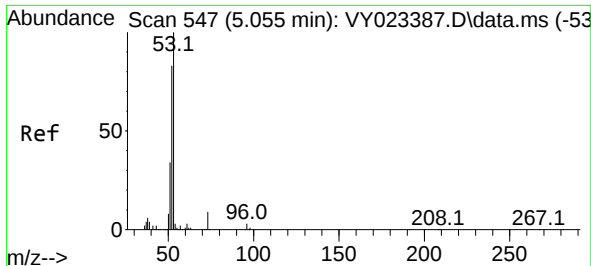


#14
Allyl chloride
Concen: 21.280 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



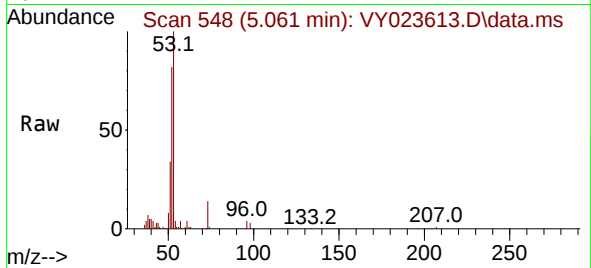
Tgt Ion: 41 Resp: 106402
Ion Ratio Lower Upper
41 100
39 75.5 59.9 89.9
76 48.3 38.0 57.0





#15
Acrylonitrile
Concen: 98.214 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

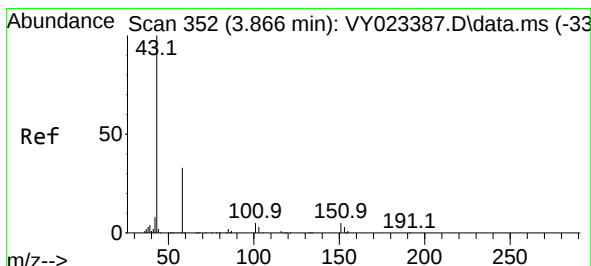
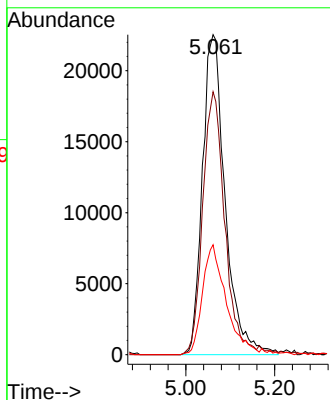
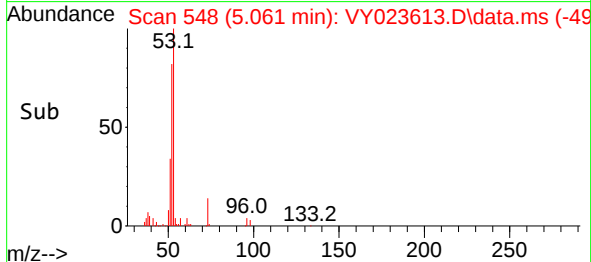
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 53 Resp: 80102
Ion Ratio Lower Upper
53 100
52 79.2 64.6 97.0
51 35.7 29.5 44.3

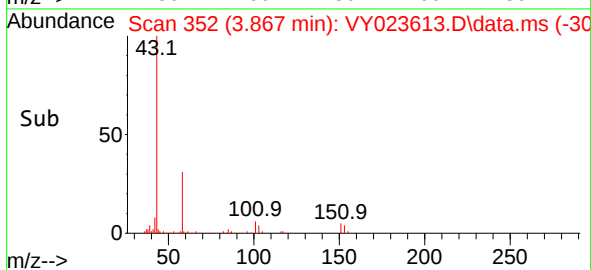
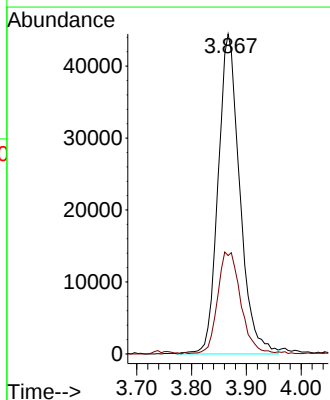
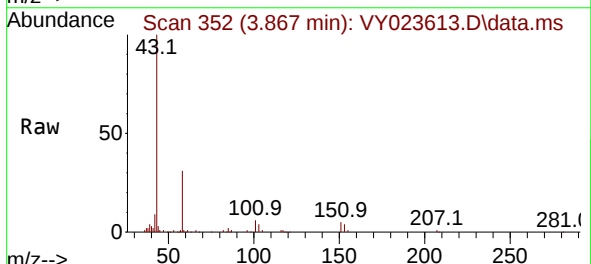
Manual Integrations
APPROVED

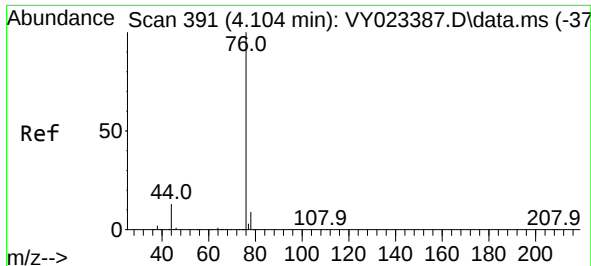
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Acetone
Concen: 133.533 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

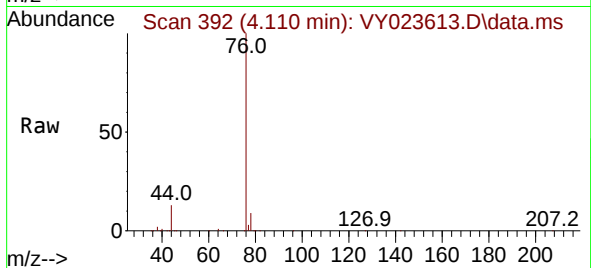
Tgt Ion: 43 Resp: 122264
Ion Ratio Lower Upper
43 100
58 30.4 27.7 41.5





#17
Carbon Disulfide
Concen: 20.871 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

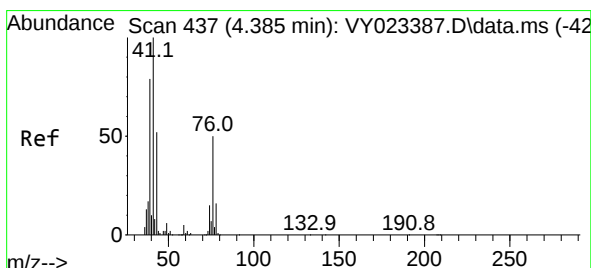
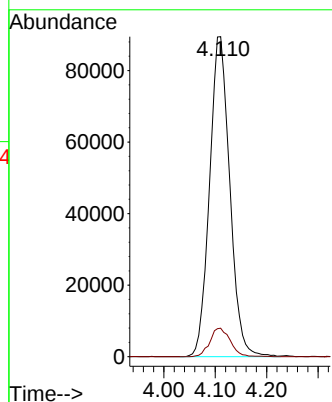
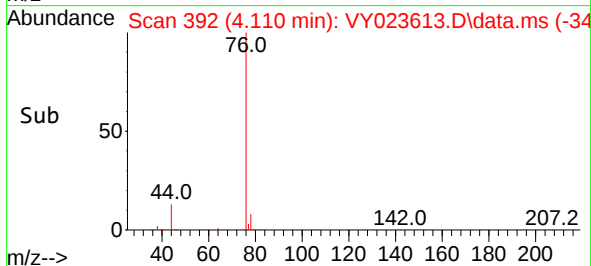
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 76 Resp: 245079
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

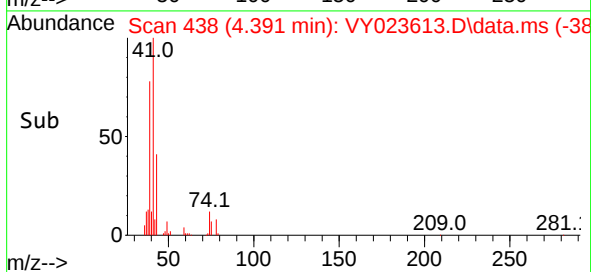
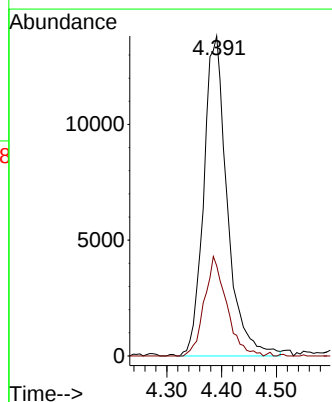
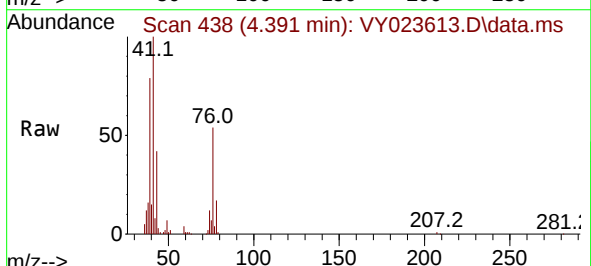
Manual Integrations
APPROVED

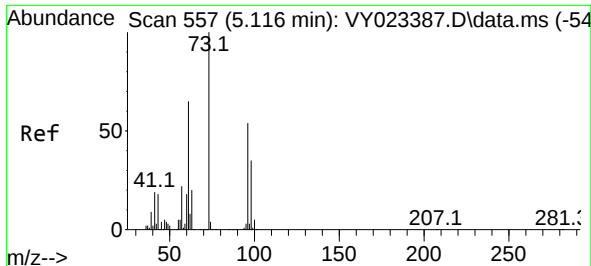
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#18
Methyl Acetate
Concen: 17.106 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

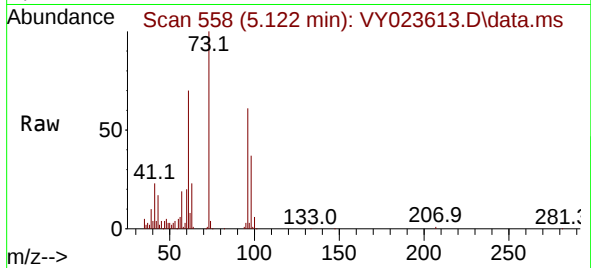
Tgt Ion: 43 Resp: 41086
Ion Ratio Lower Upper
43 100
74 29.6 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 19.889 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

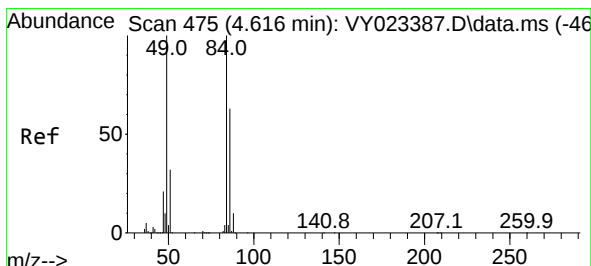
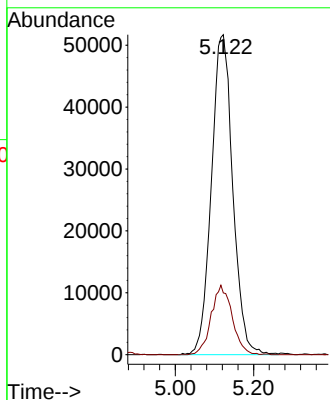
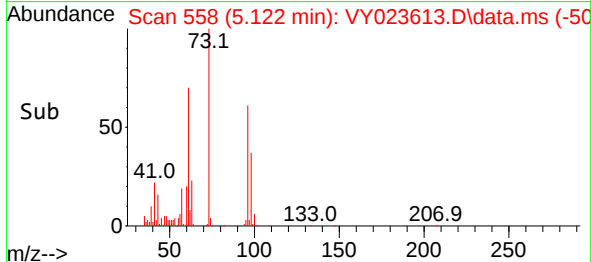
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 73 Resp: 19611
Ion Ratio Lower Upper
73 100
57 19.3 17.4 26.0

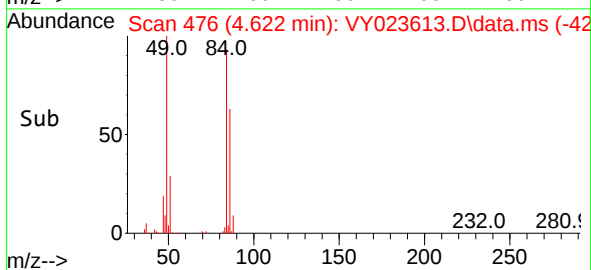
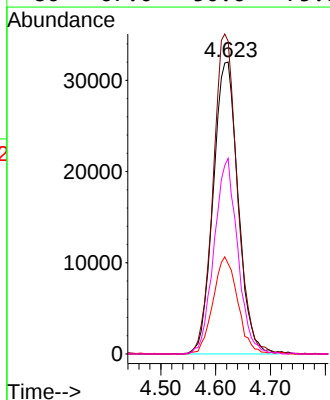
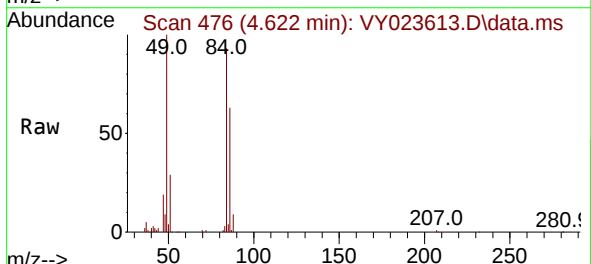
Manual Integrations
APPROVED

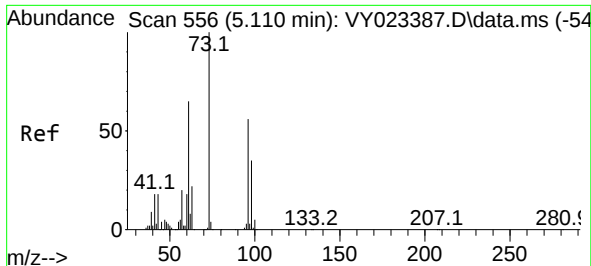
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 20.394 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

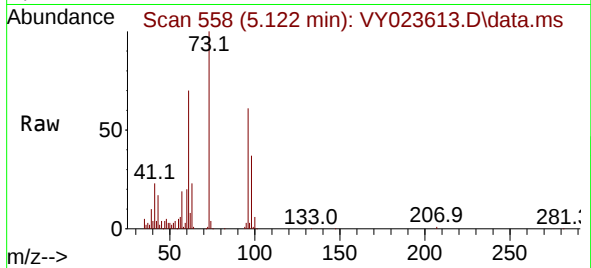
Tgt Ion: 84 Resp: 100970
Ion Ratio Lower Upper
84 100
49 107.1 80.2 120.4
51 30.9 25.9 38.9
86 67.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 22.019 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

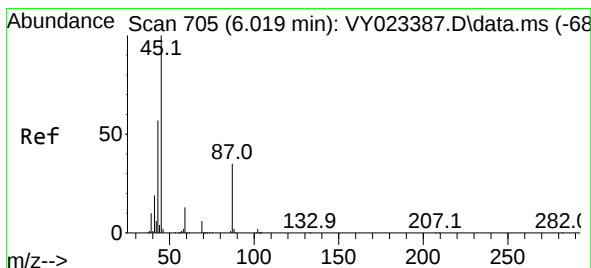
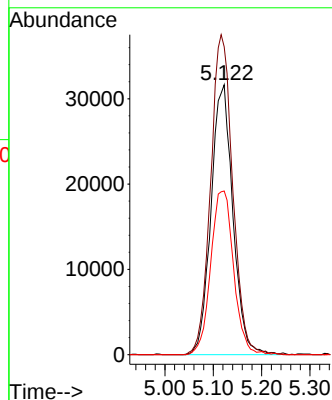
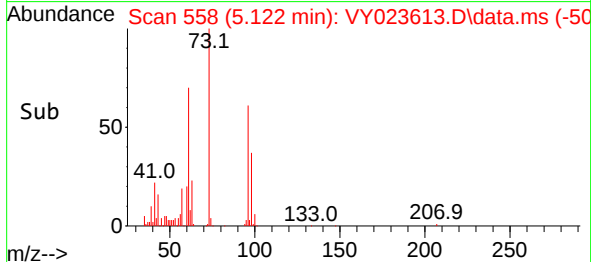
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



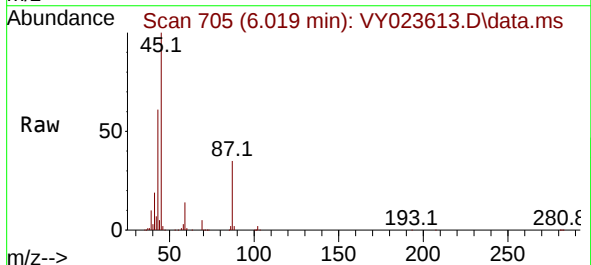
Tgt Ion: 96 Resp: 99460
Ion Ratio Lower Upper
96 100
61 114.1 92.7 139.1
98 60.7 49.7 74.5

Manual Integrations
APPROVED

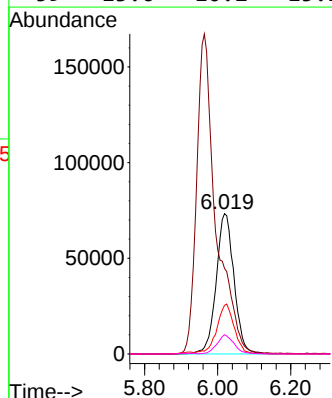
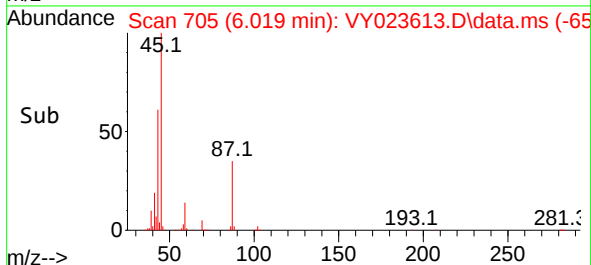
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

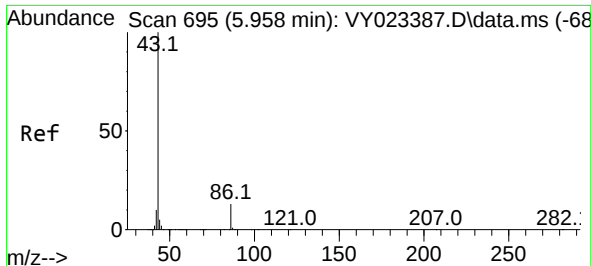


#22
Diisopropyl ether
Concen: 22.493 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



Tgt Ion: 45 Resp: 248766
Ion Ratio Lower Upper
45 100
43 60.6 45.6 68.4
87 34.5 28.1 42.1
59 13.6 10.2 15.2





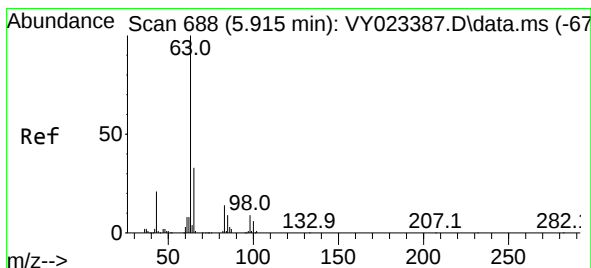
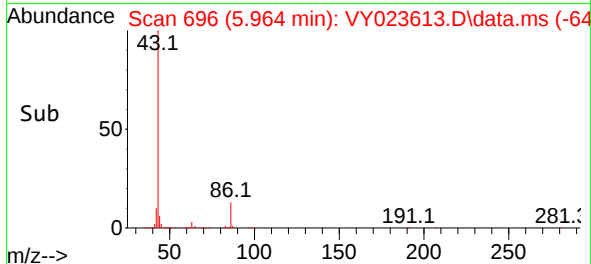
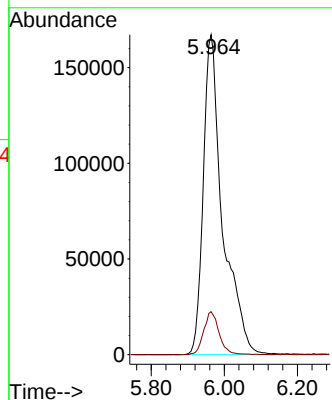
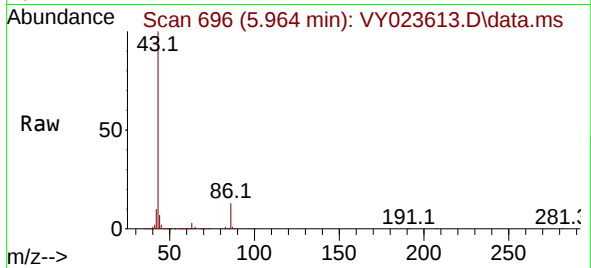
#23
 Vinyl Acetate
 Concen: 102.720 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Tgt Ion: 43 Resp: 614929
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 15.8

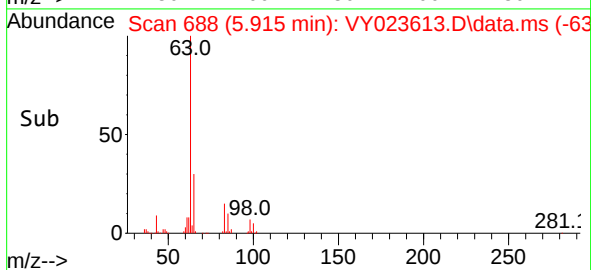
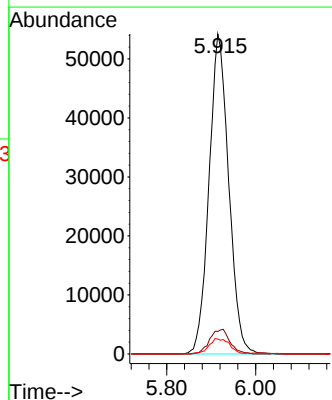
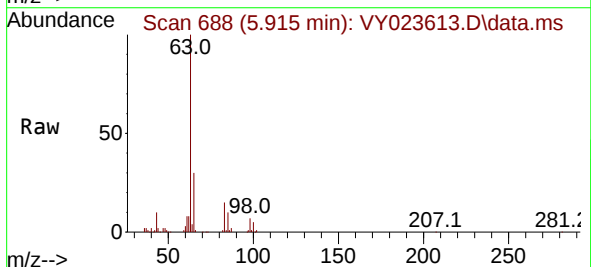
Manual Integrations
 APPROVED

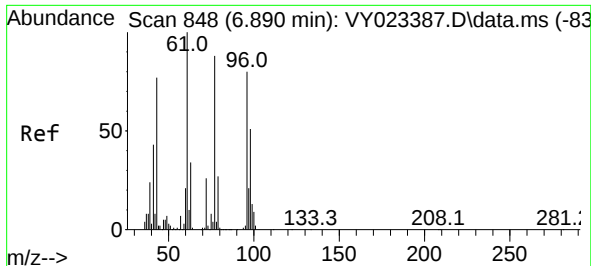
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#24
 1,1-Dichloroethane
 Concen: 22.760 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

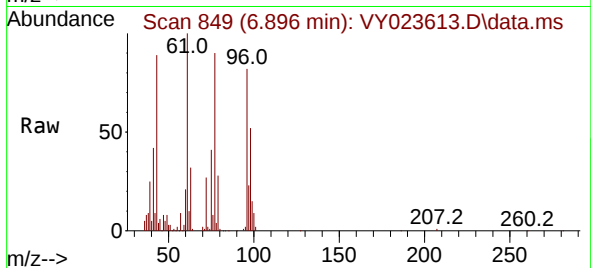
Tgt Ion: 63 Resp: 166746
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.3 13.1
 100 4.7 2.8 8.4





#25
2-Butanone
Concen: 113.483 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

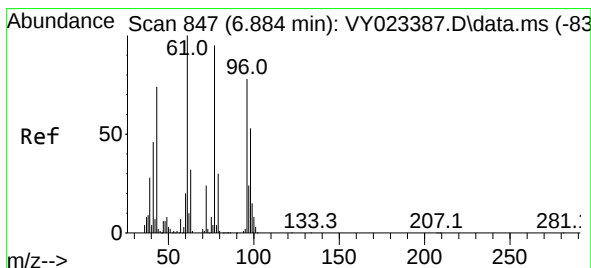
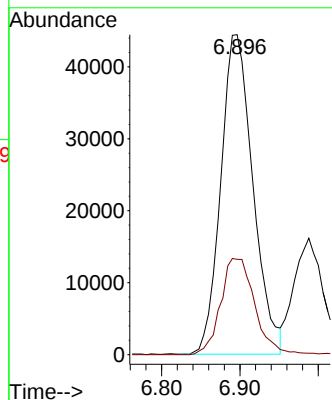
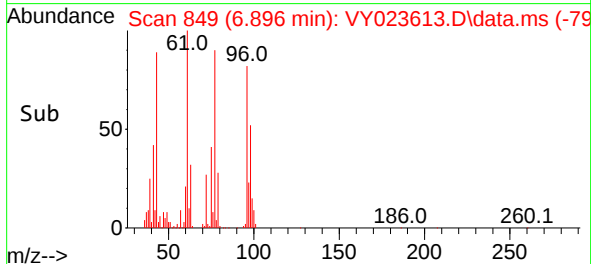
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



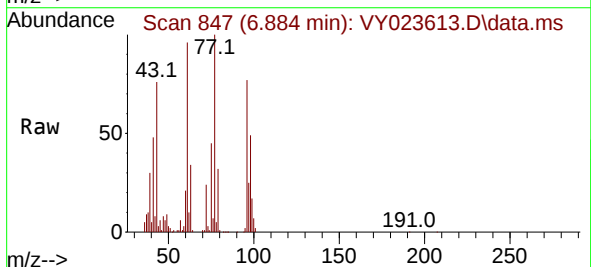
Tgt Ion: 43 Resp: 12685
Ion Ratio Lower Upper
43 100
72 29.8 27.4 41.2

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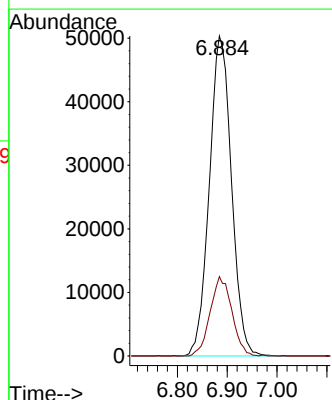
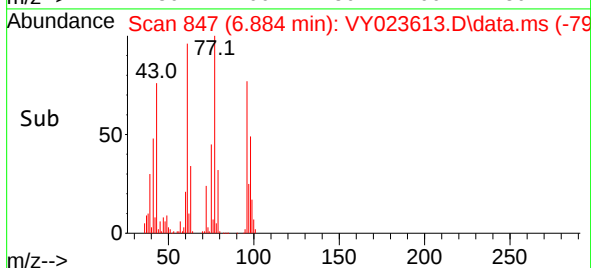
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

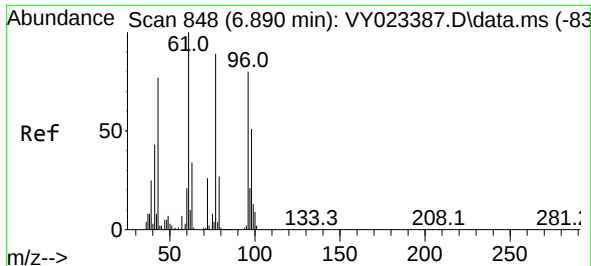


#26
2,2-Dichloropropane
Concen: 23.093 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



Tgt Ion: 77 Resp: 155241
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 22.433 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 96 Resp: 11704

Ion Ratio Lower Upper

96 100

61 126.2 0.0 258.2

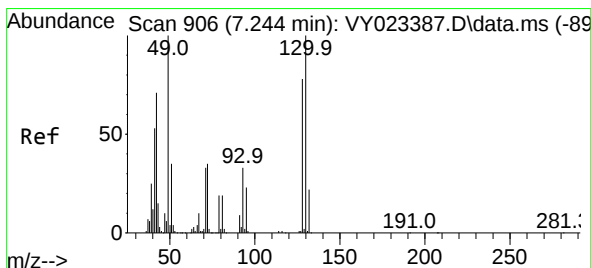
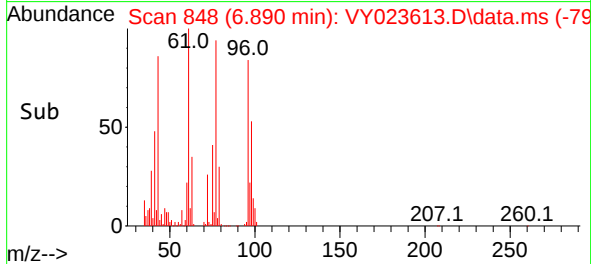
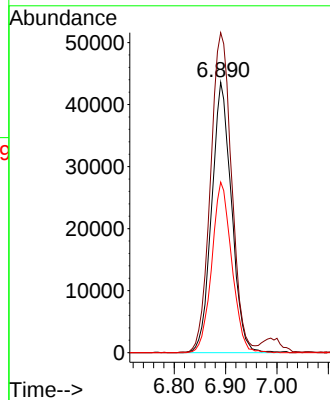
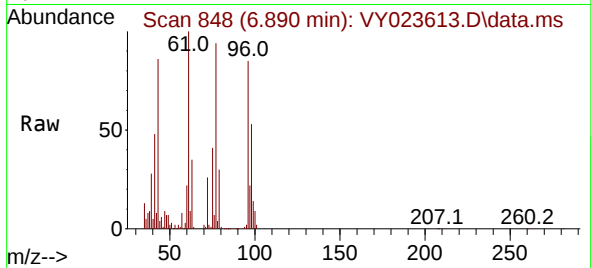
98 63.4 0.0 132.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#28

Bromochloromethane

Concen: 22.107 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

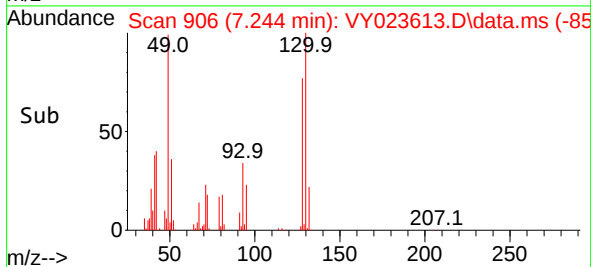
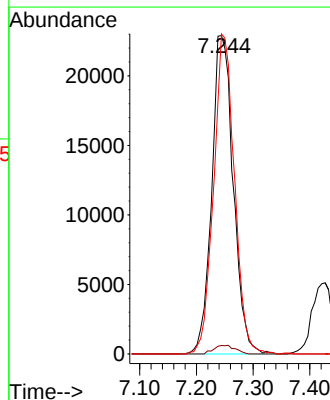
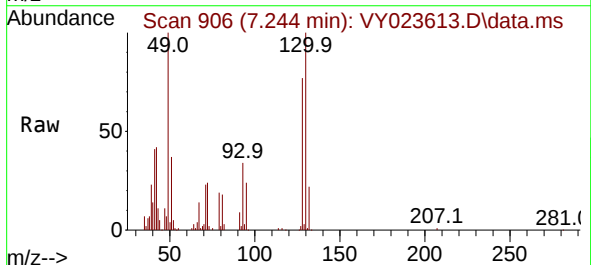
Tgt Ion: 49 Resp: 60462

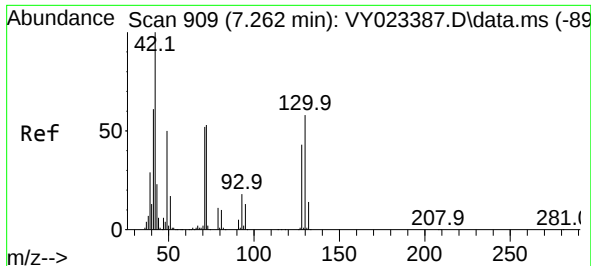
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 97.1 81.9 122.9





#29

Tetrahydrofuran

Concen: 90.045 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

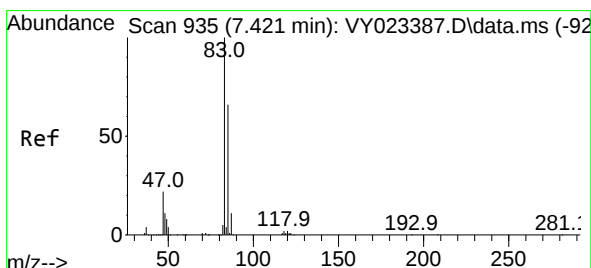
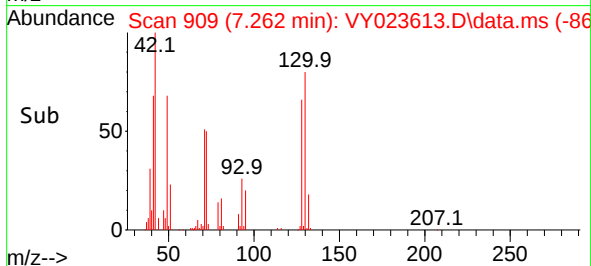
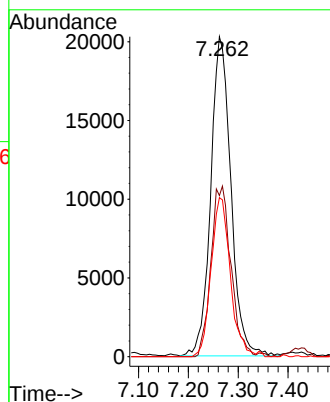
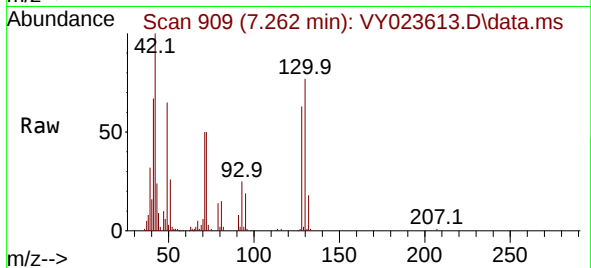
Tgt Ion:	42	Resp:	57078
Ion Ratio	Lower	Upper	
42	100		
72	53.0	43.0	64.6
71	47.4	40.1	60.1

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

Chloroform

Concen: 22.750 ug/l

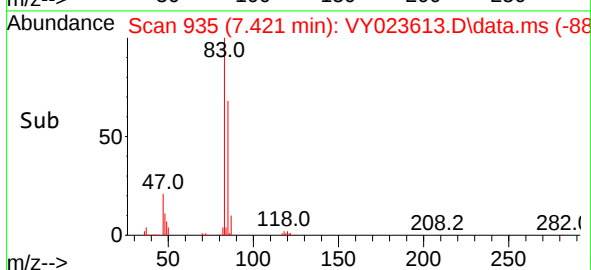
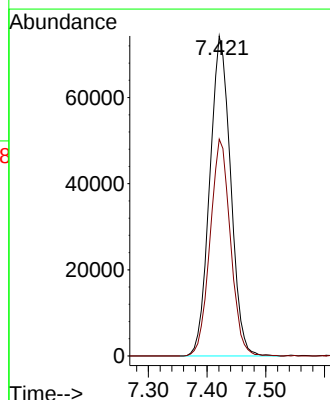
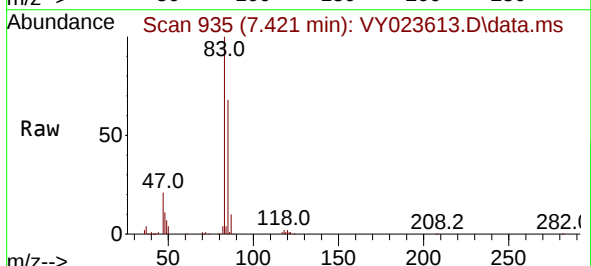
RT: 7.421 min Scan# 935

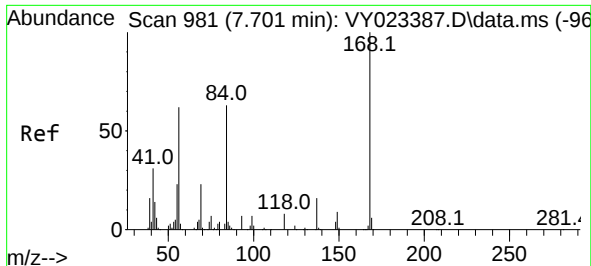
Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

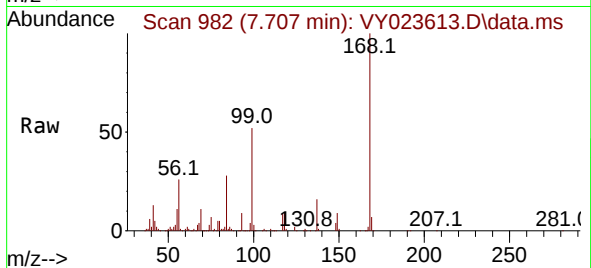
Tgt Ion:	83	Resp:	183120
Ion Ratio	Lower	Upper	
83	100		
85	67.8	52.5	78.7





#31
Cyclohexane
Concen: 21.317 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

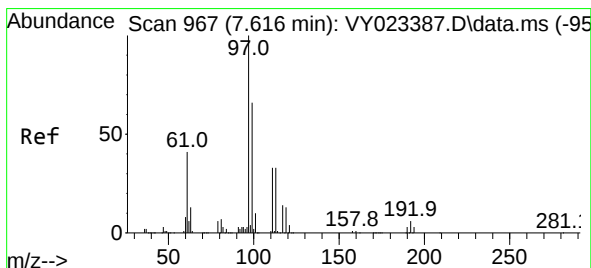
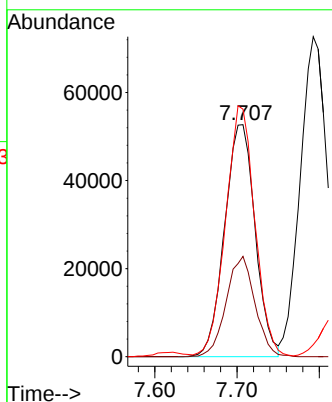
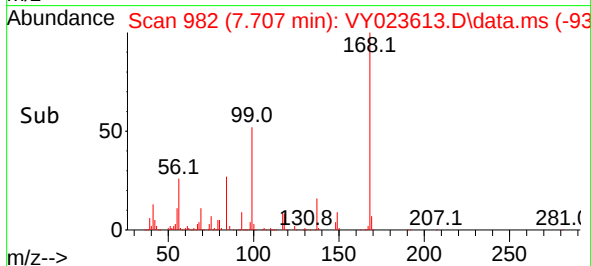
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 56 Resp: 13638
Ion Ratio Lower Upper
56 100
69 43.2 30.0 45.0
84 105.0 81.2 121.8

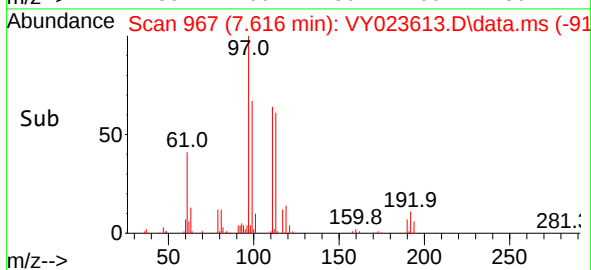
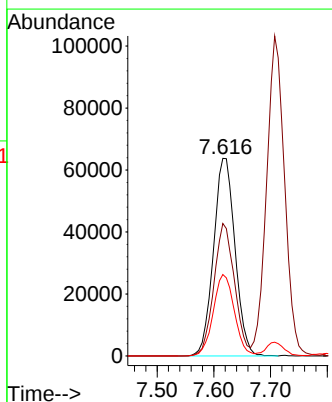
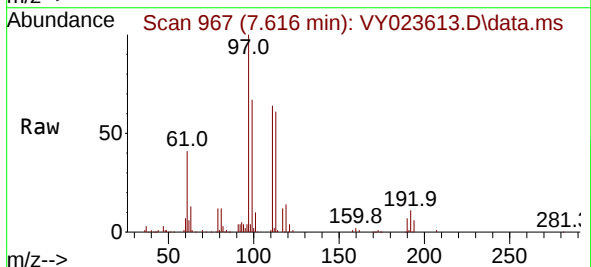
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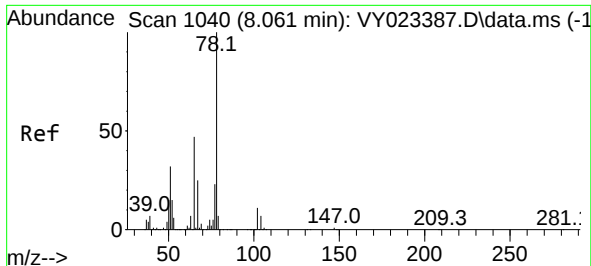
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 22.946 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion: 97 Resp: 167845
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 40.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.755 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 65 Resp: 18366

Ion Ratio Lower Upper

65 100

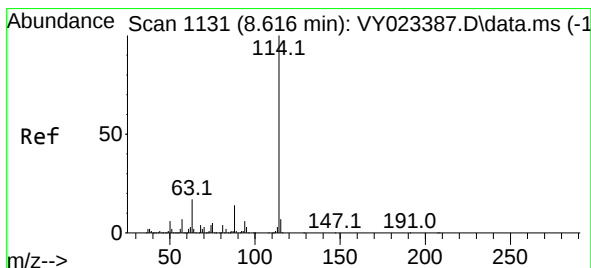
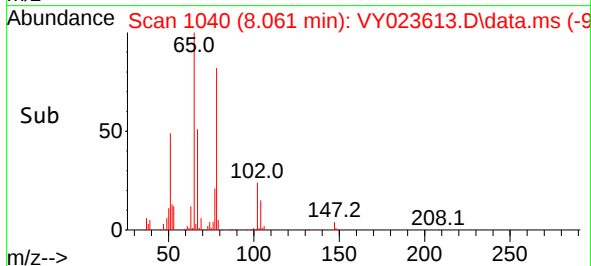
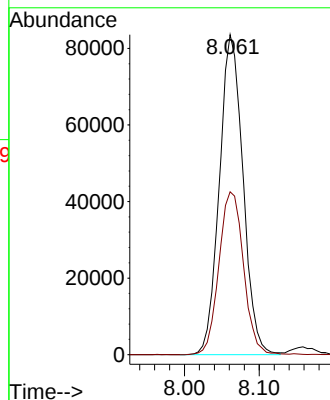
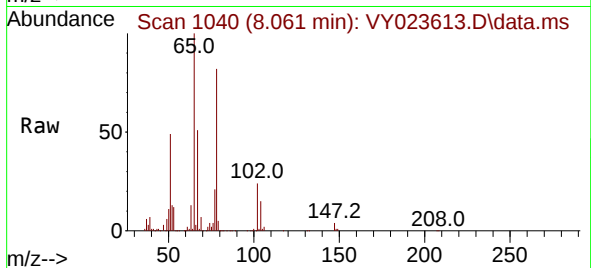
67 53.0 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

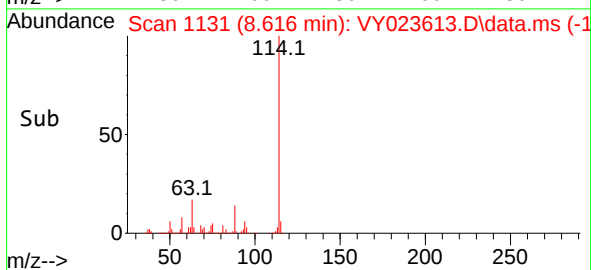
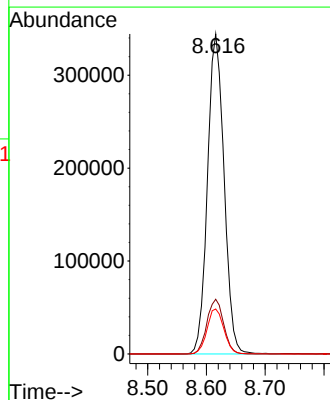
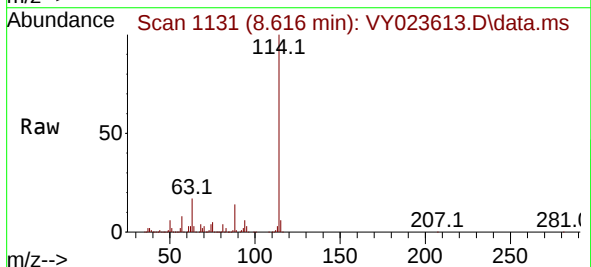
Tgt Ion:114 Resp: 674240

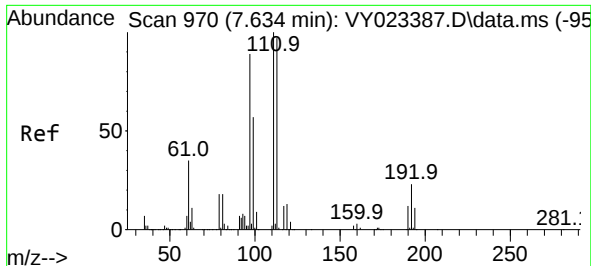
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

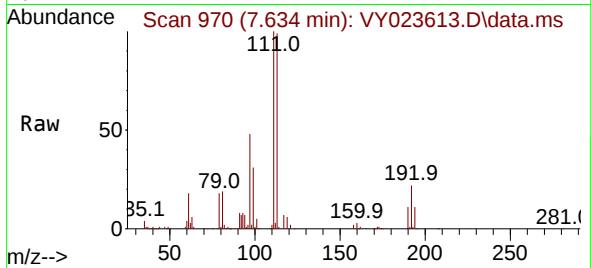
88 14.1 0.0 28.4





#35
Dibromofluoromethane
Concen: 50.710 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

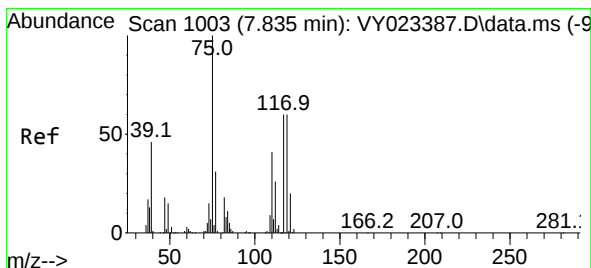
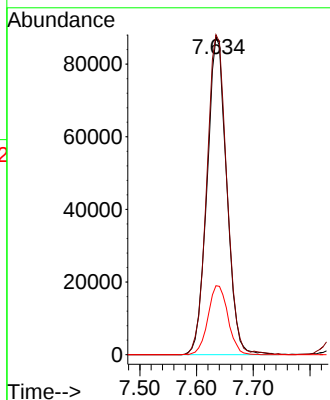
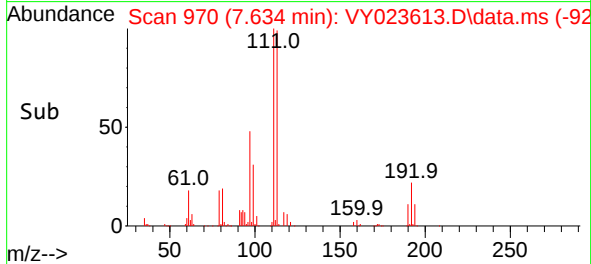
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



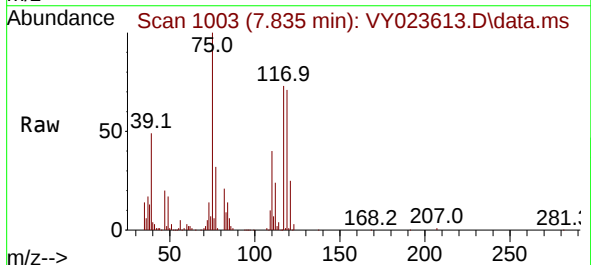
Tgt Ion:113 Resp: 21008
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 22.0 18.0 27.0

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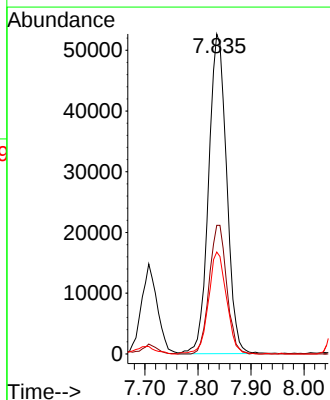
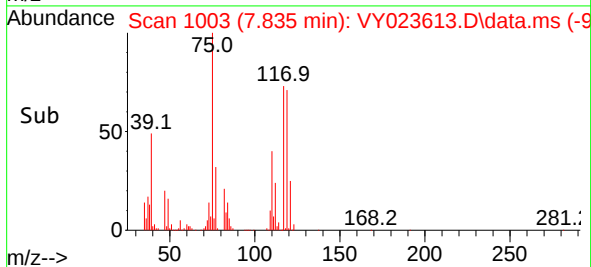
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

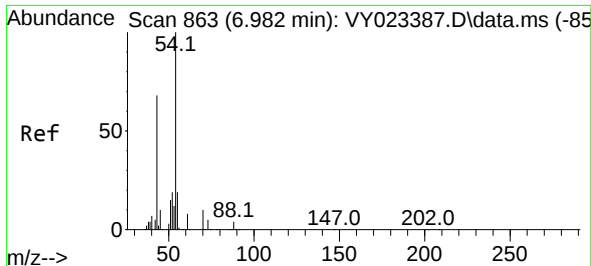


#36
1,1-Dichloropropene
Concen: 22.666 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



Tgt Ion: 75 Resp: 124315
Ion Ratio Lower Upper
75 100
110 39.1 19.9 59.7
77 31.8 25.0 37.6





#37

Ethyl Acetate

Concen: 19.798 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023613.D

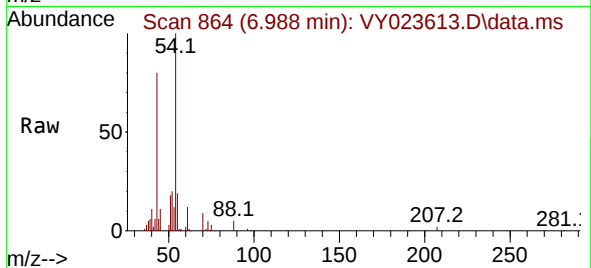
Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



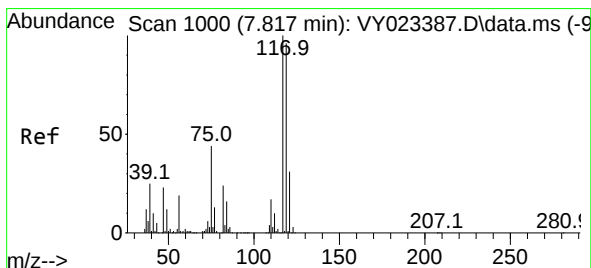
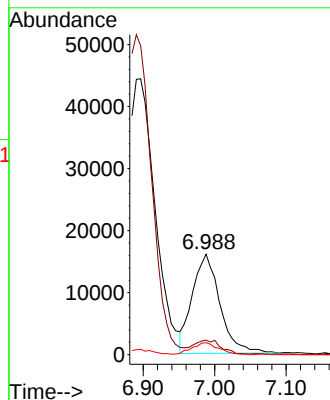
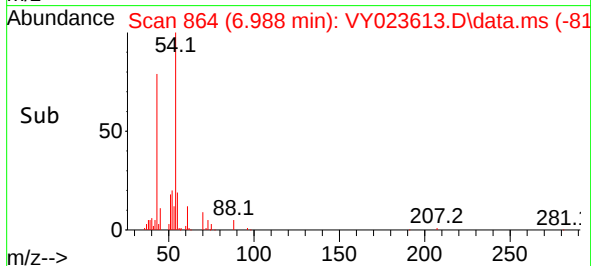
Tgt Ion:	43	Resp:	43019
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.8	17.8
70	11.8	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#38

Carbon Tetrachloride

Concen: 23.214 ug/l

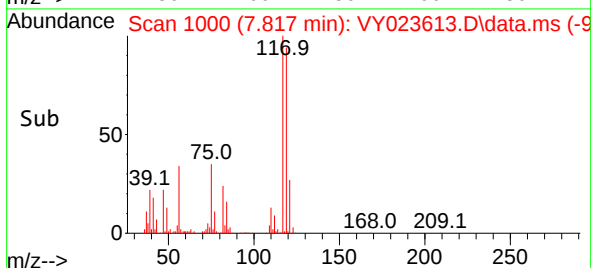
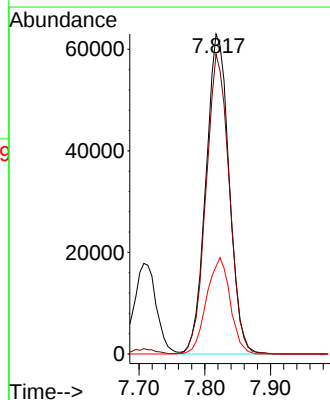
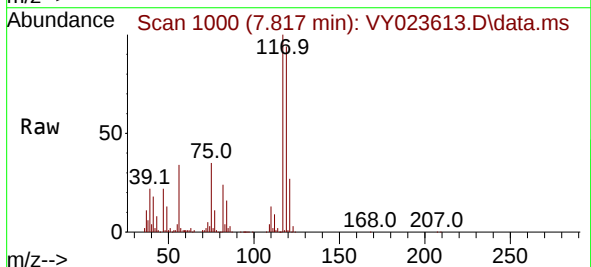
RT: 7.817 min Scan# 1000

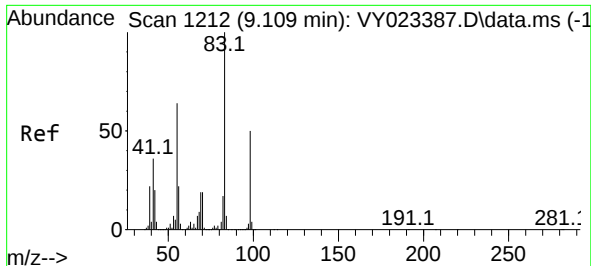
Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

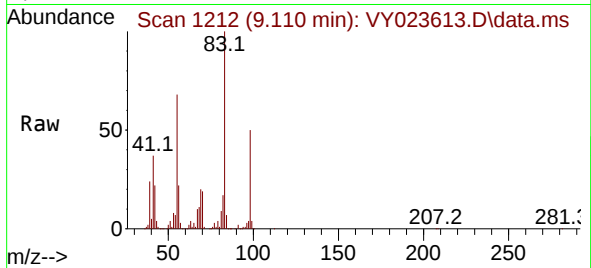
Tgt Ion:	117	Resp:	154385
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.8	115.2
121	27.4	24.5	36.7





#39
Methylcyclohexane
Concen: 21.317 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

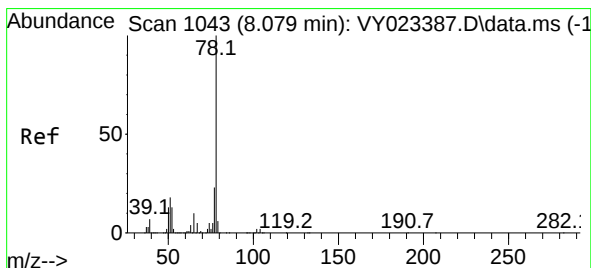
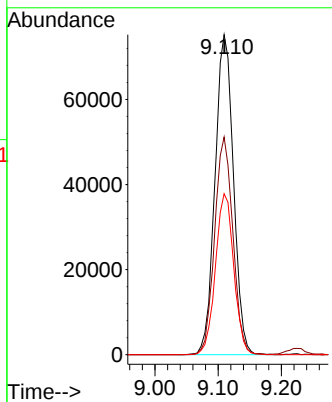
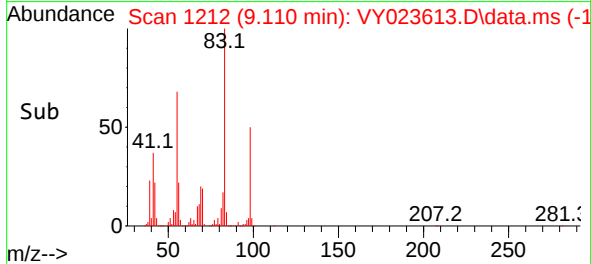
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 83 Resp: 15223
Ion Ratio Lower Upper
83 100
55 68.0 51.4 77.2
98 50.3 40.4 60.6

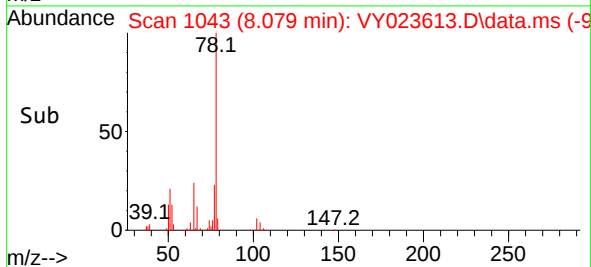
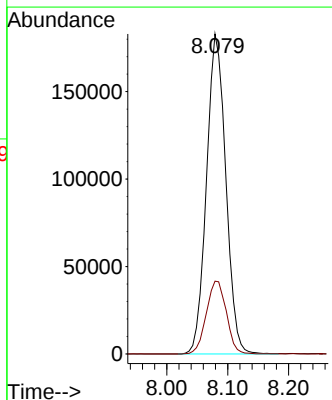
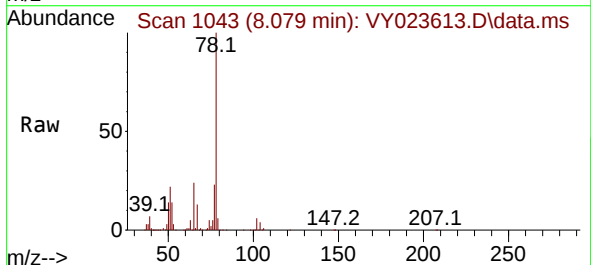
Manual Integrations
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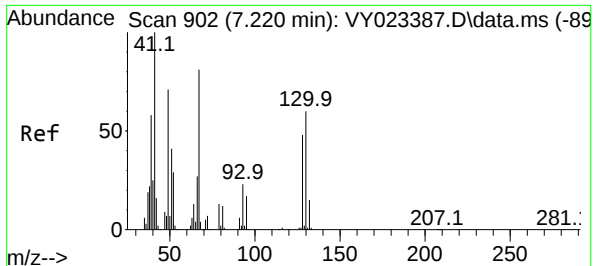
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Benzene
Concen: 23.194 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

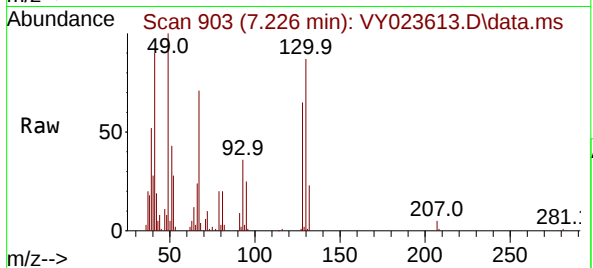
Tgt Ion: 78 Resp: 402878
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5





#41
Methacrylonitrile
Concen: 19.278 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

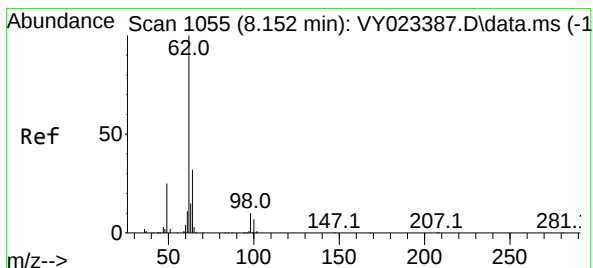
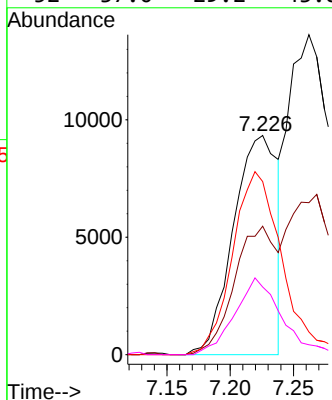
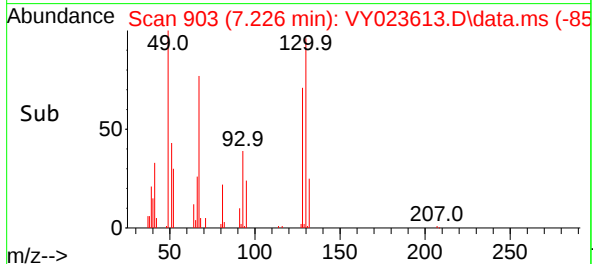
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



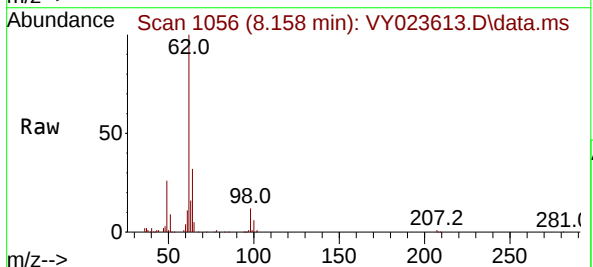
Tgt Ion: 41 Resp: 2265
Ion Ratio Lower Upper
41 100
39 56.1 52.2 78.4
67 93.3 74.9 112.3
52 37.0 29.2 43.8

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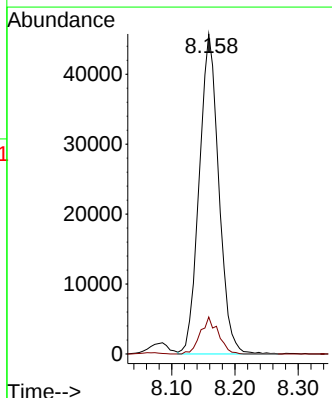
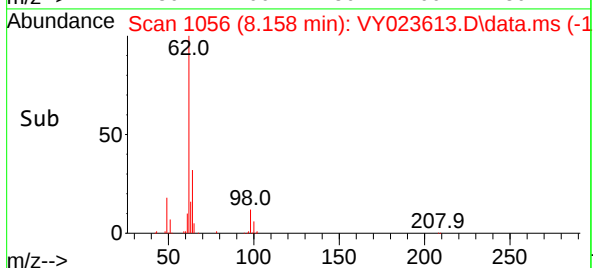
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

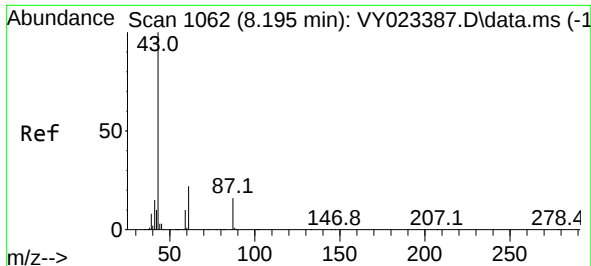


#42
1,2-Dichloroethane
Concen: 22.015 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



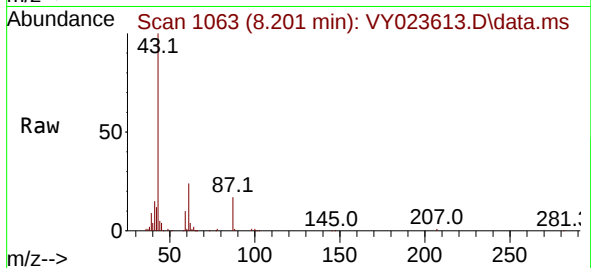
Tgt Ion: 62 Resp: 98621
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.6





#43
Isopropyl Acetate
Concen: 19.432 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

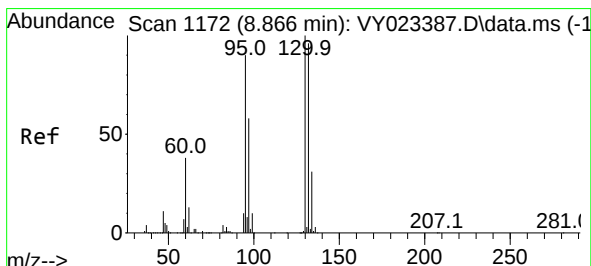
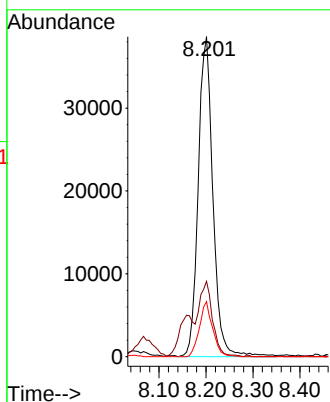
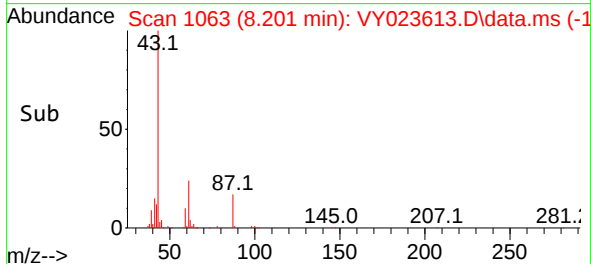
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 43 Resp: 84194
Ion Ratio Lower Upper
43 100
61 21.3 18.1 27.1
87 15.5 13.5 20.3

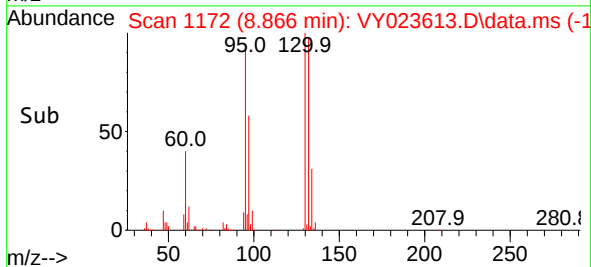
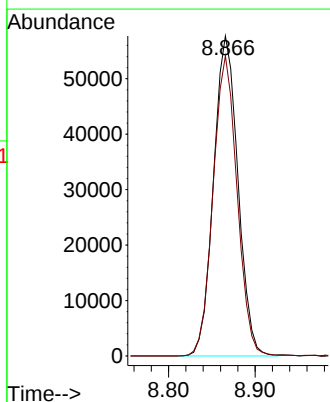
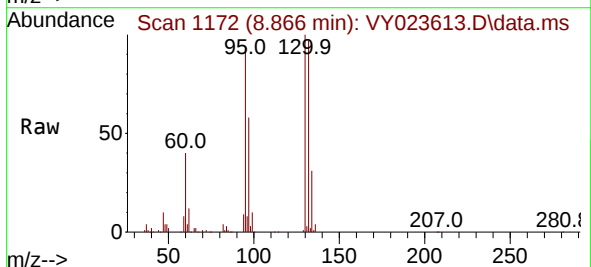
Manual Integrations
APPROVED

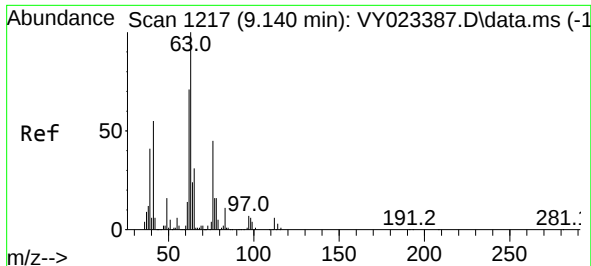
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#44
Trichloroethene
Concen: 22.164 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion:130 Resp: 112682
Ion Ratio Lower Upper
130 100
95 93.8 0.0 180.6





#45

1,2-Dichloropropane

Concen: 22.891 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 63 Resp: 87824

Ion Ratio Lower Upper

63 100

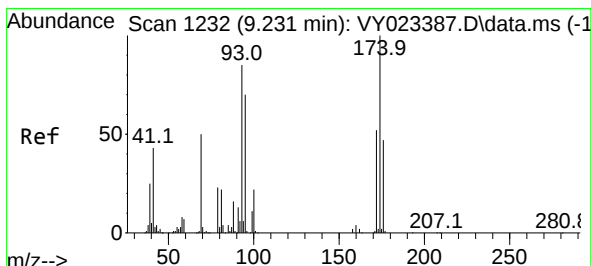
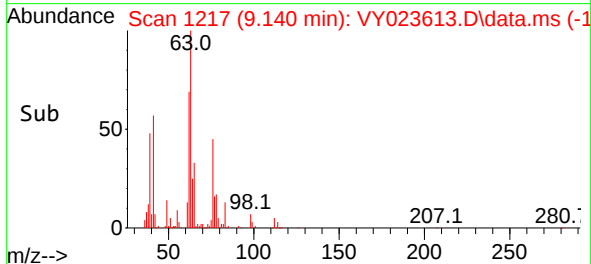
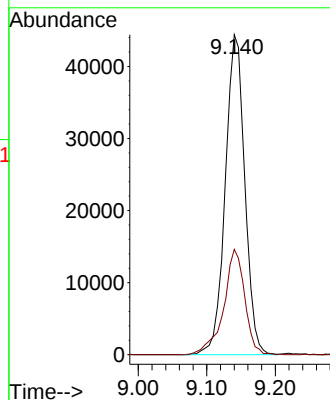
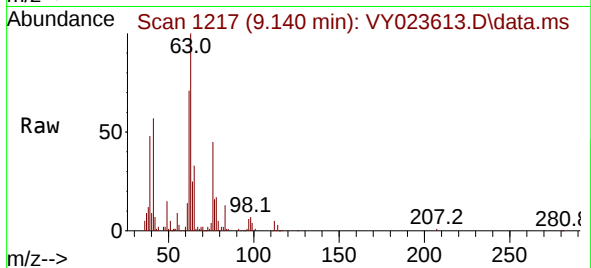
65 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#46

Dibromomethane

Concen: 21.588 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

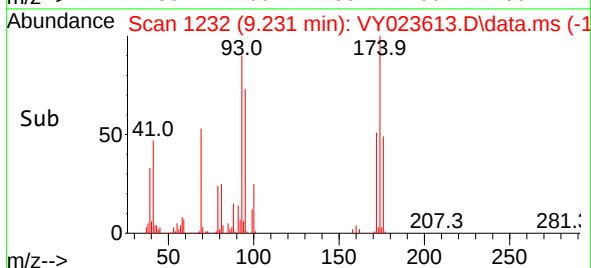
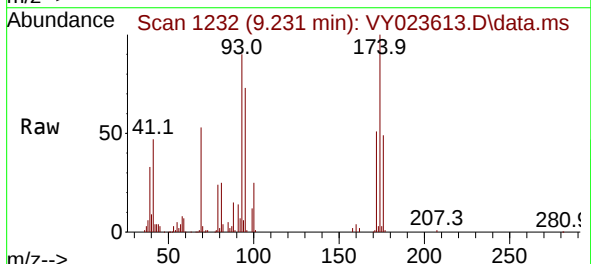
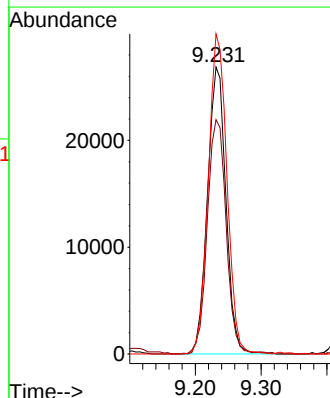
Tgt Ion: 93 Resp: 52372

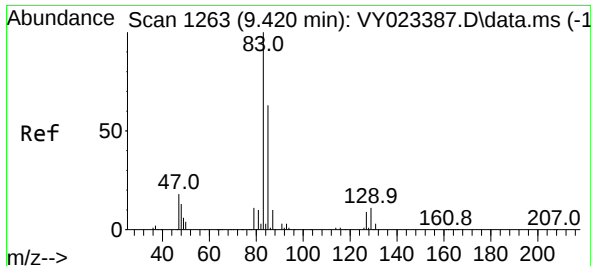
Ion Ratio Lower Upper

93 100

95 83.4 65.4 98.0

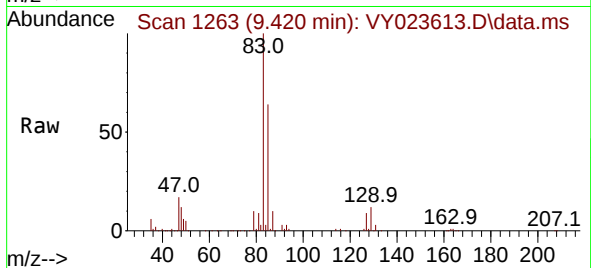
174 112.8 92.9 139.3





#47
Bromodichloromethane
Concen: 22.583 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

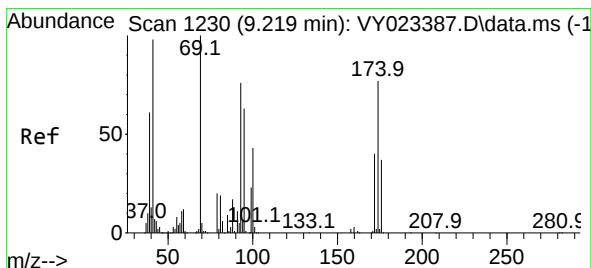
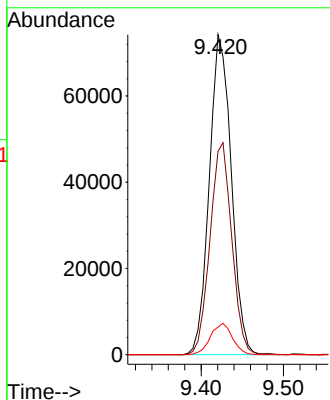
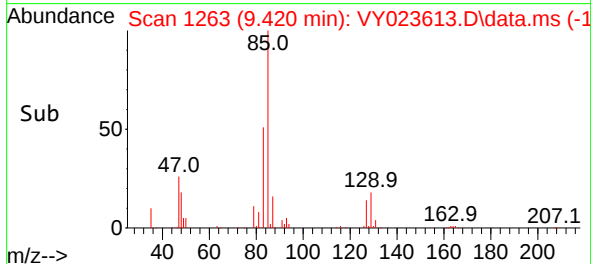
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 83 Resp: 137980
Ion Ratio Lower Upper
83 100
85 63.6 50.8 76.2
127 8.6 7.4 11.2

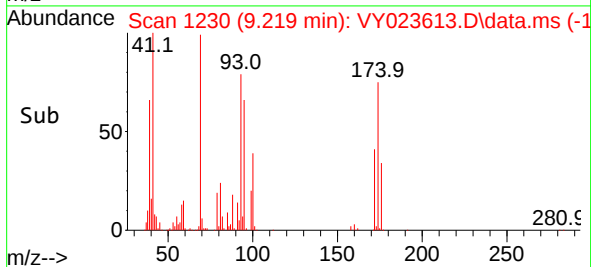
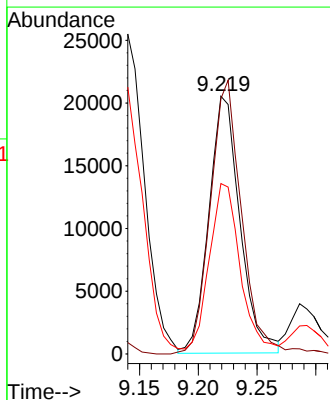
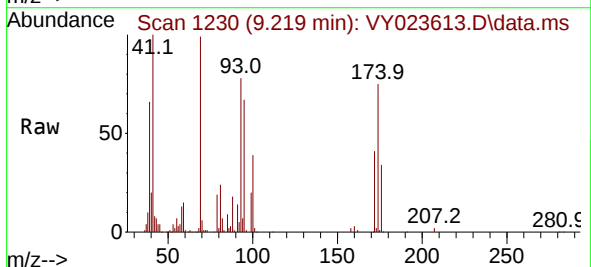
Manual Integrations
APPROVED

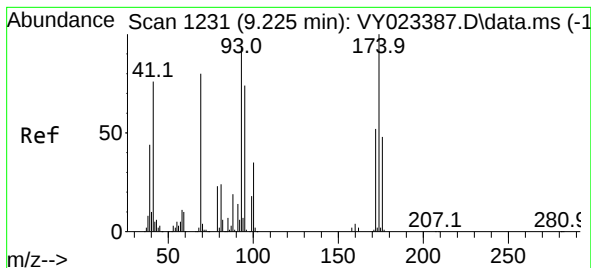
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#48
Methyl methacrylate
Concen: 18.568 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion: 41 Resp: 37795
Ion Ratio Lower Upper
41 100
69 107.2 81.0 121.4
39 62.4 48.2 72.4





#49

1,4-Dioxane

Concen: 363.490 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 88 Resp: 10224

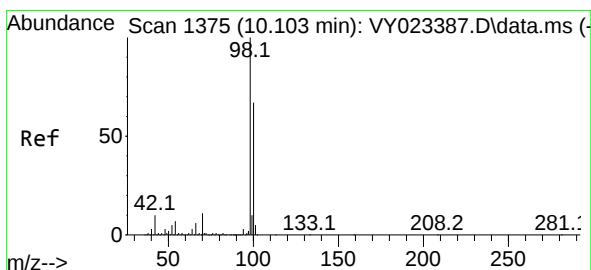
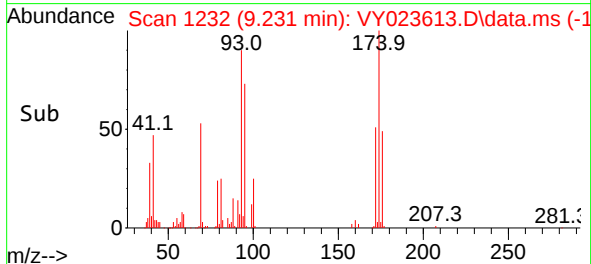
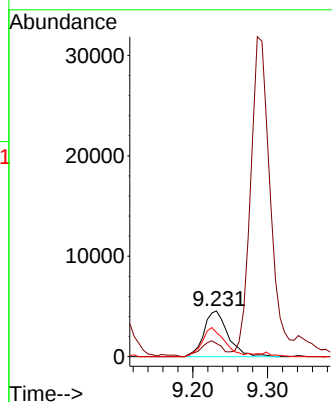
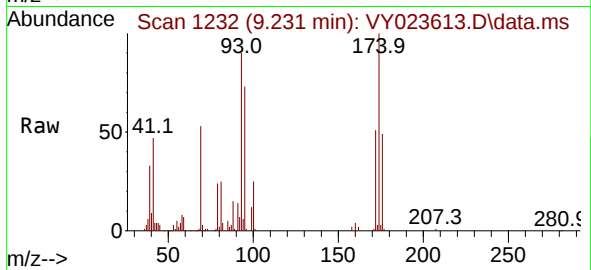
Ion	Ratio	Lower	Upper
88	100		
43	30.4	21.8	32.8
58	58.3	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

Toluene-d8

Concen: 50.669 ug/l

RT: 10.109 min Scan# 1376

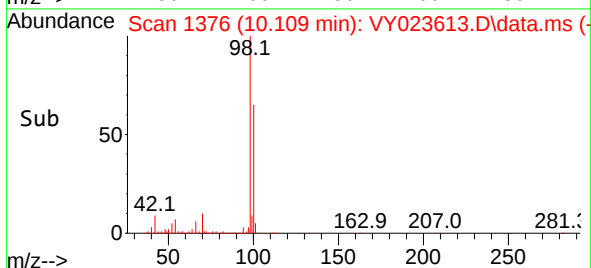
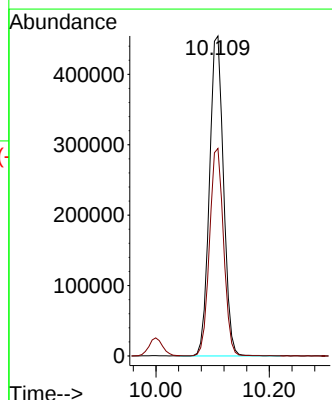
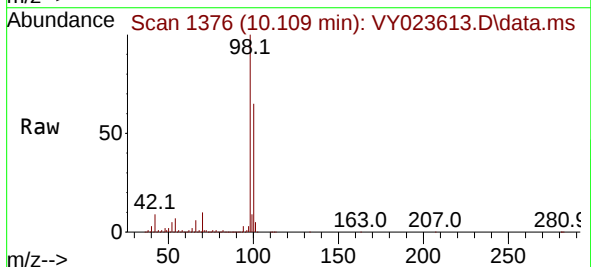
Delta R.T. 0.006 min

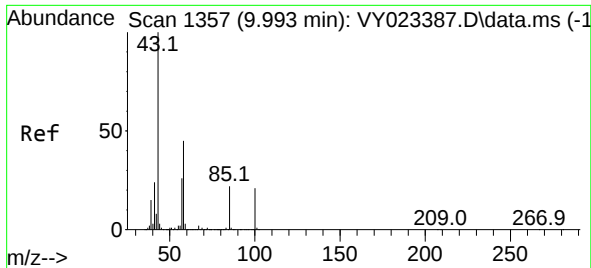
Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Tgt Ion: 98 Resp: 781749

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 95.576 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion: 43 Resp: 213958

Ion Ratio Lower Upper

43 100

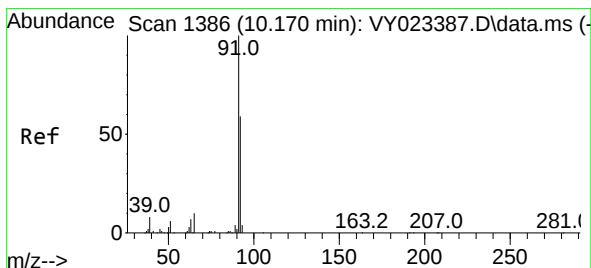
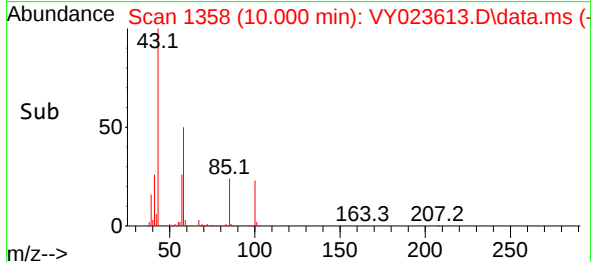
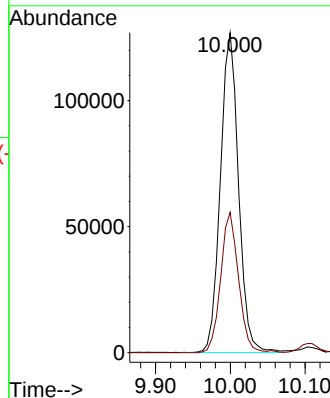
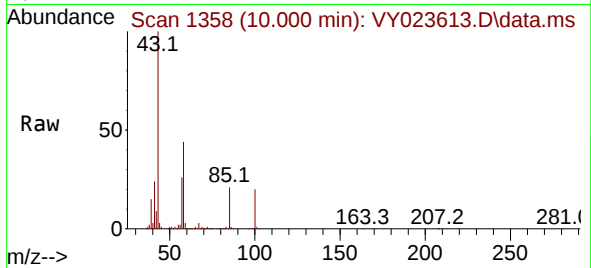
58 43.4 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#52

Toluene

Concen: 22.804 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023613.D

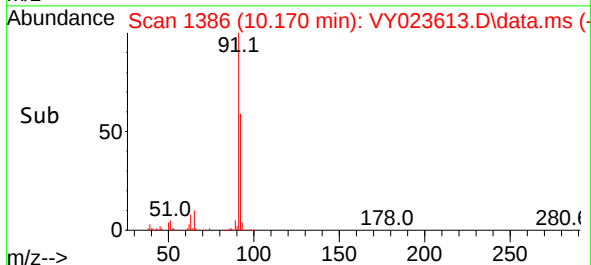
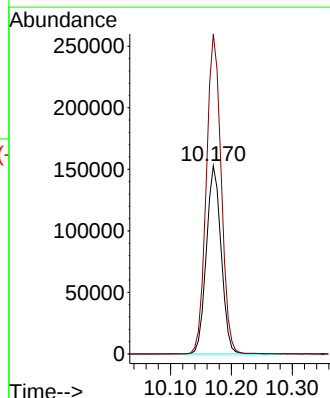
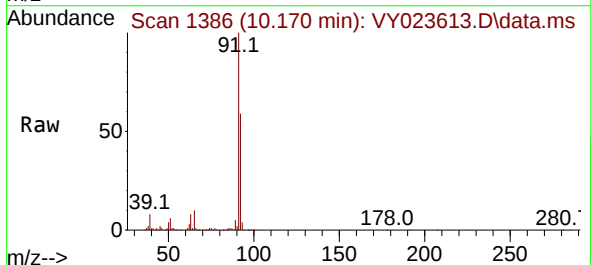
Acq: 29 Oct 2025 10:14

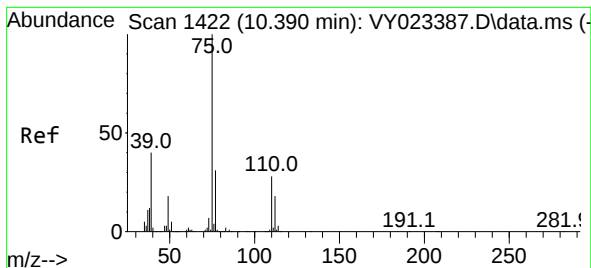
Tgt Ion: 92 Resp: 257176

Ion Ratio Lower Upper

92 100

91 171.4 136.4 204.6





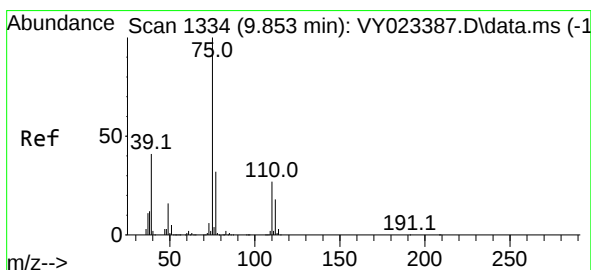
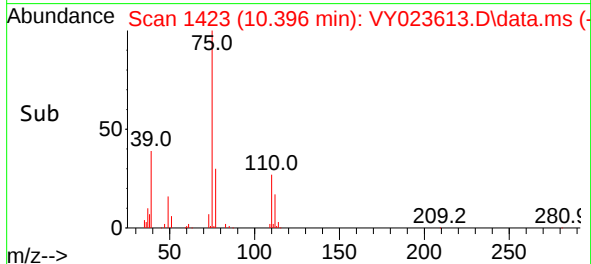
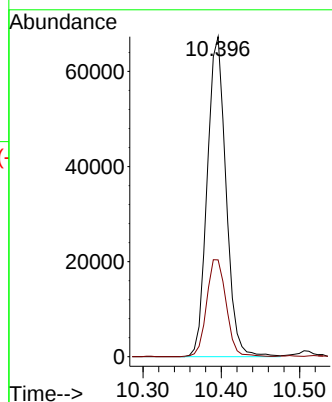
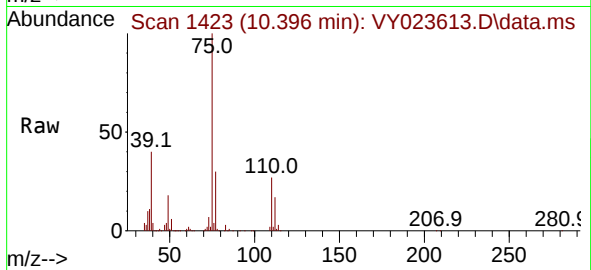
#53
t-1,3-Dichloropropene
Concen: 21.066 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tgt Ion: 75 Resp: 11191
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7

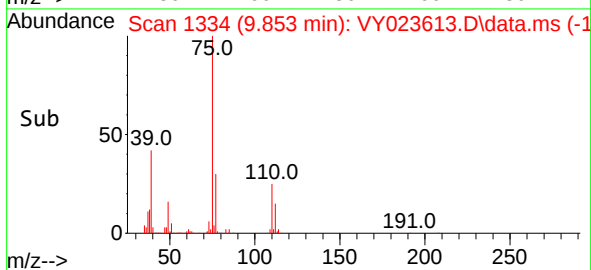
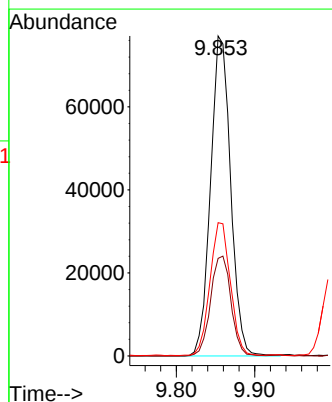
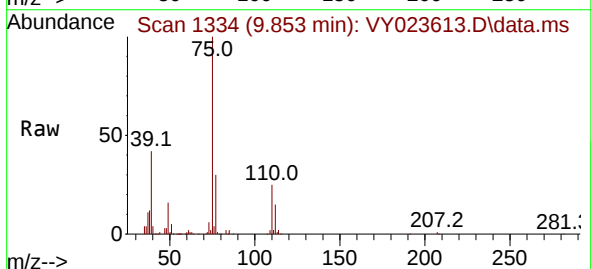
Manual Integrations
APPROVED

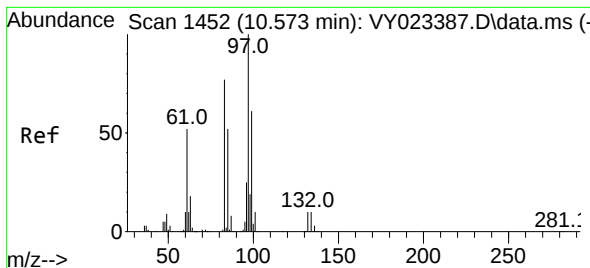
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
cis-1,3-Dichloropropene
Concen: 21.887 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

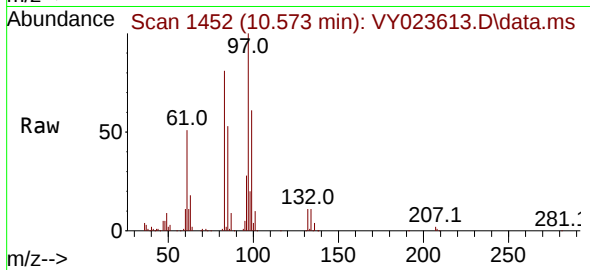
Tgt Ion: 75 Resp: 137234
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0
39 41.5 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 21.663 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

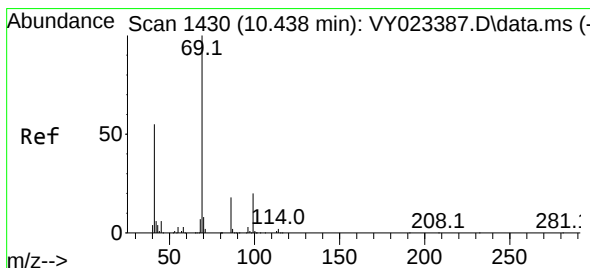
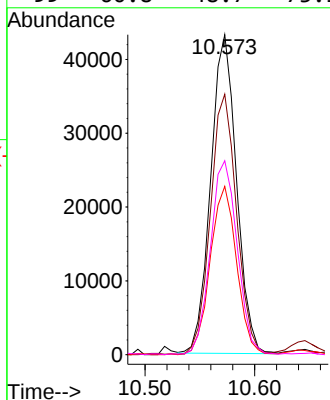
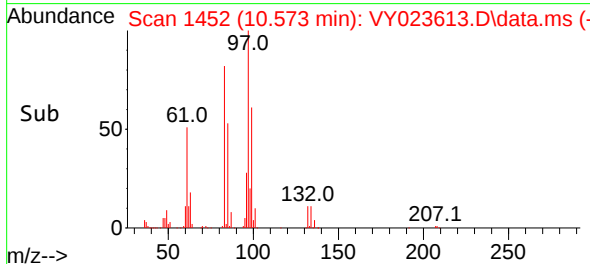
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



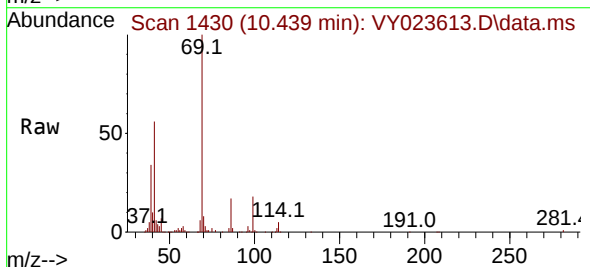
Tgt Ion: 97	Resp: 7067
Ion Ratio	Lower Upper
97	100
83	81.7 61.8 92.6
85	52.9 41.3 61.9
99	60.8 48.7 73.1

Manual Integrations
APPROVED

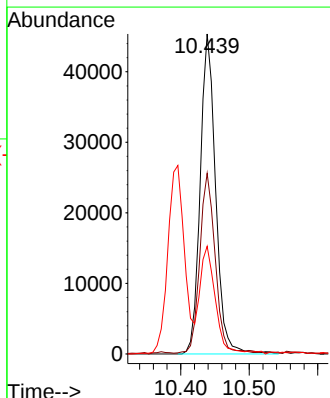
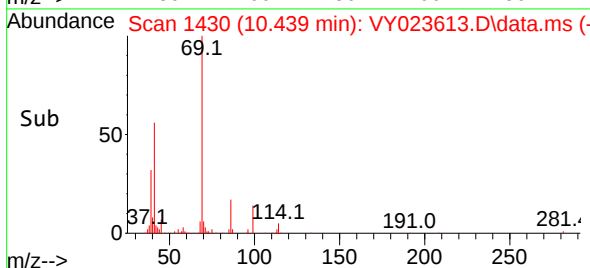
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

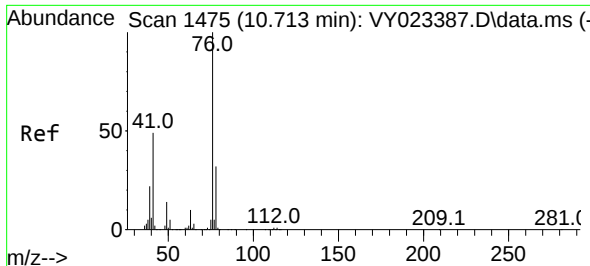


#56
Ethyl methacrylate
Concen: 18.959 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



Tgt Ion: 69	Resp: 71345
Ion Ratio	Lower Upper
69	100
41	55.8 44.6 67.0
39	31.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.339 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023613.D

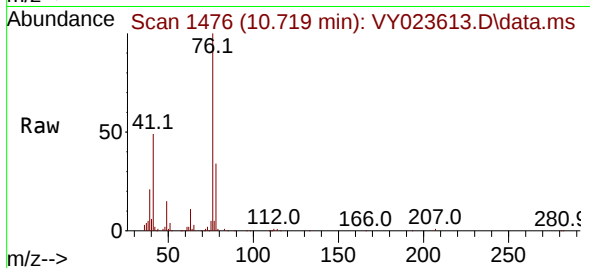
Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



Tgt Ion: 76 Resp: 110314

Ion Ratio Lower Upper

76 100

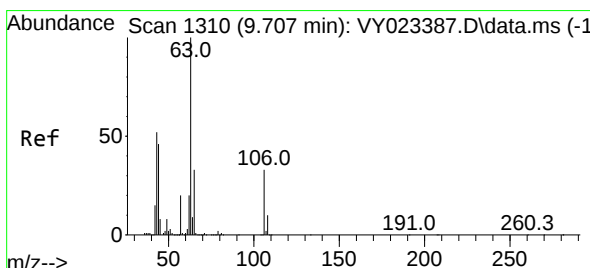
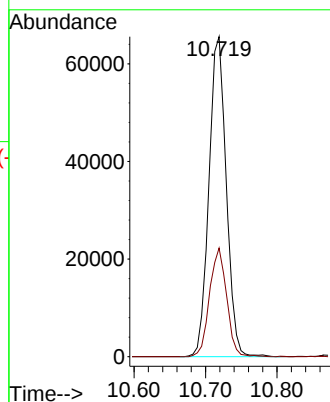
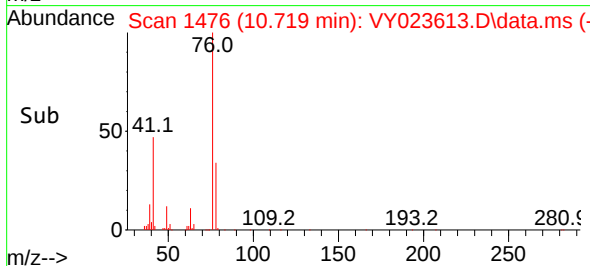
78 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 93.585 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023613.D

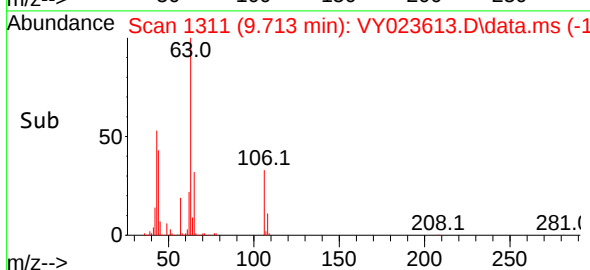
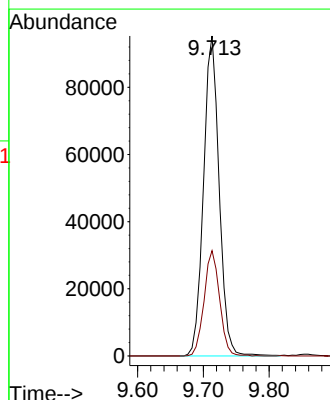
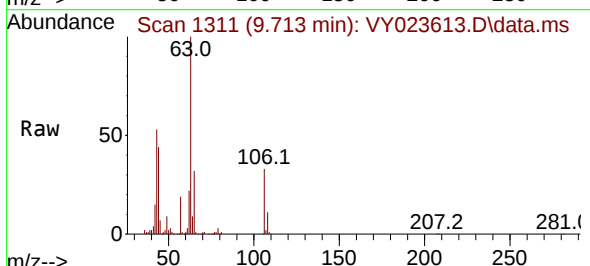
Acq: 29 Oct 2025 10:14

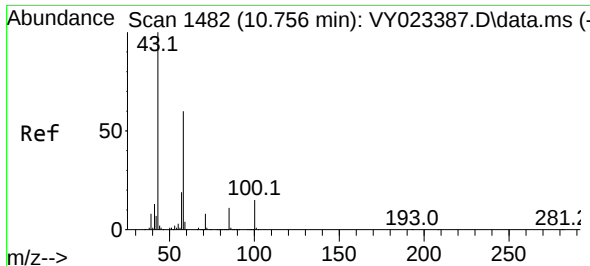
Tgt Ion: 63 Resp: 157764

Ion Ratio Lower Upper

63 100

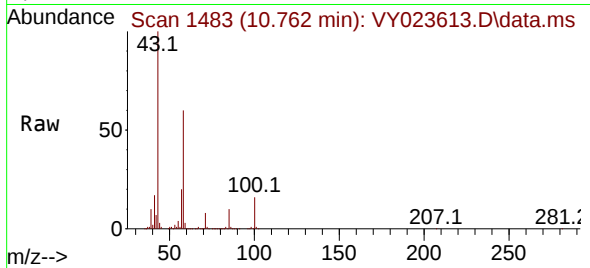
106 32.6 26.6 39.8





#59
2-Hexanone
Concen: 107.625 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

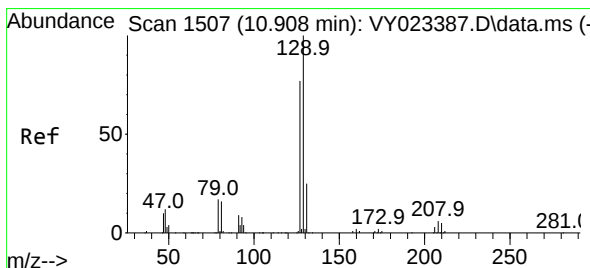
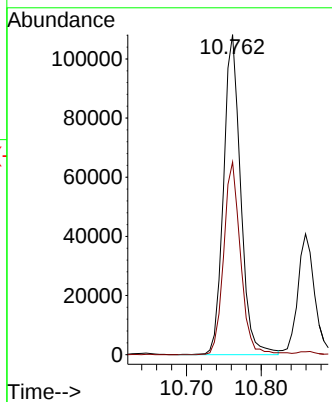
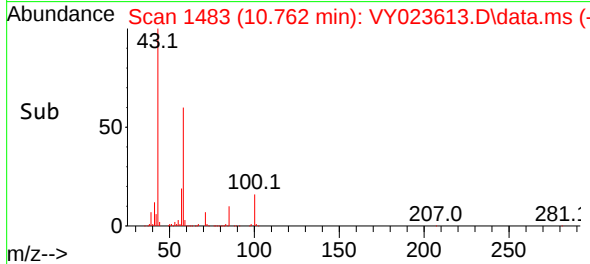
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 43 Resp: 17218
Ion Ratio Lower Upper
43 100
58 59.3 30.5 91.5

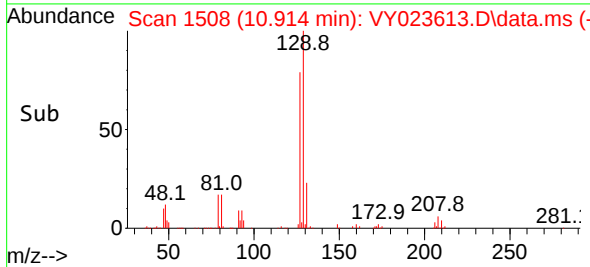
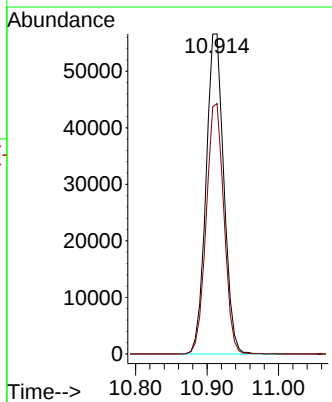
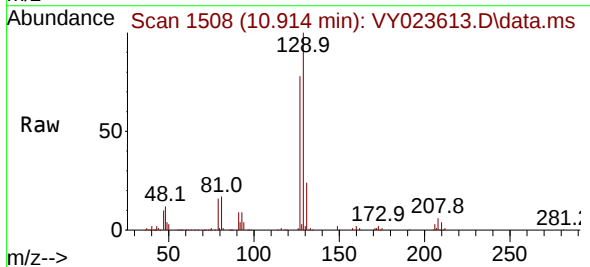
Manual Integrations
APPROVED

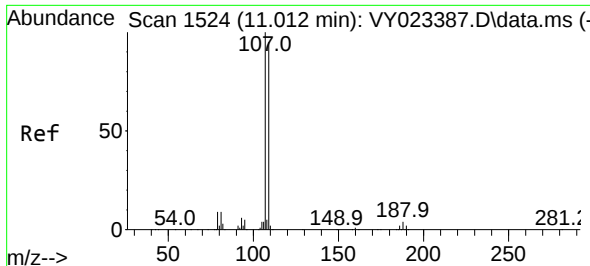
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
Dibromochloromethane
Concen: 21.345 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

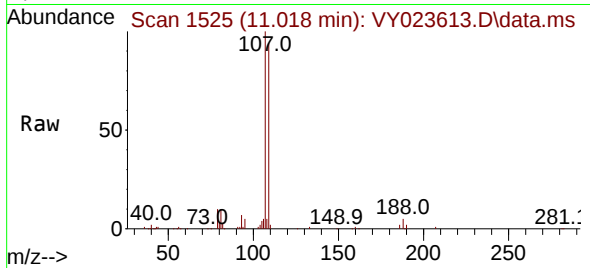
Tgt Ion:129 Resp: 97629
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.480 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

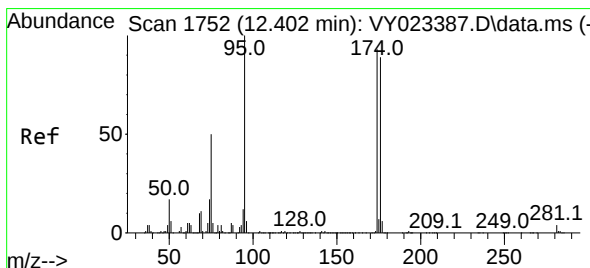
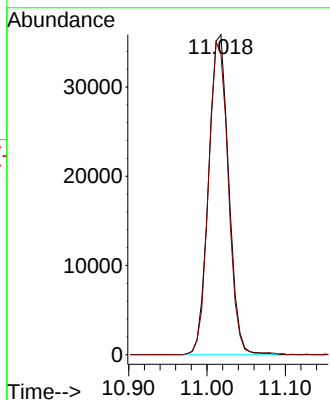
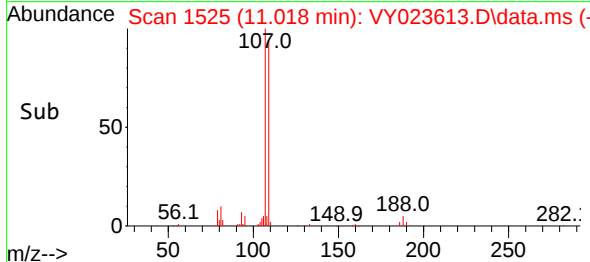
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion:107 Resp: 63719
Ion Ratio Lower Upper
107 100
109 96.1 76.1 114.1

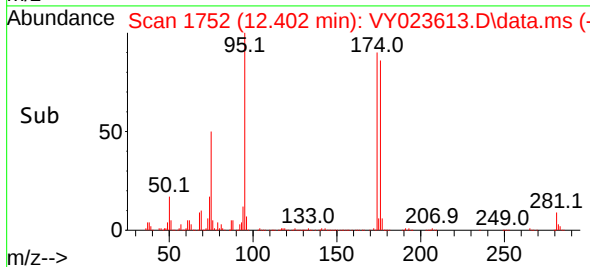
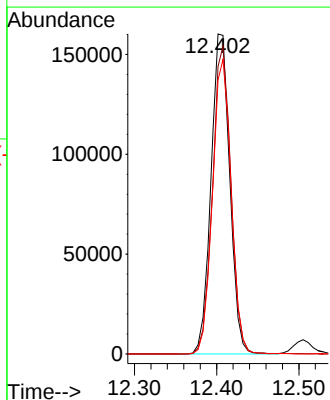
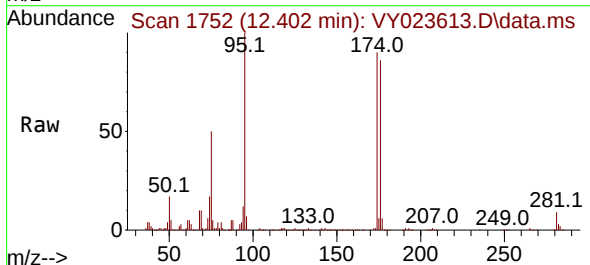
Manual Integrations
APPROVED

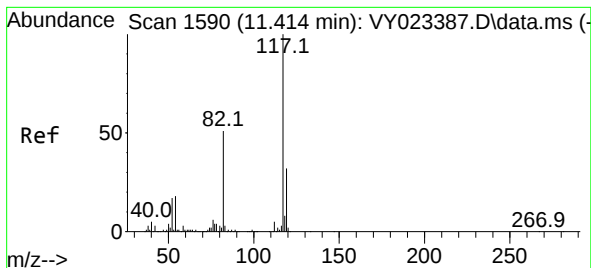
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#62
4-Bromofluorobenzene
Concen: 50.000 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion: 95 Resp: 254685
Ion Ratio Lower Upper
95 100
174 94.4 0.0 192.8
176 91.1 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: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

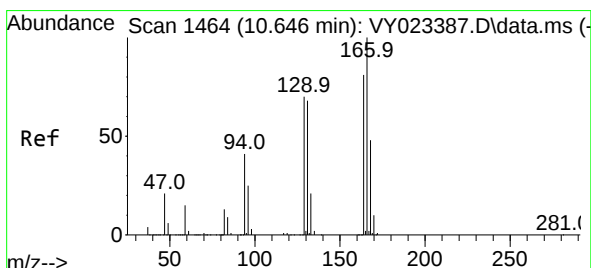
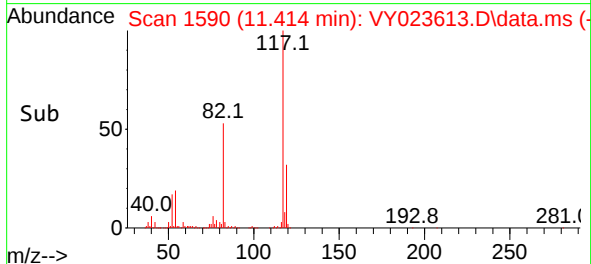
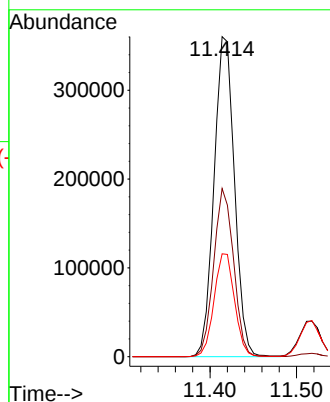
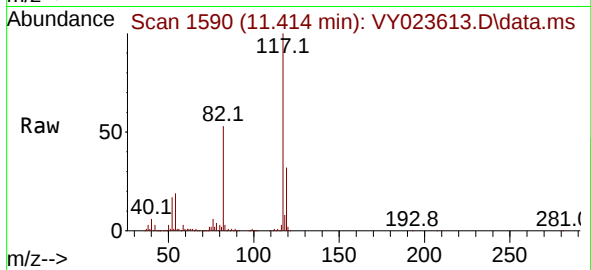
Tgt Ion:	117	Resp:	59122
Ion Ratio	Lower	Upper	
117	100		
82	52.5	41.0	61.4
119	32.2	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#64

Tetrachloroethene

Concen: 22.383 ug/l

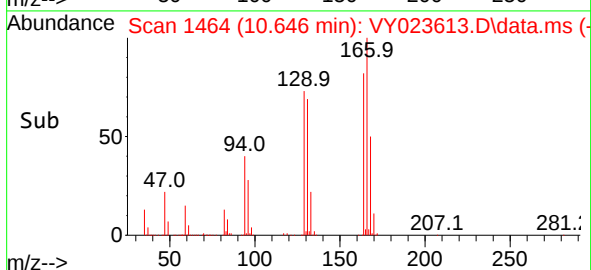
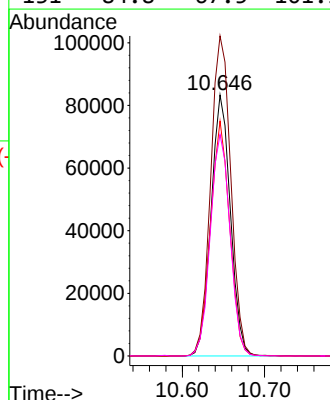
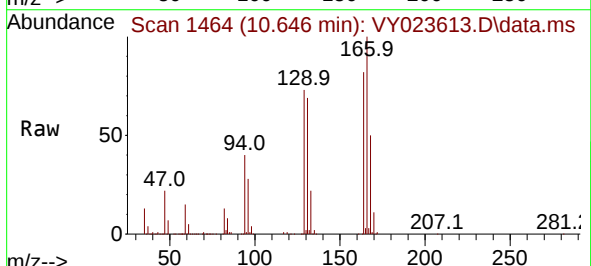
RT: 10.646 min Scan# 1464

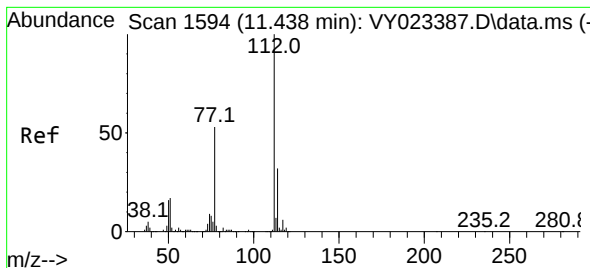
Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

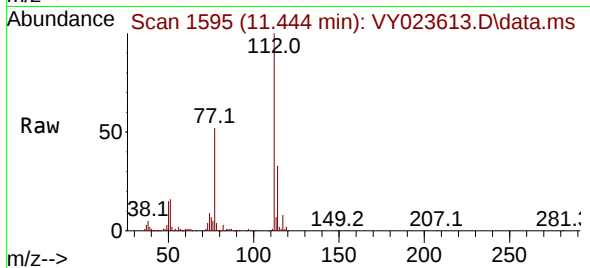
Tgt Ion:	164	Resp:	136641
Ion Ratio	Lower	Upper	
164	100		
166	122.6	99.4	149.0
129	90.0	69.4	104.2
131	84.8	67.5	101.3





#65
Chlorobenzene
Concen: 22.285 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

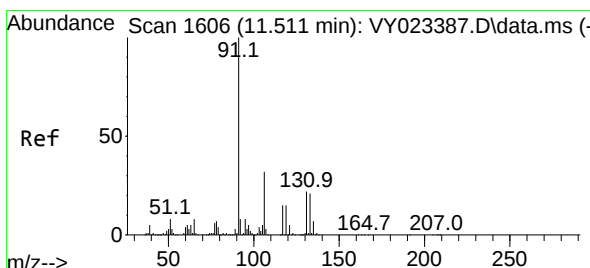
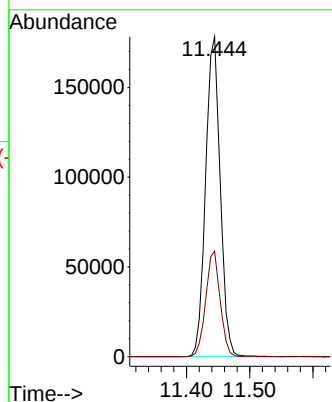
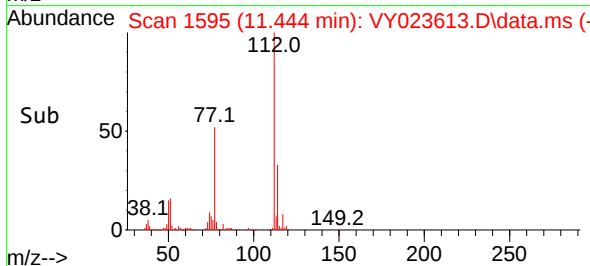
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



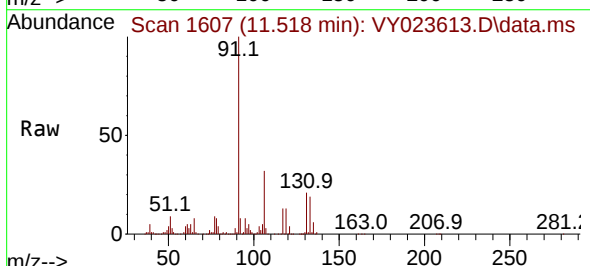
Tgt Ion:112 Resp: 286554
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4

Manual Integrations
APPROVED

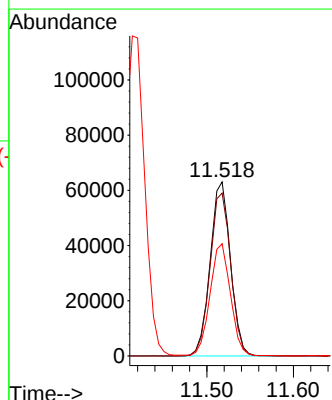
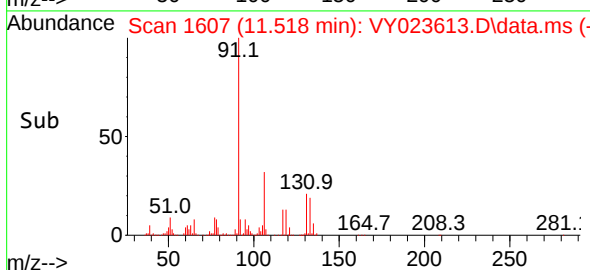
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

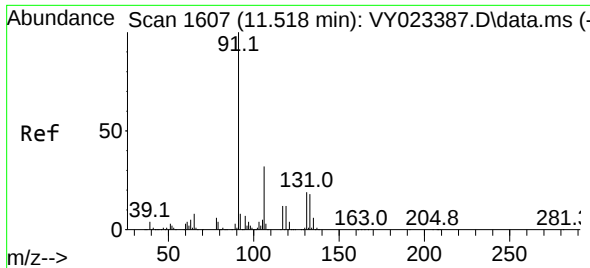


#66
1,1,1,2-Tetrachloroethane
Concen: 22.428 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



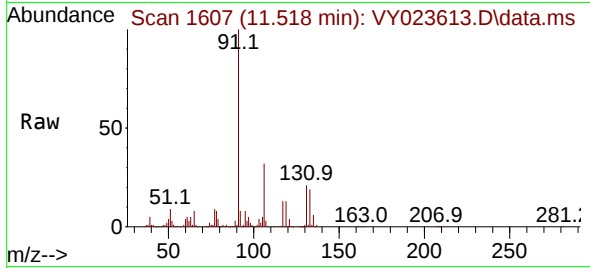
Tgt Ion:131 Resp: 102771
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.2
119 65.0 32.4 97.2





#67
Ethyl Benzene
Concen: 22.368 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

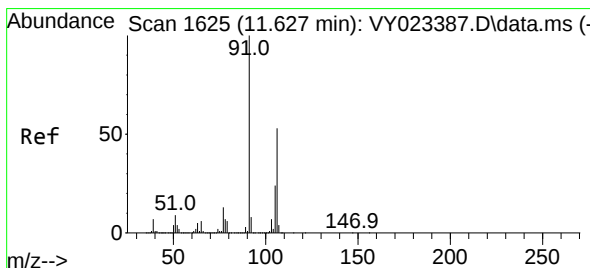
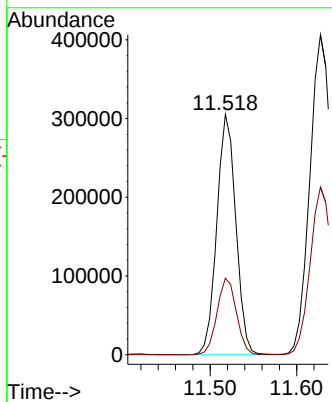
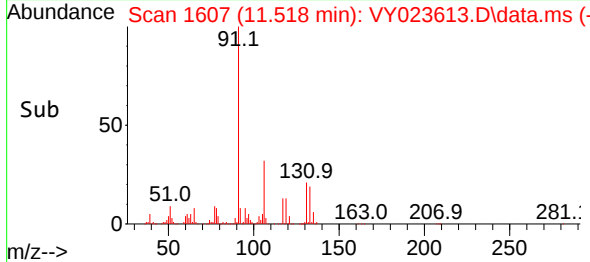
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 91 Resp: 465590
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8

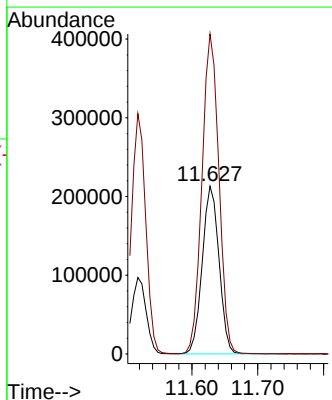
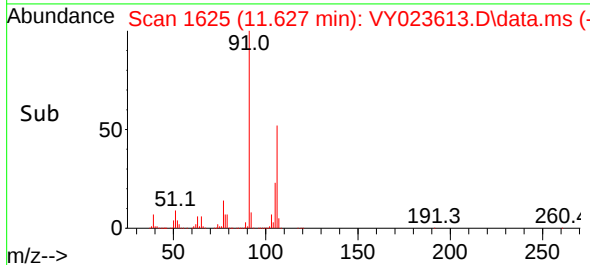
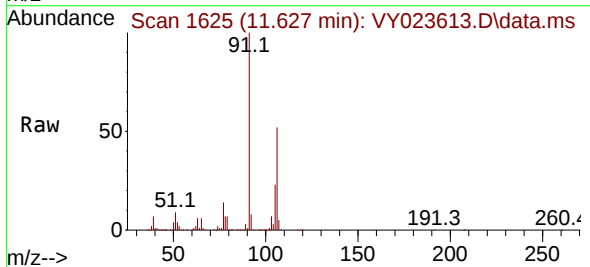
Manual Integrations
APPROVED

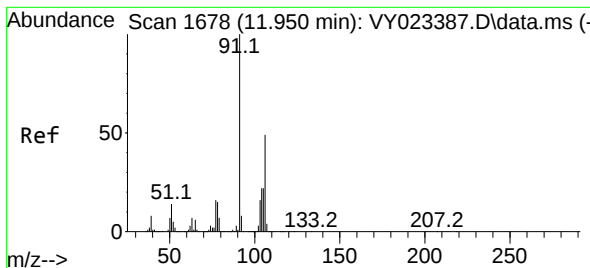
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
m/p-Xylenes
Concen: 45.257 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion:106 Resp: 377839
Ion Ratio Lower Upper
106 100
91 192.5 152.6 229.0





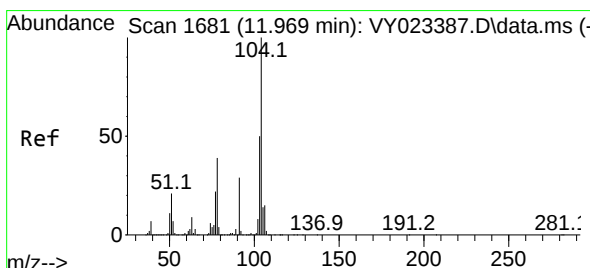
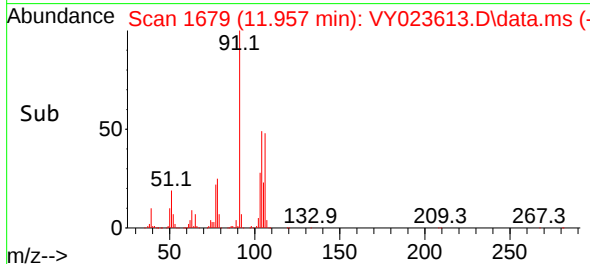
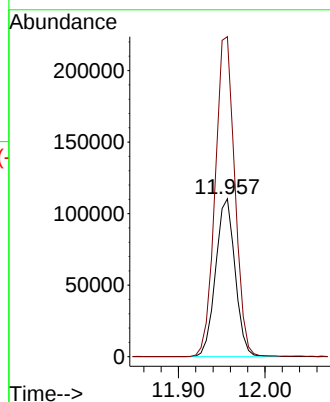
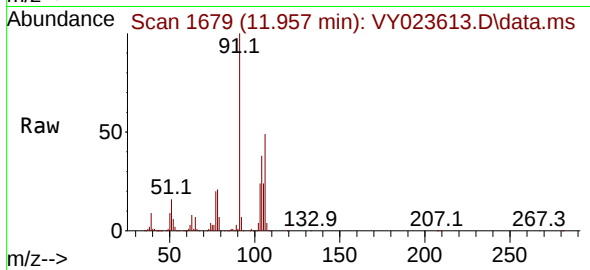
#69
o-Xylene
Concen: 22.005 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01

Tgt Ion:106 Resp: 172310
Ion Ratio Lower Upper
106 100
91 204.6 101.4 304.1

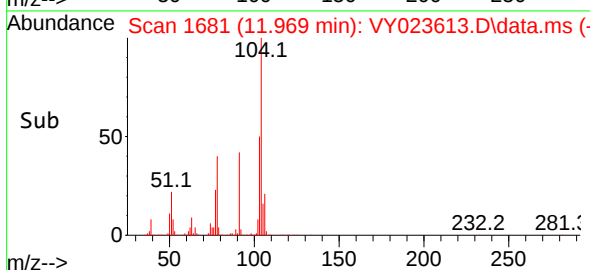
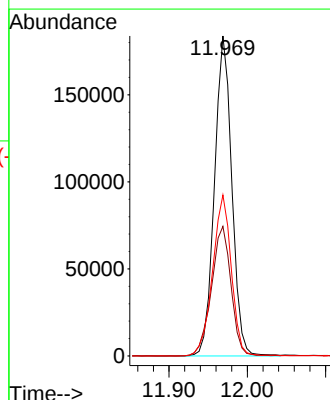
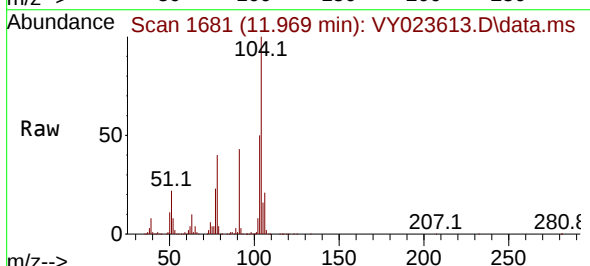
Manual Integrations
APPROVED

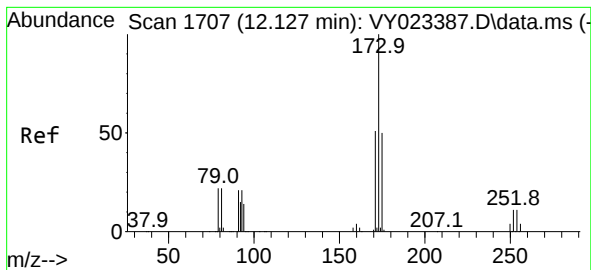
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Styrene
Concen: 21.988 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

Tgt Ion:104 Resp: 283148
Ion Ratio Lower Upper
104 100
78 45.8 36.1 54.1
103 54.4 43.2 64.8





#71

Bromoform

Concen: 20.149 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

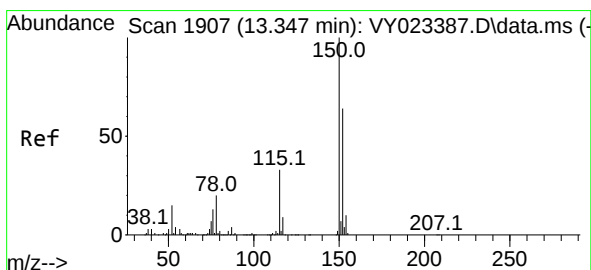
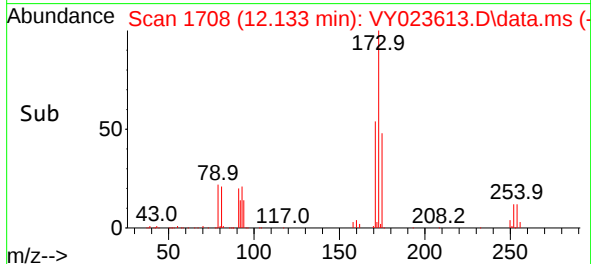
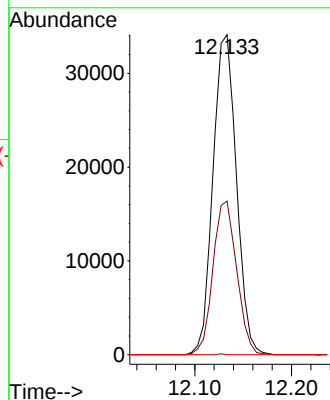
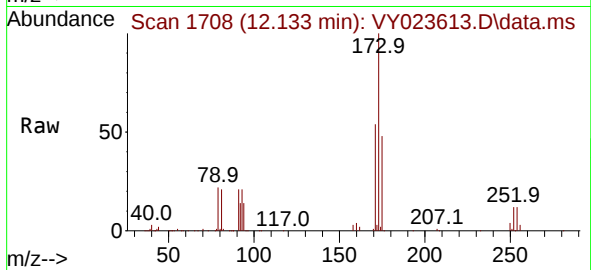
Tgt Ion:173 Resp: 57270
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.8 74.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

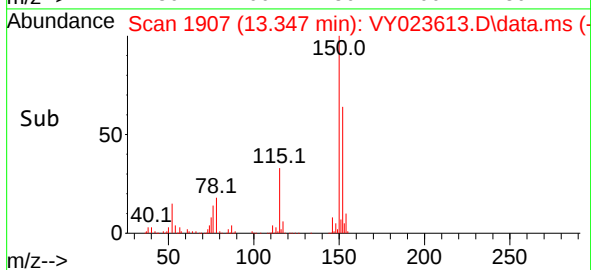
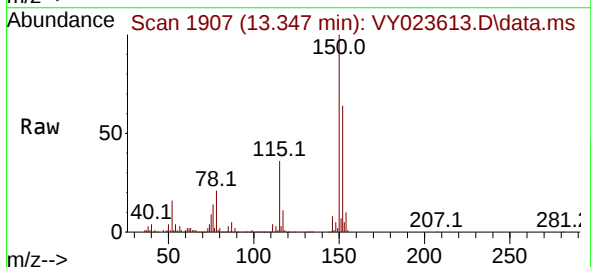
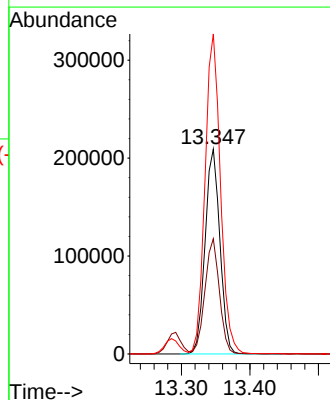
RT: 13.347 min Scan# 1907

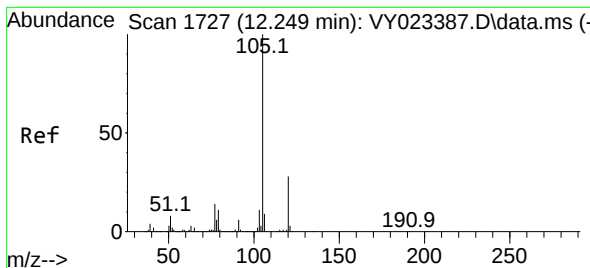
Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Tgt Ion:152 Resp: 314944
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.2
 150 162.5 0.0 347.4





#73

Isopropylbenzene

Concen: 21.743 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion:105 Resp: 451274

Ion Ratio Lower Upper

105 100

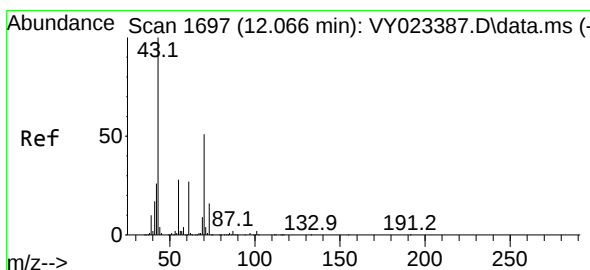
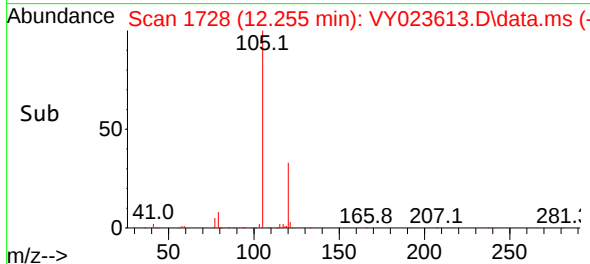
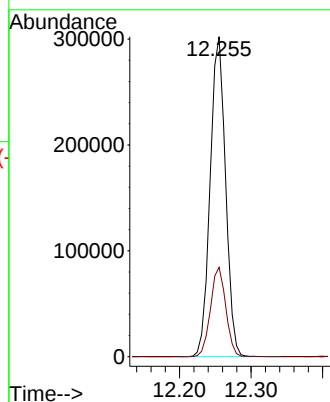
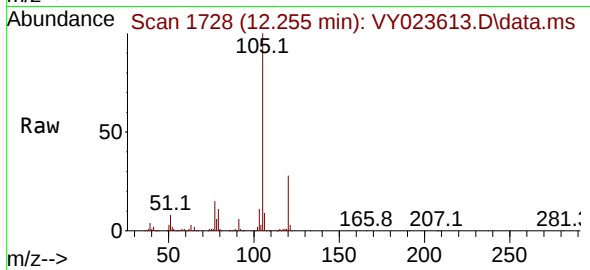
120 27.8 13.9 41.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#74

N-ethyl acetate

Concen: 17.974 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Tgt Ion: 43 Resp: 67006

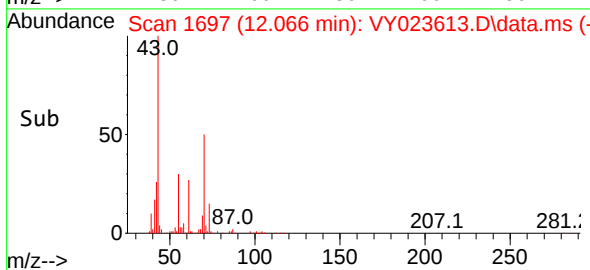
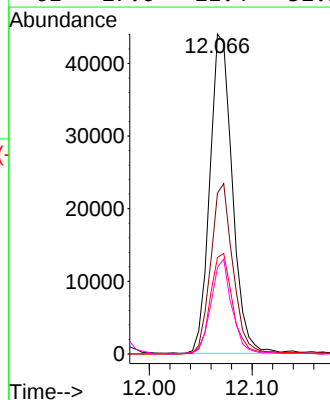
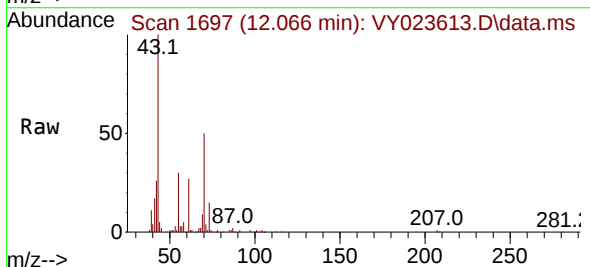
Ion Ratio Lower Upper

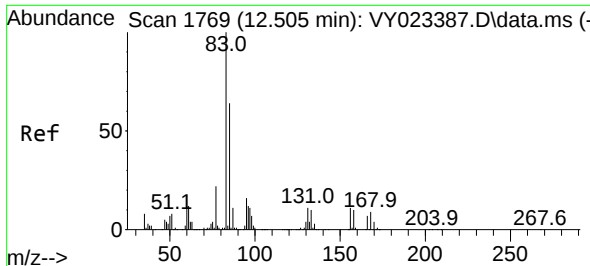
43 100

70 52.8 41.1 61.7

55 31.7 23.0 34.6

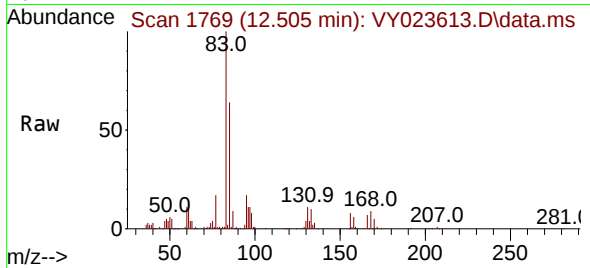
61 27.6 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.735 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

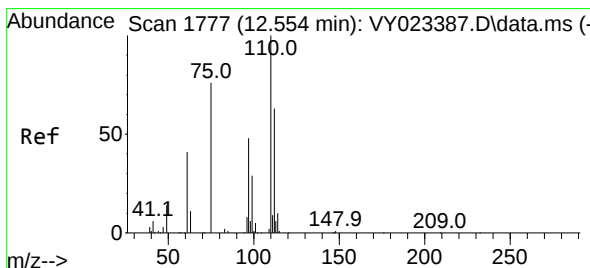
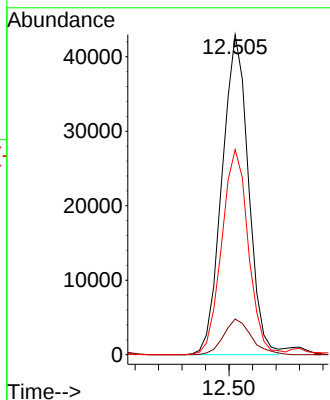
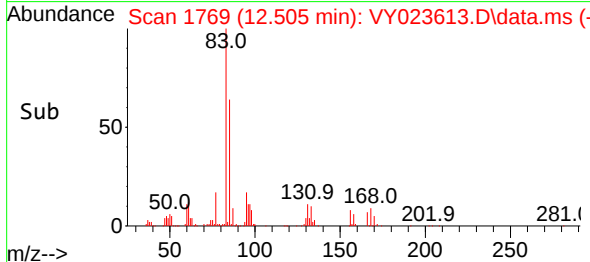
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



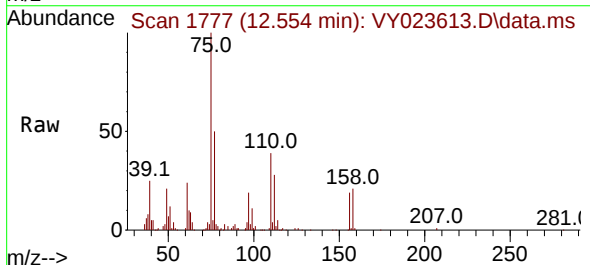
Tgt Ion: 83 Resp: 66992
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 64.7 31.8 95.3

Manual Integrations
APPROVED

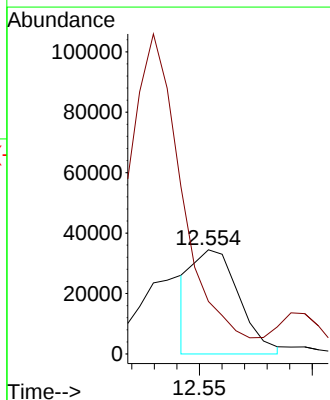
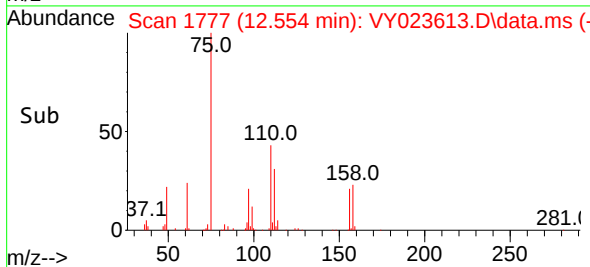
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

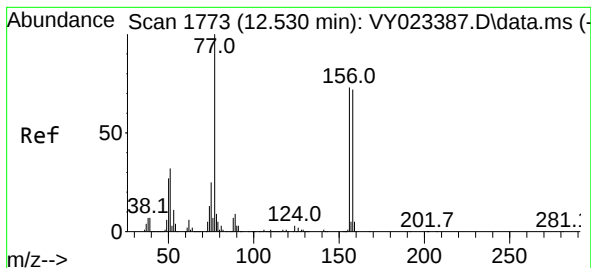


#76
1,2,3-Trichloropropane
Concen: 17.972 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



Tgt Ion: 75 Resp: 49938
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.232 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

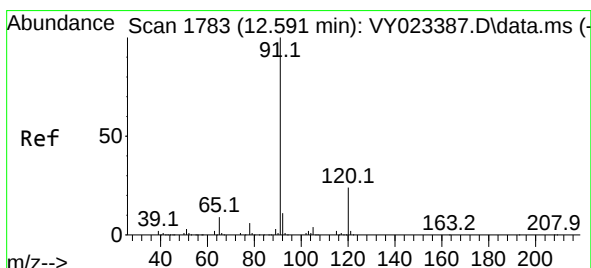
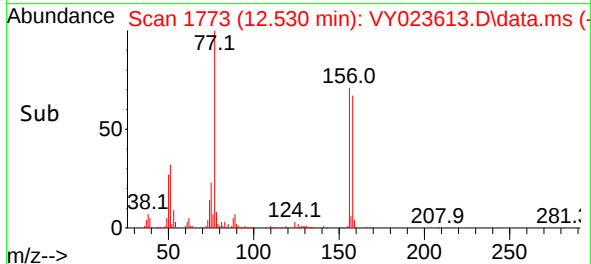
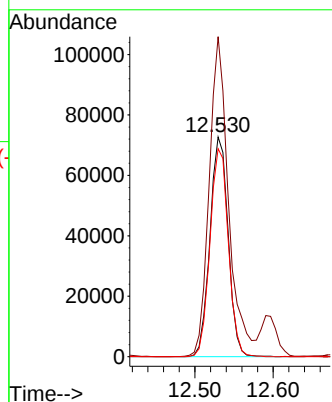
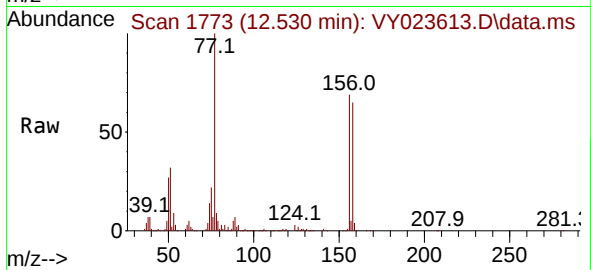
Tgt Ion:	156	Resp:	117150
Ion Ratio	Lower	Upper	
156	100		
77	153.9	76.8	230.5
158	95.4	49.0	147.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#78

n-propylbenzene

Concen: 22.662 ug/l

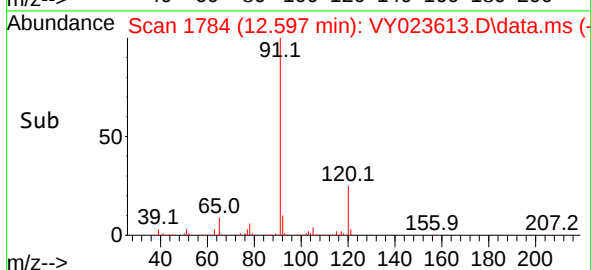
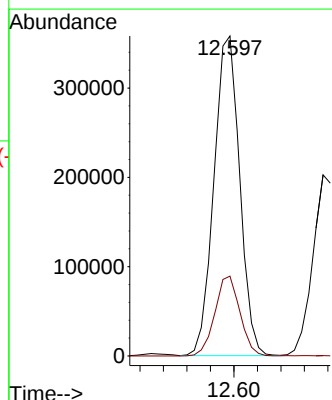
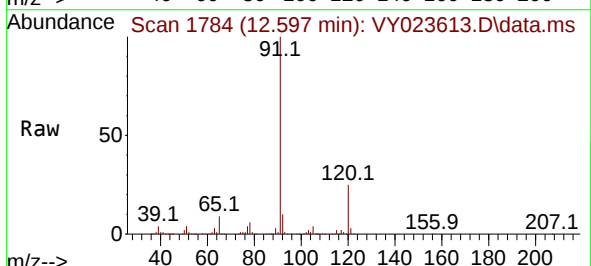
RT: 12.597 min Scan# 1784

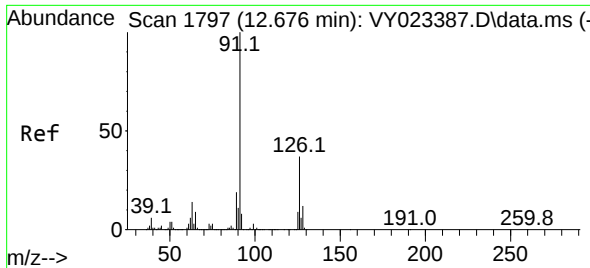
Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

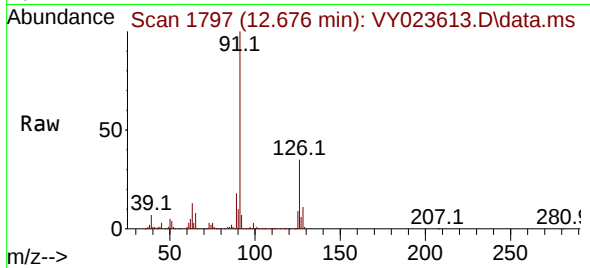
Tgt Ion:	91	Resp:	544309
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.3	36.8





#79
2-Chlorotoluene
Concen: 22.235 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

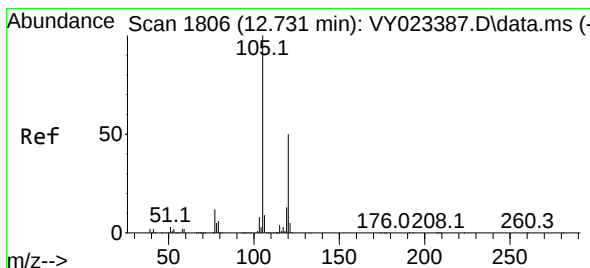
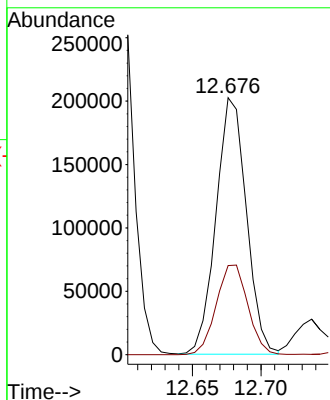
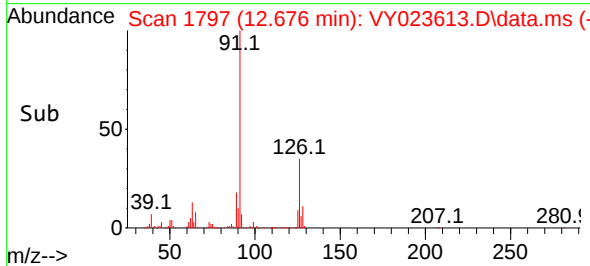
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



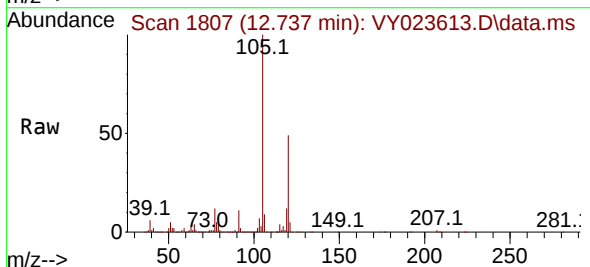
Tgt Ion: 91 Resp: 312730
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5

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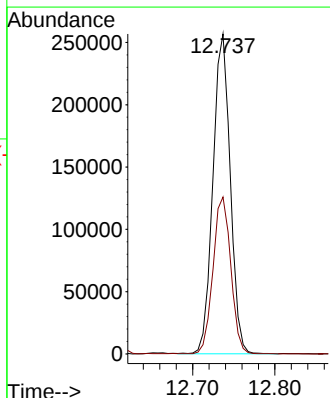
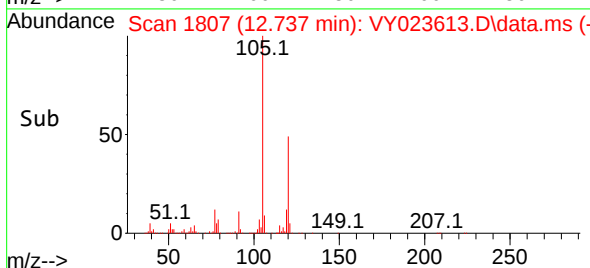
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

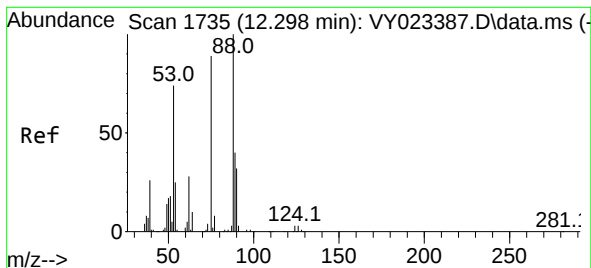


#80
1,3,5-Trimethylbenzene
Concen: 22.377 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



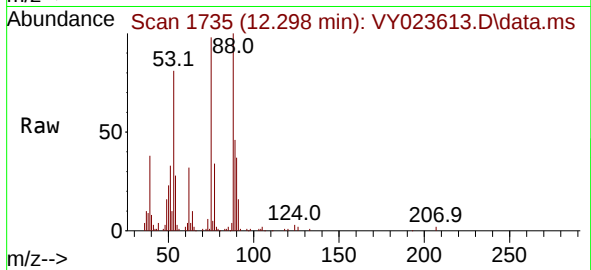
Tgt Ion:105 Resp: 375294
Ion Ratio Lower Upper
105 100
120 50.4 25.4 76.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.625 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

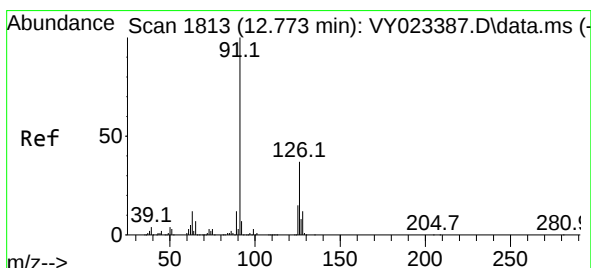
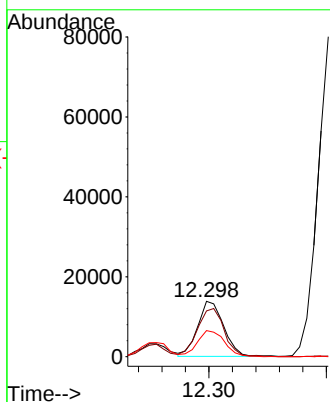
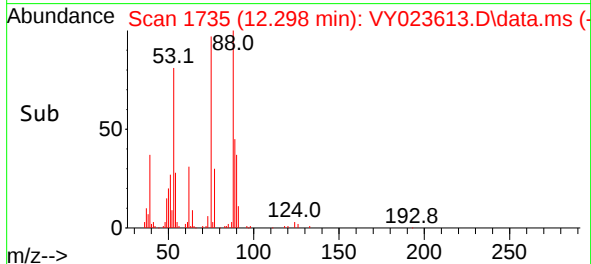
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



Tgt Ion: 75 Resp: 2110
Ion Ratio Lower Upper
75 100
53 91.4 68.6 102.8
89 49.6 39.0 58.4

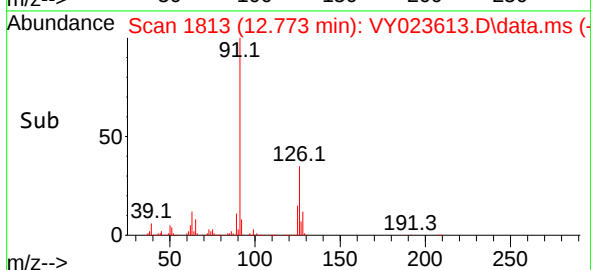
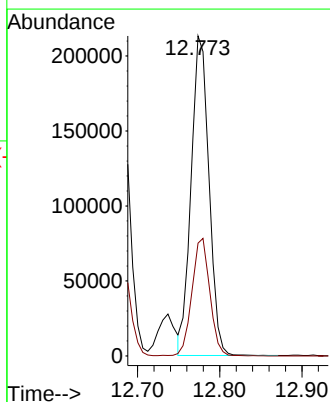
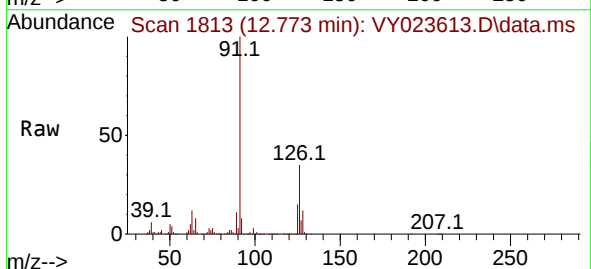
Manual Integrations
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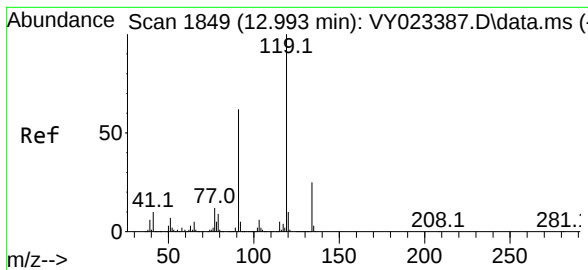
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#82
4-Chlorotoluene
Concen: 22.168 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

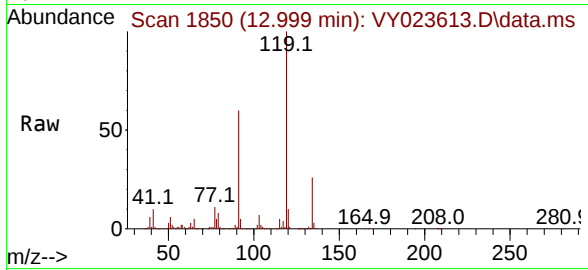
Tgt Ion: 91 Resp: 321101
Ion Ratio Lower Upper
91 100
126 37.1 18.4 55.4





#83
tert-Butylbenzene
Concen: 21.905 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14

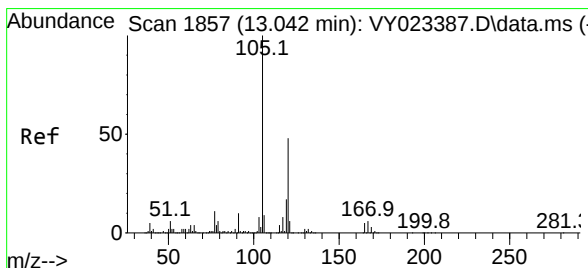
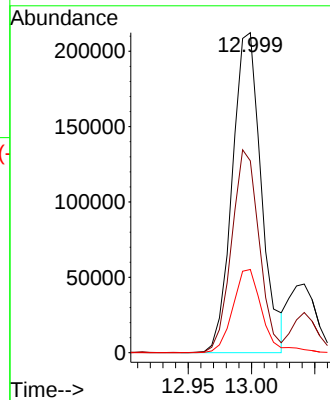
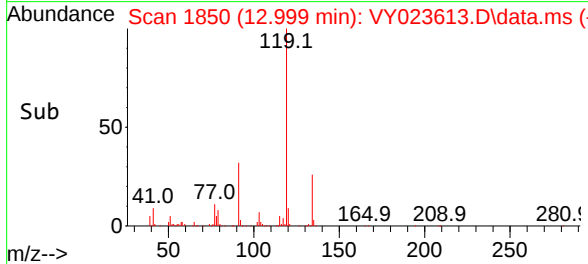
Instrument :
MSVOA_Y
ClientSampleId :
VY1029SBS01



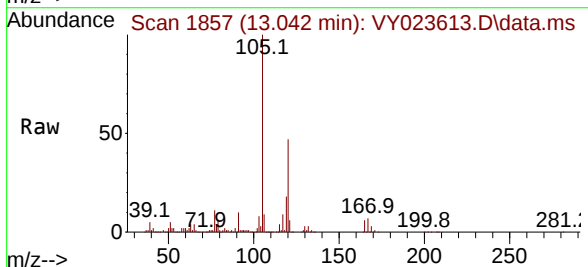
Tgt Ion:119 Resp: 33920
Ion Ratio Lower Upper
119 100
91 60.3 29.9 89.8
134 26.3 12.9 38.7

Manual Integrations
APPROVED

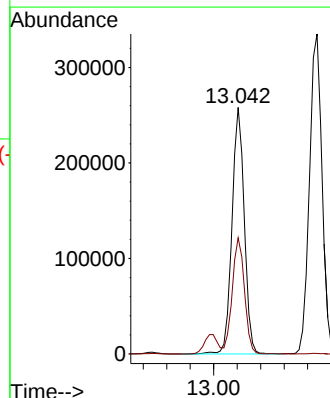
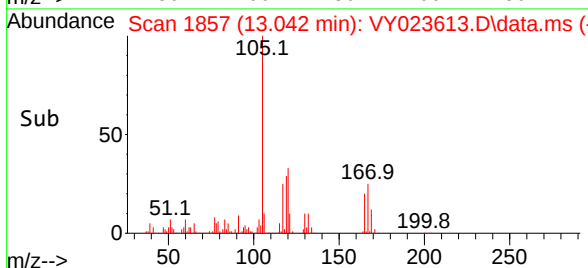
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

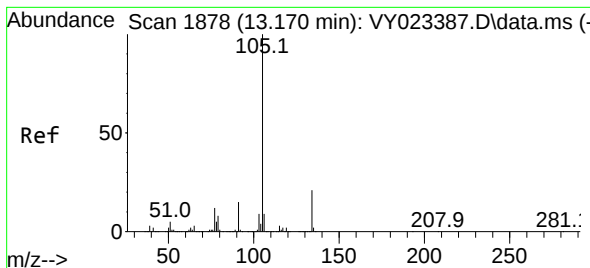


#84
1,2,4-Trimethylbenzene
Concen: 22.425 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023613.D
Acq: 29 Oct 2025 10:14



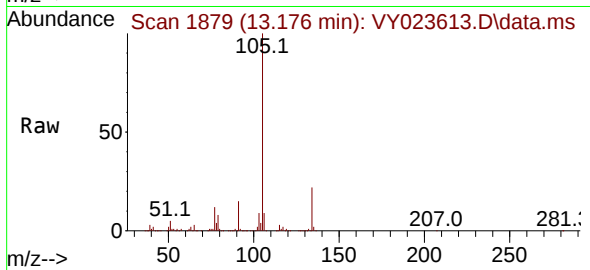
Tgt Ion:105 Resp: 375358
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.2





#85
 sec-Butylbenzene
 Concen: 22.401 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

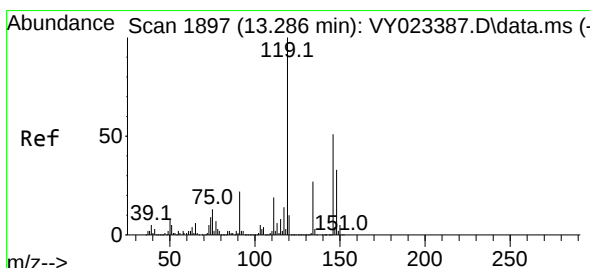
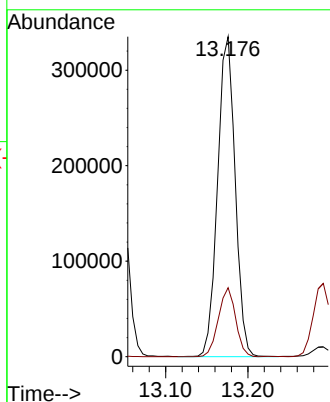
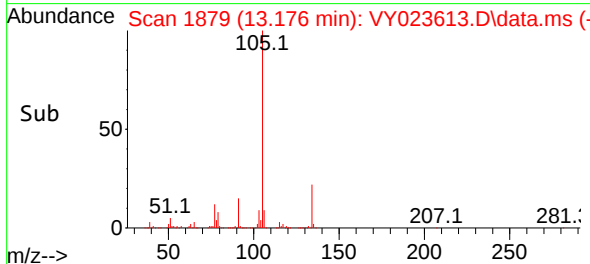
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01



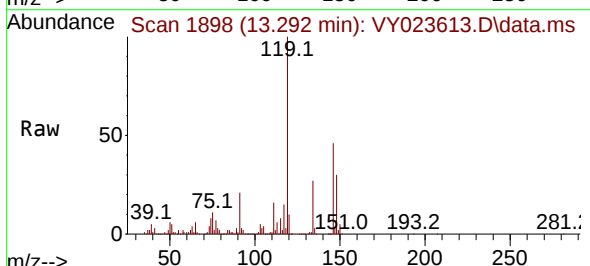
Tgt Ion:105 Resp: 49761
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1

Manual Integrations
 APPROVED

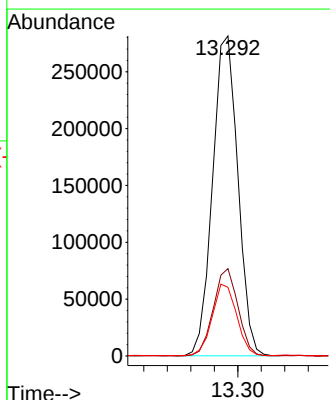
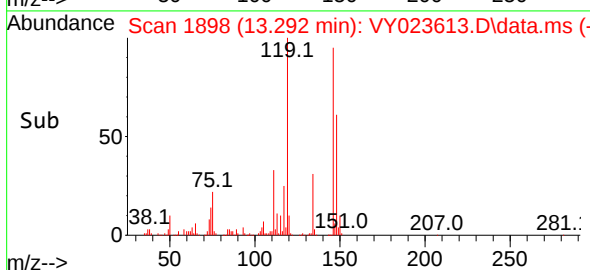
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

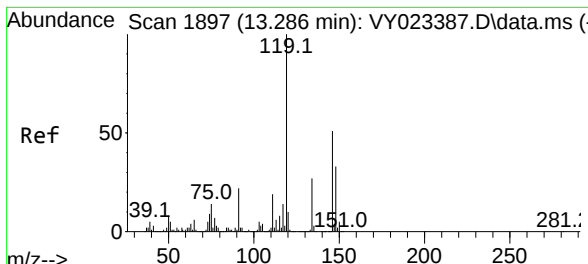


#86
 p-Isopropyltoluene
 Concen: 22.220 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14



Tgt Ion:119 Resp: 420248
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 21.7 10.9 32.9





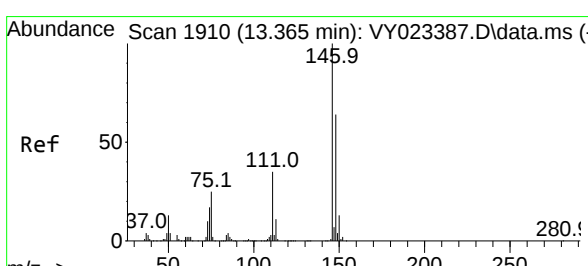
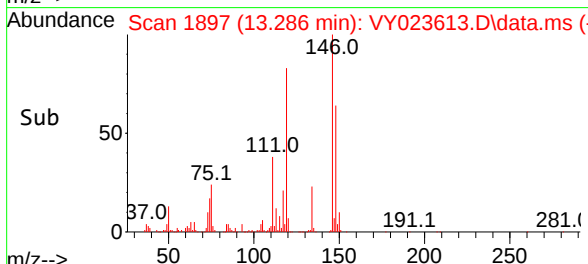
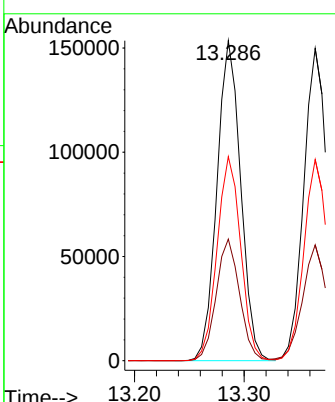
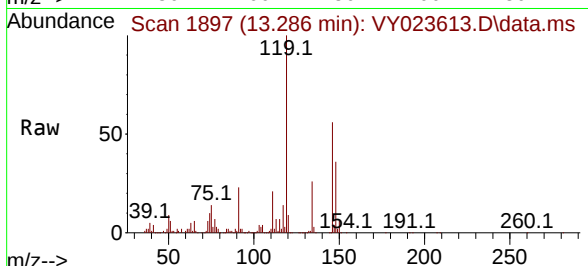
#87
 1,3-Dichlorobenzene
 Concen: 21.525 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Instrument : MSVOA_Y
 ClientSampleId : VY1029SBS01

Tgt Ion:146 Resp: 231288

Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	63.6	31.9	95.9

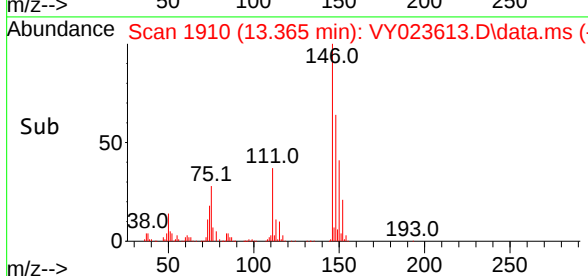
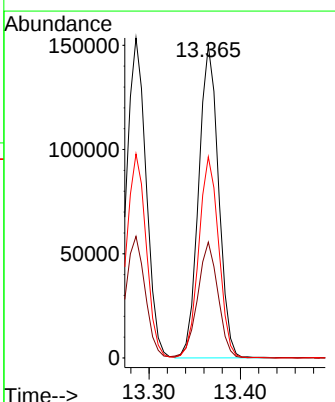
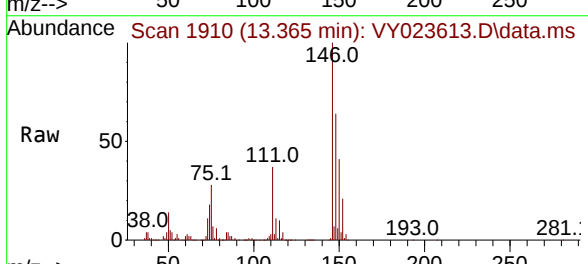
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

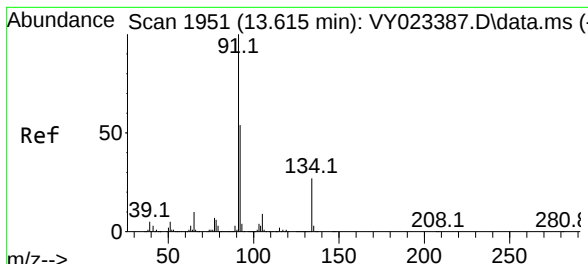


#88
 1,4-Dichlorobenzene
 Concen: 21.326 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Tgt Ion:146 Resp: 226318

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.0	54.0
148	64.4	31.9	95.7





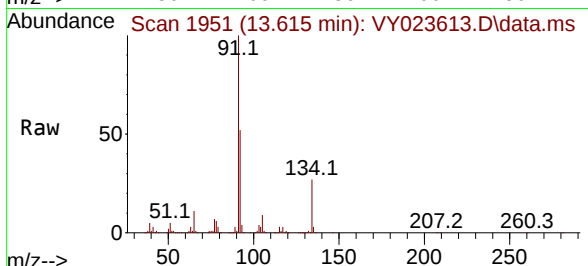
#89
 n-Butylbenzene
 Concen: 21.813 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01



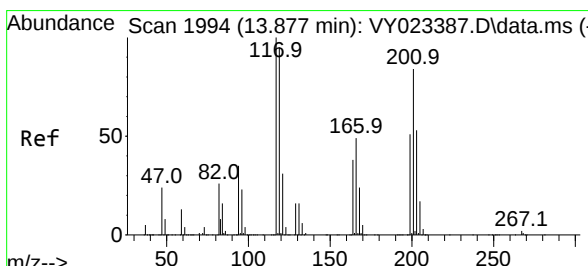
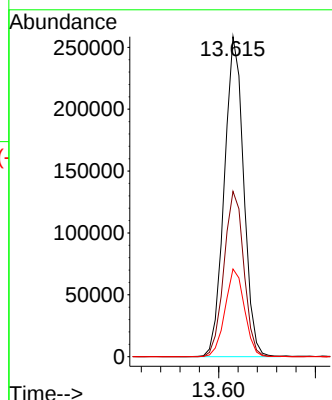
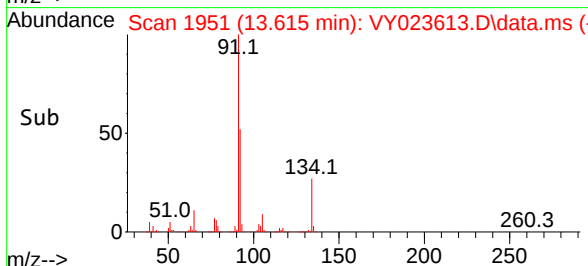
Tgt Ion:	91	Resp:	35946
Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.0	80.8
134	27.5	14.1	42.2

Manual Integrations

APPROVED

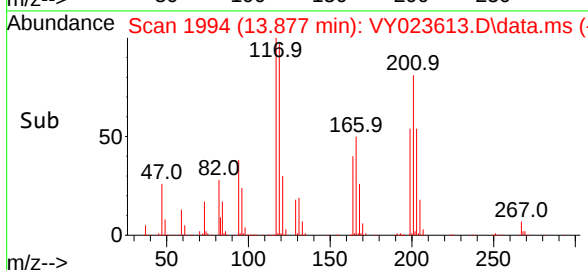
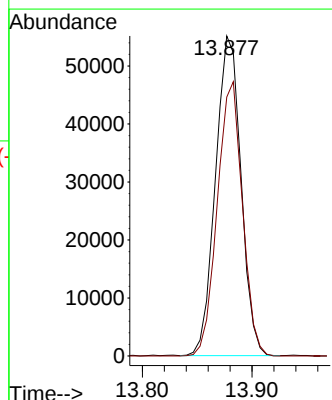
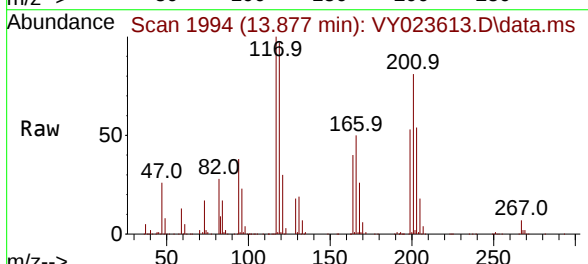
Reviewed By :Amit Patel 10/30/2025

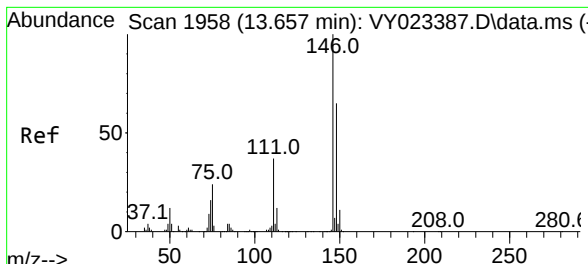
Supervised By :Mahesh Dadoda 10/30/2025



#90
 Hexachloroethane
 Concen: 21.897 ug/l
 RT: 13.877 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Tgt Ion:	117	Resp:	89076
Ion	Ratio	Lower	Upper
117	100		
201	84.5	43.8	131.4



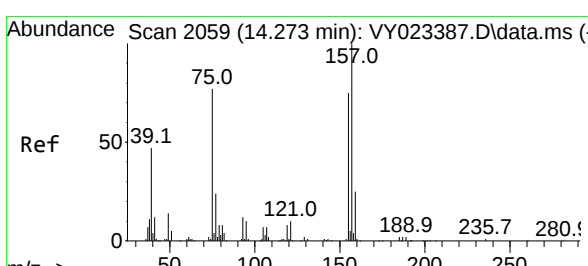
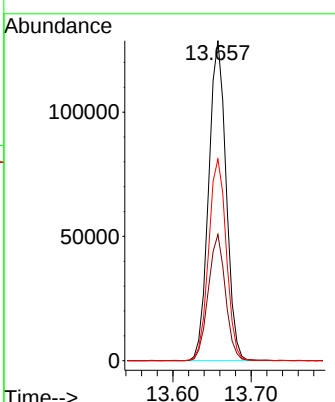
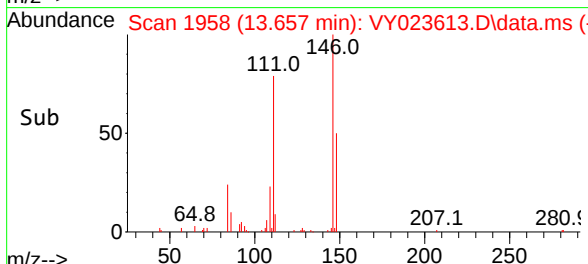
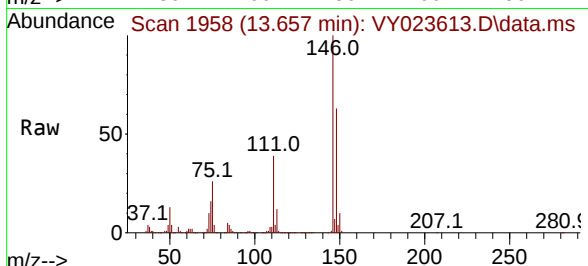


#91
 1,2-Dichlorobenzene
 Concen: 21.165 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Instrument : MSVOA_Y
 ClientSampleId : VY1029SBS01

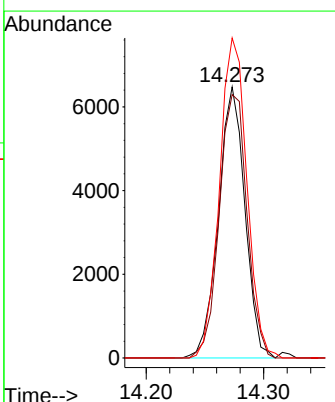
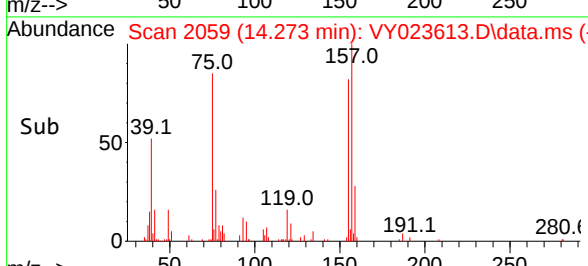
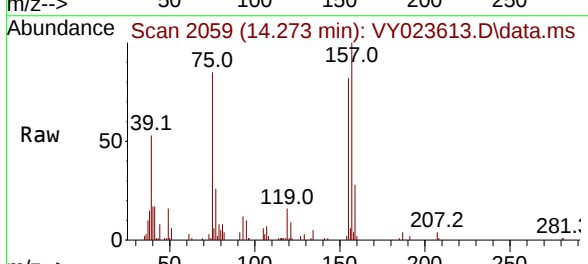
Tgt Ion:	146	Resp:	19938
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.0	57.0
148	63.9	32.1	96.3

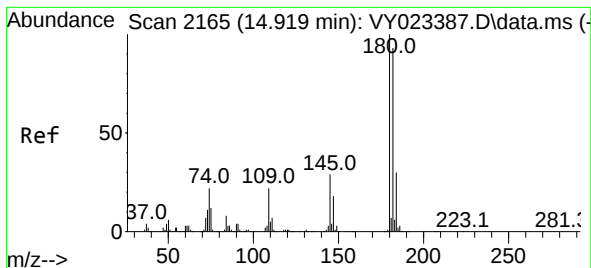
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.176 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023613.D
 Acq: 29 Oct 2025 10:14

Tgt Ion:	75	Resp:	10124
Ion Ratio	Lower	Upper	
75	100		
155	102.1	50.0	150.0
157	122.4	63.8	191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.269 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

Tgt Ion:180 Resp: 11316

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

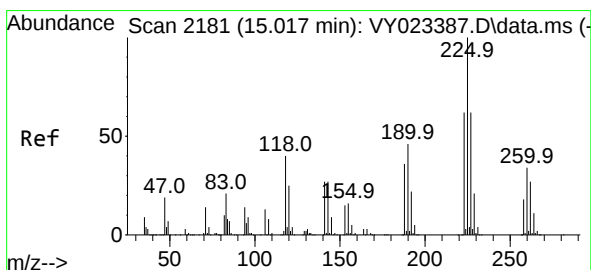
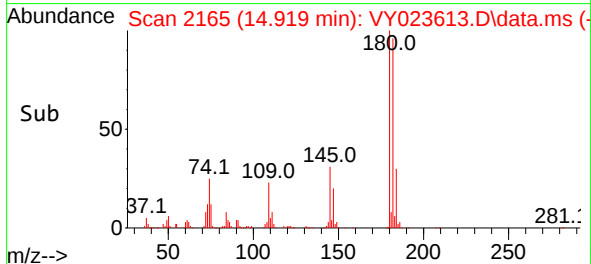
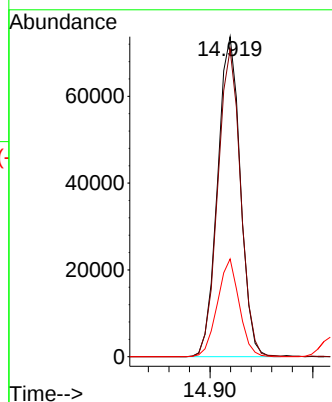
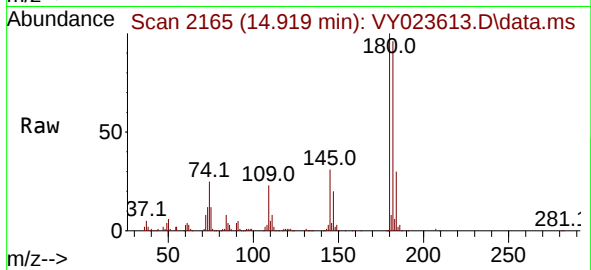
145 29.3 14.7 44.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#94

Hexachlorobutadiene

Concen: 22.078 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

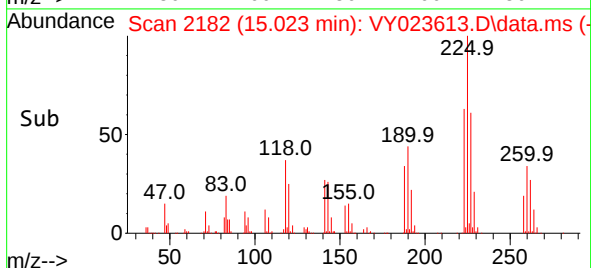
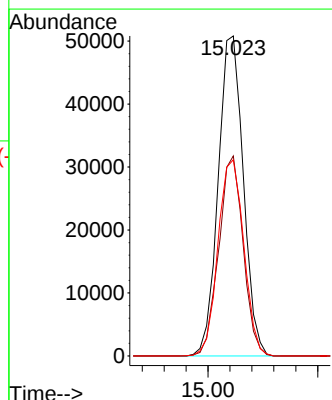
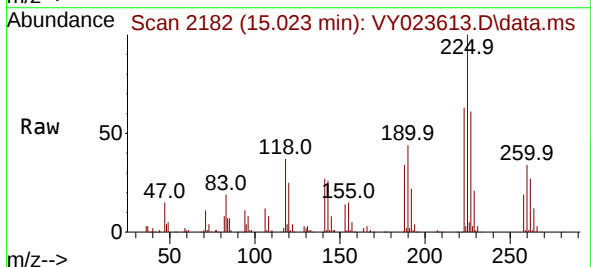
Tgt Ion:225 Resp: 80826

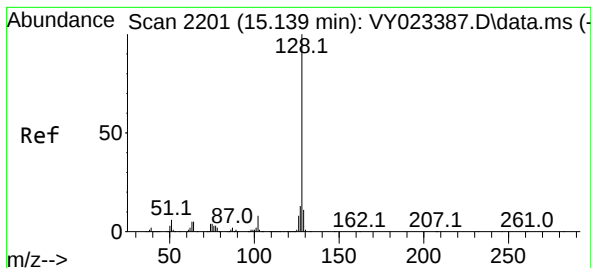
Ion Ratio Lower Upper

225 100

223 60.7 30.8 92.3

227 62.9 31.9 95.7





#95

Naphthalene

Concen: 16.478 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1029SBS01

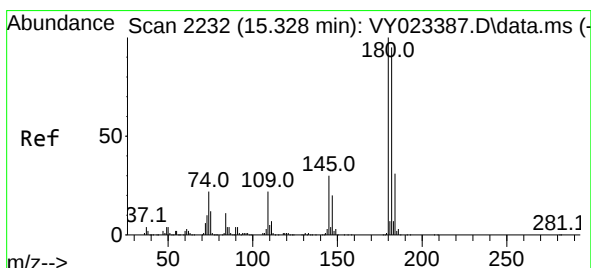
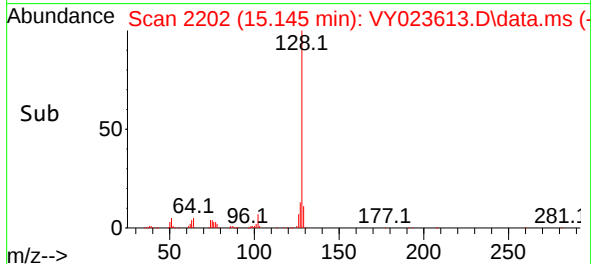
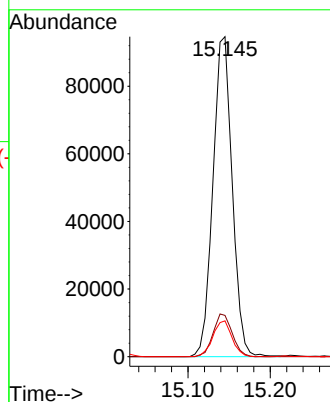
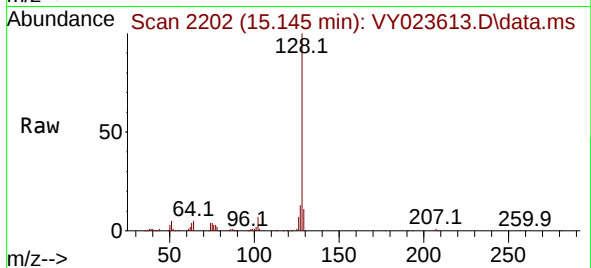
Tgt Ion:128 Resp: 15409
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.554 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023613.D

Acq: 29 Oct 2025 10:14

Tgt Ion:180 Resp: 94384
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.9 143.8
 145 31.3 15.3 45.9

