

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023140.D
 Acq On : 19 Aug 2025 10:42
 Operator : SY/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 20 01:25:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	517578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	818799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	712593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	351390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227323	46.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.160%
35) Dibromofluoromethane	7.634	113	233145	47.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.103	98	927285	48.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.401	95	288067	46.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89236	21.122	ug/l	98
3) Chloromethane	2.068	50	132388	19.347	ug/l	99
4) Vinyl Chloride	2.202	62	171181	20.238	ug/l	99
5) Bromomethane	2.592	94	135998	21.529	ug/l	98
6) Chloroethane	2.732	64	114583	20.376	ug/l	98
7) Trichlorofluoromethane	3.056	101	211631	20.576	ug/l	98
8) Diethyl Ether	3.452	74	52093	19.144	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	106851	21.058	ug/l	98
10) Methyl Iodide	4.007	142	111681	20.397	ug/l	100
11) Tert butyl alcohol	4.860	59	30321	89.708	ug/l	98
12) 1,1-Dichloroethene	3.787	96	103385	20.728	ug/l	97
13) Acrolein	3.647	56	35966	72.659	ug/l	99
14) Allyl chloride	4.378	41	136871	18.650	ug/l	97
15) Acrylonitrile	5.061	53	102624	92.765	ug/l	99
16) Acetone	3.866	43	111533	104.365	ug/l	94
17) Carbon Disulfide	4.104	76	322174	19.811	ug/l	100
18) Methyl Acetate	4.385	43	55681	17.509	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	252503	19.537	ug/l	96
20) Methylene Chloride	4.610	84	117942	19.585	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	113075	20.174	ug/l	95
22) Diisopropyl ether	6.018	45	306183	19.199	ug/l	94
23) Vinyl Acetate	5.957	43	822478	93.270	ug/l	98
24) 1,1-Dichloroethane	5.915	63	195367	20.037	ug/l	98
25) 2-Butanone	6.896	43	142067	97.745	ug/l	97
26) 2,2-Dichloropropane	6.884	77	174925	20.792	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	133374	20.583	ug/l	95
28) Bromochloromethane	7.244	49	75405	19.493	ug/l	96
29) Tetrahydrofuran	7.262	42	83508	92.691	ug/l	99
30) Chloroform	7.421	83	205577	20.444	ug/l	97
31) Cyclohexane	7.701	56	177913	19.364	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	183801	20.600	ug/l	99
36) 1,1-Dichloropropene	7.835	75	148907	20.451	ug/l	99
37) Ethyl Acetate	6.982	43	57496	18.798	ug/l	98
38) Carbon Tetrachloride	7.817	117	166508	21.055	ug/l	97
39) Methylcyclohexane	9.109	83	193301	20.160	ug/l	98
40) Benzene	8.079	78	458105	20.413	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32033m	18.147	ug/l	
42) 1,2-Dichloroethane	8.158	62	117549	20.140	ug/l	100
43) Isopropyl Acetate	8.195	43	110864	17.933	ug/l #	82
44) Trichloroethene	8.865	130	123853	21.356	ug/l	99
45) 1,2-Dichloropropane	9.140	63	104138	20.167	ug/l	98
46) Dibromomethane	9.231	93	60685	20.476	ug/l	100
47) Bromodichloromethane	9.426	83	154294	20.232	ug/l	100
48) Methyl methacrylate	9.219	41	53715	18.158	ug/l	96
49) 1,4-Dioxane	9.231	88	12643	363.816	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	293540	92.052	ug/l	100
52) Toluene	10.170	92	297560	20.876	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	137297	19.881	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	162867	19.944	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	80753	20.362	ug/l	96
56) Ethyl methacrylate	10.438	69	96390	18.994	ug/l	97
57) 1,3-Dichloropropane	10.719	76	134934	20.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	226996	94.830	ug/l	97
59) 2-Hexanone	10.761	43	207790	95.694	ug/l	99
60) Dibromochloromethane	10.908	129	106952	20.438	ug/l	99
61) 1,2-Dibromoethane	11.018	107	74607	20.016	ug/l	99
64) Tetrachloroethene	10.646	164	150882	23.712	ug/l	99
65) Chlorobenzene	11.438	112	321766	20.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	107743	20.654	ug/l	98
67) Ethyl Benzene	11.517	91	536453	20.281	ug/l	98
68) m/p-Xylenes	11.627	106	426776	41.310	ug/l	99
69) o-Xylene	11.950	106	198012	20.464	ug/l	99
70) Styrene	11.969	104	328722	20.774	ug/l	99
71) Bromoform	12.127	173	59992	19.677	ug/l #	98
73) Isopropylbenzene	12.255	105	515167	20.772	ug/l	100
74) N-amyl acetate	12.066	43	95001	18.063	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	76121	17.976	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	70701m	20.848	ug/l	
77) Bromobenzene	12.529	156	122602	20.721	ug/l	98
78) n-propylbenzene	12.590	91	624469	21.149	ug/l	100
79) 2-Chlorotoluene	12.676	91	347424	20.536	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	419347	20.922	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	26461	18.888	ug/l	99
82) 4-Chlorotoluene	12.773	91	359924	20.508	ug/l	98
83) tert-Butylbenzene	12.993	119	378882	20.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	418193	20.959	ug/l	99
85) sec-Butylbenzene	13.170	105	557566	20.967	ug/l	100
86) p-Isopropyltoluene	13.292	119	464251	21.032	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	242365	20.772	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	238568	20.612	ug/l	98
89) n-Butylbenzene	13.615	91	426296	21.027	ug/l	99
90) Hexachloroethane	13.877	117	96348	21.322	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	210993	20.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12876	19.529	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	122842	20.300	ug/l	98
94) Hexachlorobutadiene	15.023	225	73904	20.784	ug/l	99
95) Naphthalene	15.139	128	200198	19.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	104481	20.037	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
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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

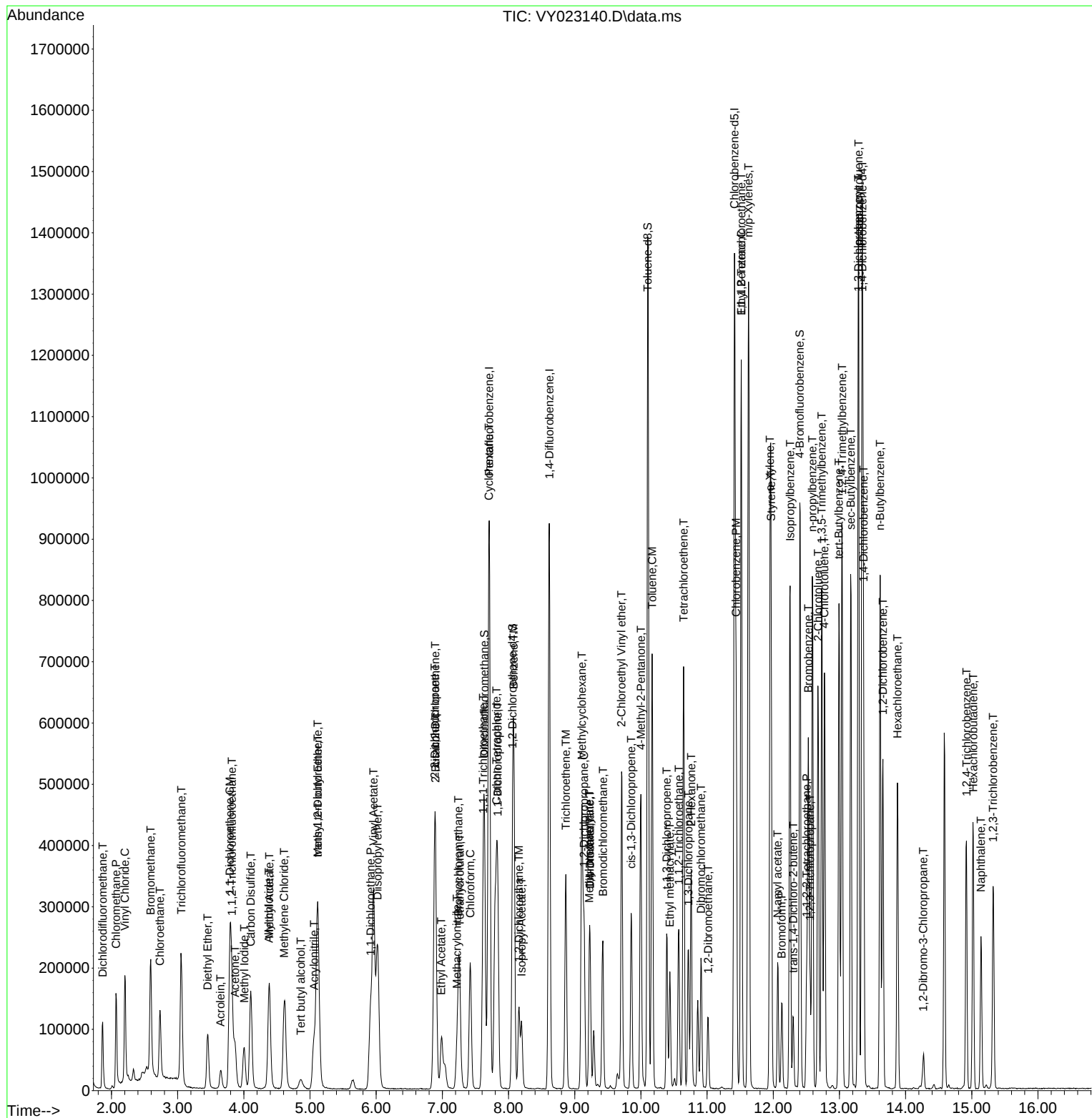
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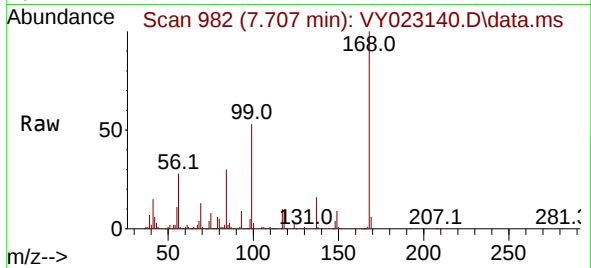
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023140.D
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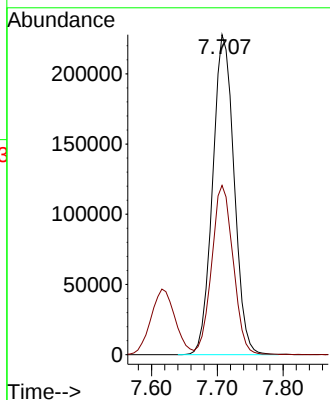
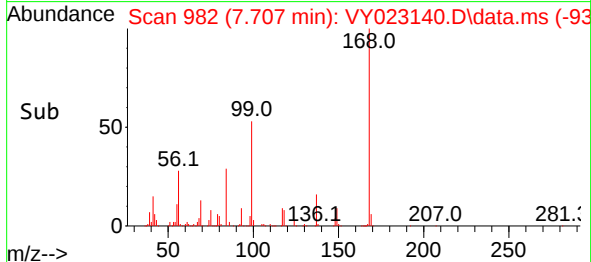
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



Tgt Ion:168 Resp: 517578
Ion Ratio Lower Upper
168 100
99 52.8 42.8 64.2

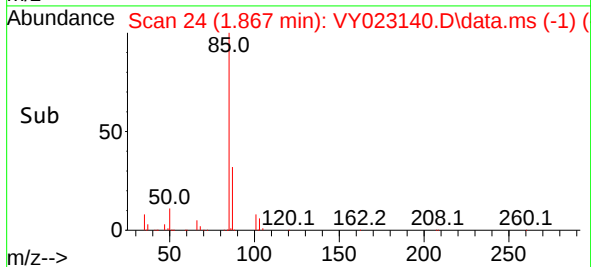
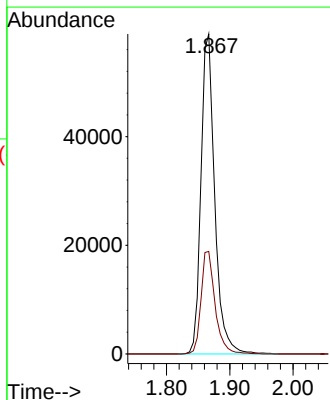
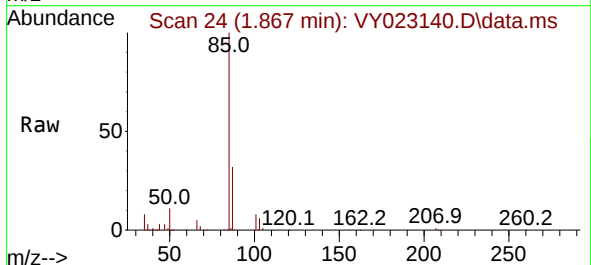
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#2
Dichlorodifluoromethane
Concen: 21.122 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

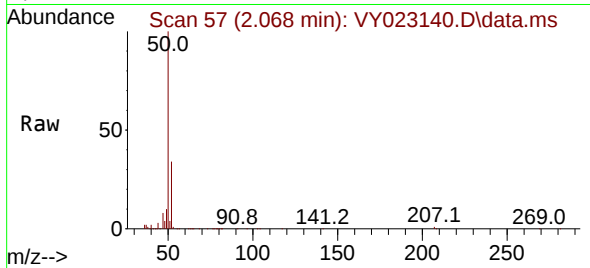
Tgt Ion: 85 Resp: 89236
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





#3
Chloromethane
Concen: 19.347 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

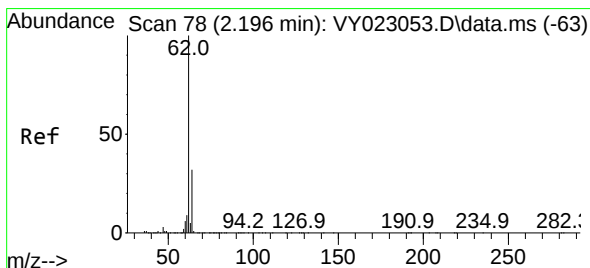
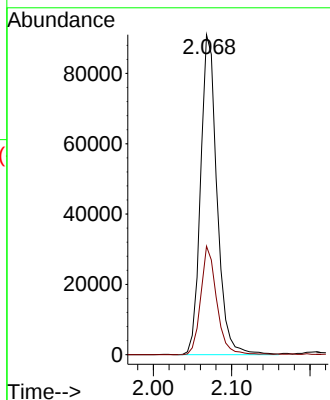
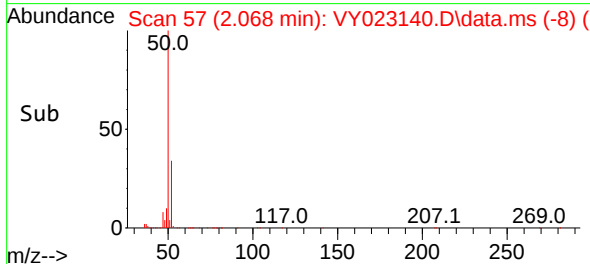
Instrument :
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ClientSampleId :
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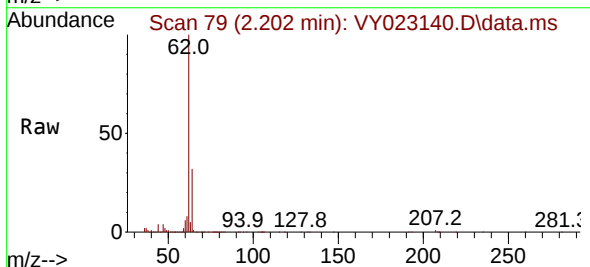
Tgt Ion: 50 Resp: 13238
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1

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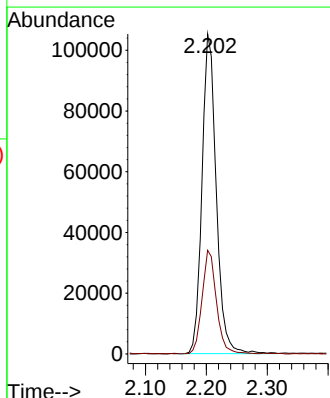
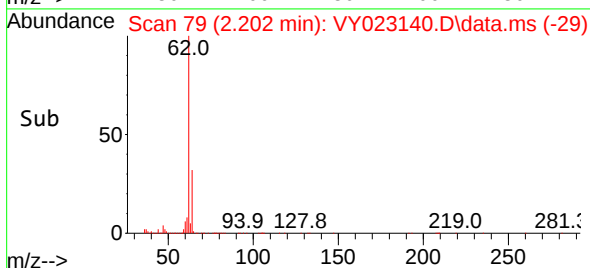
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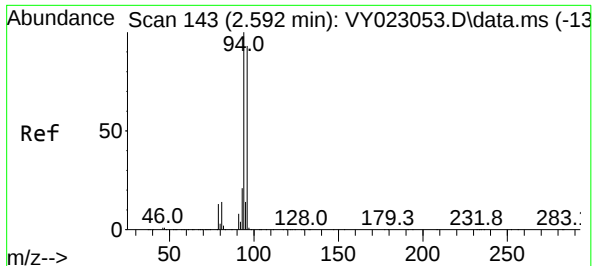


#4
Vinyl Chloride
Concen: 20.238 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



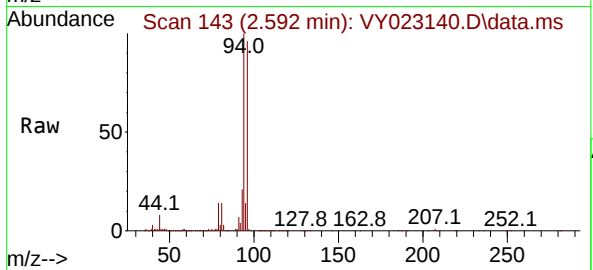
Tgt Ion: 62 Resp: 171181
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 21.529 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

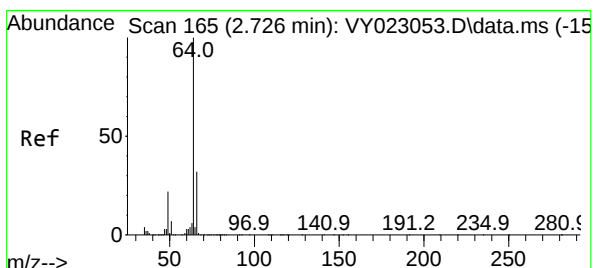
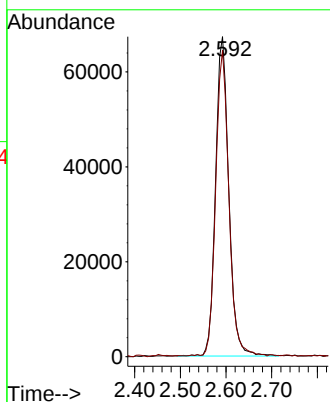
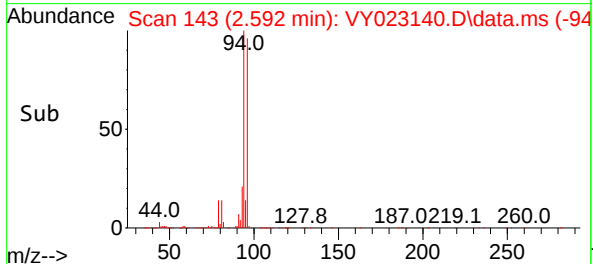
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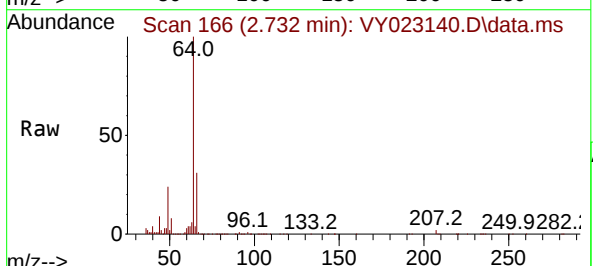
Tgt Ion: 94 Resp: 135998
Ion Ratio Lower Upper
94 100
96 95.6 74.6 112.0

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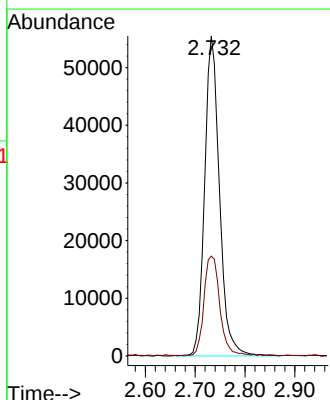
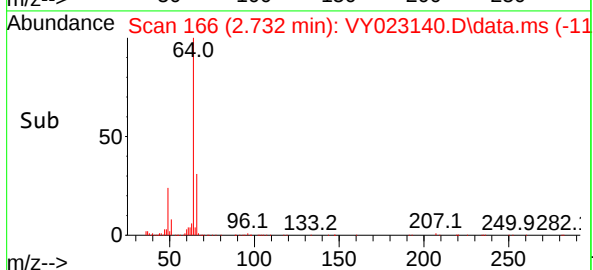
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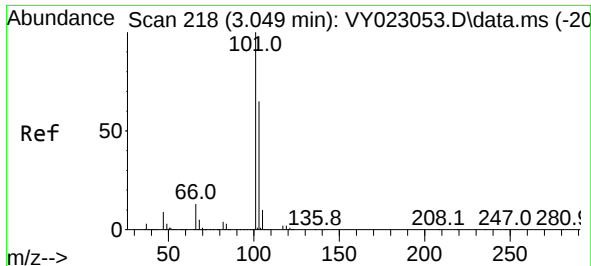


#6
Chloroethane
Concen: 20.376 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



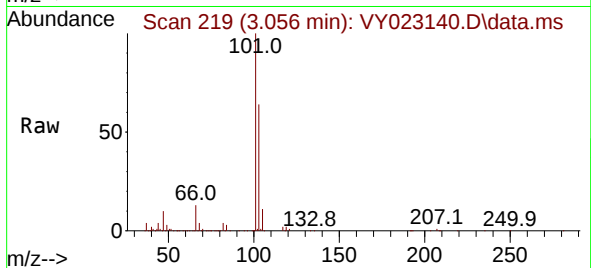
Tgt Ion: 64 Resp: 114583
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.6





#7
Trichlorofluoromethane
Concen: 20.576 ug/l
RT: 3.056 min Scan# 21163
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

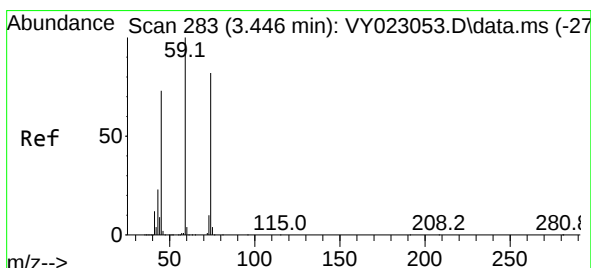
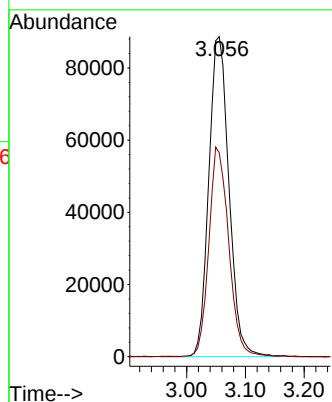
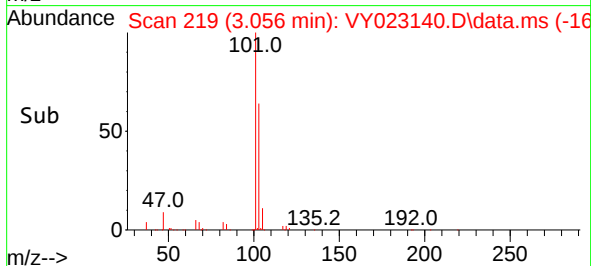
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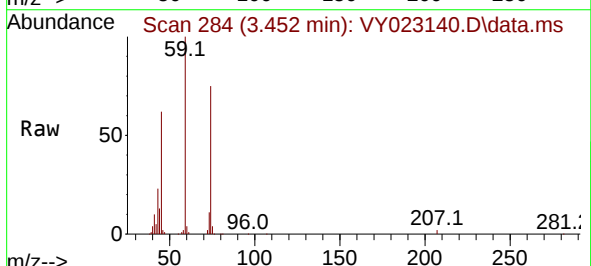
Tgt Ion:101 Resp: 21163
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9

Manual Integrations
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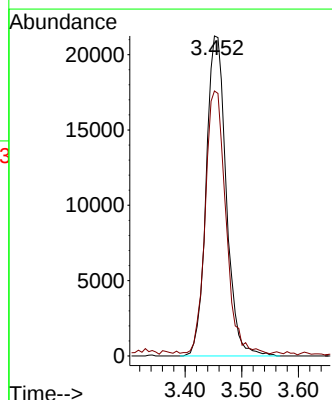
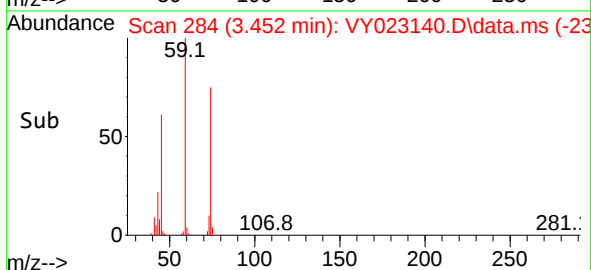
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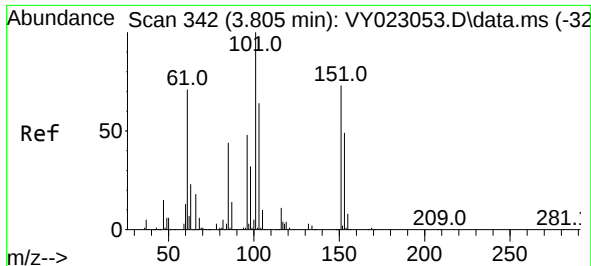


#8
Diethyl Ether
Concen: 19.144 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023140.D
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Tgt Ion: 74 Resp: 52093
Ion Ratio Lower Upper
74 100
45 84.0 44.4 133.2





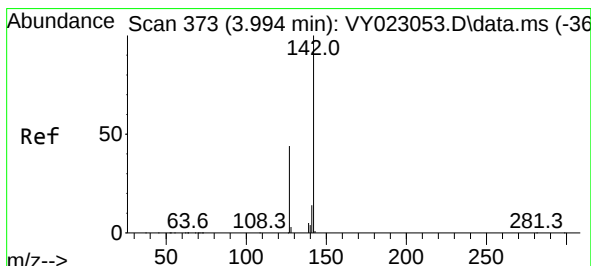
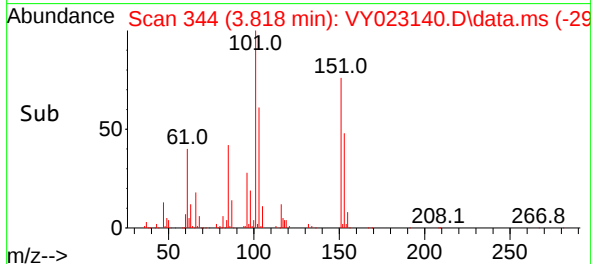
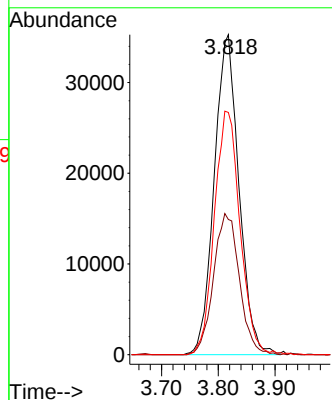
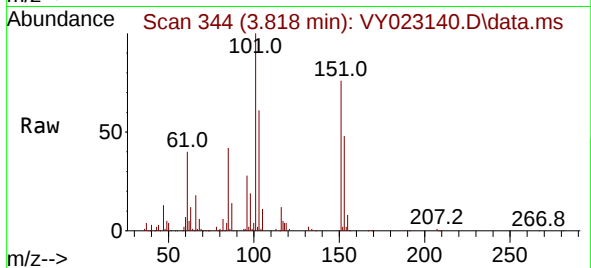
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.058 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:101 Resp: 10685
Ion Ratio Lower Upper
101 100
85 46.2 36.3 54.5
151 79.2 61.5 92.3

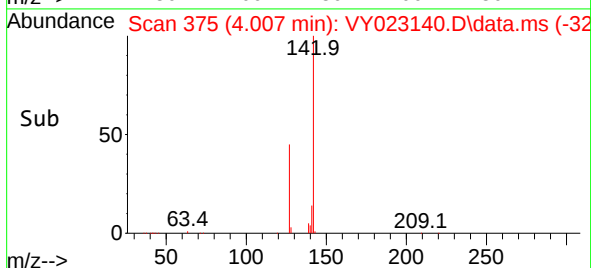
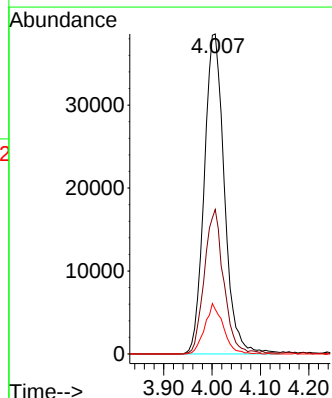
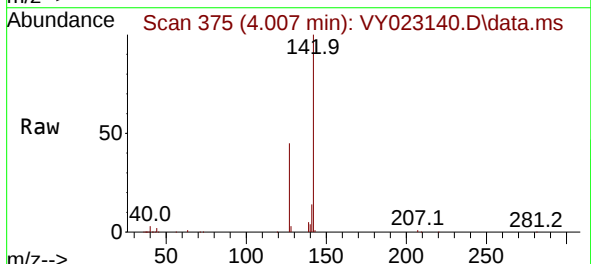
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 20.397 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

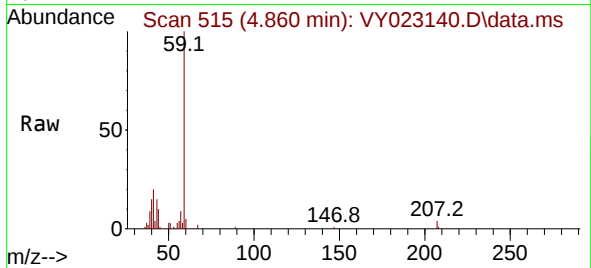
Tgt Ion:142 Resp: 111681
Ion Ratio Lower Upper
142 100
127 43.8 34.9 52.3
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 89.708 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

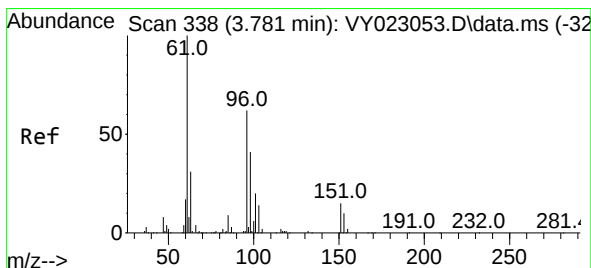
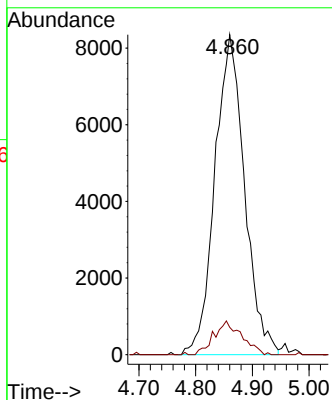
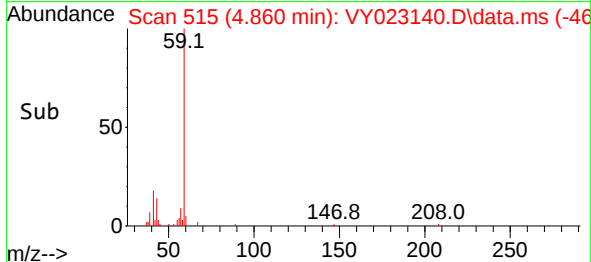
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



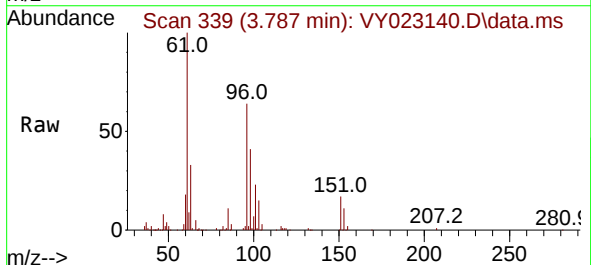
Tgt Ion: 59 Resp: 3032
Ion Ratio Lower Upper
59 100
57 9.9 8.6 13.0

Manual Integrations
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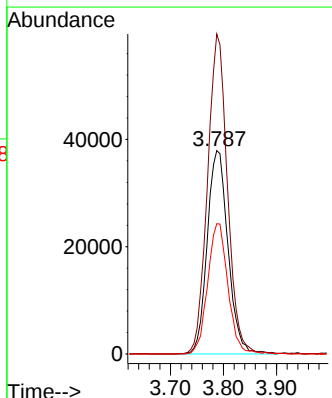
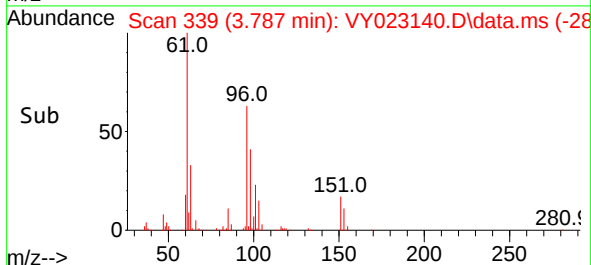
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#12
1,1-Dichloroethene
Concen: 20.728 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



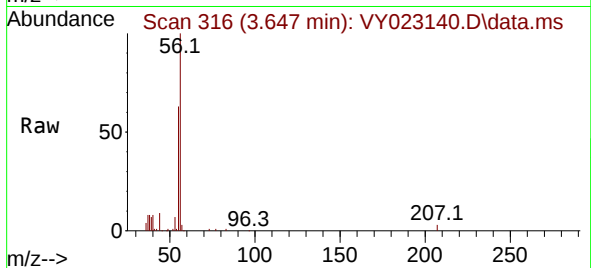
Tgt Ion: 96 Resp: 103385
Ion Ratio Lower Upper
96 100
61 157.1 129.4 194.2
98 64.0 52.8 79.2





#13
Acrolein
Concen: 72.659 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

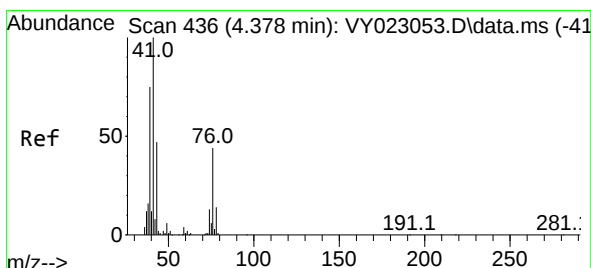
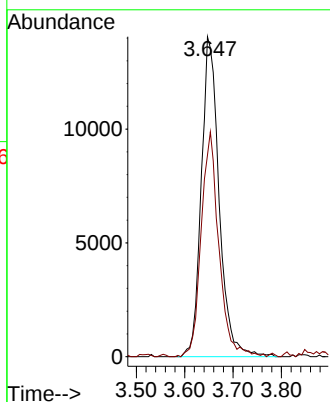
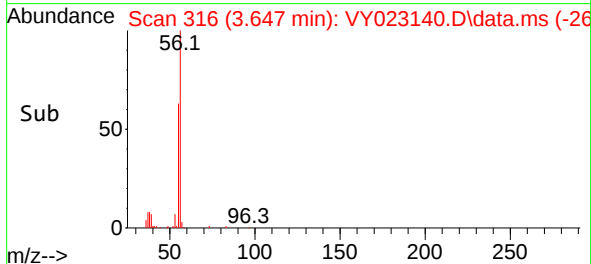
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



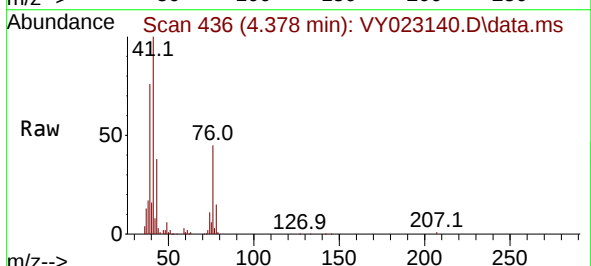
Tgt Ion: 56 Resp: 35960
Ion Ratio Lower Upper
56 100
55 69.9 55.2 82.8

Manual Integrations
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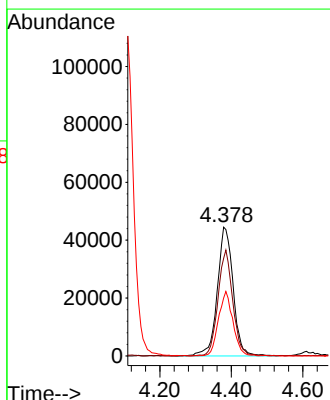
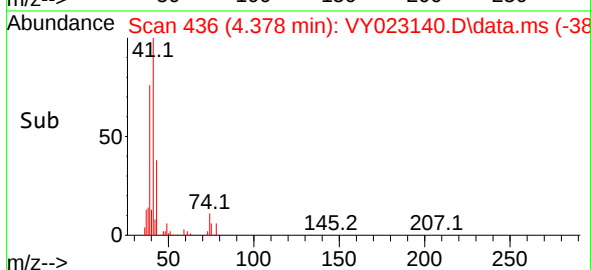
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

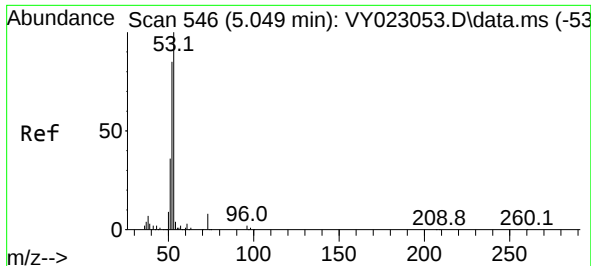


#14
Allyl chloride
Concen: 18.650 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



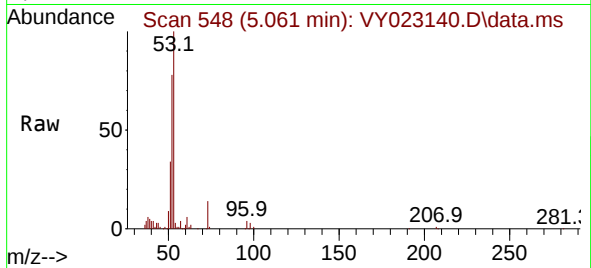
Tgt Ion: 41 Resp: 136871
Ion Ratio Lower Upper
41 100
39 76.3 59.8 89.6
76 45.7 33.7 50.5





#15
Acrylonitrile
Concen: 92.765 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

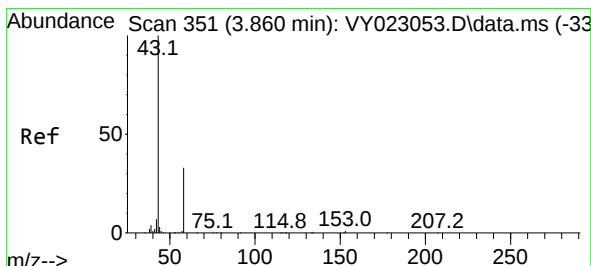
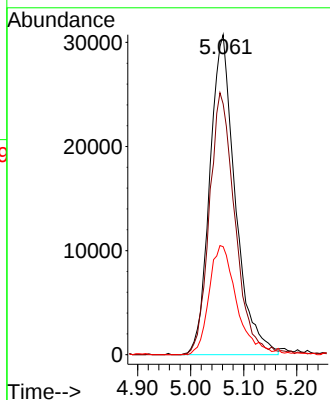
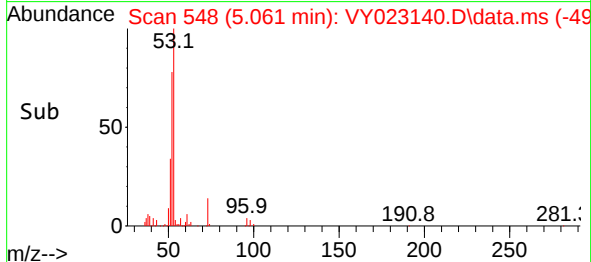
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



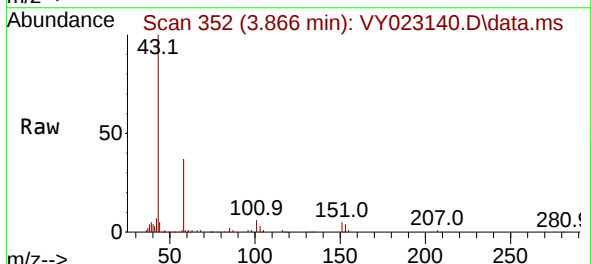
Tgt Ion: 53 Resp: 102624
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.8 29.5 44.3

Manual Integrations
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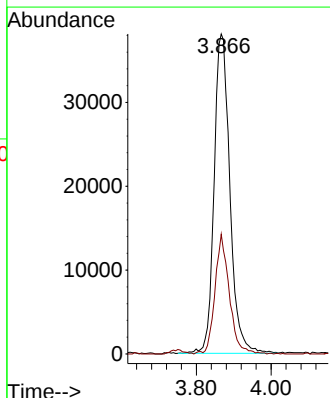
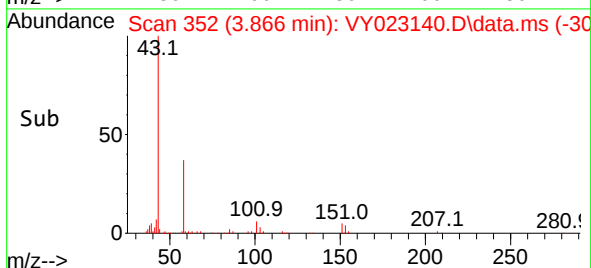
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

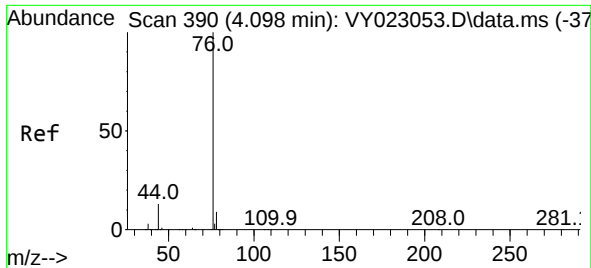


#16
Acetone
Concen: 104.365 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



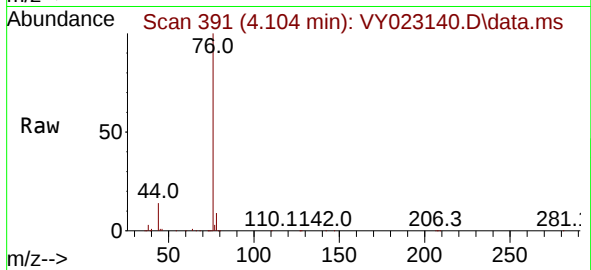
Tgt Ion: 43 Resp: 111533
Ion Ratio Lower Upper
43 100
58 37.3 27.1 40.7





#17
Carbon Disulfide
Concen: 19.811 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

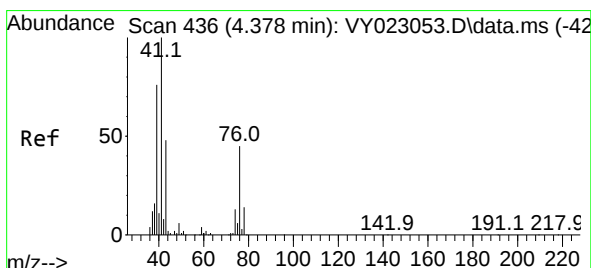
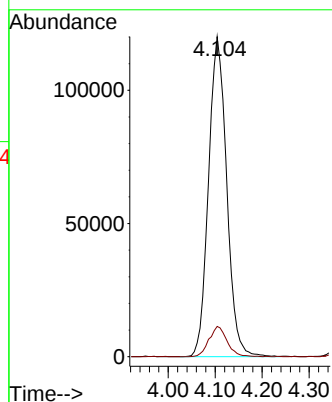
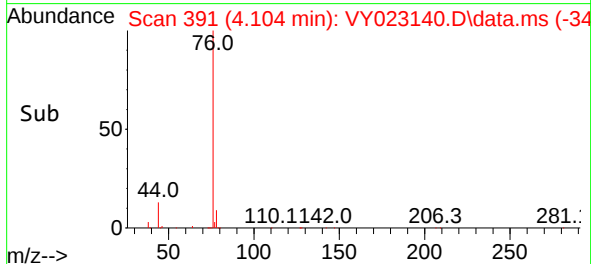
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



Tgt Ion: 76 Resp: 322174
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

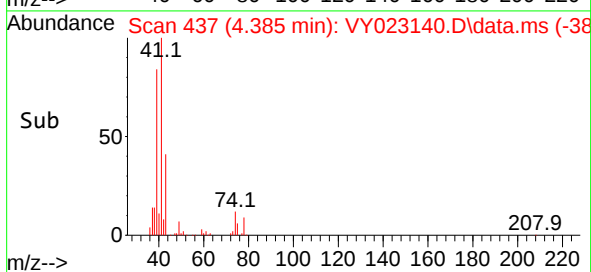
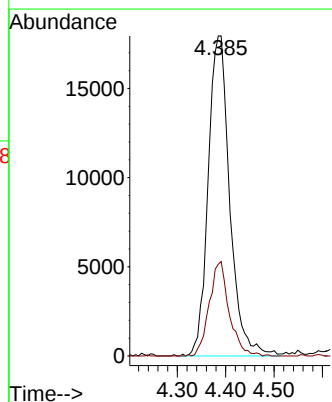
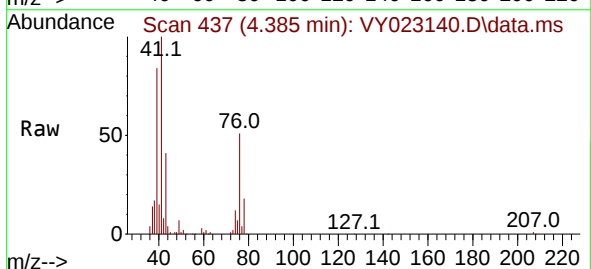
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 17.509 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

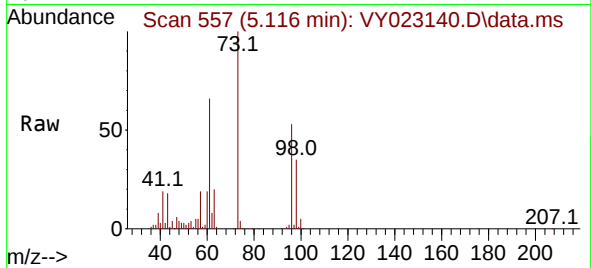
Tgt Ion: 43 Resp: 55681
Ion Ratio Lower Upper
43 100
74 27.2 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 19.537 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

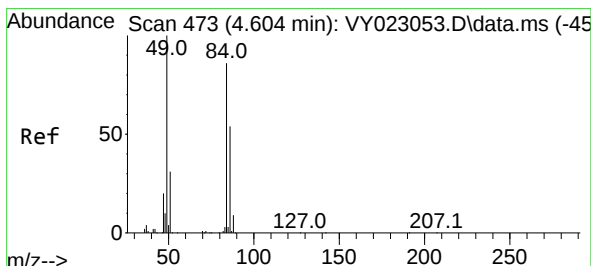
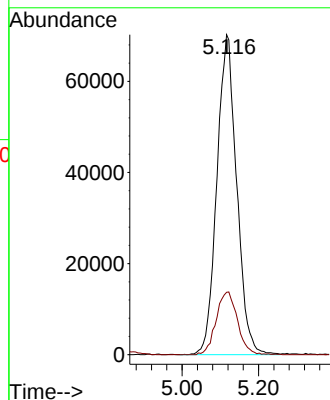
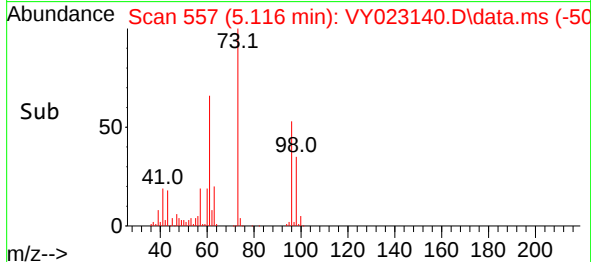
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



Tgt Ion: 73 Resp: 25250
Ion Ratio Lower Upper
73 100
57 19.5 17.1 25.7

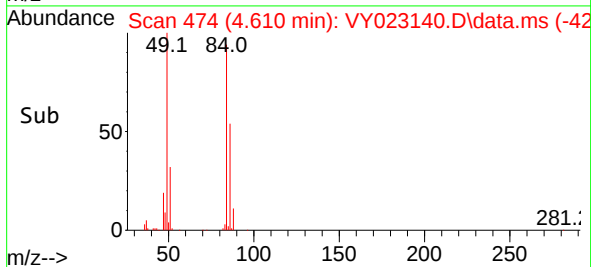
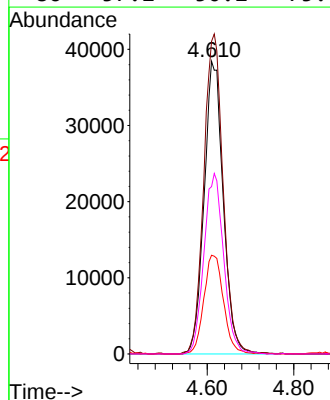
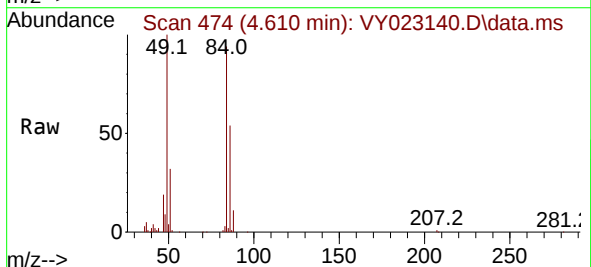
Manual Integrations
APPROVED

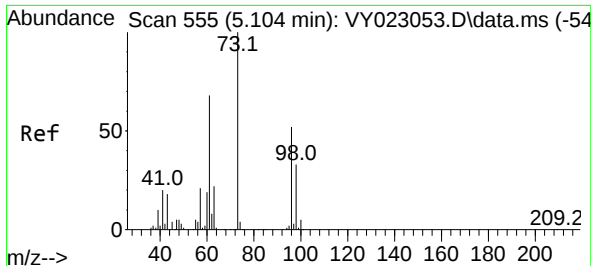
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 19.585 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

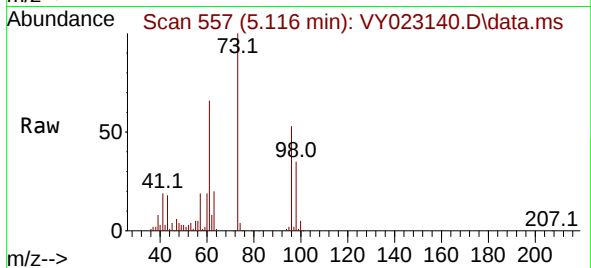
Tgt Ion: 84 Resp: 117942
Ion Ratio Lower Upper
84 100
49 106.8 93.0 139.6
51 33.7 29.0 43.4
86 57.2 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.174 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

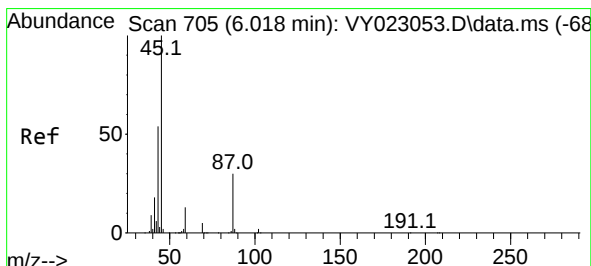
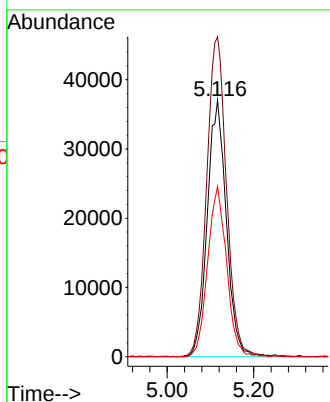
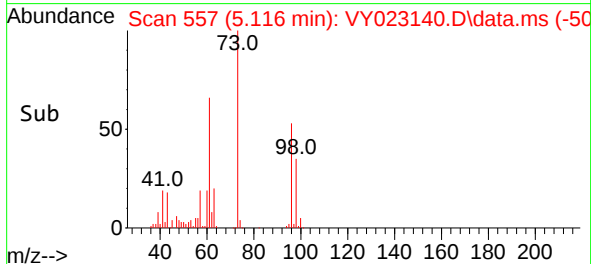
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



Tgt Ion: 96 Resp: 113075
Ion Ratio Lower Upper
96 100
61 124.9 104.8 157.2
98 66.4 50.1 75.1

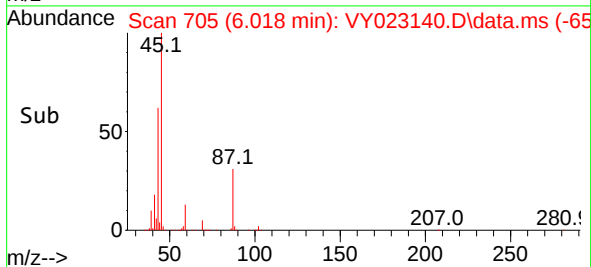
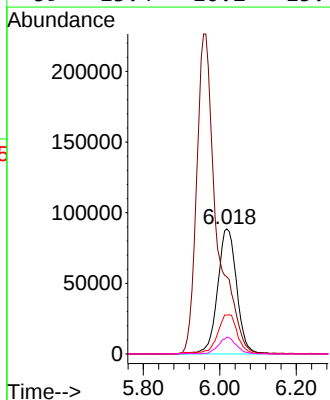
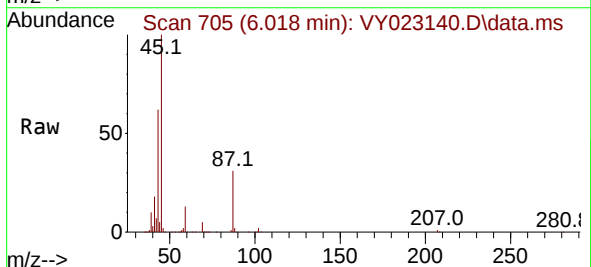
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 19.199 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

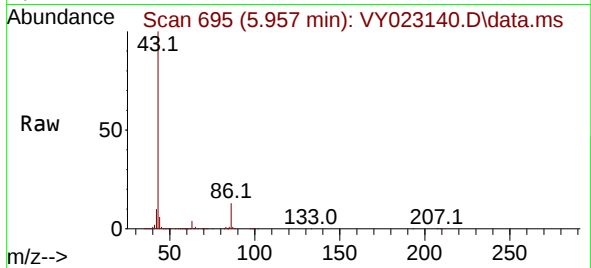
Tgt Ion: 45 Resp: 306183
Ion Ratio Lower Upper
45 100
43 61.5 43.4 65.0
87 31.1 24.4 36.6
59 13.4 10.2 15.4





#23
 Vinyl Acetate
 Concen: 93.270 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VY023140.D
 Acq: 19 Aug 2025 10:42

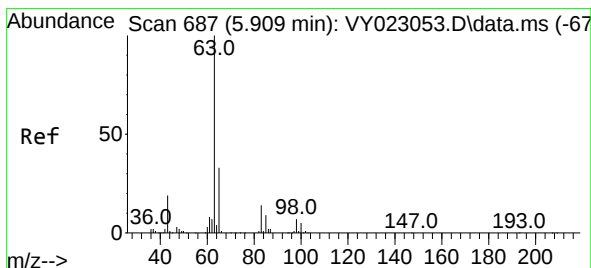
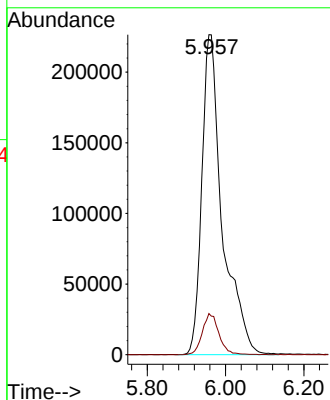
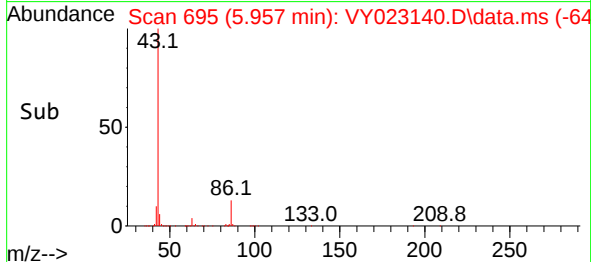
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



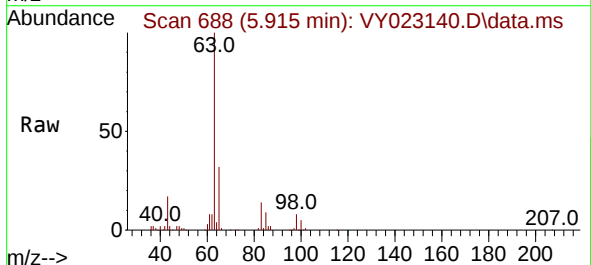
Tgt Ion: 43 Resp: 822478
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.6 14.4

Manual Integrations
 APPROVED

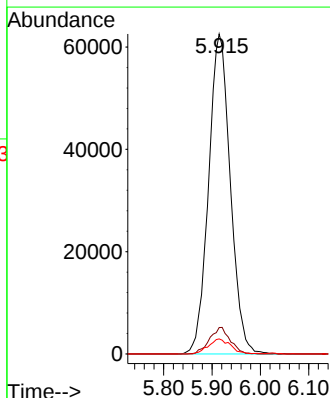
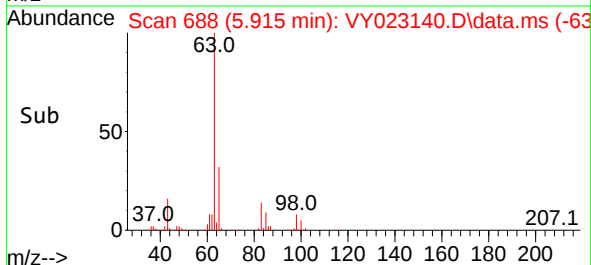
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

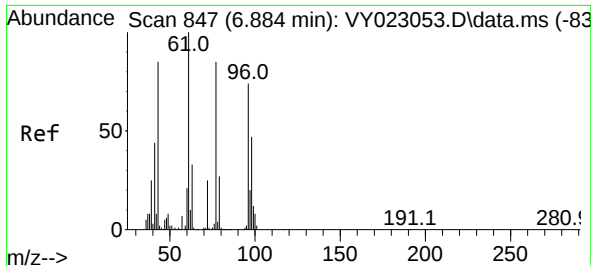


#24
 1,1-Dichloroethane
 Concen: 20.037 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023140.D
 Acq: 19 Aug 2025 10:42



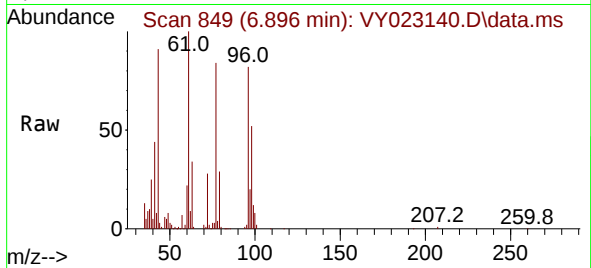
Tgt Ion: 63 Resp: 195367
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 97.745 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

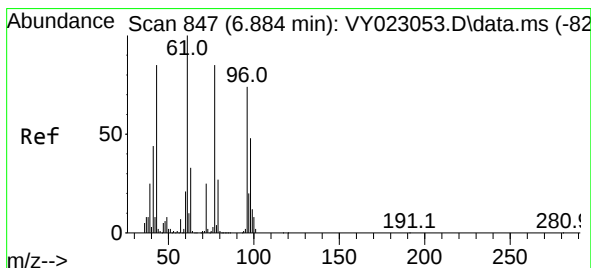
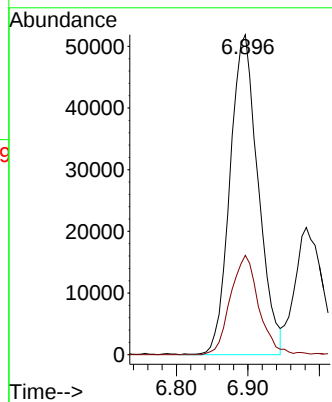
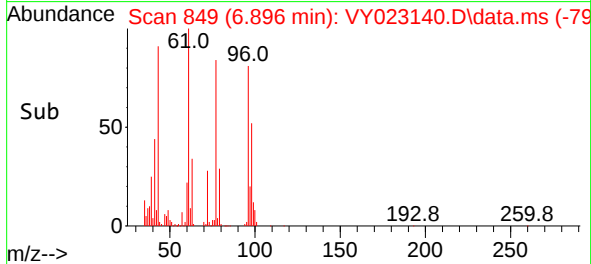
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



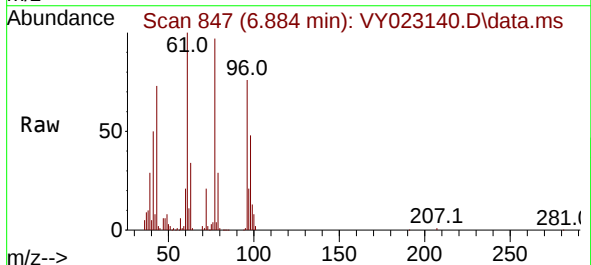
Tgt Ion: 43 Resp: 14206
Ion Ratio Lower Upper
43 100
72 31.1 23.5 35.3

Manual Integrations
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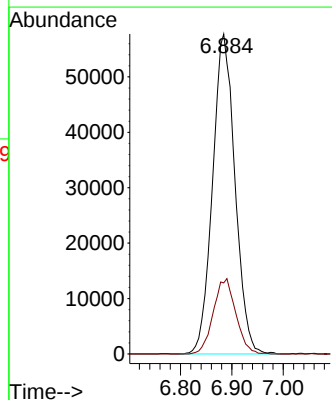
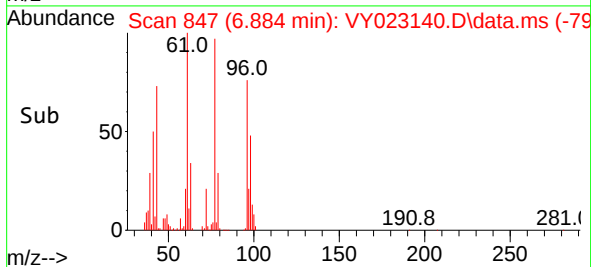
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

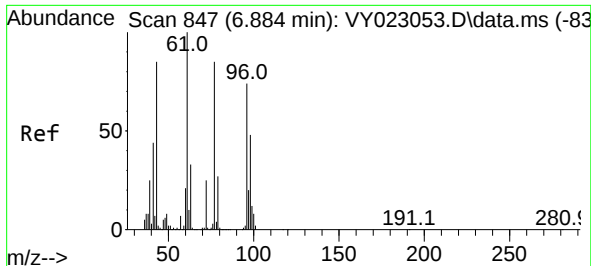


#26
2,2-Dichloropropane
Concen: 20.792 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



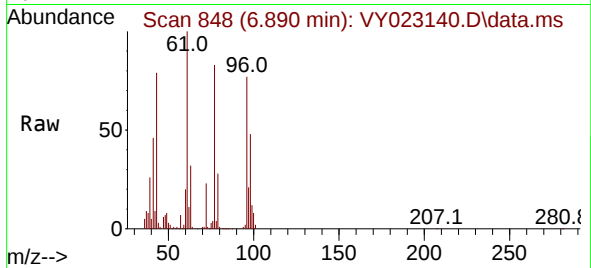
Tgt Ion: 77 Resp: 174925
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.583 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023140.D
 Acq: 19 Aug 2025 10:42

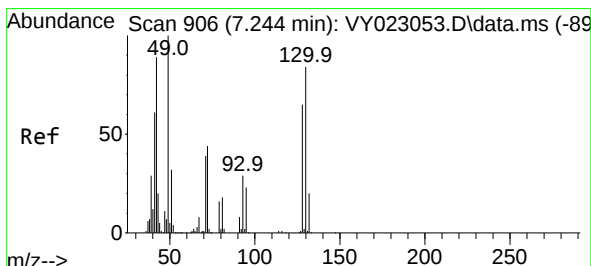
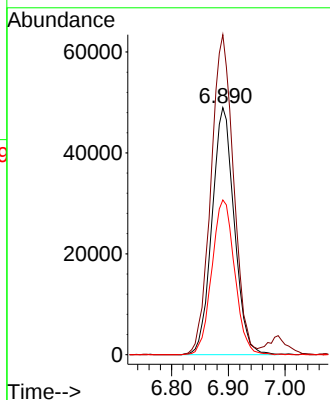
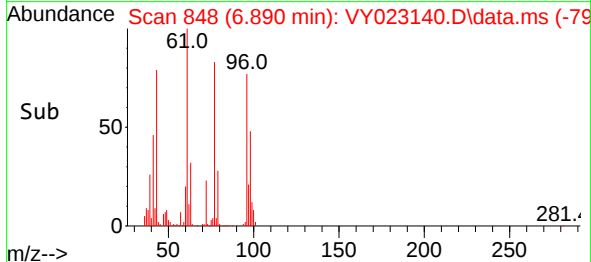
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



Tgt Ion: 96 Resp: 133374
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 278.6
 98 64.2 0.0 130.4

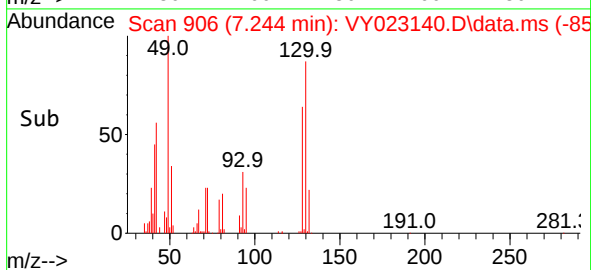
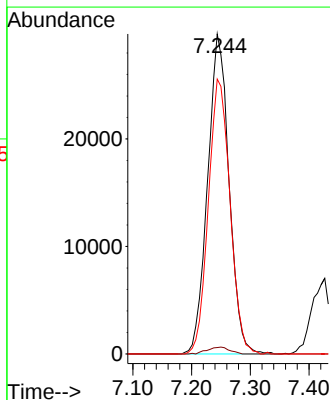
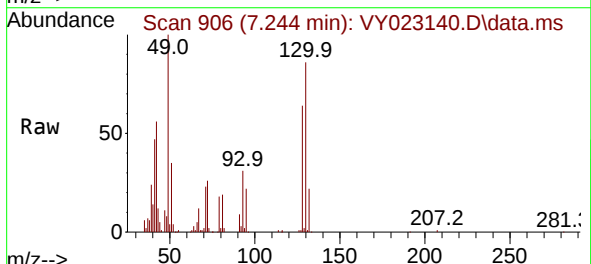
Manual Integrations
 APPROVED

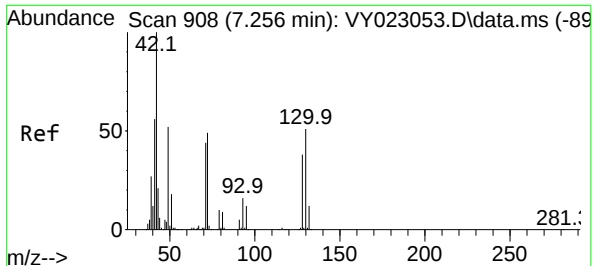
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#28
 Bromochloromethane
 Concen: 19.493 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023140.D
 Acq: 19 Aug 2025 10:42

Tgt Ion: 49 Resp: 75405
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 86.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 92.691 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023140.D

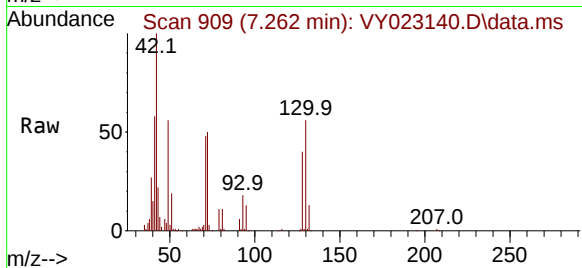
Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01



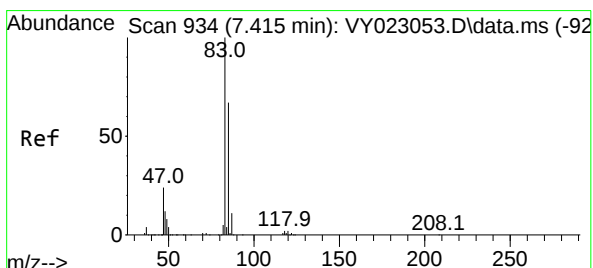
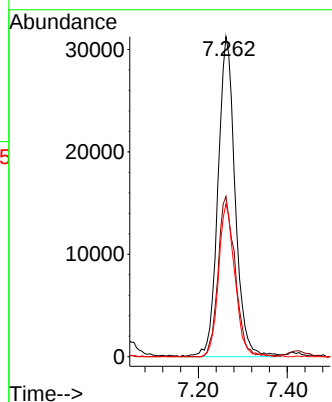
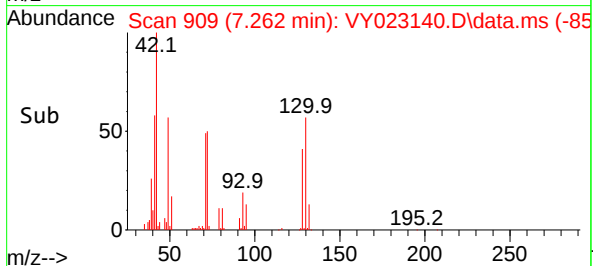
Tgt Ion:	42	Resp:	83508
Ion Ratio	100	Lower	Upper
42	100		
72	49.9	39.4	59.2
71	45.5	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 20.444 ug/l

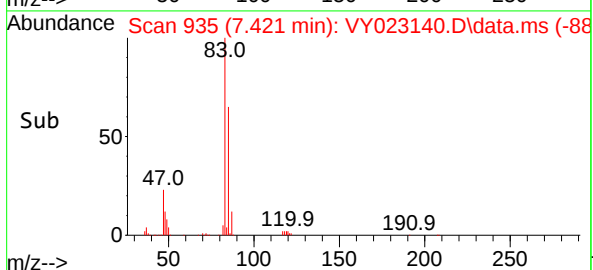
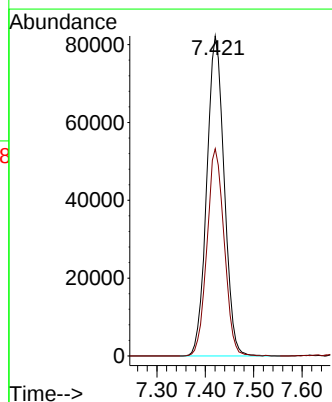
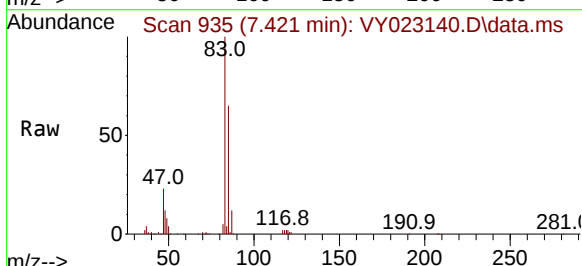
RT: 7.421 min Scan# 935

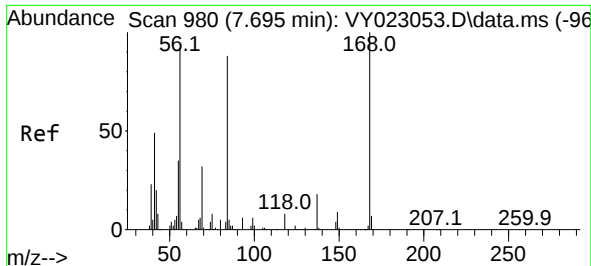
Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

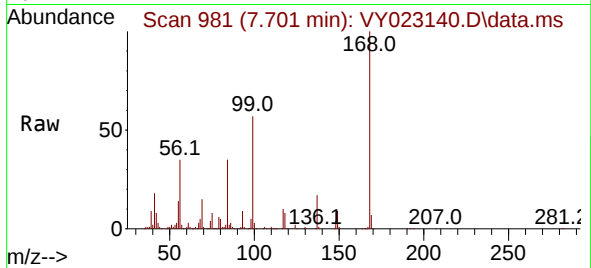
Tgt Ion:	83	Resp:	205577
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	53.8	80.8





#31
Cyclohexane
Concen: 19.364 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

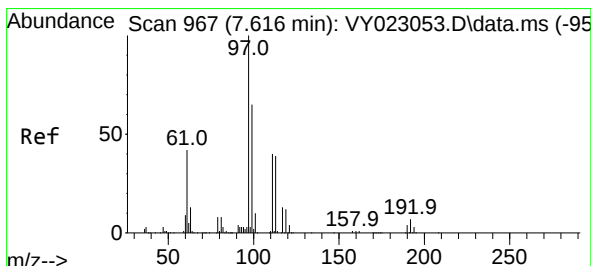
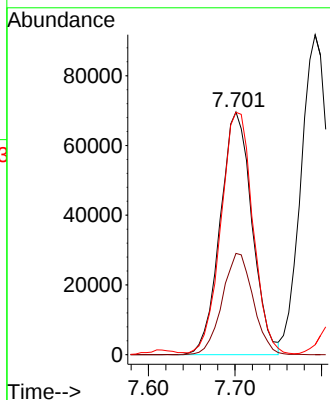
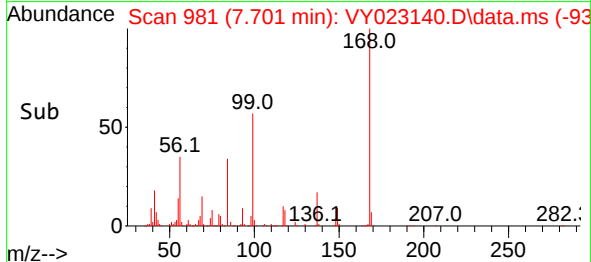
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



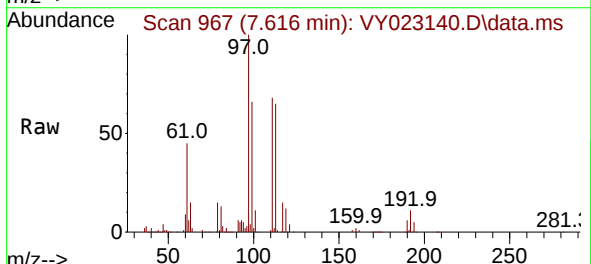
Tgt Ion: 56 Resp: 17791
Ion Ratio Lower Upper
56 100
69 41.7 28.2 42.2
84 99.0 76.6 114.8

Manual Integrations
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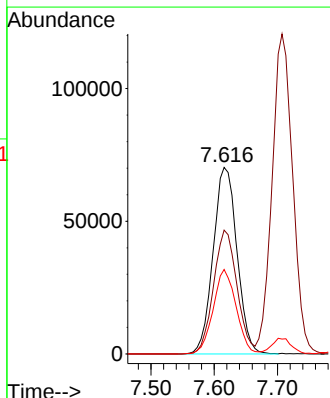
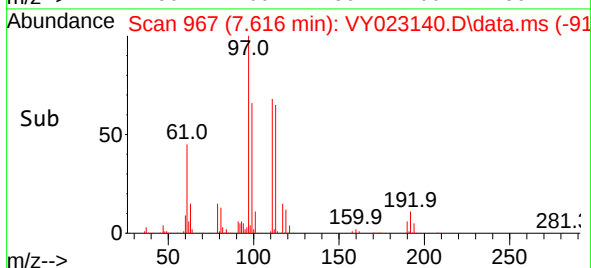
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 20.600 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion: 97 Resp: 183801
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 43.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.083 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 65 Resp: 22732

Ion Ratio Lower Upper

65 100

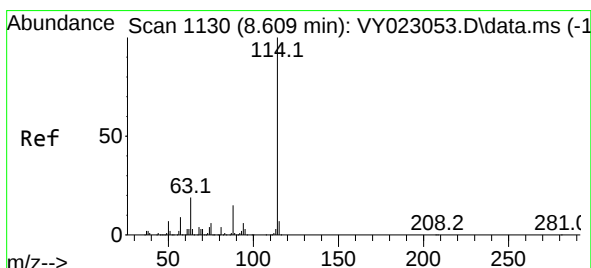
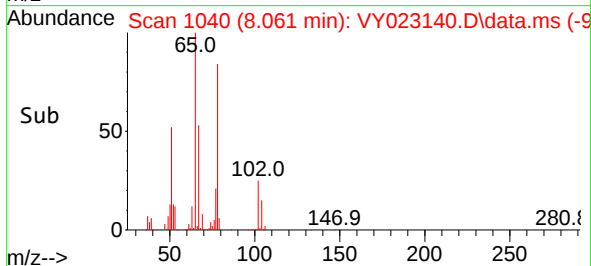
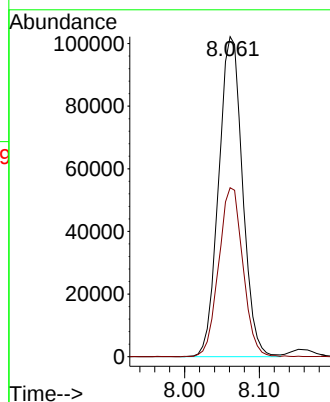
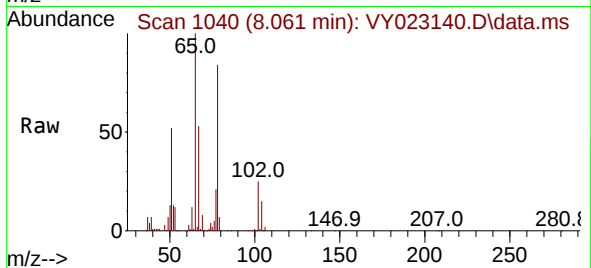
67 53.5 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

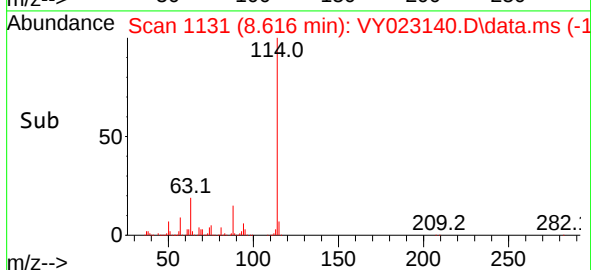
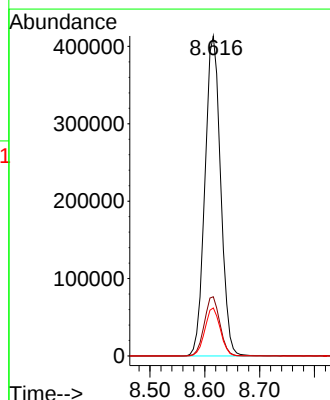
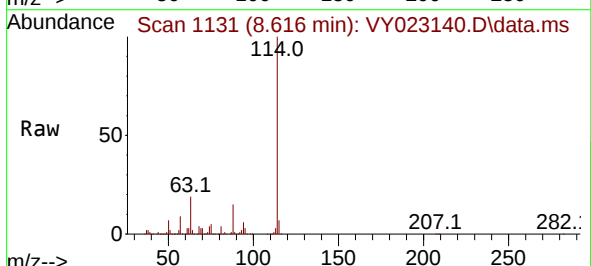
Tgt Ion:114 Resp: 818799

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

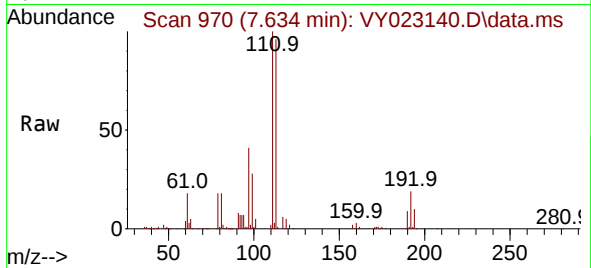
88 15.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 47.586 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

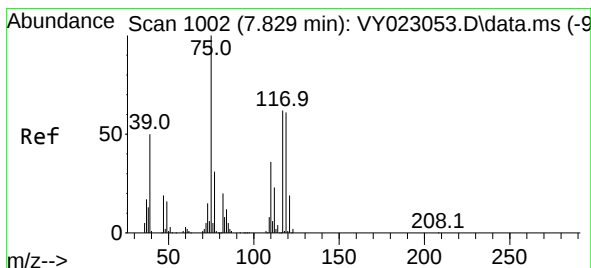
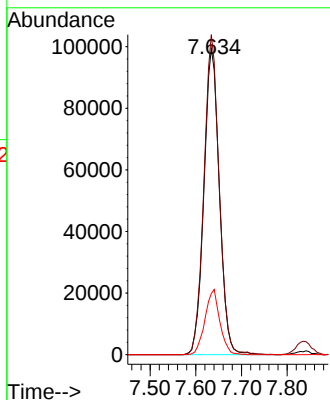
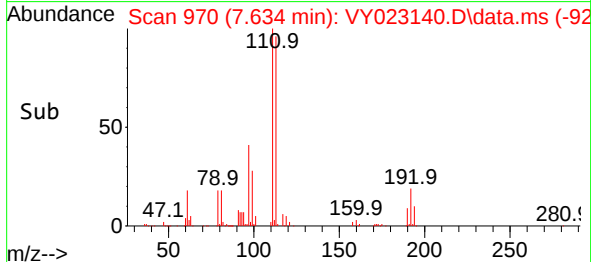
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 113 Resp: 23314
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 20.5 16.2 24.4

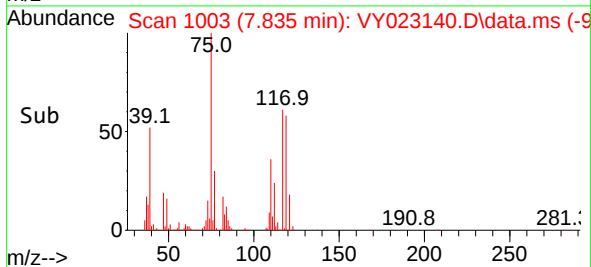
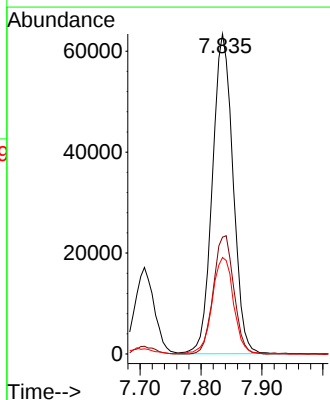
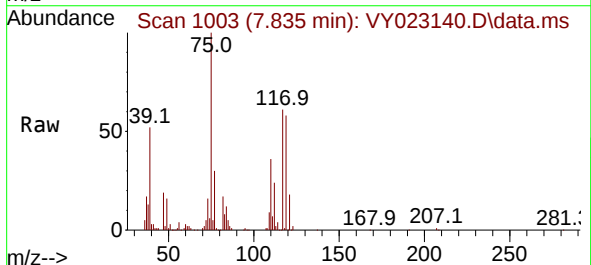
Manual Integrations
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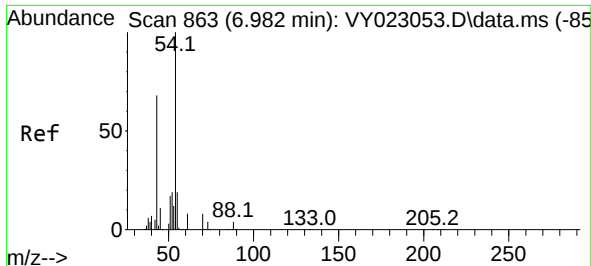
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 20.451 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

Tgt Ion: 75 Resp: 148907
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.4
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 18.798 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

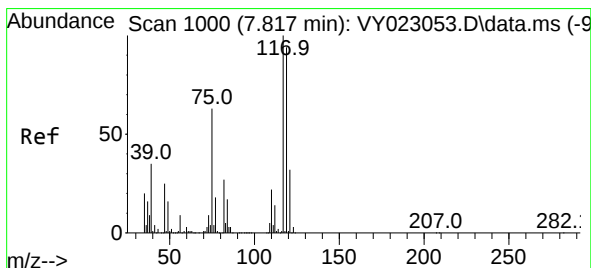
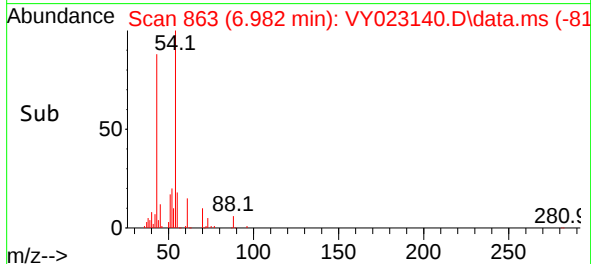
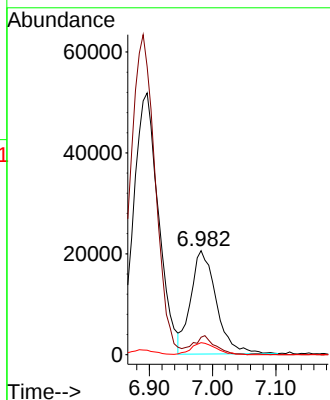
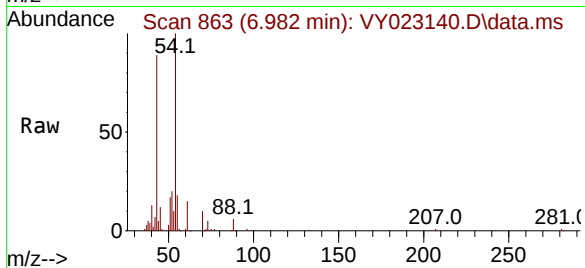
Tgt Ion:	43	Resp:	57490
Ion Ratio	Lower	Upper	
43	100		
61	15.8	11.9	17.9
70	11.3	8.8	13.2

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Carbon Tetrachloride

Concen: 21.055 ug/l

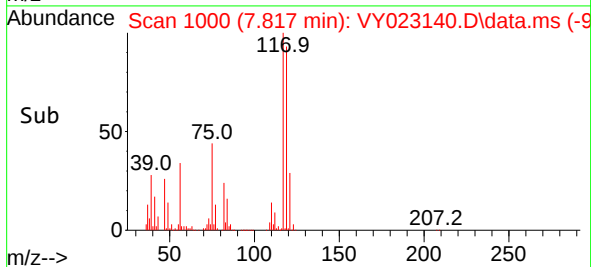
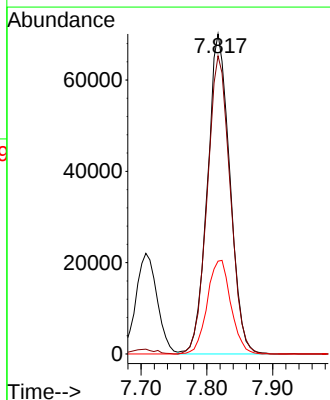
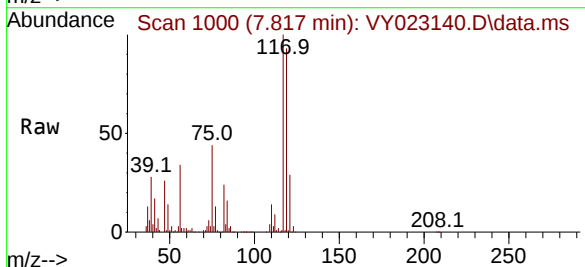
RT: 7.817 min Scan# 1000

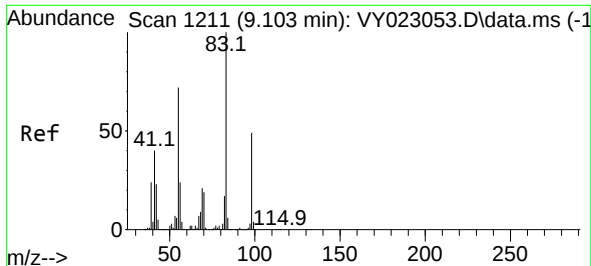
Delta R.T. 0.000 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Tgt Ion:	117	Resp:	166508
Ion Ratio	Lower	Upper	
117	100		
119	93.2	75.6	113.4
121	29.0	25.8	38.8





#39

Methylcyclohexane

Concen: 20.160 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 83 Resp: 19330

Ion Ratio Lower Upper

83 100

55 71.5 57.6 86.4

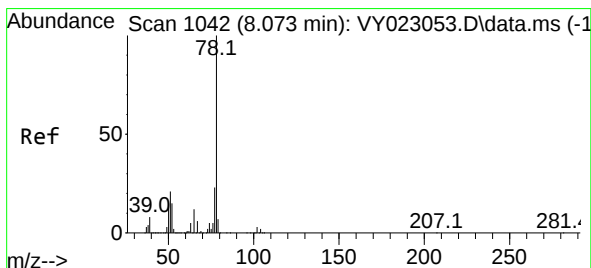
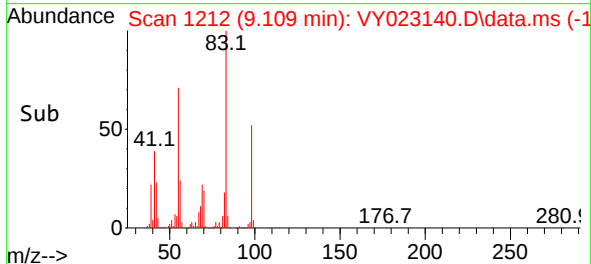
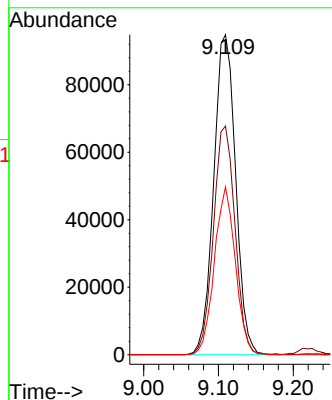
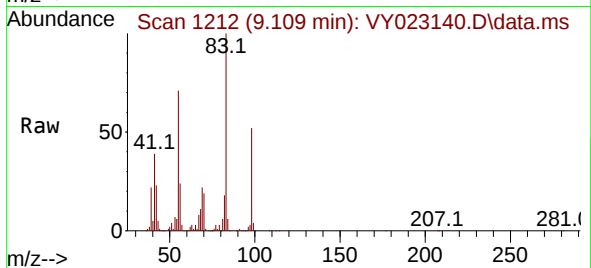
98 52.5 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#40

Benzene

Concen: 20.413 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023140.D

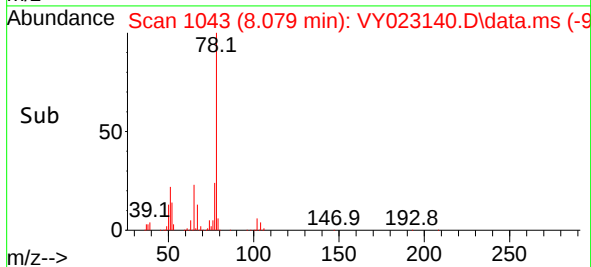
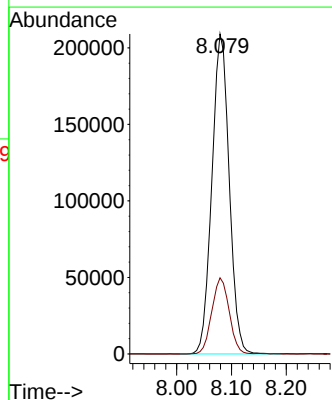
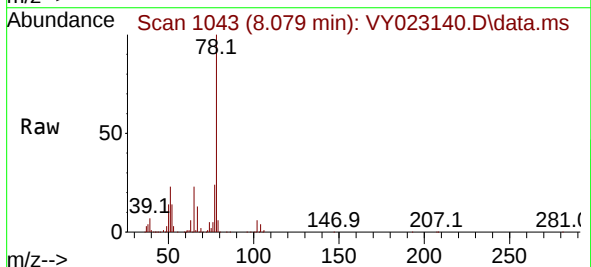
Acq: 19 Aug 2025 10:42

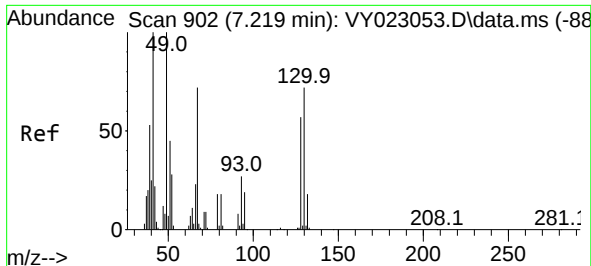
Tgt Ion: 78 Resp: 458105

Ion Ratio Lower Upper

78 100

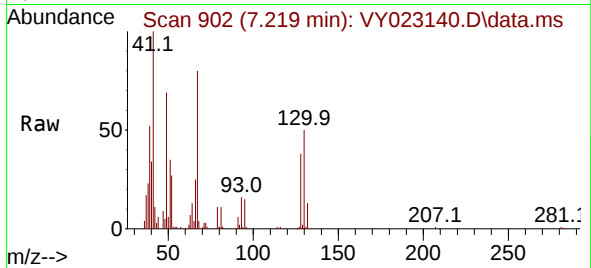
77 23.8 18.6 28.0





#41
Methacrylonitrile
Concen: 18.147 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

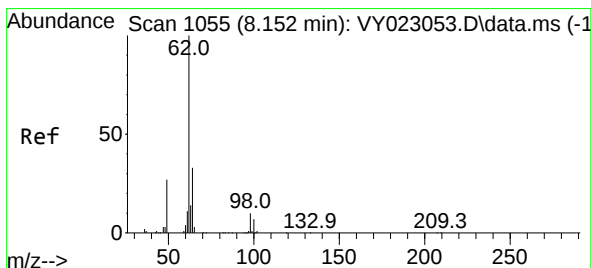
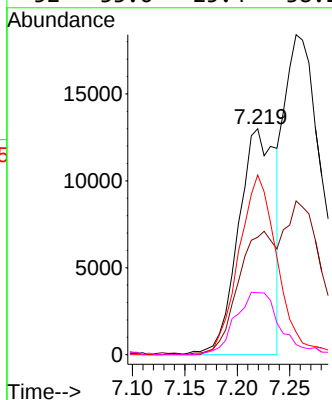
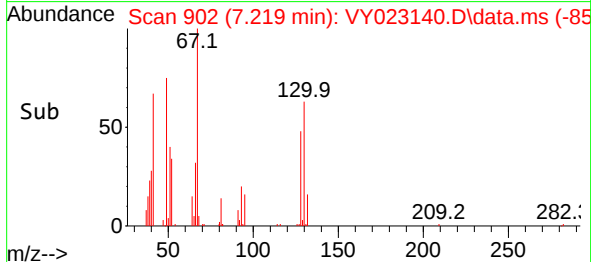
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 41 Resp: 3203
Ion Ratio Lower Upper
41 100
39 55.7 43.4 65.2
67 83.2 63.6 95.4
52 33.6 25.4 38.2

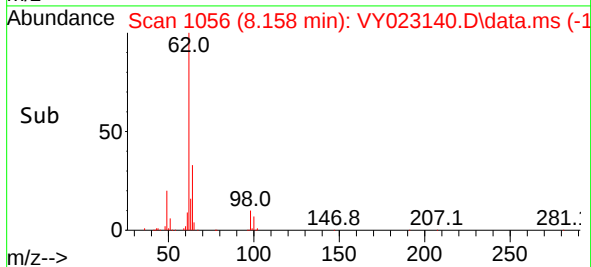
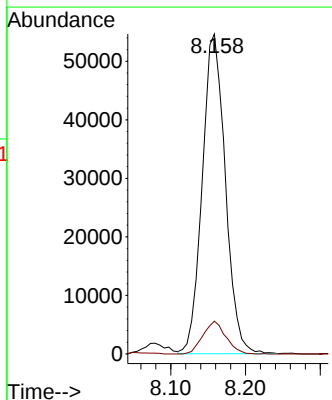
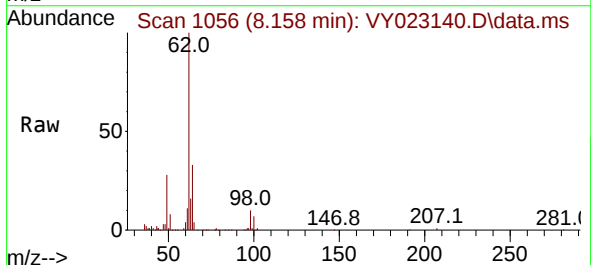
Manual Integrations
APPROVED

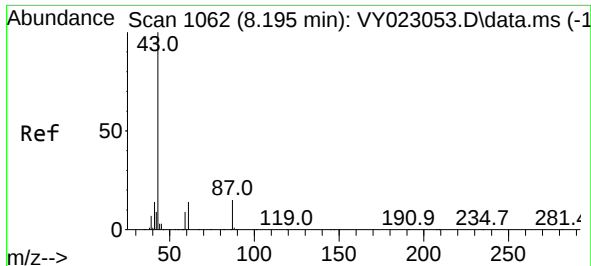
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 20.140 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

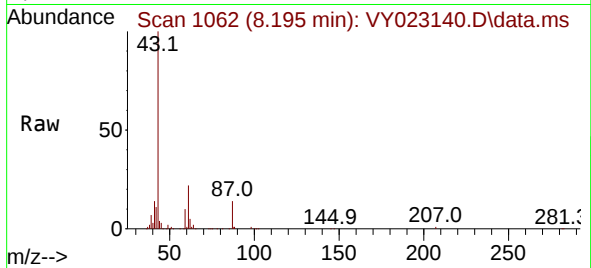
Tgt Ion: 62 Resp: 117549
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6





#43
Isopropyl Acetate
Concen: 17.933 ug/l
RT: 8.195 min Scan# 110864
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

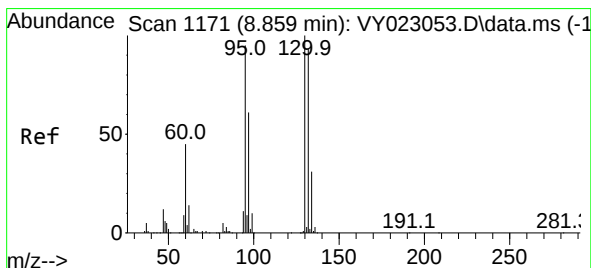
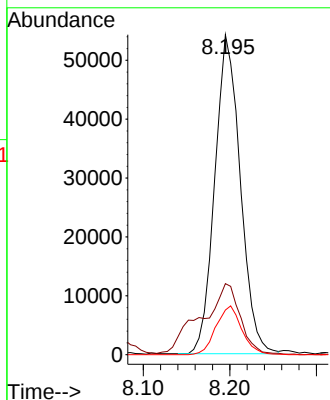
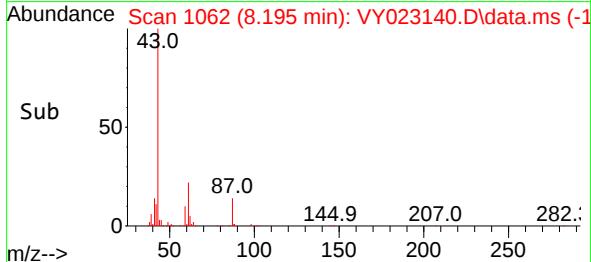
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



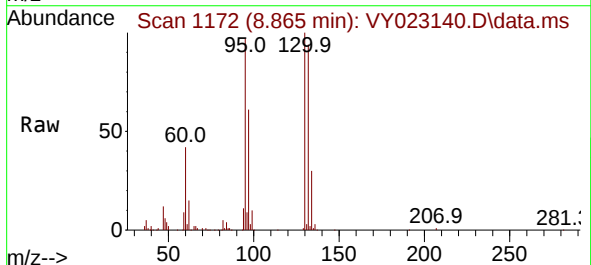
Tgt Ion: 43 Resp: 110864
Ion Ratio Lower Upper
43 100
61 34.4 16.4 24.6
87 15.5 11.8 17.6

Manual Integrations
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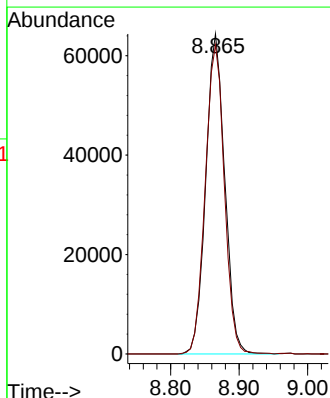
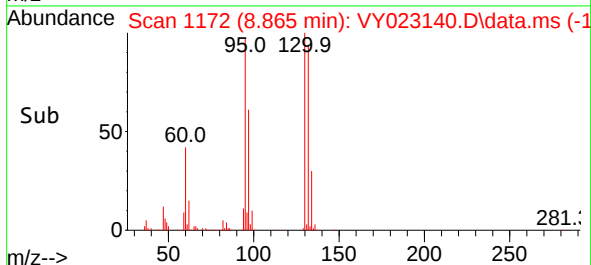
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

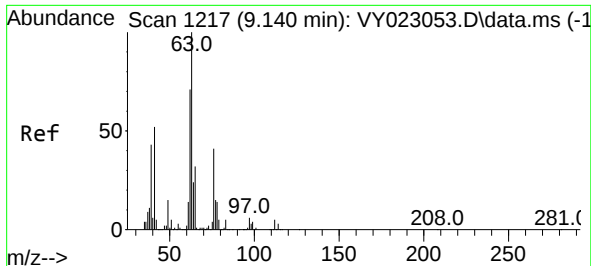


#44
Trichloroethene
Concen: 21.356 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion:130 Resp: 123853
Ion Ratio Lower Upper
130 100
95 96.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.167 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023140.D

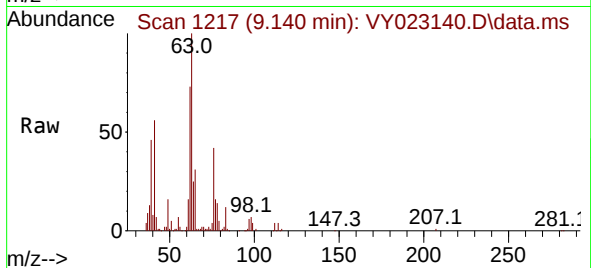
Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01



Tgt Ion: 63 Resp: 104138

Ion Ratio Lower Upper

63 100

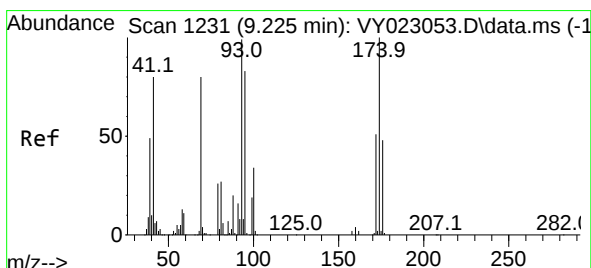
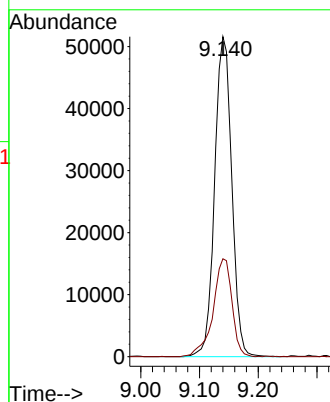
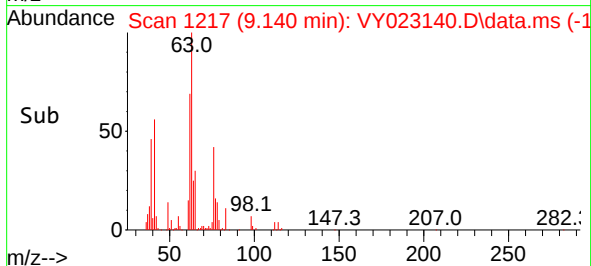
65 30.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Dibromomethane

Concen: 20.476 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

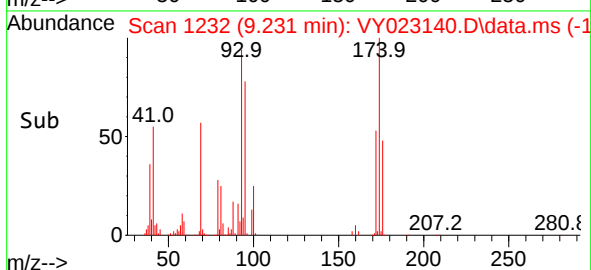
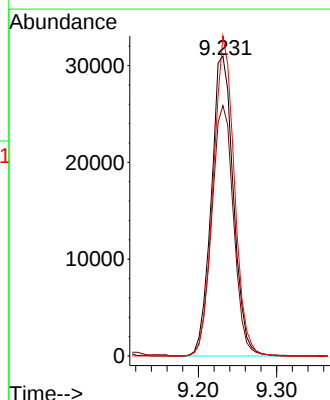
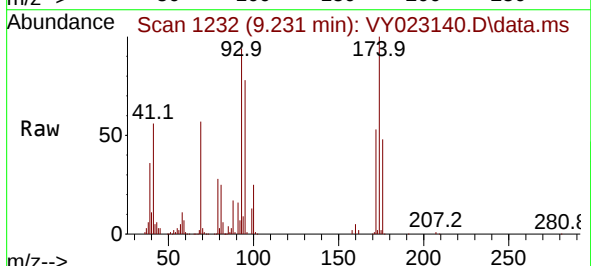
Tgt Ion: 93 Resp: 60685

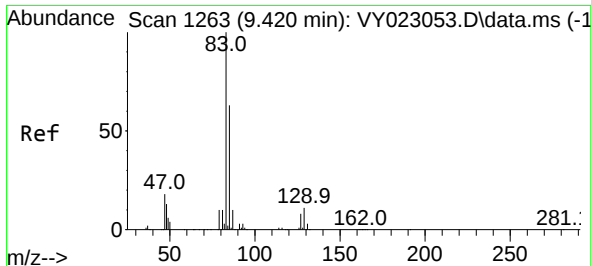
Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

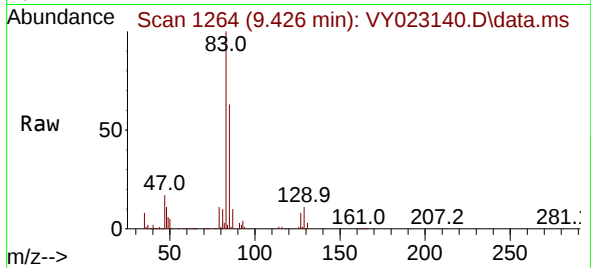
174 102.2 81.8 122.8





#47
Bromodichloromethane
Concen: 20.232 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

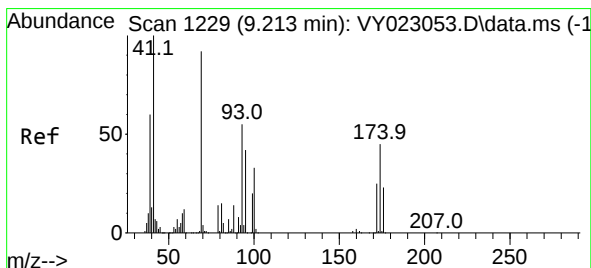
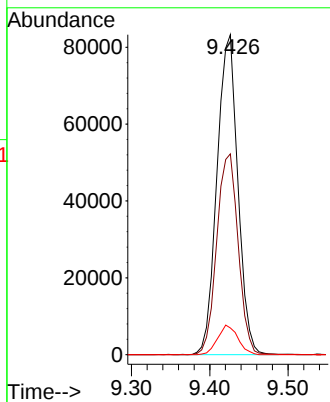
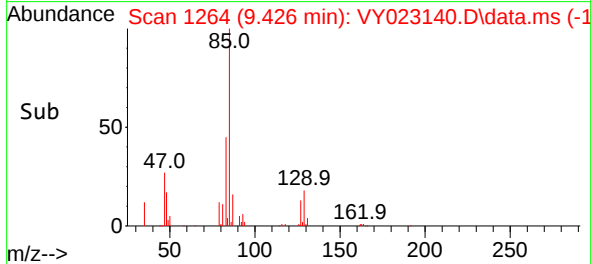
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



Tgt Ion: 83 Resp: 154294
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 8.3 6.6 10.0

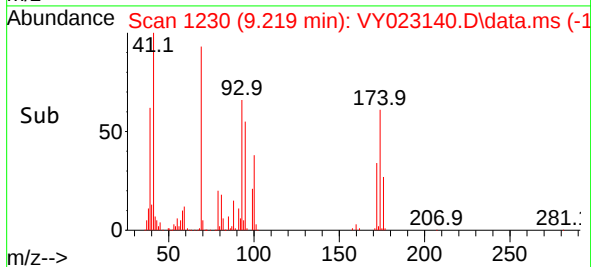
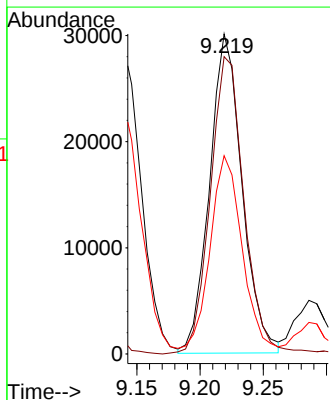
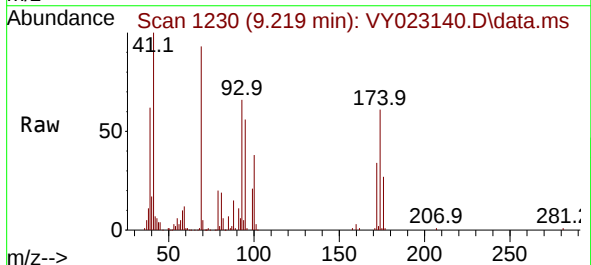
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 18.158 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

Tgt Ion: 41 Resp: 53715
Ion Ratio Lower Upper
41 100
69 97.3 73.2 109.8
39 58.5 47.0 70.4





#49

1,4-Dioxane

Concen: 363.816 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBSD01

Tgt Ion: 88 Resp: 1264

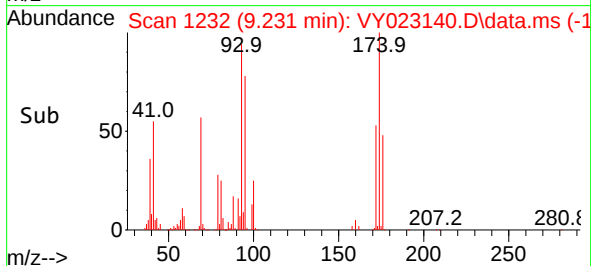
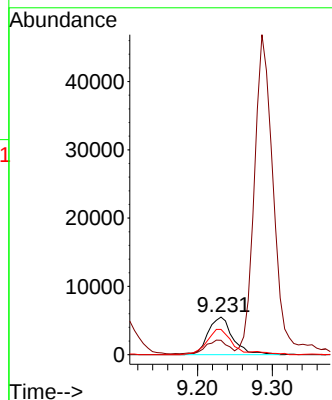
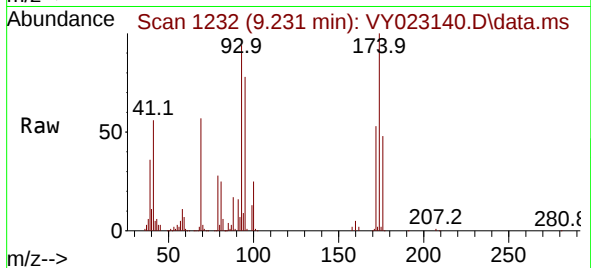
Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.3	36.5
58	65.8	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 48.447 ug/l

RT: 10.103 min Scan# 1375

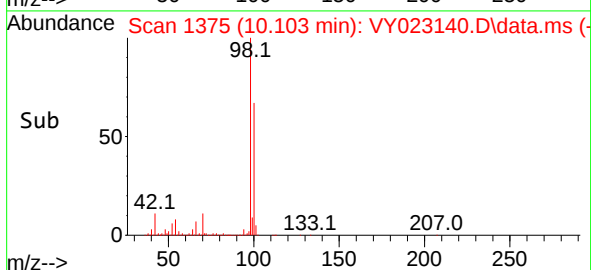
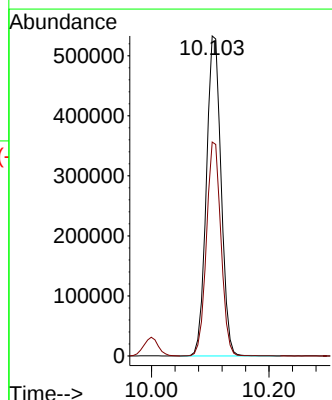
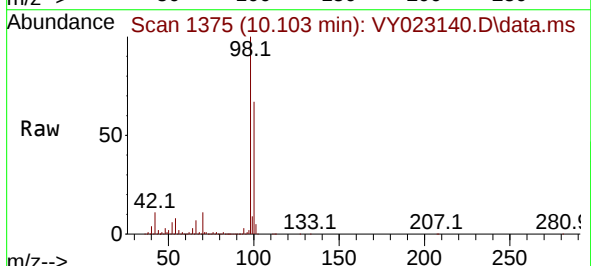
Delta R.T. 0.000 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Tgt Ion: 98 Resp: 927285

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 92.052 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 43 Resp: 293540

Ion Ratio Lower Upper

43 100

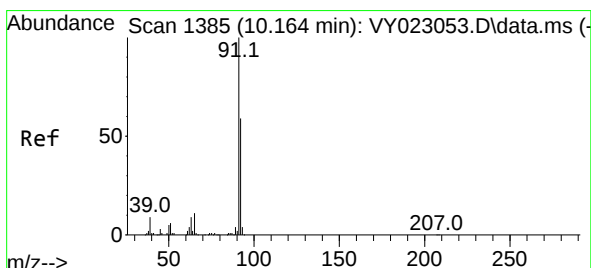
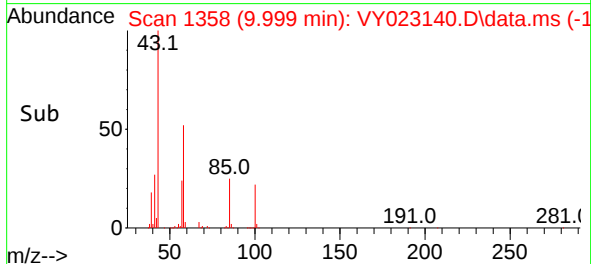
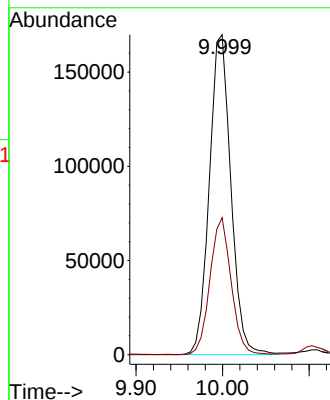
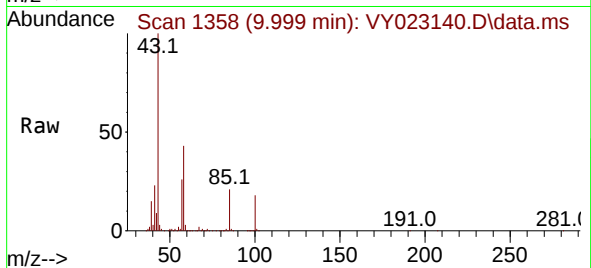
58 42.1 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#52

Toluene

Concen: 20.876 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023140.D

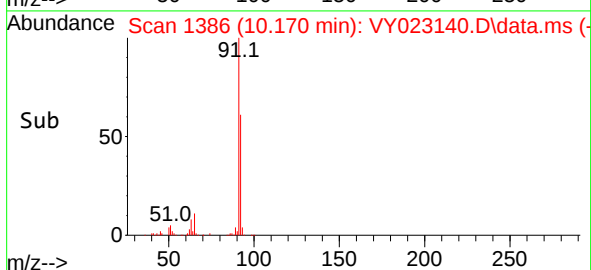
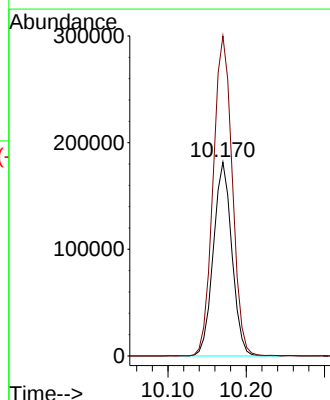
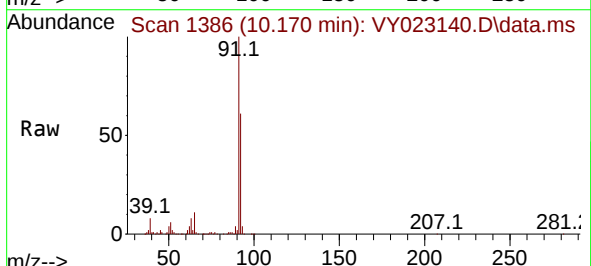
Acq: 19 Aug 2025 10:42

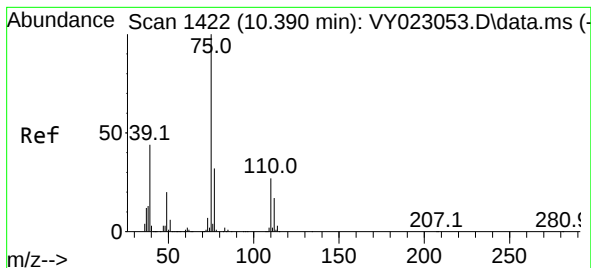
Tgt Ion: 92 Resp: 297560

Ion Ratio Lower Upper

92 100

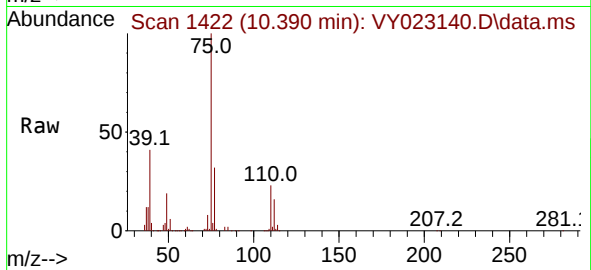
91 171.1 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 19.881 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

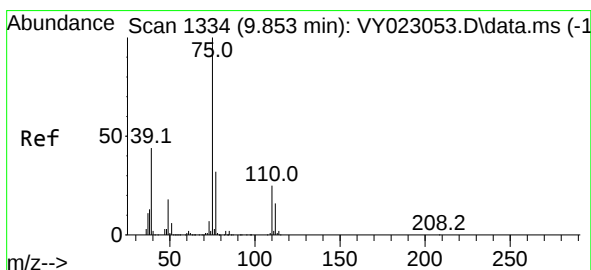
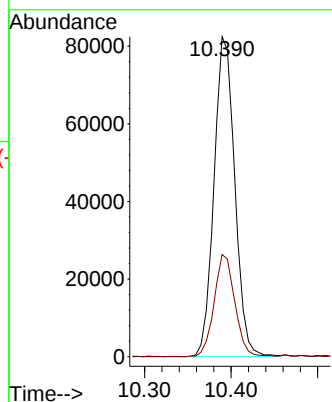
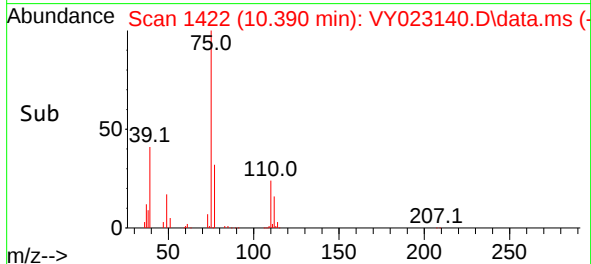
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 75 Resp: 137297
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

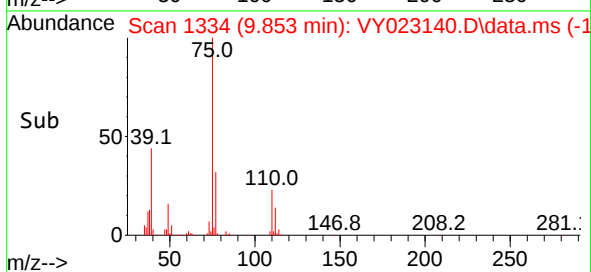
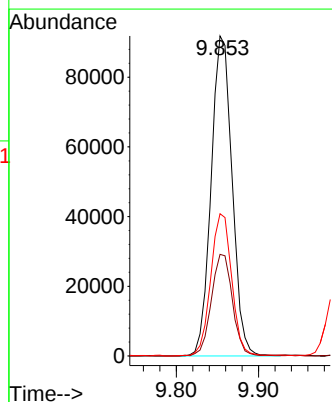
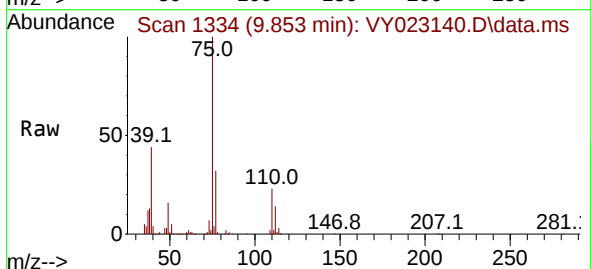
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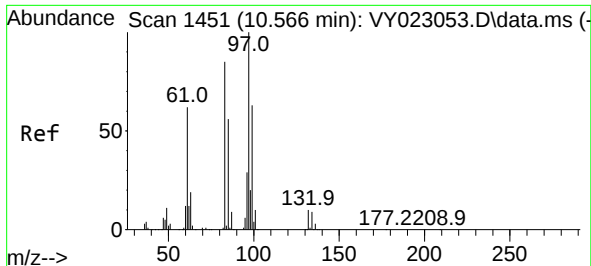
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#54
cis-1,3-Dichloropropene
Concen: 19.944 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

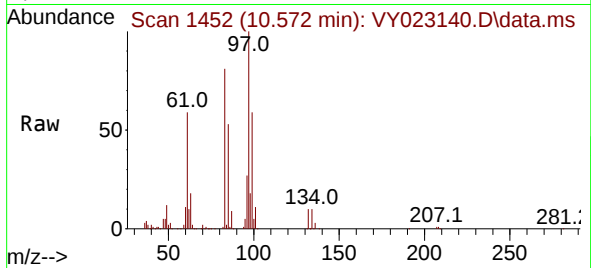
Tgt Ion: 75 Resp: 162867
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 44.3 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 20.362 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

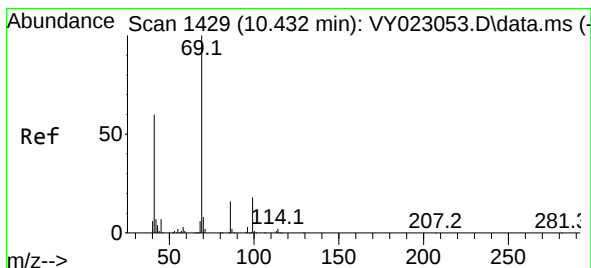
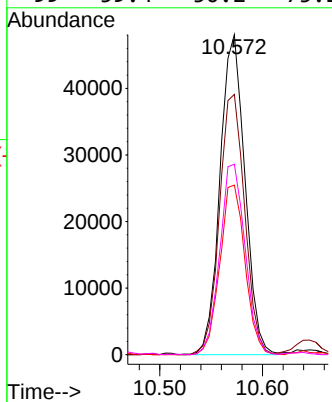
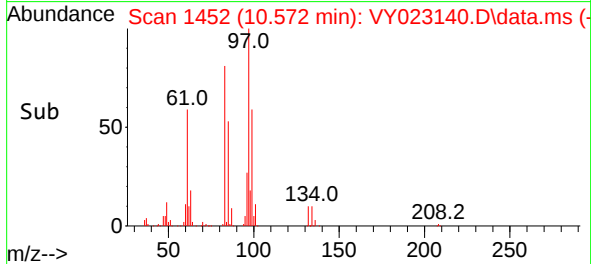
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



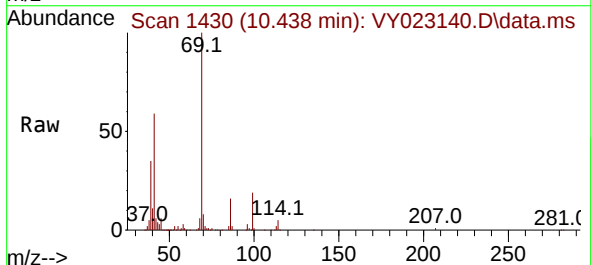
Tgt Ion: 97 Resp: 8075
Ion Ratio Lower Upper
97 100
83 81.4 67.7 101.5
85 53.0 44.5 66.7
99 59.4 50.2 75.2

Manual Integrations
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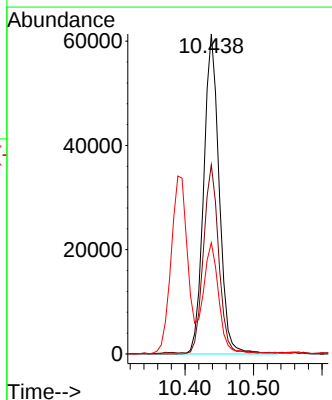
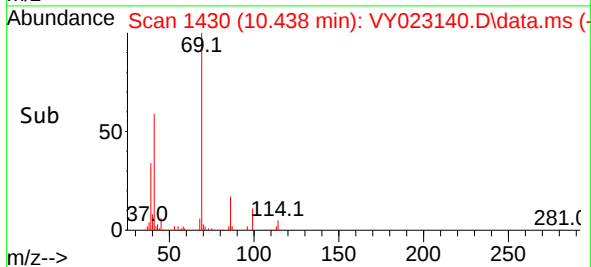
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

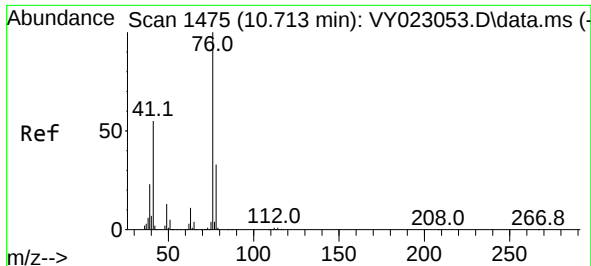


#56
Ethyl methacrylate
Concen: 18.994 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion: 69 Resp: 96390
Ion Ratio Lower Upper
69 100
41 57.5 48.6 72.8
39 34.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.062 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 76 Resp: 134934

Ion Ratio Lower Upper

76 100

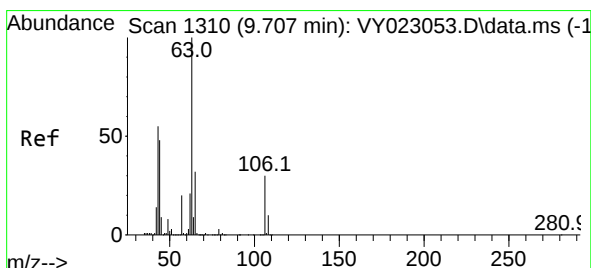
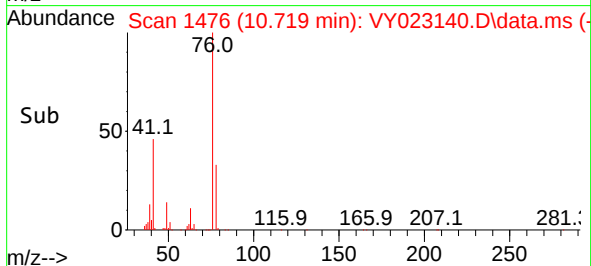
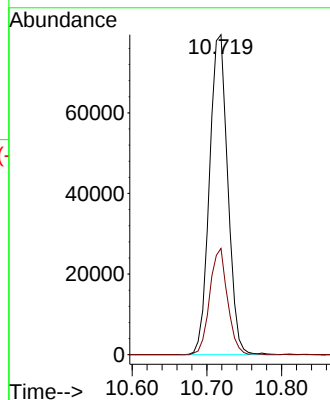
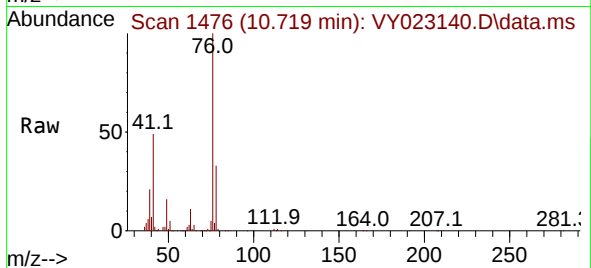
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.830 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023140.D

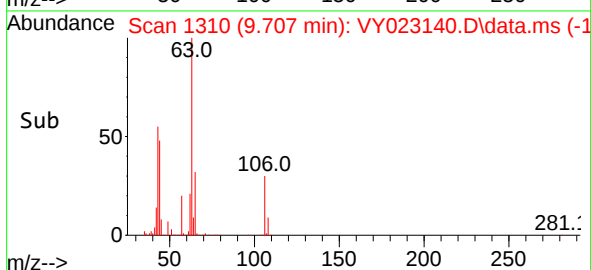
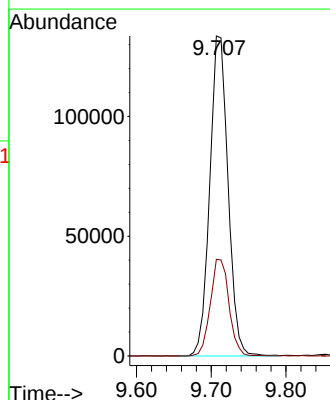
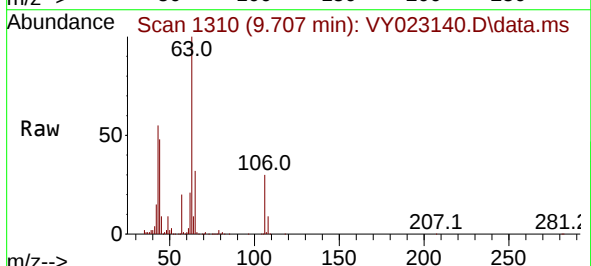
Acq: 19 Aug 2025 10:42

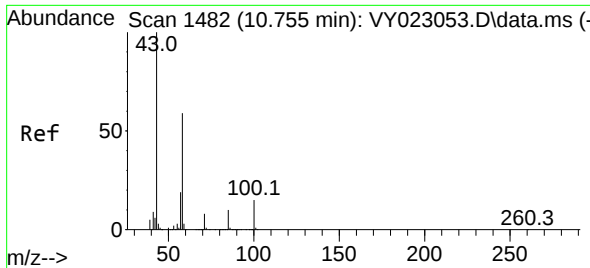
Tgt Ion: 63 Resp: 226996

Ion Ratio Lower Upper

63 100

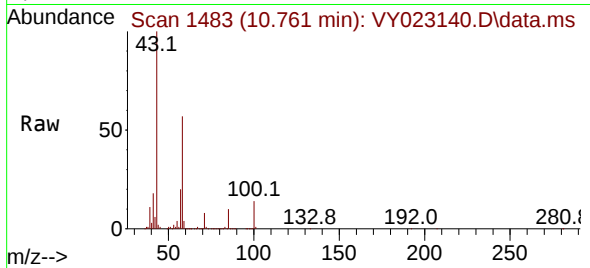
106 30.8 23.2 34.8





#59
2-Hexanone
Concen: 95.694 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

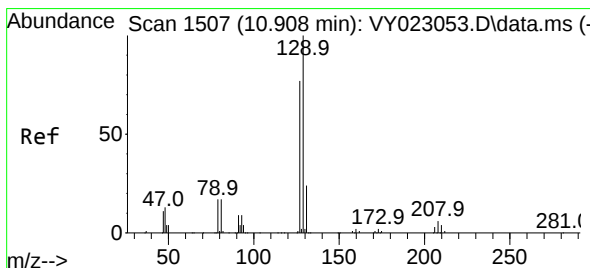
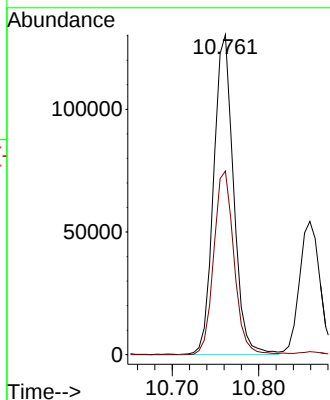
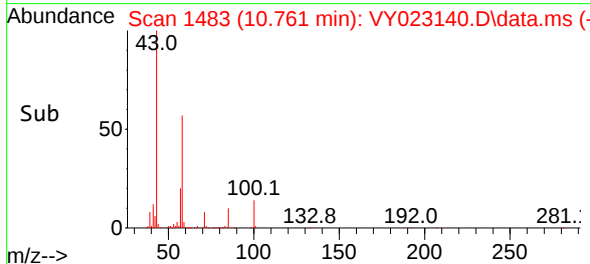
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 43 Resp: 207790
Ion Ratio Lower Upper
43 100
58 58.4 29.5 88.5

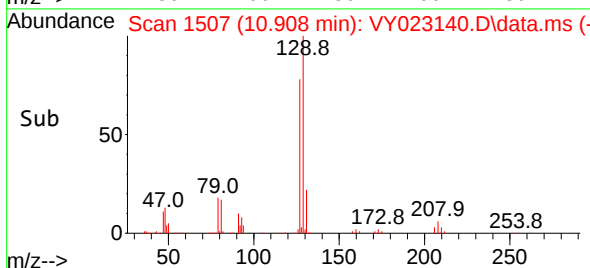
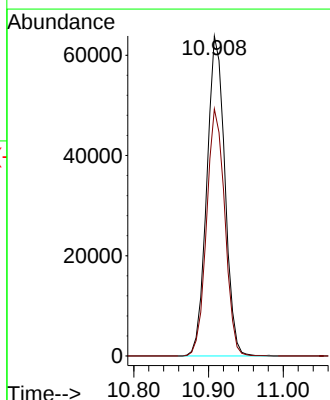
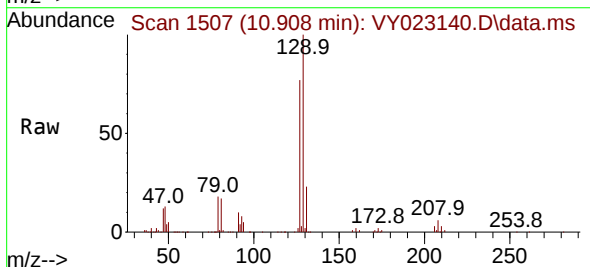
Manual Integrations
APPROVED

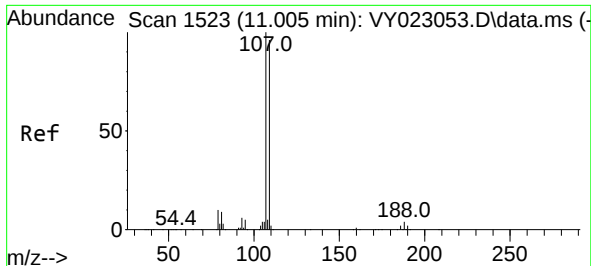
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 20.438 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

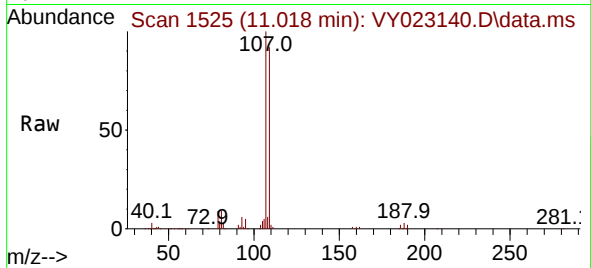
Tgt Ion:129 Resp: 106952
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.016 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

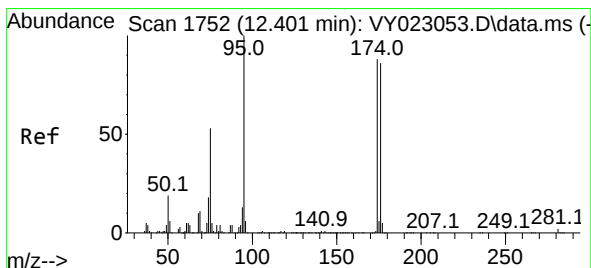
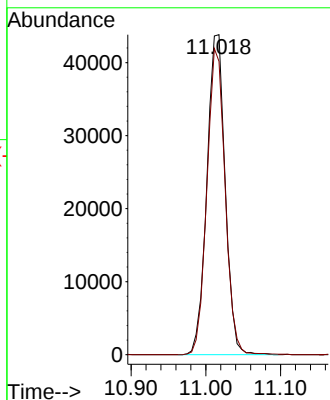
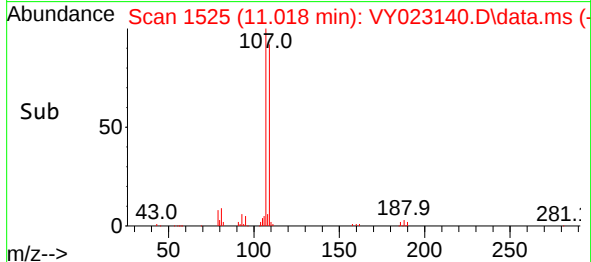
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:107 Resp: 7460
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

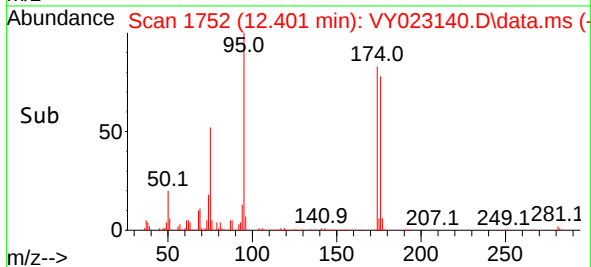
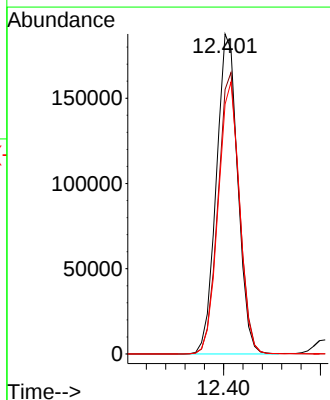
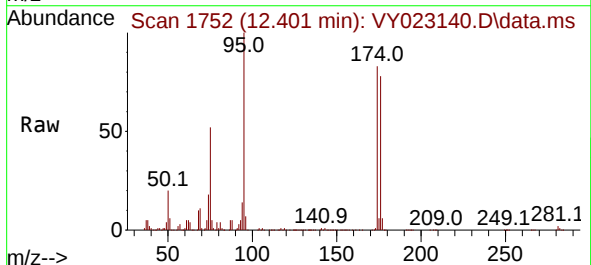
Manual Integrations
APPROVED

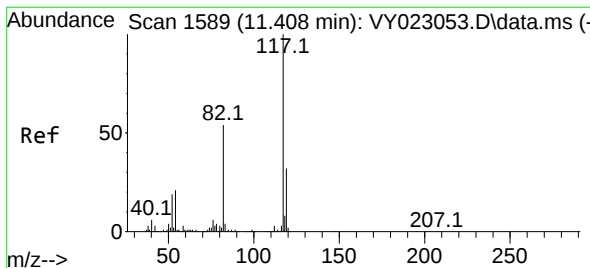
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#62
4-Bromofluorobenzene
Concen: 46.799 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

Tgt Ion: 95 Resp: 288067
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.6
176 84.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:117 Resp: 71259

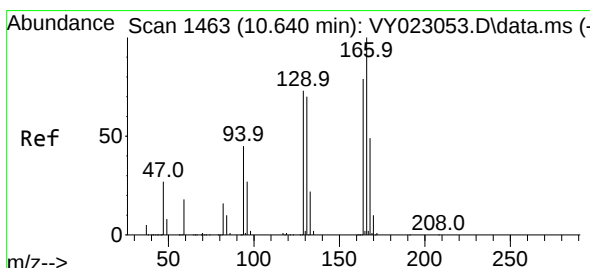
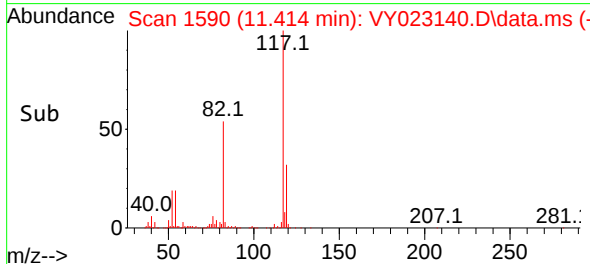
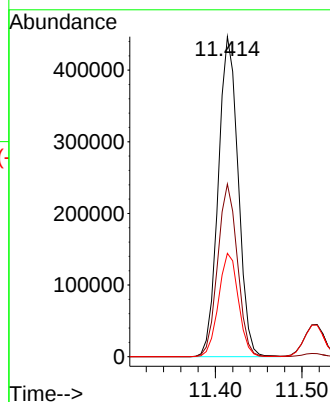
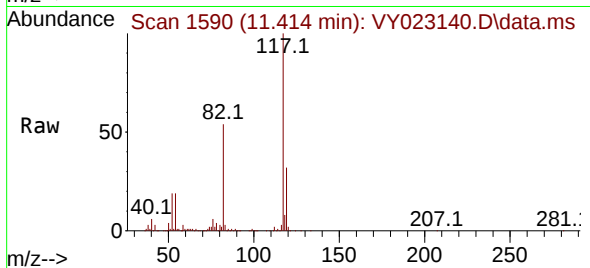
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.3	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#64

Tetrachloroethene

Concen: 23.712 ug/l

RT: 10.646 min Scan# 1464

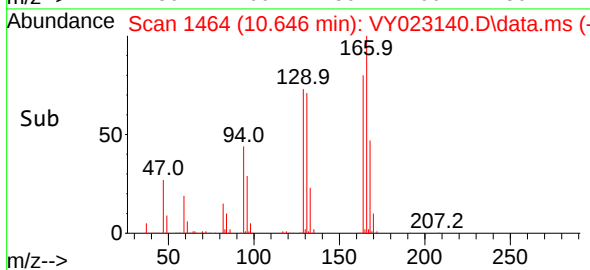
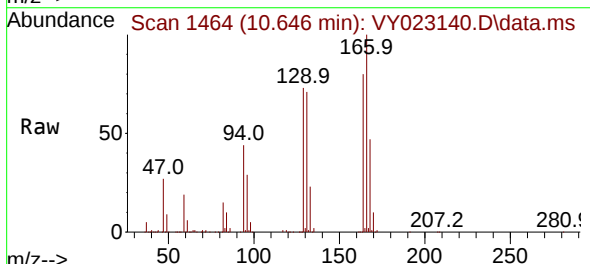
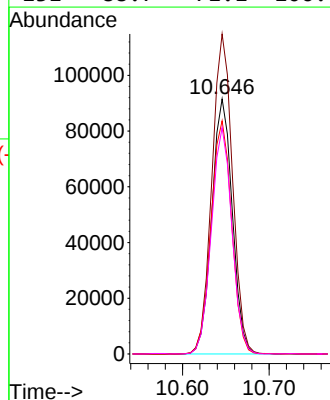
Delta R.T. 0.006 min

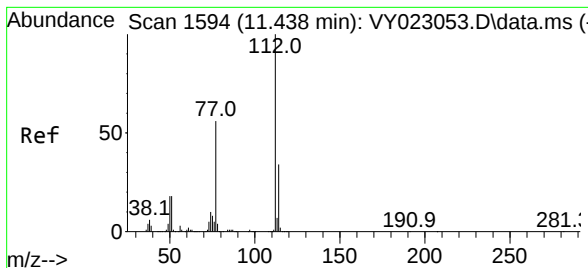
Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Tgt Ion:164 Resp: 150882

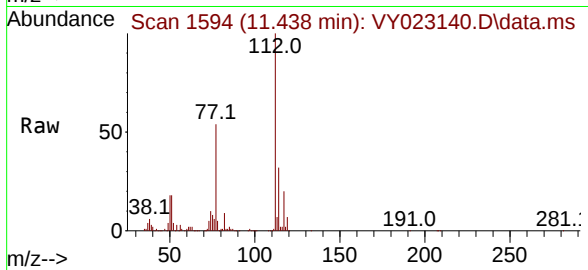
Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.1	151.7
129	91.4	74.0	111.0
131	88.7	71.1	106.7





#65
Chlorobenzene
Concen: 20.934 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

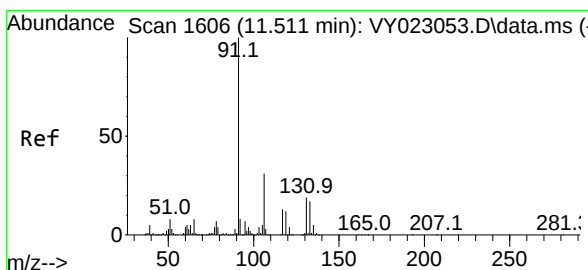
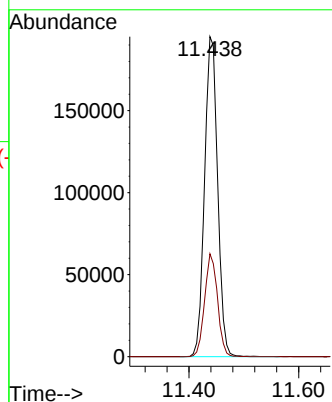
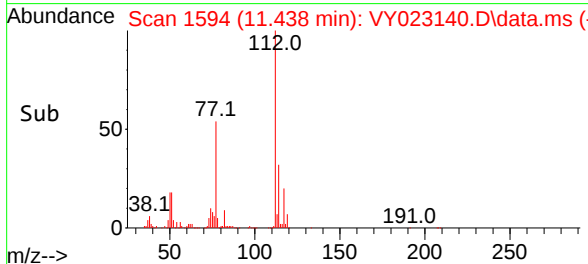
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



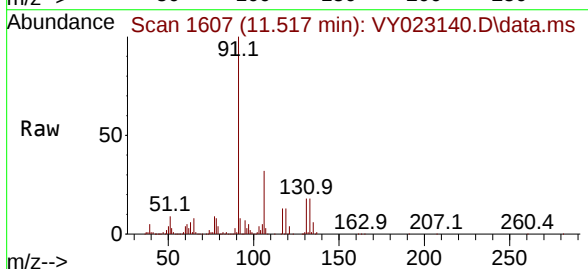
Tgt Ion:112 Resp: 321760
Ion Ratio Lower Upper
112 100
114 32.2 27.0 40.4

Manual Integrations
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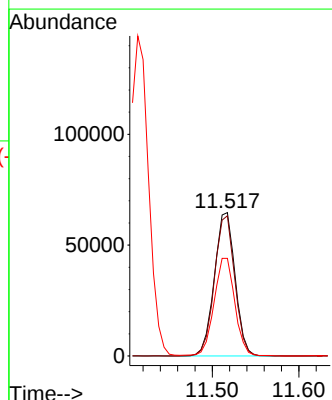
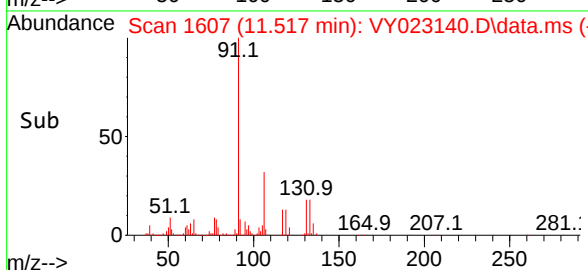
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

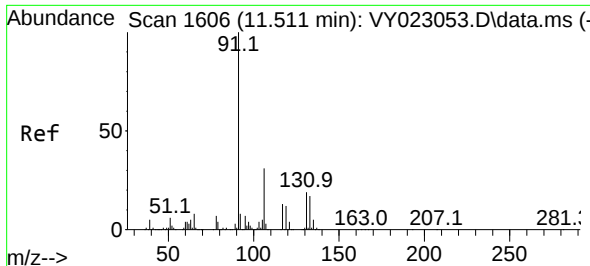


#66
1,1,1,2-Tetrachloroethane
Concen: 20.654 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion:131 Resp: 107743
Ion Ratio Lower Upper
131 100
133 95.9 46.9 140.6
119 68.4 33.2 99.6





#67

Ethyl Benzene

Concen: 20.281 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 91 Resp: 53645

Ion Ratio Lower Upper

91 100

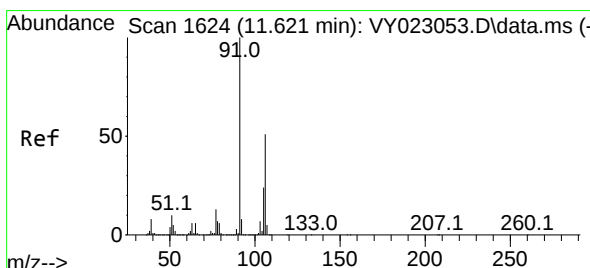
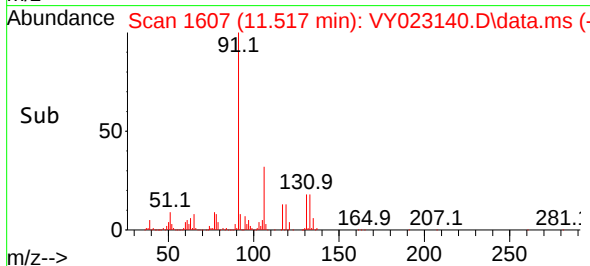
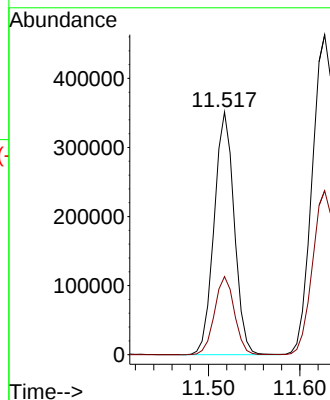
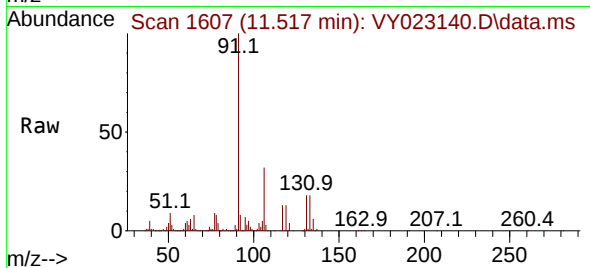
106 32.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#68

m/p-Xylenes

Concen: 41.310 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023140.D

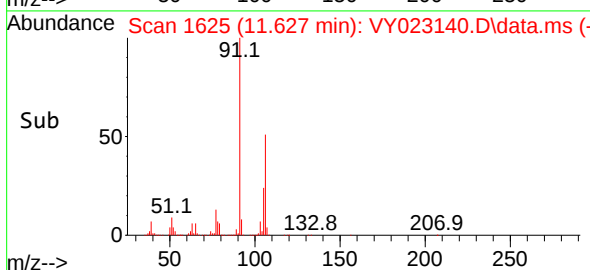
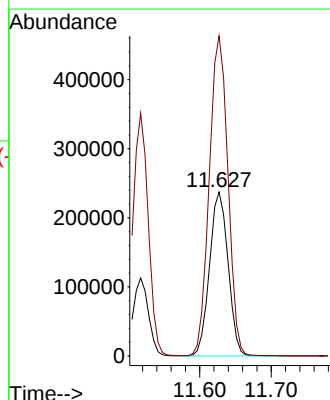
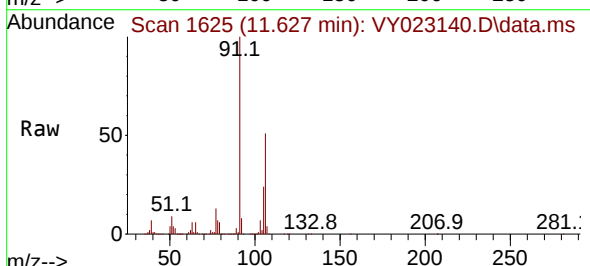
Acq: 19 Aug 2025 10:42

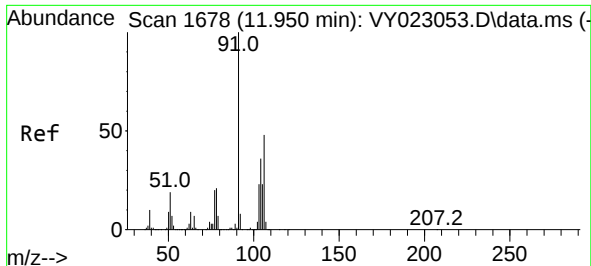
Tgt Ion:106 Resp: 426776

Ion Ratio Lower Upper

106 100

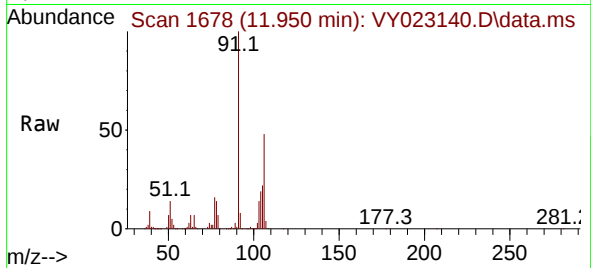
91 196.9 158.6 238.0





#69
o-Xylene
Concen: 20.464 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

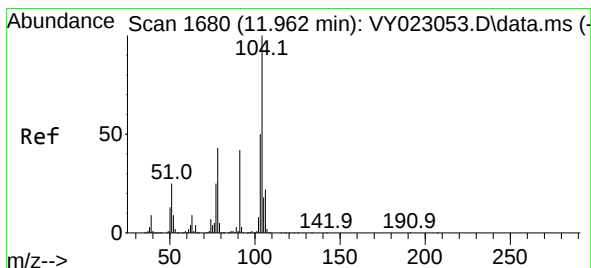
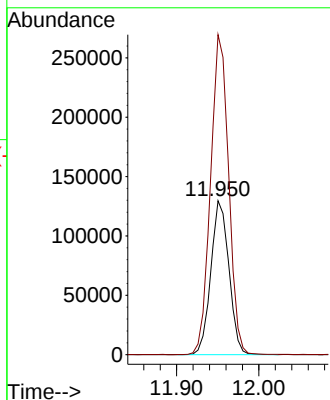
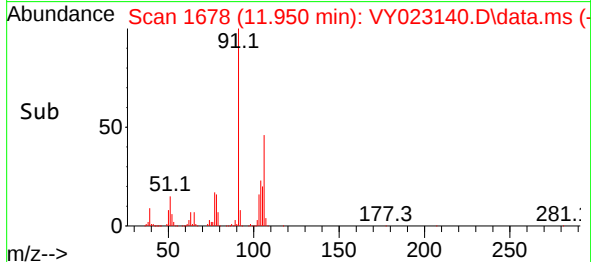
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



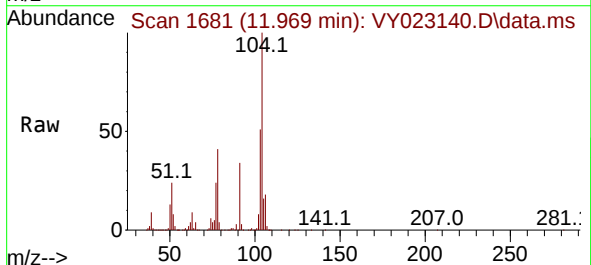
Tgt Ion:106 Resp: 198012
Ion Ratio Lower Upper
106 100
91 207.8 103.2 309.4

Manual Integrations
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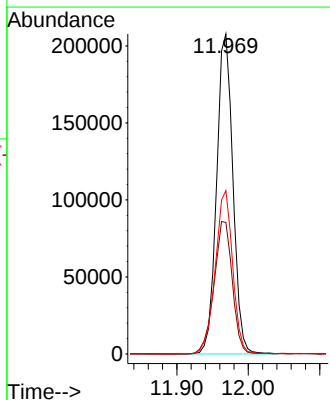
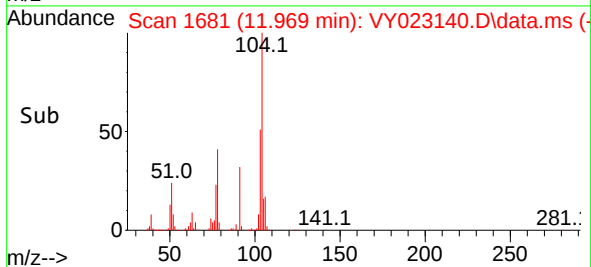
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

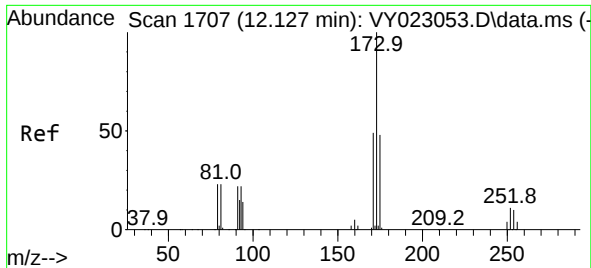


#70
Styrene
Concen: 20.774 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



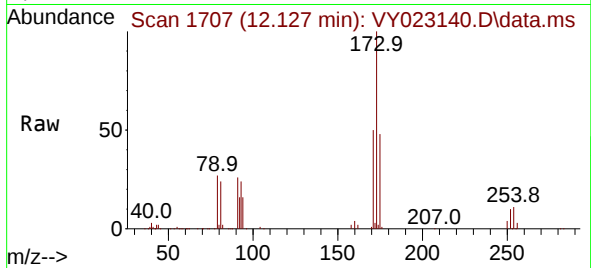
Tgt Ion:104 Resp: 328722
Ion Ratio Lower Upper
104 100
78 46.6 38.5 57.7
103 54.6 43.7 65.5





#71
Bromoform
Concen: 19.677 ug/l
RT: 12.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

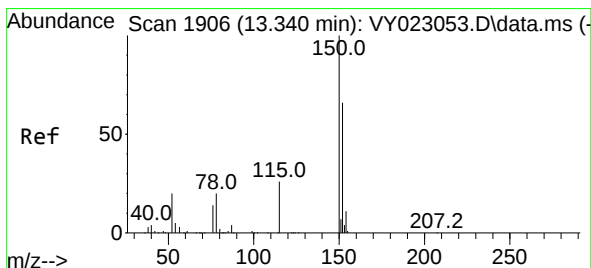
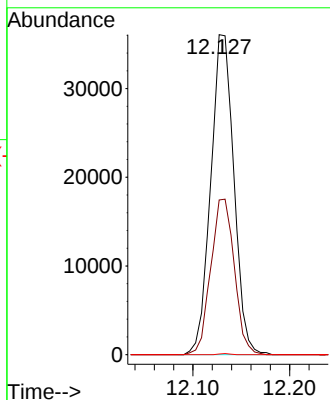
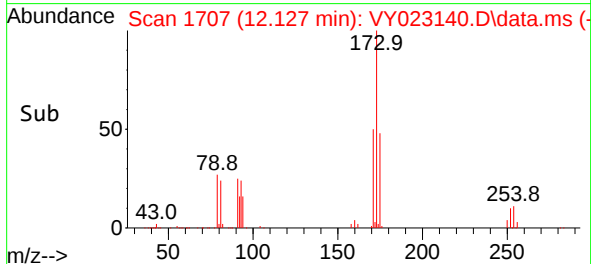
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



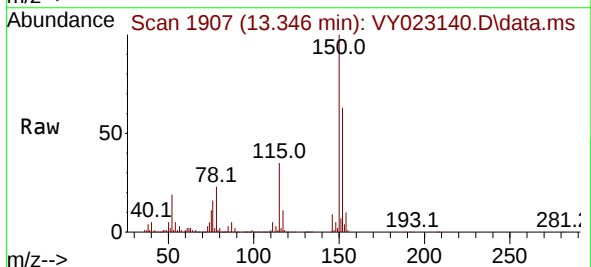
Tgt Ion:173 Resp: 59992
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.2 0.1 0.1

Manual Integrations
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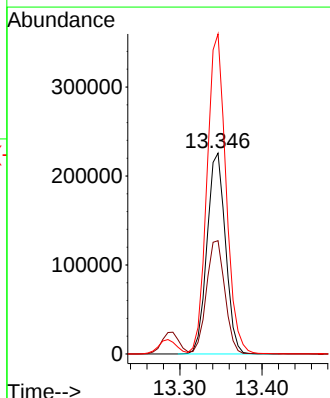
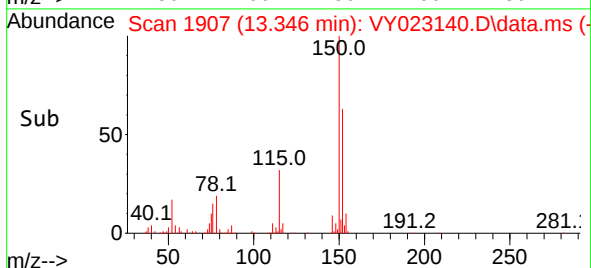
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

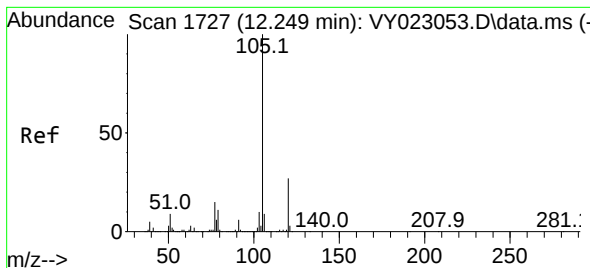


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



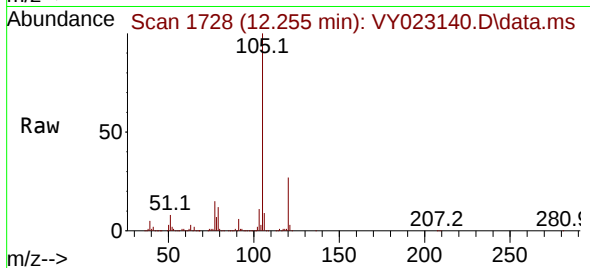
Tgt Ion:152 Resp: 351390
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.6
150 163.9 0.0 348.0





#73
Isopropylbenzene
Concen: 20.772 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

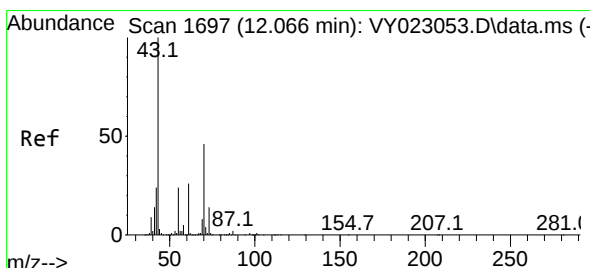
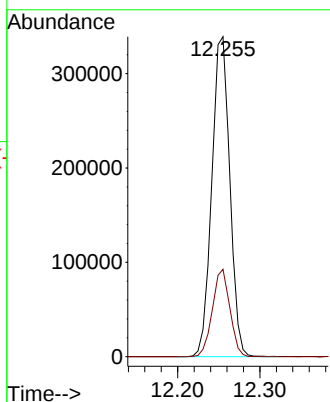
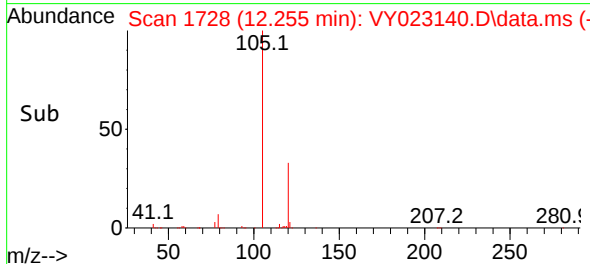
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



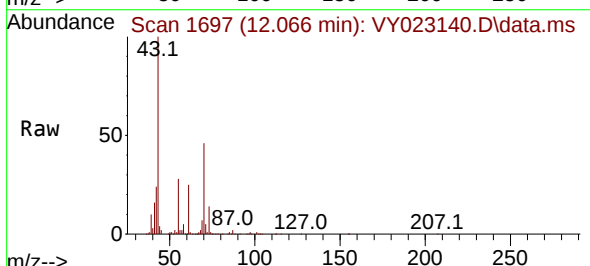
Tgt Ion:105 Resp: 51516
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Manual Integrations
APPROVED

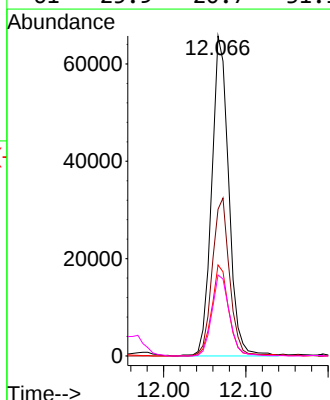
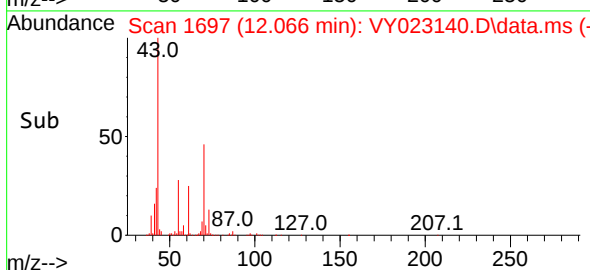
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

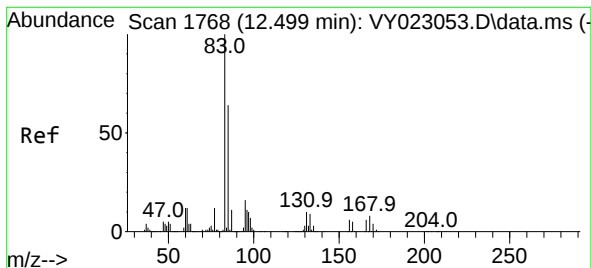


#74
N-ethyl acetate
Concen: 18.063 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



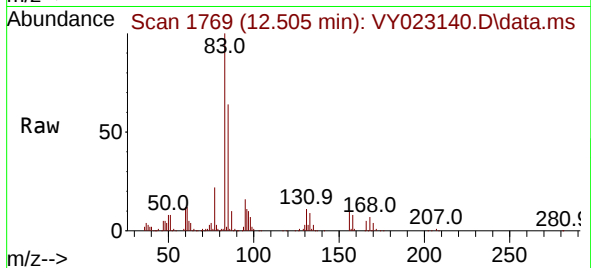
Tgt Ion: 43 Resp: 95001
Ion Ratio Lower Upper
43 100
70 50.2 37.5 56.3
55 28.5 20.7 31.1
61 25.9 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 17.976 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

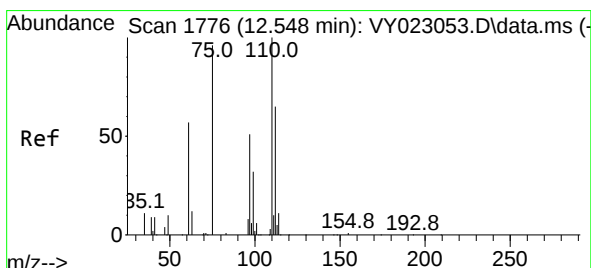
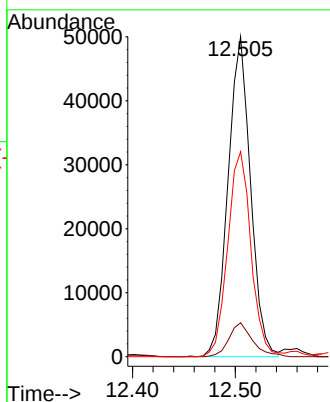
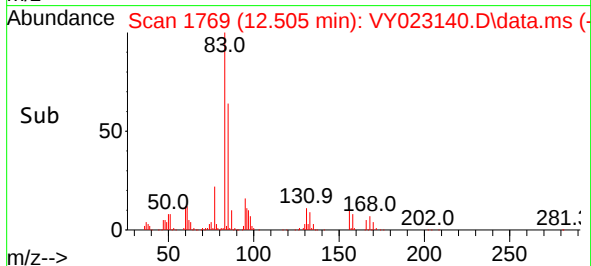
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



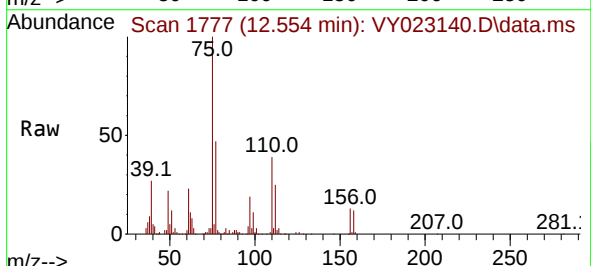
Tgt Ion: 83 Resp: 7612
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 66.4 31.8 95.3

Manual Integrations
APPROVED

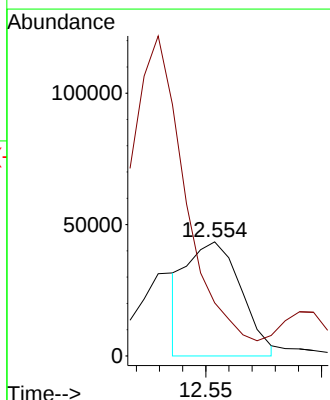
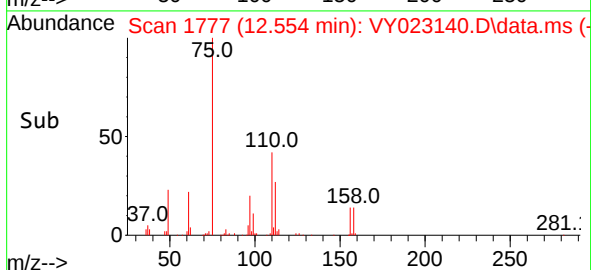
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

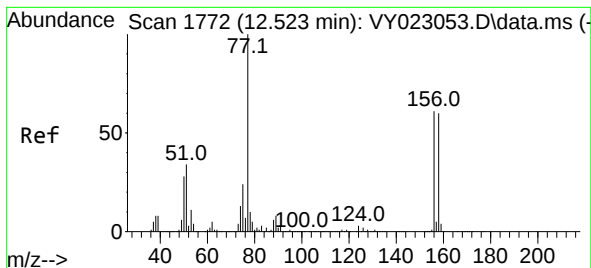


#76
1,2,3-Trichloropropane
Concen: 20.848 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion: 75 Resp: 70701
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.721 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

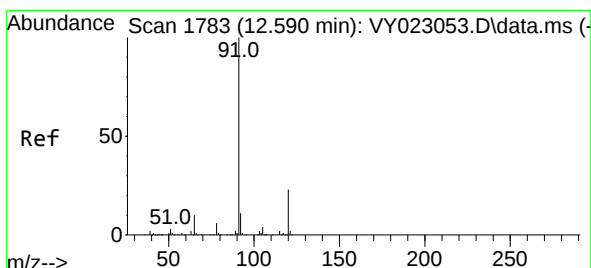
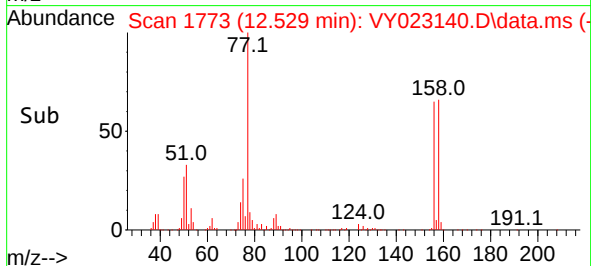
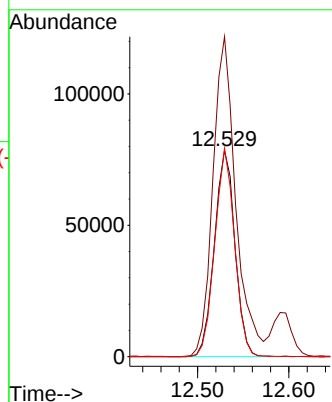
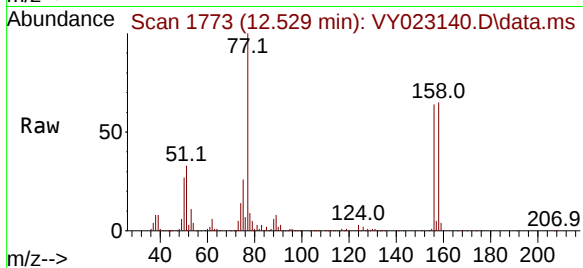
Tgt Ion:	156	Resp:	122602
Ion Ratio	Lower	Upper	
156	100		
77	172.5	88.1	264.4
158	97.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#78

n-propylbenzene

Concen: 21.149 ug/l

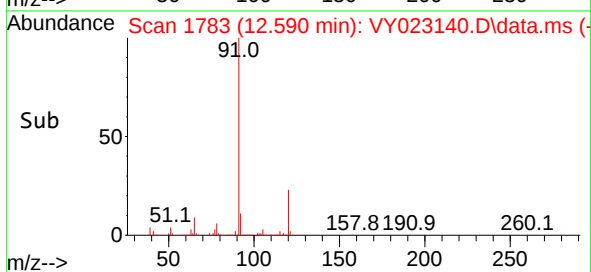
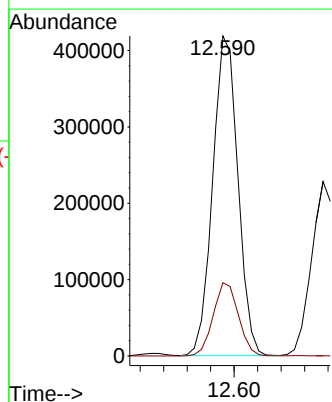
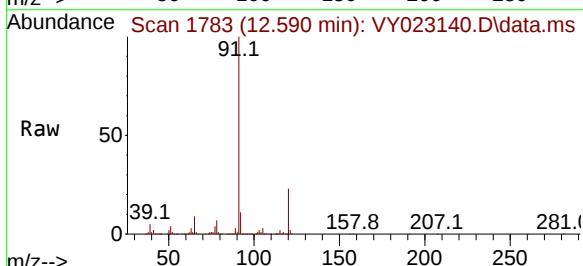
RT: 12.590 min Scan# 1783

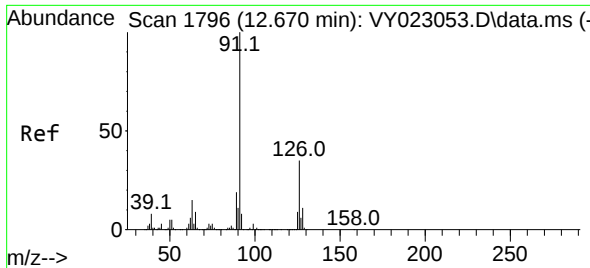
Delta R.T. 0.000 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

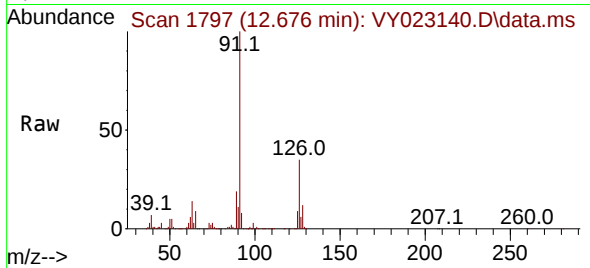
Tgt Ion:	91	Resp:	624469
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





#79
2-Chlorotoluene
Concen: 20.536 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

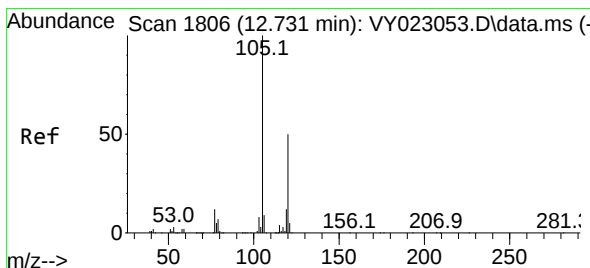
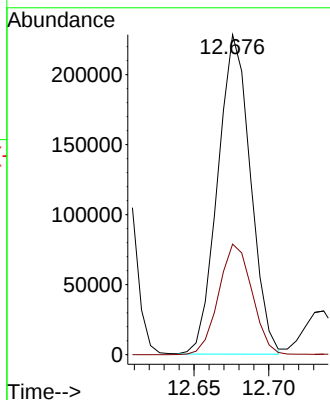
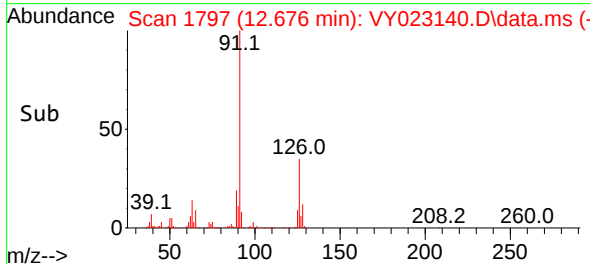
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



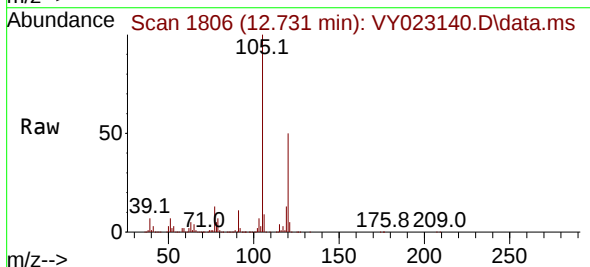
Tgt Ion: 91 Resp: 347424
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3

Manual Integrations
APPROVED

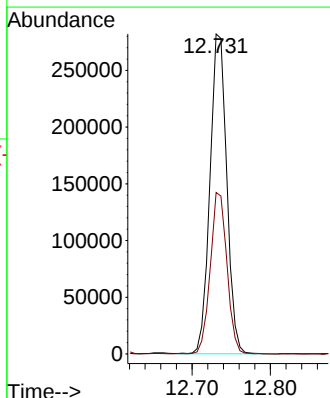
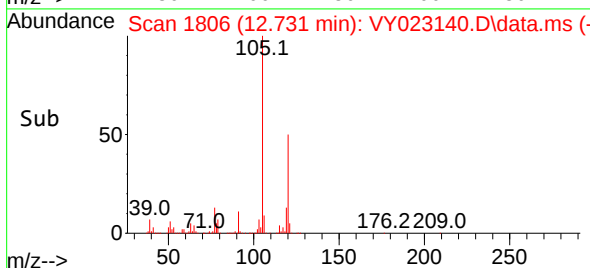
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

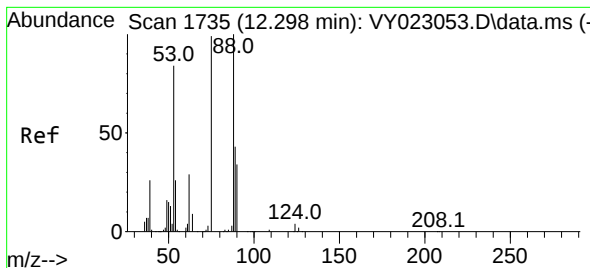


#80
1,3,5-Trimethylbenzene
Concen: 20.922 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



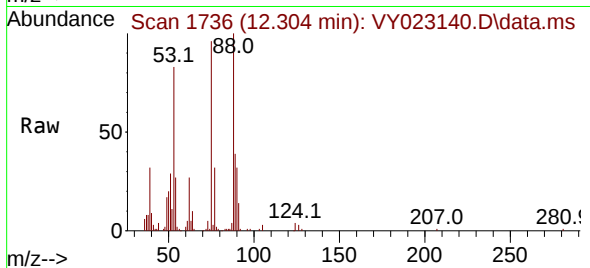
Tgt Ion:105 Resp: 419347
Ion Ratio Lower Upper
105 100
120 50.2 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.888 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

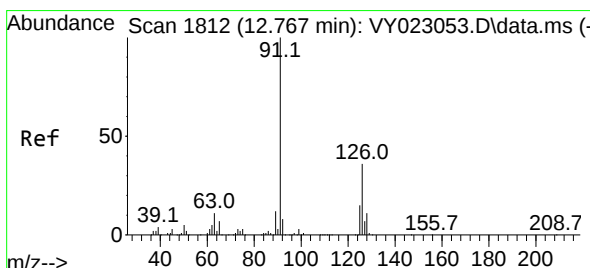
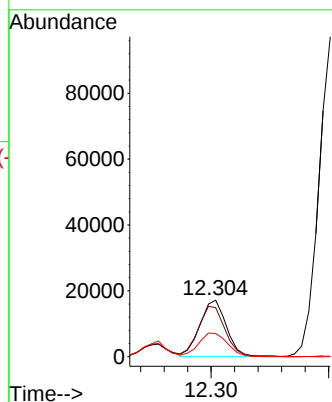
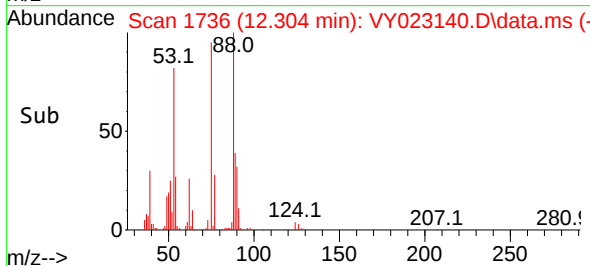
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 75 Resp: 26463
Ion Ratio Lower Upper
75 100
53 89.5 70.8 106.2
89 46.1 38.1 57.1

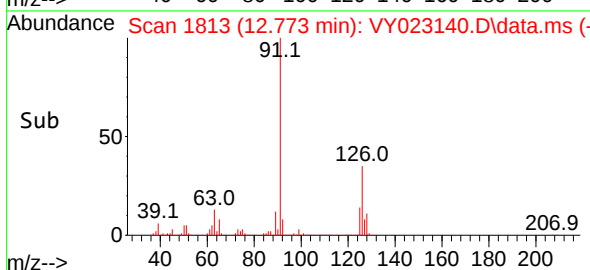
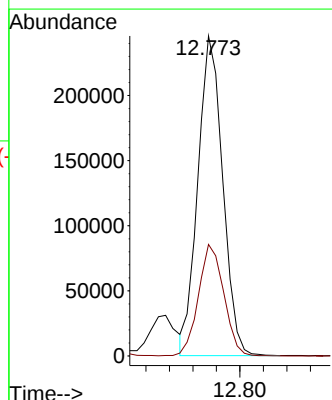
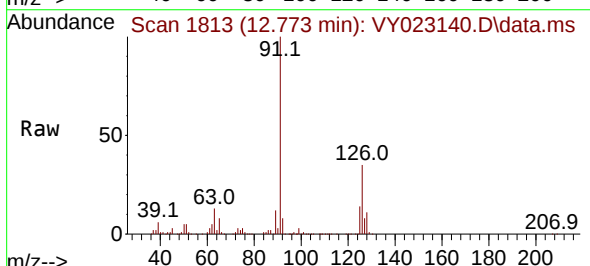
Manual Integrations
APPROVED

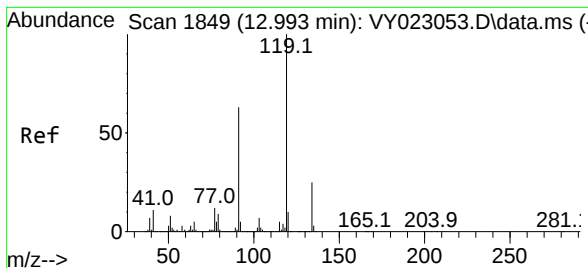
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#82
4-Chlorotoluene
Concen: 20.508 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

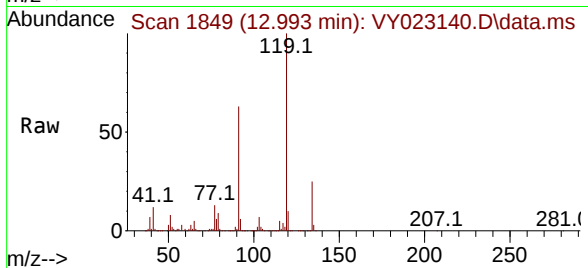
Tgt Ion: 91 Resp: 359924
Ion Ratio Lower Upper
91 100
126 35.8 17.3 52.0





#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

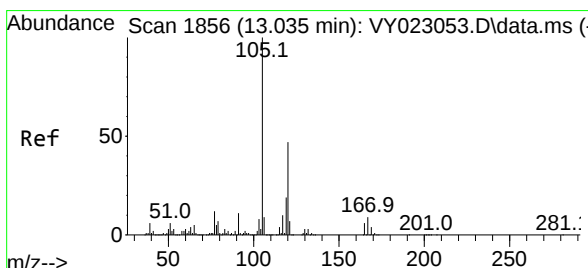
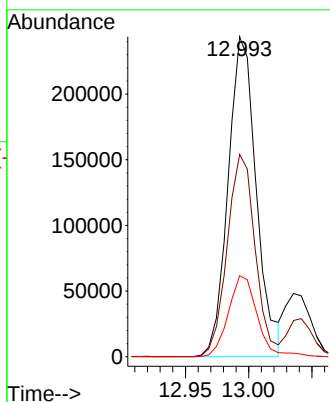
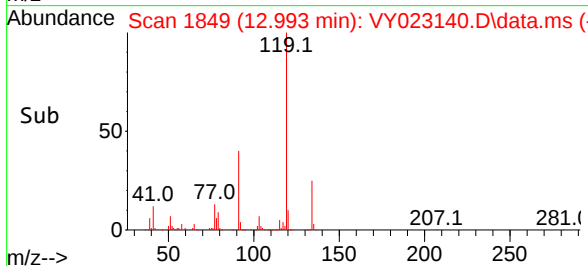
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBSD01



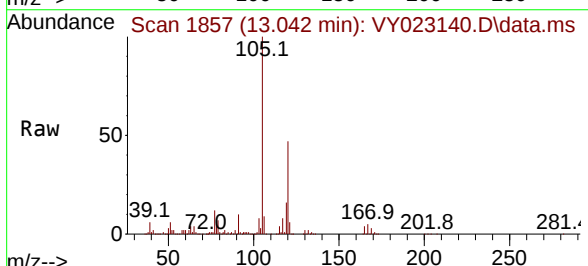
Tgt Ion:119 Resp: 37888
Ion Ratio Lower Upper
119 100
91 62.5 31.6 94.8
134 25.9 12.9 38.7

Manual Integrations
APPROVED

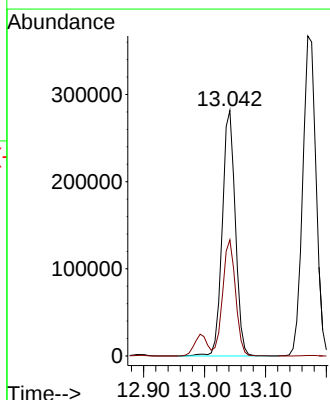
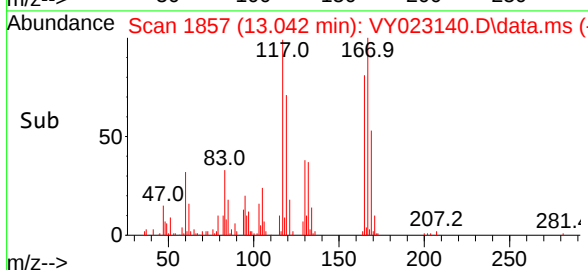
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

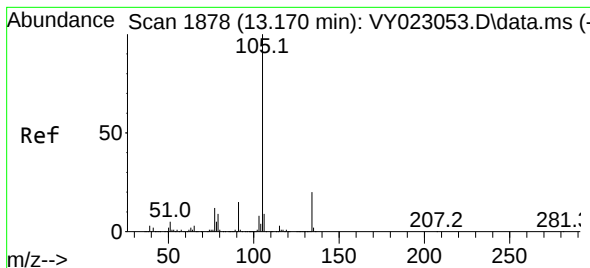


#84
1,2,4-Trimethylbenzene
Concen: 20.959 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



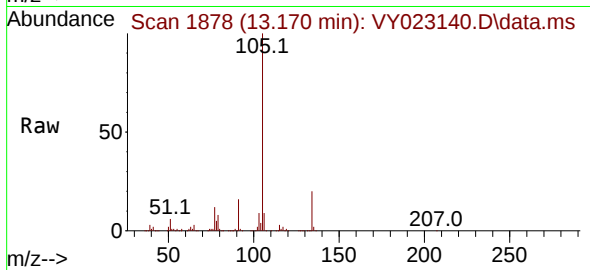
Tgt Ion:105 Resp: 418193
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.967 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023140.D
 Acq: 19 Aug 2025 10:42

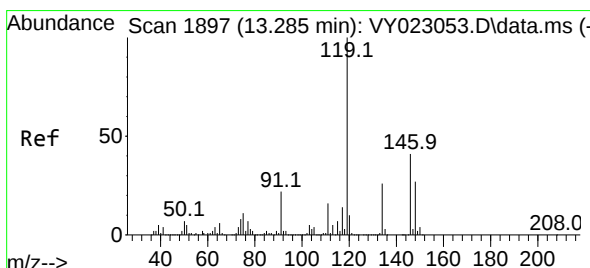
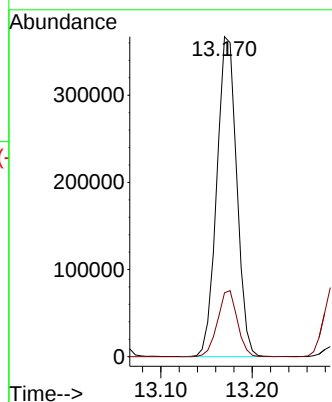
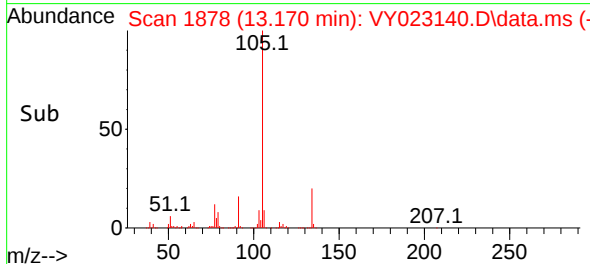
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBSD01



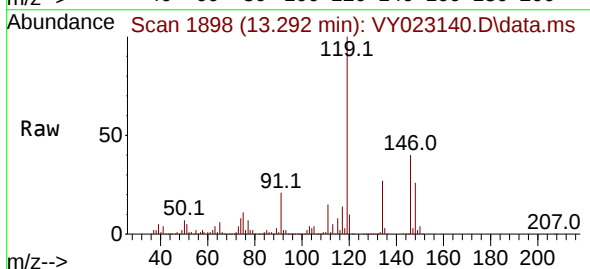
Tgt Ion:105 Resp: 557560
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

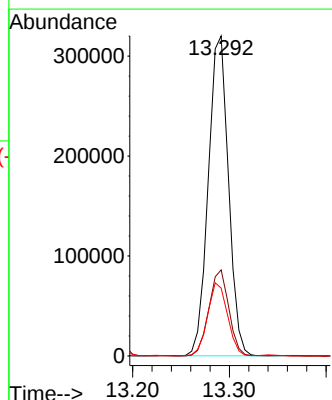
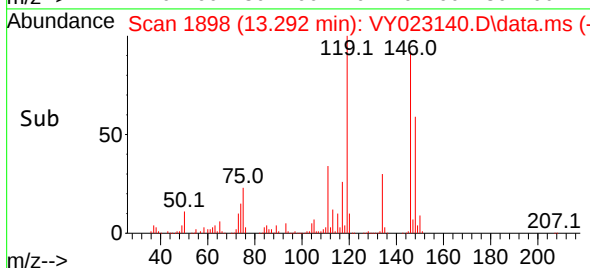
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

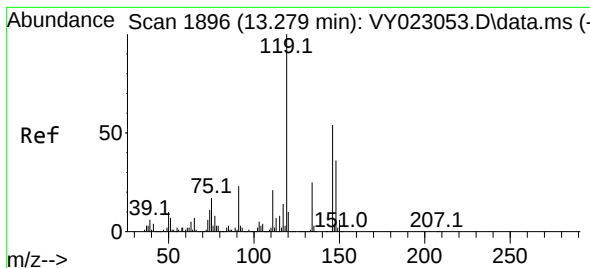


#86
 p-Isopropyltoluene
 Concen: 21.032 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023140.D
 Acq: 19 Aug 2025 10:42



Tgt Ion:119 Resp: 464251
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.772 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023140.D

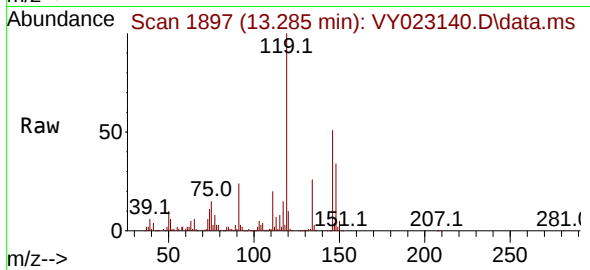
Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01



Tgt Ion:146 Resp: 242368

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

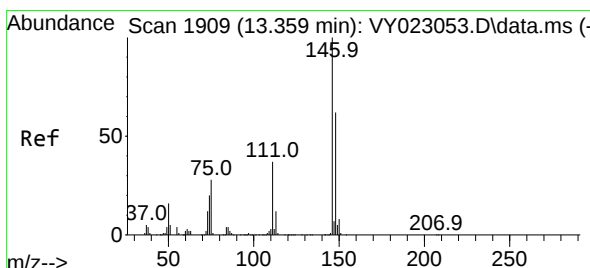
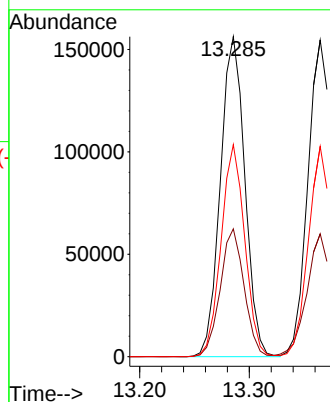
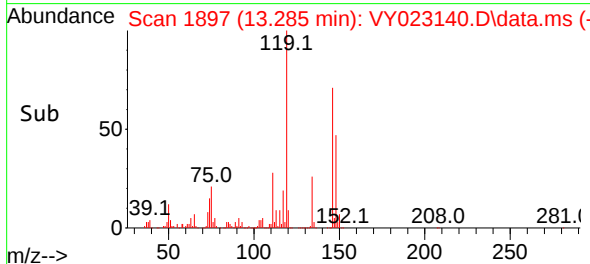
148 64.0 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#88

1,4-Dichlorobenzene

Concen: 20.612 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023140.D

Acq: 19 Aug 2025 10:42

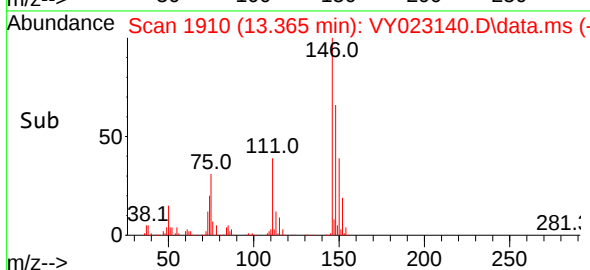
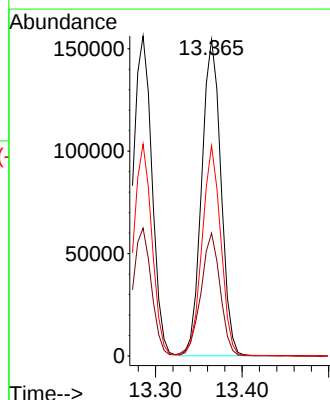
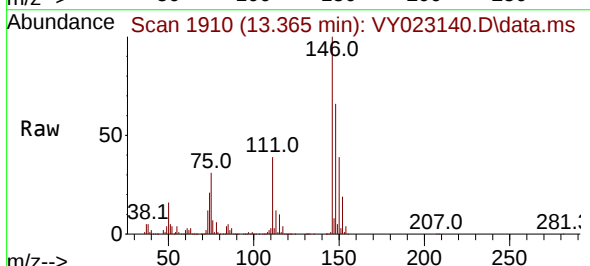
Tgt Ion:146 Resp: 238568

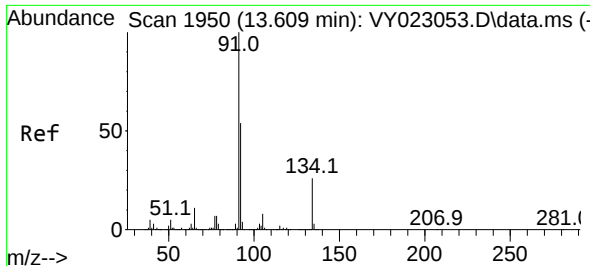
Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

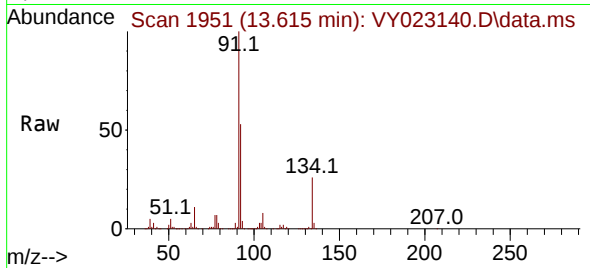
148 64.6 31.6 94.7





#89
n-Butylbenzene
Concen: 21.027 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

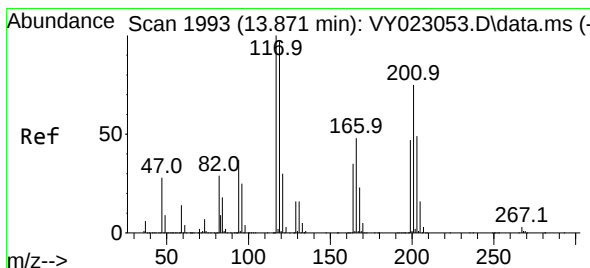
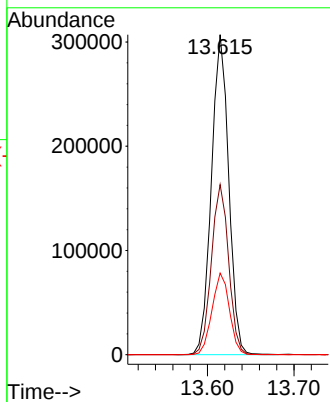
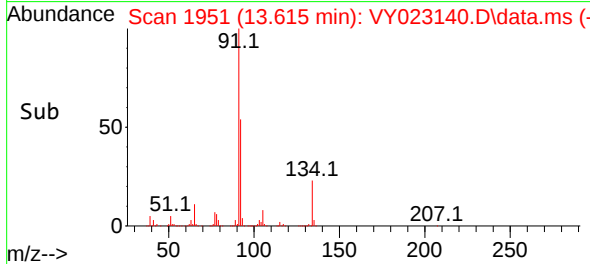
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 91 Resp: 426290
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 25.6 13.2 39.5

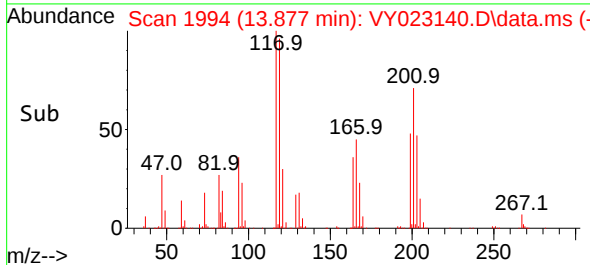
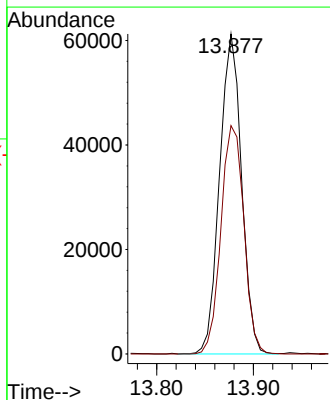
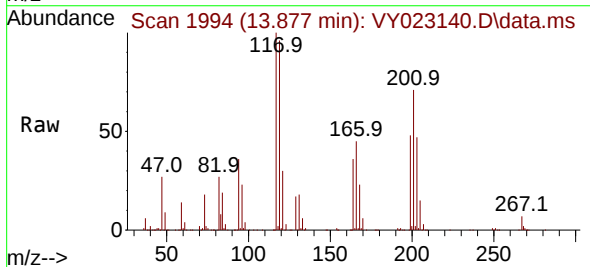
Manual Integrations
APPROVED

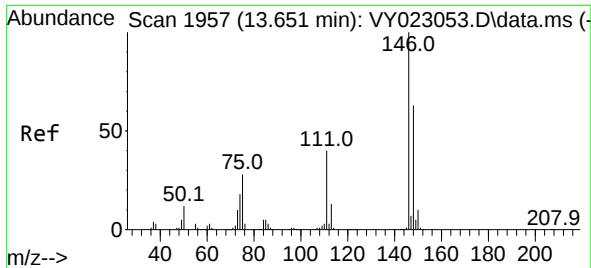
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#90
Hexachloroethane
Concen: 21.322 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

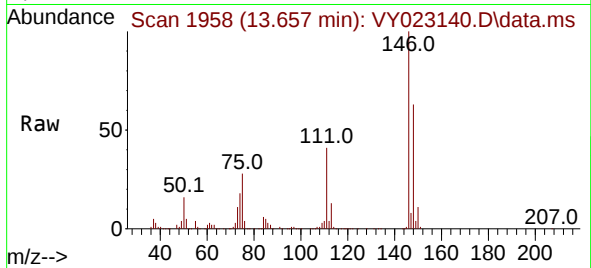
Tgt Ion:117 Resp: 96348
Ion Ratio Lower Upper
117 100
201 74.5 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 20.619 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

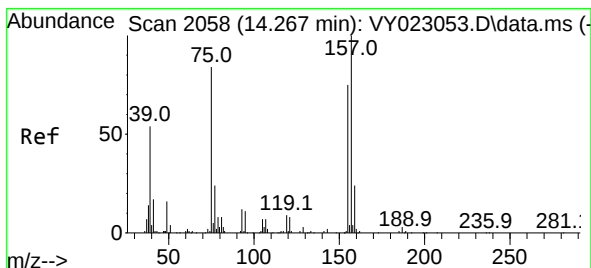
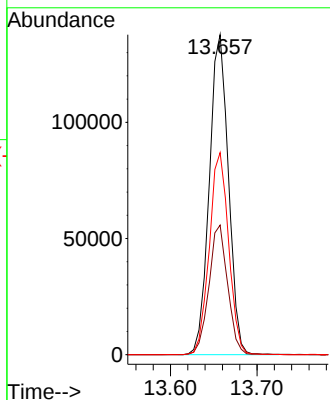
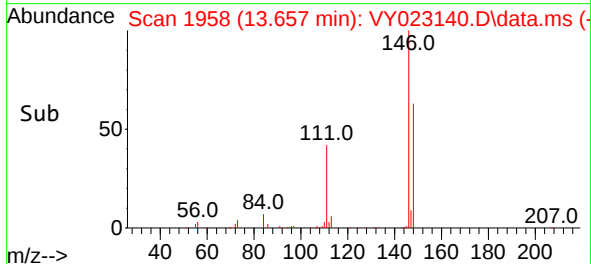
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



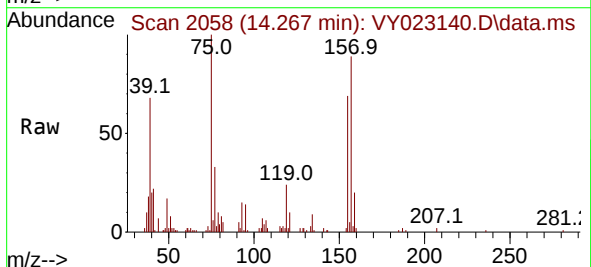
Tgt Ion:146 Resp: 21099
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 64.0 32.2 96.6

Manual Integrations
APPROVED

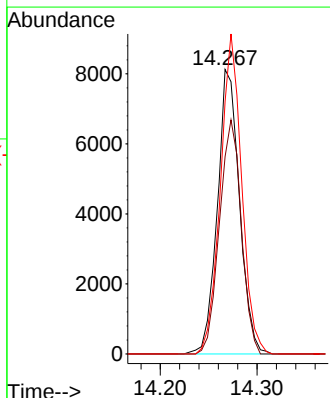
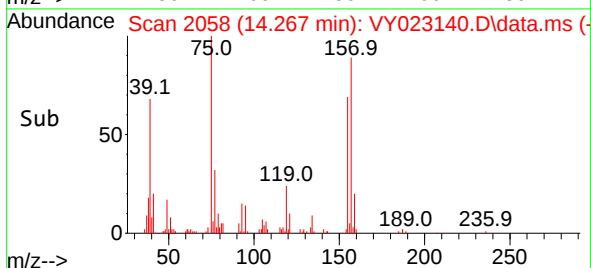
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.529 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion: 75 Resp: 12876
Ion Ratio Lower Upper
75 100
155 81.1 43.9 131.6
157 107.9 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.300 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023140.D

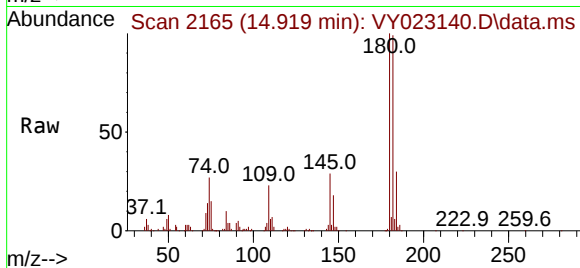
Acq: 19 Aug 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01



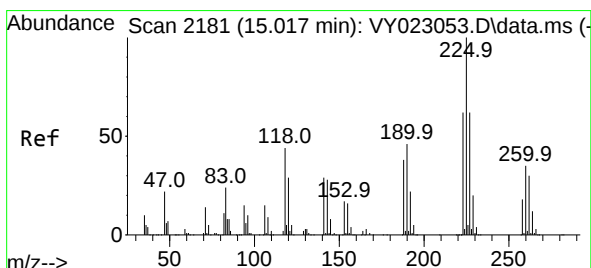
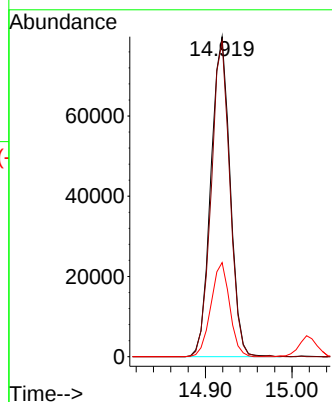
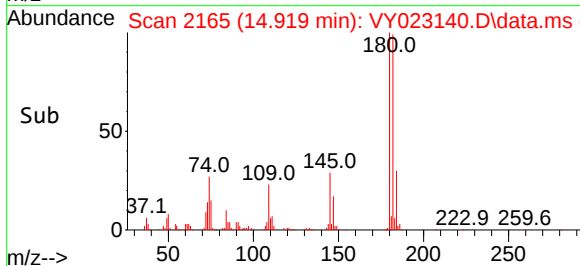
Tgt Ion:	180	Resp:	12284
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.8	140.4
145	28.7	14.4	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#94

Hexachlorobutadiene

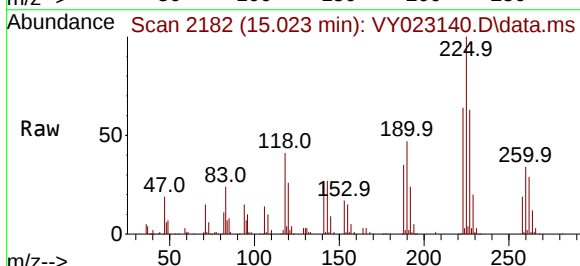
Concen: 20.784 ug/l

RT: 15.023 min Scan# 2182

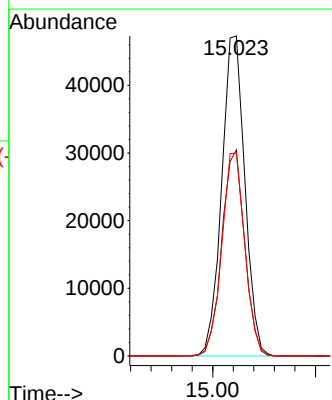
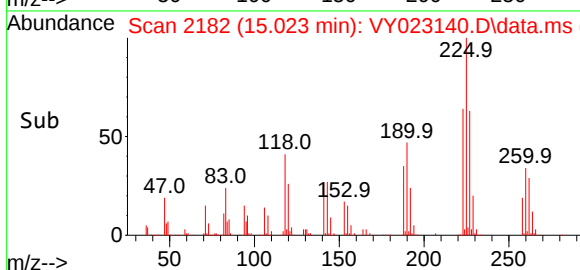
Delta R.T. 0.006 min

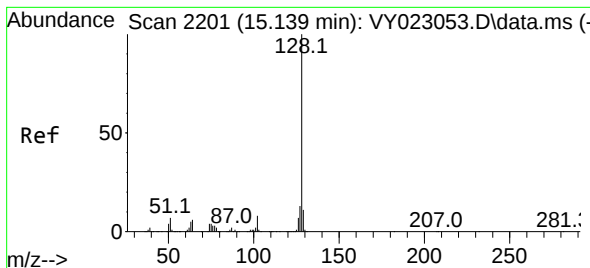
Lab File: VY023140.D

Acq: 19 Aug 2025 10:42



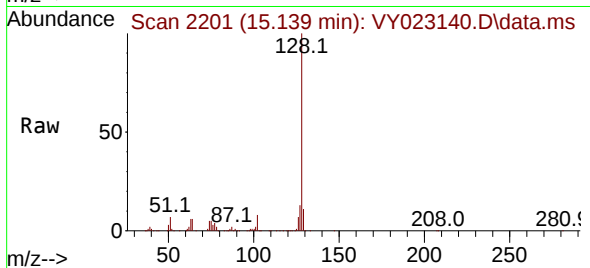
Tgt Ion:	225	Resp:	73904
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.3	93.8
227	63.2	31.5	94.5





#95
Naphthalene
Concen: 19.402 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42

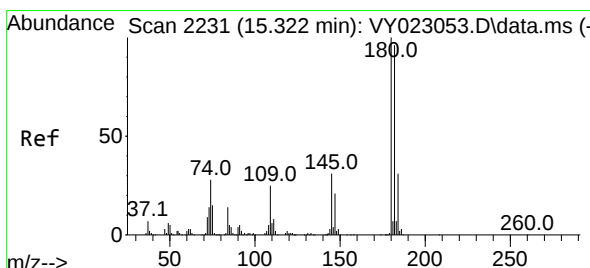
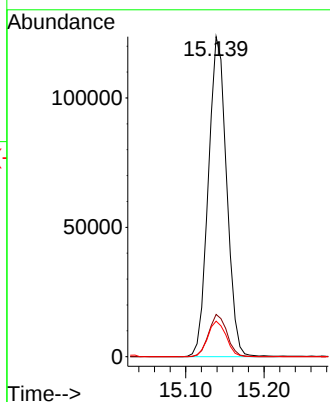
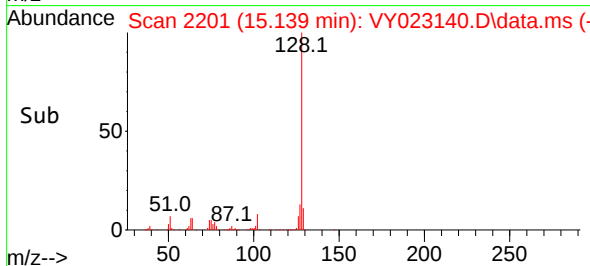
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



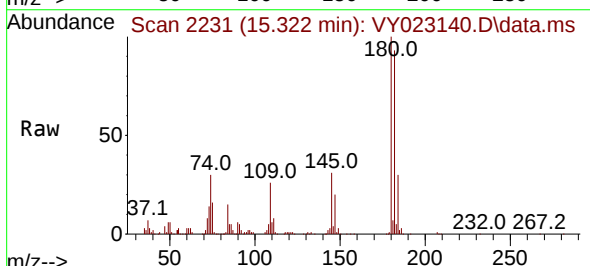
Tgt Ion:128 Resp: 200198
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 9.0 13.4

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#96
1,2,3-Trichlorobenzene
Concen: 20.037 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY023140.D
Acq: 19 Aug 2025 10:42



Tgt Ion:180 Resp: 104481
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.7
145 32.2 15.9 47.7

