

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021533.D
 Acq On : 14 Mar 2025 12:13
 Operator : SY/MD
 Sample : VY0314SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBS01

Quant Time: Mar 15 02:00:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	191852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	294233	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	263379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114086	56.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.520%	
35) Dibromofluoromethane	7.628	113	108705	56.206	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.420%	
50) Toluene-d8	10.103	98	401176	54.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.560%	
62) 4-Bromofluorobenzene	12.401	95	138807	55.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.440%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	37641	21.380	ug/l	98
3) Chloromethane	2.068	50	56288	22.677	ug/l	97
4) Vinyl Chloride	2.202	62	64490	23.775	ug/l	98
5) Bromomethane	2.586	94	43906	22.396	ug/l	98
6) Chloroethane	2.732	64	45240	25.238	ug/l	92
7) Trichlorofluoromethane	3.050	101	97237	25.683	ug/l	98
8) Diethyl Ether	3.452	74	23879	22.759	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	48228	22.311	ug/l	99
10) Methyl Iodide	4.001	142	47253	21.505	ug/l	99
11) Tert butyl alcohol	4.848	59	18532	129.723	ug/l	99
12) 1,1-Dichloroethene	3.781	96	41046	20.828	ug/l	96
13) Acrolein	3.647	56	13036	126.392	ug/l	95
14) Allyl chloride	4.379	41	68531	21.518	ug/l	99
15) Acrylonitrile	5.055	53	54481	121.979	ug/l	98
16) Acetone	3.866	43	48672	110.050	ug/l	94
17) Carbon Disulfide	4.098	76	123142	19.938	ug/l	100
18) Methyl Acetate	4.385	43	23658	24.108	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	110982	22.219	ug/l	96
20) Methylene Chloride	4.616	84	51523	22.193	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	47301	21.432	ug/l	93
22) Diisopropyl ether	6.018	45	154634	22.530	ug/l	99
23) Vinyl Acetate	5.958	43	447911	114.348	ug/l	98
24) 1,1-Dichloroethane	5.909	63	90227	22.274	ug/l	99
25) 2-Butanone	6.890	43	71139	116.279	ug/l	94
26) 2,2-Dichloropropane	6.884	77	77575	20.813	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	55483	22.129	ug/l	97
28) Bromochloromethane	7.244	49	36066	21.237	ug/l	96
29) Tetrahydrofuran	7.256	42	44297	117.283	ug/l	99
30) Chloroform	7.415	83	94900	22.561	ug/l	99
31) Cyclohexane	7.695	56	76736	20.206	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	85031	22.077	ug/l	99
36) 1,1-Dichloropropene	7.829	75	65384	21.598	ug/l	100
37) Ethyl Acetate	6.982	43	31118	23.256	ug/l	97
38) Carbon Tetrachloride	7.811	117	78113	22.435	ug/l	99
39) Methylcyclohexane	9.103	83	75497	20.331	ug/l	96
40) Benzene	8.073	78	198305	22.237	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	44459	61.022	ug/l #	36
42) 1,2-Dichloroethane	8.152	62	59018	23.656	ug/l	100
43) Isopropyl Acetate	8.195	43	61976	23.860	ug/l #	87
44) Trichloroethene	8.859	130	49610	22.014	ug/l	93
45) 1,2-Dichloropropane	9.140	63	48132	22.677	ug/l	100
46) Dibromomethane	9.231	93	27548	23.327	ug/l	100
47) Bromodichloromethane	9.420	83	72124	22.997	ug/l	97
48) Methyl methacrylate	9.219	41	27399	22.971	ug/l	99
49) 1,4-Dioxane	9.225	88	5861	505.624	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	162270	121.076	ug/l	98
52) Toluene	10.170	92	123911	22.039	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	63542	22.996	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	73877	22.520	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	37674	24.387	ug/l	97
56) Ethyl methacrylate	10.438	69	44911	22.795	ug/l	99
57) 1,3-Dichloropropane	10.713	76	61970	23.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	92815	102.051	ug/l	100
59) 2-Hexanone	10.755	43	107327	121.110	ug/l	96
60) Dibromochloromethane	10.908	129	49470	23.359	ug/l	100
61) 1,2-Dibromoethane	11.012	107	34233	23.480	ug/l	99
64) Tetrachloroethene	10.646	164	54385	25.393	ug/l	99
65) Chlorobenzene	11.438	112	138056	22.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	49631	22.571	ug/l	98
67) Ethyl Benzene	11.518	91	232315	21.281	ug/l	99
68) m/p-Xylenes	11.627	106	179031	43.197	ug/l	99
69) o-Xylene	11.950	106	83006	21.731	ug/l	100
70) Styrene	11.969	104	141660	22.355	ug/l	99
71) Bromoform	12.133	173	28365	23.076	ug/l #	99
73) Isopropylbenzene	12.255	105	223880	20.319	ug/l	99
74) N-amyl acetate	12.066	43	52309	21.860	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	40756	20.961	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	54761	38.851	ug/l #	100
77) Bromobenzene	12.530	156	53670	20.821	ug/l	99
78) n-propylbenzene	12.590	91	279766	20.907	ug/l	99
79) 2-Chlorotoluene	12.676	91	159673	20.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	185228	20.686	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12460	20.096	ug/l	97
82) 4-Chlorotoluene	12.773	91	166186	20.975	ug/l	100
83) tert-Butylbenzene	12.993	119	165720	20.746	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	185695	20.887	ug/l	100
85) sec-Butylbenzene	13.176	105	245955	20.695	ug/l	99
86) p-Isopropyltoluene	13.292	119	204282	20.864	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	107663	20.982	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	106571	21.237	ug/l	98
89) n-Butylbenzene	13.615	91	189834	20.996	ug/l	100
90) Hexachloroethane	13.877	117	43363	20.760	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	95474	21.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6646	22.818	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	52609	21.901	ug/l	99
94) Hexachlorobutadiene	15.023	225	33812	22.455	ug/l	100
95) Naphthalene	15.145	128	82933	22.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	45694	22.618	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

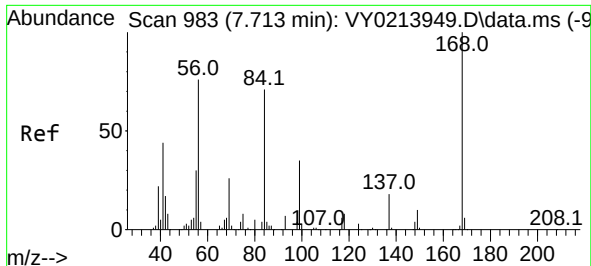
Quant Time: Mar 15 02:00:55 2025
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QLast Update : Wed Mar 05 12:42:45 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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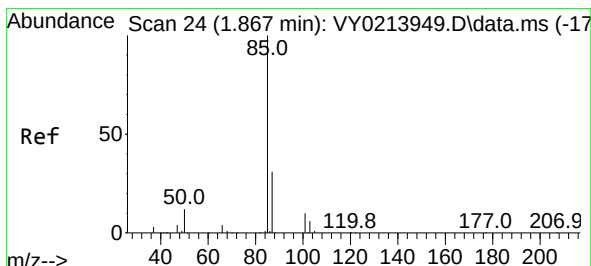
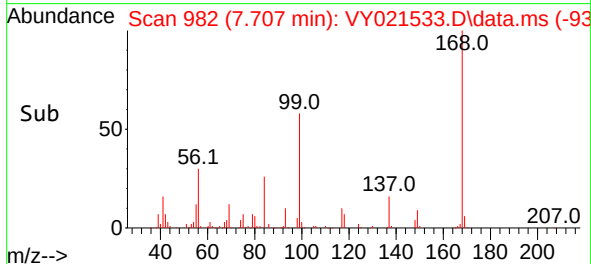
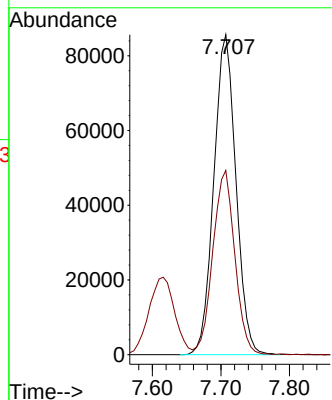
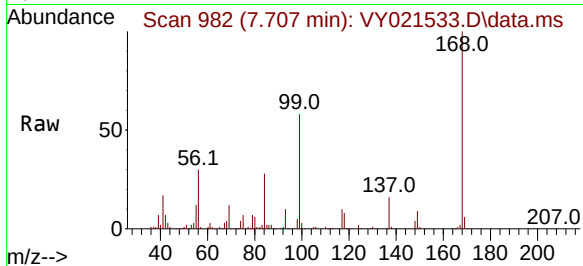




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

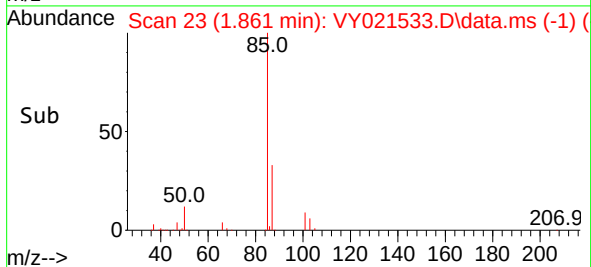
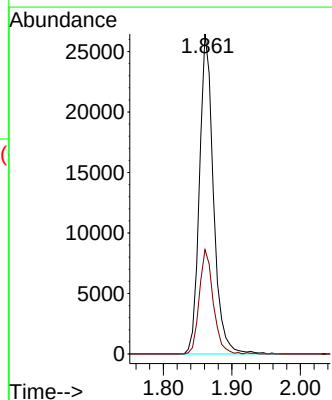
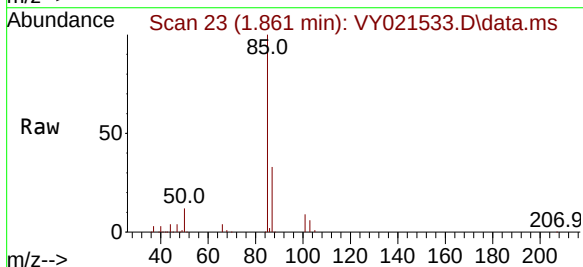
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

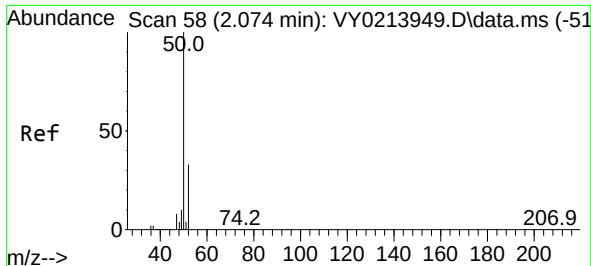
Tgt Ion:168 Resp: 191852
Ion Ratio Lower Upper
168 100
99 57.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 21.380 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 85 Resp: 37641
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

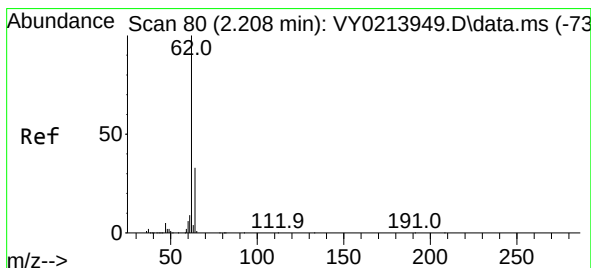
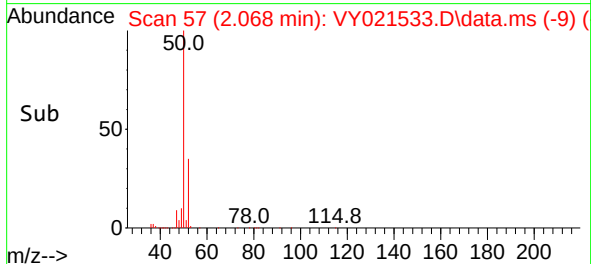
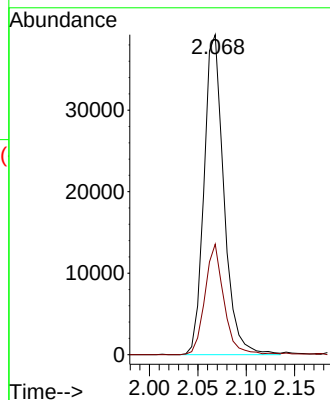
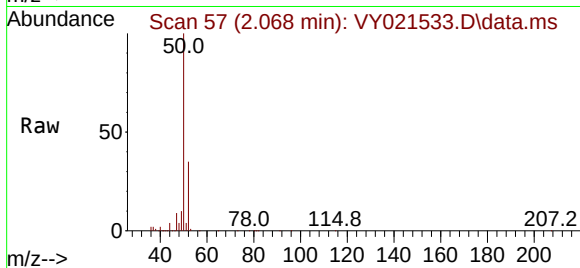




#3
Chloromethane
Concen: 22.677 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

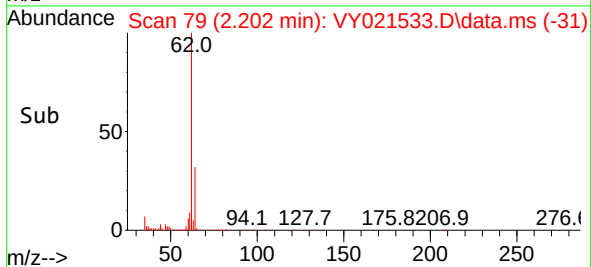
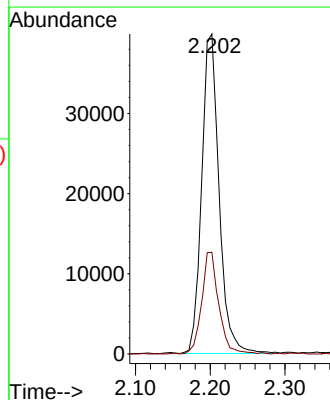
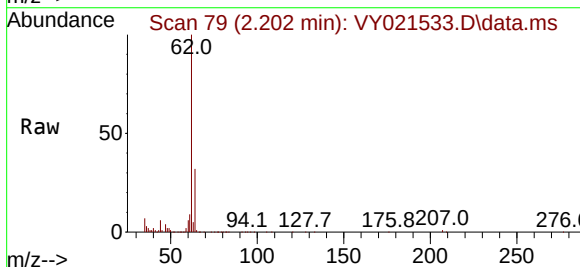
Instrument :
MSVOA_Y
ClientSampleId :
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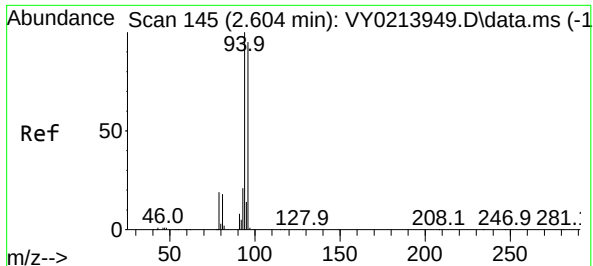
Tgt Ion: 50 Resp: 56288
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



#4
Vinyl Chloride
Concen: 23.775 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 62 Resp: 64490
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

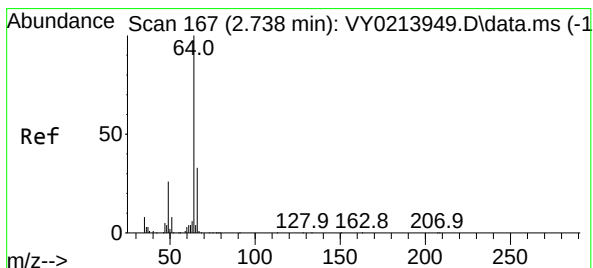
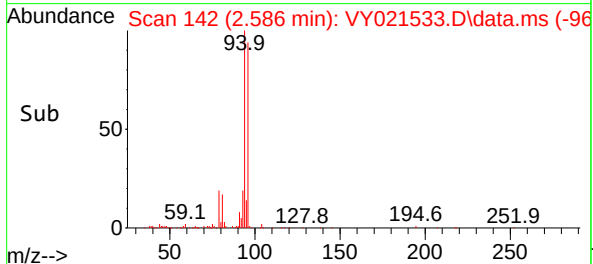
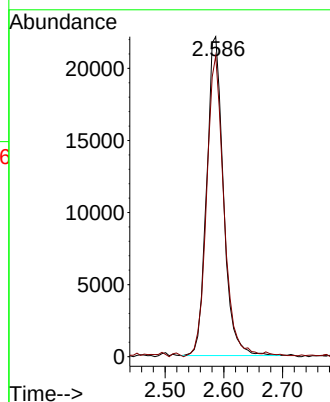
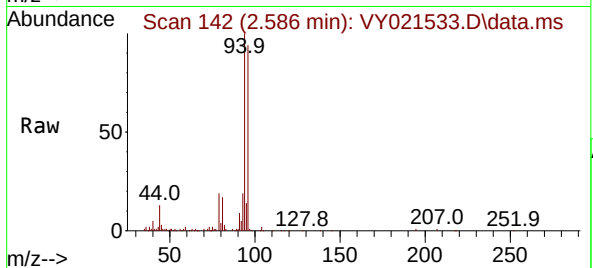




#5
Bromomethane
Concen: 22.396 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

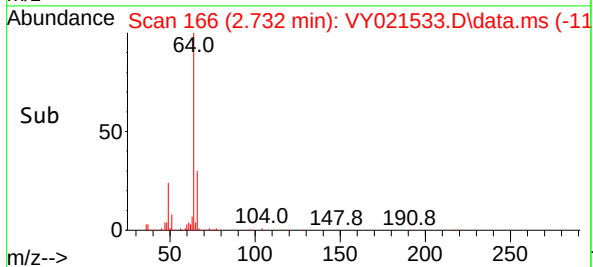
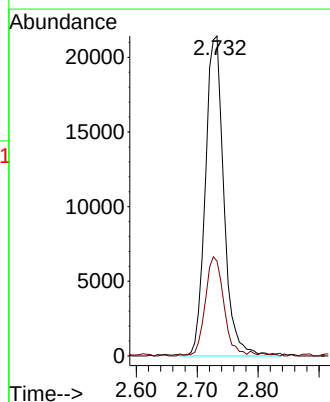
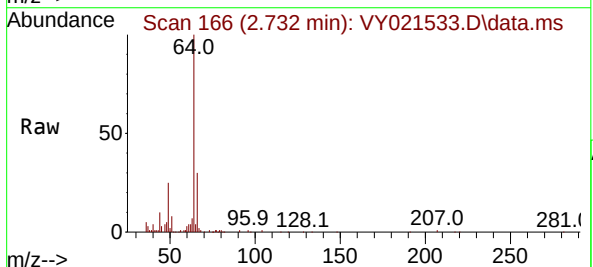
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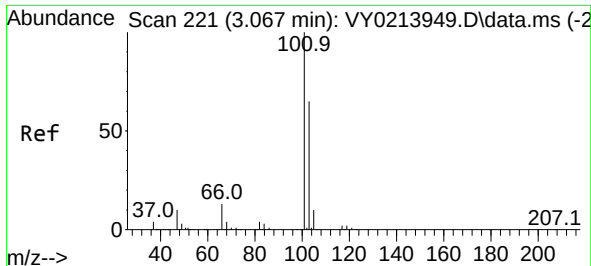
Tgt Ion: 94 Resp: 43906
Ion Ratio Lower Upper
94 100
96 93.8 76.3 114.5



#6
Chloroethane
Concen: 25.238 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 64 Resp: 45240
Ion Ratio Lower Upper
64 100
66 29.0 26.7 40.1

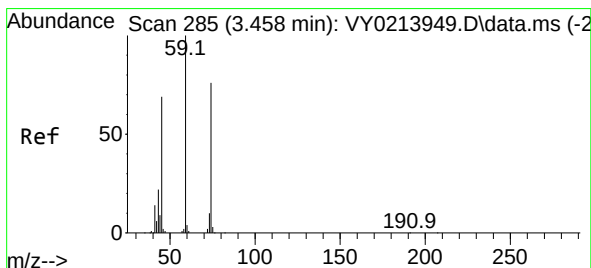
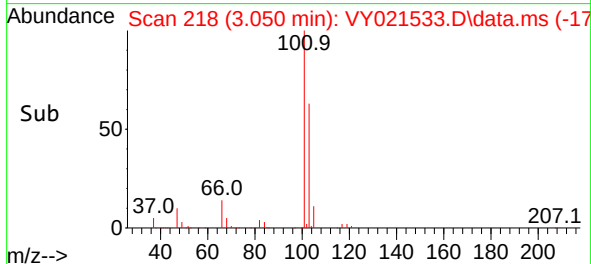
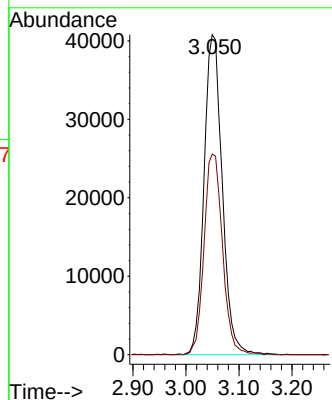
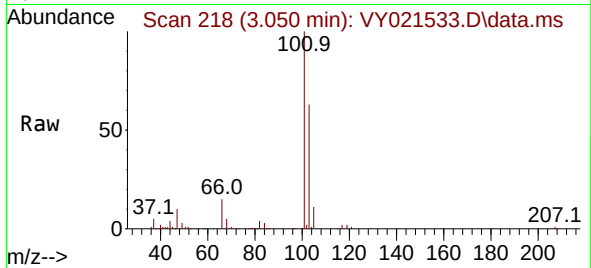




#7
 Trichlorofluoromethane
 Concen: 25.683 ug/l
 RT: 3.050 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

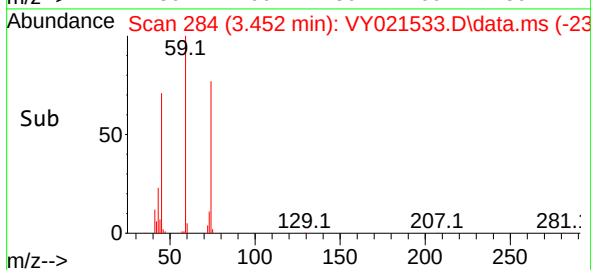
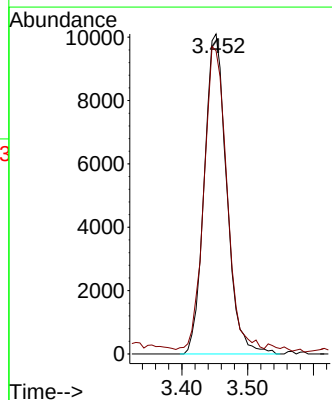
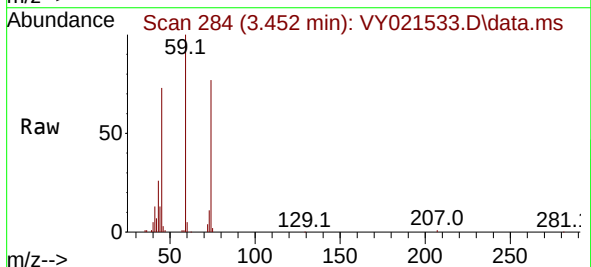
Instrument :
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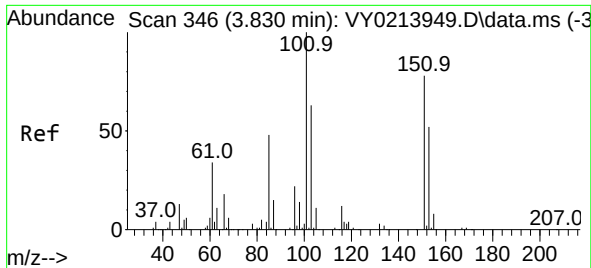
Tgt Ion:101 Resp: 97237
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 22.759 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion: 74 Resp: 23879
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.7 149.1

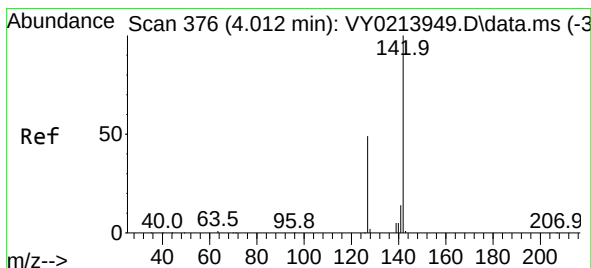
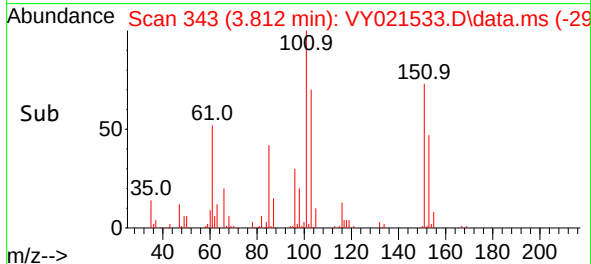
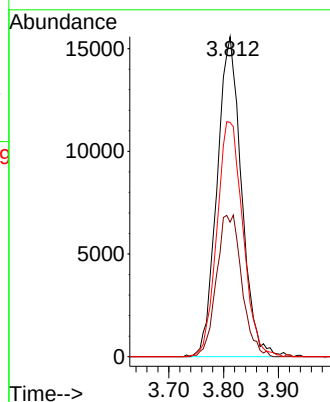
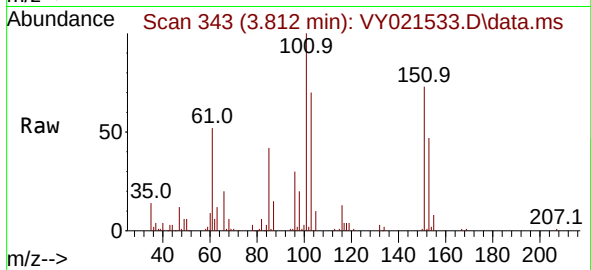




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.311 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021533.D
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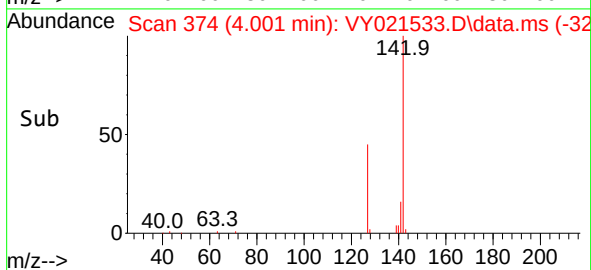
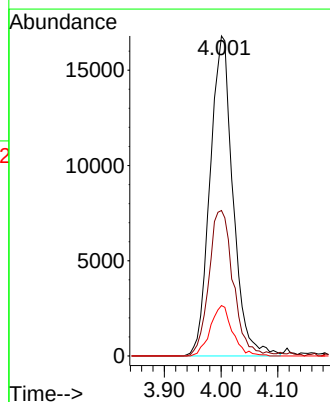
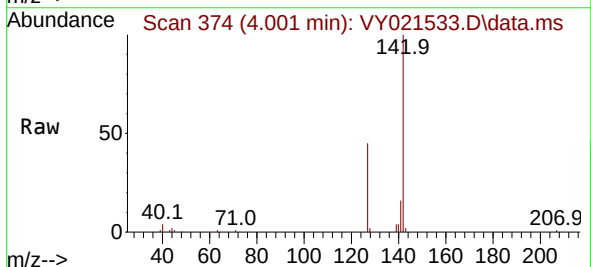
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

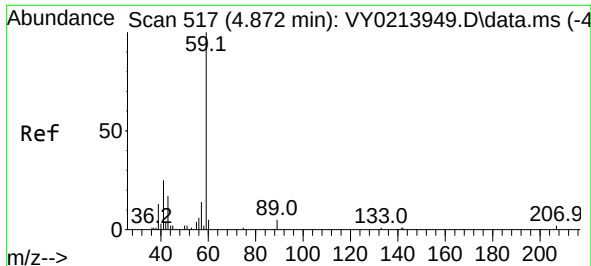
Tgt Ion:101 Resp: 48228
Ion Ratio Lower Upper
101 100
85 46.1 37.1 55.7
151 78.1 62.1 93.1



#10
Methyl Iodide
Concen: 21.505 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:142 Resp: 47253
Ion Ratio Lower Upper
142 100
127 48.4 39.1 58.7
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 129.723 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

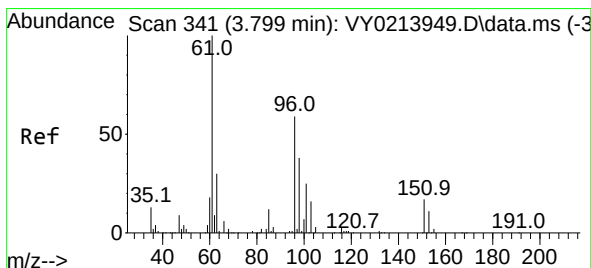
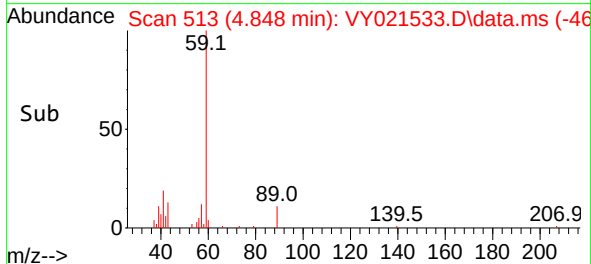
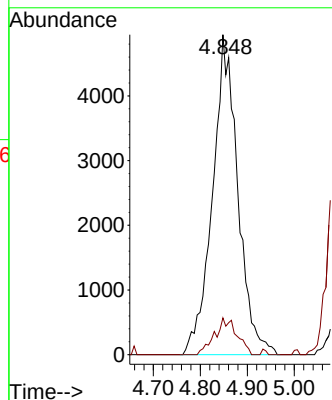
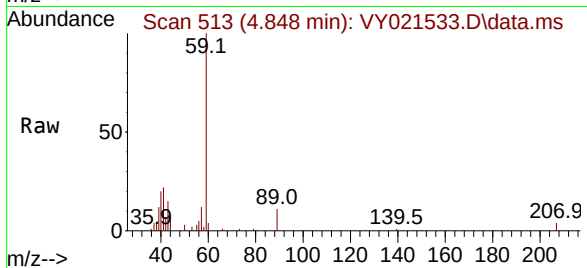
VY0314SBS01

Tgt Ion: 59 Resp: 18532

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 20.828 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.018 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

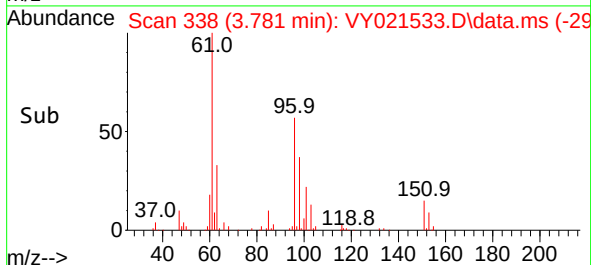
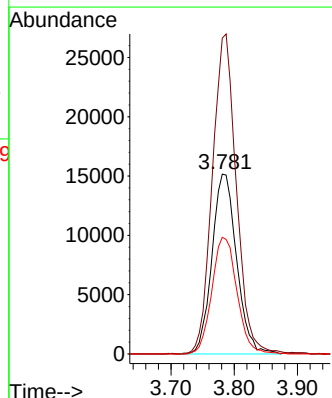
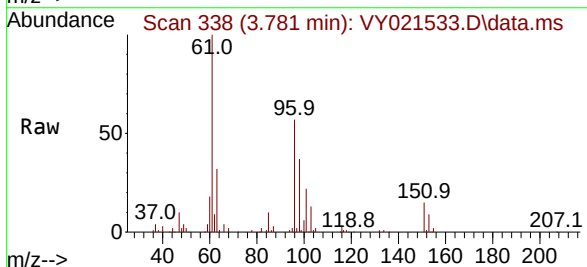
Tgt Ion: 96 Resp: 41046

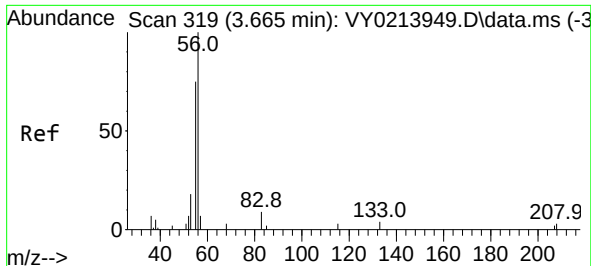
Ion Ratio Lower Upper

96 100

61 175.6 135.2 202.8

98 64.9 51.4 77.2

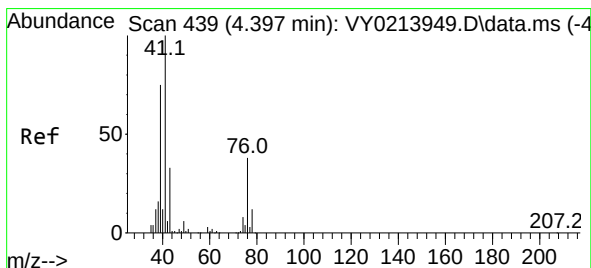
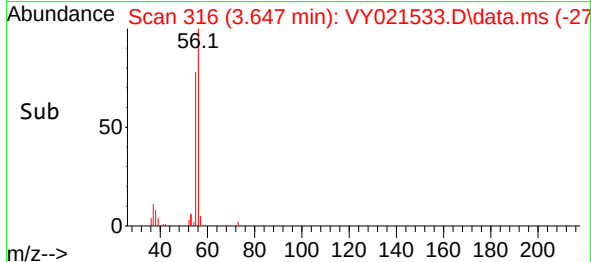
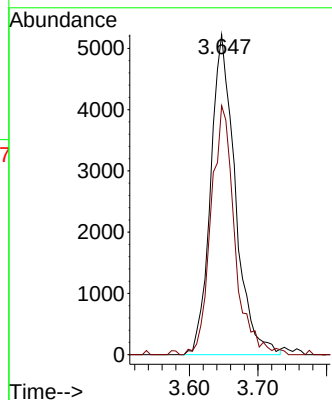
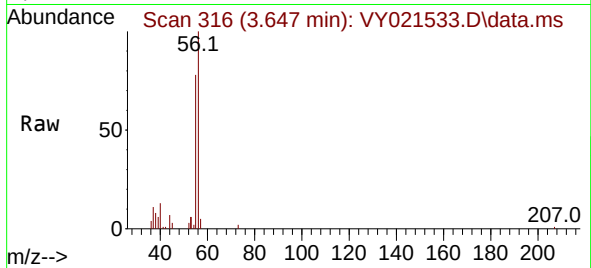




#13
Acrolein
Concen: 126.392 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

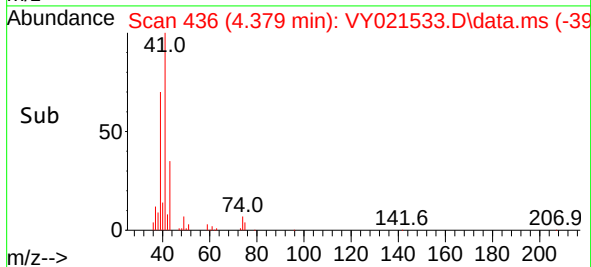
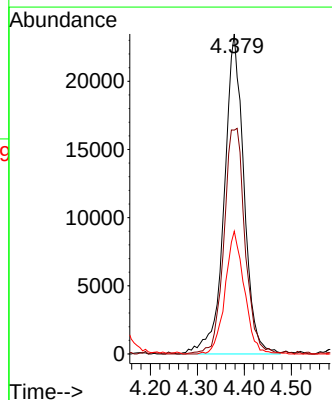
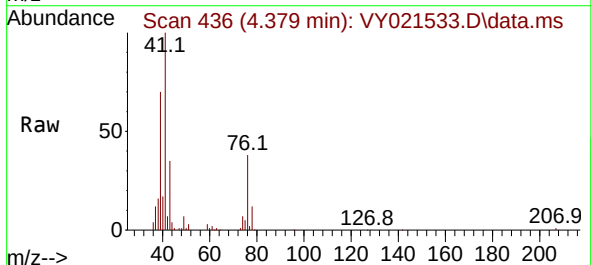
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

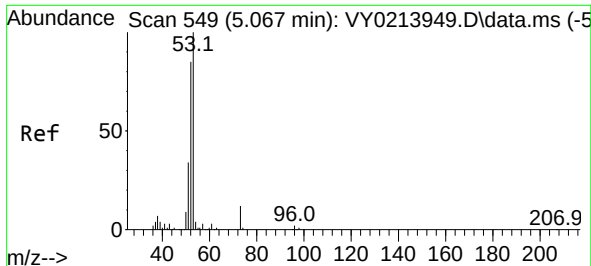
Tgt Ion: 56 Resp: 13036
Ion Ratio Lower Upper
56 100
55 74.8 63.4 95.2



#14
Allyl chloride
Concen: 21.518 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 41 Resp: 68531
Ion Ratio Lower Upper
41 100
39 75.1 59.3 88.9
76 37.3 29.8 44.8

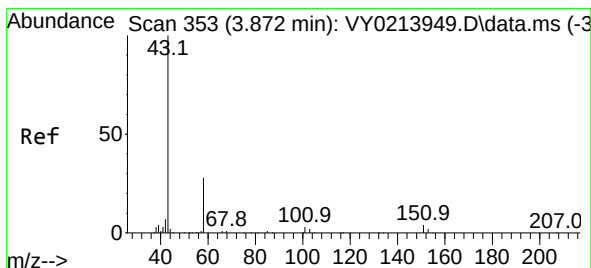
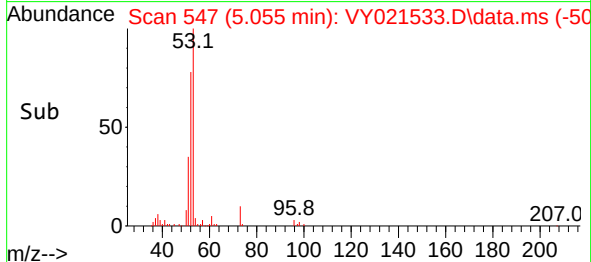
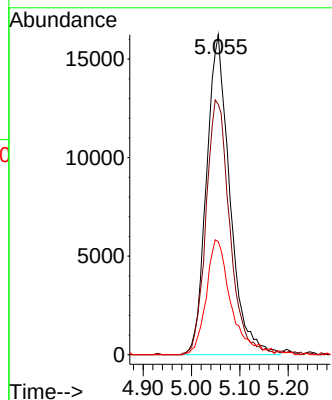
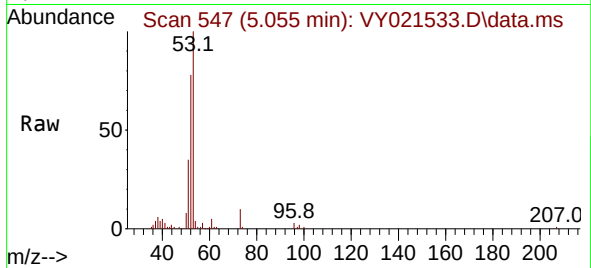




#15
Acrylonitrile
Concen: 121.979 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

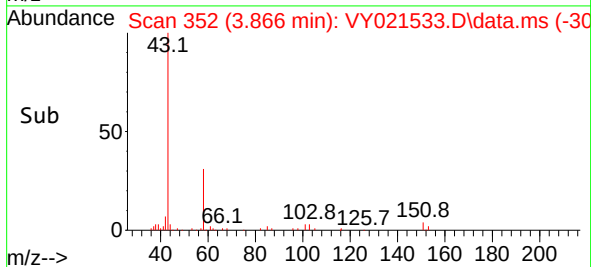
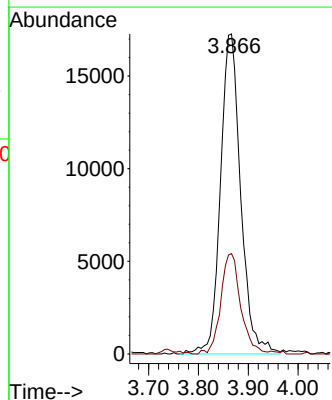
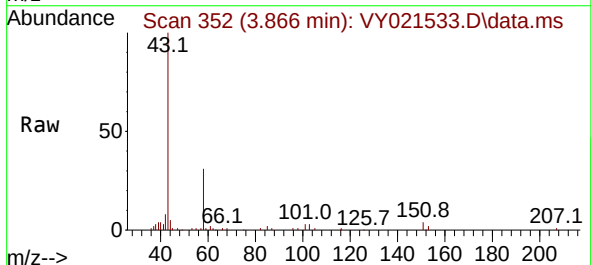
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

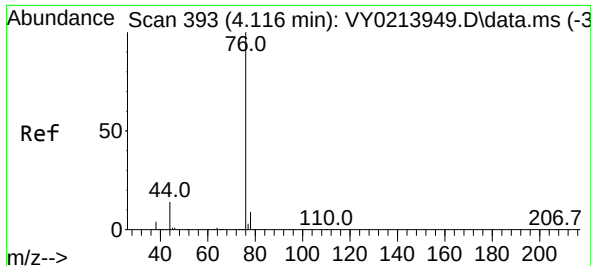
Tgt Ion: 53 Resp: 54481
Ion Ratio Lower Upper
53 100
52 81.0 66.3 99.5
51 38.2 30.3 45.5



#16
Acetone
Concen: 110.050 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 43 Resp: 48672
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1

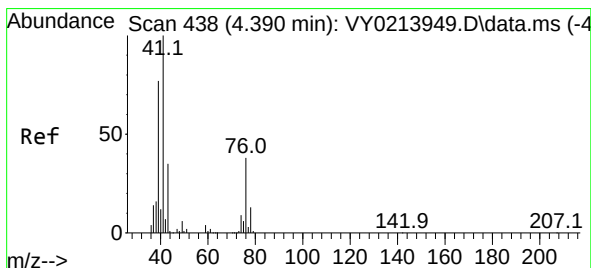
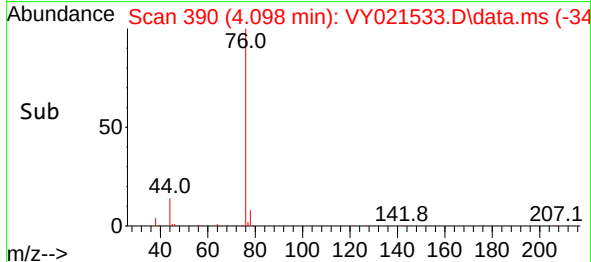
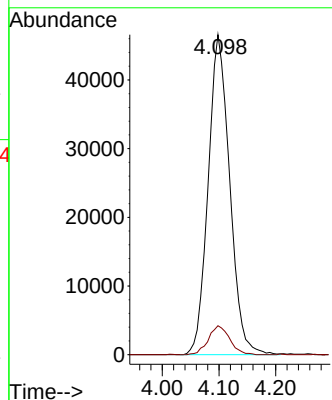
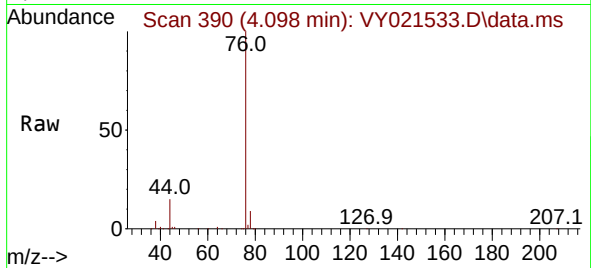




#17
Carbon Disulfide
Concen: 19.938 ug/l
RT: 4.098 min Scan# 393
Delta R.T. -0.018 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

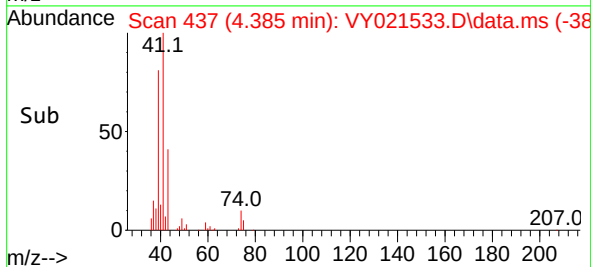
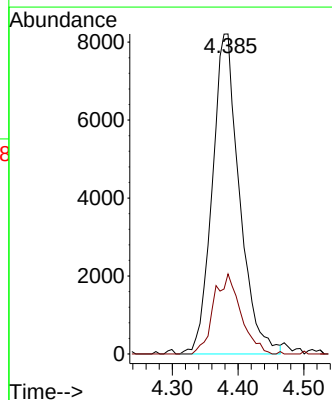
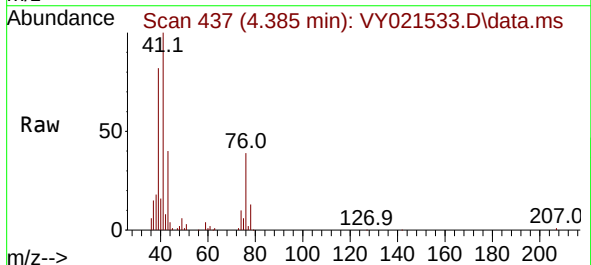
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

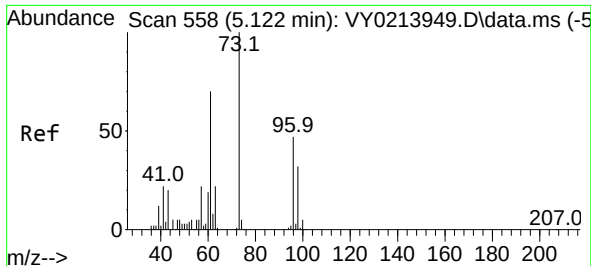
Tgt Ion: 76 Resp: 123142
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 24.108 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 43 Resp: 23658
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0

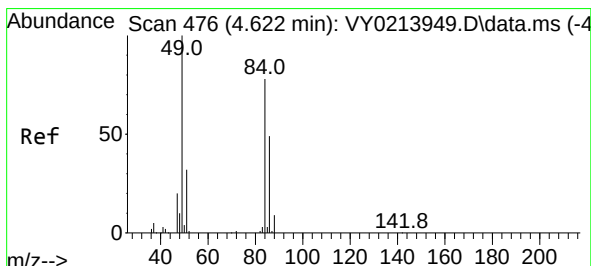
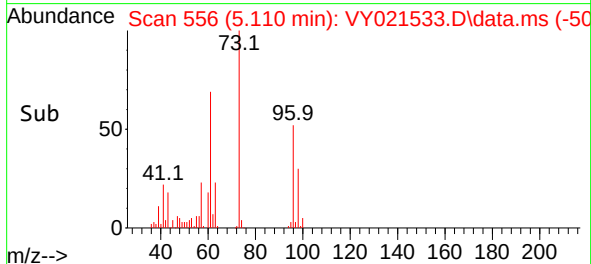
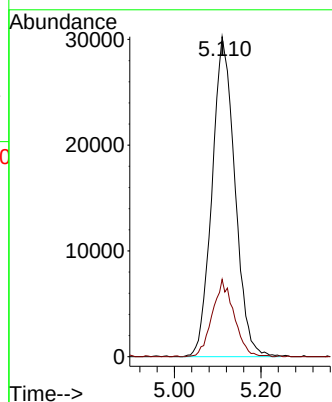
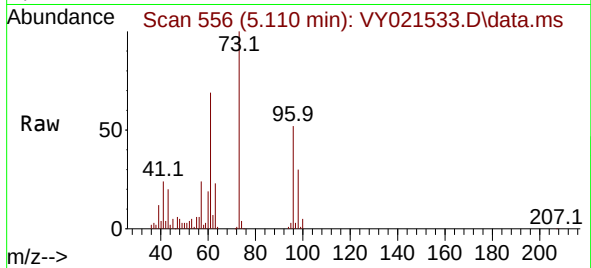




#19
Methyl tert-butyl Ether
Concen: 22.219 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

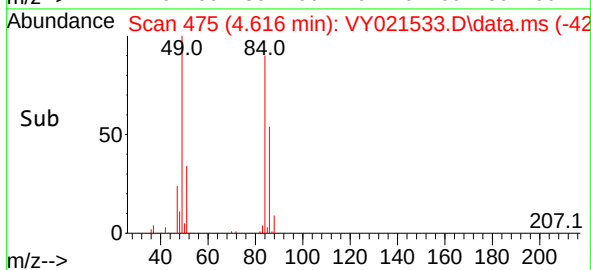
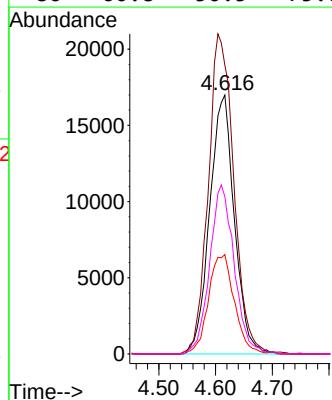
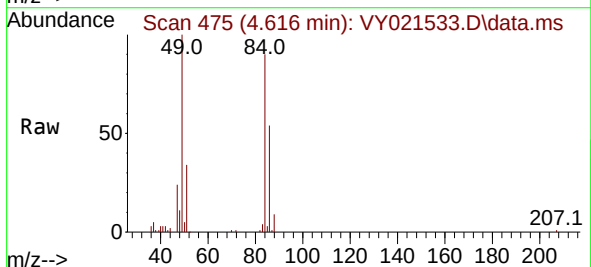
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

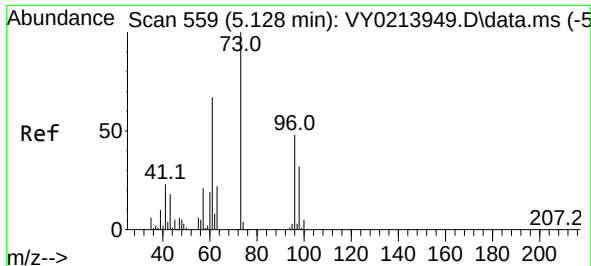
Tgt Ion: 73 Resp: 110982
Ion Ratio Lower Upper
73 100
57 24.2 17.9 26.9



#20
Methylene Chloride
Concen: 22.193 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 84 Resp: 51523
Ion Ratio Lower Upper
84 100
49 111.6 102.0 153.0
51 38.4 33.0 49.6
86 60.8 50.5 75.7

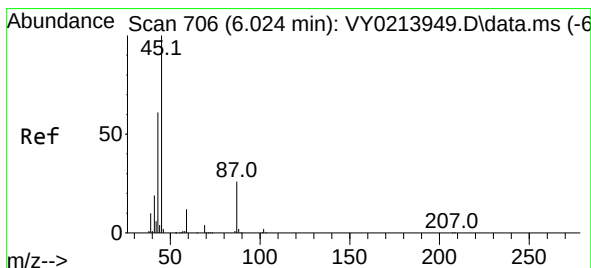
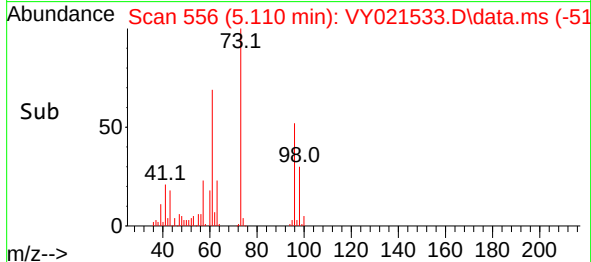
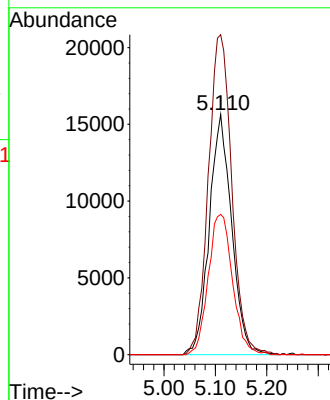
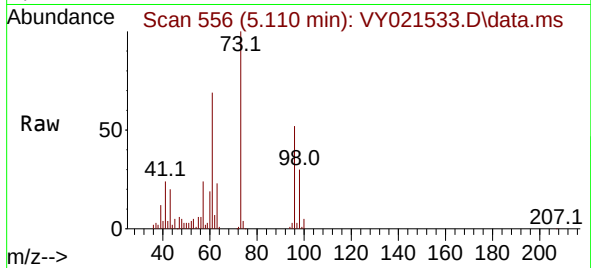




#21
trans-1,2-Dichloroethene
Concen: 21.432 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

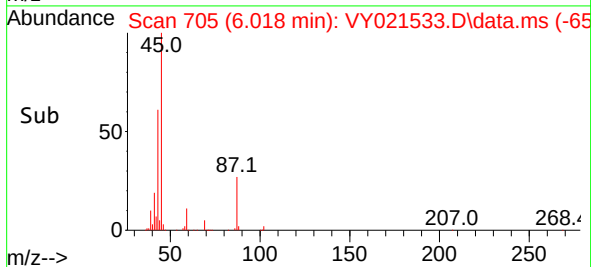
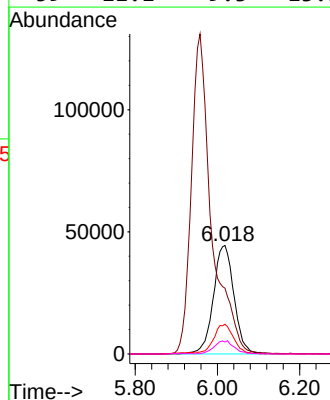
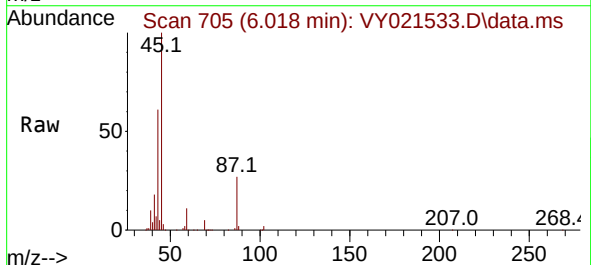
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

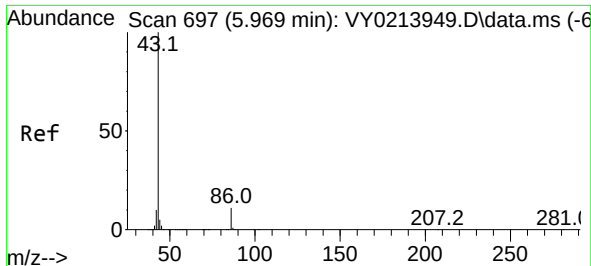
Tgt Ion: 96 Resp: 47301
Ion Ratio Lower Upper
96 100
61 133.2 111.5 167.3
98 58.4 53.8 80.8



#22
Diisopropyl ether
Concen: 22.530 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 45 Resp: 154634
Ion Ratio Lower Upper
45 100
43 60.2 48.7 73.1
87 27.4 21.5 32.3
59 11.1 9.3 13.9

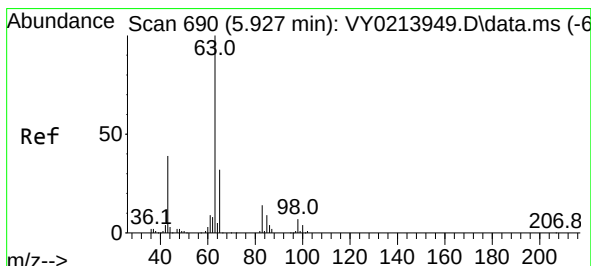
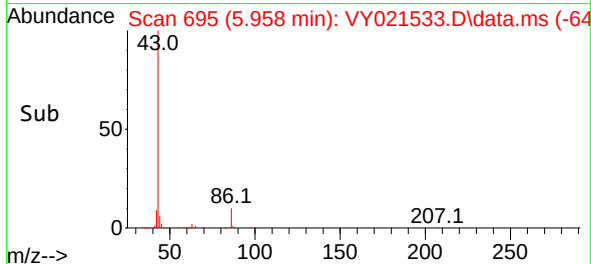
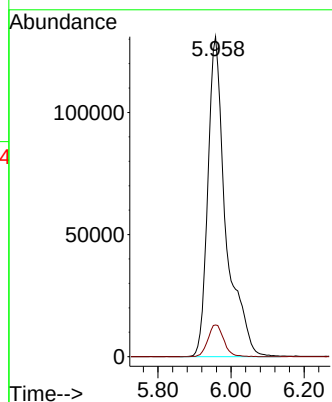
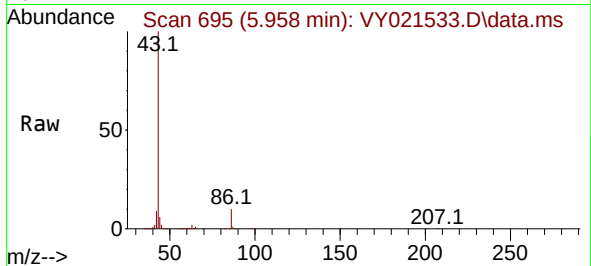




#23
 Vinyl Acetate
 Concen: 114.348 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

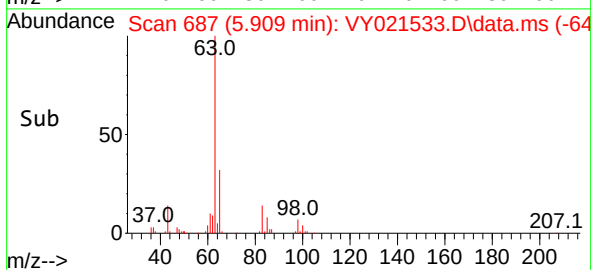
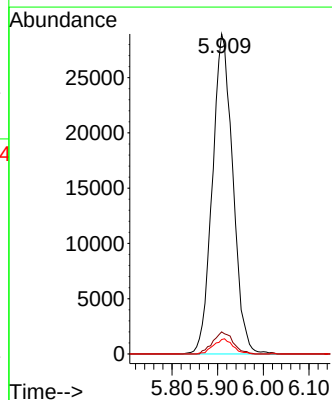
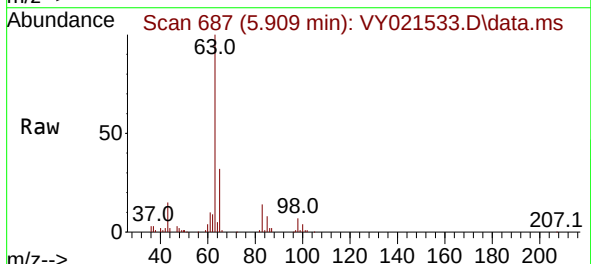
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

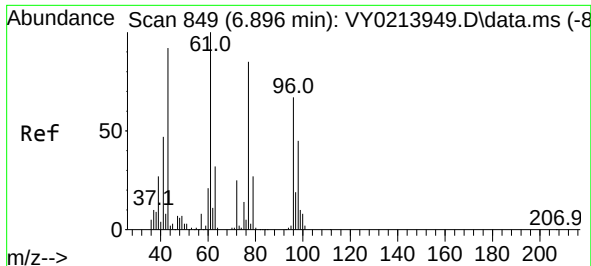
Tgt Ion: 43 Resp: 447911
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.274 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion: 63 Resp: 90227
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 116.279 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

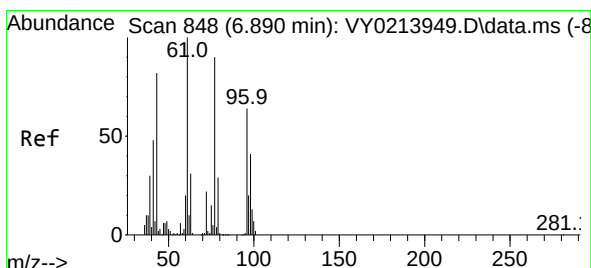
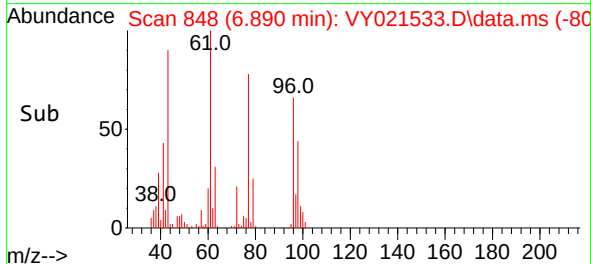
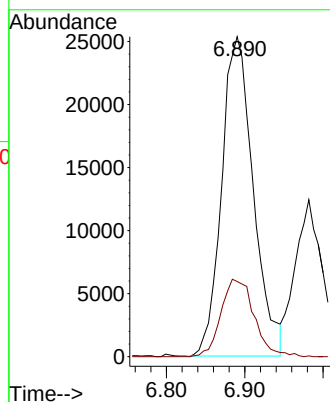
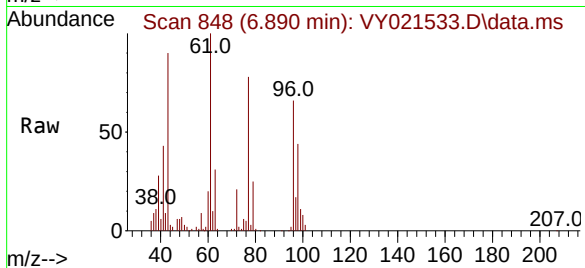
VY0314SBSD01

Tgt Ion: 43 Resp: 71139

Ion Ratio Lower Upper

43 100

72 23.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 20.813 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021533.D

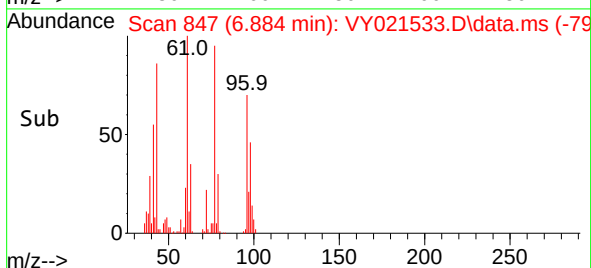
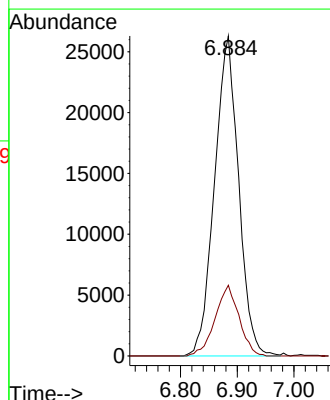
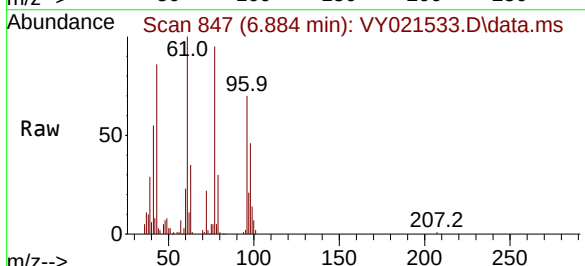
Acq: 14 Mar 2025 12:13

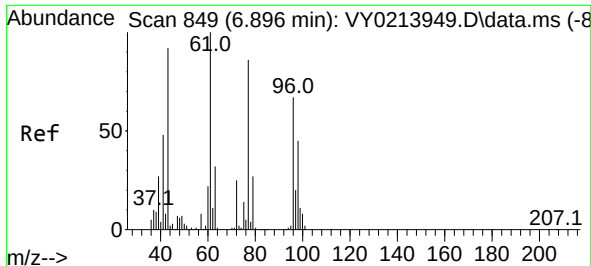
Tgt Ion: 77 Resp: 77575

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8

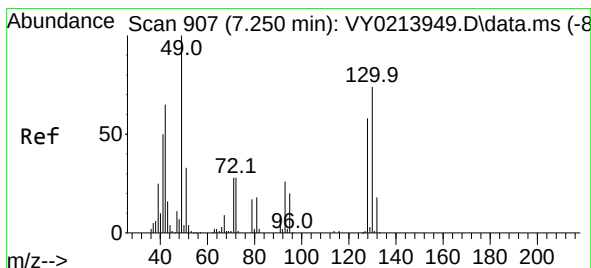
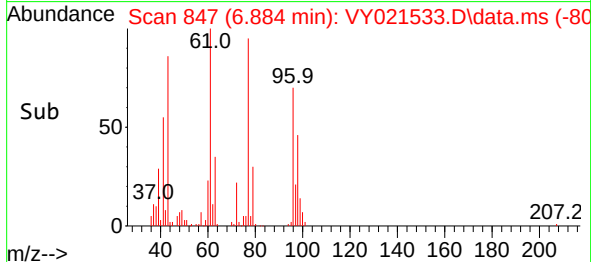
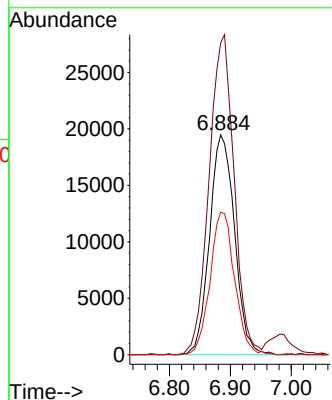
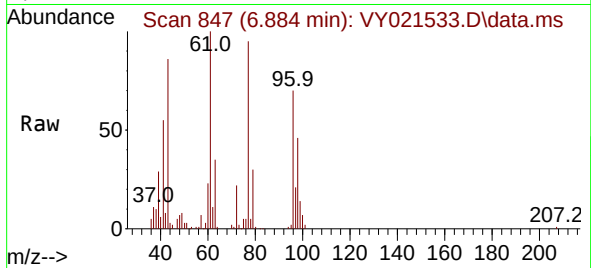




#27
cis-1,2-Dichloroethene
Concen: 22.129 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

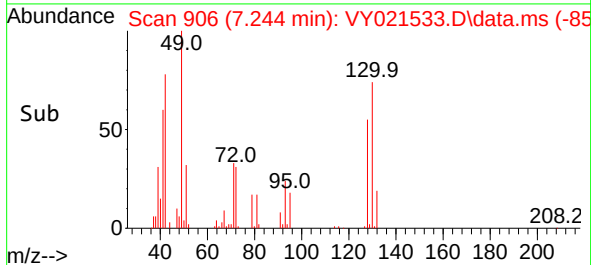
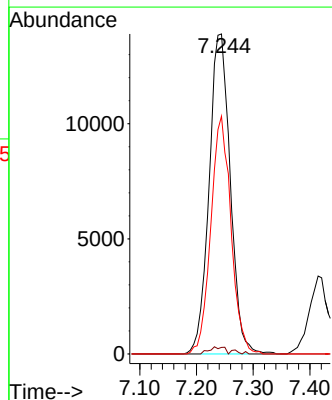
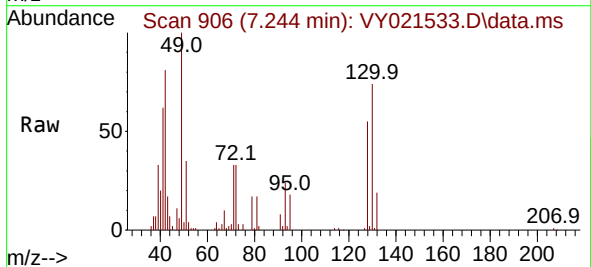
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

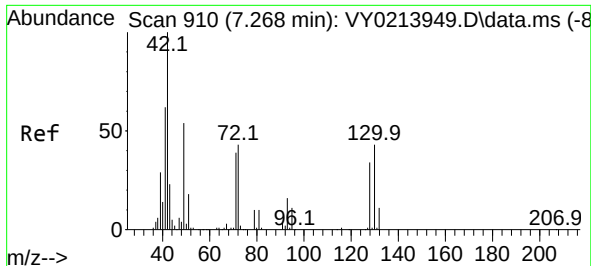
Tgt Ion: 96 Resp: 55483
Ion Ratio Lower Upper
96 100
61 145.5 0.0 300.8
98 63.6 0.0 130.0



#28
Bromochloromethane
Concen: 21.237 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 49 Resp: 36066
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 70.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 117.283 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

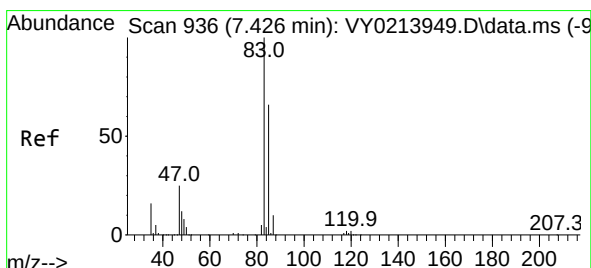
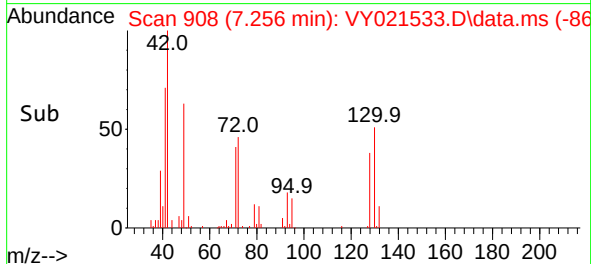
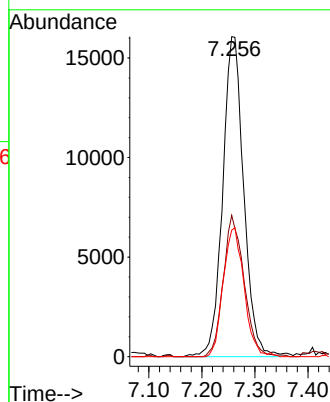
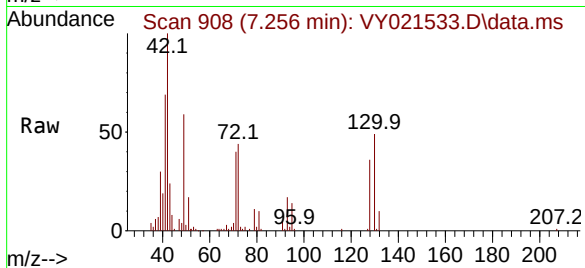
Tgt Ion: 42 Resp: 44297

Ion Ratio Lower Upper

42 100

72 43.7 34.8 52.2

71 40.0 32.6 48.8



#30

Chloroform

Concen: 22.561 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021533.D

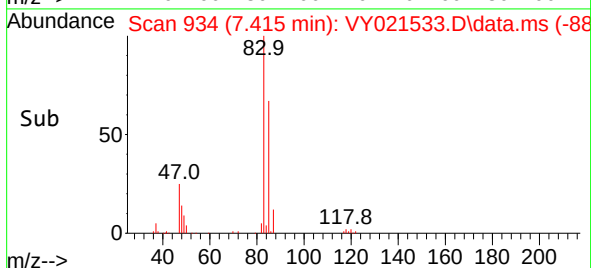
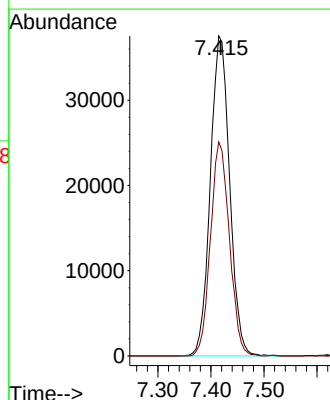
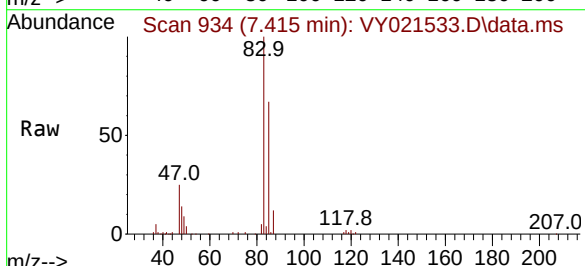
Acq: 14 Mar 2025 12:13

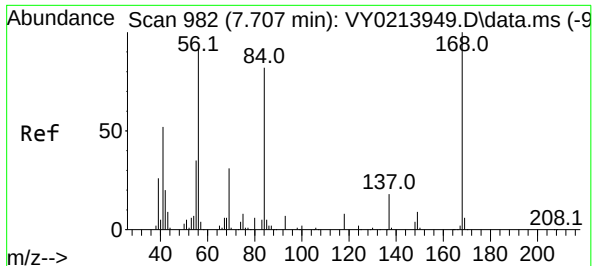
Tgt Ion: 83 Resp: 94900

Ion Ratio Lower Upper

83 100

85 66.9 53.1 79.7

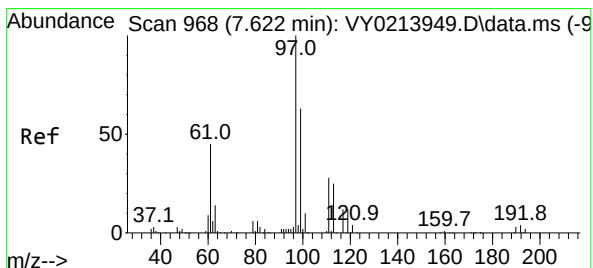
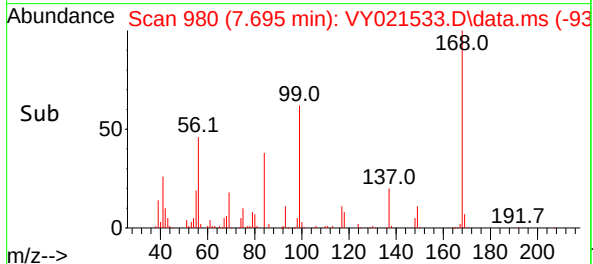
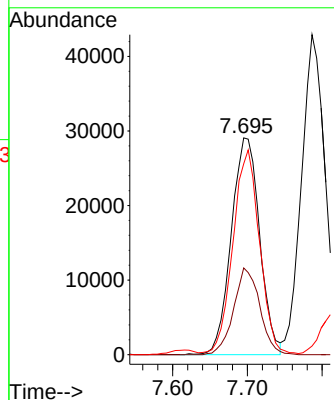
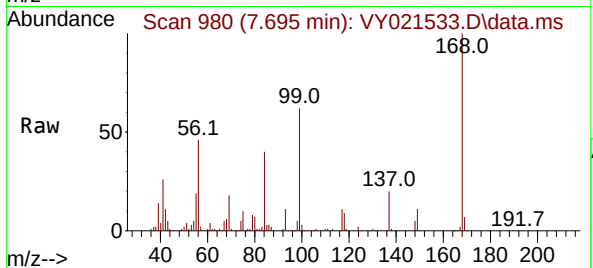




#31
Cyclohexane
Concen: 20.206 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

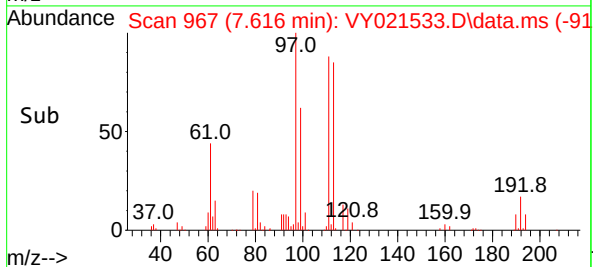
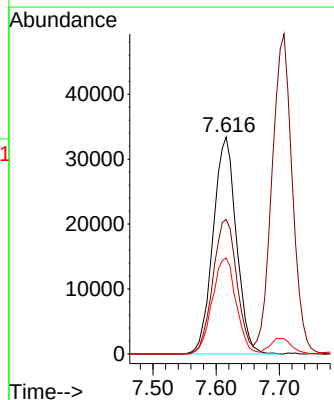
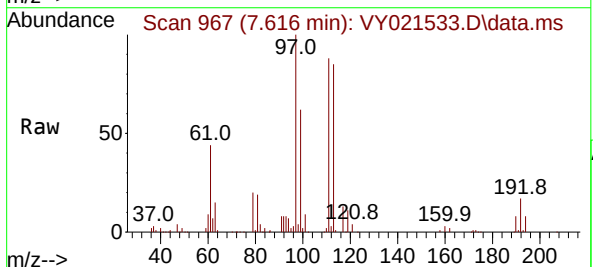
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

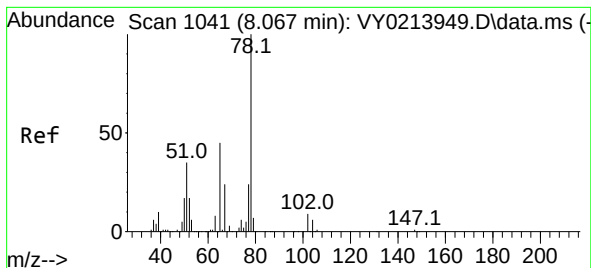
Tgt Ion: 56 Resp: 76736
Ion Ratio Lower Upper
56 100
69 40.0 27.0 40.4
84 86.0 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 22.077 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 97 Resp: 85031
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.262 ug/l

RT: 8.061 min Scan# 114086

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

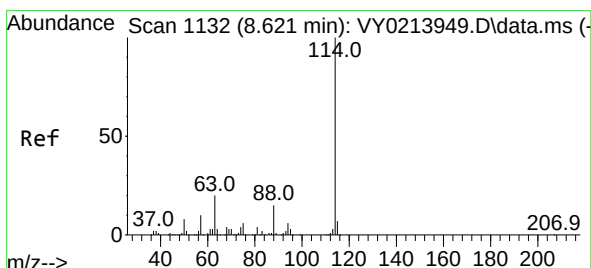
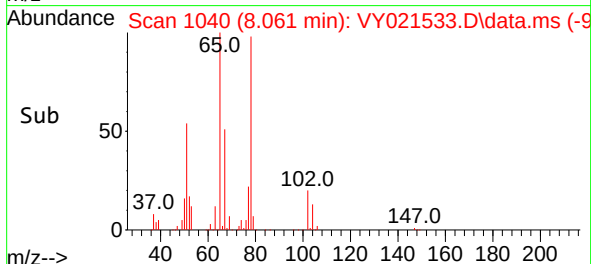
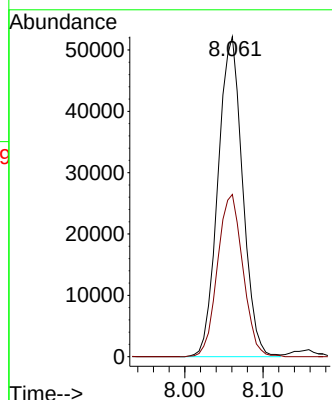
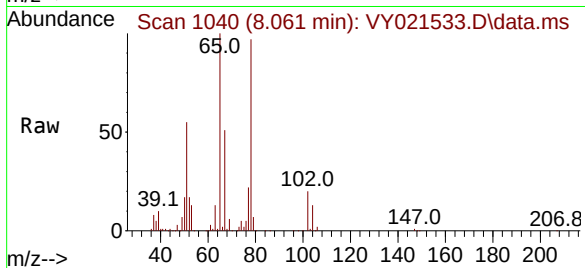
VY0314SBSD01

Tgt Ion: 65 Resp: 114086

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

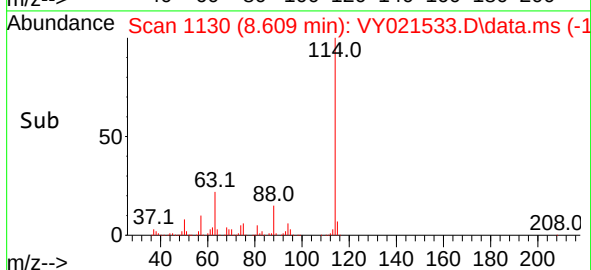
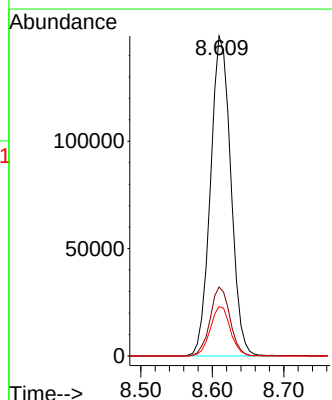
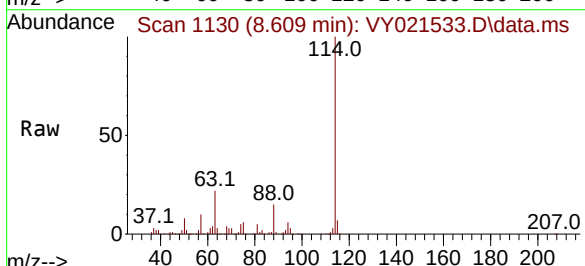
Tgt Ion: 114 Resp: 294233

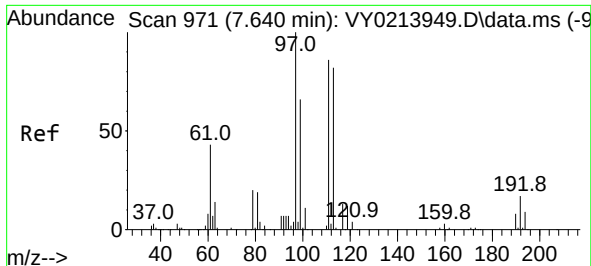
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 15.4 0.0 30.8

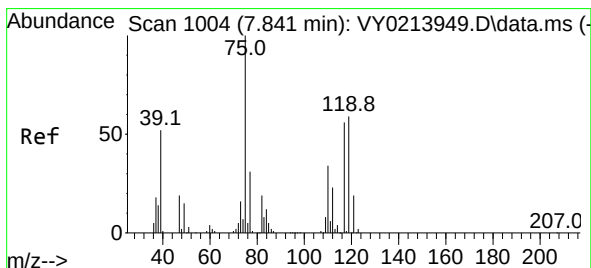
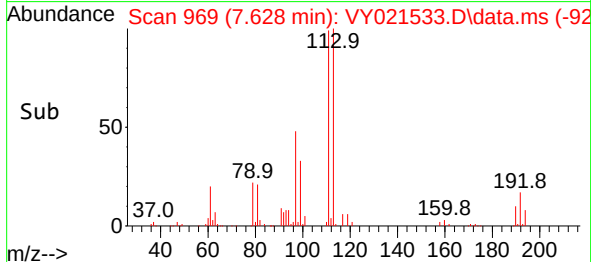
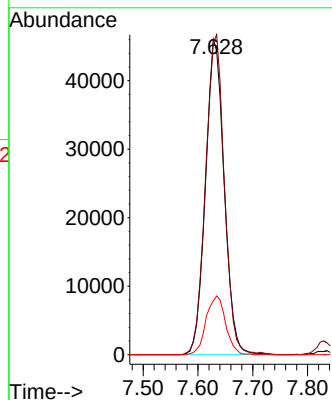
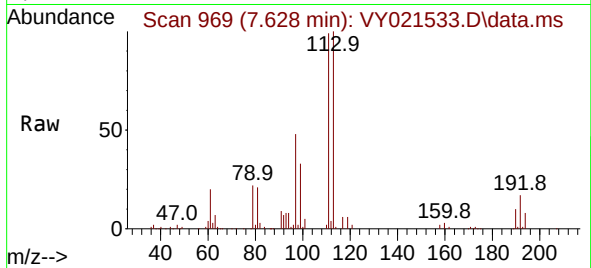




#35
Dibromofluoromethane
Concen: 56.206 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

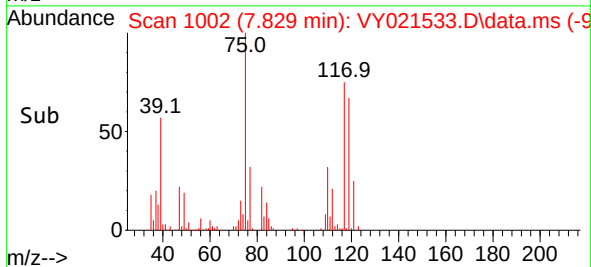
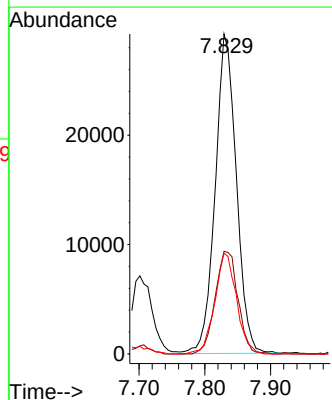
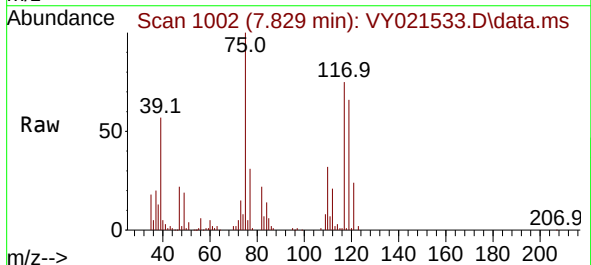
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

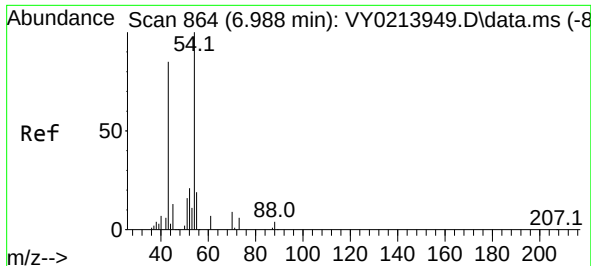
Tgt Ion:113 Resp: 108705
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.598 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 75 Resp: 65384
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.7
77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 23.256 ug/l

RT: 6.982 min Scan# 811

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

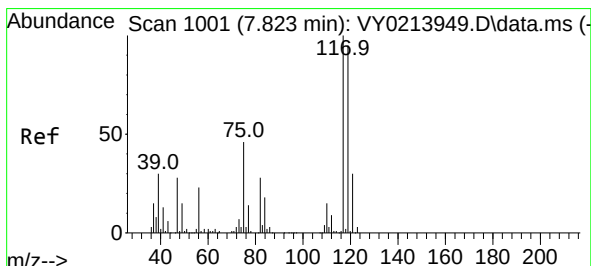
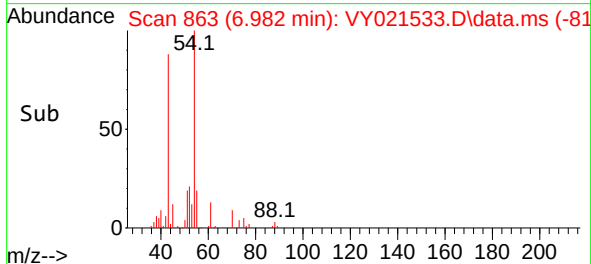
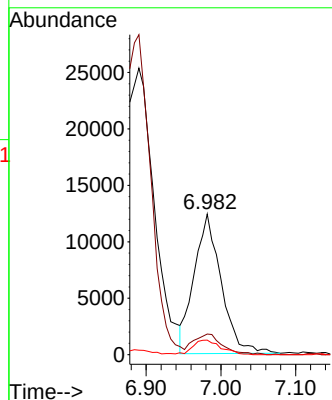
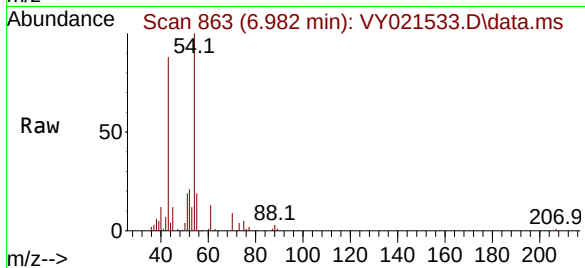
Tgt Ion: 43 Resp: 31118

Ion Ratio Lower Upper

43 100

61 15.7 11.4 17.0

70 11.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 22.435 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

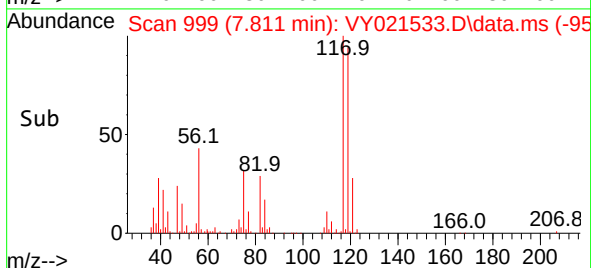
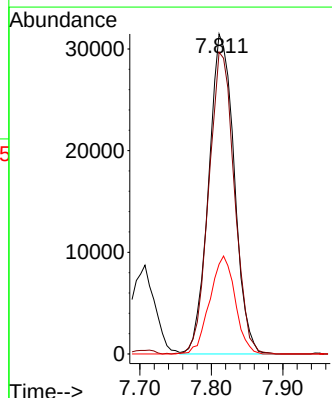
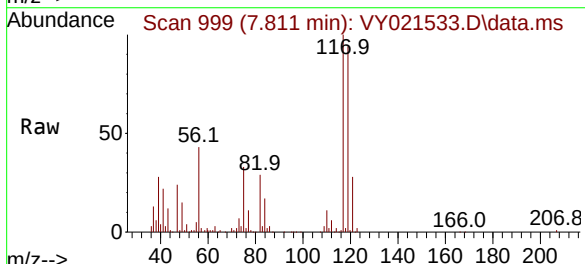
Tgt Ion: 117 Resp: 78113

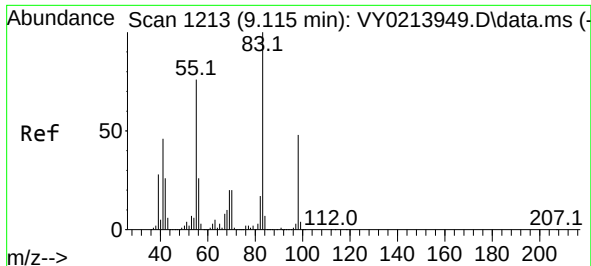
Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

121 28.0 23.9 35.9

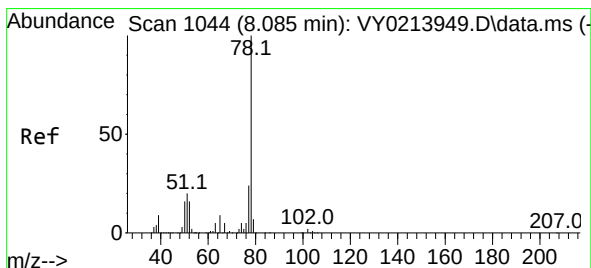
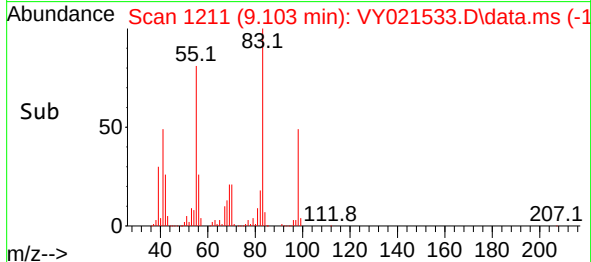
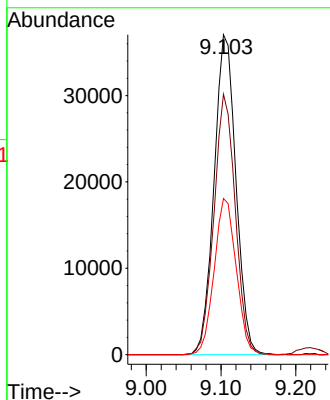
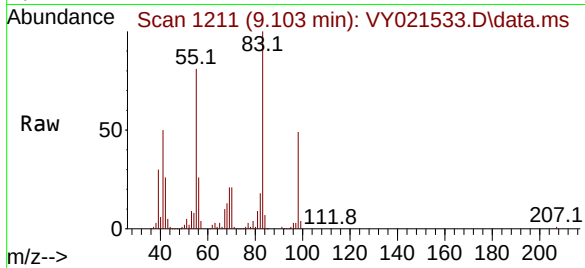




#39
Methylcyclohexane
Concen: 20.331 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

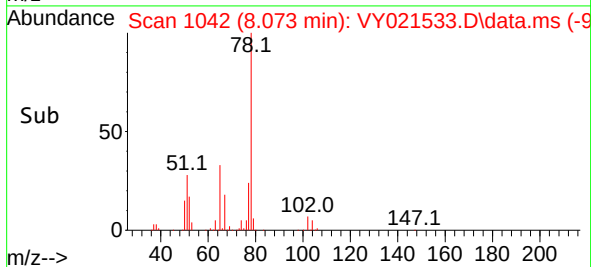
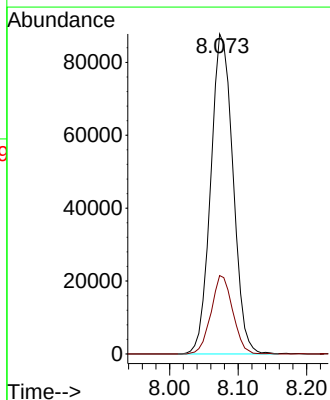
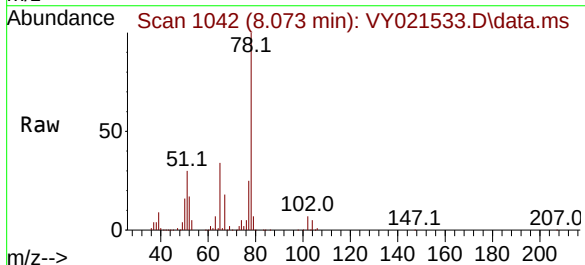
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

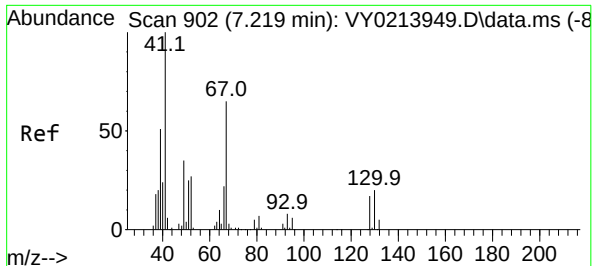
Tgt Ion: 83 Resp: 75497
Ion Ratio Lower Upper
83 100
55 81.4 60.7 91.1
98 48.8 38.6 57.8



#40
Benzene
Concen: 22.237 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 78 Resp: 198305
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

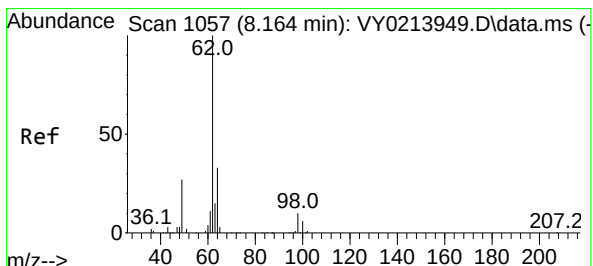
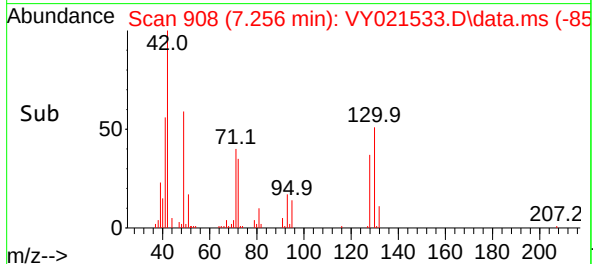
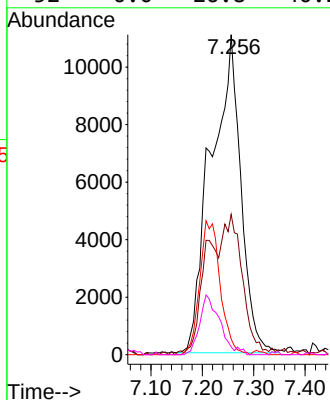
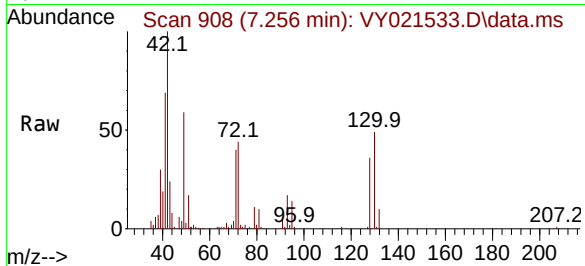




#41
Methacrylonitrile
Concen: 61.022 ug/l
RT: 7.256 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

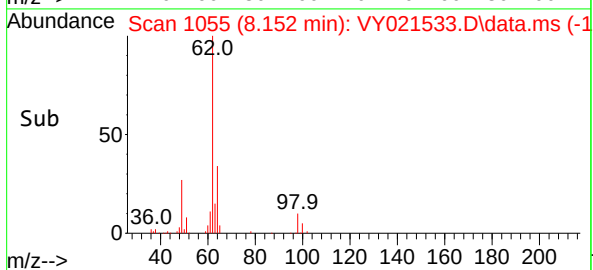
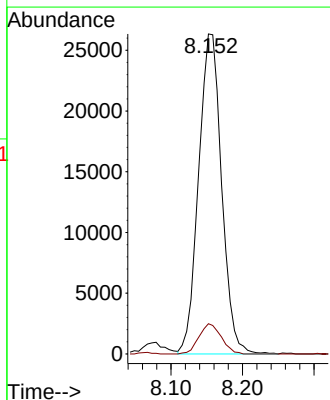
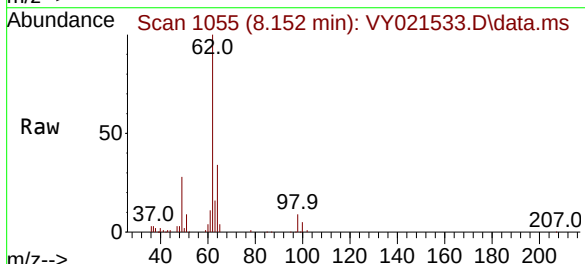
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

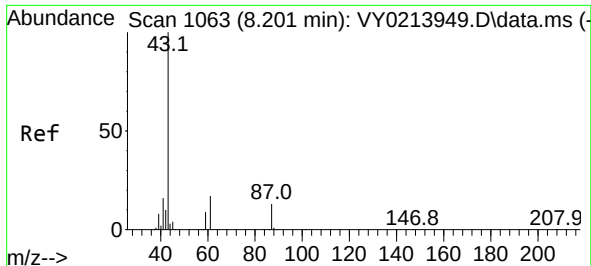
Tgt Ion:	41	Resp:	44459
Ion	Ratio	Lower	Upper
41	100		
39	28.7	35.0	52.6#
67	0.0	61.2	91.8#
52	0.0	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 23.656 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:	62	Resp:	59018
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

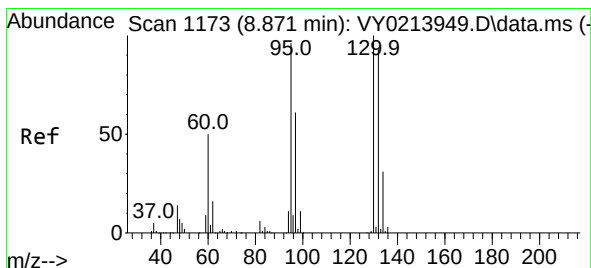
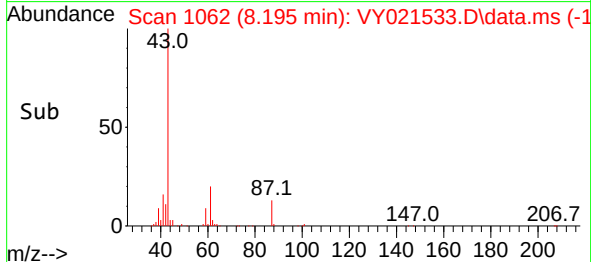
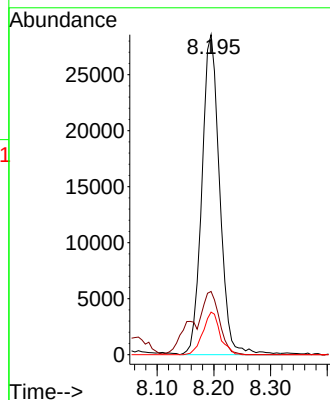
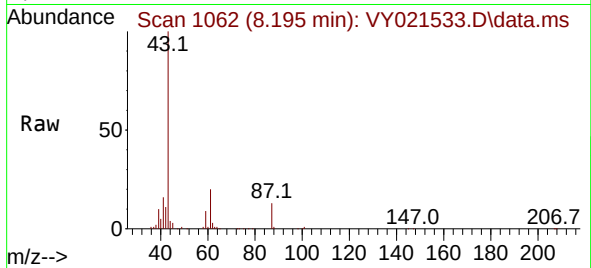




#43
Isopropyl Acetate
Concen: 23.860 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

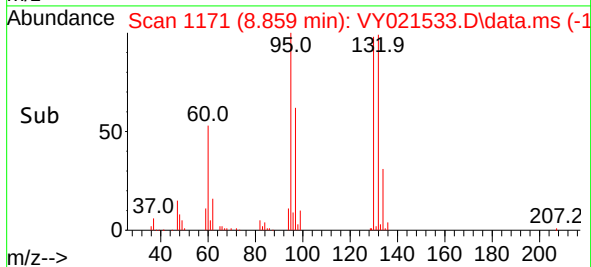
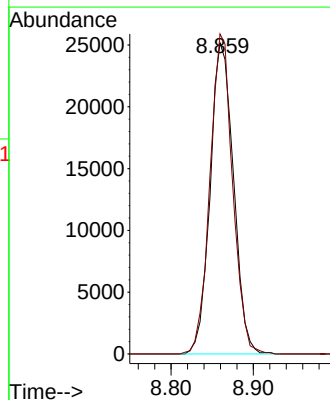
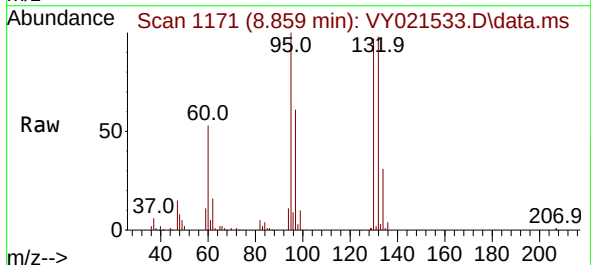
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

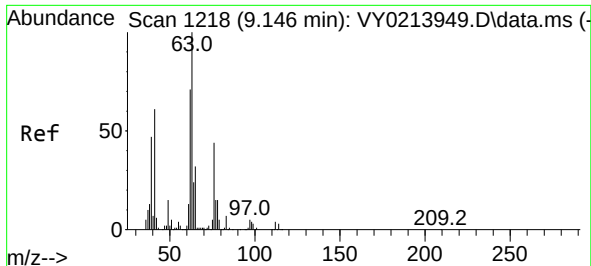
Tgt Ion: 43 Resp: 61976
Ion Ratio Lower Upper
43 100
61 19.3 23.4 35.0#
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 22.014 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:130 Resp: 49610
Ion Ratio Lower Upper
130 100
95 102.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.677 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

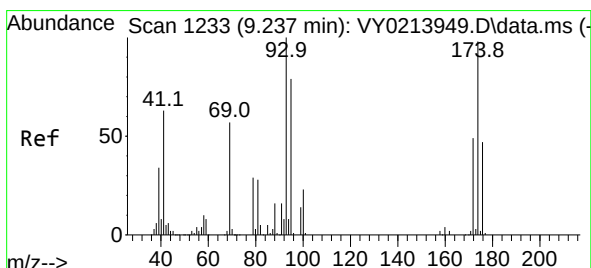
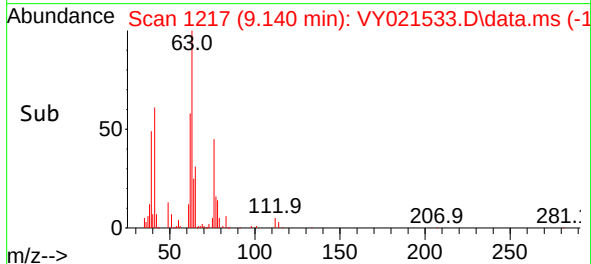
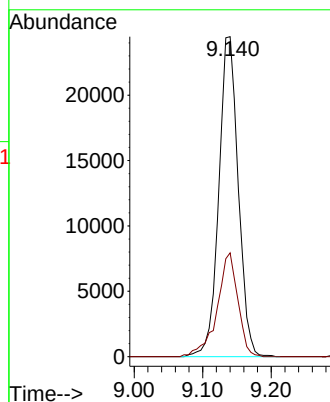
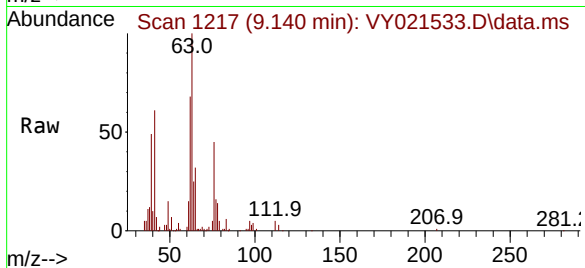
VY0314SBSD01

Tgt Ion: 63 Resp: 48132

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0



#46

Dibromomethane

Concen: 23.327 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

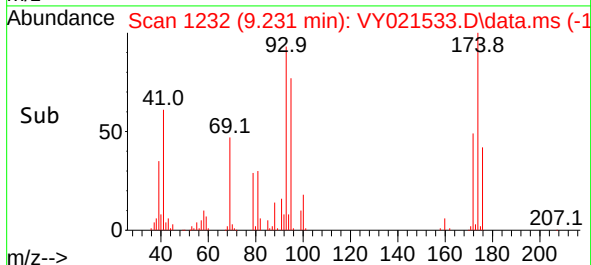
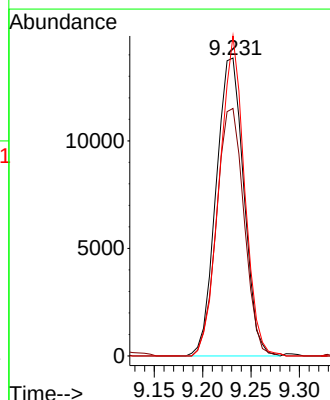
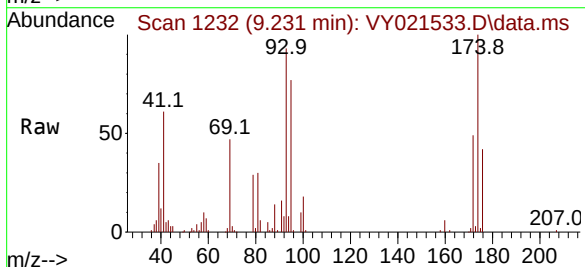
Tgt Ion: 93 Resp: 27548

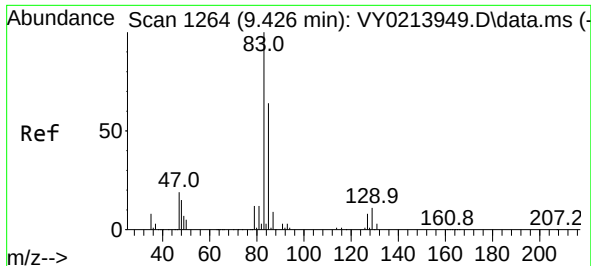
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 97.2 77.9 116.9

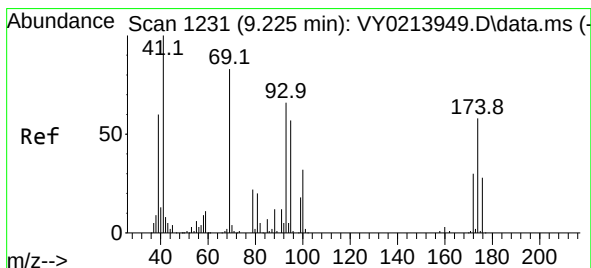
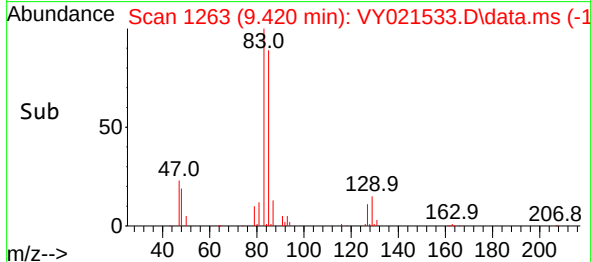
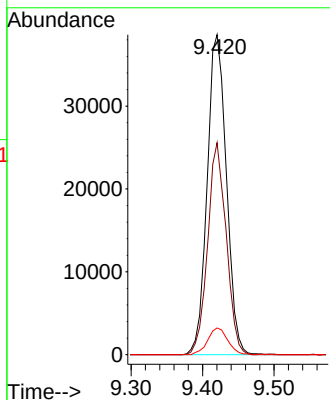
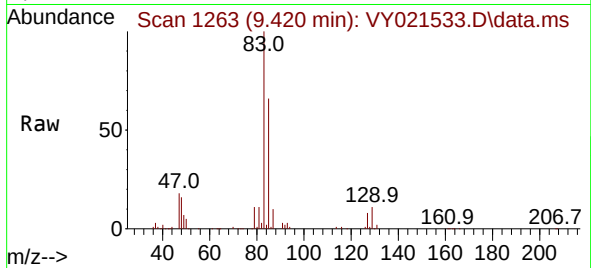




#47
Bromodichloromethane
Concen: 22.997 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

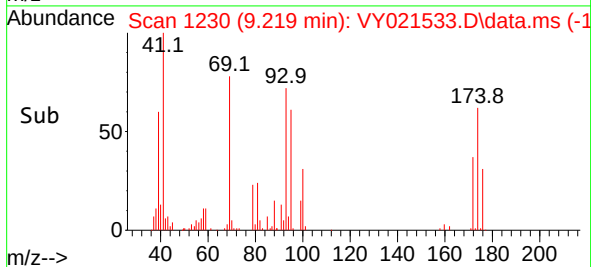
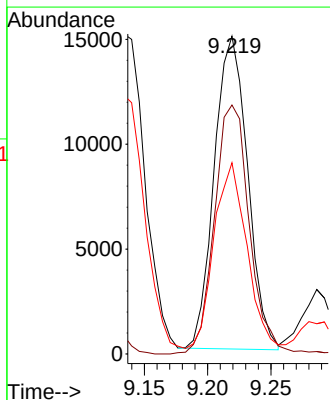
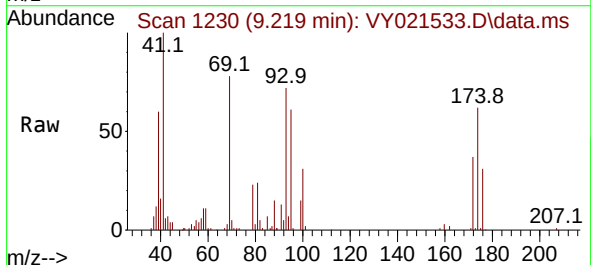
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

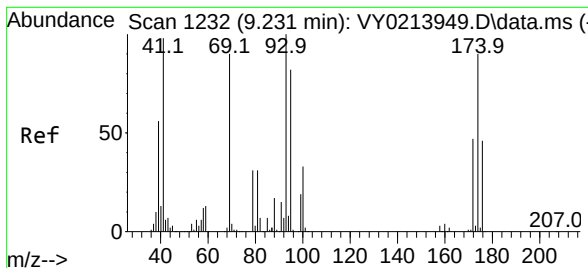
Tgt Ion: 83 Resp: 72124
Ion Ratio Lower Upper
83 100
85 66.2 51.1 76.7
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 22.971 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 41 Resp: 27399
Ion Ratio Lower Upper
41 100
69 83.3 67.8 101.8
39 58.7 46.4 69.6





#49

1,4-Dioxane

Concen: 505.624 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

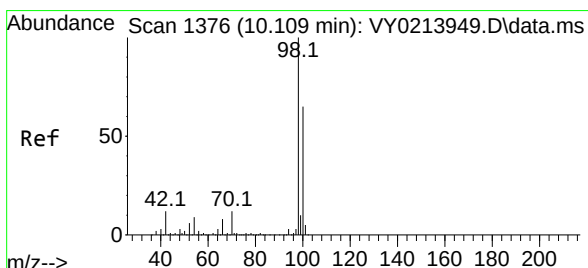
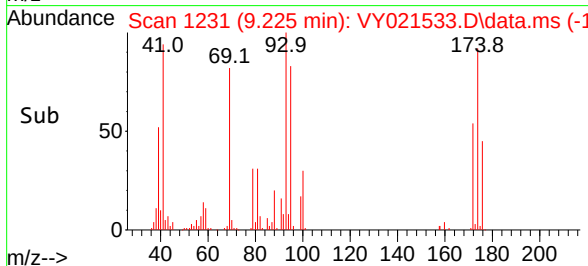
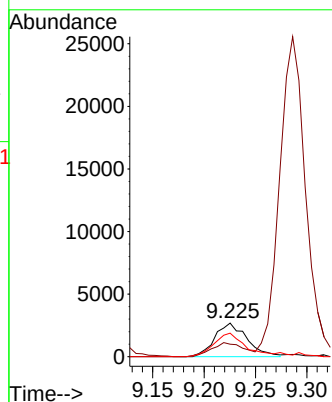
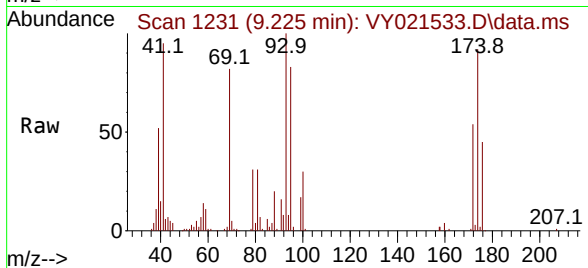
Tgt Ion: 88 Resp: 5861

Ion Ratio Lower Upper

88 100

43 41.5 25.0 37.4#

58 72.0 58.4 87.6



#50

Toluene-d8

Concen: 54.784 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021533.D

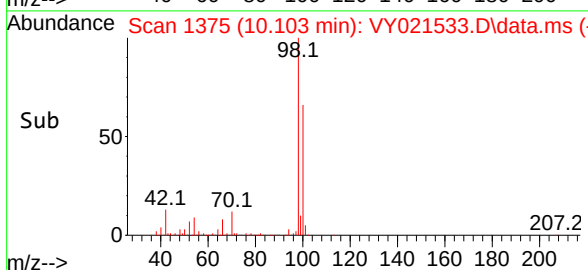
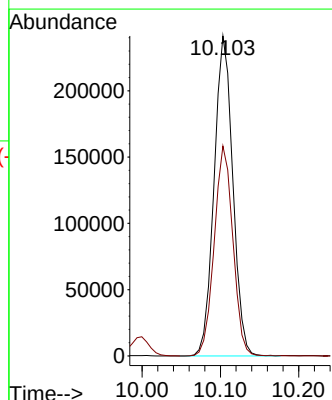
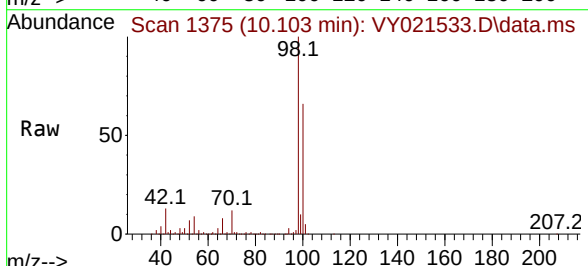
Acq: 14 Mar 2025 12:13

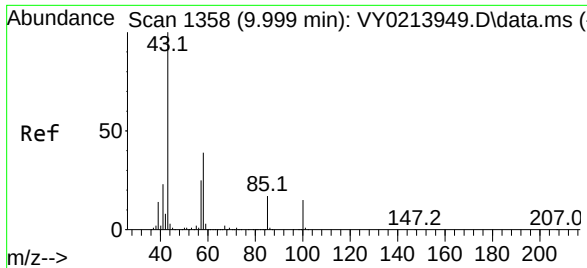
Tgt Ion: 98 Resp: 401176

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

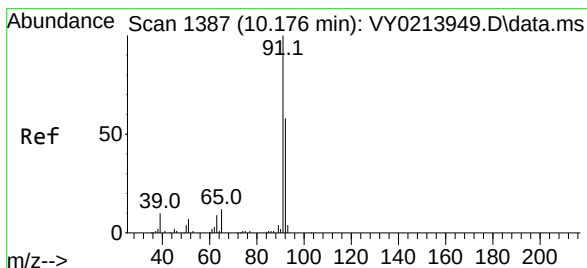
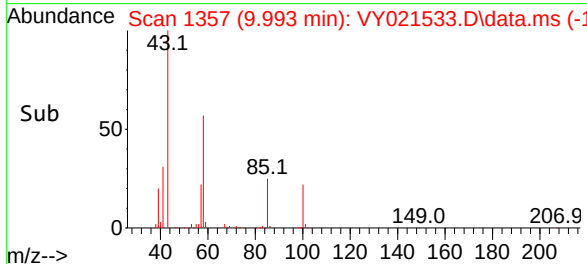
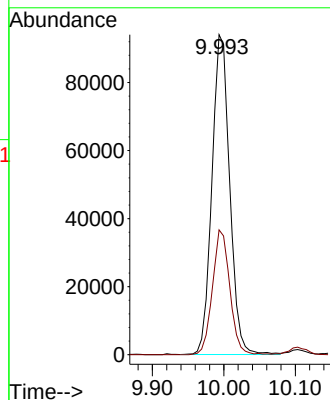
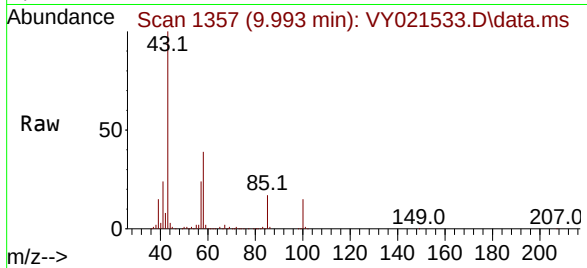




#51
4-Methyl-2-Pentanone
Concen: 121.076 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

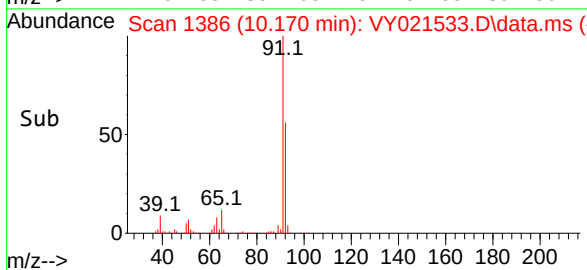
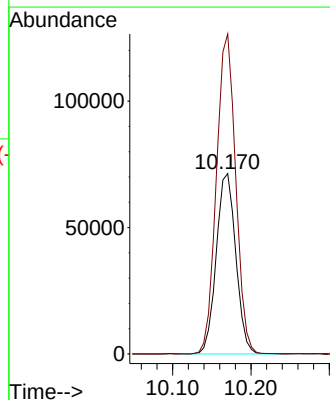
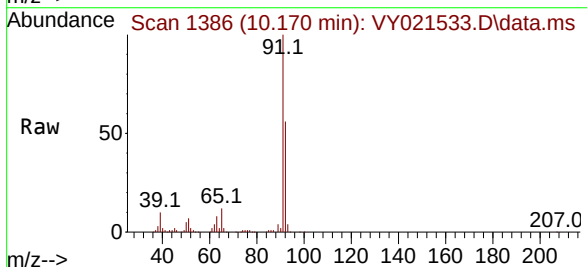
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

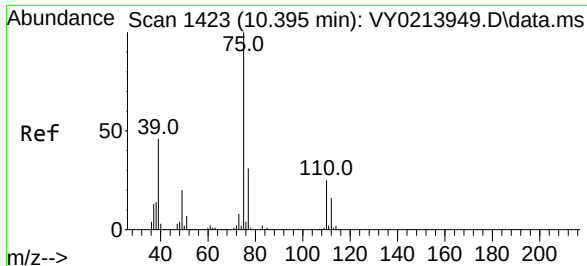
Tgt Ion: 43 Resp: 162270
Ion Ratio Lower Upper
43 100
58 38.2 31.4 47.2



#52
Toluene
Concen: 22.039 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 92 Resp: 123911
Ion Ratio Lower Upper
92 100
91 174.9 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 22.996 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

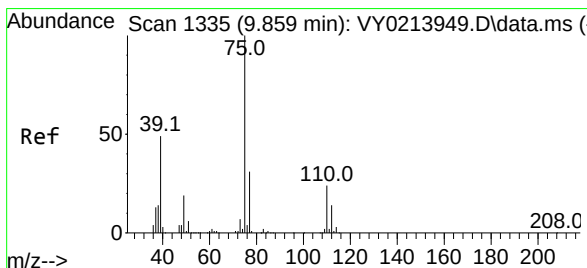
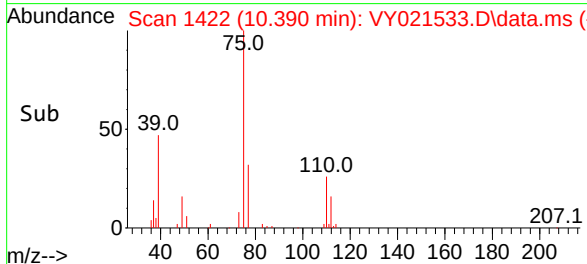
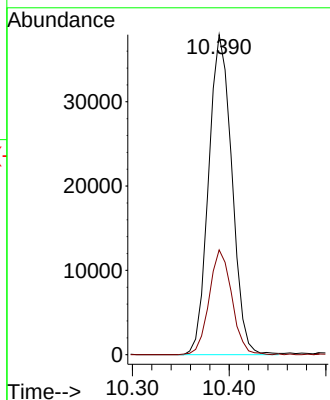
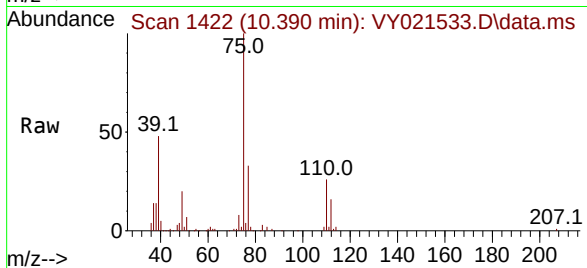
VY0314SBS01

Tgt Ion: 75 Resp: 63542

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 22.520 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

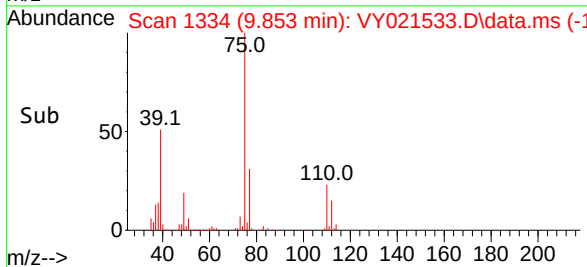
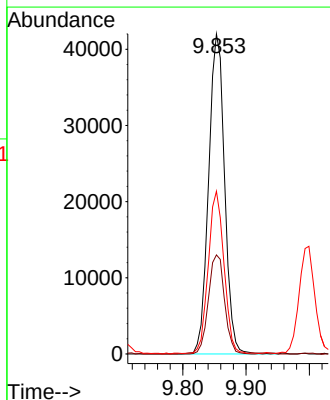
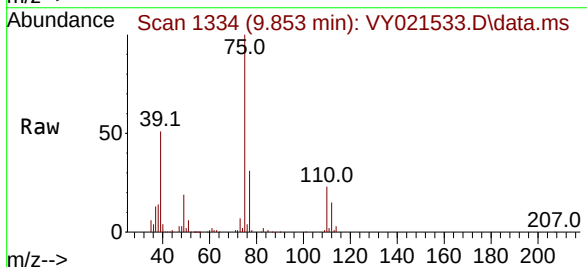
Tgt Ion: 75 Resp: 73877

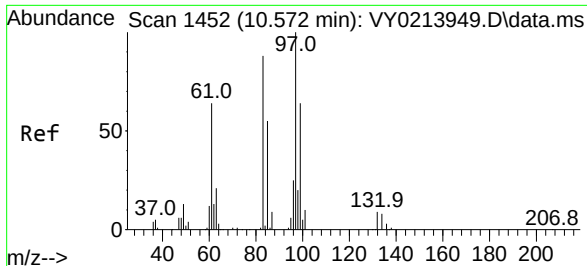
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

39 50.6 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 24.387 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

Tgt Ion: 97 Resp: 37674

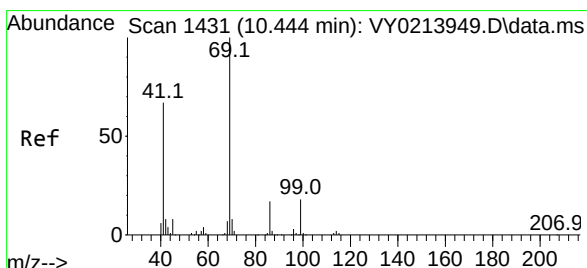
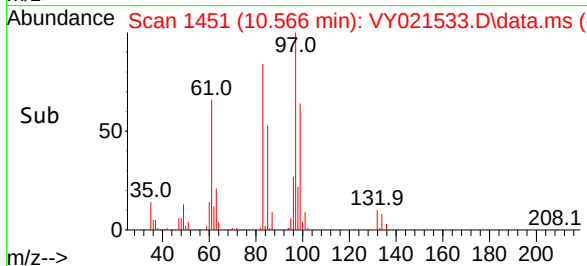
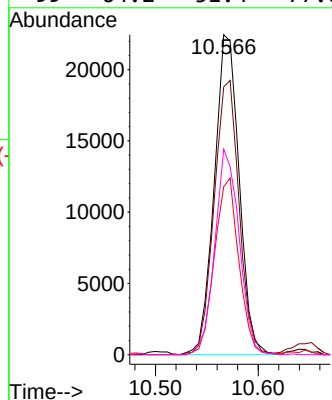
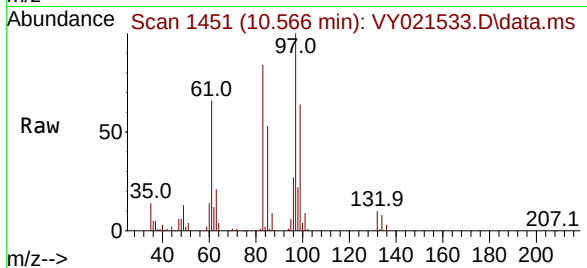
Ion Ratio Lower Upper

97 100

83 83.7 70.0 105.0

85 52.5 44.3 66.5

99 64.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 22.795 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

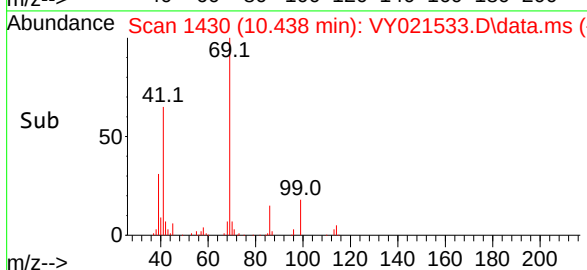
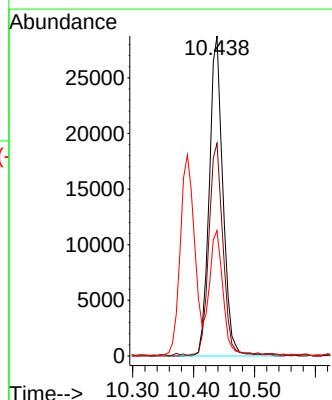
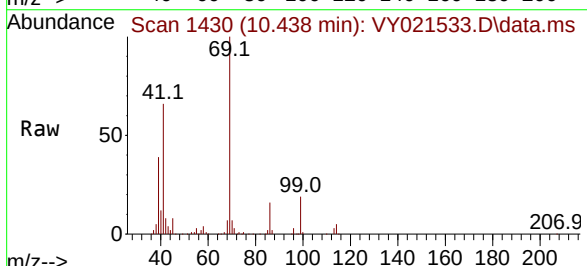
Tgt Ion: 69 Resp: 44911

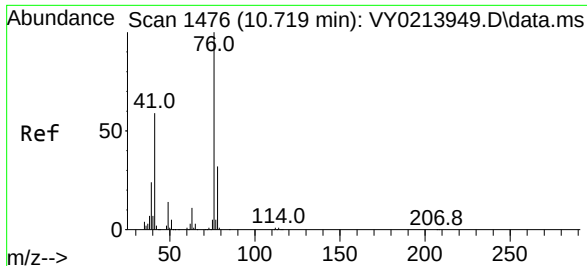
Ion Ratio Lower Upper

69 100

41 68.0 53.3 79.9

39 38.2 31.0 46.6

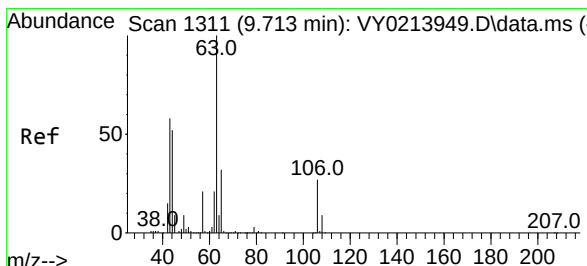
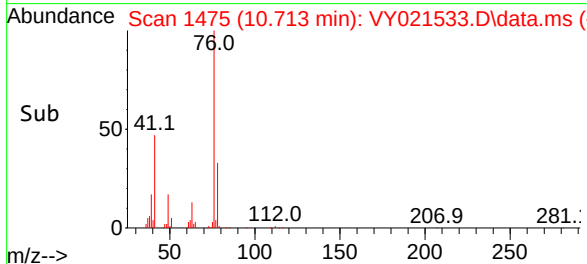
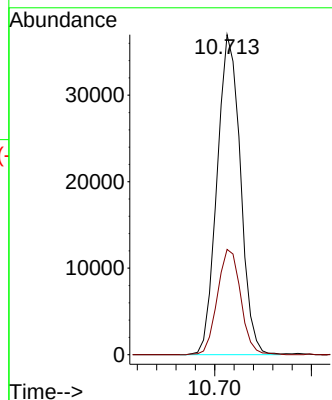
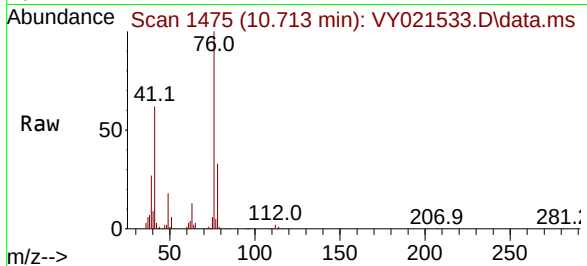




#57
1,3-Dichloropropane
Concen: 23.145 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

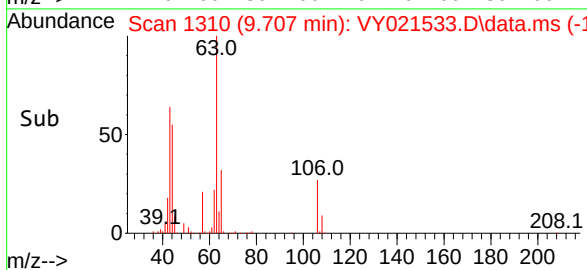
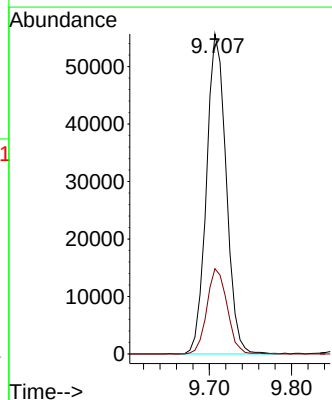
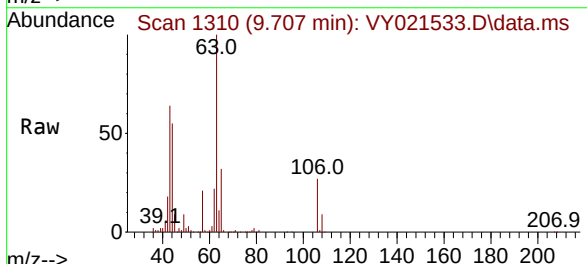
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

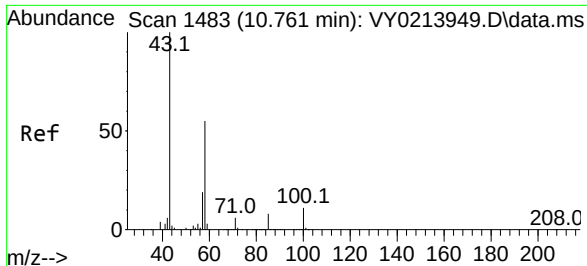
Tgt Ion: 76 Resp: 61970
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 102.051 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 63 Resp: 92815
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1

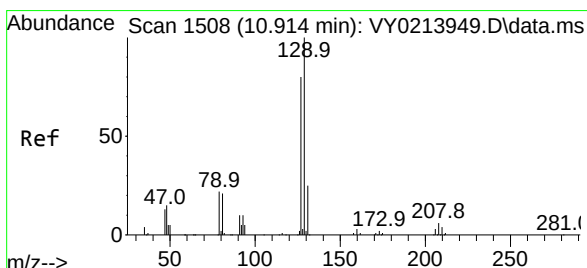
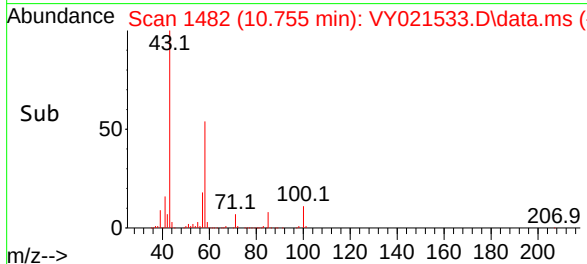
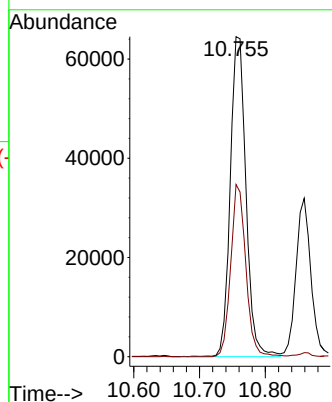
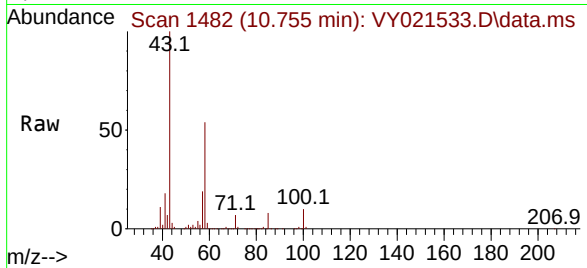




#59
2-Hexanone
Concen: 121.110 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

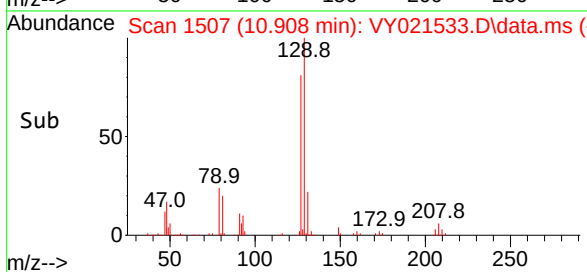
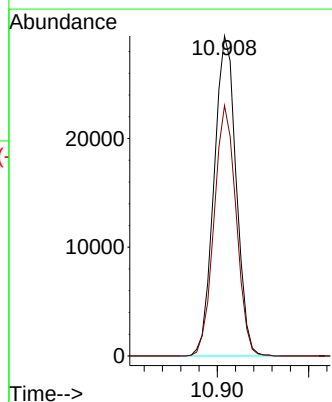
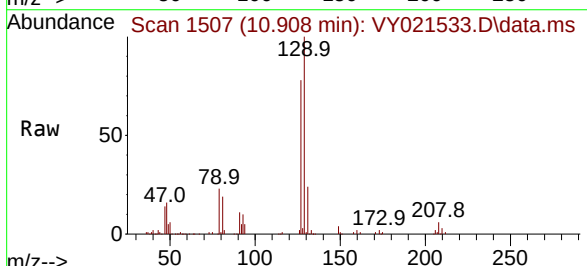
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

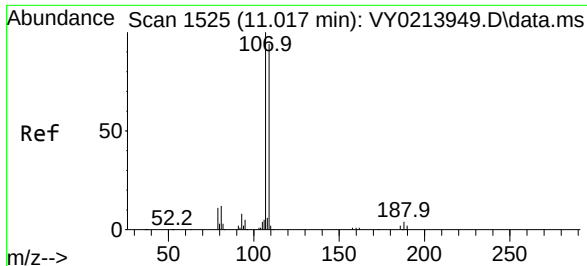
Tgt Ion: 43 Resp: 107327
Ion Ratio Lower Upper
43 100
58 51.8 27.3 81.8



#60
Dibromochloromethane
Concen: 23.359 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 129 Resp: 49470
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

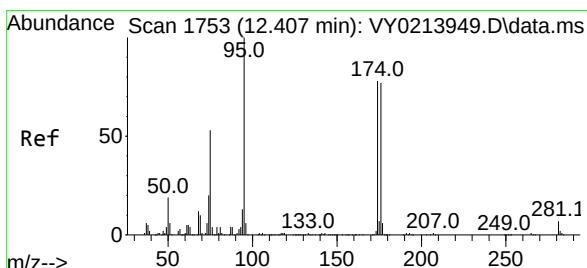
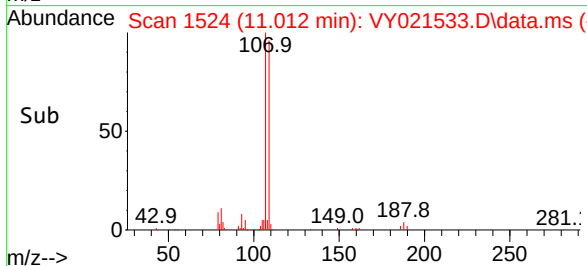
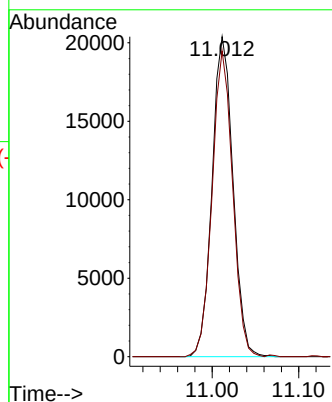
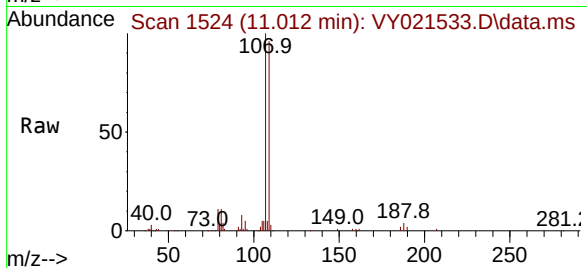




#61
1,2-Dibromoethane
Concen: 23.480 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

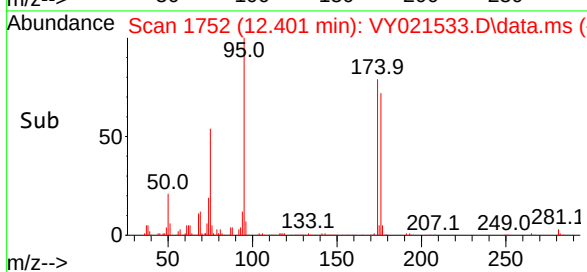
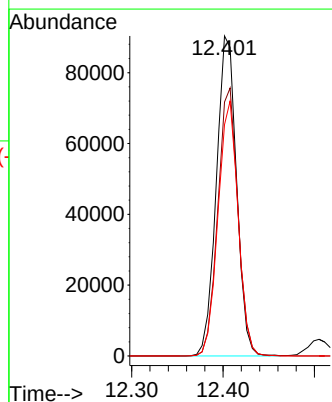
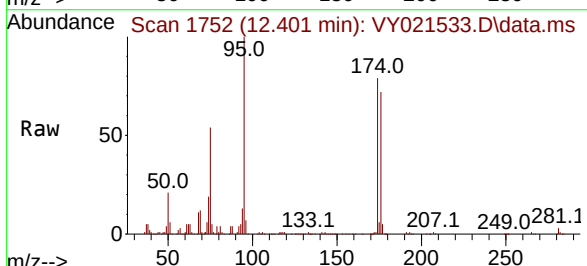
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

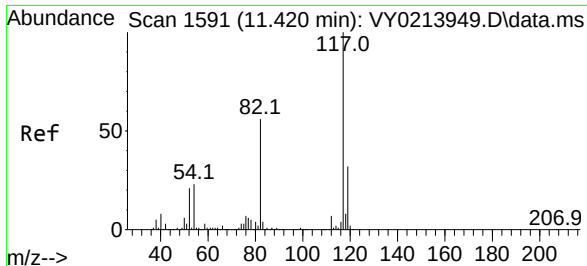
Tgt Ion:107 Resp: 34233
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.725 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 95 Resp: 138807
Ion Ratio Lower Upper
95 100
174 83.3 0.0 165.0
176 79.1 0.0 160.0

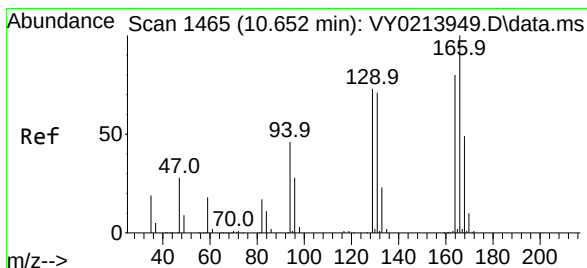
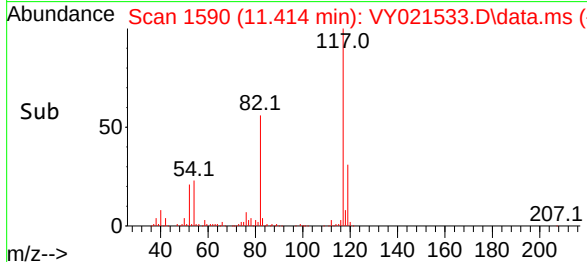
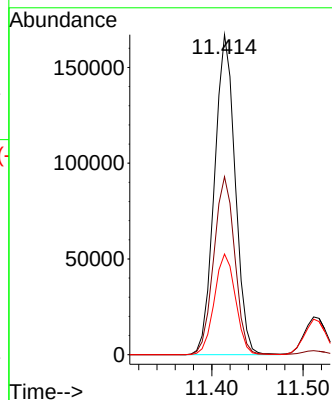
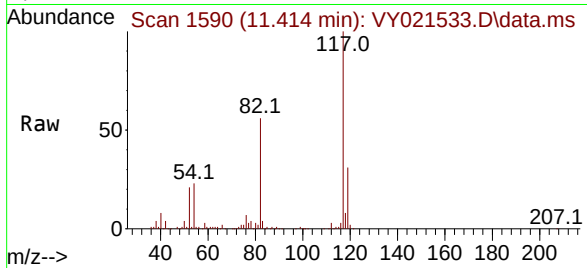




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

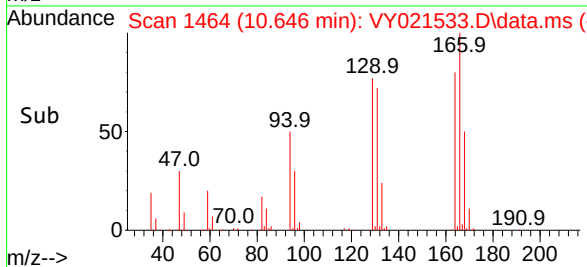
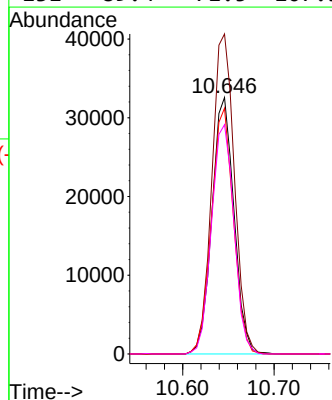
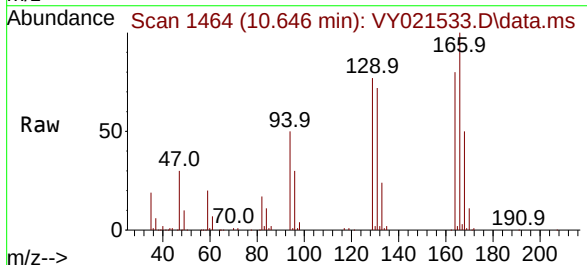
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

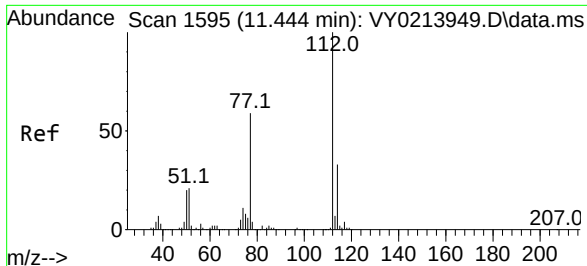
Tgt Ion:117 Resp: 263379
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 25.393 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:164 Resp: 54385
Ion Ratio Lower Upper
164 100
166 124.8 100.4 150.6
129 95.8 73.8 110.8
131 89.4 71.5 107.3

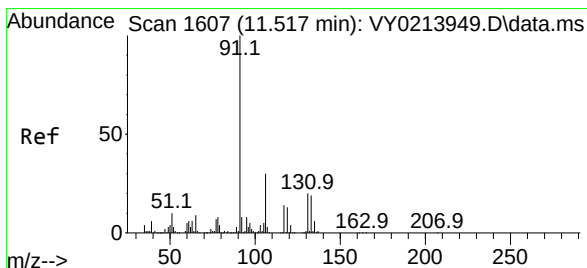
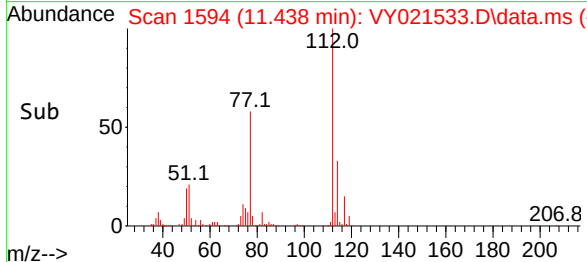
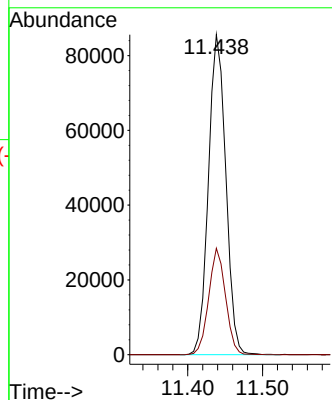
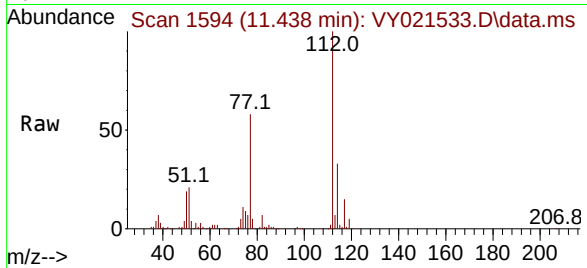




#65
Chlorobenzene
Concen: 22.197 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

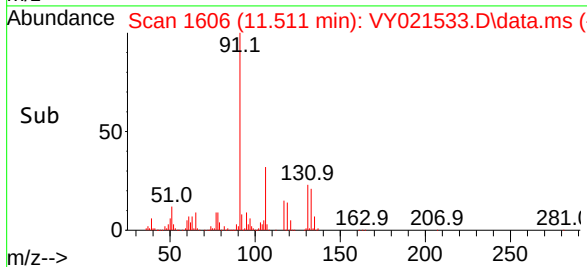
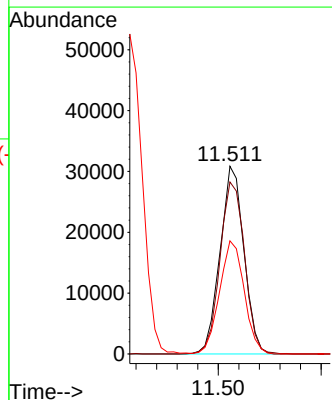
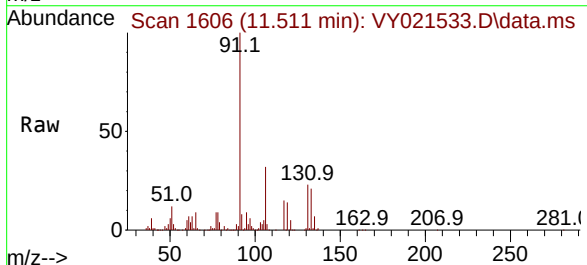
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

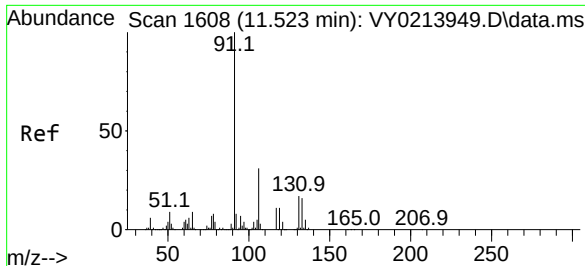
Tgt Ion:112 Resp: 138056
Ion Ratio Lower Upper
112 100
114 33.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.571 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:131 Resp: 49631
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 62.4 32.3 96.9





#67

Ethyl Benzene

Concen: 21.281 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

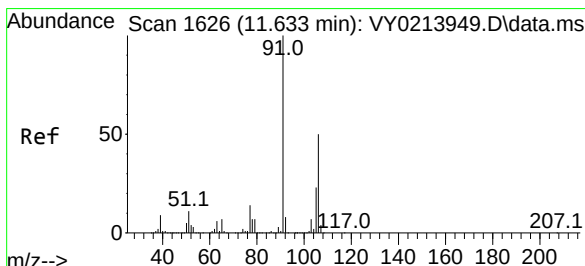
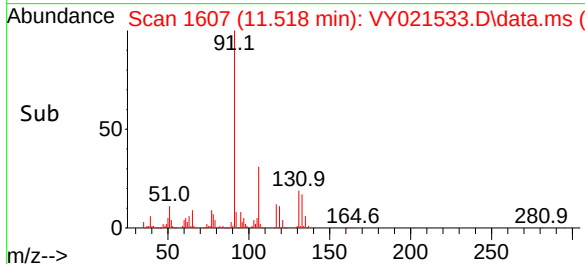
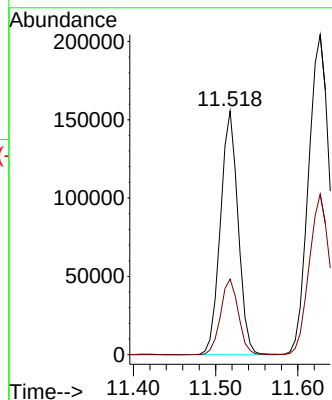
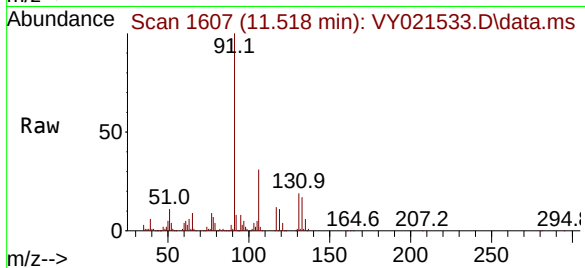
VY0314SBSD01

Tgt Ion: 91 Resp: 232315

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 43.197 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021533.D

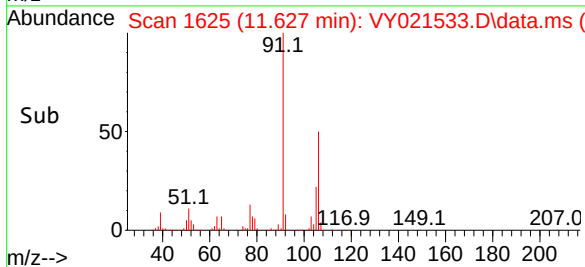
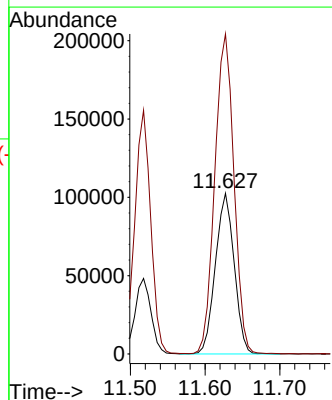
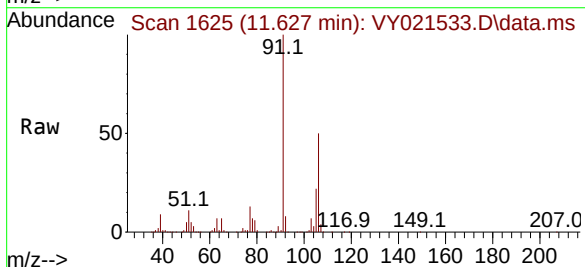
Acq: 14 Mar 2025 12:13

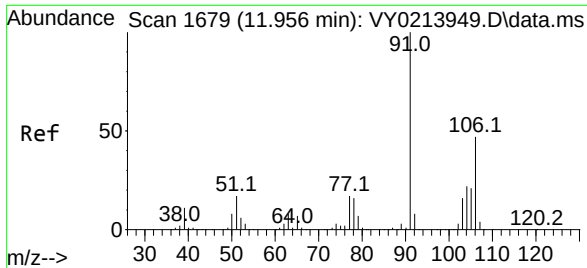
Tgt Ion: 106 Resp: 179031

Ion Ratio Lower Upper

106 100

91 203.3 161.7 242.5

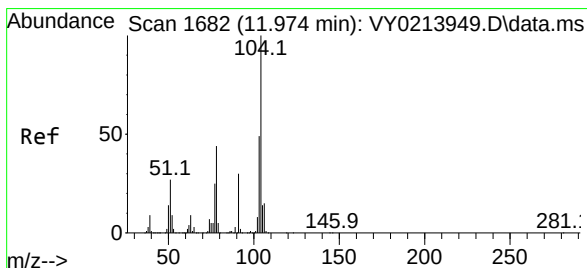
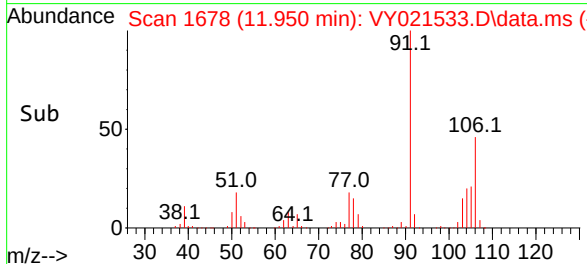
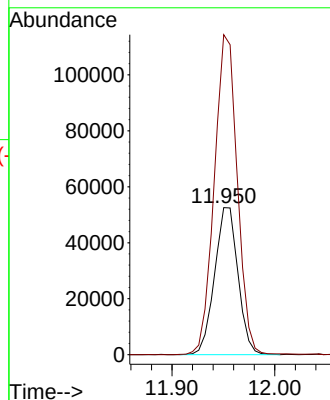
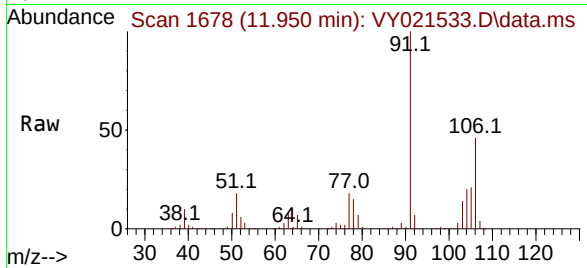




#69
o-Xylene
Concen: 21.731 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

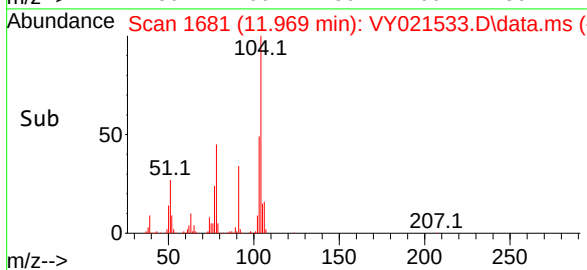
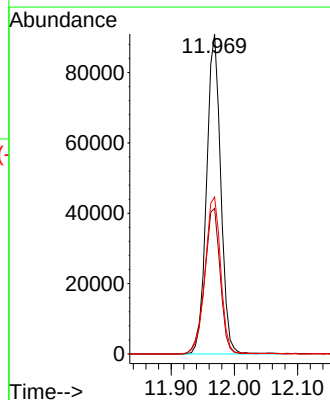
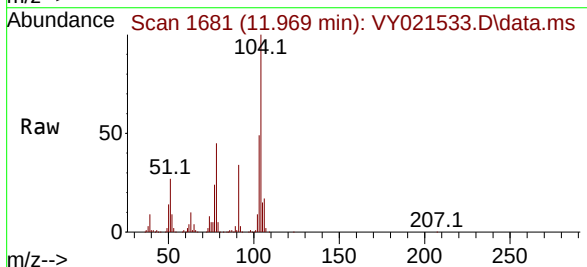
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBS01

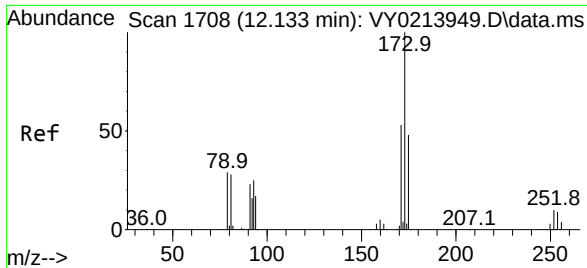
Tgt Ion:106 Resp: 83006
Ion Ratio Lower Upper
106 100
91 214.6 107.6 322.8



#70
Styrene
Concen: 22.355 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:104 Resp: 141660
Ion Ratio Lower Upper
104 100
78 50.3 40.7 61.1
103 54.2 44.1 66.1

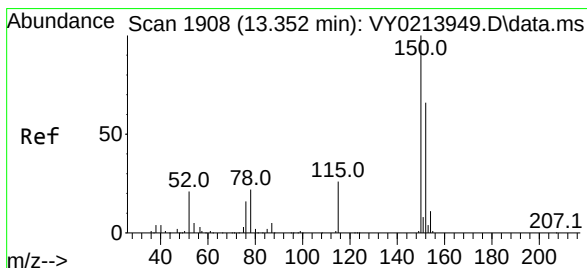
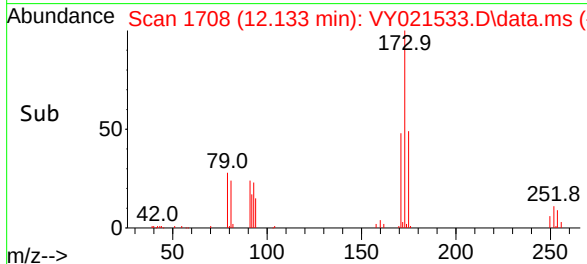
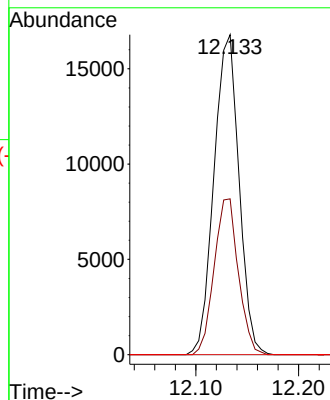
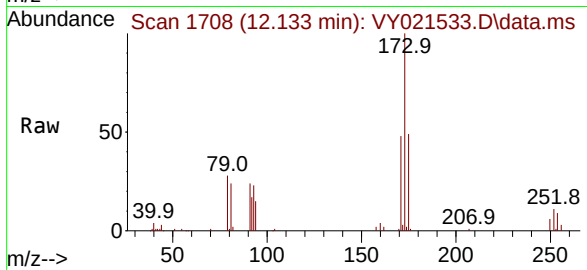




#71
Bromoform
Concen: 23.076 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

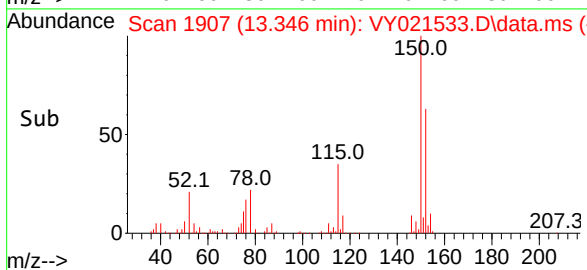
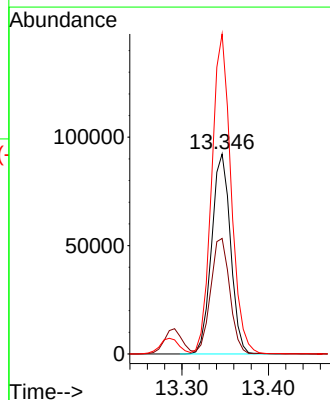
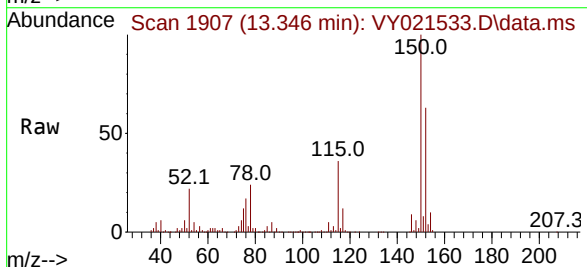
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

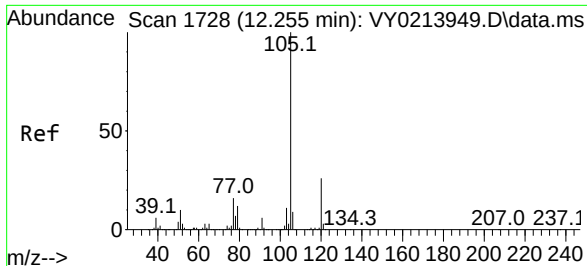
Tgt Ion:173 Resp: 28365
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion:152 Resp: 139875
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 163.4 0.0 347.2

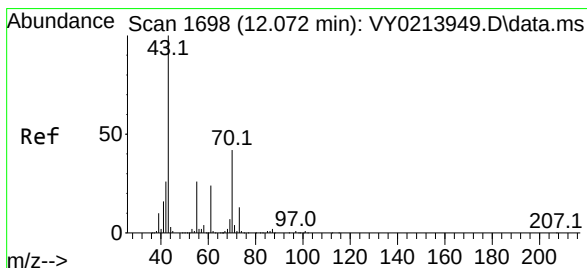
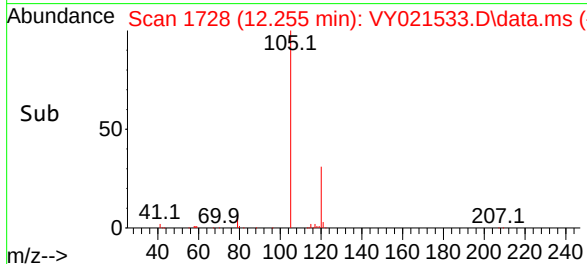
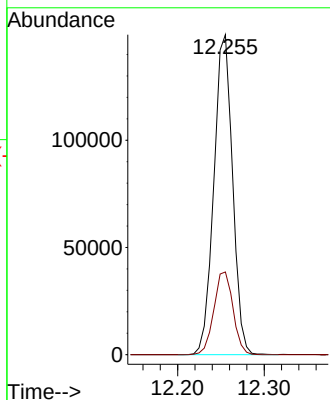
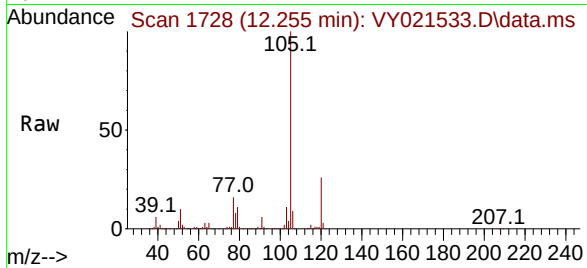




#73
Isopropylbenzene
Concen: 20.319 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

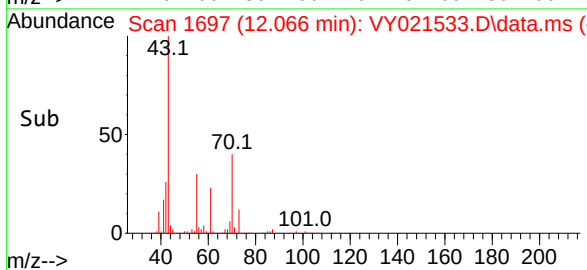
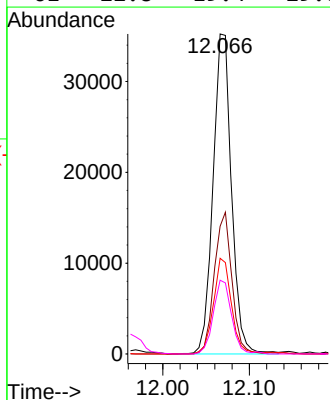
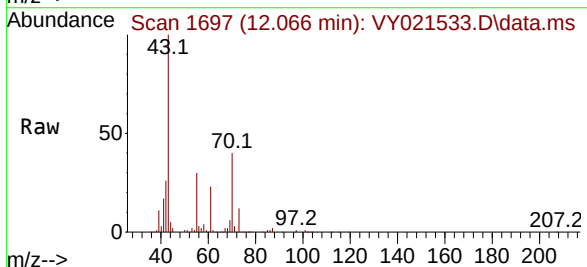
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

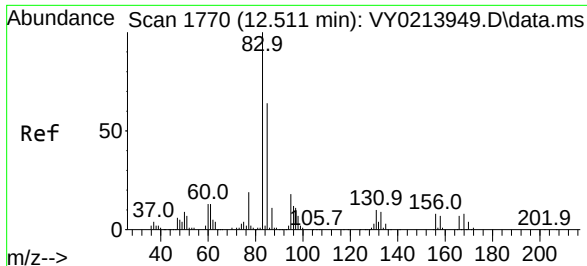
Tgt Ion:105 Resp: 223880
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 21.860 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 43 Resp: 52309
Ion Ratio Lower Upper
43 100
70 42.0 34.6 51.8
55 29.0 21.1 31.7
61 22.8 19.4 29.0

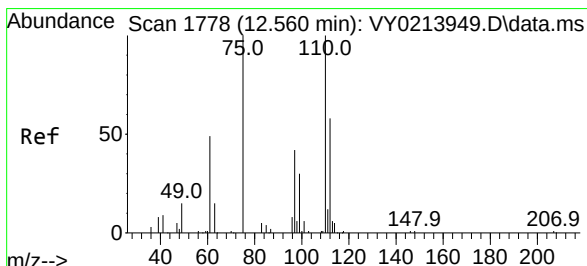
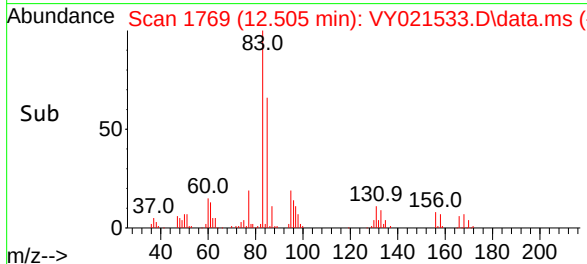
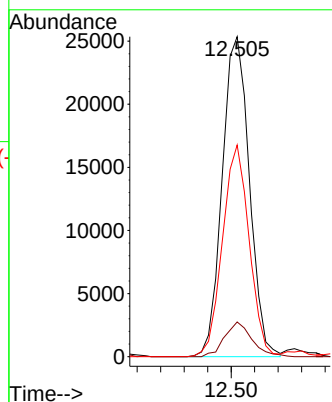
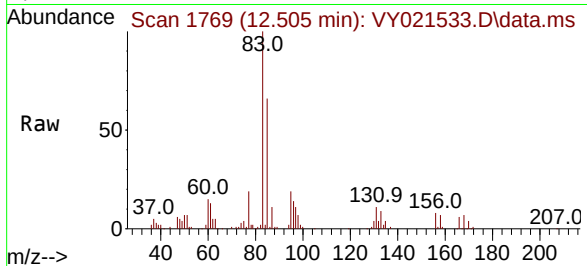




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.961 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

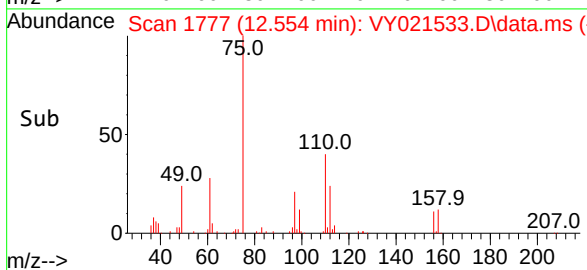
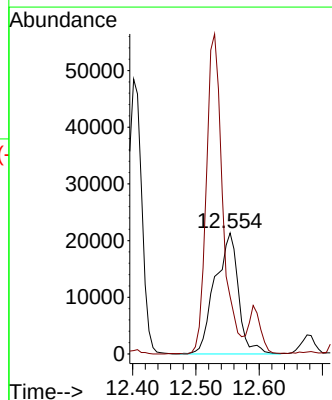
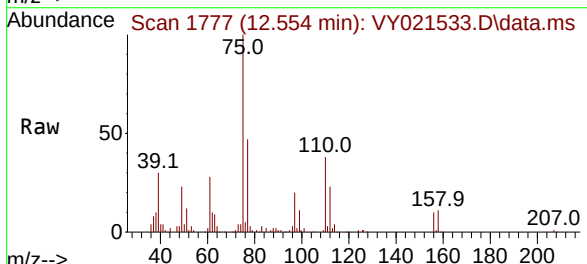
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

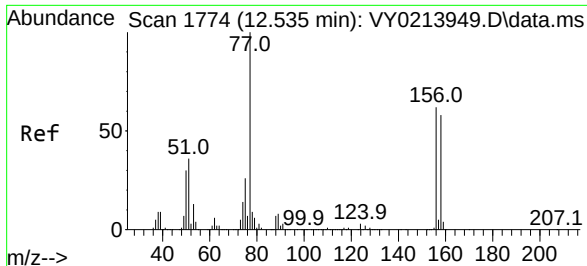
Tgt Ion: 83 Resp: 40756
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 64.9 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 38.851 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion: 75 Resp: 54761
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

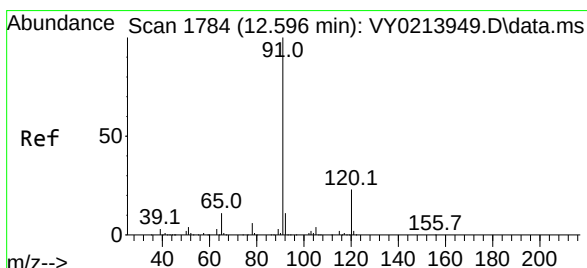
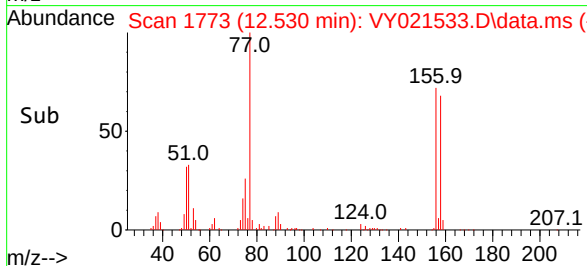
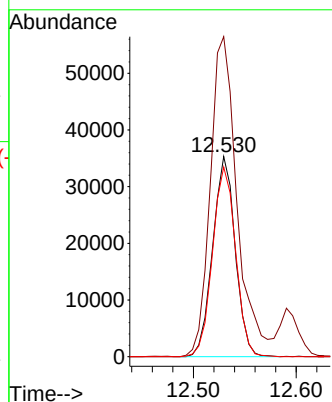
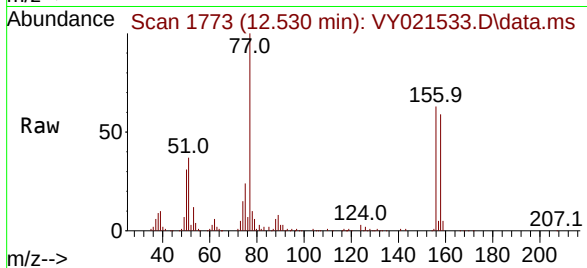




#77
Bromobenzene
Concen: 20.821 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

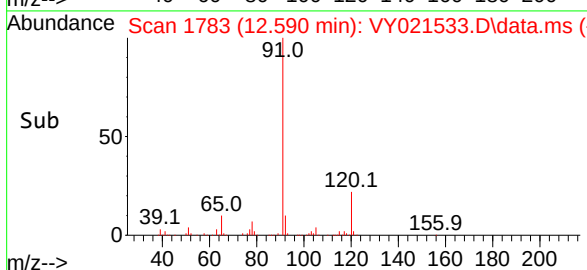
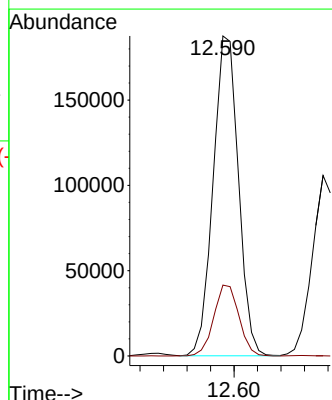
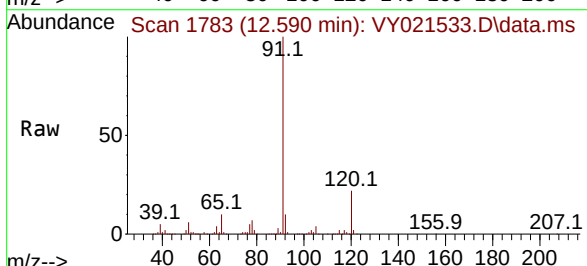
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

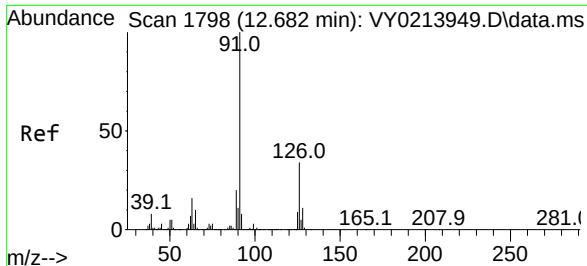
Tgt Ion:156 Resp: 53670
Ion Ratio Lower Upper
156 100
77 189.0 93.6 280.8
158 97.0 48.3 144.8



#78
n-propylbenzene
Concen: 20.907 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 91 Resp: 279766
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 20.868 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

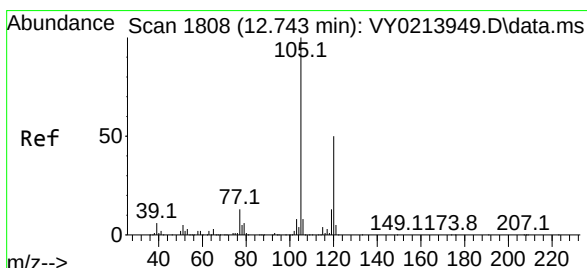
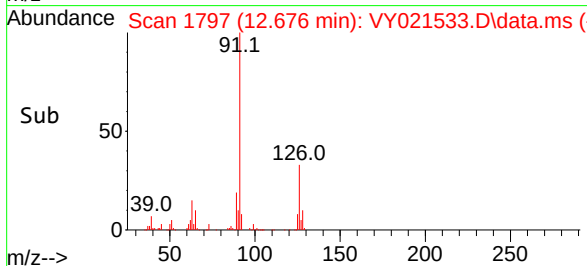
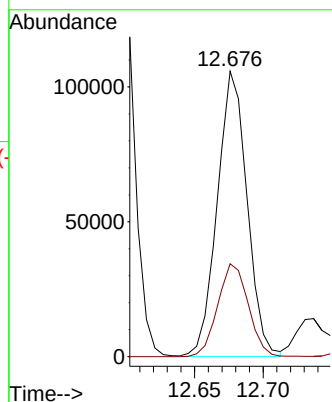
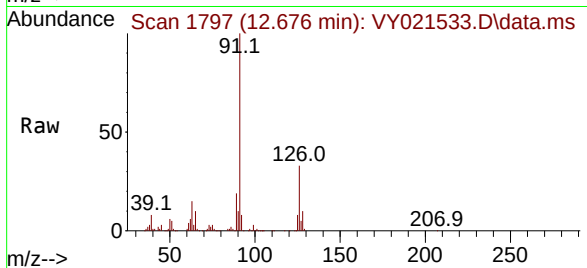
VY0314SBSD01

Tgt Ion: 91 Resp: 159673

Ion Ratio Lower Upper

91 100

126 33.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.686 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021533.D

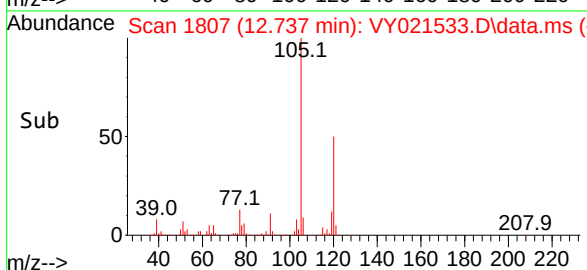
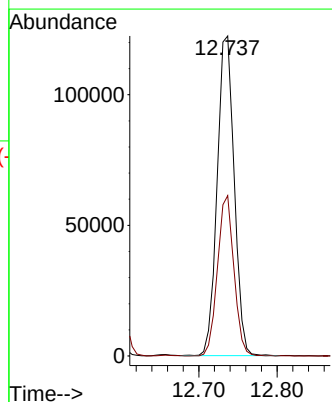
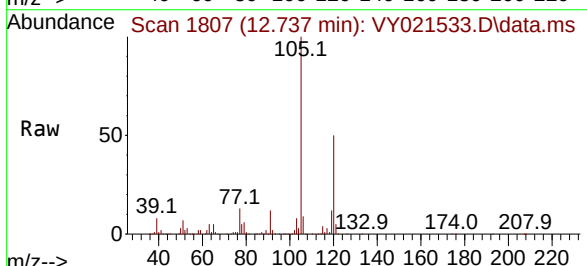
Acq: 14 Mar 2025 12:13

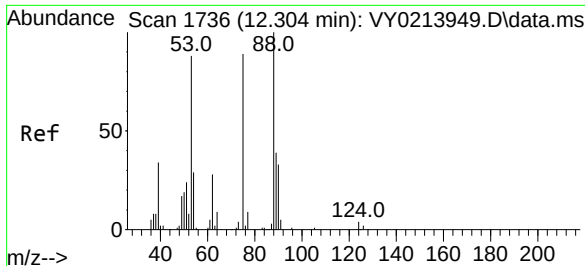
Tgt Ion: 105 Resp: 185228

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.6

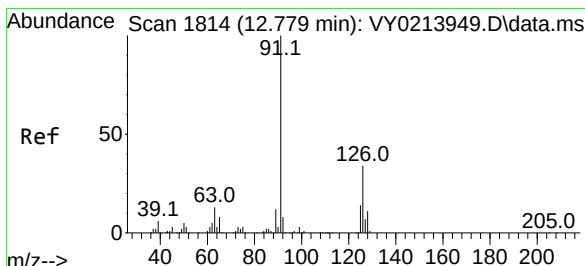
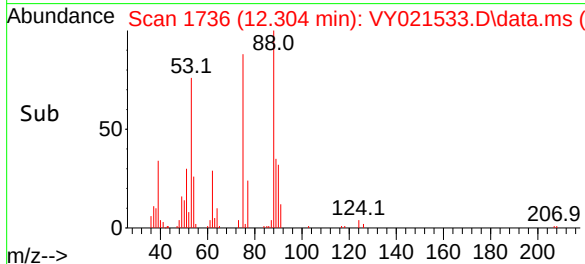
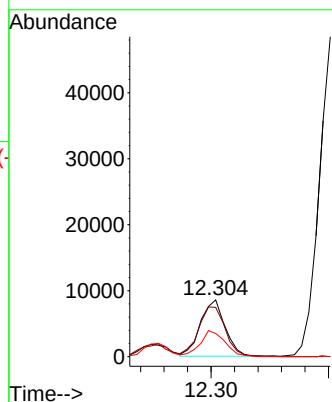
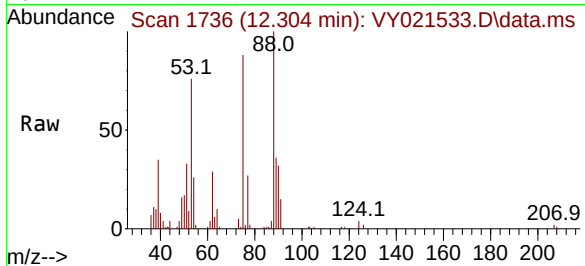




#81
trans-1,4-Dichloro-2-butene
Concen: 20.096 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

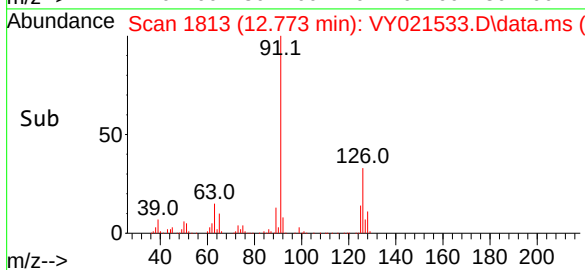
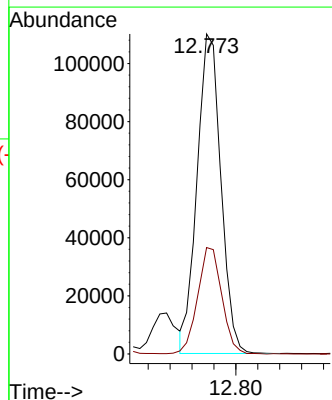
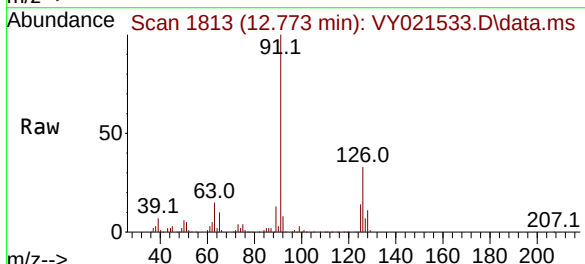
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBSD01

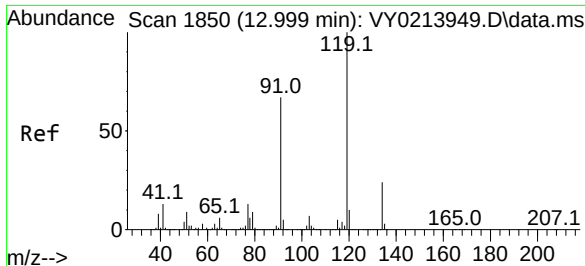
Tgt Ion: 75 Resp: 12460
Ion Ratio Lower Upper
75 100
53 96.5 81.0 121.4
89 46.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.975 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021533.D
Acq: 14 Mar 2025 12:13

Tgt Ion: 91 Resp: 166186
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

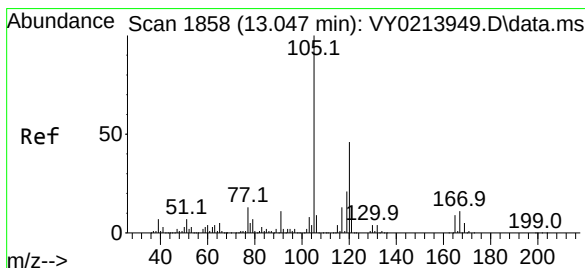
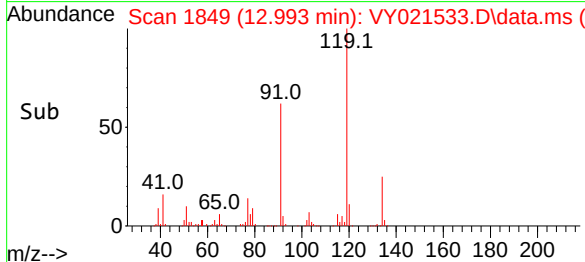
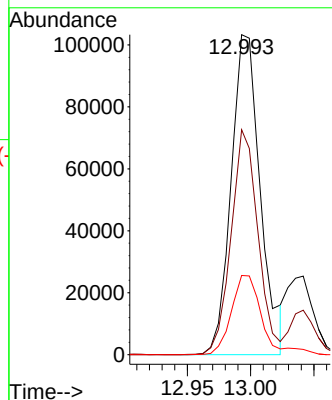
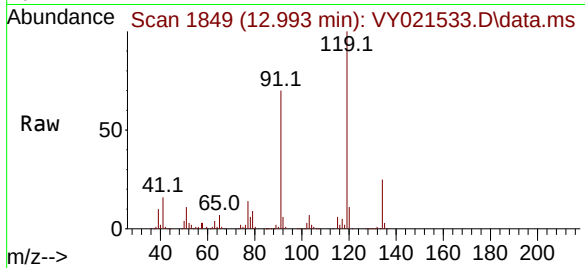




#83
 tert-Butylbenzene
 Concen: 20.746 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

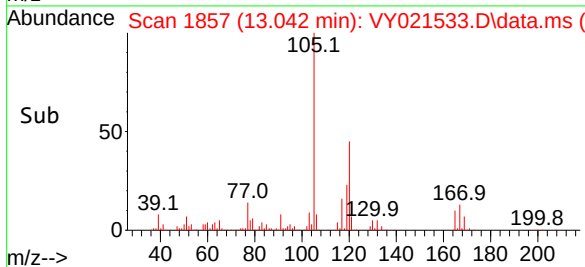
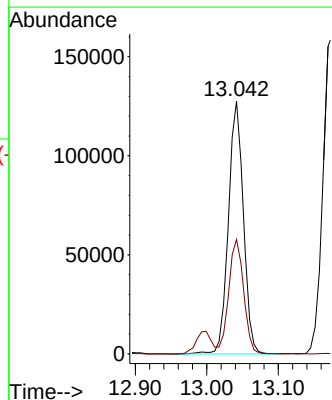
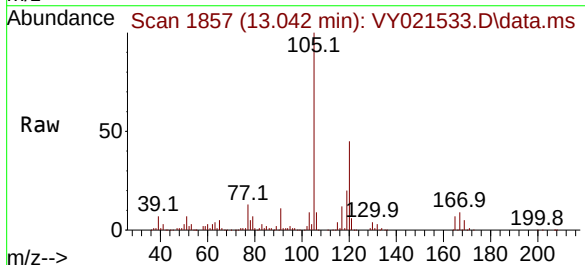
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

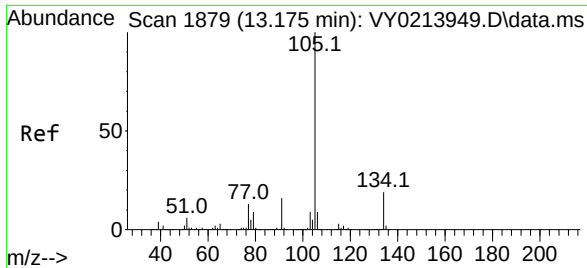
Tgt Ion:119 Resp: 165720
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.2 99.6
 134 25.9 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.887 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion:105 Resp: 185695
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

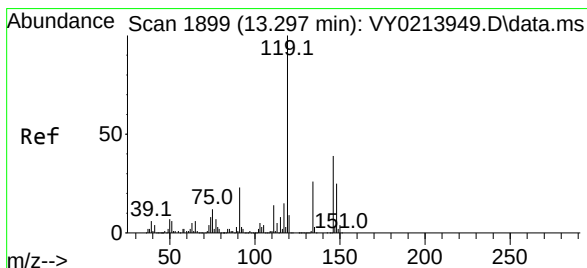
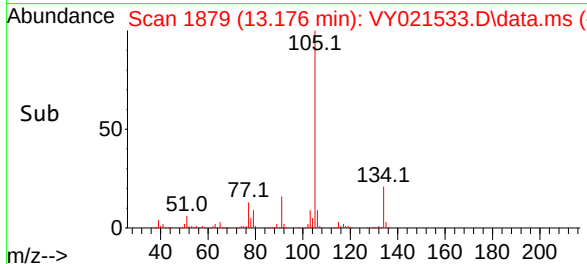
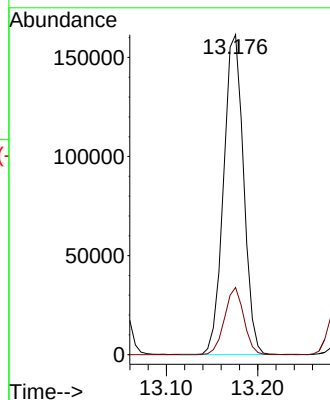
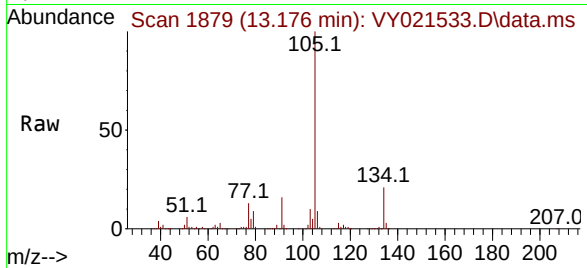




#85
 sec-Butylbenzene
 Concen: 20.695 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

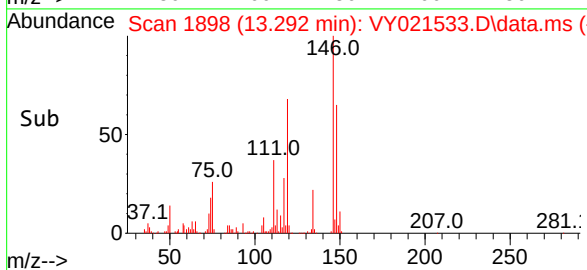
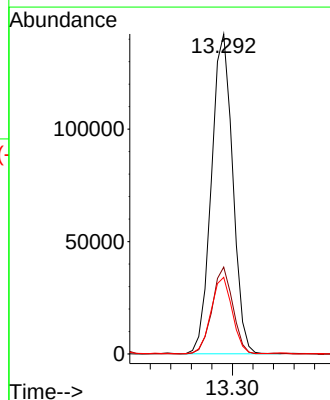
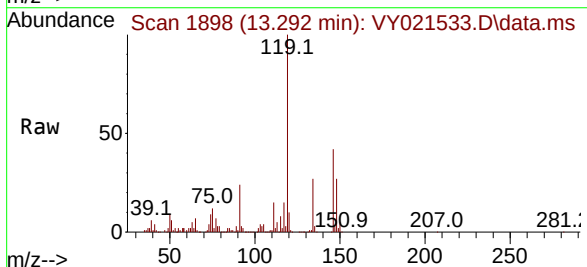
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

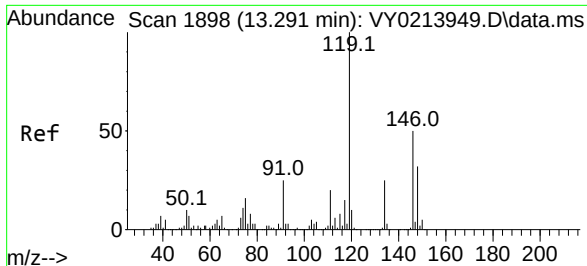
Tgt Ion:105 Resp: 245955
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.864 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion:119 Resp: 204282
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.982 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

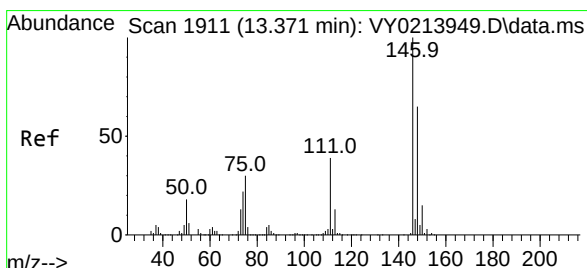
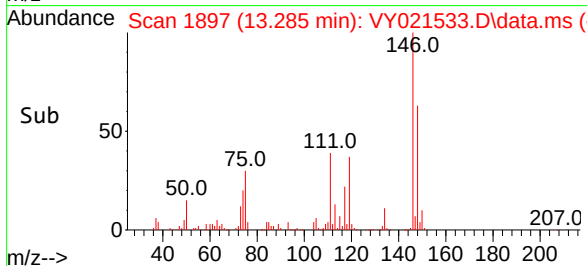
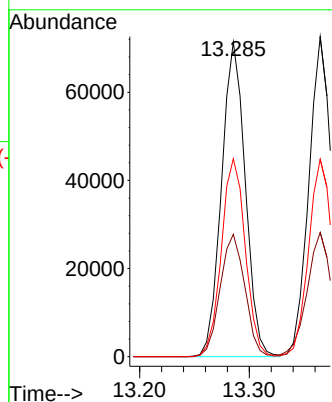
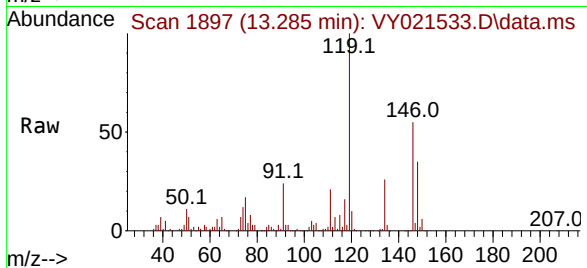
Tgt Ion:146 Resp: 107663

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.237 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

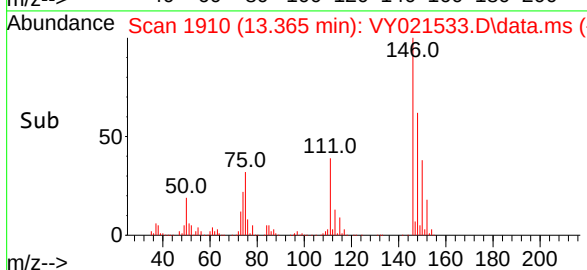
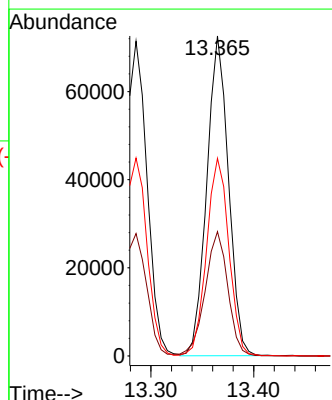
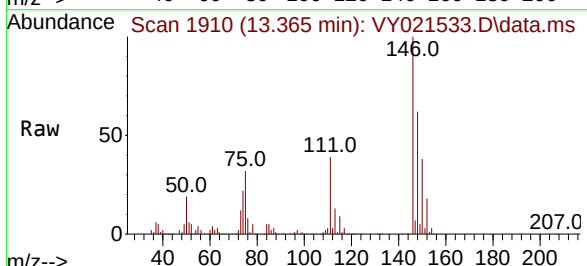
Tgt Ion:146 Resp: 106571

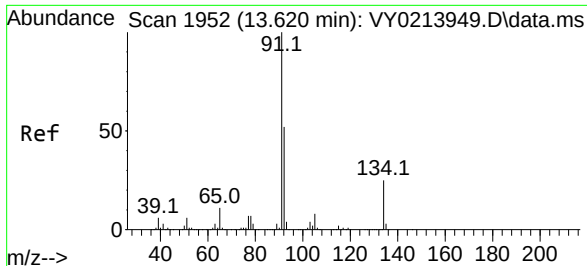
Ion Ratio Lower Upper

146 100

111 40.9 19.6 58.8

148 63.6 32.3 96.8





#89

n-Butylbenzene

Concen: 20.996 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBSD01

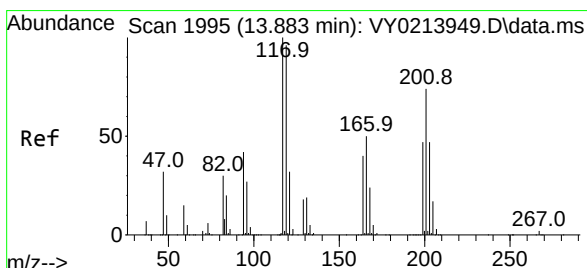
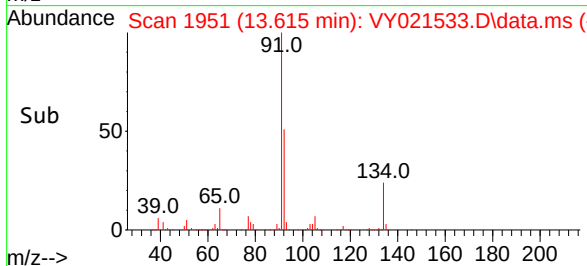
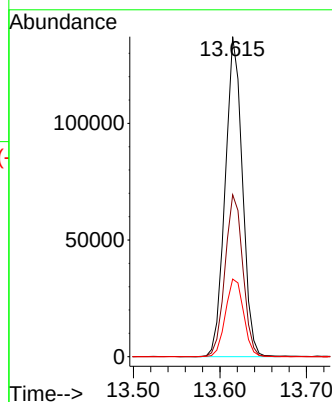
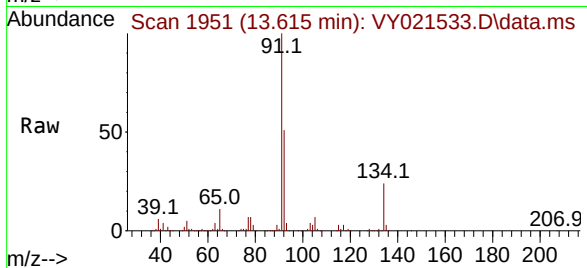
Tgt Ion: 91 Resp: 189834

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 20.760 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021533.D

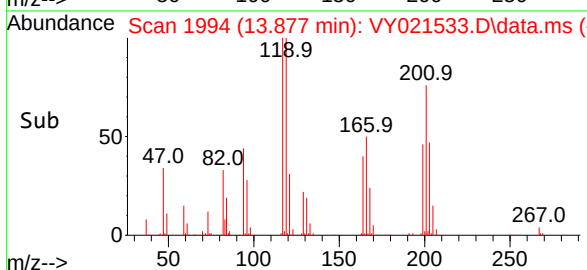
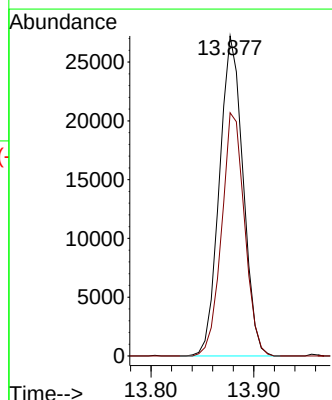
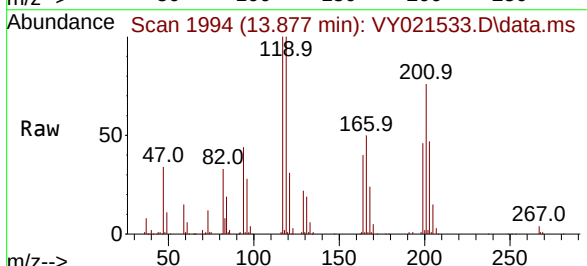
Acq: 14 Mar 2025 12:13

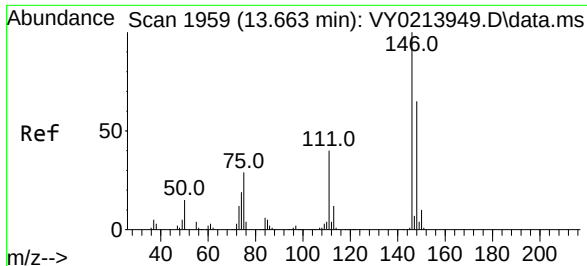
Tgt Ion: 117 Resp: 43363

Ion Ratio Lower Upper

117 100

201 73.8 37.4 112.2

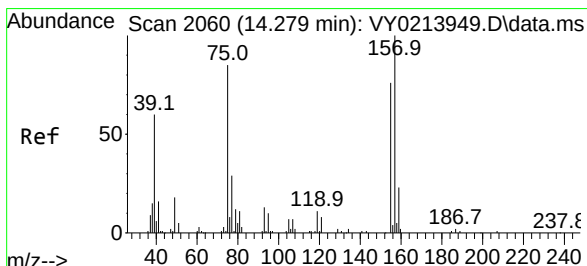
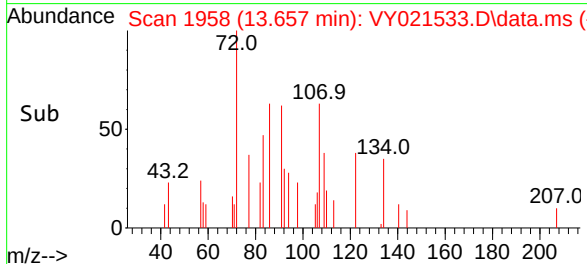
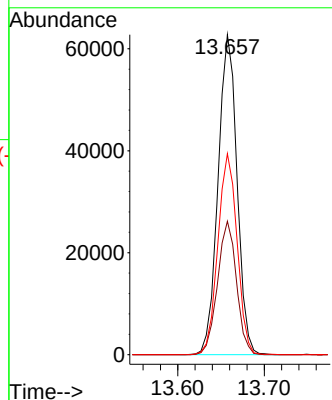
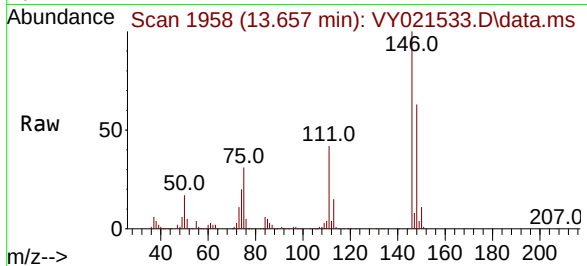




#91
 1,2-Dichlorobenzene
 Concen: 21.710 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

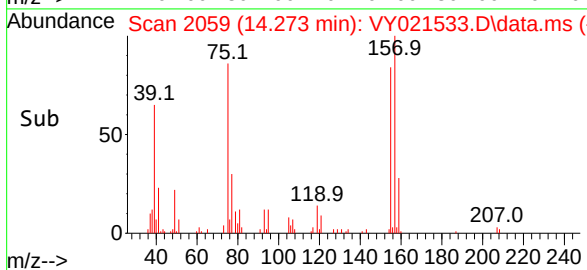
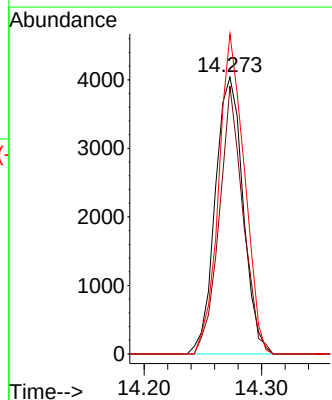
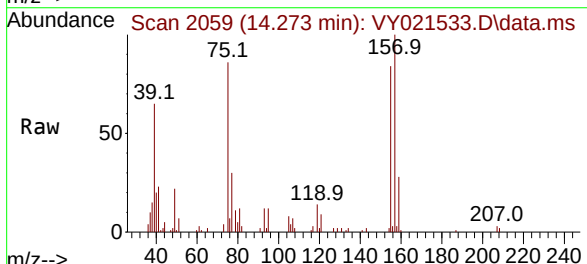
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

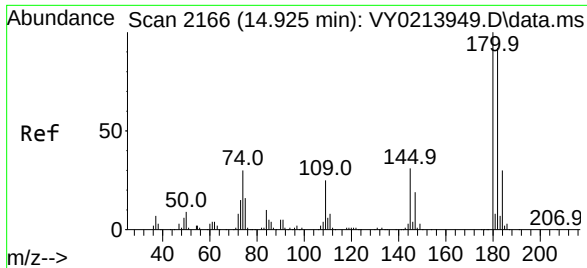
Tgt Ion:146 Resp: 95474
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 63.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.818 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion: 75 Resp: 6646
 Ion Ratio Lower Upper
 75 100
 155 82.6 43.5 130.5
 157 106.9 54.4 163.2

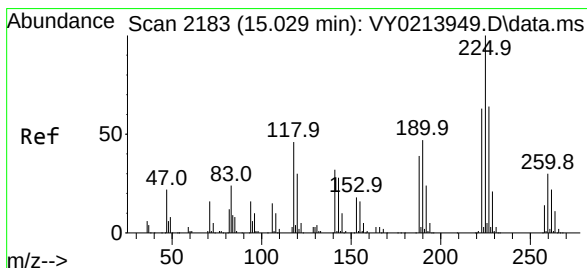
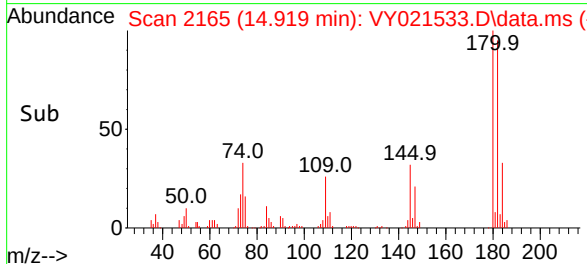
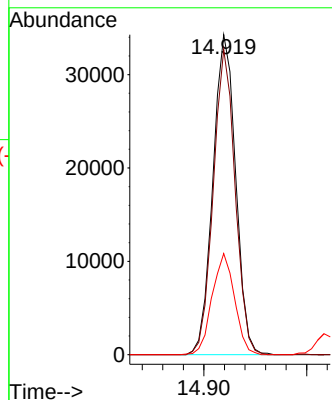
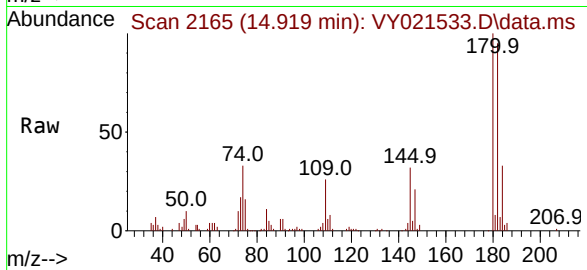




#93
 1,2,4-Trichlorobenzene
 Concen: 21.901 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

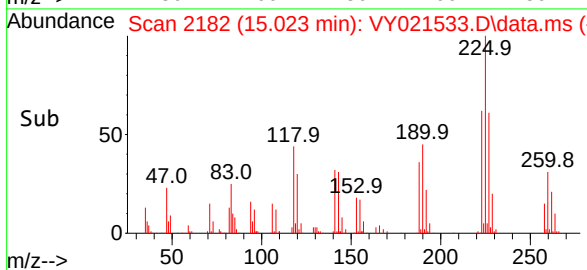
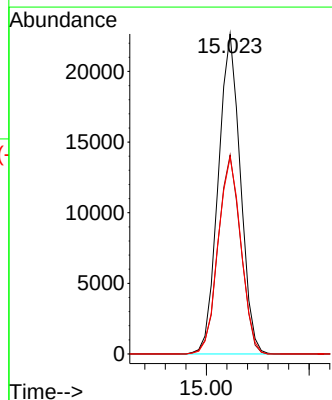
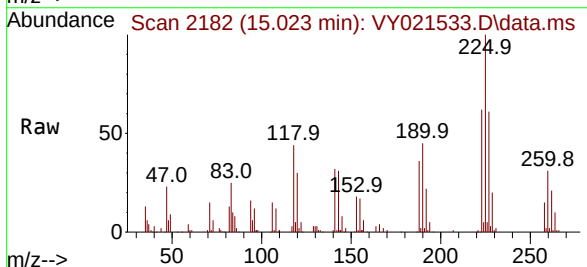
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBSD01

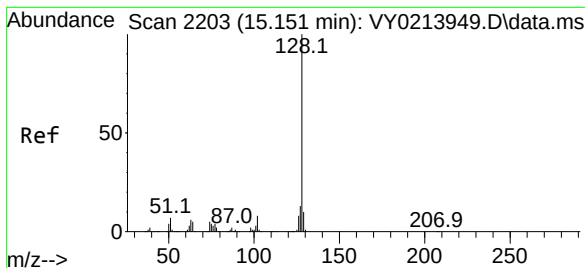
Tgt Ion:180 Resp: 52609
 Ion Ratio Lower Upper
 180 100
 182 91.7 46.7 140.0
 145 31.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 22.455 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021533.D
 Acq: 14 Mar 2025 12:13

Tgt Ion:225 Resp: 33812
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.4 94.2
 227 63.6 31.8 95.4





#95

Naphthalene

Concen: 22.415 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBS01

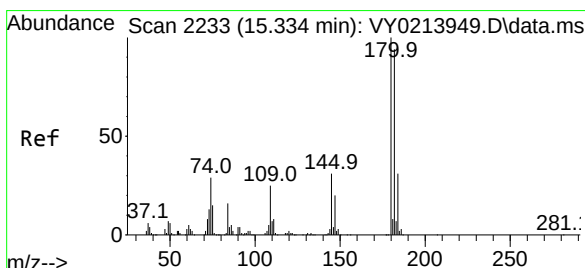
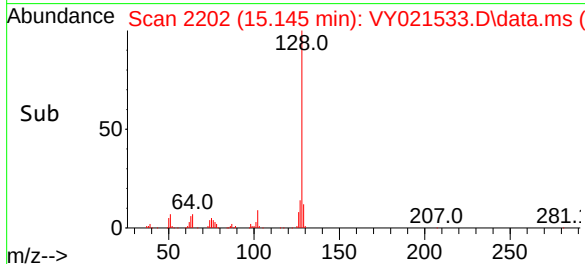
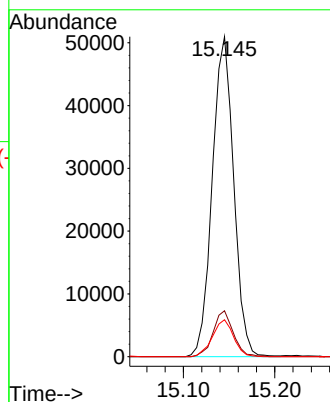
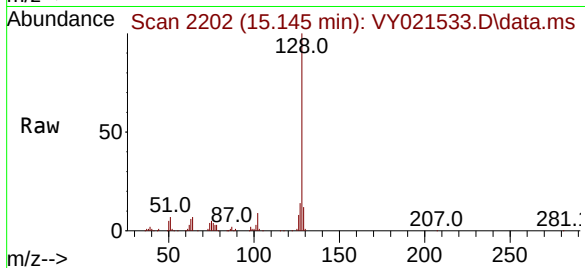
Tgt Ion:128 Resp: 82933

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.618 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021533.D

Acq: 14 Mar 2025 12:13

Tgt Ion:180 Resp: 45694

Ion Ratio Lower Upper

180 100

182 94.9 47.2 141.6

145 31.3 16.4 49.1

