

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021451.D
 Acq On : 07 Mar 2025 09:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 07 21:59:36 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	212653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	324643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	291936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	151541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118388	52.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.340%	
35) Dibromofluoromethane	7.634	113	114359	53.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.180%	
50) Toluene-d8	10.109	98	438551	54.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.408	95	149818	54.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	92952	47.633	ug/l	97
3) Chloromethane	2.068	50	140754	51.160	ug/l	97
4) Vinyl Chloride	2.208	62	165102	54.913	ug/l	95
5) Bromomethane	2.598	94	108731	50.038	ug/l	93
6) Chloroethane	2.739	64	116189	58.478	ug/l	98
7) Trichlorofluoromethane	3.062	101	247591	58.999	ug/l	99
8) Diethyl Ether	3.458	74	57438	49.389	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	122660	51.194	ug/l	98
10) Methyl Iodide	4.007	142	130359	53.524	ug/l	98
11) Tert butyl alcohol	4.872	59	32170	217.181	ug/l #	72
12) 1,1-Dichloroethene	3.793	96	109132	49.960	ug/l	100
13) Acrolein	3.653	56	4140	36.213	ug/l	94
14) Allyl chloride	4.385	41	182499	51.698	ug/l	99
15) Acrylonitrile	5.061	53	122735	247.916	ug/l	100
16) Acetone	3.873	43	128966	263.075	ug/l	92
17) Carbon Disulfide	4.104	76	347050	50.695	ug/l	100
18) Methyl Acetate	4.385	43	59587	54.782	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	277390	50.102	ug/l	99
20) Methylene Chloride	4.616	84	122314	47.532	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	124741	50.991	ug/l	98
22) Diisopropyl ether	6.019	45	405674	53.324	ug/l	99
23) Vinyl Acetate	5.958	43	1124928	259.094	ug/l	99
24) 1,1-Dichloroethane	5.915	63	232909	51.872	ug/l	99
25) 2-Butanone	6.896	43	173030	255.158	ug/l	95
26) 2,2-Dichloropropane	6.884	77	210852	51.037	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	143612	51.675	ug/l	100
28) Bromochloromethane	7.244	49	95177	50.561	ug/l	98
29) Tetrahydrofuran	7.262	42	104576	249.797	ug/l	99
30) Chloroform	7.421	83	244896	52.525	ug/l	98
31) Cyclohexane	7.701	56	208697	49.578	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	219670	51.456	ug/l	100
36) 1,1-Dichloropropene	7.835	75	176927	52.968	ug/l	98
37) Ethyl Acetate	6.982	43	75156	50.906	ug/l	99
38) Carbon Tetrachloride	7.817	117	200378	52.161	ug/l	96
39) Methylcyclohexane	9.109	83	220328	53.775	ug/l	99
40) Benzene	8.079	78	517955	52.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	38383	47.747	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	145297	52.784	ug/l	100
43) Isopropyl Acetate	8.195	43	143719	50.147	ug/l #	85
44) Trichloroethene	8.866	130	128256	51.581	ug/l	98
45) 1,2-Dichloropropane	9.140	63	124539	53.180	ug/l	98
46) Dibromomethane	9.231	93	68675	52.704	ug/l	98
47) Bromodichloromethane	9.420	83	184182	53.225	ug/l	99
48) Methyl methacrylate	9.219	41	69586	52.875	ug/l	98
49) 1,4-Dioxane	9.225	88	13340	1043.032	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	383449	259.306	ug/l	99
52) Toluene	10.170	92	332775	53.643	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	163450	53.613	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	192260	53.116	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	90308	52.982	ug/l	96
56) Ethyl methacrylate	10.438	69	115815	53.277	ug/l	99
57) 1,3-Dichloropropane	10.719	76	154604	52.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	273061	272.111	ug/l	100
59) 2-Hexanone	10.762	43	264611	270.623	ug/l	98
60) Dibromochloromethane	10.914	129	123851	53.002	ug/l	99
61) 1,2-Dibromoethane	11.018	107	83526	51.922	ug/l	98
64) Tetrachloroethene	10.646	164	120667	50.830	ug/l	99
65) Chlorobenzene	11.444	112	355846	51.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	127708	52.396	ug/l	99
67) Ethyl Benzene	11.524	91	648101	53.561	ug/l	100
68) m/p-Xylenes	11.627	106	493806	107.493	ug/l	99
69) o-Xylene	11.956	106	224944	53.130	ug/l	98
70) Styrene	11.969	104	385006	54.815	ug/l	100
71) Bromoform	12.133	173	70056	51.417	ug/l #	99
73) Isopropylbenzene	12.255	105	612734	51.329	ug/l	100
74) N-amyl acetate	12.072	43	130532	50.351	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	103195	48.988	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	134672	88.191	ug/l #	100
77) Bromobenzene	12.536	156	138017	49.420	ug/l	100
78) n-propylbenzene	12.597	91	756235	52.163	ug/l	100
79) 2-Chlorotoluene	12.682	91	421941	50.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	508497	52.417	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	32800	48.829	ug/l	99
82) 4-Chlorotoluene	12.779	91	432838	50.423	ug/l	99
83) tert-Butylbenzene	12.999	119	450950	52.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	505770	52.510	ug/l	99
85) sec-Butylbenzene	13.176	105	665822	51.710	ug/l	99
86) p-Isopropyltoluene	13.292	119	559380	52.732	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	277327	49.887	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	272960	50.207	ug/l	99
89) n-Butylbenzene	13.621	91	528248	53.928	ug/l	100
90) Hexachloroethane	13.883	117	113792	50.283	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	239550	50.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15548	49.273	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	133987	51.485	ug/l	98
94) Hexachlorobutadiene	15.029	225	86118	52.790	ug/l	99
95) Naphthalene	15.145	128	219063	49.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	112240	51.280	ug/l	98

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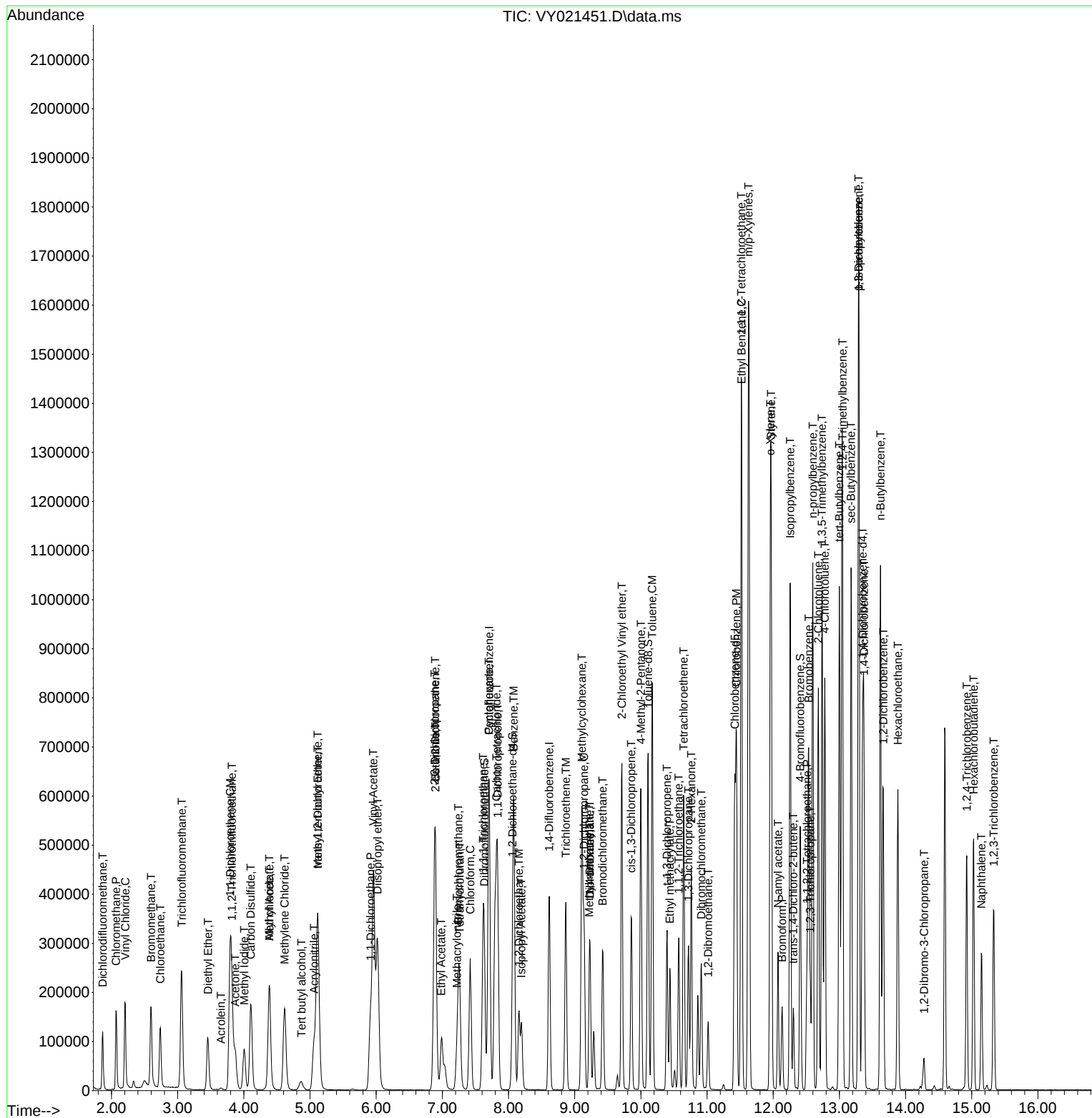
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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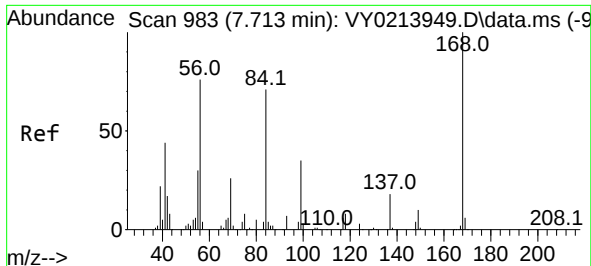
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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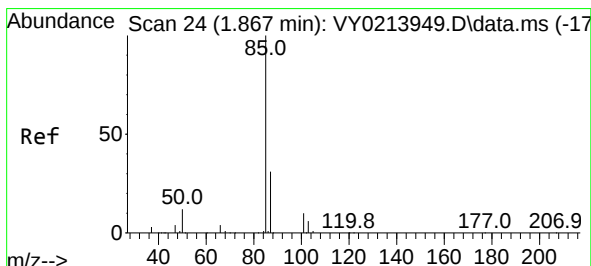
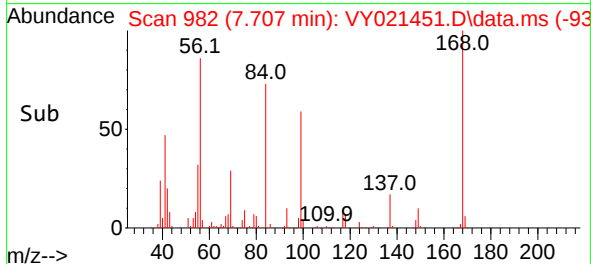
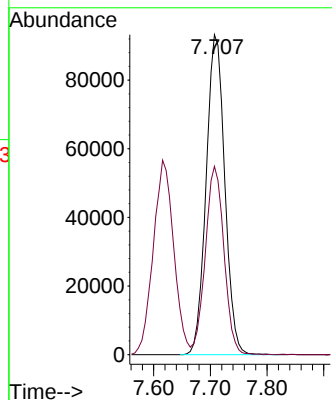
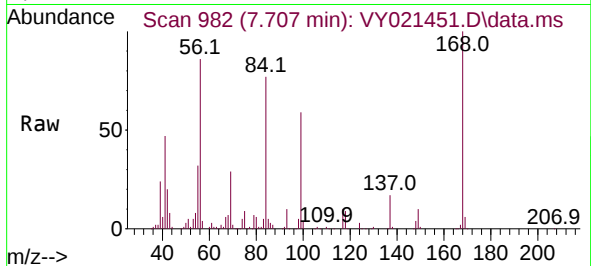




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021451.D
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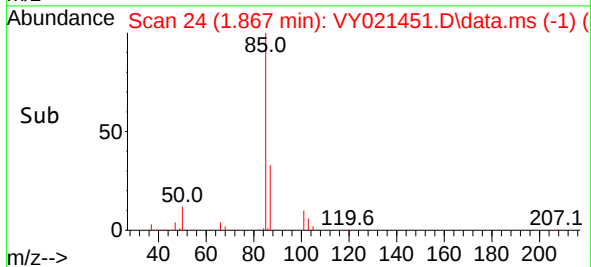
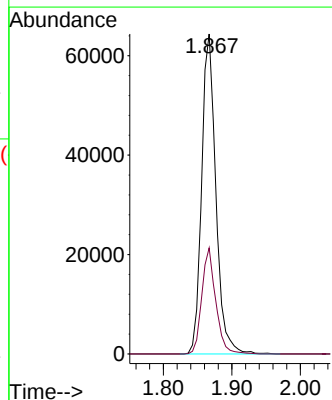
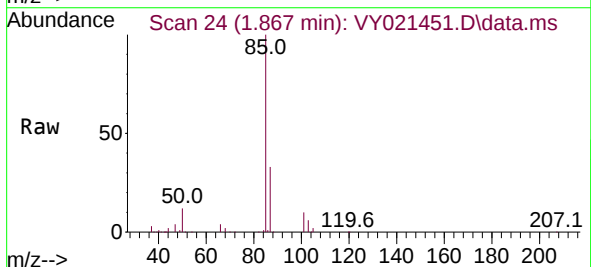
Instrument :
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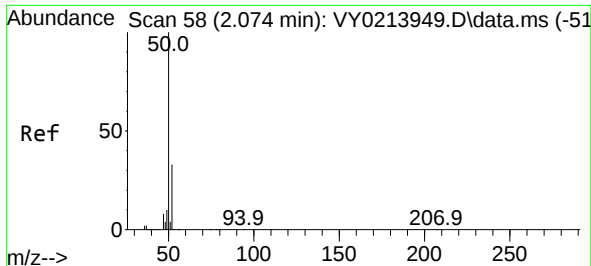
Tgt Ion:168 Resp: 212653
Ion Ratio Lower Upper
168 100
99 58.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 47.633 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 85 Resp: 92952
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

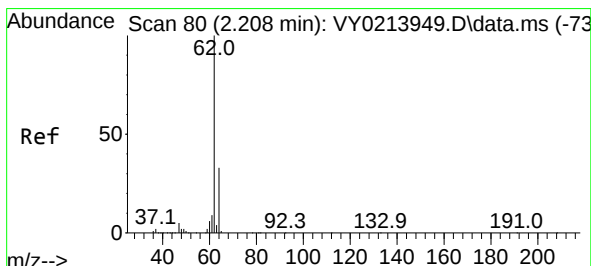
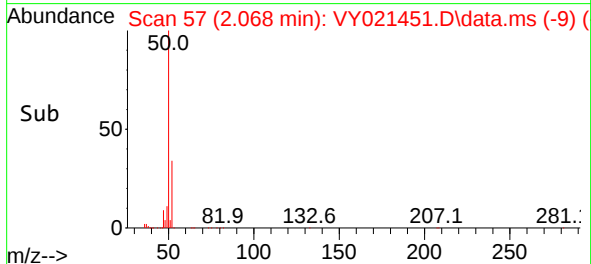
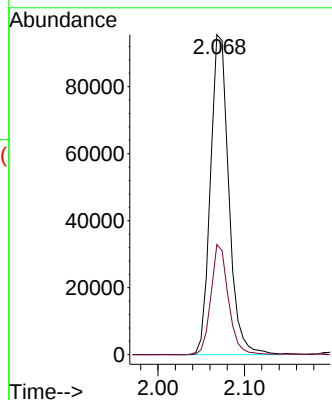
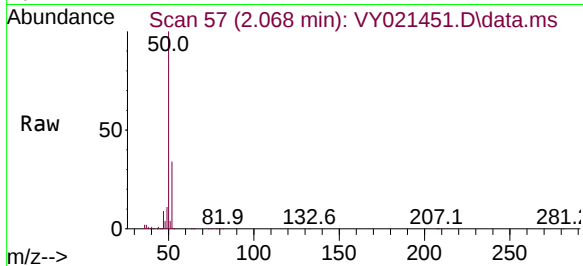




#3
Chloromethane
Concen: 51.160 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

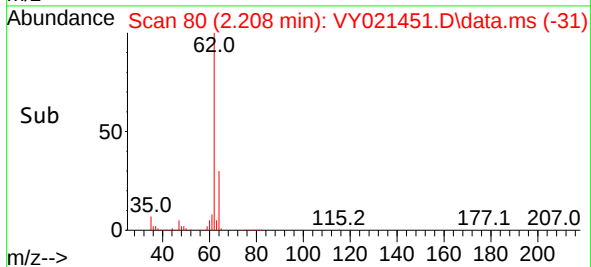
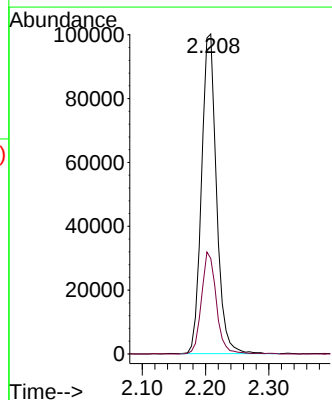
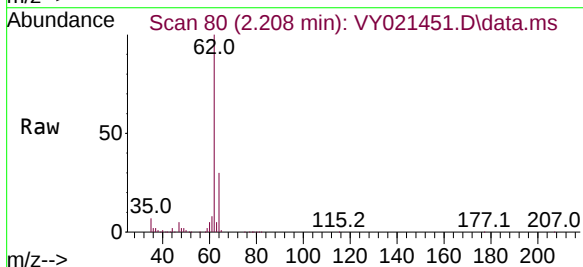
Instrument :
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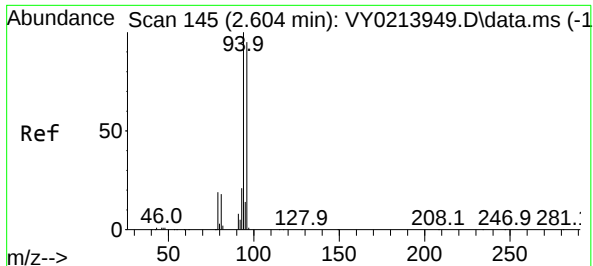
Tgt Ion: 50 Resp: 140754
Ion Ratio Lower Upper
50 100
52 34.4 26.2 39.2



#4
Vinyl Chloride
Concen: 54.913 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 62 Resp: 165102
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2

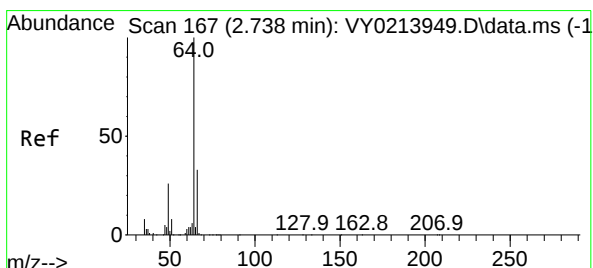
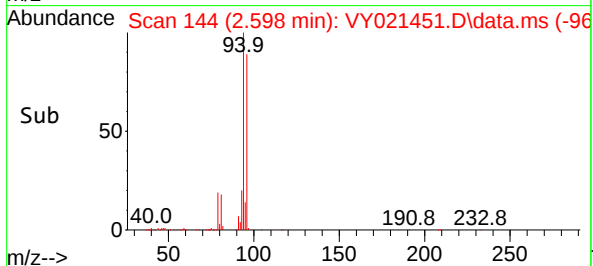
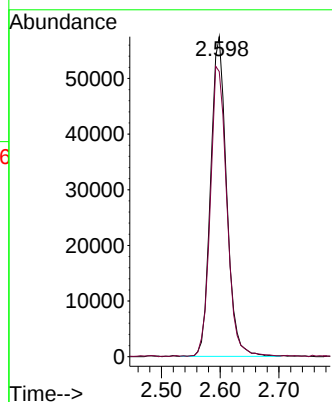
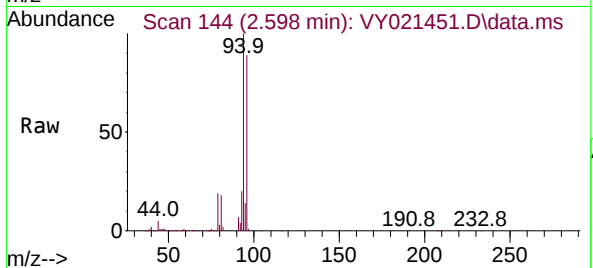




#5
Bromomethane
Concen: 50.038 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

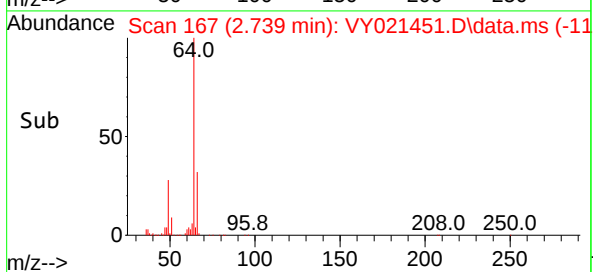
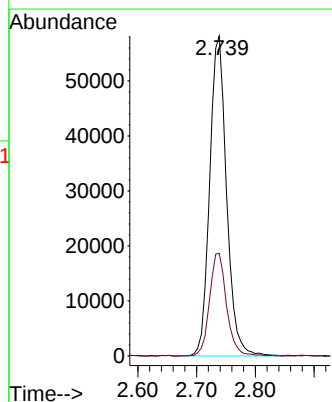
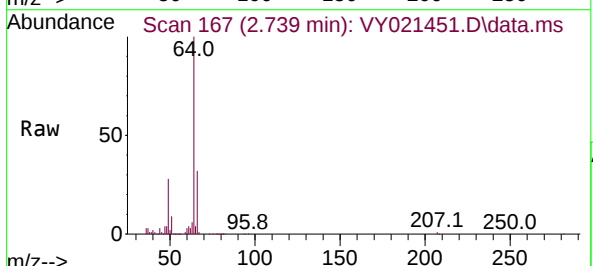
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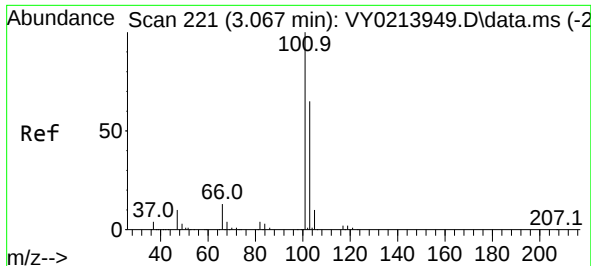
Tgt Ion: 94 Resp: 108731
Ion Ratio Lower Upper
94 100
96 89.0 76.3 114.5



#6
Chloroethane
Concen: 58.478 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 64 Resp: 116189
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1

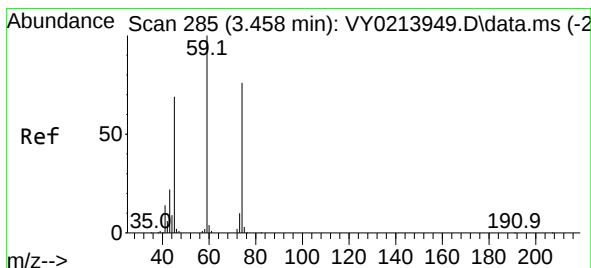
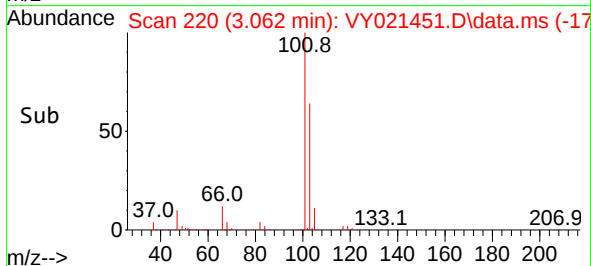
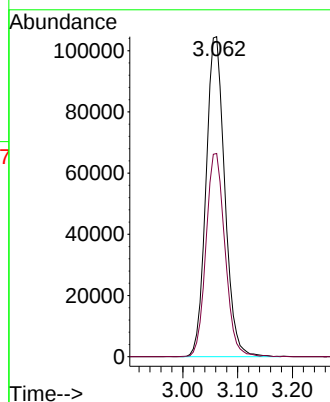
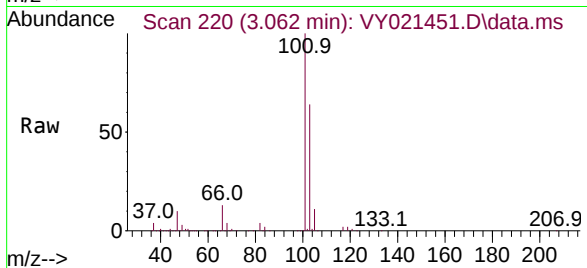




#7
Trichlorofluoromethane
Concen: 58.999 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

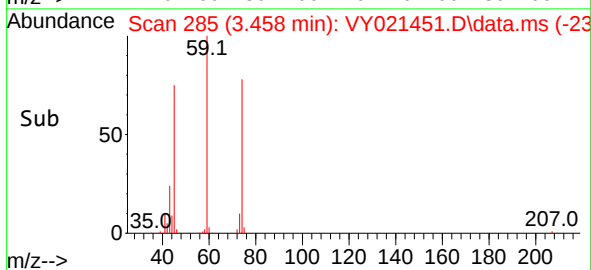
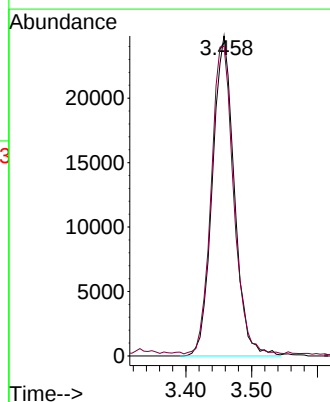
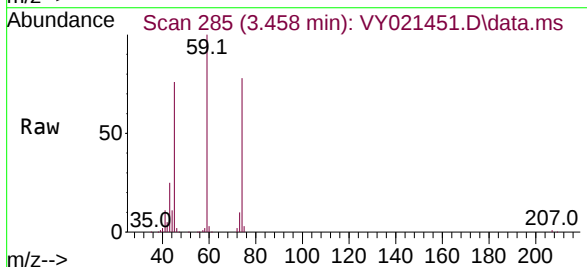
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 247591
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5



#8
Diethyl Ether
Concen: 49.389 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 74 Resp: 57438
Ion Ratio Lower Upper
74 100
45 98.6 49.7 149.1

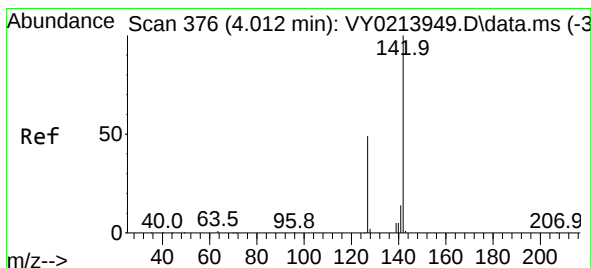
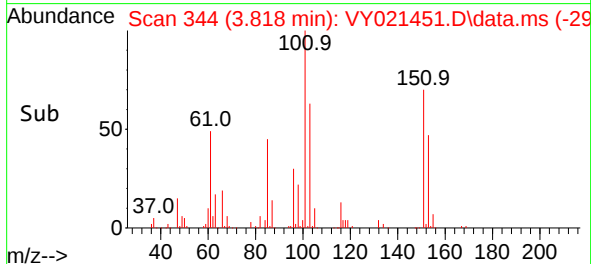
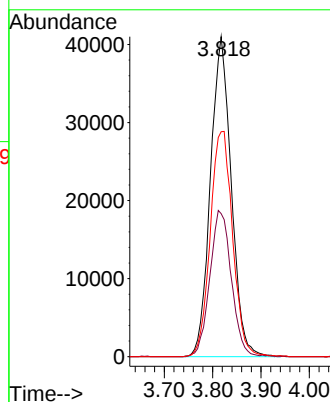
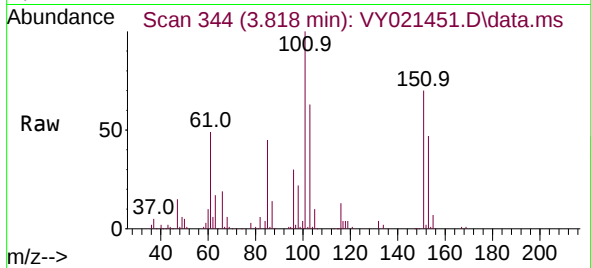




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.194 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

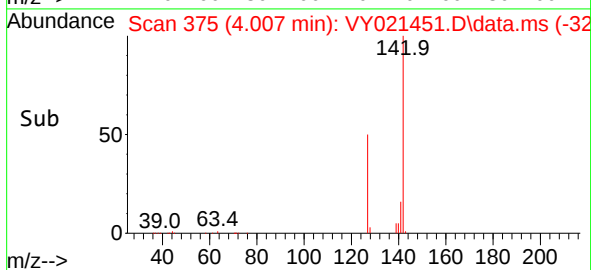
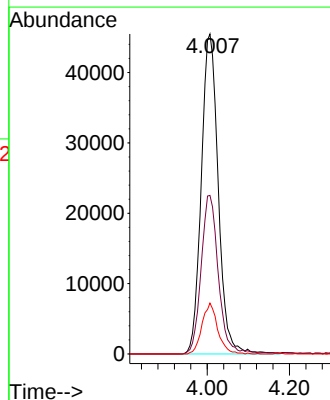
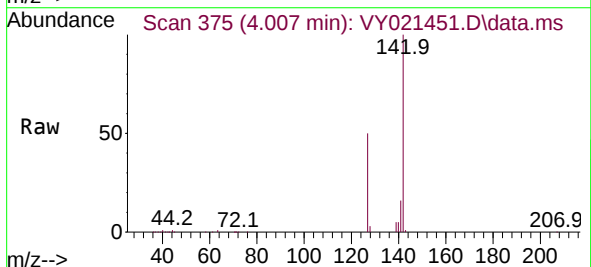
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

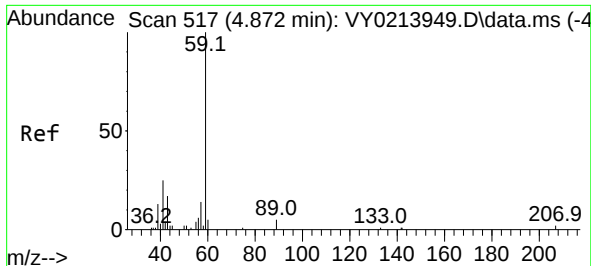
Tgt Ion:101 Resp: 122660
Ion Ratio Lower Upper
101 100
85 47.1 37.1 55.7
151 75.7 62.1 93.1



#10
Methyl Iodide
Concen: 53.524 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:142 Resp: 130359
Ion Ratio Lower Upper
142 100
127 50.2 39.1 58.7
141 14.7 11.8 17.6

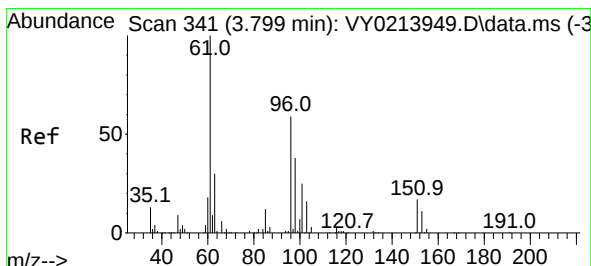
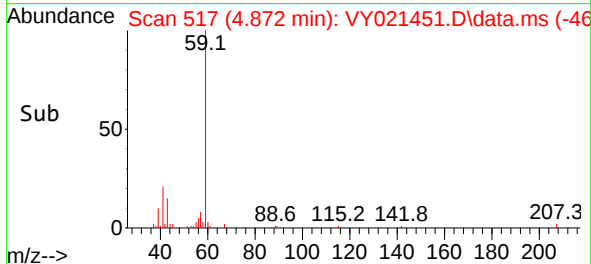
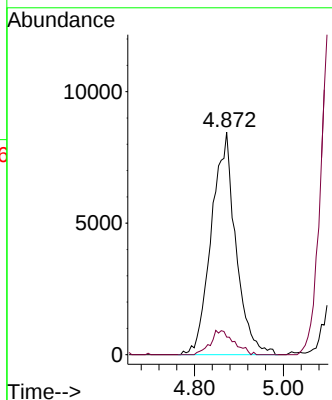
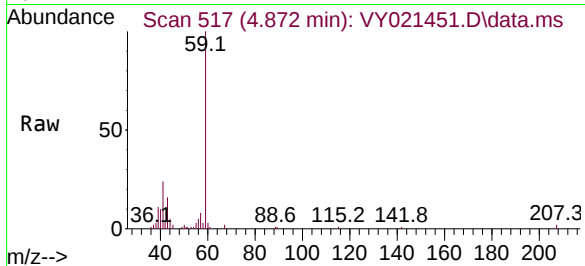




#11
Tert butyl alcohol
Concen: 217.181 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

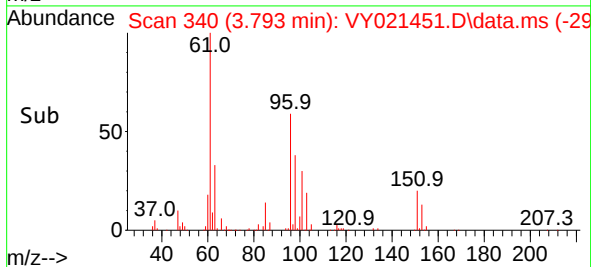
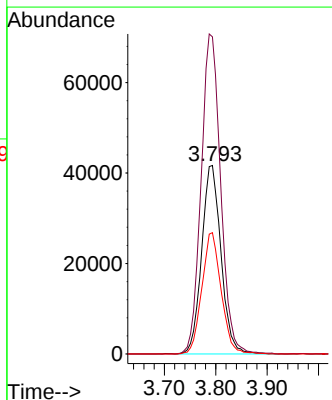
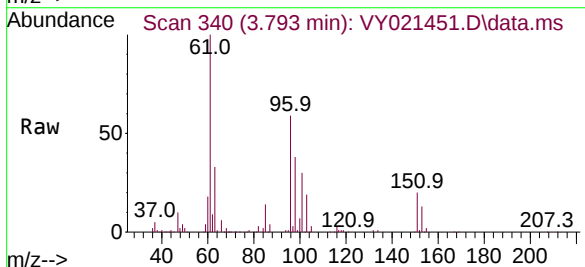
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

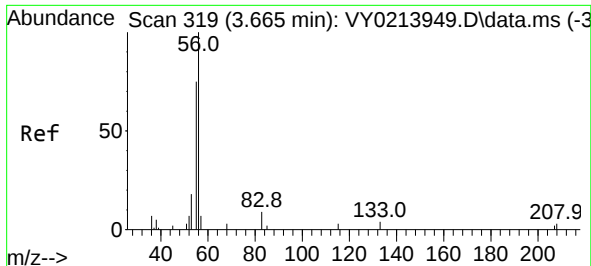
Tgt Ion: 59 Resp: 32170
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 49.960 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 96 Resp: 109132
Ion Ratio Lower Upper
96 100
61 168.2 135.2 202.8
98 64.3 51.4 77.2

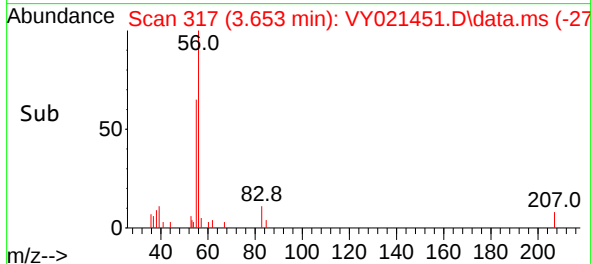
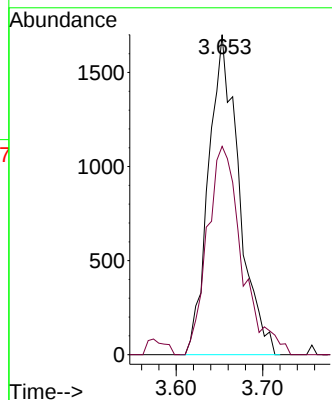
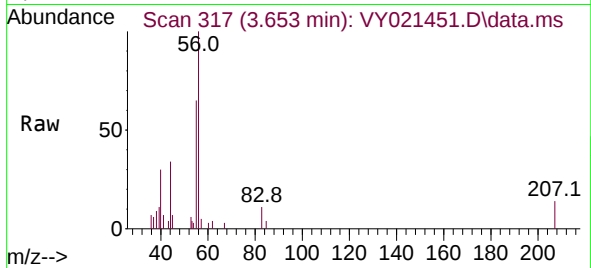




#13
Acrolein
Concen: 36.213 ug/l
RT: 3.653 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

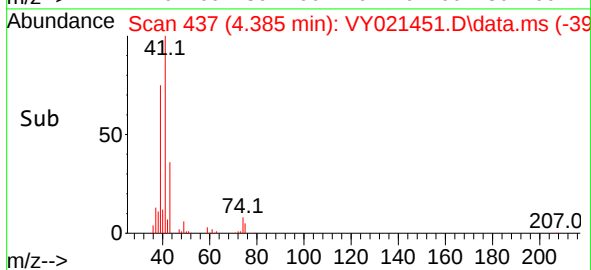
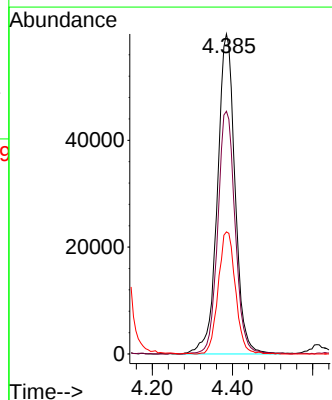
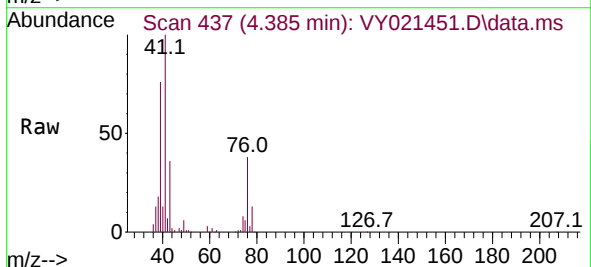
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

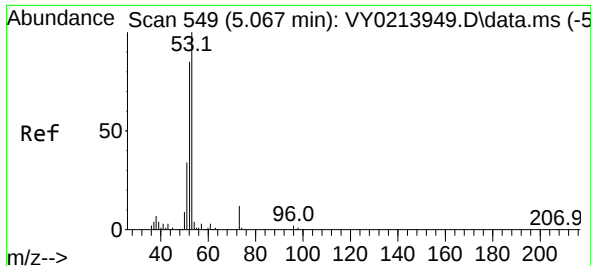
Tgt Ion: 56 Resp: 4140
Ion Ratio Lower Upper
56 100
55 74.0 63.4 95.2



#14
Allyl chloride
Concen: 51.698 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 41 Resp: 182499
Ion Ratio Lower Upper
41 100
39 74.8 59.3 88.9
76 37.2 29.8 44.8

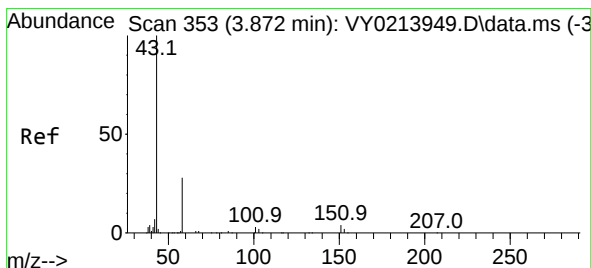
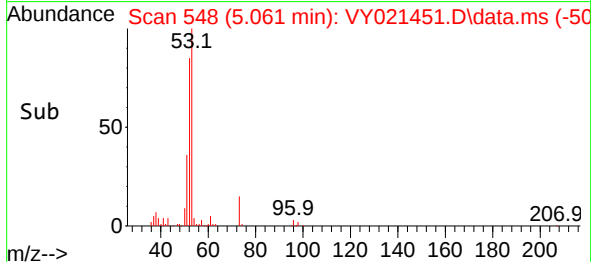
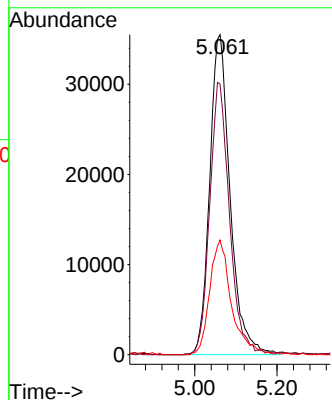
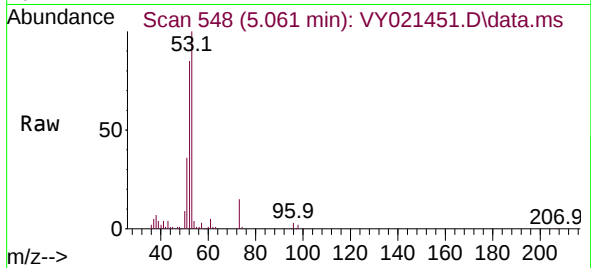




#15
Acrylonitrile
Concen: 247.916 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

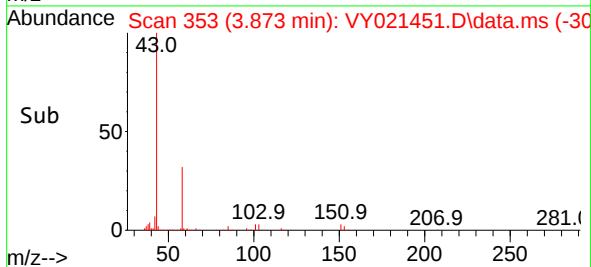
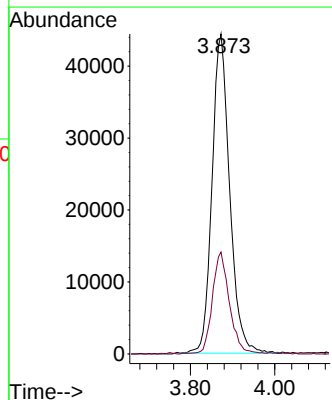
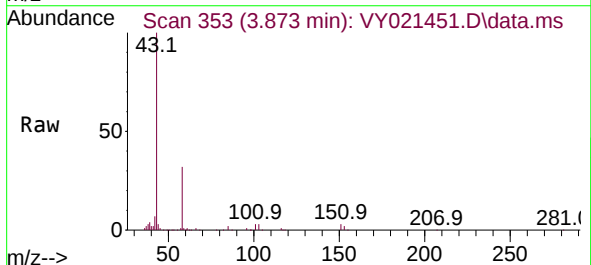
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

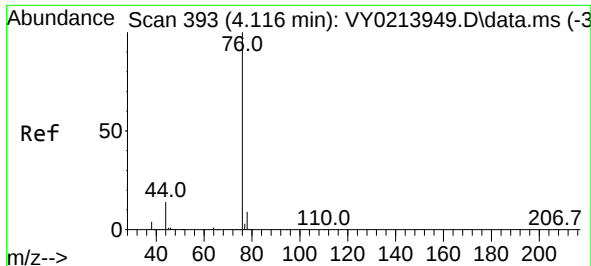
Tgt Ion: 53 Resp: 122735
Ion Ratio Lower Upper
53 100
52 82.5 66.3 99.5
51 37.9 30.3 45.5



#16
Acetone
Concen: 263.075 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 43 Resp: 128966
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1

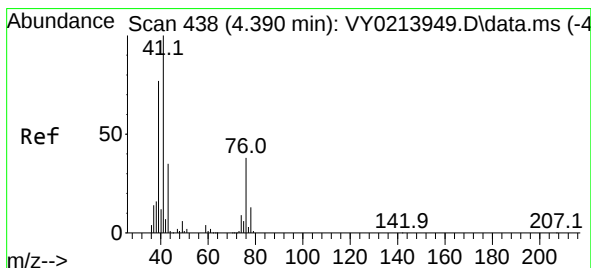
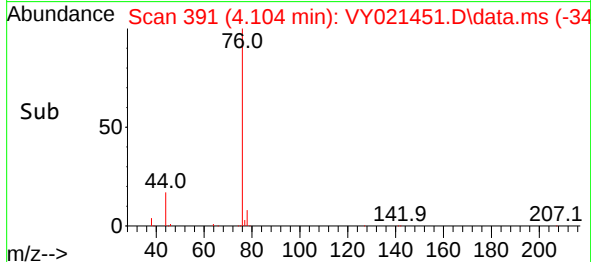
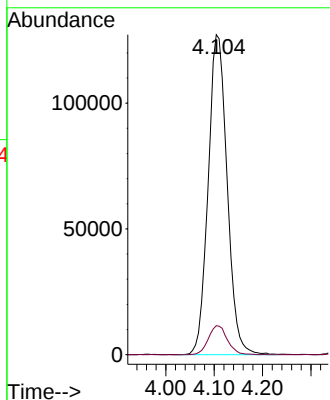
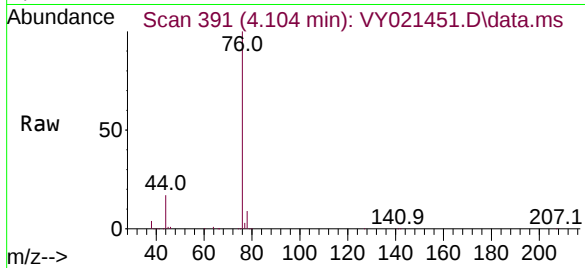




#17
Carbon Disulfide
Concen: 50.695 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

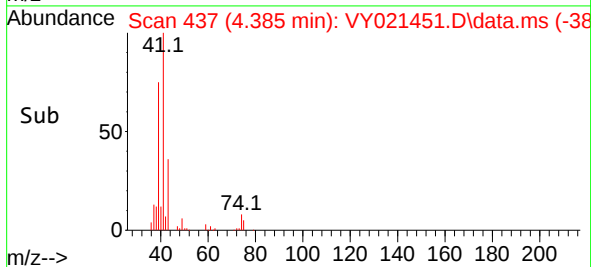
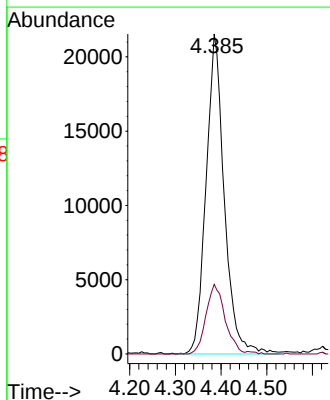
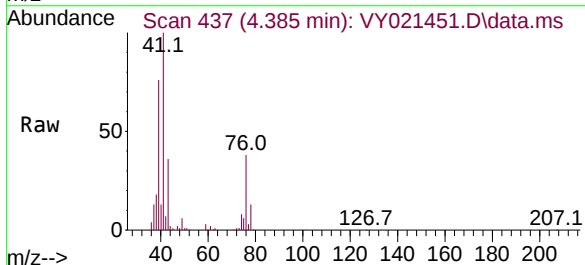
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

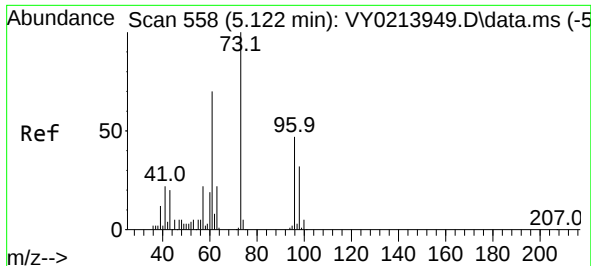
Tgt Ion: 76 Resp: 347050
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 54.782 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 43 Resp: 59587
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.0

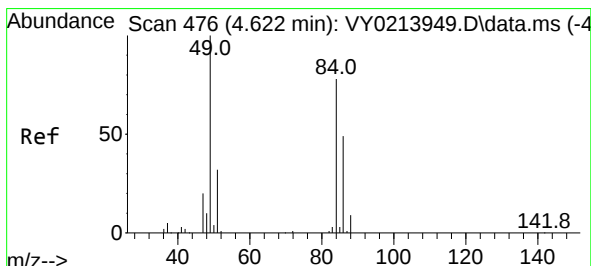
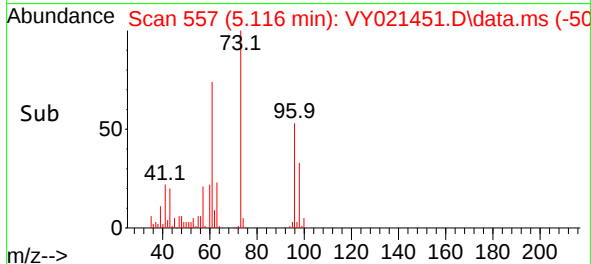
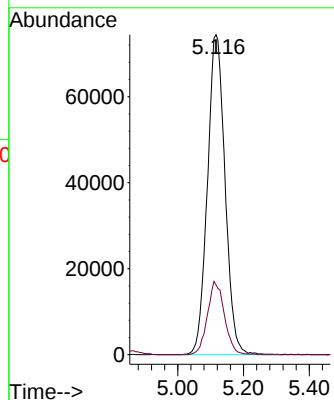
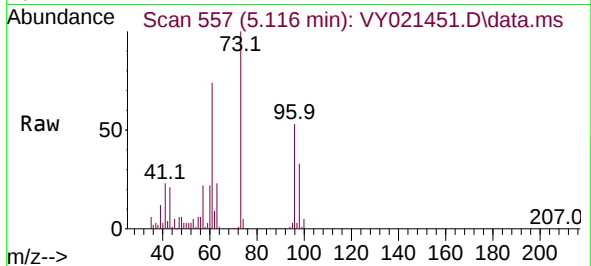




#19
Methyl tert-butyl Ether
Concen: 50.102 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

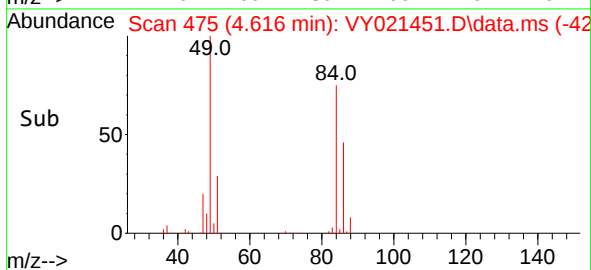
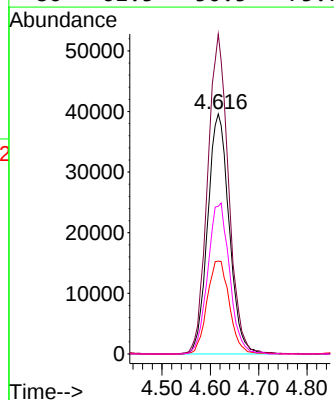
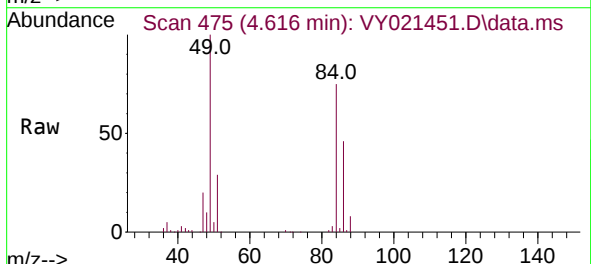
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

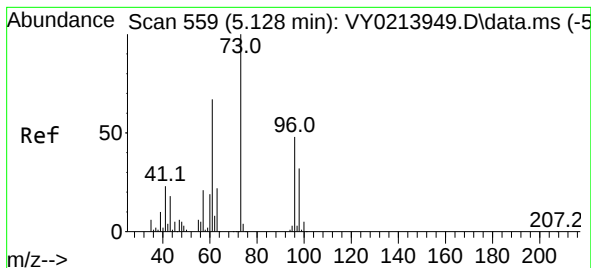
Tgt Ion: 73 Resp: 277390
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 47.532 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 84 Resp: 122314
Ion Ratio Lower Upper
84 100
49 133.1 102.0 153.0
51 38.7 33.0 49.6
86 61.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 50.991 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

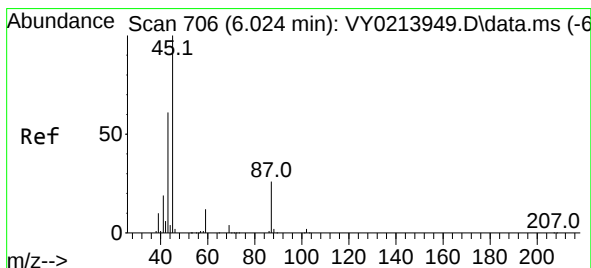
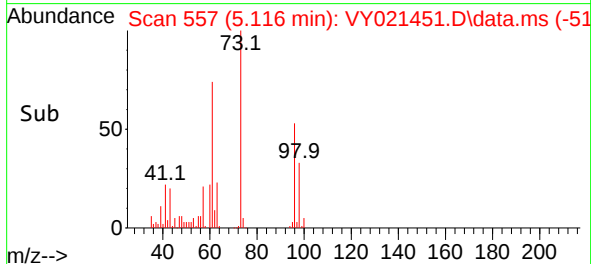
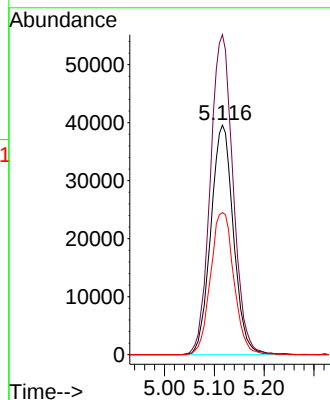
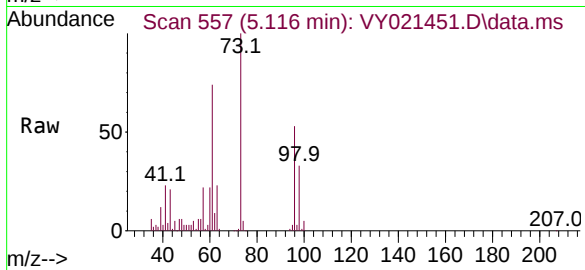
Tgt Ion: 96 Resp: 124741

Ion Ratio Lower Upper

96 100

61 139.4 111.5 167.3

98 61.9 53.8 80.8



#22

Diisopropyl ether

Concen: 53.324 ug/l

RT: 6.019 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Tgt Ion: 45 Resp: 405674

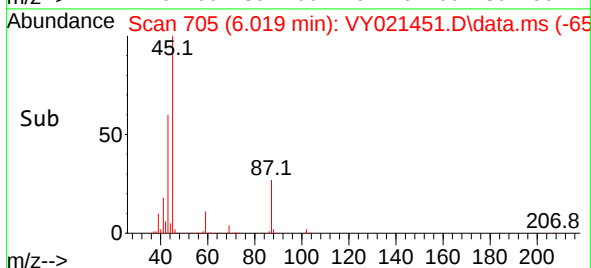
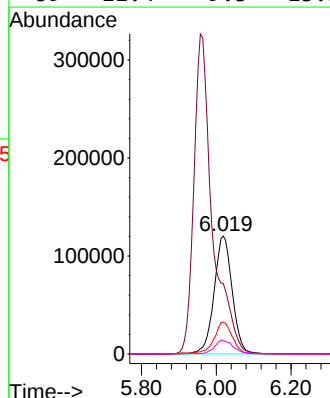
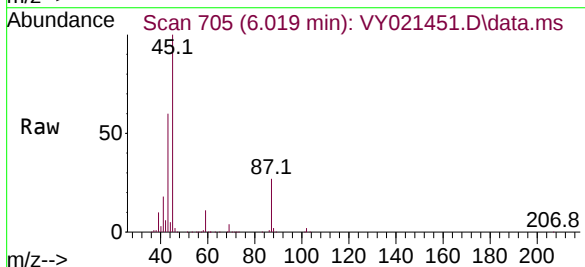
Ion Ratio Lower Upper

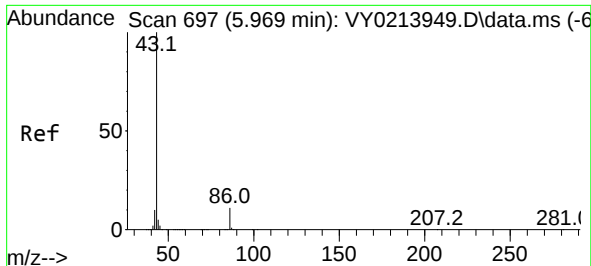
45 100

43 59.4 48.7 73.1

87 27.0 21.5 32.3

59 11.4 9.3 13.9

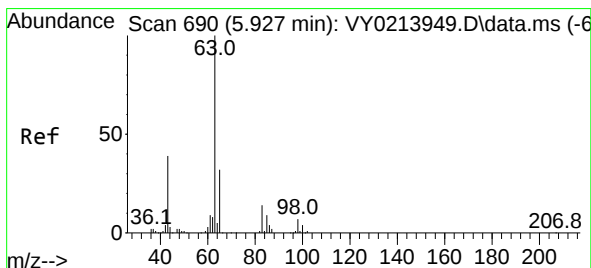
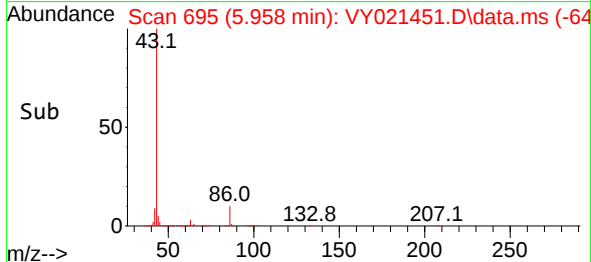
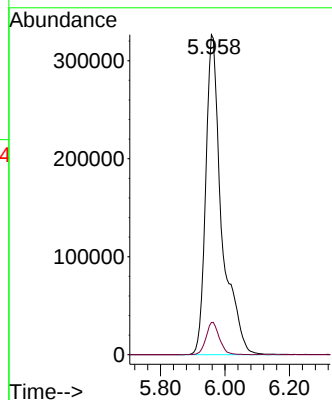
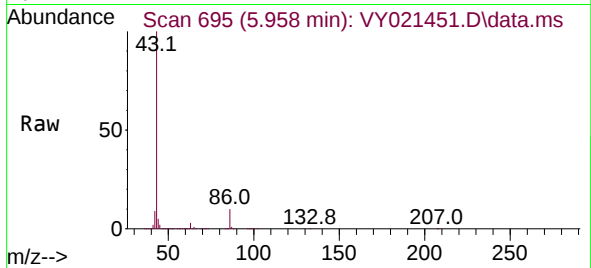




#23
 Vinyl Acetate
 Concen: 259.094 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

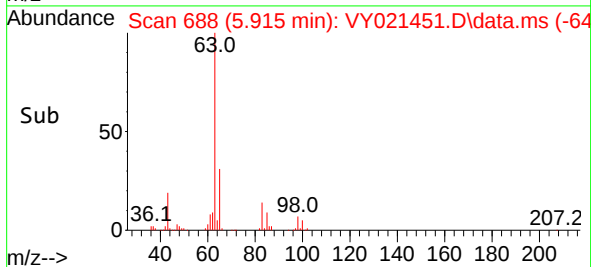
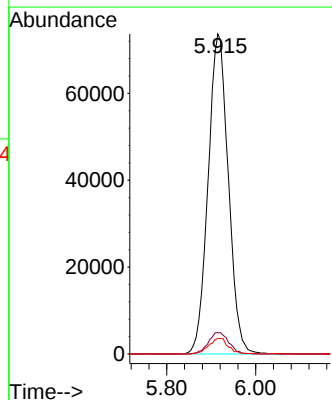
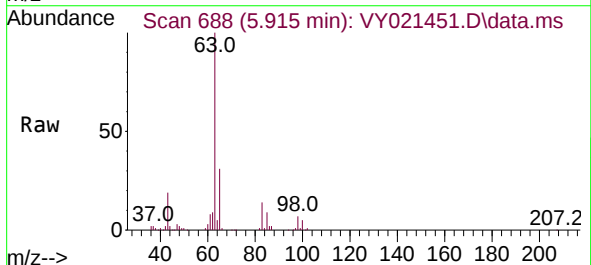
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

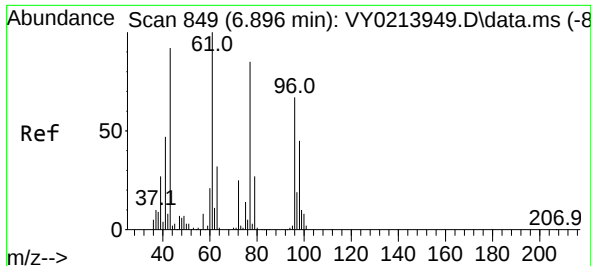
Tgt Ion: 43 Resp: 1124928
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.872 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

Tgt Ion: 63 Resp: 232909
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 255.158 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

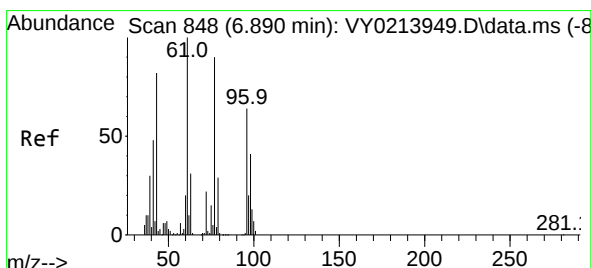
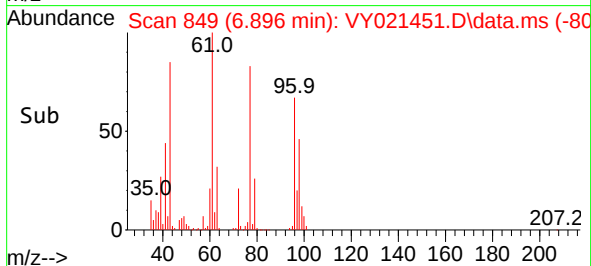
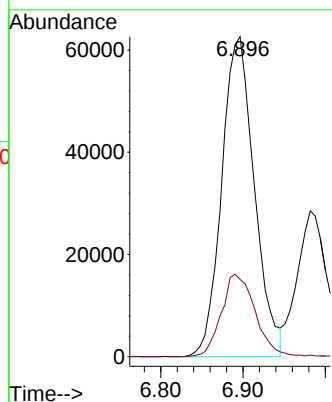
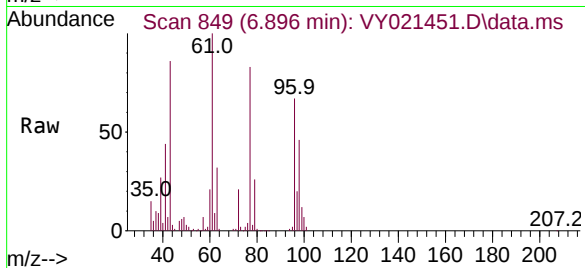
VSTDCCC050

Tgt Ion: 43 Resp: 173030

Ion Ratio Lower Upper

43 100

72 24.1 21.4 32.0



#26

2,2-Dichloropropane

Concen: 51.037 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021451.D

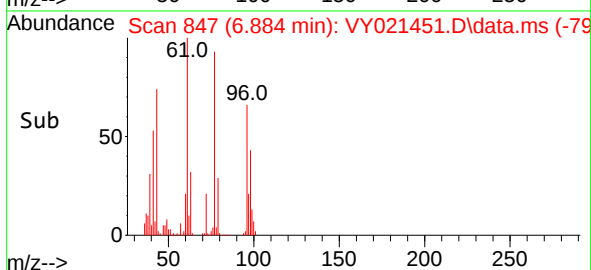
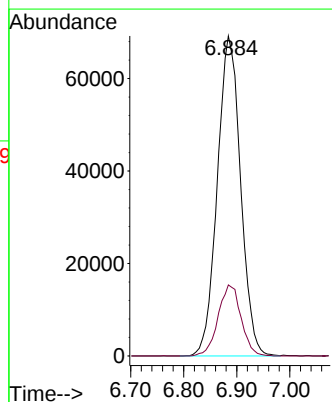
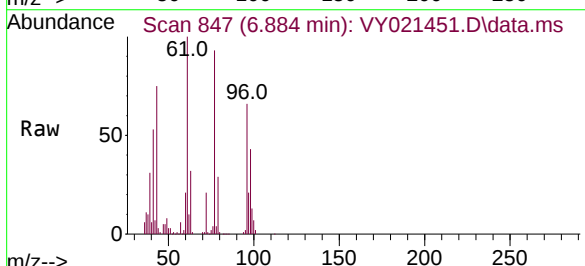
Acq: 07 Mar 2025 09:59

Tgt Ion: 77 Resp: 210852

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8

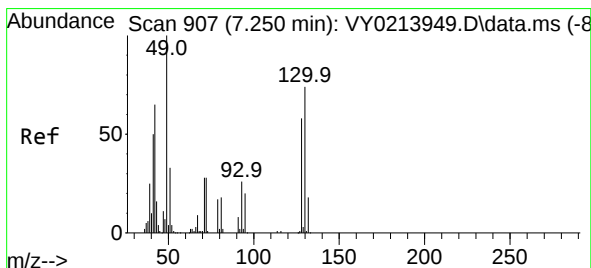
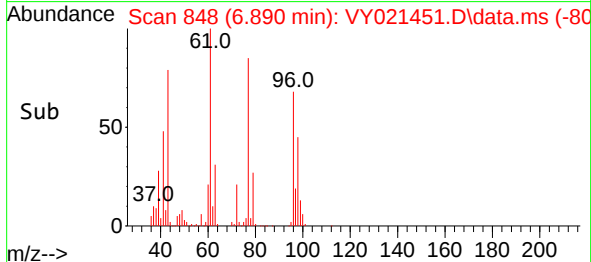
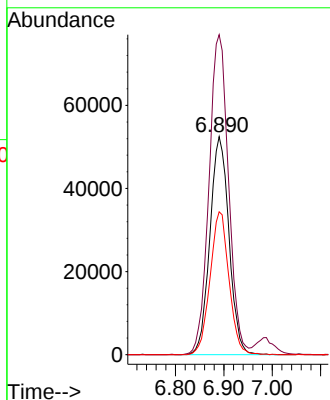
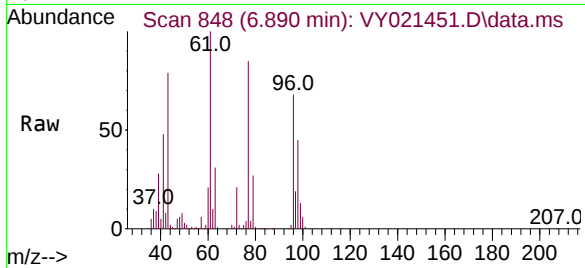




#27
cis-1,2-Dichloroethene
Concen: 51.675 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

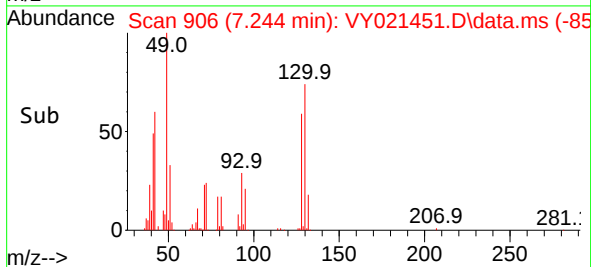
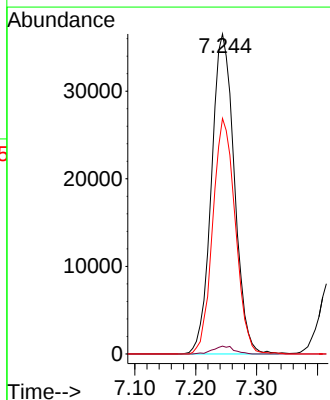
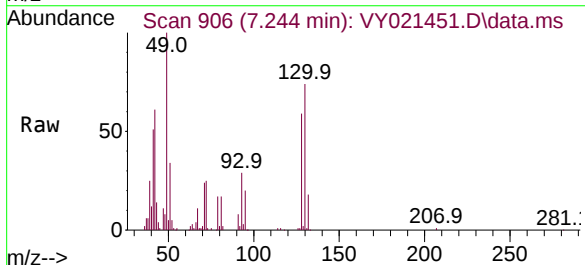
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

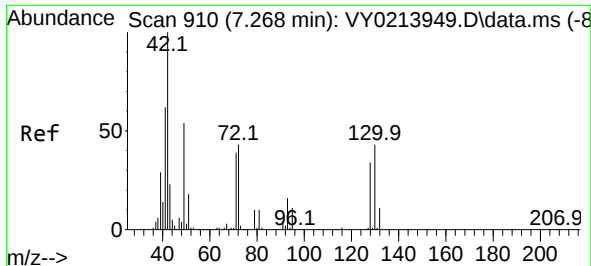
Tgt Ion: 96 Resp: 143612
Ion Ratio Lower Upper
96 100
61 150.3 0.0 300.8
98 65.1 0.0 130.0



#28
Bromochloromethane
Concen: 50.561 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 49 Resp: 95177
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 72.6 59.6 89.4





#29

Tetrahydrofuran

Concen: 249.797 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

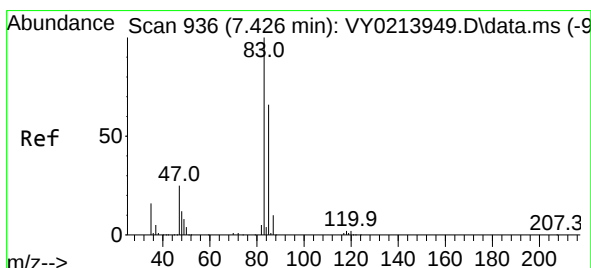
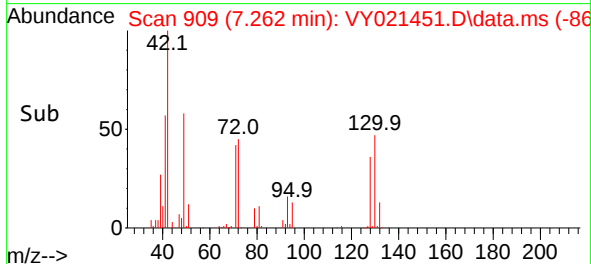
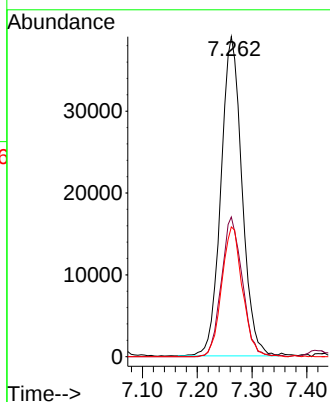
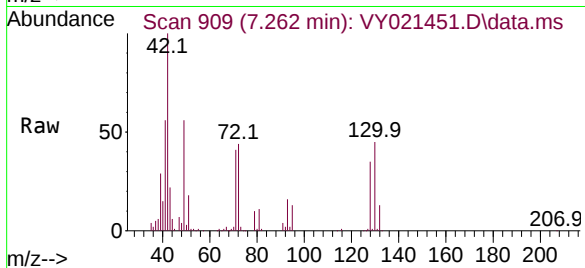
Tgt Ion: 42 Resp: 104576

Ion Ratio Lower Upper

42 100

72 43.3 34.8 52.2

71 40.0 32.6 48.8



#30

Chloroform

Concen: 52.525 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021451.D

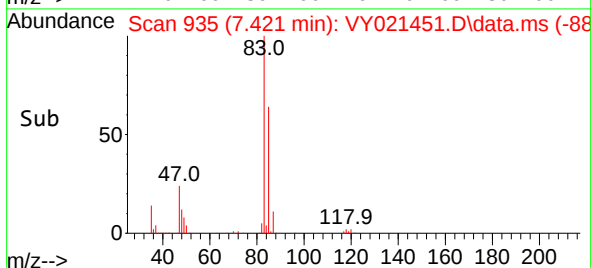
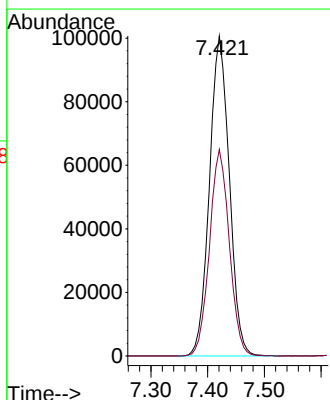
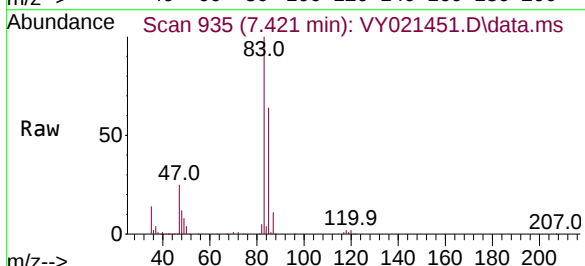
Acq: 07 Mar 2025 09:59

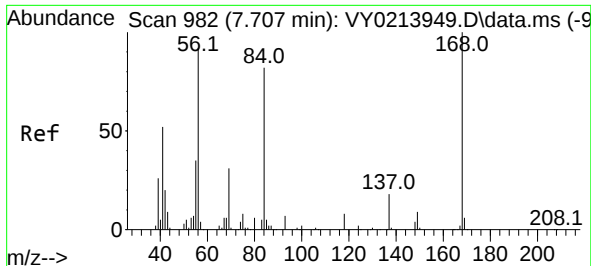
Tgt Ion: 83 Resp: 244896

Ion Ratio Lower Upper

83 100

85 64.5 53.1 79.7

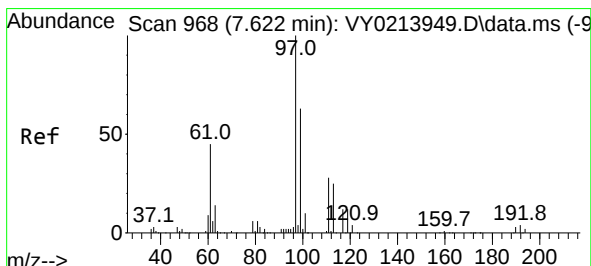
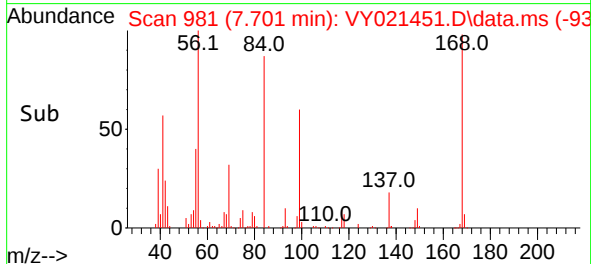
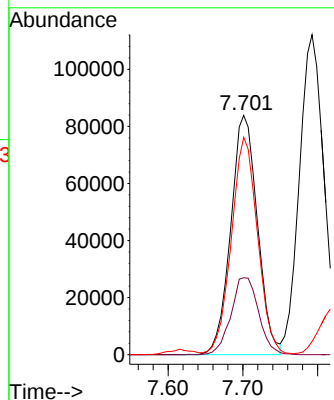
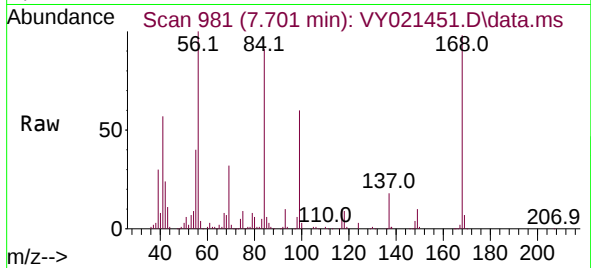




#31
Cyclohexane
Concen: 49.578 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

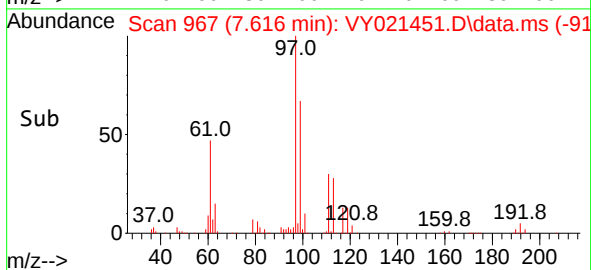
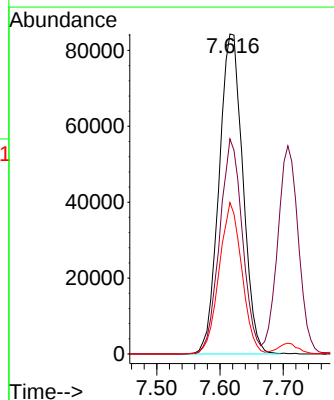
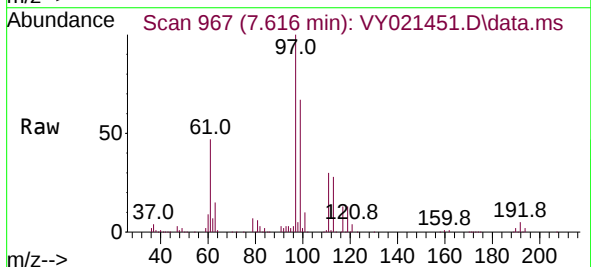
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

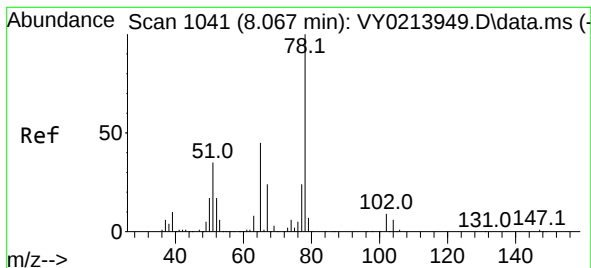
Tgt Ion: 56 Resp: 208697
Ion Ratio Lower Upper
56 100
69 32.1 27.0 40.4
84 88.8 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.456 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 97 Resp: 219670
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 45.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.673 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

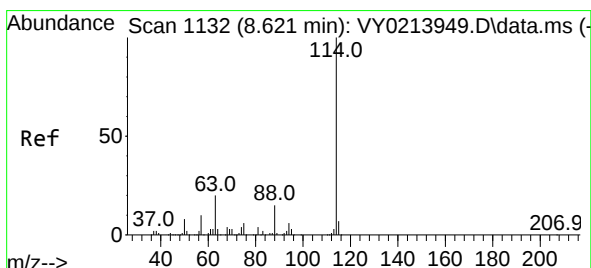
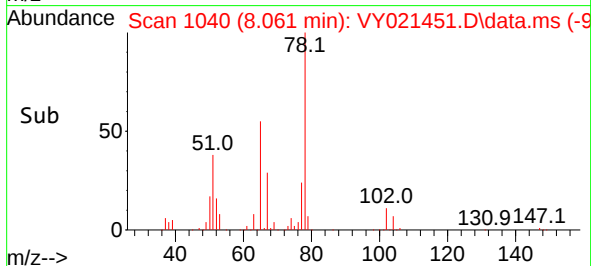
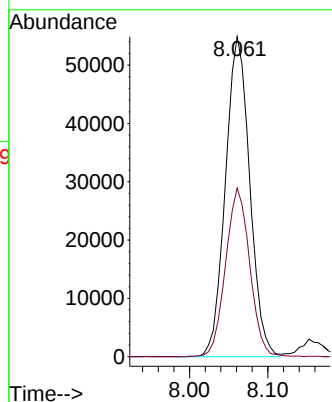
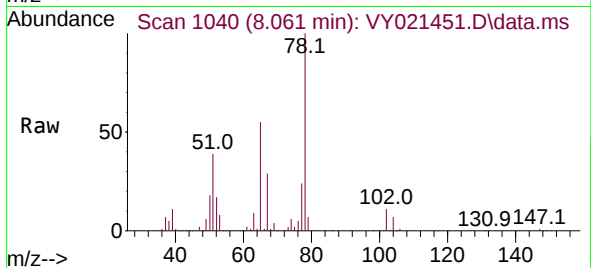
VSTDCCC050

Tgt Ion: 65 Resp: 118388

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

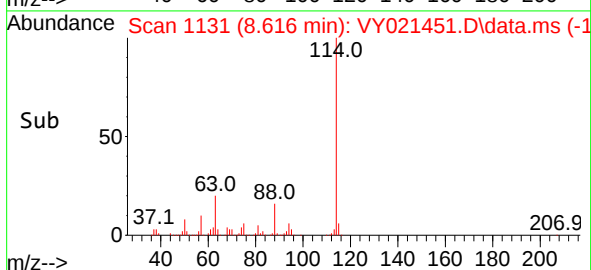
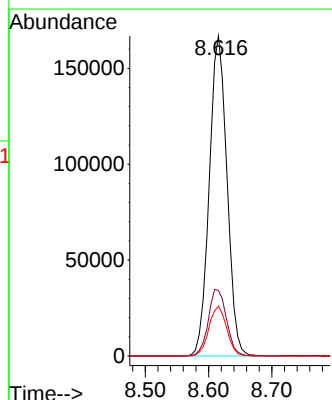
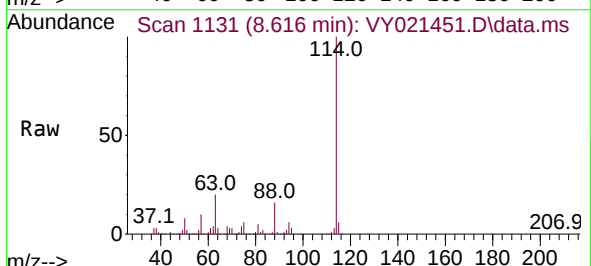
Tgt Ion: 114 Resp: 324643

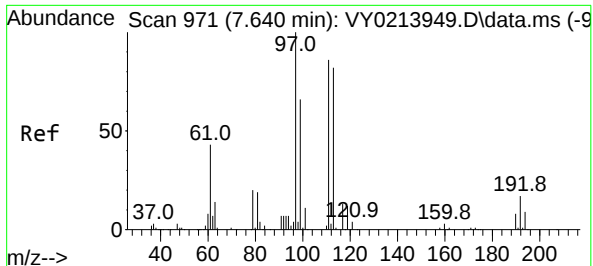
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.591 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

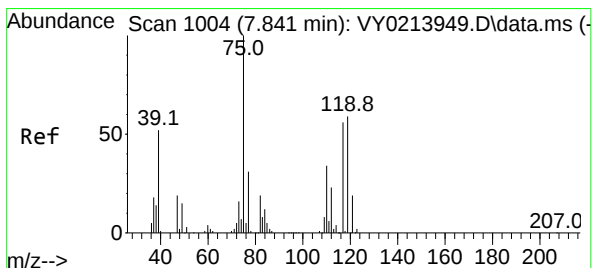
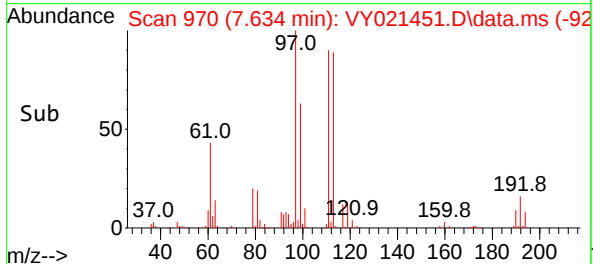
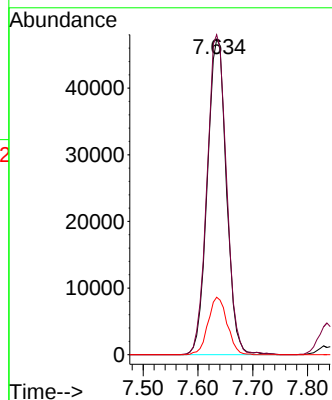
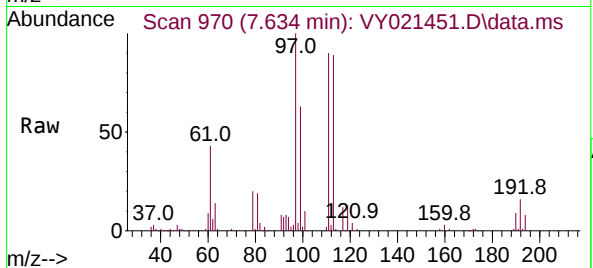
Tgt Ion:113 Resp: 114359

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 18.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 52.968 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

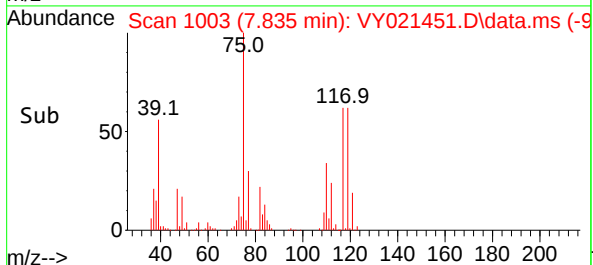
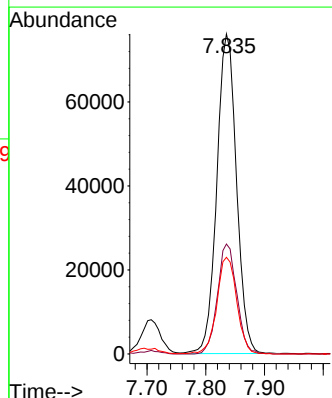
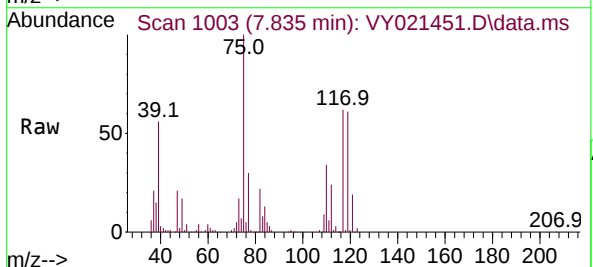
Tgt Ion: 75 Resp: 176927

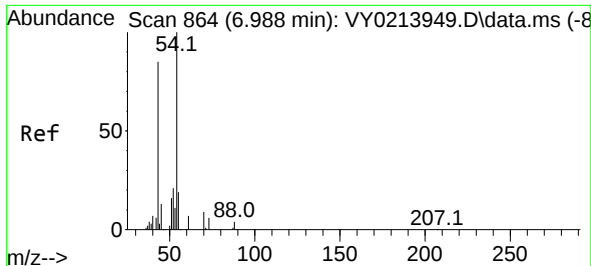
Ion Ratio Lower Upper

75 100

110 33.7 17.3 51.7

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 50.906 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

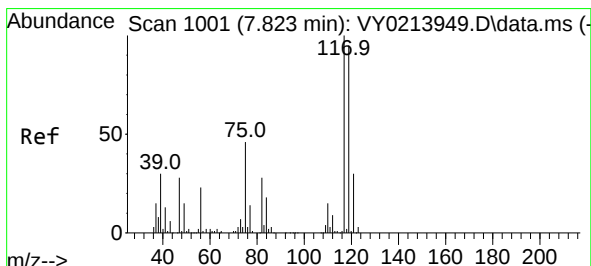
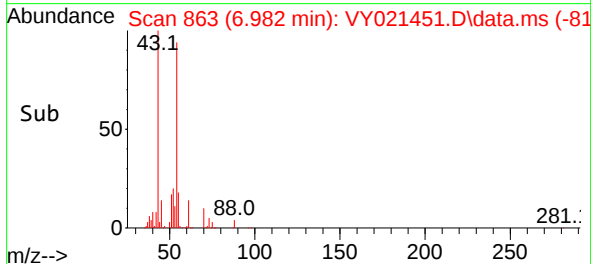
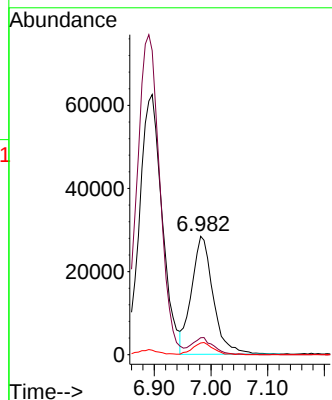
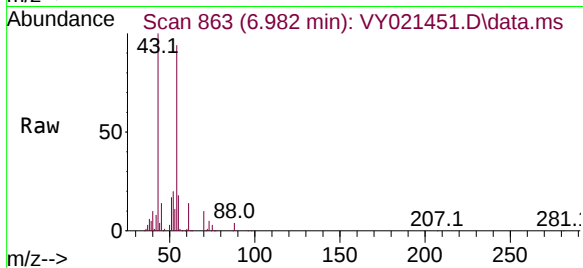
Tgt Ion: 43 Resp: 75156

Ion Ratio Lower Upper

43 100

61 14.6 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 52.161 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

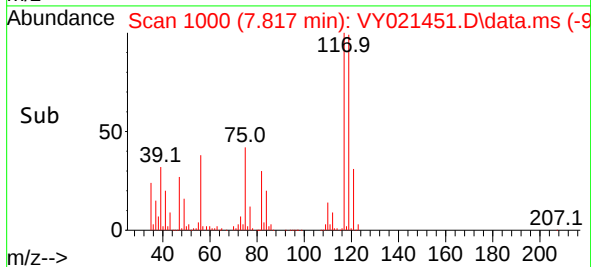
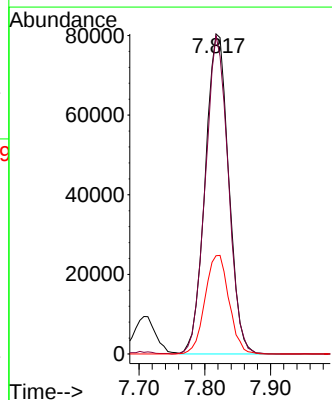
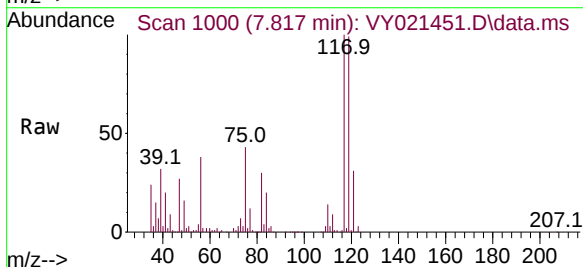
Tgt Ion: 117 Resp: 200378

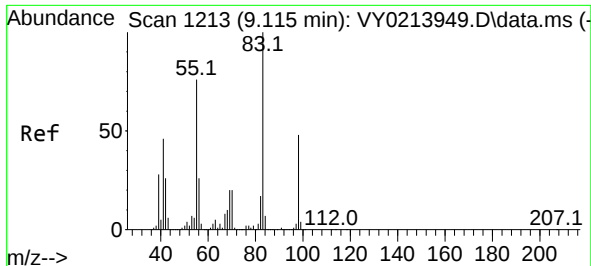
Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.8

121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 53.775 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

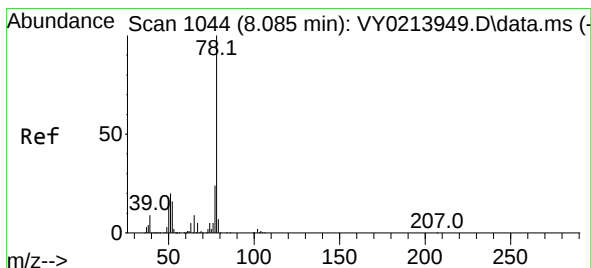
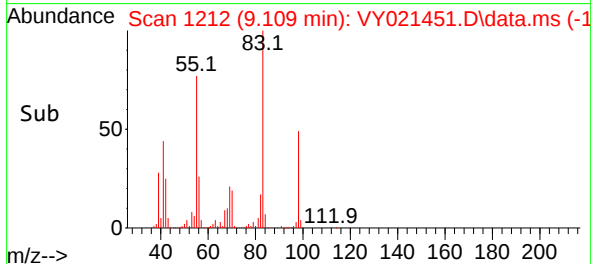
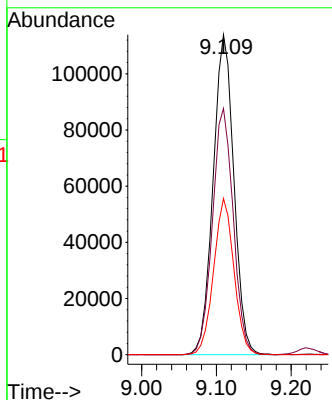
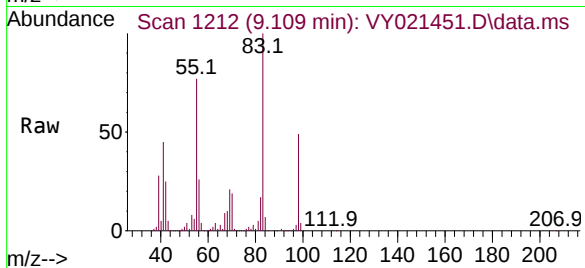
Tgt Ion: 83 Resp: 220328

Ion Ratio Lower Upper

83 100

55 77.0 60.7 91.1

98 48.8 38.6 57.8



#40

Benzene

Concen: 52.639 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021451.D

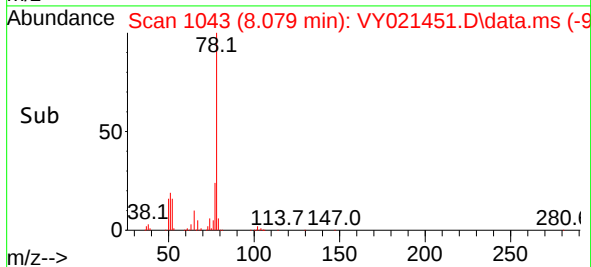
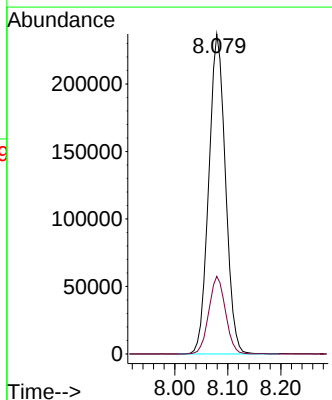
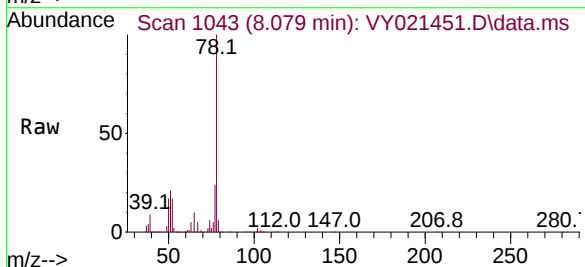
Acq: 07 Mar 2025 09:59

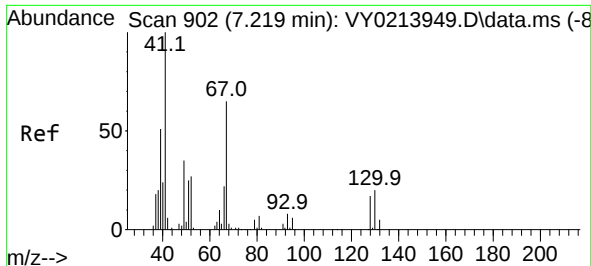
Tgt Ion: 78 Resp: 517955

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4

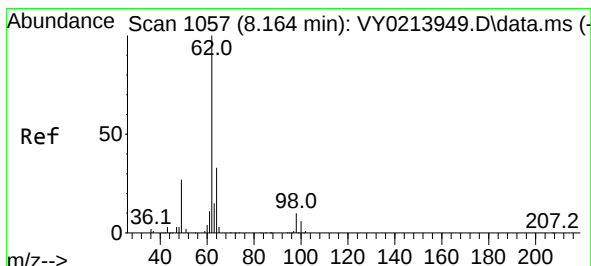
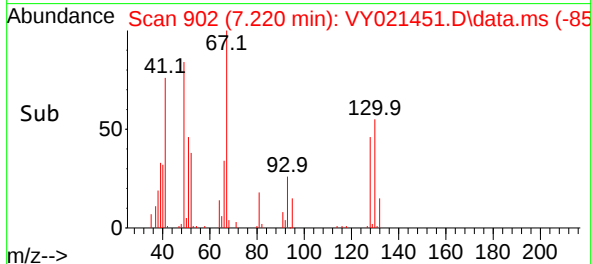
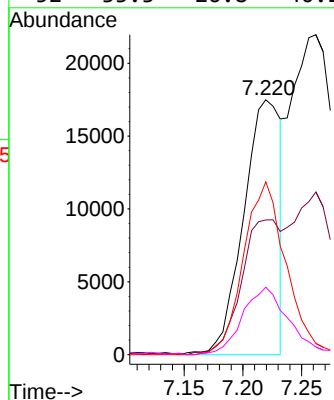
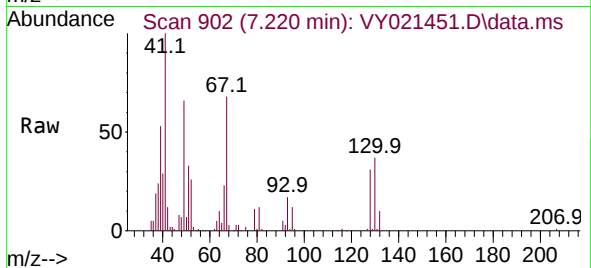




#41
Methacrylonitrile
Concen: 47.747 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

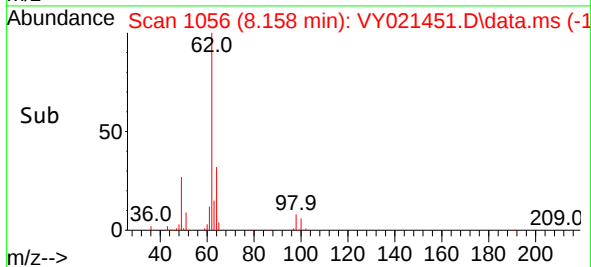
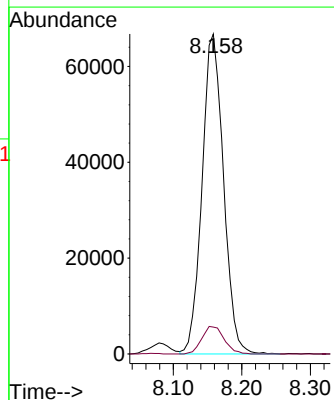
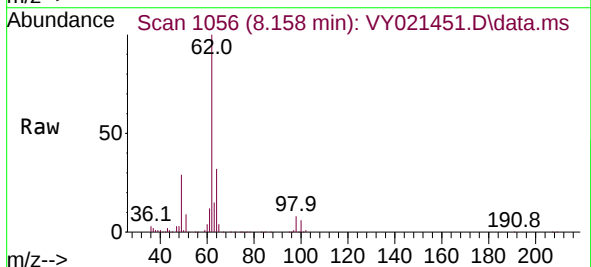
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

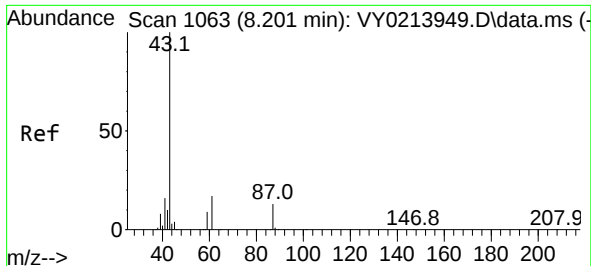
Tgt Ion:	41	Resp:	38383
Ion	Ratio	Lower	Upper
41	100		
39	55.8	35.0	52.6#
67	78.6	61.2	91.8
52	33.3	26.8	40.2



#42
1,2-Dichloroethane
Concen: 52.784 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:	62	Resp:	145297
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

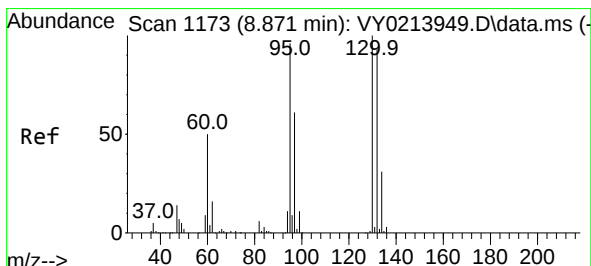
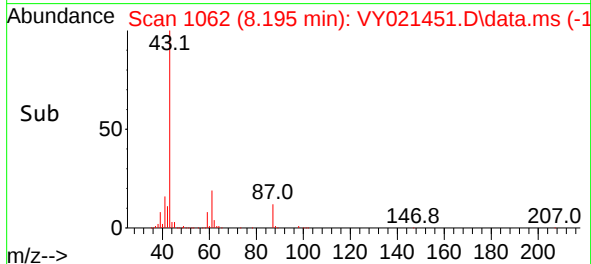
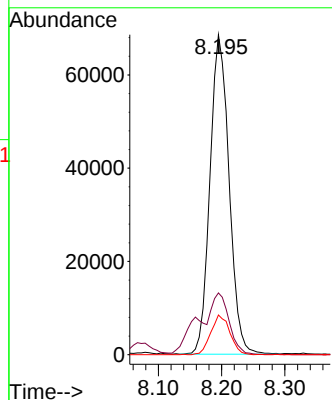
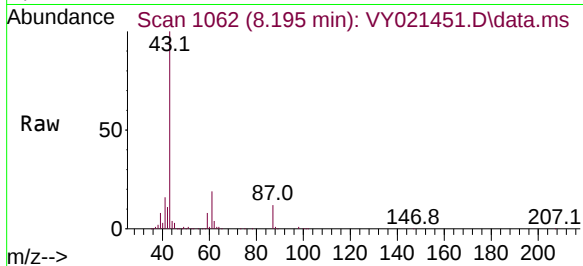




#43
Isopropyl Acetate
Concen: 50.147 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

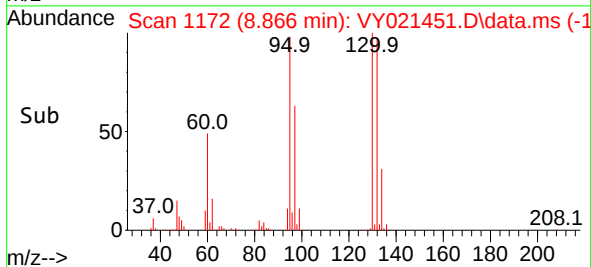
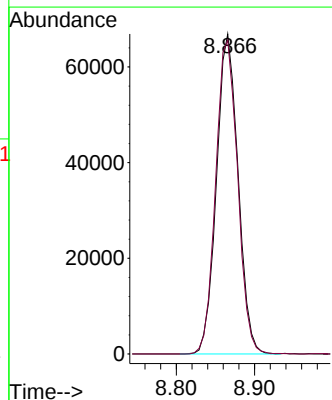
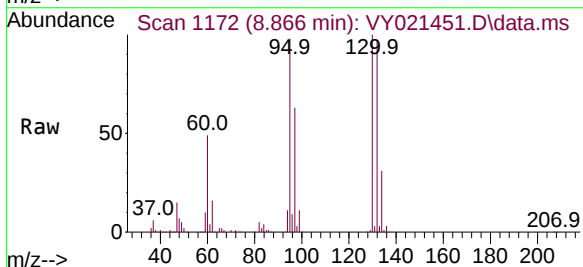
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 143719
Ion Ratio Lower Upper
43 100
61 17.9 23.4 35.0#
87 12.4 10.5 15.7



#44
Trichloroethene
Concen: 51.581 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:130 Resp: 128256
Ion Ratio Lower Upper
130 100
95 98.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 53.180 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

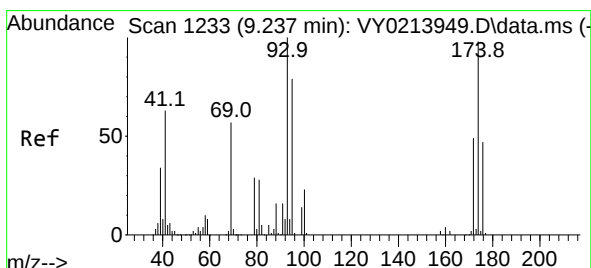
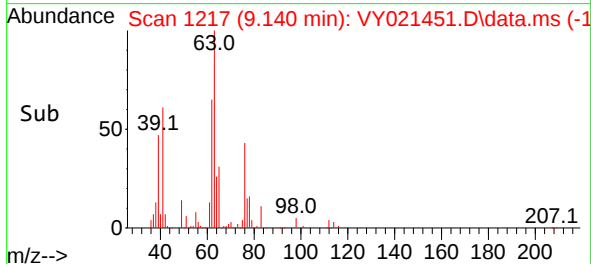
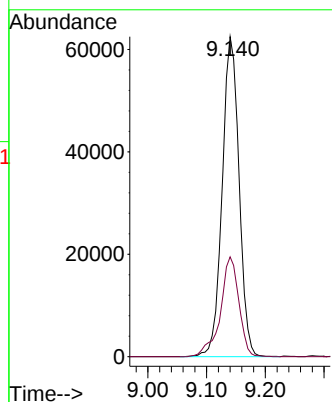
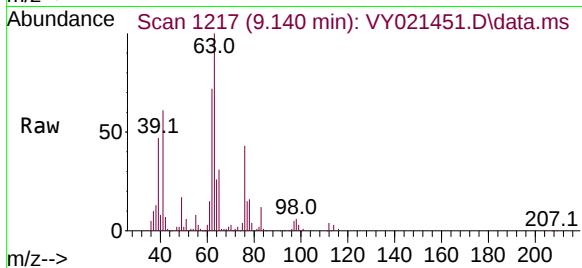
VSTDCCC050

Tgt Ion: 63 Resp: 124539

Ion Ratio Lower Upper

63 100

65 31.2 26.0 39.0



#46

Dibromomethane

Concen: 52.704 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

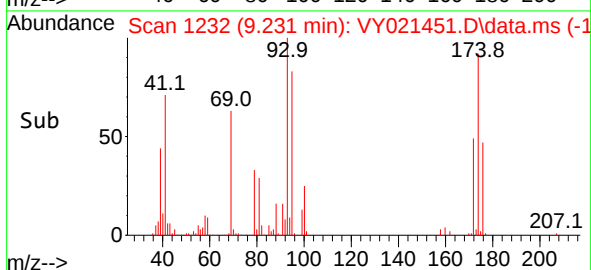
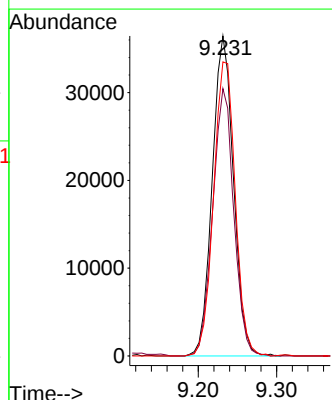
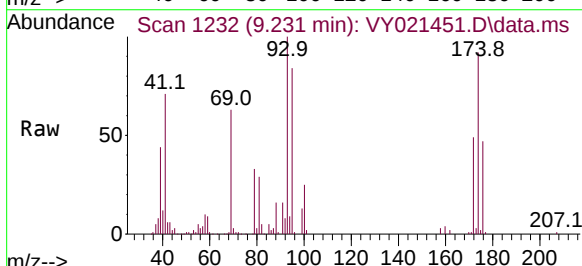
Tgt Ion: 93 Resp: 68675

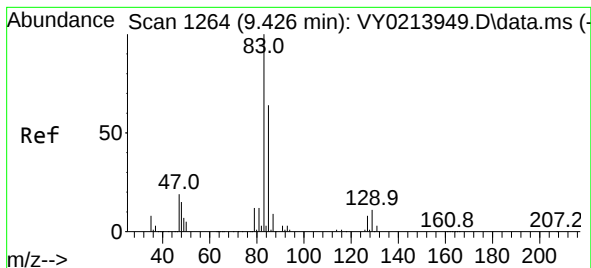
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 93.9 77.9 116.9





#47

Bromodichloromethane

Concen: 53.225 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

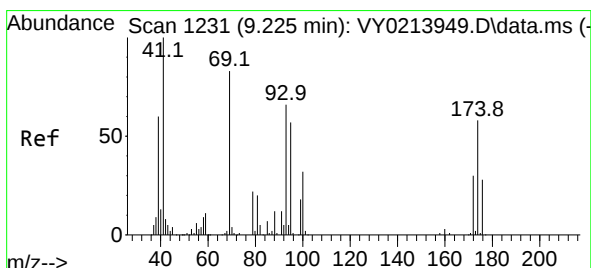
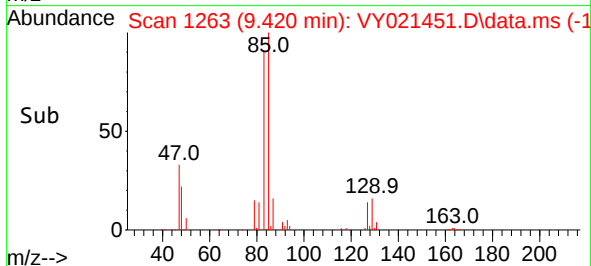
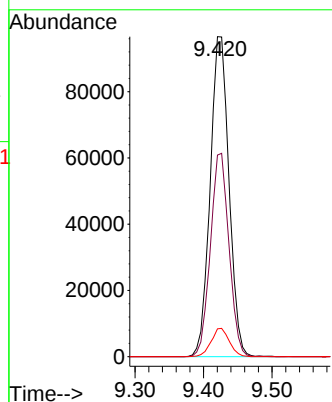
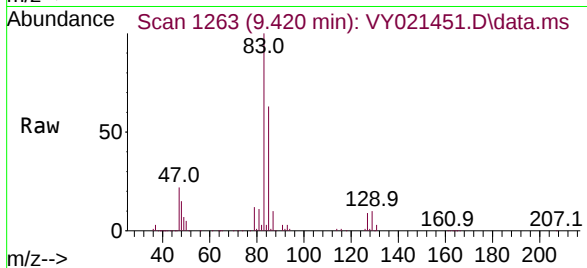
Tgt Ion: 83 Resp: 184182

Ion Ratio Lower Upper

83 100

85 63.0 51.1 76.7

127 8.7 6.7 10.1



#48

Methyl methacrylate

Concen: 52.875 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

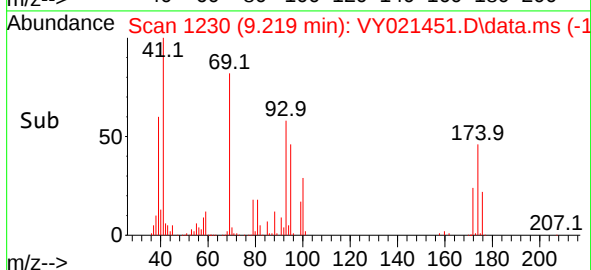
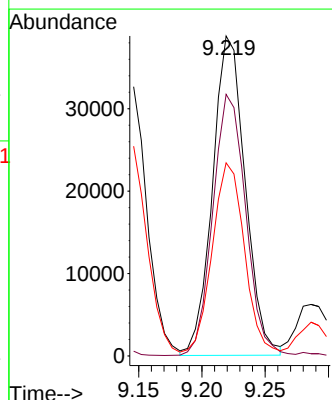
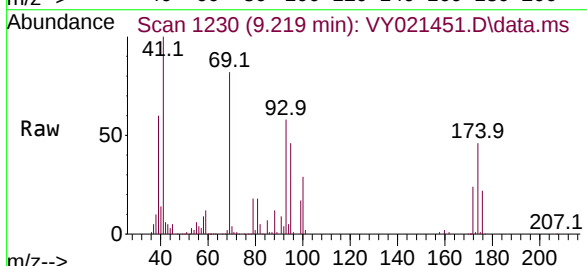
Tgt Ion: 41 Resp: 69586

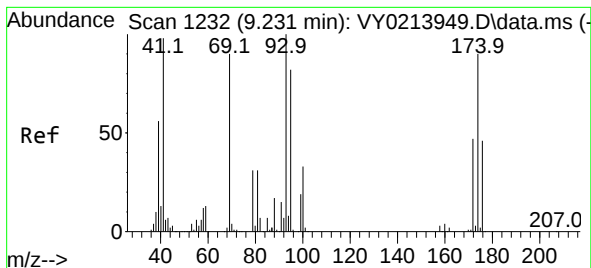
Ion Ratio Lower Upper

41 100

69 82.3 67.8 101.8

39 57.9 46.4 69.6





#49

1,4-Dioxane

Concen: 1043.032 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

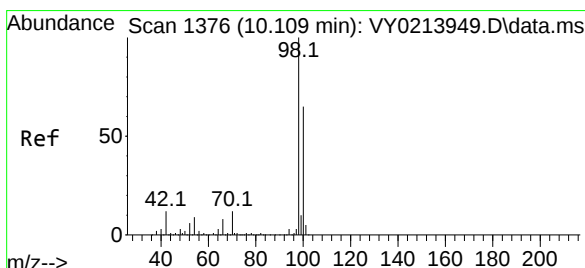
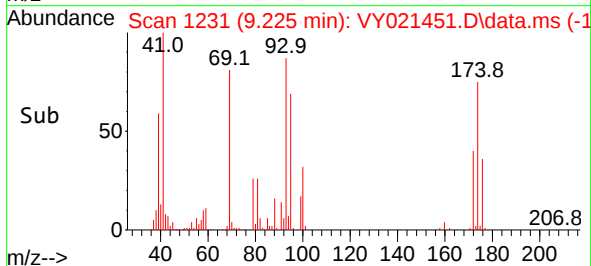
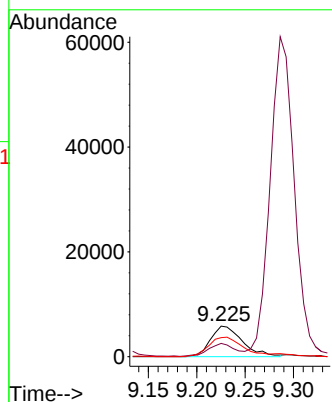
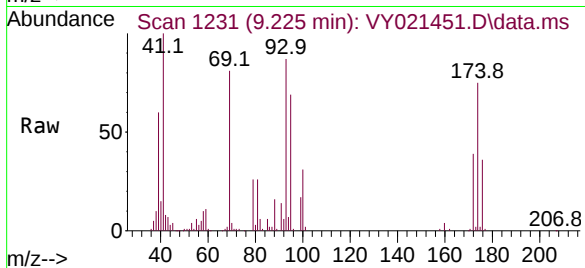
Tgt Ion: 88 Resp: 13340

Ion Ratio Lower Upper

88 100

43 35.9 25.0 37.4

58 76.2 58.4 87.6



#50

Toluene-d8

Concen: 54.278 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021451.D

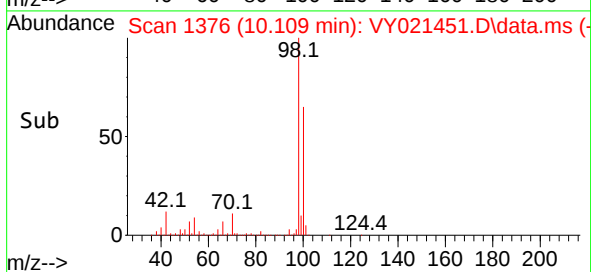
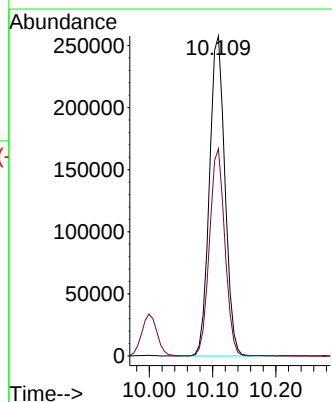
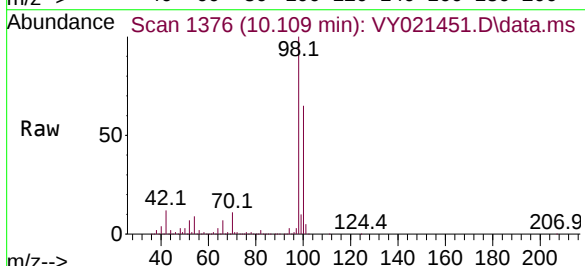
Acq: 07 Mar 2025 09:59

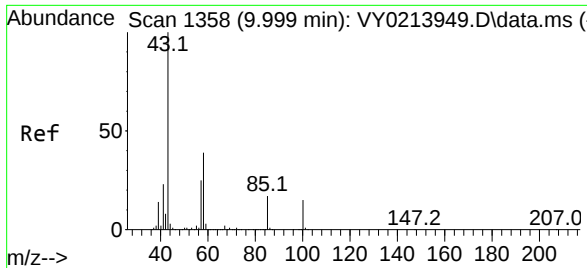
Tgt Ion: 98 Resp: 438551

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

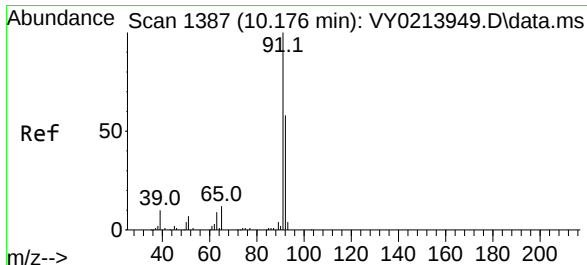
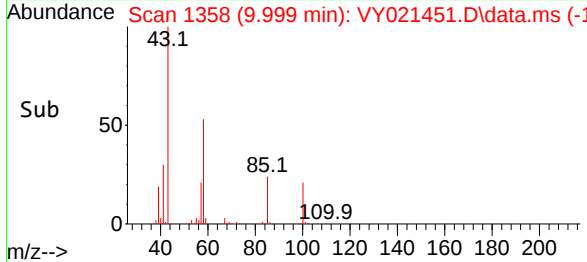
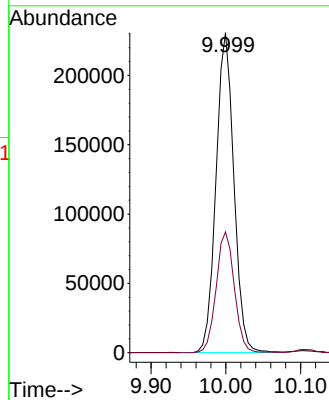
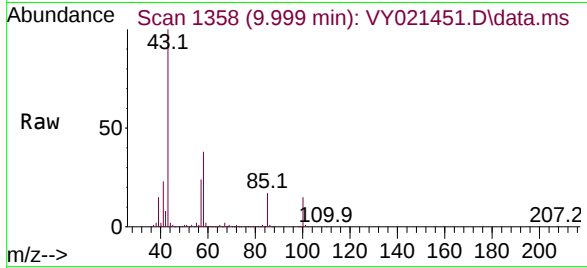




#51
4-Methyl-2-Pentanone
Concen: 259.306 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

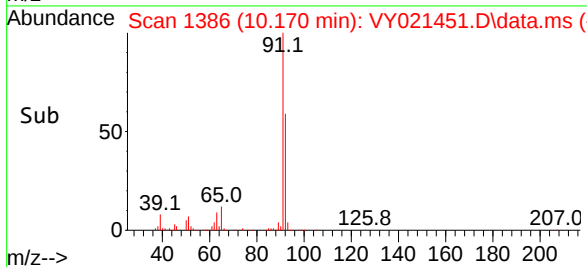
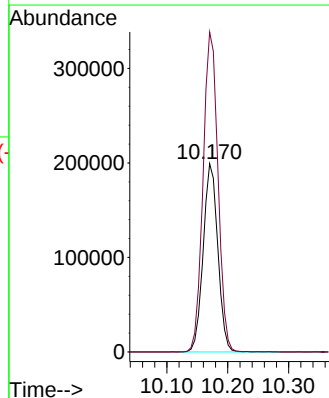
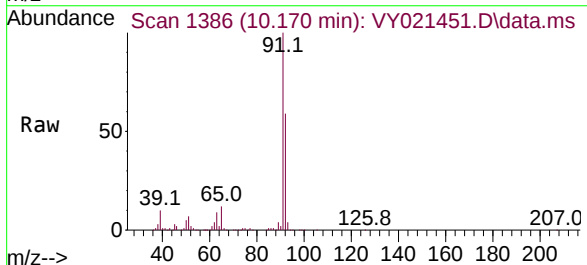
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

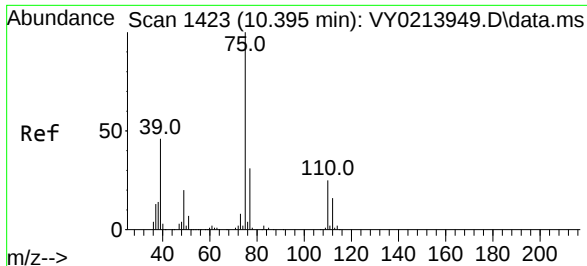
Tgt Ion: 43 Resp: 383449
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 53.643 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 92 Resp: 332775
Ion Ratio Lower Upper
92 100
91 173.1 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 53.613 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

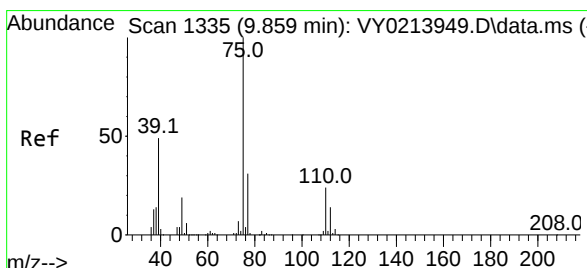
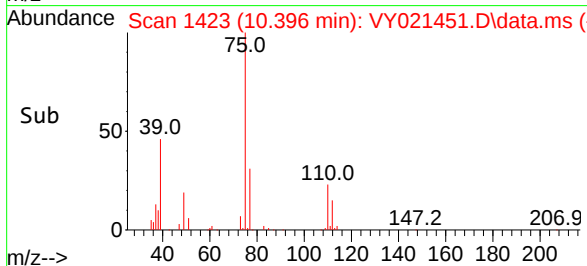
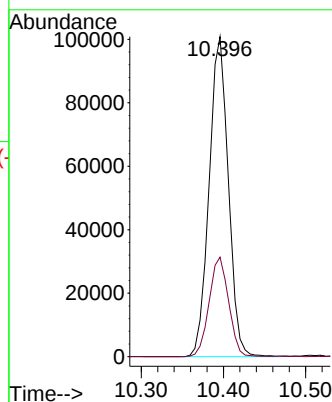
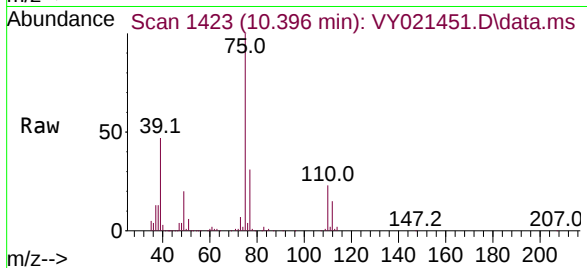
VSTDCCC050

Tgt Ion: 75 Resp: 163450

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.116 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

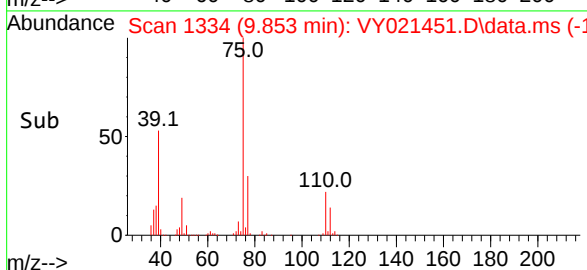
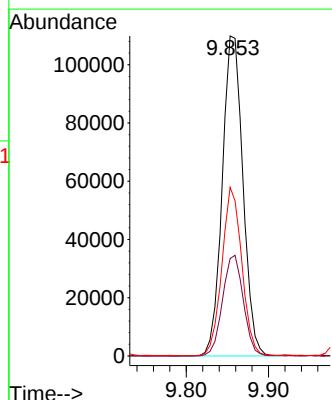
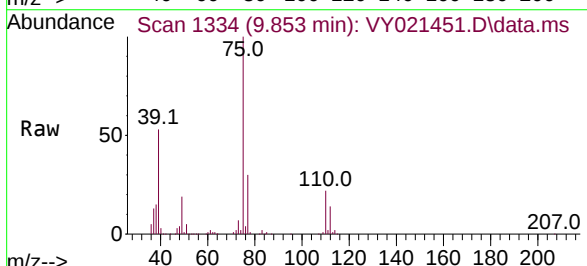
Tgt Ion: 75 Resp: 192260

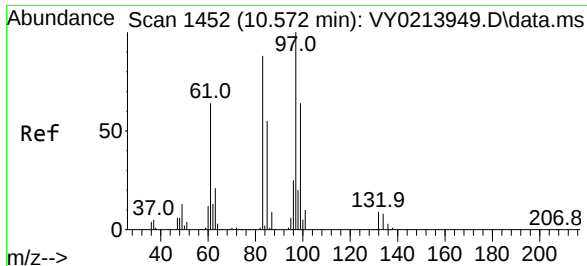
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 52.6 39.4 59.2

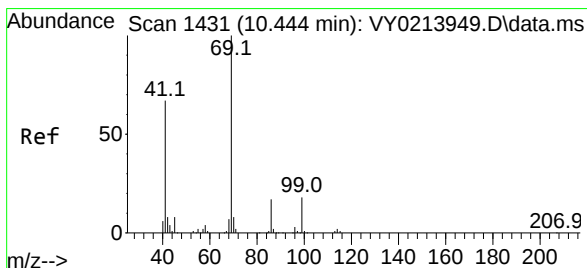
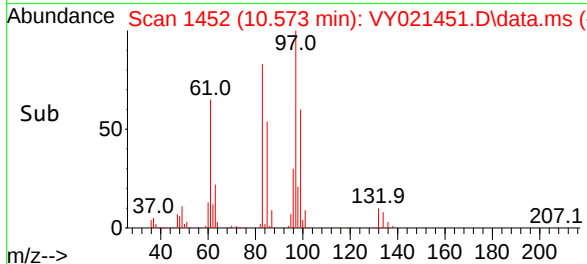
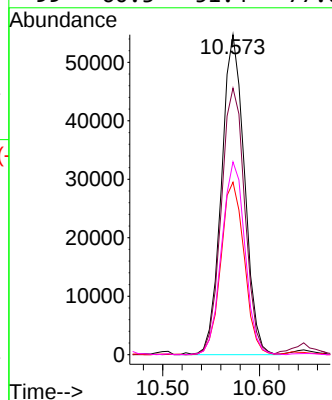
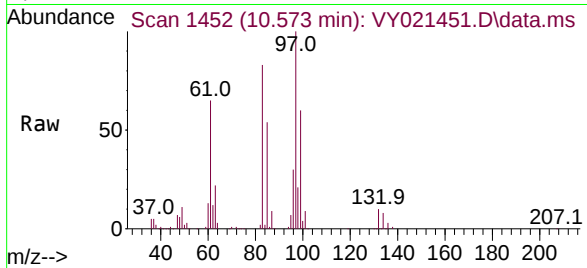




#55
 1,1,2-Trichloroethane
 Concen: 52.982 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

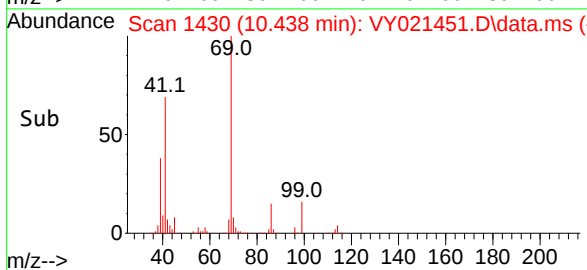
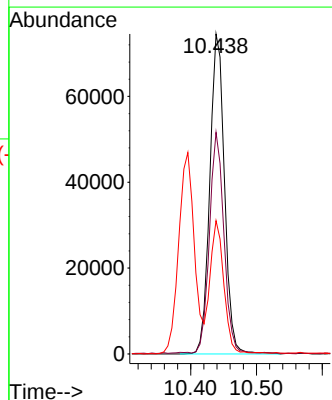
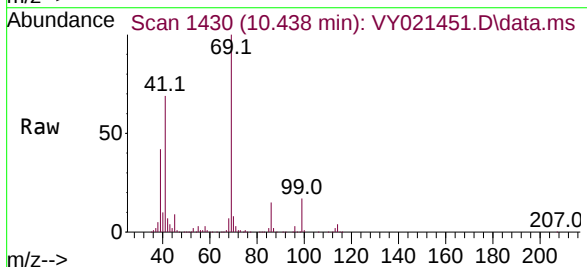
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

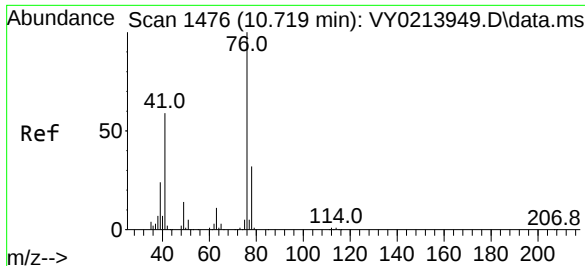
Tgt Ion:	97	Resp:	90308
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.0	105.0
85	53.8	44.3	66.5
99	60.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 53.277 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

Tgt Ion:	69	Resp:	115815
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.3	79.9
39	37.8	31.0	46.6





#57

1,3-Dichloropropane

Concen: 52.334 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

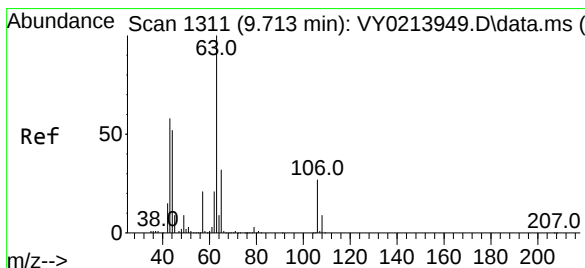
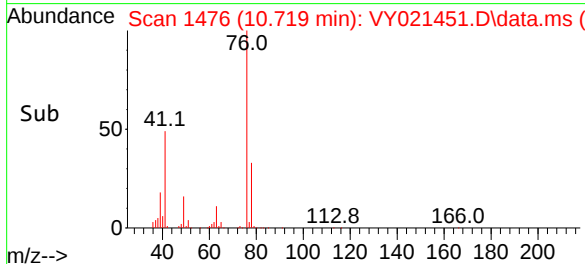
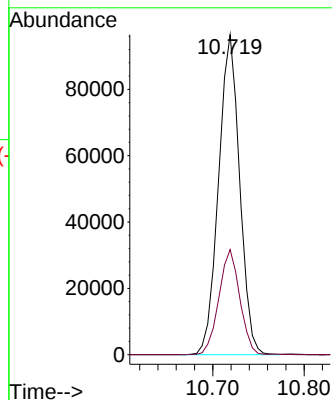
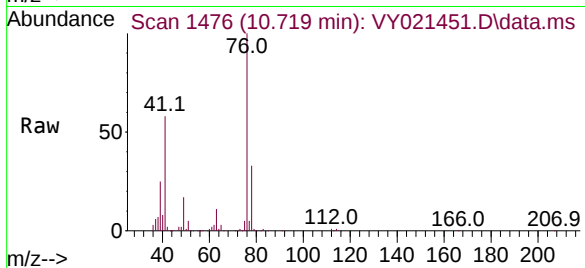
VSTDCCC050

Tgt Ion: 76 Resp: 154604

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 272.111 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021451.D

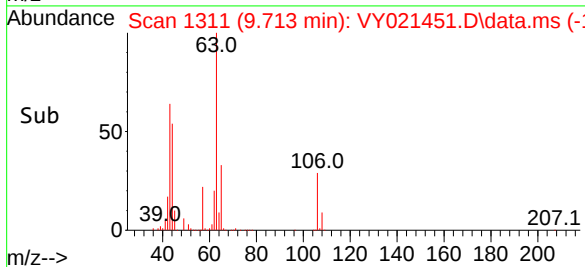
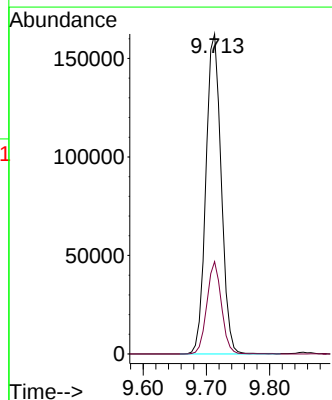
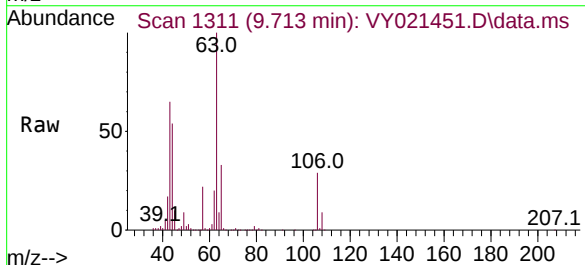
Acq: 07 Mar 2025 09:59

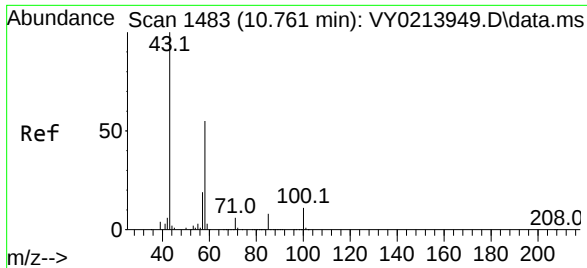
Tgt Ion: 63 Resp: 273061

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

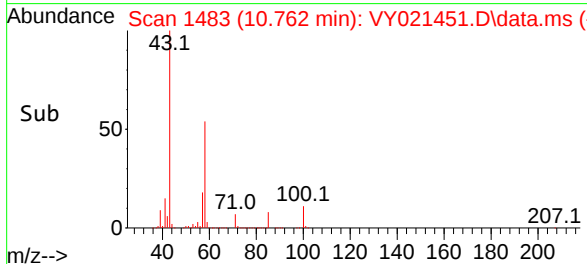
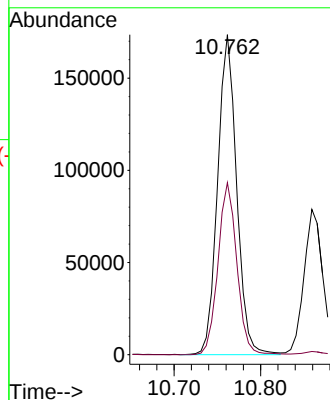
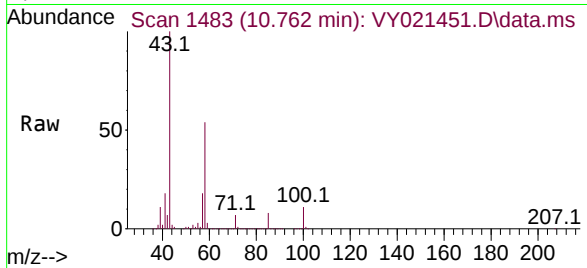




#59
2-Hexanone
Concen: 270.623 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

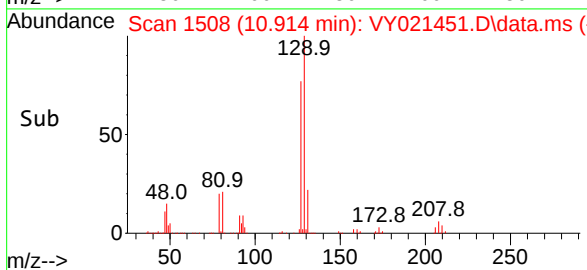
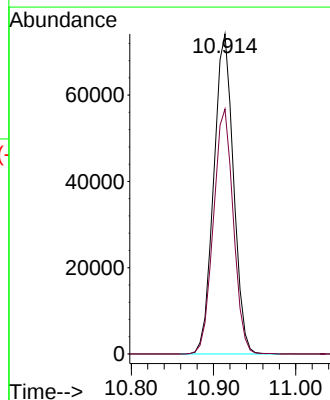
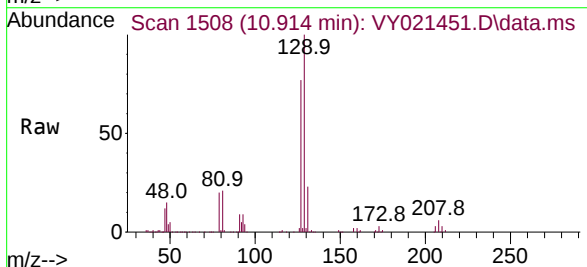
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

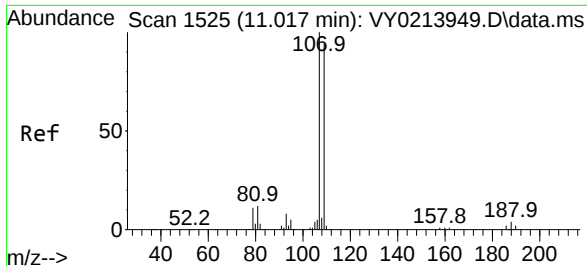
Tgt Ion: 43 Resp: 264611
Ion Ratio Lower Upper
43 100
58 53.3 27.3 81.8



#60
Dibromochloromethane
Concen: 53.002 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 129 Resp: 123851
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3

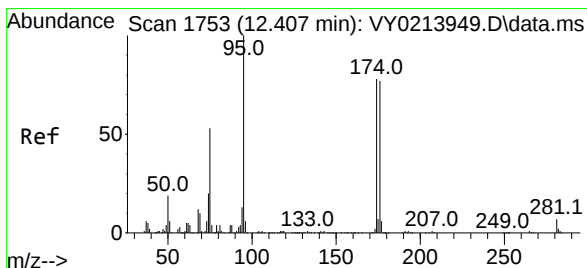
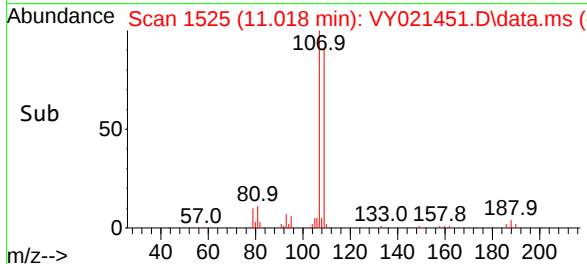
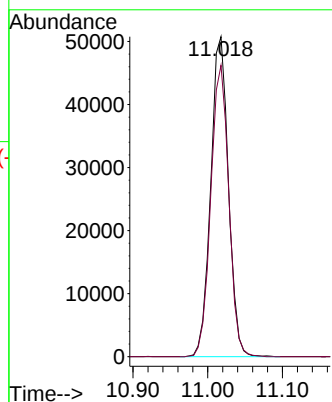
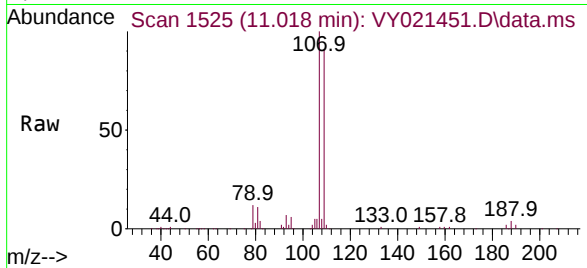




#61
1,2-Dibromoethane
Concen: 51.922 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

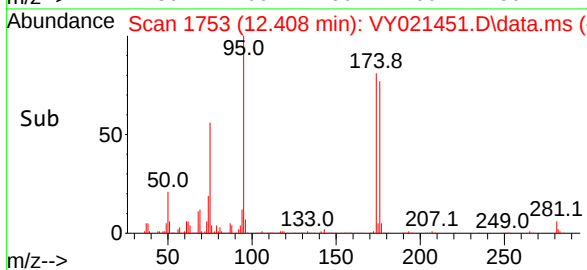
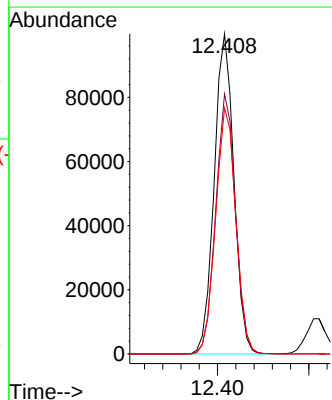
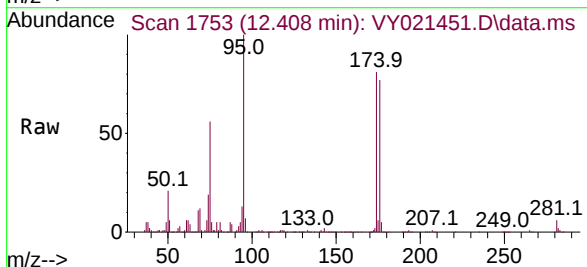
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

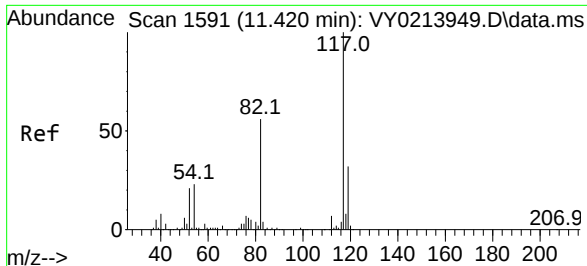
Tgt Ion:107 Resp: 83526
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 54.511 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 95 Resp: 149818
Ion Ratio Lower Upper
95 100
174 81.1 0.0 165.0
176 79.0 0.0 160.0

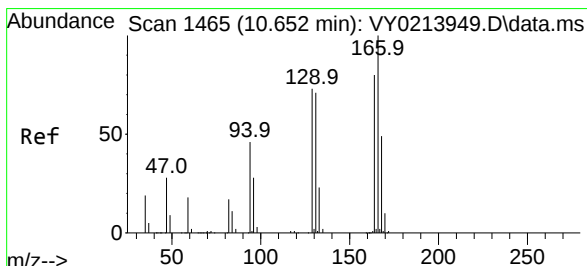
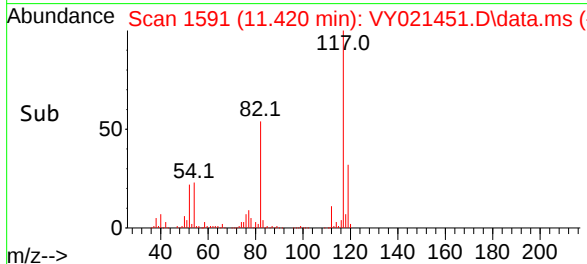
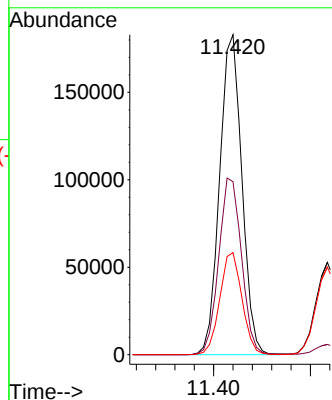
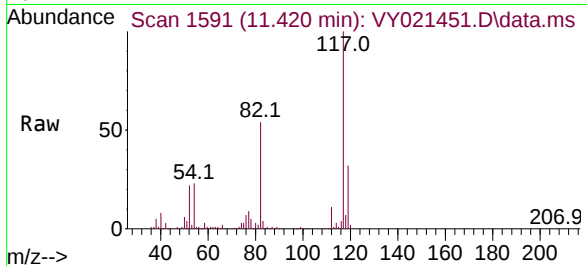




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

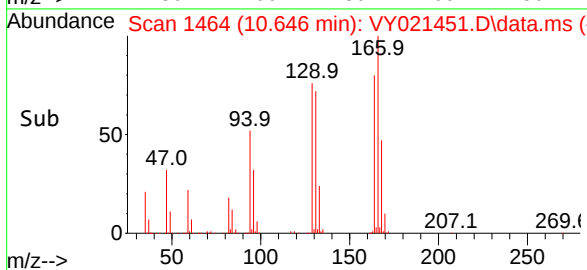
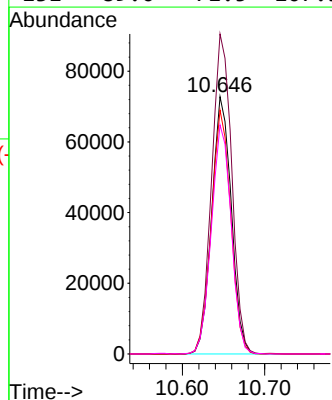
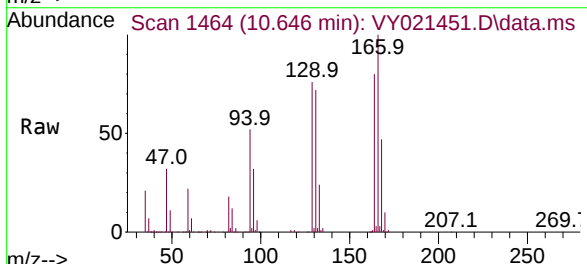
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

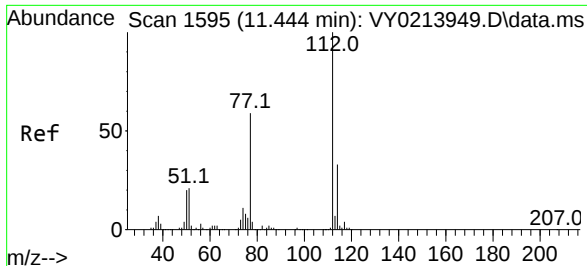
Tgt Ion:117 Resp: 291936
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 50.830 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:164 Resp: 120667
Ion Ratio Lower Upper
164 100
166 124.3 100.4 150.6
129 94.7 73.8 110.8
131 89.0 71.5 107.3

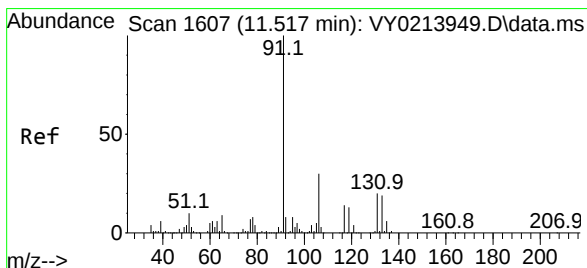
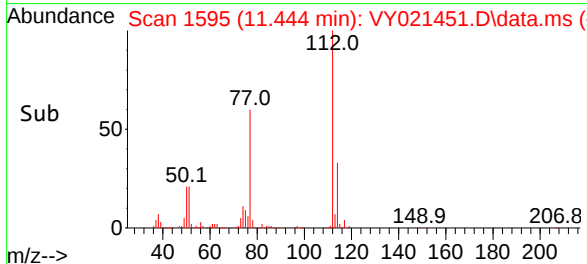
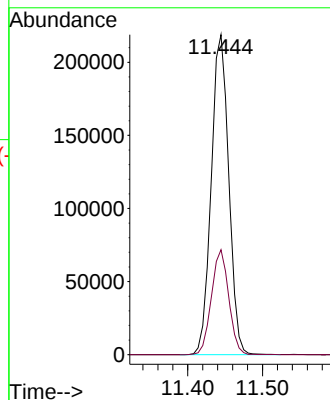
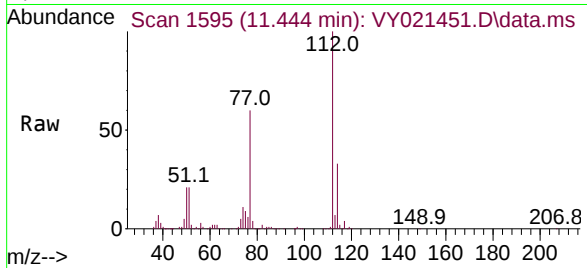




#65
Chlorobenzene
Concen: 51.617 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

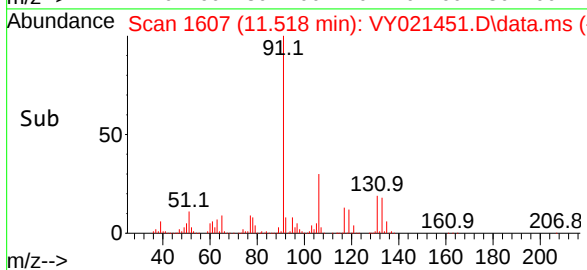
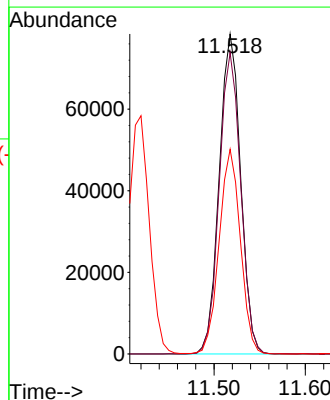
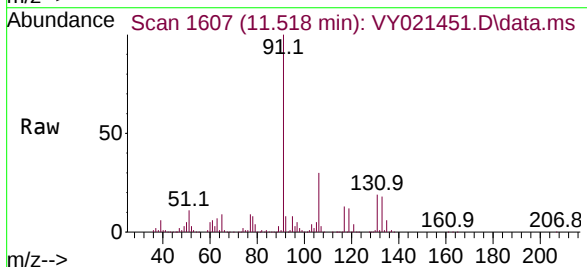
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

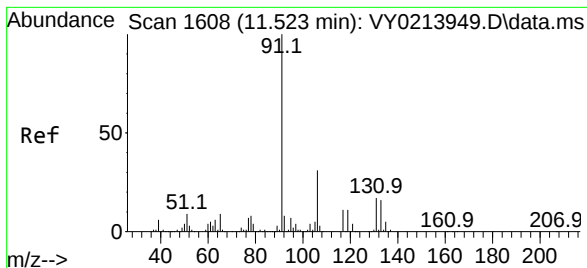
Tgt Ion:112 Resp: 355846
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.396 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:131 Resp: 127708
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.5 32.3 96.9





#67

Ethyl Benzene

Concen: 53.561 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

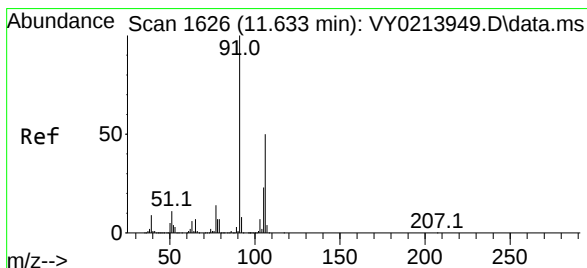
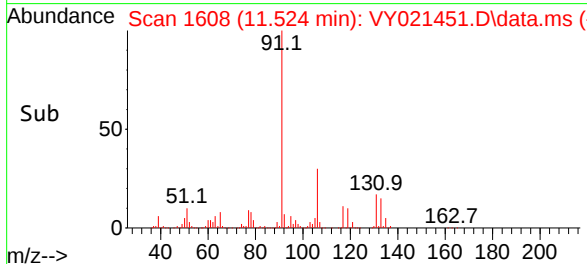
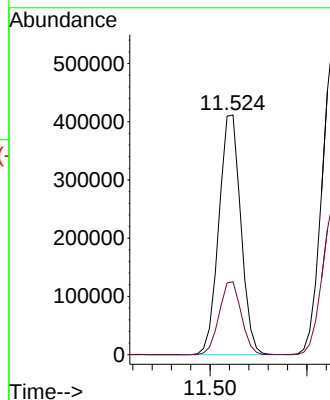
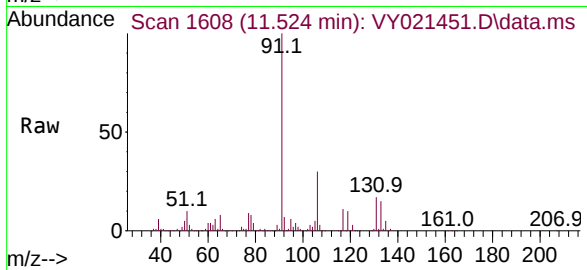
VSTDCCC050

Tgt Ion: 91 Resp: 648101

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 107.493 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021451.D

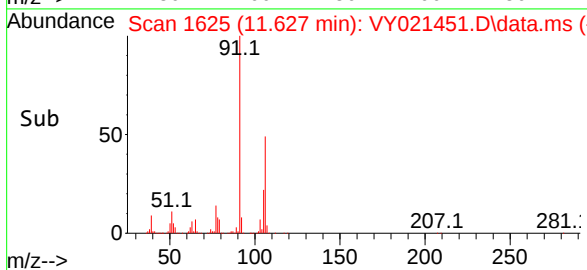
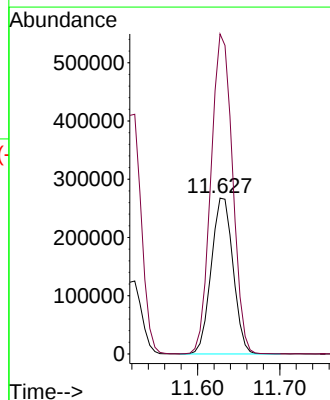
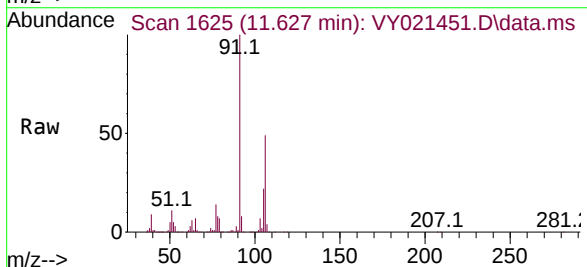
Acq: 07 Mar 2025 09:59

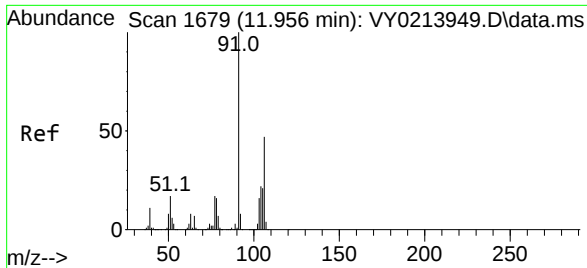
Tgt Ion: 106 Resp: 493806

Ion Ratio Lower Upper

106 100

91 204.1 161.7 242.5

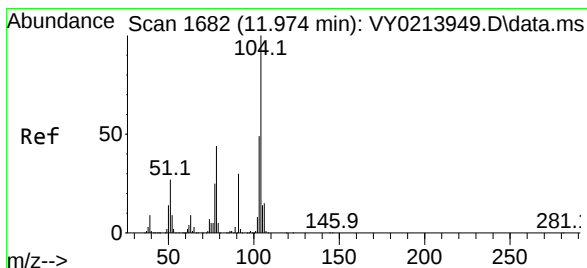
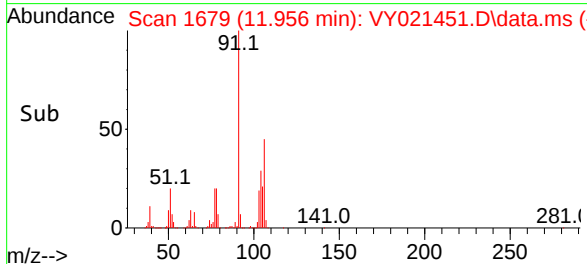
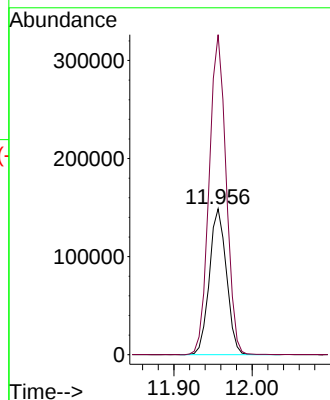
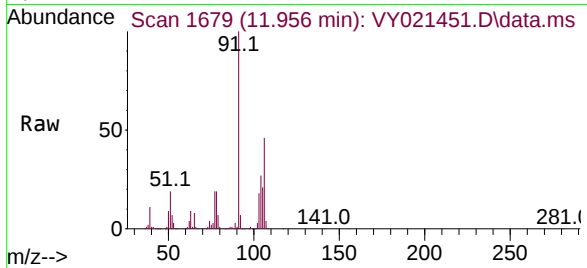




#69
o-Xylene
Concen: 53.130 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

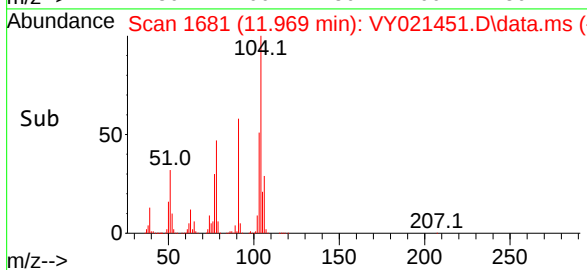
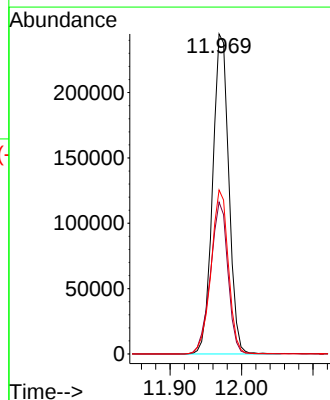
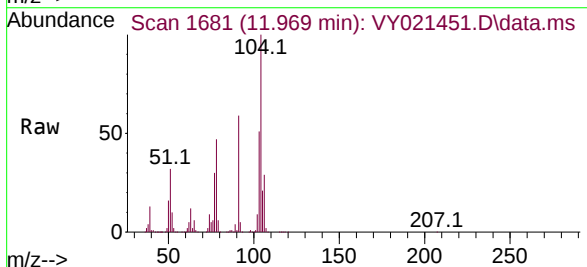
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

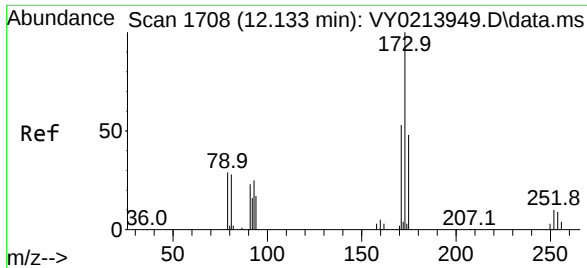
Tgt Ion:106 Resp: 224944
Ion Ratio Lower Upper
106 100
91 218.2 107.6 322.8



#70
Styrene
Concen: 54.815 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:104 Resp: 385006
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 54.7 44.1 66.1

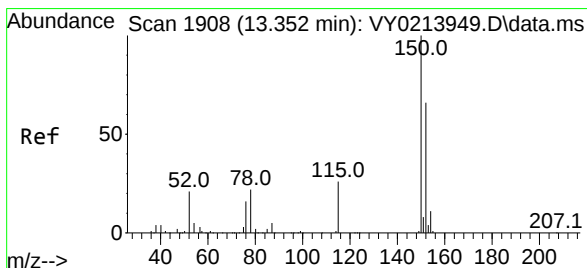
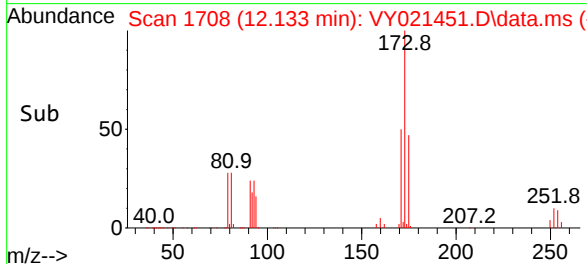
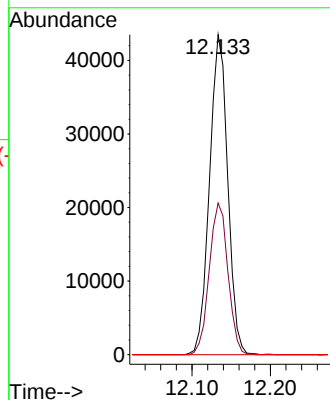
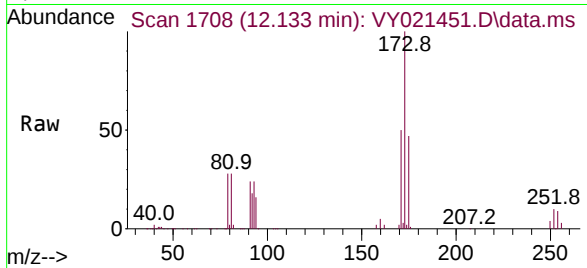




#71
Bromoform
Concen: 51.417 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

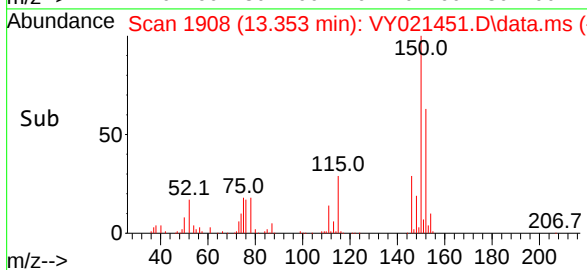
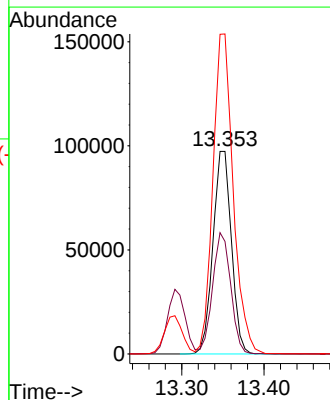
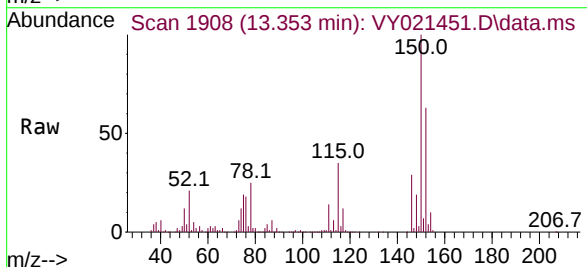
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

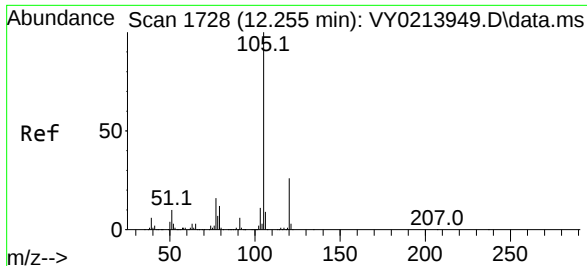
Tgt Ion:173 Resp: 70056
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:152 Resp: 151541
Ion Ratio Lower Upper
152 100
115 59.0 29.0 87.0
150 173.5 0.0 347.2

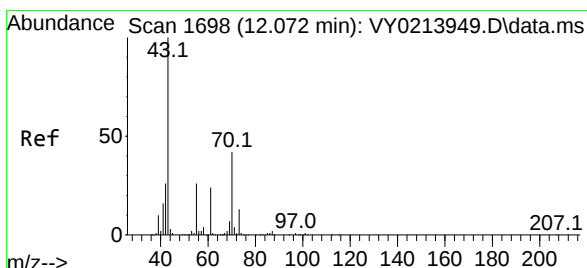
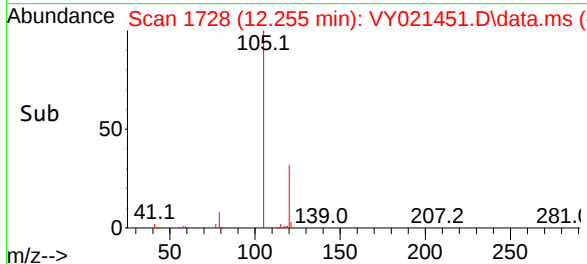
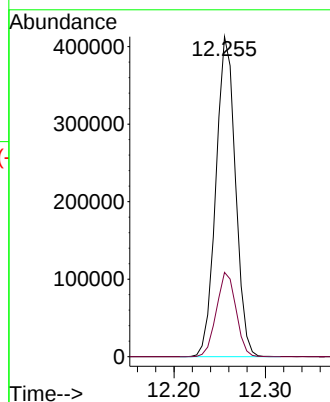
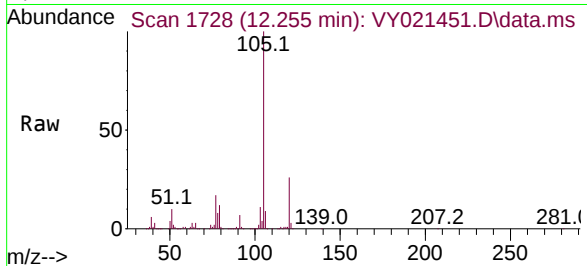




#73
Isopropylbenzene
Concen: 51.329 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

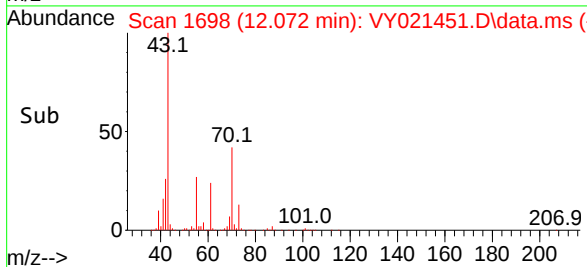
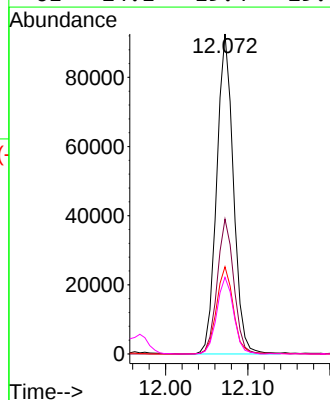
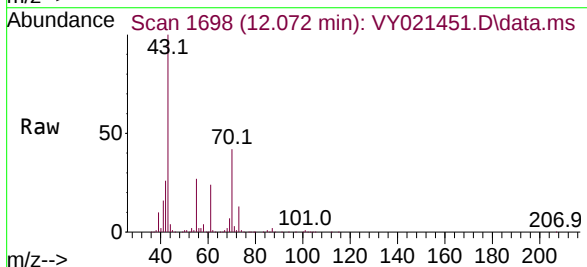
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

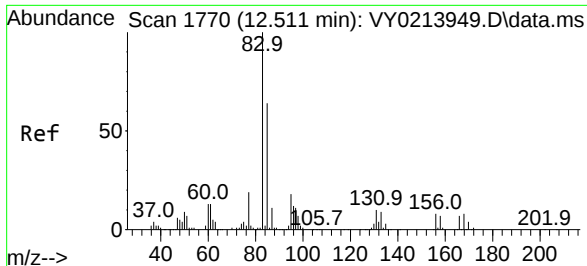
Tgt Ion:105 Resp: 612734
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 50.351 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 43 Resp: 130532
Ion Ratio Lower Upper
43 100
70 42.1 34.6 51.8
55 27.6 21.1 31.7
61 24.1 19.4 29.0

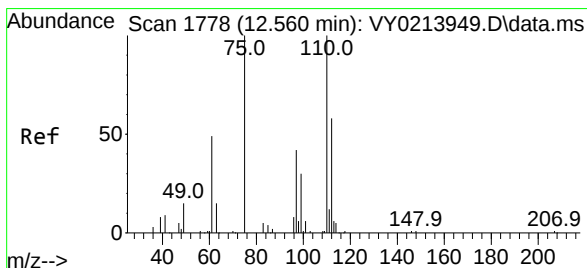
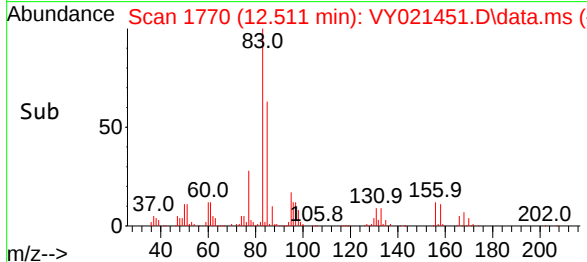
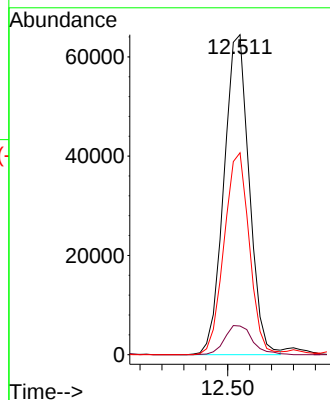
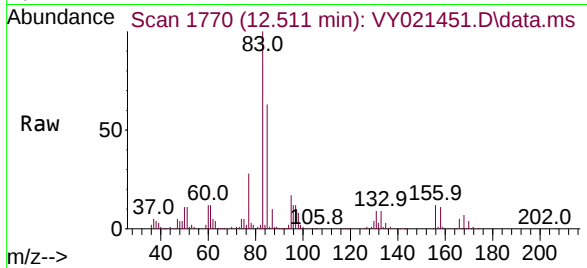




#75
1,1,2,2-Tetrachloroethane
Concen: 48.988 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

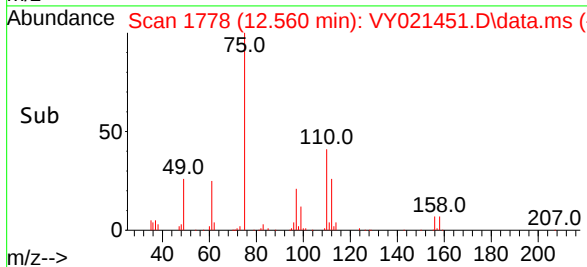
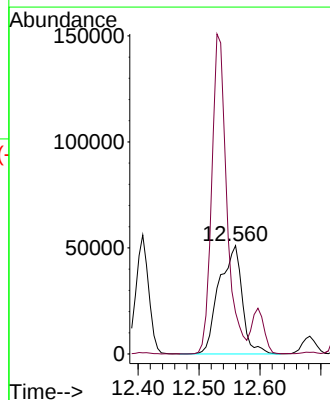
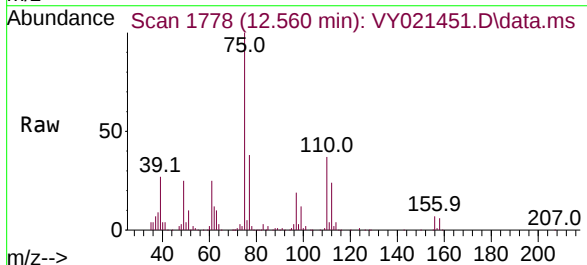
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

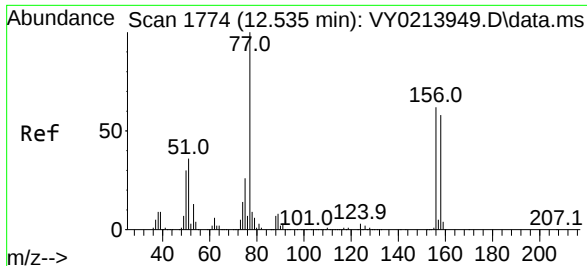
Tgt Ion: 83 Resp: 103195
Ion Ratio Lower Upper
83 100
131 10.0 5.3 16.1
85 63.1 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 88.191 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 75 Resp: 134672
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

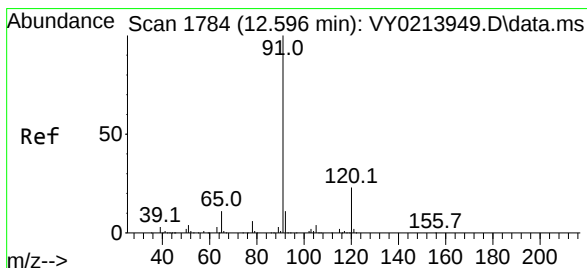
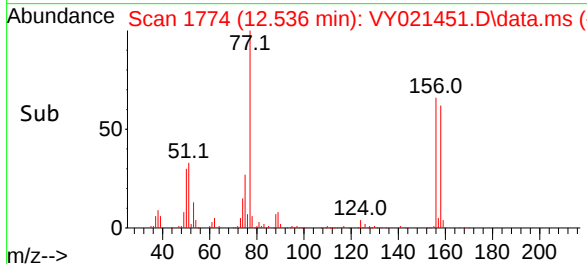
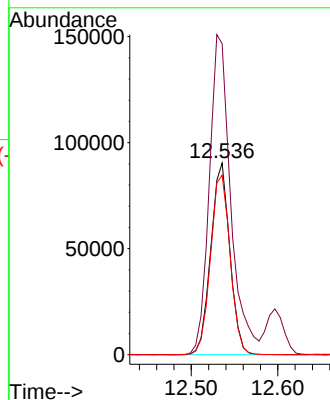
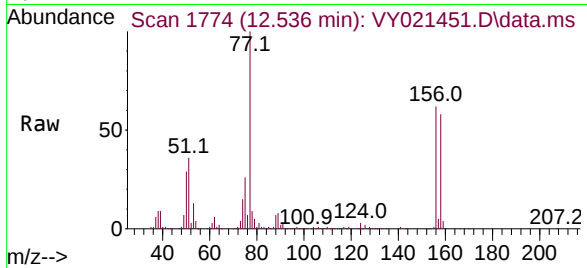




#77
Bromobenzene
Concen: 49.420 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

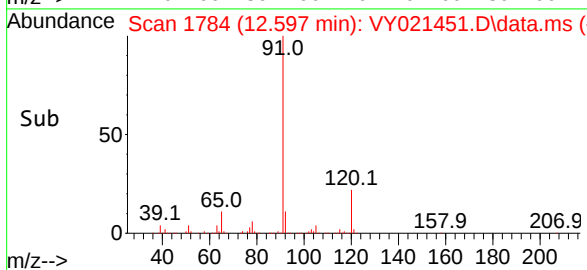
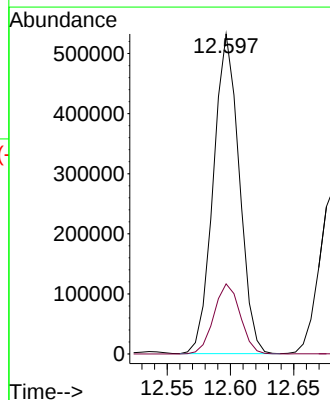
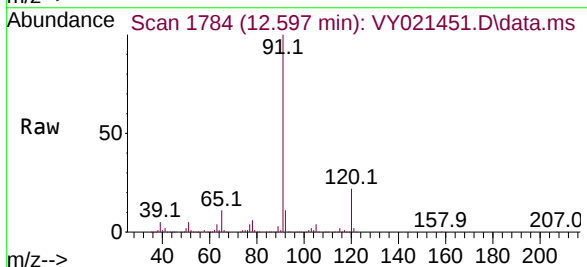
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

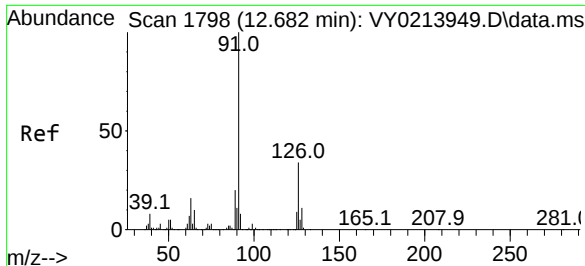
Tgt Ion:156 Resp: 138017
Ion Ratio Lower Upper
156 100
77 188.2 93.6 280.8
158 96.4 48.3 144.8



#78
n-propylbenzene
Concen: 52.163 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 91 Resp: 756235
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.900 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

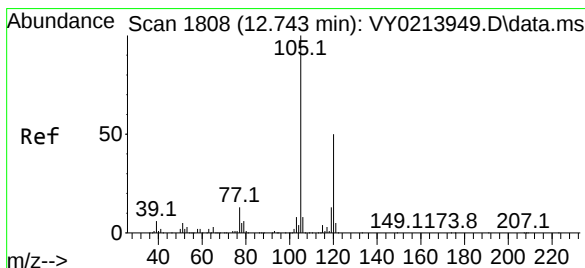
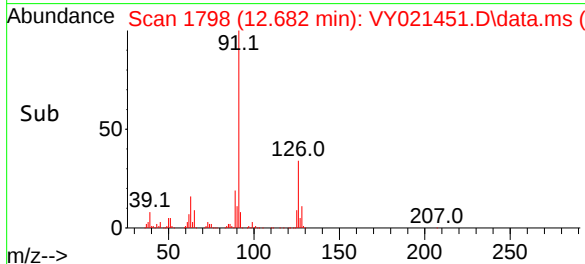
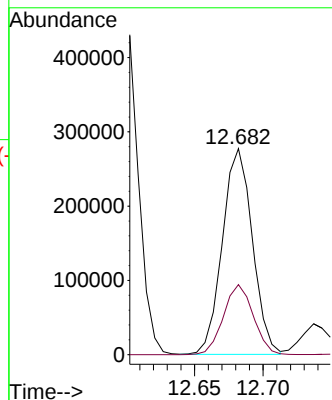
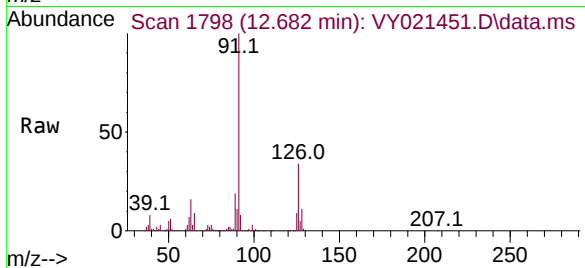
VSTDCCC050

Tgt Ion: 91 Resp: 421941

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 52.417 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021451.D

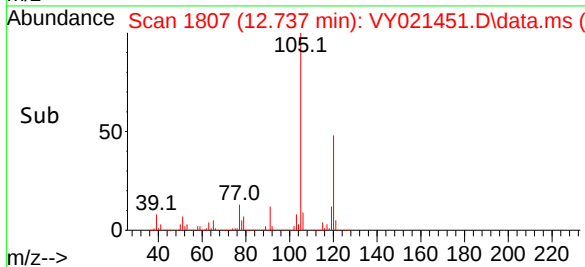
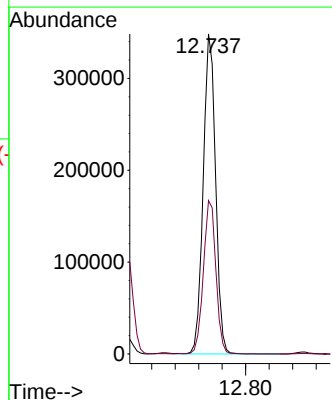
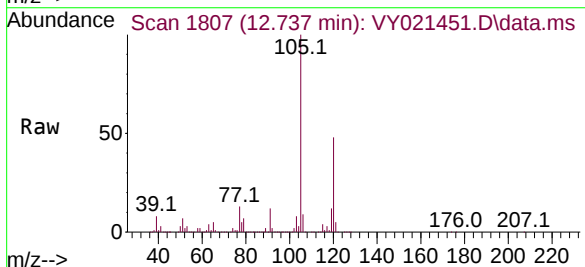
Acq: 07 Mar 2025 09:59

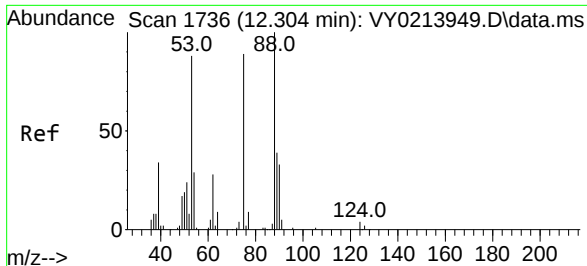
Tgt Ion: 105 Resp: 508497

Ion Ratio Lower Upper

105 100

120 48.6 24.6 73.6

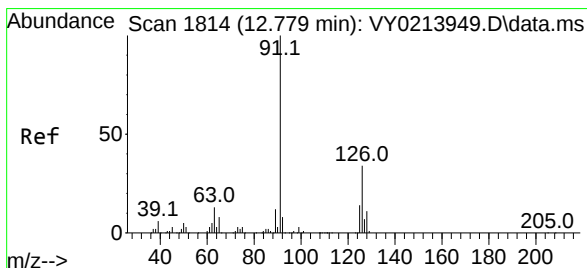
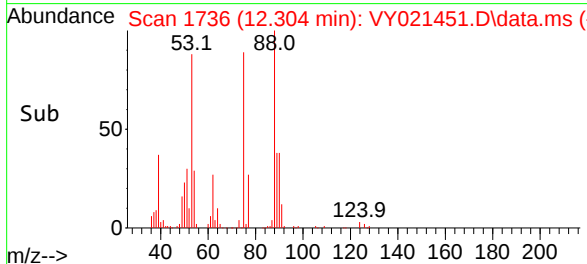
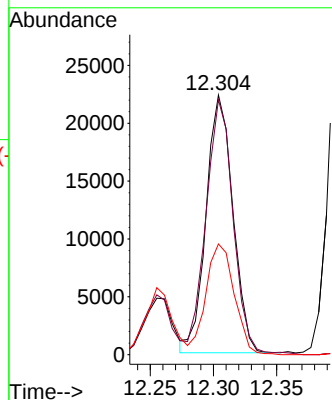
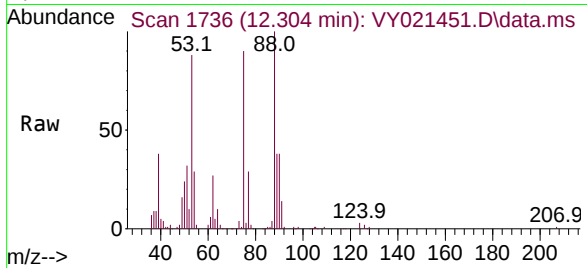




#81
trans-1,4-Dichloro-2-butene
Concen: 48.829 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

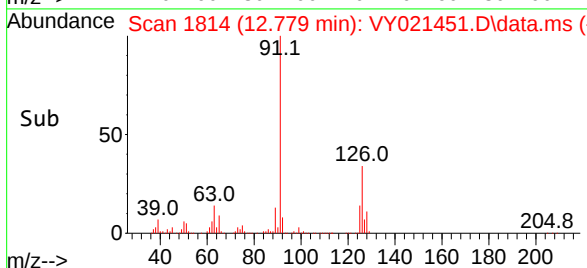
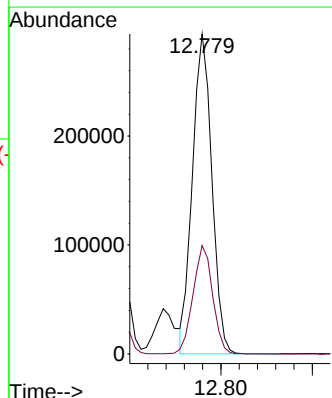
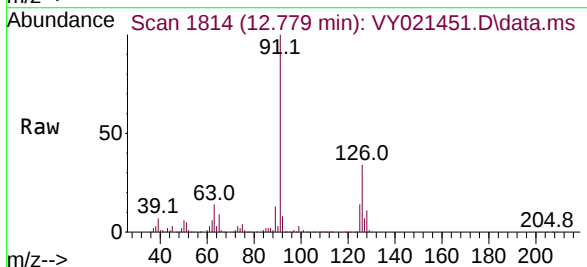
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

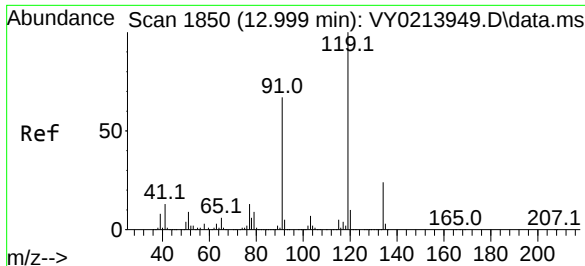
Tgt Ion: 75 Resp: 32800
Ion Ratio Lower Upper
75 100
53 100.1 81.0 121.4
89 45.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 91 Resp: 432838
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0

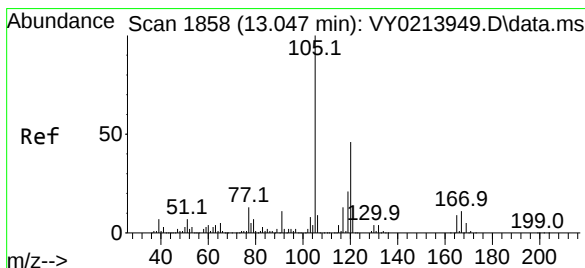
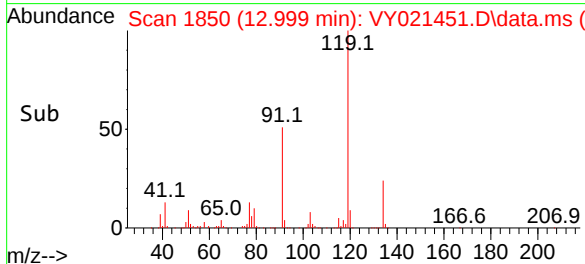
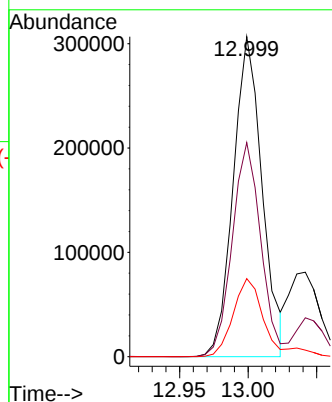
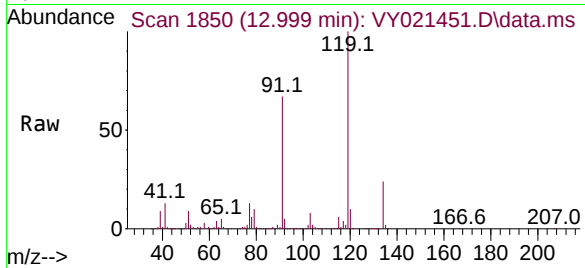




#83
 tert-Butylbenzene
 Concen: 52.108 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

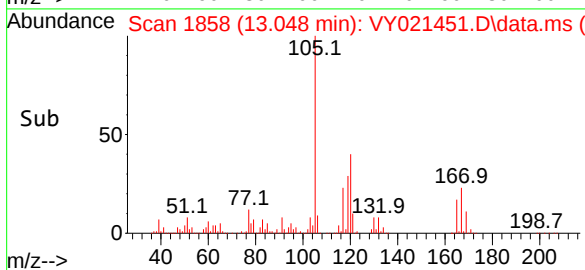
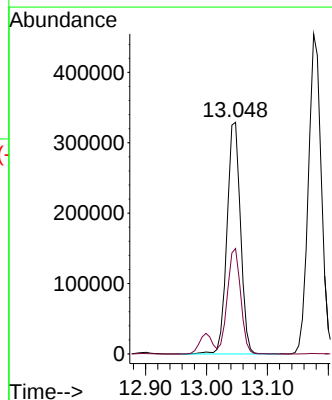
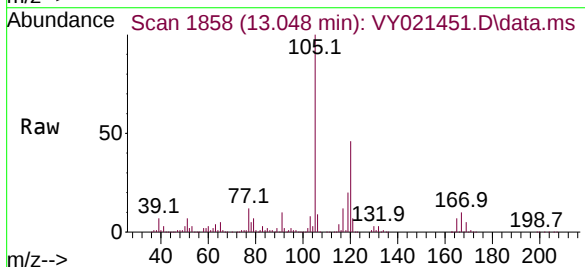
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

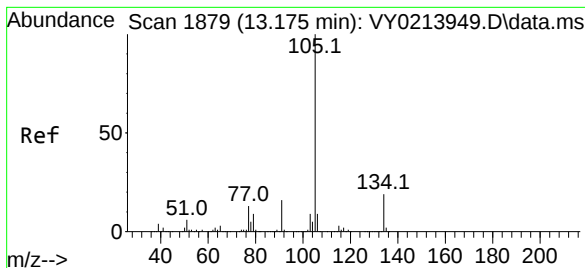
Tgt Ion:119 Resp: 450950
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.2 99.6
 134 26.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.510 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

Tgt Ion:105 Resp: 505770
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.710 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

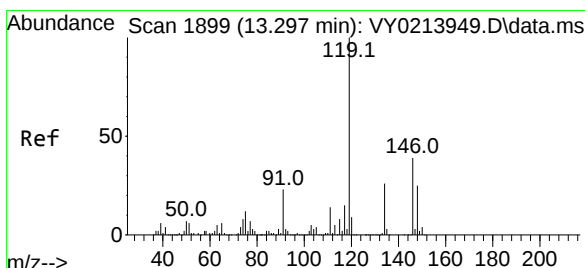
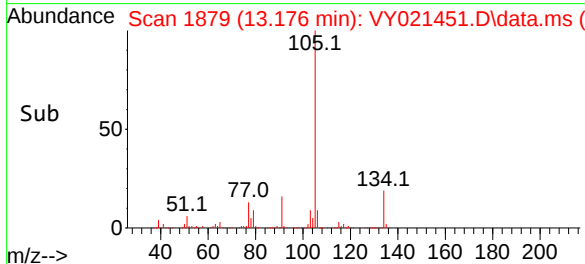
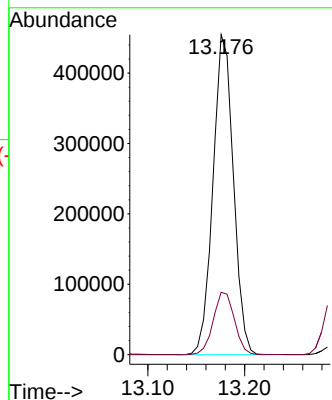
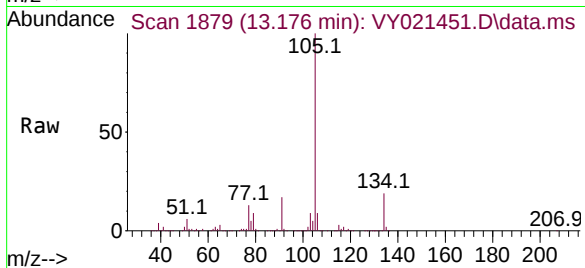
VSTDCCC050

Tgt Ion:105 Resp: 665822

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 52.732 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021451.D

Acq: 07 Mar 2025 09:59

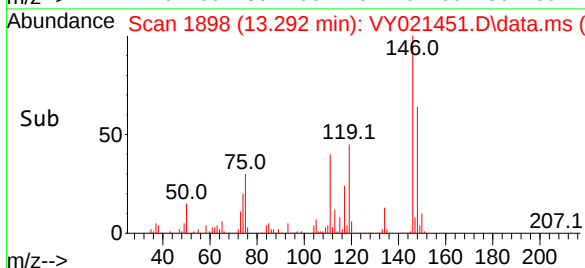
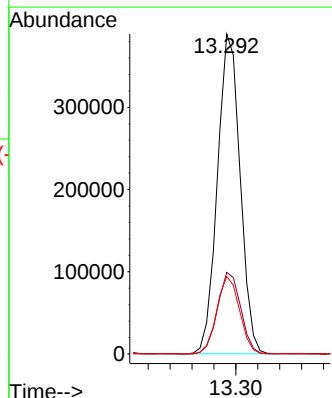
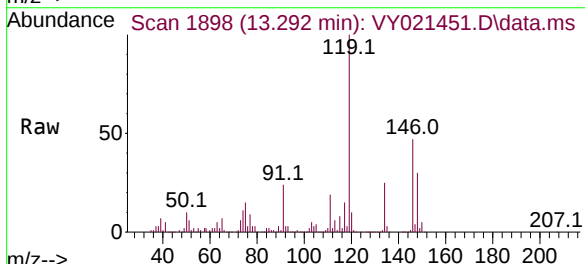
Tgt Ion:119 Resp: 559380

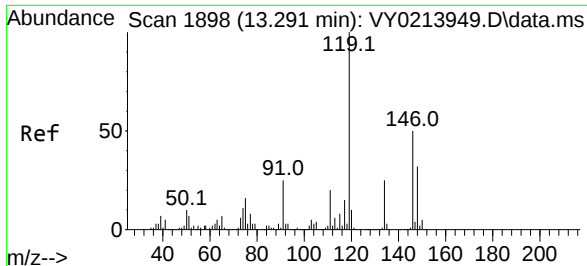
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.3 12.2 36.6

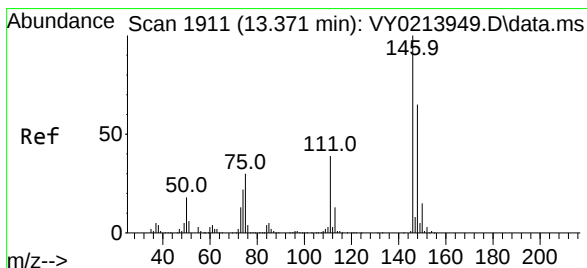
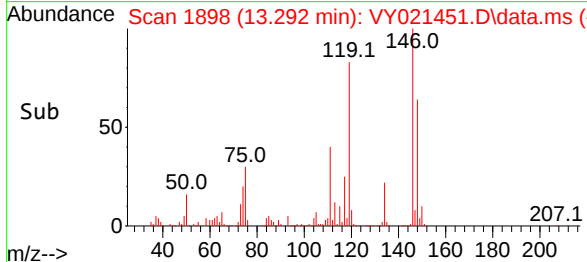
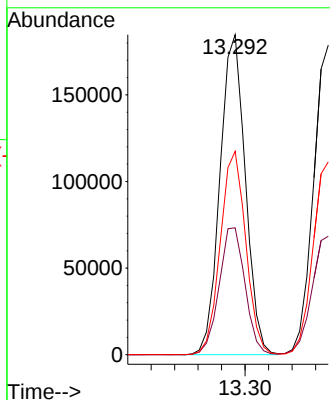
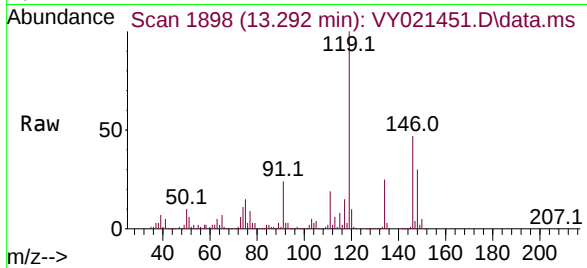




#87
1,3-Dichlorobenzene
Concen: 49.887 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

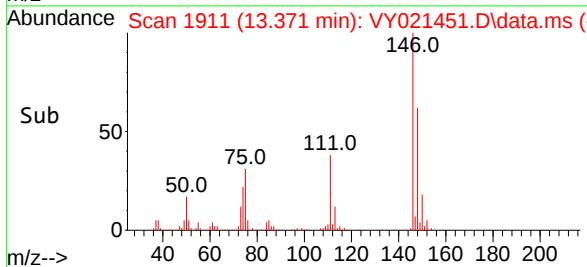
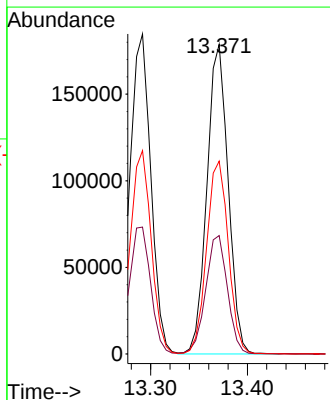
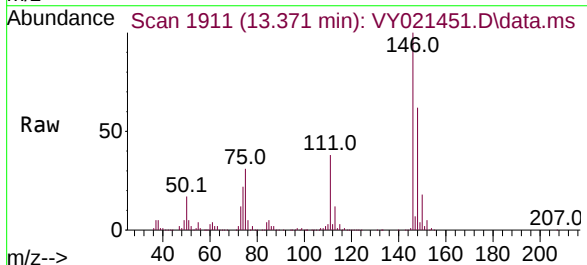
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

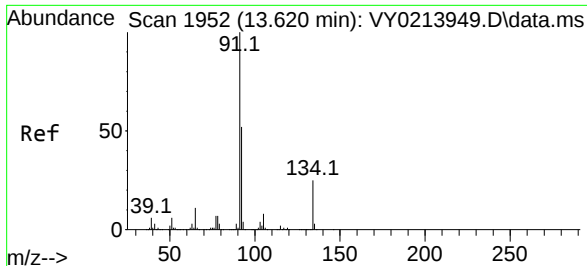
Tgt Ion:146 Resp: 277327
Ion Ratio Lower Upper
146 100
111 40.6 20.0 60.0
148 63.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 50.207 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:146 Resp: 272960
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.8
148 63.8 32.3 96.8

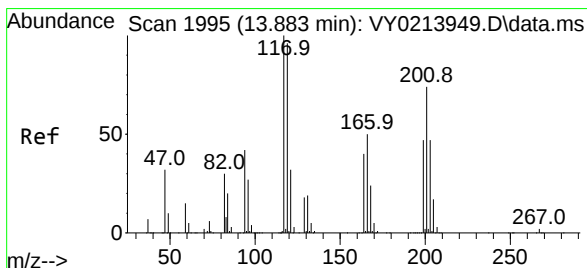
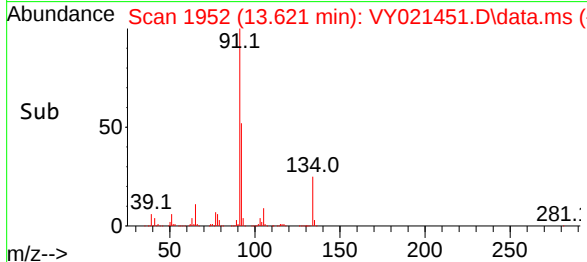
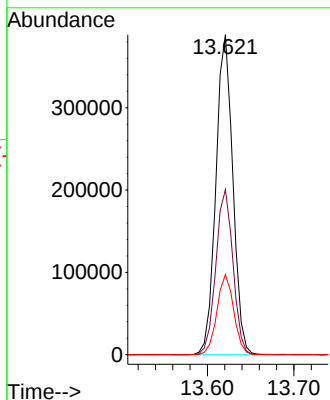
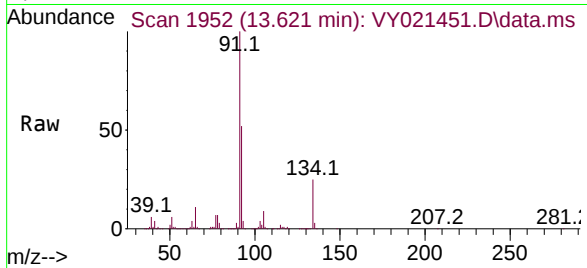




#89
n-Butylbenzene
Concen: 53.928 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

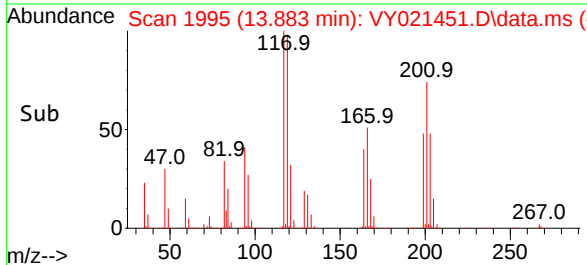
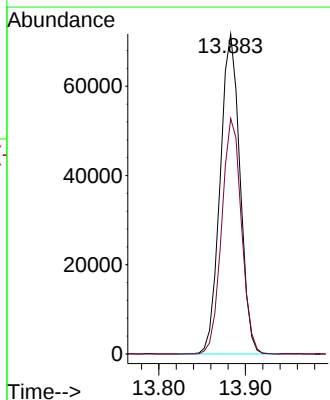
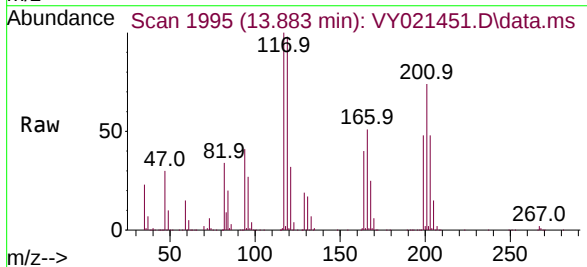
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

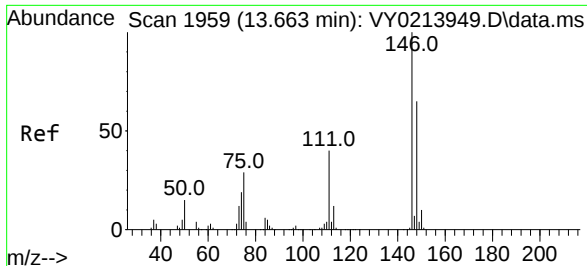
Tgt Ion: 91 Resp: 528248
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 24.8 12.6 37.8



#90
Hexachloroethane
Concen: 50.283 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion: 117 Resp: 113792
Ion Ratio Lower Upper
117 100
201 73.4 37.4 112.2

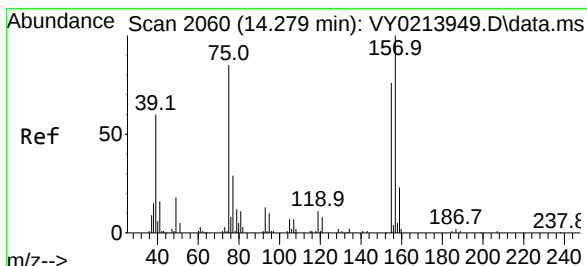
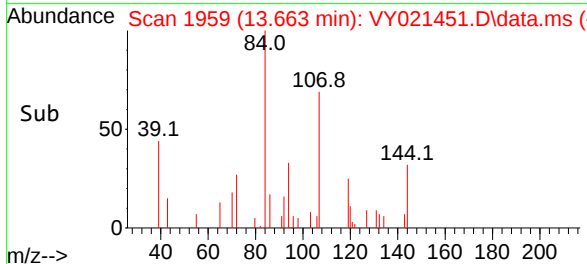
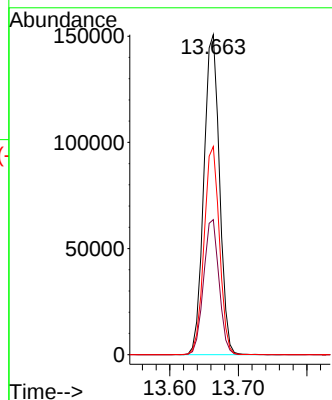
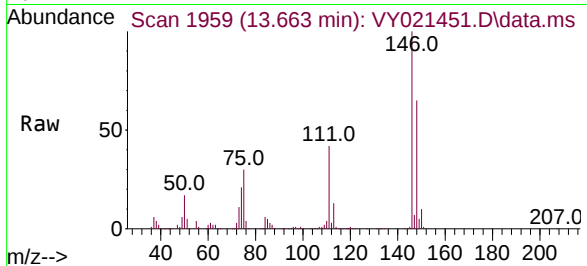




#91
 1,2-Dichlorobenzene
 Concen: 50.277 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

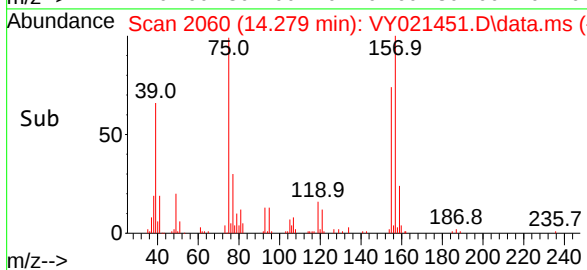
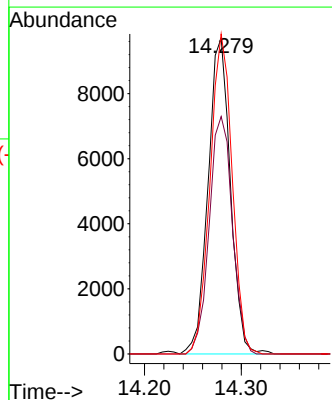
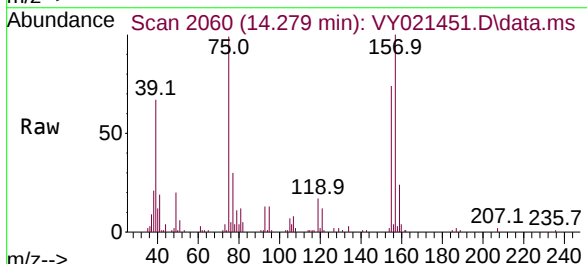
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

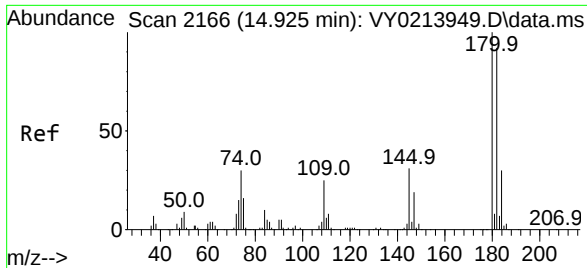
Tgt Ion:146 Resp: 239550
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.7 62.1
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.273 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

Tgt Ion: 75 Resp: 15548
 Ion Ratio Lower Upper
 75 100
 155 77.9 43.5 130.5
 157 100.4 54.4 163.2

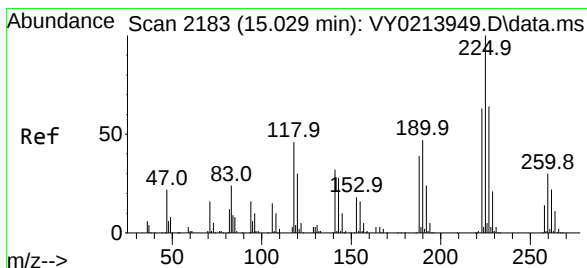
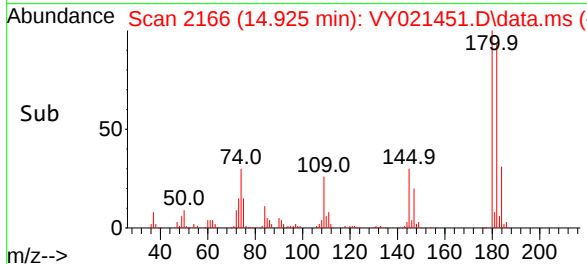
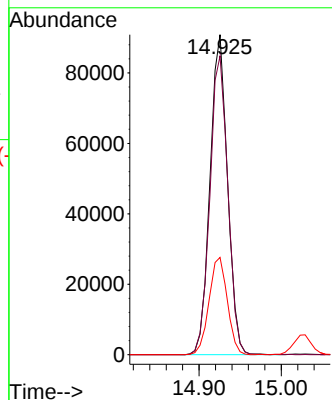
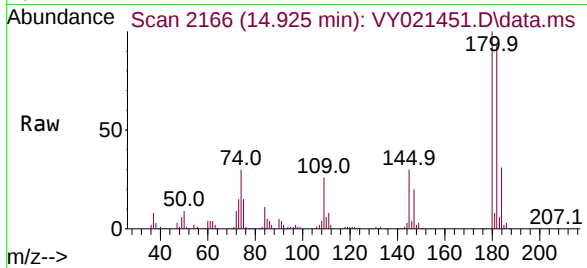




#93
 1,2,4-Trichlorobenzene
 Concen: 51.485 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

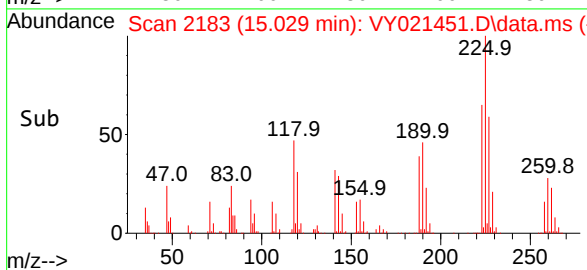
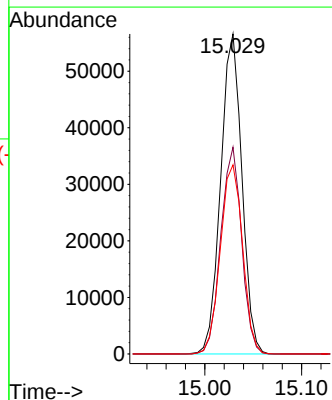
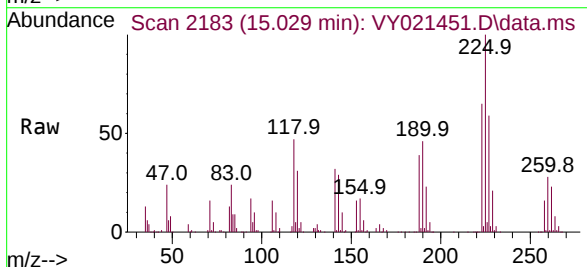
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

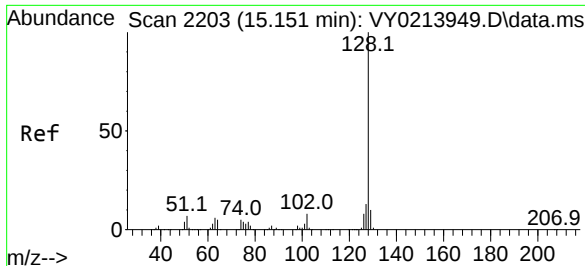
Tgt Ion:180 Resp: 133987
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.7 140.0
 145 31.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 52.790 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021451.D
 Acq: 07 Mar 2025 09:59

Tgt Ion:225 Resp: 86118
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.2
 227 61.9 31.8 95.4

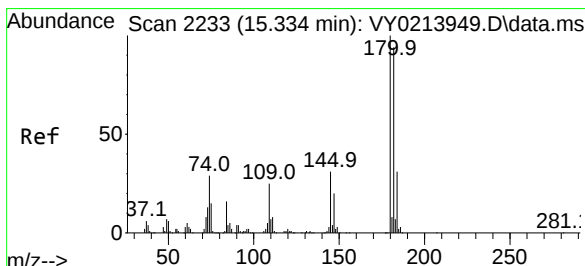
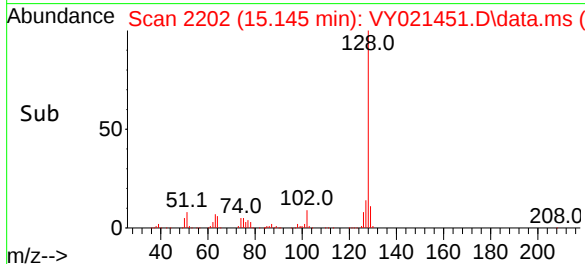
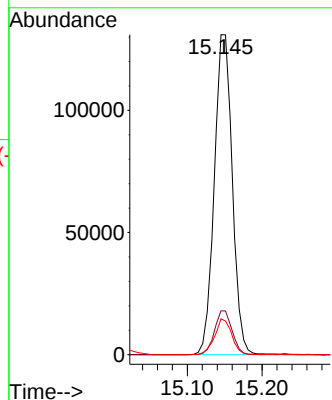
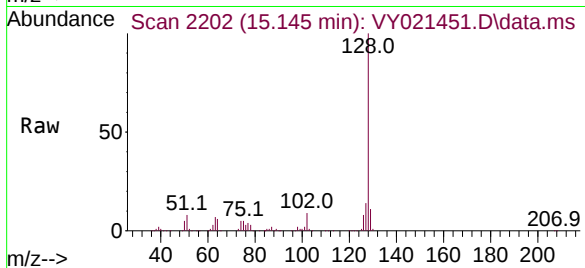




#95
Naphthalene
Concen: 49.826 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	219063
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.280 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021451.D
Acq: 07 Mar 2025 09:59

Tgt Ion:	180	Resp:	112240
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.2	141.6
145	32.7	16.4	49.1

