

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021530.D
 Acq On : 14 Mar 2025 10:38
 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 15 01:58:17 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	208592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	323692	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	293316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	152920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103101	46.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.520%
35) Dibromofluoromethane	7.628	113	98499	46.294	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.103	98	359767	44.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.408	95	126097	46.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85325	44.575	ug/l	98
3) Chloromethane	2.068	50	132988	49.278	ug/l	98
4) Vinyl Chloride	2.202	62	155040	52.571	ug/l	99
5) Bromomethane	2.586	94	104772	49.154	ug/l	97
6) Chloroethane	2.726	64	108868	55.860	ug/l	98
7) Trichlorofluoromethane	3.050	101	216835	52.676	ug/l	98
8) Diethyl Ether	3.452	74	59099	51.806	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	114962	48.916	ug/l	98
10) Methyl Iodide	4.001	142	125889	52.695	ug/l	99
11) Tert butyl alcohol	4.854	59	44382	315.525	ug/l	100
12) 1,1-Dichloroethene	3.787	96	103090	48.112	ug/l	97
13) Acrolein	3.647	56	7934	70.752	ug/l	93
14) Allyl chloride	4.379	41	170662	49.286	ug/l	99
15) Acrylonitrile	5.055	53	139266	286.784	ug/l	99
16) Acetone	3.867	43	134826	280.383	ug/l	96
17) Carbon Disulfide	4.098	76	309936	46.155	ug/l	100
18) Methyl Acetate	4.379	43	72968	68.389	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	292115	53.788	ug/l	97
20) Methylene Chloride	4.610	84	117293	46.468	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	116792	48.671	ug/l	97
22) Diisopropyl ether	6.012	45	391329	52.440	ug/l	99
23) Vinyl Acetate	5.958	43	1152193	270.541	ug/l	100
24) 1,1-Dichloroethane	5.909	63	219026	49.730	ug/l	99
25) 2-Butanone	6.890	43	191813	288.363	ug/l	100
26) 2,2-Dichloropropane	6.878	77	192050	47.391	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	134592	49.372	ug/l	99
28) Bromochloromethane	7.238	49	99745	54.020	ug/l	98
29) Tetrahydrofuran	7.256	42	122641	298.652	ug/l	100
30) Chloroform	7.415	83	230932	50.494	ug/l	98
31) Cyclohexane	7.695	56	184801	44.756	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	203959	48.706	ug/l	100
36) 1,1-Dichloropropene	7.829	75	157397	47.260	ug/l	99
37) Ethyl Acetate	6.976	43	83213	56.529	ug/l	98
38) Carbon Tetrachloride	7.817	117	186786	48.765	ug/l	99
39) Methylcyclohexane	9.109	83	196037	47.987	ug/l	98
40) Benzene	8.079	78	485824	49.519	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	47881	59.738	ug/l	95
42) 1,2-Dichloroethane	8.152	62	141706	51.630	ug/l	99
43) Isopropyl Acetate	8.195	43	160909	56.310	ug/l #	89
44) Trichloroethene	8.860	130	122676	49.482	ug/l	96
45) 1,2-Dichloropropane	9.140	63	118900	50.921	ug/l	95
46) Dibromomethane	9.231	93	70690	54.410	ug/l	99
47) Bromodichloromethane	9.420	83	179964	52.159	ug/l	100
48) Methyl methacrylate	9.219	41	74054	56.436	ug/l	96
49) 1,4-Dioxane	9.225	88	17032	1335.615	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	450790	305.741	ug/l	99
52) Toluene	10.170	92	311576	50.373	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	164871	54.238	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	188629	52.266	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	91572	53.882	ug/l	96
56) Ethyl methacrylate	10.439	69	127494	58.822	ug/l	99
57) 1,3-Dichloropropane	10.713	76	158743	53.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	276308	276.155	ug/l	100
59) 2-Hexanone	10.762	43	307963	315.885	ug/l	98
60) Dibromochloromethane	10.908	129	125128	53.705	ug/l	100
61) 1,2-Dibromoethane	11.012	107	87878	54.788	ug/l	99
64) Tetrachloroethene	10.646	164	125932	52.799	ug/l	97
65) Chlorobenzene	11.438	112	337893	48.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	122210	49.905	ug/l	99
67) Ethyl Benzene	11.518	91	601412	49.469	ug/l	100
68) m/p-Xylenes	11.627	106	459491	99.552	ug/l	99
69) o-Xylene	11.957	106	213955	50.296	ug/l	99
70) Styrene	11.969	104	366389	51.919	ug/l	100
71) Bromoform	12.133	173	73869	53.961	ug/l #	99
73) Isopropylbenzene	12.255	105	575590	47.783	ug/l	100
74) N-amyl acetate	12.072	43	143081	54.693	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	107177	50.420	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	141797	92.019	ug/l #	100
77) Bromobenzene	12.530	156	135616	48.123	ug/l	100
78) n-propylbenzene	12.597	91	698739	47.763	ug/l	100
79) 2-Chlorotoluene	12.676	91	396384	47.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	475149	48.538	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	34383	50.724	ug/l	99
82) 4-Chlorotoluene	12.780	91	418247	48.284	ug/l	100
83) tert-Butylbenzene	12.999	119	424795	48.643	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	474622	48.832	ug/l	98
85) sec-Butylbenzene	13.176	105	625404	48.133	ug/l	99
86) p-Isopropyltoluene	13.292	119	524498	48.998	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	270352	48.194	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	264883	48.282	ug/l	99
89) n-Butylbenzene	13.615	91	490768	49.650	ug/l	99
90) Hexachloroethane	13.877	117	107669	47.148	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	236227	49.133	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17208	54.042	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	136709	52.058	ug/l	98
94) Hexachlorobutadiene	15.023	225	82549	50.146	ug/l	100
95) Naphthalene	15.145	128	243649	54.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	117896	53.378	ug/l	100

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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

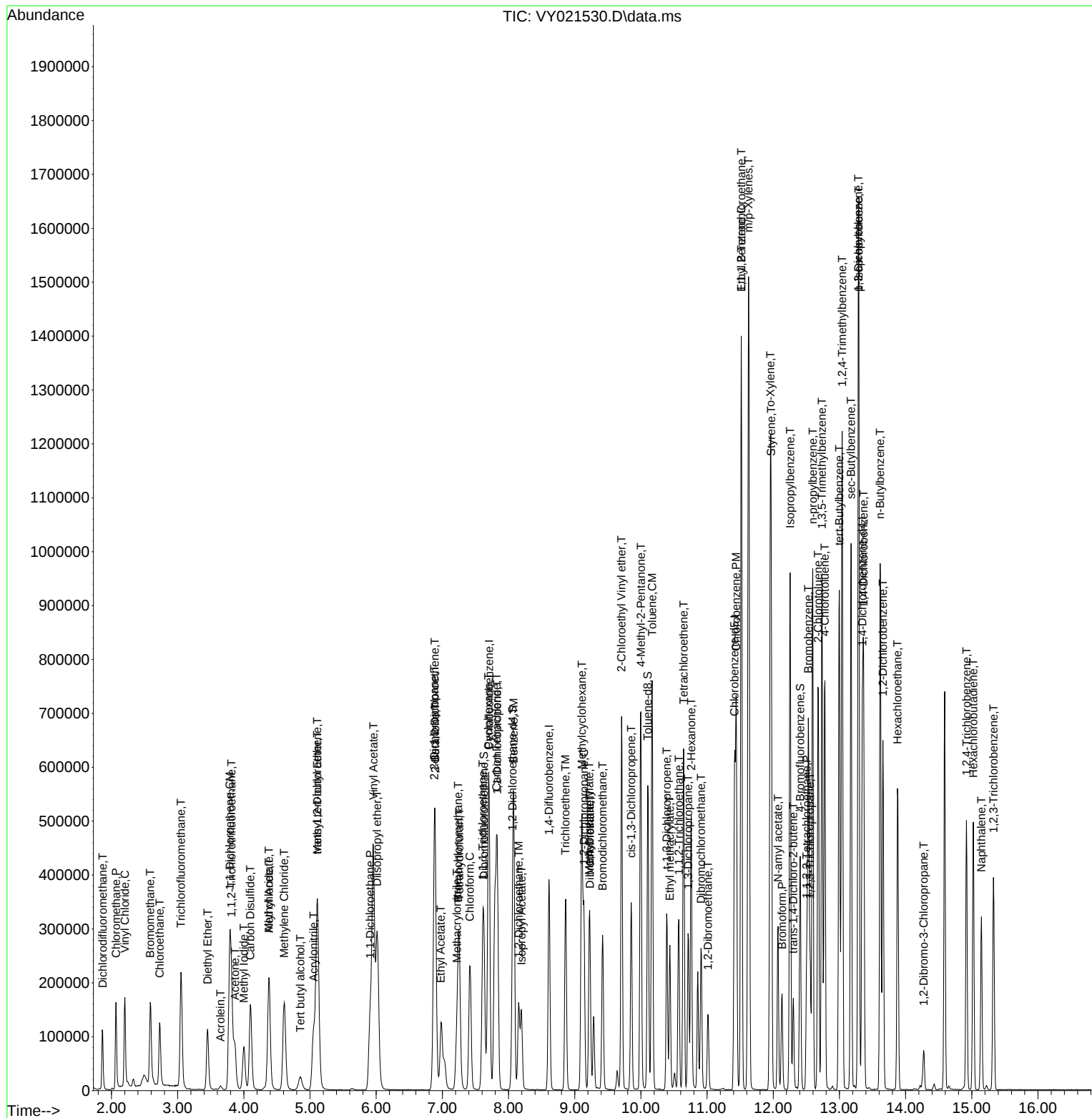
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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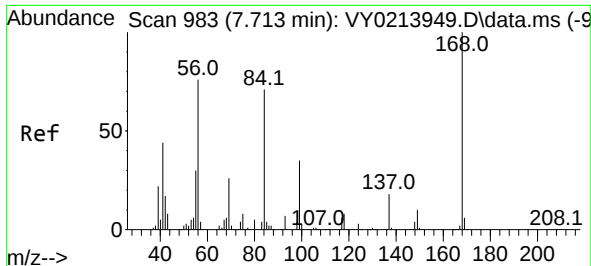
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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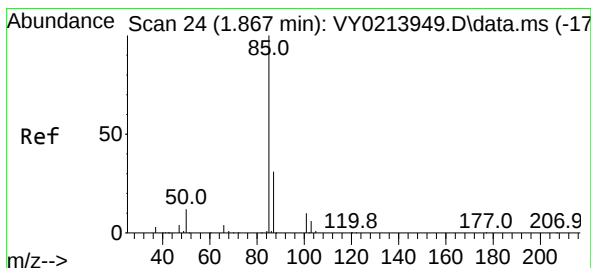
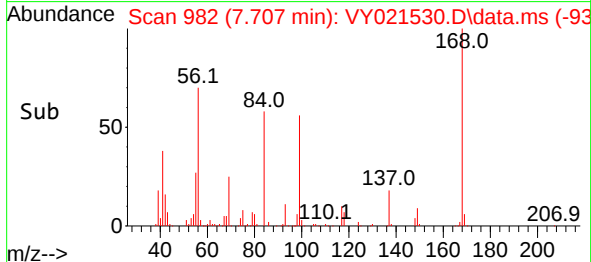
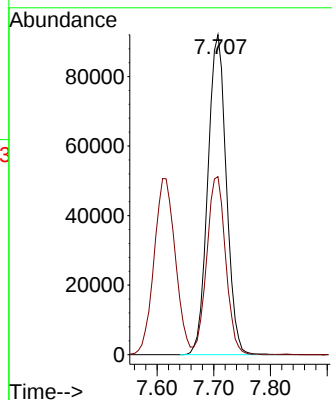
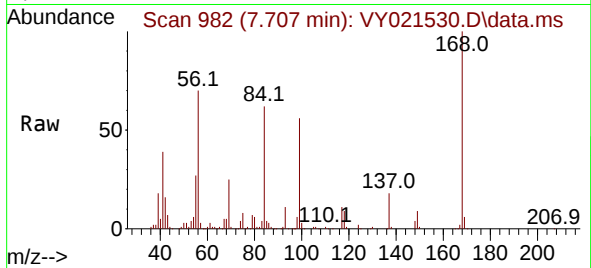




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021530.D
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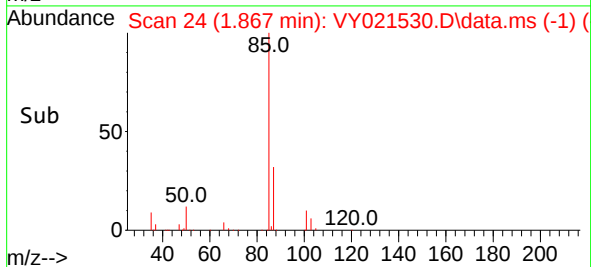
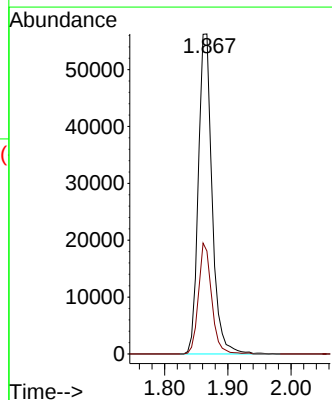
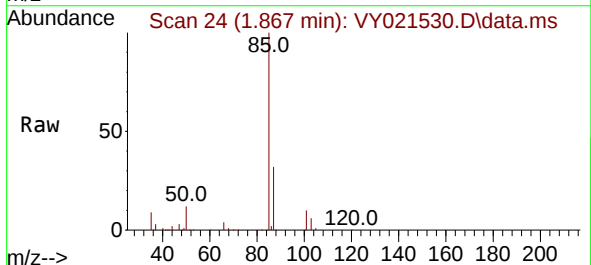
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 208592
Ion Ratio Lower Upper
168 100
99 55.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 44.575 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 85 Resp: 85325
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

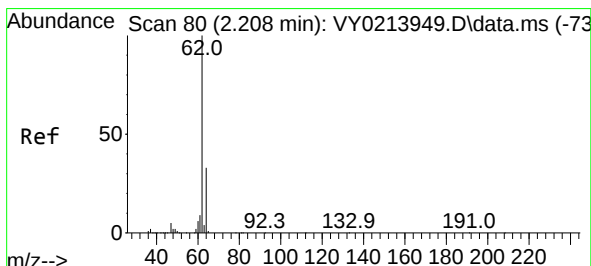
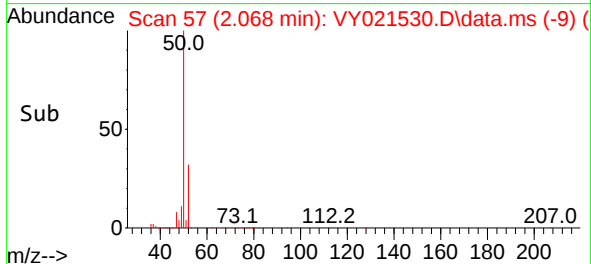
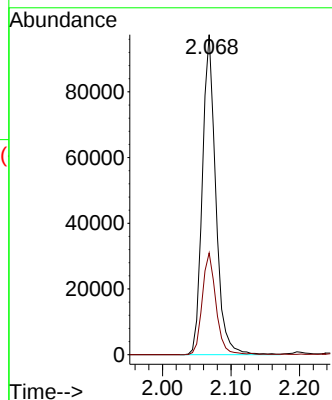
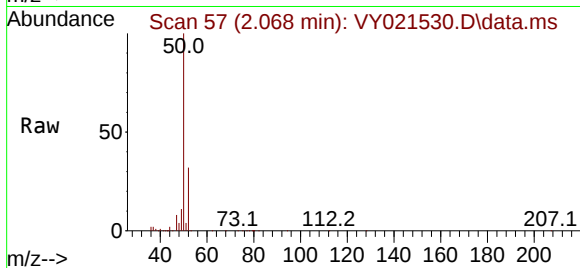




#3
Chloromethane
Concen: 49.278 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

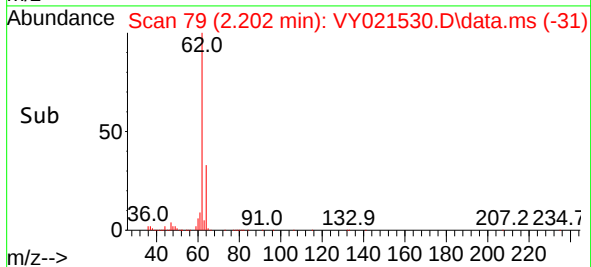
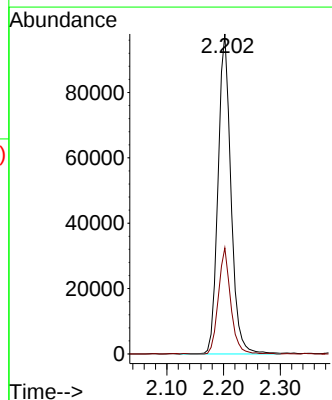
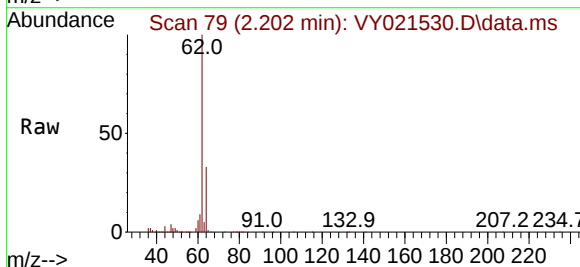
Instrument :
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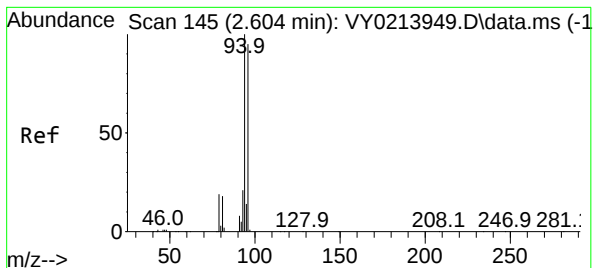
Tgt Ion: 50 Resp: 132988
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 52.571 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021530.D
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Tgt Ion: 62 Resp: 155040
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2

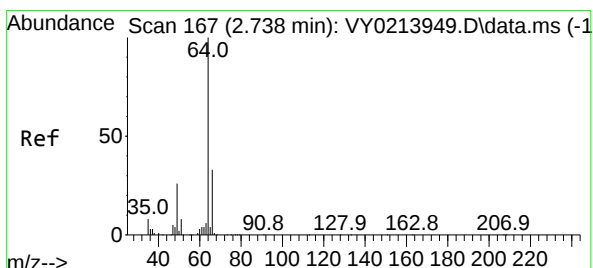
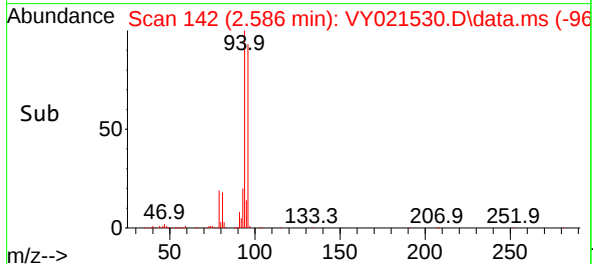
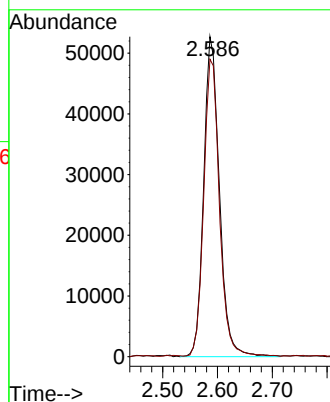
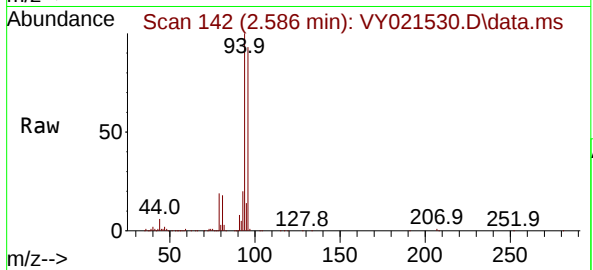




#5
Bromomethane
Concen: 49.154 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021530.D
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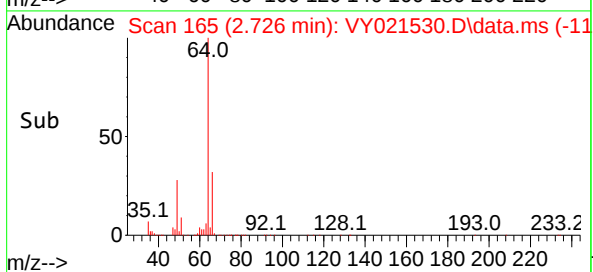
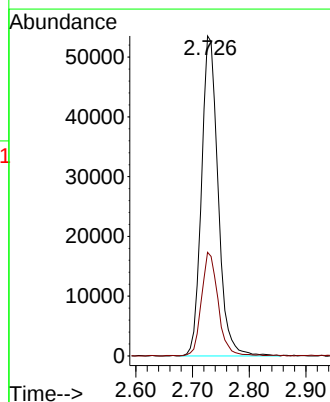
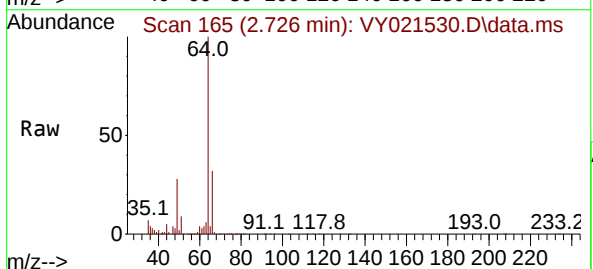
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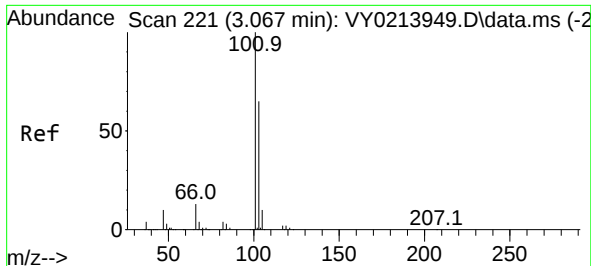
Tgt Ion: 94 Resp: 104772
Ion Ratio Lower Upper
94 100
96 92.8 76.3 114.5



#6
Chloroethane
Concen: 55.860 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021530.D
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Tgt Ion: 64 Resp: 108868
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1

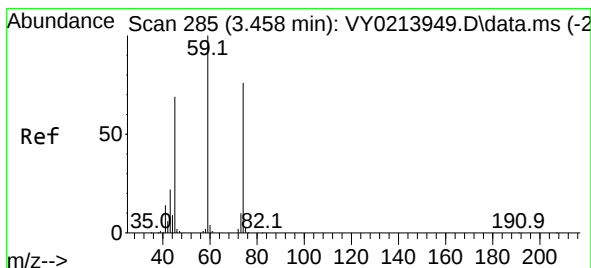
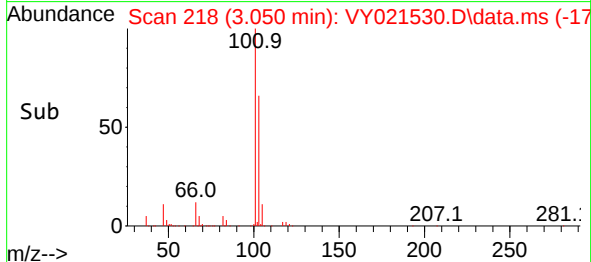
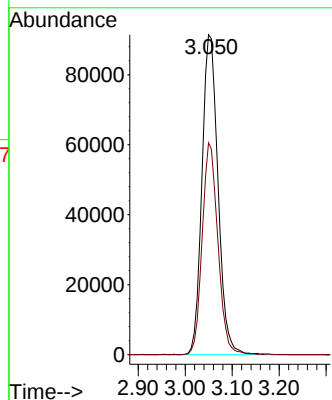
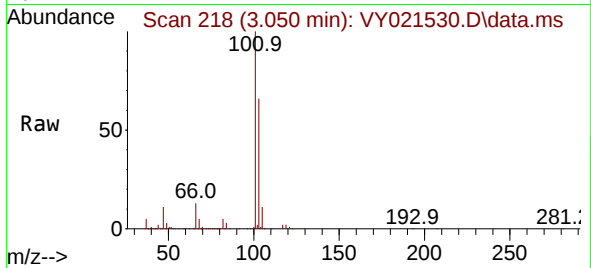




#7
 Trichlorofluoromethane
 Concen: 52.676 ug/l
 RT: 3.050 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

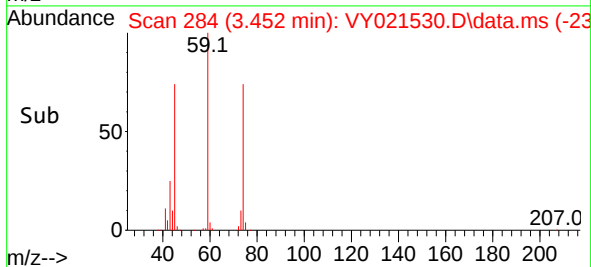
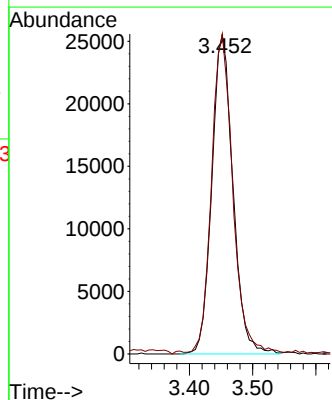
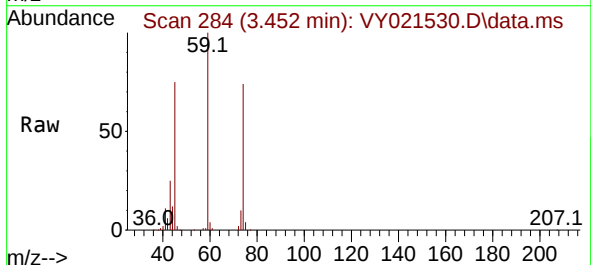
Instrument :
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 VSTDCCC050

Tgt Ion:101 Resp: 216835
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 51.806 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion: 74 Resp: 59099
 Ion Ratio Lower Upper
 74 100
 45 99.6 49.7 149.1

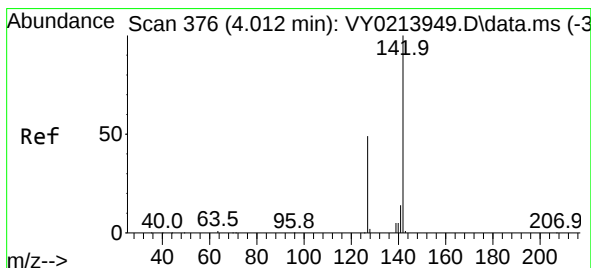
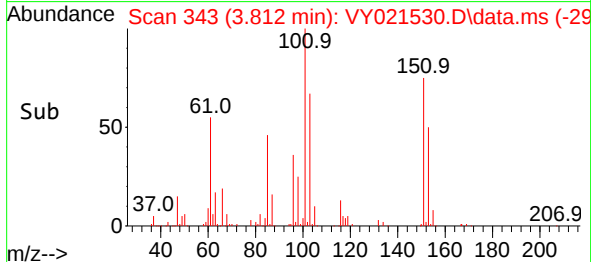
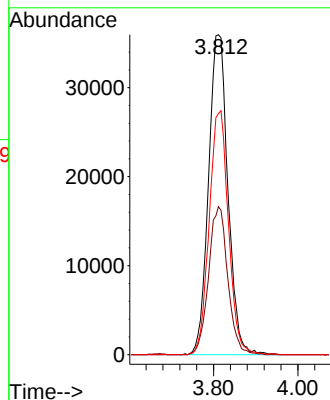
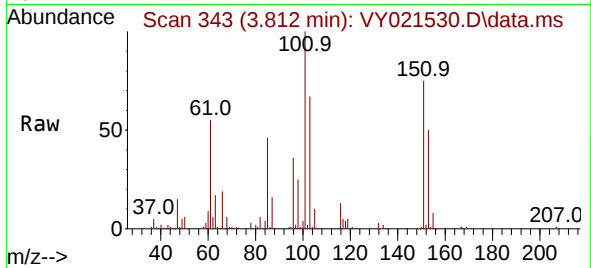




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.916 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

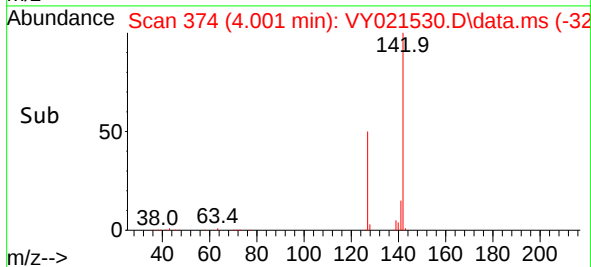
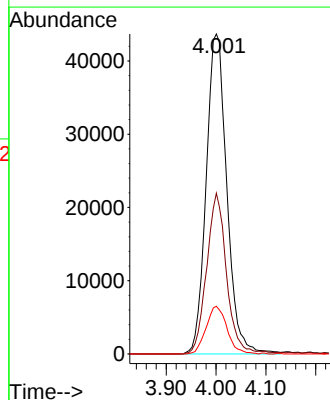
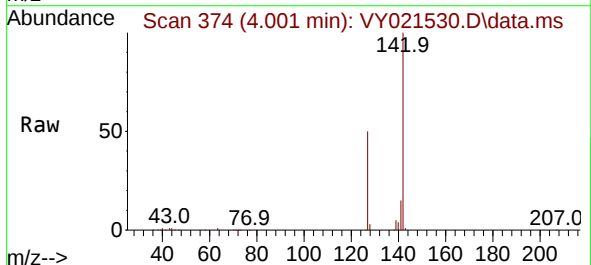
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

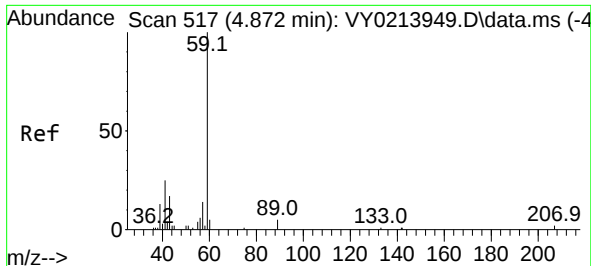
Tgt Ion:101 Resp: 114962
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 75.6 62.1 93.1



#10
Methyl Iodide
Concen: 52.695 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:142 Resp: 125889
Ion Ratio Lower Upper
142 100
127 48.5 39.1 58.7
141 15.1 11.8 17.6

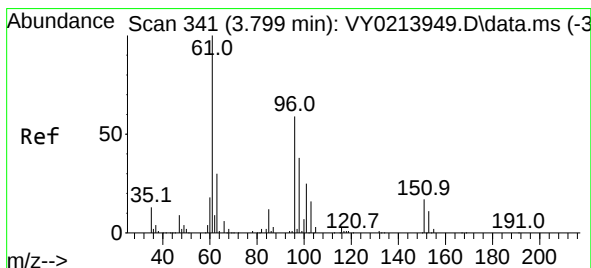
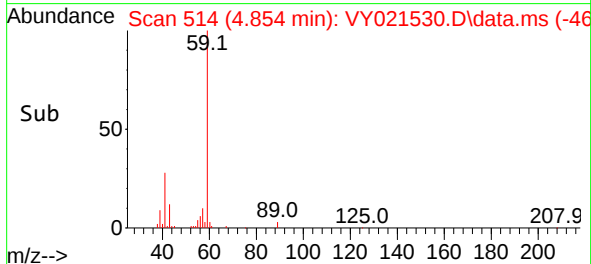
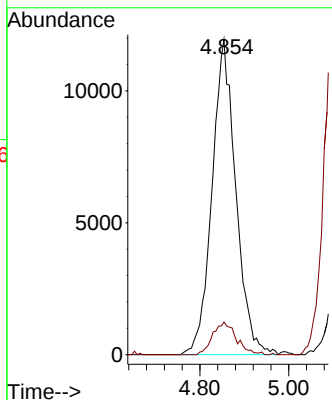
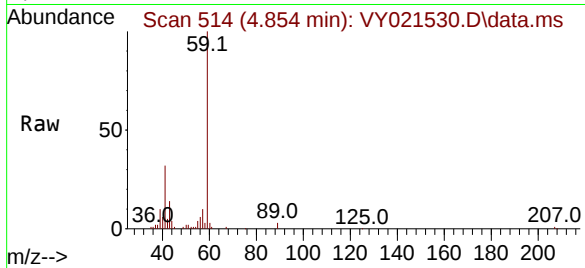




#11
Tert butyl alcohol
Concen: 315.525 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

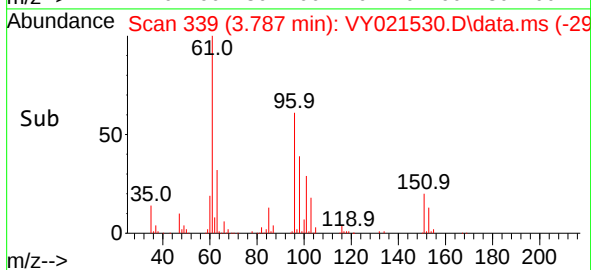
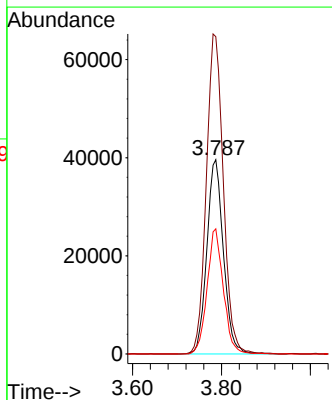
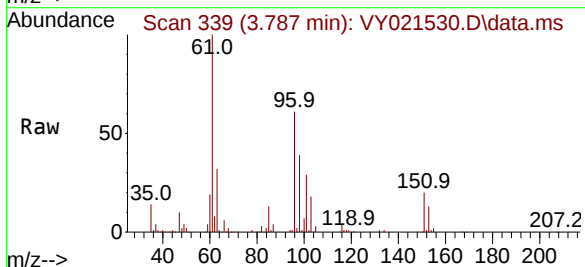
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

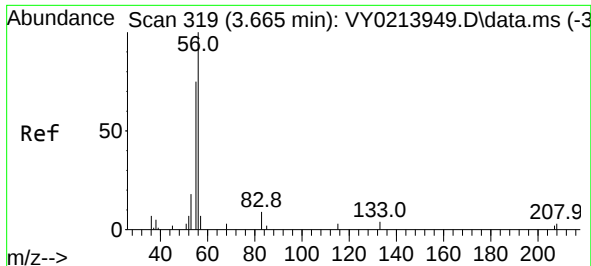
Tgt Ion: 59 Resp: 44382
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.112 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 96 Resp: 103090
Ion Ratio Lower Upper
96 100
61 163.4 135.2 202.8
98 64.4 51.4 77.2

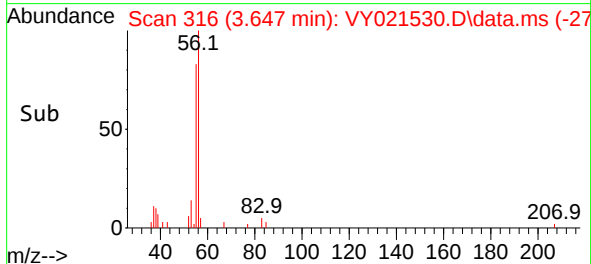
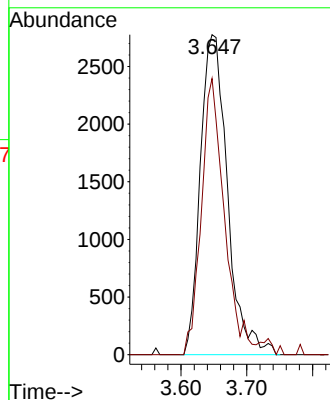
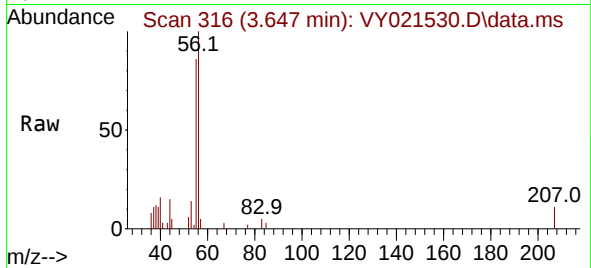




#13
Acrolein
Concen: 70.752 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.018 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

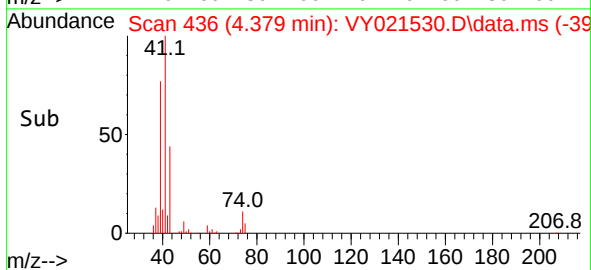
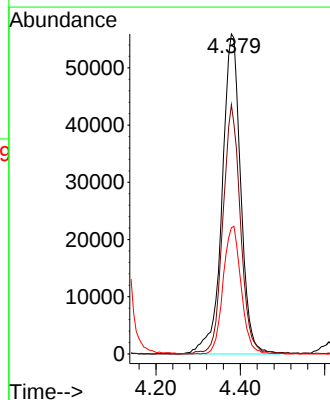
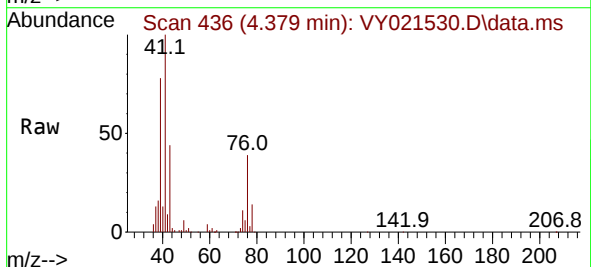
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

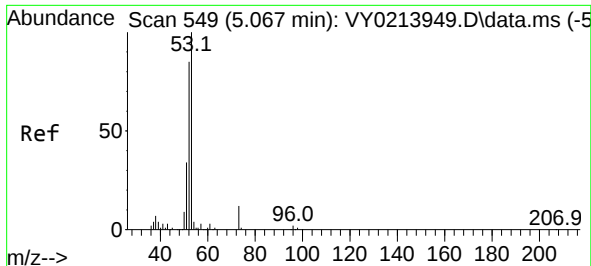
Tgt Ion: 56 Resp: 7934
Ion Ratio Lower Upper
56 100
55 73.4 63.4 95.2



#14
Allyl chloride
Concen: 49.286 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 41 Resp: 170662
Ion Ratio Lower Upper
41 100
39 73.6 59.3 88.9
76 38.6 29.8 44.8

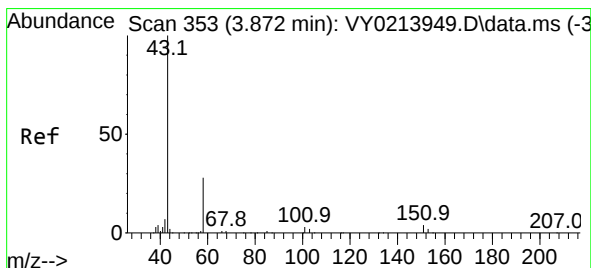
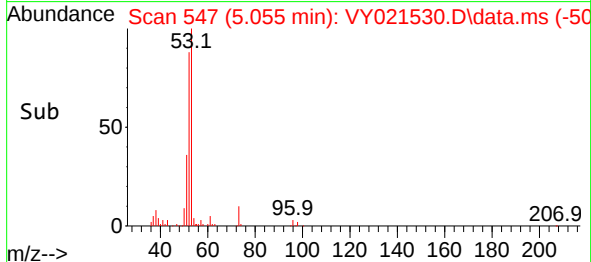
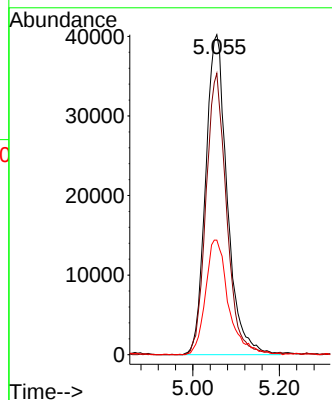
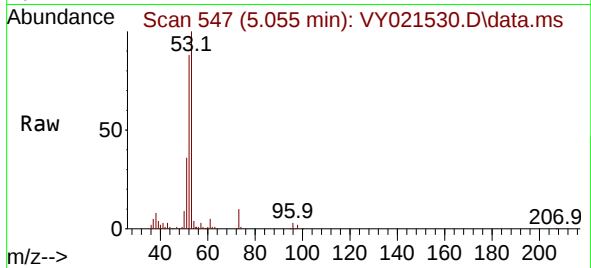




#15
Acrylonitrile
Concen: 286.784 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

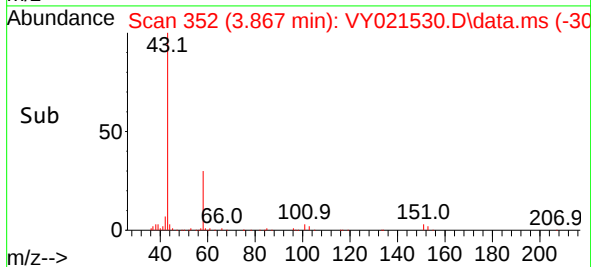
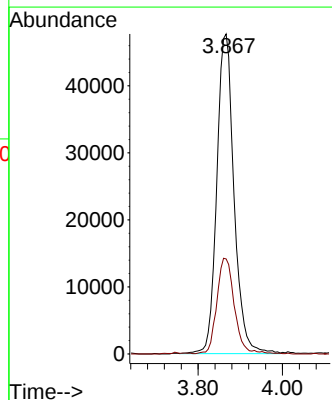
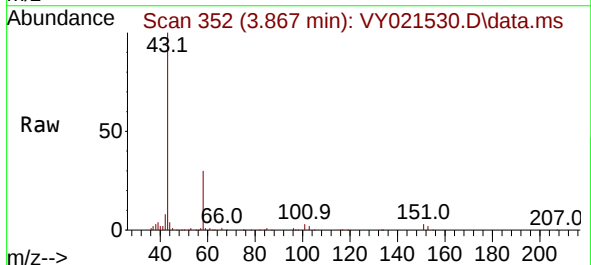
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

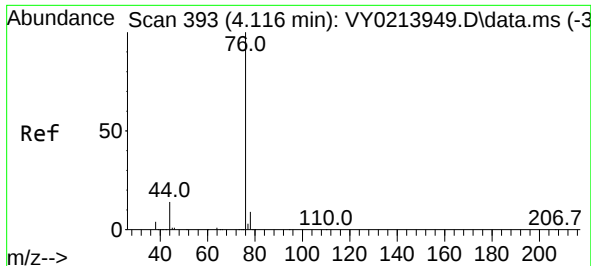
Tgt Ion: 53 Resp: 139266
Ion Ratio Lower Upper
53 100
52 83.7 66.3 99.5
51 38.2 30.3 45.5



#16
Acetone
Concen: 280.383 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 43 Resp: 134826
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1

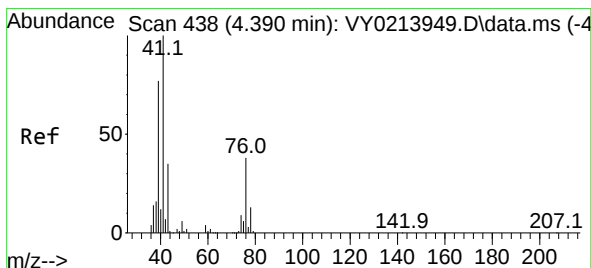
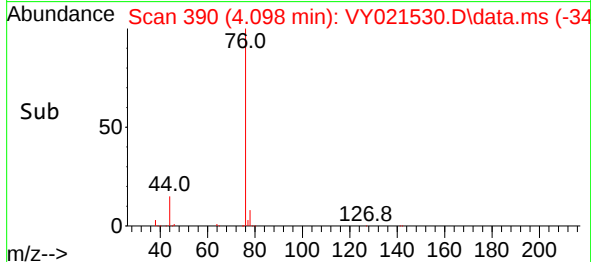
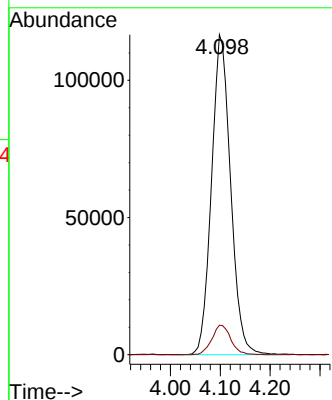
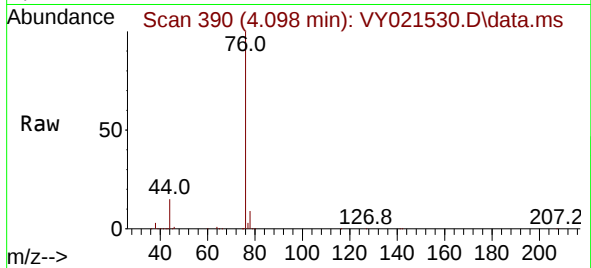




#17
Carbon Disulfide
Concen: 46.155 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

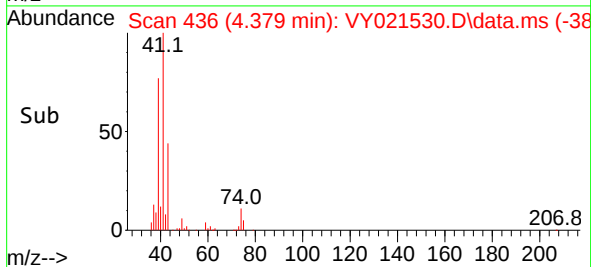
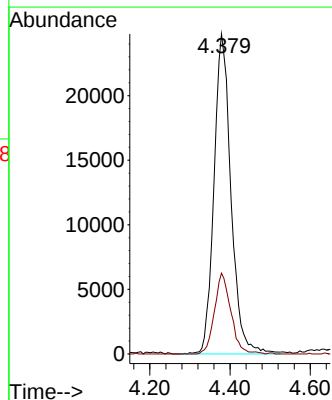
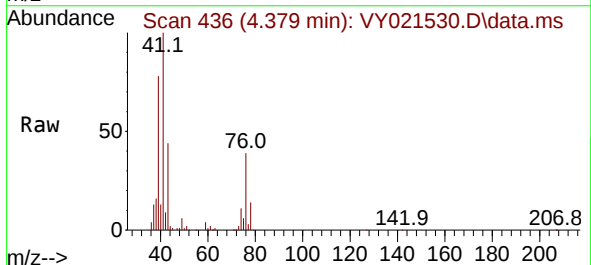
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

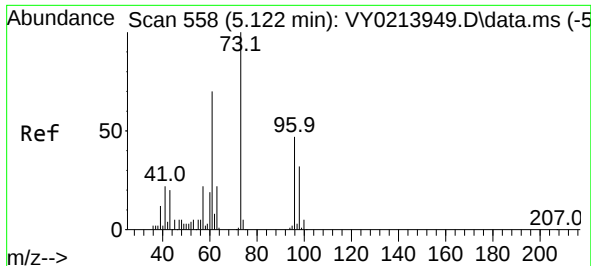
Tgt Ion: 76 Resp: 309936
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 68.389 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 43 Resp: 72968
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0

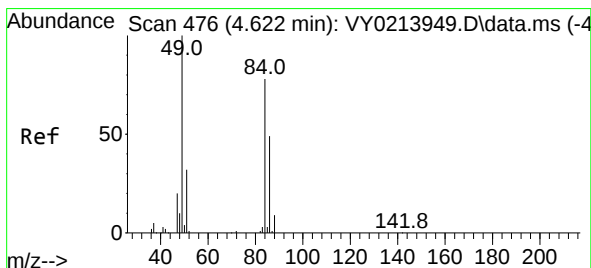
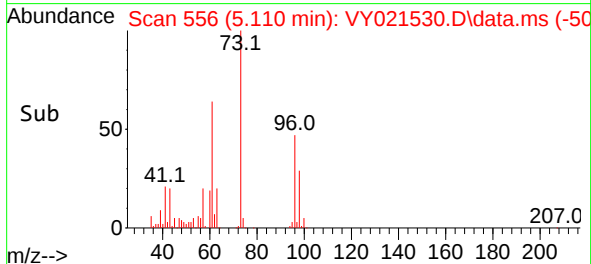
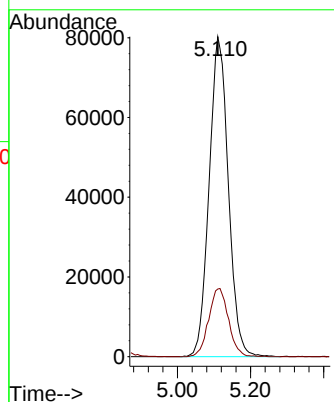
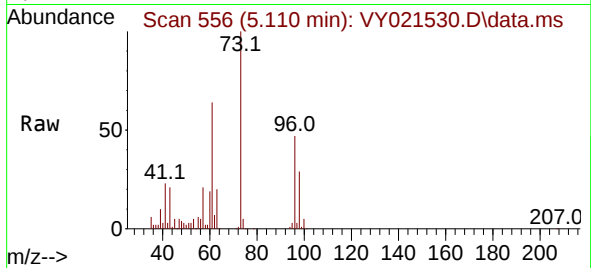




#19
Methyl tert-butyl Ether
Concen: 53.788 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

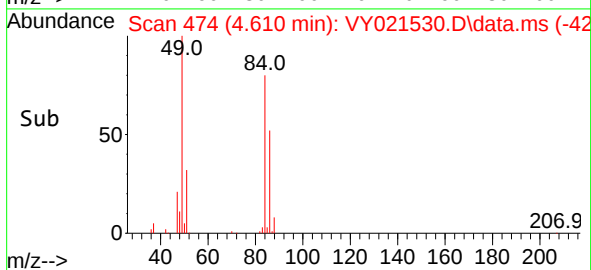
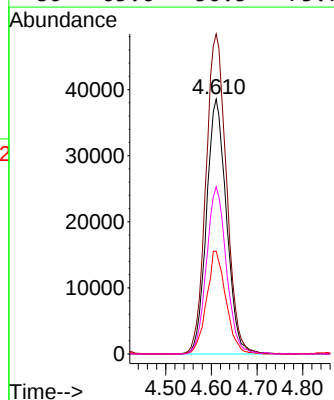
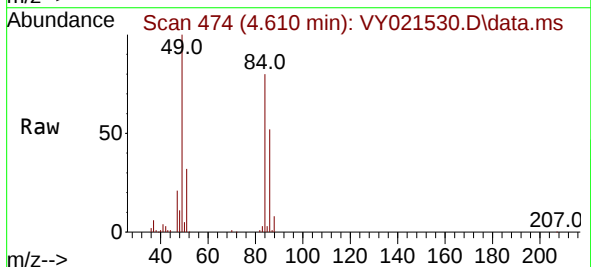
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 292115
Ion Ratio Lower Upper
73 100
57 21.2 17.9 26.9



#20
Methylene Chloride
Concen: 46.468 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 84 Resp: 117293
Ion Ratio Lower Upper
84 100
49 125.5 102.0 153.0
51 40.3 33.0 49.6
86 65.6 50.5 75.7

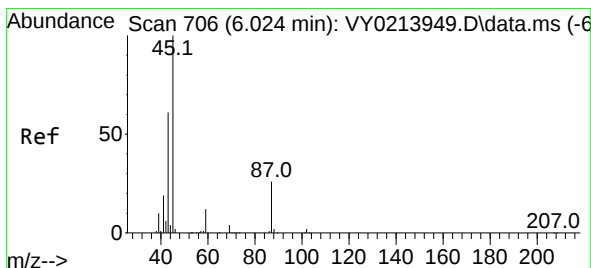
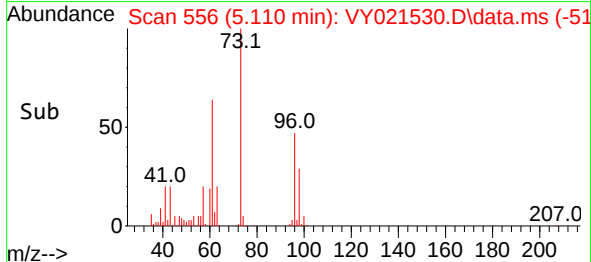
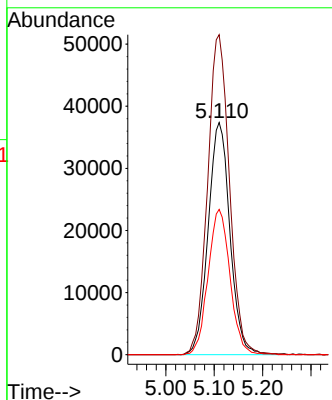
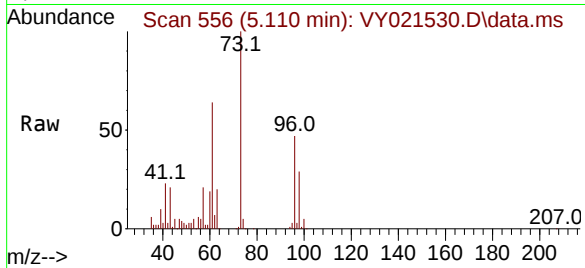




#21
trans-1,2-Dichloroethene
Concen: 48.671 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

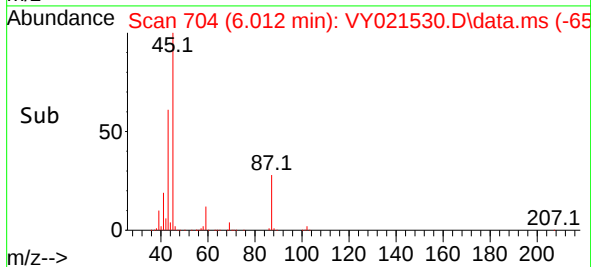
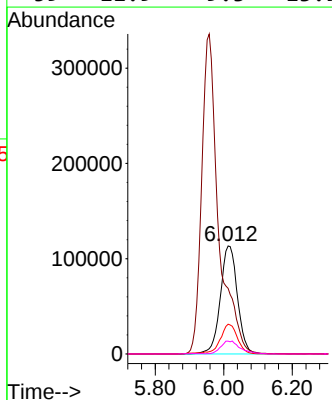
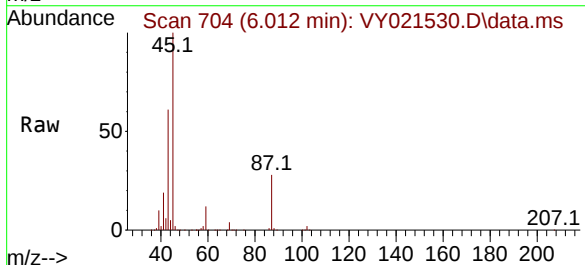
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

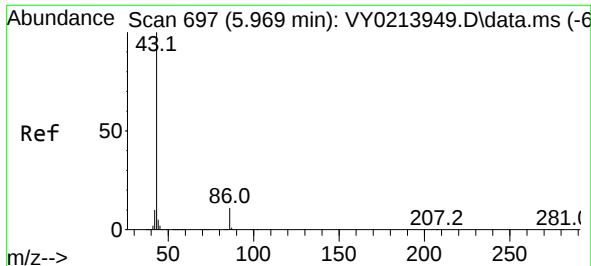
Tgt Ion: 96 Resp: 116792
Ion Ratio Lower Upper
96 100
61 137.7 111.5 167.3
98 62.5 53.8 80.8



#22
Diisopropyl ether
Concen: 52.440 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 45 Resp: 391329
Ion Ratio Lower Upper
45 100
43 60.8 48.7 73.1
87 27.5 21.5 32.3
59 11.9 9.3 13.9

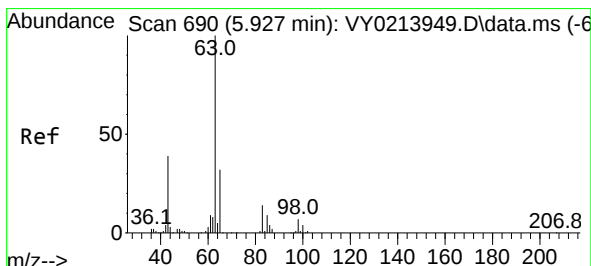
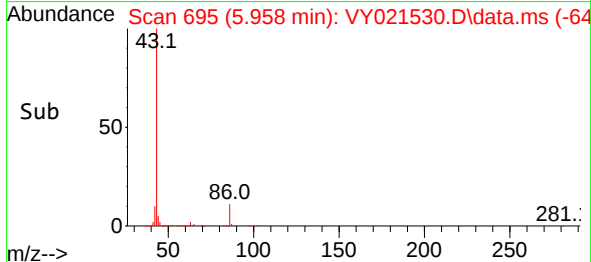
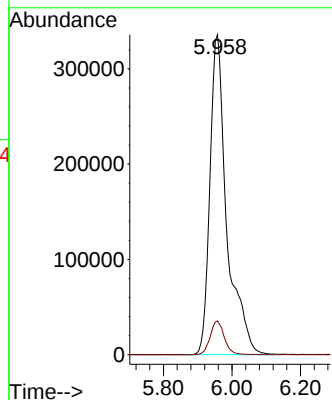
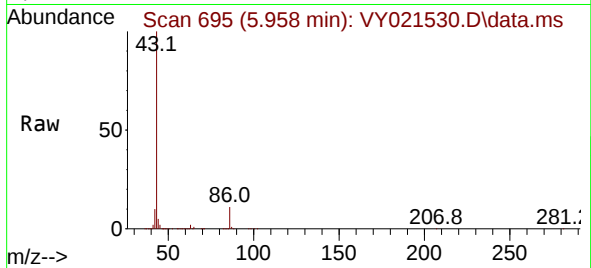




#23
 Vinyl Acetate
 Concen: 270.541 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

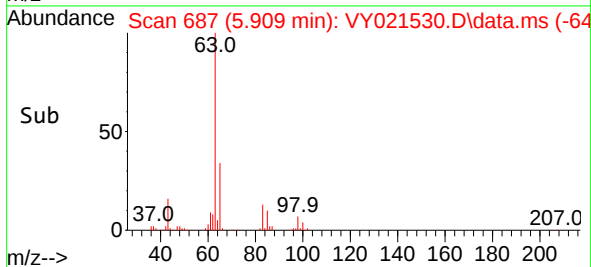
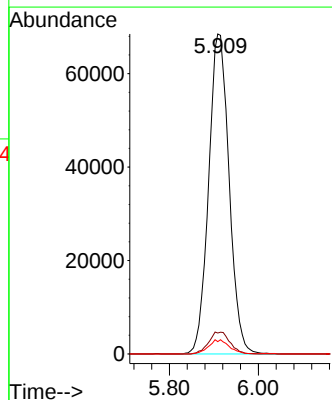
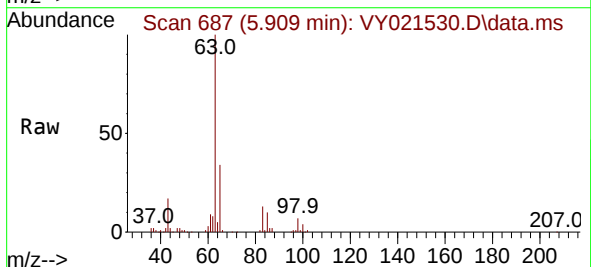
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

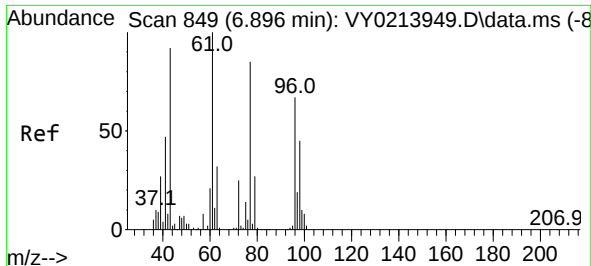
Tgt Ion: 43 Resp: 1152193
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.730 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion: 63 Resp: 219026
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 288.363 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

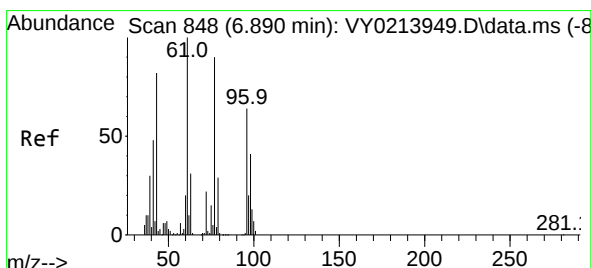
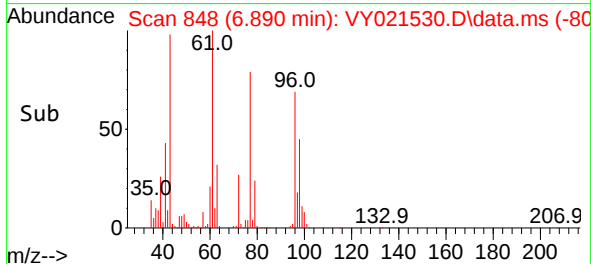
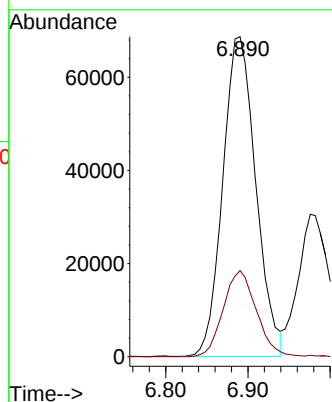
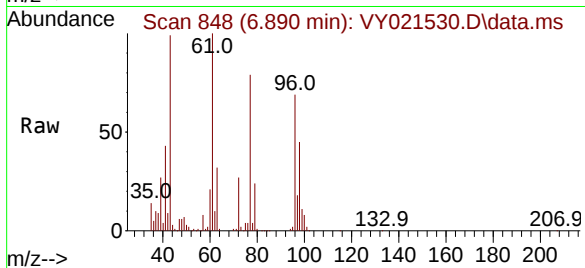
VSTDCCC050

Tgt Ion: 43 Resp: 191813

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.391 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY021530.D

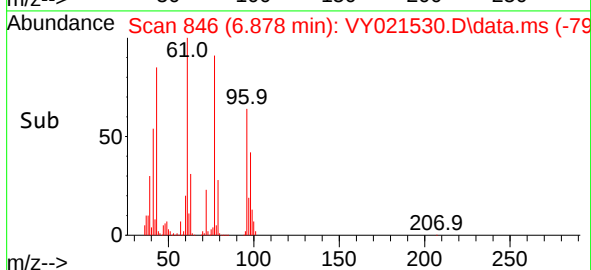
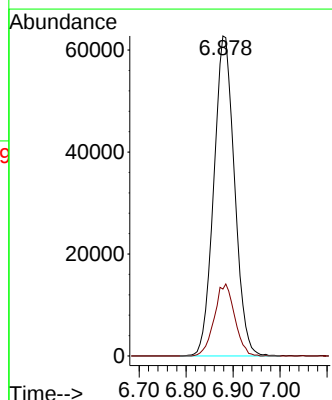
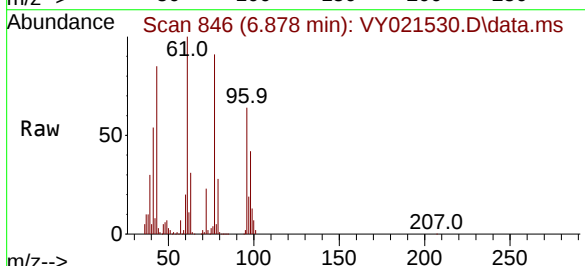
Acq: 14 Mar 2025 10:38

Tgt Ion: 77 Resp: 192050

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8

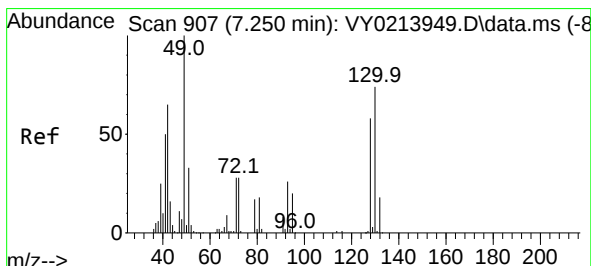
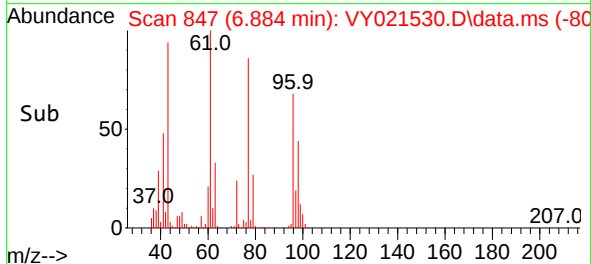
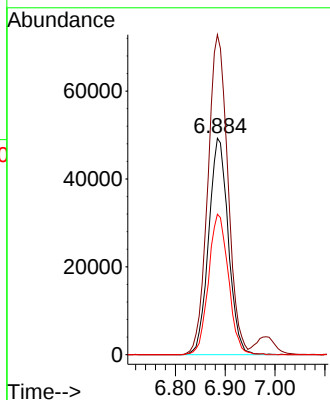
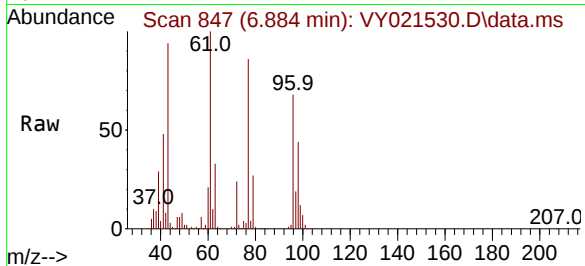




#27
 cis-1,2-Dichloroethene
 Concen: 49.372 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

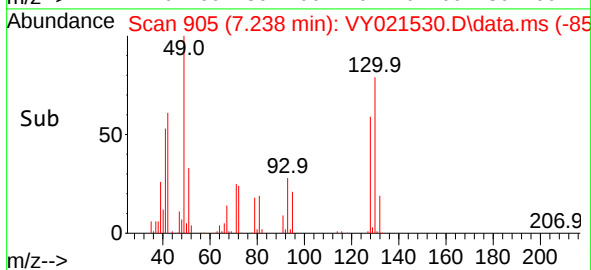
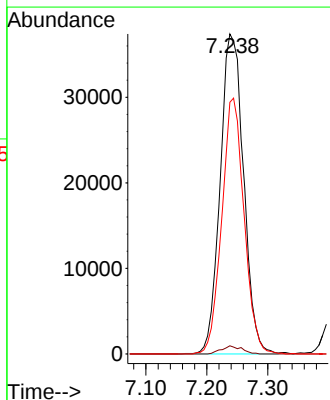
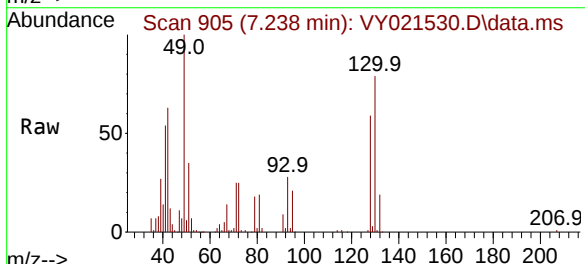
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

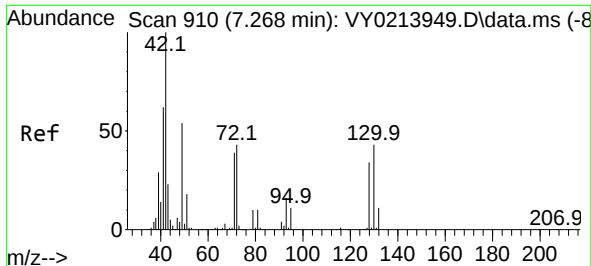
Tgt Ion: 96 Resp: 134592
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 300.8
 98 65.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 54.020 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion: 49 Resp: 99745
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 76.2 59.6 89.4





#29

Tetrahydrofuran

Concen: 298.652 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

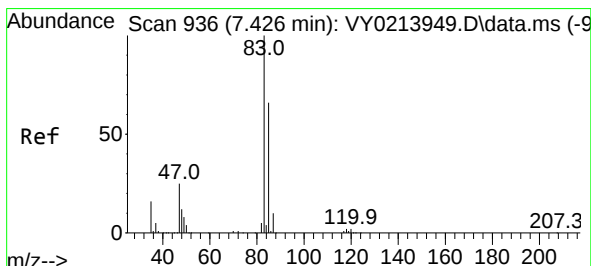
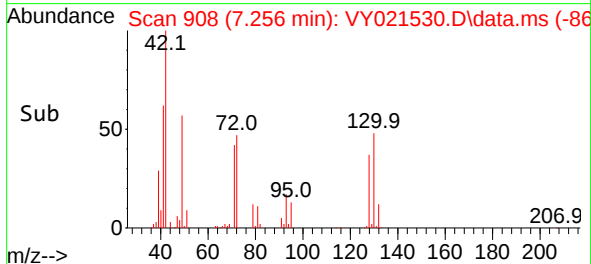
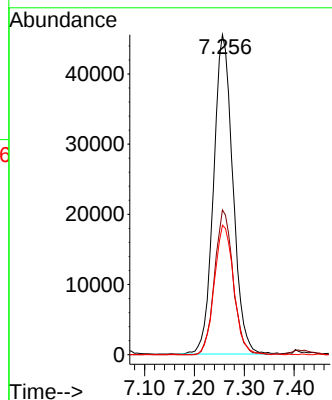
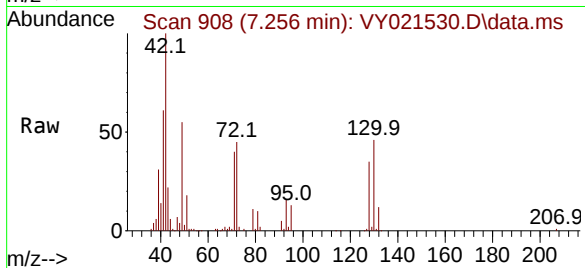
Tgt Ion: 42 Resp: 122641

Ion Ratio Lower Upper

42 100

72 43.4 34.8 52.2

71 40.6 32.6 48.8



#30

Chloroform

Concen: 50.494 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021530.D

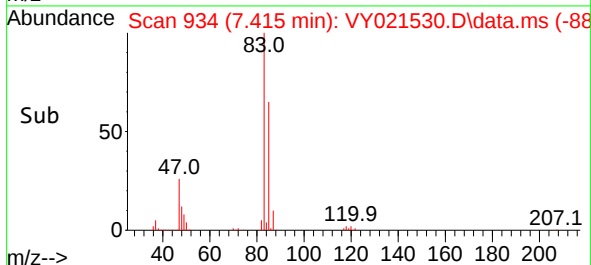
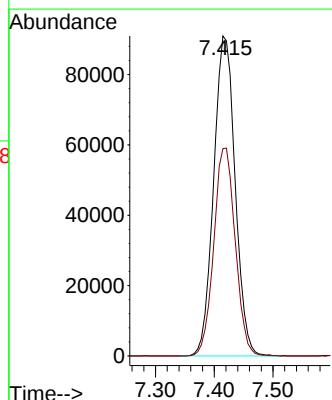
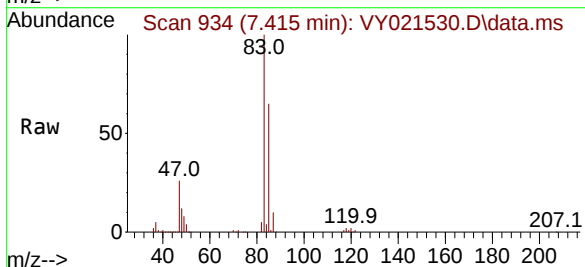
Acq: 14 Mar 2025 10:38

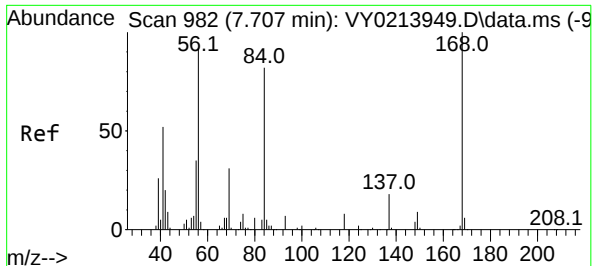
Tgt Ion: 83 Resp: 230932

Ion Ratio Lower Upper

83 100

85 64.8 53.1 79.7





#31

Cyclohexane

Concen: 44.756 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

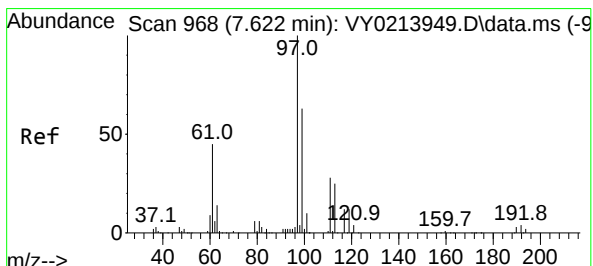
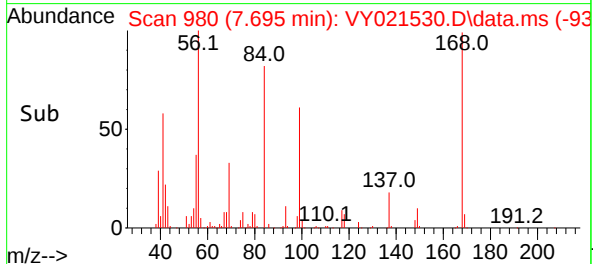
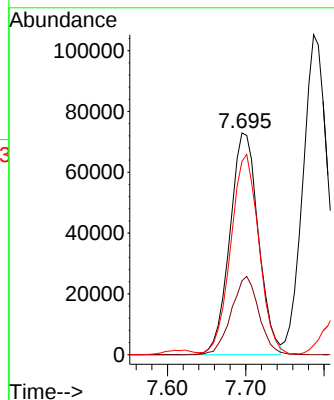
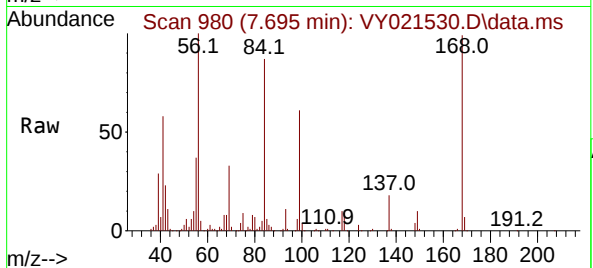
Tgt Ion: 56 Resp: 184801

Ion Ratio Lower Upper

56 100

69 33.3 27.0 40.4

84 85.4 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 48.706 ug/l

RT: 7.610 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

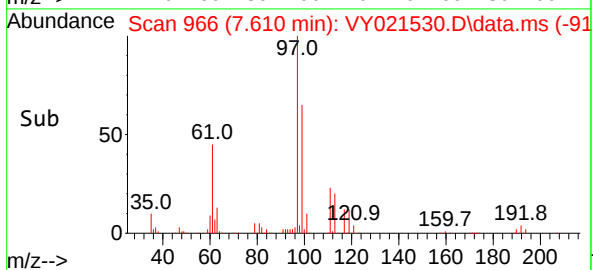
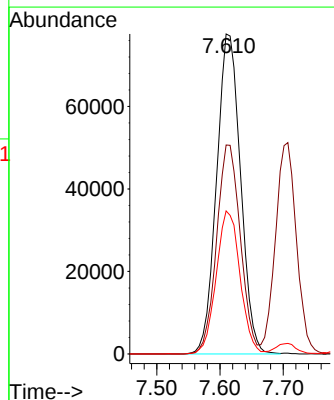
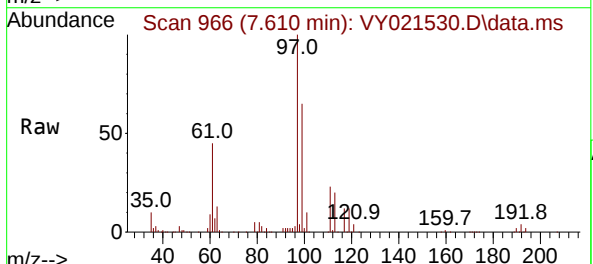
Tgt Ion: 97 Resp: 203959

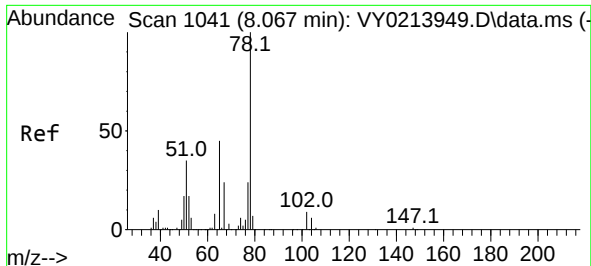
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 44.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 46.764 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

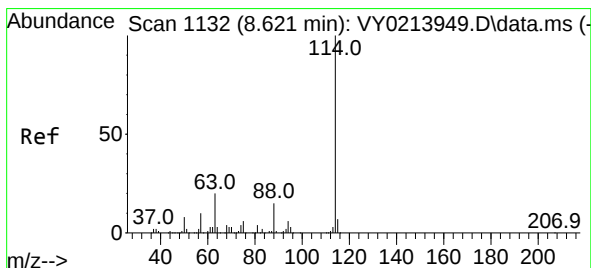
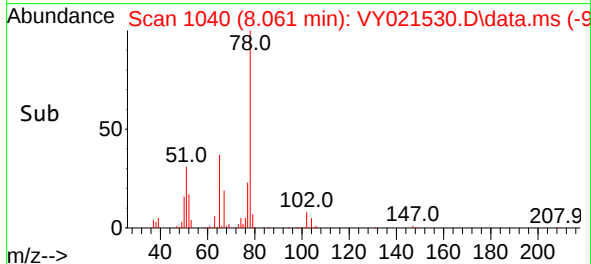
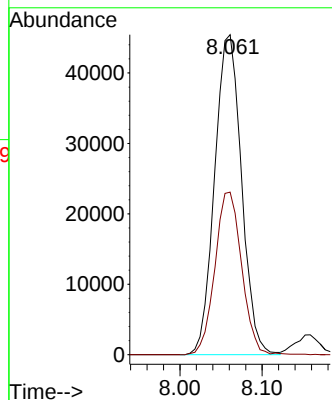
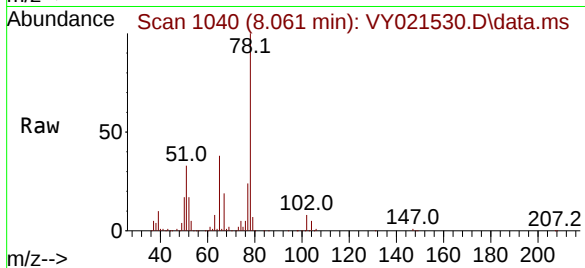
VSTDCCC050

Tgt Ion: 65 Resp: 103101

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

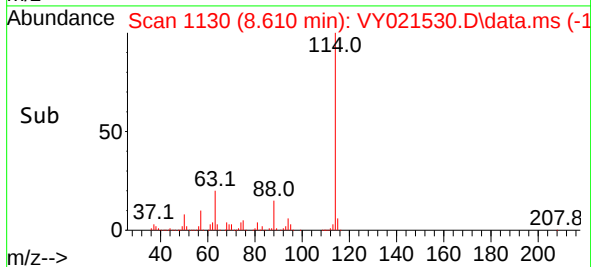
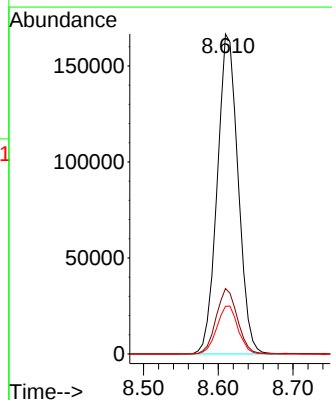
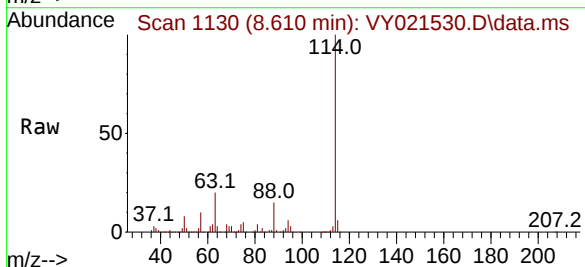
Tgt Ion:114 Resp: 323692

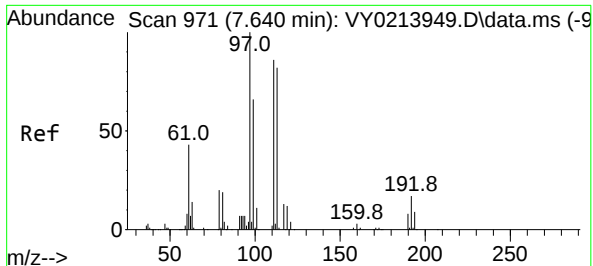
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.294 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

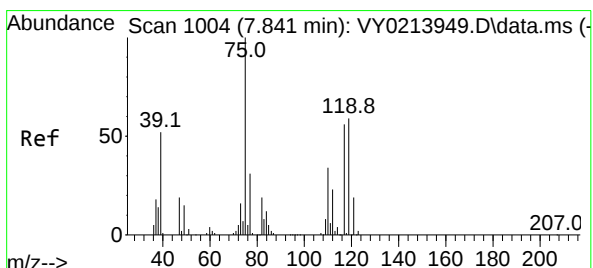
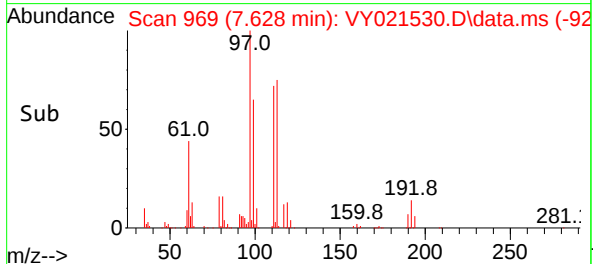
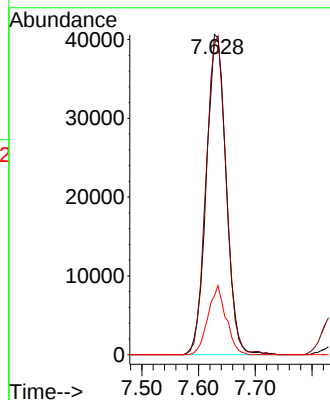
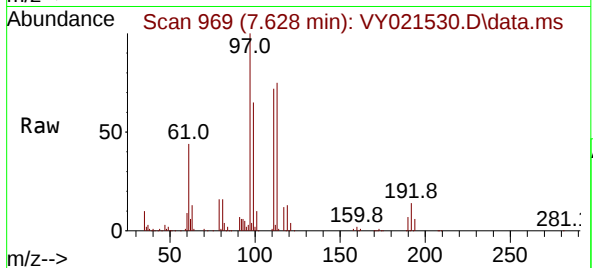
Tgt Ion:113 Resp: 98499

Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 47.260 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

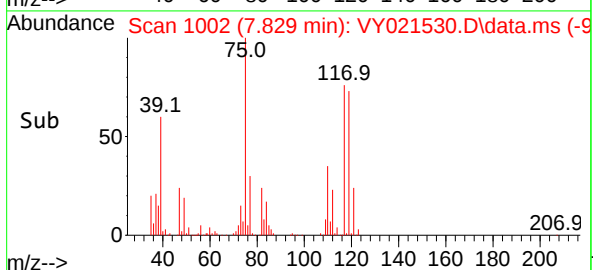
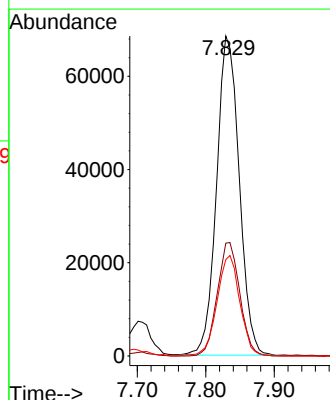
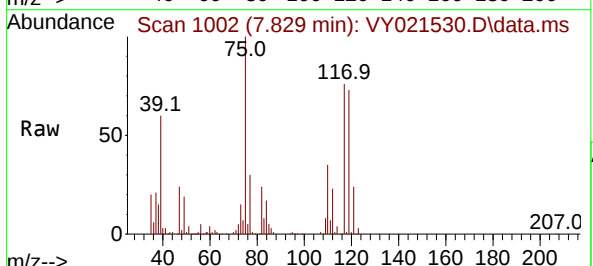
Tgt Ion: 75 Resp: 157397

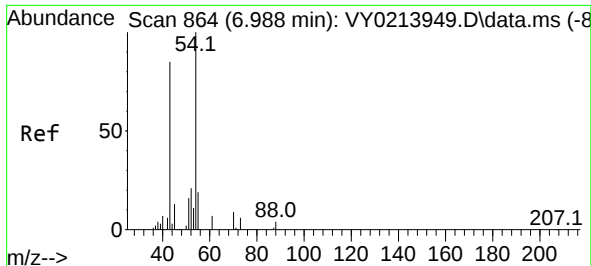
Ion Ratio Lower Upper

75 100

110 35.2 17.3 51.7

77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 56.529 ug/l

RT: 6.976 min Scan# 81

Delta R.T. -0.012 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

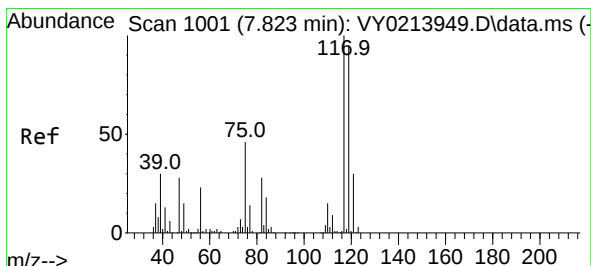
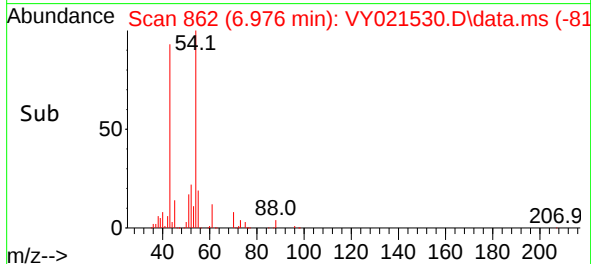
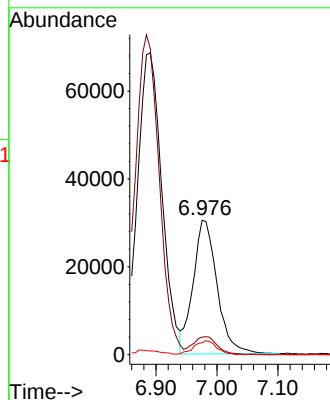
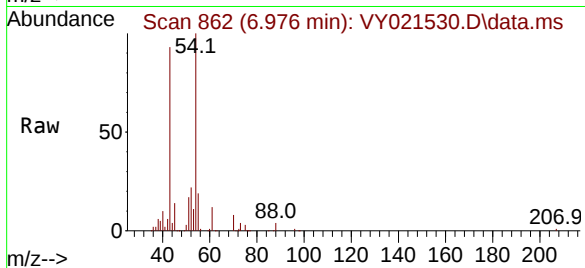
Tgt Ion: 43 Resp: 83213

Ion Ratio Lower Upper

43 100

61 13.3 11.4 17.0

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.765 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

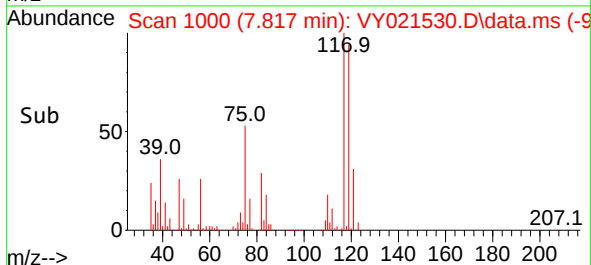
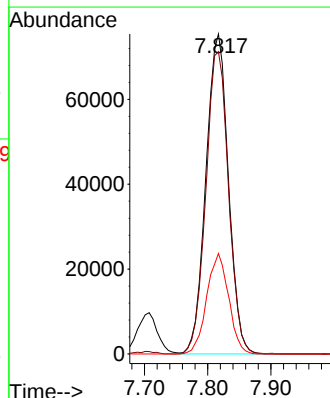
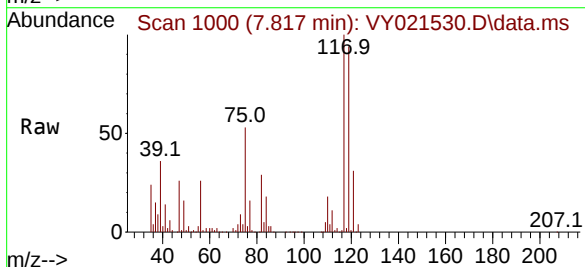
Tgt Ion: 117 Resp: 186786

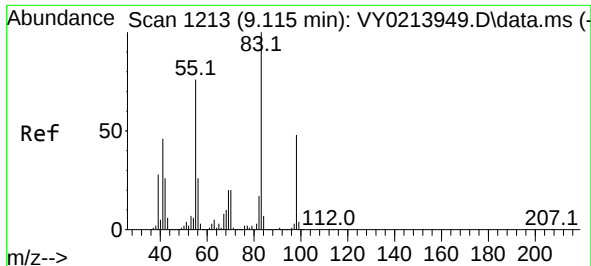
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.8

121 31.4 23.9 35.9





#39

Methylcyclohexane

Concen: 47.987 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

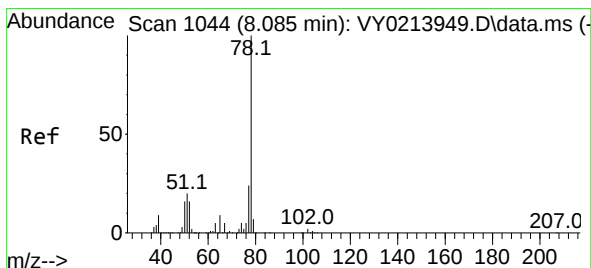
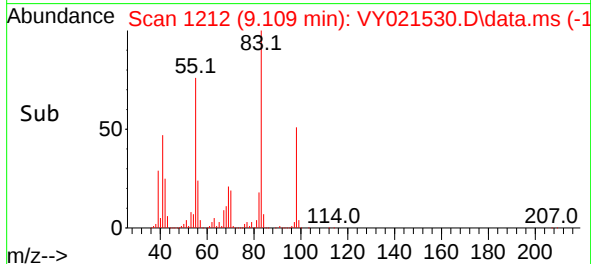
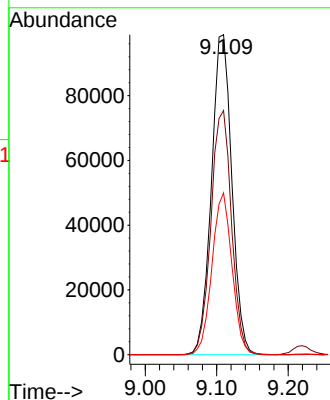
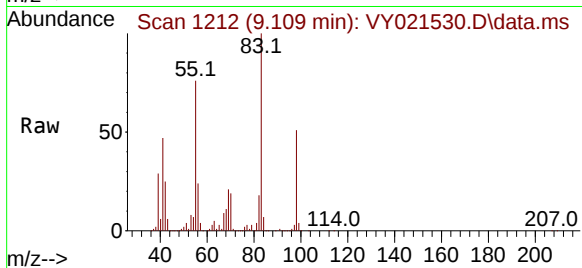
Tgt Ion: 83 Resp: 196037

Ion Ratio Lower Upper

83 100

55 76.3 60.7 91.1

98 50.6 38.6 57.8



#40

Benzene

Concen: 49.519 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021530.D

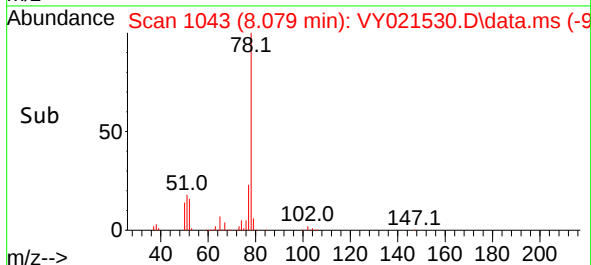
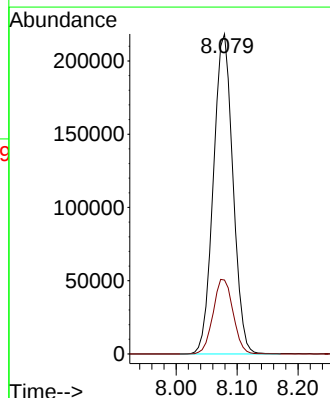
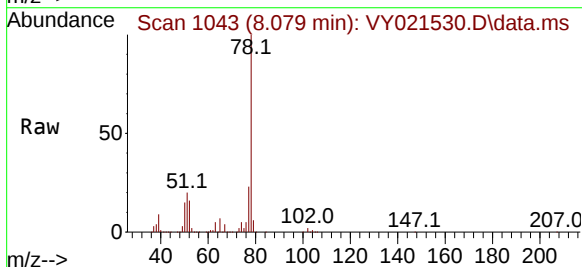
Acq: 14 Mar 2025 10:38

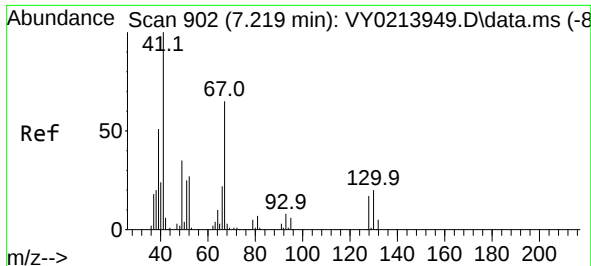
Tgt Ion: 78 Resp: 485824

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

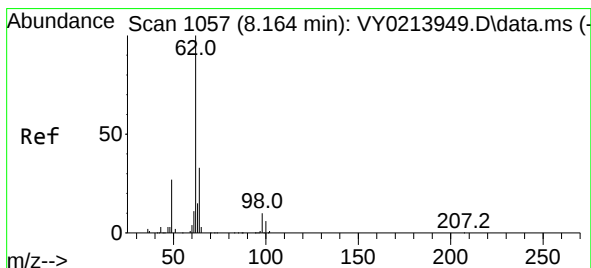
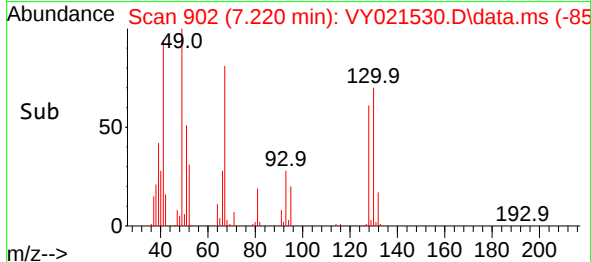
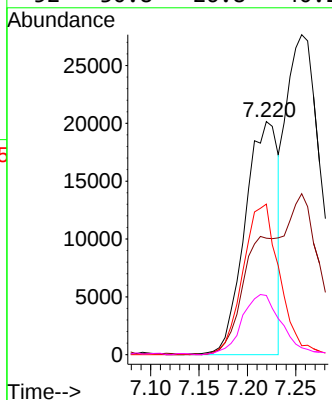
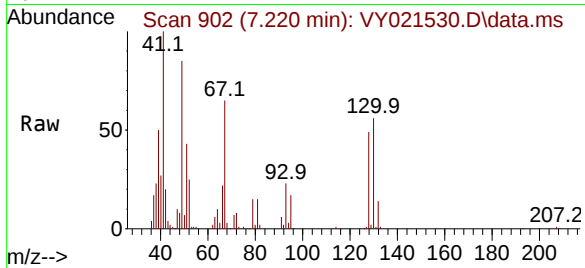




#41
Methacrylonitrile
Concen: 59.738 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

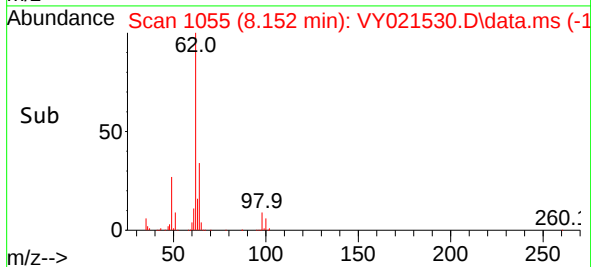
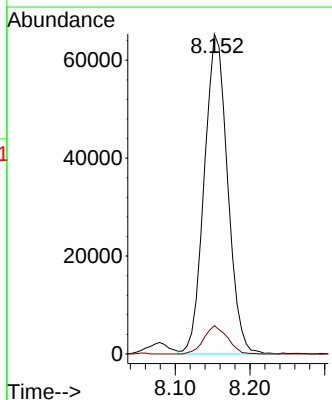
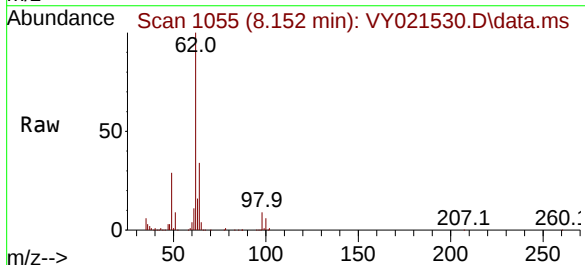
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

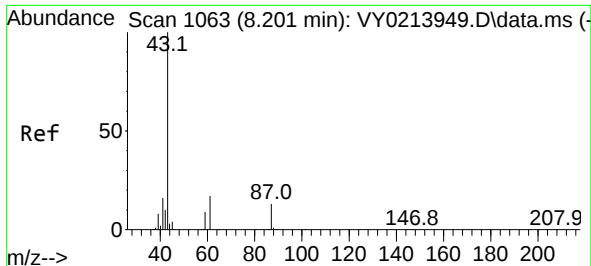
Tgt Ion:	41	Resp:	47881
Ion	Ratio	Lower	Upper
41	100		
39	47.2	35.0	52.6
67	71.7	61.2	91.8
52	30.8	26.8	40.2



#42
1,2-Dichloroethane
Concen: 51.630 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:	62	Resp:	141706
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2

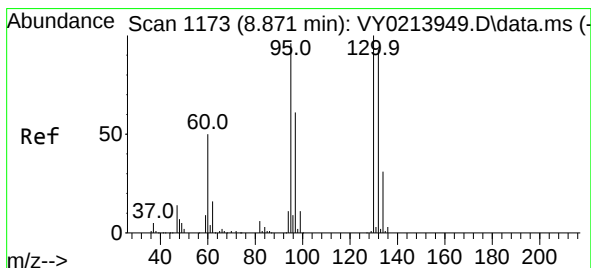
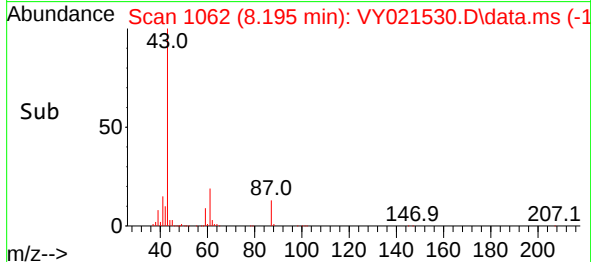
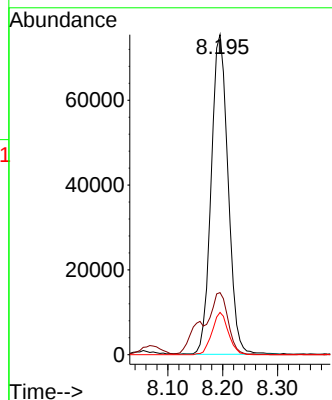
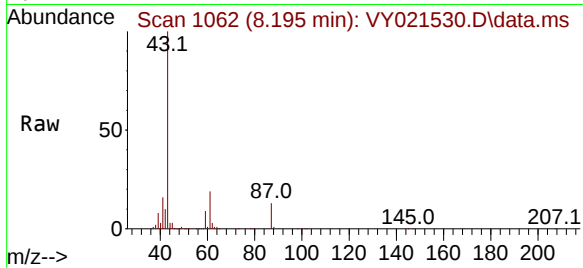




#43
Isopropyl Acetate
Concen: 56.310 ug/l
RT: 8.195 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

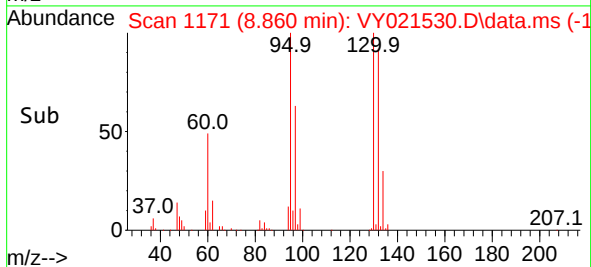
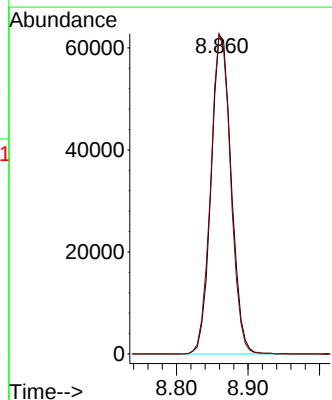
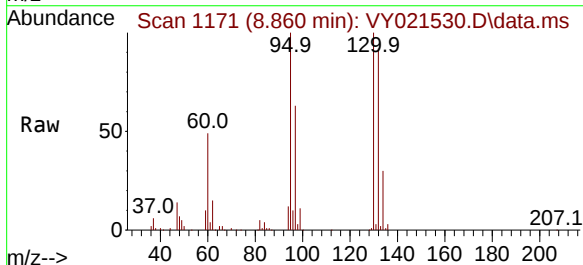
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

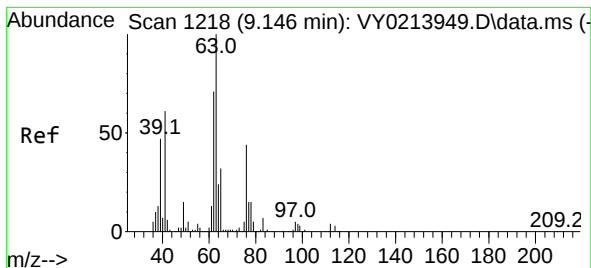
Tgt Ion: 43 Resp: 160909
Ion Ratio Lower Upper
43 100
61 20.8 23.4 35.0#
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 49.482 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:130 Resp: 122676
Ion Ratio Lower Upper
130 100
95 100.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.921 ug/l

RT: 9.140 min Scan# 1189

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

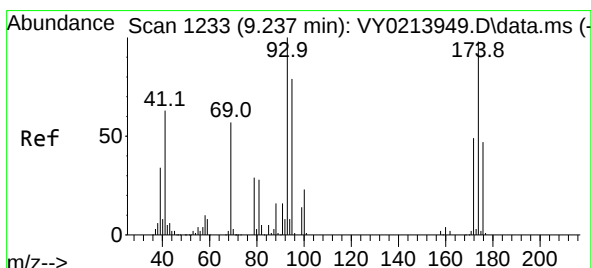
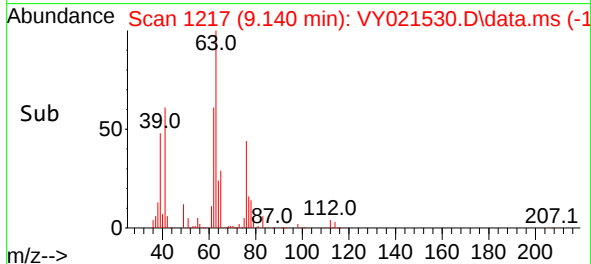
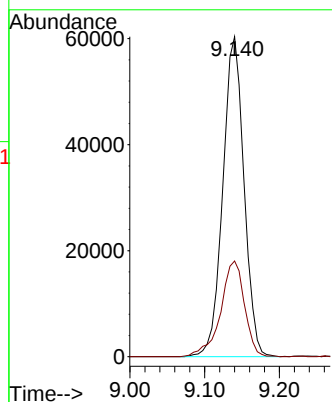
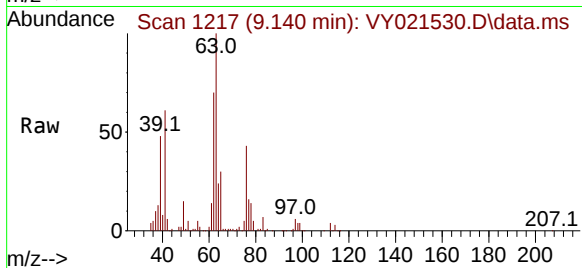
VSTDCCC050

Tgt Ion: 63 Resp: 118900

Ion Ratio Lower Upper

63 100

65 29.9 26.0 39.0



#46

Dibromomethane

Concen: 54.410 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

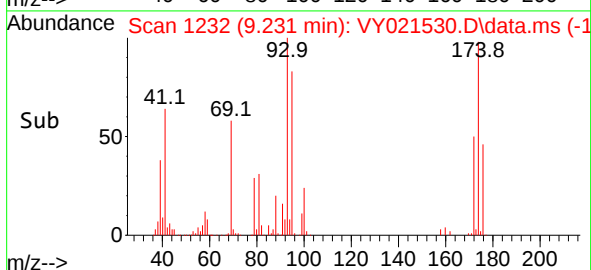
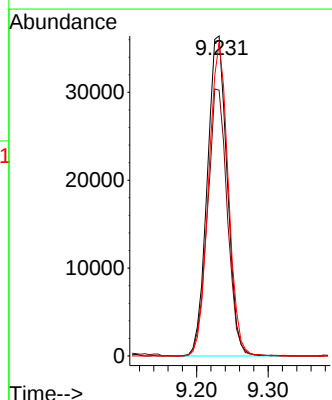
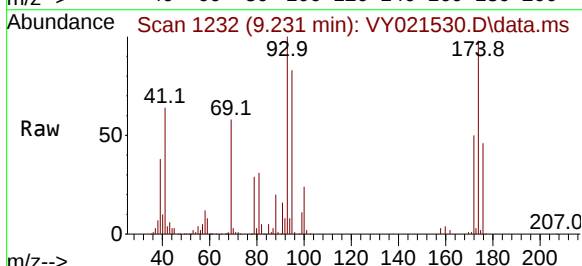
Tgt Ion: 93 Resp: 70690

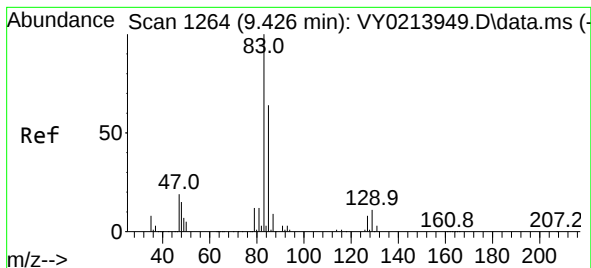
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 95.7 77.9 116.9





#47

Bromodichloromethane

Concen: 52.159 ug/l

RT: 9.420 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

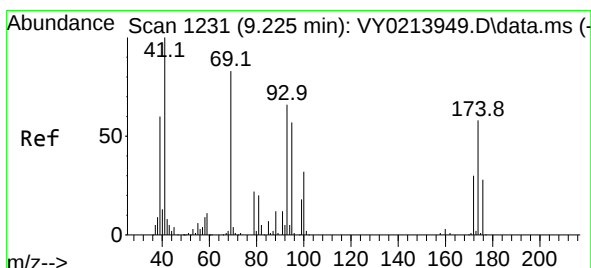
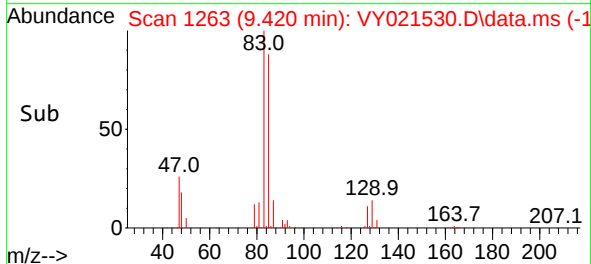
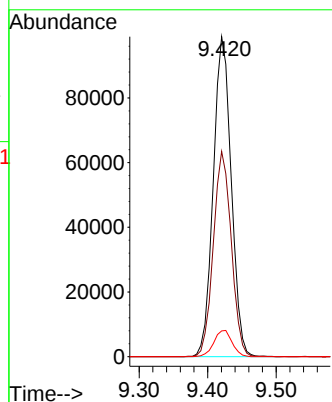
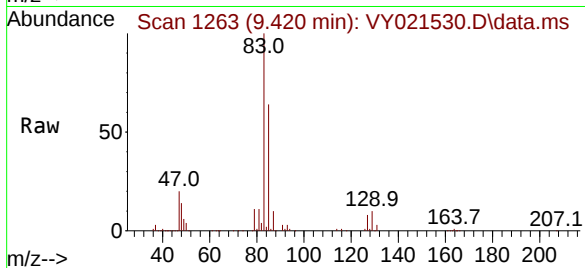
Tgt Ion: 83 Resp: 179964

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

127 8.1 6.7 10.1



#48

Methyl methacrylate

Concen: 56.436 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

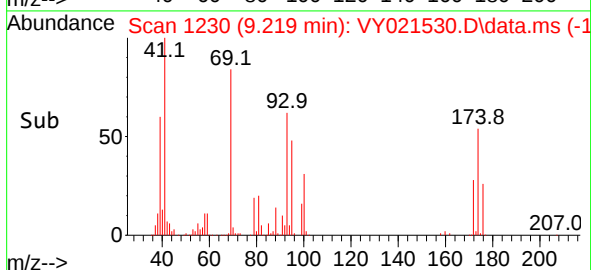
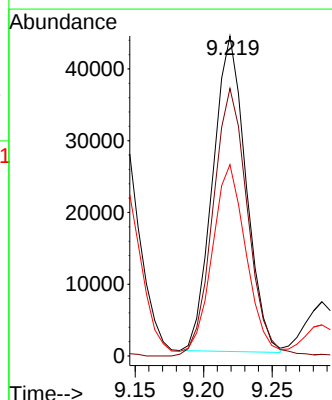
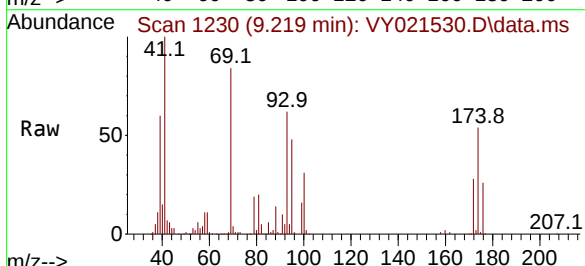
Tgt Ion: 41 Resp: 74054

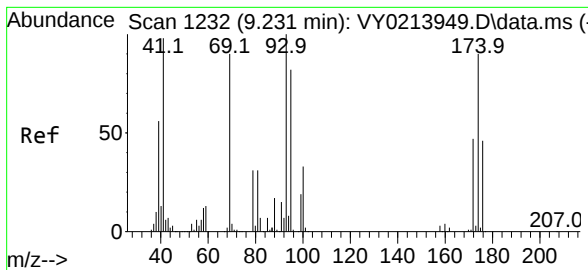
Ion Ratio Lower Upper

41 100

69 89.2 67.8 101.8

39 59.3 46.4 69.6

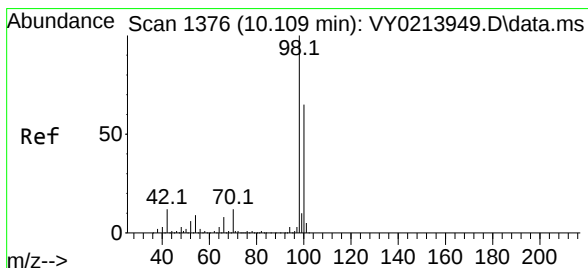
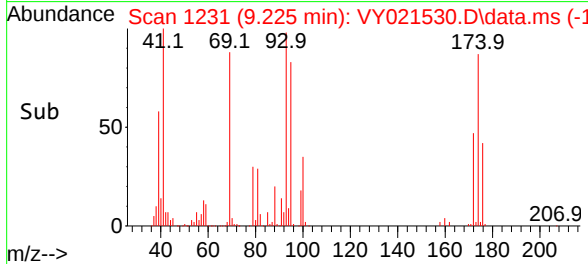
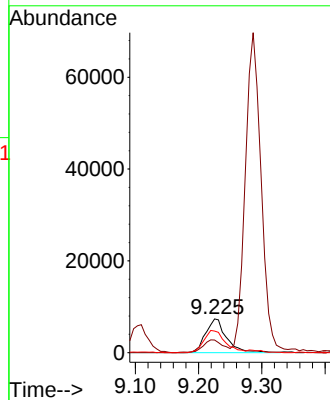
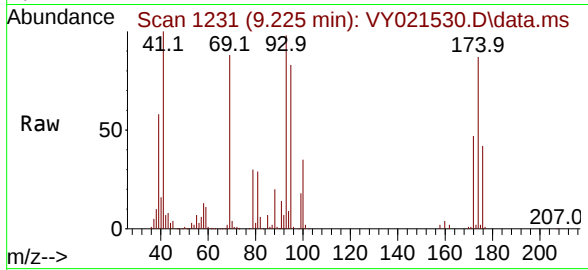




#49
1,4-Dioxane
Concen: 1335.615 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

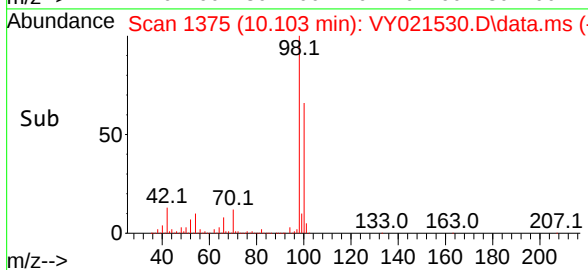
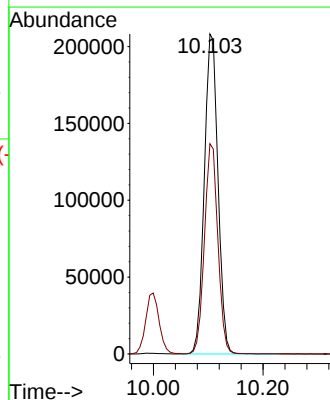
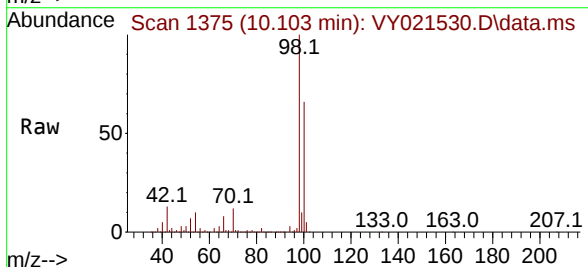
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

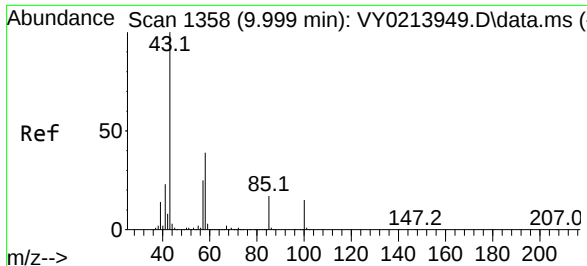
Tgt Ion: 88 Resp: 17032
Ion Ratio Lower Upper
88 100
43 36.3 25.0 37.4
58 66.6 58.4 87.6



#50
Toluene-d8
Concen: 44.658 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 98 Resp: 359767
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

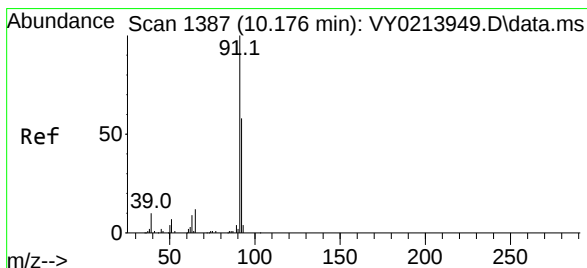
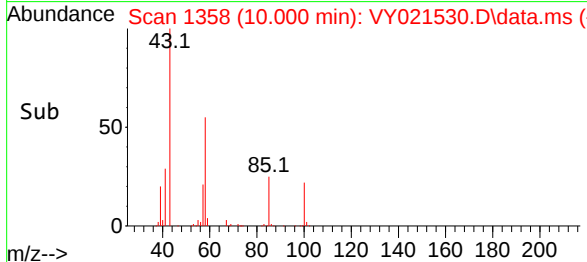
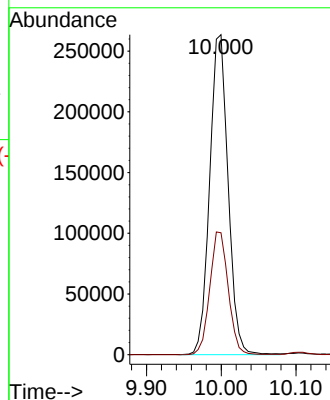
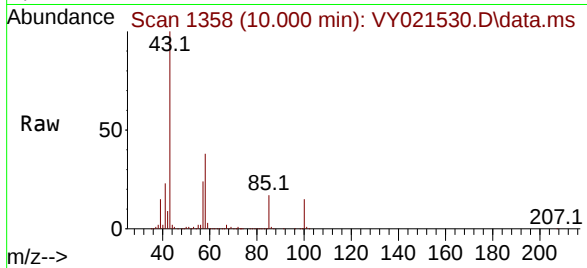




#51
4-Methyl-2-Pentanone
Concen: 305.741 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

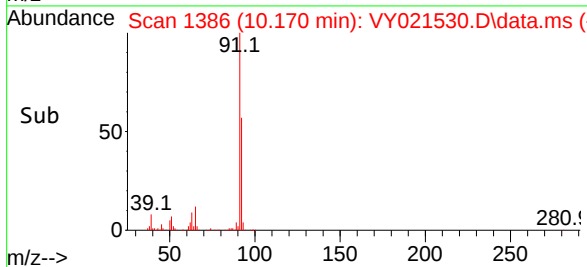
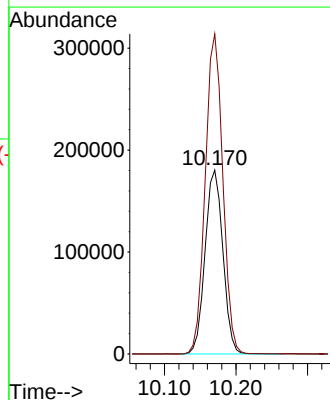
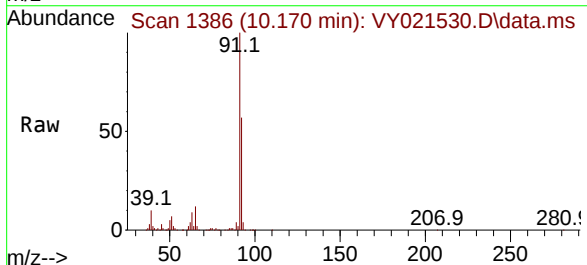
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

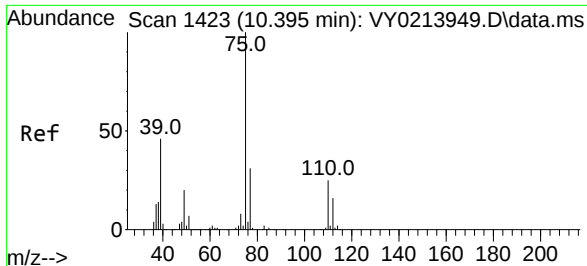
Tgt Ion: 43 Resp: 450790
Ion Ratio Lower Upper
43 100
58 38.5 31.4 47.2



#52
Toluene
Concen: 50.373 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 92 Resp: 311576
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2

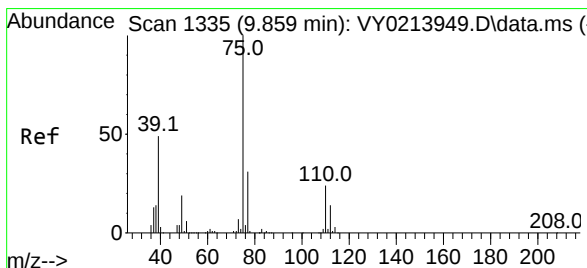
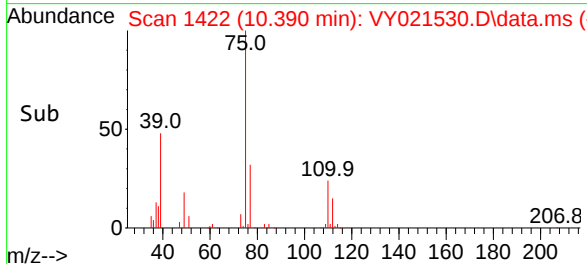
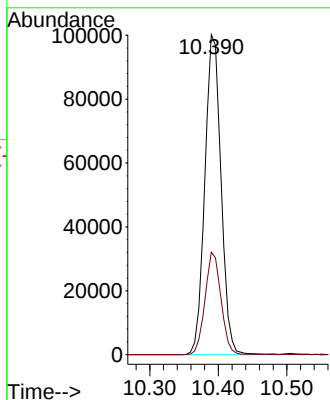
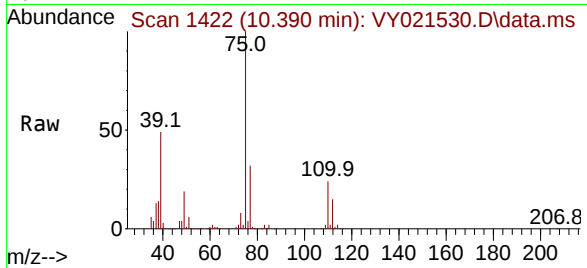




#53
 t-1,3-Dichloropropene
 Concen: 54.238 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

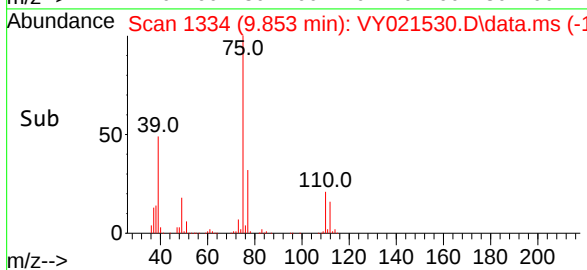
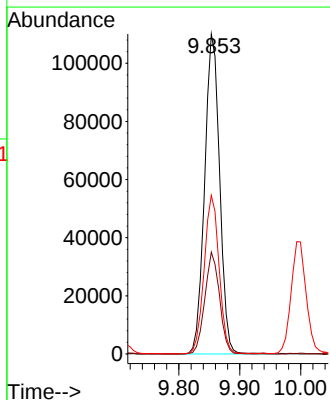
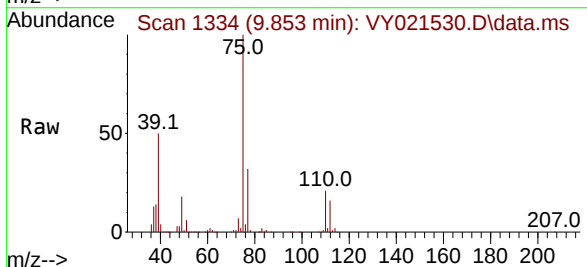
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

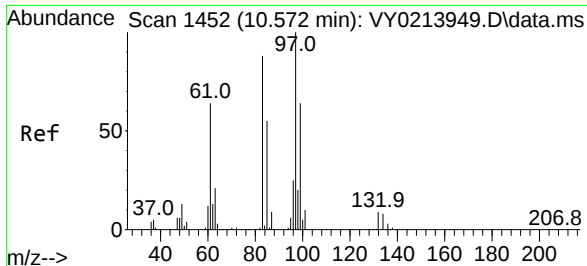
Tgt Ion: 75 Resp: 164871
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.266 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion: 75 Resp: 188629
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 49.5 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 53.882 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 91572

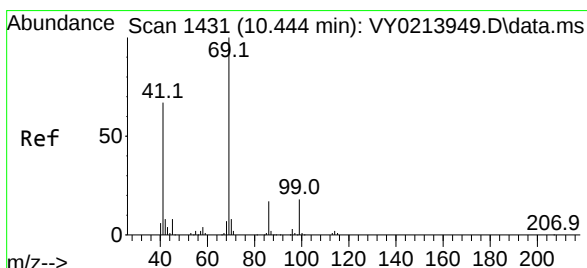
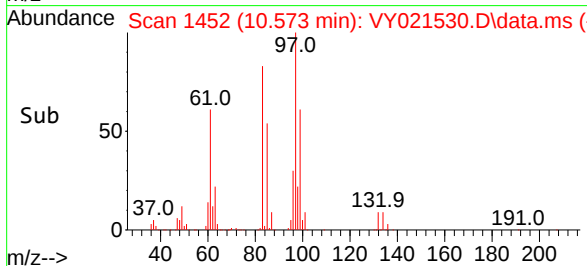
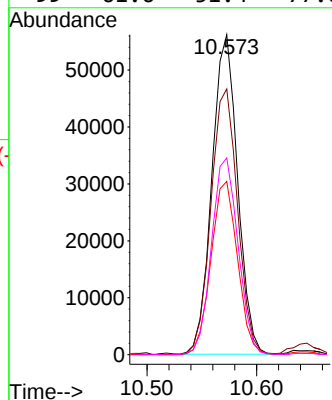
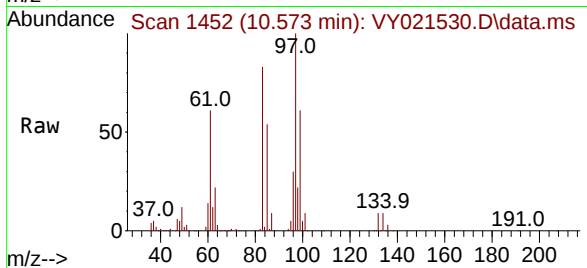
Ion Ratio Lower Upper

97 100

83 83.0 70.0 105.0

85 54.2 44.3 66.5

99 61.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 58.822 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

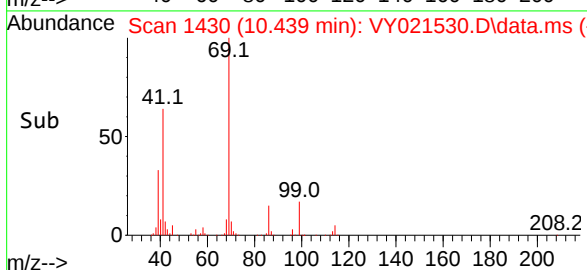
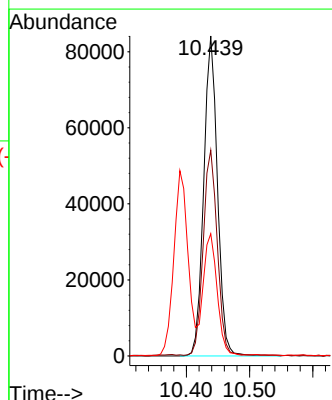
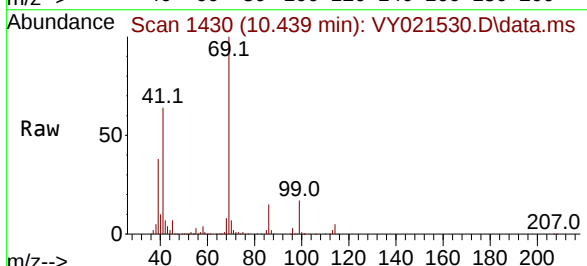
Tgt Ion: 69 Resp: 127494

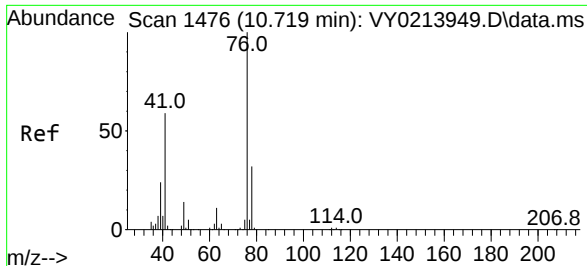
Ion Ratio Lower Upper

69 100

41 65.4 53.3 79.9

39 38.6 31.0 46.6





#57

1,3-Dichloropropane

Concen: 53.893 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

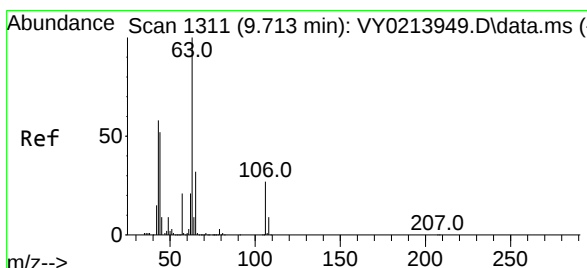
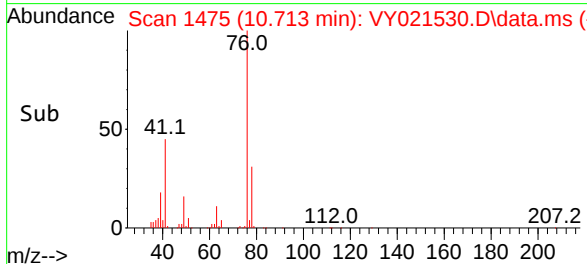
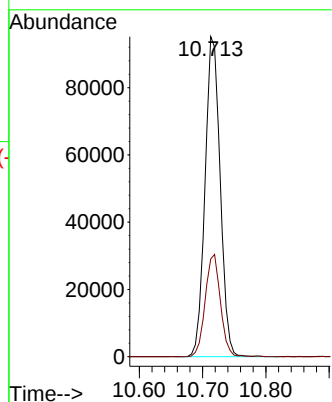
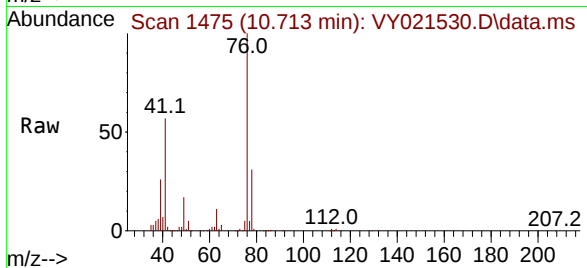
VSTDCCC050

Tgt Ion: 76 Resp: 158743

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 276.155 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021530.D

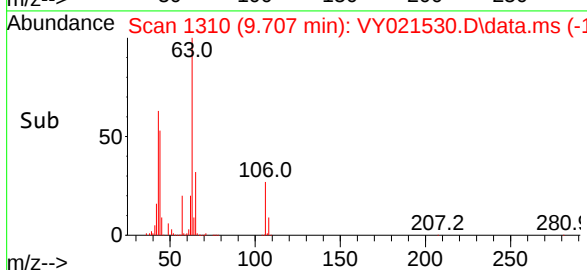
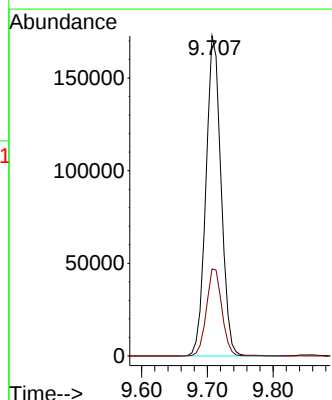
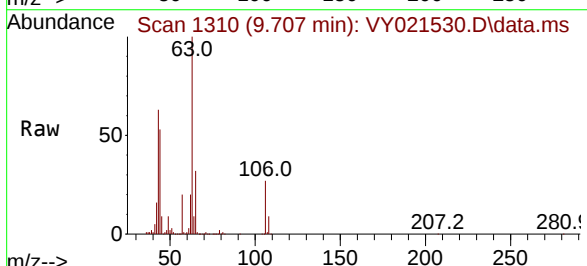
Acq: 14 Mar 2025 10:38

Tgt Ion: 63 Resp: 276308

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1





#59

2-Hexanone

Concen: 315.885 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

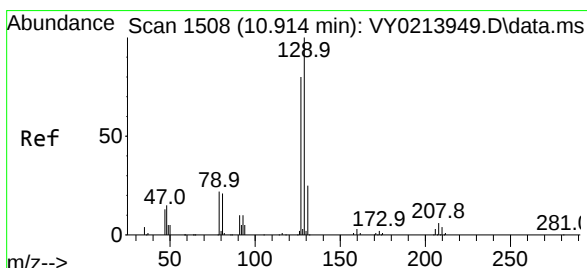
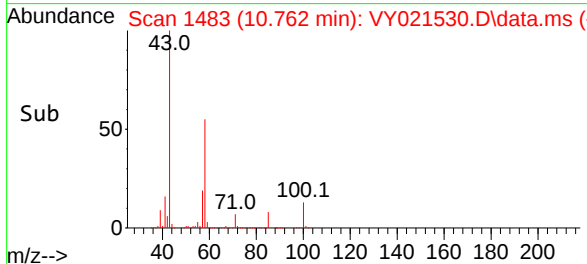
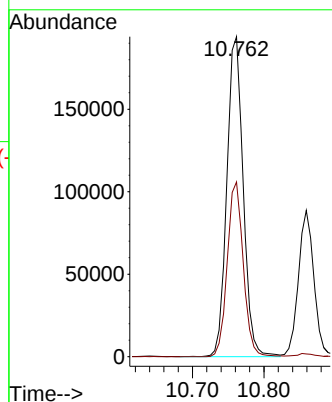
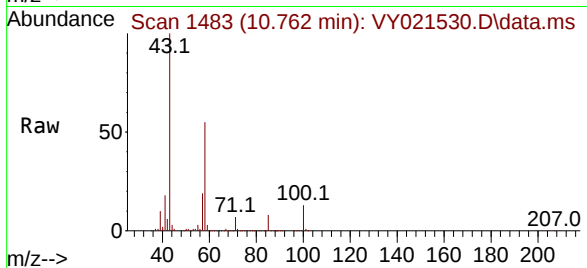
VSTDCCC050

Tgt Ion: 43 Resp: 307963

Ion Ratio Lower Upper

43 100

58 53.4 27.3 81.8



#60

Dibromochloromethane

Concen: 53.705 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021530.D

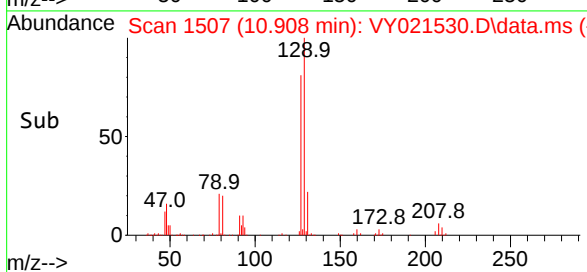
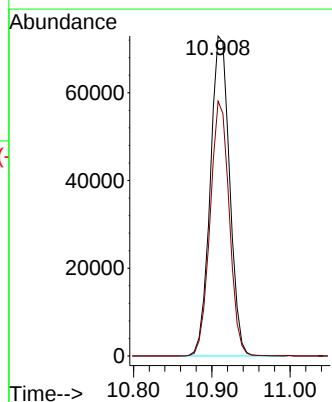
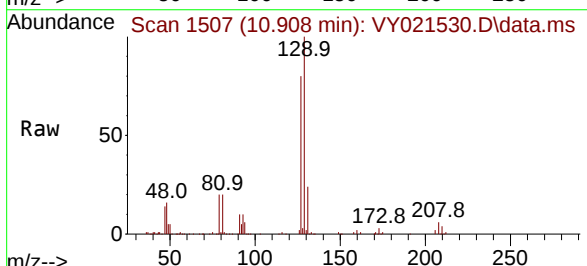
Acq: 14 Mar 2025 10:38

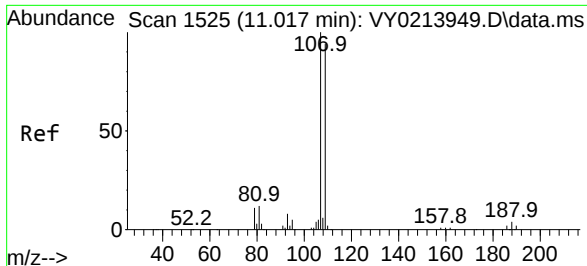
Tgt Ion: 129 Resp: 125128

Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.3

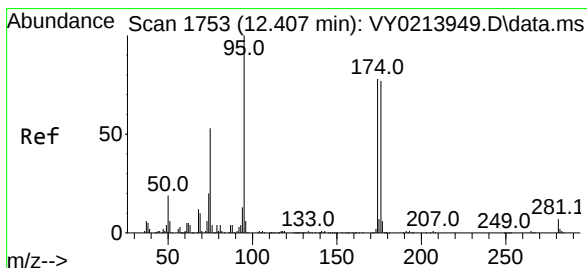
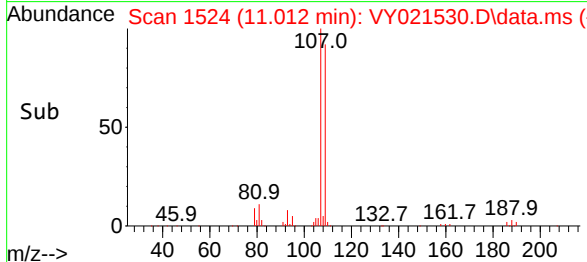
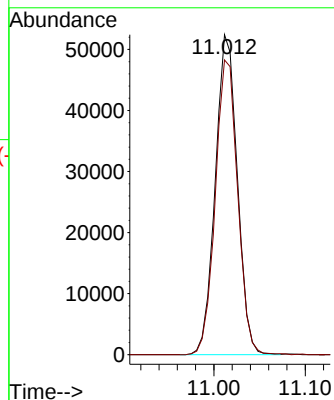
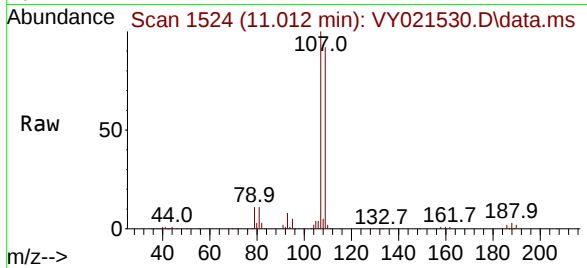




#61
1,2-Dibromoethane
Concen: 54.788 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

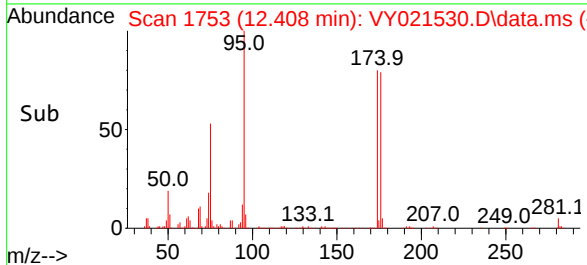
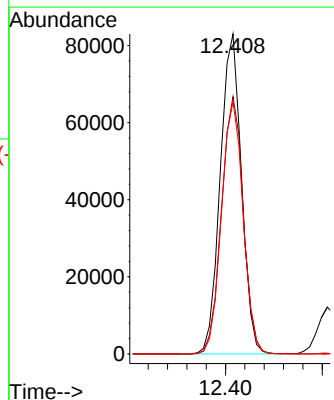
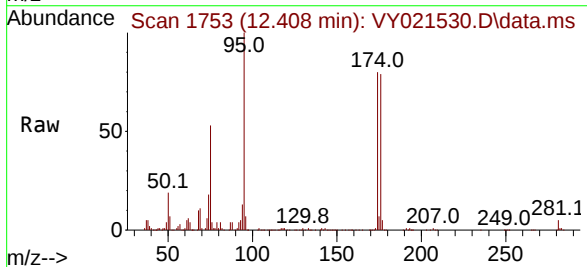
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

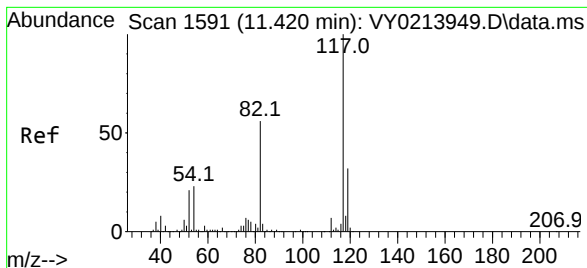
Tgt Ion:107 Resp: 87878
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 46.015 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 95 Resp: 126097
Ion Ratio Lower Upper
95 100
174 82.3 0.0 165.0
176 80.2 0.0 160.0

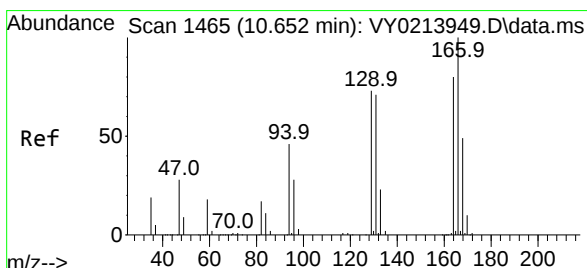
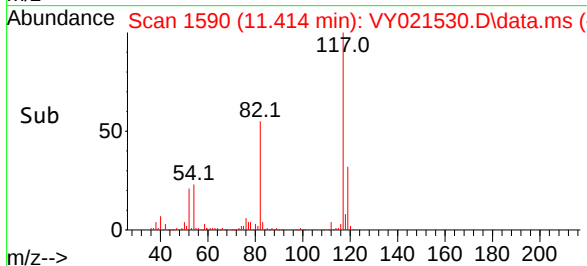
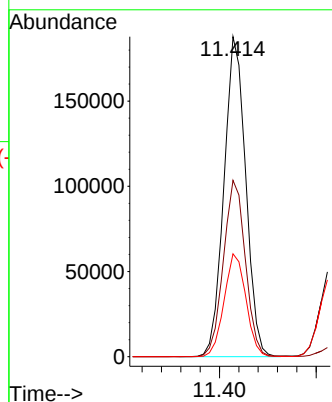
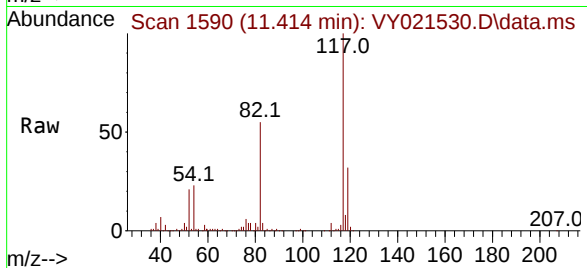




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

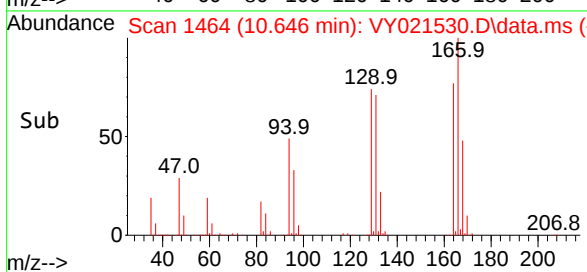
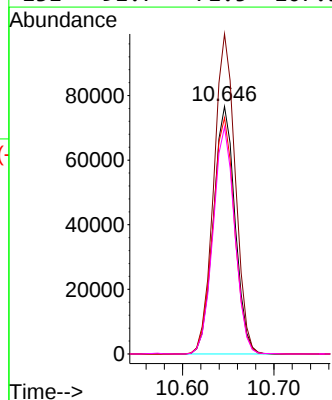
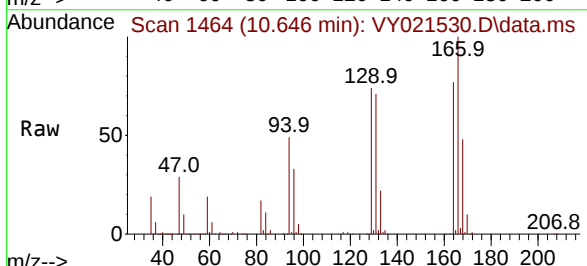
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

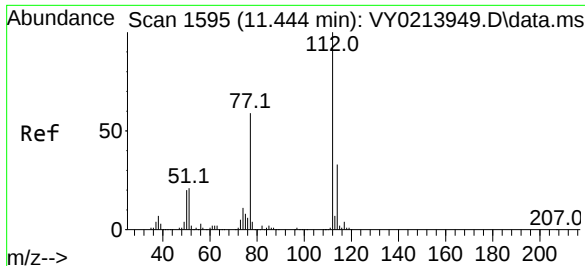
Tgt Ion:117 Resp: 293316
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 52.799 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:164 Resp: 125932
Ion Ratio Lower Upper
164 100
166 129.3 100.4 150.6
129 95.4 73.8 110.8
131 91.7 71.5 107.3

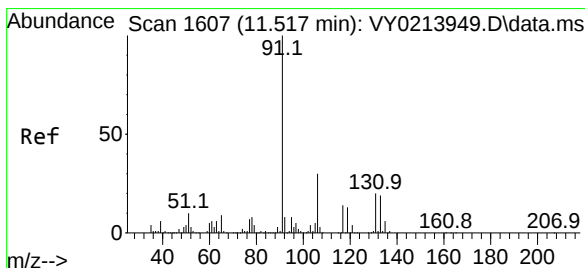
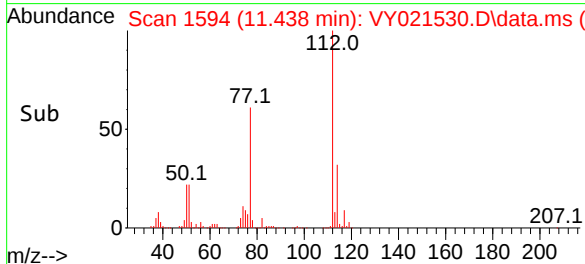
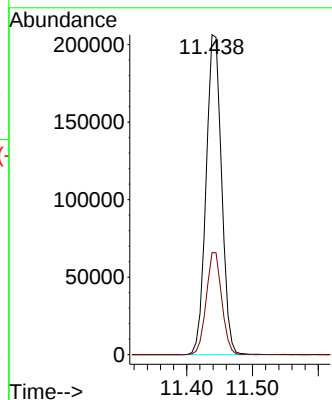
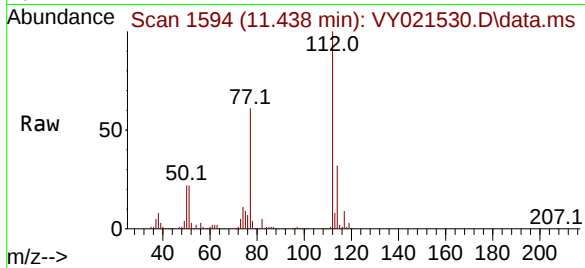




#65
Chlorobenzene
Concen: 48.782 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

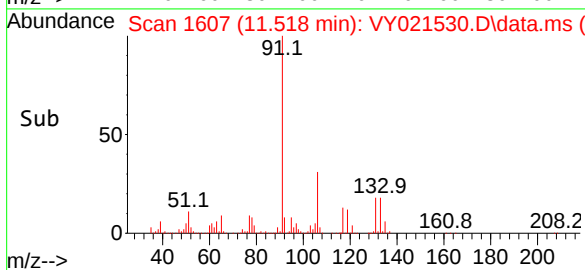
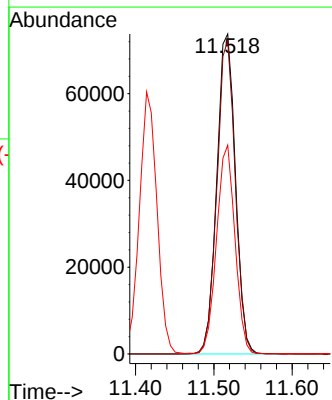
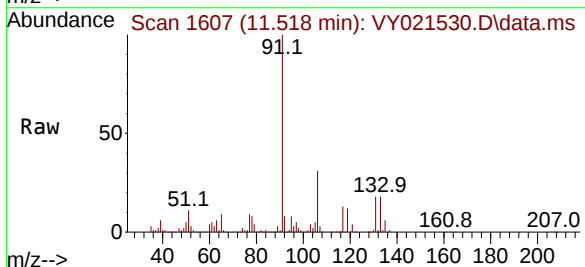
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

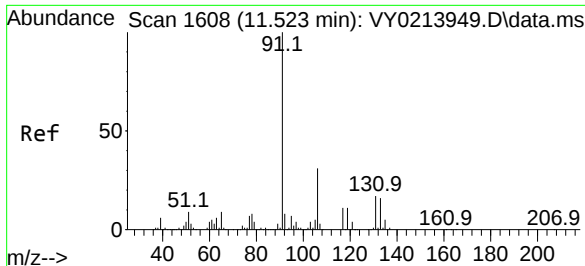
Tgt Ion:112 Resp: 337893
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.905 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:131 Resp: 122210
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 49.469 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

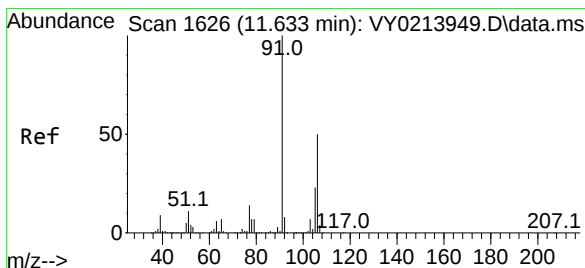
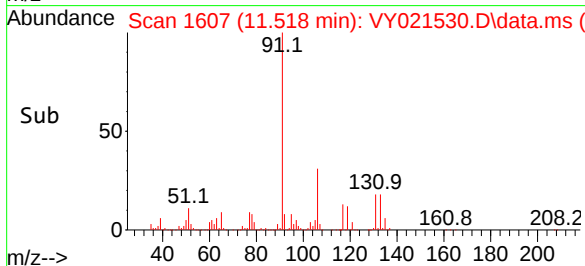
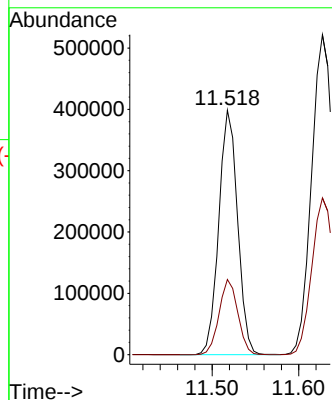
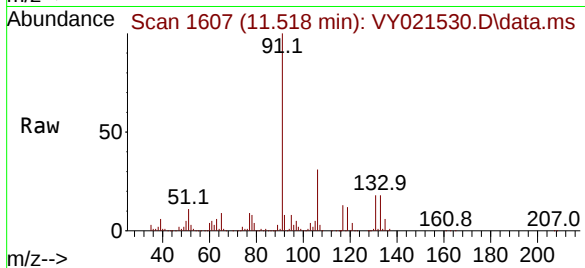
VSTDCCC050

Tgt Ion: 91 Resp: 601412

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 99.552 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021530.D

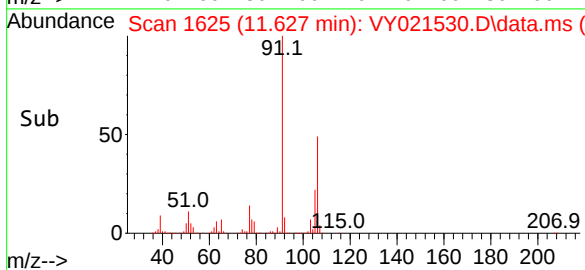
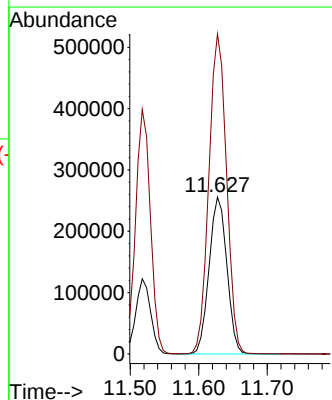
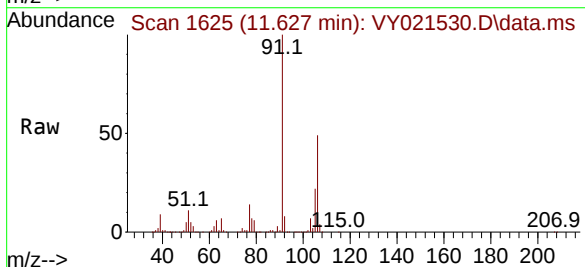
Acq: 14 Mar 2025 10:38

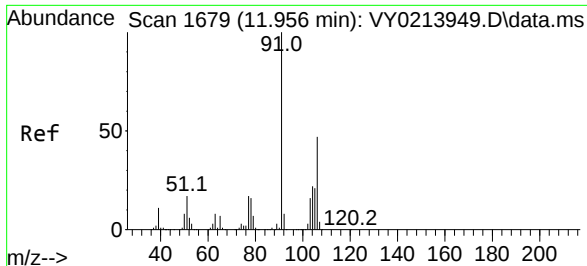
Tgt Ion:106 Resp: 459491

Ion Ratio Lower Upper

106 100

91 203.5 161.7 242.5





#69

o-Xylene

Concen: 50.296 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

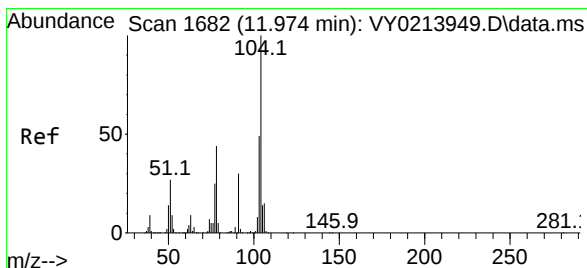
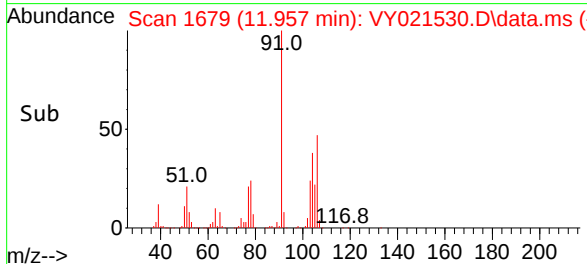
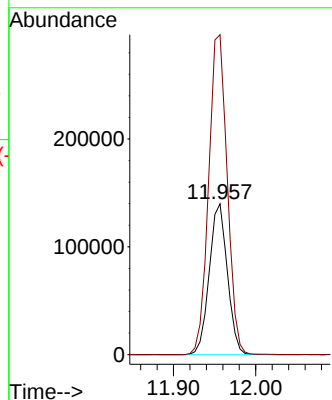
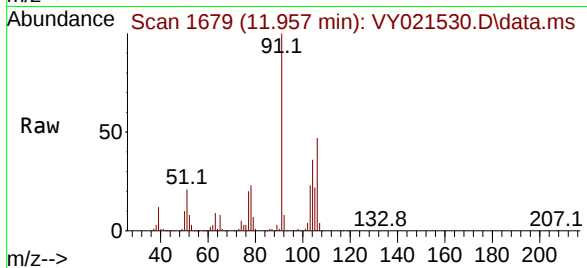
VSTDCCC050

Tgt Ion:106 Resp: 213955

Ion Ratio Lower Upper

106 100

91 217.4 107.6 322.8



#70

Styrene

Concen: 51.919 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

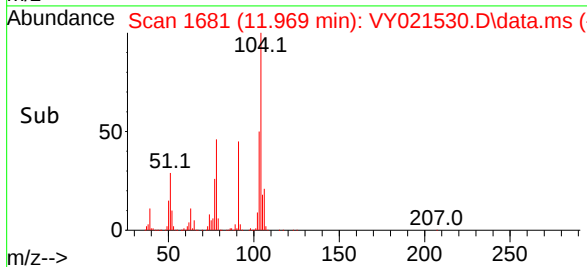
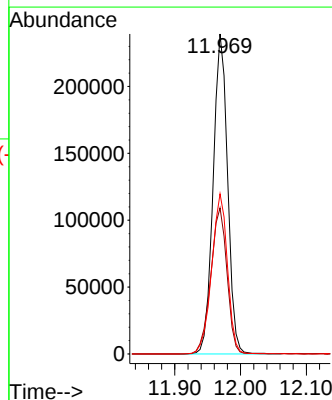
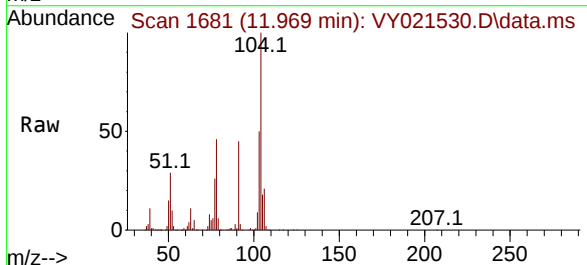
Tgt Ion:104 Resp: 366389

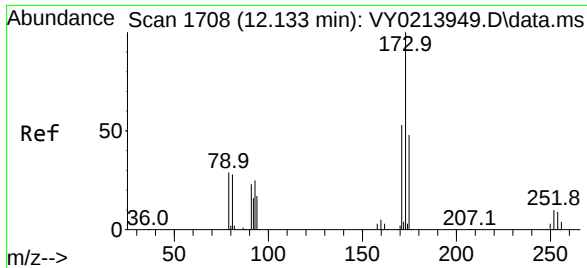
Ion Ratio Lower Upper

104 100

78 51.2 40.7 61.1

103 54.7 44.1 66.1

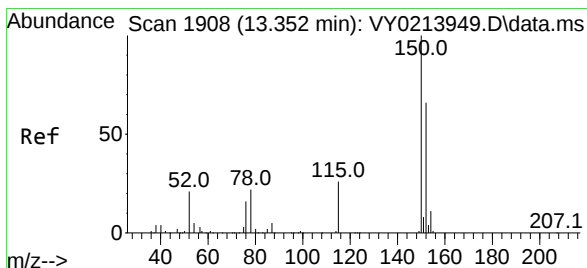
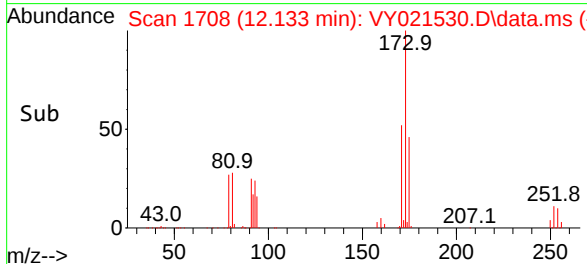
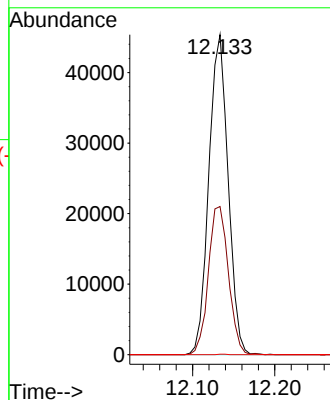
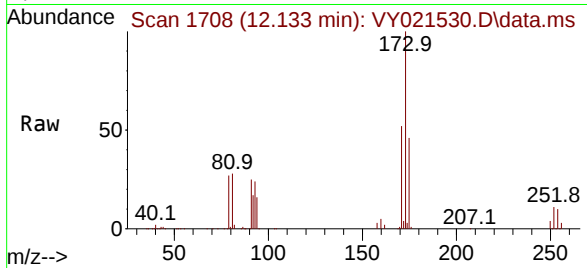




#71
Bromoform
Concen: 53.961 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

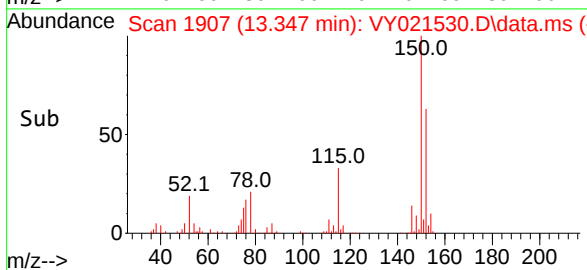
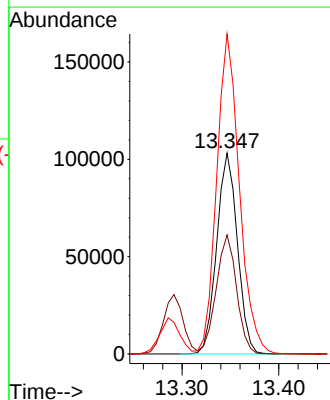
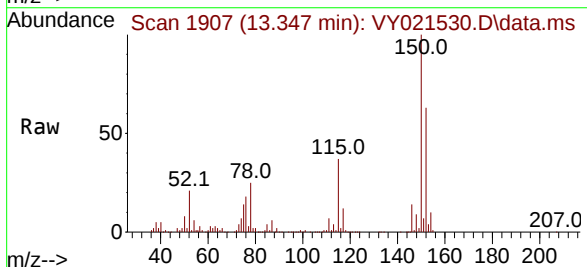
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

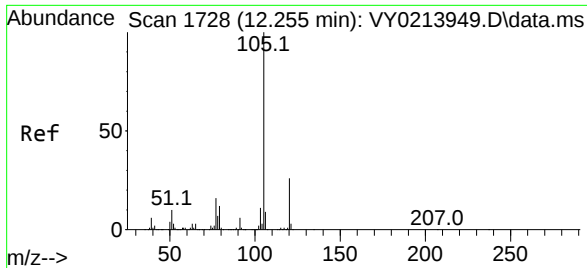
Tgt Ion:173 Resp: 73869
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:152 Resp: 152920
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 174.9 0.0 347.2

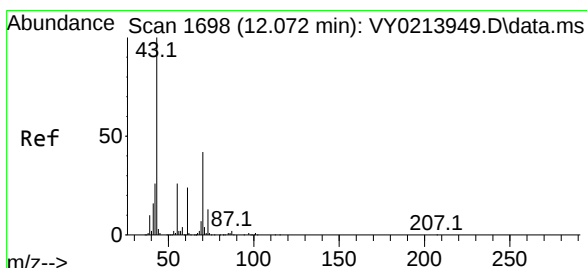
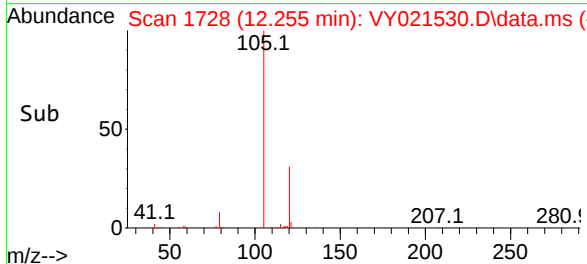
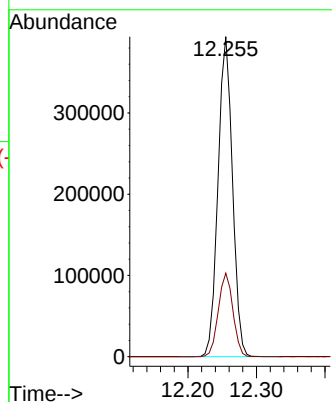
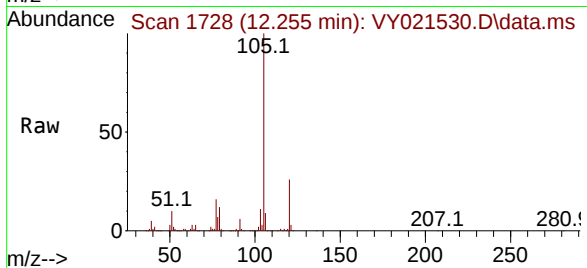




#73
Isopropylbenzene
Concen: 47.783 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

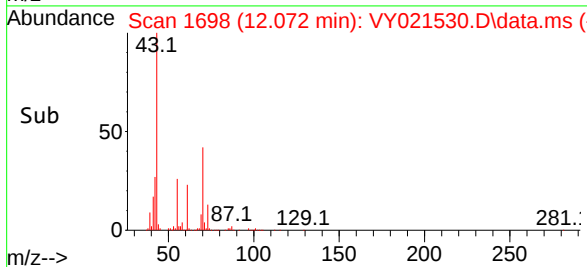
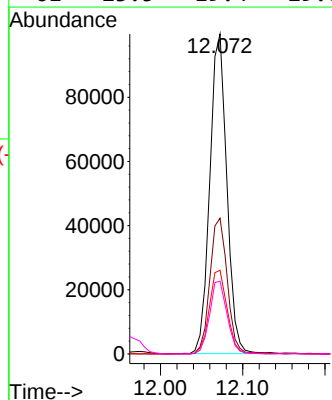
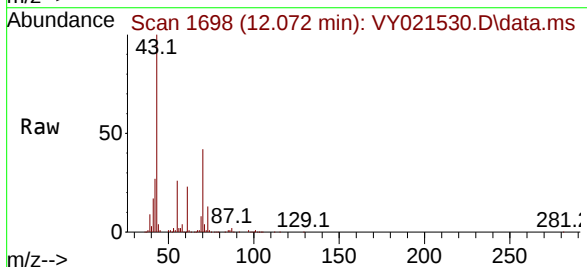
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

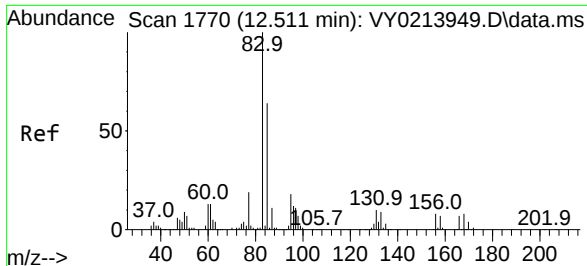
Tgt Ion:105 Resp: 575590
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 54.693 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 43 Resp: 143081
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 27.7 21.1 31.7
61 23.5 19.4 29.0

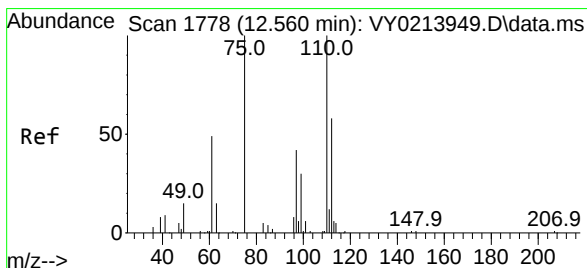
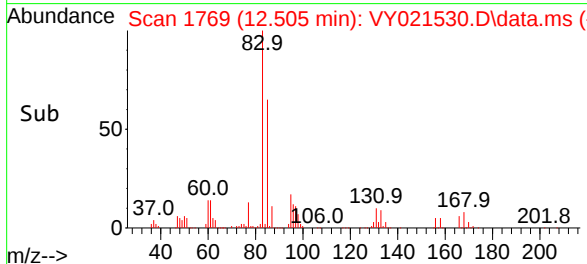
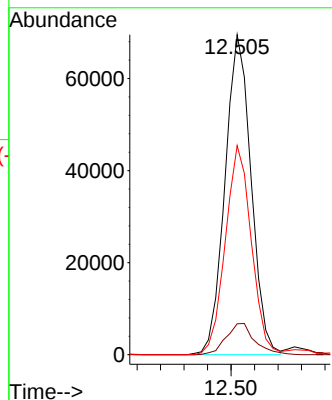
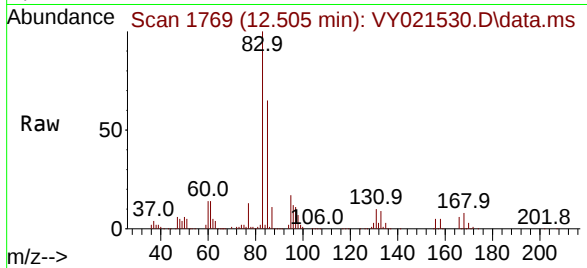




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.420 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

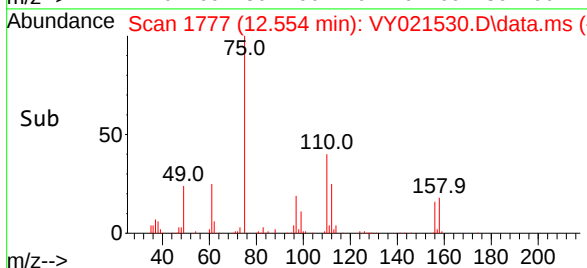
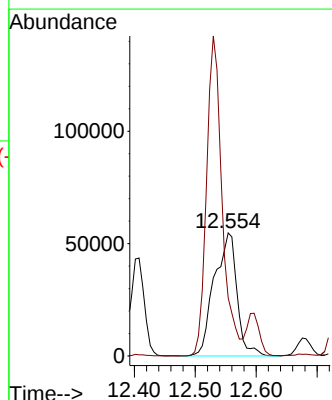
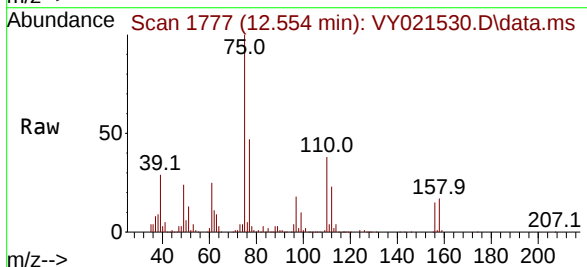
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

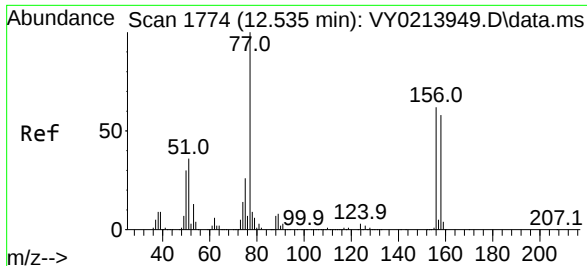
Tgt Ion: 83 Resp: 107177
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 65.3 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 92.019 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion: 75 Resp: 141797
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

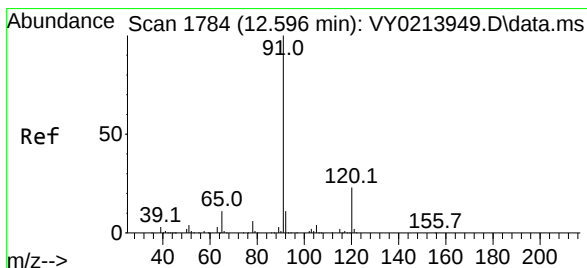
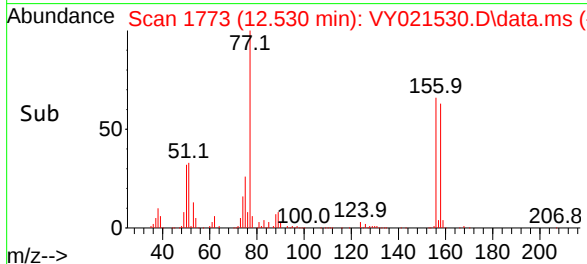
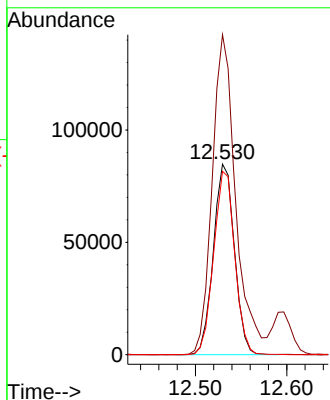
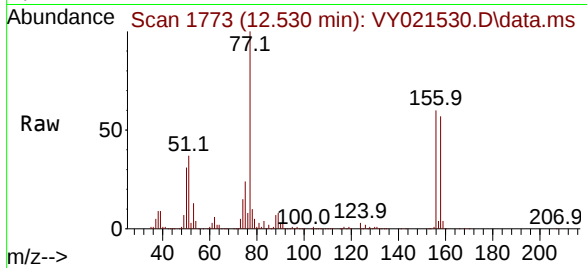




#77
Bromobenzene
Concen: 48.123 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

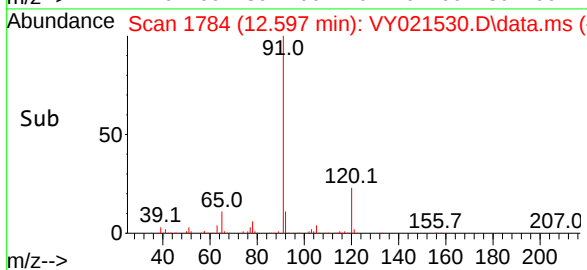
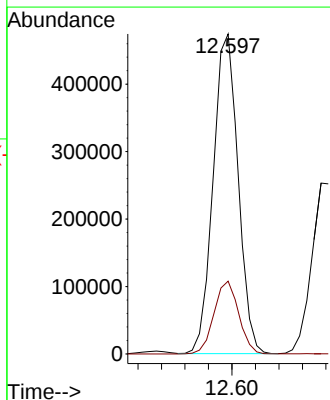
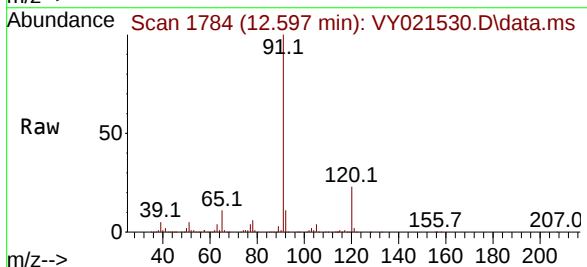
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

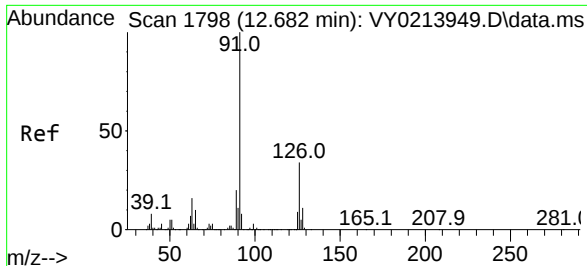
Tgt Ion:156 Resp: 135616
Ion Ratio Lower Upper
156 100
77 186.2 93.6 280.8
158 96.5 48.3 144.8



#78
n-propylbenzene
Concen: 47.763 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 91 Resp: 698739
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.386 ug/l

RT: 12.676 min Scan# 1798

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

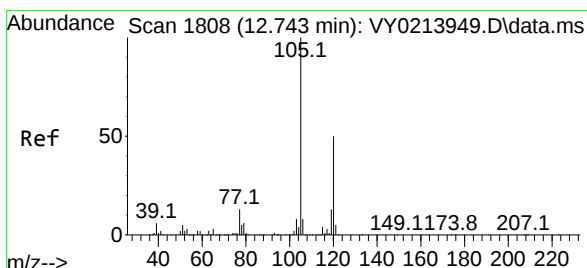
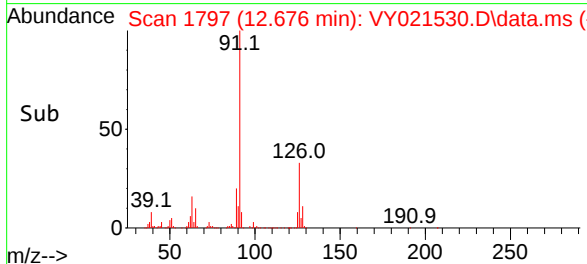
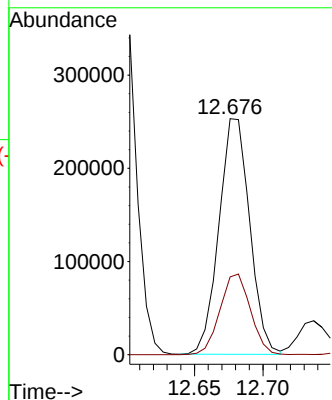
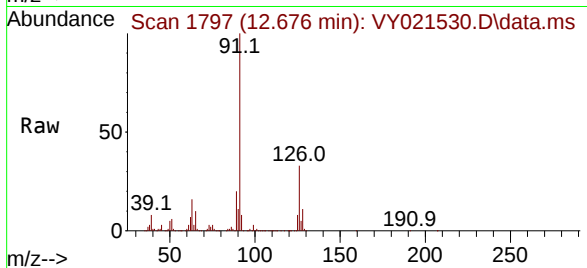
VSTDCCC050

Tgt Ion: 91 Resp: 396384

Ion Ratio Lower Upper

91 100

126 33.8 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 48.538 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021530.D

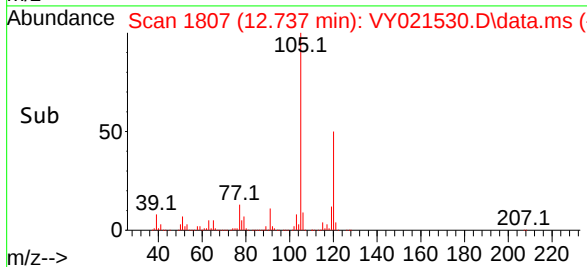
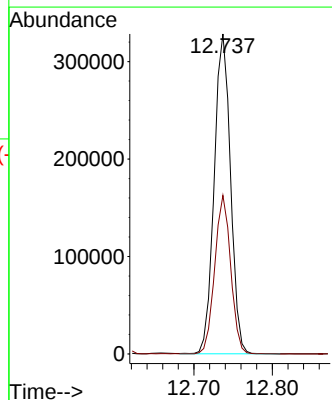
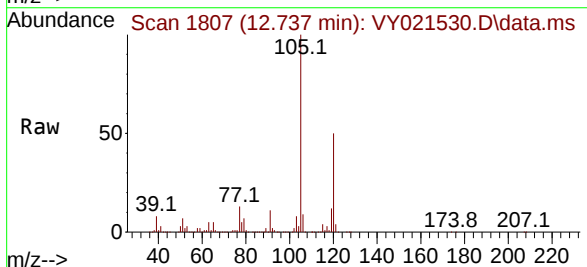
Acq: 14 Mar 2025 10:38

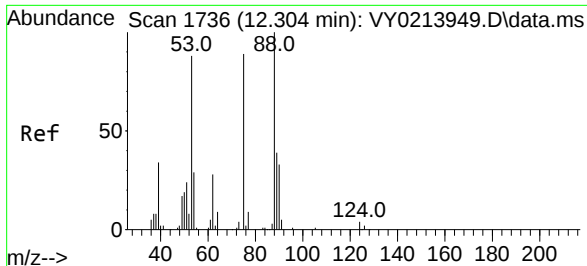
Tgt Ion: 105 Resp: 475149

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.6

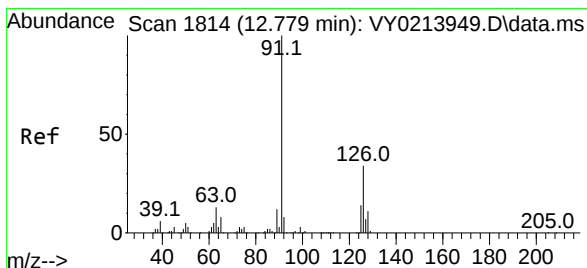
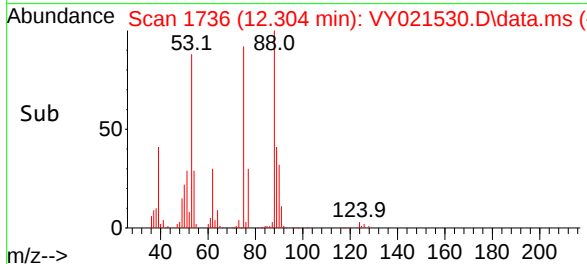
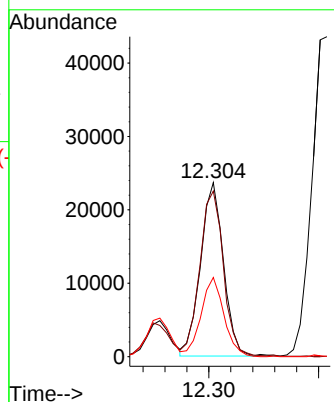
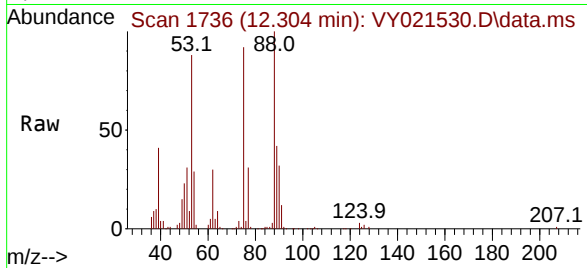




#81
trans-1,4-Dichloro-2-butene
Concen: 50.724 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

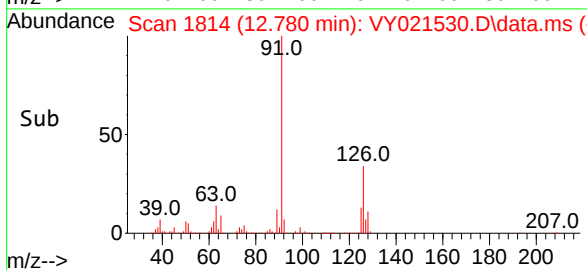
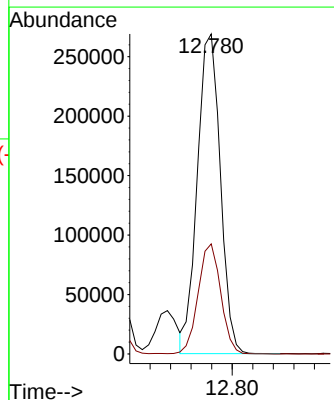
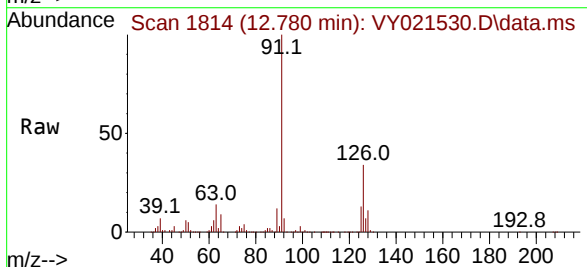
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

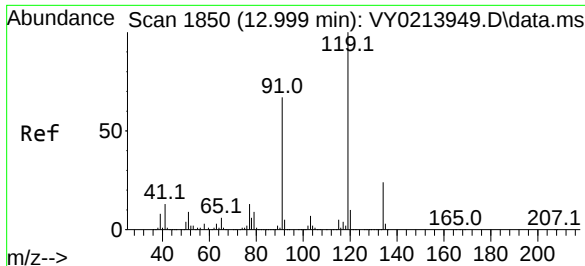
Tgt Ion: 75 Resp: 34383
Ion Ratio Lower Upper
75 100
53 99.5 81.0 121.4
89 45.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.284 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion: 91 Resp: 418247
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

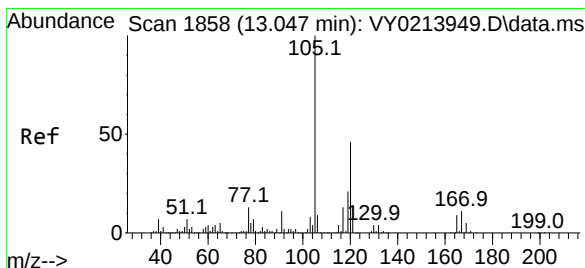
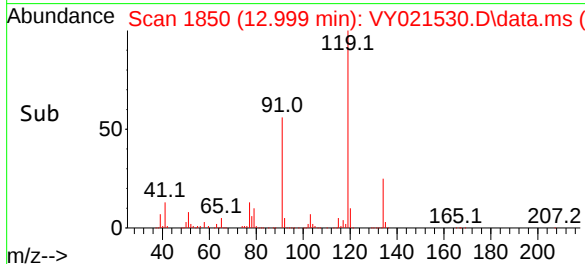
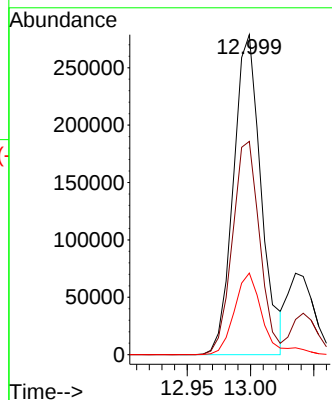
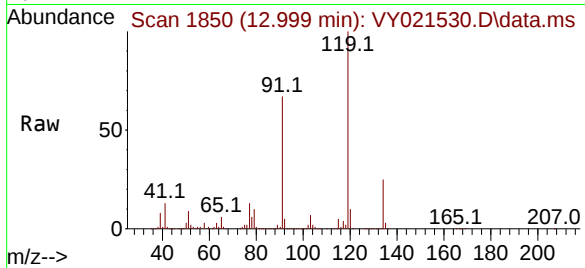




#83
 tert-Butylbenzene
 Concen: 48.643 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

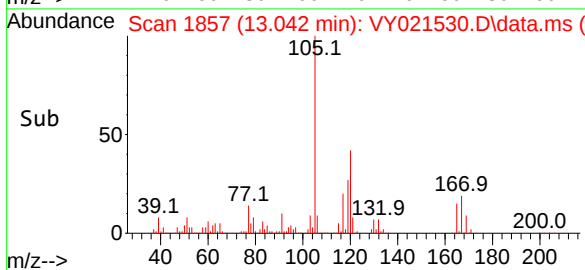
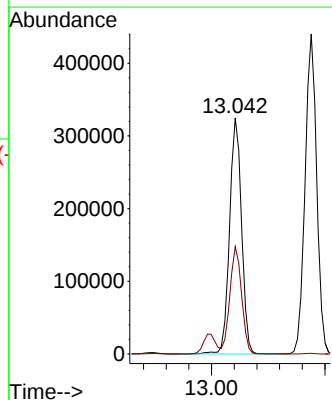
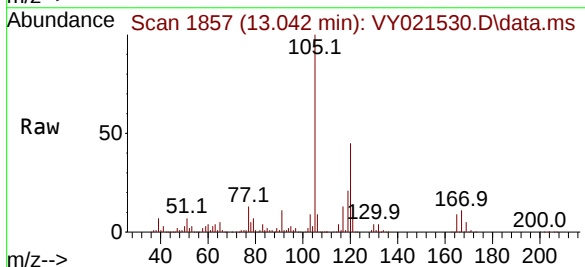
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

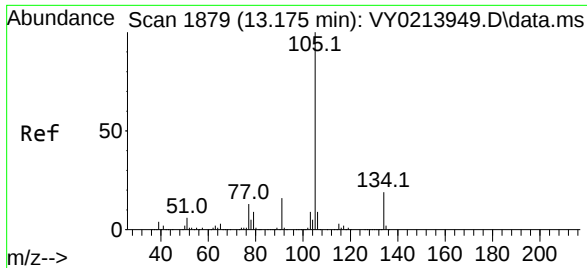
Tgt Ion:119 Resp: 424795
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.2 99.6
 134 26.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.832 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion:105 Resp: 474622
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.7 68.1

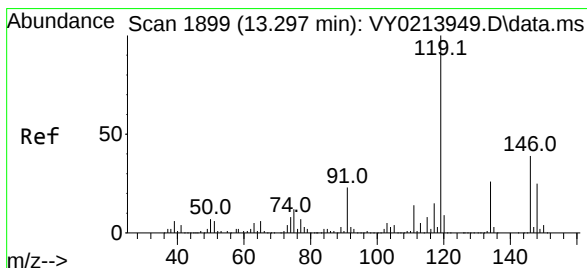
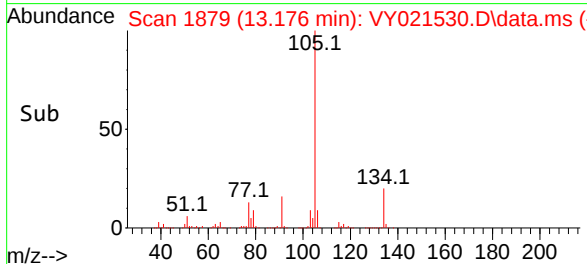
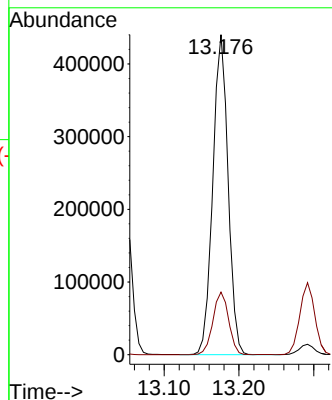
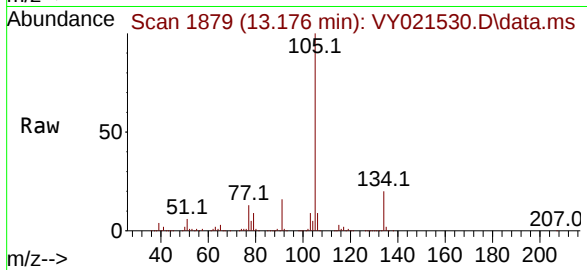




#85
 sec-Butylbenzene
 Concen: 48.133 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

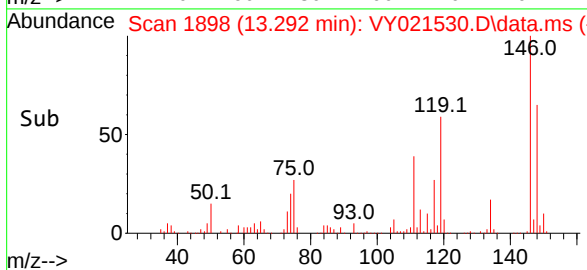
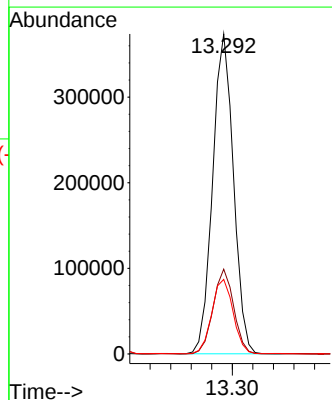
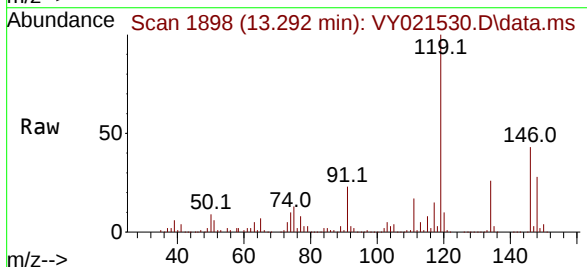
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

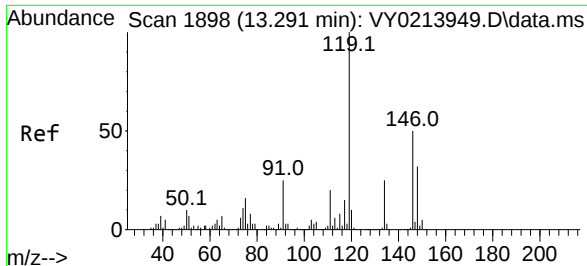
Tgt Ion:105 Resp: 625404
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 48.998 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

Tgt Ion:119 Resp: 524498
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.8 12.2 36.6

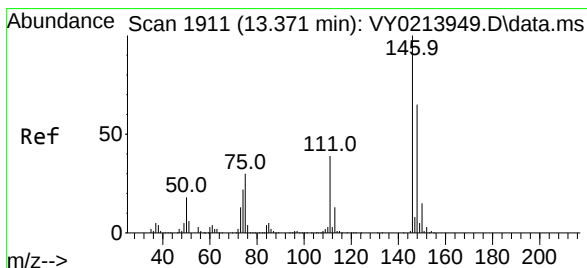
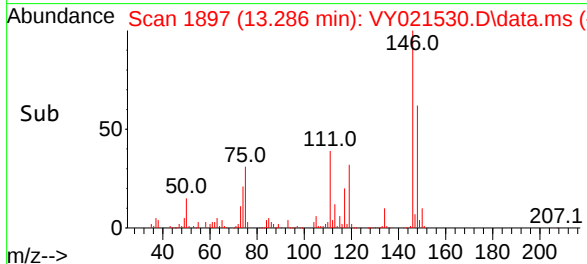
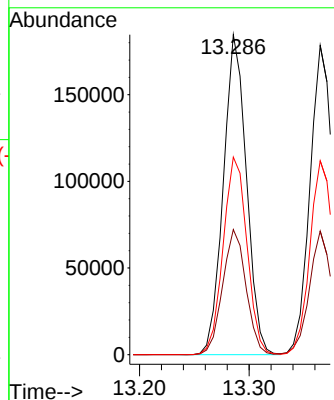
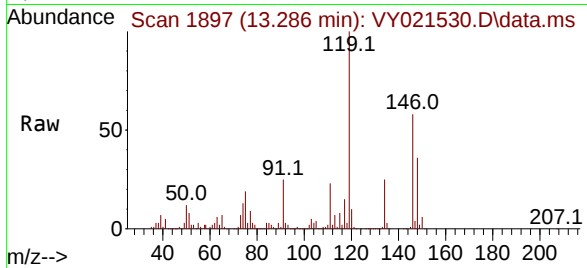




#87
1,3-Dichlorobenzene
Concen: 48.194 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

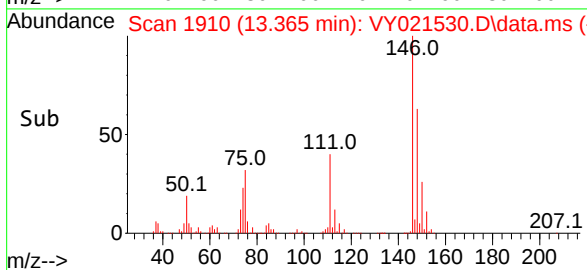
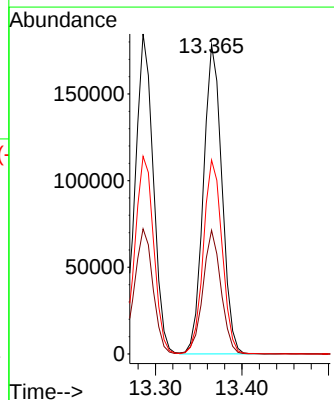
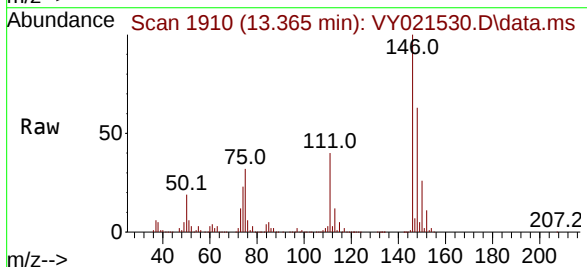
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

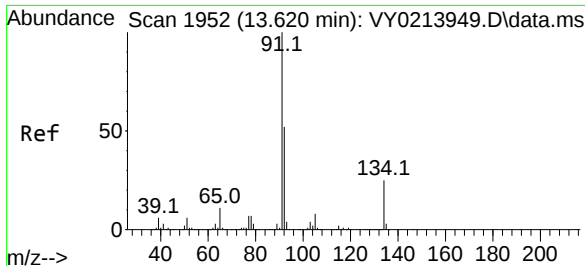
Tgt Ion:146 Resp: 270352
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 63.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 48.282 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:146 Resp: 264883
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 49.650 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021530.D

Acq: 14 Mar 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

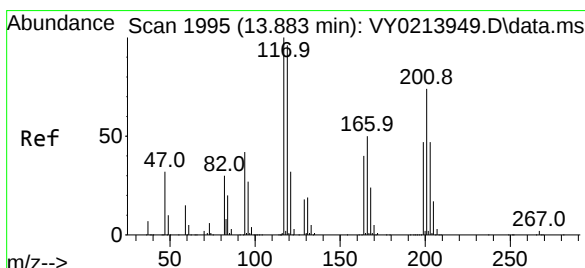
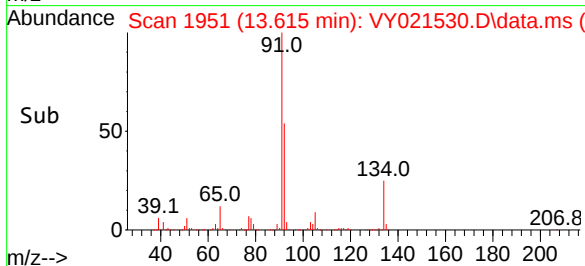
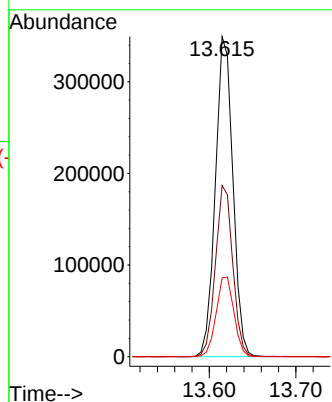
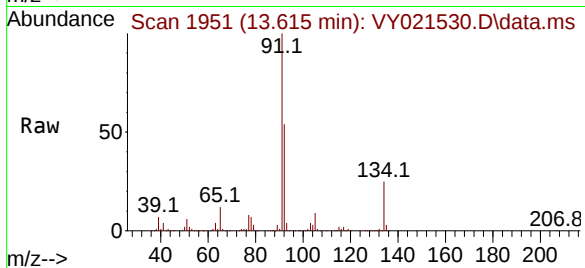
Tgt Ion: 91 Resp: 490768

Ion Ratio Lower Upper

91 100

92 52.9 26.1 78.3

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 47.148 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021530.D

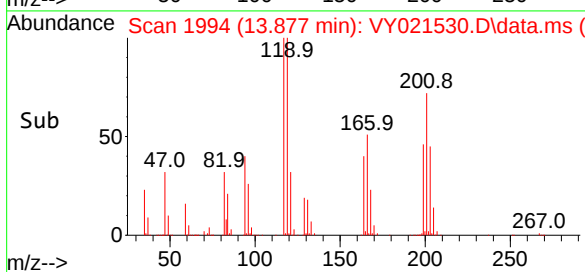
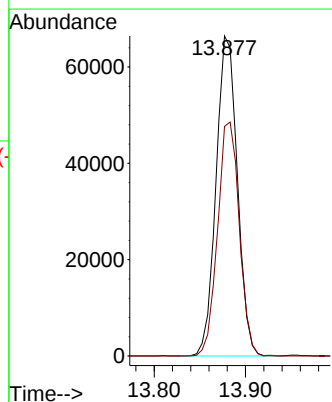
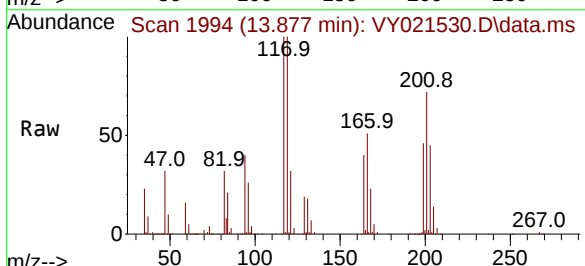
Acq: 14 Mar 2025 10:38

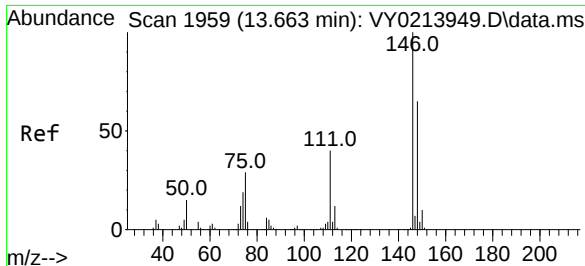
Tgt Ion: 117 Resp: 107669

Ion Ratio Lower Upper

117 100

201 74.4 37.4 112.2

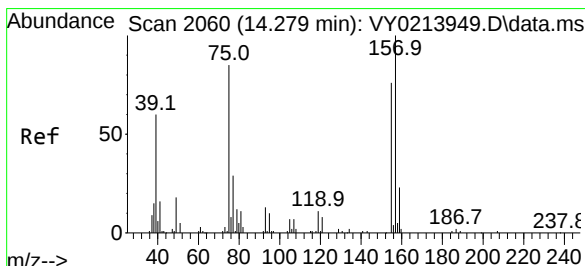
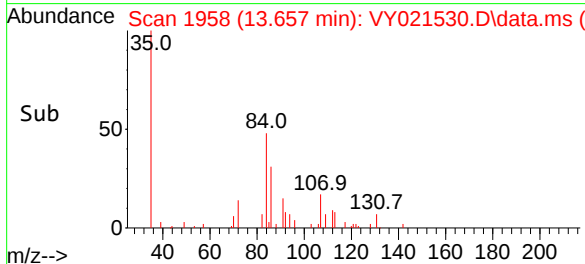
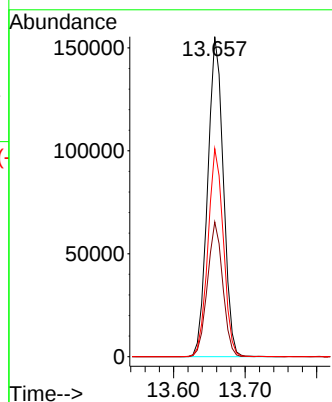
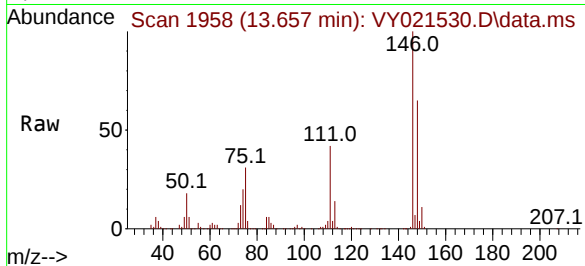




#91
 1,2-Dichlorobenzene
 Concen: 49.133 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

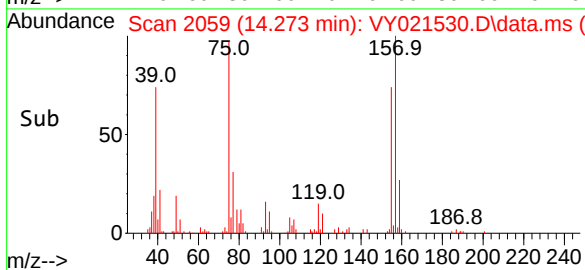
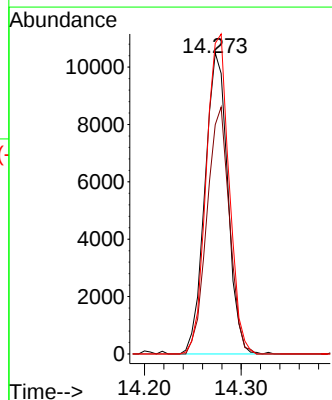
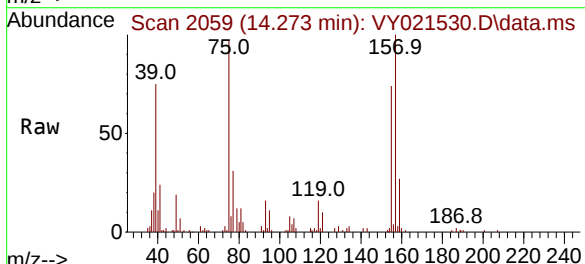
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

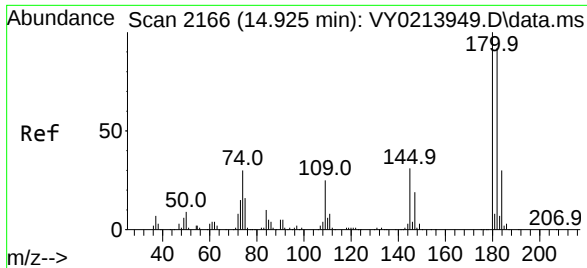
Tgt Ion:146 Resp: 236227
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.7 62.1
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.042 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021530.D
 Acq: 14 Mar 2025 10:38

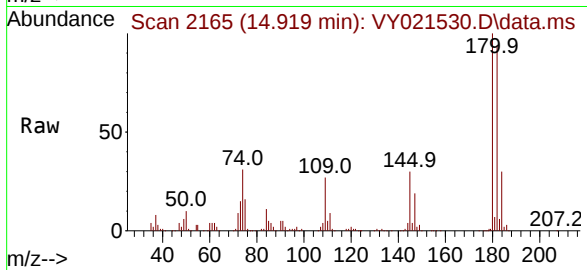
Tgt Ion: 75 Resp: 17208
 Ion Ratio Lower Upper
 75 100
 155 80.9 43.5 130.5
 157 106.1 54.4 163.2



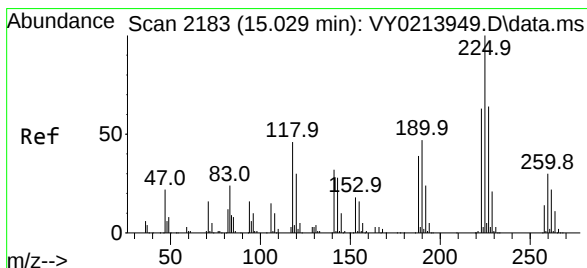
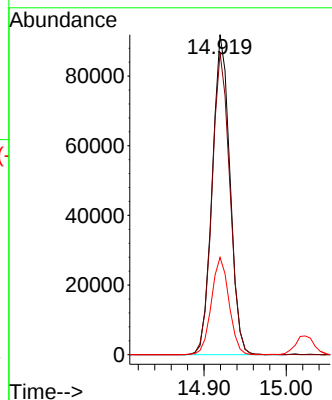
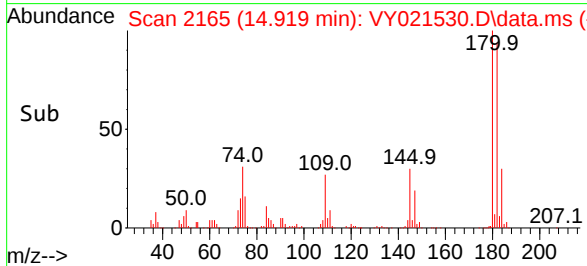


#93
1,2,4-Trichlorobenzene
Concen: 52.058 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

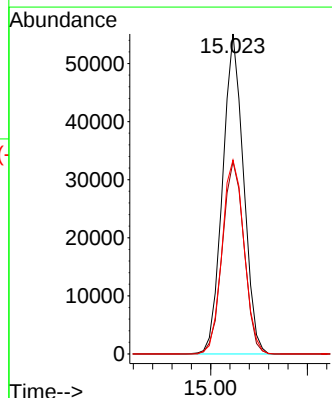
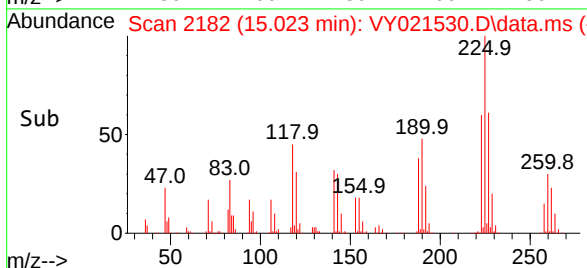
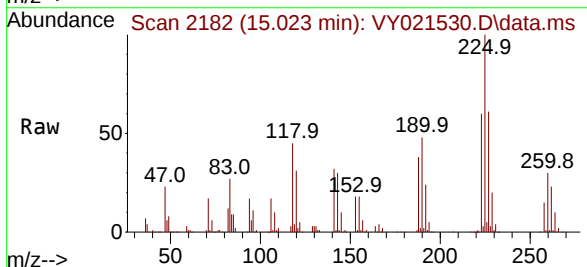


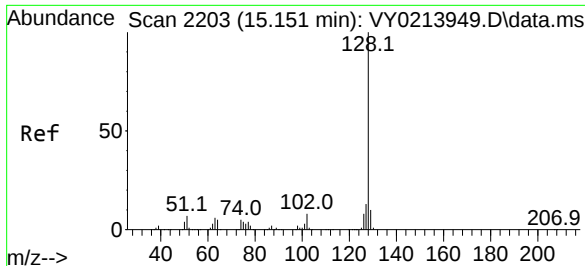
Tgt Ion:180 Resp: 136709
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.0
145 30.3 15.6 46.8



#94
Hexachlorobutadiene
Concen: 50.146 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:225 Resp: 82549
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.2
227 63.7 31.8 95.4

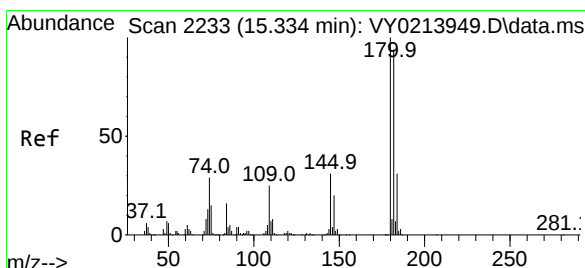
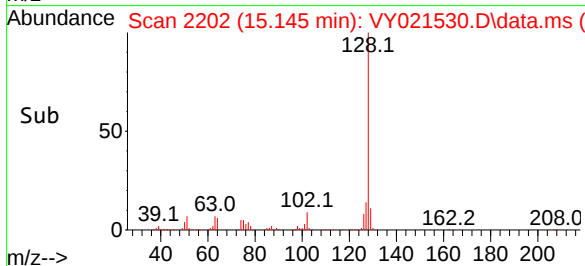
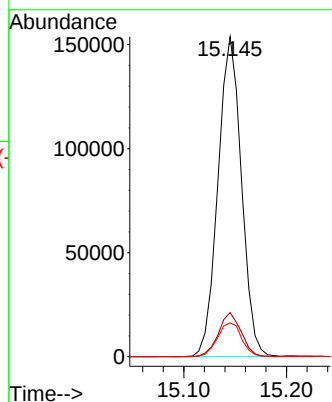
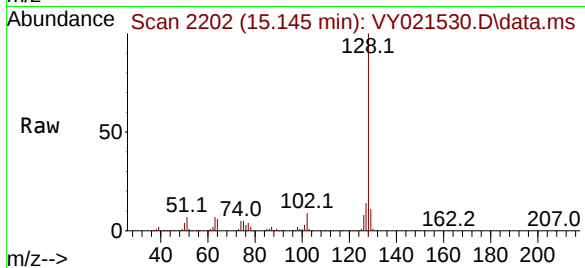




#95
Naphthalene
Concen: 54.307 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	243649
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.378 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021530.D
Acq: 14 Mar 2025 10:38

Tgt Ion:	180	Resp:	117896
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.2	141.6
145	32.3	16.4	49.1

