

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 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: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	371882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114762	46.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.620%
35) Dibromofluoromethane	7.634	113	107193	48.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.109	98	441509	48.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.408	95	132565	46.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	109139	46.127	ug/l	100
3) Chloromethane	2.068	50	240982	48.418	ug/l	99
4) Vinyl Chloride	2.202	62	281774	50.673	ug/l	98
5) Bromomethane	2.598	94	221777	48.993	ug/l	95
6) Chloroethane	2.739	64	188480	54.484	ug/l	100
7) Trichlorofluoromethane	3.056	101	274723	48.797	ug/l	99
8) Diethyl Ether	3.452	74	60755	44.967	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	121195	49.586	ug/l	99
10) Methyl Iodide	4.001	142	139611	49.353	ug/l	99
11) Tert butyl alcohol	4.866	59	39142	206.836	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	117781	48.560	ug/l	96
13) Acrolein	3.653	56	37396	135.173	ug/l	94
14) Allyl chloride	4.385	41	188875	44.412	ug/l	97
15) Acrylonitrile	5.061	53	119810	215.208	ug/l	99
16) Acetone	3.873	43	92085	198.172	ug/l	95
17) Carbon Disulfide	4.104	76	373012	47.162	ug/l	100
18) Methyl Acetate	4.378	43	59584	40.670	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	299714	44.815	ug/l	96
20) Methylene Chloride	4.616	84	122787	40.894	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	126924	47.410	ug/l	92
22) Diisopropyl ether	6.018	45	394002	43.870	ug/l	99
23) Vinyl Acetate	5.957	43	1153872	212.665	ug/l	100
24) 1,1-Dichloroethane	5.915	63	233548	46.546	ug/l	99
25) 2-Butanone	6.896	43	155949	200.639	ug/l	98
26) 2,2-Dichloropropane	6.884	77	213195	47.772	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	144620	46.812	ug/l	99
28) Bromochloromethane	7.244	49	98377	45.966	ug/l	99
29) Tetrahydrofuran	7.262	42	104691	209.360	ug/l	96
30) Chloroform	7.421	83	228289	47.434	ug/l	97
31) Cyclohexane	7.701	56	228271	45.534	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	210565	47.688	ug/l	99
36) 1,1-Dichloropropene	7.835	75	177858	48.649	ug/l	98
37) Ethyl Acetate	6.982	43	74123	42.138	ug/l	97
38) Carbon Tetrachloride	7.817	117	185946	49.136	ug/l	99
39) Methylcyclohexane	9.109	83	245018	49.884	ug/l	96
40) Benzene	8.079	78	518202	47.813	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	44324	37.986	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	133999	45.719	ug/l	100
43) Isopropyl Acetate	8.195	43	164658	42.921	ug/l	99
44) Trichloroethene	8.866	130	129847	48.183	ug/l	97
45) 1,2-Dichloropropane	9.140	63	121700	46.575	ug/l	95
46) Dibromomethane	9.231	93	64749	45.943	ug/l	98
47) Bromodichloromethane	9.420	83	173095	47.343	ug/l	100
48) Methyl methacrylate	9.219	41	75158	41.892	ug/l	95
49) 1,4-Dioxane	9.231	88	14246	894.779	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	395363	210.035	ug/l	98
52) Toluene	10.170	92	323890	47.193	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	163246	45.752	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	189374	46.324	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	80398	44.549	ug/l	98
56) Ethyl methacrylate	10.438	69	124860	44.416	ug/l	97
57) 1,3-Dichloropropane	10.719	76	145992	45.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	310691	246.231	ug/l	99
59) 2-Hexanone	10.762	43	260783	206.627	ug/l	98
60) Dibromochloromethane	10.914	129	110053	46.983	ug/l	100
61) 1,2-Dibromoethane	11.011	107	77561	46.111	ug/l	100
64) Tetrachloroethene	10.646	164	140924	48.679	ug/l	99
65) Chlorobenzene	11.444	112	339131	47.994	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	114730	47.229	ug/l	100
67) Ethyl Benzene	11.517	91	641620	48.485	ug/l	97
68) m/p-Xylenes	11.627	106	480417	96.343	ug/l	99
69) o-Xylene	11.956	106	223762	47.429	ug/l	98
70) Styrene	11.969	104	374205	47.020	ug/l	99
71) Bromoform	12.133	173	59355	45.269	ug/l #	99
73) Isopropylbenzene	12.255	105	594081	49.626	ug/l	100
74) N-amyl acetate	12.072	43	150967	44.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	86518	46.994	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	128158	87.544	ug/l #	100
77) Bromobenzene	12.529	156	123903	48.461	ug/l	97
78) n-propylbenzene	12.597	91	722589	50.043	ug/l	100
79) 2-Chlorotoluene	12.682	91	383846	48.374	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	467447	48.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31793	43.994	ug/l	98
82) 4-Chlorotoluene	12.779	91	395166	48.417	ug/l	100
83) tert-Butylbenzene	12.999	119	426406	49.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	468001	48.787	ug/l	100
85) sec-Butylbenzene	13.176	105	643574	50.477	ug/l	100
86) p-Isopropyltoluene	13.292	119	535122	49.904	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	251111	48.110	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	241157	48.034	ug/l	98
89) n-Butylbenzene	13.621	91	512834	50.552	ug/l	99
90) Hexachloroethane	13.883	117	106297	49.107	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	207228	47.267	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13224	44.544	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	117885	46.549	ug/l	98
94) Hexachlorobutadiene	15.023	225	66957	47.410	ug/l	99
95) Naphthalene	15.145	128	211483	44.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	96005	44.687	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

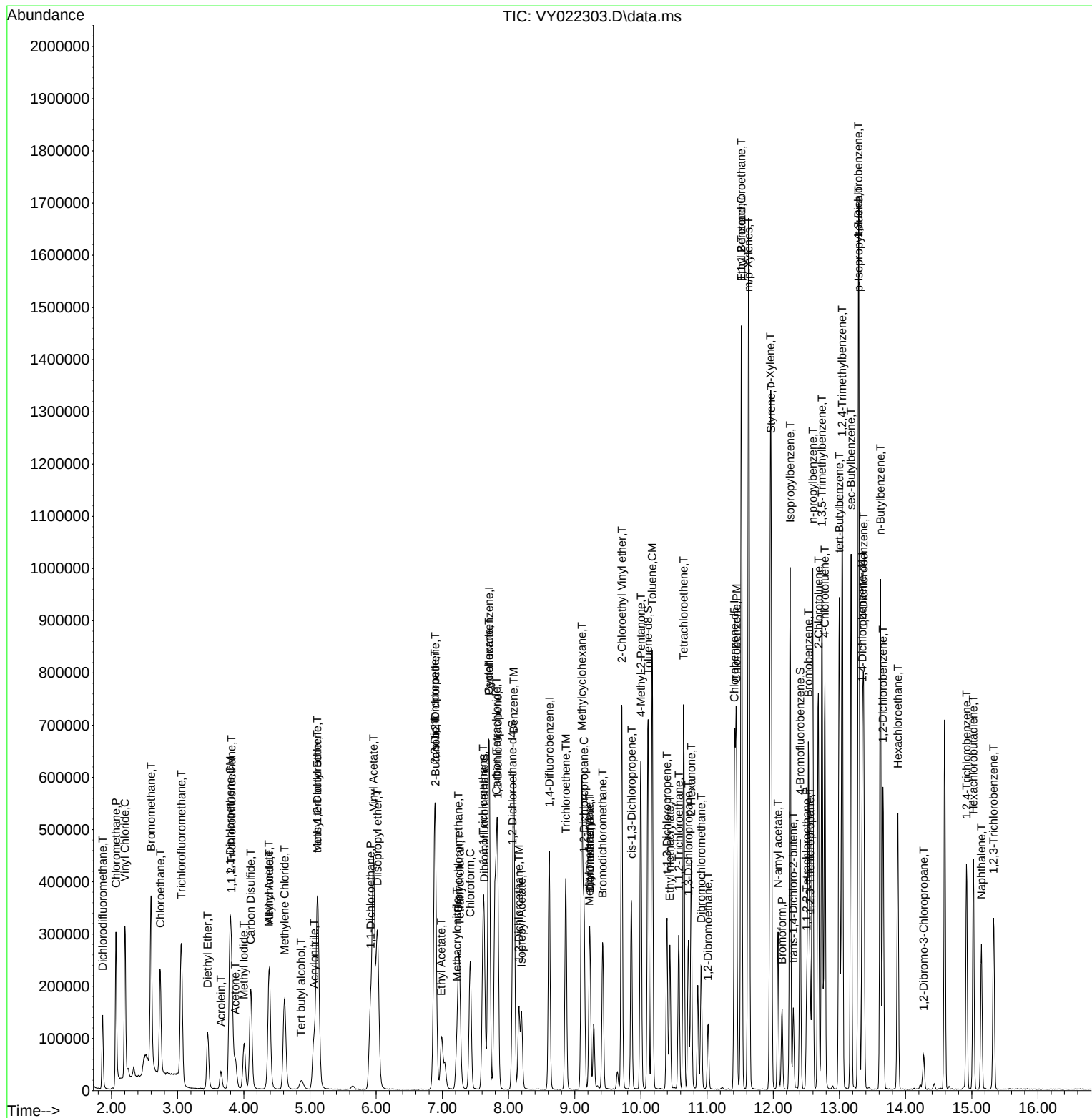
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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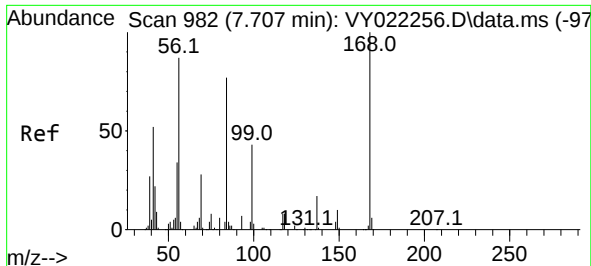
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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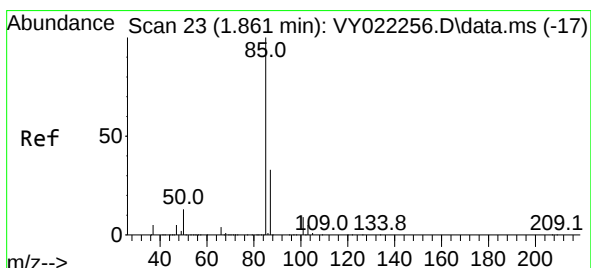
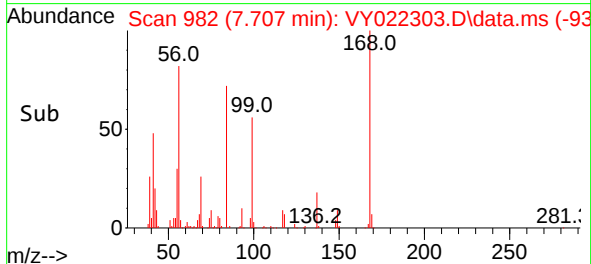
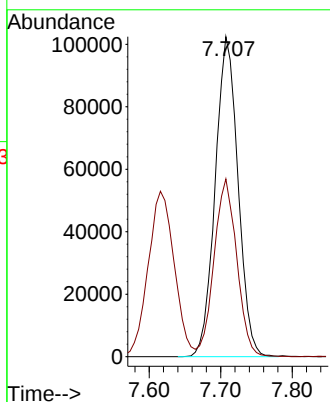
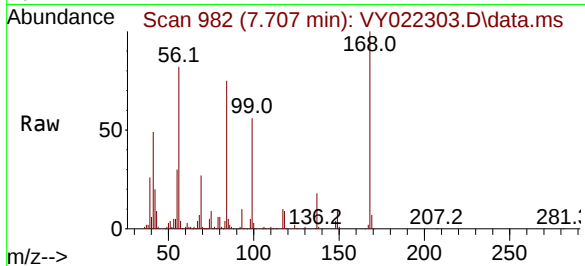




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022303.D
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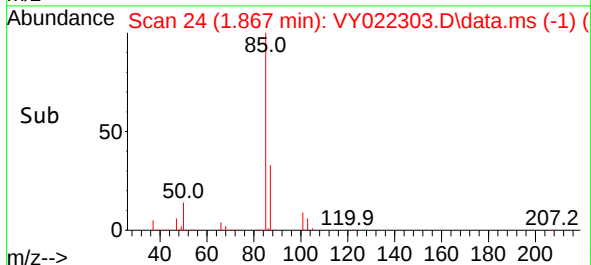
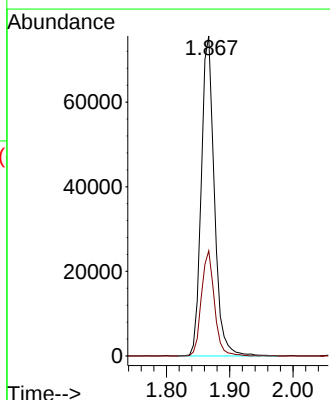
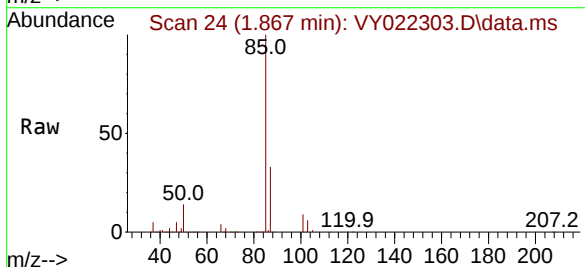
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

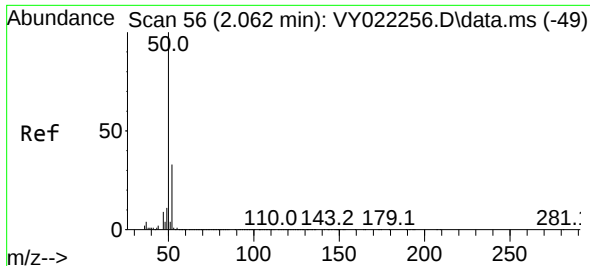
Tgt Ion:168 Resp: 226750
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 46.127 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 85 Resp: 109139
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5

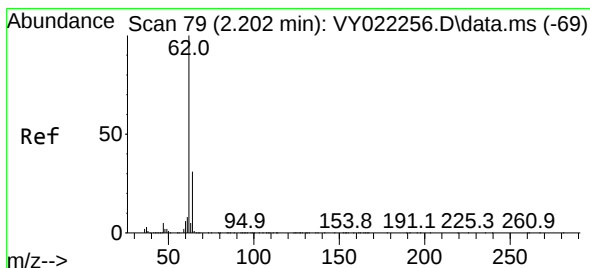
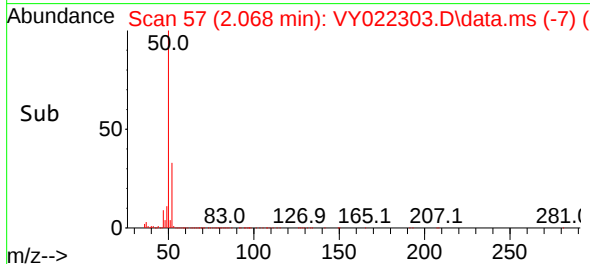
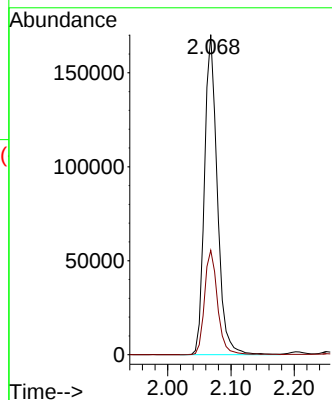
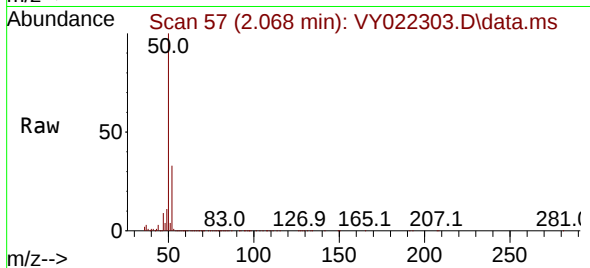




#3
Chloromethane
Concen: 48.418 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

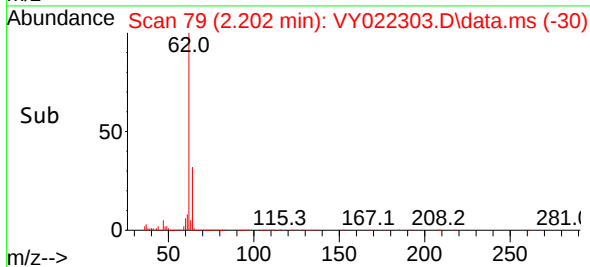
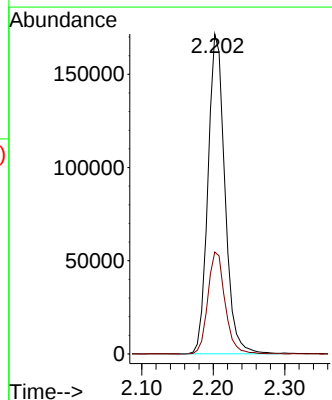
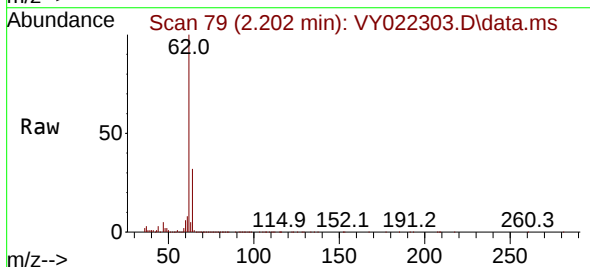
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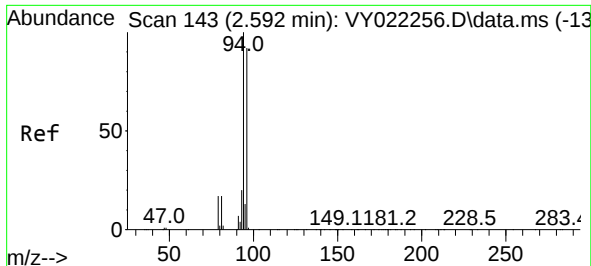
Tgt Ion: 50 Resp: 240982
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 50.673 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 62 Resp: 281774
Ion Ratio Lower Upper
62 100
64 31.9 24.5 36.7

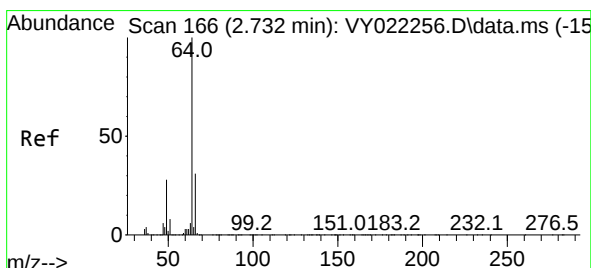
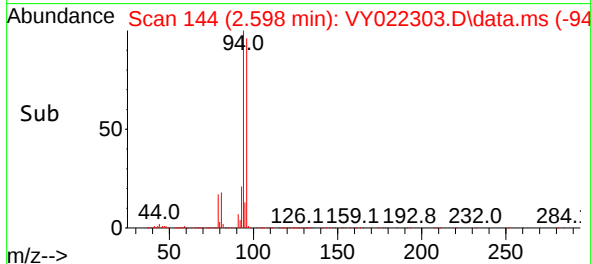
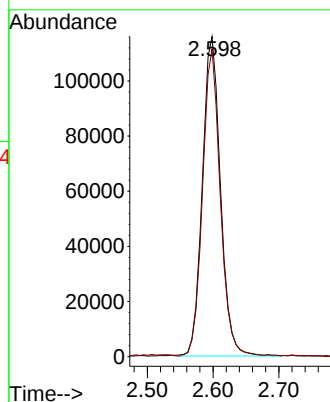
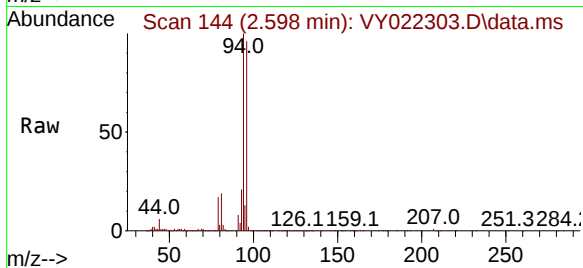




#5
Bromomethane
Concen: 48.993 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022303.D
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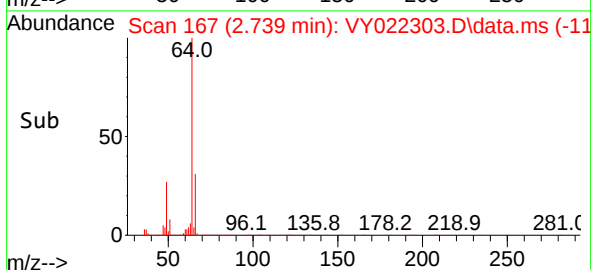
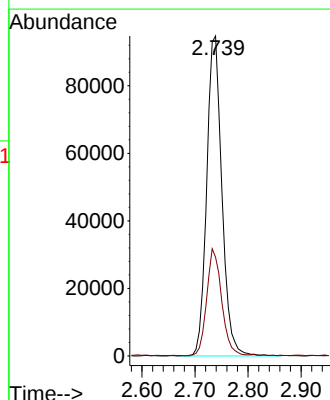
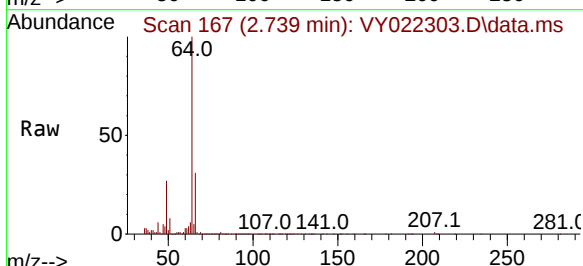
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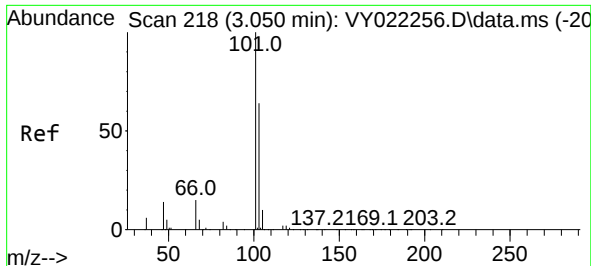
Tgt Ion: 94 Resp: 221777
Ion Ratio Lower Upper
94 100
96 96.1 73.4 110.0



#6
Chloroethane
Concen: 54.484 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 64 Resp: 188480
Ion Ratio Lower Upper
64 100
66 30.7 24.8 37.2

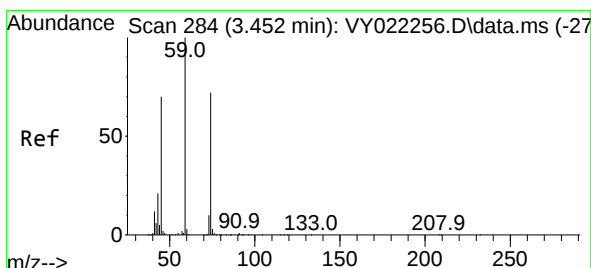
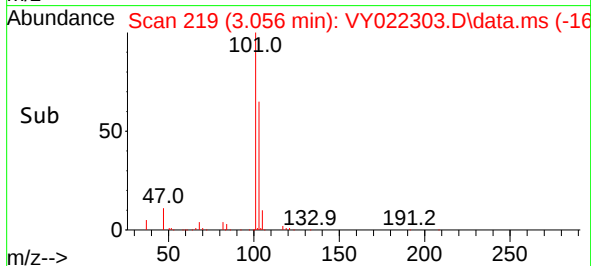
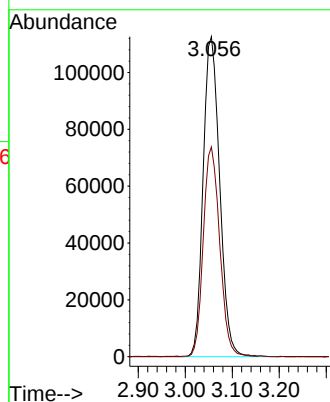
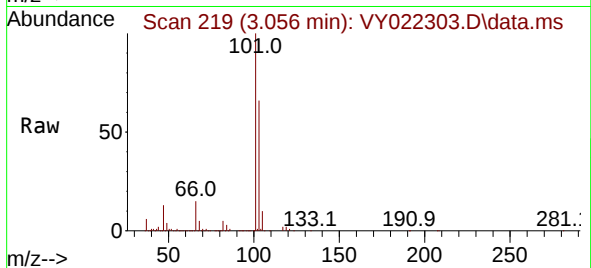




#7
Trichlorofluoromethane
Concen: 48.797 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

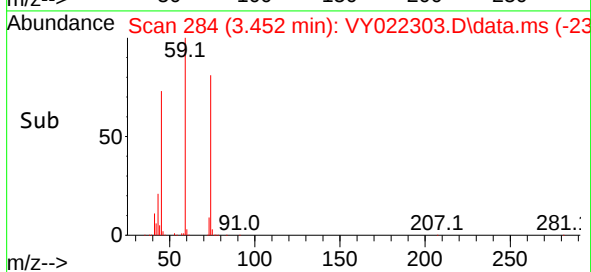
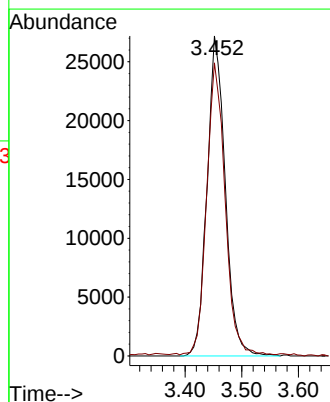
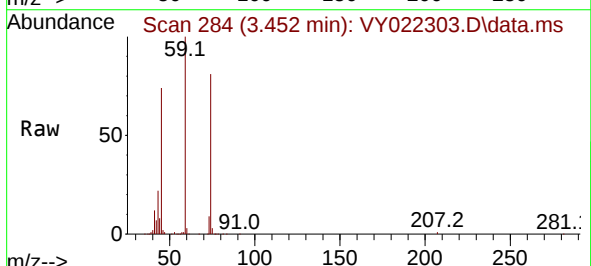
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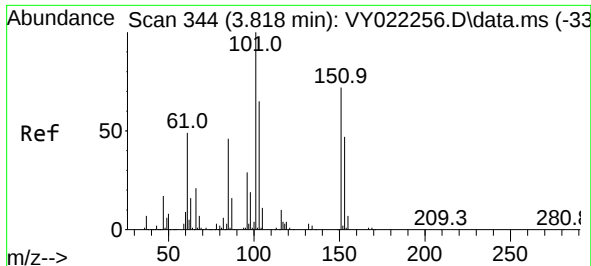
Tgt Ion:101 Resp: 274723
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5



#8
Diethyl Ether
Concen: 44.967 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 74 Resp: 60755
Ion Ratio Lower Upper
74 100
45 92.0 48.6 145.8

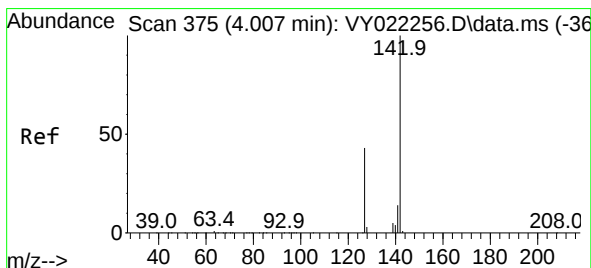
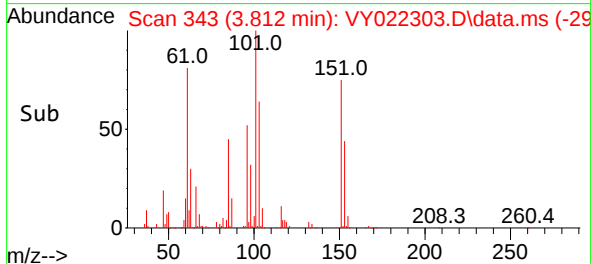
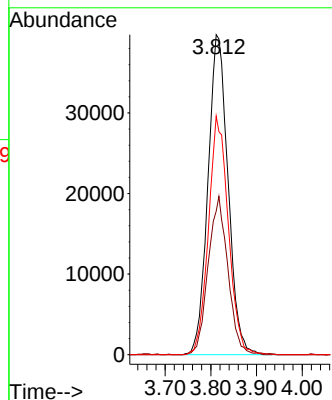
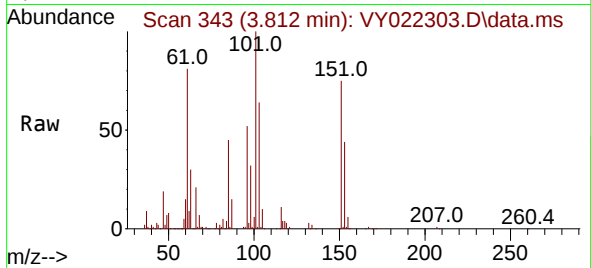




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.586 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

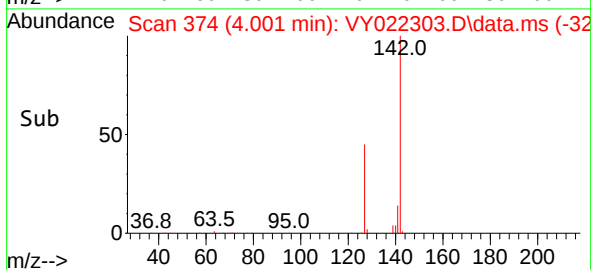
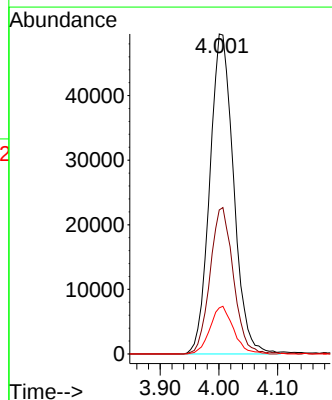
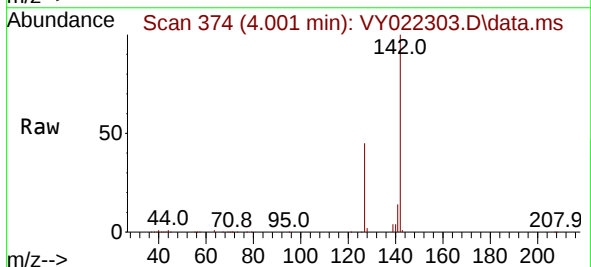
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

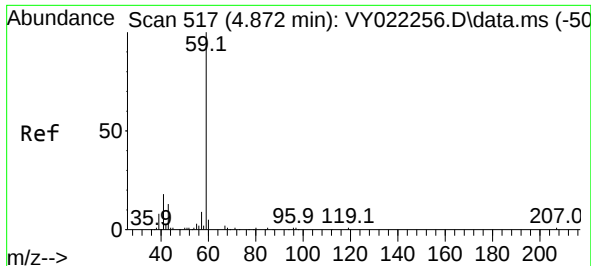
Tgt Ion:101 Resp: 121195
Ion Ratio Lower Upper
101 100
85 48.5 38.6 58.0
151 73.8 59.7 89.5



#10
Methyl Iodide
Concen: 49.353 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:142 Resp: 139611
Ion Ratio Lower Upper
142 100
127 44.9 35.7 53.5
141 14.6 11.1 16.7

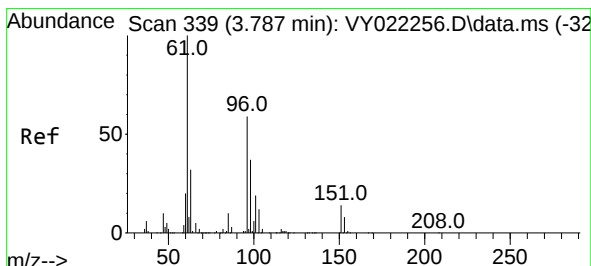
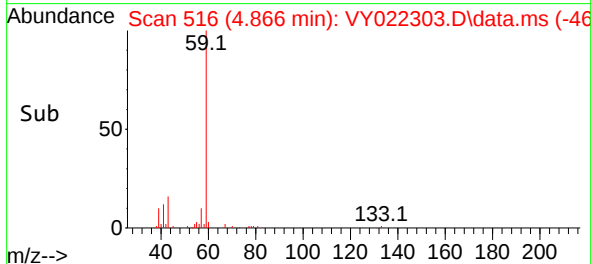
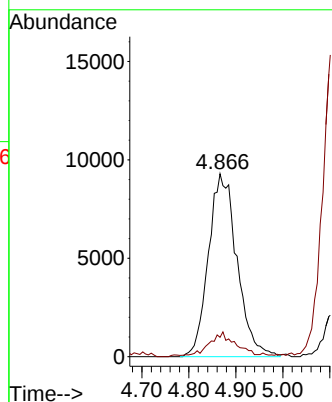
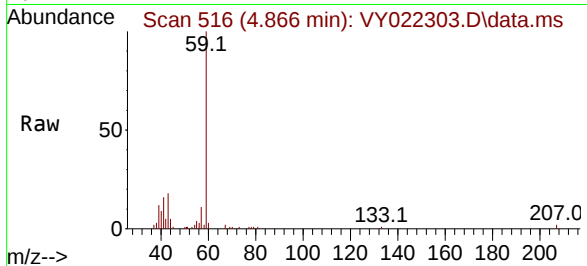




#11
Tert butyl alcohol
Concen: 206.836 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

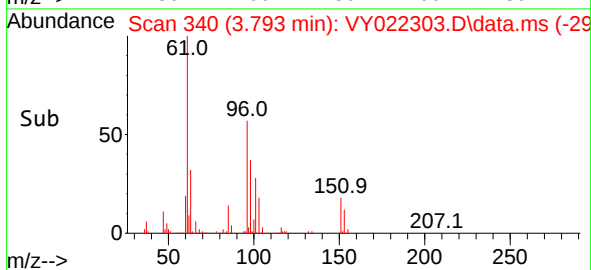
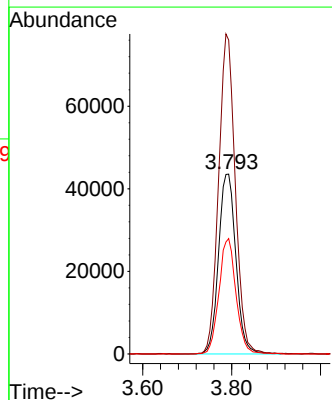
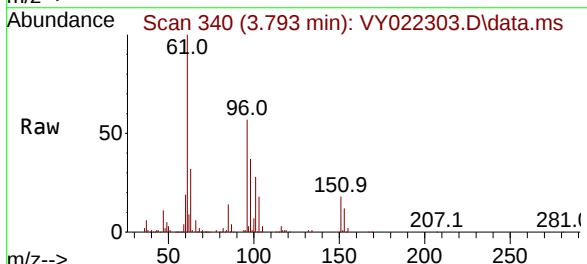
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

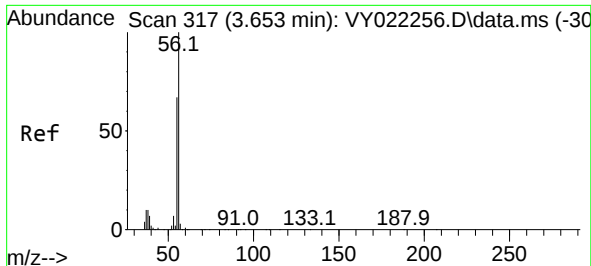
Tgt Ion: 59 Resp: 39142
Ion Ratio Lower Upper
59 100
57 11.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 48.560 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 96 Resp: 117781
Ion Ratio Lower Upper
96 100
61 174.6 134.9 202.3
98 64.2 49.9 74.9

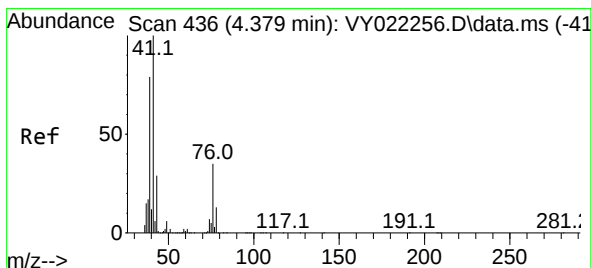
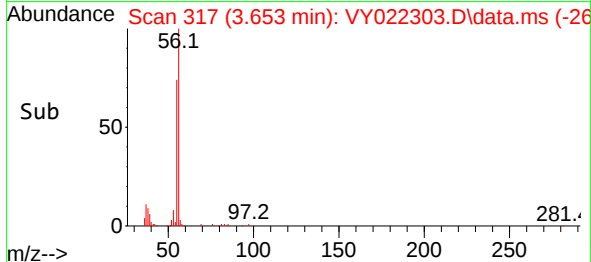
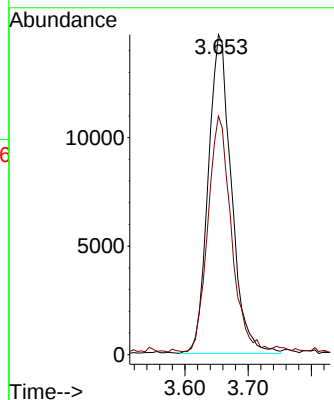
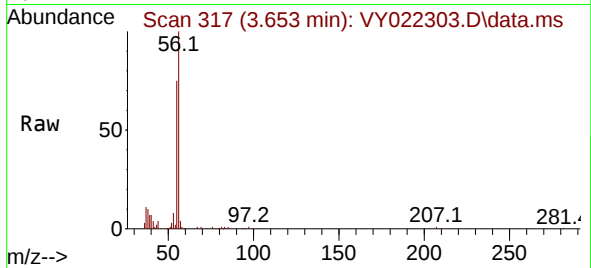




#13
Acrolein
Concen: 135.173 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

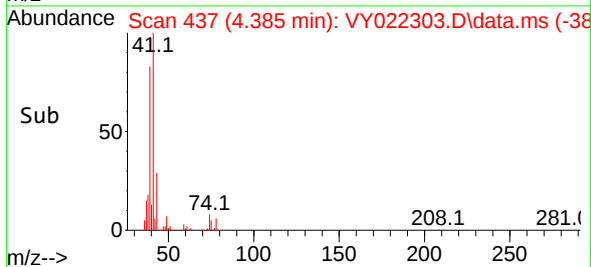
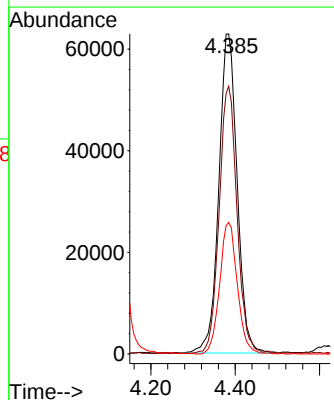
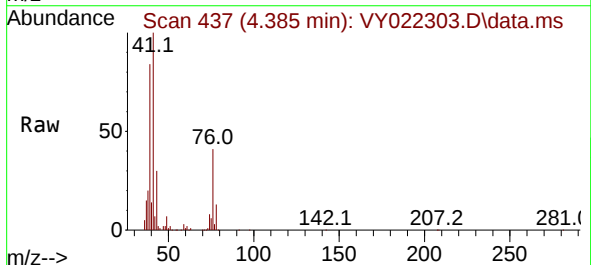
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

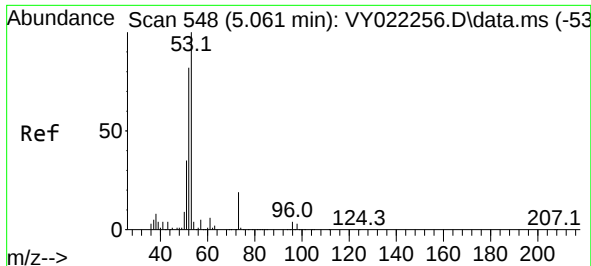
Tgt Ion: 56 Resp: 37396
Ion Ratio Lower Upper
56 100
55 74.3 55.6 83.4



#14
Allyl chloride
Concen: 44.412 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 41 Resp: 188875
Ion Ratio Lower Upper
41 100
39 81.3 63.4 95.0
76 39.7 29.5 44.3

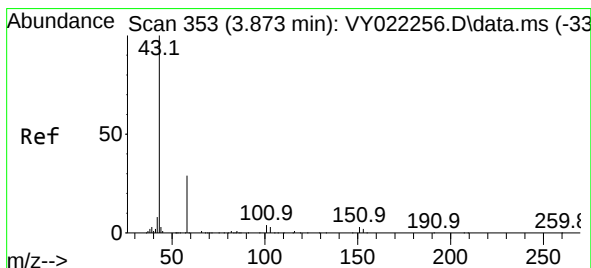
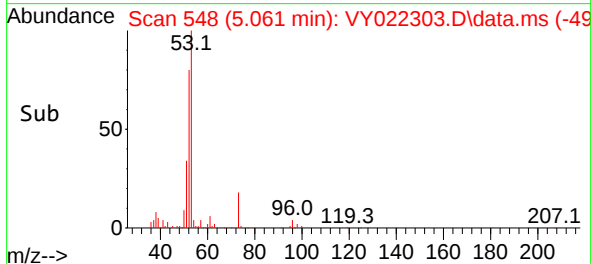
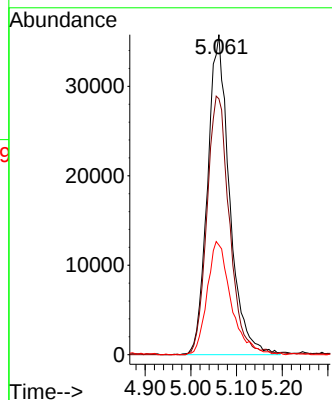
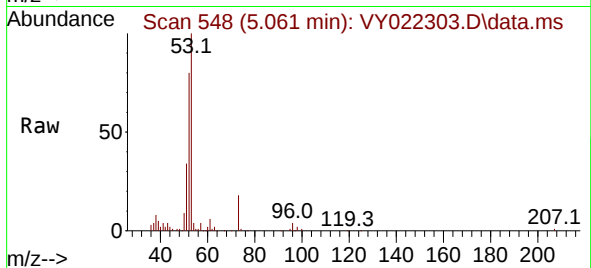




#15
Acrylonitrile
Concen: 215.208 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

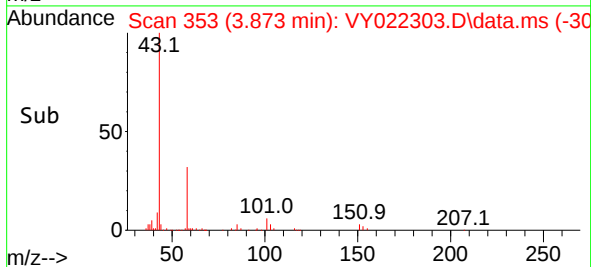
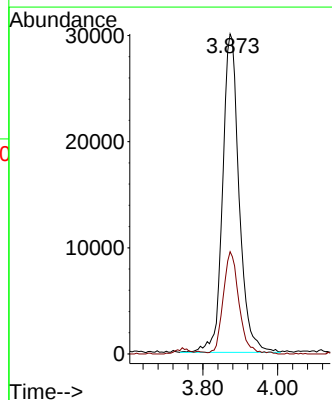
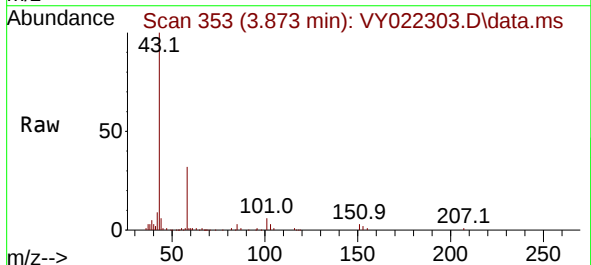
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

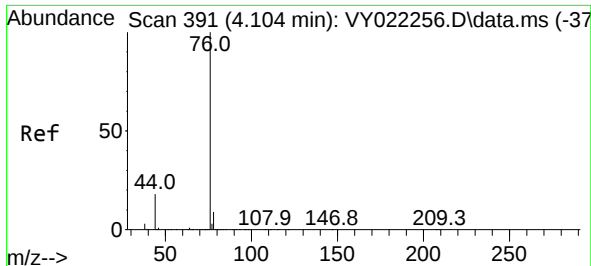
Tgt Ion: 53 Resp: 119810
Ion Ratio Lower Upper
53 100
52 82.8 66.1 99.1
51 38.3 30.0 45.0



#16
Acetone
Concen: 198.172 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 43 Resp: 92085
Ion Ratio Lower Upper
43 100
58 32.1 23.6 35.4

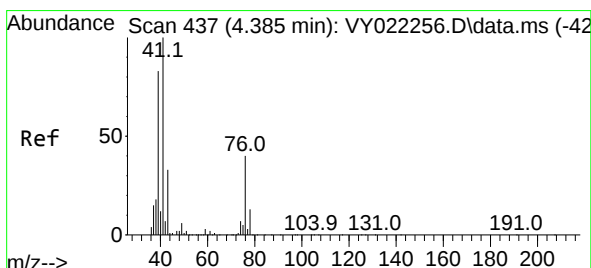
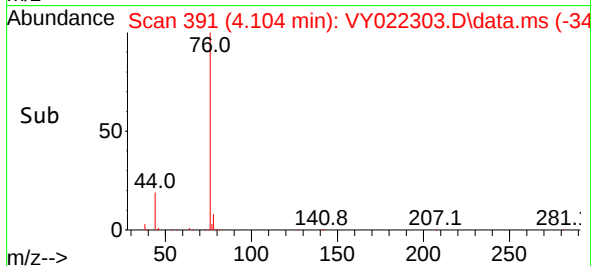
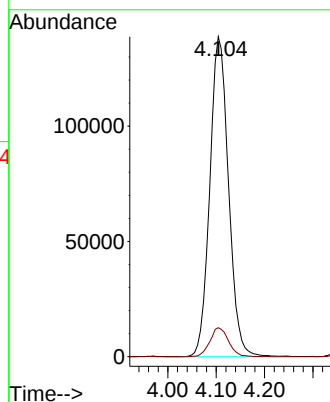
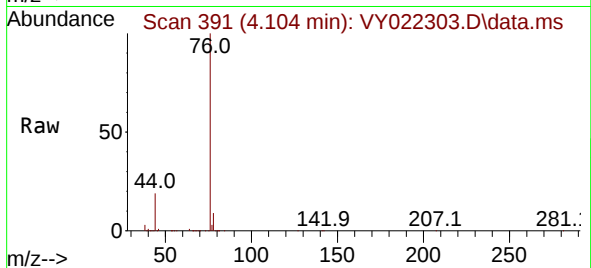




#17
Carbon Disulfide
Concen: 47.162 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

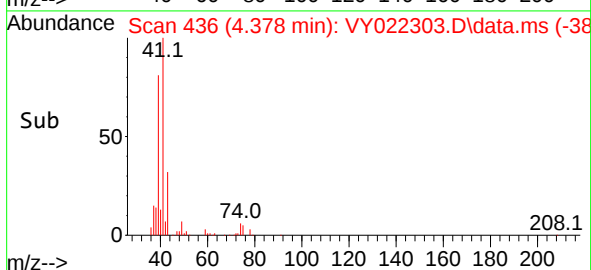
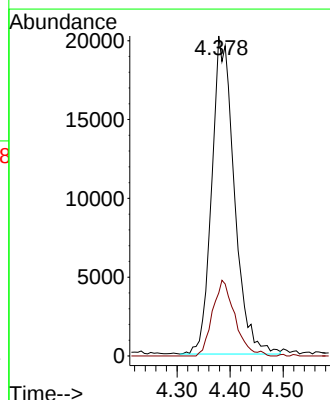
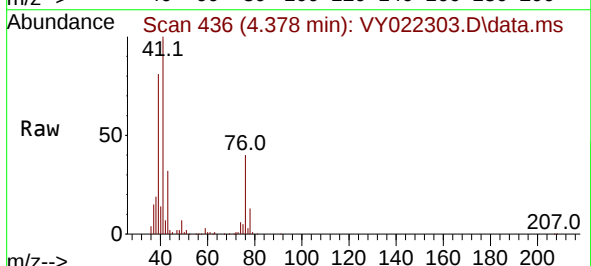
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

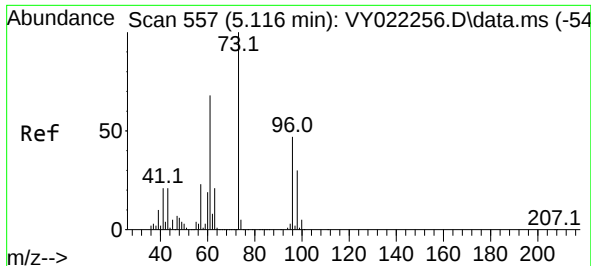
Tgt Ion: 76 Resp: 373012
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 40.670 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 43 Resp: 59584
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.4

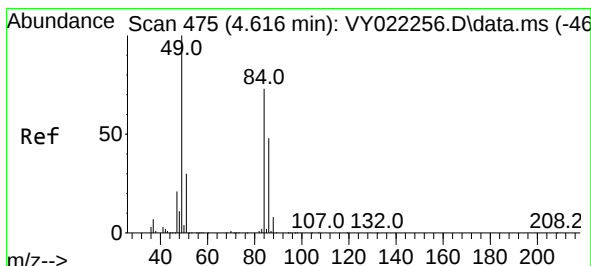
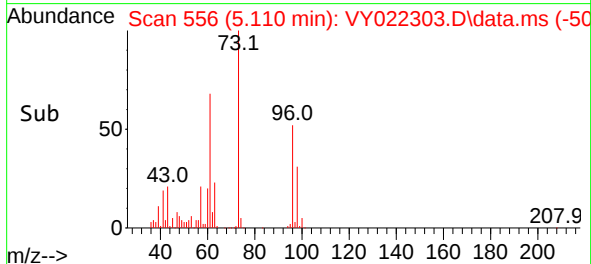
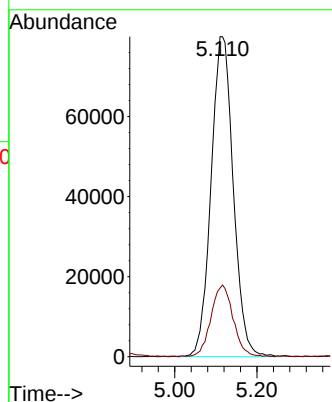
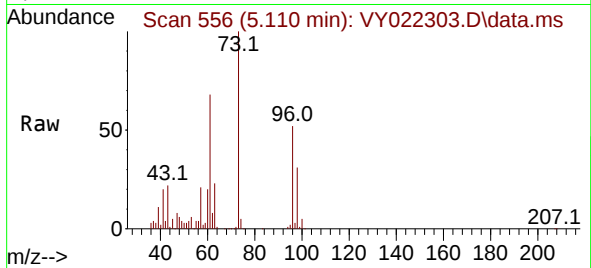




#19
Methyl tert-butyl Ether
Concen: 44.815 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

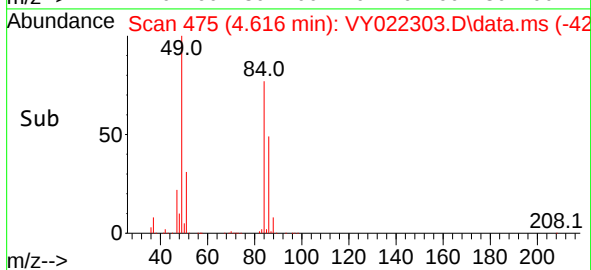
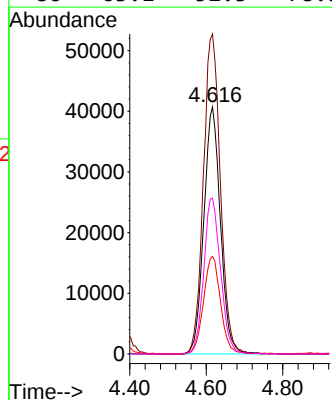
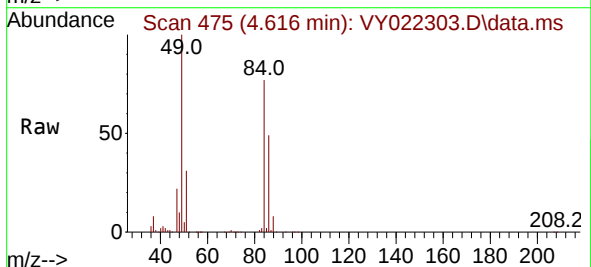
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

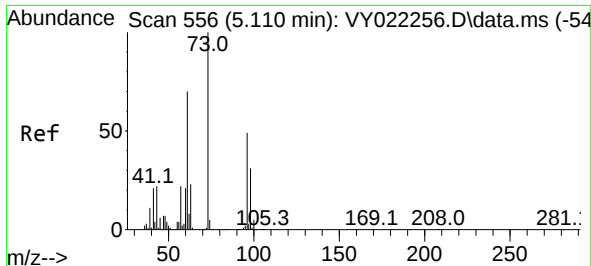
Tgt Ion: 73 Resp: 299714
Ion Ratio Lower Upper
73 100
57 21.3 18.6 28.0



#20
Methylene Chloride
Concen: 40.894 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 84 Resp: 122787
Ion Ratio Lower Upper
84 100
49 129.6 109.6 164.4
51 39.5 32.4 48.6
86 63.1 52.3 78.5

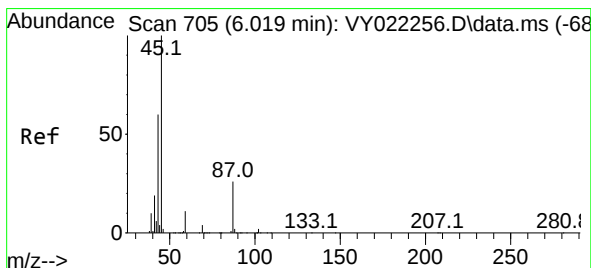
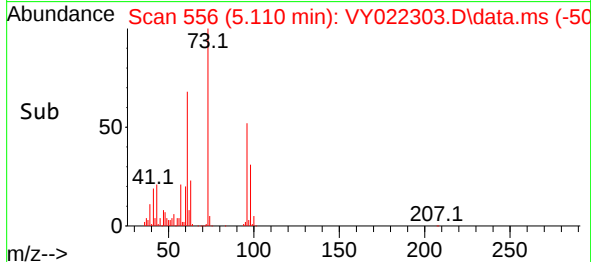
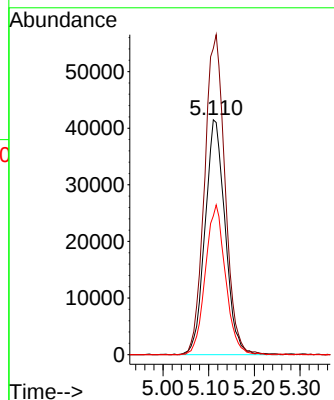
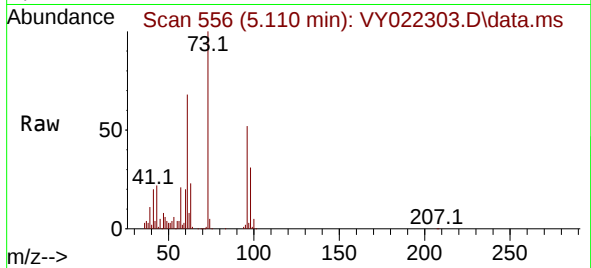




#21
trans-1,2-Dichloroethene
Concen: 47.410 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

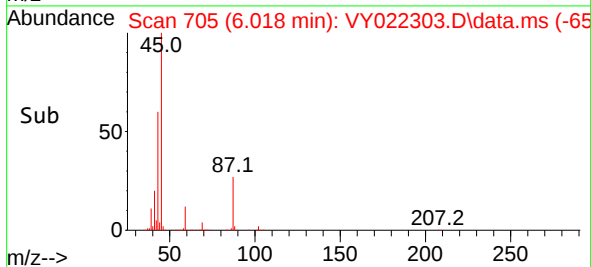
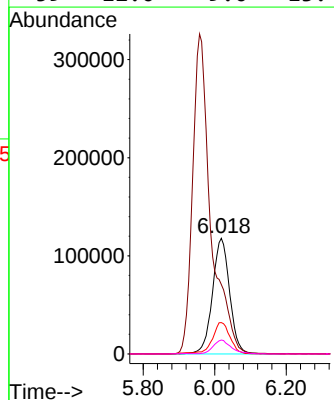
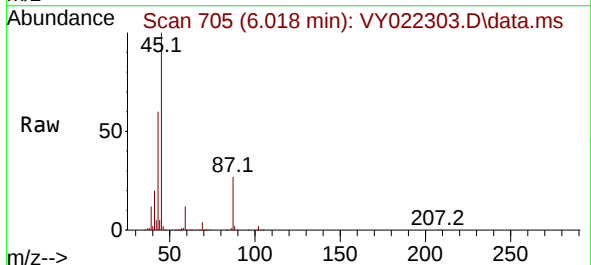
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

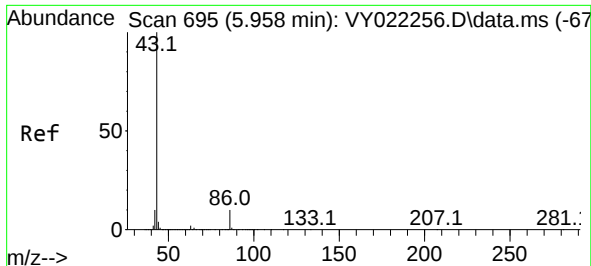
Tgt Ion: 96 Resp: 126924
Ion Ratio Lower Upper
96 100
61 130.3 113.4 170.0
98 59.1 50.9 76.3



#22
Diisopropyl ether
Concen: 43.870 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 45 Resp: 394002
Ion Ratio Lower Upper
45 100
43 59.8 48.2 72.2
87 27.1 21.4 32.0
59 12.0 9.0 13.4

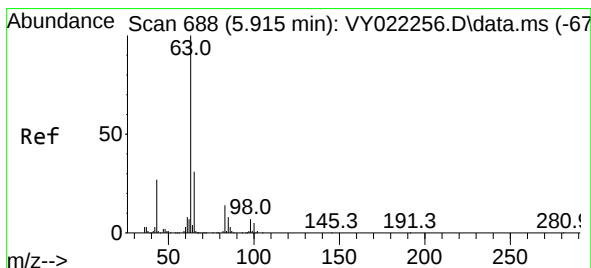
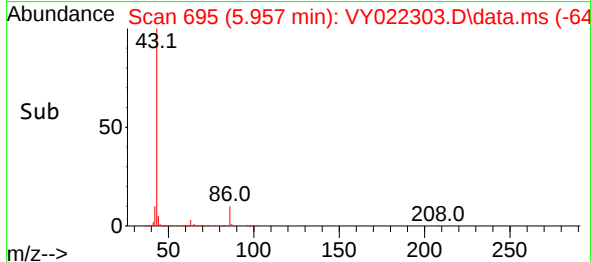
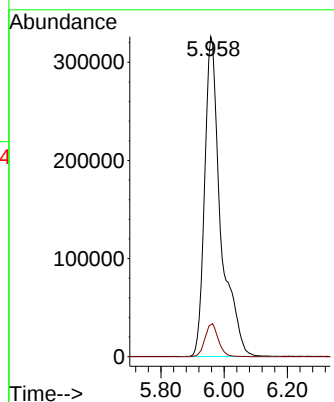
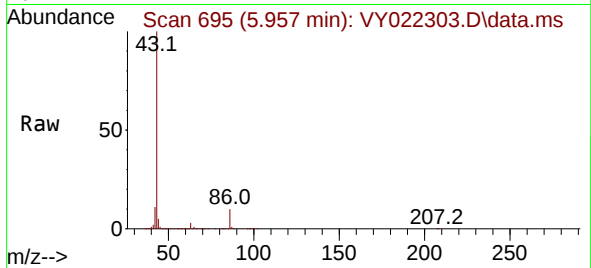




#23
 Vinyl Acetate
 Concen: 212.665 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

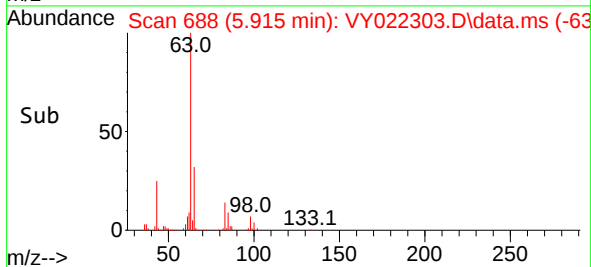
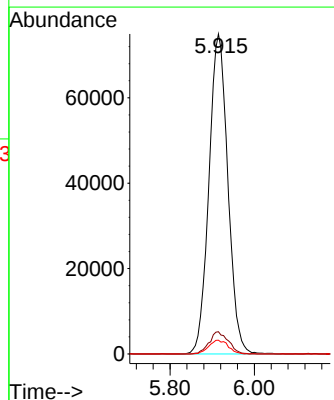
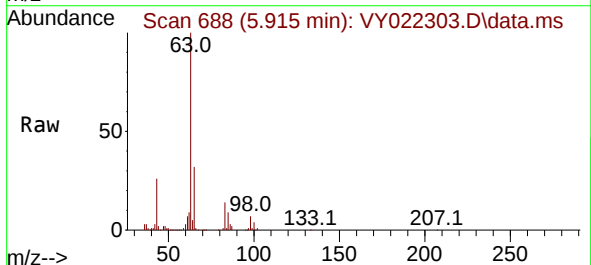
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

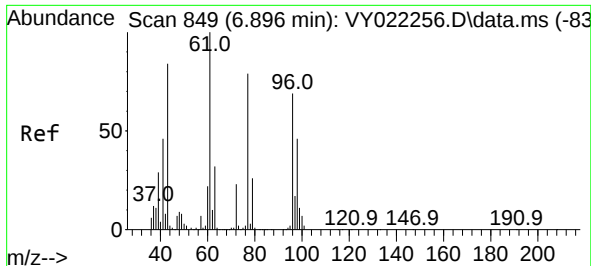
Tgt Ion: 43 Resp: 1153872
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.546 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

Tgt Ion: 63 Resp: 233548
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.3 2.4 7.2

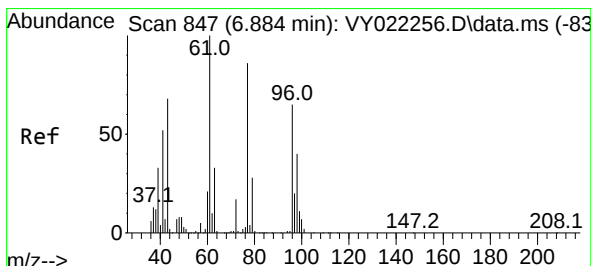
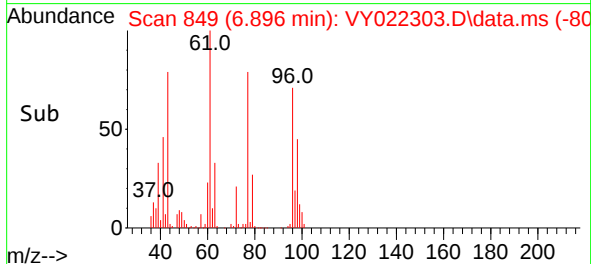
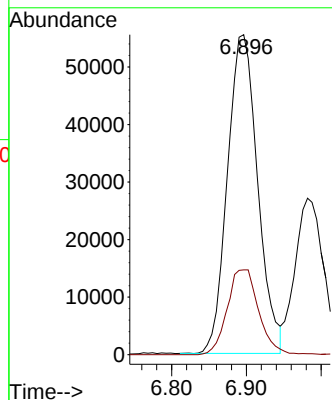
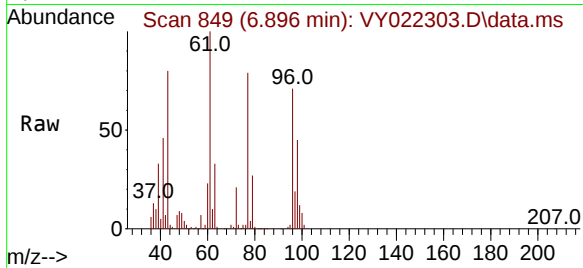




#25
2-Butanone
Concen: 200.639 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

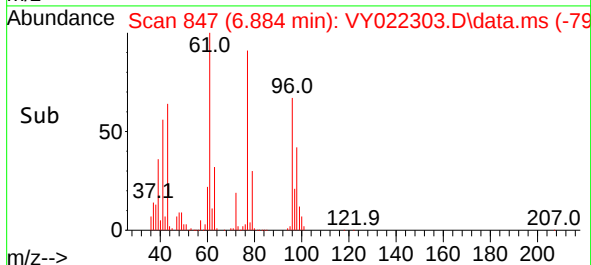
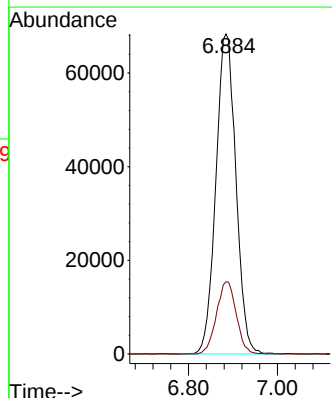
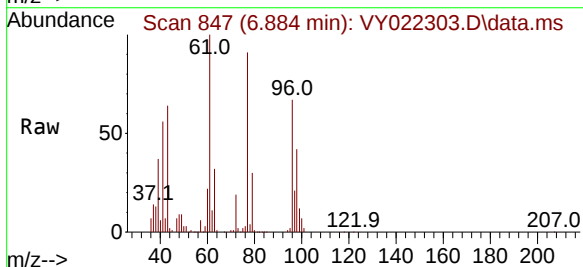
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

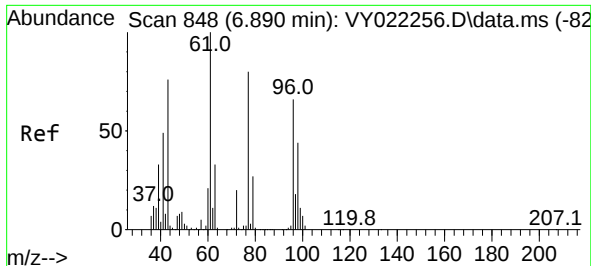
Tgt Ion: 43 Resp: 155949
Ion Ratio Lower Upper
43 100
72 26.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 47.772 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 77 Resp: 213195
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5

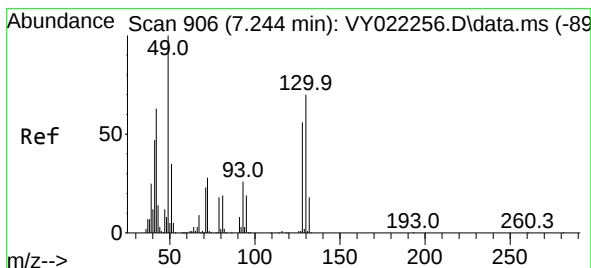
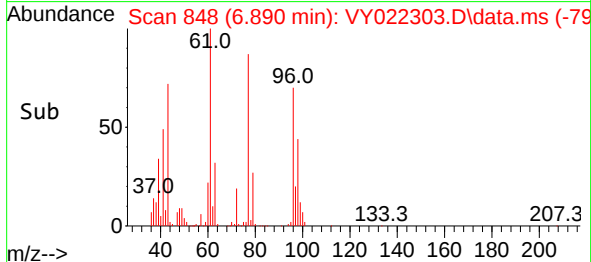
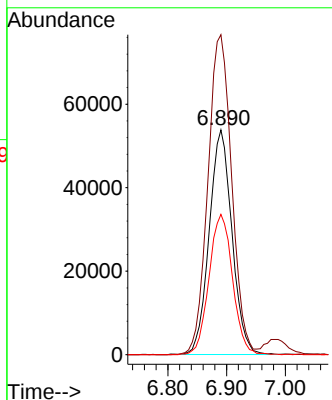
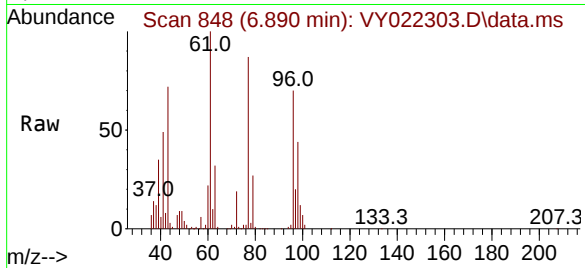




#27
 cis-1,2-Dichloroethene
 Concen: 46.812 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

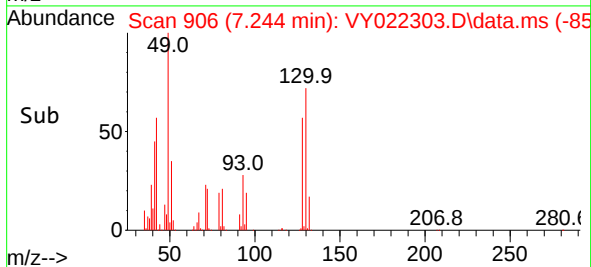
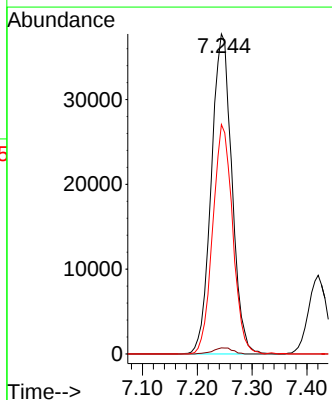
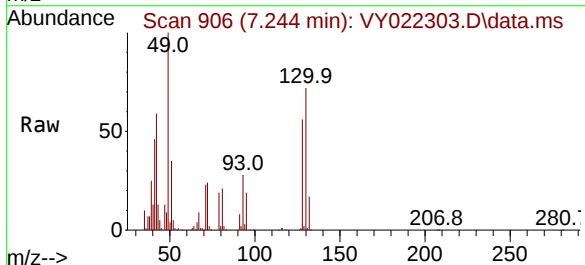
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

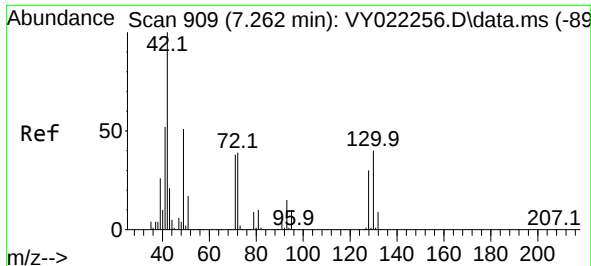
Tgt Ion: 96 Resp: 144620
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 302.6
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.966 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

Tgt Ion: 49 Resp: 98377
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 69.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 209.360 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

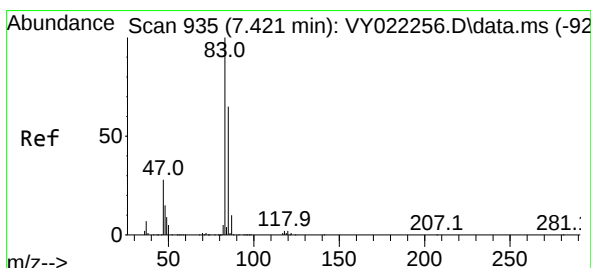
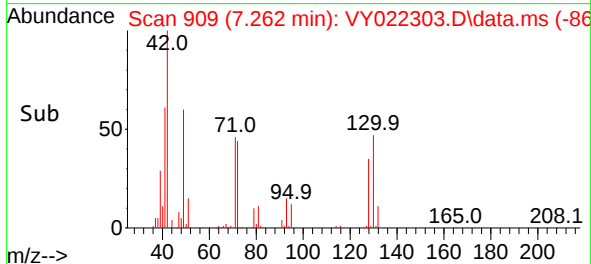
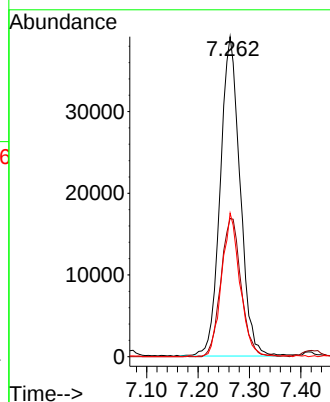
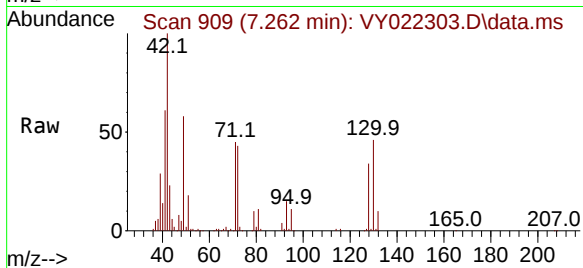
Tgt Ion: 42 Resp: 104691

Ion Ratio Lower Upper

42 100

72 44.5 33.8 50.6

71 41.7 31.5 47.3



#30

Chloroform

Concen: 47.434 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022303.D

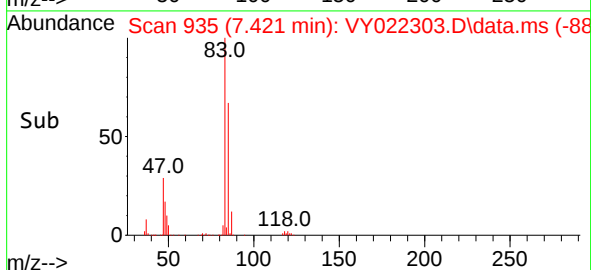
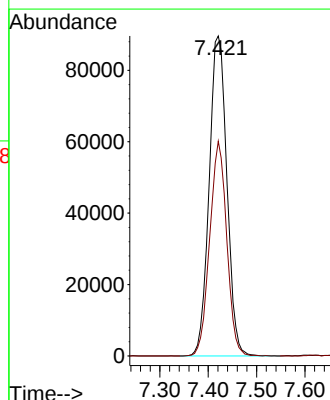
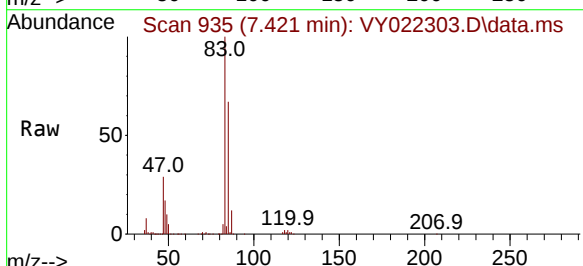
Acq: 19 May 2025 08:27

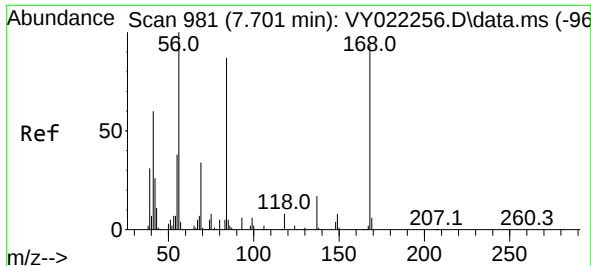
Tgt Ion: 83 Resp: 228289

Ion Ratio Lower Upper

83 100

85 67.1 51.8 77.8

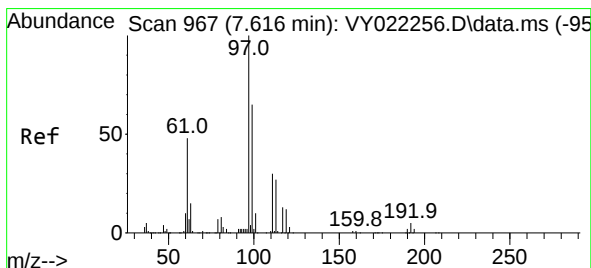
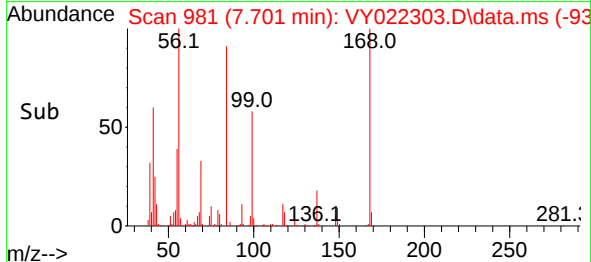
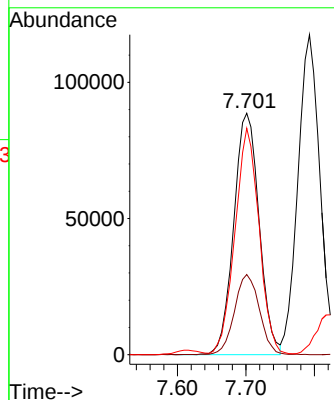
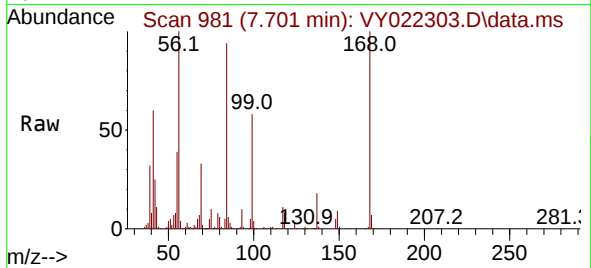




#31
Cyclohexane
Concen: 45.534 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

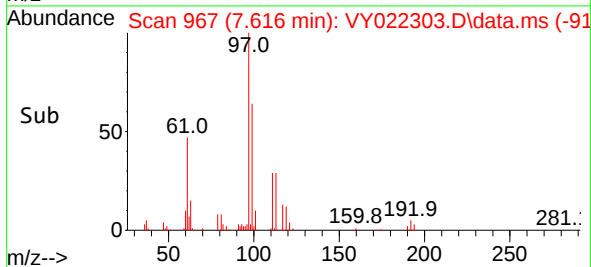
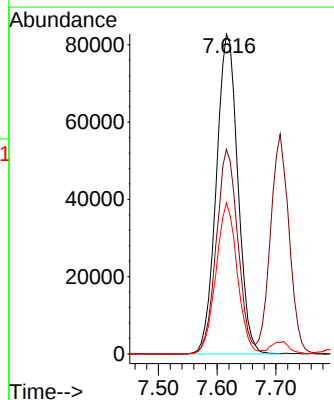
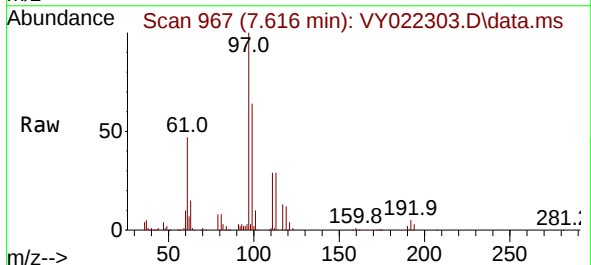
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

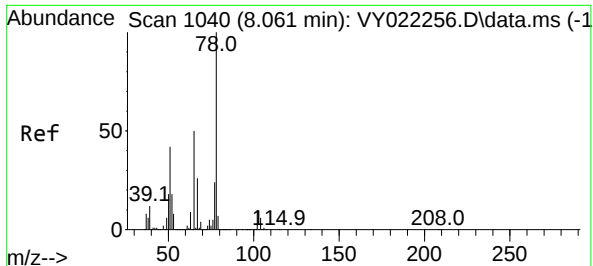
Tgt Ion: 56 Resp: 228271
Ion Ratio Lower Upper
56 100
69 33.1 27.4 41.2
84 92.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.688 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 97 Resp: 210565
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 46.7 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 46.309 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

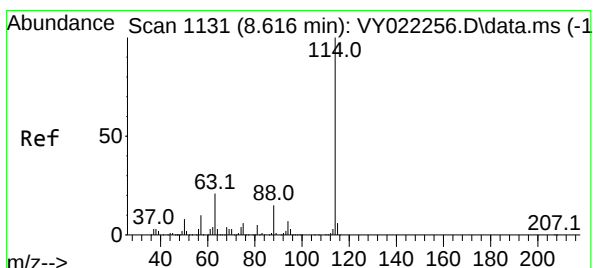
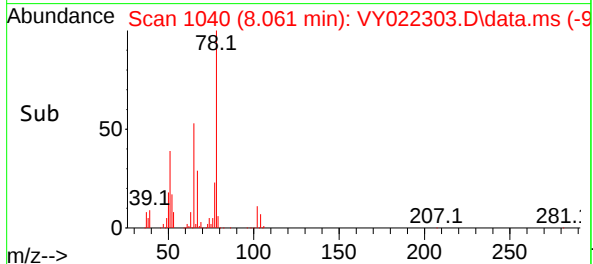
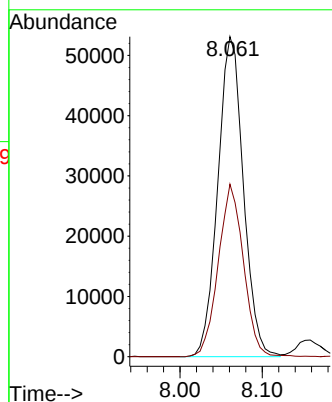
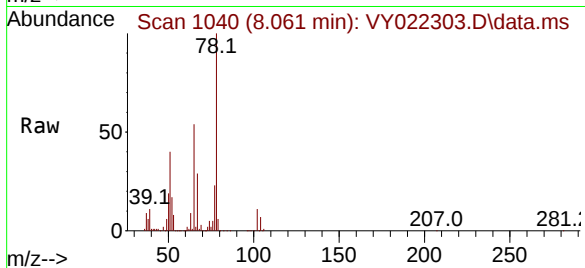
VSTDCCC050

Tgt Ion: 65 Resp: 114762

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

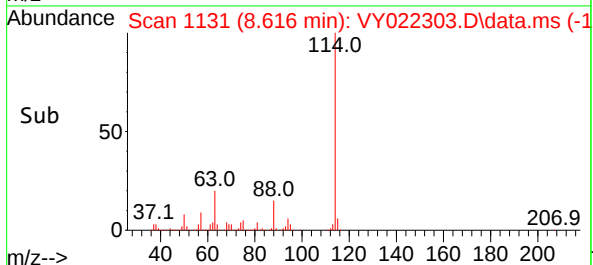
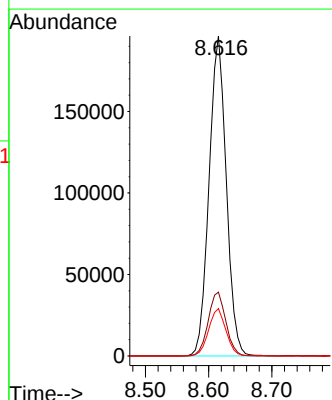
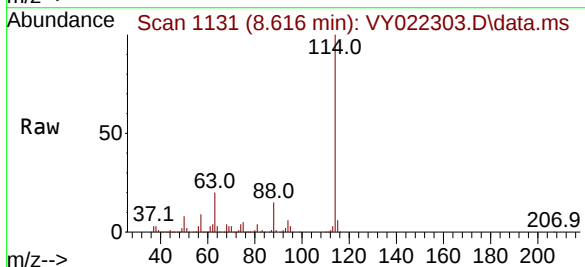
Tgt Ion: 114 Resp: 371882

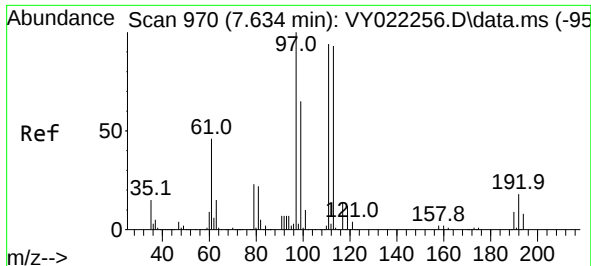
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.294 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

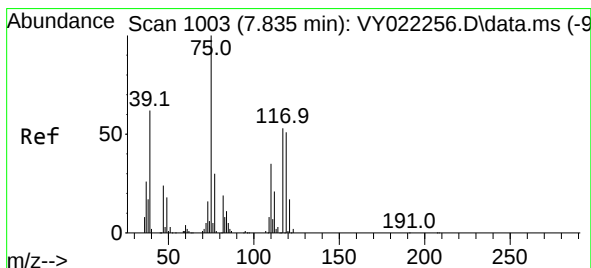
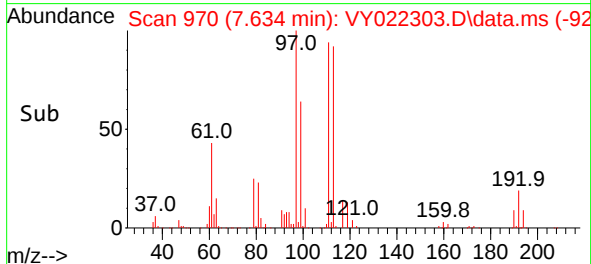
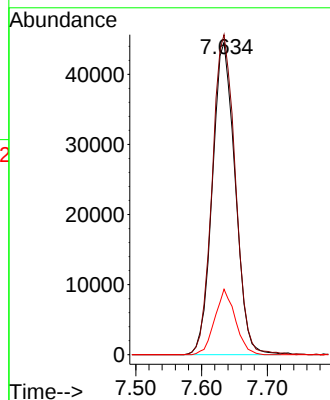
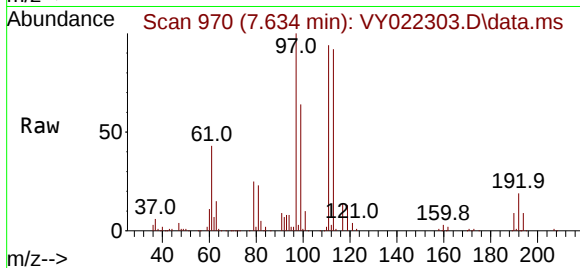
Tgt Ion:113 Resp: 107193

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 19.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 48.649 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

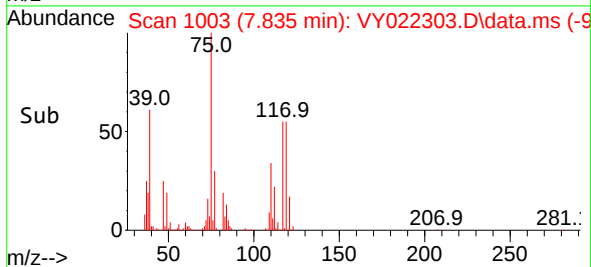
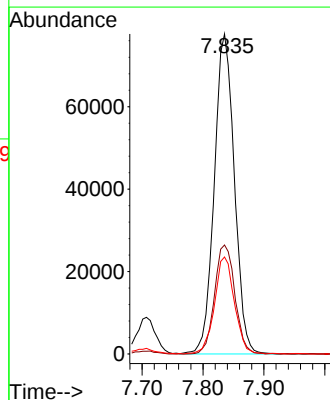
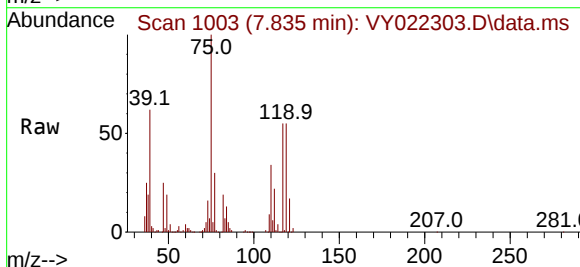
Tgt Ion: 75 Resp: 177858

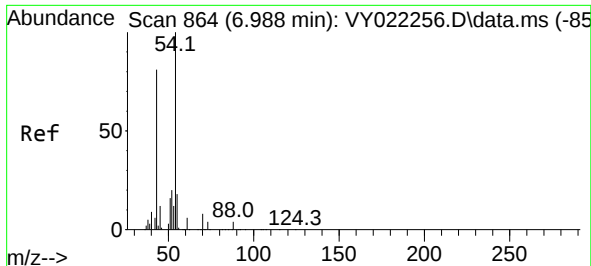
Ion Ratio Lower Upper

75 100

110 34.5 16.6 49.8

77 30.0 24.6 37.0

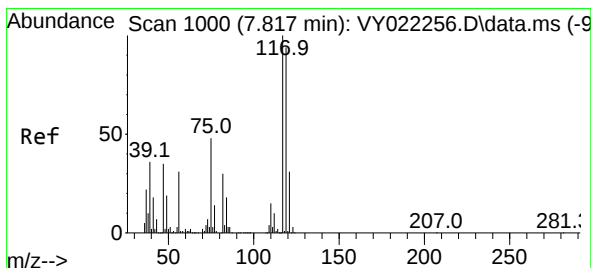
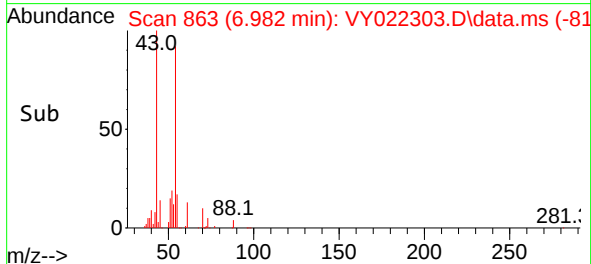
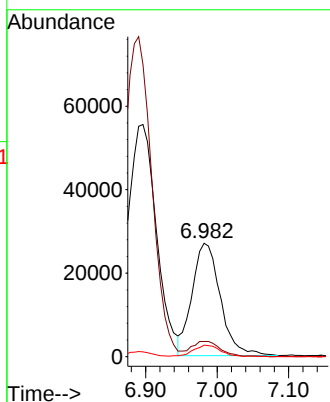
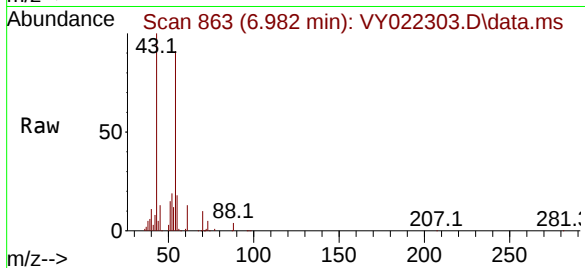




#37
Ethyl Acetate
Concen: 42.138 ug/l
RT: 6.982 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

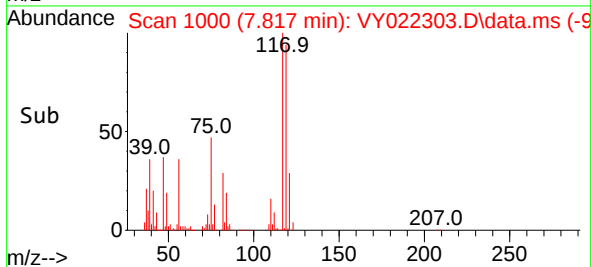
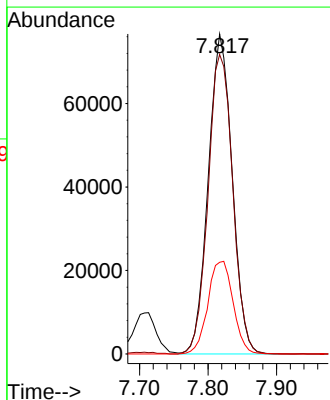
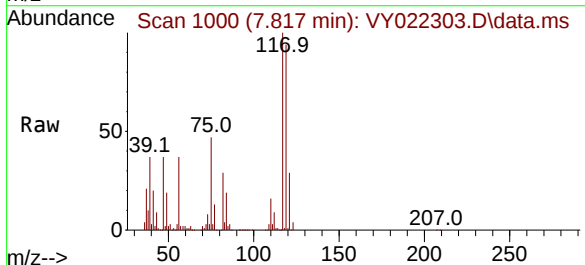
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

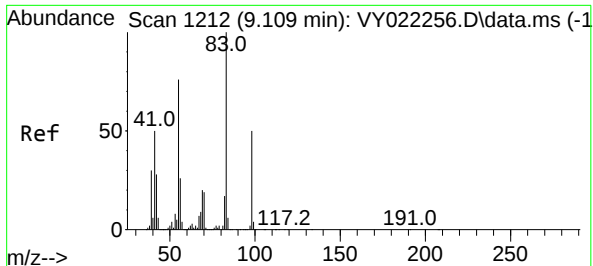
Tgt Ion: 43 Resp: 74123
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.2
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.136 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 117 Resp: 185946
Ion Ratio Lower Upper
117 100
119 93.6 75.3 112.9
121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 49.884 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

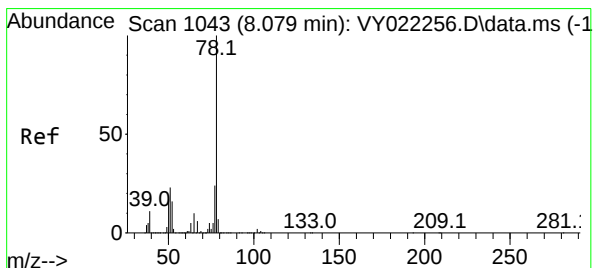
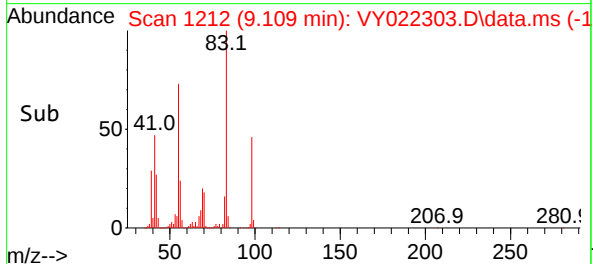
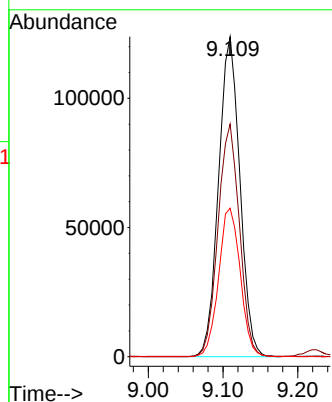
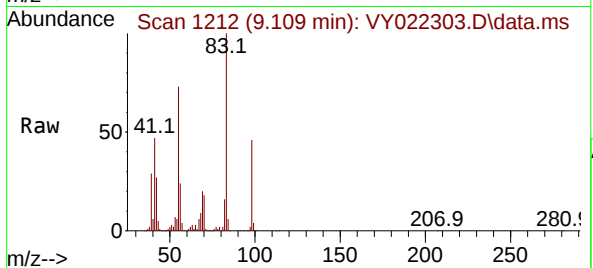
Tgt Ion: 83 Resp: 245018

Ion Ratio Lower Upper

83 100

55 72.6 60.6 90.8

98 46.4 40.0 60.0



#40

Benzene

Concen: 47.813 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022303.D

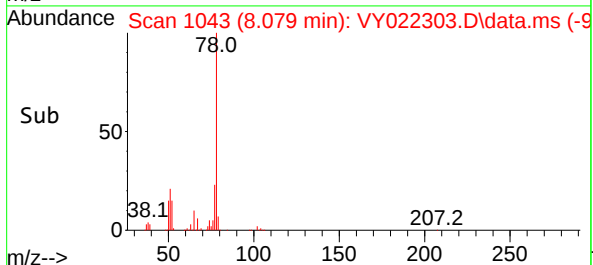
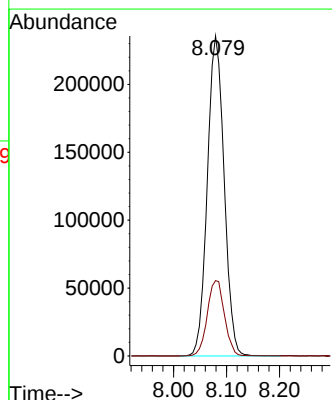
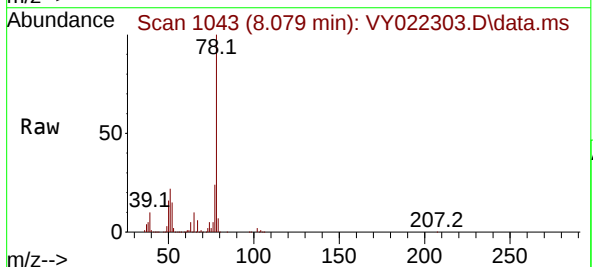
Acq: 19 May 2025 08:27

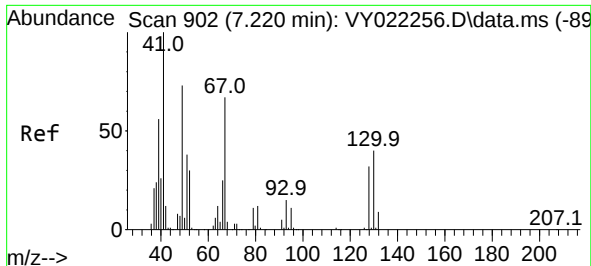
Tgt Ion: 78 Resp: 518202

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3

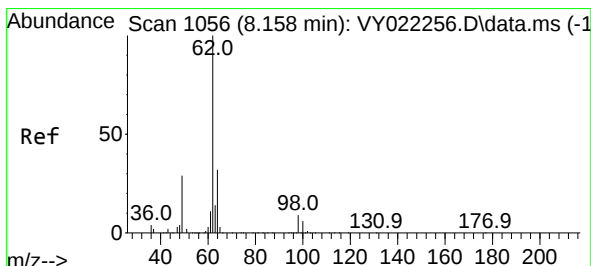
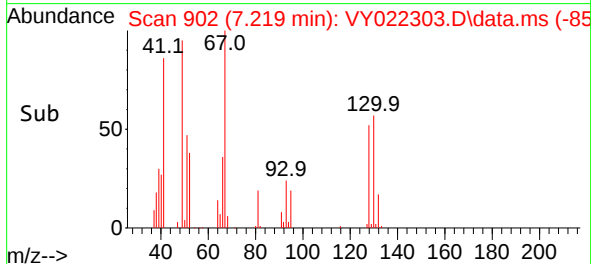
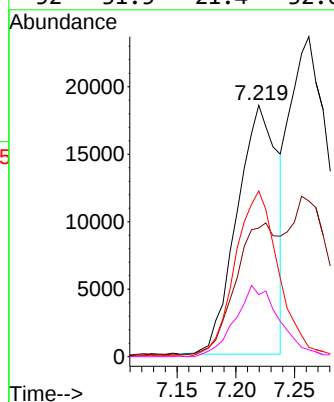
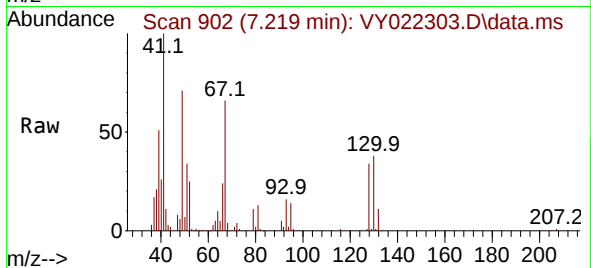




#41
Methacrylonitrile
Concen: 37.986 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

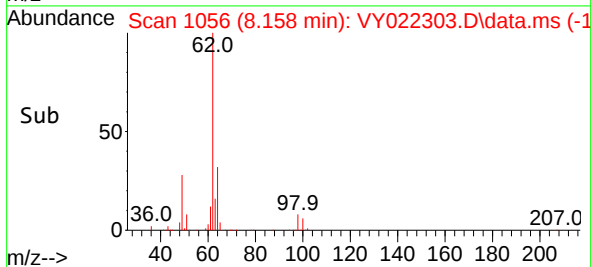
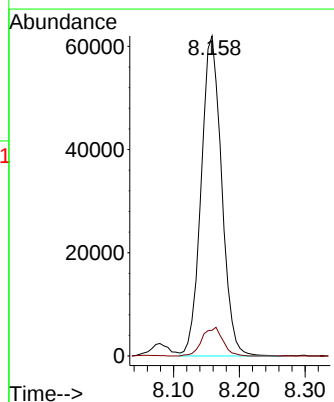
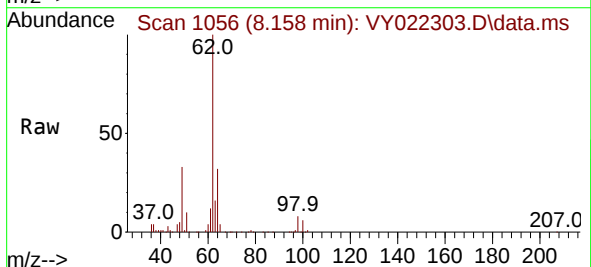
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

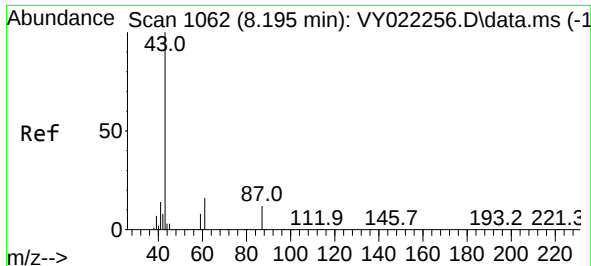
Tgt Ion:	41	Resp:	44324
Ion	Ratio	Lower	Upper
41	100		
39	56.5	39.1	58.7
67	72.6	47.1	70.7
52	31.5	21.4	32.0



#42
1,2-Dichloroethane
Concen: 45.719 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:	62	Resp:	133999
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

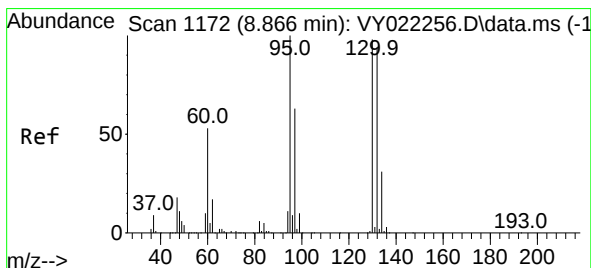
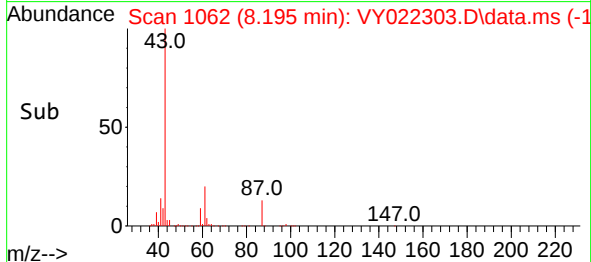
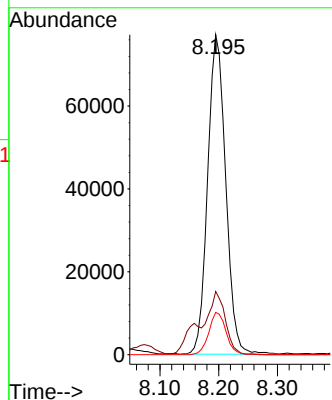
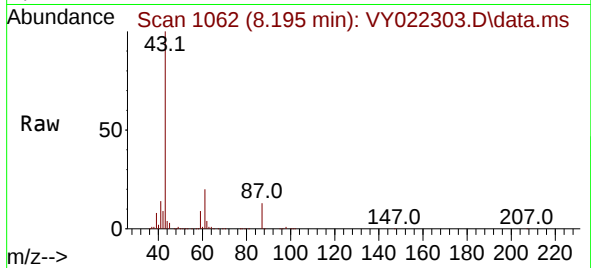




#43
Isopropyl Acetate
Concen: 42.921 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

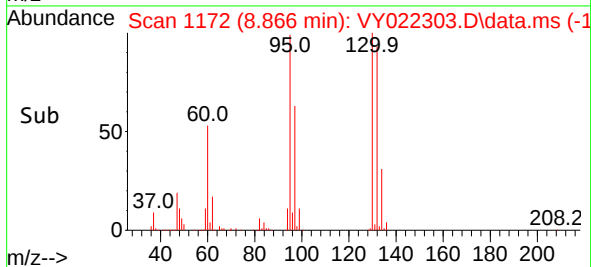
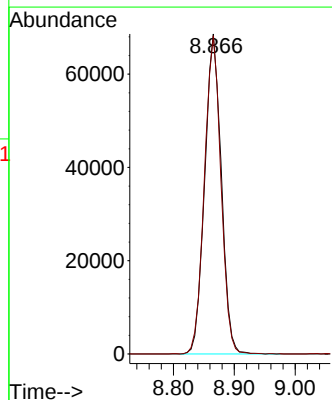
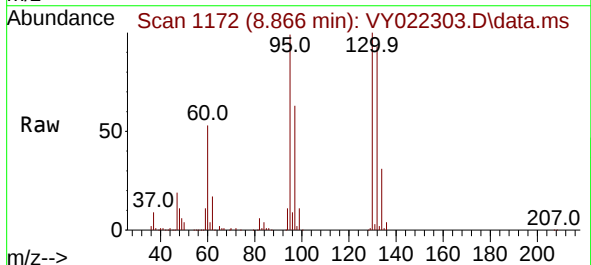
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

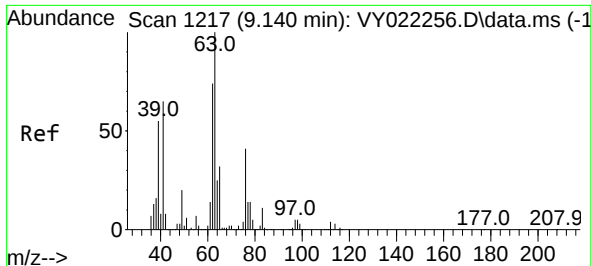
Tgt Ion: 43 Resp: 164658
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 12.7 9.7 14.5



#44
Trichloroethene
Concen: 48.183 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:130 Resp: 129847
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 46.575 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

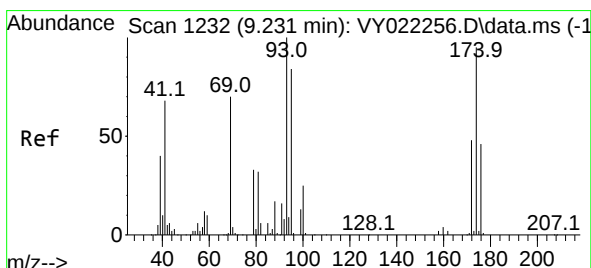
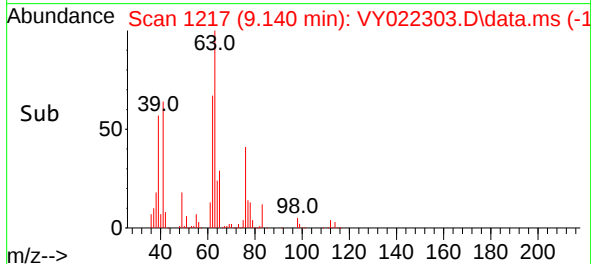
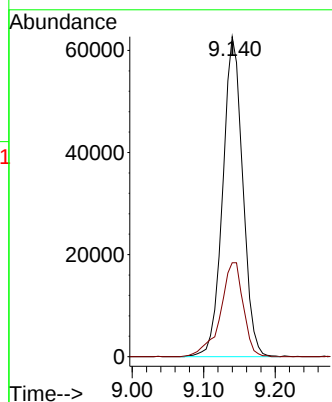
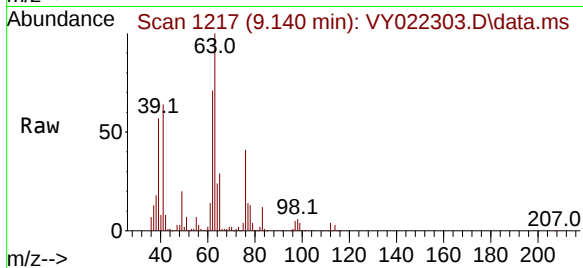
VSTDCCC050

Tgt Ion: 63 Resp: 121700

Ion Ratio Lower Upper

63 100

65 29.3 25.7 38.5



#46

Dibromomethane

Concen: 45.943 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

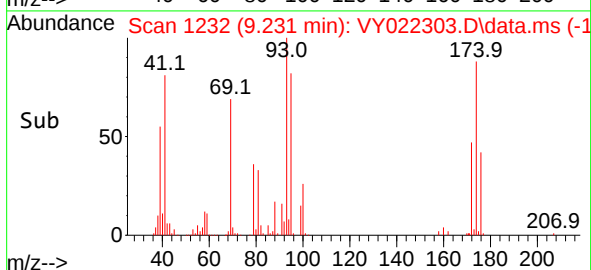
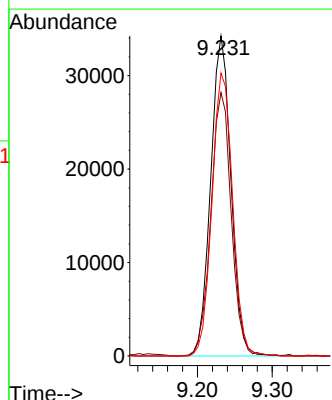
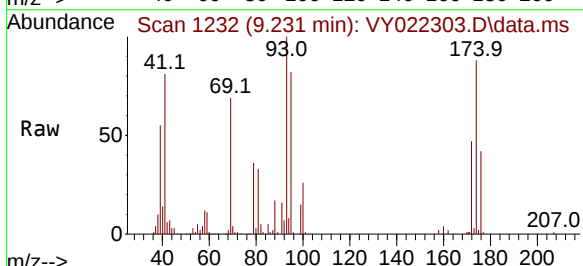
Tgt Ion: 93 Resp: 64749

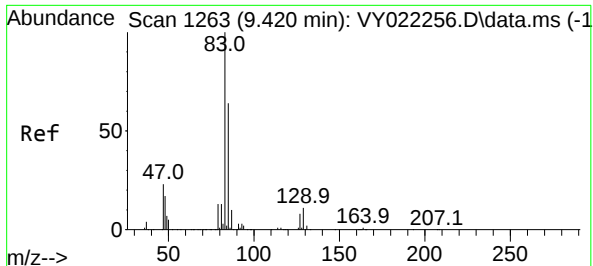
Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

174 90.0 74.3 111.5





#47

Bromodichloromethane

Concen: 47.343 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

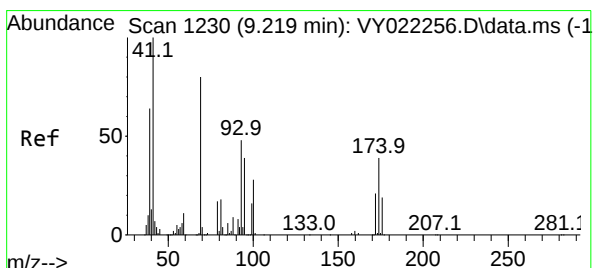
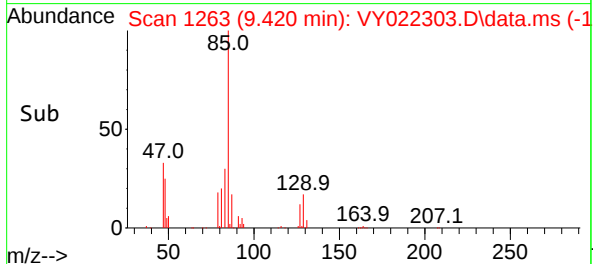
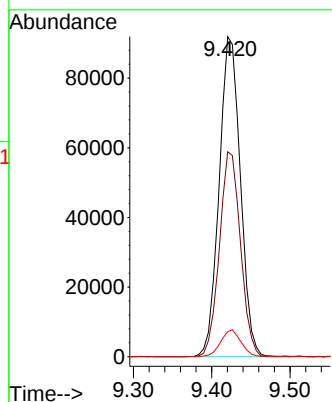
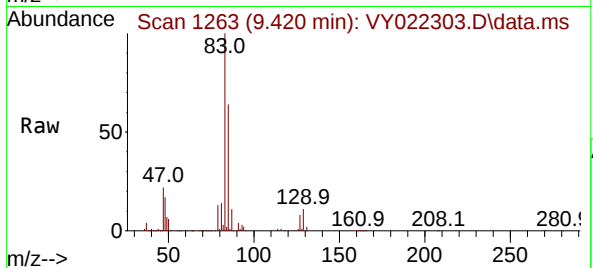
Tgt Ion: 83 Resp: 173095

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 41.892 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

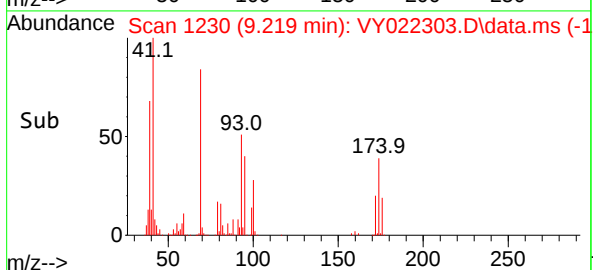
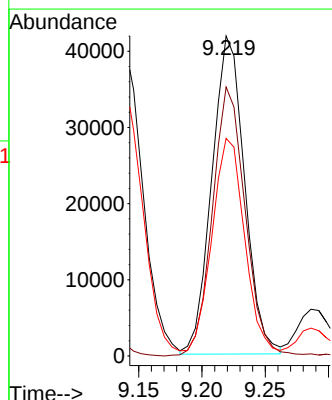
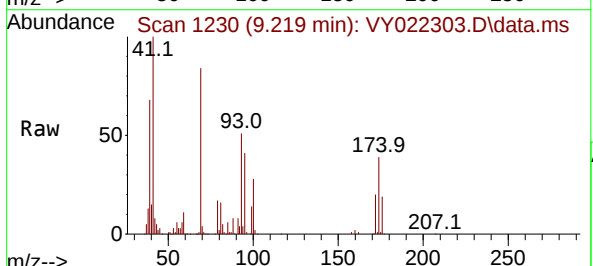
Tgt Ion: 41 Resp: 75158

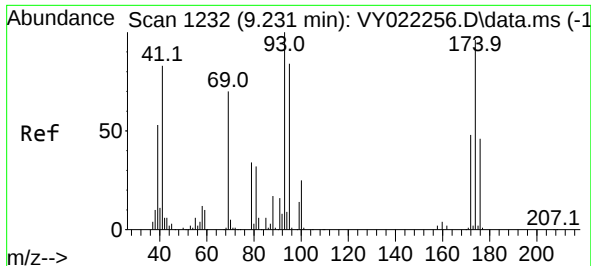
Ion Ratio Lower Upper

41 100

69 84.9 63.5 95.3

39 66.0 50.8 76.2





#49

1,4-Dioxane

Concen: 894.779 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

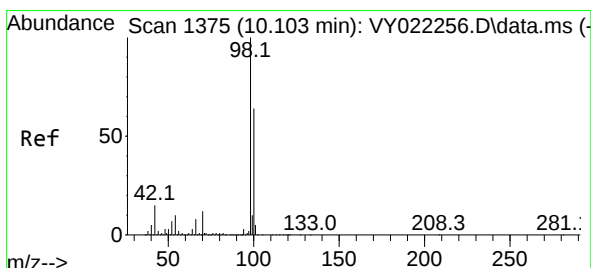
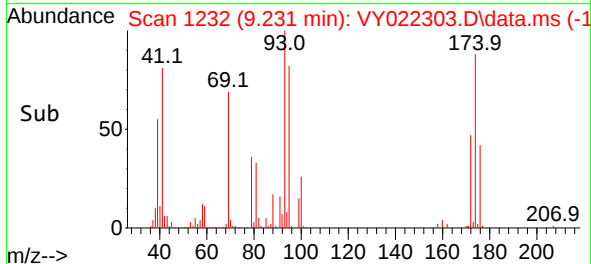
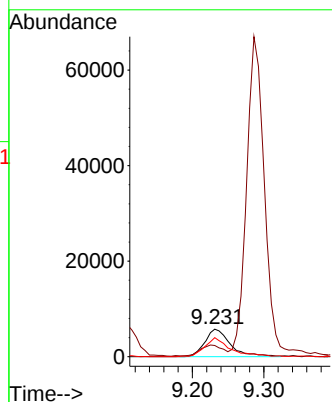
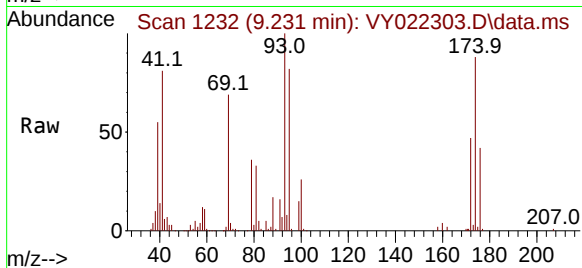
Tgt Ion: 88 Resp: 14246

Ion Ratio Lower Upper

88 100

43 36.2 28.5 42.7

58 69.9 61.4 92.2



#50

Toluene-d8

Concen: 48.568 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022303.D

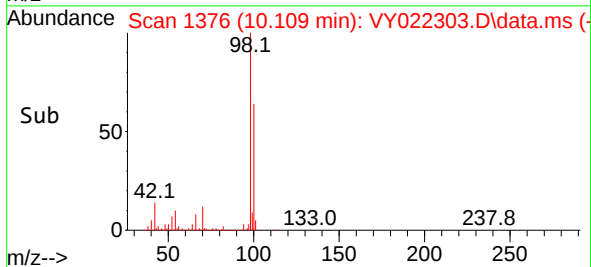
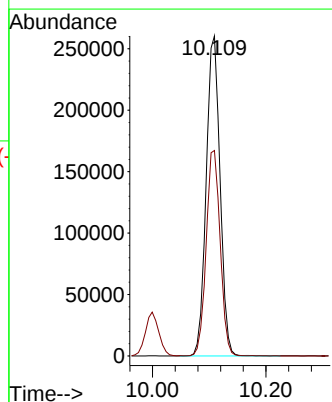
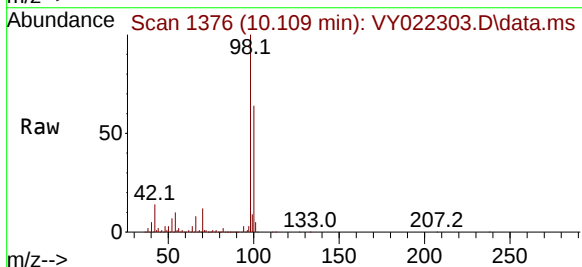
Acq: 19 May 2025 08:27

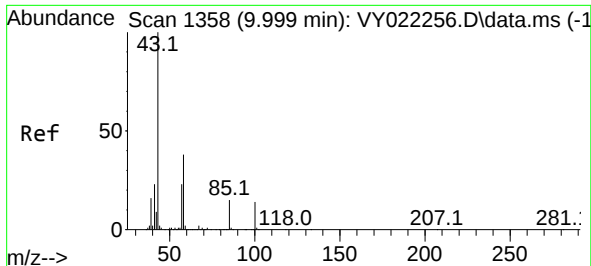
Tgt Ion: 98 Resp: 441509

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8

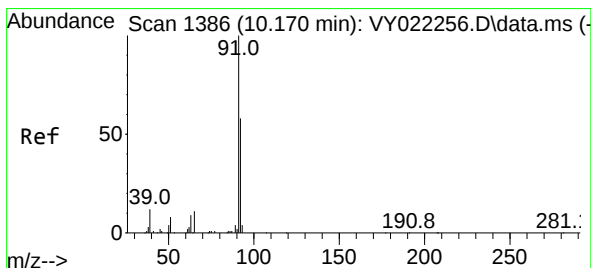
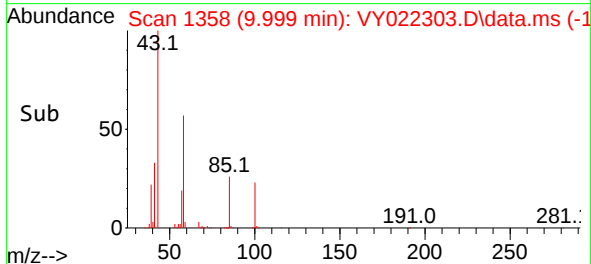
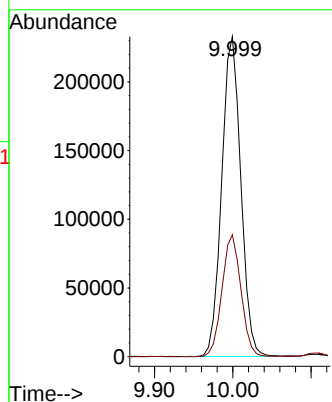
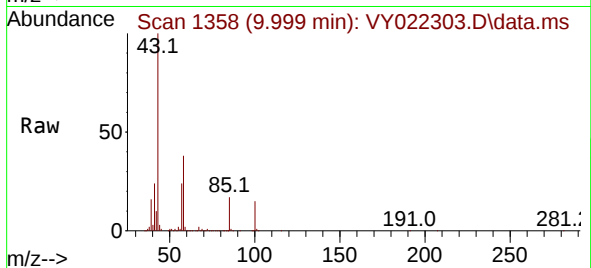




#51
4-Methyl-2-Pentanone
Concen: 210.035 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

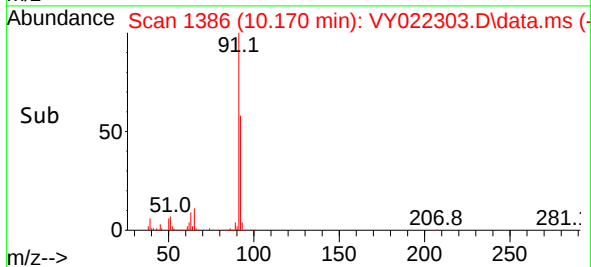
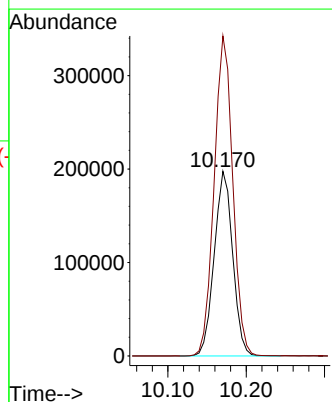
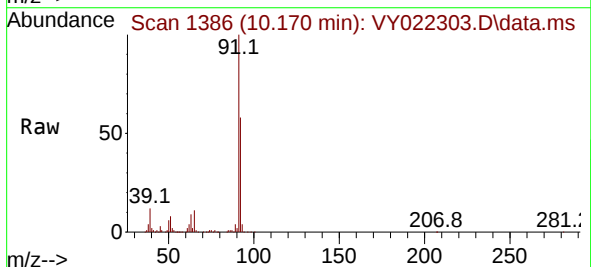
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

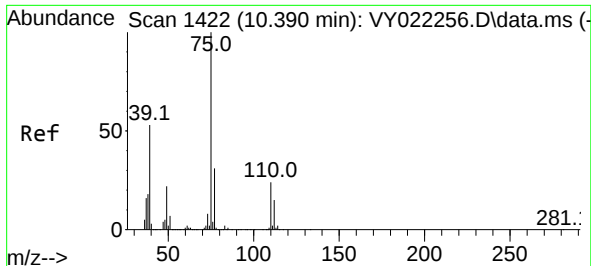
Tgt Ion: 43 Resp: 395363
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.2



#52
Toluene
Concen: 47.193 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 92 Resp: 323890
Ion Ratio Lower Upper
92 100
91 174.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 45.752 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

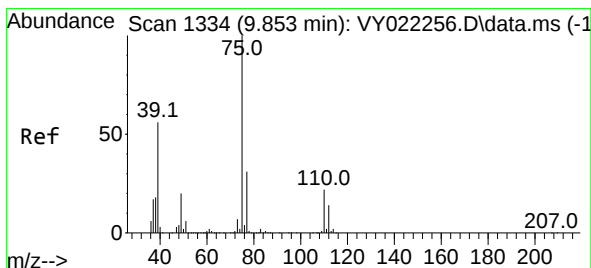
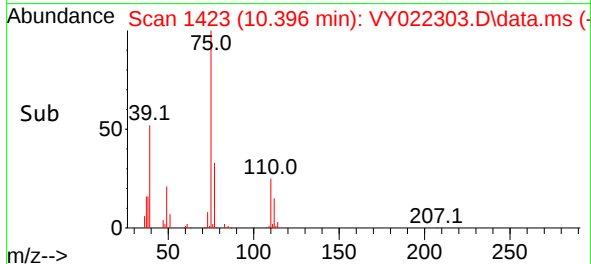
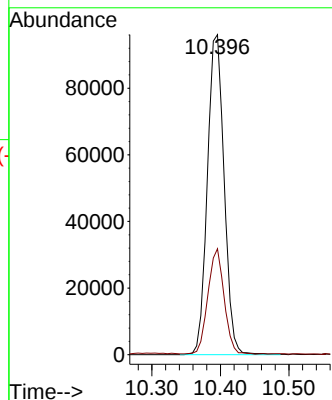
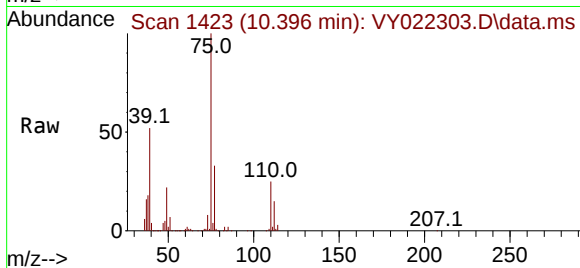
VSTDCCC050

Tgt Ion: 75 Resp: 163246

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 46.324 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

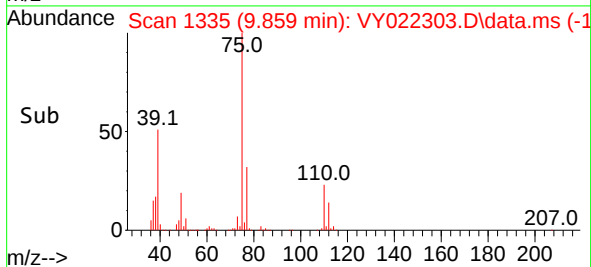
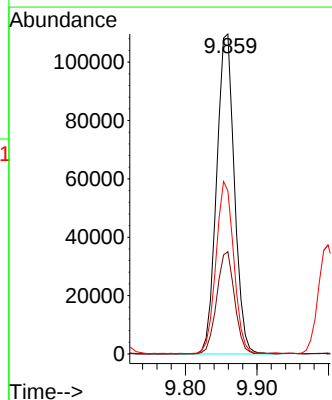
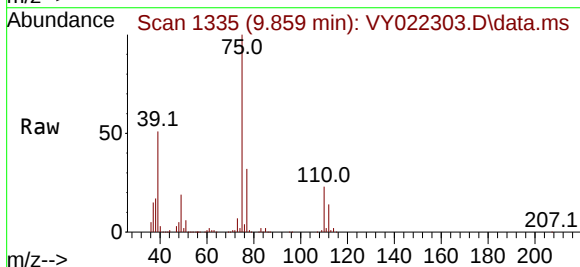
Tgt Ion: 75 Resp: 189374

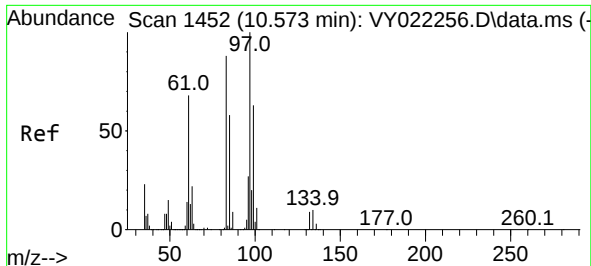
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 50.8 44.5 66.7

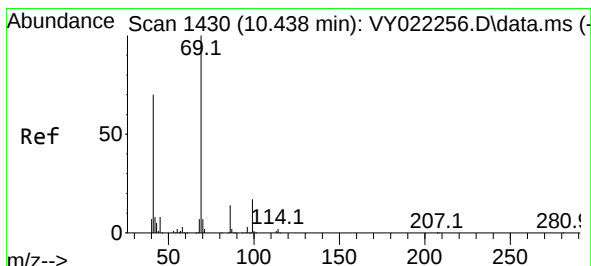
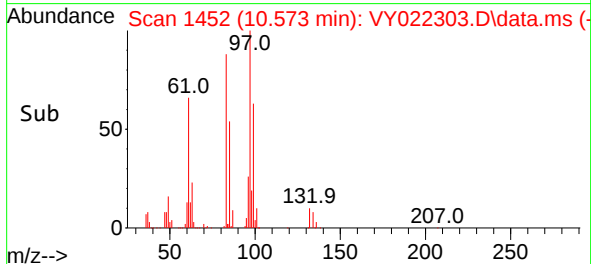
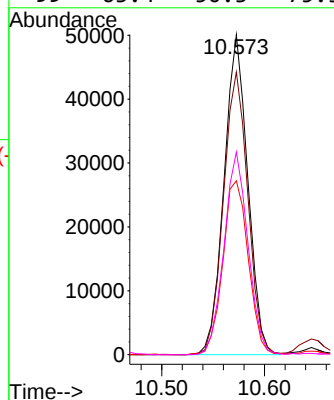
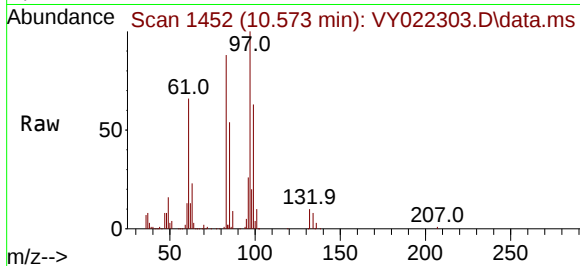




#55
1,1,2-Trichloroethane
Concen: 44.549 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

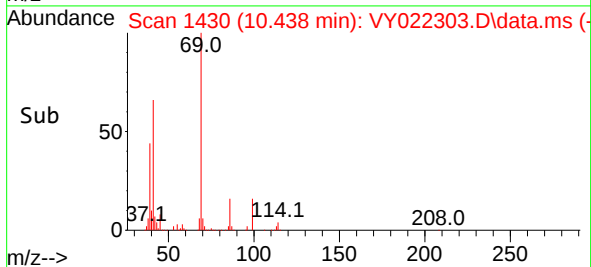
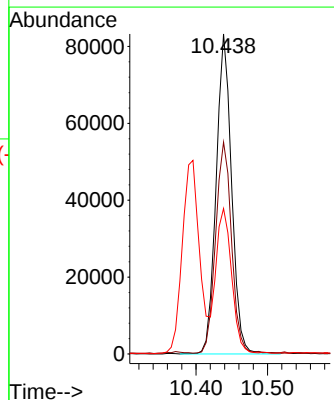
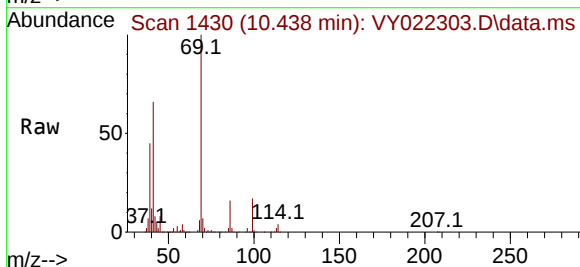
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

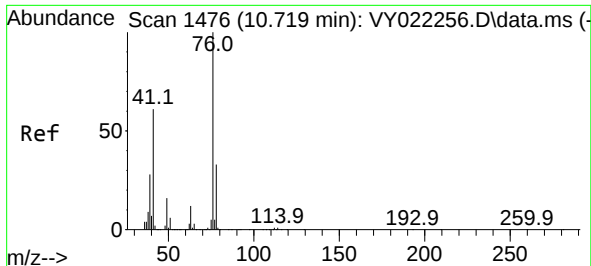
Tgt Ion:	97	Resp:	80398
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.3	105.5
85	54.3	46.2	69.4
99	63.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 44.416 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:	69	Resp:	124860
Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.5	84.7
39	44.5	37.1	55.7





#57

1,3-Dichloropropane

Concen: 45.530 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

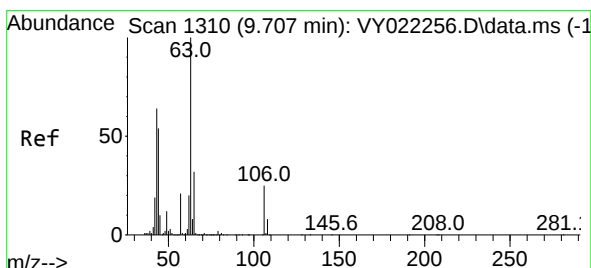
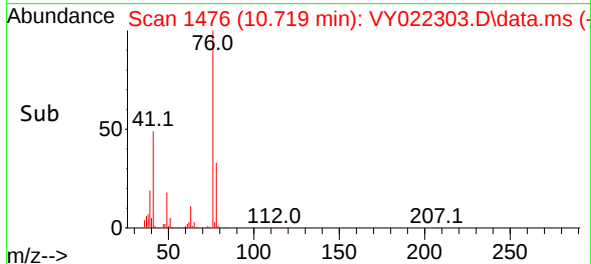
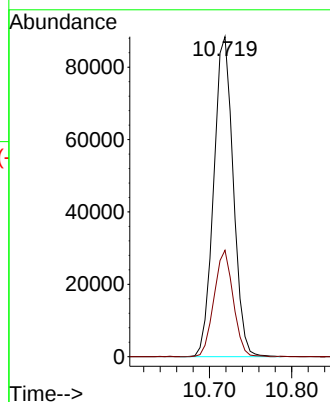
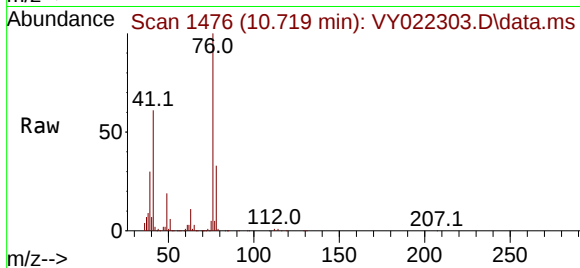
VSTDCCC050

Tgt Ion: 76 Resp: 145992

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 246.231 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022303.D

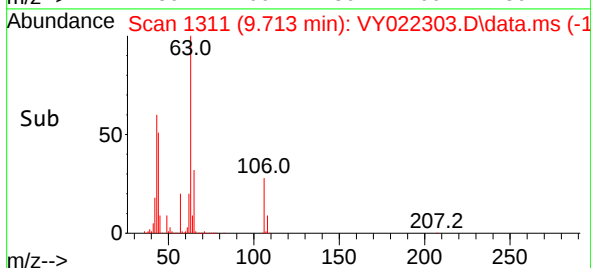
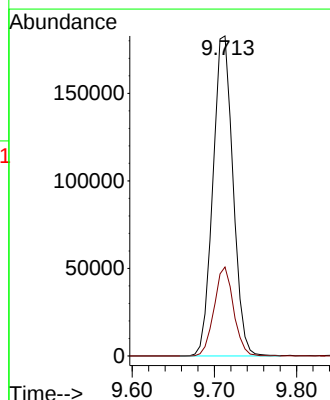
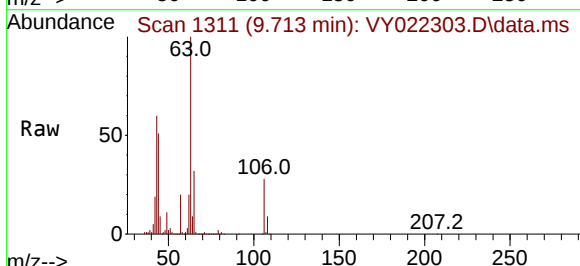
Acq: 19 May 2025 08:27

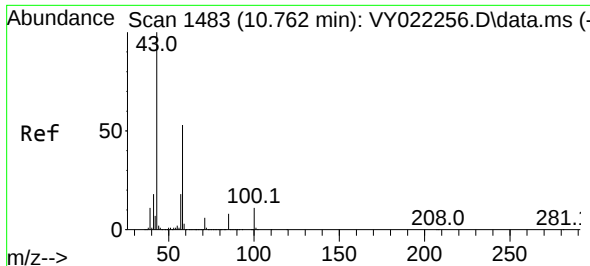
Tgt Ion: 63 Resp: 310691

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.4

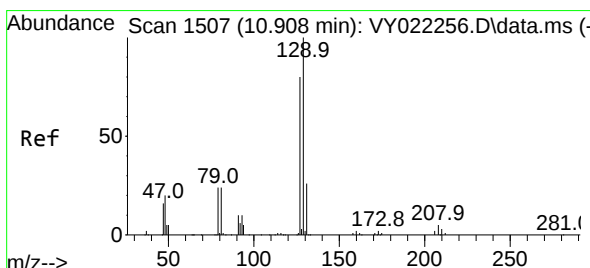
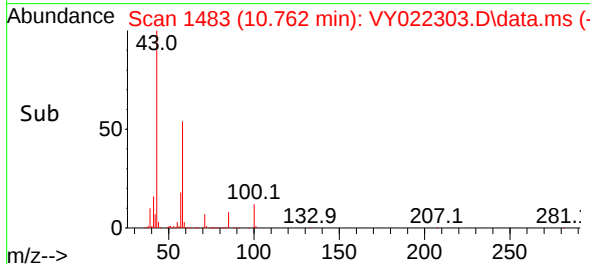
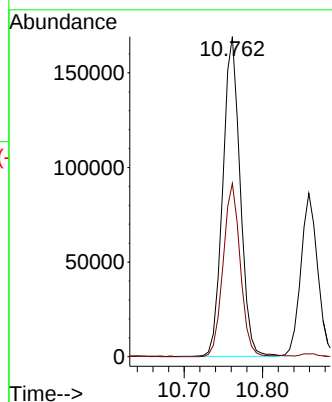
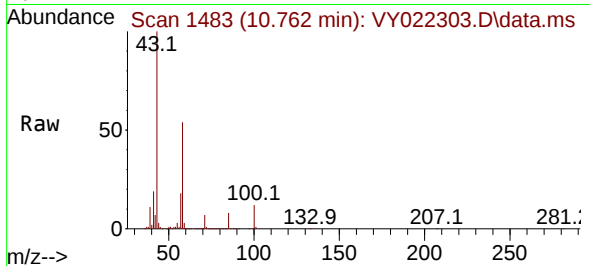




#59
2-Hexanone
Concen: 206.627 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

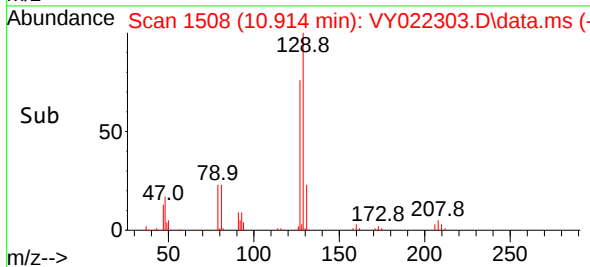
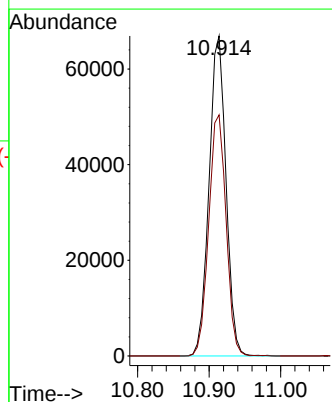
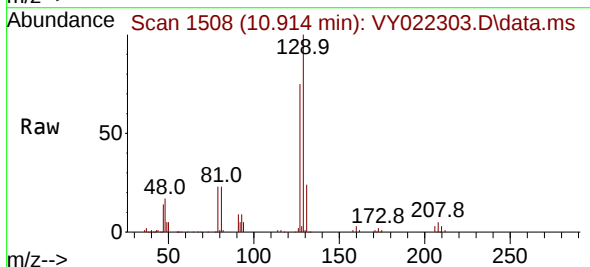
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

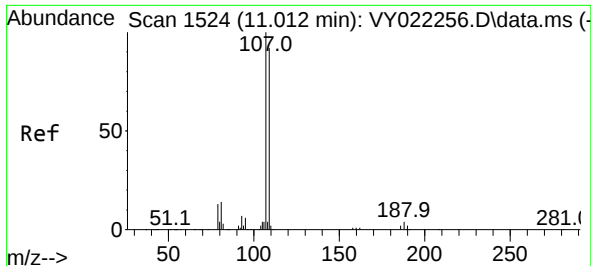
Tgt Ion: 43 Resp: 260783
Ion Ratio Lower Upper
43 100
58 53.9 26.1 78.3



#60
Dibromochloromethane
Concen: 46.983 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 129 Resp: 110053
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

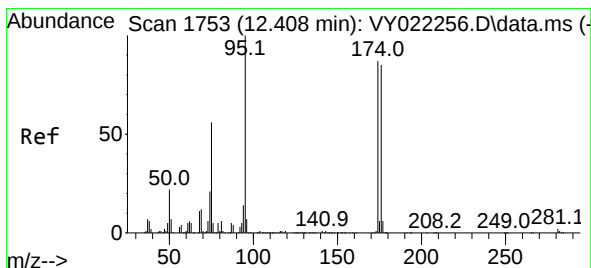
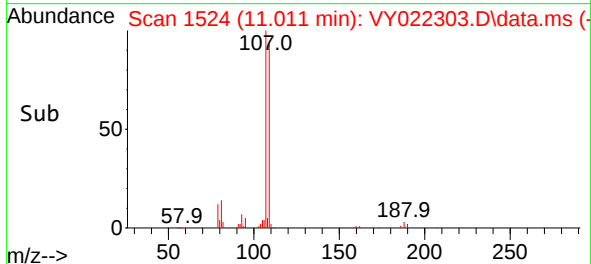
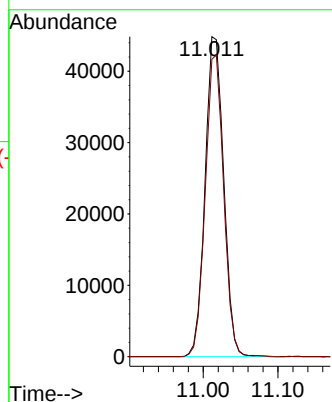
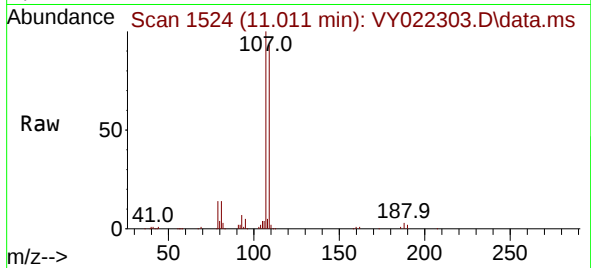




#61
1,2-Dibromoethane
Concen: 46.111 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

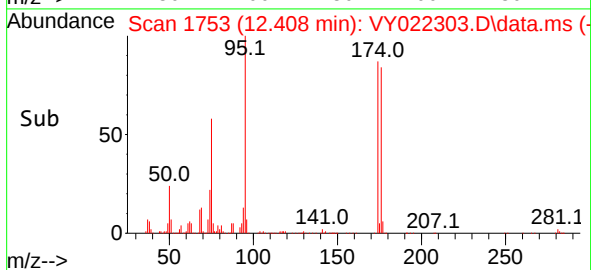
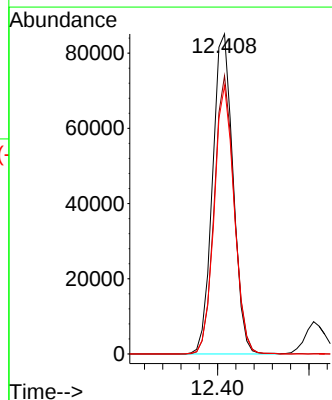
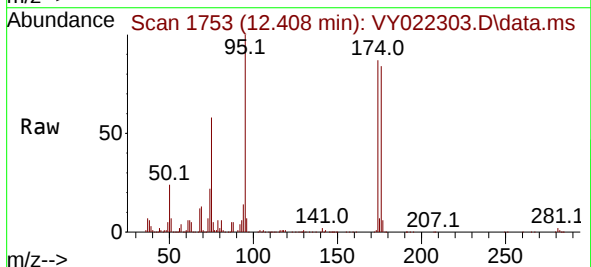
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

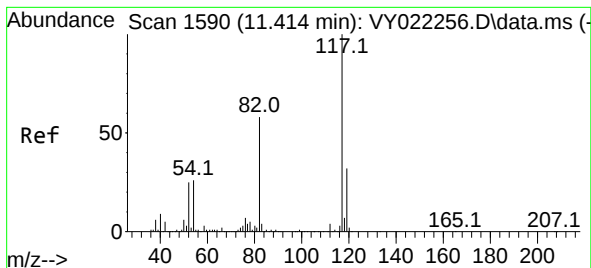
Tgt Ion:107 Resp: 77561
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 95 Resp: 132565
Ion Ratio Lower Upper
95 100
174 84.1 0.0 166.8
176 81.7 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

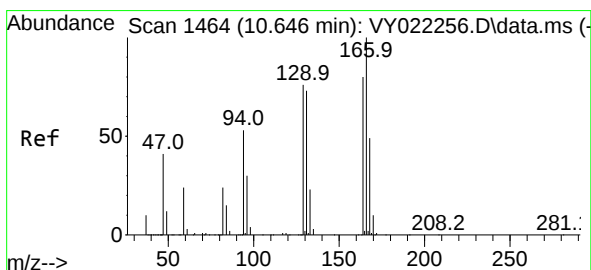
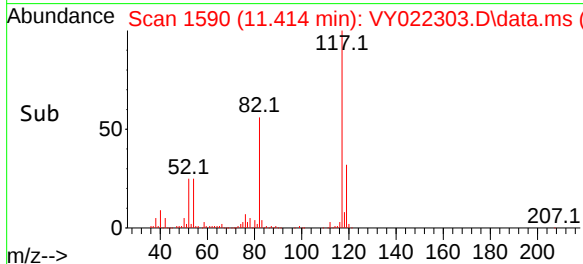
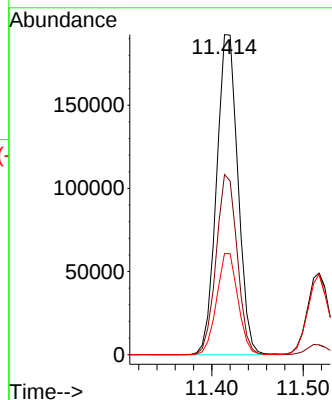
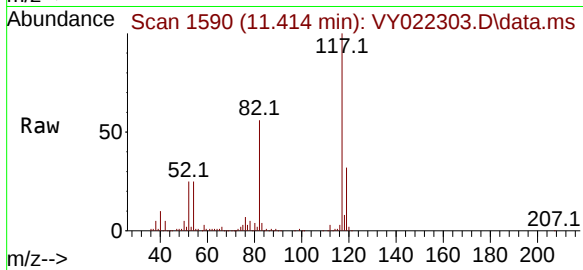
Tgt Ion:117 Resp: 313200

Ion Ratio Lower Upper

117 100

82 56.3 46.6 70.0

119 31.7 25.8 38.6



#64

Tetrachloroethene

Concen: 48.679 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Tgt Ion:164 Resp: 140924

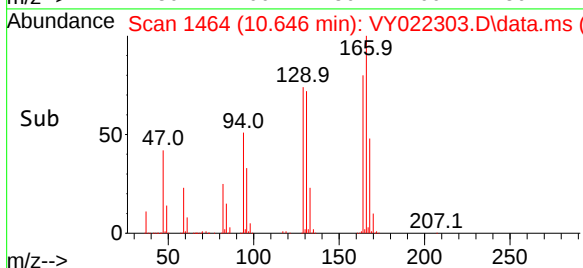
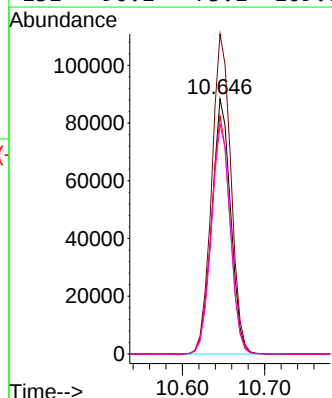
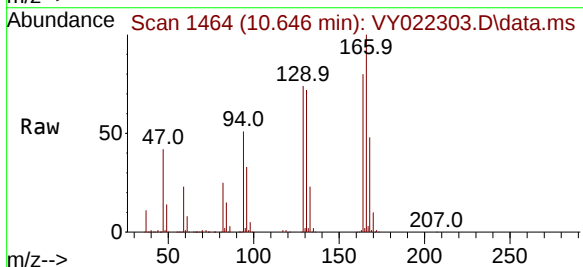
Ion Ratio Lower Upper

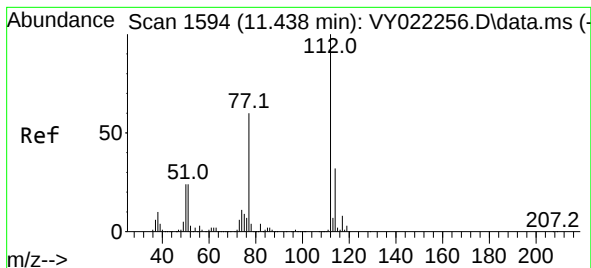
164 100

166 125.5 100.4 150.6

129 93.3 76.4 114.6

131 90.1 73.1 109.7

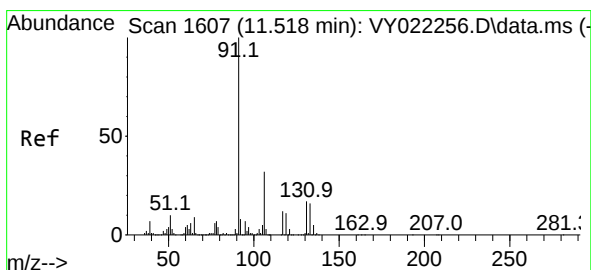
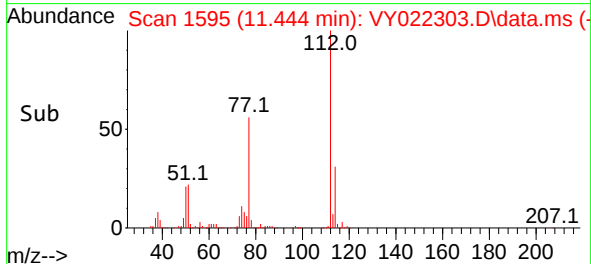
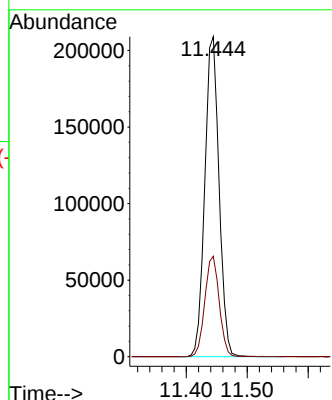
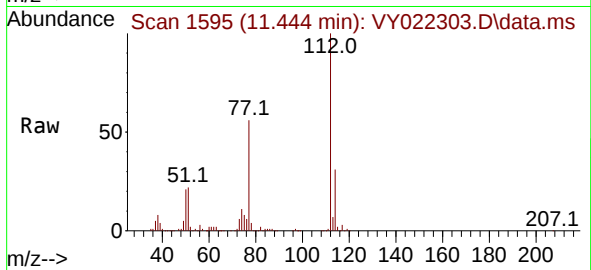




#65
Chlorobenzene
Concen: 47.994 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

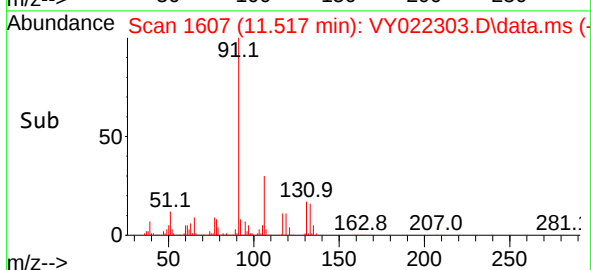
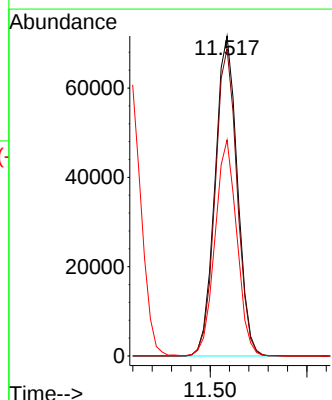
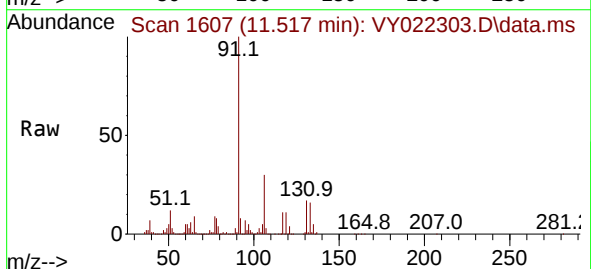
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

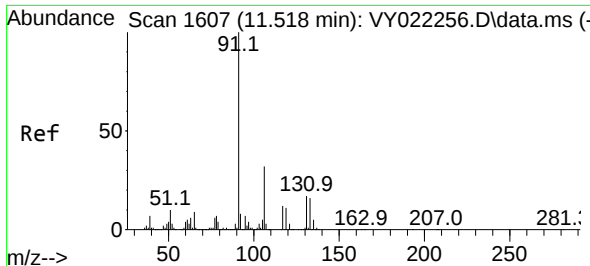
Tgt Ion:112 Resp: 339131
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.229 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:131 Resp: 114730
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 66.2 33.1 99.2





#67

Ethyl Benzene

Concen: 48.485 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

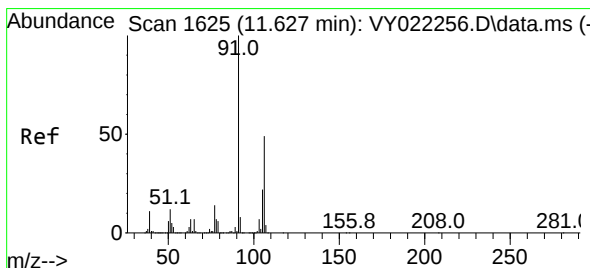
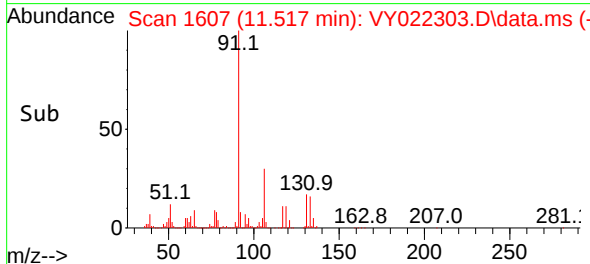
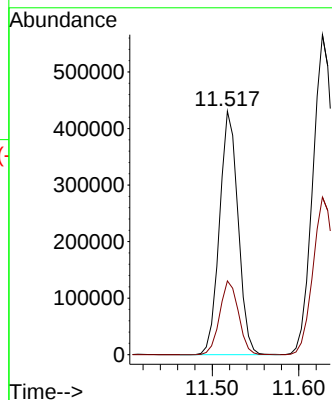
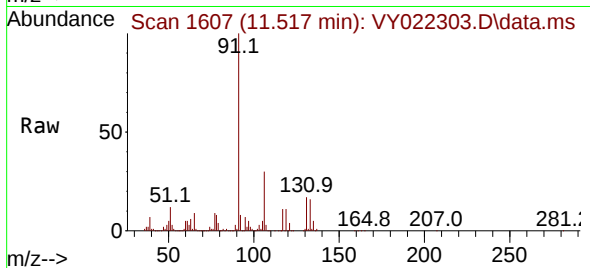
VSTDCCC050

Tgt Ion: 91 Resp: 641620

Ion Ratio Lower Upper

91 100

106 30.3 25.4 38.0



#68

m/p-Xylenes

Concen: 96.343 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022303.D

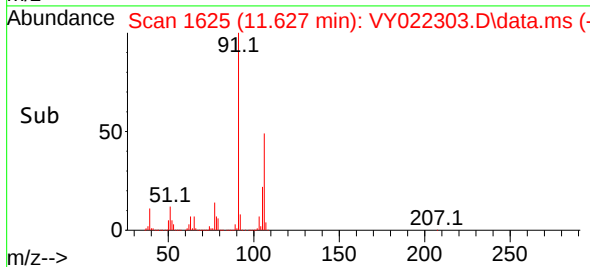
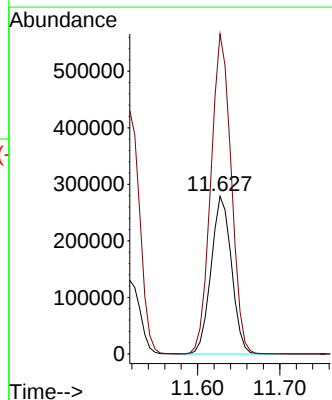
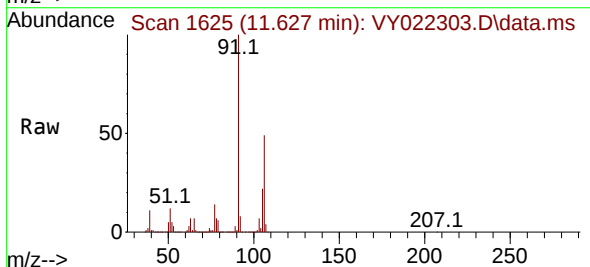
Acq: 19 May 2025 08:27

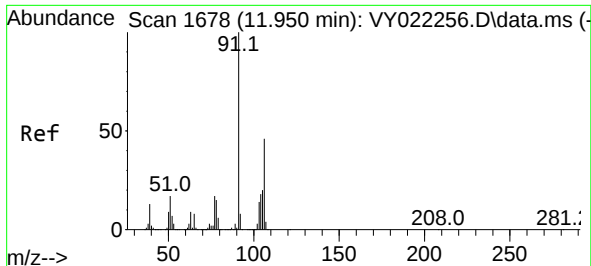
Tgt Ion:106 Resp: 480417

Ion Ratio Lower Upper

106 100

91 202.5 163.0 244.4

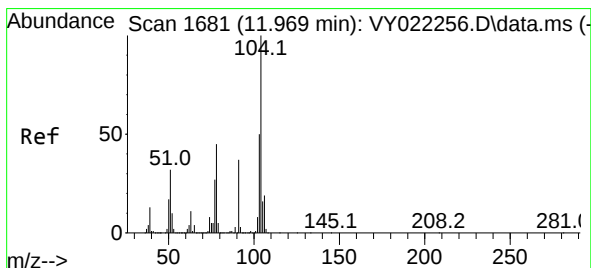
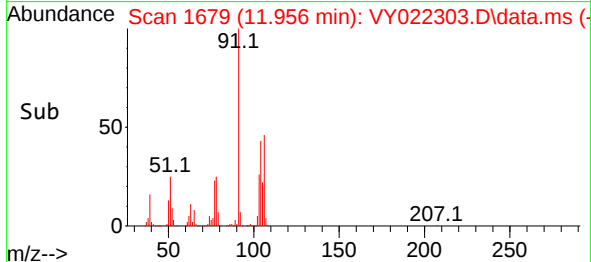
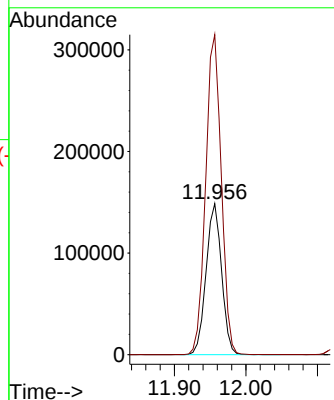
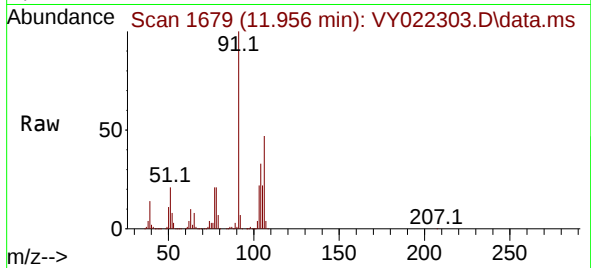




#69
o-Xylene
Concen: 47.429 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

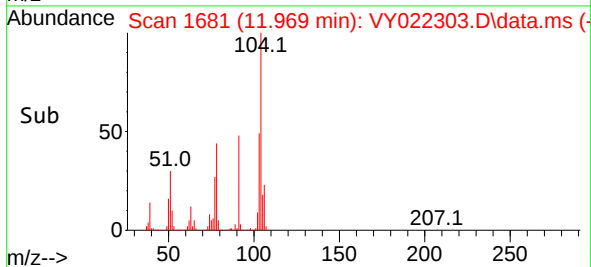
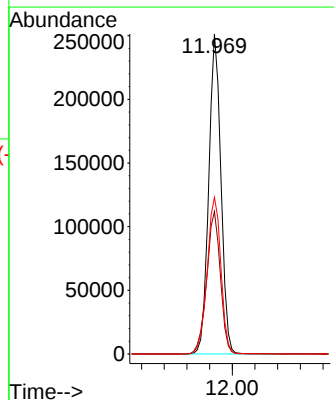
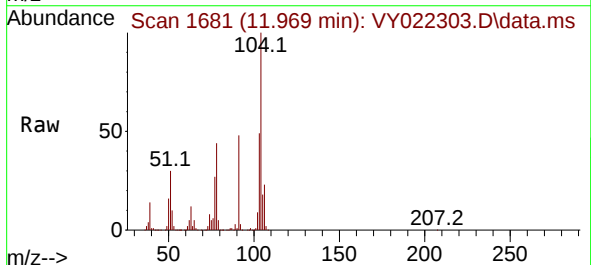
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

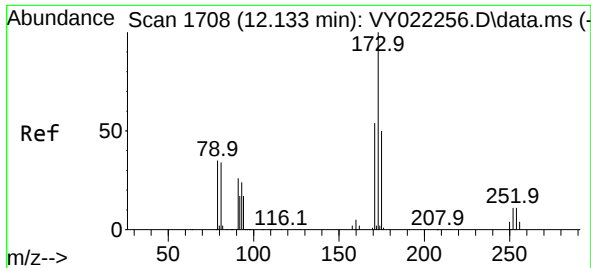
Tgt Ion:106 Resp: 223762
Ion Ratio Lower Upper
106 100
91 213.8 108.3 324.8



#70
Styrene
Concen: 47.020 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:104 Resp: 374205
Ion Ratio Lower Upper
104 100
78 49.8 40.9 61.3
103 55.0 43.7 65.5

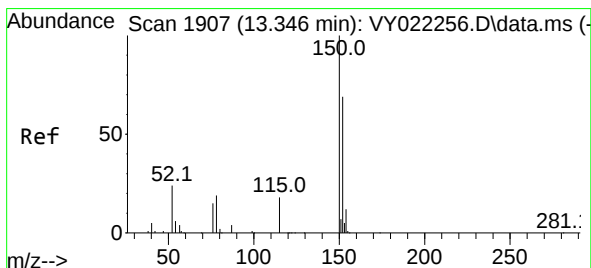
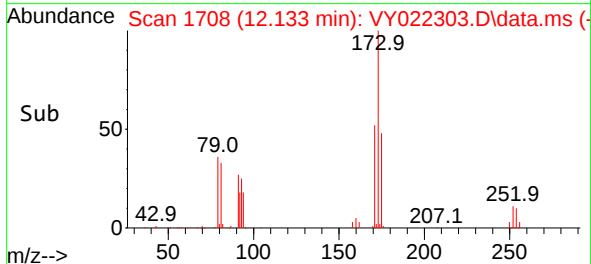
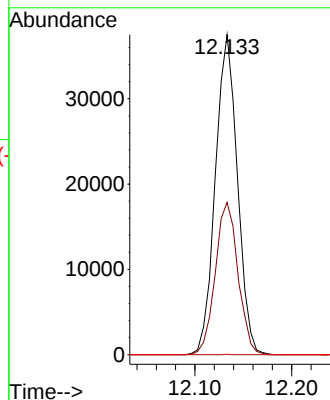
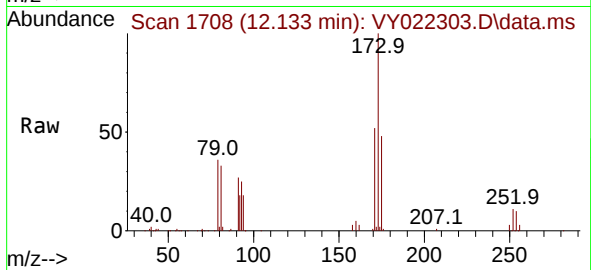




#71
Bromoform
Concen: 45.269 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

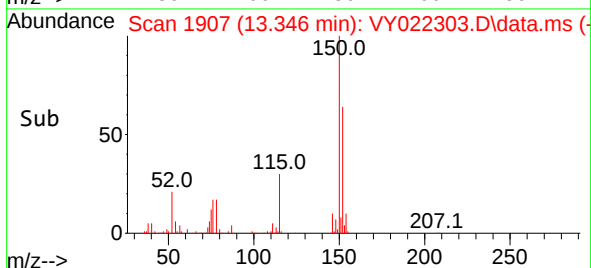
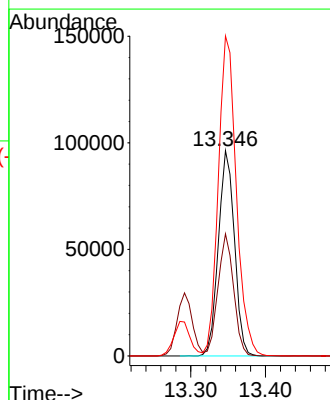
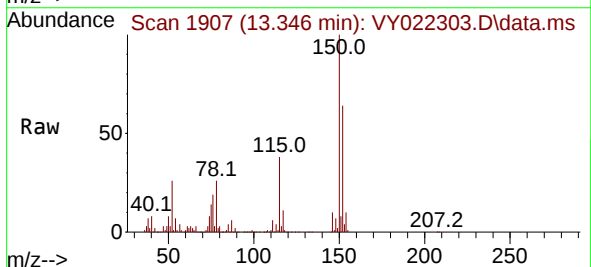
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

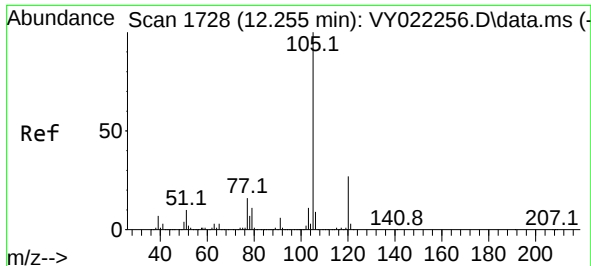
Tgt Ion:173 Resp: 59355
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:152 Resp: 144499
Ion Ratio Lower Upper
152 100
115 58.0 29.4 88.2
150 174.4 0.0 353.8

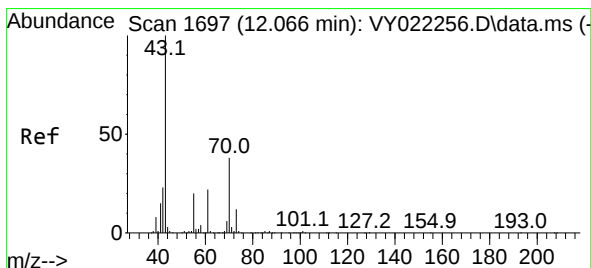
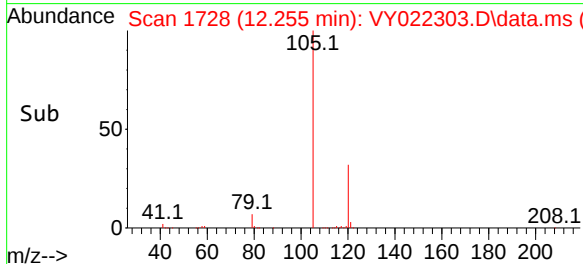
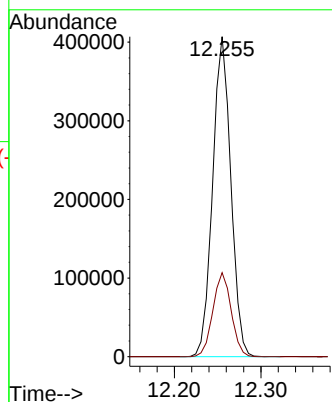
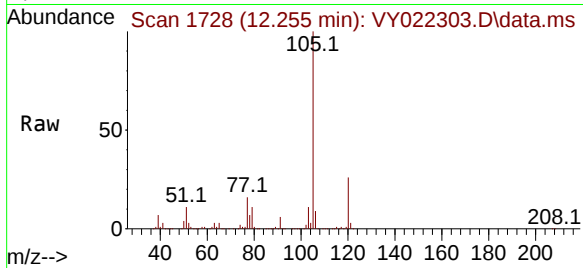




#73
Isopropylbenzene
Concen: 49.626 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

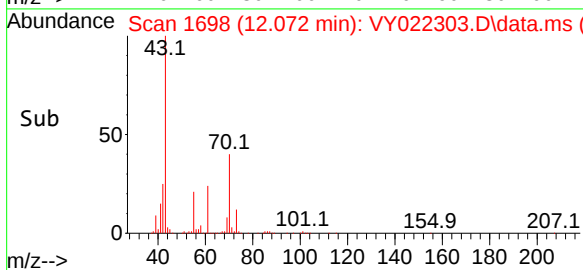
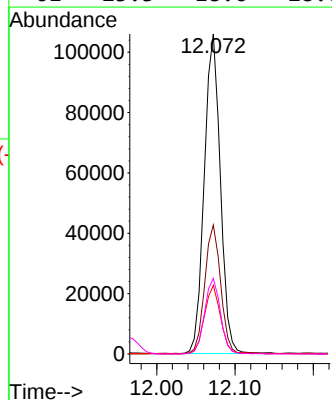
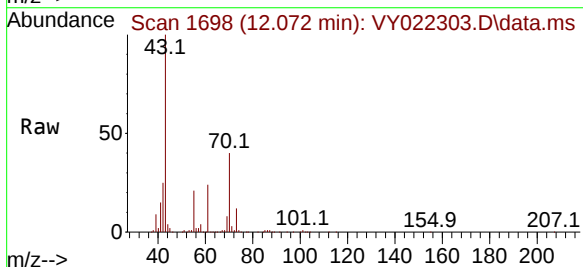
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

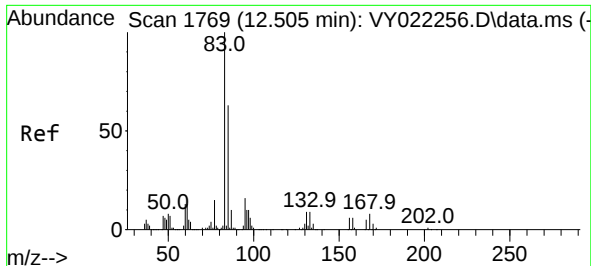
Tgt Ion:105 Resp: 594081
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 44.094 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 43 Resp: 150967
Ion Ratio Lower Upper
43 100
70 40.2 31.4 47.0
55 21.3 17.0 25.6
61 23.3 18.6 28.0

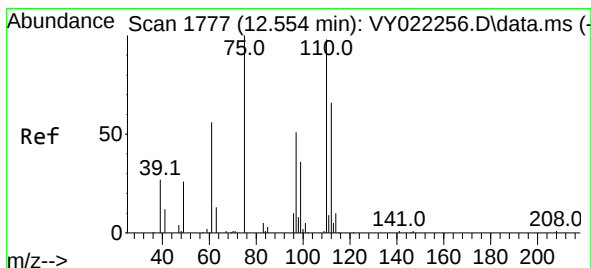
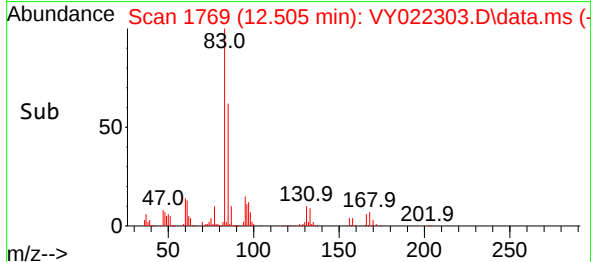
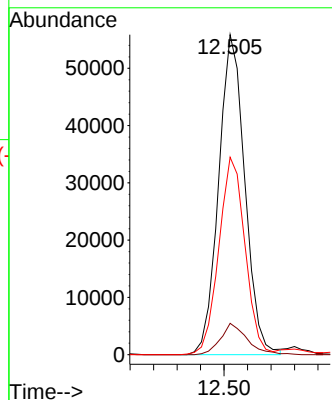
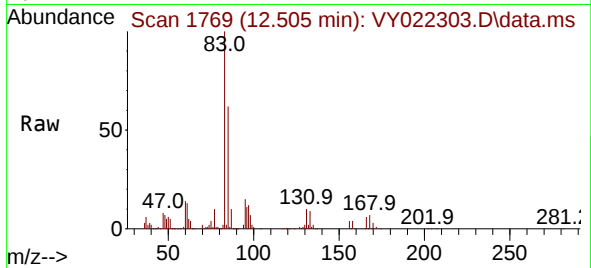




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.994 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

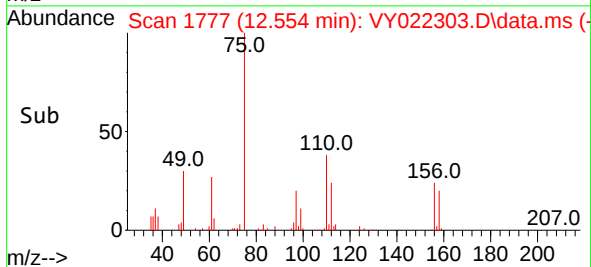
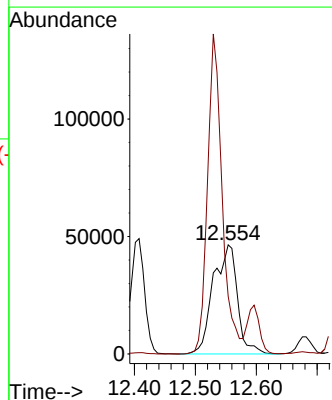
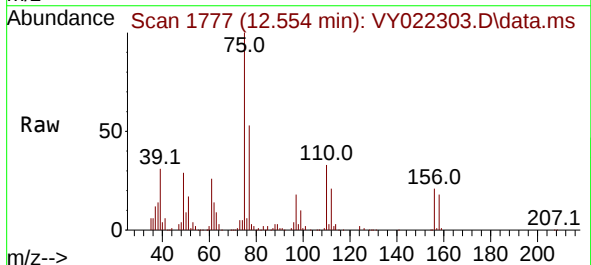
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

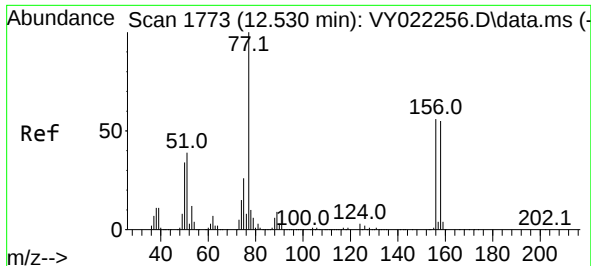
Tgt Ion: 83 Resp: 86518
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 61.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 87.544 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

Tgt Ion: 75 Resp: 128158
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

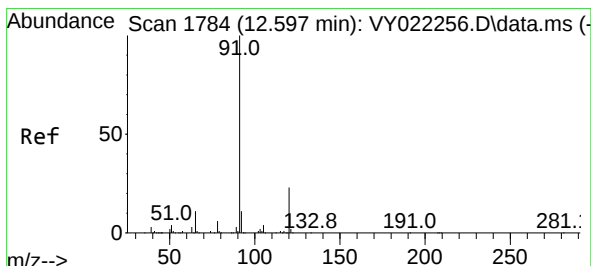
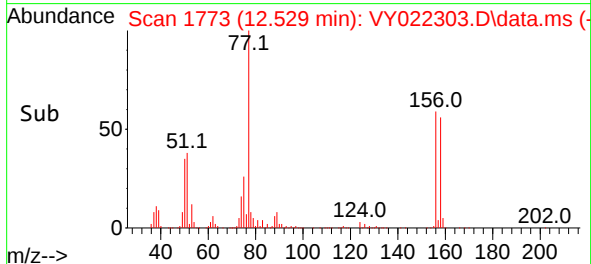
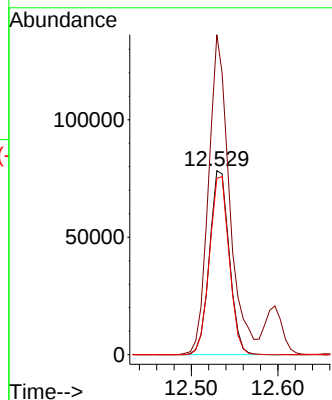
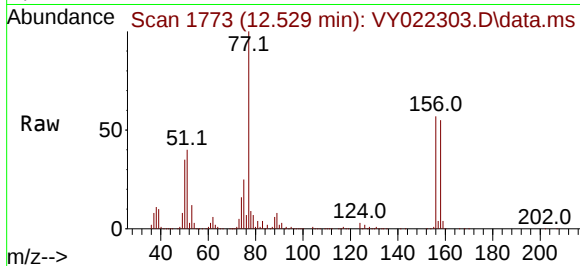




#77
Bromobenzene
Concen: 48.461 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

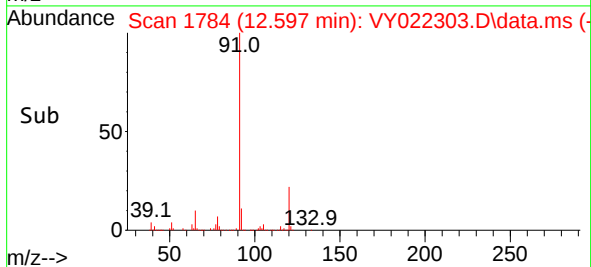
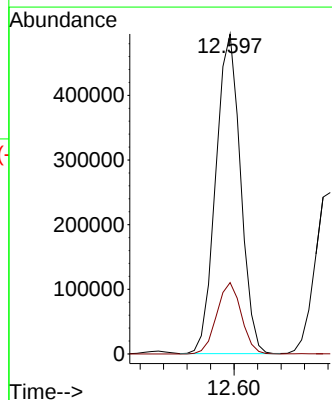
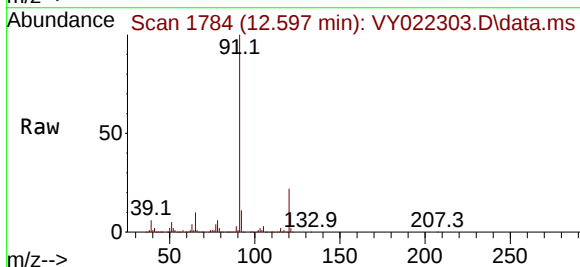
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

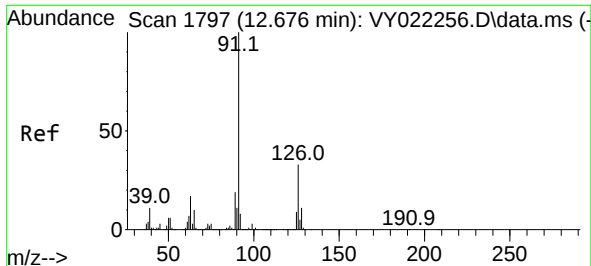
Tgt Ion:156 Resp: 123903
Ion Ratio Lower Upper
156 100
77 183.4 94.5 283.6
158 96.7 48.4 145.3



#78
n-propylbenzene
Concen: 50.043 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 91 Resp: 722589
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3

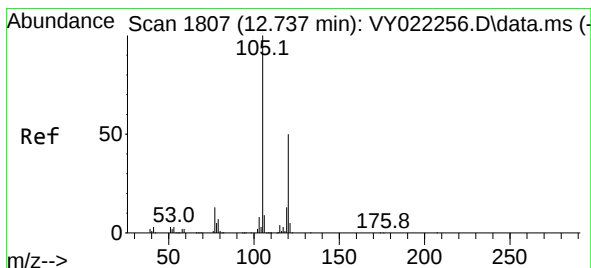
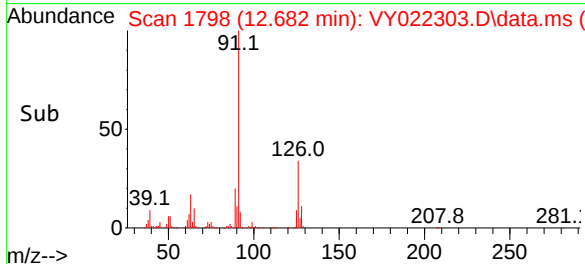
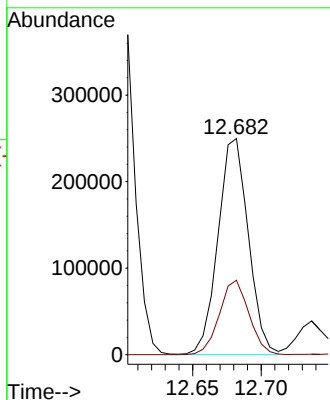
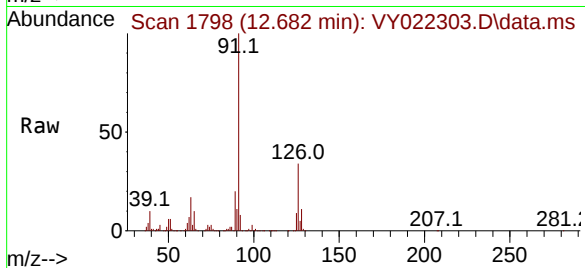




#79
2-Chlorotoluene
Concen: 48.374 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

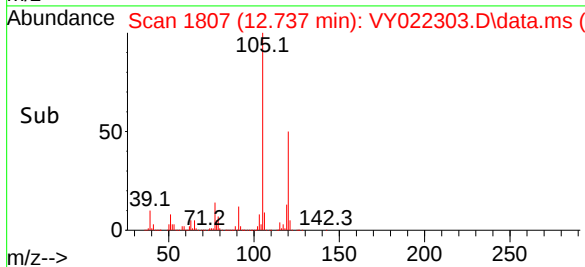
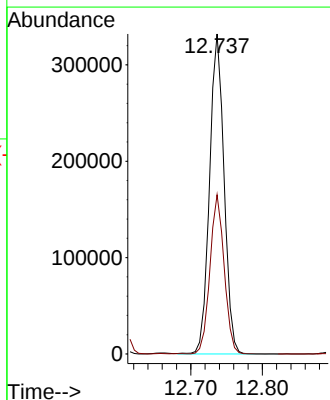
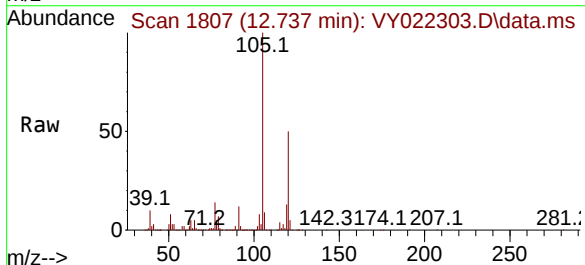
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

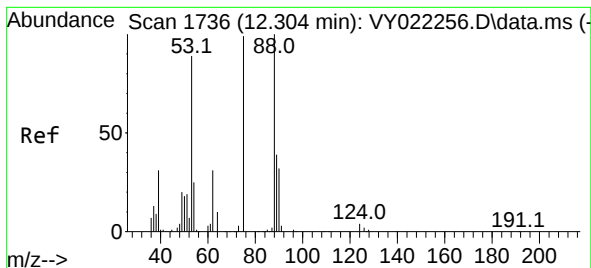
Tgt Ion: 91 Resp: 383846
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 48.373 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:105 Resp: 467447
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

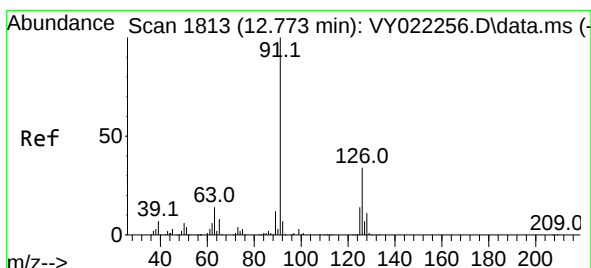
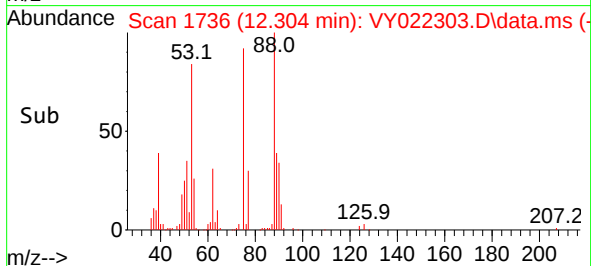
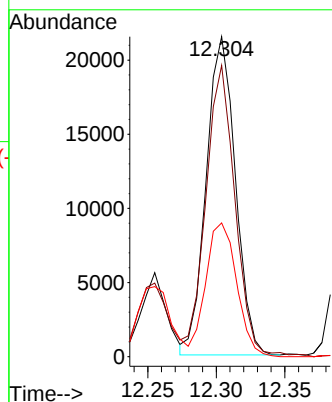
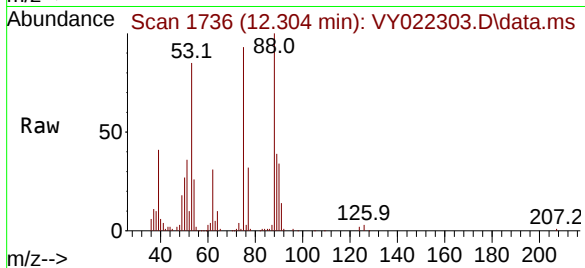




#81
trans-1,4-Dichloro-2-butene
Concen: 43.994 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

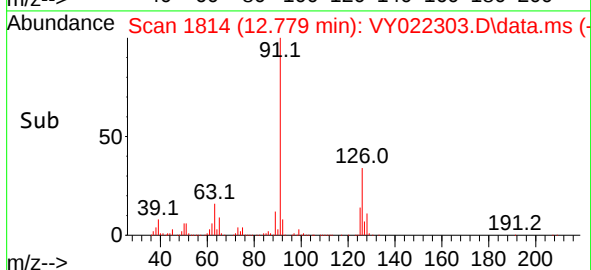
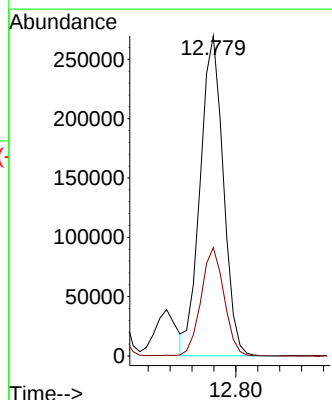
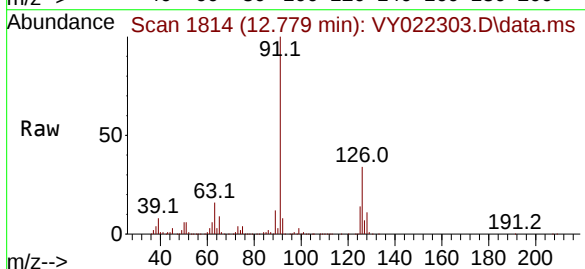
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

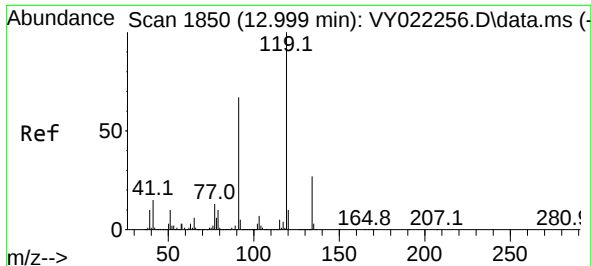
Tgt Ion: 75 Resp: 31793
Ion Ratio Lower Upper
75 100
53 92.0 75.8 113.8
89 44.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 48.417 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion: 91 Resp: 395166
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4

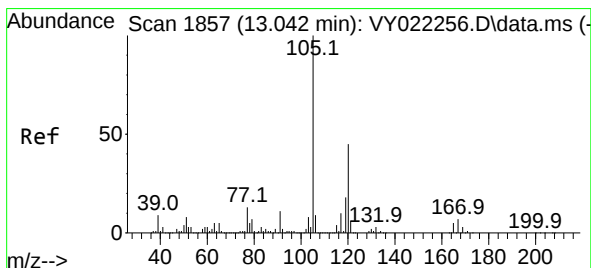
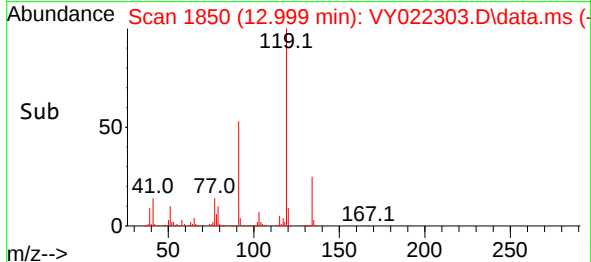
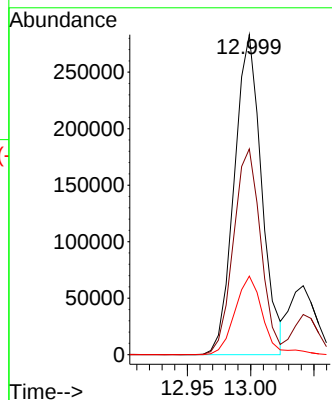
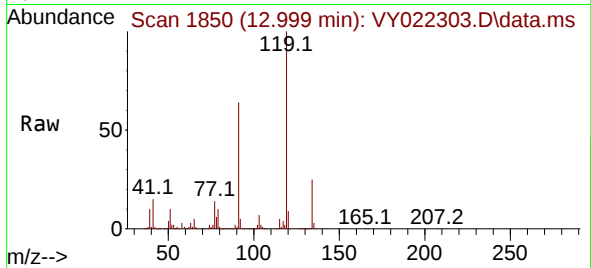




#83
tert-Butylbenzene
Concen: 49.646 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

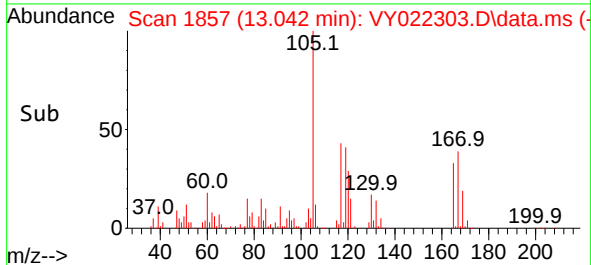
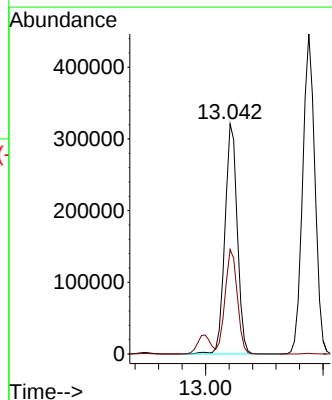
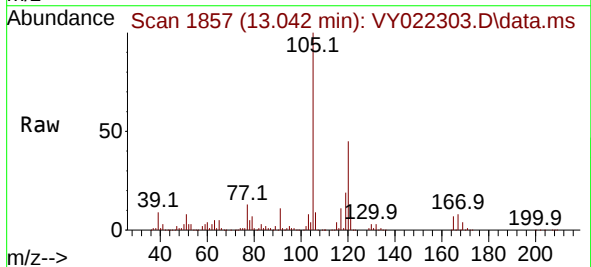
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

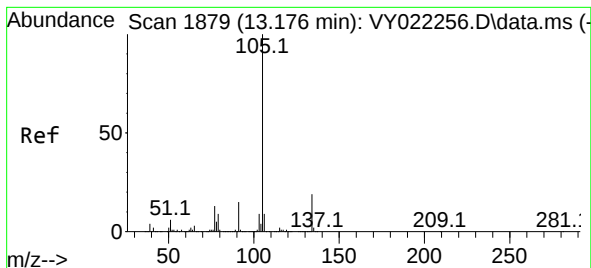
Tgt Ion:119 Resp: 426406
Ion Ratio Lower Upper
119 100
91 64.2 32.8 98.3
134 25.3 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 48.787 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022303.D
Acq: 19 May 2025 08:27

Tgt Ion:105 Resp: 468001
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9

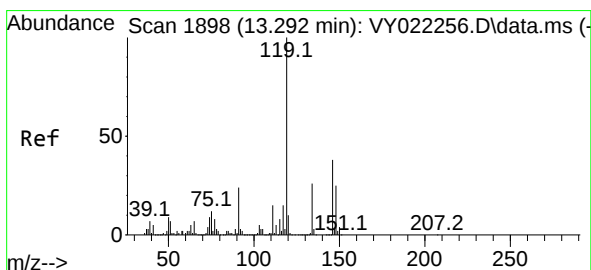
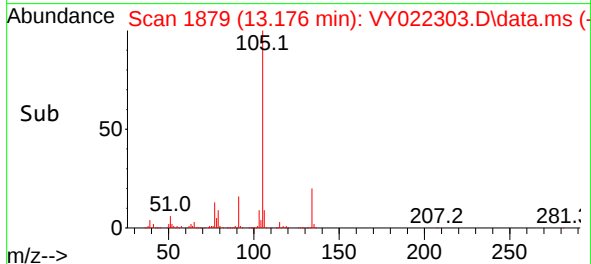
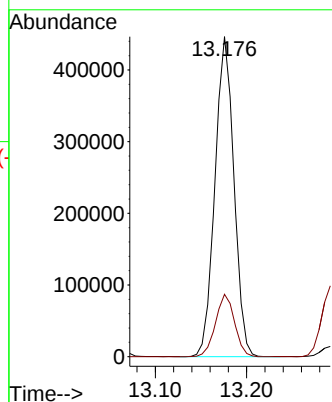
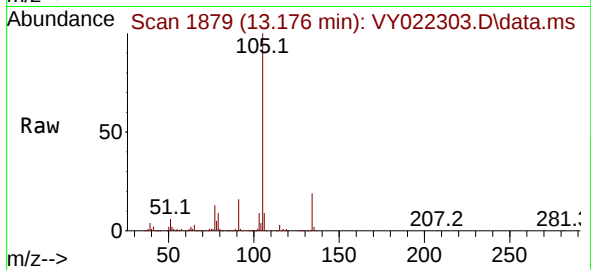




#85
 sec-Butylbenzene
 Concen: 50.477 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

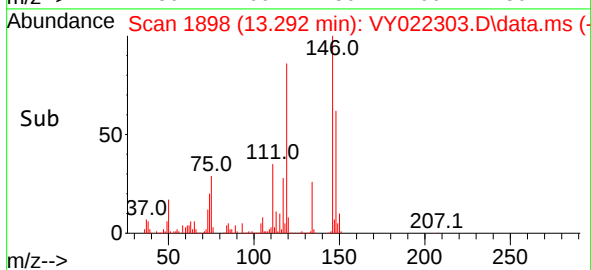
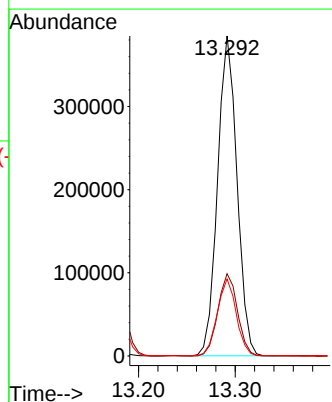
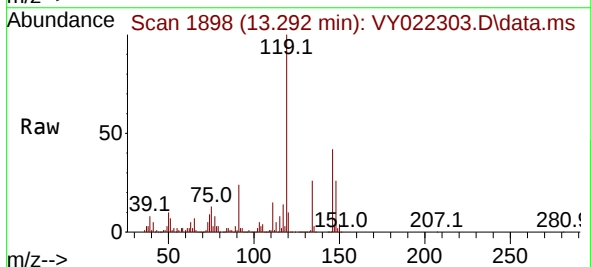
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

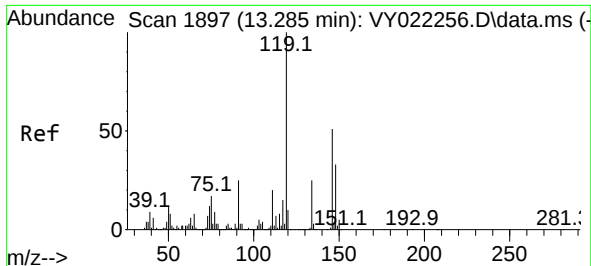
Tgt Ion:105 Resp: 643574
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 49.904 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

Tgt Ion:119 Resp: 535122
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.110 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

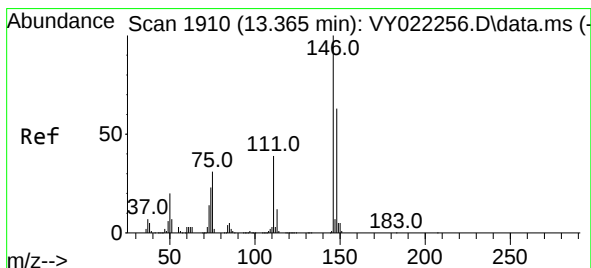
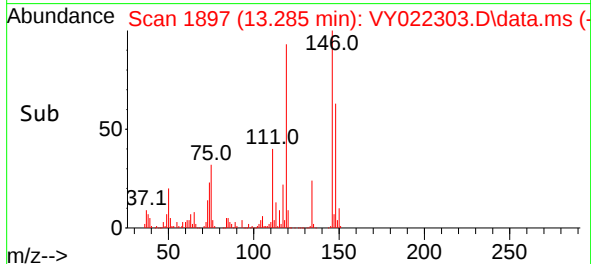
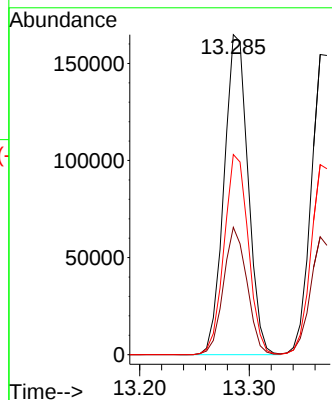
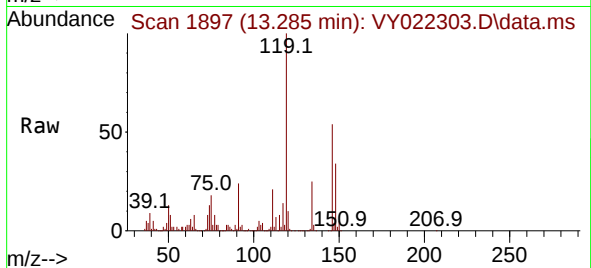
Tgt Ion:146 Resp: 251111

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 62.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 48.034 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

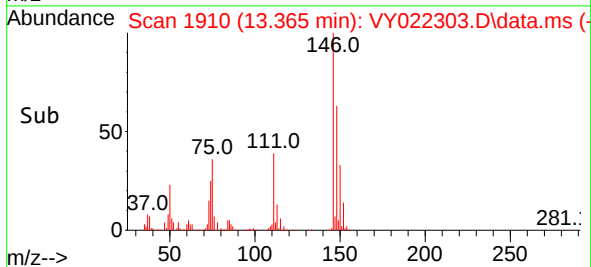
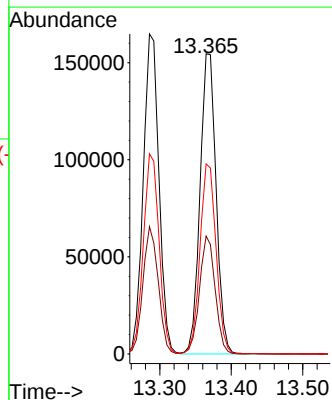
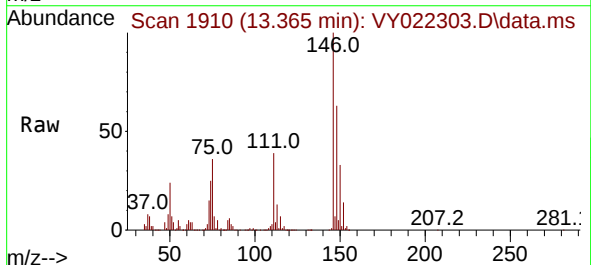
Tgt Ion:146 Resp: 241157

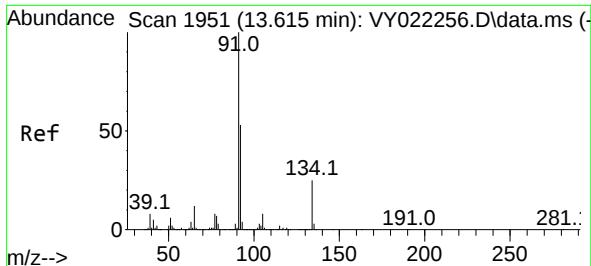
Ion Ratio Lower Upper

146 100

111 38.4 20.0 59.9

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 50.552 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

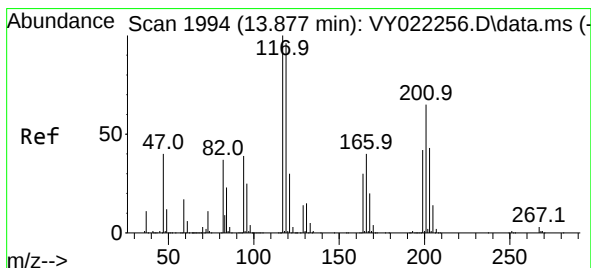
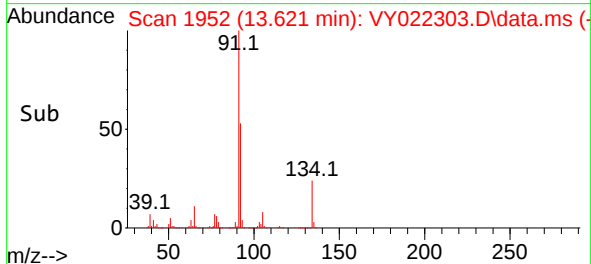
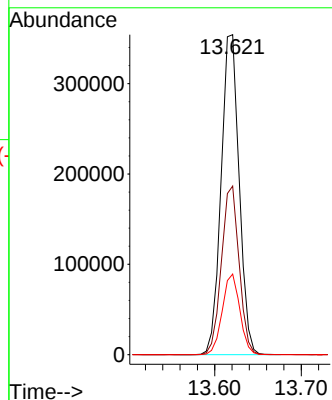
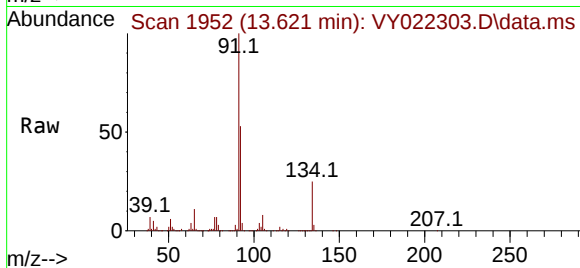
Tgt Ion: 91 Resp: 512834

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 24.5 12.4 37.4



#90

Hexachloroethane

Concen: 49.107 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022303.D

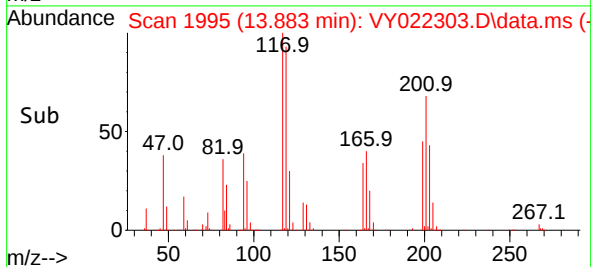
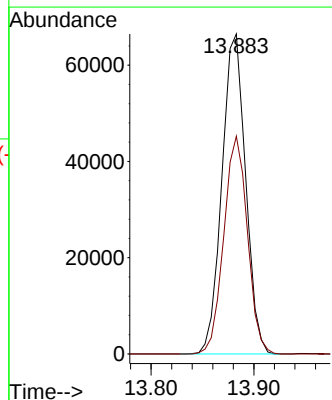
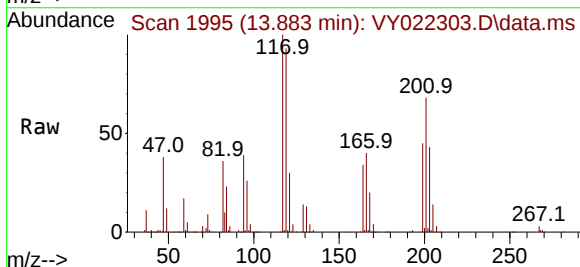
Acq: 19 May 2025 08:27

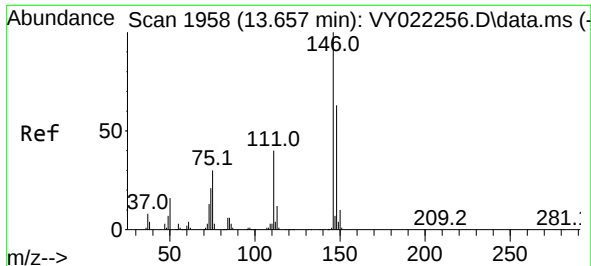
Tgt Ion: 117 Resp: 106297

Ion Ratio Lower Upper

117 100

201 67.9 35.2 105.6

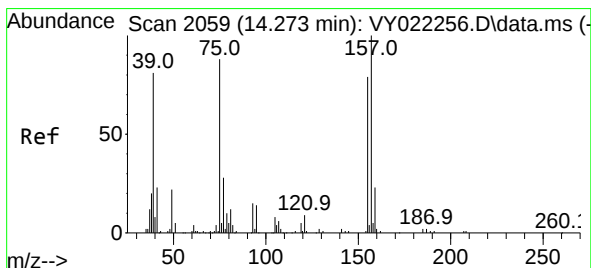
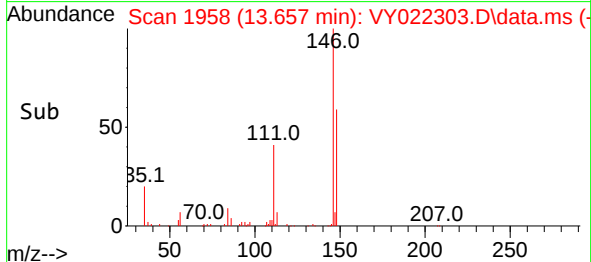
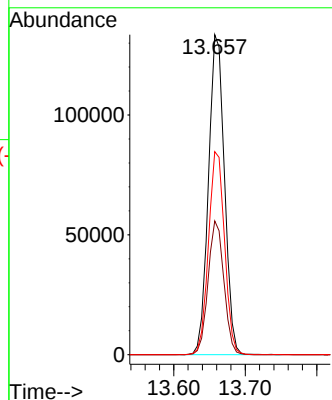
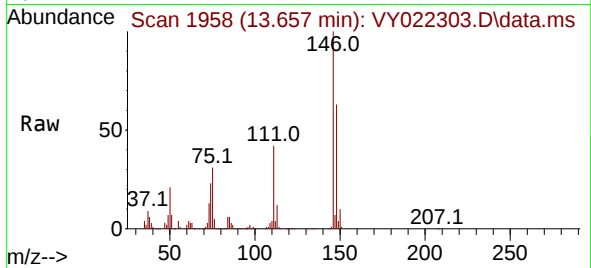




#91
 1,2-Dichlorobenzene
 Concen: 47.267 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

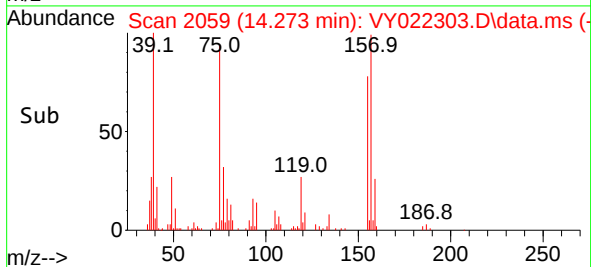
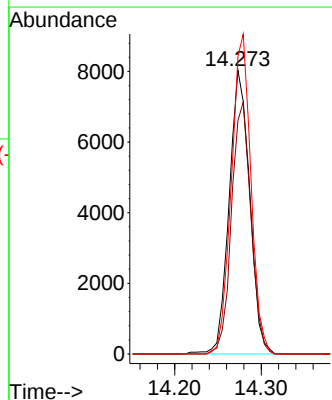
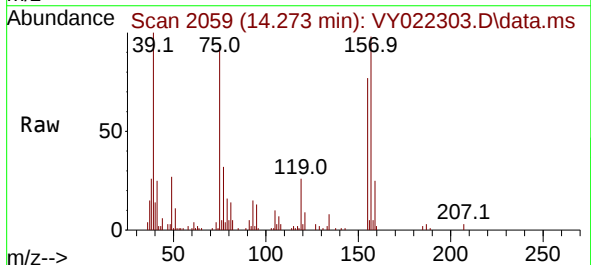
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

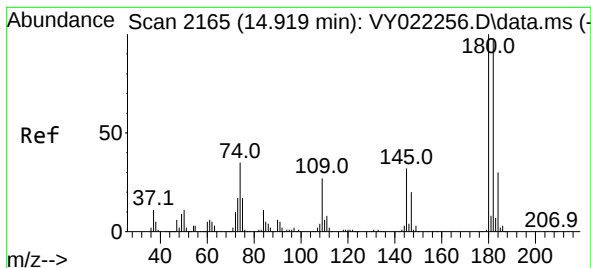
Tgt Ion:146 Resp: 207228
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.5
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.544 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022303.D
 Acq: 19 May 2025 08:27

Tgt Ion: 75 Resp: 13224
 Ion Ratio Lower Upper
 75 100
 155 83.8 43.4 130.1
 157 107.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 46.549 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

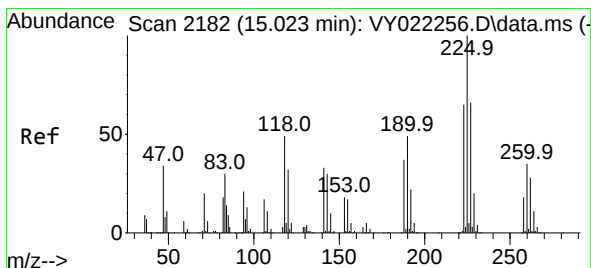
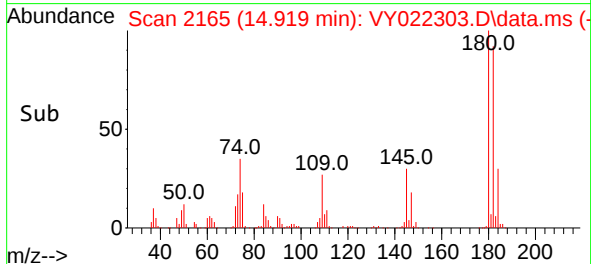
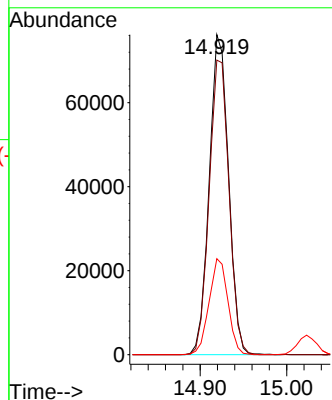
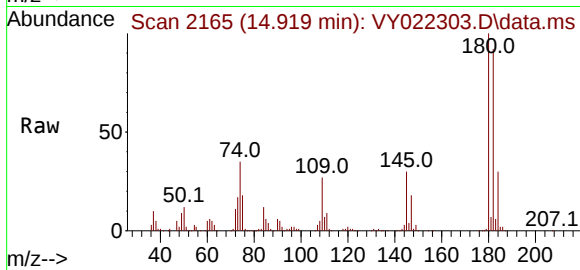
Tgt Ion:180 Resp: 117885

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 29.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 47.410 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

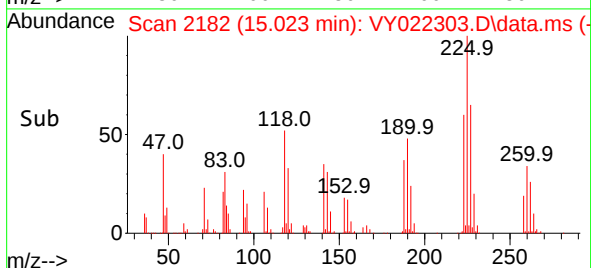
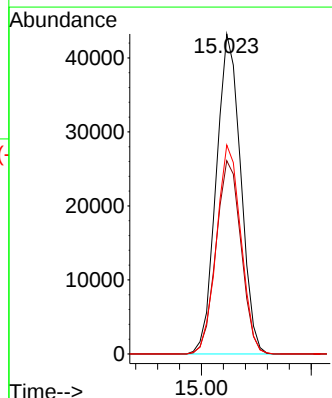
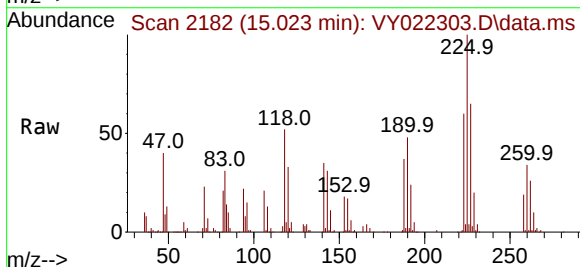
Tgt Ion:225 Resp: 66957

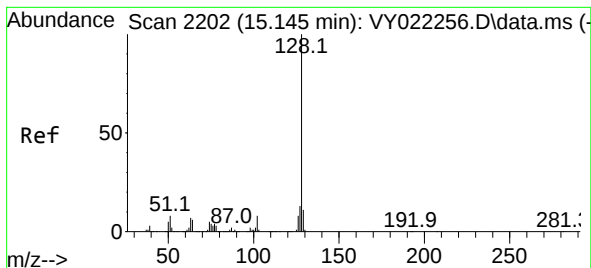
Ion Ratio Lower Upper

225 100

223 61.7 31.5 94.5

227 65.2 32.1 96.3





#95

Naphthalene

Concen: 44.006 ug/l

RT: 15.145 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

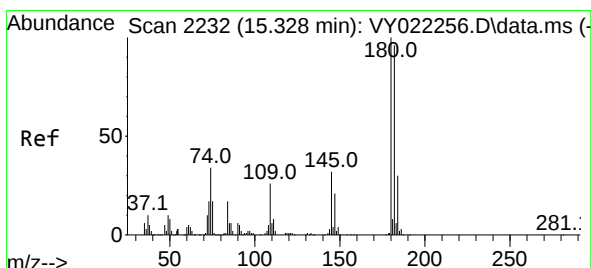
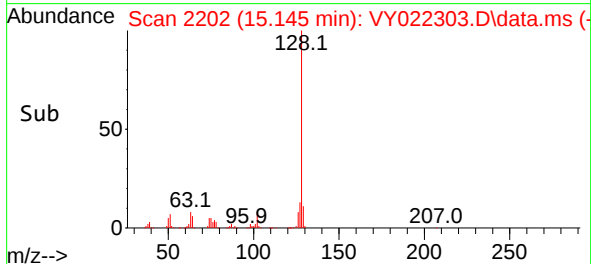
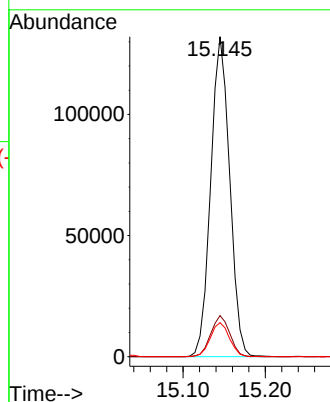
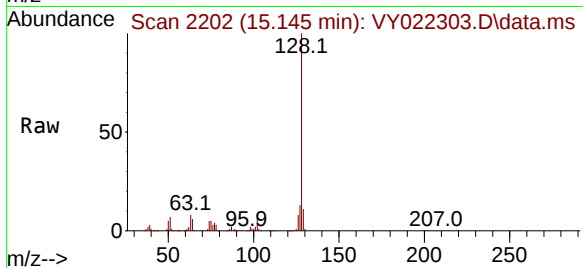
Tgt Ion:128 Resp: 211483

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 44.687 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022303.D

Acq: 19 May 2025 08:27

Tgt Ion:180 Resp: 96005

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 33.0 15.9 47.6

