

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022327.D
 Acq On : 19 May 2025 18:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 20 01:17:59 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	153018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	269702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88156	52.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.420%	
35) Dibromofluoromethane	7.634	113	80489	50.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.000%	
50) Toluene-d8	10.103	98	326124	49.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.401	95	100534	48.110	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	73339	45.932	ug/l	100
3) Chloromethane	2.062	50	231455	68.912	ug/l	99
4) Vinyl Chloride	2.202	62	275075	73.305	ug/l	98
5) Bromomethane	2.592	94	225794	73.916	ug/l	99
6) Chloroethane	2.732	64	188708	80.834	ug/l	100
7) Trichlorofluoromethane	3.043	101	215772	56.793	ug/l	98
8) Diethyl Ether	3.452	74	48739	53.455	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.811	101	82787	50.193	ug/l	98
10) Methyl Iodide	4.000	142	102665	53.780	ug/l	99
11) Tert butyl alcohol	4.866	59	33492	262.258	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	85100	51.993	ug/l	97
13) Acrolein	3.653	56	28642	153.416	ug/l	99
14) Allyl chloride	4.378	41	134690	46.931	ug/l	94
15) Acrylonitrile	5.055	53	101731	270.784	ug/l	99
16) Acetone	3.872	43	73689	234.996	ug/l	99
17) Carbon Disulfide	4.098	76	267647	50.146	ug/l	100
18) Methyl Acetate	4.378	43	67369	68.140	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	244282	54.127	ug/l	97
20) Methylene Chloride	4.610	84	97096	47.920	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	92708	51.315	ug/l	95
22) Diisopropyl ether	6.018	45	305376	50.386	ug/l	98
23) Vinyl Acetate	5.957	43	855691	233.700	ug/l	98
24) 1,1-Dichloroethane	5.909	63	175055	51.700	ug/l	99
25) 2-Butanone	6.896	43	130995	249.742	ug/l	99
26) 2,2-Dichloropropane	6.878	77	142107	47.186	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	110280	52.896	ug/l	97
28) Bromochloromethane	7.244	49	76227	52.779	ug/l	97
29) Tetrahydrofuran	7.262	42	89839	266.228	ug/l	94
30) Chloroform	7.421	83	176605	54.377	ug/l	96
31) Cyclohexane	7.701	56	154605	45.699	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	151870	50.969	ug/l	99
36) 1,1-Dichloropropene	7.835	75	125789	47.442	ug/l	99
37) Ethyl Acetate	6.982	43	60577	47.484	ug/l	98
38) Carbon Tetrachloride	7.817	117	130100	47.403	ug/l	97
39) Methylcyclohexane	9.103	83	163258	45.831	ug/l	99
40) Benzene	8.079	78	391350	49.789	ug/l	100

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	37784	44.649	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	106807	50.248	ug/l	99
43) Isopropyl Acetate	8.195	43	132883	47.761	ug/l #	87
44) Trichloroethene	8.859	130	96794	49.526	ug/l	97
45) 1,2-Dichloropropane	9.140	63	93333	49.252	ug/l	100
46) Dibromomethane	9.225	93	53599	52.440	ug/l	98
47) Bromodichloromethane	9.420	83	135697	51.176	ug/l	99
48) Methyl methacrylate	9.219	41	60069	46.167	ug/l	88
49) 1,4-Dioxane	9.231	88	12583	1089.753	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	342544	250.919	ug/l	96
52) Toluene	10.170	92	245922	49.408	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	126789	48.997	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	146552	49.431	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	67239	51.373	ug/l	99
56) Ethyl methacrylate	10.438	69	102799	50.422	ug/l	97
57) 1,3-Dichloropropane	10.713	76	121706	52.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	232623	254.207	ug/l	99
59) 2-Hexanone	10.755	43	226626	247.594	ug/l	96
60) Dibromochloromethane	10.908	129	87921	51.755	ug/l	100
61) 1,2-Dibromoethane	11.011	107	63333	51.918	ug/l	100
64) Tetrachloroethene	10.646	164	105457	48.675	ug/l	96
65) Chlorobenzene	11.438	112	260787	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	88854	48.874	ug/l	99
67) Ethyl Benzene	11.517	91	477337	48.197	ug/l	100
68) m/p-Xylenes	11.627	106	358636	96.099	ug/l	98
69) o-Xylene	11.950	106	172129	48.750	ug/l	97
70) Styrene	11.969	104	293880	49.341	ug/l	97
71) Bromoform	12.127	173	48601	49.528	ug/l #	98
73) Isopropylbenzene	12.249	105	439886	46.891	ug/l	99
74) N-amyl acetate	12.066	43	117444	43.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72744	50.422	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	103593	90.302	ug/l #	100
77) Bromobenzene	12.529	156	96863	48.345	ug/l	98
78) n-propylbenzene	12.590	91	528345	46.693	ug/l	99
79) 2-Chlorotoluene	12.676	91	291139	46.821	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	352153	46.503	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25319	44.709	ug/l	99
82) 4-Chlorotoluene	12.773	91	296665	46.384	ug/l	99
83) tert-Butylbenzene	12.993	119	314437	46.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	352182	46.850	ug/l	99
85) sec-Butylbenzene	13.170	105	466072	46.648	ug/l	100
86) p-Isopropyltoluene	13.291	119	389294	46.328	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	193664	47.349	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	185628	47.182	ug/l	99
89) n-Butylbenzene	13.615	91	363497	45.725	ug/l	99
90) Hexachloroethane	13.877	117	77688	45.800	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	165681	48.224	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11345	48.766	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	90319	45.511	ug/l	100
94) Hexachlorobutadiene	15.023	225	47105	42.563	ug/l	98
95) Naphthalene	15.145	128	185604	49.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	77625	46.108	ug/l	98

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QLast Update : Fri May 16 01:42:09 2025
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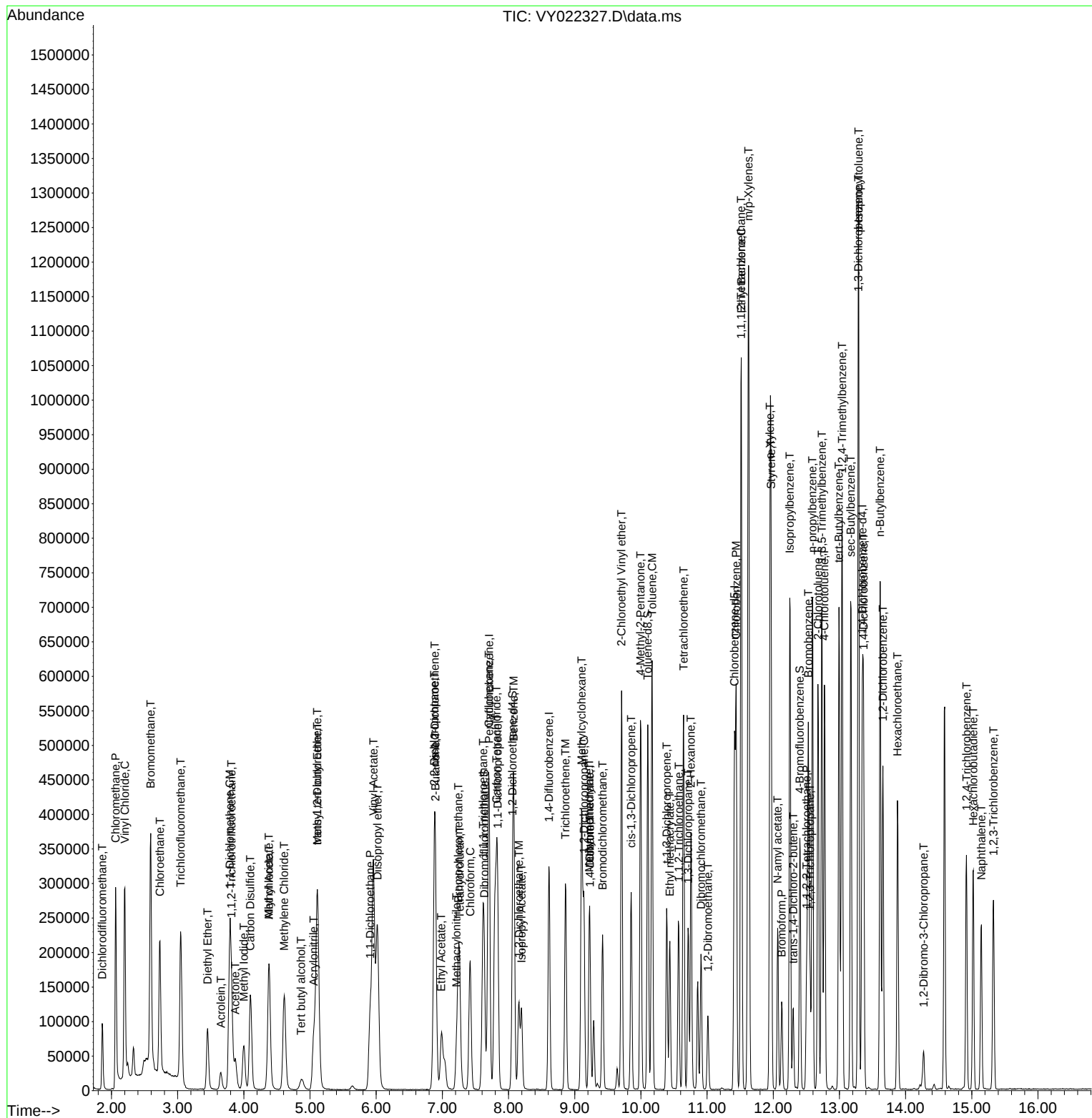
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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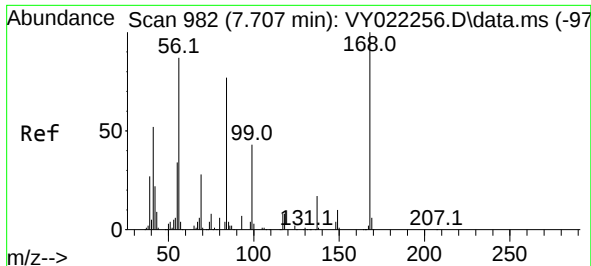
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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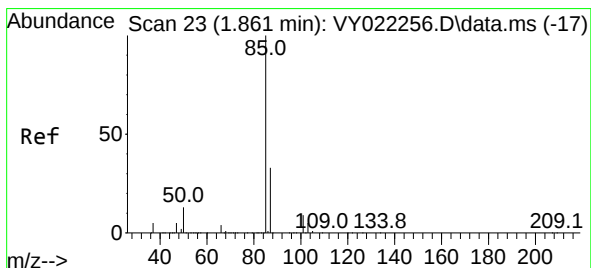
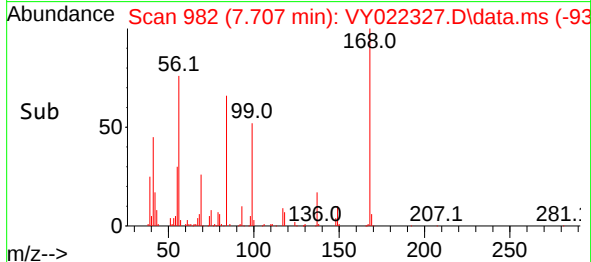
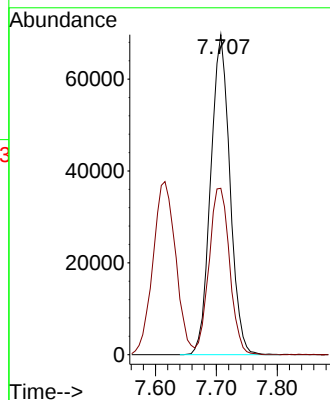
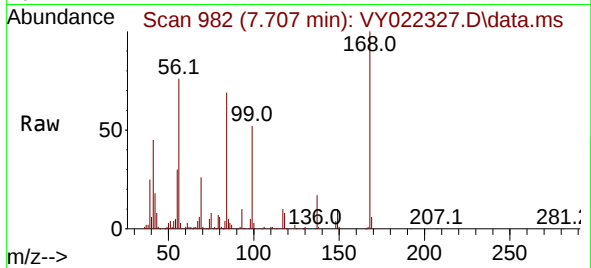




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022327.D
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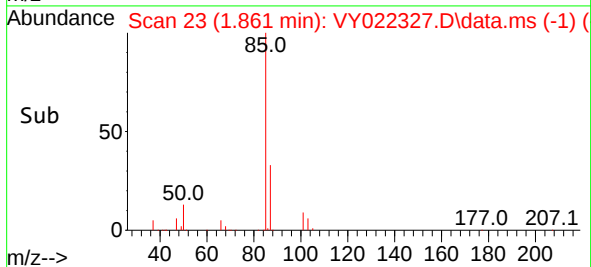
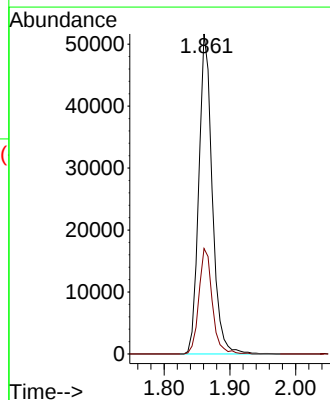
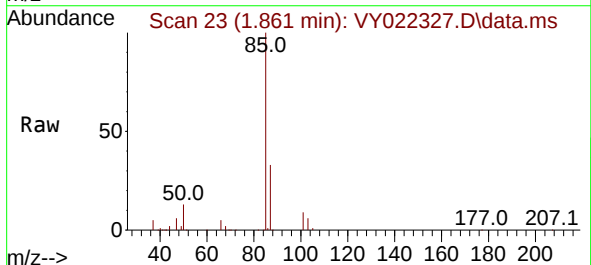
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

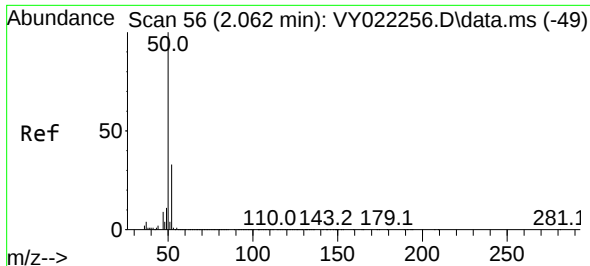
Tgt Ion:168 Resp: 153018
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.932 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 85 Resp: 73339
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5

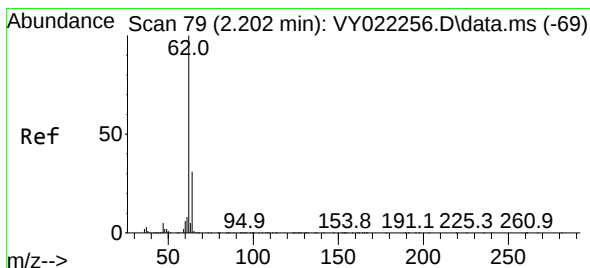
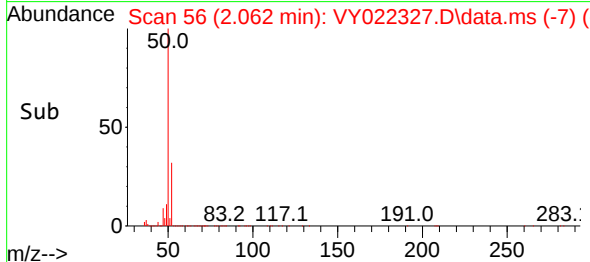
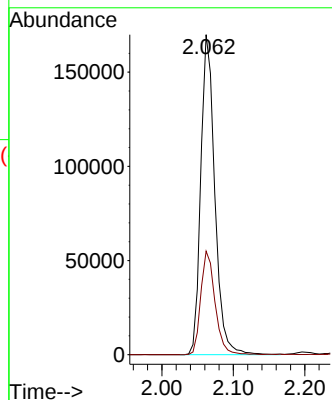
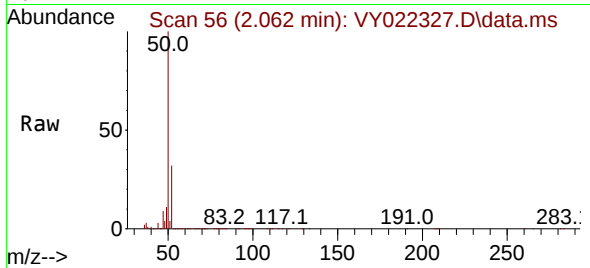




#3
Chloromethane
Concen: 68.912 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

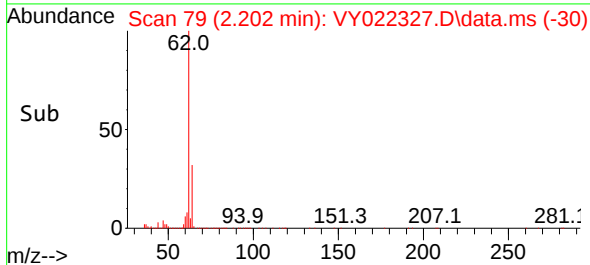
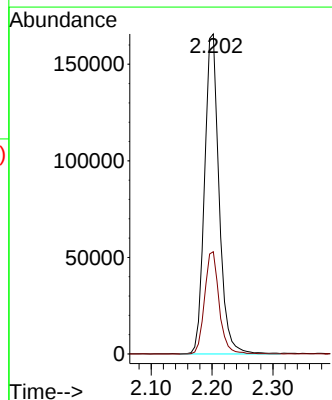
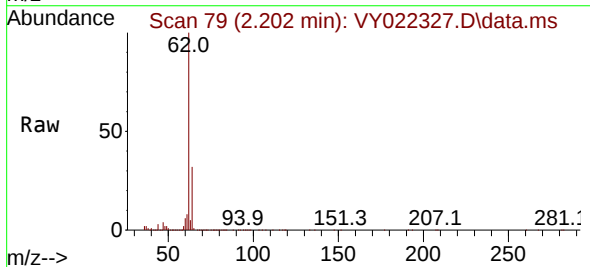
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 231455
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 73.305 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 62 Resp: 275075
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

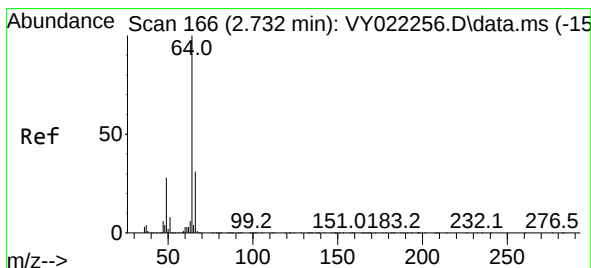
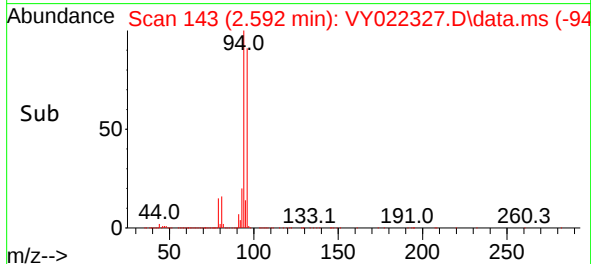
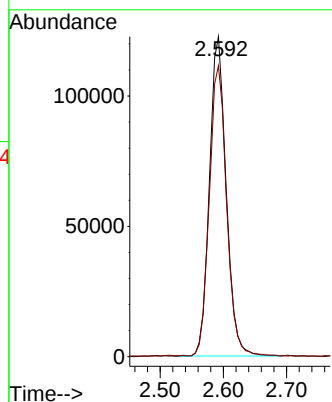
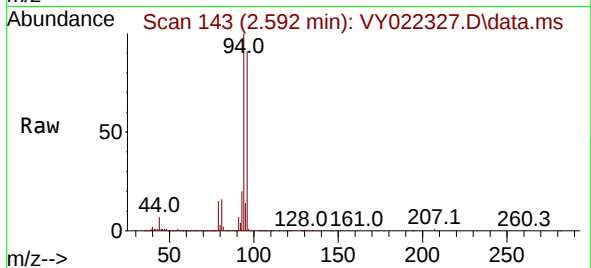




#5
Bromomethane
Concen: 73.916 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

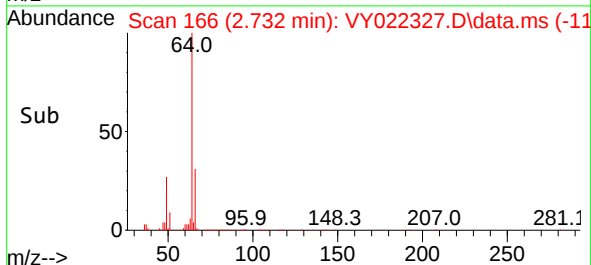
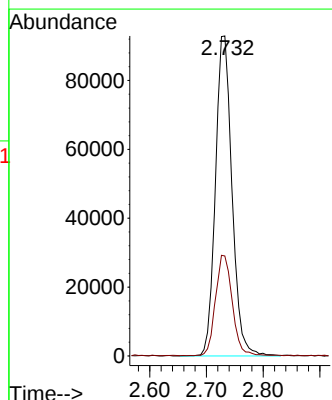
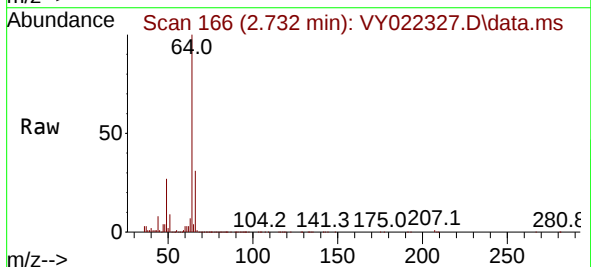
Instrument :
MSVOA_Y
ClientSampleId :
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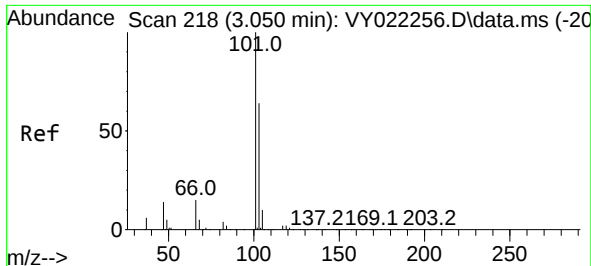
Tgt Ion: 94 Resp: 225794
Ion Ratio Lower Upper
94 100
96 90.8 73.4 110.0



#6
Chloroethane
Concen: 80.834 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 64 Resp: 188708
Ion Ratio Lower Upper
64 100
66 31.2 24.8 37.2

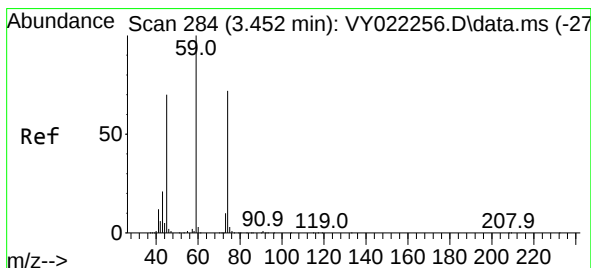
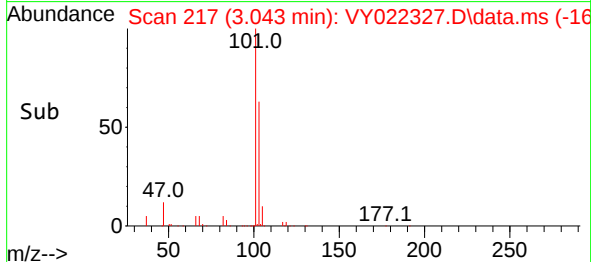
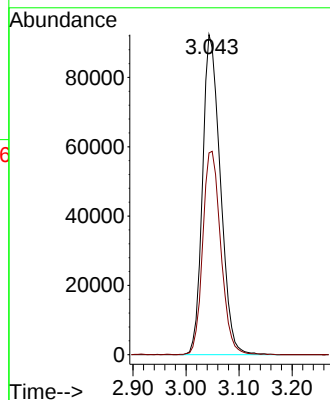
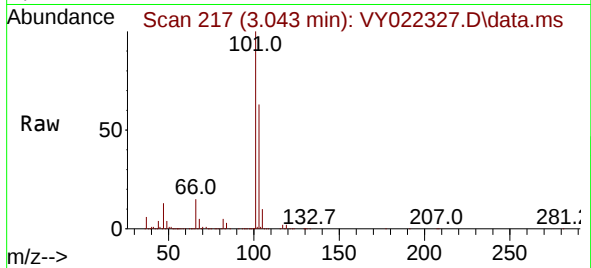




#7
 Trichlorofluoromethane
 Concen: 56.793 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

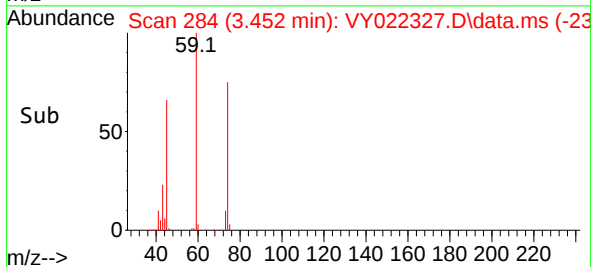
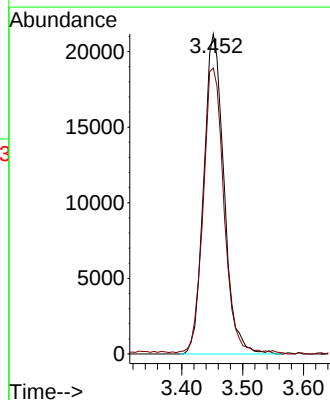
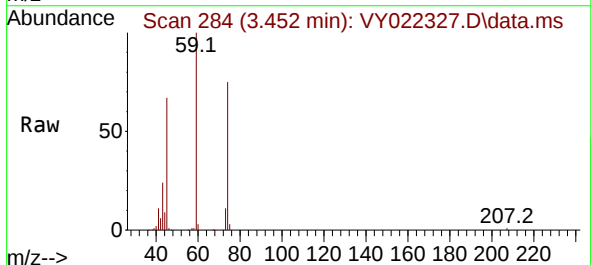
Instrument :
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Tgt Ion:101 Resp: 215772
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.7 77.5



#8
 Diethyl Ether
 Concen: 53.455 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022327.D
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Tgt Ion: 74 Resp: 48739
 Ion Ratio Lower Upper
 74 100
 45 92.5 48.6 145.8

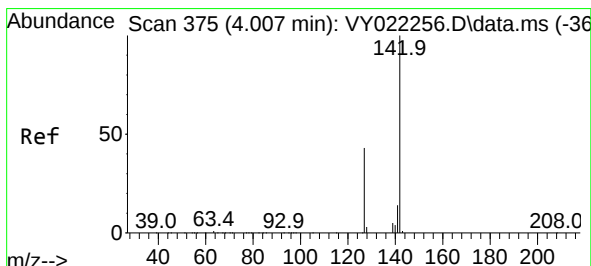
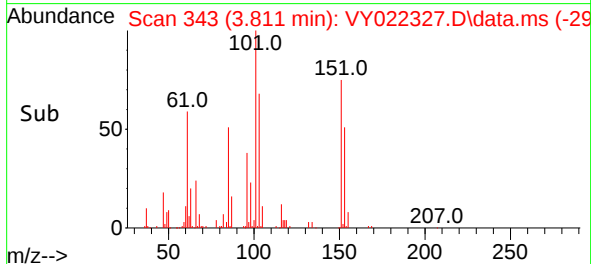
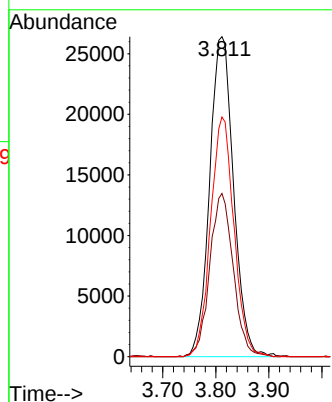
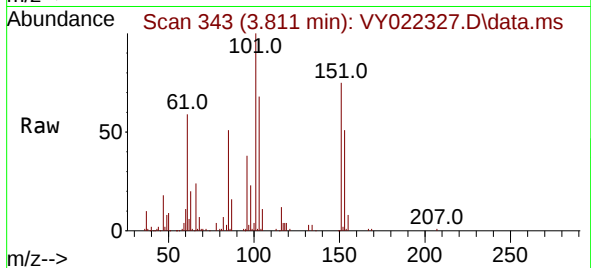




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.193 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

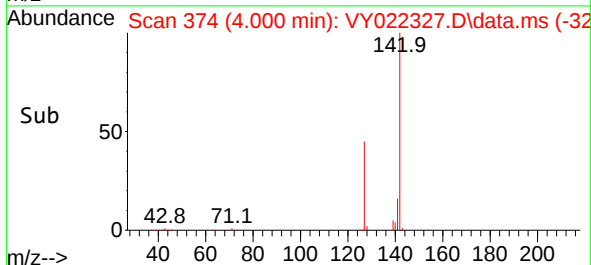
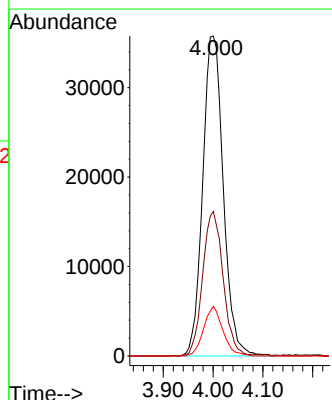
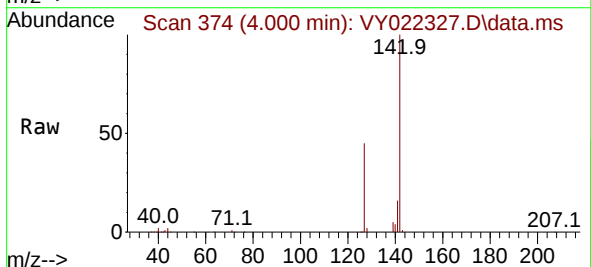
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

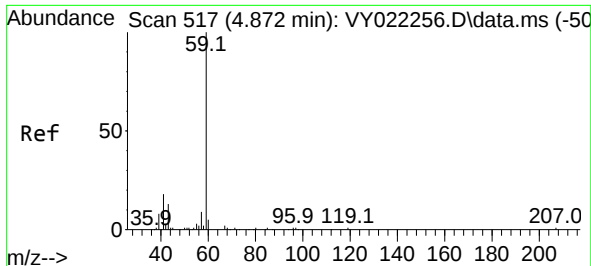
Tgt Ion:101 Resp: 82787
Ion Ratio Lower Upper
101 100
85 50.2 38.6 58.0
151 73.2 59.7 89.5



#10
Methyl Iodide
Concen: 53.780 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion:142 Resp: 102665
Ion Ratio Lower Upper
142 100
127 45.2 35.7 53.5
141 14.4 11.1 16.7

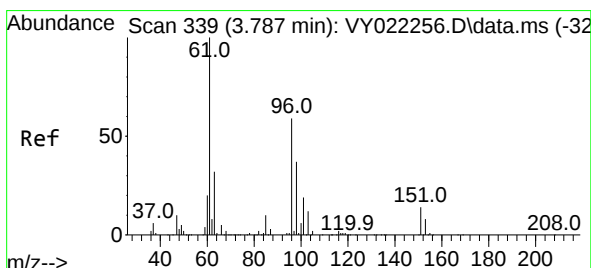
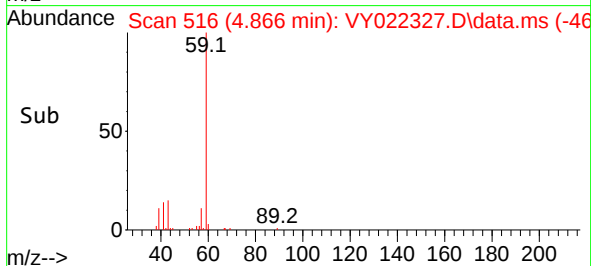
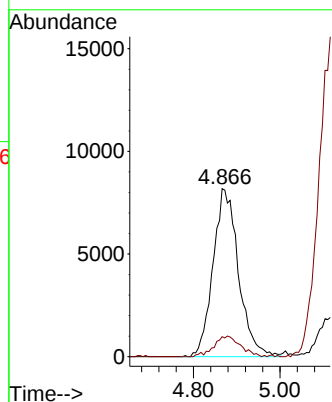
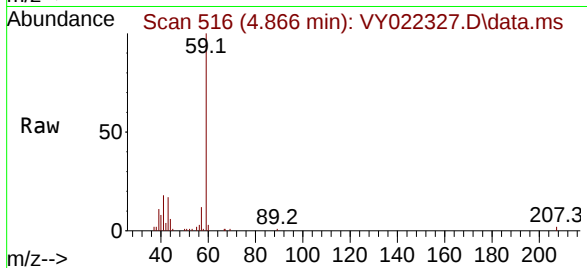




#11
Tert butyl alcohol
Concen: 262.258 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

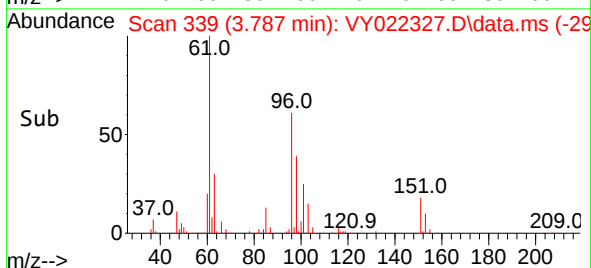
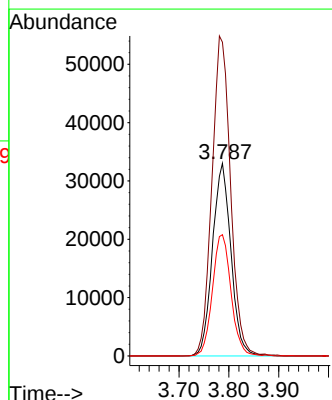
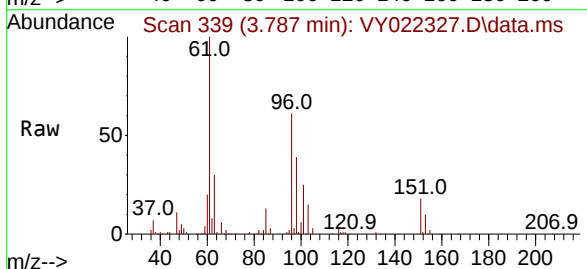
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

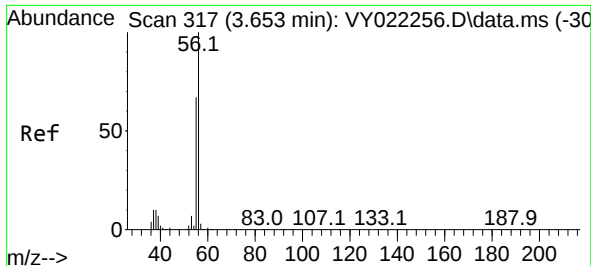
Tgt Ion: 59 Resp: 33492
Ion Ratio Lower Upper
59 100
57 12.7 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 51.993 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 96 Resp: 85100
Ion Ratio Lower Upper
96 100
61 162.9 134.9 202.3
98 63.0 49.9 74.9

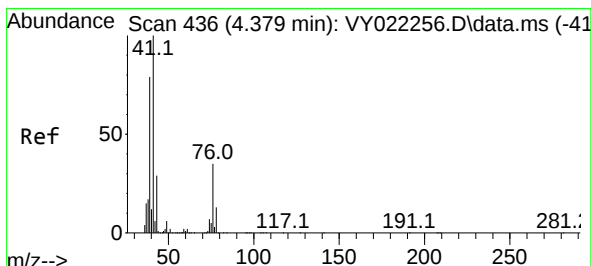
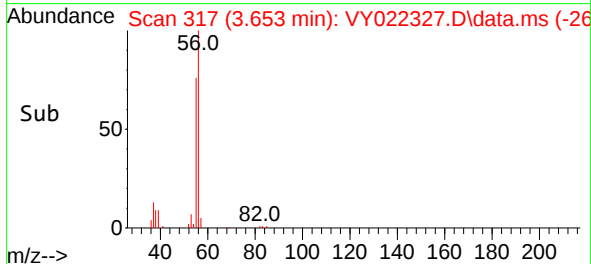
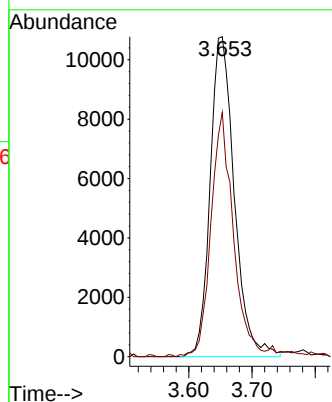
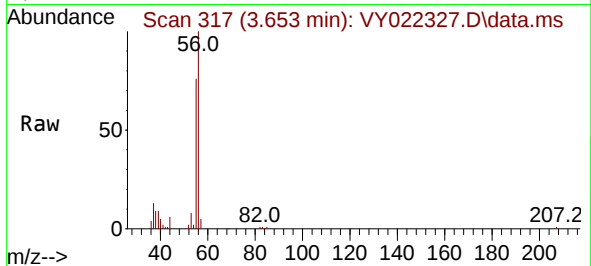




#13
Acrolein
Concen: 153.416 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

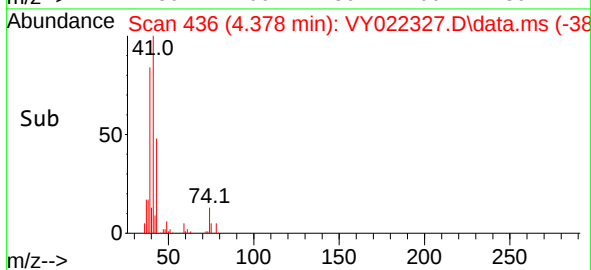
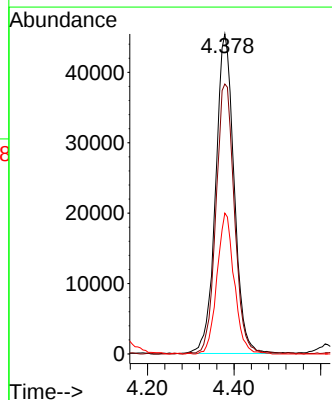
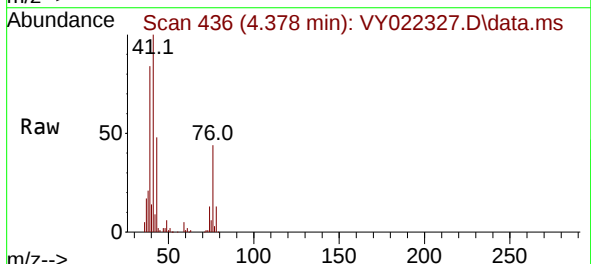
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 28642
Ion Ratio Lower Upper
56 100
55 70.1 55.6 83.4



#14
Allyl chloride
Concen: 46.931 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 41 Resp: 134690
Ion Ratio Lower Upper
41 100
39 84.3 63.4 95.0
76 41.1 29.5 44.3

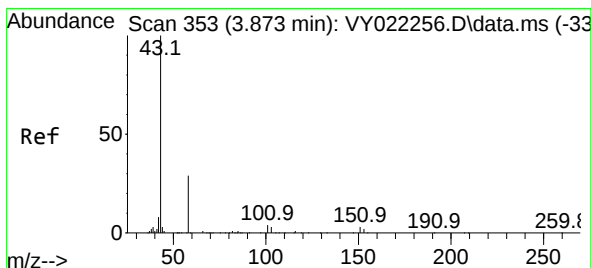
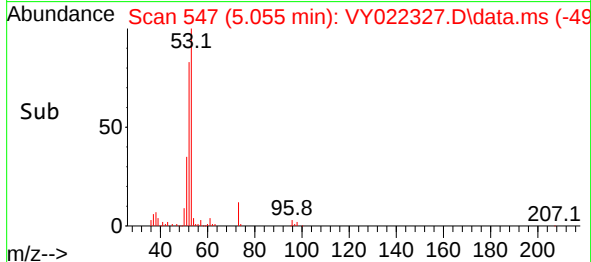
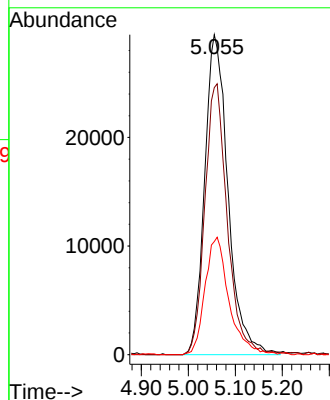
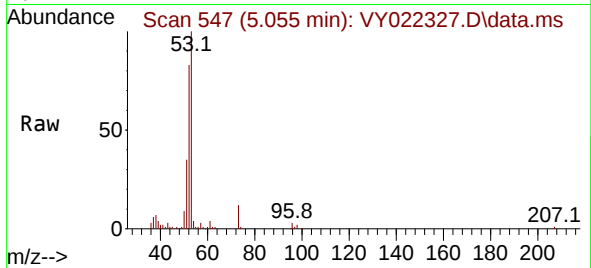




#15
Acrylonitrile
Concen: 270.784 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

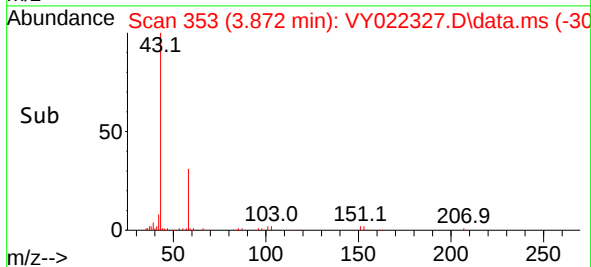
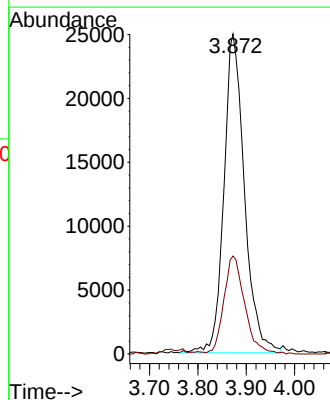
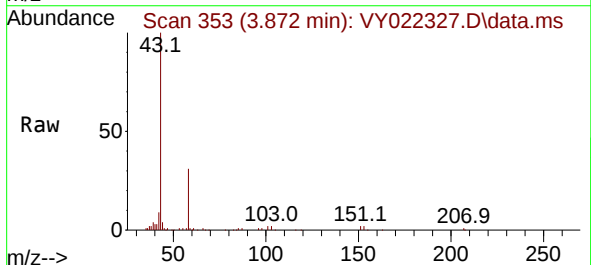
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 101731
Ion Ratio Lower Upper
53 100
52 81.5 66.1 99.1
51 37.6 30.0 45.0



#16
Acetone
Concen: 234.996 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 43 Resp: 73689
Ion Ratio Lower Upper
43 100
58 30.3 23.6 35.4

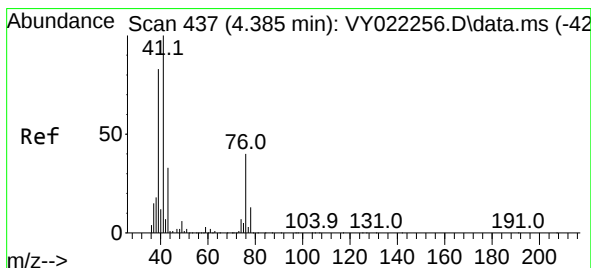
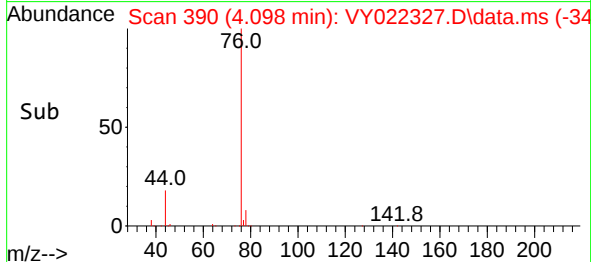
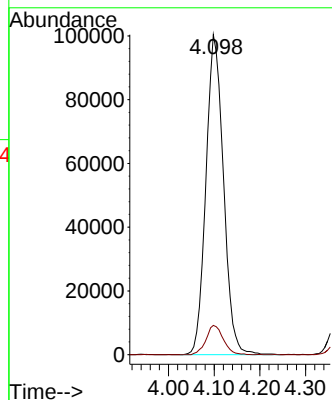
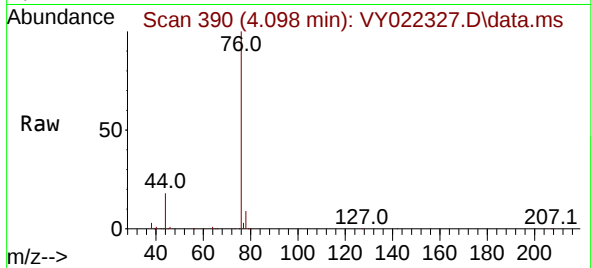




#17
Carbon Disulfide
Concen: 50.146 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

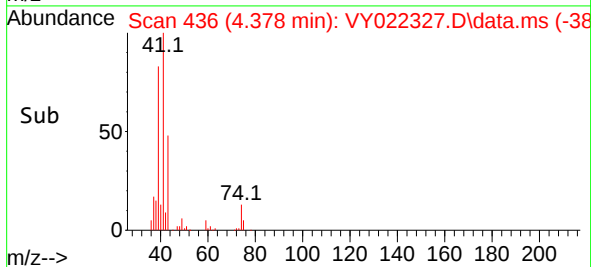
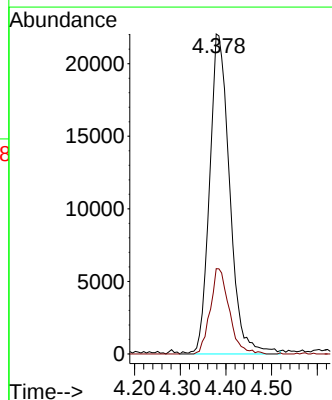
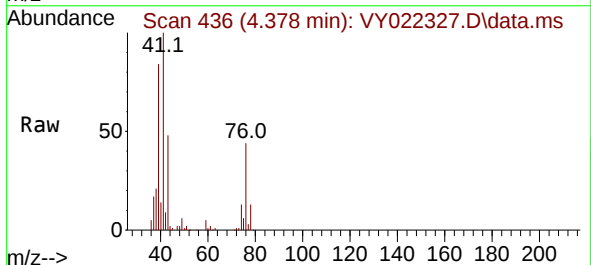
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 267647
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 68.140 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 43 Resp: 67369
Ion Ratio Lower Upper
43 100
74 25.2 18.2 27.4

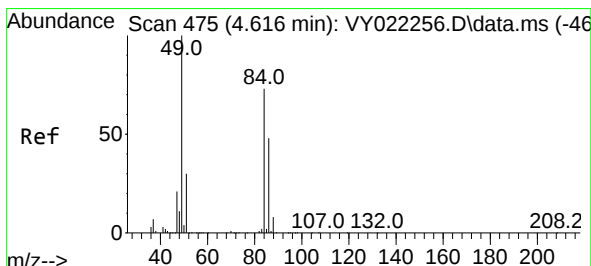
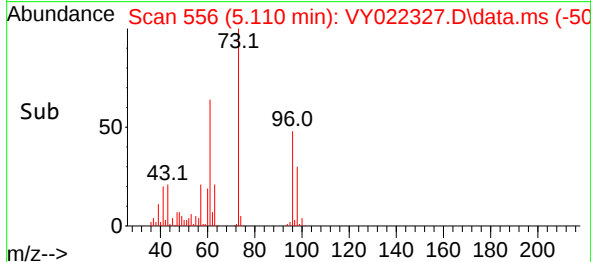
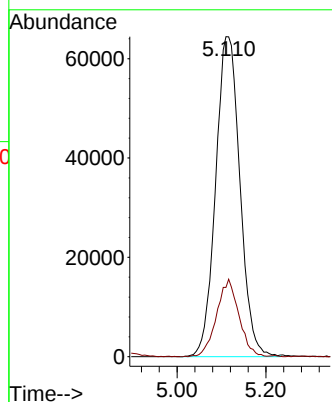
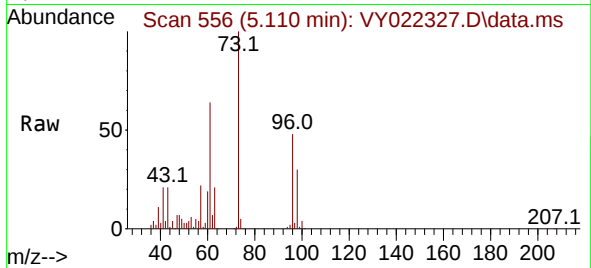




#19
Methyl tert-butyl Ether
Concen: 54.127 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

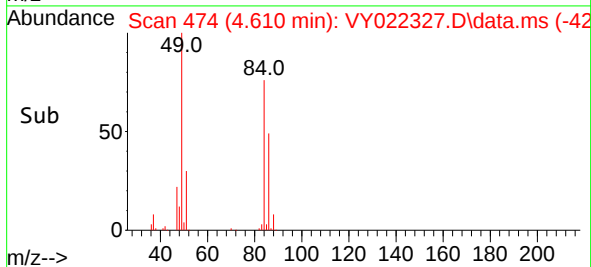
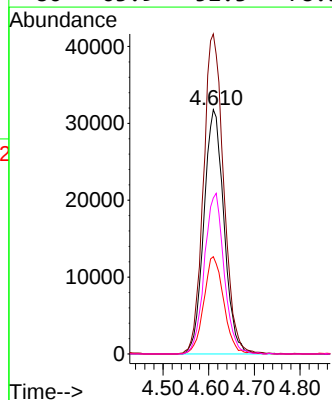
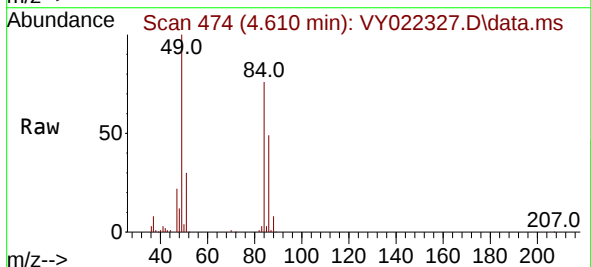
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 244282
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0



#20
Methylene Chloride
Concen: 47.920 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 84 Resp: 97096
Ion Ratio Lower Upper
84 100
49 130.7 109.6 164.4
51 39.8 32.4 48.6
86 63.9 52.3 78.5

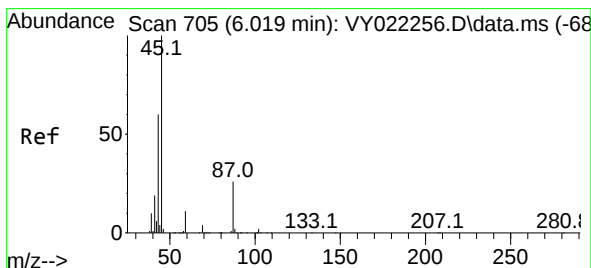
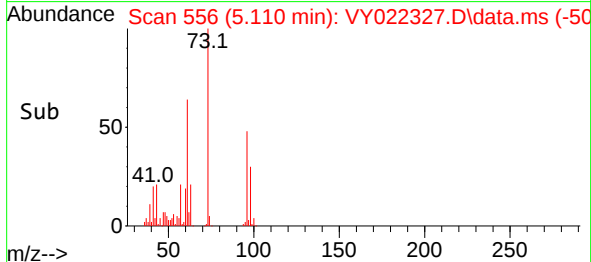
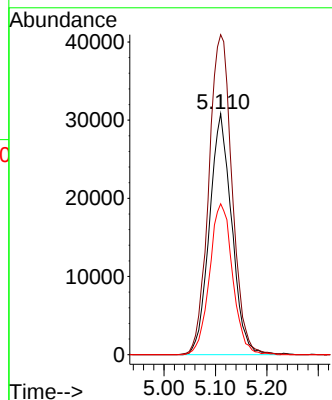
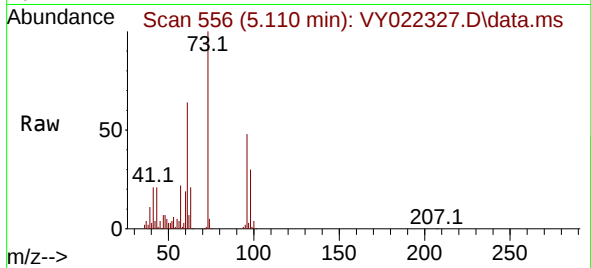




#21
trans-1,2-Dichloroethene
Concen: 51.315 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

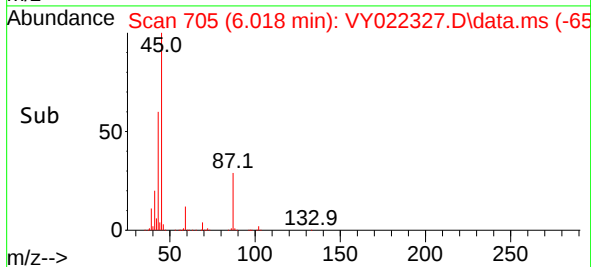
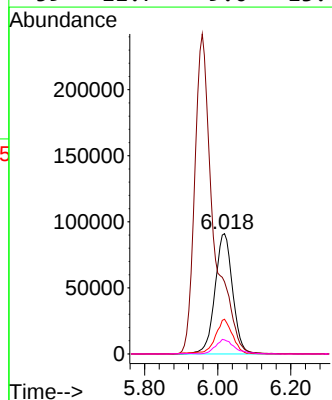
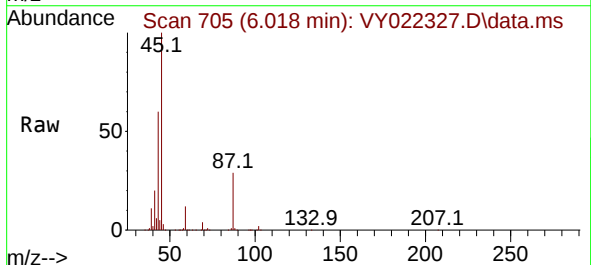
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

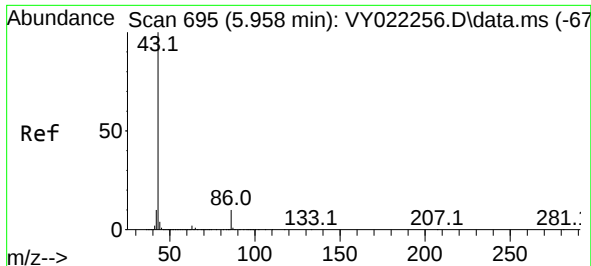
Tgt Ion: 96 Resp: 92708
Ion Ratio Lower Upper
96 100
61 132.7 113.4 170.0
98 62.6 50.9 76.3



#22
Diisopropyl ether
Concen: 50.386 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 45 Resp: 305376
Ion Ratio Lower Upper
45 100
43 59.6 48.2 72.2
87 28.9 21.4 32.0
59 11.7 9.0 13.4

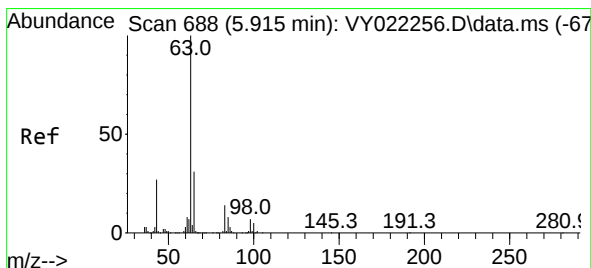
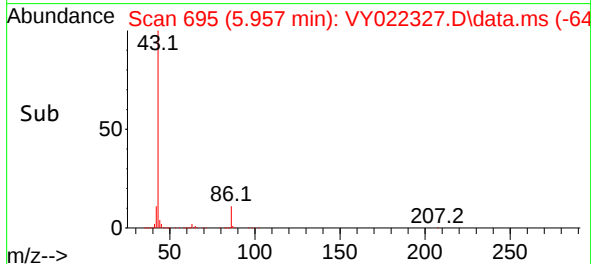
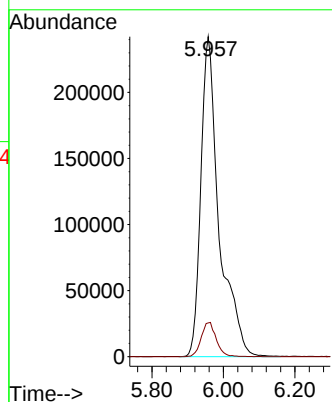
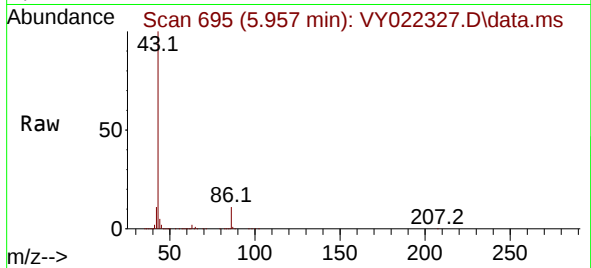




#23
 Vinyl Acetate
 Concen: 233.700 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

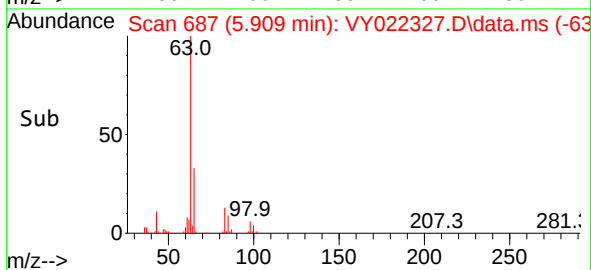
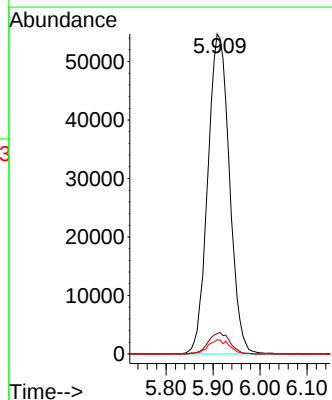
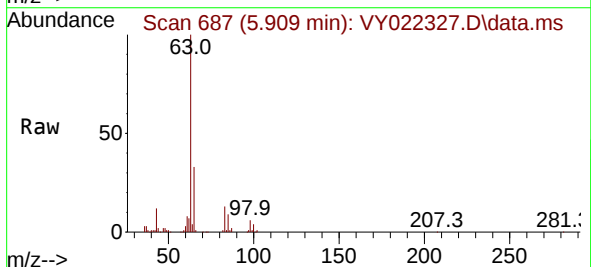
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

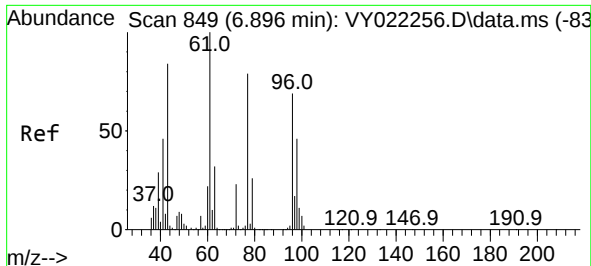
Tgt Ion: 43 Resp: 855691
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.700 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

Tgt Ion: 63 Resp: 175055
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.4 2.4 7.2

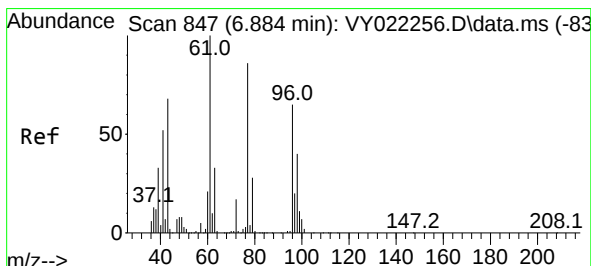
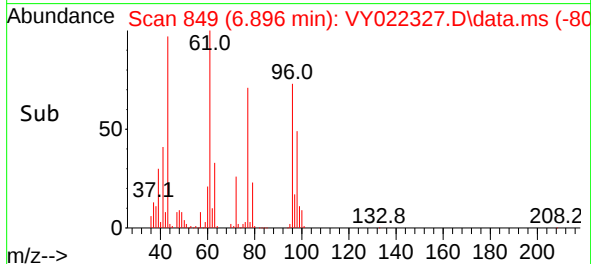
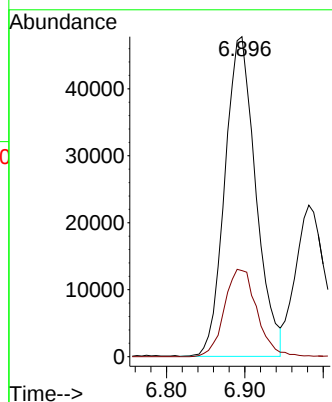
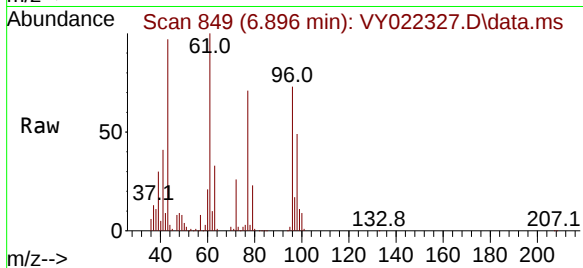




#25
2-Butanone
Concen: 249.742 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

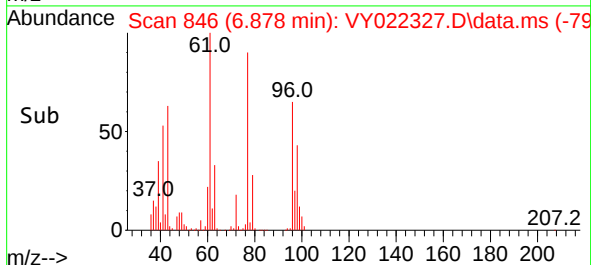
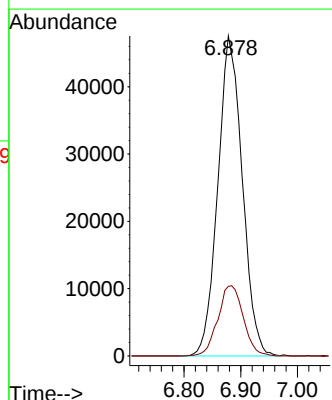
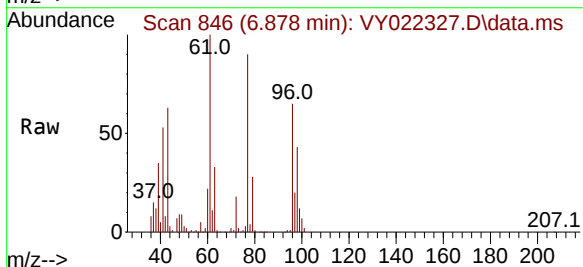
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

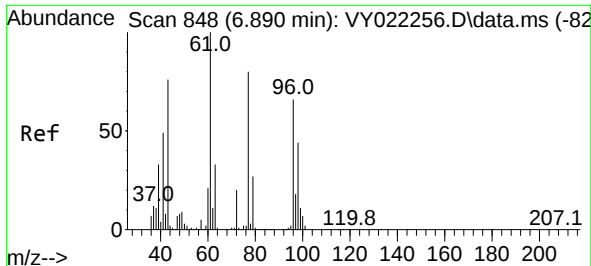
Tgt Ion: 43 Resp: 130995
Ion Ratio Lower Upper
43 100
72 26.9 22.1 33.1



#26
2,2-Dichloropropane
Concen: 47.186 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 77 Resp: 142107
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 52.896 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

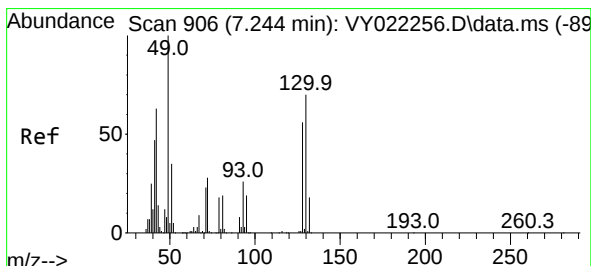
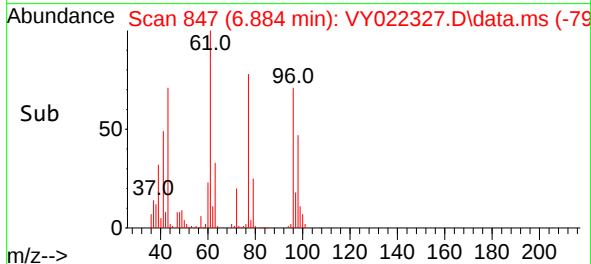
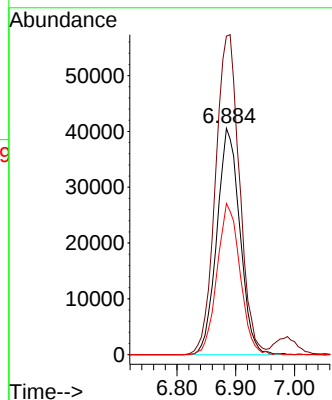
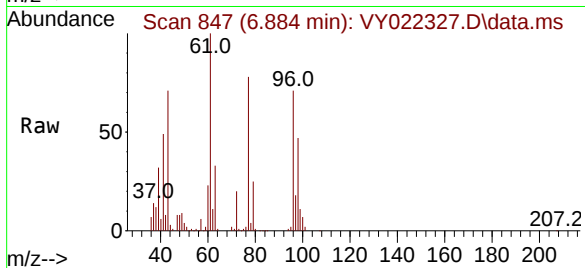
Tgt Ion: 96 Resp: 110280

Ion Ratio Lower Upper

96 100

61 147.4 0.0 302.6

98 66.6 0.0 128.8



#28

Bromochloromethane

Concen: 52.779 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

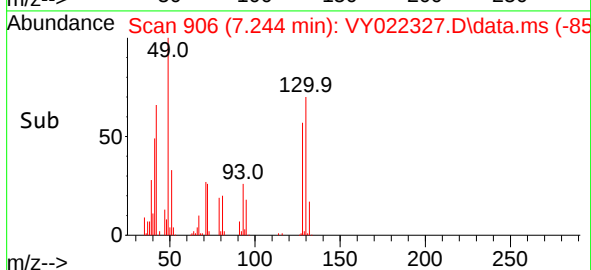
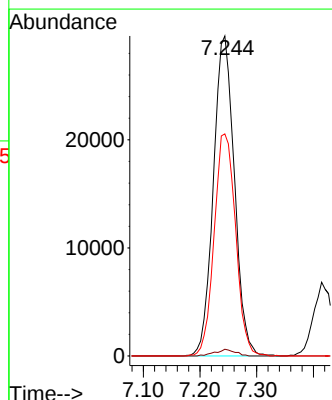
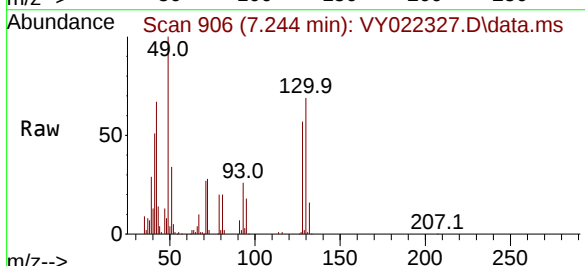
Tgt Ion: 49 Resp: 76227

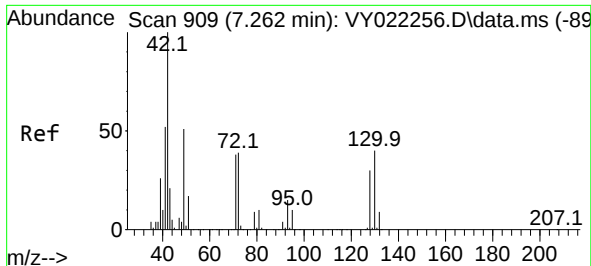
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 266.228 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

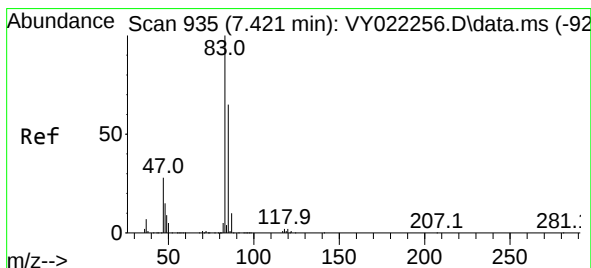
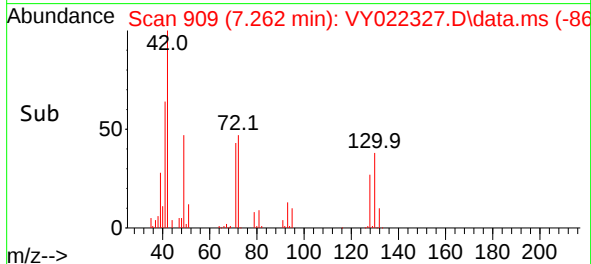
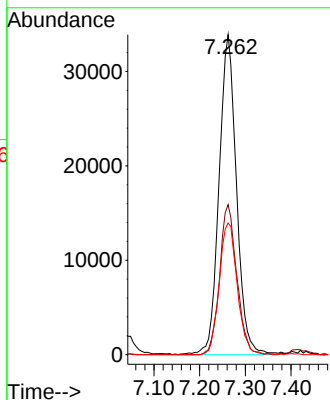
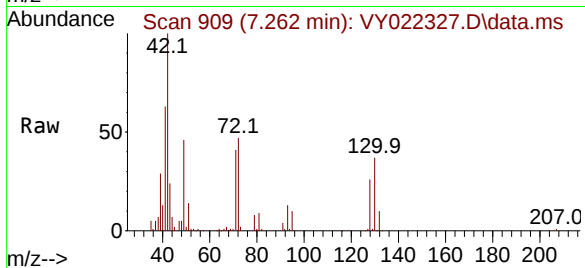
Tgt Ion: 42 Resp: 89839

Ion Ratio Lower Upper

42 100

72 46.1 33.8 50.6

71 42.4 31.5 47.3



#30

Chloroform

Concen: 54.377 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022327.D

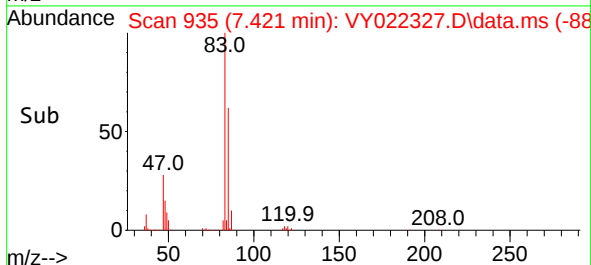
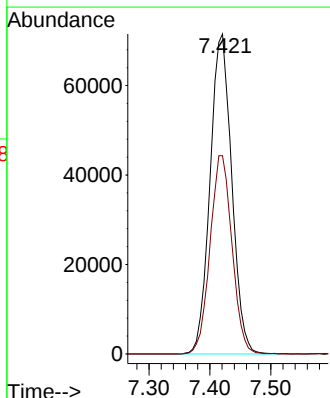
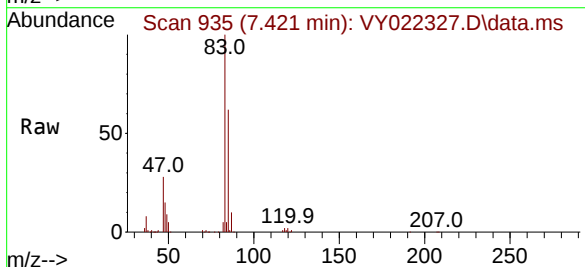
Acq: 19 May 2025 18:52

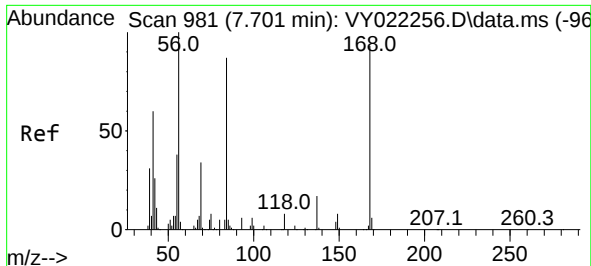
Tgt Ion: 83 Resp: 176605

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.8

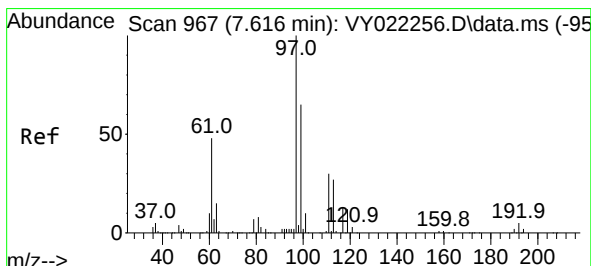
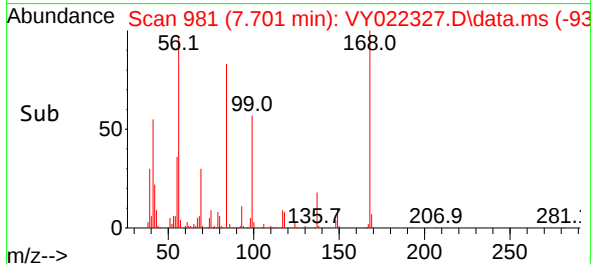
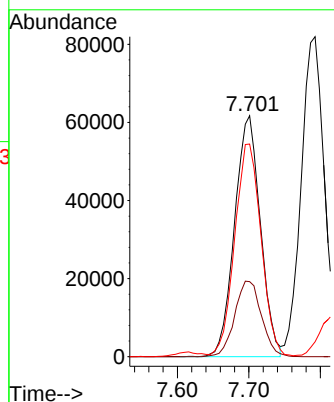
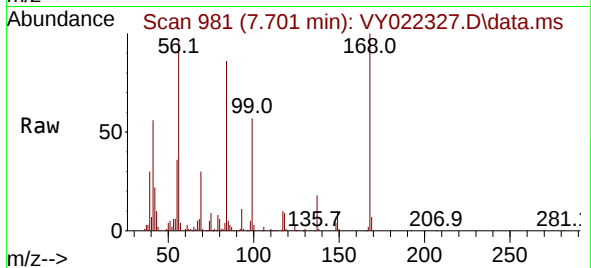




#31
Cyclohexane
Concen: 45.699 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

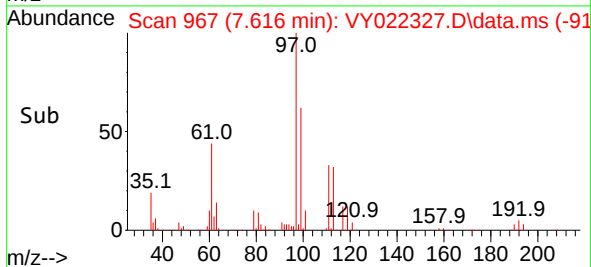
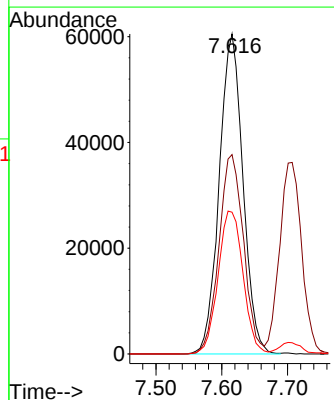
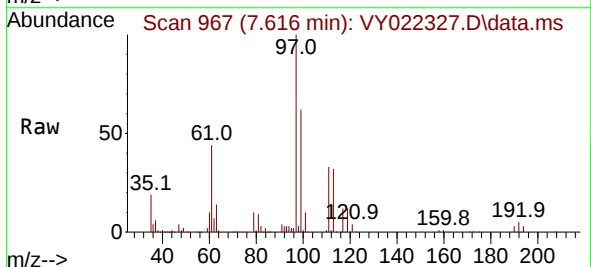
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

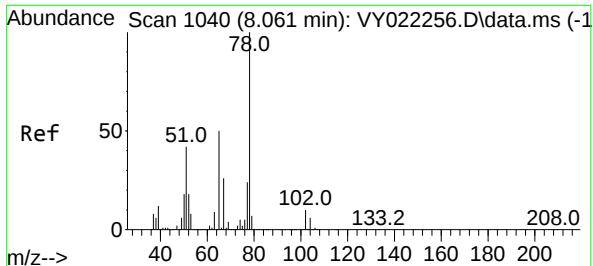
Tgt Ion: 56 Resp: 154605
Ion Ratio Lower Upper
56 100
69 31.2 27.4 41.2
84 86.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.969 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 97 Resp: 151870
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 47.1 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 52.714 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

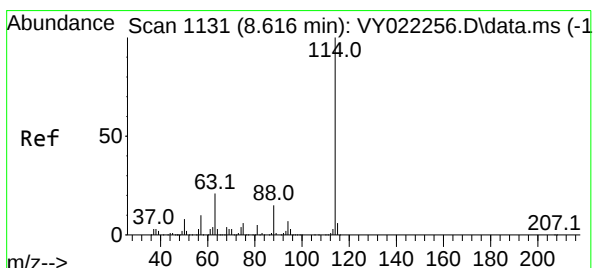
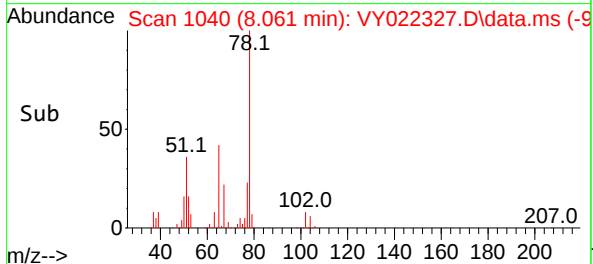
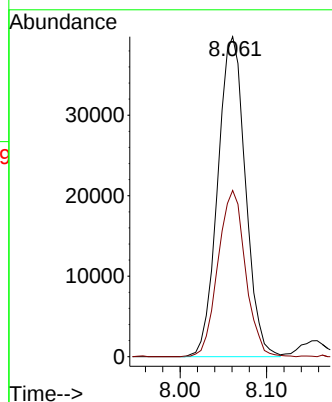
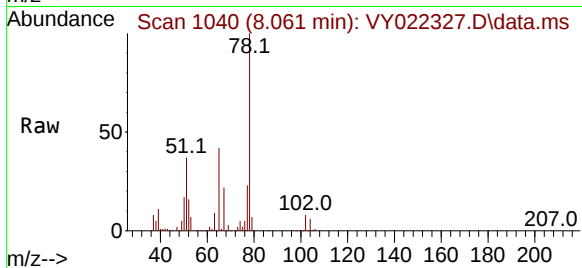
VSTDCCC050EC

Tgt Ion: 65 Resp: 88156

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

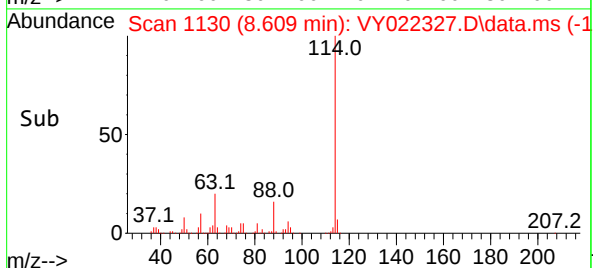
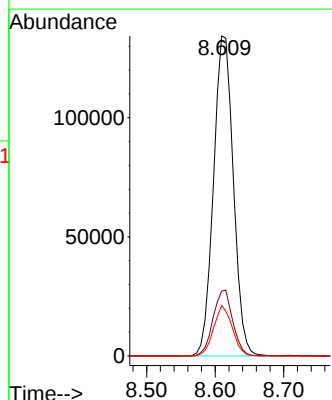
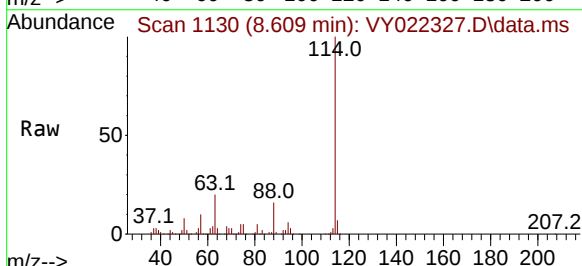
Tgt Ion: 114 Resp: 269702

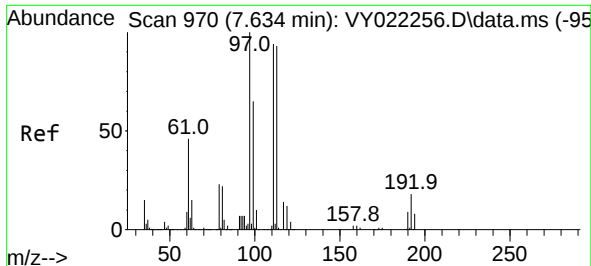
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 15.8 0.0 29.4

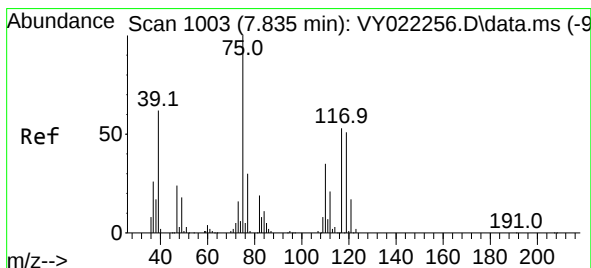
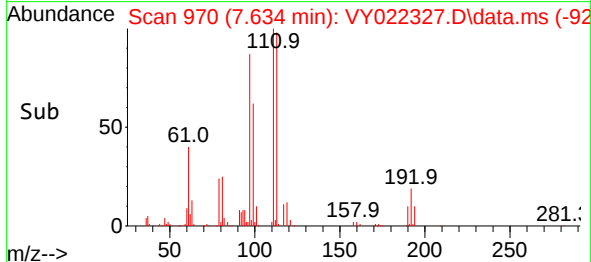
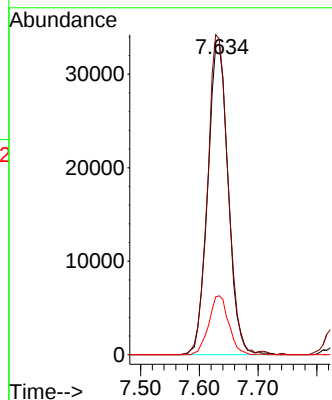
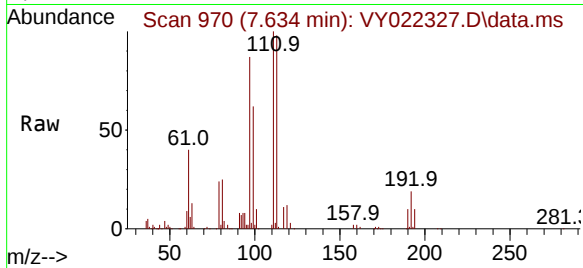




#35
Dibromofluoromethane
Concen: 50.001 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

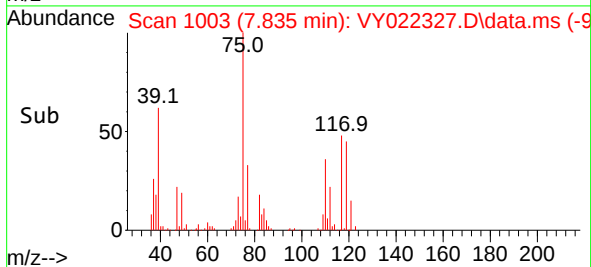
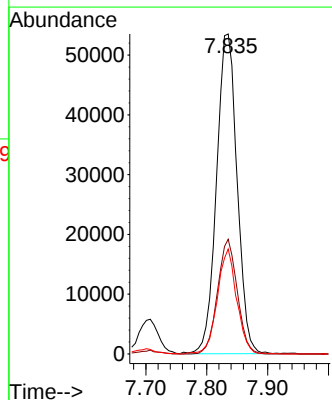
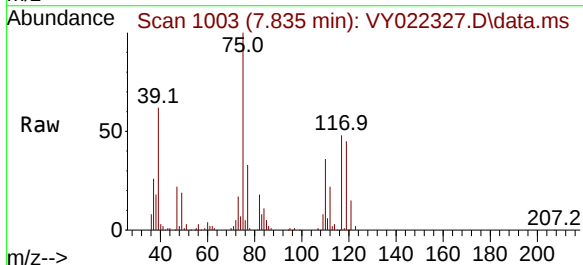
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

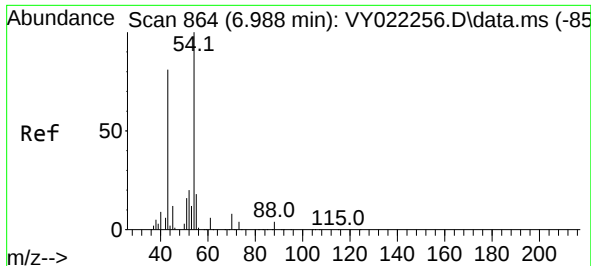
Tgt Ion:113 Resp: 80489
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 47.442 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 75 Resp: 125789
Ion Ratio Lower Upper
75 100
110 34.2 16.6 49.8
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 47.484 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

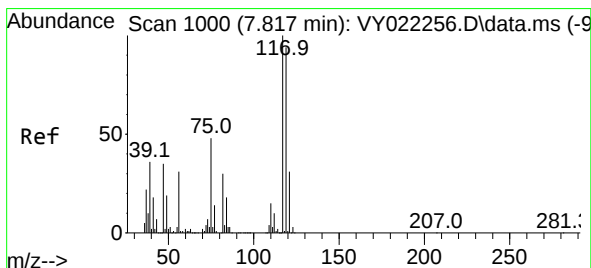
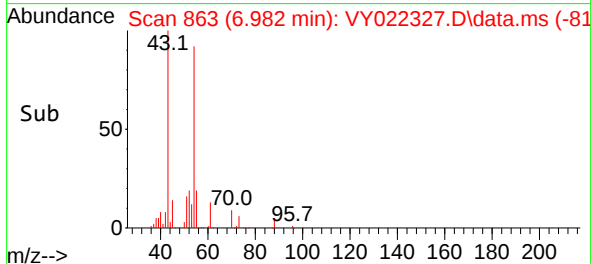
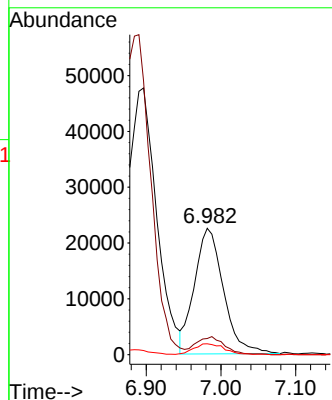
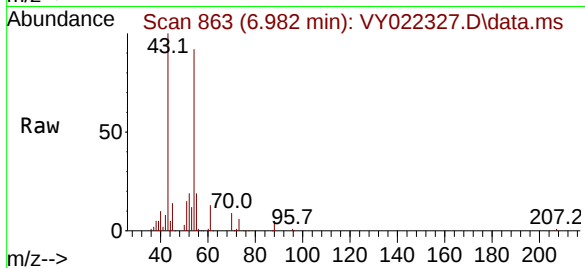
Tgt Ion: 43 Resp: 60577

Ion Ratio Lower Upper

43 100

61 14.3 10.2 15.2

70 9.3 7.6 11.4



#38

Carbon Tetrachloride

Concen: 47.403 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

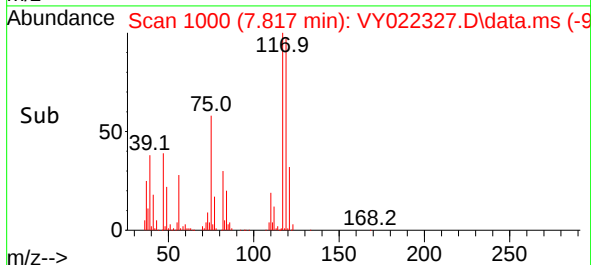
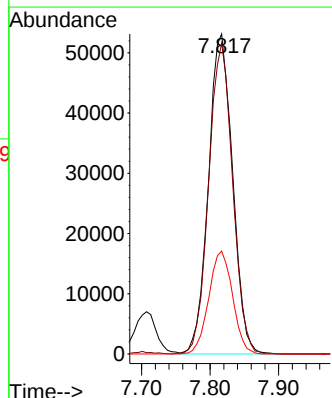
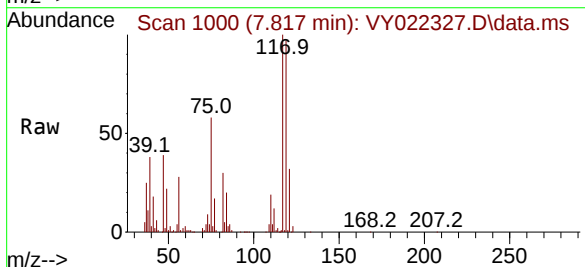
Tgt Ion: 117 Resp: 130100

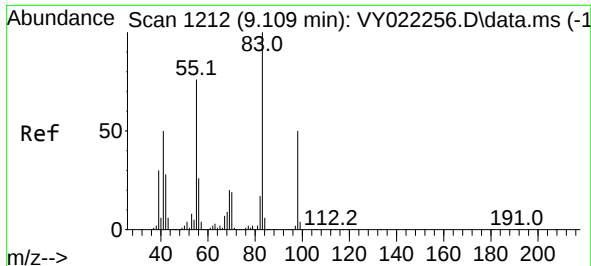
Ion Ratio Lower Upper

117 100

119 97.2 75.3 112.9

121 32.2 24.7 37.1

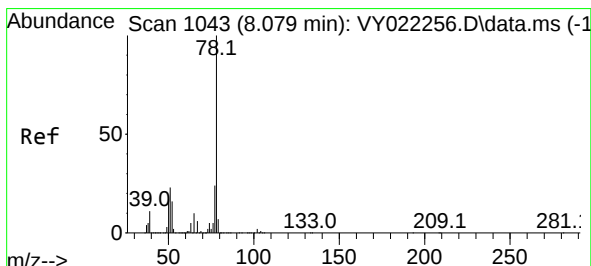
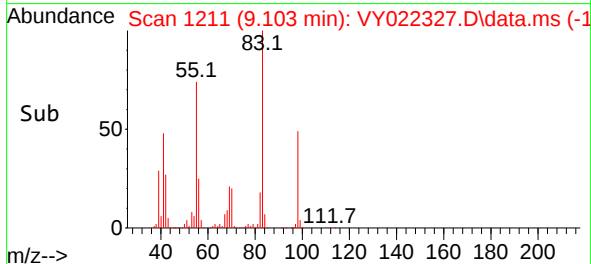
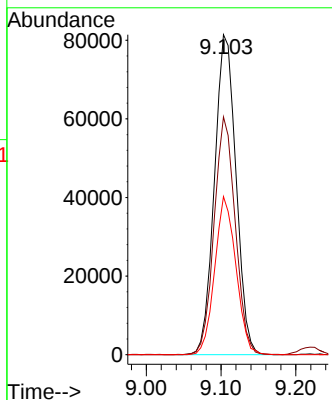
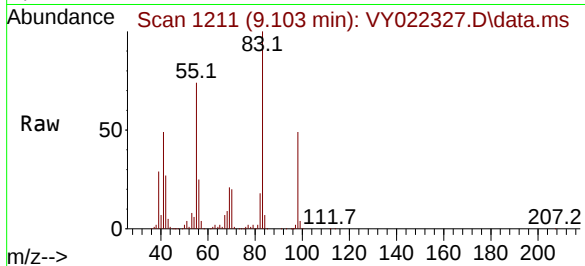




#39
Methylcyclohexane
Concen: 45.831 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

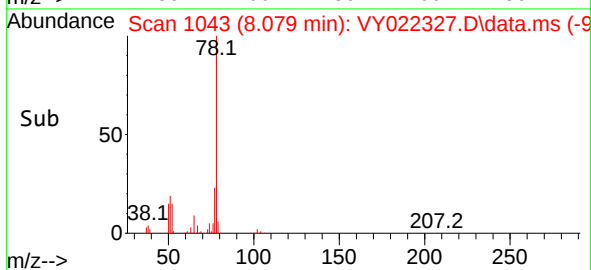
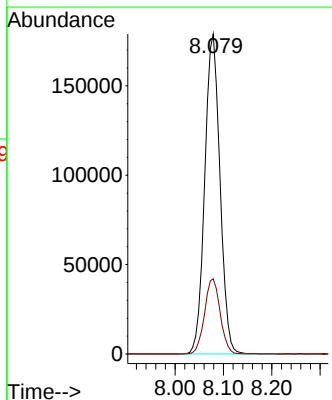
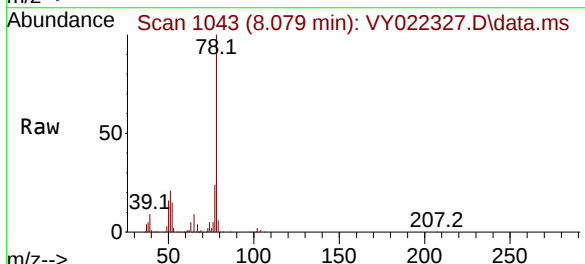
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

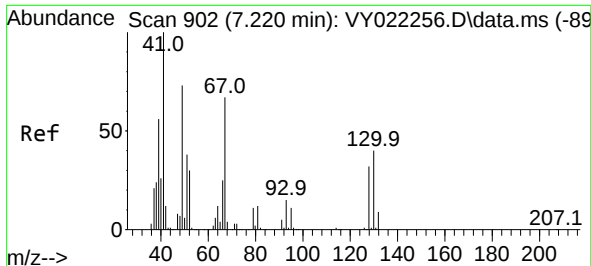
Tgt Ion: 83 Resp: 163258
Ion Ratio Lower Upper
83 100
55 74.2 60.6 90.8
98 49.4 40.0 60.0



#40
Benzene
Concen: 49.789 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 78 Resp: 391350
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

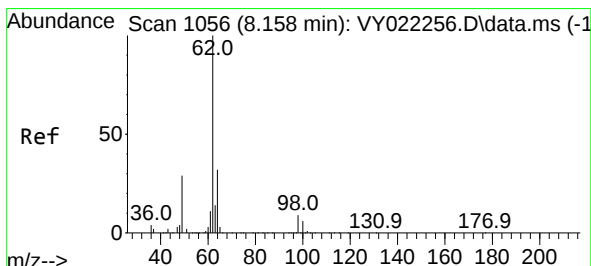
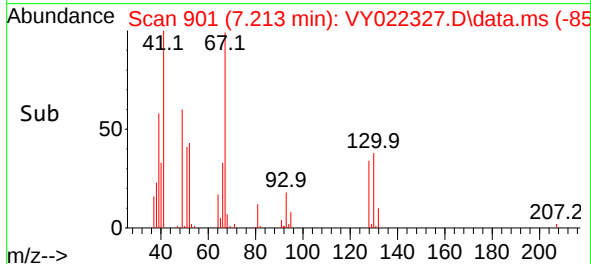
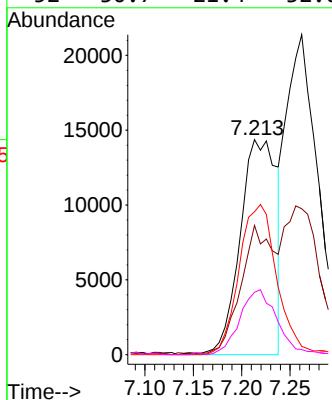
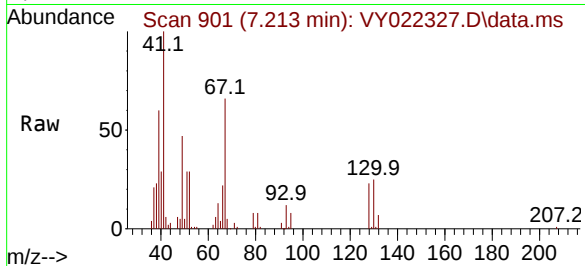




#41
Methacrylonitrile
Concen: 44.649 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

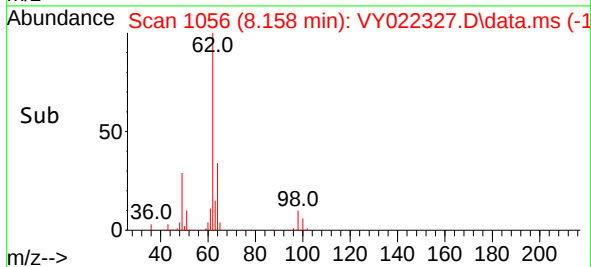
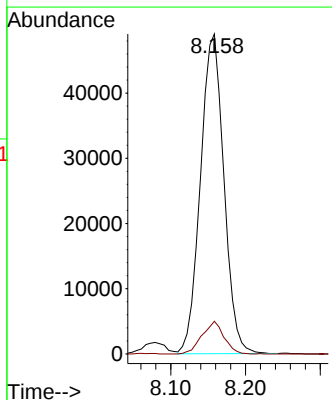
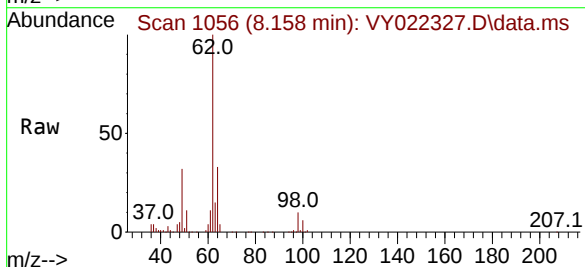
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

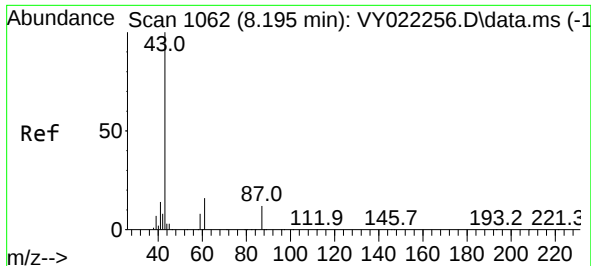
Tgt Ion: 41 Resp: 37784
Ion Ratio Lower Upper
41 100
39 54.8 39.1 58.7
67 72.7 47.1 70.7#
52 30.7 21.4 32.0



#42
1,2-Dichloroethane
Concen: 50.248 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 62 Resp: 106807
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4

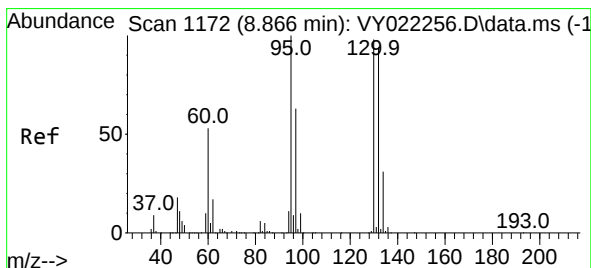
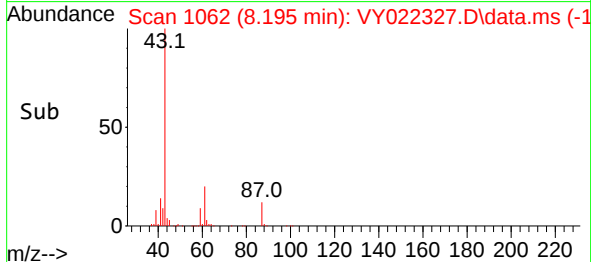
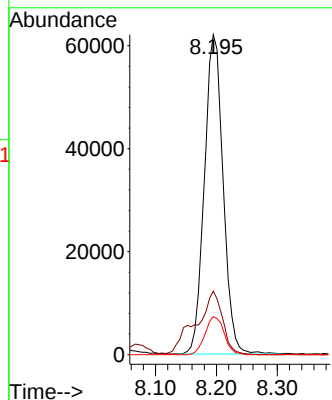
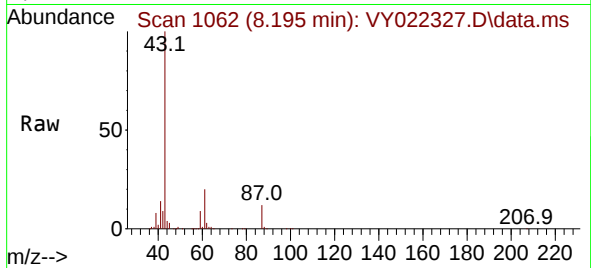




#43
Isopropyl Acetate
Concen: 47.761 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

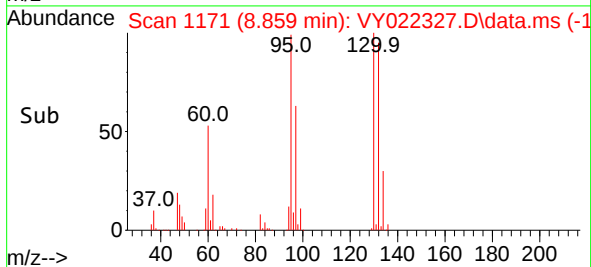
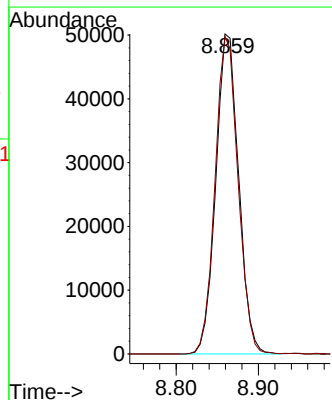
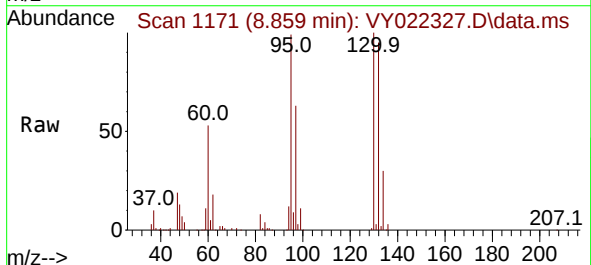
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 132883
Ion Ratio Lower Upper
43 100
61 28.4 15.1 22.7#
87 12.1 9.7 14.5



#44
Trichloroethene
Concen: 49.526 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion:130 Resp: 96794
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.8





#45

1,2-Dichloropropane

Concen: 49.252 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

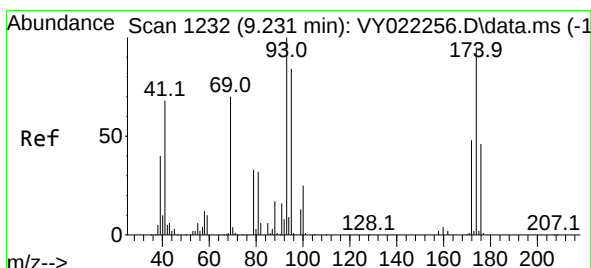
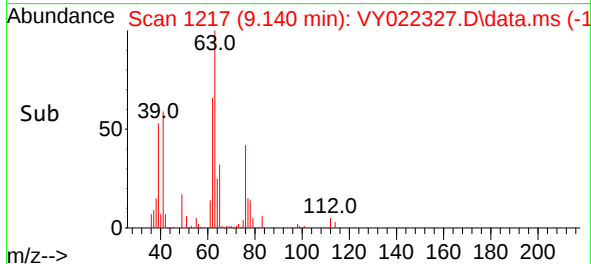
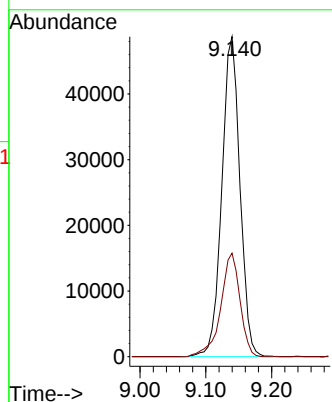
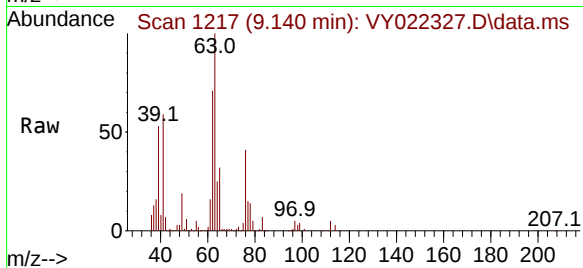
VSTDCCC050EC

Tgt Ion: 63 Resp: 93333

Ion Ratio Lower Upper

63 100

65 32.4 25.7 38.5



#46

Dibromomethane

Concen: 52.440 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

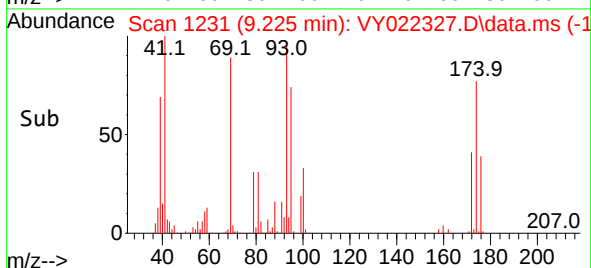
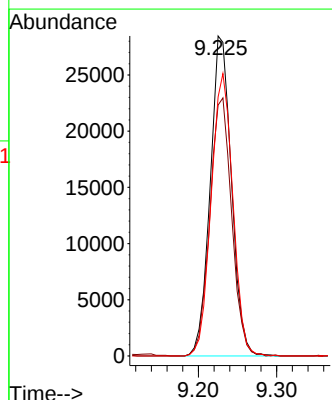
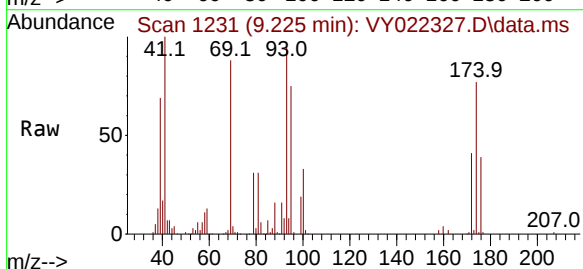
Tgt Ion: 93 Resp: 53599

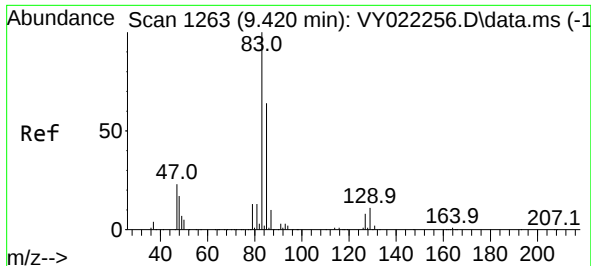
Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 90.0 74.3 111.5

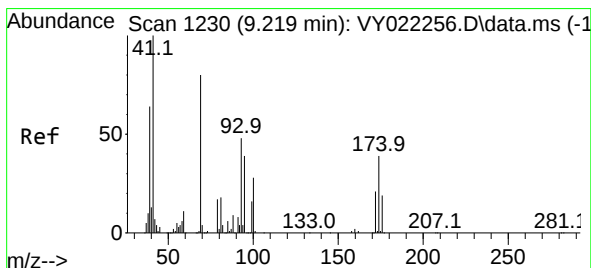
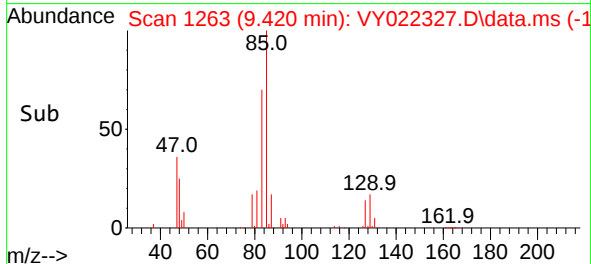
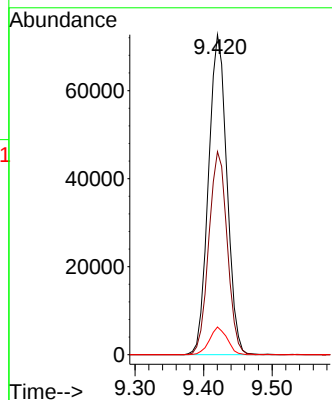
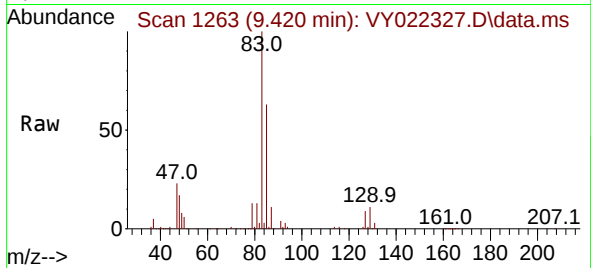




#47
Bromodichloromethane
Concen: 51.176 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

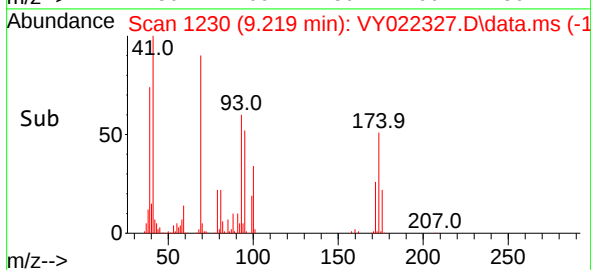
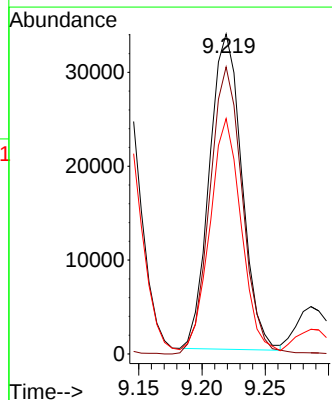
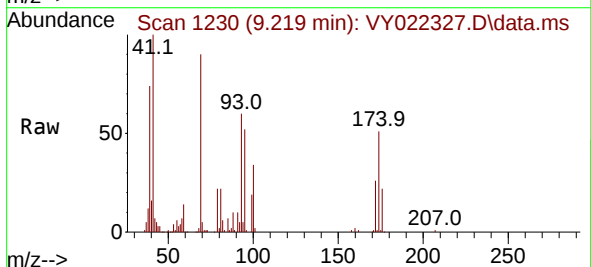
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

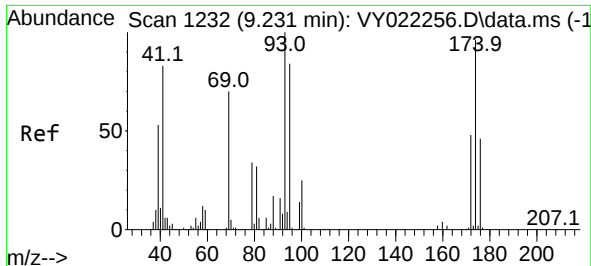
Tgt Ion: 83 Resp: 135697
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 46.167 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 41 Resp: 60069
Ion Ratio Lower Upper
41 100
69 91.4 63.5 95.3
39 70.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1089.753 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

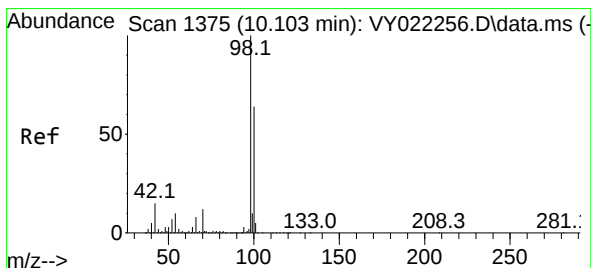
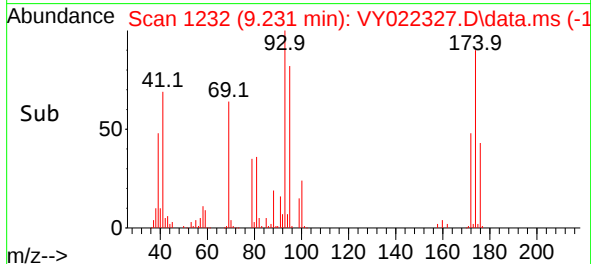
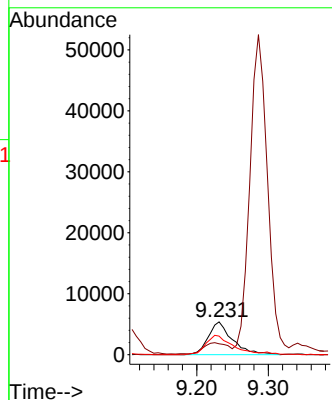
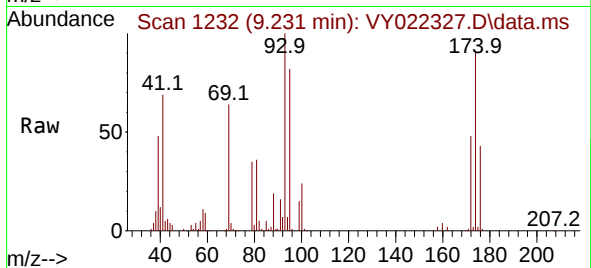
Tgt Ion: 88 Resp: 12583

Ion Ratio Lower Upper

88 100

43 34.8 28.5 42.7

58 68.7 61.4 92.2



#50

Toluene-d8

Concen: 49.467 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022327.D

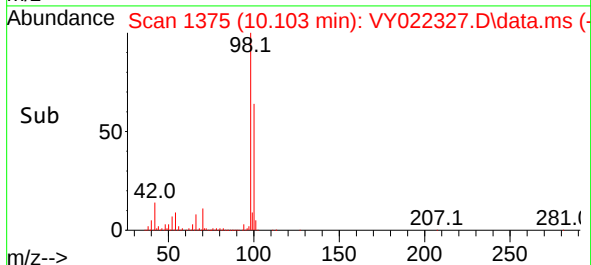
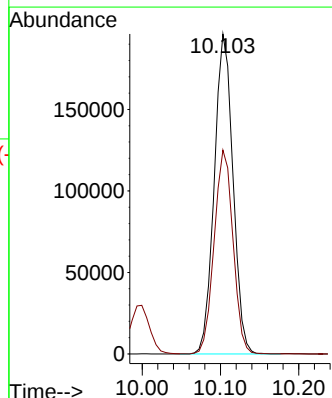
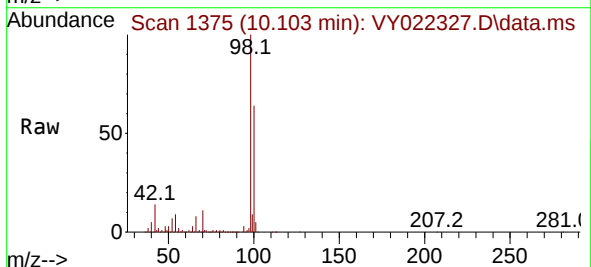
Acq: 19 May 2025 18:52

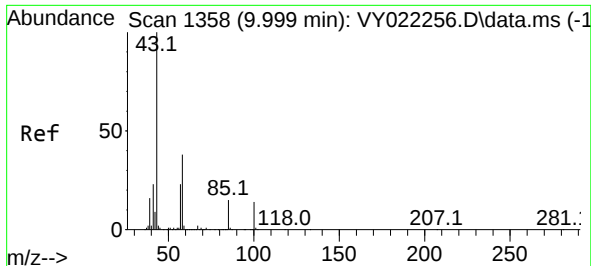
Tgt Ion: 98 Resp: 326124

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8

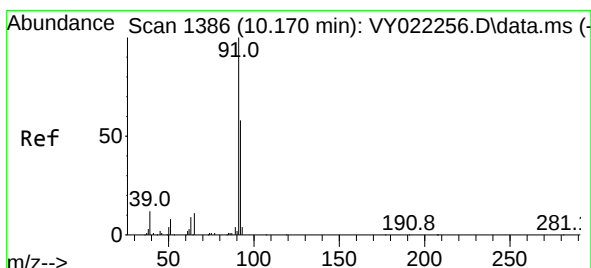
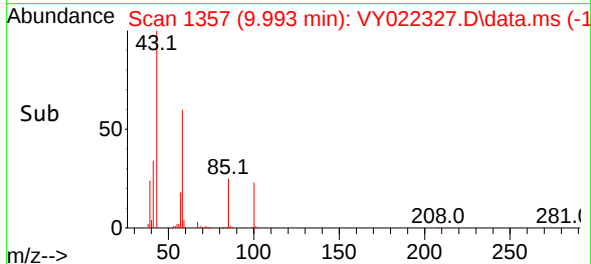
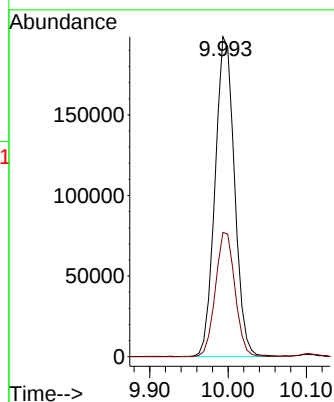
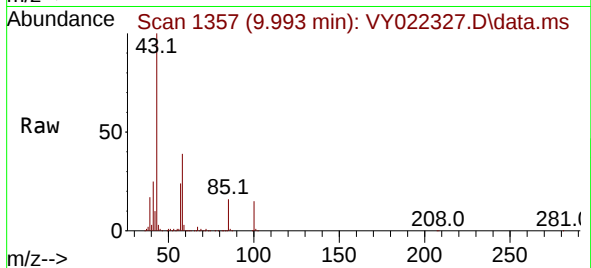




#51
4-Methyl-2-Pentanone
Concen: 250.919 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

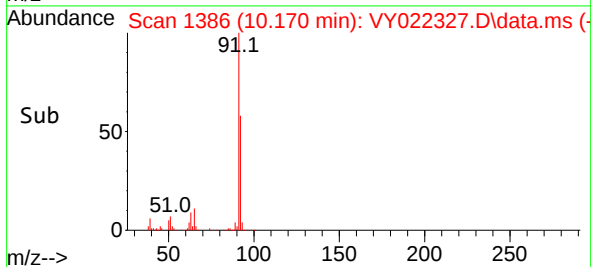
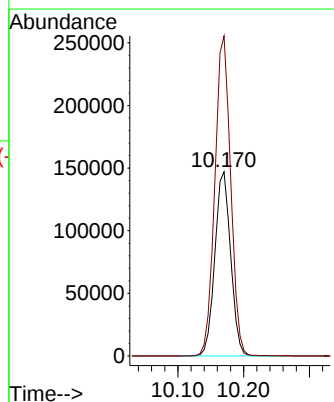
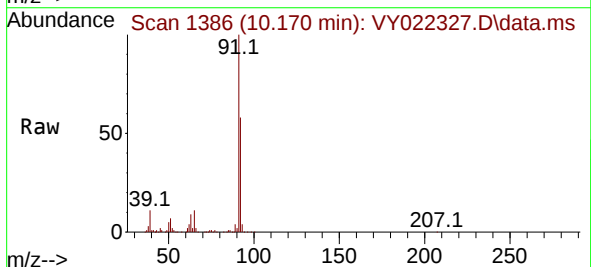
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

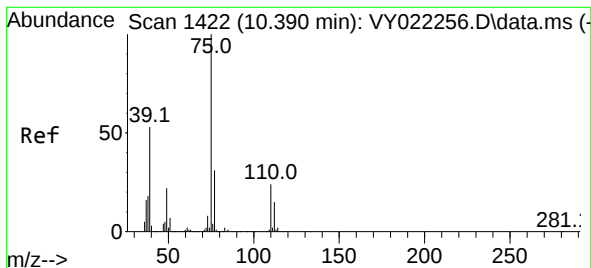
Tgt Ion: 43 Resp: 342544
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.2



#52
Toluene
Concen: 49.408 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 92 Resp: 245922
Ion Ratio Lower Upper
92 100
91 174.2 139.1 208.7

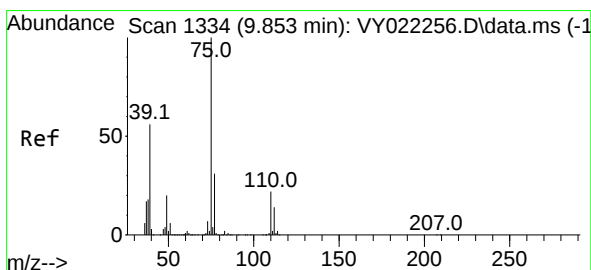
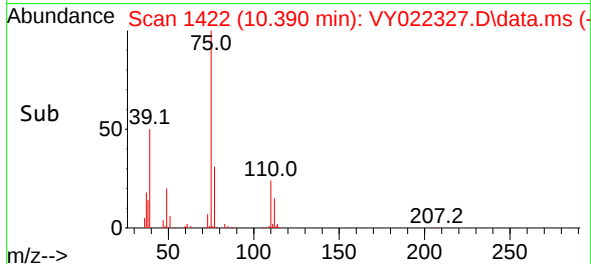
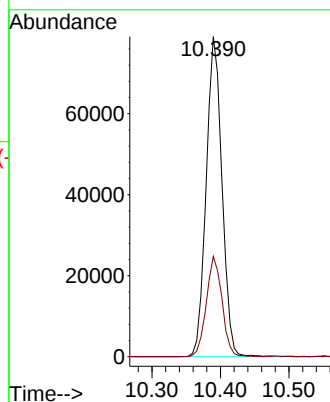
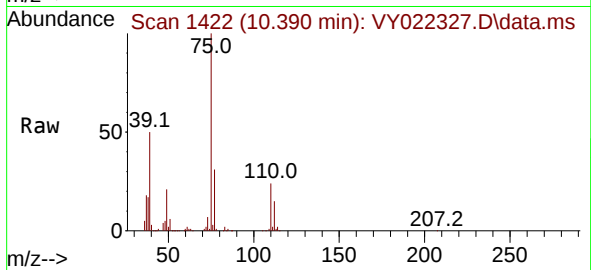




#53
 t-1,3-Dichloropropene
 Concen: 48.997 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

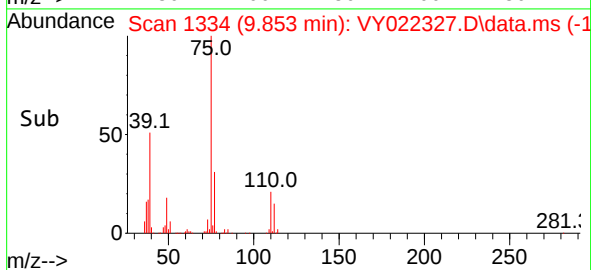
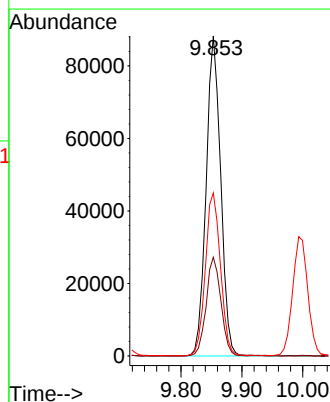
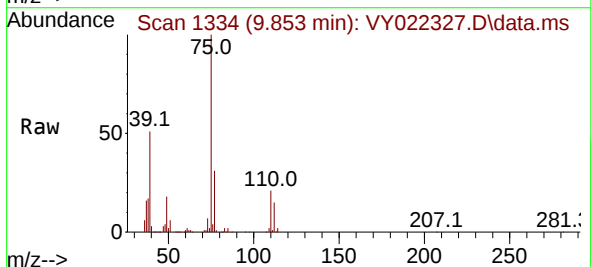
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

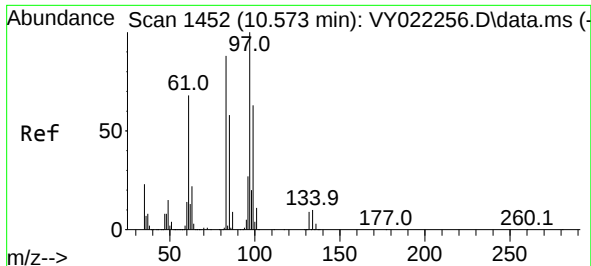
Tgt Ion: 75 Resp: 126789
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.431 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

Tgt Ion: 75 Resp: 146552
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7
 39 50.8 44.5 66.7

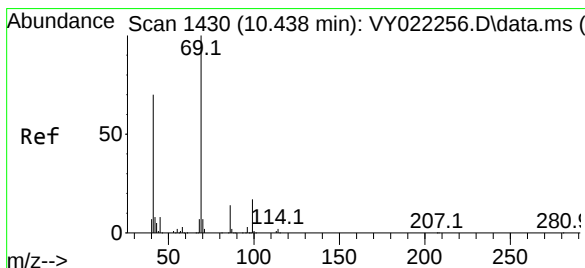
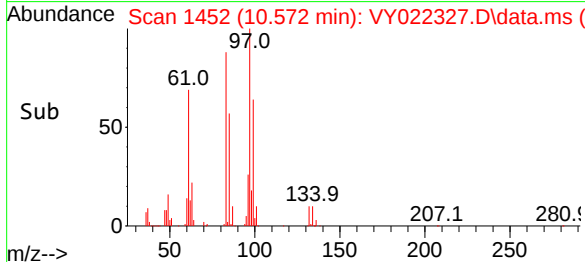
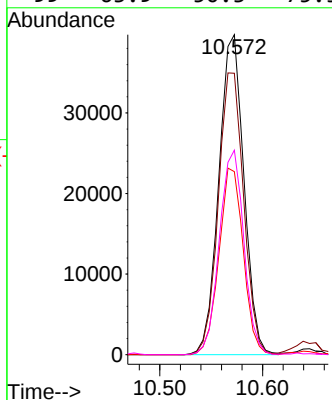
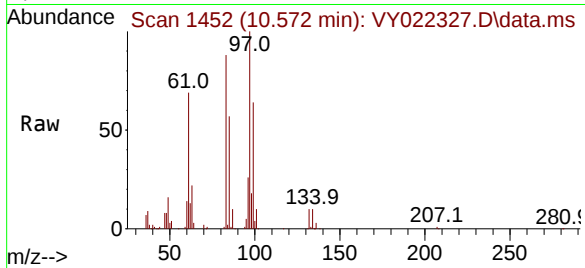




#55
1,1,2-Trichloroethane
Concen: 51.373 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

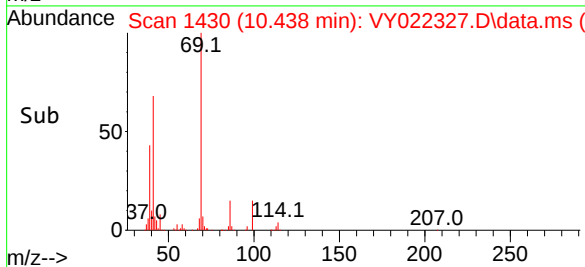
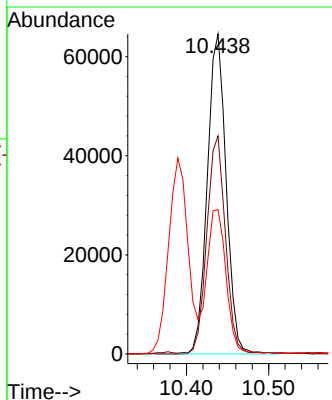
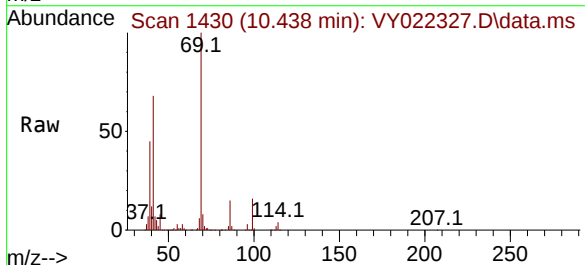
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

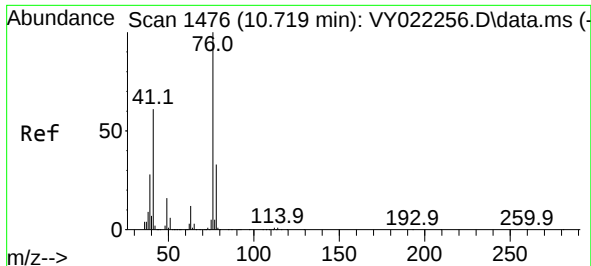
Tgt Ion:	97	Resp:	67239
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	57.2	46.2	69.4
99	63.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 50.422 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion:	69	Resp:	102799
Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.5	84.7
39	45.8	37.1	55.7





#57

1,3-Dichloropropane

Concen: 52.336 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

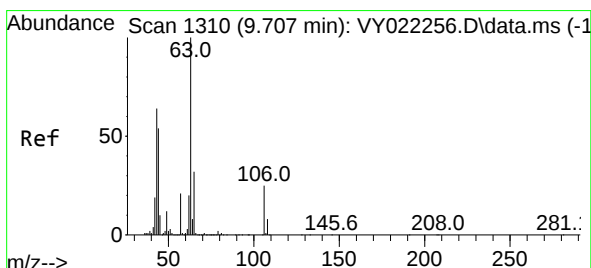
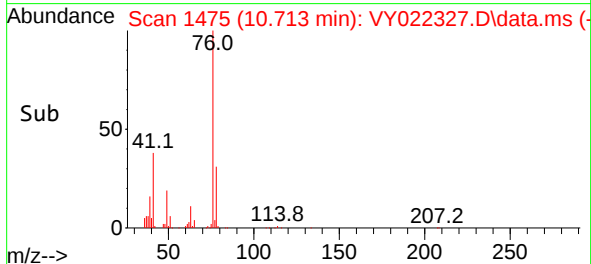
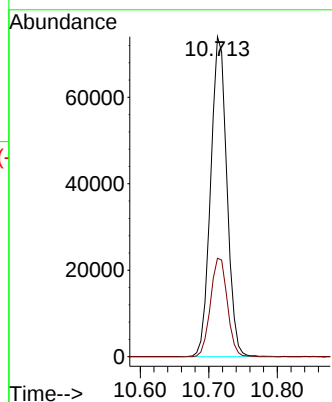
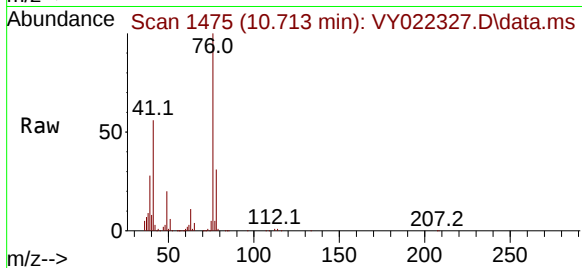
VSTDCCC050EC

Tgt Ion: 76 Resp: 121706

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.207 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022327.D

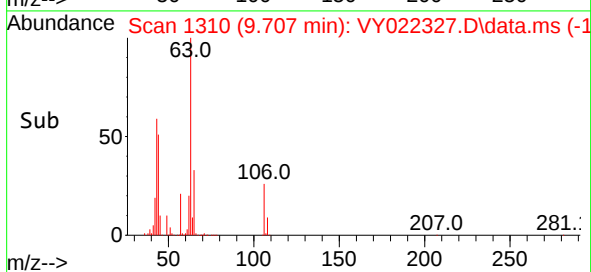
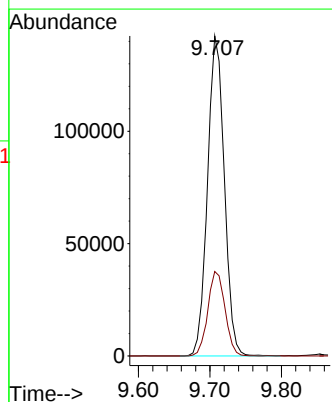
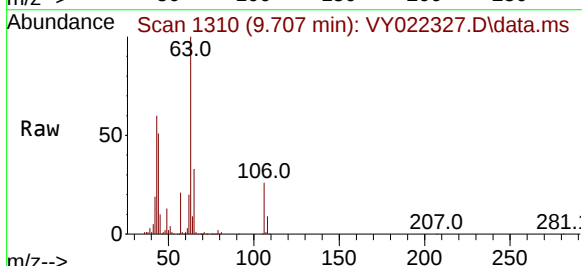
Acq: 19 May 2025 18:52

Tgt Ion: 63 Resp: 232623

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4

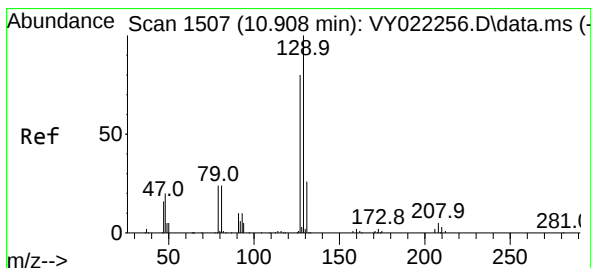
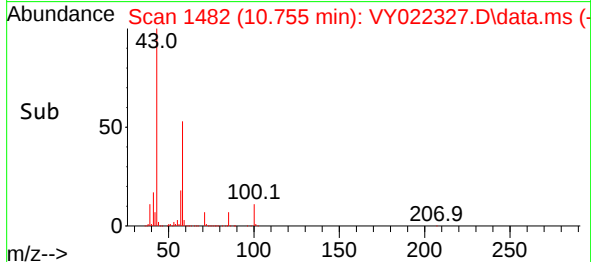
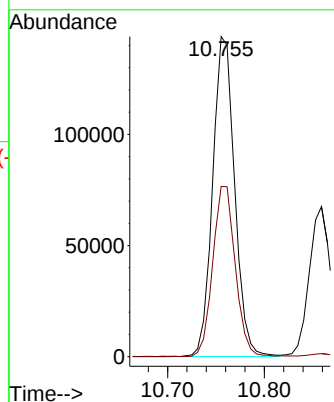
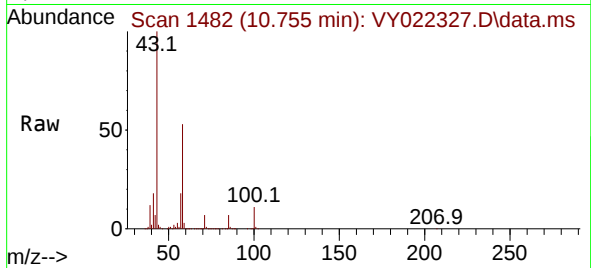




#59
2-Hexanone
Concen: 247.594 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

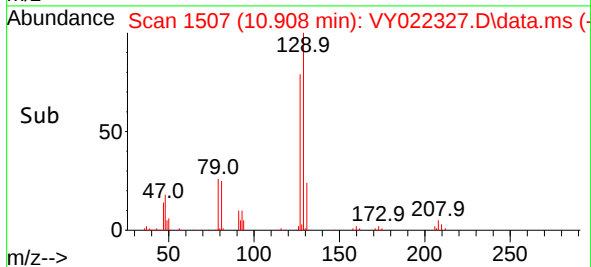
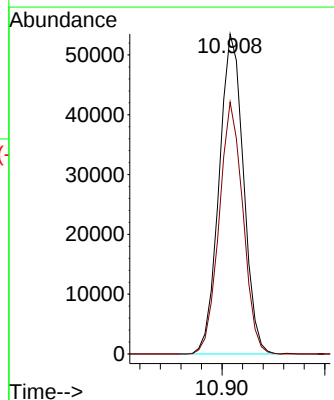
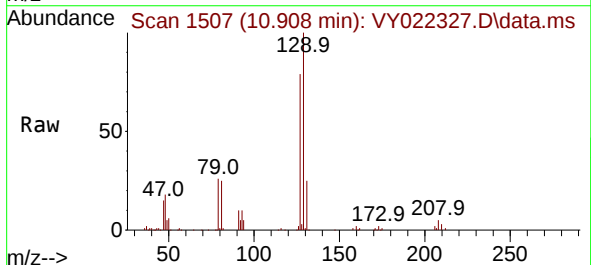
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

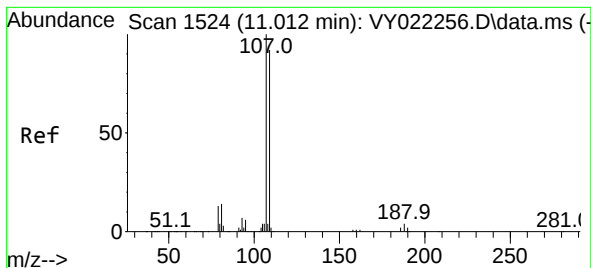
Tgt Ion: 43 Resp: 226626
Ion Ratio Lower Upper
43 100
58 54.9 26.1 78.3



#60
Dibromochloromethane
Concen: 51.755 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 129 Resp: 87921
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

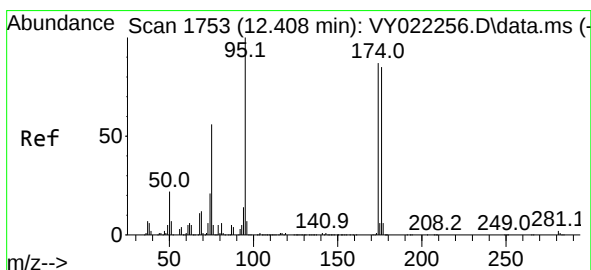
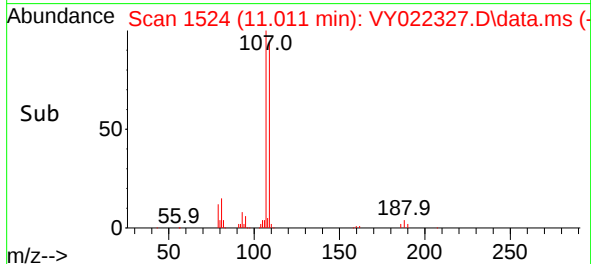
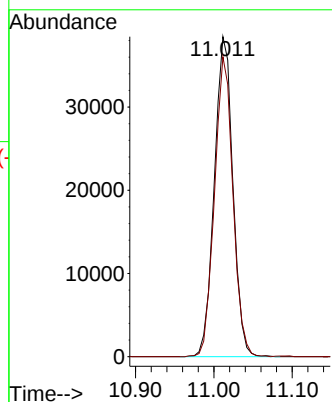
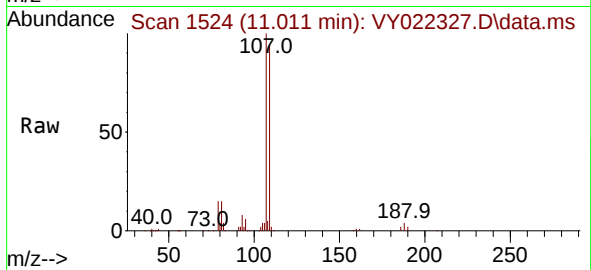




#61
1,2-Dibromoethane
Concen: 51.918 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

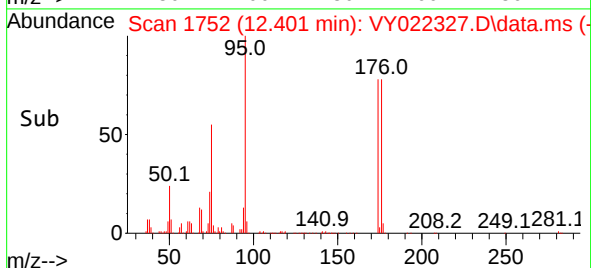
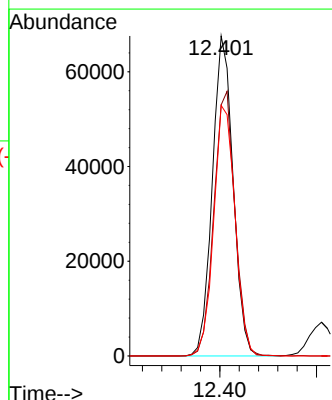
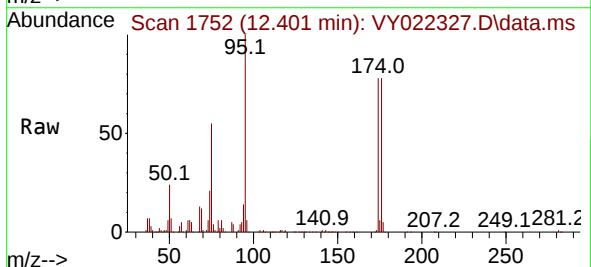
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

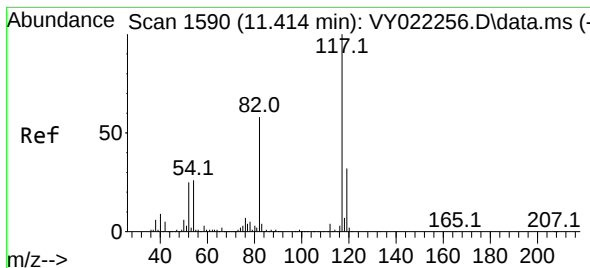
Tgt Ion:107 Resp: 63333
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 95 Resp: 100534
Ion Ratio Lower Upper
95 100
174 84.1 0.0 166.8
176 80.6 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: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

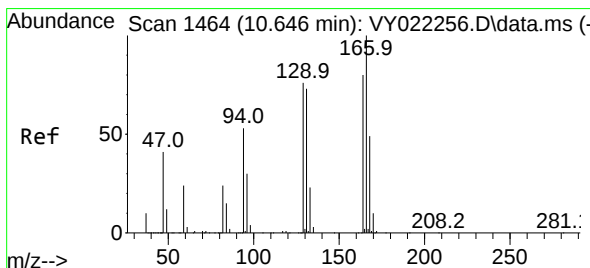
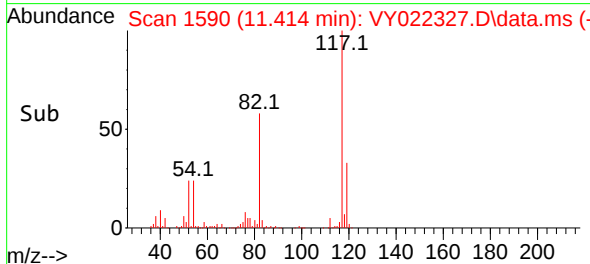
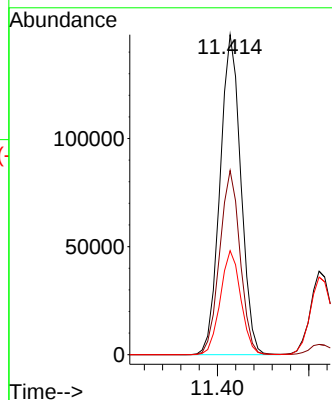
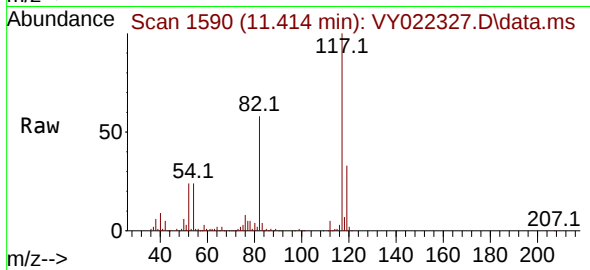
Tgt Ion:117 Resp: 234399

Ion Ratio Lower Upper

117 100

82 57.6 46.6 70.0

119 32.5 25.8 38.6



#64

Tetrachloroethene

Concen: 48.675 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Tgt Ion:164 Resp: 105457

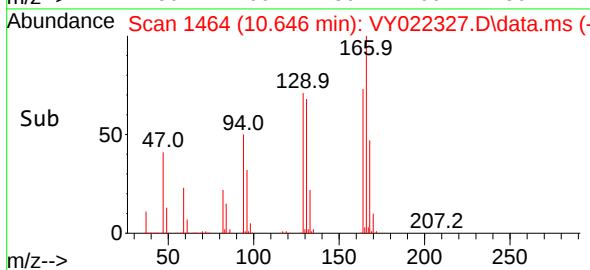
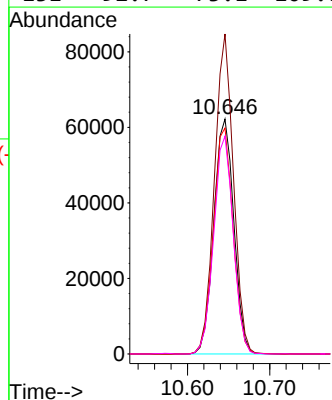
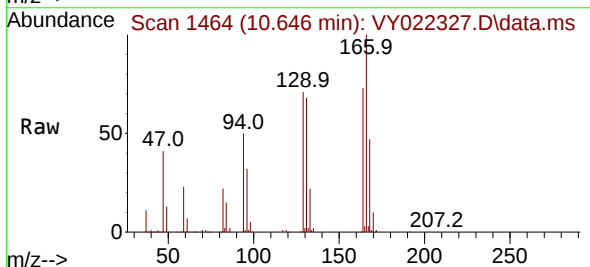
Ion Ratio Lower Upper

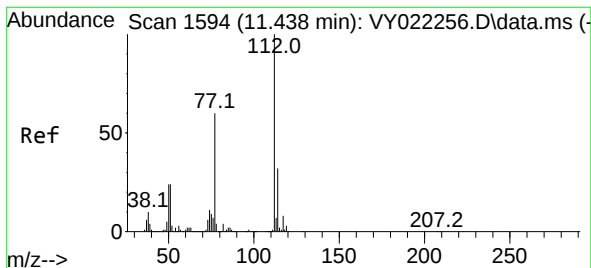
164 100

166 136.2 100.4 150.6

129 96.2 76.4 114.6

131 92.7 73.1 109.7





#65

Chlorobenzene

Concen: 49.314 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

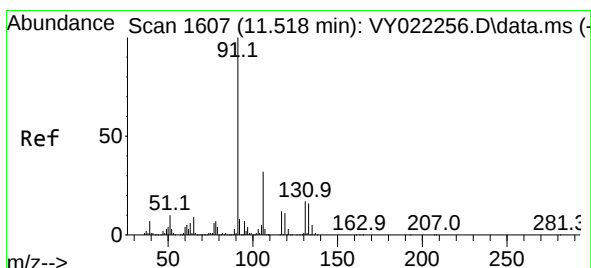
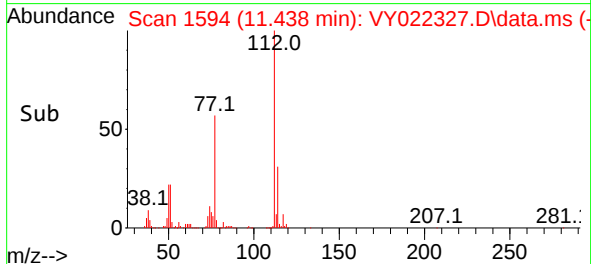
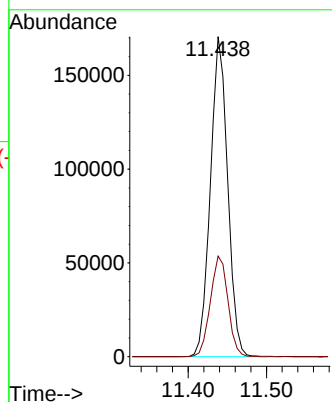
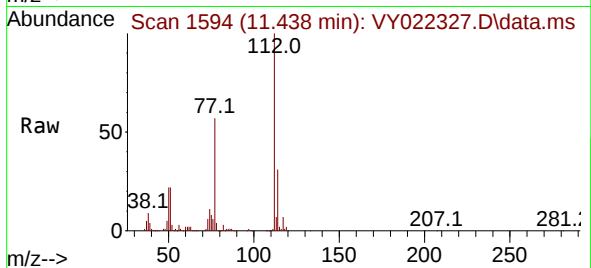
VSTDCCC050EC

Tgt Ion:112 Resp: 260787

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.874 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

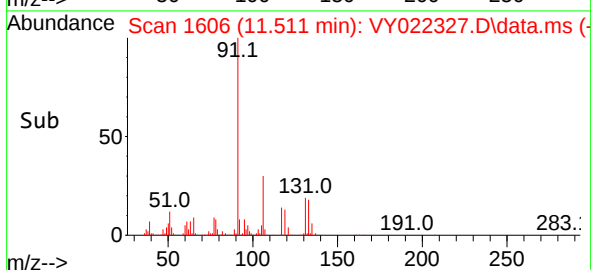
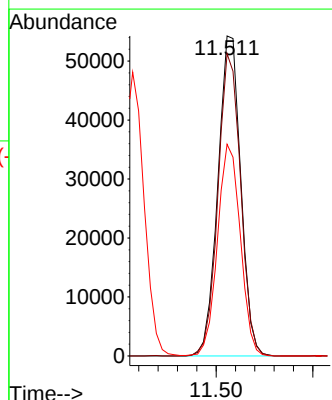
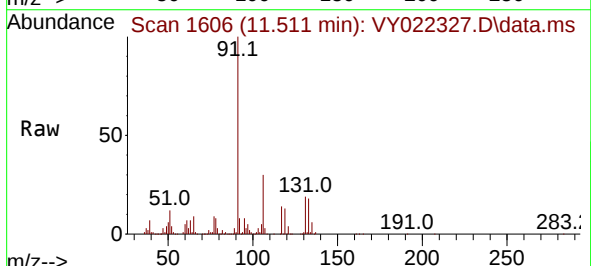
Tgt Ion:131 Resp: 88854

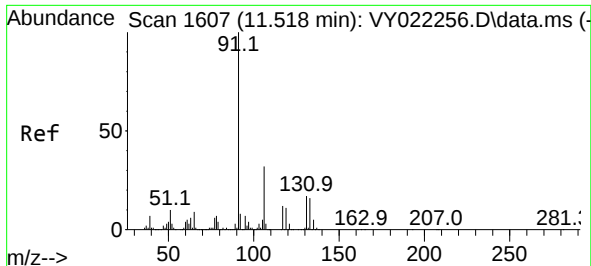
Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.9

119 66.2 33.1 99.2





#67

Ethyl Benzene

Concen: 48.197 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

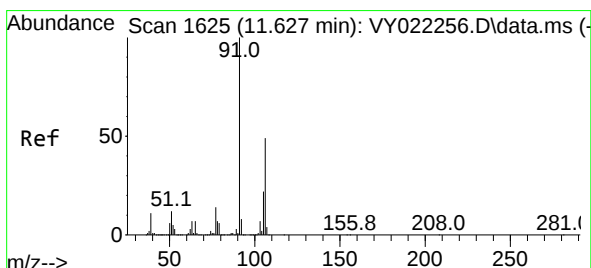
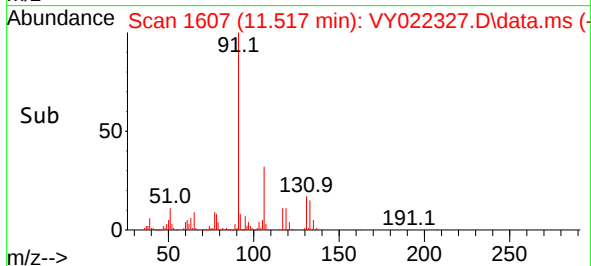
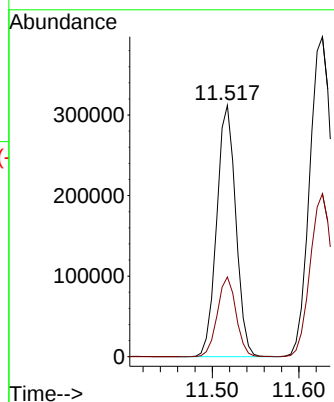
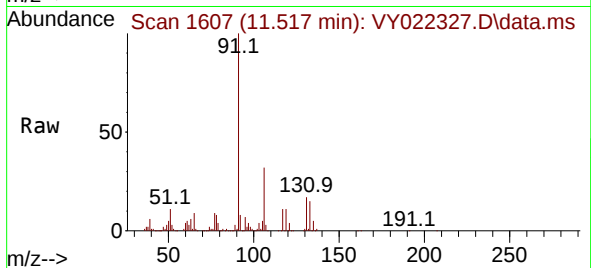
VSTDCCC050EC

Tgt Ion: 91 Resp: 477337

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 96.099 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022327.D

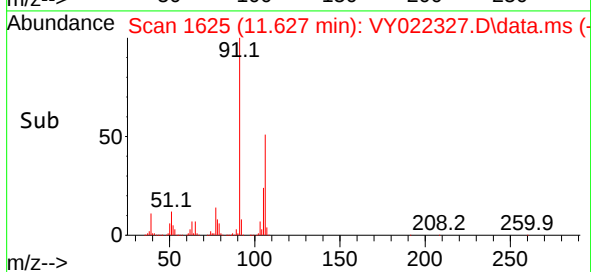
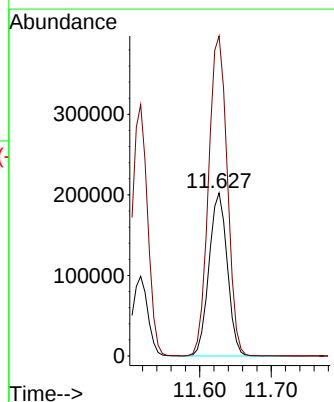
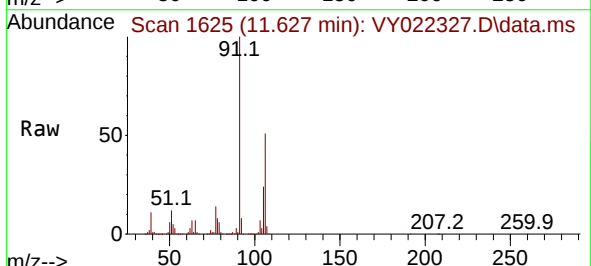
Acq: 19 May 2025 18:52

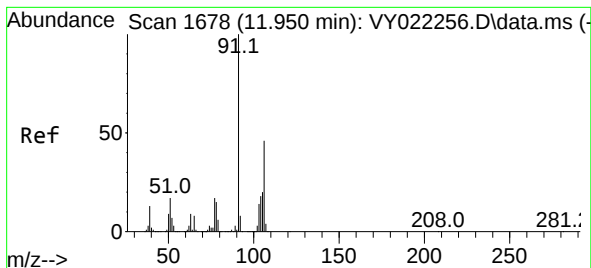
Tgt Ion:106 Resp: 358636

Ion Ratio Lower Upper

106 100

91 201.1 163.0 244.4

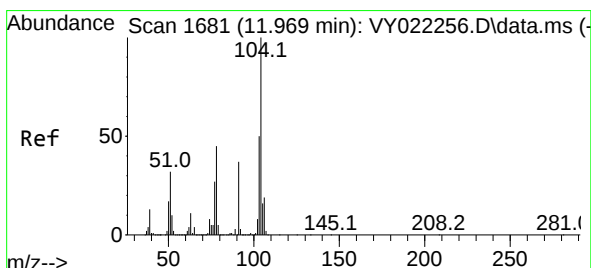
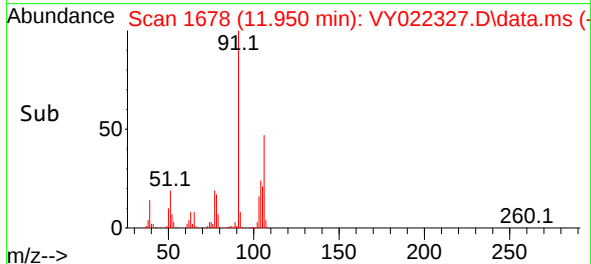
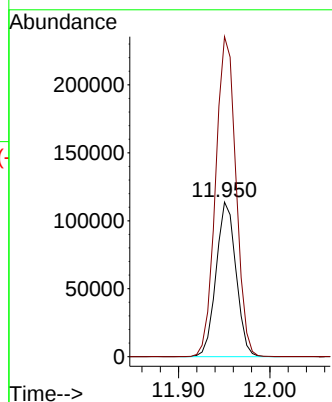
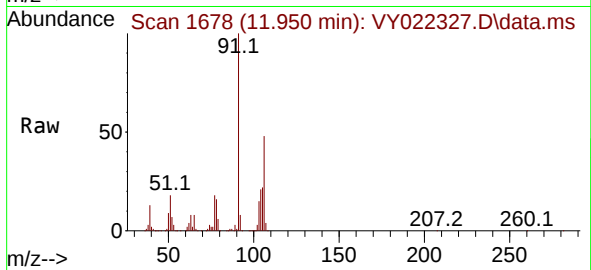




#69
o-Xylene
Concen: 48.750 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

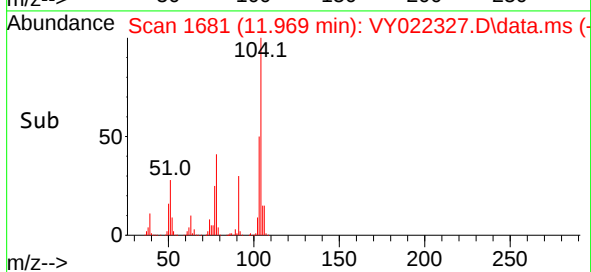
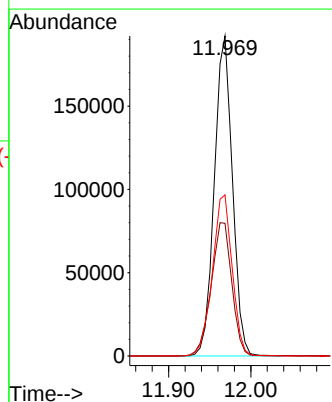
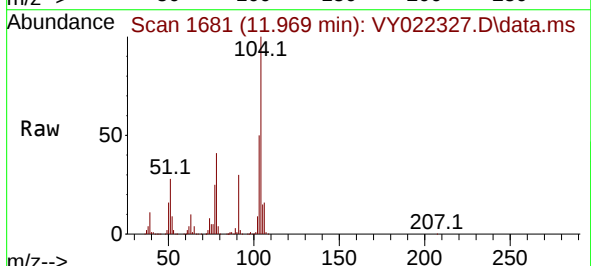
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

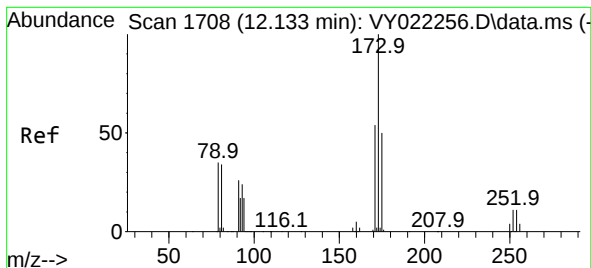
Tgt Ion:106 Resp: 172129
Ion Ratio Lower Upper
106 100
91 211.7 108.3 324.8



#70
Styrene
Concen: 49.341 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion:104 Resp: 293880
Ion Ratio Lower Upper
104 100
78 47.4 40.9 61.3
103 55.1 43.7 65.5





#71

Bromoform

Concen: 49.528 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

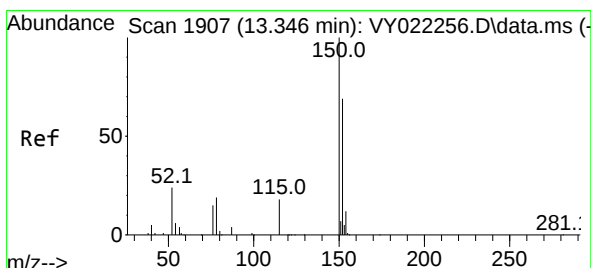
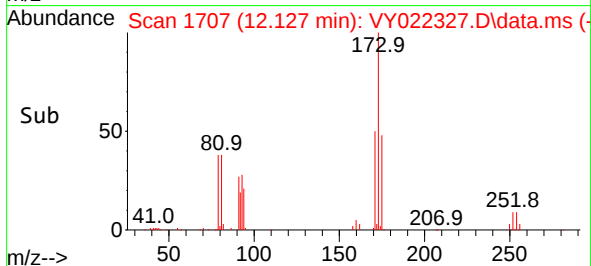
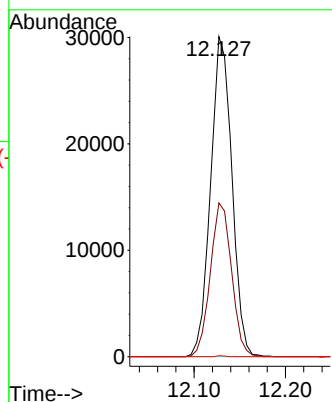
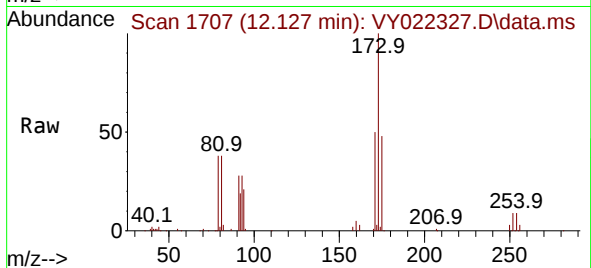
Tgt Ion:173 Resp: 48601

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

254 0.1 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: VY022327.D

Acq: 19 May 2025 18:52

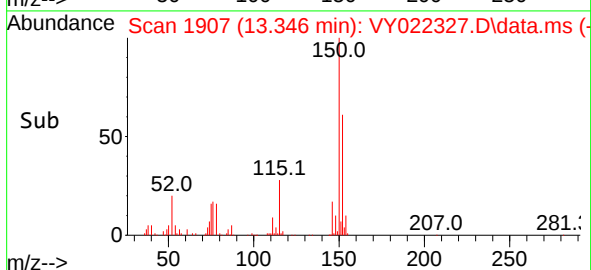
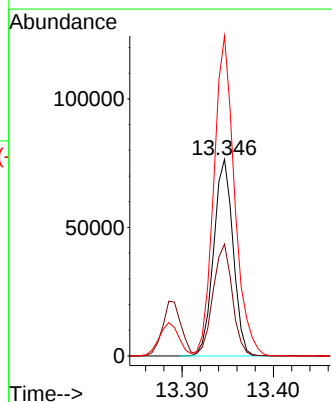
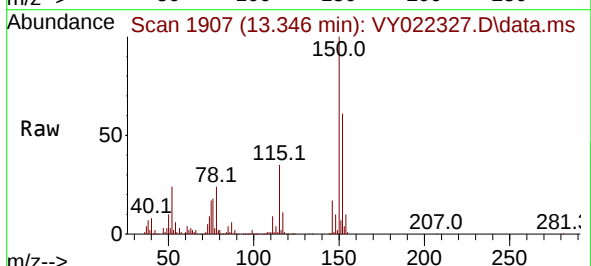
Tgt Ion:152 Resp: 113235

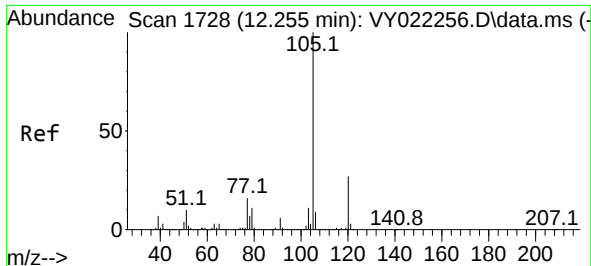
Ion Ratio Lower Upper

152 100

115 56.4 29.4 88.2

150 173.7 0.0 353.8

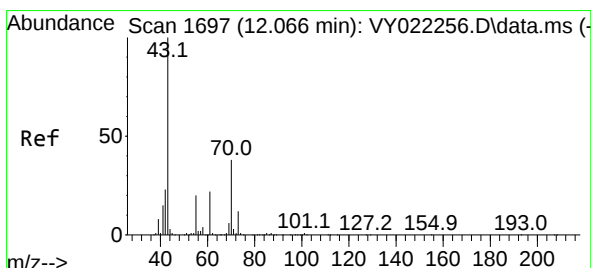
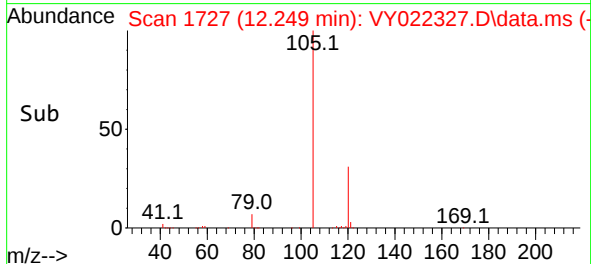
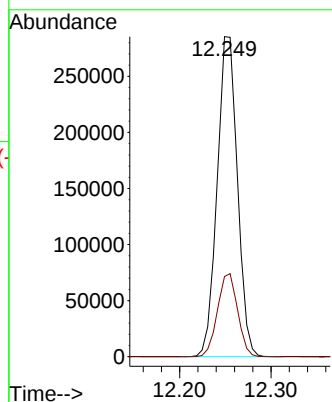
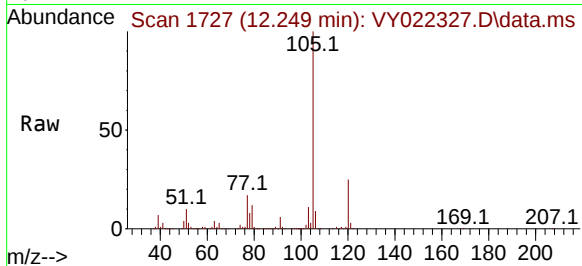




#73
Isopropylbenzene
Concen: 46.891 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

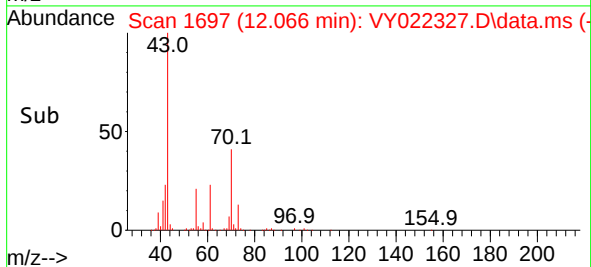
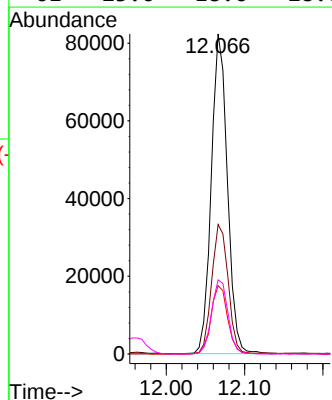
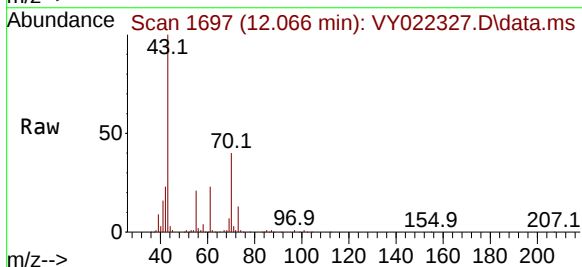
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

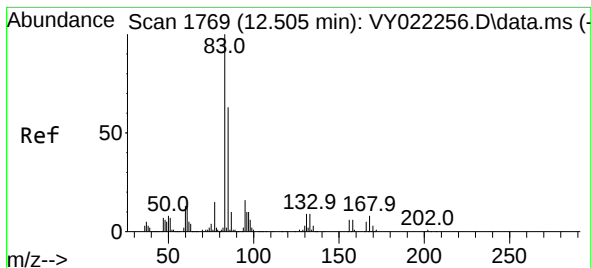
Tgt Ion:105 Resp: 439886
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6



#74
N-ethyl acetate
Concen: 43.774 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 43 Resp: 117444
Ion Ratio Lower Upper
43 100
70 41.5 31.4 47.0
55 21.9 17.0 25.6
61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.422 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

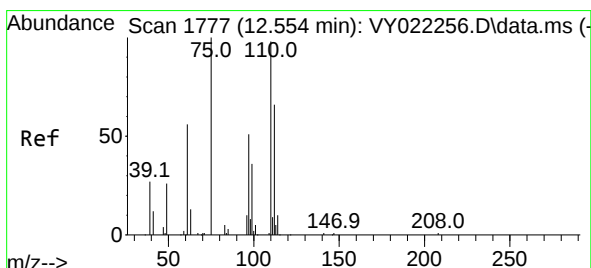
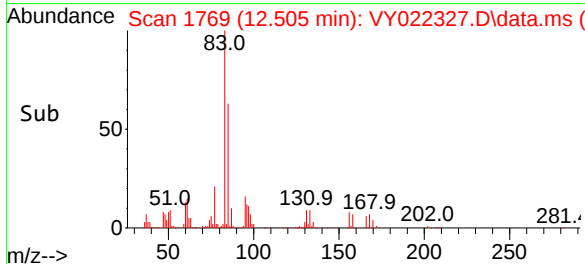
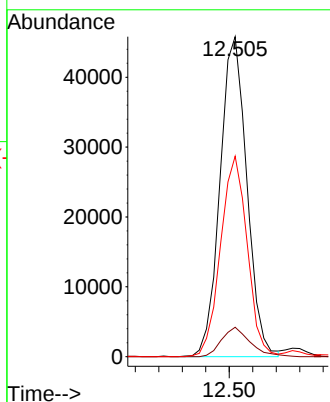
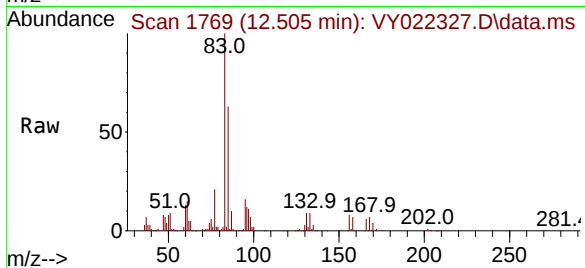
Tgt Ion: 83 Resp: 72744

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

85 62.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 90.302 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022327.D

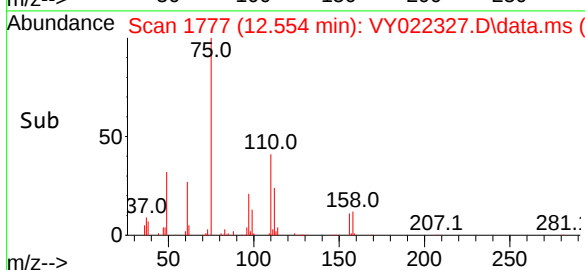
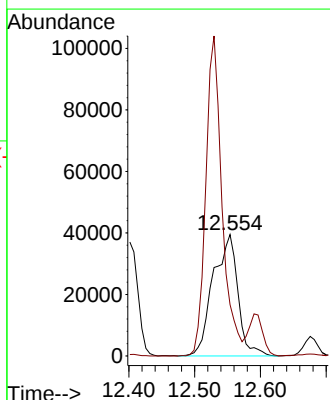
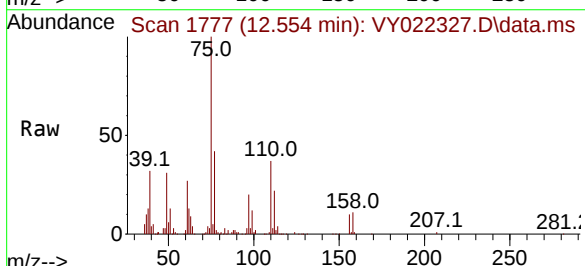
Acq: 19 May 2025 18:52

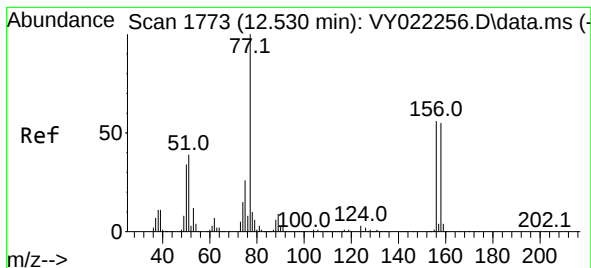
Tgt Ion: 75 Resp: 103593

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.345 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

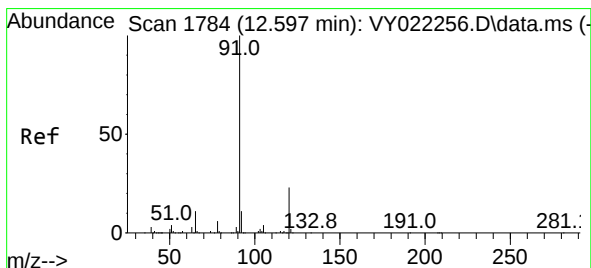
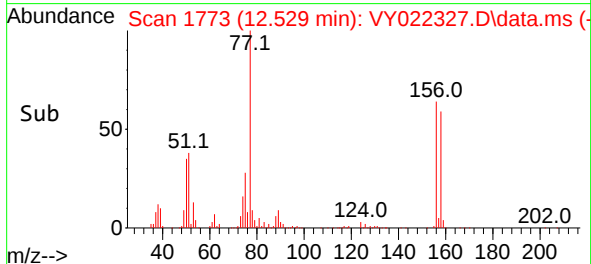
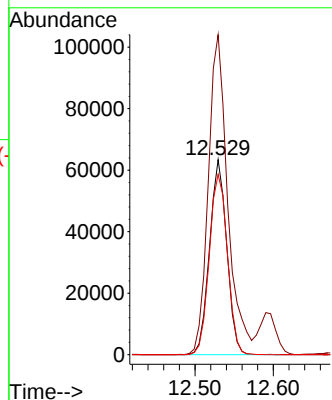
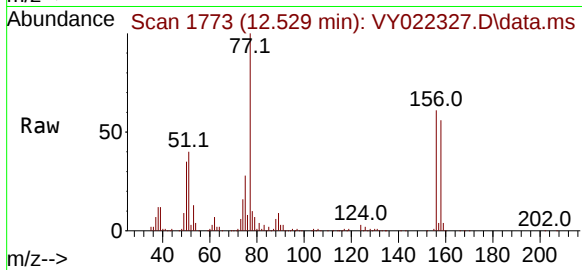
Tgt Ion:156 Resp: 96863

Ion Ratio Lower Upper

156 100

77 184.9 94.5 283.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 46.693 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022327.D

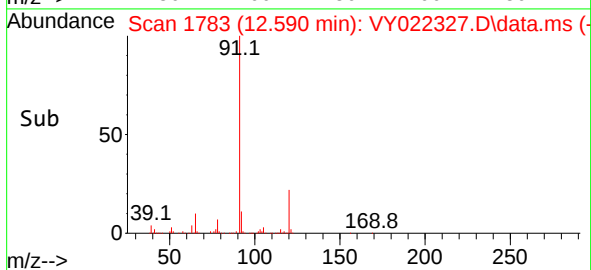
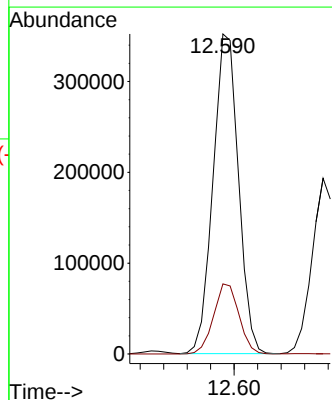
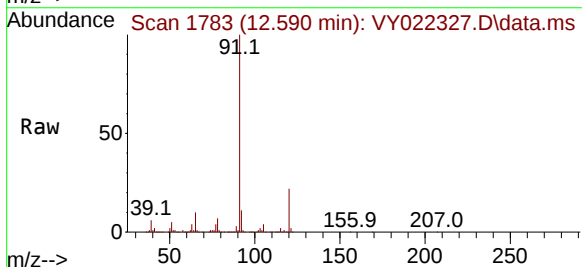
Acq: 19 May 2025 18:52

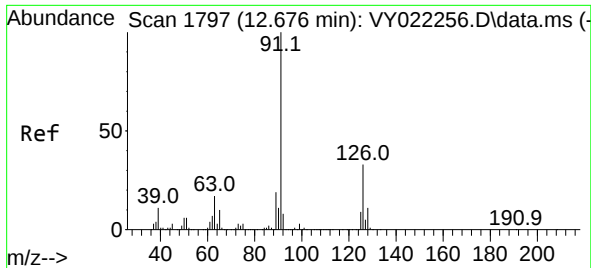
Tgt Ion: 91 Resp: 528345

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3

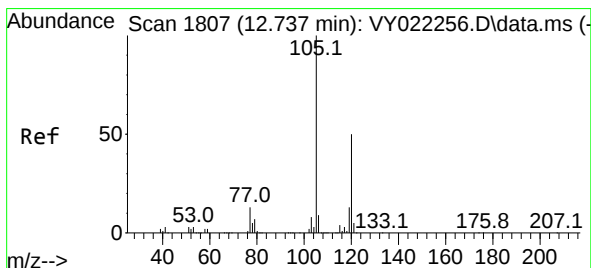
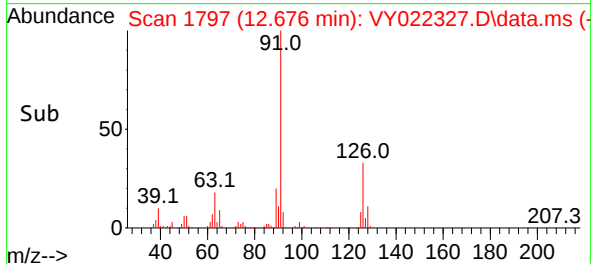
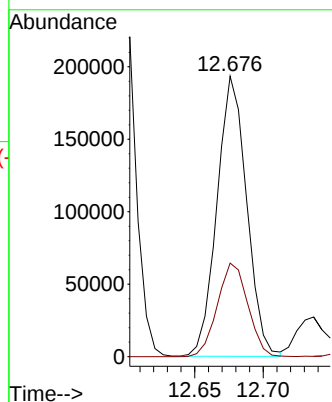
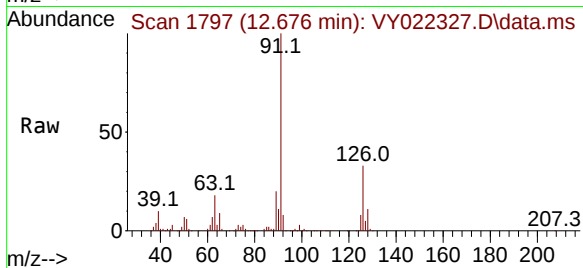




#79
2-Chlorotoluene
Concen: 46.821 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

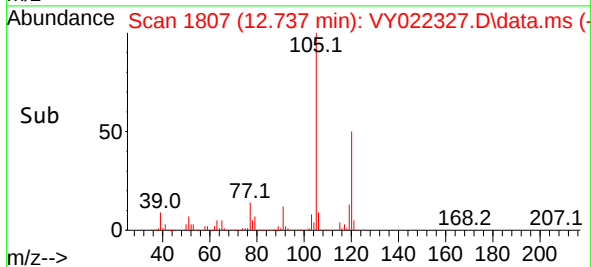
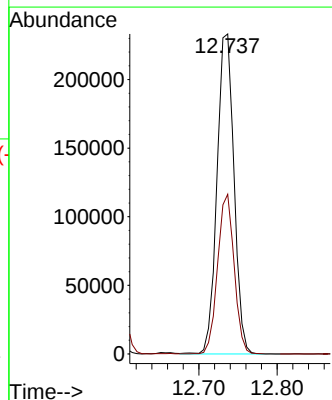
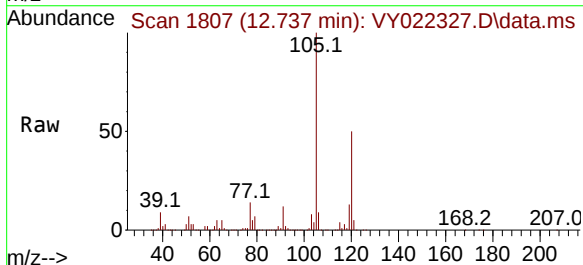
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

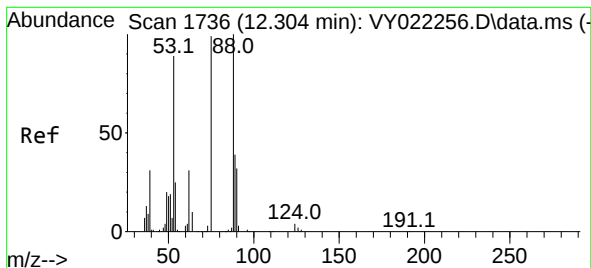
Tgt Ion: 91 Resp: 291139
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 46.503 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 105 Resp: 352153
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6

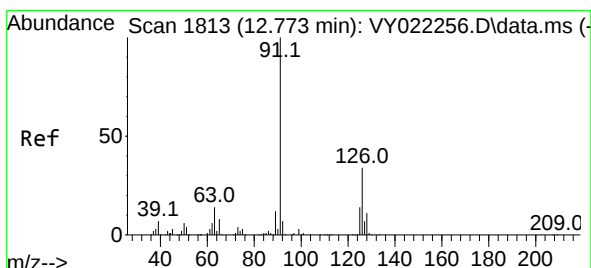
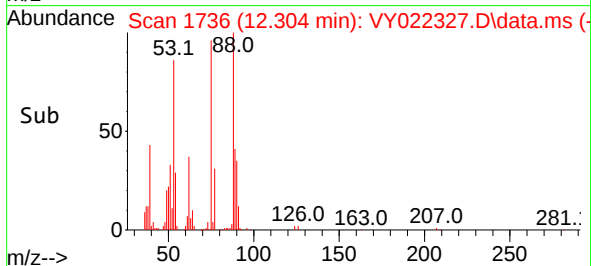
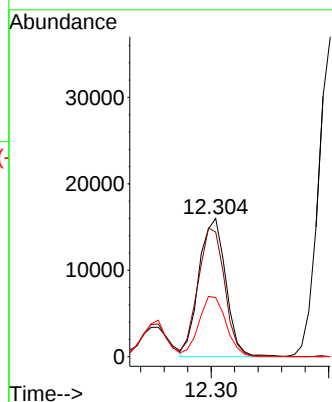
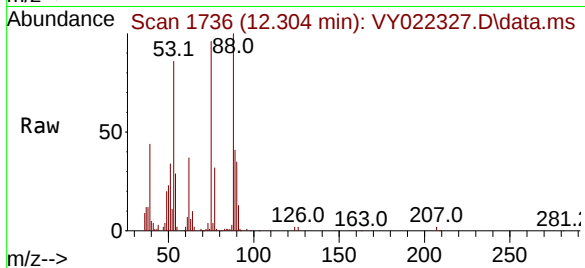




#81
trans-1,4-Dichloro-2-butene
Concen: 44.709 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

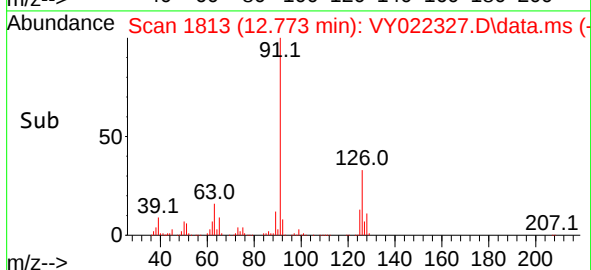
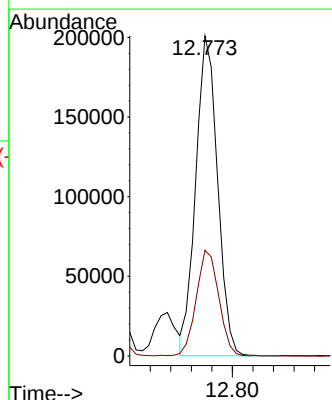
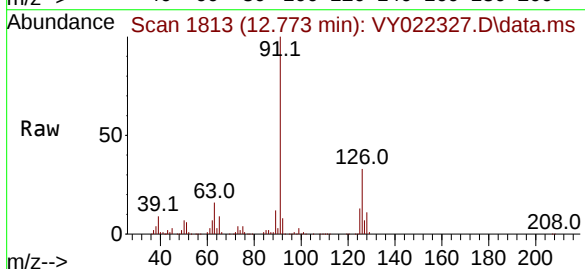
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

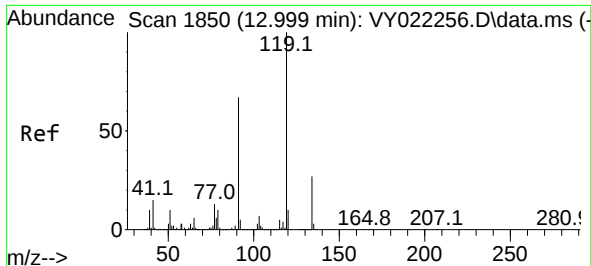
Tgt Ion: 75 Resp: 25319
Ion Ratio Lower Upper
75 100
53 93.4 75.8 113.8
89 44.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 46.384 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion: 91 Resp: 296665
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

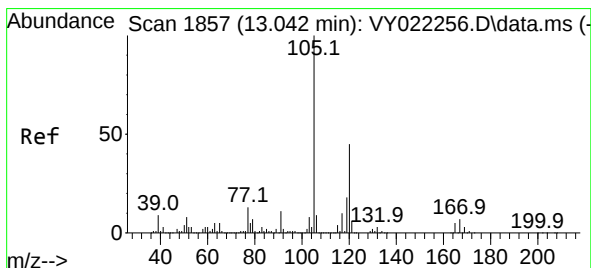
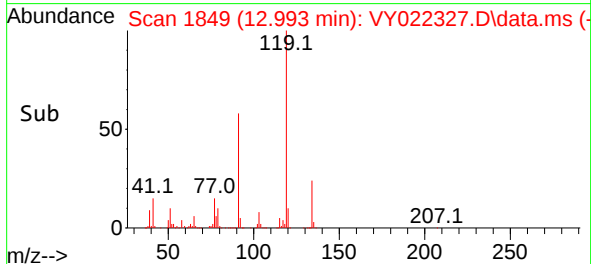
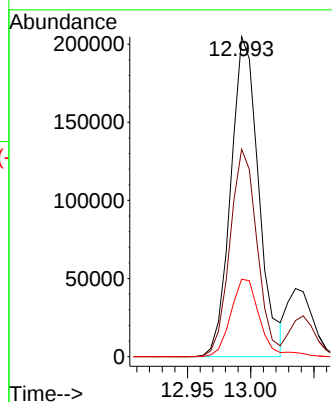
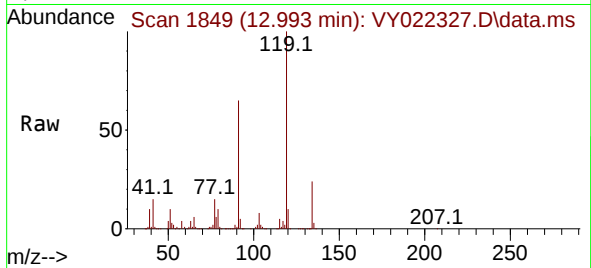




#83
 tert-Butylbenzene
 Concen: 46.717 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

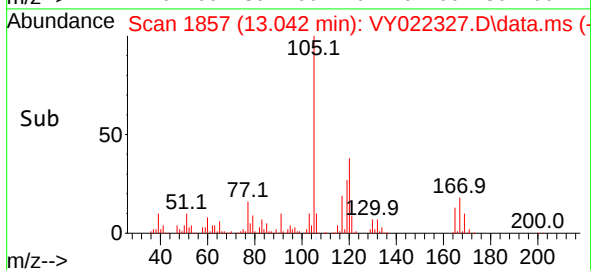
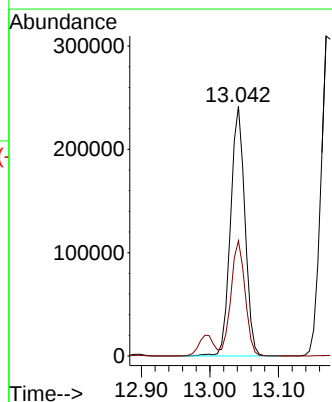
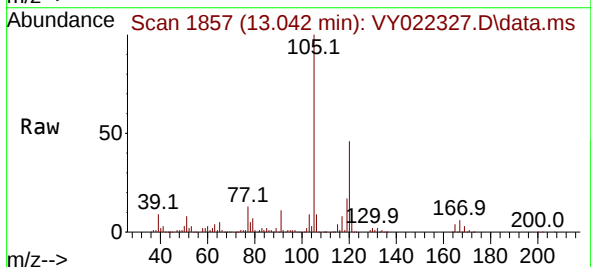
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 314437
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.8 98.3
 134 25.3 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.850 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

Tgt Ion:105 Resp: 352182
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.648 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

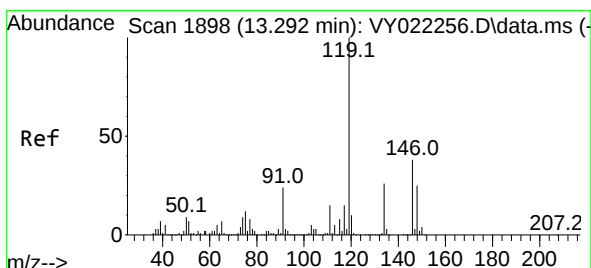
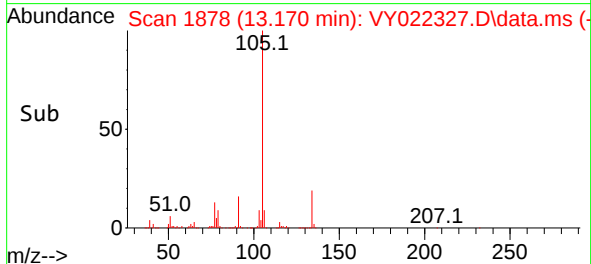
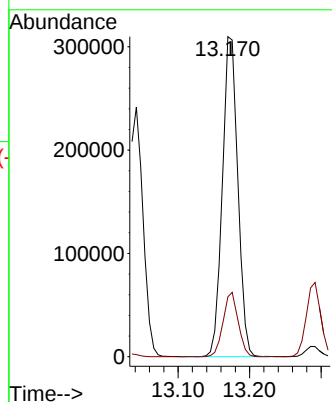
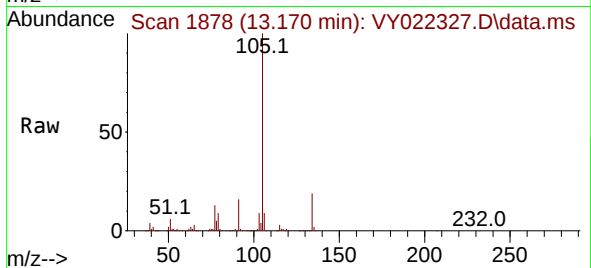
VSTDCCC050EC

Tgt Ion:105 Resp: 466072

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 46.328 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

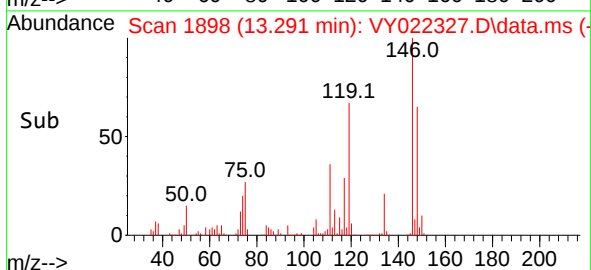
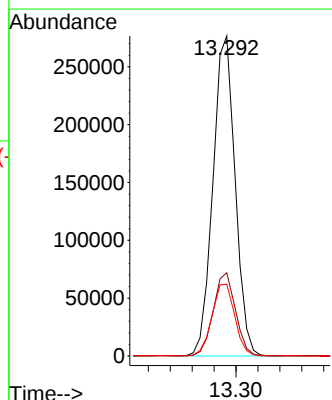
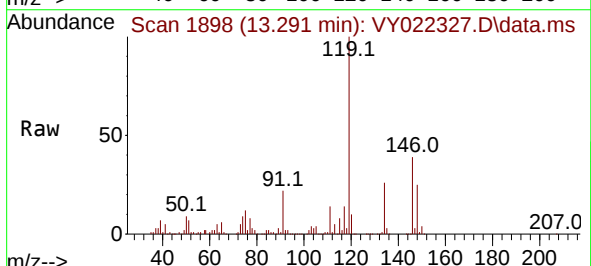
Tgt Ion:119 Resp: 389294

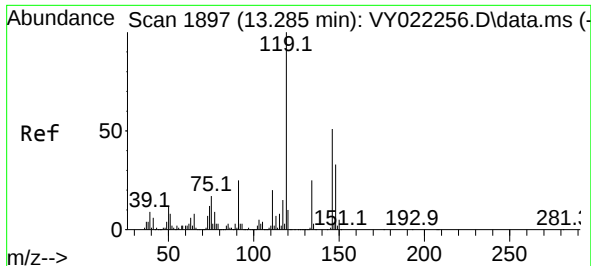
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.0 12.1 36.3

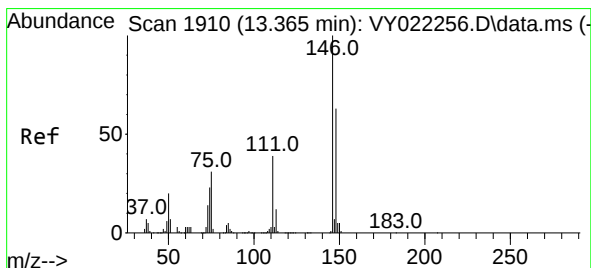
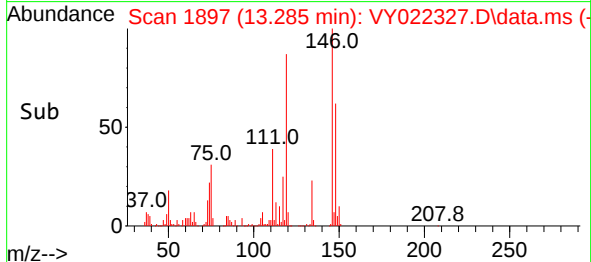
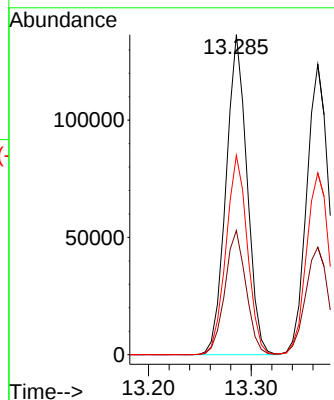
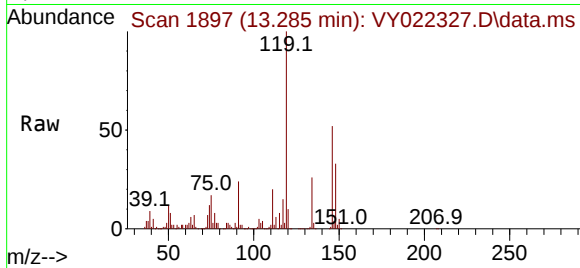




#87
1,3-Dichlorobenzene
Concen: 47.349 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

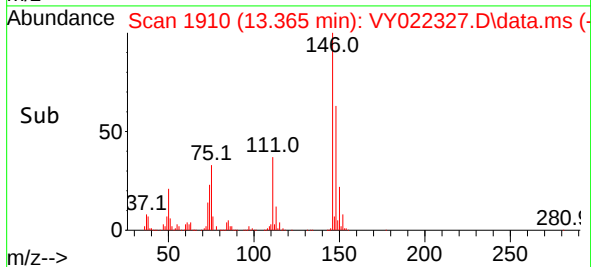
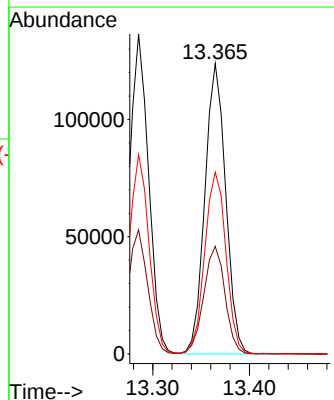
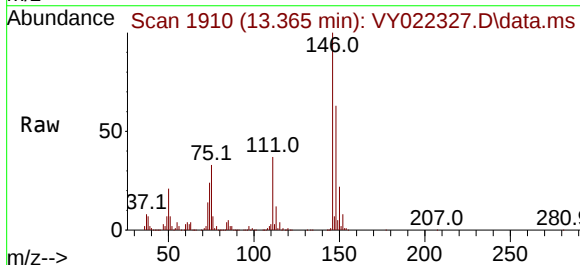
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

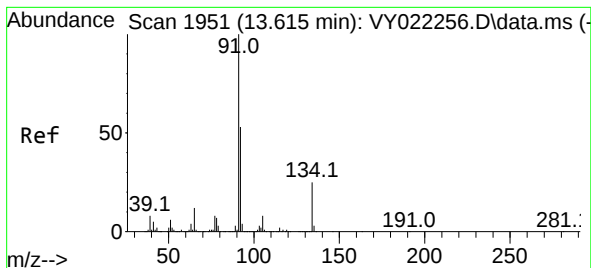
Tgt Ion:146 Resp: 193664
Ion Ratio Lower Upper
146 100
111 39.0 19.9 59.7
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 47.182 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022327.D
Acq: 19 May 2025 18:52

Tgt Ion:146 Resp: 185628
Ion Ratio Lower Upper
146 100
111 37.9 20.0 59.9
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 45.725 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

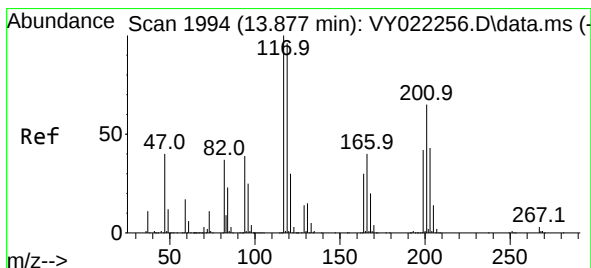
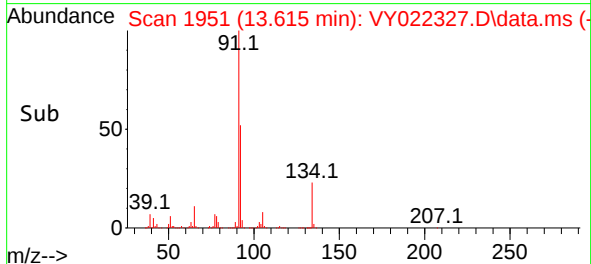
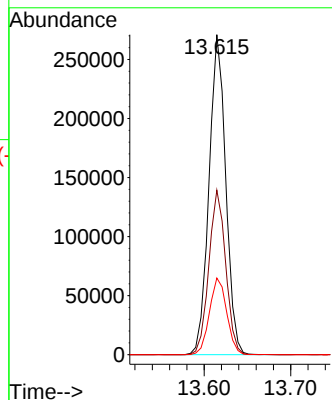
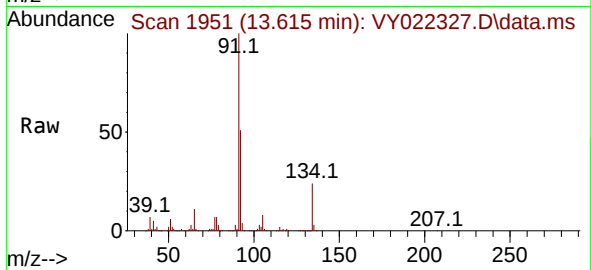
Tgt Ion: 91 Resp: 363497

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.9

134 24.8 12.4 37.4



#90

Hexachloroethane

Concen: 45.800 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022327.D

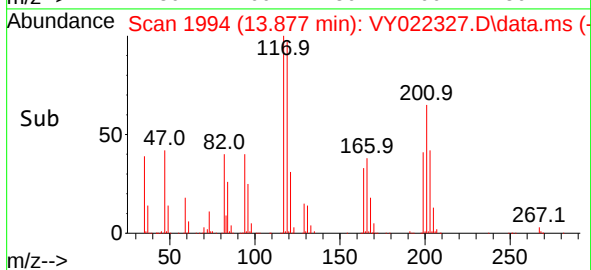
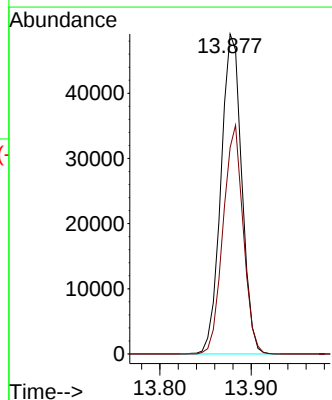
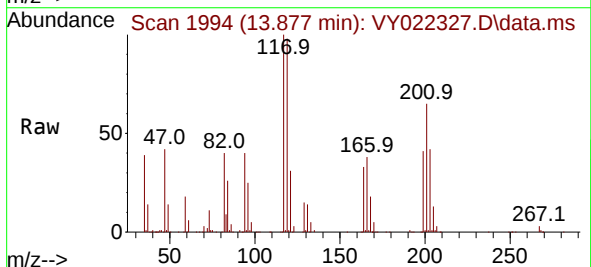
Acq: 19 May 2025 18:52

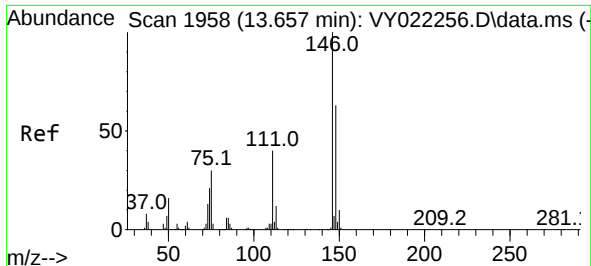
Tgt Ion: 117 Resp: 77688

Ion Ratio Lower Upper

117 100

201 69.1 35.2 105.6

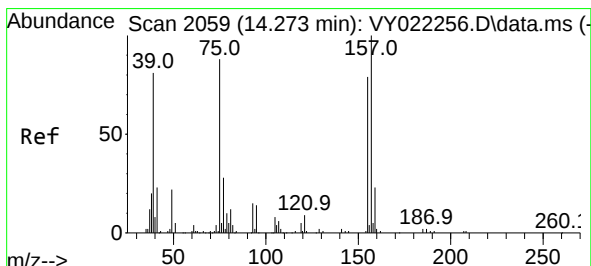
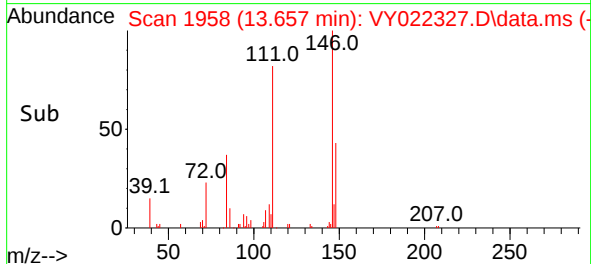
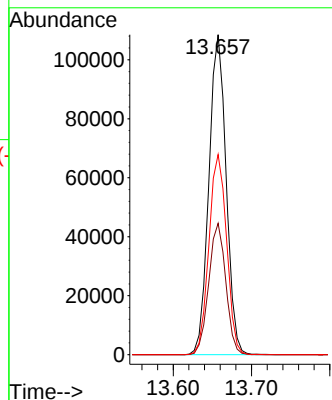
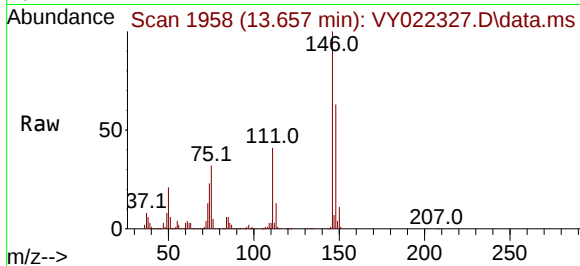




#91
 1,2-Dichlorobenzene
 Concen: 48.224 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

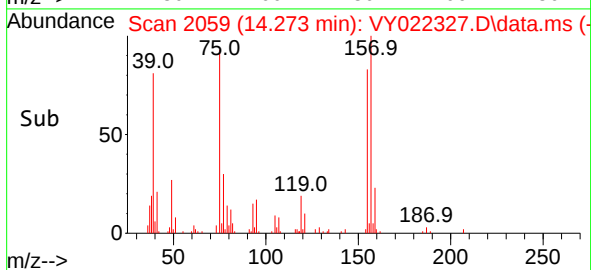
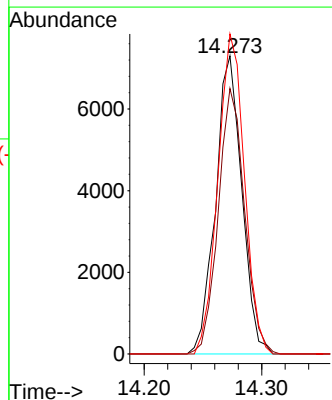
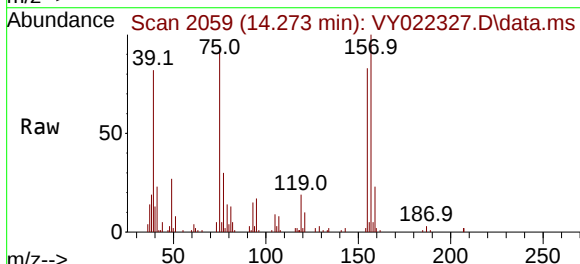
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

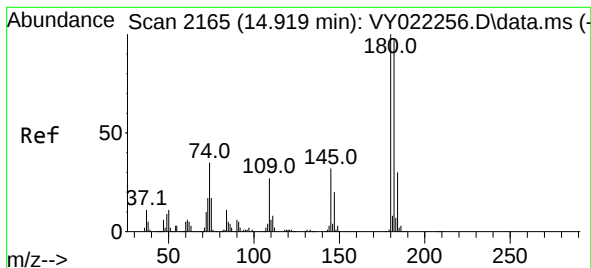
Tgt Ion:146 Resp: 165681
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.5
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.766 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022327.D
 Acq: 19 May 2025 18:52

Tgt Ion: 75 Resp: 11345
 Ion Ratio Lower Upper
 75 100
 155 89.3 43.4 130.1
 157 108.3 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 45.511 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

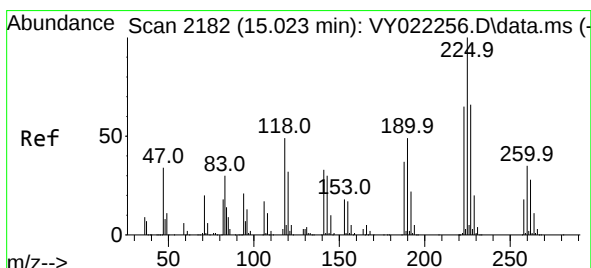
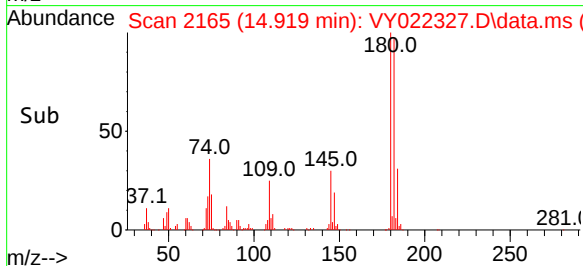
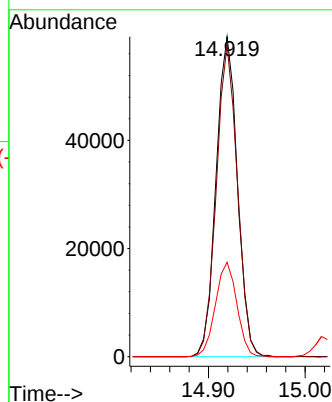
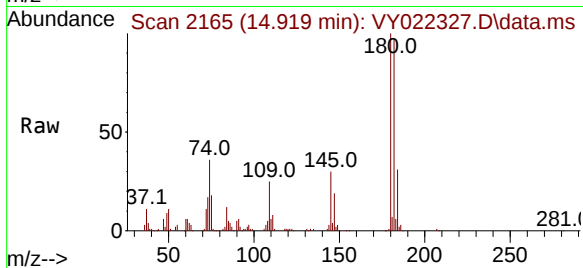
Tgt Ion:180 Resp: 90319

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 42.563 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

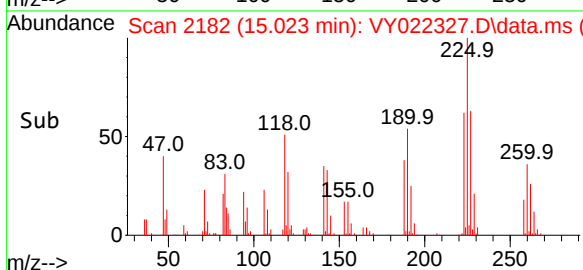
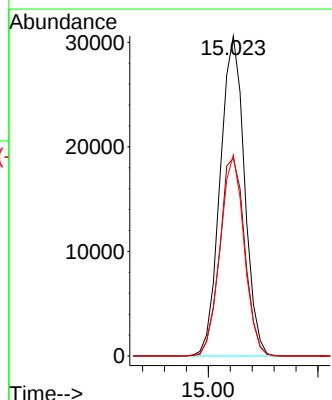
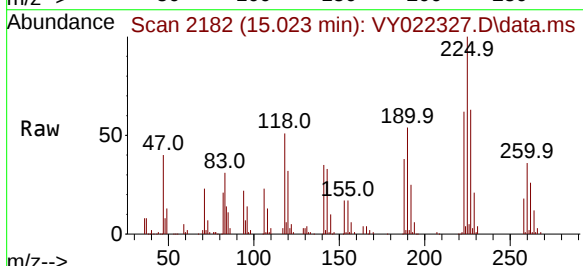
Tgt Ion:225 Resp: 47105

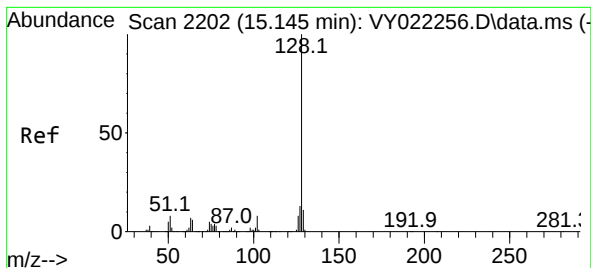
Ion Ratio Lower Upper

225 100

223 63.9 31.5 94.5

227 62.1 32.1 96.3





#95

Naphthalene

Concen: 49.284 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

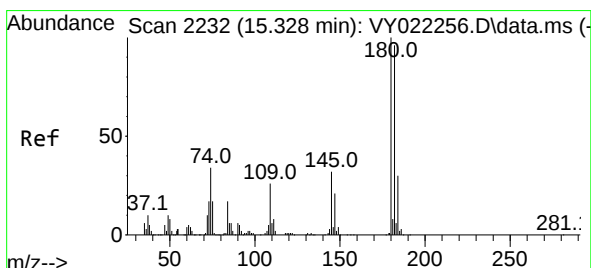
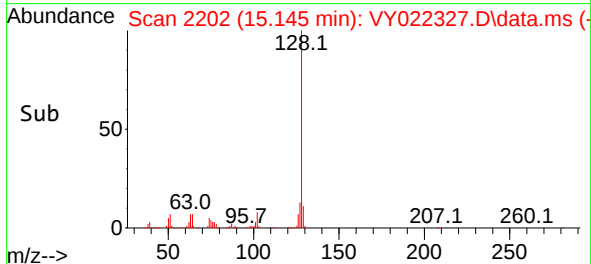
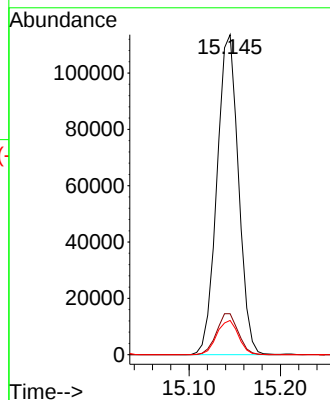
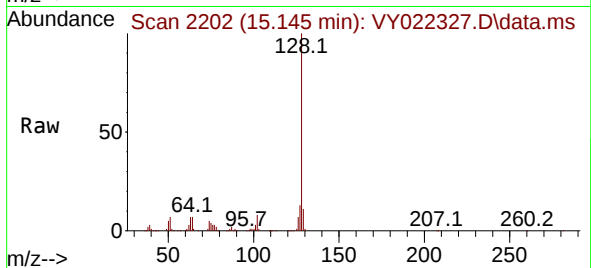
Tgt Ion:128 Resp: 185604

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.108 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022327.D

Acq: 19 May 2025 18:52

Tgt Ion:180 Resp: 77625

Ion Ratio Lower Upper

180 100

182 96.7 47.1 141.3

145 32.2 15.9 47.6

