

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014952.D
 Acq On : 03 Aug 2023 16:39
 Operator : SY/MD
 Sample : 03880-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1272

Quant Time: Aug 04 04:32:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327758	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139609	56.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.440%	
35) Dibromofluoromethane	7.716	113	120186	50.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.179	98	505146	57.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.600%	
62) 4-Bromofluorobenzene	12.477	95	211406	62.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 125.080%	

Target Compounds			Qvalue			
8) Diethyl Ether	3.515	74	1908	1.369	ug/l	69
10) Methyl Iodide	4.082	142	225	2.458	ug/l #	38
11) Tert butyl alcohol	4.972	59	58346	102.273	ug/l #	92
16) Acetone	3.948	43	22507062	28599.165	ug/l #	83
17) Carbon Disulfide	4.192	76	11734	1.910	ug/l	96
18) Methyl Acetate	4.479	43	11563	3.829	ug/l	100
20) Methylene Chloride	4.704	84	48768	16.223	ug/l #	87
25) 2-Butanone	6.984	43	350449	304.381	ug/l	95
26) 2,2-Dichloropropane	6.978	77	6610	1.565	ug/l #	54
29) Tetrahydrofuran	7.350	42	1092	1.540	ug/l #	64
31) Cyclohexane	7.765	56	475796	115.412	ug/l #	58
36) 1,1-Dichloropropene	7.783	75	17289	4.835	ug/l #	51
37) Ethyl Acetate	6.984	43	350449	142.349	ug/l #	73
38) Carbon Tetrachloride	7.789	117	21792	5.765	ug/l #	16
39) Methylcyclohexane	9.179	83	582742	125.091	ug/l	94
40) Benzene	8.155	78	58982	5.800	ug/l	100
41) Methacrylonitrile	7.344	41	1746	1.379	ug/l #	38
43) Isopropyl Acetate	8.258	43	162339	34.616	ug/l #	55
45) 1,2-Dichloropropane	9.179	63	6207	2.337	ug/l #	1
47) Bromodichloromethane	9.459	83	5524	1.455	ug/l #	26
48) Methyl methacrylate	9.295	41	11562	5.479	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	194043	78.806	ug/l	94
52) Toluene	10.240	92	10876409	1671.355	ug/l	77
53) t-1,3-Dichloropropene	10.240	75	139569	33.605	ug/l #	1
55) 1,1,2-Trichloroethane	10.618	97	392894	175.084	ug/l #	18
56) Ethyl methacrylate	10.520	69	63724	18.599	ug/l #	1
59) 2-Hexanone	10.801	43	327764	182.533	ug/l #	27
67) Ethyl Benzene	11.587	91	2015858	159.856	ug/l	99
68) m/p-Xylenes	11.697	106	2608022	541.789	ug/l	95
69) o-Xylene	12.026	106	1289401	275.007	ug/l	99
70) Styrene	12.026	104	65975	8.349	ug/l #	1
73) Isopropylbenzene	12.325	105	649246	53.464	ug/l	100
74) N-amyl acetate	12.124	43	690287	169.725	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.526	83	87934	31.754	ug/l #	75
76) 1,2,3-Trichloropropane	12.666	75	14788	7.550	ug/l #	100
78) n-propylbenzene	12.666	91	2314855	158.193	ug/l	100

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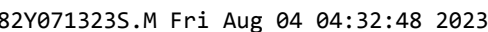
Quant Time: Aug 04 04:32:44 2023
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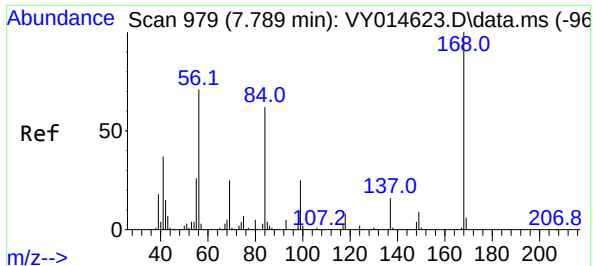
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.733	91	695517	82.521	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	2267656	223.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.325	75	7490	7.404	ug/l #	1
82) 4-Chlorotoluene	12.806	91	263329	30.336	ug/l #	49
83) tert-Butylbenzene	13.117	119	946472	105.207	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.117	105	7336323	737.111	ug/l	95
85) sec-Butylbenzene	13.251	105	906303	68.675	ug/l	86
86) p-Isopropyltoluene	13.367	119	450110	41.774	ug/l	98
89) n-Butylbenzene	13.696	91	1621786	154.707	ug/l #	74
90) Hexachloroethane	13.971	117	162694	73.512	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4485	8.469	ug/l #	26
95) Naphthalene	15.233	128	252839	34.588	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.446	180	7842	2.812	ug/l #	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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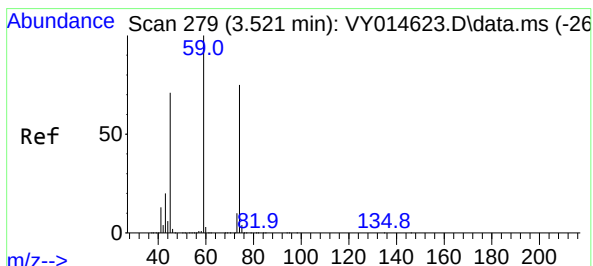
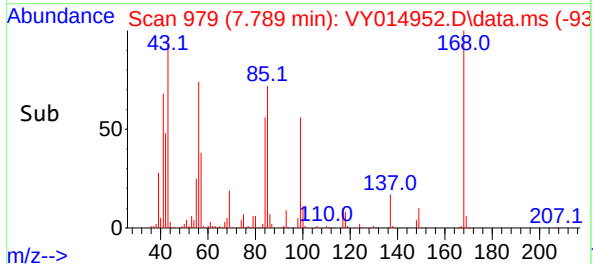
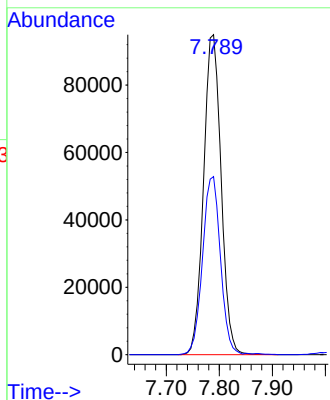
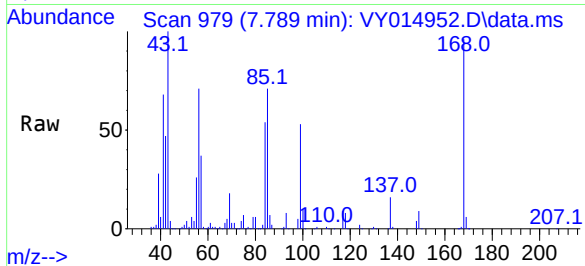




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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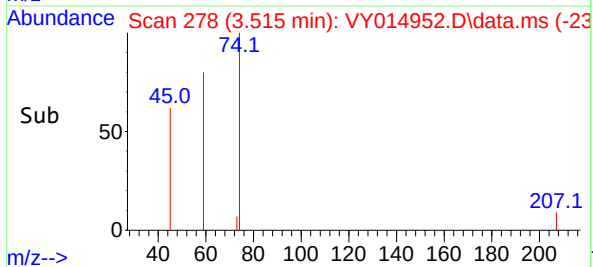
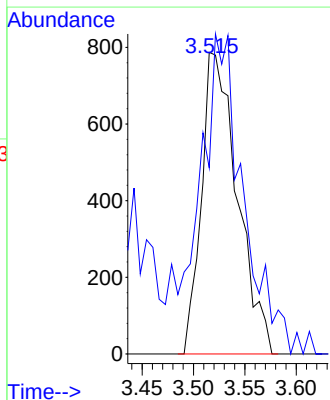
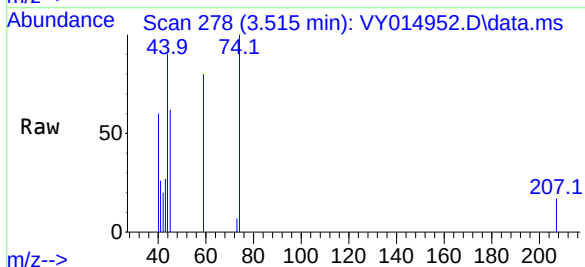
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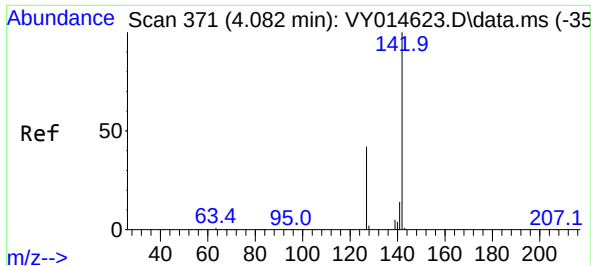
Tgt Ion:168 Resp: 217937
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#8
Diethyl Ether
Concen: 1.369 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 74 Resp: 1908
Ion Ratio Lower Upper
74 100
45 134.3 51.5 154.5

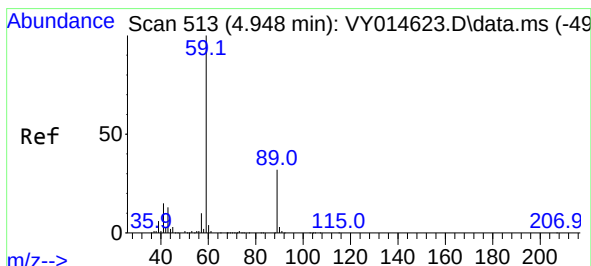
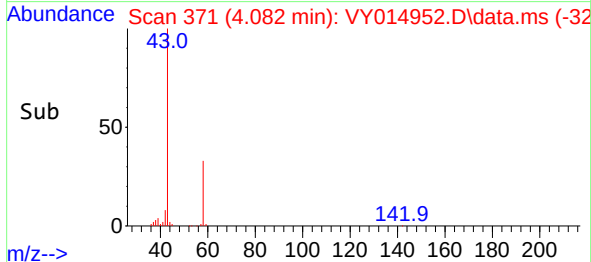
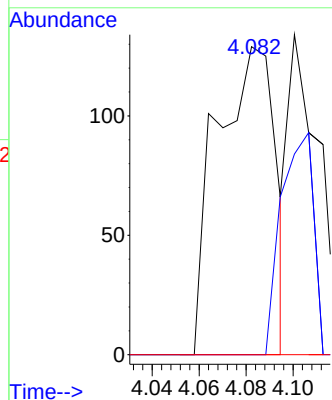
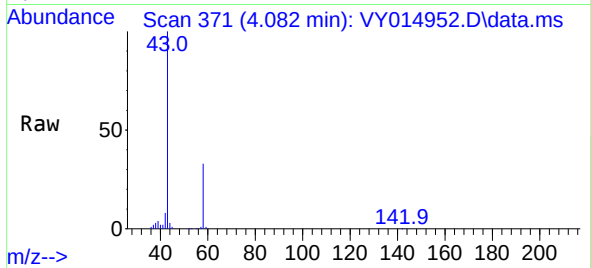




#10
Methyl Iodide
Concen: 2.458 ug/l
RT: 4.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

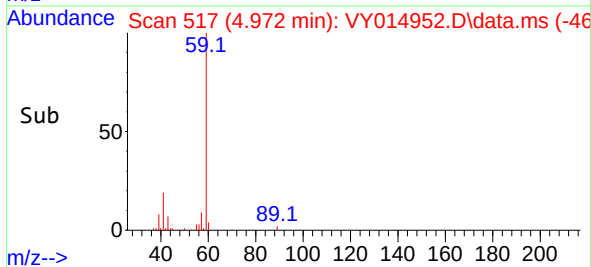
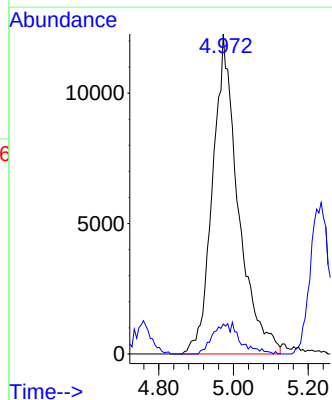
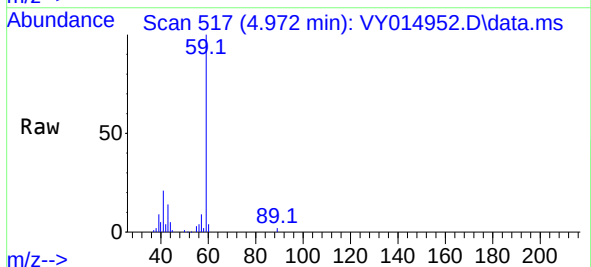
Instrument :
MSVOA_Y
ClientSampleId :
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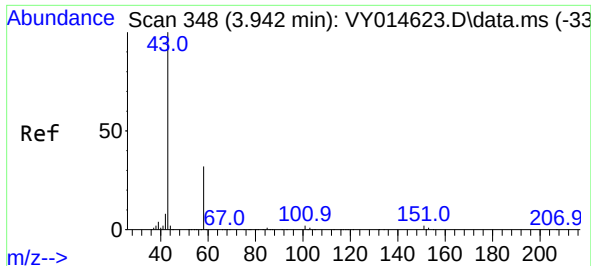
Tgt Ion:142 Resp: 225
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: 102.273 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 59 Resp: 58346
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4#

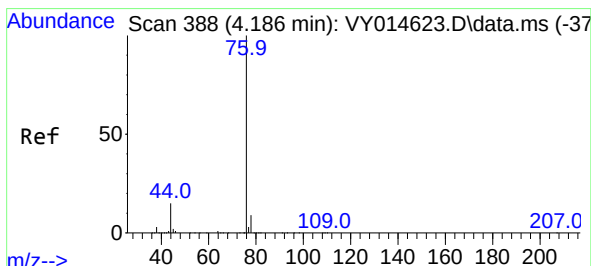
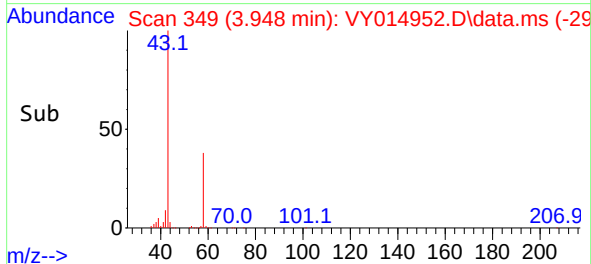
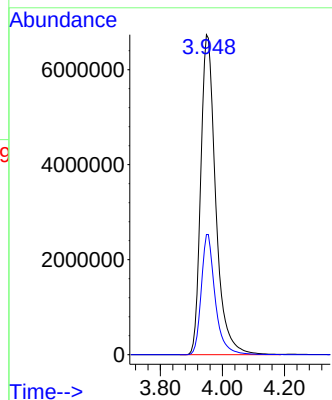
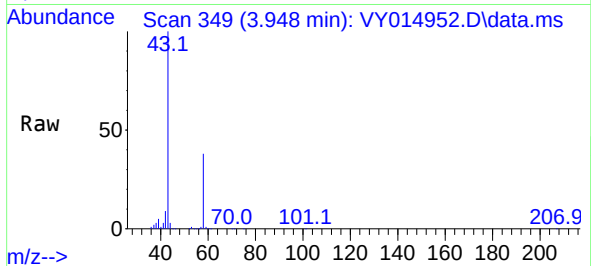




#16
Acetone
Concen: 28599.165 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

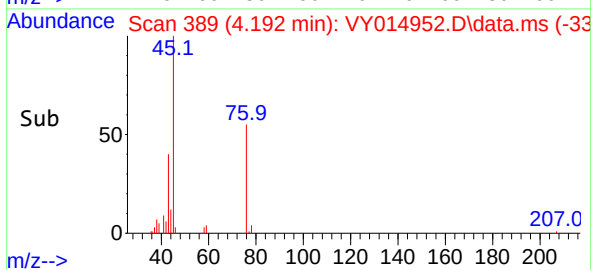
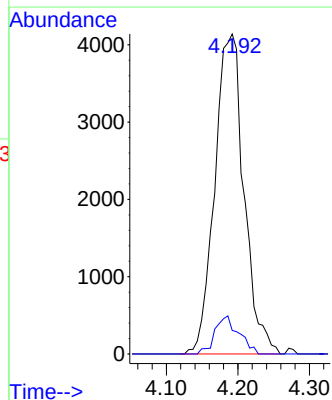
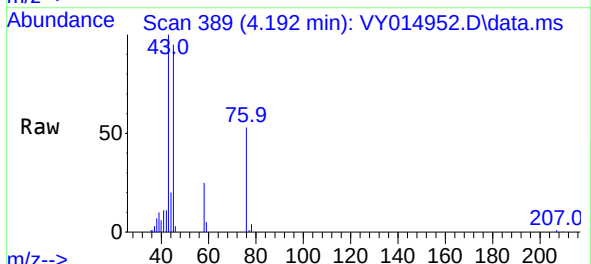
Instrument :
MSVOA_Y
ClientSampleId :
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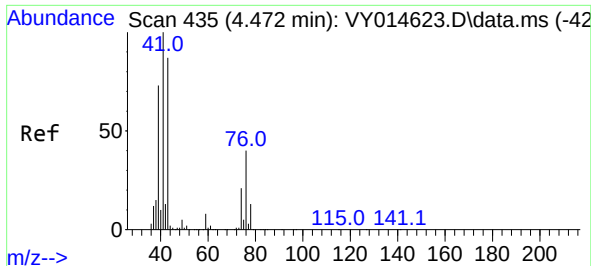
Tgt Ion: 43 Resp: 22507062
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#



#17
Carbon Disulfide
Concen: 1.910 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 76 Resp: 11734
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4

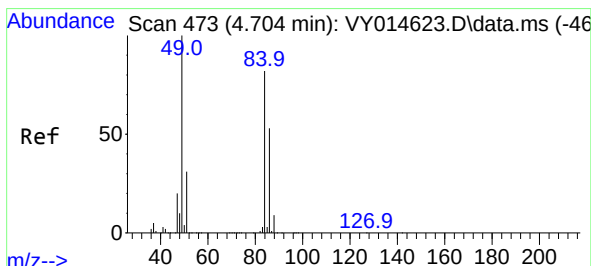
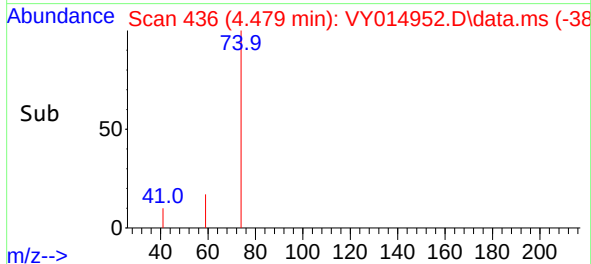
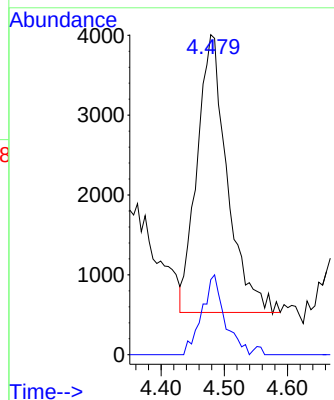
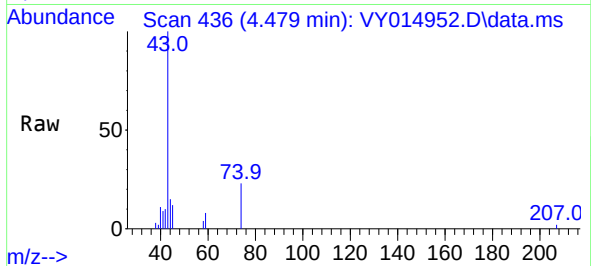




#18
Methyl Acetate
Concen: 3.829 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

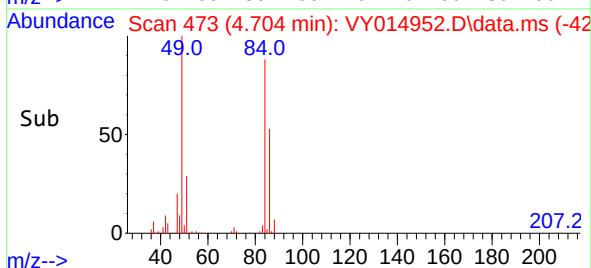
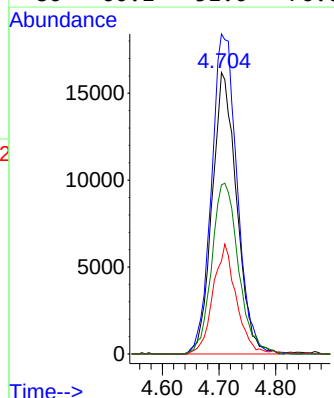
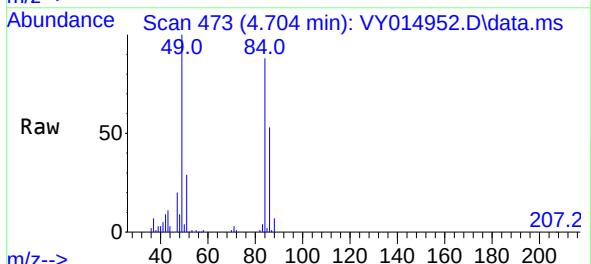
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ClientSampleId :
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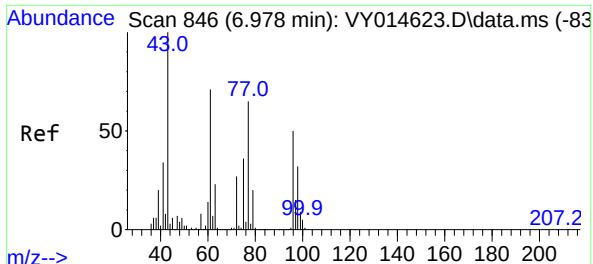
Tgt Ion: 43 Resp: 11563
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 16.223 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 84 Resp: 48768
Ion Ratio Lower Upper
84 100
49 113.7 106.9 160.3
51 33.0 33.2 49.8#
86 60.1 51.0 76.6

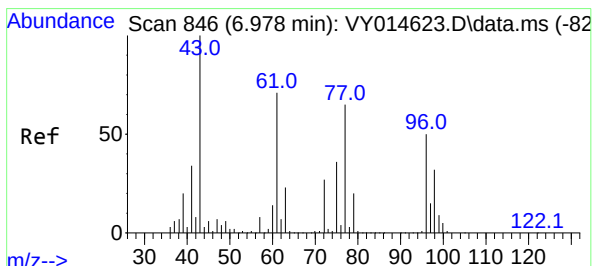
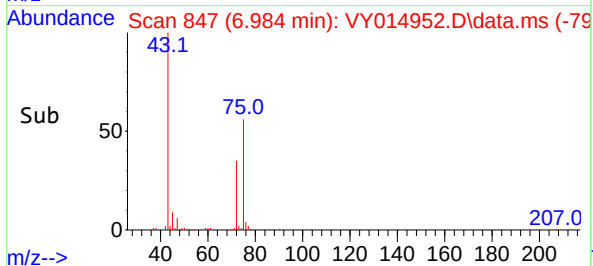
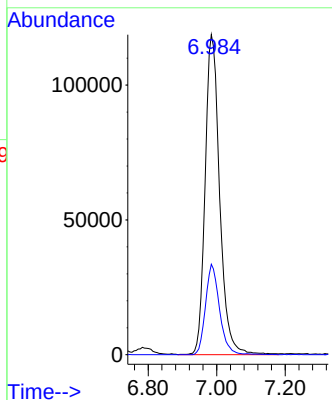
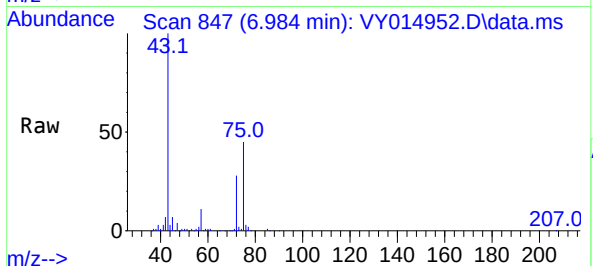




#25
2-Butanone
Concen: 304.381 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

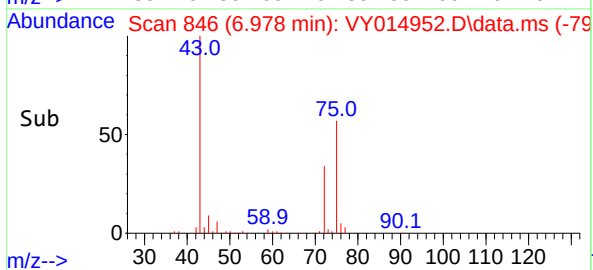
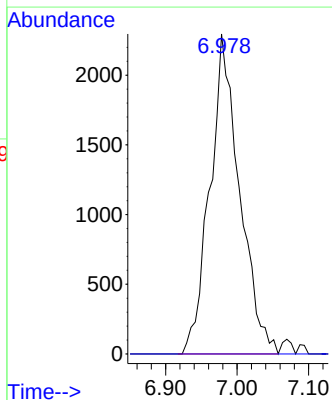
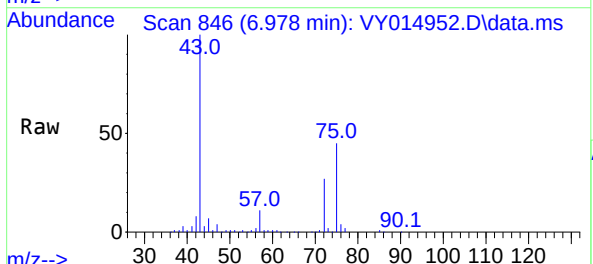
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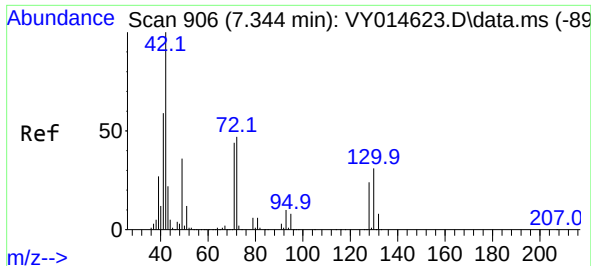
Tgt Ion: 43 Resp: 350449
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 1.565 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 77 Resp: 6610
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 1.540 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

1272

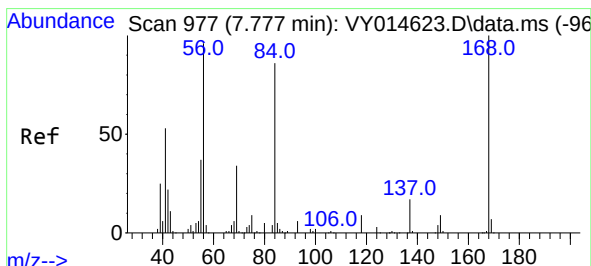
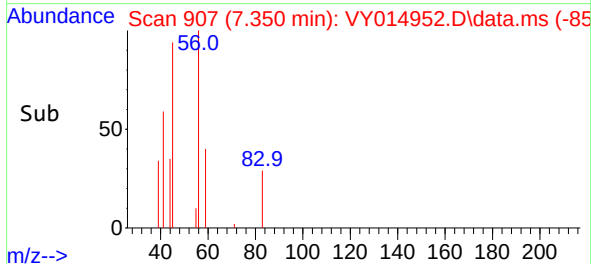
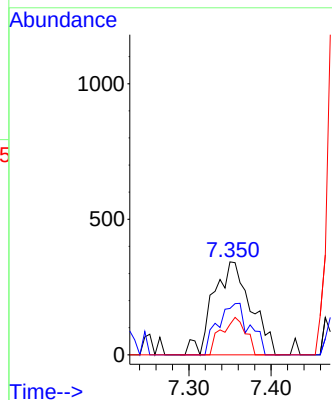
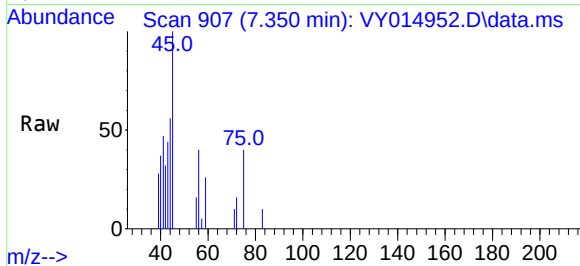
Tgt Ion: 42 Resp: 1092

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 0.0 31.0 46.4#



#31

Cyclohexane

Concen: 115.412 ug/l

RT: 7.765 min Scan# 975

Delta R.T. -0.012 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

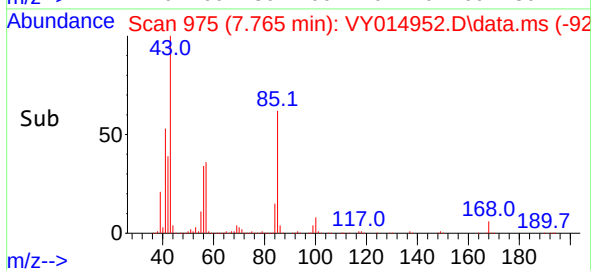
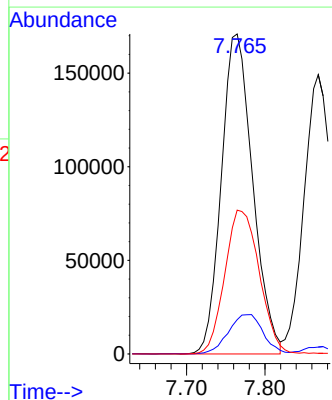
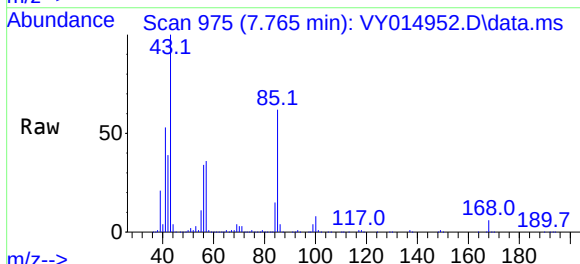
Tgt Ion: 56 Resp: 475796

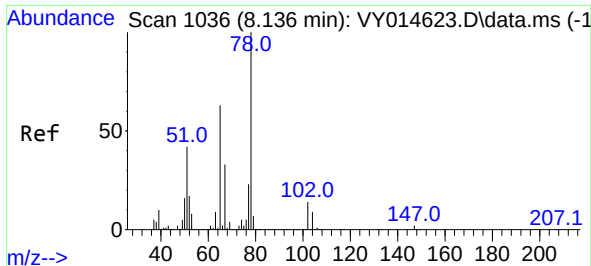
Ion Ratio Lower Upper

56 100

69 10.7 27.8 41.6#

84 45.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.215 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

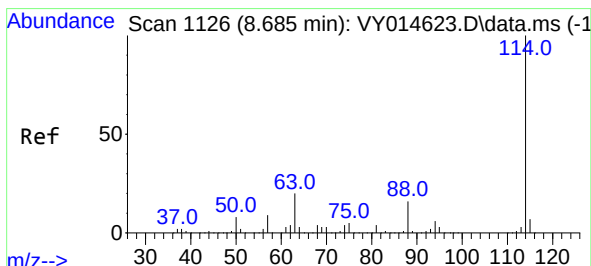
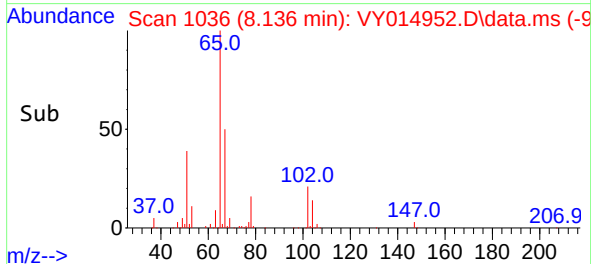
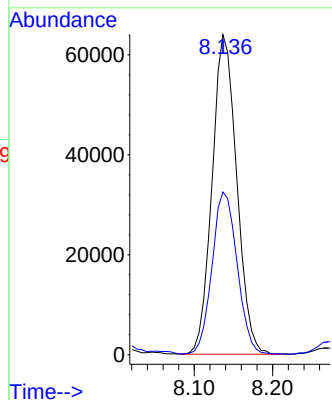
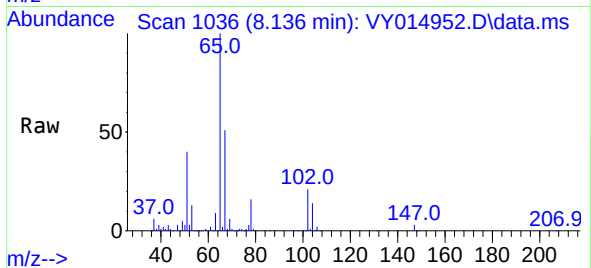
1272

Tgt Ion: 65 Resp: 139609

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

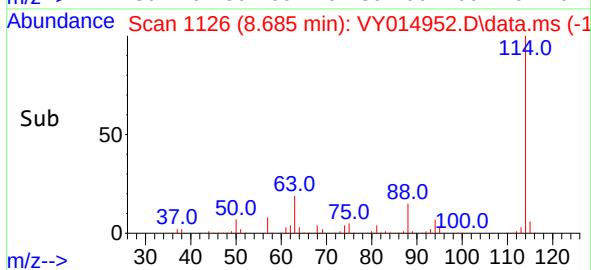
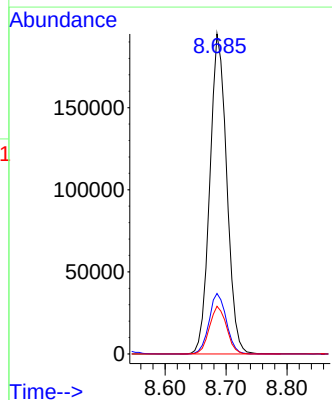
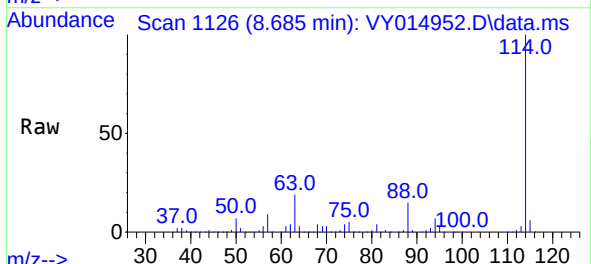
Tgt Ion: 114 Resp: 375613

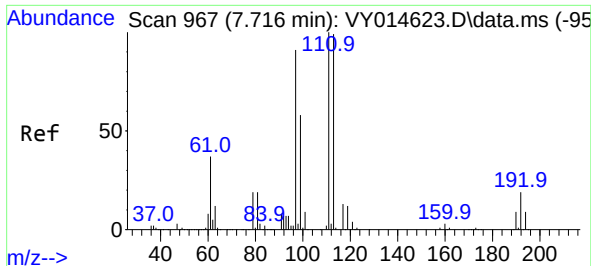
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.9 0.0 30.6

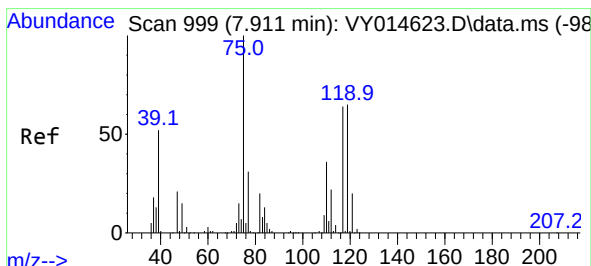
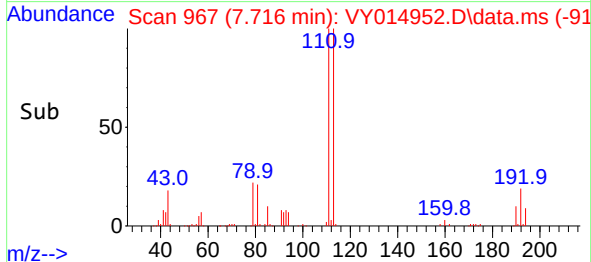
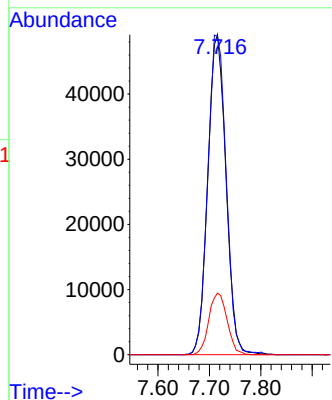
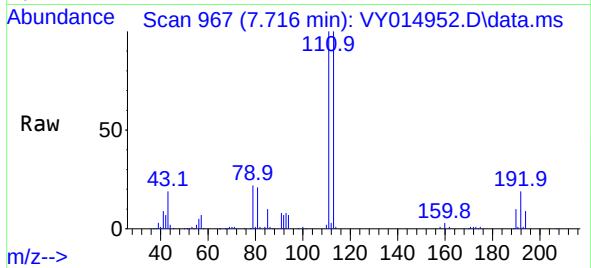




#35
Dibromofluoromethane
Concen: 50.265 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

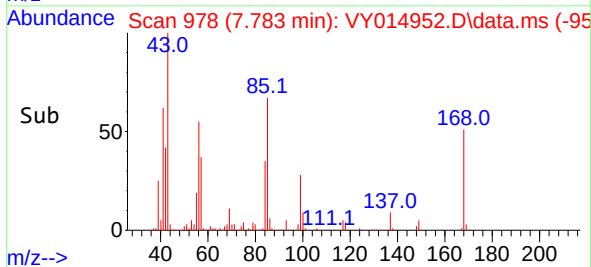
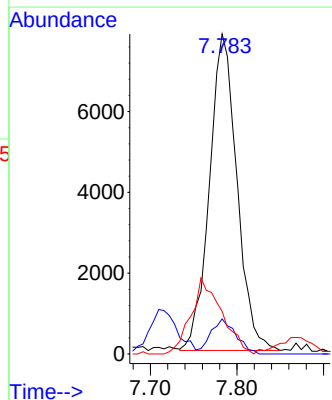
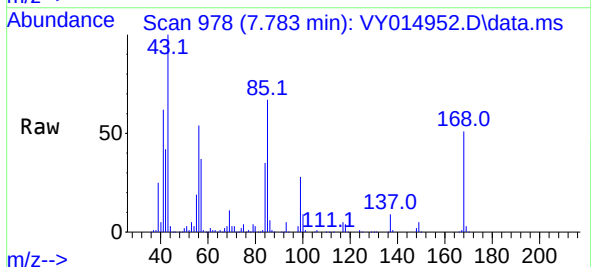
Instrument :
MSVOA_Y
ClientSampleId :
1272

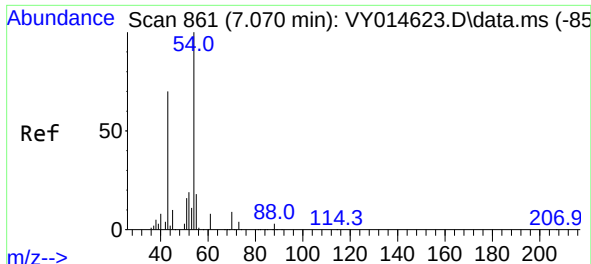
Tgt Ion:113 Resp: 120186
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 75 Resp: 17289
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#

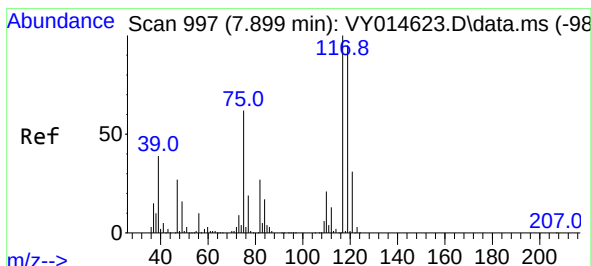
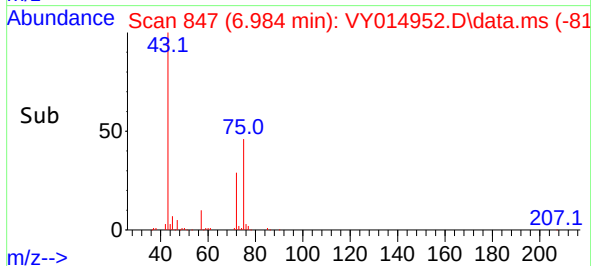
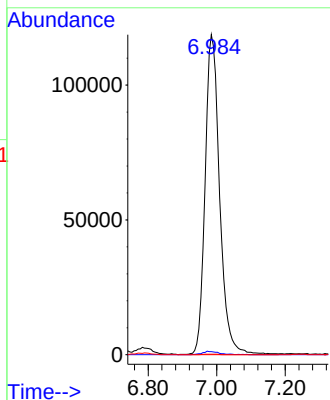
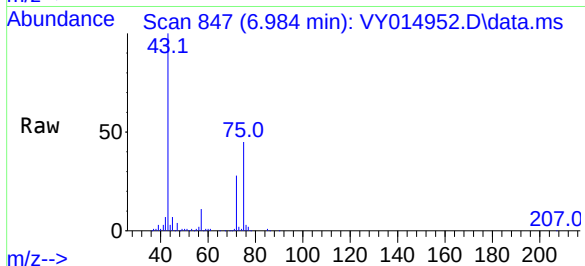




#37
Ethyl Acetate
Concen: 142.349 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.086 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

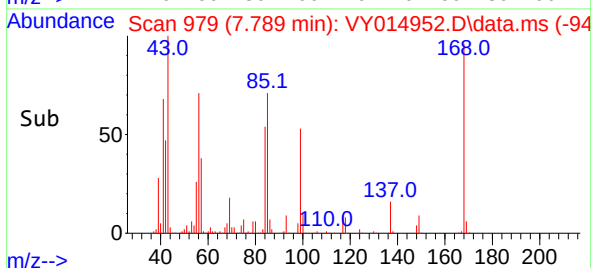
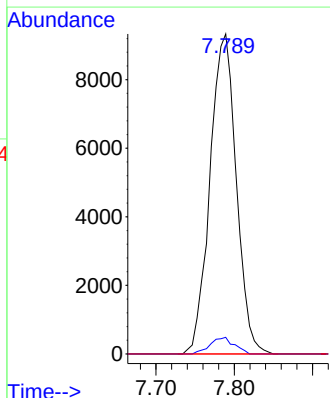
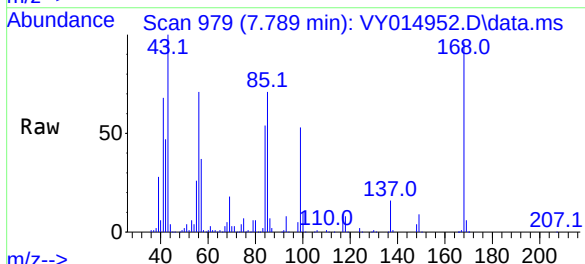
Instrument :
MSVOA_Y
ClientSampleId :
1272

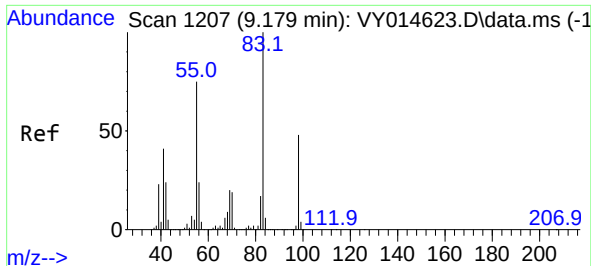
Tgt Ion: 43 Resp: 350449
Ion Ratio Lower Upper
43 100
61 1.1 10.1 15.1#
70 0.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 117 Resp: 21792
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#

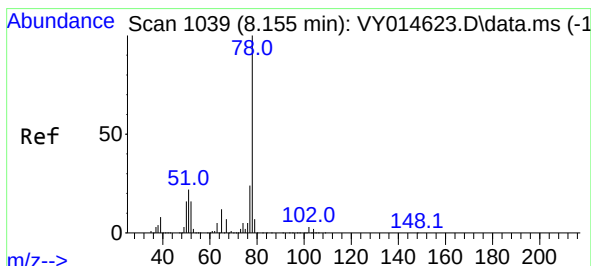
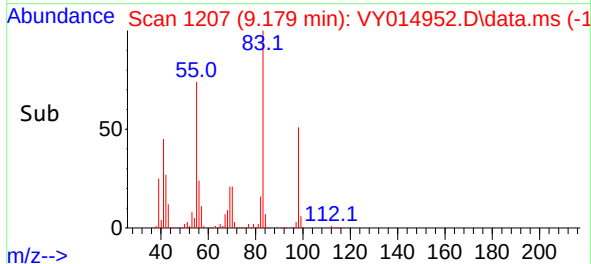
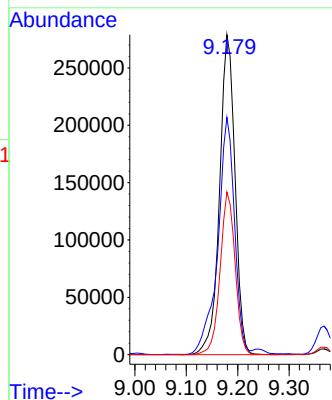
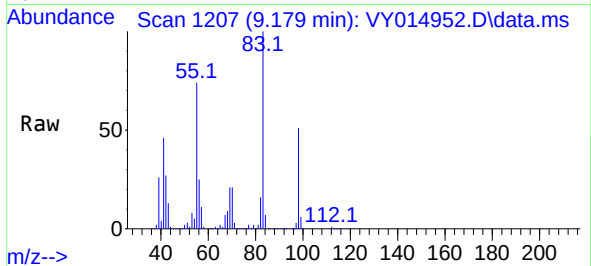




#39
Methylcyclohexane
Concen: 125.091 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

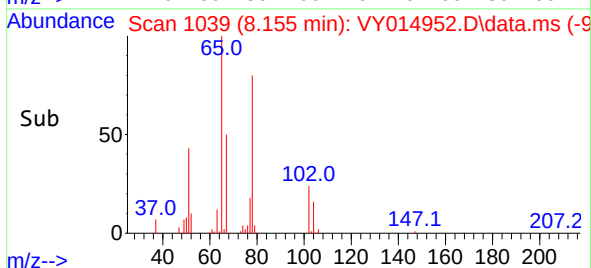
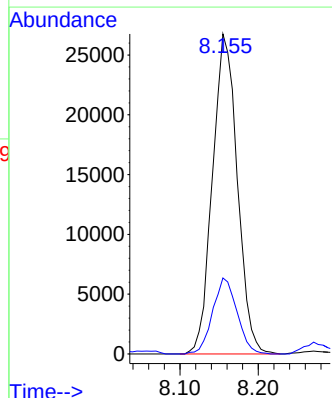
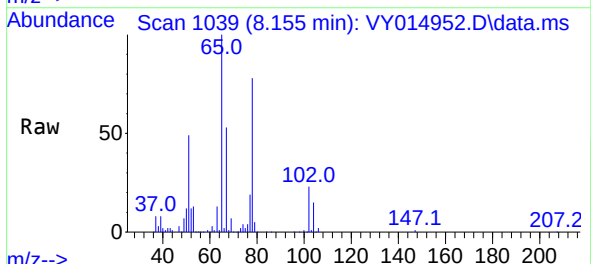
Instrument :
MSVOA_Y
ClientSampleId :
1272

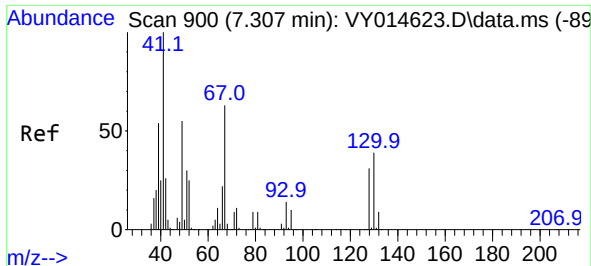
Tgt Ion: 83 Resp: 582742
Ion Ratio Lower Upper
83 100
55 74.0 63.0 94.4
98 50.9 37.4 56.2



#40
Benzene
Concen: 5.800 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 78 Resp: 58982
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

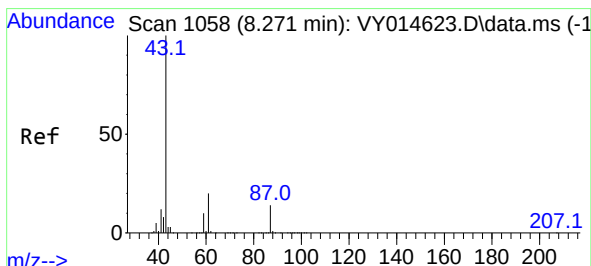
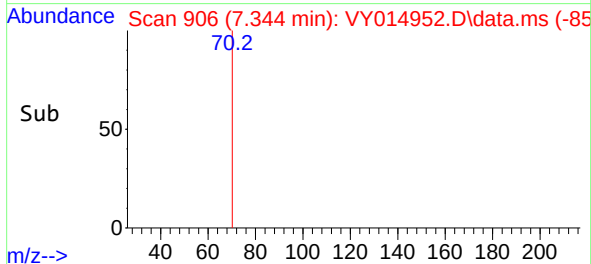
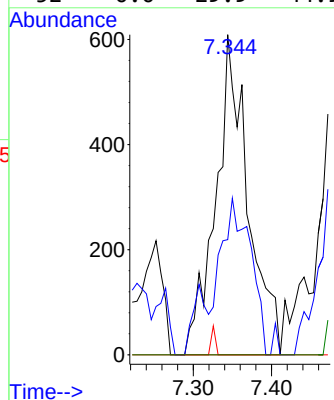
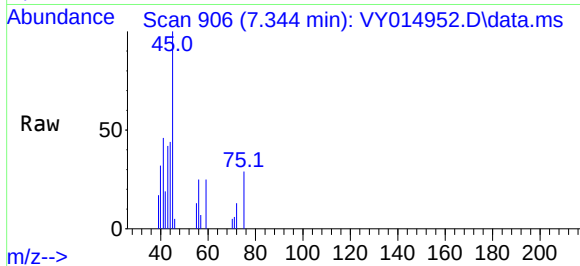




#41
Methacrylonitrile
Concen: 1.379 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

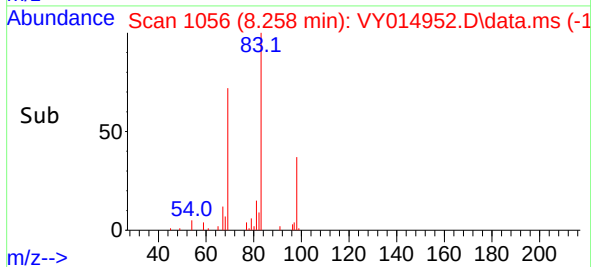
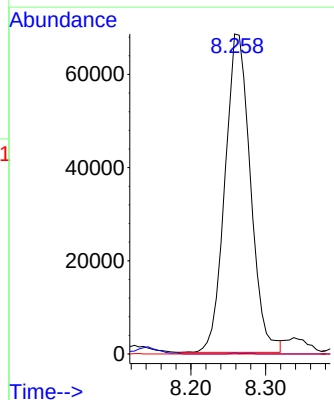
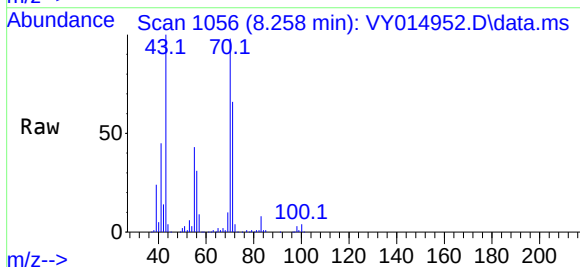
Instrument :
MSVOA_Y
ClientSampleId :
1272

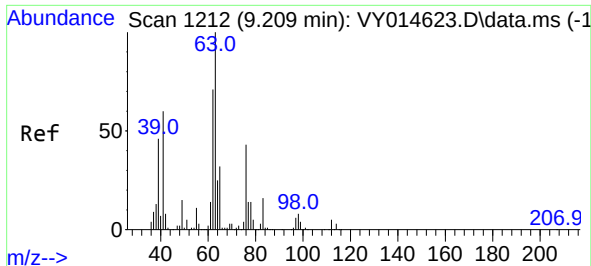
Tgt Ion:	41	Resp:	1746
Ion	Ratio	Lower	Upper
41	100		
39	45.5	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#43
Isopropyl Acetate
Concen: 34.616 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.013 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion:	43	Resp:	162339
Ion	Ratio	Lower	Upper
43	100		
61	0.1	21.1	31.7#
87	0.0	9.8	14.8#





#45

1,2-Dichloropropane

Concen: 2.337 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.030 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

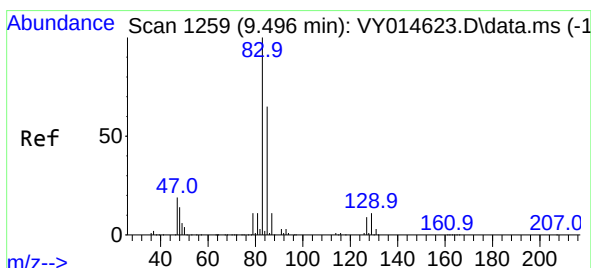
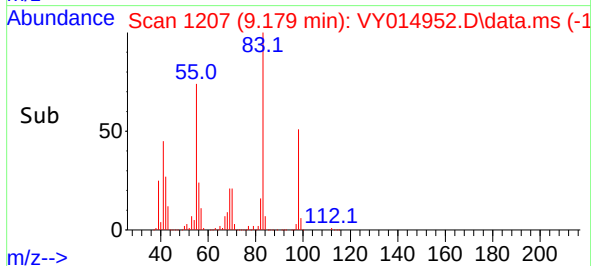
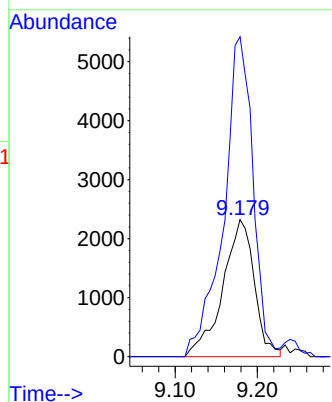
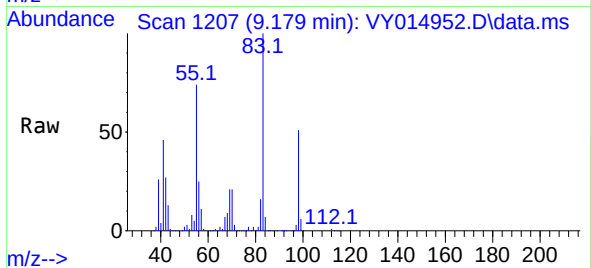
1272

Tgt Ion: 63 Resp: 6207

Ion Ratio Lower Upper

63 100

65 233.4 23.8 35.6#



#47

Bromodichloromethane

Concen: 1.455 ug/l

RT: 9.459 min Scan# 1253

Delta R.T. -0.037 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

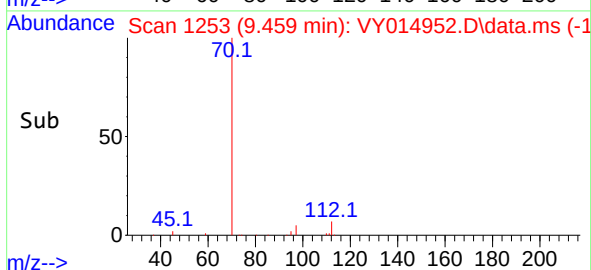
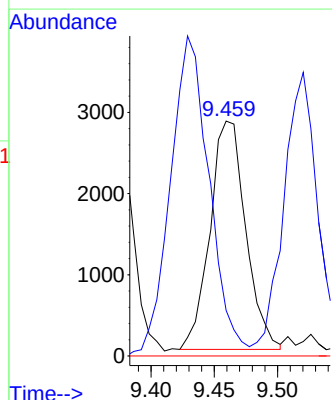
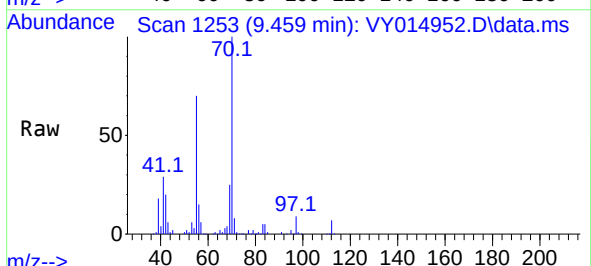
Tgt Ion: 83 Resp: 5524

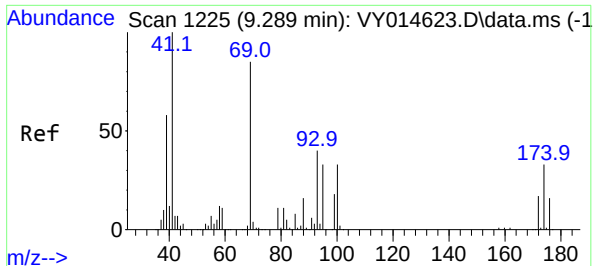
Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 7.1 10.7#

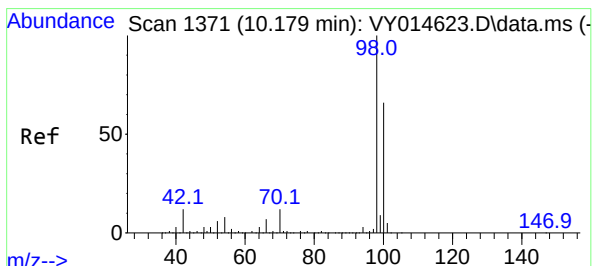
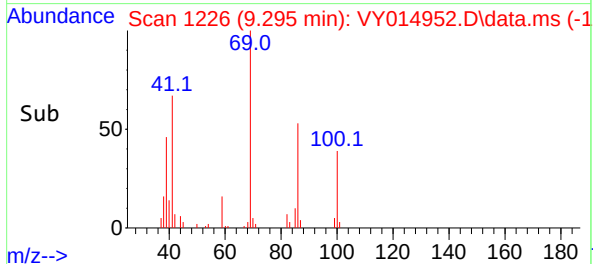
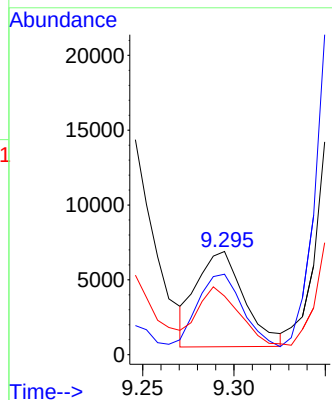
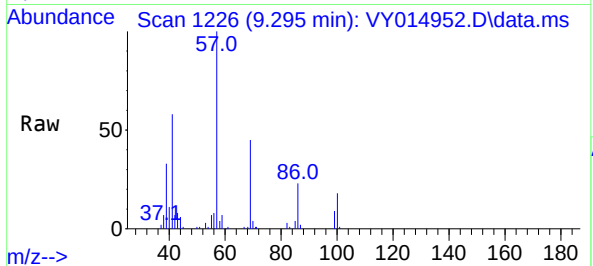




#48
Methyl methacrylate
Concen: 5.479 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

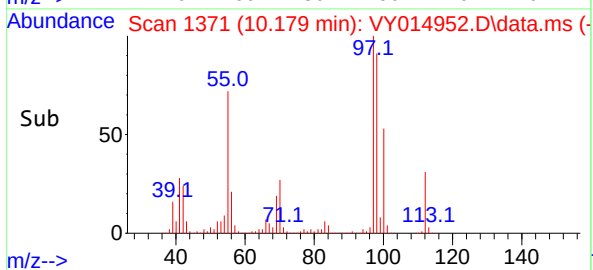
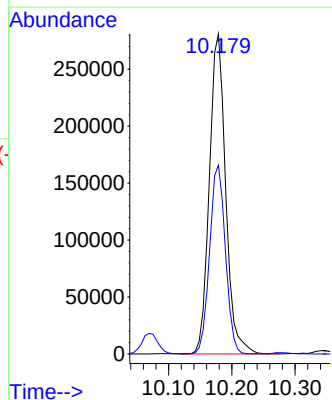
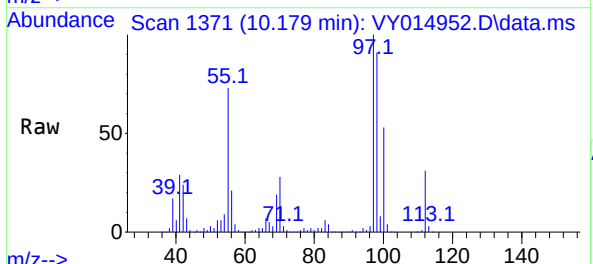
Instrument :
MSVOA_Y
ClientSampleId :
1272

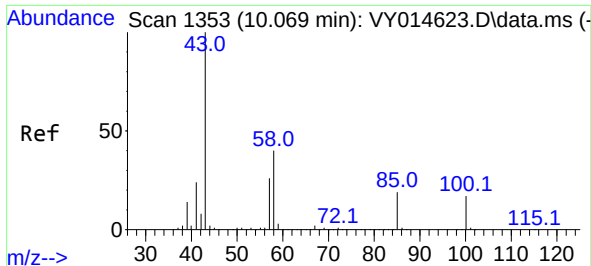
Tgt Ion: 41 Resp: 11562
Ion Ratio Lower Upper
41 100
69 81.5 64.5 96.7
39 62.7 50.8 76.2



#50
Toluene-d8
Concen: 57.303 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 98 Resp: 505146
Ion Ratio Lower Upper
98 100
100 56.8 50.1 75.1

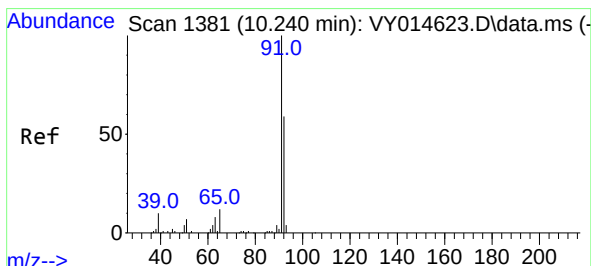
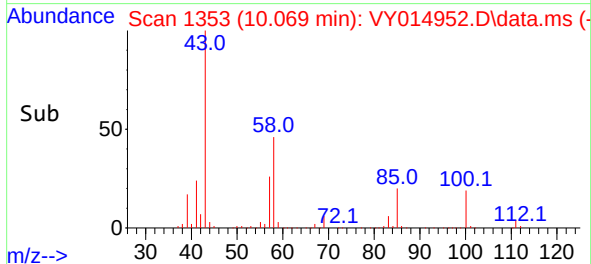
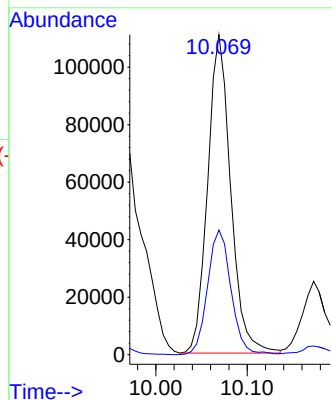
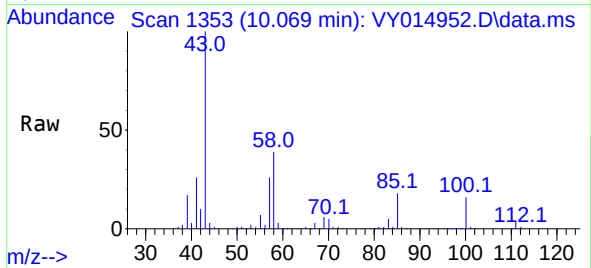




#51
4-Methyl-2-Pentanone
Concen: 78.806 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

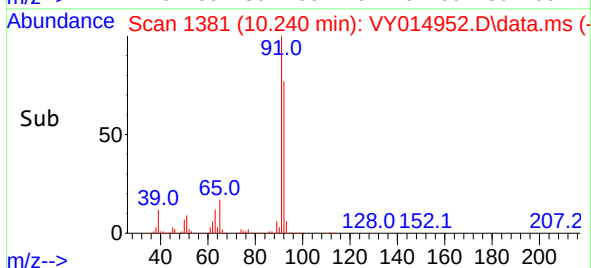
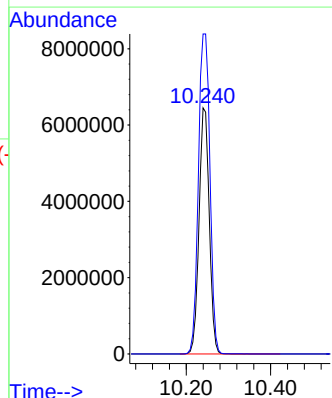
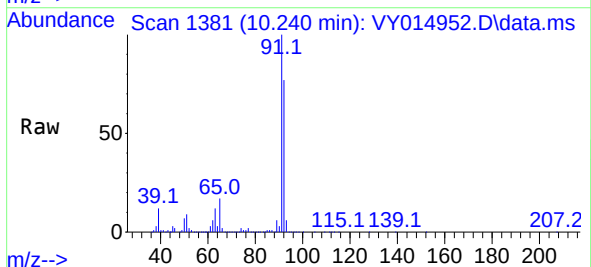
Instrument :
MSVOA_Y
ClientSampleId :
1272

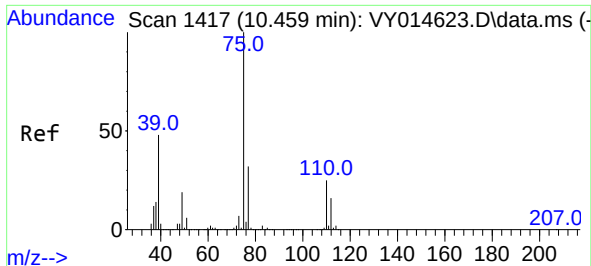
Tgt Ion: 43 Resp: 194043
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 1671.355 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 92 Resp:10876409
Ion Ratio Lower Upper
92 100
91 146.6 143.8 215.6

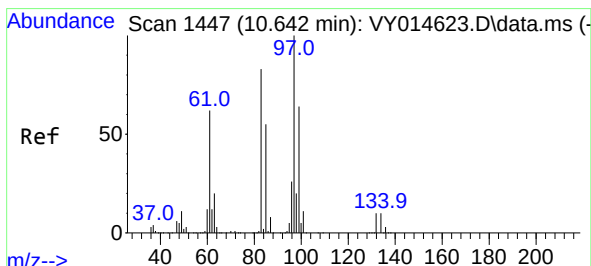
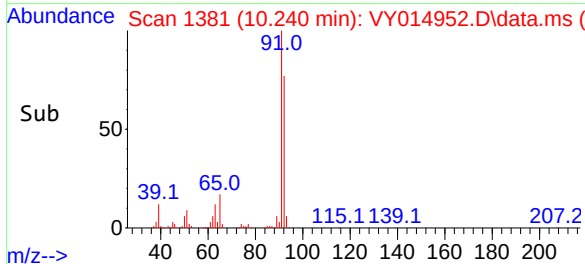
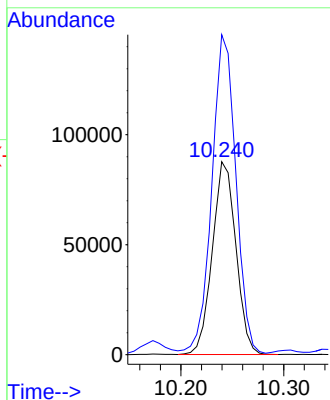
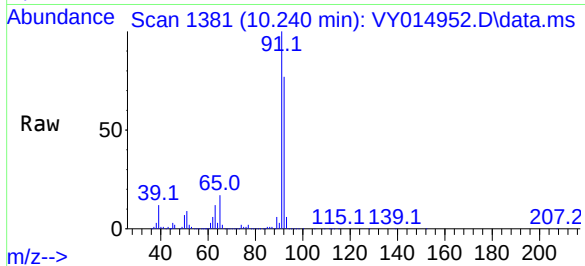




#53
t-1,3-Dichloropropene
Concen: 33.605 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.219 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

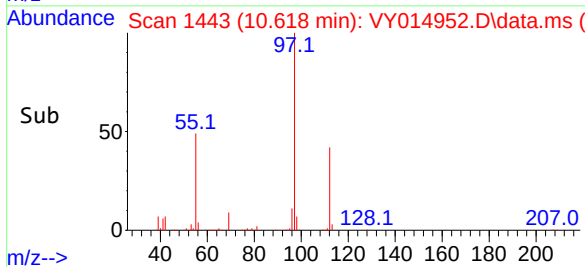
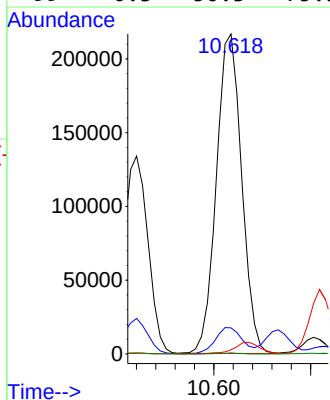
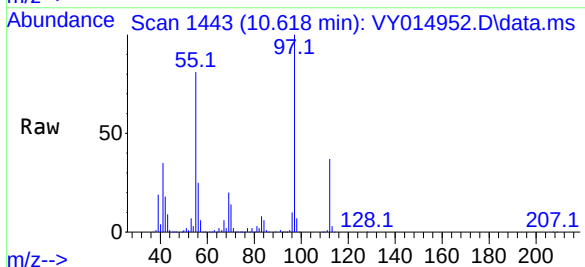
Instrument :
MSVOA_Y
ClientSampleId :
1272

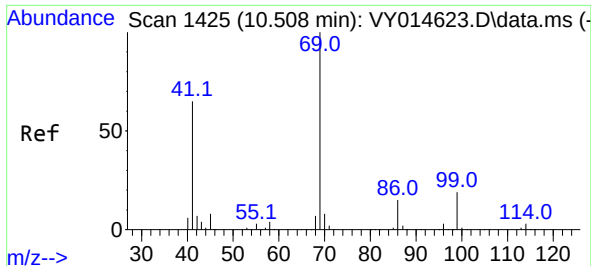
Tgt Ion: 75 Resp: 139569
Ion Ratio Lower Upper
75 100
77 164.1 25.0 37.4#



#55
1,1,2-Trichloroethane
Concen: 175.084 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 97 Resp: 392894
Ion Ratio Lower Upper
97 100
83 8.1 72.0 108.0#
85 1.2 45.4 68.0#
99 0.3 50.3 75.5#

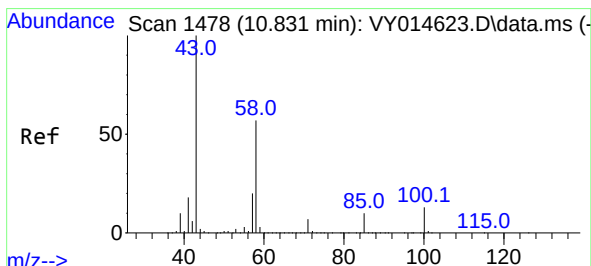
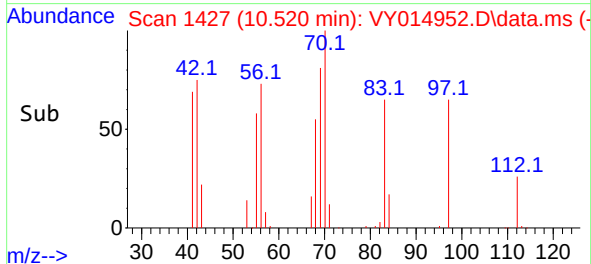
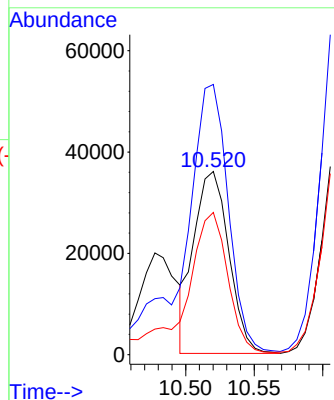
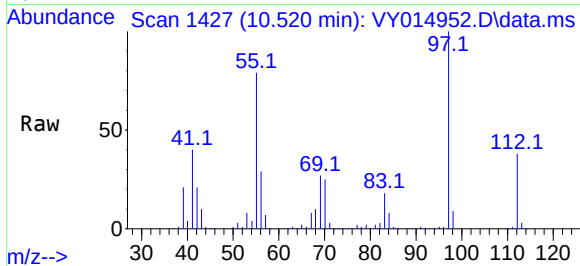




#56
Ethyl methacrylate
Concen: 18.599 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

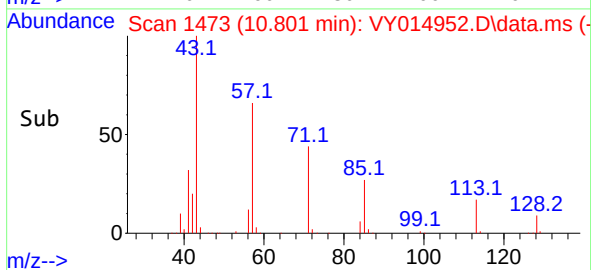
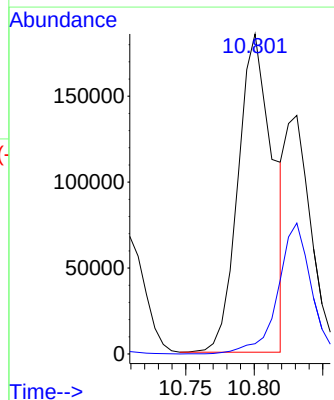
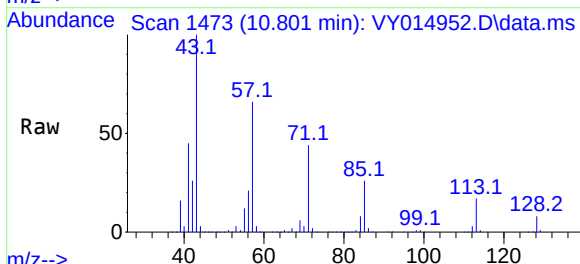
Instrument :
MSVOA_Y
ClientSampleId :
1272

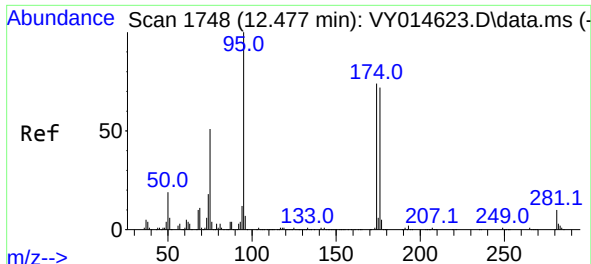
Tgt Ion: 69 Resp: 63724
Ion Ratio Lower Upper
69 100
41 181.5 57.6 86.4#
39 87.2 34.1 51.1#



#59
2-Hexanone
Concen: 182.533 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 43 Resp: 327764
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#

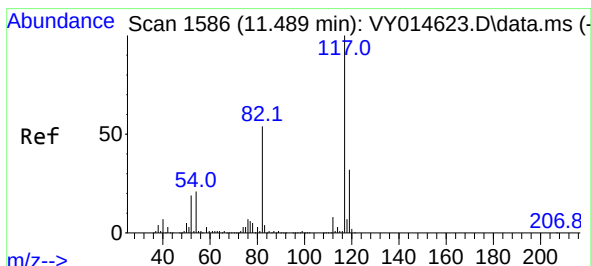
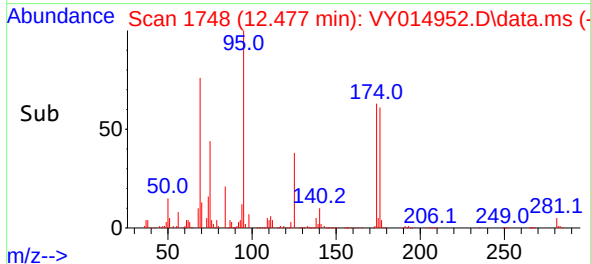
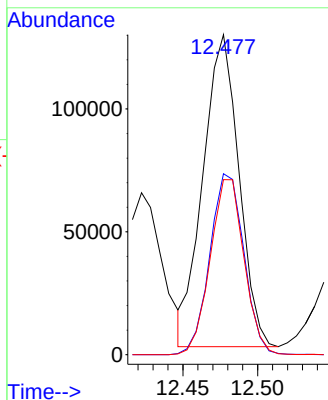
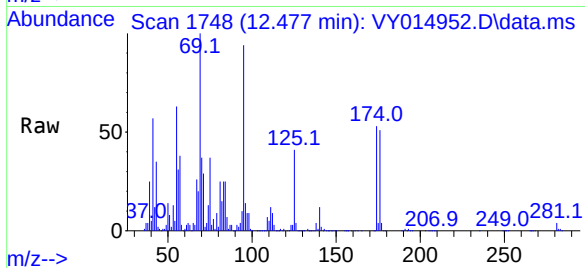




#62
4-Bromofluorobenzene
Concen: 62.544 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

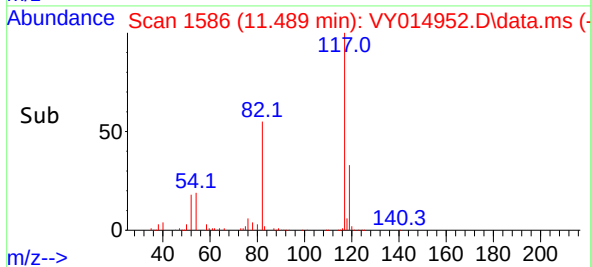
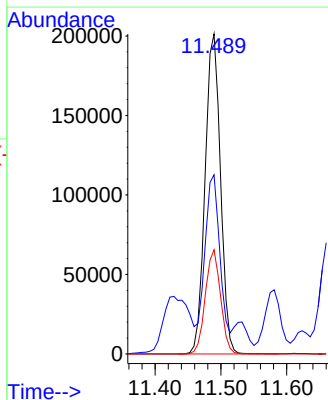
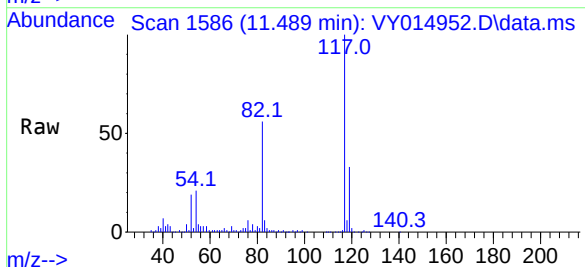
Instrument :
MSVOA_Y
ClientSampleId :
1272

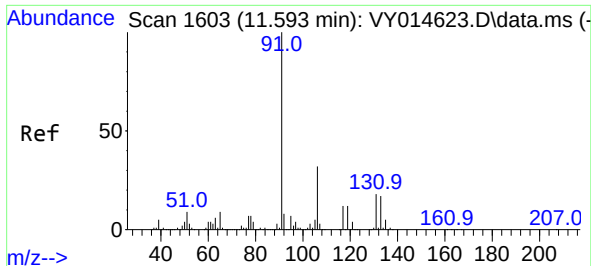
Tgt Ion: 95 Resp: 211406
Ion Ratio Lower Upper
95 100
174 55.2 0.0 178.2
176 53.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 117 Resp: 327758
Ion Ratio Lower Upper
117 100
82 40.3 43.4 65.0#
119 32.6 26.3 39.5





#67

Ethyl Benzene

Concen: 159.856 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

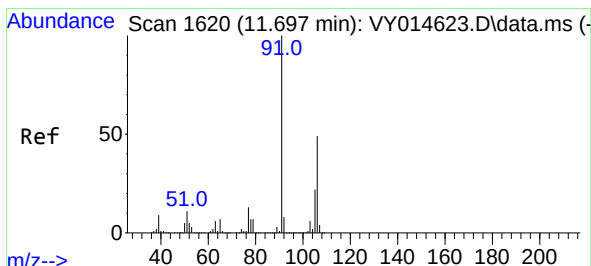
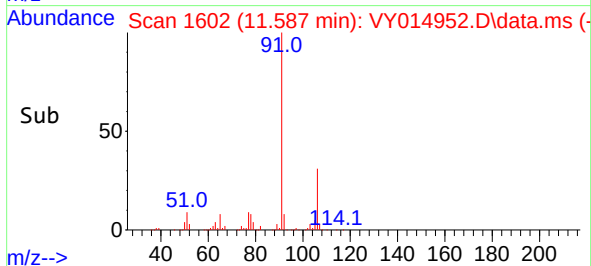
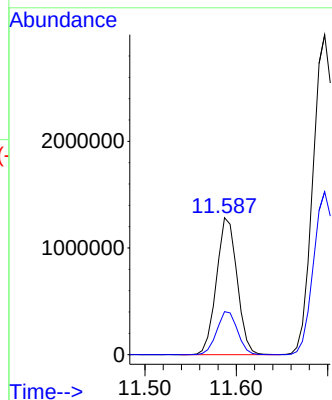
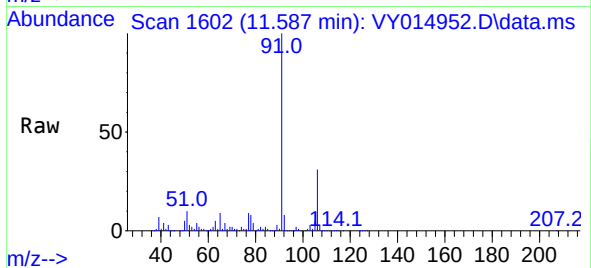
1272

Tgt Ion: 91 Resp: 2015858

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 541.789 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014952.D

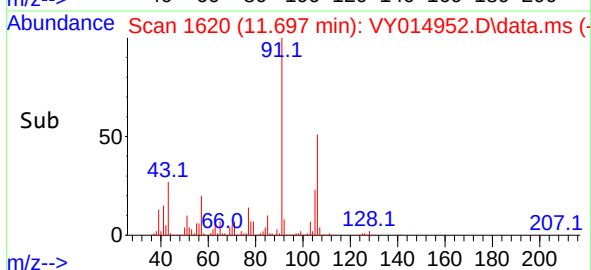
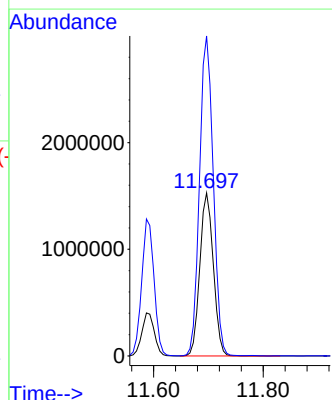
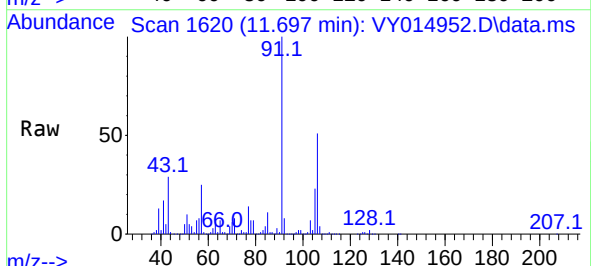
Acq: 03 Aug 2023 16:39

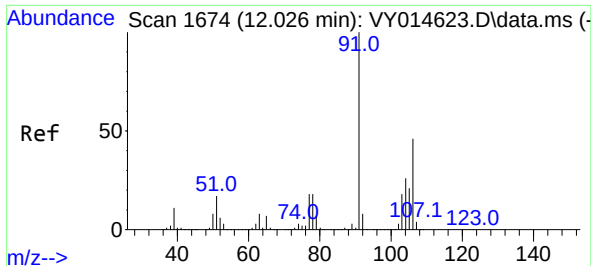
Tgt Ion:106 Resp: 2608022

Ion Ratio Lower Upper

106 100

91 199.9 166.1 249.1

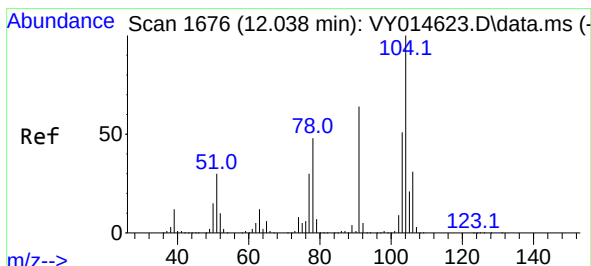
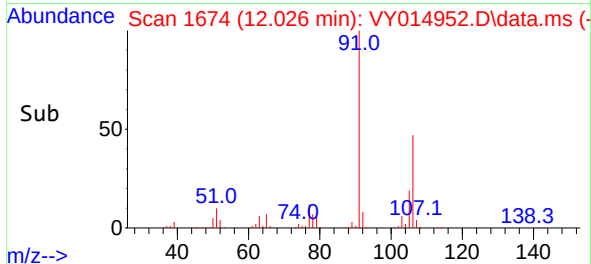
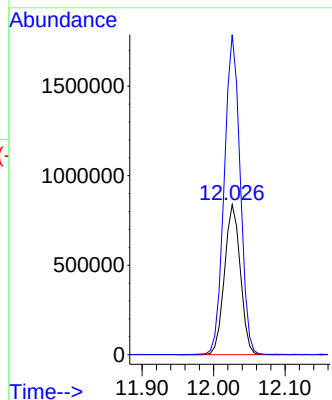
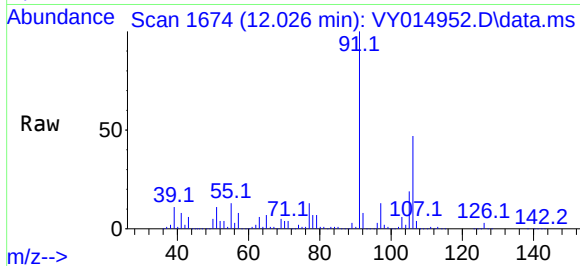




#69
o-Xylene
Concen: 275.007 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

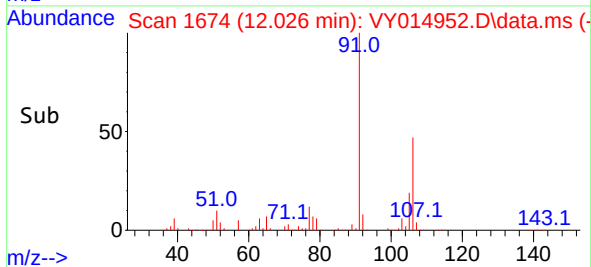
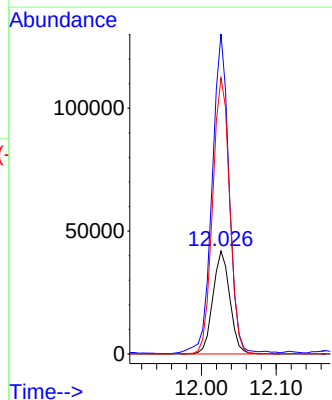
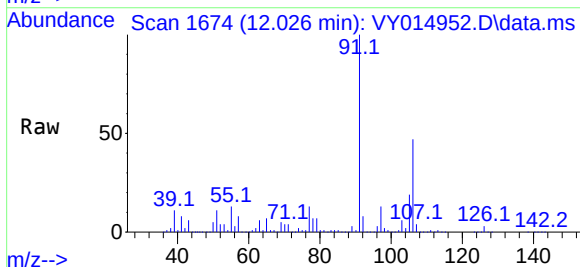
Instrument :
MSVOA_Y
ClientSampleId :
1272

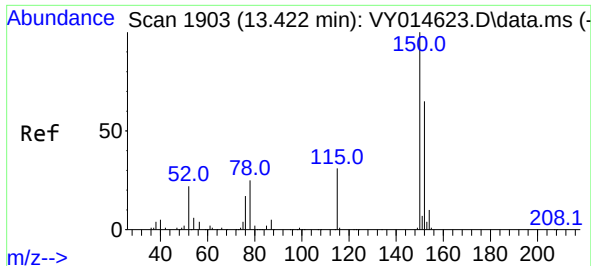
Tgt Ion:106 Resp: 1289401
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.3



#70
Styrene
Concen: 8.349 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.012 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion:104 Resp: 65975
Ion Ratio Lower Upper
104 100
78 312.0 41.5 62.3#
103 270.7 44.6 67.0#

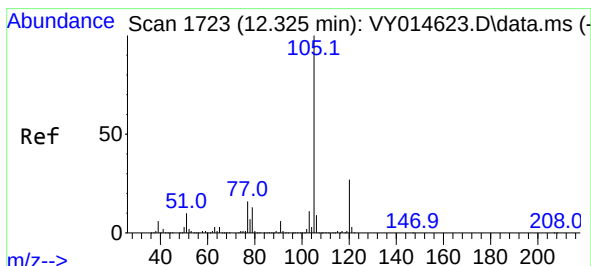
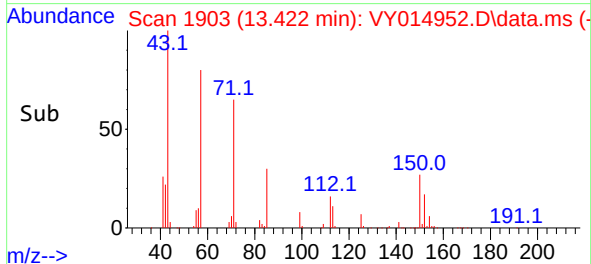
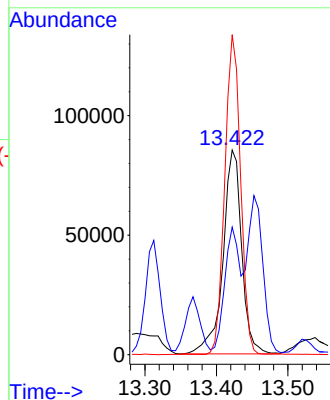
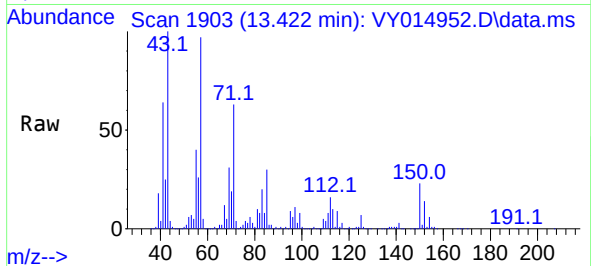




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

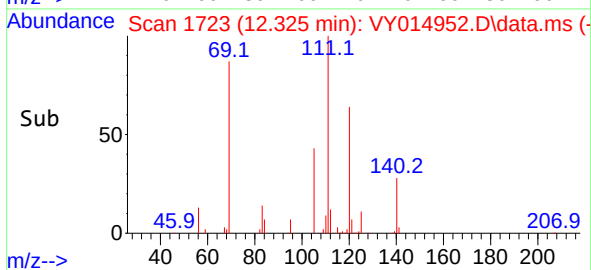
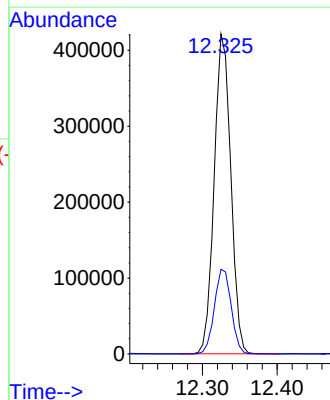
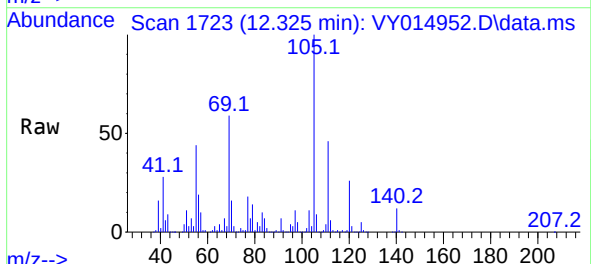
Instrument :
MSVOA_Y
ClientSampleId :
1272

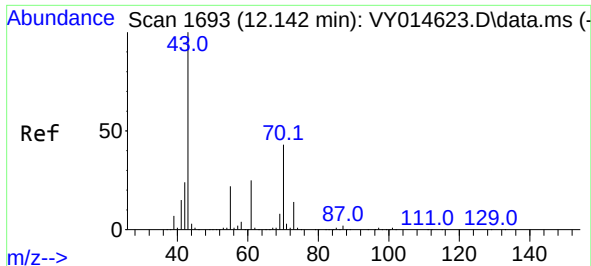
Tgt Ion:152 Resp: 155089
Ion Ratio Lower Upper
152 100
115 48.5 28.8 86.5
150 132.0 0.0 348.8



#73
Isopropylbenzene
Concen: 53.464 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion:105 Resp: 649246
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

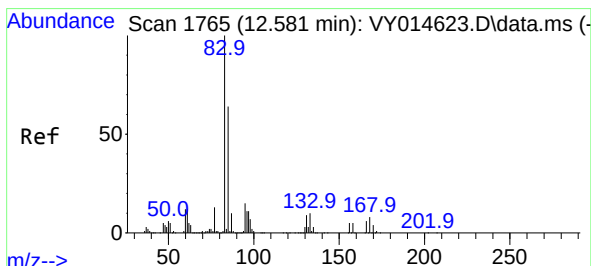
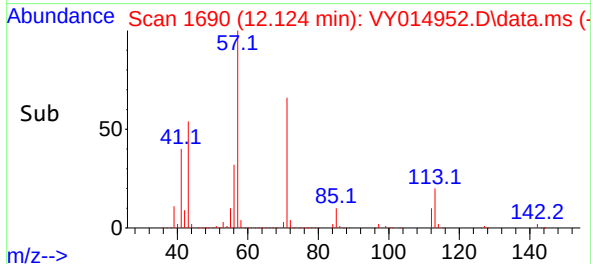
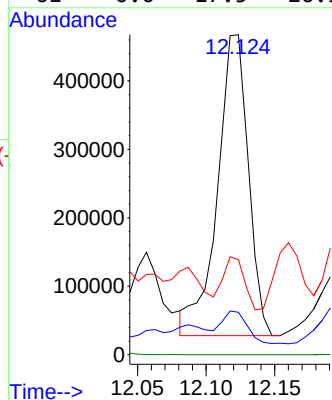
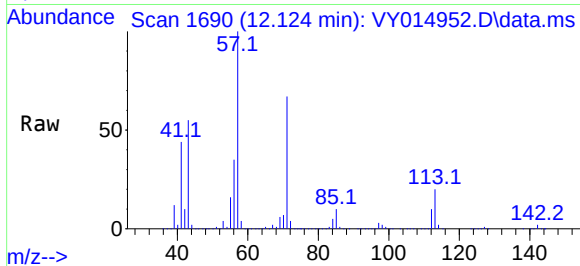




#74
N-amy1 acetate
Concen: 169.725 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

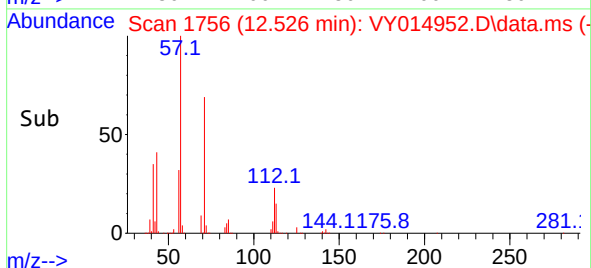
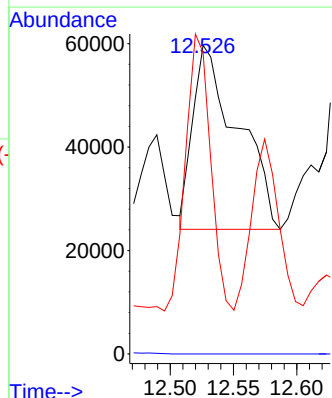
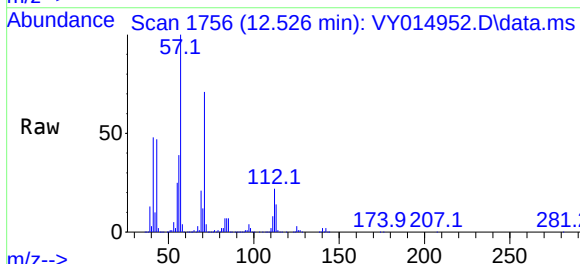
Instrument :
MSVOA_Y
ClientSampleId :
1272

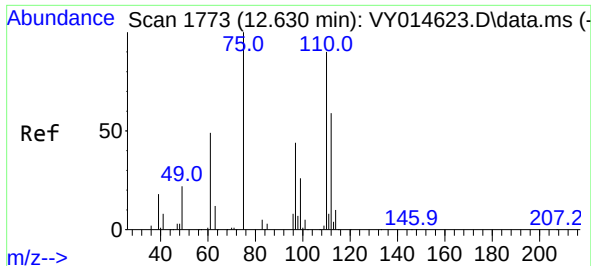
Tgt Ion: 43 Resp: 690287
Ion Ratio Lower Upper
43 100
70 8.8 29.7 44.5#
55 11.9 18.3 27.5#
61 0.0 17.5 26.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 31.754 ug/l
RT: 12.526 min Scan# 1756
Delta R.T. -0.055 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 83 Resp: 87934
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 82.8 31.8 95.4

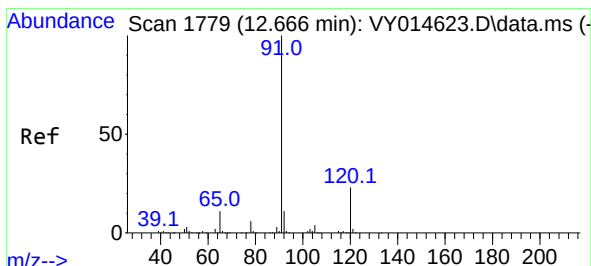
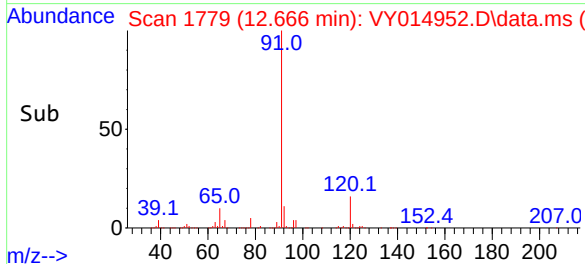
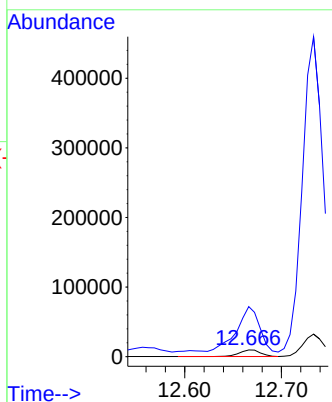
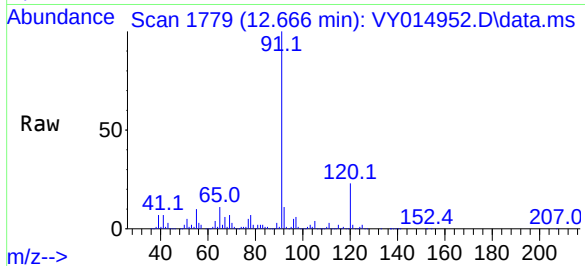




#76
1,2,3-Trichloropropane
Concen: 7.550 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.036 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

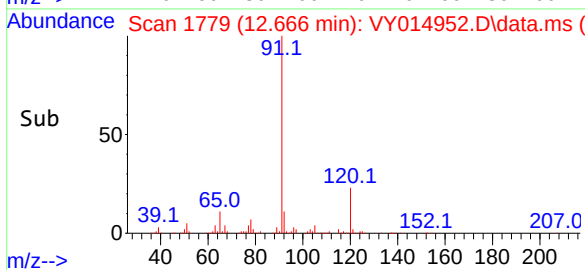
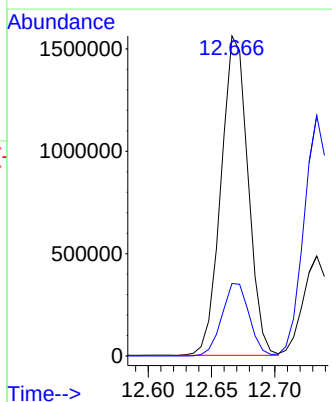
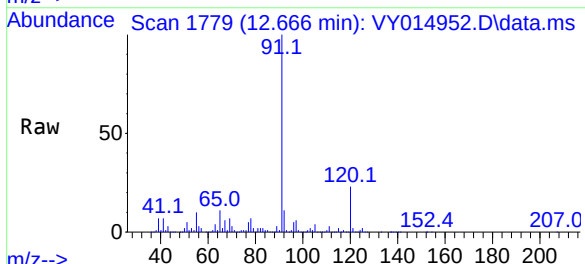
Instrument :
MSVOA_Y
ClientSampleId :
1272

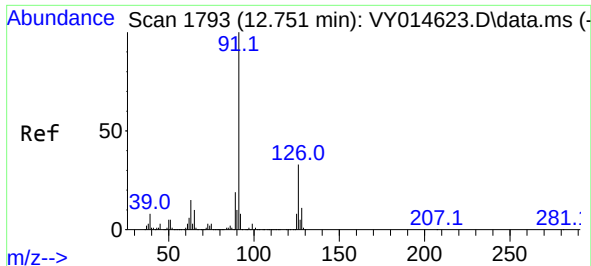
Tgt Ion: 75 Resp: 14788
Ion Ratio Lower Upper
75 100
77 723.1 0.0 0.0#



#78
n-propylbenzene
Concen: 158.193 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 91 Resp: 2314855
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

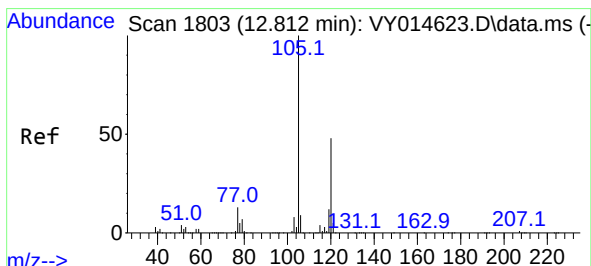
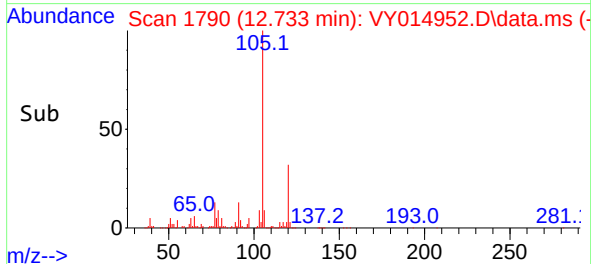
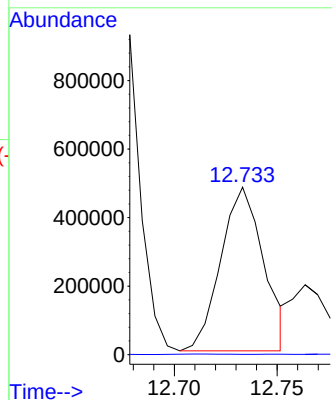
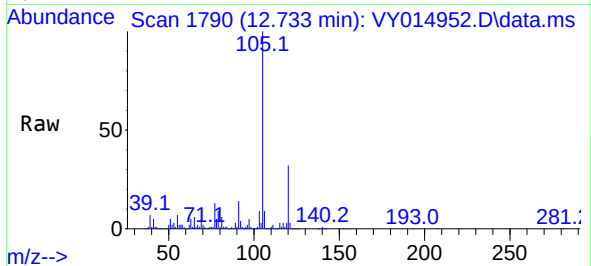




#79
2-Chlorotoluene
Concen: 82.521 ug/l
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

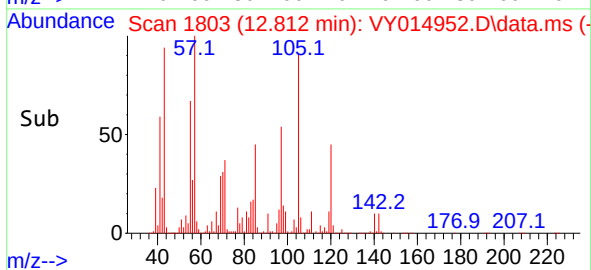
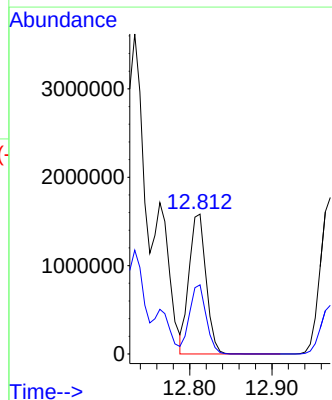
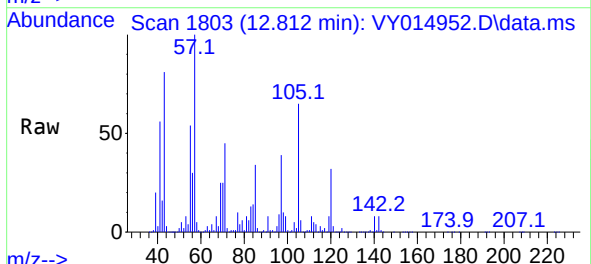
Instrument :
MSVOA_Y
ClientSampleId :
1272

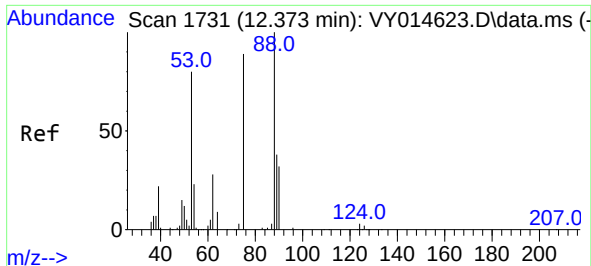
Tgt Ion: 91 Resp: 695517
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 223.599 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion:105 Resp: 2267656
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

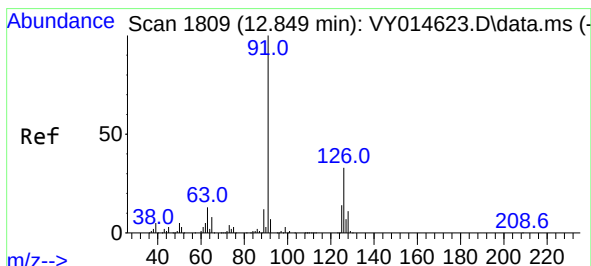
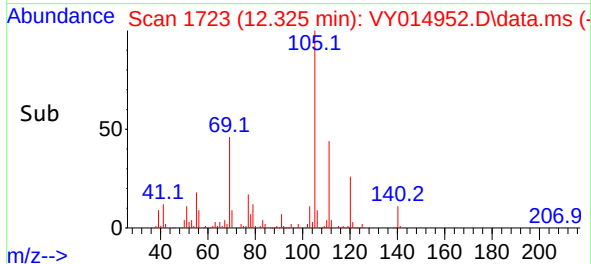
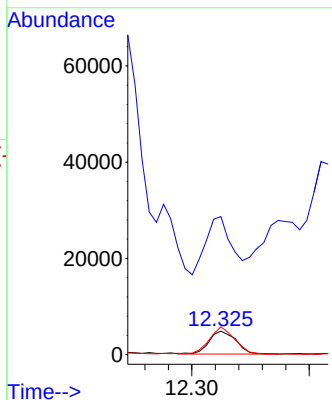
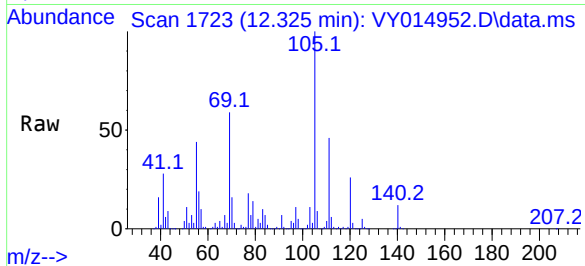




#81
trans-1,4-Dichloro-2-butene
Concen: 7.404 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.048 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

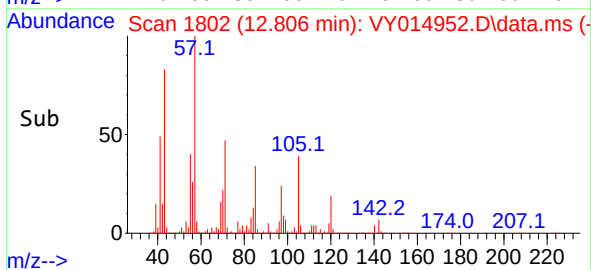
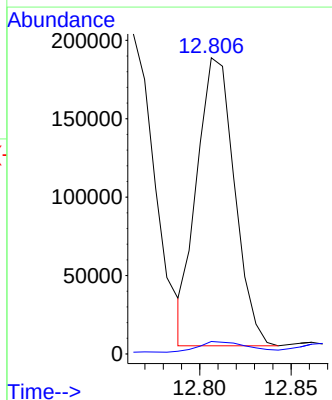
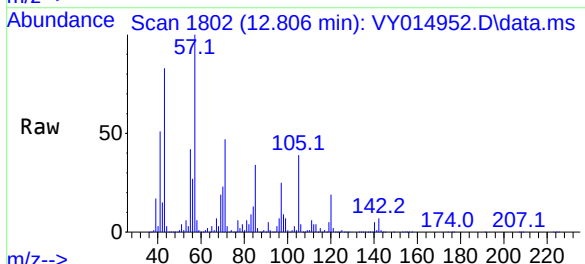
Instrument :
MSVOA_Y
ClientSampleId :
1272

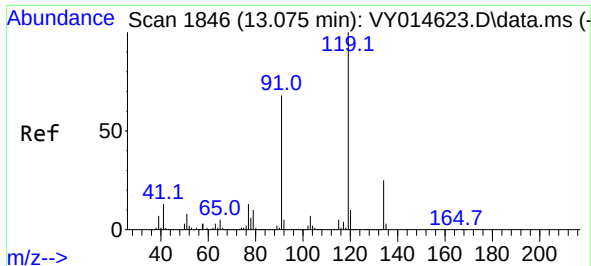
Tgt Ion: 75 Resp: 7490
Ion Ratio Lower Upper
75 100
53 239.0 77.8 116.8#
89 112.8 37.4 56.0#



#82
4-Chlorotoluene
Concen: 30.336 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.043 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion: 91 Resp: 263329
Ion Ratio Lower Upper
91 100
126 4.9 17.2 51.6#

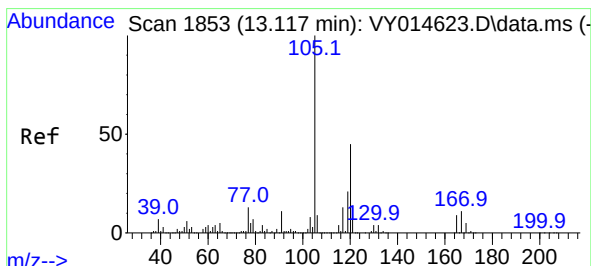
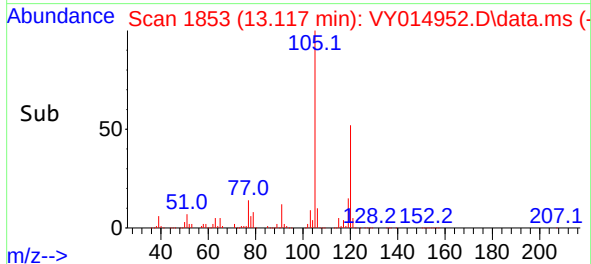
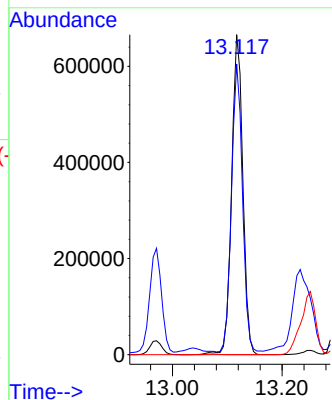
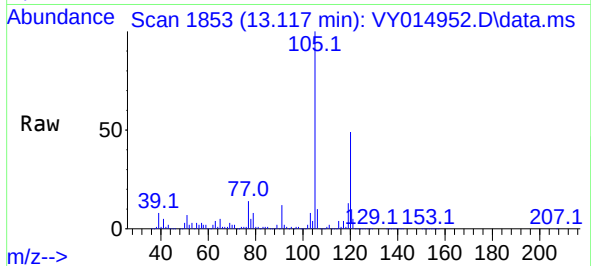




#83
tert-Butylbenzene
Concen: 105.207 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.042 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

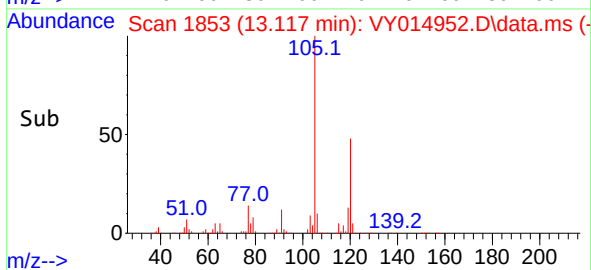
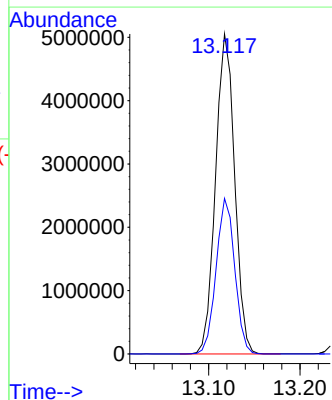
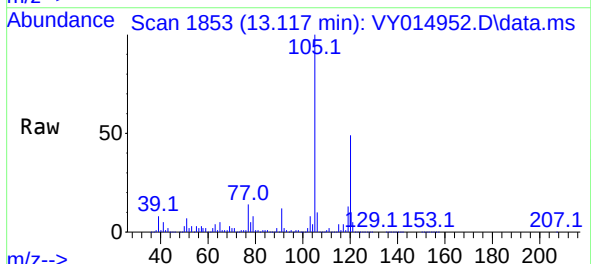
Instrument :
MSVOA_Y
ClientSampleId :
1272

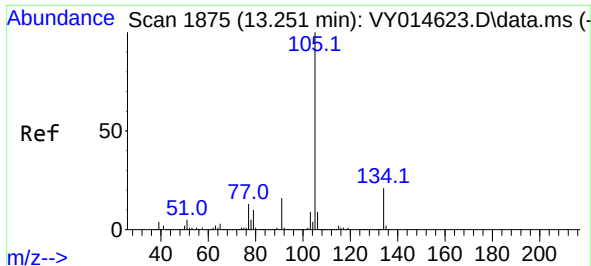
Tgt Ion:119 Resp: 946472
Ion Ratio Lower Upper
119 100
91 87.9 32.9 98.6
134 0.0 13.0 38.9#



#84
1,2,4-Trimethylbenzene
Concen: 737.111 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

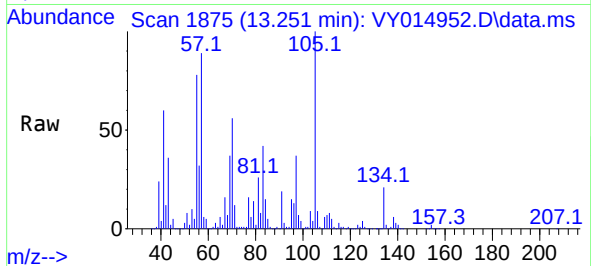
Tgt Ion:105 Resp: 7336323
Ion Ratio Lower Upper
105 100
120 47.4 22.2 66.6



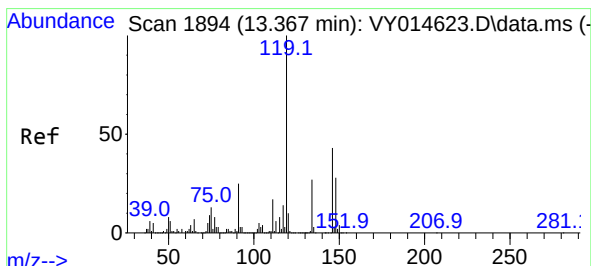
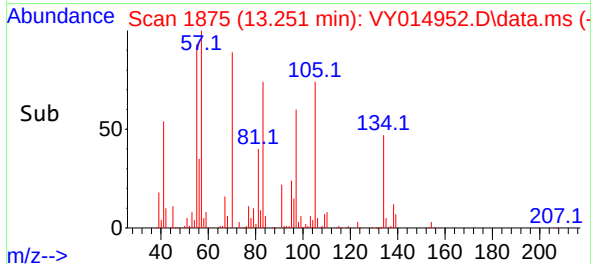
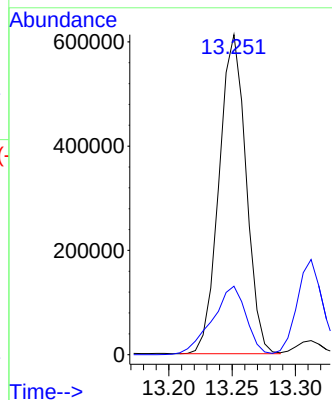


#85
sec-Butylbenzene
Concen: 68.675 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Instrument :
MSVOA_Y
ClientSampleId :
1272

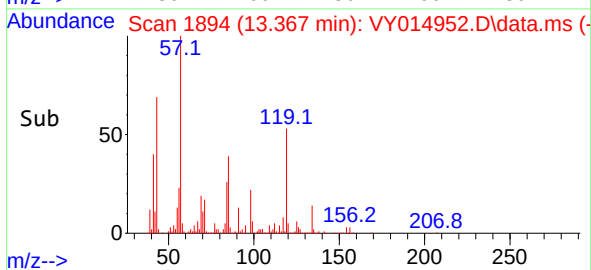
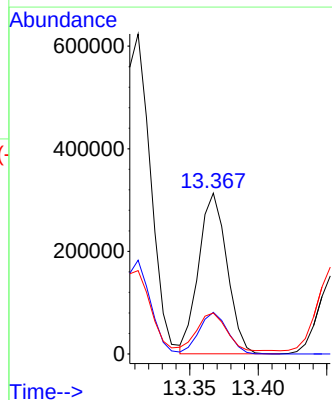
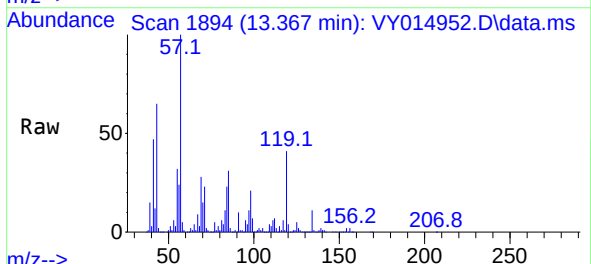


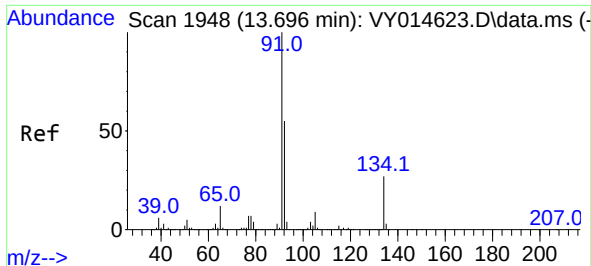
Tgt Ion:105 Resp: 906303
Ion Ratio Lower Upper
105 100
134 27.1 10.2 30.6



#86
p-Isopropyltoluene
Concen: 41.774 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

Tgt Ion:119 Resp: 450110
Ion Ratio Lower Upper
119 100
134 25.8 13.3 39.8
91 24.0 12.4 37.4





#89

n-Butylbenzene

Concen: 154.707 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014952.D

Acq: 03 Aug 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

1272

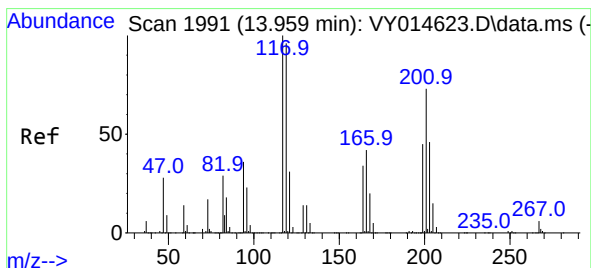
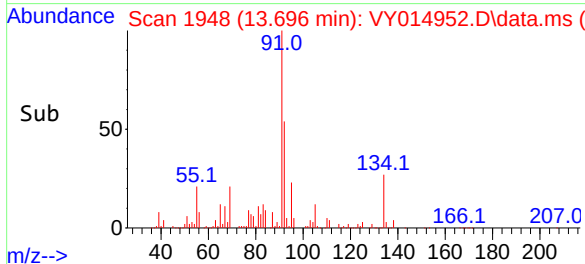
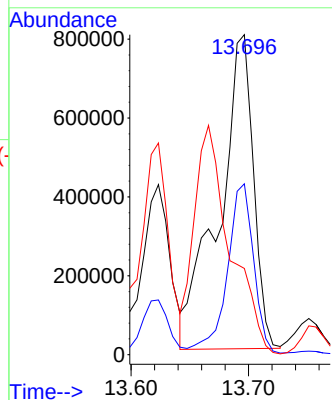
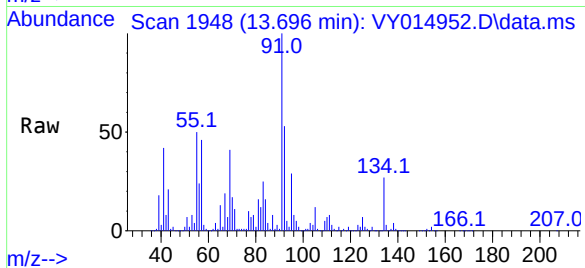
Tgt Ion: 91 Resp: 1621786

Ion Ratio Lower Upper

91 100

92 41.0 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 73.512 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY014952.D

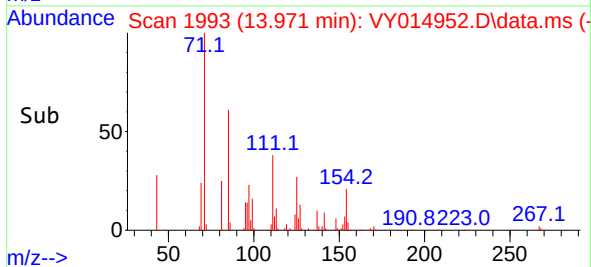
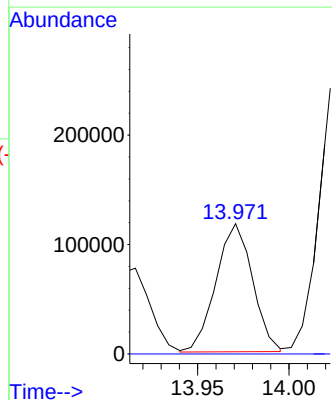
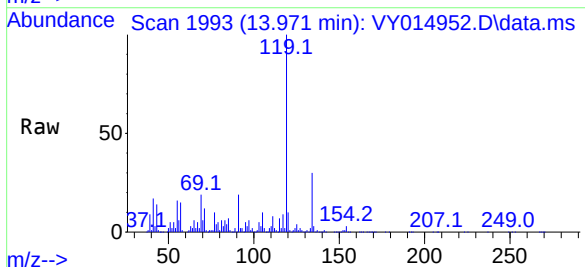
Acq: 03 Aug 2023 16:39

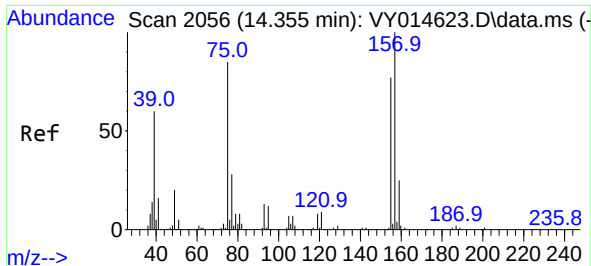
Tgt Ion: 117 Resp: 162694

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#

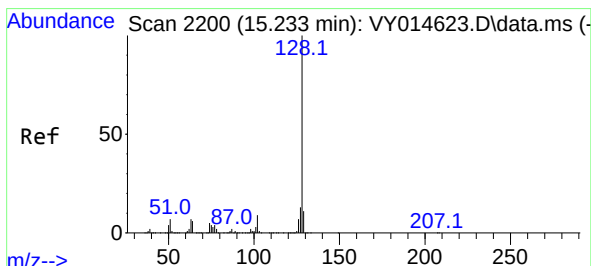
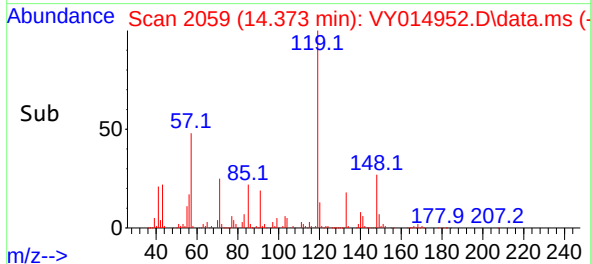
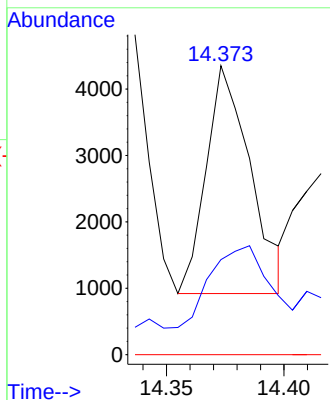
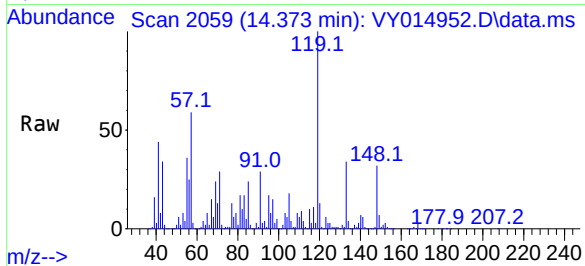




#92
1,2-Dibromo-3-Chloropropane
Concen: 8.469 ug/l
RT: 14.373 min Scan# 2056
Delta R.T. 0.018 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

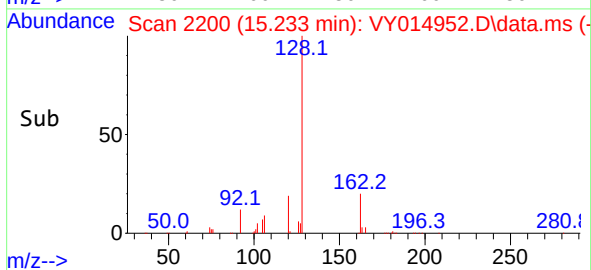
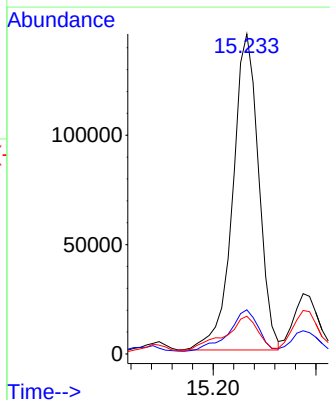
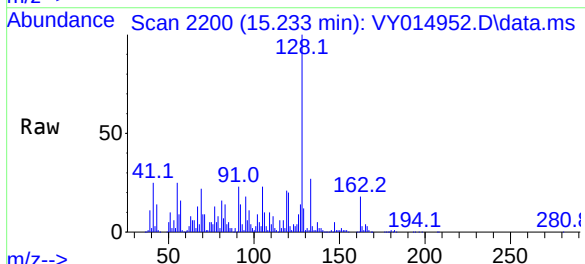
Instrument :
MSVOA_Y
ClientSampleId :
1272

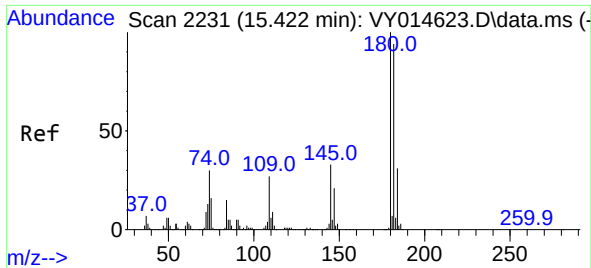
Tgt Ion: 75 Resp: 4485
Ion Ratio Lower Upper
75 100
155 47.9 41.5 124.6
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 34.588 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014952.D
Acq: 03 Aug 2023 16:39

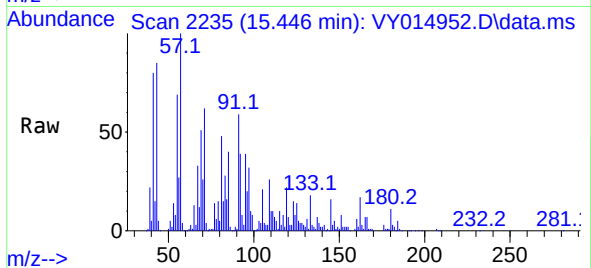
Tgt Ion:128 Resp: 252839
Ion Ratio Lower Upper
128 100
127 15.1 10.8 16.2
129 14.5 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.812 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY014952.D
 Acq: 03 Aug 2023 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 1272



Tgt Ion:180 Resp: 7842
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 0.0 15.4 46.2#

