

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010840.D
 Acq On : 06 Oct 2022 13:29
 Operator : KP/MD
 Sample : N5020-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-100522

Quant Time: Oct 07 02:28:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

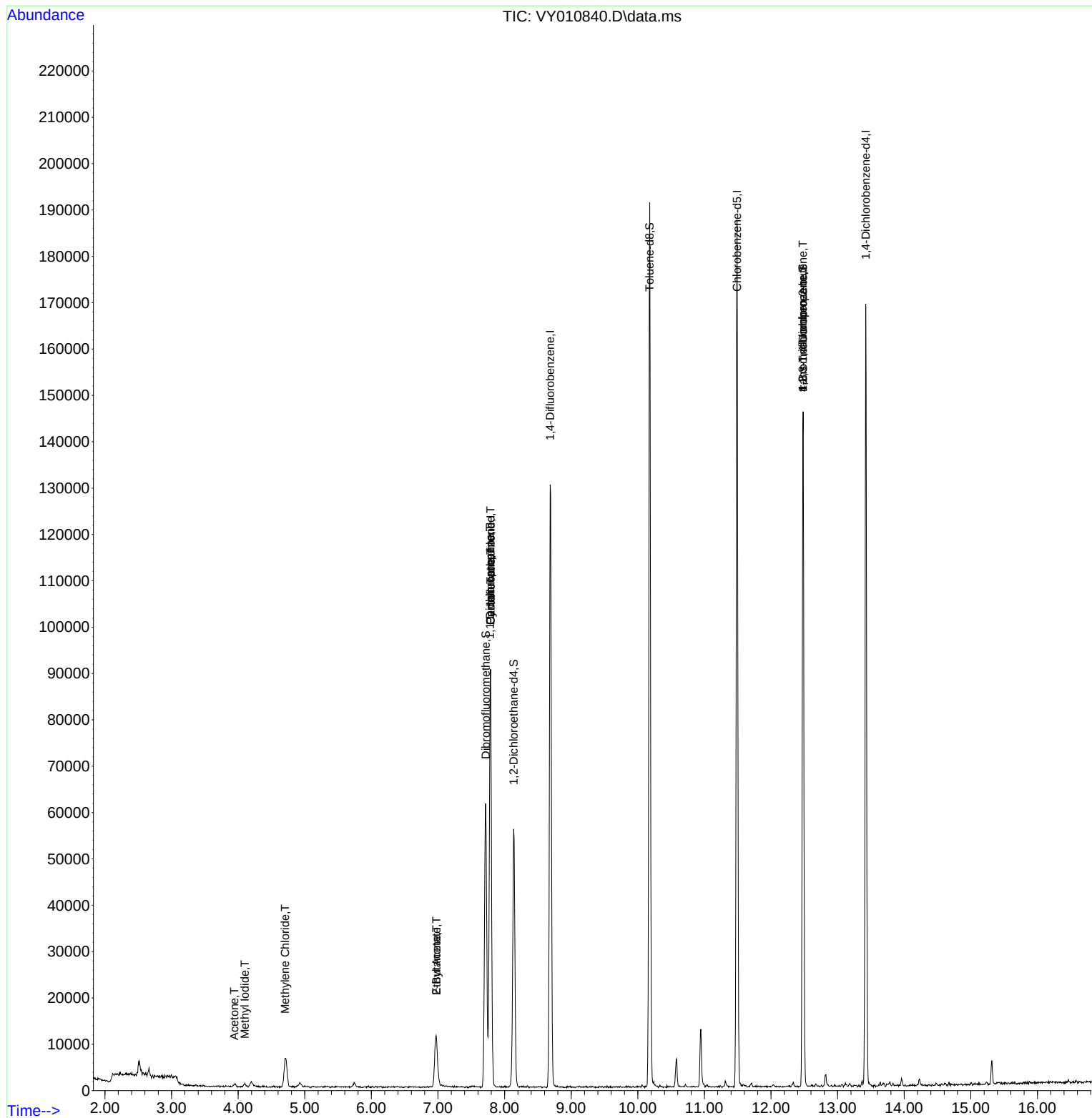
Internal Standards						
1) Pentafluorobenzene	7.789	168	69746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42025	59.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.880%			
35) Dibromofluoromethane	7.716	113	43850	58.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.760%			
50) Toluene-d8	10.179	98	124640	48.523	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.477	95	44033	43.391	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.780%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.101	142	936	1.036	ug/l #	86
11) Tert butyl alcohol	4.924	59	940	Below Cal	#	77
16) Acetone	3.942	43	976	5.436	ug/l	97
20) Methylene Chloride	4.704	84	4899	1.124	ug/l #	75
25) 2-Butanone	6.978	43	858	3.324	ug/l #	54
31) Cyclohexane	7.789	56	1573	1.243	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	5662	5.222	ug/l #	50
37) Ethyl Acetate	6.978	43	858	1.613	ug/l #	1
38) Carbon Tetrachloride	7.789	117	7119	6.304	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	23231	53.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23231	112.368	ug/l #	7

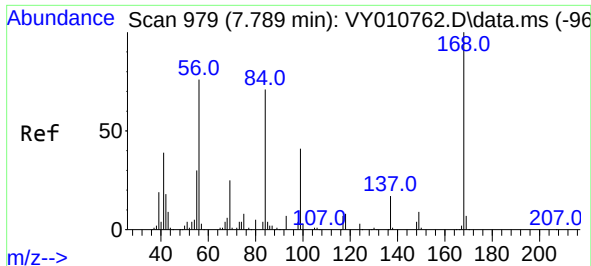
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
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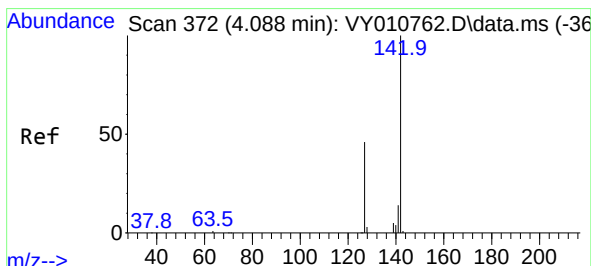
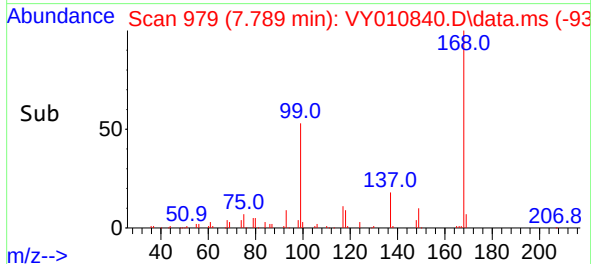
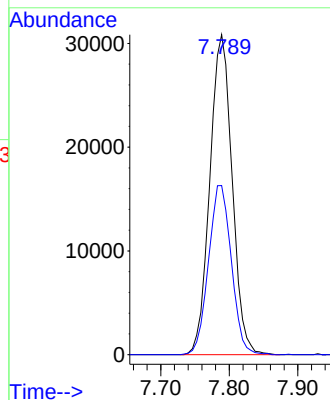
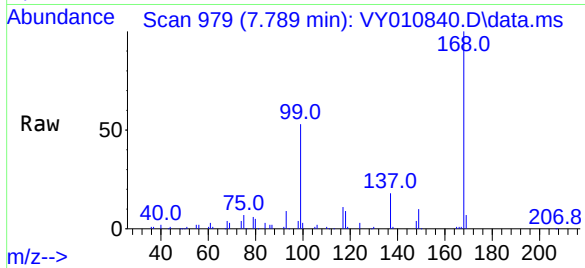




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

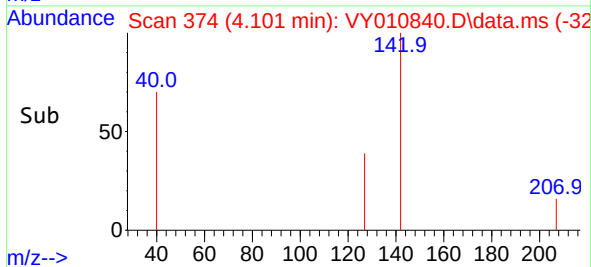
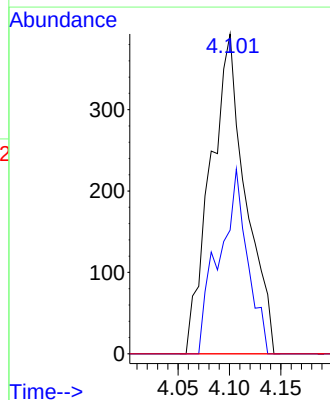
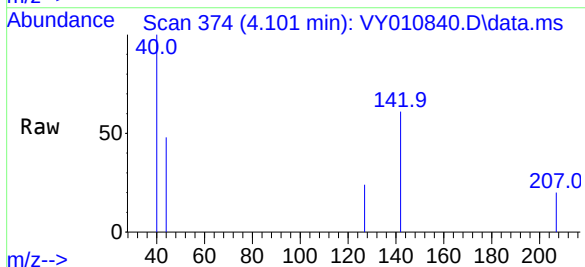
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

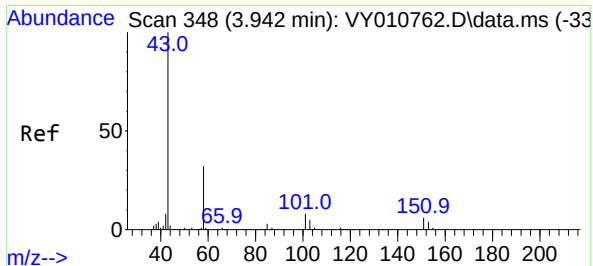
Tgt Ion:168 Resp: 69746
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.036 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
127 46.7 41.5 62.3
141 0.0 11.9 17.9#

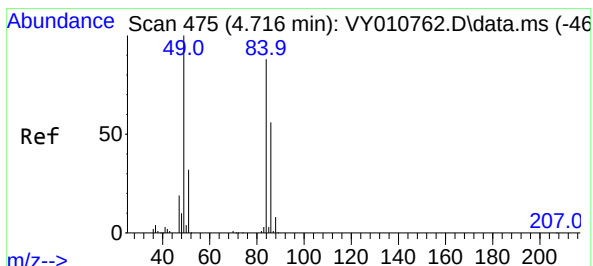
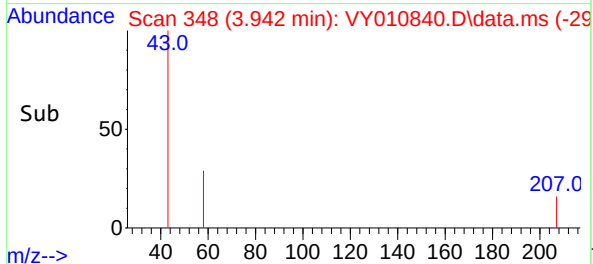
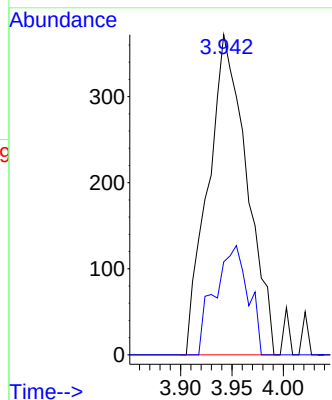
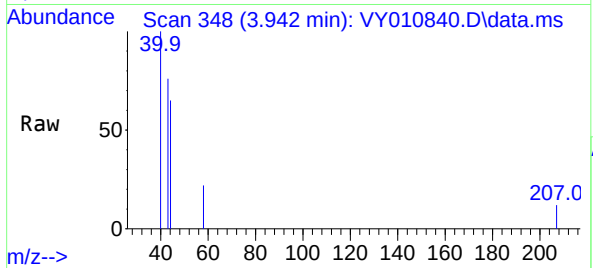




#16
Acetone
Concen: 5.436 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

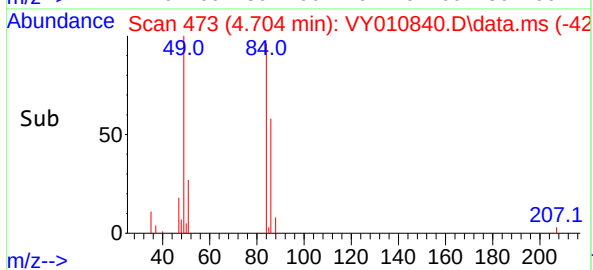
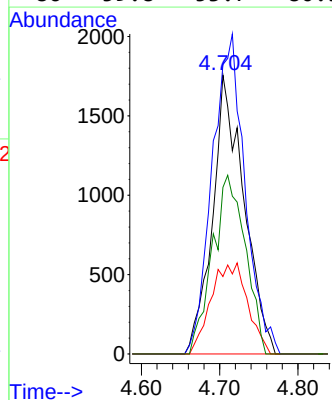
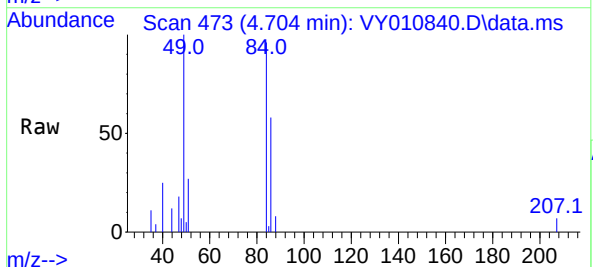
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

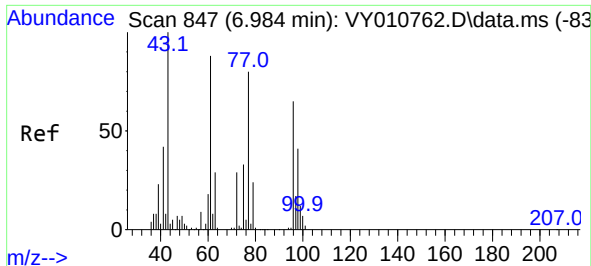
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0



#20
Methylene Chloride
Concen: 1.124 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 84 Resp: 4899
Ion Ratio Lower Upper
84 100
49 103.8 114.4 171.6#
51 27.8 35.3 52.9#
86 59.8 53.7 80.5

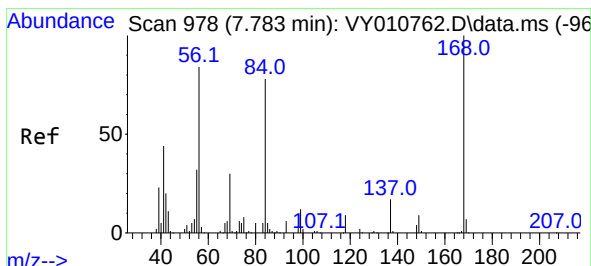
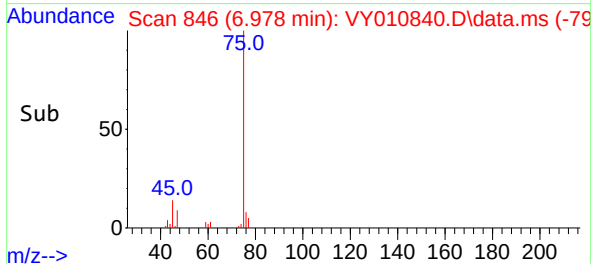
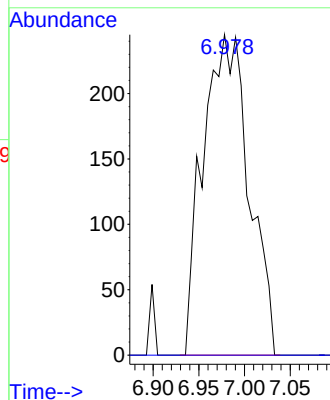
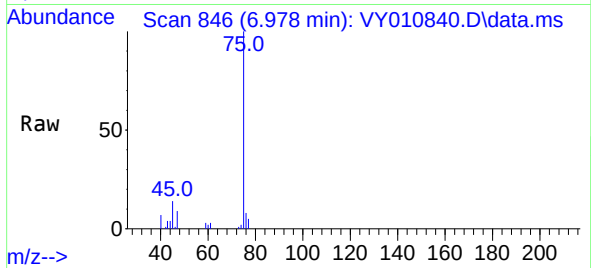




#25
2-Butanone
Concen: 3.324 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

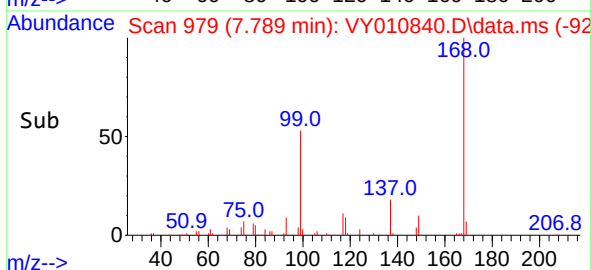
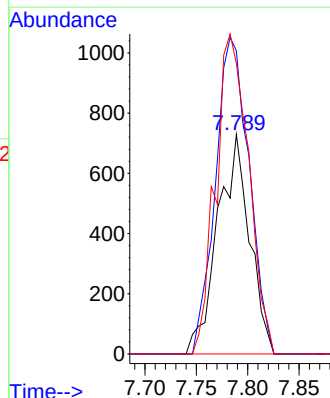
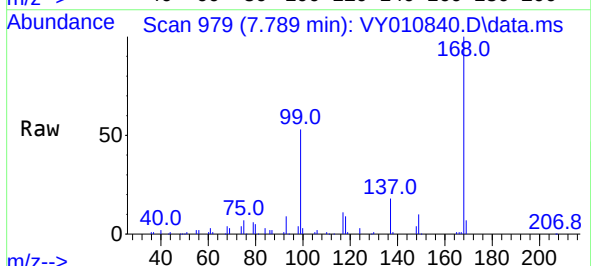
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

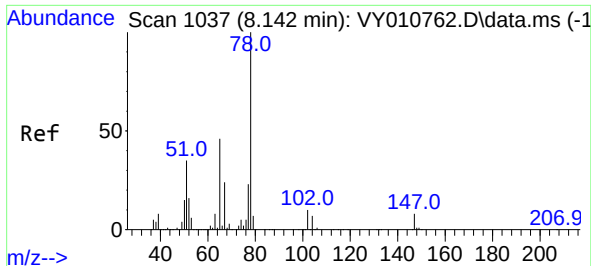
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 56 Resp: 1573
Ion Ratio Lower Upper
56 100
69 138.1 26.7 40.1#
84 132.5 67.2 100.8#

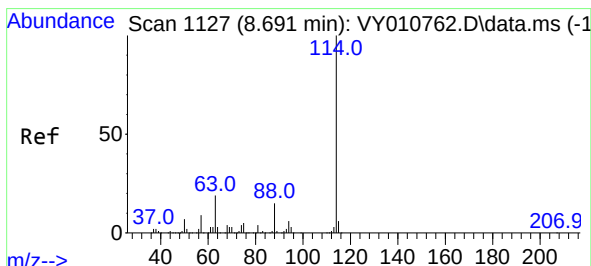
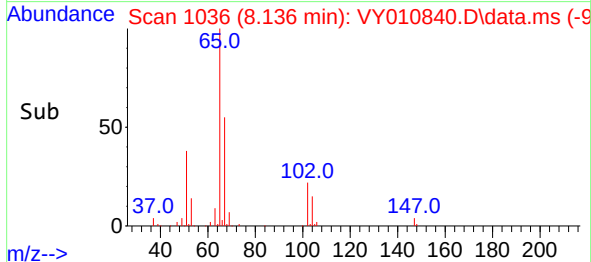
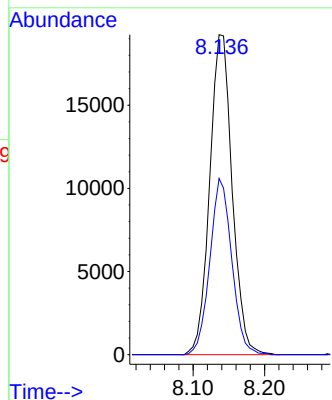
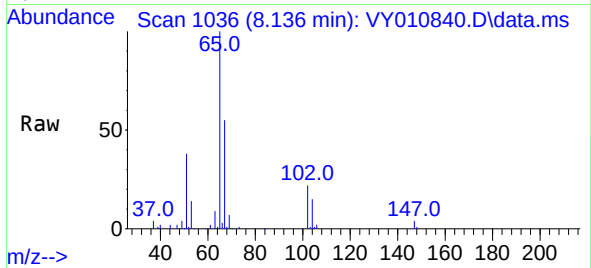




#33
 1,2-Dichloroethane-d4
 Concen: 59.444 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY010840.D
 Acq: 06 Oct 2022 13:29

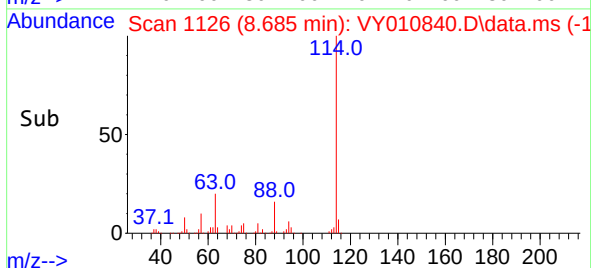
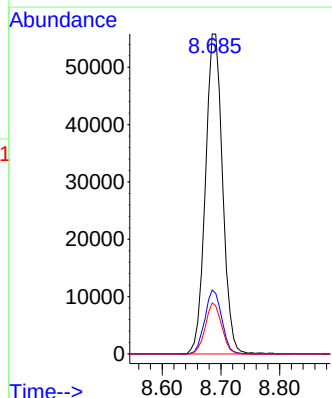
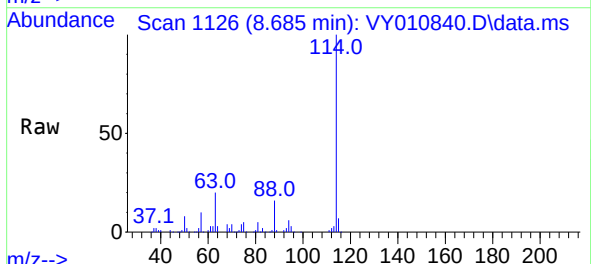
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-100522

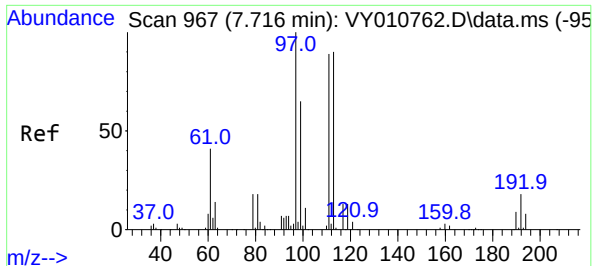
Tgt Ion: 65 Resp: 42025
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010840.D
 Acq: 06 Oct 2022 13:29

Tgt Ion: 114 Resp: 113151
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.2
 88 16.0 0.0 31.8

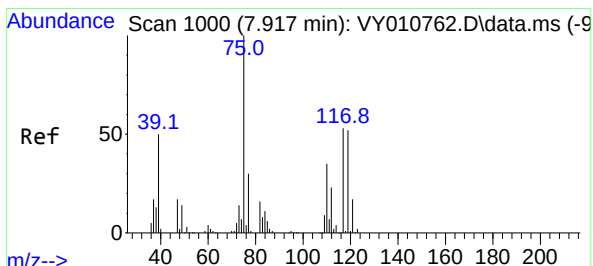
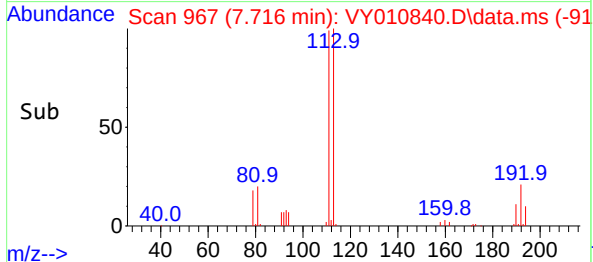
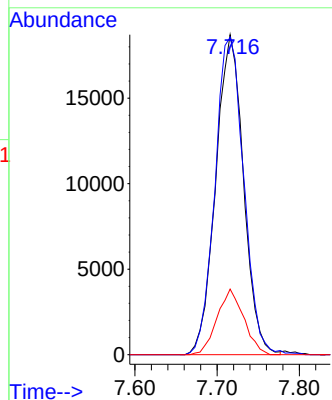
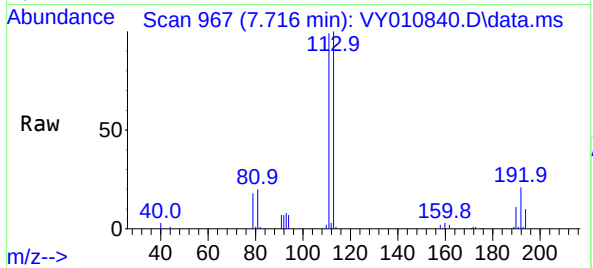




#35
Dibromofluoromethane
Concen: 58.381 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

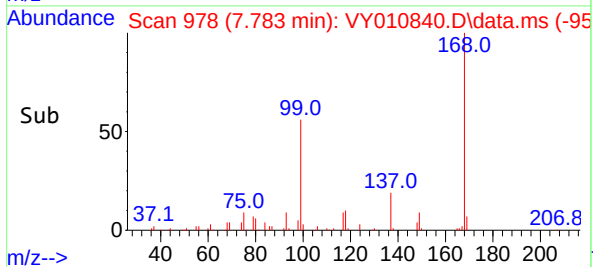
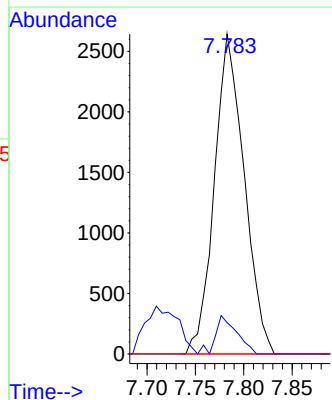
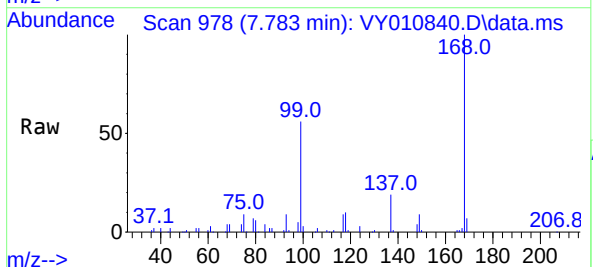
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

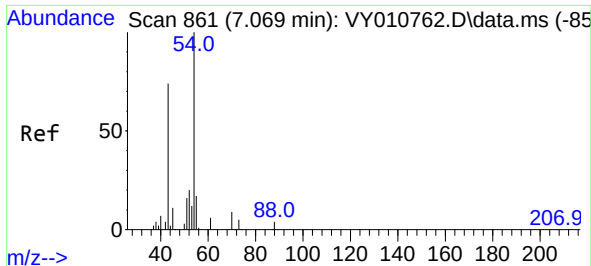
Tgt Ion:113 Resp: 43850
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 75 Resp: 5662
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.613 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY010840.D

Acq: 06 Oct 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

TR-5-100522

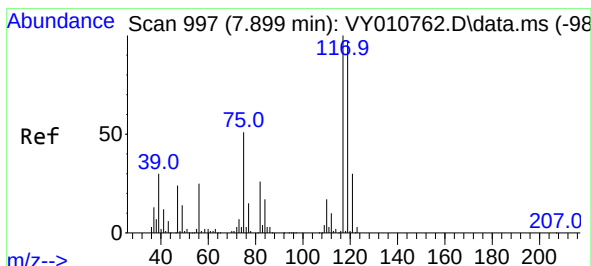
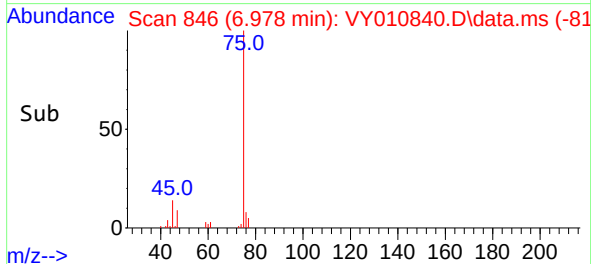
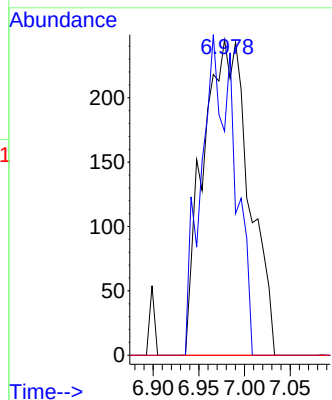
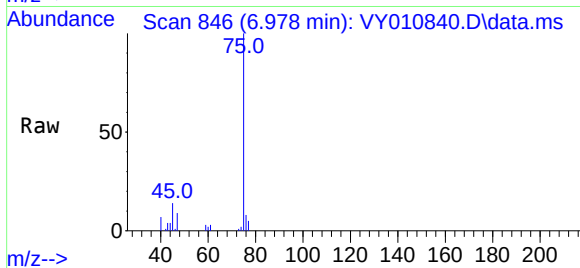
Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

61 73.1 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.304 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010840.D

Acq: 06 Oct 2022 13:29

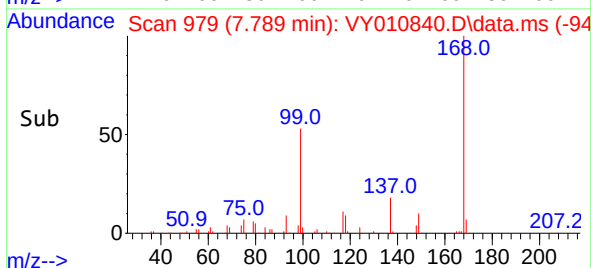
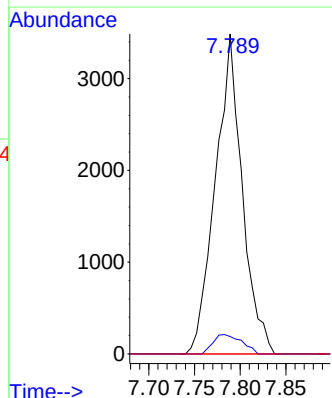
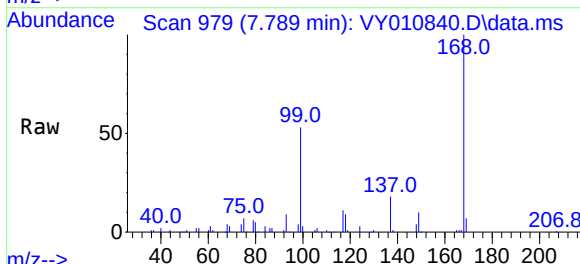
Tgt Ion: 117 Resp: 7119

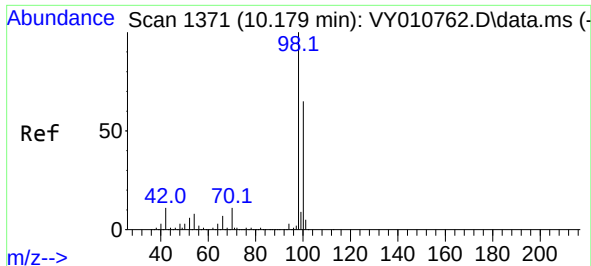
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

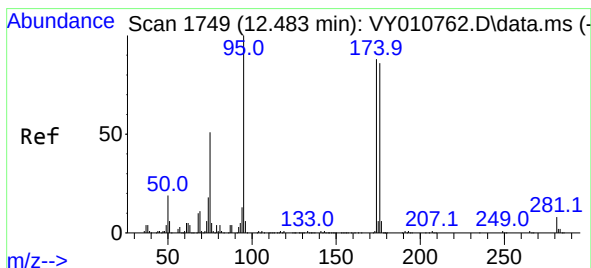
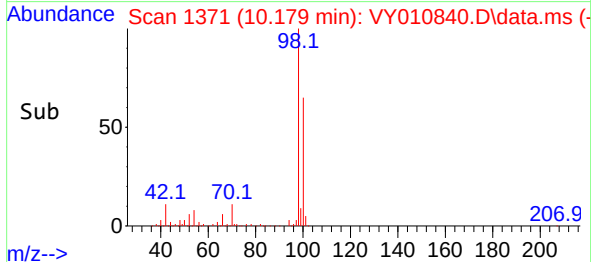
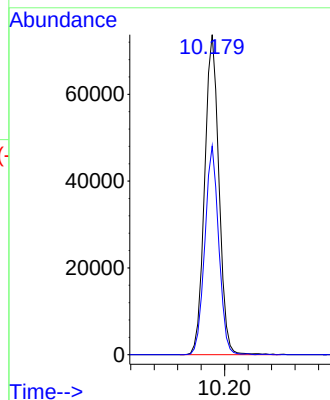
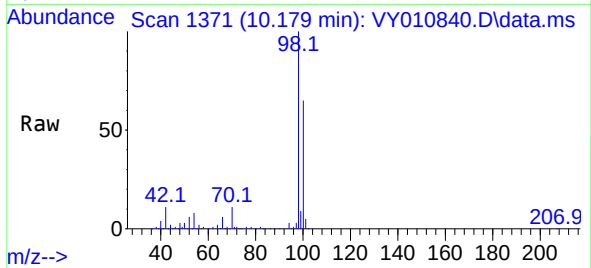




#50
Toluene-d8
Concen: 48.523 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

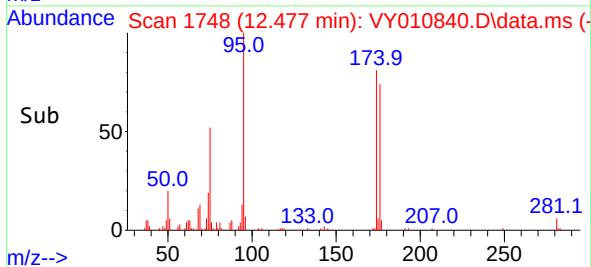
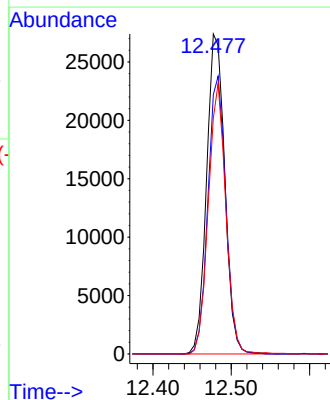
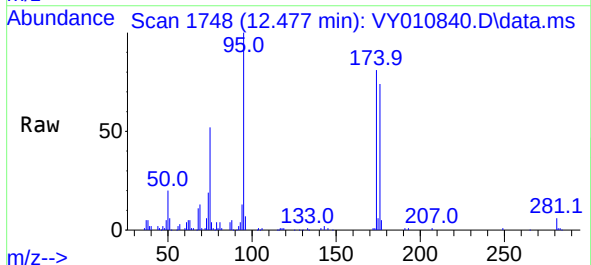
Instrument :
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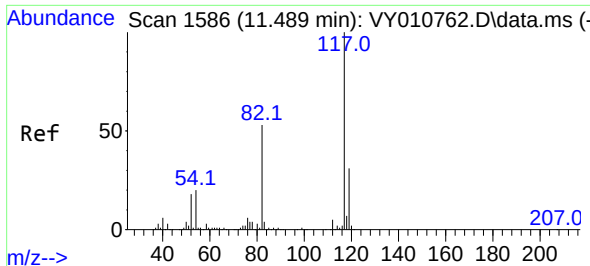
Tgt Ion: 98 Resp: 124640
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.391 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 95 Resp: 44033
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.4 0.0 175.8

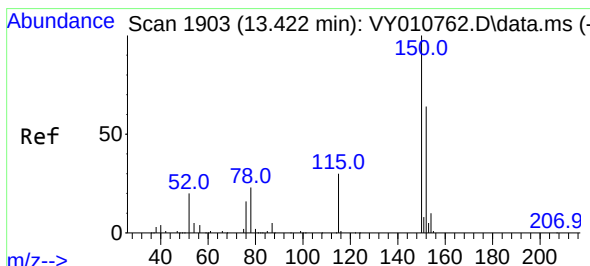
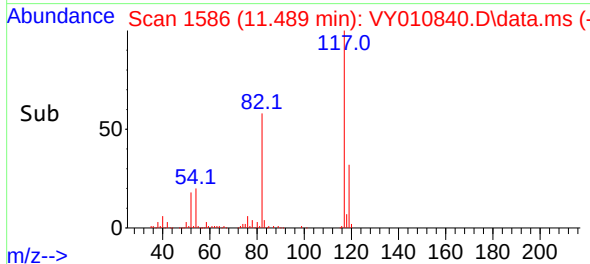
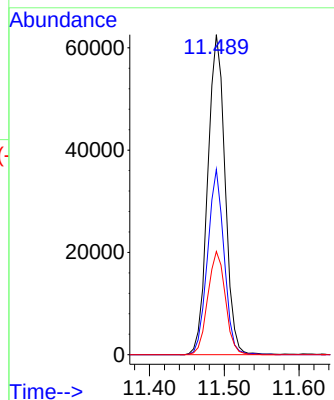
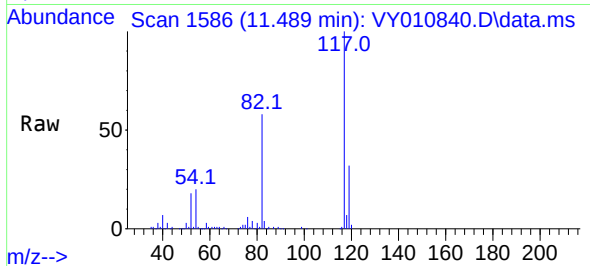




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

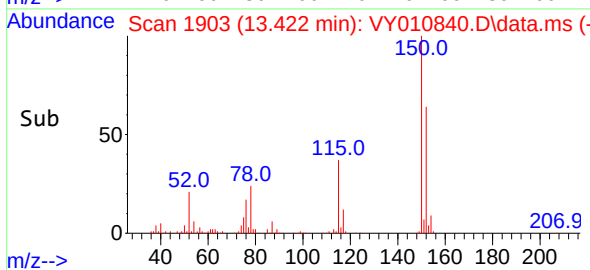
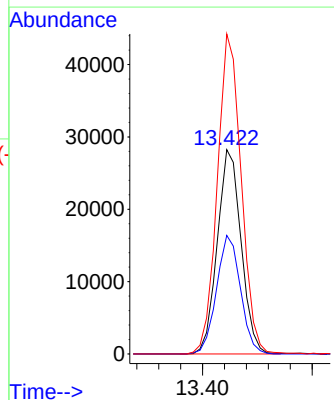
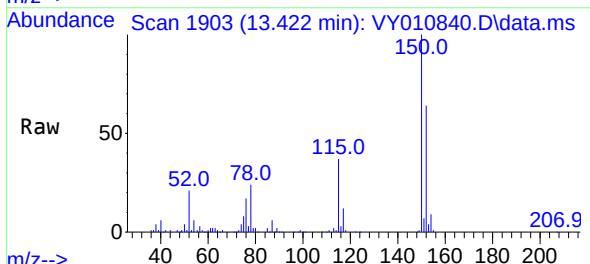
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

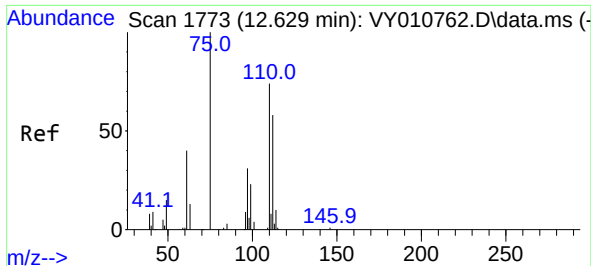
Tgt Ion:117 Resp: 100831
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion:152 Resp: 42645
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.1 0.0 347.6

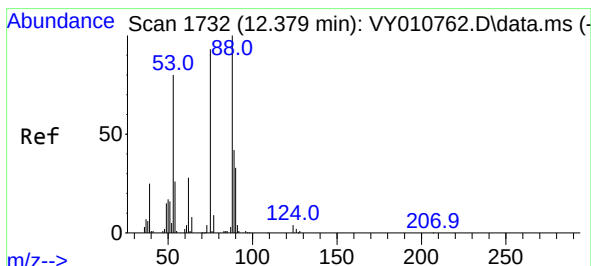
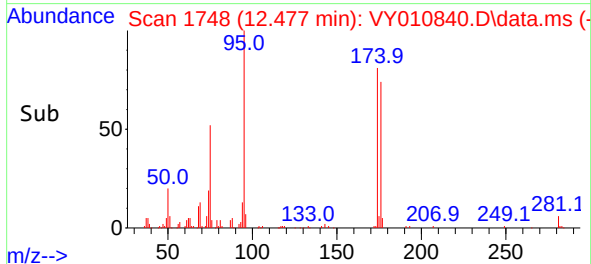
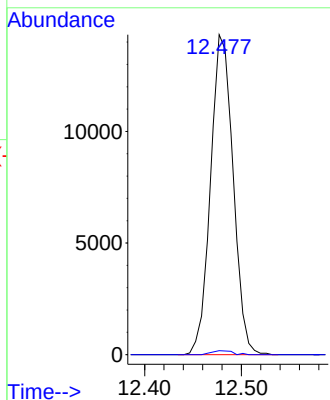
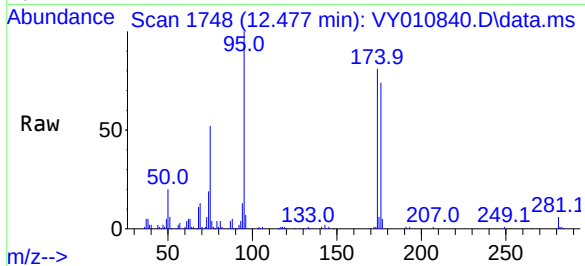




#76
1,2,3-Trichloropropane
Concen: 53.793 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
TR-5-100522

Tgt Ion: 75 Resp: 23231
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.368 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010840.D
Acq: 06 Oct 2022 13:29

Tgt Ion: 75 Resp: 23231
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

