

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007166.D
 Acq On : 14 Jan 2022 14:10
 Operator : SY/MD
 Sample : N1099-09
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 04:52:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

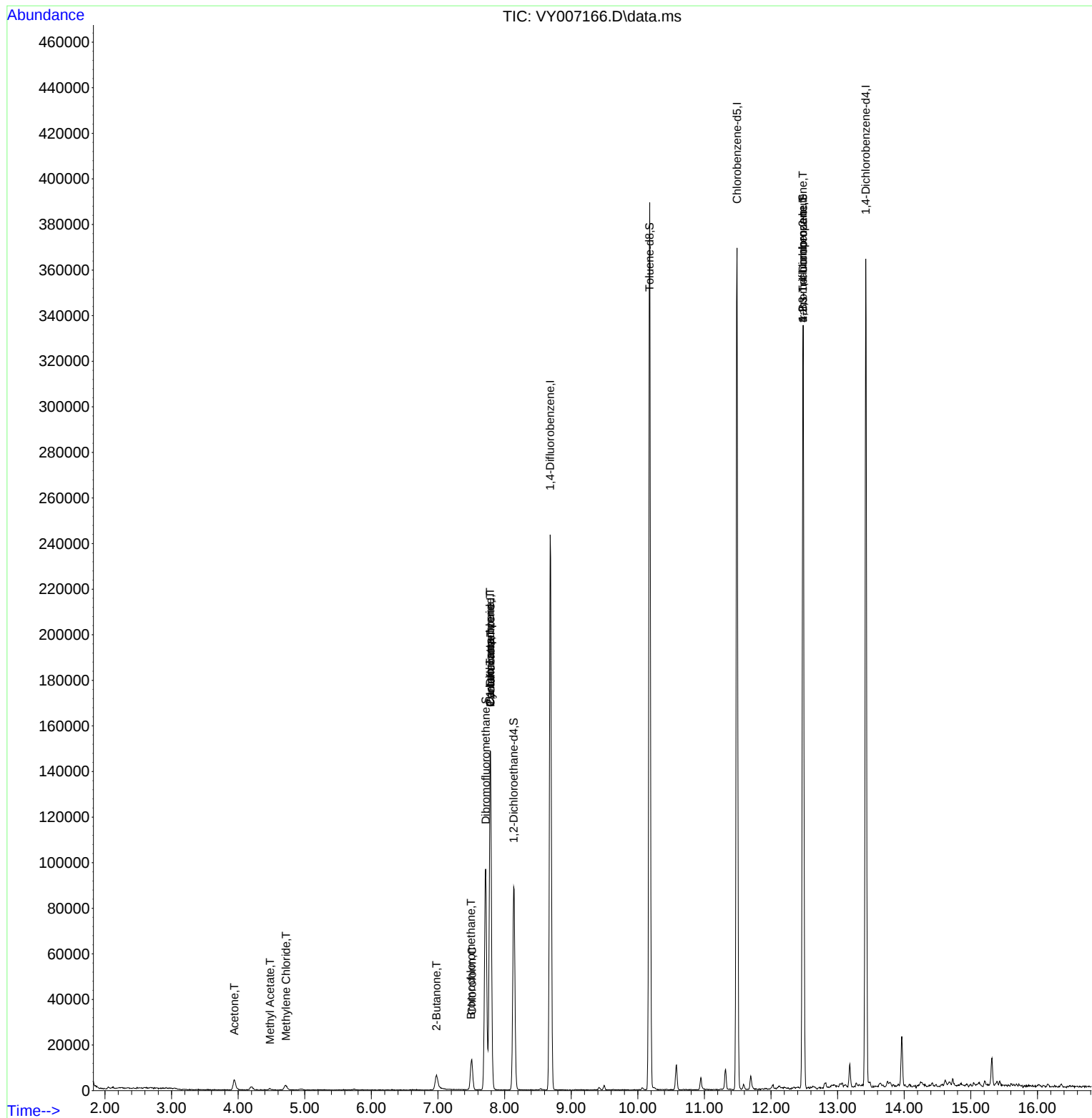
Internal Standards						
1) Pentafluorobenzene	7.789	168	108116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72444	54.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.716	113	68655	49.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.720%	
50) Toluene-d8	10.179	98	247582	49.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.477	95	94310	52.700	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	487	Below Cal	#	73
16) Acetone	3.942	43	8184	23.771	ug/l	93
18) Methyl Acetate	4.479	43	1247	1.018	ug/l #	66
20) Methylene Chloride	4.716	84	1671	1.174	ug/l	91
25) 2-Butanone	6.978	43	646	1.451	ug/l #	47
28) Bromochloromethane	7.496	49	1107	1.266	ug/l #	11
30) Chloroform	7.509	83	13335	5.309	ug/l	92
31) Cyclohexane	7.789	56	2648	1.181	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	9832	4.471	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11880	5.136	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	51155	52.450	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51155	96.022	ug/l #	3

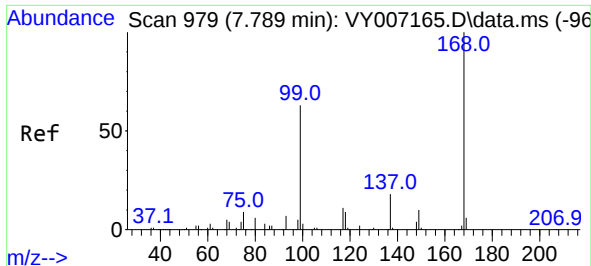
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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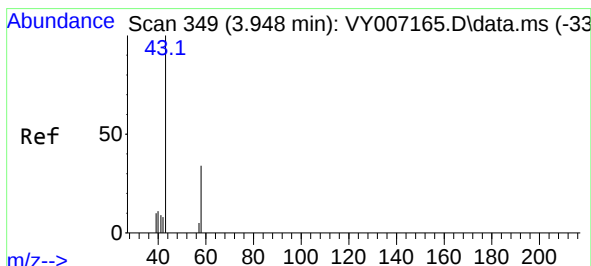
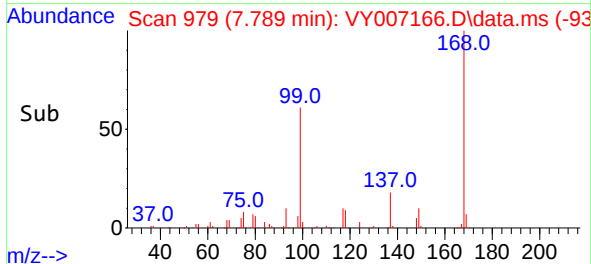
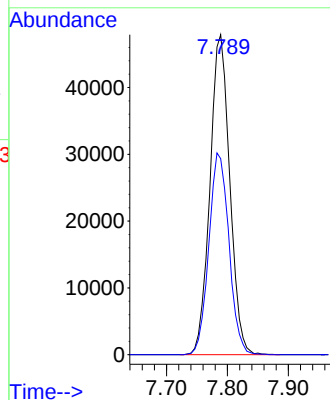
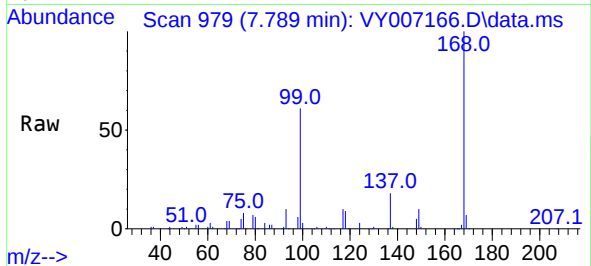




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

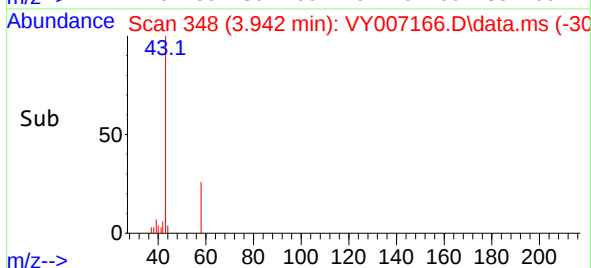
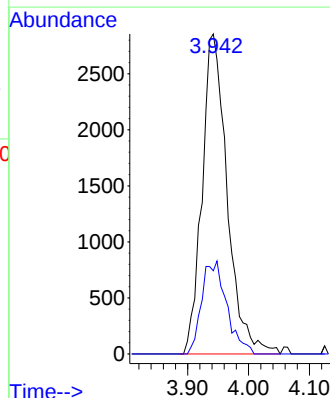
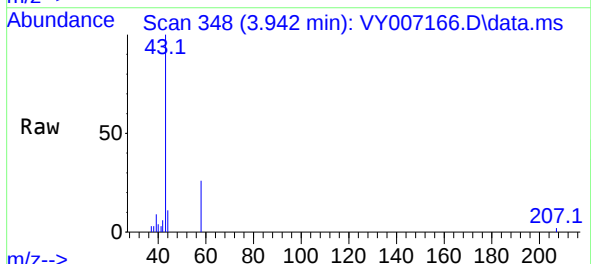
Instrument :
MSVOA_Y
ClientSampleId :

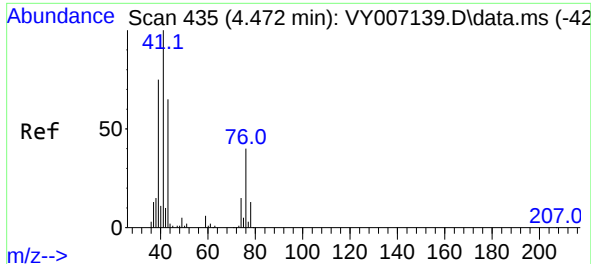
Tgt Ion:168 Resp: 108116
Ion Ratio Lower Upper
168 100
99 61.2 49.1 73.7



#16
Acetone
Concen: 23.771 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion: 43 Resp: 8184
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.6





#18

Methyl Acetate

Concen: 1.018 ug/l

RT: 4.479 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY007166.D

Acq: 14 Jan 2022 14:10

Instrument :

MSVOA_Y

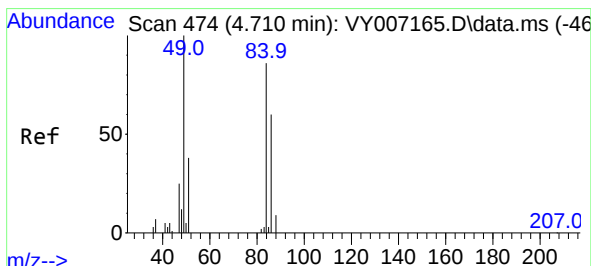
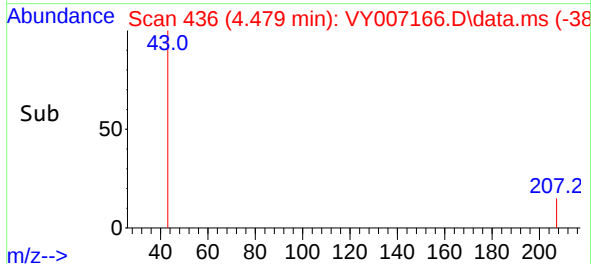
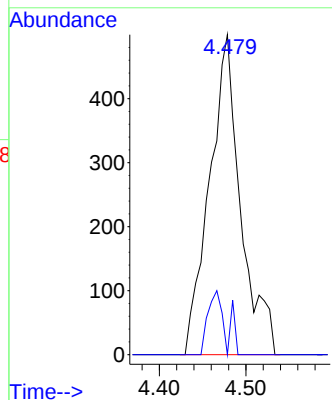
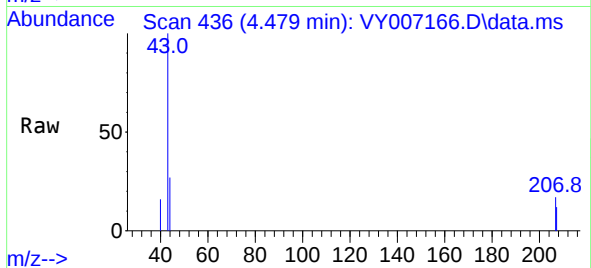
ClientSampleId :

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

74 9.0 20.9 31.3#



#20

Methylene Chloride

Concen: 1.174 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.007 min

Lab File: VY007166.D

Acq: 14 Jan 2022 14:10

Tgt Ion: 84 Resp: 1671

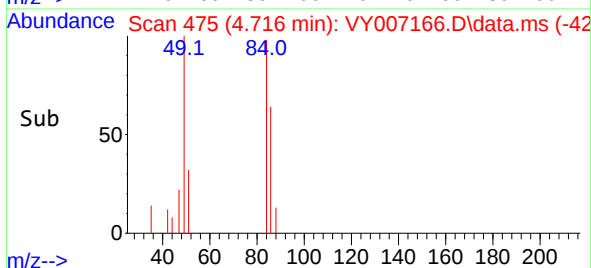
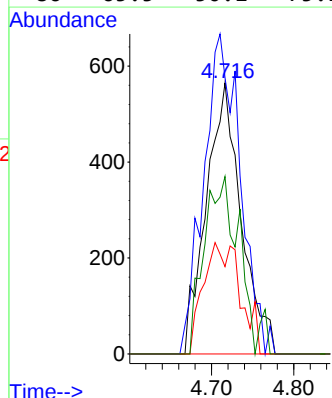
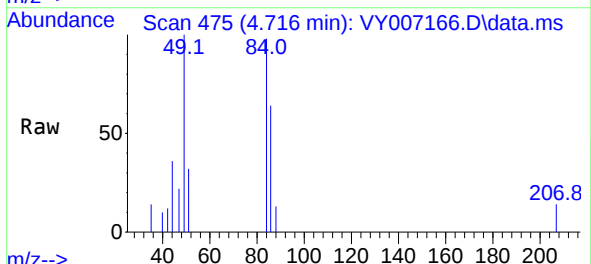
Ion Ratio Lower Upper

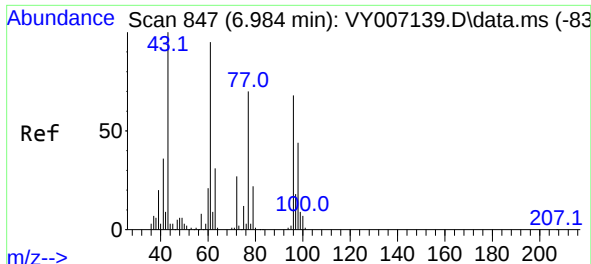
84 100

49 101.9 92.6 139.0

51 32.2 28.6 42.8

86 65.5 50.1 75.1





#25

2-Butanone

Concen: 1.451 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

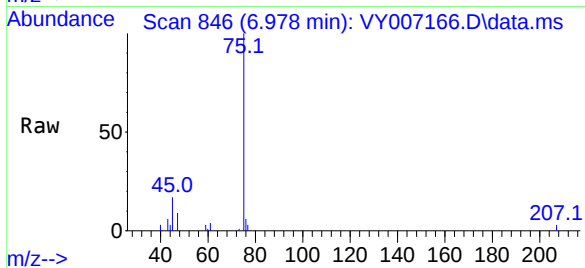
Lab File: VY007166.D

Acq: 14 Jan 2022 14:10

Instrument :

MSVOA_Y

ClientSampleId :

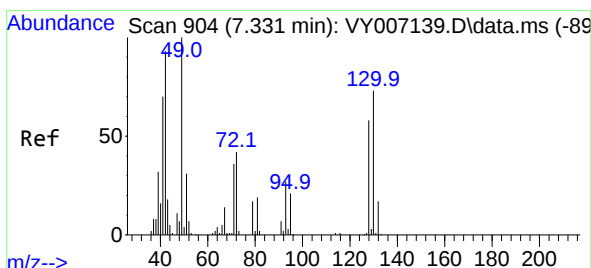
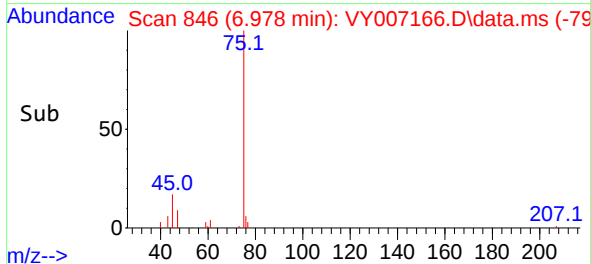
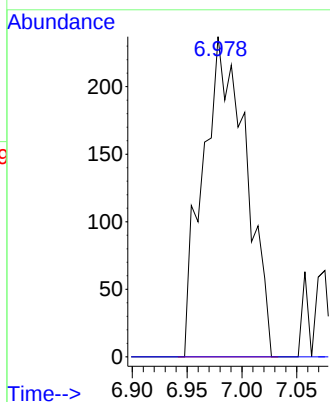


Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#28

Bromochloromethane

Concen: 1.266 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.165 min

Lab File: VY007166.D

Acq: 14 Jan 2022 14:10

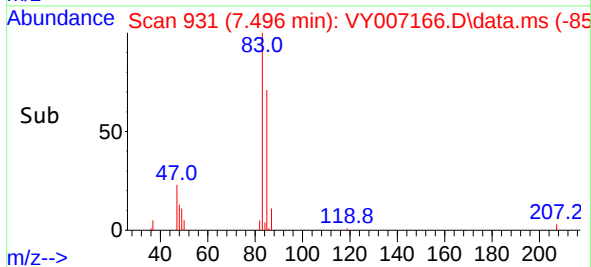
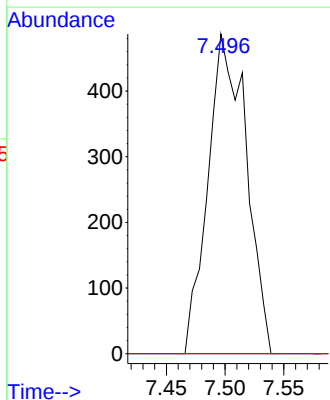
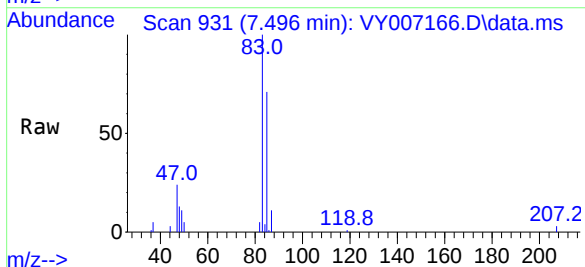
Tgt Ion: 49 Resp: 1107

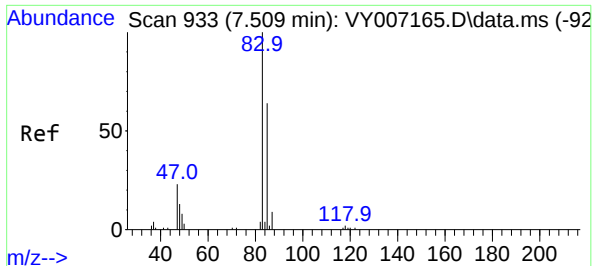
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 65.0 97.4#

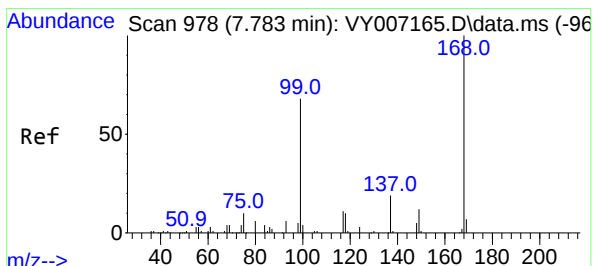
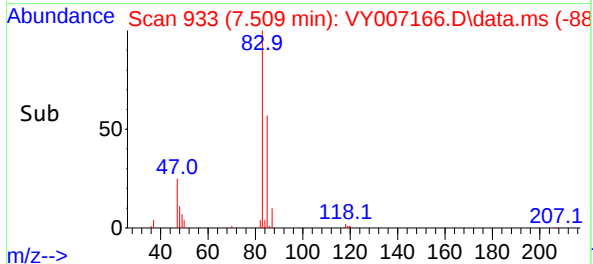
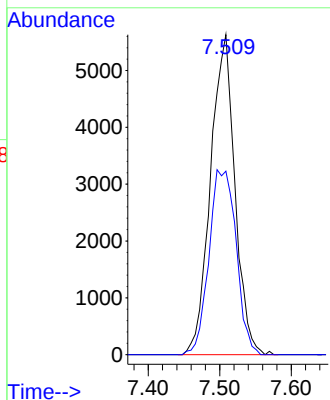
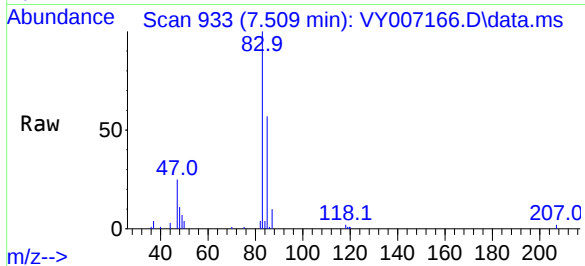




#30
Chloroform
Concen: 5.309 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

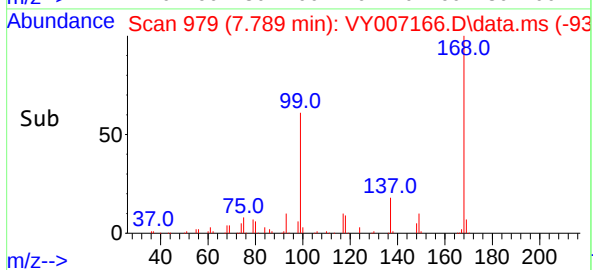
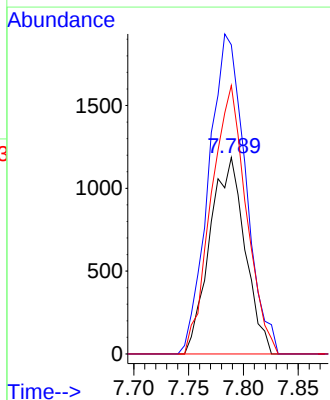
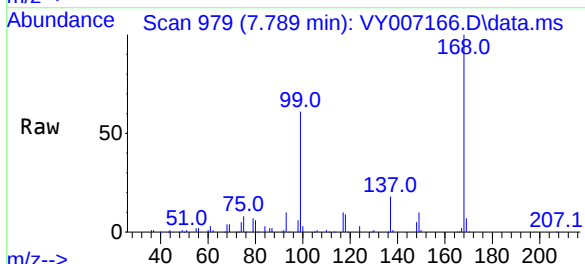
Instrument :
MSVOA_Y
ClientSampleId :

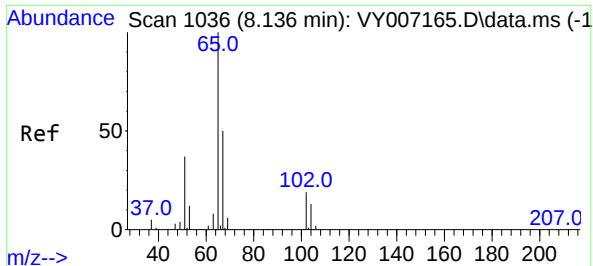
Tgt Ion: 83 Resp: 13335
Ion Ratio Lower Upper
83 100
85 57.4 50.9 76.3



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion: 56 Resp: 2648
Ion Ratio Lower Upper
56 100
69 157.3 27.2 40.8#
84 136.7 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 54.609 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY007166.D

Acq: 14 Jan 2022 14:10

Instrument :

MSVOA_Y

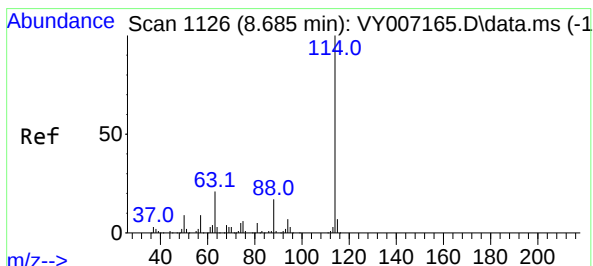
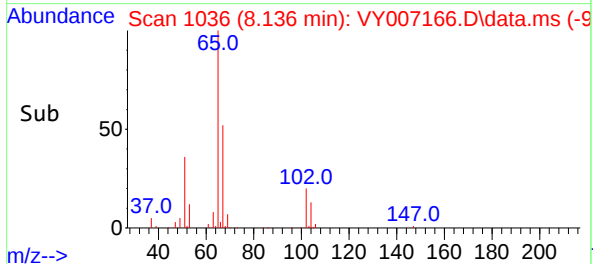
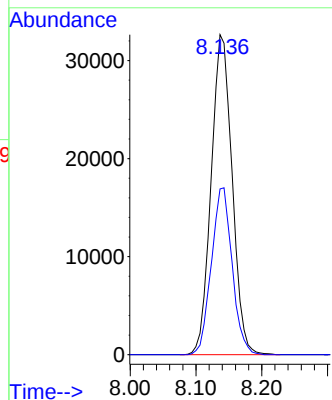
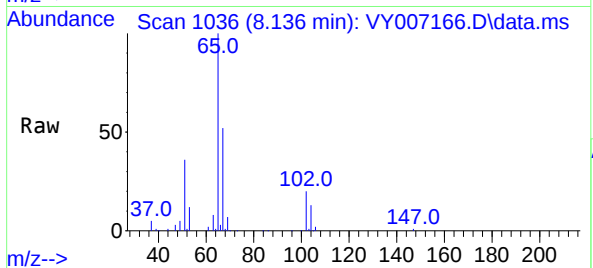
ClientSampleId :

Tgt Ion: 65 Resp: 72444

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007166.D

Acq: 14 Jan 2022 14:10

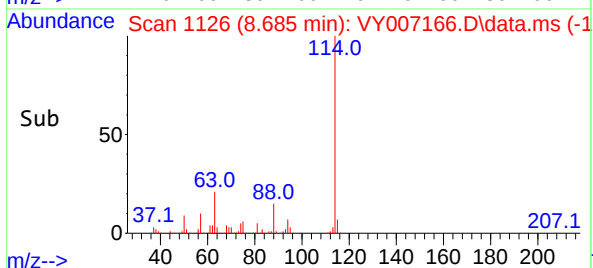
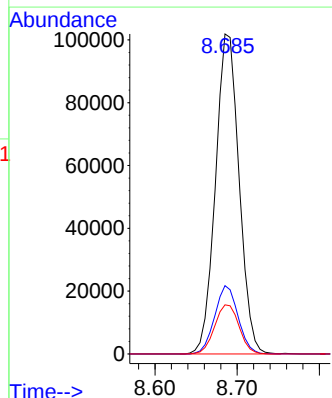
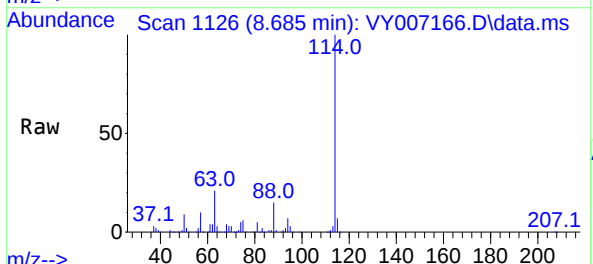
Tgt Ion: 114 Resp: 203617

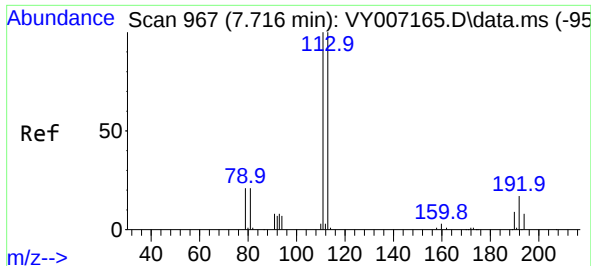
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.2

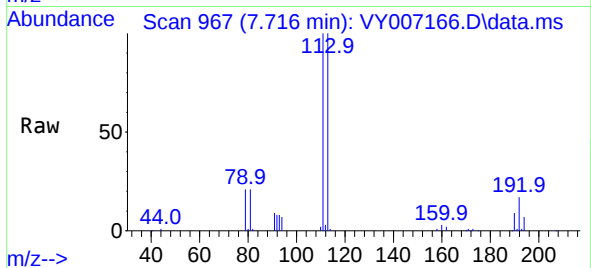
88 15.3 0.0 31.0



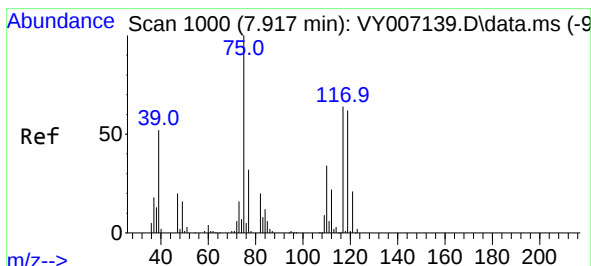
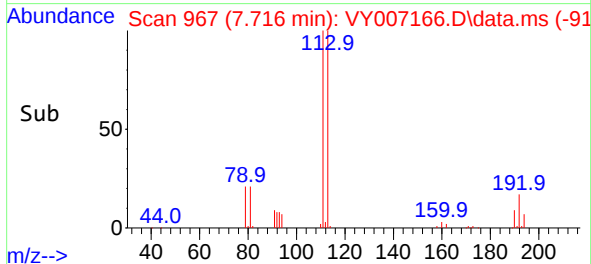
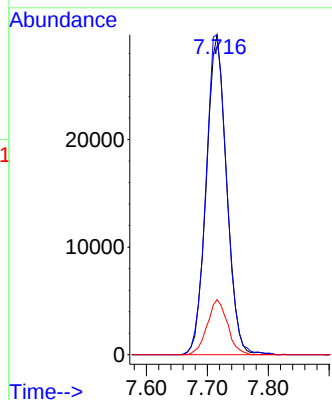


#35
Dibromofluoromethane
Concen: 49.865 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Instrument :
MSVOA_Y
ClientSampleId :

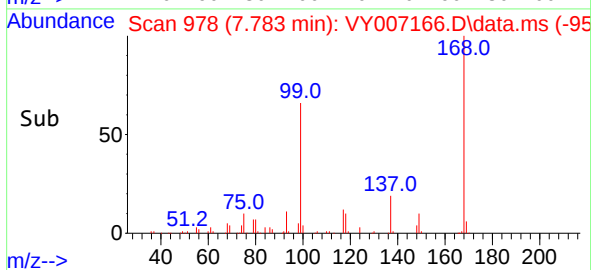
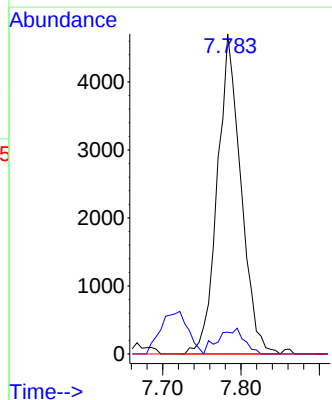
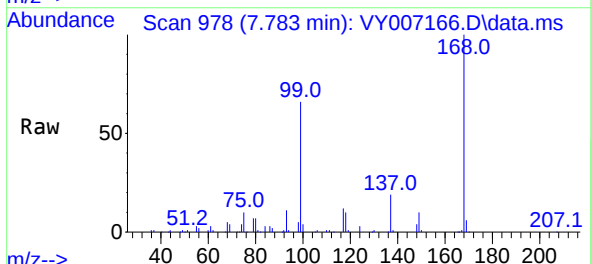


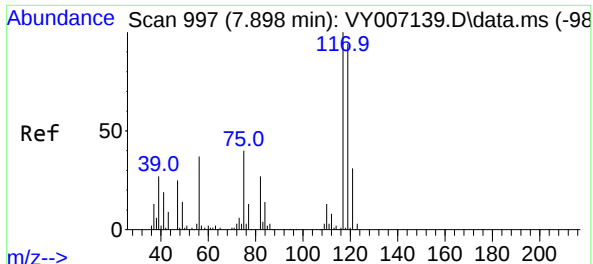
Tgt Ion:113 Resp: 68655
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

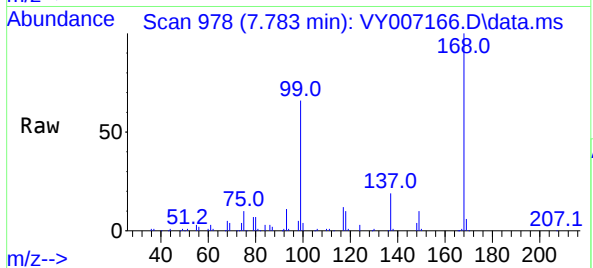
Tgt Ion: 75 Resp: 9832
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.9#
77 0.0 24.7 37.1#



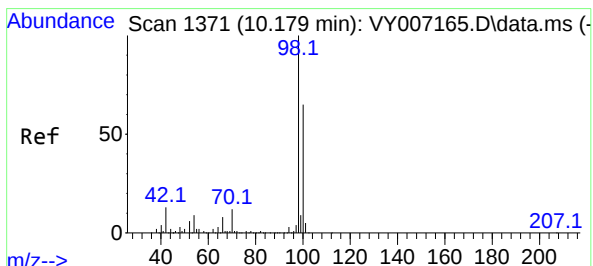
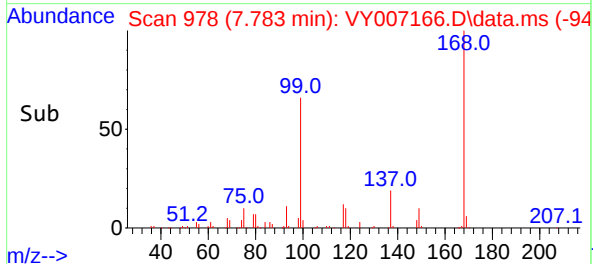
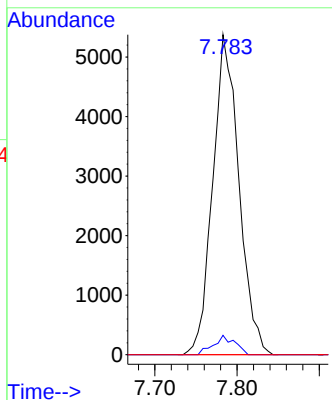


#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Instrument :
MSVOA_Y
ClientSampleId :

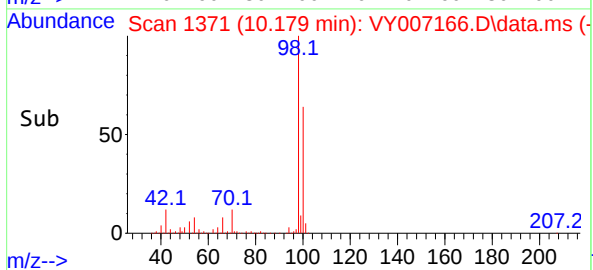
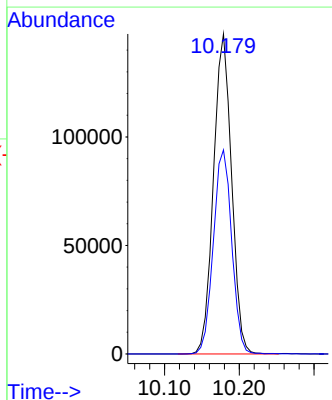
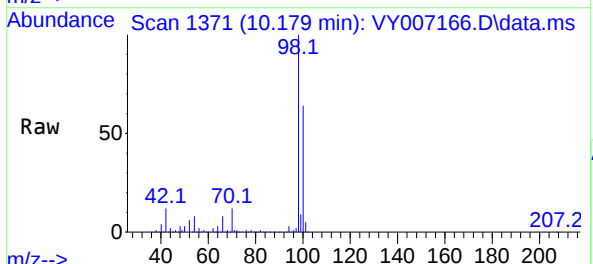


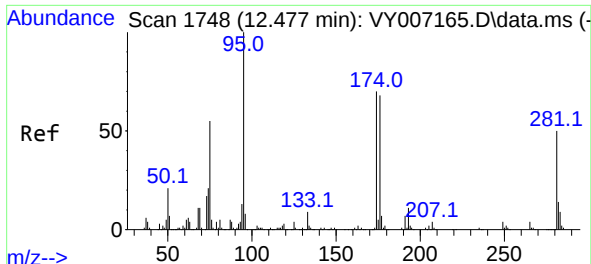
Tgt Ion:117 Resp: 11880
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

Tgt Ion: 98 Resp: 247582
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

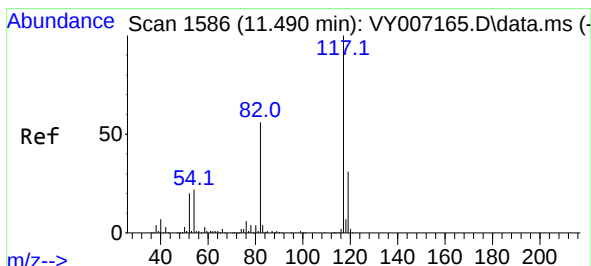
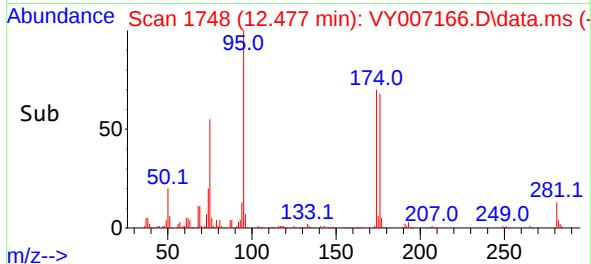
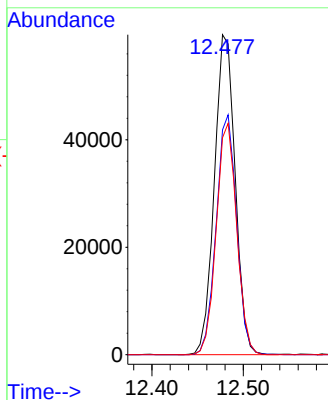
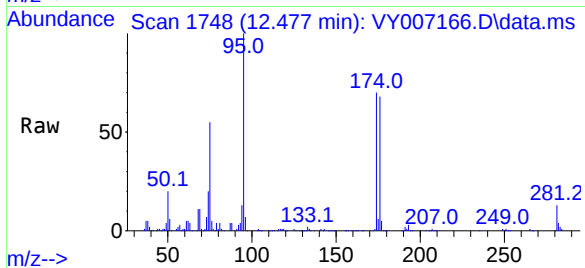




#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

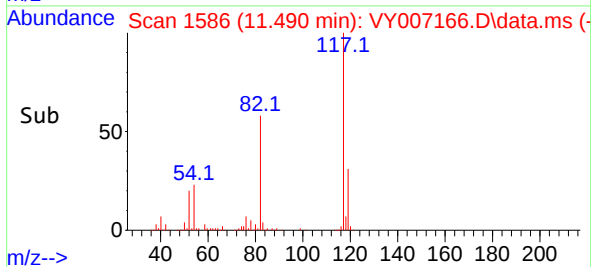
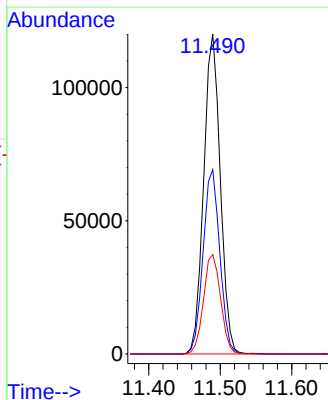
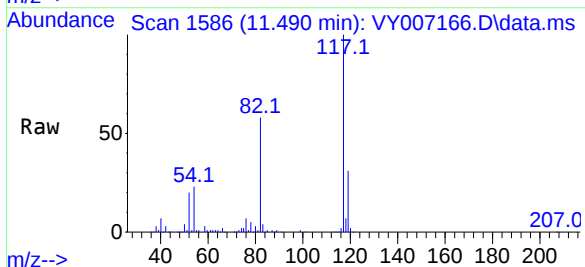
Instrument :
MSVOA_Y
ClientSampleId :

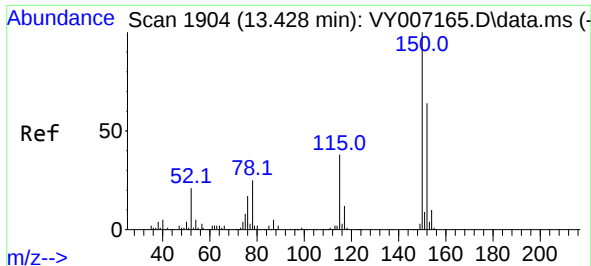
Tgt Ion: 95 Resp: 94310
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.4
176 70.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007166.D
Acq: 14 Jan 2022 14:10

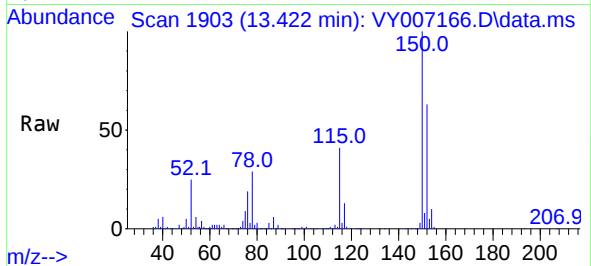
Tgt Ion: 117 Resp: 193500
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 31.0 26.4 39.6



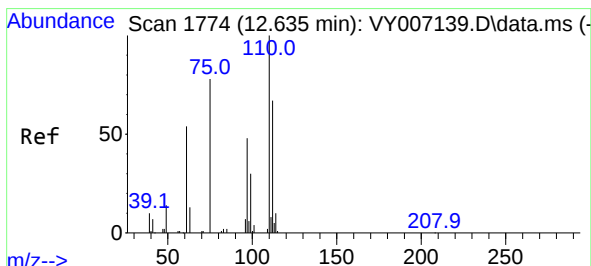
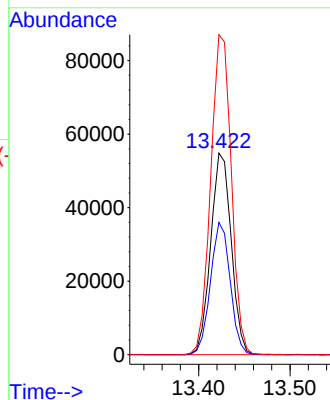
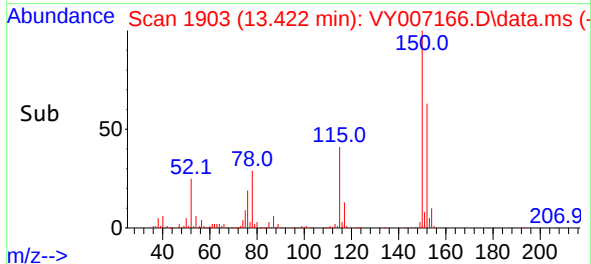


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY007166.D
 Acq: 14 Jan 2022 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :

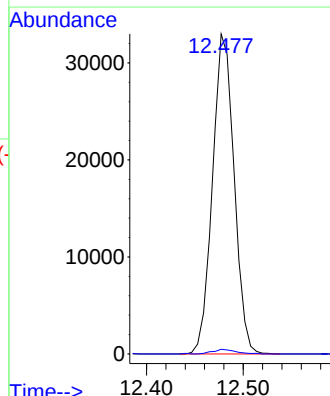
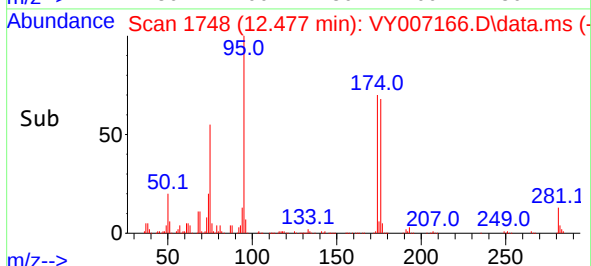
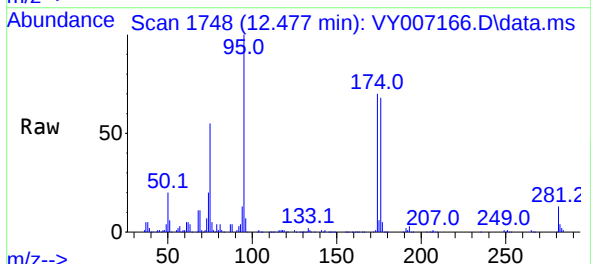


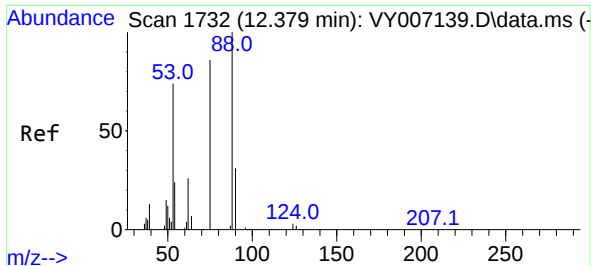
Tgt Ion:152 Resp: 85533
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.0
 150 159.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.450 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY007166.D
 Acq: 14 Jan 2022 14:10

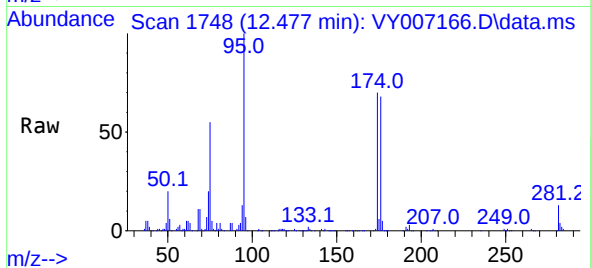
Tgt Ion: 75 Resp: 51155
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.022 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007166.D
 Acq: 14 Jan 2022 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 51155
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.4 0.0 0.0#

