

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011580.D
 Acq On : 23 Nov 2022 17:08
 Operator : KP/MD
 Sample : N5758-01
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:38:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

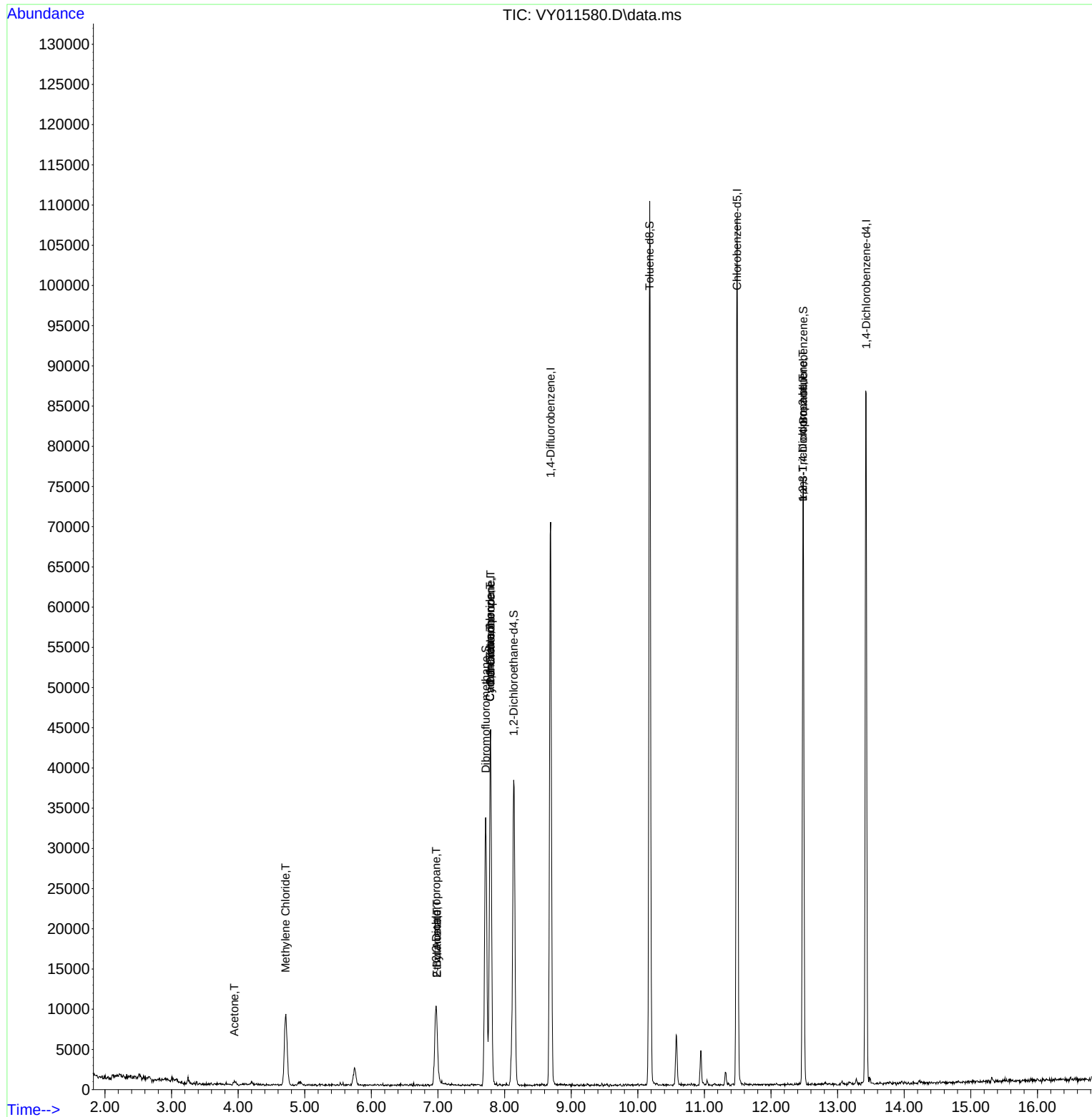
Internal Standards						
1) Pentafluorobenzene	7.789	168	32808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29134	87.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.920%#	
35) Dibromofluoromethane	7.716	113	23913	66.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.560%	
50) Toluene-d8	10.179	98	71995	54.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.820%	
62) 4-Bromofluorobenzene	12.483	95	21929	45.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.480%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	136	Below Cal	#	44
5) Bromomethane	2.668	94	160	Below Cal	#	33
11) Tert butyl alcohol	4.936	59	53	Below Cal	#	77
16) Acetone	3.942	43	592	5.471	ug/l #	68
18) Methyl Acetate	4.204	43	64	Below Cal	#	56
20) Methylene Chloride	4.710	84	6331	6.151	ug/l #	81
25) 2-Butanone	6.984	43	829	5.829	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	729	1.218	ug/l #	55
31) Cyclohexane	7.783	56	794	1.438	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	2860	5.071	ug/l #	46
37) Ethyl Acetate	6.984	43	829	2.582	ug/l #	72
38) Carbon Tetrachloride	7.783	117	3286	5.208	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	11497	45.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11497	100.083	ug/l #	7

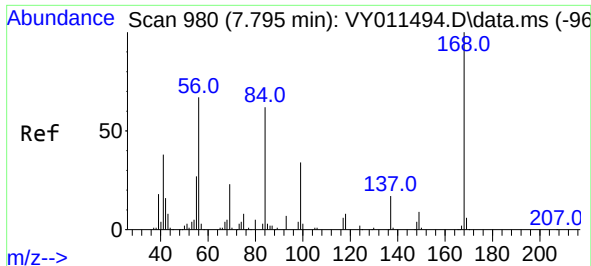
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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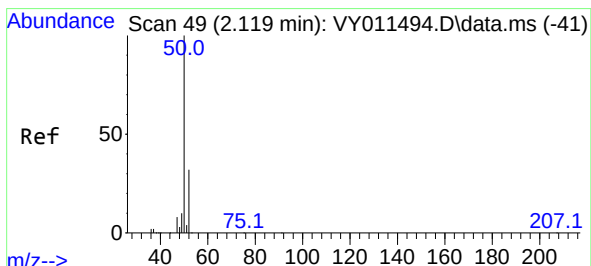
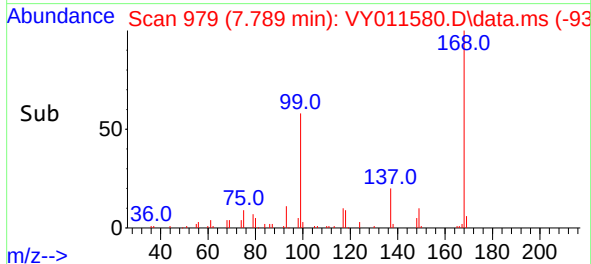
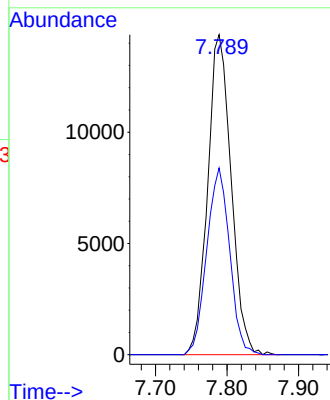
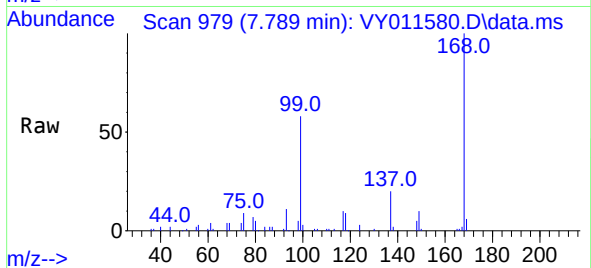




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

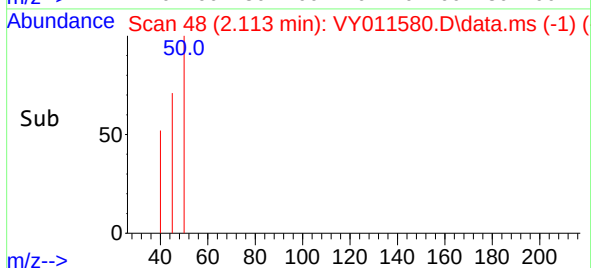
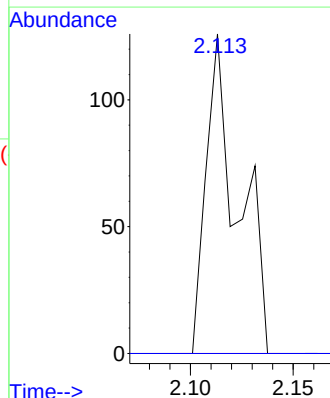
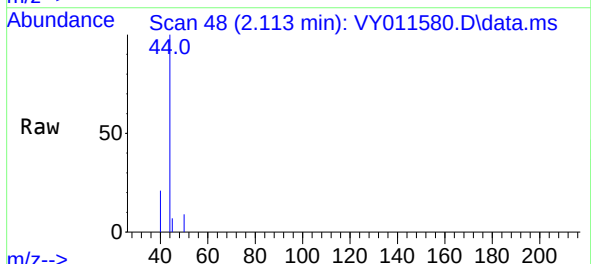
Instrument :
MSVOA_Y
ClientSampleId :

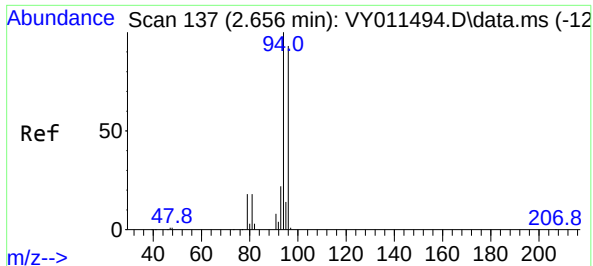
Tgt Ion:168 Resp: 32808
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Tgt Ion: 50 Resp: 136
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

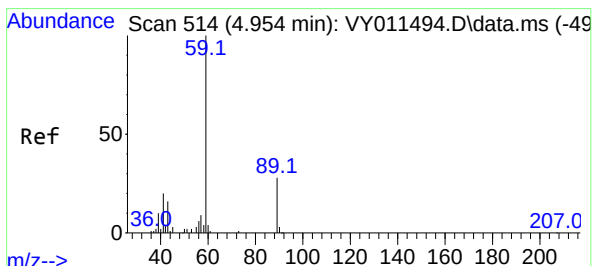
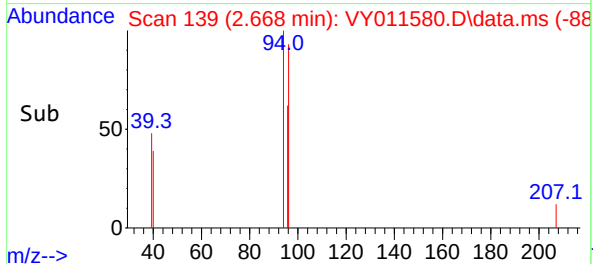
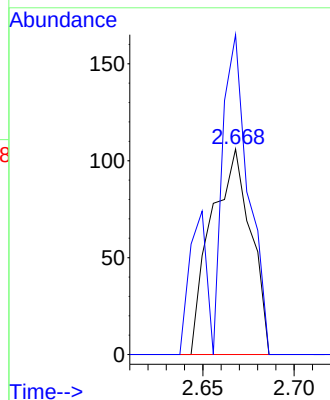
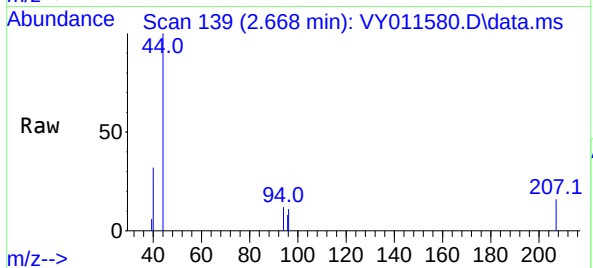




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

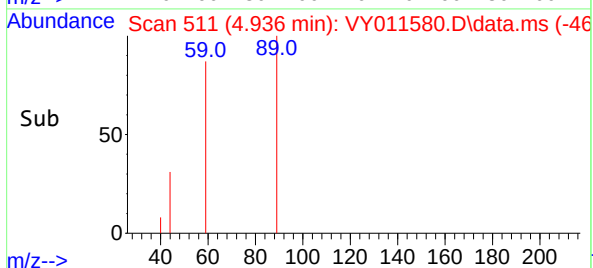
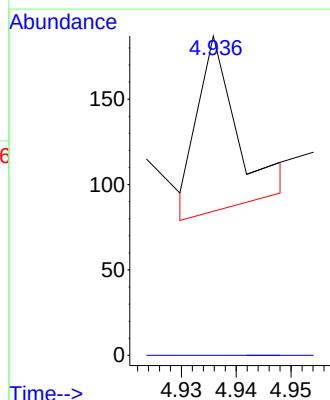
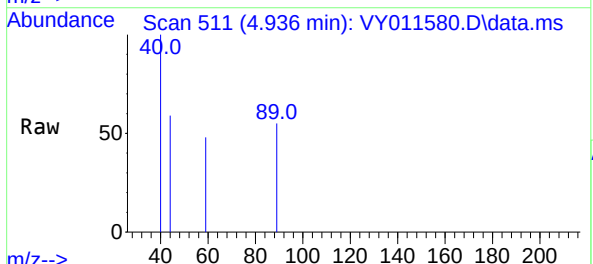
Instrument :
MSVOA_Y
ClientSampleId :

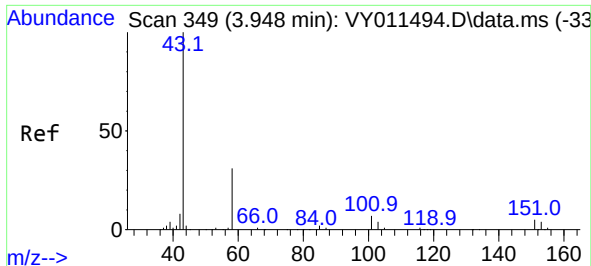
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 155.7 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

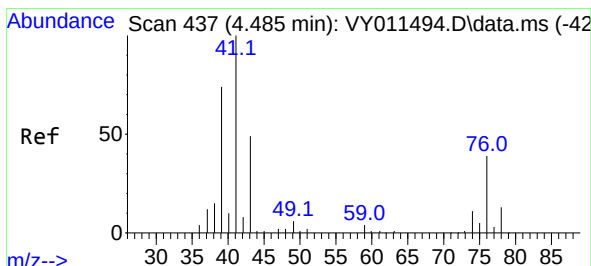
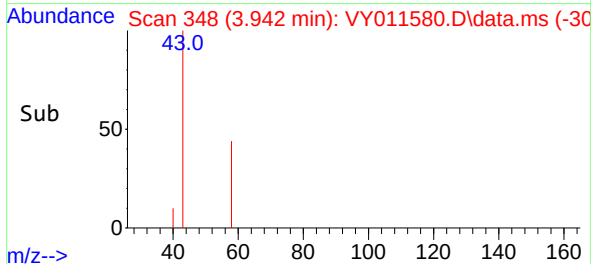
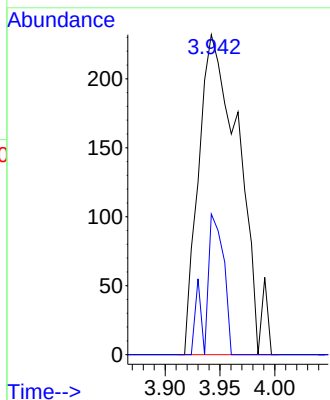
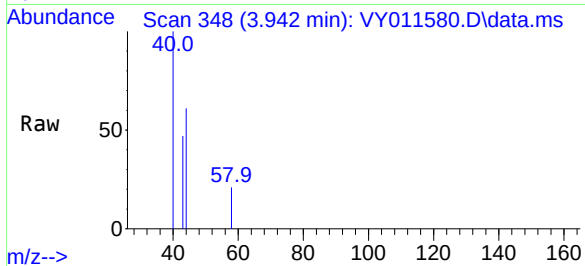




#16
Acetone
Concen: 5.471 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

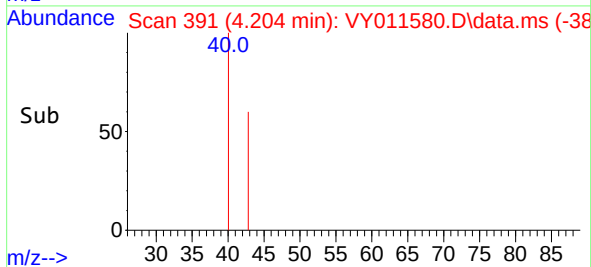
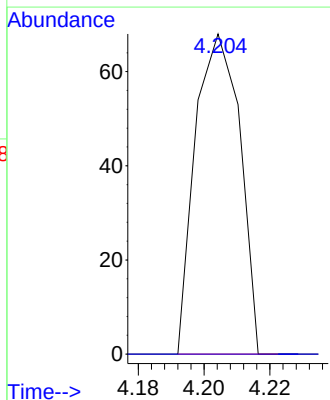
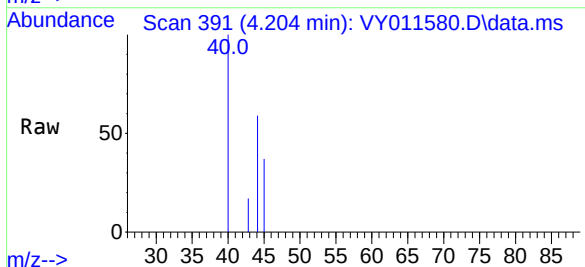
Instrument :
MSVOA_Y
ClientSampleId :

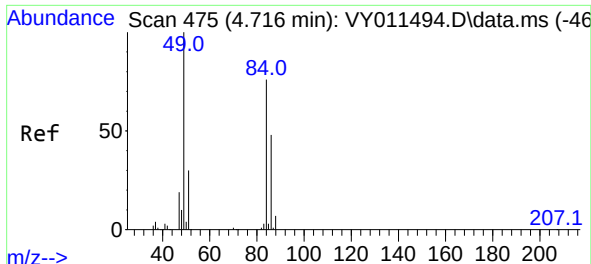
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 44.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.281 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

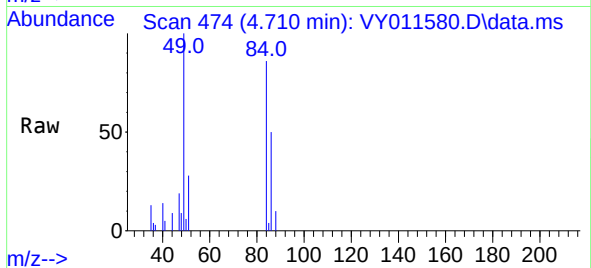
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





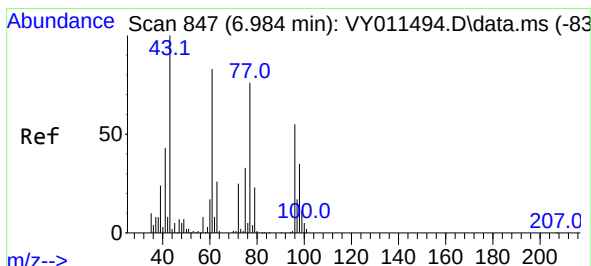
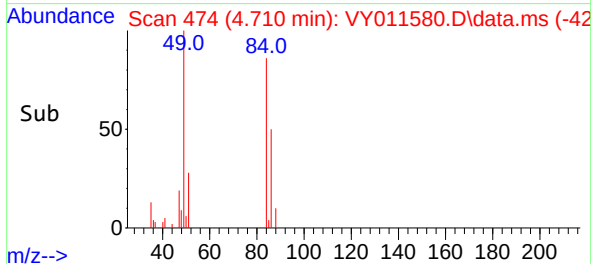
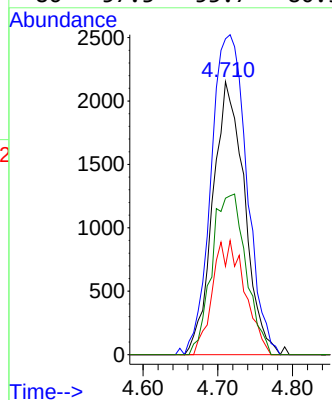
#20
Methylene Chloride
Concen: 6.151 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6331

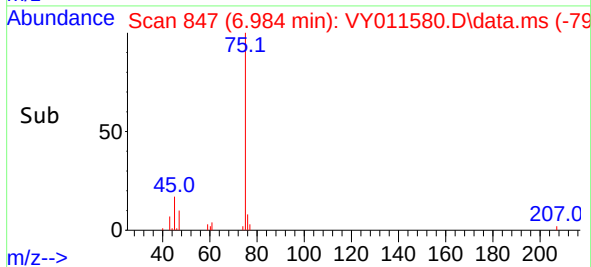
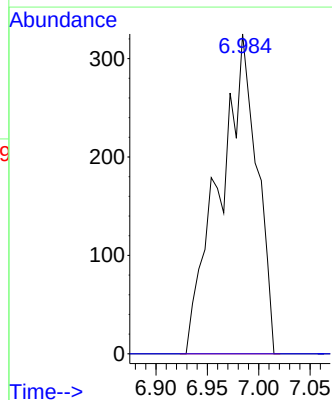
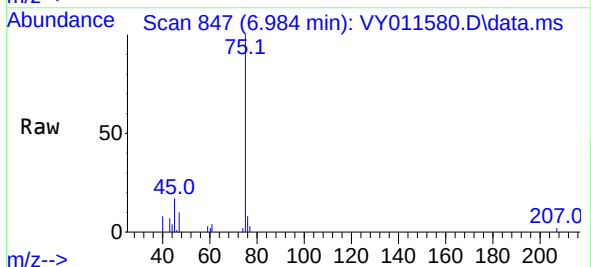
Ion	Ratio	Lower	Upper
84	100		
49	115.7	114.4	171.6
51	32.4	35.3	52.9#
86	57.3	53.7	80.5

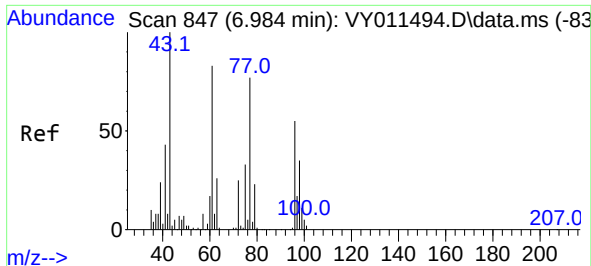


#25
2-Butanone
Concen: 5.829 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Tgt Ion: 43 Resp: 829

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.218 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

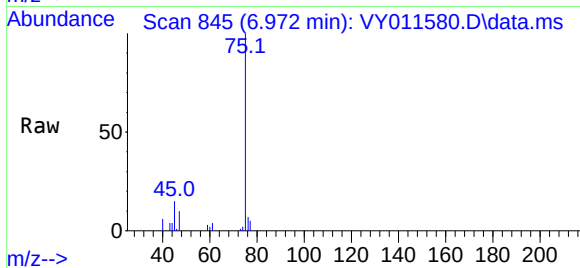
Lab File: VY011580.D

Acq: 23 Nov 2022 17:08

Instrument :

MSVOA_Y

ClientSampleId :

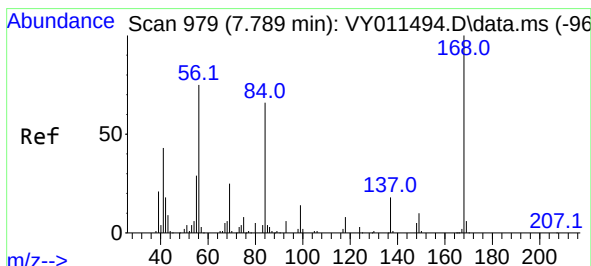
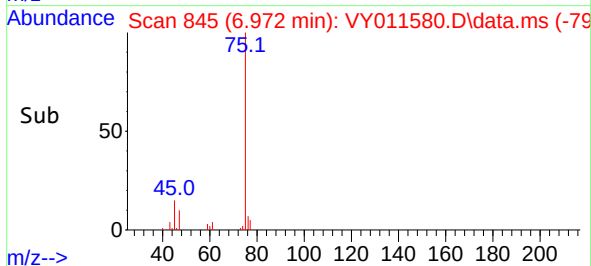
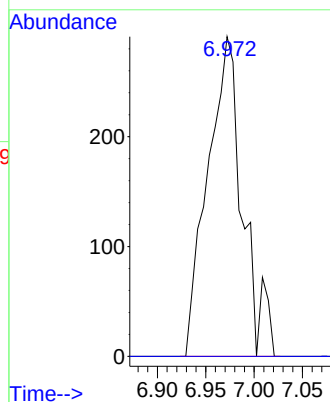


Tgt Ion: 77 Resp: 729

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.438 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY011580.D

Acq: 23 Nov 2022 17:08

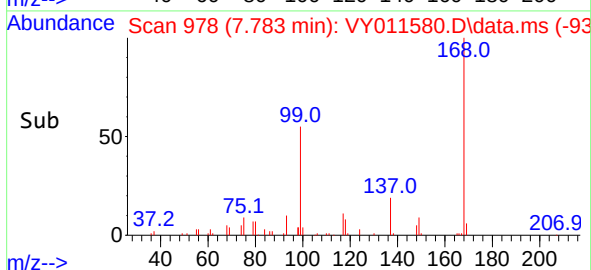
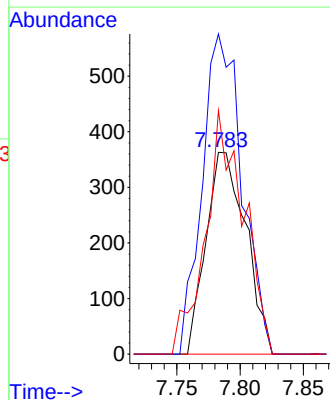
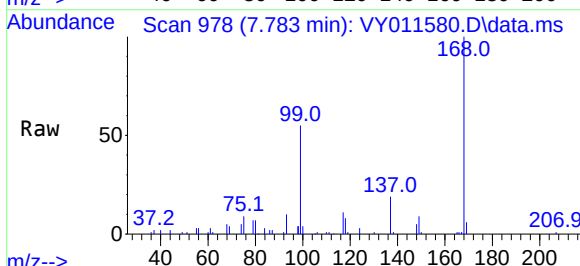
Tgt Ion: 56 Resp: 794

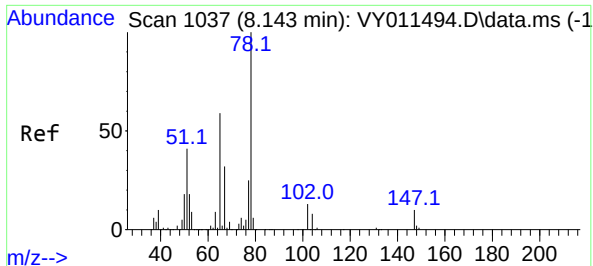
Ion Ratio Lower Upper

56 100

69 158.7 26.7 40.1#

84 120.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 87.455 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY011580.D

Acq: 23 Nov 2022 17:08

Instrument :

MSVOA_Y

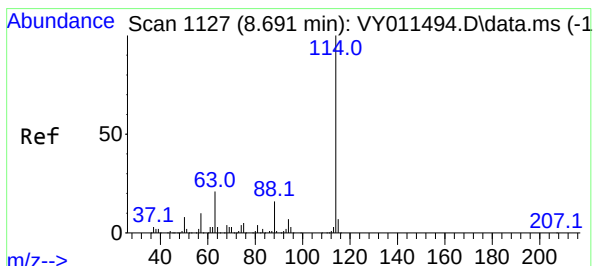
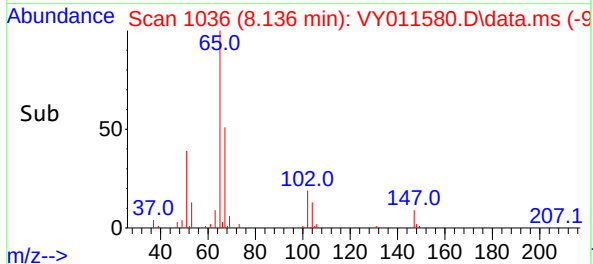
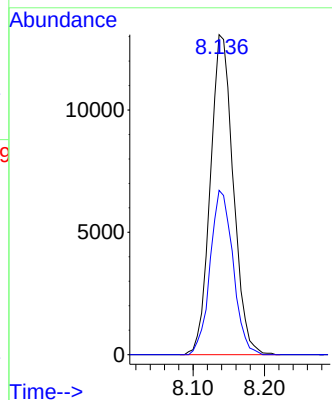
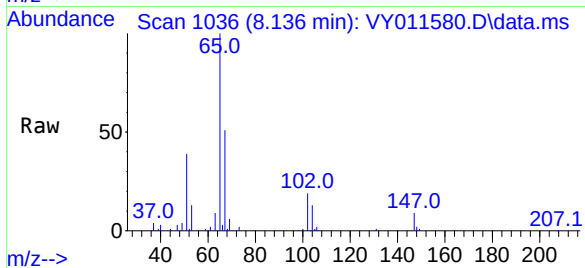
ClientSampleId :

Tgt Ion: 65 Resp: 29134

Ion Ratio Lower Upper

65 100

67 51.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011580.D

Acq: 23 Nov 2022 17:08

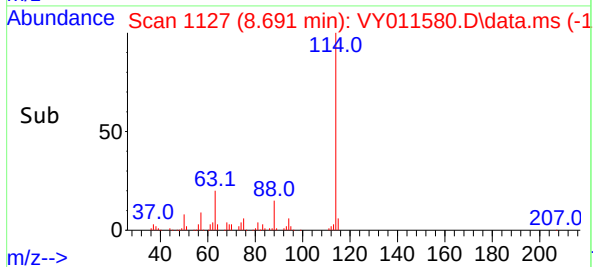
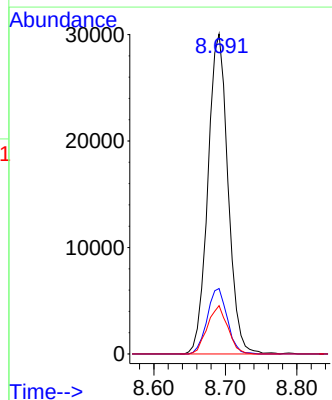
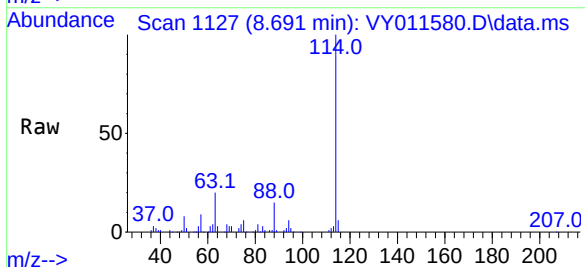
Tgt Ion:114 Resp: 58607

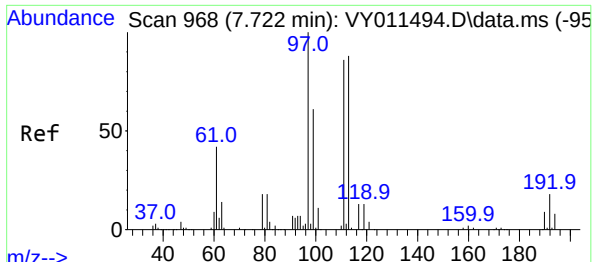
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

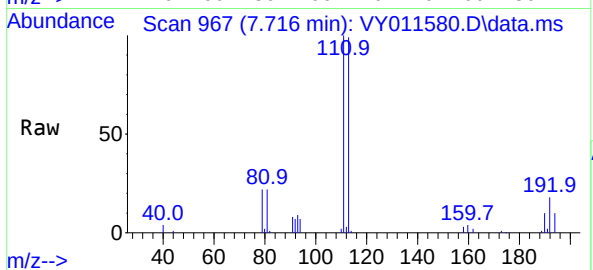
88 15.1 0.0 31.8



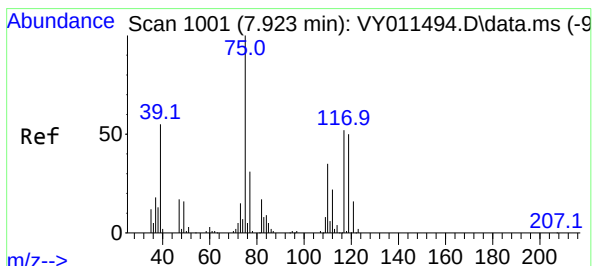
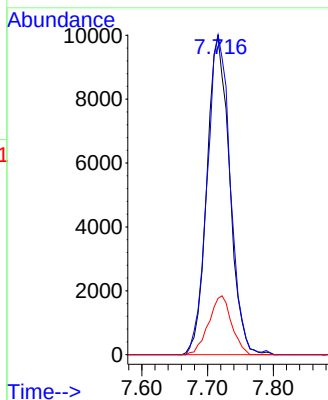
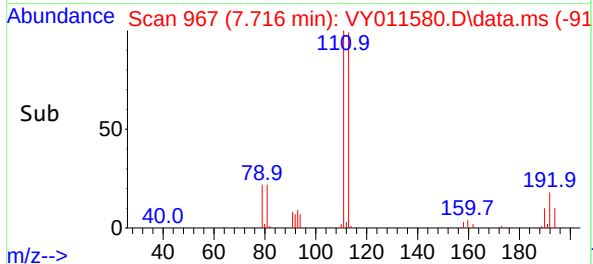


#35
Dibromofluoromethane
Concen: 66.281 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :

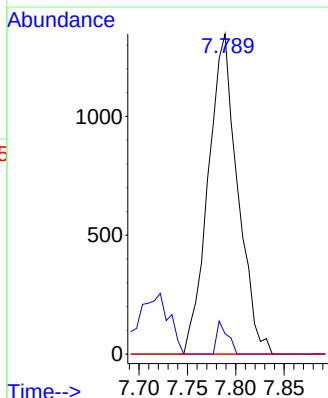
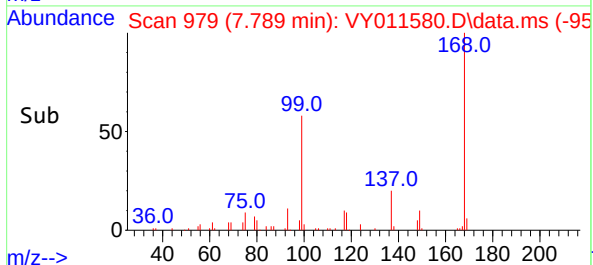
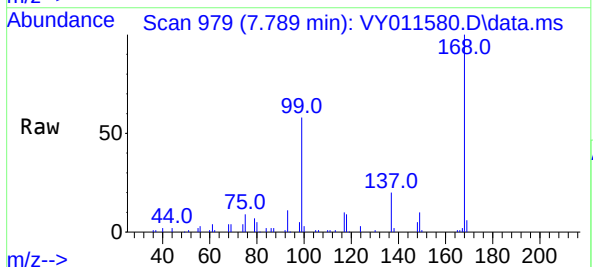


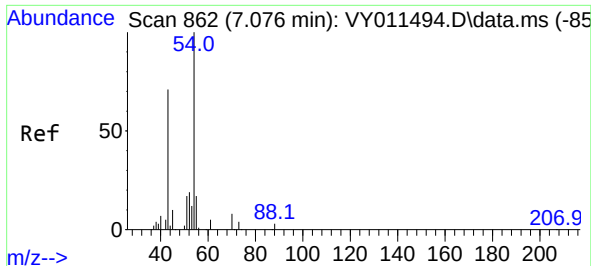
Tgt Ion:113 Resp: 23913
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Tgt Ion: 75 Resp: 2860
Ion Ratio Lower Upper
75 100
110 3.7 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.582 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

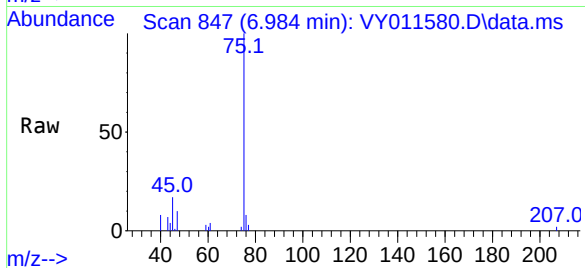
Lab File: VY011580.D

Acq: 23 Nov 2022 17:08

Instrument :

MSVOA_Y

ClientSampleId :



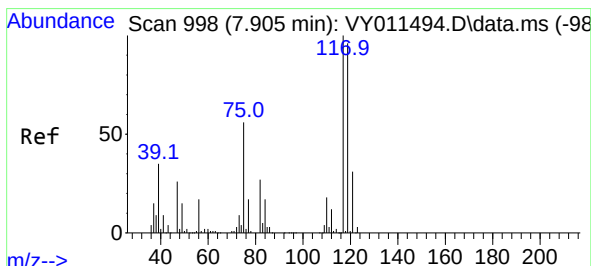
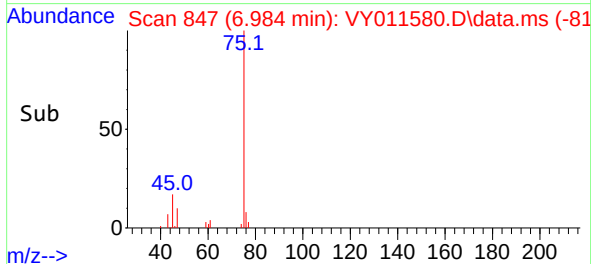
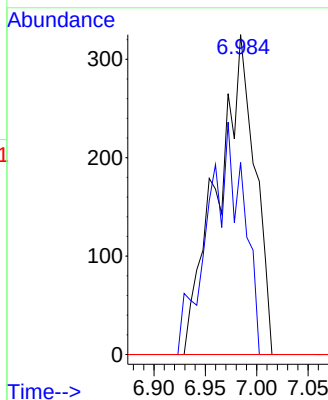
Tgt Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.208 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY011580.D

Acq: 23 Nov 2022 17:08

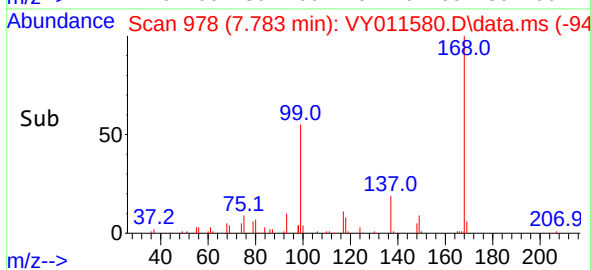
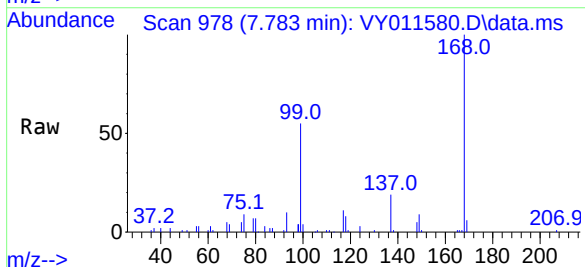
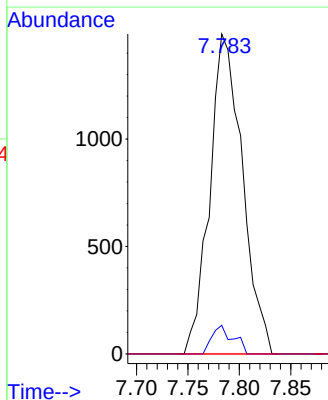
Tgt Ion: 117 Resp: 3286

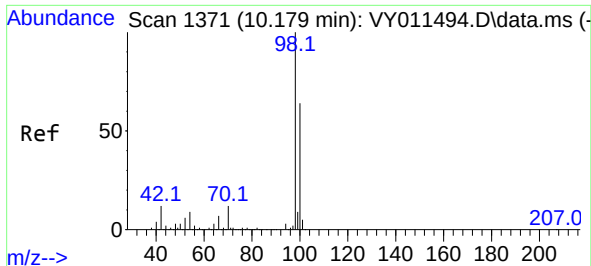
Ion Ratio Lower Upper

117 100

119 8.9 77.9 116.9#

121 0.0 24.8 37.2#

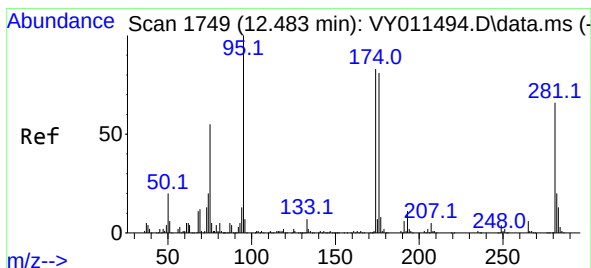
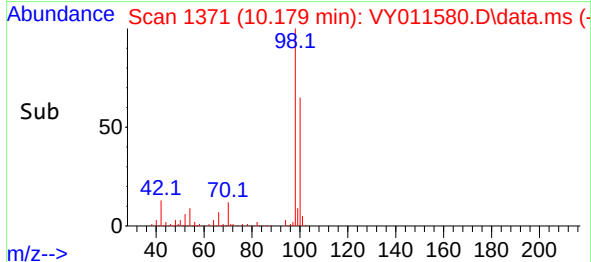
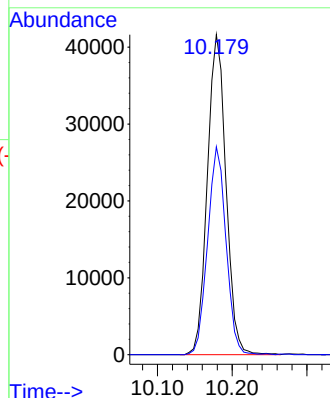
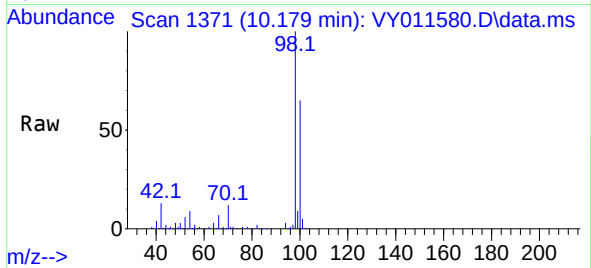




#50
Toluene-d8
Concen: 54.914 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

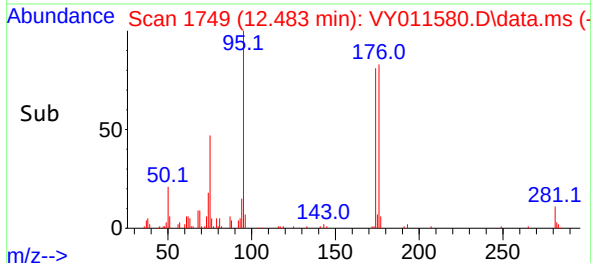
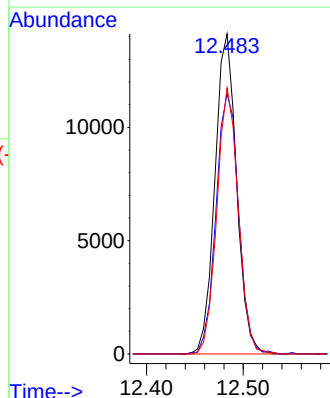
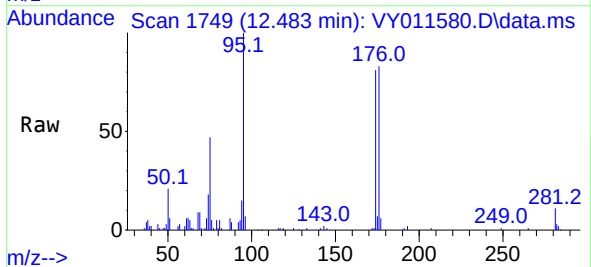
Instrument :
MSVOA_Y
ClientSampleId :

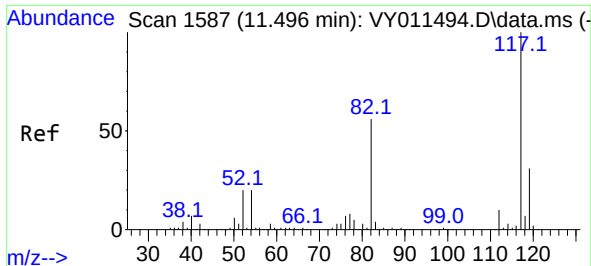
Tgt Ion: 98 Resp: 71995
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

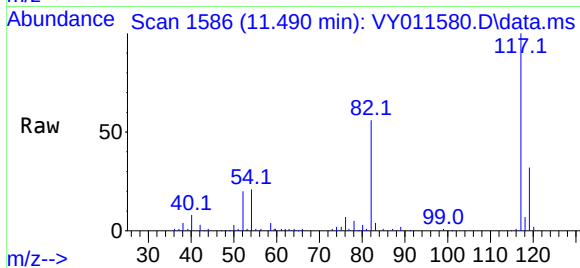
Tgt Ion: 95 Resp: 21929
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.2 0.0 175.8



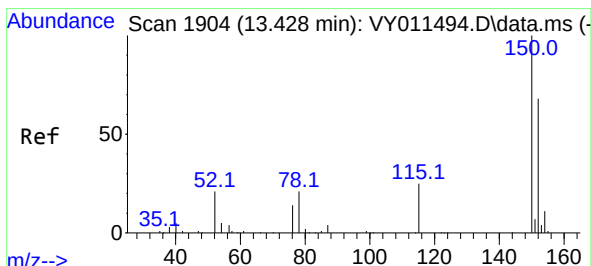
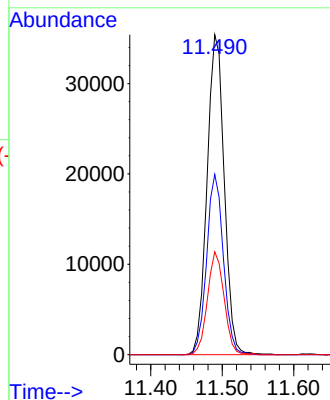
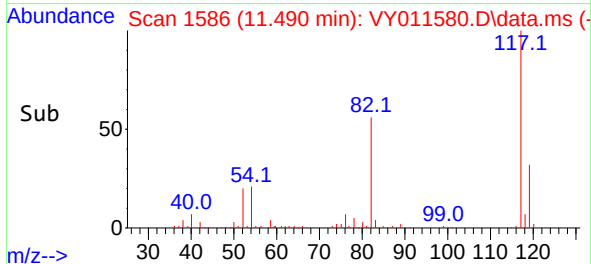


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :

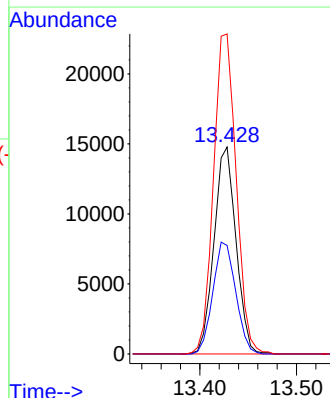
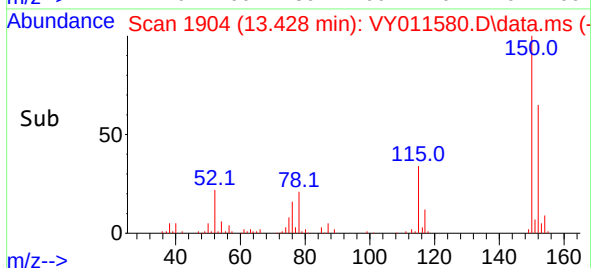
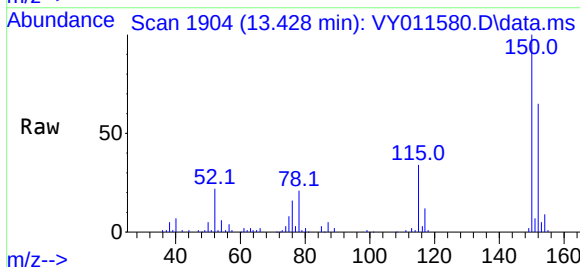


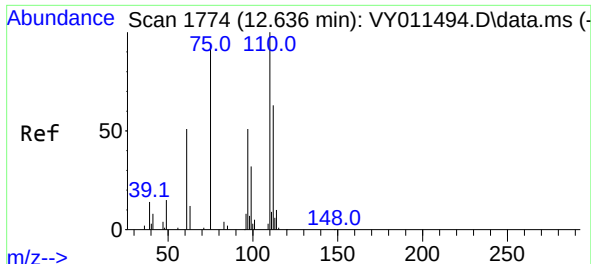
Tgt Ion:117 Resp: 59028
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Tgt Ion:152 Resp: 23364
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 159.2 0.0 347.6

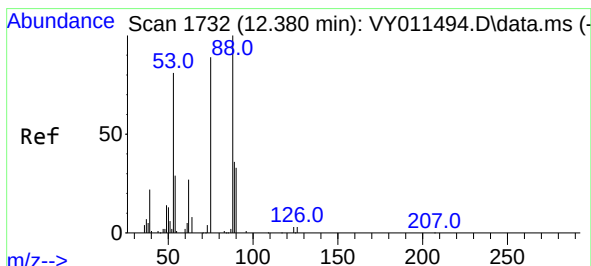
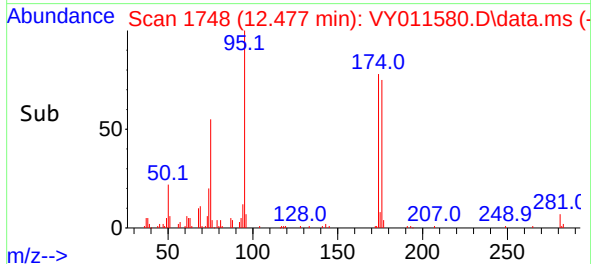
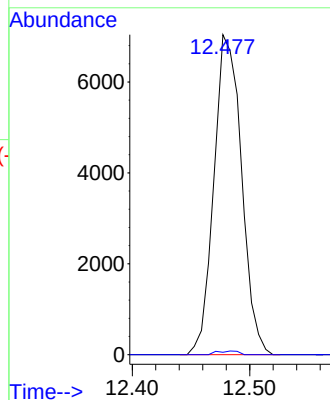
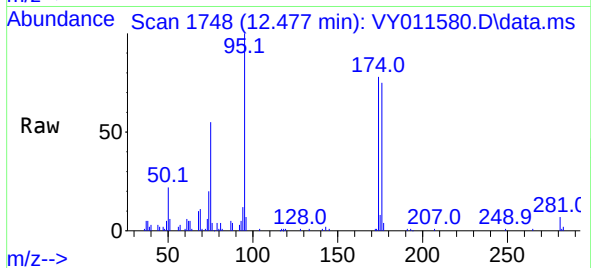




#76
1,2,3-Trichloropropane
Concen: 45.693 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11497
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.083 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011580.D
Acq: 23 Nov 2022 17:08

Tgt Ion: 75 Resp: 11497
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

