

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011551.D
 Acq On : 22 Nov 2022 16:25
 Operator : KP/MD
 Sample : N5723-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:13 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)

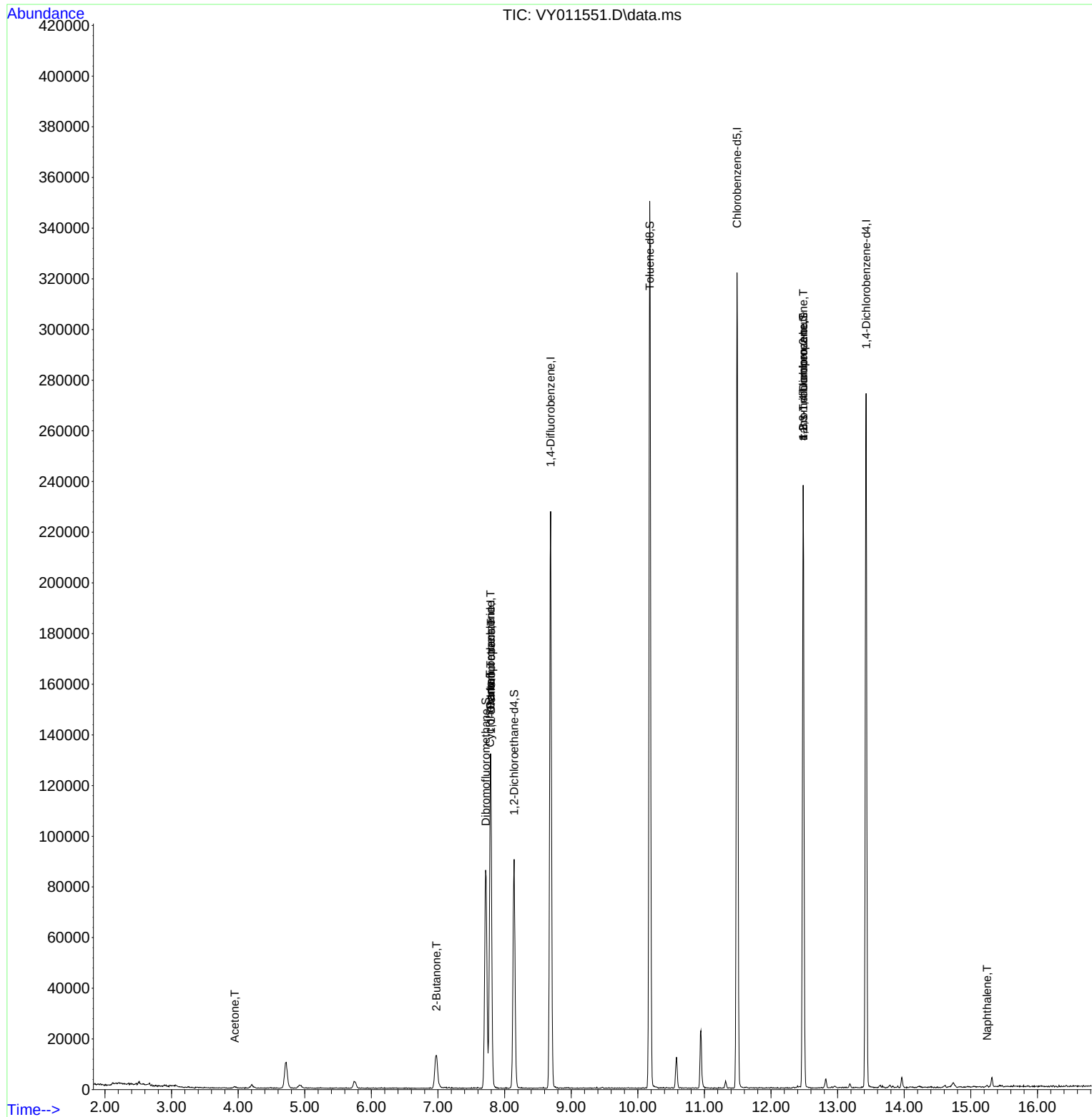
Internal Standards						
1) Pentafluorobenzene	7.789	168	98264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67315	67.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.940%	
35) Dibromofluoromethane	7.716	113	61847	54.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.179	98	227325	54.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.440%	
62) 4-Bromofluorobenzene	12.483	95	66902	43.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	217	Below Cal	#	44
5) Bromomethane	2.668	94	153	Below Cal	#	77
11) Tert butyl alcohol	4.924	59	1616	Below Cal	#	77
16) Acetone	3.948	43	1010	3.116	ug/l #	86
18) Methyl Acetate	4.472	43	25	Below Cal	#	56
20) Methylene Chloride	4.722	84	7832	Below Cal	#	78
25) 2-Butanone	6.978	43	985	2.313	ug/l #	54
31) Cyclohexane	7.783	56	2402	1.452	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	8138	4.554	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9774	4.889	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	35301	46.513	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35301	101.879	ug/l #	7
95) Naphthalene	15.245	128	644	4.257	ug/l #	77

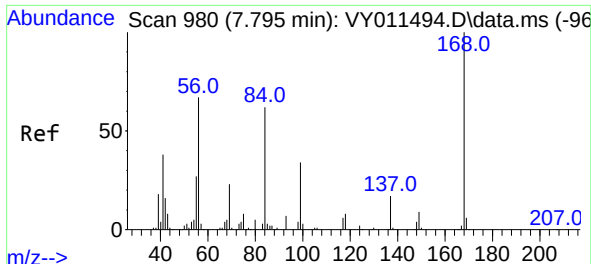
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
Data File : VY011551.D
Acq On : 22 Nov 2022 16:25
Operator : KP/MD
Sample : N5723-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 23 04:08:13 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

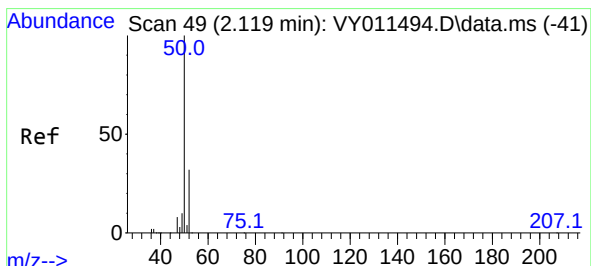
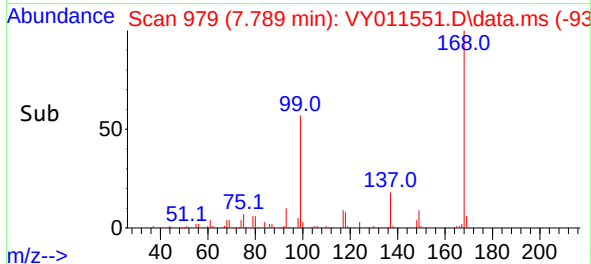
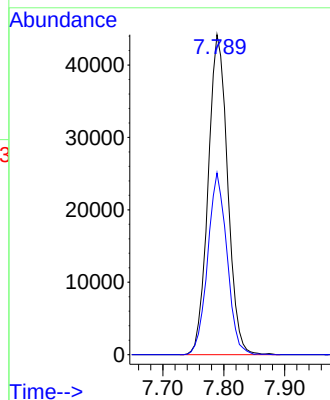
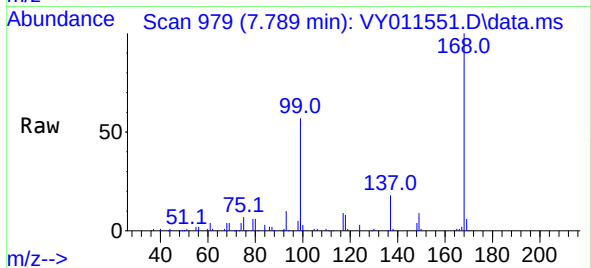




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

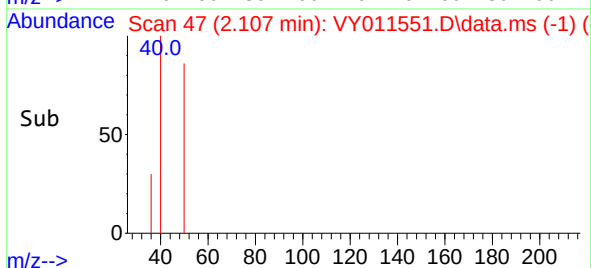
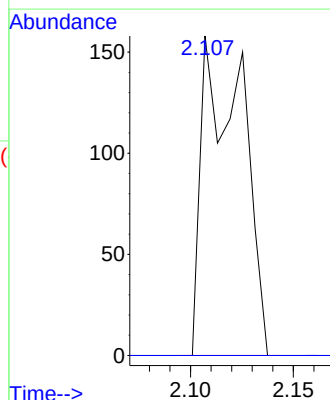
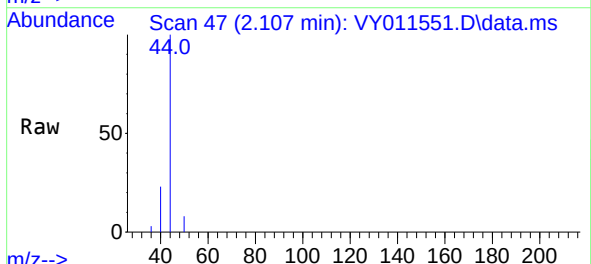
Instrument :
MSVOA_Y
ClientSampleId :

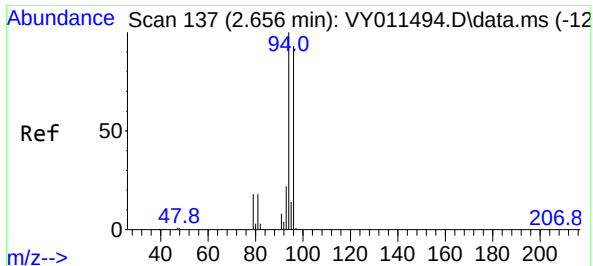
Tgt Ion:168 Resp: 98264
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

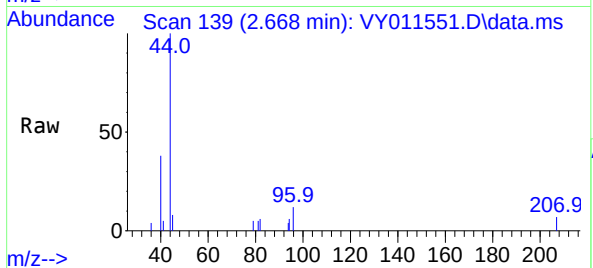
Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



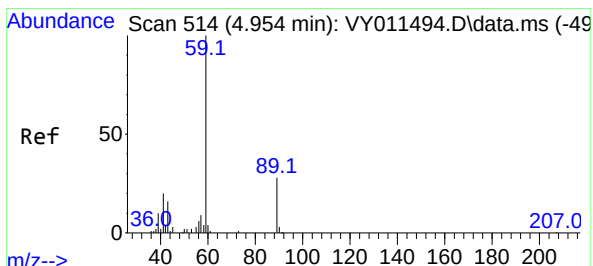
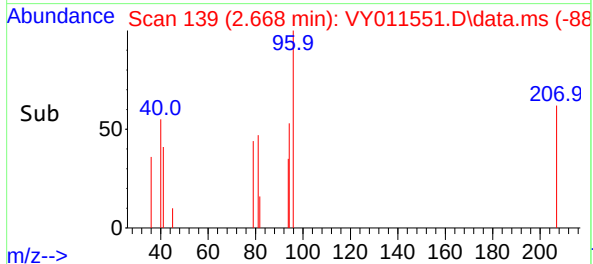
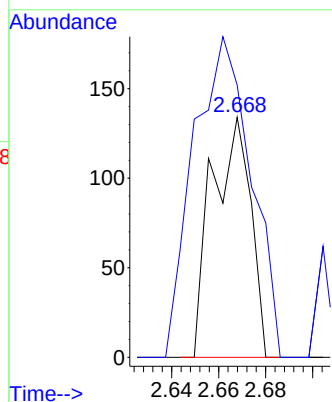


#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :

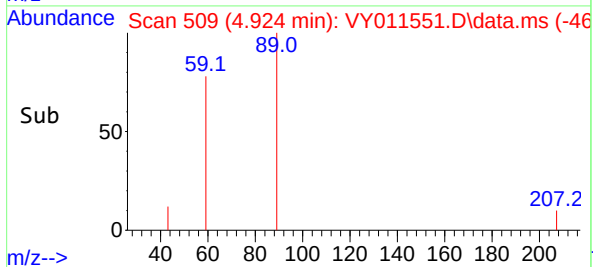
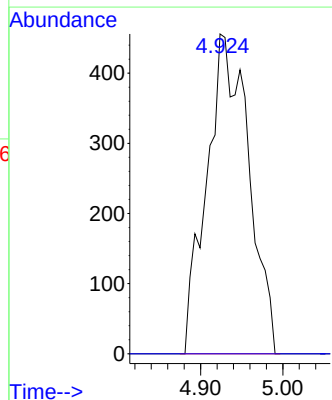
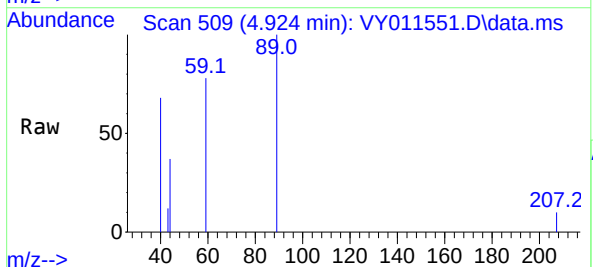


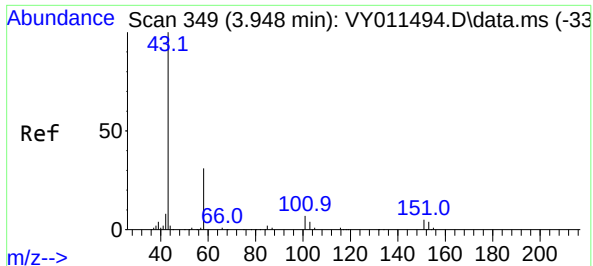
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 113.4 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion: 59 Resp: 1616
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

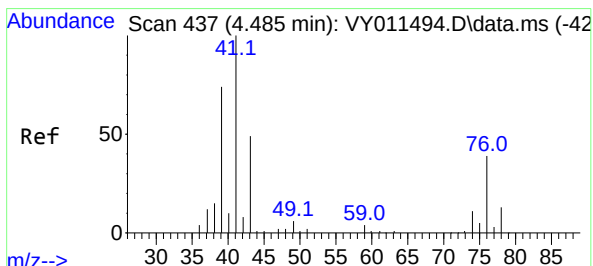
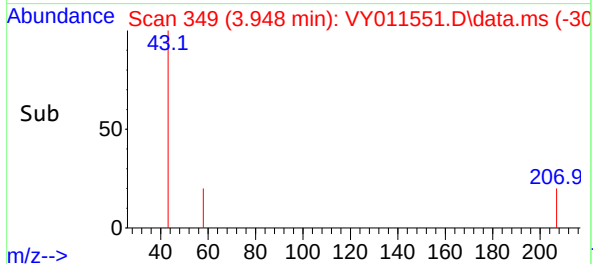
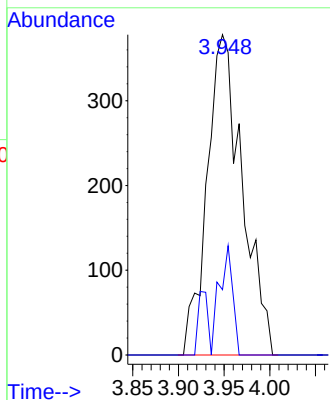
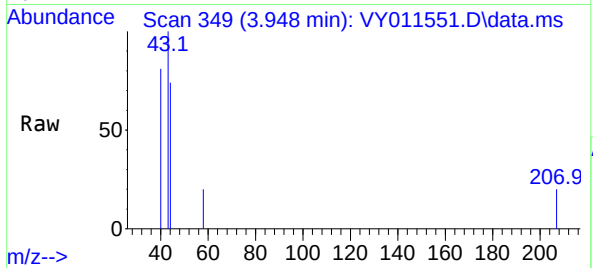




#16
Acetone
Concen: 3.116 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

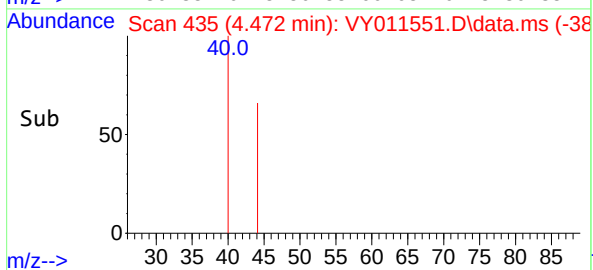
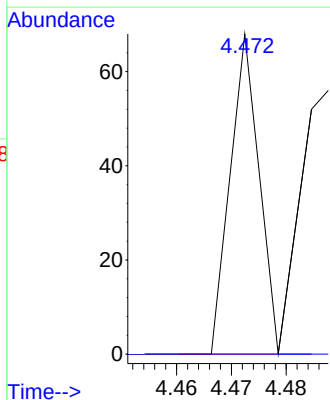
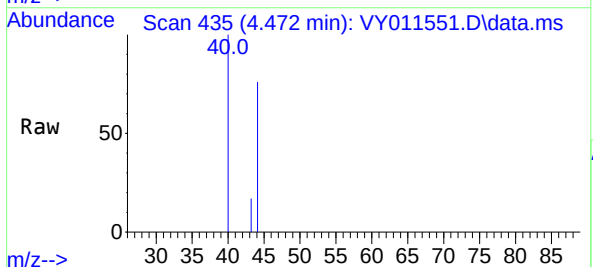
Instrument :
MSVOA_Y
ClientSampleId :

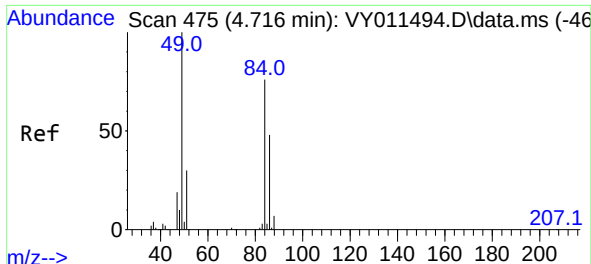
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 20.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.013 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

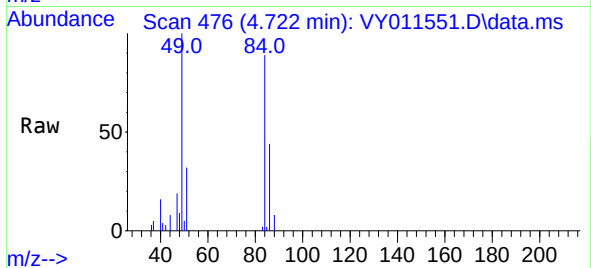
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





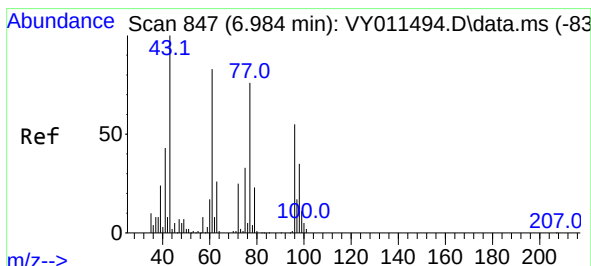
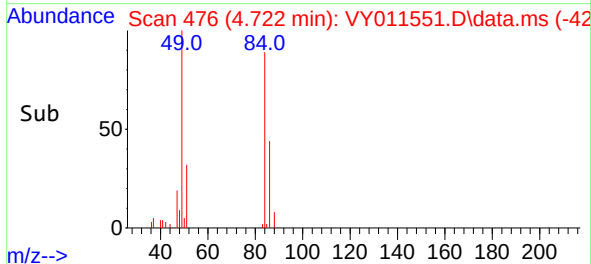
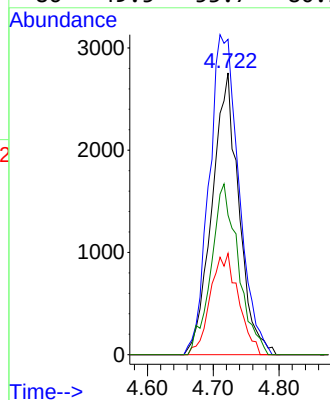
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7832

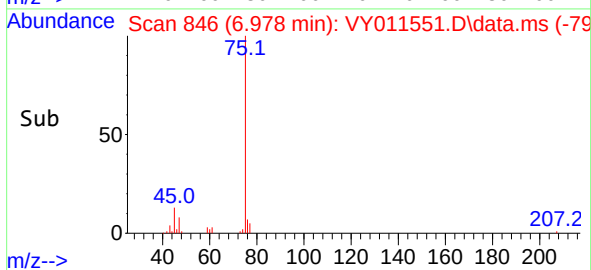
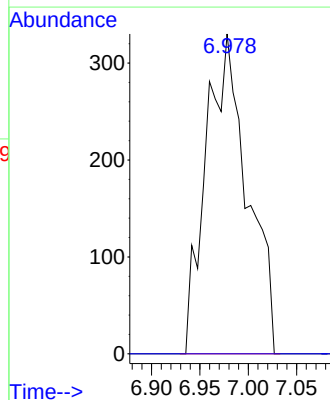
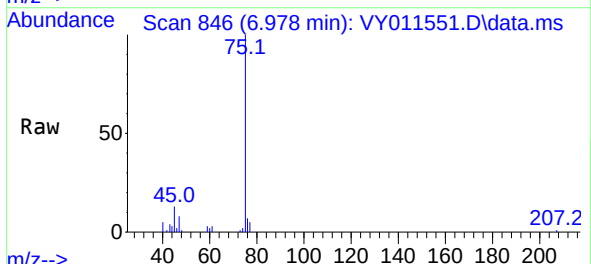
Ion	Ratio	Lower	Upper
84	100		
49	111.9	114.4	171.6#
51	36.0	35.3	52.9
86	49.5	53.7	80.5#

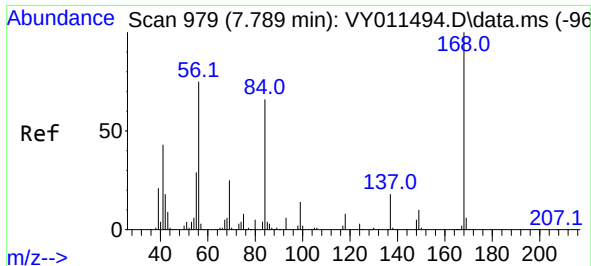


#25
2-Butanone
Concen: 2.313 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion: 43 Resp: 985

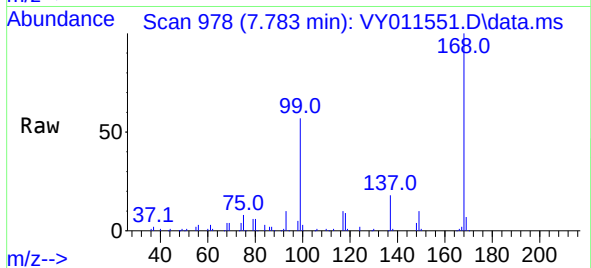
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



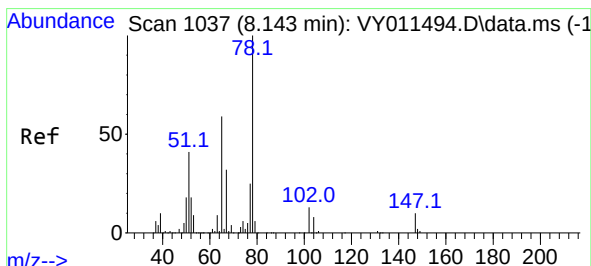
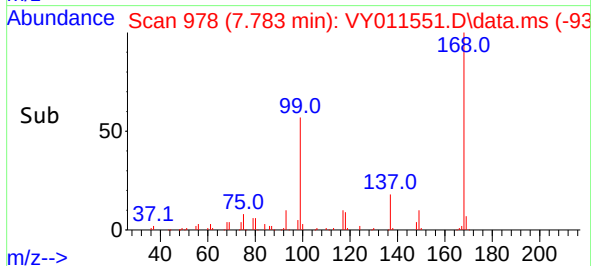
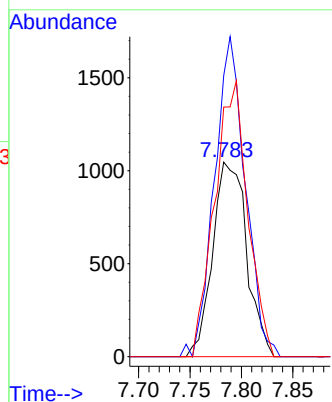


#31
Cyclohexane
Concen: 1.452 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :

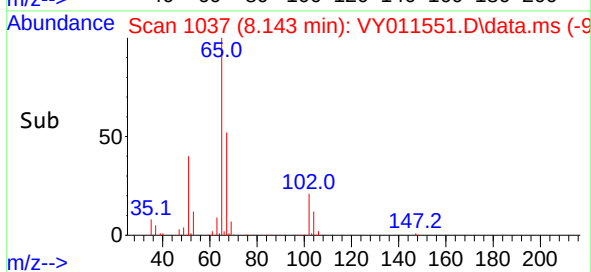
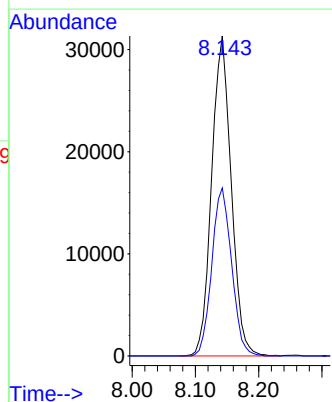
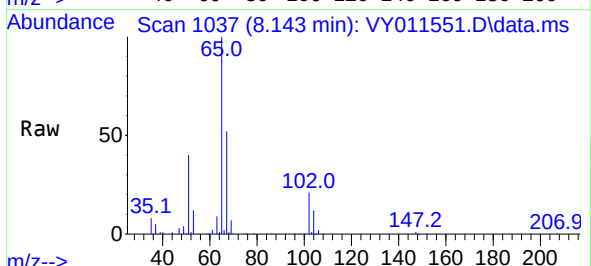


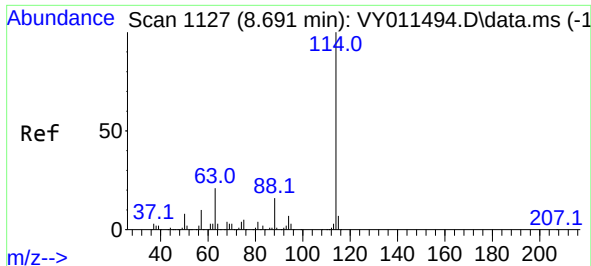
Tgt Ion: 56 Resp: 2402
Ion Ratio Lower Upper
56 100
69 144.6 26.7 40.1#
84 128.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.466 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion: 65 Resp: 67315
Ion Ratio Lower Upper
65 100
67 52.9 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: VY011551.D

Acq: 22 Nov 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

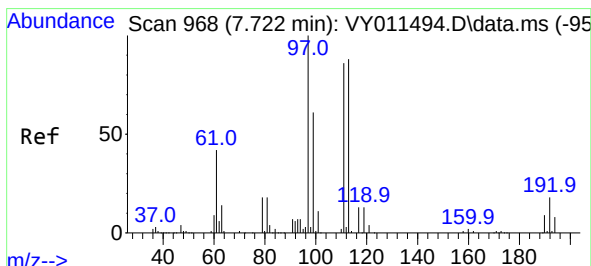
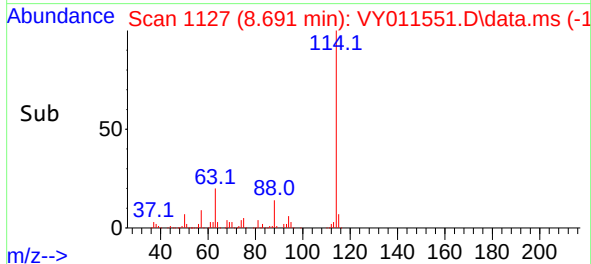
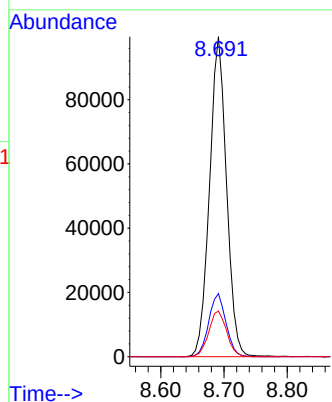
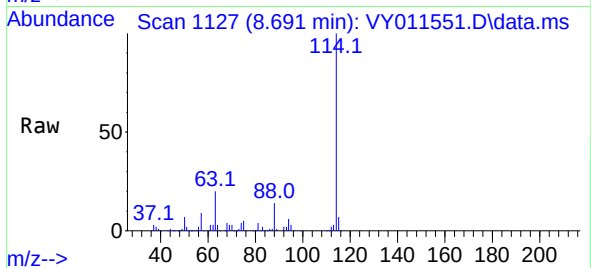
Tgt Ion:114 Resp: 185708

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.100 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011551.D

Acq: 22 Nov 2022 16:25

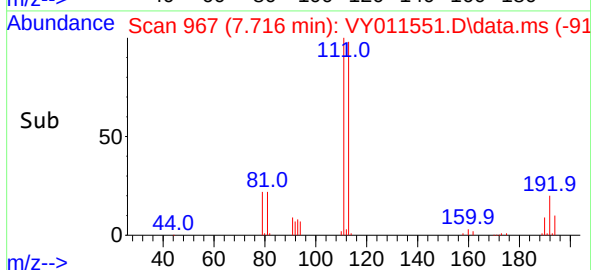
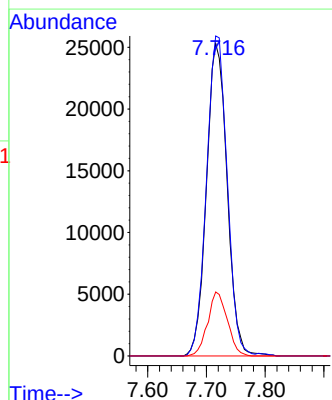
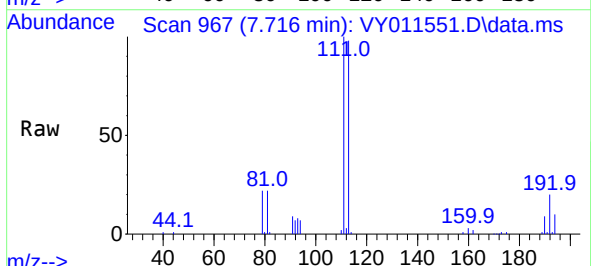
Tgt Ion:113 Resp: 61847

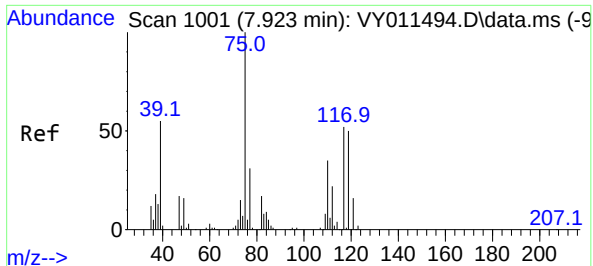
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

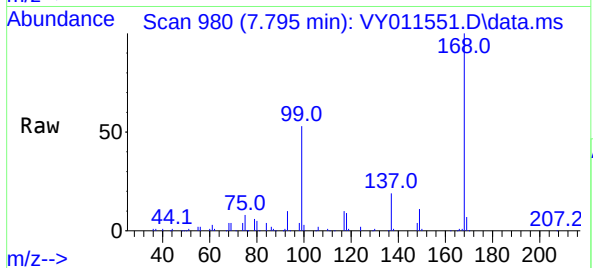
192 19.5 17.6 26.4



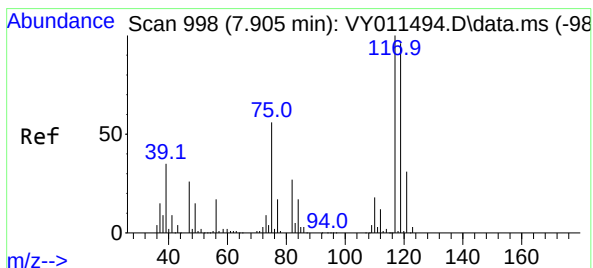
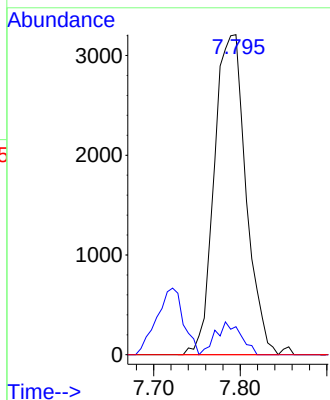
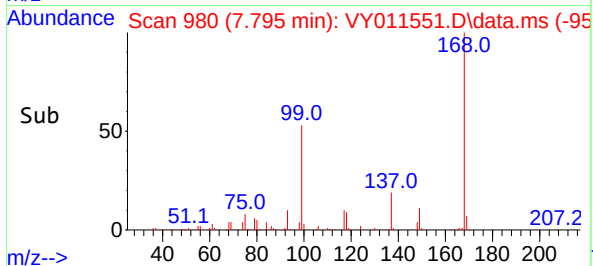


#36
1,1-Dichloropropene
Concen: 4.554 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

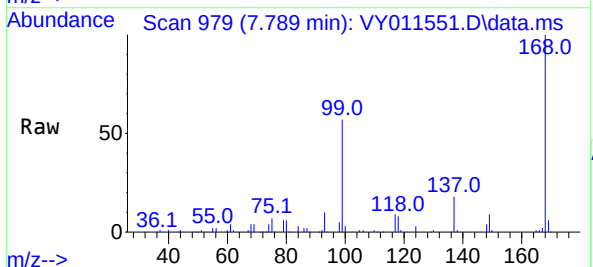
Instrument :
MSVOA_Y
ClientSampleId :



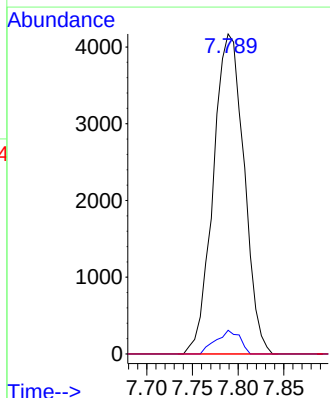
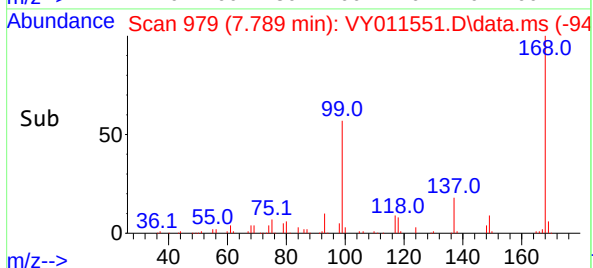
Tgt Ion: 75 Resp: 8138
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

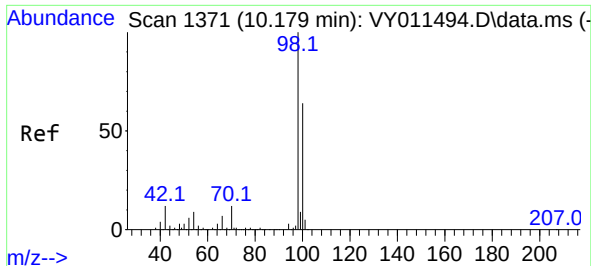


#38
Carbon Tetrachloride
Concen: 4.889 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25



Tgt Ion: 117 Resp: 9774
Ion Ratio Lower Upper
117 100
119 7.4 77.9 116.9#
121 0.0 24.8 37.2#

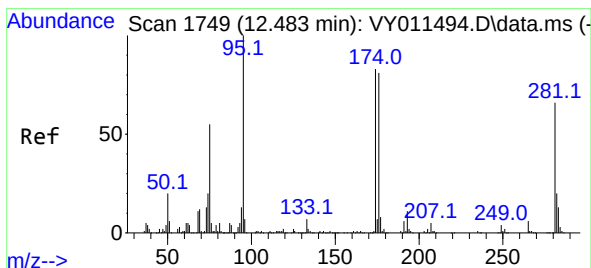
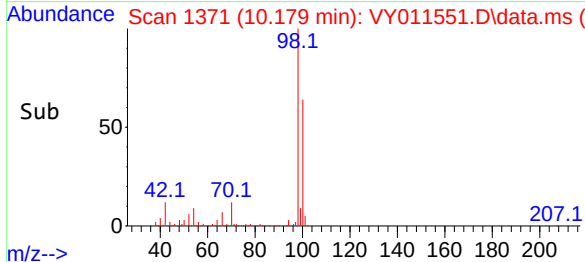
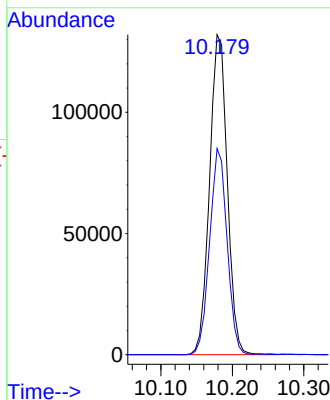
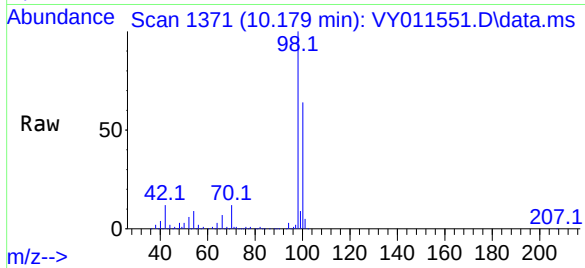




#50
Toluene-d8
Concen: 54.720 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

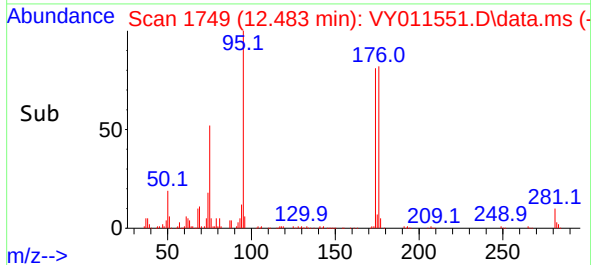
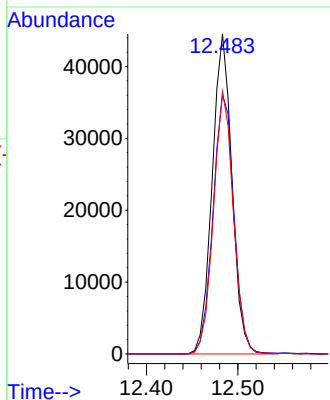
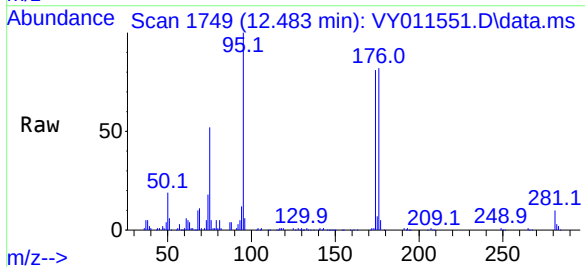
Instrument :
MSVOA_Y
ClientSampleId :

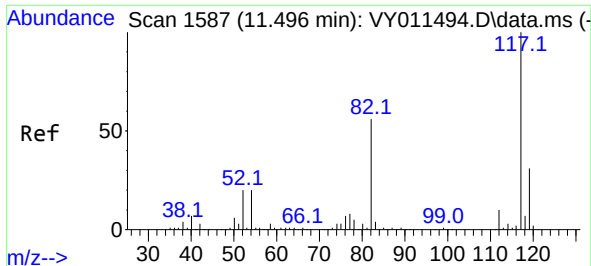
Tgt Ion: 98 Resp: 227325
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

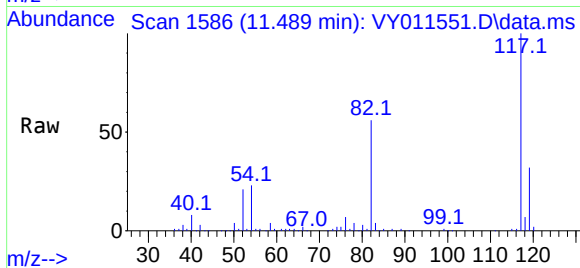
Tgt Ion: 95 Resp: 66902
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.8 0.0 175.8



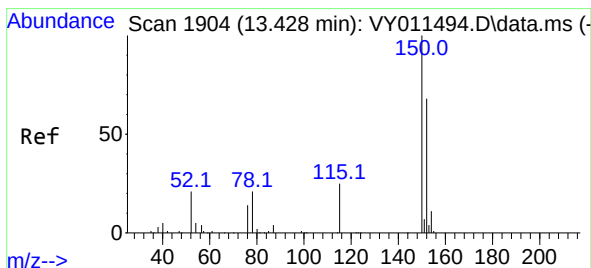
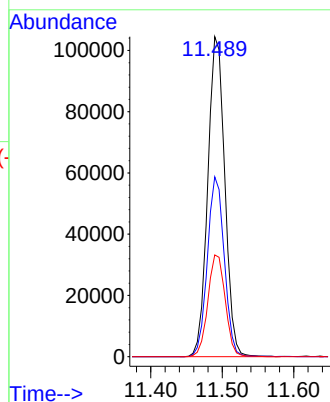
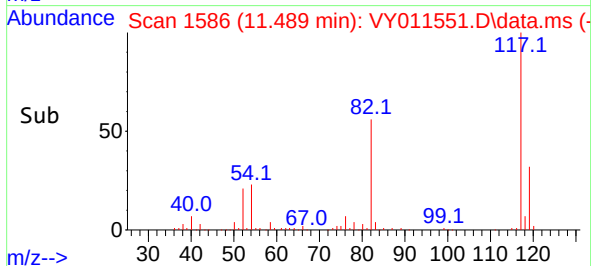


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

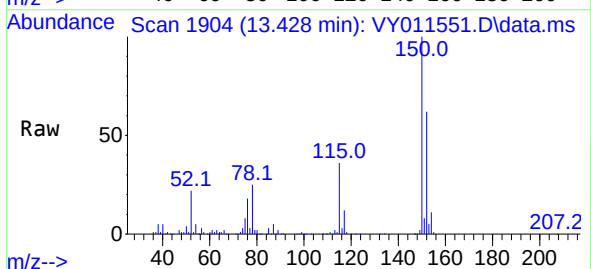
Instrument :
MSVOA_Y
ClientSampleId :



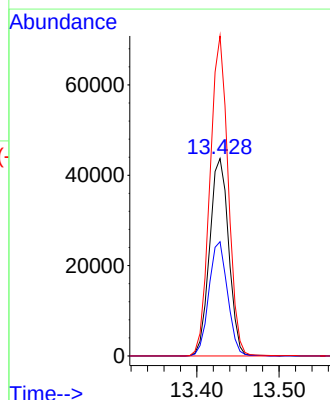
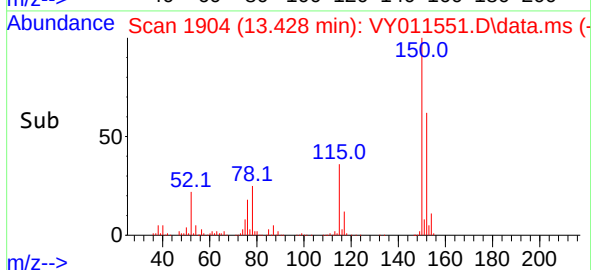
Tgt Ion:117 Resp: 173081
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.8 25.4 38.0

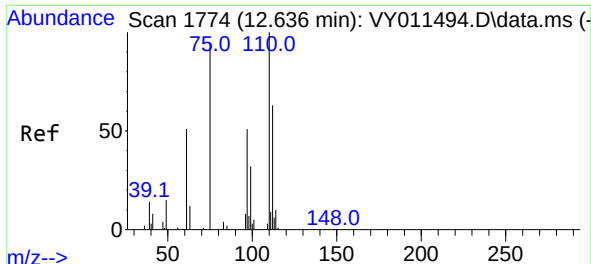


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25



Tgt Ion:152 Resp: 70473
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 154.6 0.0 347.6

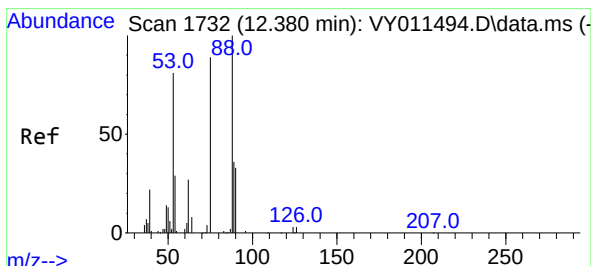
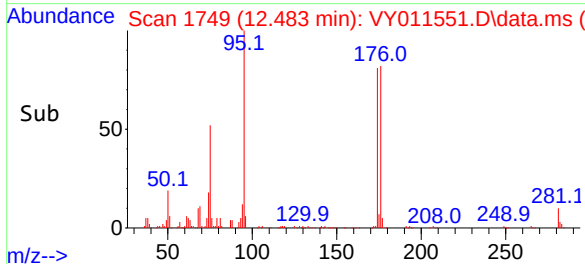
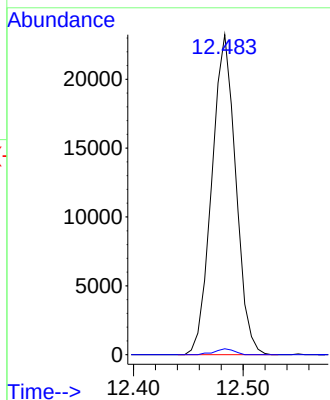
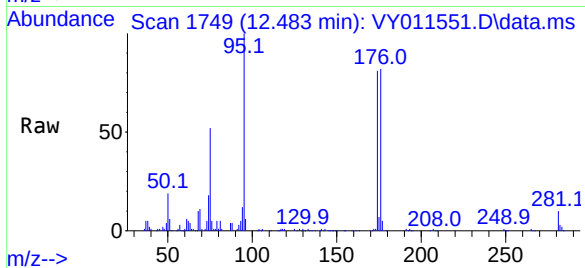




#76
1,2,3-Trichloropropane
Concen: 46.513 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

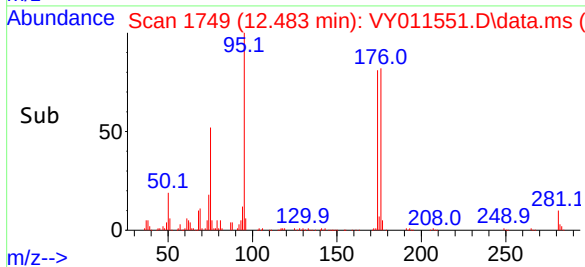
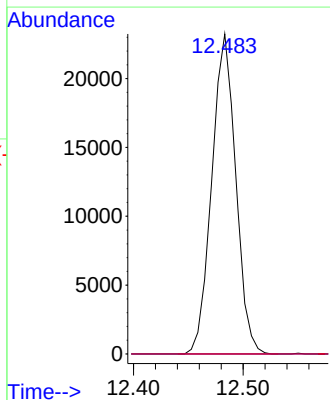
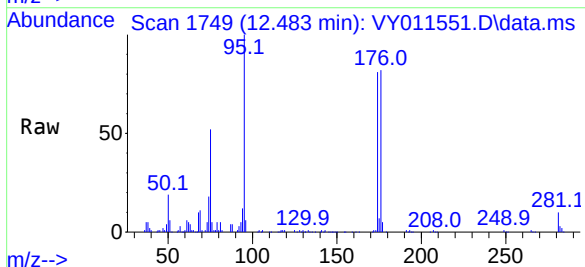
Instrument :
MSVOA_Y
ClientSampleId :

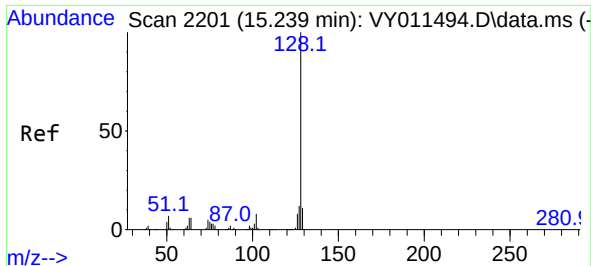
Tgt Ion: 75 Resp: 35301
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion: 75 Resp: 35301
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.257 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

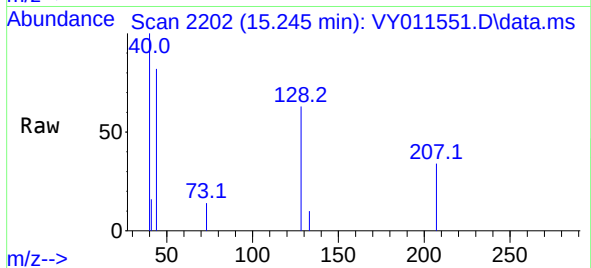
Lab File: VY011551.D

Acq: 22 Nov 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 644

Ion Ratio Lower Upper

128 100

127 3.6 11.0 16.4#

129 3.1 8.4 12.6#

