

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011570.D
 Acq On : 23 Nov 2022 13:14
 Operator : KP/MD
 Sample : N5745-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:37:37 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)

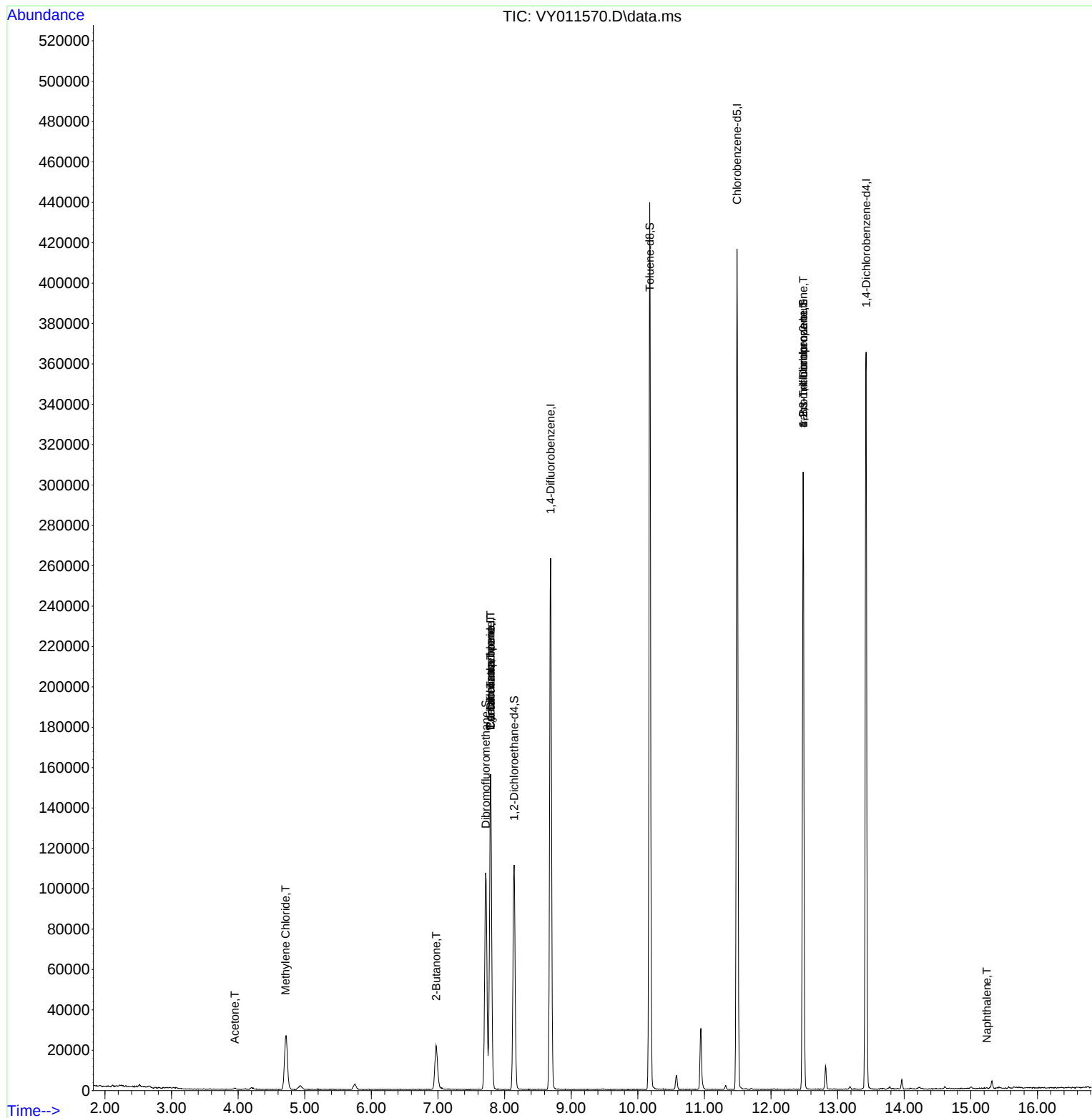
Internal Standards						
1) Pentafluorobenzene	7.789	168	116189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88442	74.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.920%	
35) Dibromofluoromethane	7.716	113	75760	55.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.179	98	275448	55.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.340%	
62) 4-Bromofluorobenzene	12.483	95	87868	48.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	236	Below Cal	#	60
5) Bromomethane	2.662	94	246	Below Cal		100
11) Tert butyl alcohol	4.924	59	2358	Below Cal	#	77
16) Acetone	3.948	43	1058	2.761	ug/l #	46
18) Methyl Acetate	4.472	43	27	Below Cal	#	56
20) Methylene Chloride	4.710	84	19718	3.747	ug/l #	85
25) 2-Butanone	6.972	43	1177	2.337	ug/l #	54
31) Cyclohexane	7.789	56	2709	1.385	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	9570	4.496	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12032	5.053	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47005	47.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47005	103.193	ug/l #	7
95) Naphthalene	15.239	128	500	4.160	ug/l #	69

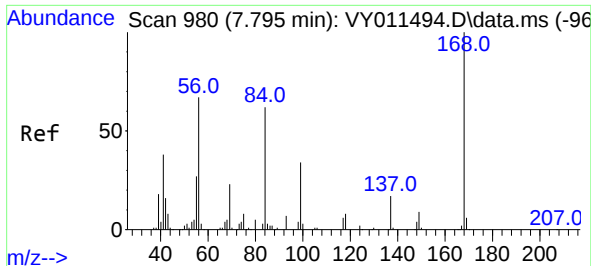
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
Data File : VY011570.D
Acq On : 23 Nov 2022 13:14
Operator : KP/MD
Sample : N5745-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

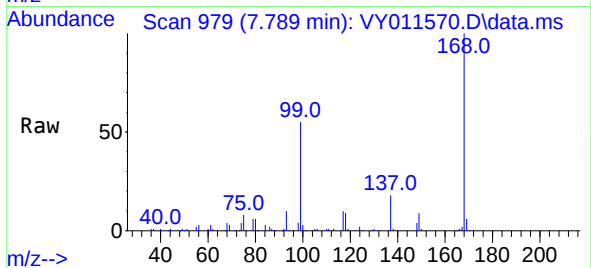
Quant Time: Nov 24 00:37:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



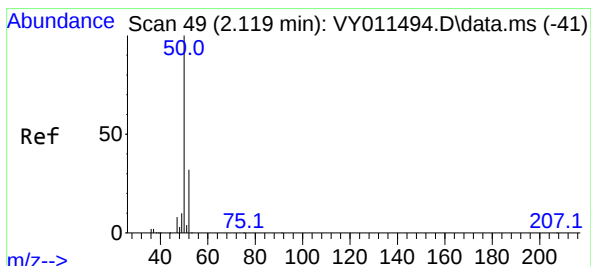
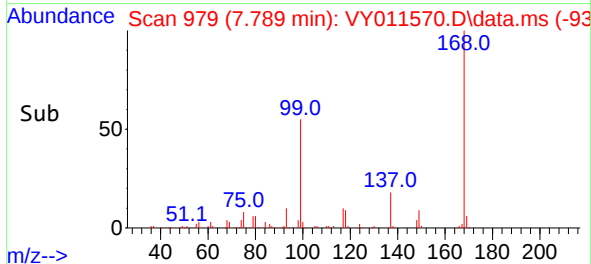
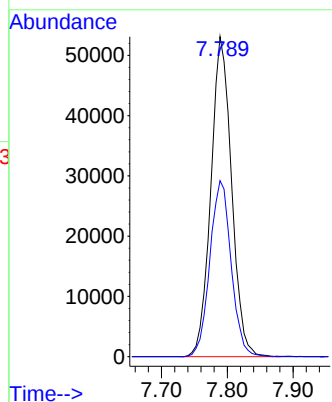


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Instrument :
MSVOA_Y
ClientSampleId :

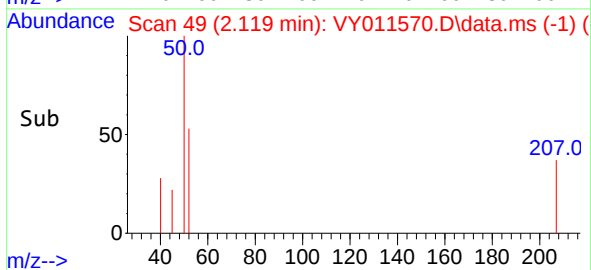
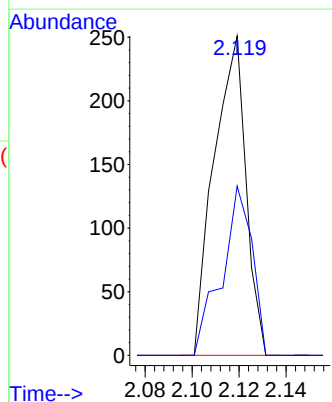
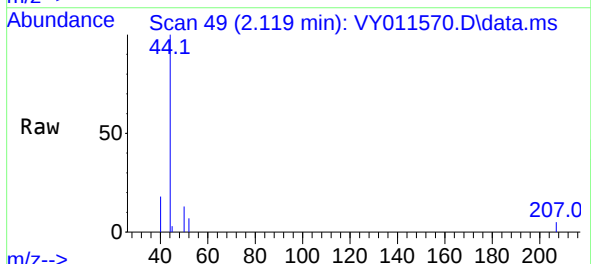


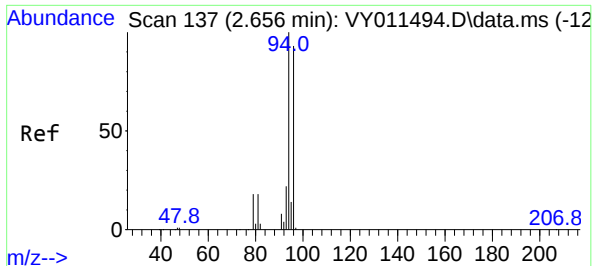
Tgt Ion:168 Resp: 116189
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Tgt Ion: 50 Resp: 236
Ion Ratio Lower Upper
50 100
52 53.0 24.6 37.0#

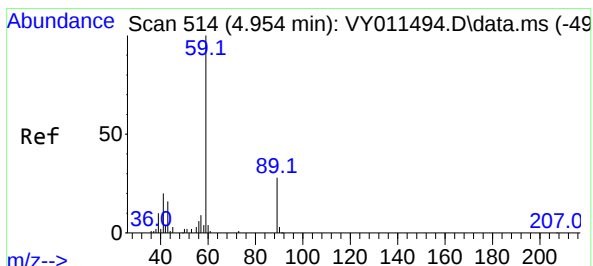
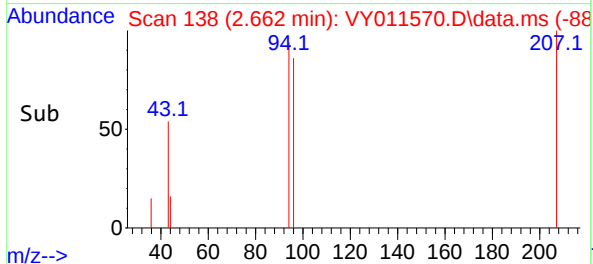
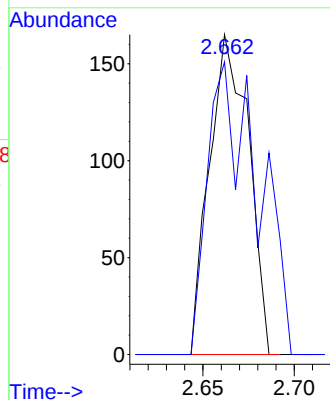
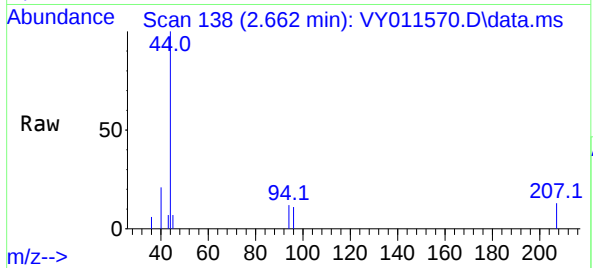




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

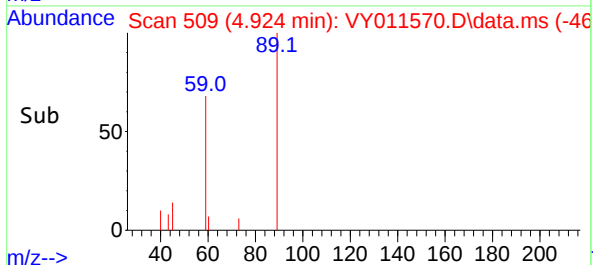
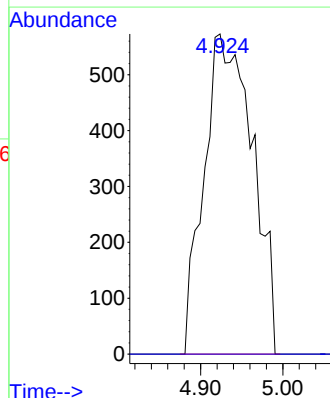
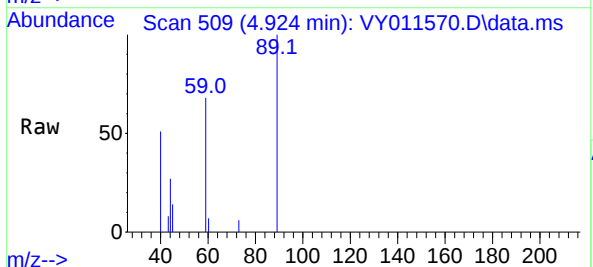
Instrument :
MSVOA_Y
ClientSampleId :

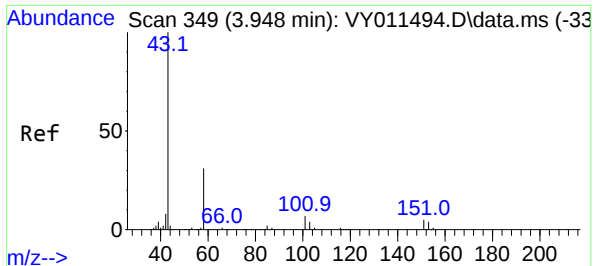
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Tgt Ion: 59 Resp: 2358
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

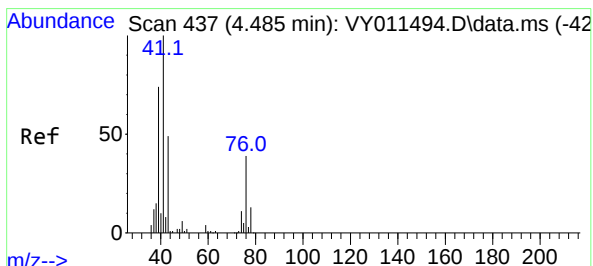
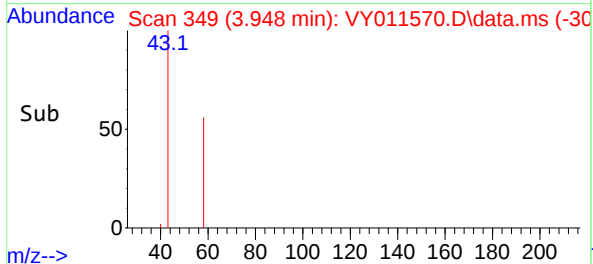
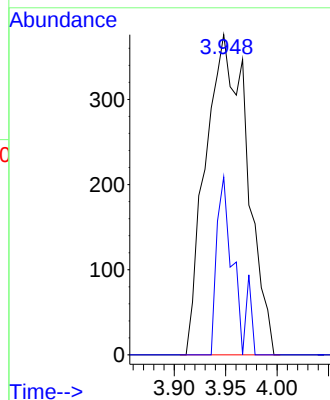
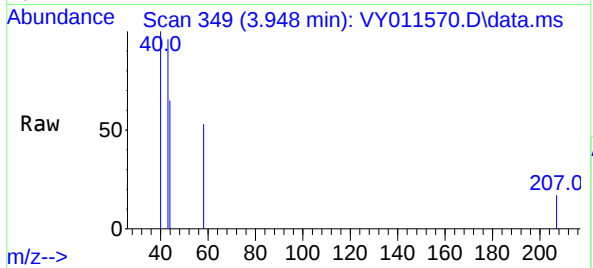




#16
Acetone
Concen: 2.761 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

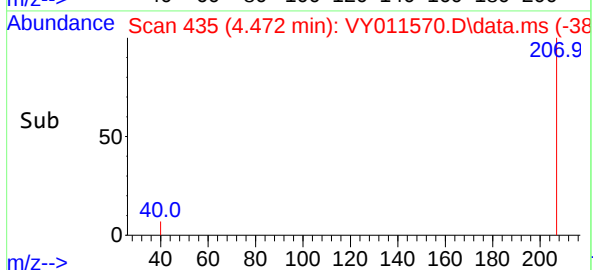
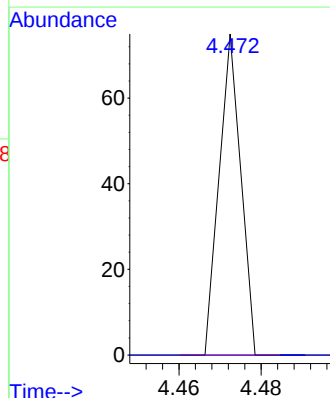
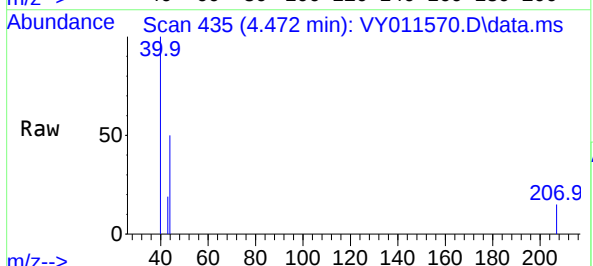
Instrument :
MSVOA_Y
ClientSampleId :

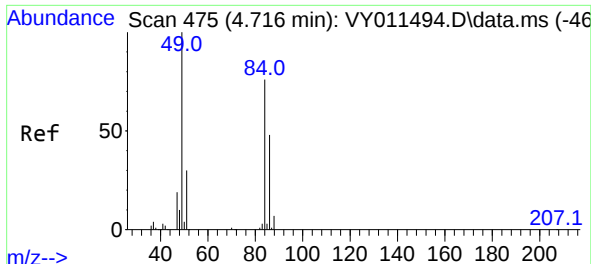
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 55.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.013 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

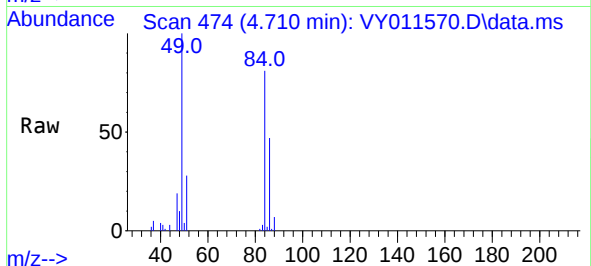
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



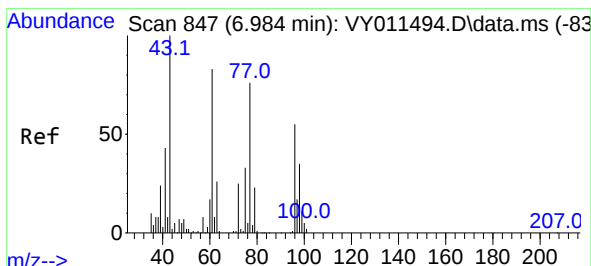
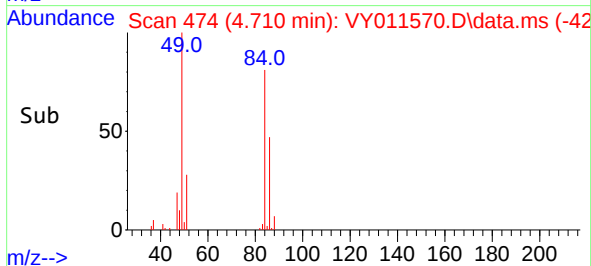
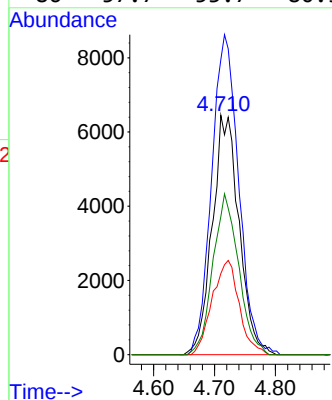


#20
Methylene Chloride
Concen: 3.747 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Instrument :
MSVOA_Y
ClientSampleId :

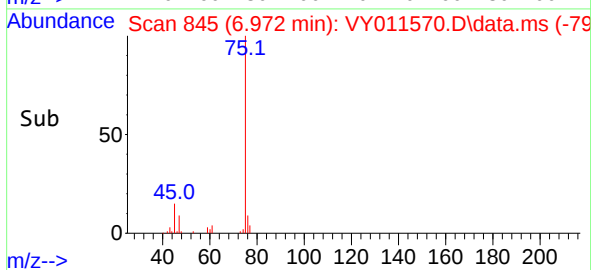
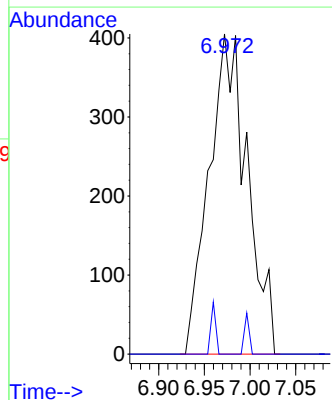
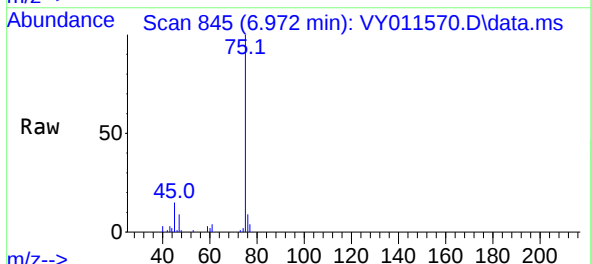


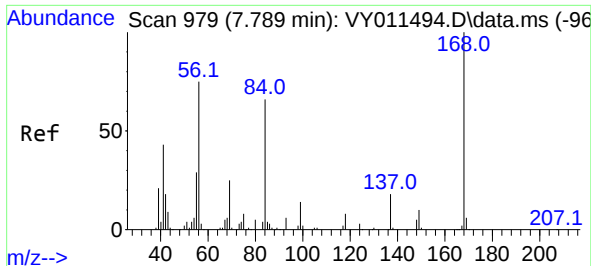
Tgt Ion: 84 Resp: 19718
Ion Ratio Lower Upper
84 100
49 123.3 114.4 171.6
51 33.9 35.3 52.9#
86 57.7 53.7 80.5



#25
2-Butanone
Concen: 2.337 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

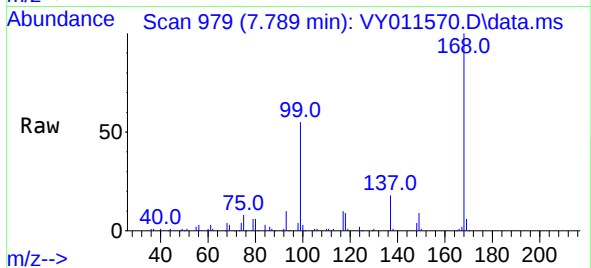
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



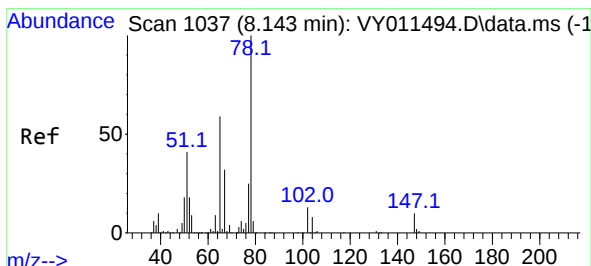
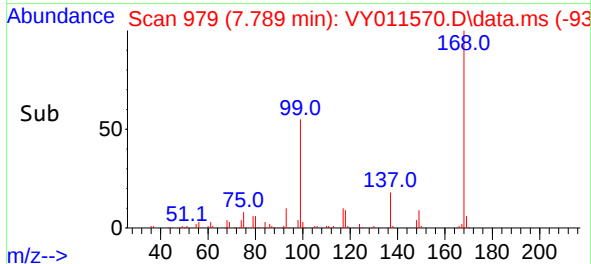
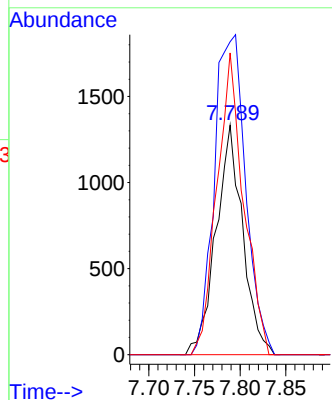


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Instrument :
MSVOA_Y
ClientSampleId :

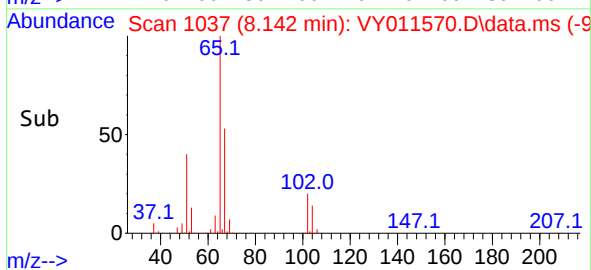
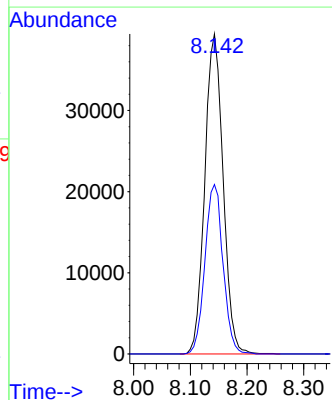
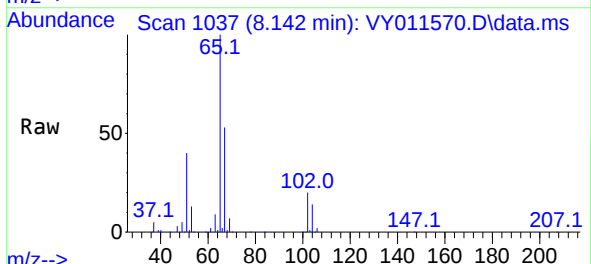


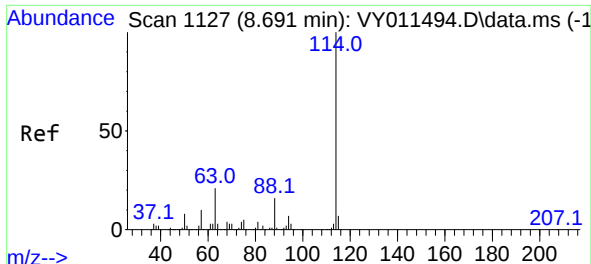
Tgt Ion: 56 Resp: 2709
Ion Ratio Lower Upper
56 100
69 136.4 26.7 40.1#
84 131.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 74.965 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Tgt Ion: 65 Resp: 88442
Ion Ratio Lower Upper
65 100
67 52.3 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: VY011570.D

Acq: 23 Nov 2022 13:14

Instrument :

MSVOA_Y

ClientSampleId :

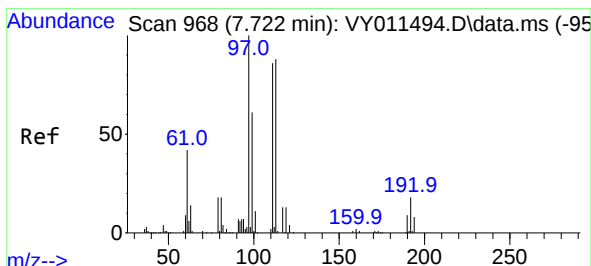
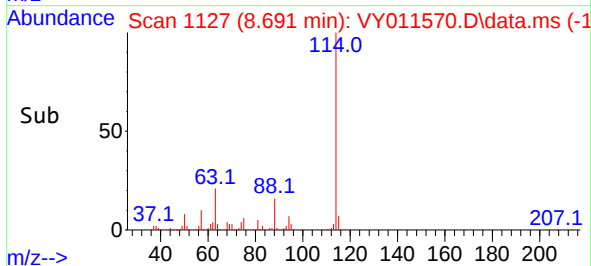
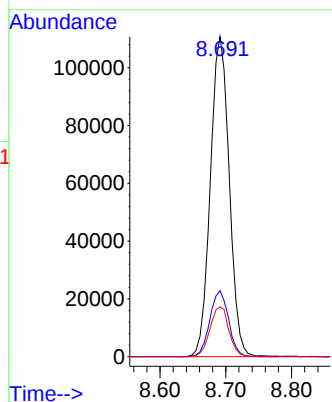
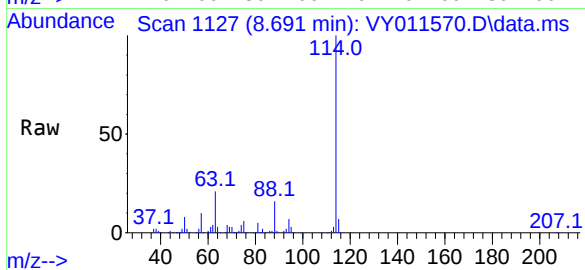
Tgt Ion:114 Resp: 221181

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.641 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011570.D

Acq: 23 Nov 2022 13:14

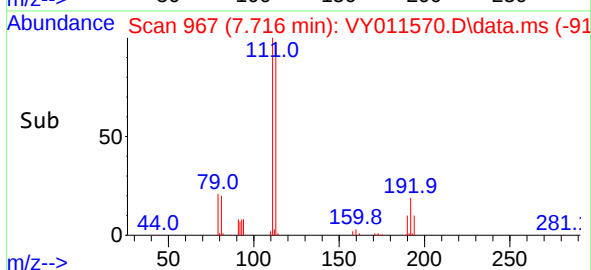
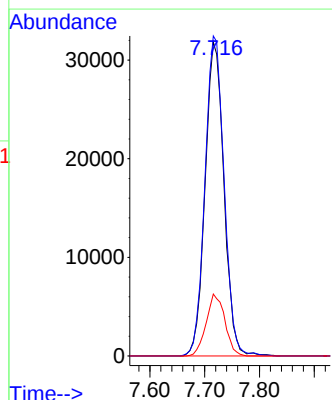
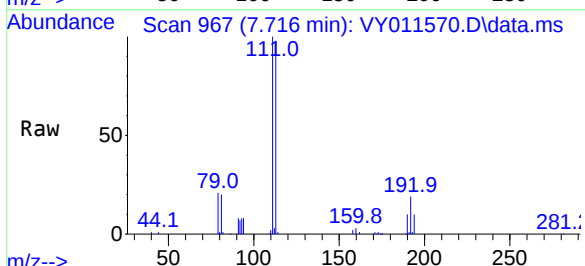
Tgt Ion:113 Resp: 75760

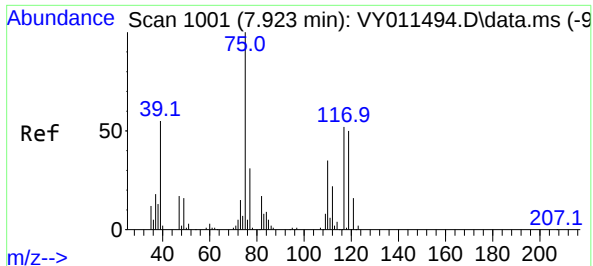
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.496 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

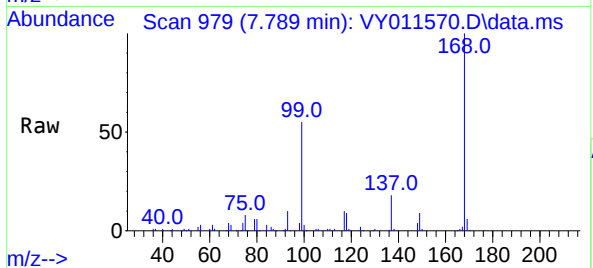
Lab File: VY011570.D

Acq: 23 Nov 2022 13:14

Instrument :

MSVOA_Y

ClientSampleId :



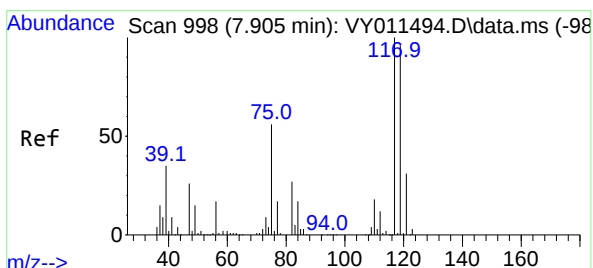
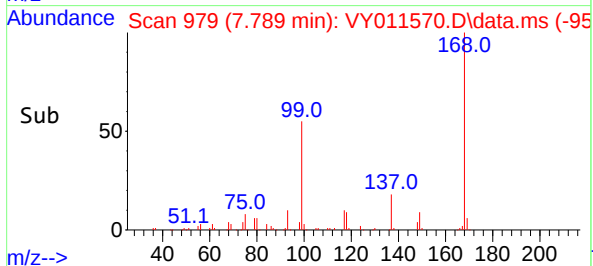
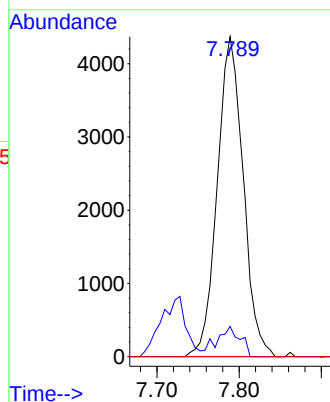
Tgt Ion: 75 Resp: 9570

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.053 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011570.D

Acq: 23 Nov 2022 13:14

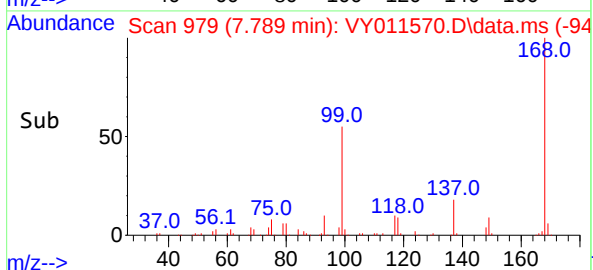
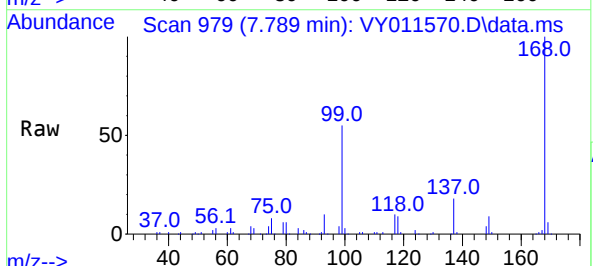
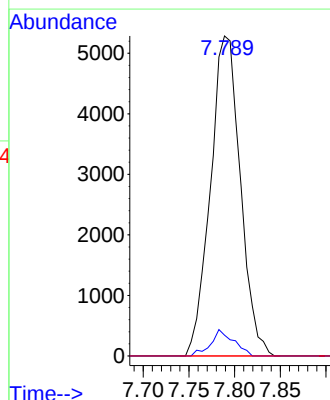
Tgt Ion: 117 Resp: 12032

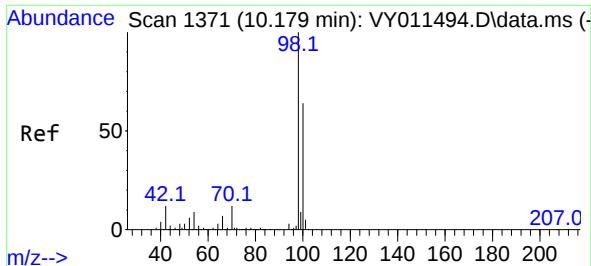
Ion Ratio Lower Upper

117 100

119 6.5 77.9 116.9#

121 0.0 24.8 37.2#

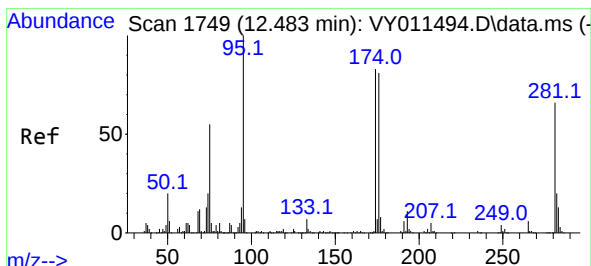
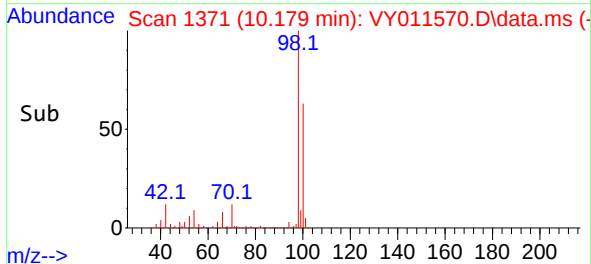
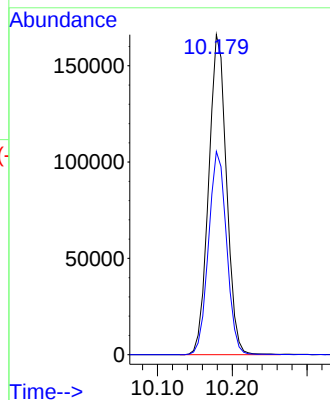
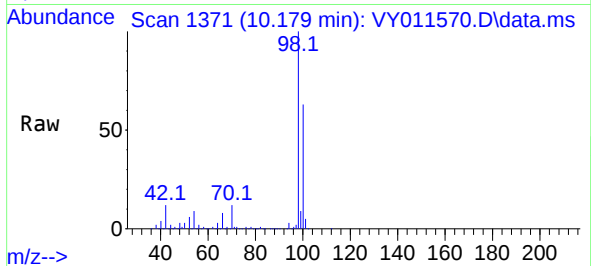




#50
Toluene-d8
Concen: 55.670 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

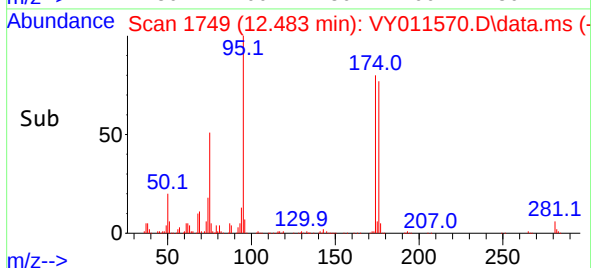
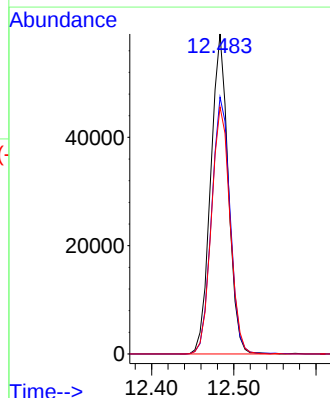
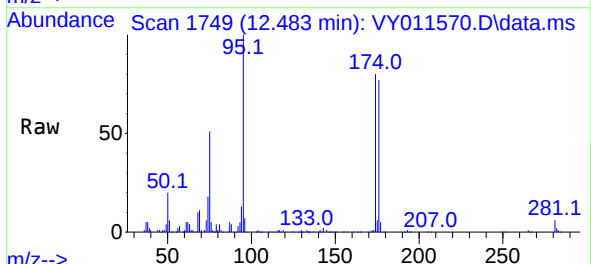
Instrument :
MSVOA_Y
ClientSampleId :

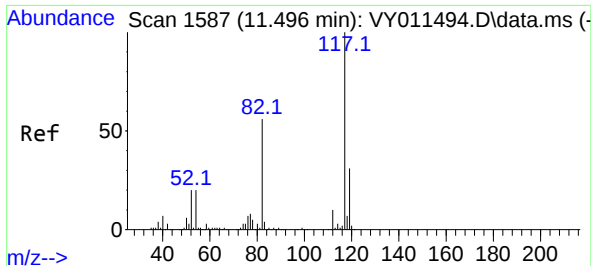
Tgt Ion: 98 Resp: 275448
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.032 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

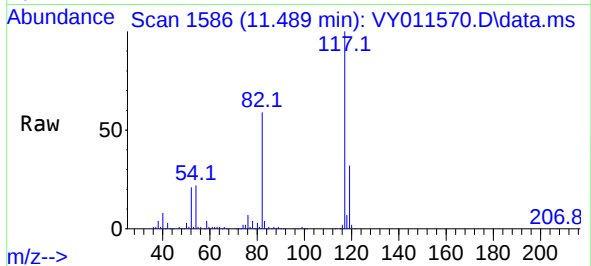
Tgt Ion: 95 Resp: 87868
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.3 0.0 175.8



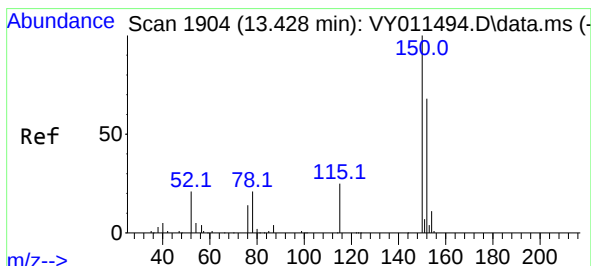
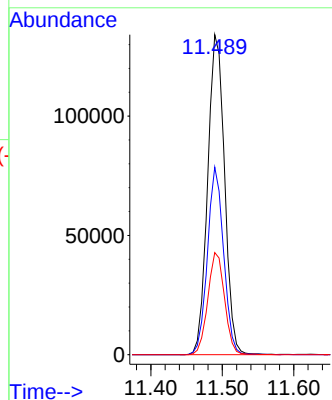
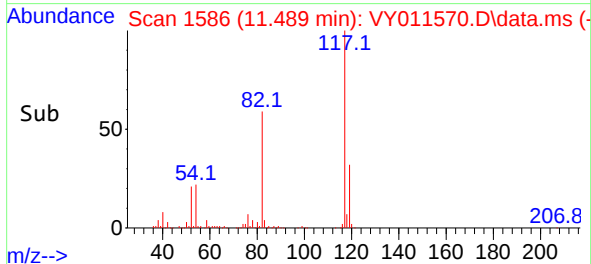


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

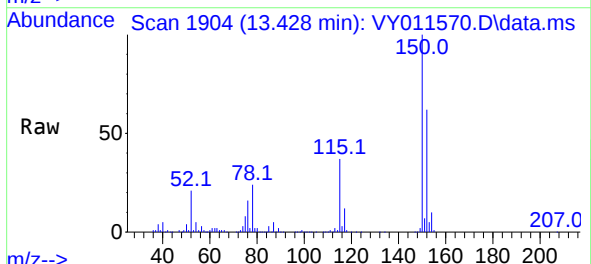
Instrument :
MSVOA_Y
ClientSampleId :



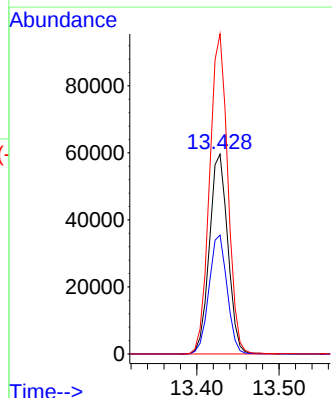
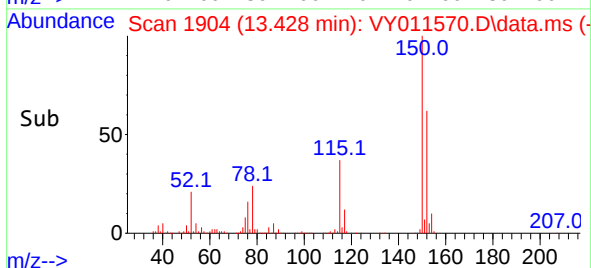
Tgt Ion:117 Resp: 220457
Ion Ratio Lower Upper
117 100
82 58.6 43.0 64.4
119 31.9 25.4 38.0

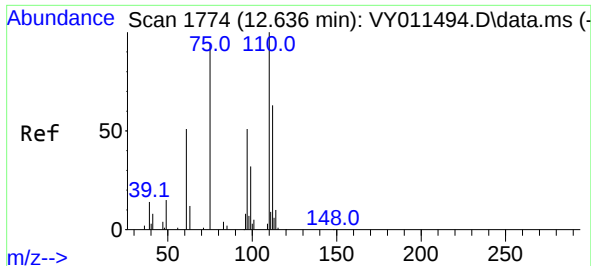


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14



Tgt Ion:152 Resp: 92644
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 158.6 0.0 347.6

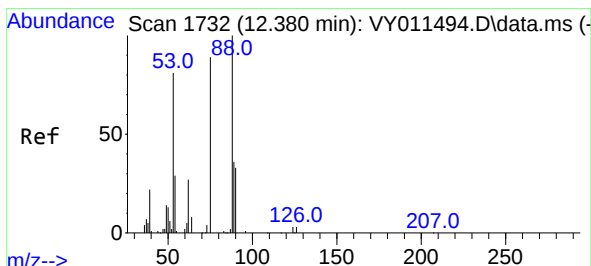
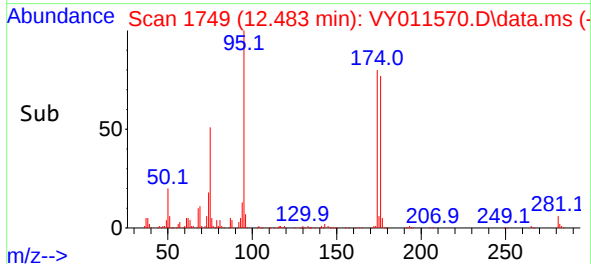
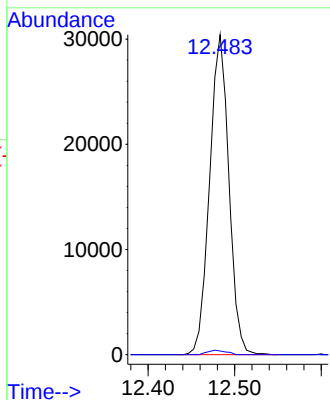
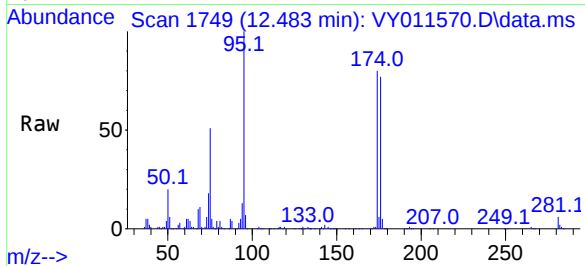




#76
1,2,3-Trichloropropane
Concen: 47.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

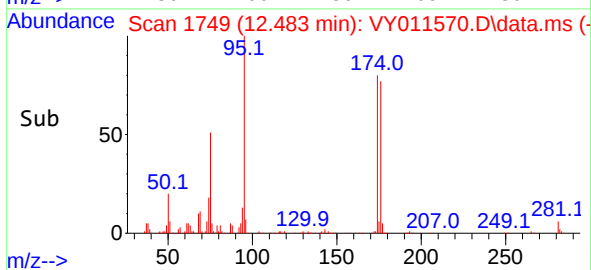
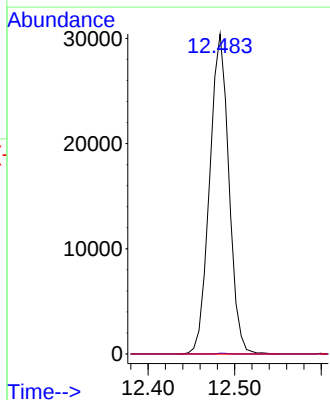
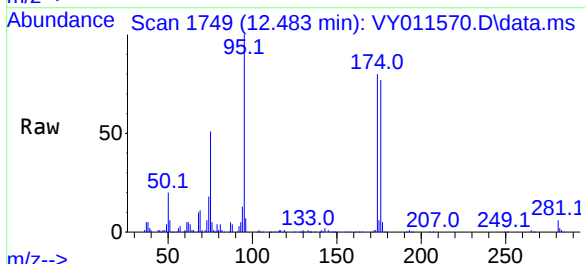
Instrument :
MSVOA_Y
ClientSampleId :

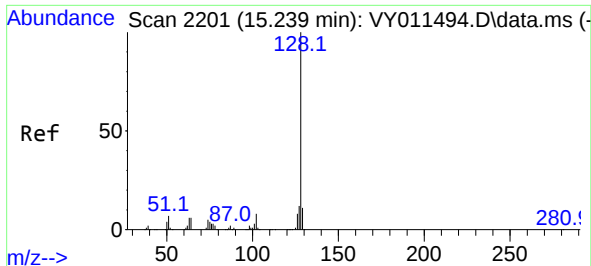
Tgt Ion: 75 Resp: 47005
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011570.D
Acq: 23 Nov 2022 13:14

Tgt Ion: 75 Resp: 47005
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.160 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

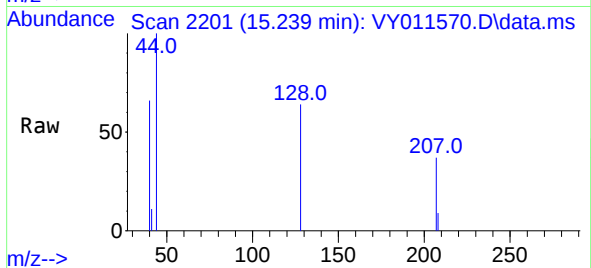
Lab File: VY011570.D

Acq: 23 Nov 2022 13:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	500
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

