

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011527.D
 Acq On : 21 Nov 2022 16:26
 Operator : KP/MD
 Sample : N5678-05RE
 Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:46:29 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)

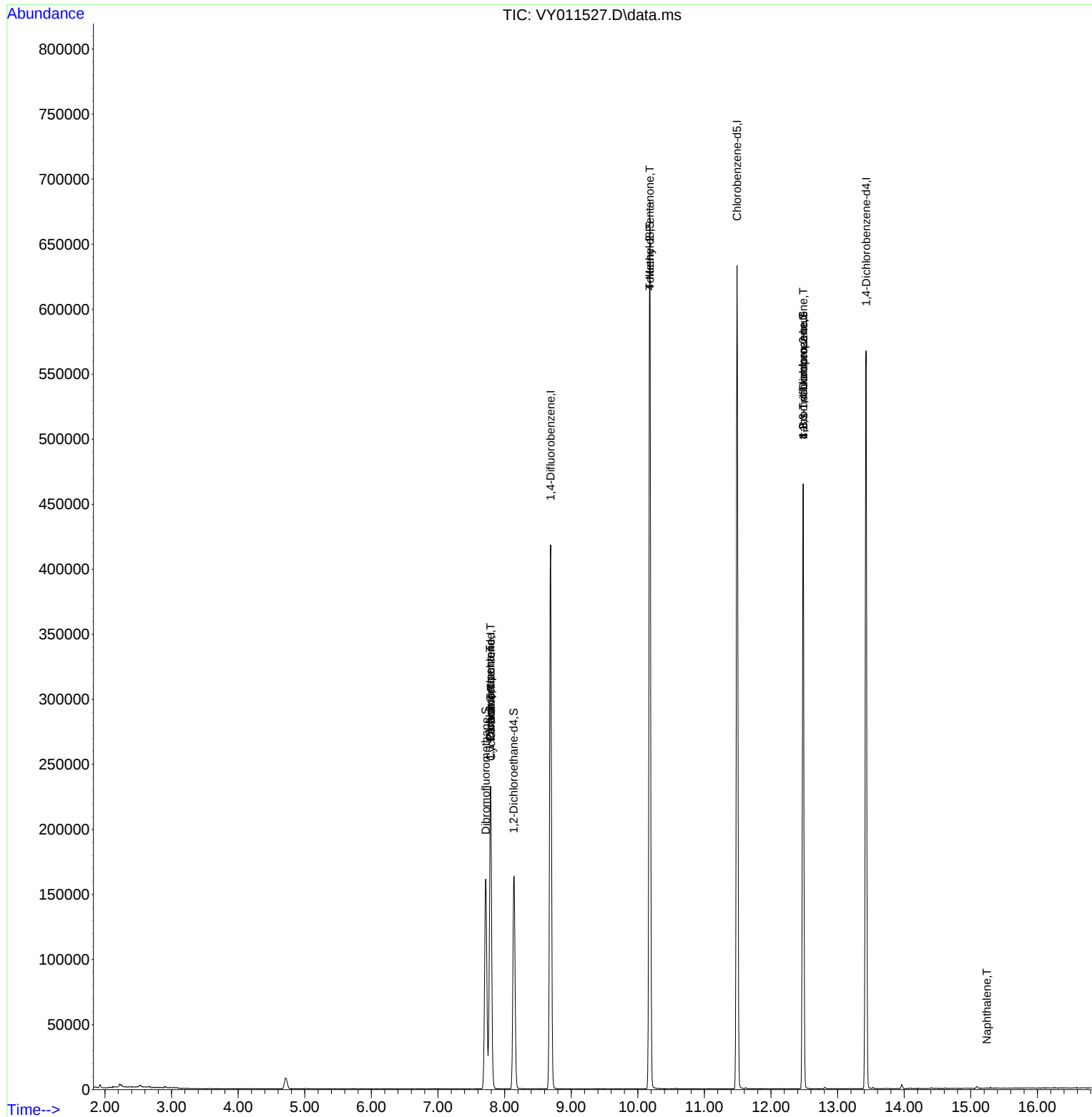
Internal Standards						
1) Pentafluorobenzene	7.789	168	177575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131601	72.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.980%	
35) Dibromofluoromethane	7.715	113	112713	52.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.780%	
50) Toluene-d8	10.178	98	428925	55.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.780%	
62) 4-Bromofluorobenzene	12.483	95	136215	47.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	184	Below Cal	#	87
5) Bromomethane	2.655	94	233	Below Cal		100
11) Tert butyl alcohol	4.960	59	24	Below Cal	#	77
18) Methyl Acetate	4.466	43	105	Below Cal	#	56
20) Methylene Chloride	4.722	84	6338	Below Cal	#	82
31) Cyclohexane	7.795	56	4092	1.369	ug/l #	5
36) 1,1-Dichloropropene	7.782	75	14111	4.236	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17528	4.703	ug/l #	15
51) 4-Methyl-2-Pentanone	10.178	43	1986	1.044	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	73242	47.535	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73242	104.117	ug/l #	7
95) Naphthalene	15.238	128	192	4.055	ug/l #	69

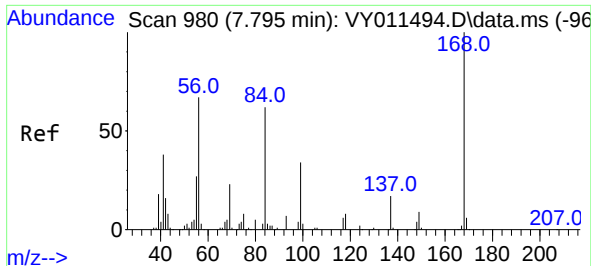
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
Data File : VY011527.D
Acq On : 21 Nov 2022 16:26
Operator : KP/MD
Sample : N5678-05RE
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 01:46:29 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

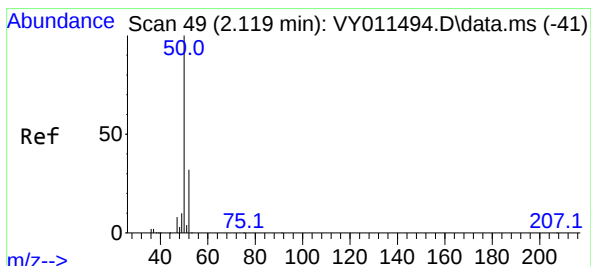
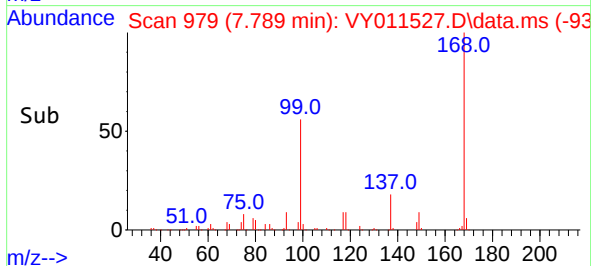
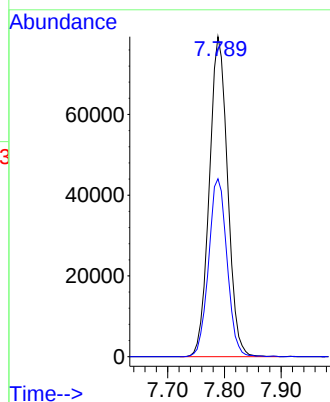
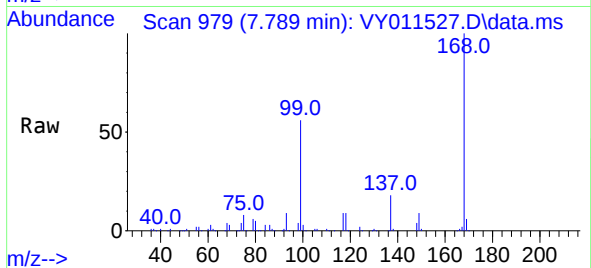




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

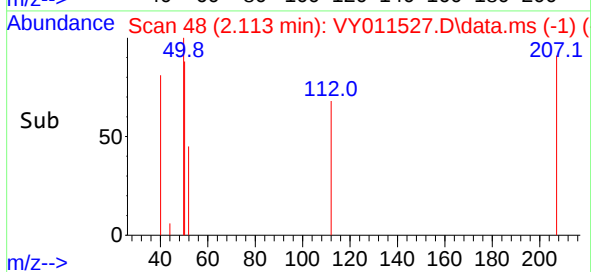
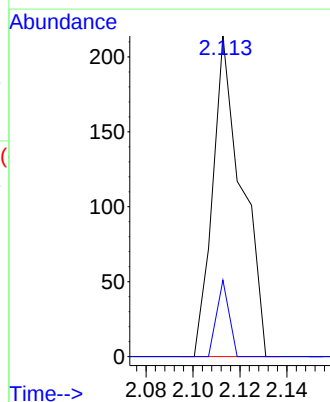
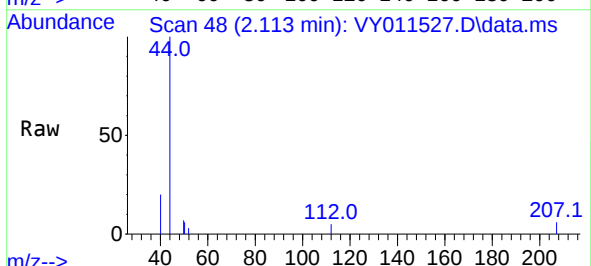
Instrument :
MSVOA_Y
ClientSampleId :

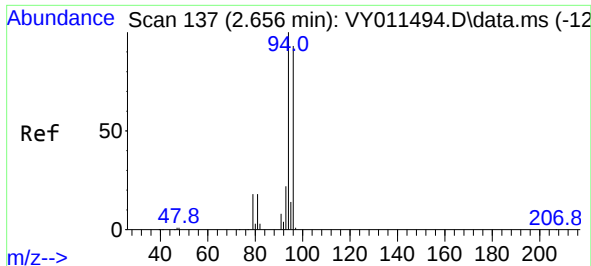
Tgt Ion:168 Resp: 177575
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

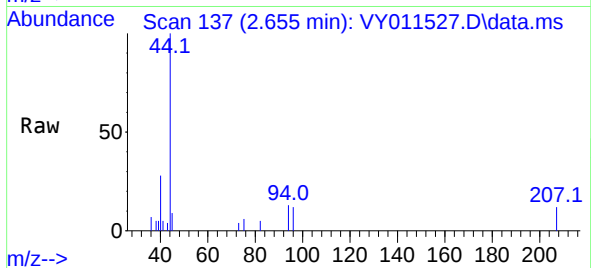
Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 23.8 24.6 37.0#



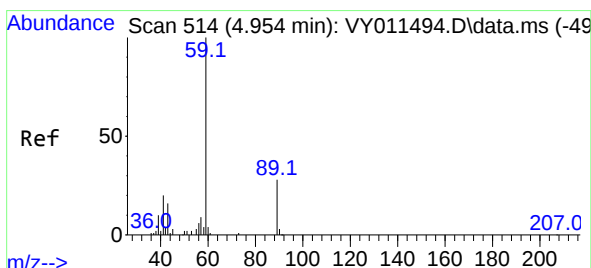
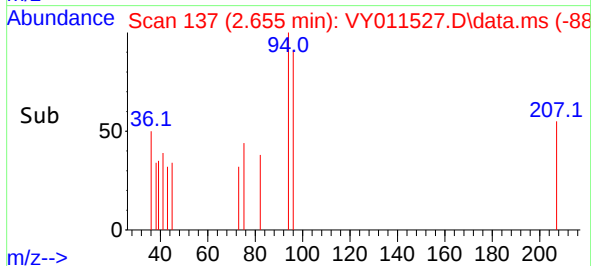
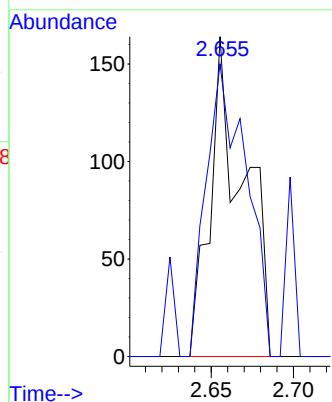


#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

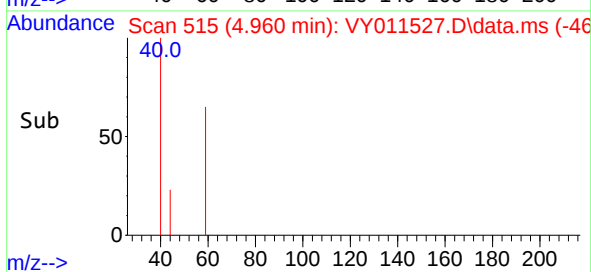
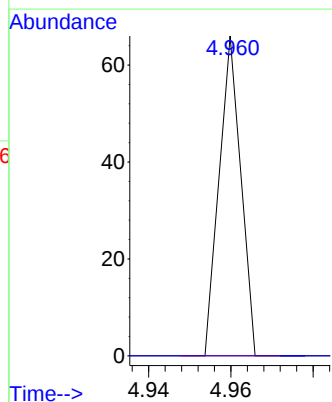
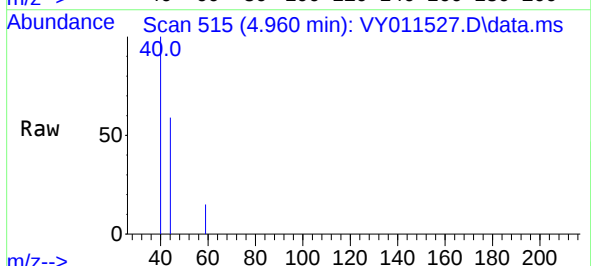


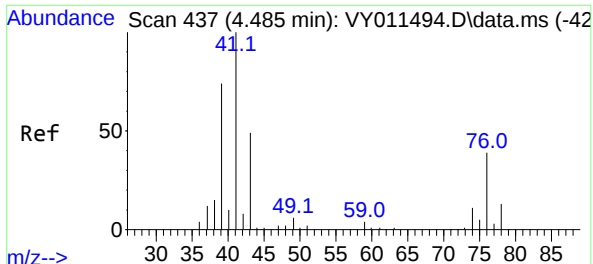
Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion: 59 Resp: 24
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.019 min

Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

Instrument :

MSVOA_Y

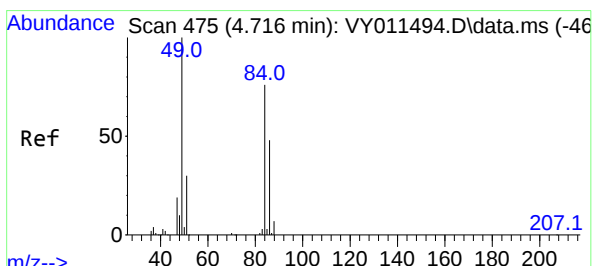
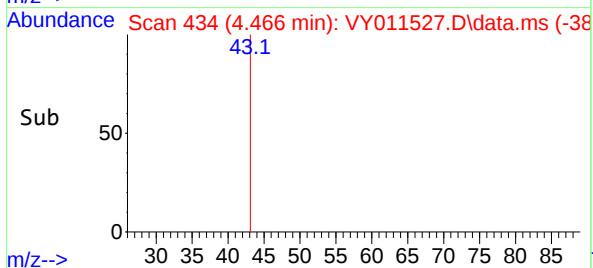
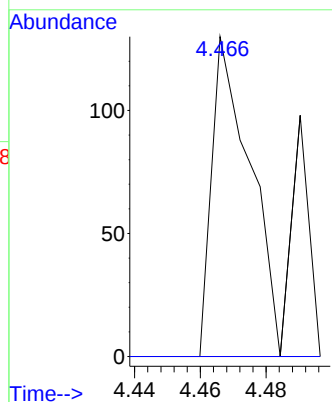
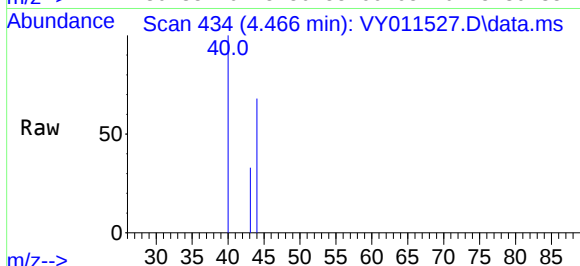
ClientSampleId :

Tgt Ion: 43 Resp: 105

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

Tgt Ion: 84 Resp: 6338

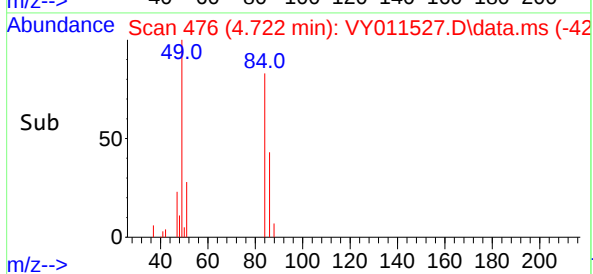
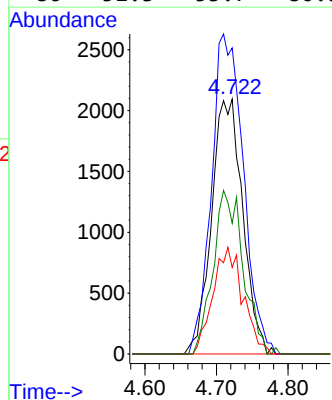
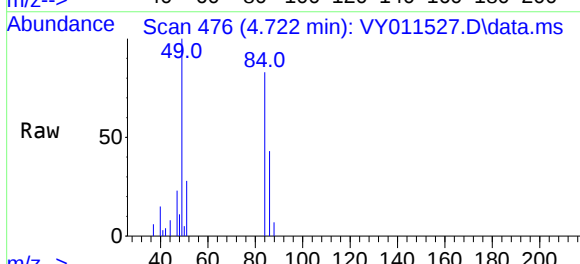
Ion Ratio Lower Upper

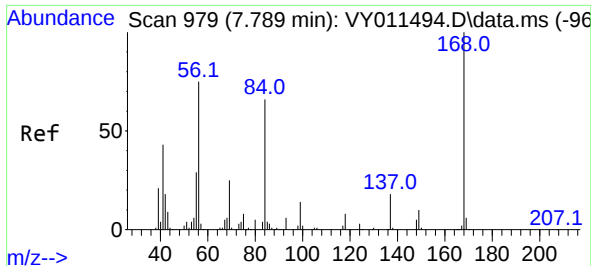
84 100

49 120.0 114.4 171.6

51 34.0 35.3 52.9#

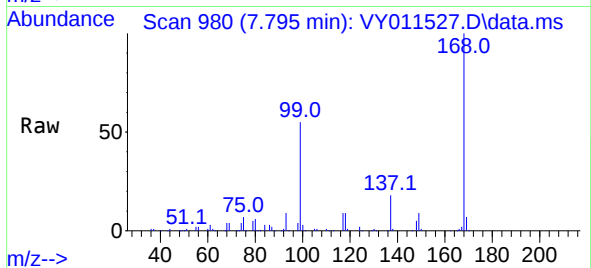
86 51.3 53.7 80.5#



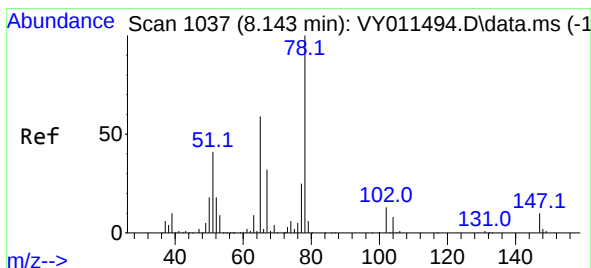
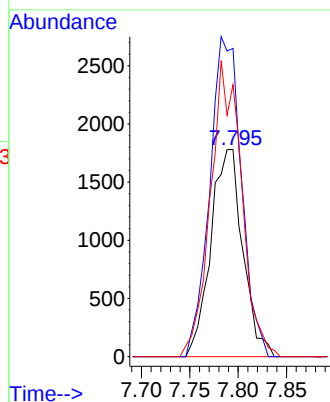
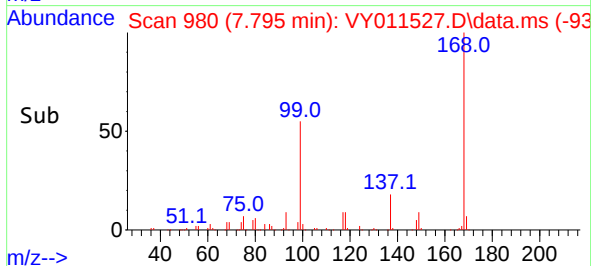


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

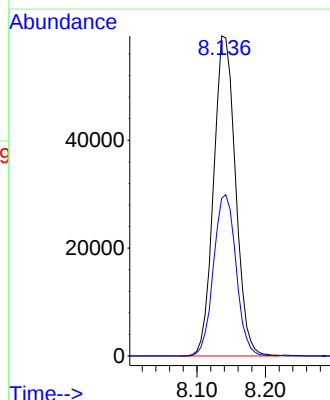
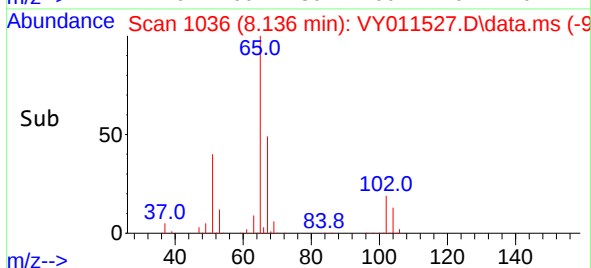
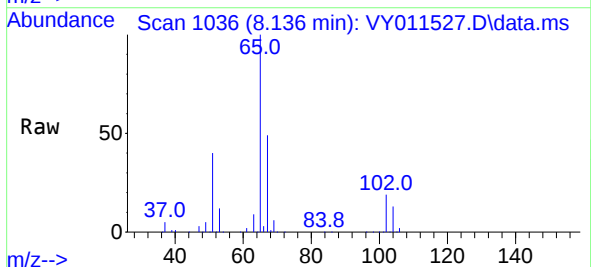


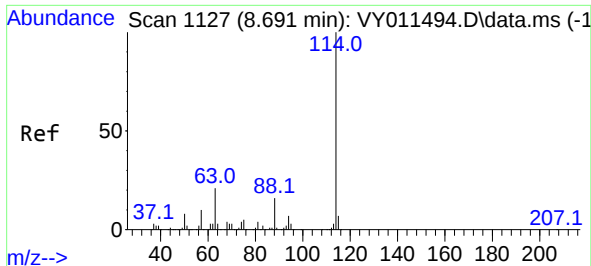
Tgt Ion: 56 Resp: 4092
Ion Ratio Lower Upper
56 100
69 148.8 26.7 40.1#
84 131.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 72.986 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion: 65 Resp: 131601
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

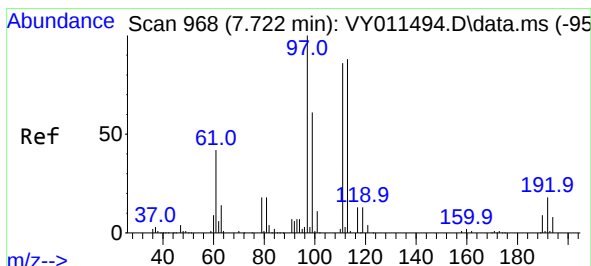
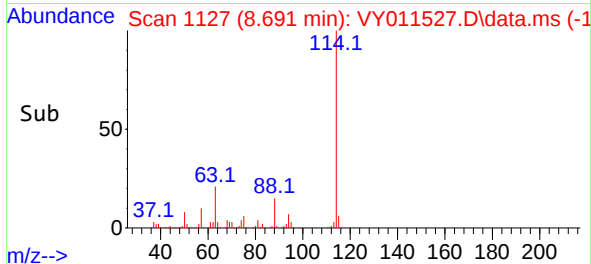
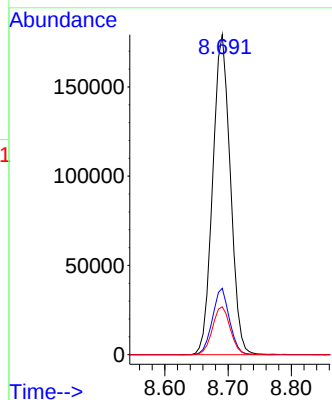
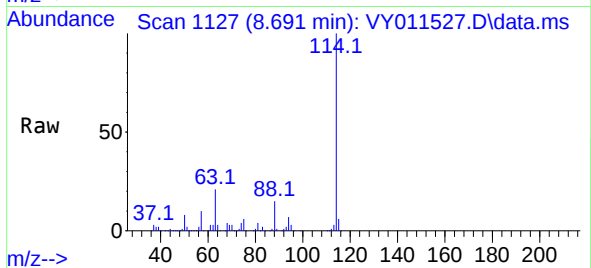
Tgt Ion:114 Resp: 346177

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.891 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.007 min

Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

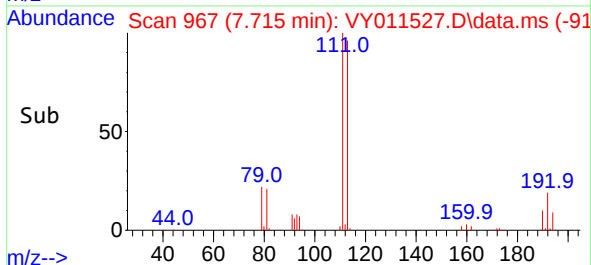
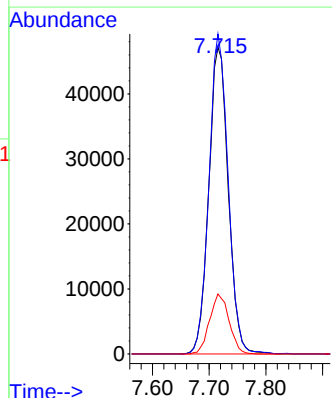
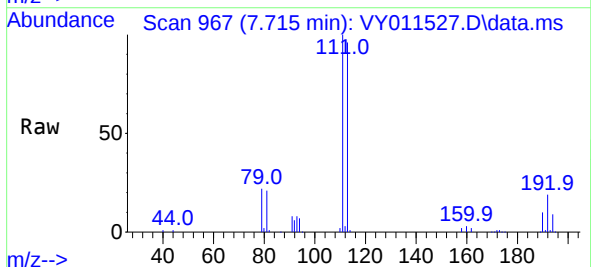
Tgt Ion:113 Resp: 112713

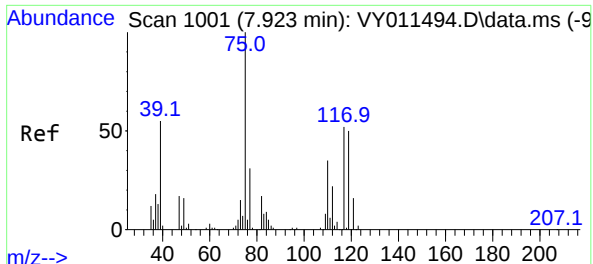
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.236 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.141 min

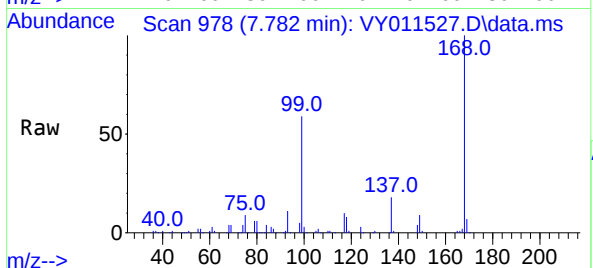
Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :



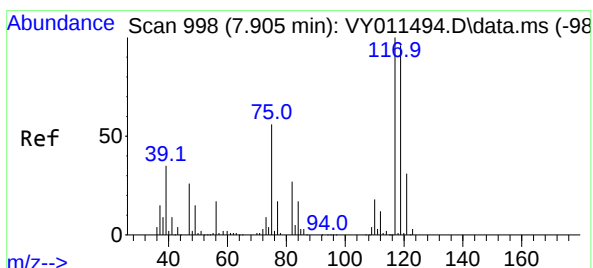
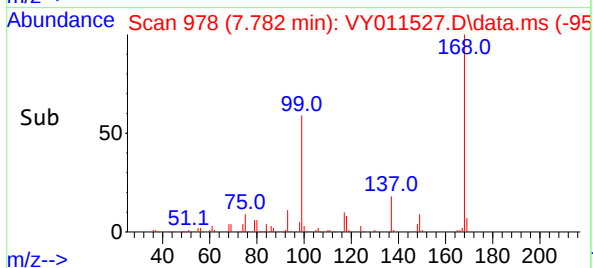
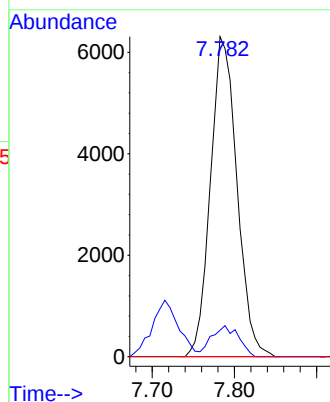
Tgt Ion: 75 Resp: 14111

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.703 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011527.D

Acq: 21 Nov 2022 16:26

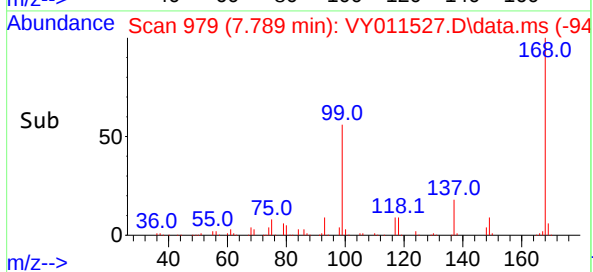
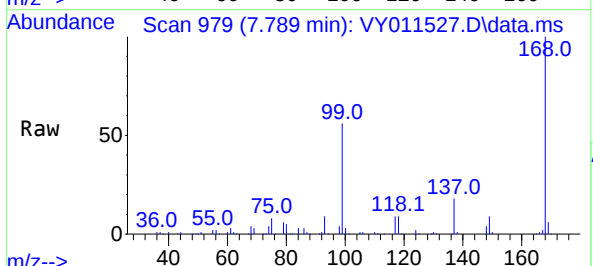
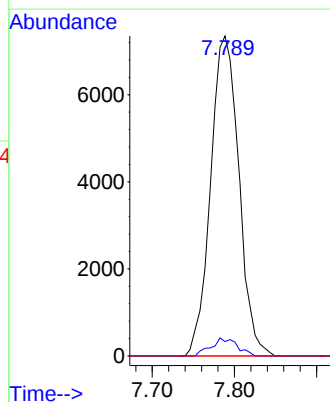
Tgt Ion: 117 Resp: 17528

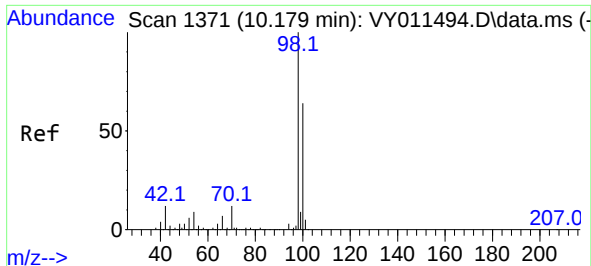
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

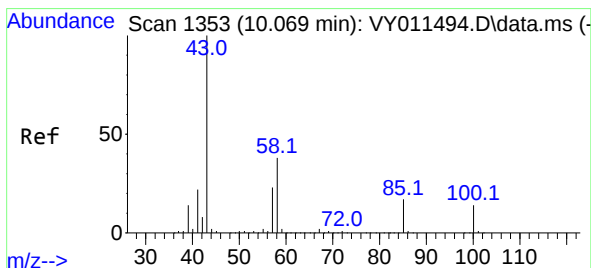
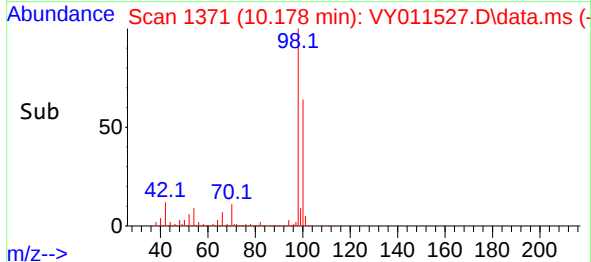
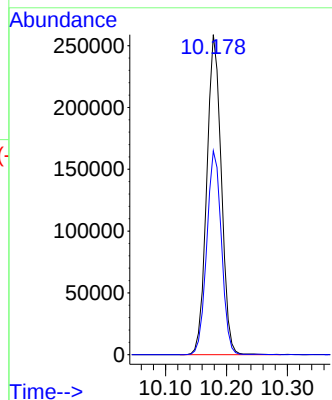
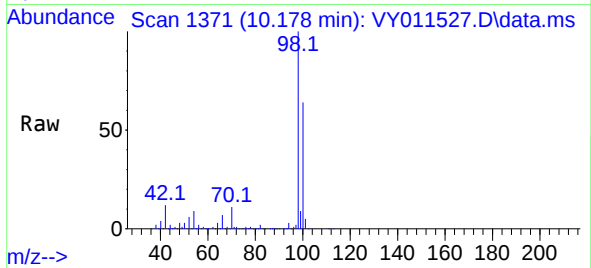




#50
Toluene-d8
Concen: 55.388 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

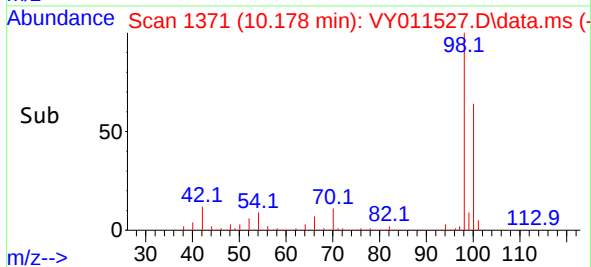
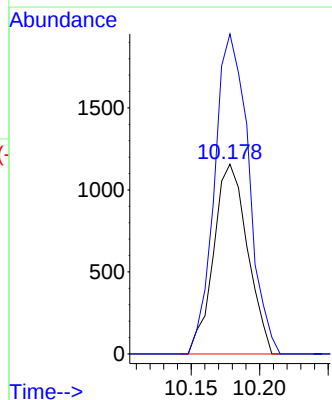
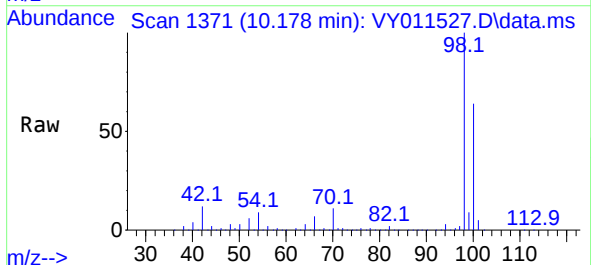
Instrument :
MSVOA_Y
ClientSampleId :

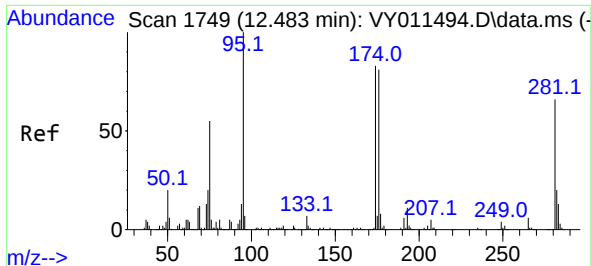
Tgt Ion: 98 Resp: 428925
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.044 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.109 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
58 169.8 28.1 42.1#

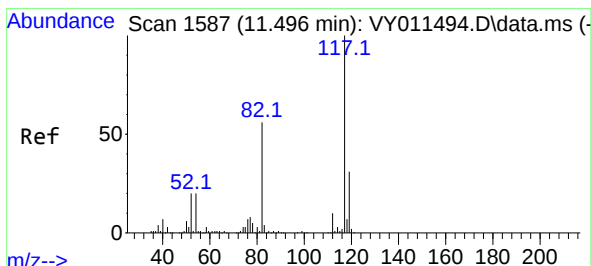
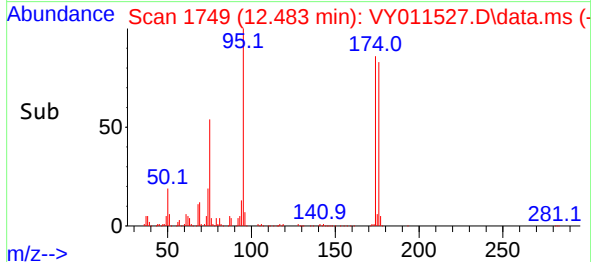
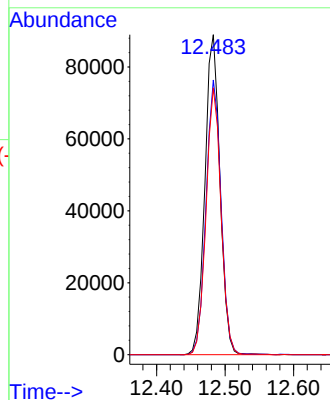
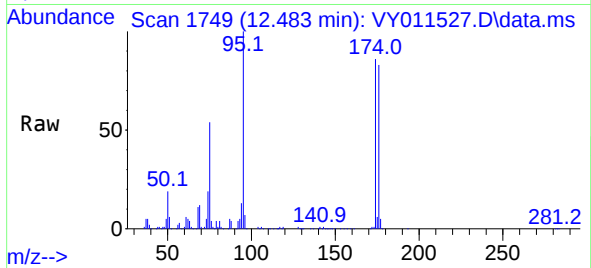




#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

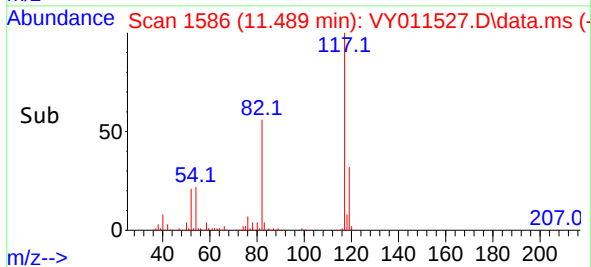
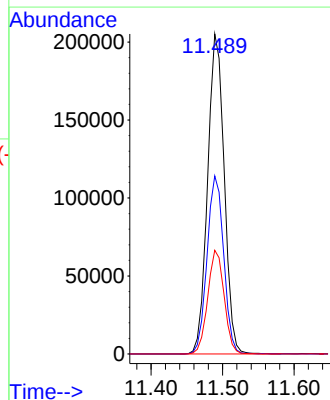
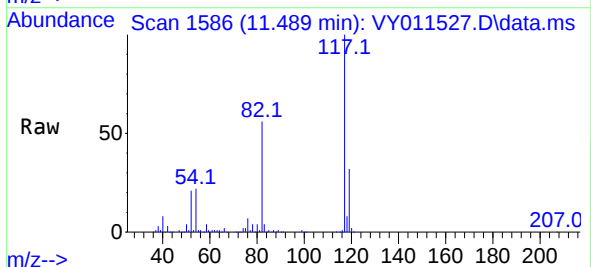
Instrument :
MSVOA_Y
ClientSampleId :

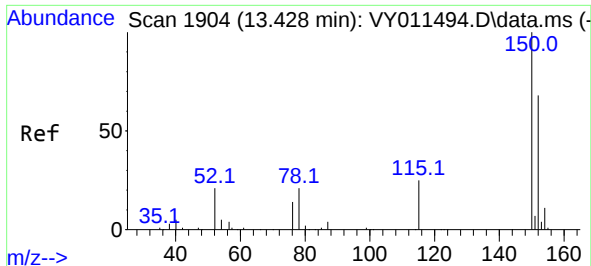
Tgt Ion: 95 Resp: 136215
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

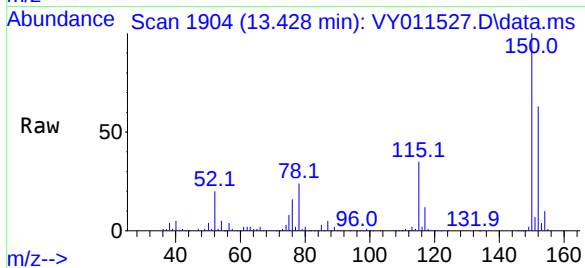
Tgt Ion: 117 Resp: 330967
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 32.4 25.4 38.0



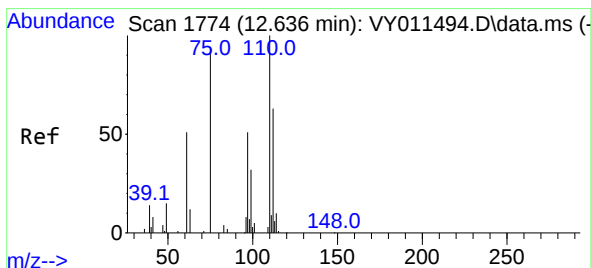
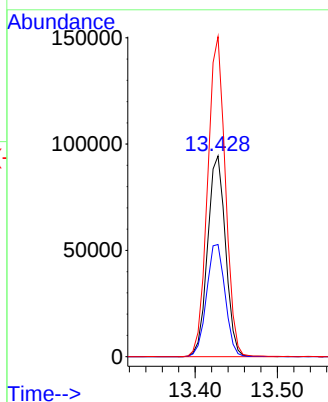
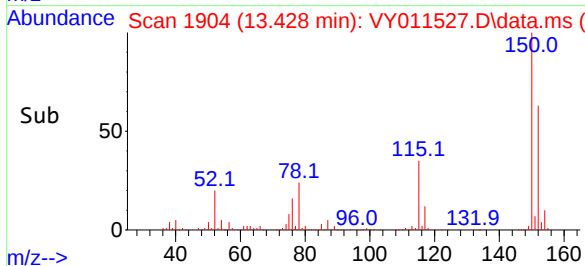


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

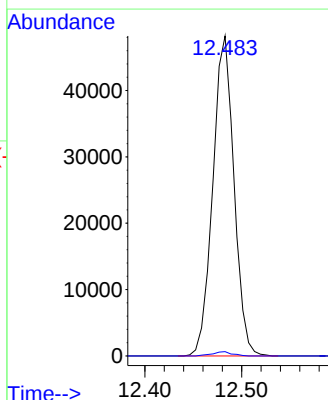
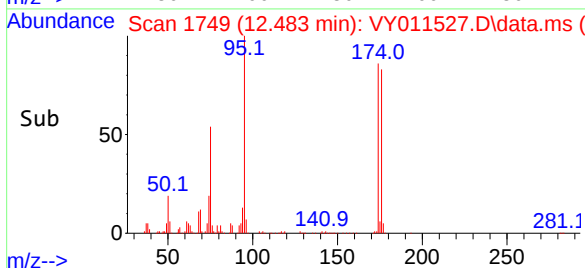
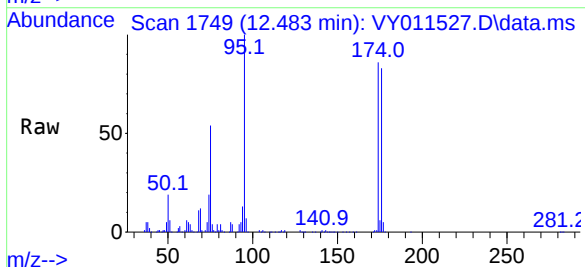


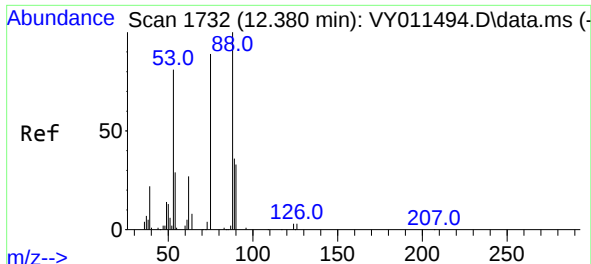
Tgt Ion:152 Resp: 143074
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion: 75 Resp: 73242
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

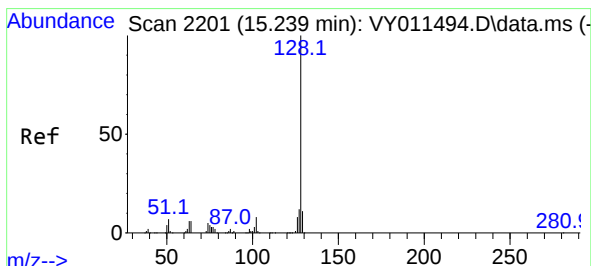
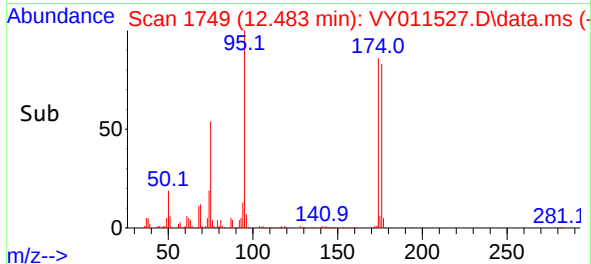
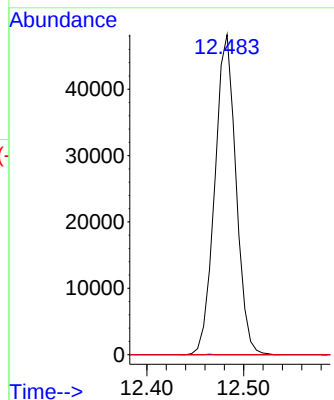
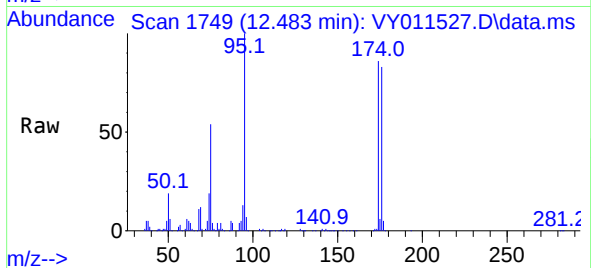




#81
trans-1,4-Dichloro-2-butene
Concen: 104.117 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 73242
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.055 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY011527.D
Acq: 21 Nov 2022 16:26

Tgt Ion:128 Resp: 192
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

