

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011558.D
 Acq On : 22 Nov 2022 19:09
 Operator : KP/MD
 Sample : N5678-19RE
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:09:14 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)

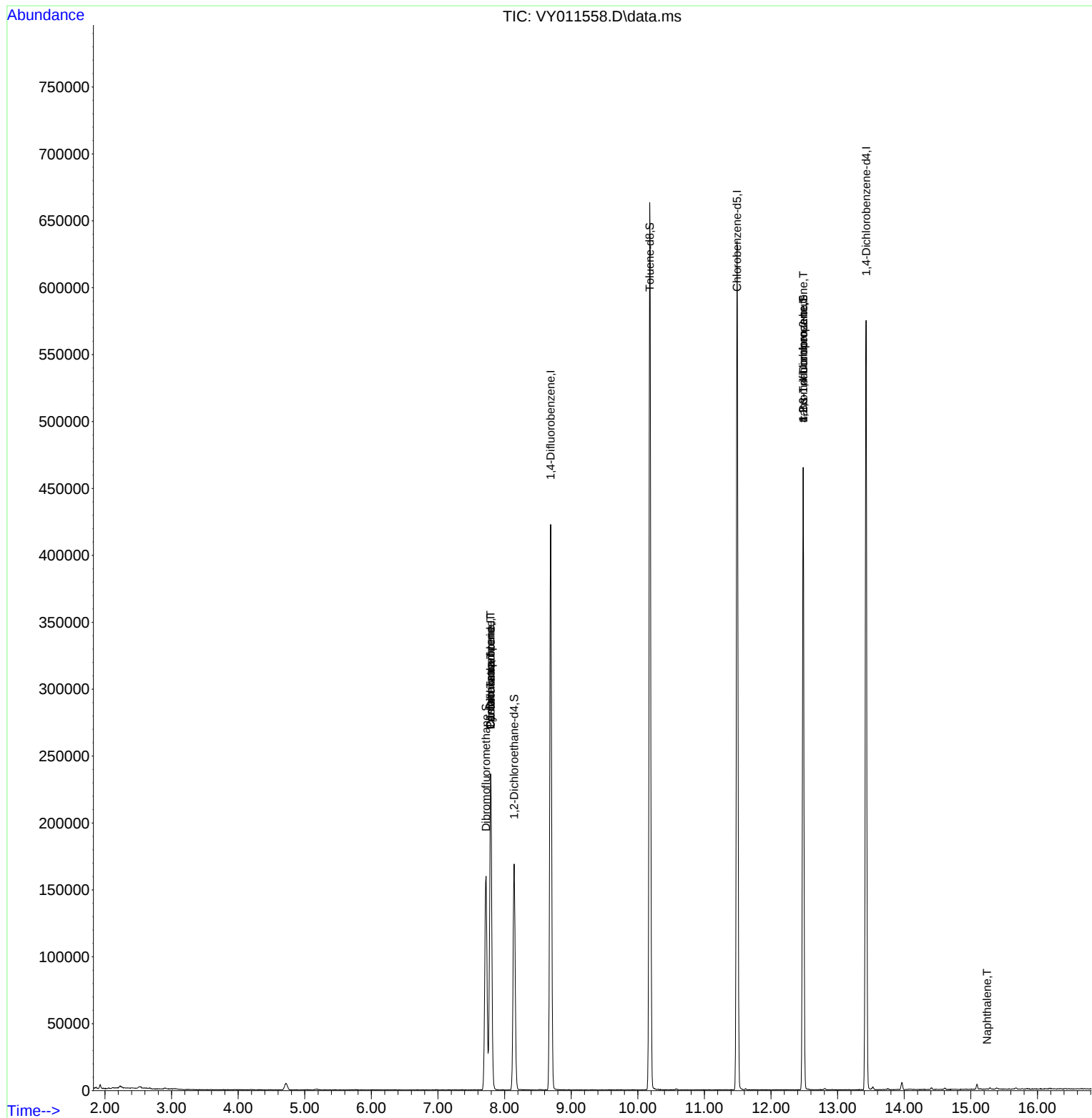
Internal Standards						
1) Pentafluorobenzene	7.789	168	178990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129698	71.362	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.720%			
35) Dibromofluoromethane	7.722	113	113576	53.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.880%			
50) Toluene-d8	10.179	98	426146	55.180	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.360%			
62) 4-Bromofluorobenzene	12.483	95	137336	48.097	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	45	Below Cal	#	43
3) Chloromethane	2.113	50	179	Below Cal	#	52
5) Bromomethane	2.674	94	50	Below Cal		92
18) Methyl Acetate	4.478	43	128	Below Cal	#	56
20) Methylene Chloride	4.716	84	3631	Below Cal		90
31) Cyclohexane	7.789	56	4194	1.392	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14560	4.383	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18418	4.956	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	73401	47.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73401	103.251	ug/l #	7
95) Naphthalene	15.245	128	284	4.071	ug/l #	69

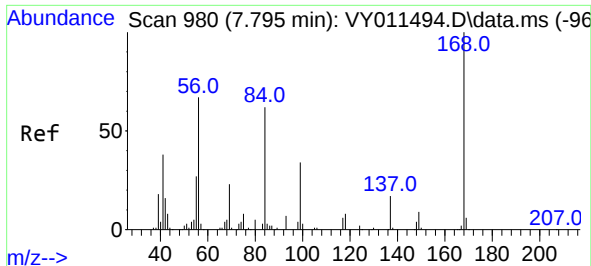
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 04:09:14 2022
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Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

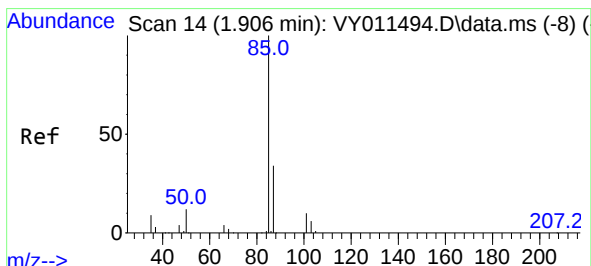
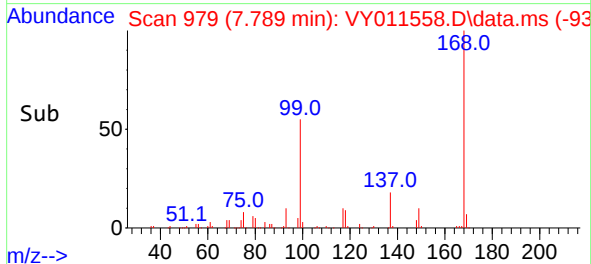
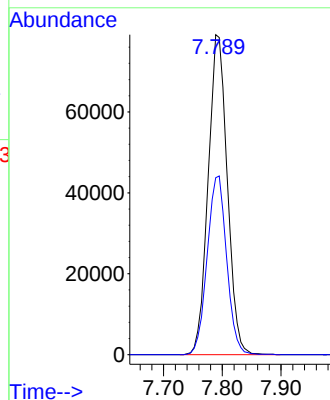
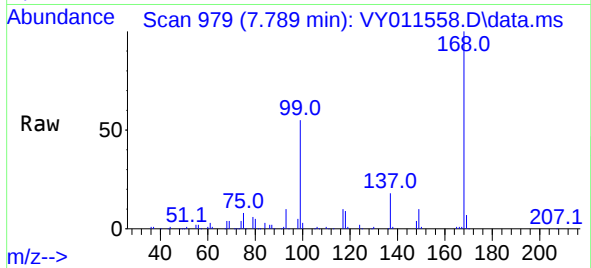




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

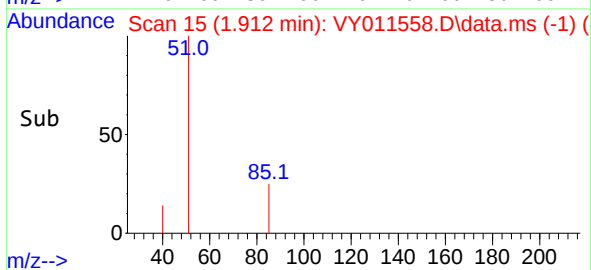
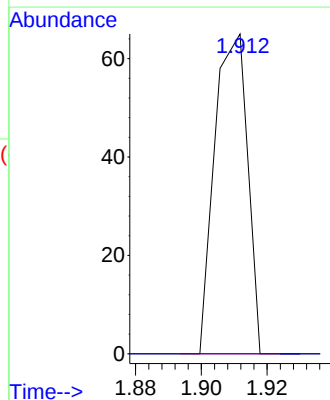
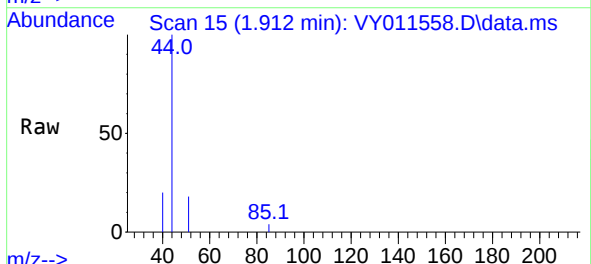
Instrument :
MSVOA_Y
ClientSampleId :

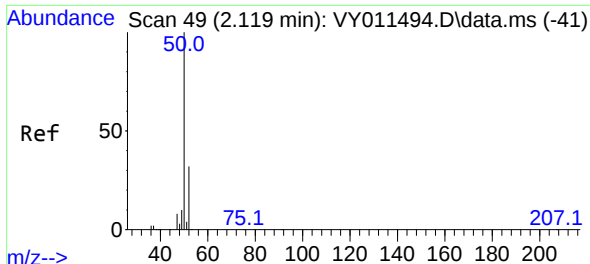
Tgt Ion:168 Resp: 178990
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 85 Resp: 45
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

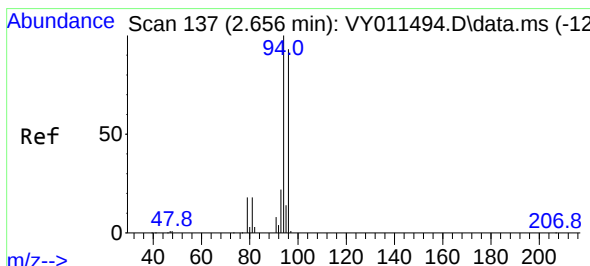
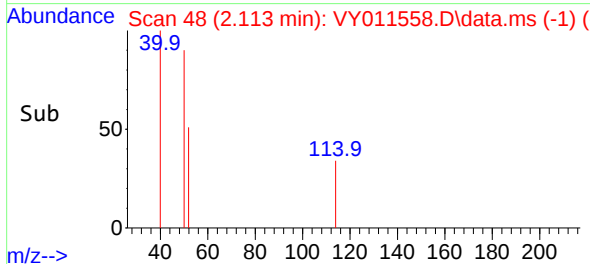
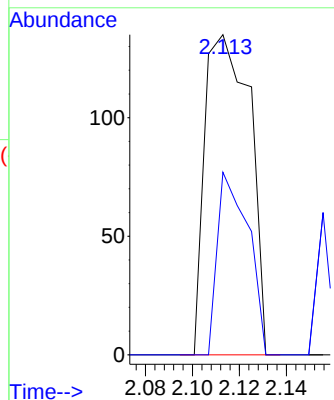
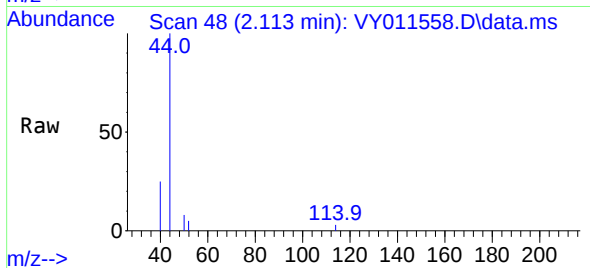




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

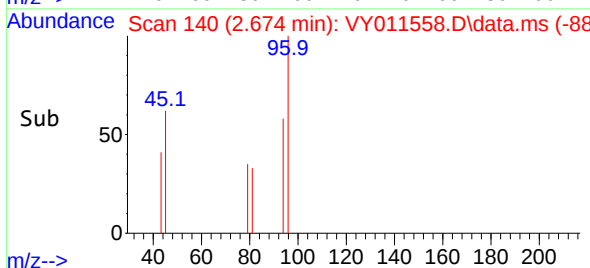
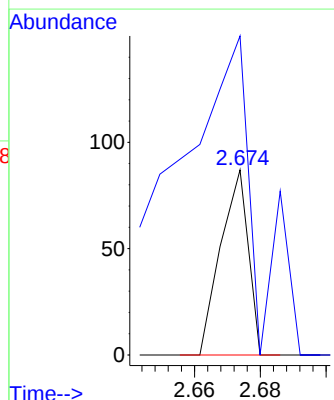
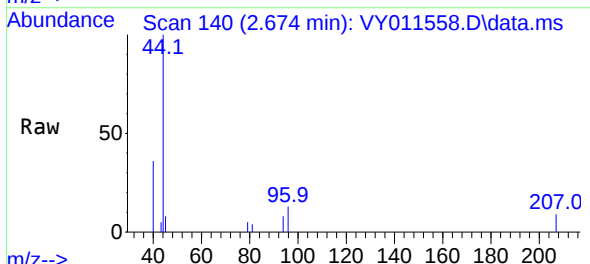
Instrument :
MSVOA_Y
ClientSampleId :

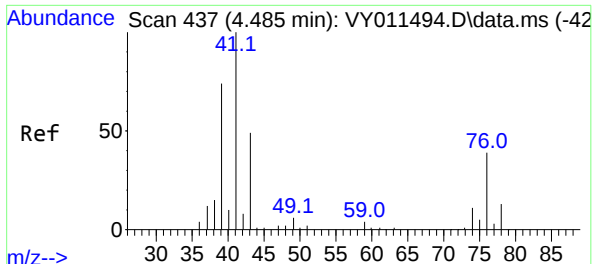
Tgt Ion: 50 Resp: 179
Ion Ratio Lower Upper
50 100
52 57.0 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 83.9 73.5 110.3





#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY011558.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_Y

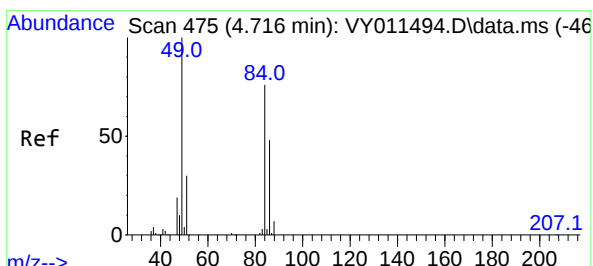
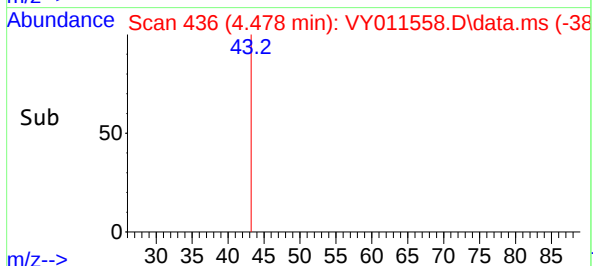
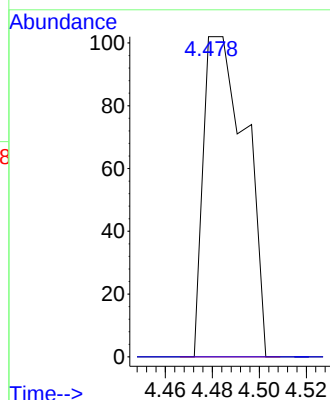
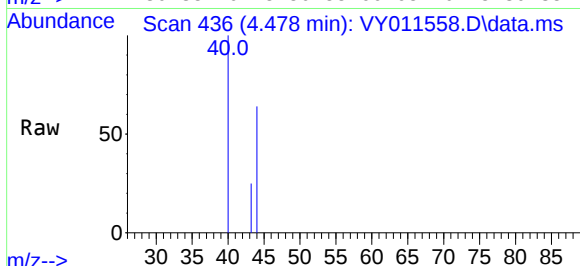
ClientSampleId :

Tgt Ion: 43 Resp: 128

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011558.D

Acq: 22 Nov 2022 19:09

Tgt Ion: 84 Resp: 3631

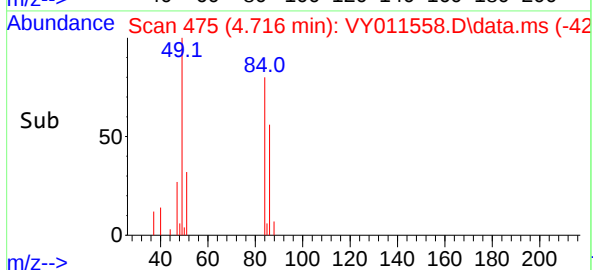
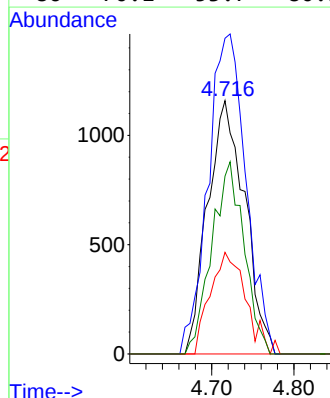
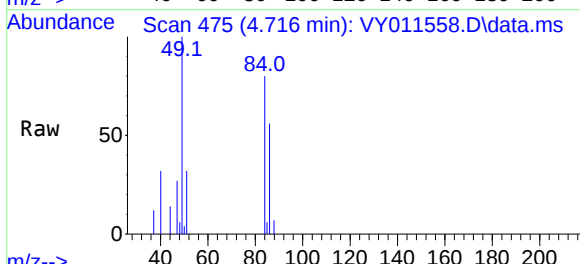
Ion Ratio Lower Upper

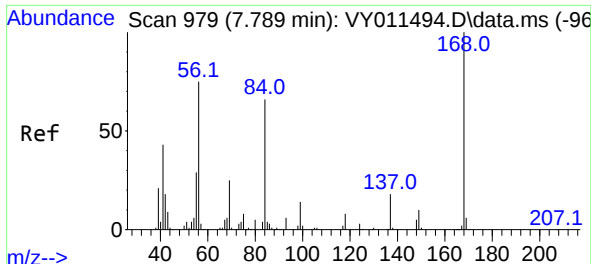
84 100

49 124.6 114.4 171.6

51 40.1 35.3 52.9

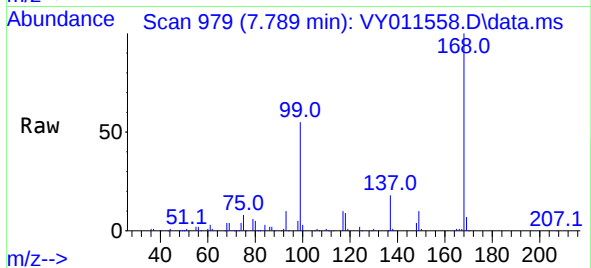
86 70.1 53.7 80.5



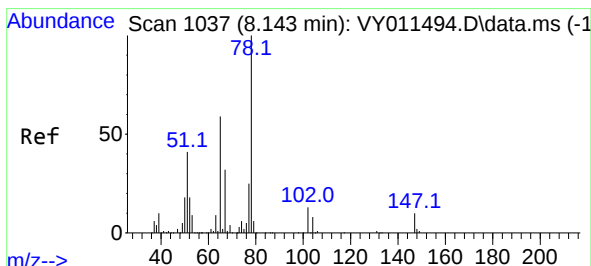
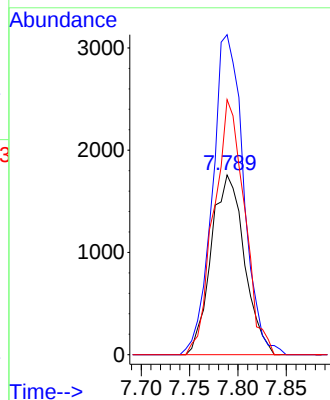
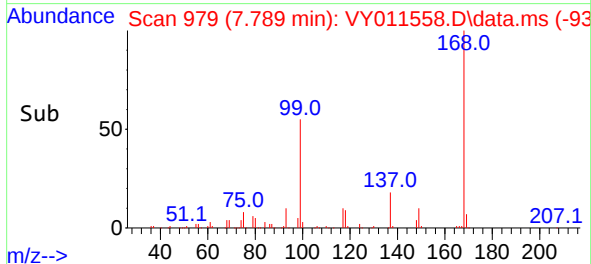


#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Instrument :
MSVOA_Y
ClientSampleId :

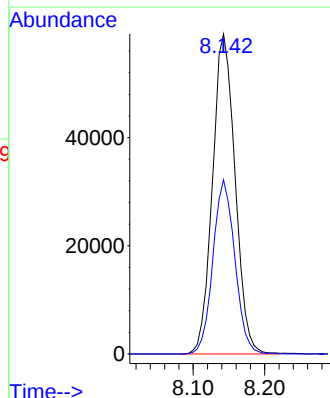
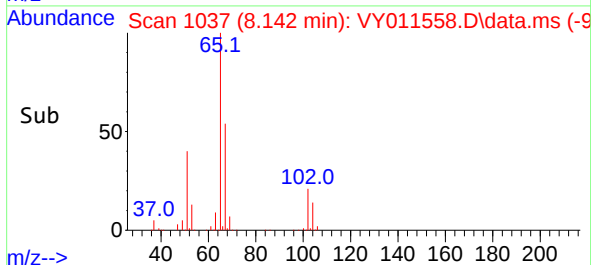
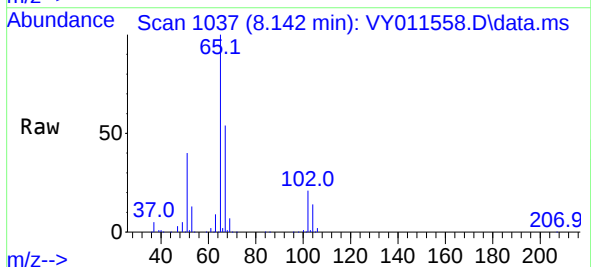


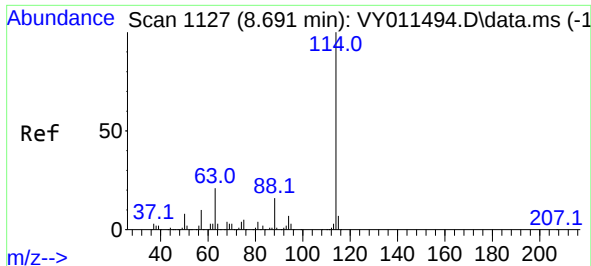
Tgt Ion: 56 Resp: 4194
Ion Ratio Lower Upper
56 100
69 178.1 26.7 40.1#
84 142.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 71.362 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 65 Resp: 129698
Ion Ratio Lower Upper
65 100
67 52.8 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: VY011558.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

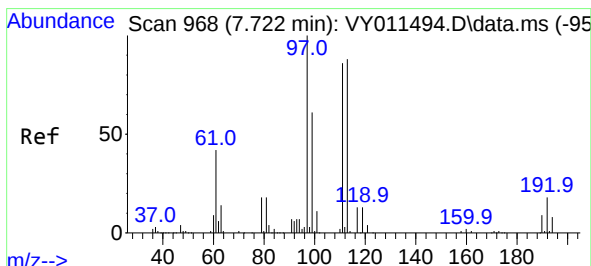
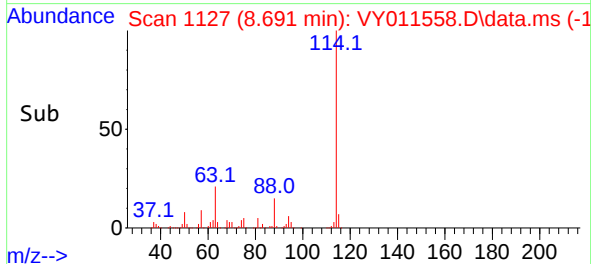
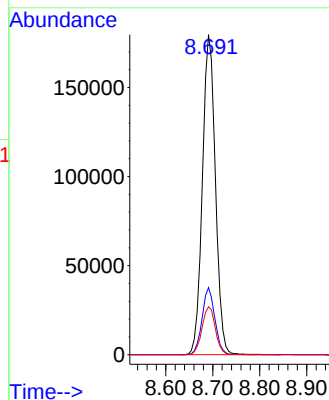
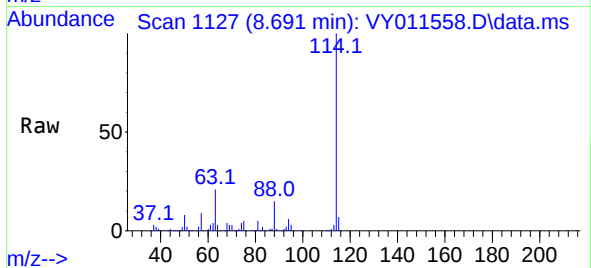
Tgt Ion:114 Resp: 345233

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.442 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011558.D

Acq: 22 Nov 2022 19:09

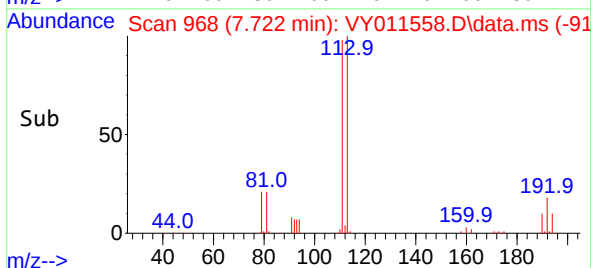
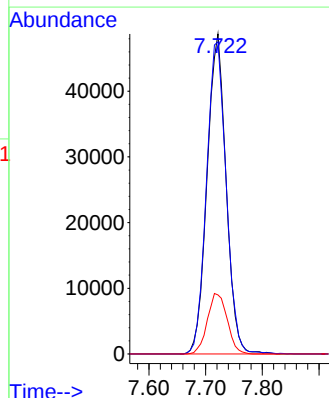
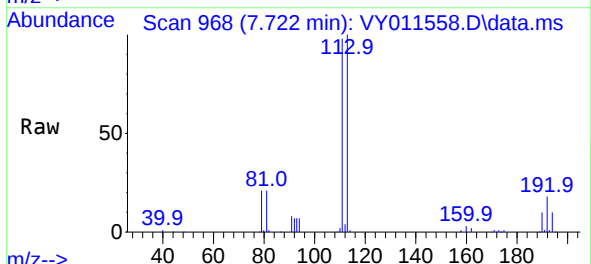
Tgt Ion:113 Resp: 113576

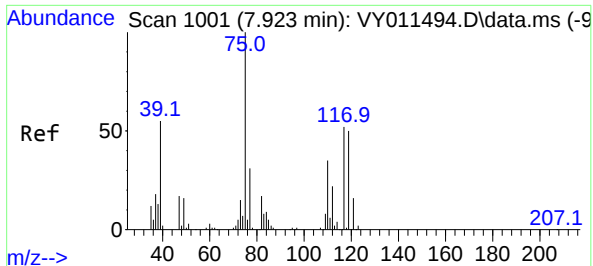
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 19.7 17.6 26.4

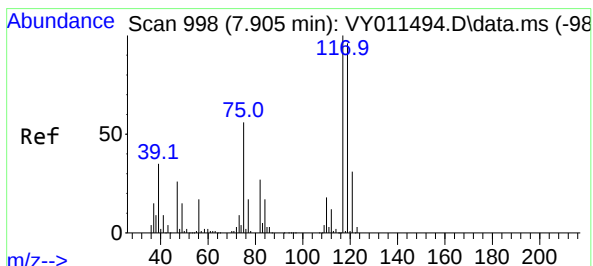
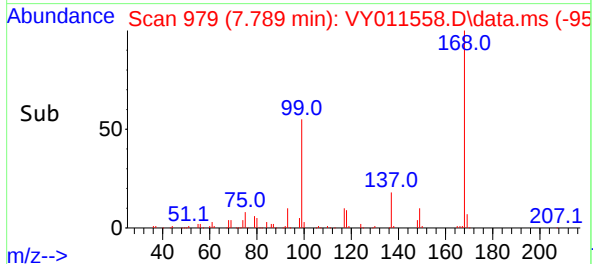
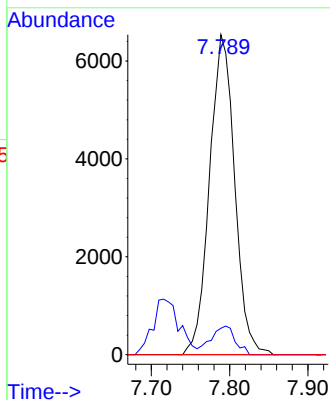
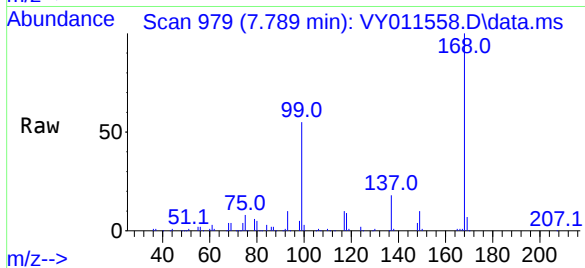




#36
1,1-Dichloropropene
Concen: 4.383 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

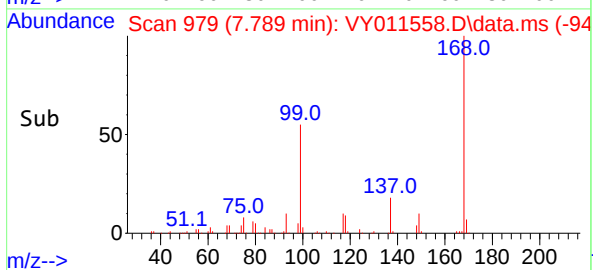
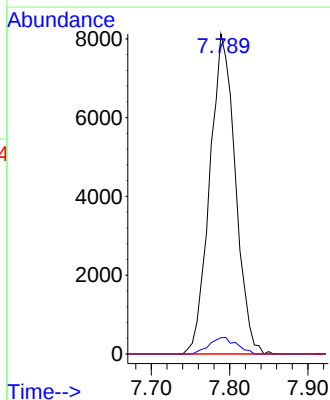
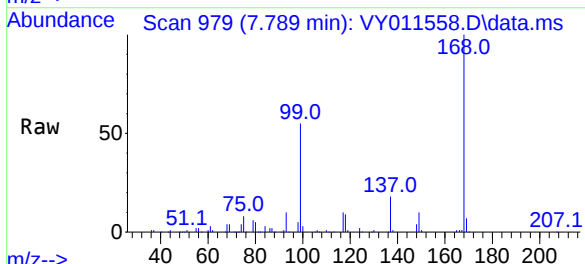
Instrument :
MSVOA_Y
ClientSampleId :

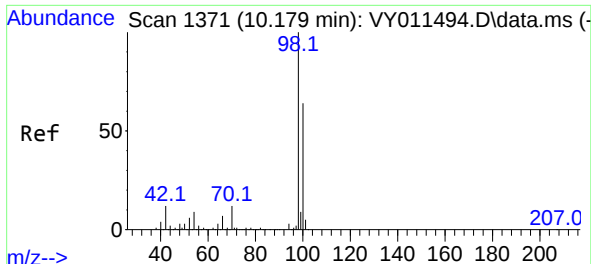
Tgt Ion: 75 Resp: 14560
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.956 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 117 Resp: 18418
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

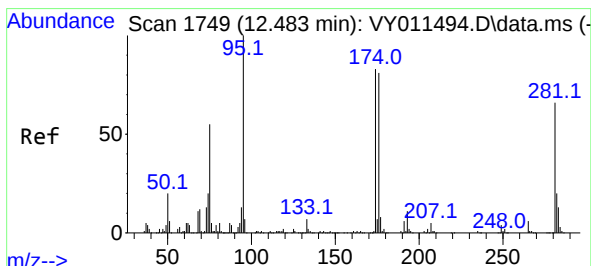
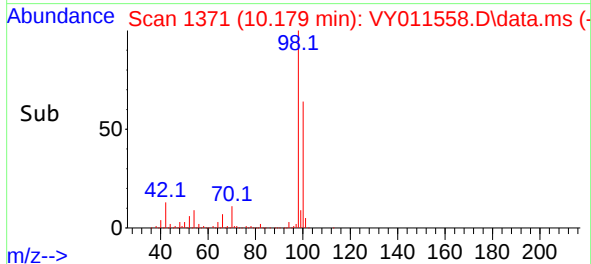
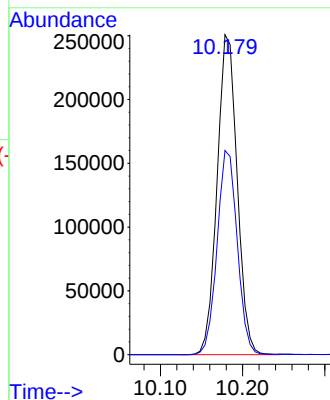
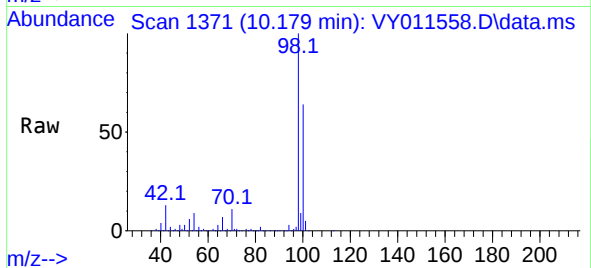




#50
Toluene-d8
Concen: 55.180 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

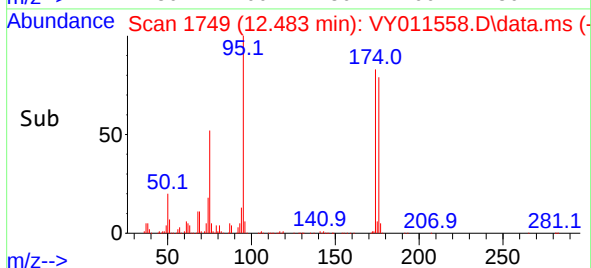
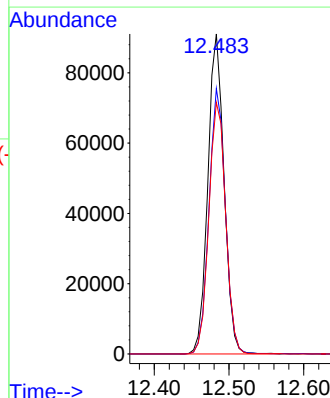
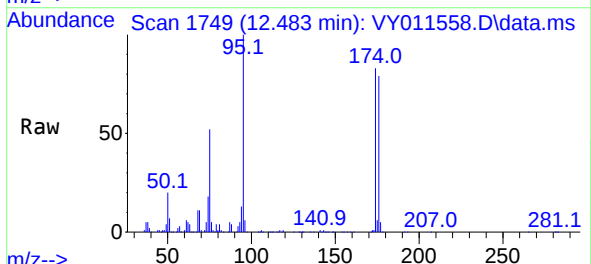
Instrument :
MSVOA_Y
ClientSampleId :

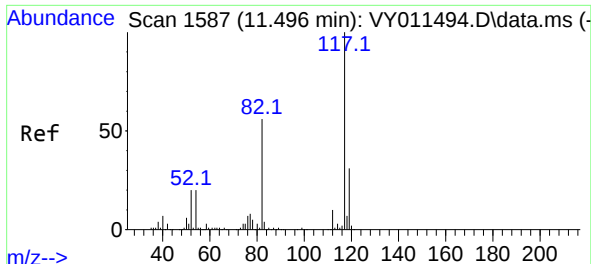
Tgt Ion: 98 Resp: 426146
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

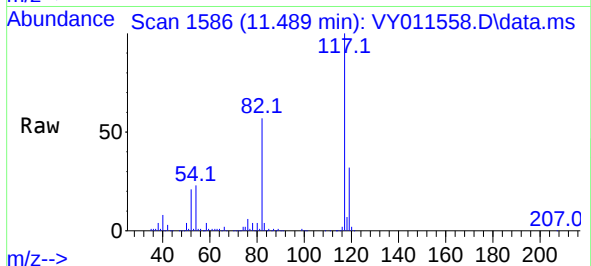
Tgt Ion: 95 Resp: 137336
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.7 0.0 175.8



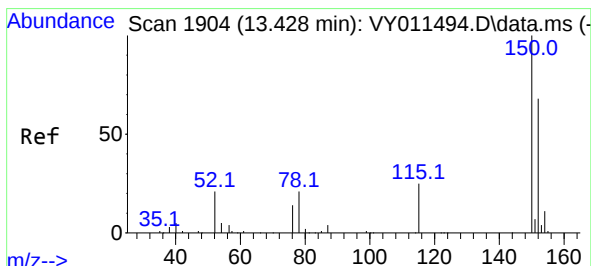
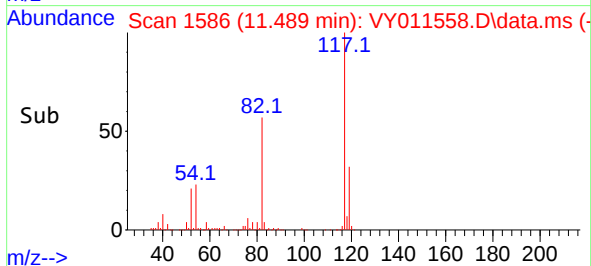
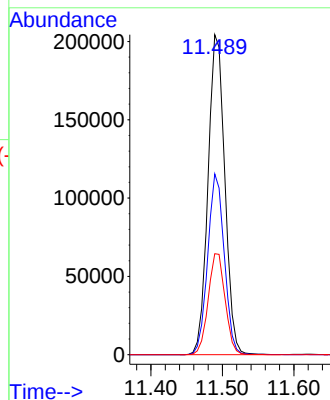


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Instrument :
MSVOA_Y
ClientSampleId :

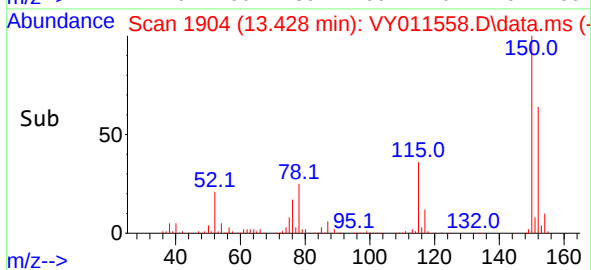
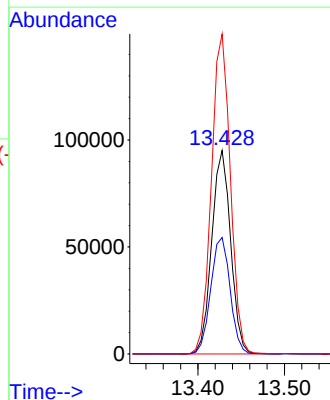
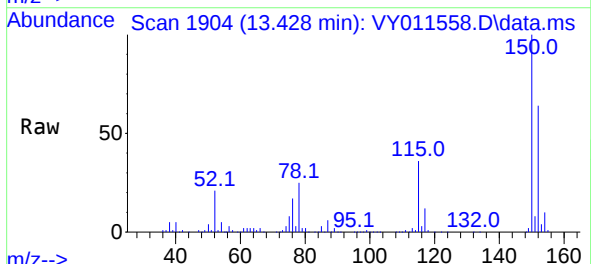


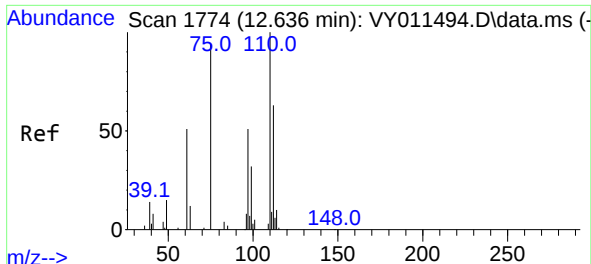
Tgt Ion:117 Resp: 333913
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Tgt Ion:152 Resp: 144587
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.0 0.0 347.6

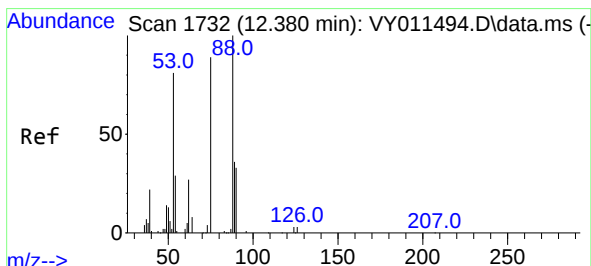
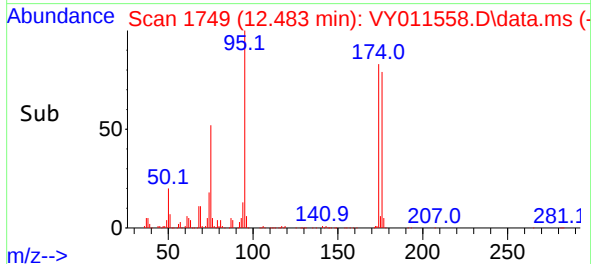
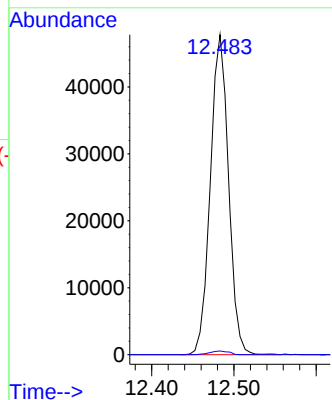
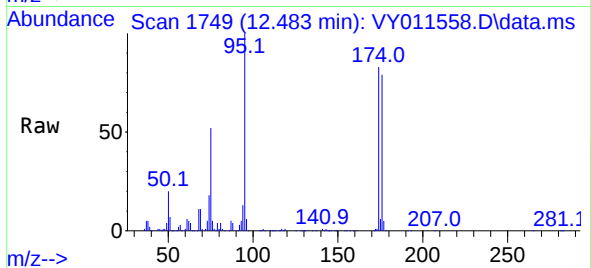




#76
1,2,3-Trichloropropane
Concen: 47.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

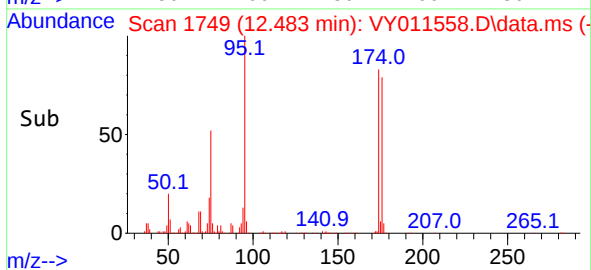
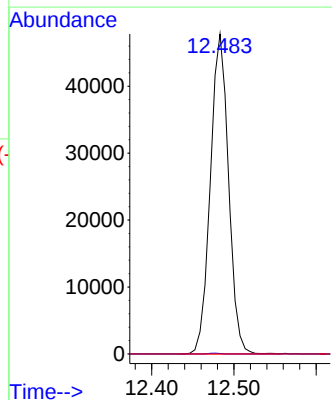
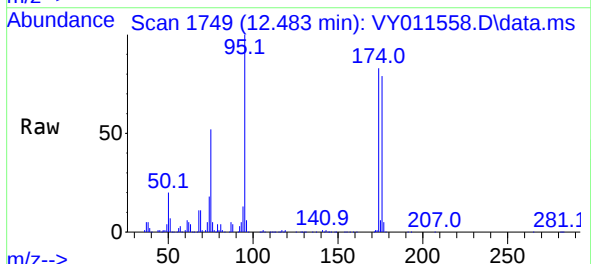
Instrument :
MSVOA_Y
ClientSampleId :

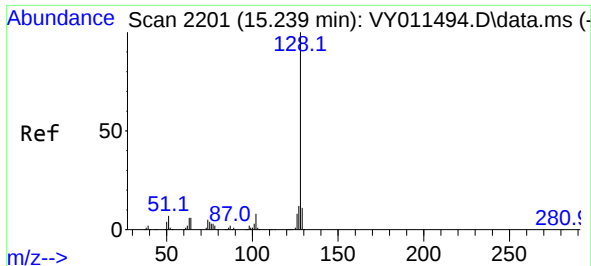
Tgt Ion: 75 Resp: 73401
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.251 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011558.D
Acq: 22 Nov 2022 19:09

Tgt Ion: 75 Resp: 73401
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.071 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

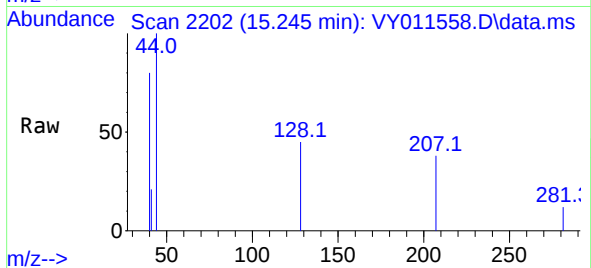
Lab File: VY011558.D

Acq: 22 Nov 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 284

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

