

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008886.D
 Acq On : 19 May 2022 23:31
 Operator : KP/MD
 Sample : VY0519SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL02

Quant Time: May 20 02:56:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

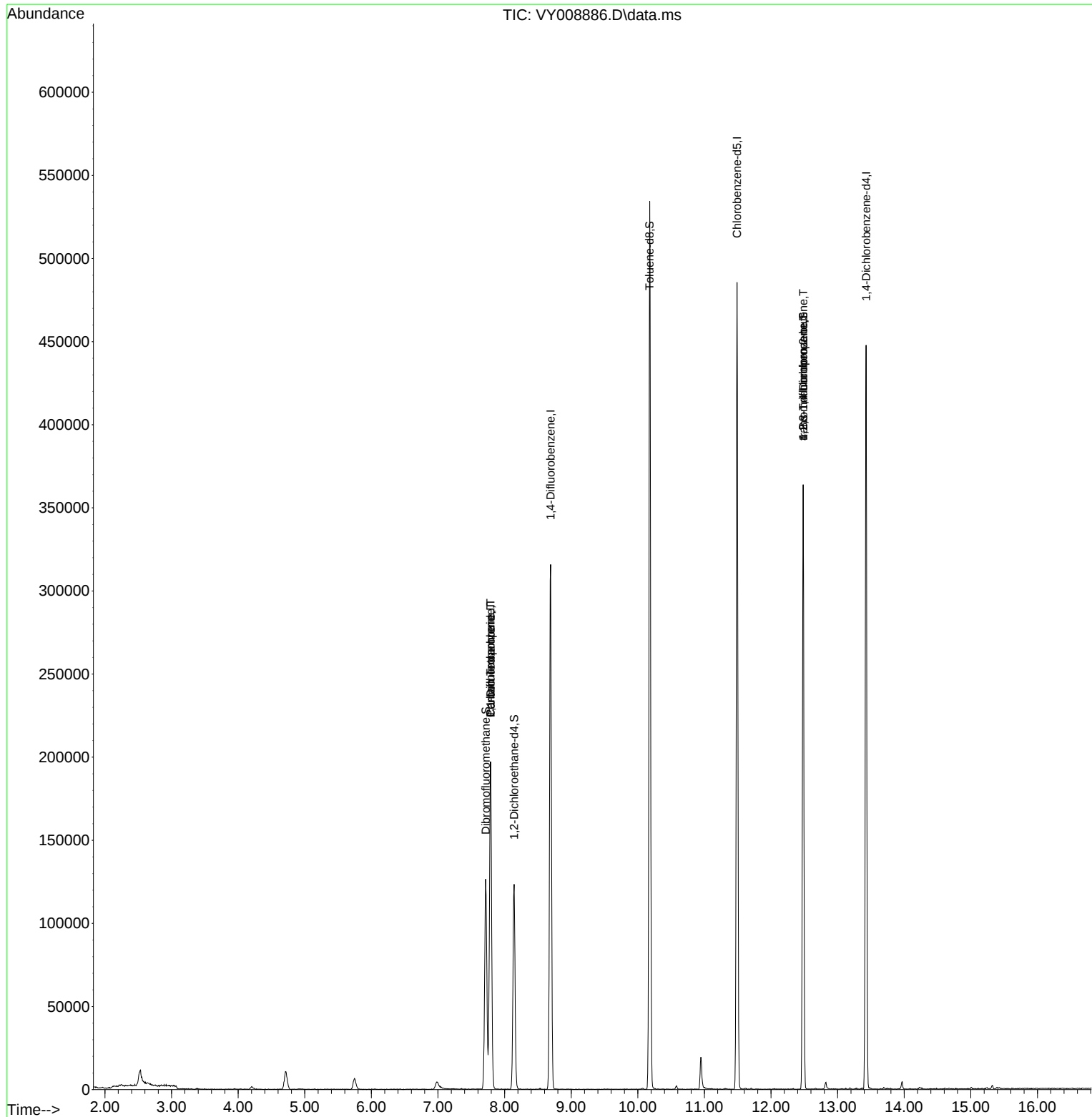
Internal Standards						
1) Pentafluorobenzene	7.789	168	151648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92446	65.711	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.420%			
35) Dibromofluoromethane	7.716	113	83748	53.265	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.520%			
50) Toluene-d8	10.179	98	336256	48.233	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.483	95	95675	39.173	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.340%			
Target Compounds						
3) Chloromethane	2.113	50	289	Below Cal	#	44
4) Vinyl Chloride	2.253	62	63	Below Cal	#	43
5) Bromomethane	2.662	94	437	Below Cal	#	80
6) Chloroethane	2.741	64	40	Below Cal	#	43
16) Acetone	3.936	43	234	Below Cal	#	47
18) Methyl Acetate	4.351	43	19	Below Cal	#	56
20) Methylene Chloride	4.716	84	7863	Below Cal	#	84
31) Cyclohexane	7.783	56	3801	Below Cal	#	32
36) 1,1-Dichloropropene	7.789	75	12911	5.127 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	14889	5.517 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	56029	45.610 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56029	99.762 ug/l	#	7

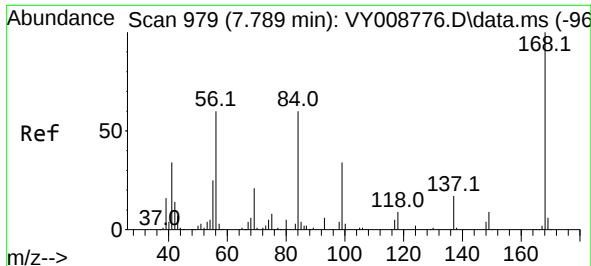
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
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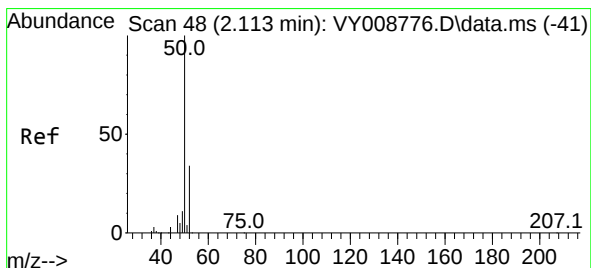
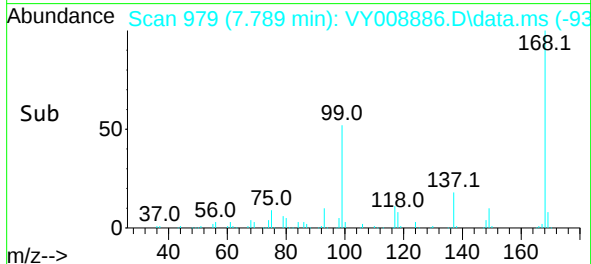
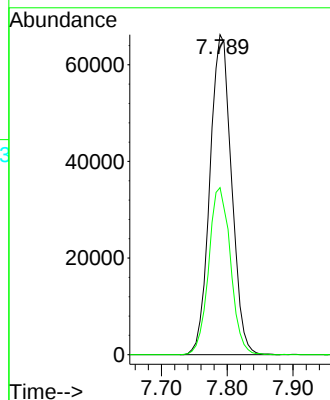
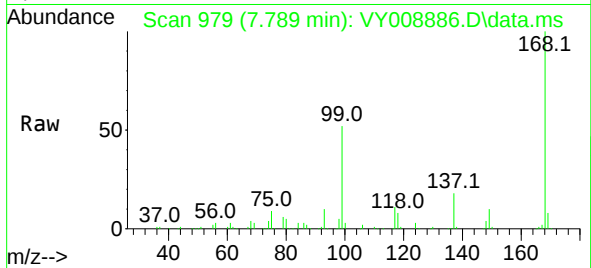




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

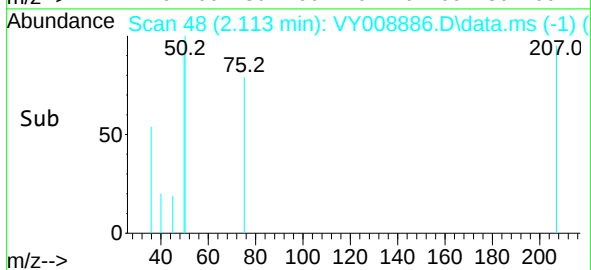
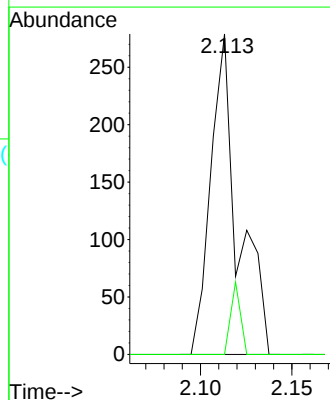
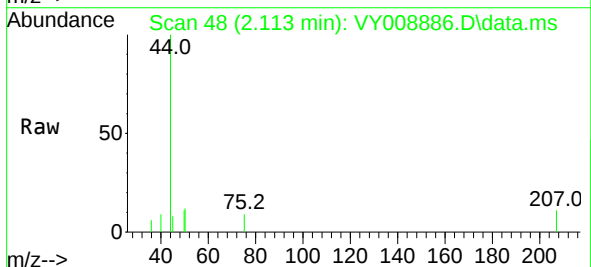
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

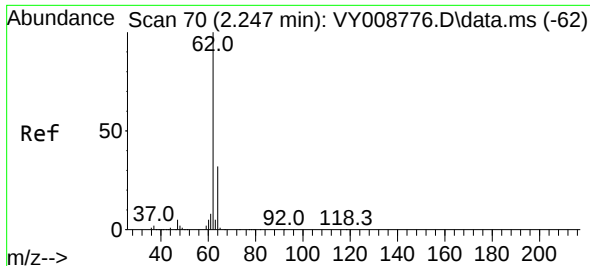
Tgt Ion:168 Resp: 151648
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

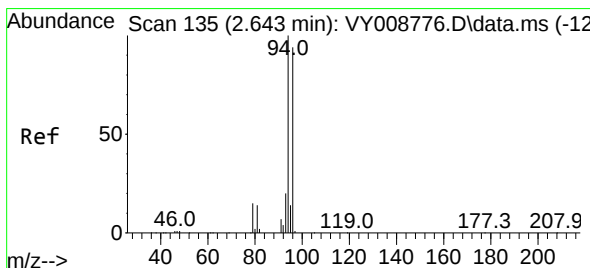
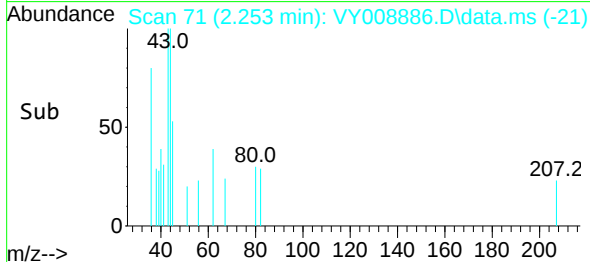
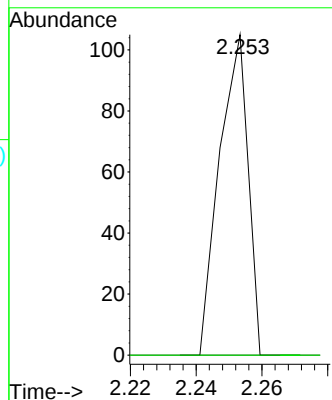
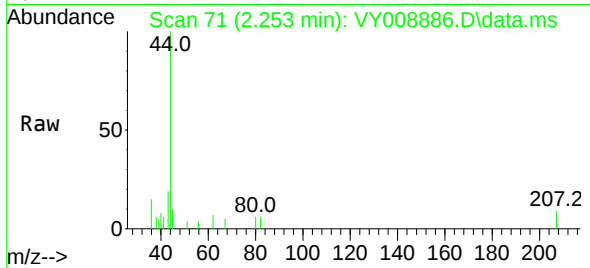




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.253 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008886.D
 Acq: 19 May 2022 23:31

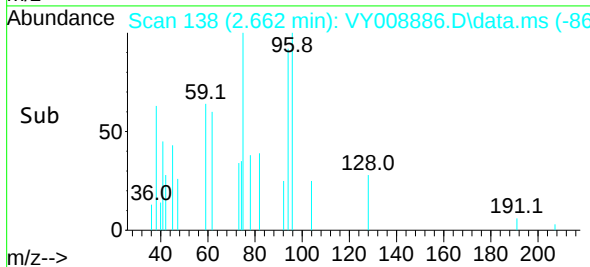
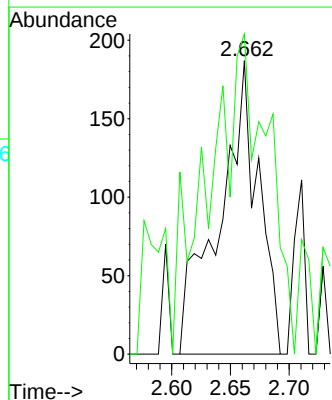
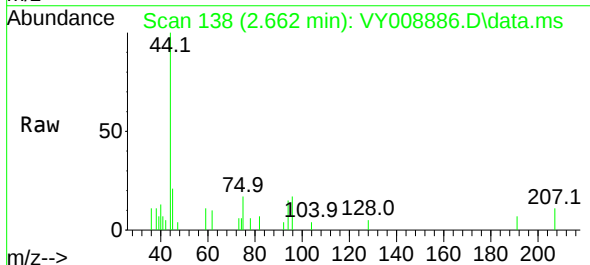
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL02

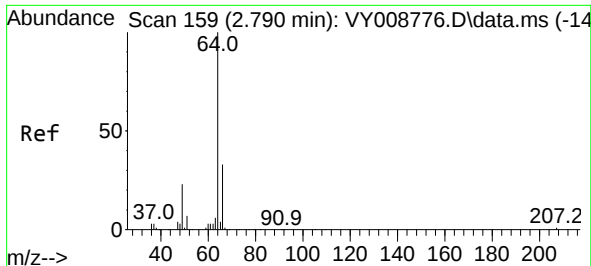
Tgt Ion: 62 Resp: 63
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY008886.D
 Acq: 19 May 2022 23:31

Tgt Ion: 94 Resp: 437
 Ion Ratio Lower Upper
 94 100
 96 72.7 73.5 110.3#

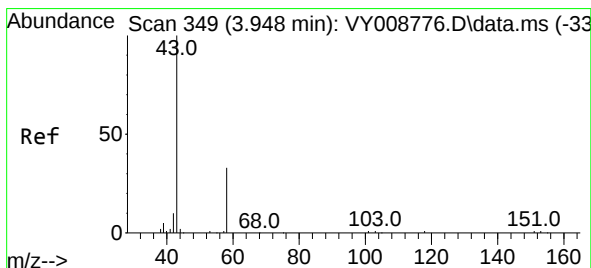
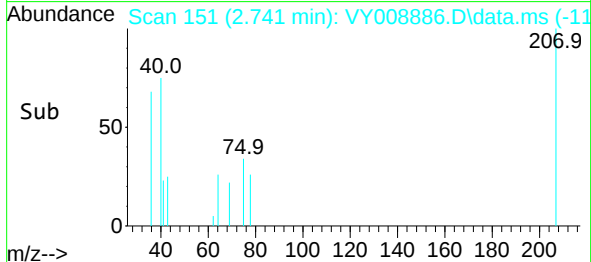
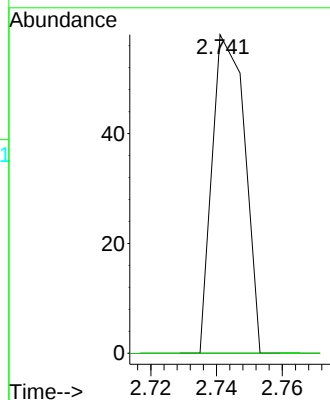
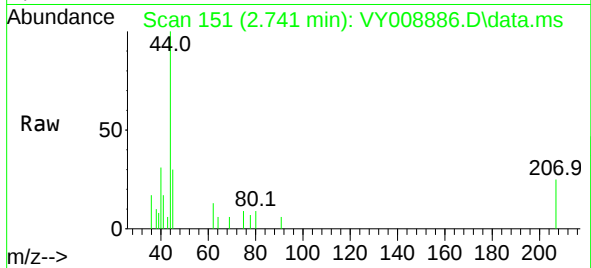




#6
Chloroethane
Concen: Below Cal
RT: 2.741 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

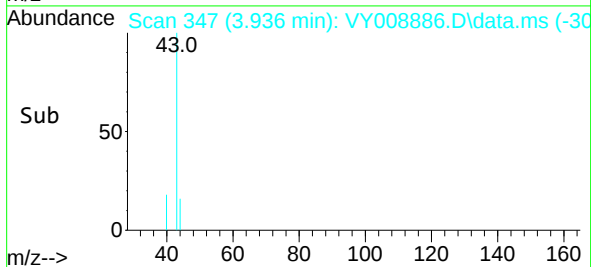
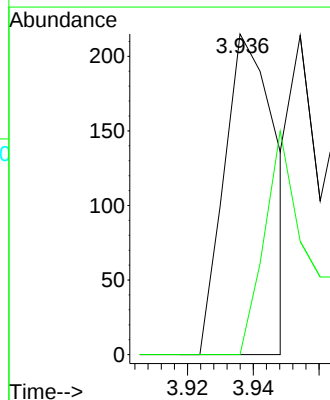
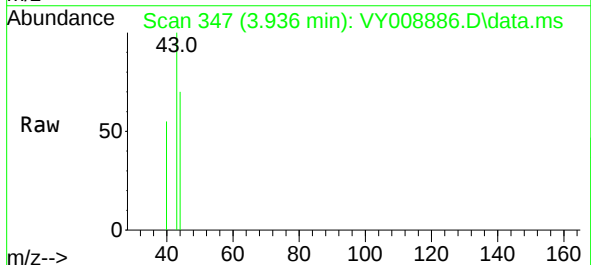
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

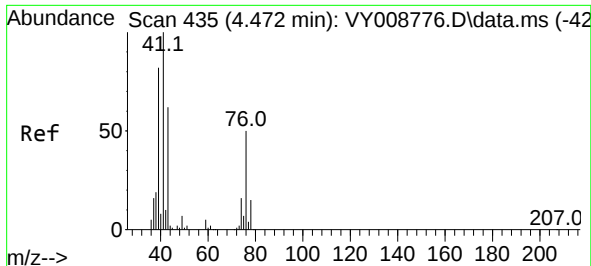
Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

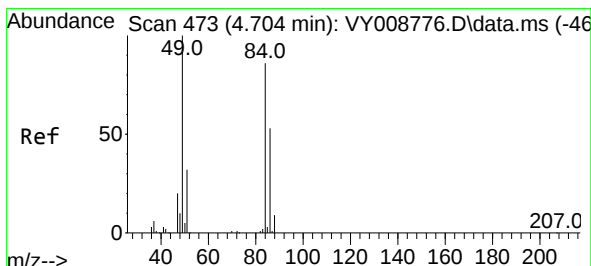
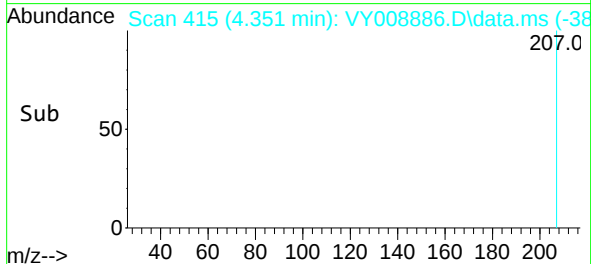
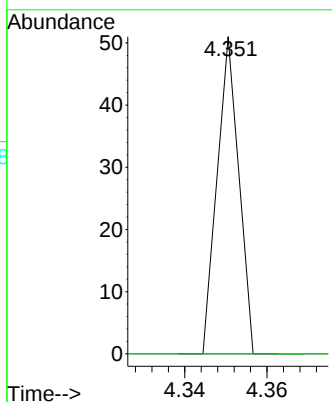
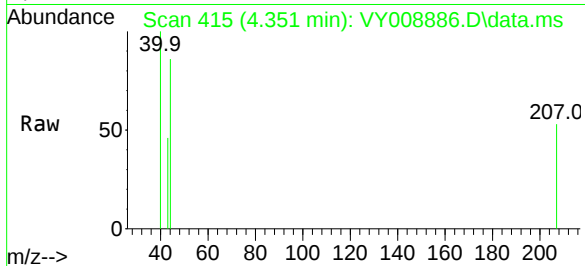




#18
Methyl Acetate
Concen: Below Cal
RT: 4.351 min Scan# 41
Delta R.T. -0.121 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

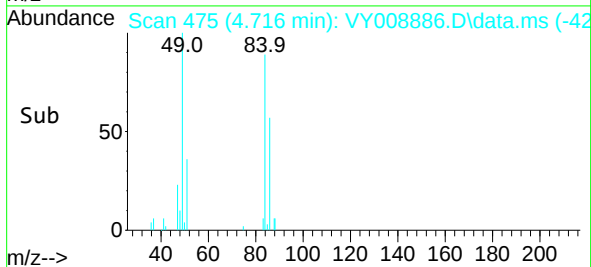
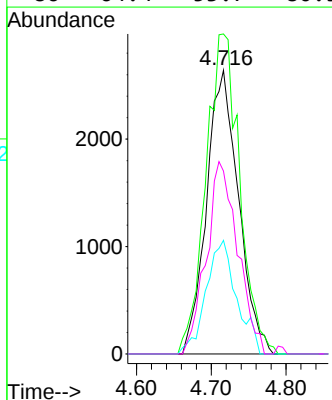
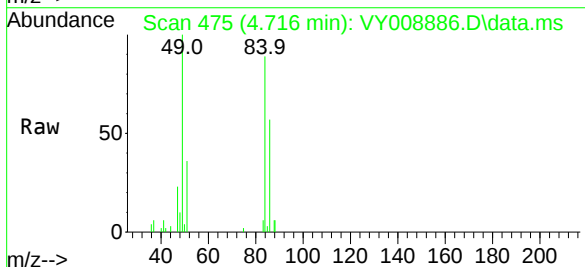
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

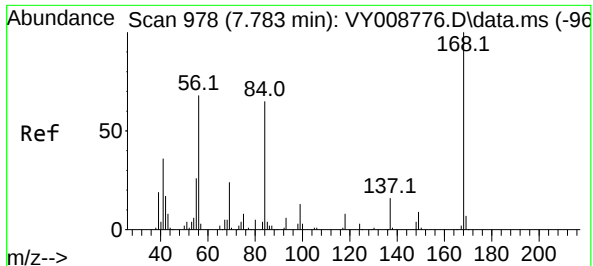
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 84 Resp: 7863
Ion Ratio Lower Upper
84 100
49 112.8 114.4 171.6#
51 40.1 35.3 52.9
86 64.4 53.7 80.5

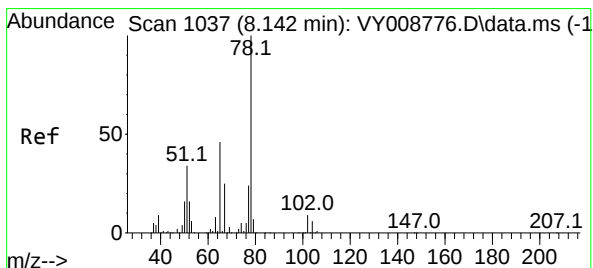
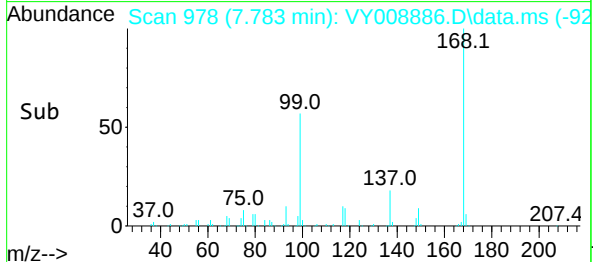
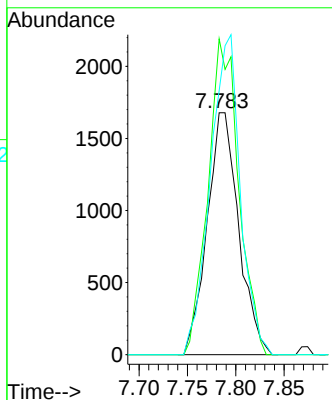
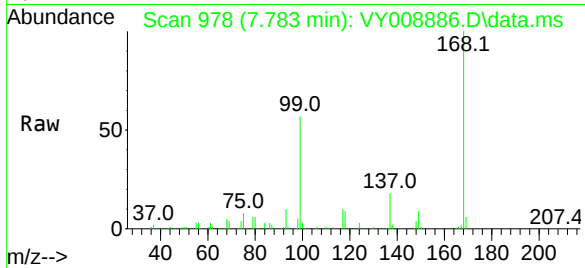




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

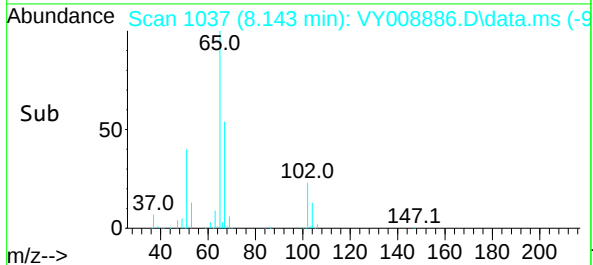
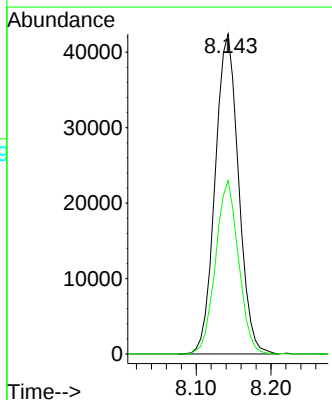
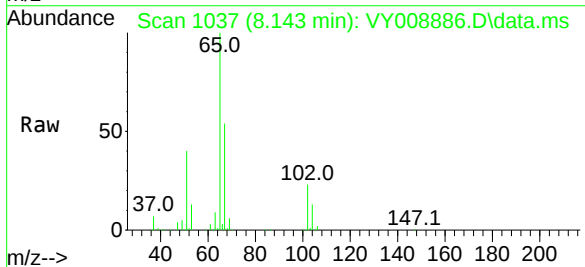
Instrument :
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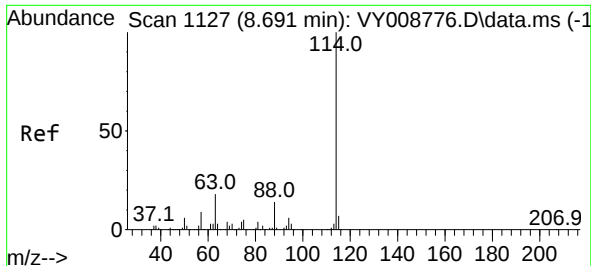
Tgt Ion: 56 Resp: 3801
Ion Ratio Lower Upper
56 100
69 130.6 26.7 40.1#
84 109.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.711 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 65 Resp: 92446
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008886.D

Acq: 19 May 2022 23:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL02

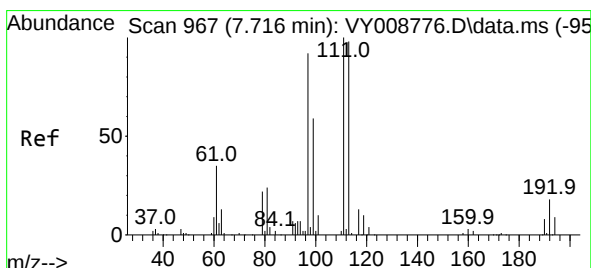
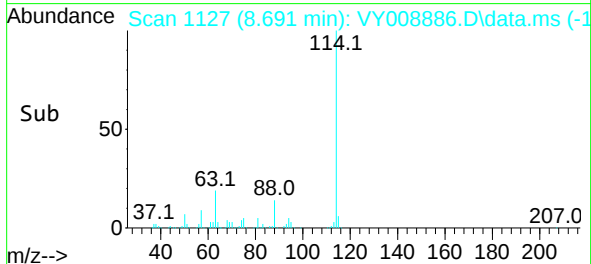
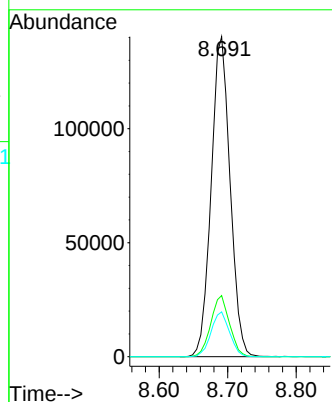
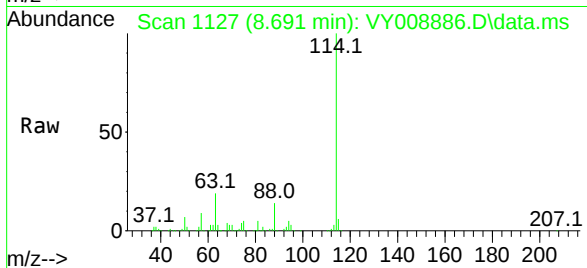
Tgt Ion:114 Resp: 269100

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.265 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008886.D

Acq: 19 May 2022 23:31

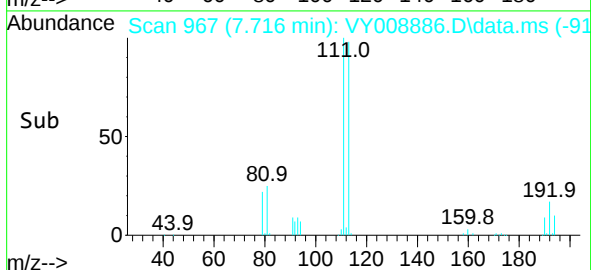
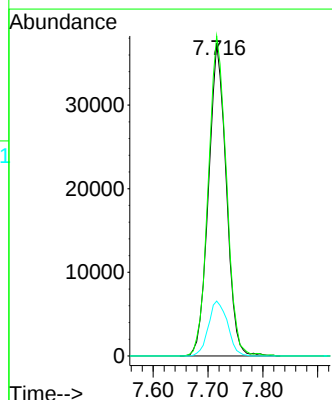
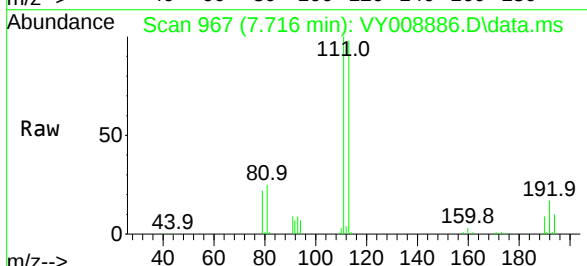
Tgt Ion:113 Resp: 83748

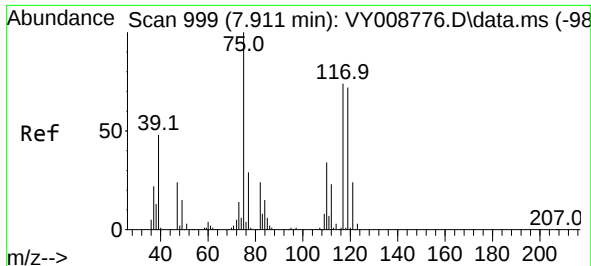
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008886.D

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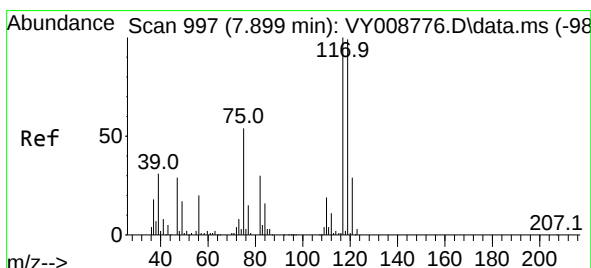
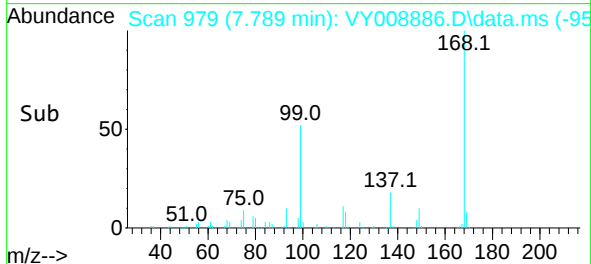
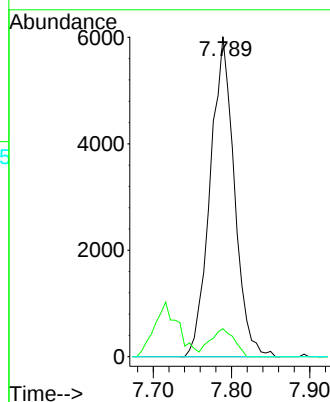
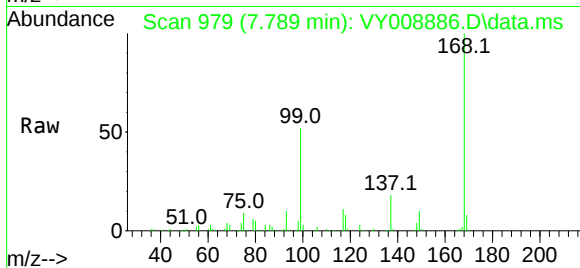
Tgt Ion: 75 Resp: 12911

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.517 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008886.D

Acq: 19 May 2022 23:31

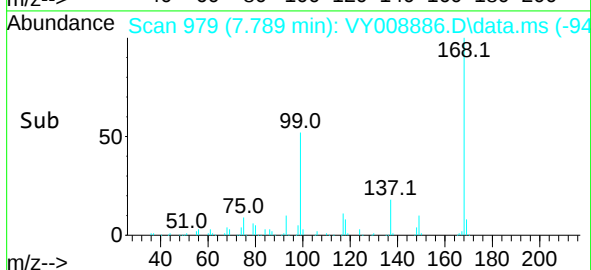
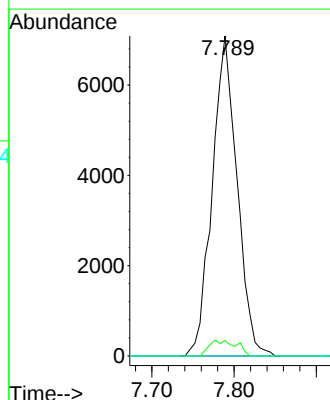
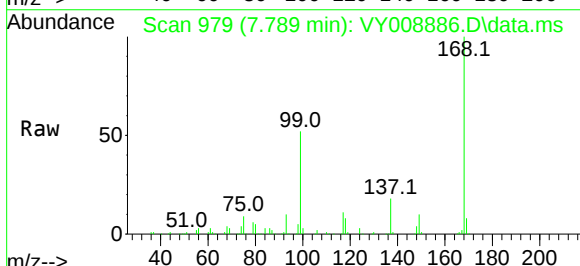
Tgt Ion: 117 Resp: 14889

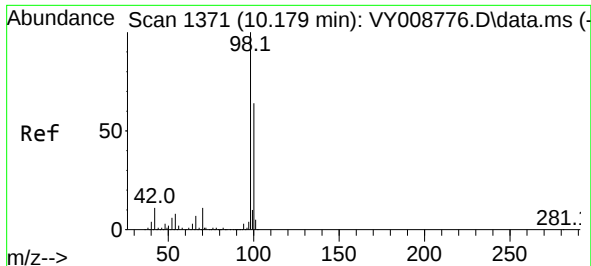
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

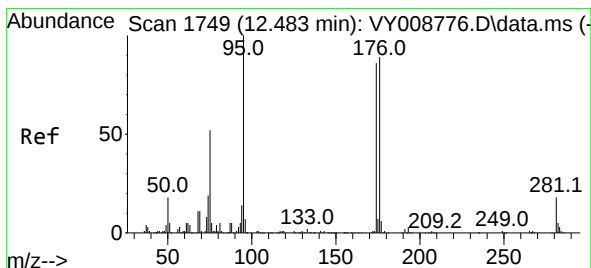
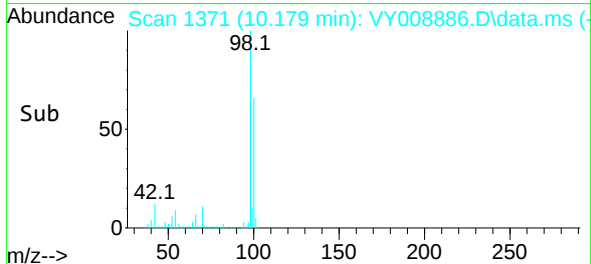
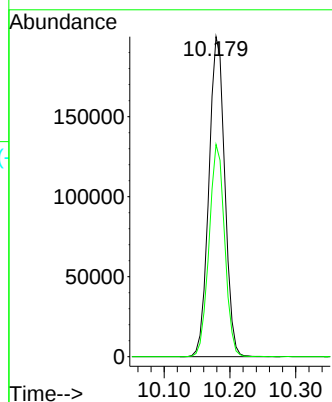
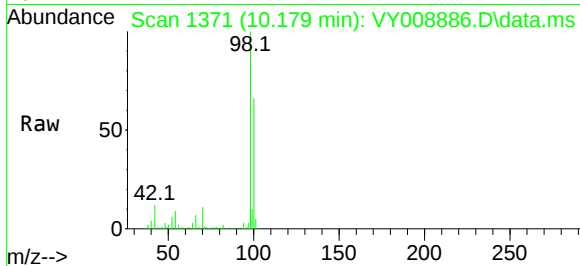




#50
Toluene-d8
Concen: 48.233 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

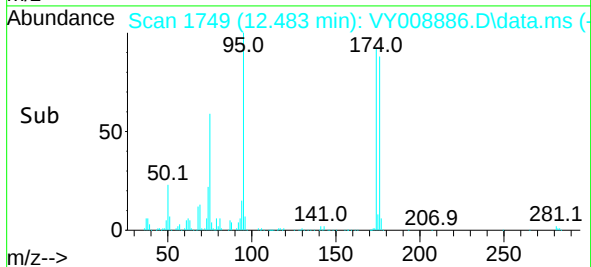
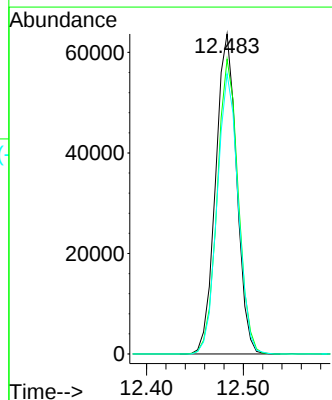
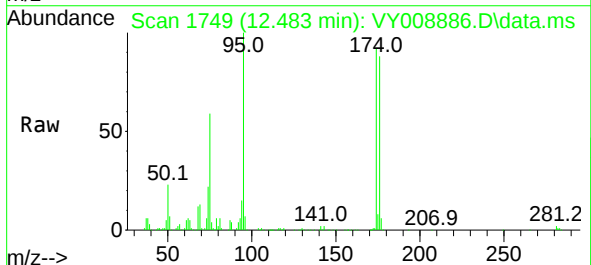
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

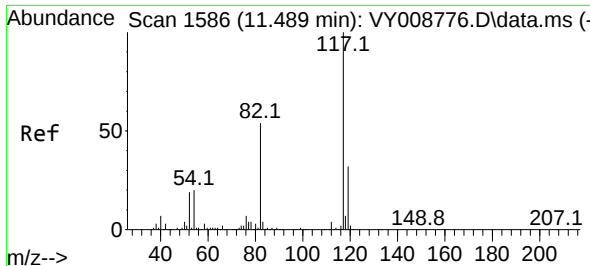
Tgt Ion: 98 Resp: 336256
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 95 Resp: 95675
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.6 0.0 175.8

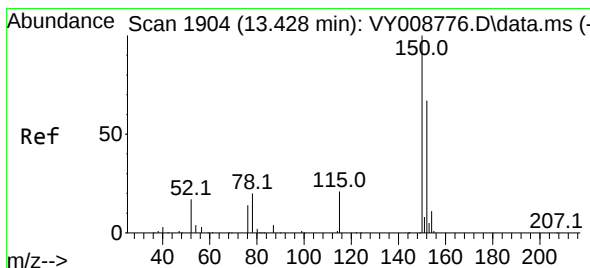
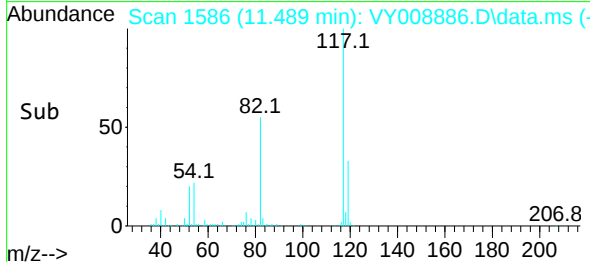
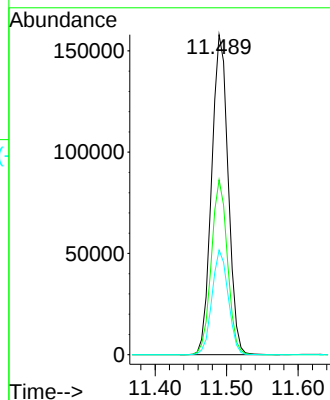
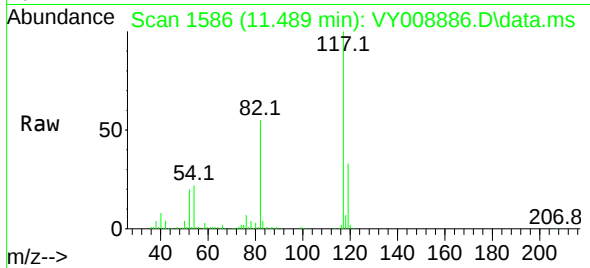




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

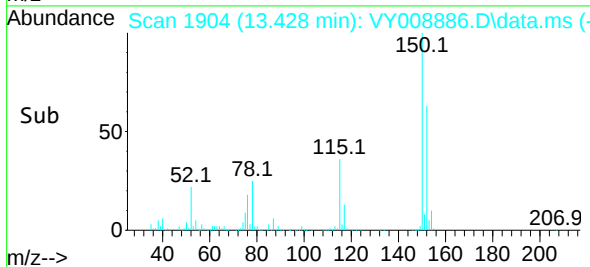
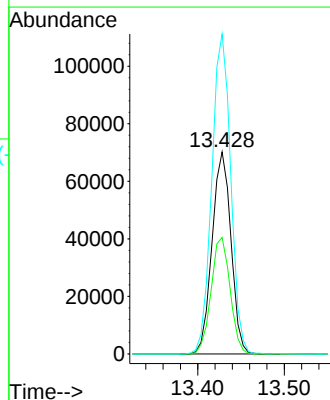
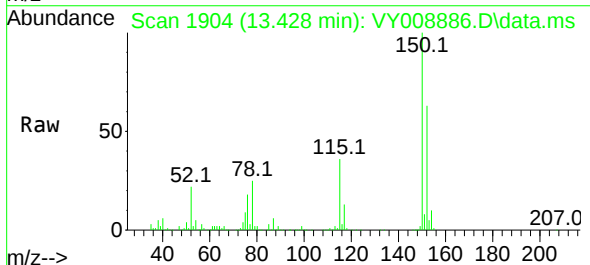
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

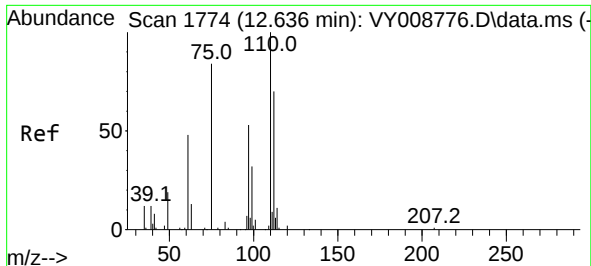
Tgt Ion:117 Resp: 253625
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion:152 Resp: 106345
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.6 0.0 347.6

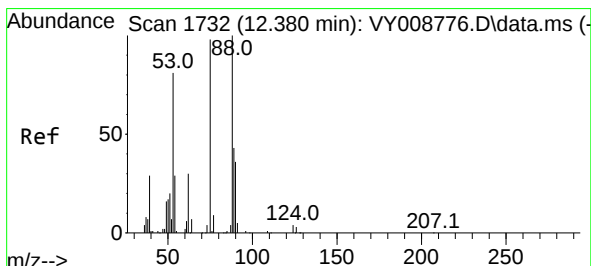
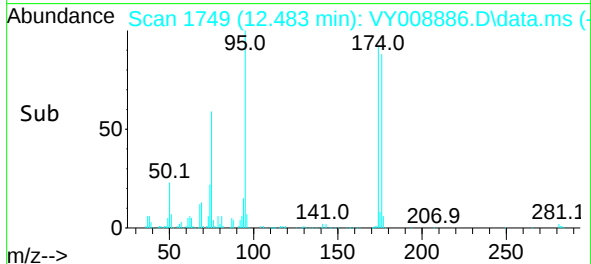
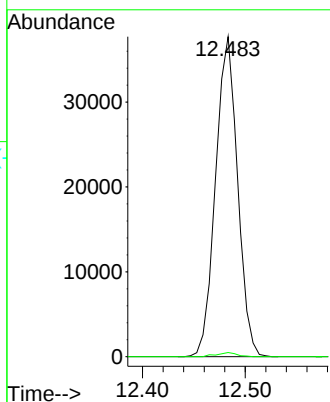
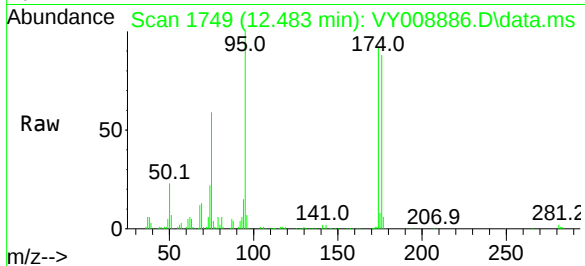




#76
1,2,3-Trichloropropane
Concen: 45.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL02

Tgt Ion: 75 Resp: 56029
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008886.D
Acq: 19 May 2022 23:31

Tgt Ion: 75 Resp: 56029
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

