

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007387.D
 Acq On : 04 Feb 2022 11:36
 Operator : SY/MD
 Sample : VY0204SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBL01

Quant Time: Feb 06 23:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

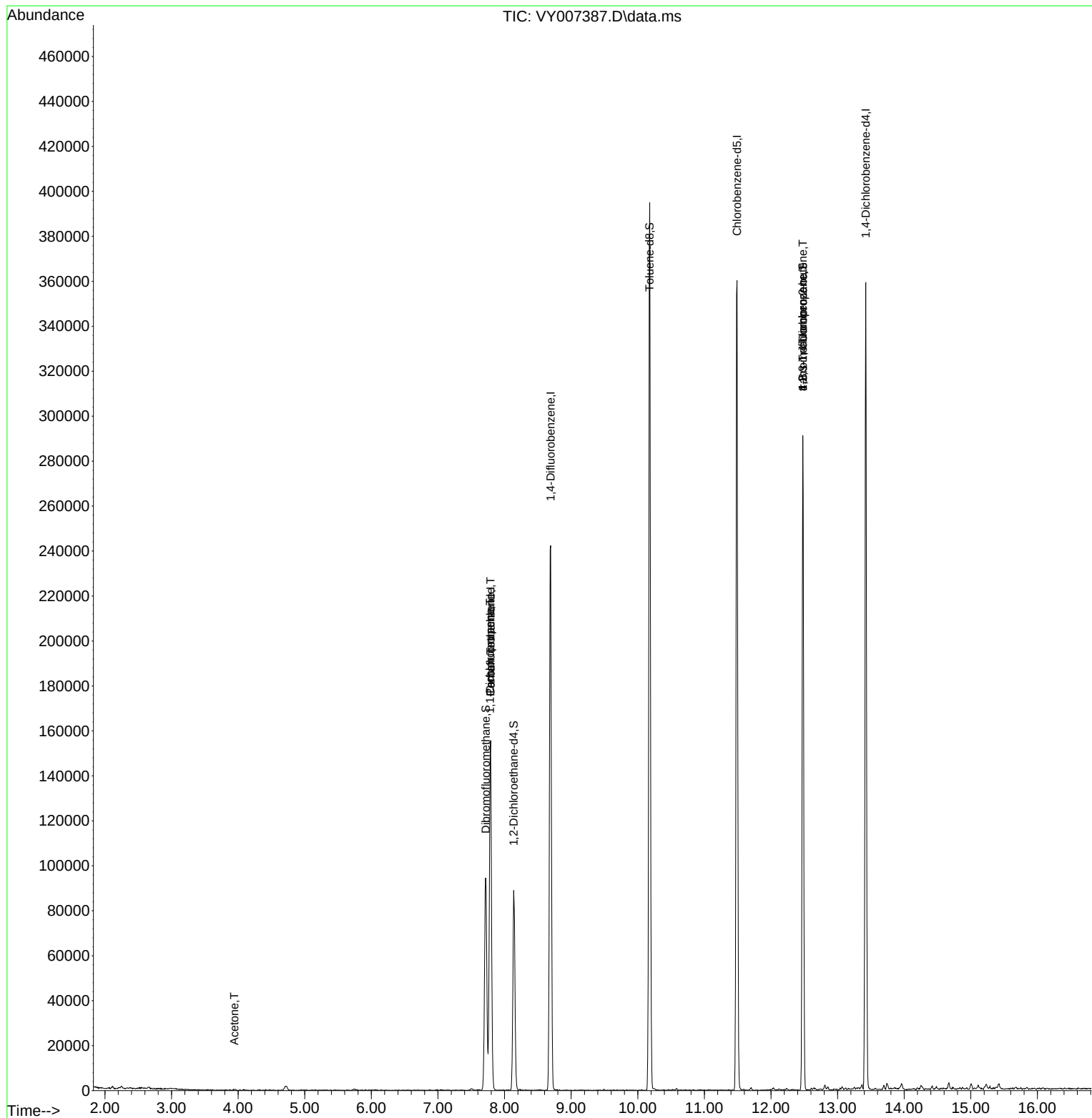
Internal Standards						
1) Pentafluorobenzene	7.789	168	113609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	67244	51.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.716	113	68038	50.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.179	98	259443	52.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.820%	
62) 4-Bromofluorobenzene	12.477	95	90644	53.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	867	Below Cal		93
16) Acetone	3.942	43	425	1.001 ug/l	#	88
20) Methylene Chloride	4.716	84	1490	Below Cal	#	59
36) 1,1-Dichloropropene	7.783	75	9557	4.080 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	12344	5.016 ug/l	#	14
76) 1,2,3-Trichloropropane	12.477	75	48930	48.161 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48930	96.486 ug/l	#	7

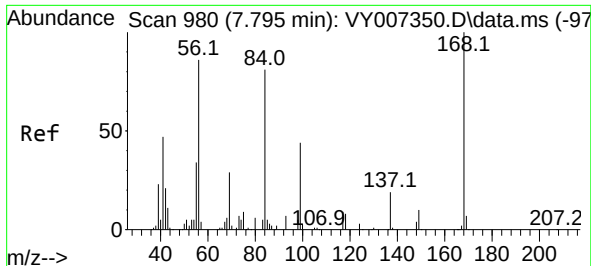
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

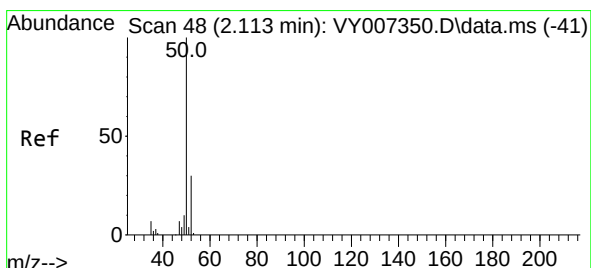
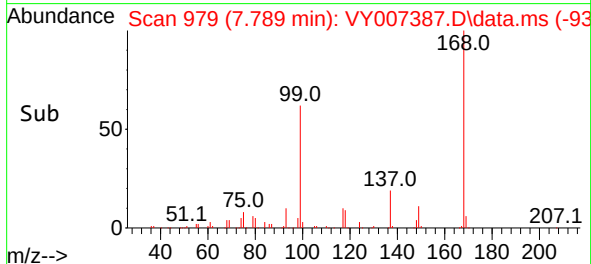
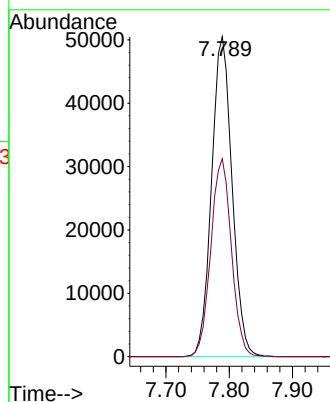
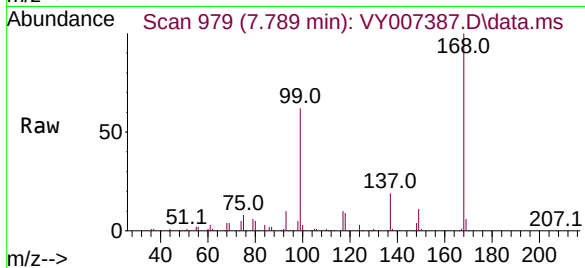




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

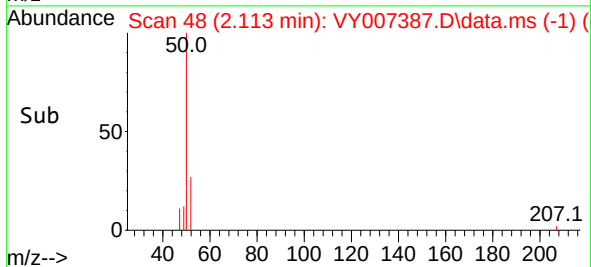
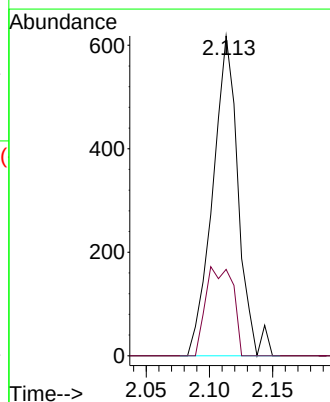
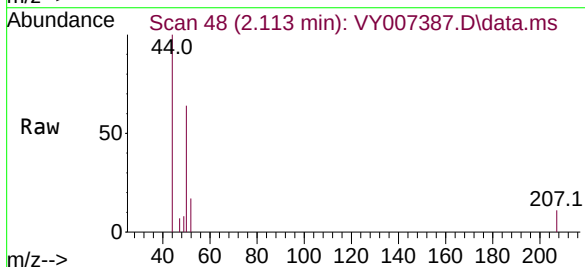
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBL01

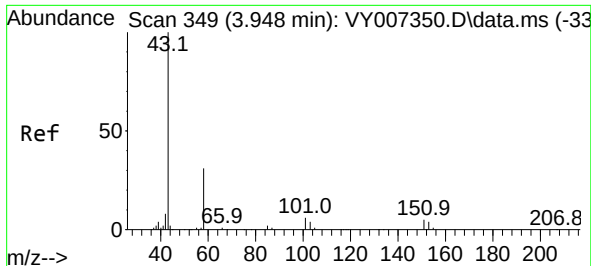
Tgt Ion:168 Resp: 113609
Ion Ratio Lower Upper
168 100
99 61.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

Tgt Ion: 50 Resp: 867
Ion Ratio Lower Upper
50 100
52 27.0 24.6 37.0

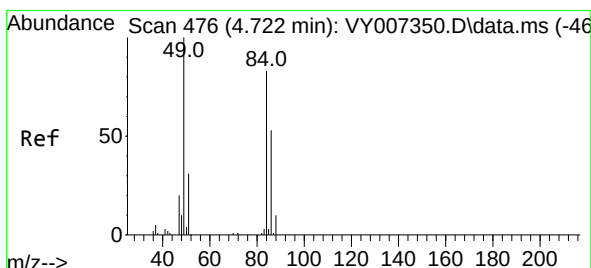
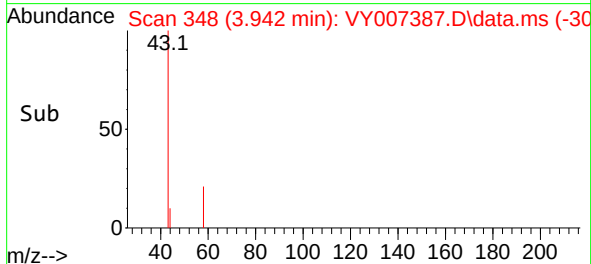
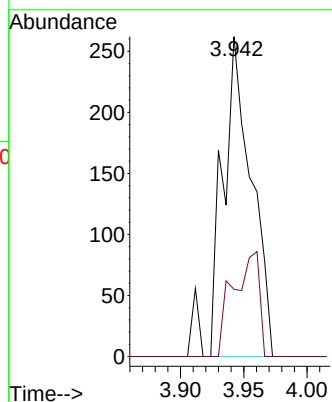
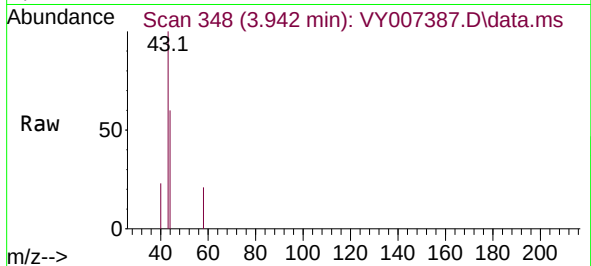




#16
Acetone
Concen: 1.001 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

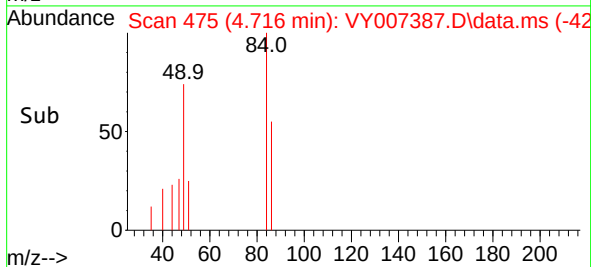
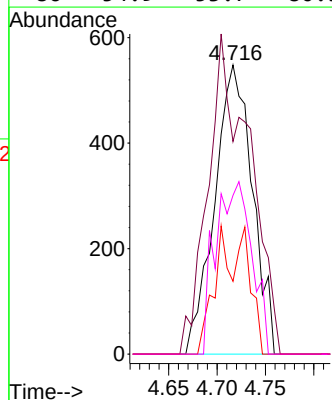
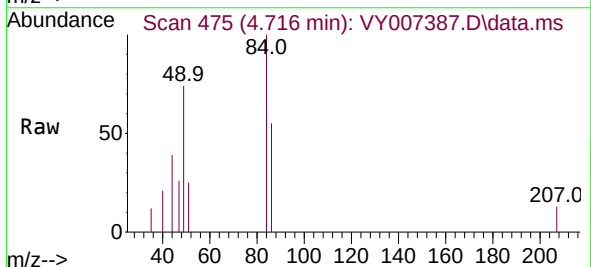
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBL01

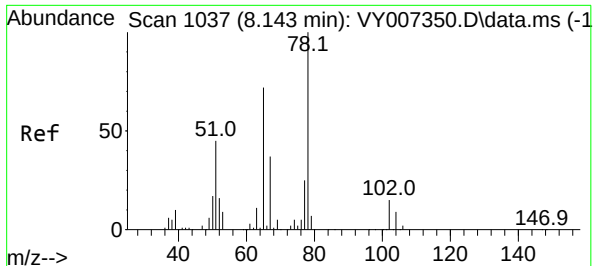
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
58 21.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

Tgt Ion: 84 Resp: 1490
Ion Ratio Lower Upper
84 100
49 73.5 114.4 171.6#
51 25.2 35.3 52.9#
86 54.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.458 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY007387.D

Acq: 04 Feb 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

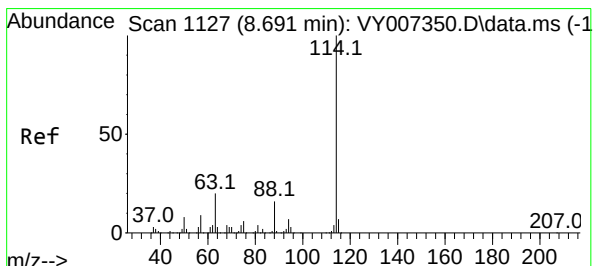
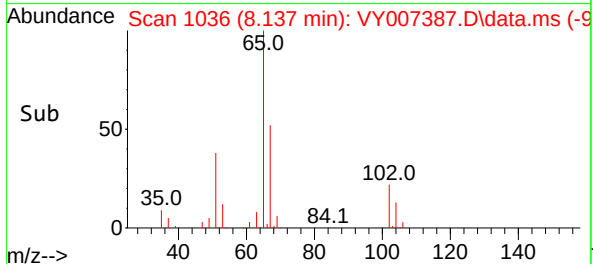
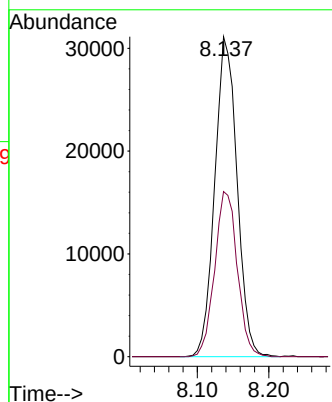
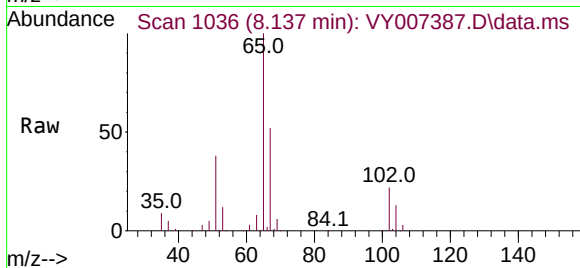
VY0204SBL01

Tgt Ion: 65 Resp: 67244

Ion Ratio Lower Upper

65 100

67 52.4 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: VY007387.D

Acq: 04 Feb 2022 11:36

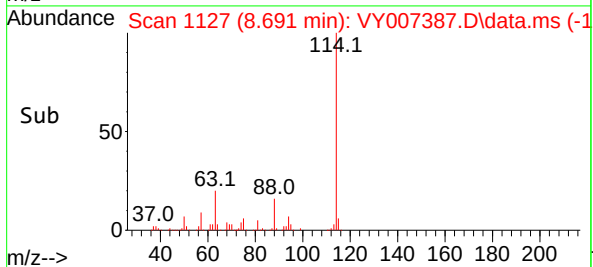
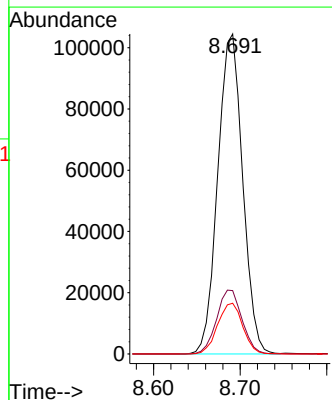
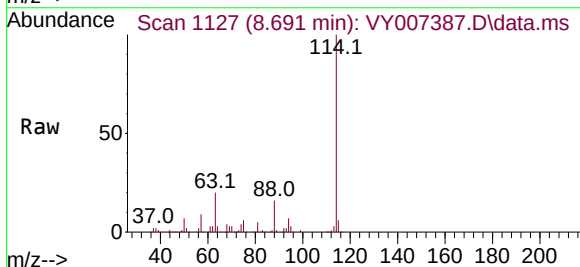
Tgt Ion: 114 Resp: 208669

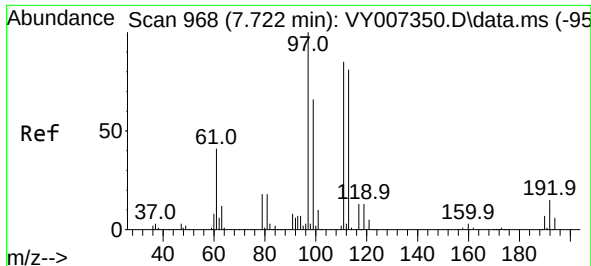
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.8 0.0 31.8

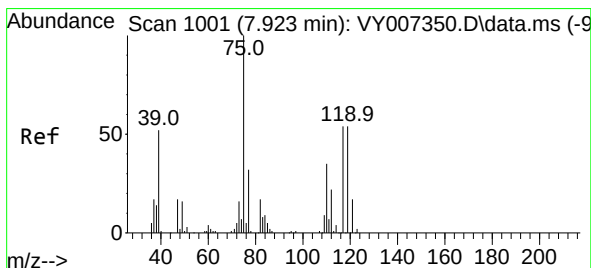
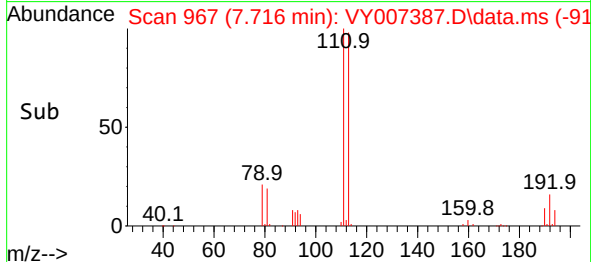
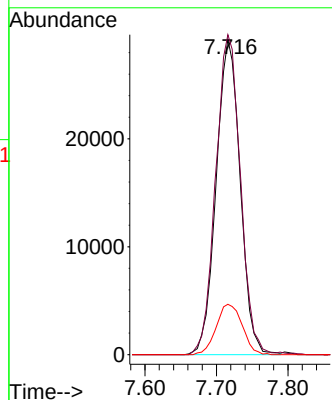
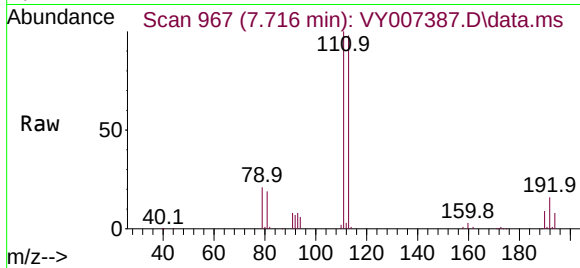




#35
Dibromofluoromethane
Concen: 50.777 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

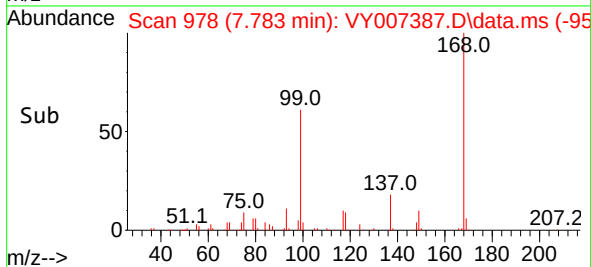
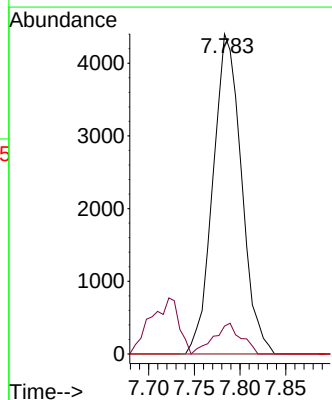
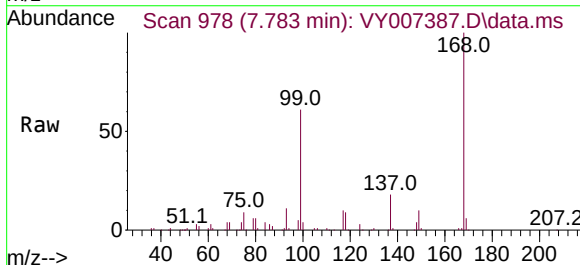
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBL01

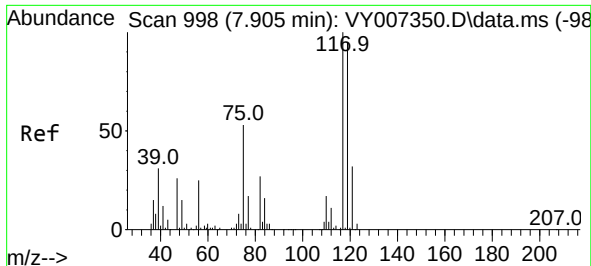
Tgt Ion:113 Resp: 68038
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 17.3 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.080 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

Tgt Ion: 75 Resp: 9557
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

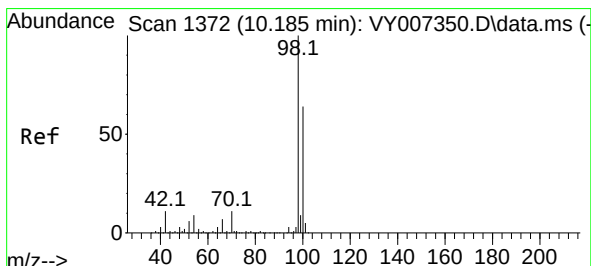
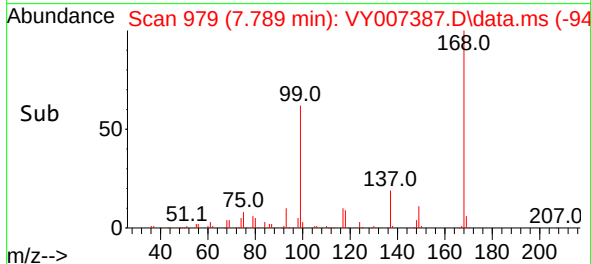
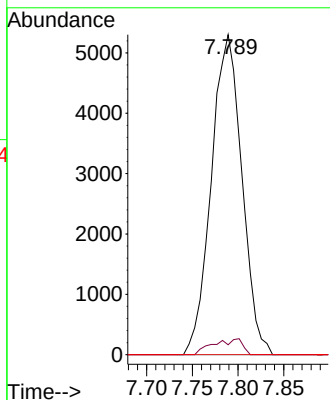
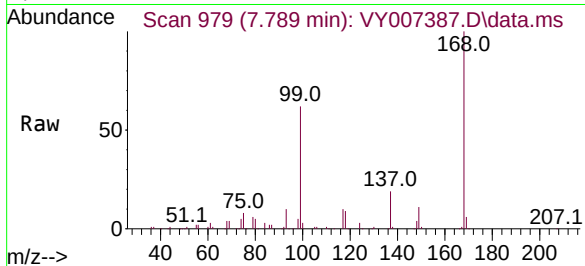




#38
Carbon Tetrachloride
Concen: 5.016 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

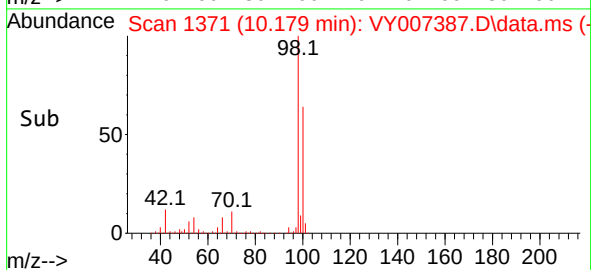
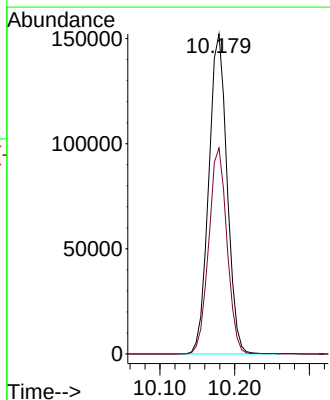
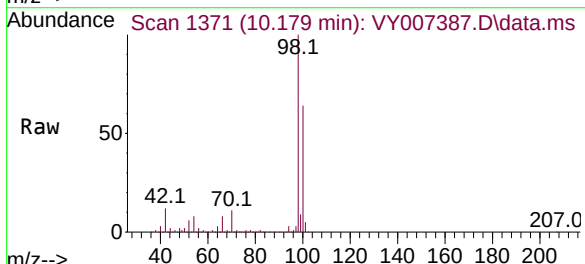
Instrument :
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ClientSampleId :
VY0204SBL01

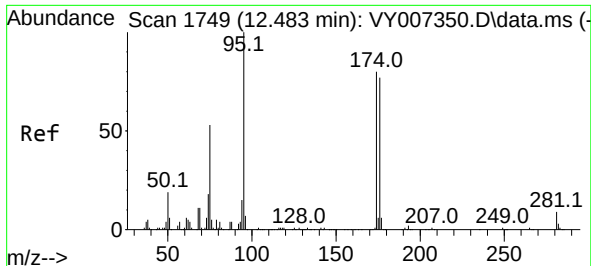
Tgt Ion:117 Resp: 12344
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.408 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

Tgt Ion: 98 Resp: 259443
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

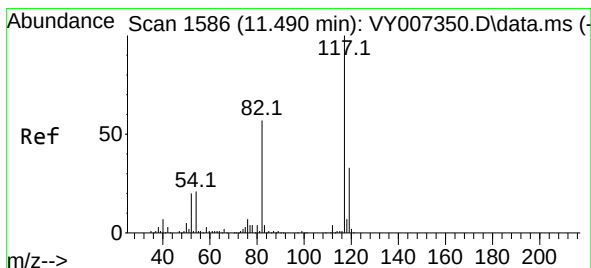
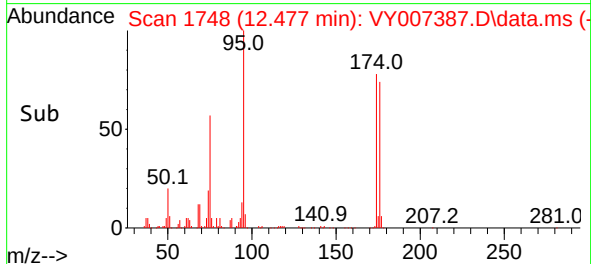
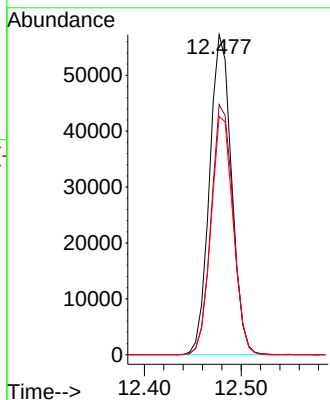
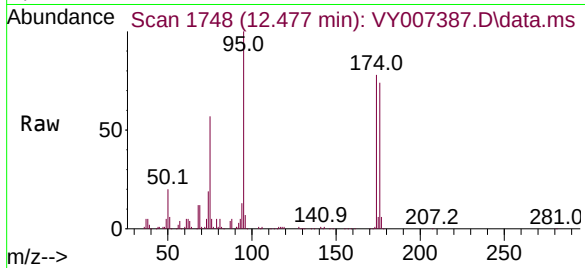




#62
4-Bromofluorobenzene
Concen: 53.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

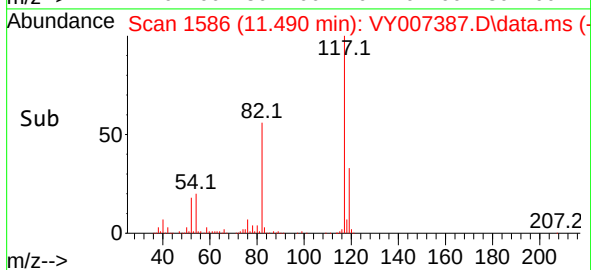
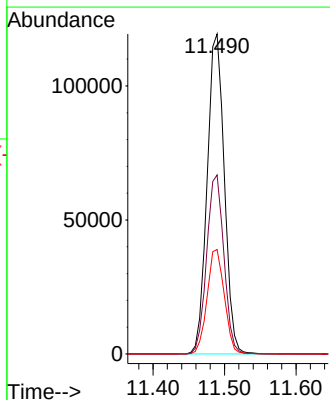
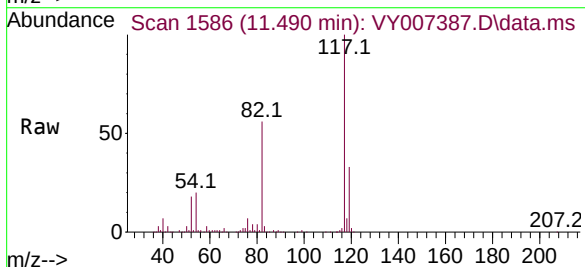
Instrument :
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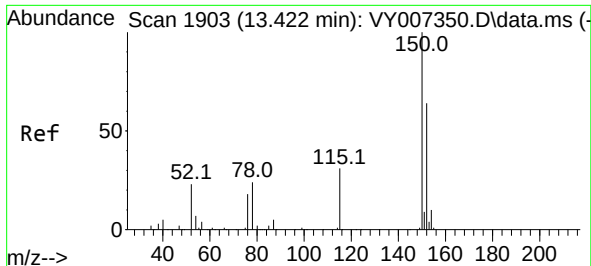
Tgt Ion: 95 Resp: 90644
Ion Ratio Lower Upper
95 100
174 78.3 0.0 177.0
176 74.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007387.D
Acq: 04 Feb 2022 11:36

Tgt Ion: 117 Resp: 198984
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.6 25.4 38.0

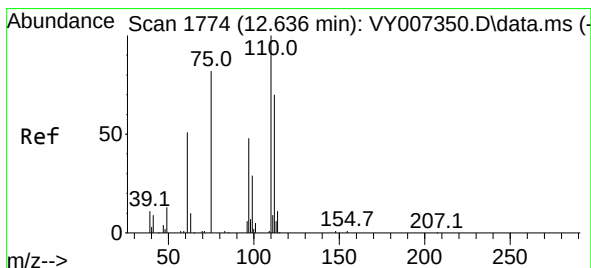
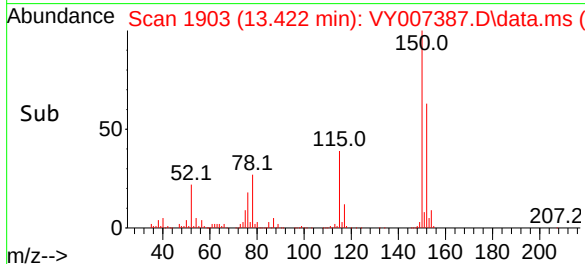
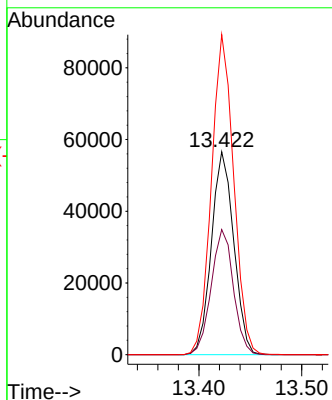
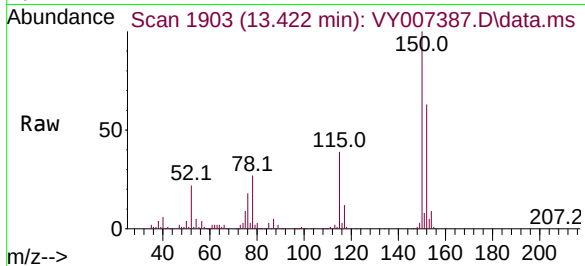




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007387.D
 Acq: 04 Feb 2022 11:36

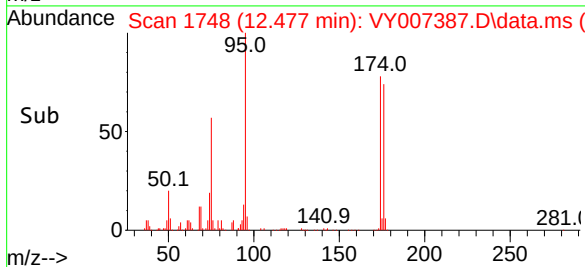
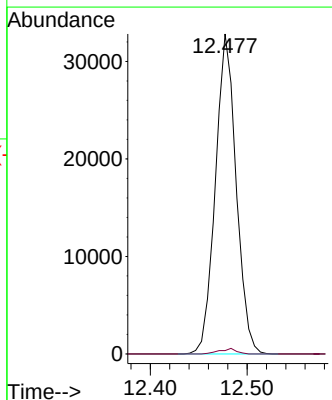
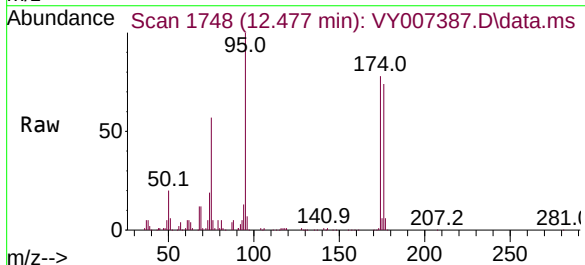
Instrument :
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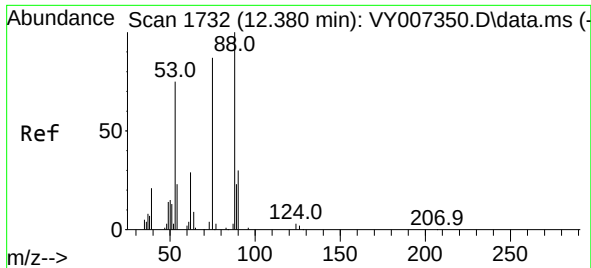
Tgt Ion:152 Resp: 85461
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.161 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY007387.D
 Acq: 04 Feb 2022 11:36

Tgt Ion: 75 Resp: 48930
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.486 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007387.D
 Acq: 04 Feb 2022 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBL01

Tgt Ion: 75 Resp: 48930
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

