

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007442.D
 Acq On : 09 Feb 2022 10:23
 Operator : SY/MD
 Sample : VY0209SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBL01

Quant Time: Feb 10 05:31:55 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)

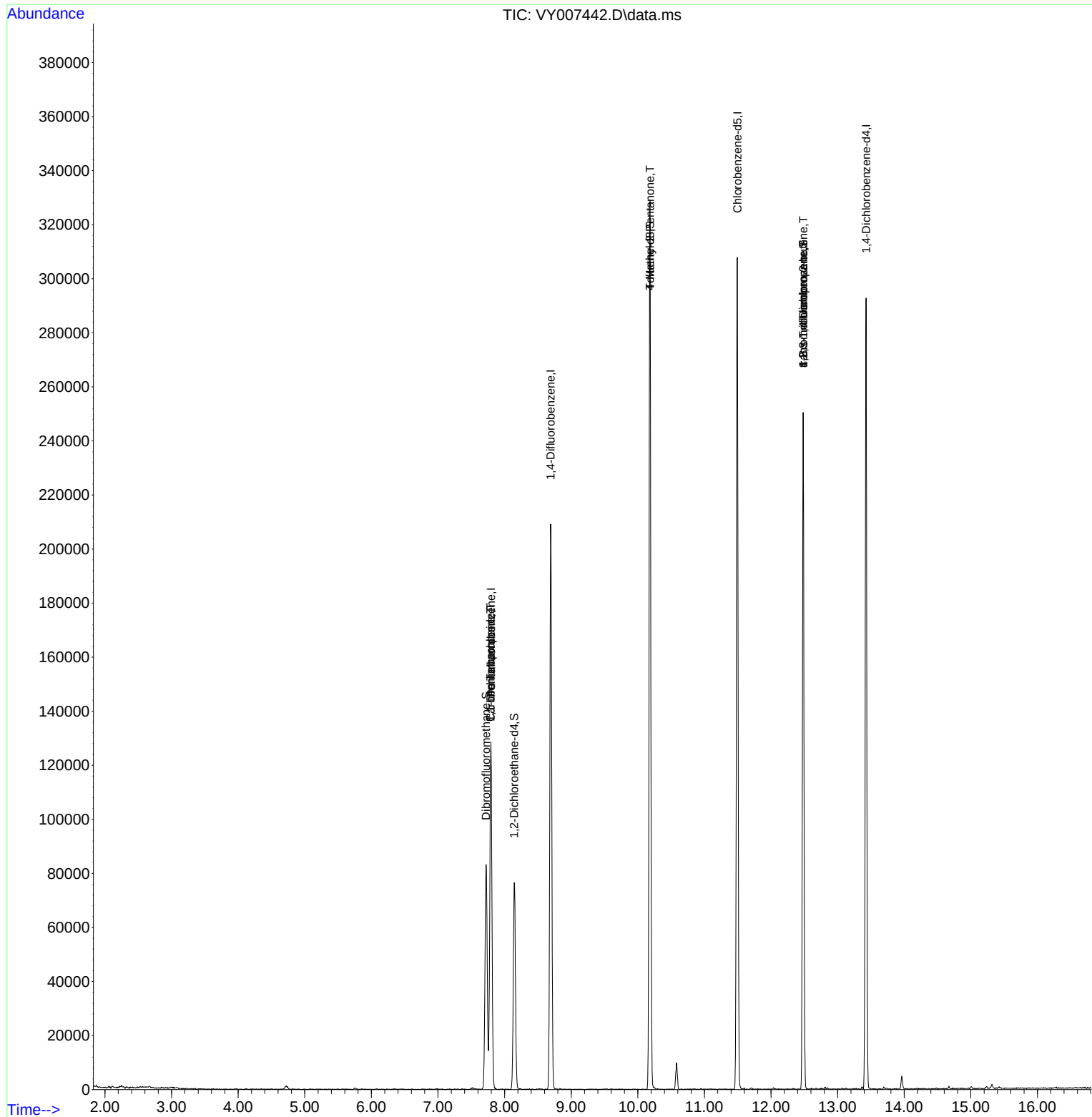
Internal Standards						
1) Pentafluorobenzene	7.795	168	95755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60426	54.862	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.720%			
35) Dibromofluoromethane	7.722	113	58311	50.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.185	98	219251	51.647	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.483	95	75889	52.595	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.180%			
Target Compounds						
3) Chloromethane	2.107	50	399	Below Cal	#	81
20) Methylene Chloride	4.710	84	709	Below Cal	#	62
36) 1,1-Dichloropropene	7.789	75	7571	3.769	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10115	4.793	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1029	1.086	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41662	49.243	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41662	98.655	ug/l #	7

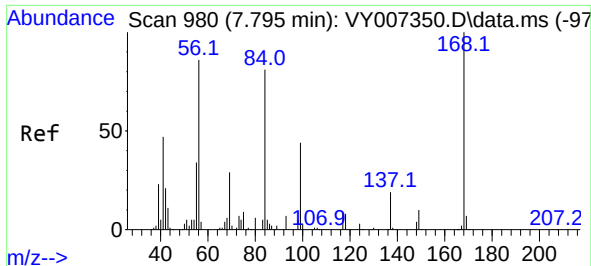
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

Quant Time: Feb 10 05:31:55 2022
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QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

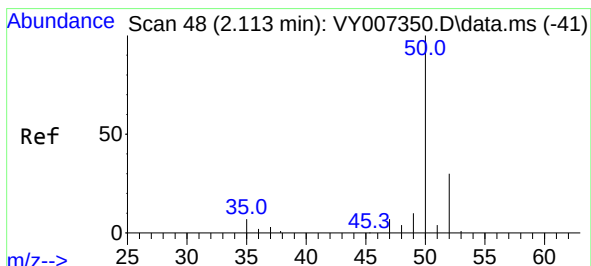
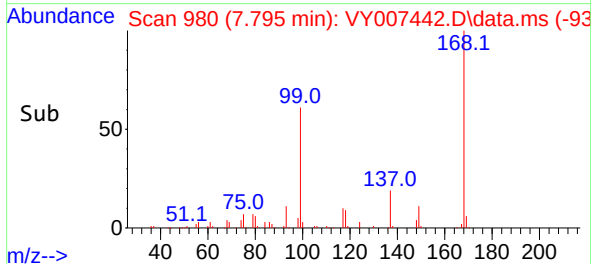
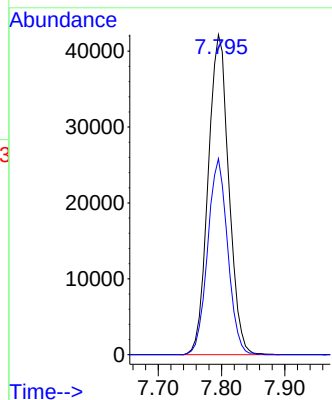
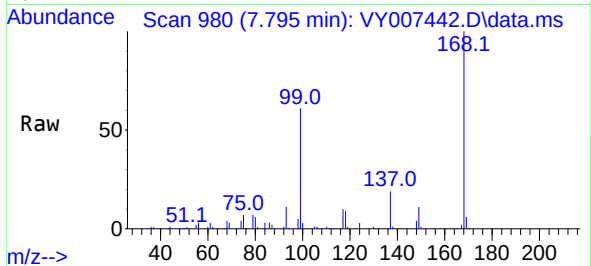




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

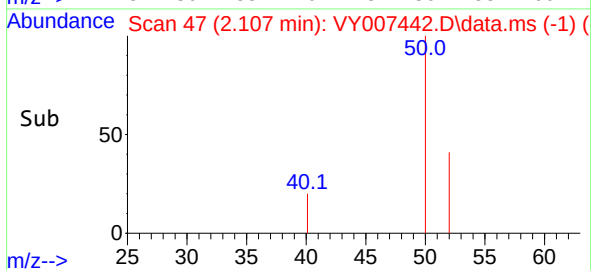
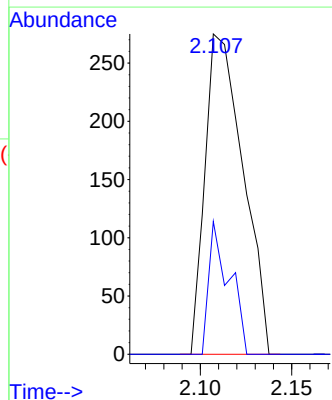
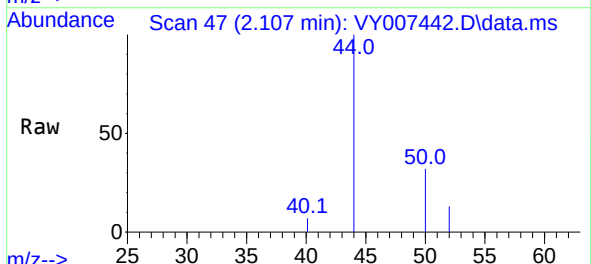
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

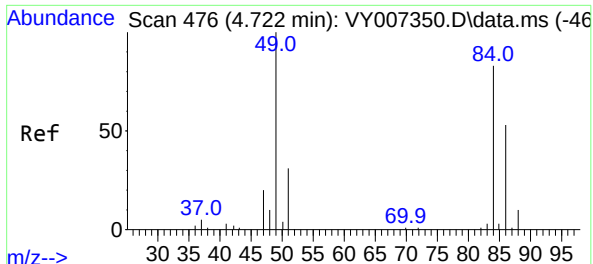
Tgt Ion:168 Resp: 95755
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 50 Resp: 399
Ion Ratio Lower Upper
50 100
52 41.5 24.6 37.0#



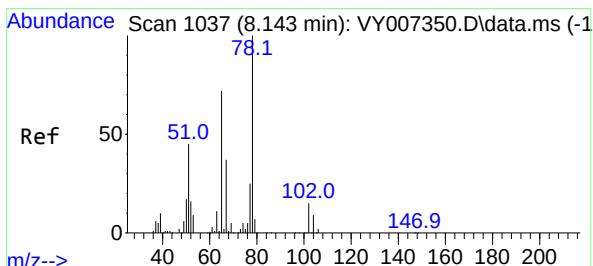
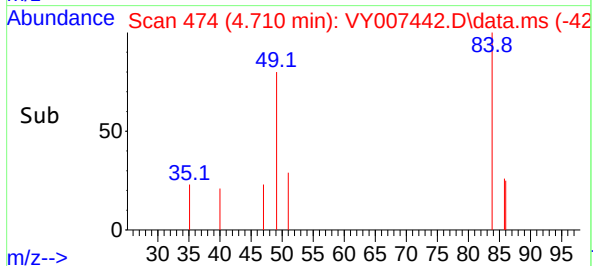
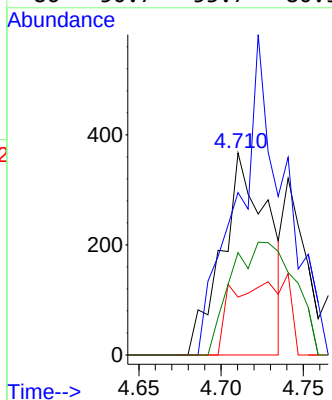
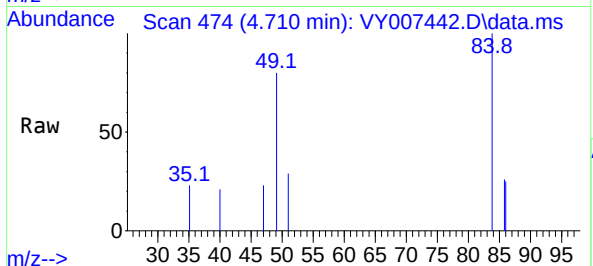


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

Tgt Ion: 84 Resp: 709

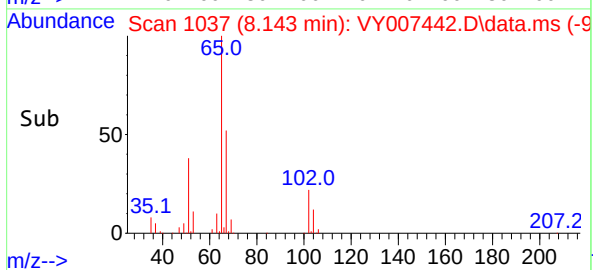
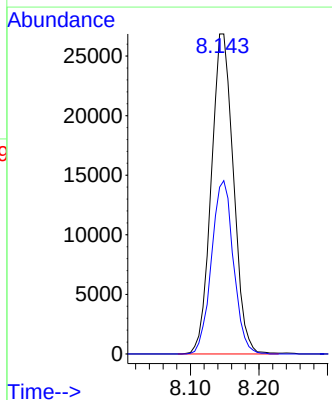
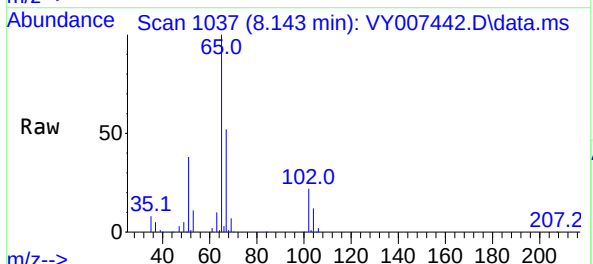
Ion	Ratio	Lower	Upper
84	100		
49	80.4	114.4	171.6#
51	28.6	35.3	52.9#
86	50.7	53.7	80.5#

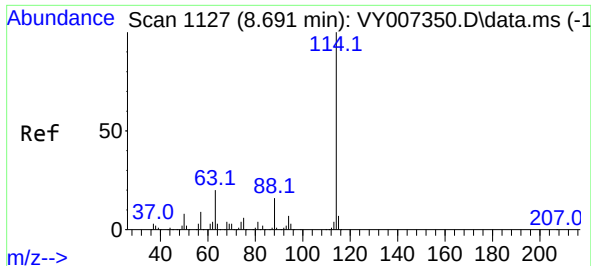


#33
1,2-Dichloroethane-d4
Concen: 54.862 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 65 Resp: 60426

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	99.4



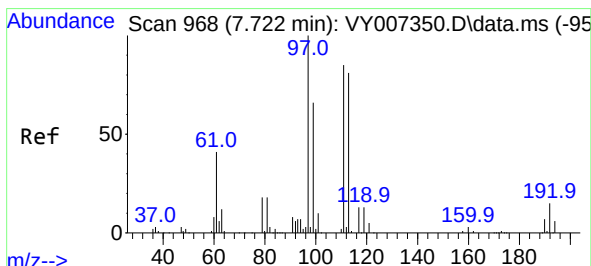
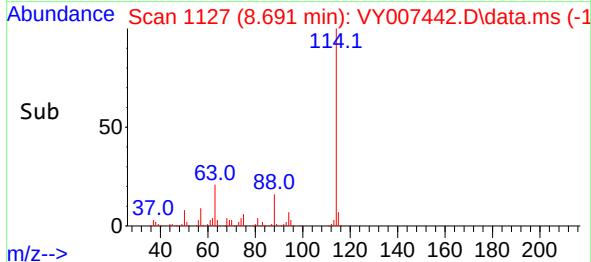
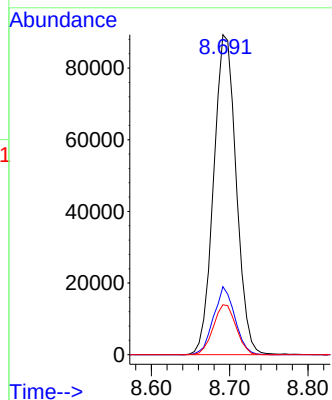
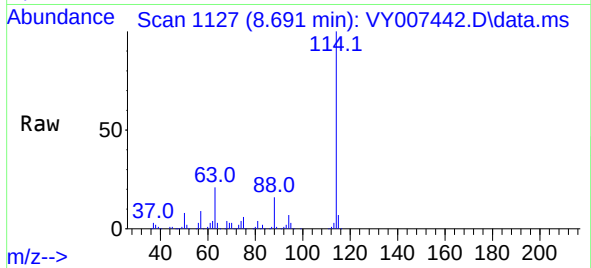


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

Tgt Ion:114 Resp: 178942

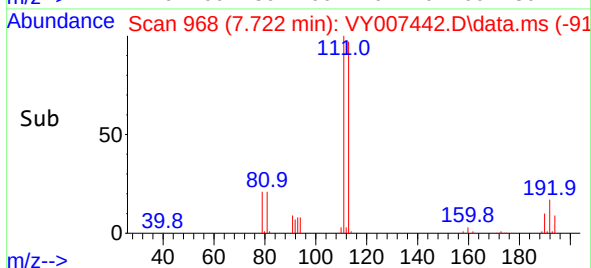
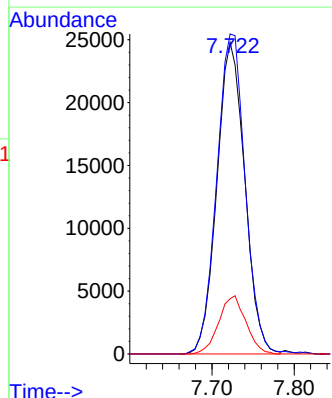
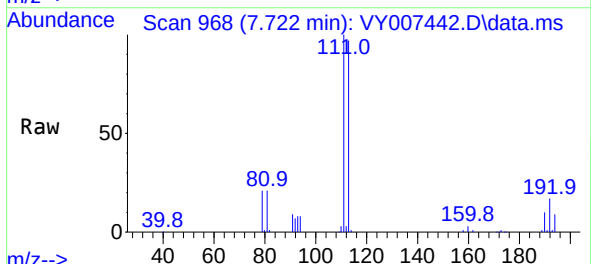
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	15.6	0.0	31.8

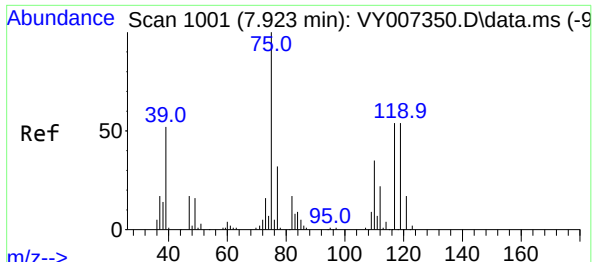


#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion:113 Resp: 58311

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	124.0
192	18.2	17.6	26.4

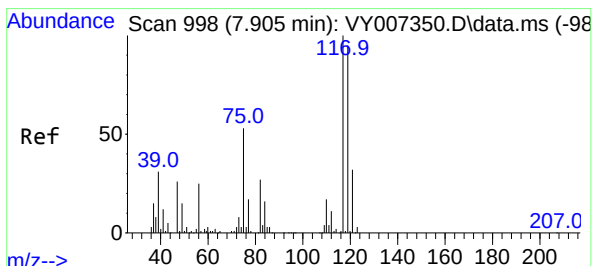
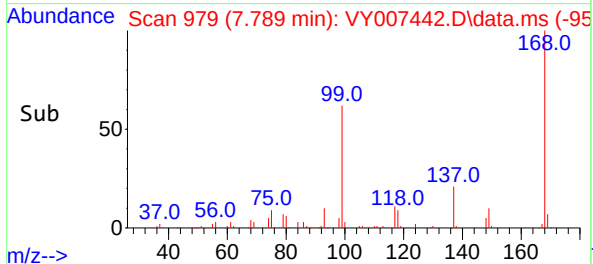
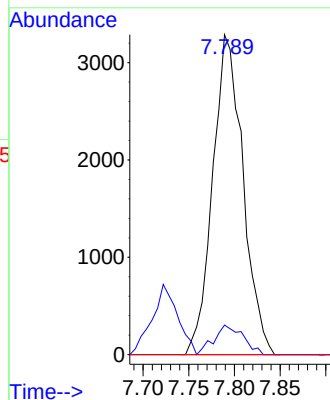
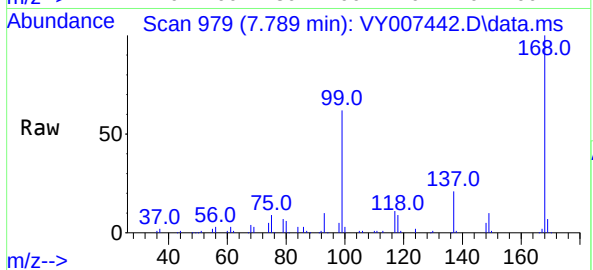




#36
1,1-Dichloropropene
Concen: 3.769 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

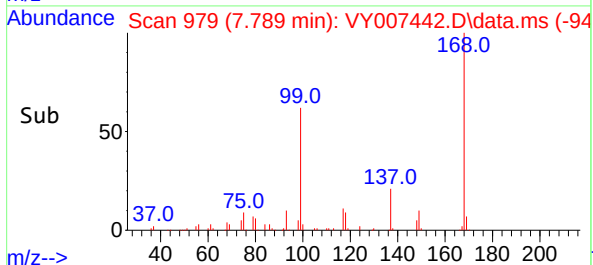
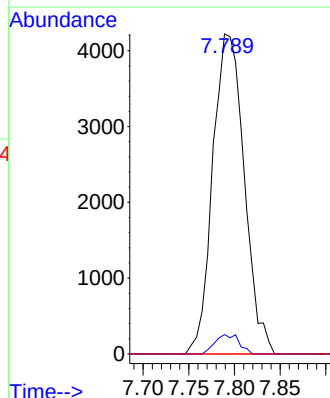
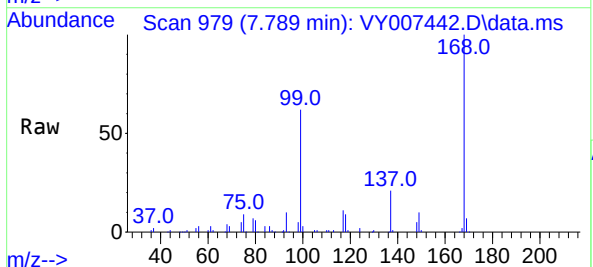
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

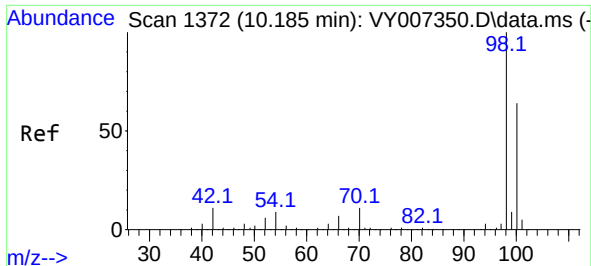
Tgt Ion: 75 Resp: 7571
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.793 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 117 Resp: 10115
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#

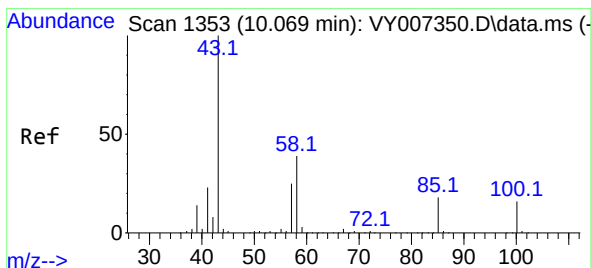
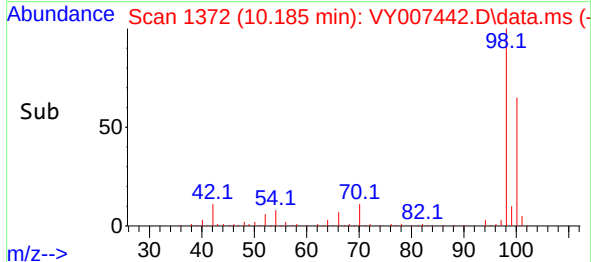
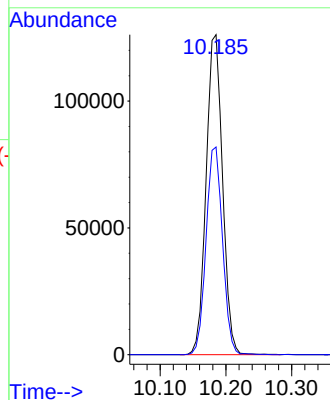
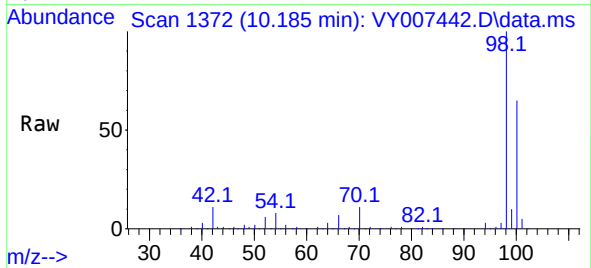




#50
Toluene-d8
Concen: 51.647 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

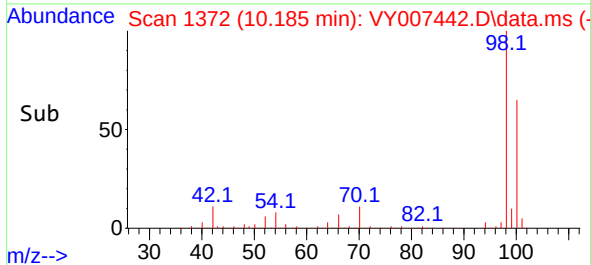
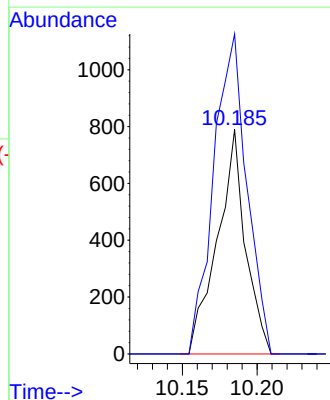
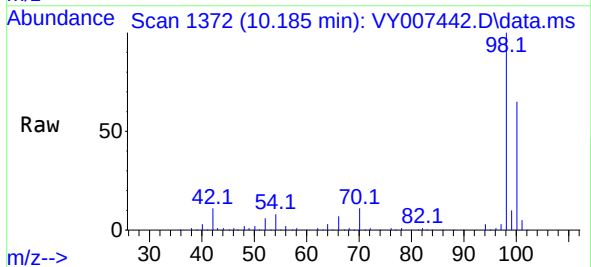
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

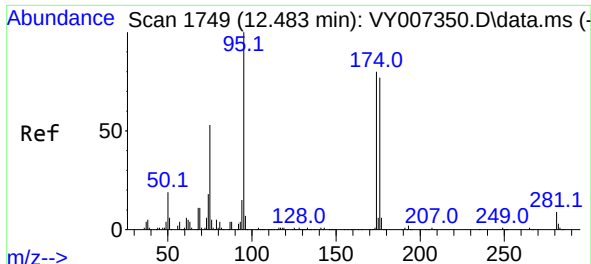
Tgt Ion: 98 Resp: 219251
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.086 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 168.4 28.1 42.1#

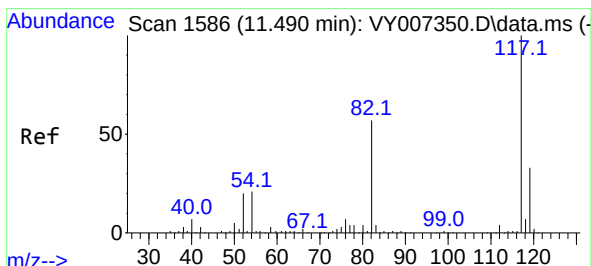
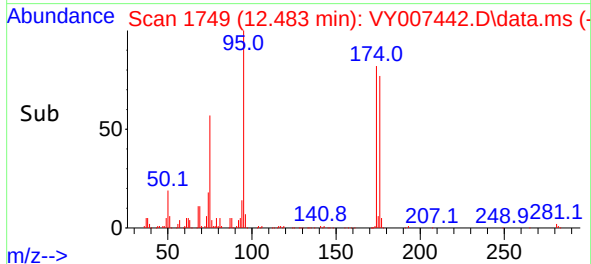
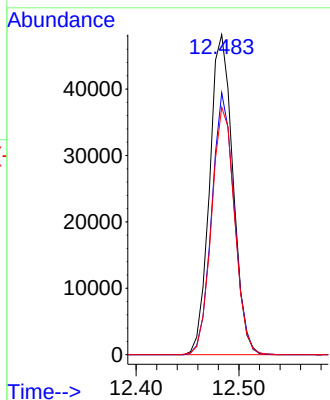
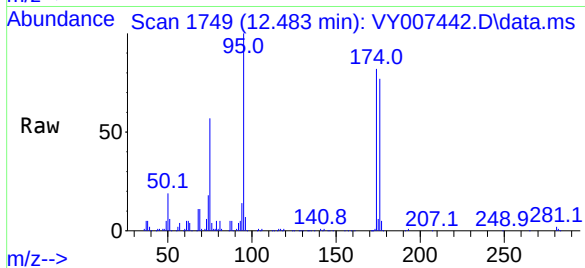




#62
4-Bromofluorobenzene
Concen: 52.595 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

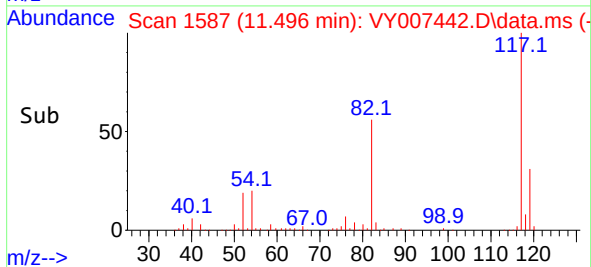
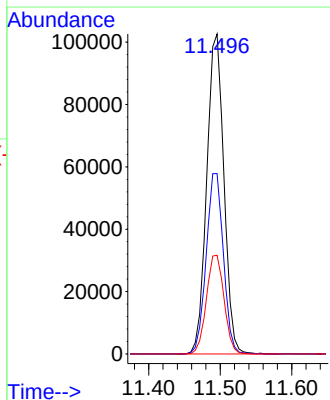
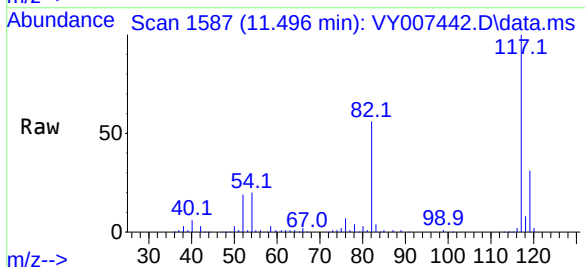
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ClientSampleId :
VY0209SBL01

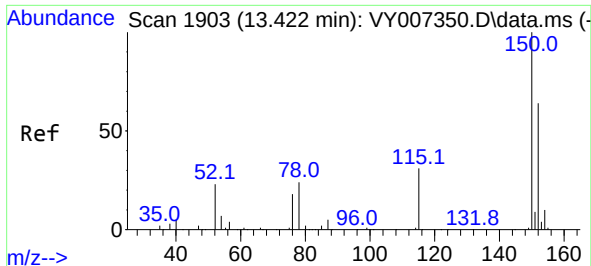
Tgt Ion: 95 Resp: 75889
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 117 Resp: 170710
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 30.9 25.4 38.0

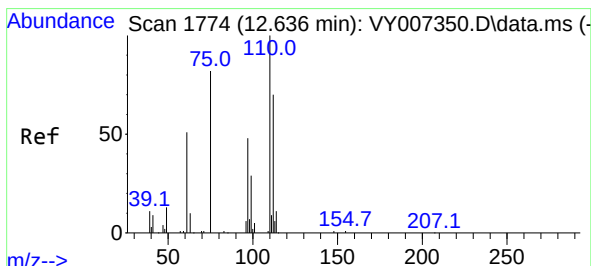
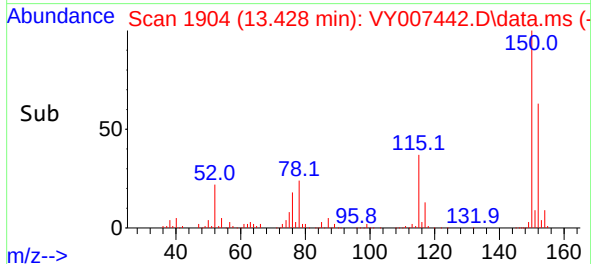
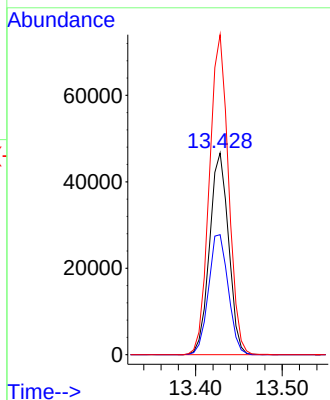
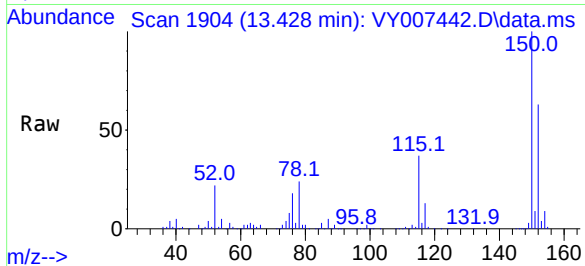




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

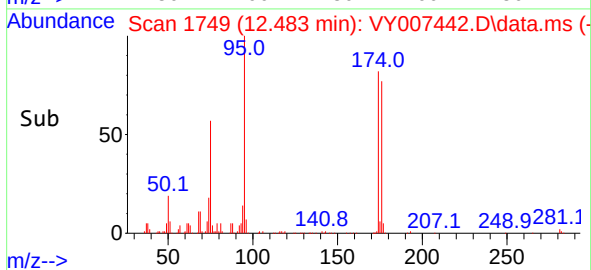
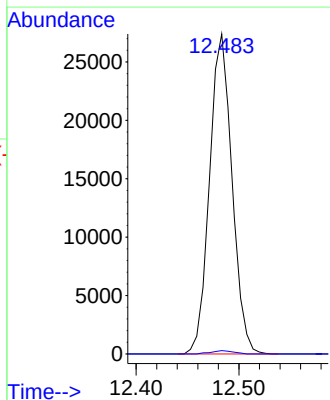
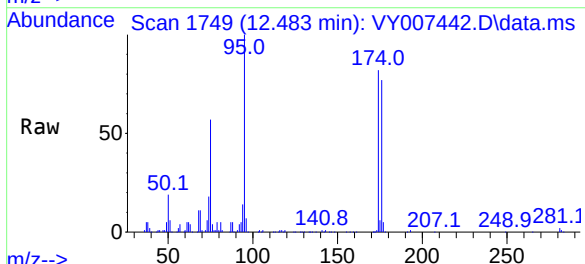
Instrument :
MSVOA_Y
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VY0209SBL01

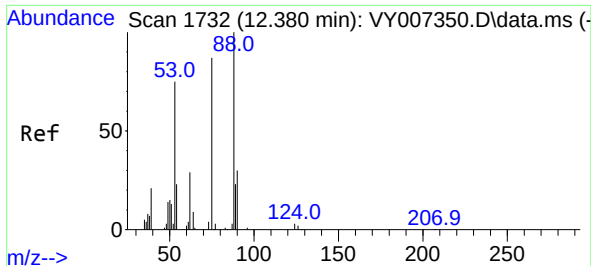
Tgt Ion:152 Resp: 71167
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 159.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 75 Resp: 41662
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.655 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007442.D
 Acq: 09 Feb 2022 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBL01

Tgt Ion: 75 Resp: 41662
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

