

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009843.D
 Acq On : 04 Aug 2022 19:29
 Operator : KP/MD
 Sample : N3998-05
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Aug 05 01:45:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

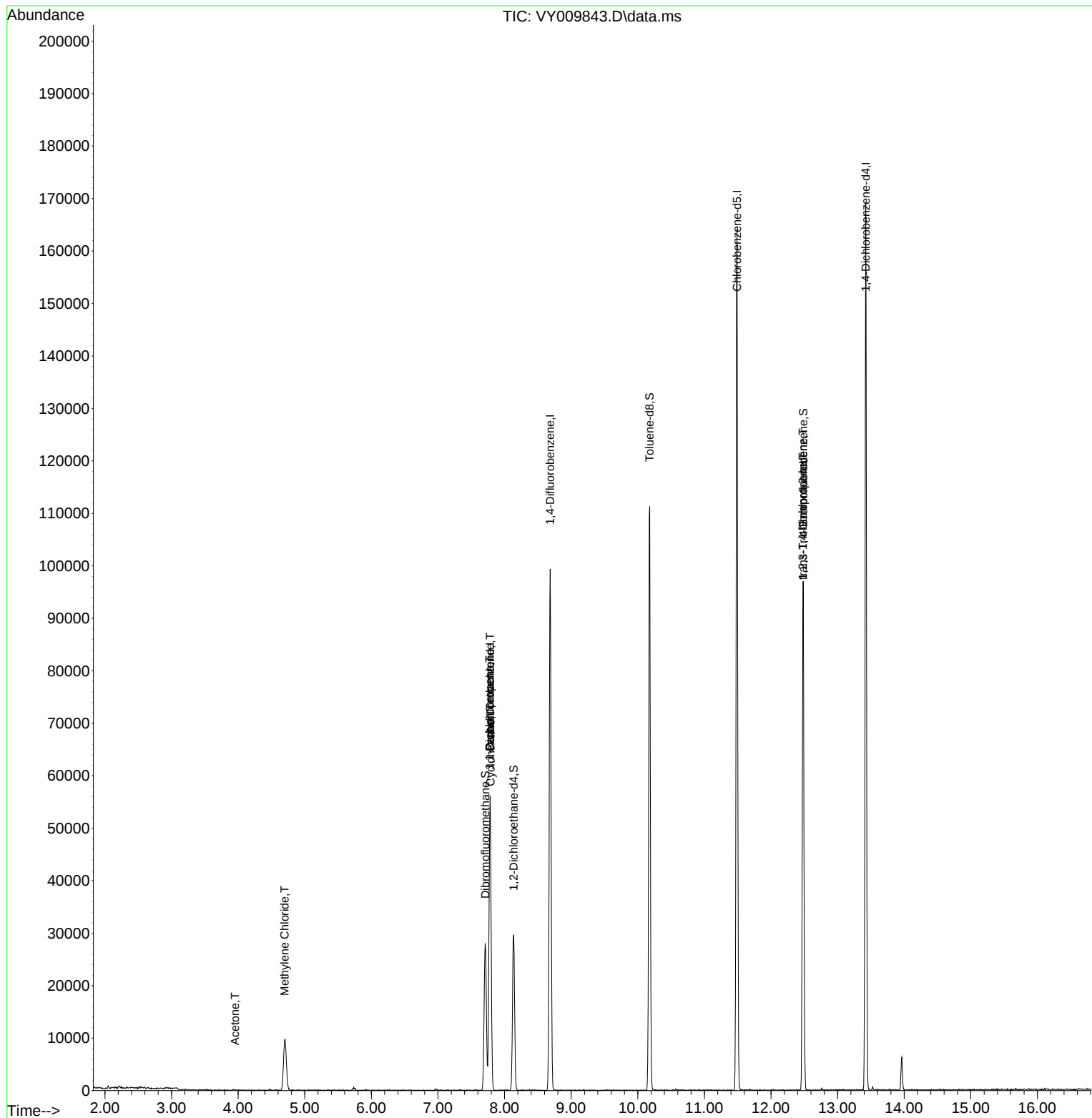
Internal Standards						
1) Pentafluorobenzene	7.783	168	43499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	85481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	22310	64.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.200%	
35) Dibromofluoromethane	7.710	113	19689	38.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.600%	
50) Toluene-d8	10.179	98	70167	46.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 93.260%	
62) 4-Bromofluorobenzene	12.483	95	23057	33.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 67.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	231	1.876	ug/l #	45
20) Methylene Chloride	4.698	84	7229	5.691	ug/l	94
31) Cyclohexane	7.789	56	981	1.192	ug/l #	23
36) 1,1-Dichloropropene	7.777	75	3422	4.065	ug/l #	50
38) Carbon Tetrachloride	7.783	117	4189	4.731	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	12982	27.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12982	59.883	ug/l #	12

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

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Response via : Initial Calibration

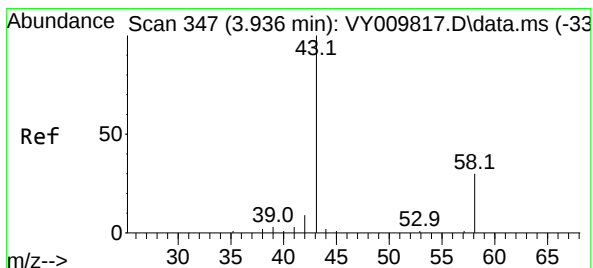
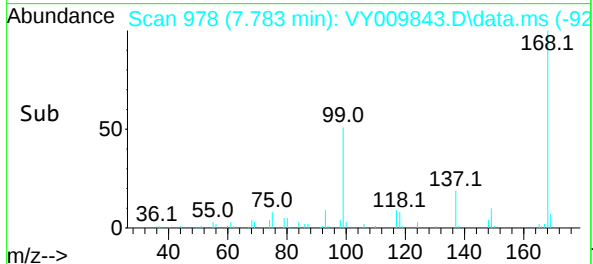
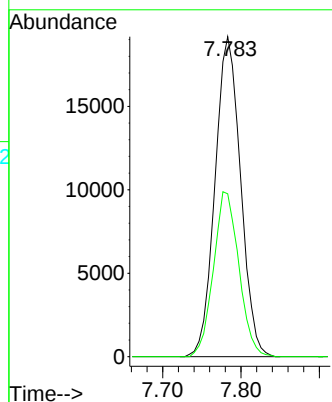
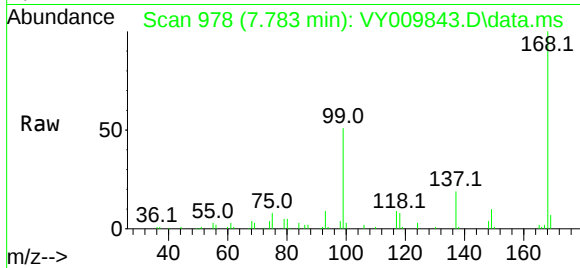




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

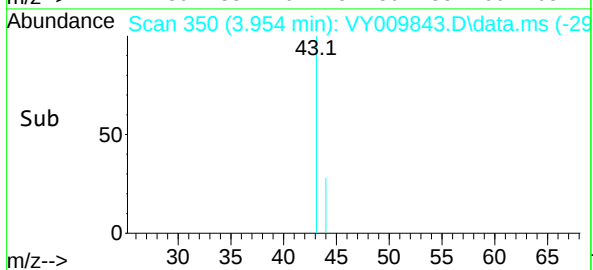
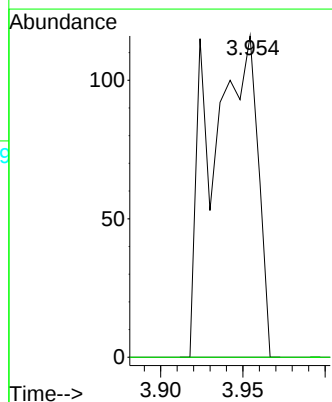
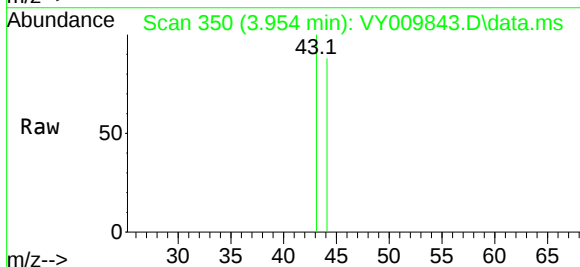
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

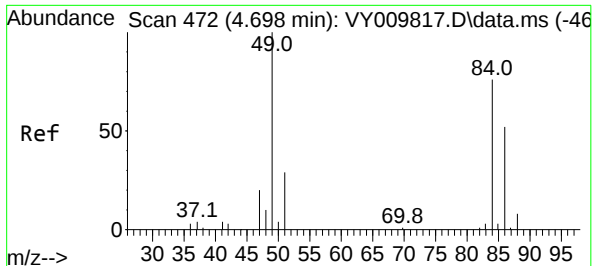
Tgt Ion:168 Resp: 43499
Ion Ratio Lower Upper
168 100
99 50.9 44.7 67.1



#16
Acetone
Concen: 1.876 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



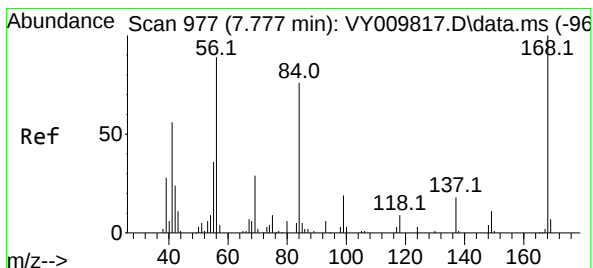
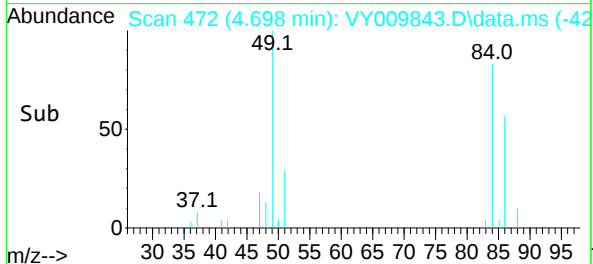
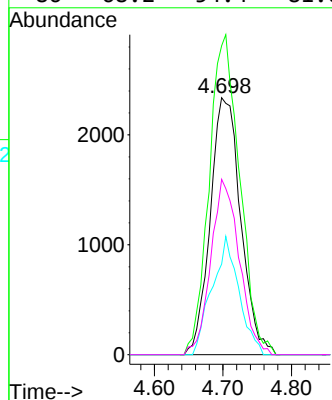
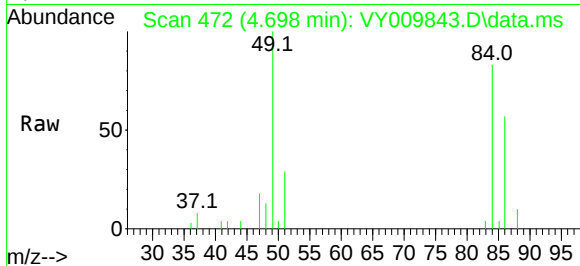


#20
Methylene Chloride
Concen: 5.691 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion: 84 Resp: 7229

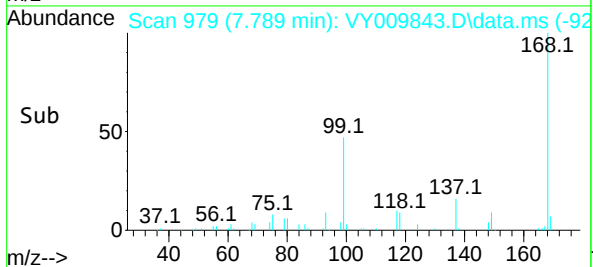
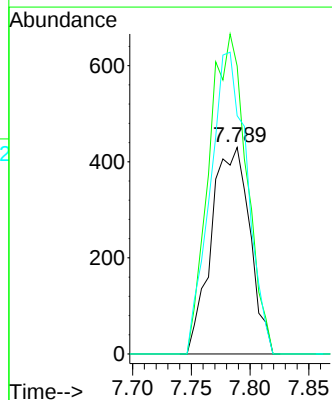
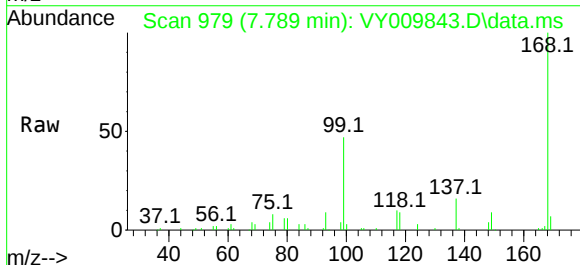
Ion	Ratio	Lower	Upper
84	100		
49	120.2	104.6	156.8
51	35.2	30.9	46.3
86	68.2	54.4	81.6

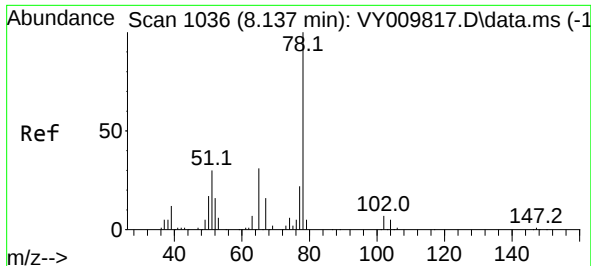


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Tgt Ion: 56 Resp: 981

Ion	Ratio	Lower	Upper
56	100		
69	139.3	25.8	38.8#
84	115.3	67.9	101.9#

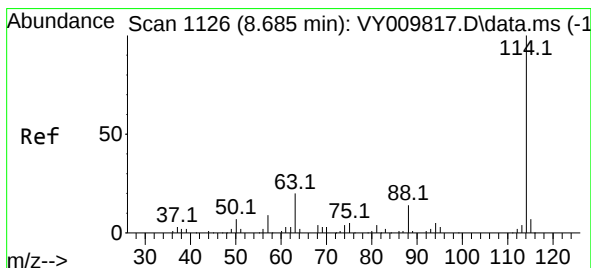
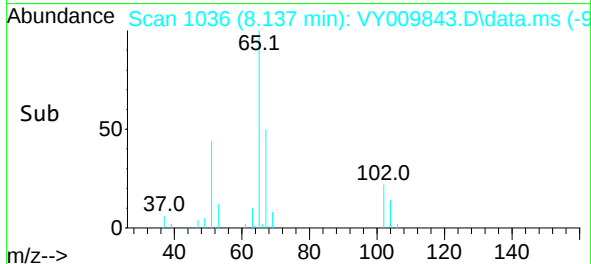
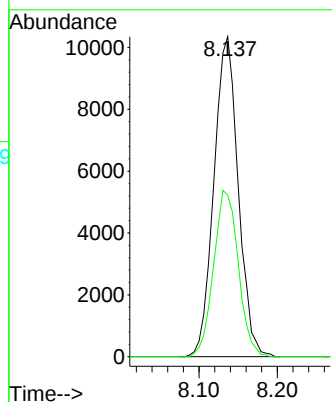
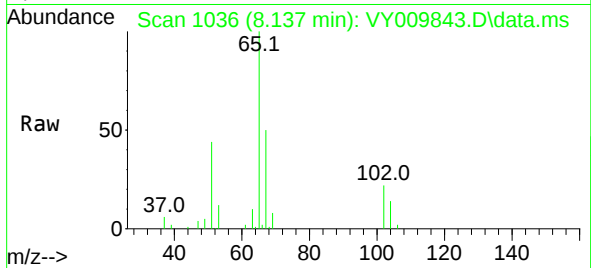




#33
1,2-Dichloroethane-d4
Concen: 64.102 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

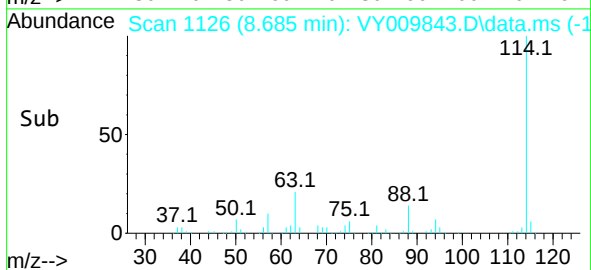
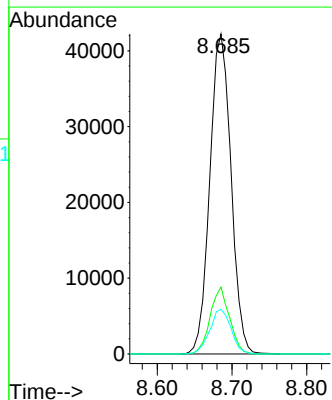
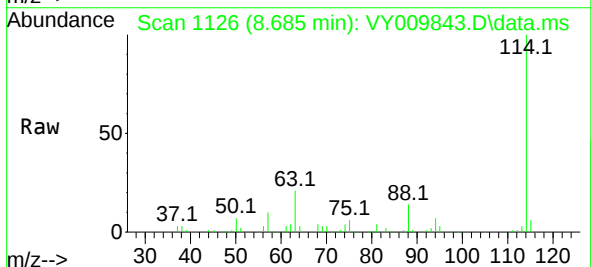
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

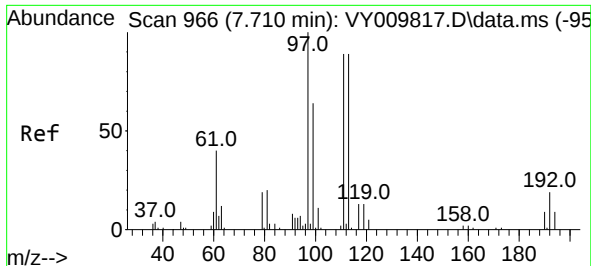
Tgt Ion: 65 Resp: 22310
Ion Ratio Lower Upper
65 100
67 52.7 0.0 112.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Tgt Ion: 114 Resp: 83226
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.2
88 14.0 0.0 27.6

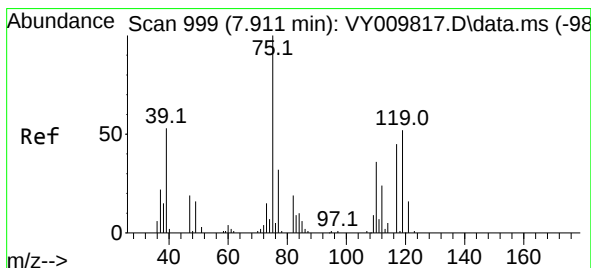
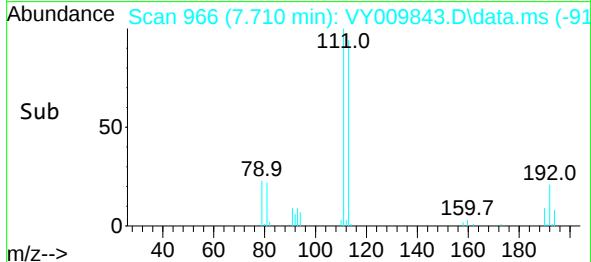
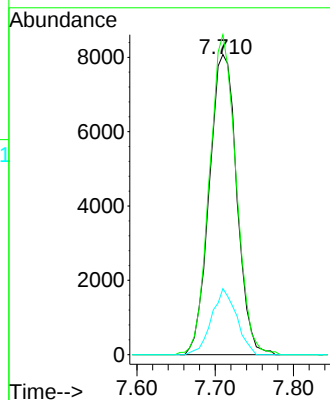
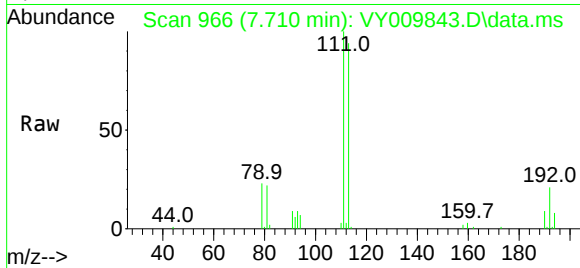




#35
Dibromofluoromethane
Concen: 38.801 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

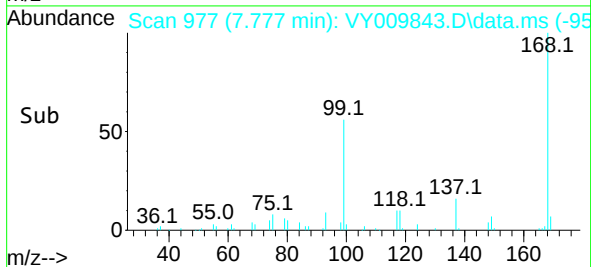
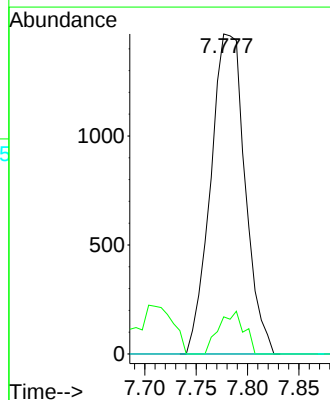
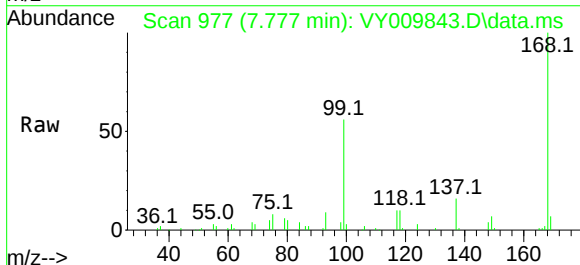
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

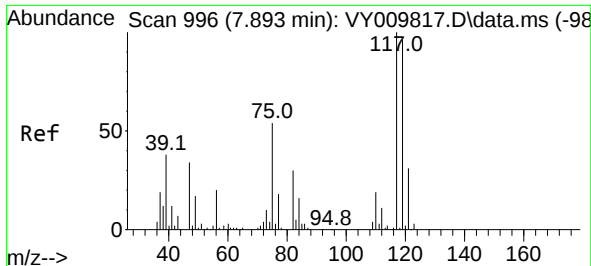
Tgt Ion:	113	Resp:	19689
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	20.0	16.5	24.7



#36
1,1-Dichloropropene
Concen: 4.065 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Tgt Ion:	75	Resp:	3422
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.8	53.4#
77	0.0	24.6	36.8#

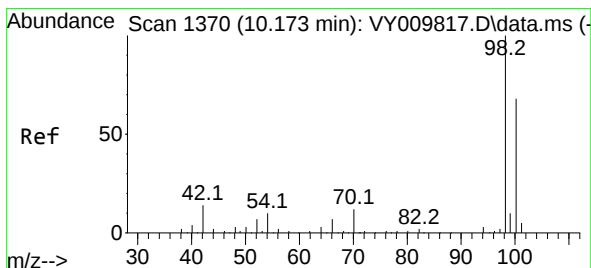
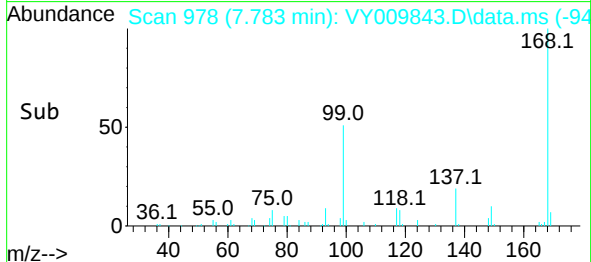
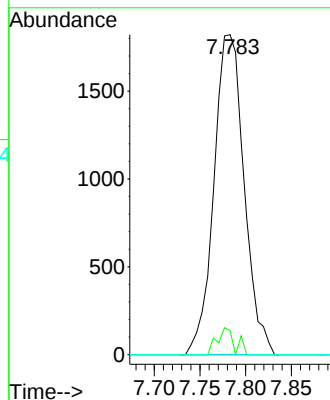
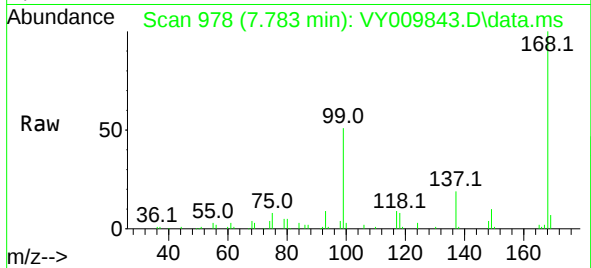




#38
Carbon Tetrachloride
Concen: 4.731 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

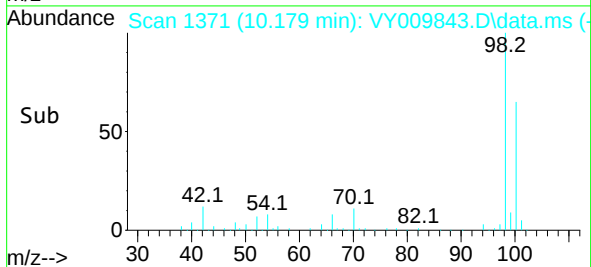
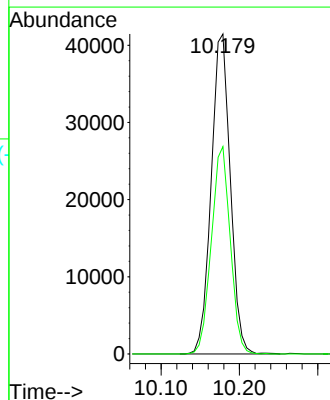
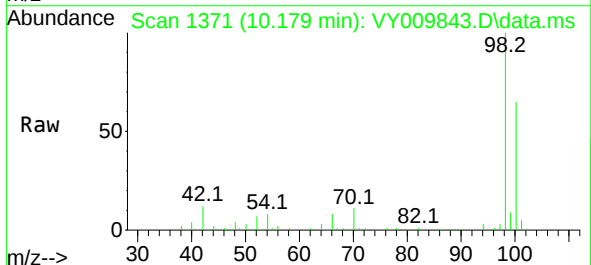
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

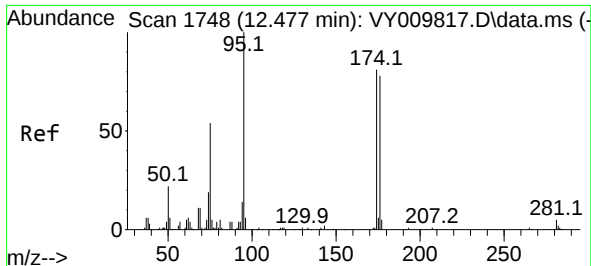
Tgt Ion:117 Resp: 4189
Ion Ratio Lower Upper
117 100
119 7.5 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 46.635 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Tgt Ion: 98 Resp: 70167
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.2

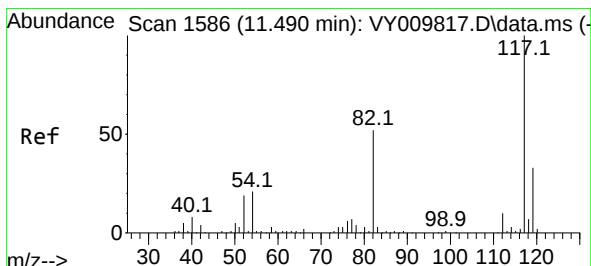
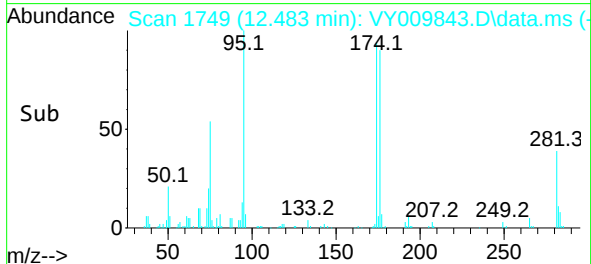
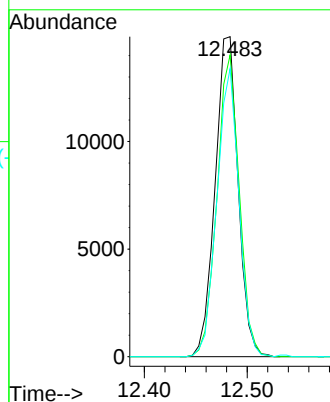
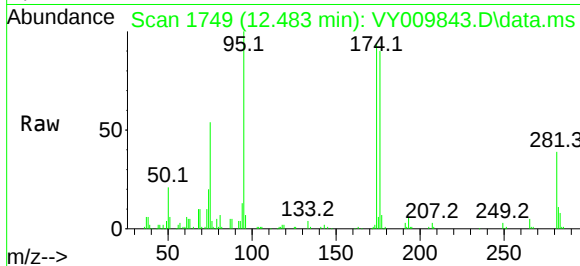




#62
4-Bromofluorobenzene
Concen: 33.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

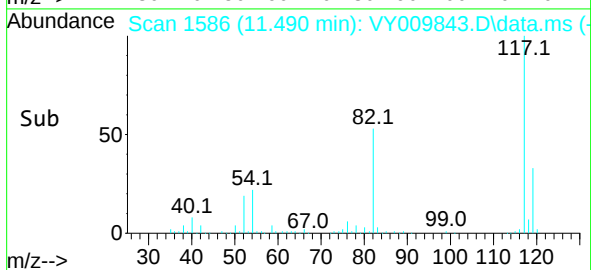
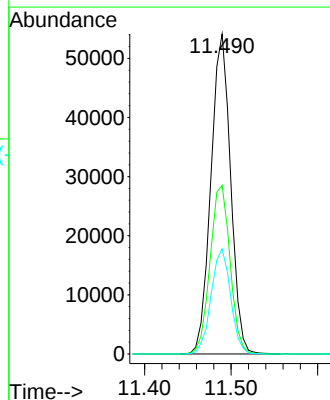
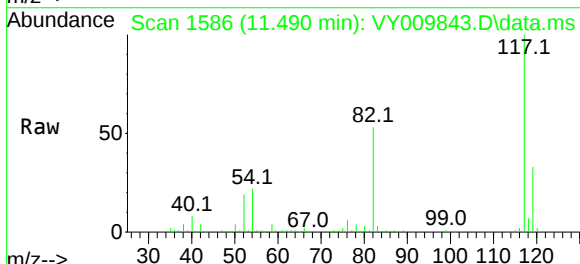
Instrument :
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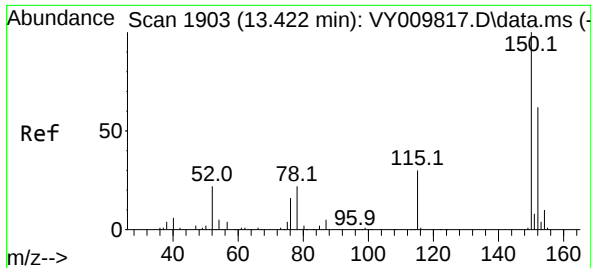
Tgt Ion:	95	Resp:	23057
Ion Ratio	Lower	Upper	
95	100		
174	91.3	0.0	168.6
176	86.5	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009843.D
Acq: 04 Aug 2022 19:29

Tgt Ion:	117	Resp:	85481
Ion Ratio	Lower	Upper	
117	100		
82	52.7	41.7	62.5
119	32.9	26.6	40.0

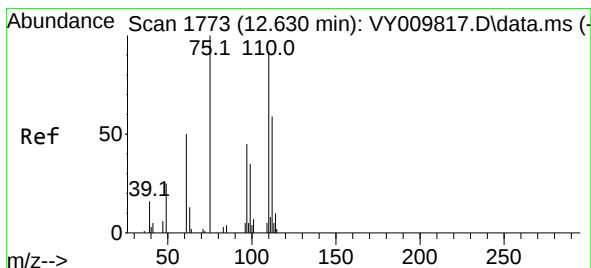
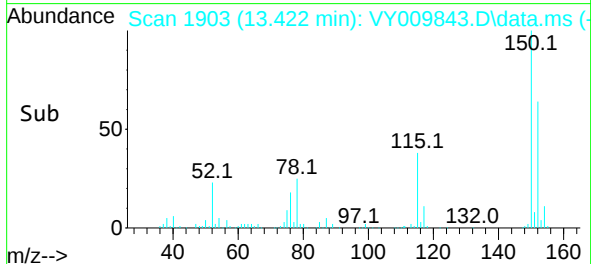
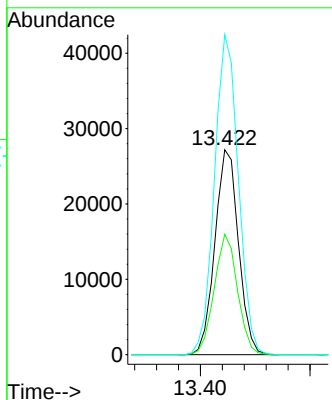
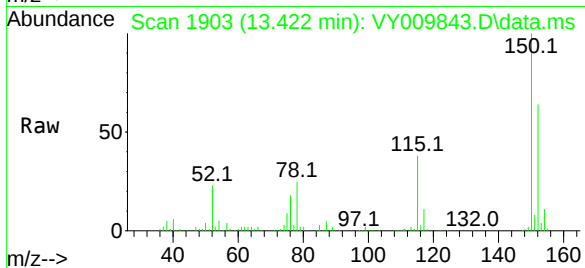




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009843.D
 Acq: 04 Aug 2022 19:29

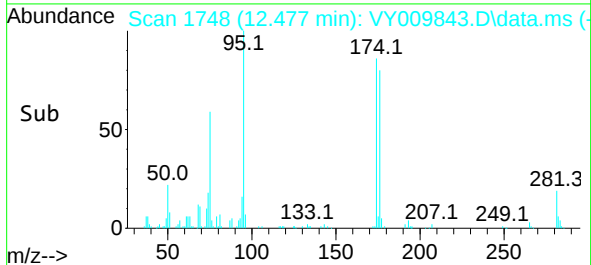
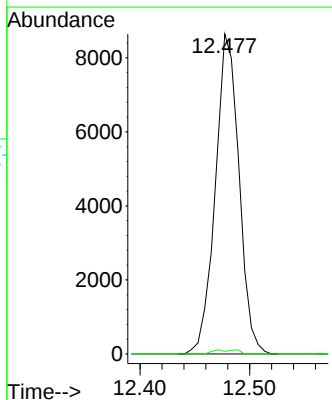
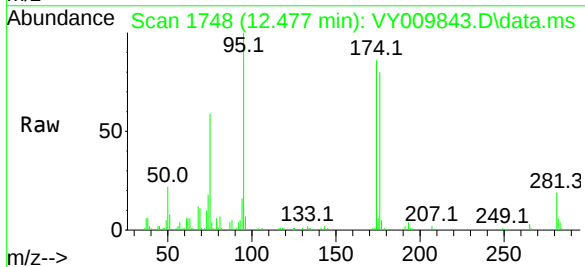
Instrument :
 MSVOA_Y
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 SB-5

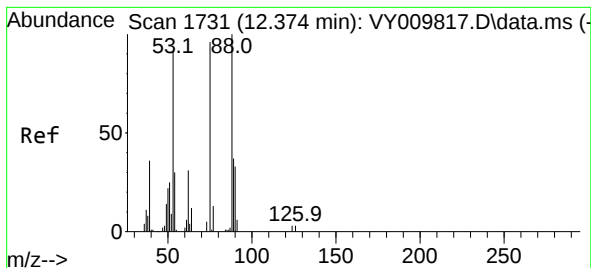
Tgt Ion:152 Resp: 40674
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.9 86.7
 150 158.1 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 27.901 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009843.D
 Acq: 04 Aug 2022 19:29

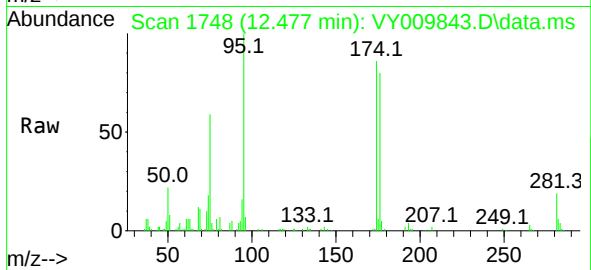
Tgt Ion: 75 Resp: 12982
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.883 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009843.D
 Acq: 04 Aug 2022 19:29

Instrument :
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 SB-5



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	35.3	52.9#

