

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009842.D
 Acq On : 04 Aug 2022 19:05
 Operator : KP/MD
 Sample : N3998-04
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Aug 05 01:45:11 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)

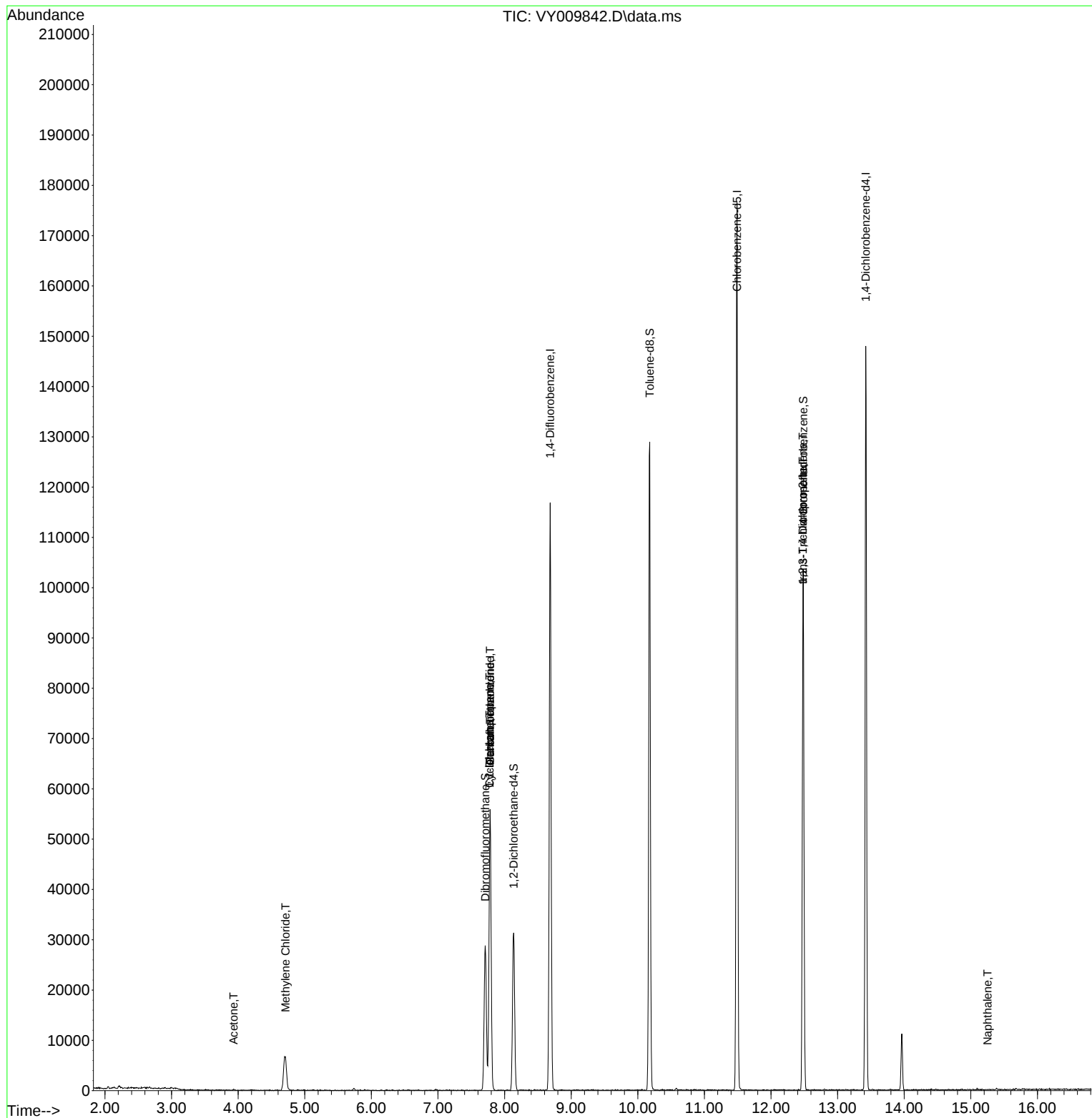
Internal Standards						
1) Pentafluorobenzene	7.783	168	41737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	93820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23755	71.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.780%			
35) Dibromofluoromethane	7.710	113	19961	34.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 69.780%			
50) Toluene-d8	10.179	98	81892	48.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 97.140%			
62) 4-Bromofluorobenzene	12.483	95	25743	33.234	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 66.460%			
Target Compounds					Qvalue	
16) Acetone	3.930	43	166	1.405	ug/l #	45
20) Methylene Chloride	4.710	84	4938	1.321	ug/l	97
31) Cyclohexane	7.777	56	1026	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	3511	3.700	ug/l #	48
38) Carbon Tetrachloride	7.783	117	4151	4.159	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	13446	31.728	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13446	68.095	ug/l #	12
95) Naphthalene	15.251	128	23	5.434	ug/l #	69

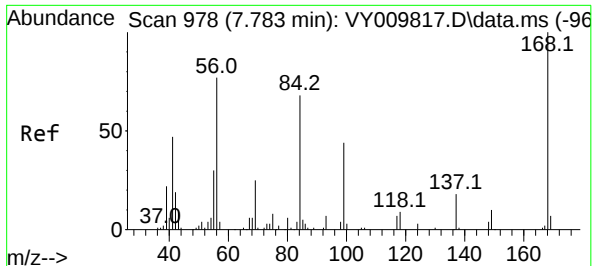
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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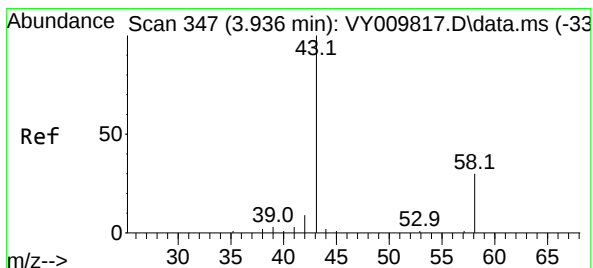
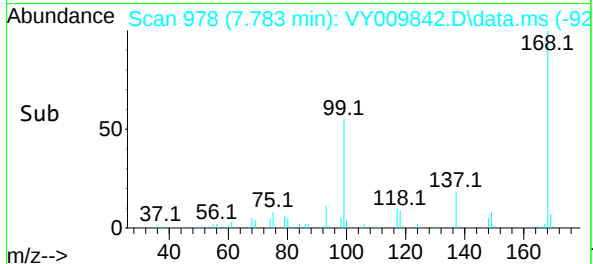
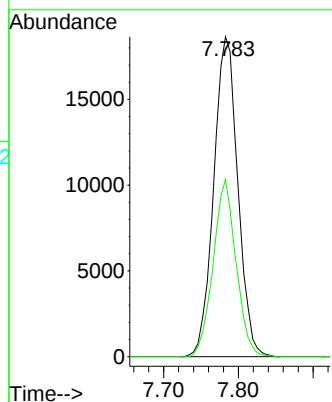
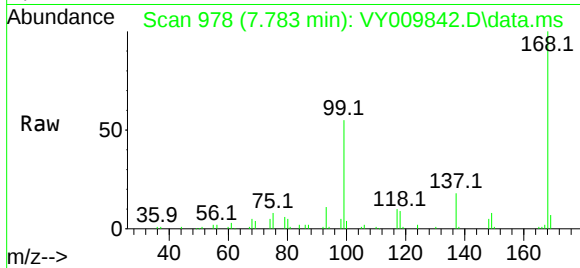




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

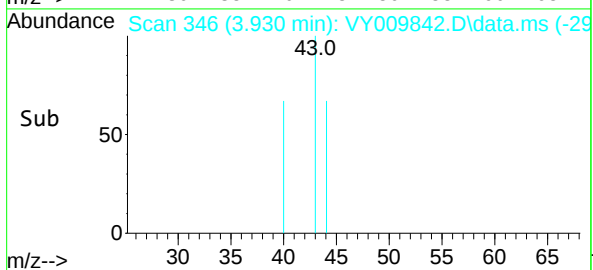
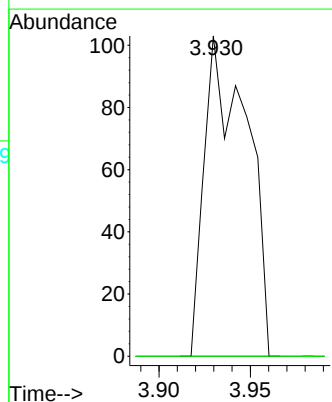
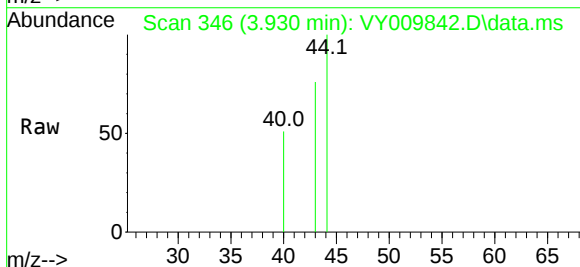
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

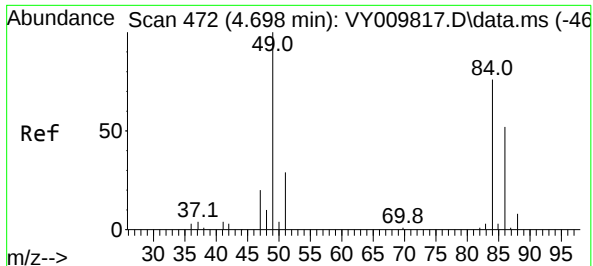
Tgt Ion:168 Resp: 41737
Ion Ratio Lower Upper
168 100
99 55.4 44.7 67.1



#16
Acetone
Concen: 1.405 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



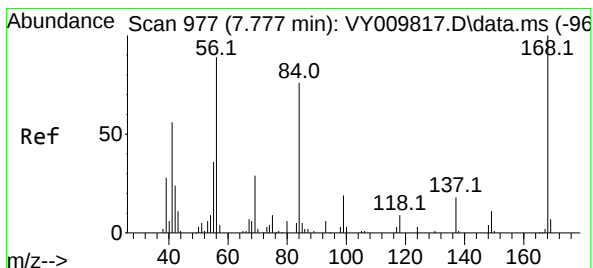
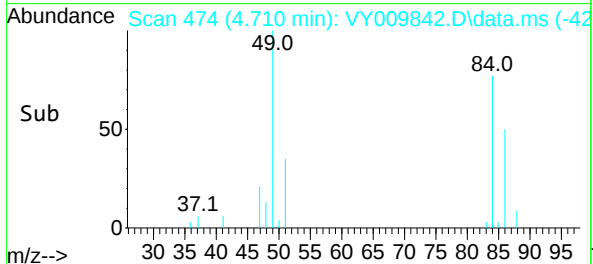
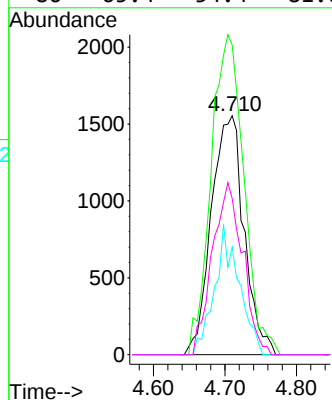
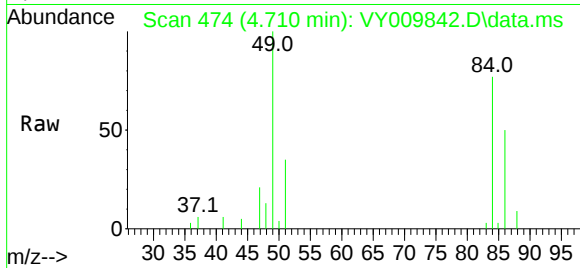


#20
Methylene Chloride
Concen: 1.321 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tgt Ion: 84 Resp: 4938

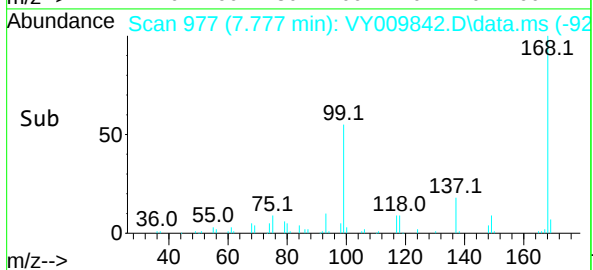
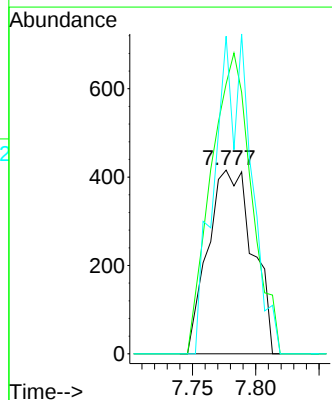
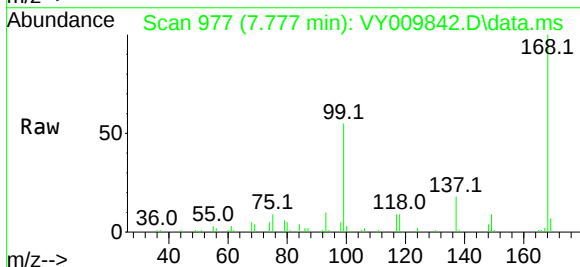
Ion	Ratio	Lower	Upper
84	100		
49	129.5	104.6	156.8
51	45.0	30.9	46.3
86	65.4	54.4	81.6

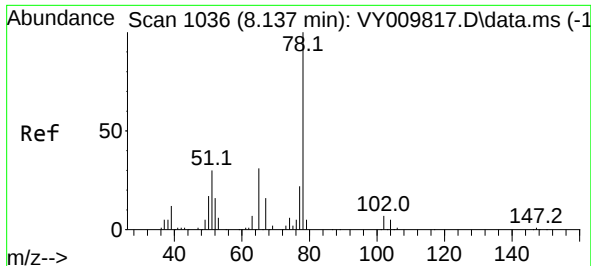


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 56 Resp: 1026

Ion	Ratio	Lower	Upper
56	100		
69	146.9	25.8	38.8#
84	172.8	67.9	101.9#





#33

1,2-Dichloroethane-d4

Concen: 71.894 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009842.D

Acq: 04 Aug 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

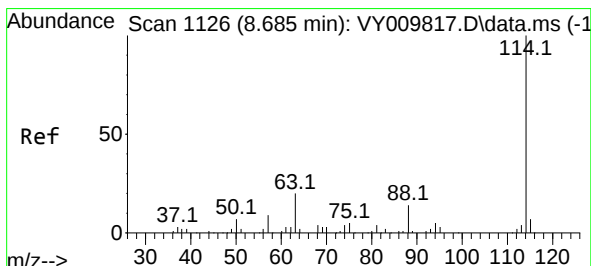
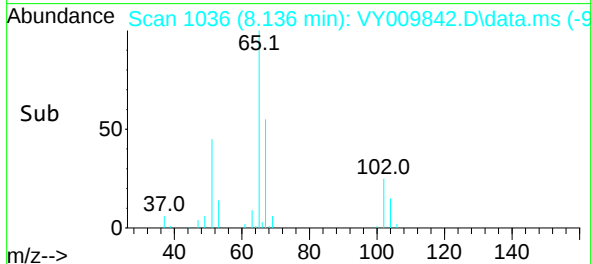
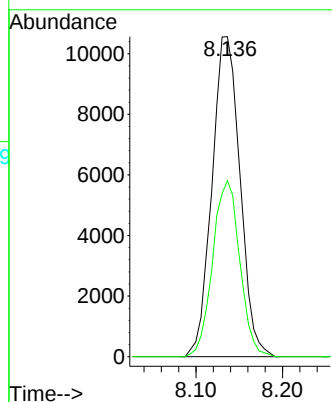
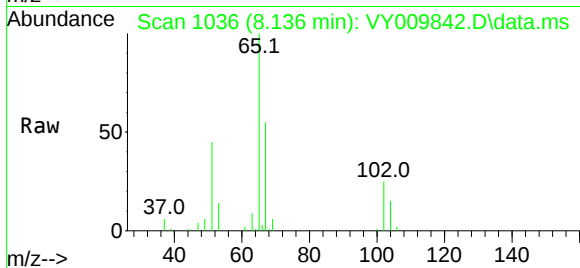
SB-4

Tgt Ion: 65 Resp: 23755

Ion Ratio Lower Upper

65 100

67 53.0 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: VY009842.D

Acq: 04 Aug 2022 19:05

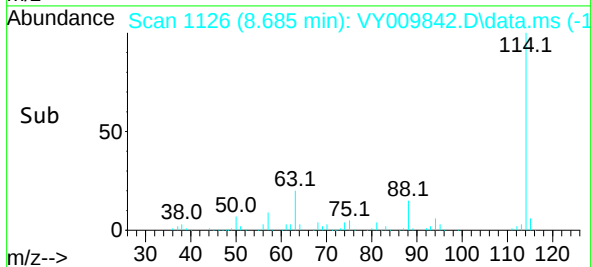
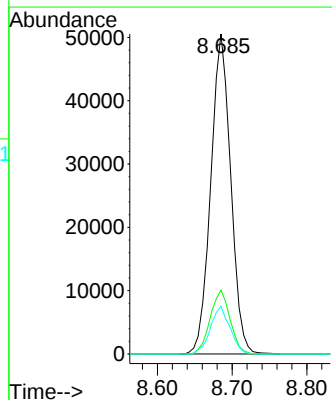
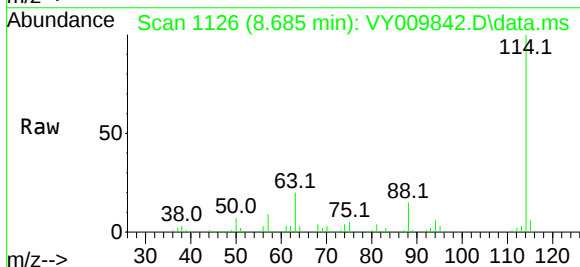
Tgt Ion: 114 Resp: 93820

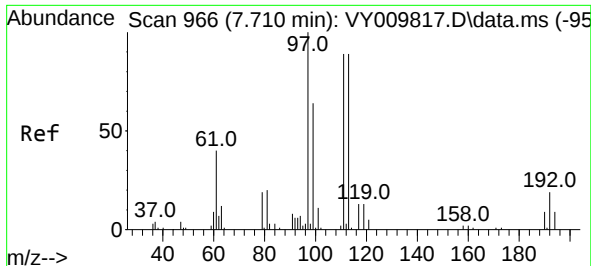
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

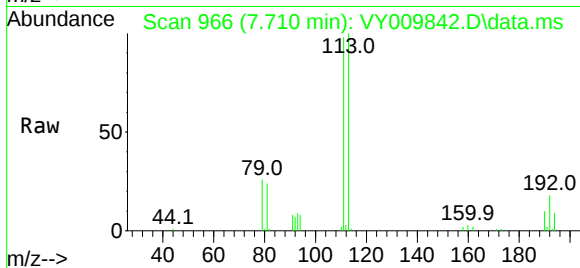
88 14.9 0.0 27.6



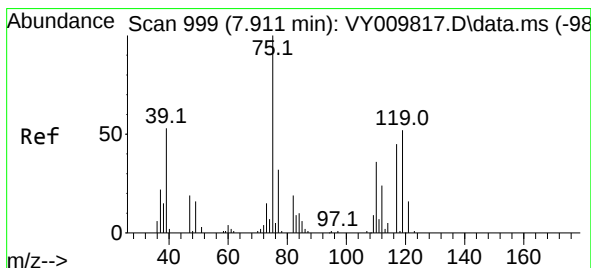
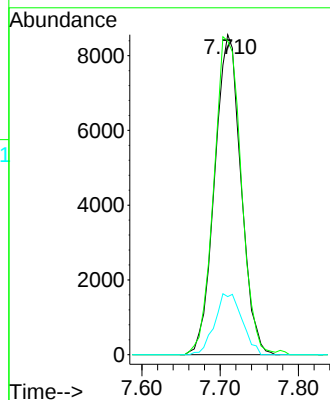
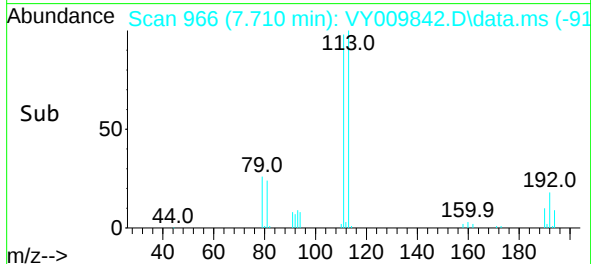


#35
Dibromofluoromethane
Concen: 34.895 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

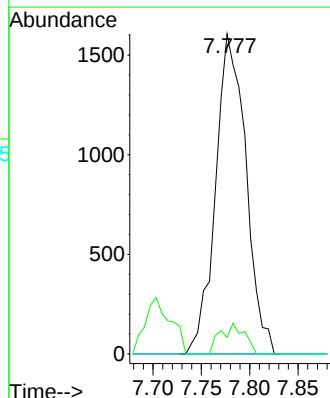
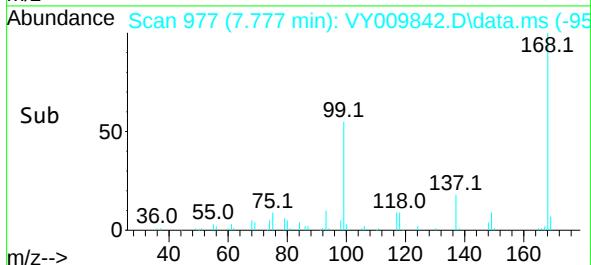
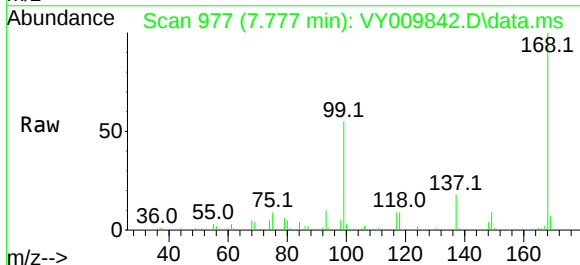


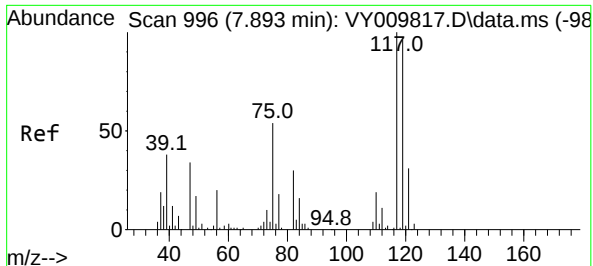
Tgt Ion:113 Resp: 19961
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.8 16.5 24.7



#36
1,1-Dichloropropene
Concen: 3.700 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 75 Resp: 3511
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.4#
77 0.0 24.6 36.8#

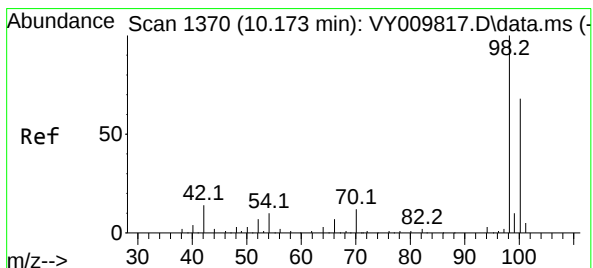
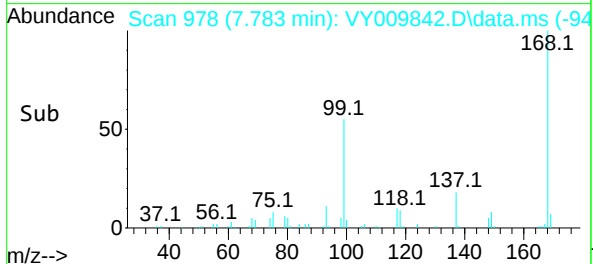
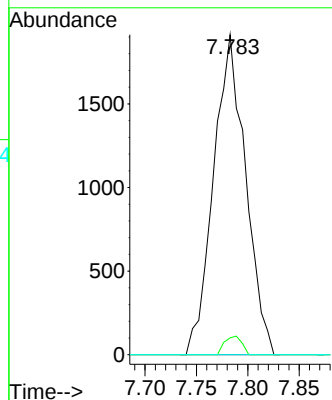
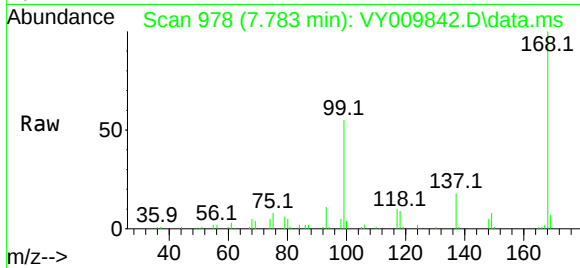




#38
Carbon Tetrachloride
Concen: 4.159 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

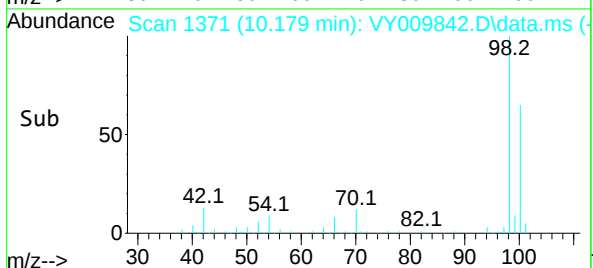
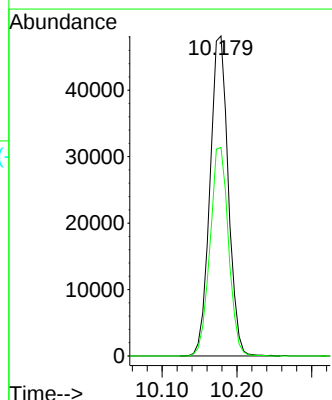
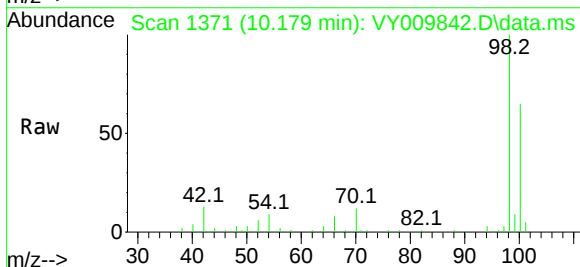
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

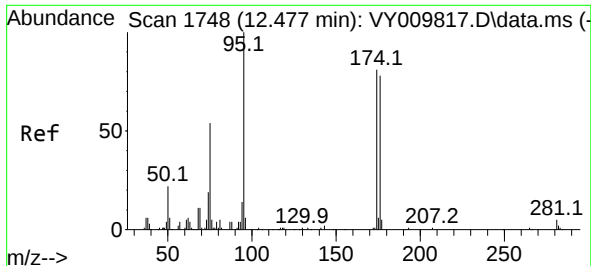
Tgt Ion:117 Resp: 4151
Ion Ratio Lower Upper
117 100
119 5.3 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 98 Resp: 81892
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.2

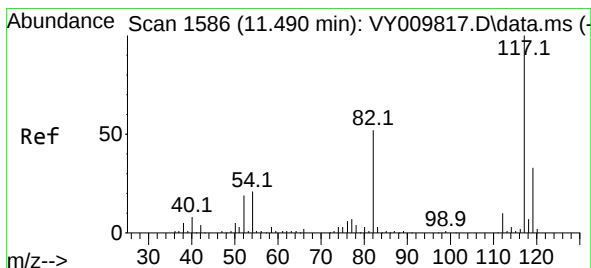
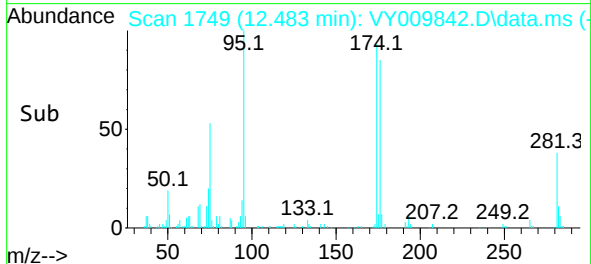
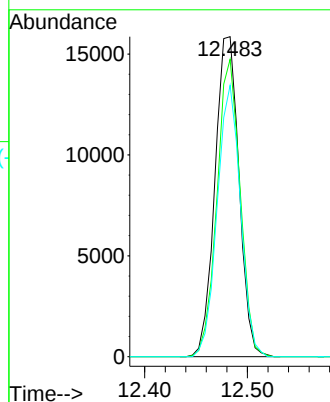
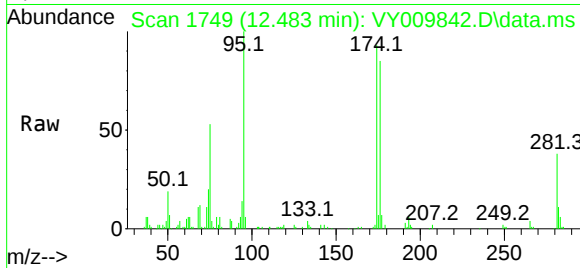




#62
4-Bromofluorobenzene
Concen: 33.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

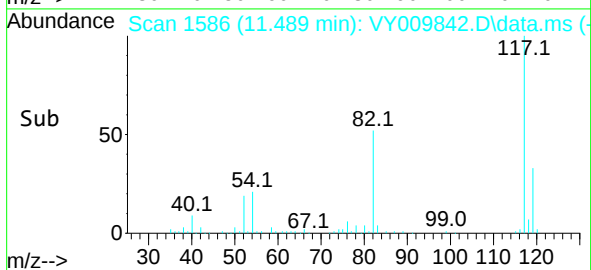
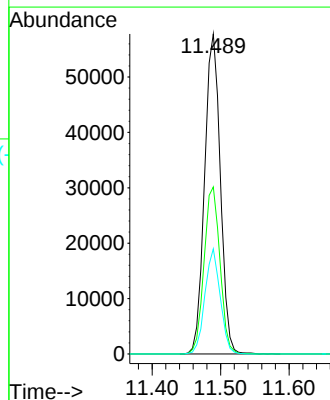
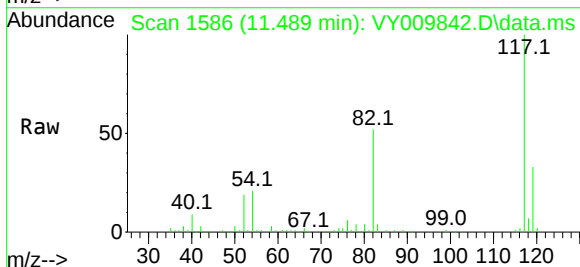
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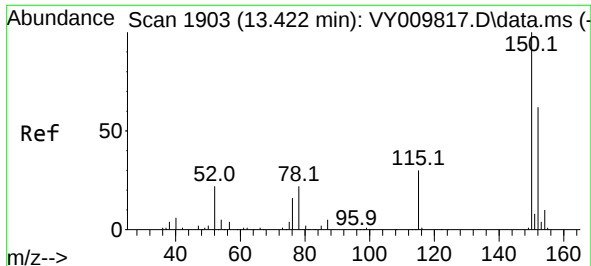
Tgt Ion: 95 Resp: 25743
Ion Ratio Lower Upper
95 100
174 89.4 0.0 168.6
176 81.9 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 117 Resp: 92569
Ion Ratio Lower Upper
117 100
82 52.2 41.7 62.5
119 32.9 26.6 40.0

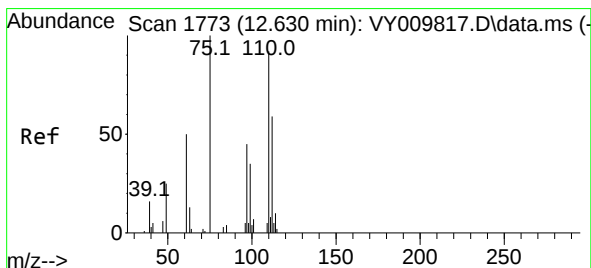
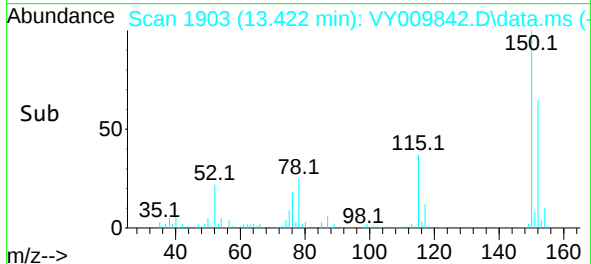
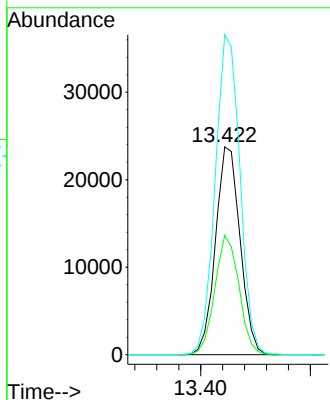
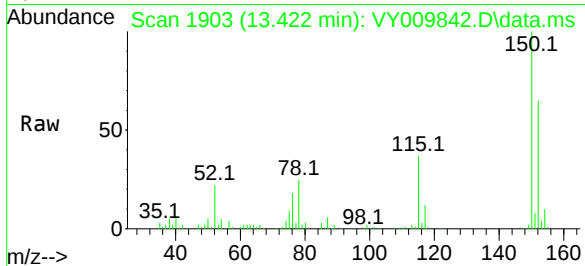




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009842.D
 Acq: 04 Aug 2022 19:05

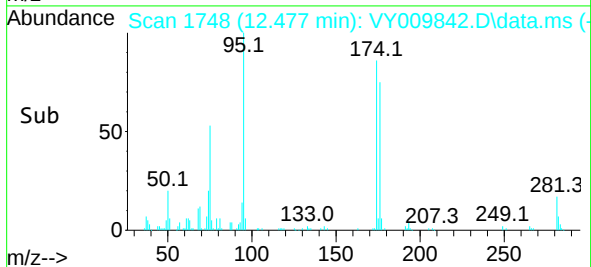
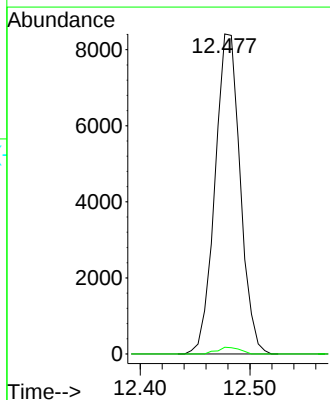
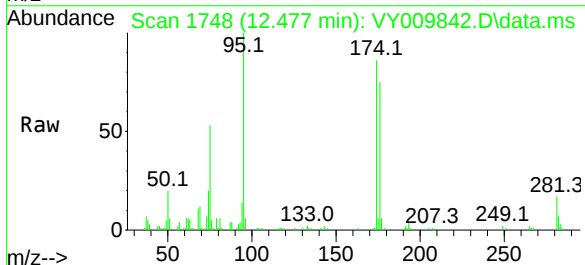
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

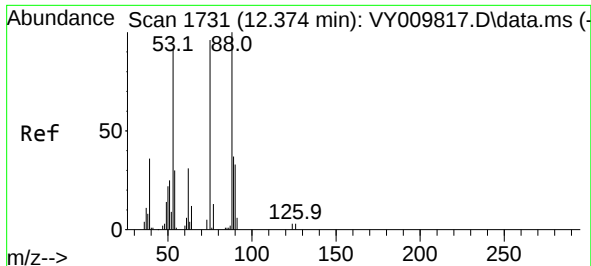
Tgt Ion:152 Resp: 37047
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.9 86.7
 150 155.0 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 31.728 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009842.D
 Acq: 04 Aug 2022 19:05

Tgt Ion: 75 Resp: 13446
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

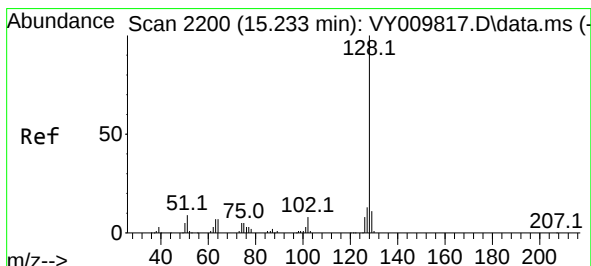
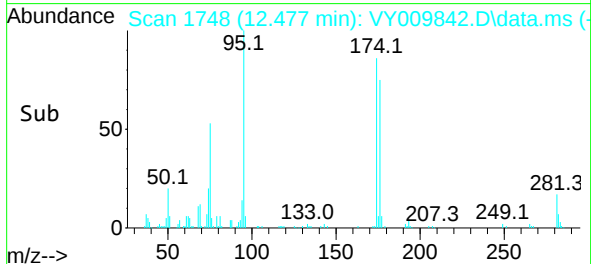
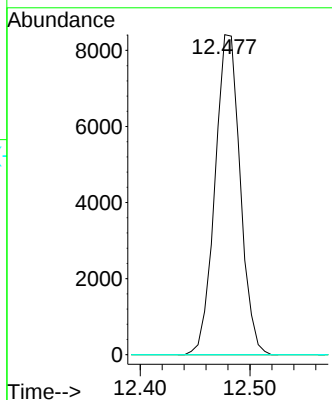
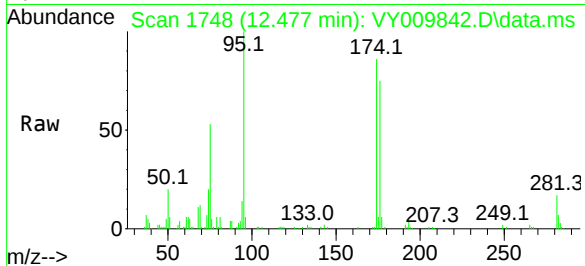




#81
trans-1,4-Dichloro-2-butene
Concen: 68.095 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tgt Ion: 75 Resp: 13446
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.434 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.018 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

