

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009840.D
 Acq On : 04 Aug 2022 18:18
 Operator : KP/MD
 Sample : N3998-02
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Aug 05 01:44:53 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)

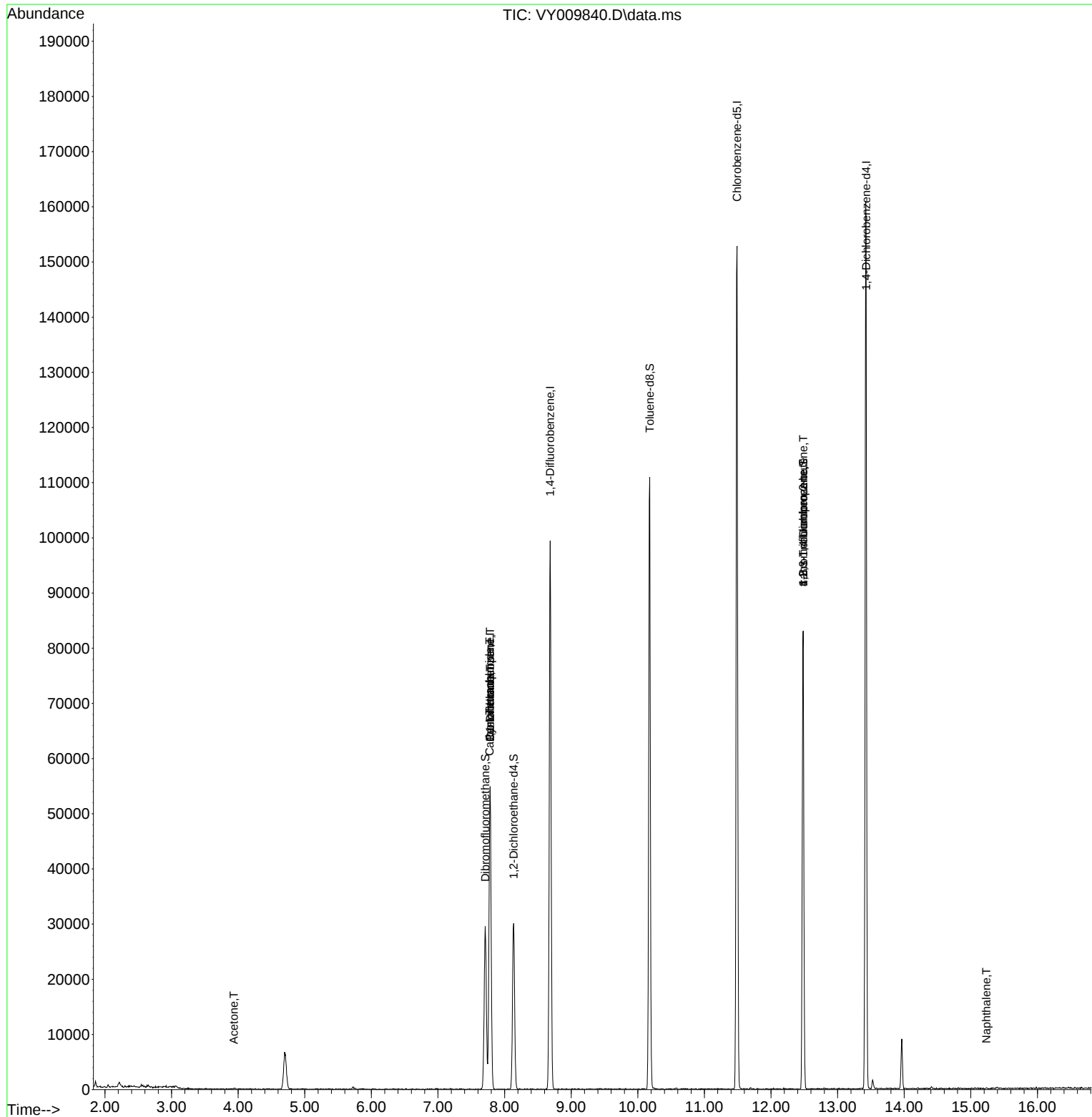
Internal Standards						
1) Pentafluorobenzene	7.783	168	41812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	81465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	80233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22676	68.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.360%	
35) Dibromofluoromethane	7.710	113	20177	40.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.240%	
50) Toluene-d8	10.179	98	69618	47.379	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.760%	
62) 4-Bromofluorobenzene	12.483	95	22573	33.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 67.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	136	1.149	ug/l #	45
31) Cyclohexane	7.783	56	1029	1.301	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	3325	4.035	ug/l #	50
38) Carbon Tetrachloride	7.777	117	4065	4.690	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	12127	26.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12127	56.769	ug/l #	12
95) Naphthalene	15.233	128	19	5.431	ug/l #	69

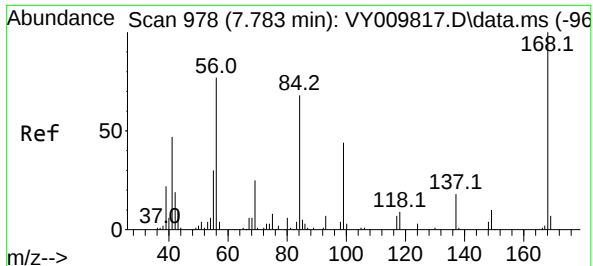
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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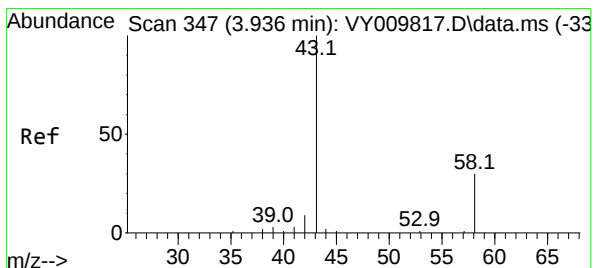
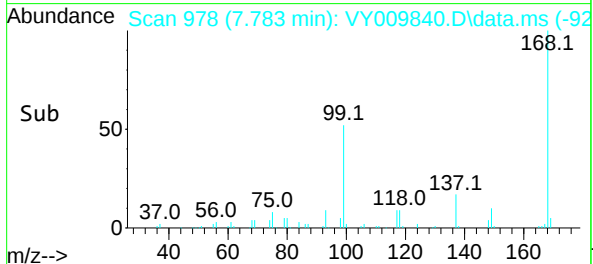
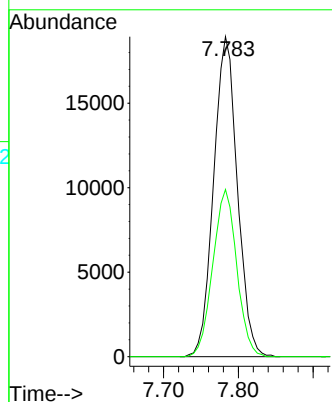
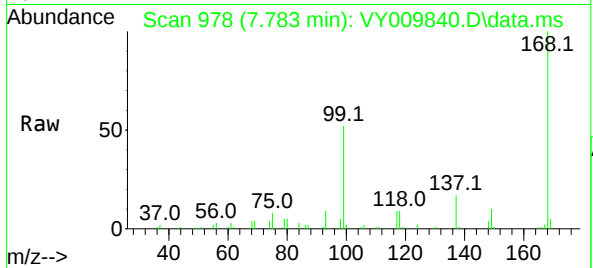




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

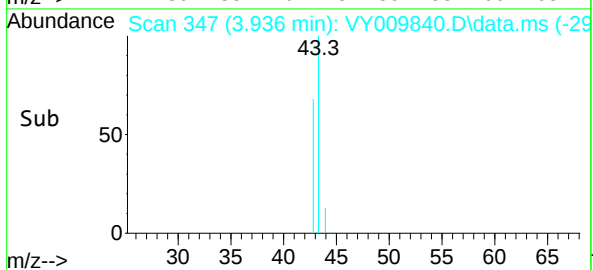
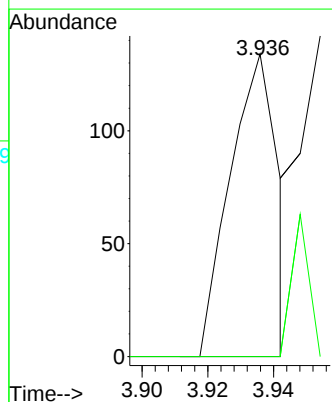
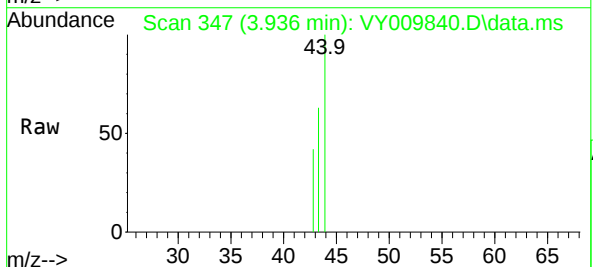
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

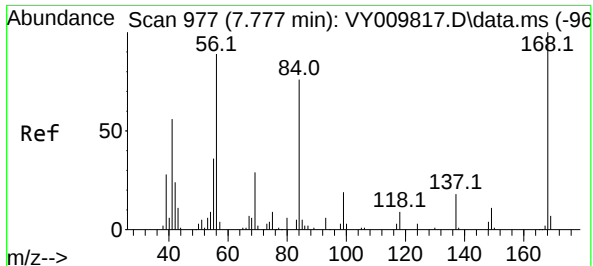
Tgt Ion:168 Resp: 41812
Ion Ratio Lower Upper
168 100
99 52.2 44.7 67.1



#16
Acetone
Concen: 1.149 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

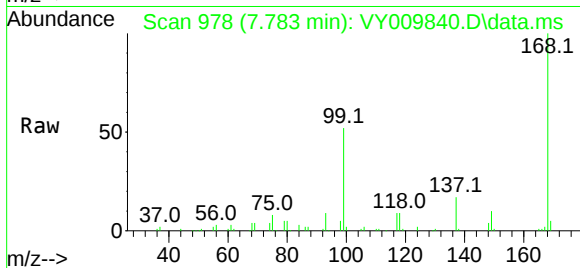
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



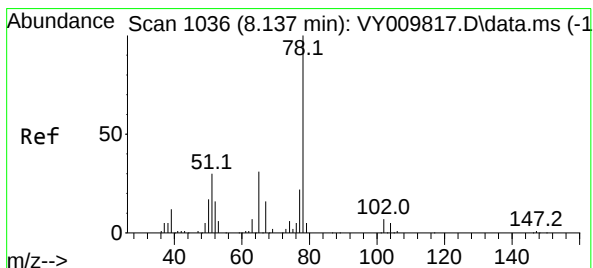
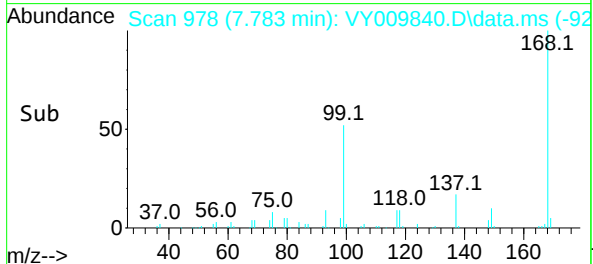
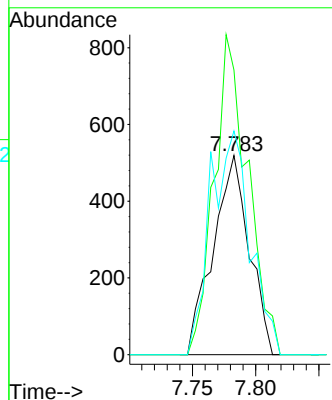


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

Instrument :
MSVOA_Y
ClientSampleId :
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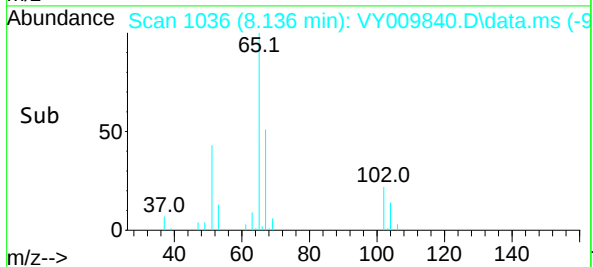
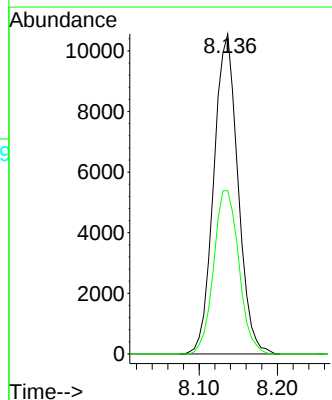
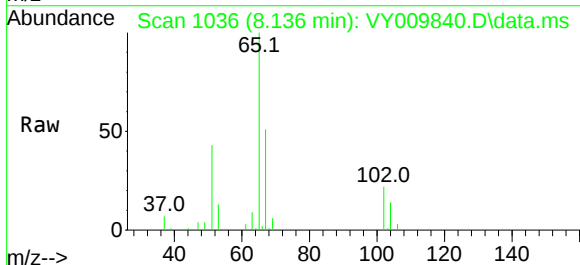


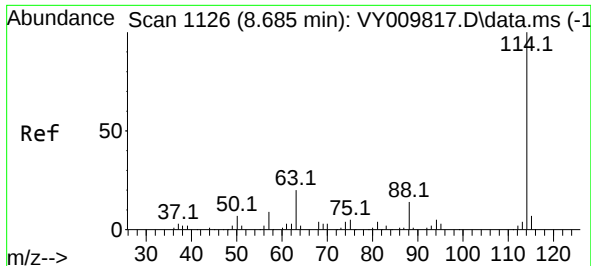
Tgt Ion: 56 Resp: 1029
Ion Ratio Lower Upper
56 100
69 143.0 25.8 38.8#
84 112.3 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 68.179 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

Tgt Ion: 65 Resp: 22676
Ion Ratio Lower Upper
65 100
67 53.1 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: VY009840.D

Acq: 04 Aug 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

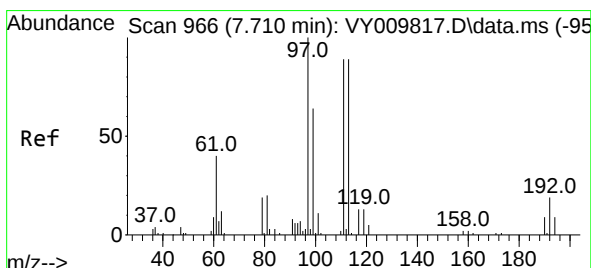
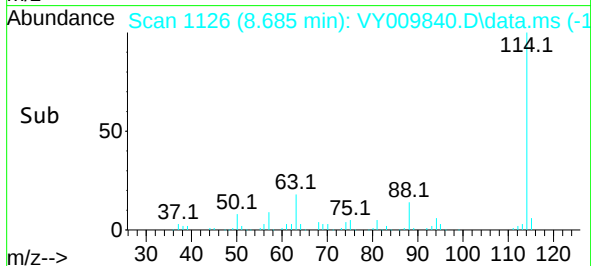
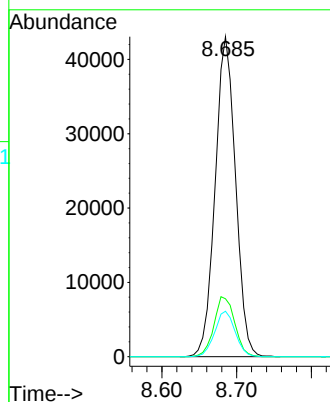
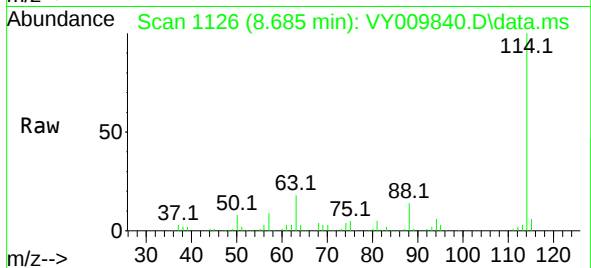
Tgt Ion:114 Resp: 81465

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.2

88 14.2 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.622 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009840.D

Acq: 04 Aug 2022 18:18

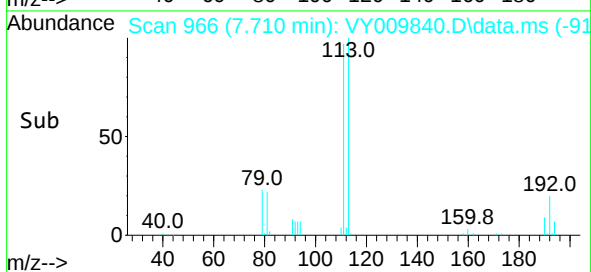
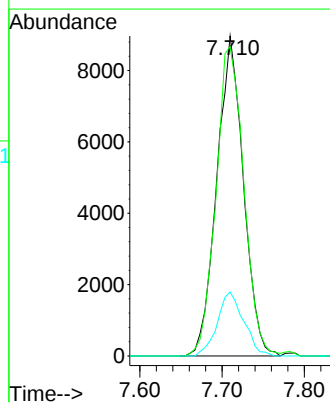
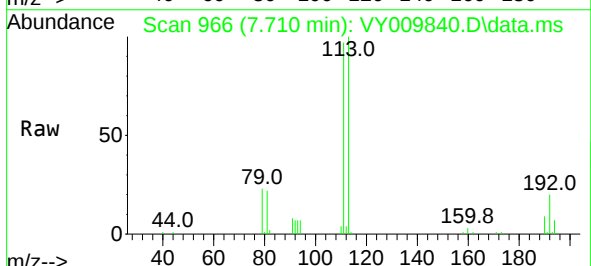
Tgt Ion:113 Resp: 20177

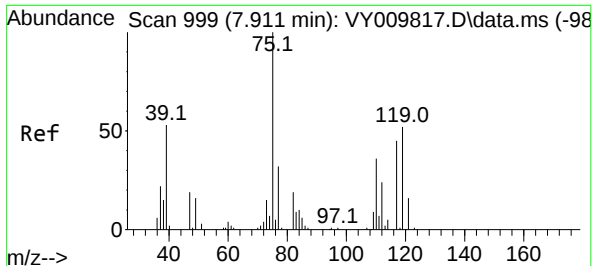
Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 19.9 16.5 24.7





#36

1,1-Dichloropropene

Concen: 4.035 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009840.D

Acq: 04 Aug 2022 18:18

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MSVOA_Y

ClientSampleId :

SB-2

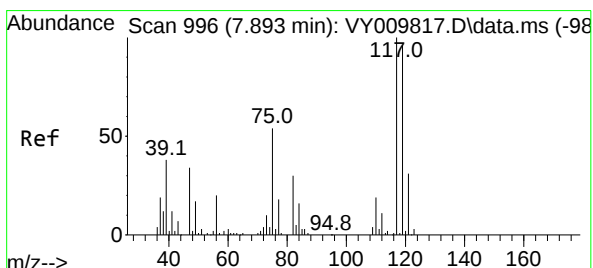
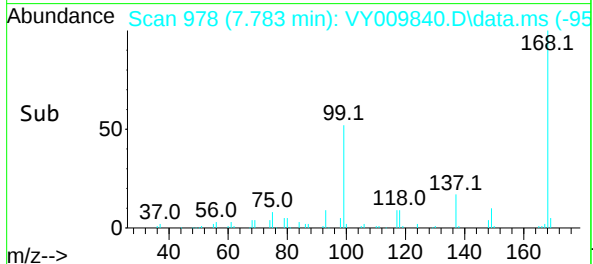
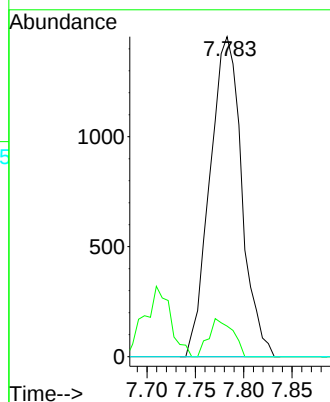
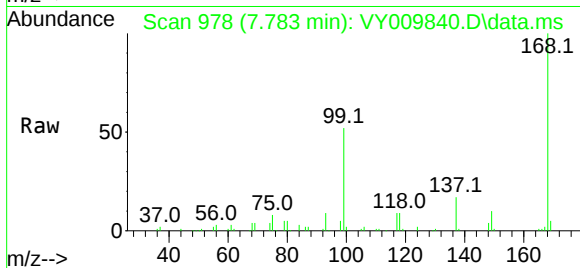
Tgt Ion: 75 Resp: 3325

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.690 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009840.D

Acq: 04 Aug 2022 18:18

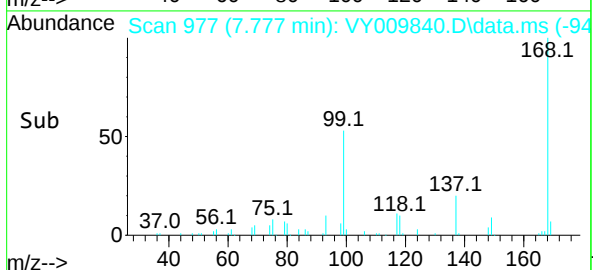
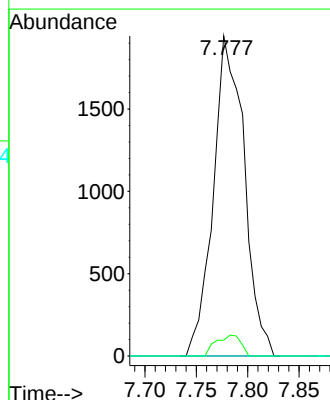
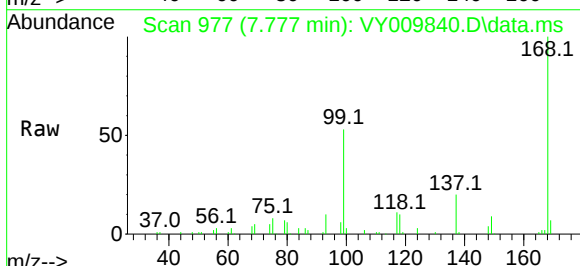
Tgt Ion: 117 Resp: 4065

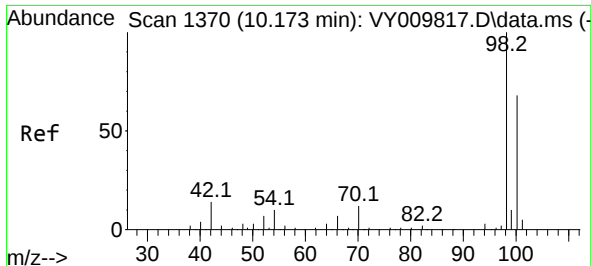
Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

121 0.0 24.9 37.3#

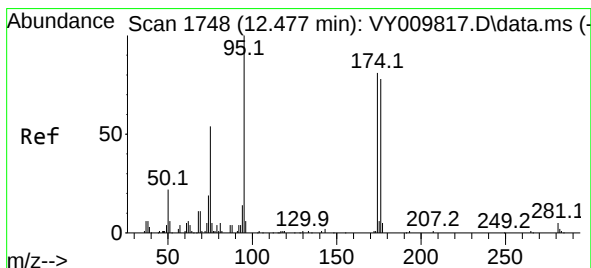
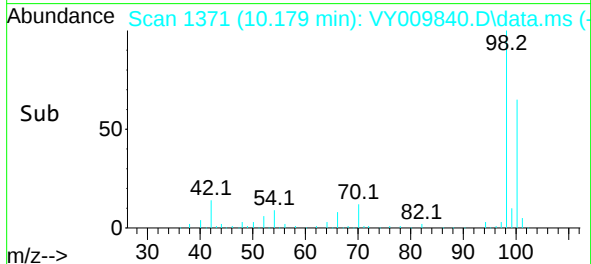
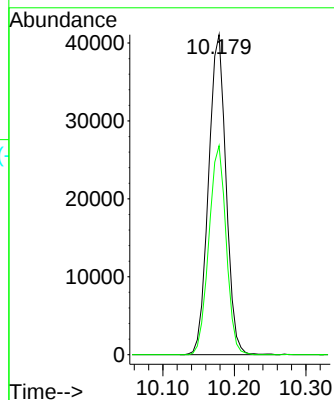
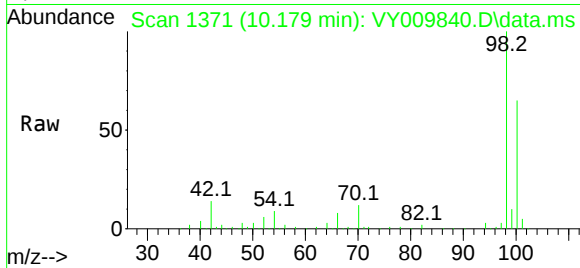




#50
Toluene-d8
Concen: 47.379 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

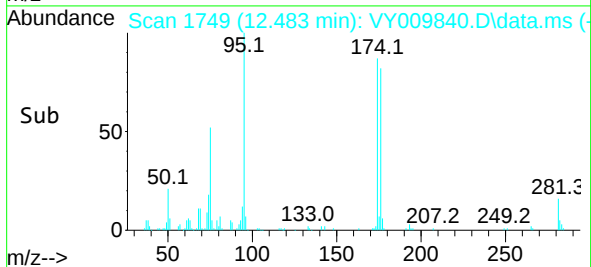
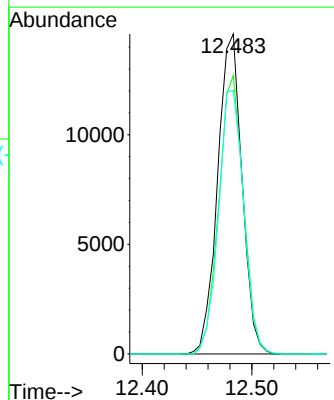
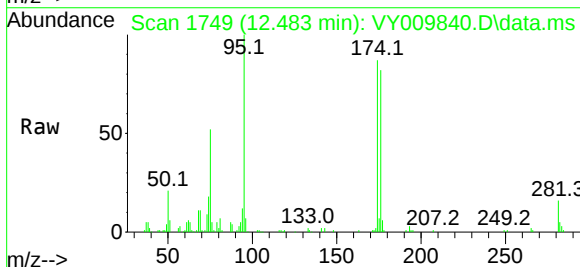
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

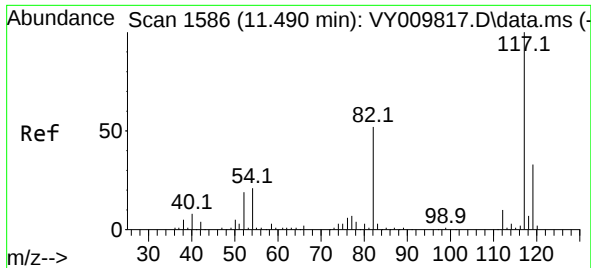
Tgt Ion: 98 Resp: 69618
Ion Ratio Lower Upper
98 100
100 64.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 33.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

Tgt Ion: 95 Resp: 22573
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.6
176 84.9 0.0 163.6

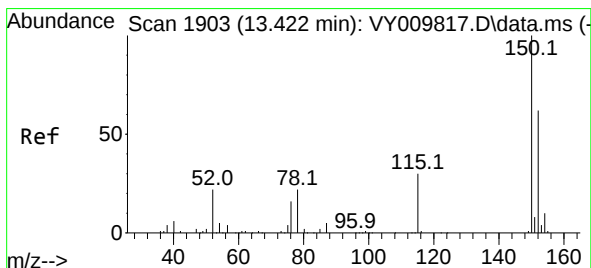
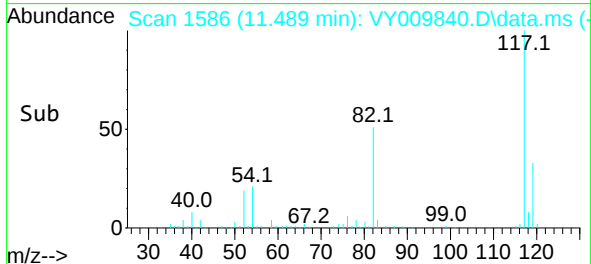
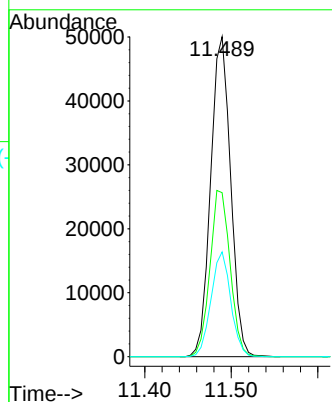
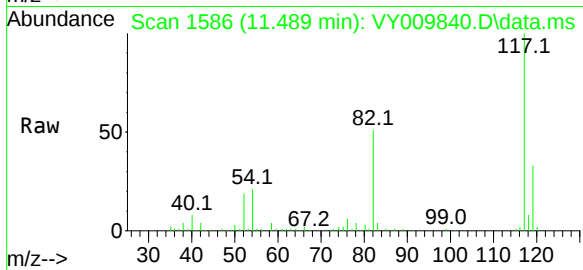




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

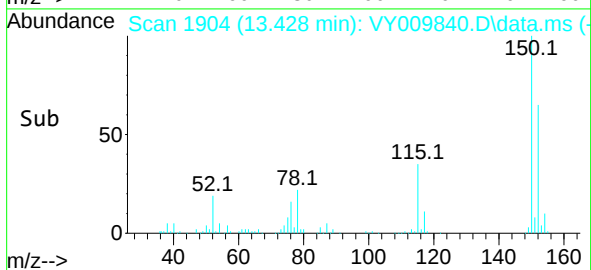
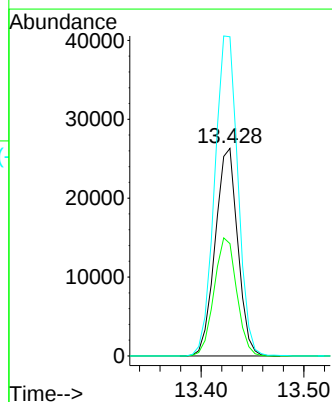
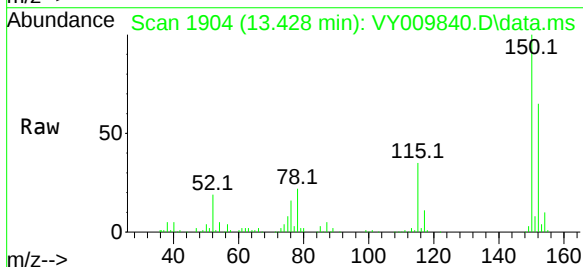
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ClientSampleId :
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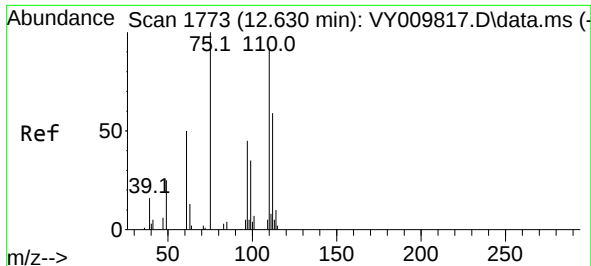
Tgt Ion:117 Resp: 80233
Ion Ratio Lower Upper
117 100
82 51.3 41.7 62.5
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

Tgt Ion:152 Resp: 40079
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 158.9 0.0 354.2

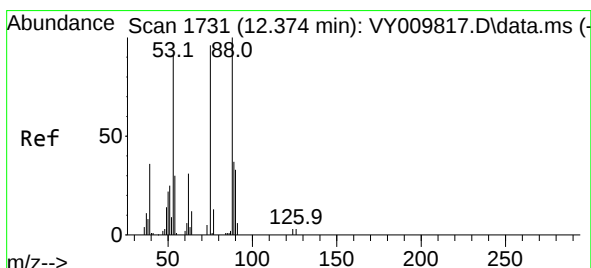
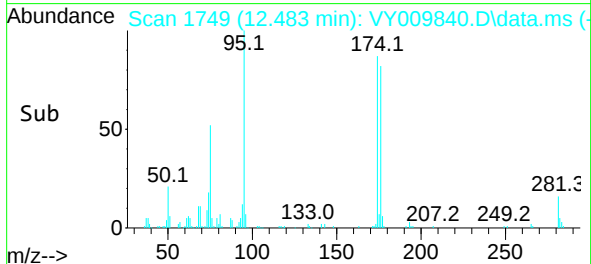
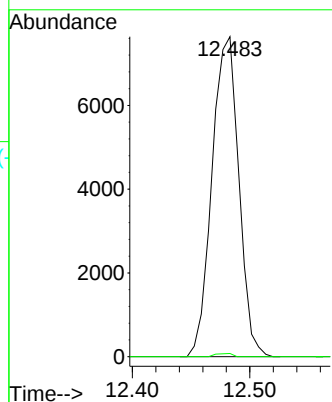
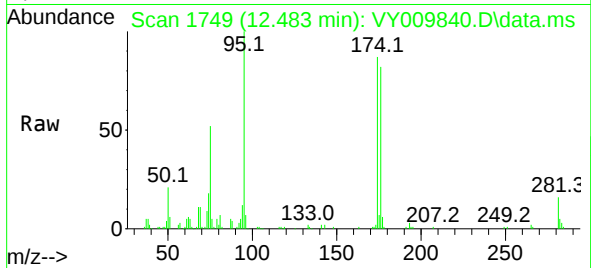




#76
1,2,3-Trichloropropane
Concen: 26.451 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

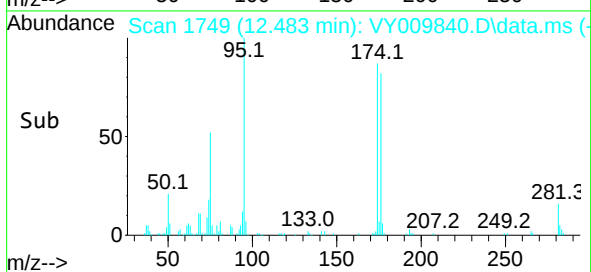
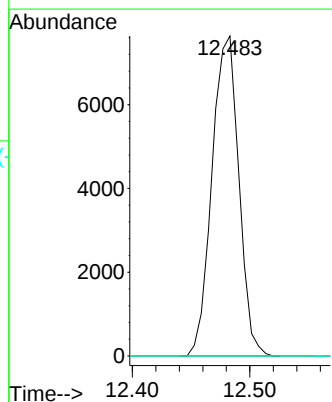
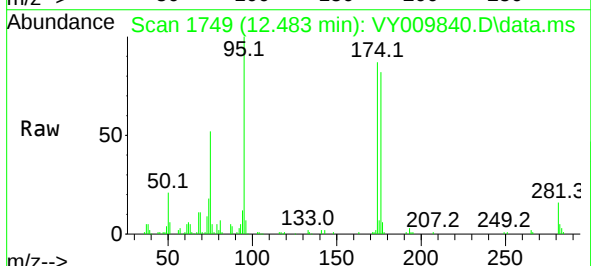
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

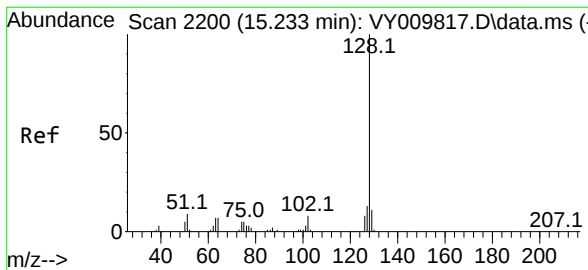
Tgt Ion: 75 Resp: 12127
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

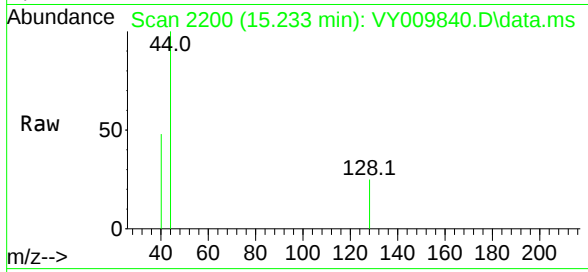
Tgt Ion: 75 Resp: 12127
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 5.431 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009840.D
Acq: 04 Aug 2022 18:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-2



Tgt Ion:	128	Resp:	19
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

