

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009857.D
 Acq On : 05 Aug 2022 17:47
 Operator : KP/MD
 Sample : N3998-11
 Misc : 7.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DW-1

Quant Time: Aug 06 01:20:12 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)

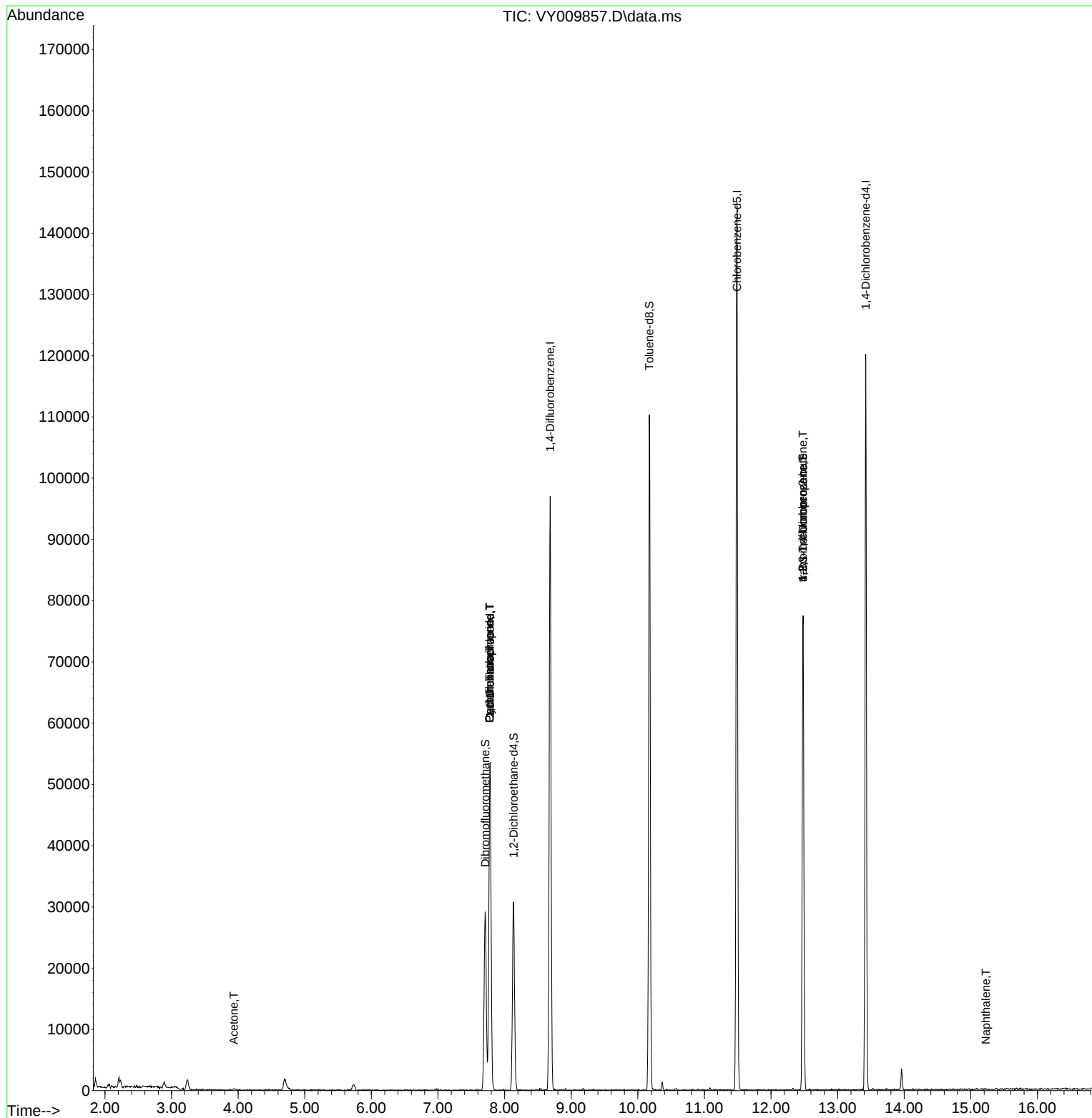
Internal Standards						
1) Pentafluorobenzene	7.777	168	41540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22527	68.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.340%
35) Dibromofluoromethane	7.710	113	19375	40.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.340%
50) Toluene-d8	10.173	98	69054	48.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	20043	30.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.644	94	41	Below Cal	#	2
16) Acetone	3.936	43	518	4.405	ug/l #	45
20) Methylene Chloride	4.704	84	1302	Below Cal		93
31) Cyclohexane	7.777	56	1143	1.454	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	3229	4.035	ug/l #	49
38) Carbon Tetrachloride	7.777	117	3724	4.425	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	10974	33.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10974	70.829	ug/l #	12
95) Naphthalene	15.227	128	86	5.486	ug/l #	69

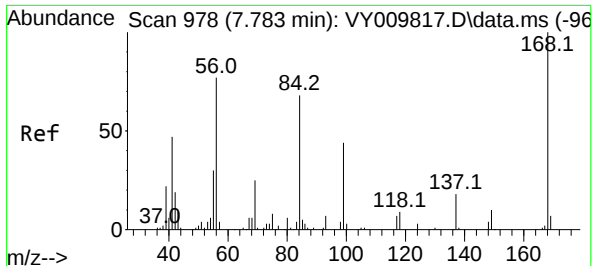
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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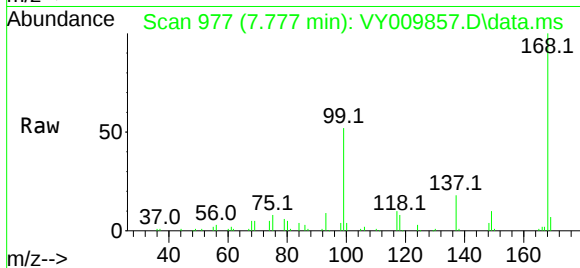
Quant Time: Aug 06 01:20:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
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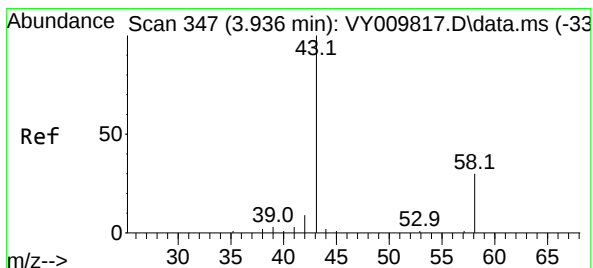
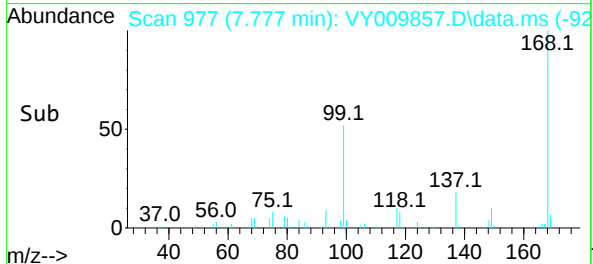
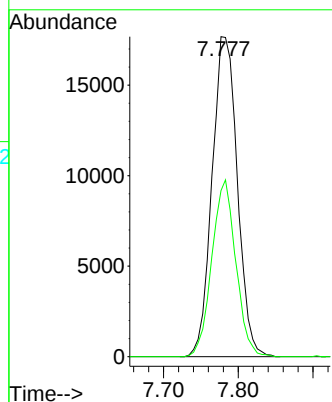


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
DW-1

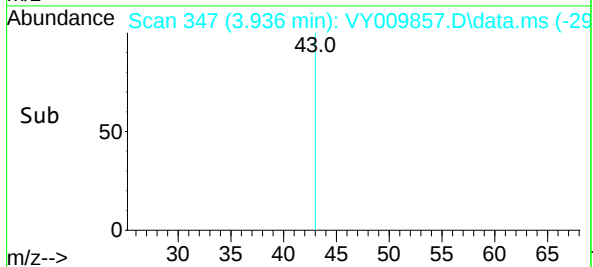
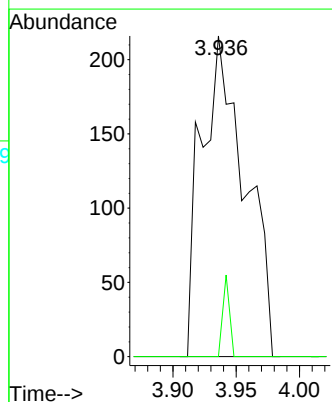
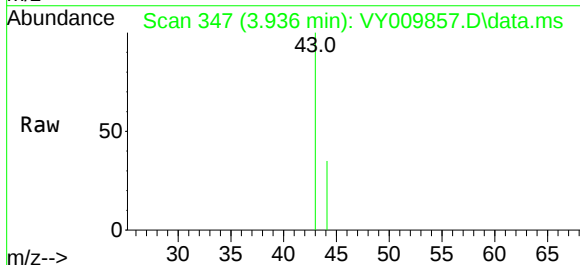


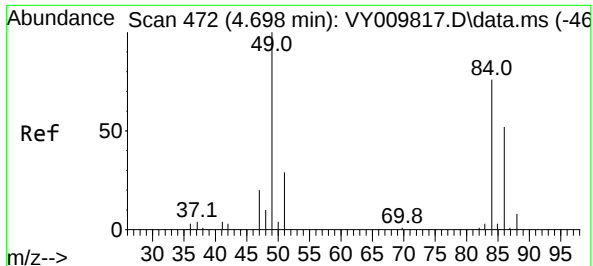
Tgt Ion:168 Resp: 41540
Ion Ratio Lower Upper
168 100
99 51.9 44.7 67.1



#16
Acetone
Concen: 4.405 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

DW-1

Tgt Ion: 84 Resp: 1302

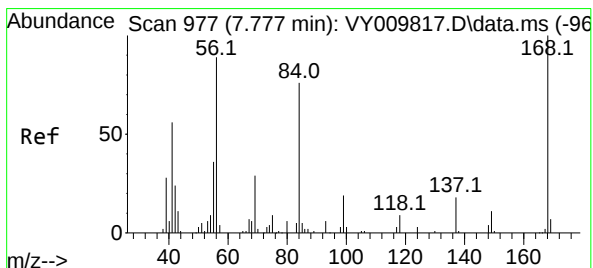
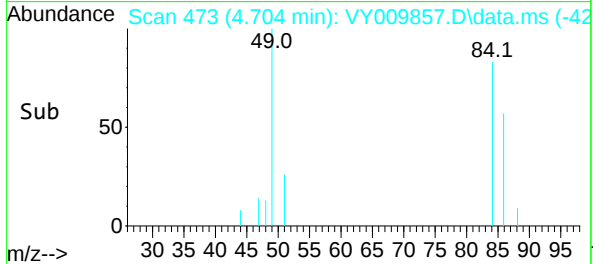
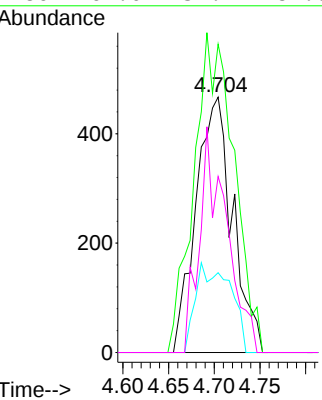
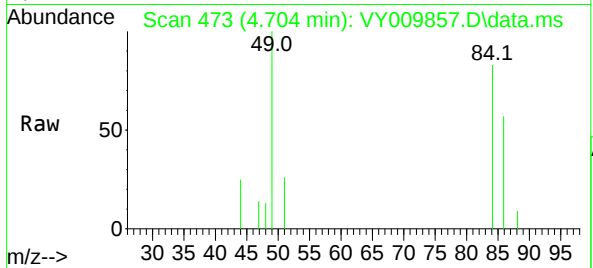
Ion Ratio Lower Upper

84 100

49 120.8 104.6 156.8

51 31.3 30.9 46.3

86 69.0 54.4 81.6



#31

Cyclohexane

Concen: 1.454 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

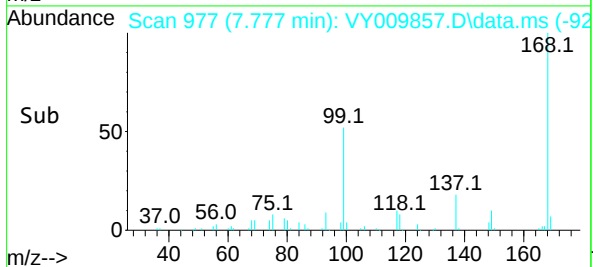
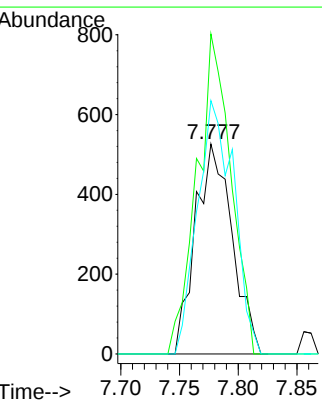
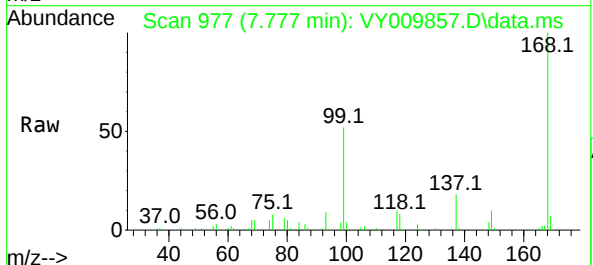
Tgt Ion: 56 Resp: 1143

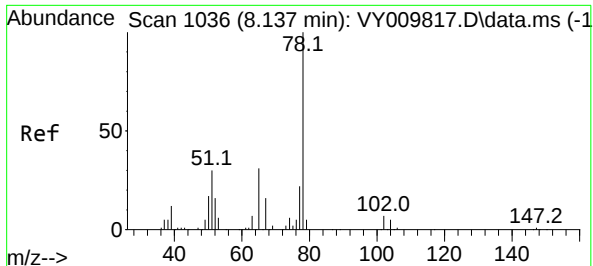
Ion Ratio Lower Upper

56 100

69 152.5 25.8 38.8#

84 120.7 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 68.174 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

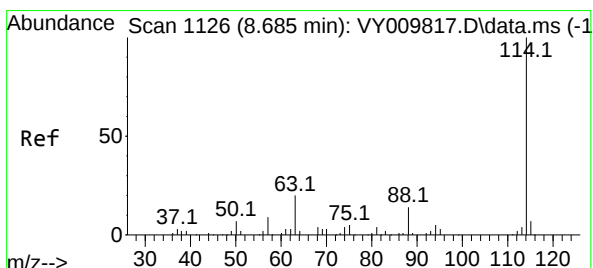
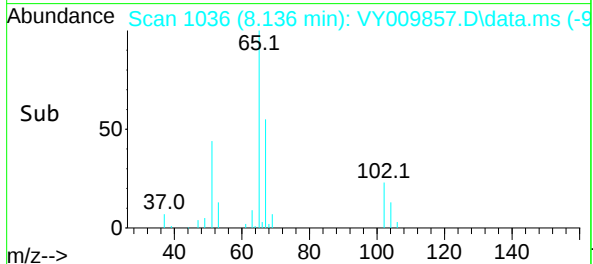
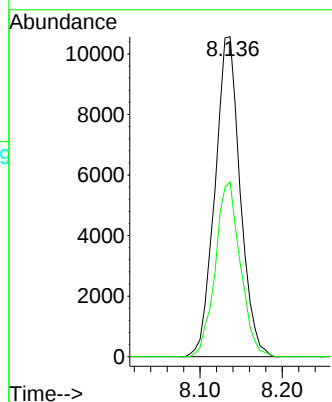
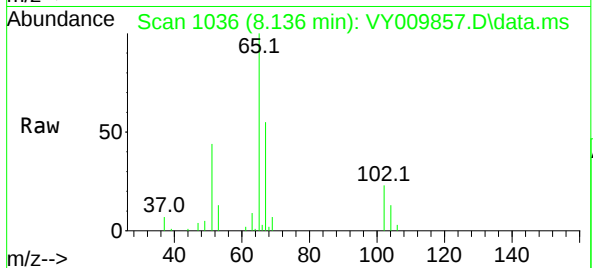
DW-1

Tgt Ion: 65 Resp: 22527

Ion Ratio Lower Upper

65 100

67 54.3 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: VY009857.D

Acq: 05 Aug 2022 17:47

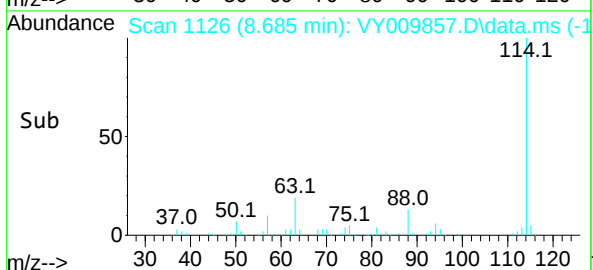
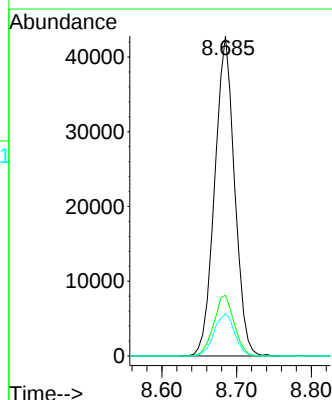
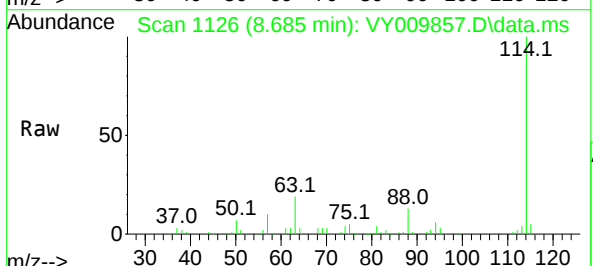
Tgt Ion: 114 Resp: 79107

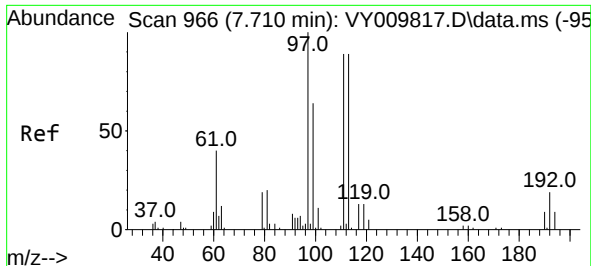
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

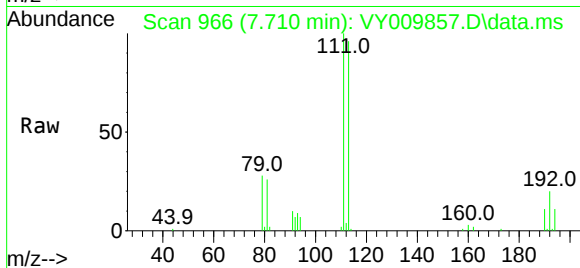
88 13.2 0.0 27.6



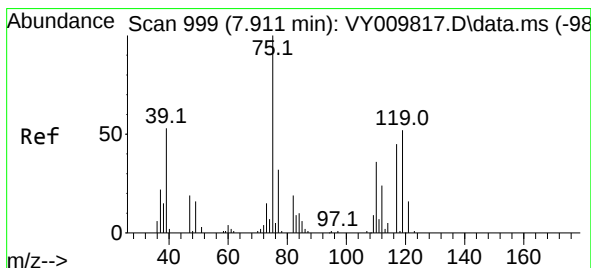
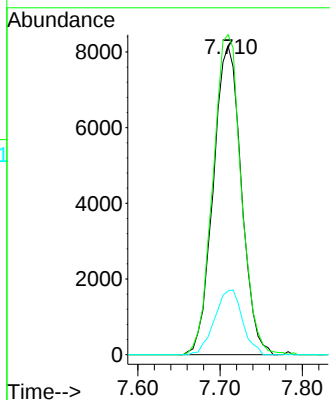
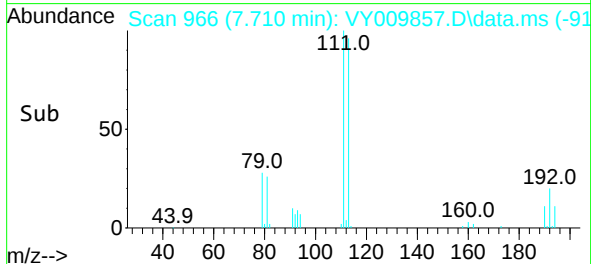


#35
Dibromofluoromethane
Concen: 40.170 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

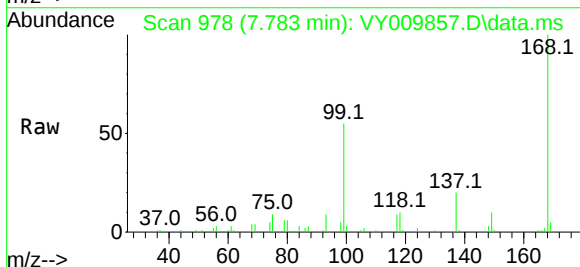
Instrument :
MSVOA_Y
ClientSampleId :
DW-1



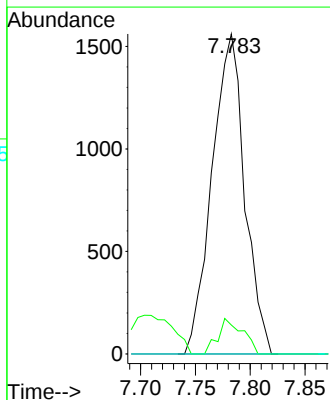
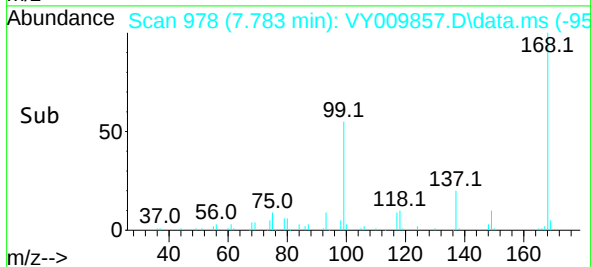
Tgt Ion:113 Resp: 19375
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 20.7 16.5 24.7

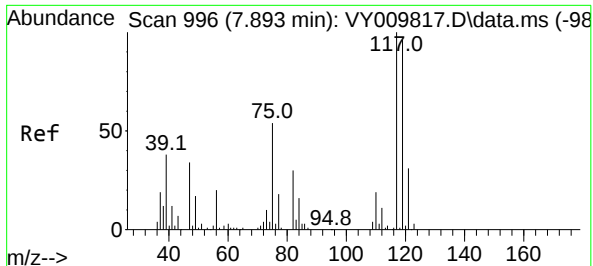


#36
1,1-Dichloropropene
Concen: 4.035 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47



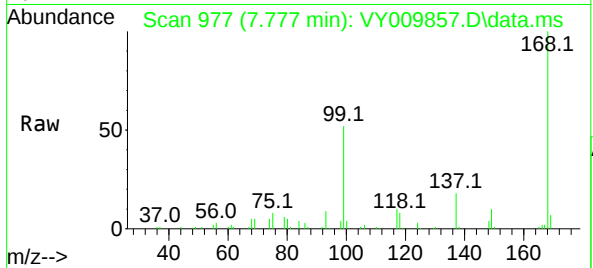
Tgt Ion: 75 Resp: 3229
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.4#
77 0.0 24.6 36.8#



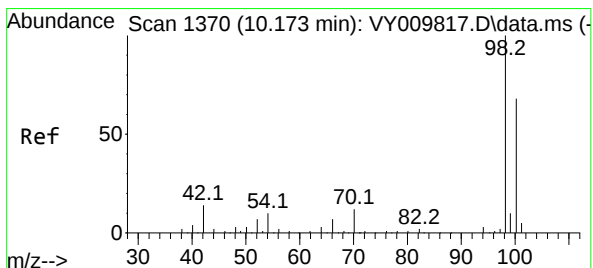
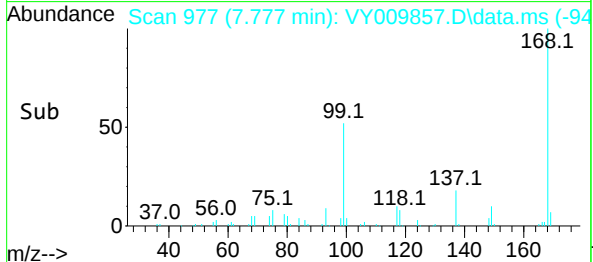
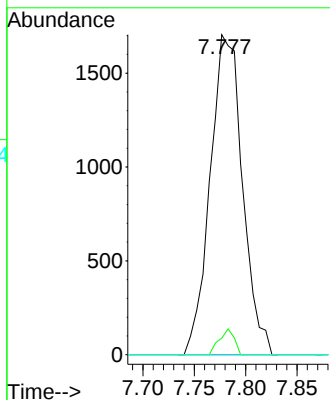


#38
Carbon Tetrachloride
Concen: 4.425 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
DW-1

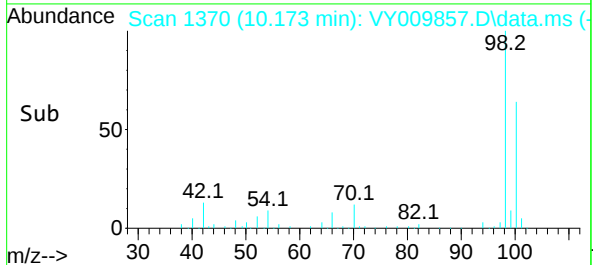
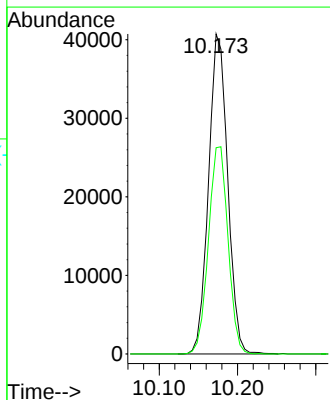
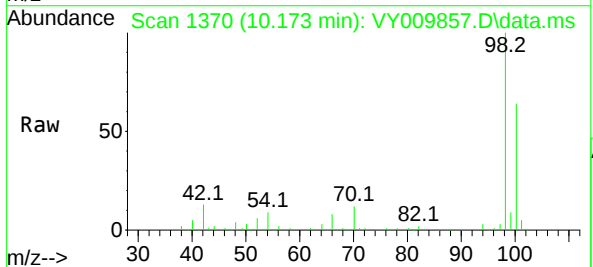


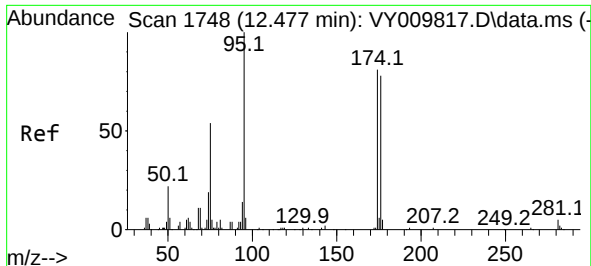
Tgt Ion:117 Resp: 3724
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.569 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Tgt Ion: 98 Resp: 69054
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.2

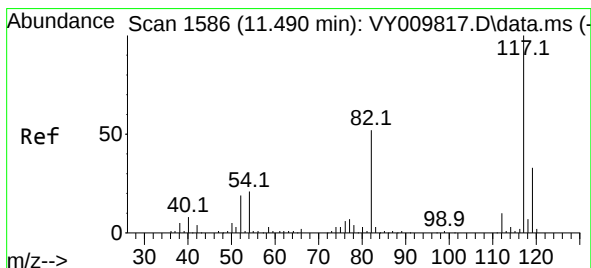
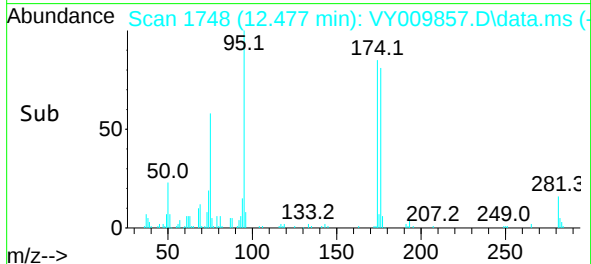
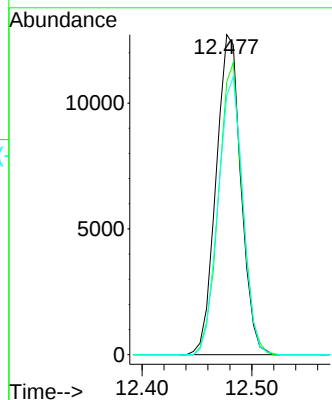
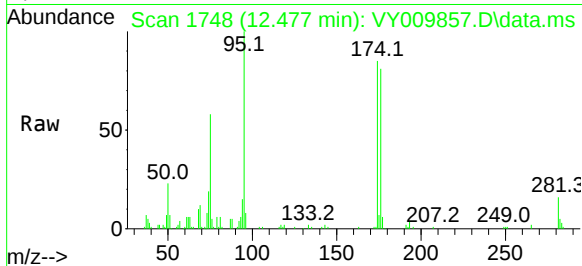




#62
4-Bromofluorobenzene
Concen: 30.688 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

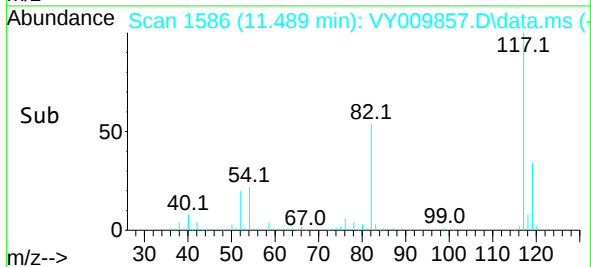
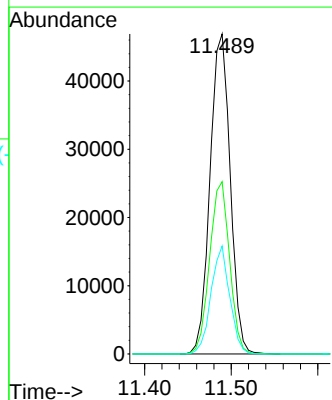
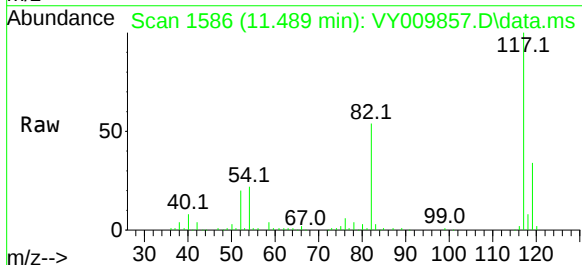
Instrument :
MSVOA_Y
ClientSampleId :
DW-1

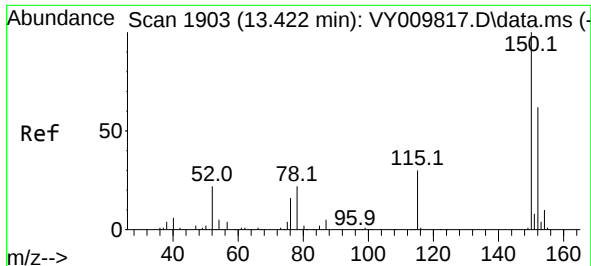
Tgt Ion:	95	Resp:	20043
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	168.6
176	86.1	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Tgt Ion:	117	Resp:	75874
Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.7	62.5
119	33.8	26.6	40.0

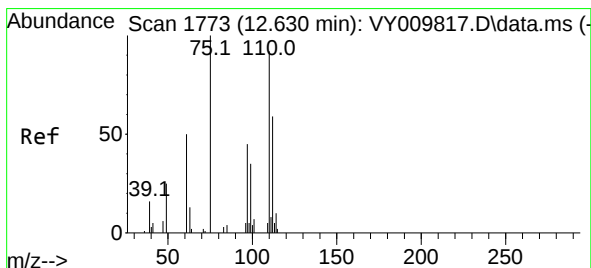
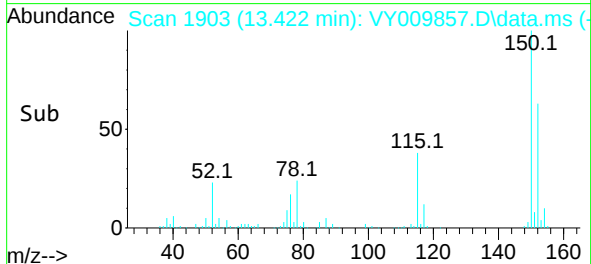
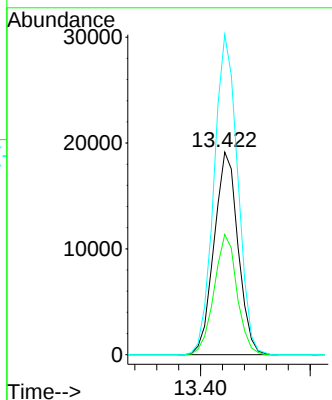
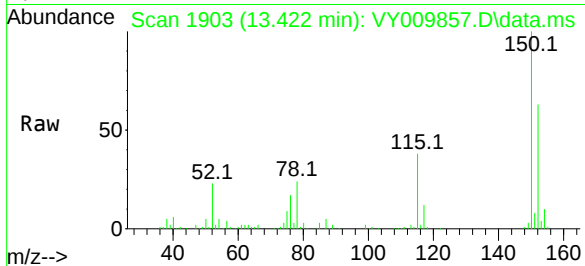




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009857.D
 Acq: 05 Aug 2022 17:47

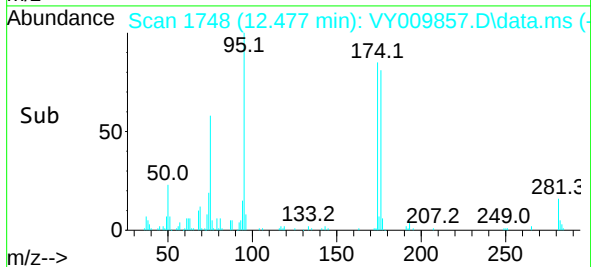
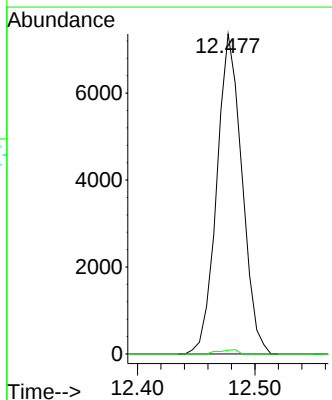
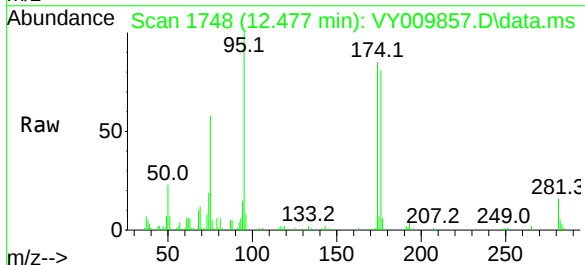
Instrument :
 MSVOA_Y
 ClientSampleId :
 DW-1

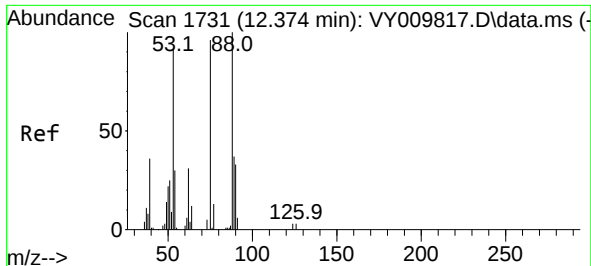
Tgt Ion:152 Resp: 29069
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.9 86.7
 150 156.1 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 33.002 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009857.D
 Acq: 05 Aug 2022 17:47

Tgt Ion: 75 Resp: 10974
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

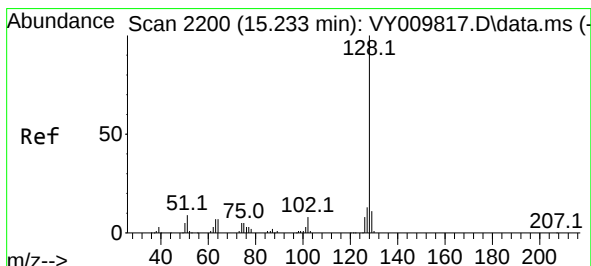
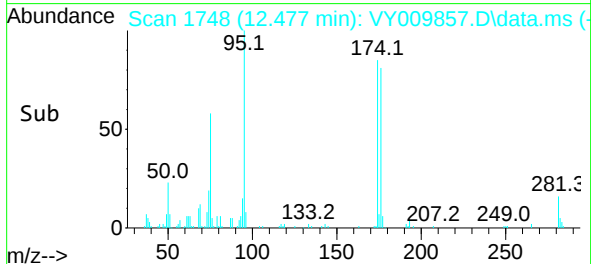
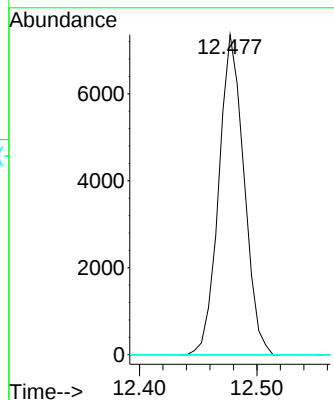
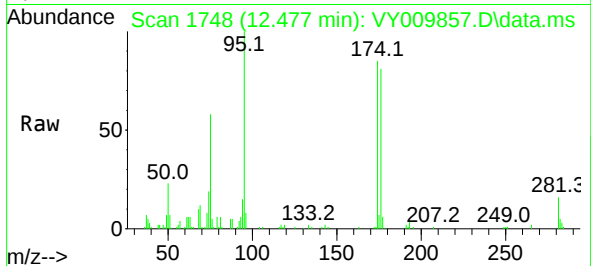




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.829 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009857.D
 Acq: 05 Aug 2022 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 DW-1

Tgt Ion: 75 Resp: 10974
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 35.3 52.9#



#95
 Naphthalene
 Concen: 5.486 ug/l
 RT: 15.227 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: VY009857.D
 Acq: 05 Aug 2022 17:47

Tgt Ion: 128 Resp: 86
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.7 13.1#

