

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009168.D
 Acq On : 07 Jun 2022 16:51
 Operator : KP/MD
 Sample : N3194-03
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jun 08 07:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

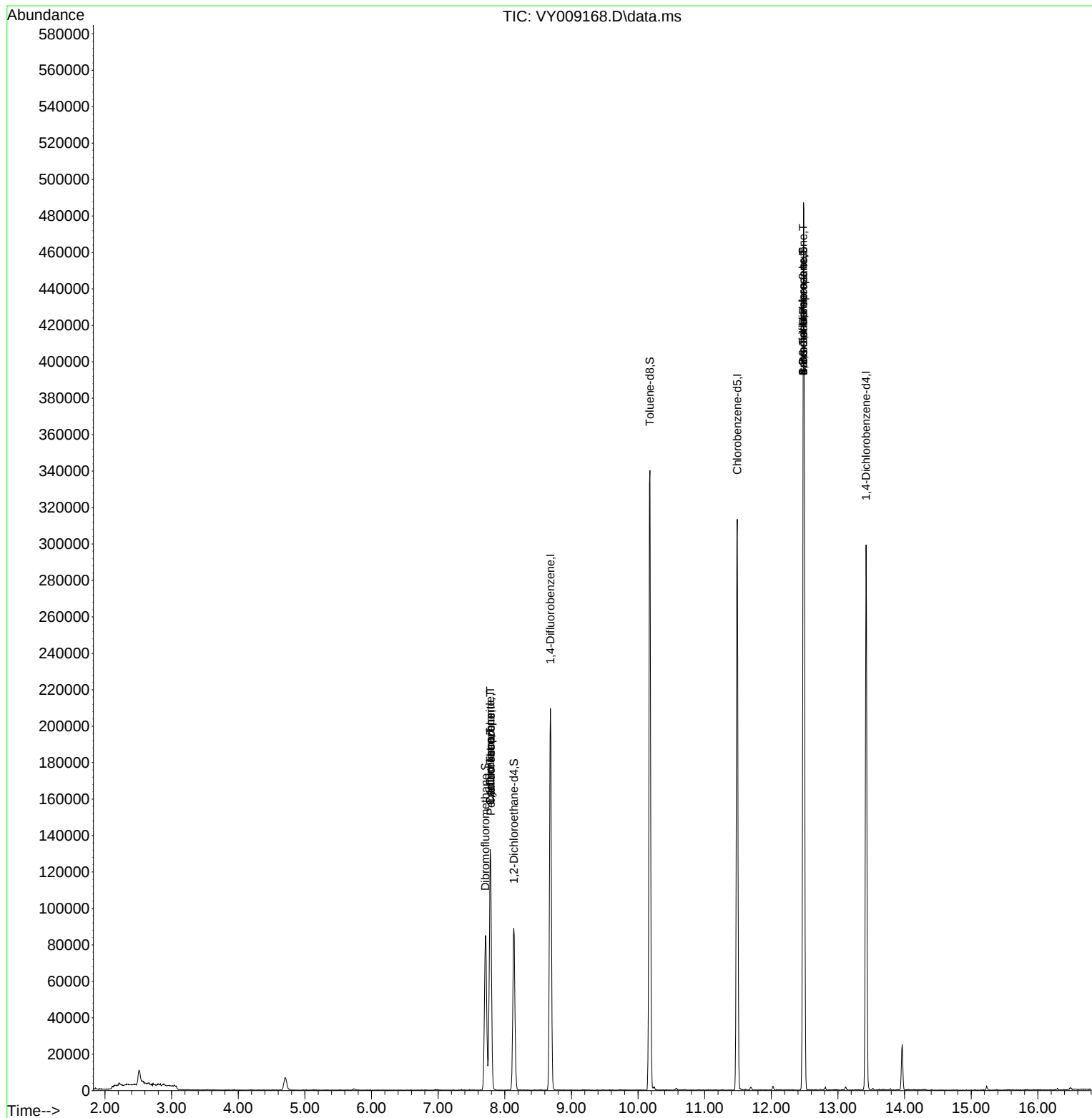
Internal Standards						
1) Pentafluorobenzene	7.789	168	100445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	177367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65916	63.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.520%	
35) Dibromofluoromethane	7.710	113	57804	52.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.179	98	220622	54.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.440%	
62) 4-Bromofluorobenzene	12.477	95	67082	40.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.740%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	5104	Below Cal	#	80
31) Cyclohexane	7.783	56	2636	1.303	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	8540	4.550	ug/l #	51
38) Carbon Tetrachloride	7.783	117	10351	5.272	ug/l #	15
71) Bromoform	12.477	173	921	1.018	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	41460	54.929	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41460	112.741	ug/l #	8

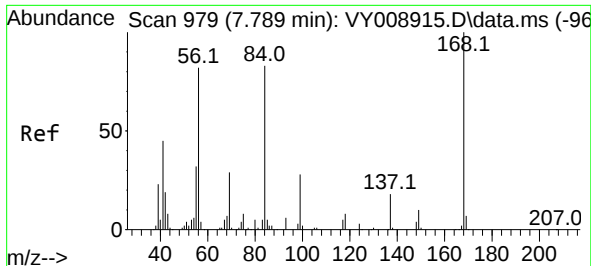
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
Data File : VY009168.D
Acq On : 07 Jun 2022 16:51
Operator : KP/MD
Sample : N3194-03
Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Quant Time: Jun 08 07:58:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

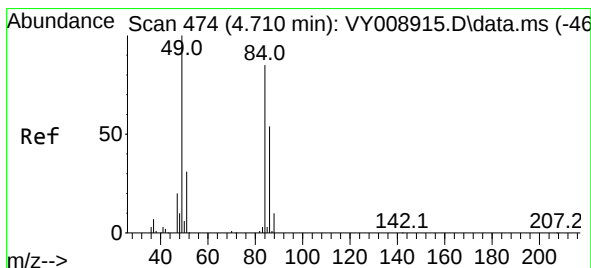
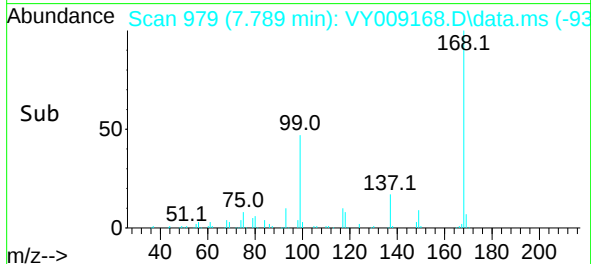
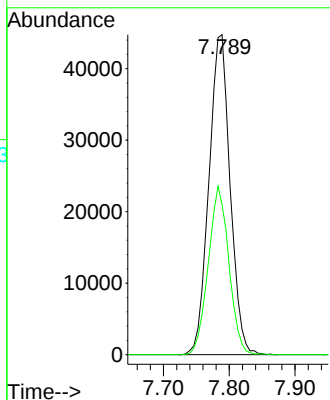
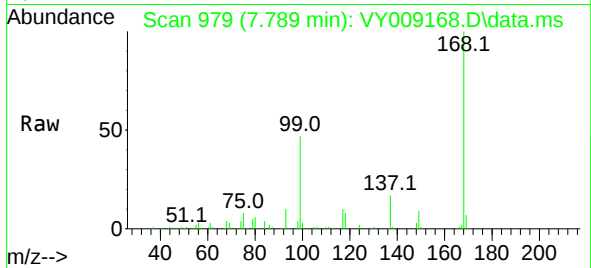




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

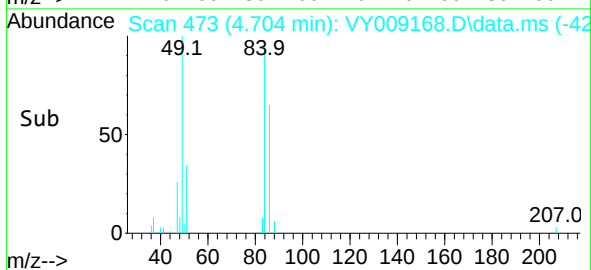
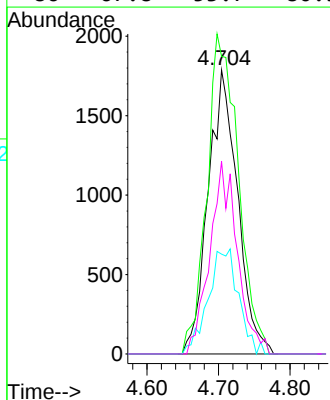
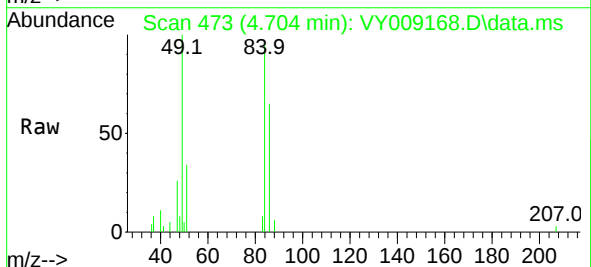
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

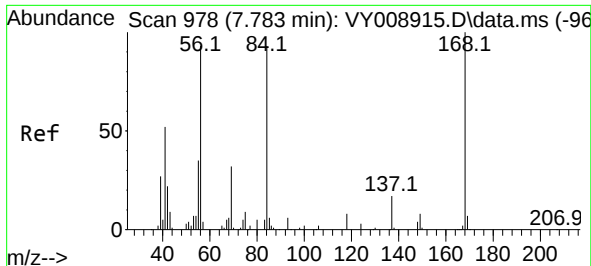
Tgt Ion:168 Resp: 100445
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion: 84 Resp: 5104
Ion Ratio Lower Upper
84 100
49 104.8 114.4 171.6#
51 35.2 35.3 52.9#
86 67.8 53.7 80.5

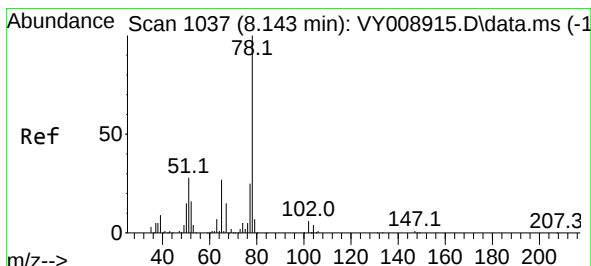
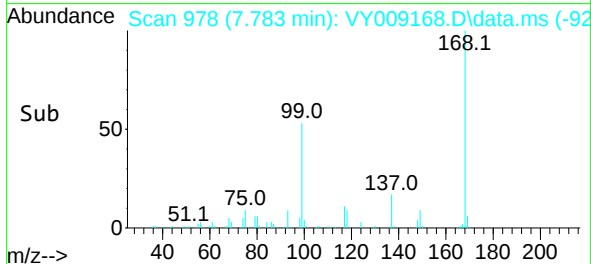
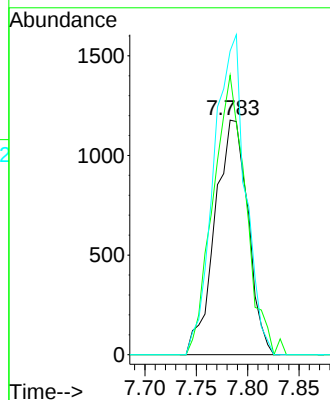
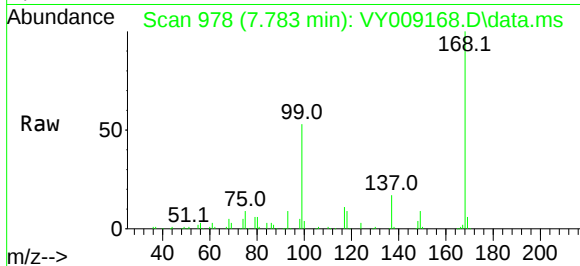




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

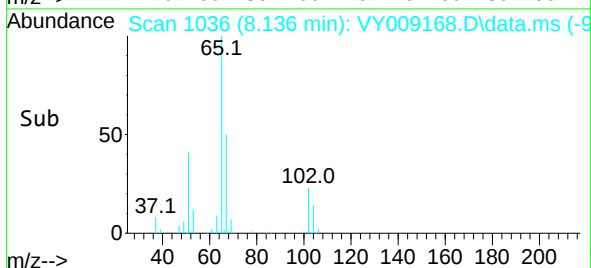
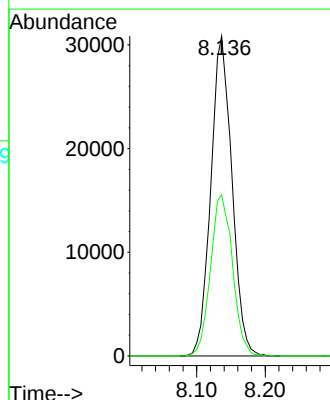
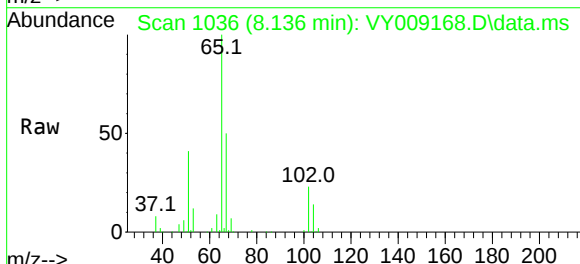
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

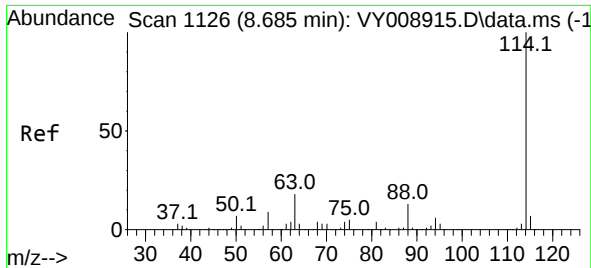
Tgt Ion: 56 Resp: 2636
Ion Ratio Lower Upper
56 100
69 119.1 26.7 40.1#
84 129.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.763 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion: 65 Resp: 65916
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

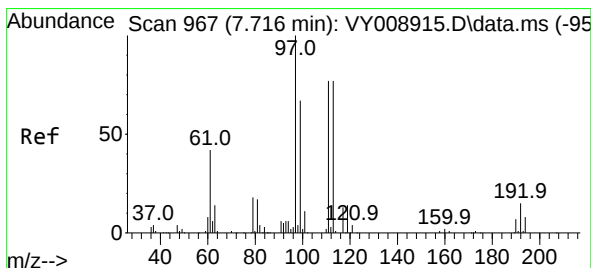
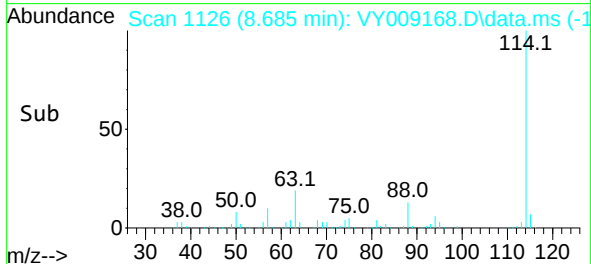
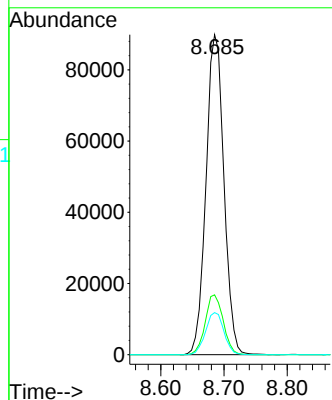
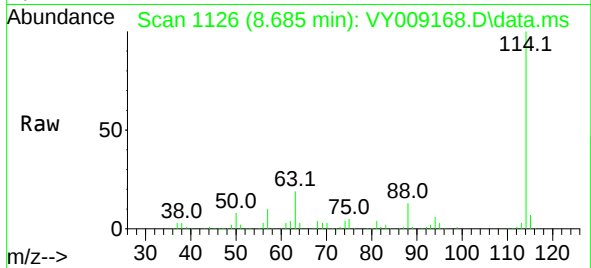




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

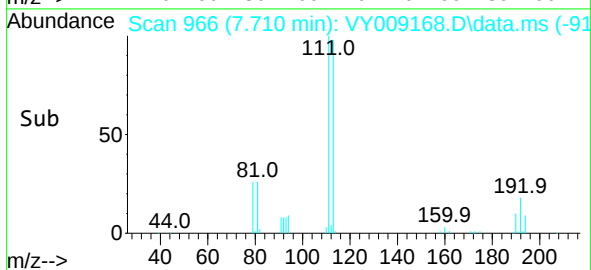
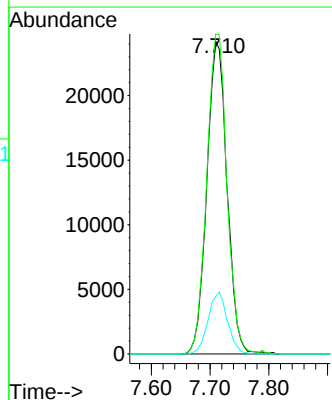
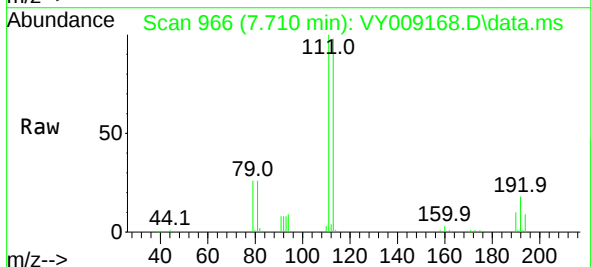
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

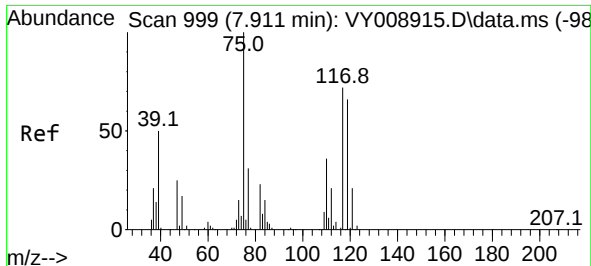
Tgt Ion:114 Resp: 177367
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 13.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.409 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion:113 Resp: 57804
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.0 17.6 26.4

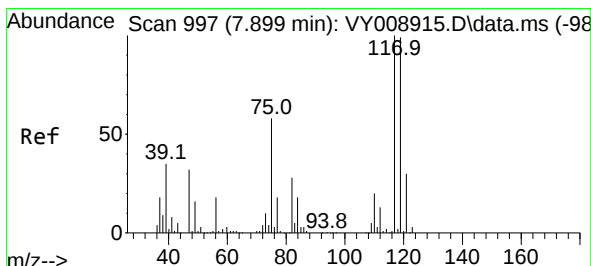
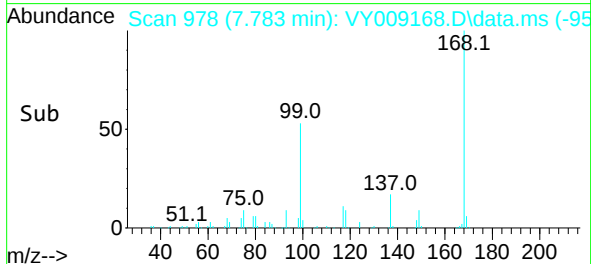
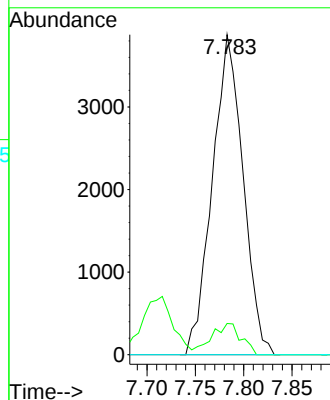
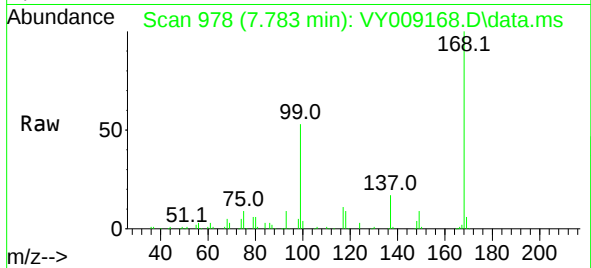




#36
1,1-Dichloropropene
Concen: 4.550 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

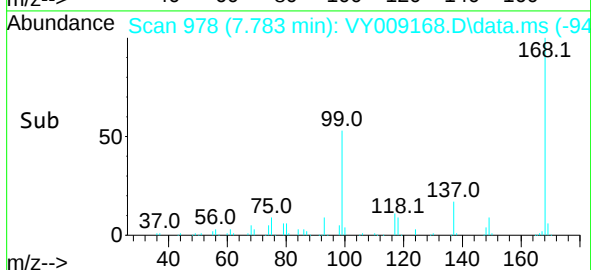
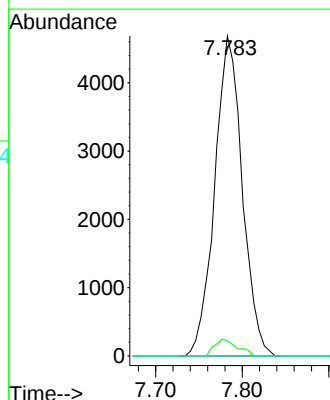
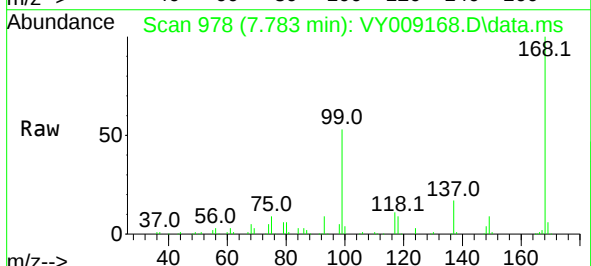
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

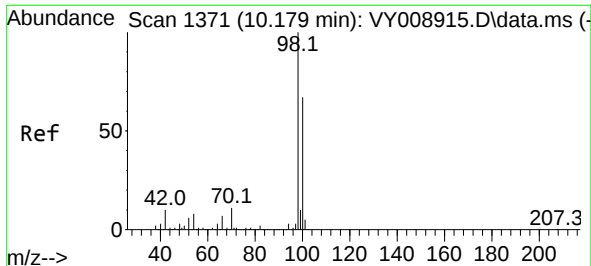
Tgt Ion: 75 Resp: 8540
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.272 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion: 117 Resp: 10351
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#

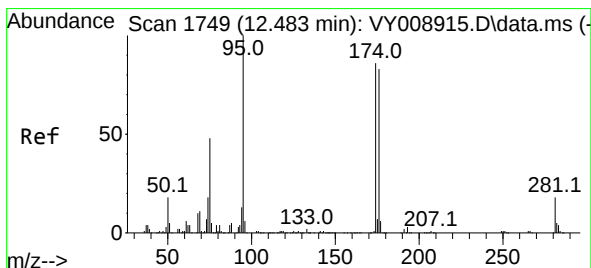
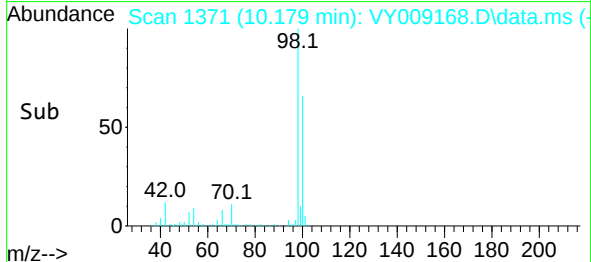
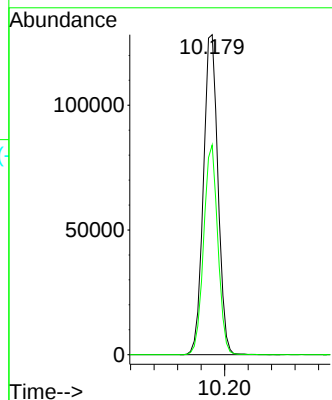
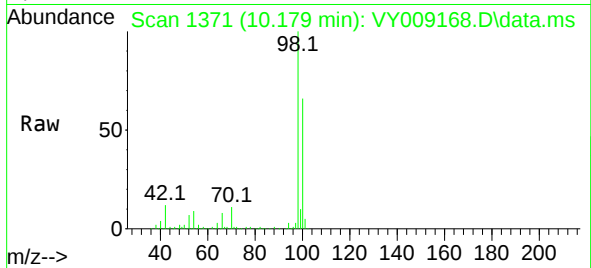




#50
Toluene-d8
Concen: 54.221 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

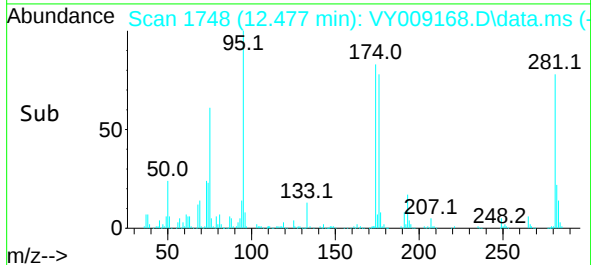
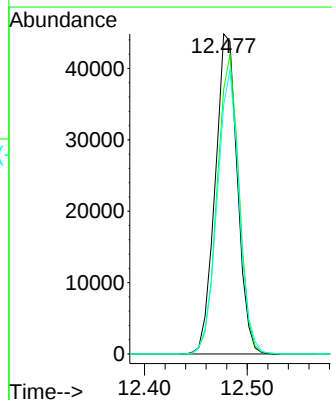
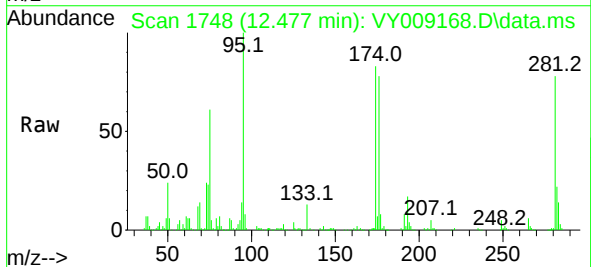
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

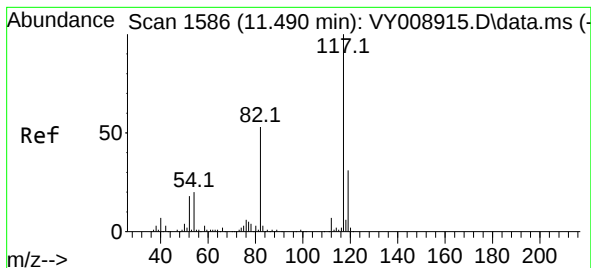
Tgt Ion: 98 Resp: 220622
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.870 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009168.D
Acq: 07 Jun 2022 16:51

Tgt Ion: 95 Resp: 67082
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 88.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009168.D

Acq: 07 Jun 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

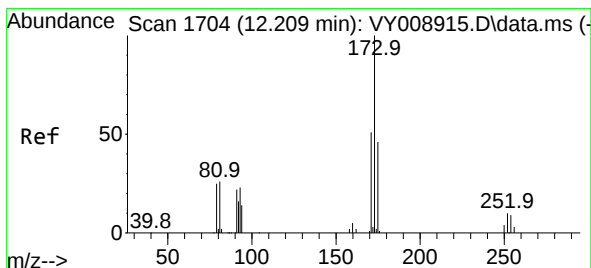
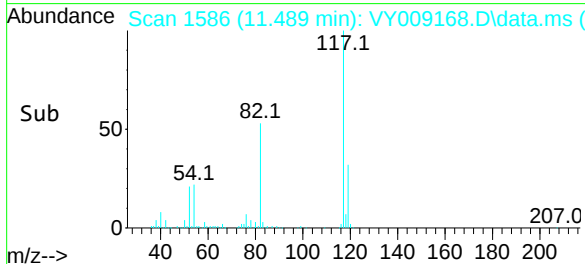
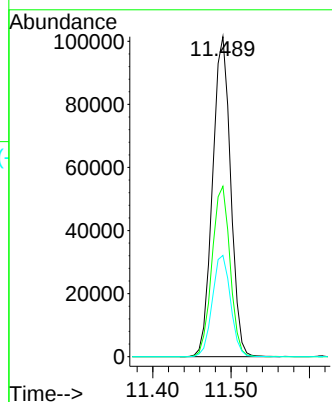
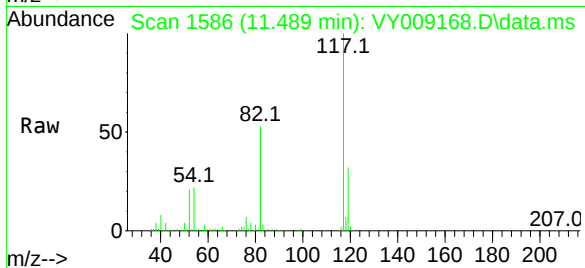
Tgt Ion:117 Resp: 162367

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.7 25.4 38.0



#71

Bromoform

Concen: 1.018 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.268 min

Lab File: VY009168.D

Acq: 07 Jun 2022 16:51

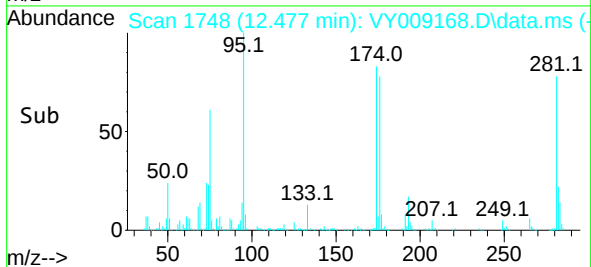
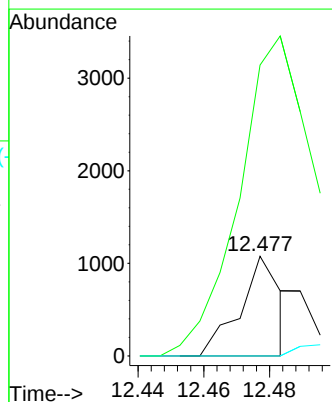
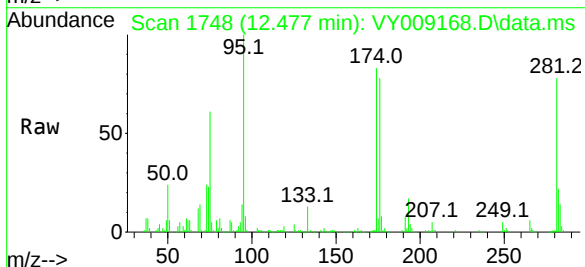
Tgt Ion:173 Resp: 921

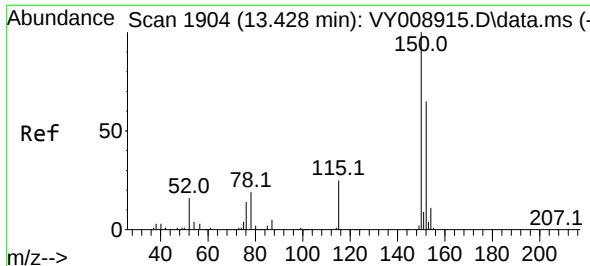
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0

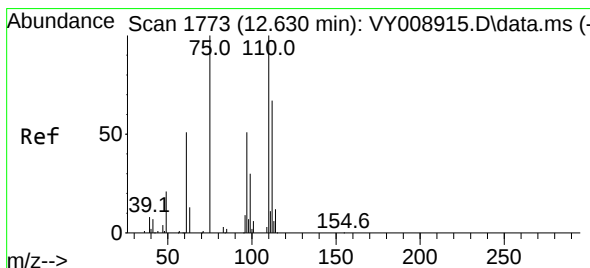
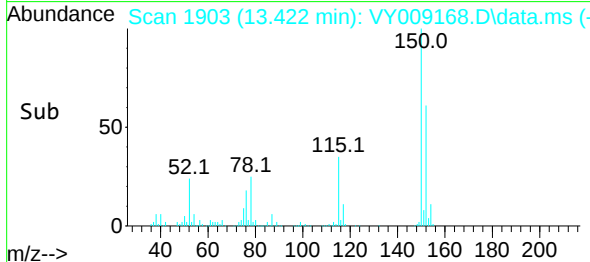
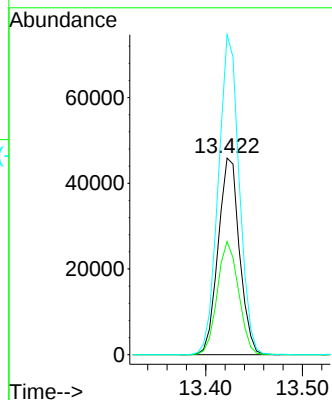
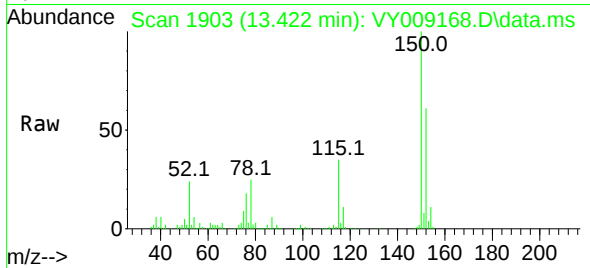




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VY009168.D
 Acq: 07 Jun 2022 16:51

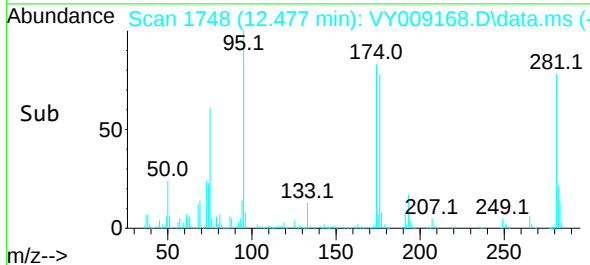
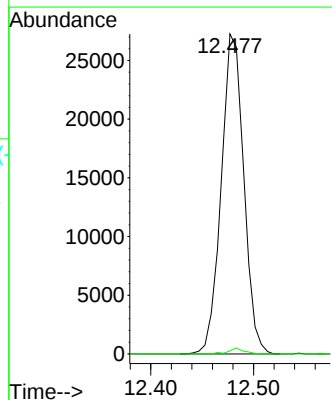
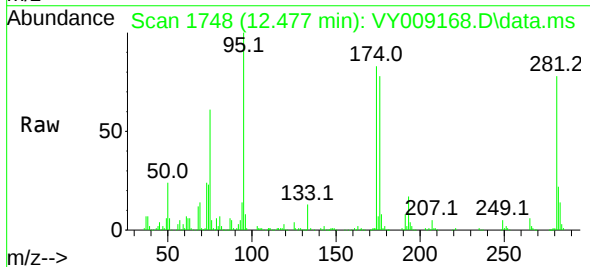
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

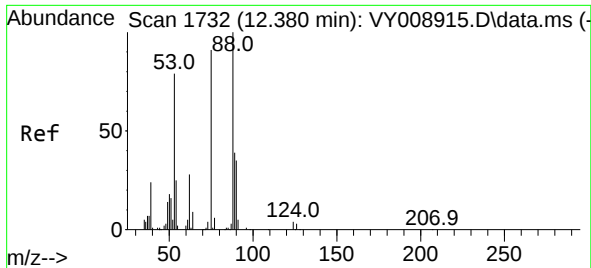
Tgt Ion:152 Resp: 70287
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 159.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.929 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009168.D
 Acq: 07 Jun 2022 16:51

Tgt Ion: 75 Resp: 41460
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.741 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009168.D
 Acq: 07 Jun 2022 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion: 75 Resp: 41460
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 2.0 37.0 55.4#

