

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009718.D
 Acq On : 27 Jul 2022 12:45
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 28 02:44:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

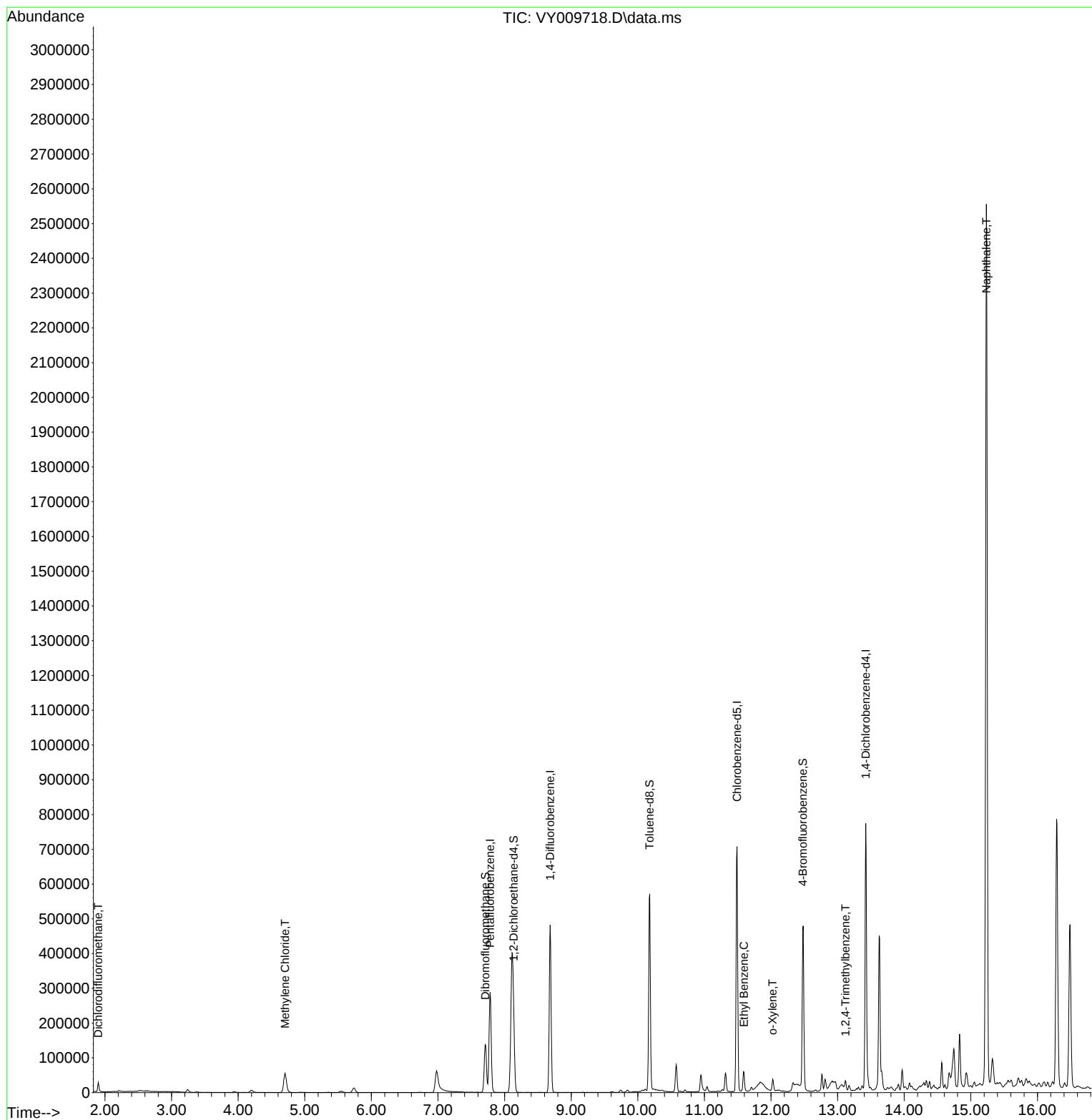
Internal Standards						
1) Pentafluorobenzene	7.783	168	239449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	411764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	205421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99613	63.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.880%	
35) Dibromofluoromethane	7.710	113	101062	43.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.680%	
50) Toluene-d8	10.179	98	388517	57.878	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 115.760%	
62) 4-Bromofluorobenzene	12.477	95	137057	44.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 88.660%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	20525	9.628	ug/l	96
18) Methyl Acetate	4.479	43	312	Below Cal	#	56
20) Methylene Chloride	4.704	84	42841	7.323	ug/l #	83
67) Ethyl Benzene	11.593	91	41218	2.886	ug/l	96
69) o-Xylene	12.026	106	9429	1.778	ug/l	85
84) 1,2,4-Trimethylbenzene	13.117	105	14124	1.238	ug/l	99
95) Naphthalene	15.233	128	2214482	306.080	ug/l	98

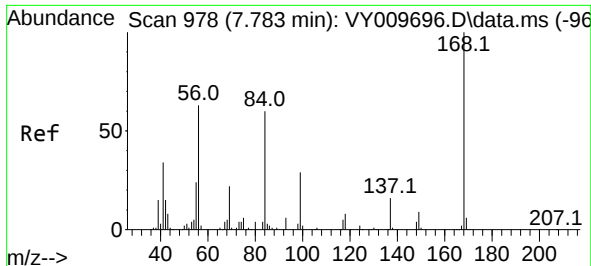
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009718.D
Acq On : 27 Jul 2022 12:45
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jul 28 02:44:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

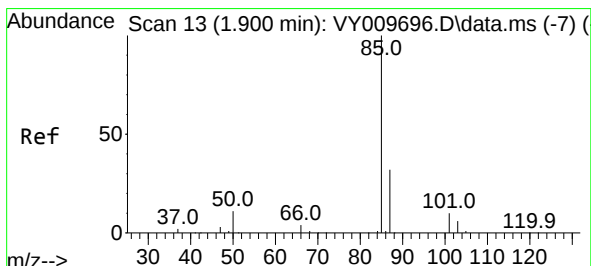
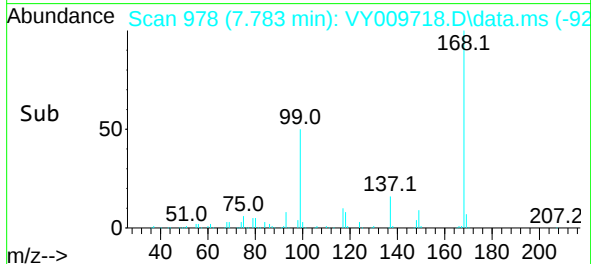
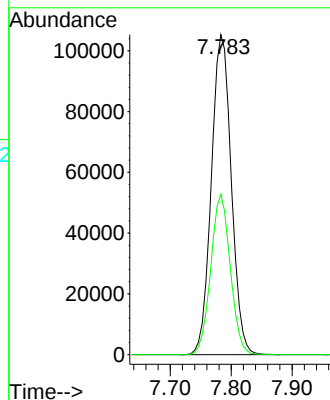
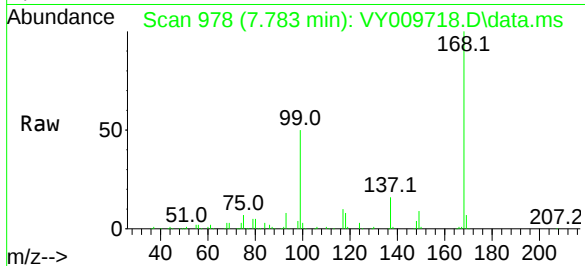




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

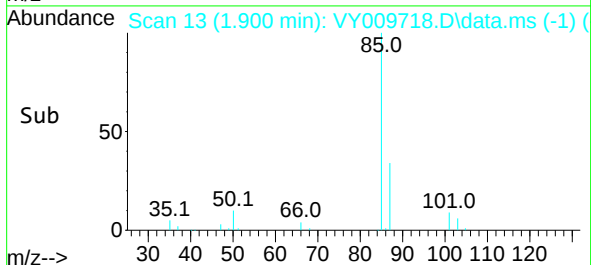
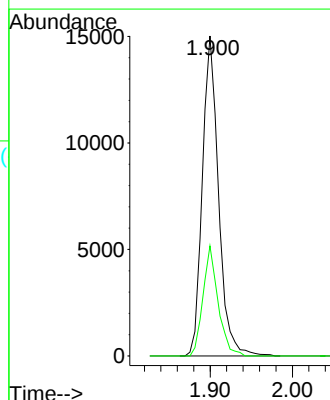
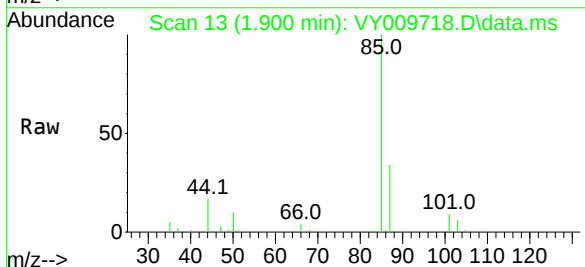
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

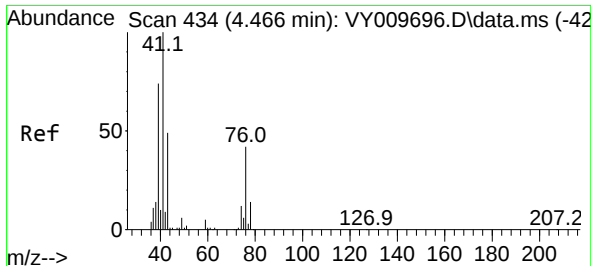
Tgt Ion:168 Resp: 239449
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 9.628 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

Tgt Ion: 85 Resp: 20525
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2

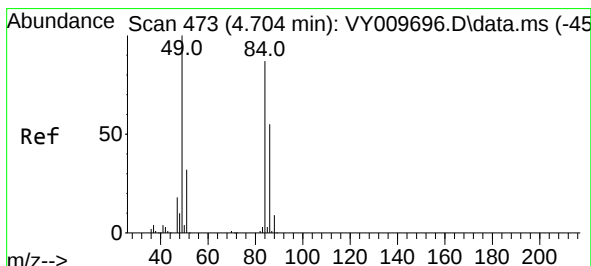
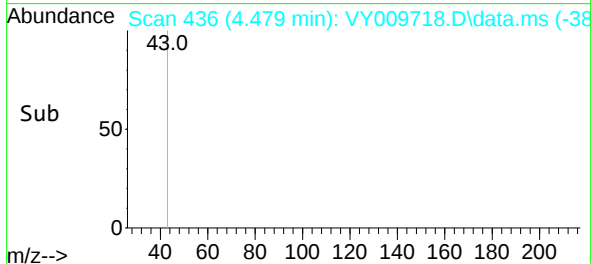
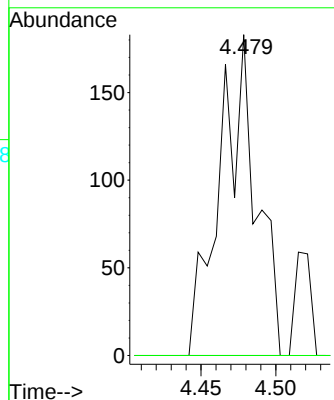
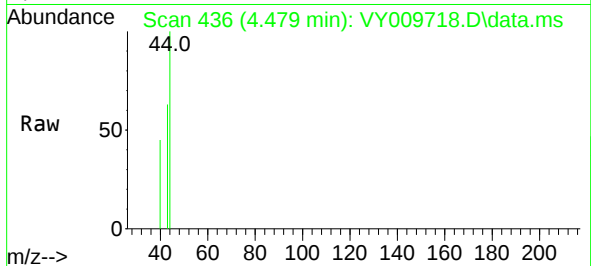




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

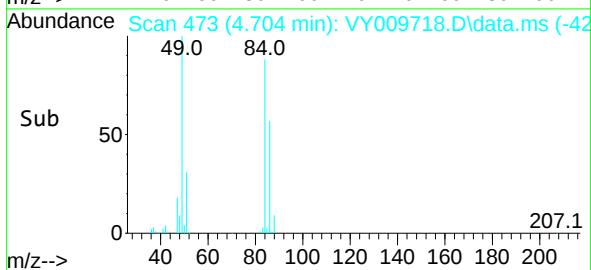
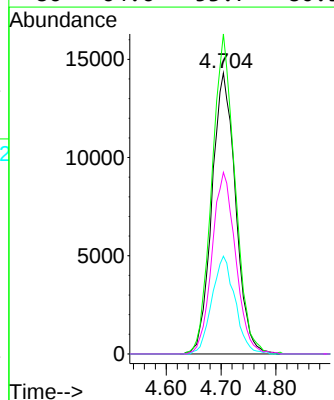
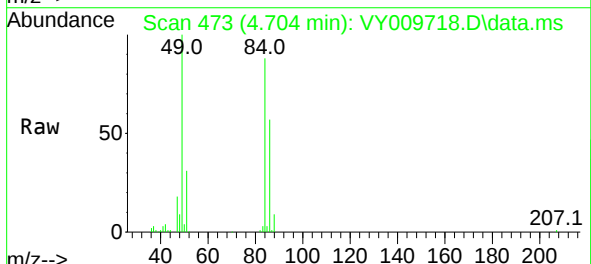
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

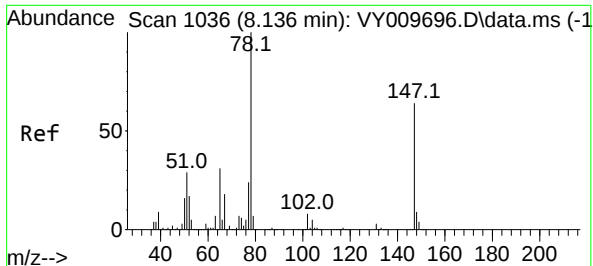
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 7.323 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

Tgt Ion: 84 Resp: 42841
Ion Ratio Lower Upper
84 100
49 113.9 114.4 171.6#
51 34.8 35.3 52.9#
86 64.6 53.7 80.5

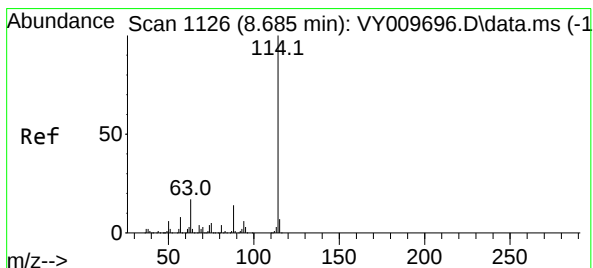
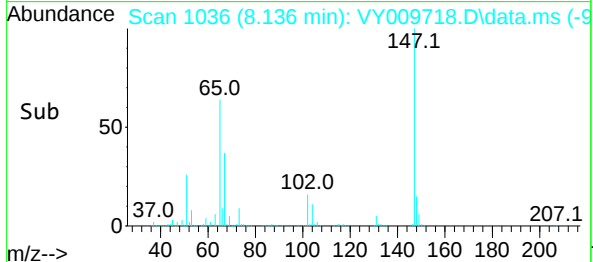
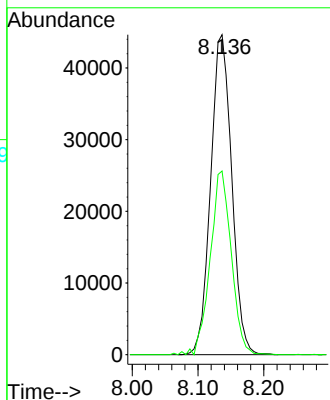
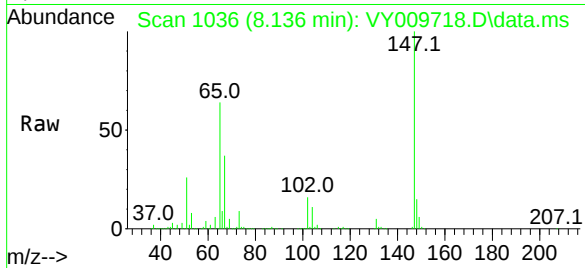




#33
 1,2-Dichloroethane-d4
 Concen: 63.940 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009718.D
 Acq: 27 Jul 2022 12:45

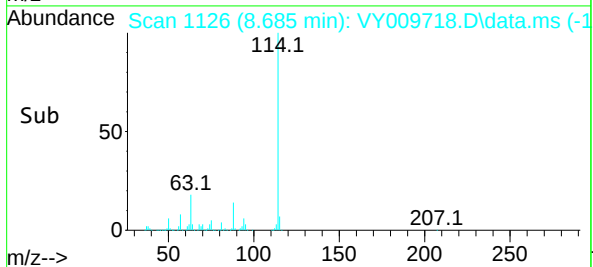
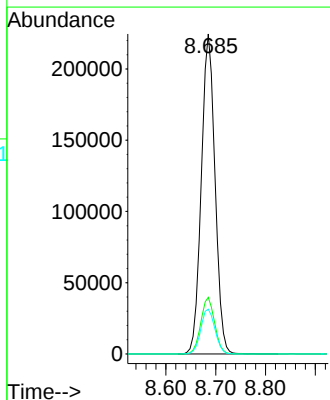
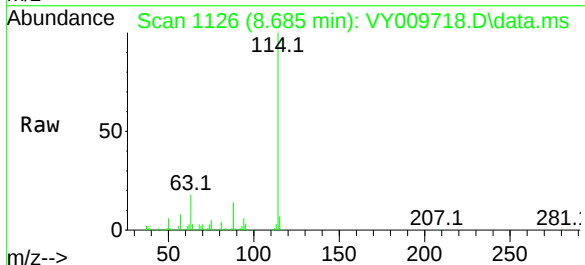
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

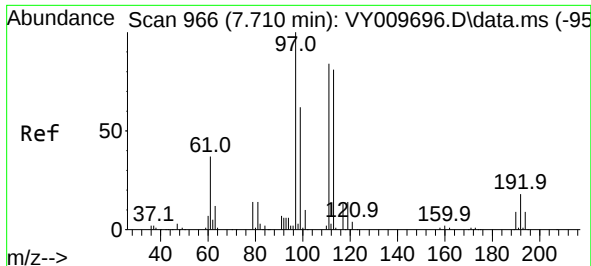
Tgt Ion: 65 Resp: 99613
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009718.D
 Acq: 27 Jul 2022 12:45

Tgt Ion:114 Resp: 428747
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 43.2
 88 14.0 0.0 31.8

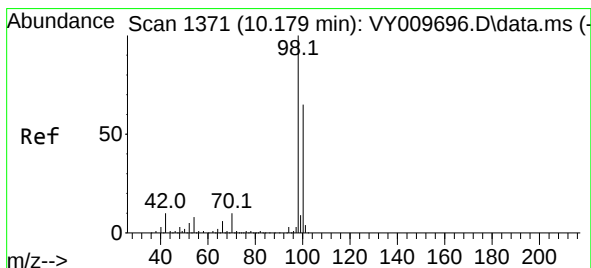
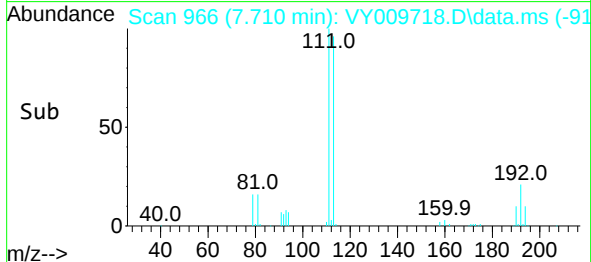
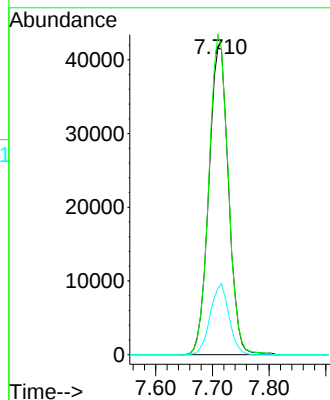
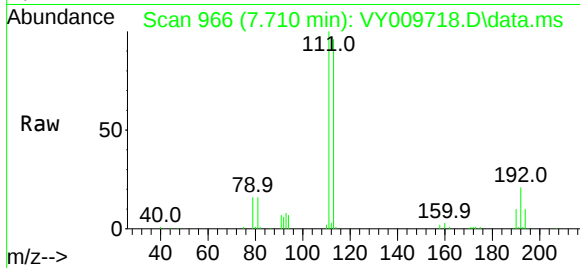




#35
Dibromofluoromethane
Concen: 43.340 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

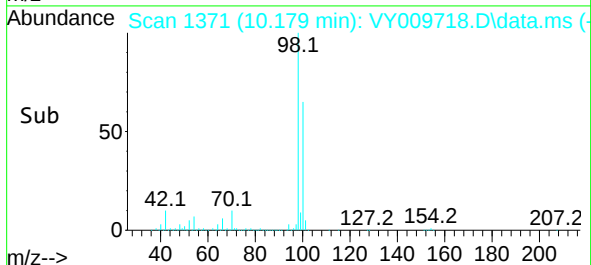
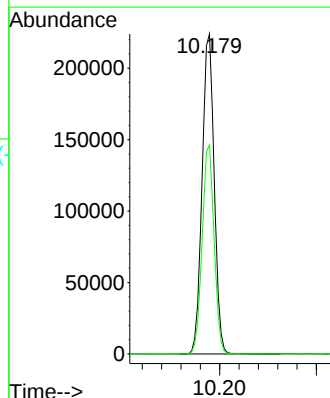
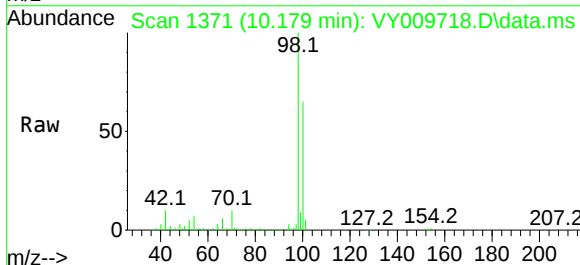
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

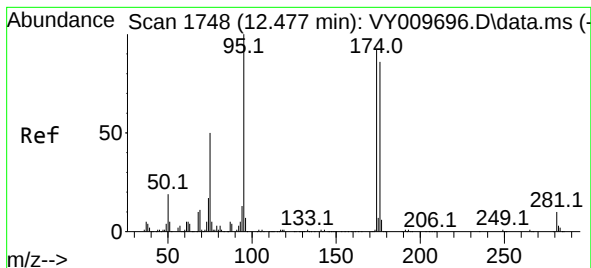
Tgt Ion:113 Resp: 101062
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 21.9 17.6 26.4



#50
Toluene-d8
Concen: 57.878 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

Tgt Ion: 98 Resp: 388517
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

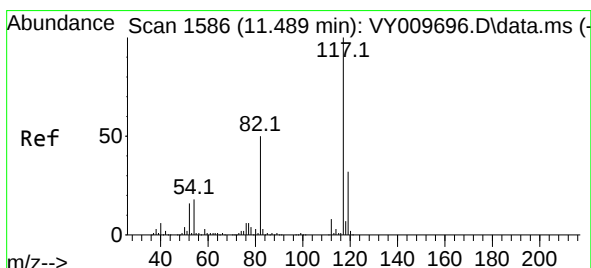
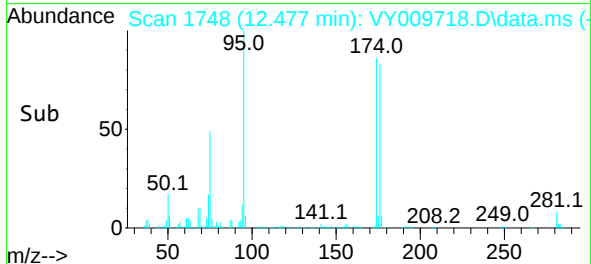
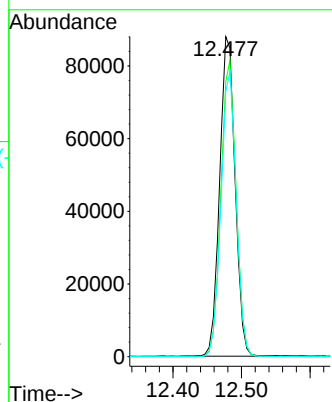
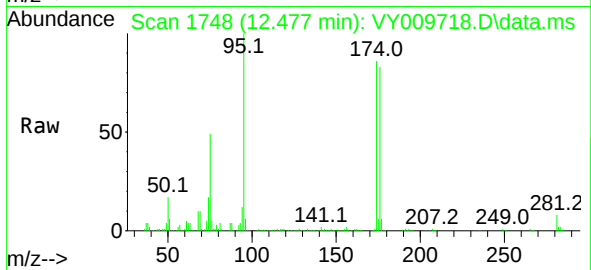




#62
4-Bromofluorobenzene
Concen: 44.327 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

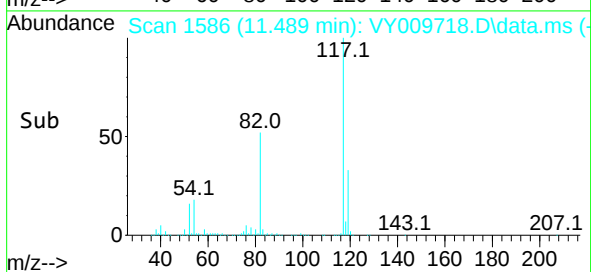
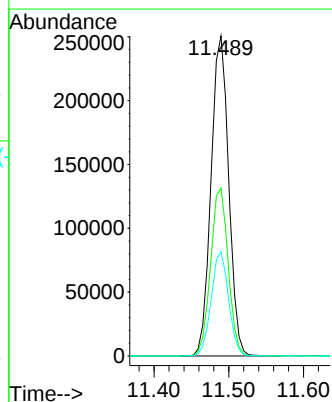
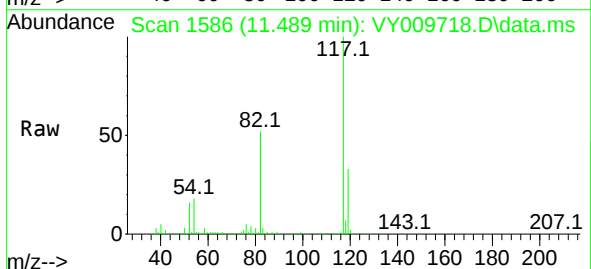
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

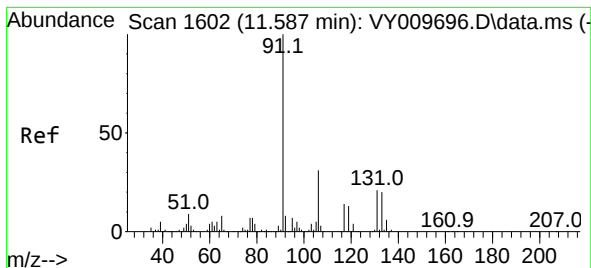
Tgt Ion: 95 Resp: 137057
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009718.D
Acq: 27 Jul 2022 12:45

Tgt Ion: 117 Resp: 411764
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.5 25.4 38.0





#67

Ethyl Benzene

Concen: 2.886 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009718.D

Acq: 27 Jul 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

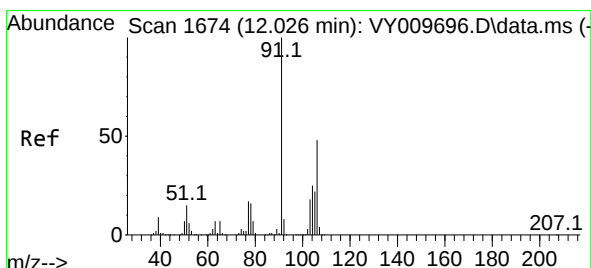
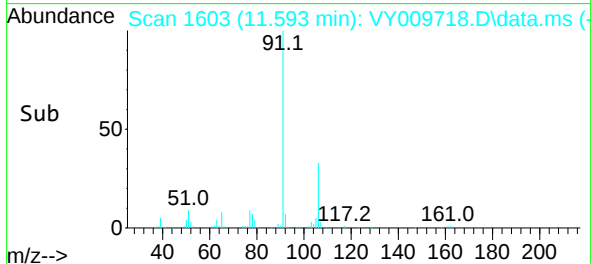
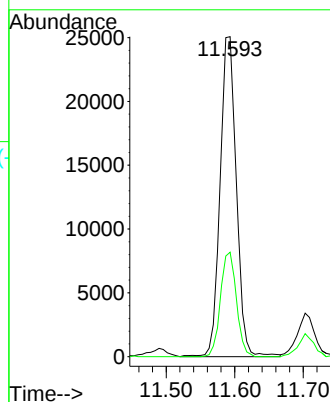
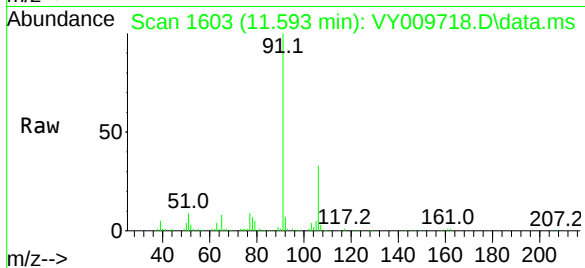
VIBLK

Tgt Ion: 91 Resp: 41218

Ion Ratio Lower Upper

91 100

106 32.7 24.5 36.7



#69

o-Xylene

Concen: 1.778 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY009718.D

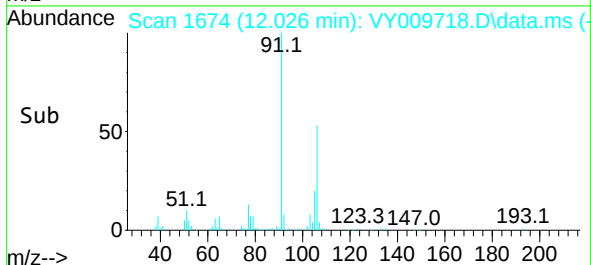
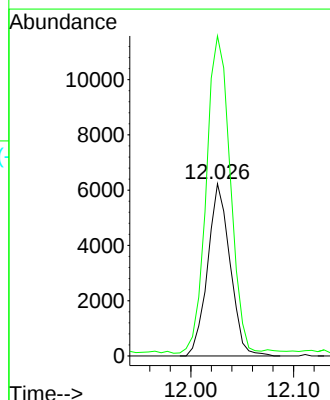
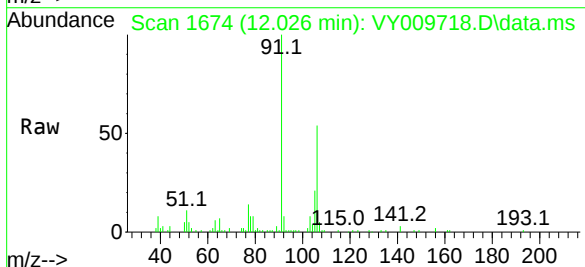
Acq: 27 Jul 2022 12:45

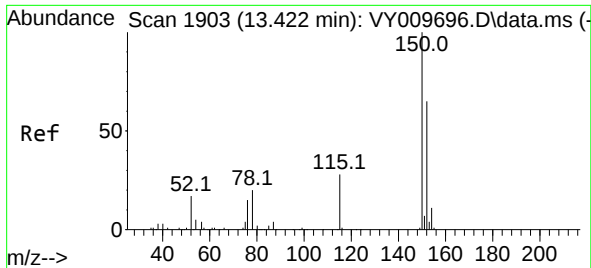
Tgt Ion:106 Resp: 9429

Ion Ratio Lower Upper

106 100

91 196.3 110.3 331.0

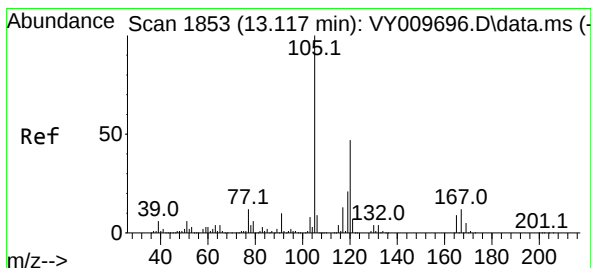
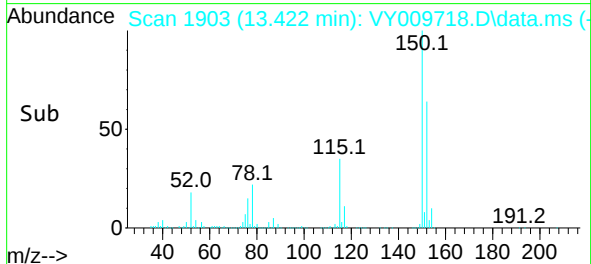
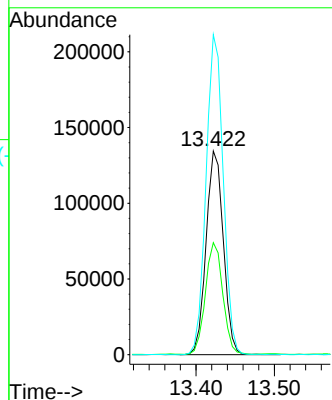
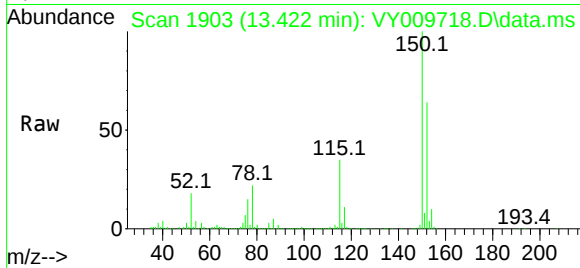




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009718.D
 Acq: 27 Jul 2022 12:45

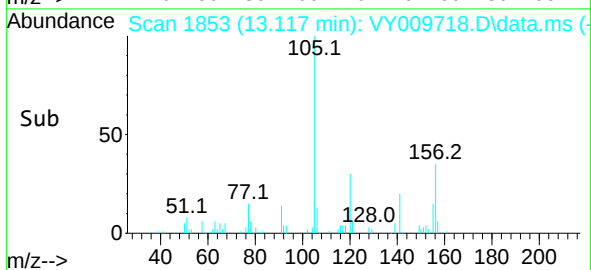
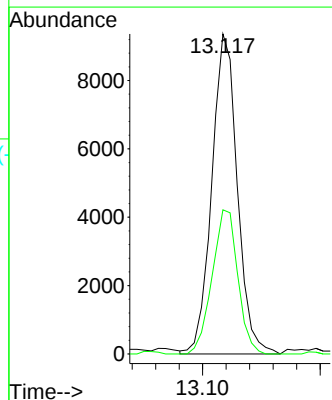
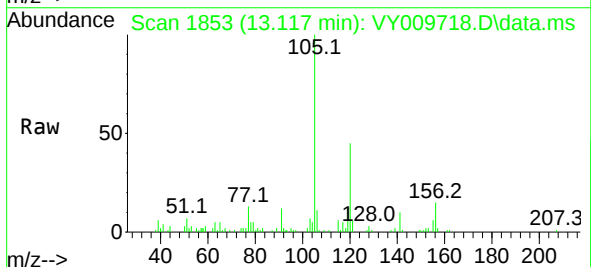
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

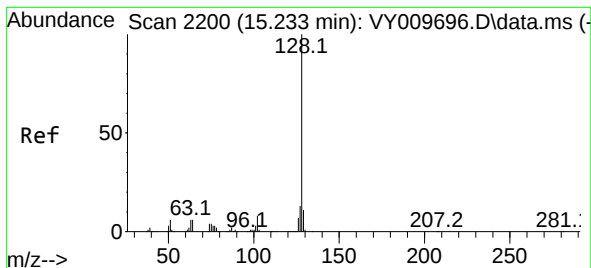
Tgt Ion:152 Resp: 205421
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 156.4 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.238 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY009718.D
 Acq: 27 Jul 2022 12:45

Tgt Ion:105 Resp: 14124
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.9





#95

Naphthalene

Concen: 306.080 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009718.D

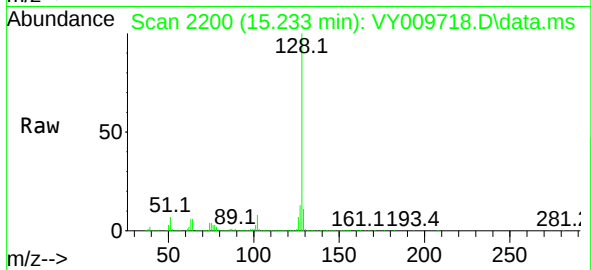
Acq: 27 Jul 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 2214482

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.1 8.4 12.6

