

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004797.D
 Acq On : 17 May 2021 12:13
 Operator : SY/MD
 Sample : M2409-01
 Misc : 6.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06

Quant Time: May 18 01:03:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

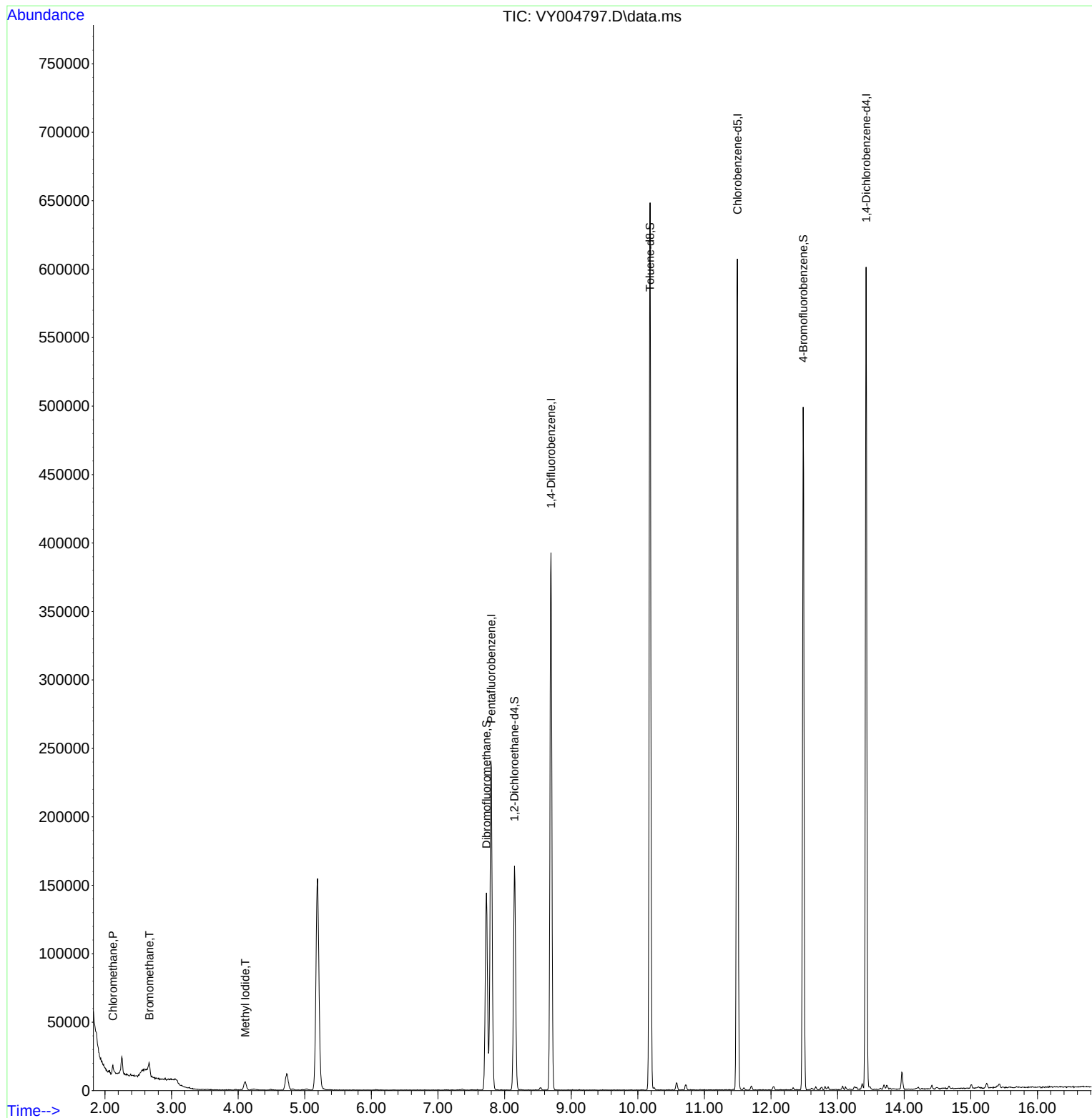
Internal Standards						
1) Pentafluorobenzene	7.801	168	179280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	309973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127174	59.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.18%	
35) Dibromofluoromethane	7.728	113	98295	55.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.78%	
50) Toluene-d8	10.185	98	401895	50.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.18%	
62) 4-Bromofluorobenzene	12.483	95	139322	51.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.92%	
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	5151	1.94	ug/l	97
5) Bromomethane	2.668	94	4775	3.44	ug/l	83
10) Methyl Iodide	4.107	142	9601	4.90	ug/l	99

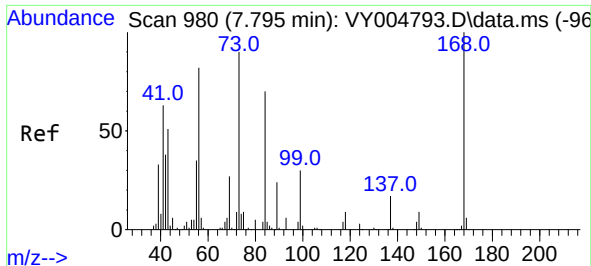
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
Data File : VY004797.D
Acq On : 17 May 2021 12:13
Operator : SY/MD
Sample : M2409-01
Misc : 6.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

Quant Time: May 18 01:03:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

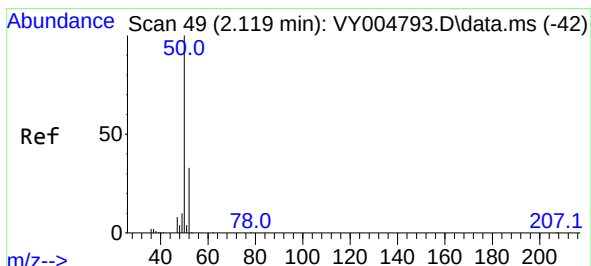
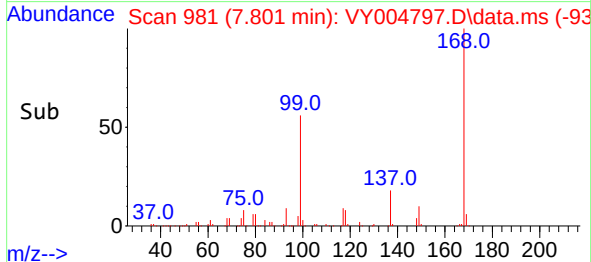
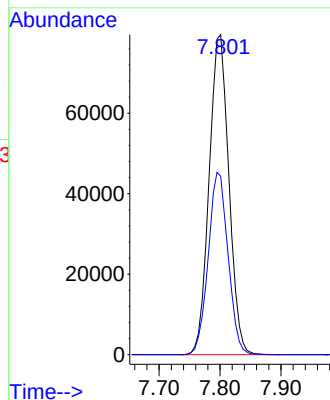
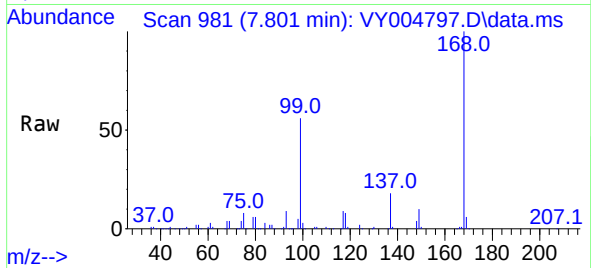




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

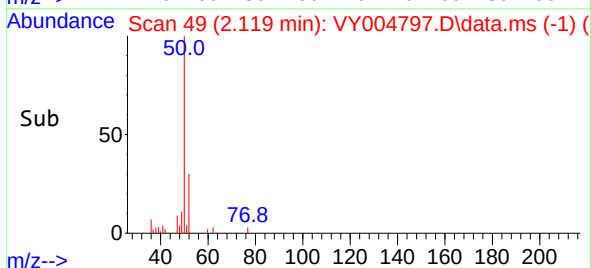
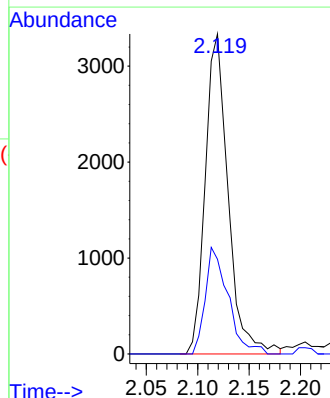
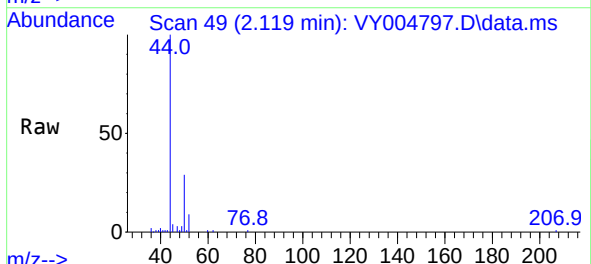
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

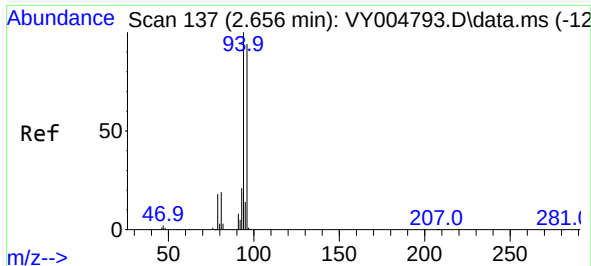
Tgt Ion:168 Resp: 179280
Ion Ratio Lower Upper
168 100
99 55.8 45.6 68.4



#3
Chloromethane
Concen: 1.94 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 50 Resp: 5151
Ion Ratio Lower Upper
50 100
52 29.6 25.0 37.6

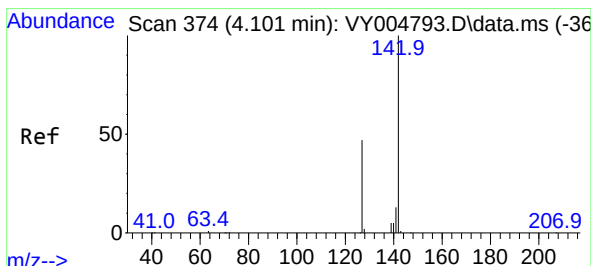
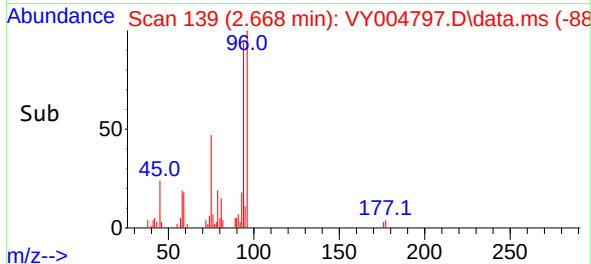
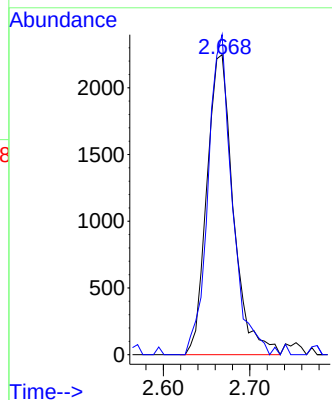
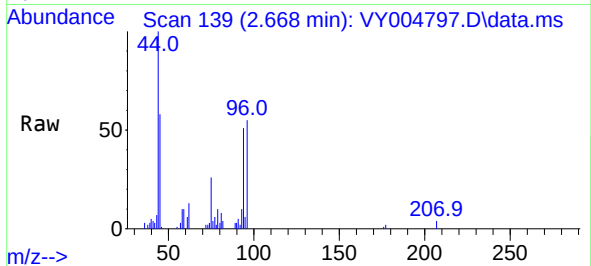




#5
Bromomethane
Concen: 3.44 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

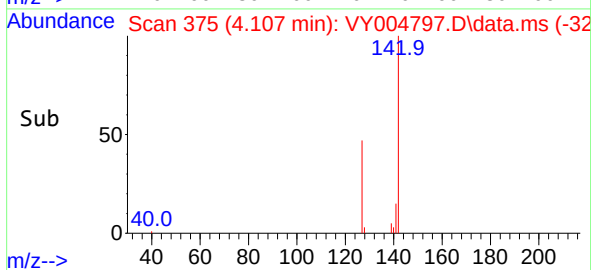
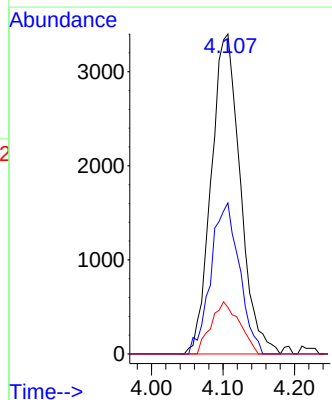
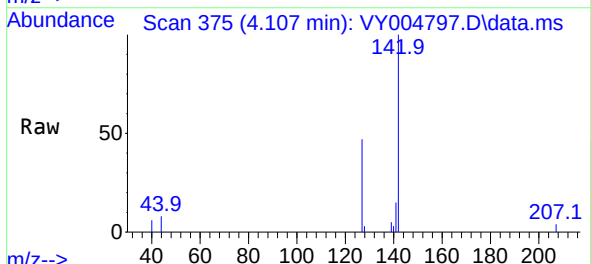
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

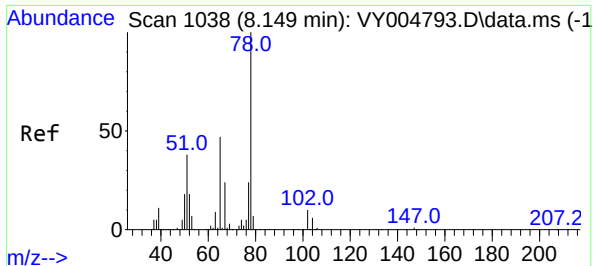
Tgt Ion: 94 Resp: 4775
Ion Ratio Lower Upper
94 100
96 106.7 72.6 109.0



#10
Methyl Iodide
Concen: 4.90 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 142 Resp: 9601
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 15.9 11.9 17.9

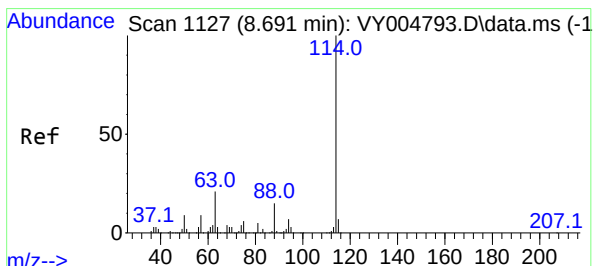
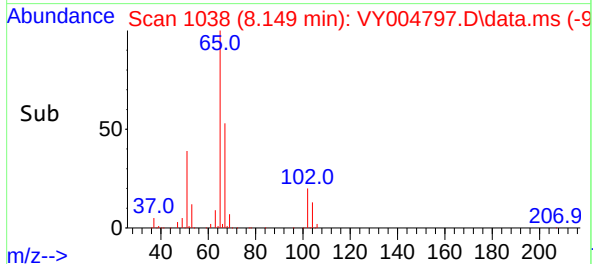
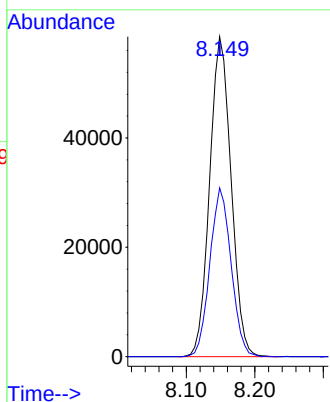
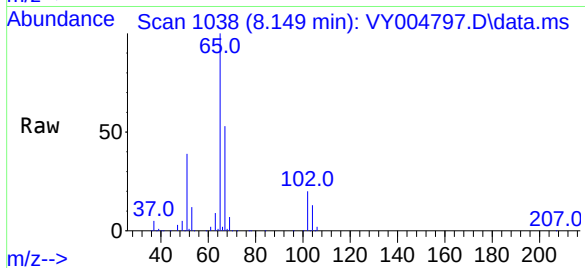




#33
1,2-Dichloroethane-d4
Concen: 59.59 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

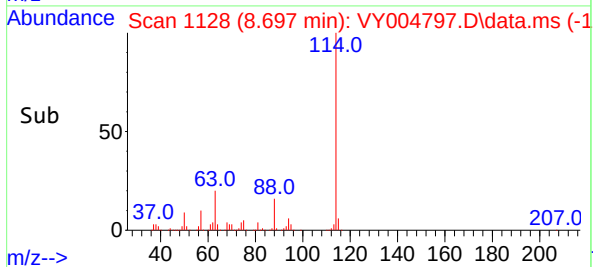
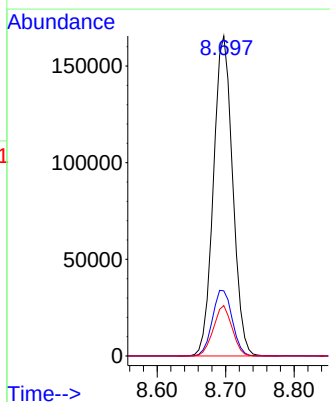
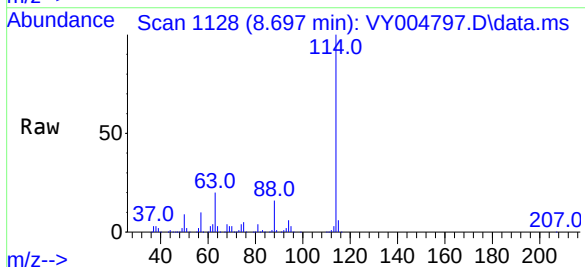
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

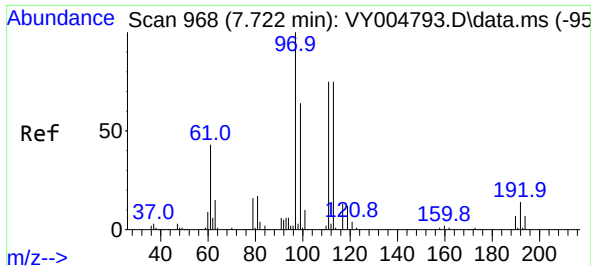
Tgt Ion: 65 Resp: 127174
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 114 Resp: 321256
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.8 0.0 31.0

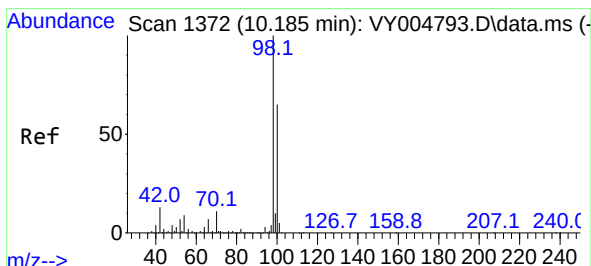
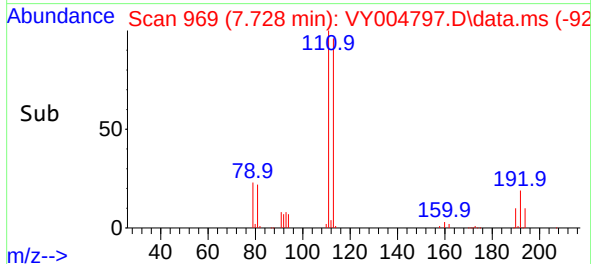
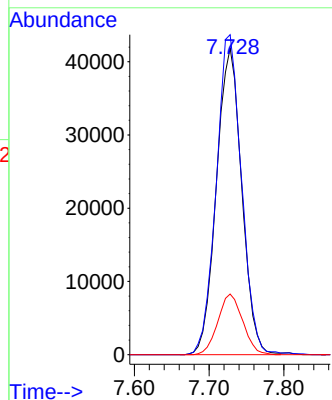
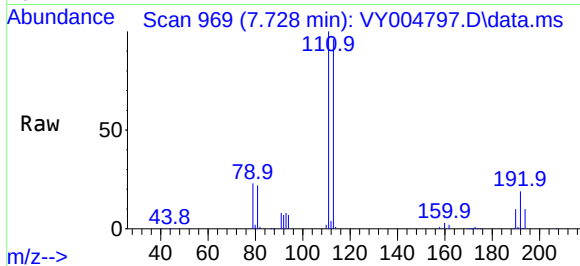




#35
Dibromofluoromethane
Concen: 55.89 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

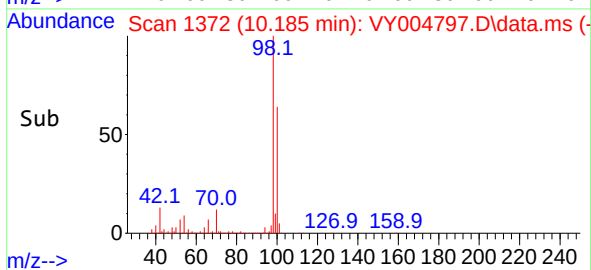
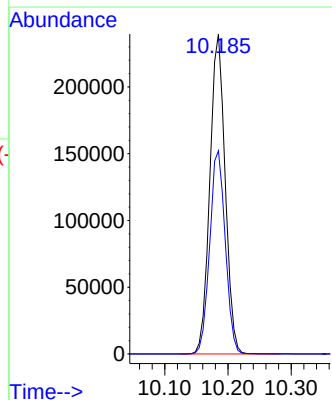
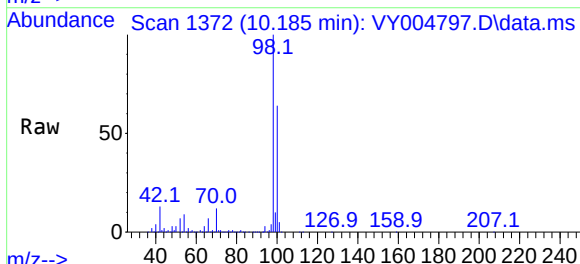
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

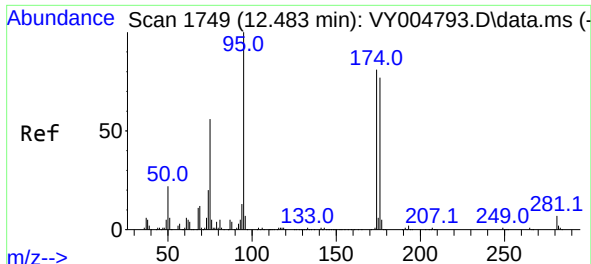
Tgt Ion:	113	Resp:	98295
Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.5	120.7
192	19.5	15.0	22.6



#50
Toluene-d8
Concen: 50.59 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion:	98	Resp:	401895
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3

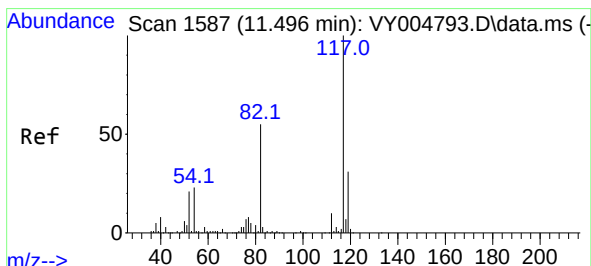
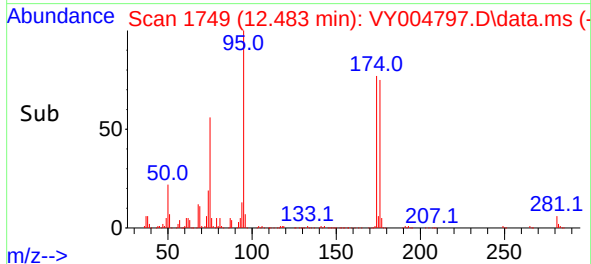
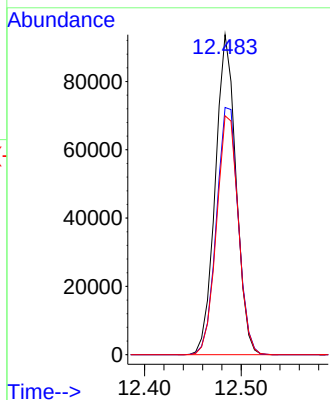
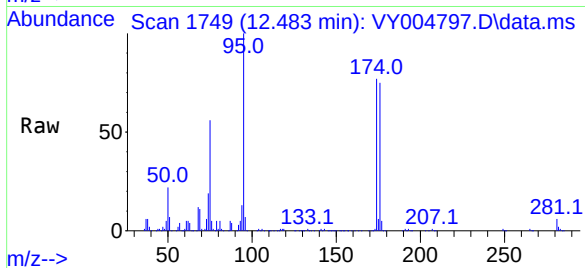




#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

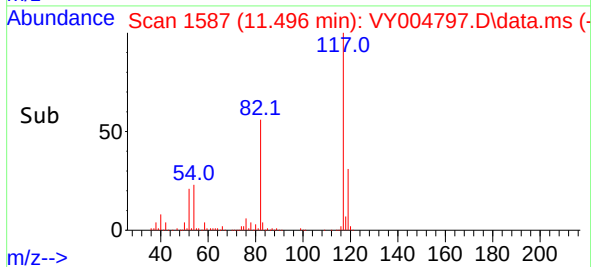
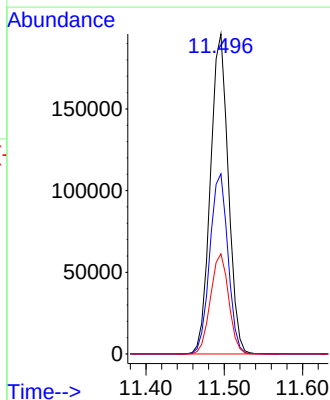
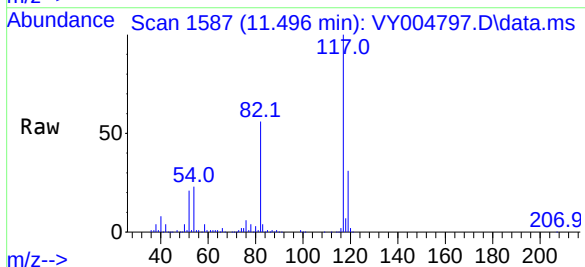
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

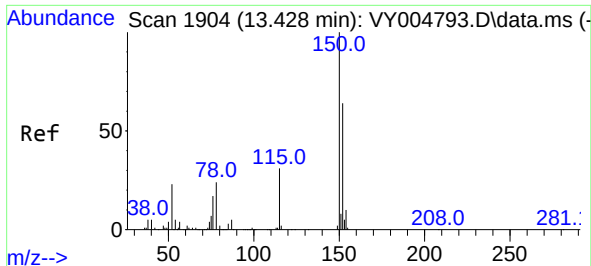
Tgt Ion: 95 Resp: 139322
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.2
176 78.3 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 117 Resp: 309973
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004797.D
 Acq: 17 May 2021 12:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06

Tgt Ion:152 Resp: 141003

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.4	88.3
150	156.9	0.0	349.8

