

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004827.D
 Acq On : 18 May 2021 15:28
 Operator : SY/MD
 Sample : M2413-05RE
 Misc : 8.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: May 19 01:04:29 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)

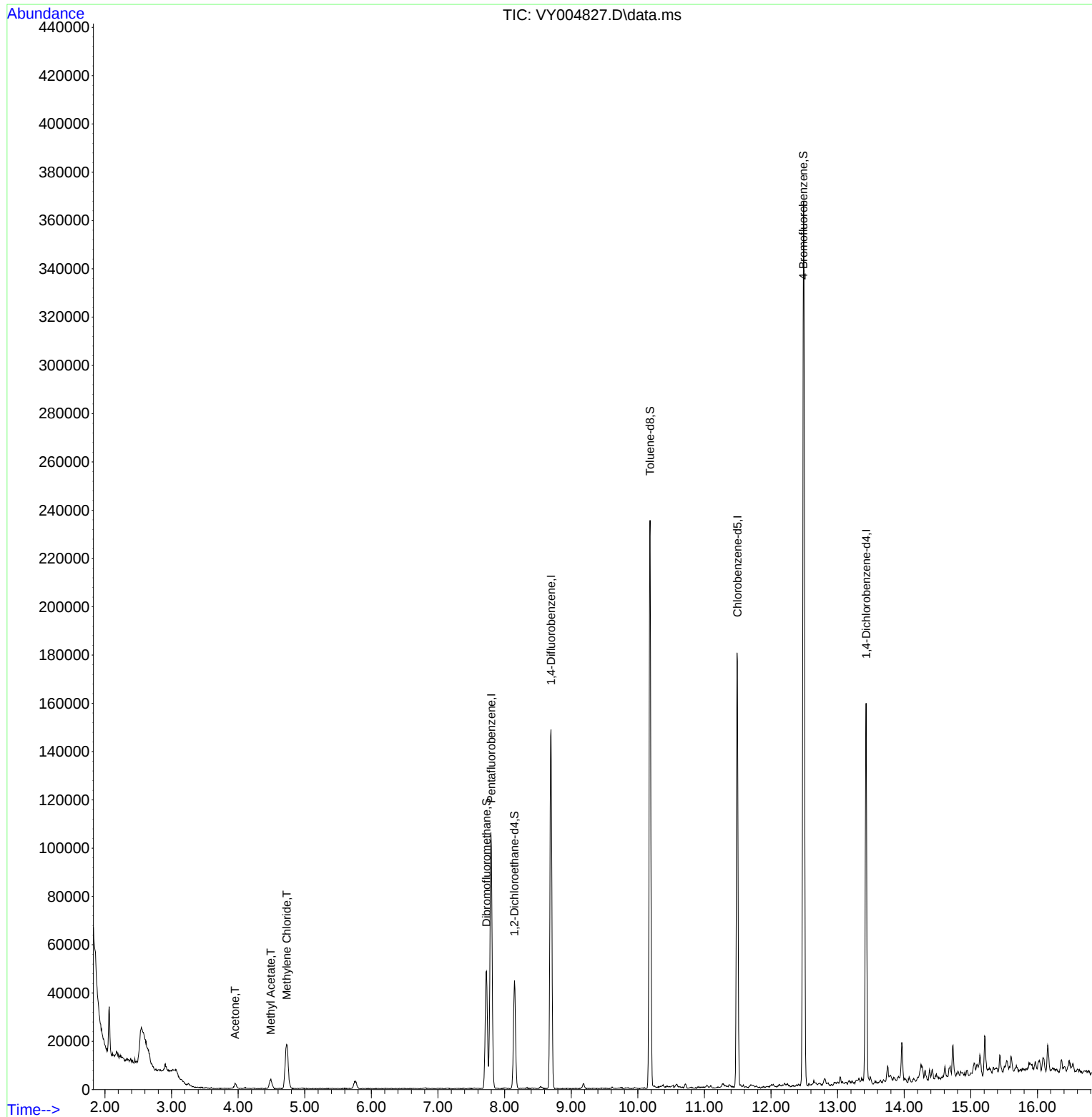
Internal Standards						
1) Pentafluorobenzene	7.801	168	78208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	121897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	92315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	34568	37.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.26%
35) Dibromofluoromethane	7.728	113	33976	50.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.82%
50) Toluene-d8	10.185	98	147509	48.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.86%
62) 4-Bromofluorobenzene	12.483	95	38097	37.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.88%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3595	17.19	ug/l	97
18) Methyl Acetate	4.491	43	7389	11.08	ug/l	98
20) Methylene Chloride	4.728	84	13305	6.26	ug/l	90

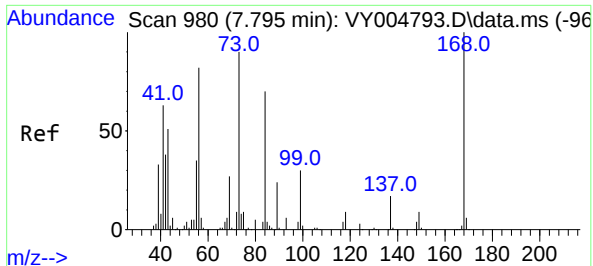
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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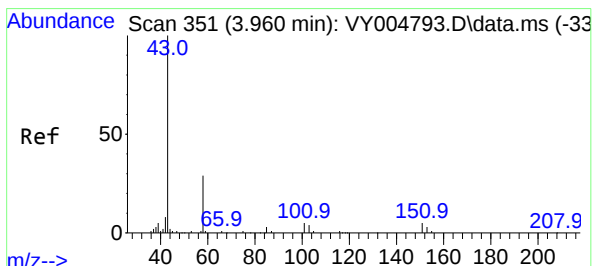
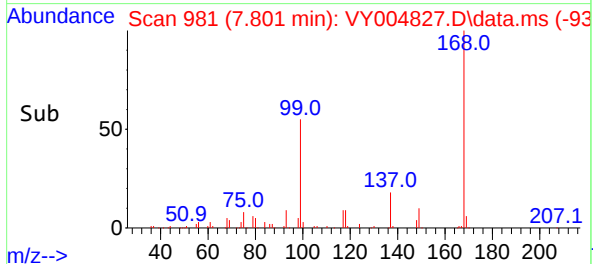
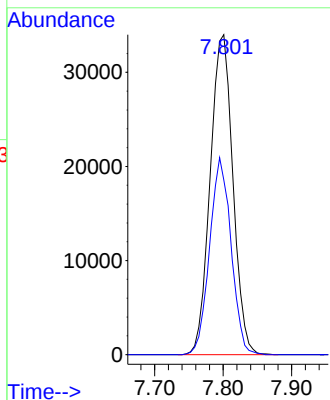
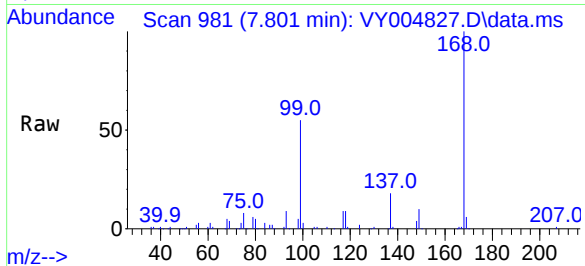




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

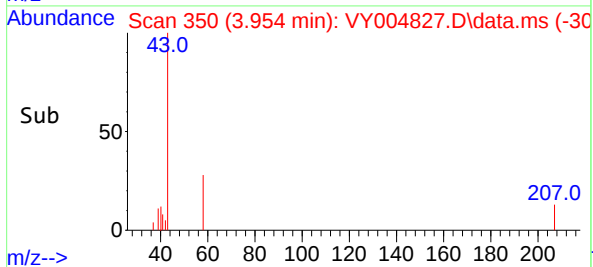
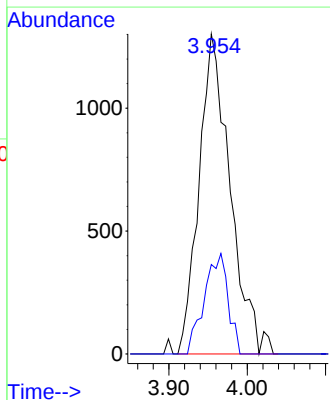
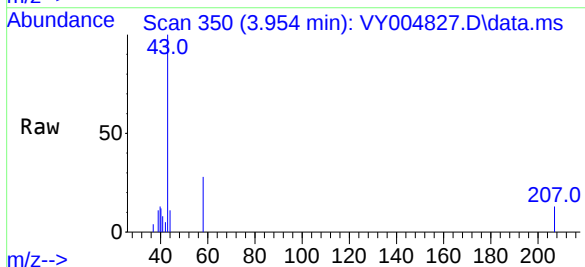
Instrument :
MSVOA_Y
ClientSampleId :
124055

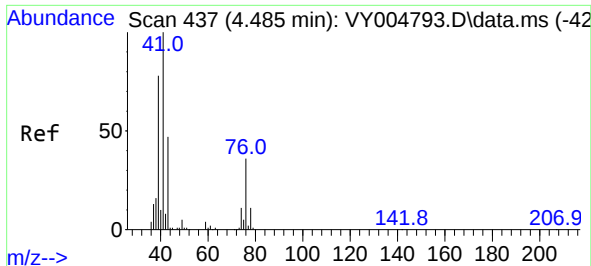
Tgt Ion:168 Resp: 78208
Ion Ratio Lower Upper
168 100
99 54.6 45.6 68.4



#16
Acetone
Concen: 17.19 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
58 28.0 23.6 35.4

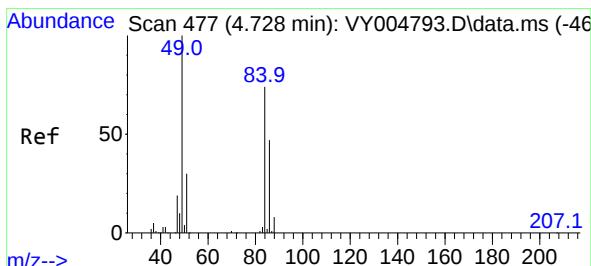
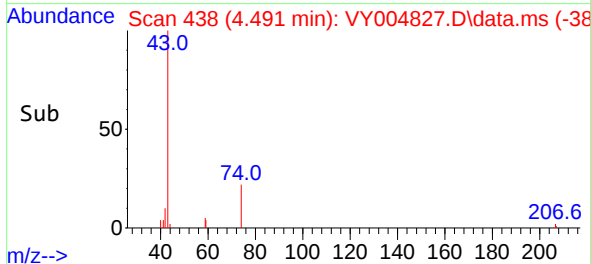
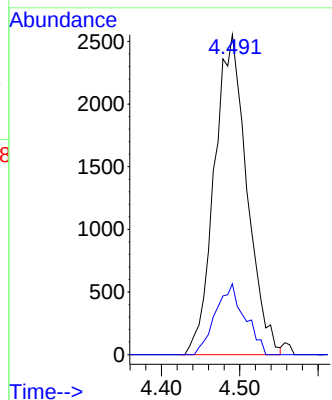
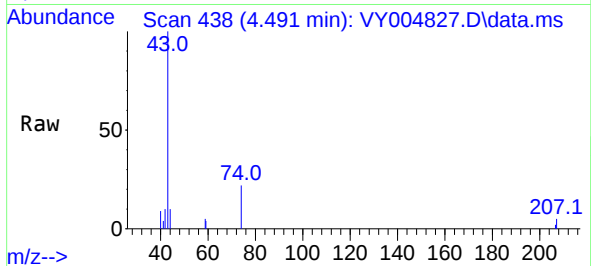




#18
Methyl Acetate
Concen: 11.08 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

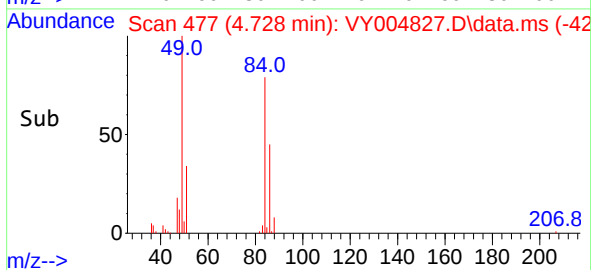
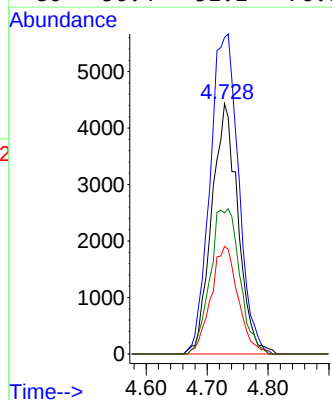
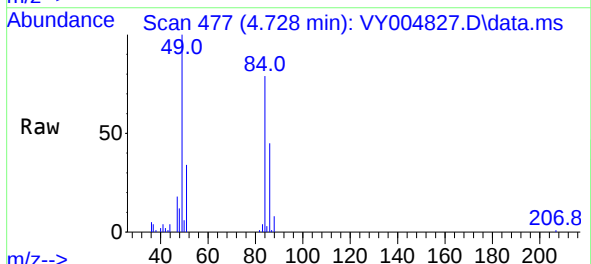
Instrument :
MSVOA_Y
ClientSampled :
124055

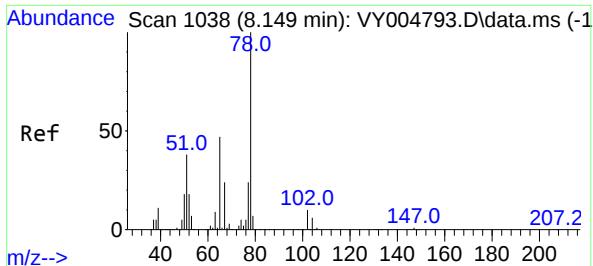
Tgt Ion: 43 Resp: 7389
Ion Ratio Lower Upper
43 100
74 19.9 16.6 24.8



#20
Methylene Chloride
Concen: 6.26 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion: 84 Resp: 13305
Ion Ratio Lower Upper
84 100
49 126.5 113.8 170.8
51 43.0 33.5 50.3
86 56.4 51.1 76.7

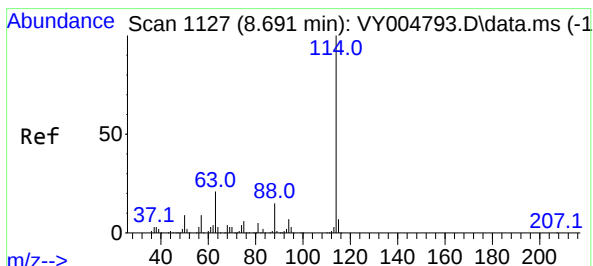
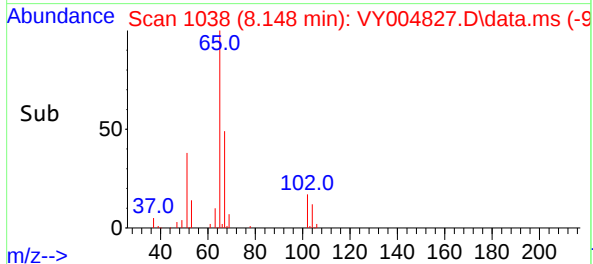
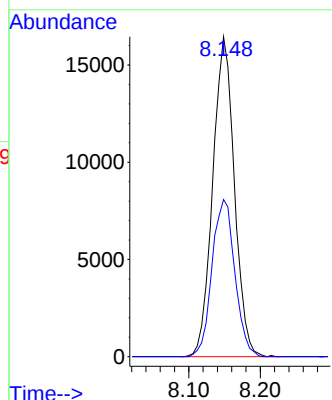
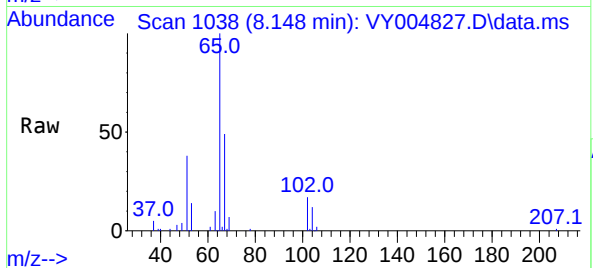




#33
1,2-Dichloroethane-d4
Concen: 37.13 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

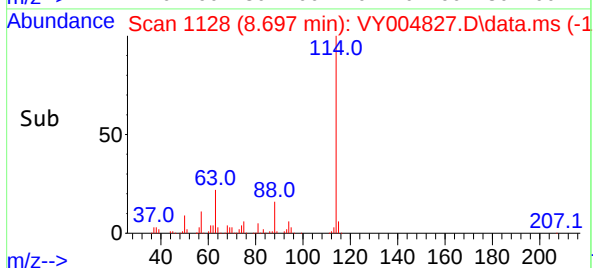
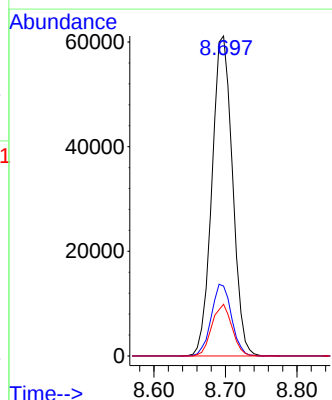
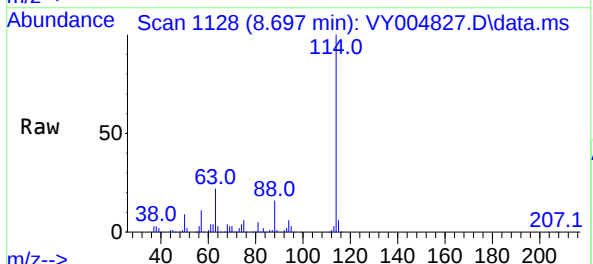
Instrument :
MSVOA_Y
ClientSampleId :
124055

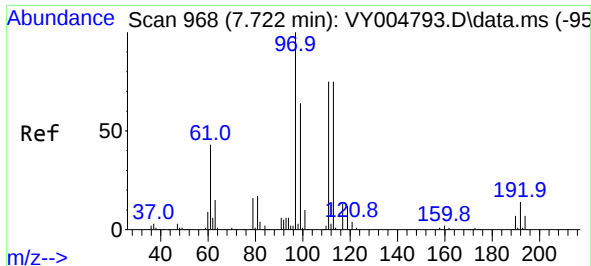
Tgt Ion: 65 Resp: 34568
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion: 114 Resp: 121897
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.8
88 16.1 0.0 31.0

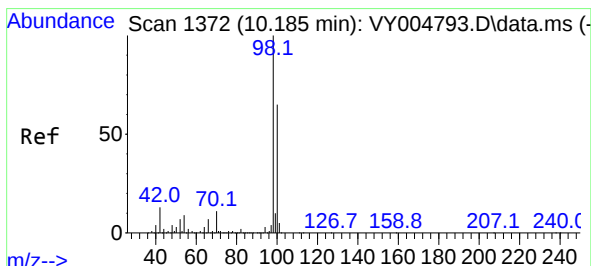
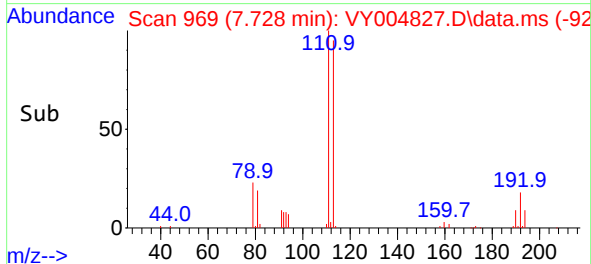
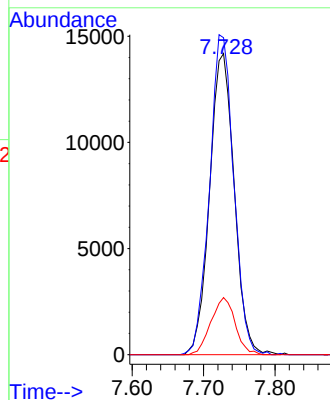
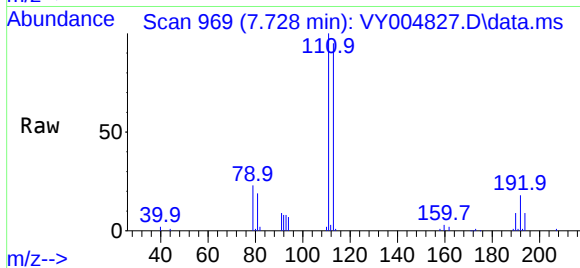




#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

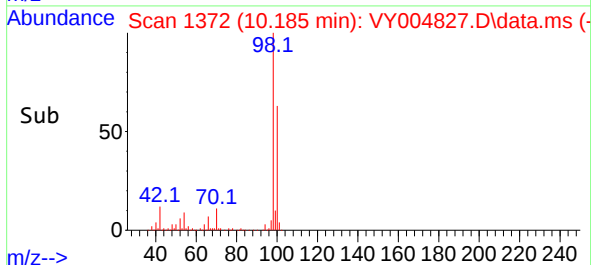
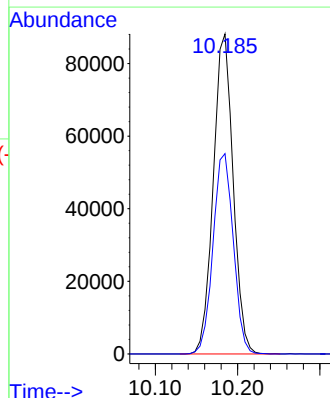
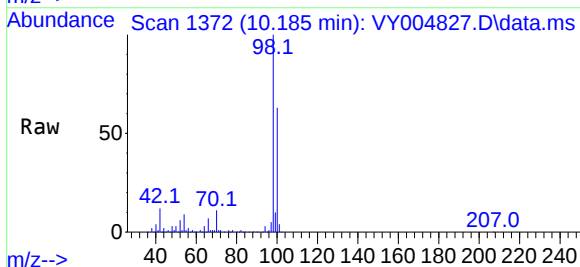
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ClientSampleId :
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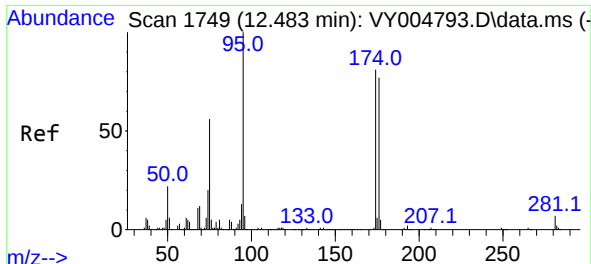
Tgt Ion:	113	Resp:	33976
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.5	120.7
192	18.7	15.0	22.6



#50
Toluene-d8
Concen: 48.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion:	98	Resp:	147509
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3

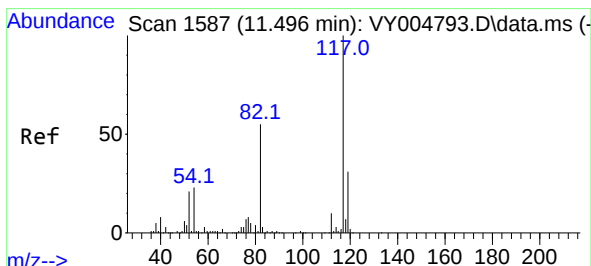
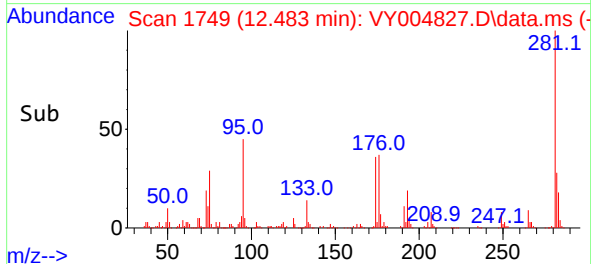
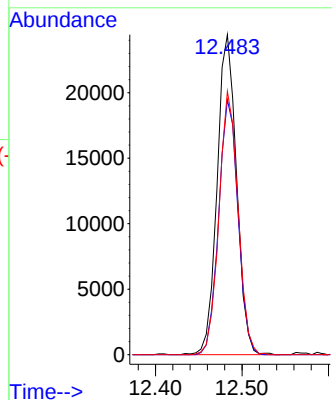
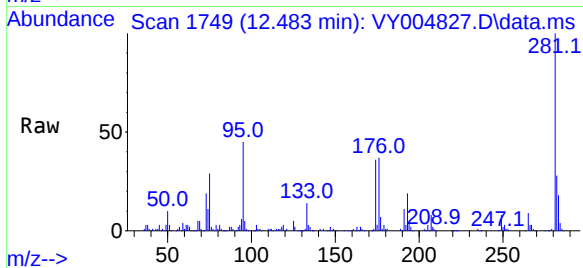




#62
4-Bromofluorobenzene
Concen: 37.44 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

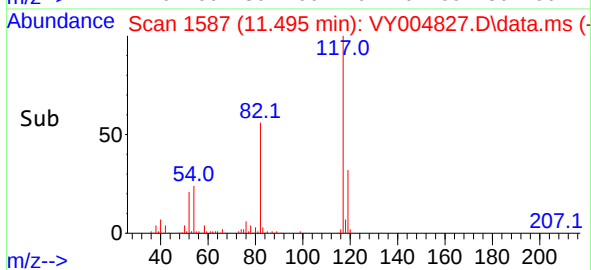
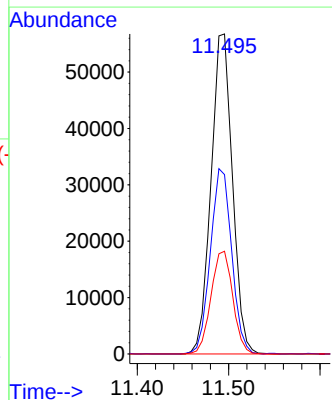
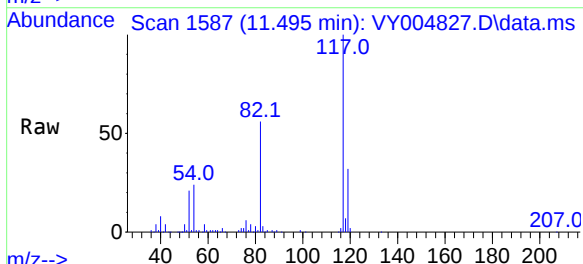
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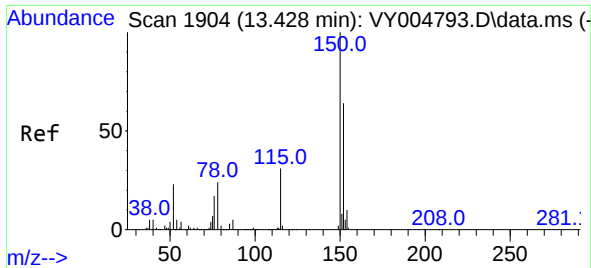
Tgt Ion:	95	Resp:	38097
Ion Ratio	Lower	Upper	
95	100		
174	79.1	0.0	164.2
176	80.4	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion:	117	Resp:	92315
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.4	68.2
119	32.1	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: VY004827.D
 Acq: 18 May 2021 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Tgt Ion:152 Resp: 36580
 Ion Ratio Lower Upper
 152 100
 115 59.9 29.4 88.3
 150 158.4 0.0 349.8

