

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101621\  
 Data File : VX024835.D  
 Acq On : 15 Oct 2021 18:08  
 Operator : JC/MD  
 Sample : M4251-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 P287-DITCH

Quant Time: Oct 18 01:44:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 14 03:51:38 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) Pentafluorobenzene	5.562	168	140445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104195	60.361	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	120.720%#	
35) Dibromofluoromethane	5.397	113	77054	55.665	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	111.340%	
50) Toluene-d8	8.653	98	277587	54.212	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	108.420%	
62) 4-Bromofluorobenzene	11.085	95	98256	48.790	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.580%	

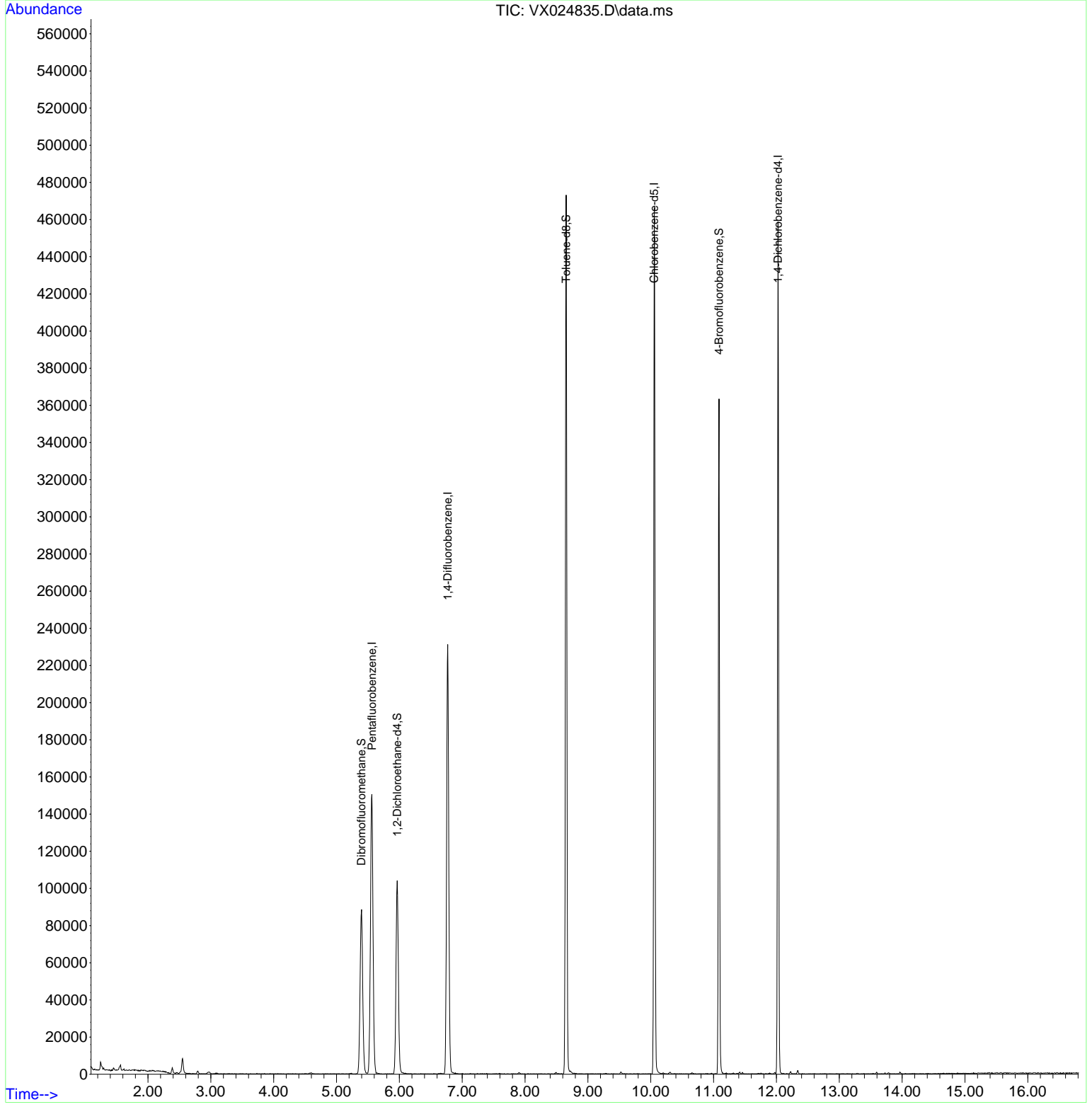
Target Compounds Qvalue  
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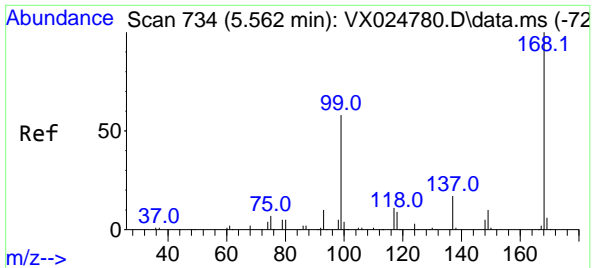
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 P287-DITCH

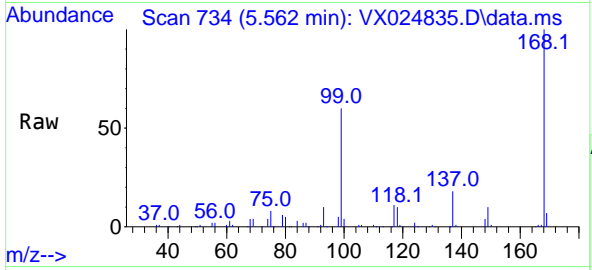
Quant Time: Oct 18 01:44:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101321W.M  
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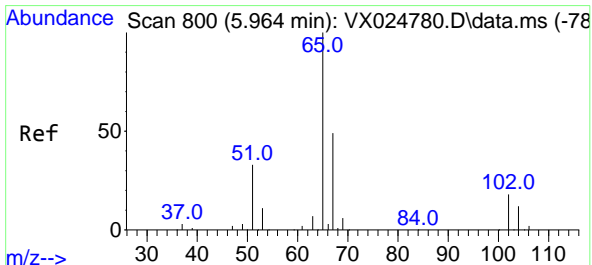
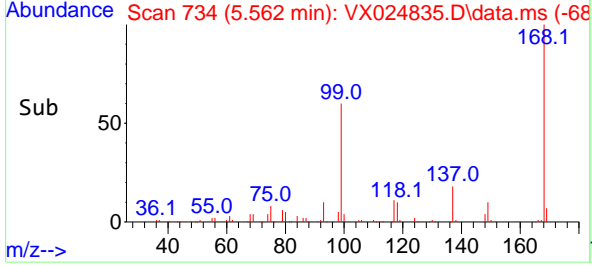
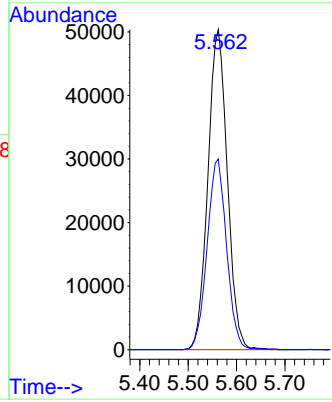


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.562 min Scan# 734  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08

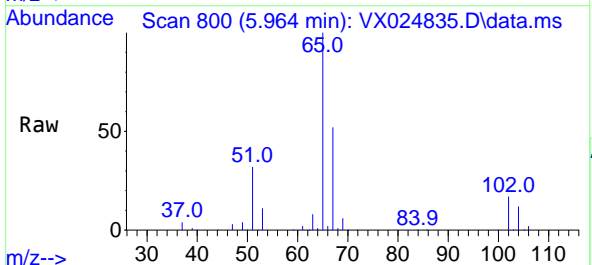
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 P287-DITCH



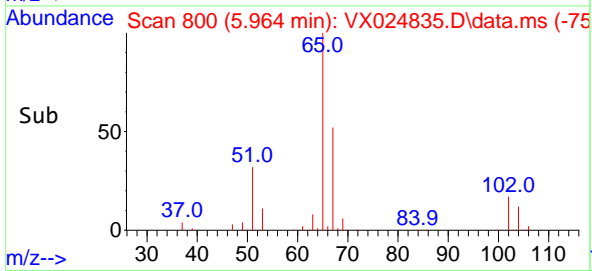
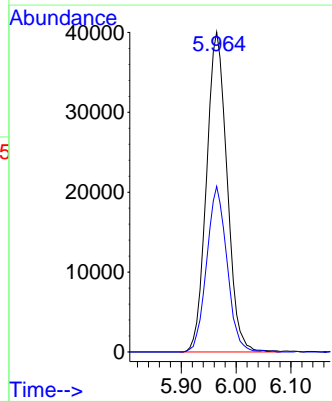
Tgt Ion:168 Resp: 140445  
 Ion Ratio Lower Upper  
 168 100  
 99 59.6 46.4 69.6

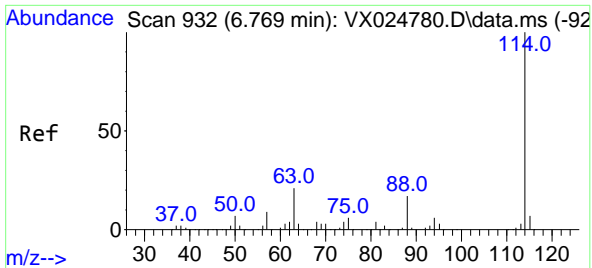


#33  
 1,2-Dichloroethane-d4  
 Concen: 60.361 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08



Tgt Ion: 65 Resp: 104195  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 101.0



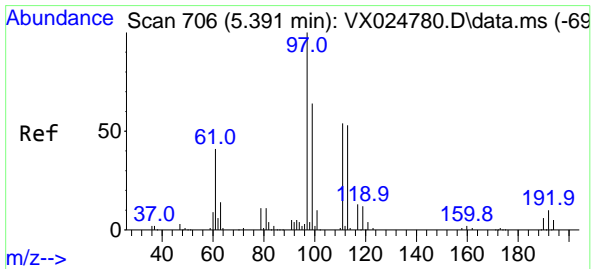
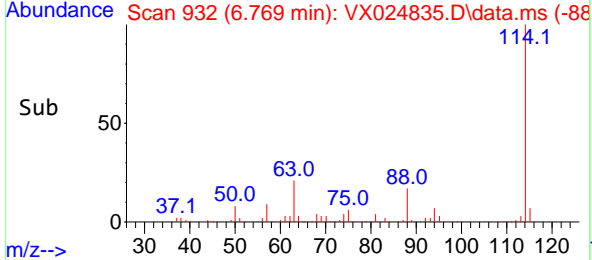
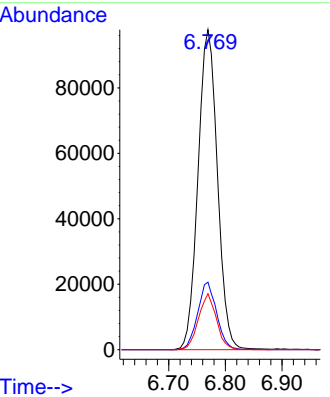
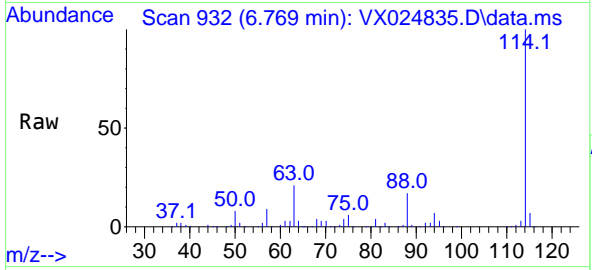


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 P287-DITCH

Tgt Ion:114 Resp: 232523

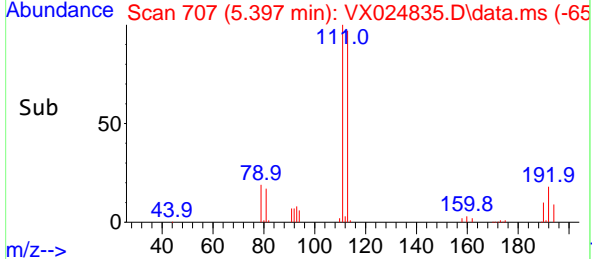
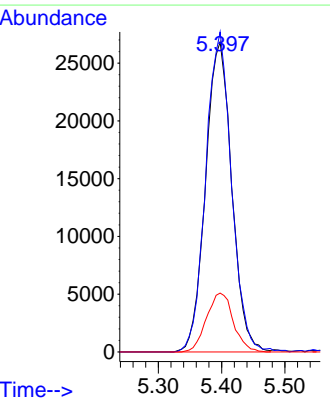
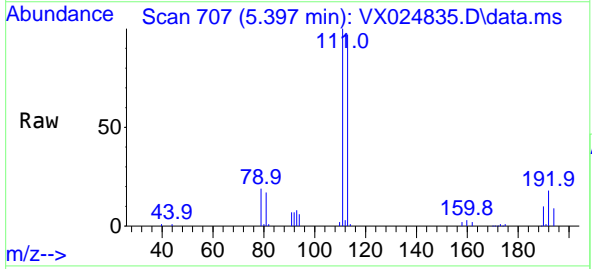
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.0
88	17.5	0.0	34.8

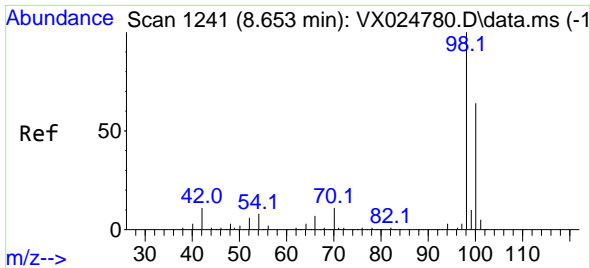


#35  
 Dibromofluoromethane  
 Concen: 55.665 ug/l  
 RT: 5.397 min Scan# 707  
 Delta R.T. 0.006 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08

Tgt Ion:113 Resp: 77054

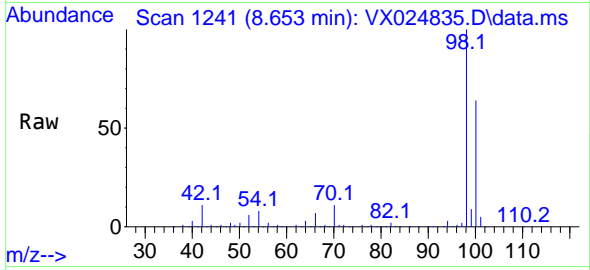
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	19.4	15.6	23.4



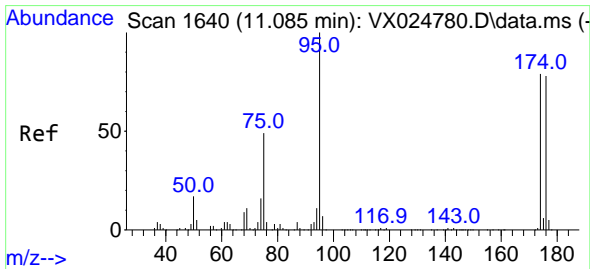
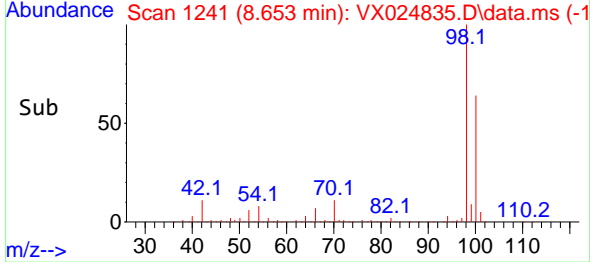
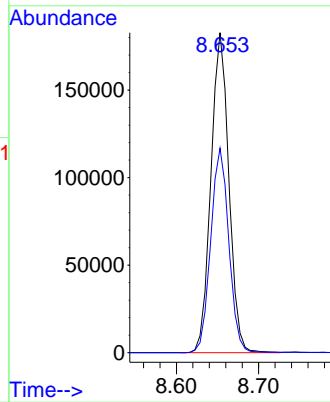


#50  
 Toluene-d8  
 Concen: 54.212 ug/l  
 RT: 8.653 min Scan# 1241  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08

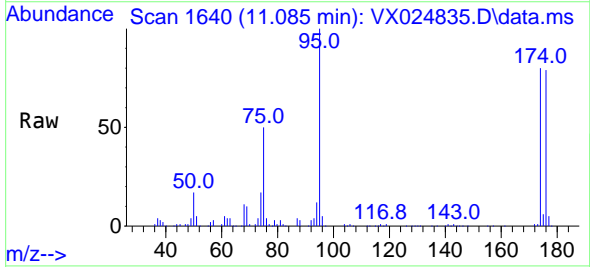
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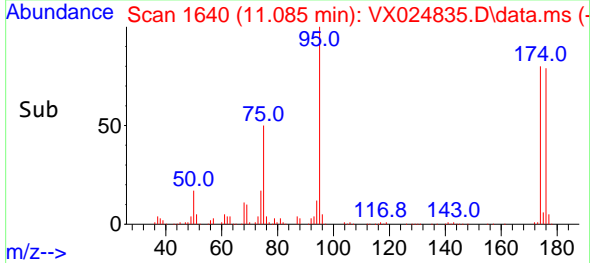
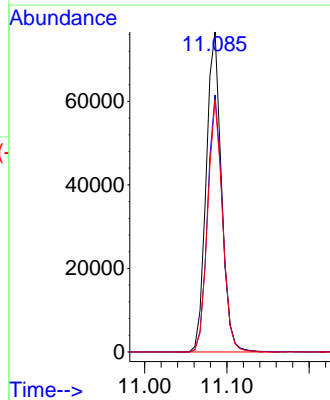
Tgt Ion: 98 Resp: 277587  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.4 77.0

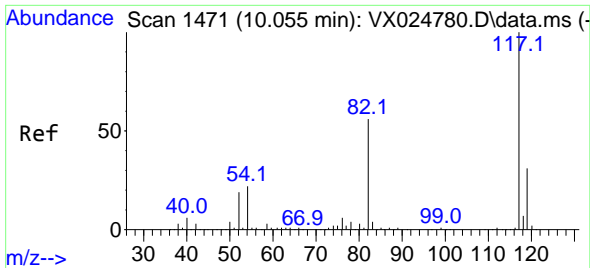


#62  
 4-Bromofluorobenzene  
 Concen: 48.790 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08



Tgt Ion: 95 Resp: 98256  
 Ion Ratio Lower Upper  
 95 100  
 174 79.1 0.0 158.0  
 176 76.9 0.0 153.6



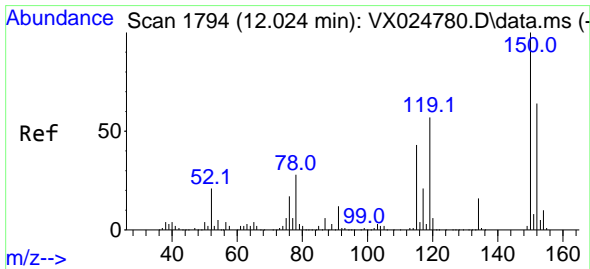
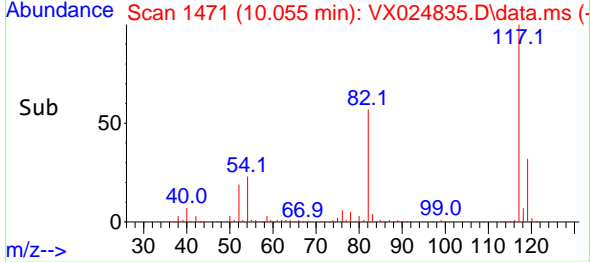
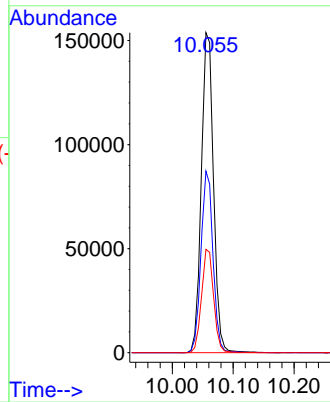
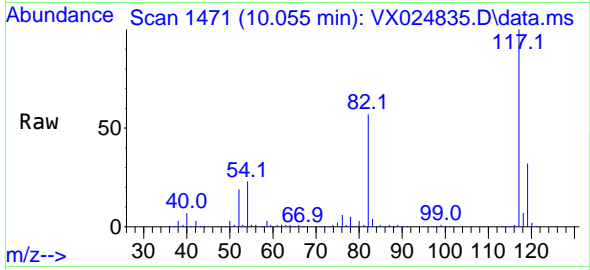


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 P287-DITCH

Tgt Ion:117 Resp: 213276

Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	67.0
119	32.3	24.8	37.2



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX024835.D  
 Acq: 15 Oct 2021 18:08

Tgt Ion:152 Resp: 94551

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.3	129.8
150	156.5	0.0	351.2

