

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121720\
 Data File : VX020074.D
 Acq On : 16 Dec 2020 18:40
 Operator : JC/MD
 Sample : L5085-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-TB-121120

Quant Time: Dec 17 00:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	302584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	502406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	466097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	206971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	196842	49.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.00%
35) Dibromofluoromethane	5.465	113	157104	48.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.76%
50) Toluene-d8	8.696	98	616507	49.73	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.46%
62) 4-Bromofluorobenzene	11.116	95	218358	46.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.56%

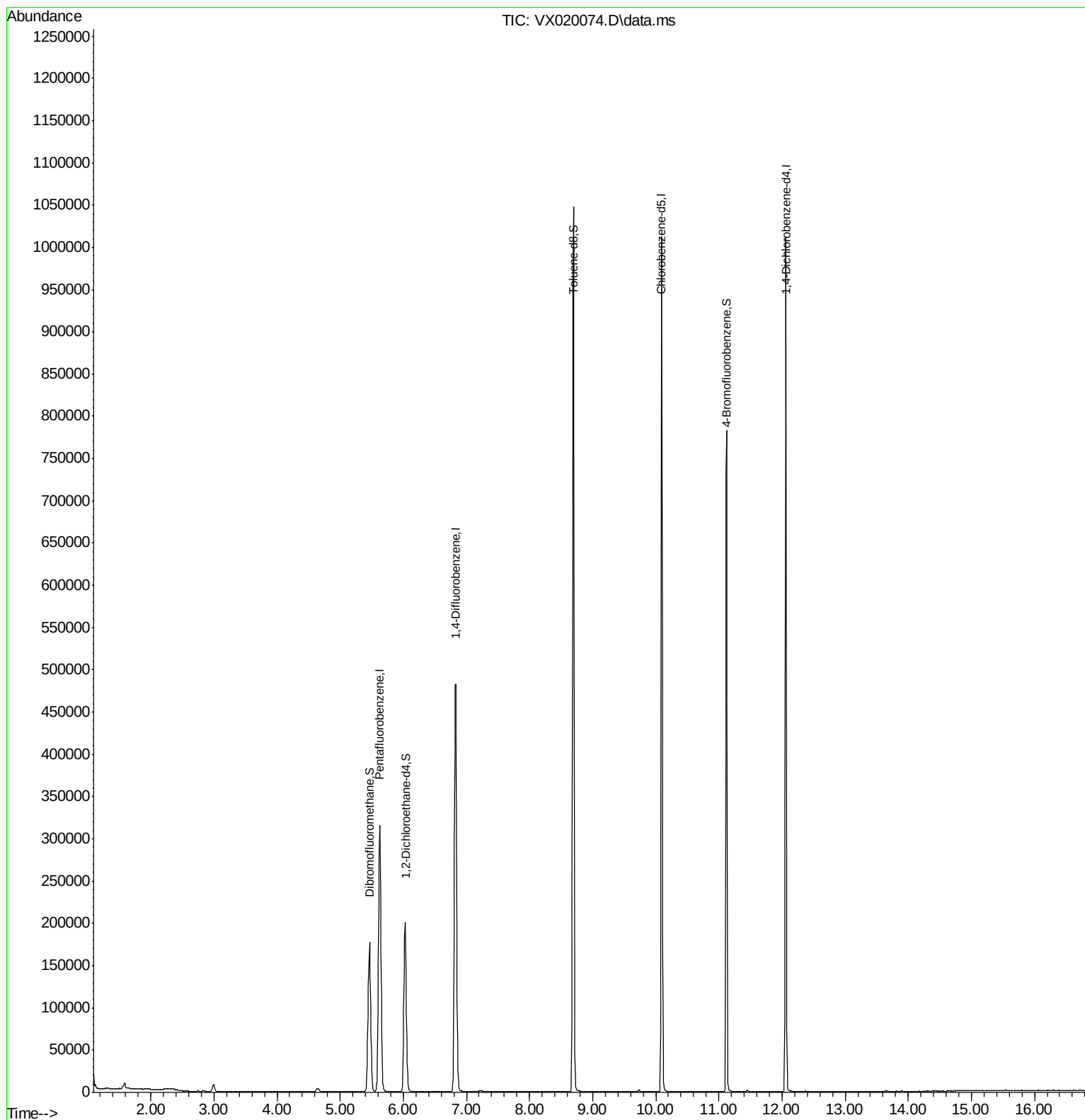
Target Compounds Qvalue

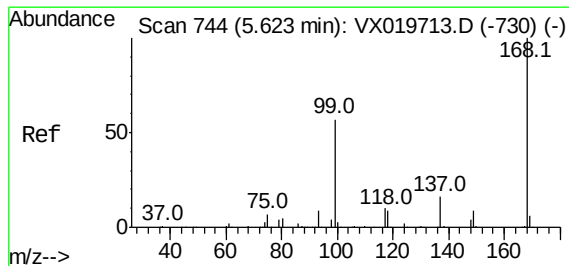
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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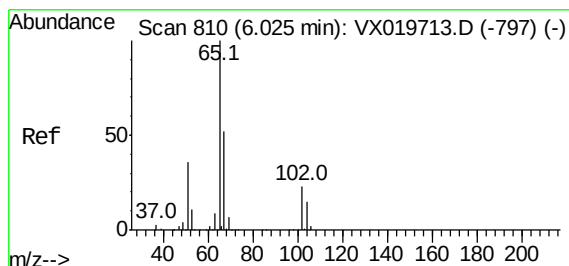
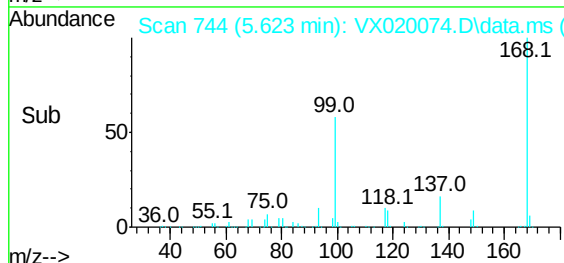
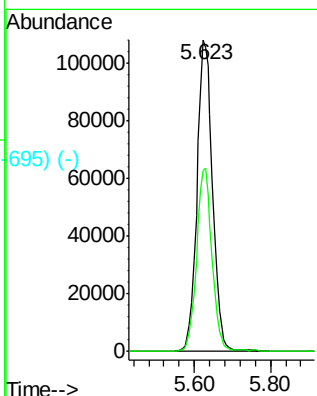
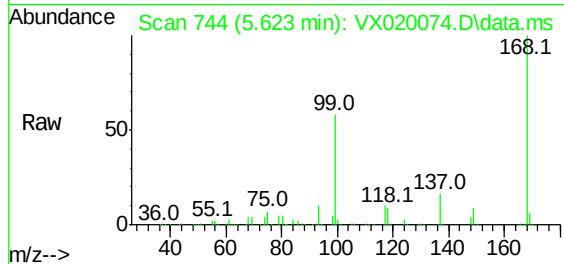




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX020074.D
Acq: 16 Dec 2020 18:40

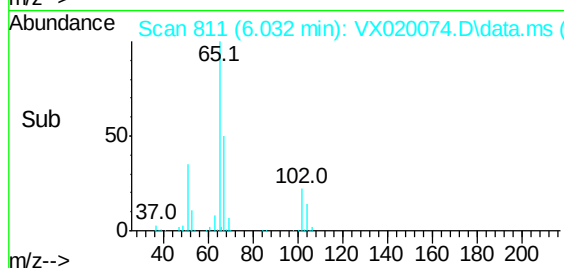
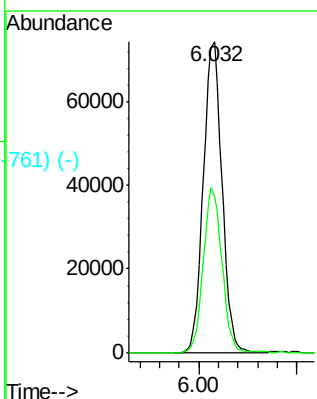
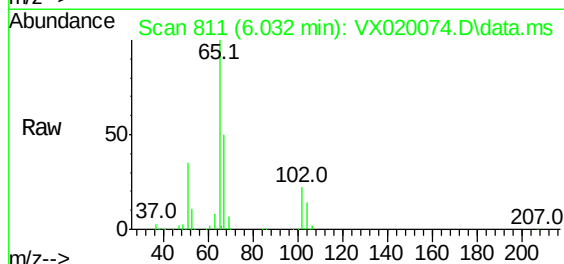
Instrument :
MSVOA_X
ClientSampleId :
TU032-TB-121120

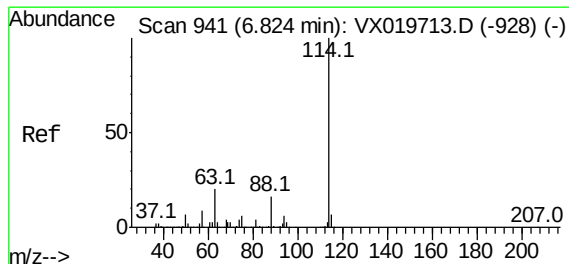
Tgt Ion:168 Resp: 302584
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 49.50 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020074.D
Acq: 16 Dec 2020 18:40

Tgt Ion: 65 Resp: 196842
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

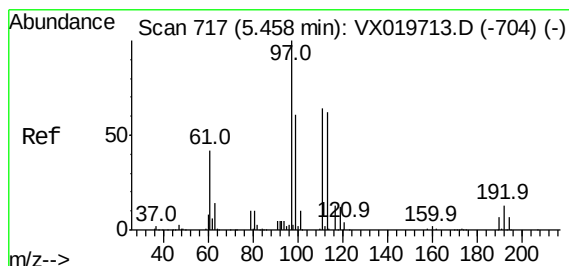
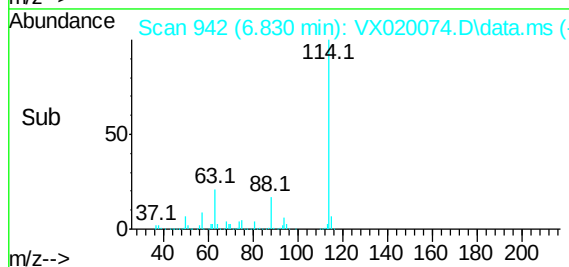
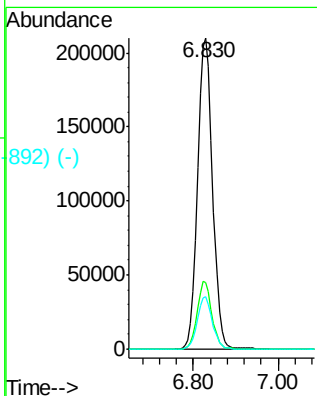
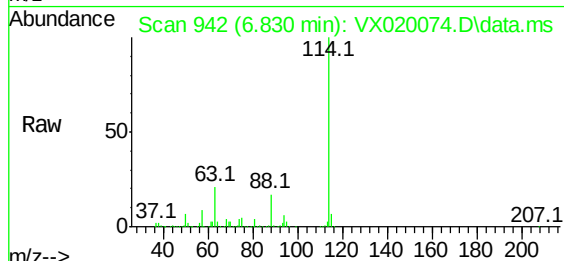




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020074.D
Acq: 16 Dec 2020 18:40

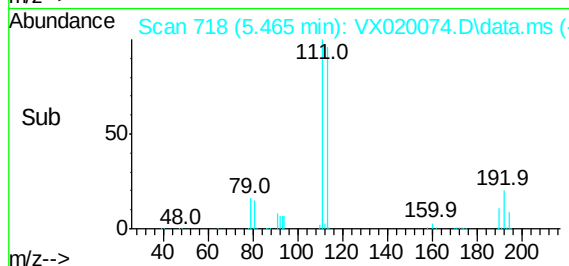
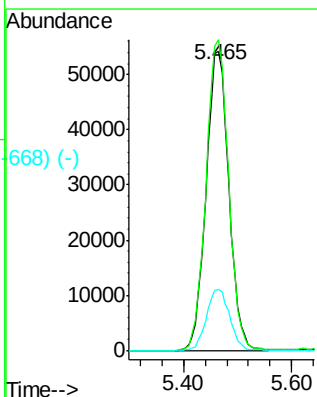
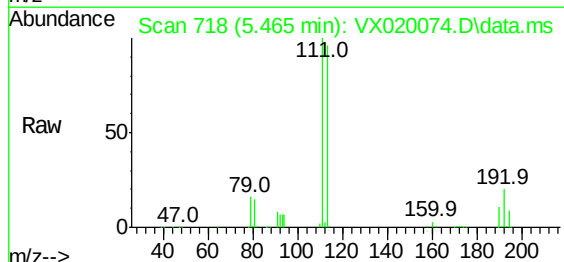
Instrument :
MSVOA_X
ClientSampleId :
TU032-TB-121120

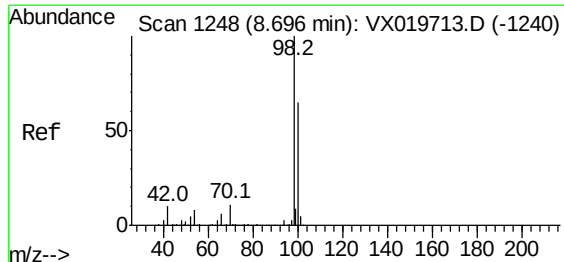
Tgt Ion:	114	Resp:	502406
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	40.8
88	16.7	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020074.D
Acq: 16 Dec 2020 18:40

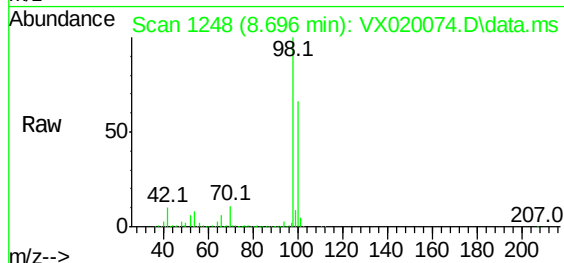
Tgt Ion:	113	Resp:	157104
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.9	122.9
192	20.8	16.7	25.1



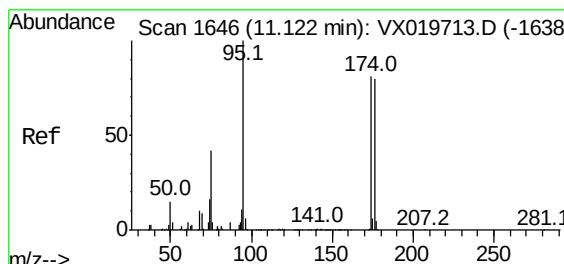
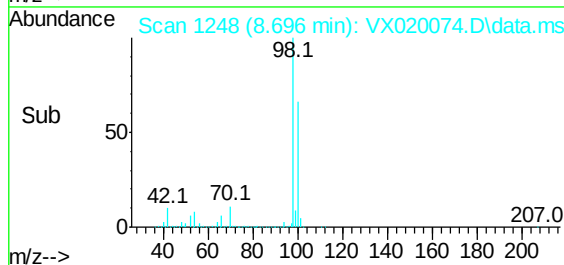
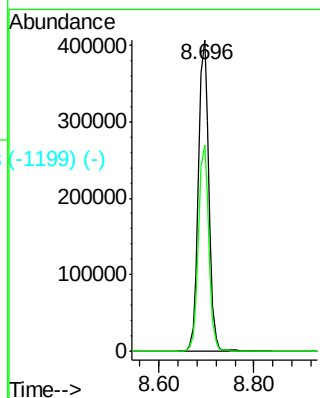


Scan 1248 (8.696 min): VX019713.D (-1240) (-#50)
 ToLuene-d8
 Concen: 49.73 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.000 min
 Lab File: VX020074.D
 Acq: 16 Dec 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-TB-121120

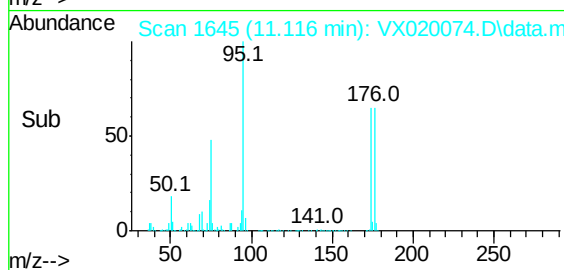
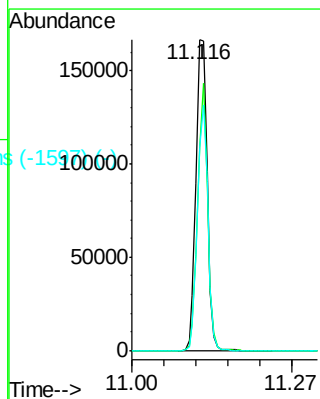
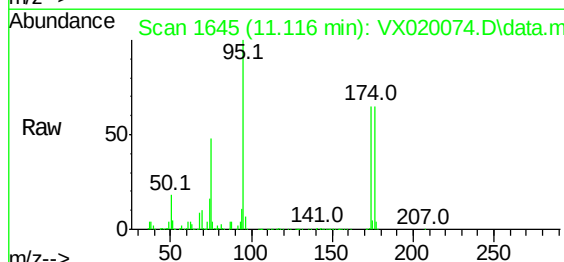


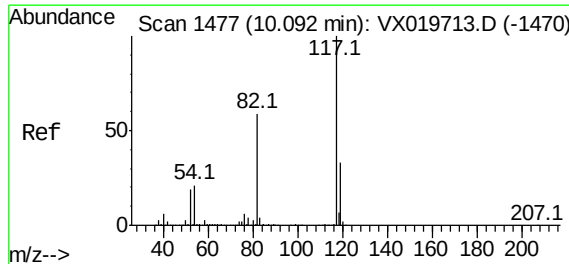
Tgt Ion: 98 Resp: 616507
 Ion Ratio Lower Upper
 98 100
 100 65.9 51.9 77.9



Scan 1646 (11.122 min): VX019713.D (-1638) (#62)
 4-Bromofluorobenzene
 Concen: 46.28 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.006 min
 Lab File: VX020074.D
 Acq: 16 Dec 2020 18:40

Tgt Ion: 95 Resp: 218358
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 154.6
 176 74.2 0.0 155.8

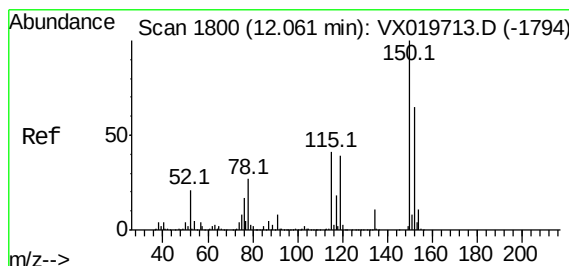
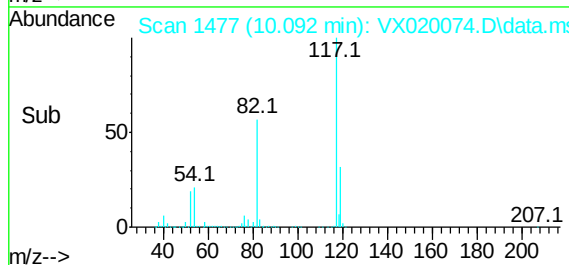
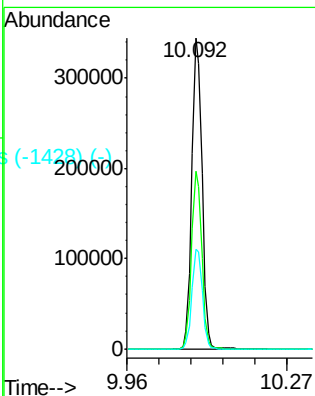
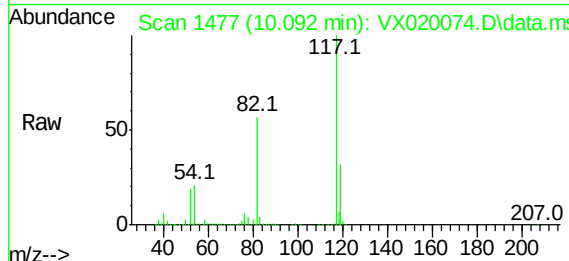




(#63)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX020074.D
Acq: 16 Dec 2020 18:40

Instrument :
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Tgt Ion:	117	Resp:	466097
Ion Ratio	Lower	Upper	
117	100		
82	57.1	47.4	71.2
119	31.9	26.6	39.8



(#72)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VX020074.D
Acq: 16 Dec 2020 18:40

Tgt Ion:	152	Resp:	206971
Ion Ratio	Lower	Upper	
152	100		
115	59.0	41.1	123.3
150	154.3	0.0	349.0

