

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121720\
 Data File : VX020081.D
 Acq On : 16 Dec 2020 21:23
 Operator : JC/MD
 Sample : L5085-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-571-121120

Quant Time: Dec 17 00:31:37 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)

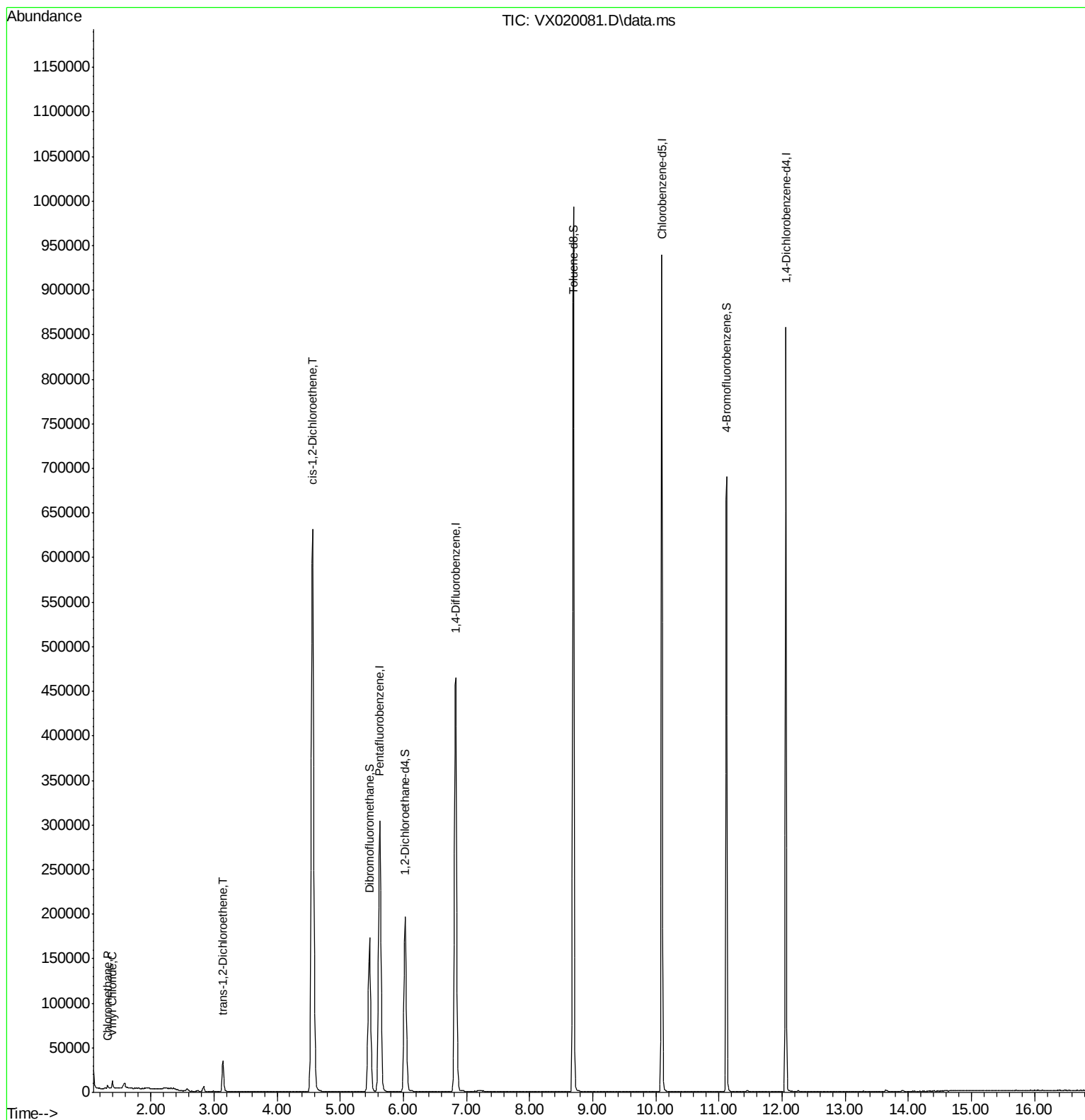
Internal Standards						
1) Pentafluorobenzene	5.629	168	290071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	479547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	438514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	172294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186451	48.91	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.82%	
35) Dibromofluoromethane	5.464	113	151012	48.73	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.46%	
50) Toluene-d8	8.696	98	575189	48.61	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.122	95	196408	43.61	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	87.22%	
Target Compounds						
3) Chloromethane	1.313	50	1773	0.57	ug/l	92
4) Vinyl Chloride	1.392	62	4490	1.36	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	14604	4.71	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	411874	113.59	ug/l	90

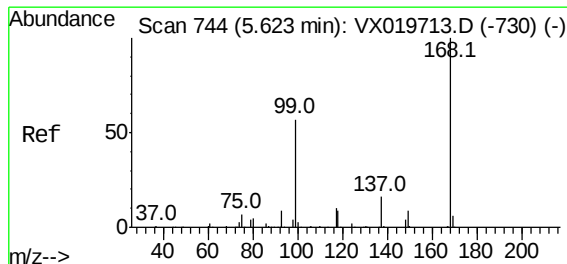
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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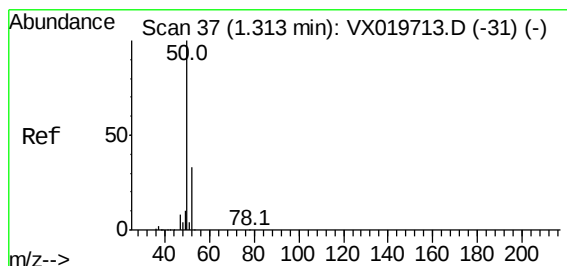
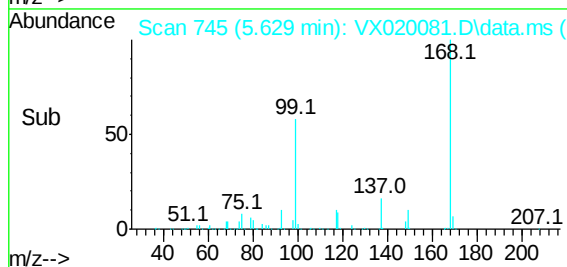
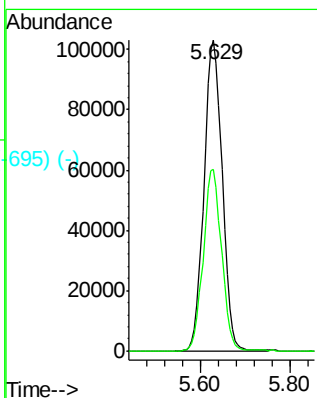
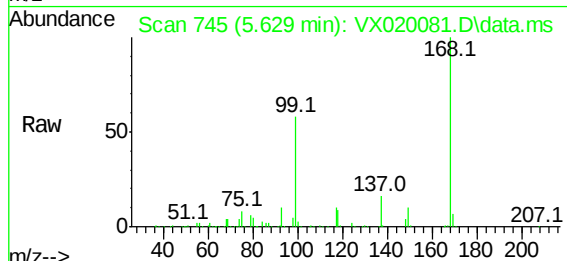




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

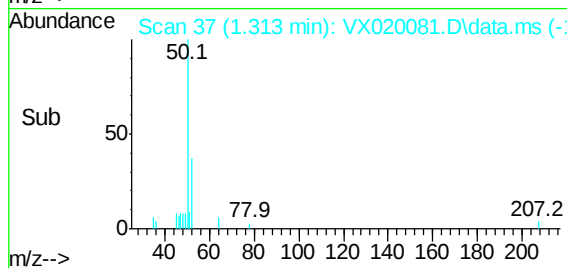
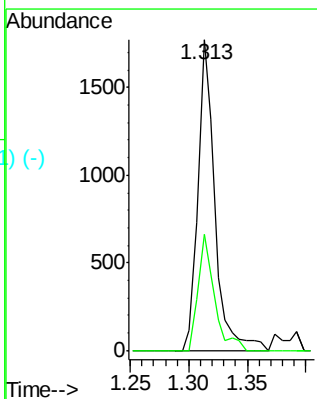
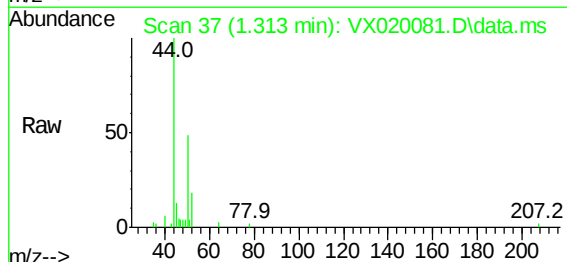
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

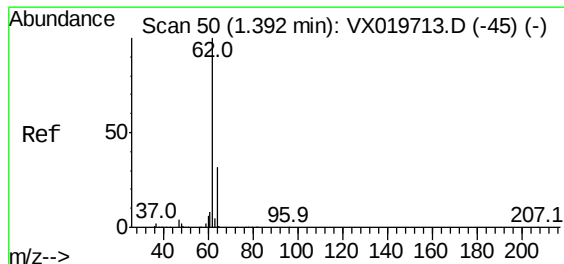
Tgt Ion:168 Resp: 290071
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#3
Chloromethane
Concen: 0.57 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion: 50 Resp: 1773
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6

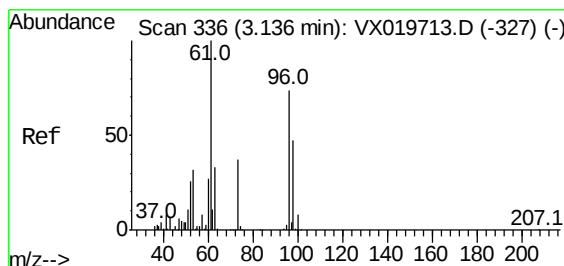
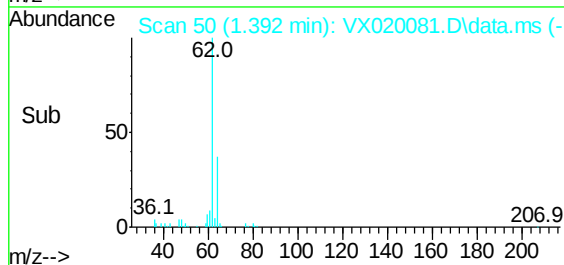
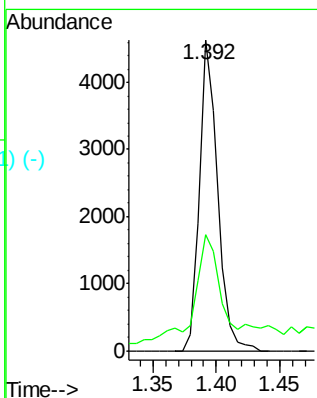
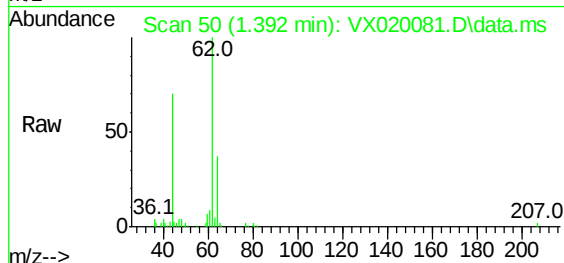




#4
 Vinyl Chloride
 Concen: 1.36 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020081.D
 Acq: 16 Dec 2020 21:23

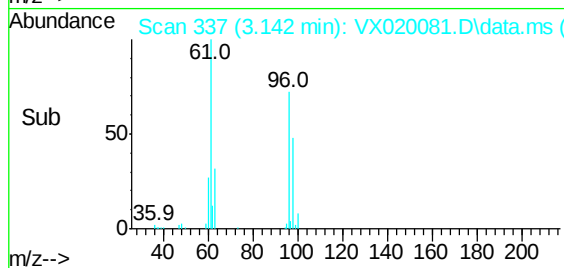
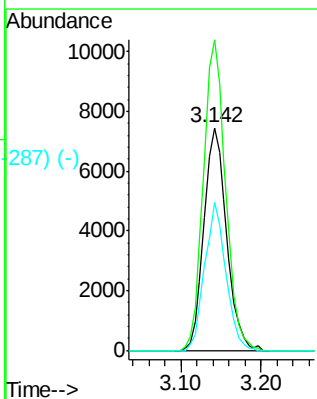
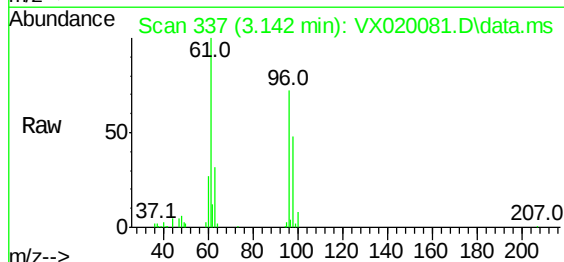
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-571-121120

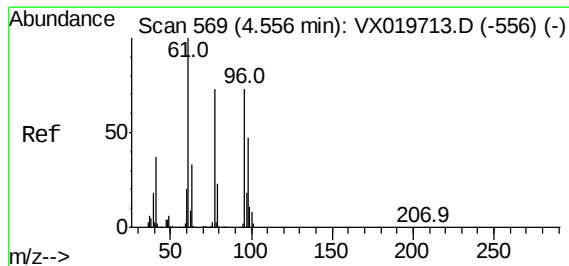
Tgt Ion: 62 Resp: 4490
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.7 38.5



#21
 trans-1,2-Dichloroethene
 Concen: 4.71 ug/l
 RT: 3.142 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VX020081.D
 Acq: 16 Dec 2020 21:23

Tgt Ion: 96 Resp: 14604
 Ion Ratio Lower Upper
 96 100
 61 139.5 107.7 161.5
 98 66.4 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 113.59 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

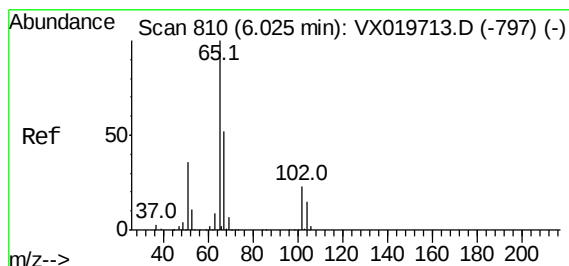
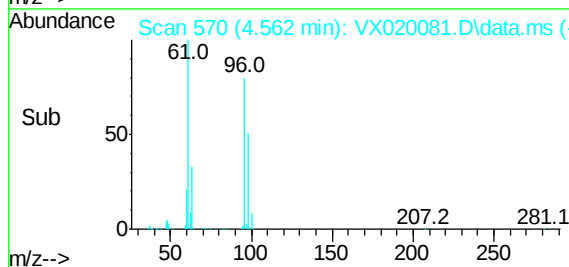
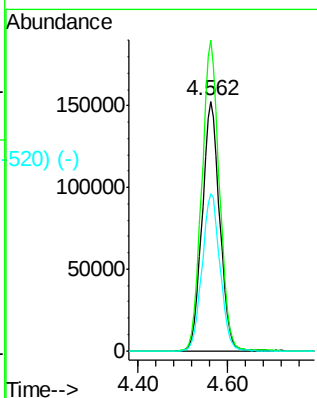
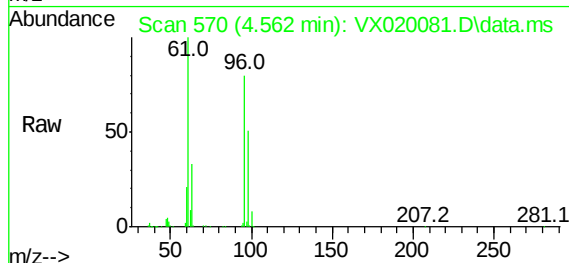
Tgt Ion: 96 Resp: 411874

Ion Ratio Lower Upper

96 100

61 125.2 0.0 285.6

98 64.5 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 48.91 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020081.D

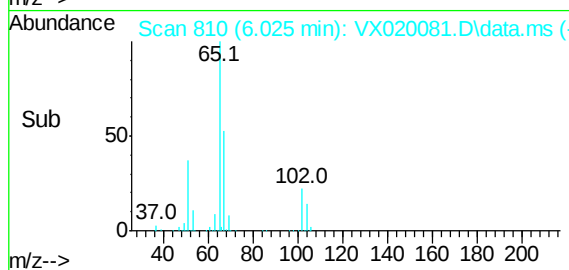
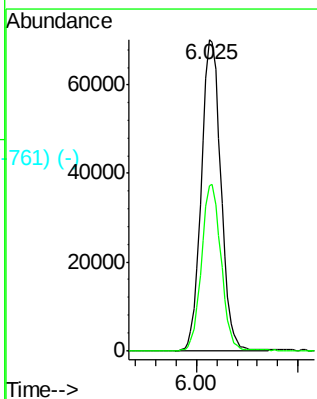
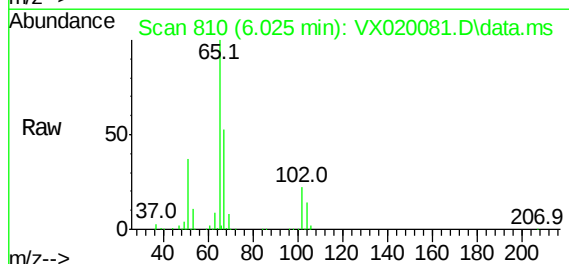
Acq: 16 Dec 2020 21:23

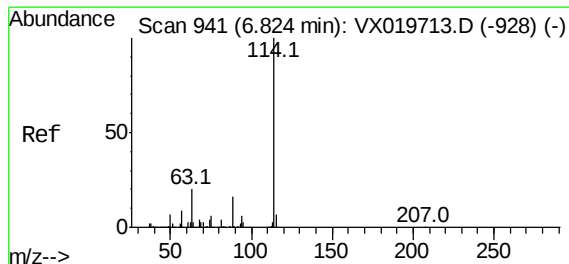
Tgt Ion: 65 Resp: 186451

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4

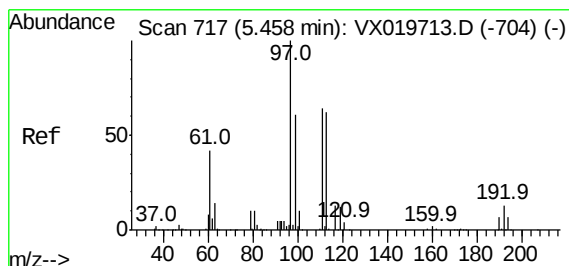
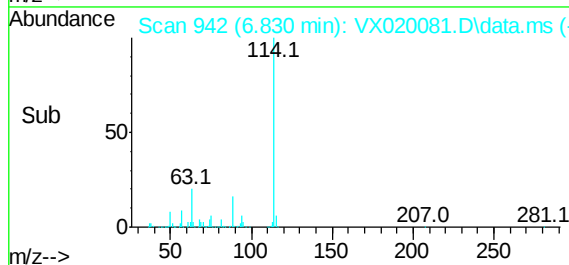
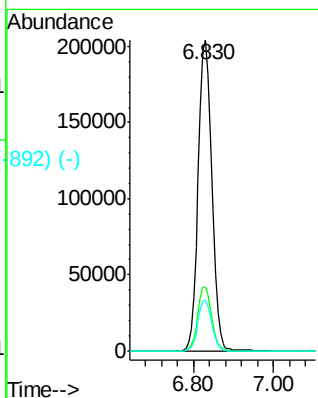
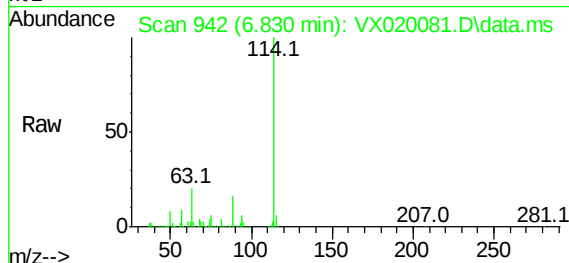




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

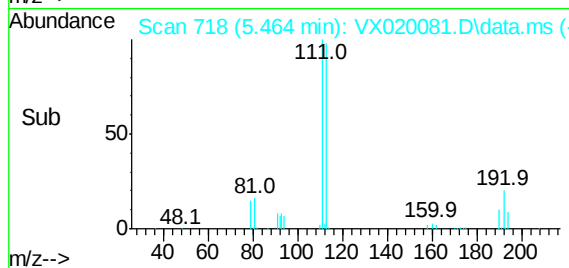
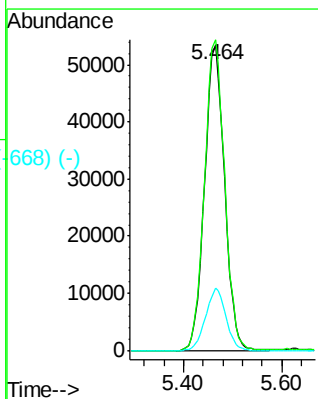
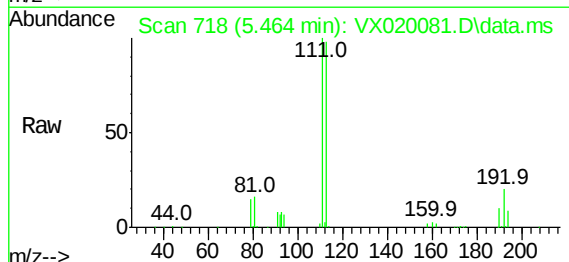
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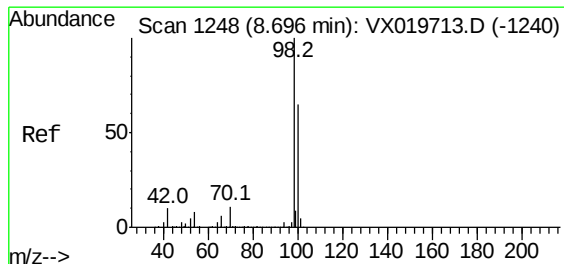
Tgt Ion:	114	Resp:	479547
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion:	113	Resp:	151012
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	20.5	16.7	25.1

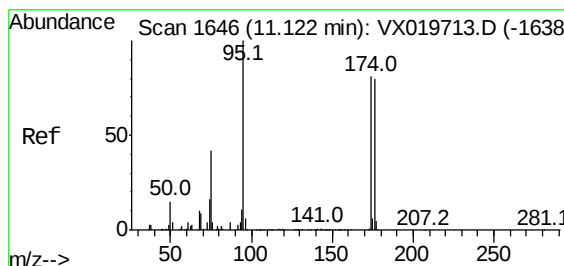
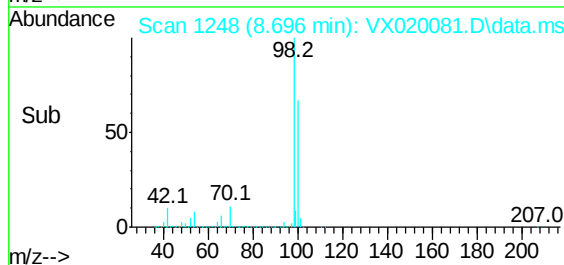
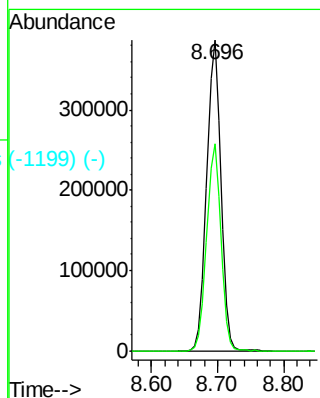
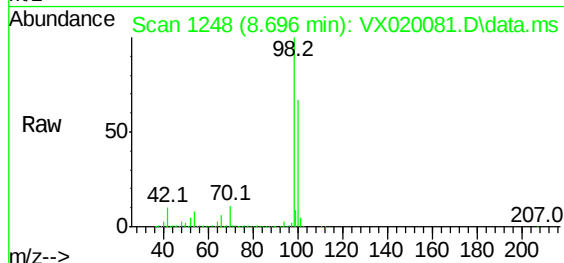




Toluene-d8
Concen: 48.61 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

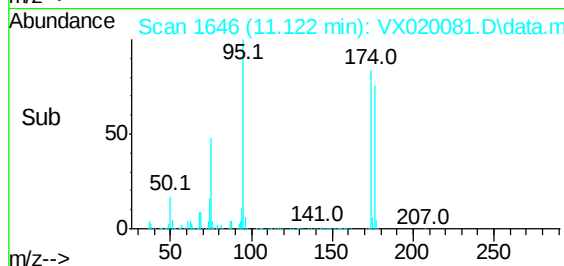
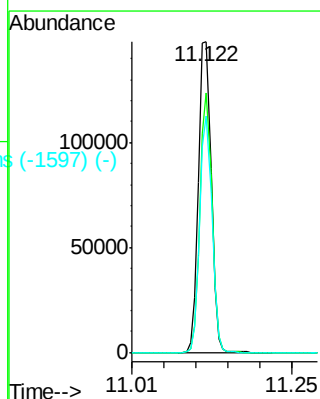
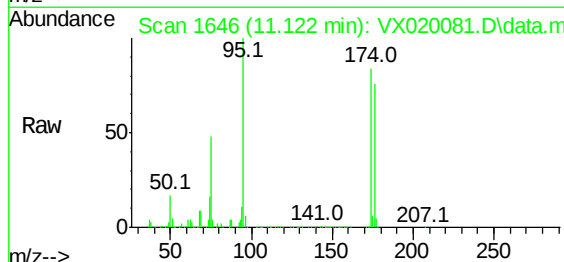
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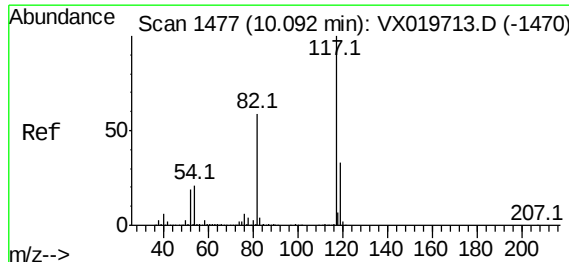
Tgt Ion: 98 Resp: 575189
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



4-Bromofluorobenzene
Concen: 43.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

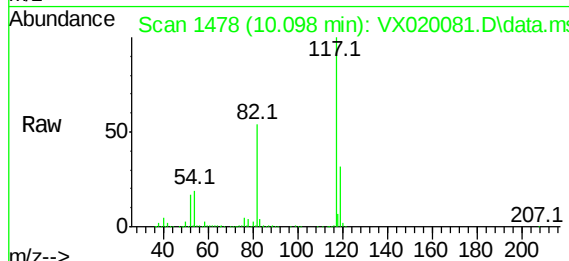
Tgt Ion: 95 Resp: 196408
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 72.8 0.0 155.8



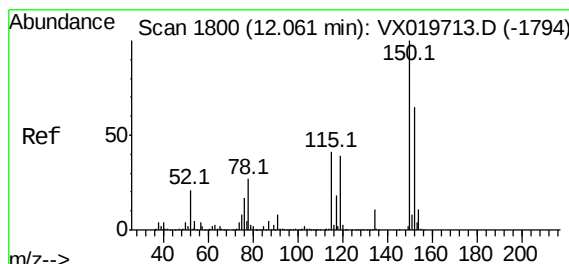
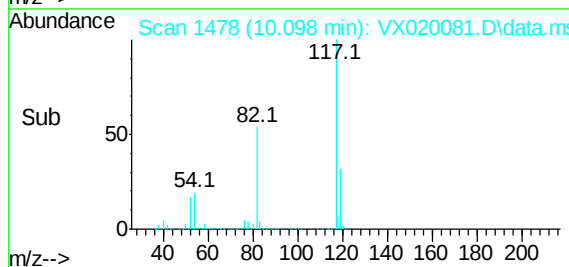
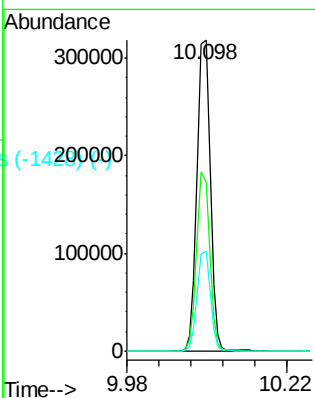


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	117	Resp:	438514
Ion Ratio	Lower	Upper	
117	100		
82	54.5	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: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion:	152	Resp:	172294
Ion Ratio	Lower	Upper	
152	100		
115	62.0	41.1	123.3
150	161.4	0.0	349.0

