

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112020\
 Data File : VX019477.D
 Acq On : 19 Nov 2020 19:41
 Operator : JC/MD
 Sample : L4820-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20201118

Quant Time: Dec 04 13:50:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49365	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	271837	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	243178	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	109066	30.74	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.47%
60) 4-Bromofluorobenzene	11.12	95	108274	27.30	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.00%
63) Toluene-d8	8.70	98	321795	29.69	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.97%

Target Compounds

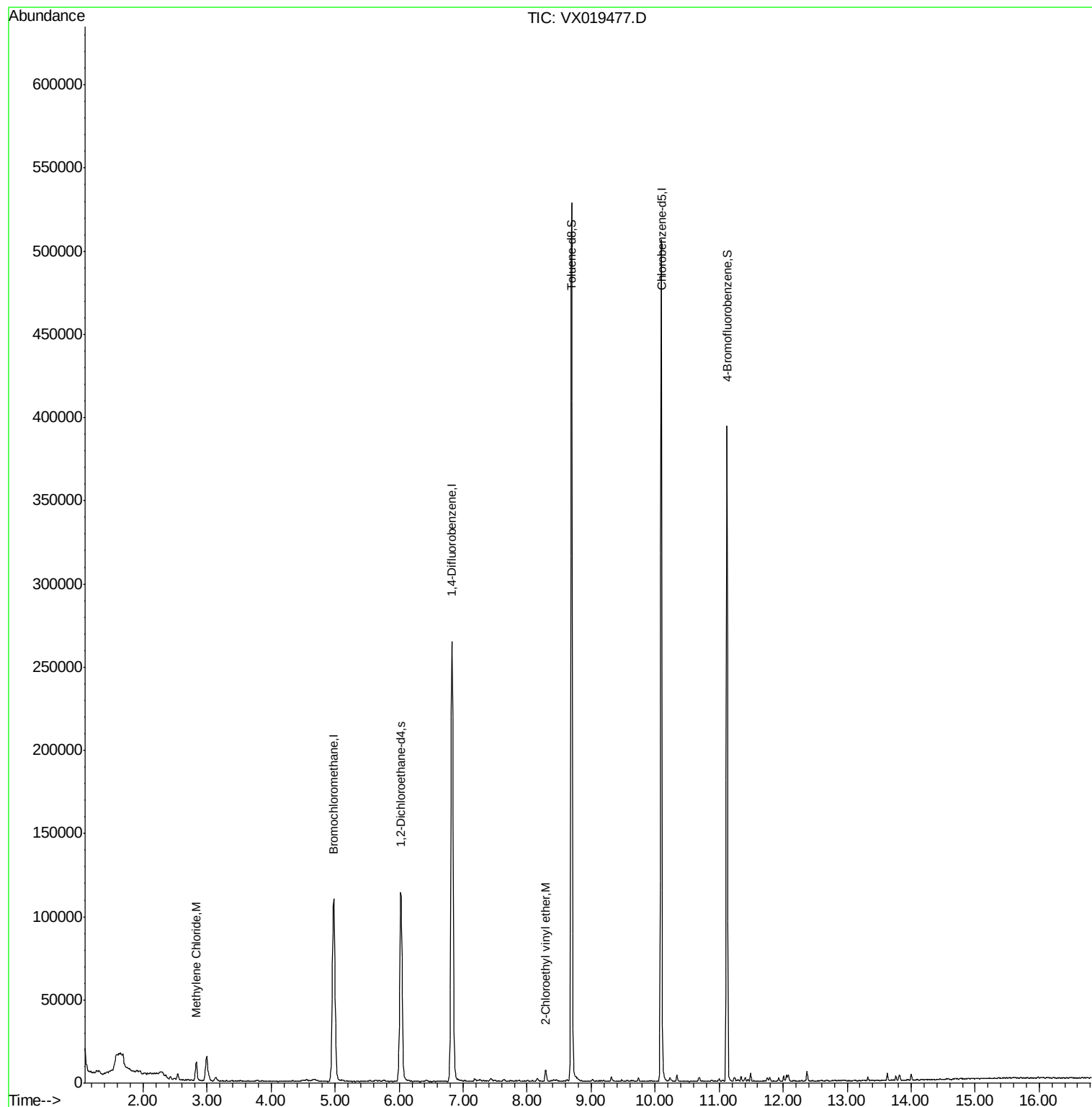
					Qvalue
18) Methylene Chloride	2.82	84	5361	1.622	ug/l 98
55) 2-Chloroethyl vinyl ether	8.29	63	2899	1.103	ug/l 95

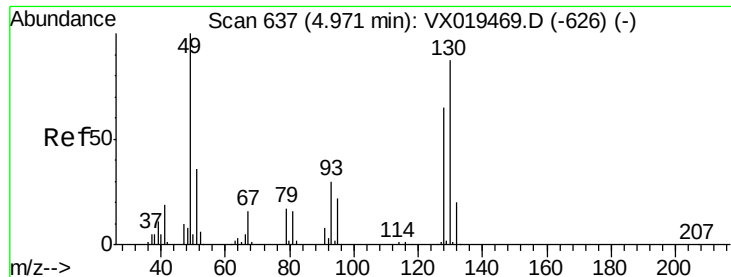
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019477.D

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ClientSampleId :

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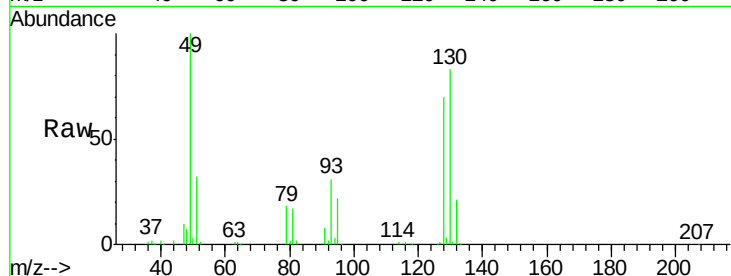
Tgt Ion:128 Resp: 49365

Ion Ratio Lower Upper

128 100

49 148.1 0.0 377.8

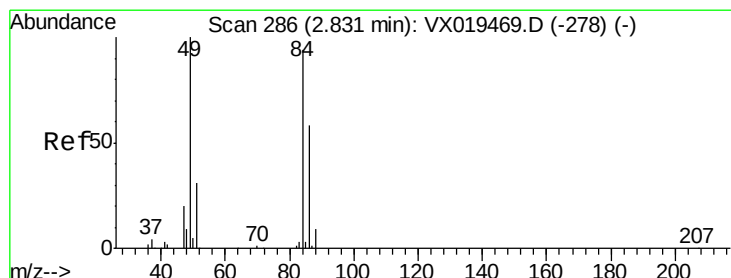
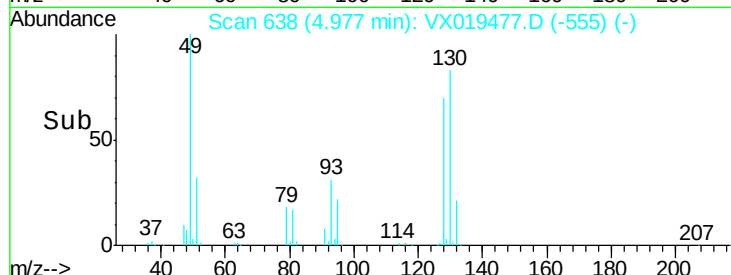
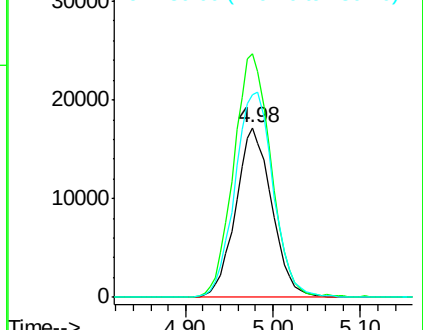
130 128.3 0.0 324.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#18

Methylene Chloride

Concen: 1.622 ug/l

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX019477.D

Acq: 19 Nov 2020 19:41

Tgt Ion: 84 Resp: 5361

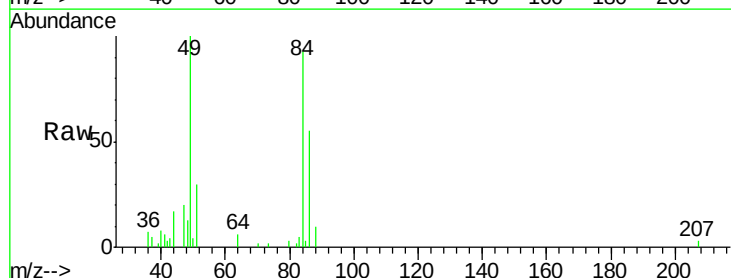
Ion Ratio Lower Upper

84 100

49 107.5 85.4 128.0

51 32.6 26.7 40.1

86 59.2 49.4 74.2

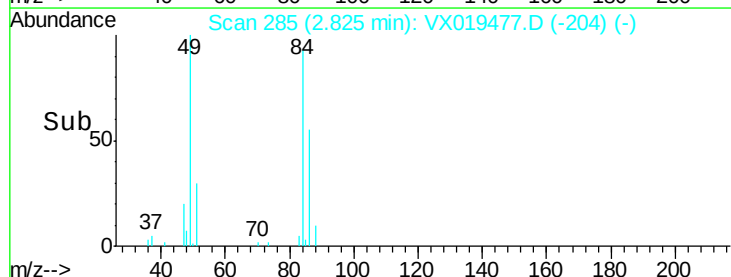
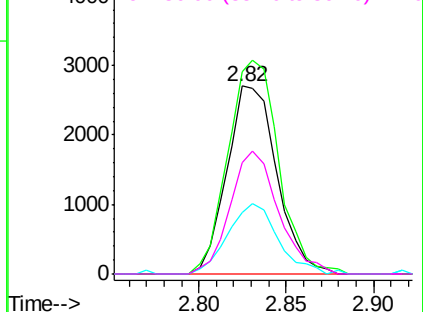


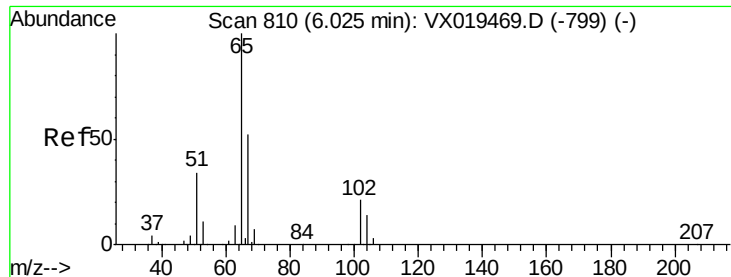
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

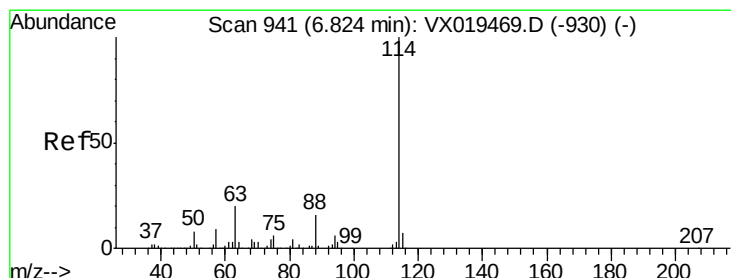
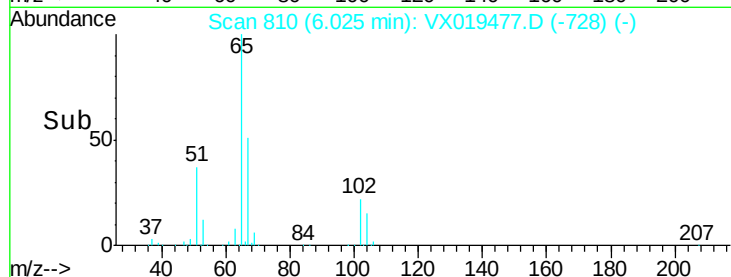
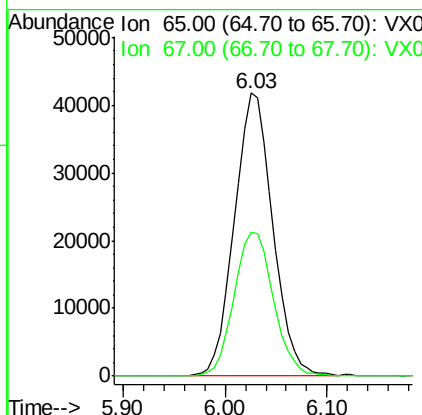
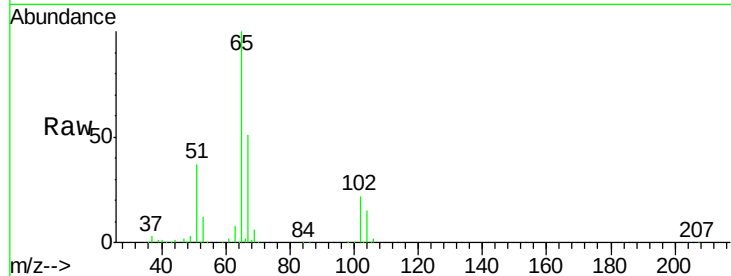




#27
 1,2-Dichloroethane-d4
 Concen: 30.741 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019477.D
 Acq: 19 Nov 2020 19:41

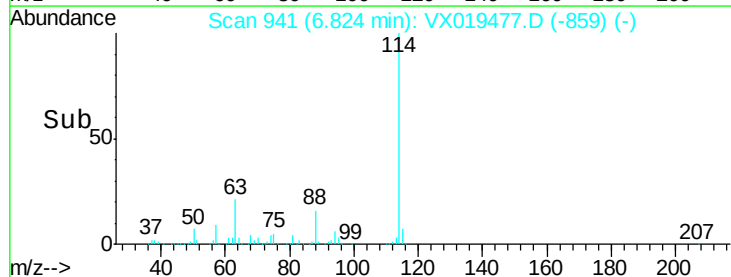
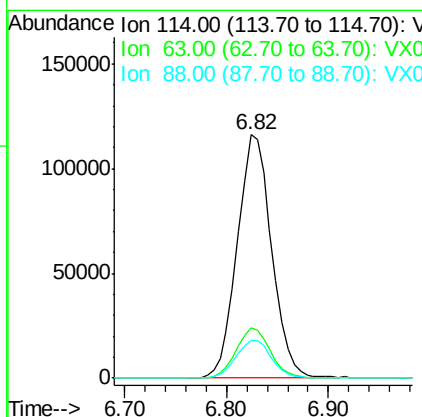
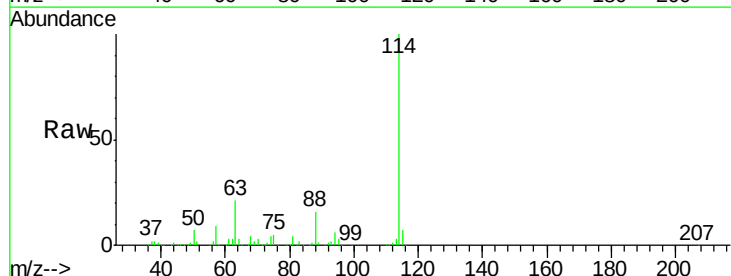
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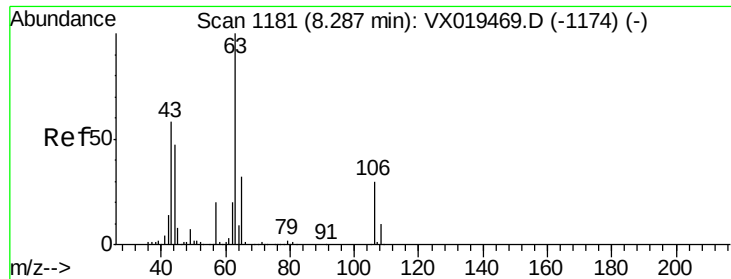
Tgt Ion: 65 Resp: 109066
 Ion Ratio Lower Upper
 65 100
 67 52.2 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019477.D
 Acq: 19 Nov 2020 19:41

Tgt Ion: 114 Resp: 271837
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.2 24.2
 88 15.9 12.9 19.3

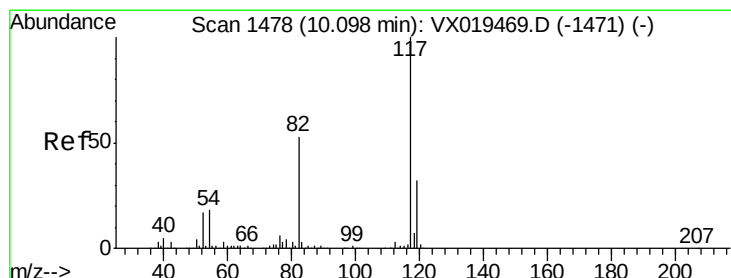
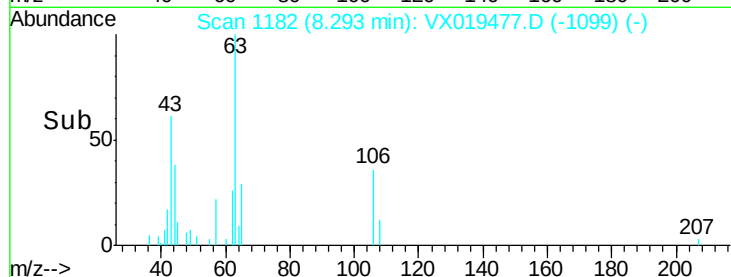
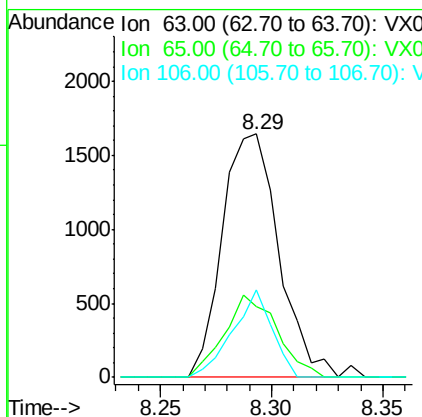
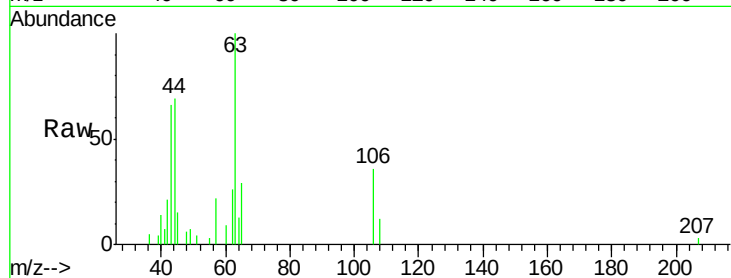




#55
 2-Chloroethyl vinyl ether
 Concen: 1.103 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019477.D
 Acq: 19 Nov 2020 19:41

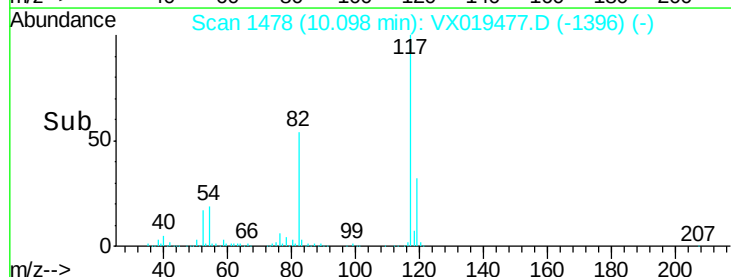
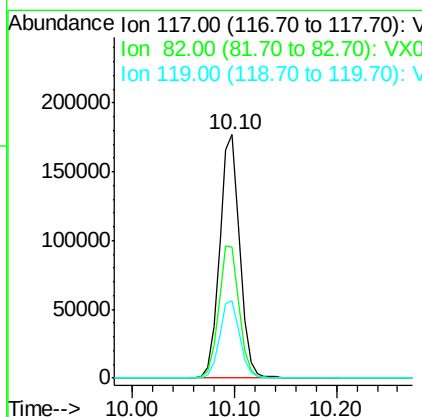
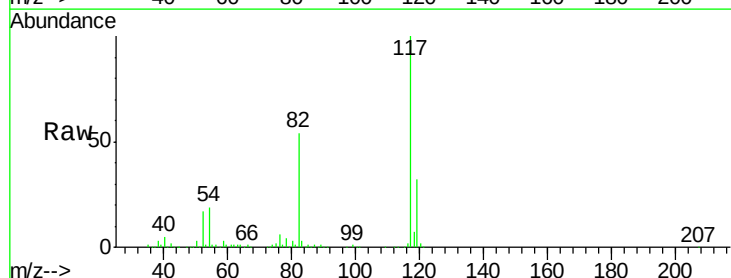
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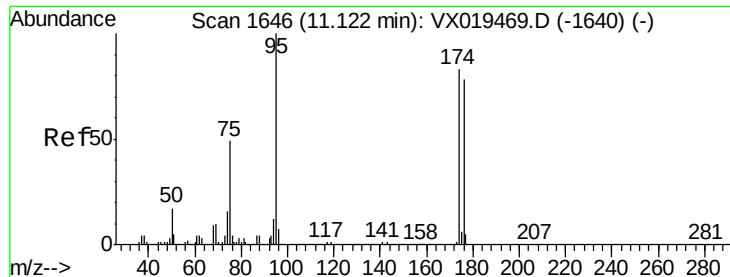
Tgt Ion: 63 Resp: 2899
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5
 106 25.0 24.2 36.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: VX019477.D
 Acq: 19 Nov 2020 19:41

Tgt Ion: 117 Resp: 243178
 Ion Ratio Lower Upper
 117 100
 82 55.8 44.5 66.7
 119 32.0 25.9 38.9

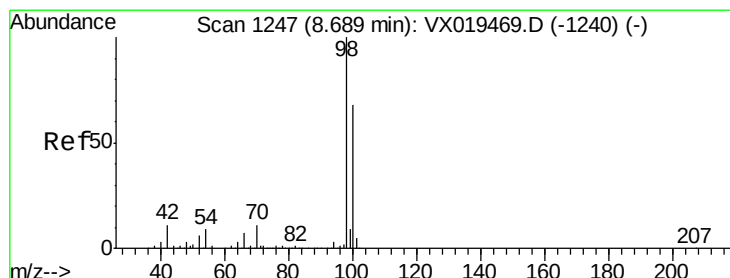
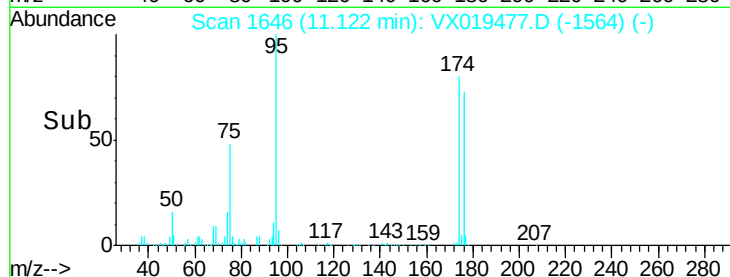
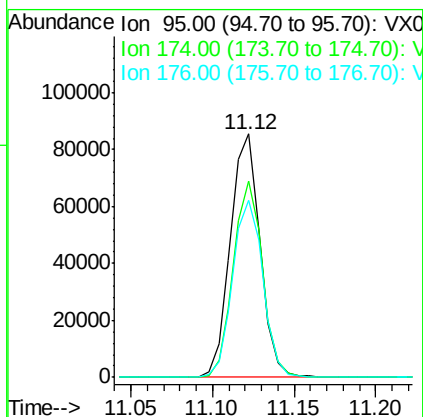
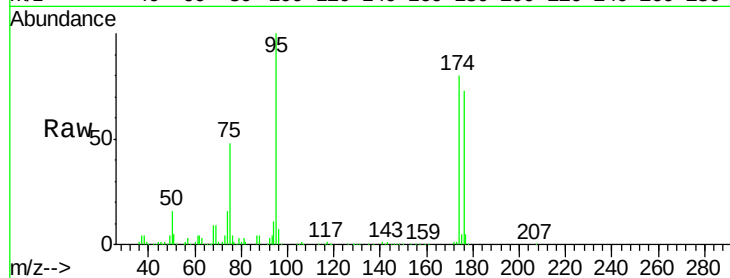




#60
4-Bromofluorobenzene
Concen: 27.301 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019477.D
Acq: 19 Nov 2020 19:41

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20201118

Tgt Ion: 95 Resp: 108274
Ion Ratio Lower Upper
95 100
174 79.4 63.5 95.3
176 74.3 59.8 89.6



#63
Toluene-d8
Concen: 29.687 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019477.D
Acq: 19 Nov 2020 19:41

Tgt Ion: 98 Resp: 321795
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

