

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014114.D
 Acq On : 19 Dec 2019 12:08
 Operator : JC/SP
 Sample : VX1219WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 00:58:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324679	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	306860	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	254116	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	1008989	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	330570	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

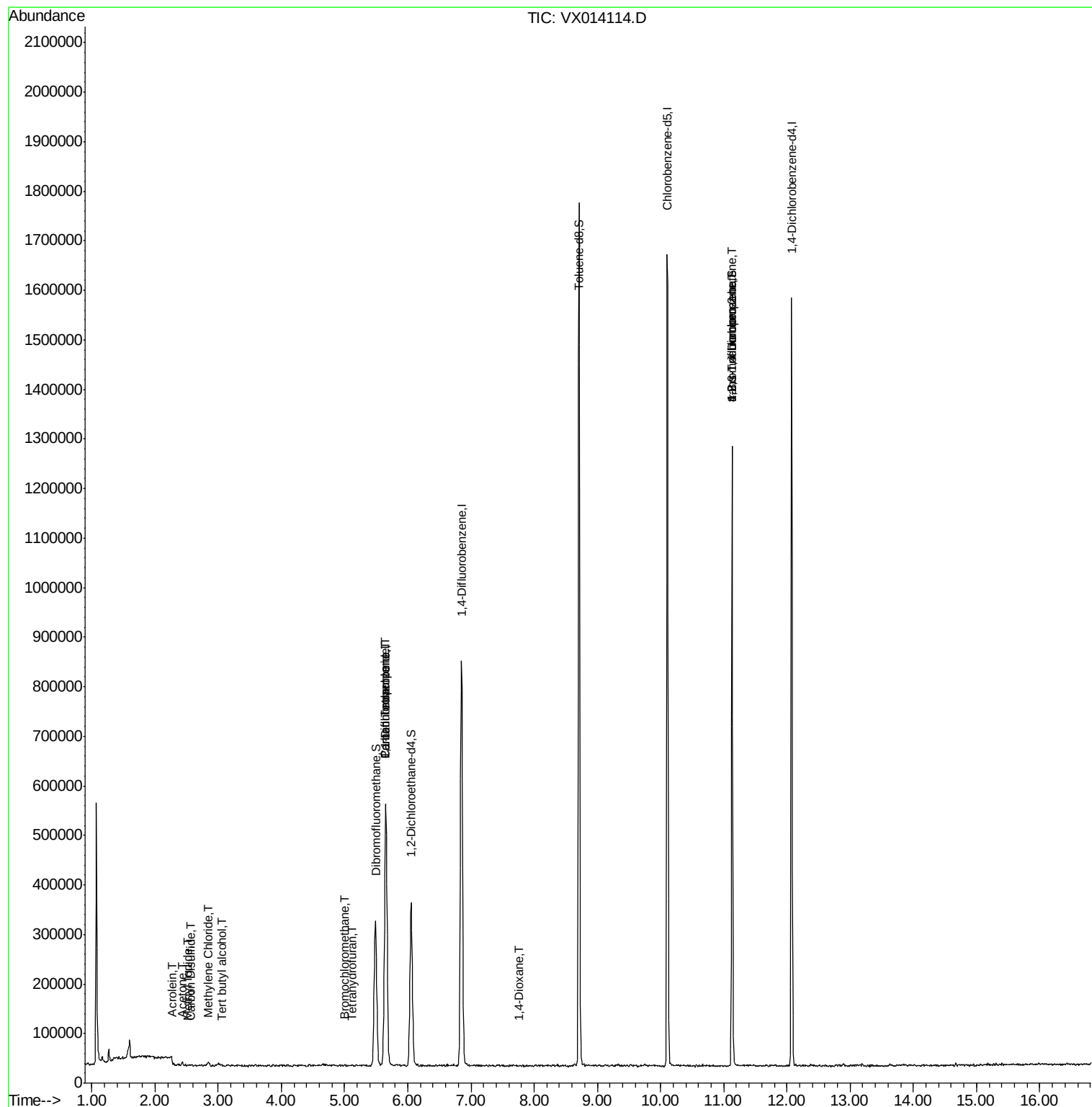
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1452	2.821	ug/l #	92
11) Tert butyl alcohol	3.06	59	482	0.357	ug/l #	1
13) Acrolein	2.28	56	197	0.255	ug/l #	1
16) Acetone	2.43	43	10149	2.503	ug/l	93
17) Carbon Disulfide	2.56	76	1914	0.878	ug/l #	90
20) Methylene Chloride	2.85	84	4275	0.669	ug/l	93
28) Bromochloromethane	5.00	49	226	0.509	ug/l #	89
29) Tetrahydrofuran	5.11	42	1321	0.472	ug/l #	64
36) 1,1-Dichloropropene	5.65	75	38557	4.970	ug/l #	41
38) Carbon Tetrachloride	5.65	117	49131	6.952	ug/l #	17
49) 1,4-Dioxane	7.75	88	120	0.849	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	164386	23.321	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	164386	65.825	ug/l #	12

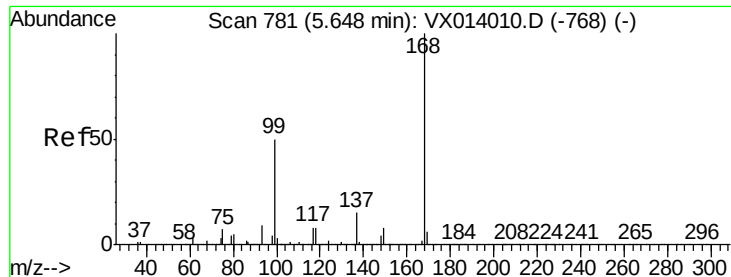
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

Instrument :

MSVOA_X

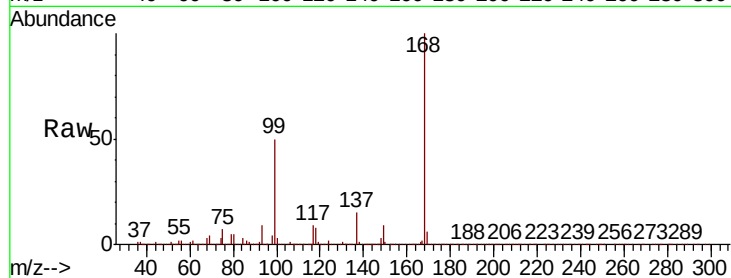
ClientSampled :

Tot Ion:168 Resp: 551171

Ion Ratio Lower Upper

168 100

99 49.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

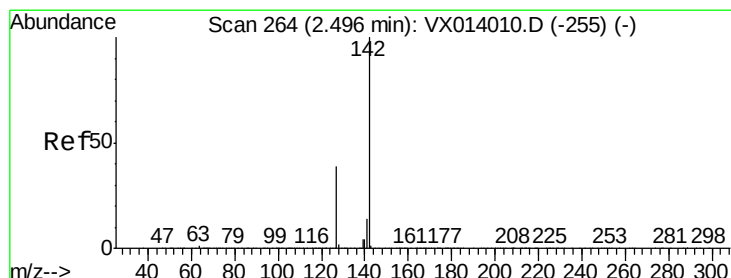
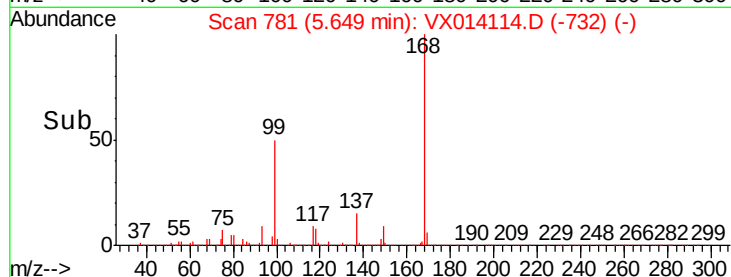
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 2.821 ug/l

RT: 2.52 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

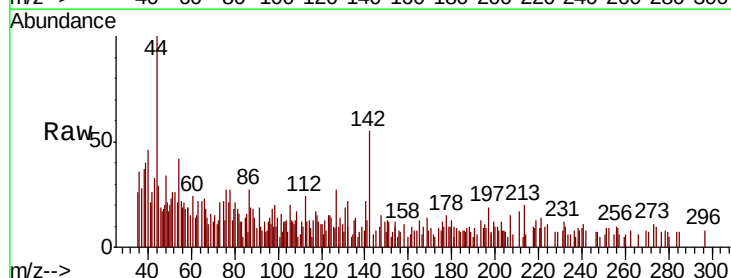
Tgt Ion:142 Resp: 1452

Ion Ratio Lower Upper

142 100

127 41.4 31.6 47.4

141 5.6 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

800

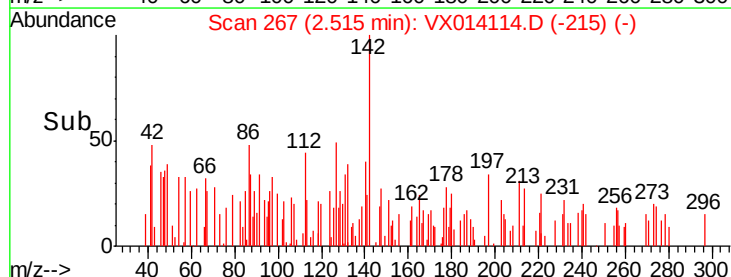
600

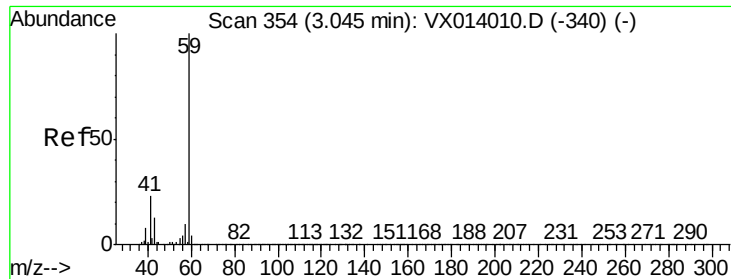
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200

0

Time-->



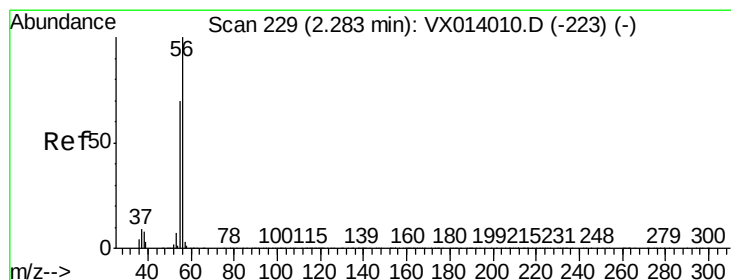
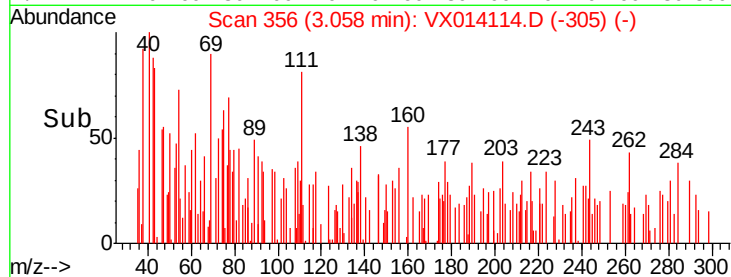
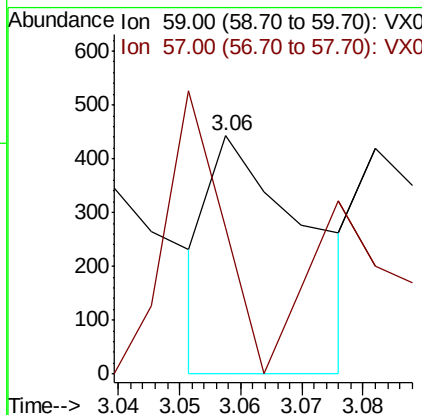
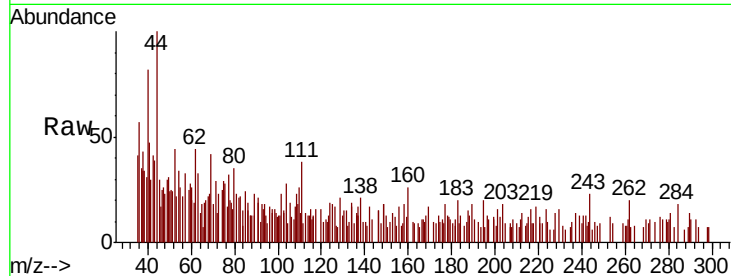


#11

Tert butyl alcohol
Concen: 0.357 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.01 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Instrument :
MSVOA_X
ClientSampled :

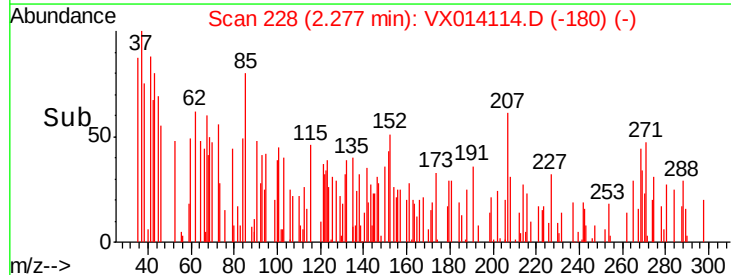
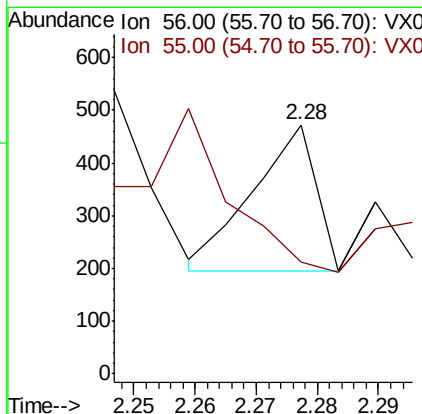
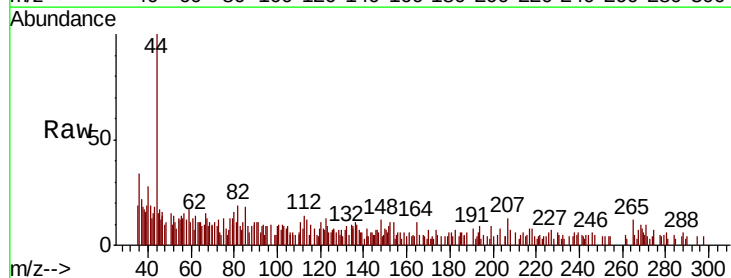
Tot Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 70.3 8.4 12.6#

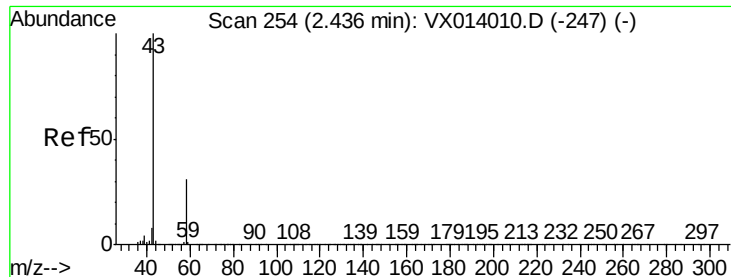


#13

Acrolein
Concen: 0.255 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 466.0 56.9 85.3#





#16

Acetone

Concen: 2.503 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

Instrument :

MSVOA_X

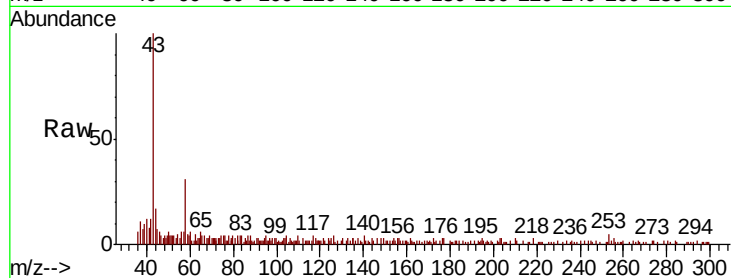
ClientSampleId :

Tot Ion: 43 Resp: 10149

Ion Ratio Lower Upper

43 100

58 27.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

3000

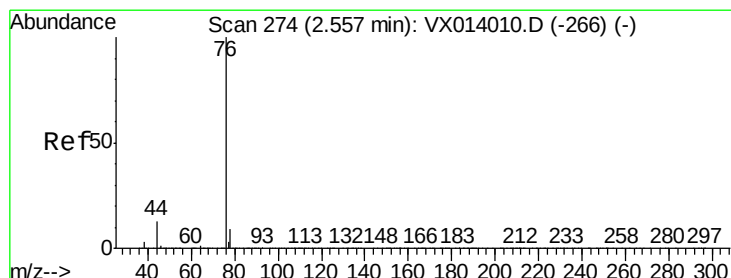
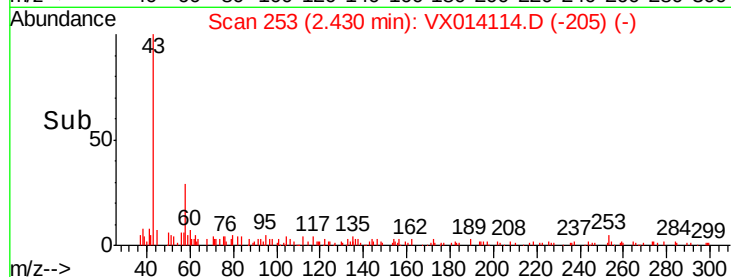
2000

1000

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.878 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014114.D

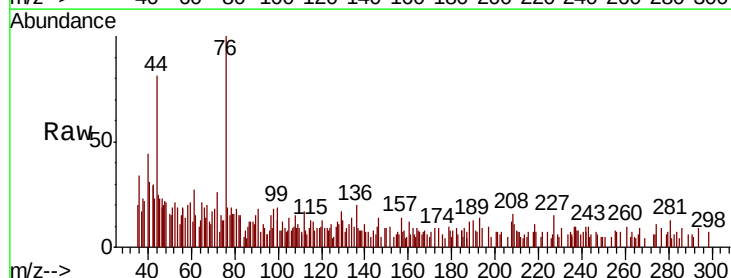
Acq: 19 Dec 2019 12:08

Tgt Ion: 76 Resp: 1914

Ion Ratio Lower Upper

76 100

78 12.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

1500

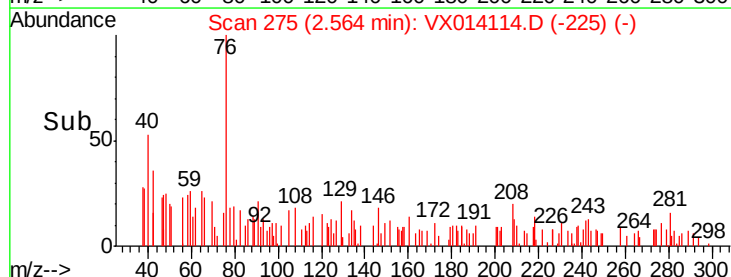
1000

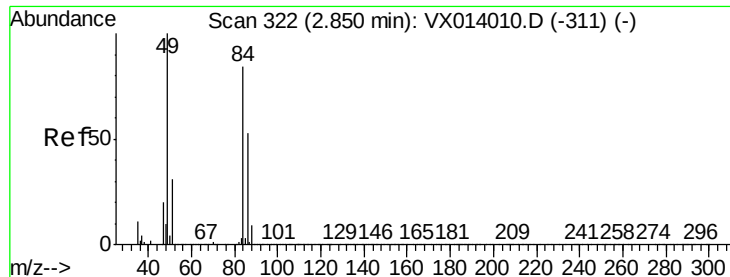
500

0

2.55 2.60

Time-->

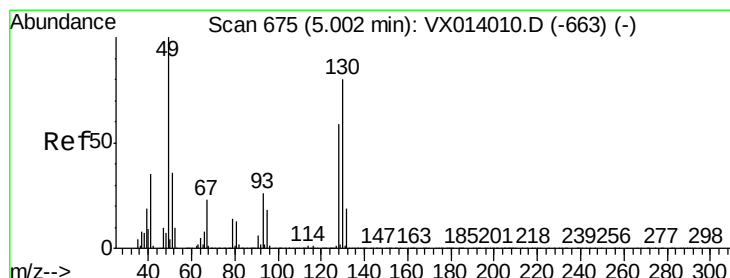
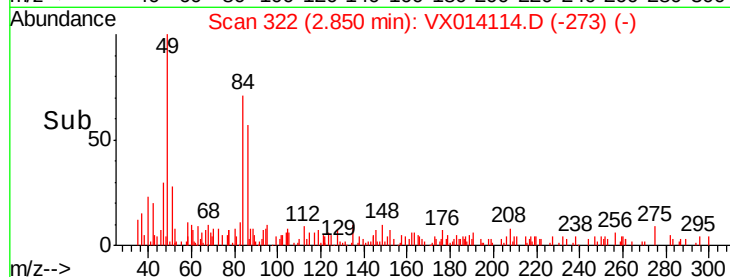
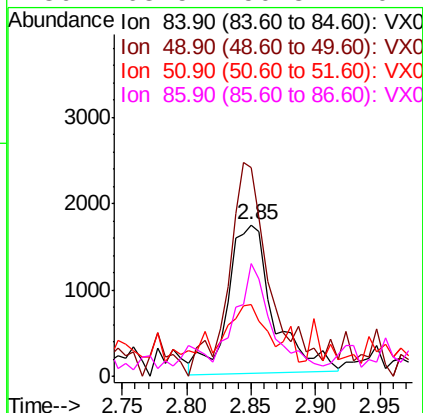
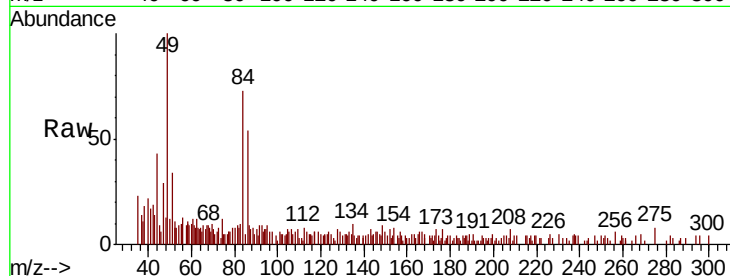




#20
Methylene Chloride
Concen: 0.669 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

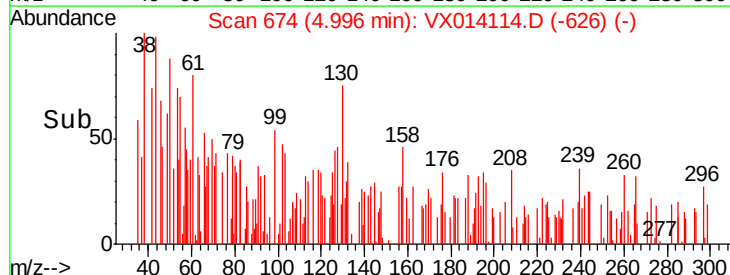
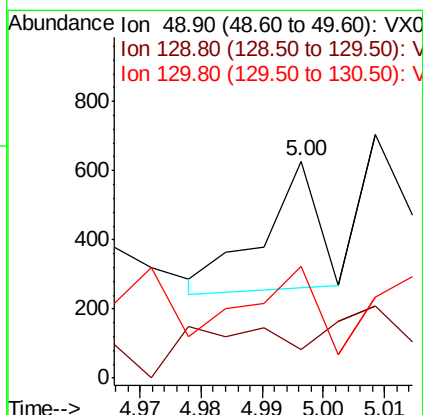
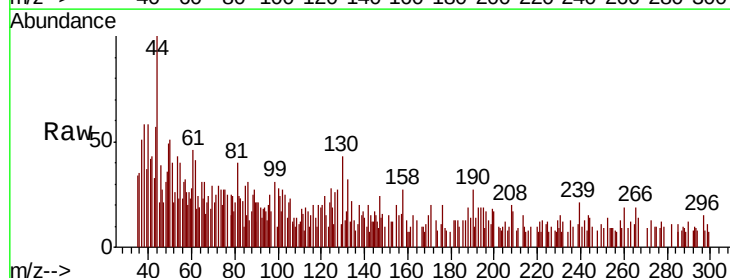
Instrument :
MSVOA_X
ClientSampleId :

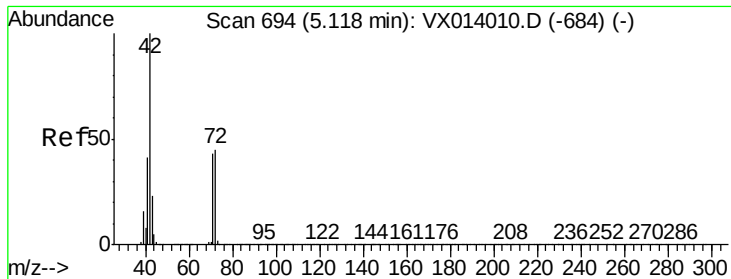
Tot Ion:	84	Resp:	4275
Ion	Ratio	Lower	Upper
84	100		
49	133.7	95.8	143.6
51	37.9	29.8	44.8
86	63.5	50.8	76.2



#28
Bromochloromethane
Concen: 0.509 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion:	49	Resp:	226
Ion	Ratio	Lower	Upper
49	100		
129	92.0	0.0	5.0#
130	83.2	64.6	97.0

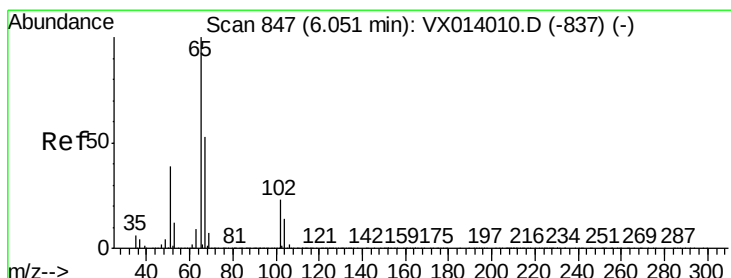
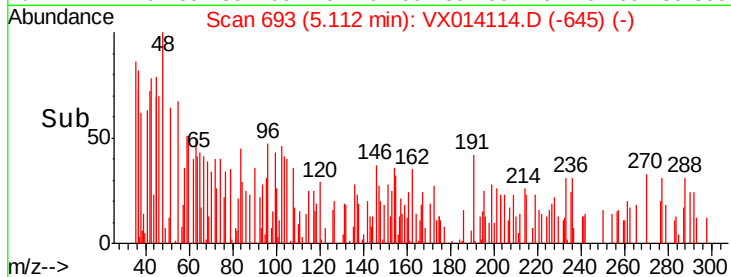
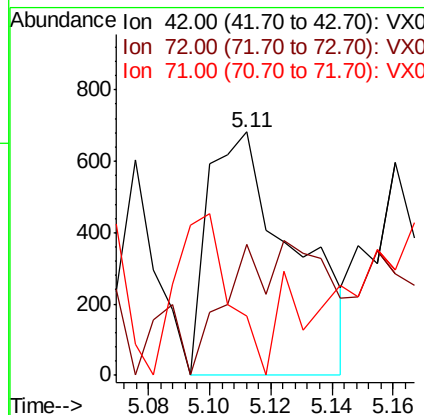
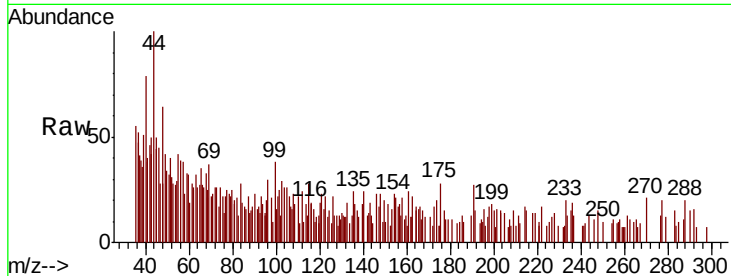




#29
Tetrahydrofuran
Concen: 0.472 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

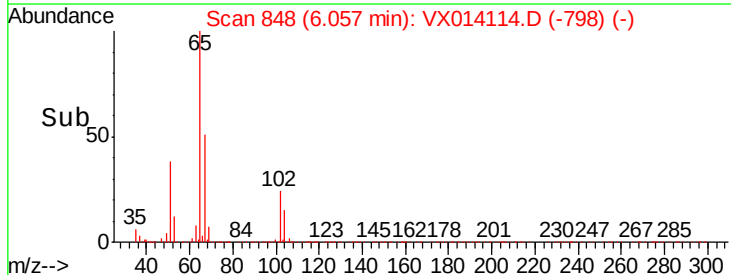
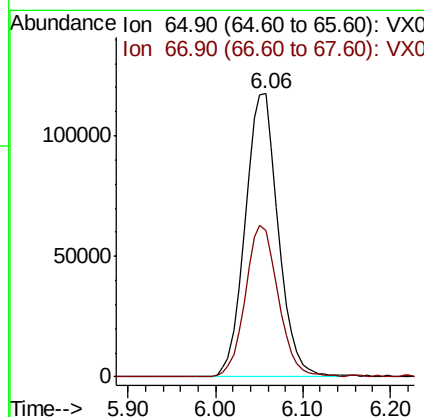
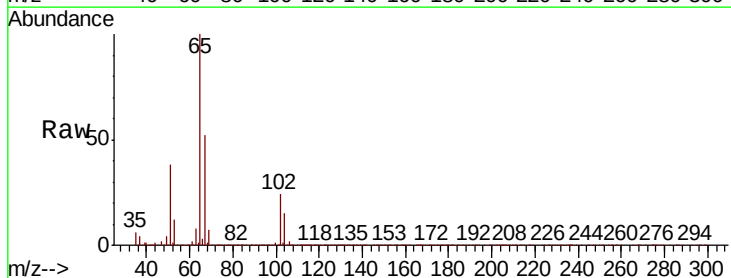
Instrument :
MSVOA_X
ClientSampleId :

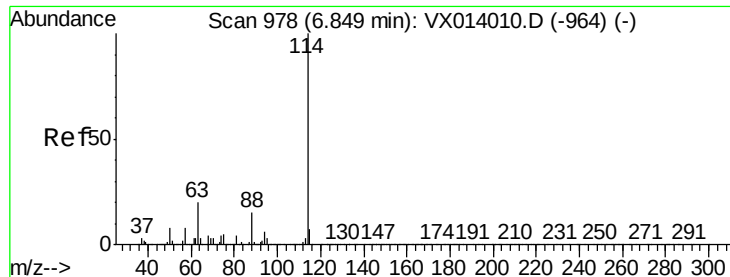
Tot Ion: 42 Resp: 1321
Ion Ratio Lower Upper
42 100
72 0.0 35.8 53.8#
71 41.5 33.6 50.4



#33
1,2-Dichloroethane-d4
Concen: 49.123 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion: 65 Resp: 306860
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.4

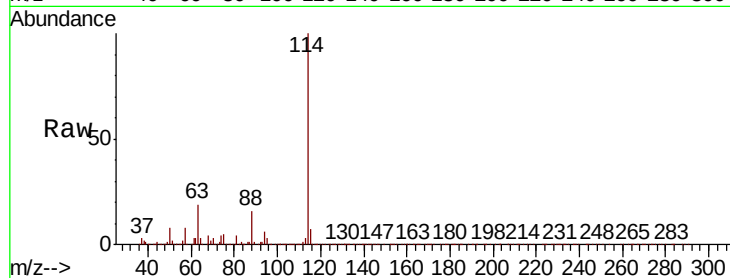




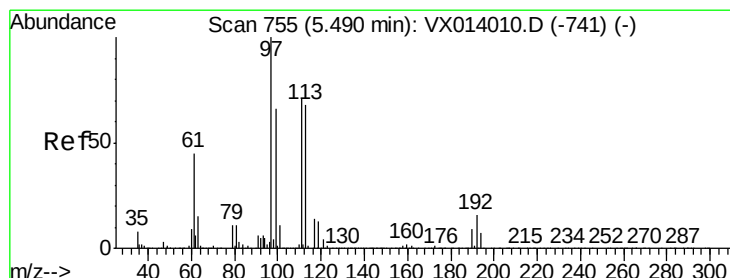
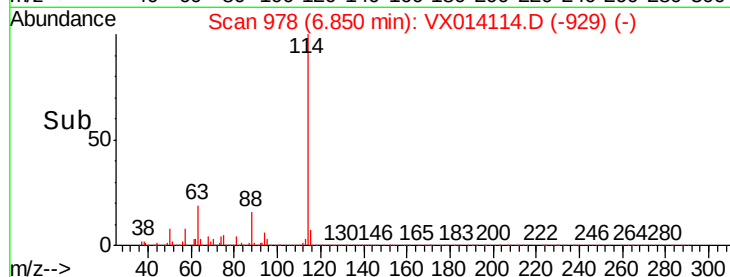
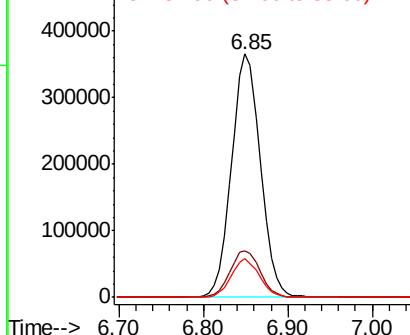
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	15.9	0.0	30.4

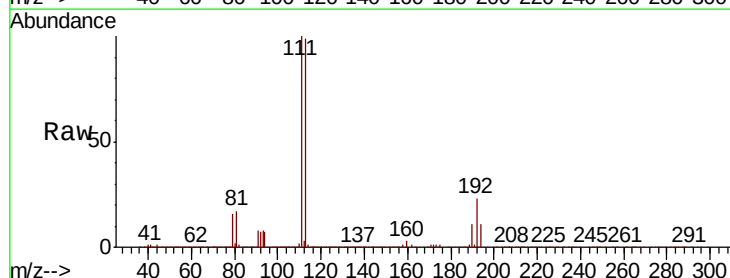


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

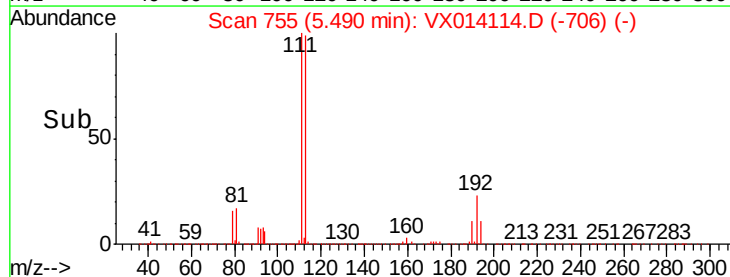
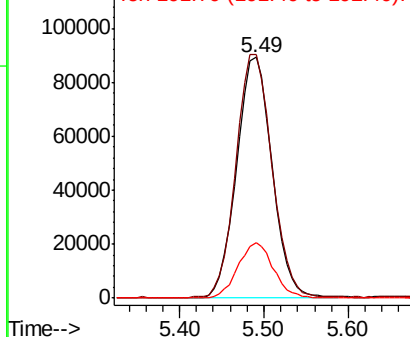


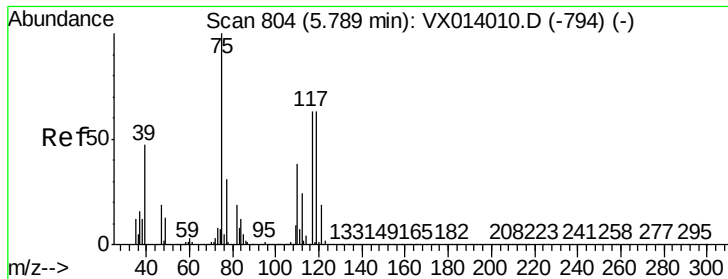
#35
Dibromofluoromethane
Concen: 49.440 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	22.6	19.3	28.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

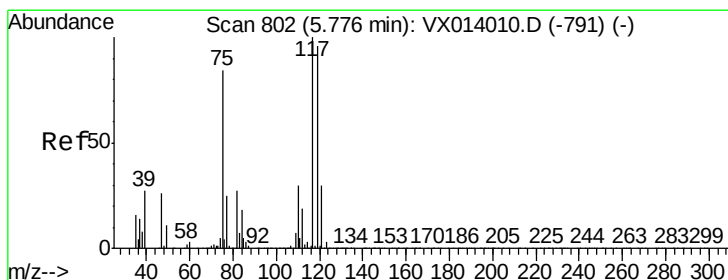
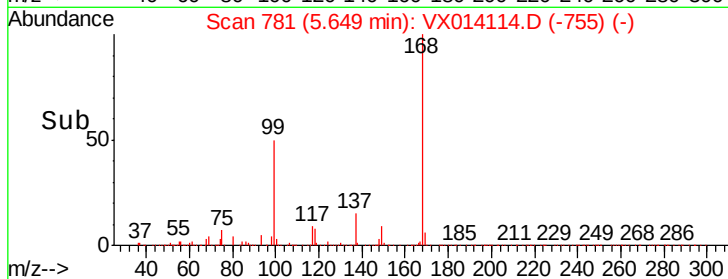
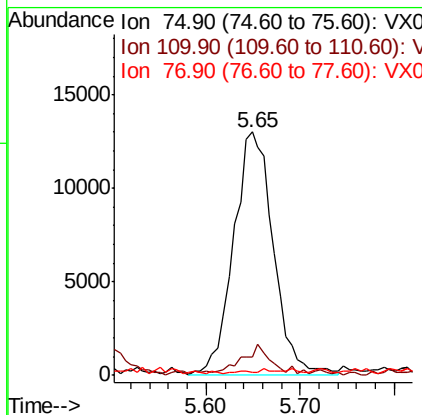
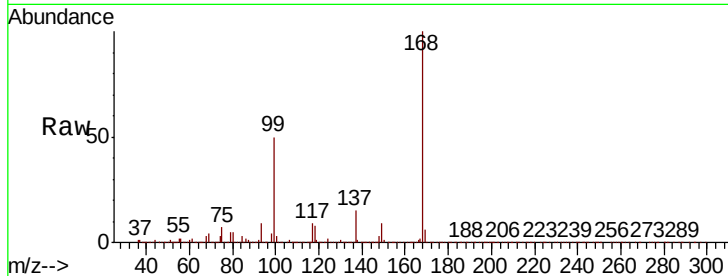




#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014114.D
 Acq: 19 Dec 2019 12:08

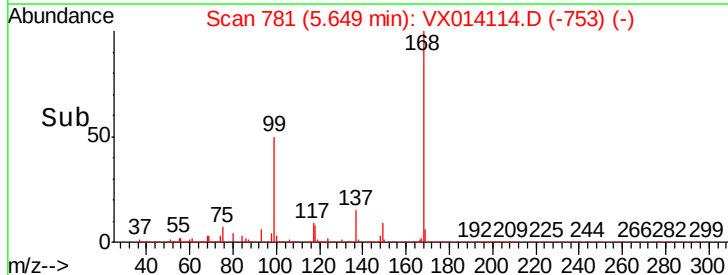
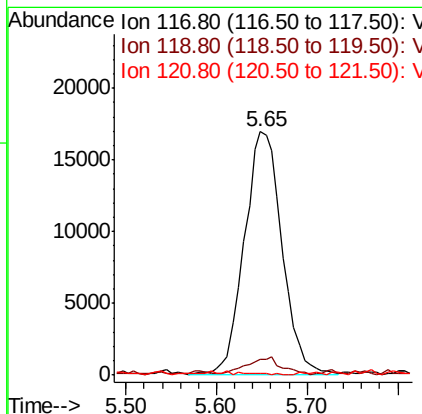
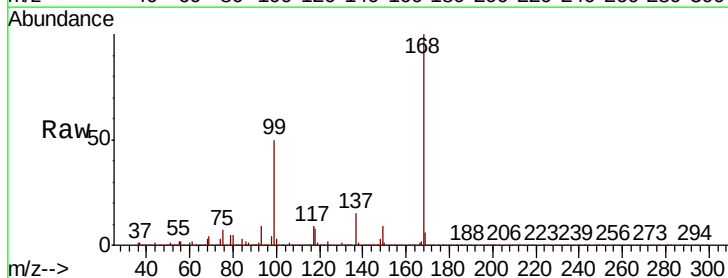
Instrument :
 MSVOA_X
 ClientSampleId :

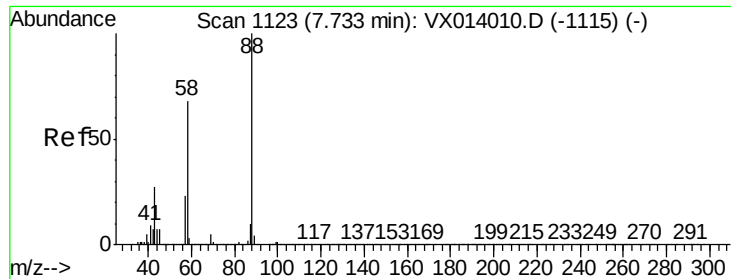
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.3	54.9#
77	0.4	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.952 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX014114.D
 Acq: 19 Dec 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.4#
121	0.0	23.6	35.4#





#49

1,4-Dioxane

Concen: 0.849 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

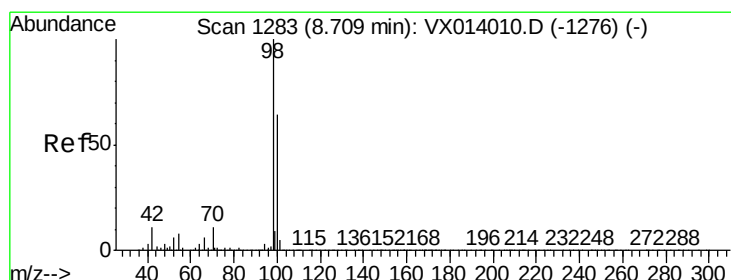
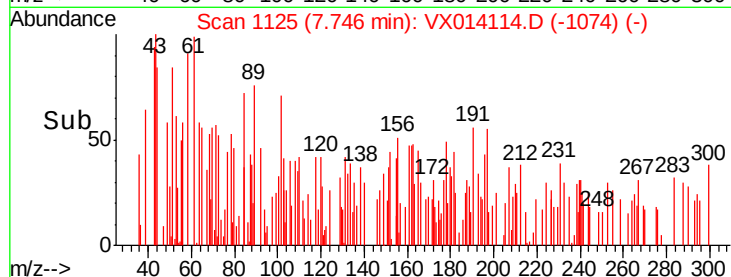
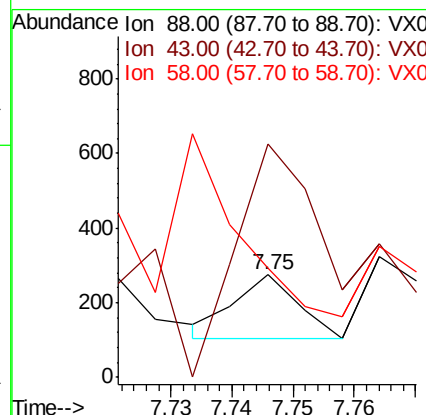
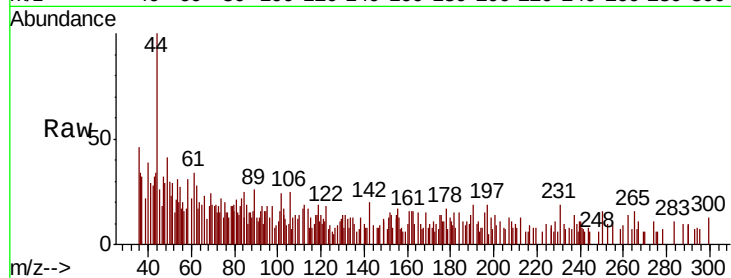
Tot Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

43 687.5 26.5 39.7#

58 550.0 56.8 85.2#



#50

Toluene-d8

Concen: 50.423 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014114.D

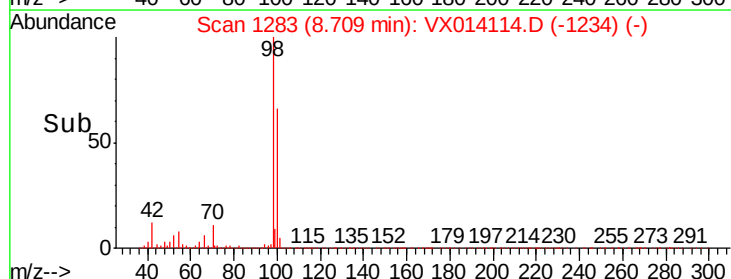
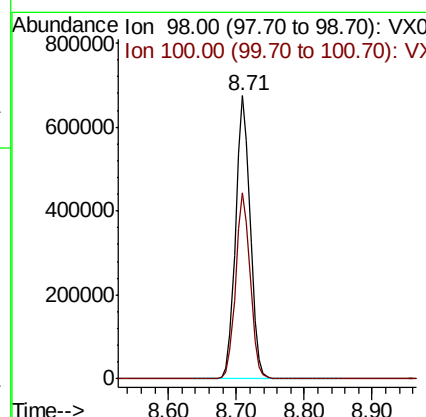
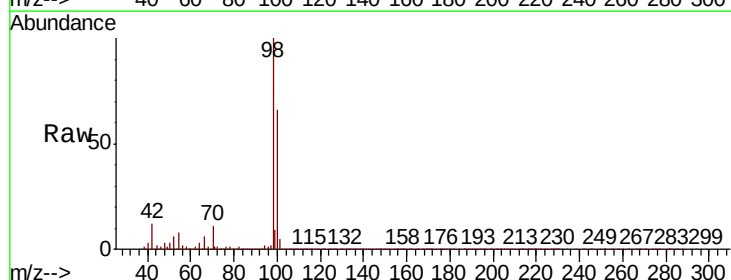
Acq: 19 Dec 2019 12:08

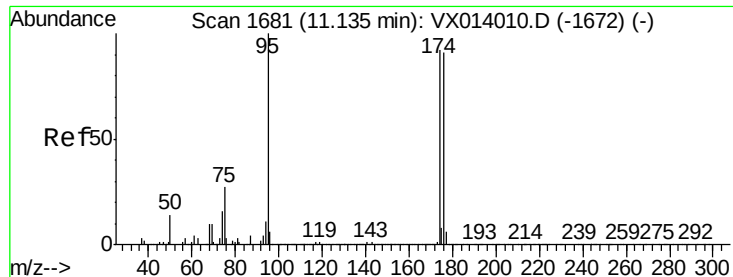
Tgt Ion: 98 Resp: 1008989

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3

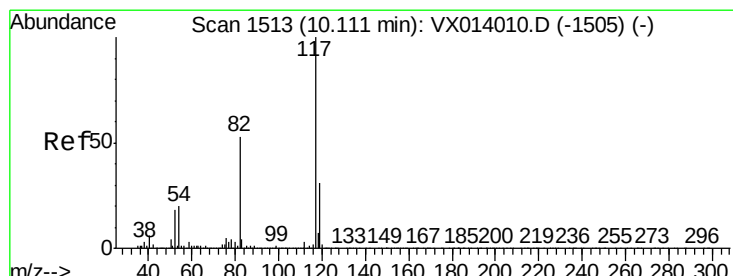
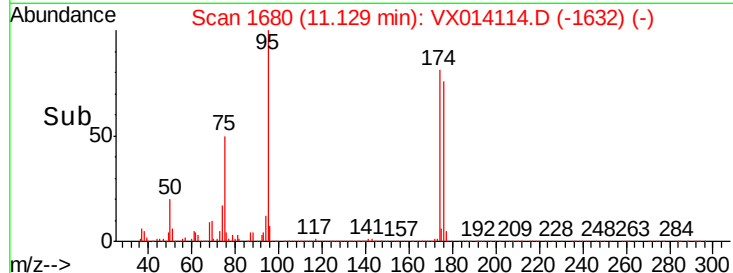
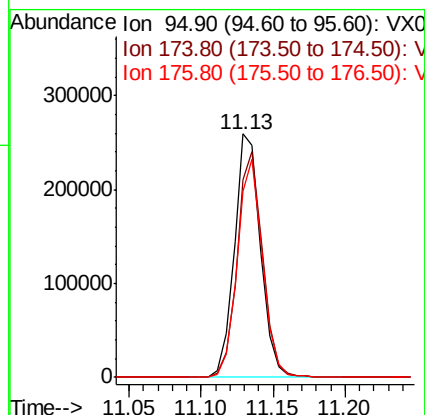
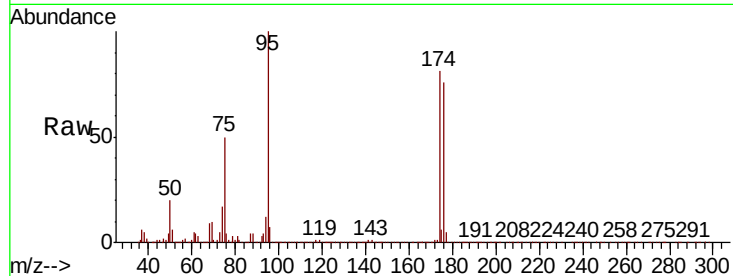




#62
4-Bromofluorobenzene
Concen: 45.192 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

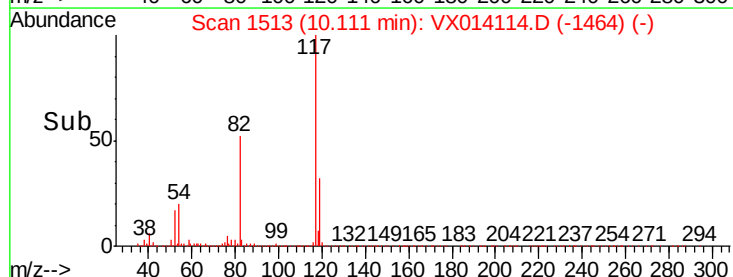
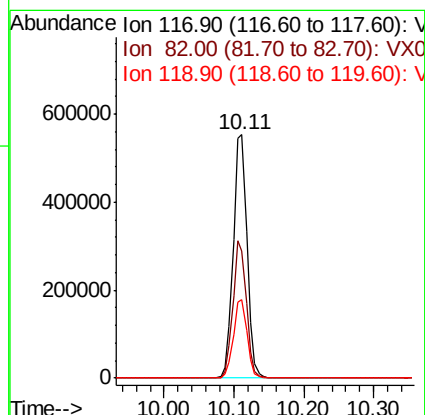
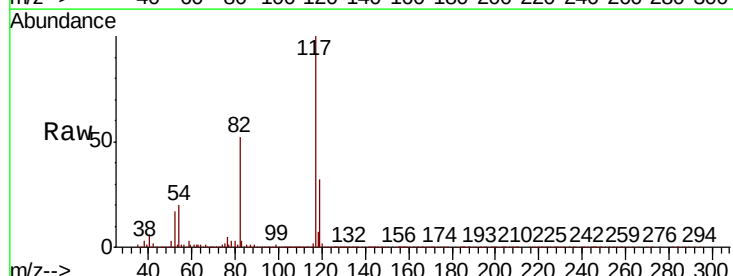
Instrument :
MSVOA_X
ClientSampleId :

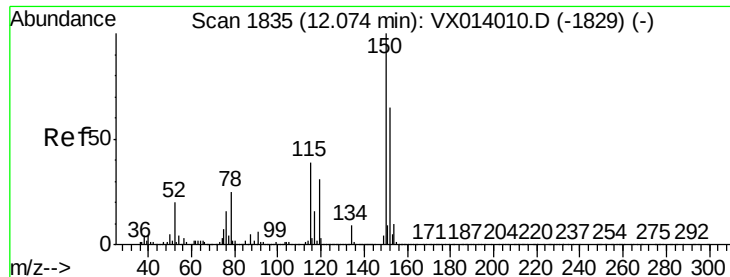
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	175.8
176	85.9	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014114.D
Acq: 19 Dec 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	32.0	25.1	37.7

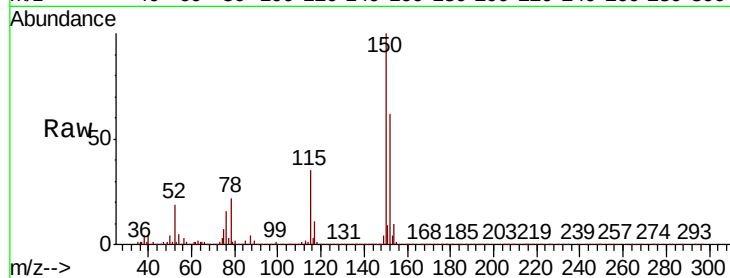




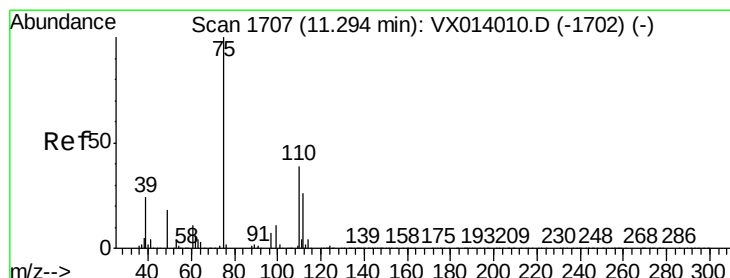
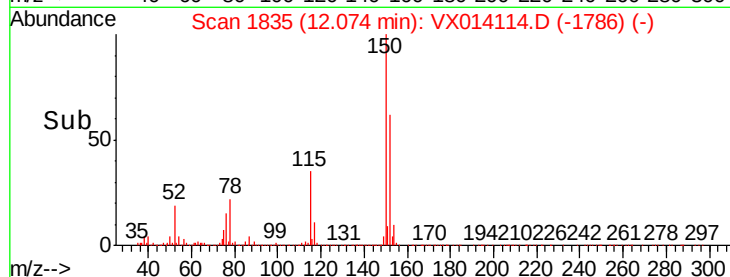
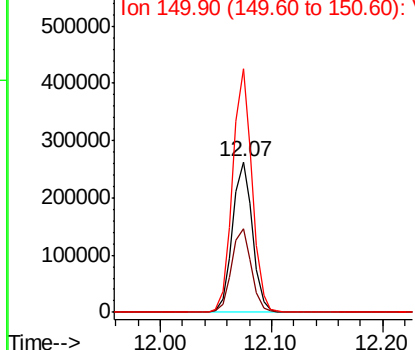
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX014114.D
 Acq: 19 Dec 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.3	114.9
150	157.0	0.0	345.4

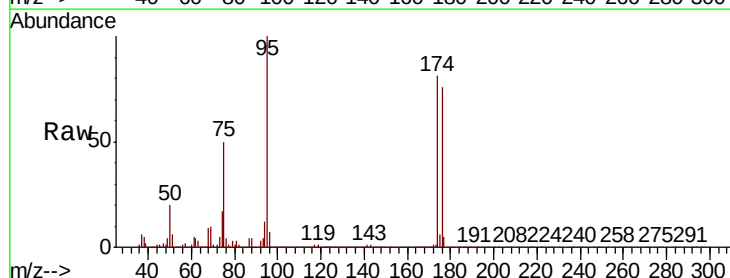


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

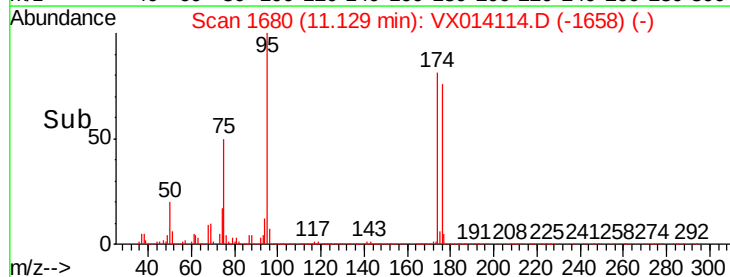
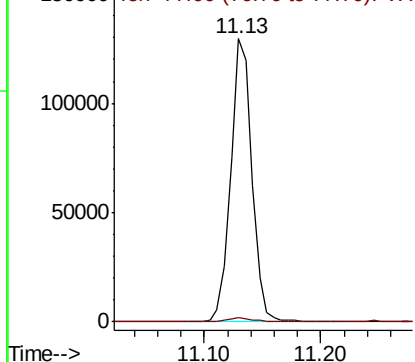


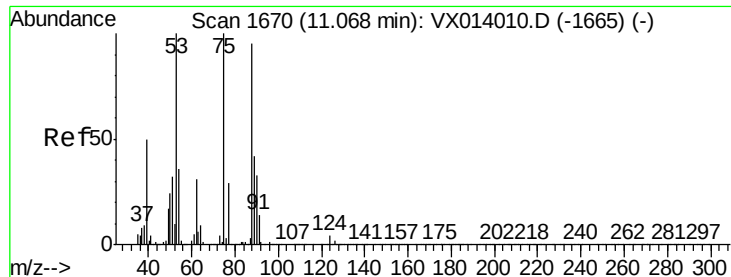
#76
 1,2,3-Trichloropropane
 Concen: 23.321 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX014114.D
 Acq: 19 Dec 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.3	57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.825 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014114.D

Acq: 19 Dec 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

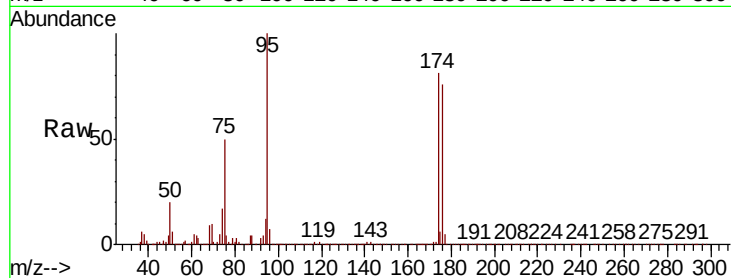
Tot Ion: 75 Resp: 164386

Ion Ratio Lower Upper

75 100

53 0.3 76.7 115.1#

89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

