

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137856.D
 Acq On : 09 Dec 2019 17:20
 Operator : JC/SP
 Sample : K6185-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:27:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	619547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	958952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	850945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	349666	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
35) Dibromofluoromethane	5.48	113	285542	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	1124626	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	373709	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	

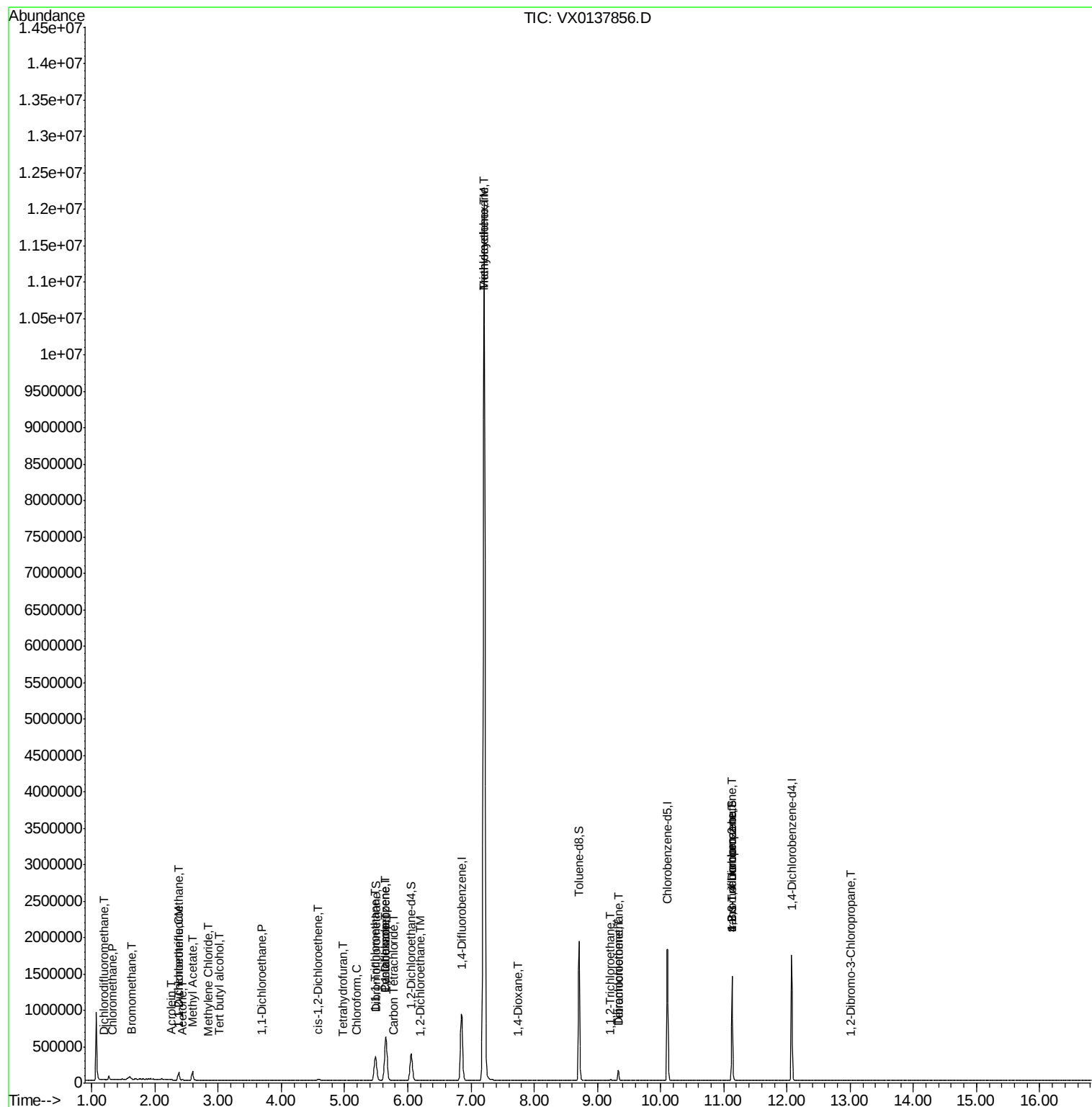
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	1917	0.278	ug/l #	55
3) Chloromethane	1.32	50	1714	0.222	ug/l #	70
5) Bromomethane	1.63	94	1435	0.245	ug/l #	15
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31948	5.409	ug/l	98
11) Tert butyl alcohol	3.03	59	6998	3.942	ug/l #	92
12) 1,1-Dichloroethene	2.37	96	18910	3.207	ug/l	91
13) Acrolein	2.26	56	108	6.093	ug/l #	1
16) Acetone	2.43	43	7449	2.098	ug/l	94
18) Methyl Acetate	2.59	43	36198	3.661	ug/l #	53
20) Methylene Chloride	2.85	84	1919	0.281	ug/l #	57
24) 1,1-Dichloroethane	3.69	63	6971	0.619	ug/l #	87
27) cis-1,2-Dichloroethene	4.59	96	13860	1.879	ug/l	90
29) Tetrahydrofuran	4.97	42	1011	0.311	ug/l	92
30) Chloroform	5.20	83	6372	0.558	ug/l #	74
31) Cyclohexane	5.65	56	12840	1.209	ug/l #	1
32) 1,1,1-Trichloroethane	5.48	97	2297	0.241	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	40499	4.652	ug/l #	50
38) Carbon Tetrachloride	5.78	117	2467	0.307	ug/l #	70
39) Methylcyclohexane	7.21	83	52684	4.896	ug/l #	1
42) 1,2-Dichloroethane	6.19	62	2269	0.251	ug/l	98
44) Trichloroethene	7.21	130	4699606	645.889	ug/l	97
49) 1,4-Dioxane	7.74	88	3436	19.651	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	3576	0.539	ug/l #	89
60) Dibromochloromethane	9.33	129	25011	3.631	ug/l #	11
64) Tetrachloroethene	9.33	164	29323	4.621	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	183596	21.974	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	183596	60.117	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.01	75	433	0.220	ug/l #	41

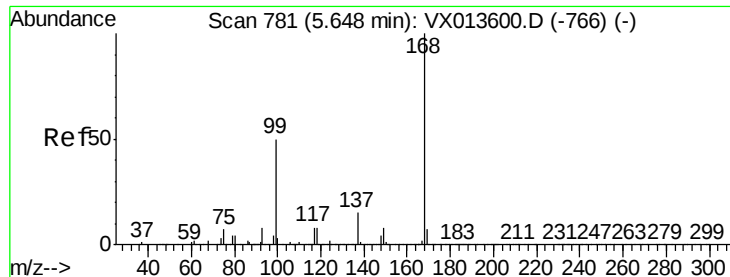
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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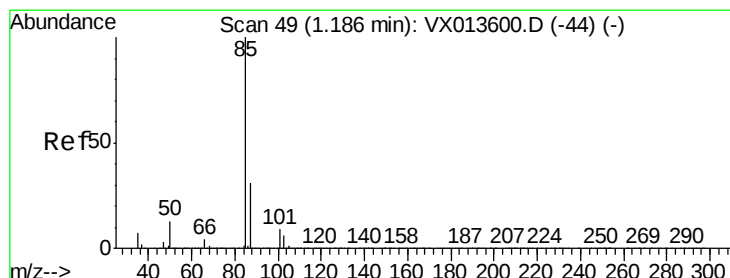
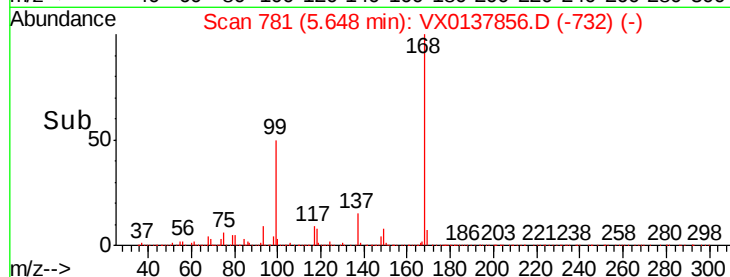
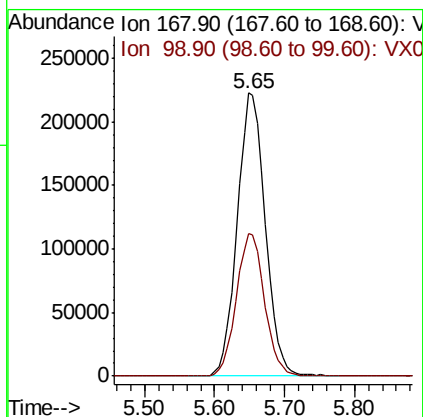
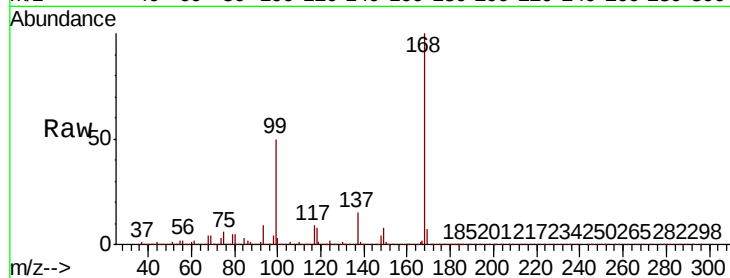


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

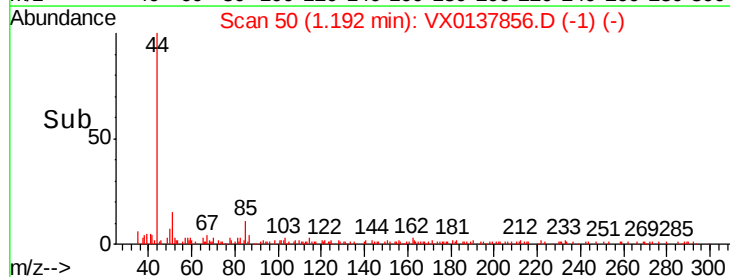
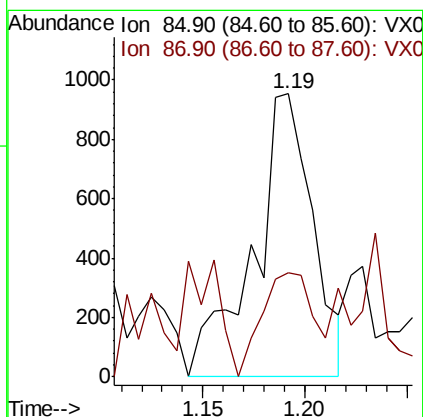
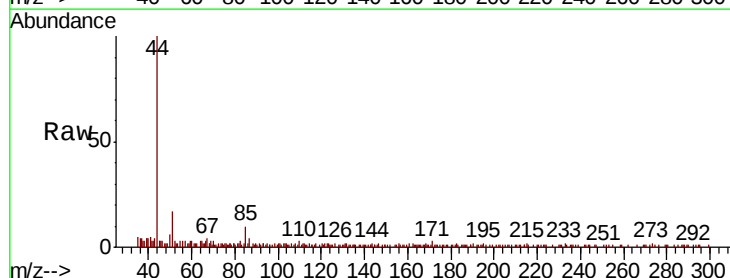
Tot Ion:168 Resp: 619547
Ion Ratio Lower Upper
168 100
99 50.3 39.8 59.8

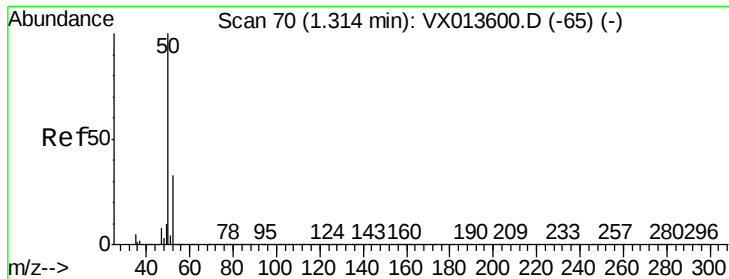


#2

Dichlorodifluoromethane
Concen: 0.278 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 85 Resp: 1917
Ion Ratio Lower Upper
85 100
87 6.3 15.7 47.1#





#3

Chloromethane

Concen: 0.222 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

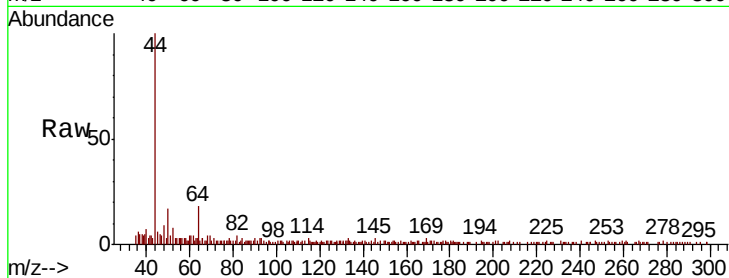
ClientSampleId :

Tot Ion: 50 Resp: 1714

Ion Ratio Lower Upper

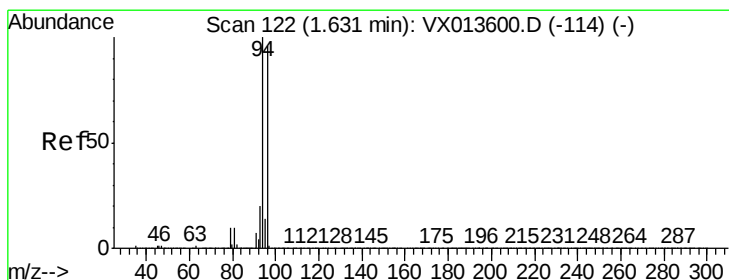
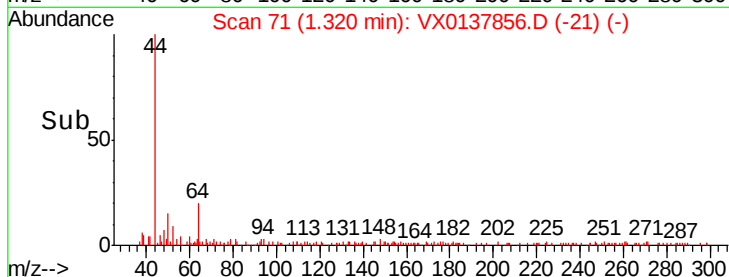
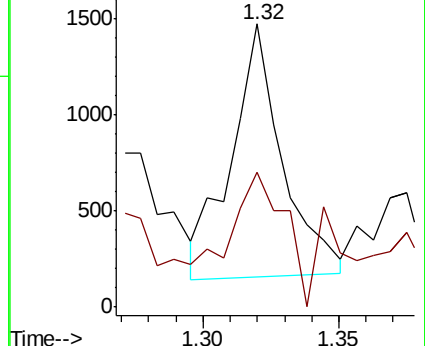
50 100

52 49.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.245 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137856.D

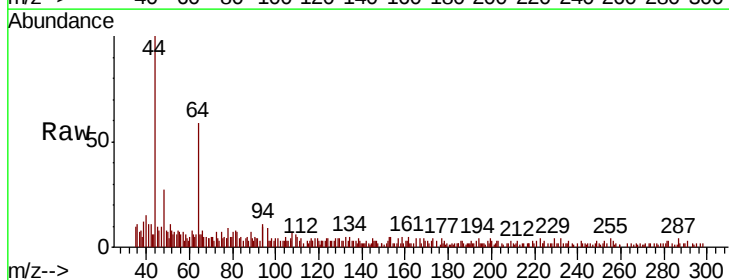
Acq: 09 Dec 2019 17:20

Tgt Ion: 94 Resp: 1435

Ion Ratio Lower Upper

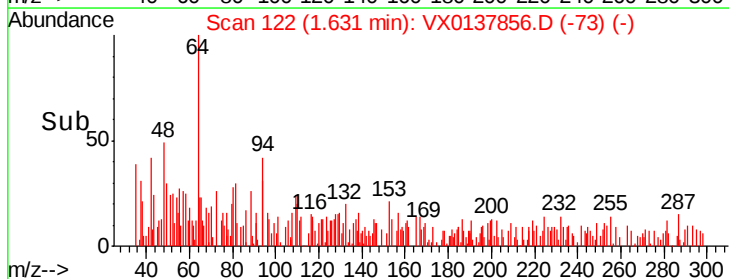
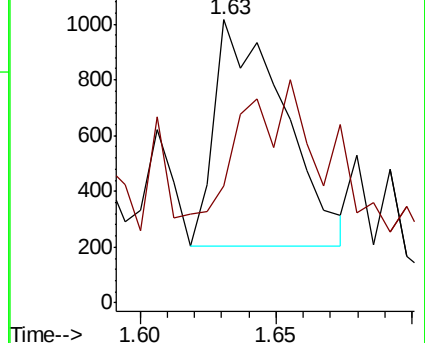
94 100

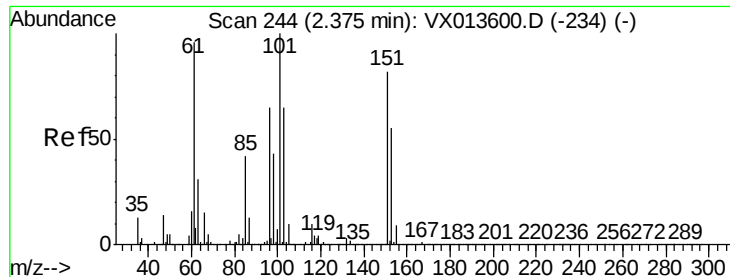
96 12.9 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.409 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

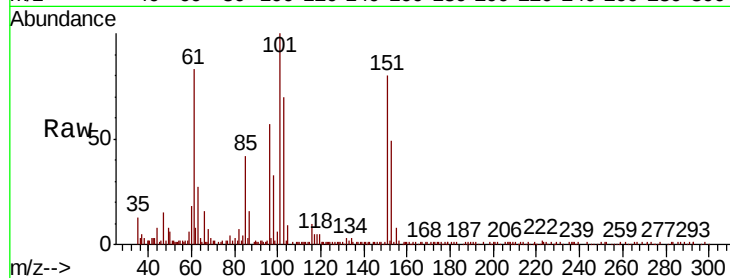
Tot Ion:101 Resp: 31948

Ion Ratio Lower Upper

101 100

85 39.6 33.9 50.9

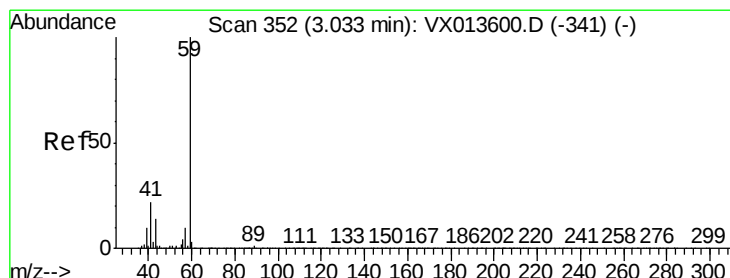
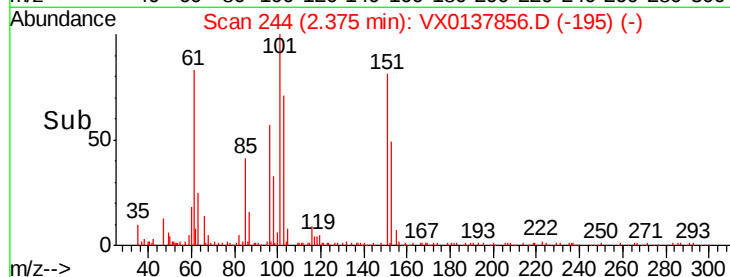
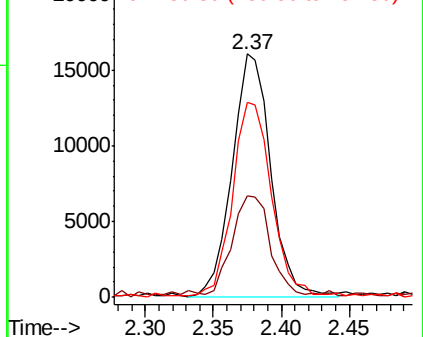
151 80.1 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 3.942 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX0137856.D

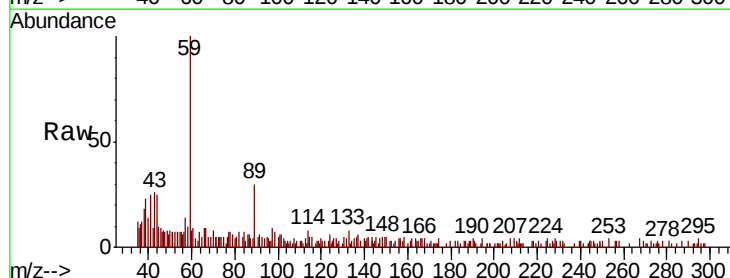
Acq: 09 Dec 2019 17:20

Tgt Ion: 59 Resp: 6998

Ion Ratio Lower Upper

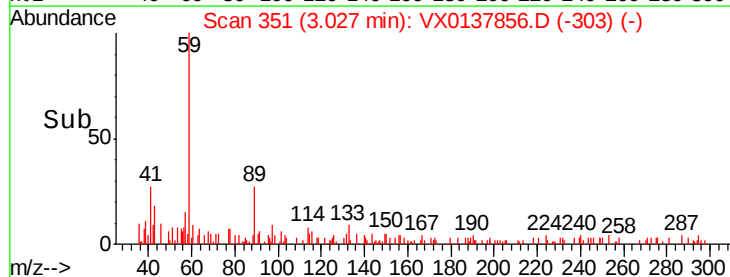
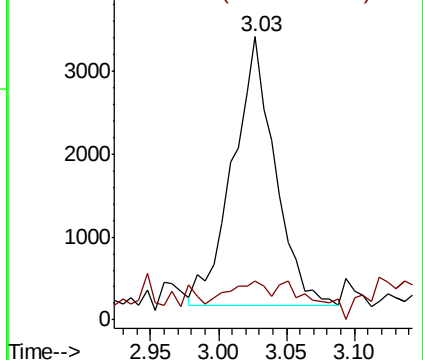
59 100

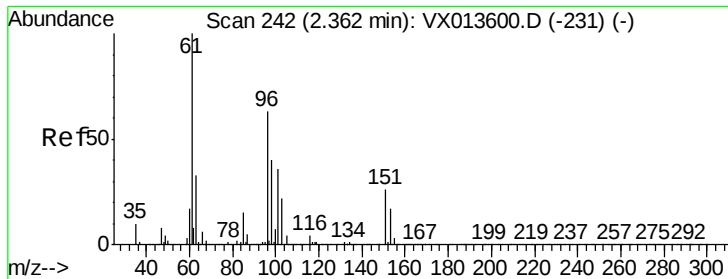
57 6.9 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 3.207 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampled :

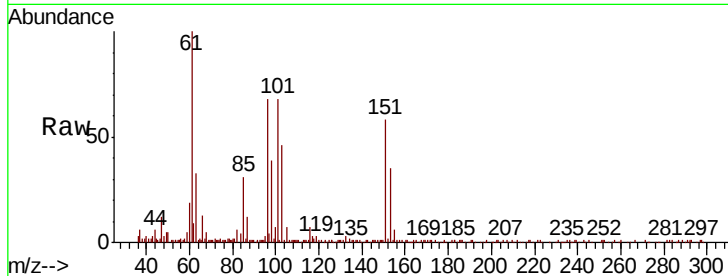
Tot Ion: 96 Resp: 18910

Ion Ratio Lower Upper

96 100

61 146.3 126.6 190.0

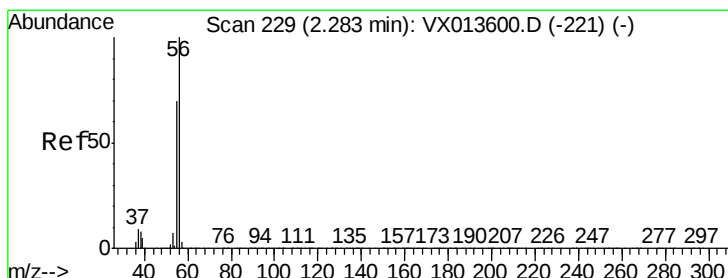
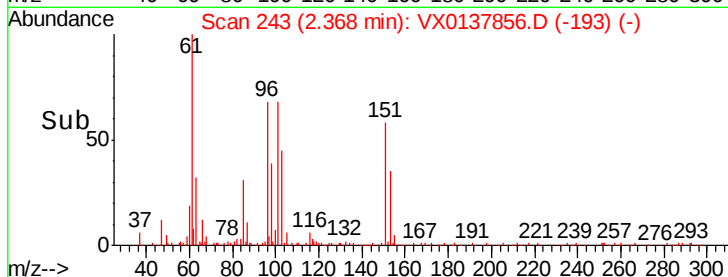
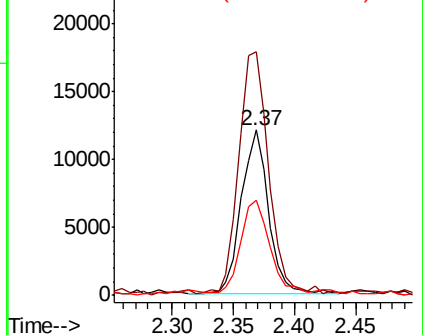
98 56.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 6.093 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX0137856.D

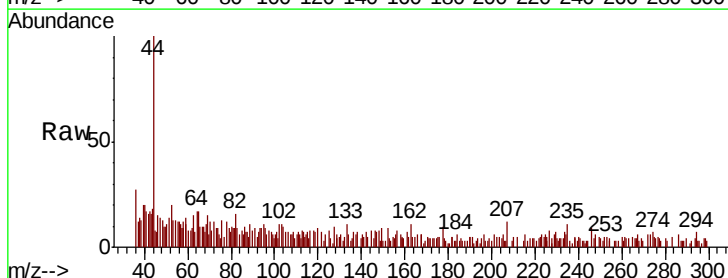
Acq: 09 Dec 2019 17:20

Tgt Ion: 56 Resp: 108

Ion Ratio Lower Upper

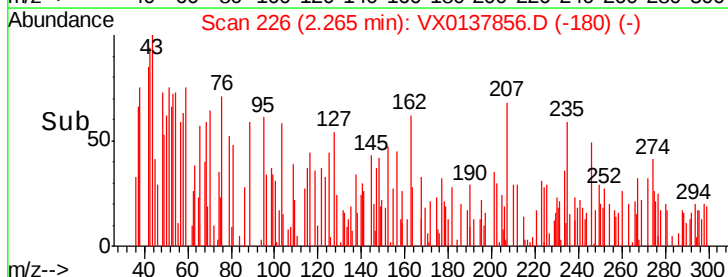
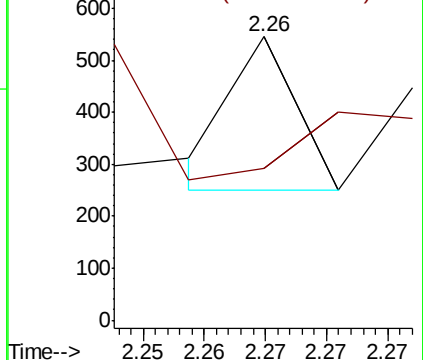
56 100

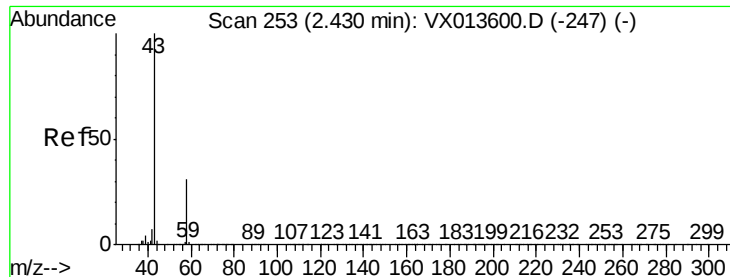
55 295.4 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

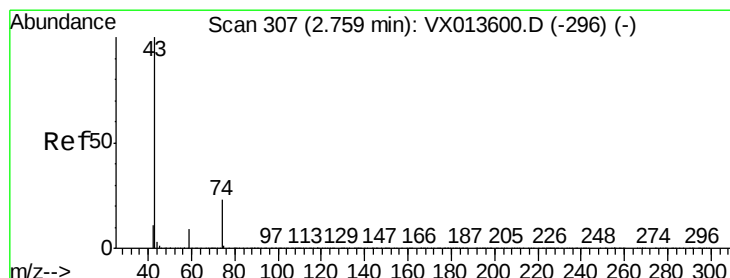
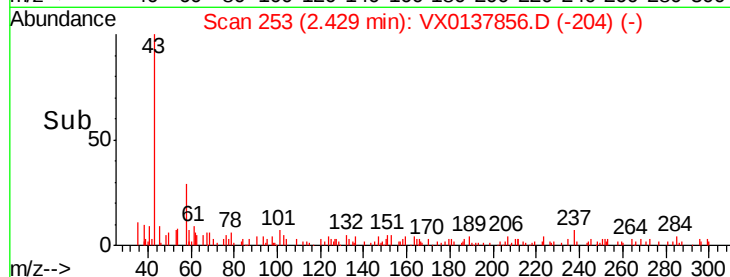
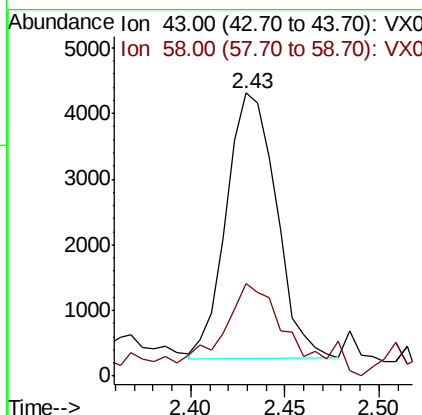
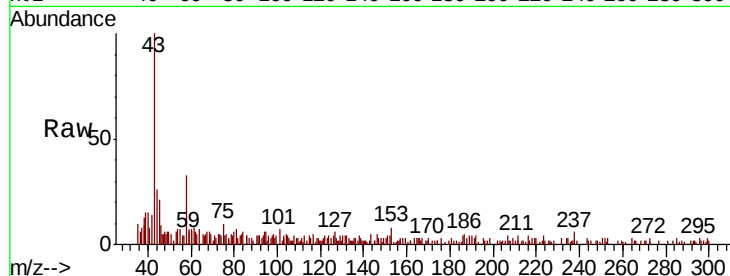




#16
Acetone
Concen: 2.098 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

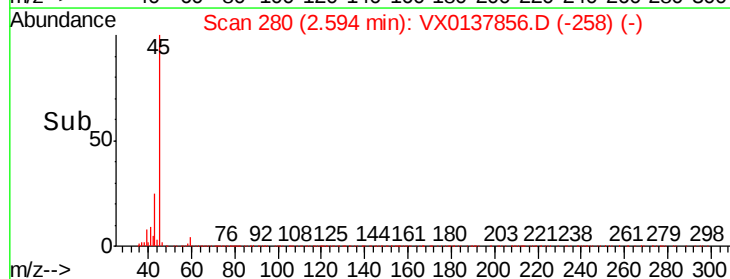
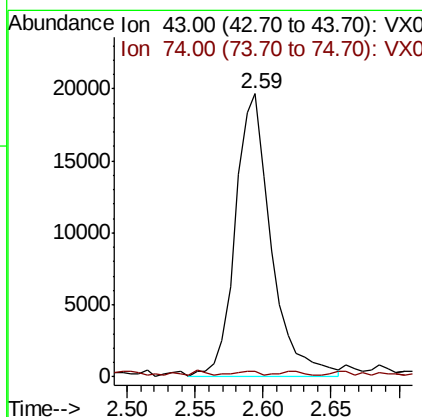
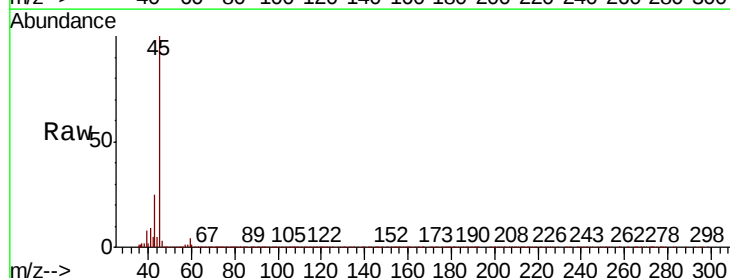
Instrument :
MSVOA_X
ClientSampleId :

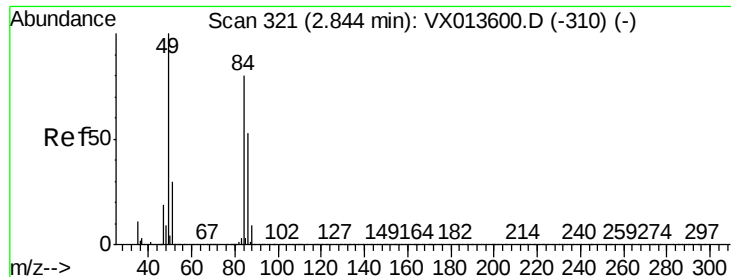
Tot Ion: 43 Resp: 7449
Ion Ratio Lower Upper
43 100
58 27.5 24.6 36.8



#18
Methyl Acetate
Concen: 3.661 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 43 Resp: 36198
Ion Ratio Lower Upper
43 100
74 0.9 19.5 29.3#

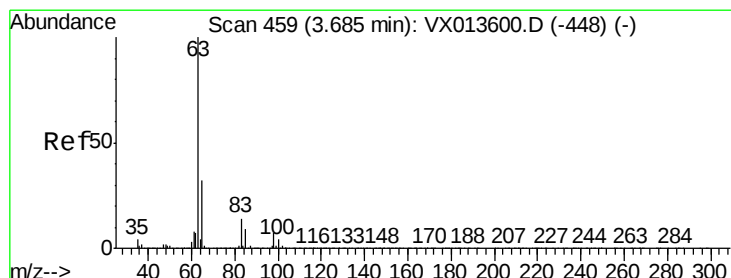
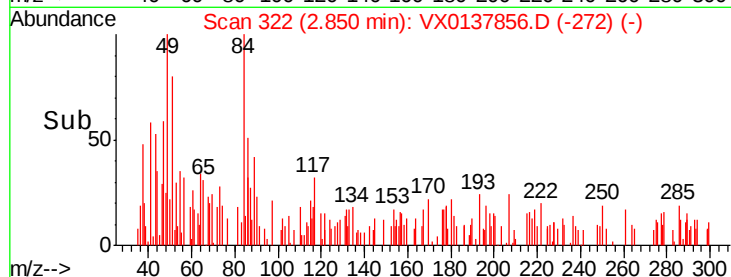
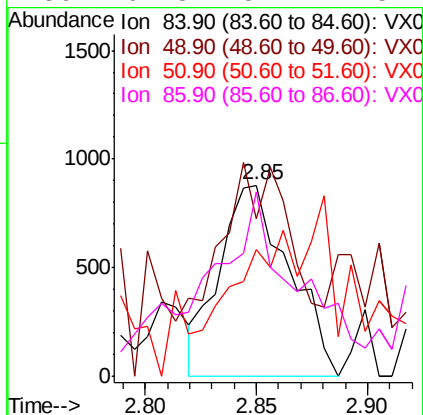
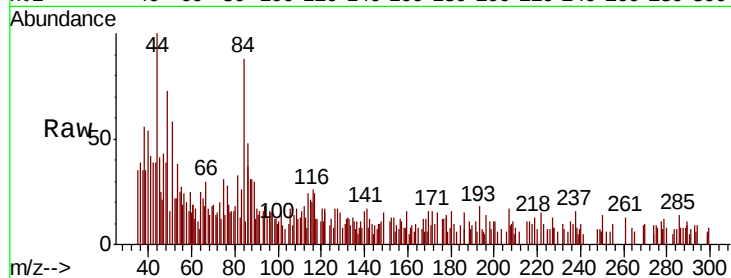




#20
Methvlene Chloride
Concen: 0.281 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

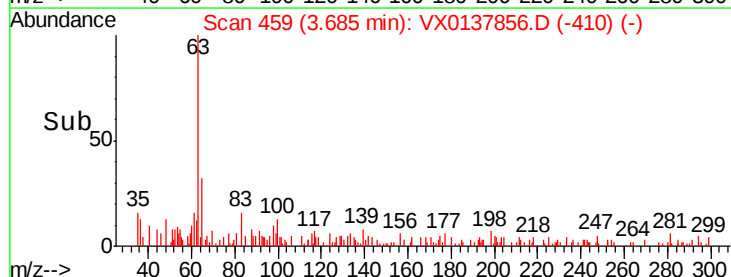
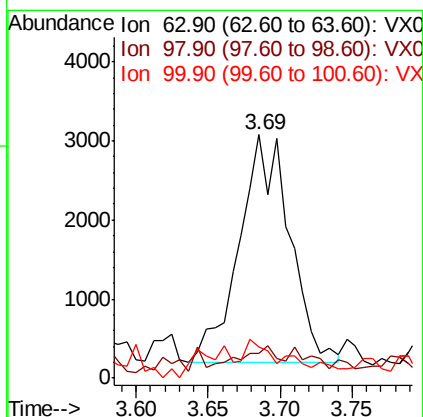
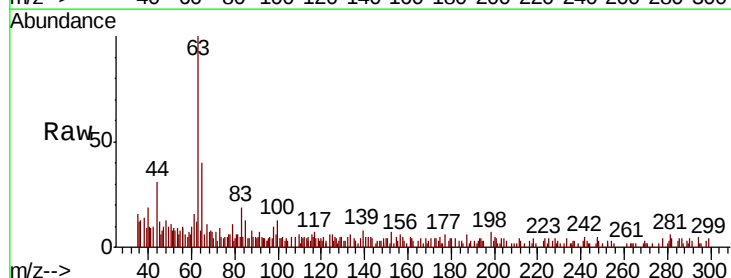
Instrument :
MSVOA_X
ClientSampled :

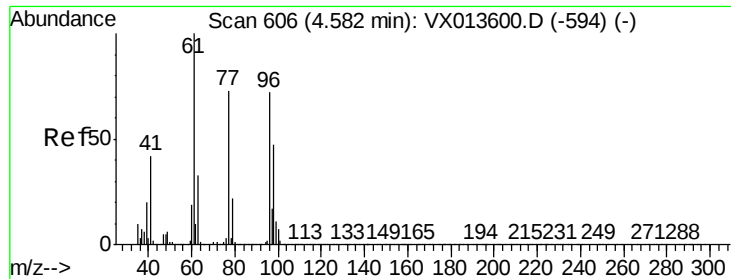
Tot Ion:	84	Resp:	1919
Ion	Ratio	Lower	Upper
84	100		
49	41.3	99.7	149.5#
51	45.1	29.9	44.9#
86	62.8	52.2	78.4



#24
1,1-Dichloroethane
Concen: 0.619 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion:	63	Resp:	6971
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.5	10.4
100	13.9	2.1	6.3#



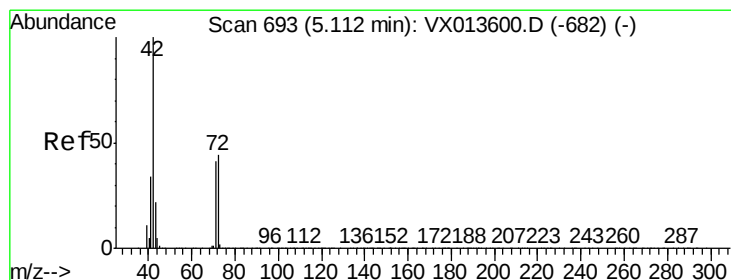
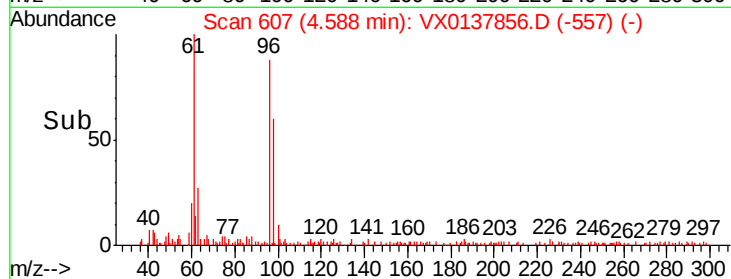
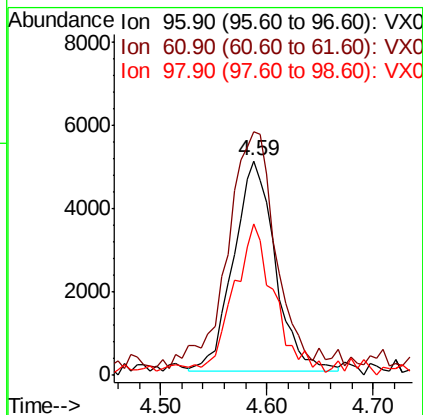
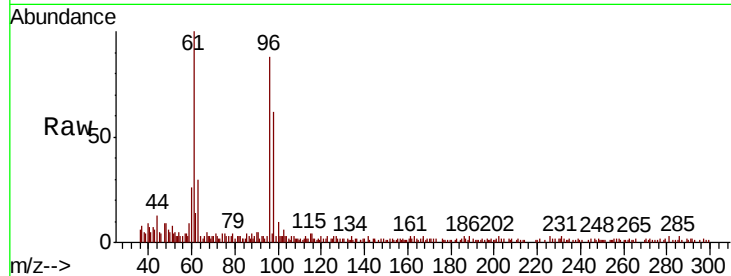


#27

cis-1,2-Dichloroethene
 Concen: 1.879 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX0137856.D
 Acq: 09 Dec 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :

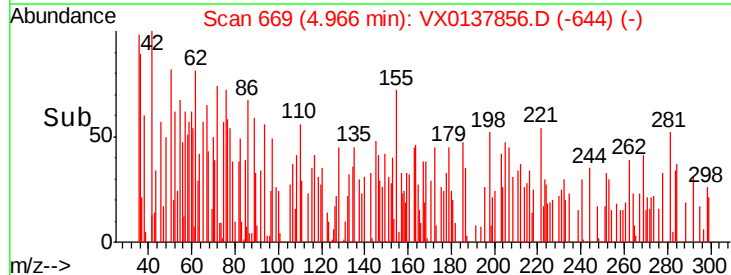
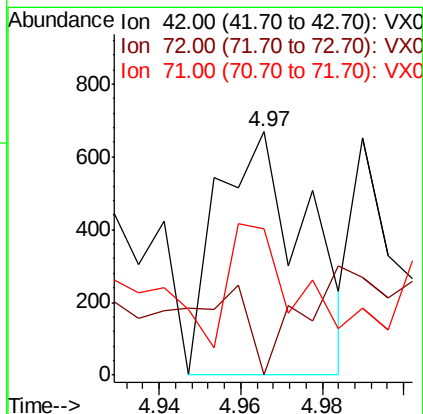
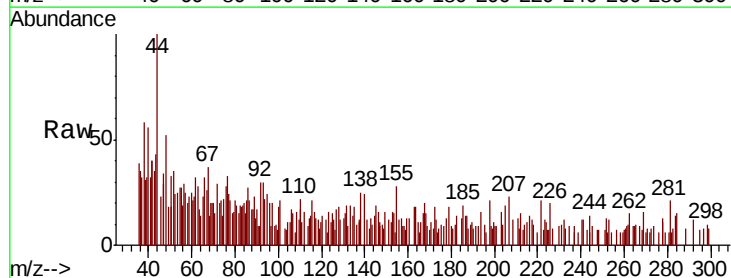
Tot Ion	96	Resp	13860
Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	286.4
98	68.4	0.0	127.4

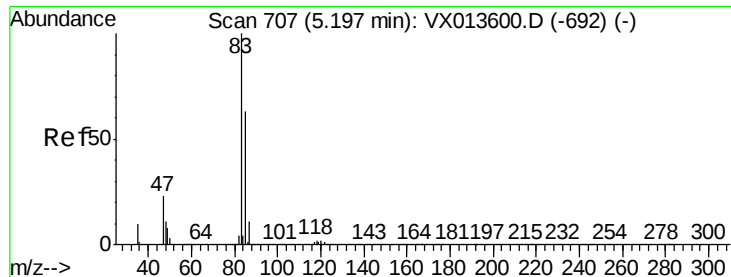


#29

Tetrahydrofuran
 Concen: 0.311 ug/l
 RT: 4.97 min Scan# 669
 Delta R.T. -0.15 min
 Lab File: VX0137856.D
 Acq: 09 Dec 2019 17:20

Tgt Ion	42	Resp	1011
Ion	Ratio	Lower	Upper
42	100		
72	50.2	36.3	54.5
71	36.2	33.2	49.8

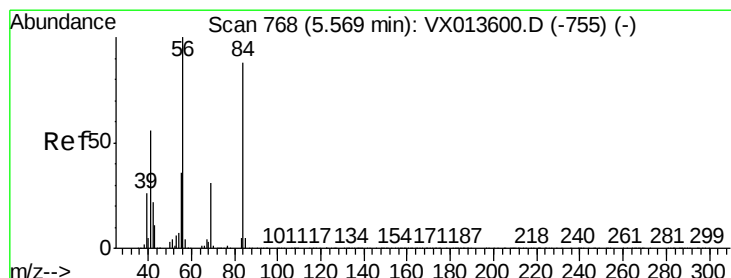
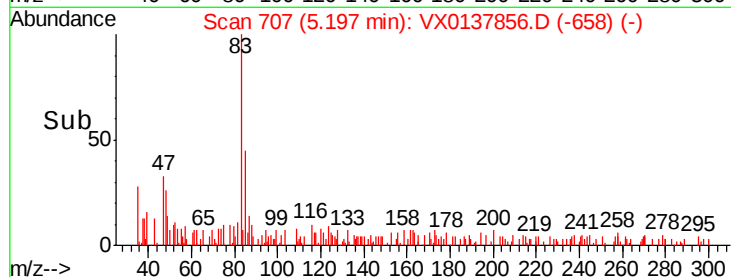
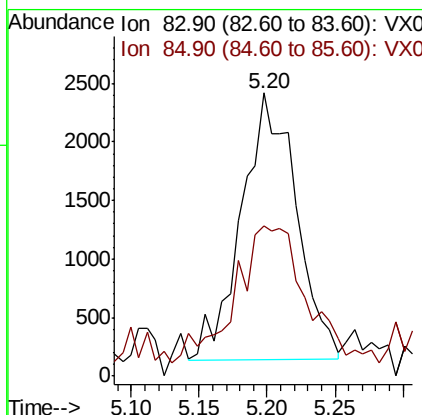
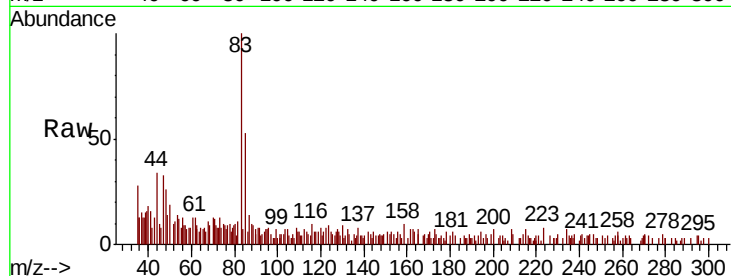




#30
Chloroform
Concen: 0.558 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

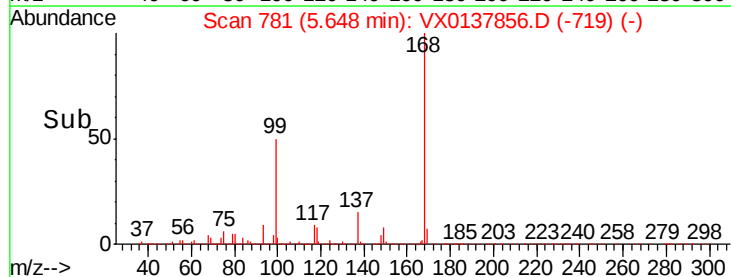
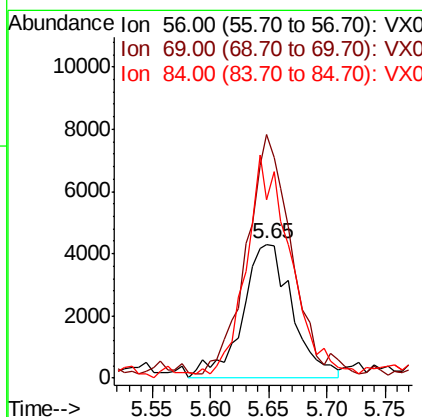
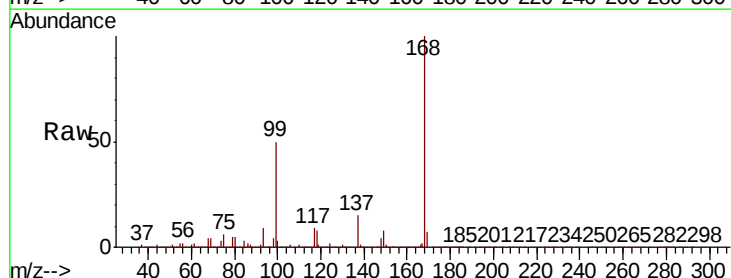
Instrument :
MSVOA_X
ClientSampled :

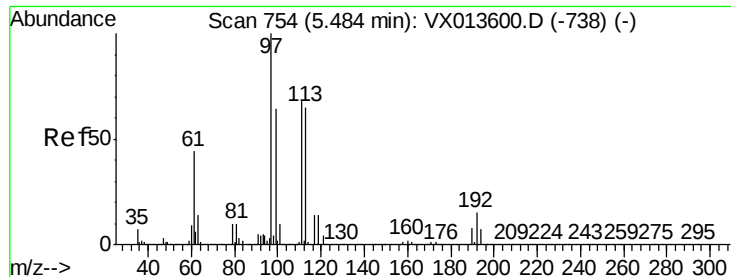
Tot Ion: 83 Resp: 6372
Ion Ratio Lower Upper
83 100
85 42.5 50.2 75.4#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion: 56 Resp: 12840
Ion Ratio Lower Upper
56 100
69 189.1 24.6 36.8#
84 137.0 70.0 105.0#





#32

1,1,1-Trichloroethane

Concen: 0.241 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

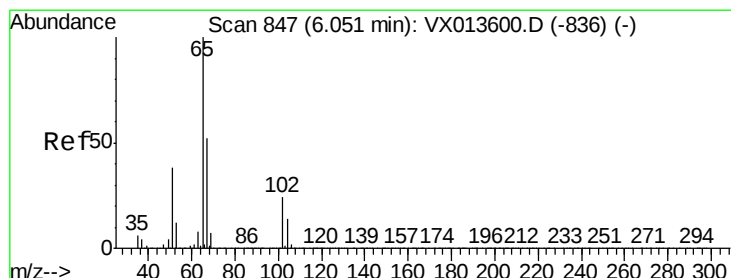
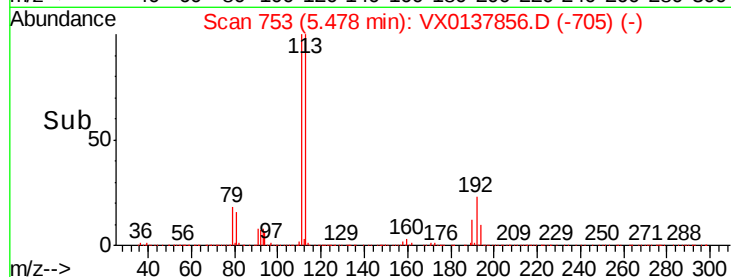
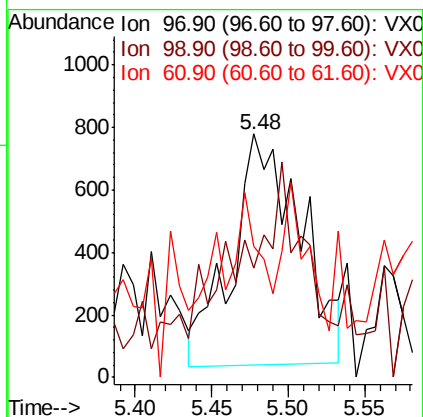
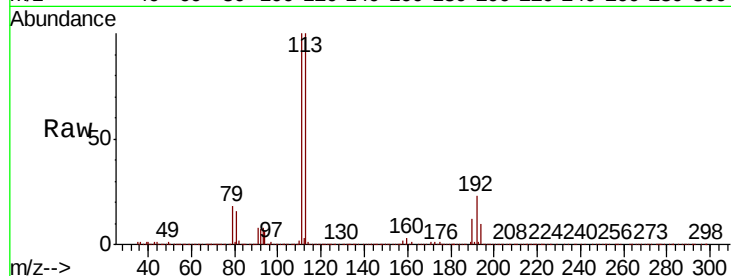
Tot Ion: 97 Resp: 2297

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

61 0.0 36.1 54.1#



#33

1,2-Dichloroethane-d4

Concen: 48.622 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX0137856.D

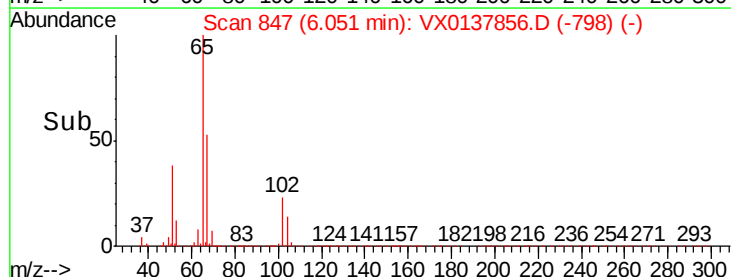
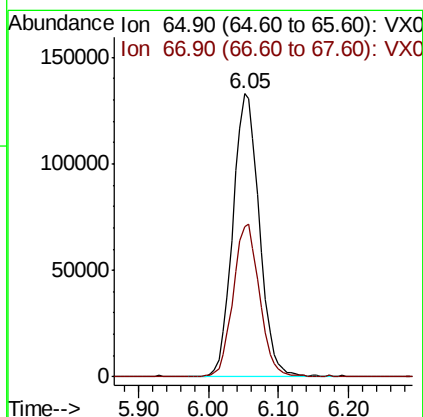
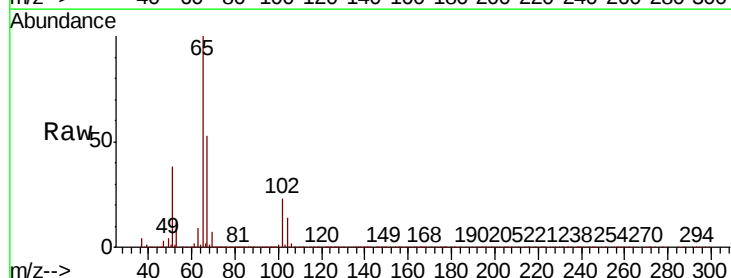
Acq: 09 Dec 2019 17:20

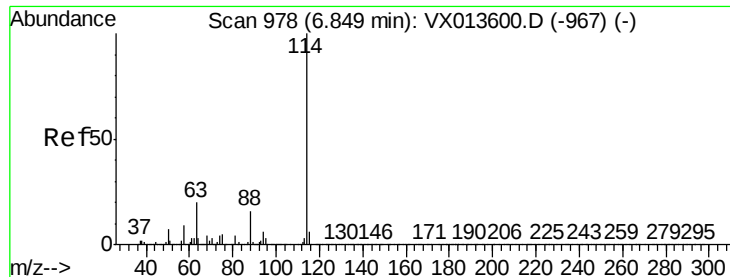
Tgt Ion: 65 Resp: 349666

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

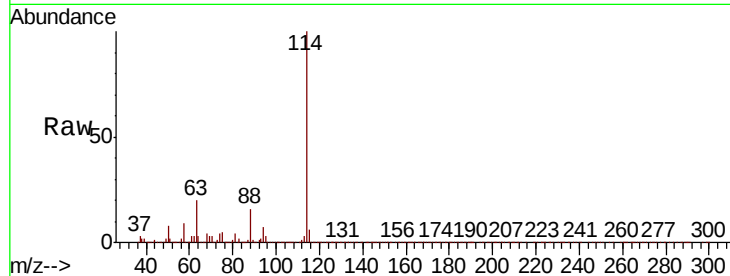
Tot Ion:114 Resp: 958952

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

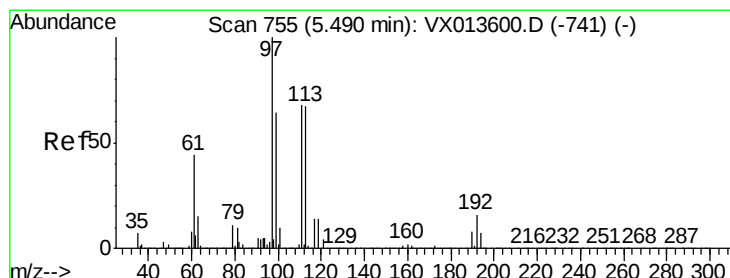
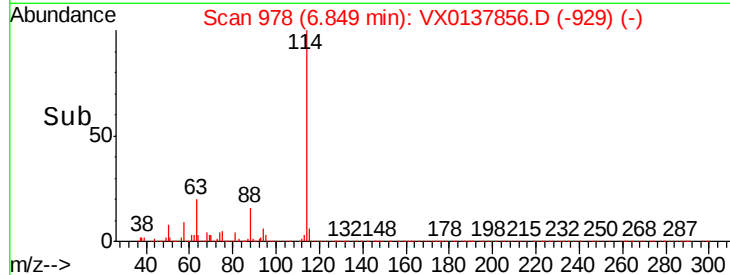
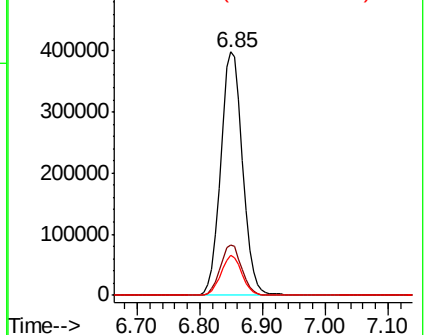
88 16.4 0.0 31.4



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: 48.165 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

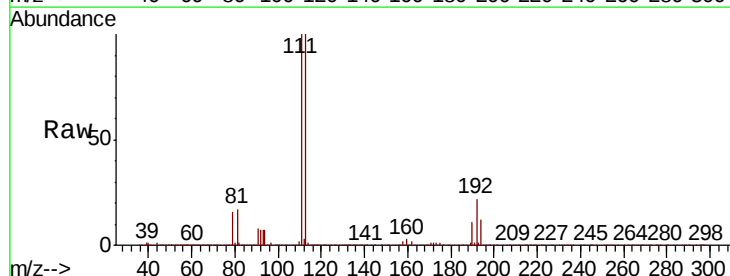
Tgt Ion:113 Resp: 285542

Ion Ratio Lower Upper

113 100

111 100.6 83.6 125.4

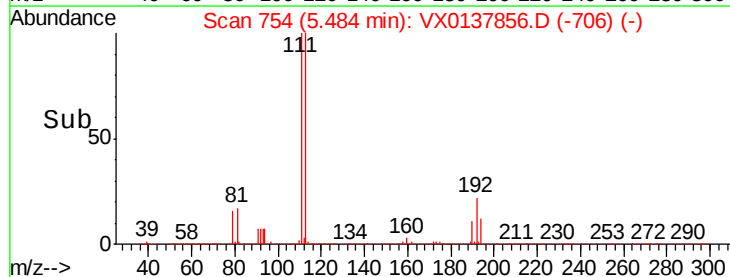
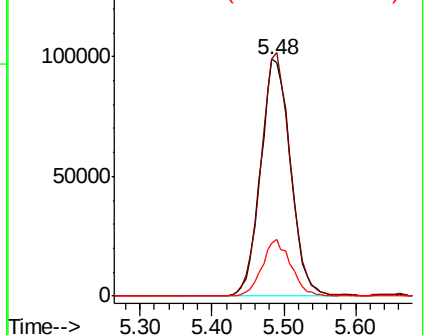
192 22.7 19.2 28.8

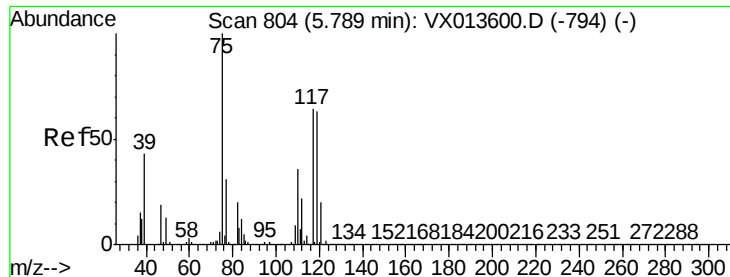


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.652 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX0137856.D

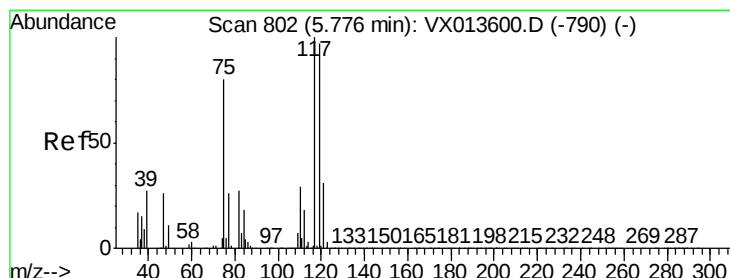
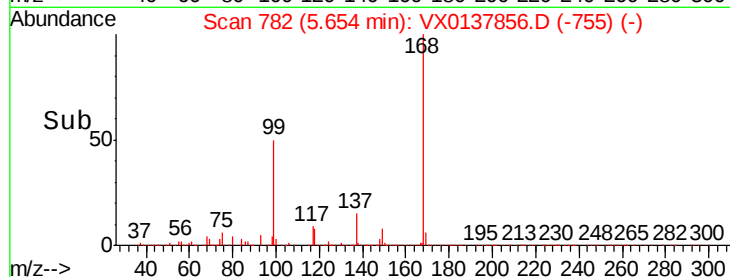
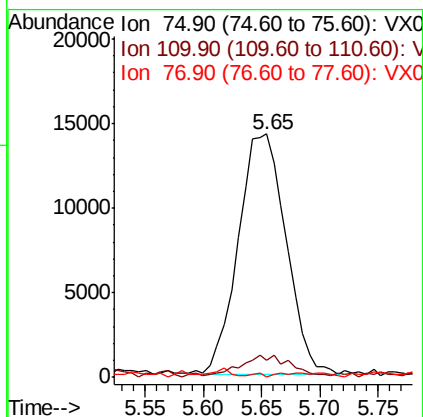
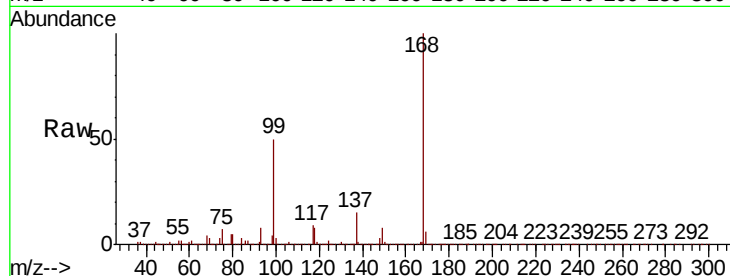
Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	75	Resp:	40499
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.5	24.5	36.7#



#38

Carbon Tetrachloride

Concen: 0.307 ug/l

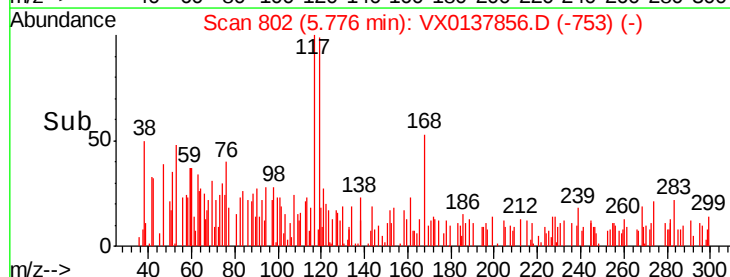
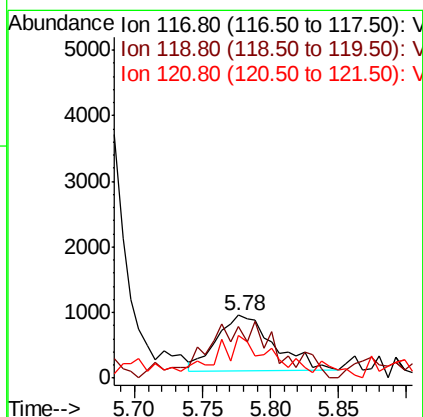
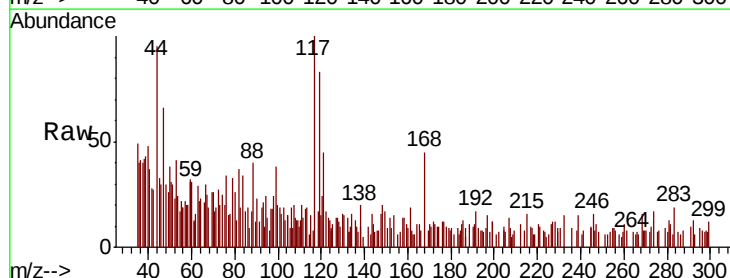
RT: 5.78 min Scan# 802

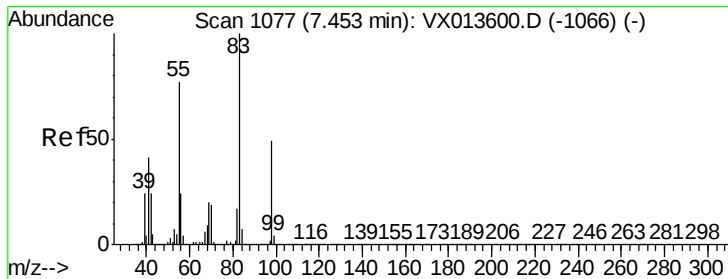
Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Tgt Ion:	117	Resp:	2467
Ion	Ratio	Lower	Upper
117	100		
119	77.6	77.5	116.3
121	65.3	25.0	37.6#





#39

Methylcyclohexane

Concen: 4.896 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.24 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampled :

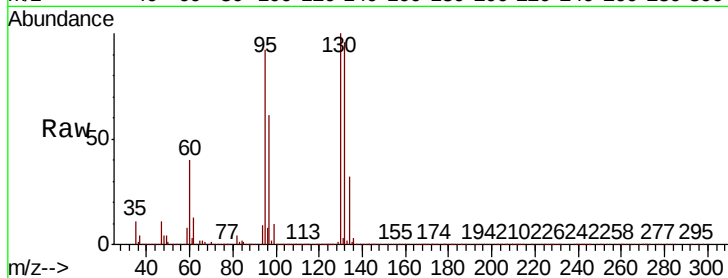
Tot Ion: 83 Resp: 52684

Ion Ratio Lower Upper

83 100

55 0.2 61.9 92.9#

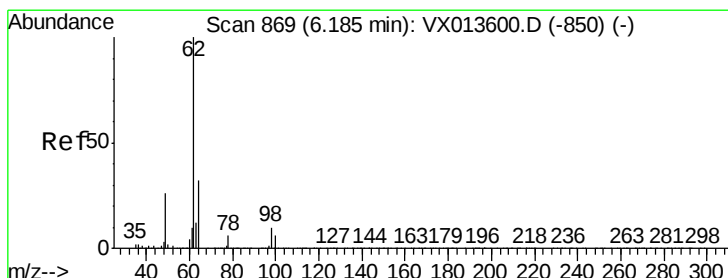
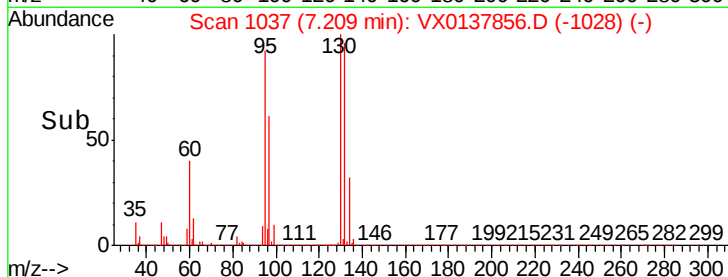
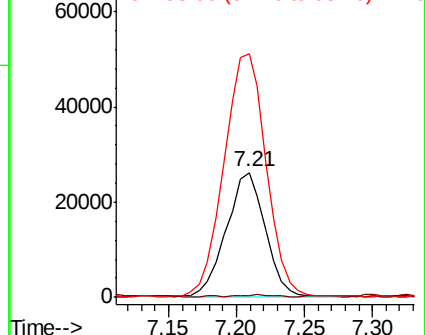
98 193.8 39.4 59.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#42

1,2-Dichloroethane

Concen: 0.251 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX0137856.D

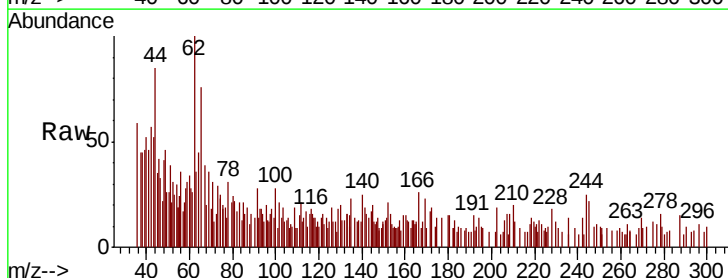
Acq: 09 Dec 2019 17:20

Tgt Ion: 62 Resp: 2269

Ion Ratio Lower Upper

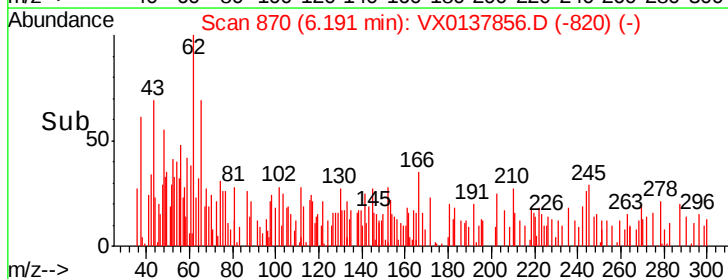
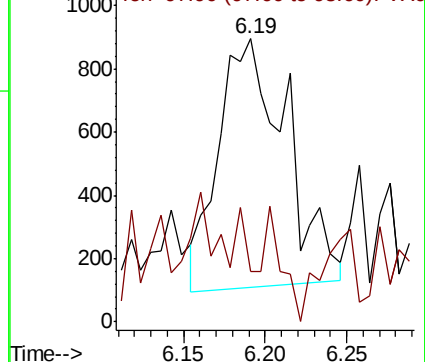
62 100

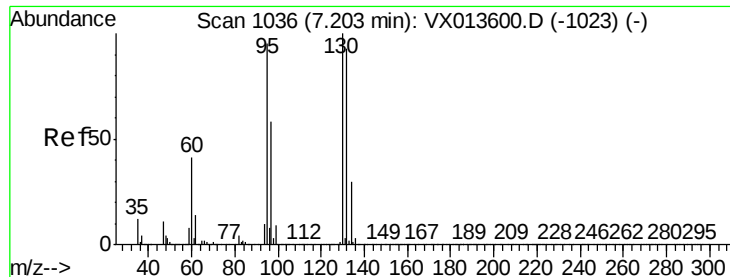
98 11.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 645.889 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

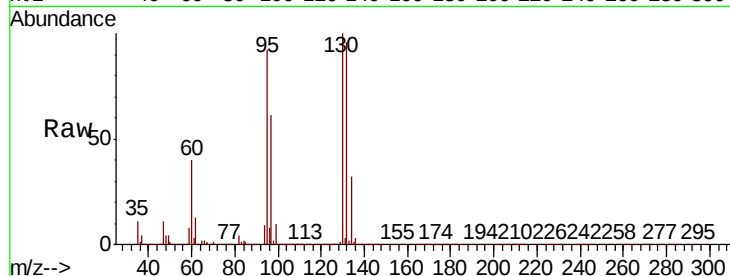
ClientSampled :

Tot Ion:130 Resp: 4699606

Ion Ratio Lower Upper

130 100

95 92.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): VX0

Ion 94.90 (94.60 to 95.60): VX0

7.21

2500000

2000000

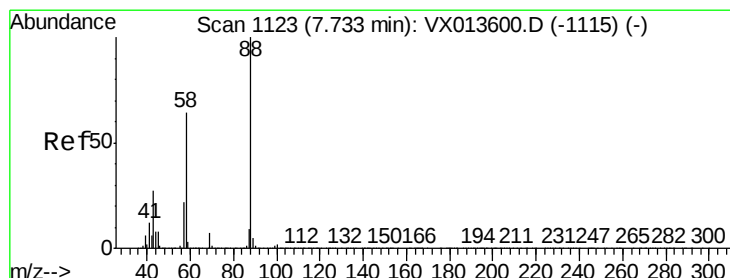
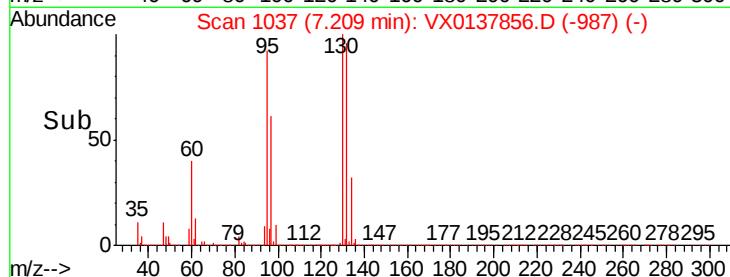
1500000

1000000

500000

0

Time-->



#49

1,4-Dioxane

Concen: 19.651 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

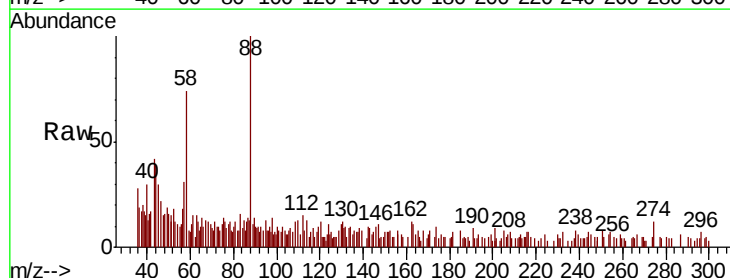
Tgt Ion: 88 Resp: 3436

Ion Ratio Lower Upper

88 100

43 29.4 25.8 38.6

58 68.6 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

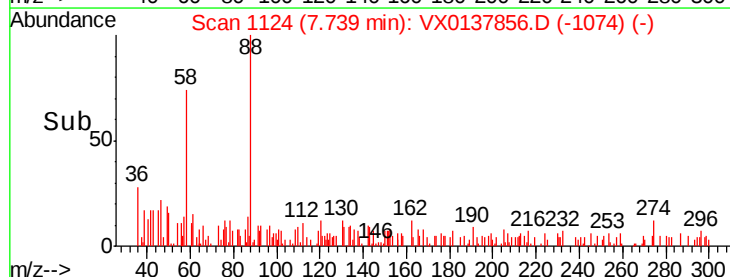
1500

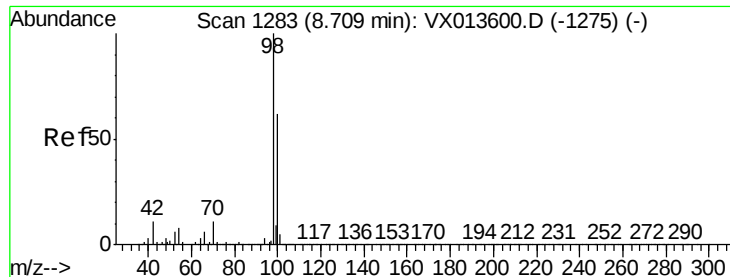
1000

500

0

Time-->





#50

Toluene-d8

Concen: 48.690 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

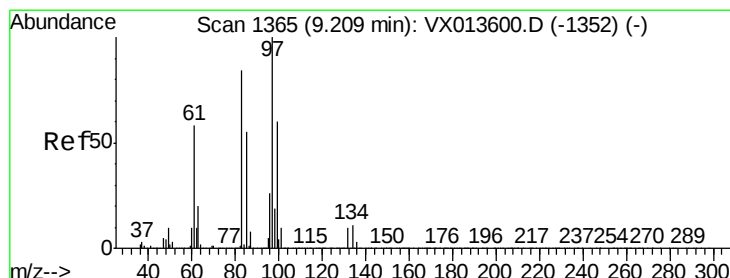
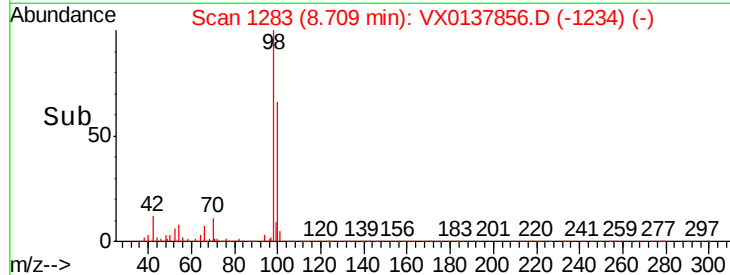
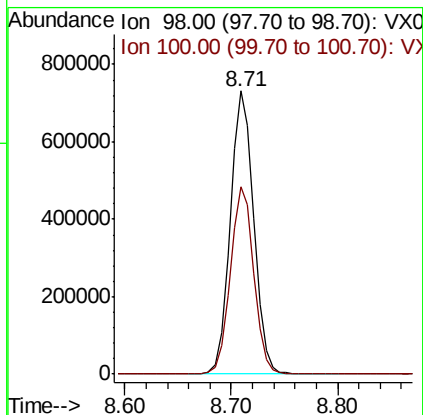
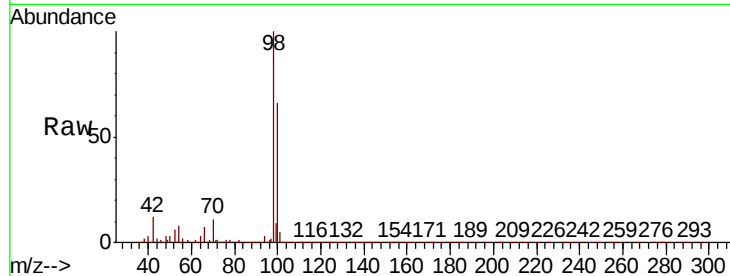
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 1124626

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#55

1,1,2-Trichloroethane

Concen: 0.539 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Tgt Ion: 97 Resp: 3576

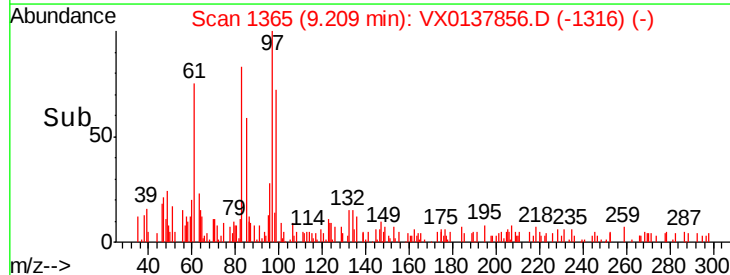
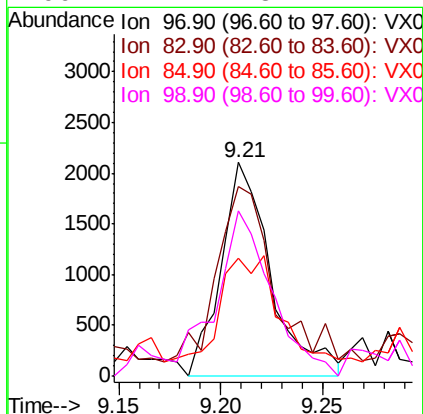
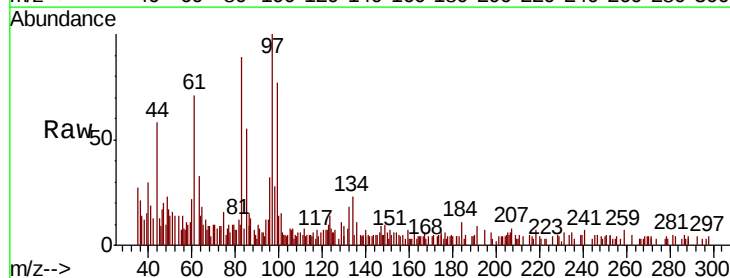
Ion Ratio Lower Upper

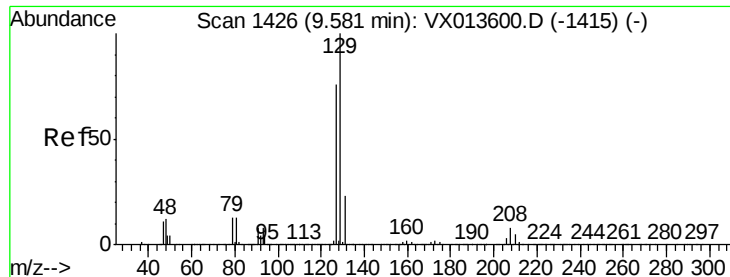
97 100

83 81.2 67.3 100.9

85 47.4 43.6 65.4

99 77.2 48.2 72.4#





#60

Dibromochloromethane

Concen: 3.631 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

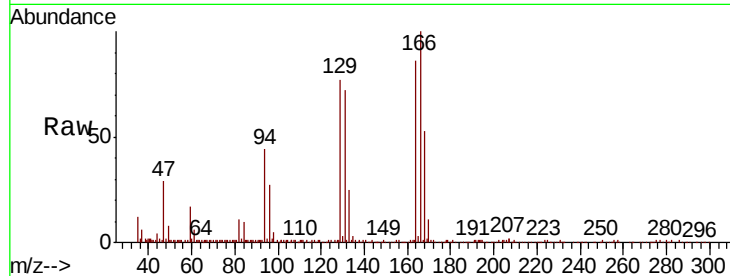
ClientSampleId :

Tot Ion:129 Resp: 25011

Ion Ratio Lower Upper

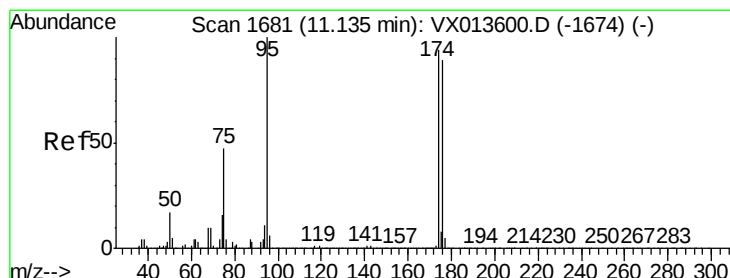
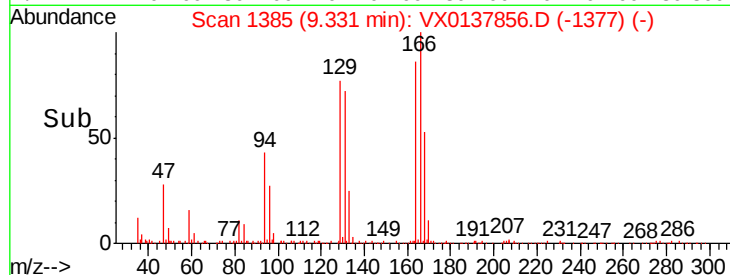
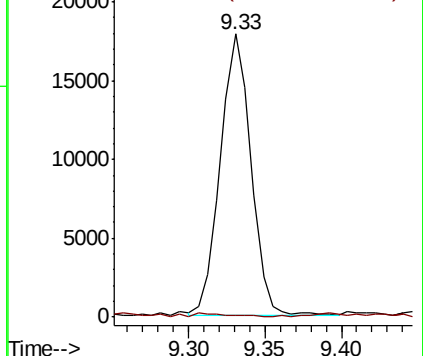
129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.868 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

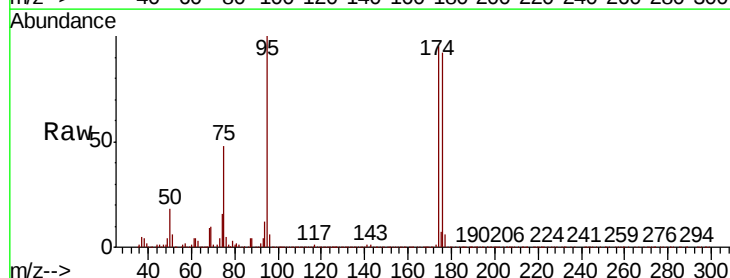
Tgt Ion: 95 Resp: 373709

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

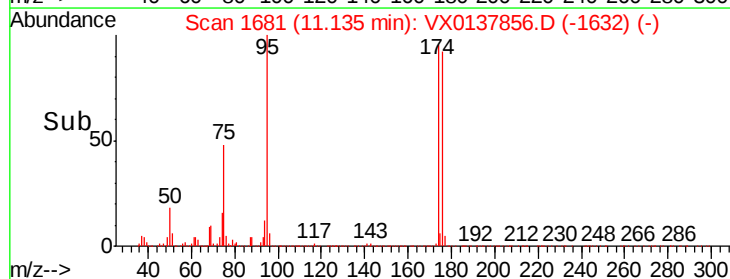
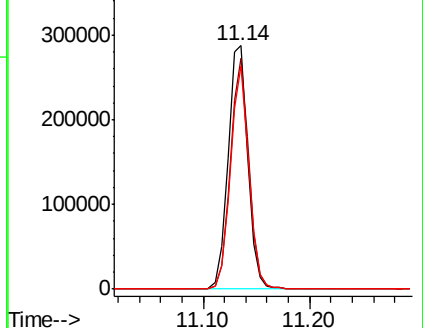
176 86.0 0.0 173.6

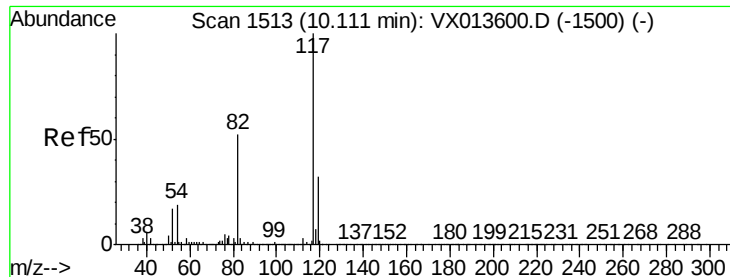


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

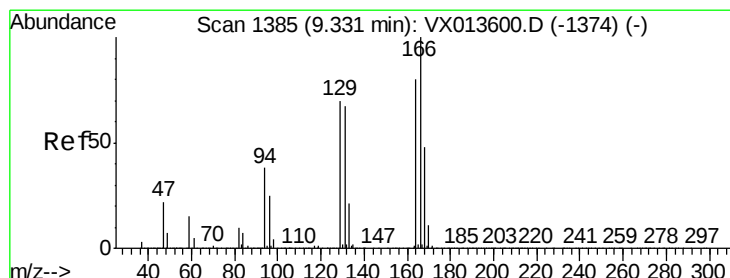
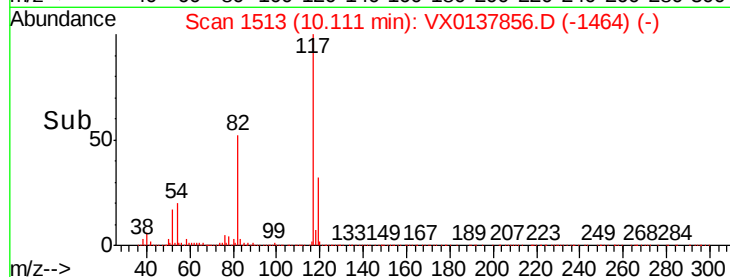
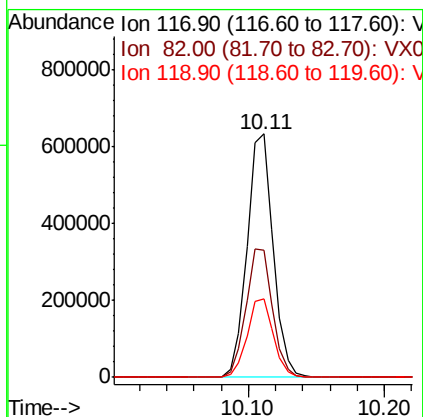
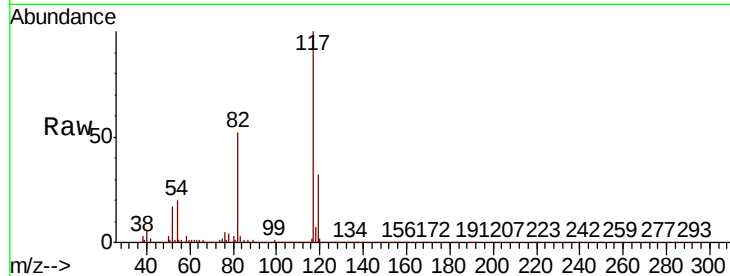




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

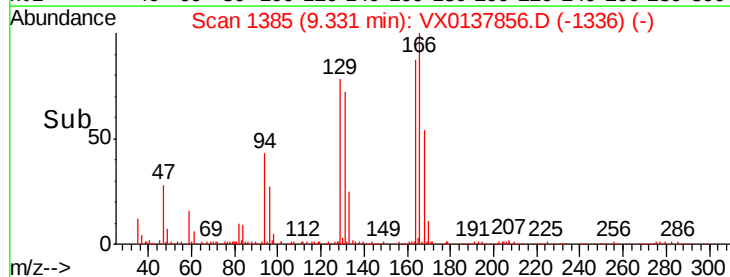
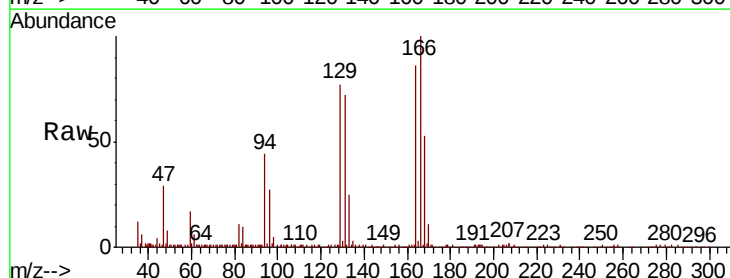
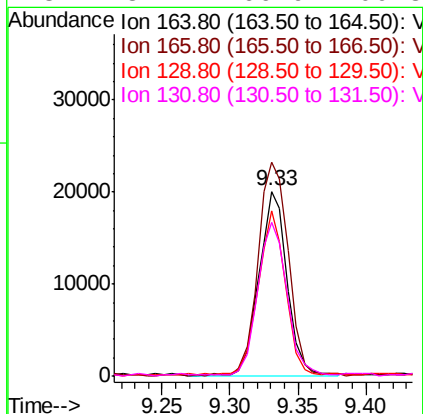
Instrument :
MSVOA_X
ClientSampleId :

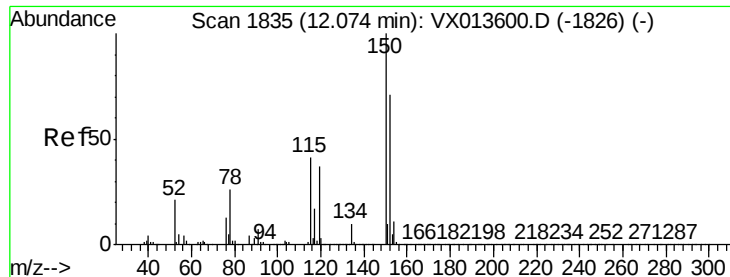
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.1	25.8	38.8



#64
Tetrachloroethene
Concen: 4.621 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.1	99.7	149.5
129	88.4	70.1	105.1
131	82.4	66.9	100.3



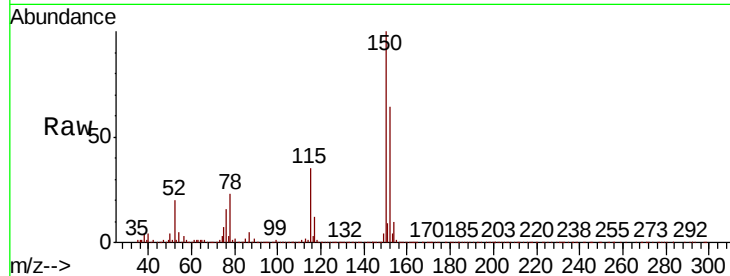


#72

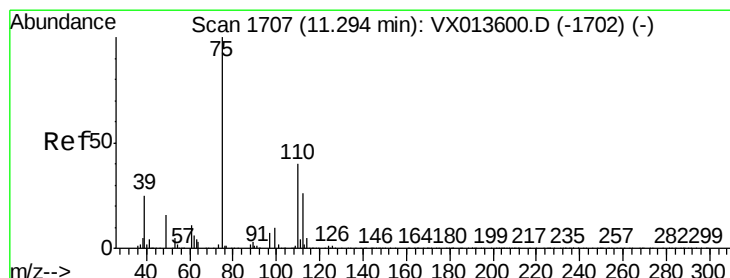
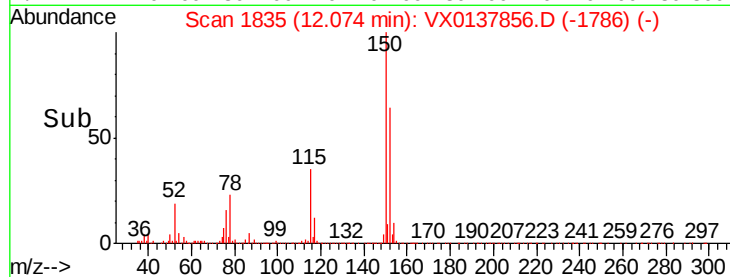
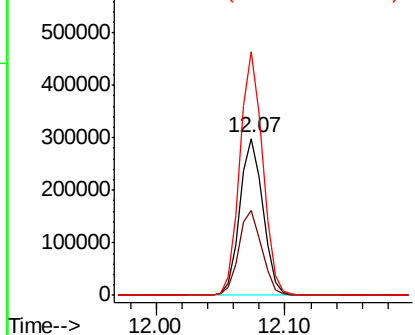
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	154.0	0.0	346.8



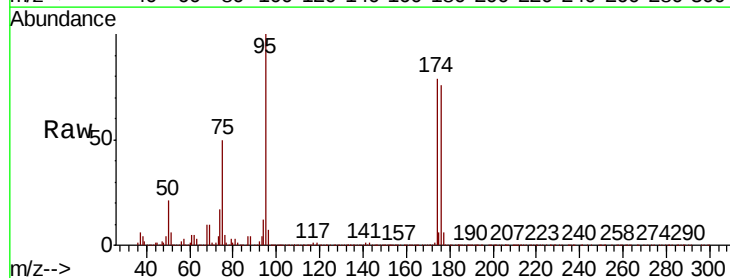
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



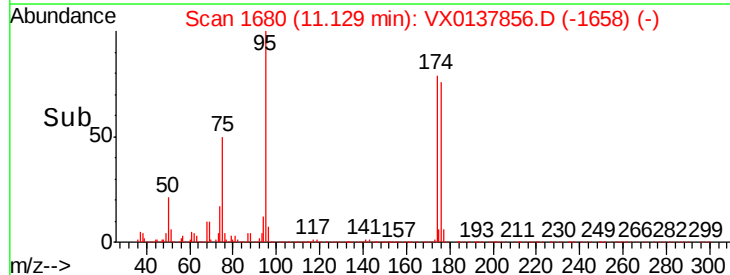
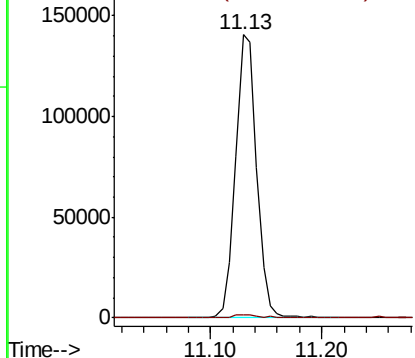
#76

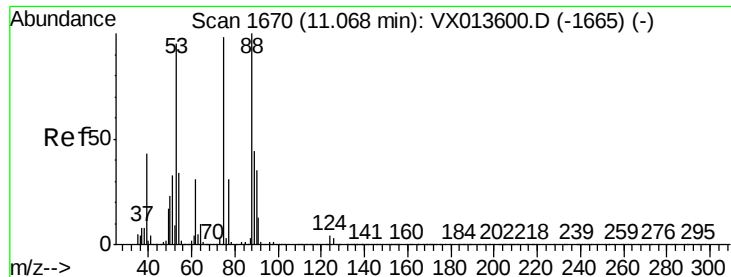
1,2,3-Trichloropropane
Concen: 21.974 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#



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: 60.117 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

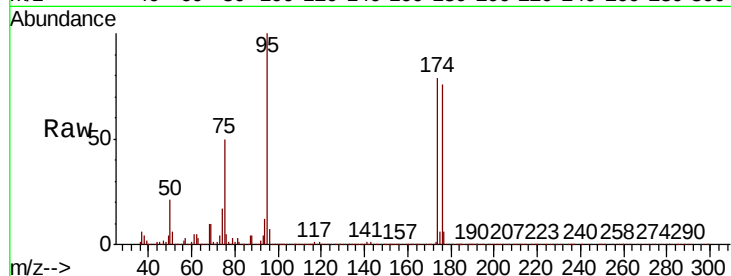
Tot Ion: 75 Resp: 183596

Ion Ratio Lower Upper

75 100

53 0.8 78.2 117.2#

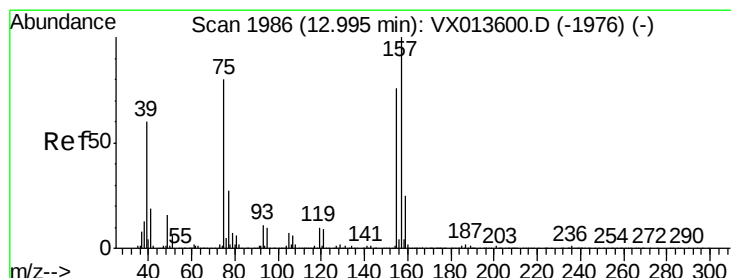
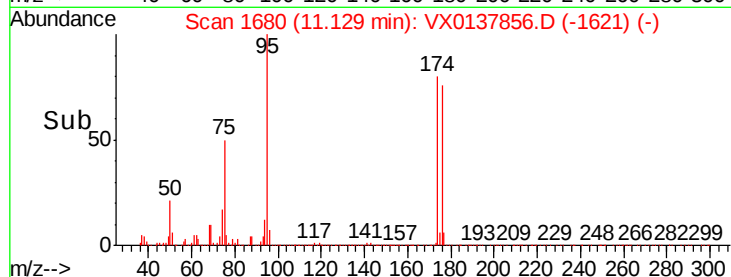
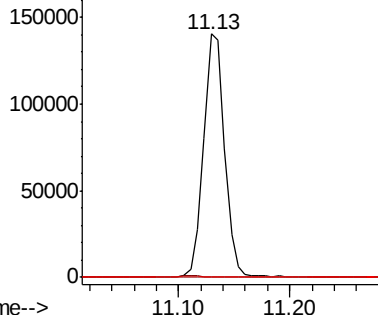
89 0.1 35.4 53.2#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.220 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

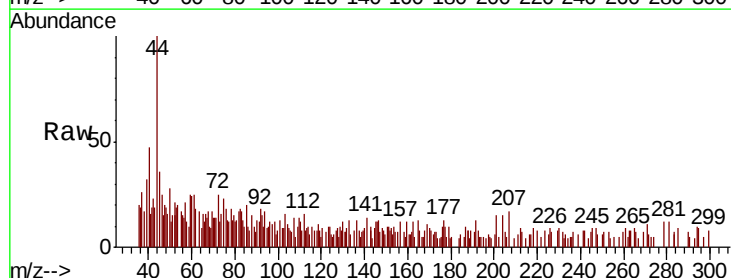
Tgt Ion: 75 Resp: 433

Ion Ratio Lower Upper

75 100

155 32.1 47.6 142.8#

157 61.9 62.1 186.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

