

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010480.D
 Acq On : 27 Jun 2019 11:49
 Operator : JC/SP
 Sample : K3543-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:45:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162700	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	122467	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	122126	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	8.71	98	471063	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	152519	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	

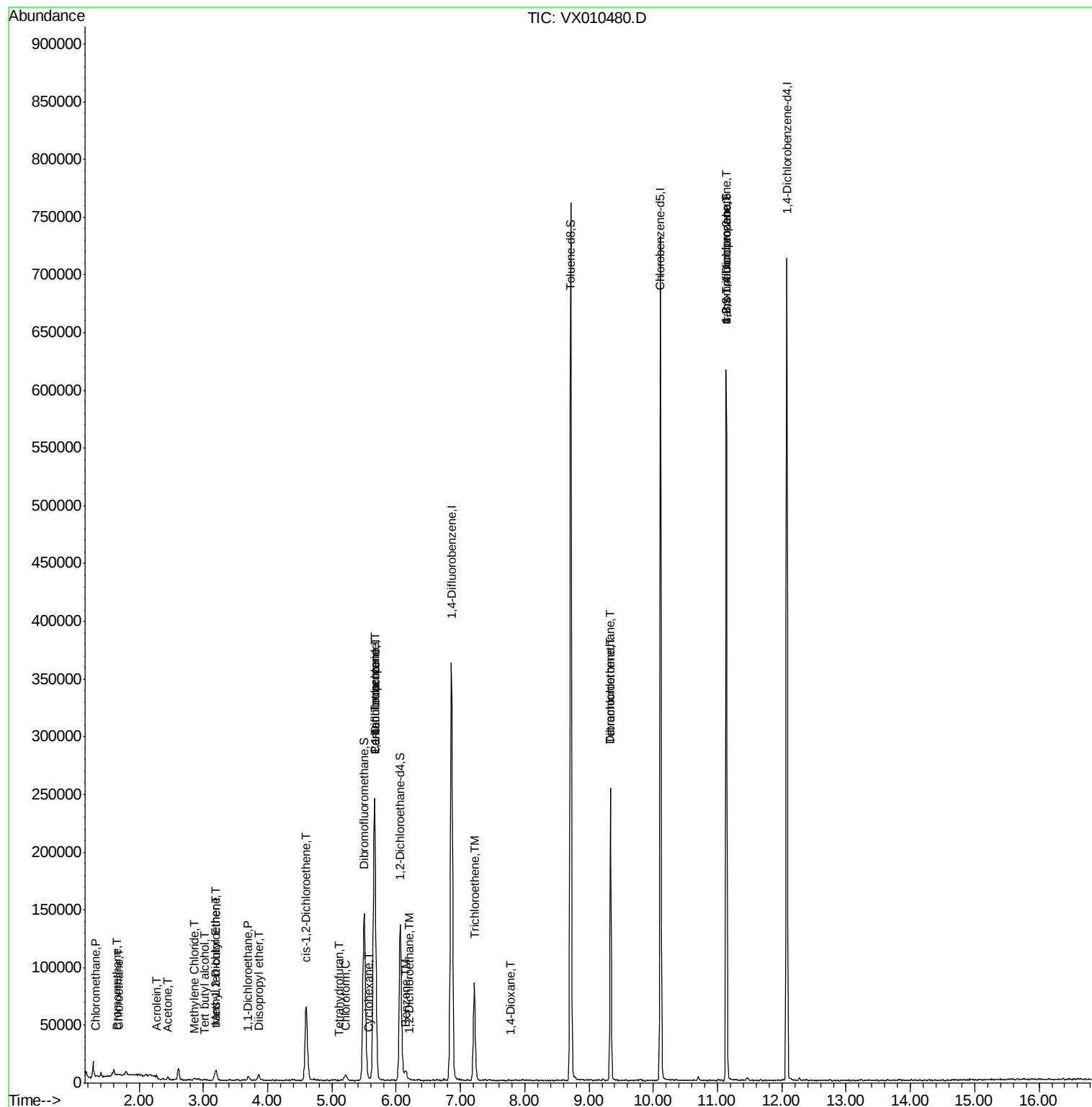
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	992	0.477	ug/l #	76
5) Bromomethane	1.66	94	407	0.367	ug/l	98
6) Chloroethane	1.69	64	561	0.418	ug/l #	41
11) Tert butyl alcohol	3.02	59	914	1.451	ug/l #	91
13) Acrolein	2.28	56	299	0.716	ug/l	90
16) Acetone	2.45	43	2804	2.324	ug/l	88
19) Methyl tert-butyl Ether	3.20	73	9811	1.401	ug/l	93
20) Methylene Chloride	2.87	84	842	0.339	ug/l #	74
21) trans-1,2-Dichloroethene	3.18	96	816	0.341	ug/l #	64
22) Diisopropyl ether	3.86	45	5507	0.834	ug/l #	76
24) 1,1-Dichloroethane	3.70	63	3415	0.894	ug/l #	93
27) cis-1,2-Dichloroethene	4.60	96	44619	16.133	ug/l	91
29) Tetrahydrofuran	5.11	42	223	0.203	ug/l #	44
30) Chloroform	5.22	83	4947	1.204	ug/l	91
31) Cyclohexane	5.57	56	770	0.221	ug/l #	60
36) 1,1-Dichloropropene	5.66	75	15656	4.954	ug/l #	48
38) Carbon Tetrachloride	5.67	117	23096	6.749	ug/l #	14
40) Benzene	6.15	78	9210	0.935	ug/l	94
42) 1,2-Dichloroethane	6.20	62	1326	0.442	ug/l	90
44) Trichloroethene	7.21	130	34337	11.655	ug/l	95
49) 1,4-Dioxane	7.79	88	21	0.292	ug/l #	1
60) Dibromochloromethane	9.34	129	44657	14.915	ug/l #	11
64) Tetrachloroethene	9.34	164	50404	17.384	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	72198	24.352	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	72198	56.810	ug/l #	16

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

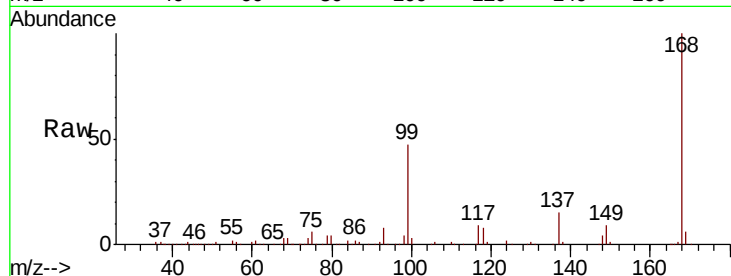
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 256732

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

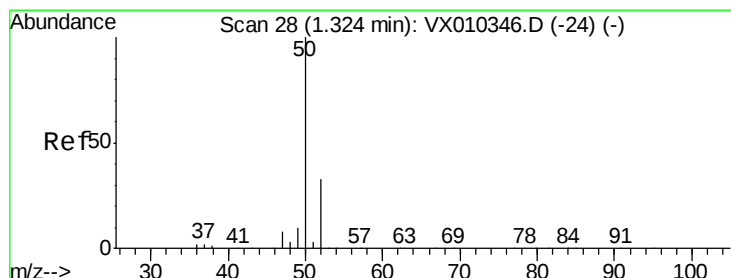
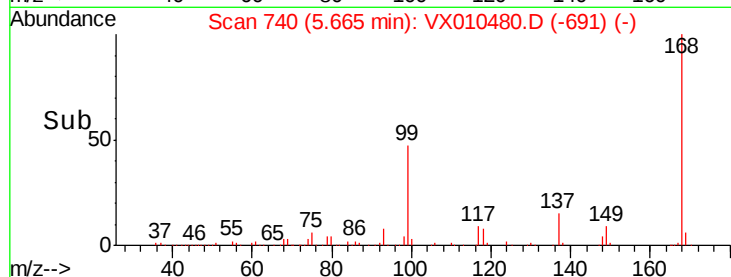
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.477 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010480.D

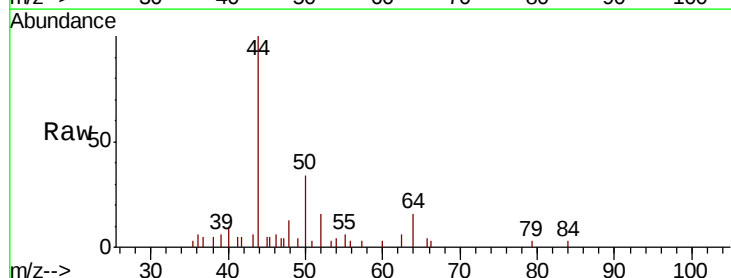
Acq: 27 Jun 2019 11:49

Tgt Ion: 50 Resp: 992

Ion Ratio Lower Upper

50 100

52 46.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

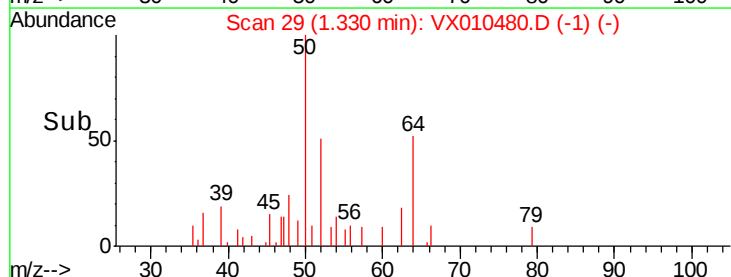
600

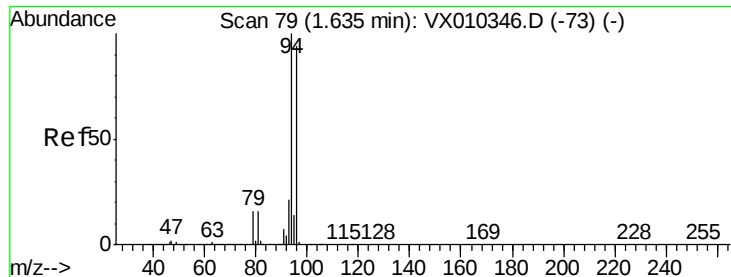
400

200

0

Time-->





#5

Bromomethane

Concen: 0.367 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

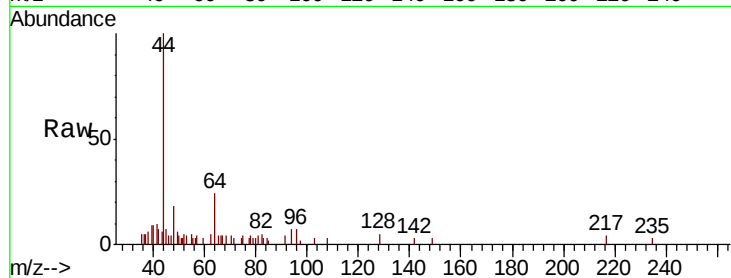
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 407

Ion Ratio Lower Upper

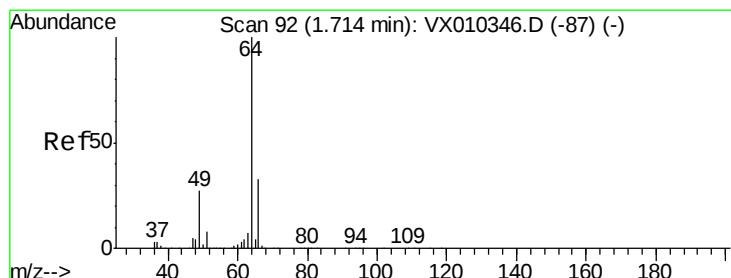
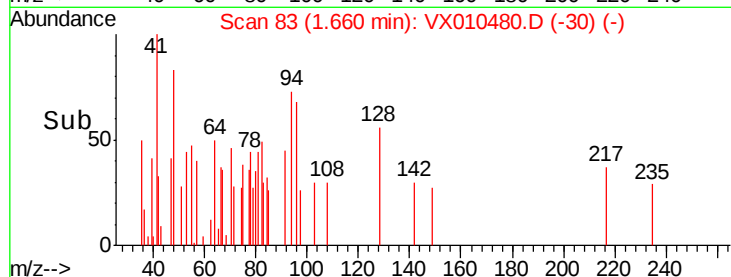
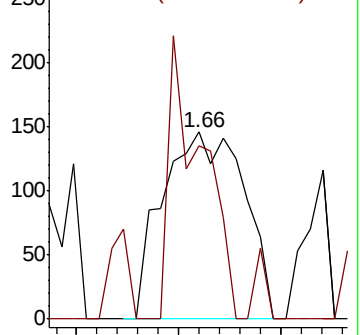
94 100

96 92.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.418 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX010480.D

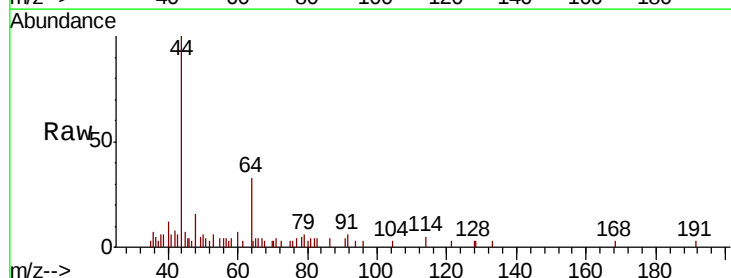
Acq: 27 Jun 2019 11:49

Tgt Ion: 64 Resp: 561

Ion Ratio Lower Upper

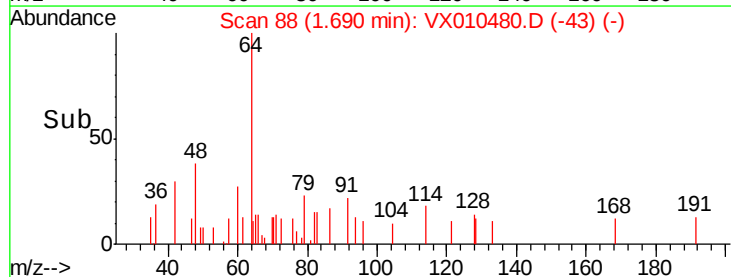
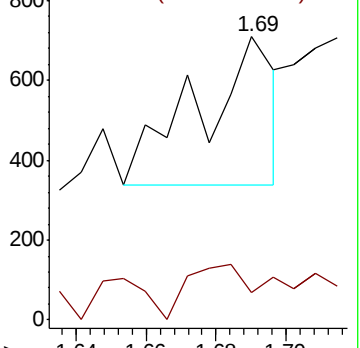
64 100

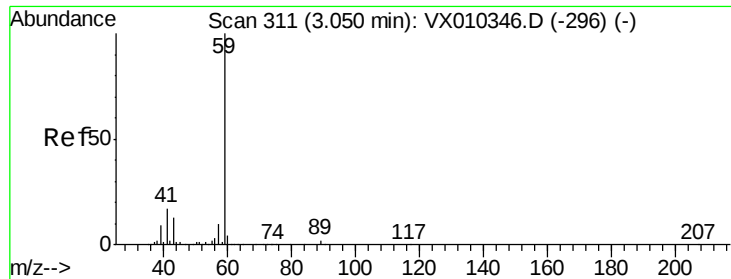
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



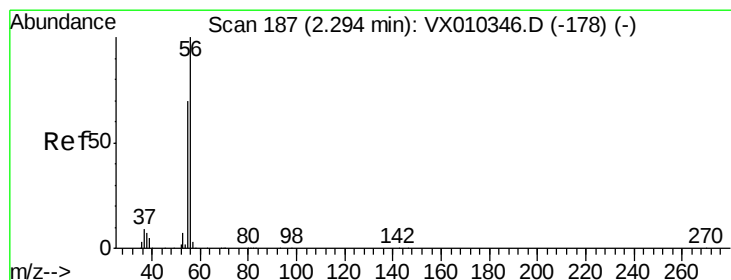
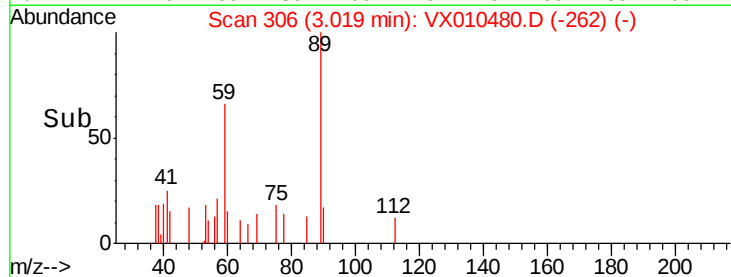
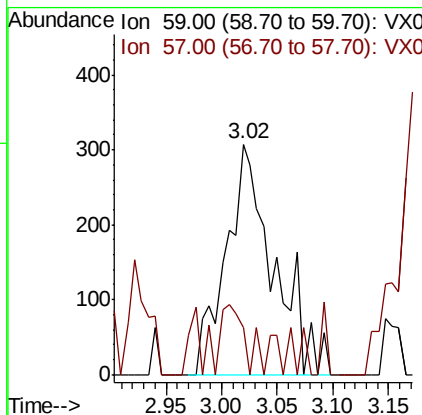
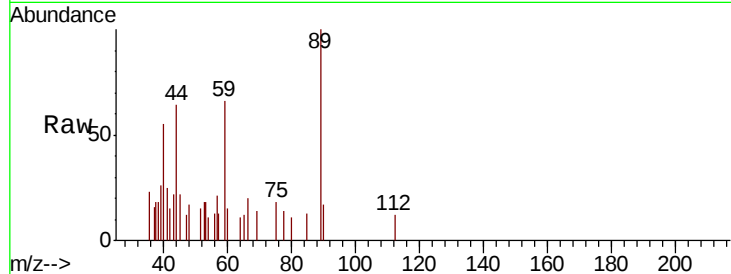


#11

Tert butyl alcohol
 Concen: 1.451 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Instrument :
 MSVOA_X
 ClientSampled :

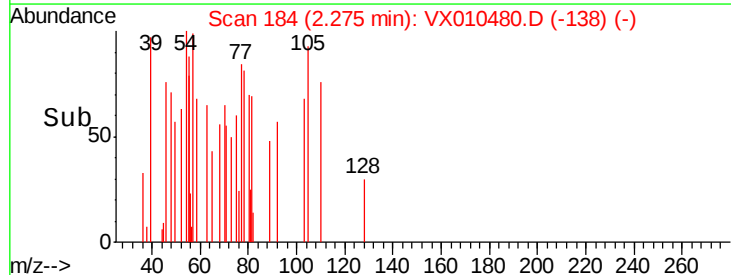
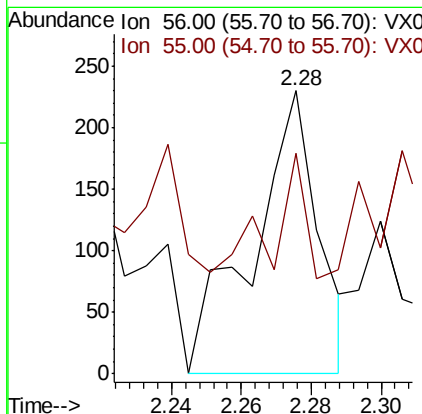
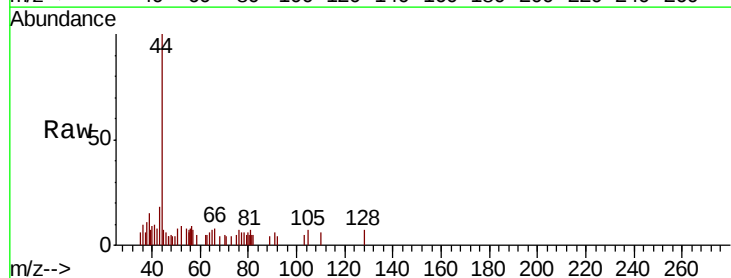
Tot Ion: 59 Resp: 914
 Ion Ratio Lower Upper
 59 100
 57 12.9 7.7 11.5#

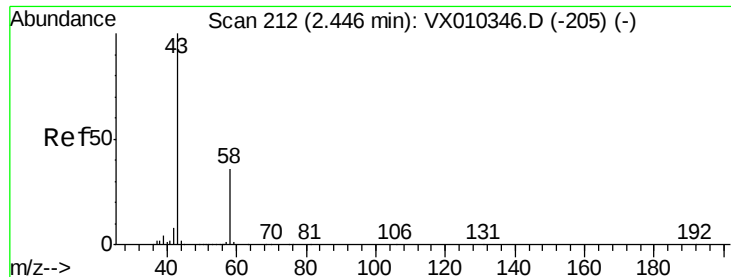


#13

Acrolein
 Concen: 0.716 ug/l
 RT: 2.28 min Scan# 184
 Delta R.T. -0.02 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion: 56 Resp: 299
 Ion Ratio Lower Upper
 56 100
 55 79.6 56.9 85.3





#16

Acetone

Concen: 2.324 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

Instrument :

MSVOA_X

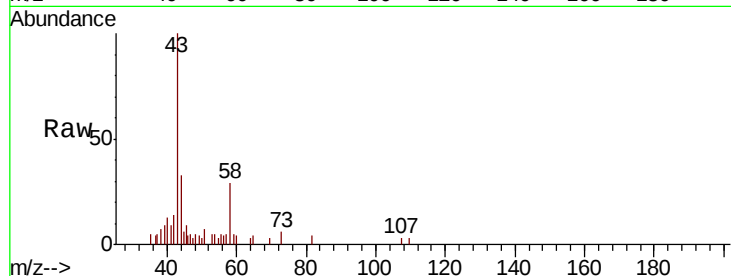
ClientSampleId :

Tot Ion: 43 Resp: 2804

Ion Ratio Lower Upper

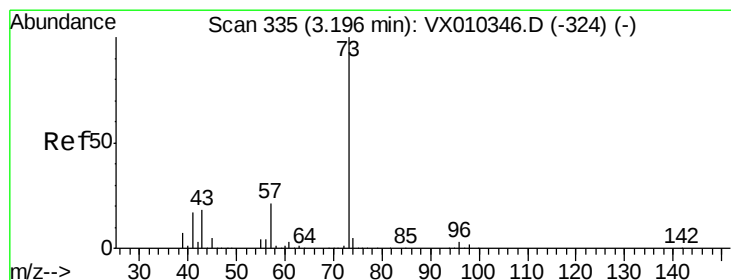
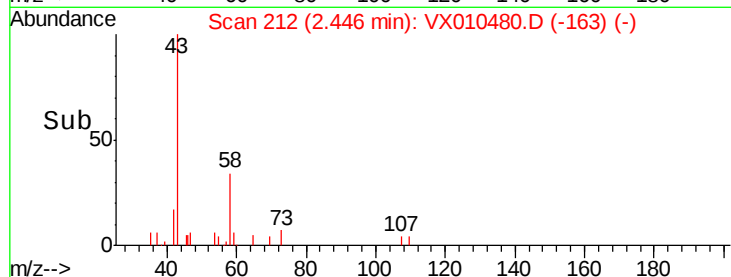
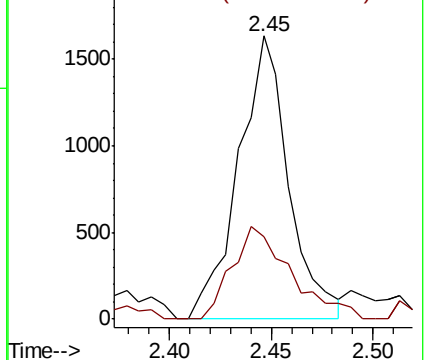
43 100

58 29.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 1.401 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010480.D

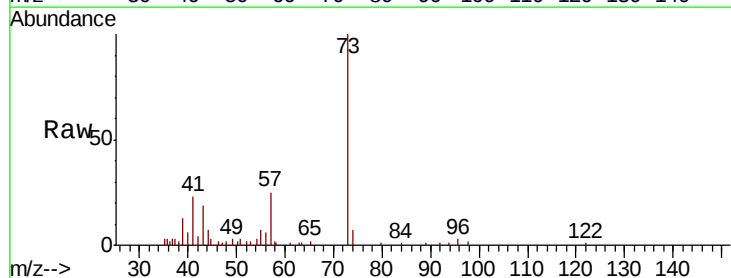
Acq: 27 Jun 2019 11:49

Tgt Ion: 73 Resp: 9811

Ion Ratio Lower Upper

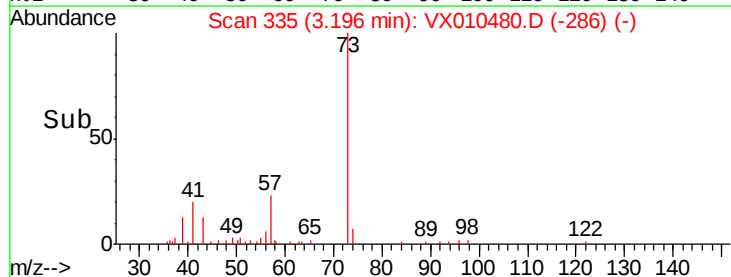
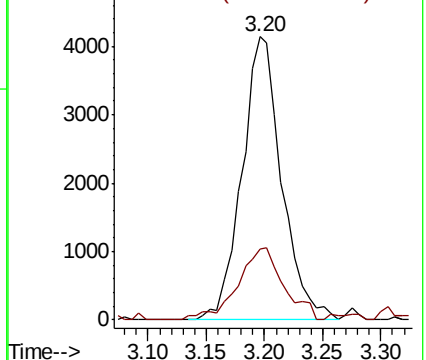
73 100

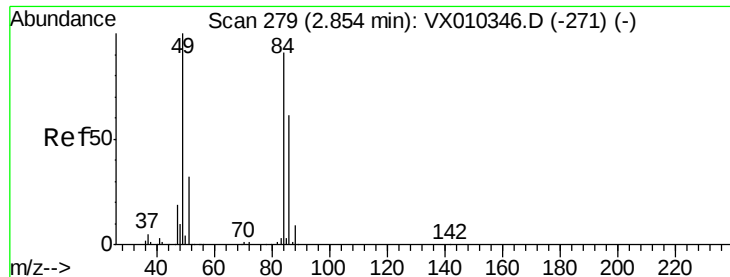
57 23.7 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

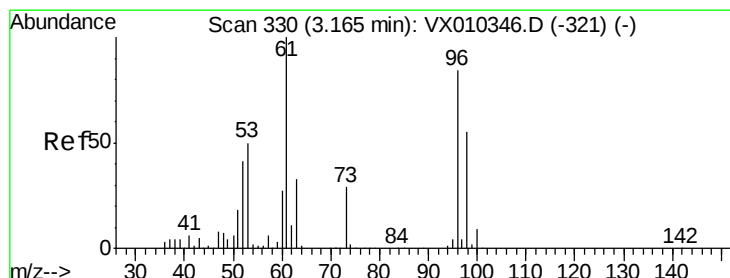
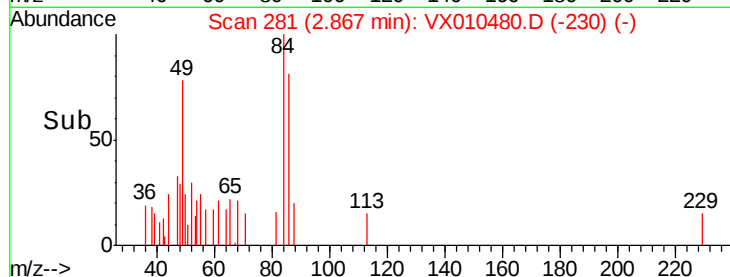
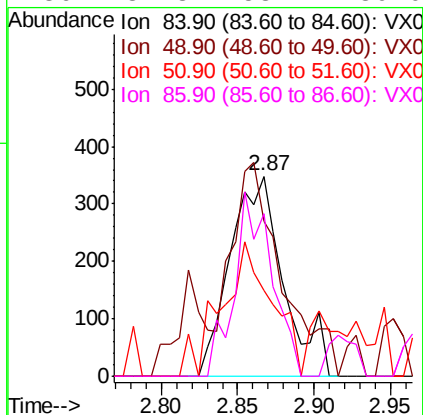
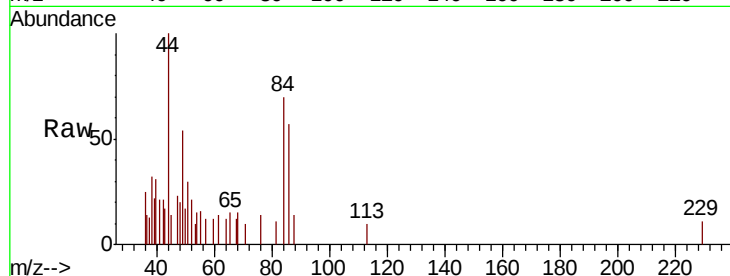




#20
Methvlene Chloride
Concen: 0.339 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

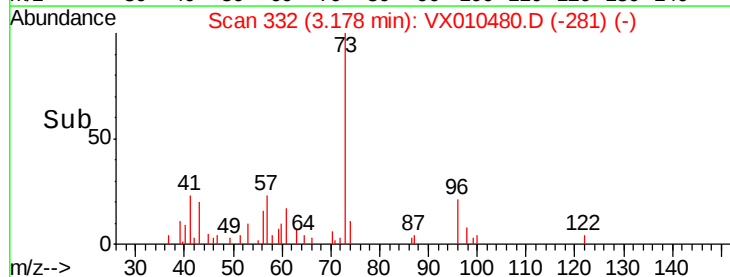
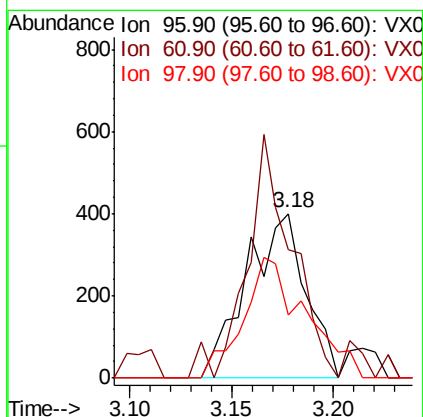
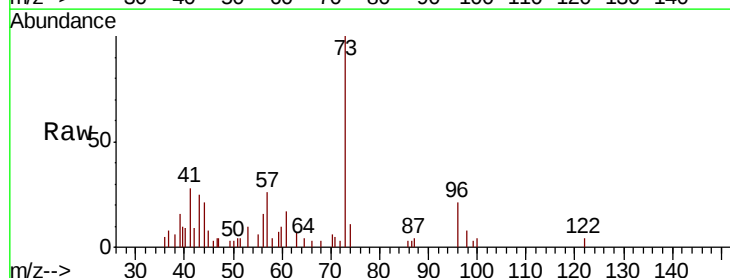
Instrument :
MSVOA_X
ClientSampleId :

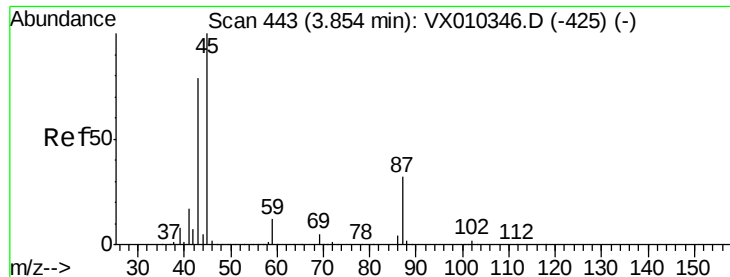
Tot Ion: 84 Resp: 842
Ion Ratio Lower Upper
84 100
49 77.6 87.5 131.3#
51 20.4 27.7 41.5#
86 81.3 53.4 80.0#



#21
trans-1,2-Dichloroethene
Concen: 0.341 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 96 Resp: 816
Ion Ratio Lower Upper
96 100
61 78.3 95.6 143.4#
98 38.2 52.5 78.7#



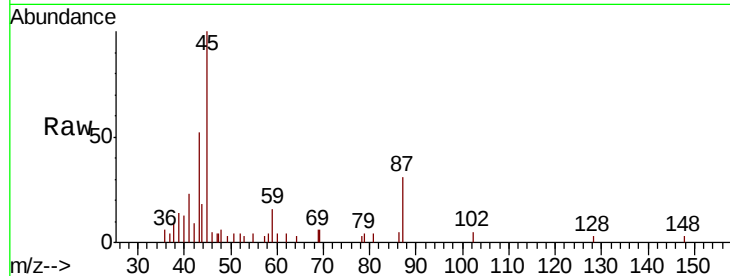


#22

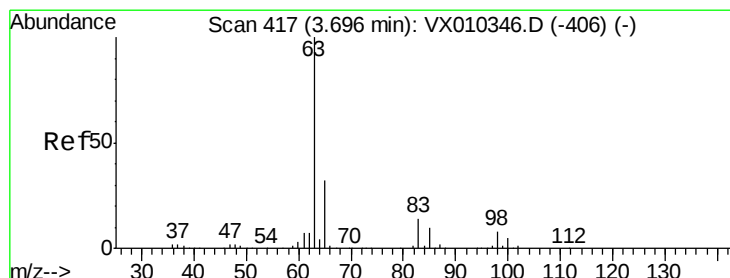
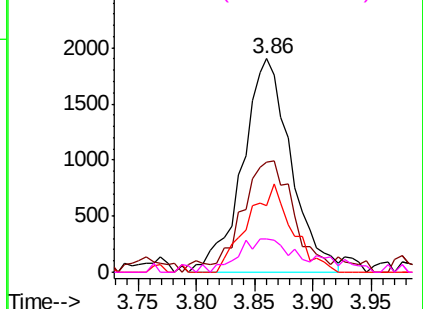
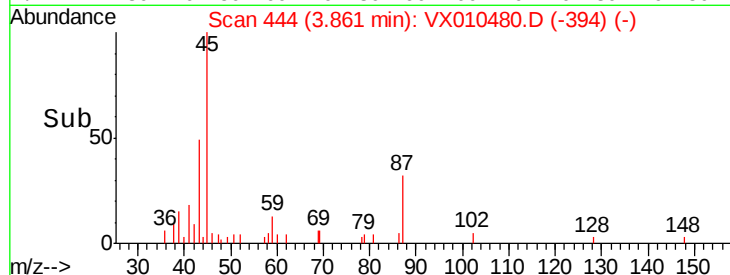
Diisopropyl ether
 Concen: 0.834 ug/l
 RT: 3.86 min Scan# 444
 Delta R.T. 0.01 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	45	Resp:	5507
Ion	Ratio	Lower	Upper
45	100		
43	47.8	63.3	94.9#
87	31.3	25.8	38.8
59	13.0	9.6	14.4



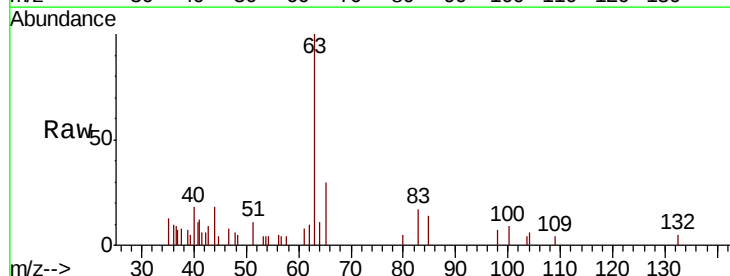
Abundance Ion 45.00 (44.70 to 45.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0
 Ion 59.00 (58.70 to 59.70): VX0



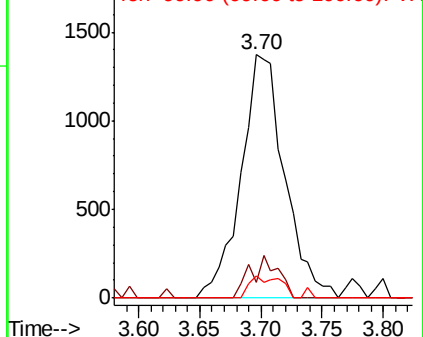
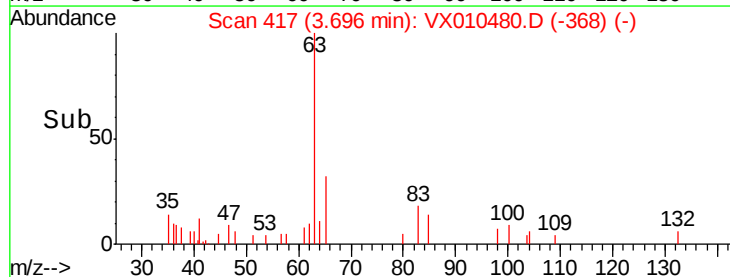
#24

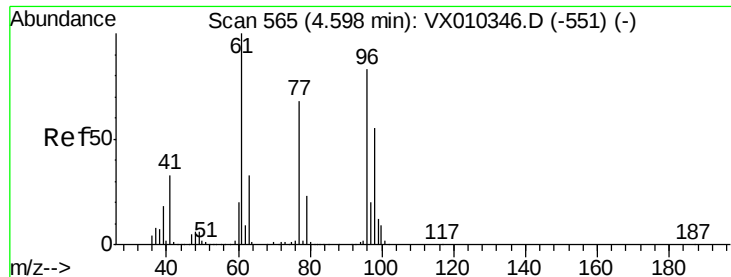
1,1-Dichloroethane
 Concen: 0.894 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion:	63	Resp:	3415
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.9	11.7
100	9.0	2.4	7.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0



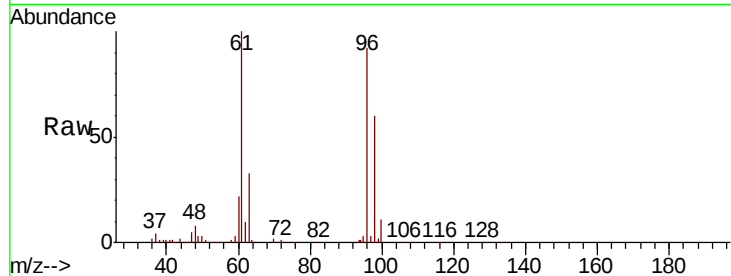


#27

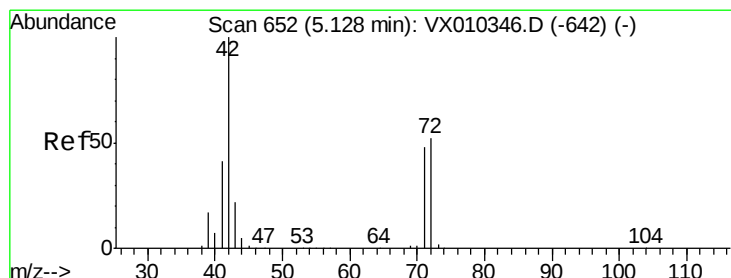
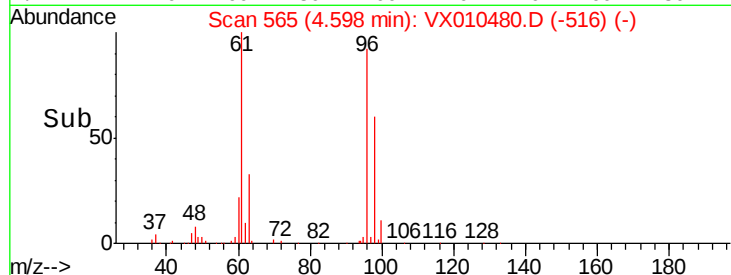
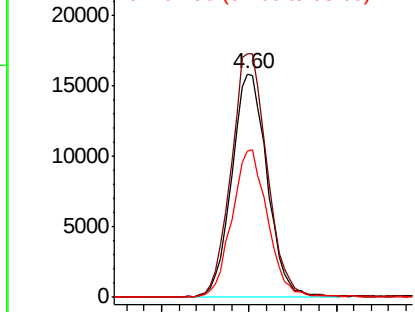
cis-1,2-Dichloroethene
 Concen: 16.133 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 44619
 Ion Ratio Lower Upper
 96 100
 61 111.3 0.0 251.8
 98 66.0 0.0 129.4



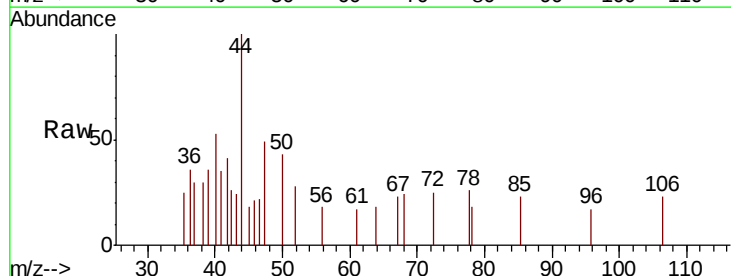
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



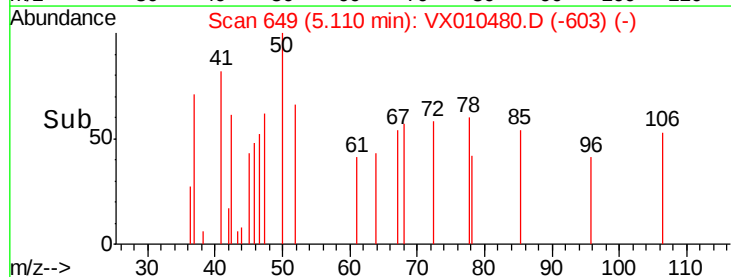
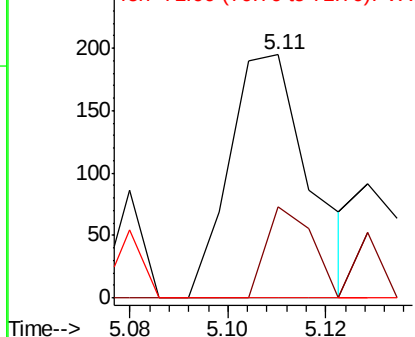
#29

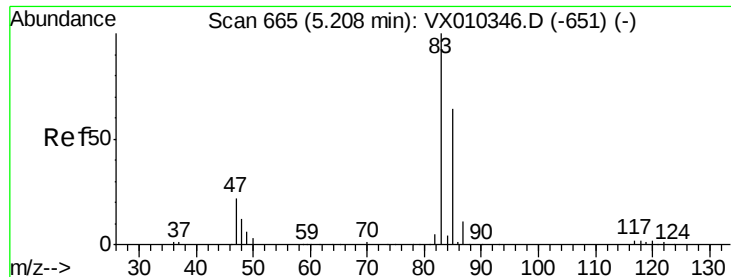
Tetrahydrofuran
 Concen: 0.203 ug/l
 RT: 5.11 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion: 42 Resp: 223
 Ion Ratio Lower Upper
 42 100
 72 21.1 40.6 60.8#
 71 0.0 37.8 56.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

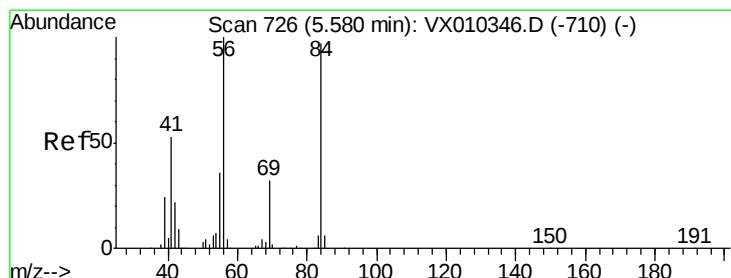
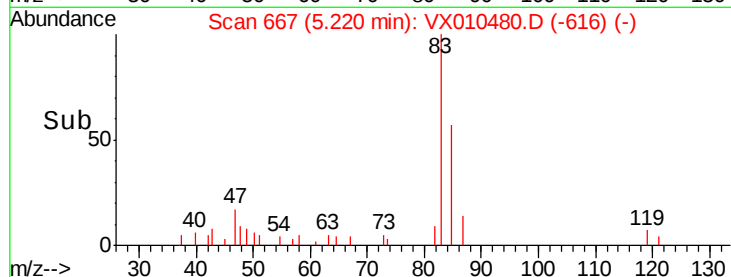
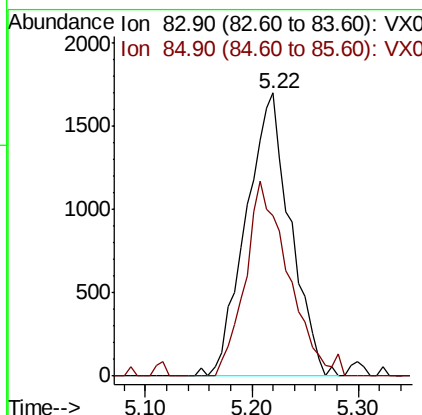
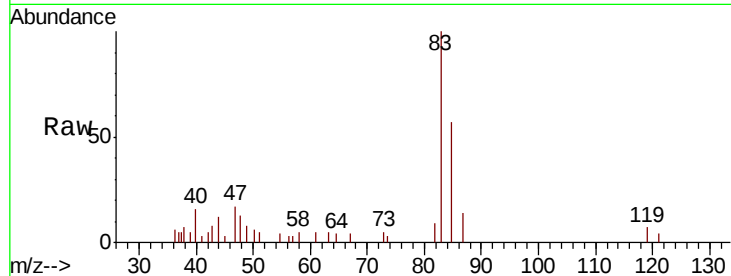




#30
Chloroform
Concen: 1.204 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

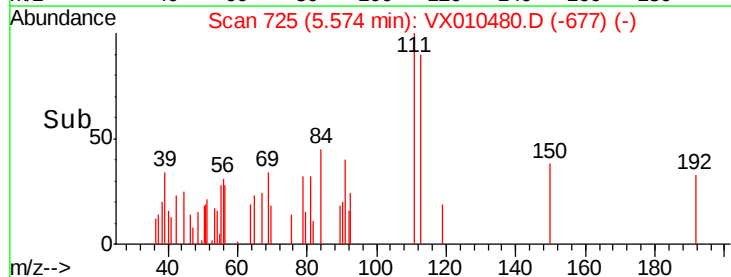
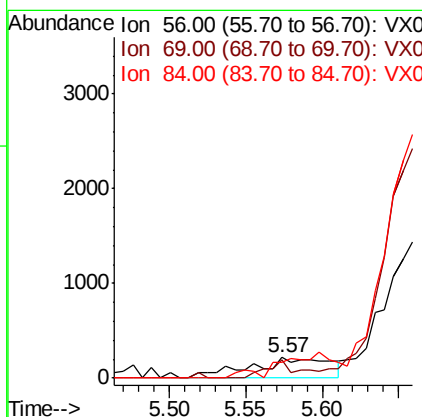
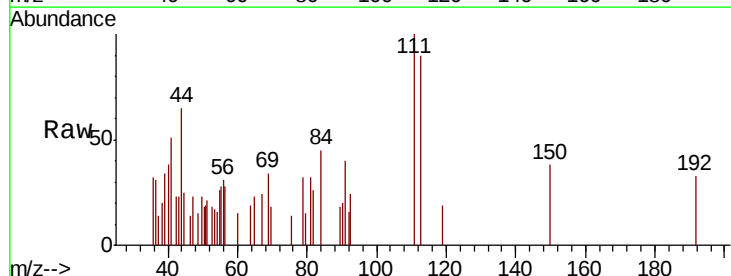
Instrument :
MSVOA_X
ClientSampleId :

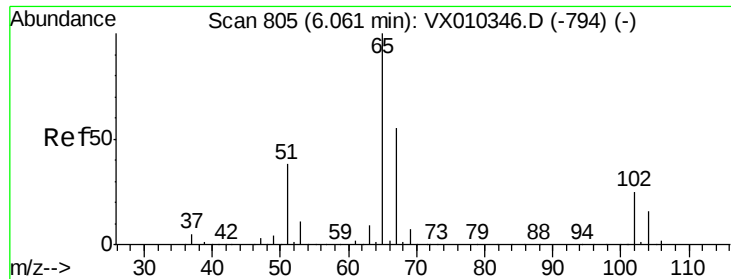
Tot Ion: 83 Resp: 4947
Ion Ratio Lower Upper
83 100
85 56.7 50.9 76.3



#31
Cyclohexane
Concen: 0.221 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 56 Resp: 770
Ion Ratio Lower Upper
56 100
69 87.4 25.9 38.9#
84 76.7 78.0 117.0#

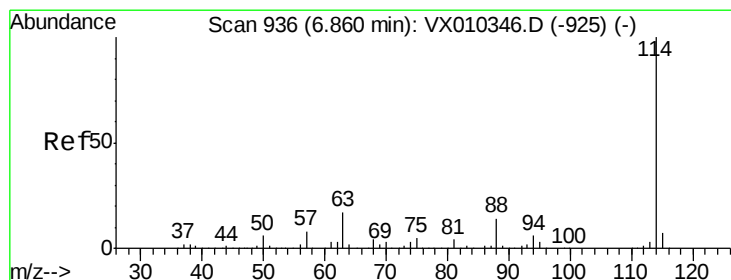
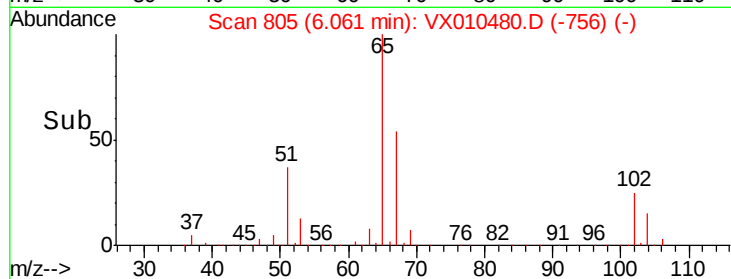
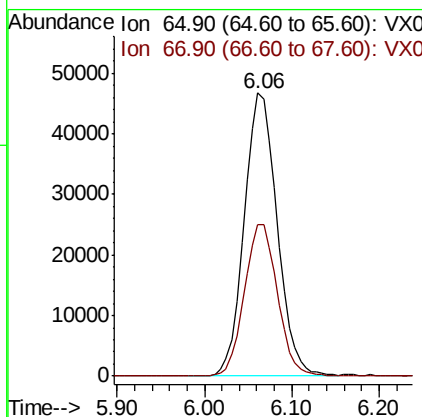
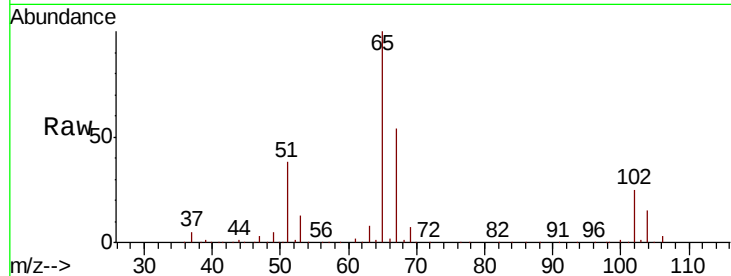




#33
 1,2-Dichloroethane-d4
 Concen: 50.877 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

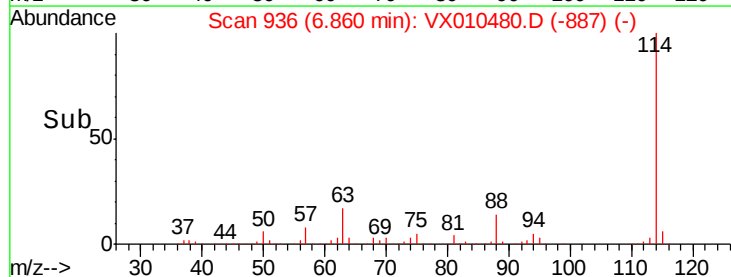
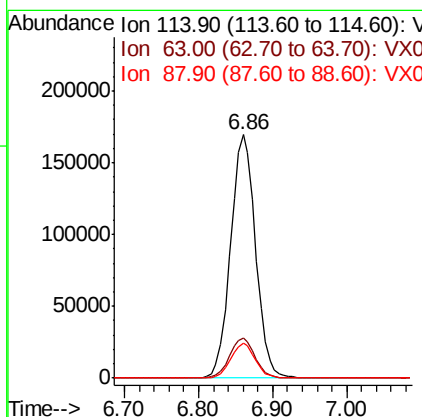
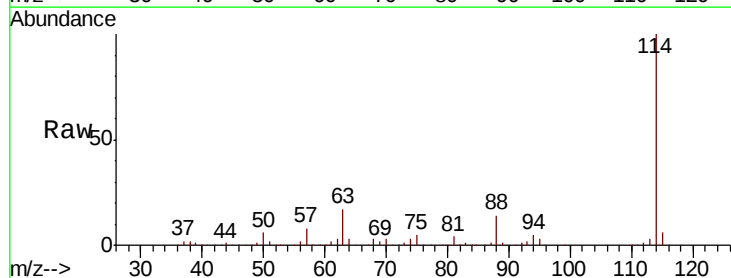
Instrument :
 MSVOA_X
 ClientSampleId :

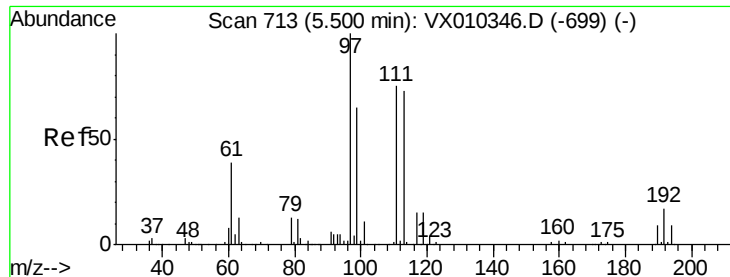
Tot Ion: 65 Resp: 122467
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion: 114 Resp: 397693
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.1 0.0 27.6

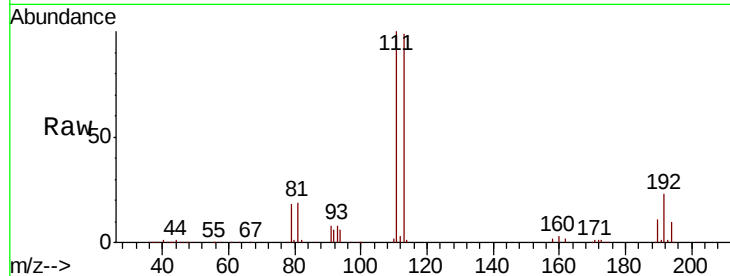




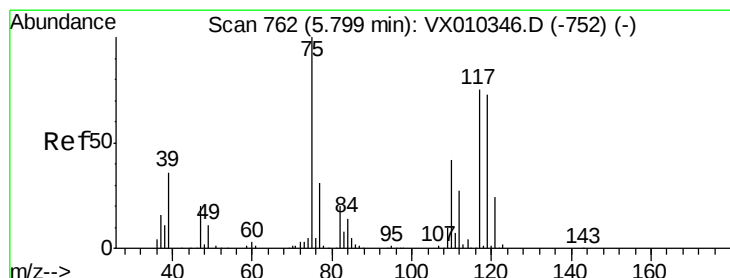
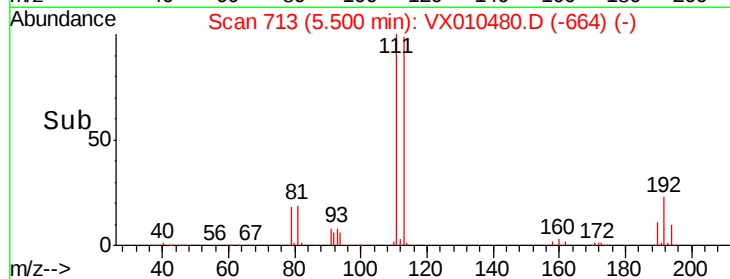
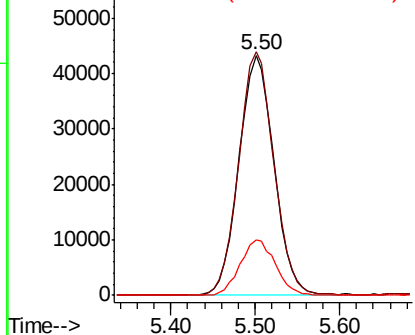
#35
 Dibromofluoromethane
 Concen: 50.191 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.2	121.8
192	23.1	18.6	27.8

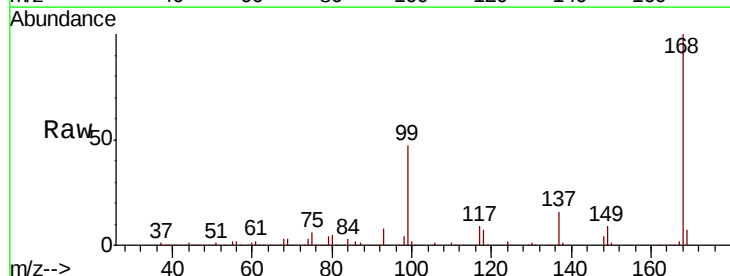


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

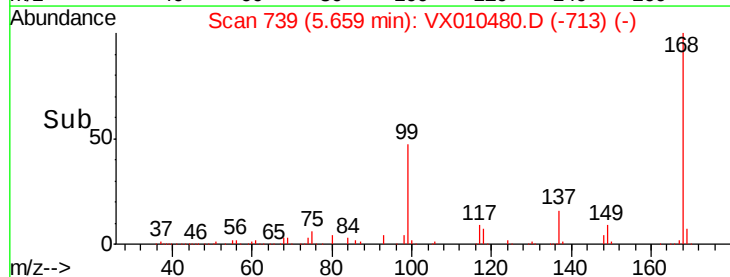
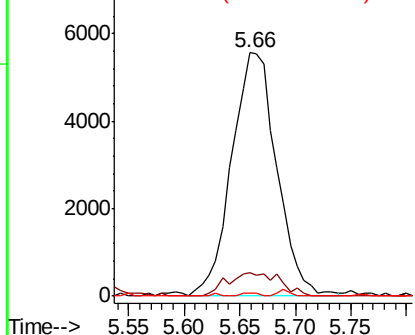


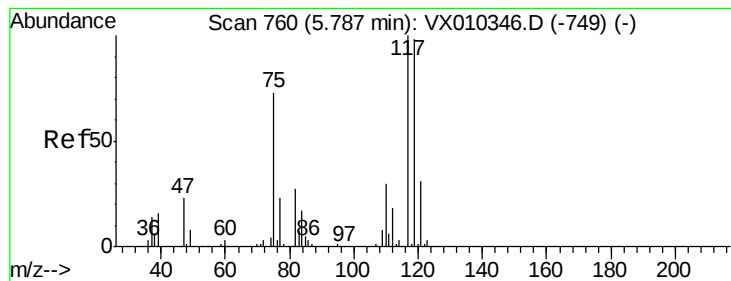
#36
 1,1-Dichloropropene
 Concen: 4.954 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.4	20.8	62.2#
77	0.4	25.4	38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.749 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.12 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

Instrument :

MSVOA_X

ClientSampled :

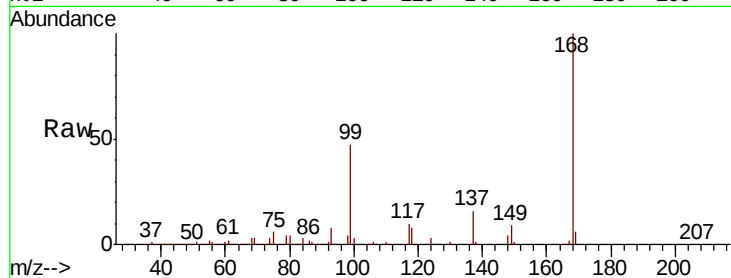
Tot Ion:117 Resp: 23096

Ion Ratio Lower Upper

117 100

119 3.2 78.2 117.4#

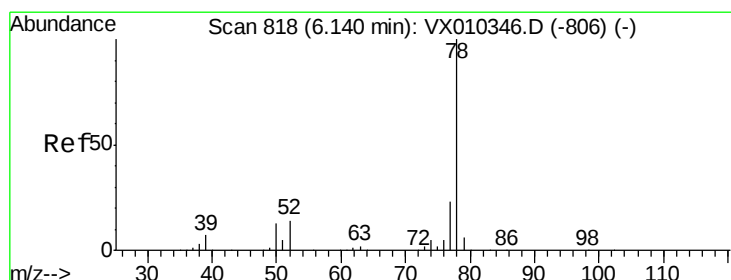
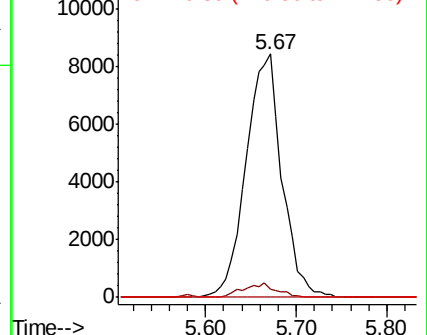
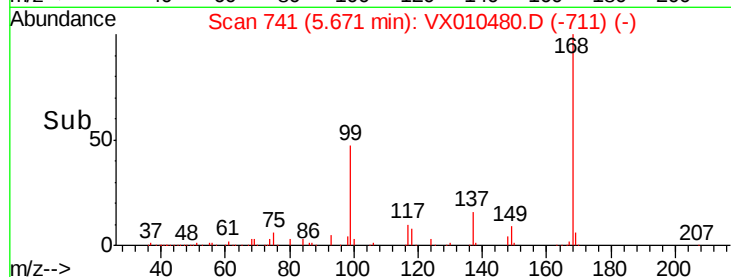
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.935 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010480.D

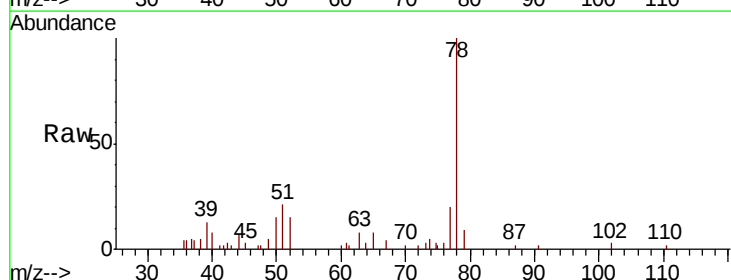
Acq: 27 Jun 2019 11:49

Tgt Ion: 78 Resp: 9210

Ion Ratio Lower Upper

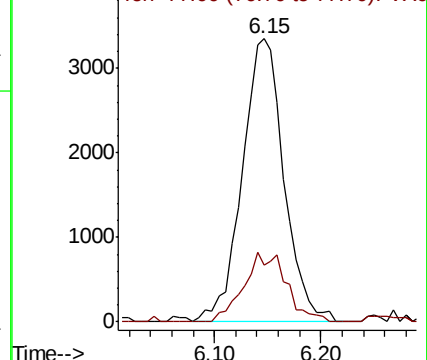
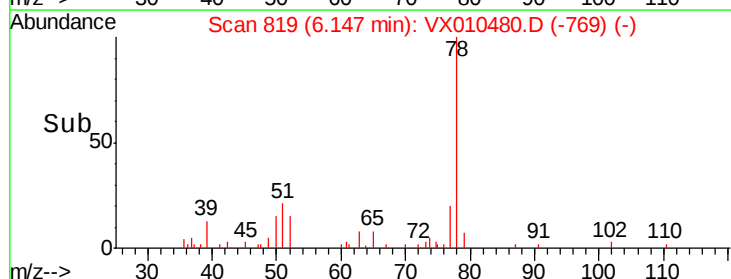
78 100

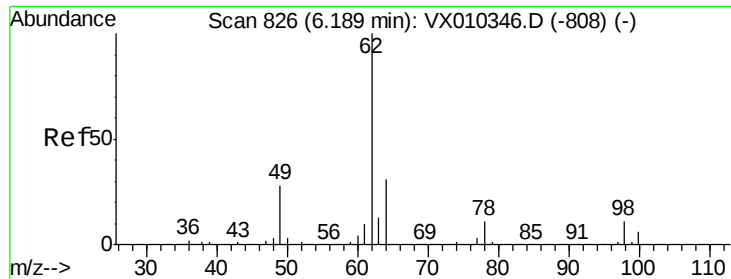
77 20.2 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

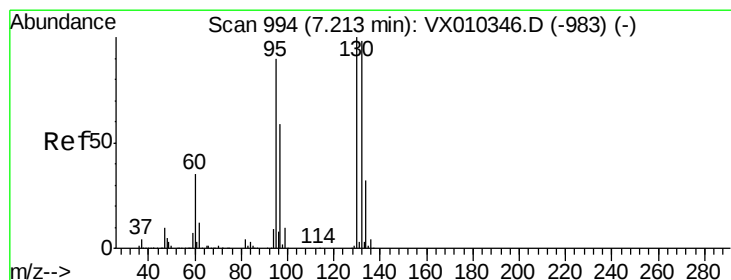
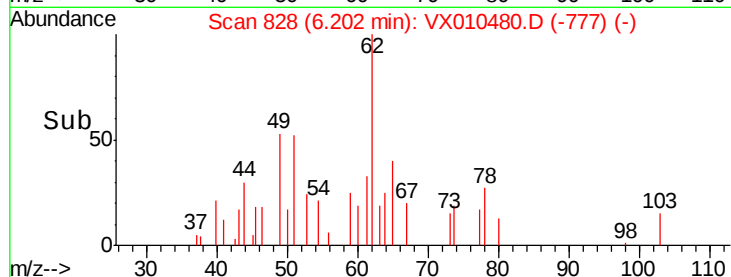
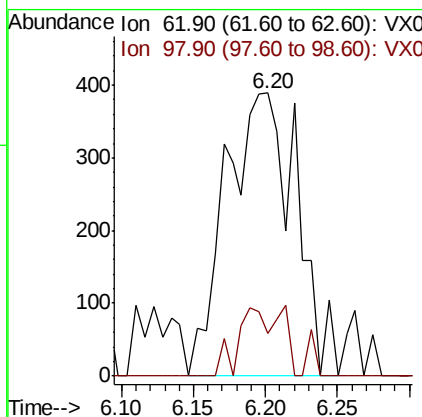
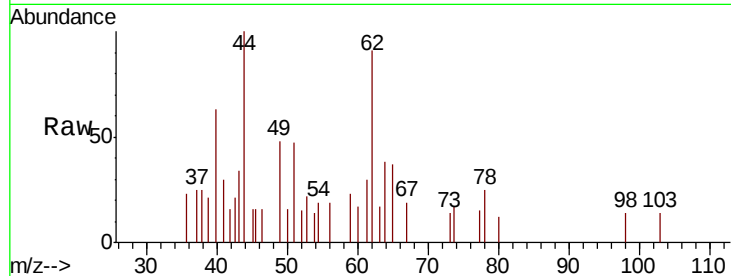




#42
 1,2-Dichloroethane
 Concen: 0.442 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

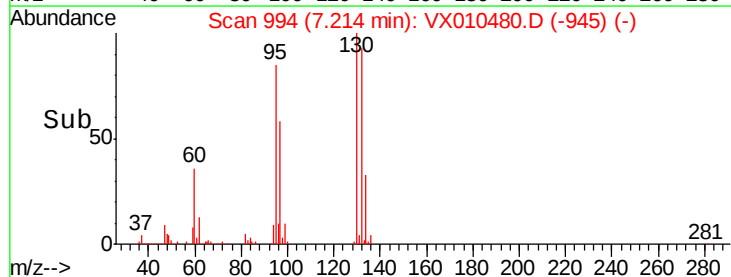
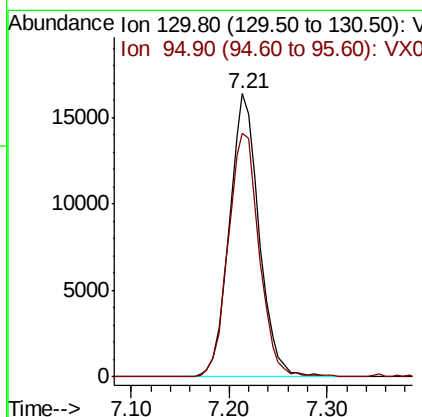
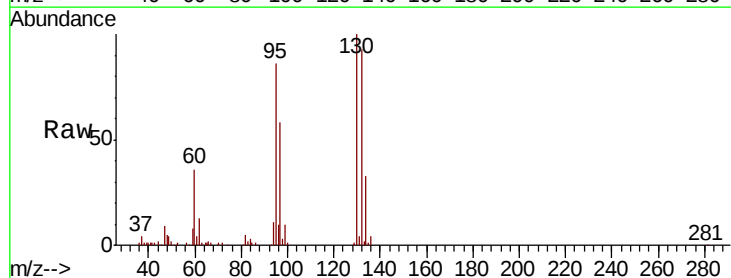
Instrument :
 MSVOA_X
 ClientSampleId :

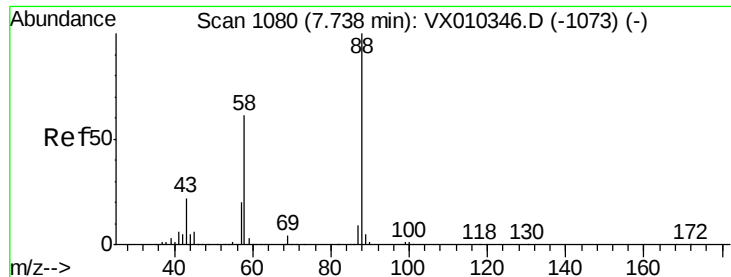
Tot Ion: 62 Resp: 1326
 Ion Ratio Lower Upper
 62 100
 98 14.8 0.0 22.2



#44
 Trichloroethene
 Concen: 11.655 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion:130 Resp: 34337
 Ion Ratio Lower Upper
 130 100
 95 86.0 0.0 180.8

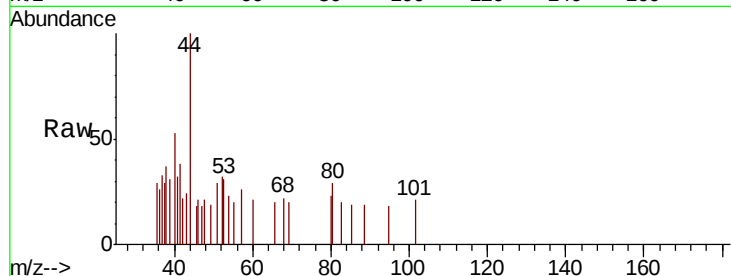




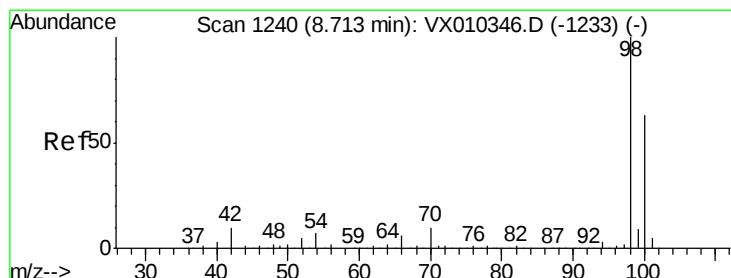
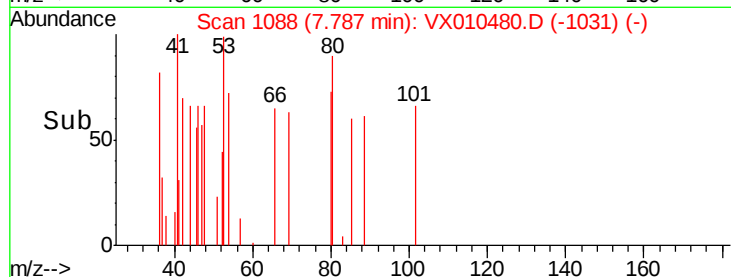
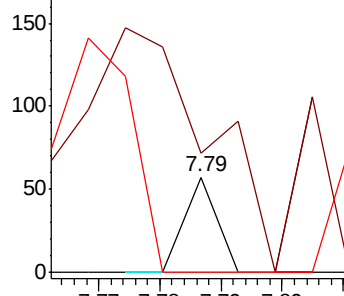
#49
1,4-Dioxane
Concen: 0.292 ug/l
RT: 7.79 min Scan# 1088
Delta R.T. 0.05 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 1914.3 20.2 30.2#
58 452.4 49.5 74.3#

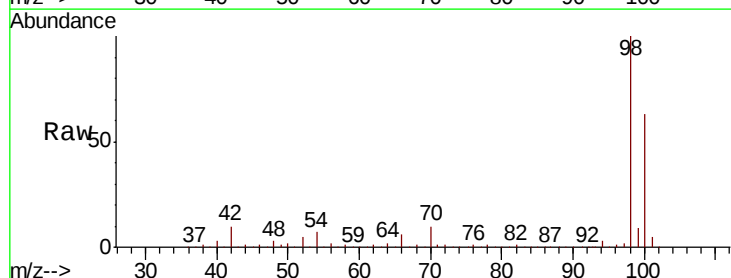


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

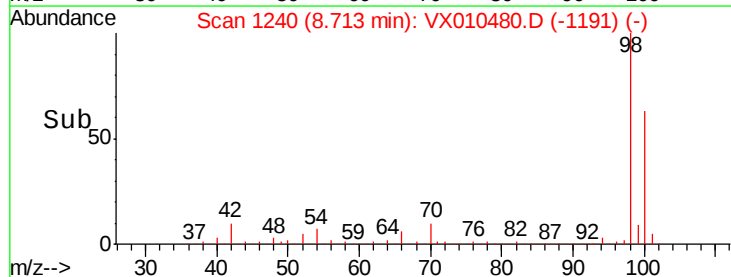
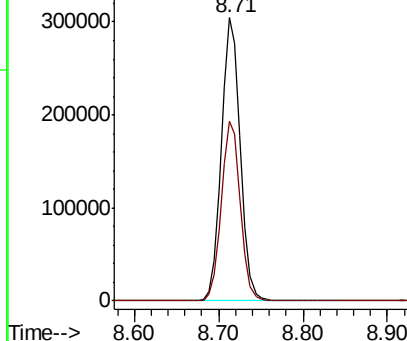


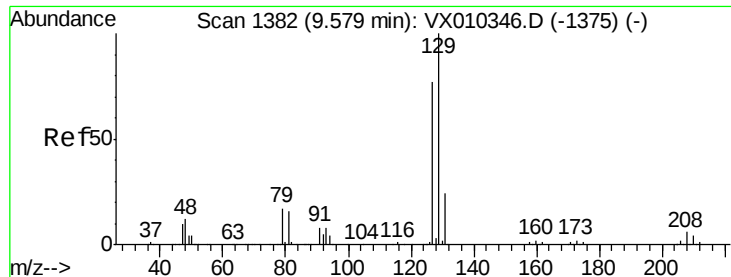
#50
Toluene-d8
Concen: 50.603 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 98 Resp: 471063
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

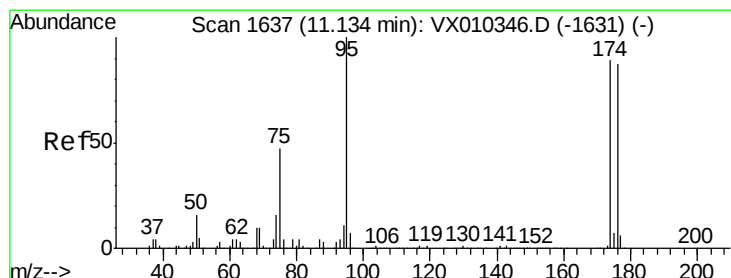
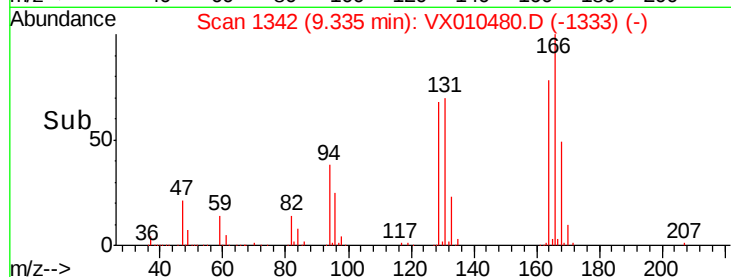
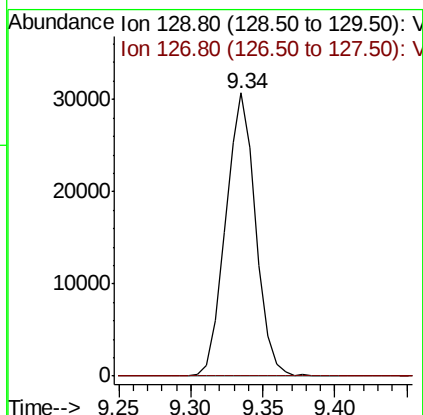
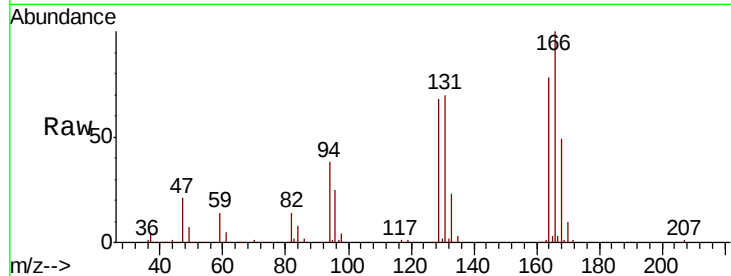




#60
 Dibromochloromethane
 Concen: 14.915 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.24 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

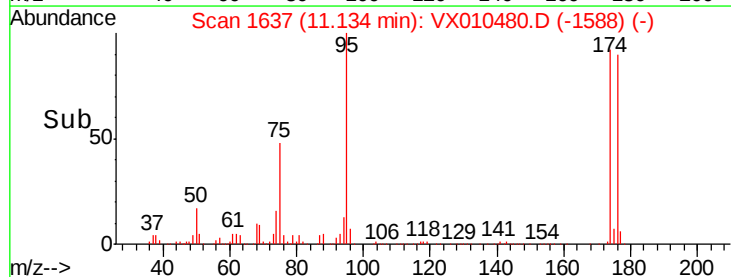
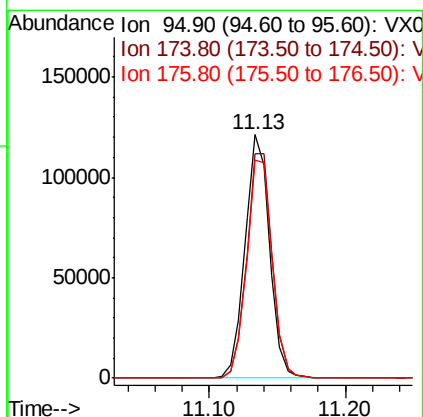
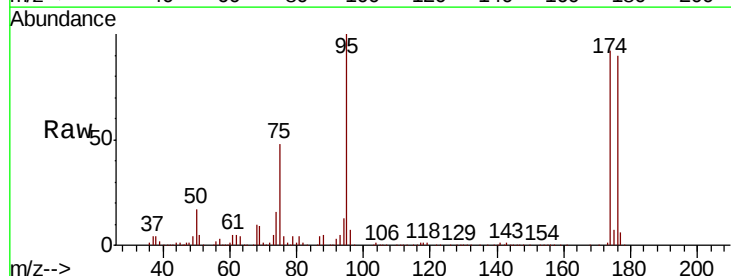
Instrument :
 MSVOA_X
 ClientSampleId :

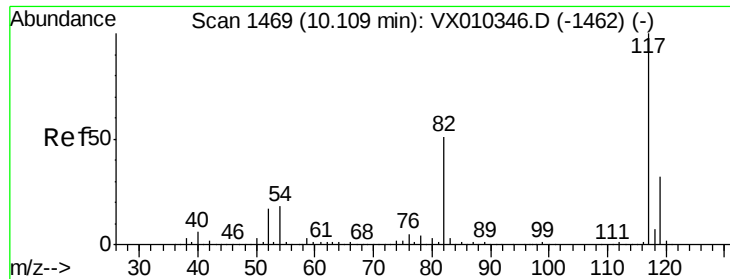
Tot Ion:129 Resp: 44657
 Ion Ratio Lower Upper
 129 100
 127 0.1 38.4 115.1#



#62
 4-Bromofluorobenzene
 Concen: 45.381 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010480.D
 Acq: 27 Jun 2019 11:49

Tgt Ion: 95 Resp: 152519
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 187.6
 176 94.0 0.0 184.0

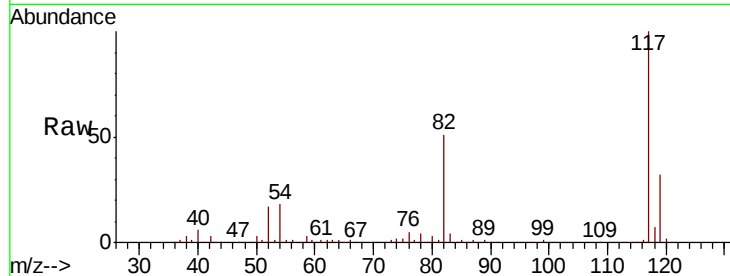




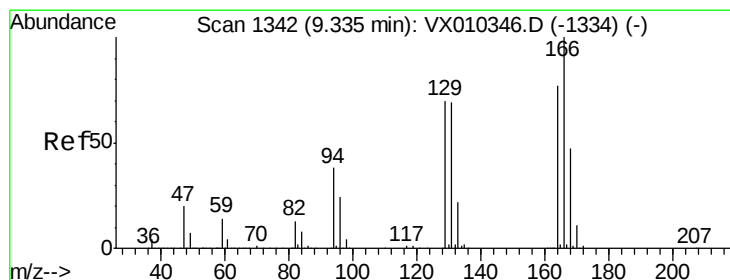
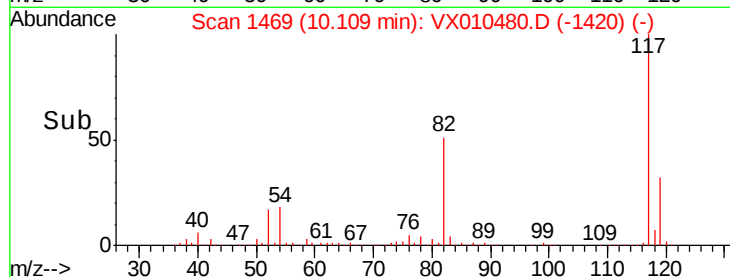
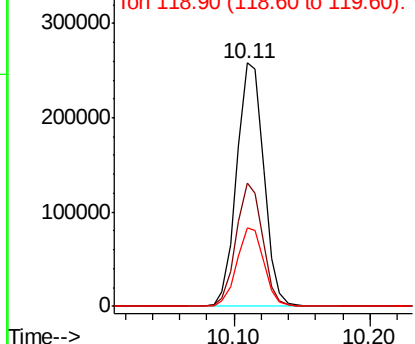
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 358468
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 32.2 25.5 38.3

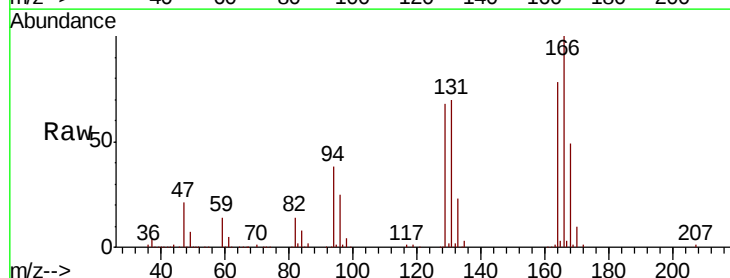


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

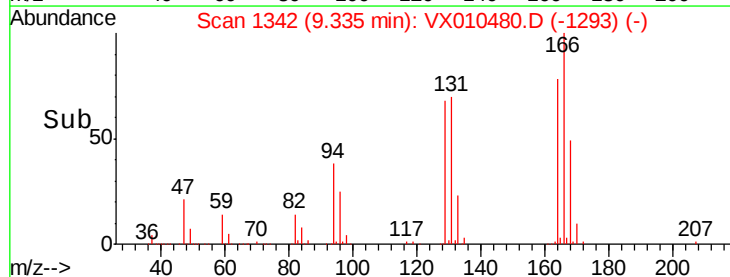
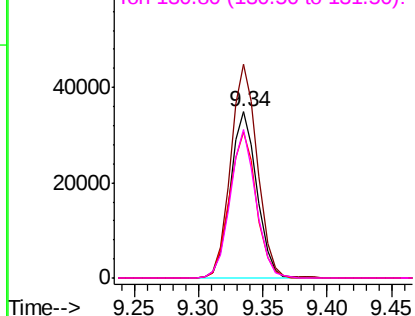


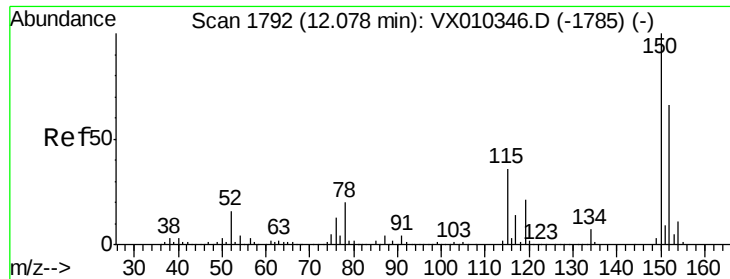
#64
Tetrachloroethene
Concen: 17.384 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion:164 Resp: 50404
Ion Ratio Lower Upper
164 100
166 128.5 103.6 155.4
129 88.0 73.0 109.4
131 89.5 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



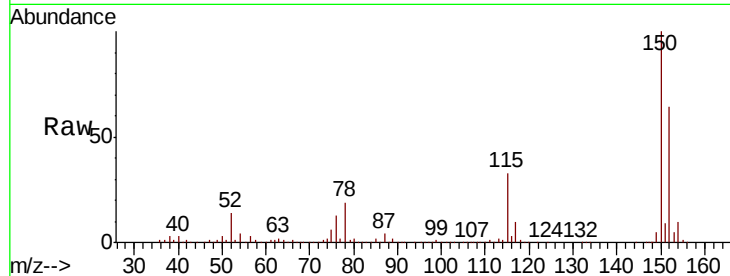


#72

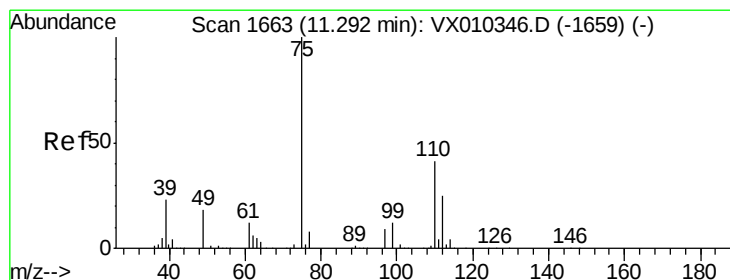
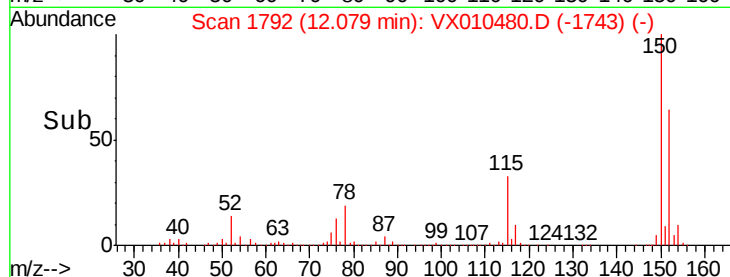
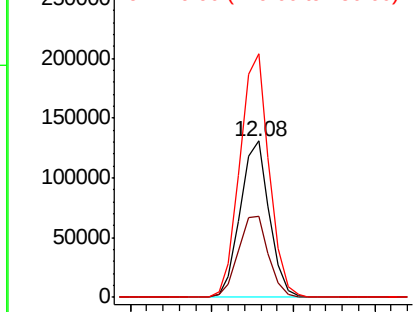
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 162700
Ion Ratio Lower Upper
152 100
115 53.9 38.6 115.7
150 156.8 0.0 347.4



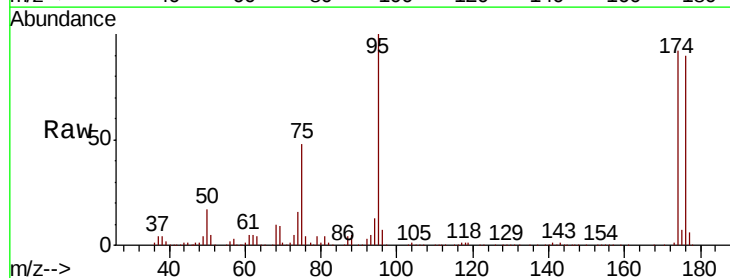
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



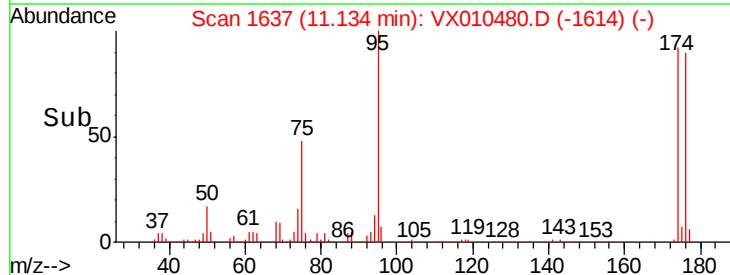
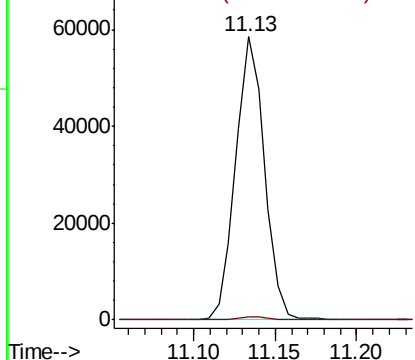
#76

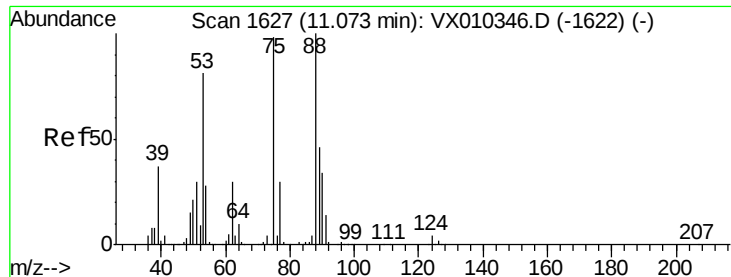
1,2,3-Trichloropropane
Concen: 24.352 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010480.D
Acq: 27 Jun 2019 11:49

Tgt Ion: 75 Resp: 72198
Ion Ratio Lower Upper
75 100
77 1.5 22.6 67.8#



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: 56.810 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010480.D

Acq: 27 Jun 2019 11:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 72198

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.0 37.8 56.6#

