

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010161.D
 Acq On : 09 Jun 2019 00:07
 Operator : JC/SP
 Sample : K3257-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606

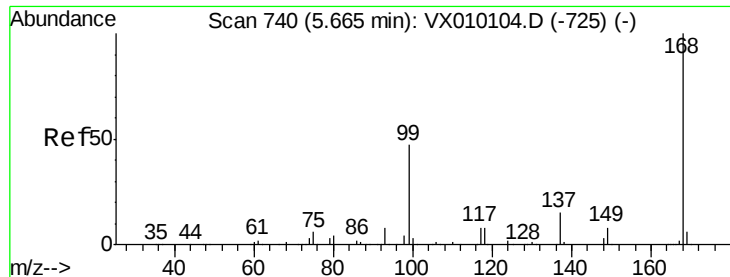
Quant Time: Jun 10 08:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179529	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125057	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.49	113	129974	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	498557	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	172315	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	834	0.328	ug/l	99
3) Chloromethane	1.33	50	730	0.289	ug/l	98
5) Bromomethane	1.65	94	261	0.292	ug/l	99
6) Chloroethane	1.56	64	5662	4.738	ug/l #	52
8) Diethyl Ether	2.20	74	349	0.288	ug/l	64
9) 1,1,2-Trichlorotrifluoroet	2.39	101	461722	190.256	ug/l	90
11) Tert butyl alcohol	3.02	59	2678	4.058	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	5018	2.024	ug/l #	71
13) Acrolein	2.26	56	142	1.180	ug/l #	14
16) Acetone	2.44	43	2939	2.320	ug/l #	87
20) Methylene Chloride	2.85	84	710	0.255	ug/l #	61
22) Diisopropyl ether	3.86	45	1749	0.244	ug/l #	65
24) 1,1-Dichloroethane	3.70	63	1428	0.329	ug/l #	82
27) cis-1,2-Dichloroethene	4.60	96	14687	4.813	ug/l	71
29) Tetrahydrofuran	5.13	42	385	0.325	ug/l #	68
30) Chloroform	5.22	83	1737	0.385	ug/l	97
31) Cyclohexane	5.67	56	4649	1.186	ug/l #	1
32) 1,1,1-Trichloroethane	5.51	97	1115	0.263	ug/l #	41
36) 1,1-Dichloropropene	5.67	75	16740	4.858	ug/l #	52
38) Carbon Tetrachloride	5.79	117	1183	0.303	ug/l	85
42) 1,2-Dichloroethane	6.20	62	1024	0.301	ug/l	81
44) Trichloroethene	7.21	130	273049	85.020	ug/l	85
49) 1,4-Dioxane	7.75	88	2095	26.212	ug/l	90
60) Dibromochloromethane	9.34	129	32457	9.567	ug/l #	11
64) Tetrachloroethene	9.34	164	36129	12.755	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	78815	21.948	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	78815	48.493	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010161.D

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MSVOA_X

ClientSampleId :

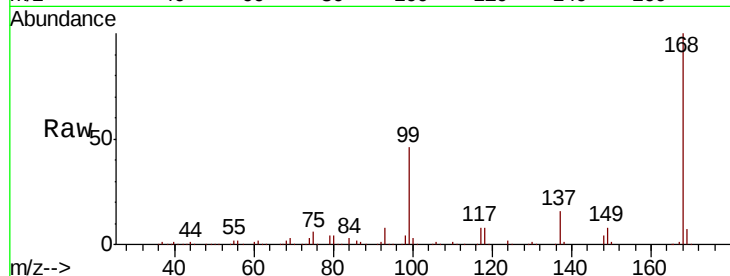
RE131D2-20190606

Tgt Ion:168 Resp: 275964

Ion Ratio Lower Upper

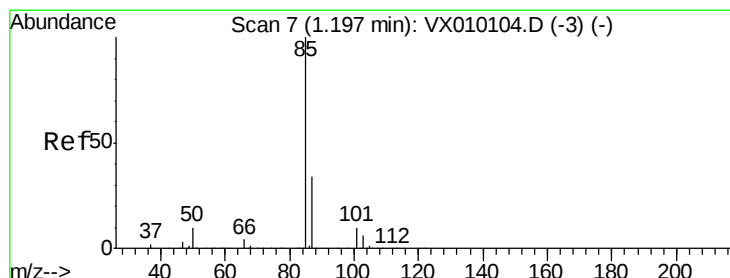
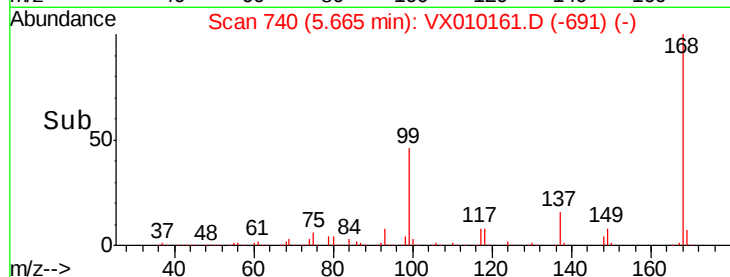
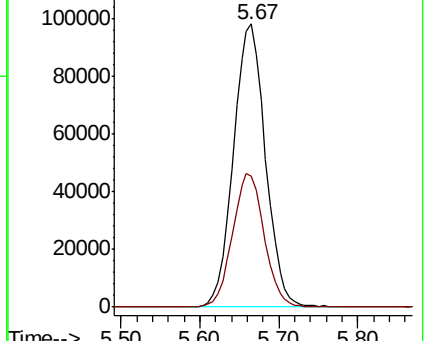
168 100

99 46.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.328 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010161.D

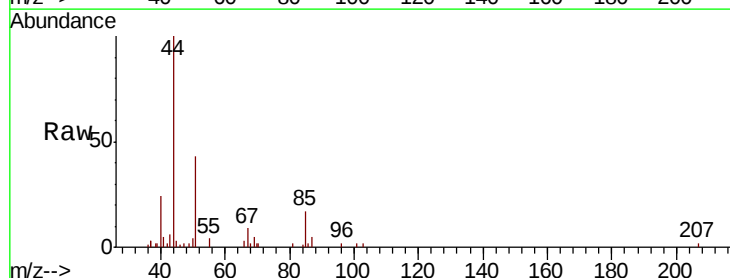
Acq: 09 Jun 2019 00:07

Tgt Ion: 85 Resp: 834

Ion Ratio Lower Upper

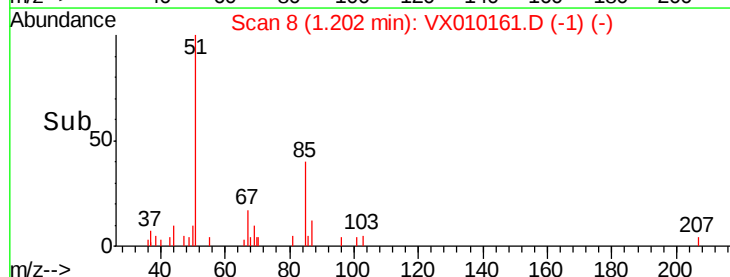
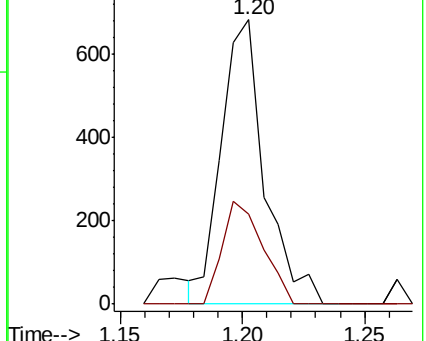
85 100

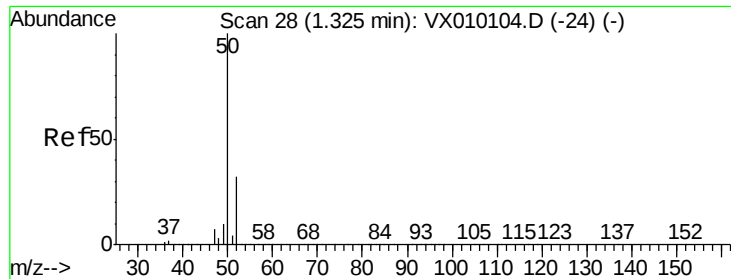
87 31.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.289 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

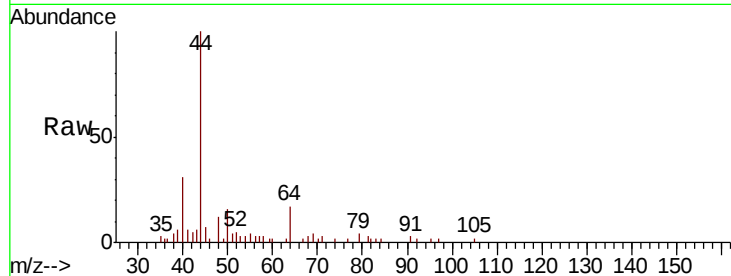
RE131D2-20190606

Tgt Ion: 50 Resp: 730

Ion Ratio Lower Upper

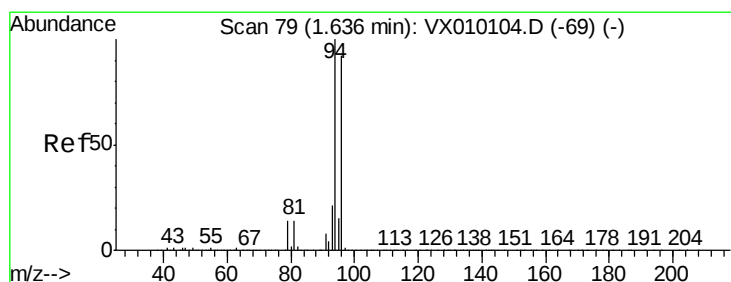
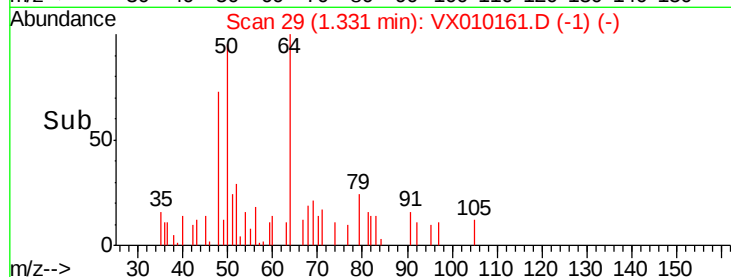
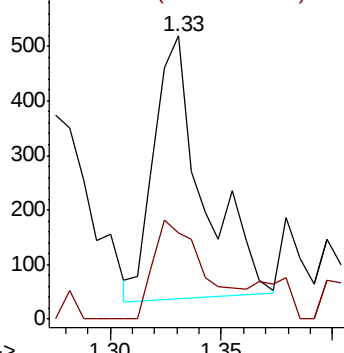
50 100

52 33.7 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: 0.292 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010161.D

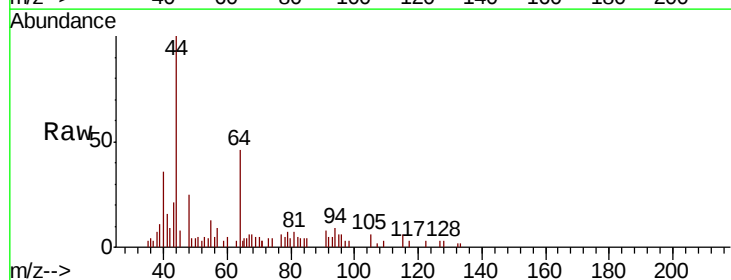
Acq: 09 Jun 2019 00:07

Tgt Ion: 94 Resp: 261

Ion Ratio Lower Upper

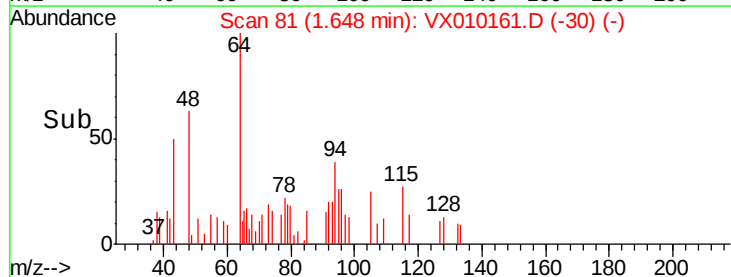
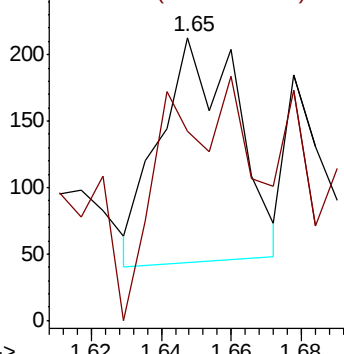
94 100

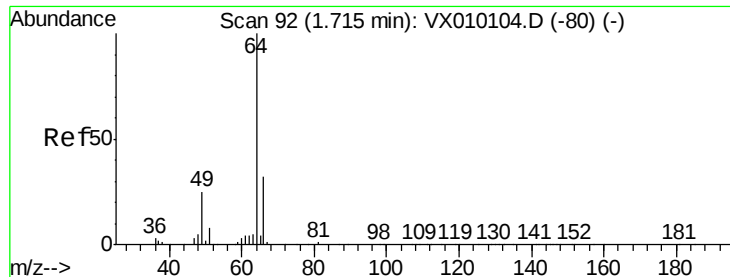
96 94.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 4.738 ug/l

RT: 1.56 min Scan# 66

Delta R.T. -0.16 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

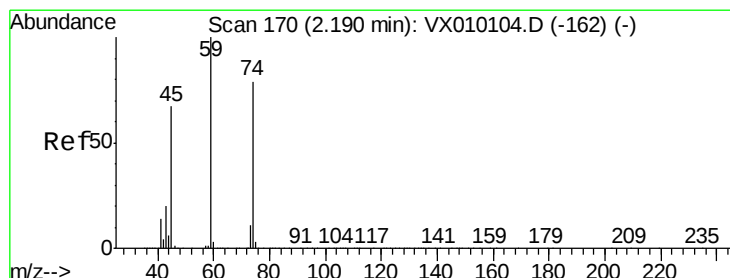
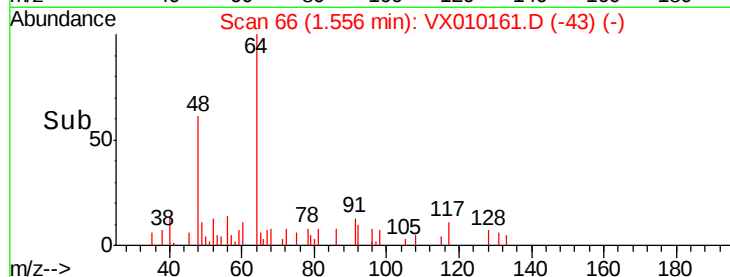
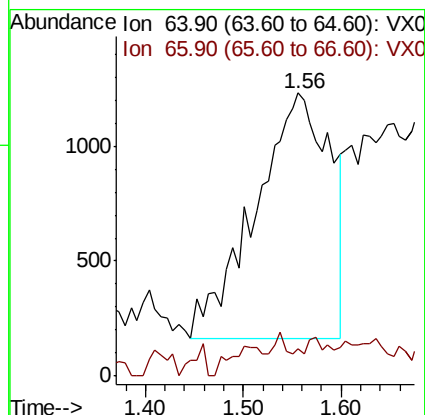
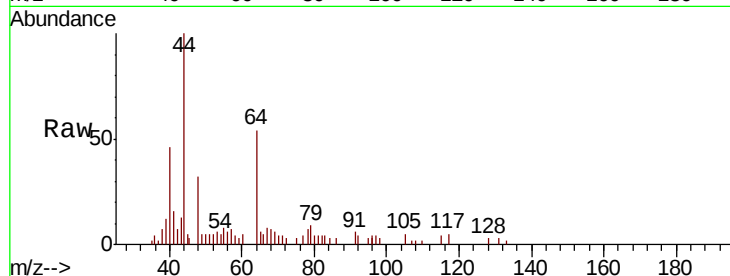
RE131D2-20190606

Tgt Ion: 64 Resp: 5662

Ion Ratio Lower Upper

64 100

66 4.8 25.1 37.7#



#8

Diethyl Ether

Concen: 0.288 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX010161.D

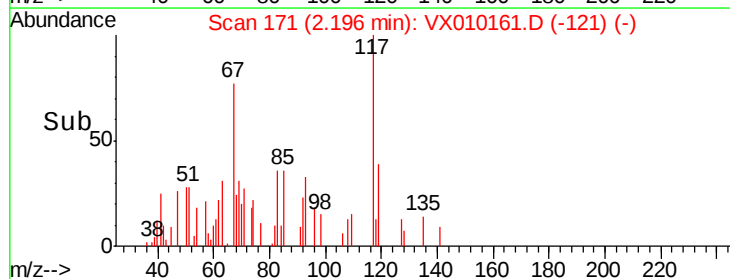
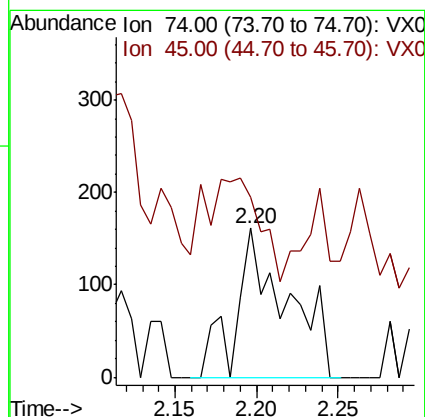
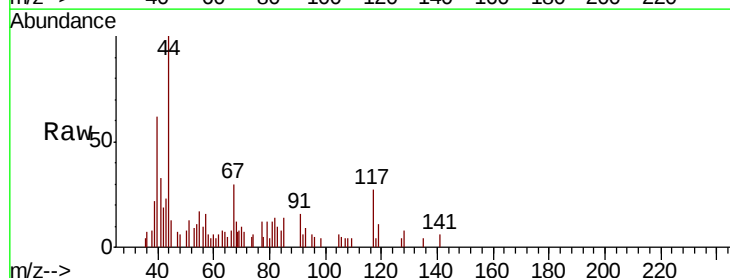
Acq: 09 Jun 2019 00:07

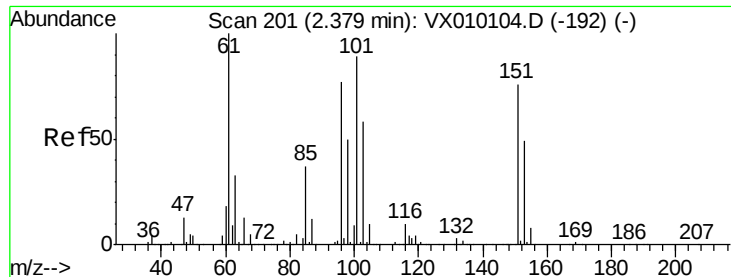
Tgt Ion: 74 Resp: 349

Ion Ratio Lower Upper

74 100

45 73.6 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 190.256 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

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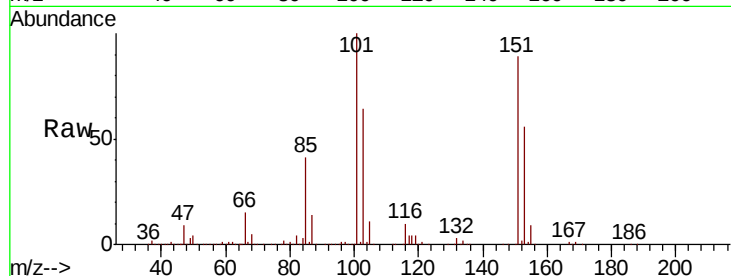
Tgt Ion:101 Resp: 461722

Ion Ratio Lower Upper

101 100

85 41.2 35.2 52.8

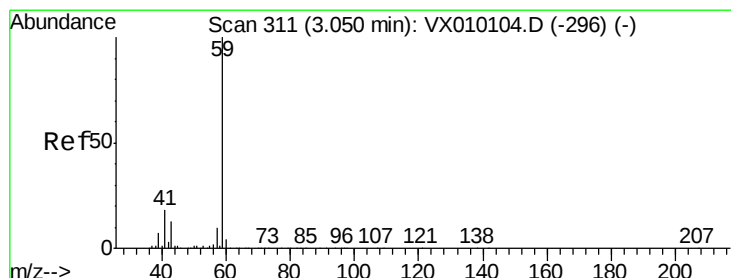
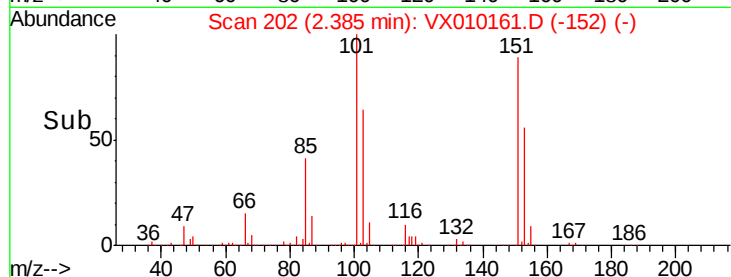
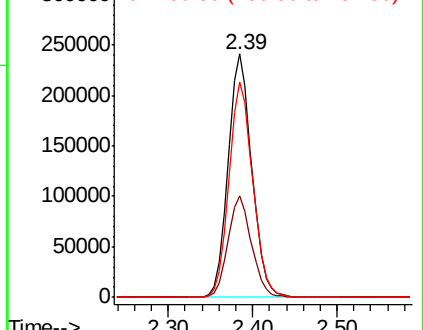
151 88.7 61.9 92.9



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: 4.058 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010161.D

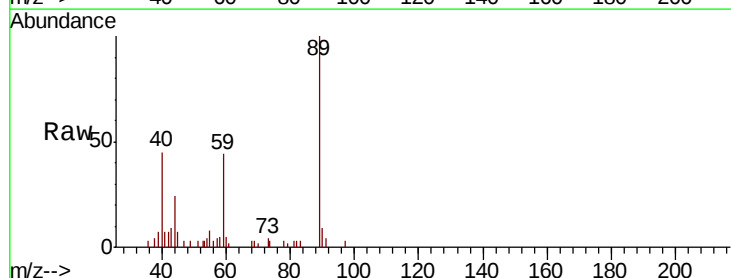
Acq: 09 Jun 2019 00:07

Tgt Ion: 59 Resp: 2678

Ion Ratio Lower Upper

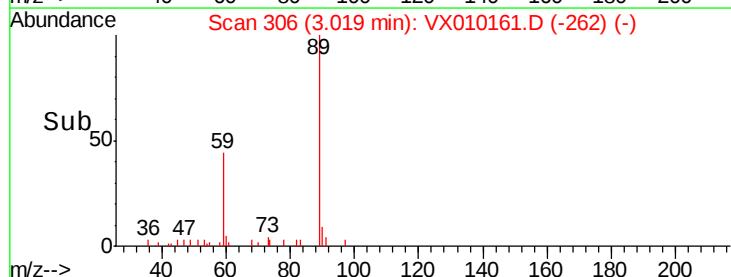
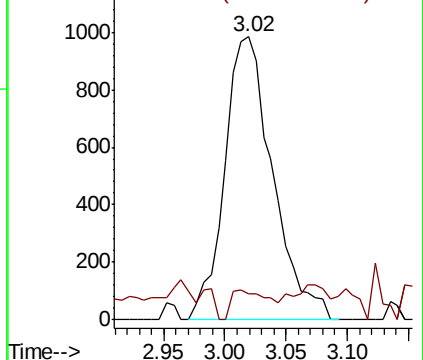
59 100

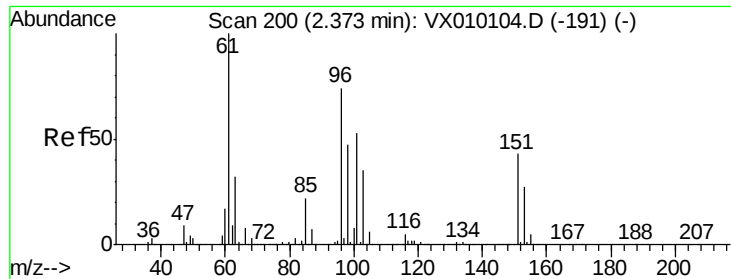
57 8.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

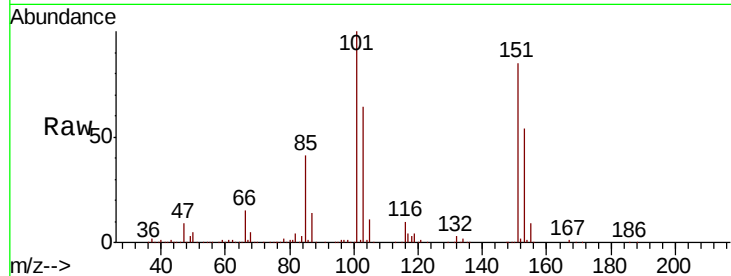




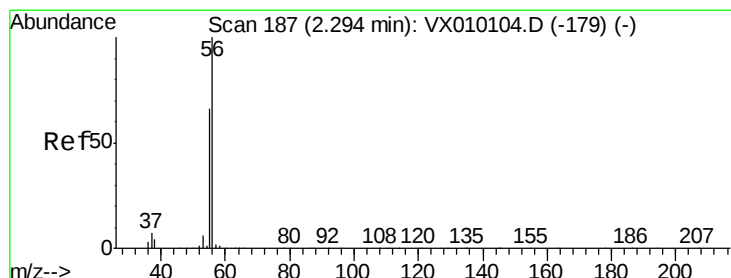
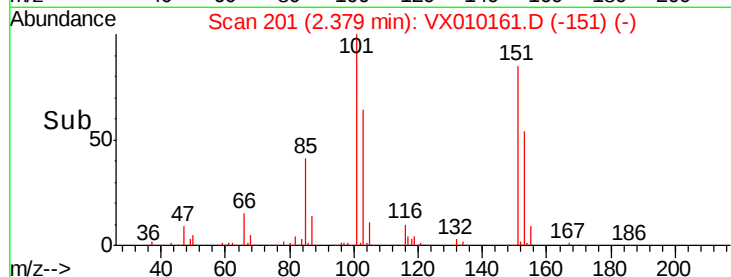
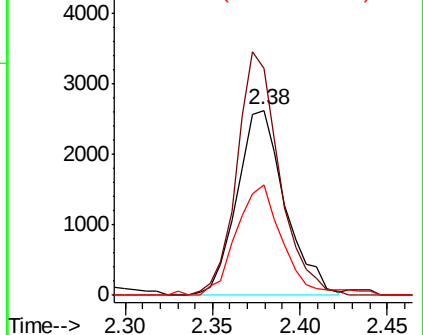
#12
 1,1-Dichloroethene
 Concen: 2.024 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Instrument :
 MSVOA_X
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 RE131D2-20190606

Tgt Ion: 96 Resp: 5018
 Ion Ratio Lower Upper
 96 100
 61 122.5 140.7 211.1#
 98 59.7 50.1 75.1

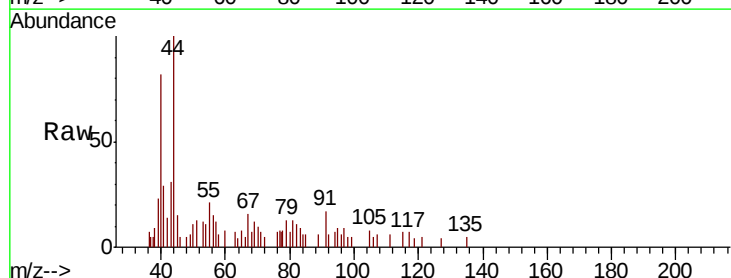


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

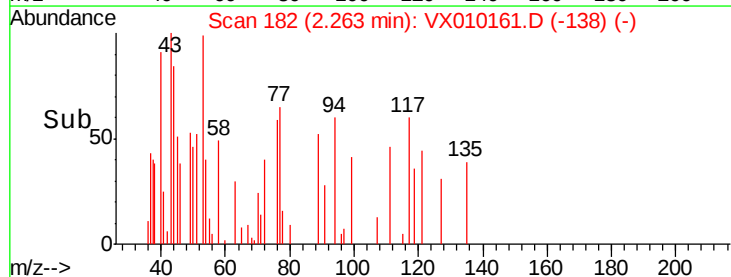
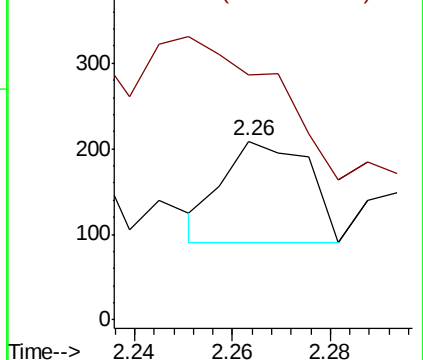


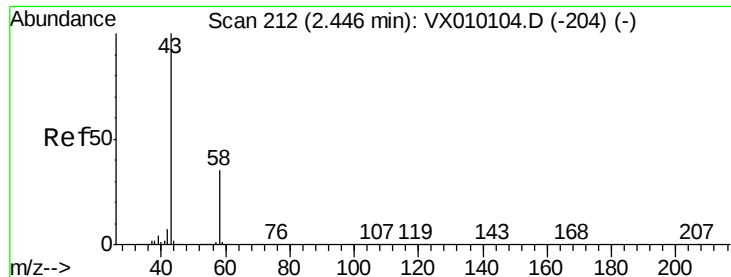
#13
 Acrolein
 Concen: 1.180 ug/l
 RT: 2.26 min Scan# 182
 Delta R.T. -0.03 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Tgt Ion: 56 Resp: 142
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0

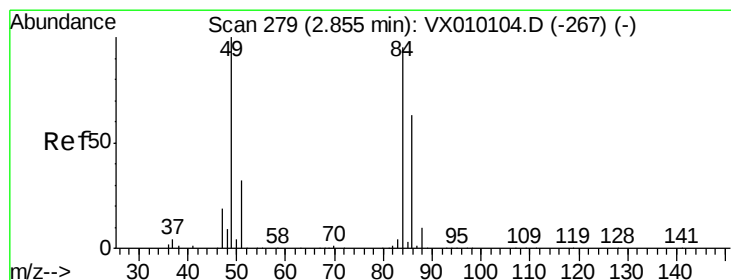
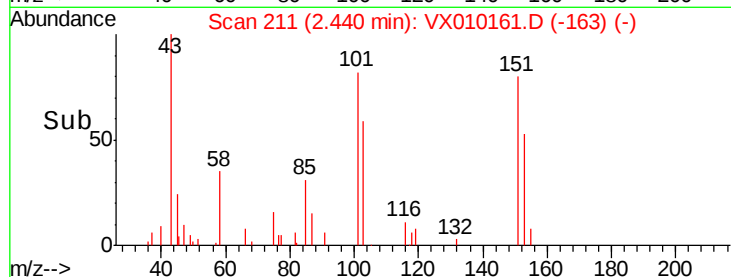
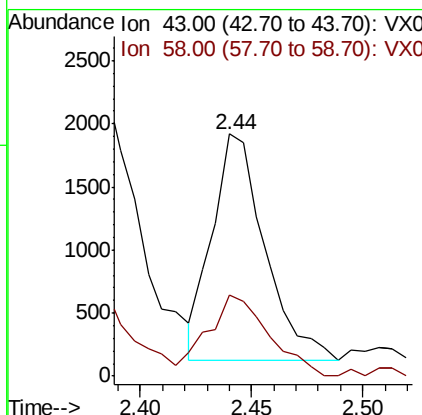
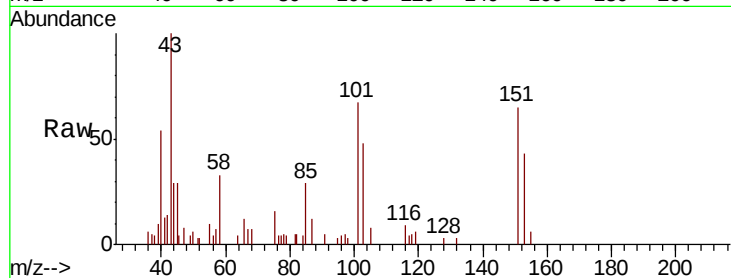




#16
Acetone
Concen: 2.320 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

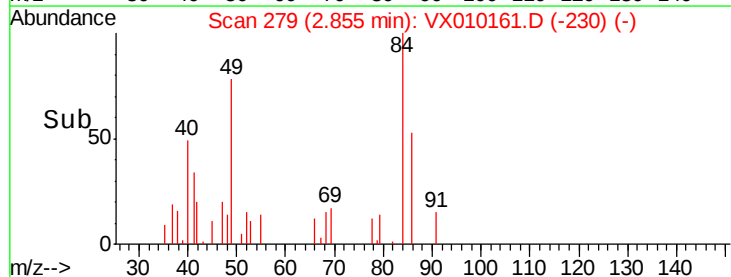
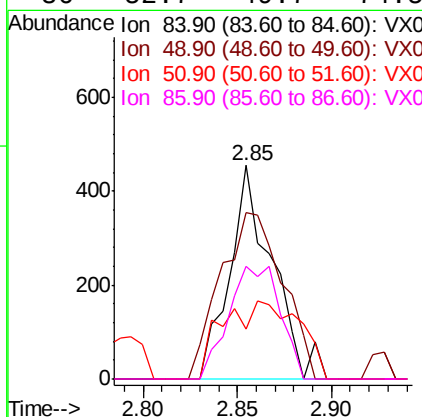
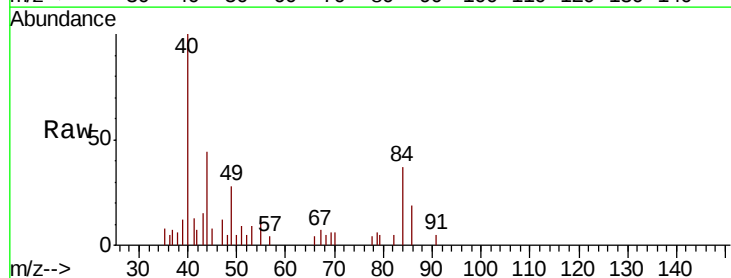
Instrument :
MSVOA_X
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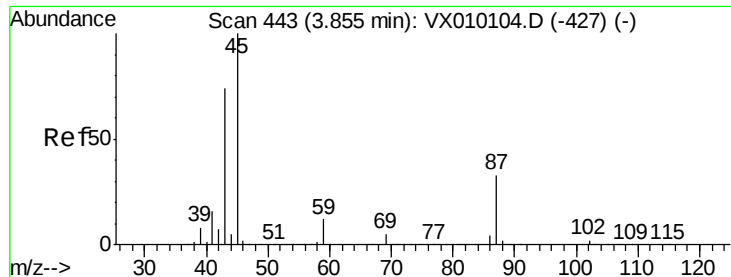
Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
58 35.7 23.2 34.8#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion: 84 Resp: 710
Ion Ratio Lower Upper
84 100
49 77.8 115.8 173.6#
51 23.5 34.4 51.6#
86 52.7 49.7 74.5





#22

Diisopropyl ether

Concen: 0.244 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606

Tgt Ion: 45 Resp: 1749

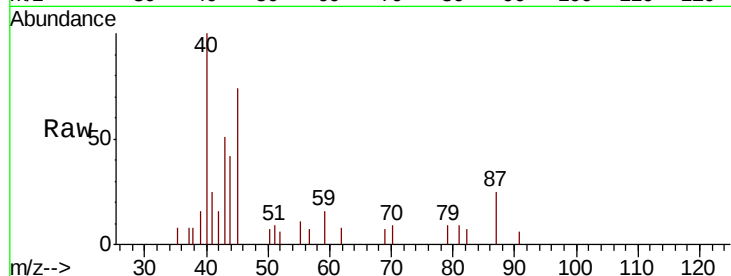
Ion Ratio Lower Upper

45 100

43 49.8 65.0 97.4#

87 37.9 17.3 25.9#

59 23.9 8.1 12.1#

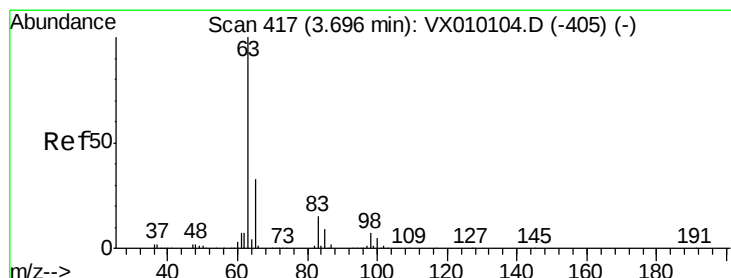
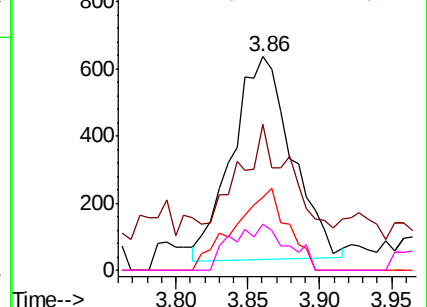
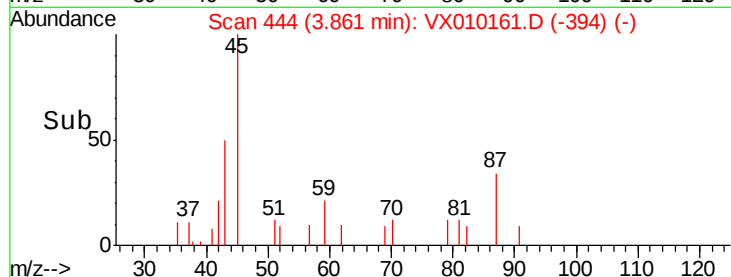


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 0.329 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

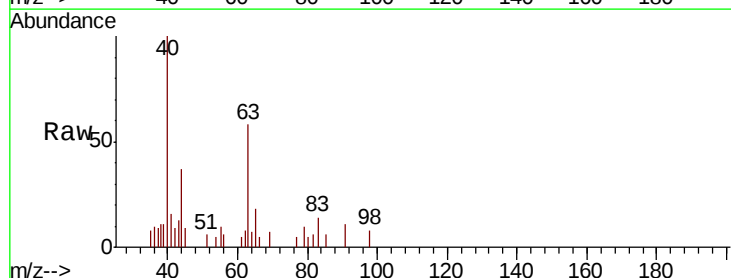
Tgt Ion: 63 Resp: 1428

Ion Ratio Lower Upper

63 100

98 13.3 2.9 8.8#

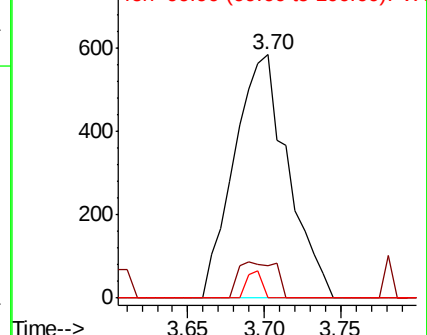
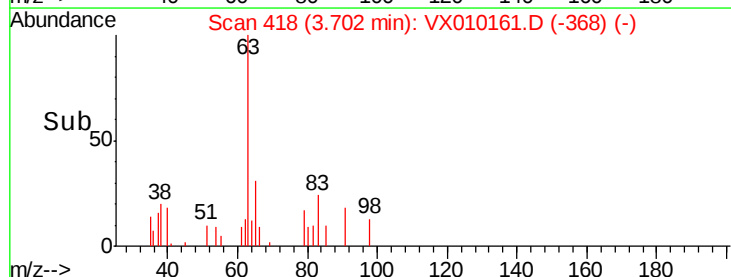
100 0.0 1.8 5.4#

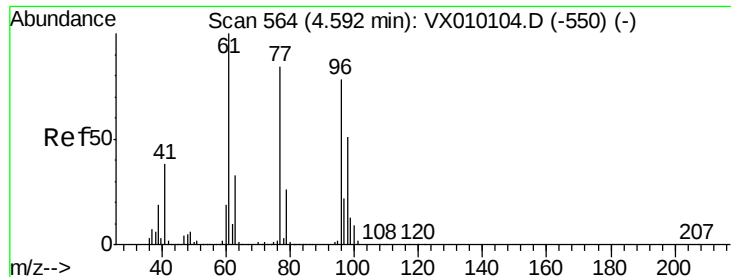


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



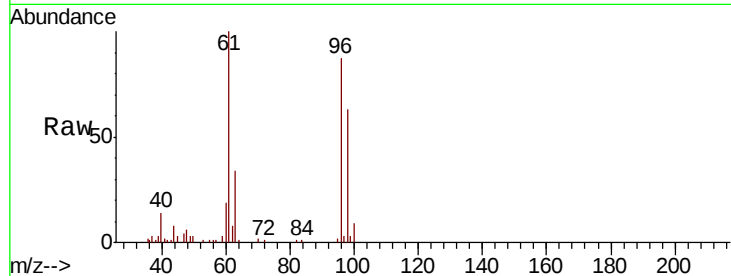


#27

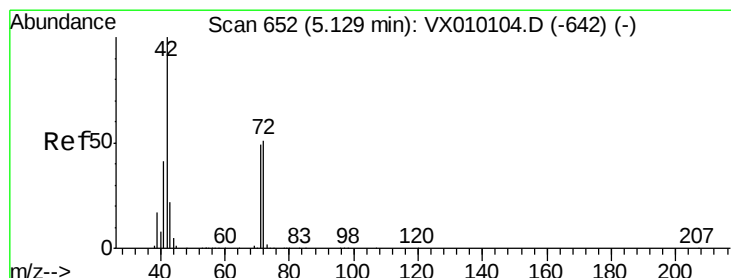
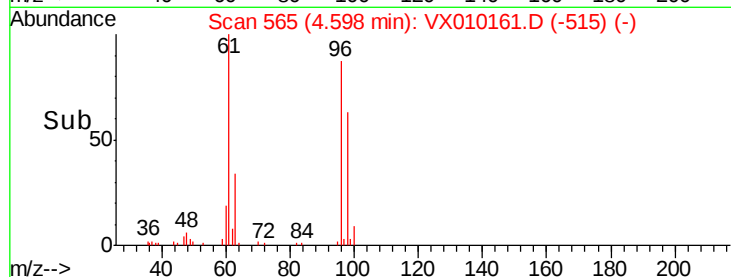
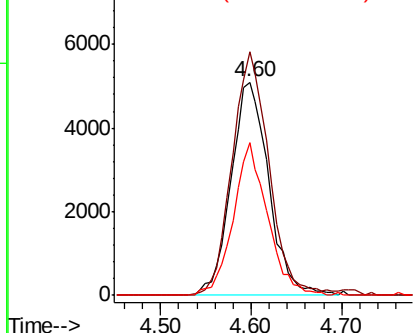
cis-1,2-Dichloroethene
 Concen: 4.813 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606

Tgt Ion: 96 Resp: 14687
 Ion Ratio Lower Upper
 96 100
 61 112.4 0.0 334.0
 98 65.1 0.0 131.6



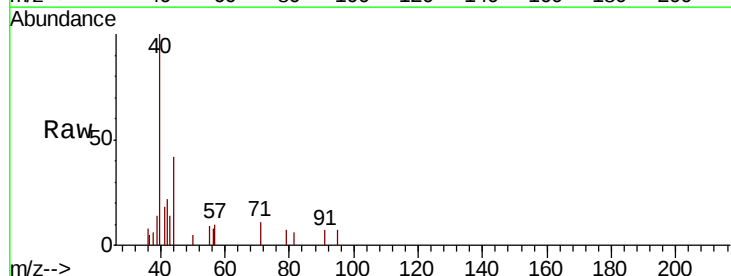
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



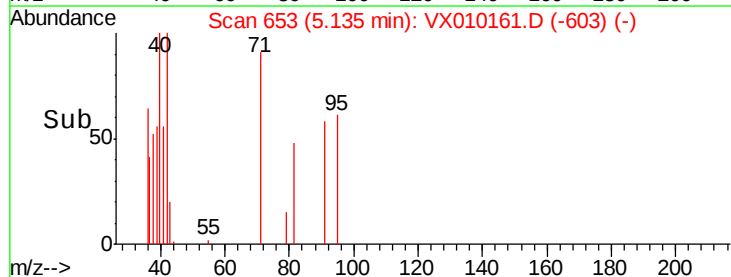
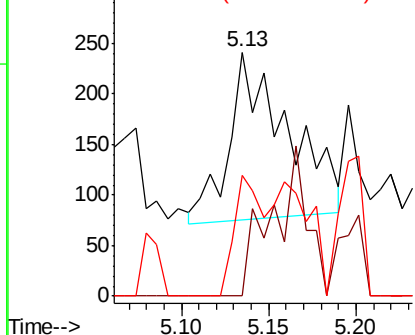
#29

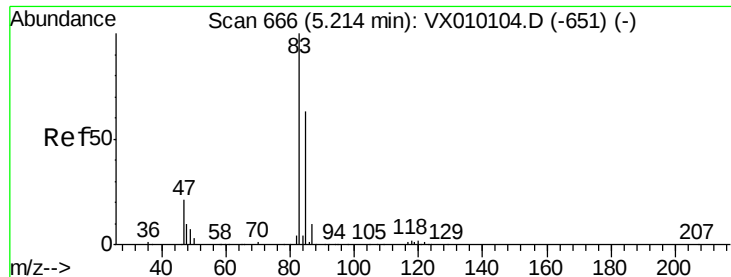
Tetrahydrofuran
 Concen: 0.325 ug/l
 RT: 5.13 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Tgt Ion: 42 Resp: 385
 Ion Ratio Lower Upper
 42 100
 72 0.0 29.2 43.8#
 71 33.8 27.6 41.4



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

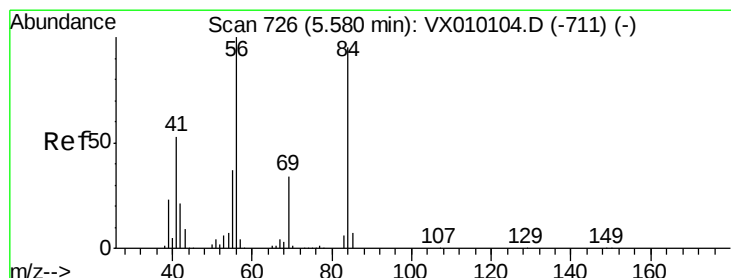
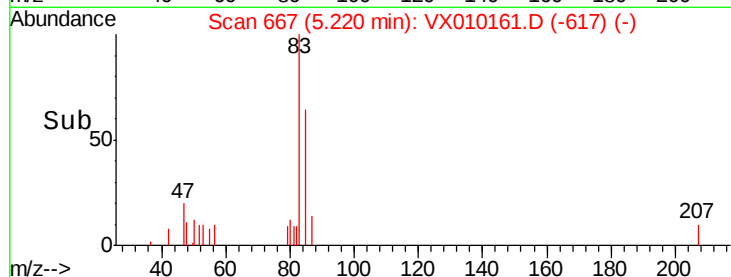
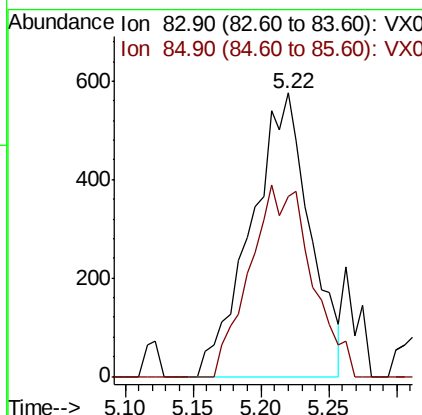
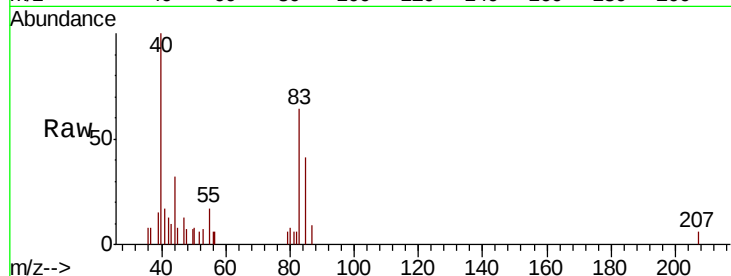




#30
Chloroform
Concen: 0.385 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

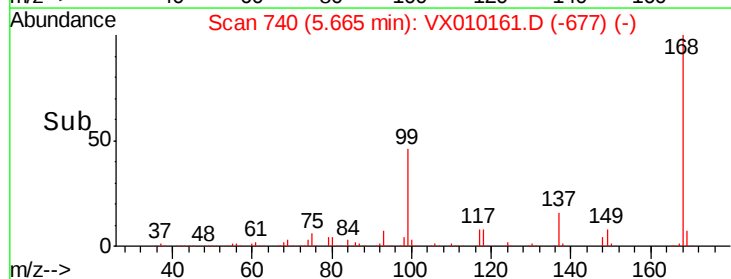
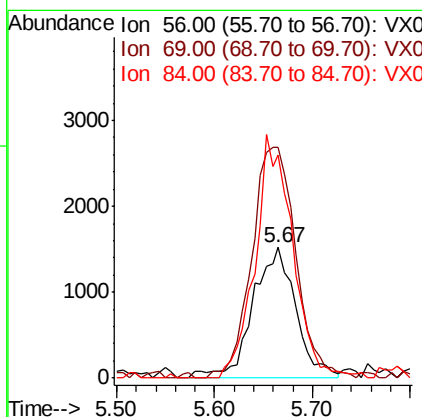
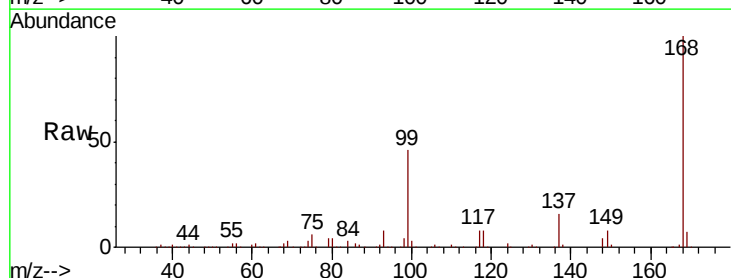
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

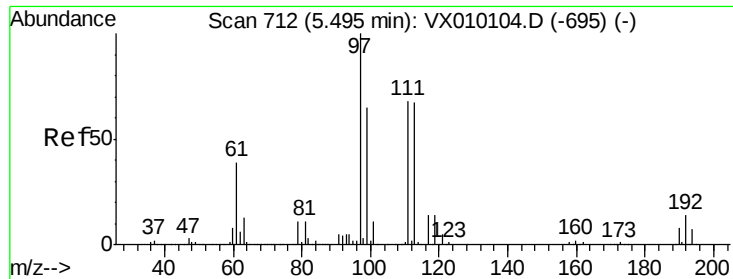
Tgt Ion: 83 Resp: 1737
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion: 56 Resp: 4649
Ion Ratio Lower Upper
56 100
69 172.0 21.6 32.4#
84 170.6 56.8 85.2#





#32

1,1,1-Trichloroethane

Concen: 0.263 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606

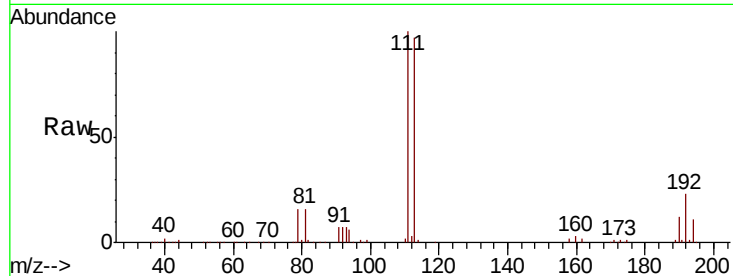
Tgt Ion: 97 Resp: 1115

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.4#

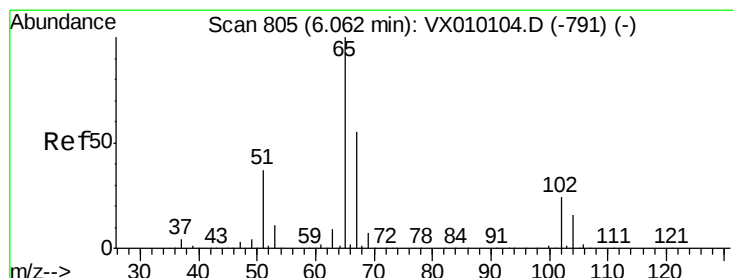
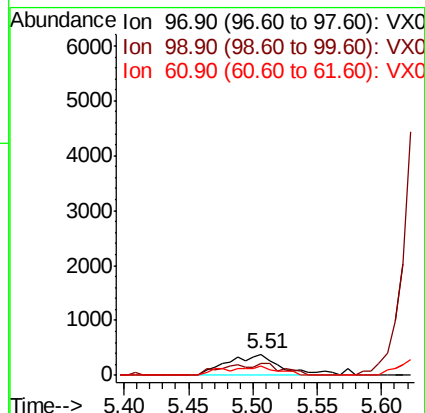
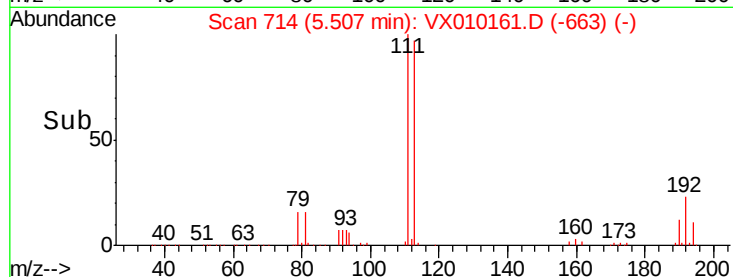
61 28.6 38.7 58.1#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.425 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010161.D

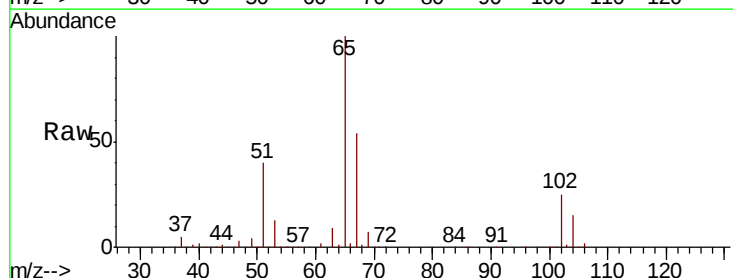
Acq: 09 Jun 2019 00:07

Tgt Ion: 65 Resp: 125057

Ion Ratio Lower Upper

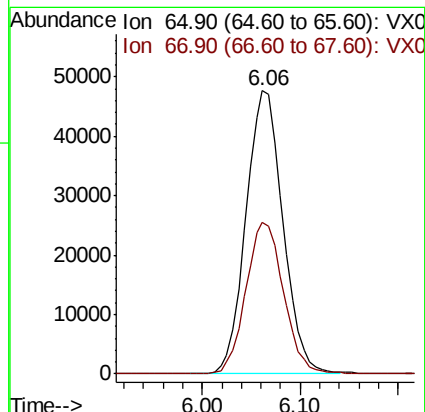
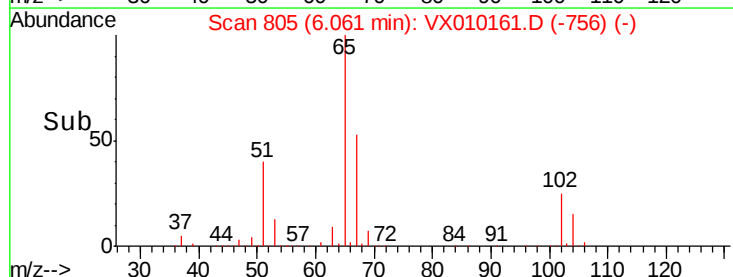
65 100

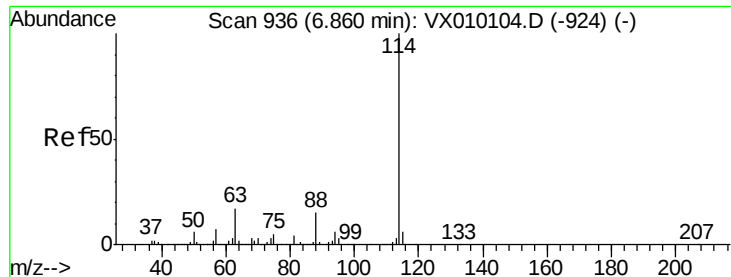
67 54.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

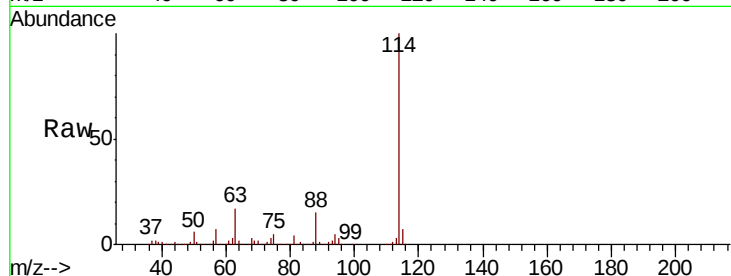




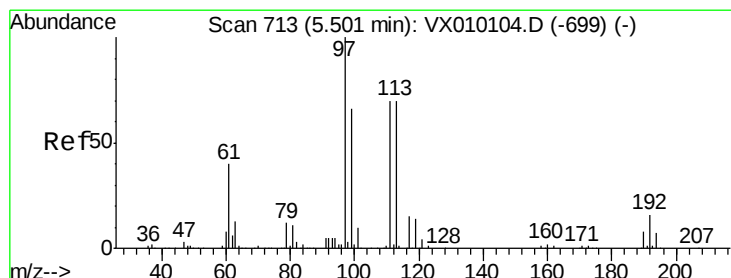
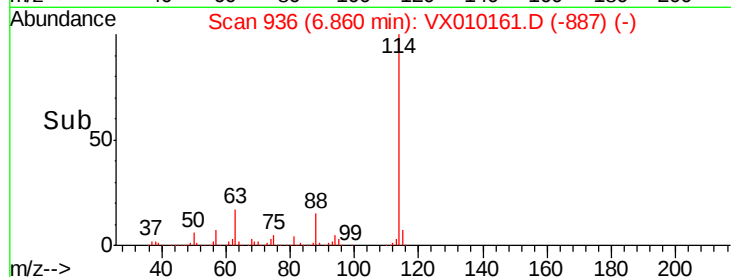
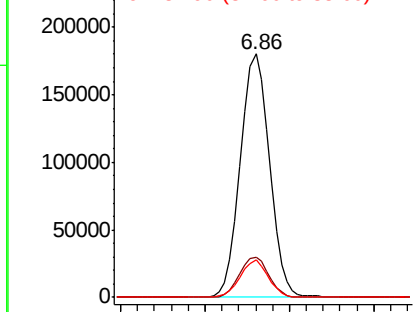
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	47.4
88	15.5	0.0	33.0

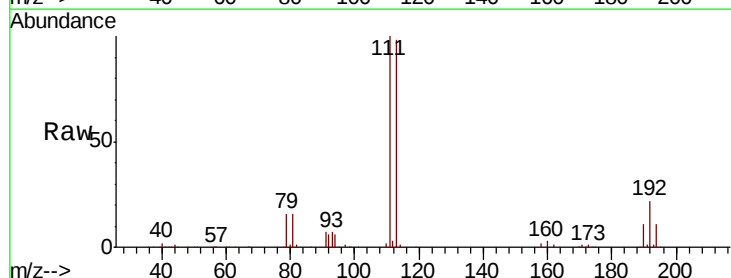


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

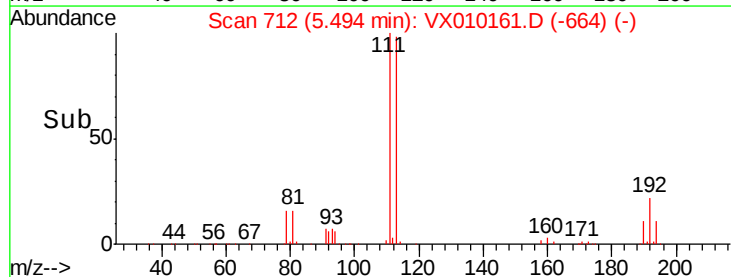
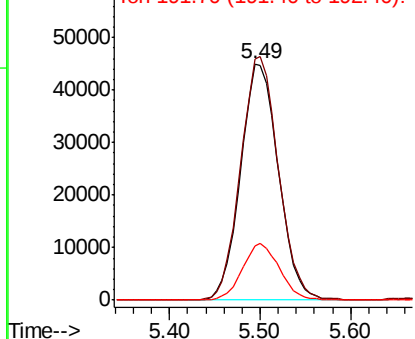


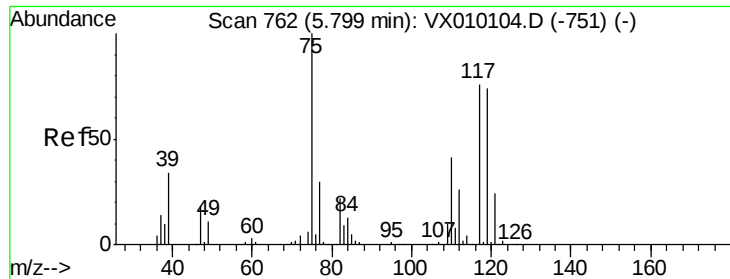
#35
 Dibromofluoromethane
 Concen: 49.893 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	23.3	17.1	25.7



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

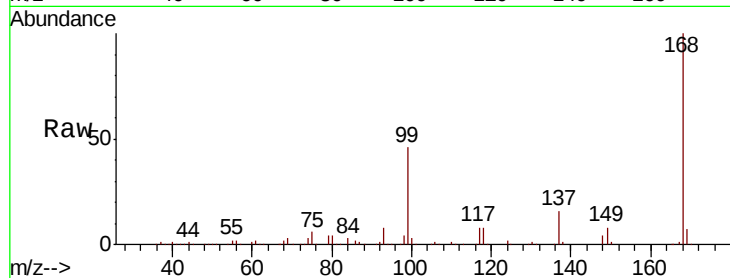




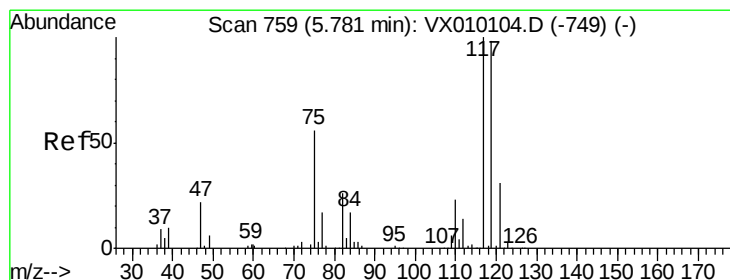
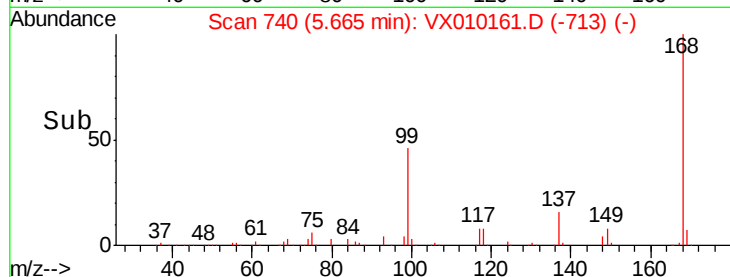
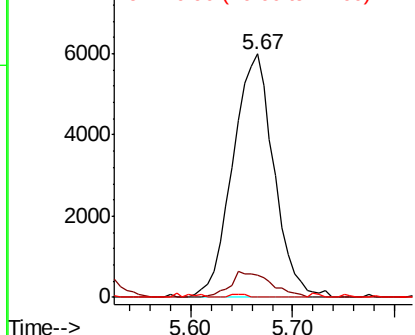
#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606

Tgt Ion: 75 Resp: 16740
 Ion Ratio Lower Upper
 75 100
 110 10.6 16.7 50.1#
 77 0.4 25.0 37.4#

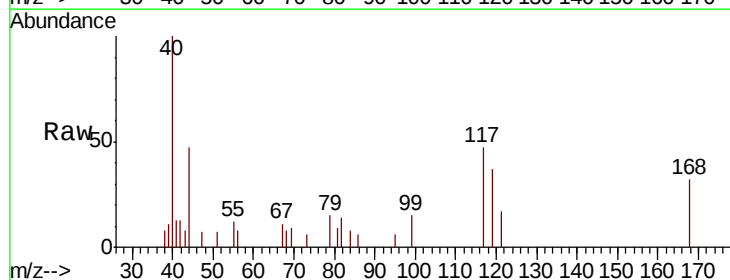


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

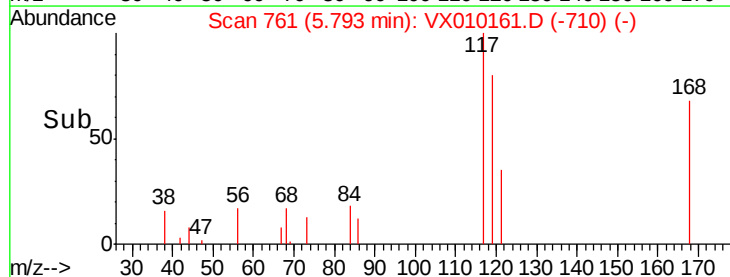
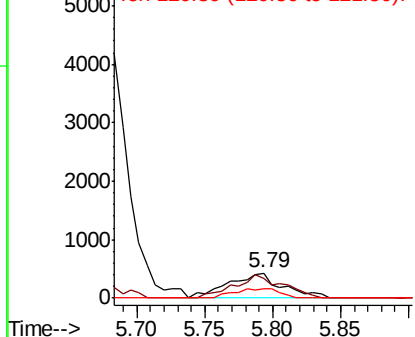


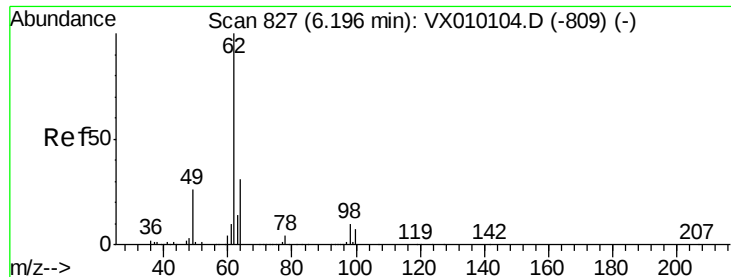
#38
 Carbon Tetrachloride
 Concen: 0.303 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Tgt Ion: 117 Resp: 1183
 Ion Ratio Lower Upper
 117 100
 119 79.6 77.3 115.9
 121 35.4 25.4 38.0



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





#42

1,2-Dichloroethane

Concen: 0.301 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

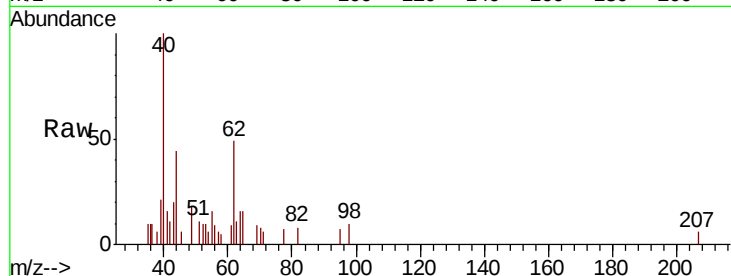
RE131D2-20190606

Tgt Ion: 62 Resp: 1024

Ion Ratio Lower Upper

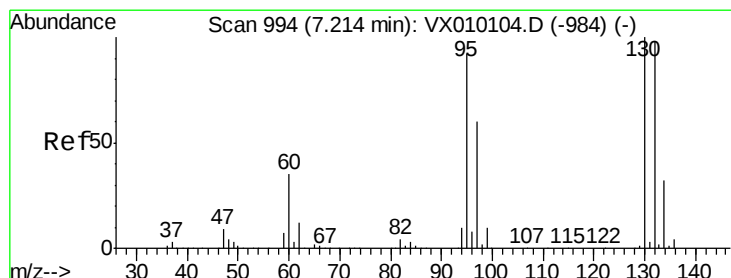
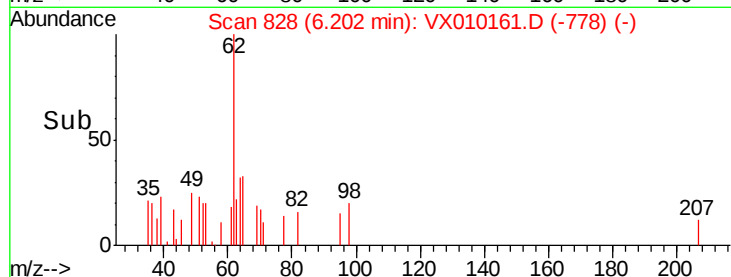
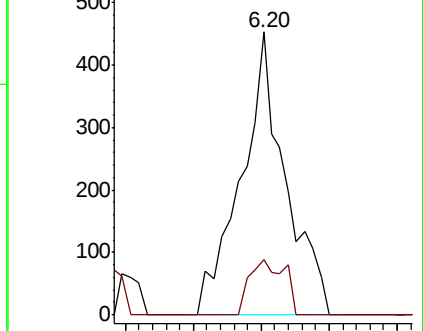
62 100 0.0 17.2

98 15.5 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 85.020 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010161.D

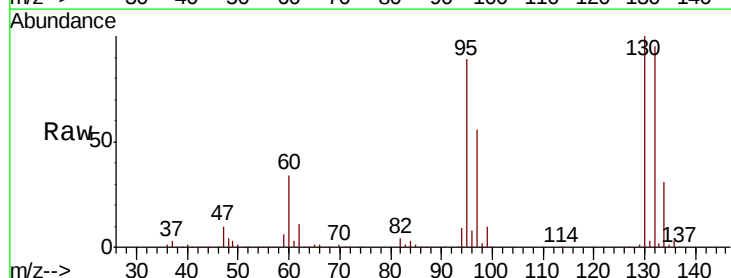
Acq: 09 Jun 2019 00:07

Tgt Ion: 130 Resp: 273049

Ion Ratio Lower Upper

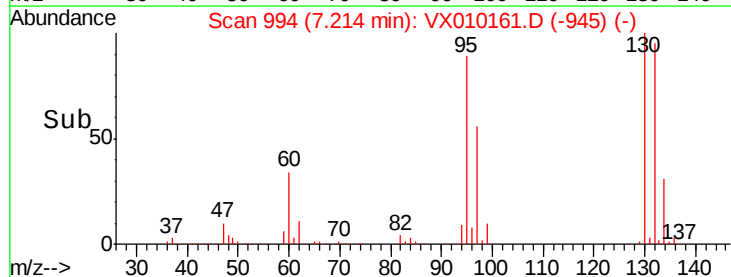
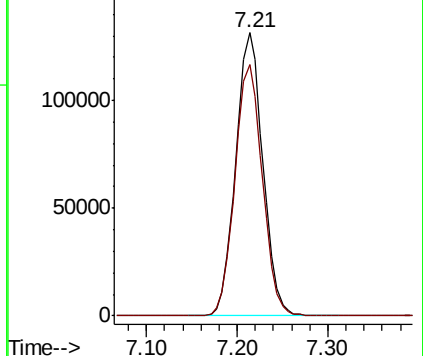
130 100 0.0 207.4

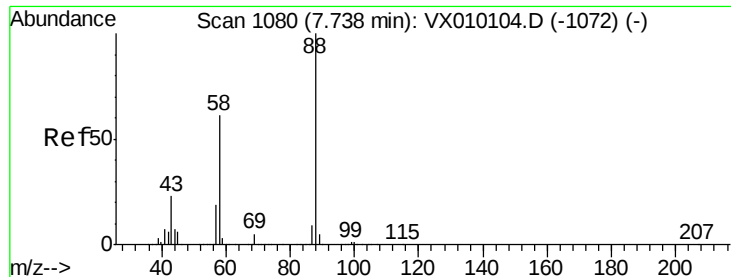
95 88.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

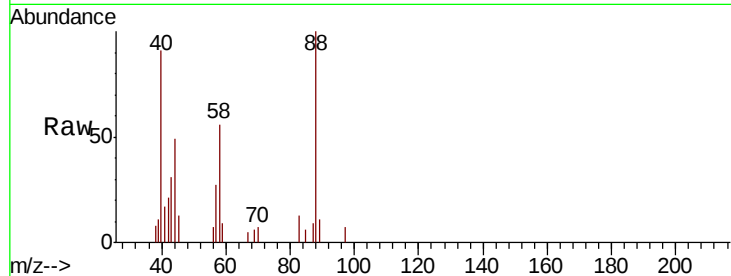




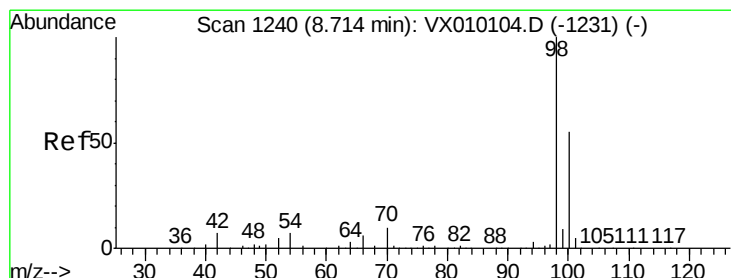
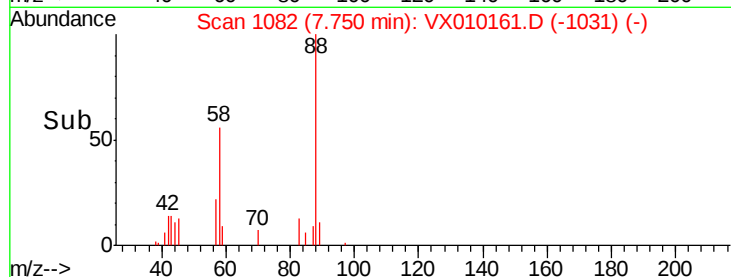
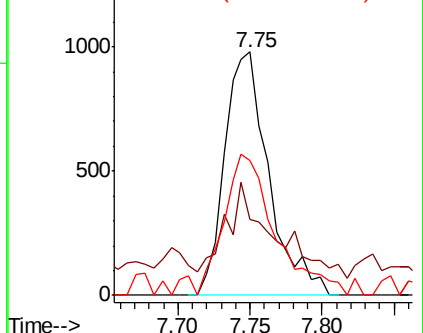
#49
 1,4-Dioxane
 Concen: 26.212 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20190606

Tgt Ion: 88 Resp: 2095
 Ion Ratio Lower Upper
 88 100
 43 42.0 30.2 45.4
 58 69.7 64.0 96.0

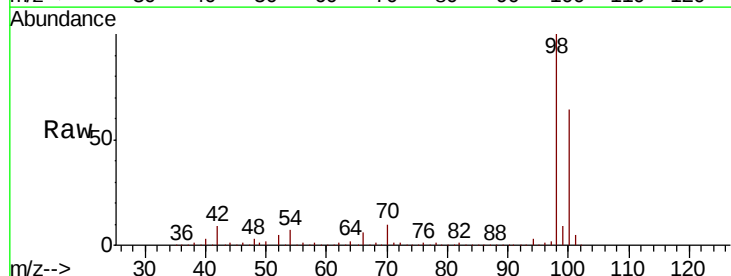


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

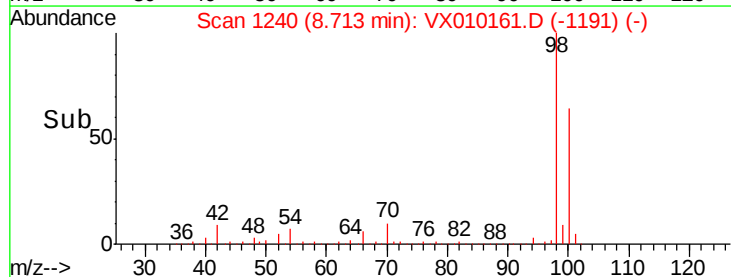
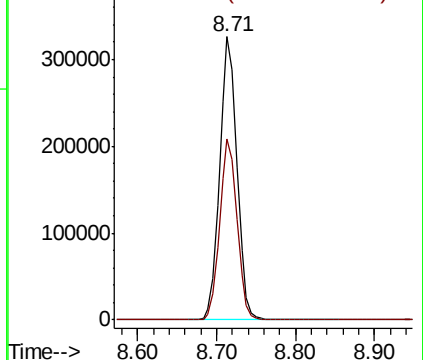


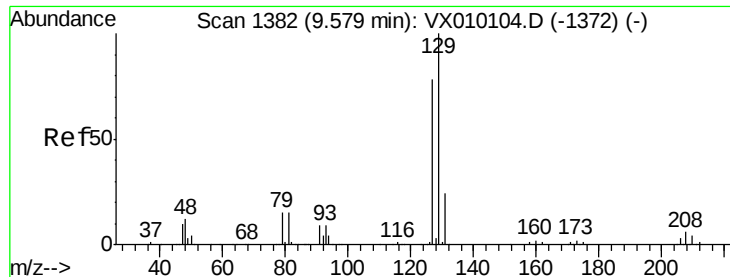
#50
 Toluene-d8
 Concen: 51.064 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010161.D
 Acq: 09 Jun 2019 00:07

Tgt Ion: 98 Resp: 498557
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.5 77.3



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





#60

Dibromochloromethane

Concen: 9.567 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

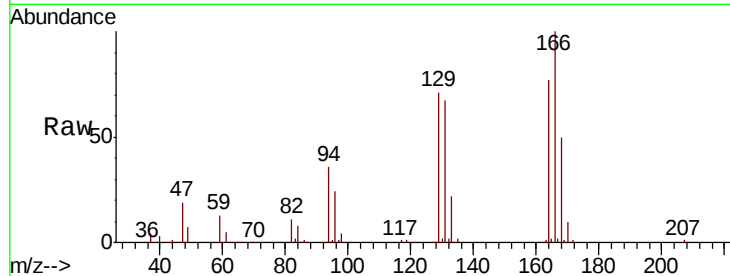
RE131D2-20190606

Tgt Ion:129 Resp: 32457

Ion Ratio Lower Upper

129 100

127 0.1 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

25000

20000

15000

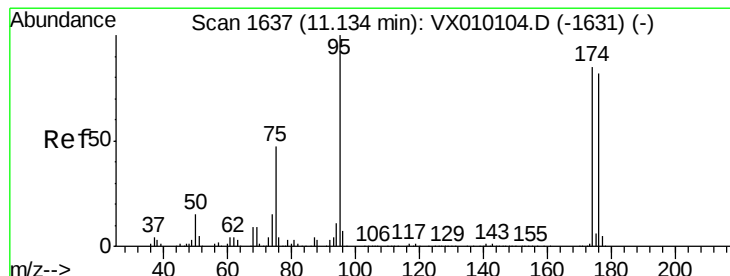
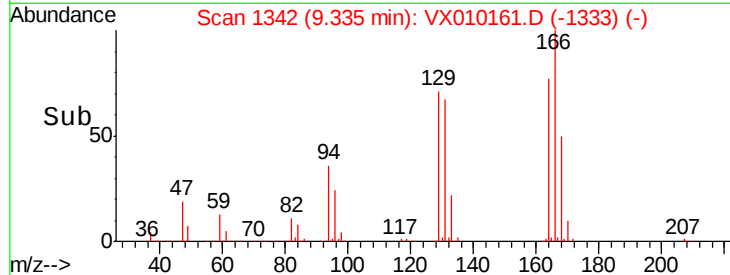
10000

5000

0

Time-->

9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 47.258 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

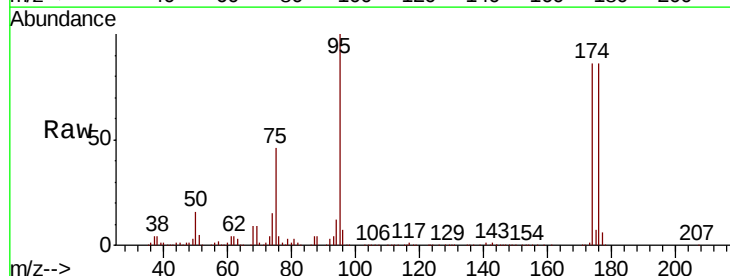
Tgt Ion: 95 Resp: 172315

Ion Ratio Lower Upper

95 100

174 92.4 0.0 160.4

176 90.3 0.0 154.6



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

150000

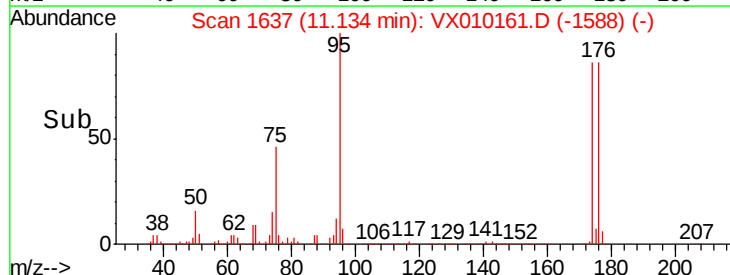
100000

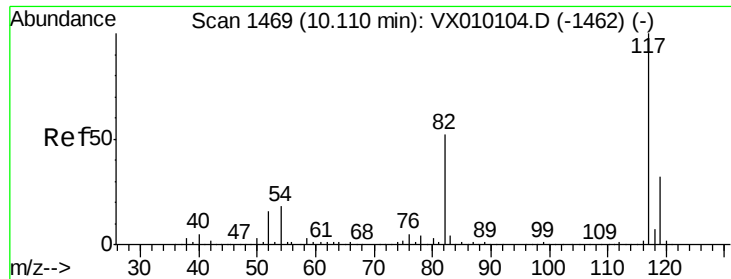
50000

0

Time-->

11.10 11.20

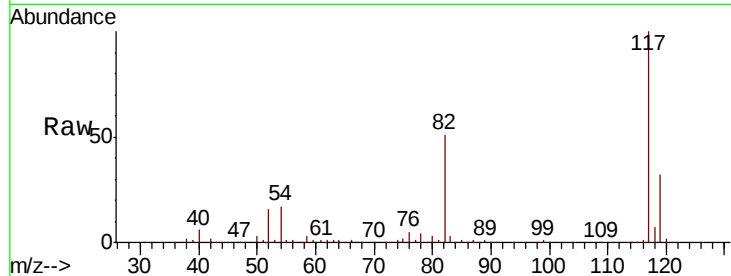




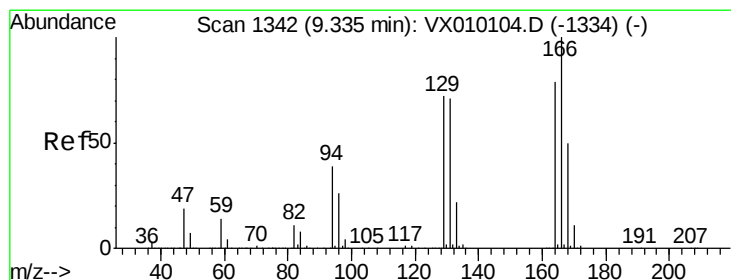
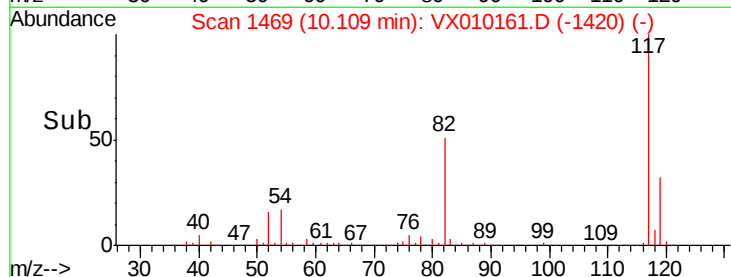
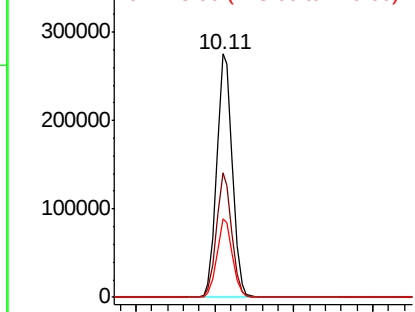
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

Tgt Ion:117 Resp: 381376
Ion Ratio Lower Upper
117 100
82 50.9 49.2 73.8
119 32.2 25.2 37.8

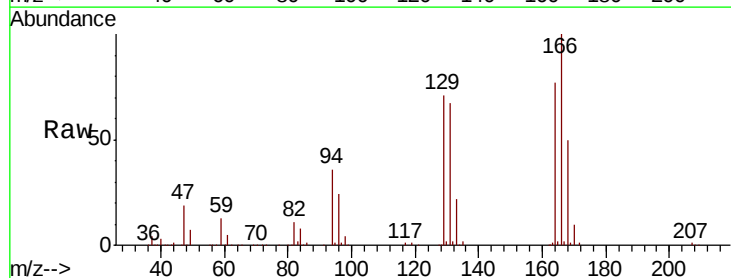


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

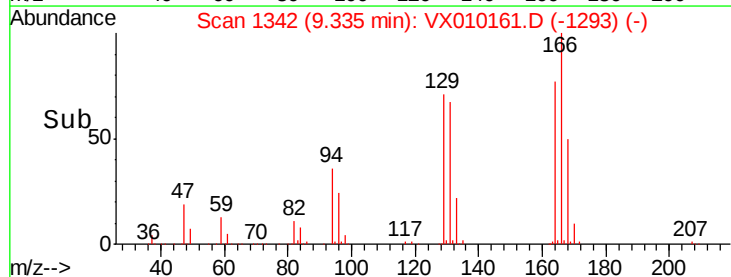
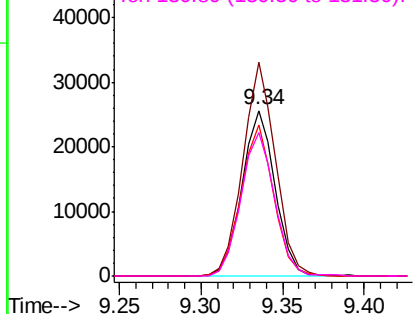


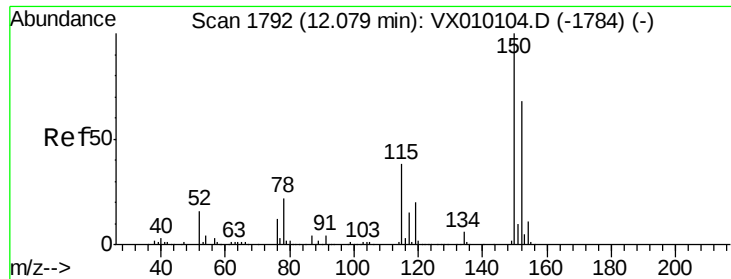
#64
Tetrachloroethene
Concen: 12.755 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion:164 Resp: 36129
Ion Ratio Lower Upper
164 100
166 129.3 105.0 157.4
129 91.3 75.1 112.7
131 86.7 72.2 108.4



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: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606

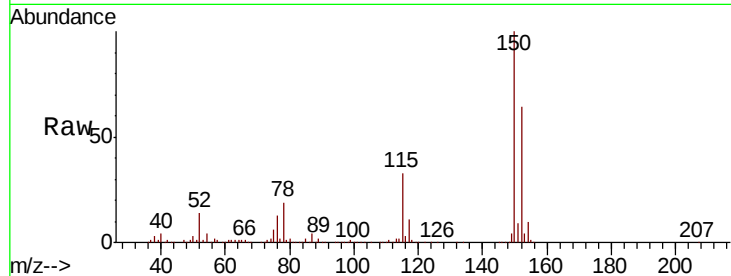
Tgt Ion:152 Resp: 179529

Ion Ratio Lower Upper

152 100

115 53.3 41.4 124.2

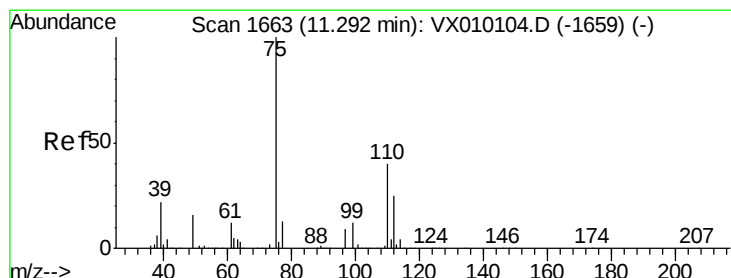
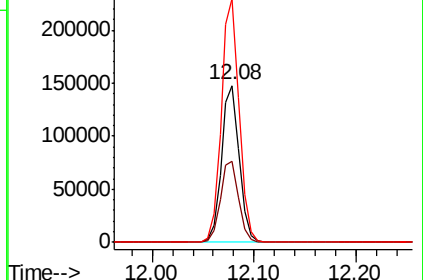
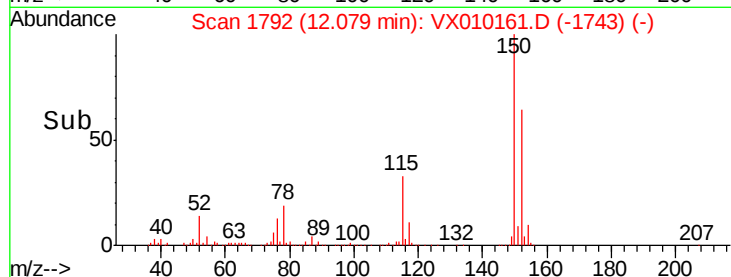
150 155.8 0.0 345.2



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: 21.948 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010161.D

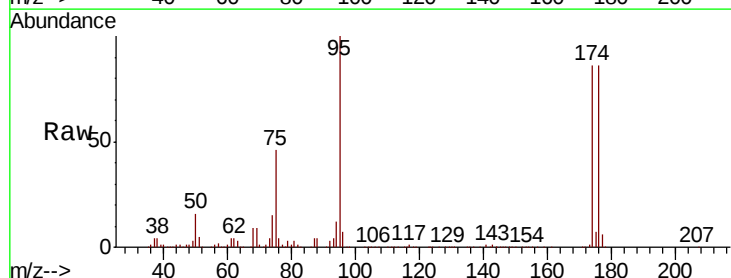
Acq: 09 Jun 2019 00:07

Tgt Ion: 75 Resp: 78815

Ion Ratio Lower Upper

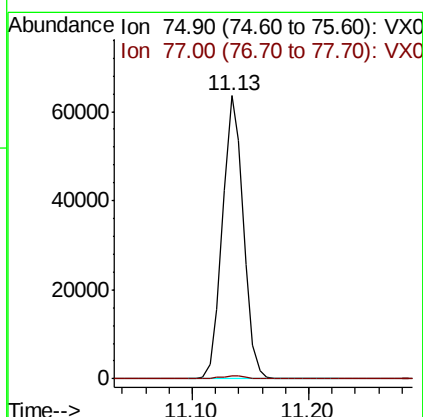
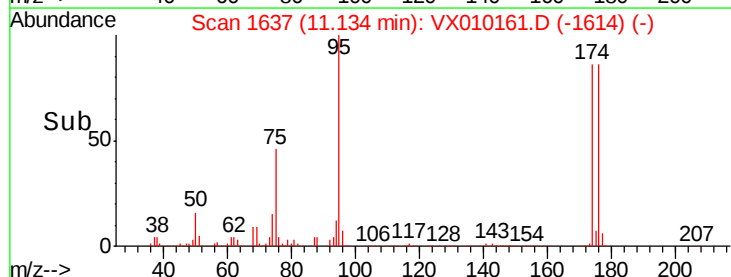
75 100

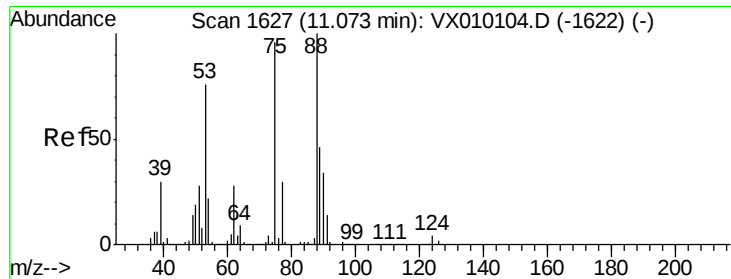
77 1.4 22.1 66.1#



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: 48.493 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010161.D

Acq: 09 Jun 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20190606

Tgt Ion: 75 Resp: 78815

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 34.2 51.4#

