

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008143.D
 Acq On : 16 Mar 2019 16:14
 Operator : JC/SP
 Sample : K1698-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031419

Quant Time: Mar 18 01:14:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402805	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132671	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
35) Dibromofluoromethane	5.50	113	122387	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.71	98	467298	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	150640	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	188	Below Cal	#	55
6) Chloroethane	1.72	64	171	Below Cal	#	43
8) Diethyl Ether	2.19	74	792	0.494	ug/l	88
11) Tert butyl alcohol	3.06	59	170	0.292	ug/l #	73
13) Acrolein	2.30	56	570	1.063	ug/l #	80
16) Acetone	2.45	43	12137	8.531	ug/l	96
18) Methyl Acetate	2.78	43	9433	3.068	ug/l	91
20) Methylene Chloride	2.86	84	36719	14.452	ug/l	93
25) 2-Butanone	4.70	43	1951	0.893	ug/l	92
29) Tetrahydrofuran	5.16	42	819	0.601	ug/l	92
30) Chloroform	5.20	83	2096	0.458	ug/l #	82
31) Cyclohexane	5.66	56	3845	0.892	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16659	5.027	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24548	7.696	ug/l #	17
43) Isopropyl Acetate	6.46	43	9184	1.601	ug/l	97
47) Bromodichloromethane	7.90	83	935	0.293	ug/l #	75
48) Methyl methacrylate	7.68	41	6756	2.255	ug/l #	31
49) 1,4-Dioxane	7.88	88	134	2.074	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	65182	17.243	ug/l #	50
52) Toluene	8.78	92	1467	0.227	ug/l	92
54) cis-1,3-Dichloropropene	8.62	75	34792	8.945	ug/l #	60
57) 1,3-Dichloropropane	9.54	76	8379	1.927	ug/l #	43
59) 2-Hexanone	9.54	43	105841	35.801	ug/l #	52
67) Ethyl Benzene	10.25	91	3214	0.282	ug/l	92
68) m/p-Xylenes	10.36	106	2554	0.586	ug/l	95
69) o-Xylene	10.69	106	1787	0.421	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	67388	24.530	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	3662	0.439	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	67388	69.804	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	9962	1.157	ug/l	99
90) Hexachloroethane	12.66	117	496	0.344	ug/l #	1
95) Naphthalene	13.83	128	184706	18.991	ug/l	100

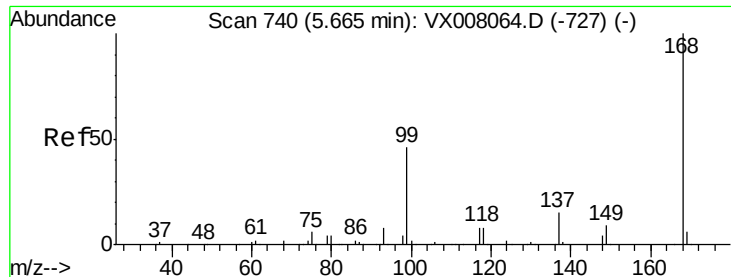
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
Data File : VX008143.D
Acq On : 16 Mar 2019 16:14
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

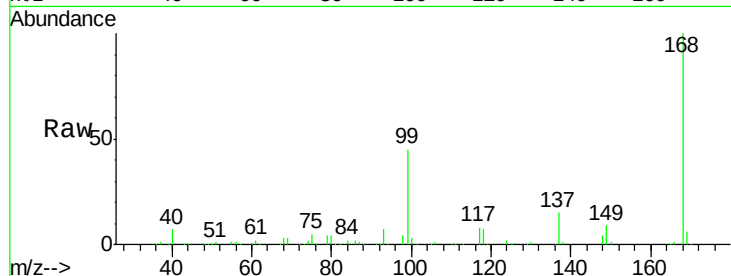
TR-04-031419

Tot Ion:168 Resp: 298725

Ion Ratio Lower Upper

168 100

99 45.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

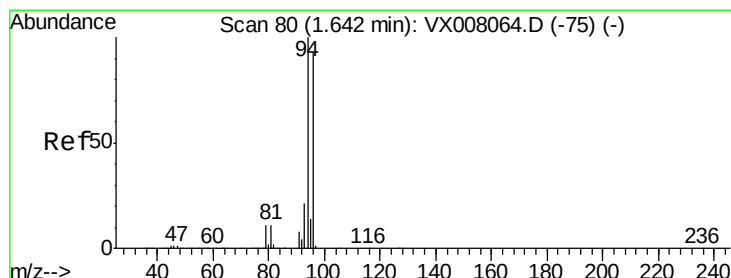
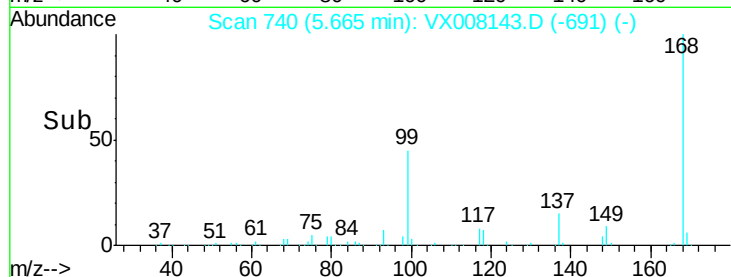
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008143.D

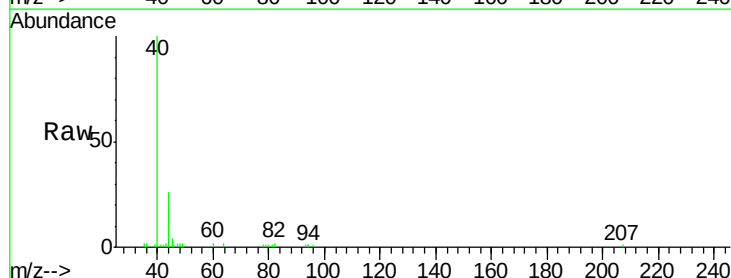
Acq: 16 Mar 2019 16:14

Tgt Ion: 94 Resp: 188

Ion Ratio Lower Upper

94 100

96 50.4 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

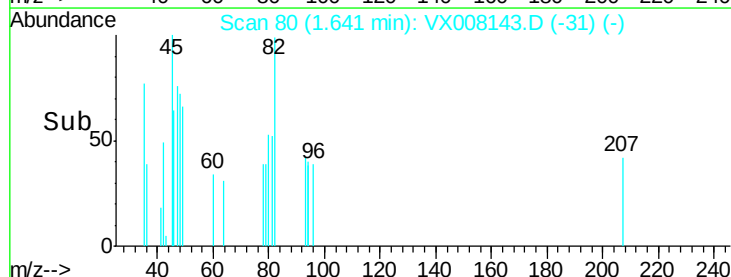
1.64

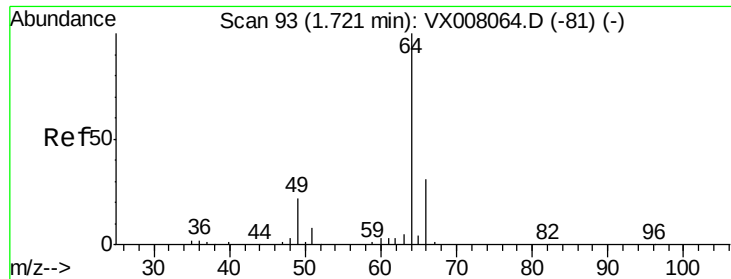
100

50

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

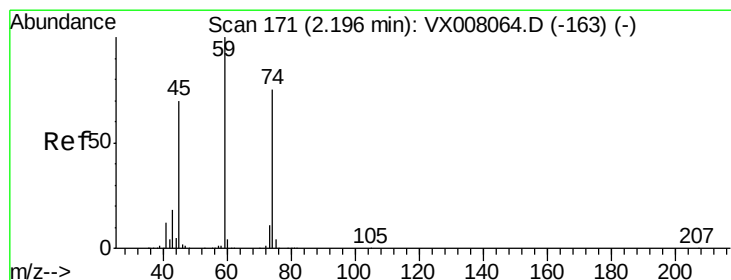
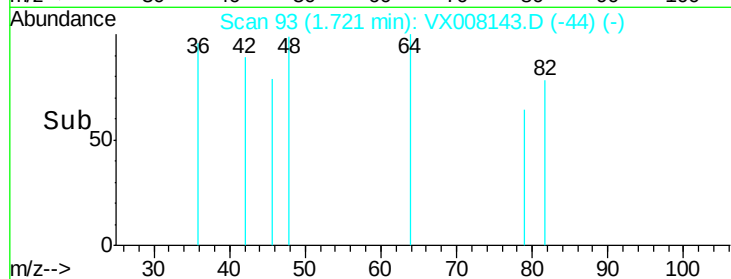
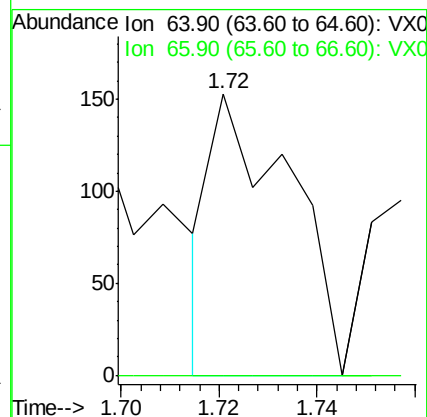
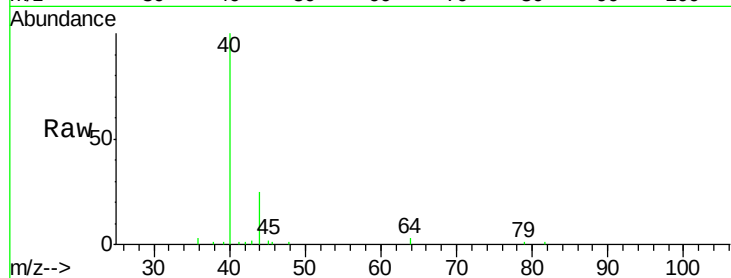
TR-04-031419

Tot Ion: 64 Resp: 171

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#8

Diethyl Ether

Concen: 0.494 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX008143.D

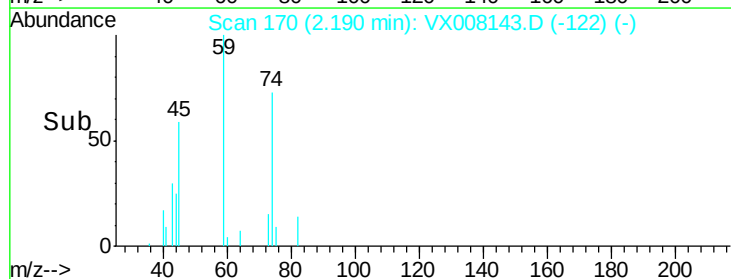
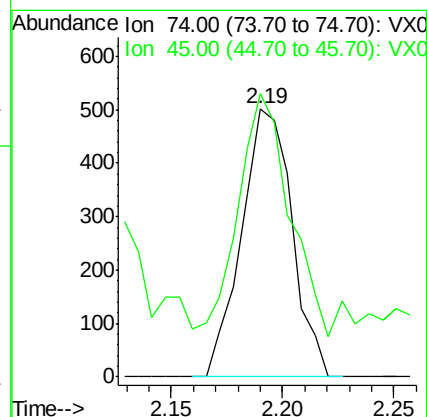
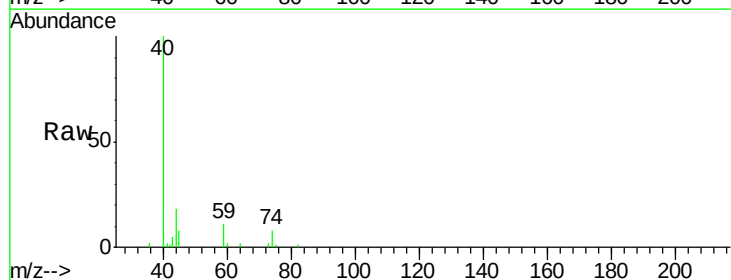
Acq: 16 Mar 2019 16:14

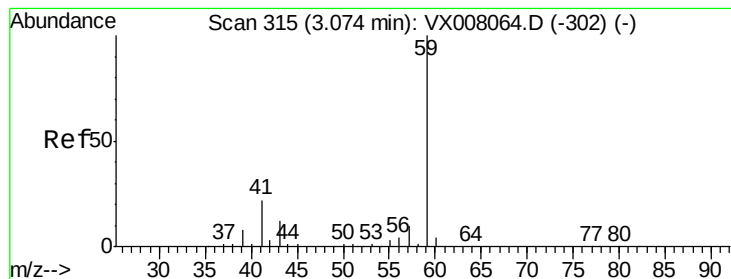
Tgt Ion: 74 Resp: 792

Ion Ratio Lower Upper

74 100

45 92.2 52.1 156.4



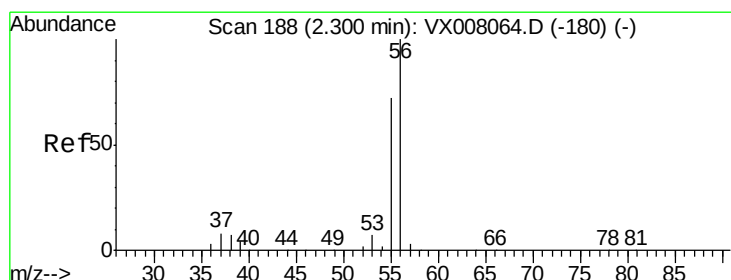
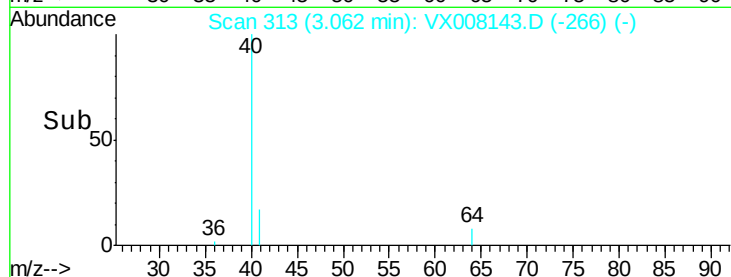
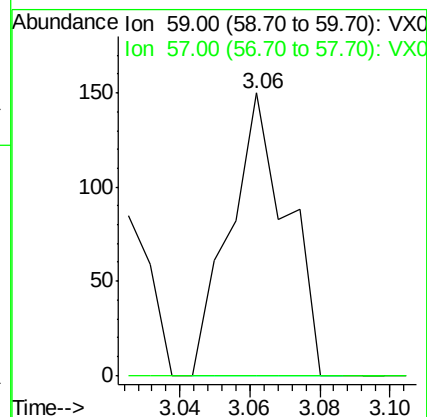
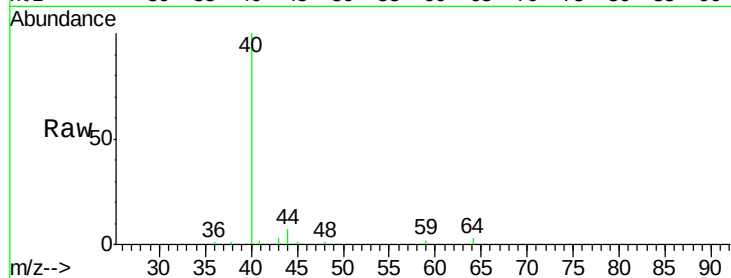


#11

Tert butyl alcohol
 Concen: 0.292 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031419

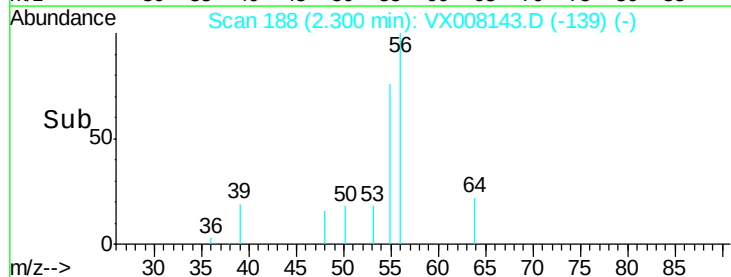
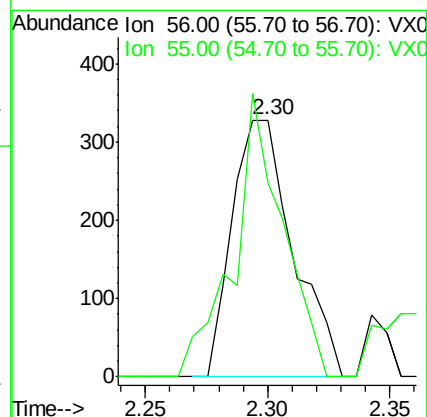
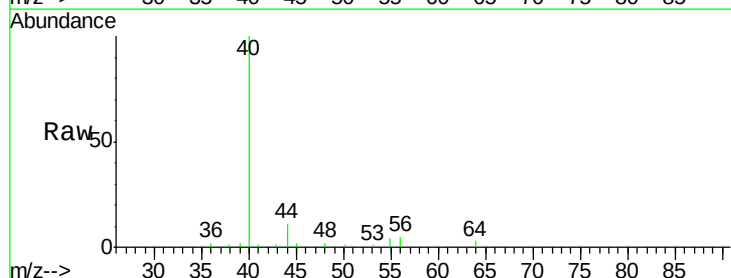
Tot Ion: 59 Resp: 170
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

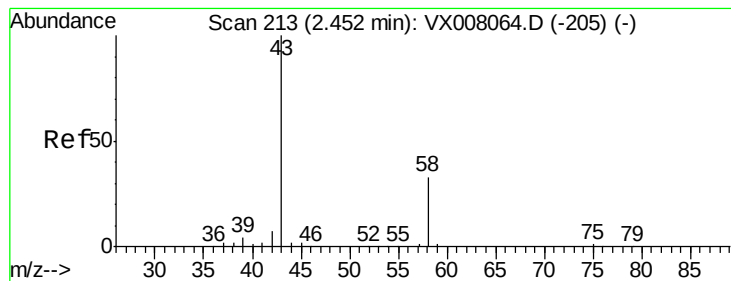


#13

Acrolein
 Concen: 1.063 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. -0.00 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

Tgt Ion: 56 Resp: 570
 Ion Ratio Lower Upper
 56 100
 55 88.8 57.8 86.6#





#16

Acetone

Concen: 8.531 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

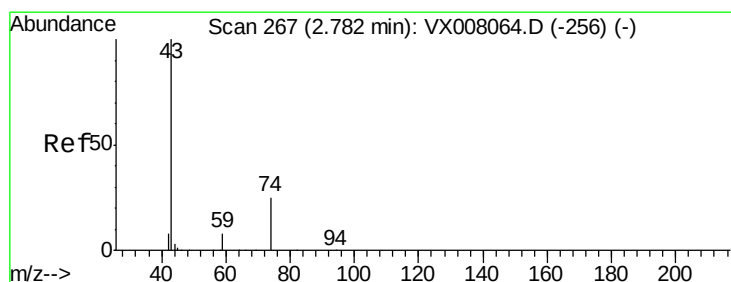
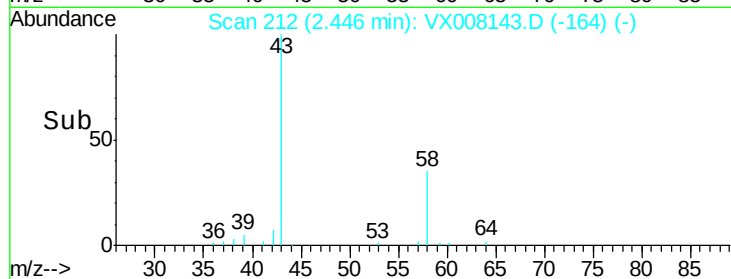
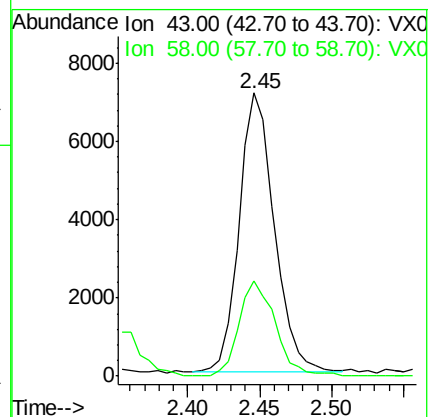
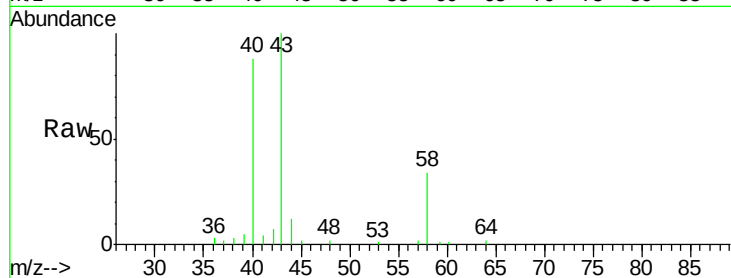
TR-04-031419

Tot Ion: 43 Resp: 12137

Ion Ratio Lower Upper

43 100

58 34.3 25.5 38.3



#18

Methyl Acetate

Concen: 3.068 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008143.D

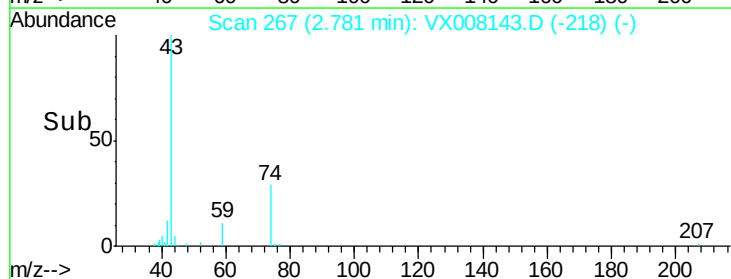
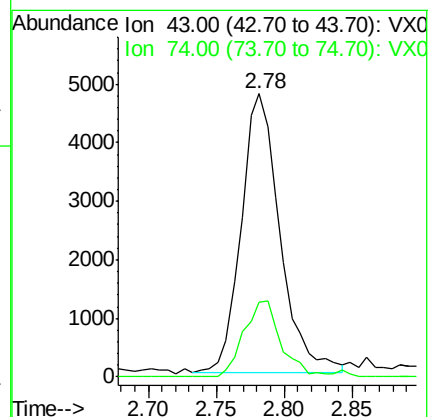
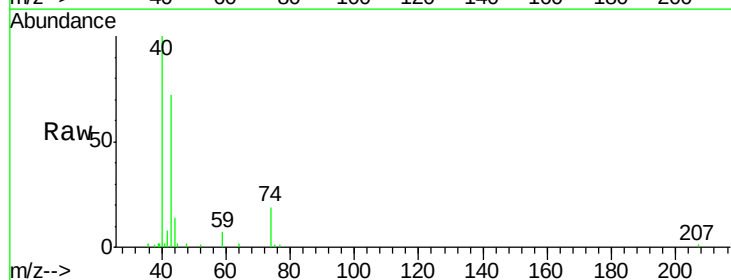
Acq: 16 Mar 2019 16:14

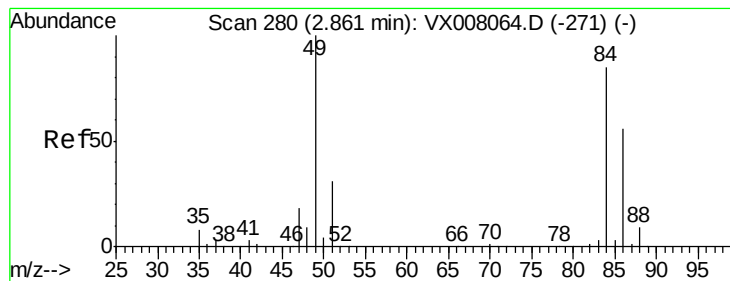
Tgt Ion: 43 Resp: 9433

Ion Ratio Lower Upper

43 100

74 26.4 17.8 26.6





#20

Methvlene Chloride

Concen: 14.452 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031419

Tot Ion: 84 Resp: 36719

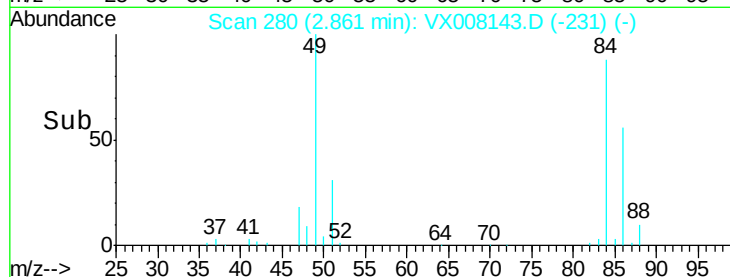
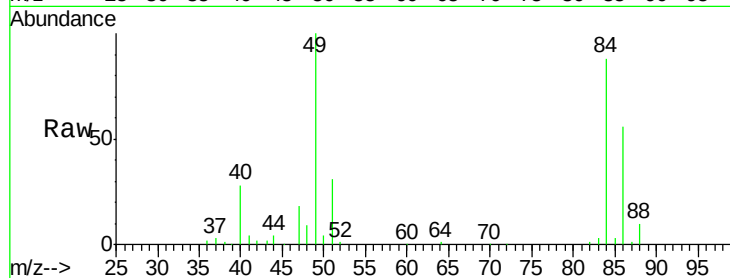
Ion Ratio Lower Upper

84 100

49 113.5 99.3 148.9

51 35.1 31.3 46.9

86 63.7 52.6 79.0

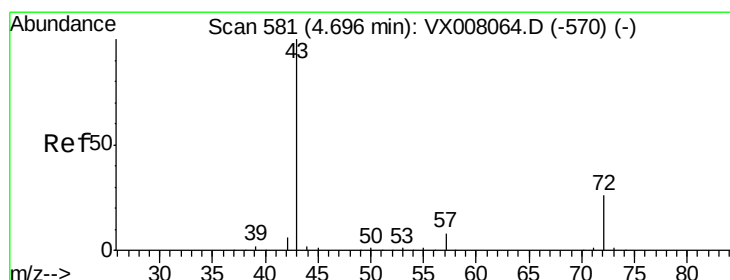
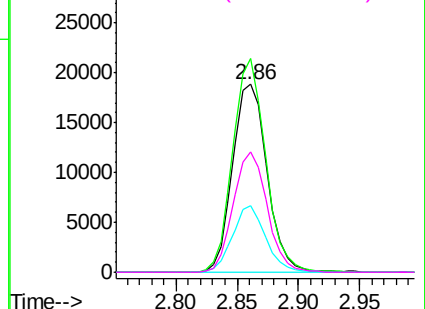


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.893 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008143.D

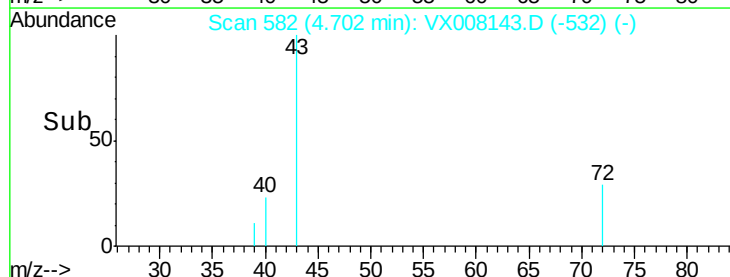
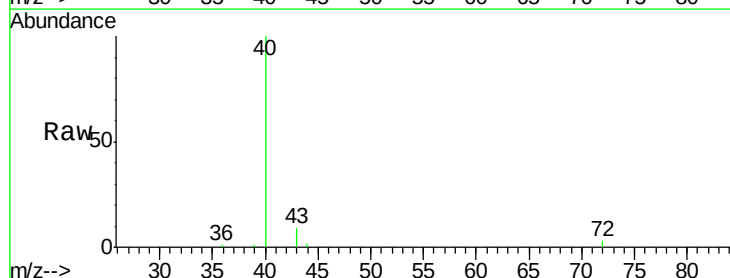
Acq: 16 Mar 2019 16:14

Tgt Ion: 43 Resp: 1951

Ion Ratio Lower Upper

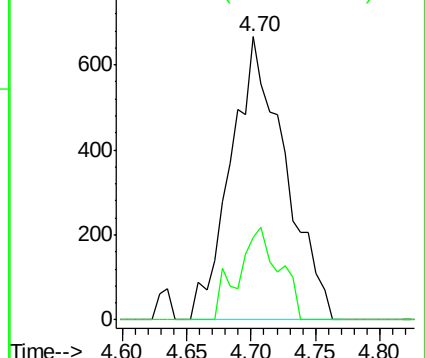
43 100

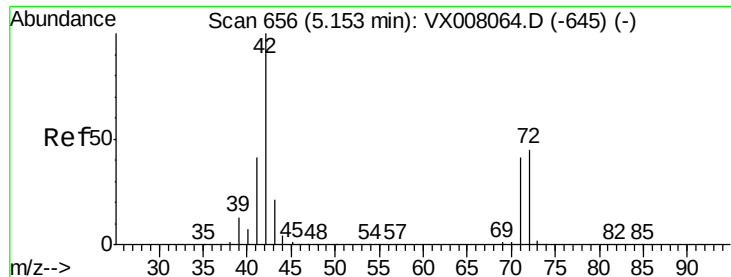
72 29.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

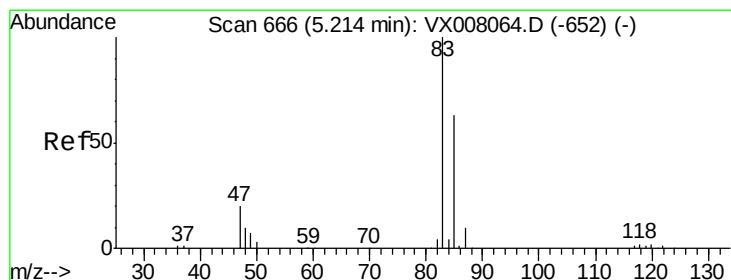
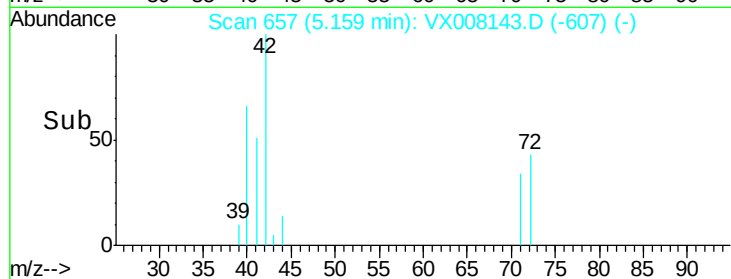
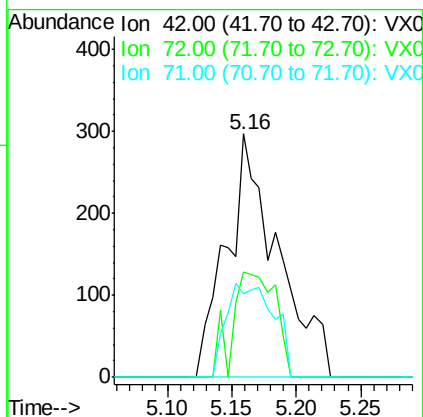
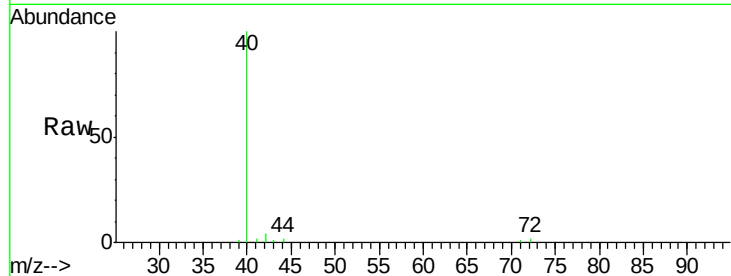




#29
Tetrahydrofuran
Concen: 0.601 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

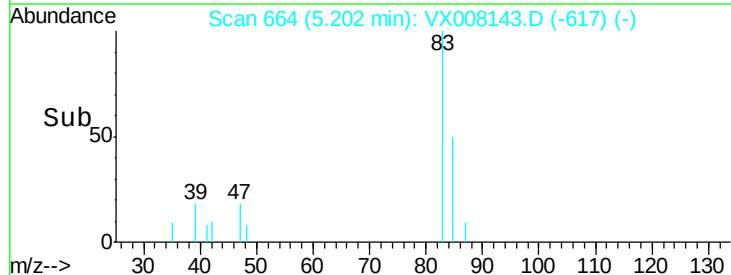
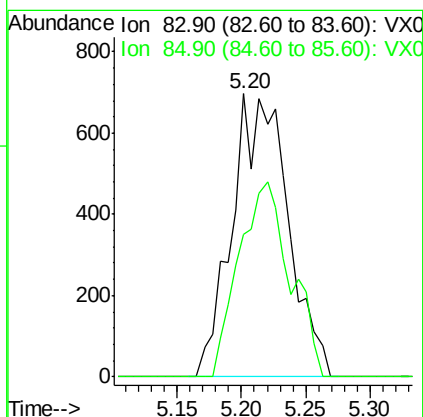
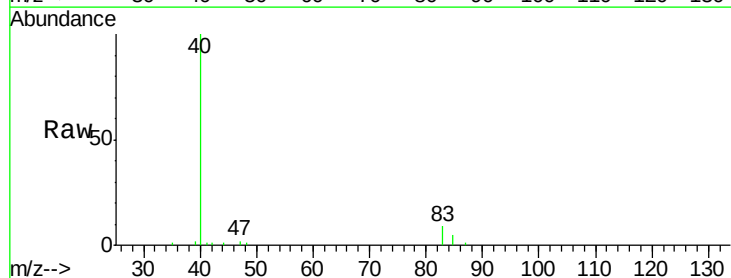
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031419

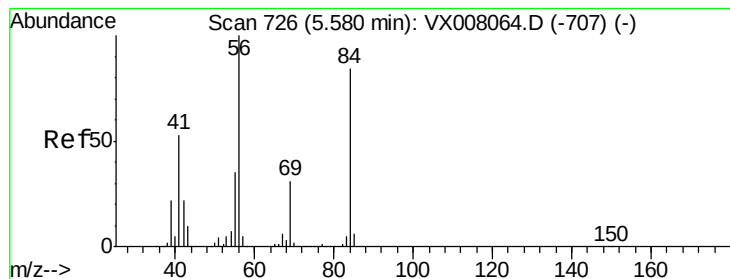
Tot Ion: 42 Resp: 819
Ion Ratio Lower Upper
42 100
72 36.4 33.8 50.6
71 35.5 31.5 47.3



#30
Chloroform
Concen: 0.458 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

Tgt Ion: 83 Resp: 2096
Ion Ratio Lower Upper
83 100
85 50.4 51.8 77.6#





#31

Cyclohexane

Concen: 0.892 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031419

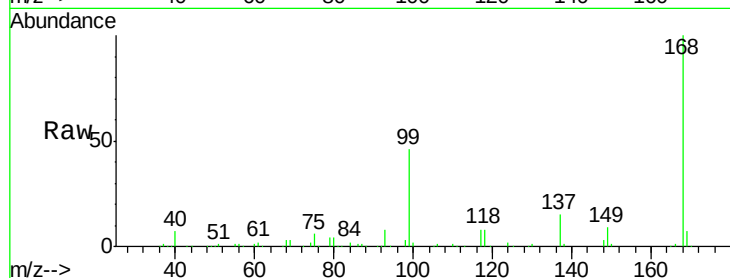
Tot Ion: 56 Resp: 3845

Ion Ratio Lower Upper

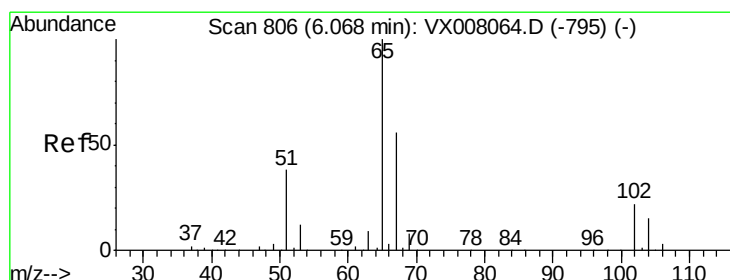
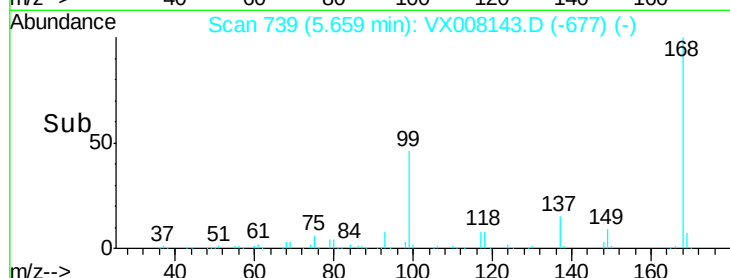
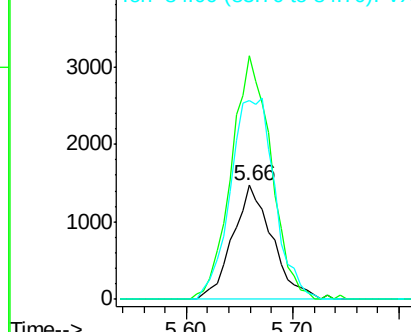
56 100

69 213.5 24.0 36.0#

84 174.6 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.028 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008143.D

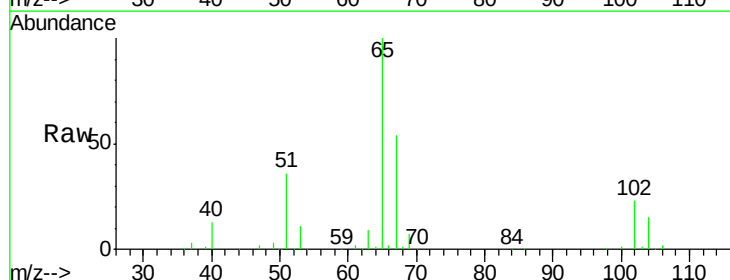
Acq: 16 Mar 2019 16:14

Tgt Ion: 65 Resp: 132671

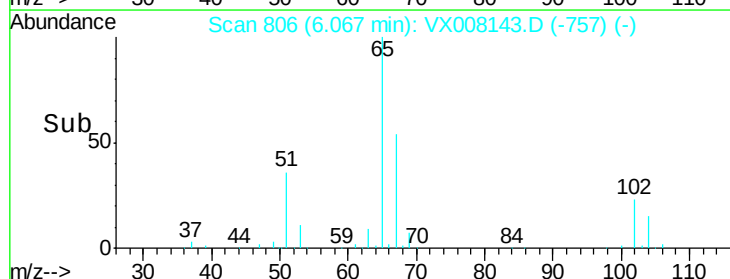
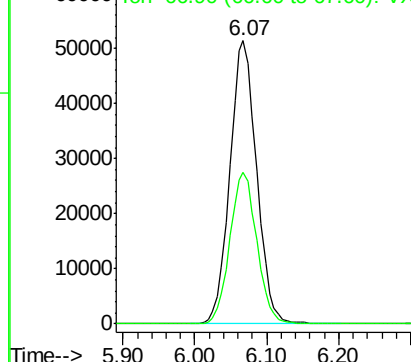
Ion Ratio Lower Upper

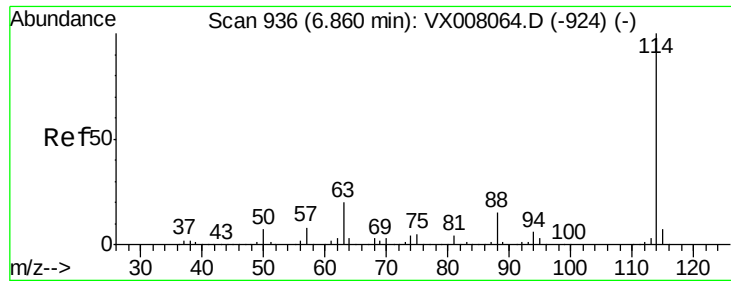
65 100

67 54.2 0.0 110.0



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: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031419

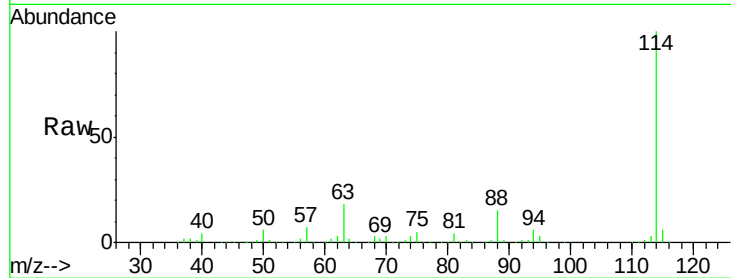
Tot Ion:114 Resp: 402805

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.8

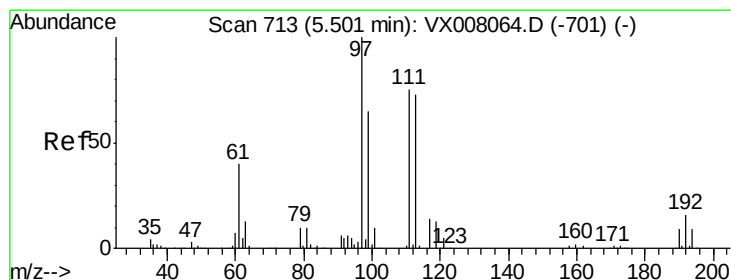
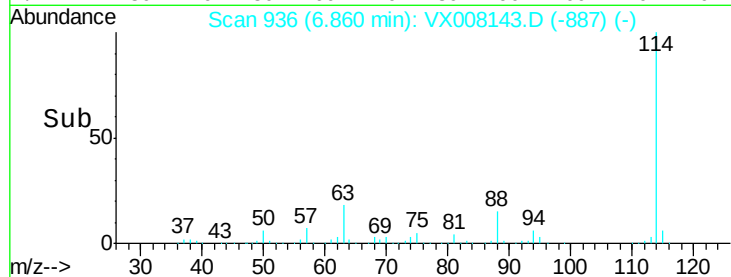
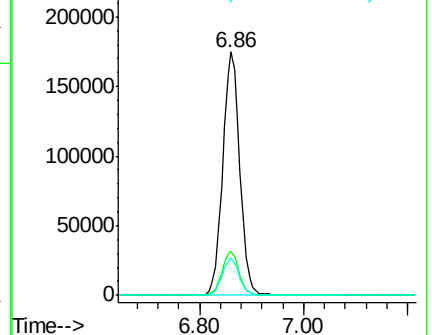
88 15.2 0.0 31.4



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: 47.913 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

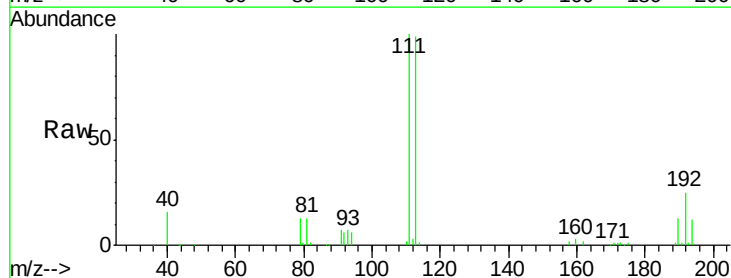
Tgt Ion:113 Resp: 122387

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

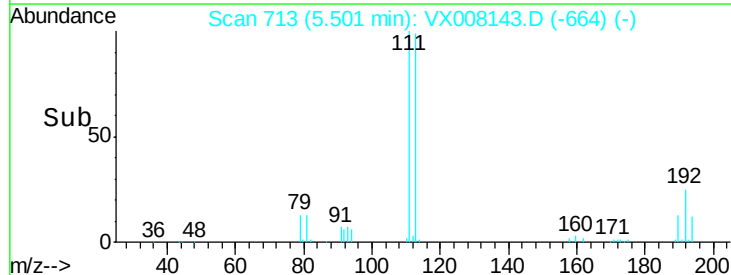
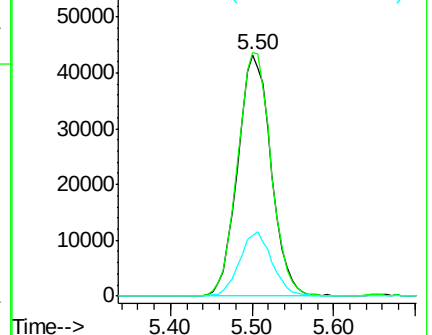
192 25.9 19.4 29.0

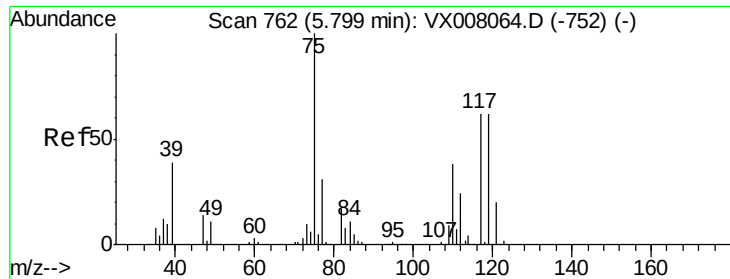


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

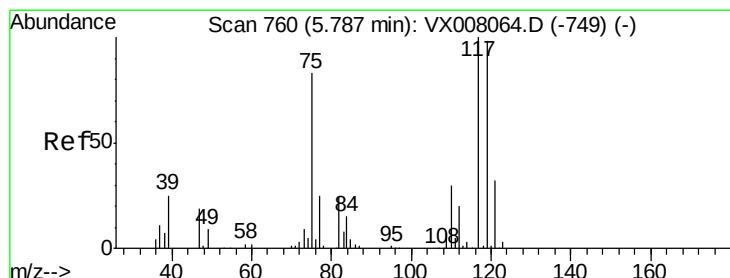
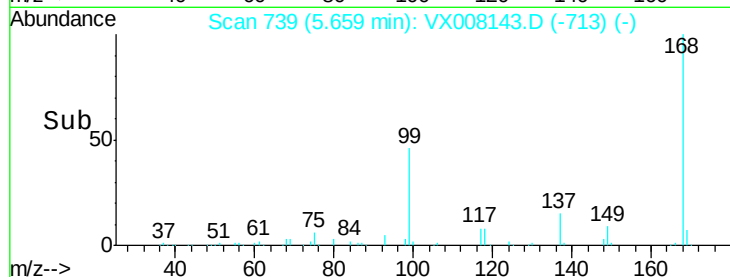
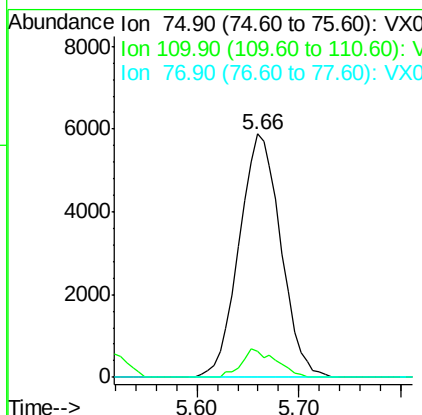
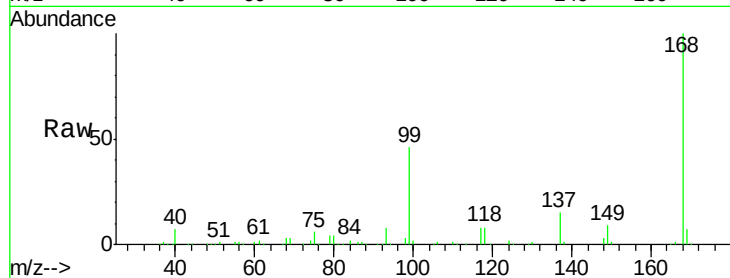




#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

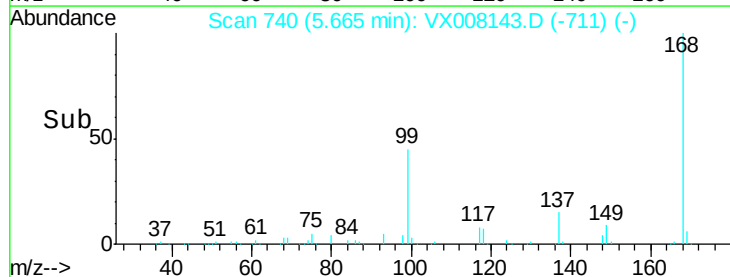
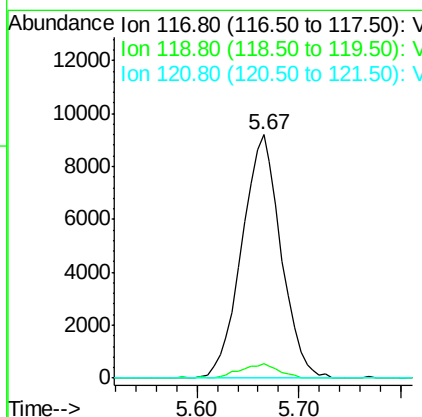
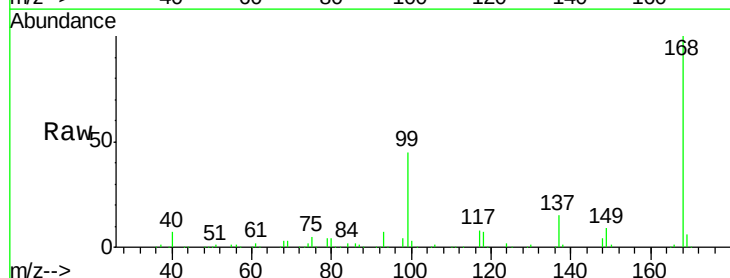
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031419

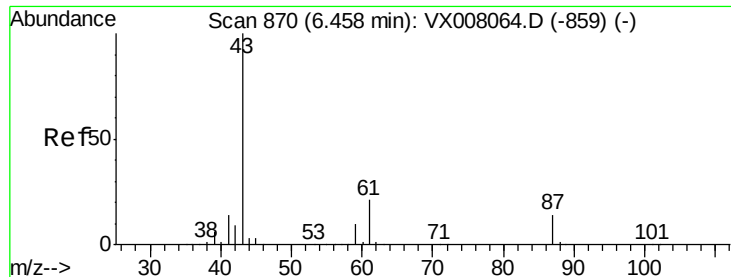
Tot Ion: 75 Resp: 16659
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.4 55.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.696 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

Tgt Ion:117 Resp: 24548
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.2 114.2#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.601 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031419

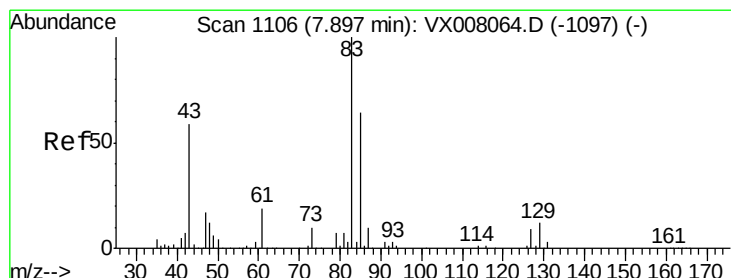
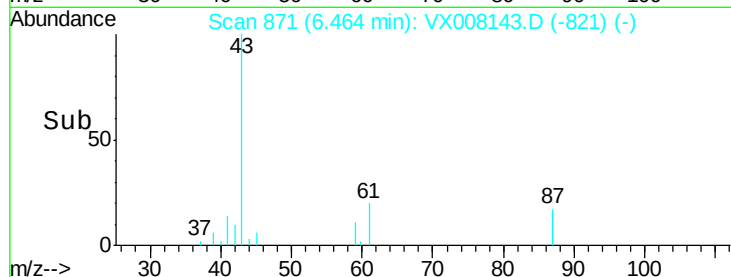
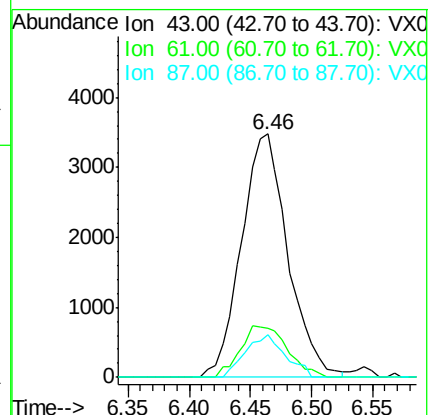
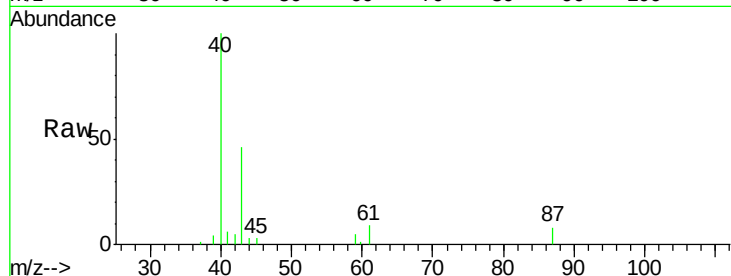
Tot Ion: 43 Resp: 9184

Ion Ratio Lower Upper

43 100

61 21.3 16.3 24.5

87 14.9 10.5 15.7



#47

Bromodichloromethane

Concen: 0.293 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

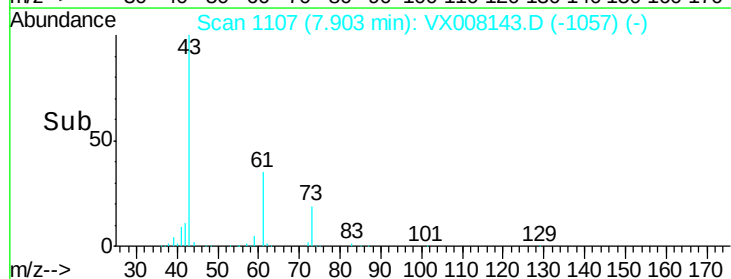
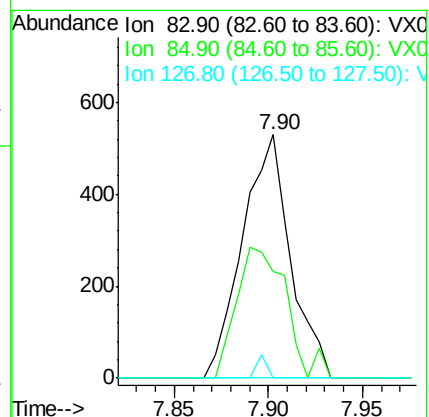
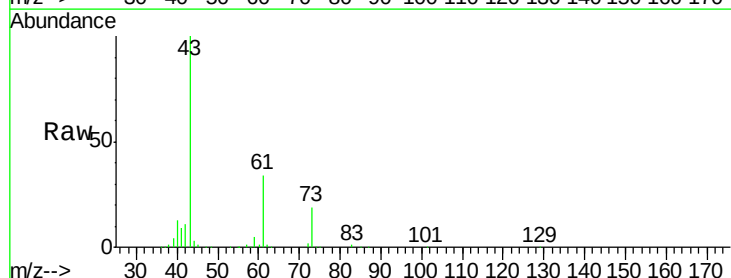
Tgt Ion: 83 Resp: 935

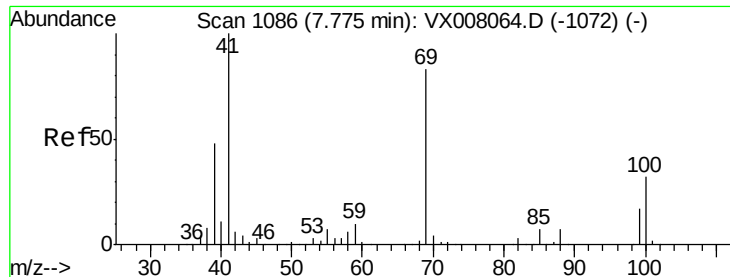
Ion Ratio Lower Upper

83 100

85 44.0 50.9 76.3#

127 0.0 7.4 11.0#

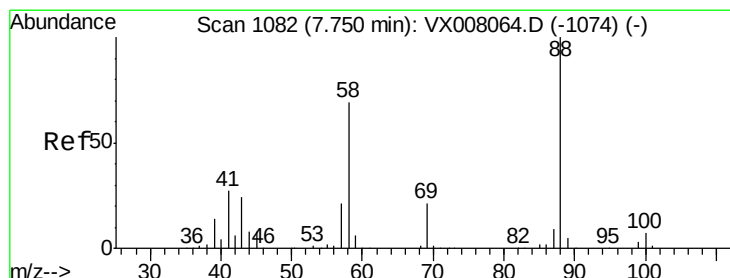
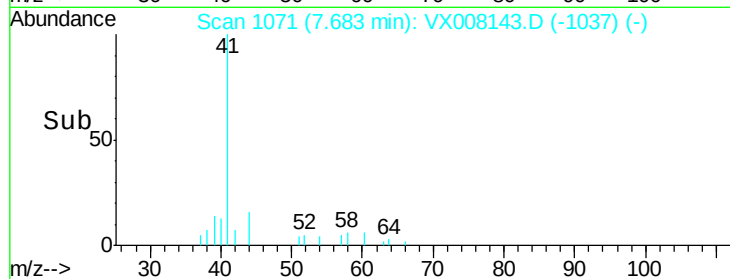
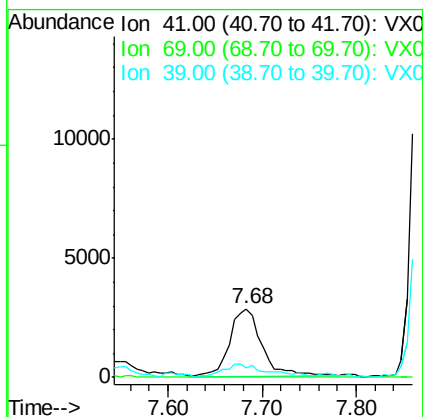
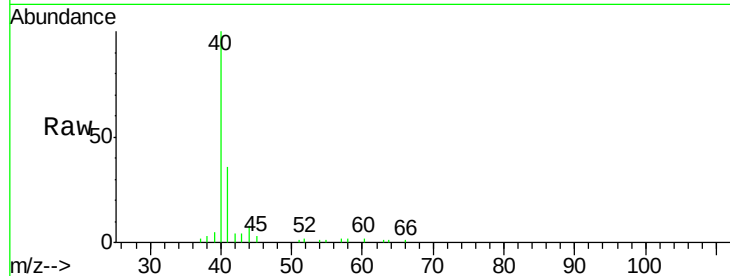




#48
Methvl methacrylate
Concen: 2.255 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

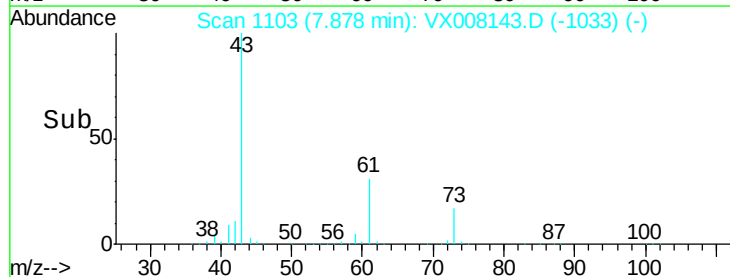
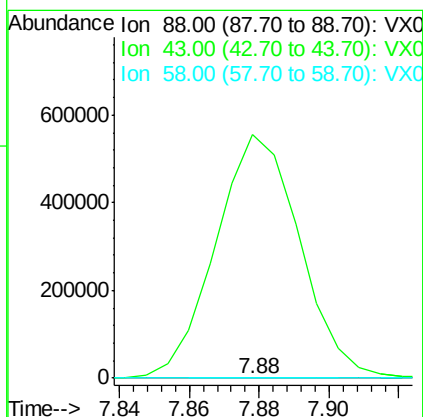
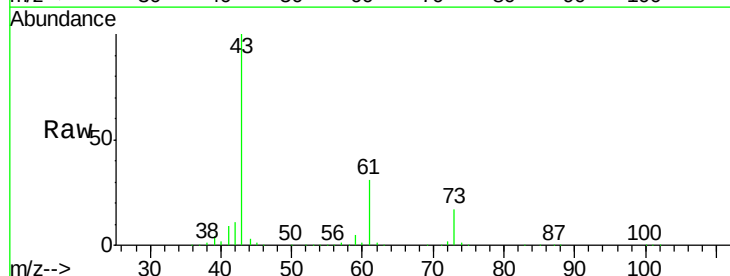
Instrument :
MSVOA_X
ClientSampled :
TR-04-031419

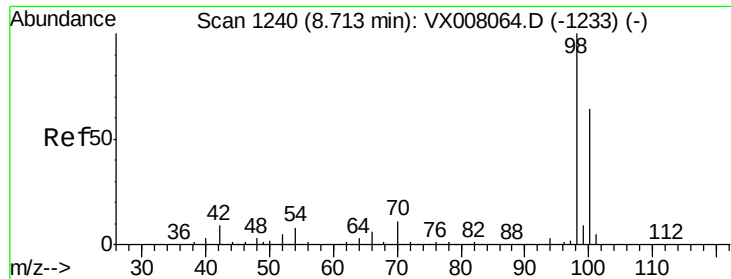
Tot Ion: 41 Resp: 6756
Ion Ratio Lower Upper
41 100
69 0.0 65.2 97.8#
39 27.9 39.4 59.2#



#49
1,4-Dioxane
Concen: 2.074 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.13 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
43 698181.3 25.1 37.7#
58 3023.9 57.8 86.6#

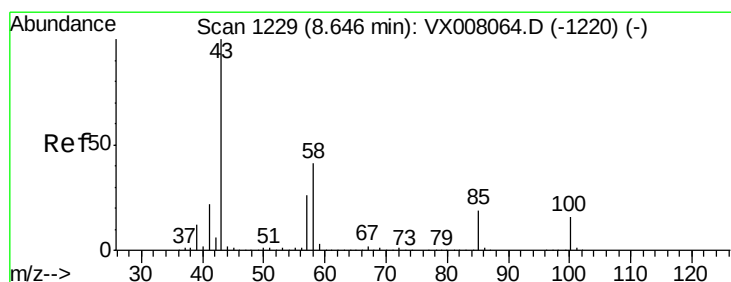
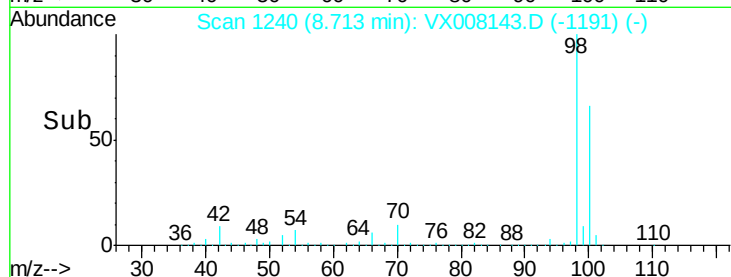
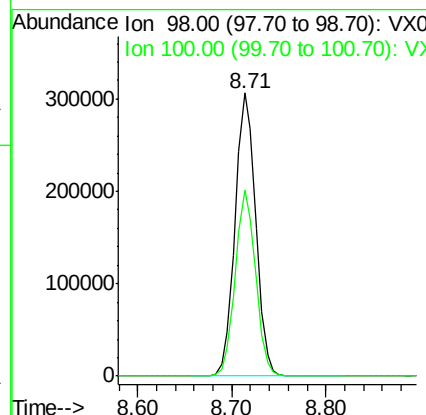
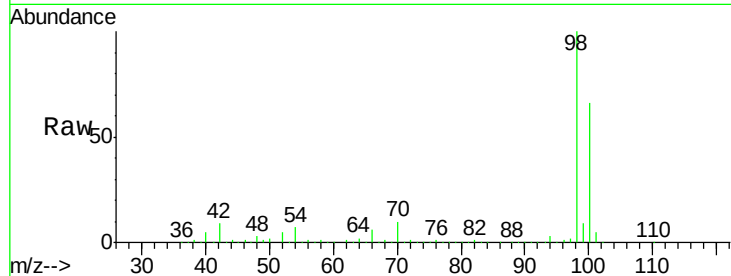




#50
Toluene-d8
Concen: 48.101 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

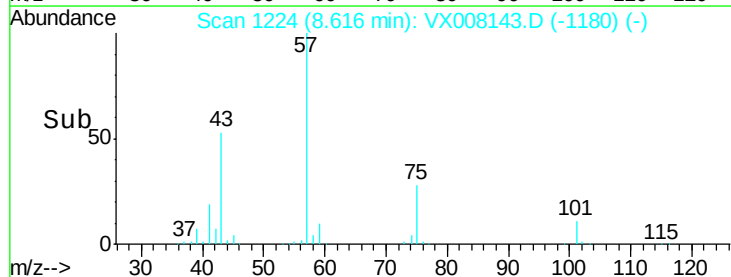
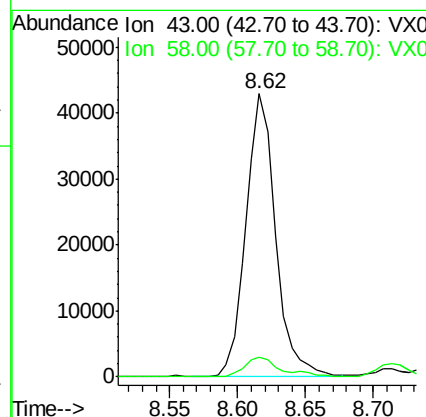
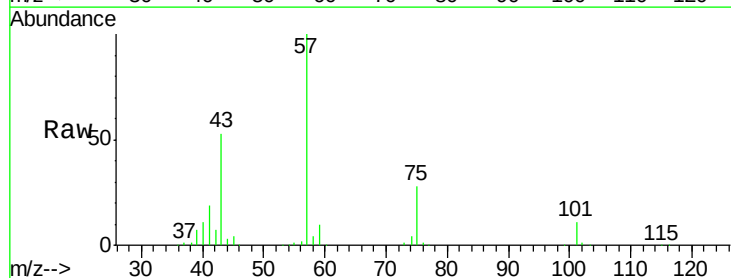
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031419

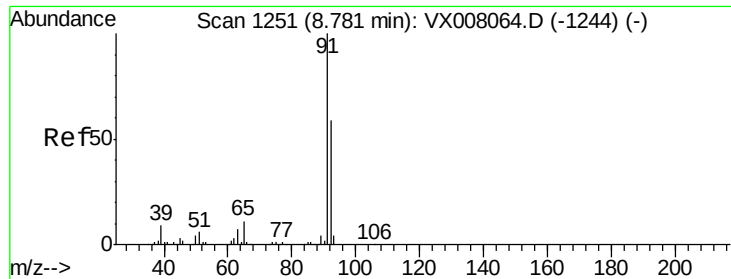
Tot Ion: 98 Resp: 467298
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 17.243 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

Tgt Ion: 43 Resp: 65182
Ion Ratio Lower Upper
43 100
58 8.7 31.3 46.9#





#52

Toluene

Concen: 0.227 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

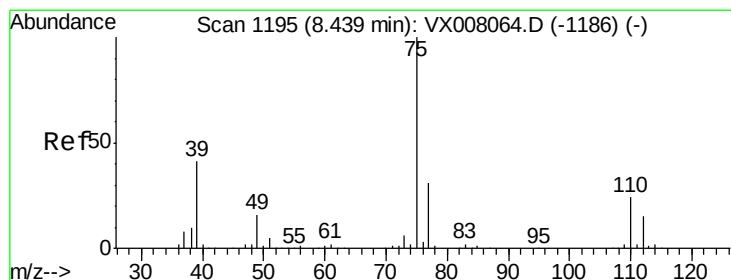
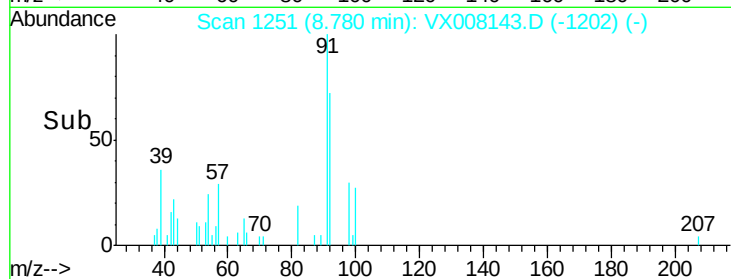
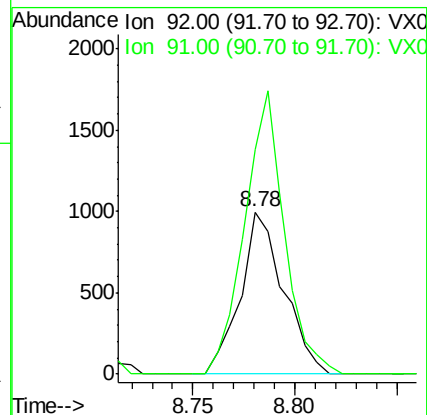
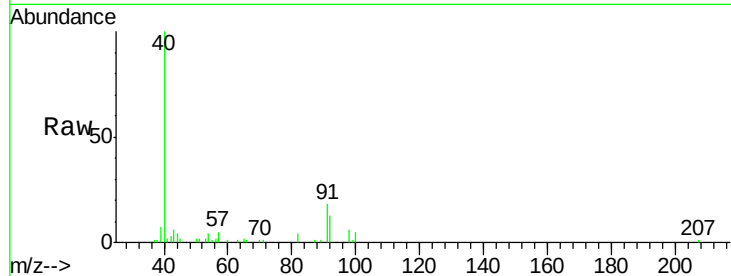
TR-04-031419

Tot Ion: 92 Resp: 1467

Ion Ratio Lower Upper

92 100

91 160.8 137.4 206.0



#54

cis-1,3-Dichloropropene

Concen: 8.945 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

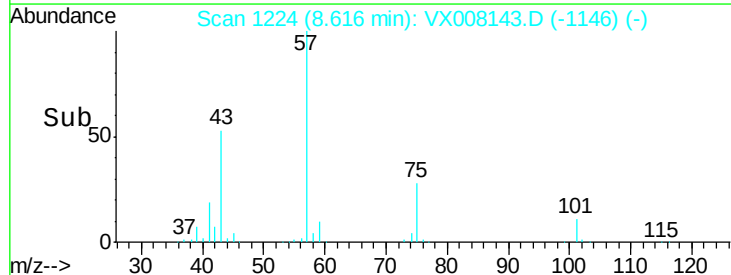
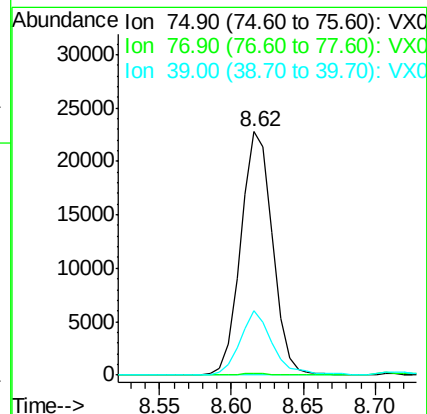
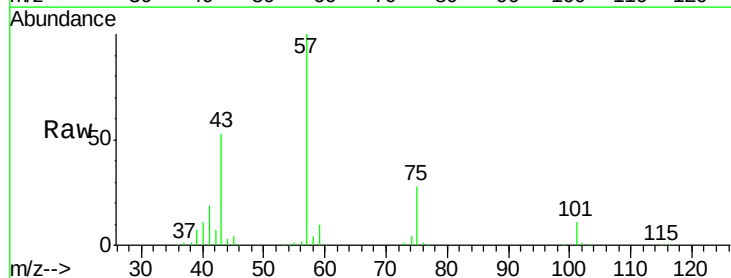
Tgt Ion: 75 Resp: 34792

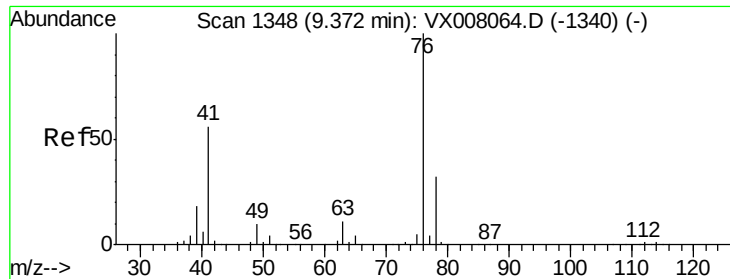
Ion Ratio Lower Upper

75 100

77 0.7 25.0 37.6#

39 26.2 36.6 54.8#

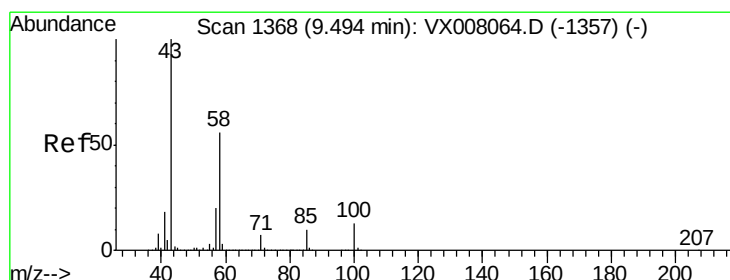
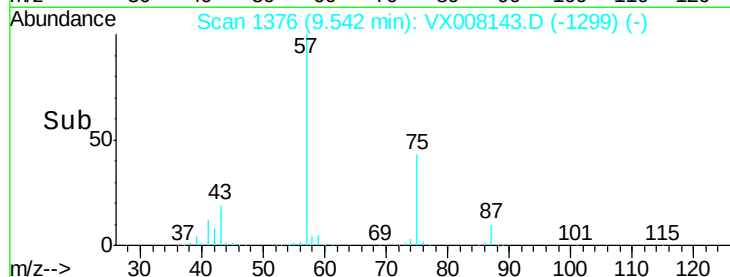
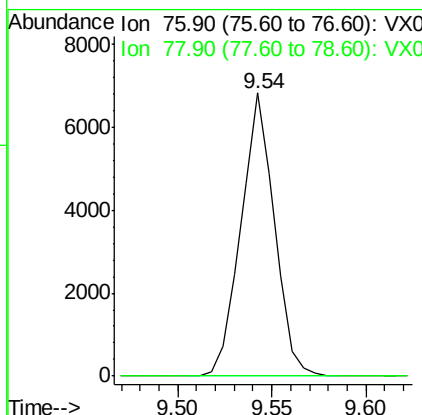
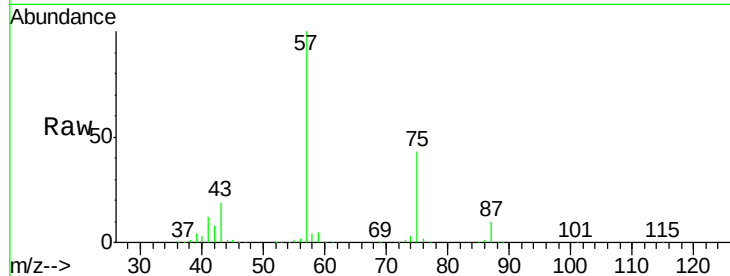




#57
 1,3-Dichloropropane
 Concen: 1.927 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

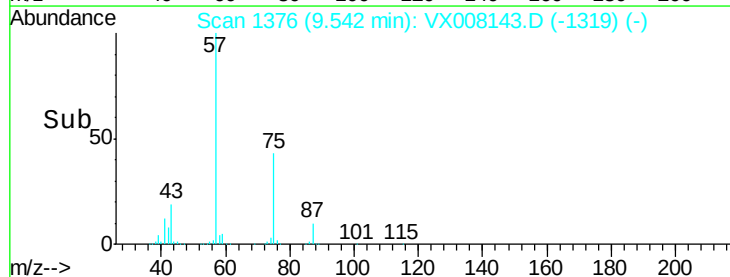
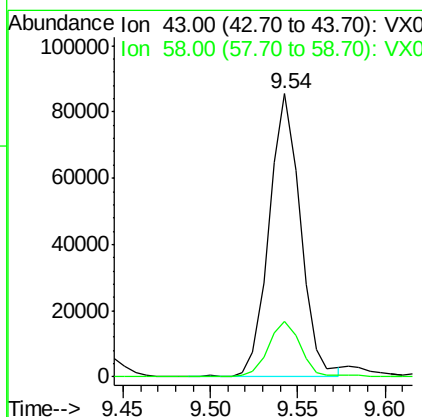
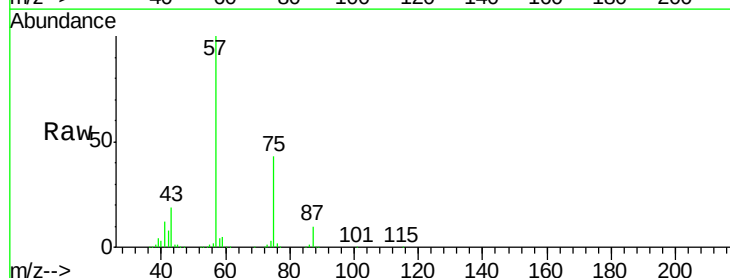
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031419

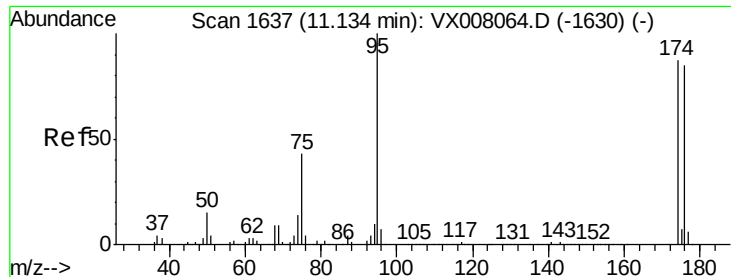
Tot Ion: 76 Resp: 8379
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 35.801 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

Tgt Ion: 43 Resp: 105841
 Ion Ratio Lower Upper
 43 100
 58 20.3 27.6 82.7#

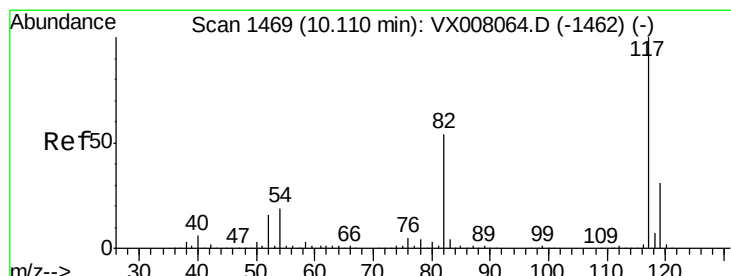
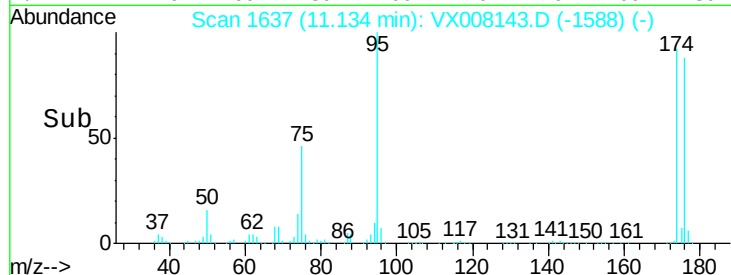
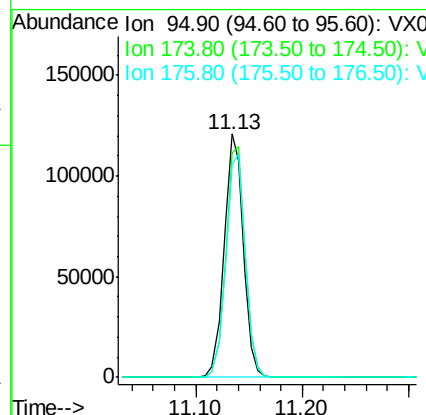
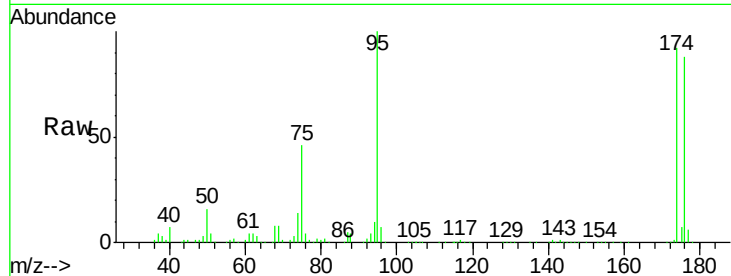




#62
4-Bromofluorobenzene
Concen: 43.284 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

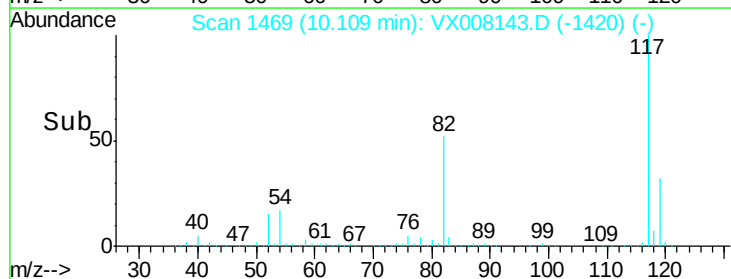
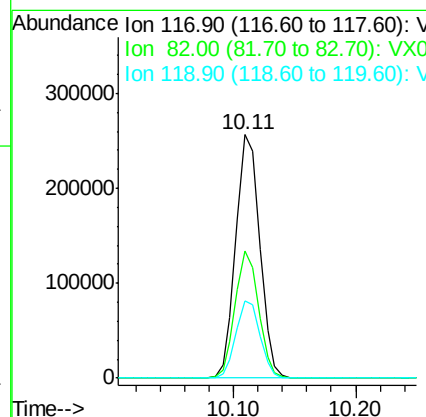
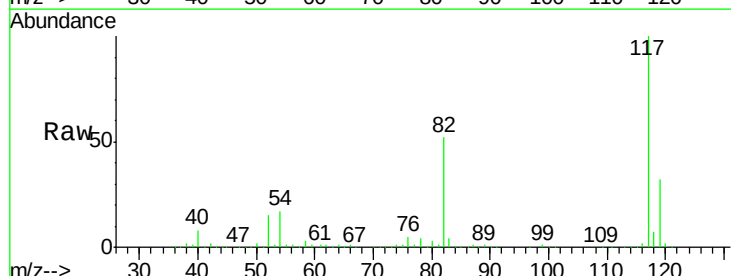
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031419

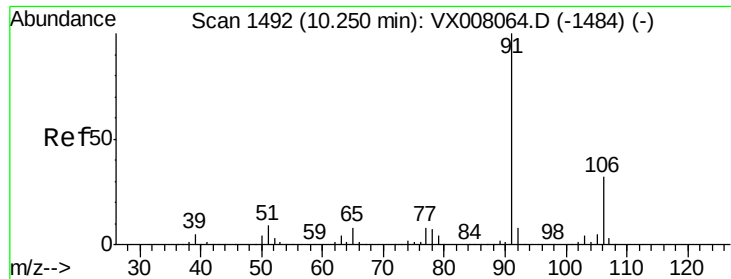
Tot Ion: 95 Resp: 150640
Ion Ratio Lower Upper
95 100
174 97.0 0.0 182.8
176 93.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

Tgt Ion: 117 Resp: 346795
Ion Ratio Lower Upper
117 100
82 52.2 44.3 66.5
119 31.7 25.3 37.9





#67

Ethyl Benzene

Concen: 0.282 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

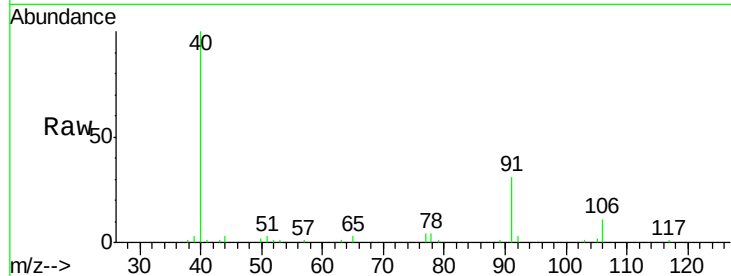
TR-04-031419

Tot Ion: 91 Resp: 3214

Ion Ratio Lower Upper

91 100

106 36.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX008064.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX008064.D (-1484) (-)

10.25

2500

2000

1500

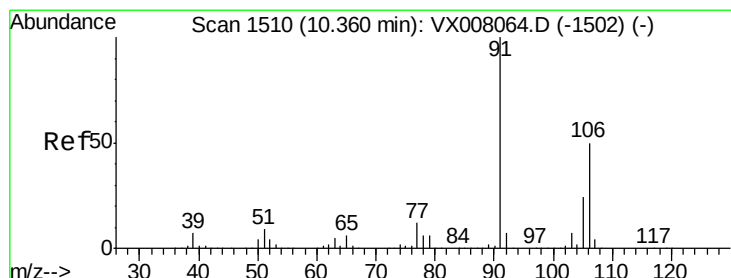
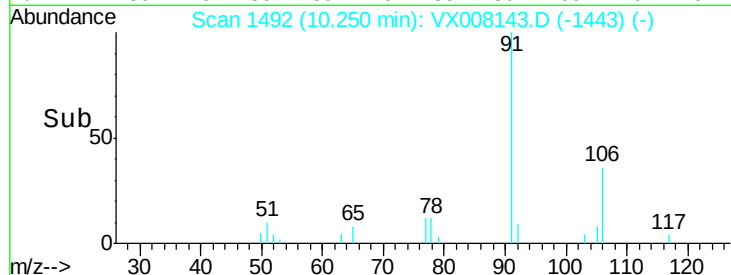
1000

500

0

Time-->

10.20 10.25 10.30



#68

m/p-Xylenes

Concen: 0.586 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008143.D

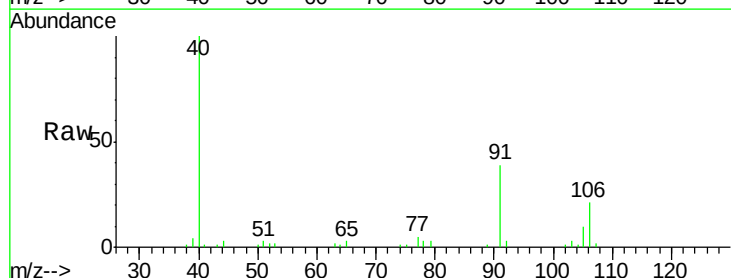
Acq: 16 Mar 2019 16:14

Tgt Ion: 106 Resp: 2554

Ion Ratio Lower Upper

106 100

91 192.5 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX008064.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX008064.D (-1502) (-)

10.36

4000

3000

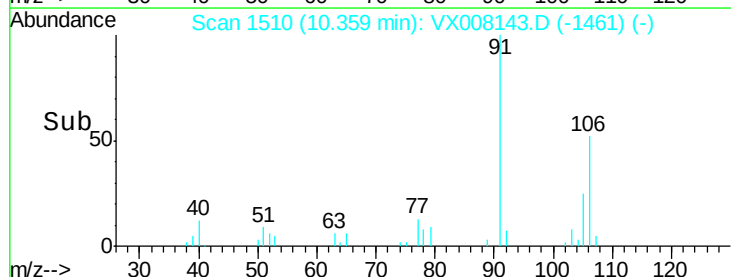
2000

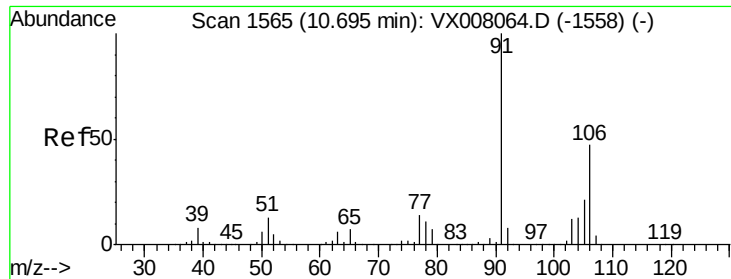
1000

0

Time-->

10.30 10.35 10.40

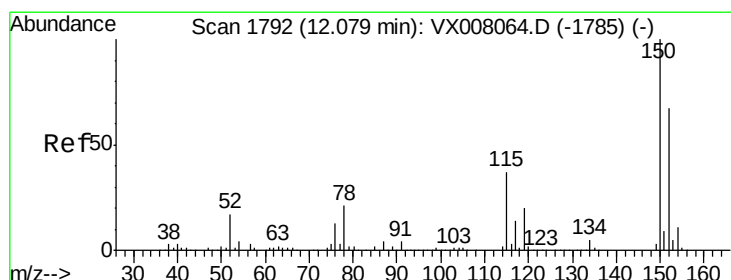
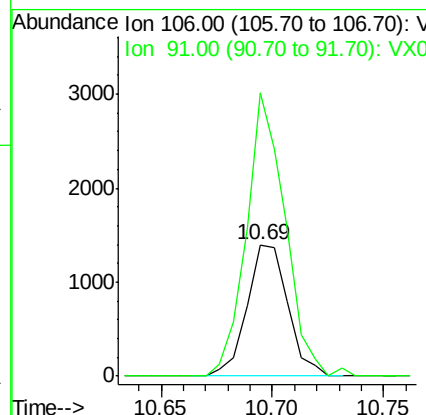
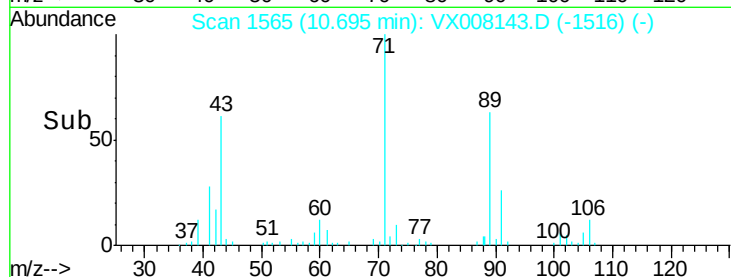
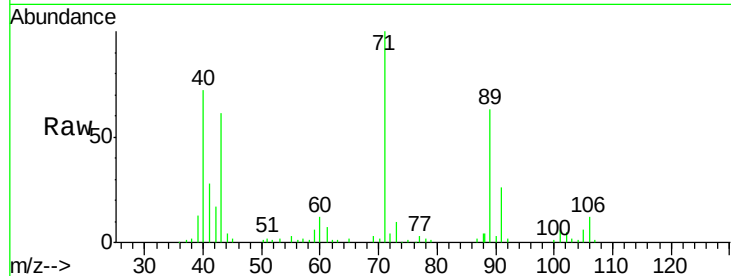




#69
o-Xylene
Concen: 0.421 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

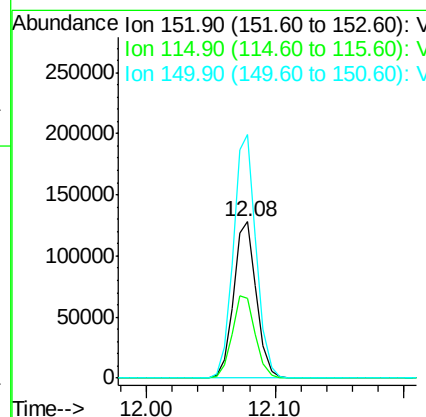
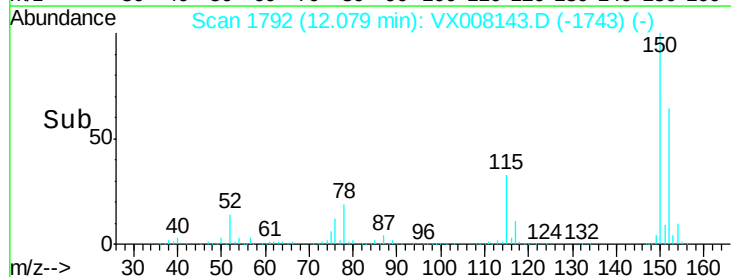
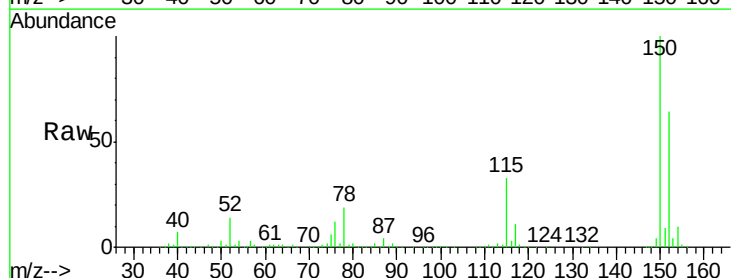
Instrument :
MSVOA_X
ClientSampleId :
TR-04-031419

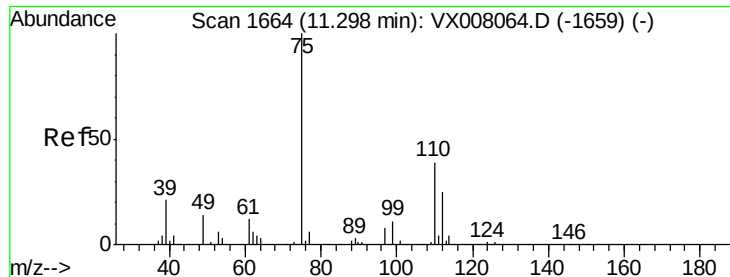
Tot Ion:106 Resp: 1787
Ion Ratio Lower Upper
106 100
91 204.7 106.3 318.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008143.D
Acq: 16 Mar 2019 16:14

Tgt Ion:152 Resp: 158181
Ion Ratio Lower Upper
152 100
115 53.7 38.6 115.7
150 156.6 0.0 348.4

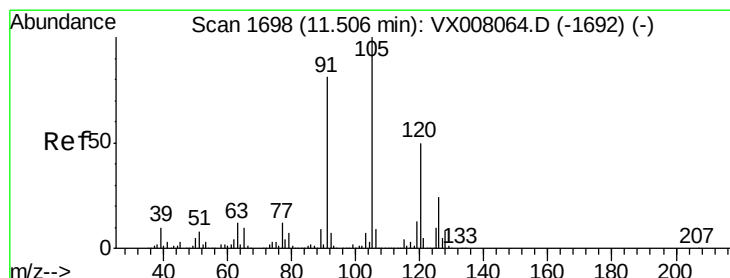
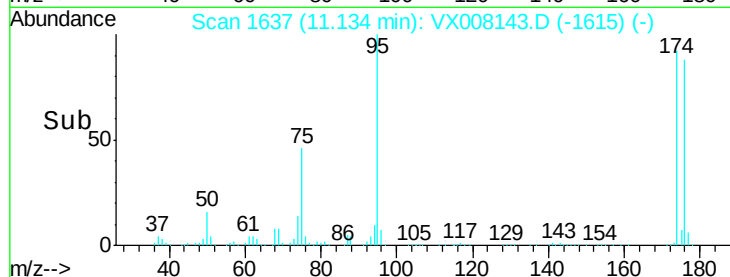
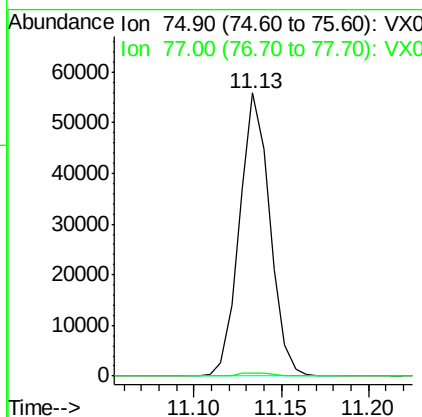
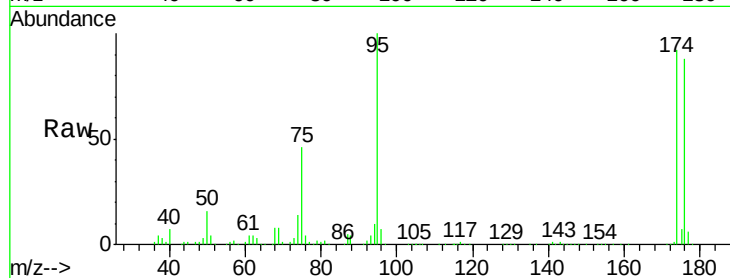




#76
 1,2,3-Trichloropropane
 Concen: 24.530 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

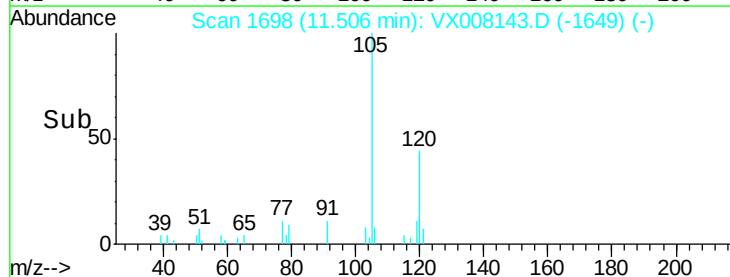
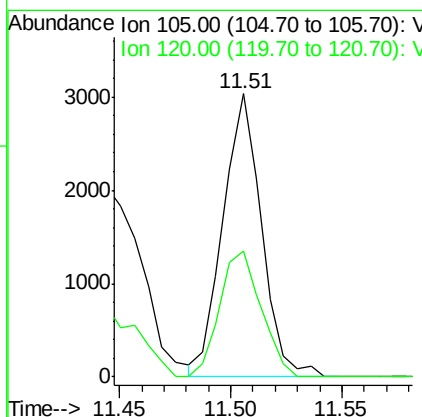
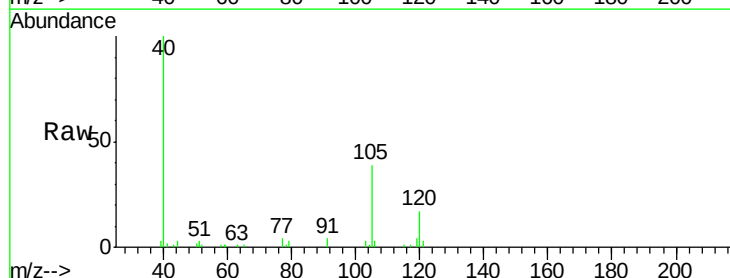
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-031419

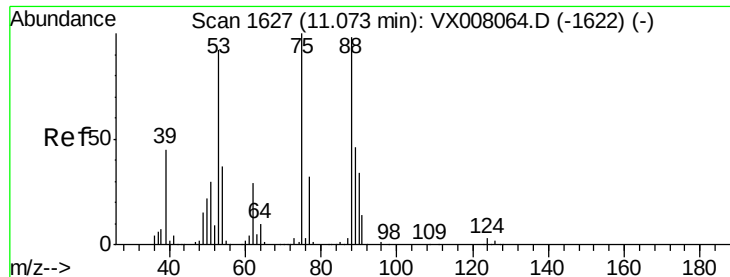
Tot Ion: 75 Resp: 67388
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.439 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008143.D
 Acq: 16 Mar 2019 16:14

Tgt Ion: 105 Resp: 3662
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 69.804 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

TR-04-031419

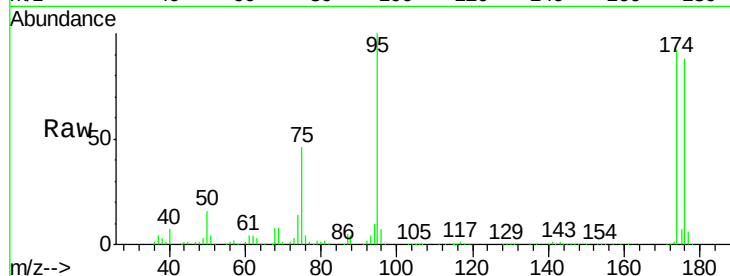
Tot Ion: 75 Resp: 67388

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

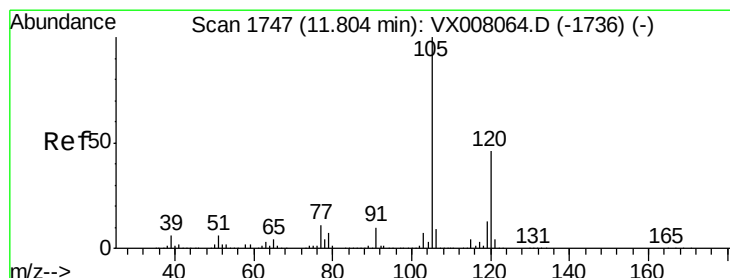
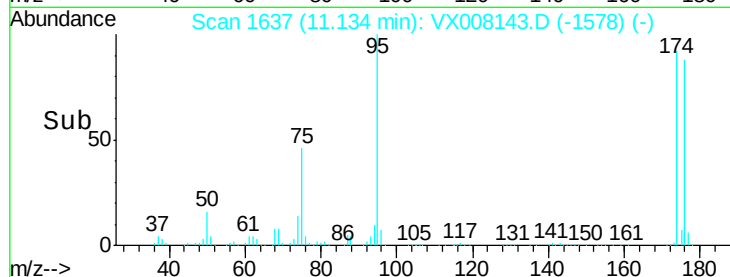
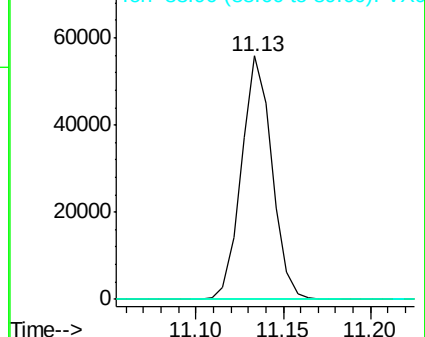
89 0.0 36.3 54.5#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.157 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008143.D

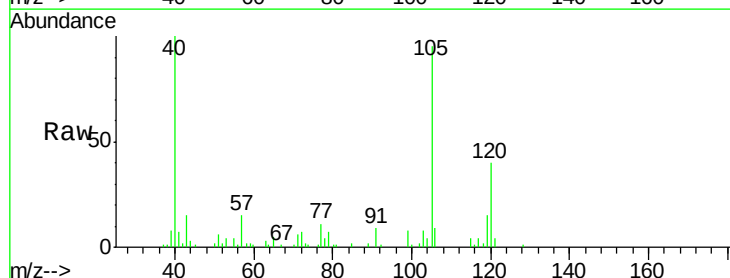
Acq: 16 Mar 2019 16:14

Tgt Ion: 105 Resp: 9962

Ion Ratio Lower Upper

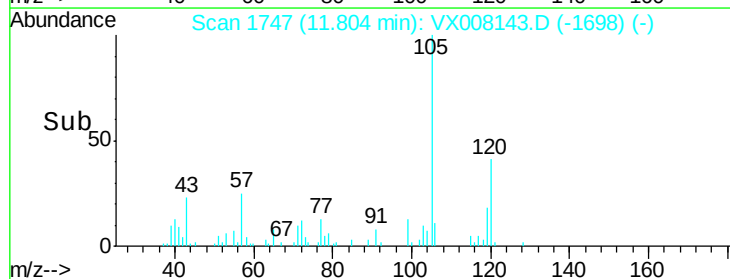
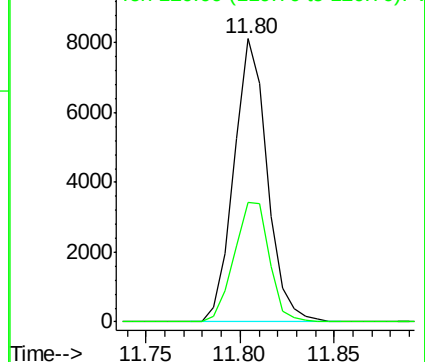
105 100

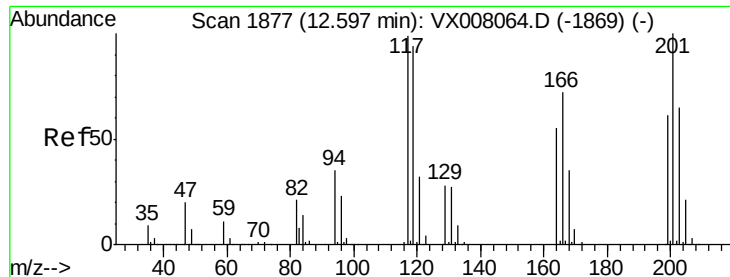
120 44.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.344 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

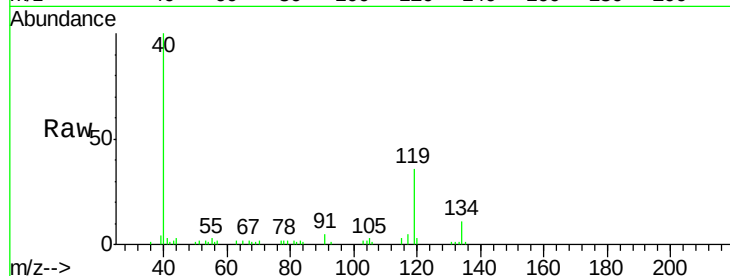
TR-04-031419

Tot Ion:117 Resp: 496

Ion Ratio Lower Upper

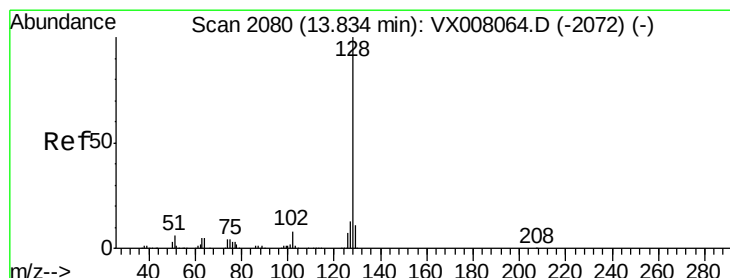
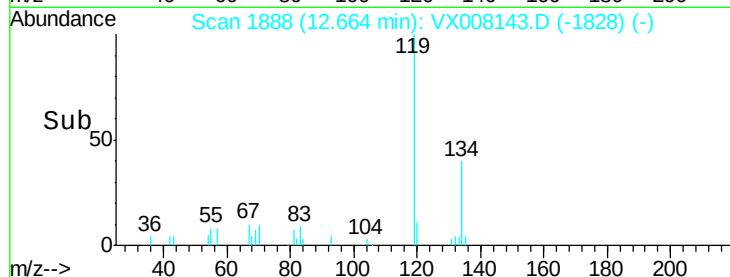
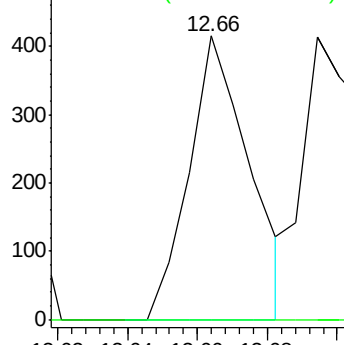
117 100

201 0.0 48.9 146.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 18.991 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008143.D

Acq: 16 Mar 2019 16:14

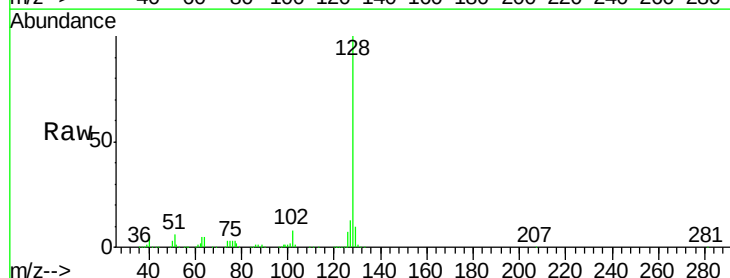
Tgt Ion:128 Resp: 184706

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

