

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004437.D
 Acq On : 08 Sep 2018 05:25
 Operator : JC/MD
 Sample : J4775-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

Quant Time: Sep 08 06:03:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	273113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209236	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
35) Dibromofluoromethane	5.50	113	187230	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.72	98	708069	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	250941	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	676	0.47	ug/l	# 80
5) Bromomethane	1.65	94	525	Below	Cal	# 32
6) Chloroethane	1.75	64	3015	1.94	ug/l	# 48
10) Methyl Iodide	2.52	142	22	4.27	ug/l	# 41
11) Tert butyl alcohol	3.07	59	587	0.72	ug/l	95
13) Acrolein	2.29	56	185	0.94	ug/l	# 16
16) Acetone	2.45	43	27366	9.78	ug/l	99
17) Carbon Disulfide	2.56	76	632	0.87	ug/l	# 76
18) Methyl Acetate	2.78	43	11931	2.10	ug/l	98
20) Methylene Chloride	2.85	84	180407	49.02	ug/l	99
25) 2-Butanone	4.71	43	3586	Below	Cal	98
29) Tetrahydrofuran	5.17	42	1664	1.01	ug/l	# 87
30) Chloroform	5.21	83	6726	1.08	ug/l	88
36) 1,1-Dichloropropene	5.66	75	18938	3.46	ug/l	# 50
37) Ethyl Acetate	4.71	43	3586	0.67	ug/l	# 67
38) Carbon Tetrachloride	5.66	117	25326	4.91	ug/l	# 17
43) Isopropyl Acetate	6.46	43	211506	25.55	ug/l	99
47) Bromodichloromethane	7.90	83	1170	0.23	ug/l	# 93
48) Methyl methacrylate	7.69	41	8836	1.99	ug/l	# 20
51) 4-Methyl-2-Pentanone	8.62	43	3488	0.58	ug/l	# 34
52) Toluene	8.79	92	6344	0.62	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	1603	0.26	ug/l	# 64
59) 2-Hexanone	9.55	43	13453	2.93	ug/l	# 58
67) Ethyl Benzene	10.25	91	12031	0.65	ug/l	96
68) m/p-Xylenes	10.36	106	11215	1.55	ug/l	98
69) o-Xylene	10.70	106	4725	0.69	ug/l	99
70) Styrene	10.71	104	5240	0.47	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	118272	21.29	ug/l	# 37
78) n-propylbenzene	11.36	91	5205	0.25	ug/l	97
79) 2-Chlorotoluene	11.43	91	3510	0.28	ug/l	# 52
80) 1,3,5-Trimethylbenzene	11.51	105	9872	0.66	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	118272	69.09	ug/l	# 10
84) 1,2,4-Trimethylbenzene	11.81	105	34969	2.29	ug/l	98
89) n-Butylbenzene	12.39	91	3857	0.30	ug/l	# 40

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ClientSampleId :
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Quant Time: Sep 08 06:03:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

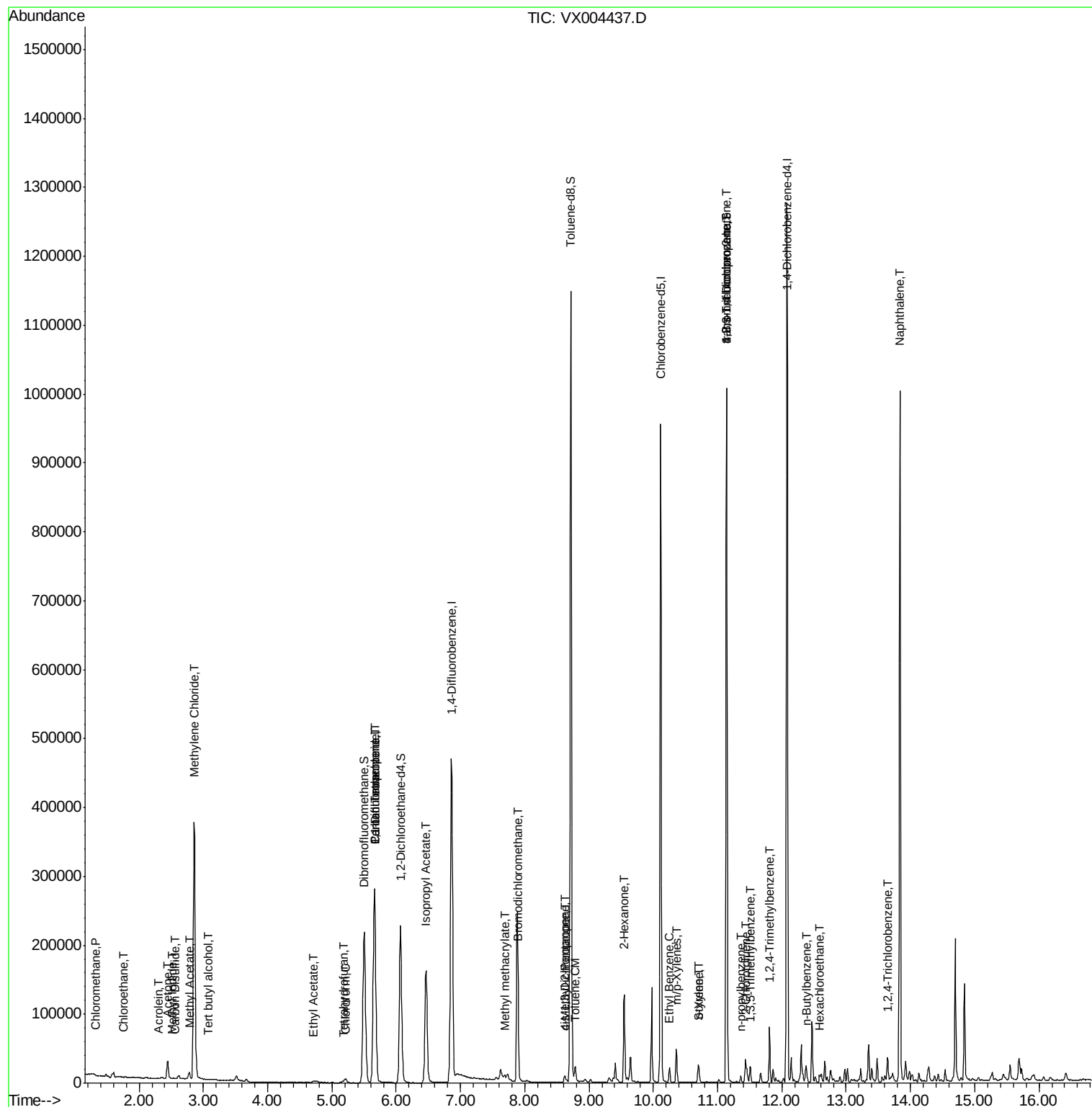
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	515	0.23	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.65	180	5645	0.90	ug/l	95
94) Hexachlorobutadiene	13.79	225	76	Below Cal	#	39
95) Naphthalene	13.83	128	621671	34.89	ug/l	100

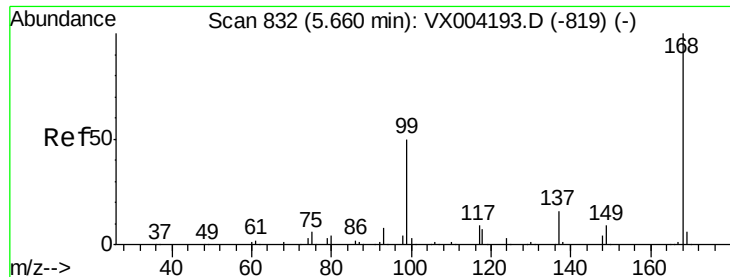
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

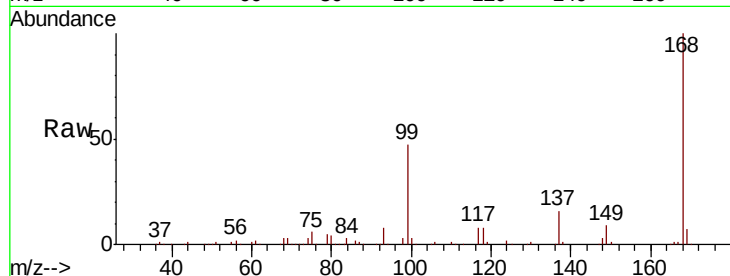
OR-02-090618-A

Tot Ion:168 Resp: 293337

Ion Ratio Lower Upper

168 100

99 47.1 39.9 59.9



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

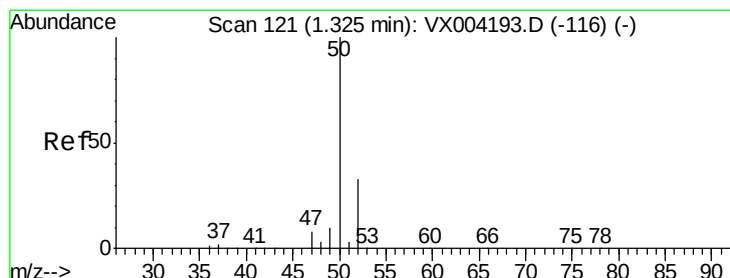
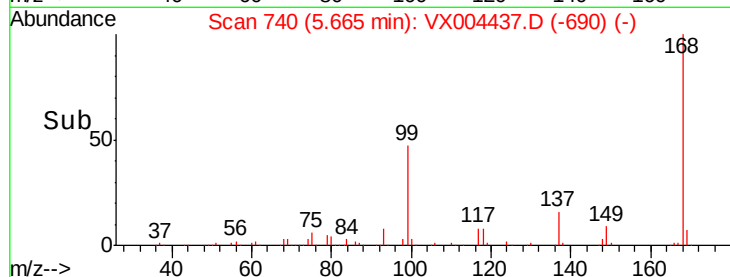
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.47 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004437.D

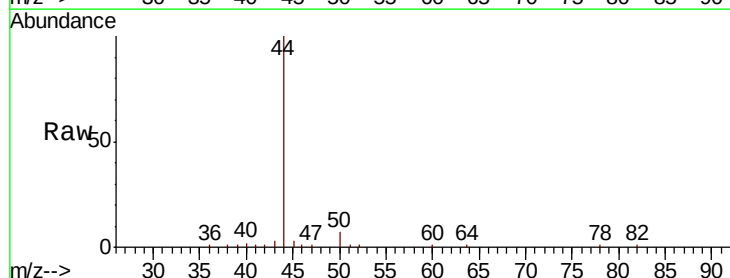
Acq: 08 Sep 2018 05:25

Tgt Ion: 50 Resp: 676

Ion Ratio Lower Upper

50 100

52 21.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

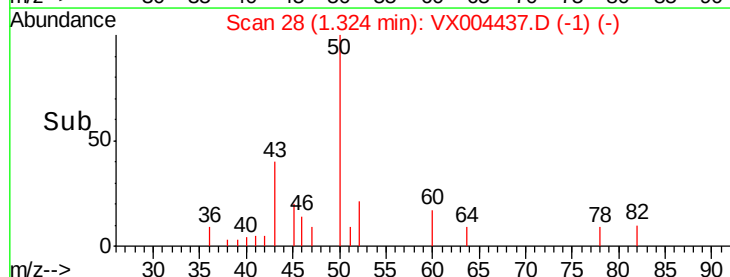
400

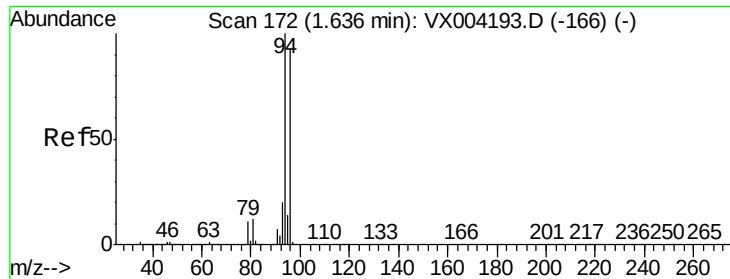
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampled :

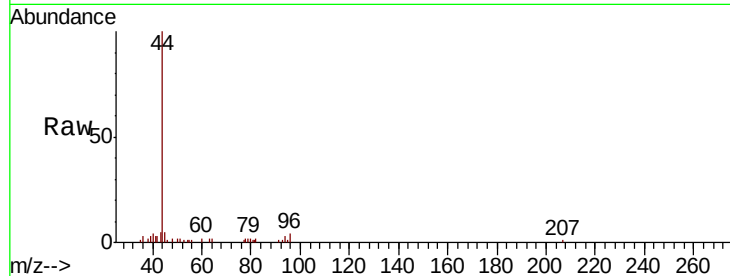
OR-02-090618-A

Tot Ion: 94 Resp: 525

Ion Ratio Lower Upper

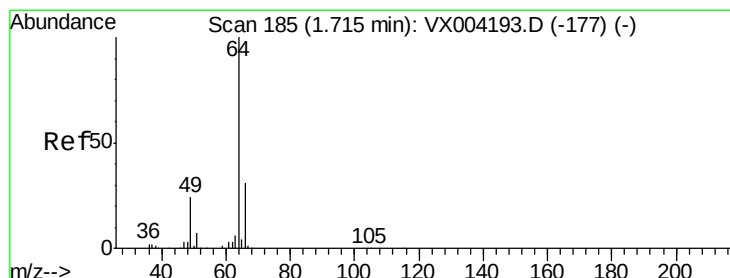
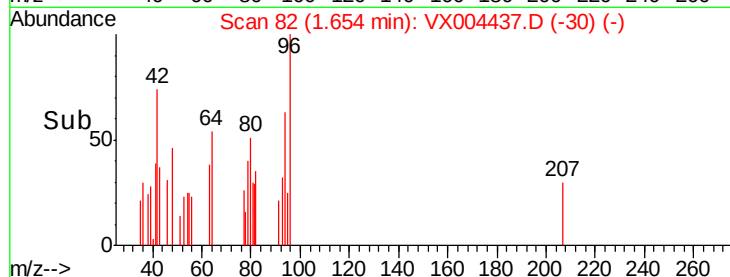
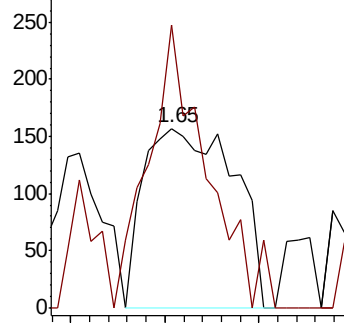
94 100

96 158.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.94 ug/l

RT: 1.75 min Scan# 98

Delta R.T. 0.04 min

Lab File: VX004437.D

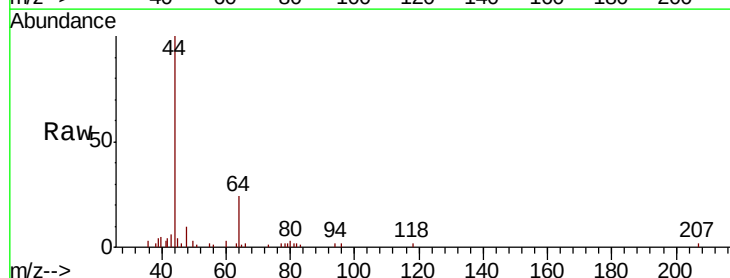
Acq: 08 Sep 2018 05:25

Tgt Ion: 64 Resp: 3015

Ion Ratio Lower Upper

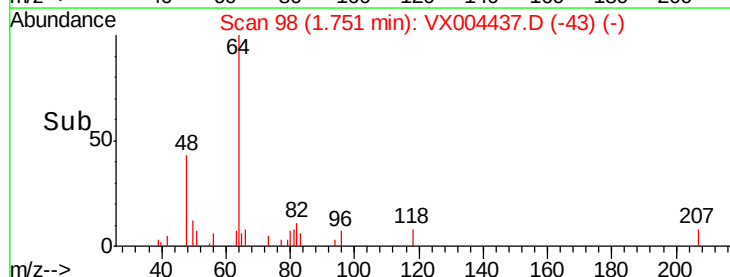
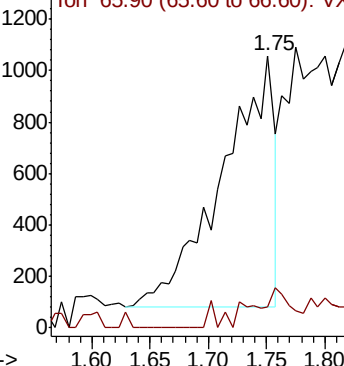
64 100

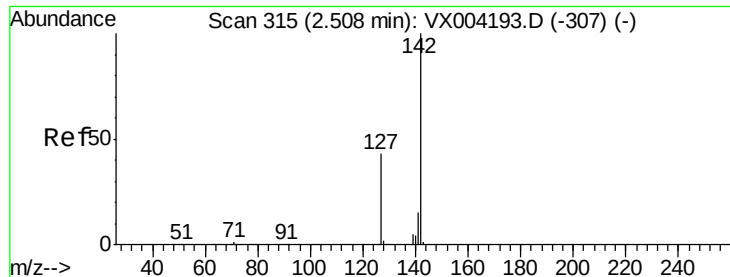
66 2.4 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

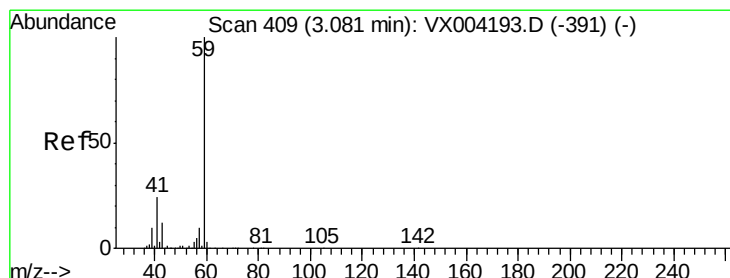
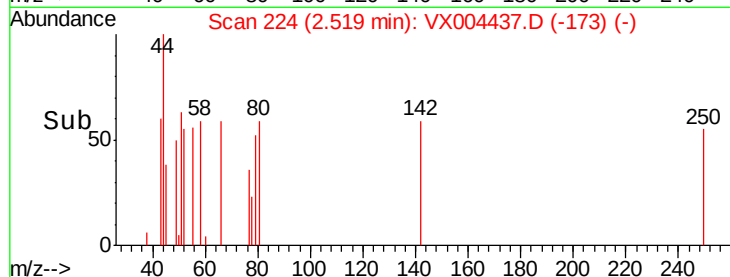
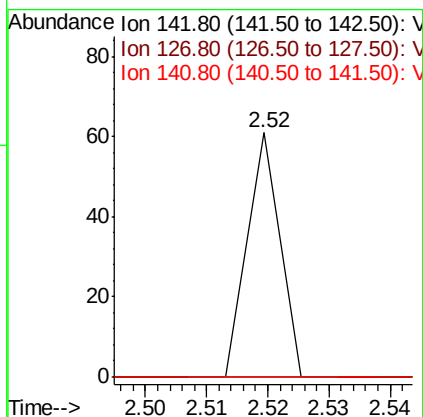
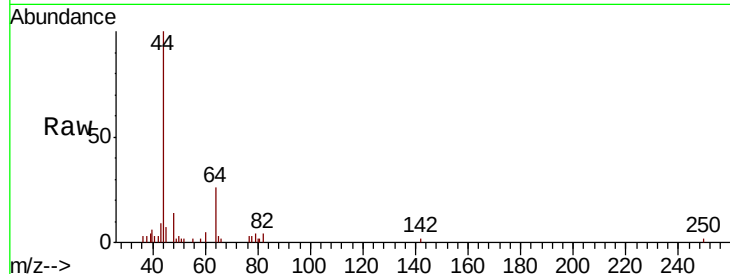




#10
Methvl Iodide
Concen: 4.27 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

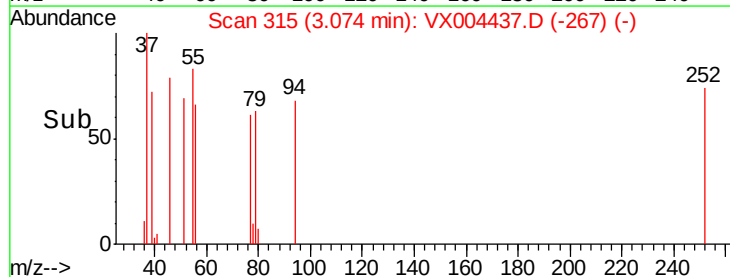
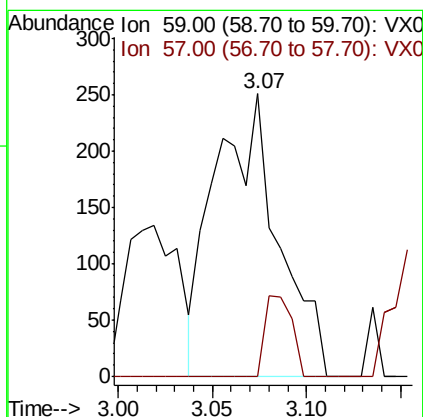
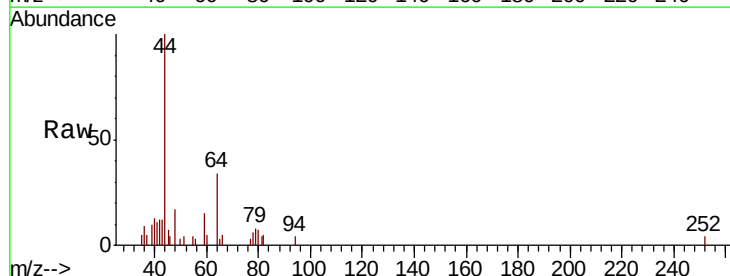
Instrument :
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ClientSampleId :
OR-02-090618-A

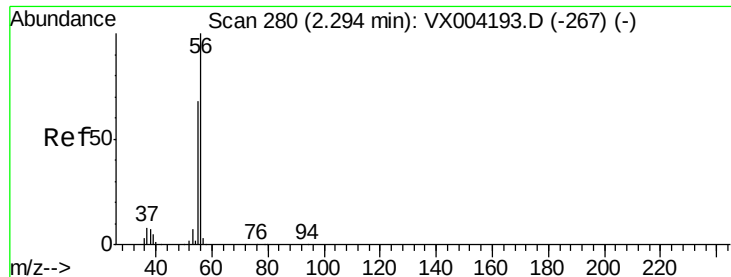
Tot Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 33.8 50.6#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.72 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 59 Resp: 587
Ion Ratio Lower Upper
59 100
57 12.1 8.2 12.4

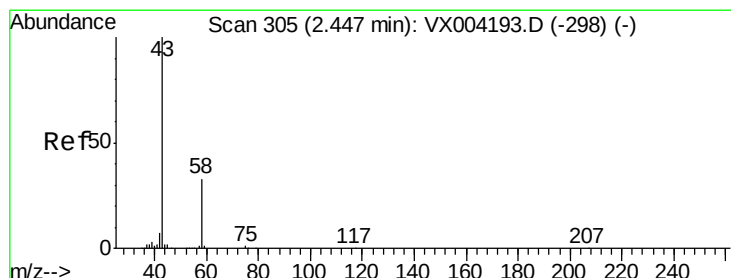
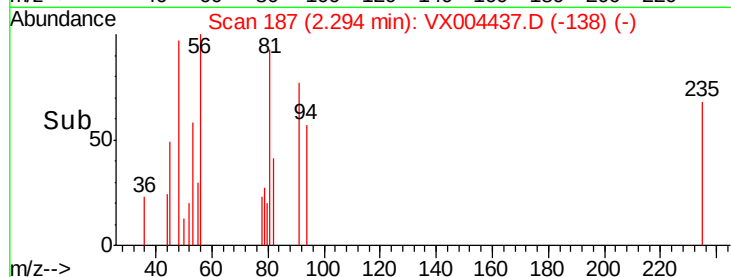
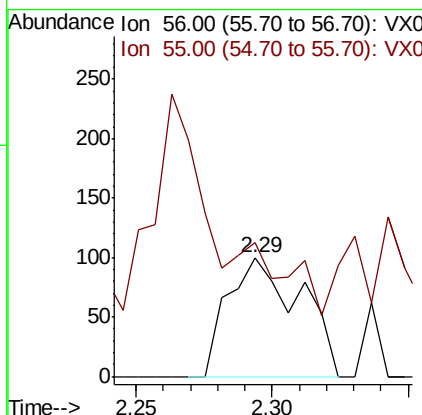
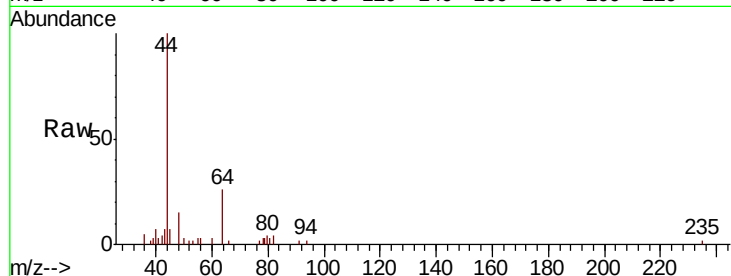




#13
Acrolein
Concen: 0.94 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

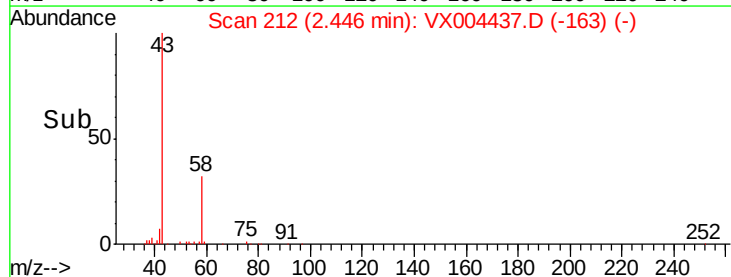
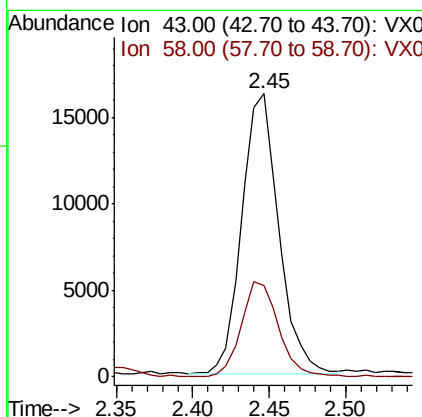
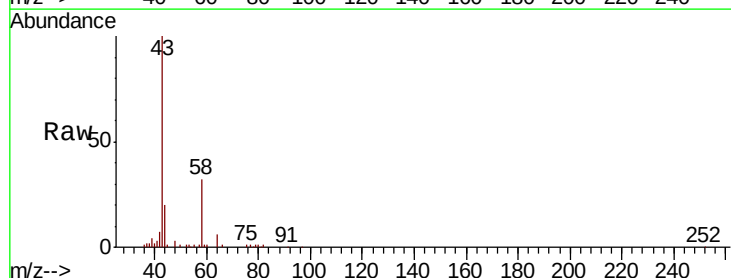
Instrument :
MSVOA_X
ClientSampleId :
OR-02-090618-A

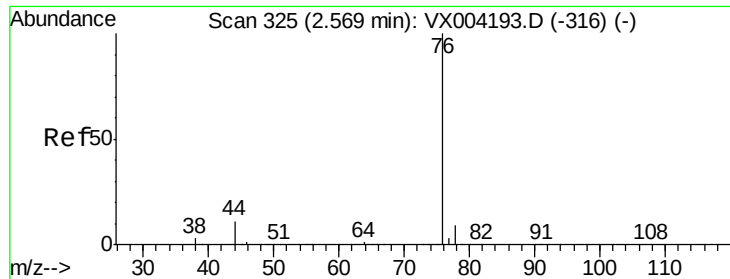
Tot Ion: 56 Resp: 185
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#



#16
Acetone
Concen: 9.78 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 43 Resp: 27366
Ion Ratio Lower Upper
43 100
58 32.4 26.2 39.4





#17

Carbon Disulfide

Concen: 0.87 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

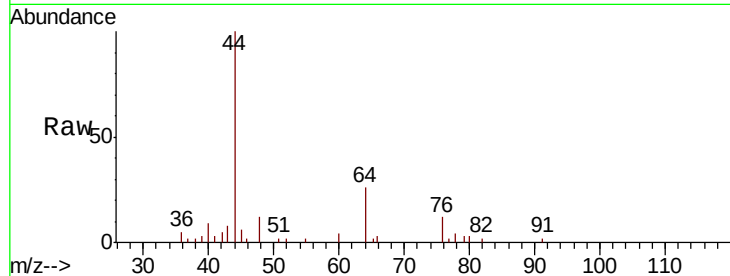
OR-02-090618-A

Tot Ion: 76 Resp: 632

Ion Ratio Lower Upper

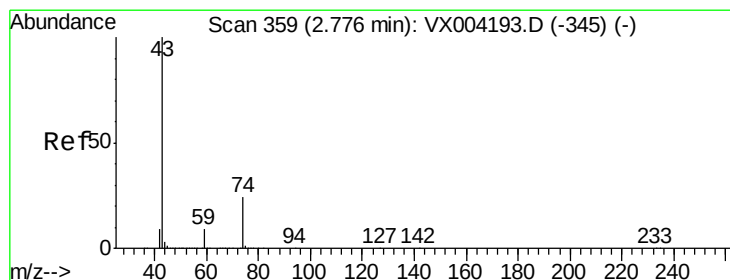
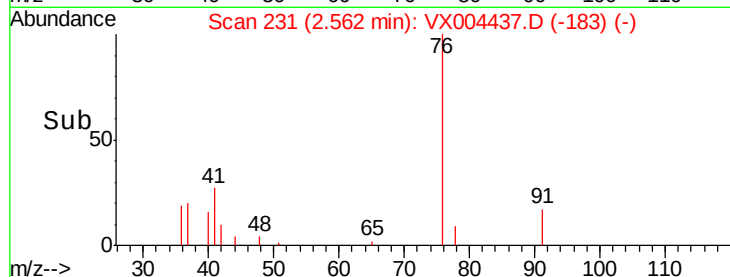
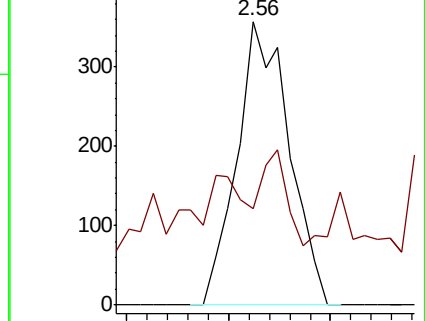
76 100

78 0.3 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.10 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004437.D

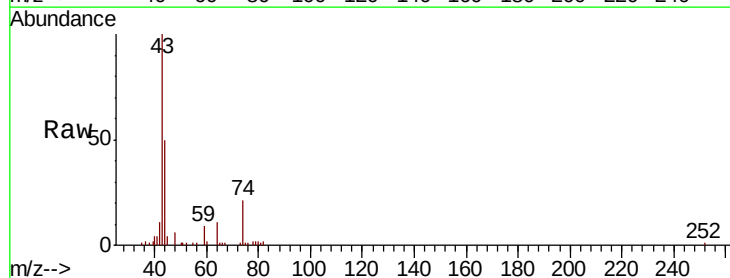
Acq: 08 Sep 2018 05:25

Tgt Ion: 43 Resp: 11931

Ion Ratio Lower Upper

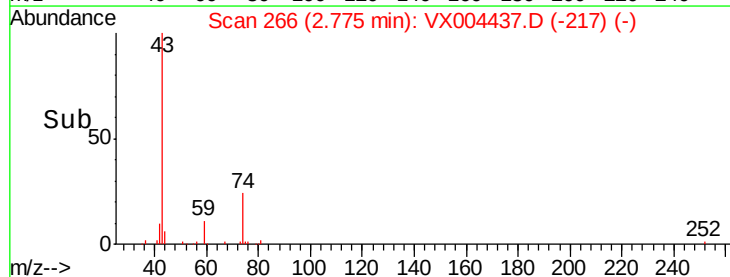
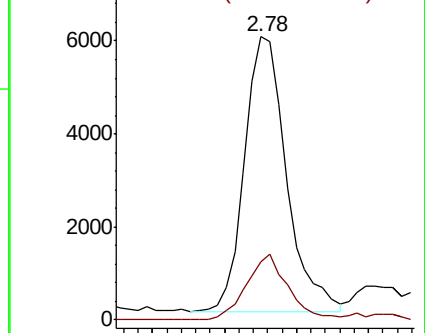
43 100

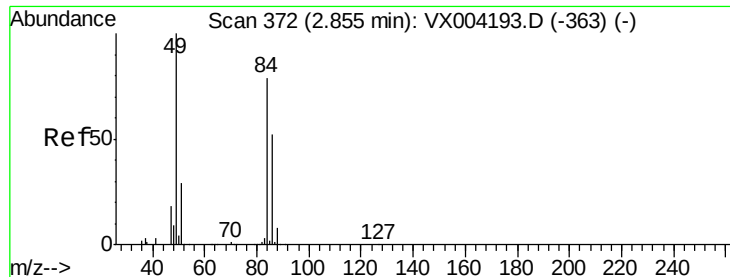
74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

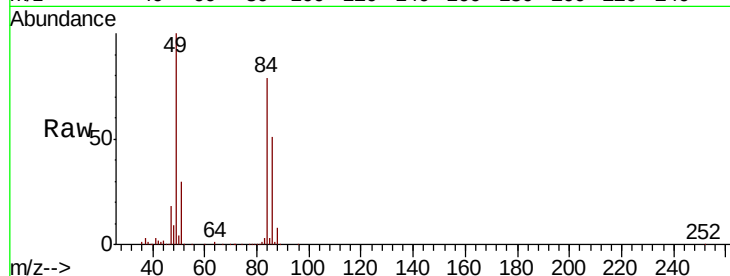




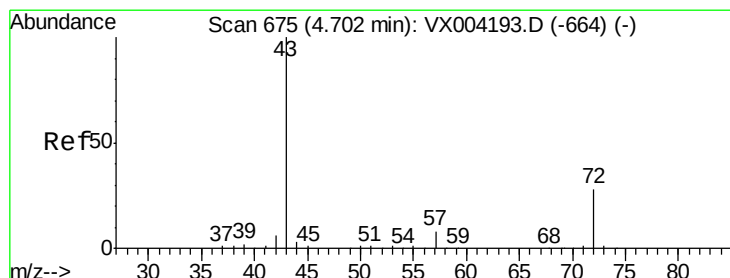
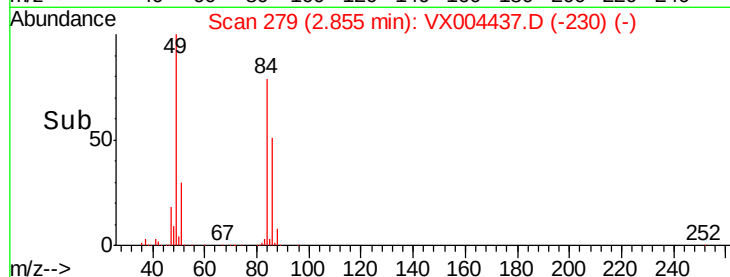
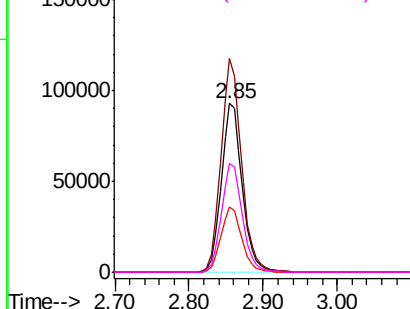
#20
Methylene Chloride
Concen: 49.02 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Instrument :
MSVOA_X
ClientSampled :
OR-02-090618-A

Tot Ion: 84 Resp: 180407
Ion Ratio Lower Upper
84 100
49 126.5 101.2 151.8
51 38.4 29.5 44.3
86 64.1 52.3 78.5

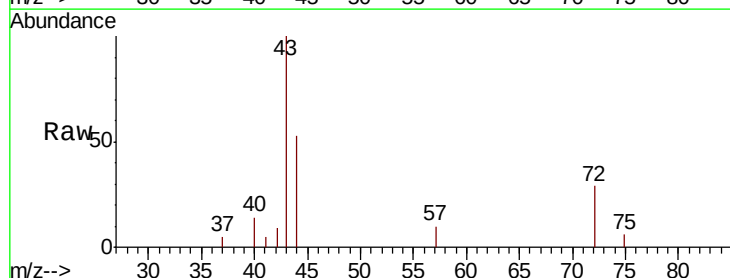


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

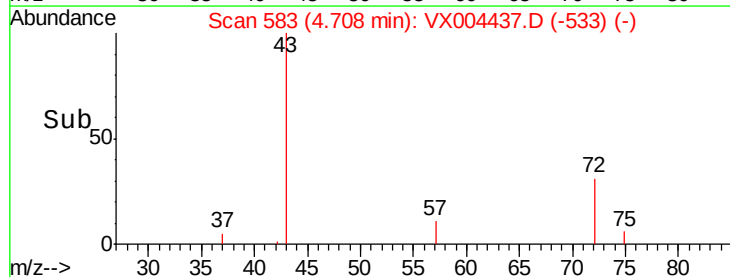
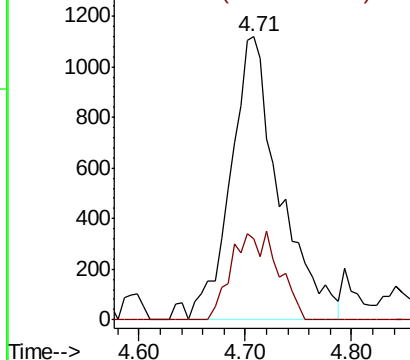


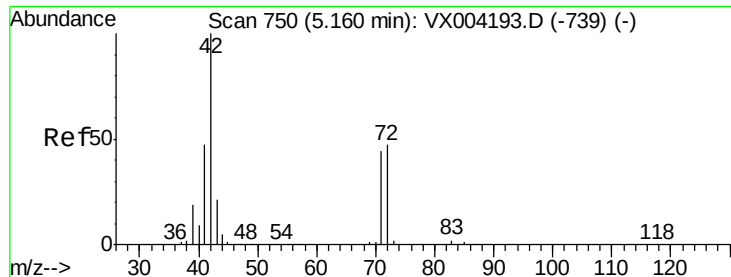
#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 43 Resp: 3586
Ion Ratio Lower Upper
43 100
72 28.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

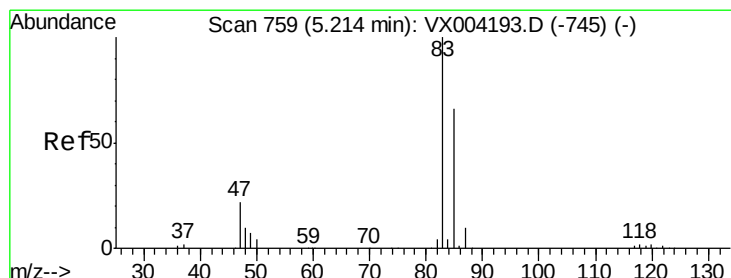
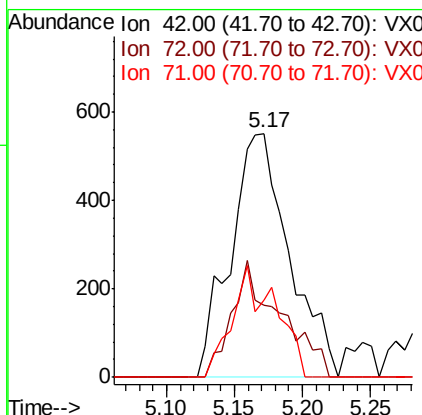
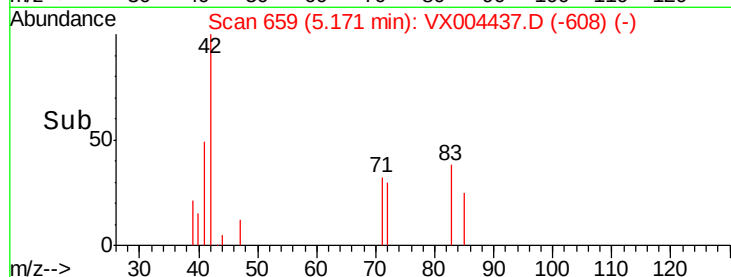
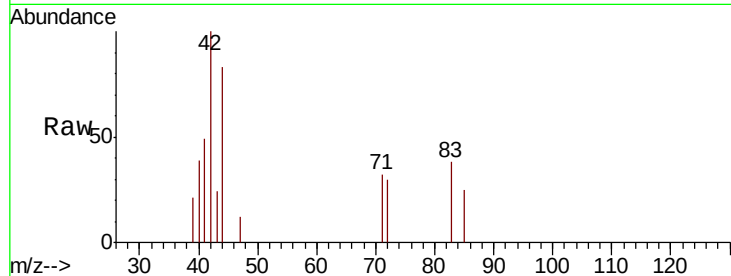




#29
Tetrahydrofuran
Concen: 1.01 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

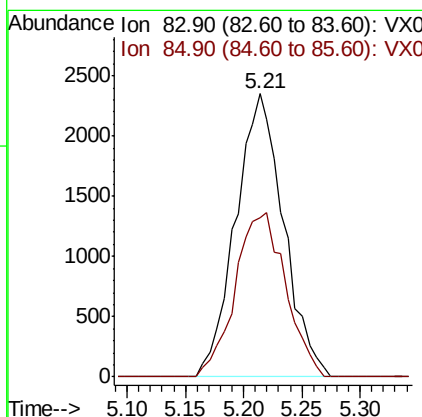
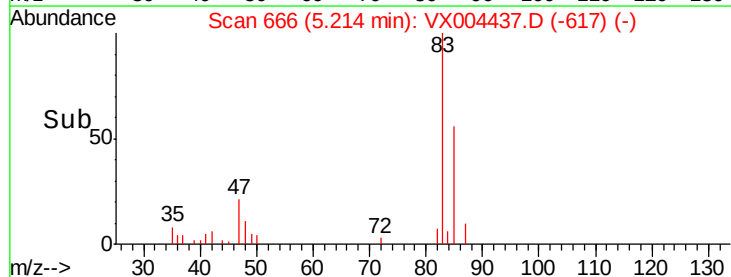
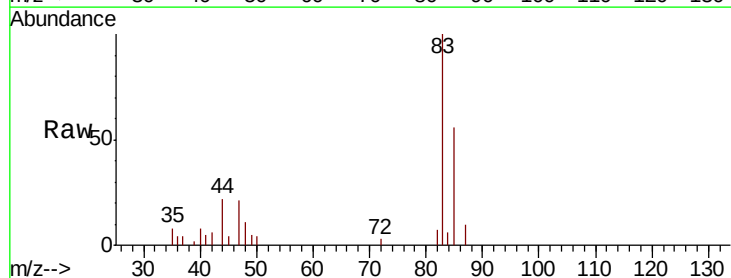
Instrument :
MSVOA_X
ClientSampled :
OR-02-090618-A

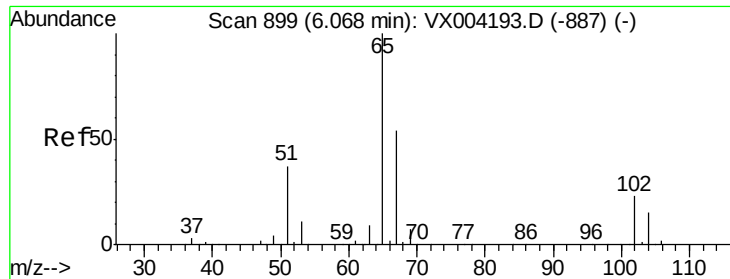
Tot Ion: 42 Resp: 1664
Ion Ratio Lower Upper
42 100
72 39.2 37.4 56.0
71 33.8 34.5 51.7#



#30
Chloroform
Concen: 1.08 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 83 Resp: 6726
Ion Ratio Lower Upper
83 100
85 56.1 52.6 79.0

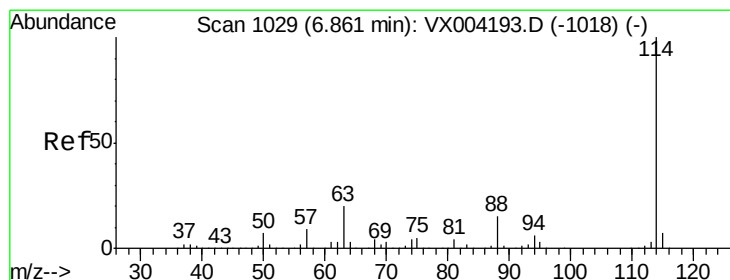
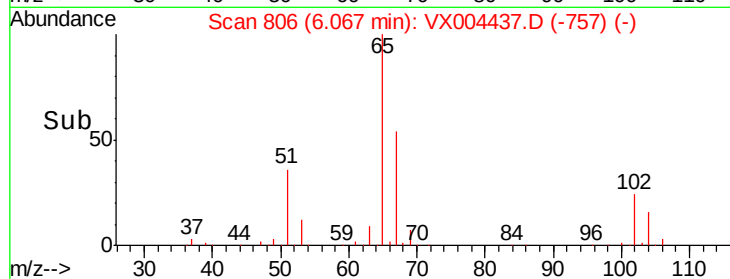
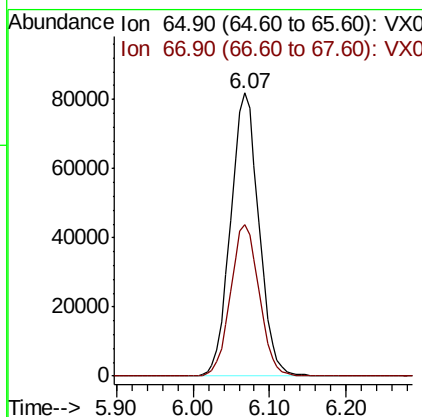
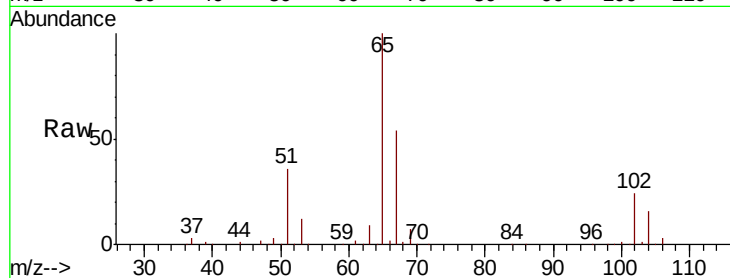




#33
 1,2-Dichloroethane-d4
 Concen: 54.73 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

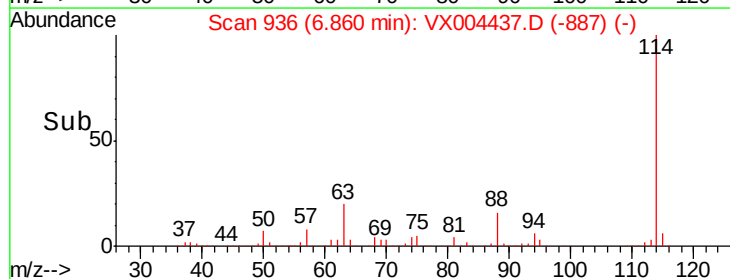
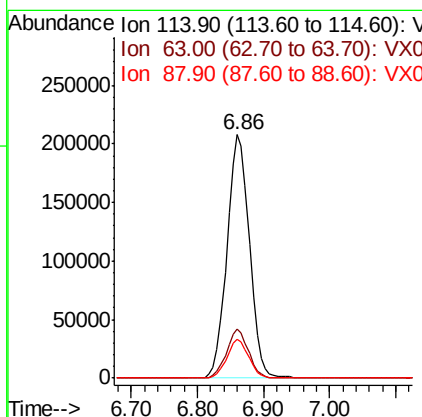
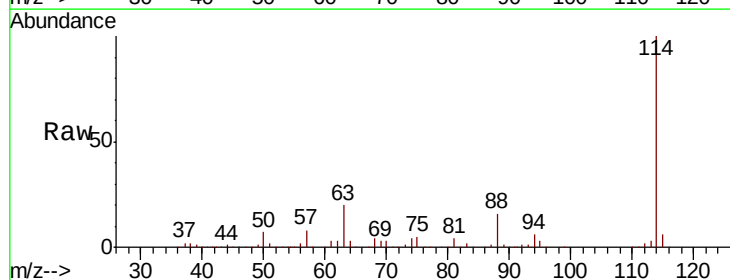
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

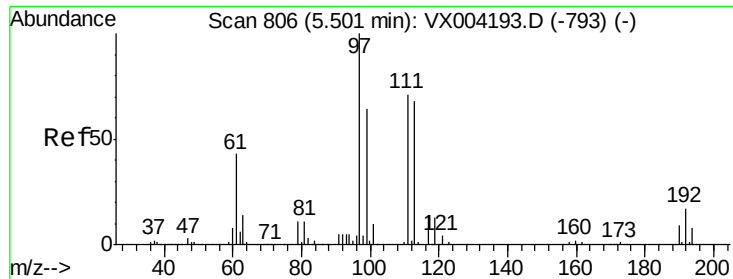
Tot Ion: 65 Resp: 209236
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion: 114 Resp: 487266
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 16.0 0.0 30.4

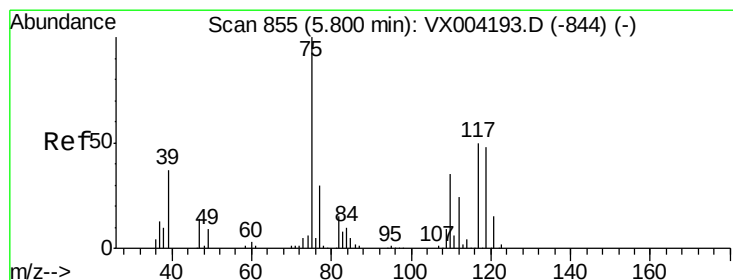
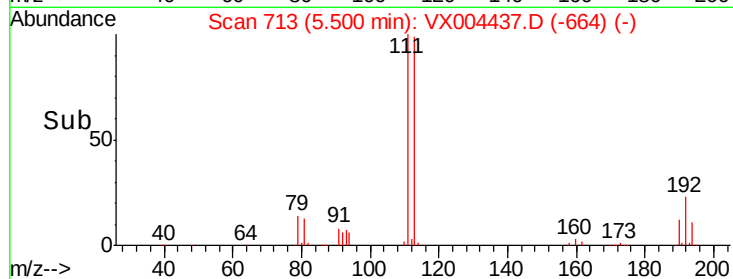
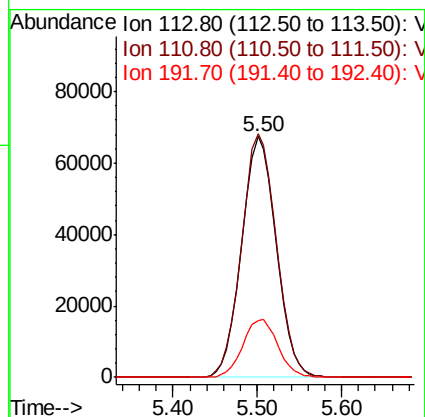
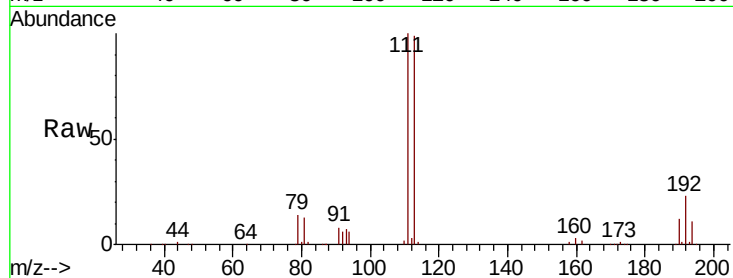




#35
 Dibromofluoromethane
 Concen: 51.65 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

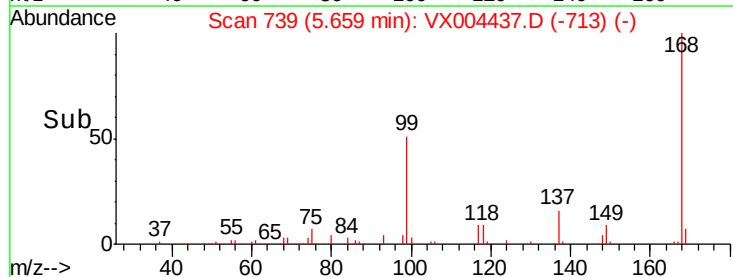
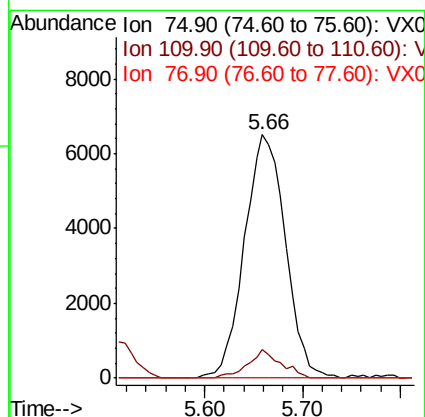
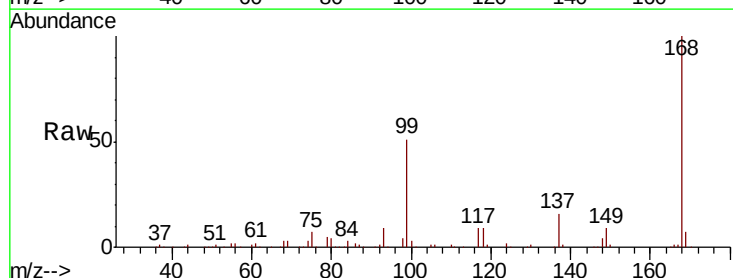
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

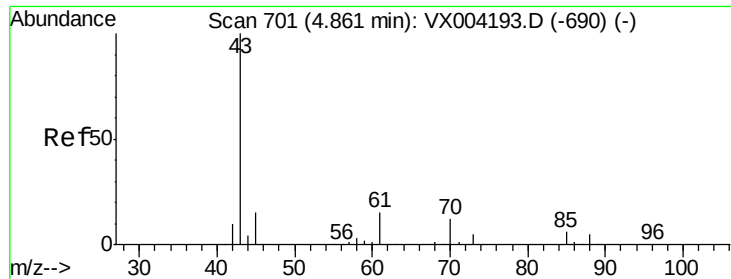
Tot Ion:113 Resp: 187230
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 24.3 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion: 75 Resp: 18938
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.0 54.0#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.67 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

OR-02-090618-A

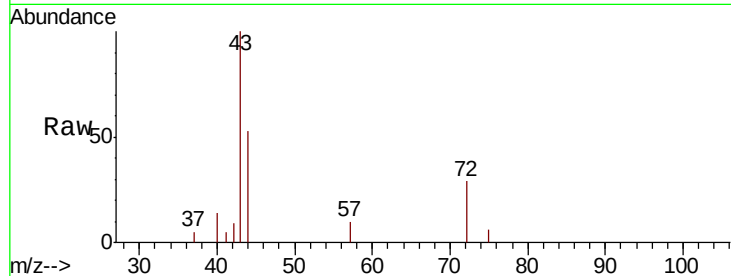
Tot Ion: 43 Resp: 3586

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

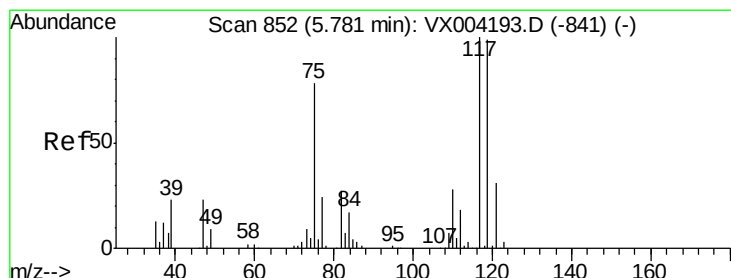
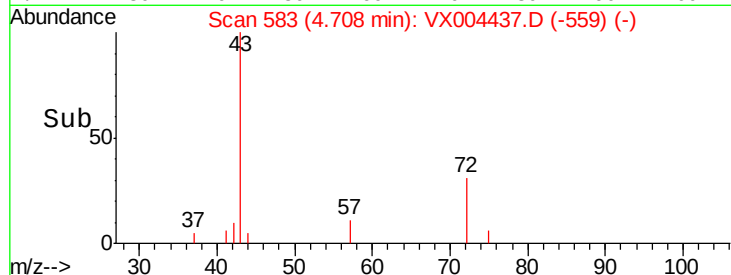
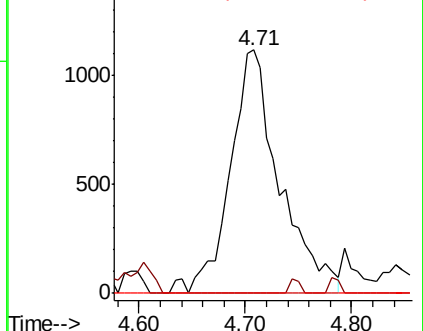
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.91 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

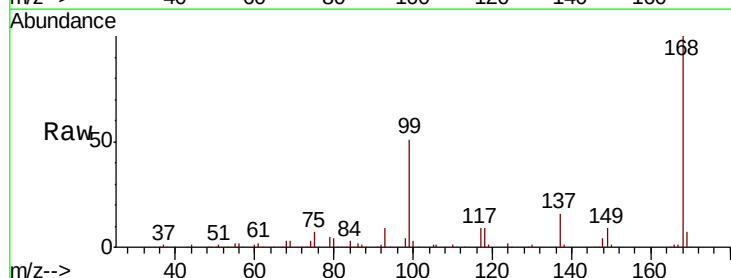
Tgt Ion: 117 Resp: 25326

Ion Ratio Lower Upper

117 100

119 7.4 78.8 118.2#

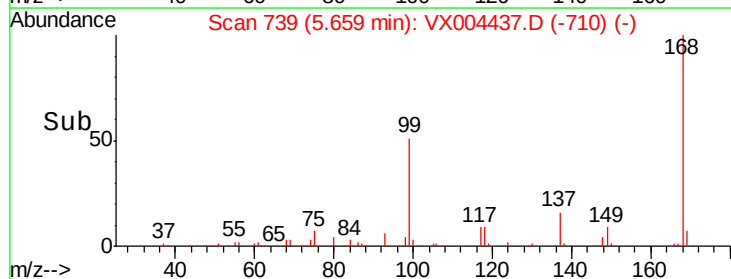
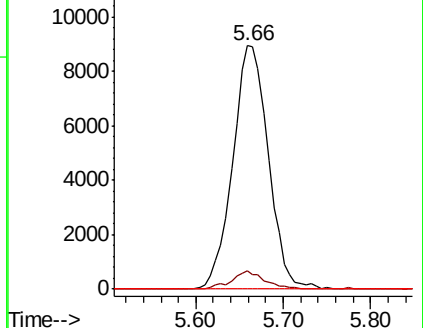
121 0.0 24.9 37.3#

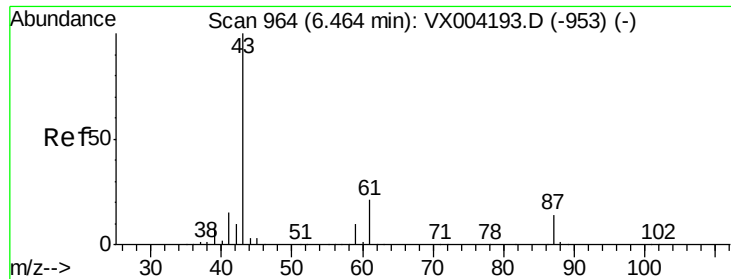


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



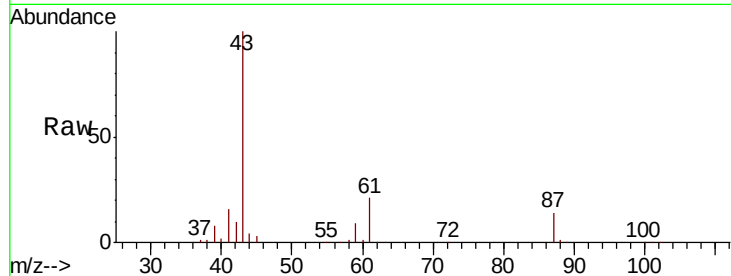


#43

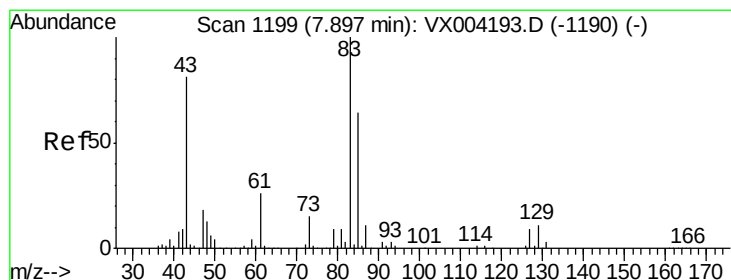
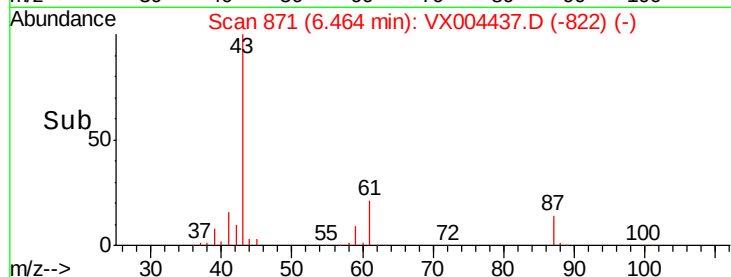
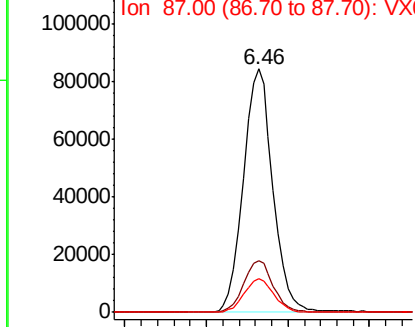
Isopropyl Acetate
 Concen: 25.55 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleID :
 OR-02-090618-A

Tot Ion	43	Resp	211506
Ion Ratio	Lower	Upper	
43	100		
61	21.4	17.0	25.4
87	13.8	11.4	17.2



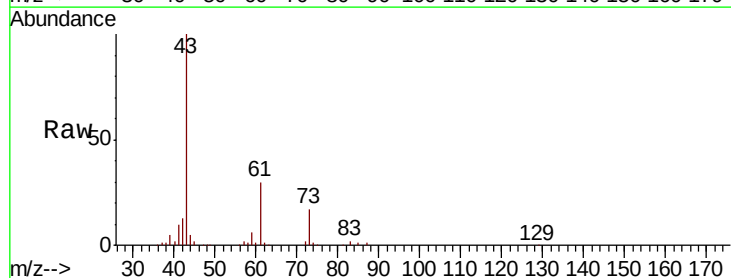
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



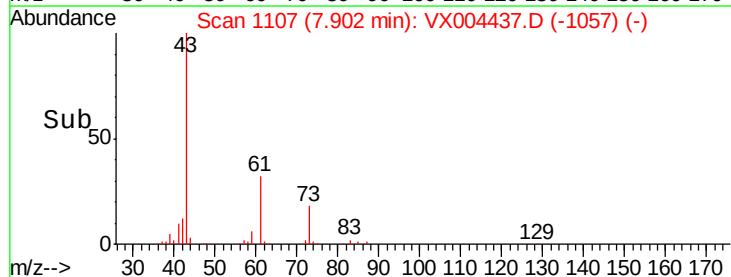
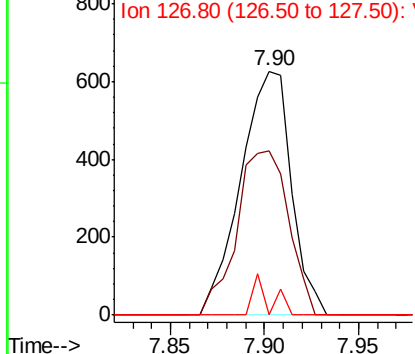
#47

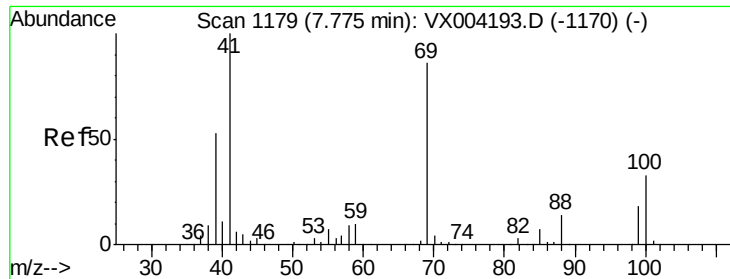
Bromodichloromethane
 Concen: 0.23 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion	83	Resp	1170
Ion Ratio	Lower	Upper	
83	100		
85	67.3	50.9	76.3
127	0.0	7.3	10.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

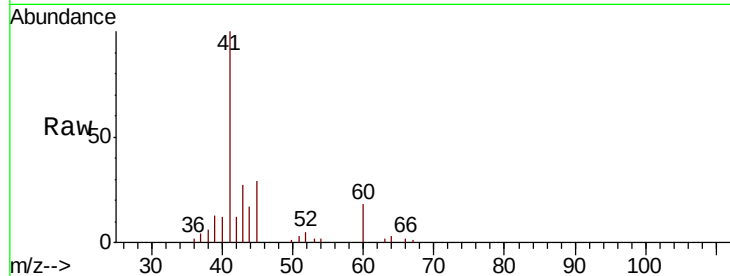




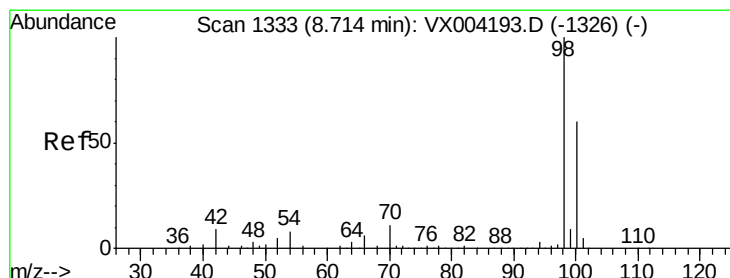
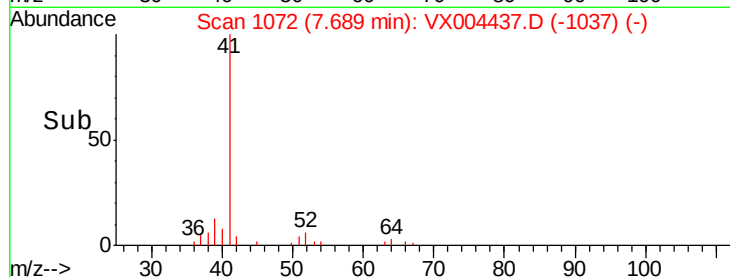
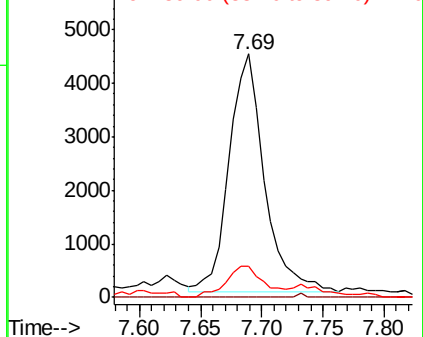
#48
Methvl methacrylate
Concen: 1.99 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
OR-02-090618-A

Tot Ion: 41 Resp: 8836
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 14.3 42.7 64.1#

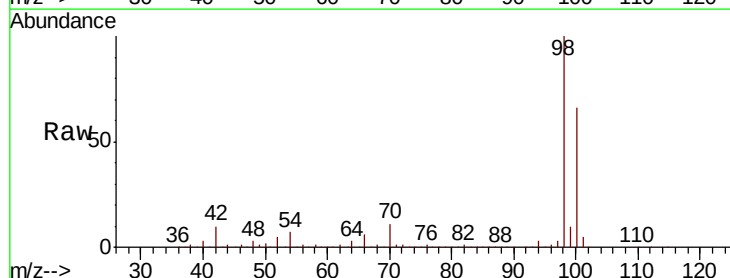


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

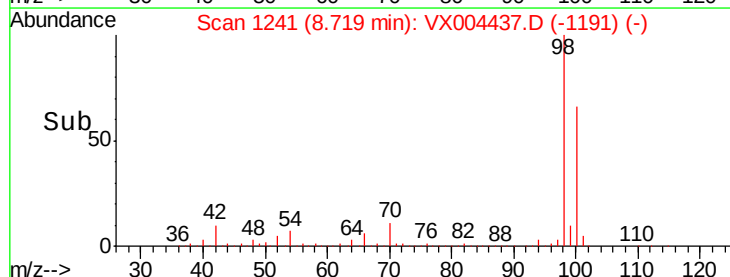
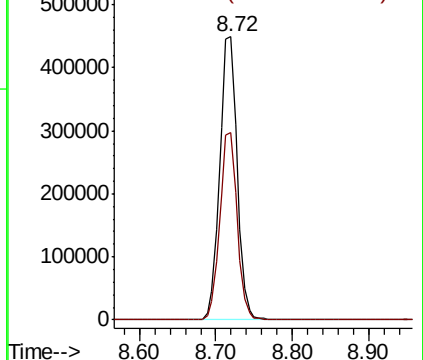


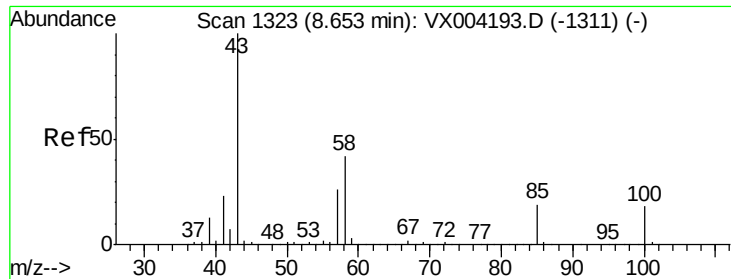
#50
Toluene-d8
Concen: 51.75 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 98 Resp: 708069
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.58 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

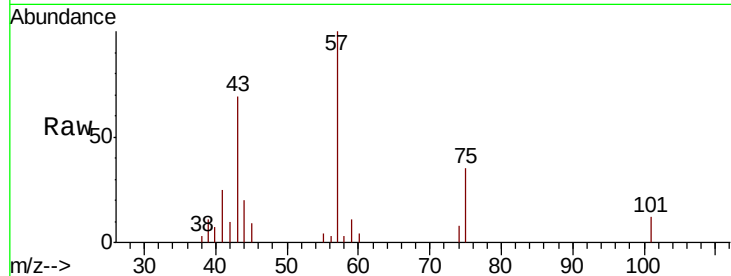
OR-02-090618-A

Tot Ion: 43 Resp: 3488

Ion Ratio Lower Upper

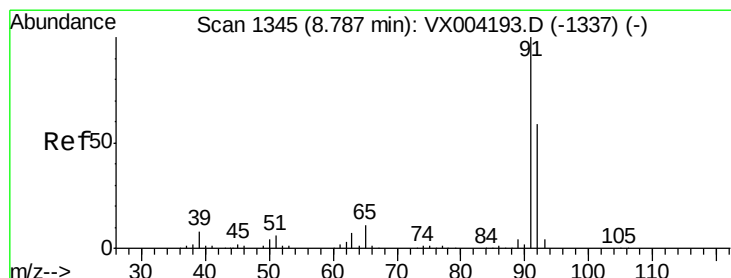
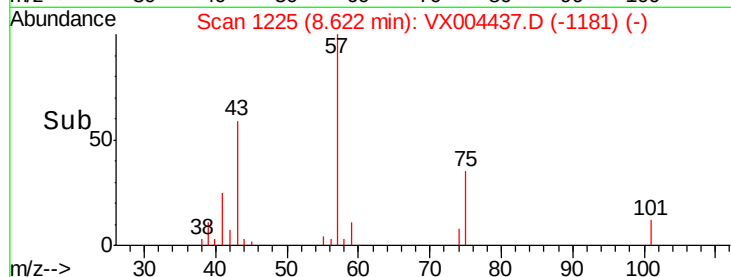
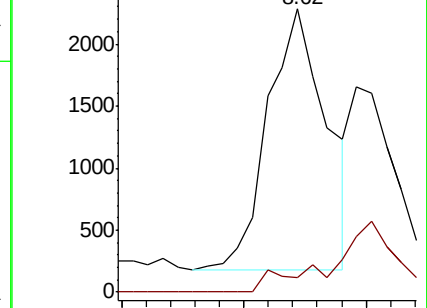
43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.62 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004437.D

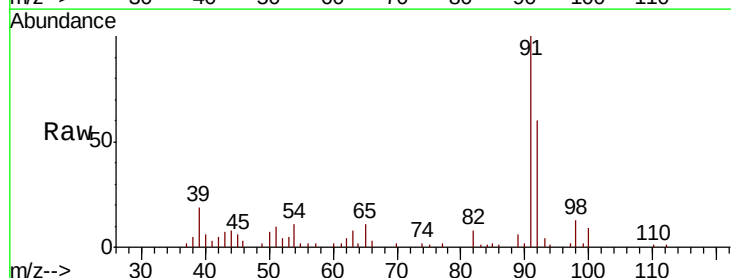
Acq: 08 Sep 2018 05:25

Tgt Ion: 92 Resp: 6344

Ion Ratio Lower Upper

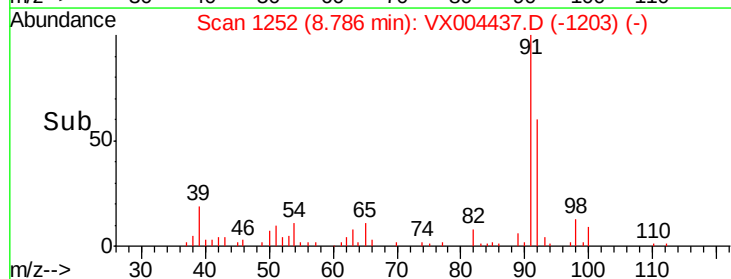
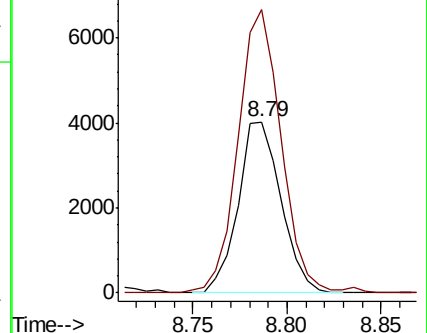
92 100

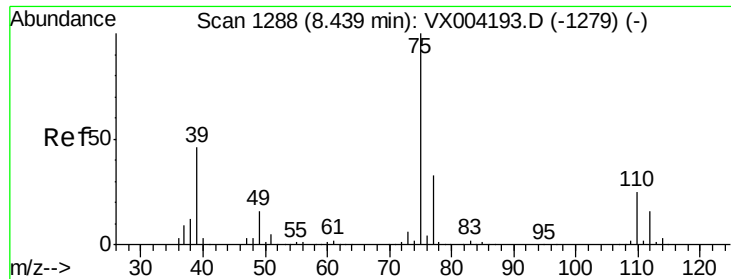
91 166.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

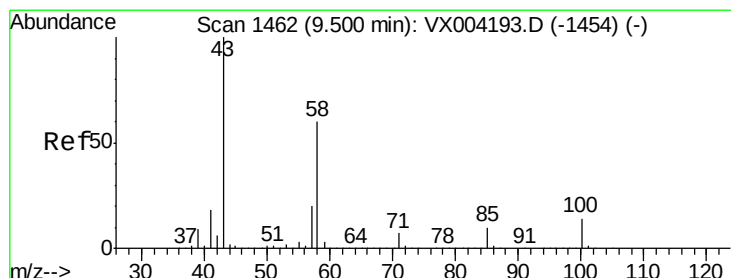
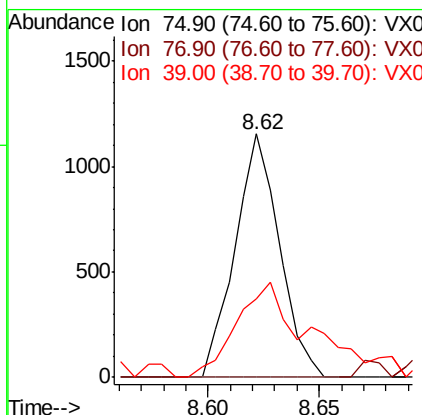
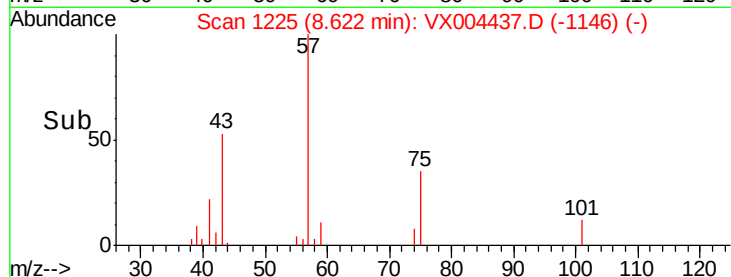
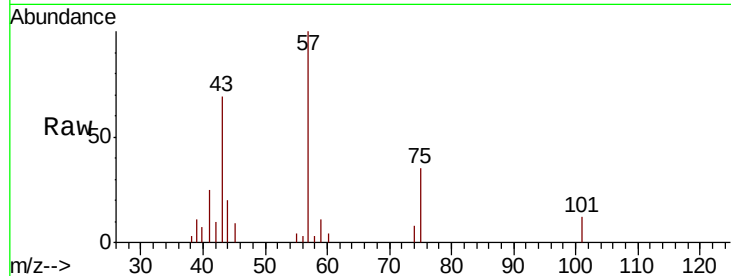




#54
 cis-1,3-Dichloropropene
 Concen: 0.26 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.18 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

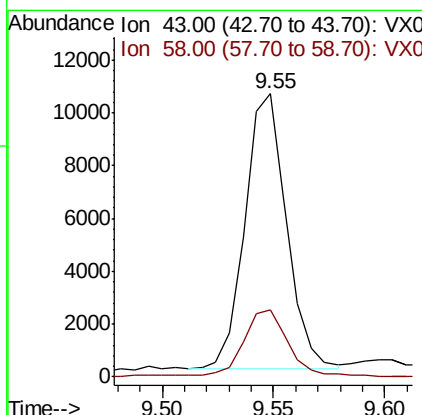
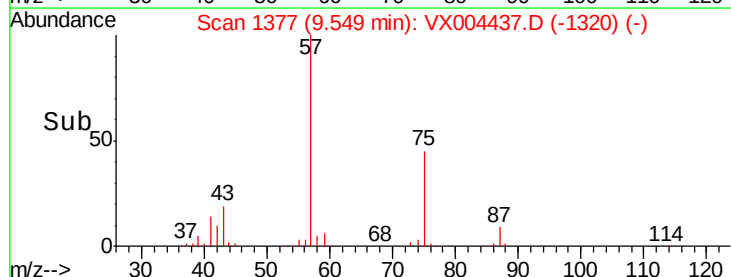
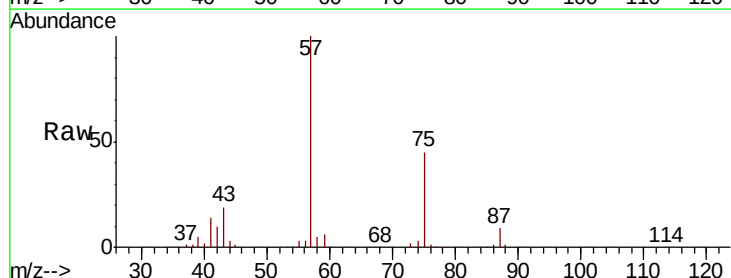
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

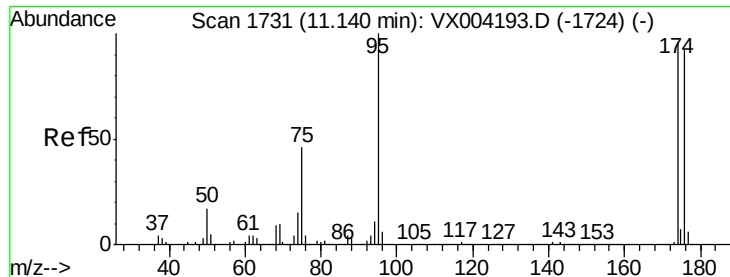
Tot Ion: 75 Resp: 1603
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 32.1 36.4 54.6#



#59
 2-Hexanone
 Concen: 2.93 ug/l
 RT: 9.55 min Scan# 1377
 Delta R.T. 0.05 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion: 43 Resp: 13453
 Ion Ratio Lower Upper
 43 100
 58 26.6 29.0 87.0#

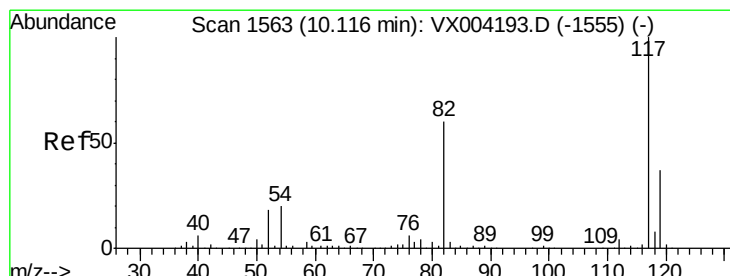
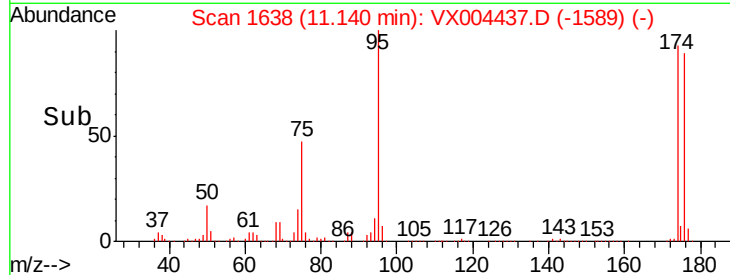
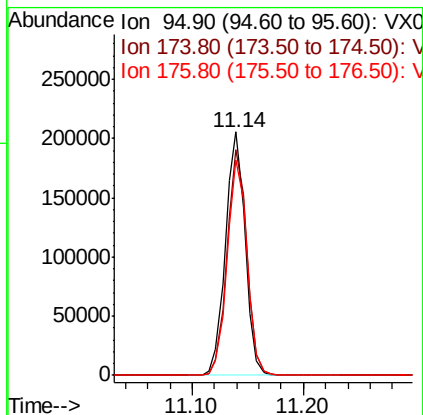
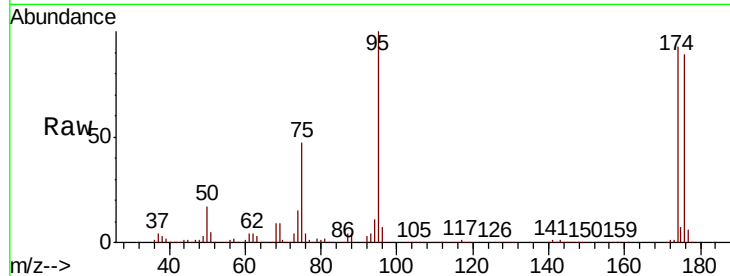




#62
4-Bromofluorobenzene
Concen: 49.15 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

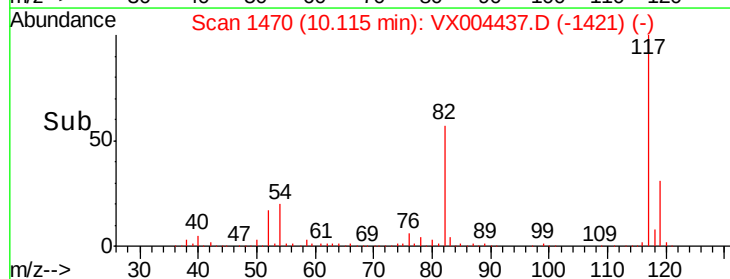
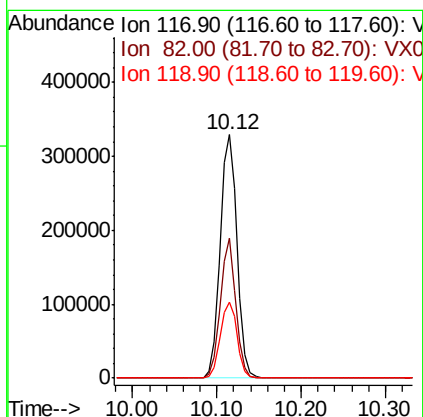
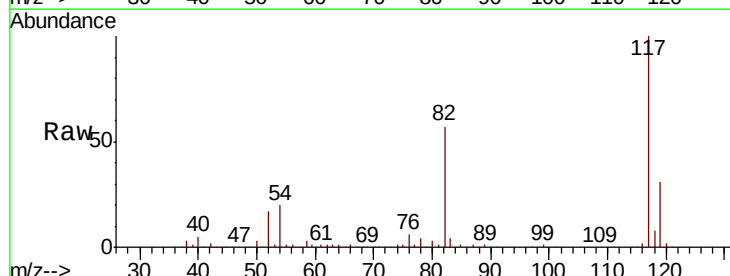
Instrument :
MSVOA_X
ClientSampleId :
OR-02-090618-A

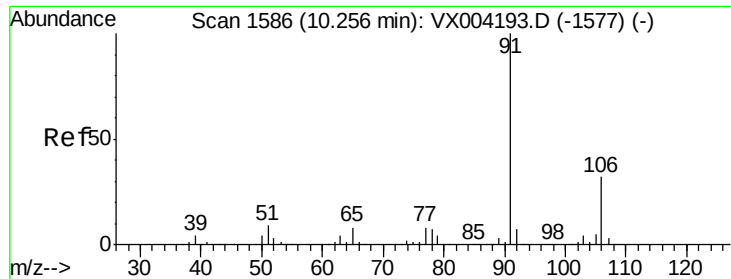
Tot Ion: 95 Resp: 250941
Ion Ratio Lower Upper
95 100
174 93.7 0.0 185.2
176 89.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 117 Resp: 455392
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 31.4 29.3 43.9





#67

Ethyl Benzene

Concen: 0.65 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

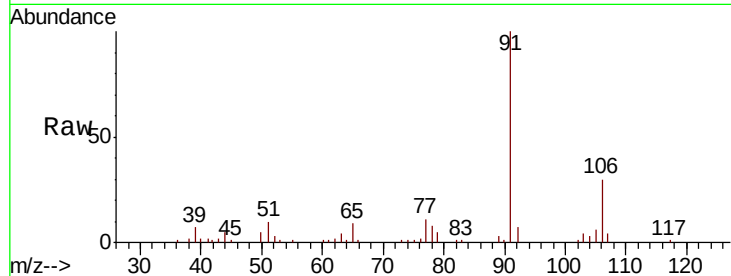
OR-02-090618-A

Tot Ion: 91 Resp: 12031

Ion Ratio Lower Upper

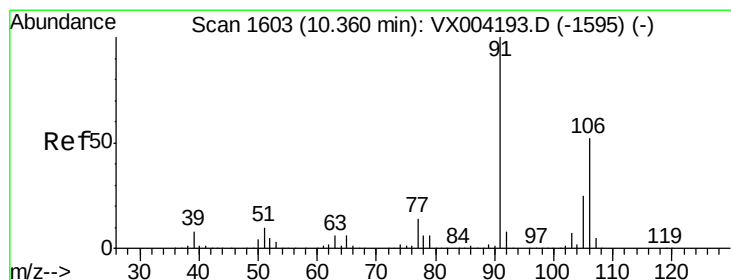
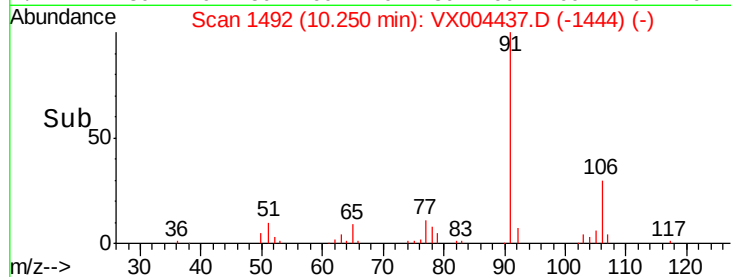
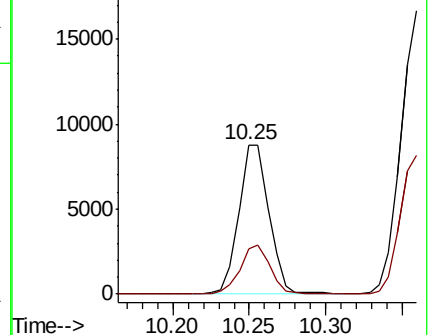
91 100

106 30.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1577) (-)

Ion 106.00 (105.70 to 106.70): VX004193.D (-1577) (-)



#68

m/p-Xylenes

Concen: 1.55 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004437.D

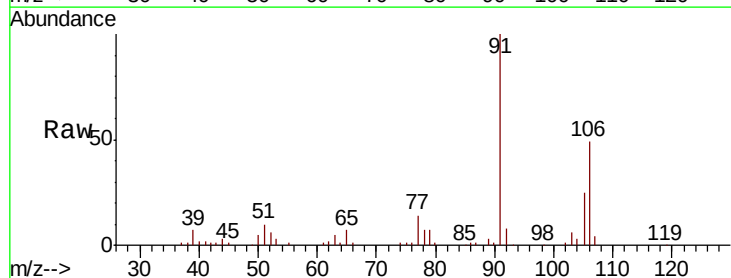
Acq: 08 Sep 2018 05:25

Tgt Ion: 106 Resp: 11215

Ion Ratio Lower Upper

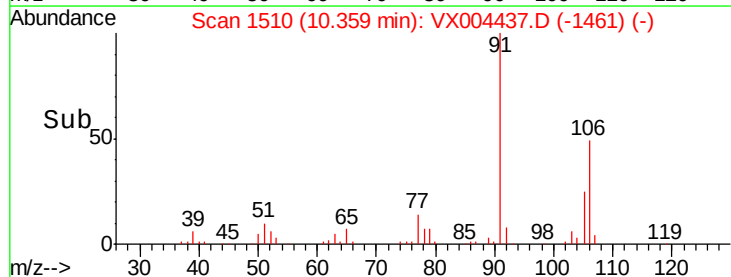
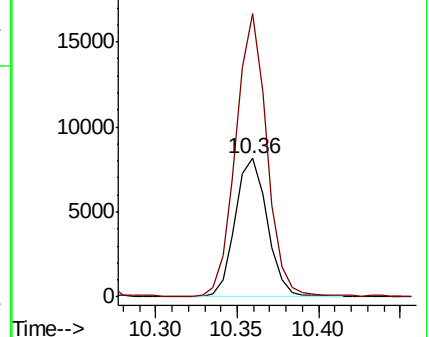
106 100

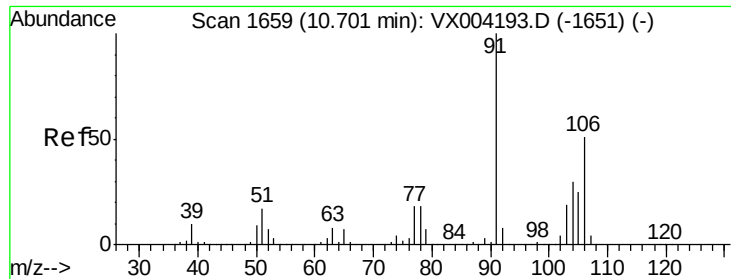
91 198.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): VX004193.D (-1595) (-)

Ion 91.00 (90.70 to 91.70): VX004193.D (-1595) (-)

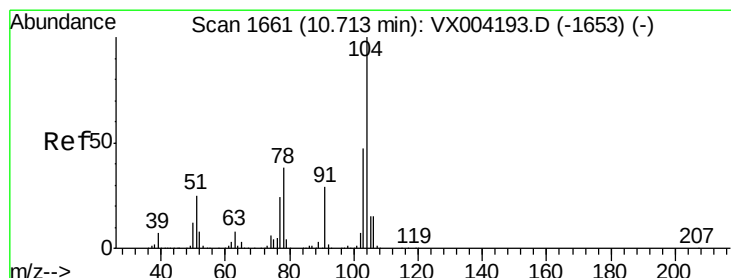
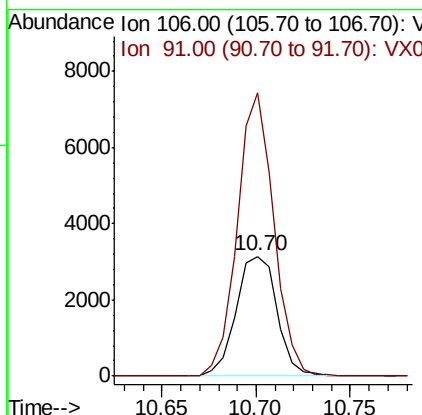
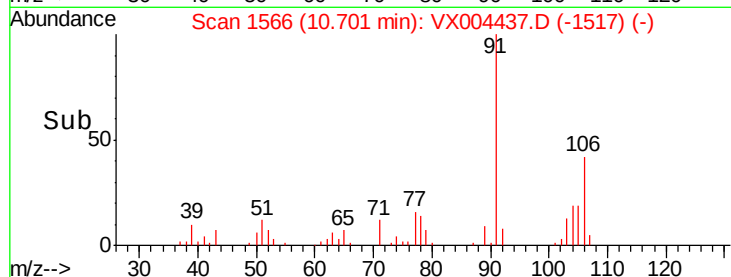
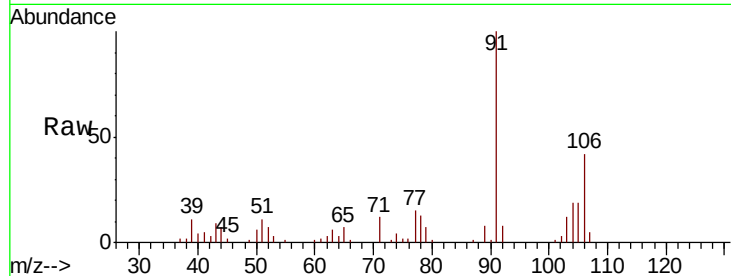




#69
o-Xylene
Concen: 0.69 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

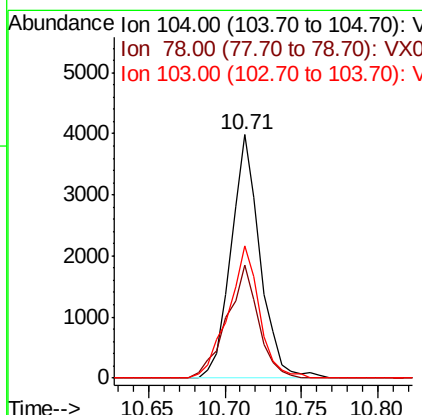
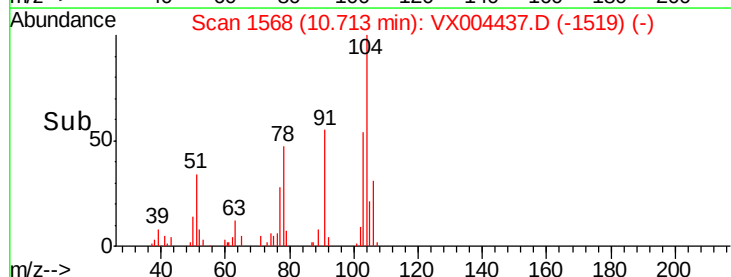
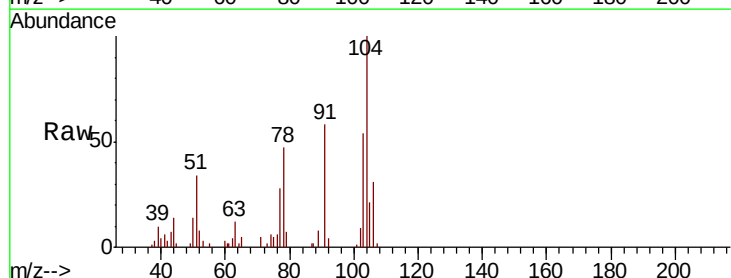
Instrument :
MSVOA_X
ClientSampleId :
OR-02-090618-A

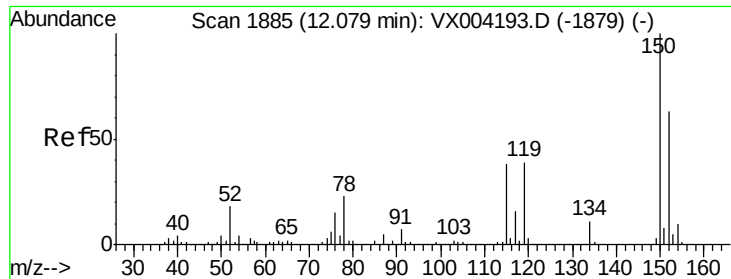
Tot Ion:106 Resp: 4725
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1



#70
Styrene
Concen: 0.47 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion:104 Resp: 5240
Ion Ratio Lower Upper
104 100
78 50.6 37.4 56.0
103 58.2 43.8 65.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

OR-02-090618-A

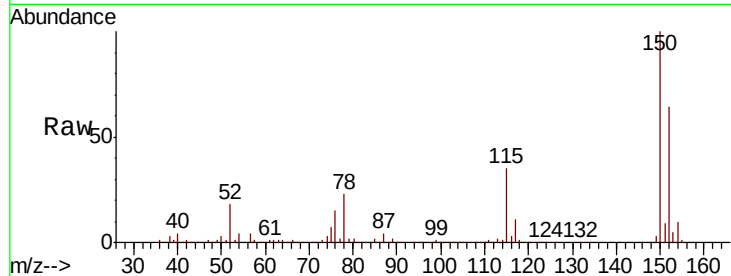
Tot Ion:152 Resp: 273113

Ion Ratio Lower Upper

152 100

115 54.0 39.0 117.0

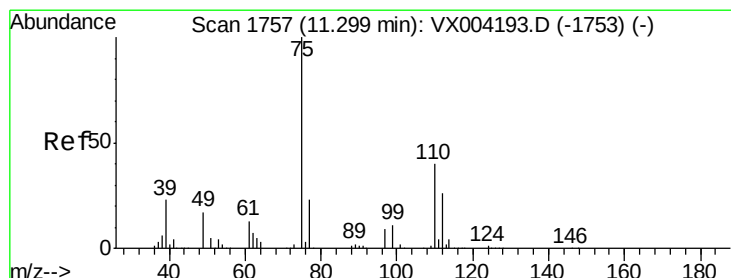
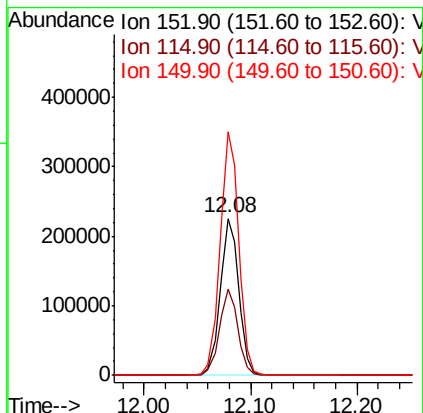
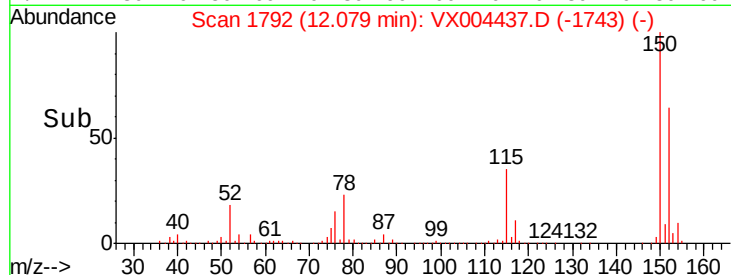
150 156.1 0.0 351.0



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: 21.29 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004437.D

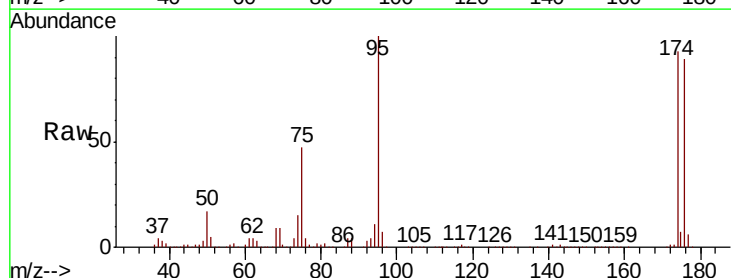
Acq: 08 Sep 2018 05:25

Tgt Ion: 75 Resp: 118272

Ion Ratio Lower Upper

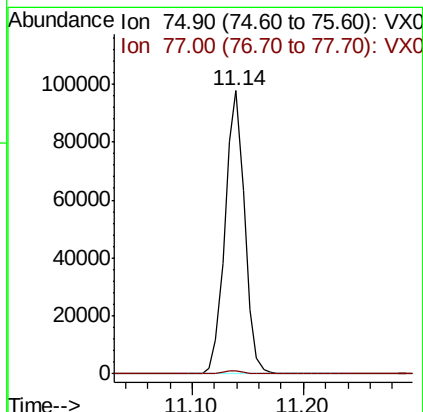
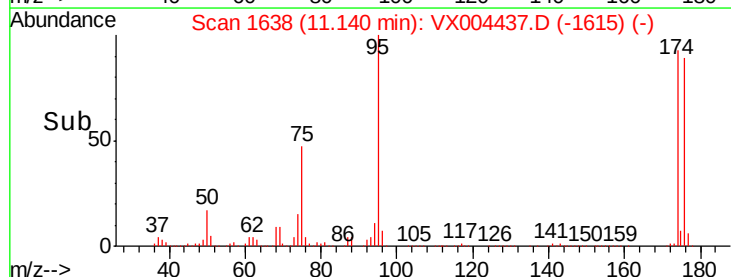
75 100

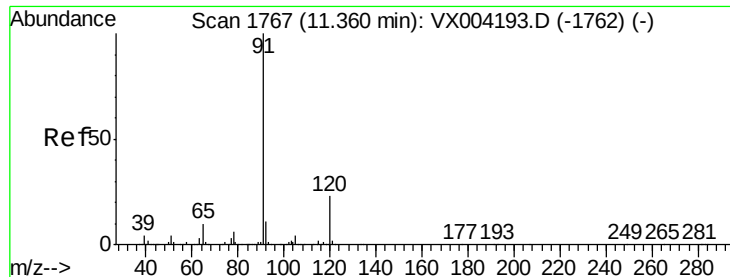
77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.25 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

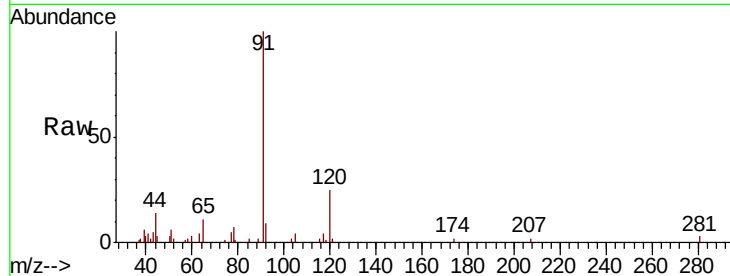
OR-02-090618-A

Tot Ion: 91 Resp: 5205

Ion Ratio Lower Upper

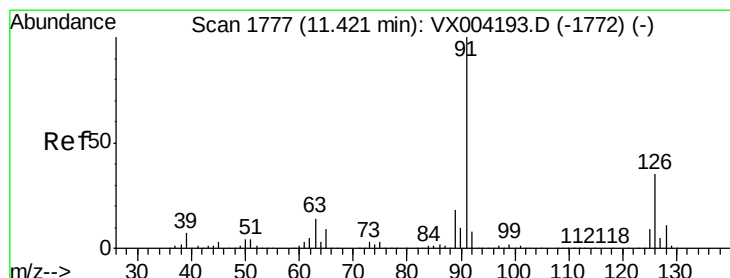
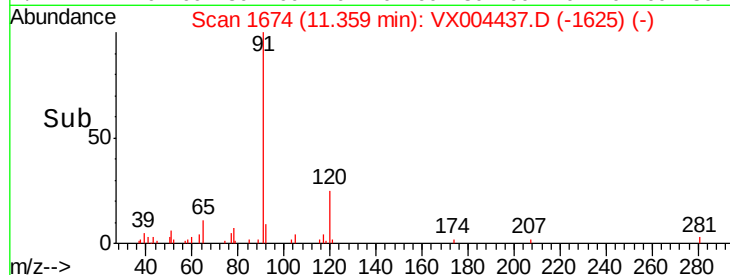
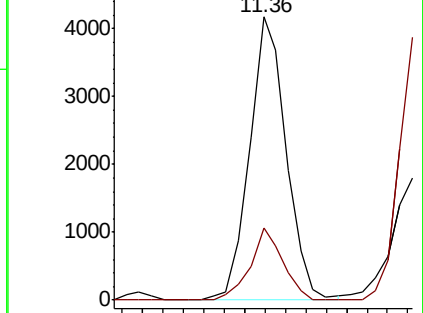
91 100

120 22.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.28 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004437.D

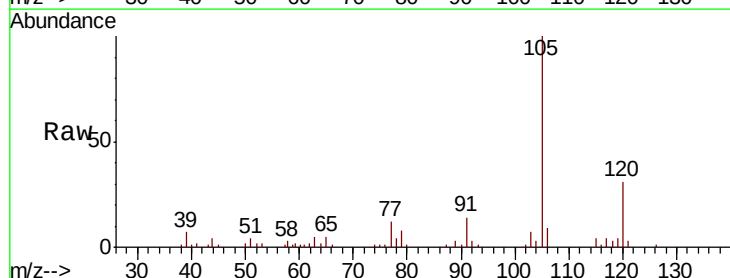
Acq: 08 Sep 2018 05:25

Tgt Ion: 91 Resp: 3510

Ion Ratio Lower Upper

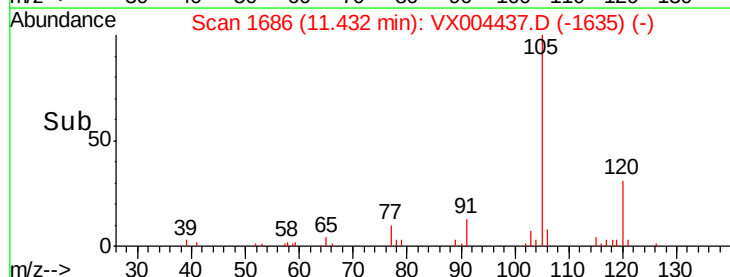
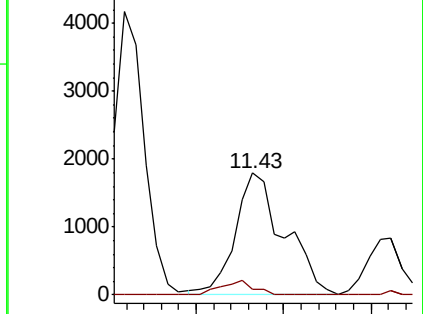
91 100

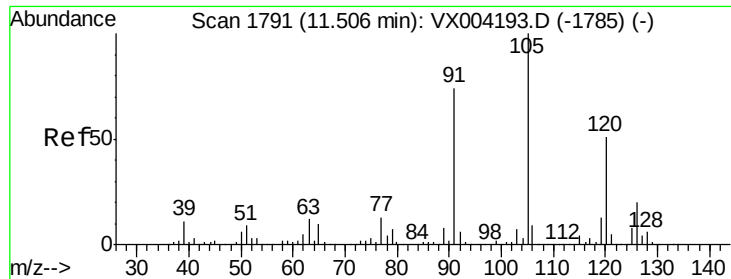
126 7.7 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

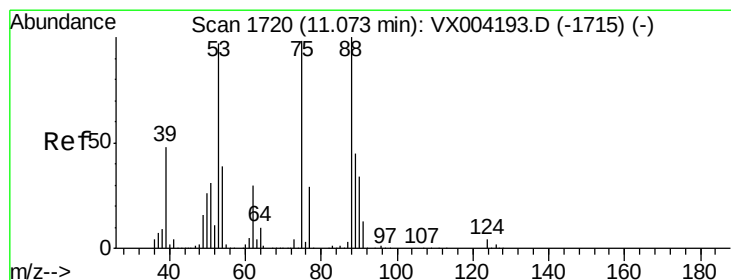
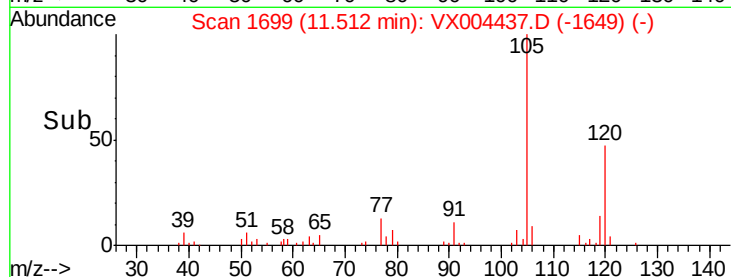
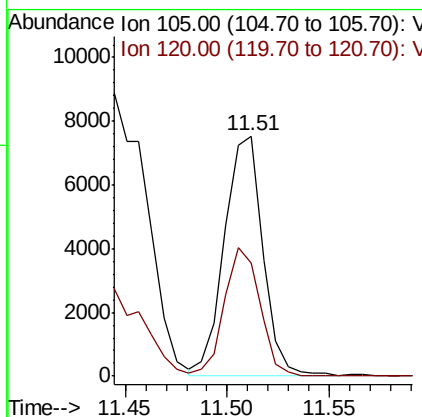
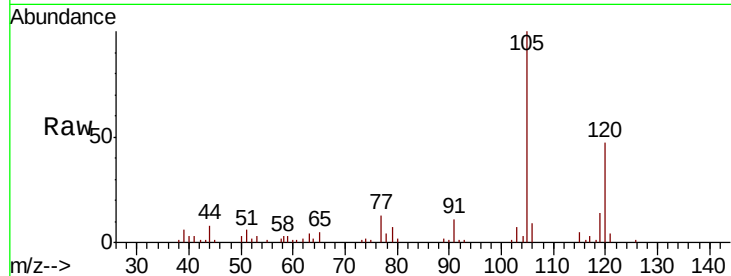




#80
 1,3,5-Trimethylbenzene
 Concen: 0.66 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

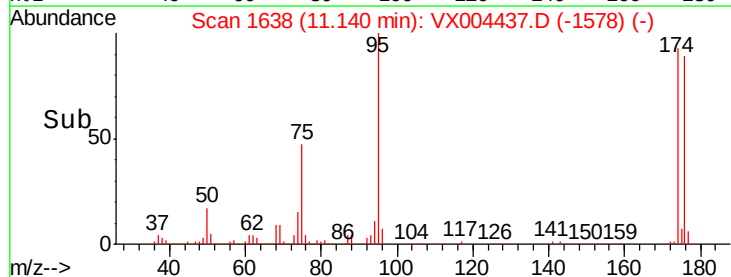
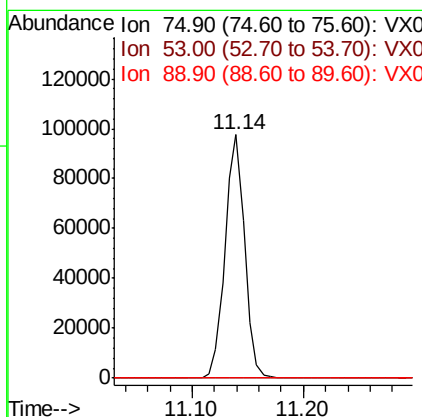
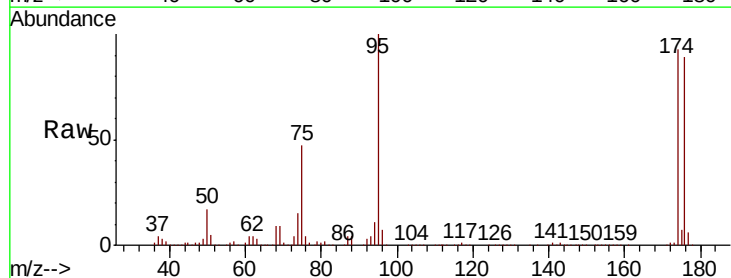
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

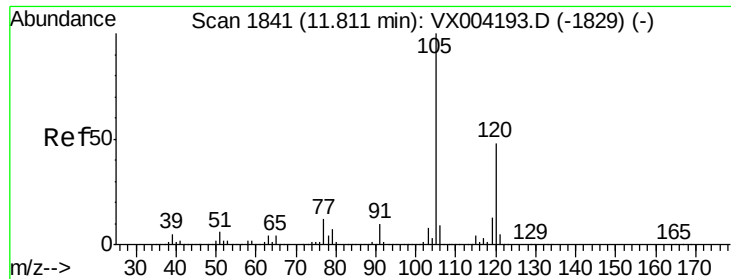
Tot Ion:105 Resp: 9872
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.09 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion: 75 Resp: 118272
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.1 120.1#
 89 0.0 37.2 55.8#

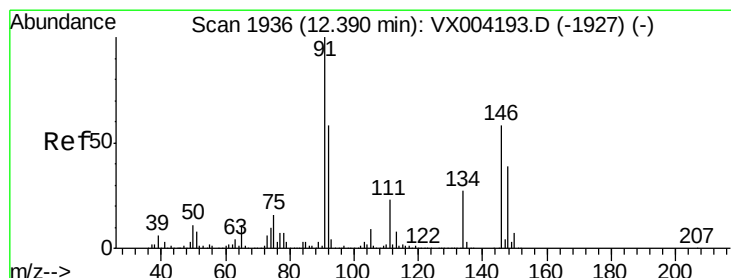
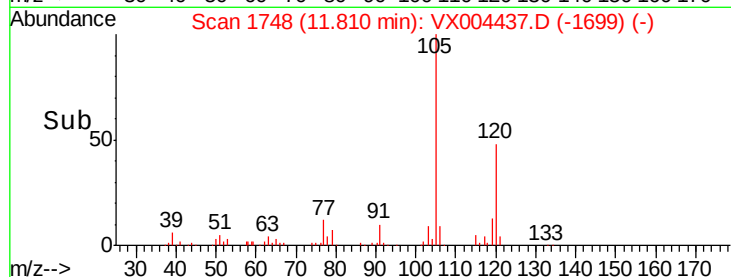
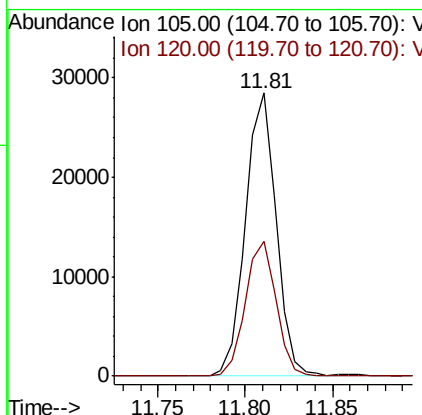
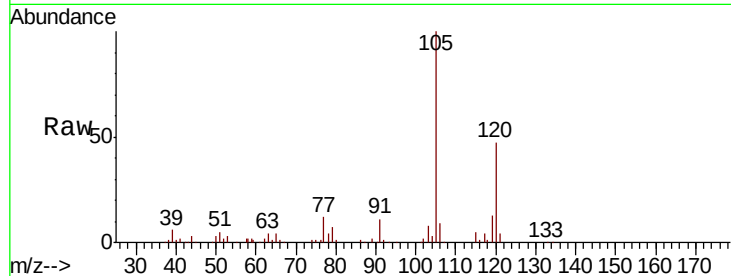




#84
 1,2,4-Trimethylbenzene
 Concen: 2.29 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

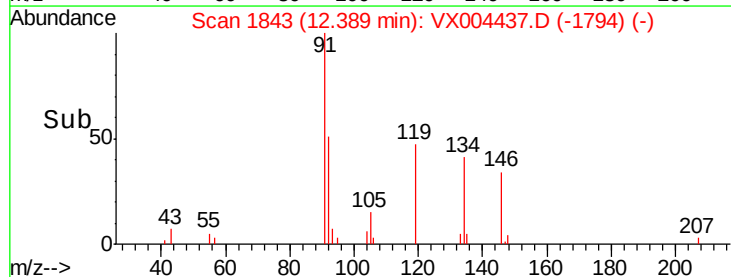
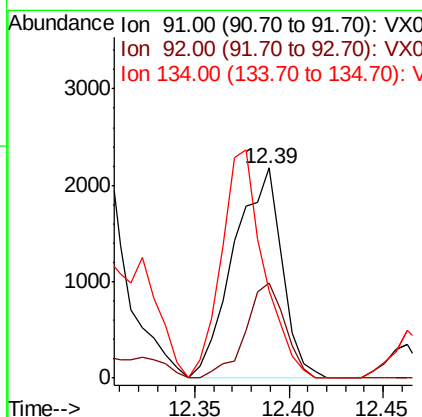
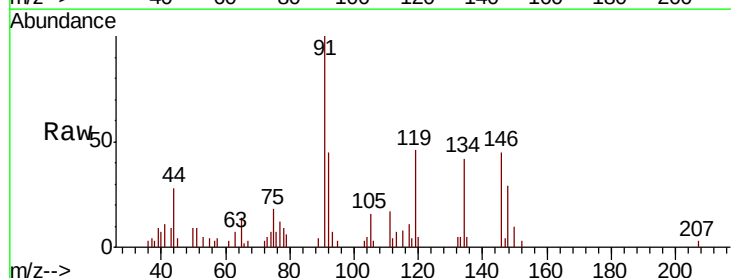
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

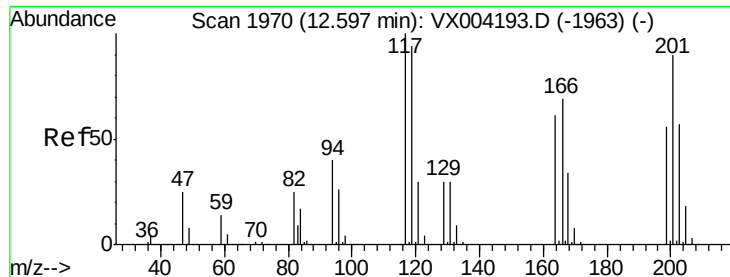
Tot Ion:105 Resp: 34969
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.2 69.6



#89
 n-Butylbenzene
 Concen: 0.30 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion: 91 Resp: 3857
 Ion Ratio Lower Upper
 91 100
 92 37.1 27.3 81.9
 134 95.3 13.6 40.7#





#90

Hexachloroethane

Concen: 0.23 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

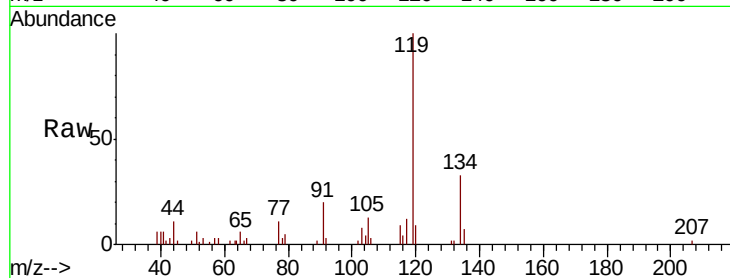
OR-02-090618-A

Tot Ion:117 Resp: 515

Ion Ratio Lower Upper

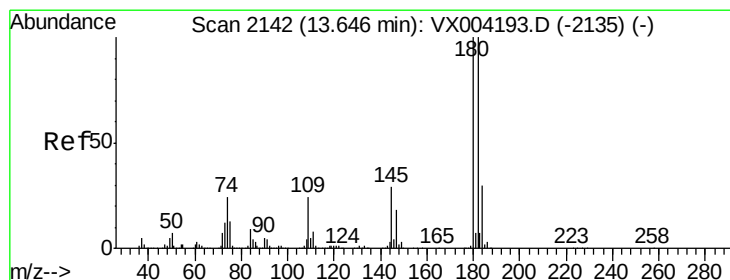
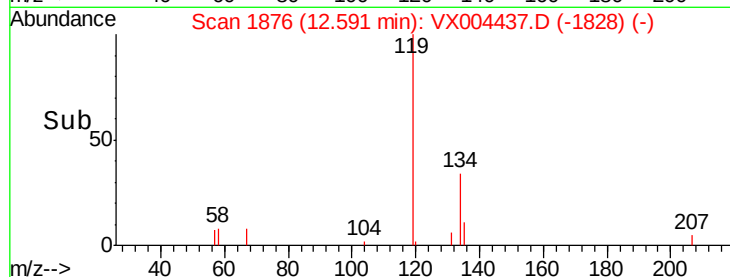
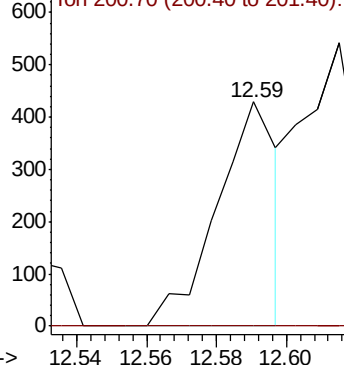
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.90 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

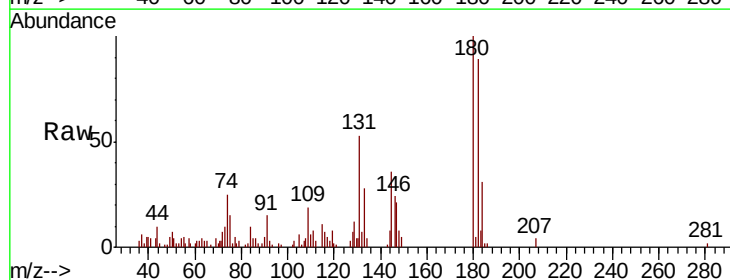
Tgt Ion:180 Resp: 5645

Ion Ratio Lower Upper

180 100

182 97.2 48.4 145.0

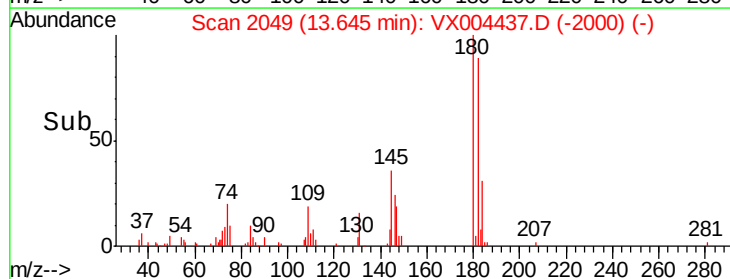
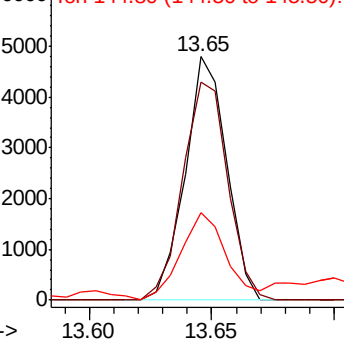
145 39.5 14.3 42.9

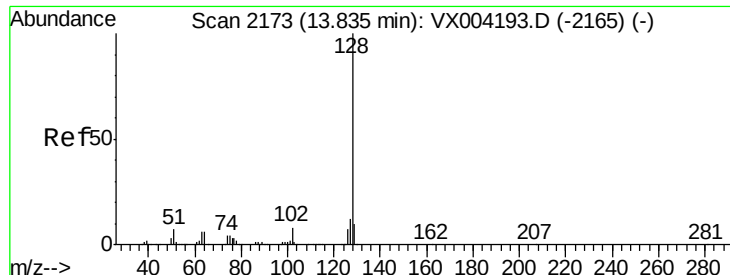


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

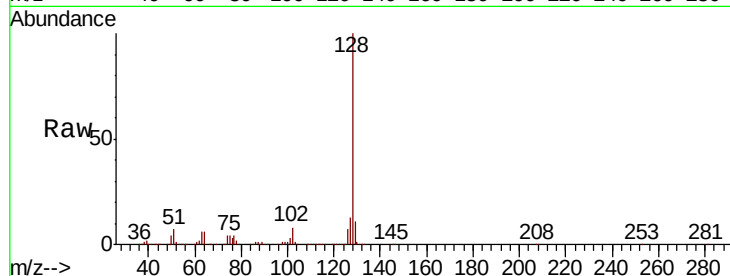




#95
 Naphthalene
 Concen: 34.89 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.6	12.8



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

