

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004433.D
 Acq On : 08 Sep 2018 03:39
 Operator : JC/MD
 Sample : J4779-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-090618-B

Quant Time: Sep 08 05:00:20 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	5.66	168	299662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	502085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214105	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	5.50	113	188934	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	728785	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	259278	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

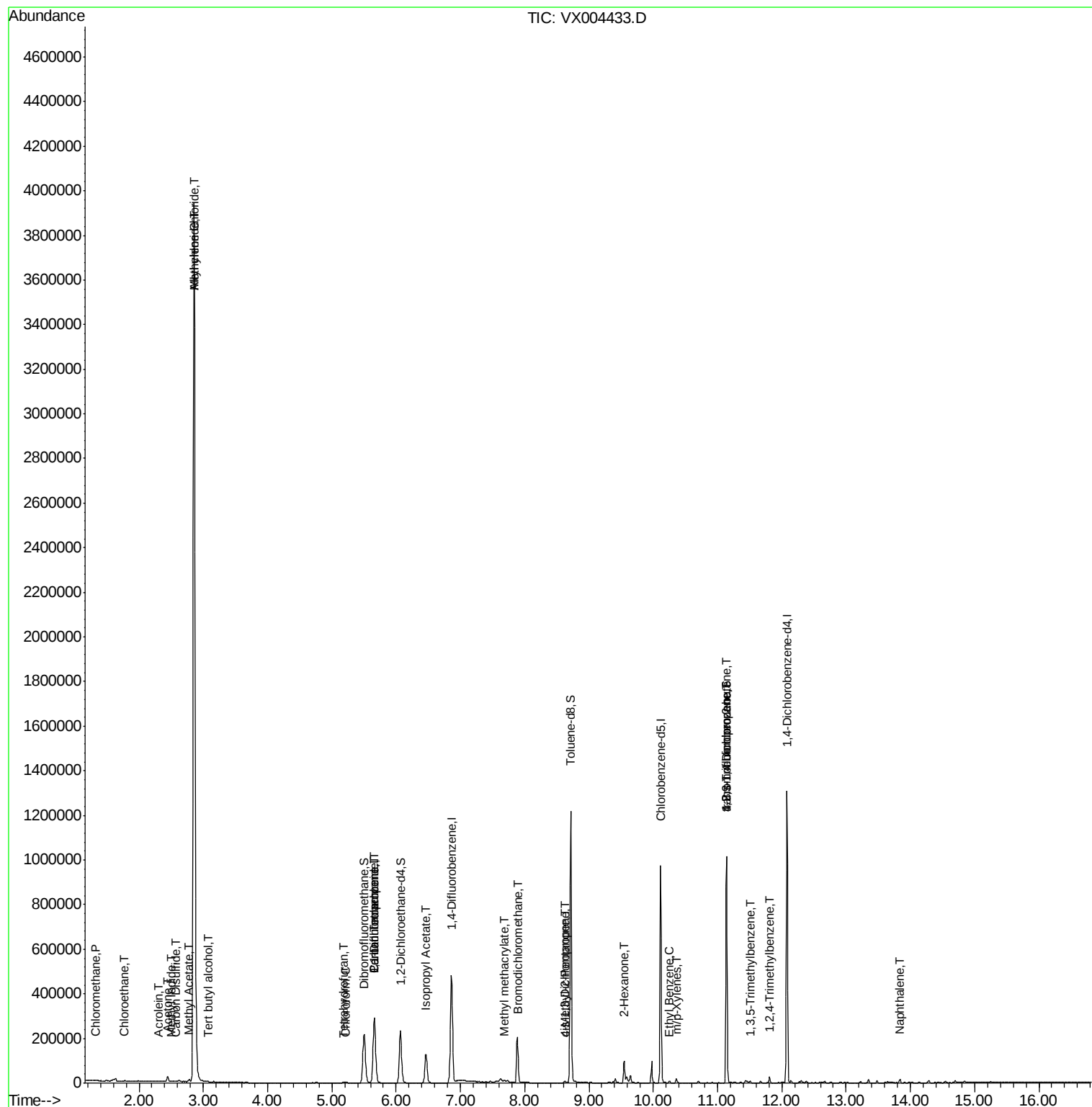
						Qvalue
3) Chloromethane	1.32	50	750	0.48	ug/l	91
5) Bromomethane	1.64	94	576	Below	Cal	91
6) Chloroethane	1.77	64	4924	2.52	ug/l #	66
10) Methyl Iodide	2.51	142	286	4.33	ug/l #	64
11) Tert butyl alcohol	3.07	59	604	0.73	ug/l #	94
13) Acrolein	2.29	56	301	1.50	ug/l #	59
14) Allyl chloride	2.85	41	80610	13.82	ug/l #	28
16) Acetone	2.45	43	23311	6.77	ug/l	97
17) Carbon Disulfide	2.57	76	820	0.89	ug/l #	29
18) Methyl Acetate	2.78	43	13658	2.36	ug/l	97
20) Methylene Chloride	2.85	84	1932004	513.87	ug/l	98
25) 2-Butanone	4.70	43	3006	Below	Cal #	78
29) Tetrahydrofuran	5.17	42	1454	0.87	ug/l	93
30) Chloroform	5.21	83	5640	0.89	ug/l	84
36) 1,1-Dichloropropene	5.66	75	19352	3.43	ug/l #	50
38) Carbon Tetrachloride	5.66	117	25882	4.87	ug/l #	16
43) Isopropyl Acetate	6.46	43	169381	19.86	ug/l	99
47) Bromodichloromethane	7.90	83	1184	0.23	ug/l	91
48) Methyl methacrylate	7.68	41	8588	1.88	ug/l #	23
51) 4-Methyl-2-Pentanone	8.62	43	2660	0.43	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	1315	0.21	ug/l #	65
59) 2-Hexanone	9.54	43	10241	2.17	ug/l #	57
67) Ethyl Benzene	10.25	91	4250	0.22	ug/l	95
68) m/p-Xylenes	10.36	106	4582	0.60	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	121635	21.65	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	3775	0.25	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	121635	70.24	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	12125	0.79	ug/l	99
94) Hexachlorobutadiene	13.78	225	227	Below	Cal	78
95) Naphthalene	13.83	128	10953	0.61	ug/l	98

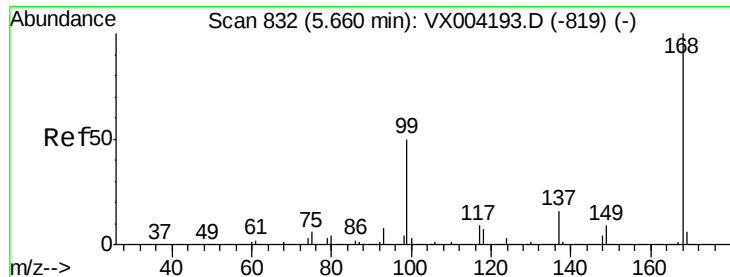
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

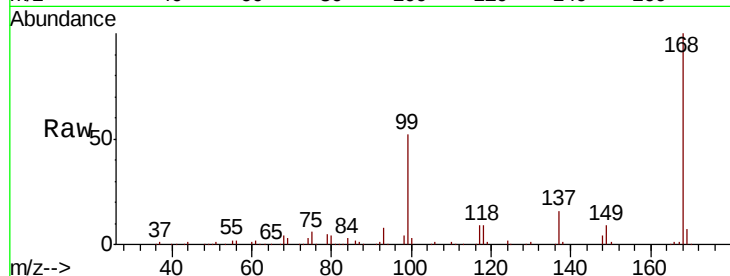
SU-03-090618-B

Tot Ion:168 Resp: 299662

Ion Ratio Lower Upper

168 100

99 51.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

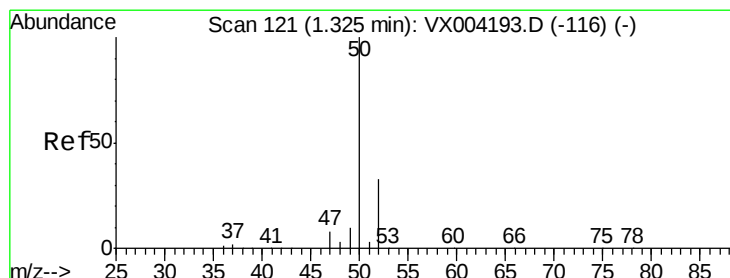
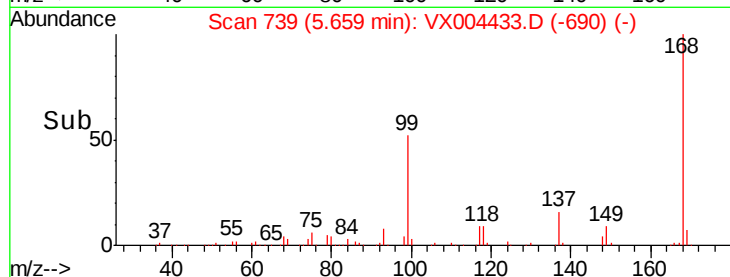
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.48 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004433.D

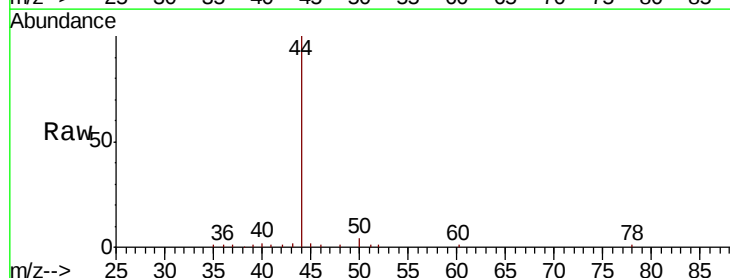
Acq: 08 Sep 2018 03:39

Tgt Ion: 50 Resp: 750

Ion Ratio Lower Upper

50 100

52 27.7 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

500

400

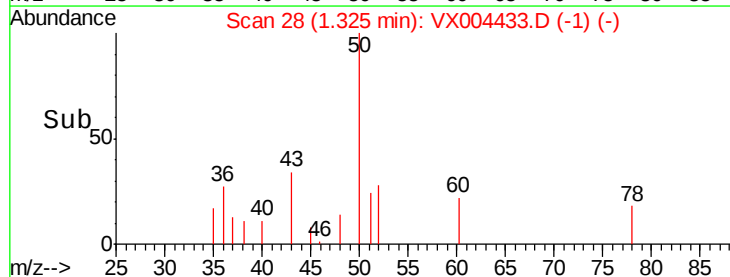
300

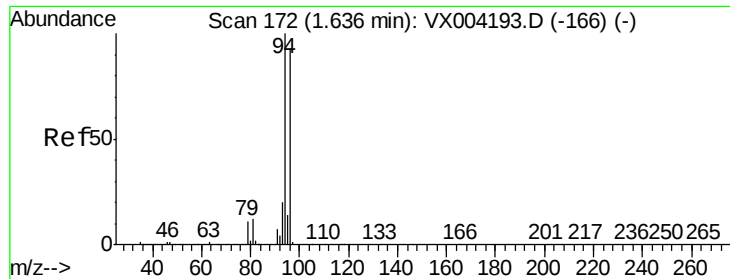
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

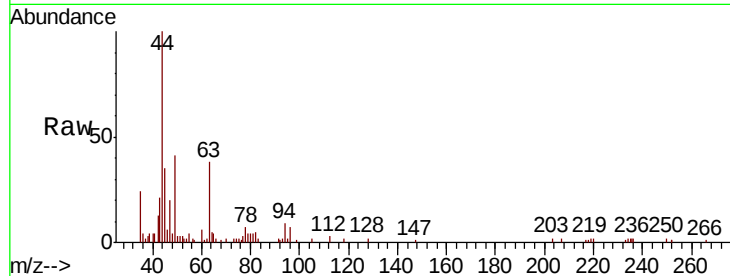
SU-03-090618-B

Tot Ion: 94 Resp: 576

Ion Ratio Lower Upper

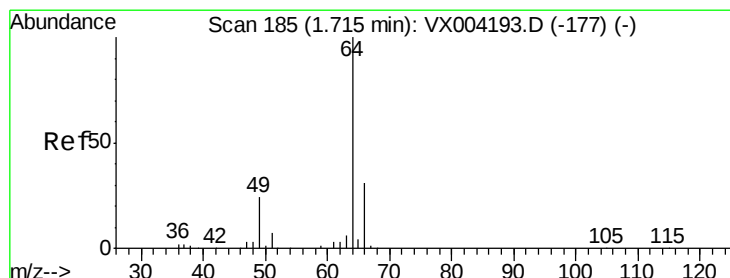
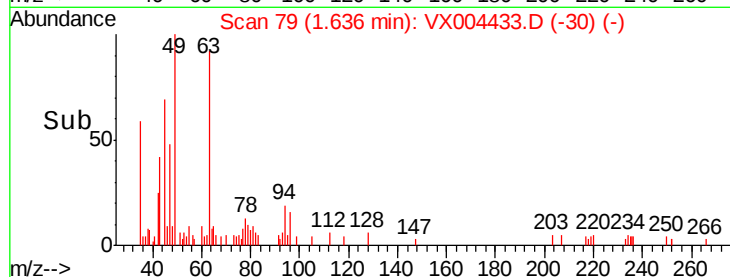
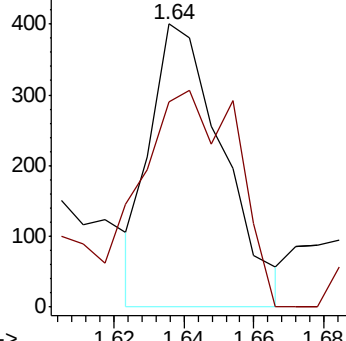
94 100

96 84.5 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: 2.52 ug/l

RT: 1.77 min Scan# 101

Delta R.T. 0.05 min

Lab File: VX004433.D

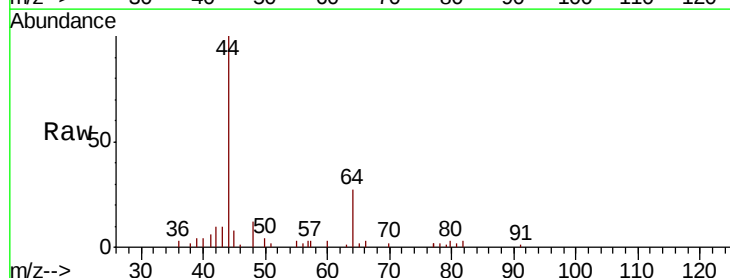
Acq: 08 Sep 2018 03:39

Tgt Ion: 64 Resp: 4924

Ion Ratio Lower Upper

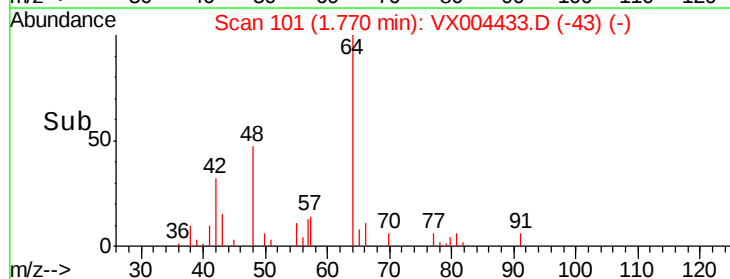
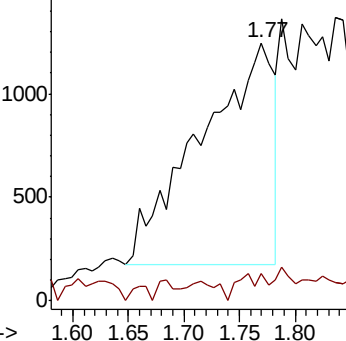
64 100

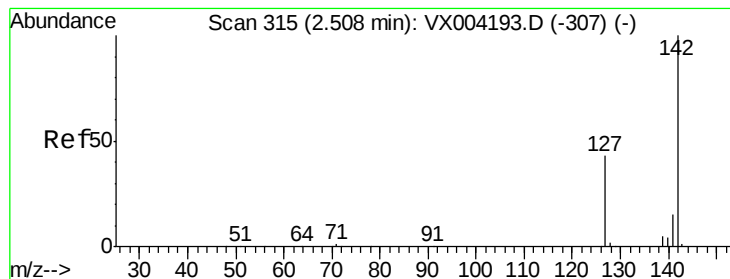
66 12.1 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methyl Iodide

Concen: 4.33 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

SU-03-090618-B

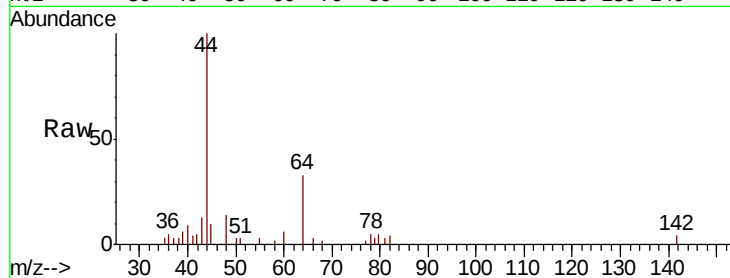
Tot Ion:142 Resp: 286

Ion Ratio Lower Upper

142 100

127 18.9 33.8 50.6#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

100

50

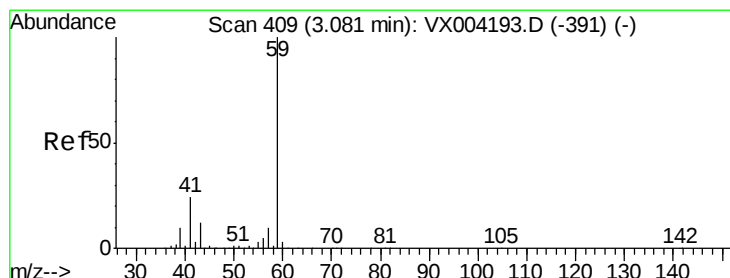
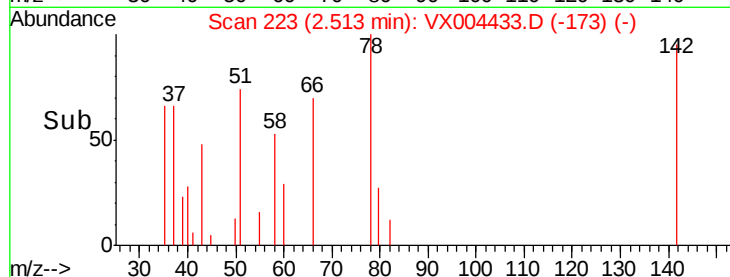
0

2.45

2.50

2.55

Time-->



#11

Tert butyl alcohol

Concen: 0.73 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004433.D

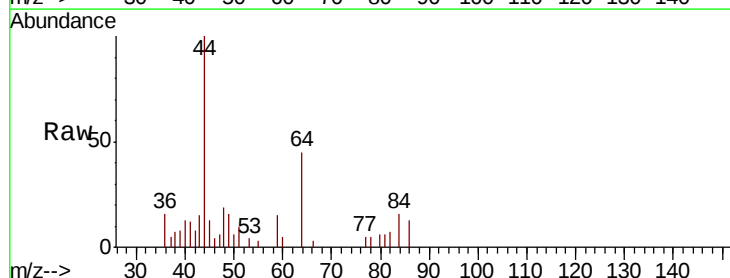
Acq: 08 Sep 2018 03:39

Tgt Ion: 59 Resp: 604

Ion Ratio Lower Upper

59 100

57 7.9 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

500

400

300

200

100

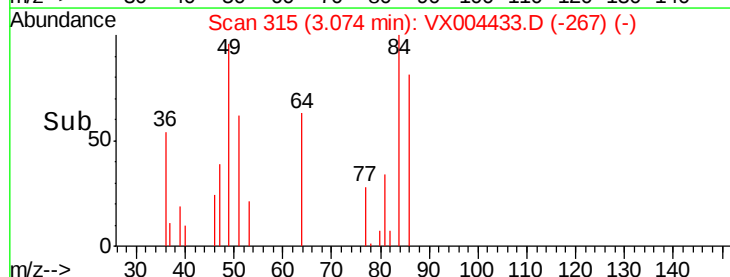
0

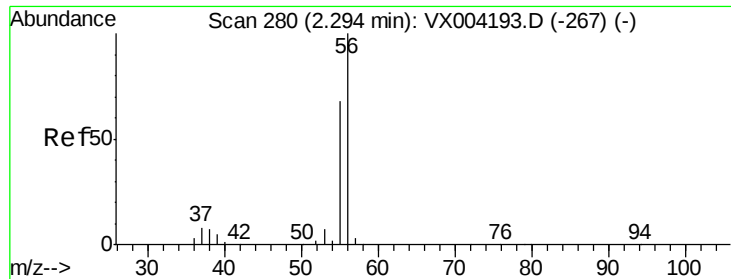
3.05

3.10

3.07

Time-->

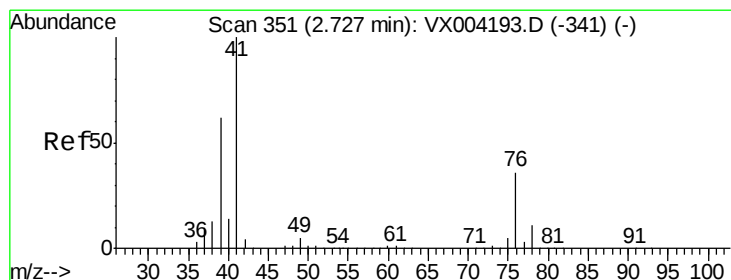
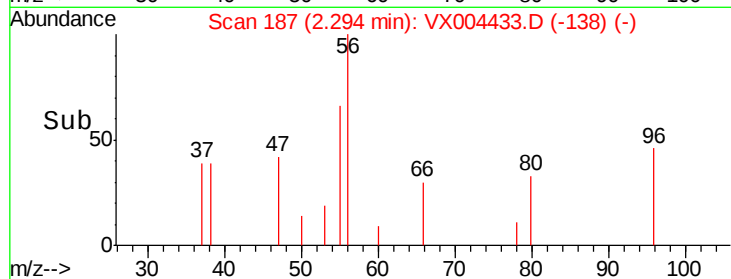
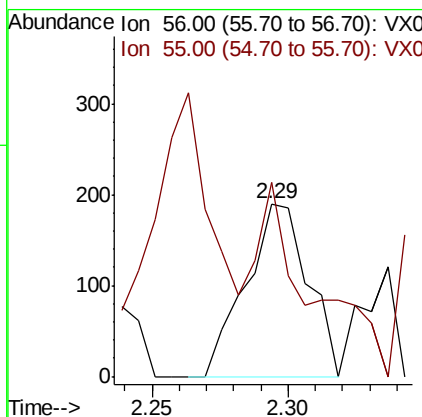
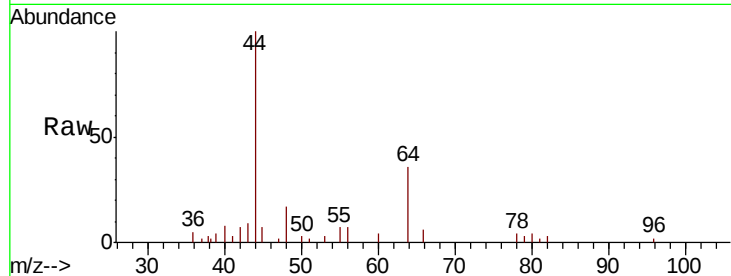




#13
Acrolein
Concen: 1.50 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

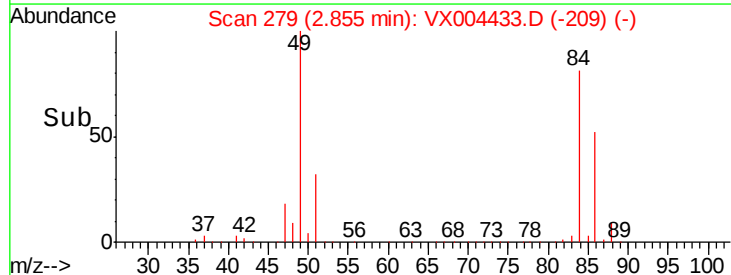
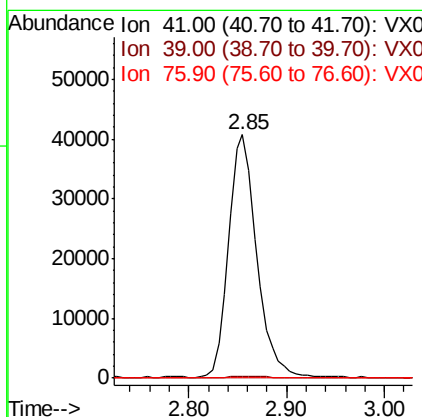
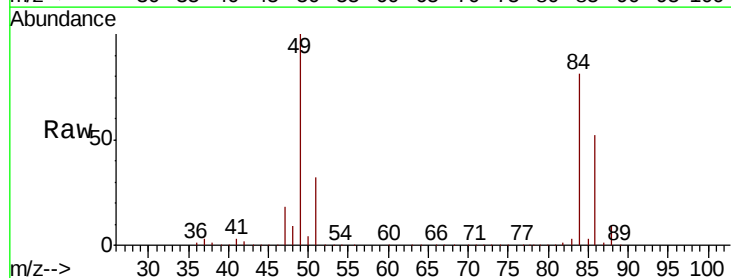
Instrument :
MSVOA_X
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SU-03-090618-B

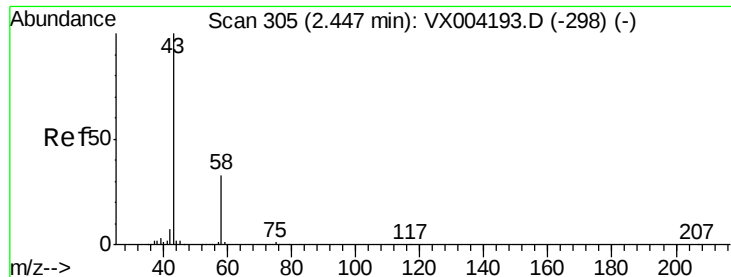
Tot Ion: 56 Resp: 301
Ion Ratio Lower Upper
56 100
55 101.3 54.7 82.1#



#14
Allyl chloride
Concen: 13.82 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 41 Resp: 80610
Ion Ratio Lower Upper
41 100
39 0.8 48.9 73.3#
76 0.0 26.7 40.1#





#16

Acetone

Concen: 6.77 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

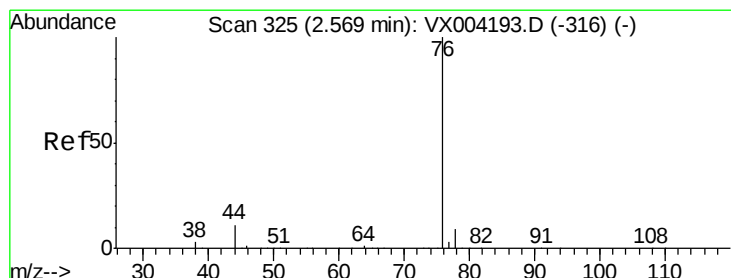
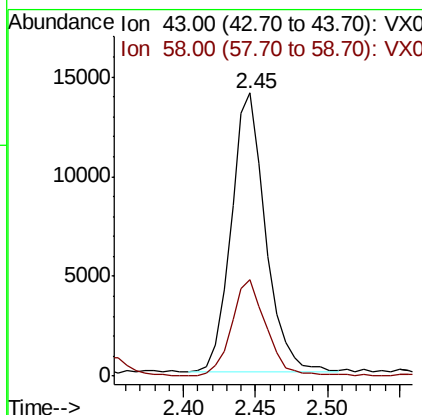
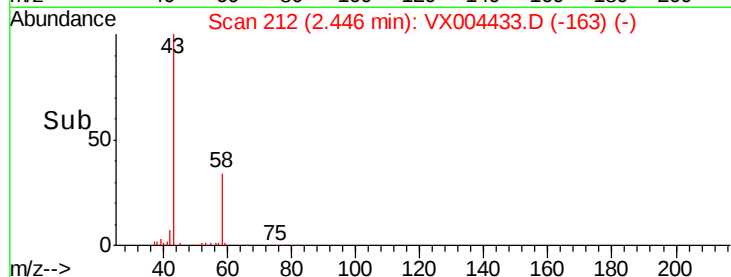
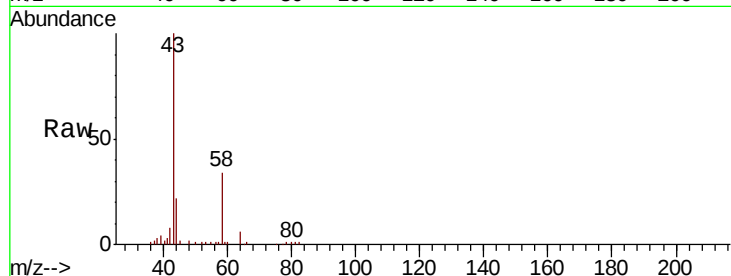
SU-03-090618-B

Tot Ion: 43 Resp: 23311

Ion Ratio Lower Upper

43 100

58 34.4 26.2 39.4



#17

Carbon Disulfide

Concen: 0.89 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004433.D

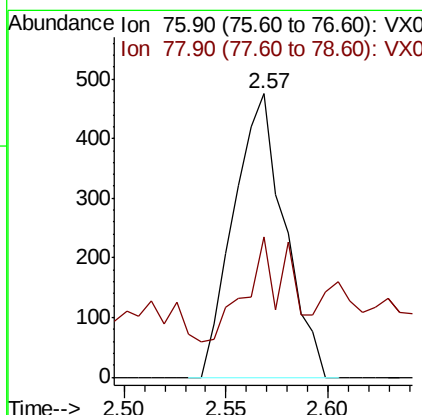
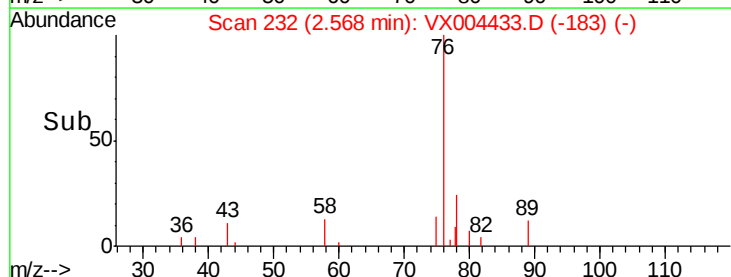
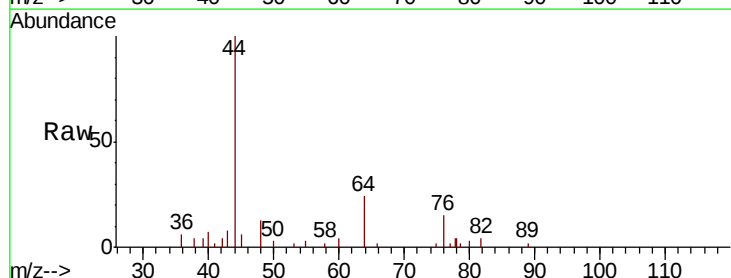
Acq: 08 Sep 2018 03:39

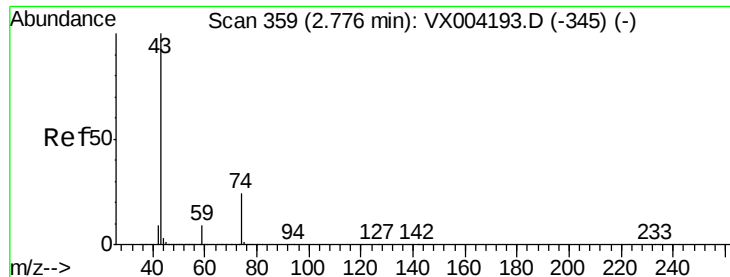
Tgt Ion: 76 Resp: 820

Ion Ratio Lower Upper

76 100

78 34.5 7.0 10.6#

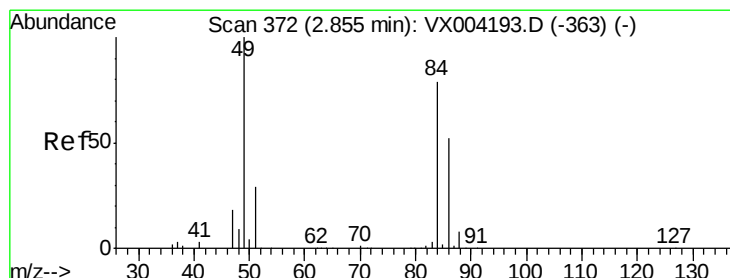
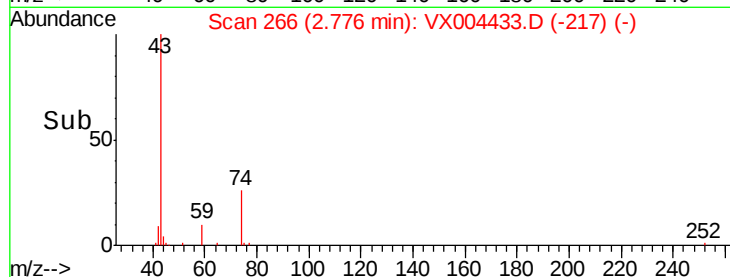
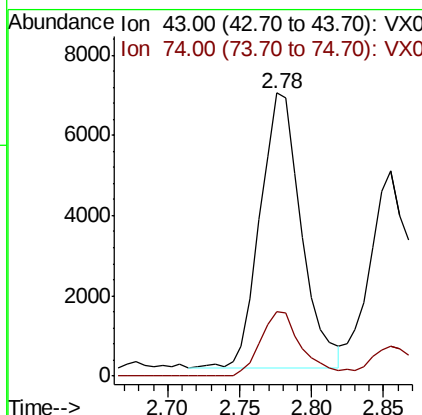
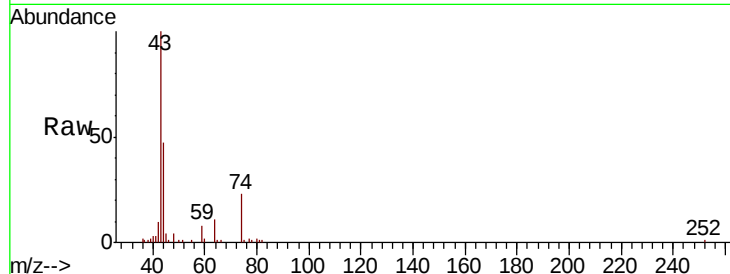




#18
Methvl Acetate
Concen: 2.36 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

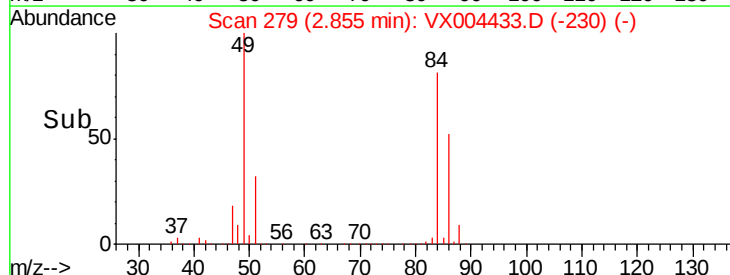
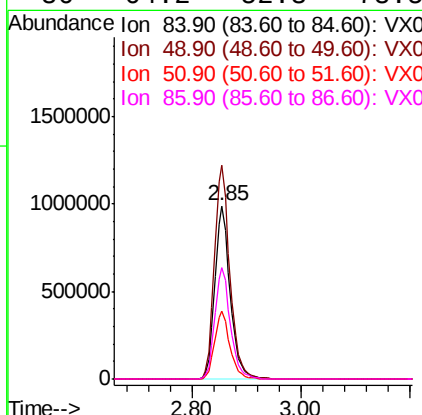
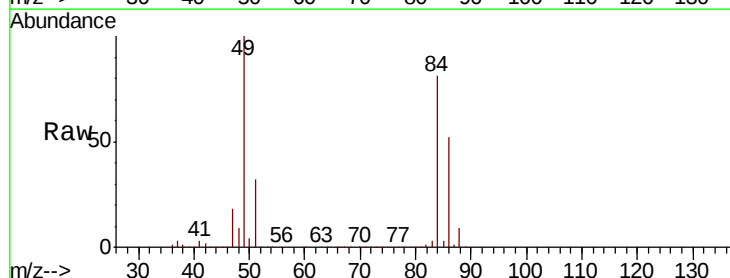
Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

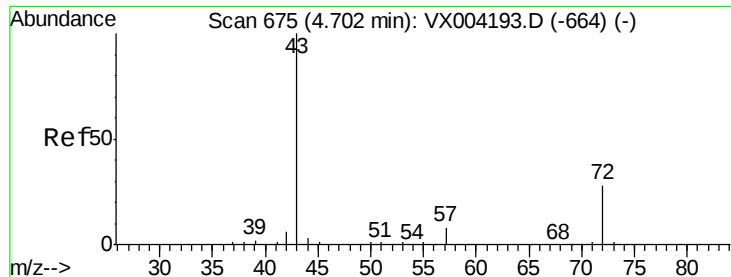
Tot Ion: 43 Resp: 13658
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



#20
Methylene Chloride
Concen: 513.87 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 84 Resp: 1932004
Ion Ratio Lower Upper
84 100
49 123.6 101.2 151.8
51 39.2 29.5 44.3
86 64.2 52.3 78.5





#25

2-Butanone

Concen: Below Cal

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

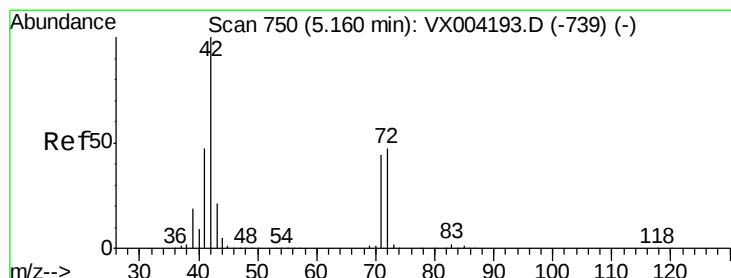
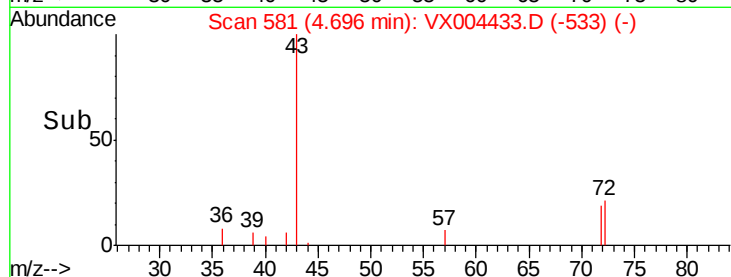
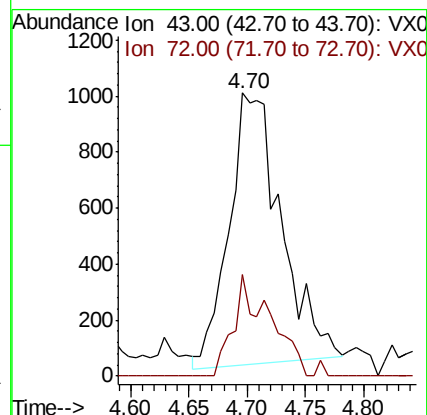
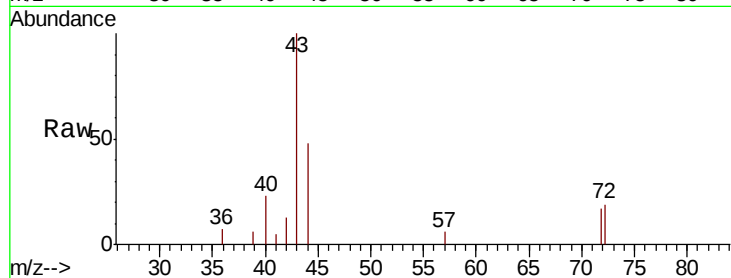
SU-03-090618-B

Tot Ion: 43 Resp: 3006

Ion Ratio Lower Upper

43 100

72 38.7 22.0 33.0#



#29

Tetrahydrofuran

Concen: 0.87 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

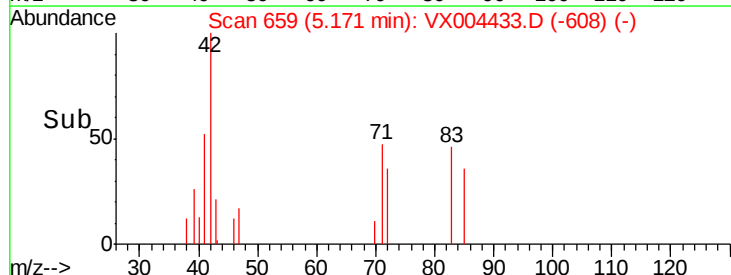
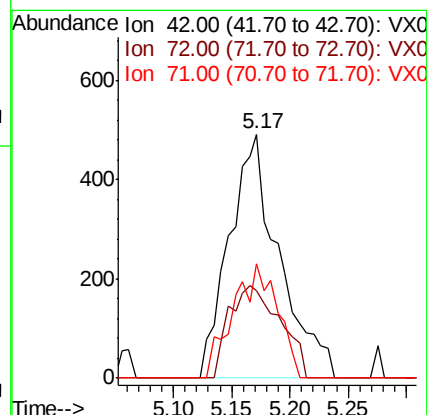
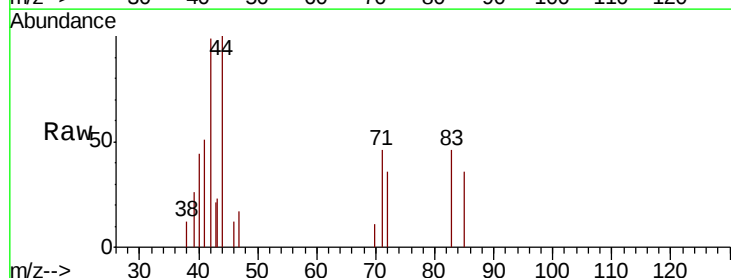
Tgt Ion: 42 Resp: 1454

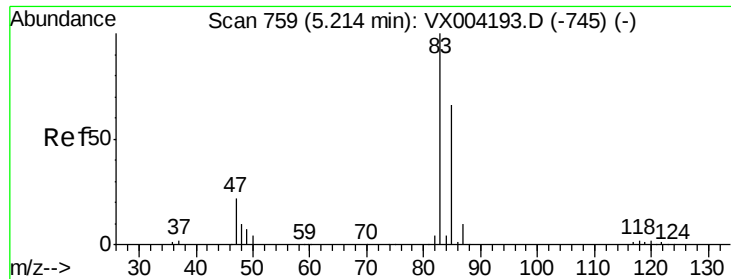
Ion Ratio Lower Upper

42 100

72 38.9 37.4 56.0

71 41.8 34.5 51.7

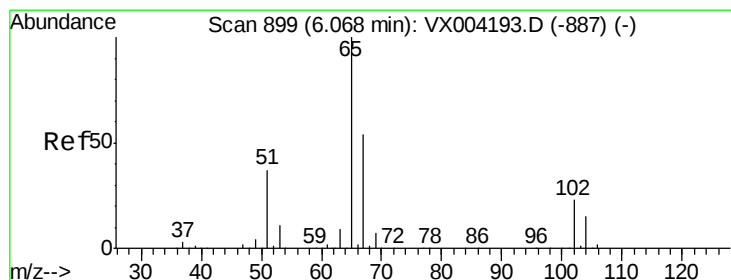
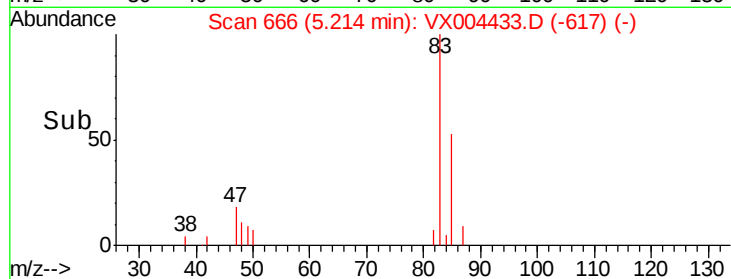
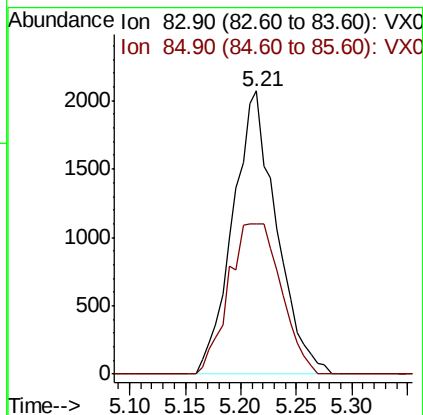
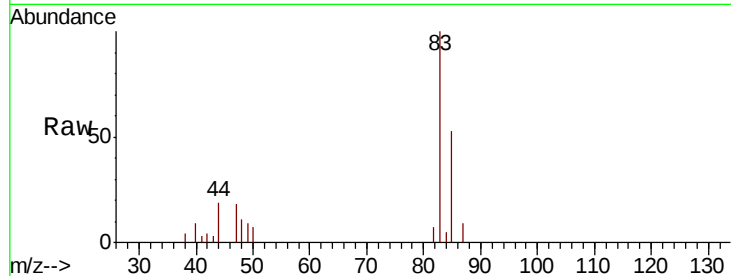




#30
Chloroform
Concen: 0.89 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

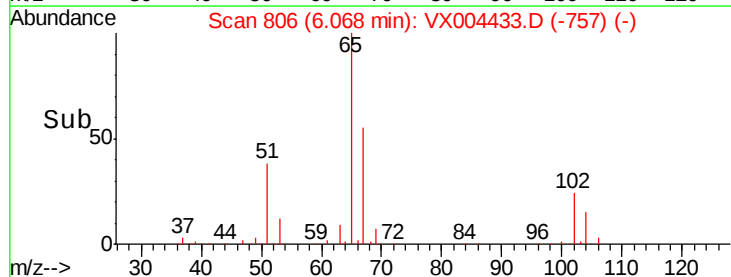
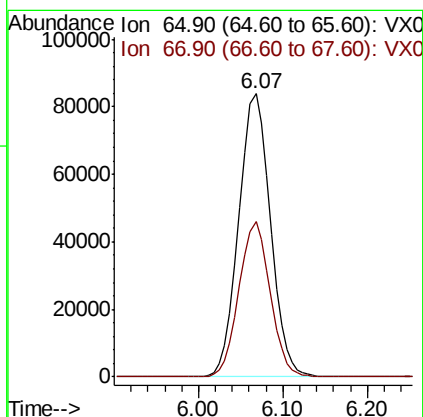
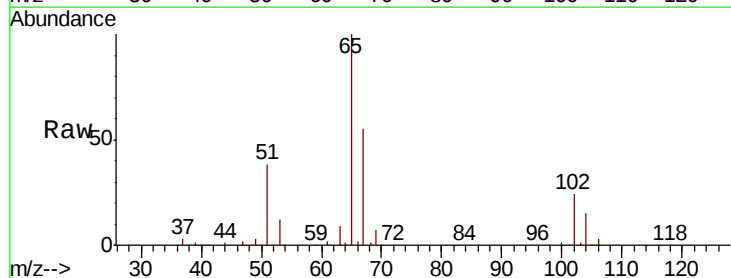
Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

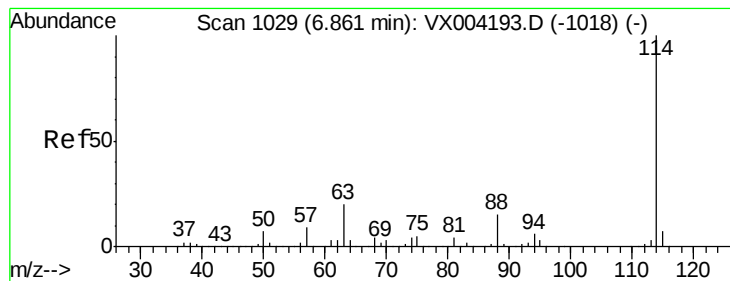
Tot Ion: 83 Resp: 5640
Ion Ratio Lower Upper
83 100
85 53.0 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.82 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 65 Resp: 214105
Ion Ratio Lower Upper
65 100
67 53.8 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: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

SU-03-090618-B

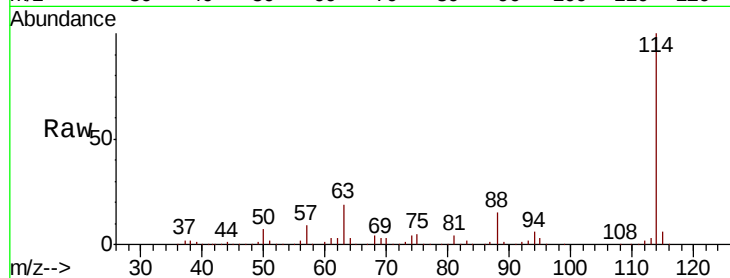
Tot Ion:114 Resp: 502085

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

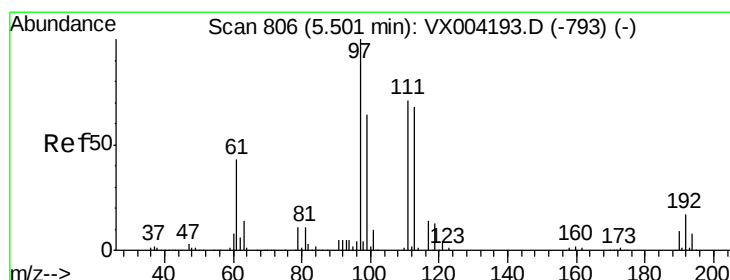
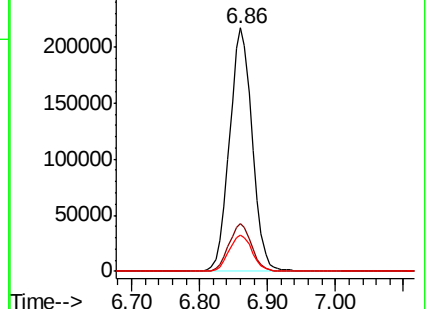
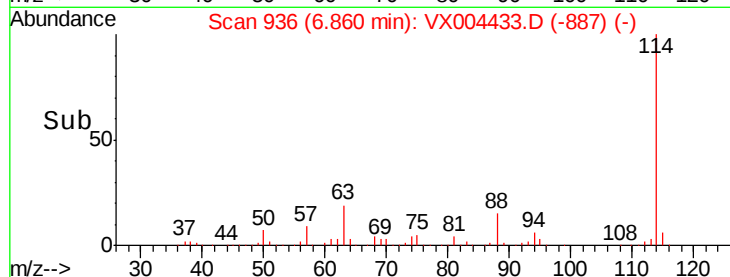
88 14.8 0.0 30.4



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: 50.58 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

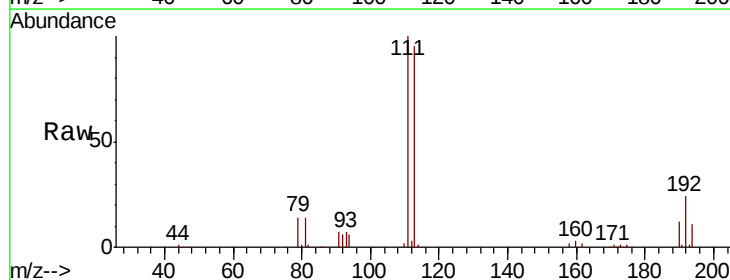
Tgt Ion:113 Resp: 188934

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

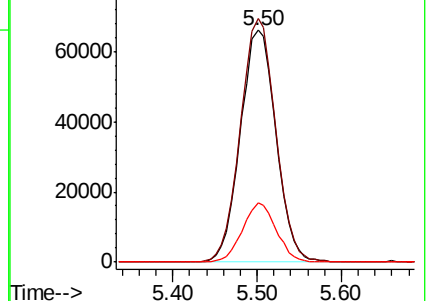
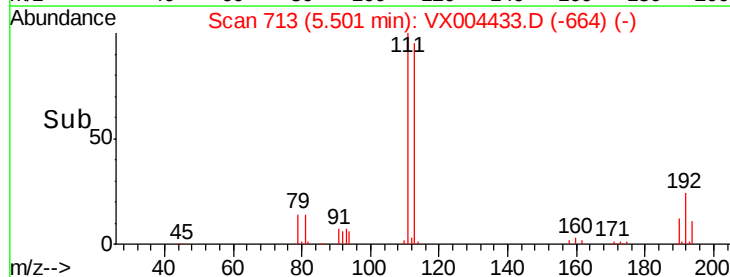
192 24.2 19.4 29.2

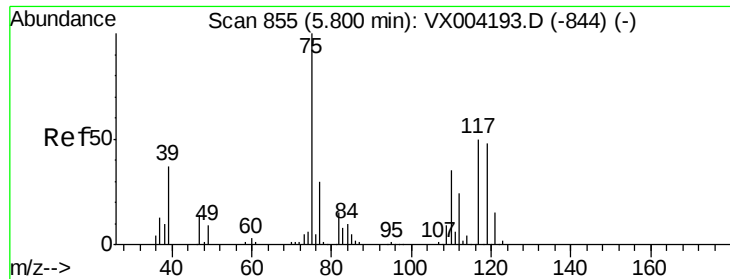


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.43 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

SU-03-090618-B

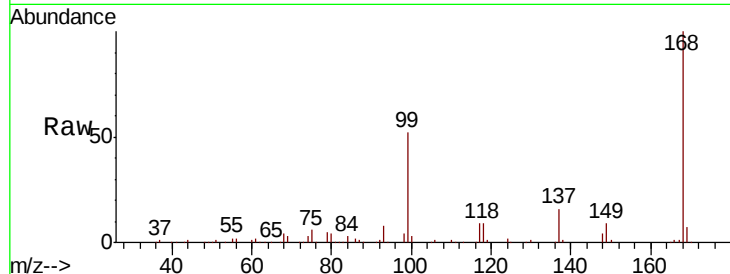
Tot Ion: 75 Resp: 19352

Ion Ratio Lower Upper

75 100

110 9.3 18.0 54.0#

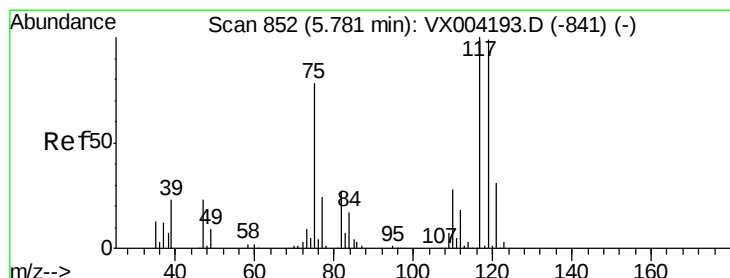
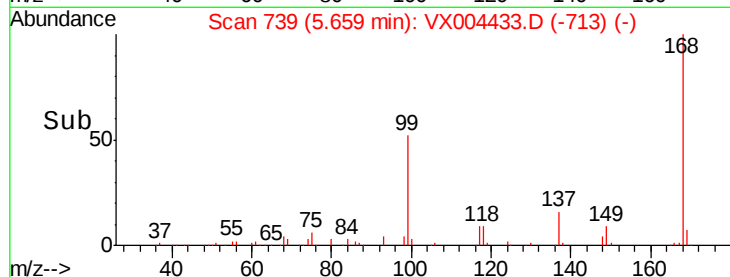
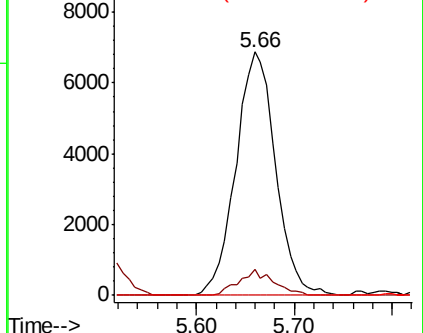
77 0.0 24.6 36.8#



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: 4.87 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

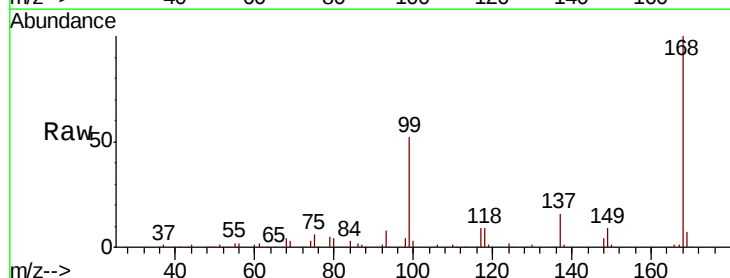
Tgt Ion: 117 Resp: 25882

Ion Ratio Lower Upper

117 100

119 6.7 78.8 118.2#

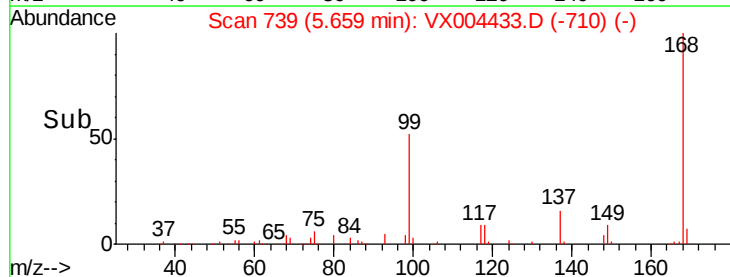
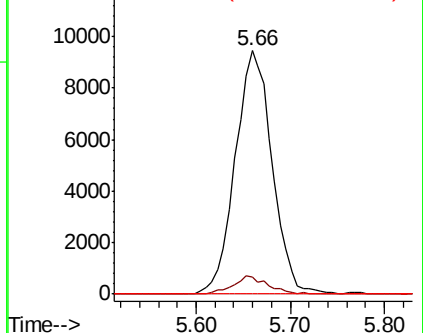
121 0.0 24.9 37.3#

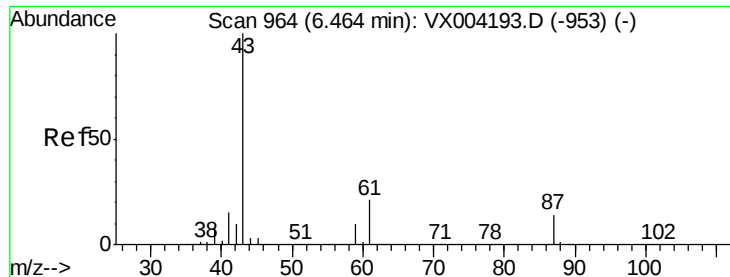


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



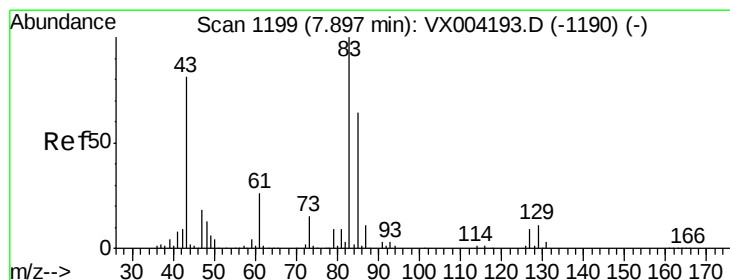
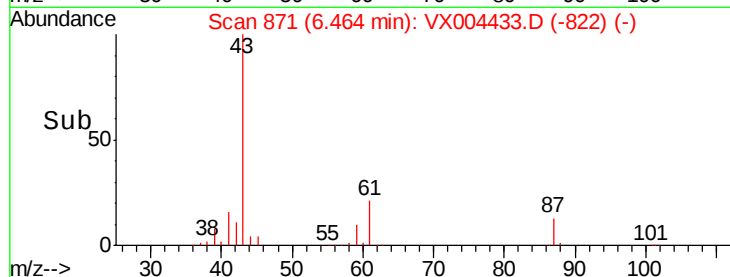
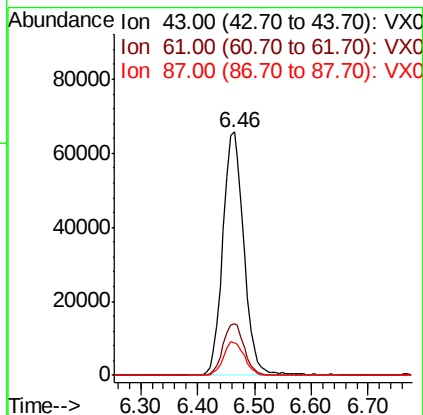
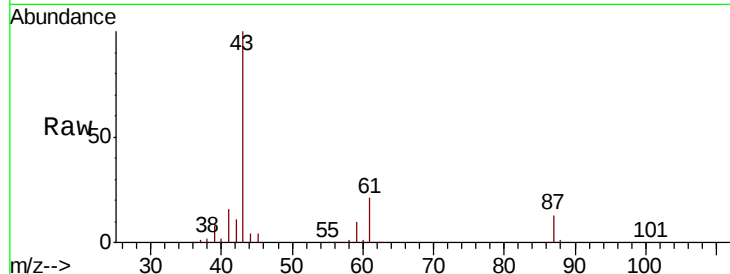


#43

Isopropyl Acetate
 Concen: 19.86 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004433.D
 Acq: 08 Sep 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-090618-B

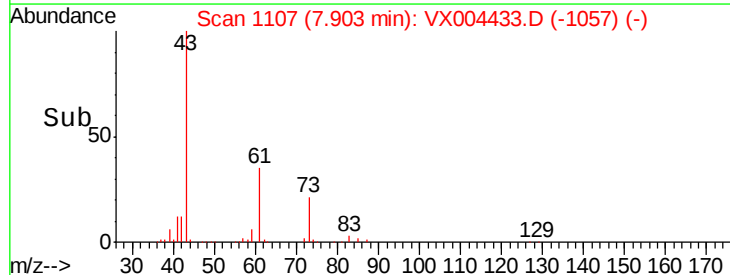
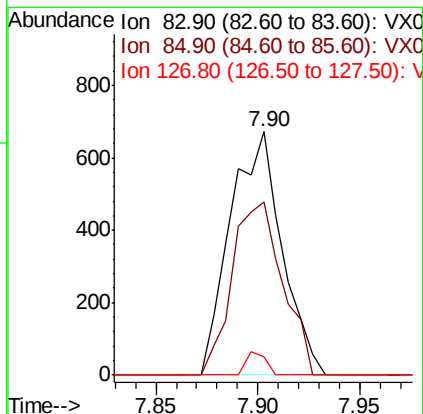
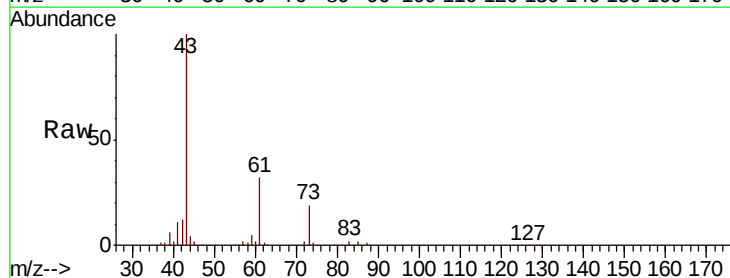
Tot Ion: 43 Resp: 169381
 Ion Ratio Lower Upper
 43 100
 61 21.3 17.0 25.4
 87 13.7 11.4 17.2

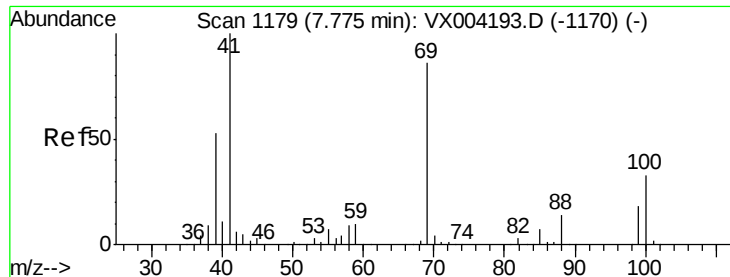


#47

Bromodichloromethane
 Concen: 0.23 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VX004433.D
 Acq: 08 Sep 2018 03:39

Tgt Ion: 83 Resp: 1184
 Ion Ratio Lower Upper
 83 100
 85 71.0 50.9 76.3
 127 7.6 7.3 10.9





#48

Methvl methacrylate

Concen: 1.88 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

SU-03-090618-B

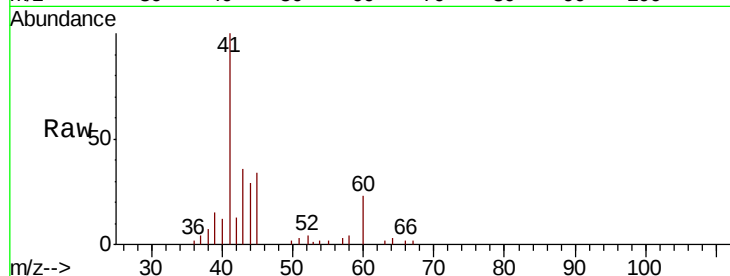
Tot Ion: 41 Resp: 8588

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

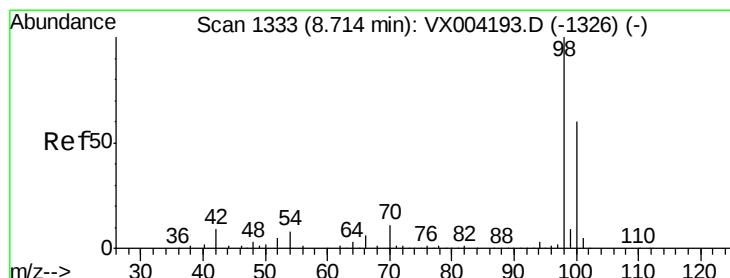
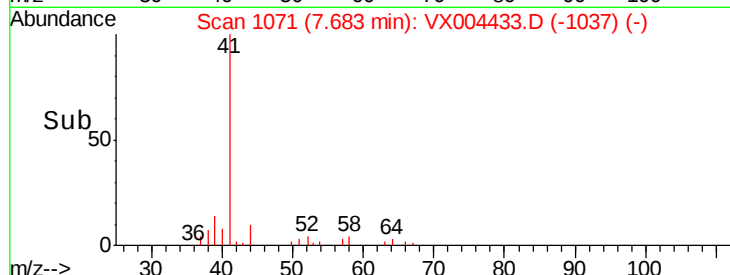
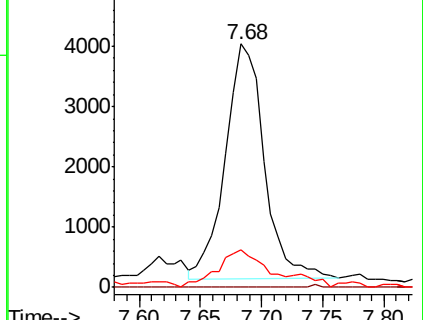
39 19.0 42.7 64.1#



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: 51.69 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004433.D

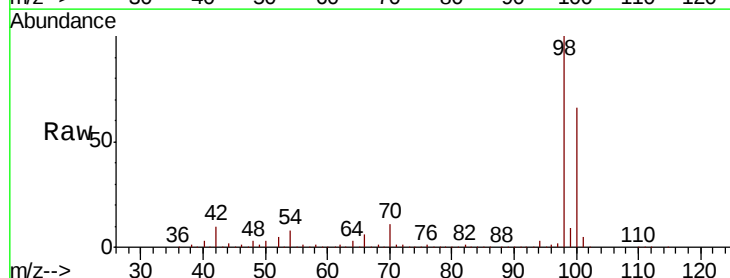
Acq: 08 Sep 2018 03:39

Tgt Ion: 98 Resp: 728785

Ion Ratio Lower Upper

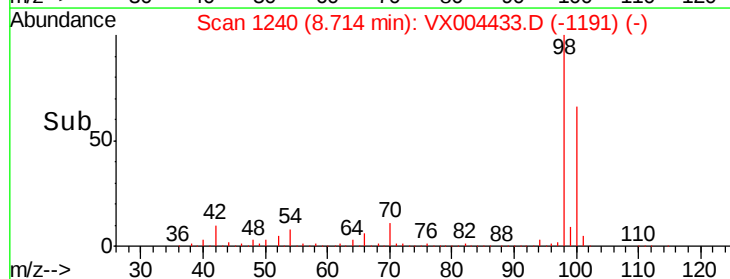
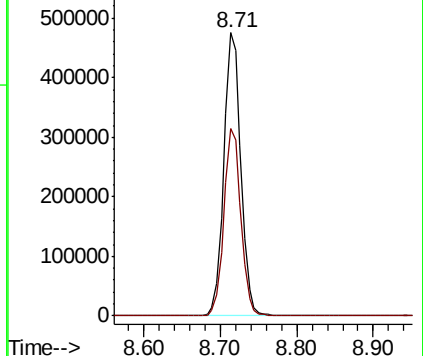
98 100

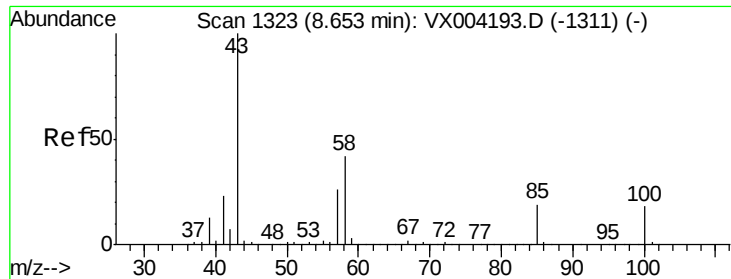
100 65.8 52.9 79.3



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: 0.43 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampled :

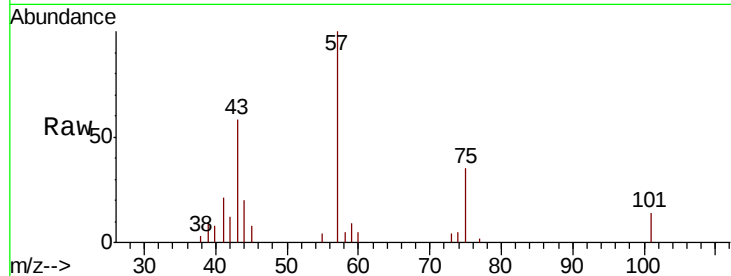
SU-03-090618-B

Tot Ion: 43 Resp: 2660

Ion Ratio Lower Upper

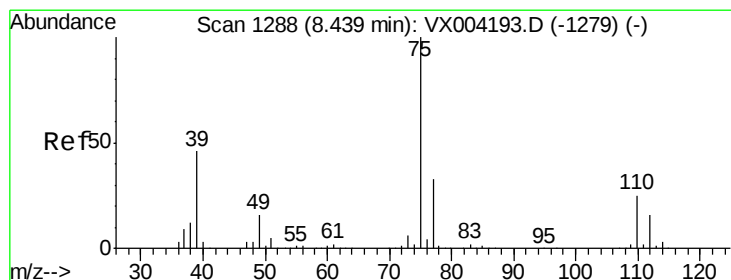
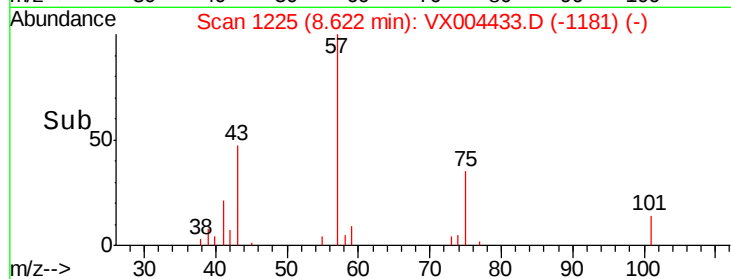
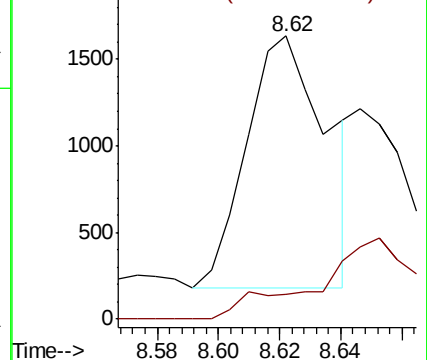
43 100

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



#54

cis-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

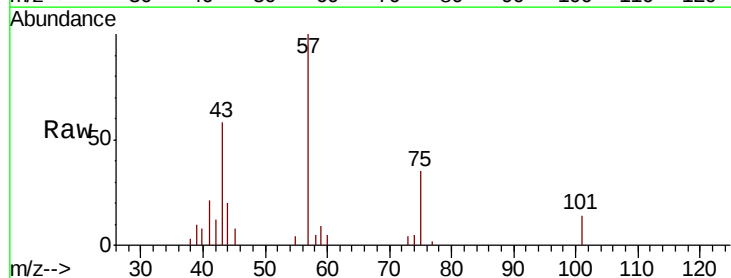
Tgt Ion: 75 Resp: 1315

Ion Ratio Lower Upper

75 100

77 5.1 26.2 39.2#

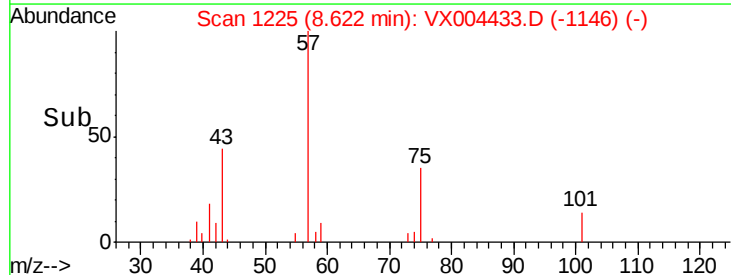
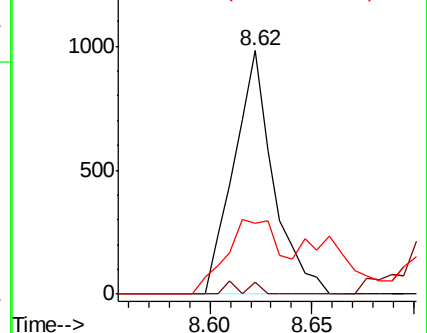
39 29.3 36.4 54.6#

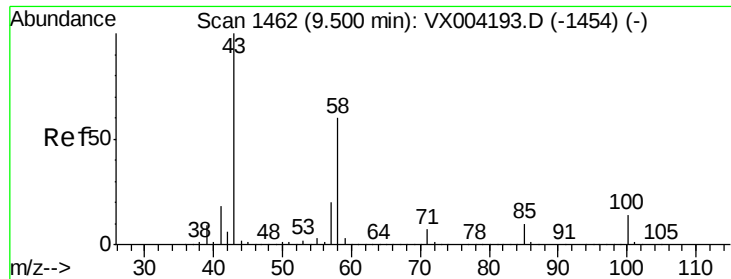


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

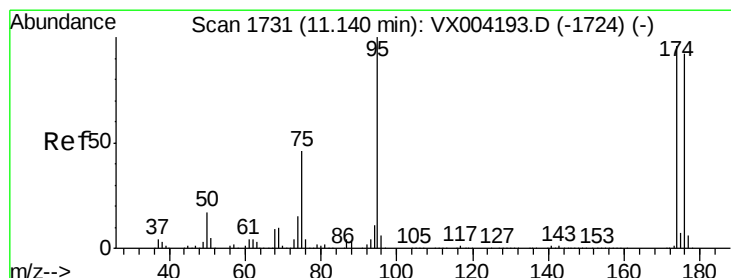
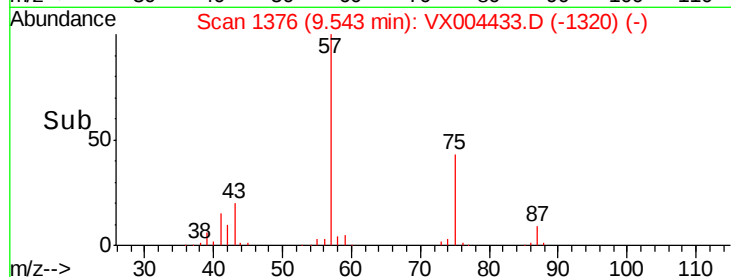
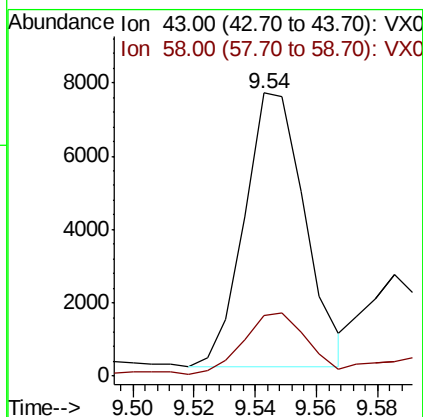
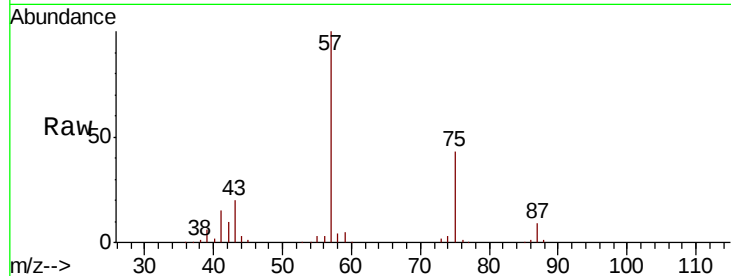




#59
2-Hexanone
Concen: 2.17 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

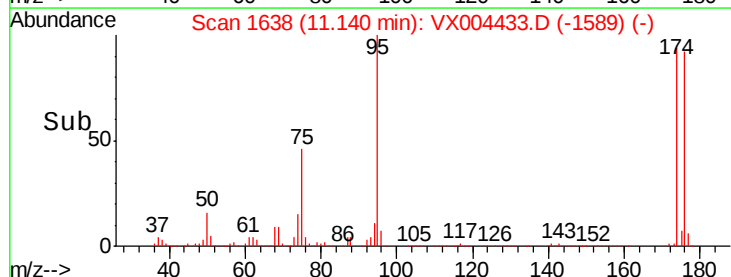
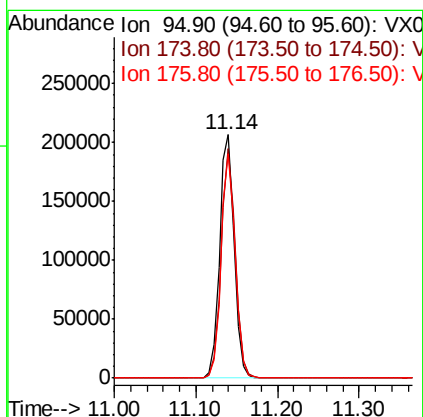
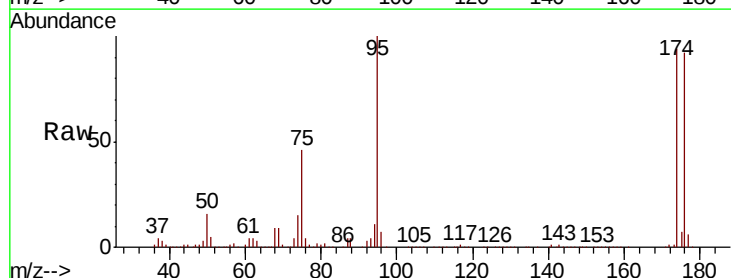
Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

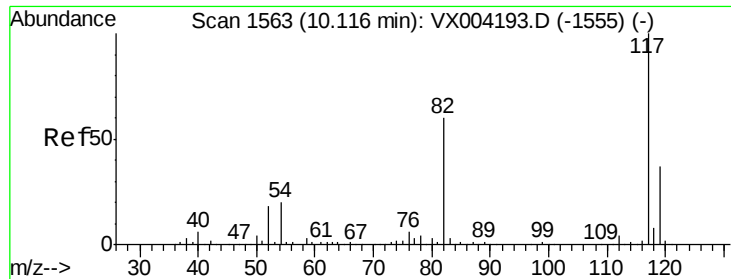
Tot Ion: 43 Resp: 10241
Ion Ratio Lower Upper
43 100
58 26.2 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 49.29 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 95 Resp: 259278
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.2
176 89.6 0.0 178.6

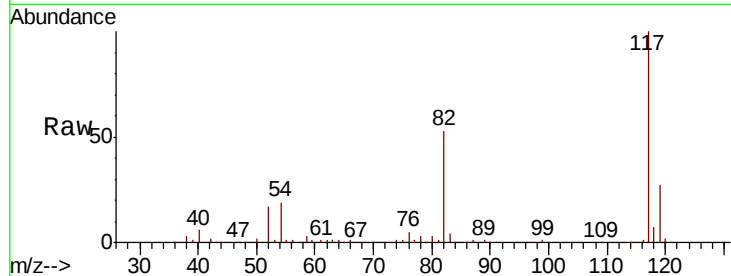




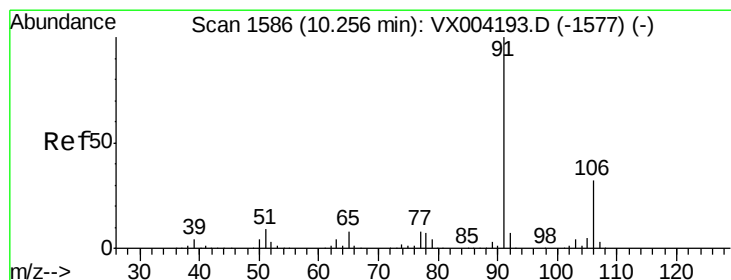
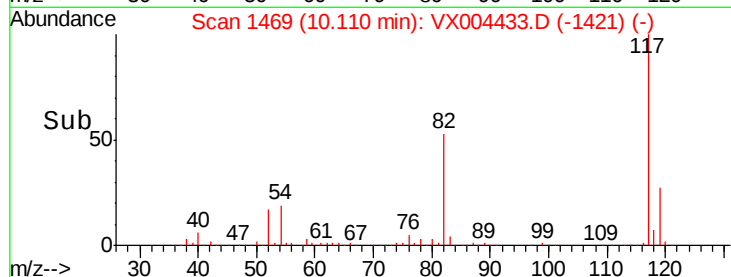
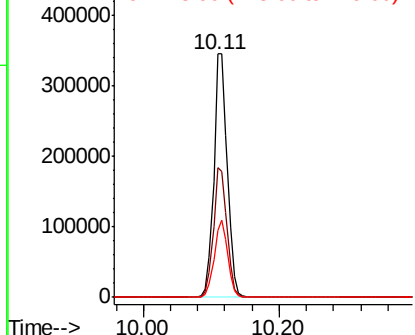
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tot Ion:117 Resp: 475381
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 27.4 29.3 43.9#

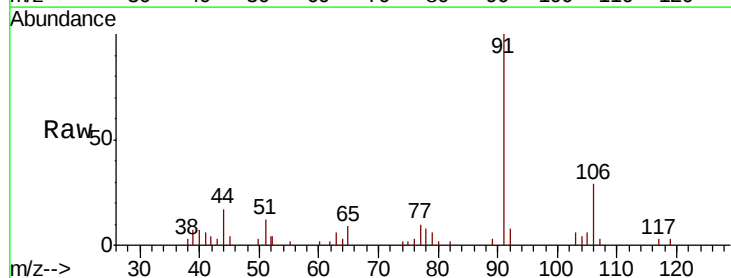


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

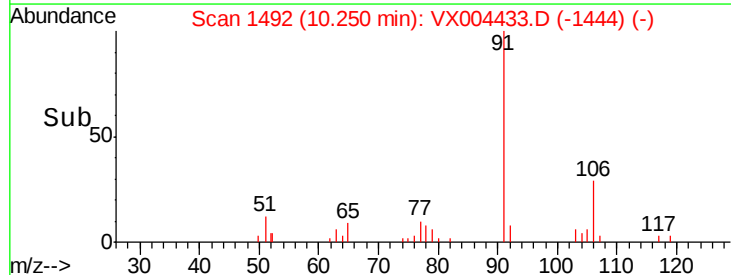
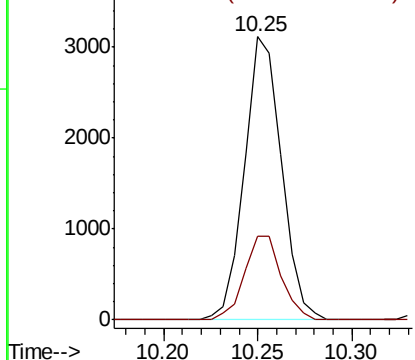


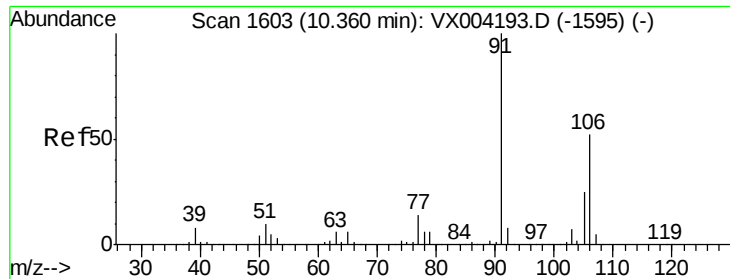
#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 91 Resp: 4250
Ion Ratio Lower Upper
91 100
106 29.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

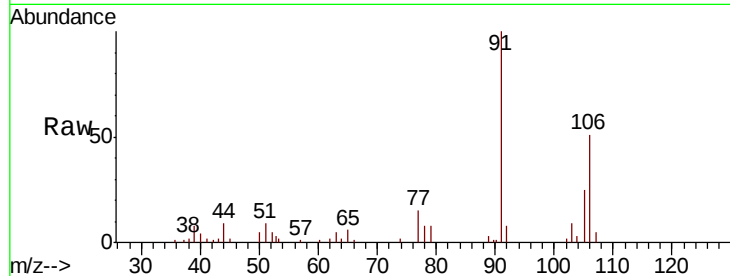




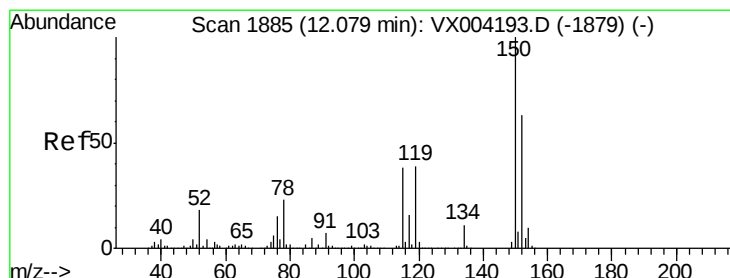
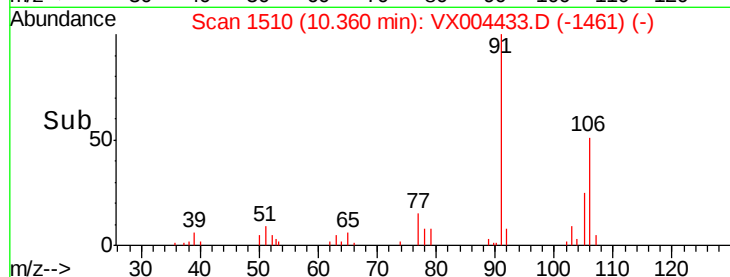
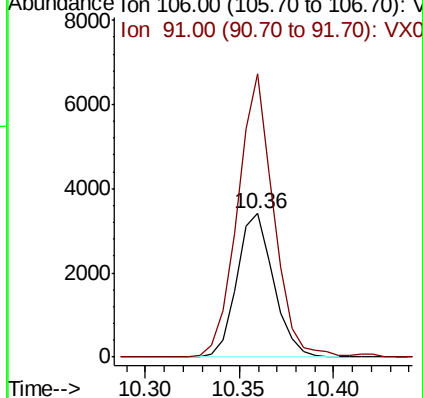
#68
m/p-Xvlenes
Concen: 0.60 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tot Ion:106 Resp: 4582
Ion Ratio Lower Upper
106 100
91 194.9 157.1 235.7

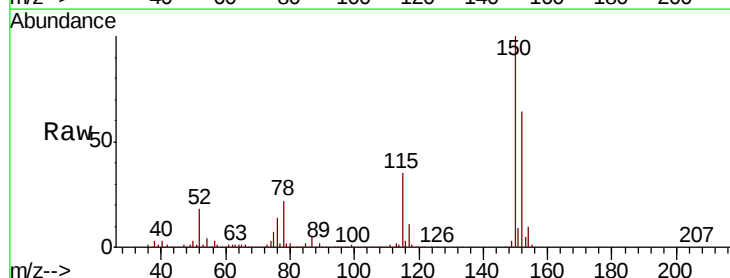


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

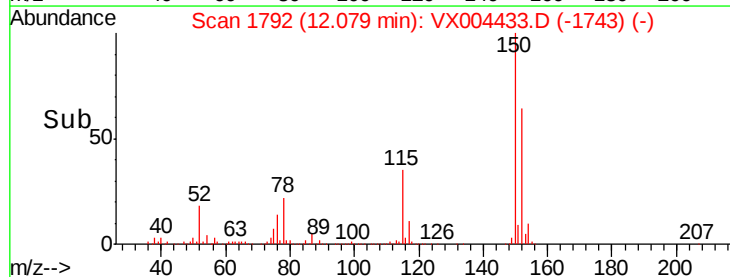
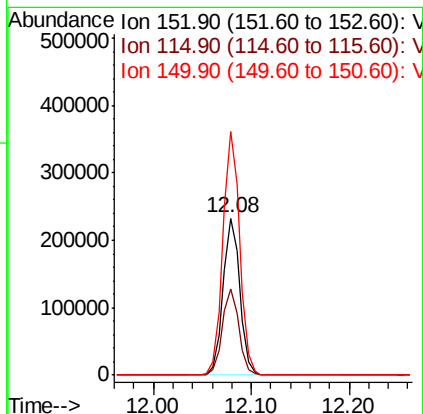


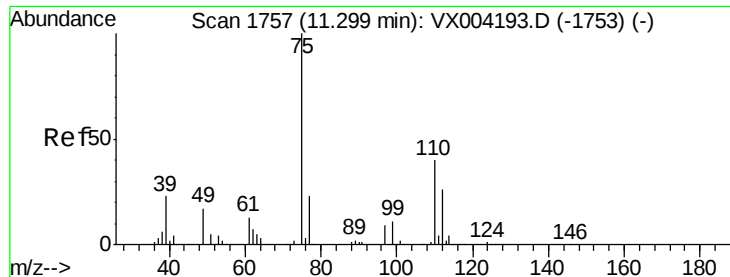
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion:152 Resp: 276259
Ion Ratio Lower Upper
152 100
115 54.3 39.0 117.0
150 155.6 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: 21.65 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

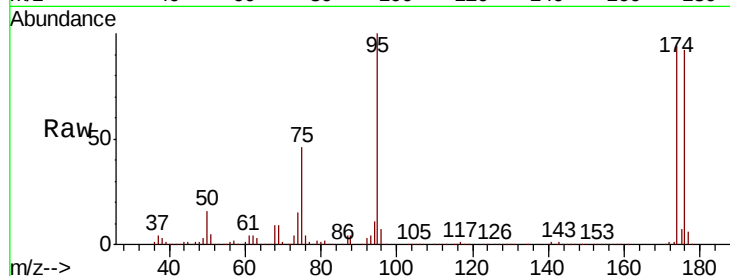
SU-03-090618-B

Tot Ion: 75 Resp: 121635

Ion Ratio Lower Upper

75 100

77 1.5 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX004433.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX004433.D (-1615) (-)

11.14

100000

80000

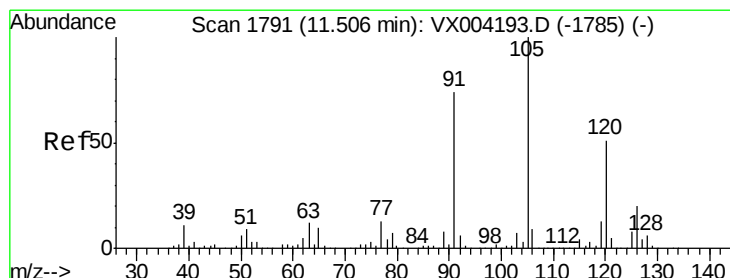
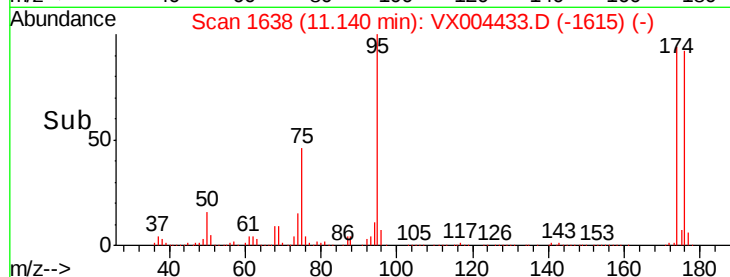
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004433.D

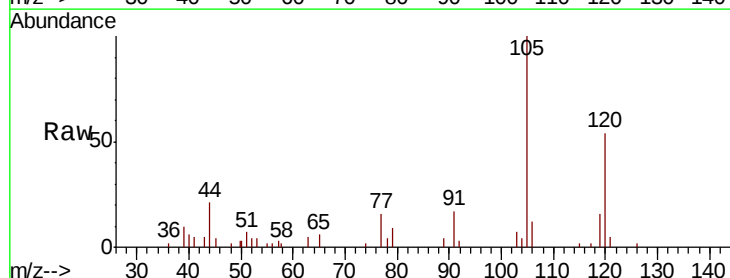
Acq: 08 Sep 2018 03:39

Tgt Ion: 105 Resp: 3775

Ion Ratio Lower Upper

105 100

120 52.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004433.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX004433.D (-1649) (-)

11.51

3000

2500

2000

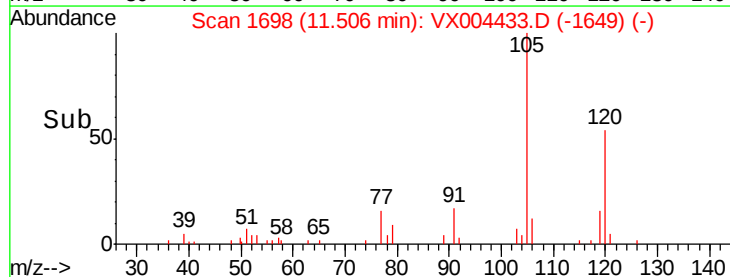
1500

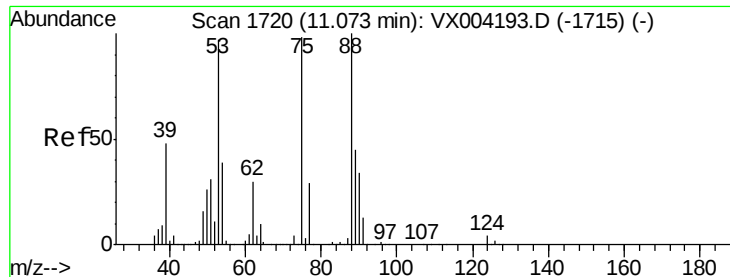
1000

500

0

Time--> 11.45 11.50 11.55





#81

trans-1,4-Dichloro-2-butene

Concen: 70.24 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX004433.D

Acq: 08 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

SU-03-090618-B

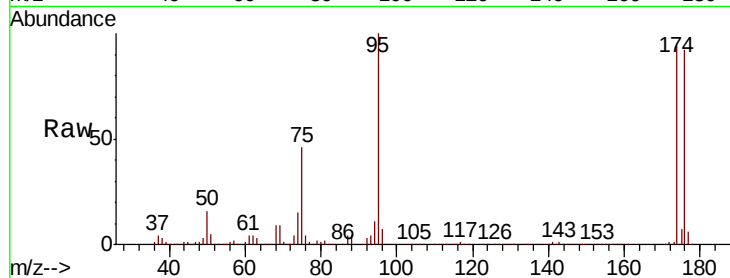
Tot Ion: 75 Resp: 121635

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

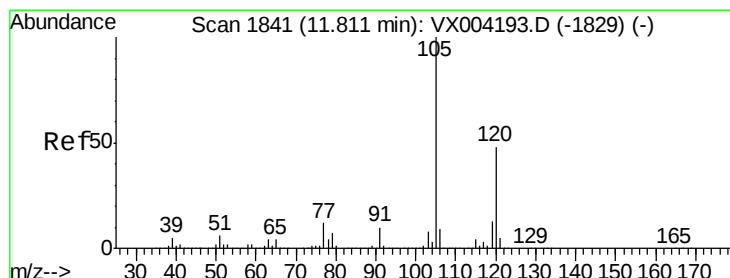
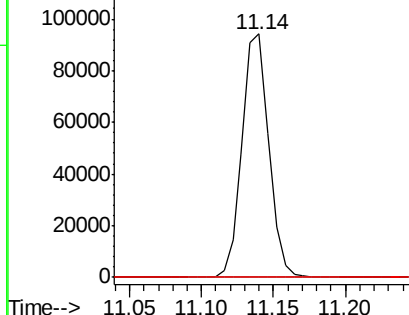
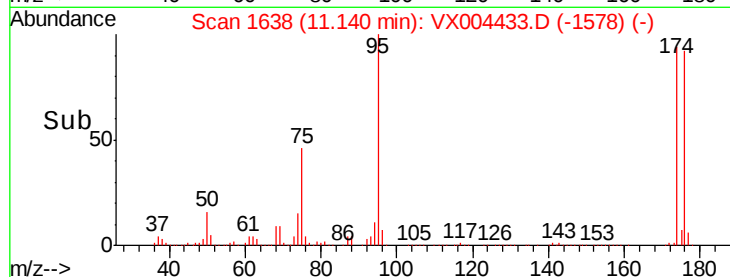
89 0.0 37.2 55.8#



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: 0.79 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004433.D

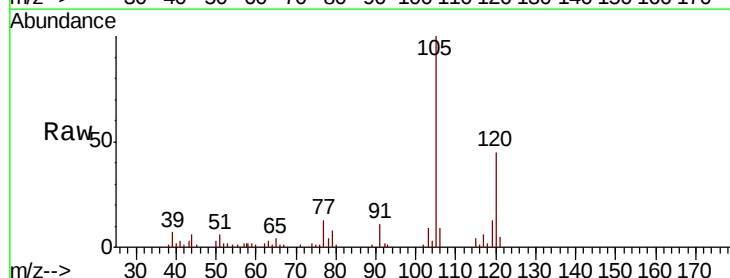
Acq: 08 Sep 2018 03:39

Tgt Ion: 105 Resp: 12125

Ion Ratio Lower Upper

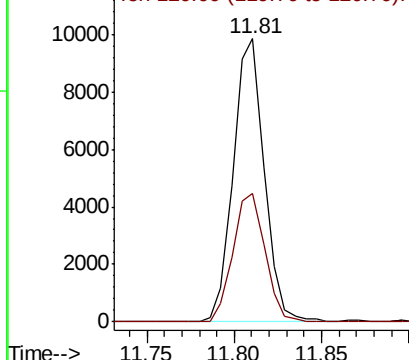
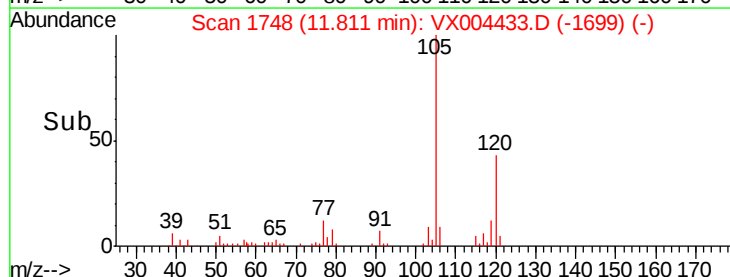
105 100

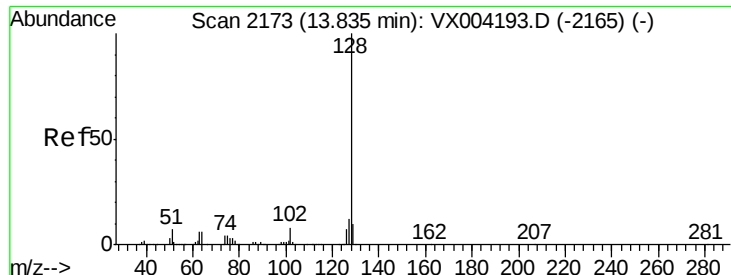
120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 0.61 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.2
129	11.0	8.6	12.8

