

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004003.D
 Acq On : 13 Aug 2018 16:34
 Operator : JC/MD
 Sample : J4447-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-8

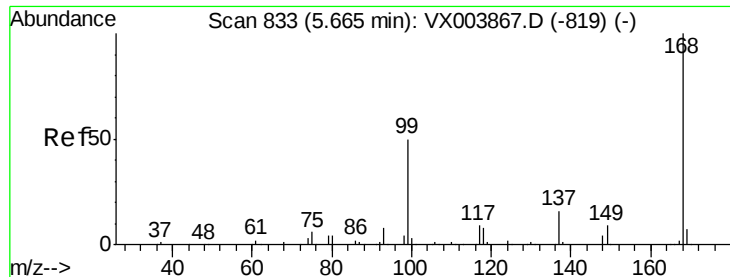
Quant Time: Aug 14 03:09:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	506075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	460670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	224715	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	
35) Dibromofluoromethane	5.51	113	180825	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
50) Toluene-d8	8.72	98	724107	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.14	95	238739	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1038	0.39	ug/l	97
6) Chloroethane	1.61	64	10596	4.00	ug/l #	58
11) Tert butyl alcohol	3.04	59	785	0.82	ug/l #	73
13) Acrolein	2.29	56	106	0.20	ug/l #	1
14) Allyl chloride	2.86	41	14758	2.37	ug/l #	30
16) Acetone	2.43	43	20711	8.71	ug/l	94
18) Methyl Acetate	2.77	43	6280	1.21	ug/l	98
20) Methylene Chloride	2.86	84	357263	61.99	ug/l	99
25) 2-Butanone	4.69	43	4013	1.12	ug/l #	87
29) Tetrahydrofuran	5.17	42	1588	0.86	ug/l	96
30) Chloroform	5.21	83	7334	1.14	ug/l	100
31) Cyclohexane	5.59	56	1633	0.28	ug/l #	79
36) 1,1-Dichloropropene	5.67	75	20769	3.66	ug/l #	49
38) Carbon Tetrachloride	5.67	117	27145	5.03	ug/l #	14
39) Methylcyclohexane	7.46	83	1685	0.25	ug/l #	82
43) Isopropyl Acetate	6.46	43	166308	17.72	ug/l	99
47) Bromodichloromethane	7.90	83	1882	0.35	ug/l #	88
48) Methyl methacrylate	7.88	41	16155	3.39	ug/l #	41
51) 4-Methyl-2-Pentanone	8.62	43	4109	0.53	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	1488	0.23	ug/l #	66
67) Ethyl Benzene	10.26	91	4467	0.23	ug/l	99
68) m/p-Xylenes	10.36	106	5218	0.68	ug/l	96
74) N-amyl acetate	6.46	43	166308	17.69	ug/l #	100
76) 1,2,3-Trichloropropane	11.14	75	117481	21.77	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	117481	66.33	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	3479	0.23	ug/l	97
95) Naphthalene	13.83	128	66513	3.65	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

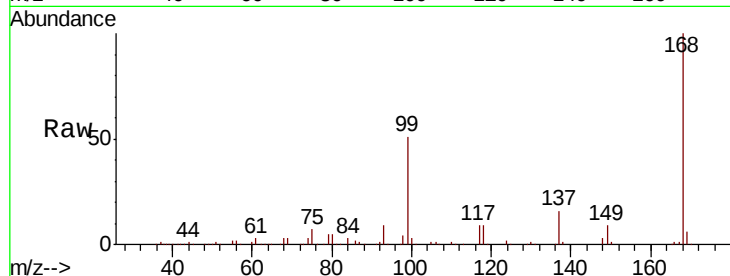
SP-1-8

Tot Ion:168 Resp: 301411

Ion Ratio Lower Upper

168 100

99 51.4 40.1 60.1



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

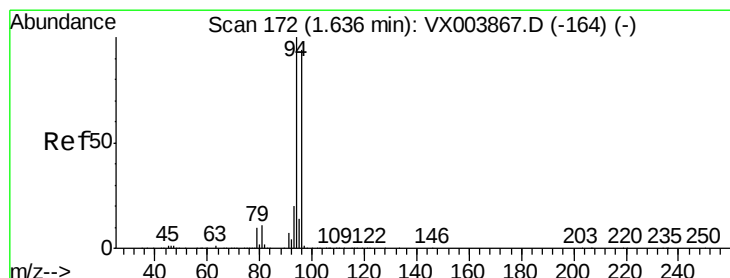
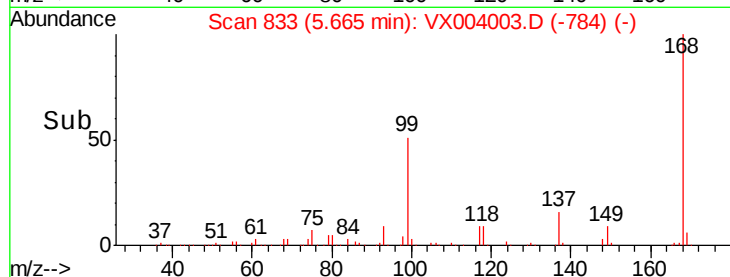
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.39 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004003.D

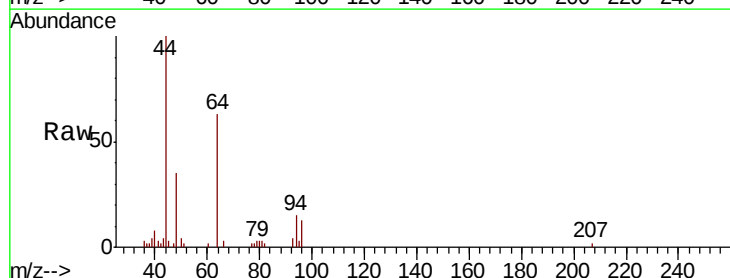
Acq: 13 Aug 2018 16:34

Tgt Ion: 94 Resp: 1038

Ion Ratio Lower Upper

94 100

96 91.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

300

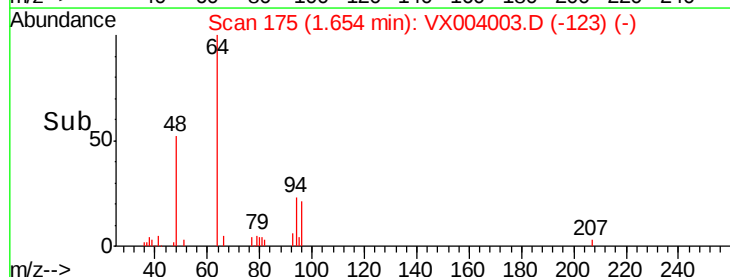
200

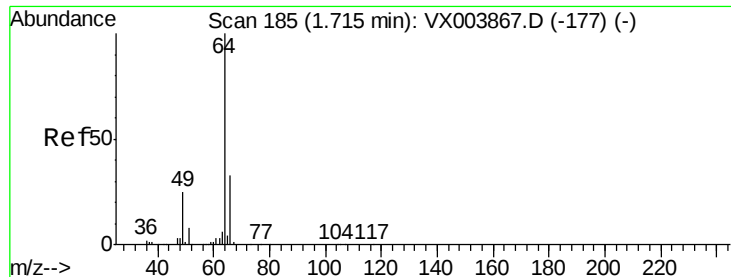
100

0

Time-->

1.60 1.65 1.70 1.75





#6

Chloroethane

Concen: 4.00 ug/l

RT: 1.61 min Scan# 167

Delta R.T. -0.11 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

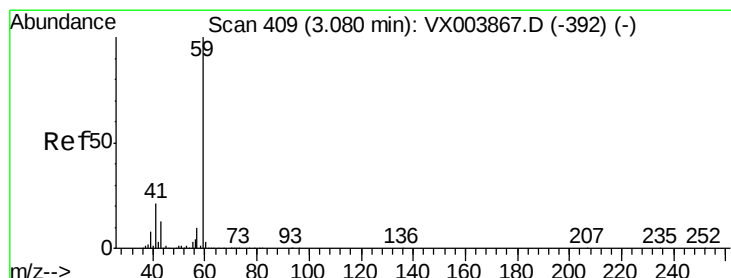
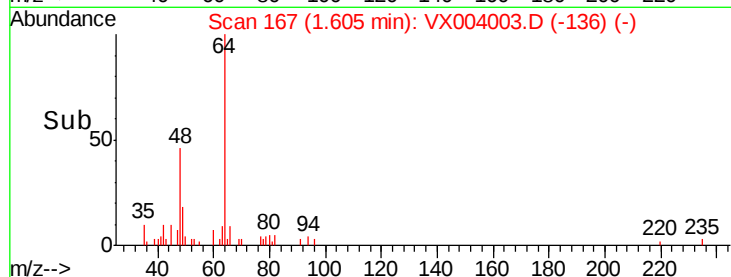
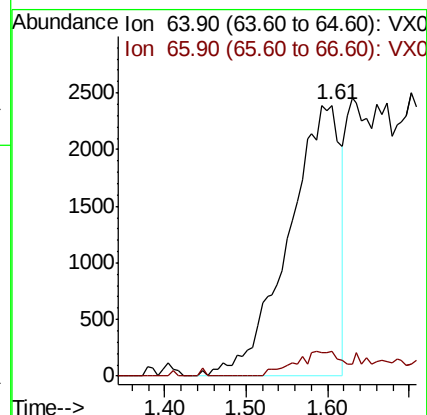
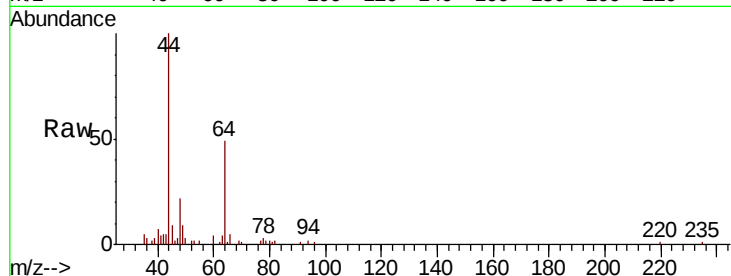
SP-1-8

Tot Ion: 64 Resp: 10596

Ion Ratio Lower Upper

64 100

66 9.2 26.5 39.7#



#11

Tert butyl alcohol

Concen: 0.82 ug/l

RT: 3.04 min Scan# 402

Delta R.T. -0.04 min

Lab File: VX004003.D

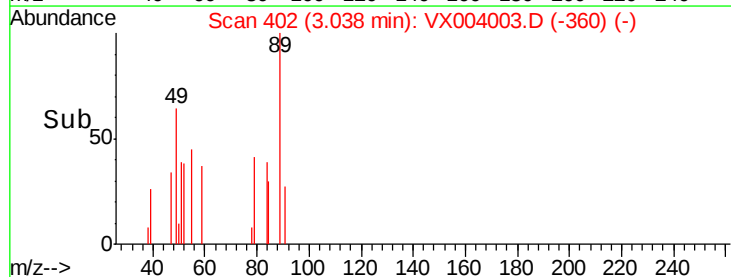
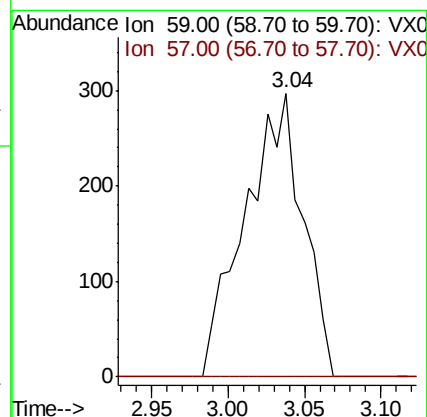
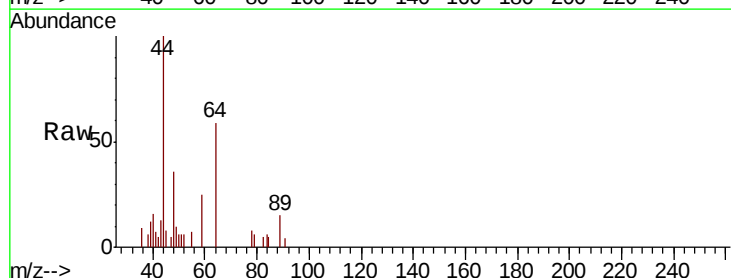
Acq: 13 Aug 2018 16:34

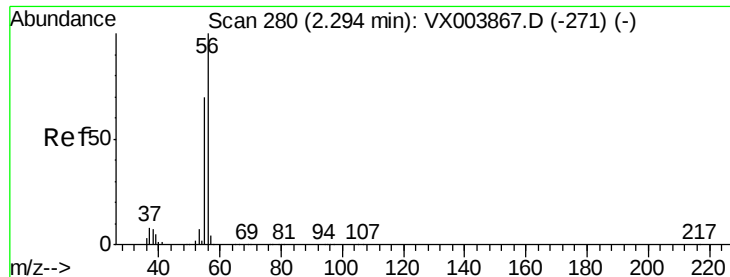
Tgt Ion: 59 Resp: 785

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.20 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

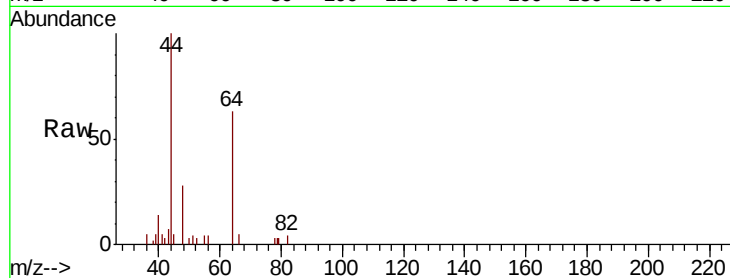
SP-1-8

Tot Ion: 56 Resp: 106

Ion Ratio Lower Upper

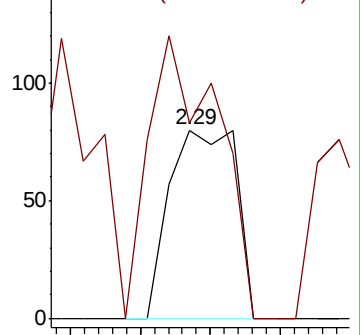
56 100

55 154.7 56.1 84.1#

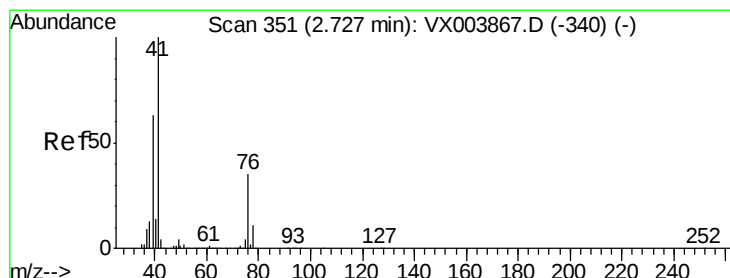
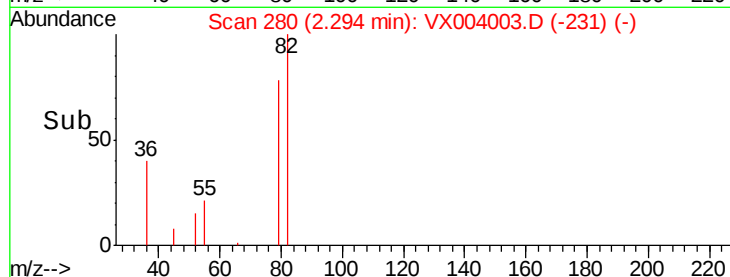


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 2.37 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.13 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

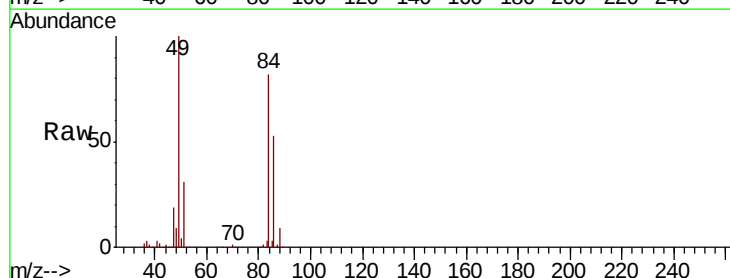
Tgt Ion: 41 Resp: 14758

Ion Ratio Lower Upper

41 100

39 1.3 47.4 71.0#

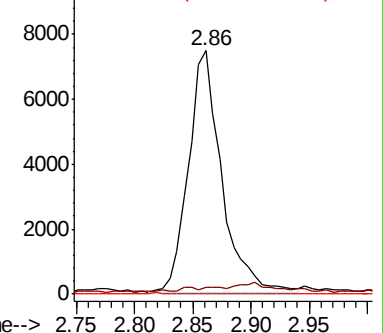
76 0.0 26.0 39.0#



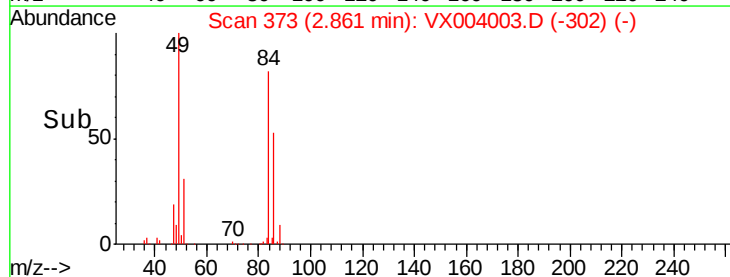
Abundance Ion 41.00 (40.70 to 41.70): VX0

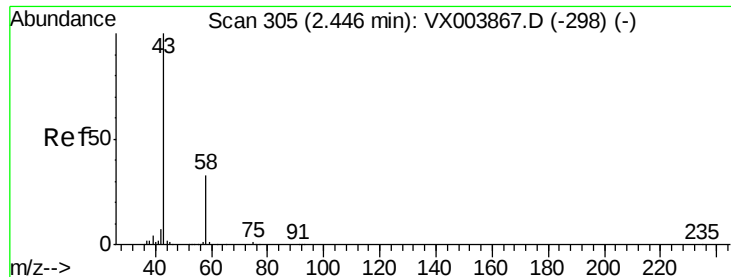
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#16

Acetone

Concen: 8.71 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

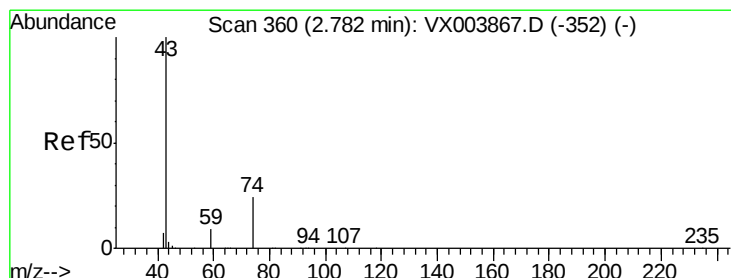
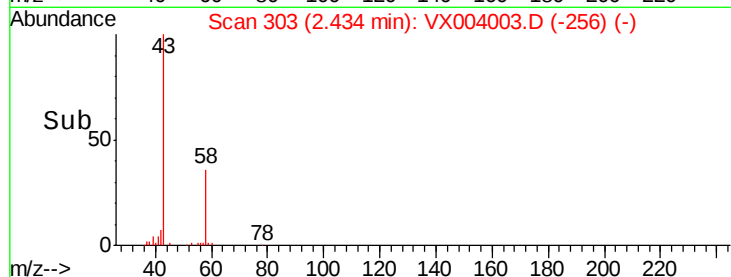
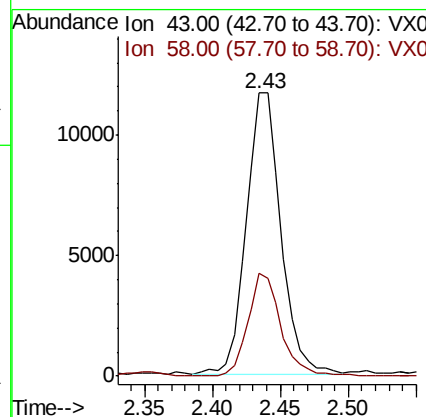
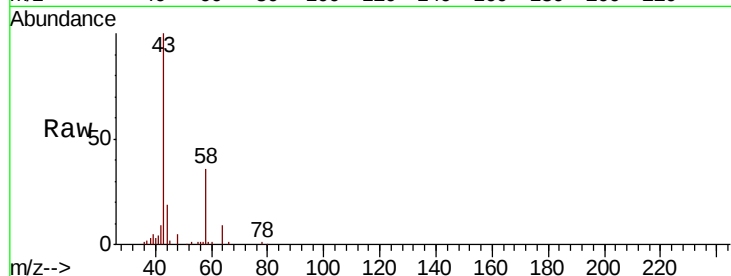
SP-1-8

Tot Ion: 43 Resp: 20711

Ion Ratio Lower Upper

43 100

58 36.5 26.4 39.6



#18

Methyl Acetate

Concen: 1.21 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.01 min

Lab File: VX004003.D

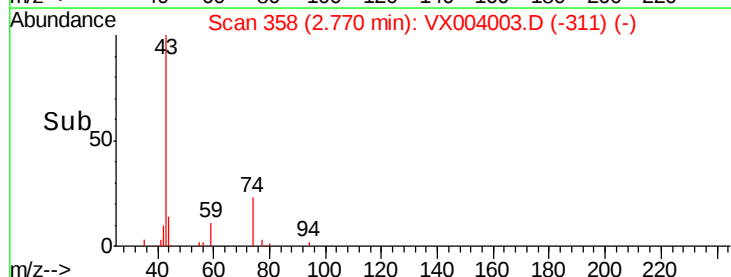
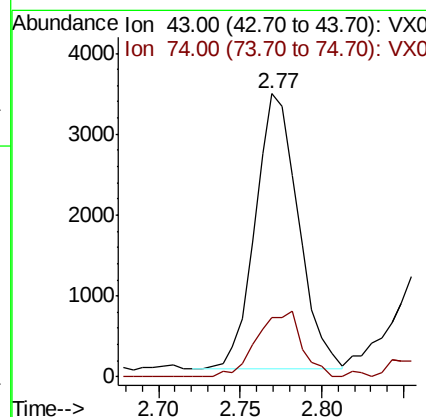
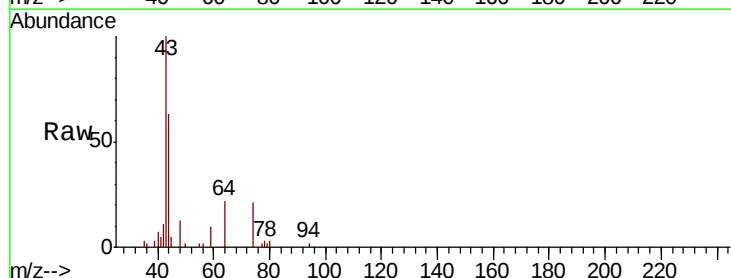
Acq: 13 Aug 2018 16:34

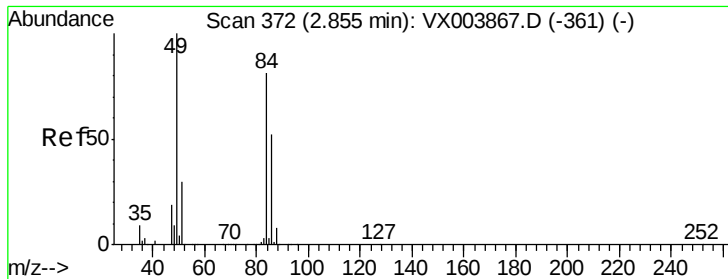
Tgt Ion: 43 Resp: 6280

Ion Ratio Lower Upper

43 100

74 24.5 18.9 28.3





#20

Methylene Chloride

Concen: 61.99 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

SP-1-8

Tot Ion: 84 Resp: 357263

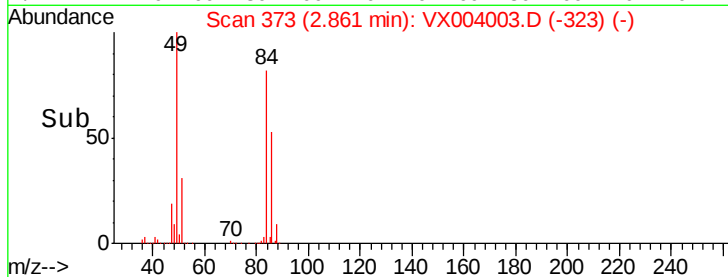
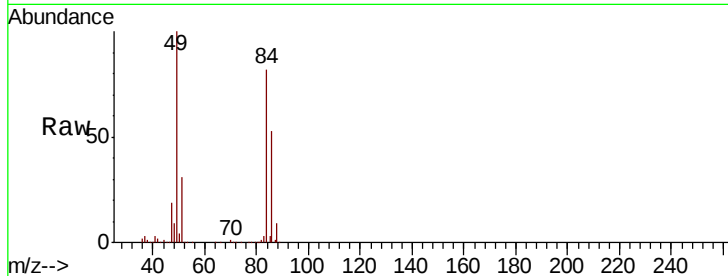
Ion Ratio Lower Upper

84 100

49 121.8 98.9 148.3

51 37.5 29.9 44.9

86 64.4 51.0 76.6

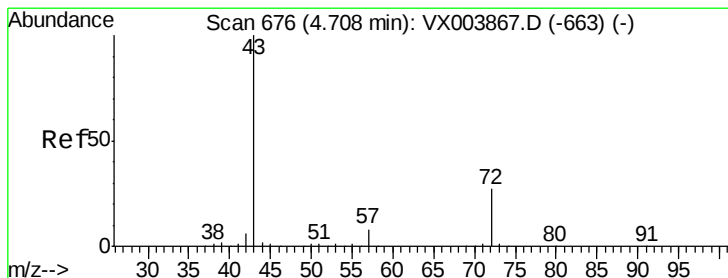
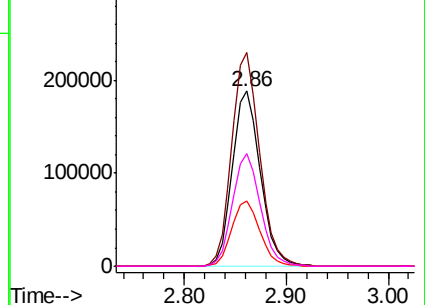


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 1.12 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.02 min

Lab File: VX004003.D

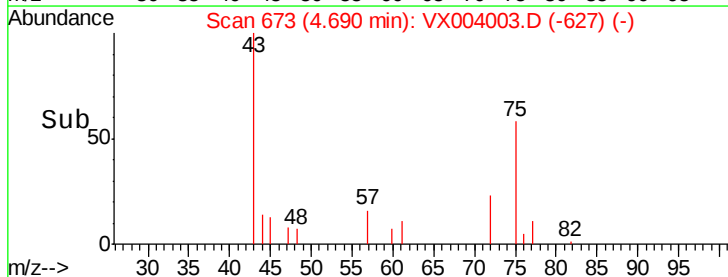
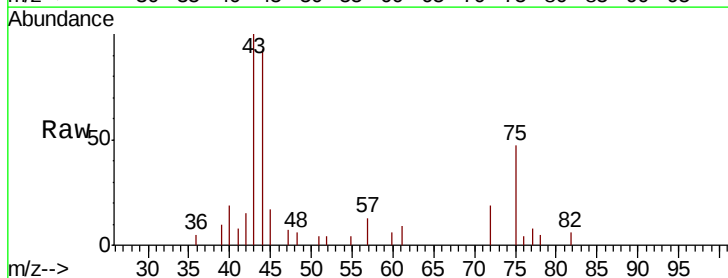
Acq: 13 Aug 2018 16:34

Tgt Ion: 43 Resp: 4013

Ion Ratio Lower Upper

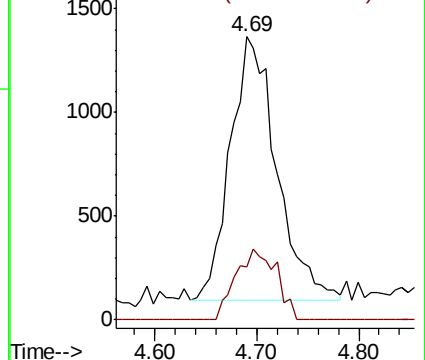
43 100

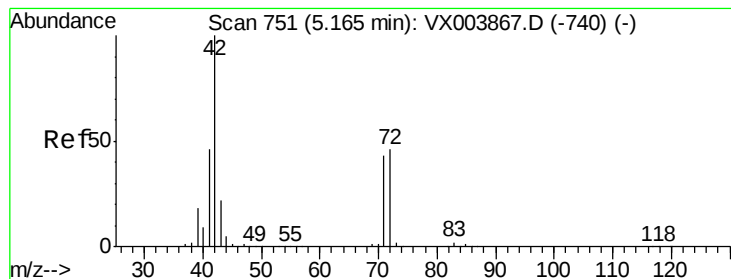
72 20.2 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.86 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

SP-1-8

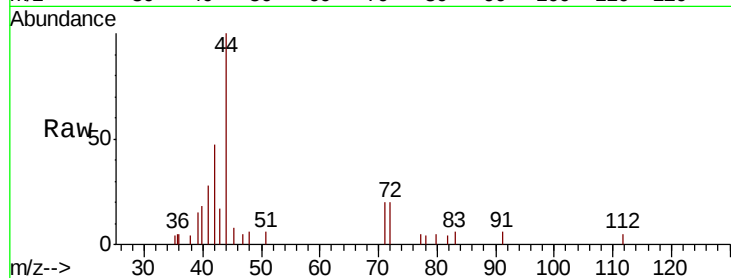
Tot Ion: 42 Resp: 1588

Ion Ratio Lower Upper

42 100

72 41.8 37.7 56.5

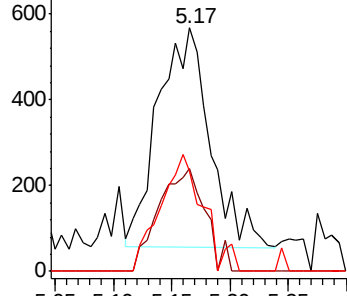
71 44.1 35.0 52.6



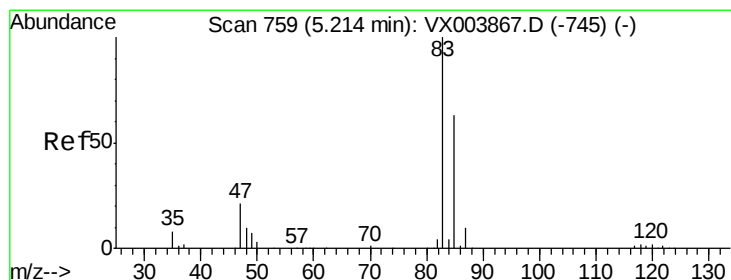
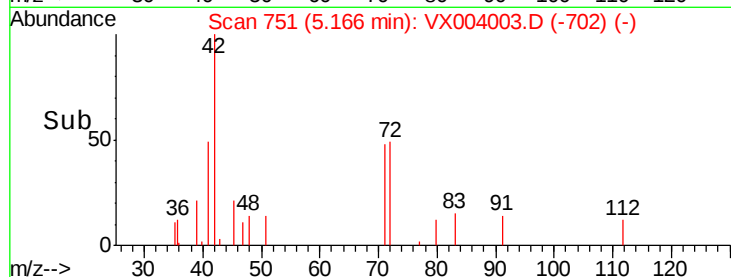
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#30

Chloroform

Concen: 1.14 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004003.D

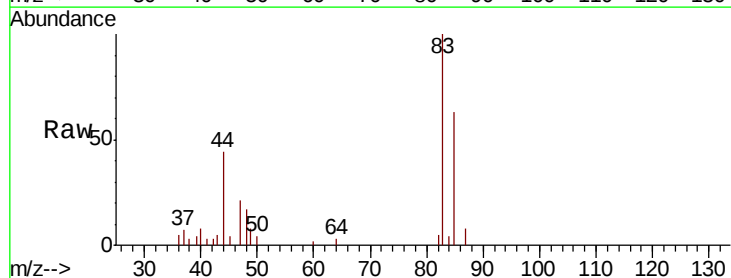
Acq: 13 Aug 2018 16:34

Tgt Ion: 83 Resp: 7334

Ion Ratio Lower Upper

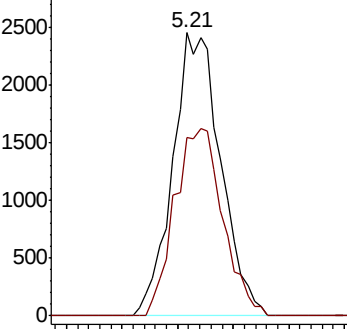
83 100

85 63.0 50.7 76.1

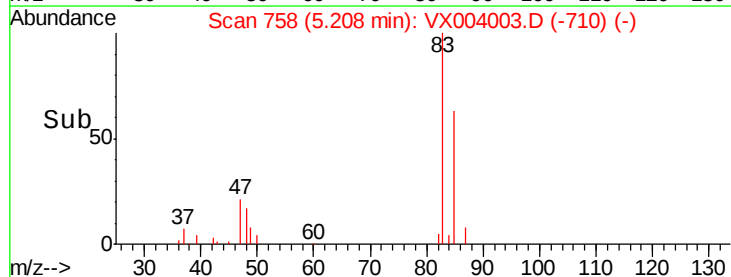


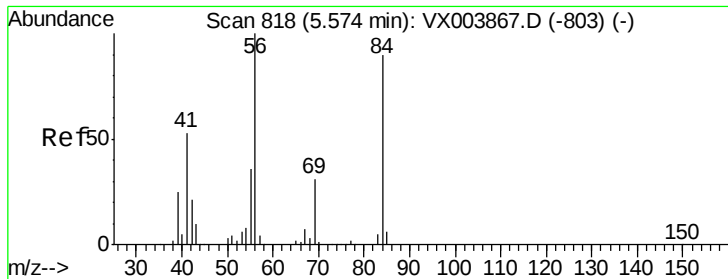
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->





#31

Cyclohexane

Concen: 0.28 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

SP-1-8

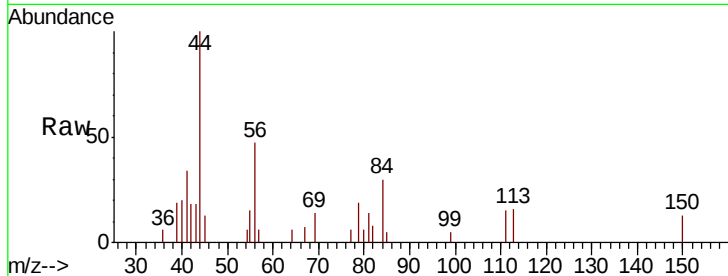
Tot Ion: 56 Resp: 1633

Ion Ratio Lower Upper

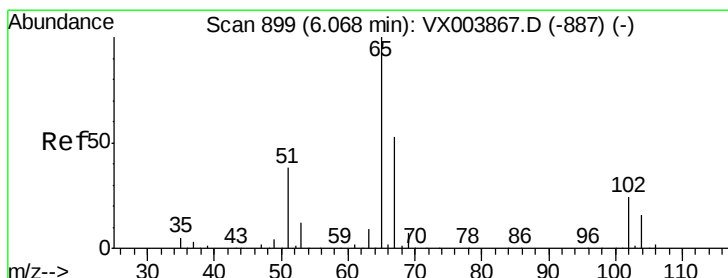
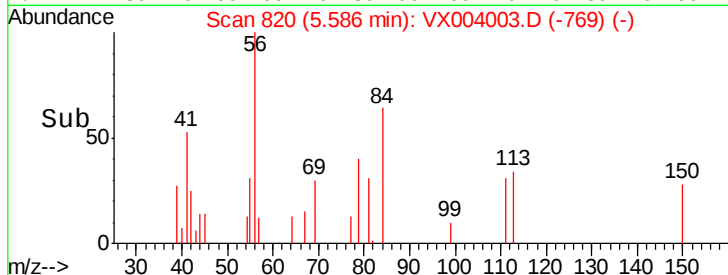
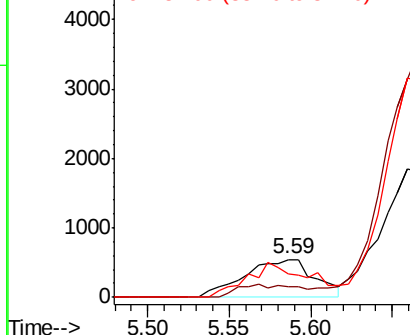
56 100

69 29.5 24.9 37.3

84 63.8 71.7 107.5#



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: 56.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX004003.D

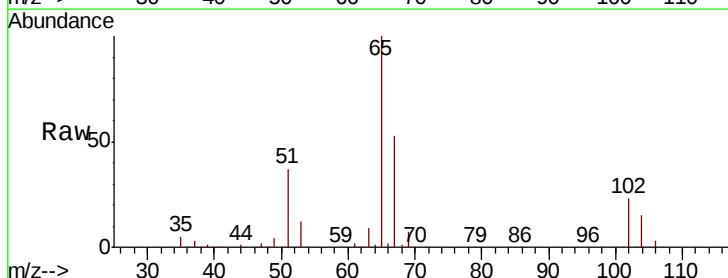
Acq: 13 Aug 2018 16:34

Tgt Ion: 65 Resp: 224715

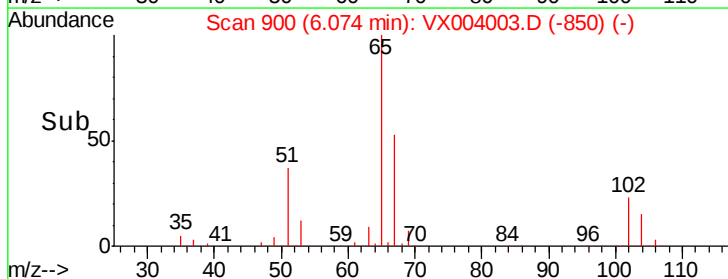
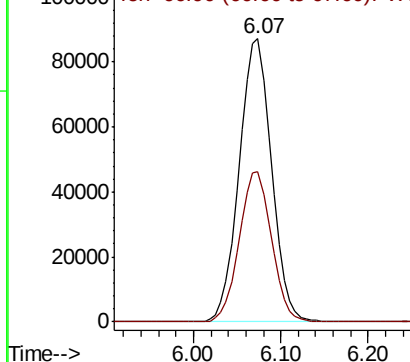
Ion Ratio Lower Upper

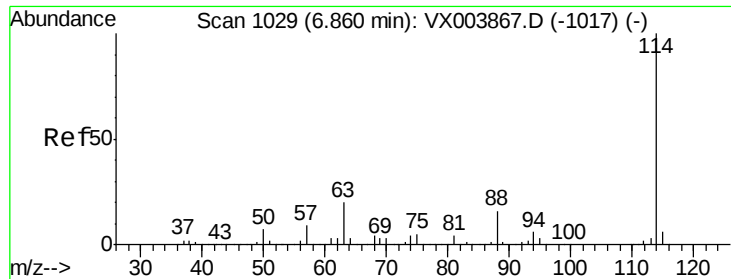
65 100

67 52.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

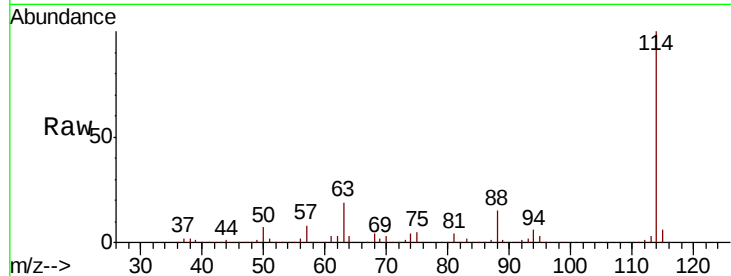




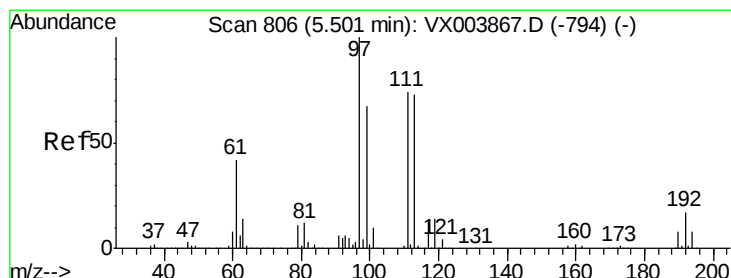
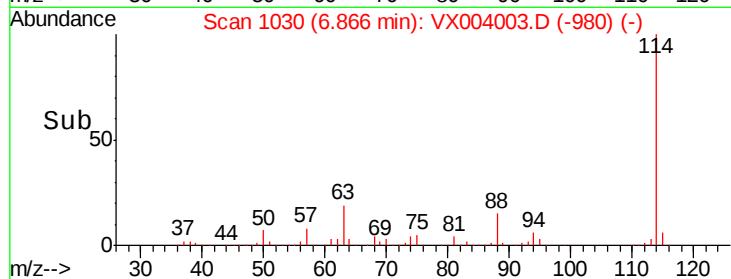
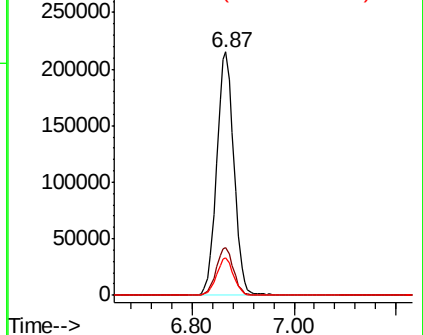
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-8

Tot Ion:114 Resp: 506075
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.4 0.0 32.0

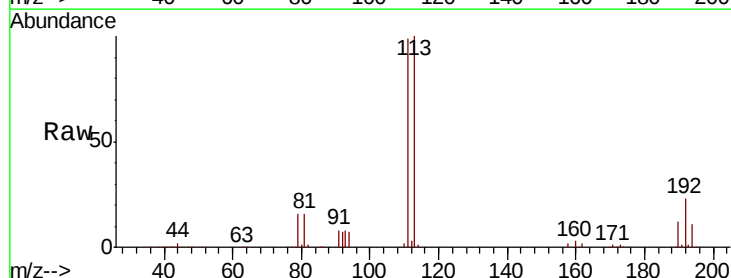


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

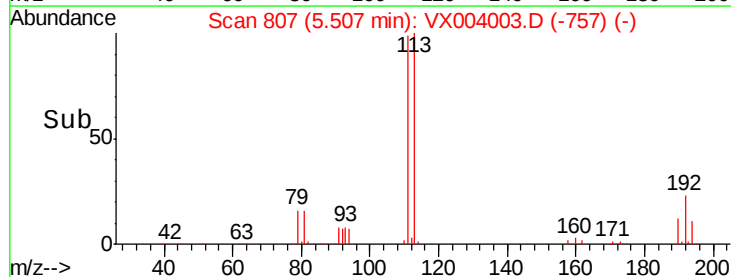
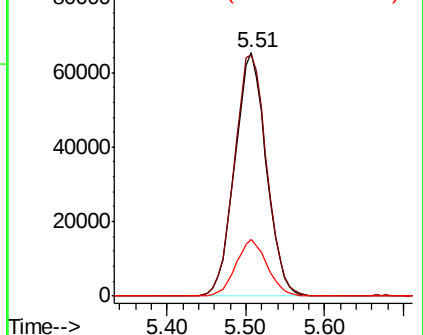


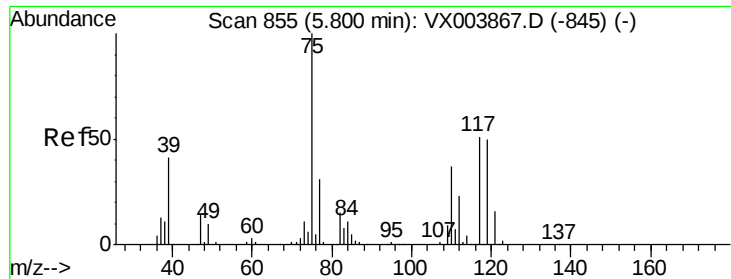
#35
 Dibromofluoromethane
 Concen: 47.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

Tgt Ion:113 Resp: 180825
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 23.1 19.0 28.4



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

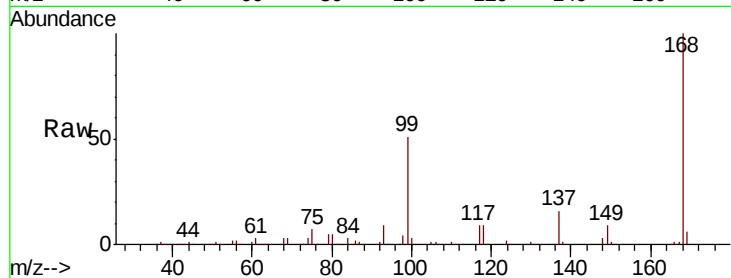




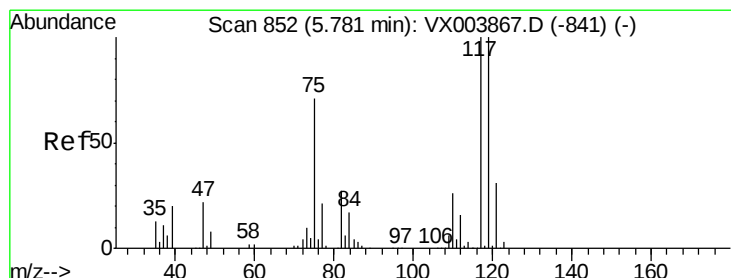
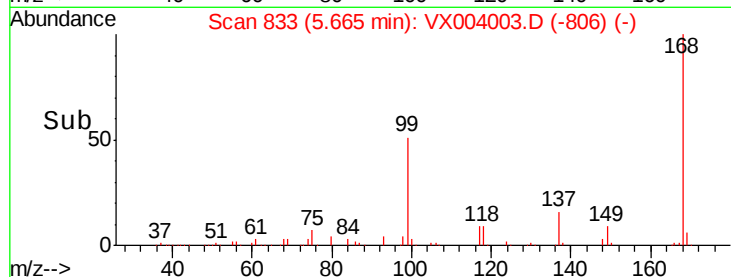
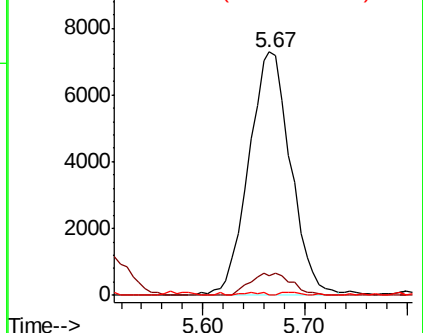
#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

Instrument :
 MSVOA_X
 ClientSampled :
 SP-1-8

Tot Ion	75	Resp	20769
Ion Ratio	100	Lower	Upper
110	9.0	18.2	54.6#
77	0.6	25.0	37.4#

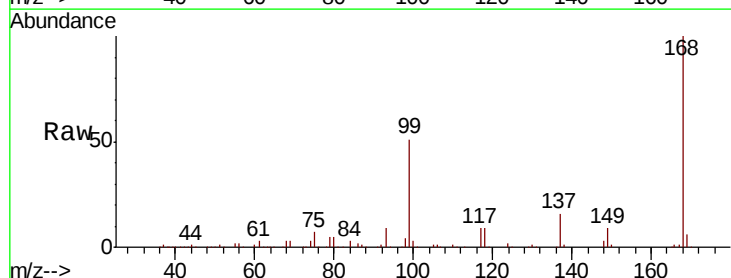


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

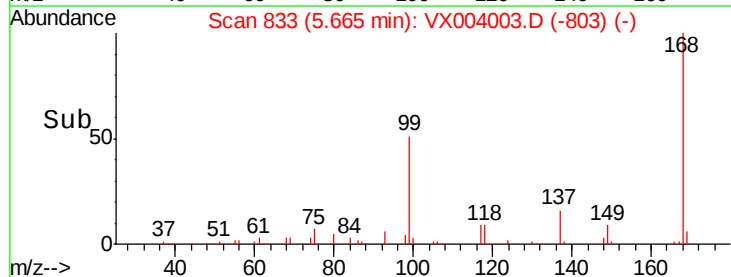
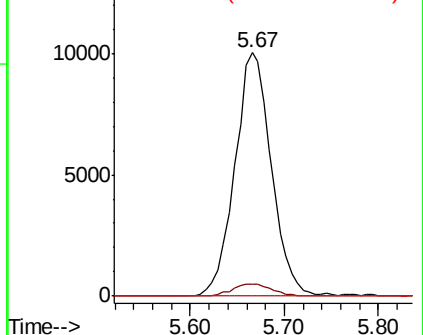


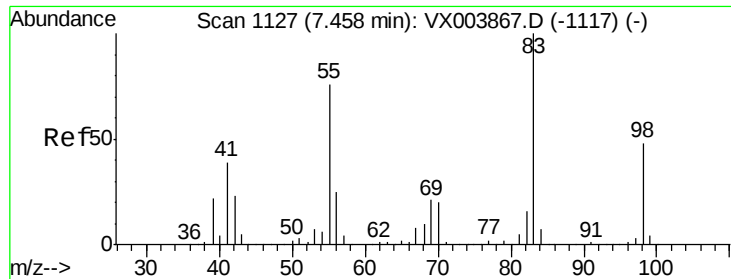
#38
 Carbon Tetrachloride
 Concen: 5.03 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004003.D
 Acq: 13 Aug 2018 16:34

Tgt Ion	117	Resp	27145
Ion Ratio	100	Lower	Upper
119	4.7	79.5	119.3#
121	0.0	25.0	37.4#



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

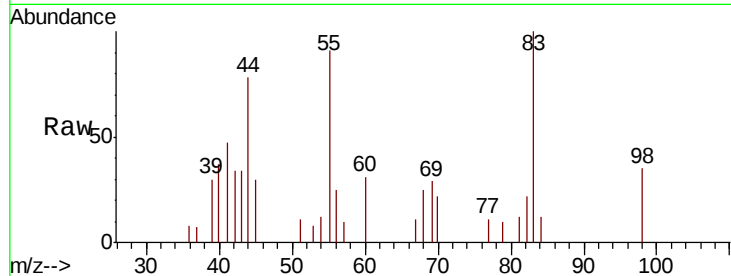




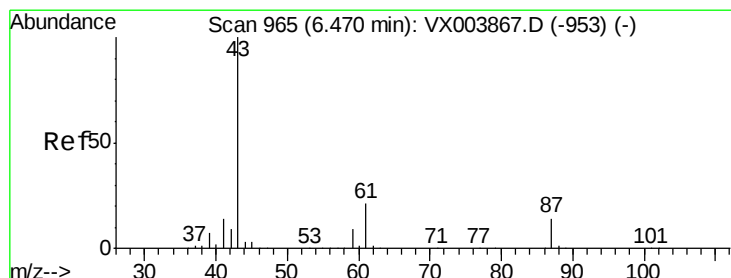
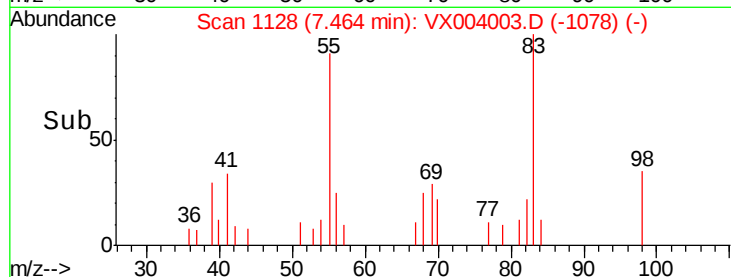
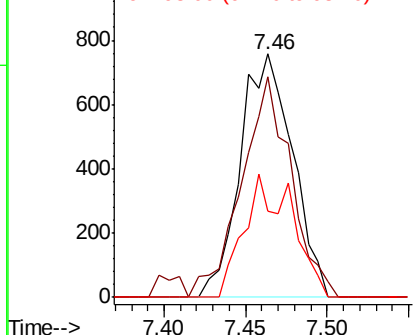
#39
Methylcyclohexane
Concen: 0.25 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Instrument :
MSVOA_X
ClientSampleID :
SP-1-8

Tot Ion: 83 Resp: 1685
Ion Ratio Lower Upper
83 100
55 90.8 61.0 91.6
98 35.4 38.6 57.8#

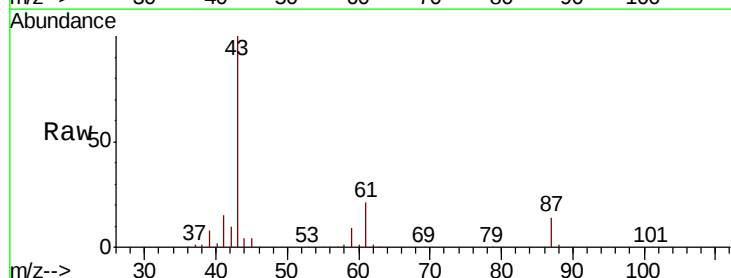


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

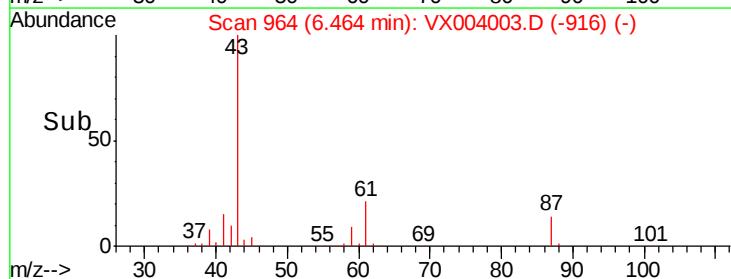
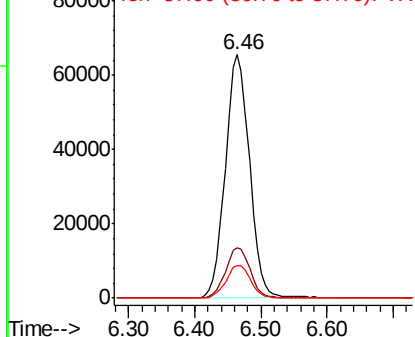


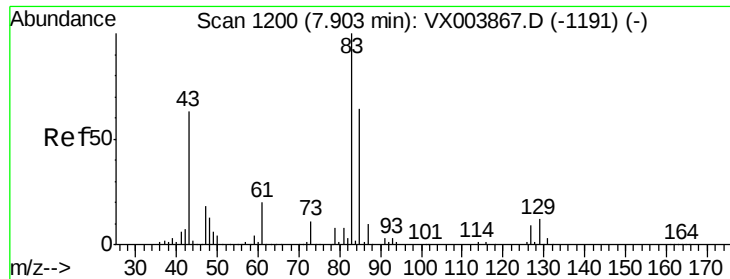
#43
Isopropyl Acetate
Concen: 17.72 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Tgt Ion: 43 Resp: 166308
Ion Ratio Lower Upper
43 100
61 20.9 16.9 25.3
87 13.8 11.3 16.9



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: 0.35 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SP-1-8

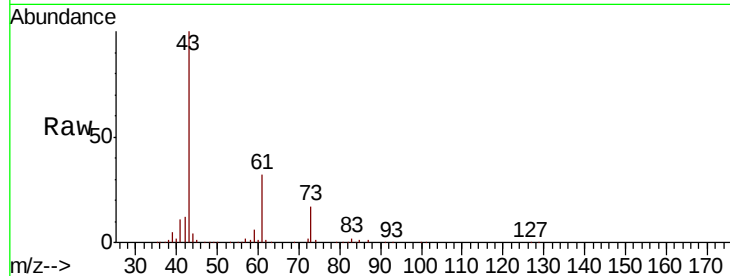
Tot Ion: 83 Resp: 1882

Ion Ratio Lower Upper

83 100

85 54.3 51.2 76.8

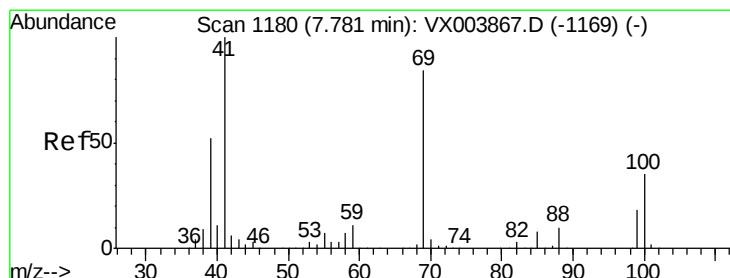
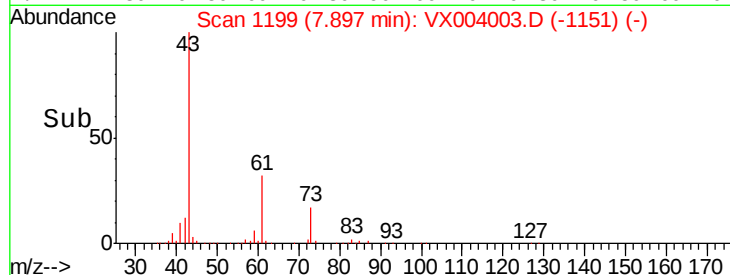
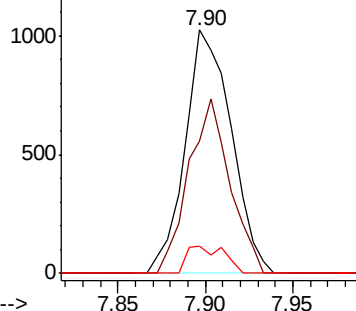
127 11.1 7.2 10.8#



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

Methyl methacrylate

Concen: 3.39 ug/l

RT: 7.88 min Scan# 1197

Delta R.T. 0.10 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

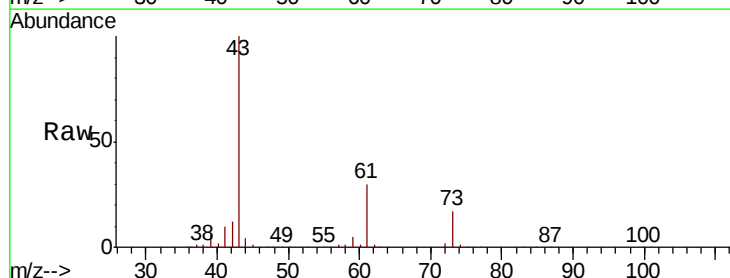
Tgt Ion: 41 Resp: 16155

Ion Ratio Lower Upper

41 100

69 0.3 68.8 103.2#

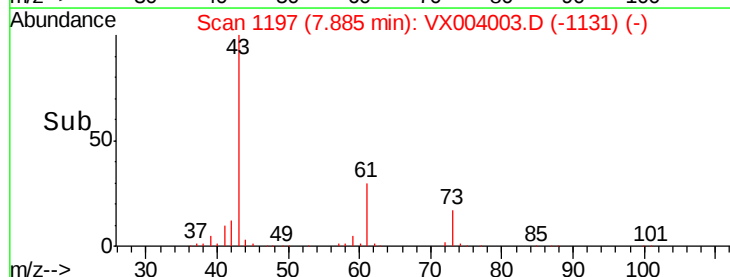
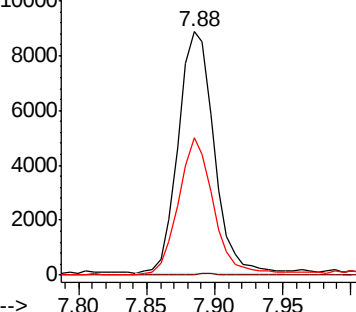
39 56.1 42.3 63.5

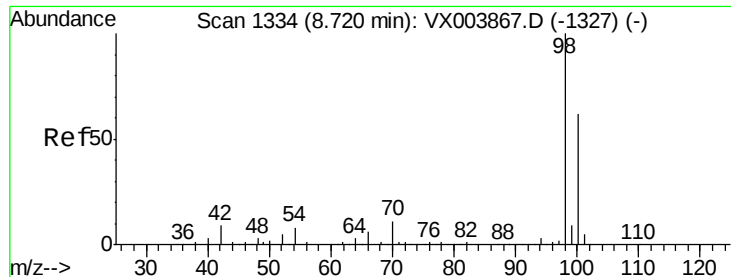


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 48.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

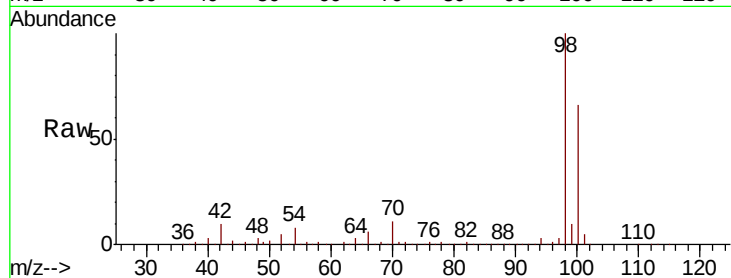
SP-1-8

Tot Ion: 98 Resp: 724107

Ion Ratio Lower Upper

98 100

100 64.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

500000

400000

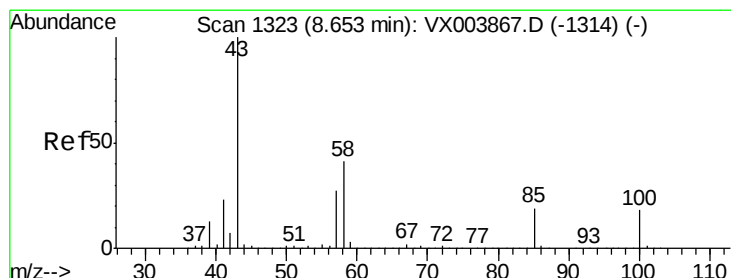
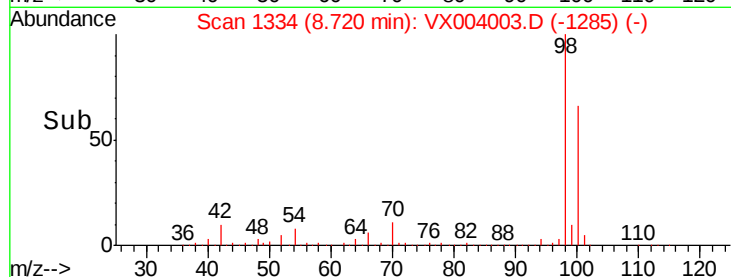
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.53 ug/l

RT: 8.62 min Scan# 1318

Delta R.T. -0.03 min

Lab File: VX004003.D

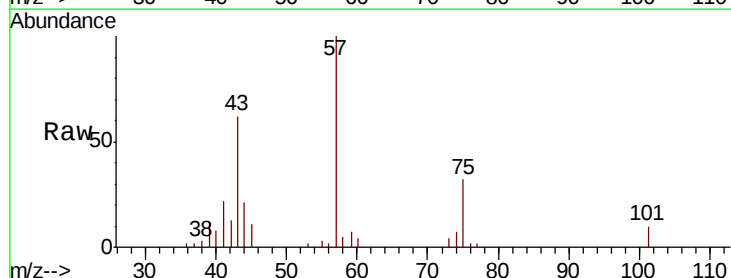
Acq: 13 Aug 2018 16:34

Tgt Ion: 43 Resp: 4109

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

4000

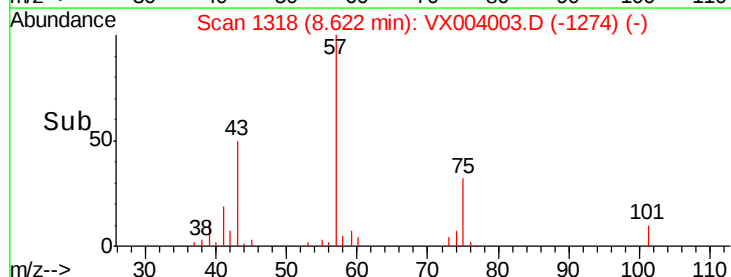
3000

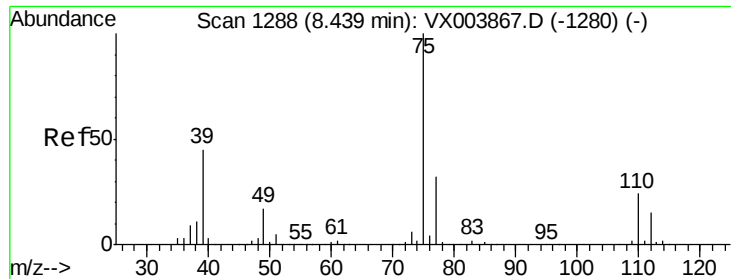
2000

1000

0

Time-->



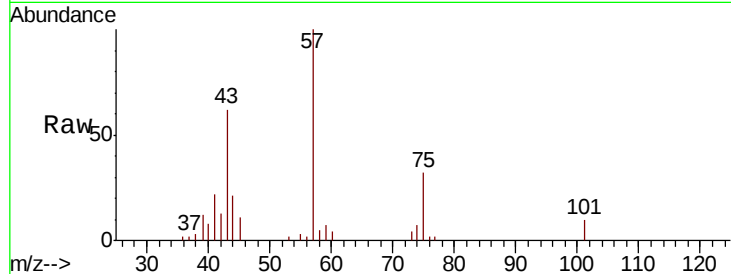


#54

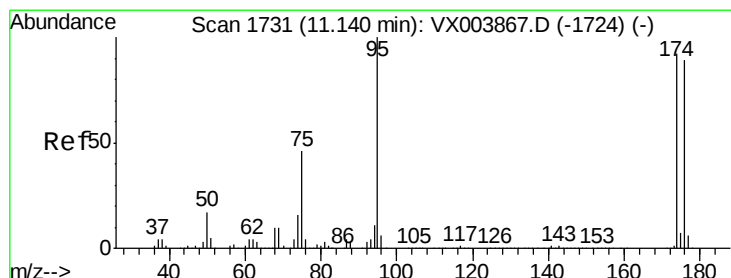
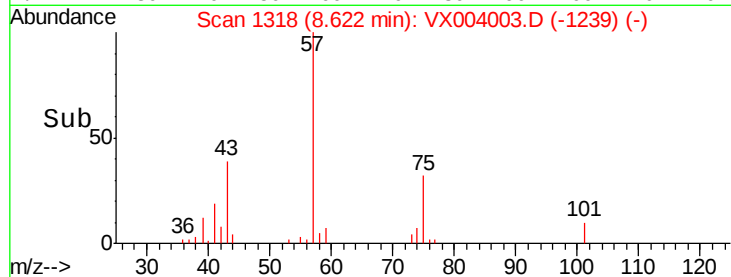
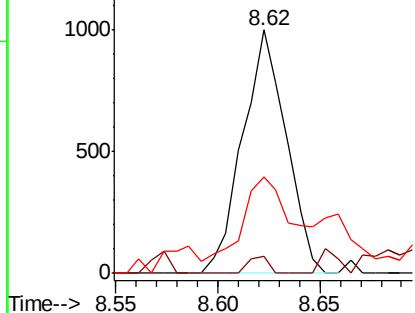
cis-1,3-Dichloropropene
Concen: 0.23 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. 0.18 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
SP-1-8

Tot Ion: 75 Resp: 1488
Ion Ratio Lower Upper
75 100
77 6.8 25.3 37.9#
39 28.3 36.2 54.2#



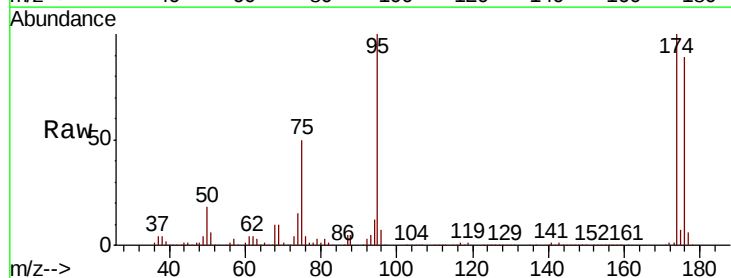
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



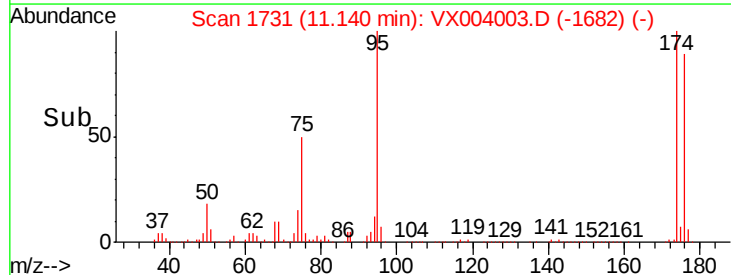
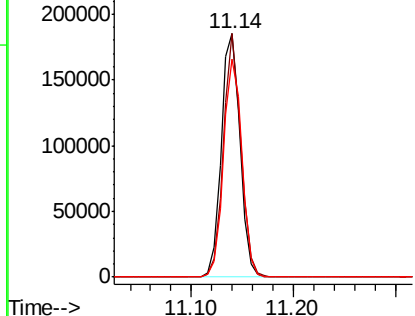
#62

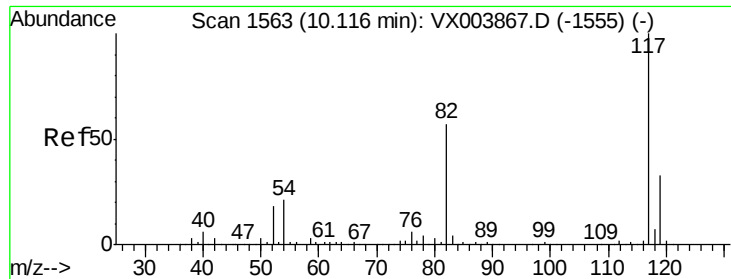
4-Bromofluorobenzene
Concen: 49.49 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Tgt Ion: 95 Resp: 238739
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.8
176 87.6 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

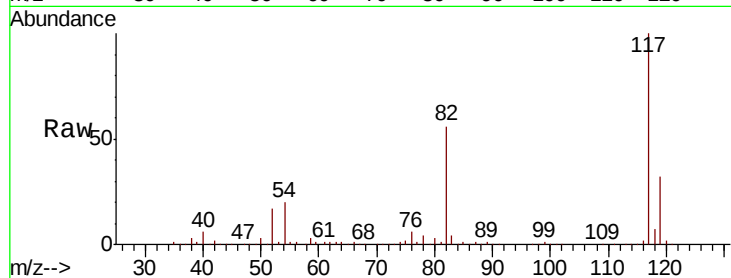




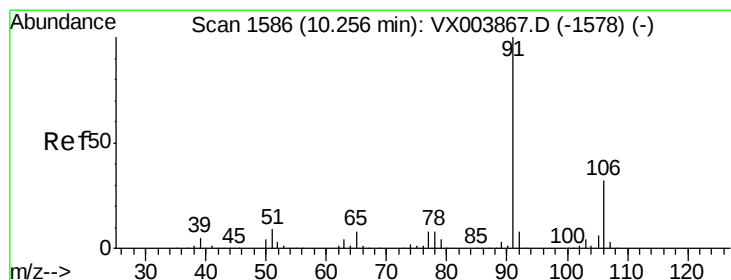
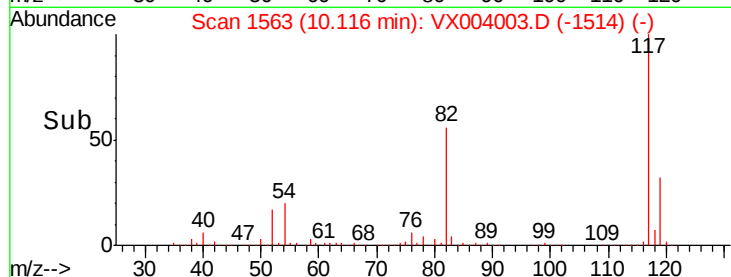
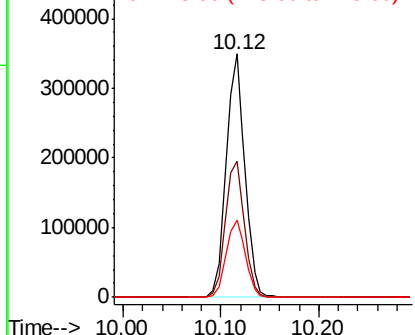
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
SP-1-8

Tot Ion:117 Resp: 460670
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.0 26.6 40.0

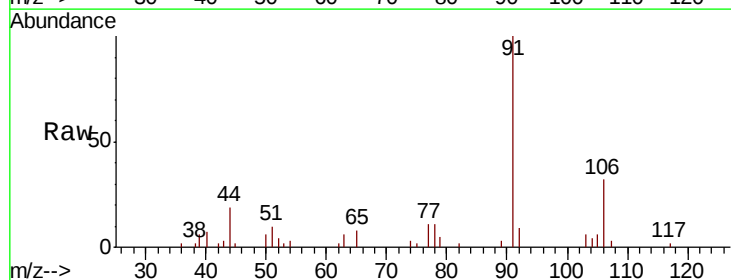


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

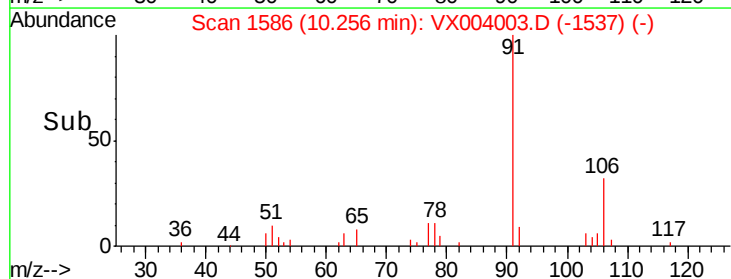
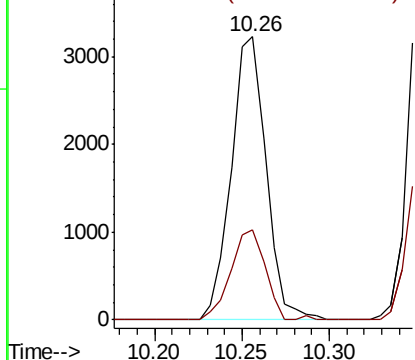


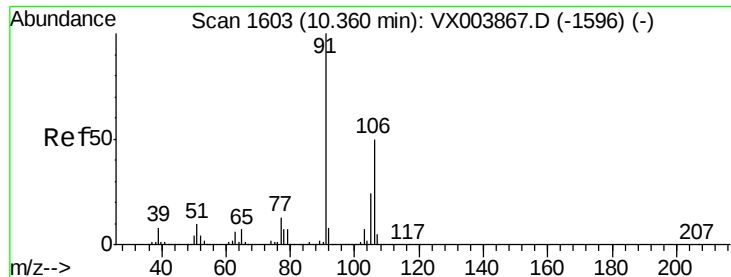
#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Tgt Ion: 91 Resp: 4467
Ion Ratio Lower Upper
91 100
106 31.8 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: 0.68 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

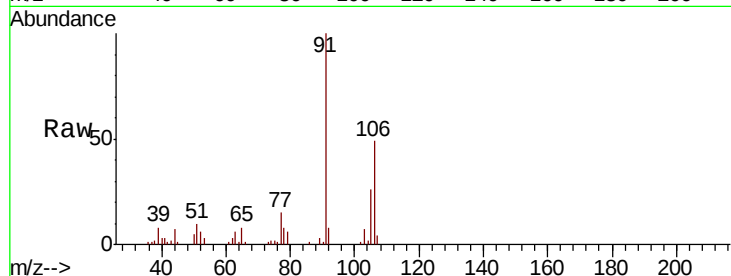
SP-1-8

Tot Ion:106 Resp: 5218

Ion Ratio Lower Upper

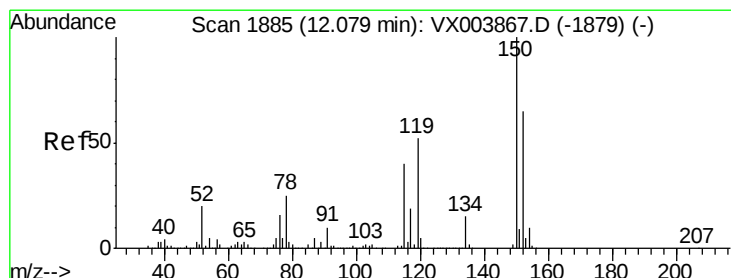
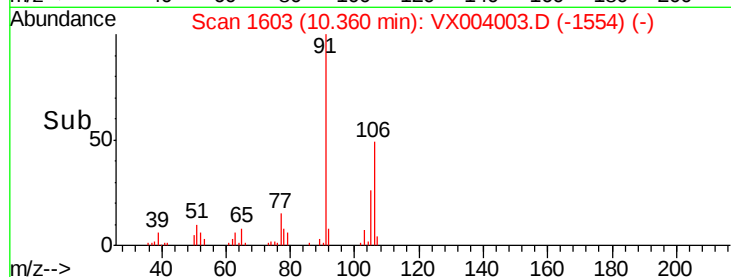
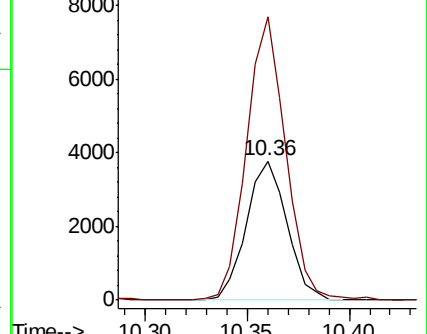
106 100

91 196.1 162.3 243.5



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# 1885

Delta R.T. 0.00 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

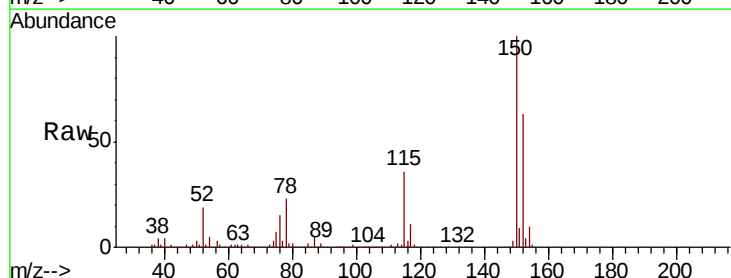
Tgt Ion:152 Resp: 244365

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

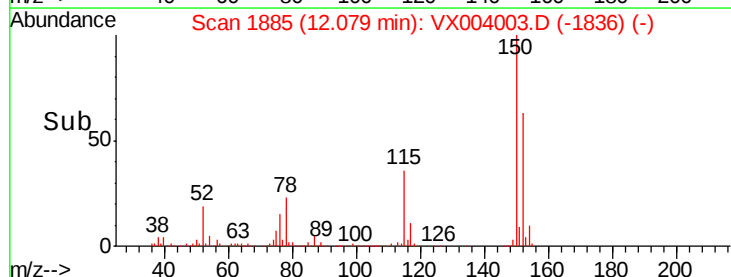
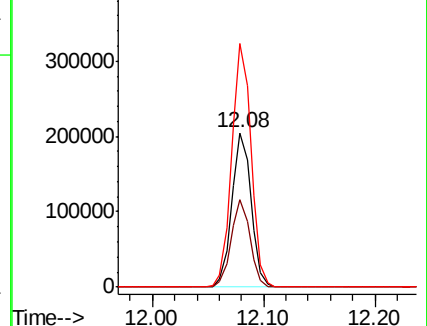
150 158.6 0.0 349.2

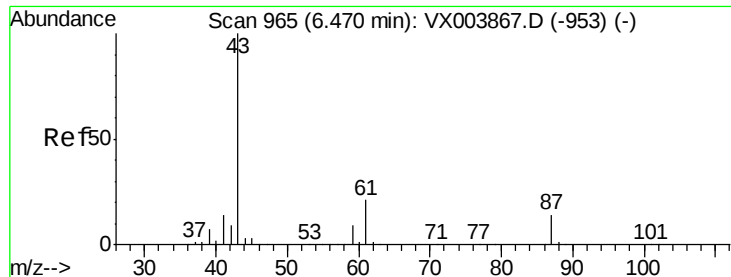


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 17.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SP-1-8

Tot Ion: 43 Resp: 166308

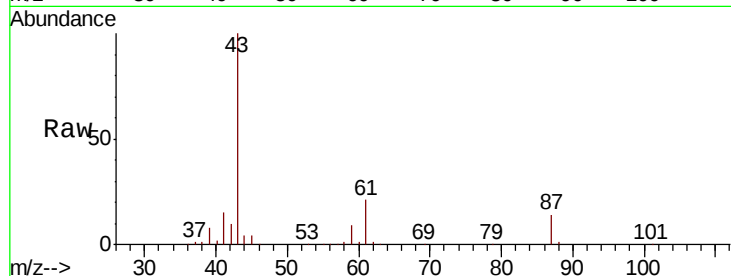
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.2 0.1 0.1#

61 20.9 16.9 25.3

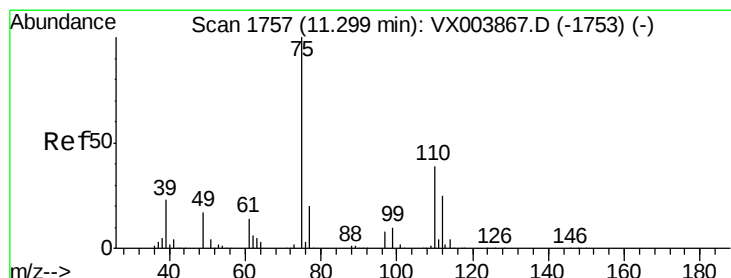
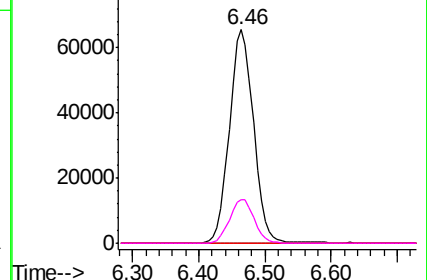
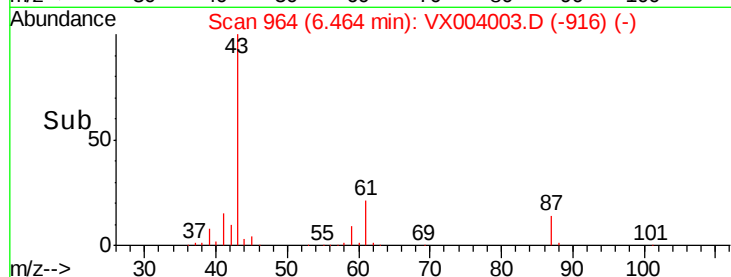


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004003.D

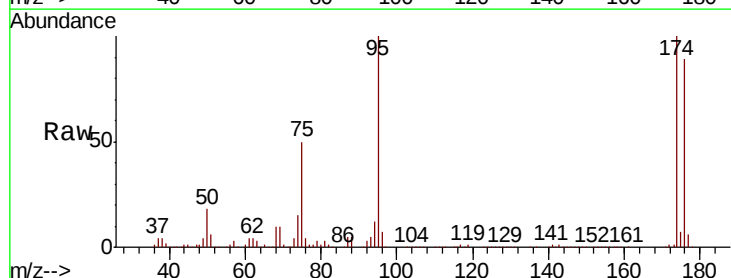
Acq: 13 Aug 2018 16:34

Tgt Ion: 75 Resp: 117481

Ion Ratio Lower Upper

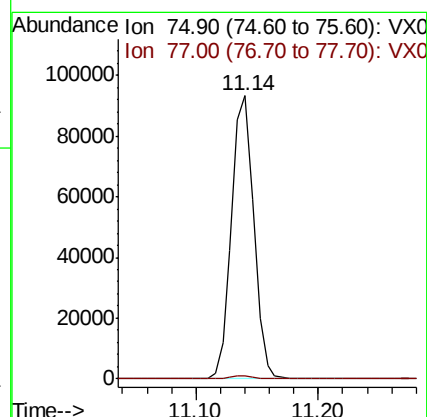
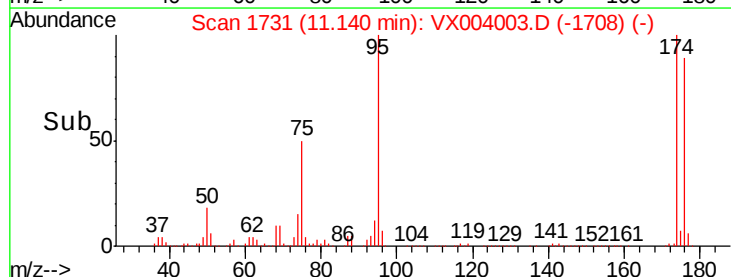
75 100

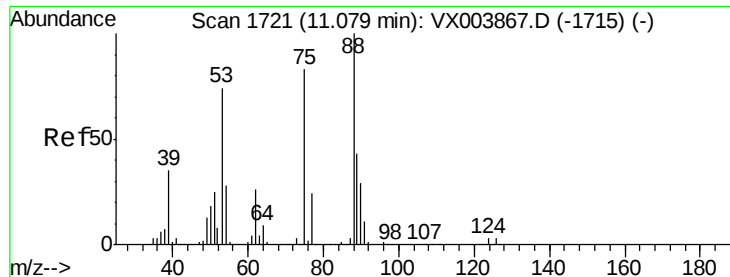
77 1.3 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 66.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004003.D

Acq: 13 Aug 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SP-1-8

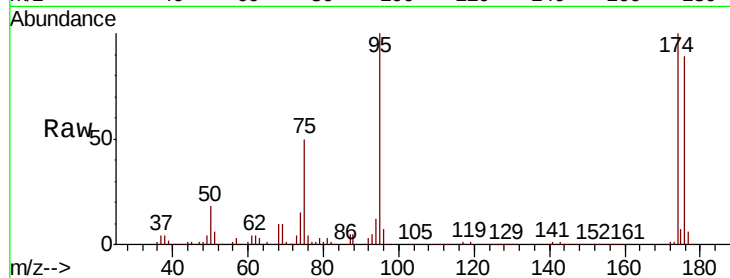
Tot Ion: 75 Resp: 117481

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

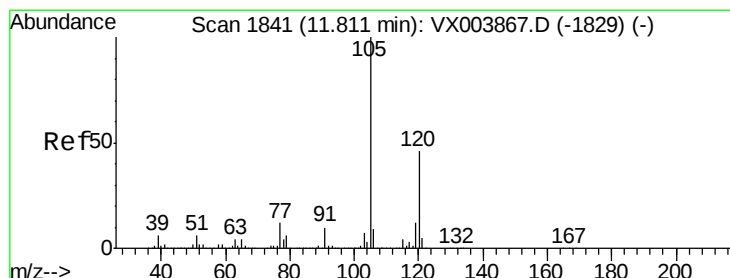
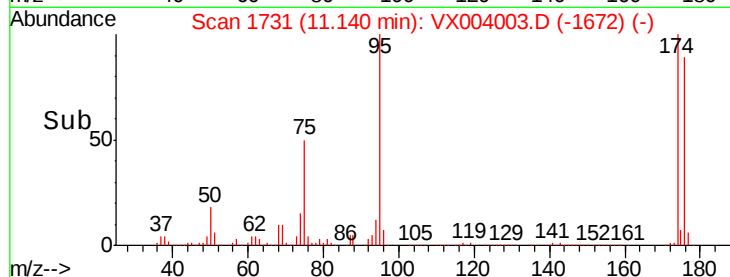
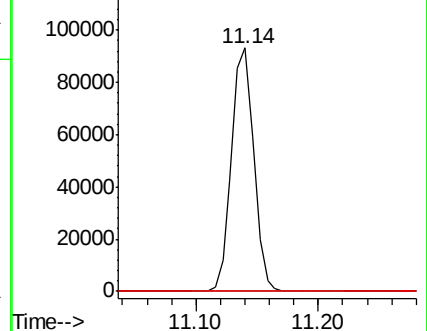
89 0.0 37.8 56.8#



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: 0.23 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX004003.D

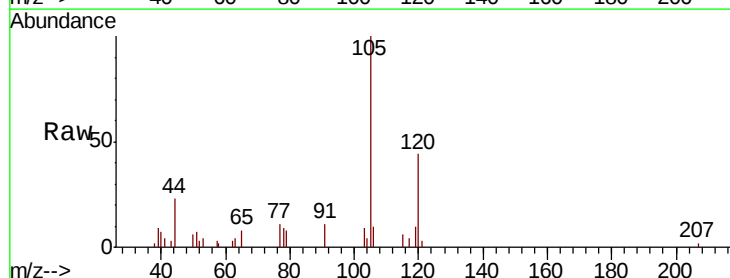
Acq: 13 Aug 2018 16:34

Tgt Ion: 105 Resp: 3479

Ion Ratio Lower Upper

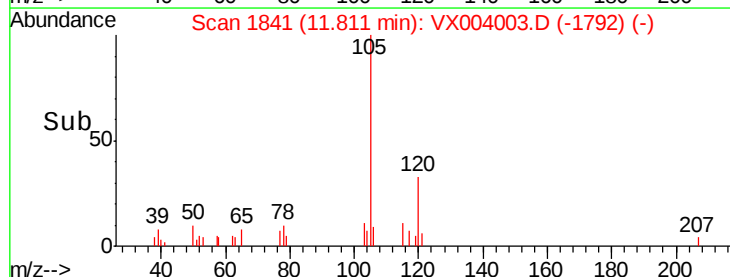
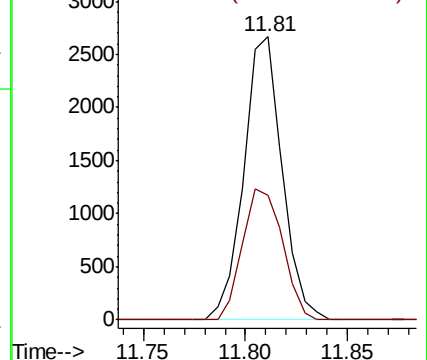
105 100

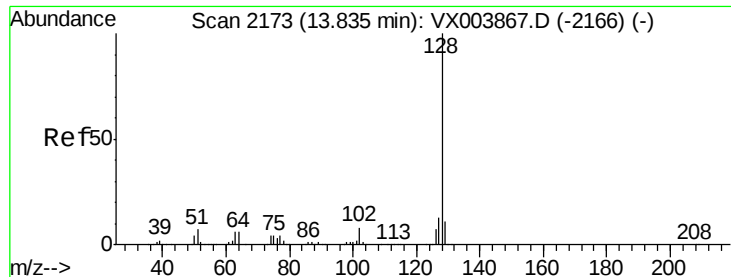
120 48.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

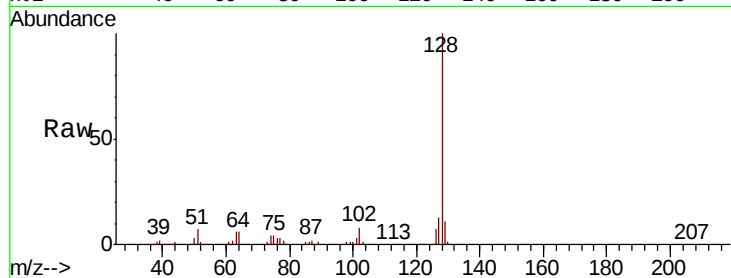




#95
Naphthalene
Concen: 3.65 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004003.D
Acq: 13 Aug 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
SP-1-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2



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

