

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006050.D
 Acq On : 16 Nov 2018 15:22
 Operator : JC/MD
 Sample : J5965-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Nov 17 00:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	221473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92624	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	82584	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	5.51	113	71668	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	255058	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.14	95	86276	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	356	0.323	ug/l #	82
11) Tert butyl alcohol	3.06	59	84056	164.190	ug/l	100
13) Acrolein	2.27	56	4302	35.437	ug/l #	1
14) Allyl chloride	2.84	41	130633	42.569	ug/l #	71
15) Acrylonitrile	3.17	53	9524	8.977	ug/l #	37
16) Acetone	2.45	43	9823	10.209	ug/l	93
18) Methyl Acetate	2.84	43	346666	137.020	ug/l #	55
19) Methyl tert-butyl Ether	3.20	73	111915	23.865	ug/l #	48
20) Methylene Chloride	2.85	84	654	0.414	ug/l #	1
22) Diisopropyl ether	3.87	45	8060	1.499	ug/l #	76
23) Vinyl Acetate	3.81	43	2550	0.553	ug/l #	74
24) 1,1-Dichloroethane	3.81	63	875	0.305	ug/l #	84
25) 2-Butanone	4.70	43	1022	0.676	ug/l	92
29) Tetrahydrofuran	5.17	42	246	0.253	ug/l #	60
30) Chloroform	5.28	83	6571	2.375	ug/l #	31
31) Cyclohexane	5.58	56	70408	28.281	ug/l #	91
36) 1,1-Dichloropropene	5.67	75	10353	4.849	ug/l #	49
38) Carbon Tetrachloride	5.67	117	14082	6.588	ug/l #	15
39) Methylcyclohexane	7.46	83	24741	11.433	ug/l #	74
40) Benzene	6.15	78	1020204	163.911	ug/l	100
41) Methacrylonitrile	5.07	41	1015	0.669	ug/l #	25
42) 1,2-Dichloroethane	6.15	62	7982	3.580	ug/l #	75
43) Isopropyl Acetate	6.45	43	3868	0.951	ug/l #	63
45) 1,2-Dichloropropane	7.45	63	501	0.332	ug/l #	1
46) Dibromomethane	7.63	93	319	0.337	ug/l #	1
47) Bromodichloromethane	7.84	83	903	0.504	ug/l #	77
48) Methyl methacrylate	7.73	41	2662	1.457	ug/l #	44
51) 4-Methyl-2-Pentanone	8.68	43	1847	0.720	ug/l #	53
52) Toluene	8.79	92	21015	6.041	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	9273	5.981	ug/l #	18
56) Ethyl methacrylate	9.16	69	2367	1.020	ug/l #	3
58) 2-Chloroethyl Vinyl ether	8.26	63	150	8.393	ug/l #	48
59) 2-Hexanone	9.51	43	2325	1.029	ug/l	95
65) Chlorobenzene	10.14	112	1750	0.432	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006050.D
 Acq On : 16 Nov 2018 15:22
 Operator : JC/MD
 Sample : J5965-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Nov 17 00:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

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

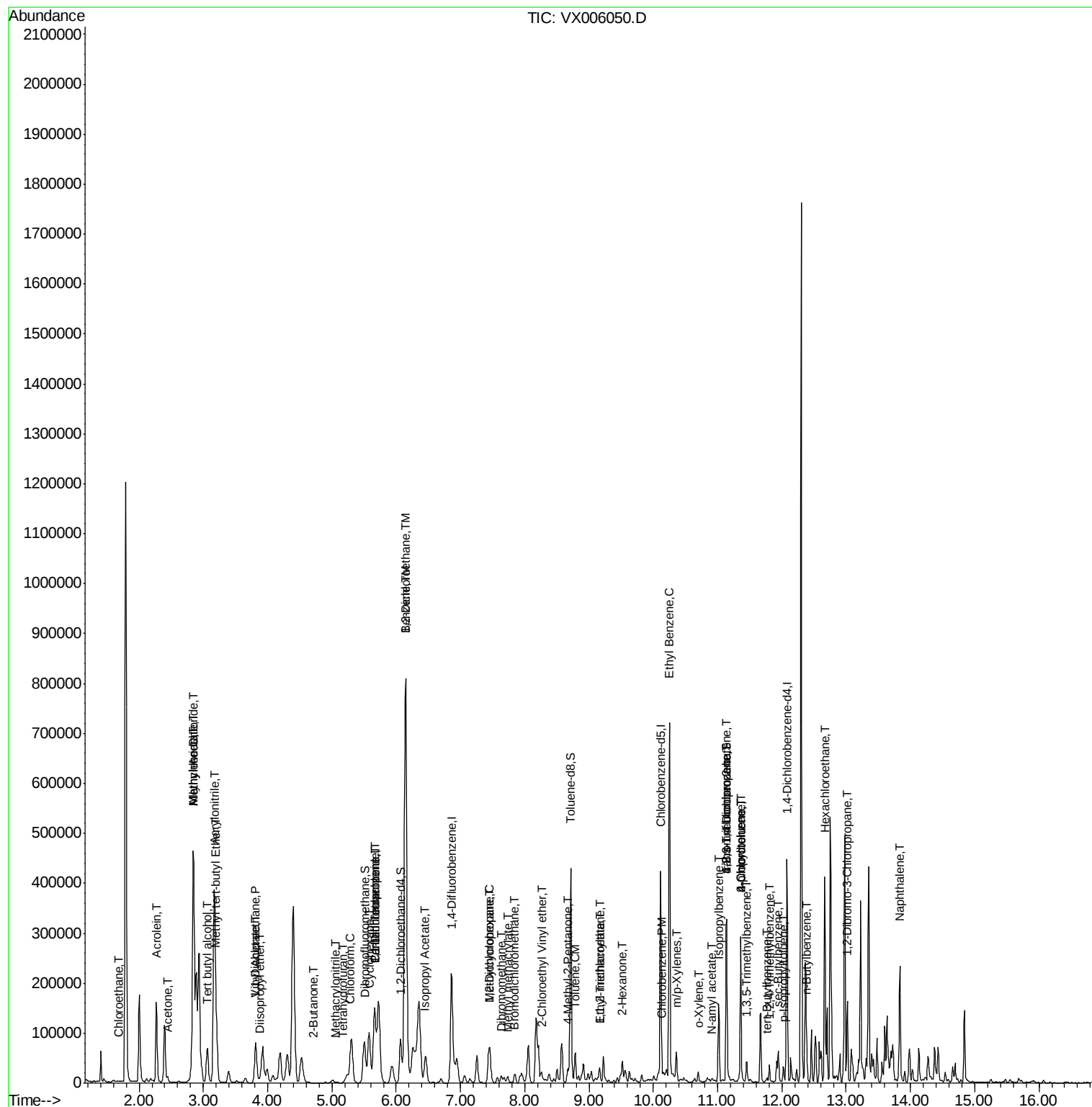
67) Ethyl Benzene	10.26	91	443159	68.160	uq/l	96
68) m/p-Xylenes	10.36	106	13697	5.523	uq/l	99
69) o-Xylene	10.69	106	4152	1.867	uq/l	98
73) Isopropylbenzene	11.02	105	77071	14.389	uq/l	100
74) N-amyl acetate	10.91	43	253	1.333	uq/l #	1
76) 1,2,3-Trichloropropane	11.13	75	41749	22.136	uq/l #	37
78) n-propylbenzene	11.36	91	173470	27.480	uq/l	98
79) 2-Chlorotoluene	11.36	91	173470	45.464	uq/l #	40
80) 1,3,5-Trimethylbenzene	11.46	105	21956	4.824	uq/l	74
81) trans-1,4-Dichloro-2-buten	11.13	75	41749	70.551	uq/l #	9
82) 4-Chlorotoluene	11.36	91	173470	38.576	uq/l #	44
83) tert-Butylbenzene	11.77	119	2831	0.615	uq/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	15005	2.874	uq/l	97
85) sec-Butylbenzene	11.94	105	29618	5.260	uq/l	96
86) p-Isopropyltoluene	12.02	119	12109	2.428	uq/l #	75
89) n-Butylbenzene	12.39	91	46586	10.077	uq/l #	69
90) Hexachloroethane	12.67	117	17910	21.507	uq/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	523	1.090	uq/l #	1
95) Naphthalene	13.83	128	141464	21.906	uq/l	98

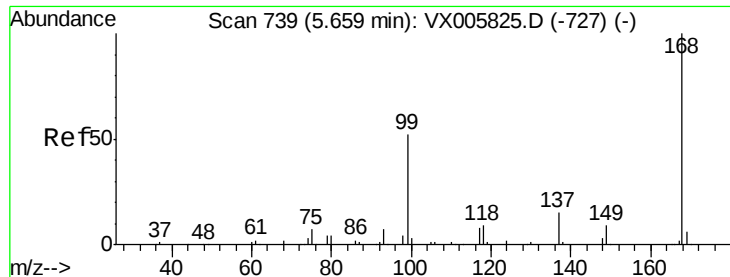
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111618\
Data File : VX006050.D
Acq On : 16 Nov 2018 15:22
Operator : JC/MD
Sample : J5965-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Nov 17 00:43:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

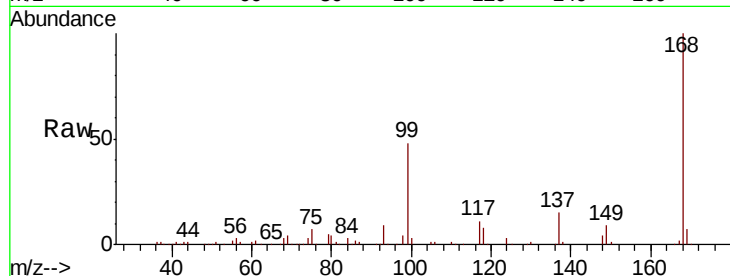
MW-2

Tot Ion:168 Resp: 155450

Ion Ratio Lower Upper

168 100

99 48.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

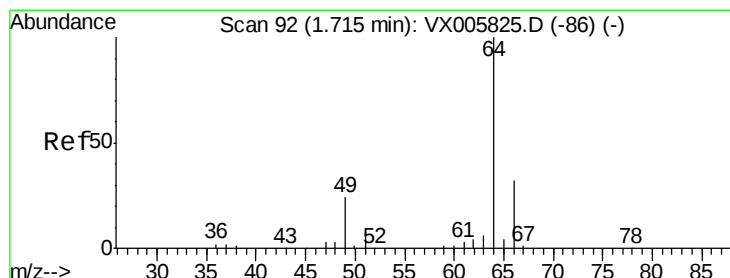
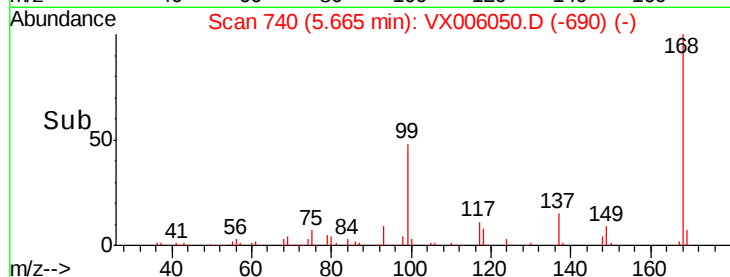
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#6

Chloroethane

Concen: 0.323 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX006050.D

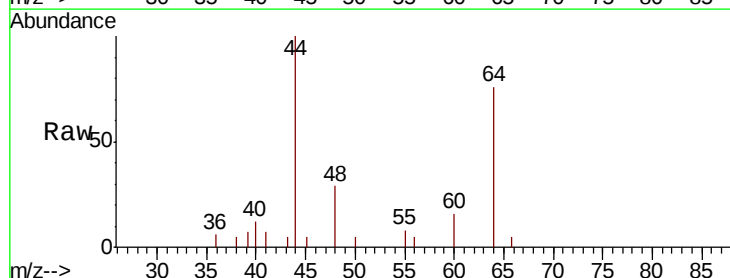
Acq: 16 Nov 2018 15:22

Tgt Ion: 64 Resp: 356

Ion Ratio Lower Upper

64 100

66 22.3 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

1000

800

600

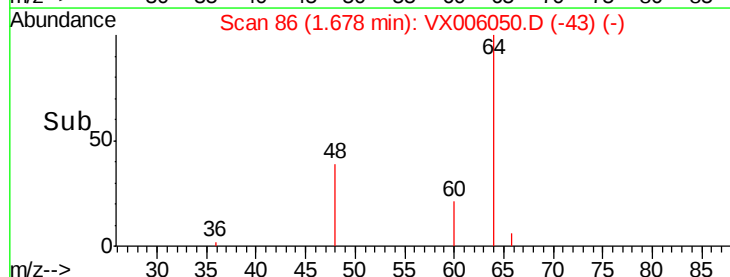
400

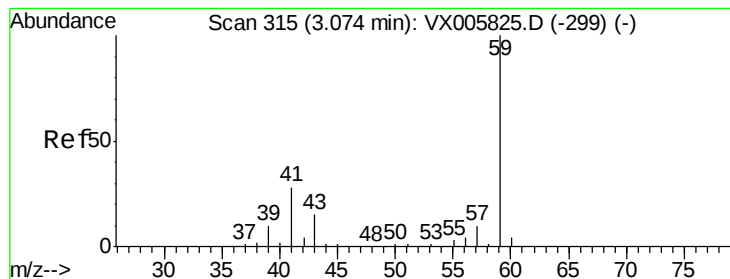
200

0

Time-->

1.66 1.68 1.70



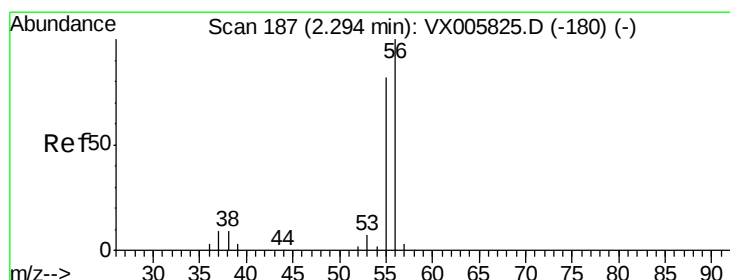
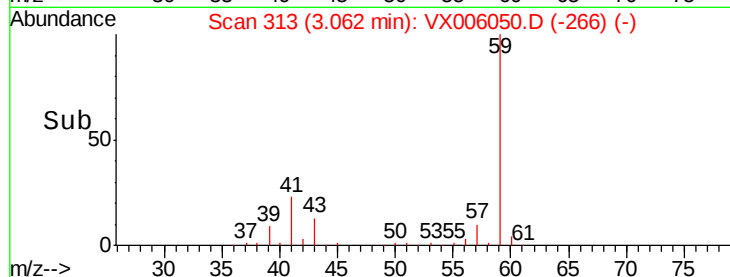
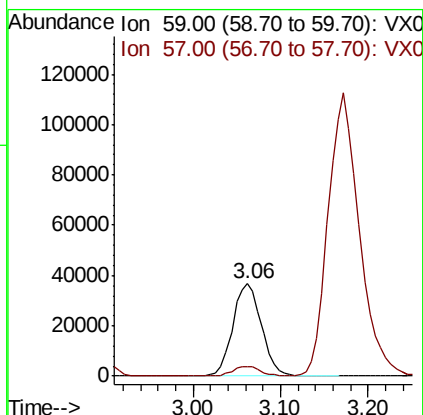
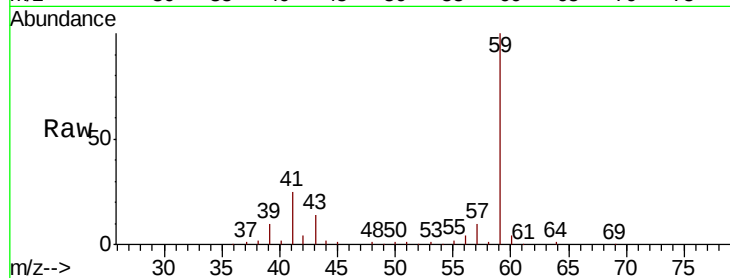


#11

Tert butyl alcohol
 Concen: 164.190 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

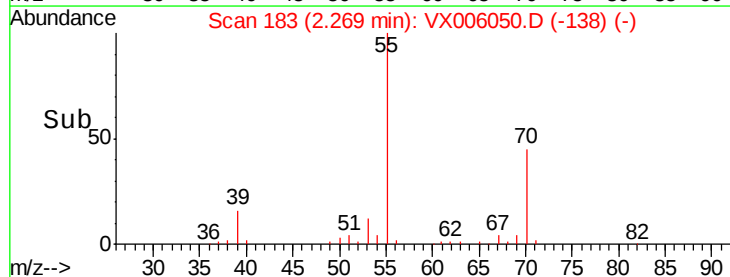
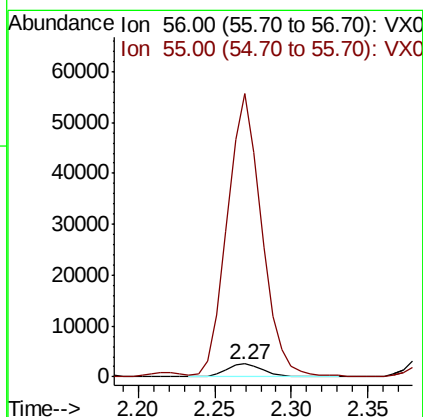
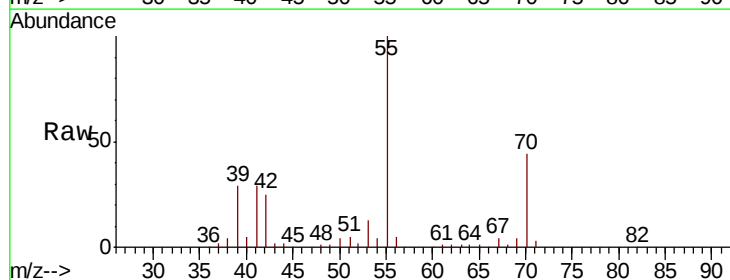
Tot Ion: 59 Resp: 84056
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

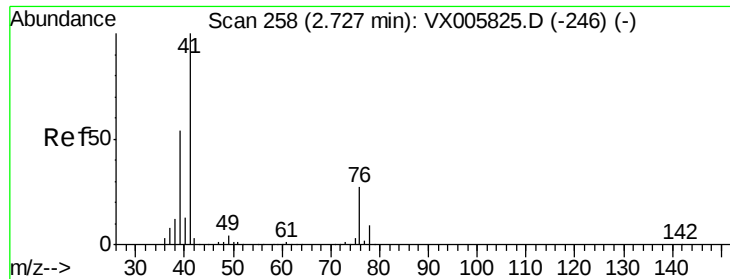


#13

Acrolein
 Concen: 35.437 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Tgt Ion: 56 Resp: 4302
 Ion Ratio Lower Upper
 56 100
 55 2002.1 57.3 85.9#





#14

Allvl chloride

Concen: 42.569 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2

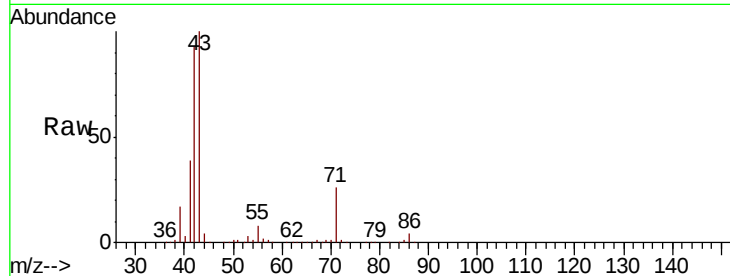
Tot Ion: 41 Resp: 130633

Ion Ratio Lower Upper

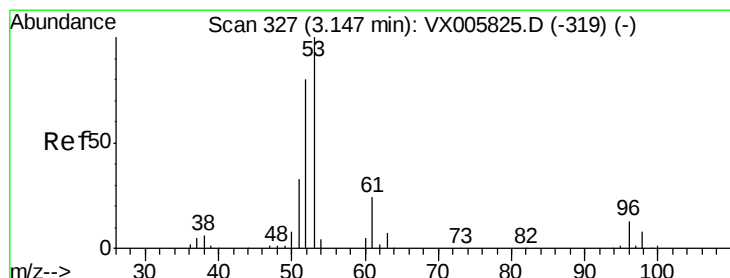
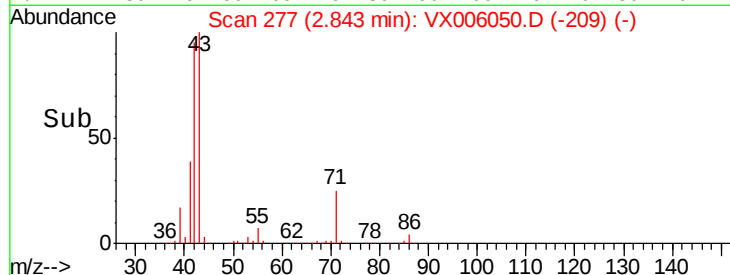
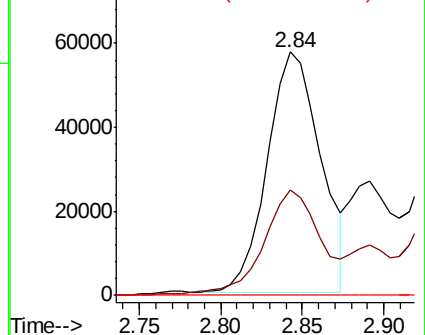
41 100

39 46.2 48.2 72.4#

76 0.0 21.9 32.9#



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



#15

Acrylonitrile

Concen: 8.977 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

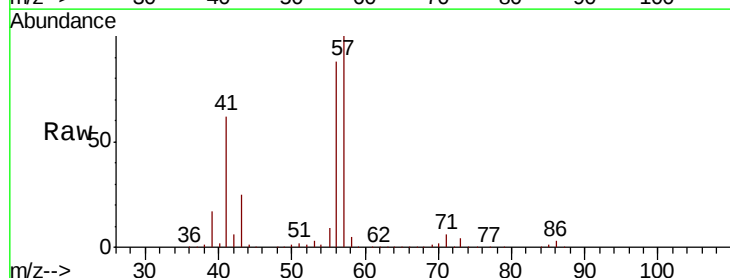
Tgt Ion: 53 Resp: 9524

Ion Ratio Lower Upper

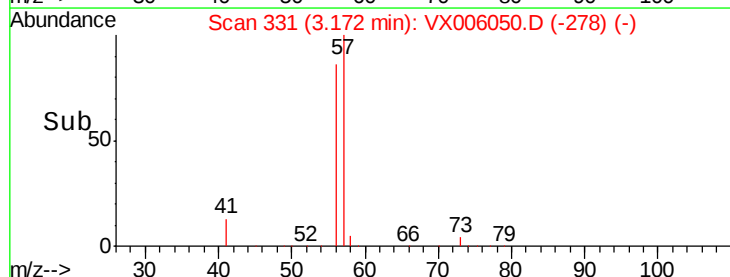
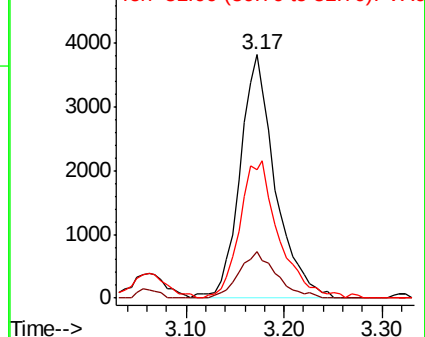
53 100

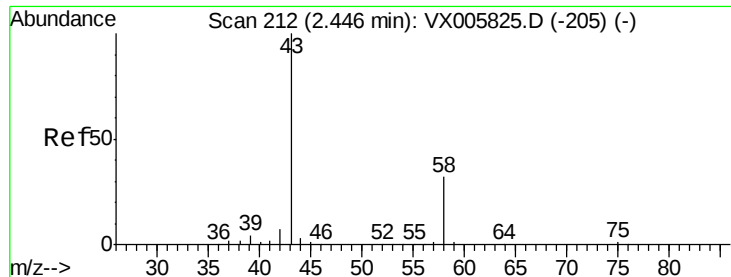
52 20.4 66.6 99.8#

51 62.2 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 10.209 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

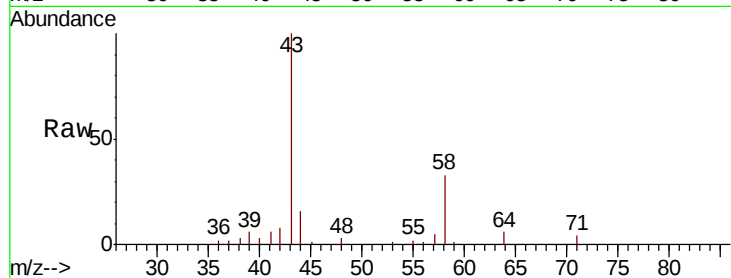
MW-2

Tot Ion: 43 Resp: 9823

Ion Ratio Lower Upper

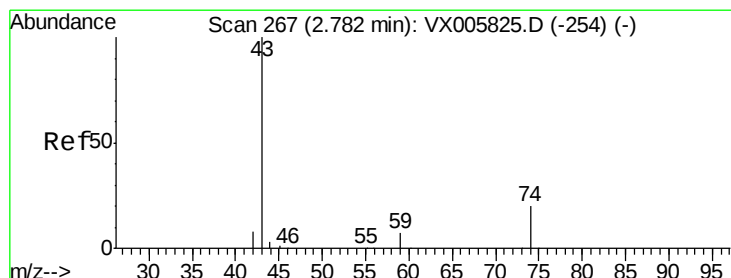
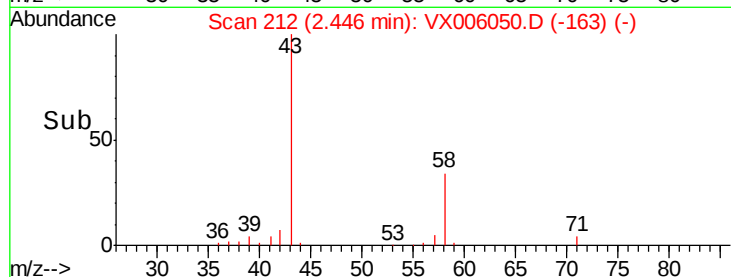
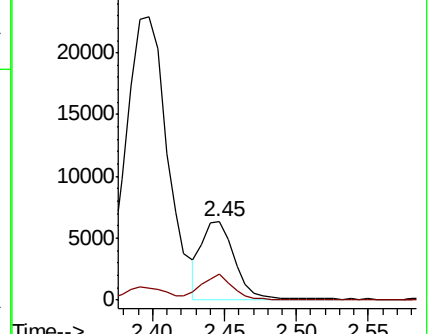
43 100

58 33.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 137.020 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX006050.D

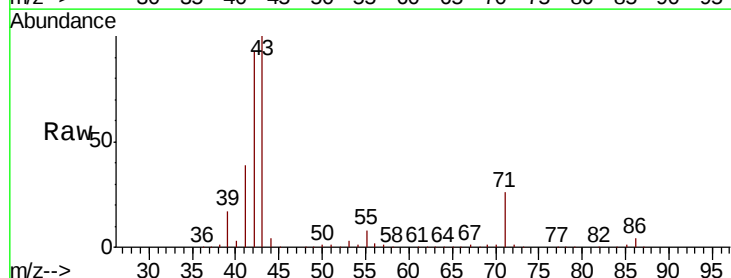
Acq: 16 Nov 2018 15:22

Tgt Ion: 43 Resp: 346666

Ion Ratio Lower Upper

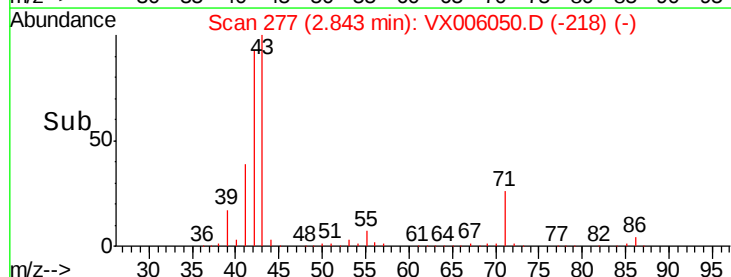
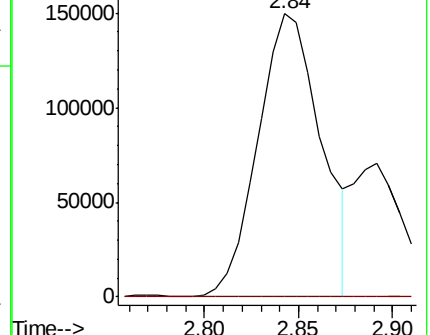
43 100

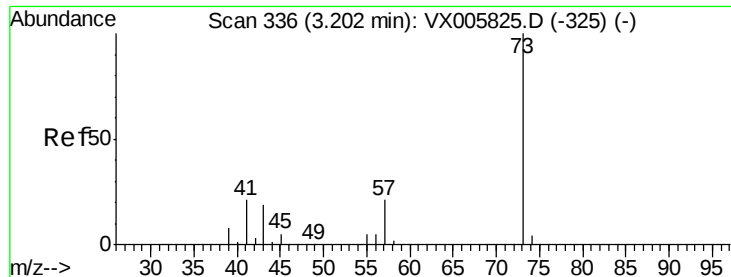
74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



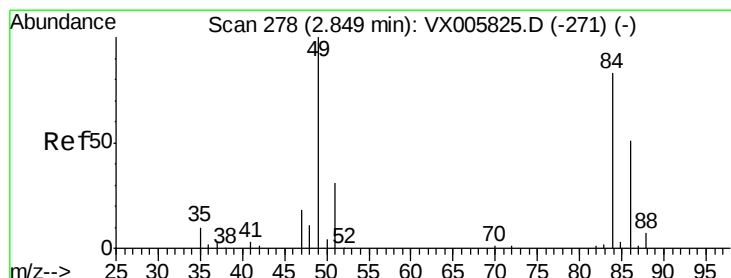
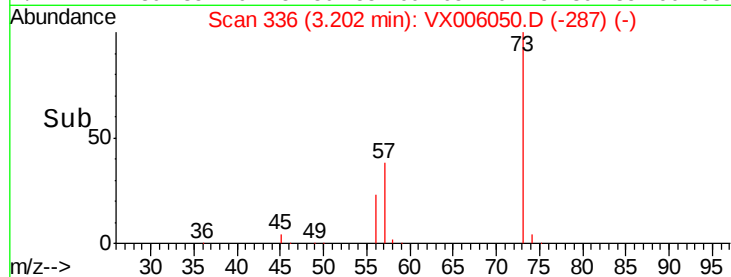
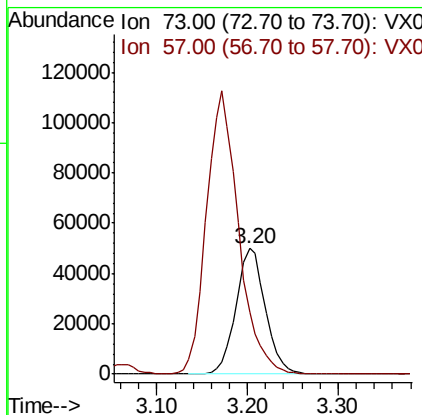
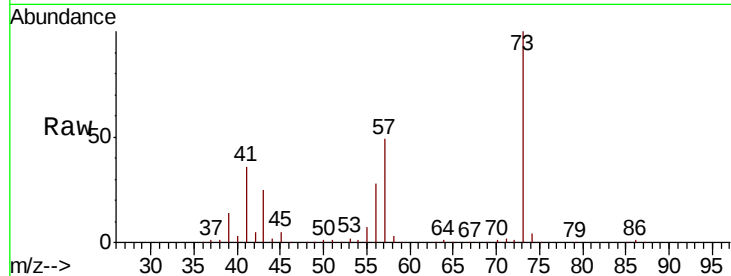


#19

Methyl tert-butyl Ether
 Concen: 23.865 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2

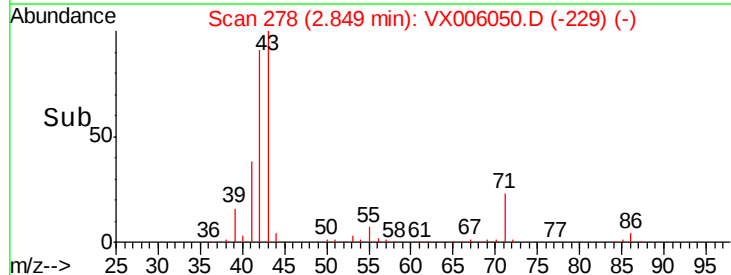
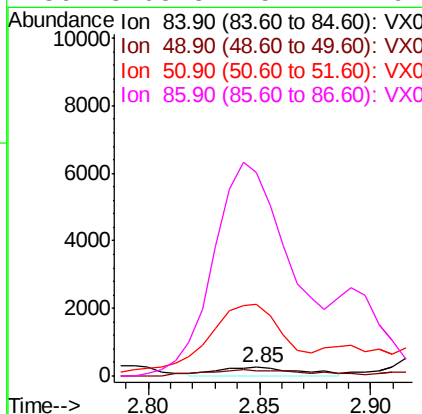
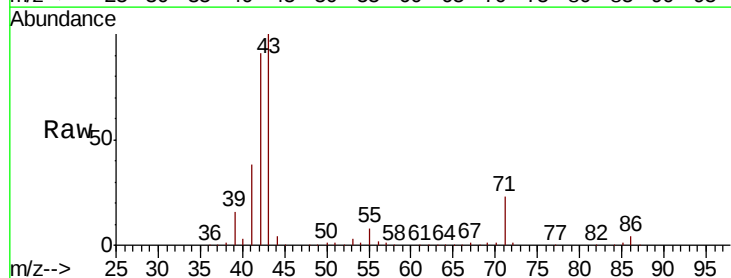
Tot Ion: 73 Resp: 111915
 Ion Ratio Lower Upper
 73 100
 57 49.1 18.8 28.2#

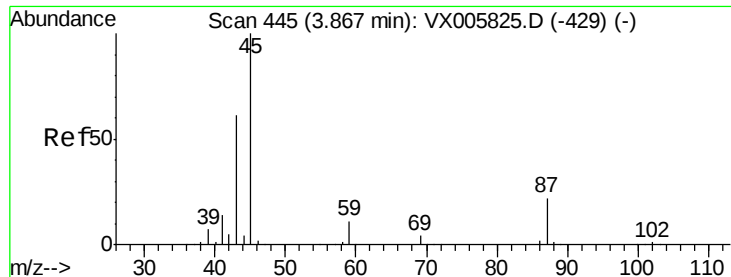


#20

Methylene Chloride
 Concen: 0.414 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Tgt Ion: 84 Resp: 654
 Ion Ratio Lower Upper
 84 100
 49 50.9 109.5 164.3#
 51 941.1 33.3 49.9#
 86 3105.5 52.7 79.1#





#22

Diisopropyl ether

Concen: 1.499 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion: 45 Resp: 8060

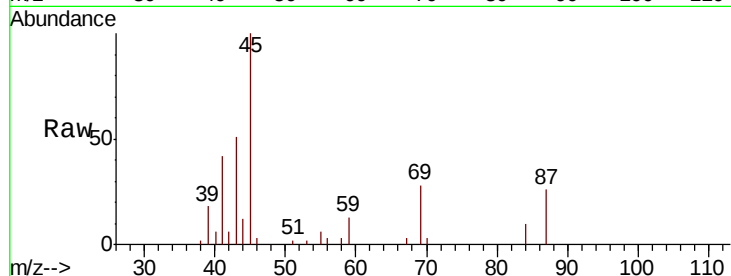
Ion Ratio Lower Upper

45 100

43 36.9 47.4 71.2#

87 25.6 15.9 23.9#

59 12.9 7.7 11.5#

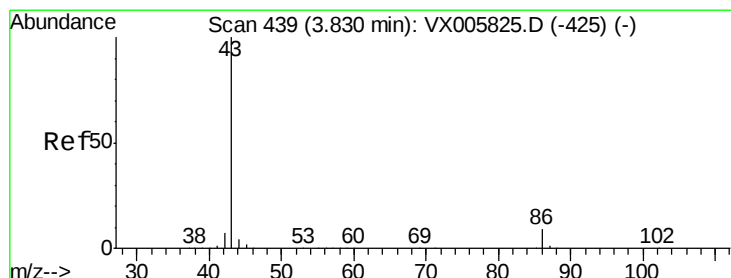
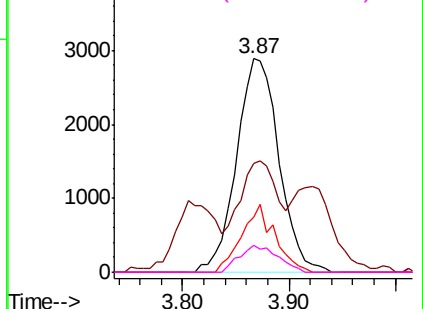
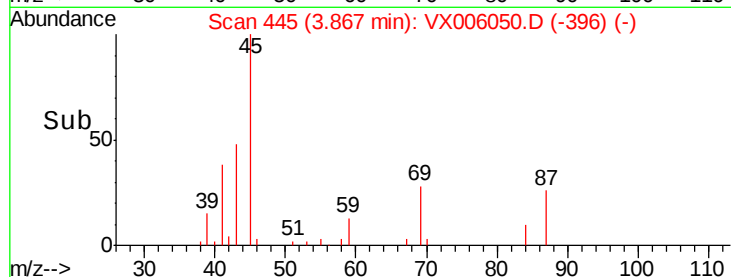


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 0.553 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.02 min

Lab File: VX006050.D

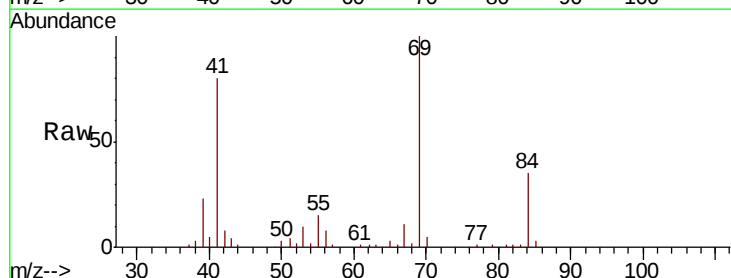
Acq: 16 Nov 2018 15:22

Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

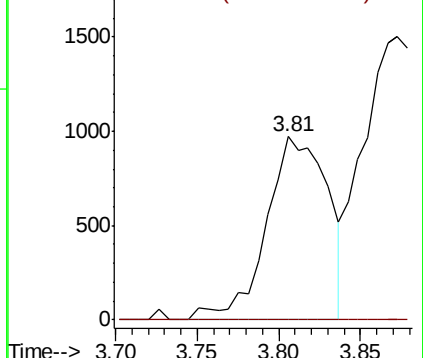
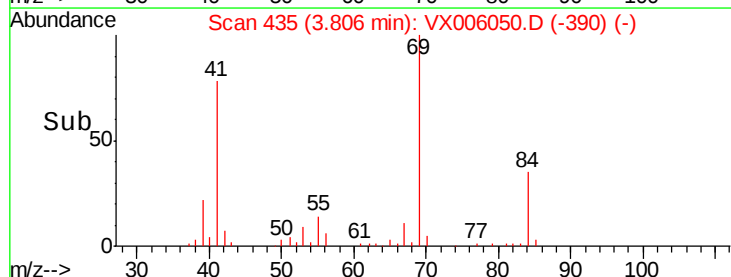
43 100

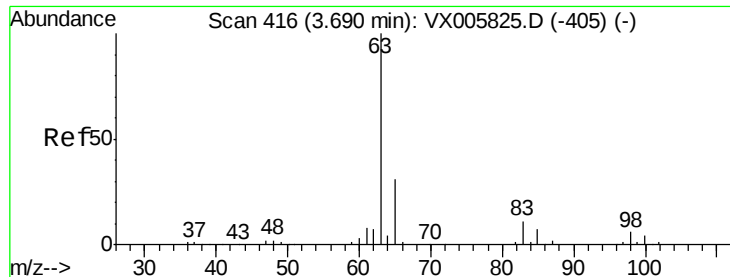
86 0.0 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 0.305 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.12 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

MW-2

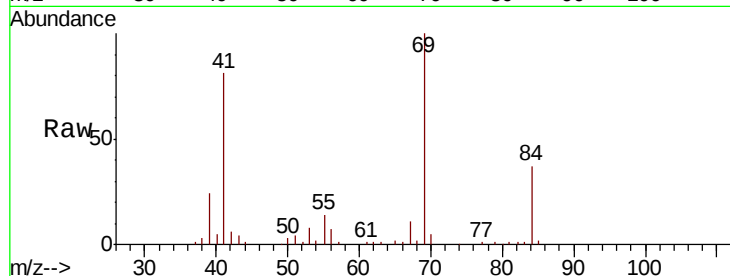
Tot Ion: 63 Resp: 875

Ion Ratio Lower Upper

63 100

98 0.0 3.2 9.6#

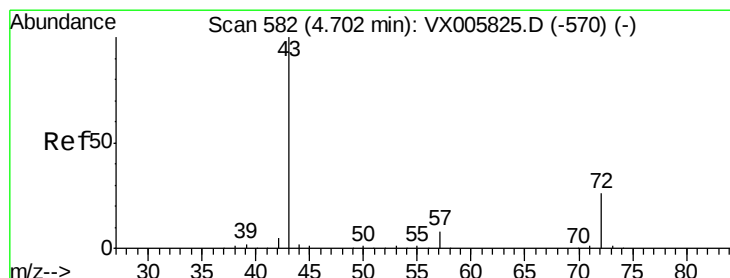
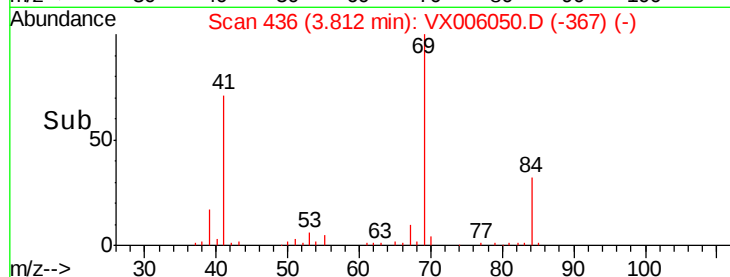
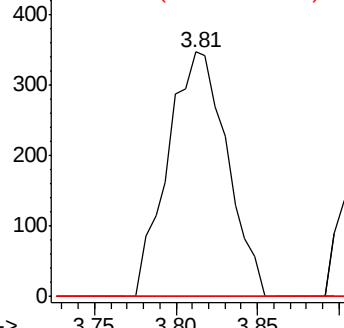
100 0.0 2.1 6.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.676 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006050.D

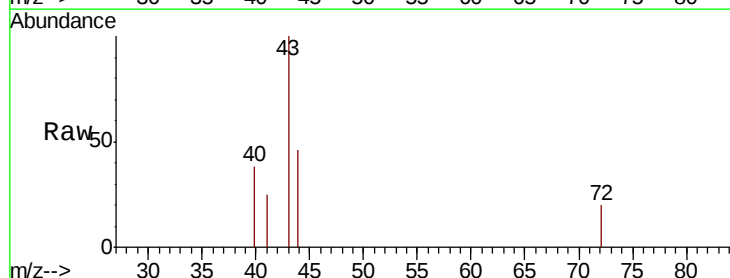
Acq: 16 Nov 2018 15:22

Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

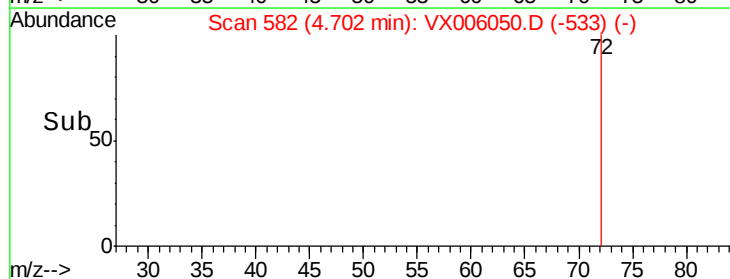
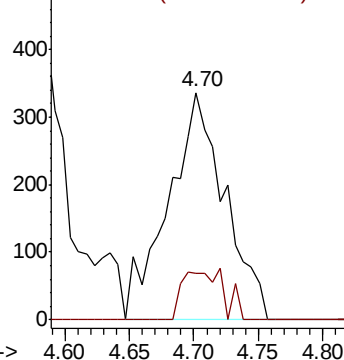
43 100

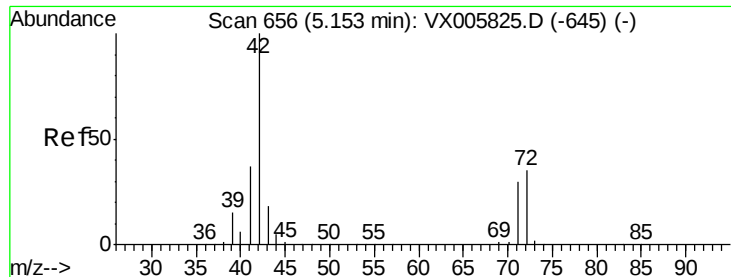
72 20.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.253 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2

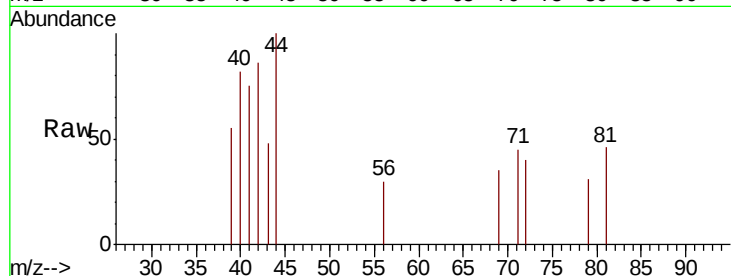
Tot Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

72 51.2 32.0 48.0#

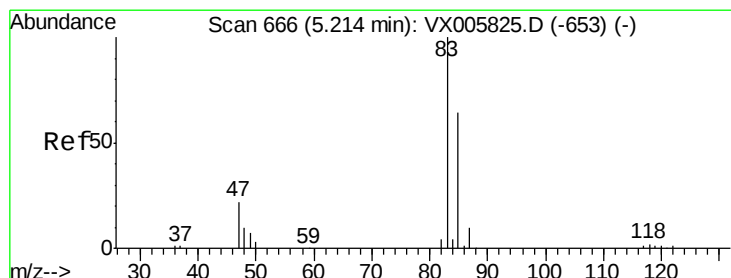
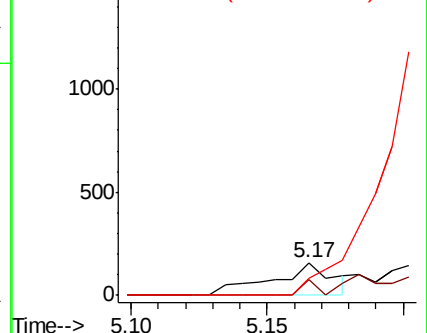
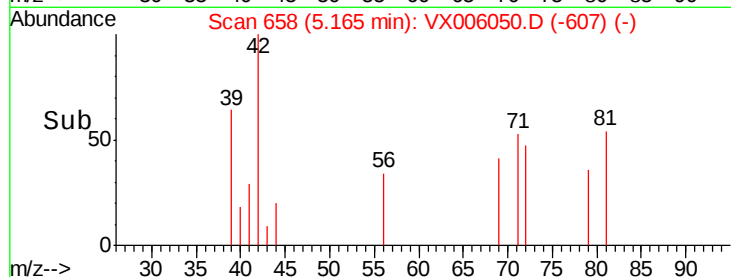
71 0.0 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 2.375 ug/l

RT: 5.28 min Scan# 677

Delta R.T. 0.07 min

Lab File: VX006050.D

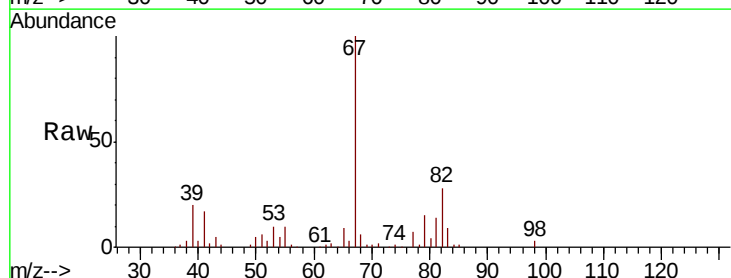
Acq: 16 Nov 2018 15:22

Tgt Ion: 83 Resp: 6571

Ion Ratio Lower Upper

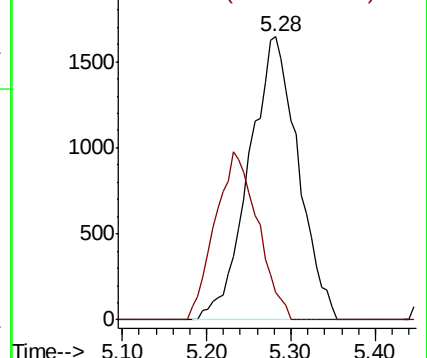
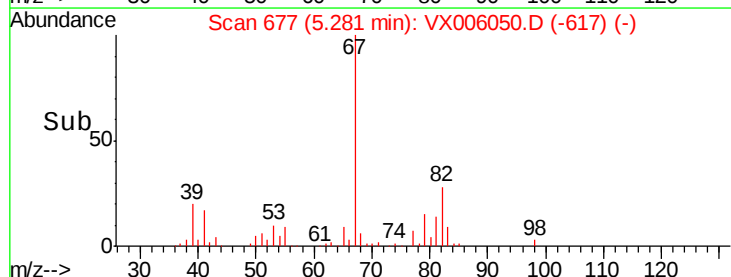
83 100

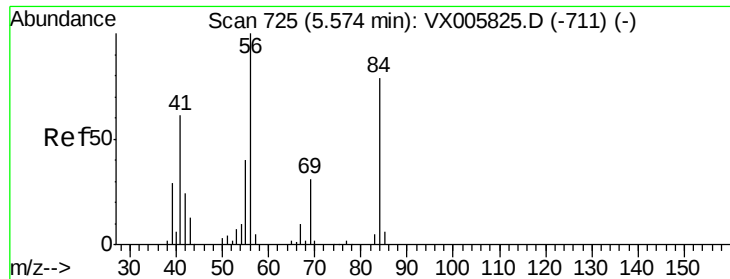
85 9.9 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

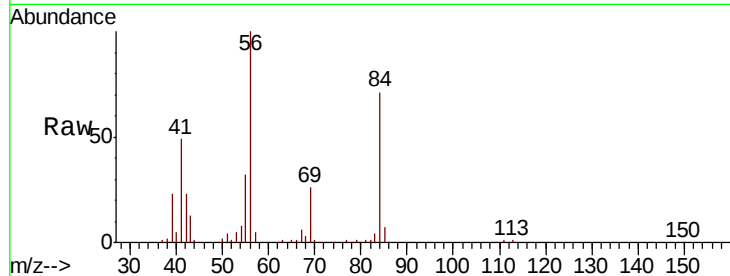




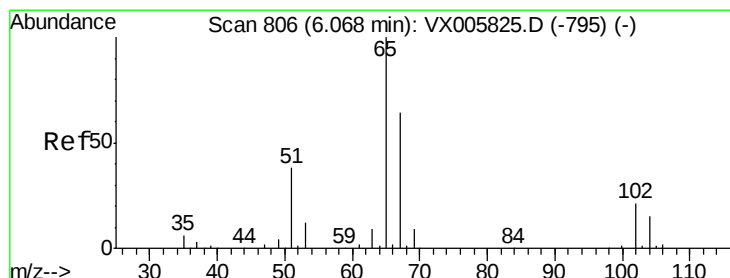
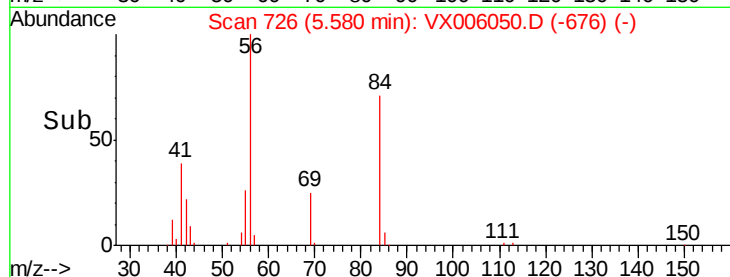
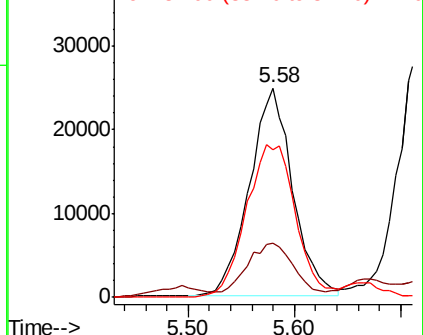
#31
Cyclohexane
Concen: 28.281 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion: 56 Resp: 70408
Ion Ratio Lower Upper
56 100
69 22.4 22.6 34.0#
84 71.1 62.7 94.1

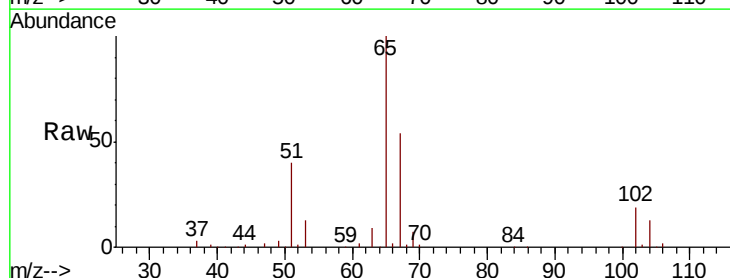


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

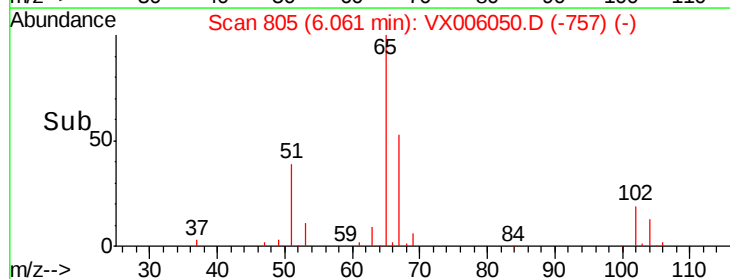
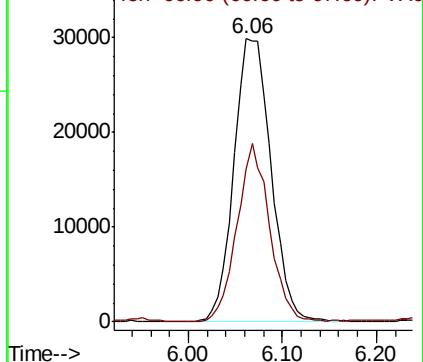


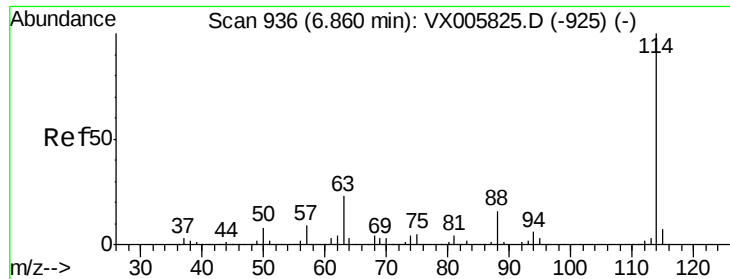
#33
1,2-Dichloroethane-d4
Concen: 46.211 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion: 65 Resp: 82584
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.0



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

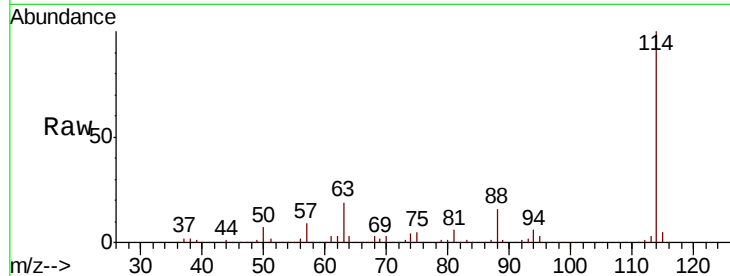




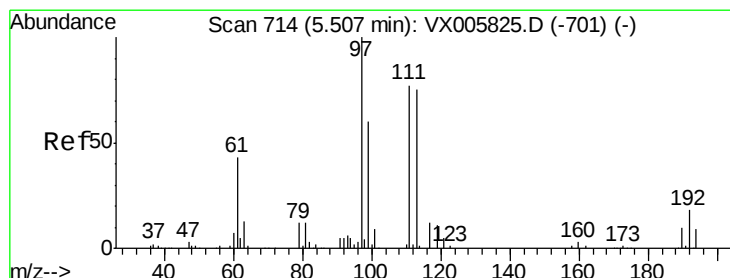
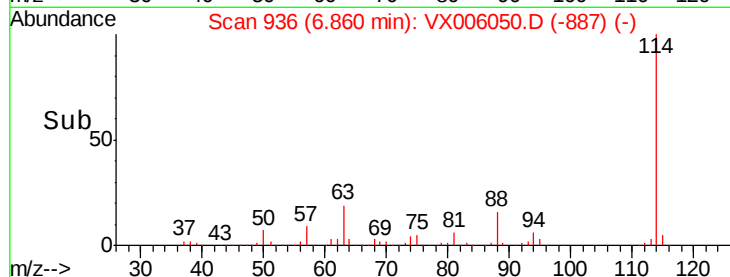
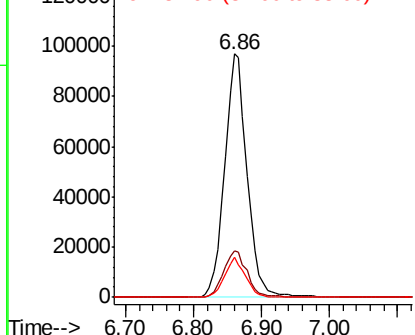
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:114 Resp: 221473
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.8
88 16.3 0.0 31.2

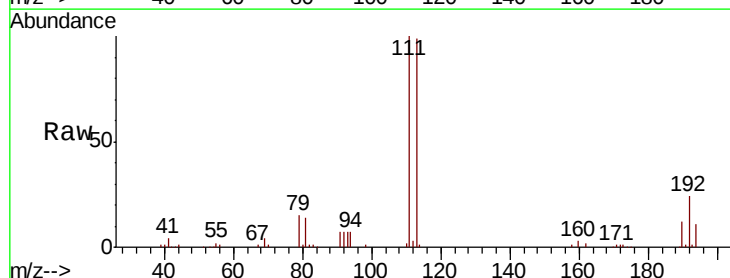


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

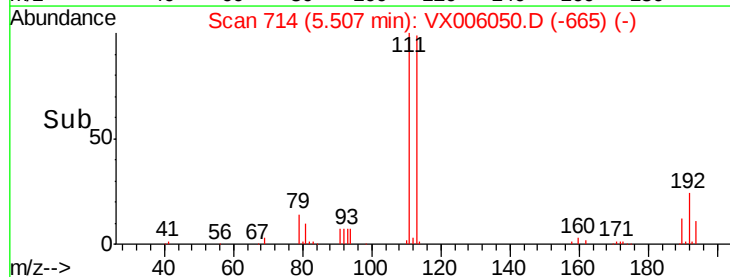
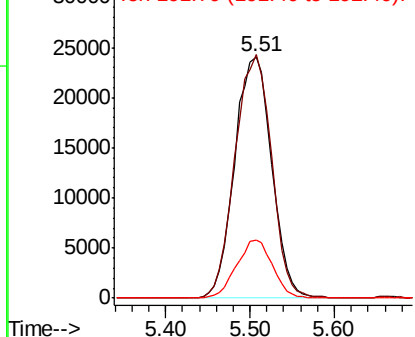


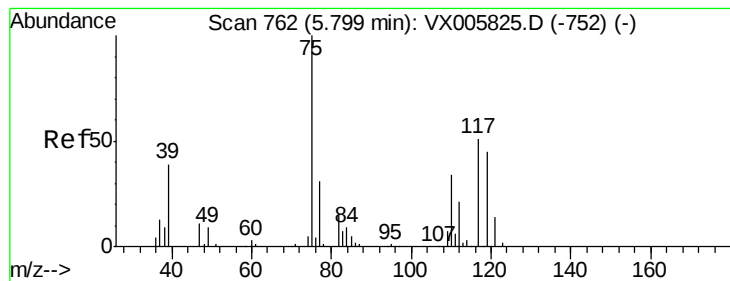
#35
Dibromofluoromethane
Concen: 47.577 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion:113 Resp: 71668
Ion Ratio Lower Upper
113 100
111 99.7 82.3 123.5
192 23.3 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

MW-2

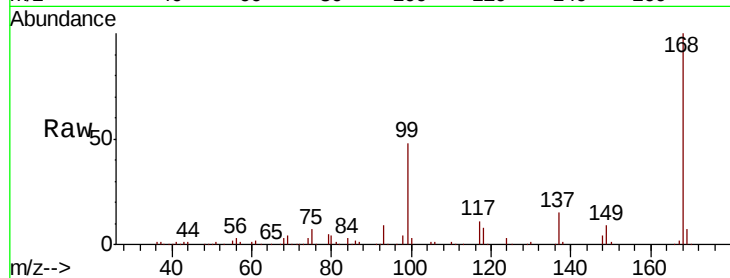
Tot Ion: 75 Resp: 10353

Ion Ratio Lower Upper

75 100

110 9.3 17.4 52.2#

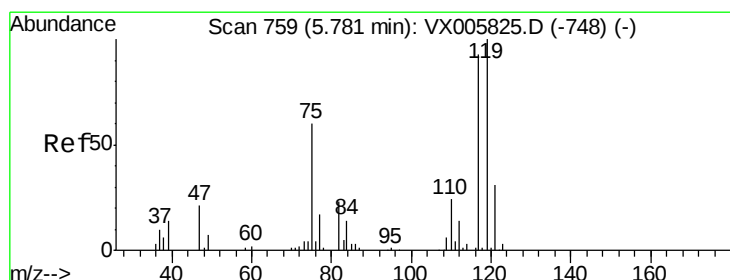
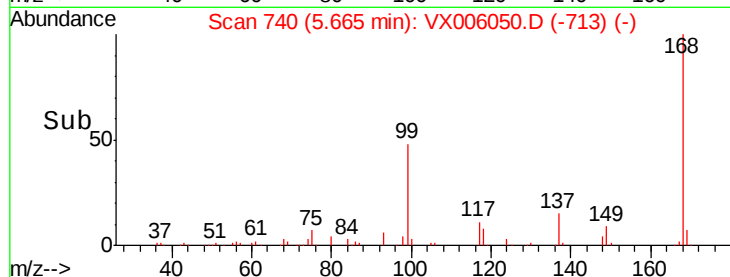
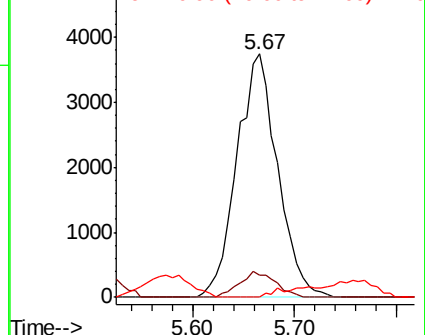
77 0.0 25.8 38.6#



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: 6.588 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

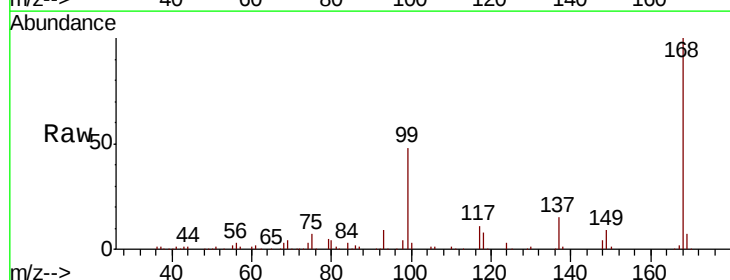
Tgt Ion: 117 Resp: 14082

Ion Ratio Lower Upper

117 100

119 4.3 78.1 117.1#

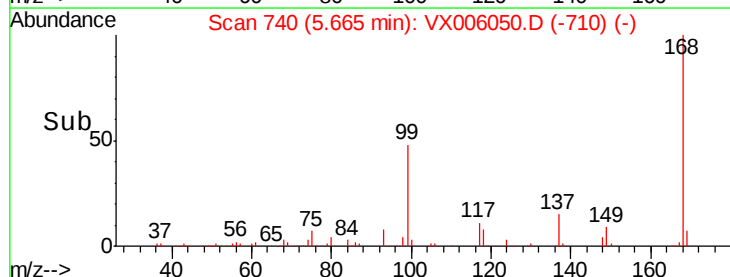
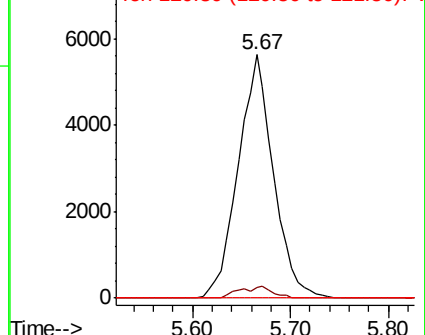
121 0.0 24.6 36.8#

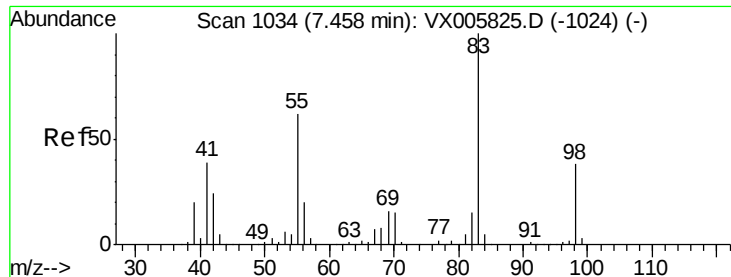


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

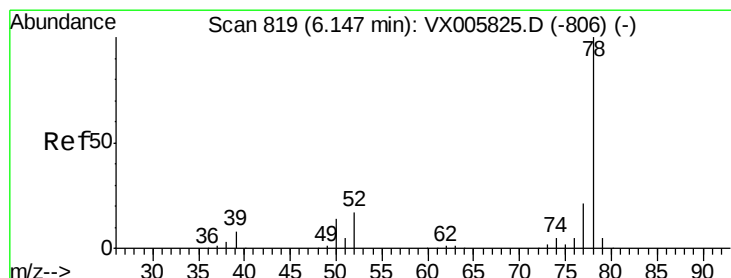
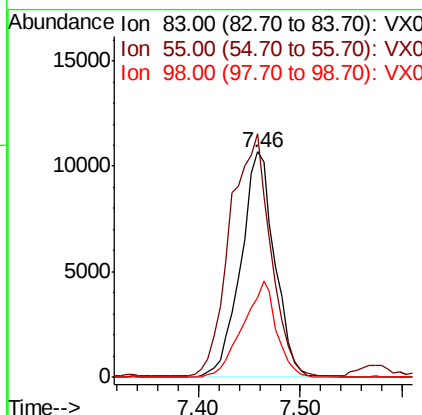
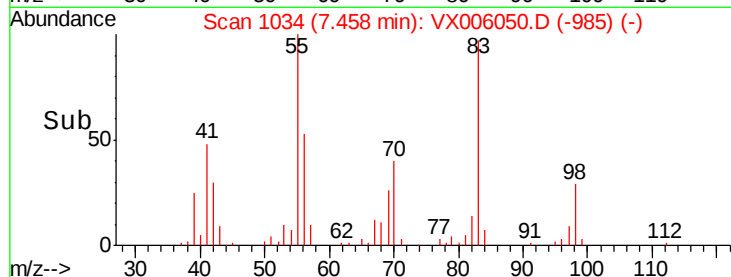
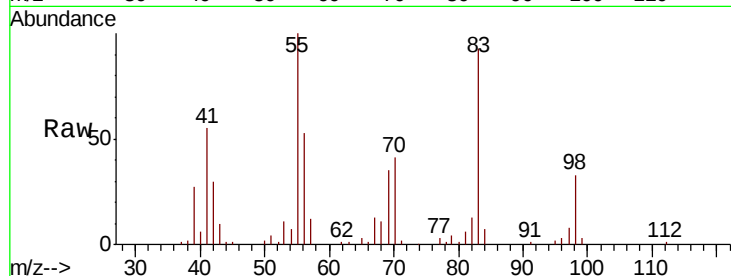




#39
Methvlcvclohexane
Concen: 11.433 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

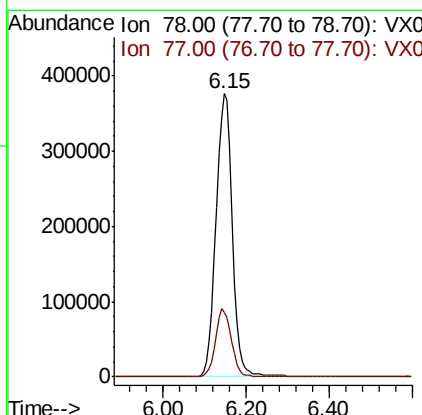
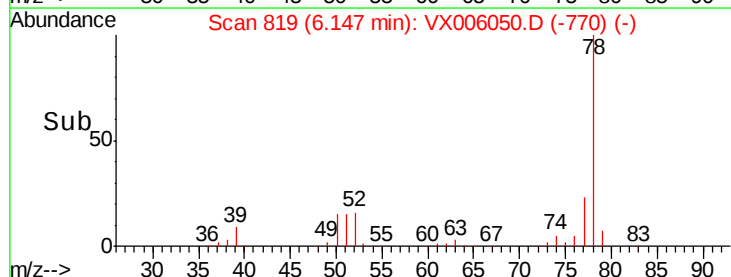
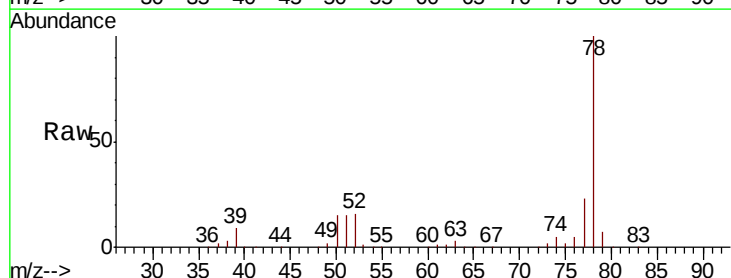
Instrument :
MSVOA_X
ClientSampleId :
MW-2

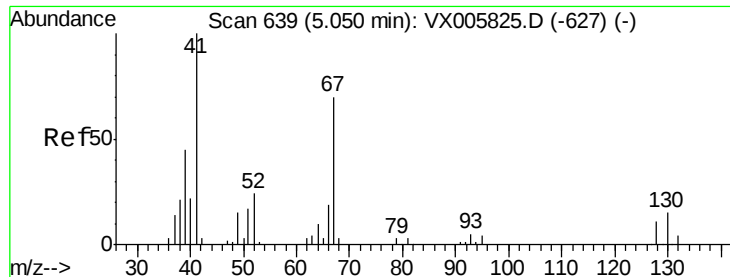
Tot Ion: 83 Resp: 24741
Ion Ratio Lower Upper
83 100
55 107.6 63.7 95.5#
98 35.5 36.2 54.2#



#40
Benzene
Concen: 163.911 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion: 78 Resp: 1020204
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6





#41

Methacrylonitrile

Concen: 0.669 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.02 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion: 41 Resp: 1015

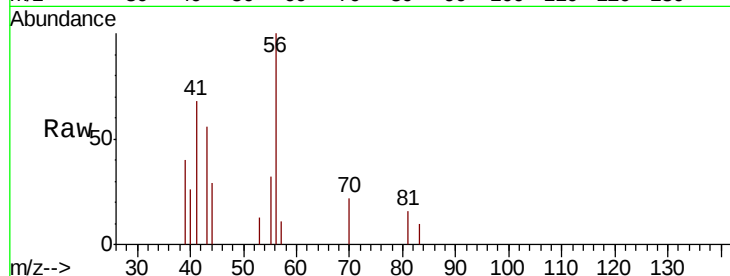
Ion Ratio Lower Upper

41 100

39 0.0 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

500

400

300

200

100

0

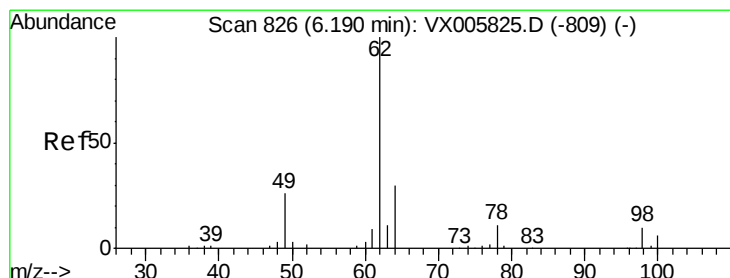
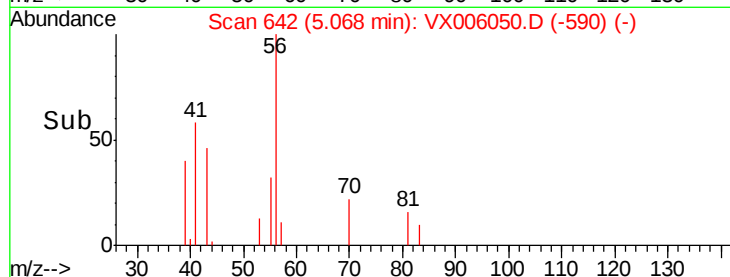
5.00

5.05

5.10

5.15

Time-->



#42

1,2-Dichloroethane

Concen: 3.580 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.04 min

Lab File: VX006050.D

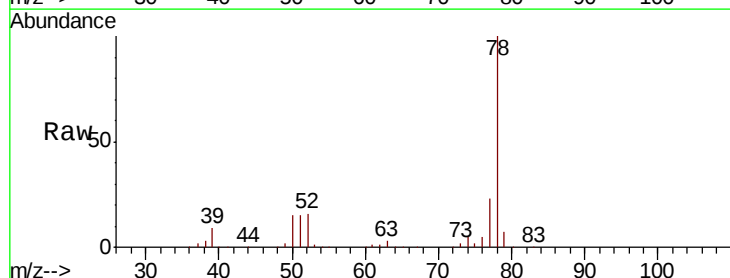
Acq: 16 Nov 2018 15:22

Tgt Ion: 62 Resp: 7982

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3000

2000

1000

0

6.05

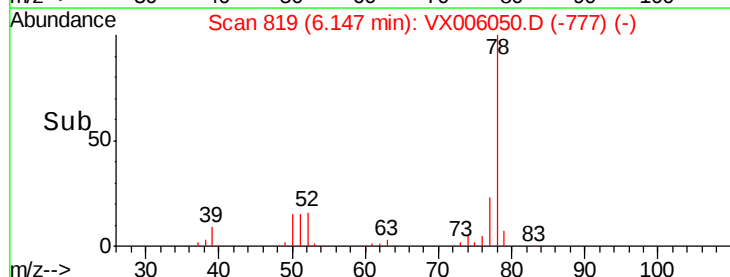
6.10

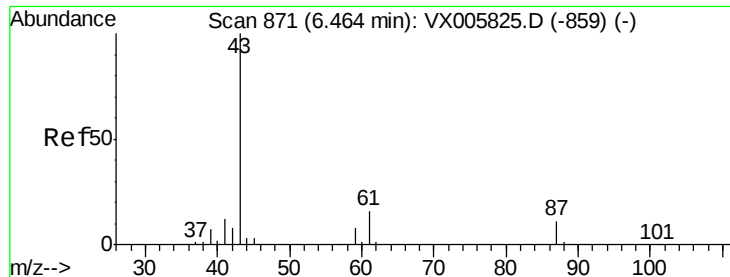
6.15

6.20

6.25

Time-->





#43

Isopropyl Acetate

Concen: 0.951 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

MW-2

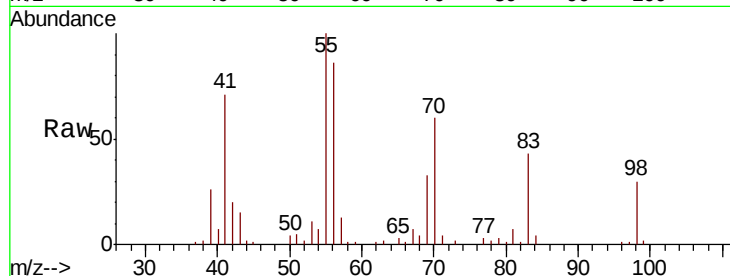
Tot Ion: 43 Resp: 3868

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

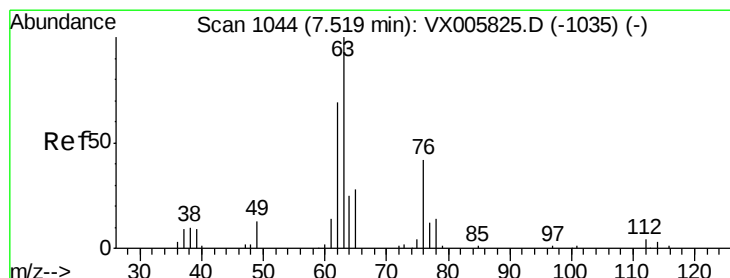
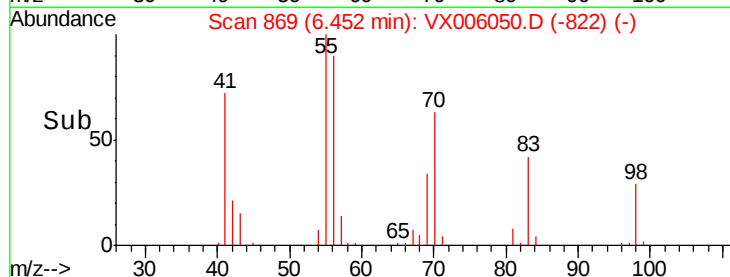
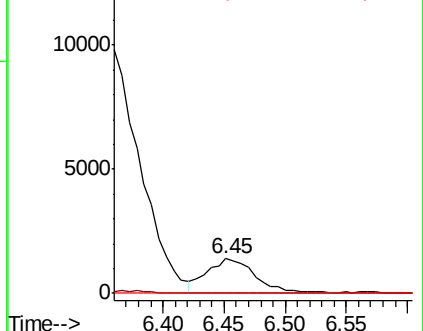
87 0.0 9.6 14.4#



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



#45

1,2-Dichloropropane

Concen: 0.332 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX006050.D

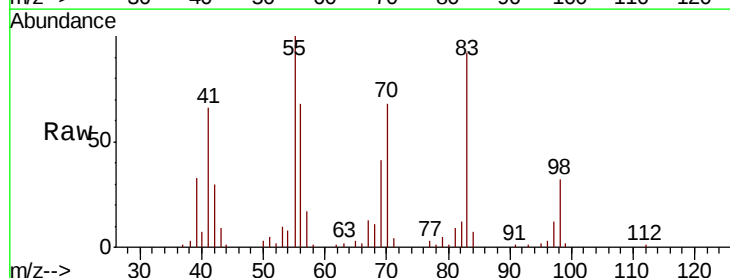
Acq: 16 Nov 2018 15:22

Tgt Ion: 63 Resp: 501

Ion Ratio Lower Upper

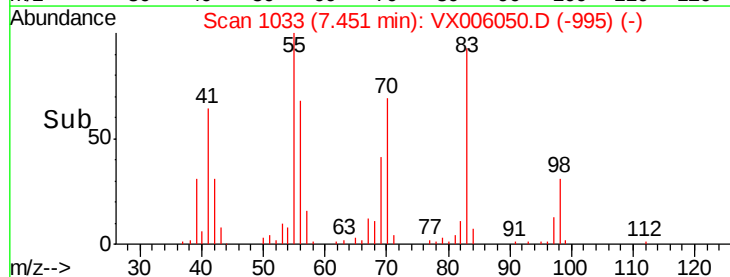
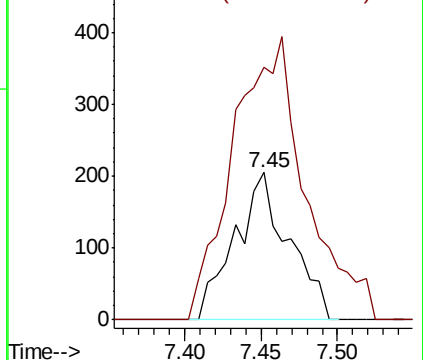
63 100

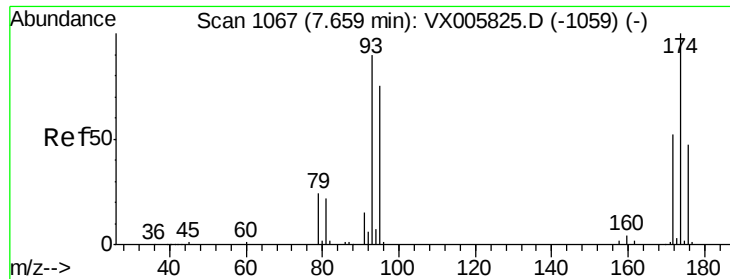
65 171.7 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

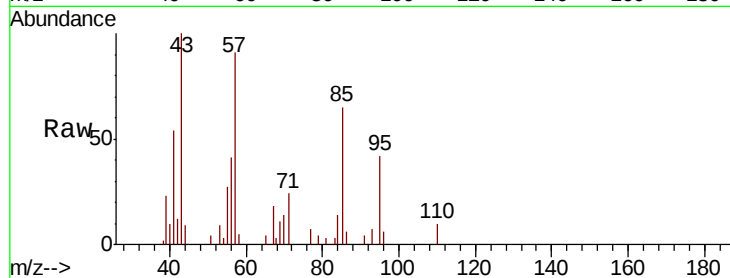




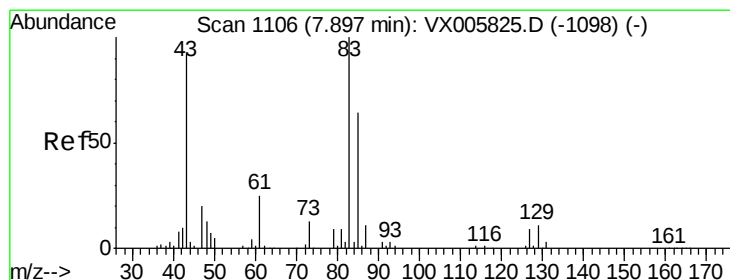
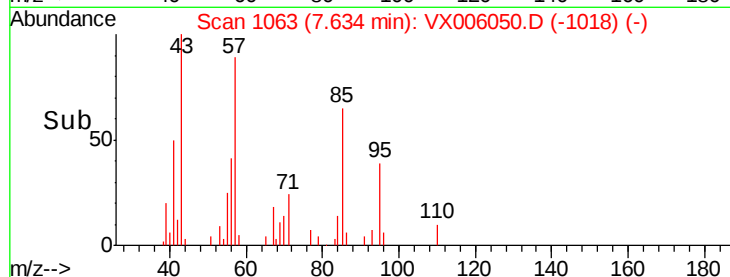
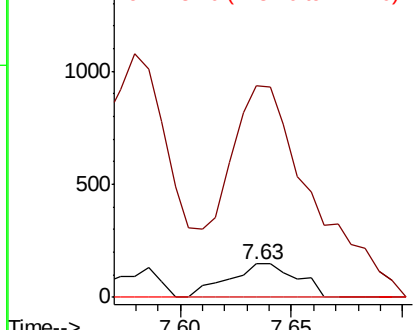
#46
Dibromomethane
Concen: 0.337 ug/l
RT: 7.63 min Scan# 1063
Delta R.T. -0.02 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion: 93 Resp: 319
Ion Ratio Lower Upper
93 100
95 766.8 67.4 101.0#
174 0.0 91.5 137.3#

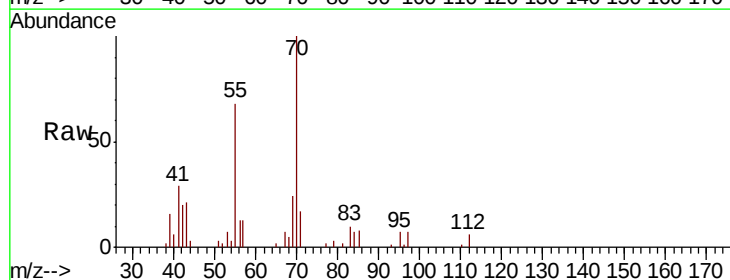


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

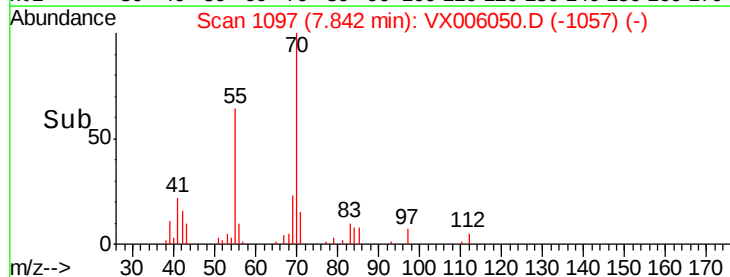
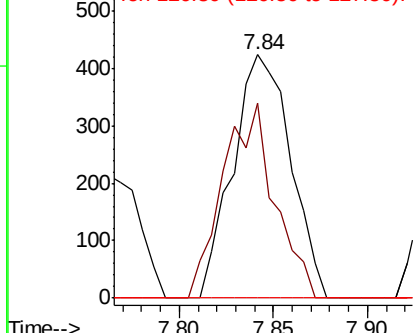


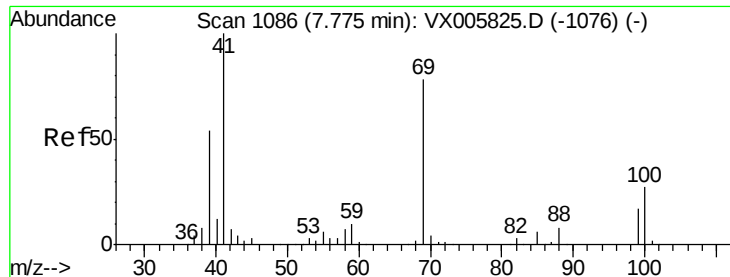
#47
Bromodichloromethane
Concen: 0.504 ug/l
RT: 7.84 min Scan# 1097
Delta R.T. -0.05 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion: 83 Resp: 903
Ion Ratio Lower Upper
83 100
85 80.2 50.2 75.4#
127 0.0 6.9 10.3#



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

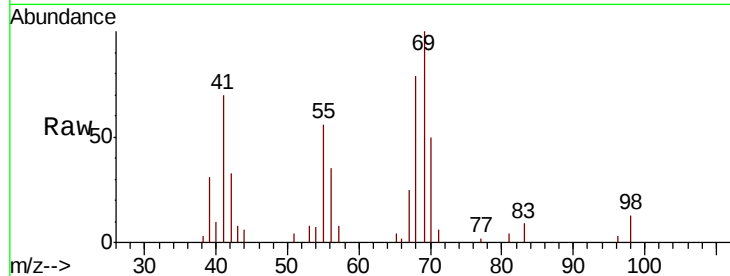




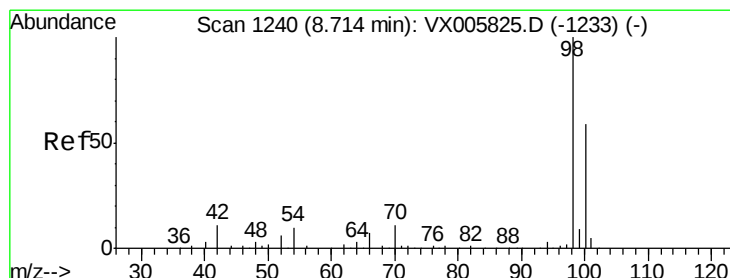
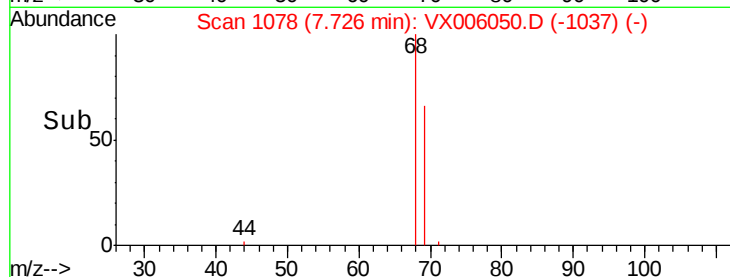
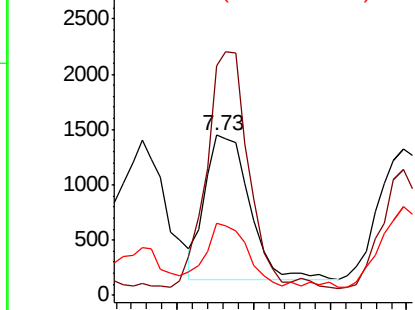
#48
Methvl methacrylate
Concen: 1.457 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion: 41 Resp: 2662
Ion Ratio Lower Upper
41 100
69 149.9 63.2 94.8#
39 40.3 42.2 63.2#

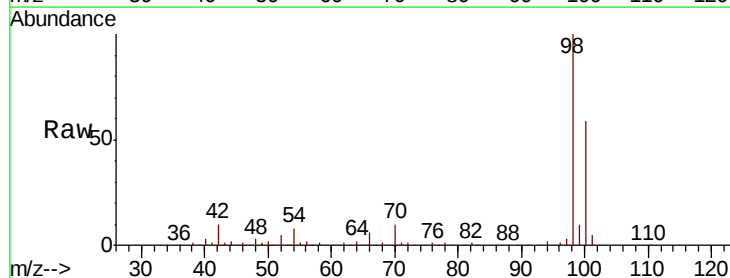


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

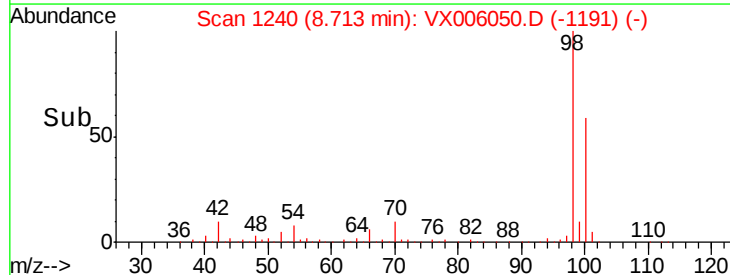
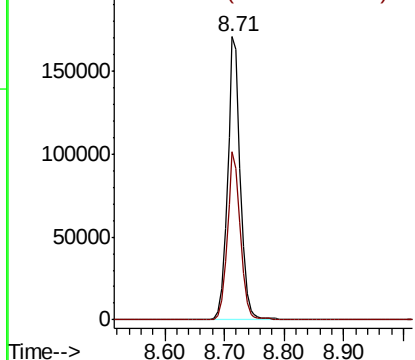


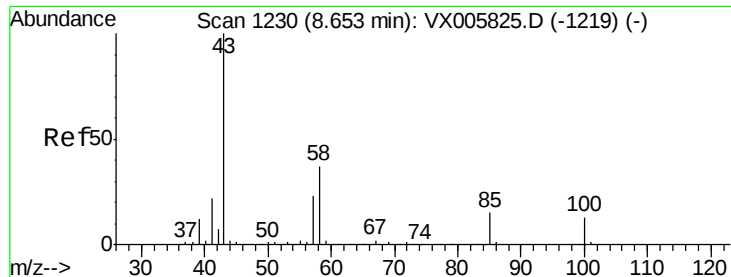
#50
Toluene-d8
Concen: 50.930 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion: 98 Resp: 255058
Ion Ratio Lower Upper
98 100
100 60.6 51.3 76.9



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: 0.720 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

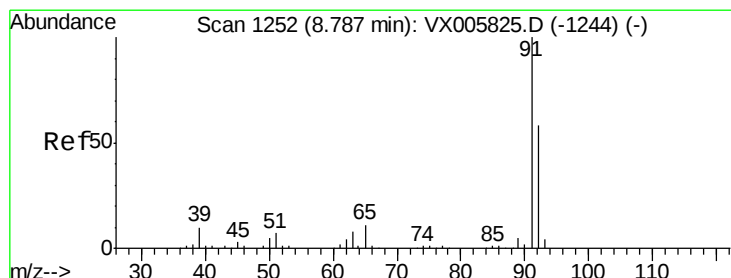
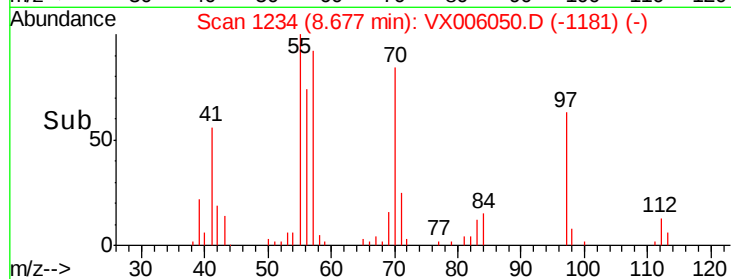
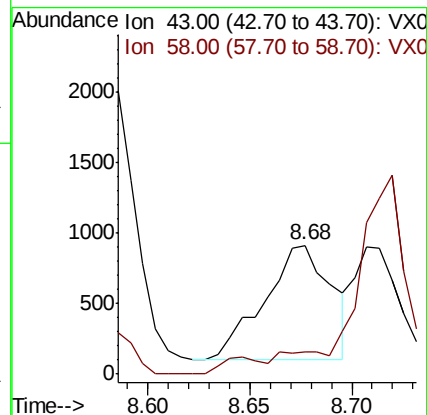
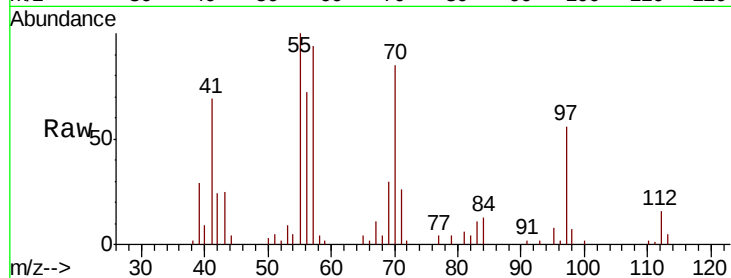
MW-2

Tot Ion: 43 Resp: 1847

Ion Ratio Lower Upper

43 100

58 9.3 29.7 44.5#



#52

Toluene

Concen: 6.041 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006050.D

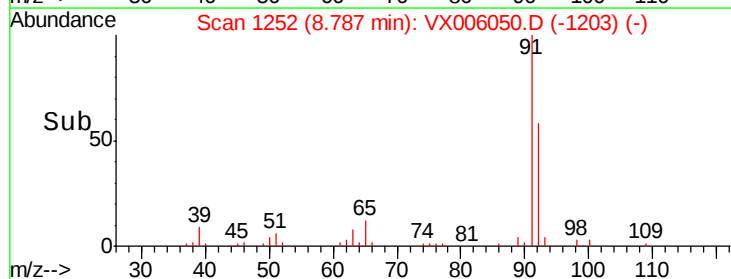
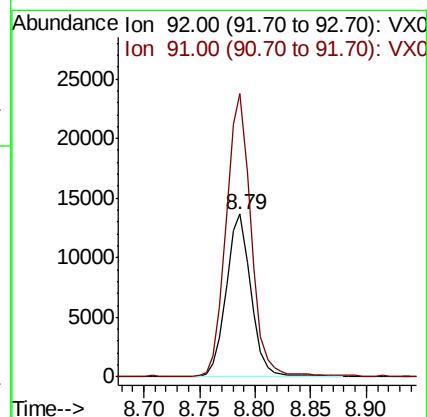
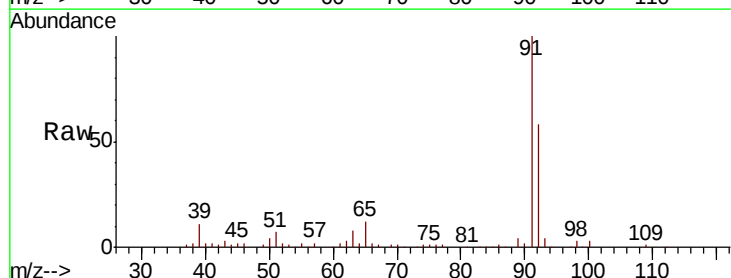
Acq: 16 Nov 2018 15:22

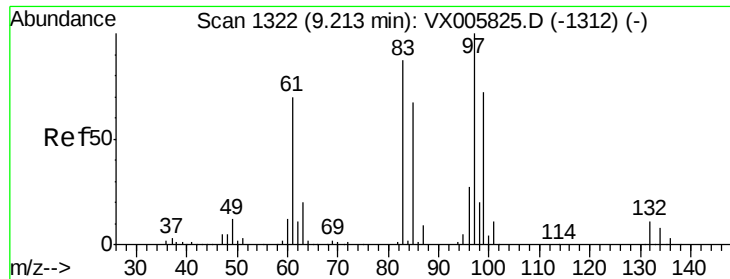
Tgt Ion: 92 Resp: 21015

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6

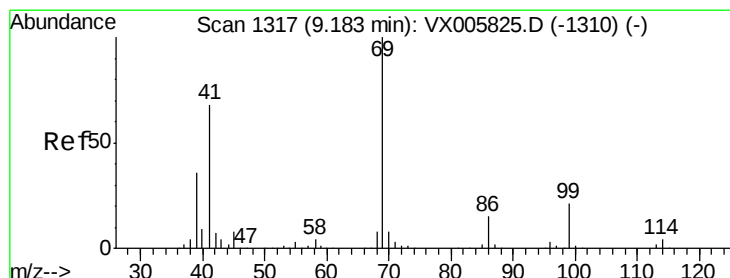
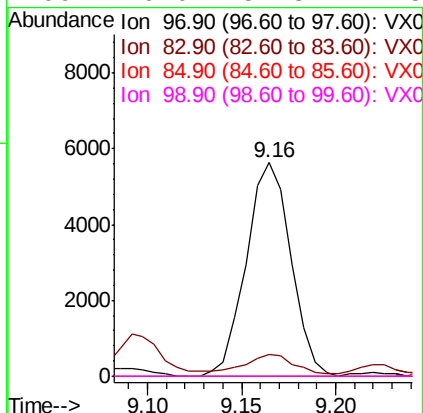
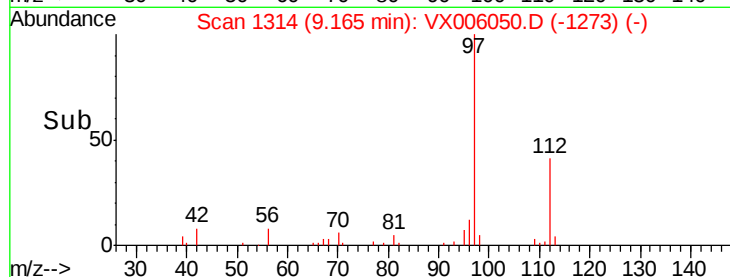
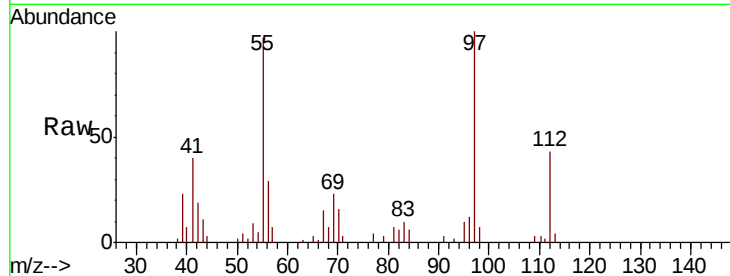




#55
 1,1,2-Trichloroethane
 Concen: 5.981 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

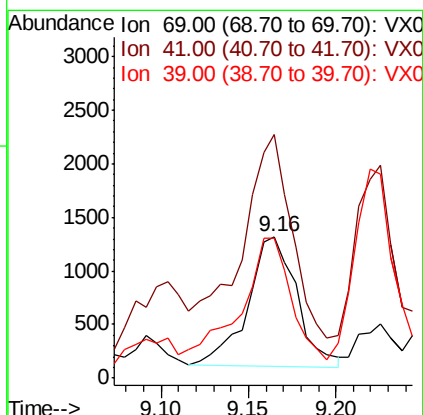
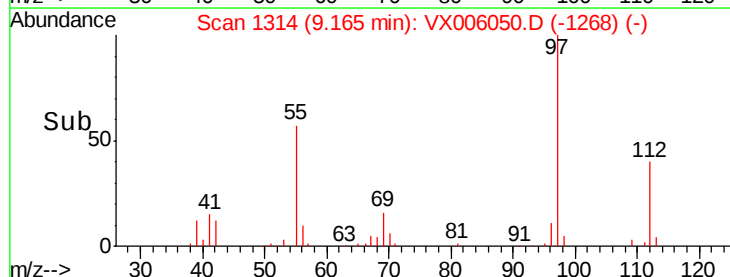
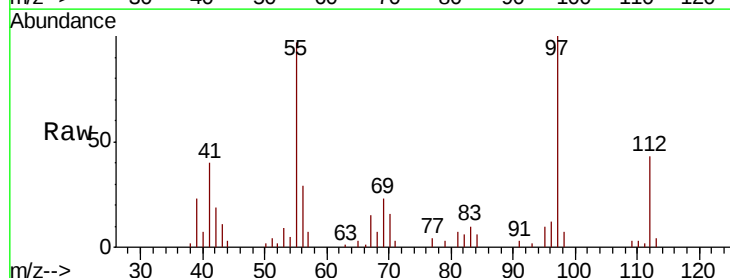
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

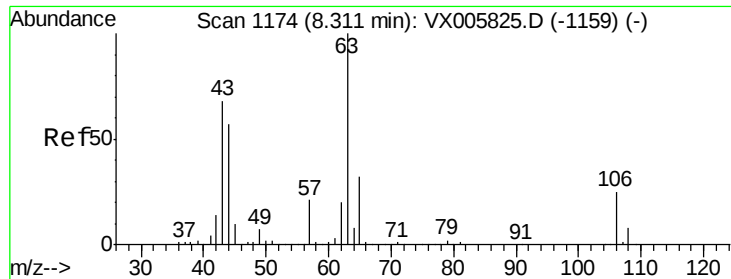
Tot Ion: 97 Resp: 9273
 Ion Ratio Lower Upper
 97 100
 83 8.7 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 1.020 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Tgt Ion: 69 Resp: 2367
 Ion Ratio Lower Upper
 69 100
 41 151.2 57.0 85.6#
 39 93.5 28.3 42.5#

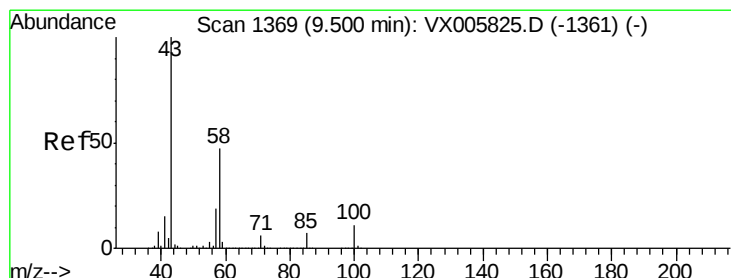
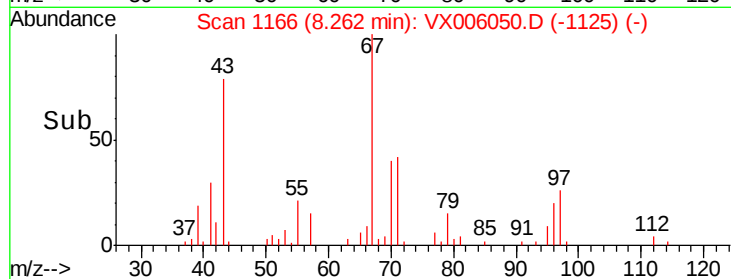
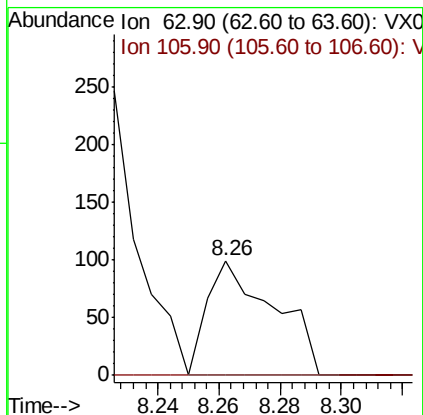
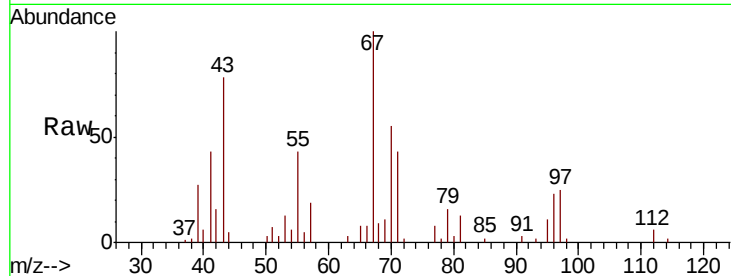




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.393 ug/l
 RT: 8.26 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

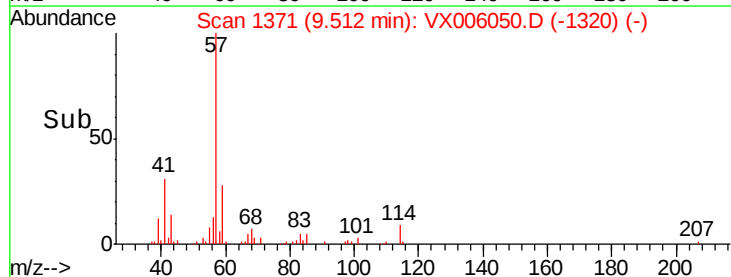
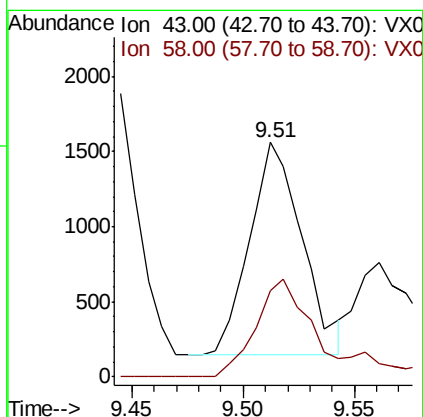
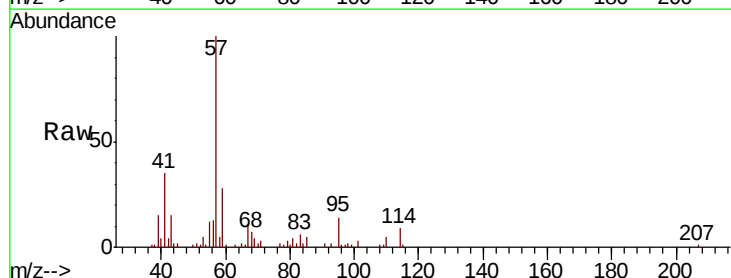
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

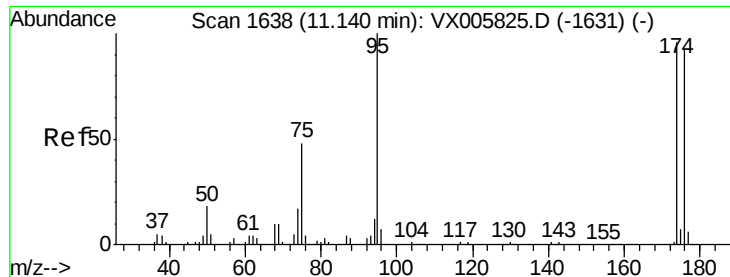
Tot Ion: 63 Resp: 150
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#59
 2-Hexanone
 Concen: 1.029 ug/l
 RT: 9.51 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Tgt Ion: 43 Resp: 2325
 Ion Ratio Lower Upper
 43 100
 58 55.5 25.9 77.8





#62

4-Bromofluorobenzene

Concen: 47.916 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2

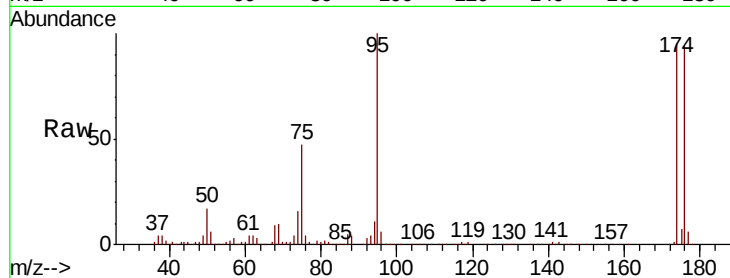
Tot Ion: 95 Resp: 86276

Ion Ratio Lower Upper

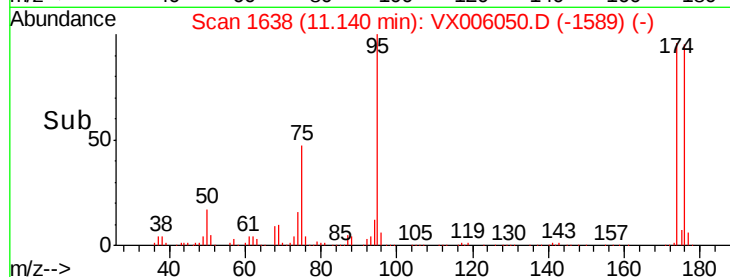
95 100

174 90.3 0.0 184.4

176 88.4 0.0 177.4

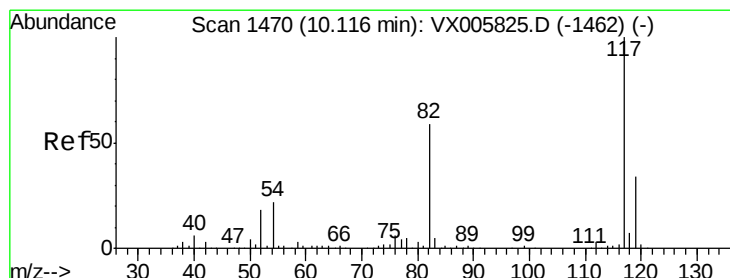
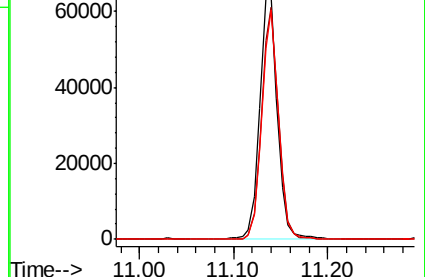


Abundance Ion 94.90 (94.60 to 95.60): VX006050.D (-1589) (-)



Ion 173.80 (173.50 to 174.50): VX006050.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006050.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

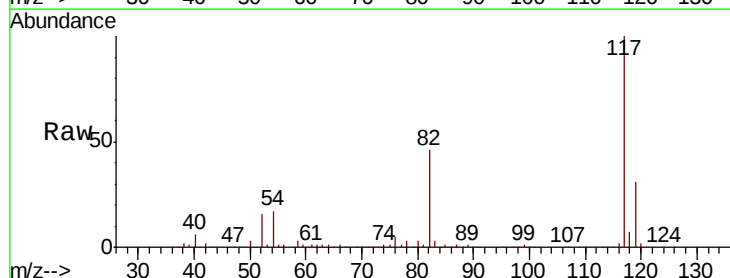
Tgt Ion: 117 Resp: 202397

Ion Ratio Lower Upper

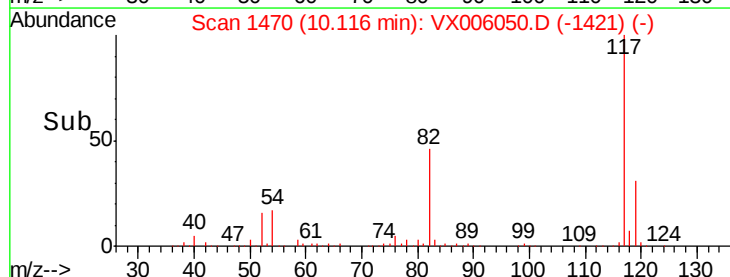
117 100

82 46.3 44.1 66.1

119 31.3 26.2 39.2

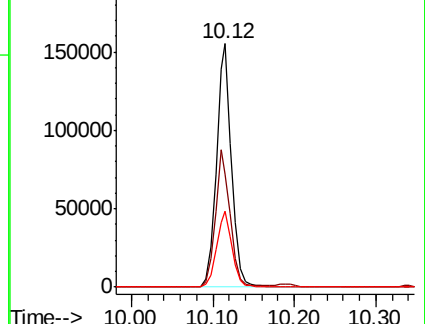


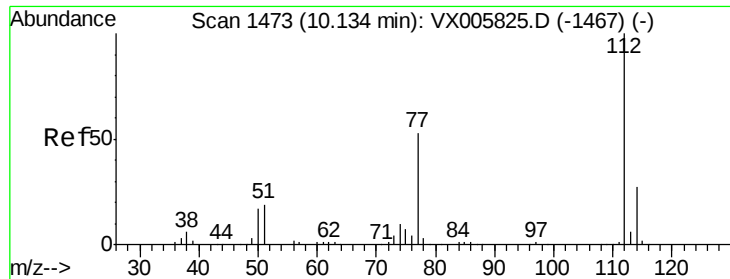
Abundance Ion 116.90 (116.60 to 117.60): VX006050.D (-1421) (-)



Ion 82.00 (81.70 to 82.70): VX006050.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006050.D (-1421) (-)

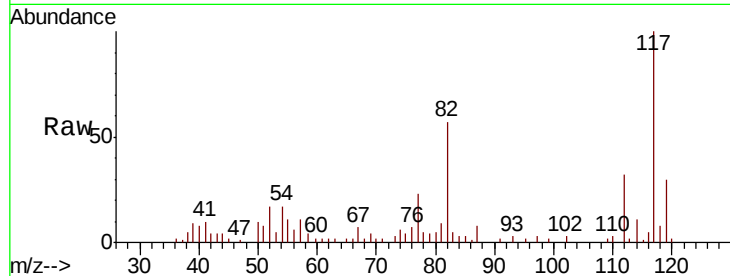




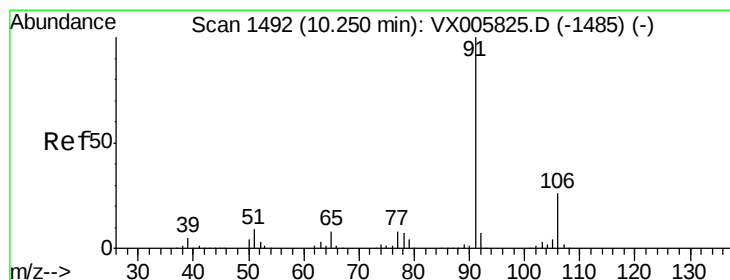
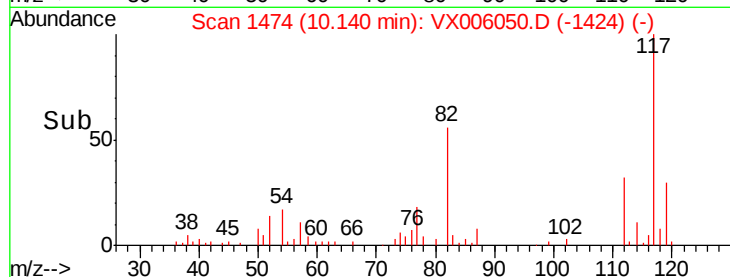
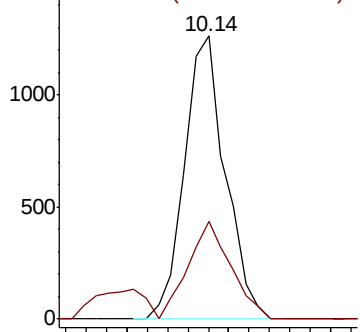
#65
Chlorobenzene
Concen: 0.432 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tot Ion:112 Resp: 1750
Ion Ratio Lower Upper
112 100
114 34.3 25.8 38.6

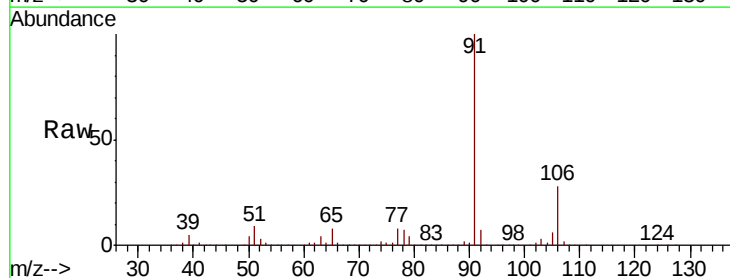


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

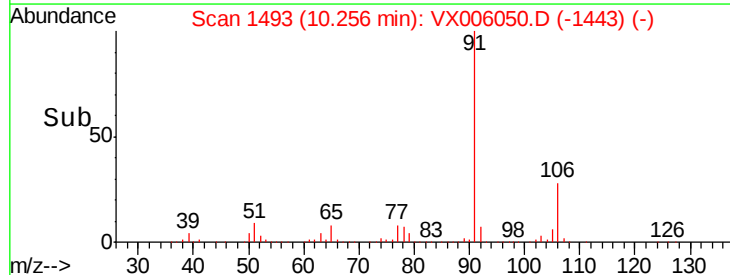
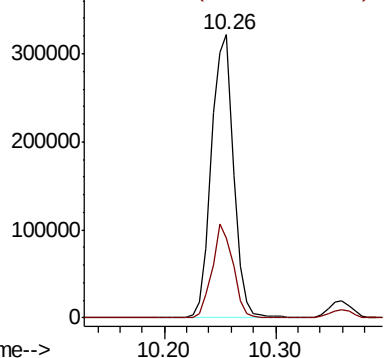


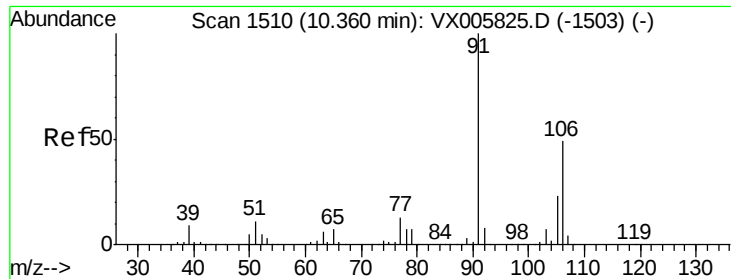
#67
Ethyl Benzene
Concen: 68.160 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion: 91 Resp: 443159
Ion Ratio Lower Upper
91 100
106 28.3 24.4 36.6



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

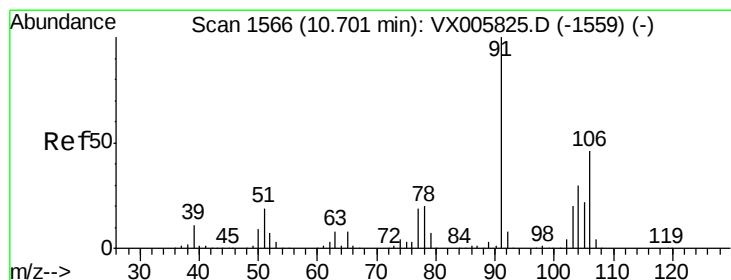
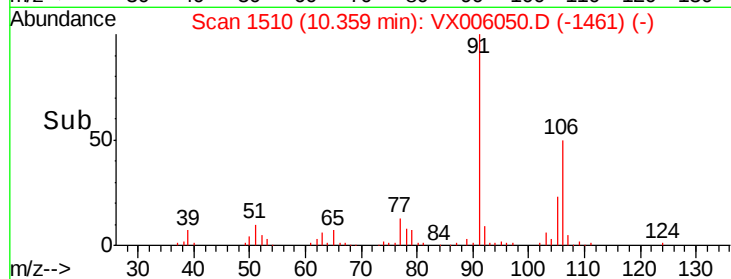
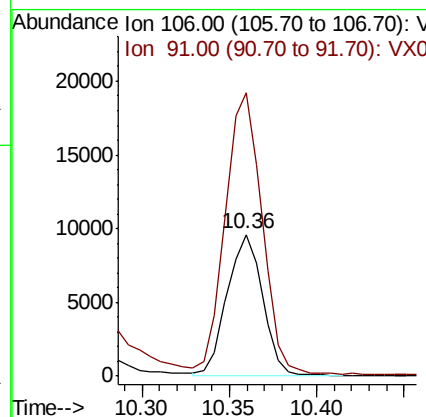
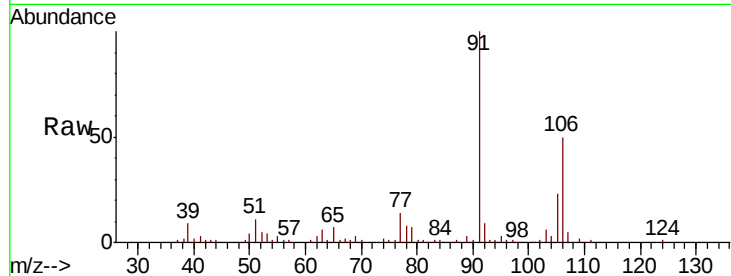




#68
m/p-Xvlenes
Concen: 5.523 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

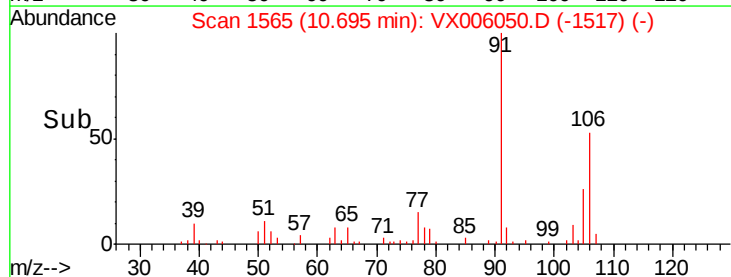
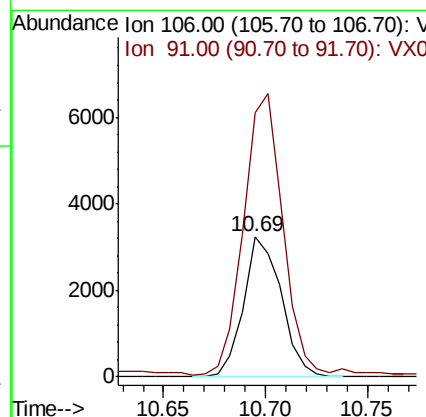
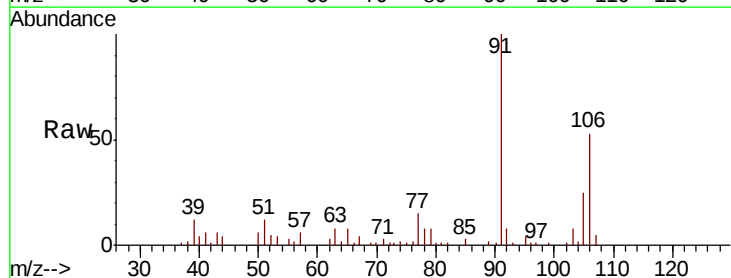
Instrument :
MSVOA_X
ClientSampleId :
MW-2

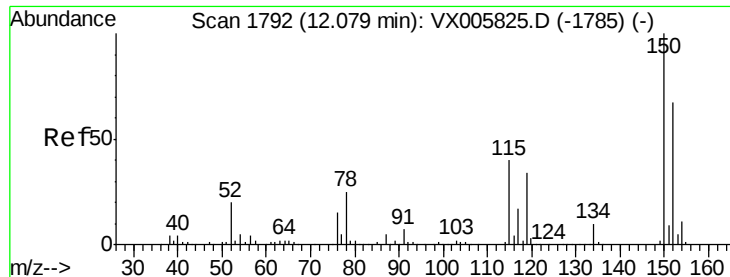
Tot Ion:106 Resp: 13697
Ion Ratio Lower Upper
106 100
91 203.4 164.2 246.4



#69
o-Xylene
Concen: 1.867 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion:106 Resp: 4152
Ion Ratio Lower Upper
106 100
91 213.7 108.5 325.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW-2

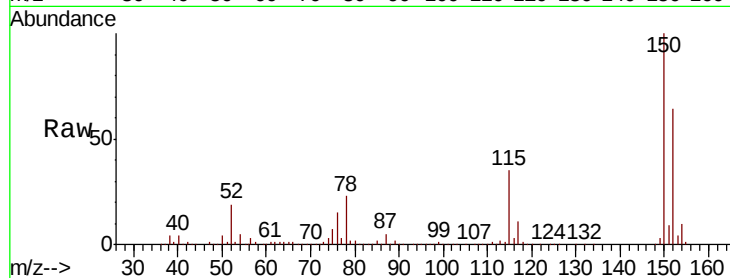
Tot Ion:152 Resp: 92624

Ion Ratio Lower Upper

152 100

115 55.2 39.4 118.1

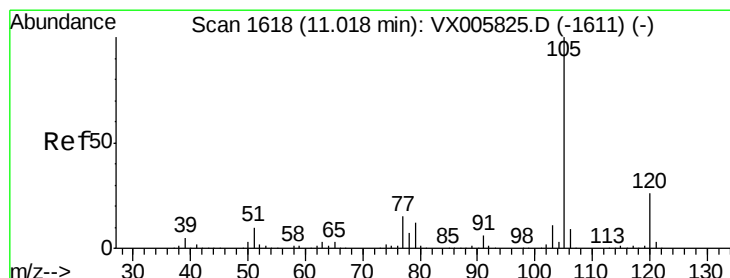
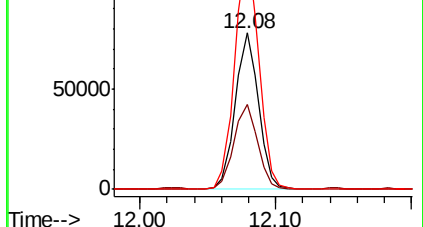
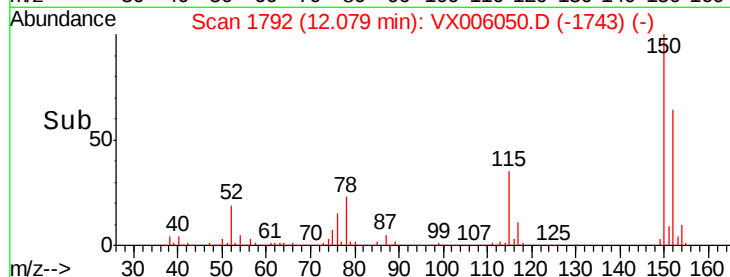
150 155.5 0.0 346.4



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



#73

Isopropylbenzene

Concen: 14.389 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006050.D

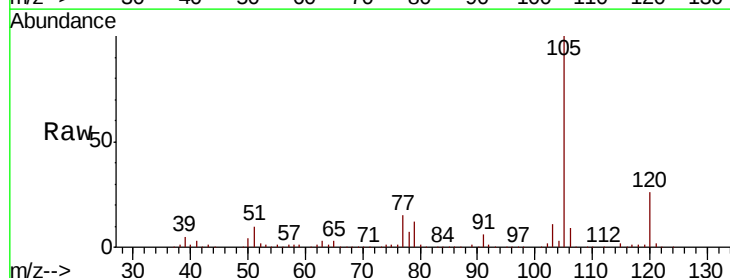
Acq: 16 Nov 2018 15:22

Tgt Ion:105 Resp: 77071

Ion Ratio Lower Upper

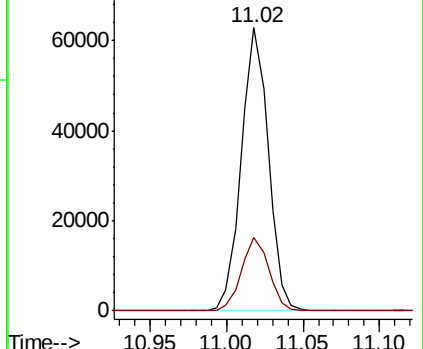
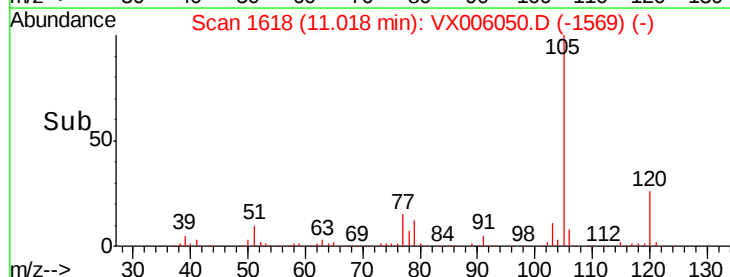
105 100

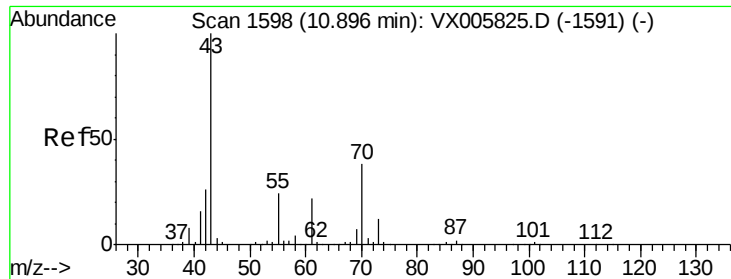
120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.333 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

MW-2

Tot Ion: 43 Resp: 253

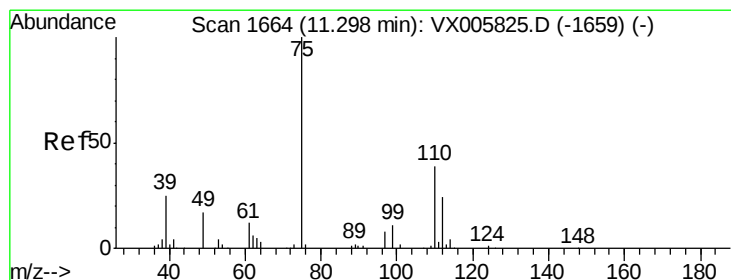
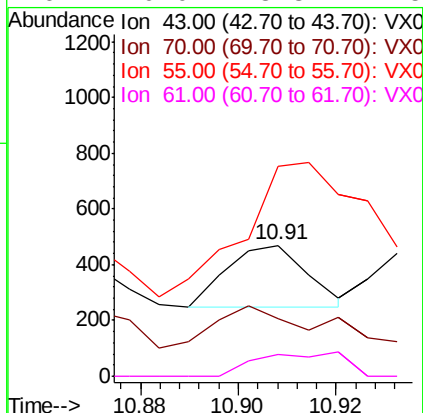
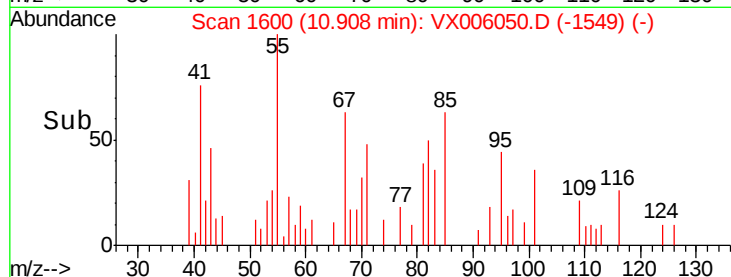
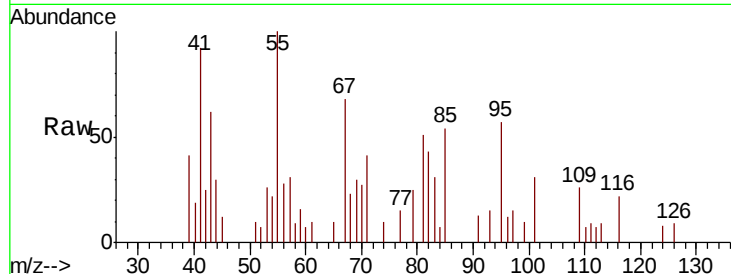
Ion Ratio Lower Upper

43 100

70 153.0 31.6 47.4#

55 372.7 19.7 29.5#

61 0.0 18.3 27.5#



#76

1,2,3-Trichloropropane

Concen: 22.136 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006050.D

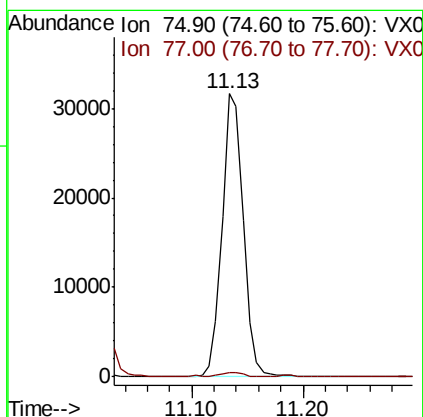
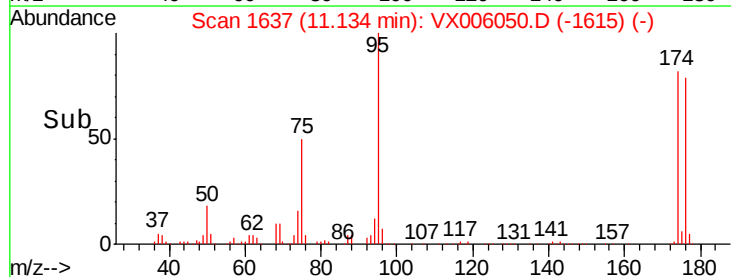
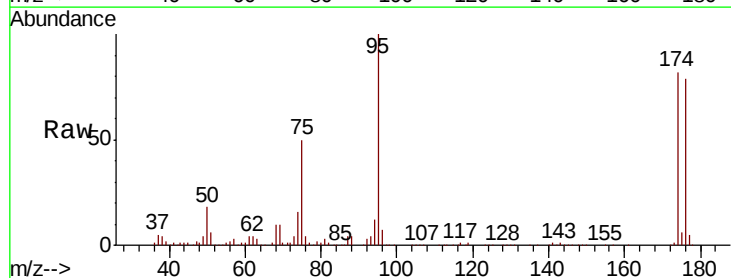
Acq: 16 Nov 2018 15:22

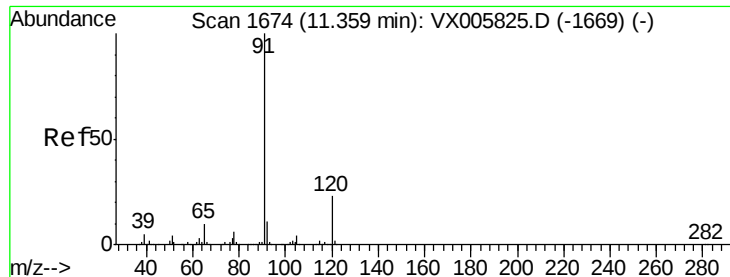
Tgt Ion: 75 Resp: 41749

Ion Ratio Lower Upper

75 100

77 1.4 20.5 61.6#





#78

n-propylbenzene

Concen: 27.480 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

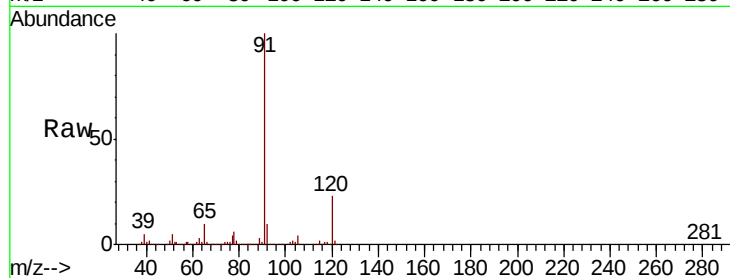
MW-2

Tot Ion: 91 Resp: 173470

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

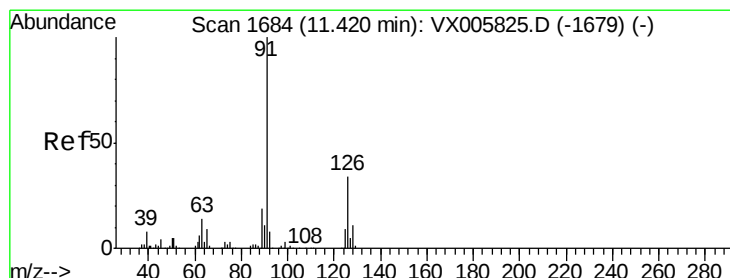
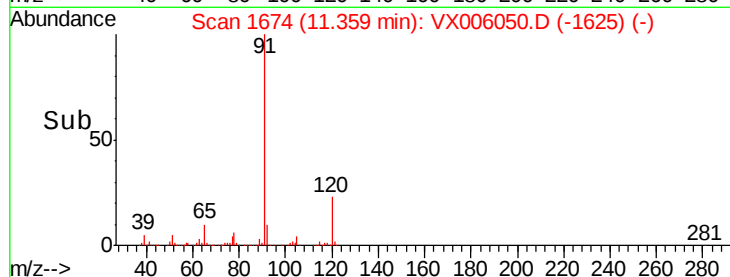
0

11.36

11.30

11.40

Time-->



#79

2-Chlorotoluene

Concen: 45.464 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006050.D

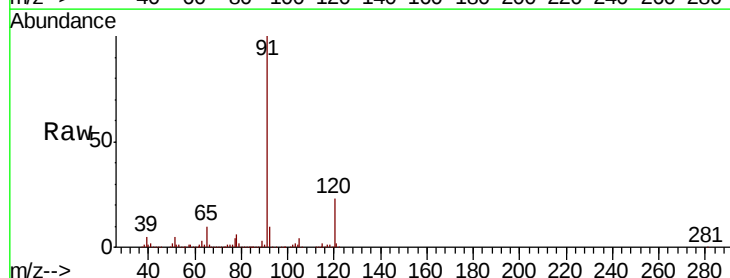
Acq: 16 Nov 2018 15:22

Tgt Ion: 91 Resp: 173470

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

150000

100000

50000

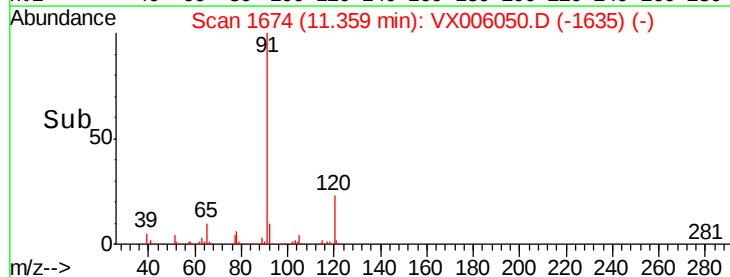
0

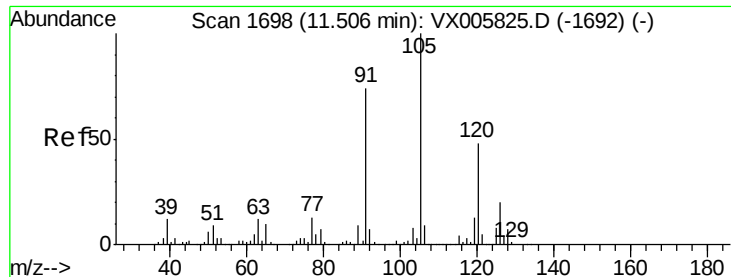
11.36

11.30

11.40

Time-->

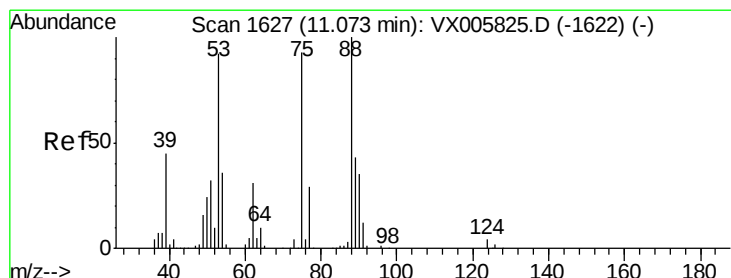
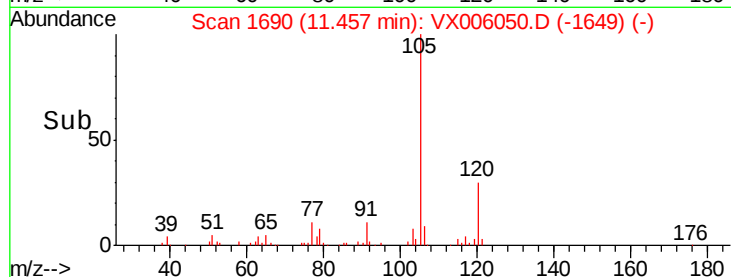
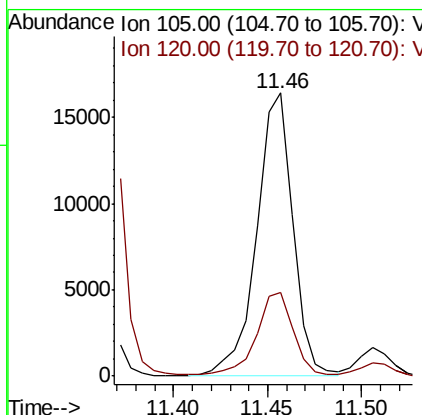
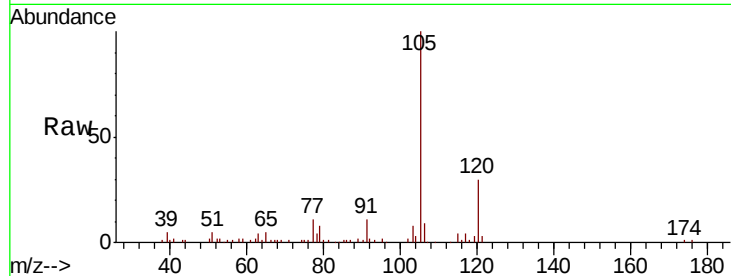




#80
 1,3,5-Trimethylbenzene
 Concen: 4.824 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

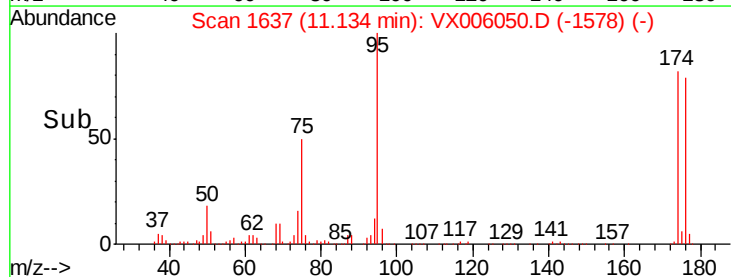
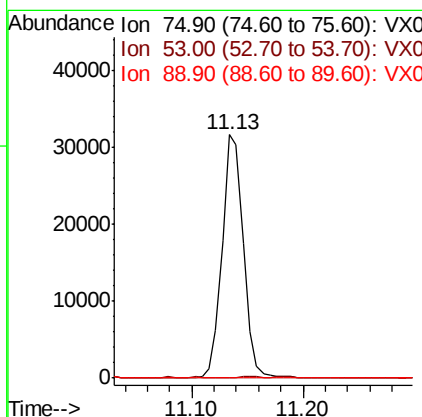
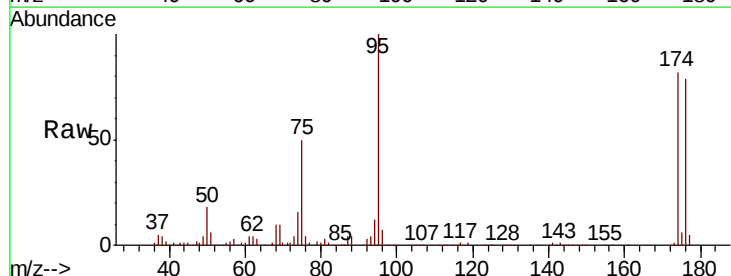
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

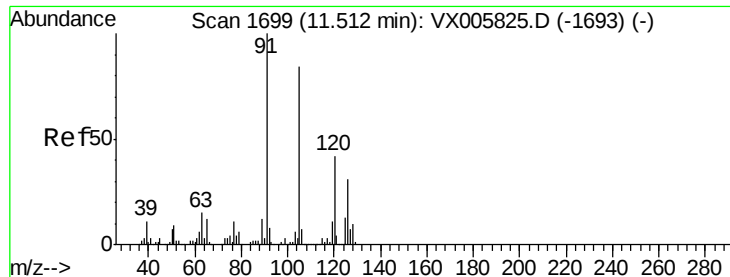
Tot Ion:105 Resp: 21956
 Ion Ratio Lower Upper
 105 100
 120 30.5 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.551 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006050.D
 Acq: 16 Nov 2018 15:22

Tgt Ion: 75 Resp: 41749
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 38.576 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

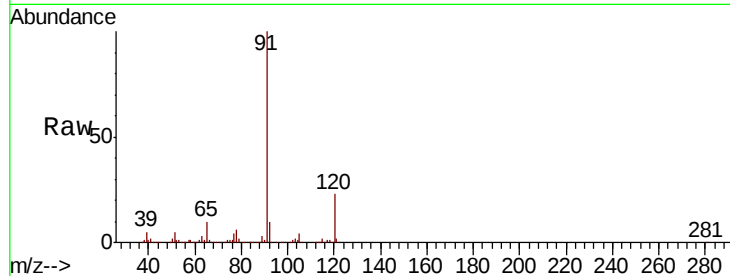
MW-2

Tot Ion: 91 Resp: 173470

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1693) (-)

11.36

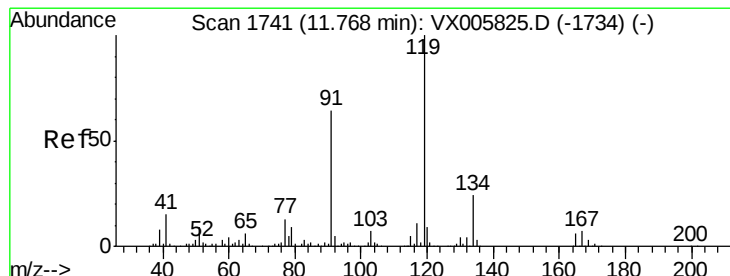
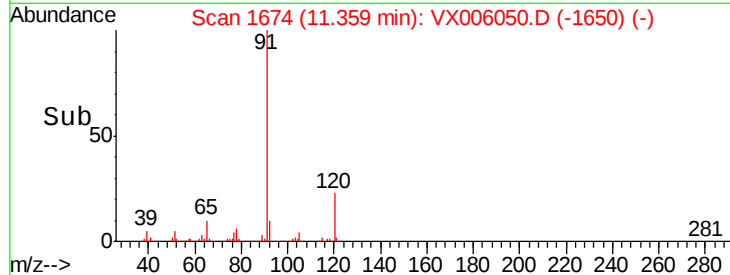
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 0.615 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

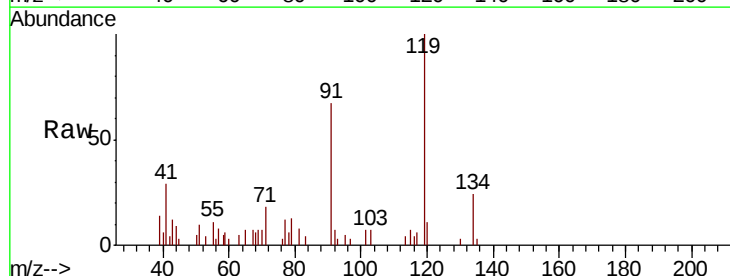
Tgt Ion: 119 Resp: 2831

Ion Ratio Lower Upper

119 100

91 61.1 28.5 85.5

134 22.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): VX005825.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1734) (-)

11.77

3000

2500

2000

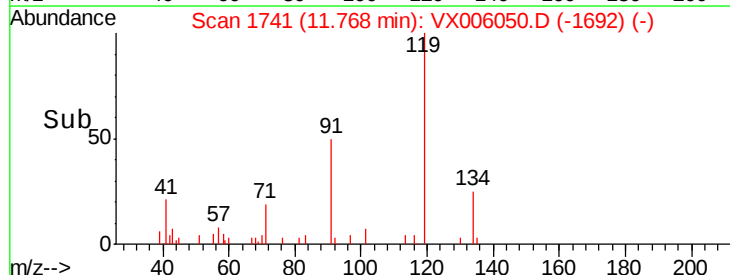
1500

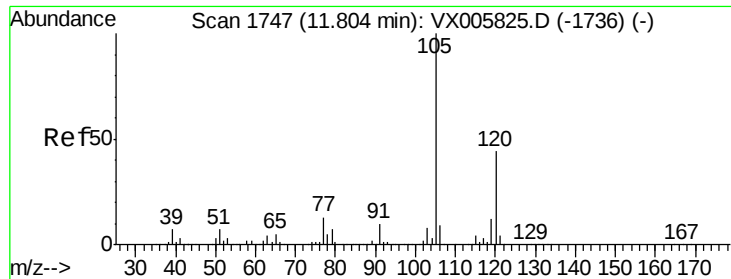
1000

500

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 2.874 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

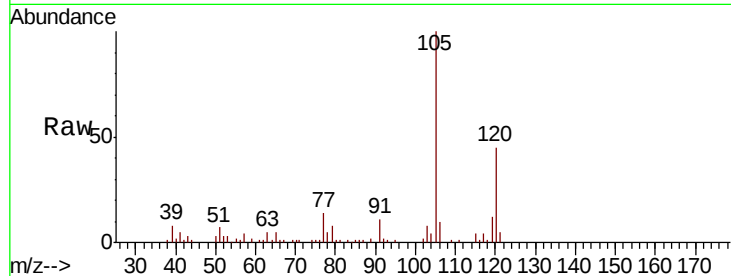
MW-2

Tot Ion:105 Resp: 15005

Ion Ratio Lower Upper

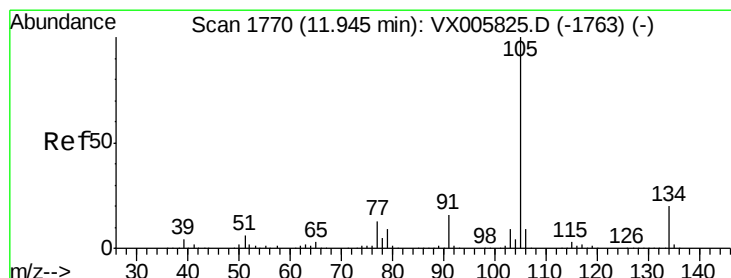
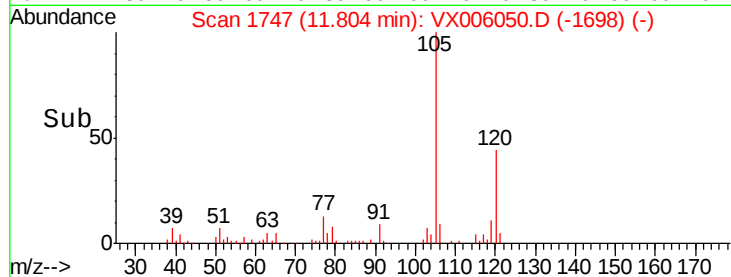
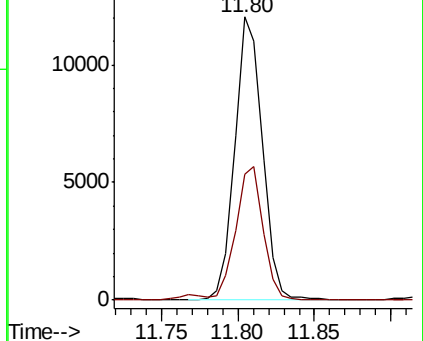
105 100

120 46.9 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.260 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006050.D

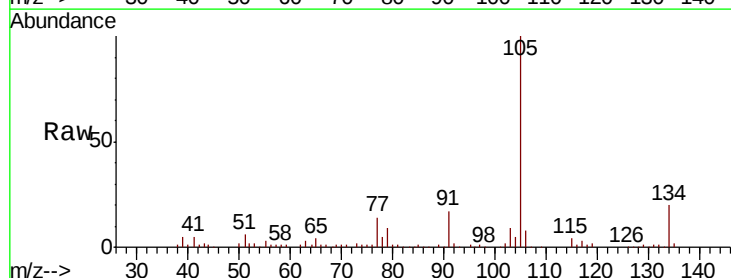
Acq: 16 Nov 2018 15:22

Tgt Ion:105 Resp: 29618

Ion Ratio Lower Upper

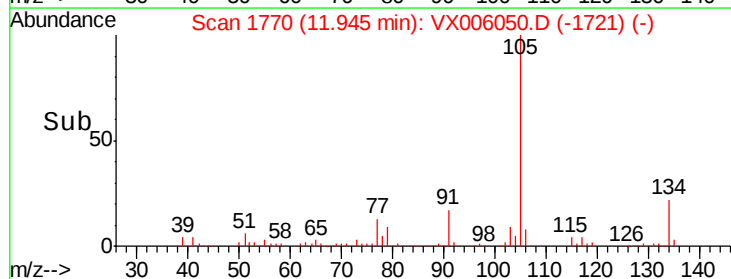
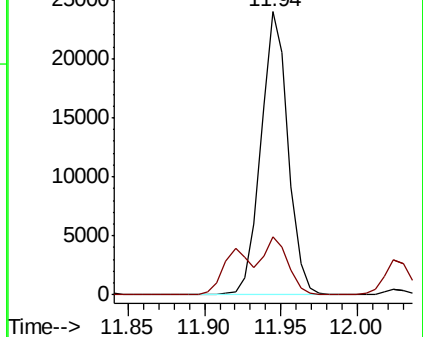
105 100

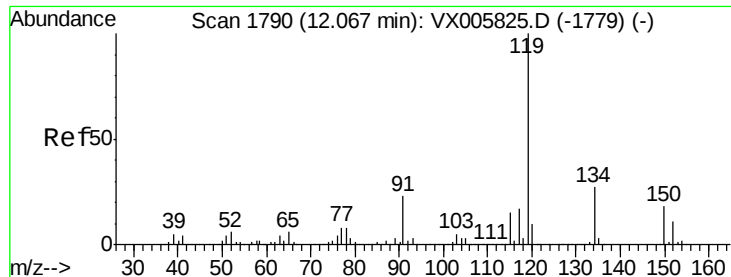
134 18.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

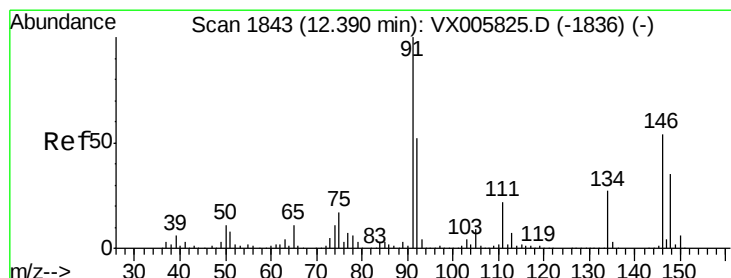
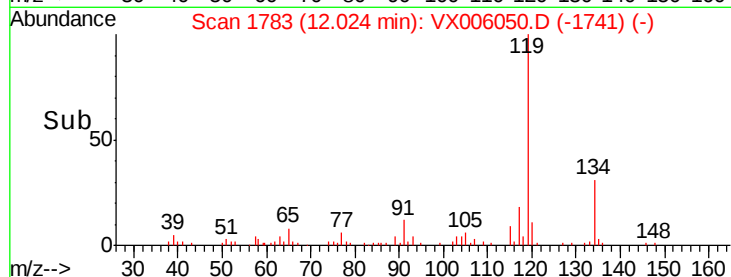
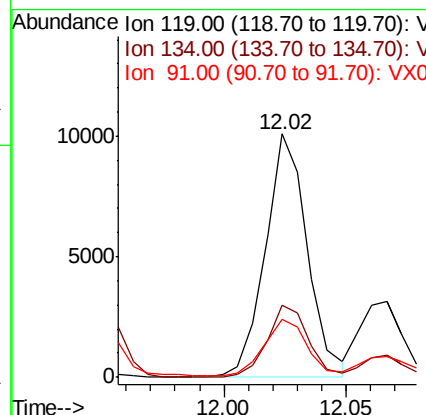
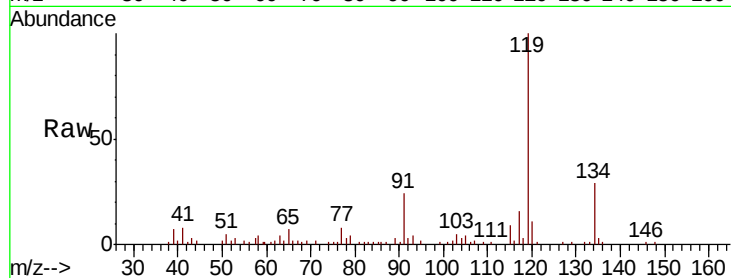




#86
p-Isopropyltoluene
Concen: 2.428 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

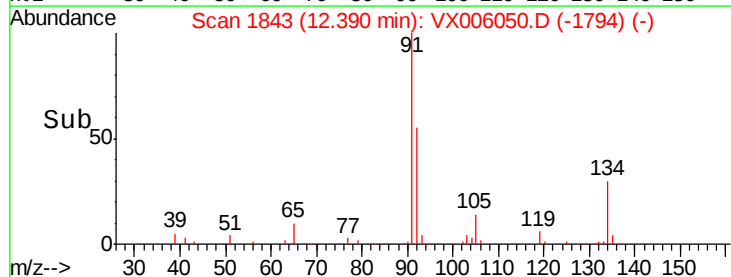
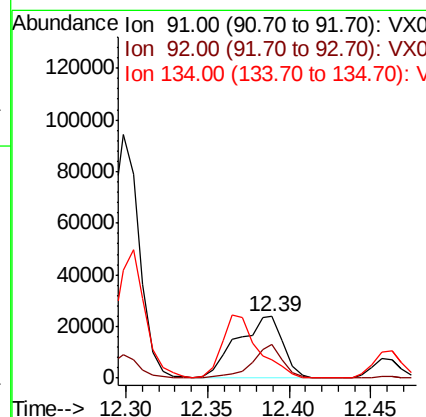
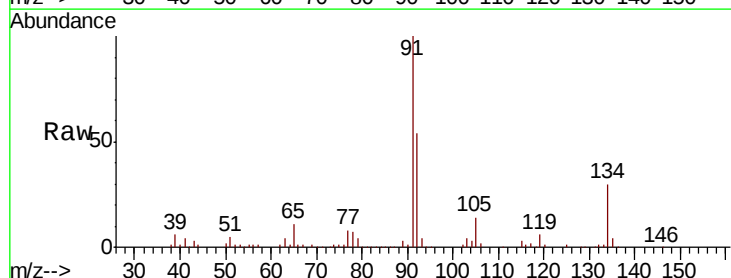
Instrument :
MSVOA_X
ClientSampled :
MW-2

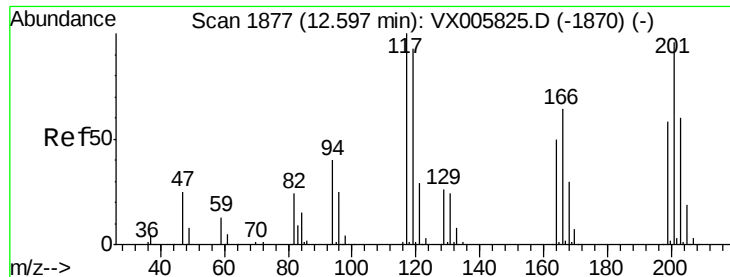
Tot Ion:119 Resp: 12109
Ion Ratio Lower Upper
119 100
134 29.1 13.0 39.0
91 0.0 11.4 34.2#



#89
n-Butylbenzene
Concen: 10.077 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Tgt Ion: 91 Resp: 46586
Ion Ratio Lower Upper
91 100
92 37.0 26.1 78.2
134 0.0 13.1 39.3#





#90

Hexachloroethane

Concen: 21.507 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

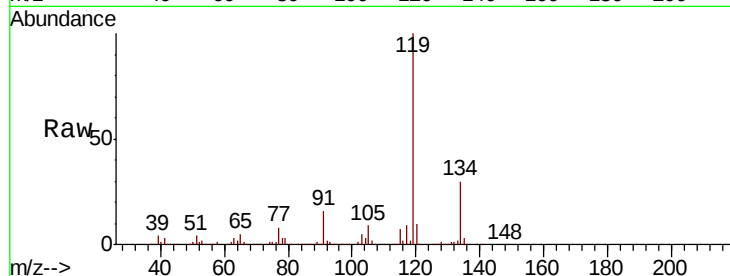
MW-2

Tot Ion:117 Resp: 17910

Ion Ratio Lower Upper

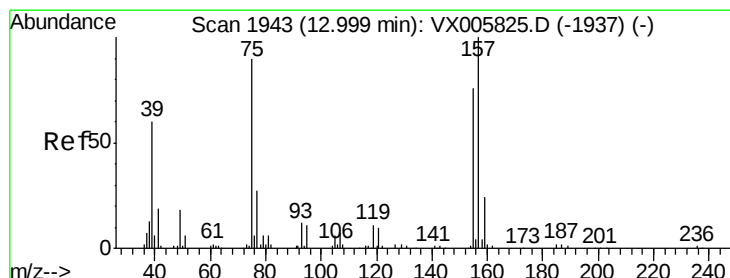
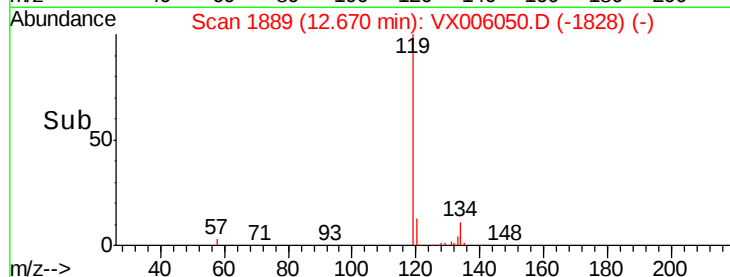
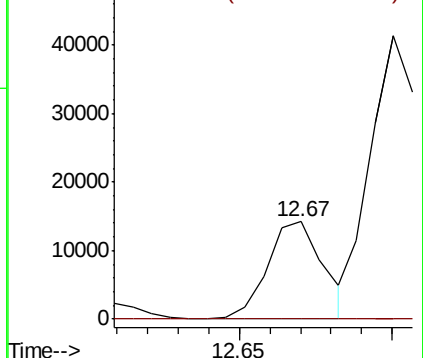
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.090 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006050.D

Acq: 16 Nov 2018 15:22

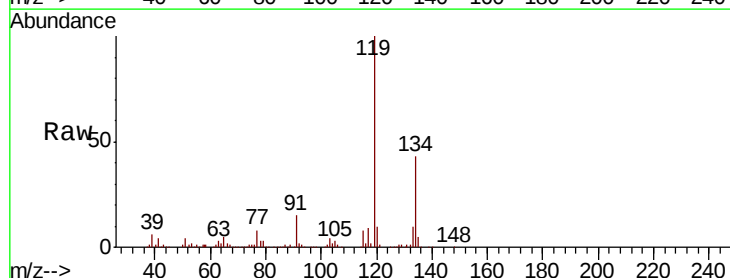
Tgt Ion: 75 Resp: 523

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

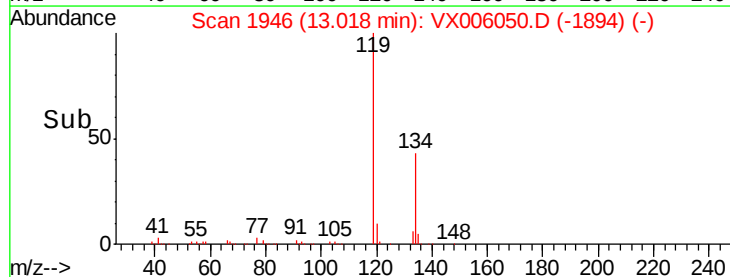
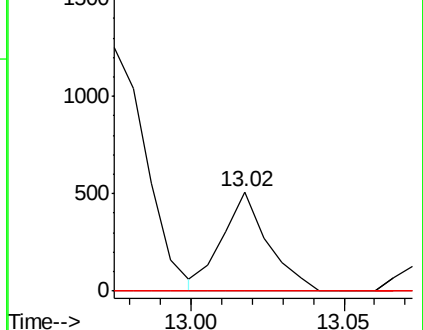
157 0.0 57.4 172.0#

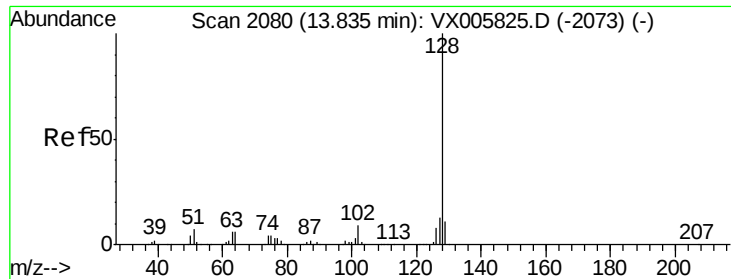


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

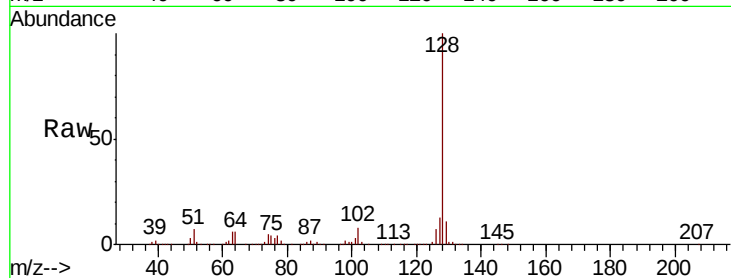




#95
Naphthalene
Concen: 21.906 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006050.D
Acq: 16 Nov 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.8	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

