

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004756.D
 Acq On : 27 Sep 2018 06:25
 Operator : JC/MD
 Sample : J5020-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-091918

Quant Time: Sep 27 07:07:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194459	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.51	113	162335	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
50) Toluene-d8	8.72	98	616758	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	234968	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	1122	0.253	ug/l #	62
6) Chloroethane	1.85	64	1671	Below Cal	#	54
11) Tert butyl alcohol	3.02	59	12085	11.295	ug/l #	72
13) Acrolein	2.29	56	199	0.261	ug/l #	16
14) Allyl chloride	2.62	41	5806	0.917	ug/l #	60
16) Acetone	2.45	43	22832	10.220	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	27154	2.712	ug/l	97
20) Methylene Chloride	2.85	84	595	Below Cal		94
25) 2-Butanone	4.70	43	1280	0.389	ug/l	100
31) Cyclohexane	5.57	56	10767	2.211	ug/l #	78
36) 1,1-Dichloropropene	5.67	75	17609	3.548	ug/l #	50
38) Carbon Tetrachloride	5.66	117	23777	4.557	ug/l #	15
39) Methylcyclohexane	7.46	83	13612	2.686	ug/l	89
40) Benzene	6.15	78	6723	0.433	ug/l	92
52) Toluene	8.79	92	2228	0.261	ug/l	99
56) Ethyl methacrylate	9.16	69	565	2.950	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	40	14.254	ug/l #	45
67) Ethyl Benzene	10.26	91	4491	0.267	ug/l	97
69) o-Xylene	10.70	106	1262	0.209	ug/l	98
73) Isopropylbenzene	11.02	105	348010	22.927	ug/l	100
74) N-amyl acetate	10.91	43	593	1.816	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	1972	0.319	ug/l #	30
76) 1,2,3-Trichloropropane	11.36	75	7323	1.357	ug/l #	1
78) n-propylbenzene	11.36	91	1239756	71.183	ug/l	99
79) 2-Chlorotoluene	11.36	91	1239756	114.200	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.67	105	66300	4.586	ug/l	70
81) trans-1,4-Dichloro-2-buten	11.02	75	4084	3.969	ug/l #	70
82) 4-Chlorotoluene	11.36	91	1239756	97.023	ug/l #	44
83) tert-Butylbenzene	11.77	119	38430	3.075	ug/l	89
84) 1,2,4-Trimethylbenzene	11.67	105	66300	4.441	ug/l	76
85) sec-Butylbenzene	11.94	105	313695	20.607	ug/l #	76
86) p-Isopropyltoluene	12.24	119	107568	7.799	ug/l	97
89) n-Butylbenzene	12.39	91	224041	17.887	ug/l #	83
90) Hexachloroethane	12.67	117	48124	20.957	ug/l #	3

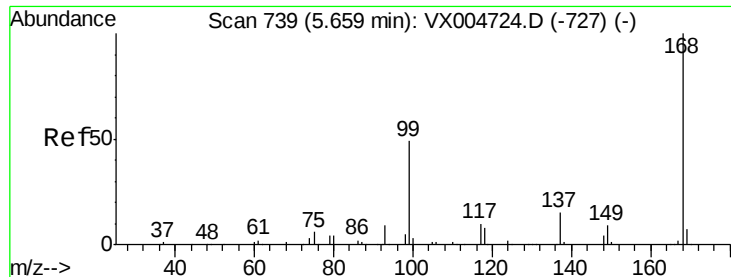
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
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Operator : JC/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.97	75	5689	4.193	ug/l #	1
95) Naphthalene	13.83	128	15998	1.507	ug/l #	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

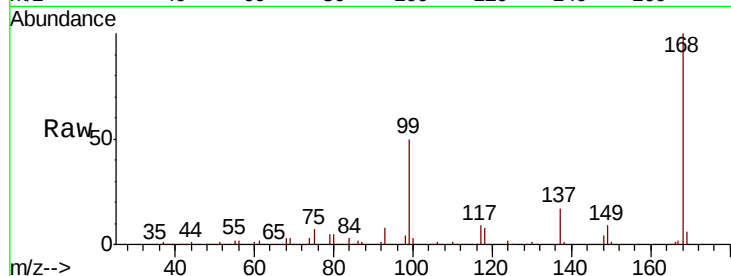
T3-MW-3-9.0-091918

Tot Ion:168 Resp: 267879

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

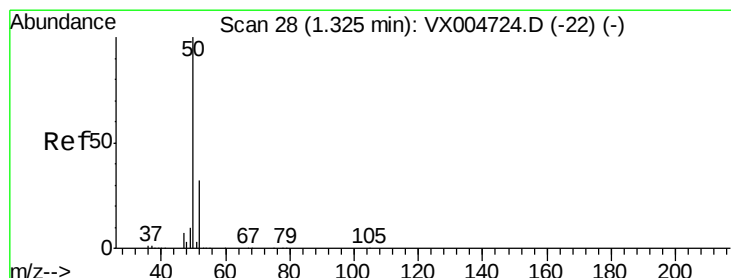
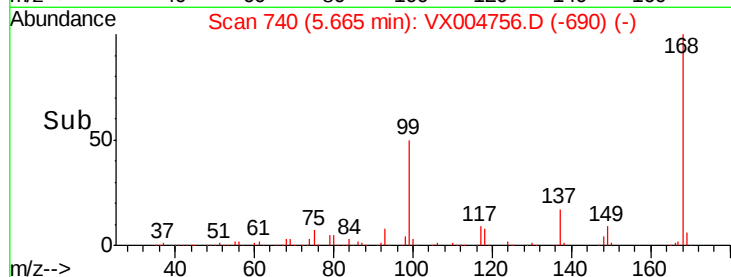
40000

20000

0

Time-->

5.60 5.80 6.00



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX004756.D

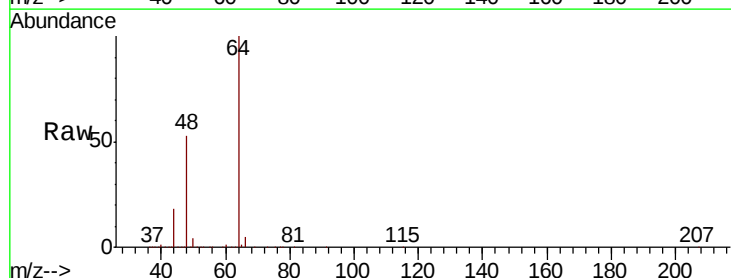
Acq: 27 Sep 2018 06:25

Tgt Ion: 50 Resp: 1122

Ion Ratio Lower Upper

50 100

52 11.1 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1500

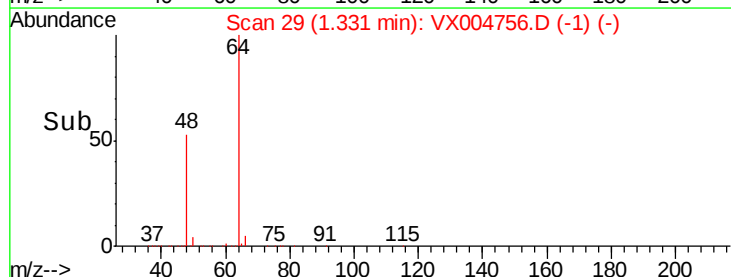
1000

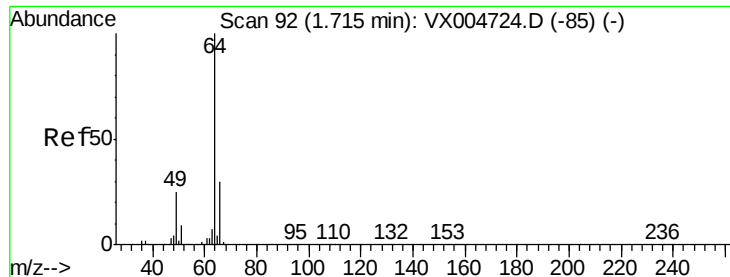
500

0

Time-->

1.30 1.32 1.34 1.36 1.38





#6

Chloroethane

Concen: Below Cal

RT: 1.85 min Scan# 114

Delta R.T. 0.13 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

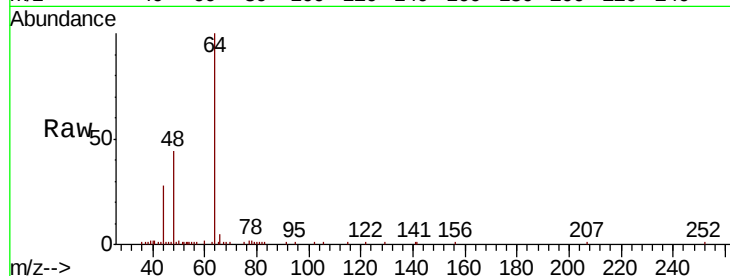
T3-MW-3-9.0-091918

Tot Ion: 64 Resp: 1671

Ion Ratio Lower Upper

64 100

66 5.6 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.85

10000

8000

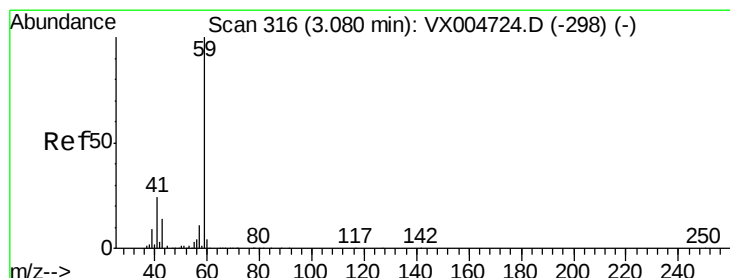
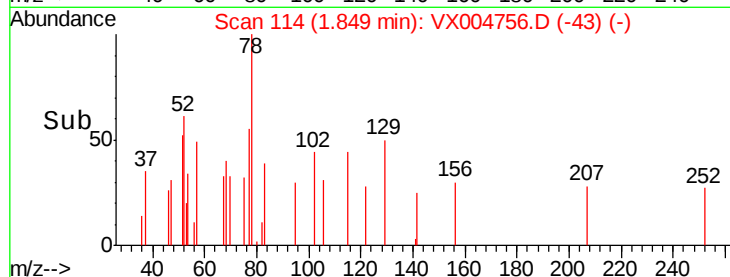
6000

4000

2000

0

Time--> 1.82 1.84 1.86 1.88



#11

Tert butyl alcohol

Concen: 11.295 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004756.D

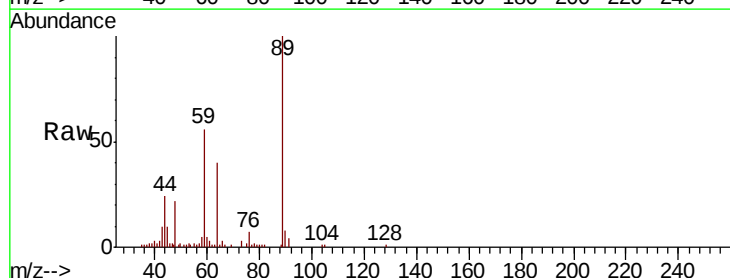
Acq: 27 Sep 2018 06:25

Tgt Ion: 59 Resp: 12085

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

5000

4000

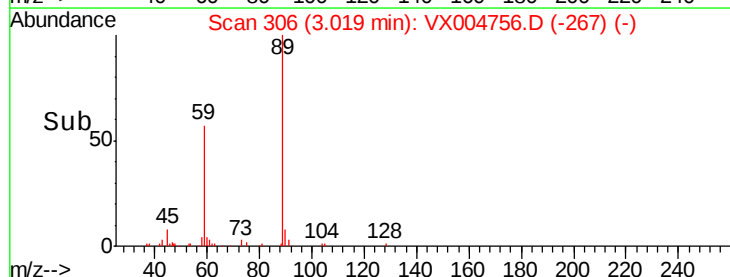
3000

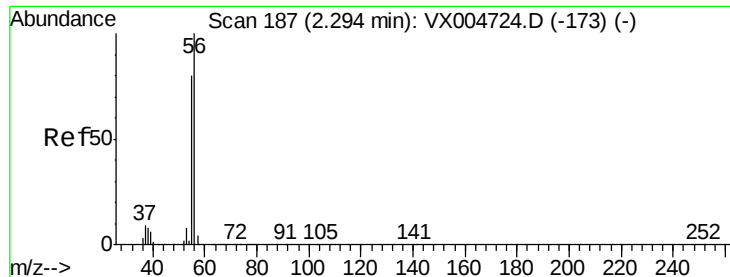
2000

1000

0

Time--> 2.90 3.00 3.10





#13

Acrolein

Concen: 0.261 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

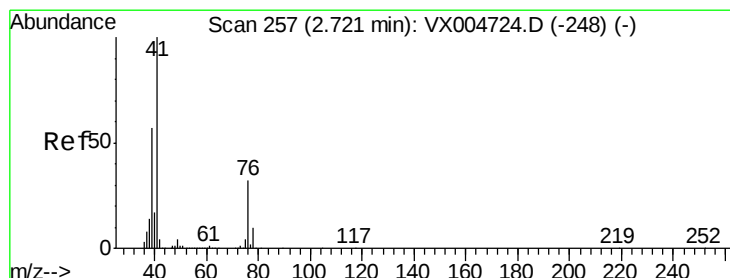
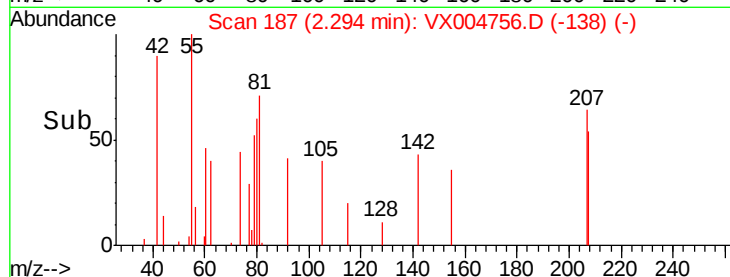
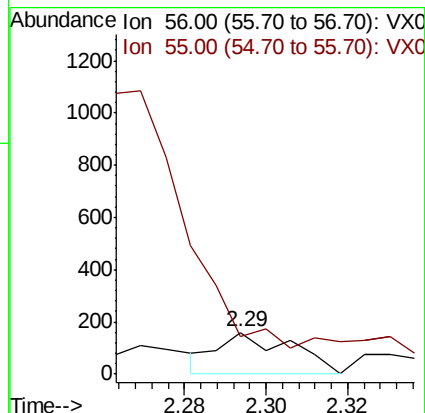
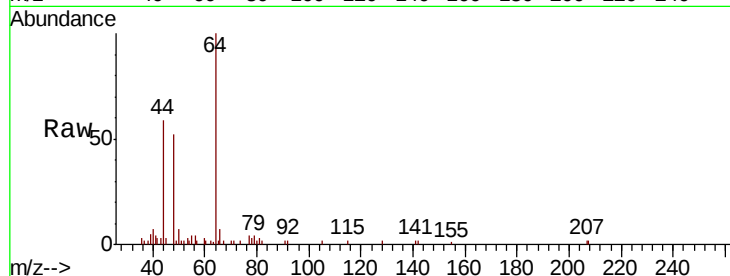
T3-MW-3-9.0-091918

Tot Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 0.0 54.7 82.1#



#14

Allyl chloride

Concen: 0.917 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.10 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

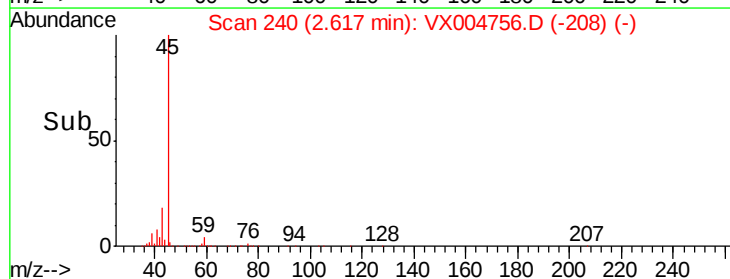
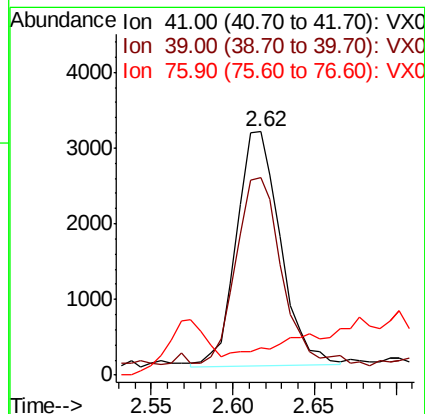
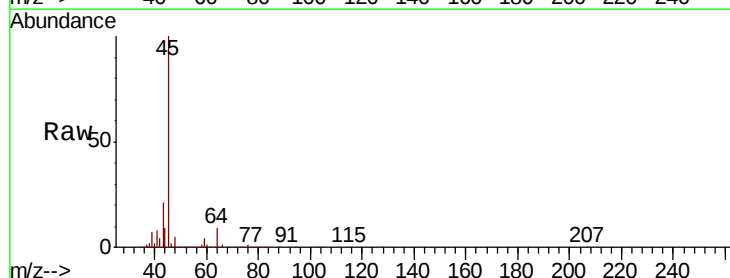
Tgt Ion: 41 Resp: 5806

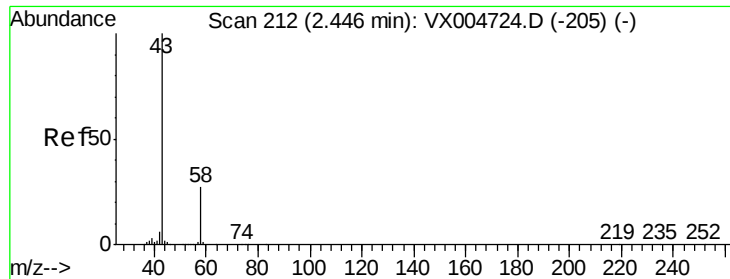
Ion Ratio Lower Upper

41 100

39 84.2 48.9 73.3#

76 0.0 26.7 40.1#





#16

Acetone

Concen: 10.220 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

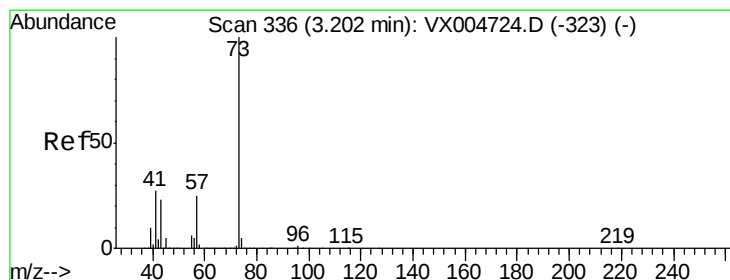
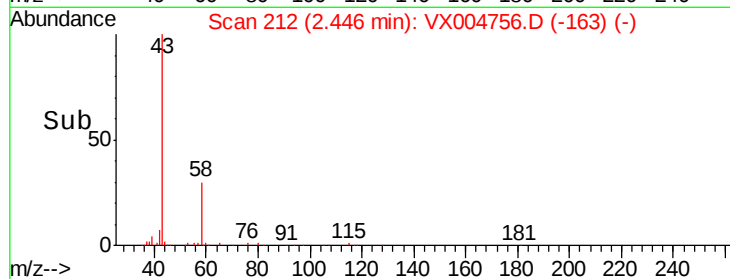
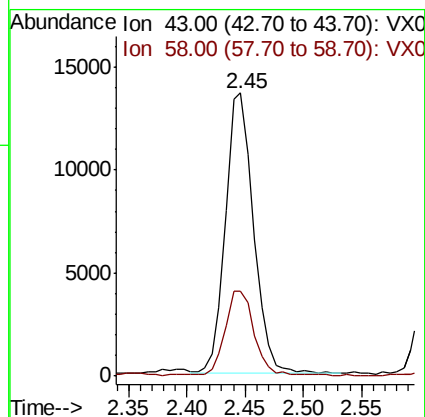
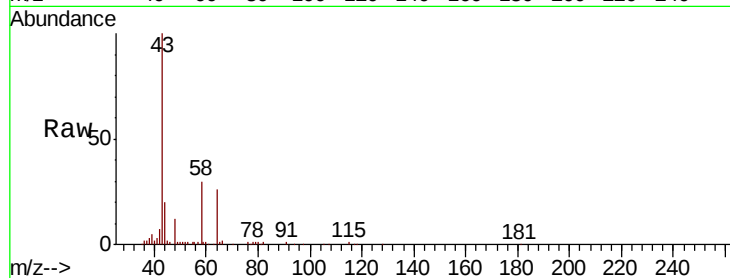
T3-MW-3-9.0-091918

Tot Ion: 43 Resp: 22832

Ion Ratio Lower Upper

43 100

58 30.3 26.2 39.4



#19

Methyl tert-butyl Ether

Concen: 2.712 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX004756.D

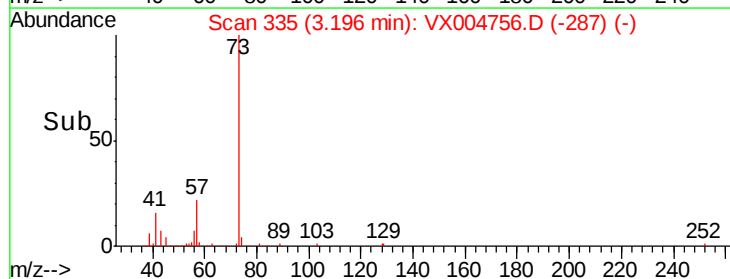
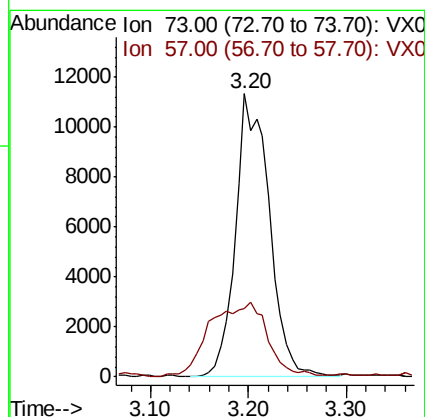
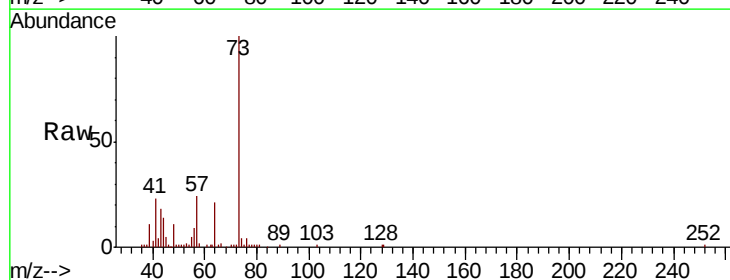
Acq: 27 Sep 2018 06:25

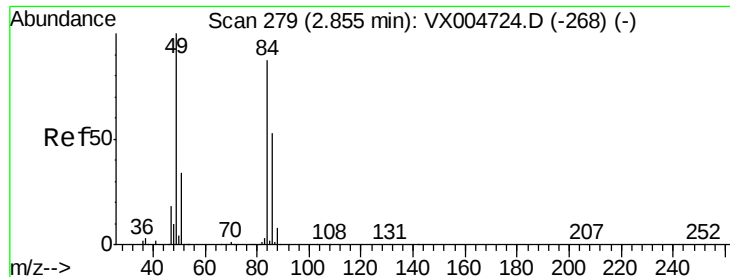
Tgt Ion: 73 Resp: 27154

Ion Ratio Lower Upper

73 100

57 22.8 17.1 25.7

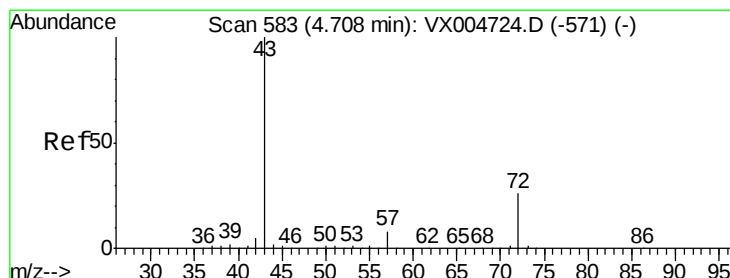
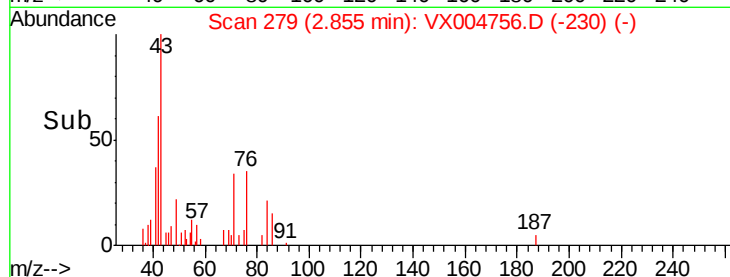
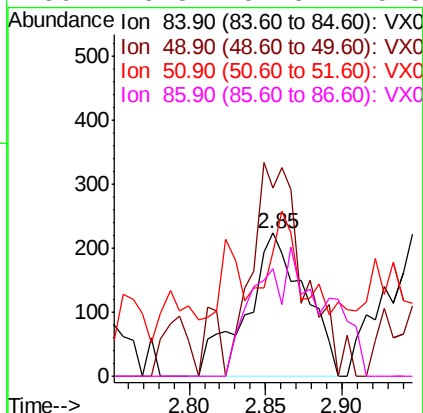
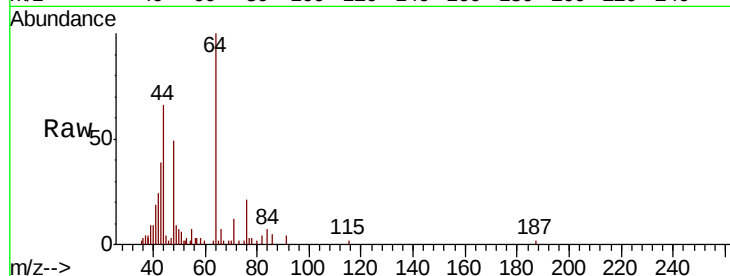




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

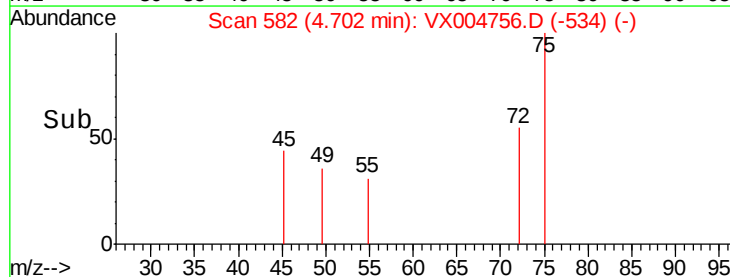
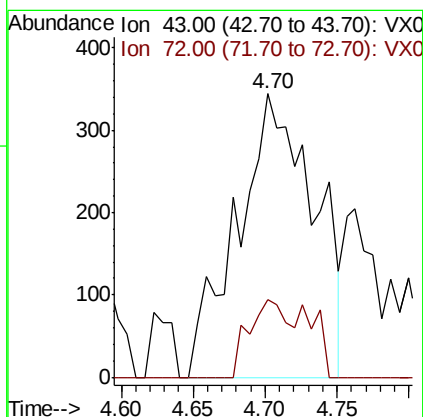
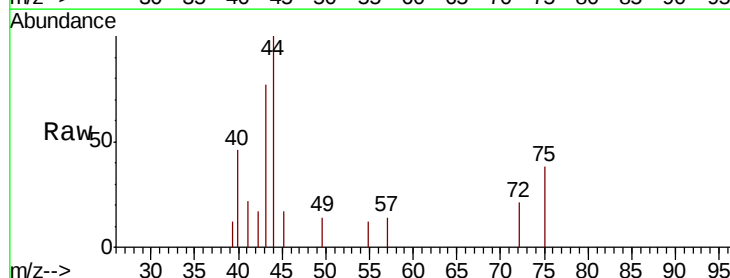
Instrument :
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T3-MW-3-9.0-091918

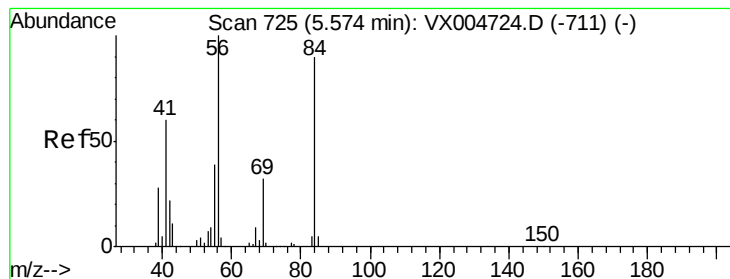
Tot Ion:	84	Resp:	595
Ion	Ratio	Lower	Upper
84	100		
49	131.8	101.2	151.8
51	37.7	29.5	44.3
86	75.3	52.3	78.5



#25
2-Butanone
Concen: 0.389 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion:	43	Resp:	1280
Ion	Ratio	Lower	Upper
43	100		
72	27.3	22.0	33.0





#31

Cyclohexane

Concen: 2.211 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-091918

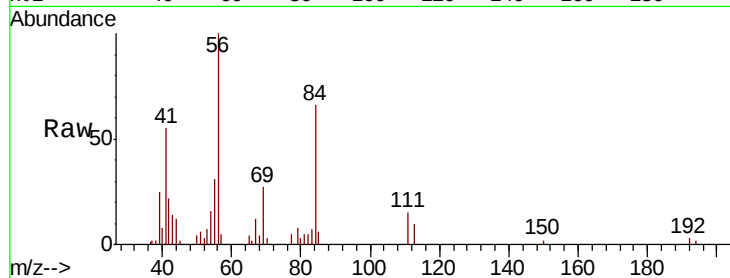
Tot Ion: 56 Resp: 10767

Ion Ratio Lower Upper

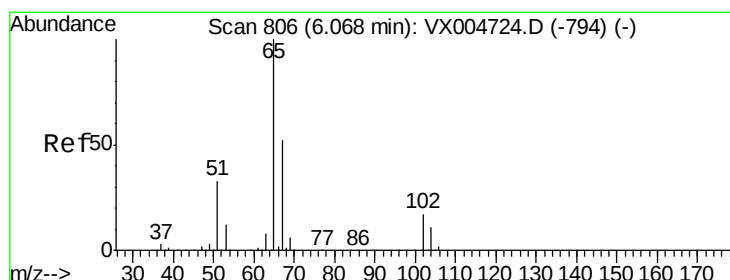
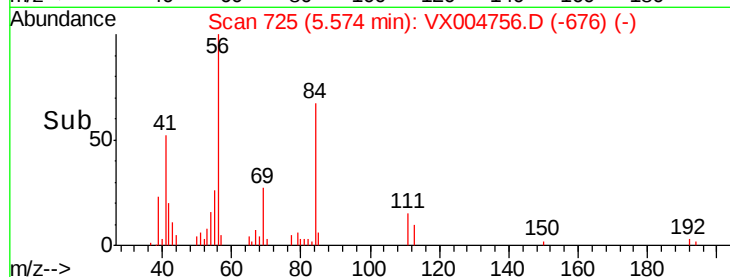
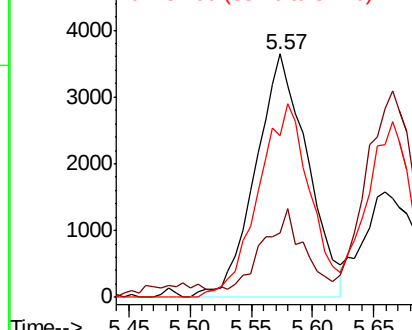
56 100

69 22.7 25.4 38.2#

84 66.3 71.4 107.2#



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: 50.817 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004756.D

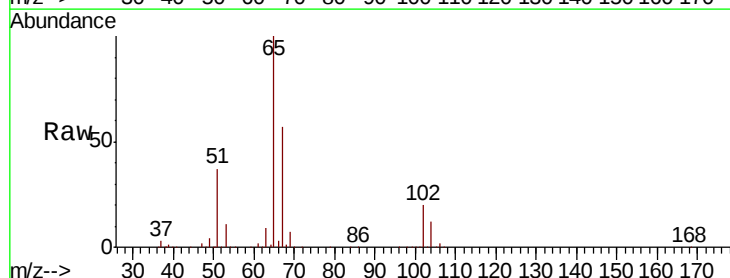
Acq: 27 Sep 2018 06:25

Tgt Ion: 65 Resp: 194459

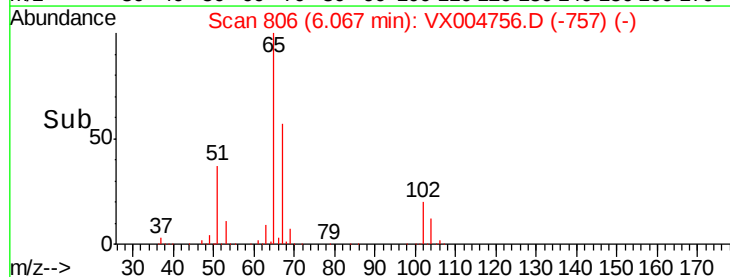
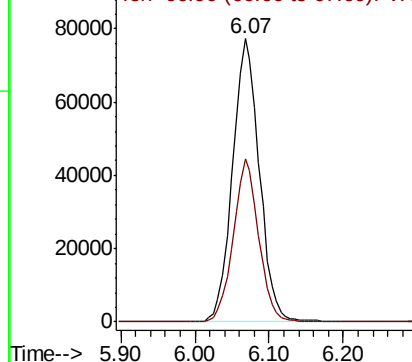
Ion Ratio Lower Upper

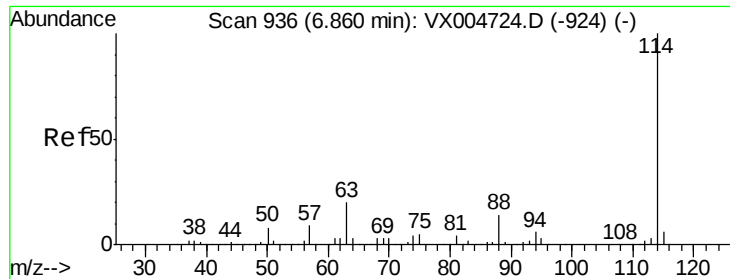
65 100

67 54.8 0.0 106.8



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

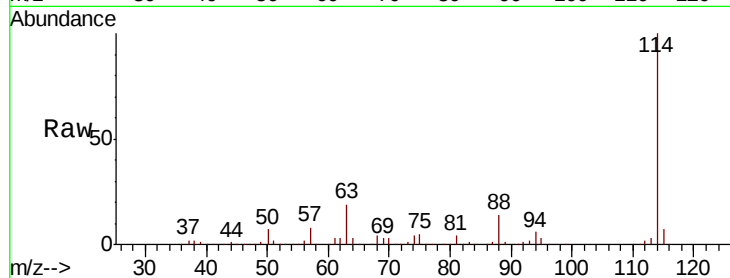




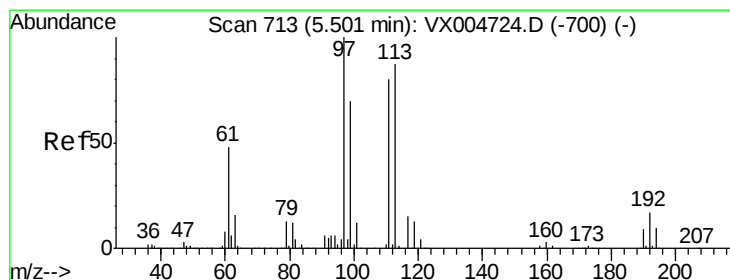
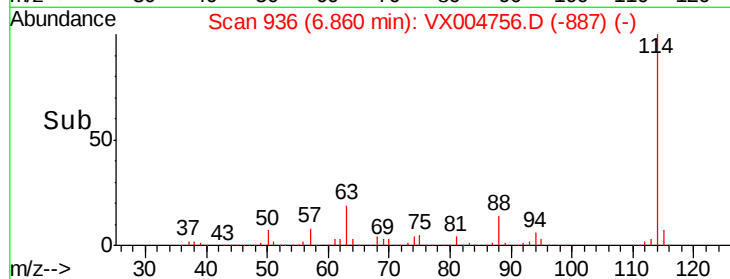
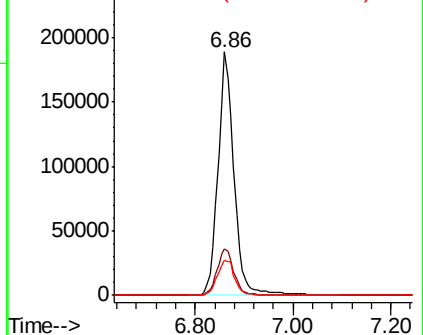
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004756.D
 Acq: 27 Sep 2018 06:25

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-091918

Tot Ion:114 Resp: 429262
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 14.1 0.0 30.4

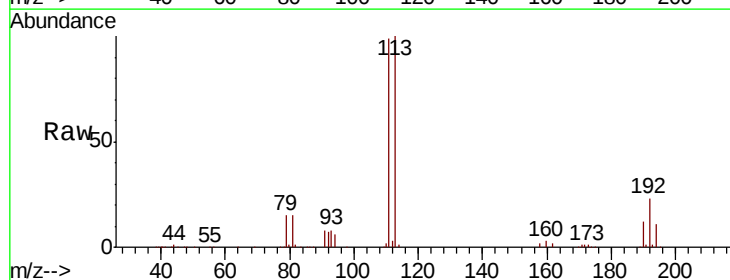


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

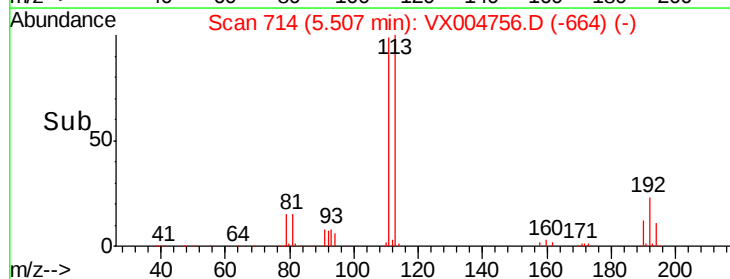
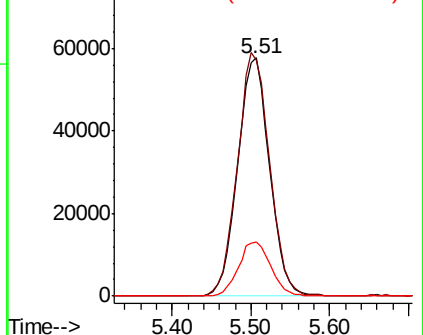


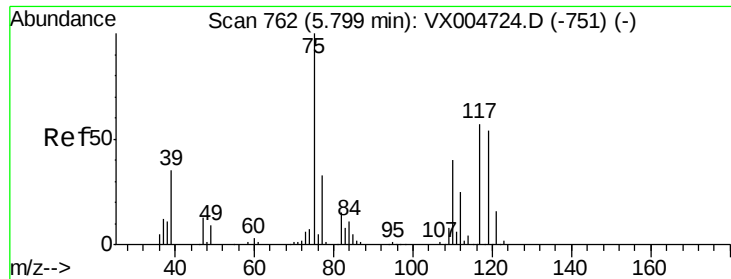
#35
 Dibromofluoromethane
 Concen: 44.621 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004756.D
 Acq: 27 Sep 2018 06:25

Tgt Ion:113 Resp: 162335
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 23.1 19.4 29.2



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





#36

1,1-Dichloropropene

Concen: 3.548 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-091918

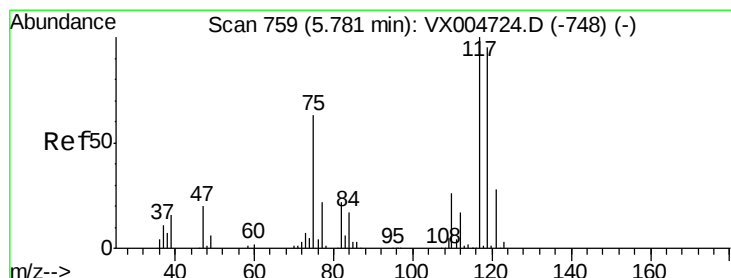
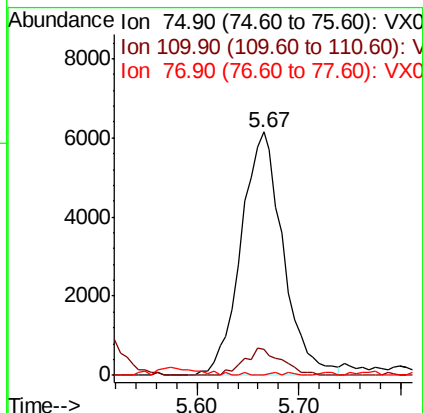
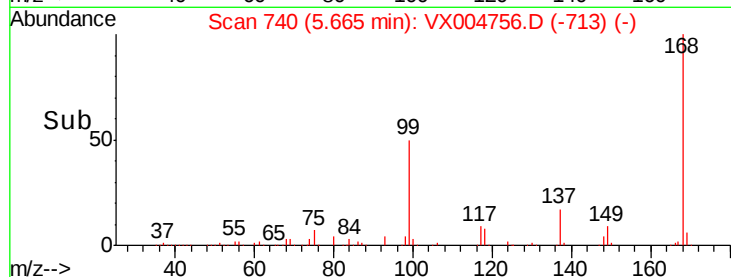
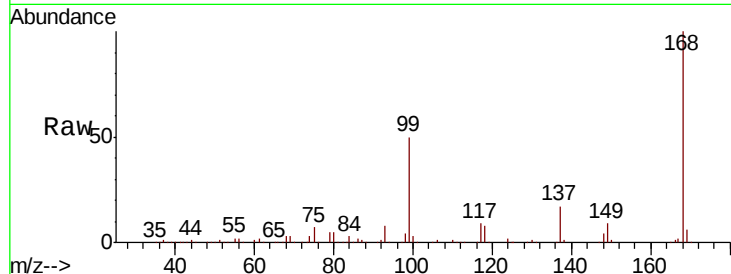
Tot Ion: 75 Resp: 17609

Ion Ratio Lower Upper

75 100

110 9.7 18.0 54.0#

77 0.1 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.557 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

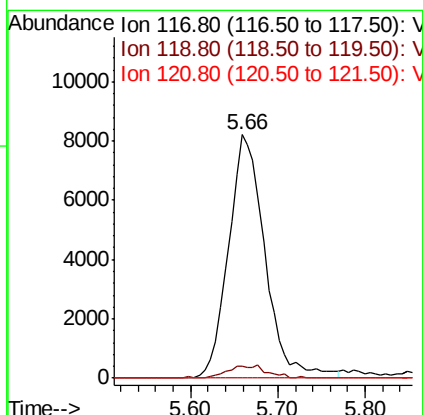
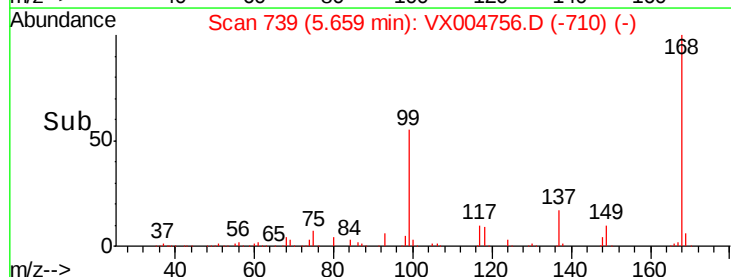
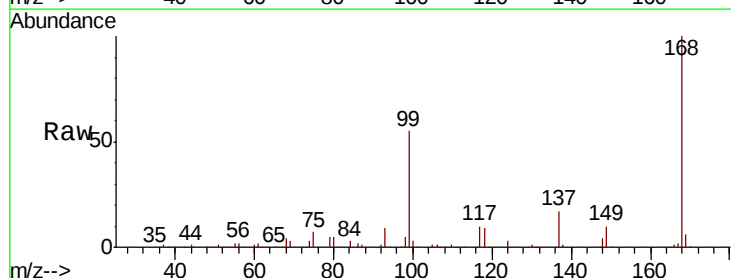
Tgt Ion: 117 Resp: 23777

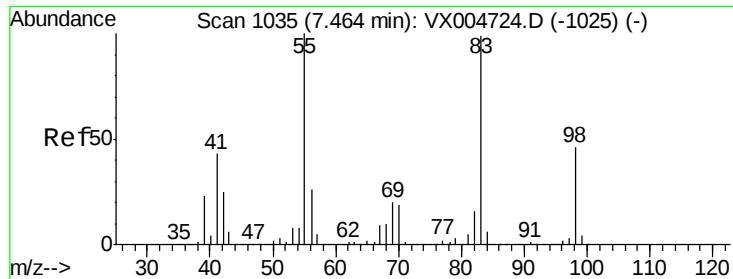
Ion Ratio Lower Upper

117 100

119 5.0 78.8 118.2#

121 0.0 24.9 37.3#

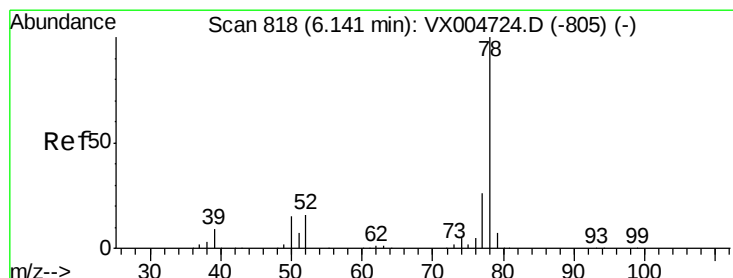
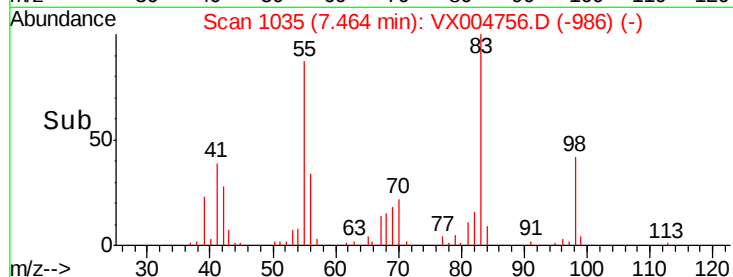
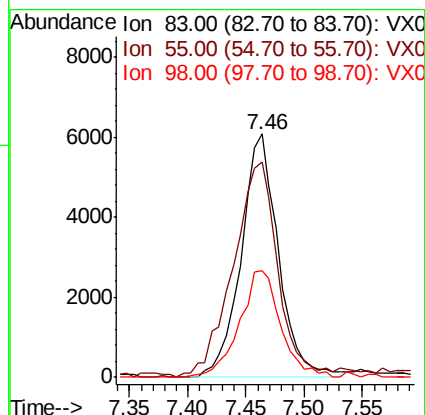
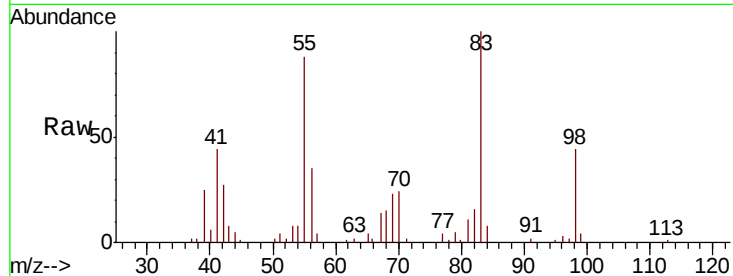




#39
Methvlcvclohexane
Concen: 2.686 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

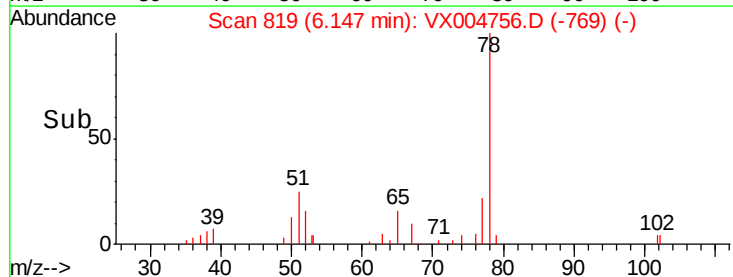
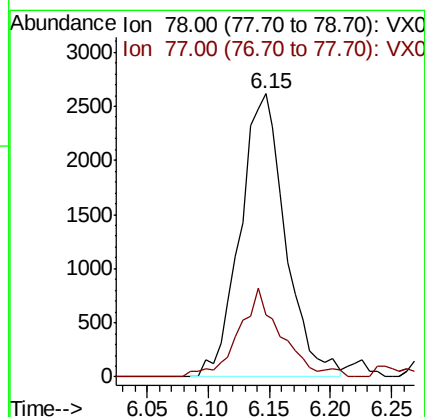
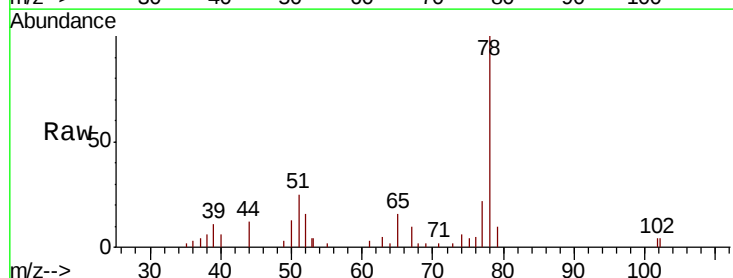
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-091918

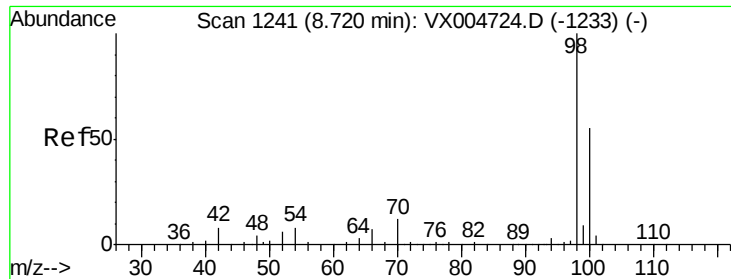
Tot Ion: 83 Resp: 13612
Ion Ratio Lower Upper
83 100
55 86.8 61.0 91.4
98 43.8 39.6 59.4



#40
Benzene
Concen: 0.433 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion: 78 Resp: 6723
Ion Ratio Lower Upper
78 100
77 19.7 19.0 28.4

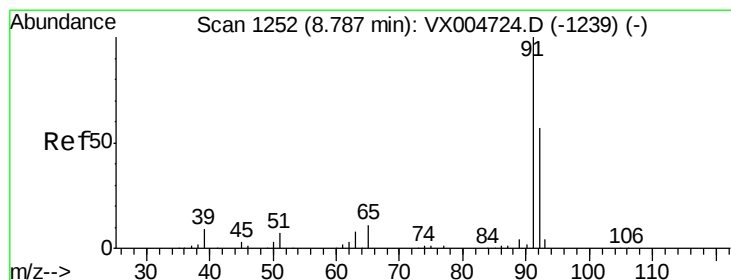
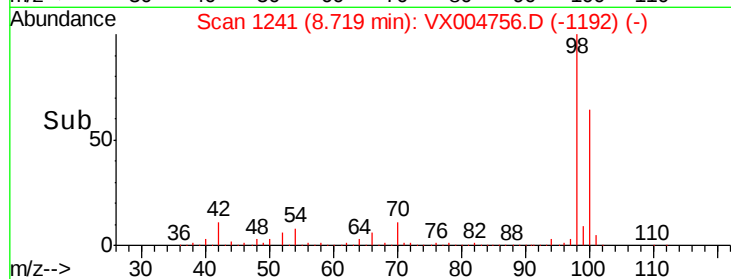
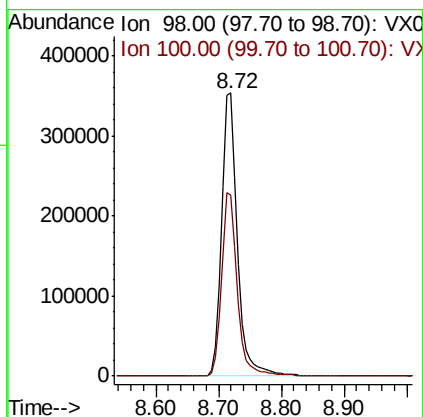
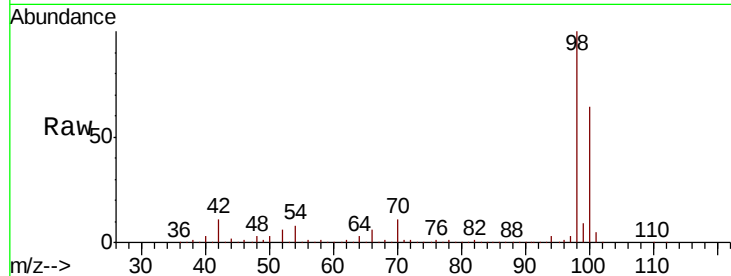




#50
Toluene-d8
Concen: 50.994 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

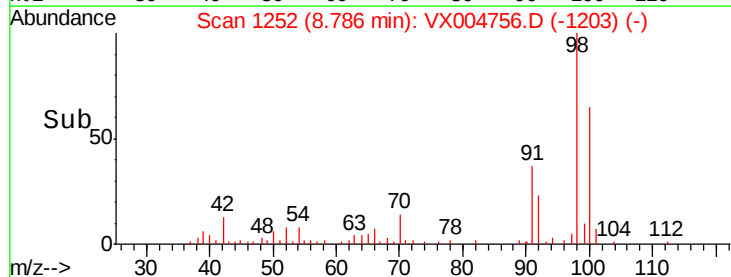
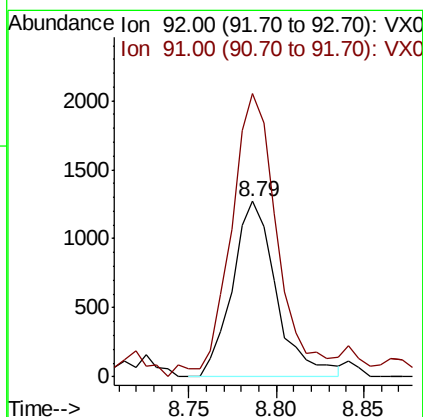
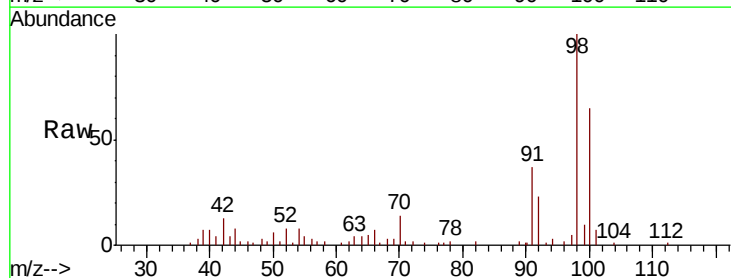
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-091918

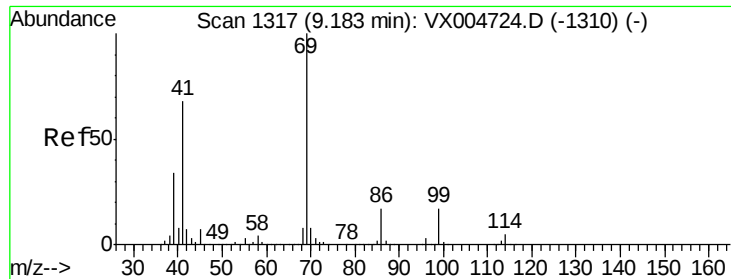
Tot Ion: 98 Resp: 616758
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#52
Toluene
Concen: 0.261 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion: 92 Resp: 2228
Ion Ratio Lower Upper
92 100
91 169.3 136.4 204.6





#56

Ethyl methacrylate

Concen: 2.950 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-091918

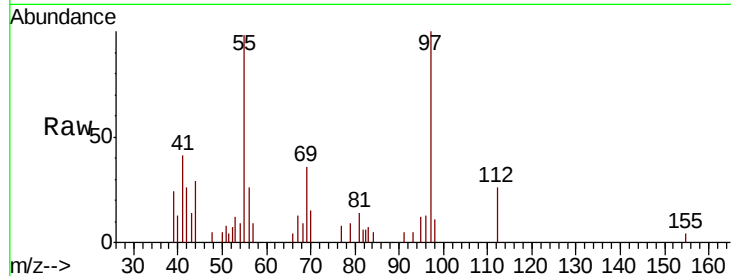
Tot Ion: 69 Resp: 565

Ion Ratio Lower Upper

69 100

41 185.3 51.0 76.4#

39 120.5 26.1 39.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

800

600

400

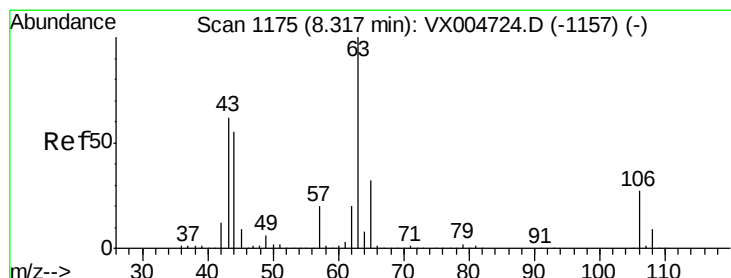
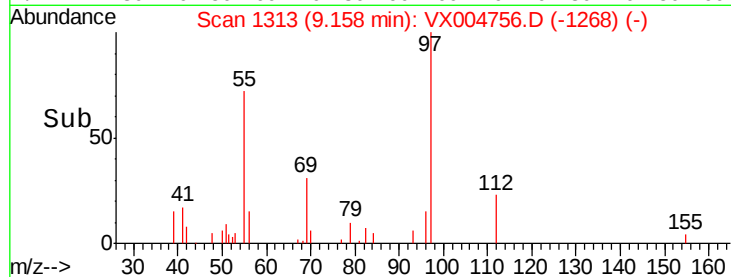
200

0

9.15

9.20

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.254 ug/l

RT: 8.32 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VX004756.D

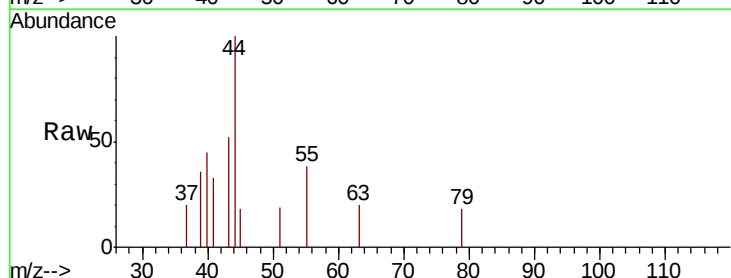
Acq: 27 Sep 2018 06:25

Tgt Ion: 63 Resp: 40

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

60

40

20

0

8.30

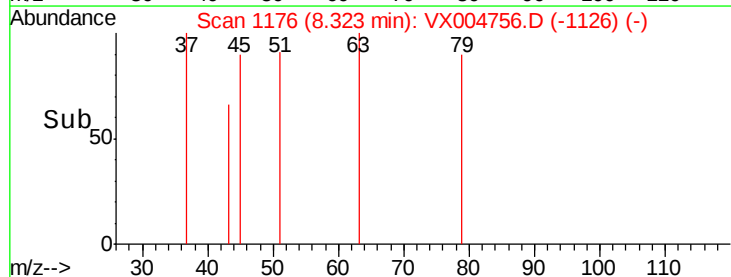
8.31

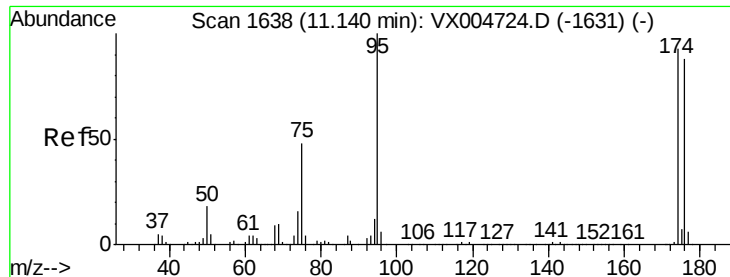
8.32

8.33

8.34

Time-->





#62

4-Bromofluorobenzene

Concen: 53.927 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-091918

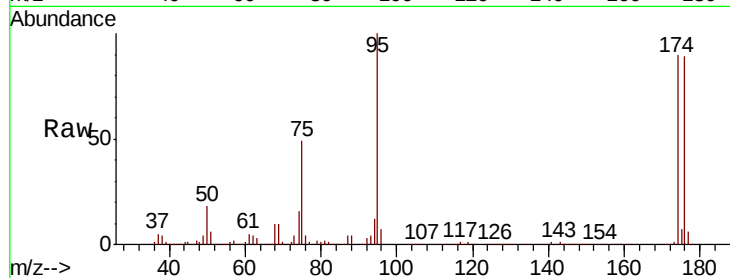
Tot Ion: 95 Resp: 234968

Ion Ratio Lower Upper

95 100

174 90.4 0.0 185.2

176 87.9 0.0 178.6

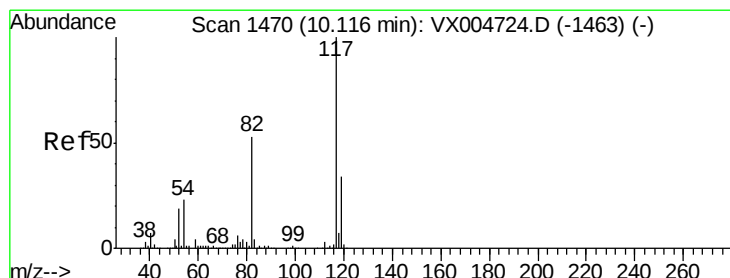
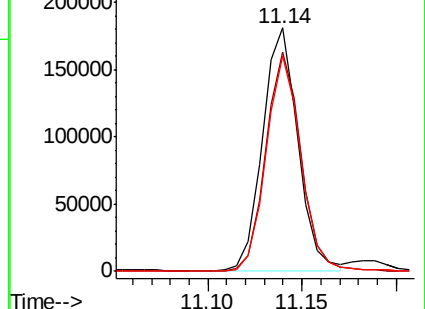
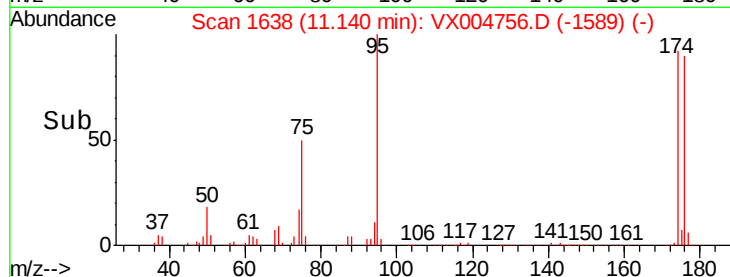


Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

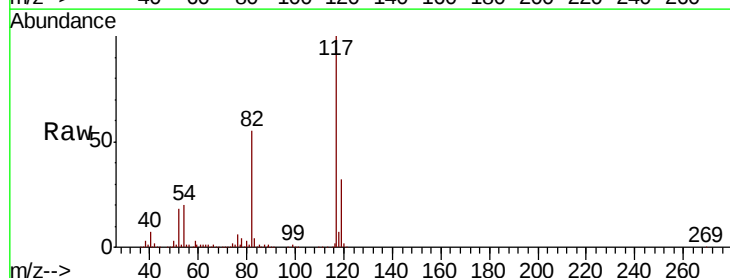
Tgt Ion: 117 Resp: 413159

Ion Ratio Lower Upper

117 100

82 55.2 47.8 71.6

119 32.3 29.3 43.9

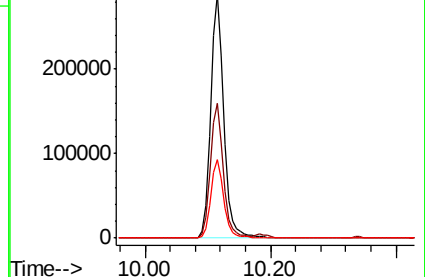
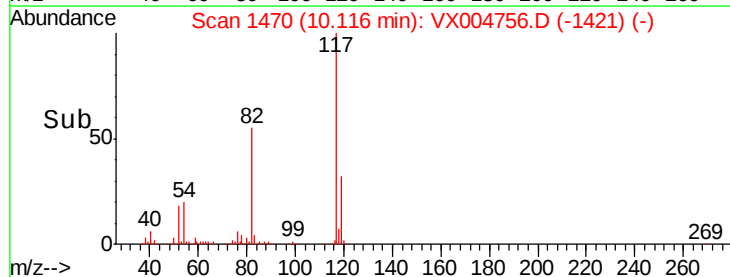


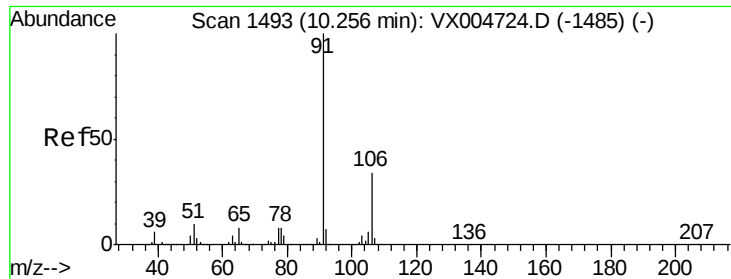
Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

Time-->

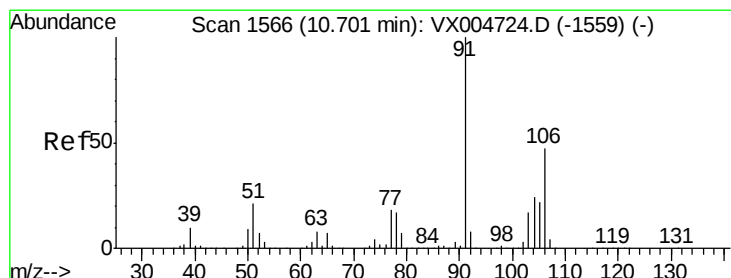
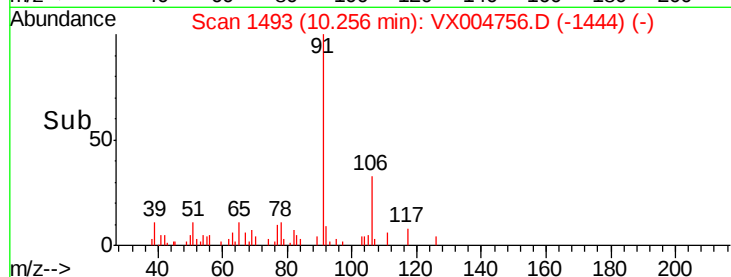
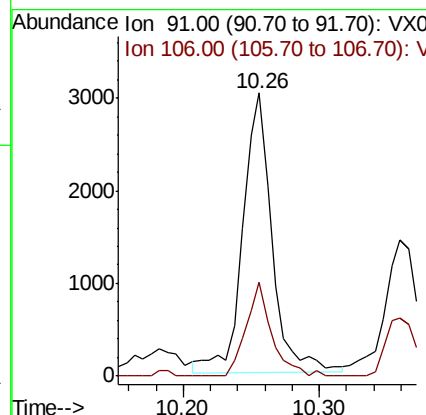
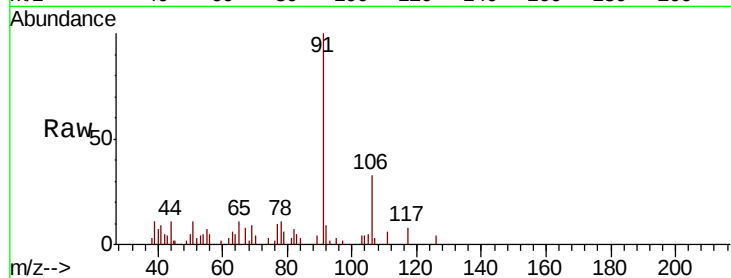




#67
Ethyl Benzene
Concen: 0.267 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

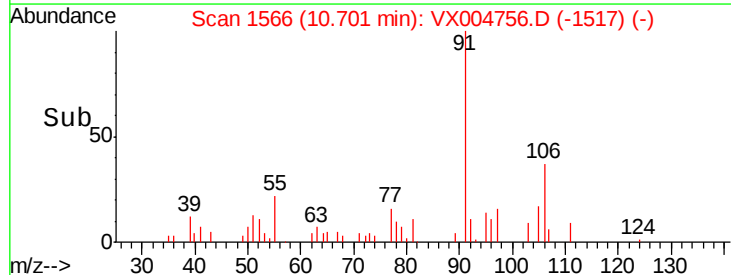
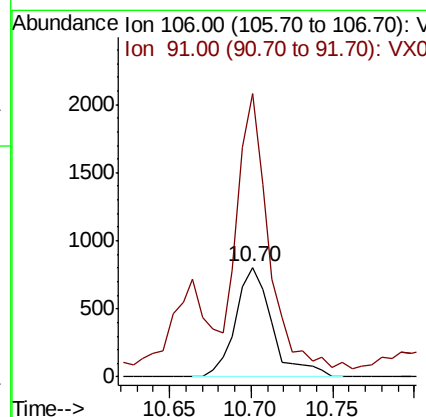
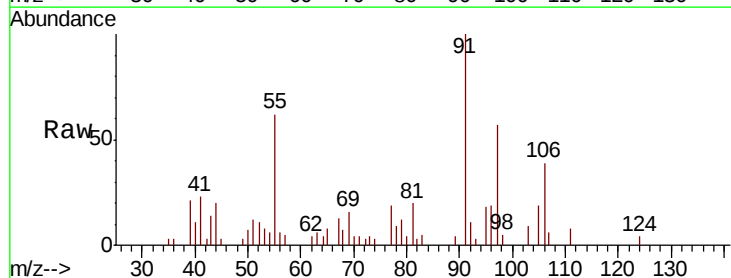
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-091918

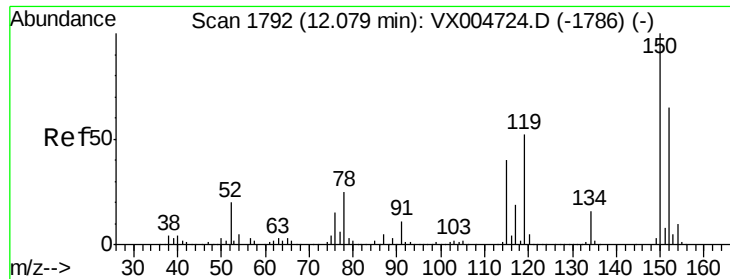
Tot Ion: 91 Resp: 4491
Ion Ratio Lower Upper
91 100
106 34.3 25.9 38.9



#69
o-Xylene
Concen: 0.209 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion: 106 Resp: 1262
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.1



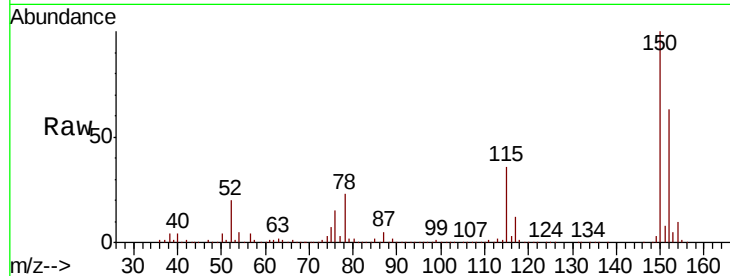


#72

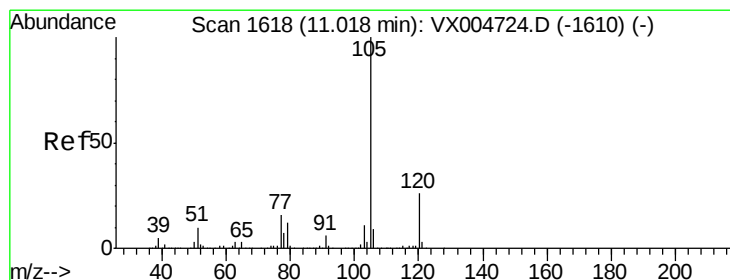
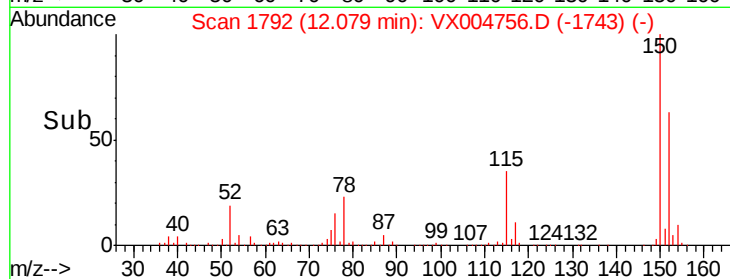
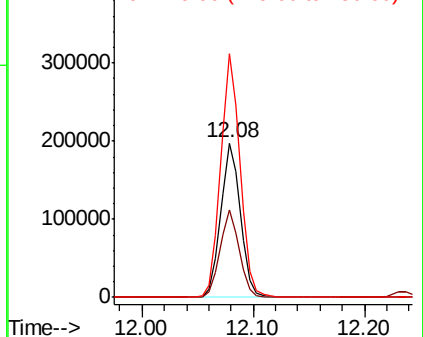
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-091918

Tot Ion:152 Resp: 240822
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 156.5 0.0 351.0



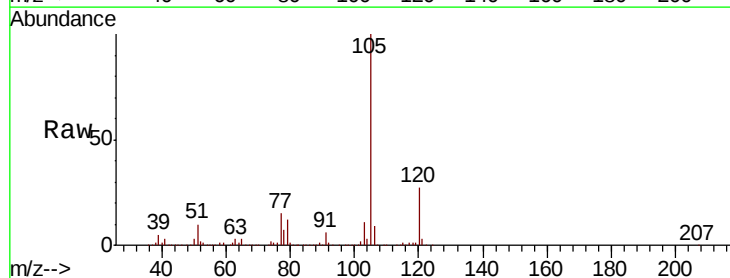
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



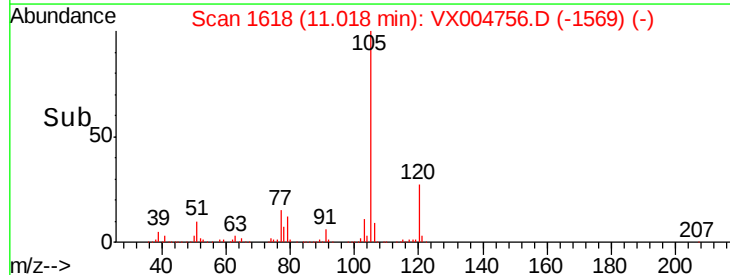
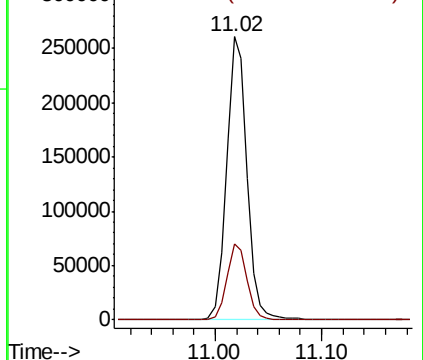
#73

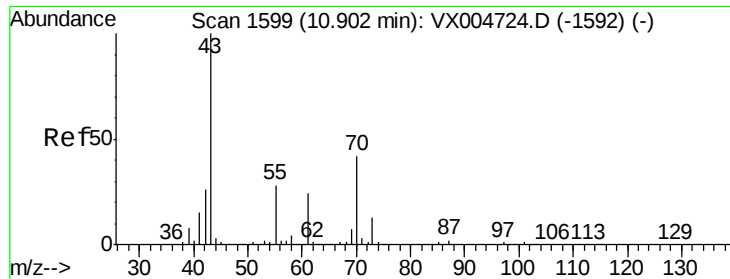
Isopropylbenzene
Concen: 22.927 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion:105 Resp: 348010
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.816 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

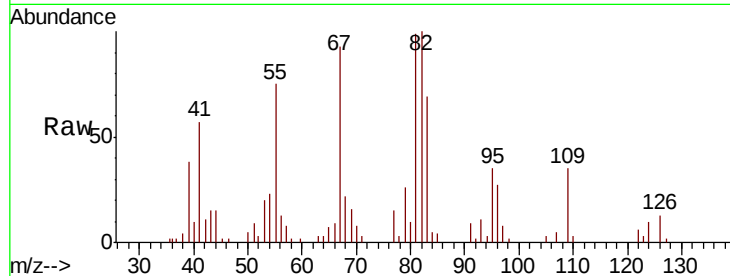
ClientSampleId :

T3-MW-3-9.0-091918

Tot Ion: 43 Resp: 593

Ion Ratio Lower Upper

43	100		
70	98.0	37.4	56.0#
55	1045.5	21.8	32.8#
61	0.0	20.6	30.8#

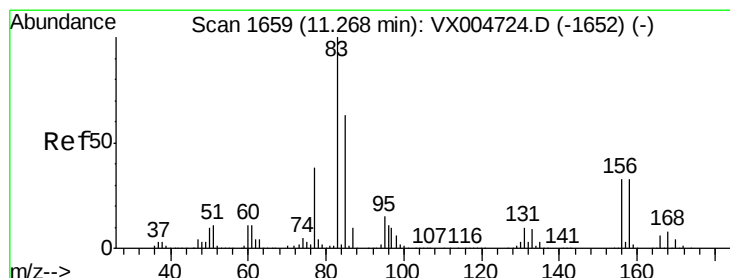
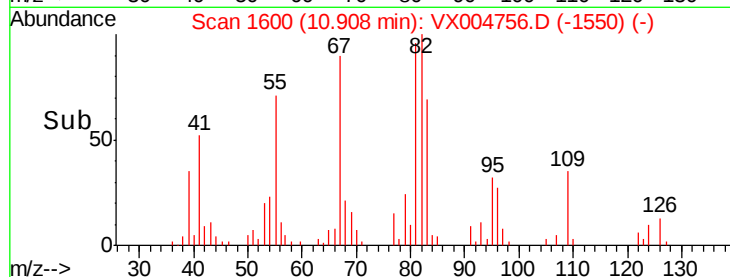
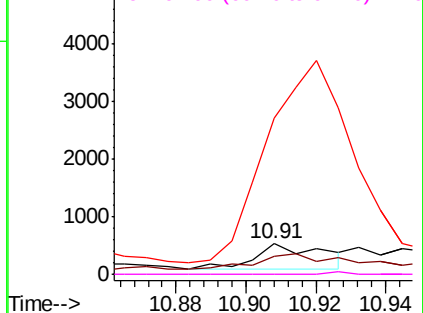


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.319 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

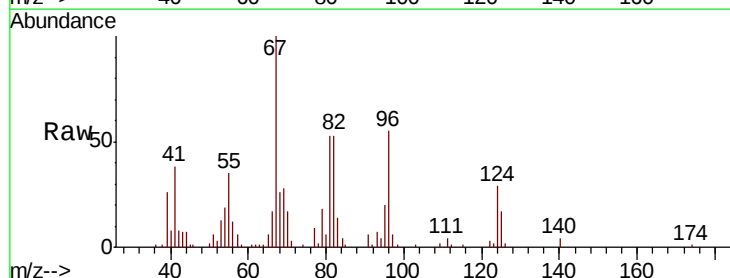
Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Tgt Ion: 83 Resp: 1972

Ion Ratio Lower Upper

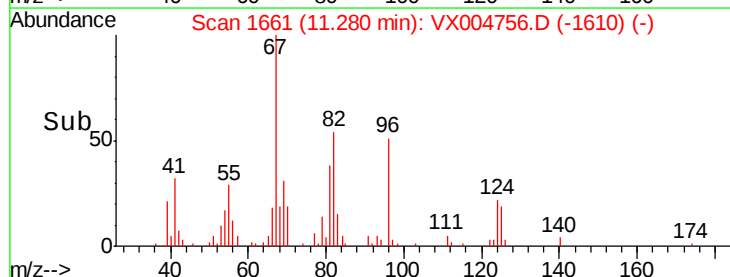
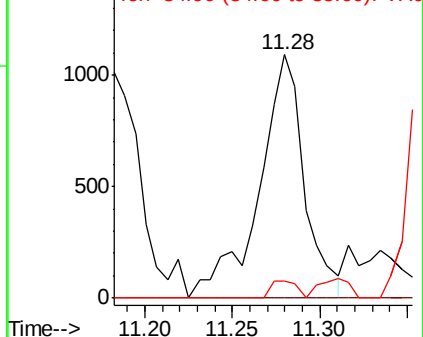
83	100		
131	0.0	5.2	15.6#
85	4.1	32.3	96.8#

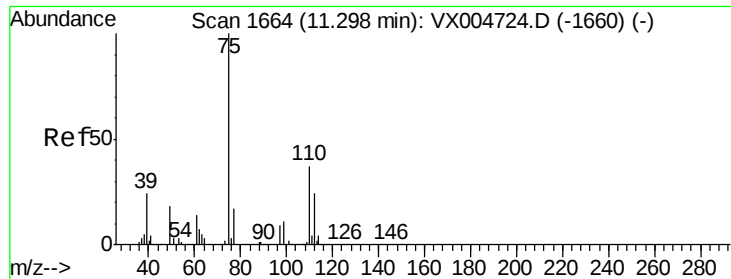


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

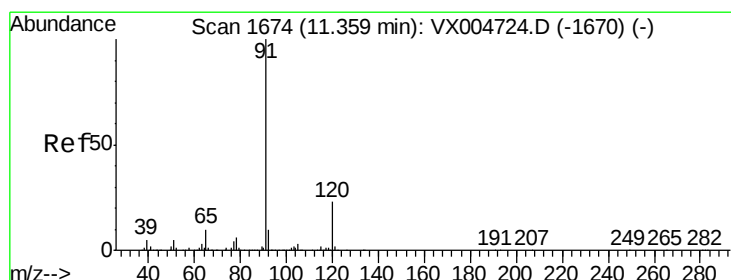
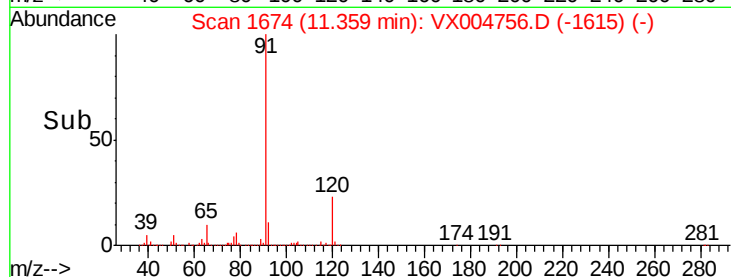
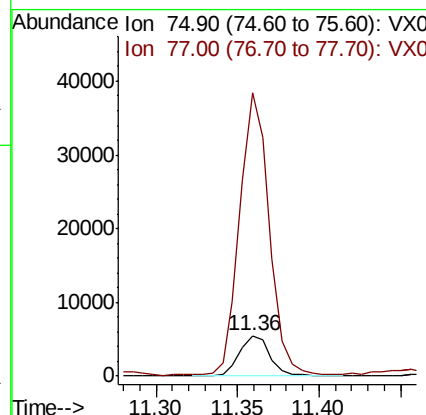
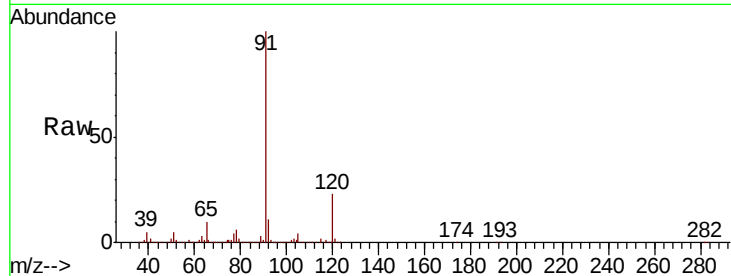




#76
 1,2,3-Trichloropropane
 Concen: 1.357 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.06 min
 Lab File: VX004756.D
 Acq: 27 Sep 2018 06:25

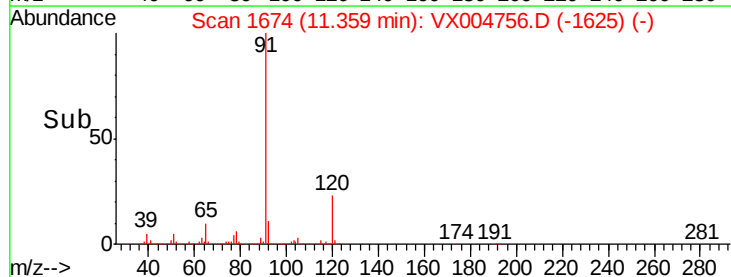
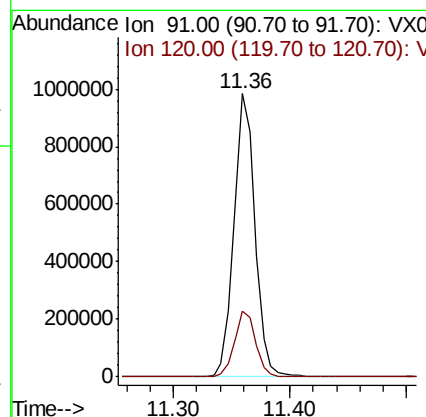
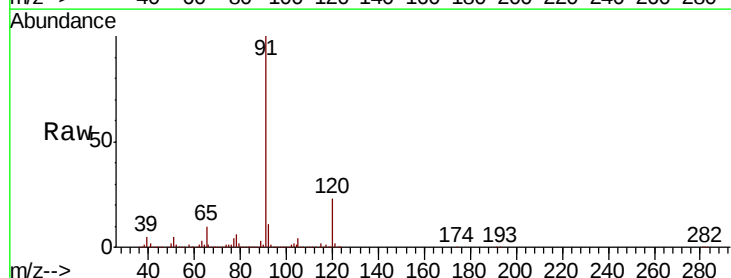
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-091918

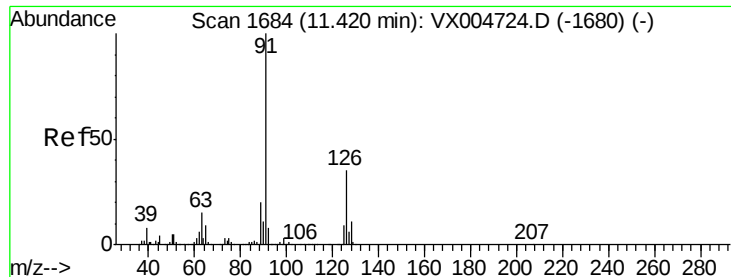
Tot Ion: 75 Resp: 7323
 Ion Ratio Lower Upper
 75 100
 77 667.0 20.2 60.6#



#78
 n-propylbenzene
 Concen: 71.183 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004756.D
 Acq: 27 Sep 2018 06:25

Tgt Ion: 91 Resp: 1239756
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 114.200 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

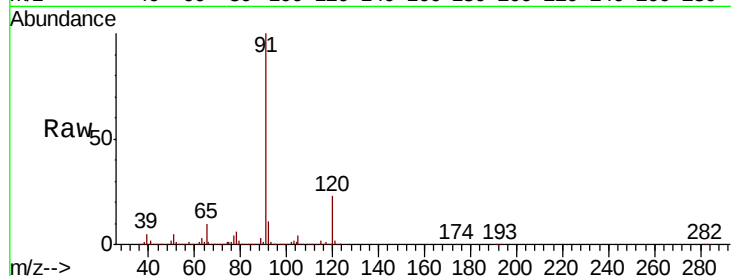
T3-MW-3-9.0-091918

Tot Ion: 91 Resp: 1239756

Ion Ratio Lower Upper

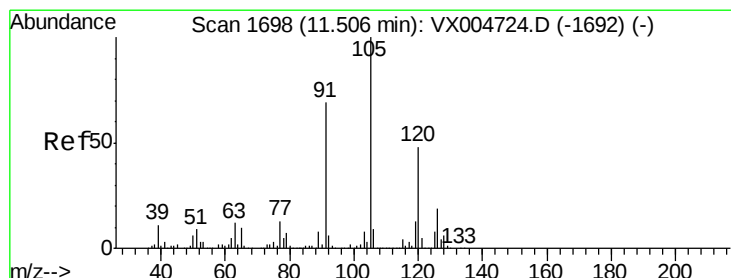
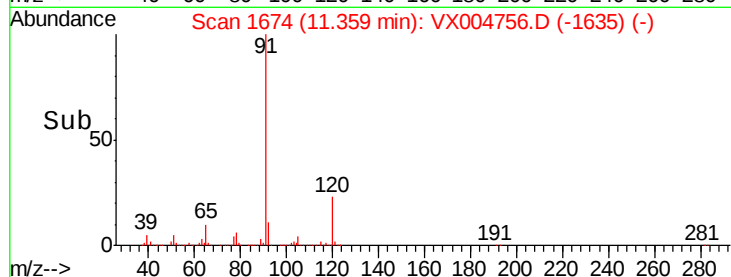
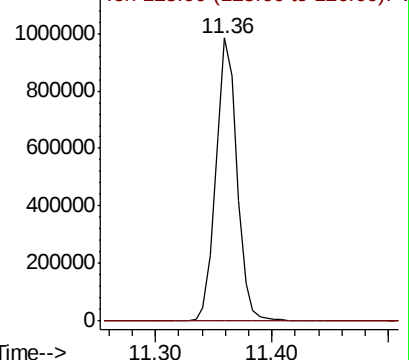
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.586 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.17 min

Lab File: VX004756.D

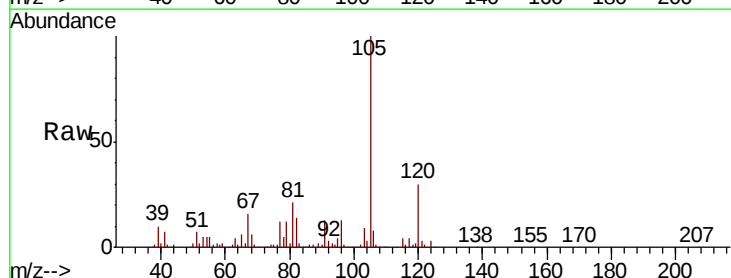
Acq: 27 Sep 2018 06:25

Tgt Ion:105 Resp: 66300

Ion Ratio Lower Upper

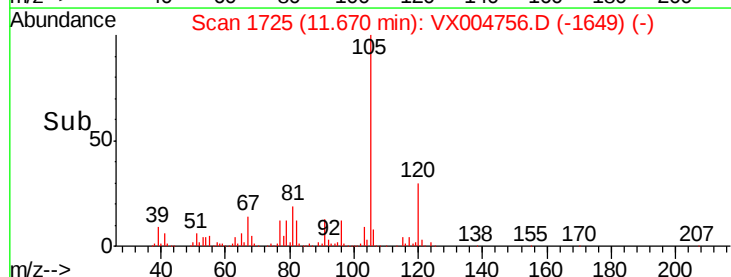
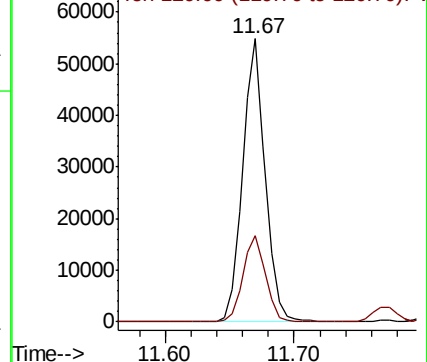
105 100

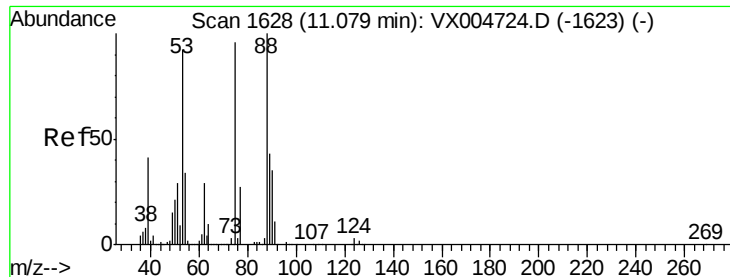
120 30.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 3.969 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. -0.05 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-091918

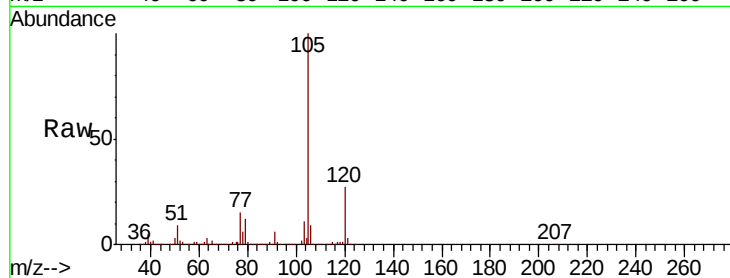
Tot Ion: 75 Resp: 4084

Ion Ratio Lower Upper

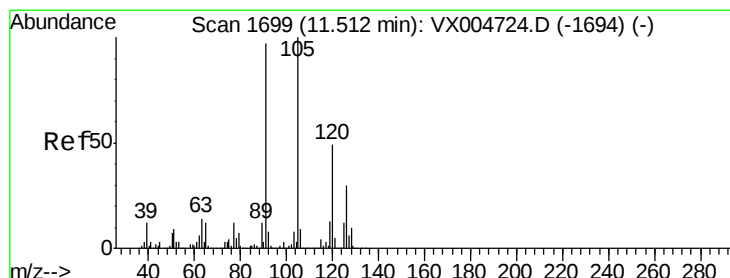
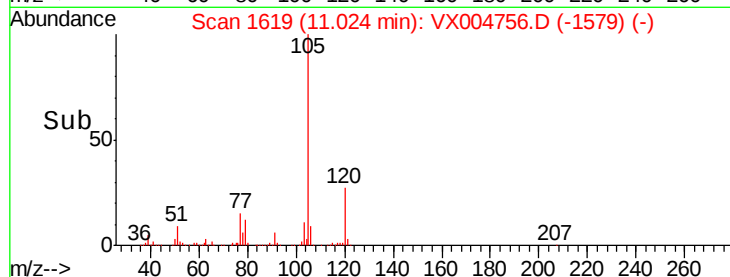
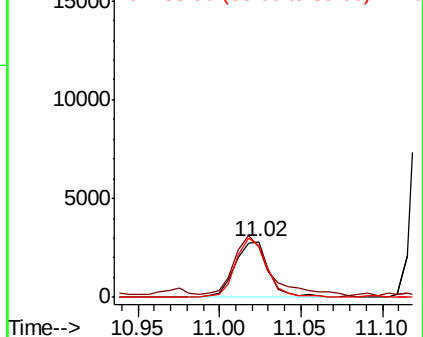
75 100

53 106.8 80.1 120.1

89 100.6 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 97.023 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004756.D

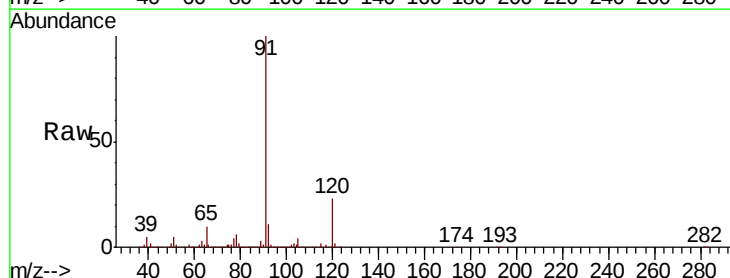
Acq: 27 Sep 2018 06:25

Tgt Ion: 91 Resp: 1239756

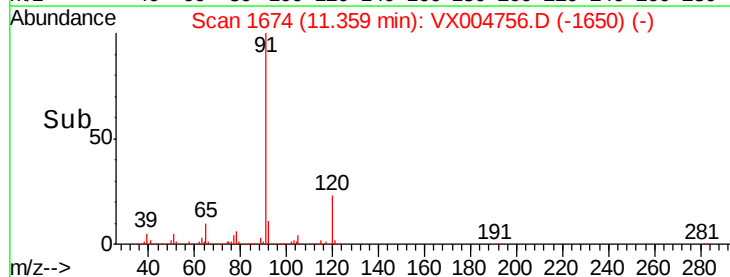
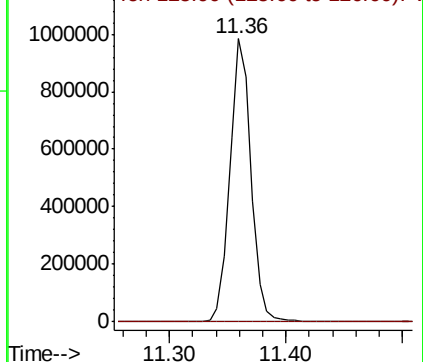
Ion Ratio Lower Upper

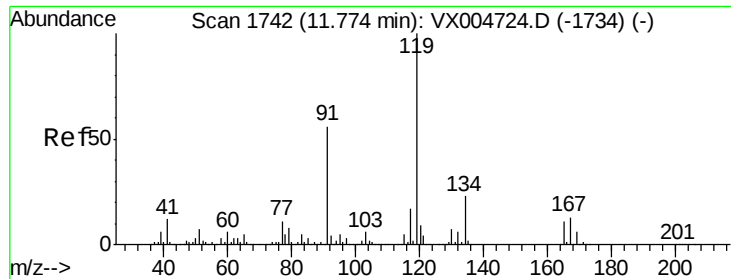
91 100

126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

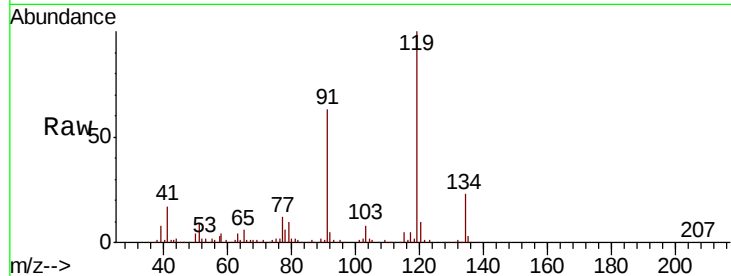




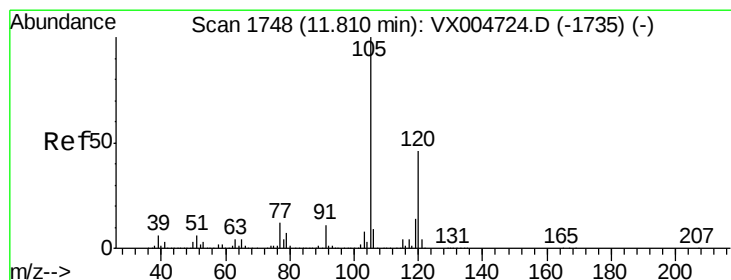
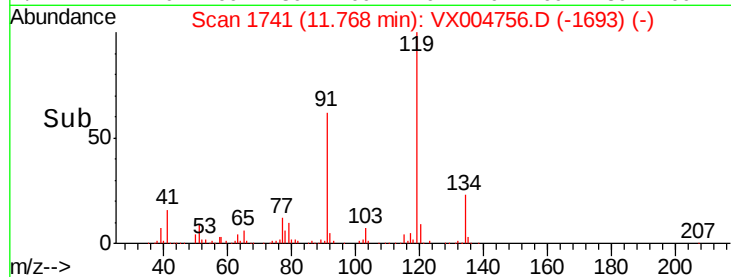
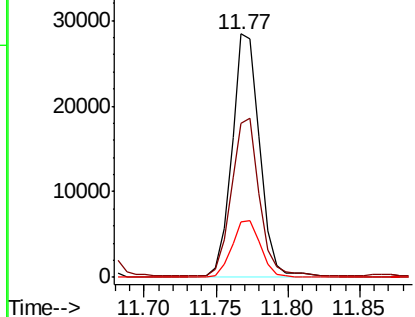
#83
tert-Butylbenzene
Concen: 3.075 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-091918

Tot Ion:119 Resp: 38430
Ion Ratio Lower Upper
119 100
91 65.1 27.0 81.0
134 24.3 11.7 35.1

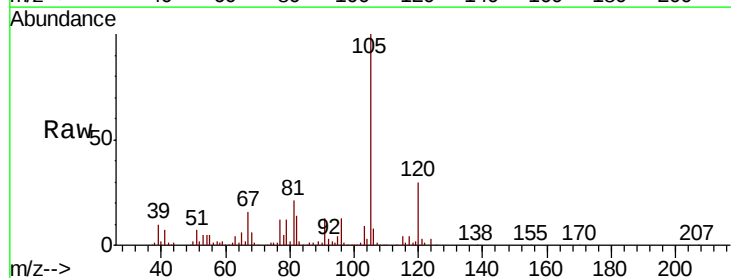


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

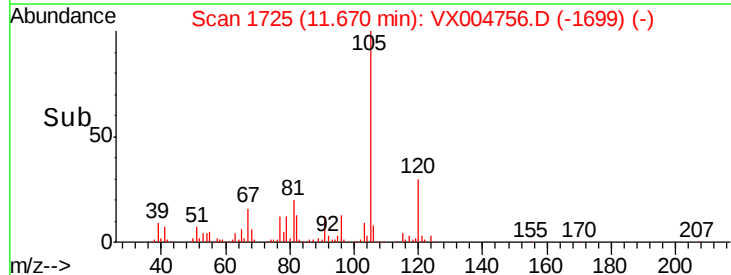
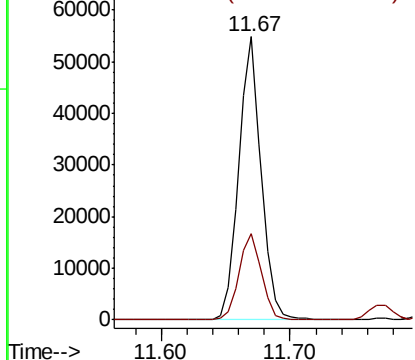


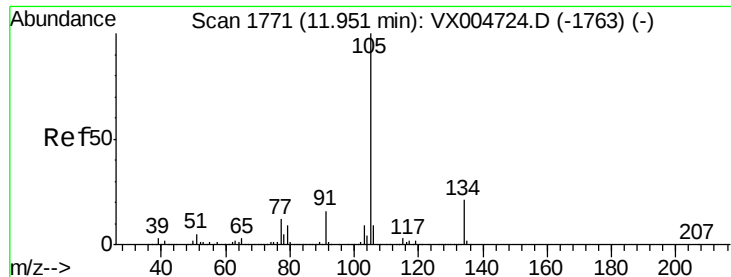
#84
1,2,4-Trimethylbenzene
Concen: 4.441 ug/l
RT: 11.67 min Scan# 1725
Delta R.T. -0.14 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion:105 Resp: 66300
Ion Ratio Lower Upper
105 100
120 30.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.607 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

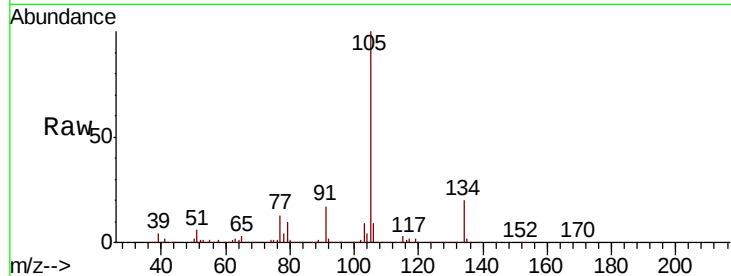
T3-MW-3-9.0-091918

Tot Ion:105 Resp: 313695

Ion Ratio Lower Upper

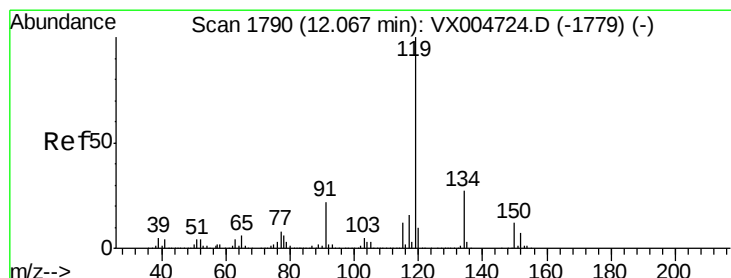
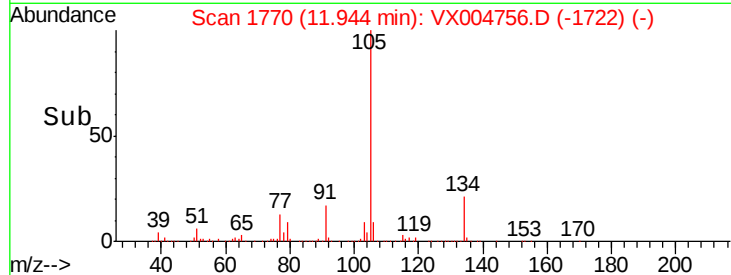
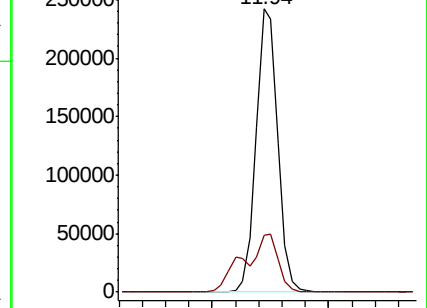
105 100

134 32.0 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.799 ug/l

RT: 12.24 min Scan# 1818

Delta R.T. 0.17 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

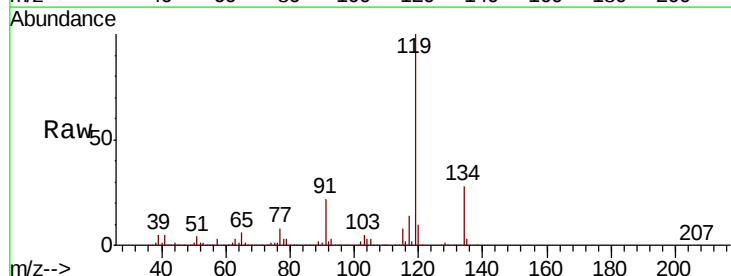
Tgt Ion:119 Resp: 107568

Ion Ratio Lower Upper

119 100

134 28.3 13.4 40.2

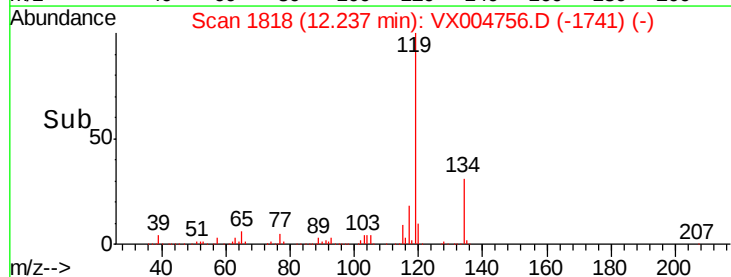
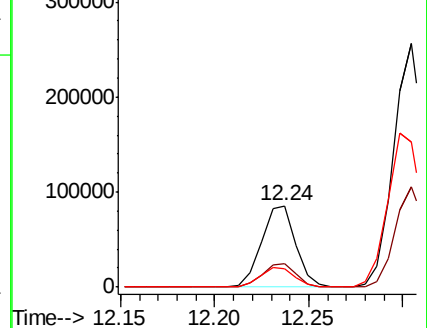
91 23.6 10.9 32.7

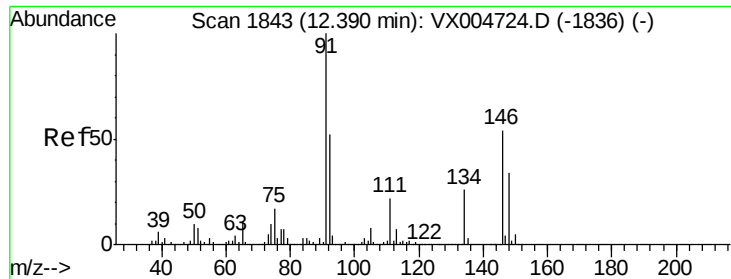


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

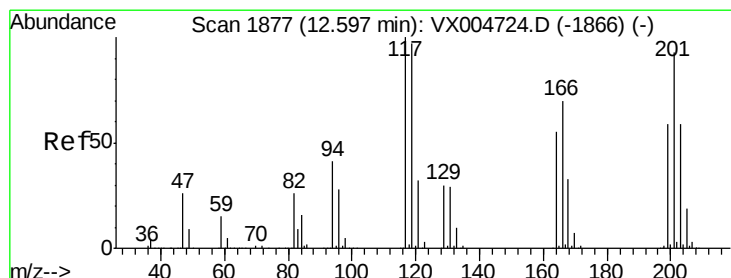
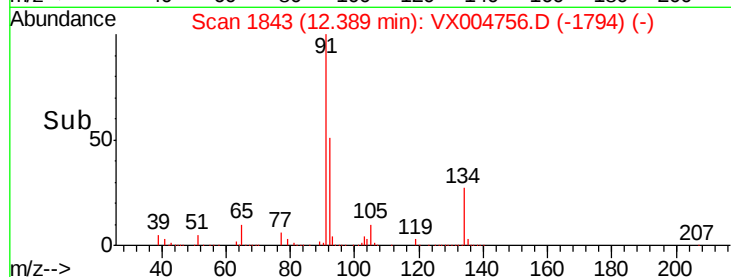
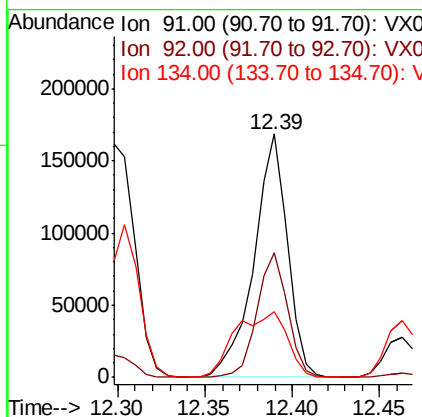
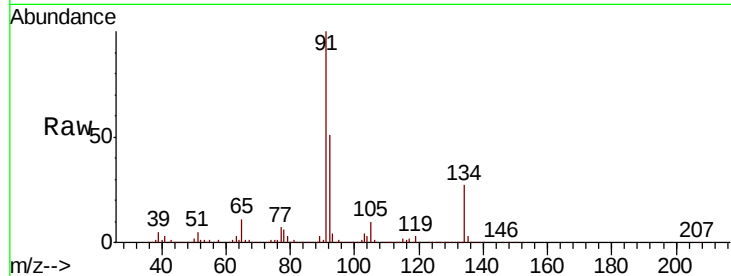




#89
n-Butylbenzene
Concen: 17.887 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

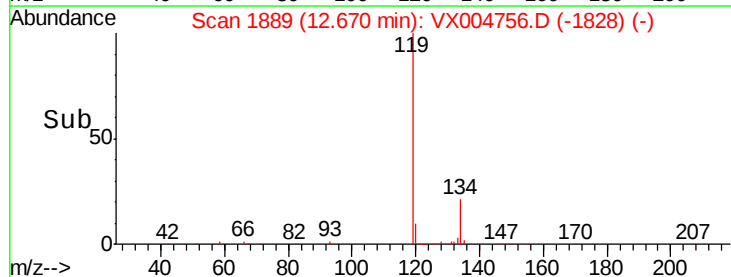
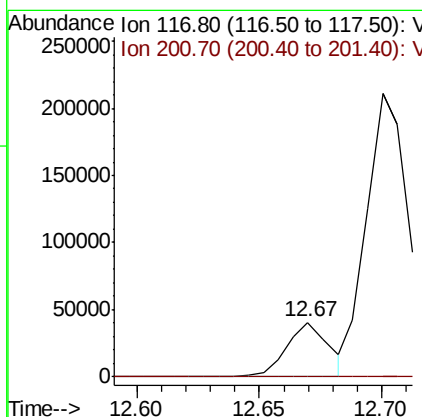
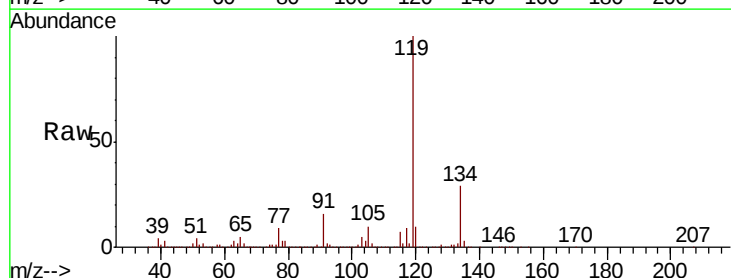
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-091918

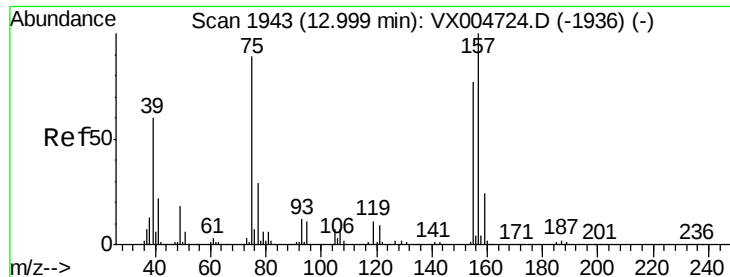
Tot Ion: 91 Resp: 224041
Ion Ratio Lower Upper
91 100
92 46.6 27.3 81.9
134 41.8 13.6 40.7#



#90
Hexachloroethane
Concen: 20.957 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX004756.D
Acq: 27 Sep 2018 06:25

Tgt Ion: 117 Resp: 48124
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.193 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-091918

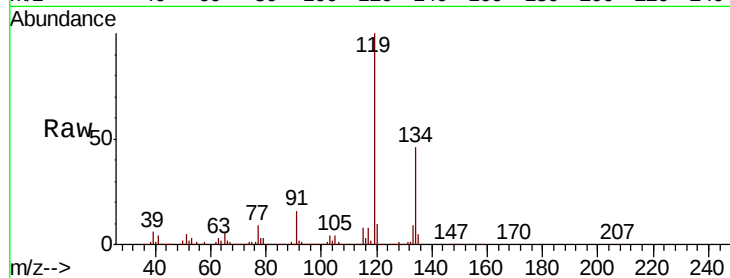
Tot Ion: 75 Resp: 5689

Ion Ratio Lower Upper

75 100

155 7.1 48.0 144.2#

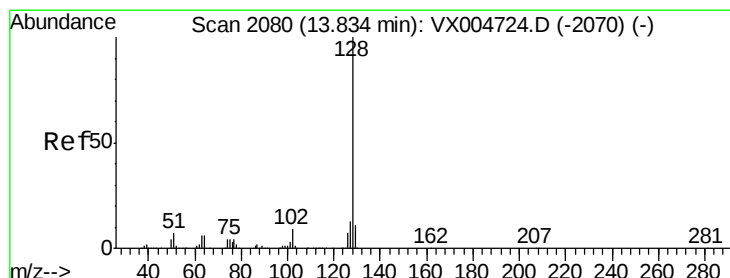
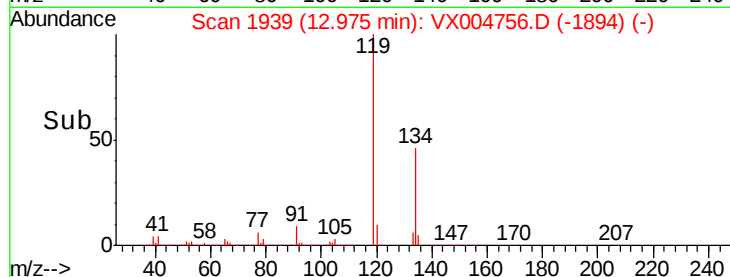
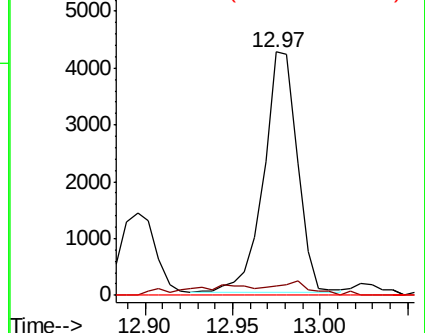
157 0.0 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1936) (-)

Ion 154.80 (154.50 to 155.50): VX004724.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX004724.D (-1936) (-)



#95

Naphthalene

Concen: 1.507 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004756.D

Acq: 27 Sep 2018 06:25

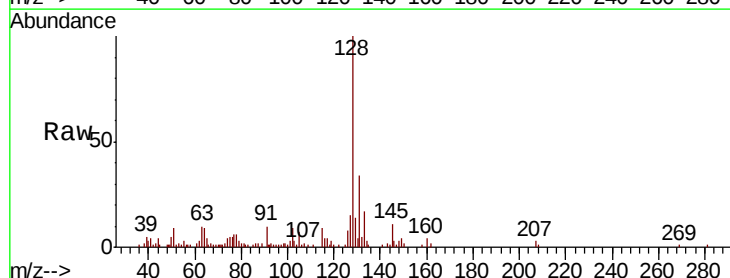
Tgt Ion: 128 Resp: 15998

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 17.3 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VX004724.D (-2070) (-)

Ion 127.00 (126.70 to 127.70): VX004724.D (-2070) (-)

Ion 129.00 (128.70 to 129.70): VX004724.D (-2070) (-)

