

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004755.D
 Acq On : 27 Sep 2018 05:58
 Operator : JC/MD
 Sample : J5020-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-091918

Quant Time: Sep 27 07:06:44 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	5.66	168	276459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194566	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
35) Dibromofluoromethane	5.51	113	169524	46.28	ug/l	0.01
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	8.72	98	632223	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.14	95	246922	56.28	ug/l	0.00
Spiked Amount			Recovery	=	112.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.51	64	43024	16.863	ug/l #	53
11) Tert butyl alcohol	3.07	59	3428	3.104	ug/l #	72
14) Allyl chloride	2.62	41	4246	0.650	ug/l #	62
15) Acrylonitrile	3.17	53	2022	0.832	ug/l #	59
16) Acetone	2.45	43	35337	15.326	ug/l	94
18) Methyl Acetate	2.84	43	10587	1.812	ug/l #	51
19) Methyl tert-butyl Ether	3.21	73	33316	3.224	ug/l #	88
20) Methylene Chloride	2.85	84	939	Below Cal	#	73
25) 2-Butanone	4.71	43	2608	0.767	ug/l	93
30) Chloroform	5.26	83	1285	0.207	ug/l #	38
31) Cyclohexane	5.58	56	32606	6.489	ug/l #	82
36) 1,1-Dichloropropene	5.66	75	18393	3.680	ug/l #	50
38) Carbon Tetrachloride	5.66	117	24213	4.609	ug/l #	14
39) Methylcyclohexane	7.46	83	79375	15.554	ug/l	91
40) Benzene	6.14	78	8619	0.551	ug/l	91
43) Isopropyl Acetate	6.46	43	2379	0.248	ug/l #	67
45) 1,2-Dichloropropane	7.45	63	1440	0.375	ug/l #	1
47) Bromodichloromethane	7.98	83	2400	0.532	ug/l #	25
48) Methyl methacrylate	7.74	41	13535	3.114	ug/l #	55
49) 1,4-Dioxane	7.77	88	25	0.232	ug/l #	1
52) Toluene	8.79	92	7136	0.830	ug/l	93
56) Ethyl methacrylate	9.16	69	4232	3.515	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	118	14.276	ug/l #	45
59) 2-Hexanone	9.51	43	1946	0.387	ug/l	84
67) Ethyl Benzene	10.26	91	18560	1.086	ug/l	98
68) m/p-Xylenes	10.37	106	1916	0.287	ug/l	95
69) o-Xylene	10.70	106	2537	0.414	ug/l	84
70) Styrene	10.71	104	353	2.170	ug/l #	1
73) Isopropylbenzene	11.02	105	655254	42.479	ug/l	99
74) N-amyl acetate	10.91	43	788	1.838	ug/l #	1
76) 1,2,3-Trichloropropane	11.36	75	17546	3.199	ug/l #	1
78) n-propylbenzene	11.36	91	2917581	164.847	ug/l	99
79) 2-Chlorotoluene	11.36	91	2917581	264.466	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.67	105	243576	17.099	ug/l	71

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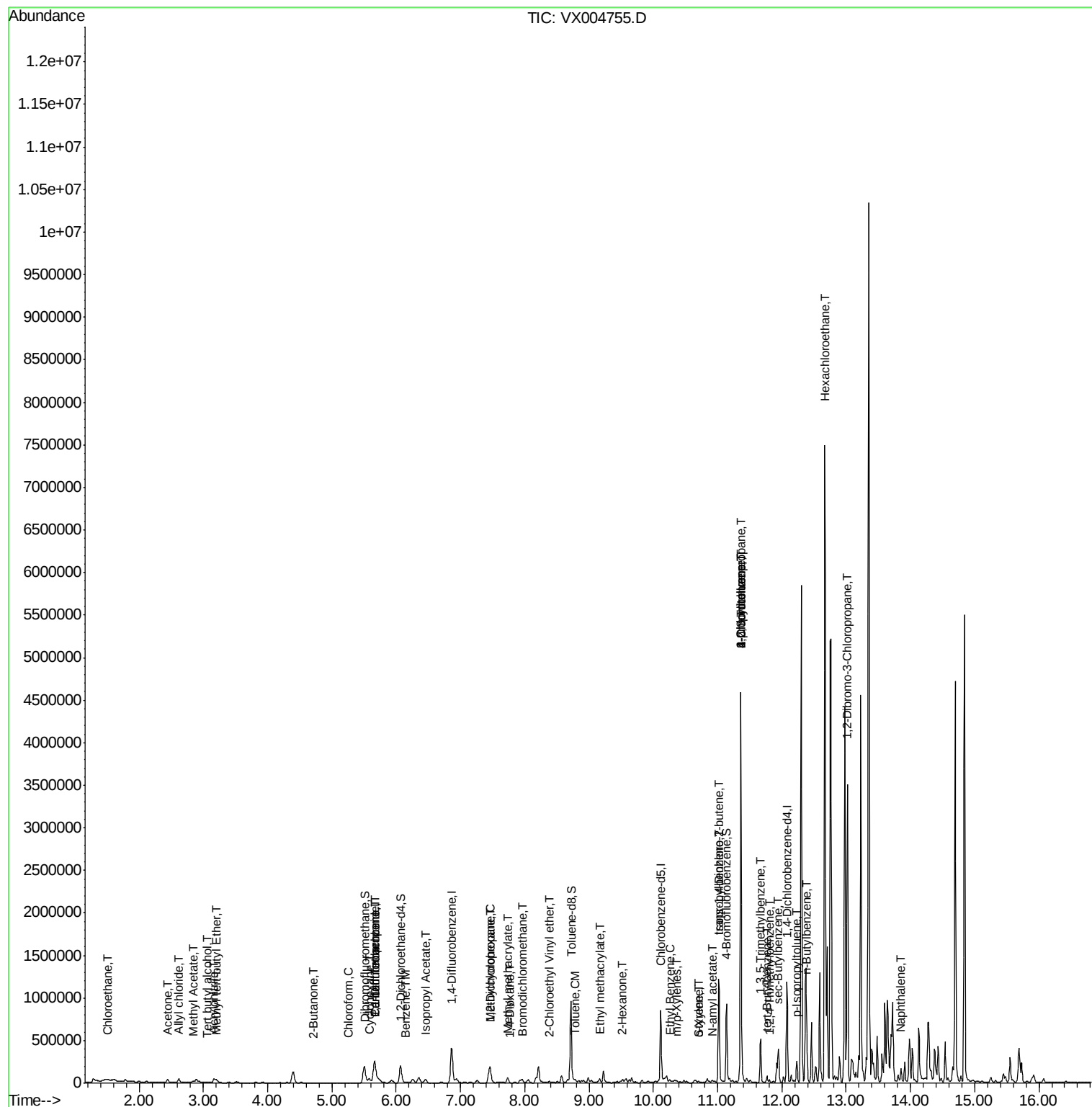
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81) trans-1,4-Dichloro-2-buten	11.02	75	7482	5.560	ug/l #	67
82) 4-Chlorotoluene	11.36	91	2917581	224.687	ug/l #	44
83) tert-Butylbenzene	11.77	119	28313	2.229	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	13163	0.708	ug/l	98
85) sec-Butylbenzene	11.94	105	212522	13.738	ug/l	98
86) p-Isopropyltoluene	12.23	119	112625	8.036	ug/l	96
89) n-Butylbenzene	12.39	91	303416	23.838	ug/l #	53
90) Hexachloroethane	12.67	117	319450	136.897	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	10794	7.829	ug/l #	1
95) Naphthalene	13.83	128	7510	1.083	ug/l #	70

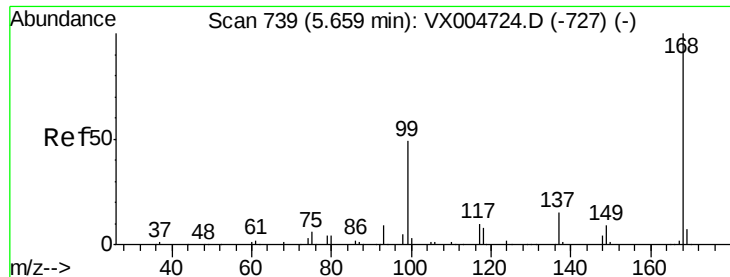
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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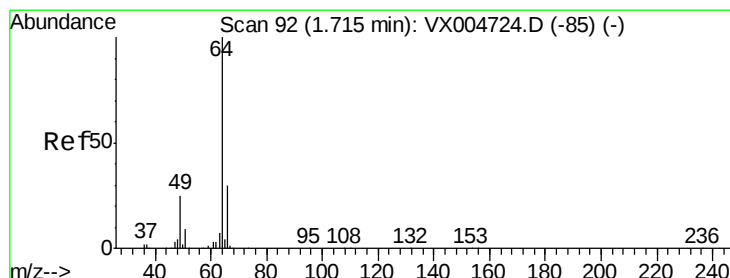
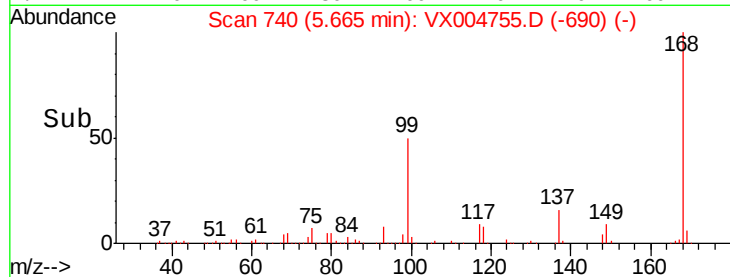
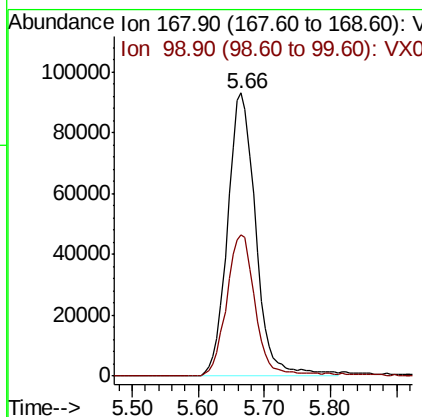
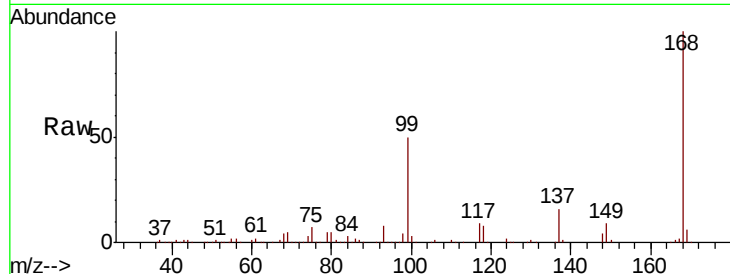




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

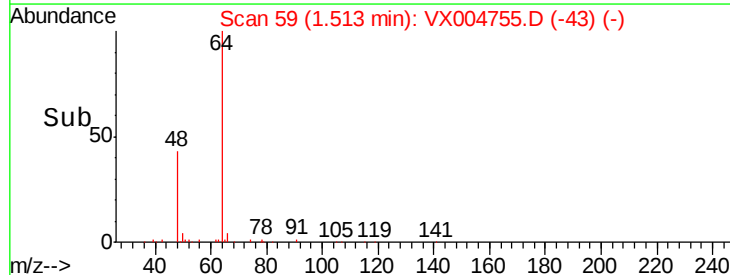
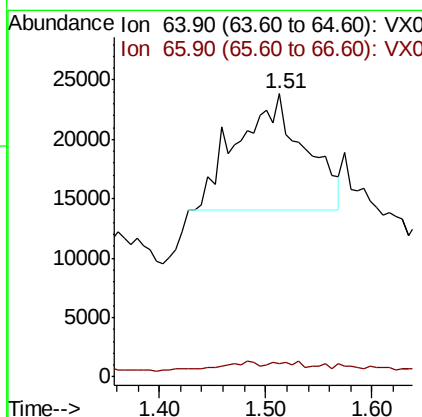
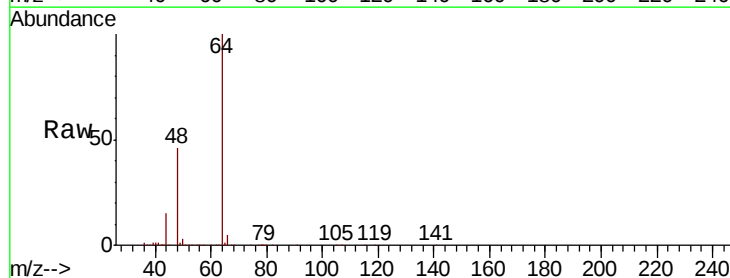
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

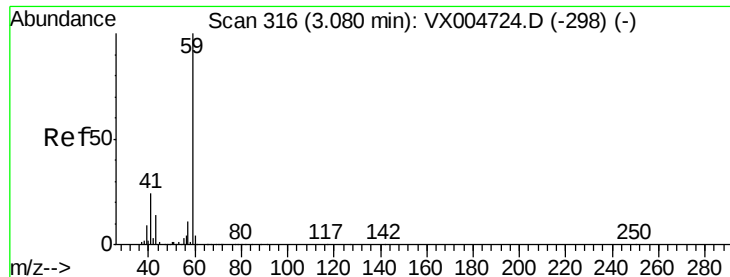
Tot Ion:168 Resp: 276459
Ion Ratio Lower Upper
168 100
99 49.7 39.9 59.9



#6
Chloroethane
Concen: 16.863 ug/l
RT: 1.51 min Scan# 59
Delta R.T. -0.20 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 64 Resp: 43024
Ion Ratio Lower Upper
64 100
66 5.0 24.6 36.8#



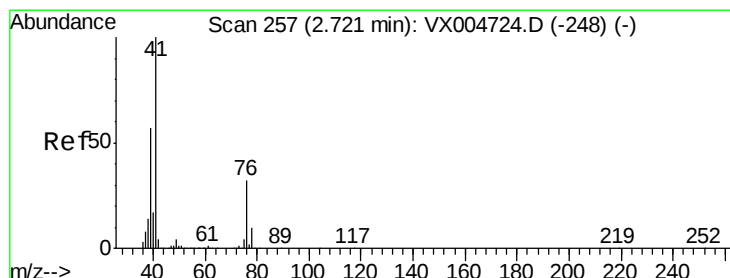
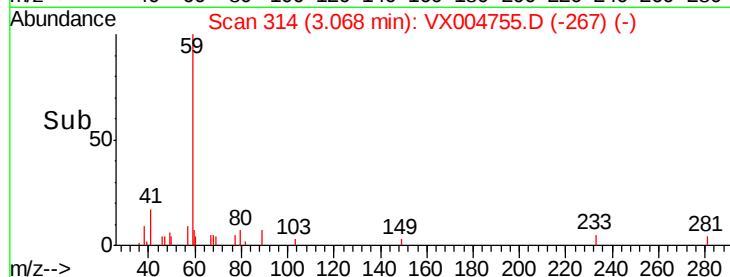
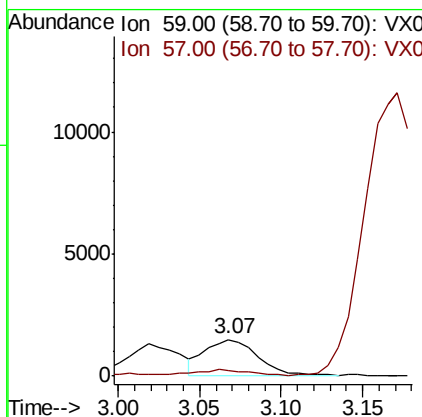
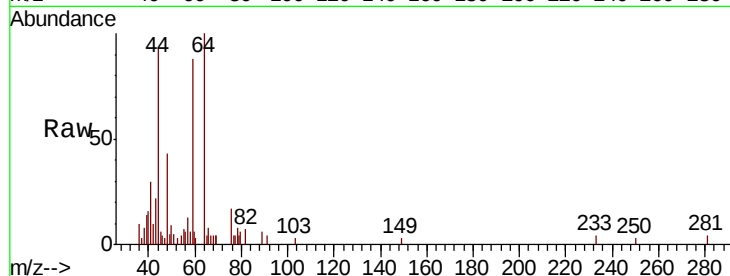


#11

Tert butyl alcohol
Concen: 3.104 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

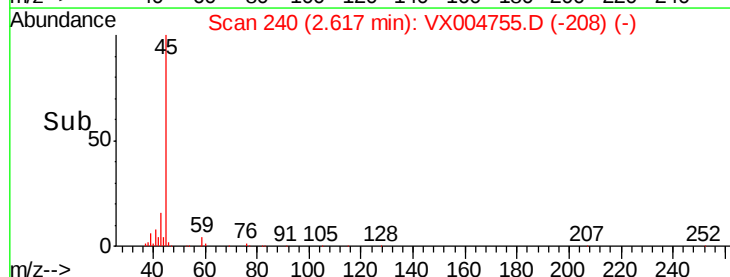
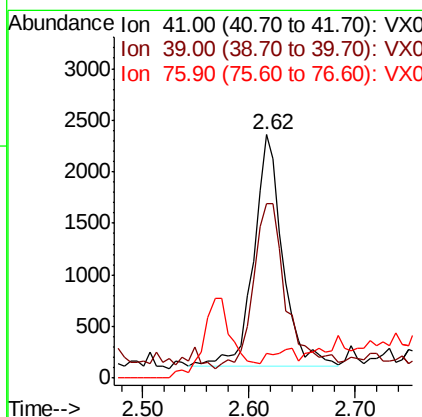
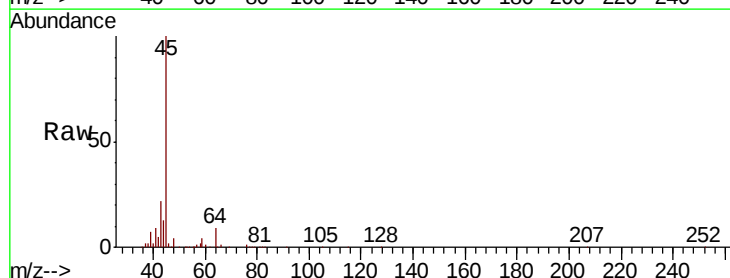
Tot Ion: 59 Resp: 3428
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

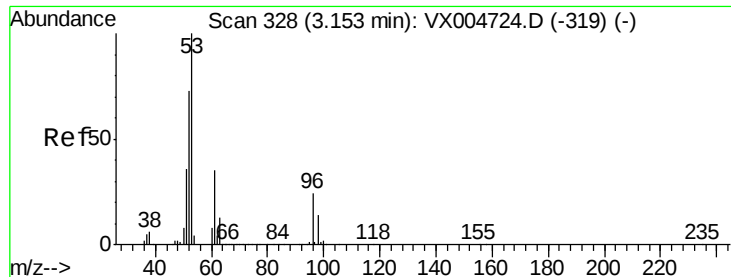


#14

Allyl chloride
Concen: 0.650 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 41 Resp: 4246
Ion Ratio Lower Upper
41 100
39 81.1 48.9 73.3#
76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 0.832 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

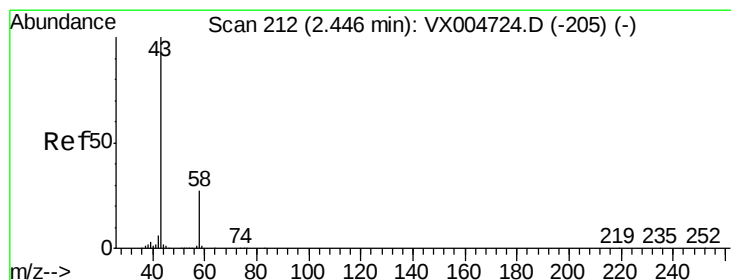
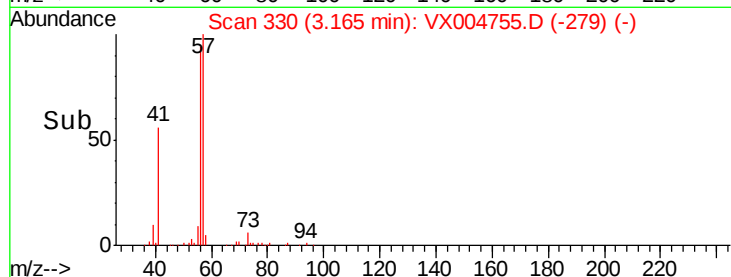
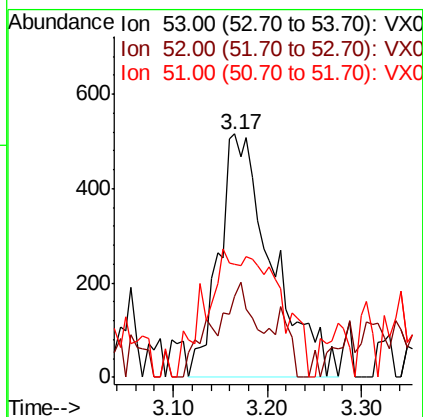
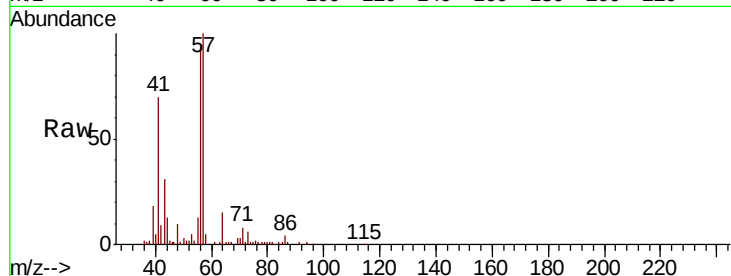
MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

Tot Ion: 53 Resp: 2022

Ion	Ratio	Lower	Upper
53	100		
52	29.5	65.2	97.8#
51	34.6	28.2	42.2



#16

Acetone

Concen: 15.326 ug/l

RT: 2.45 min Scan# 212

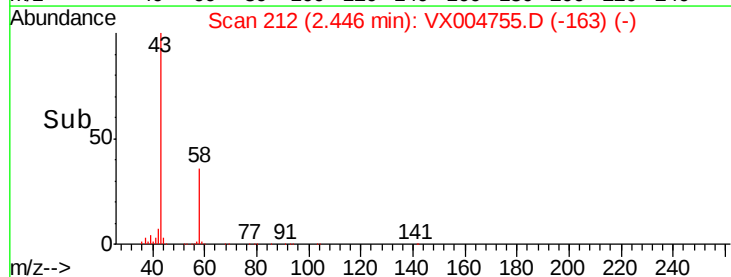
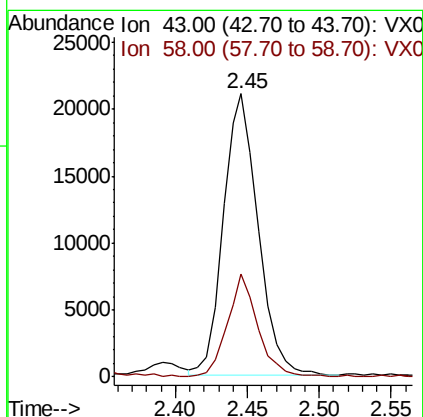
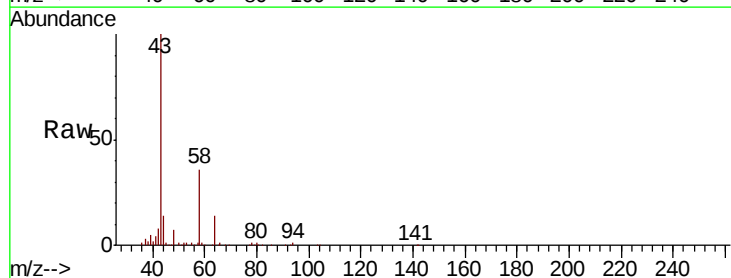
Delta R.T. -0.00 min

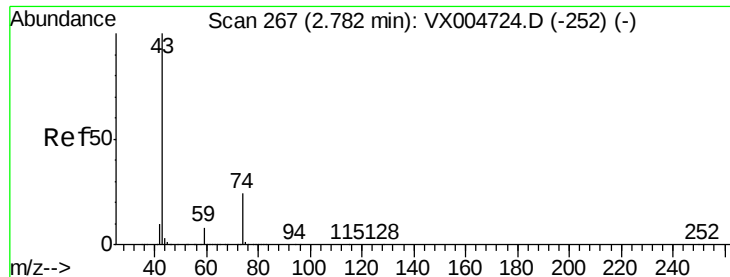
Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Tgt Ion: 43 Resp: 35337

Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.2	39.4

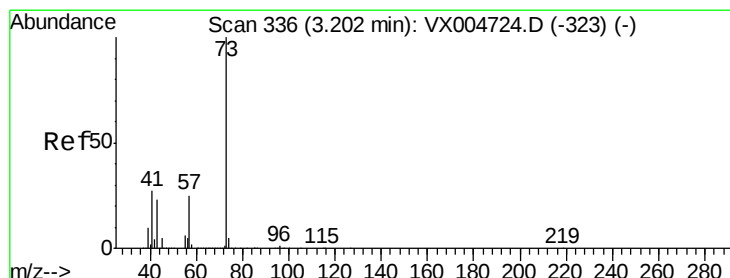
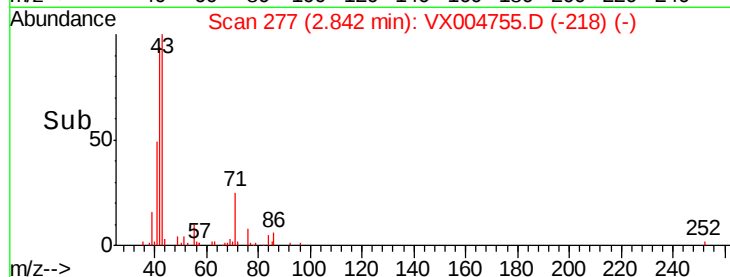
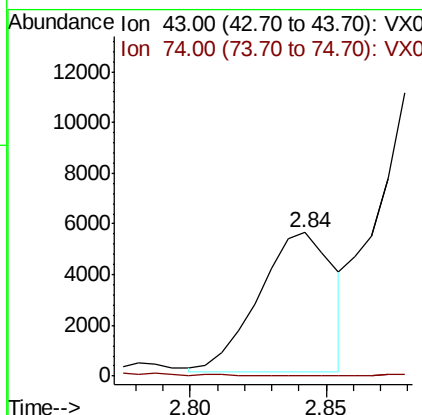
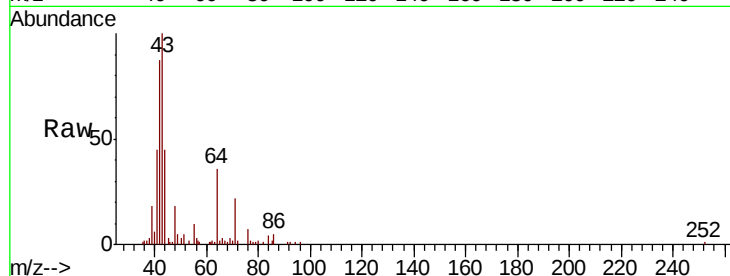




#18
Methyl Acetate
Concen: 1.812 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

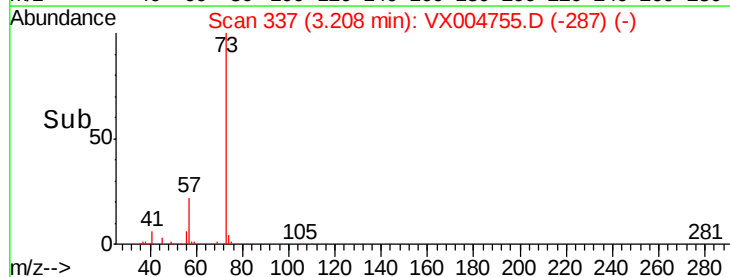
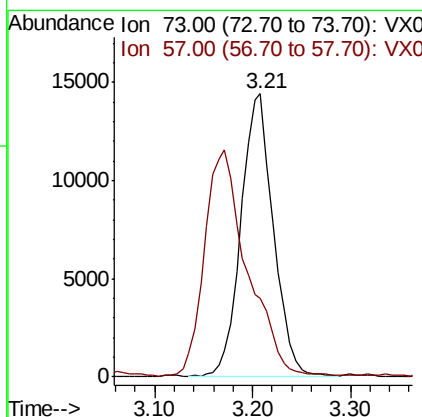
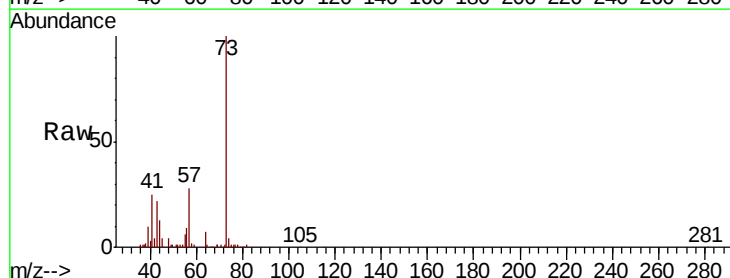
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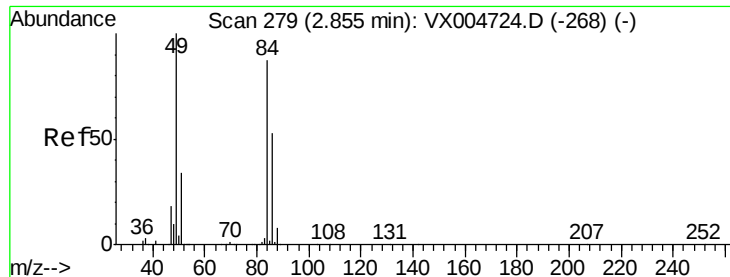
Tot Ion: 43 Resp: 10587
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 3.224 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 73 Resp: 33316
Ion Ratio Lower Upper
73 100
57 26.9 17.1 25.7#

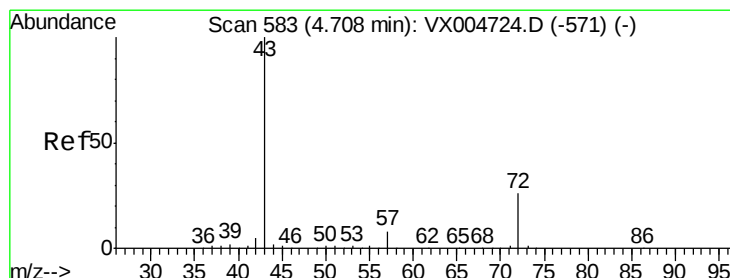
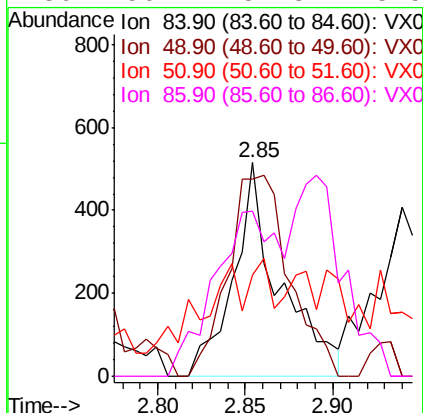
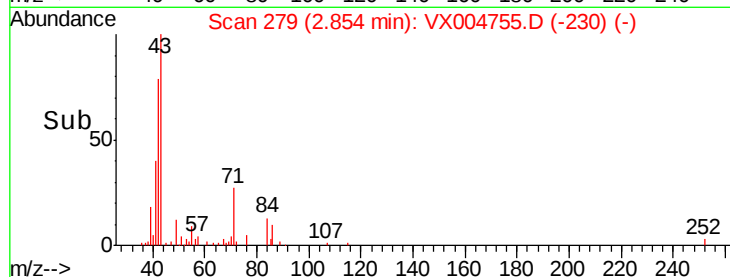
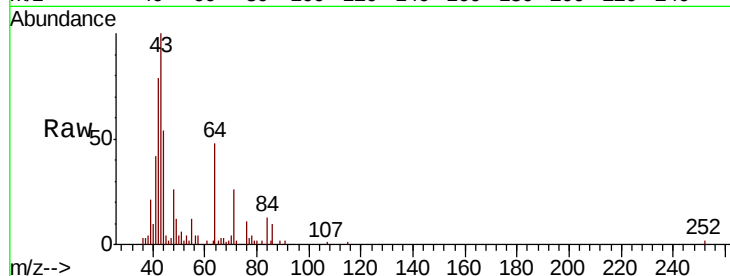




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

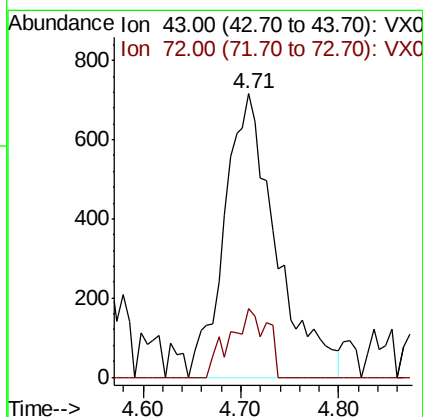
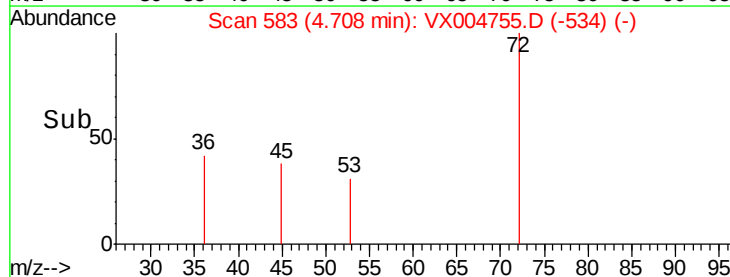
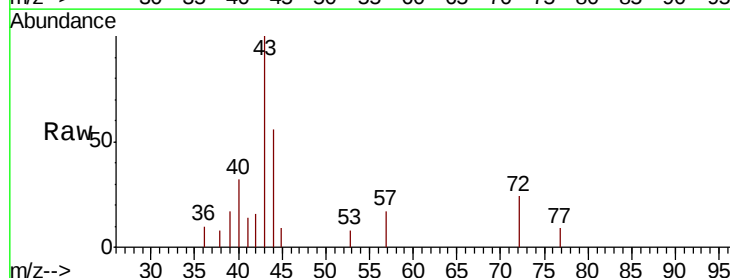
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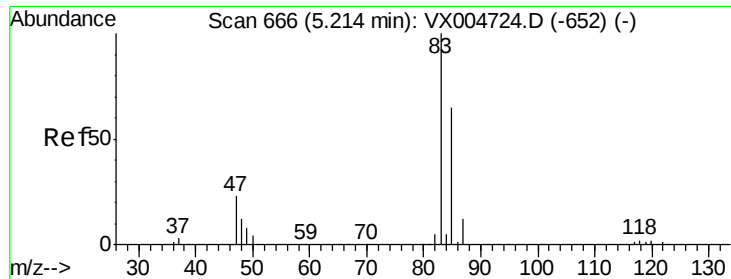
Tot Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 92.6 101.2 151.8#
51 11.5 29.5 44.3#
86 56.1 52.3 78.5



#25
2-Butanone
Concen: 0.767 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
72 24.0 22.0 33.0

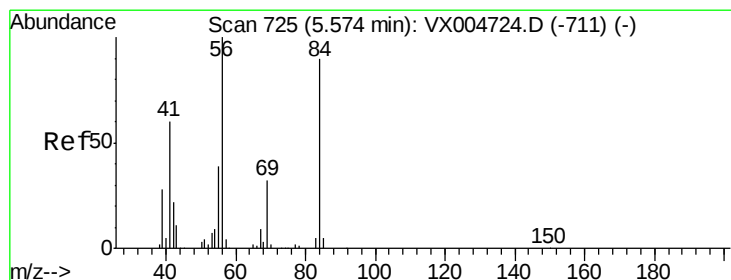
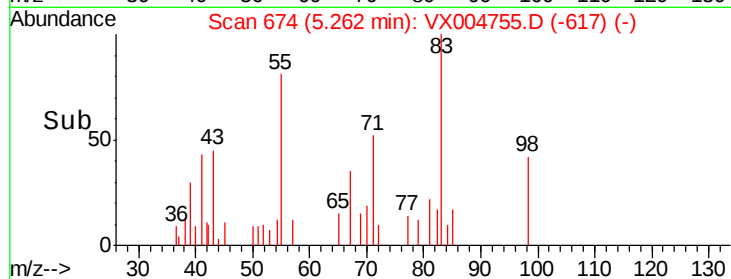
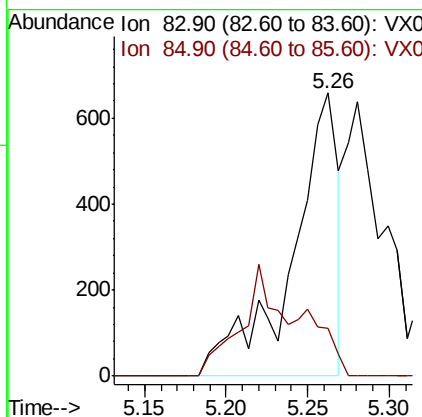
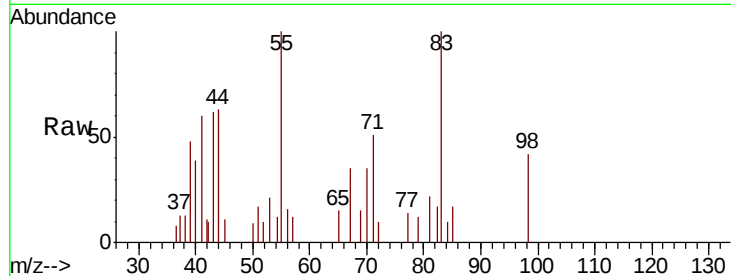




#30
Chloroform
Concen: 0.207 ug/l
RT: 5.26 min Scan# 674
Delta R.T. 0.05 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

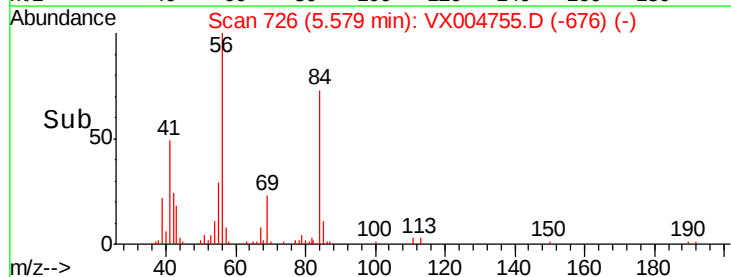
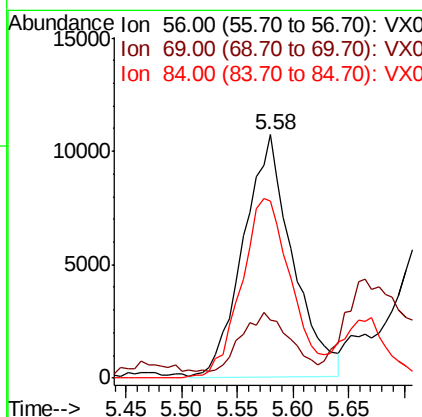
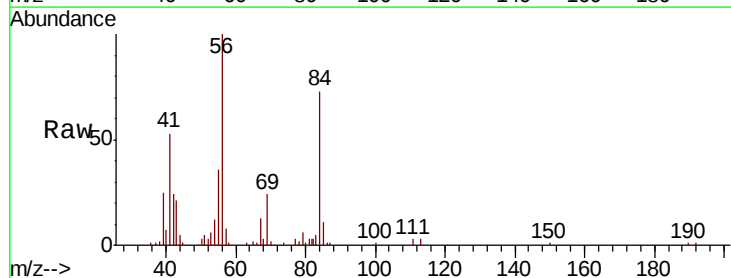
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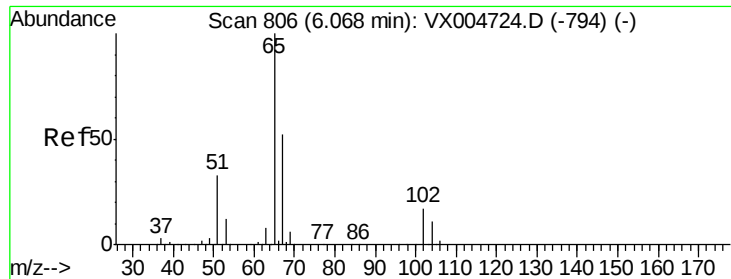
Tot Ion: 83 Resp: 1285
Ion Ratio Lower Upper
83 100
85 16.7 52.6 79.0#



#31
Cyclohexane
Concen: 6.489 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 56 Resp: 32606
Ion Ratio Lower Upper
56 100
69 20.7 25.4 38.2#
84 73.0 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 49.267 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

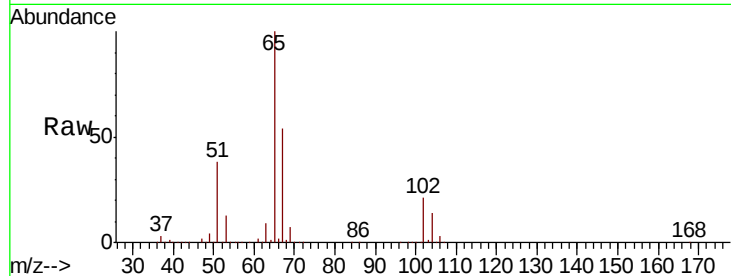
T3-MW-2-9.0-091918

Tot Ion: 65 Resp: 194566

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

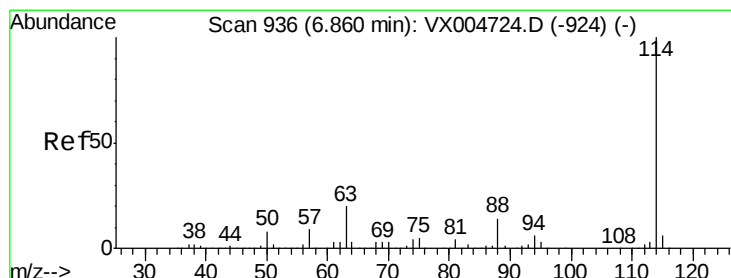
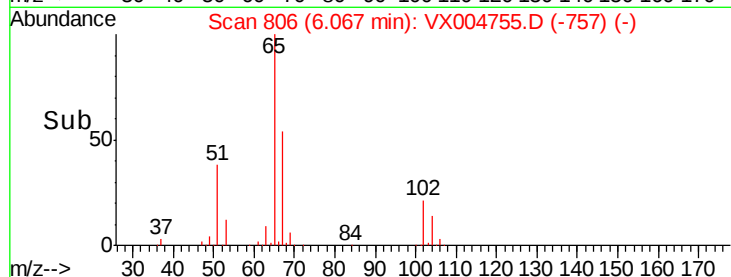
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

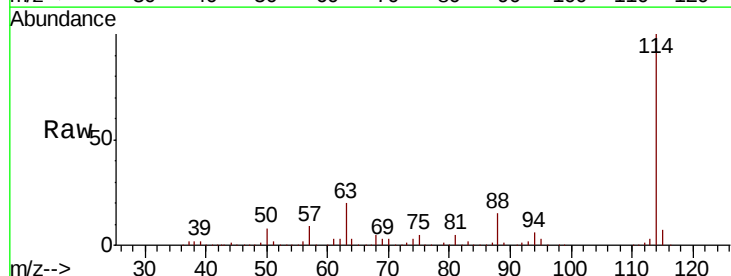
Tgt Ion: 114 Resp: 432200

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.2 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

200000

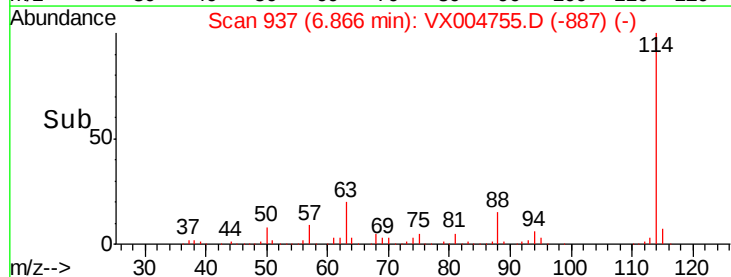
150000

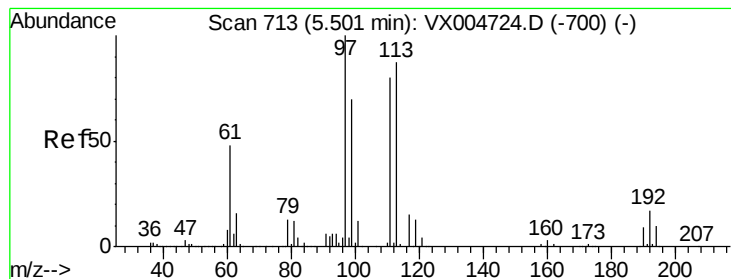
100000

50000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.281 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

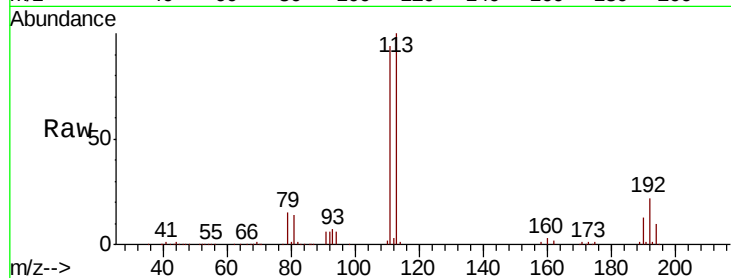
Tot Ion:113 Resp: 169524

Ion Ratio Lower Upper

113 100

111 100.3 82.4 123.6

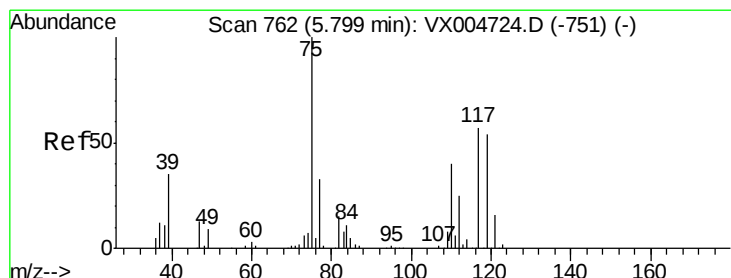
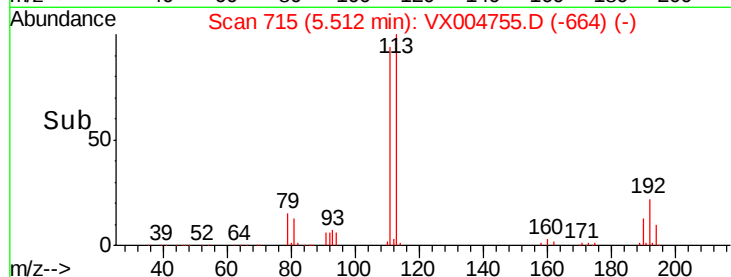
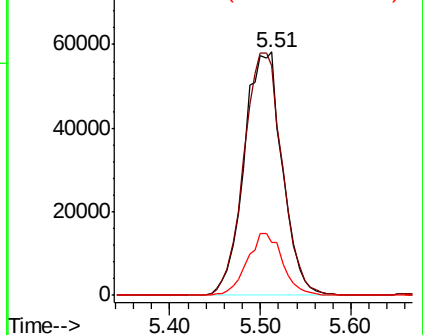
192 23.6 19.4 29.2



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: 3.680 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

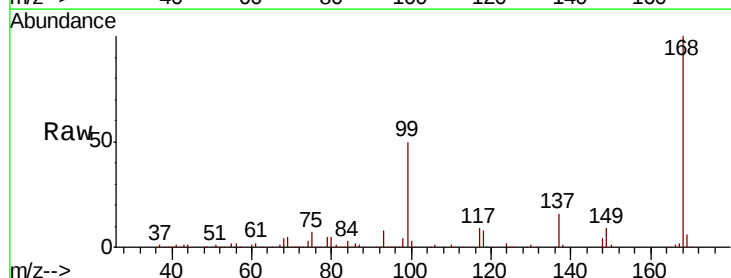
Tgt Ion: 75 Resp: 18393

Ion Ratio Lower Upper

75 100

110 9.7 18.0 54.0#

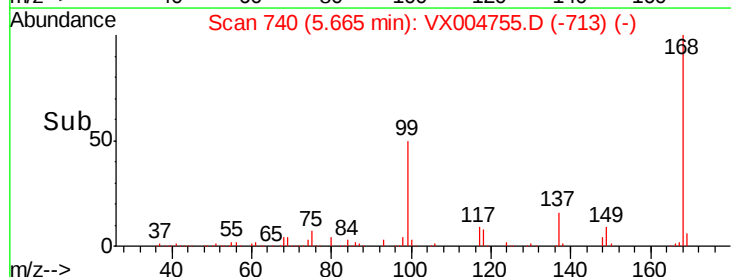
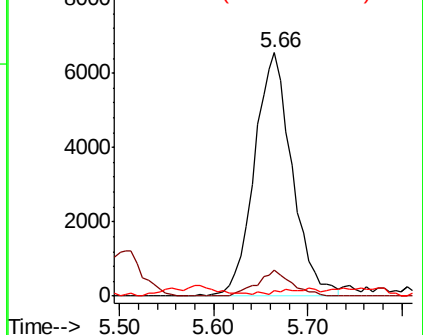
77 0.2 24.6 36.8#

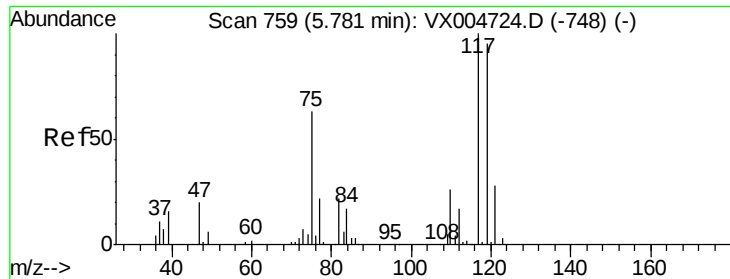


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.609 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

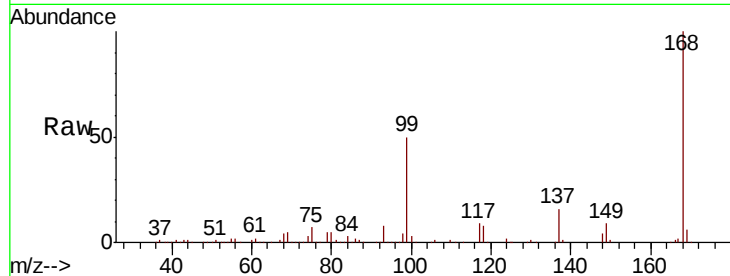
Tot Ion:117 Resp: 24213

Ion Ratio Lower Upper

117 100

119 4.4 78.8 118.2#

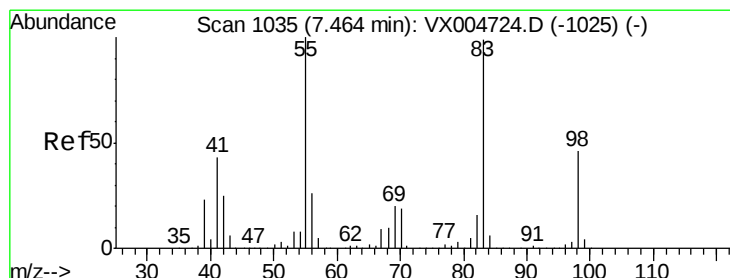
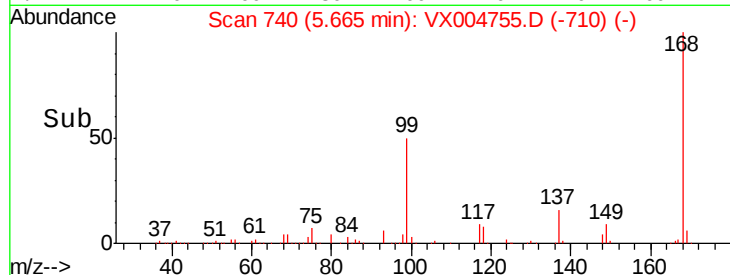
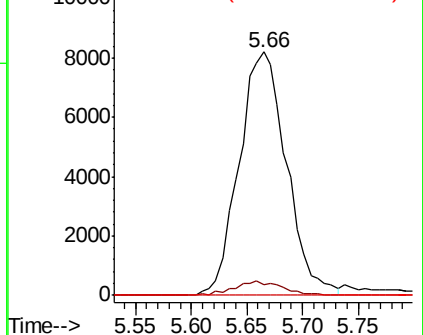
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 15.554 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

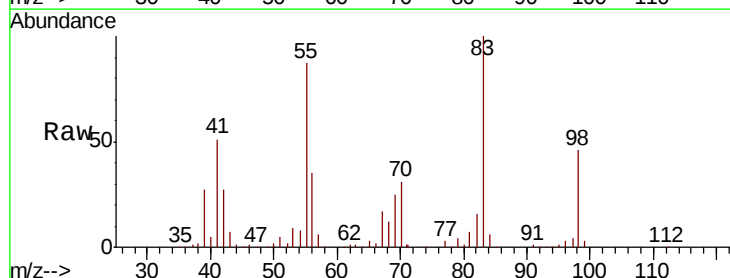
Tgt Ion: 83 Resp: 79375

Ion Ratio Lower Upper

83 100

55 86.4 61.0 91.4

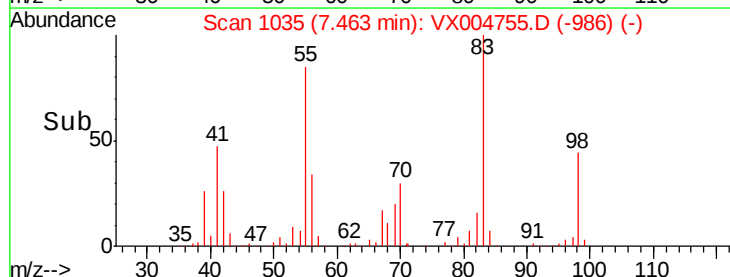
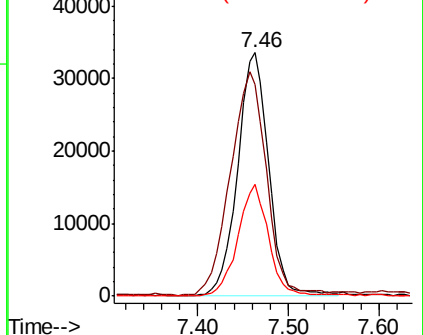
98 46.0 39.6 59.4

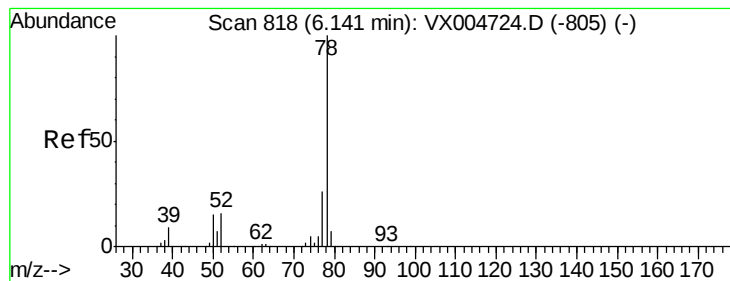


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.551 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

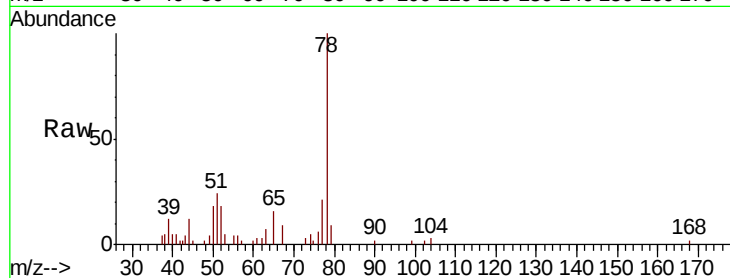
T3-MW-2-9.0-091918

Tot Ion: 78 Resp: 8619

Ion Ratio Lower Upper

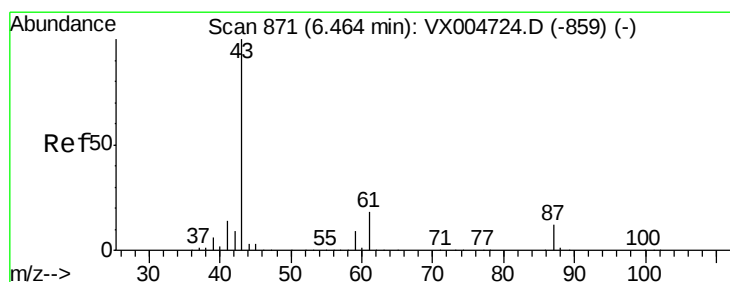
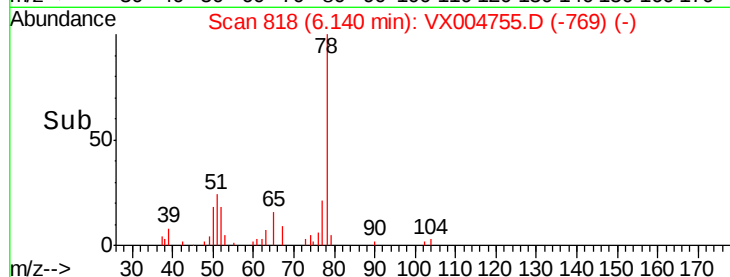
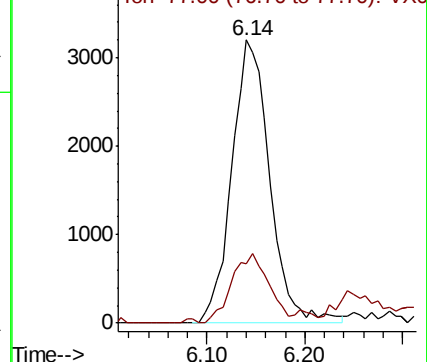
78 100

77 19.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.248 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

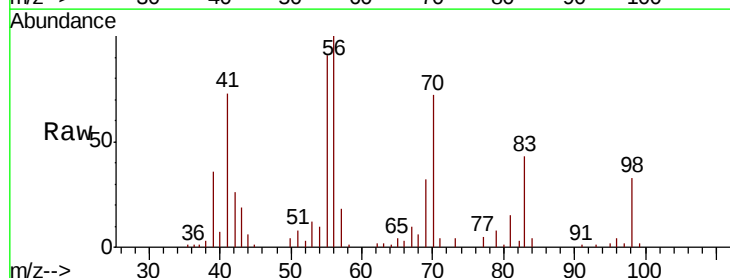
Tgt Ion: 43 Resp: 2379

Ion Ratio Lower Upper

43 100

61 0.9 17.0 25.4#

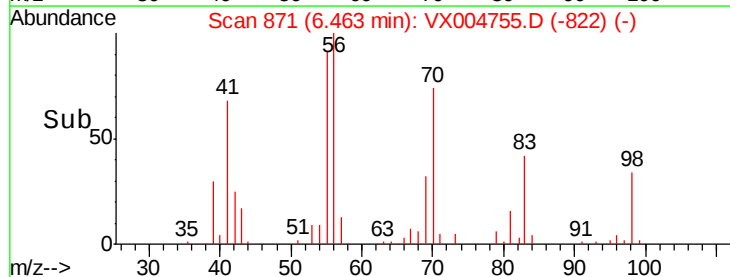
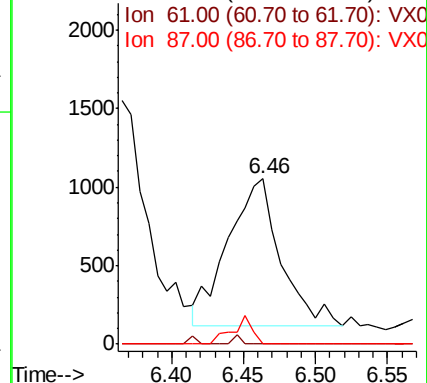
87 7.4 11.4 17.2#

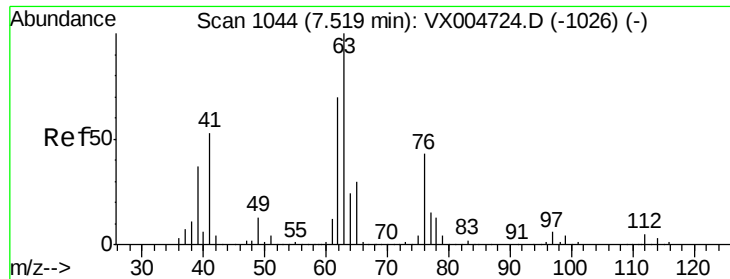


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 0.375 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

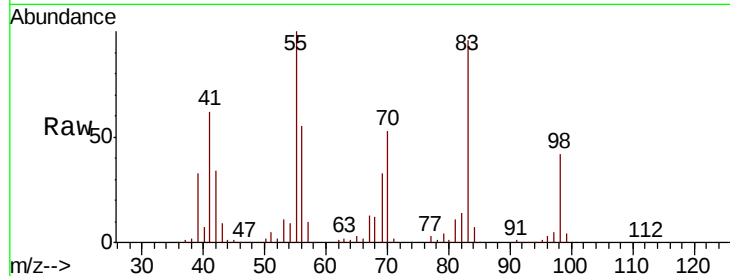
T3-MW-2-9.0-091918

Tot Ion: 63 Resp: 1440

Ion Ratio Lower Upper

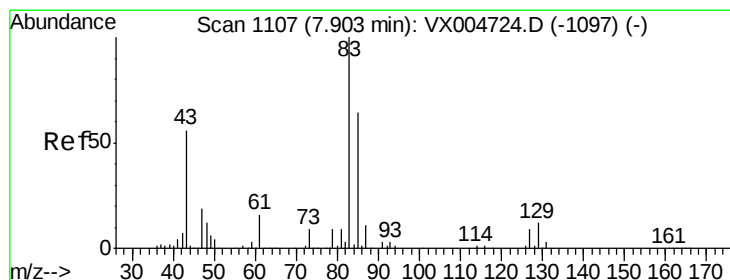
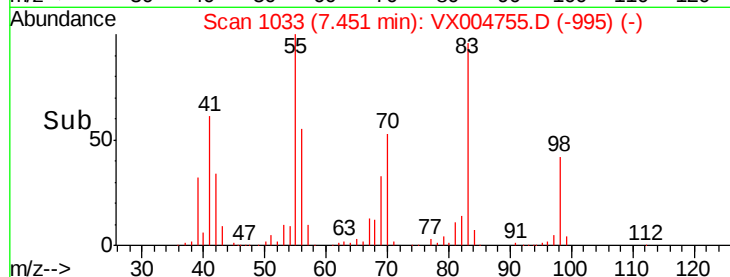
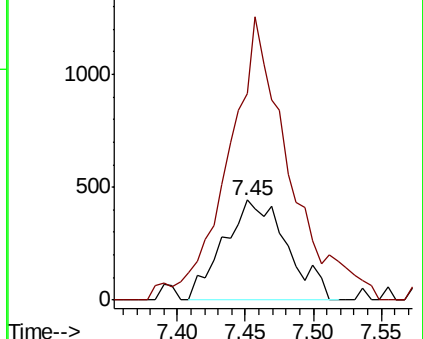
63 100

65 180.1 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.532 ug/l

RT: 7.98 min Scan# 1119

Delta R.T. 0.07 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

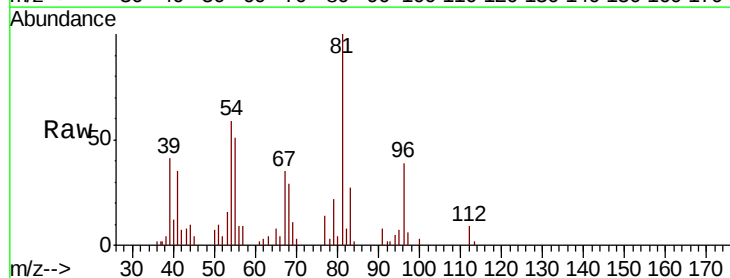
Tgt Ion: 83 Resp: 2400

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

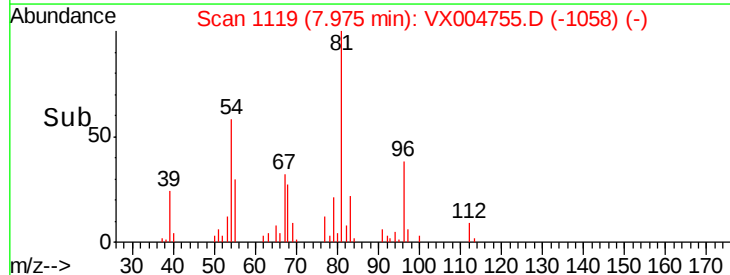
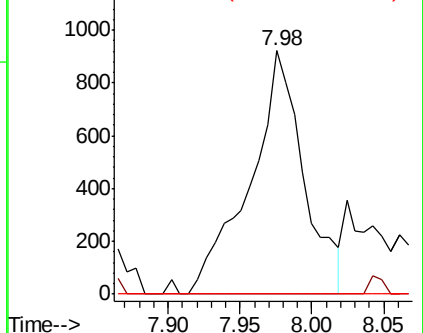
127 0.0 7.3 10.9#

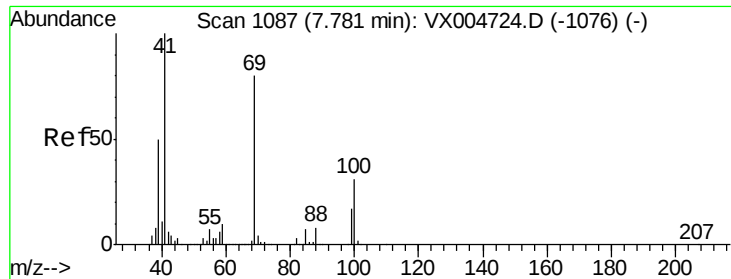


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

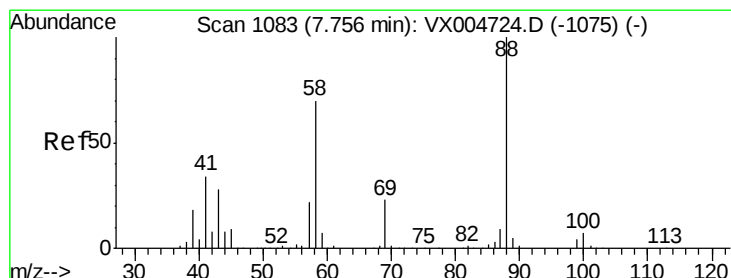
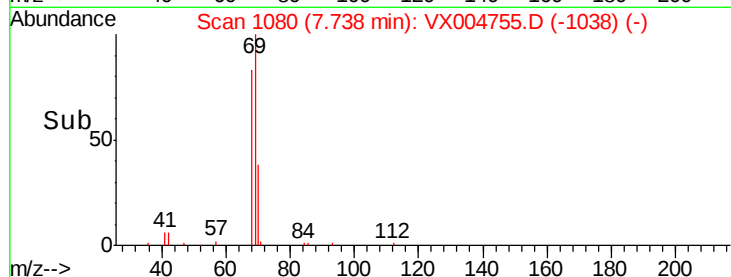
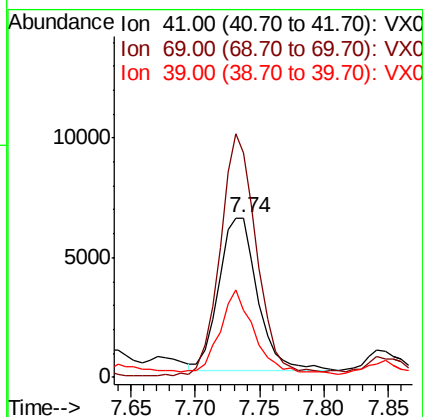
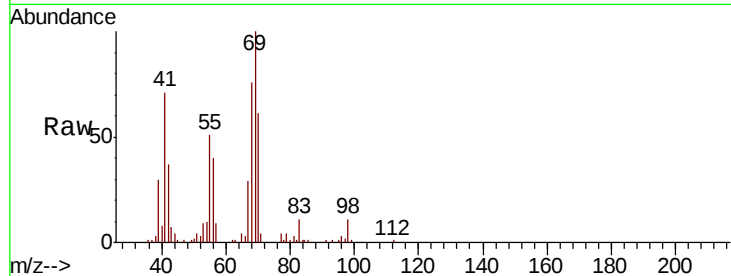




#48
Methvl methacrylate
Concen: 3.114 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.04 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

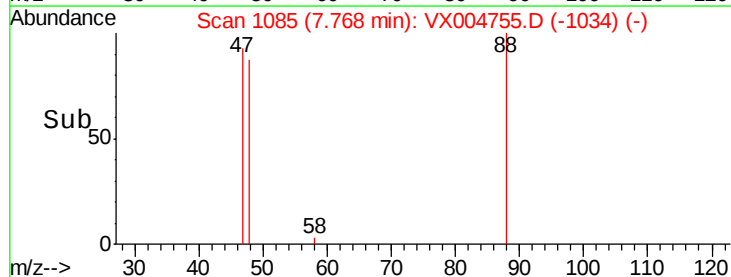
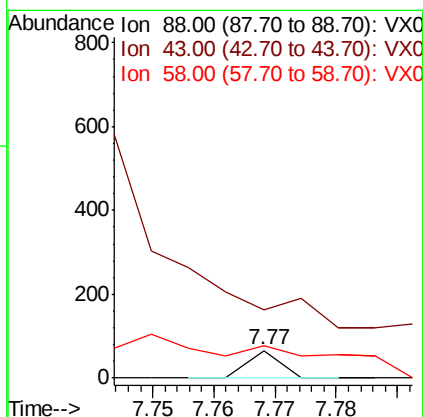
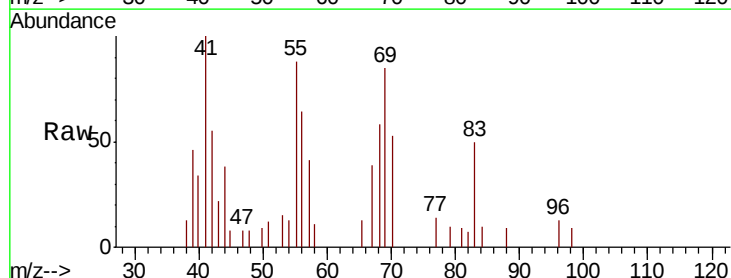
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

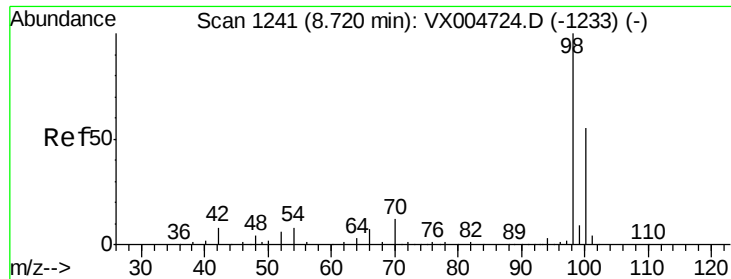
Tot Ion: 41 Resp: 13535
Ion Ratio Lower Upper
41 100
69 148.2 70.2 105.4#
39 44.9 42.7 64.1



#49
1,4-Dioxane
Concen: 0.232 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 440.0 55.3 82.9#

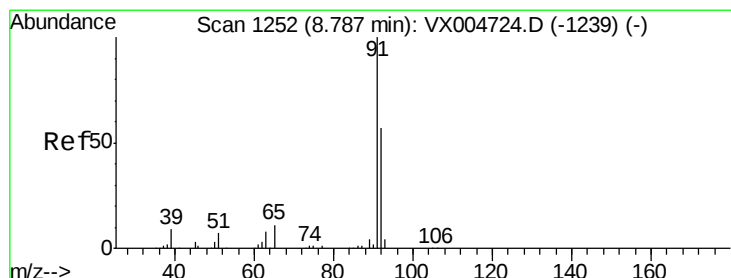
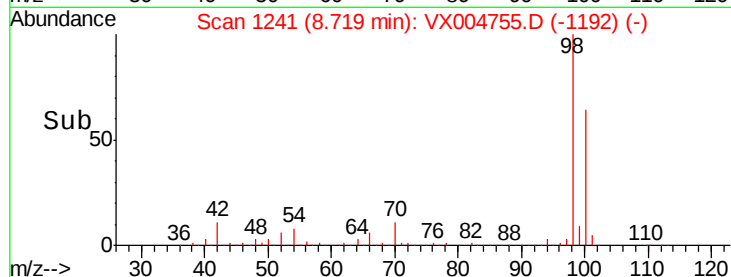
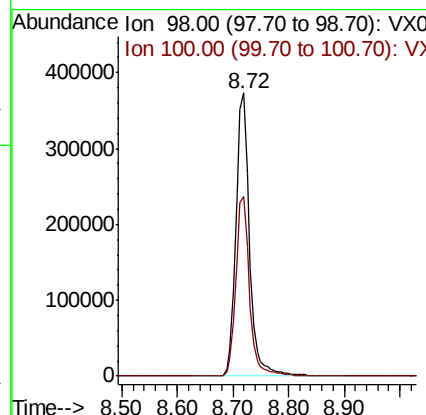
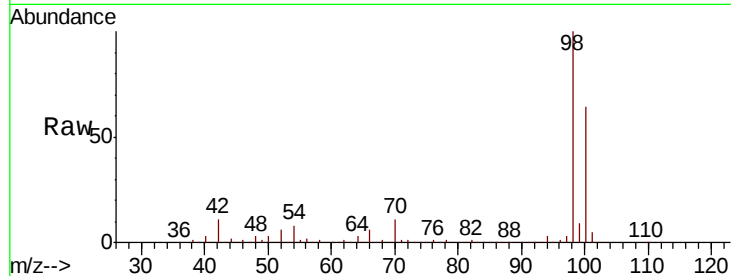




#50
Toluene-d8
Concen: 51.918 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

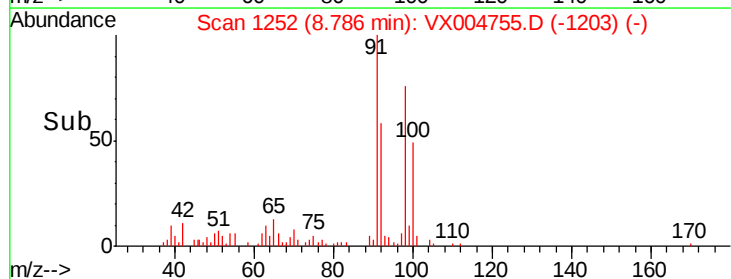
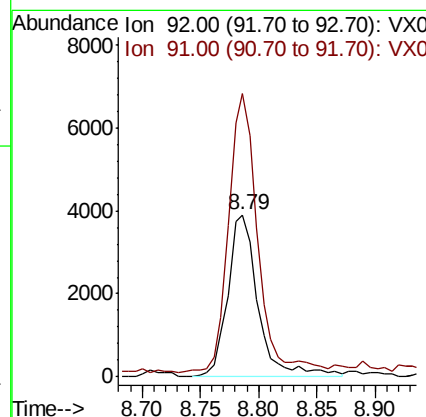
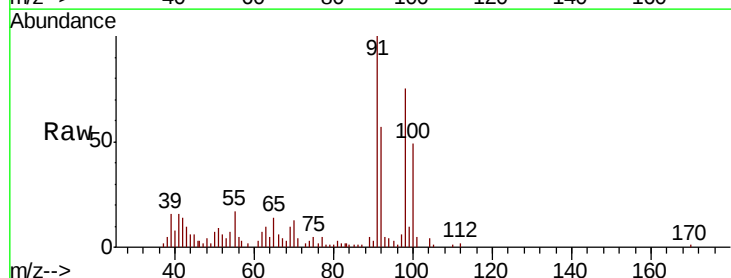
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

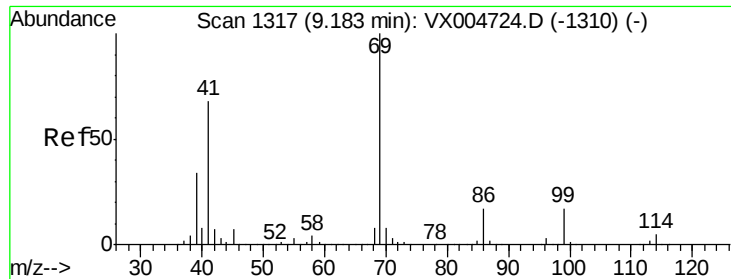
Tot Ion: 98 Resp: 632223
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#52
Toluene
Concen: 0.830 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 92 Resp: 7136
Ion Ratio Lower Upper
92 100
91 160.9 136.4 204.6

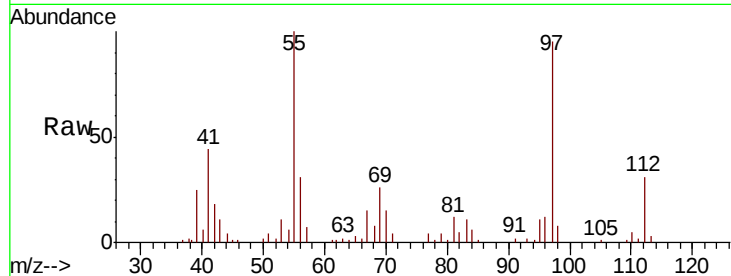




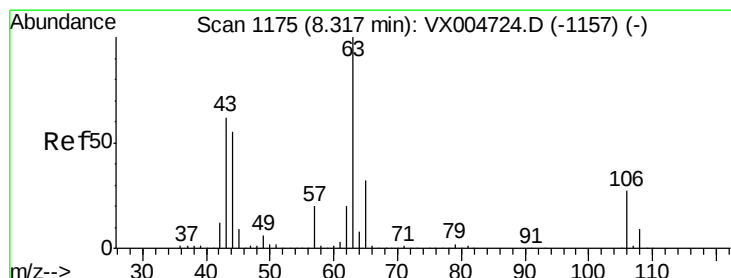
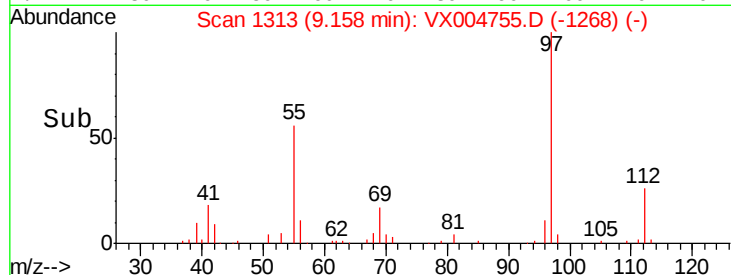
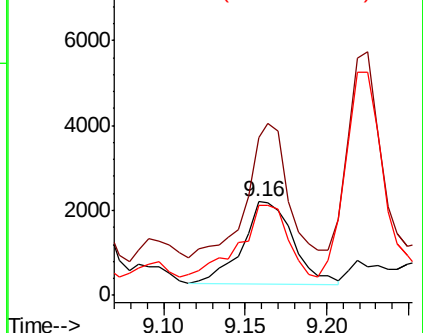
#56
Ethyl methacrylate
Concen: 3.515 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tot Ion: 69 Resp: 4232
Ion Ratio Lower Upper
69 100
41 169.8 51.0 76.4#
39 98.6 26.1 39.1#

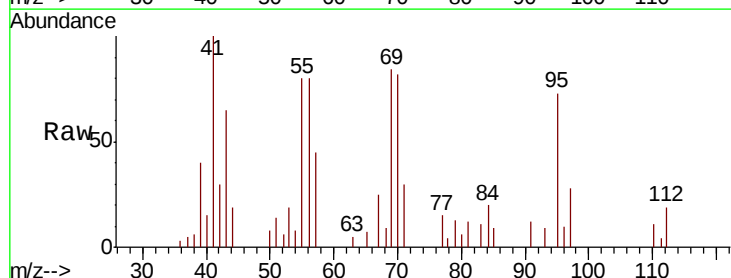


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

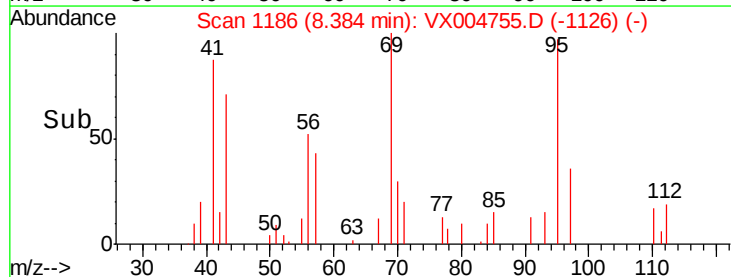
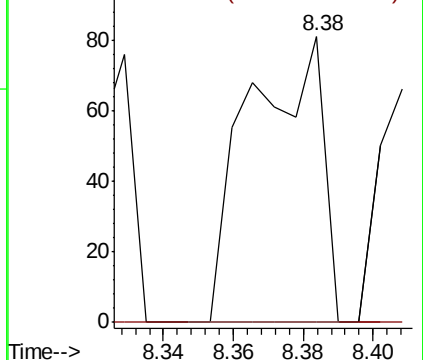


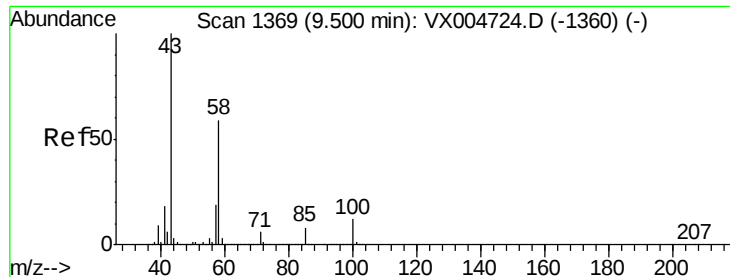
#58
2-Chloroethyl Vinyl ether
Concen: 14.276 ug/l
RT: 8.38 min Scan# 1186
Delta R.T. 0.07 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 63 Resp: 118
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

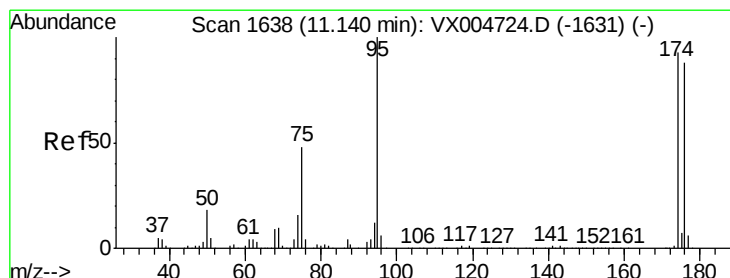
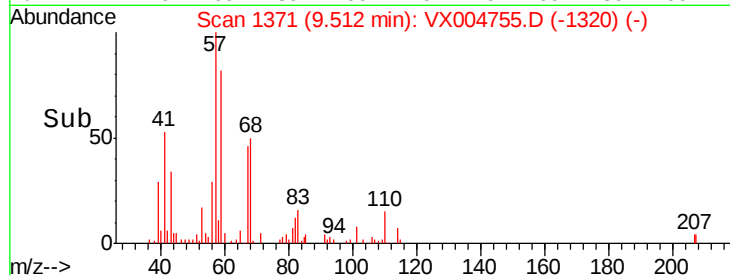
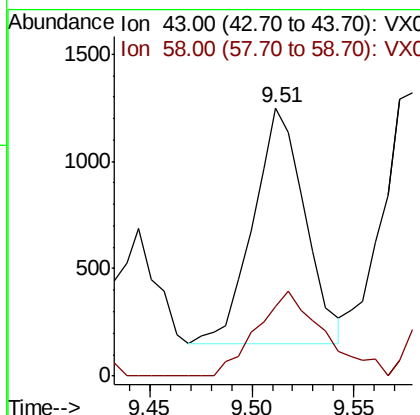
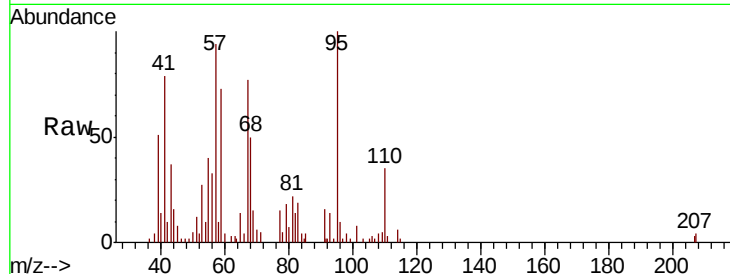




#59
2-Hexanone
Concen: 0.387 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

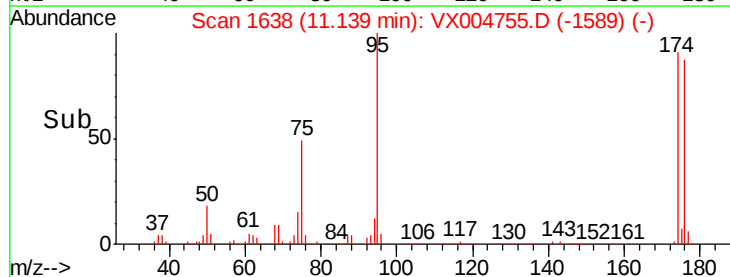
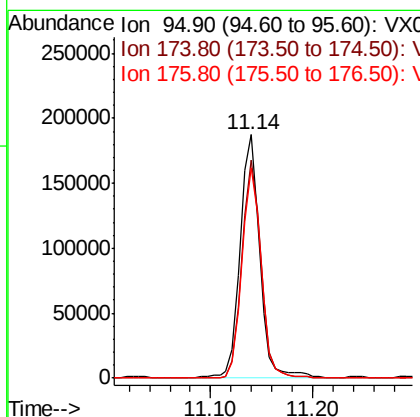
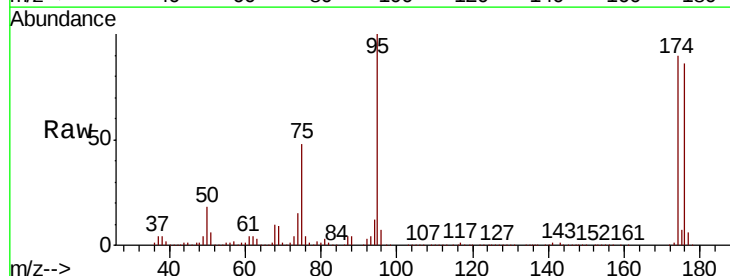
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

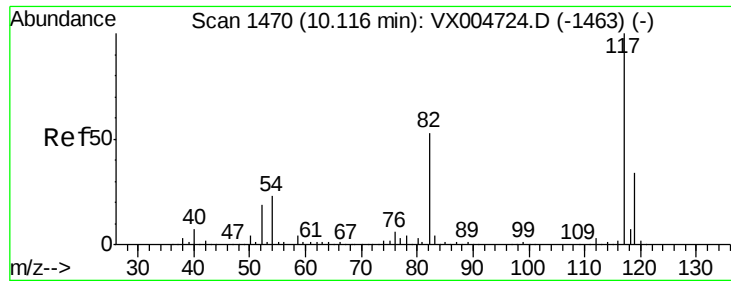
Tot Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 46.5 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 56.285 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 95 Resp: 246922
Ion Ratio Lower Upper
95 100
174 87.8 0.0 185.2
176 85.0 0.0 178.6

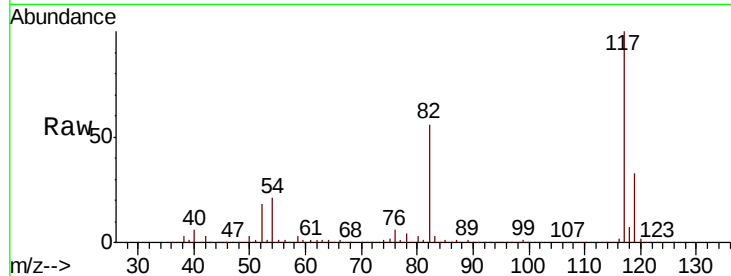




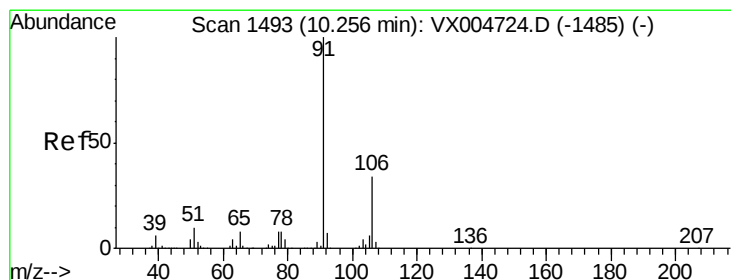
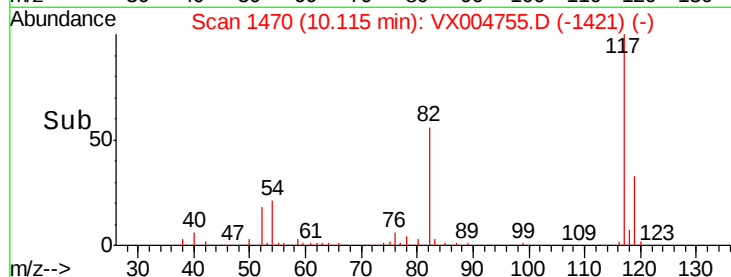
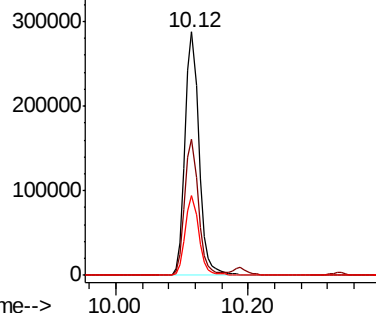
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

Tot Ion:117 Resp: 419663
Ion Ratio Lower Upper
117 100
82 55.7 47.8 71.6
119 32.7 29.3 43.9

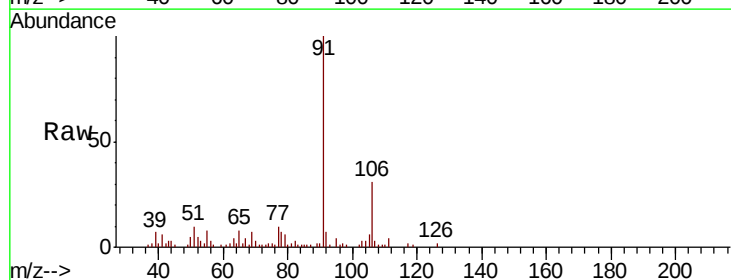


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

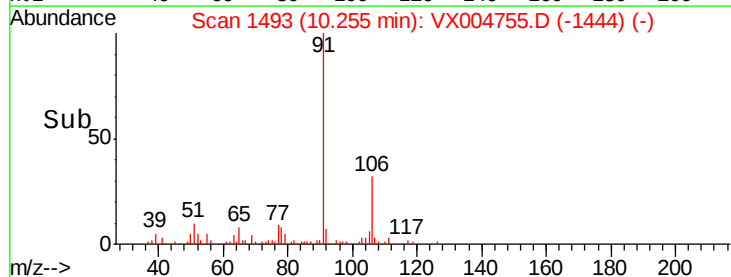
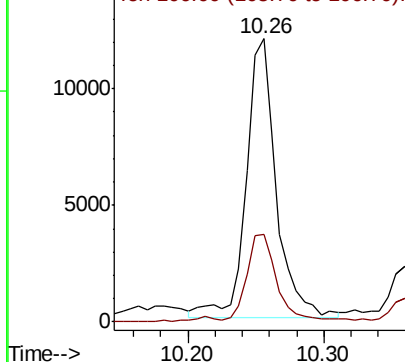


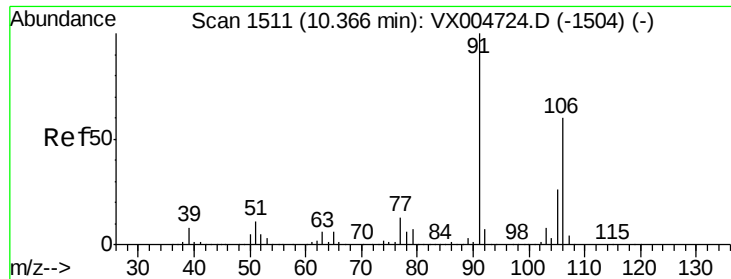
#67
Ethyl Benzene
Concen: 1.086 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion: 91 Resp: 18560
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



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

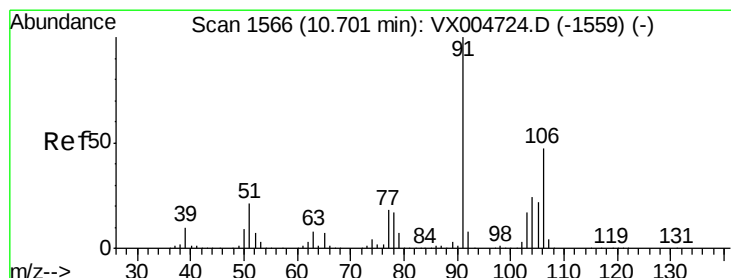
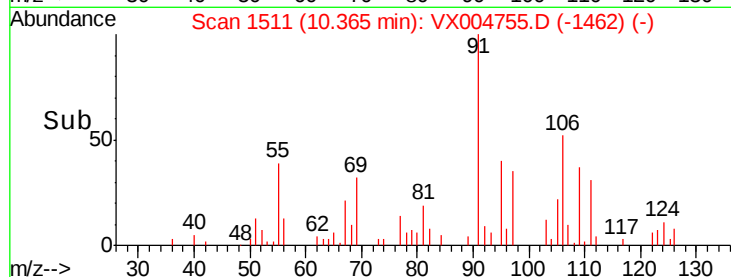
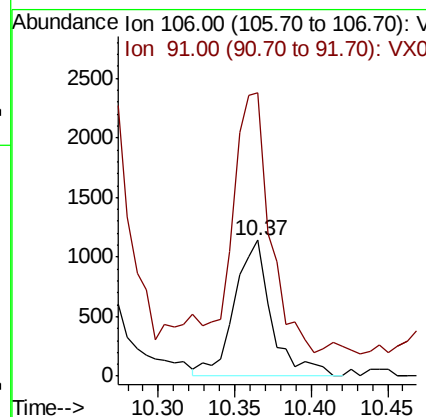
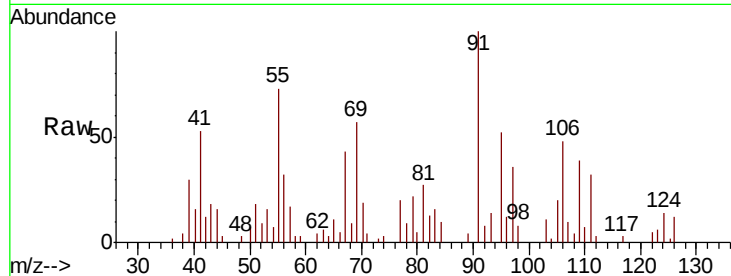




#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

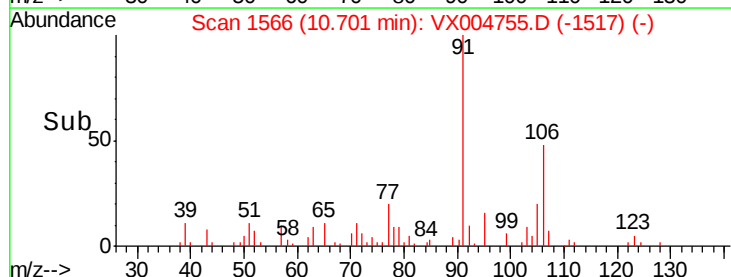
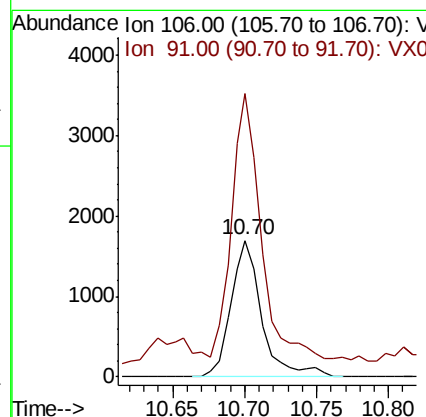
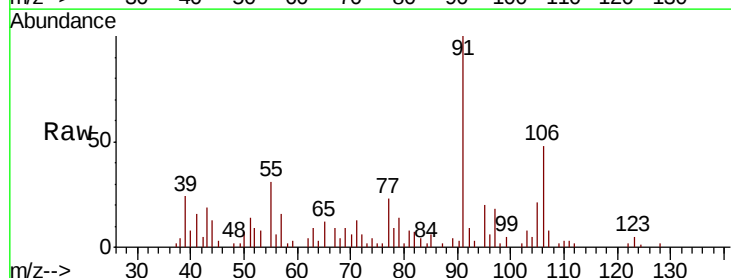
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-091918

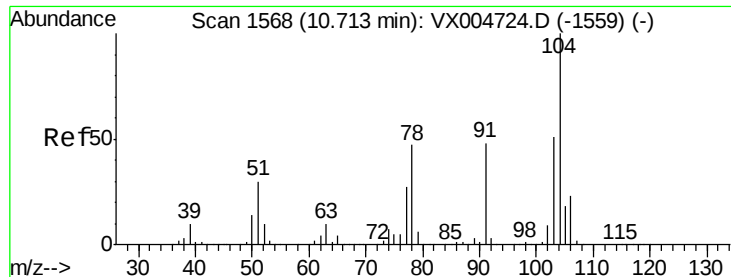
Tot Ion:106 Resp: 1916
Ion Ratio Lower Upper
106 100
91 188.6 157.1 235.7



#69
o-Xylene
Concen: 0.414 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004755.D
Acq: 27 Sep 2018 05:58

Tgt Ion:106 Resp: 2537
Ion Ratio Lower Upper
106 100
91 185.1 105.1 315.1





#70

Stvrene

Concen: 2.170 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

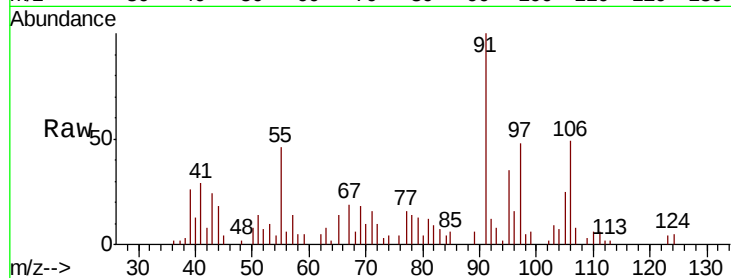
Tot Ion:104 Resp: 353

Ion Ratio Lower Upper

104 100

78 214.2 37.4 56.0#

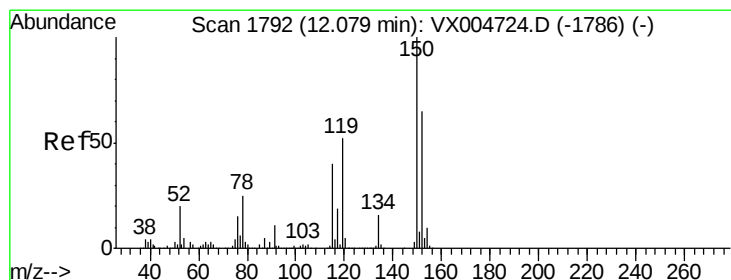
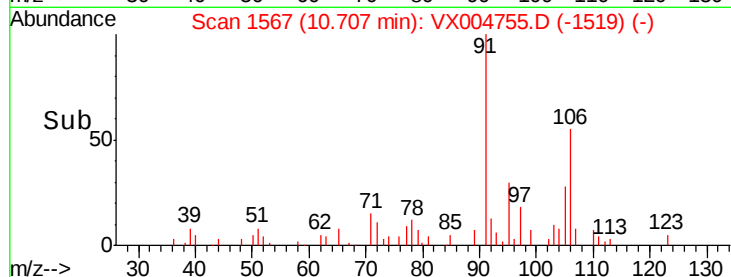
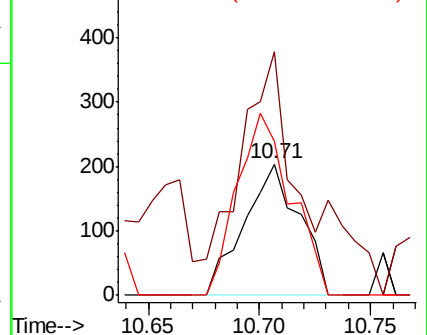
103 0.0 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

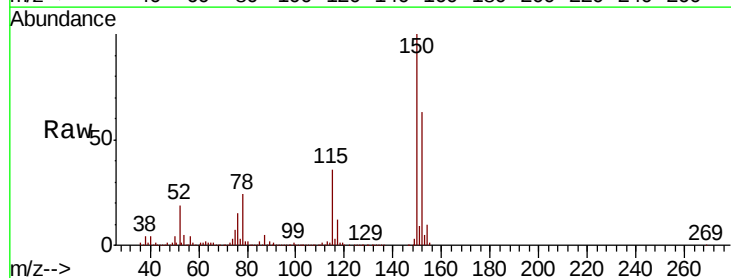
Tgt Ion:152 Resp: 244725

Ion Ratio Lower Upper

152 100

115 55.8 39.0 117.0

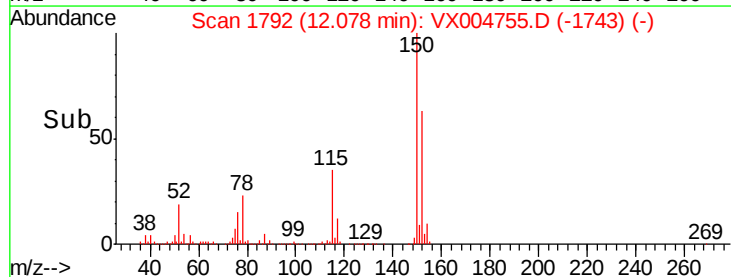
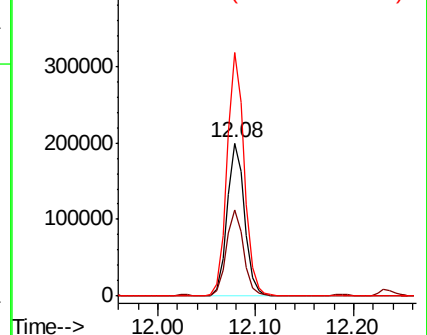
150 157.5 0.0 351.0

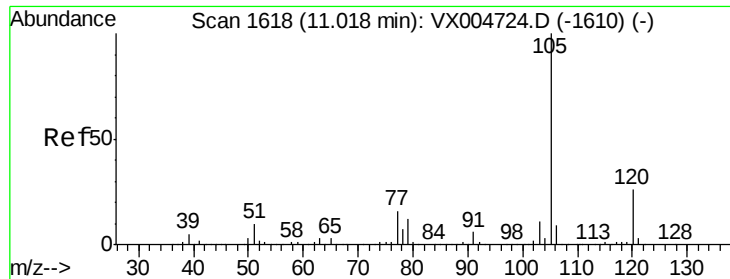


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.479 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

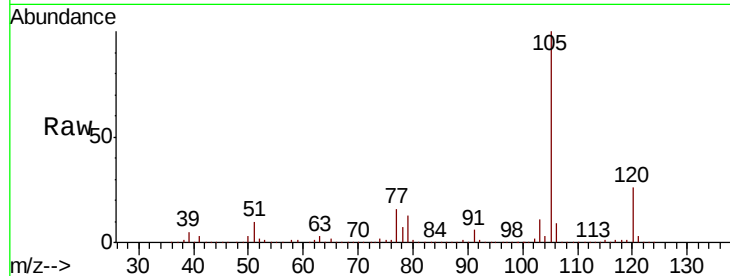
T3-MW-2-9.0-091918

Tot Ion:105 Resp: 655254

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

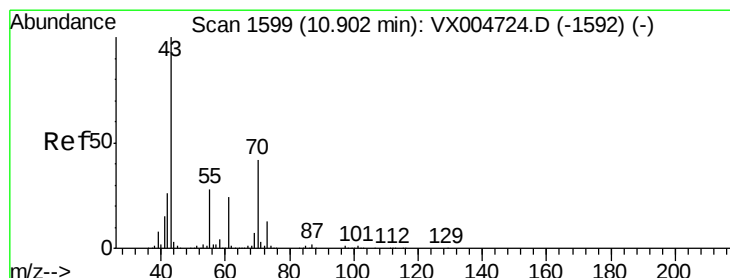
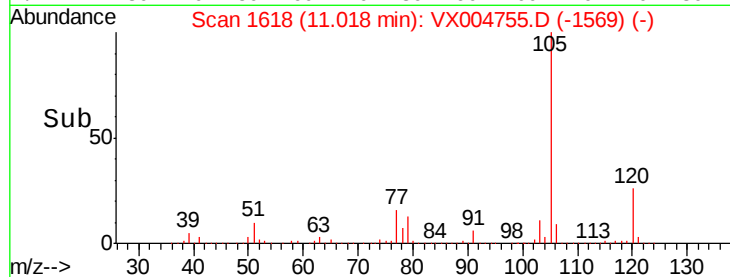
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 1.838 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Tgt Ion: 43 Resp: 788

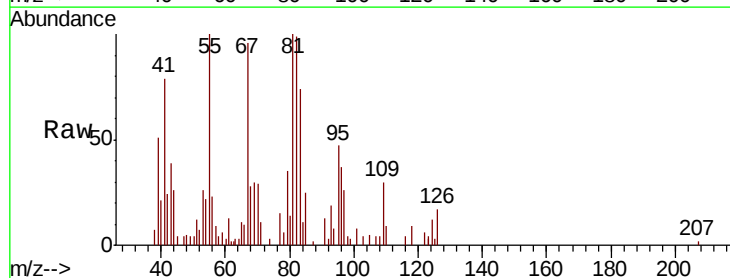
Ion Ratio Lower Upper

43 100

70 161.9 37.4 56.0#

55 448.5 21.8 32.8#

61 79.6 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

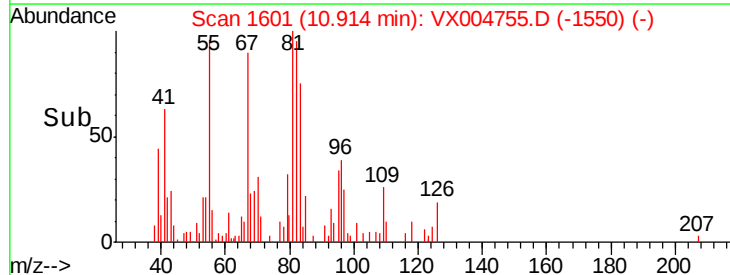
3000

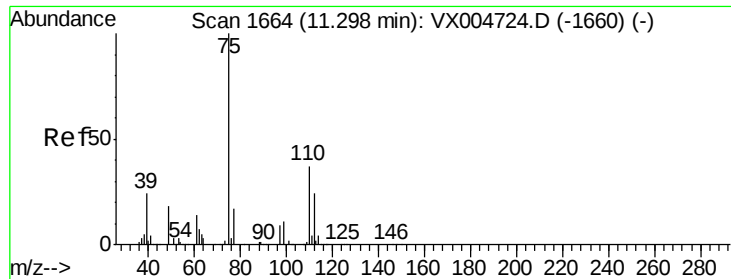
2000

1000

0

Time--> 10.88 10.90 10.92

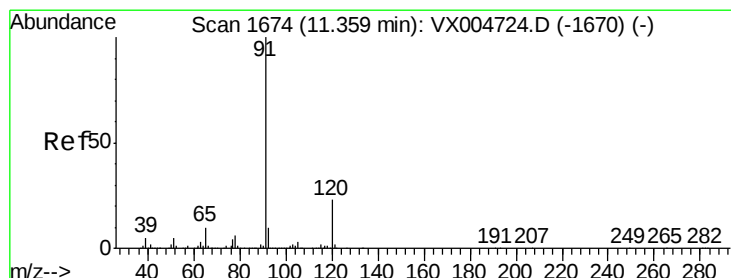
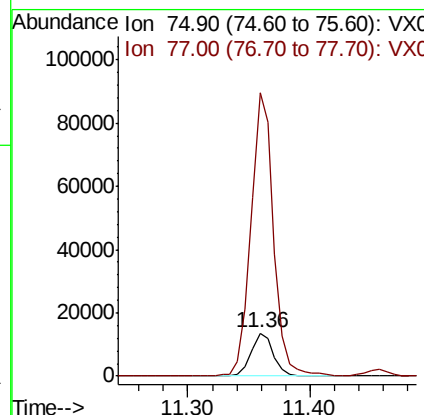
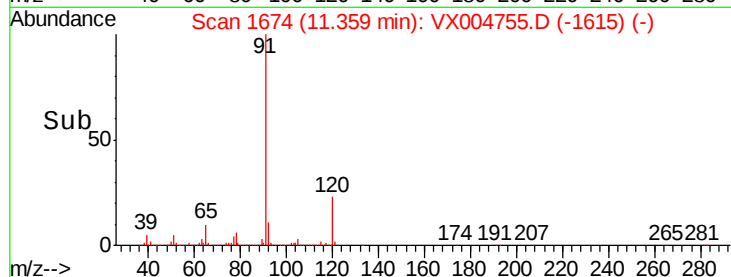
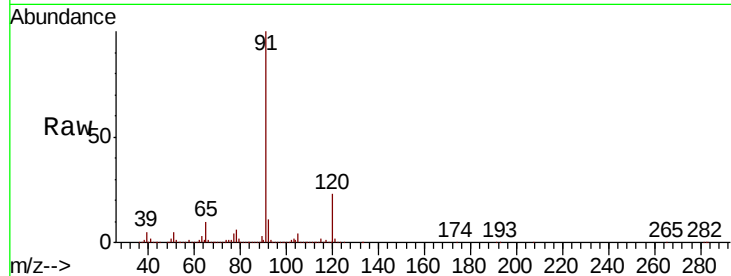




#76
 1,2,3-Trichloropropane
 Concen: 3.199 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.06 min
 Lab File: VX004755.D
 Acq: 27 Sep 2018 05:58

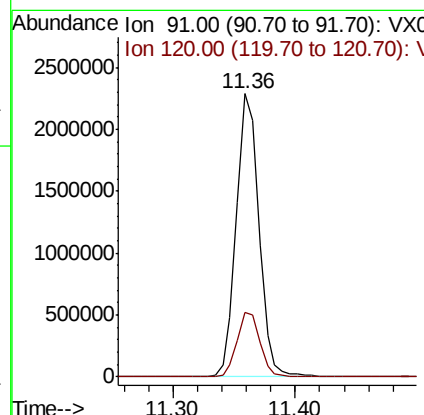
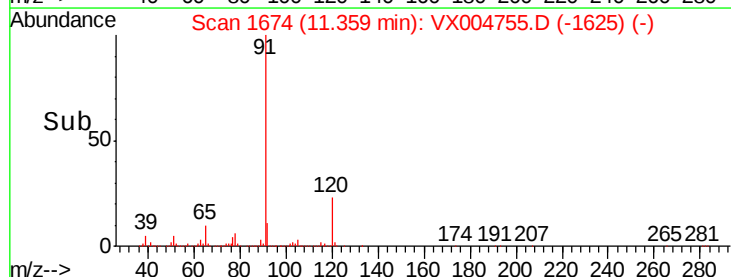
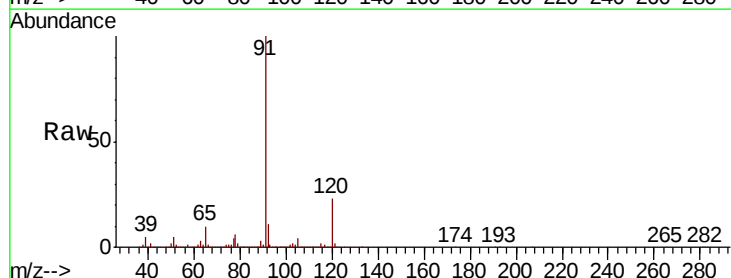
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-091918

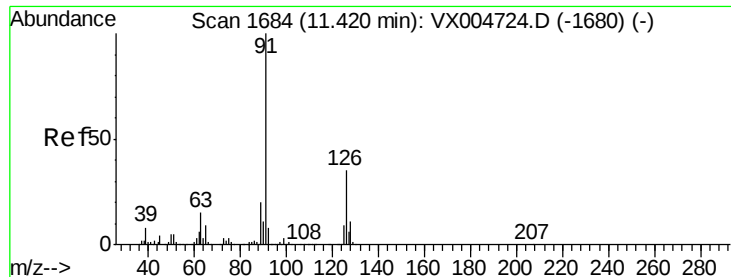
Tot Ion: 75 Resp: 17546
 Ion Ratio Lower Upper
 75 100
 77 650.0 20.2 60.6#



#78
 n-propylbenzene
 Concen: 164.847 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004755.D
 Acq: 27 Sep 2018 05:58

Tgt Ion: 91 Resp: 2917581
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 264.466 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

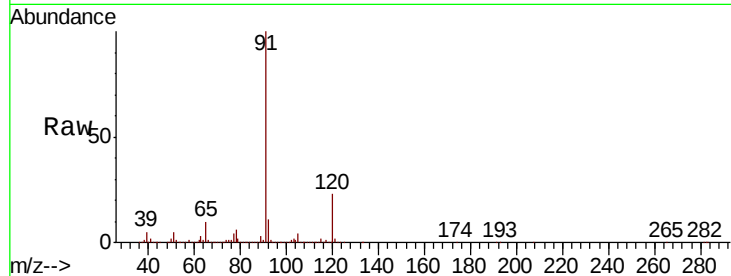
T3-MW-2-9.0-091918

Tot Ion: 91 Resp: 2917581

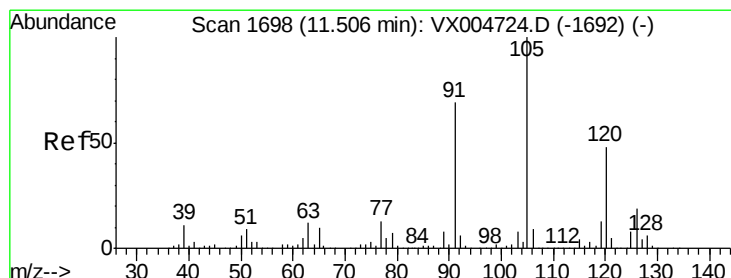
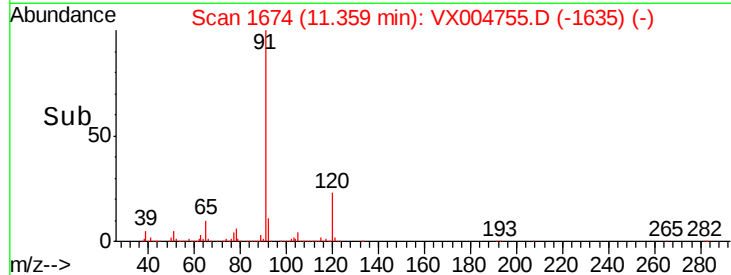
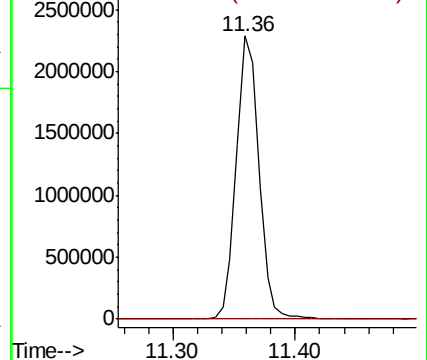
Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.099 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.16 min

Lab File: VX004755.D

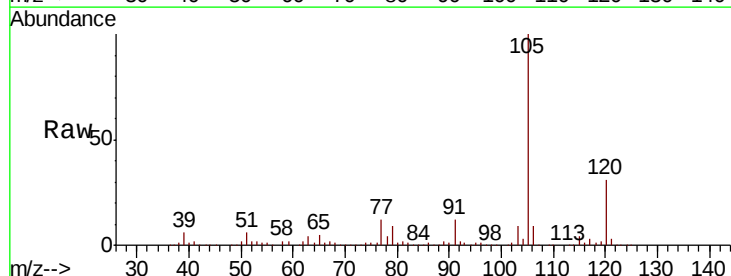
Acq: 27 Sep 2018 05:58

Tgt Ion:105 Resp: 243576

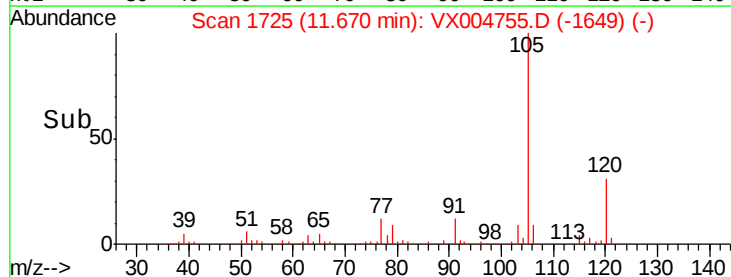
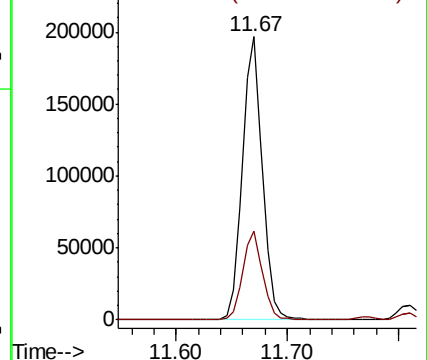
Ion Ratio Lower Upper

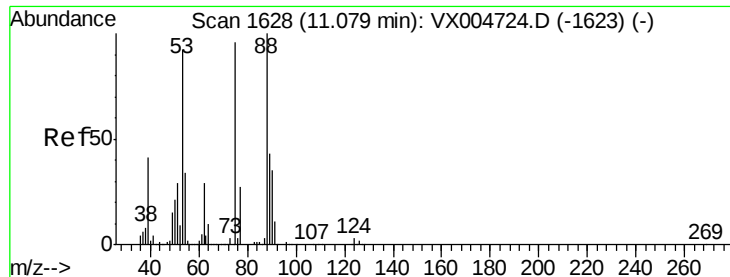
105 100

120 31.1 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 5.560 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.06 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

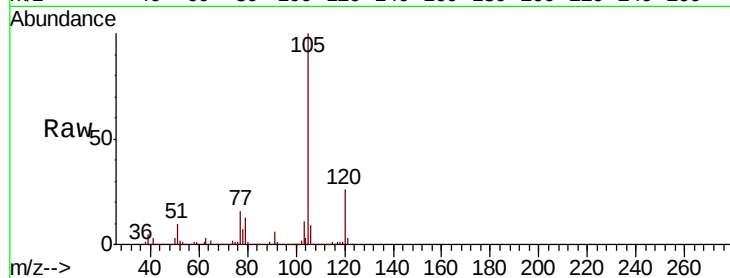
Tot Ion: 75 Resp: 7482

Ion Ratio Lower Upper

75 100

53 102.6 80.1 120.1

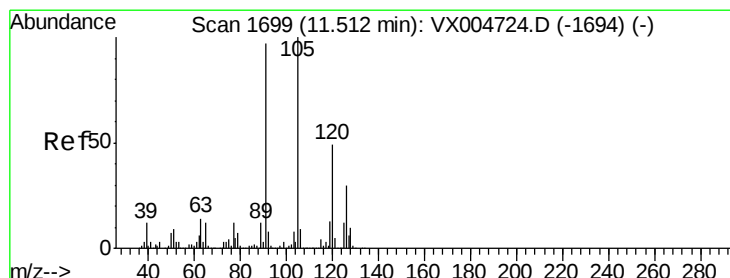
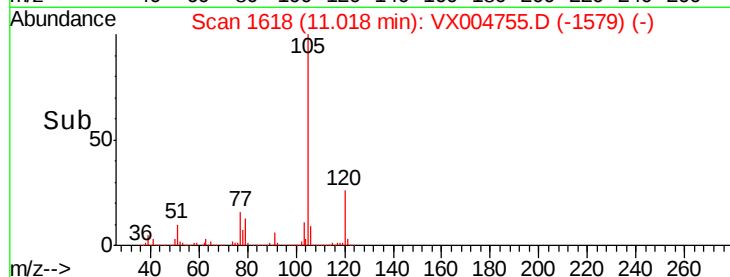
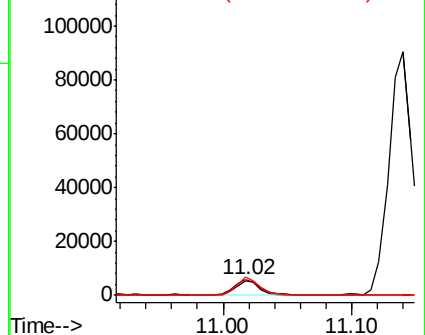
89 111.5 37.2 55.8#



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: 224.687 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004755.D

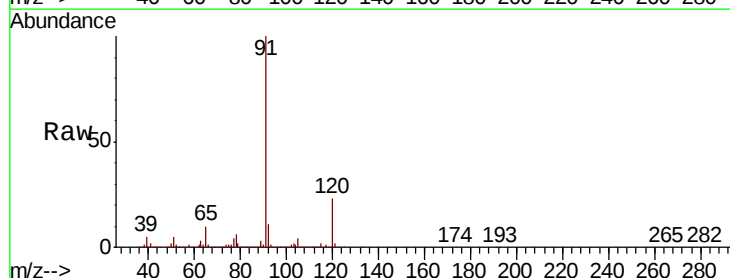
Acq: 27 Sep 2018 05:58

Tgt Ion: 91 Resp: 2917581

Ion Ratio Lower Upper

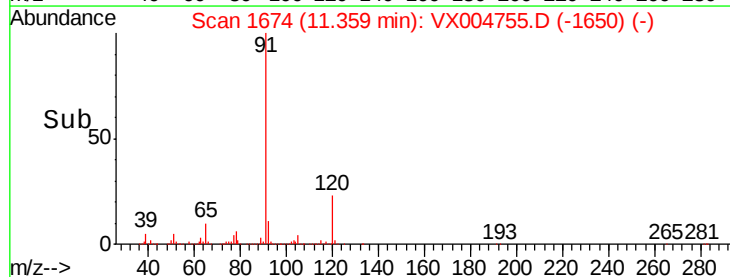
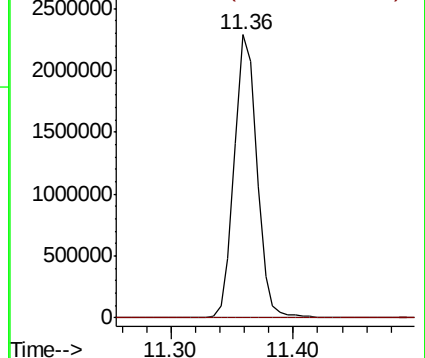
91 100

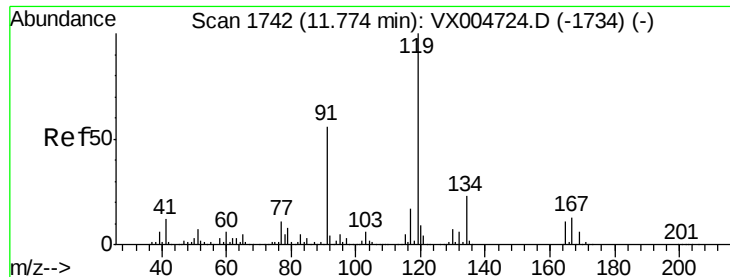
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 2.229 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

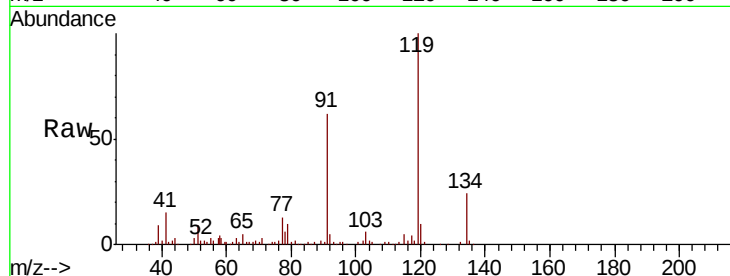
Tot Ion:119 Resp: 28313

Ion Ratio Lower Upper

119 100

91 66.1 27.0 81.0

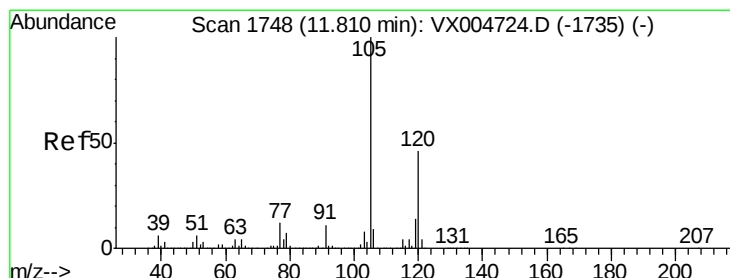
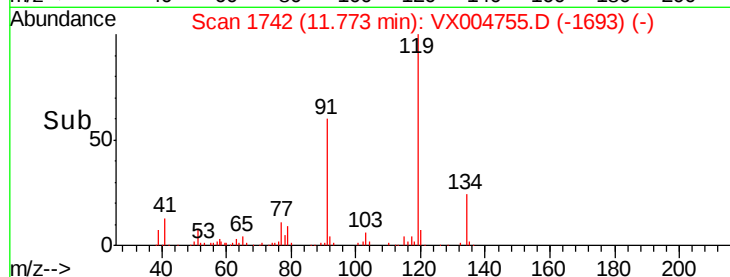
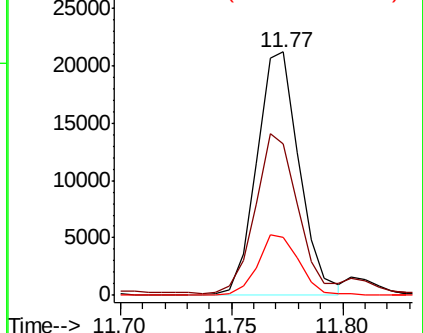
134 24.1 11.7 35.1



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: 0.708 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004755.D

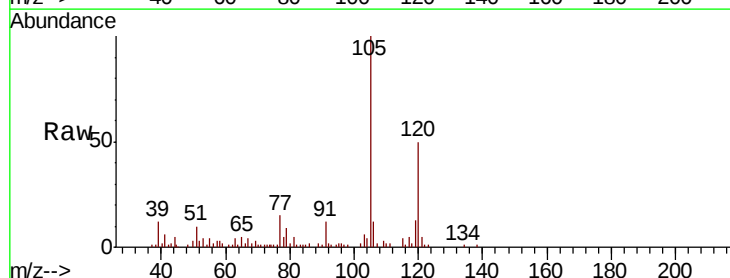
Acq: 27 Sep 2018 05:58

Tgt Ion:105 Resp: 13163

Ion Ratio Lower Upper

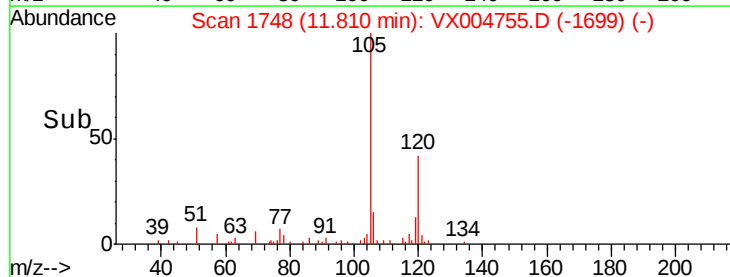
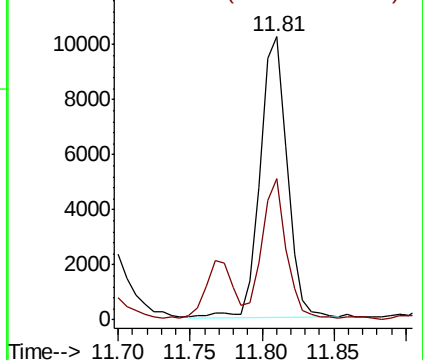
105 100

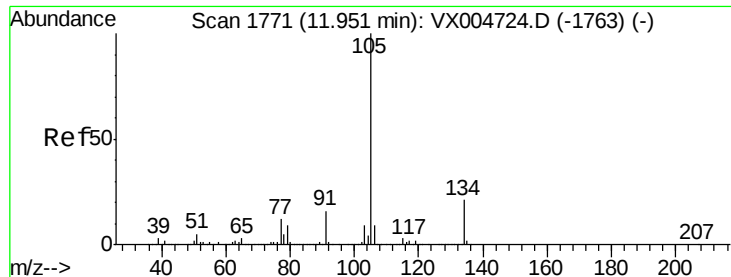
120 44.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 13.738 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

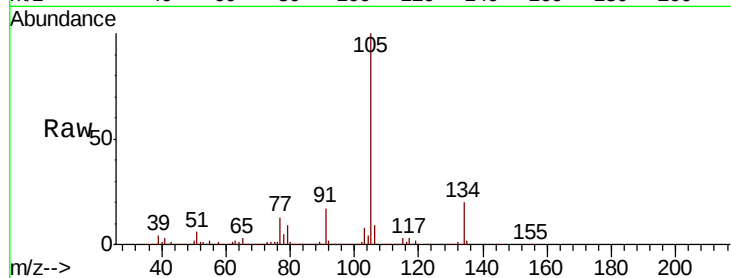
T3-MW-2-9.0-091918

Tot Ion:105 Resp: 212522

Ion Ratio Lower Upper

105 100

134 19.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

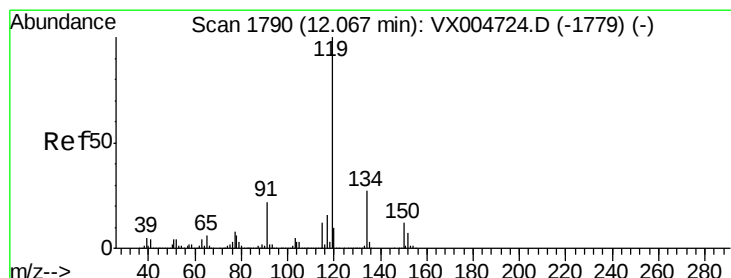
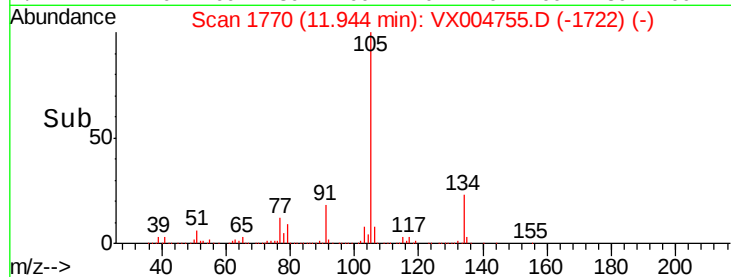
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 8.036 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.16 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

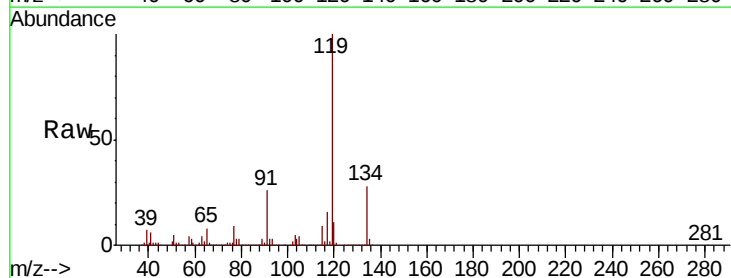
Tgt Ion:119 Resp: 112625

Ion Ratio Lower Upper

119 100

134 28.3 13.4 40.2

91 23.9 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

600000

500000

400000

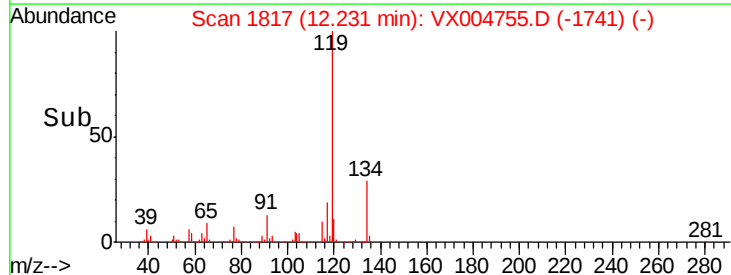
300000

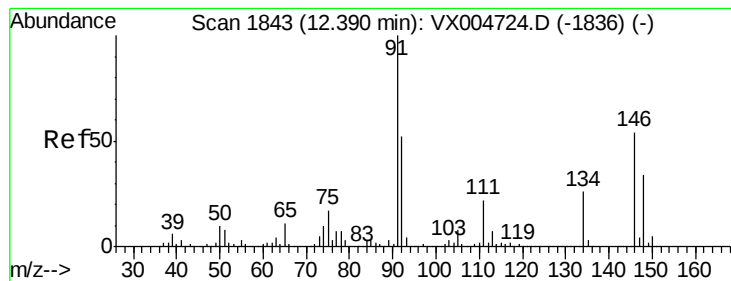
200000

100000

0

Time-->





#89

n-Butylbenzene

Concen: 23.838 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

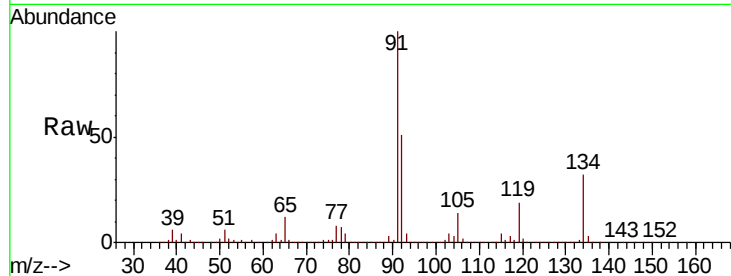
Tot Ion: 91 Resp: 303416

Ion Ratio Lower Upper

91 100

92 38.9 27.3 81.9

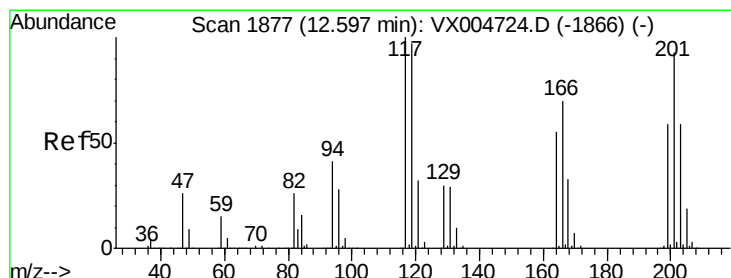
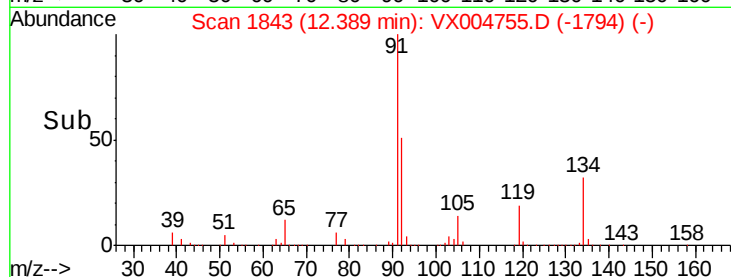
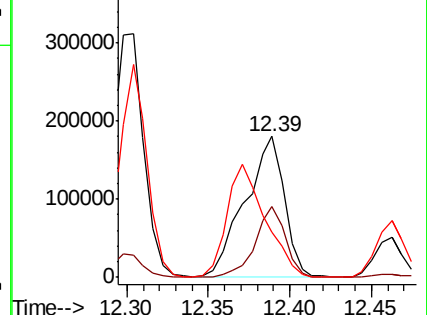
134 77.6 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)



#90

Hexachloroethane

Concen: 136.897 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004755.D

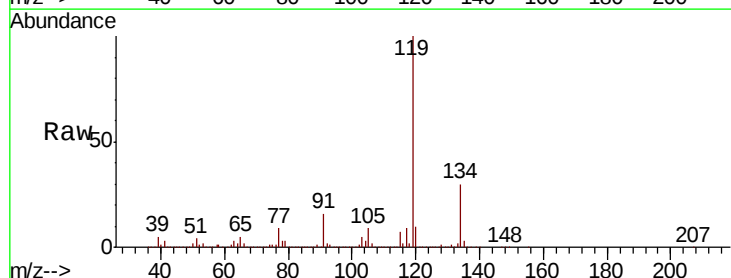
Acq: 27 Sep 2018 05:58

Tgt Ion: 117 Resp: 319450

Ion Ratio Lower Upper

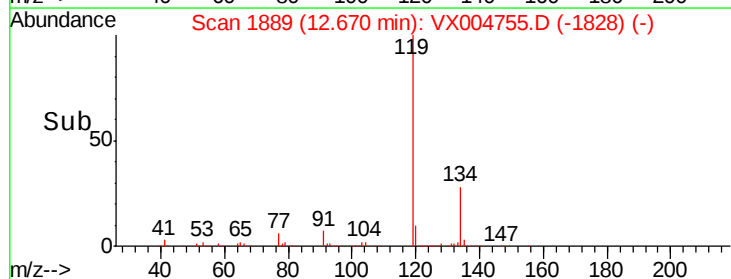
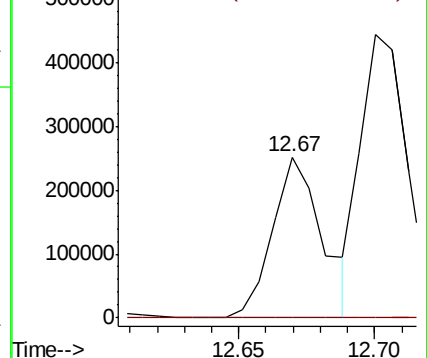
117 100

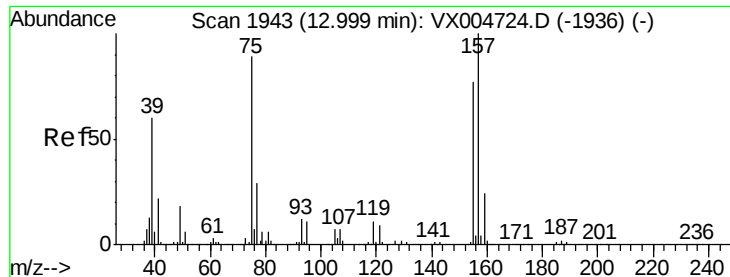
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 7.829 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-091918

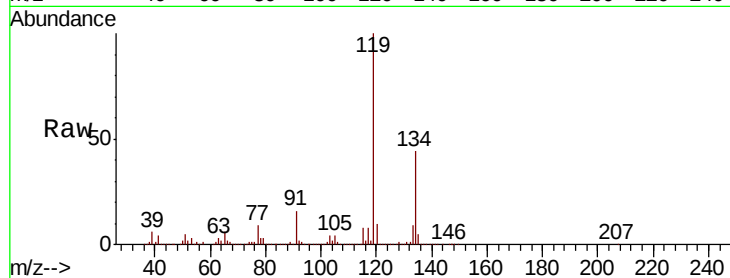
Tot Ion: 75 Resp: 10794

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

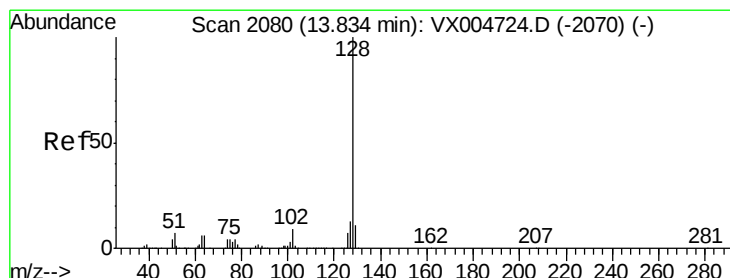
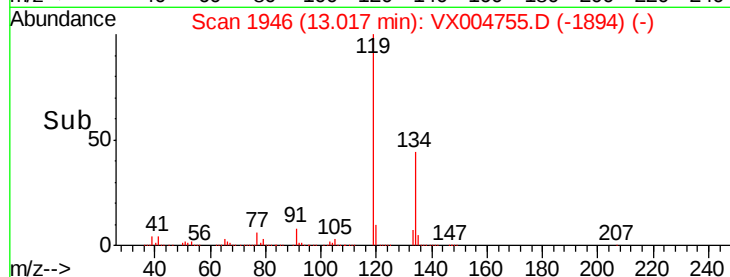
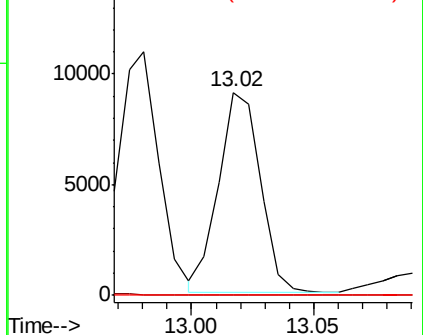
157 0.0 61.4 184.1#



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: 1.083 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004755.D

Acq: 27 Sep 2018 05:58

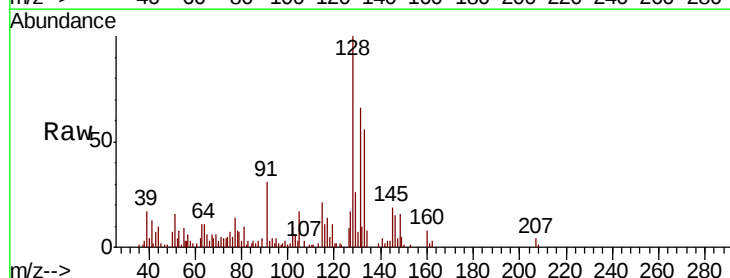
Tgt Ion: 128 Resp: 7510

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 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) (-)

