

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004774.D
 Acq On : 27 Sep 2018 15:16
 Operator : JC/MD
 Sample : J5048-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1-SEP18

Quant Time: Sep 28 05:50:03 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	248853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188289	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	5.50	113	160634	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.72	98	588425	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	214708	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	873	0.212	ug/l #	86
5) Bromomethane	1.65	94	526	0.230	ug/l #	63
6) Chloroethane	1.92	64	638	Below Cal	#	44
9) 1,1,2-Trichlorotrifluoroet	2.38	101	661	0.243	ug/l	94
11) Tert butyl alcohol	3.02	59	16763	16.865	ug/l #	80
12) 1,1-Dichloroethene	2.37	96	2333	0.865	ug/l	93
13) Acrolein	2.28	56	200	0.283	ug/l #	61
14) Allyl chloride	2.62	41	23048	3.918	ug/l #	65
16) Acetone	2.45	43	268990	129.609	ug/l	98
18) Methyl Acetate	2.62	43	58354	11.098	ug/l #	51
20) Methylene Chloride	2.86	84	494	Below Cal	#	82
25) 2-Butanone	4.70	43	5411	1.769	ug/l	92
26) 2,2-Dichloropropane	4.76	77	1097	0.267	ug/l #	52
27) cis-1,2-Dichloroethene	4.60	96	20262	6.145	ug/l	96
31) Cyclohexane	5.66	56	4372	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16889	3.566	ug/l #	51
38) Carbon Tetrachloride	5.66	117	21704	4.360	ug/l #	16
43) Isopropyl Acetate	6.26	43	13081	1.442	ug/l #	59
44) Trichloroethene	7.21	130	89436	24.536	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	2622	0.459	ug/l	98
55) 1,1,2-Trichloroethane	9.33	97	844	0.236	ug/l #	1
56) Ethyl methacrylate	9.17	69	23	2.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	20	14.248	ug/l #	45
60) Dibromochloromethane	9.33	129	101149	28.340	ug/l #	11
64) Tetrachloroethene	9.33	164	111881	28.506	ug/l	97
70) Styrene	10.71	104	101	2.149	ug/l #	89
74) N-amyl acetate	10.90	43	62	1.756	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	105479	21.250	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	142	Below Cal		83
81) trans-1,4-Dichloro-2-buten	11.14	75	105479	57.640	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	344	Below Cal		74
95) Naphthalene	13.83	128	791	0.762	ug/l #	78

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QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

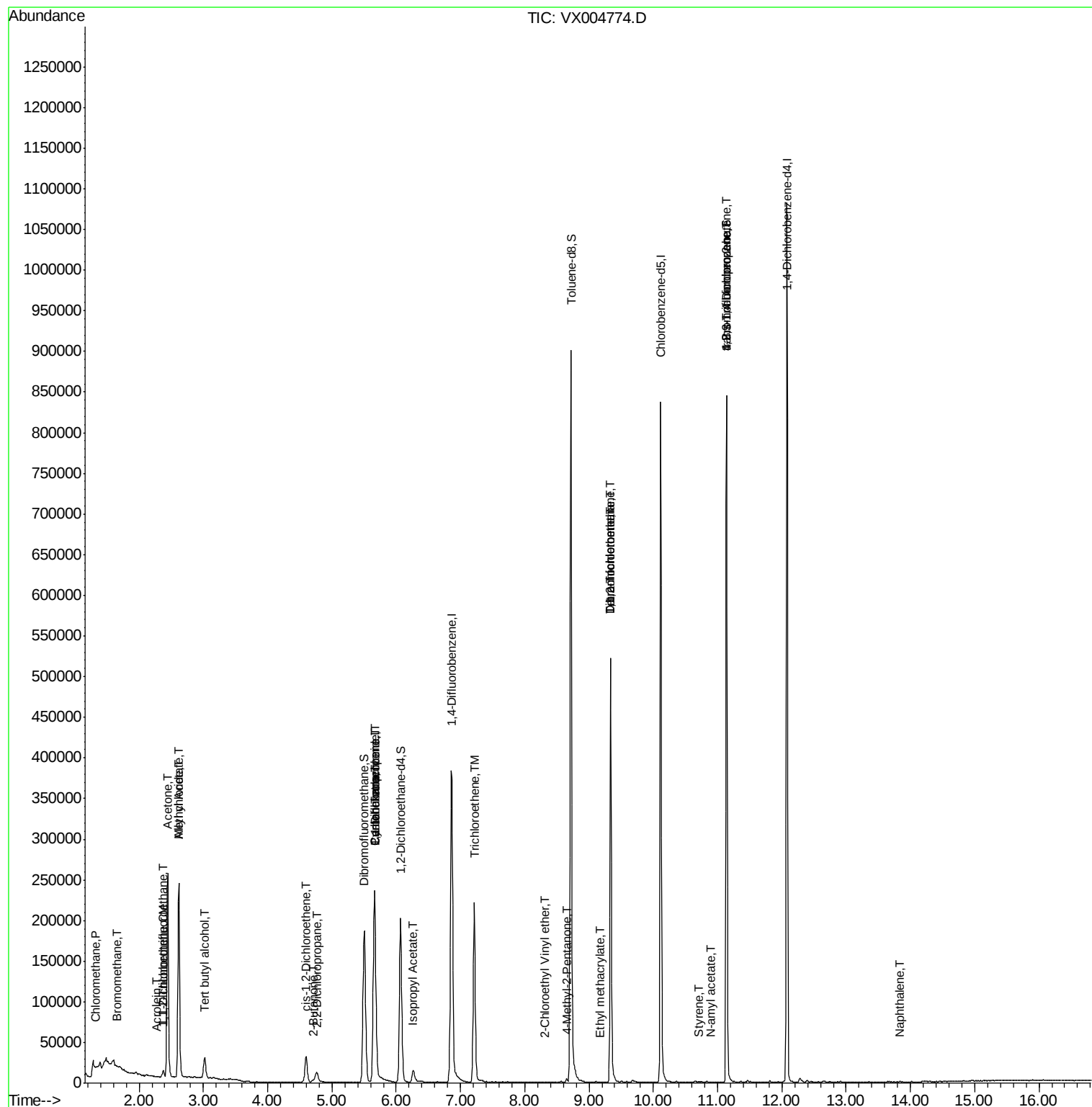
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

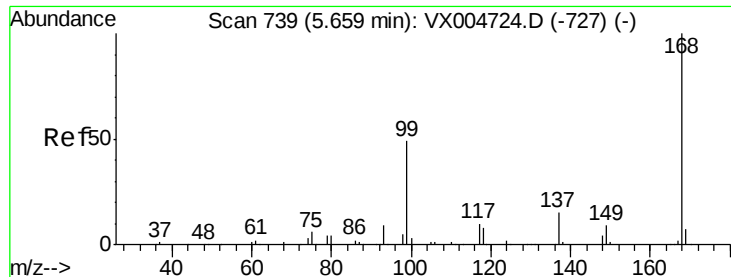
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

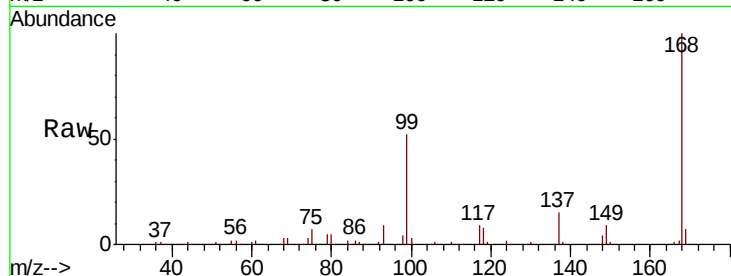
DUP-1-SEP18

Tot Ion:168 Resp: 248853

Ion Ratio Lower Upper

168 100

99 52.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

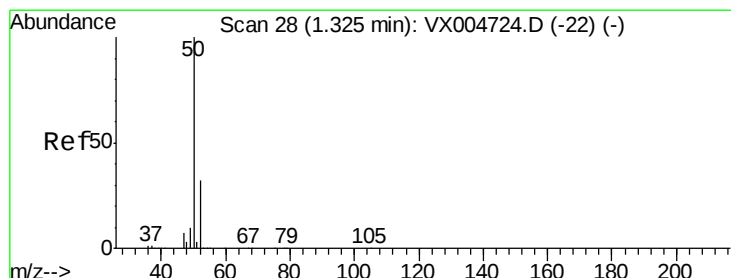
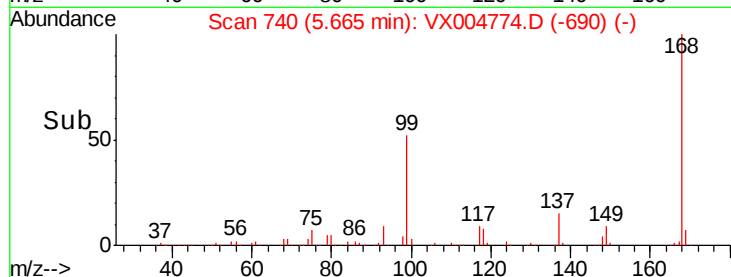
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX004774.D

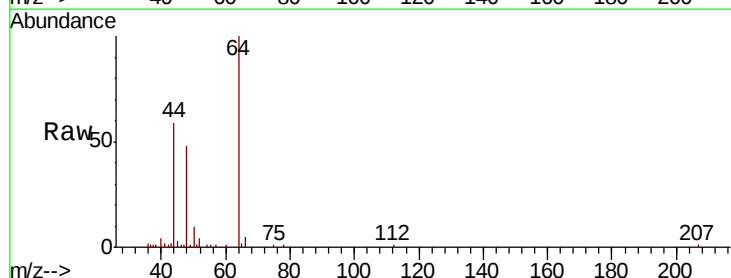
Acq: 27 Sep 2018 15:16

Tgt Ion: 50 Resp: 873

Ion Ratio Lower Upper

50 100

52 40.7 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

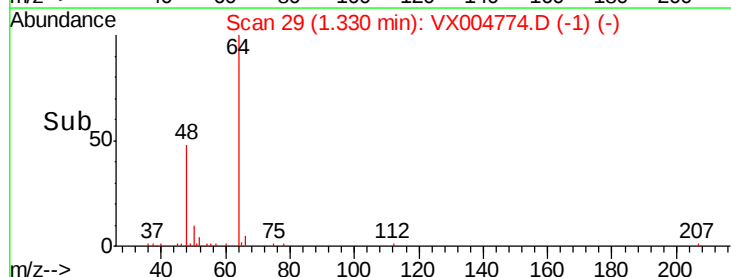
600

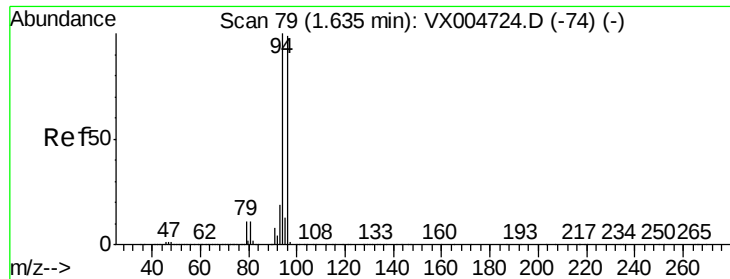
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.230 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

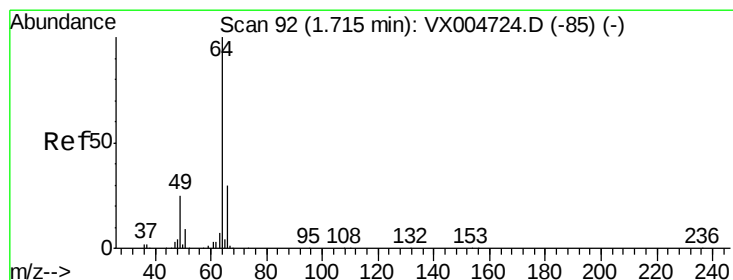
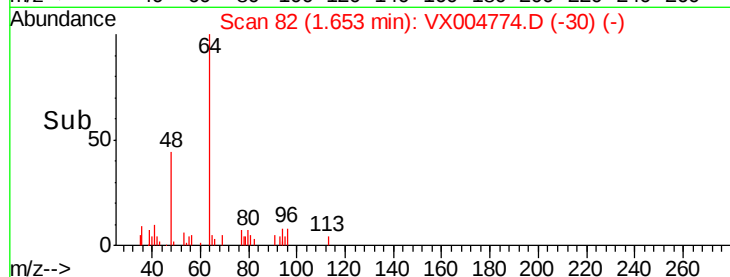
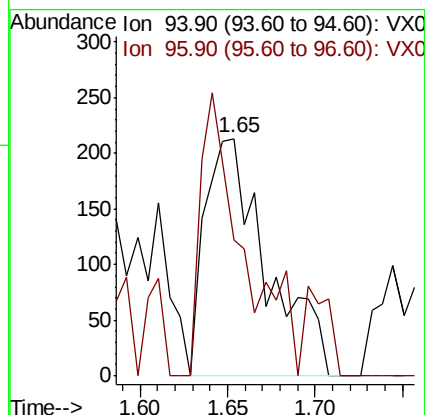
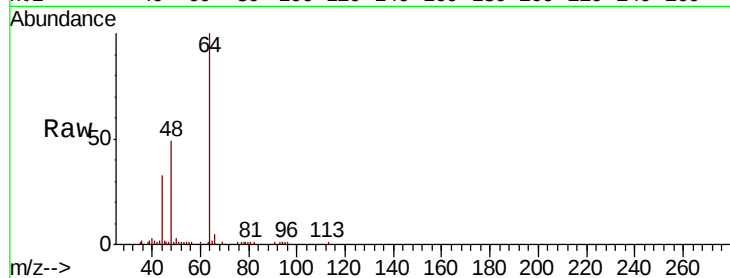
DUP-1-SEP18

Tot Ion: 94 Resp: 526

Ion Ratio Lower Upper

94 100

96 57.3 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.92 min Scan# 126

Delta R.T. 0.21 min

Lab File: VX004774.D

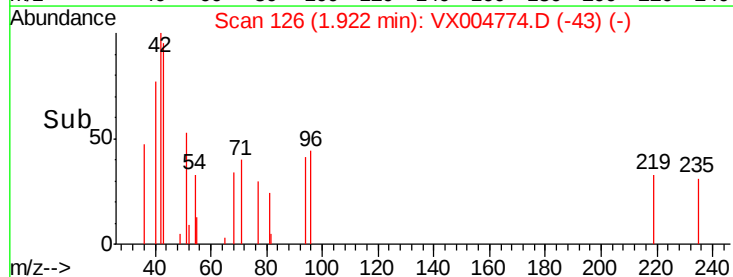
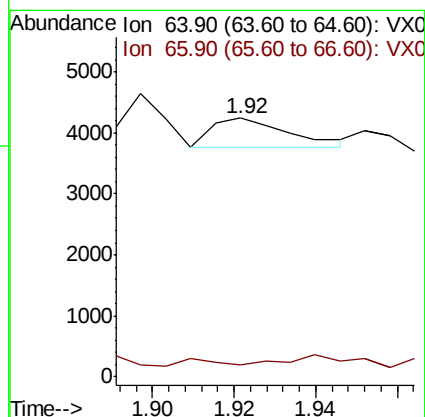
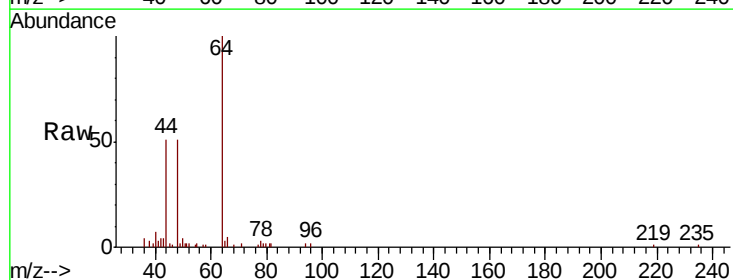
Acq: 27 Sep 2018 15:16

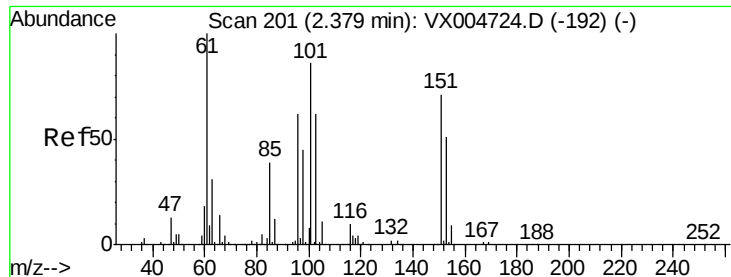
Tgt Ion: 64 Resp: 638

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.243 ug/l

RT: 2.38 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-1-SEP18

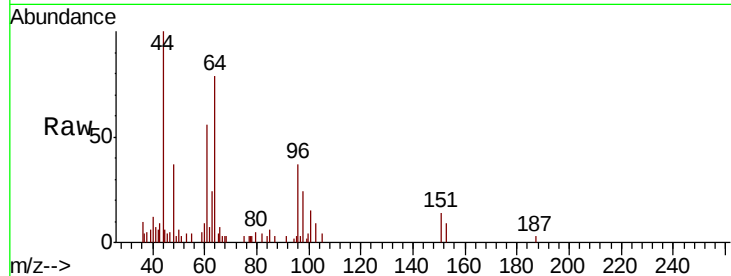
Tot Ion:101 Resp: 661

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

151 74.4 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

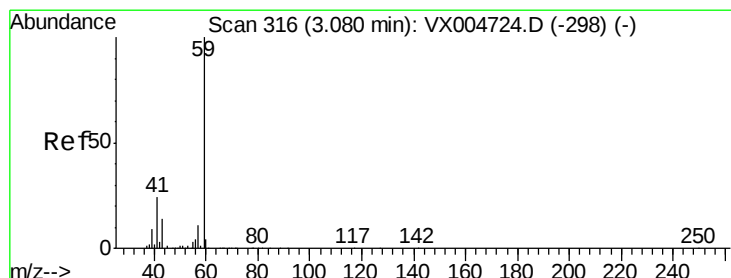
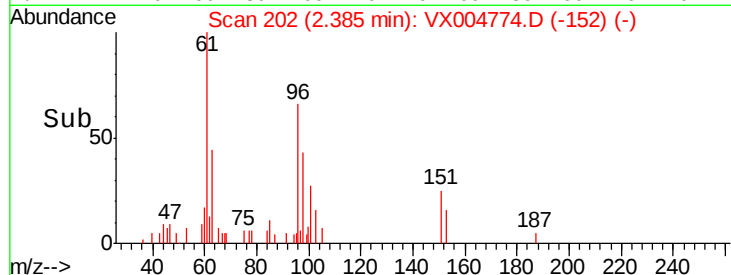
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 16.865 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004774.D

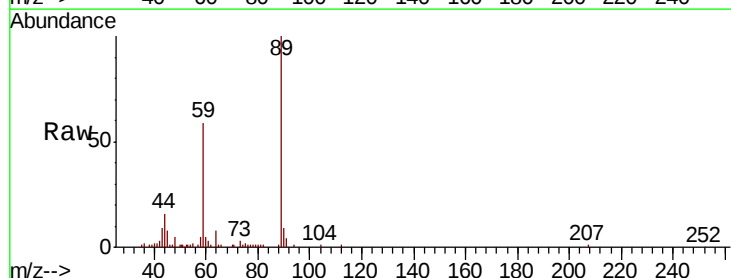
Acq: 27 Sep 2018 15:16

Tgt Ion: 59 Resp: 16763

Ion Ratio Lower Upper

59 100

57 3.0 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

8000

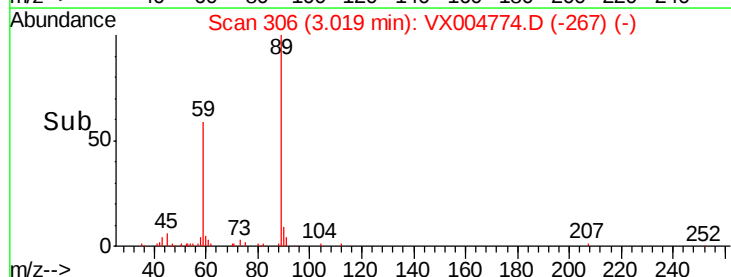
6000

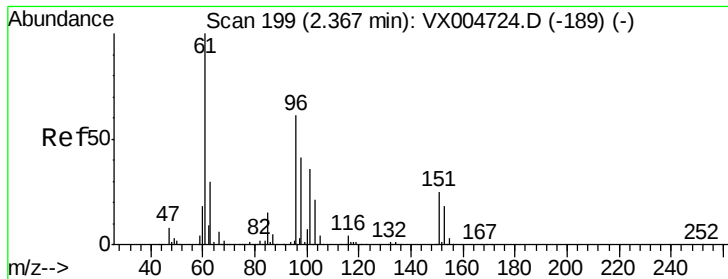
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.865 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-1-SEP18

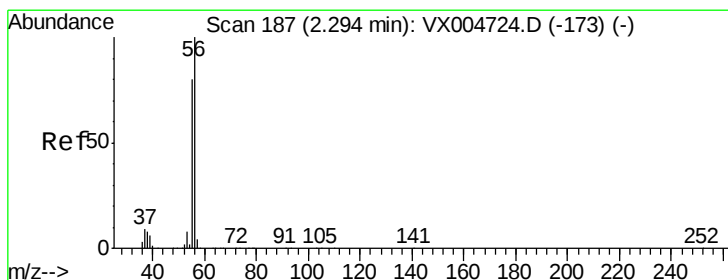
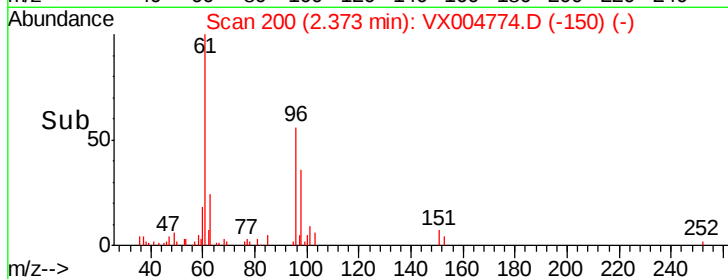
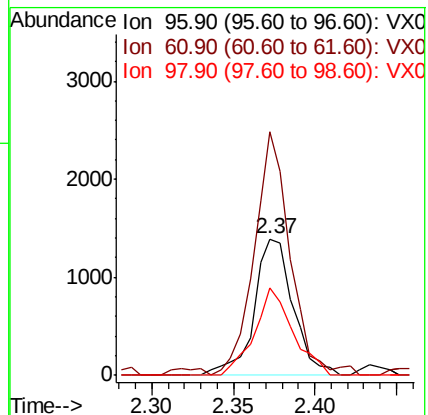
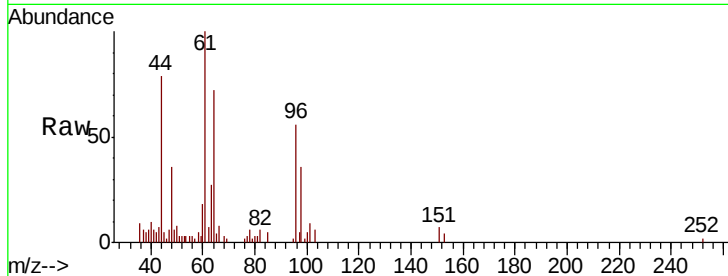
Tot Ion: 96 Resp: 2333

Ion Ratio Lower Upper

96 100

61 173.9 128.8 193.2

98 63.8 52.2 78.2



#13

Acrolein

Concen: 0.283 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX004774.D

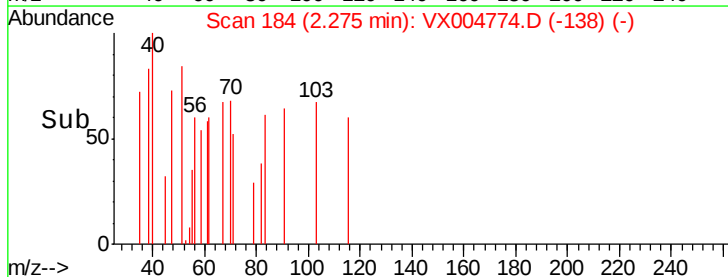
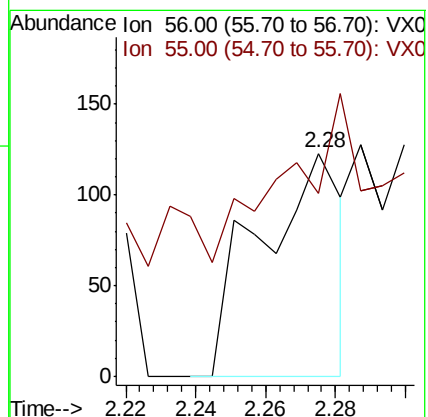
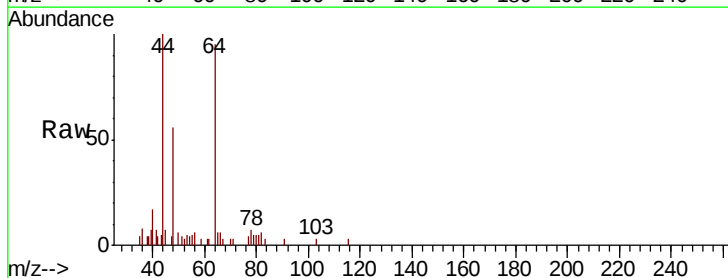
Acq: 27 Sep 2018 15:16

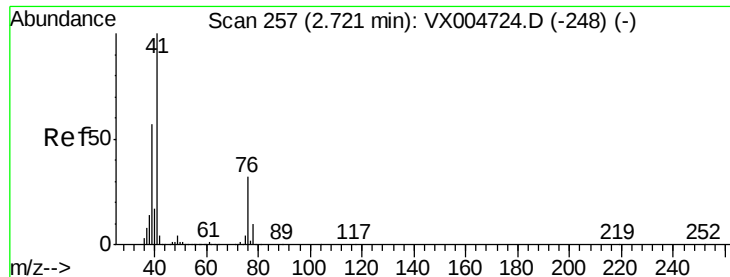
Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

56 100

55 100.0 54.7 82.1#

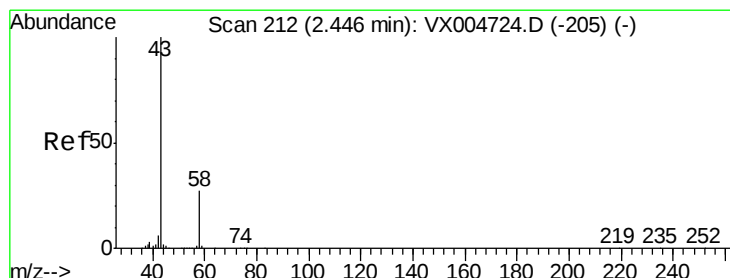
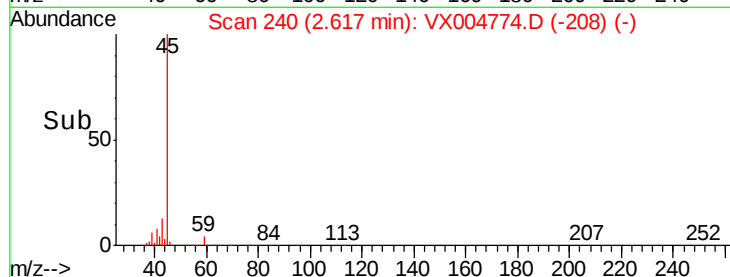
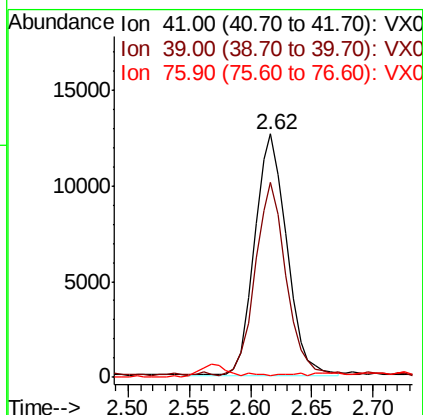
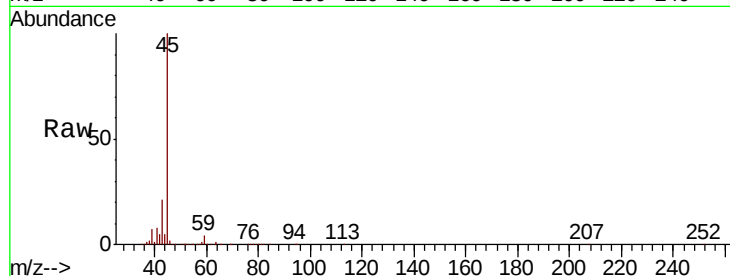




#14
Allvl chloride
Concen: 3.918 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

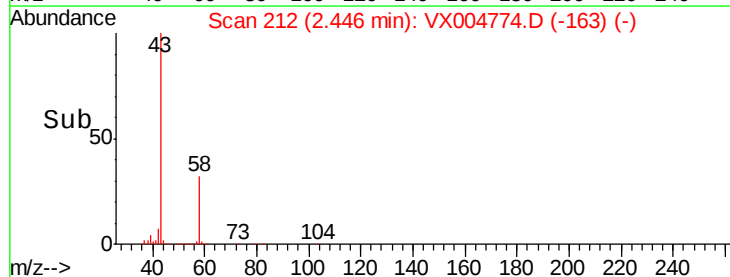
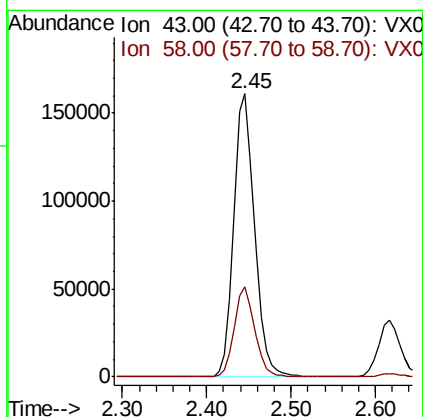
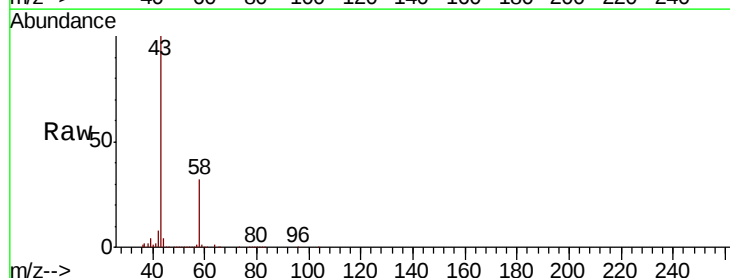
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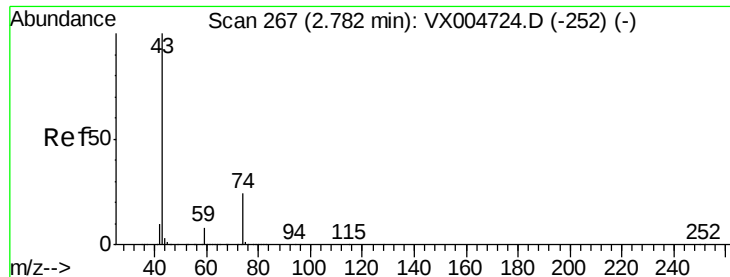
Tot Ion: 41 Resp: 23048
Ion Ratio Lower Upper
41 100
39 77.4 48.9 73.3#
76 0.0 26.7 40.1#



#16
Acetone
Concen: 129.609 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion: 43 Resp: 268990
Ion Ratio Lower Upper
43 100
58 31.7 26.2 39.4

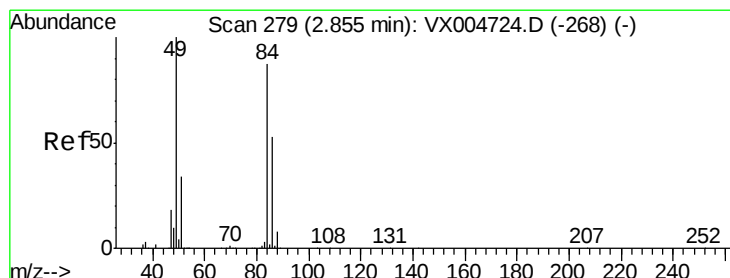
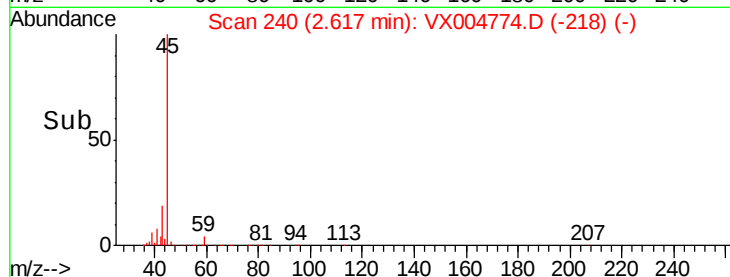
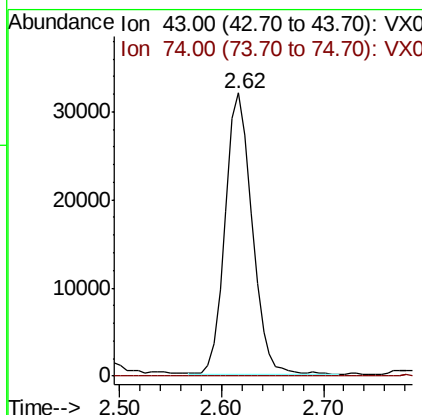
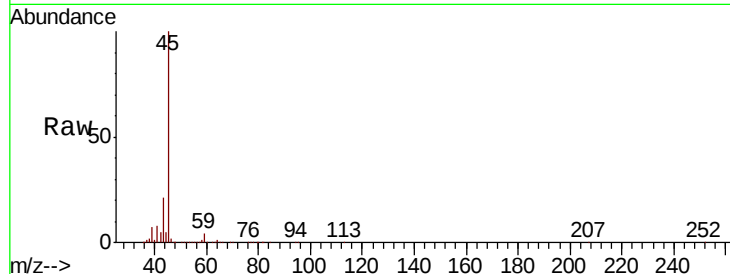




#18
Methyl Acetate
Concen: 11.098 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.17 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

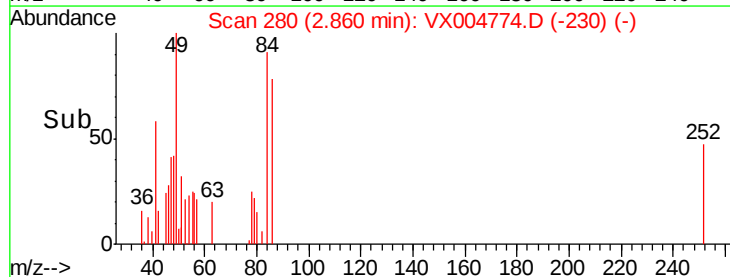
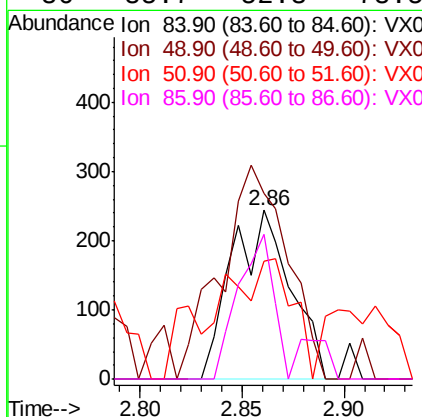
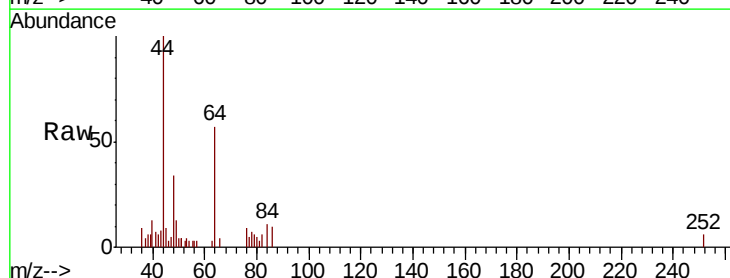
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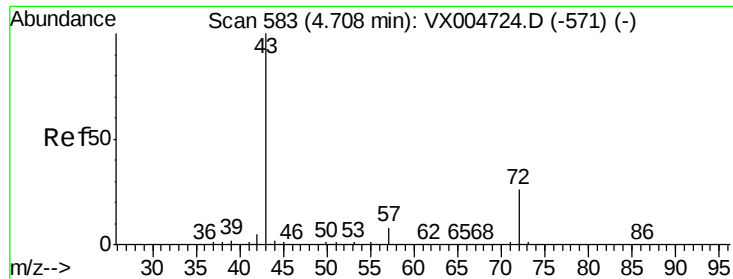
Tot Ion: 43 Resp: 58354
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion: 84 Resp: 494
Ion Ratio Lower Upper
84 100
49 109.8 101.2 151.8
51 28.7 29.5 44.3#
86 85.7 52.3 78.5#

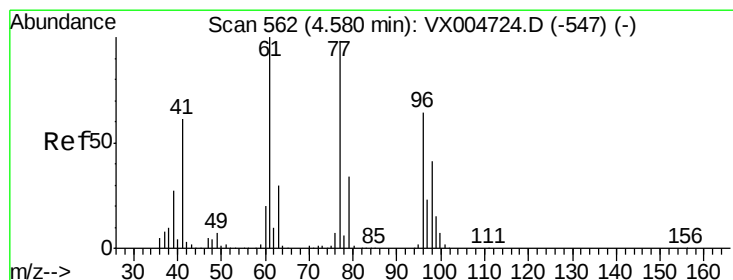
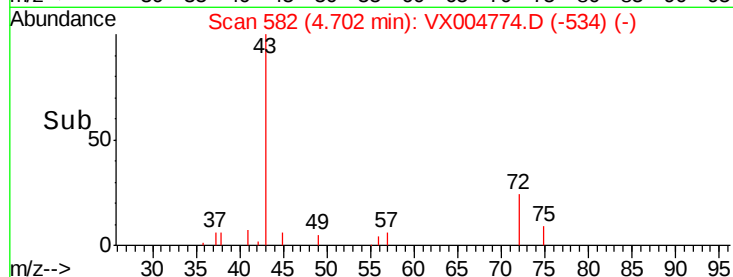
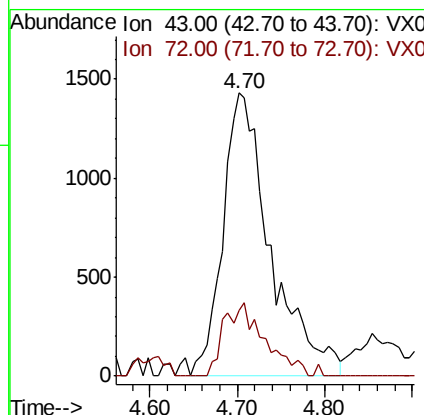
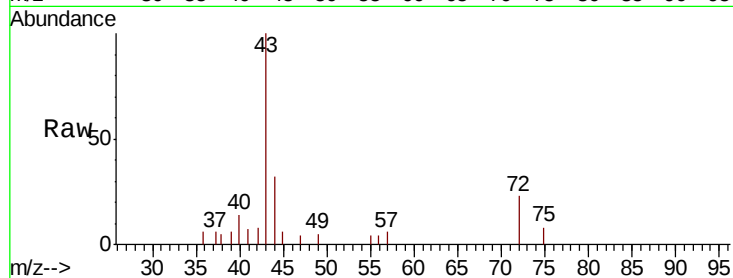




#25
2-Butanone
Concen: 1.769 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

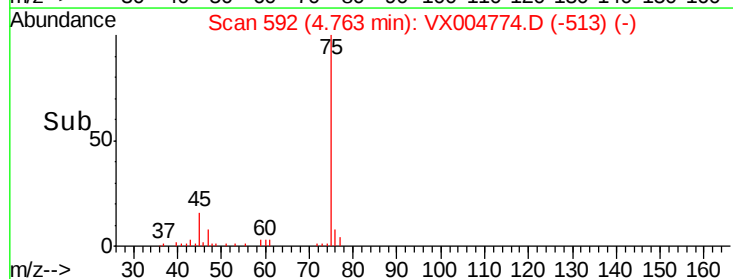
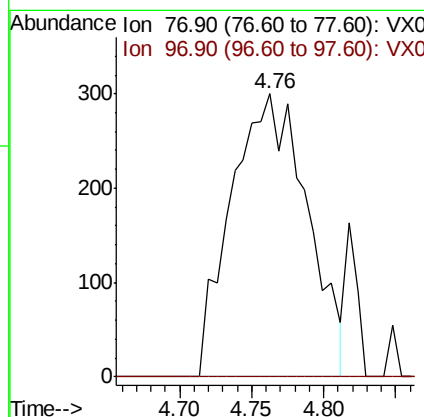
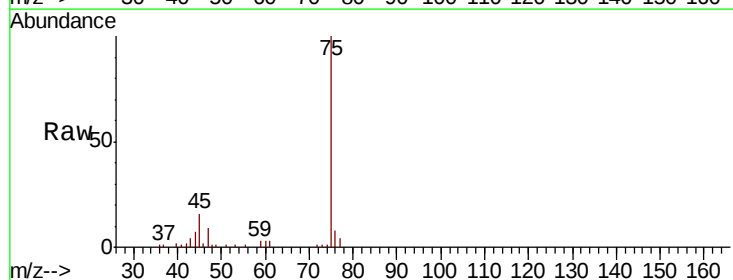
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SEP18

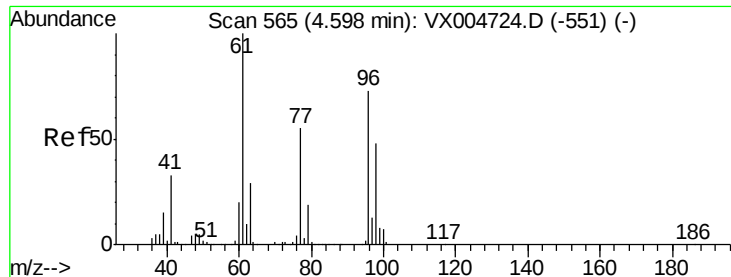
Tot Ion: 43.00 Resp: 5411
Ion Ratio Lower Upper
43 100
72 23.3 22.0 33.0



#26
2,2-Dichloropropane
Concen: 0.267 ug/l
RT: 4.76 min Scan# 592
Delta R.T. 0.18 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion: 77 Resp: 1097
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



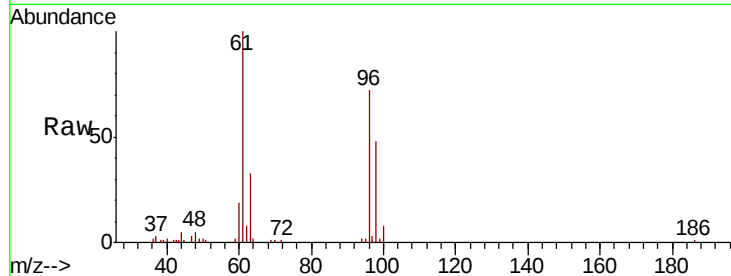


#27

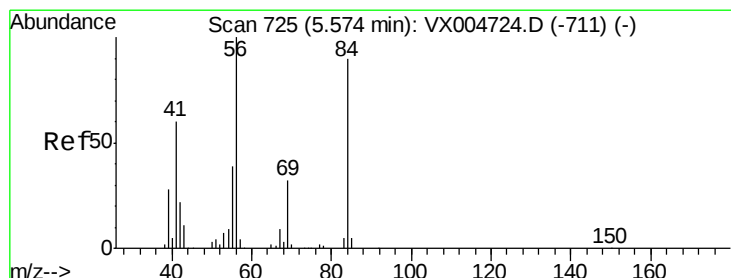
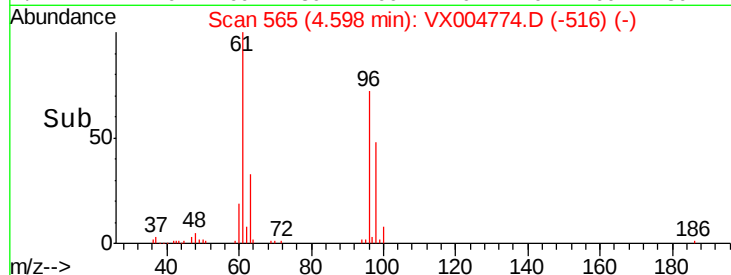
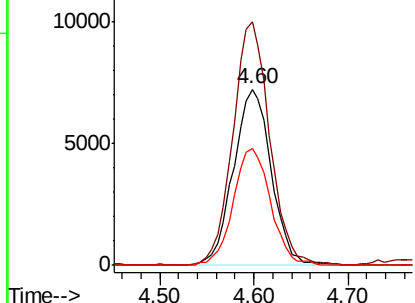
cis-1,2-Dichloroethene
Concen: 6.145 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SEP18

Tot Ion: 96 Resp: 20262
Ion Ratio Lower Upper
96 100
61 135.1 0.0 282.6
98 65.4 0.0 130.2



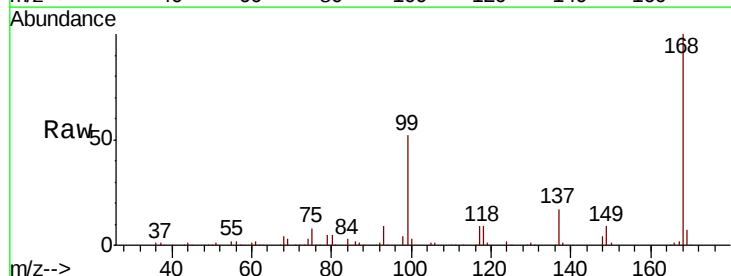
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



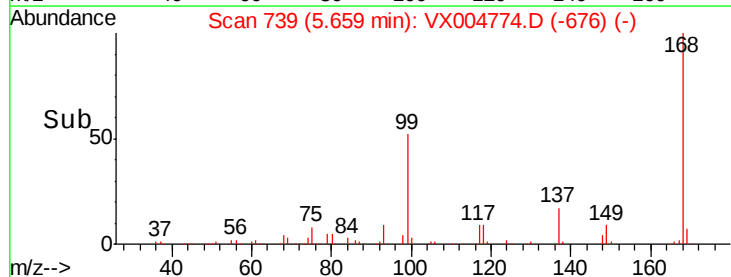
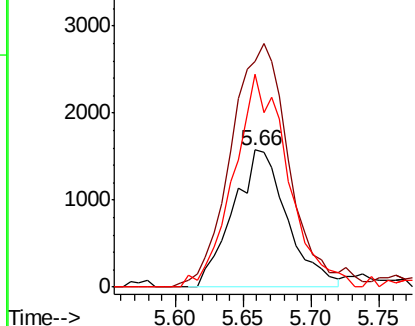
#31

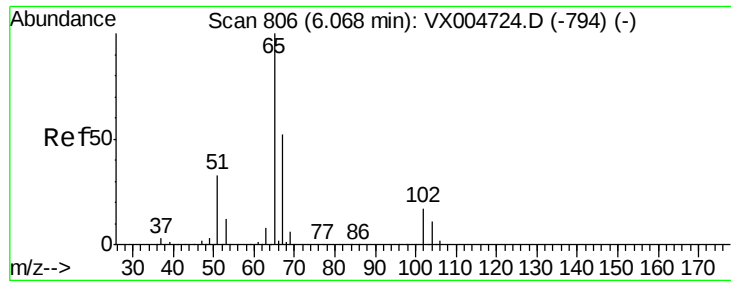
Cyclohexane
Concen: 0.967 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion: 56 Resp: 4372
Ion Ratio Lower Upper
56 100
69 160.3 25.4 38.2#
84 146.9 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: 52.966 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

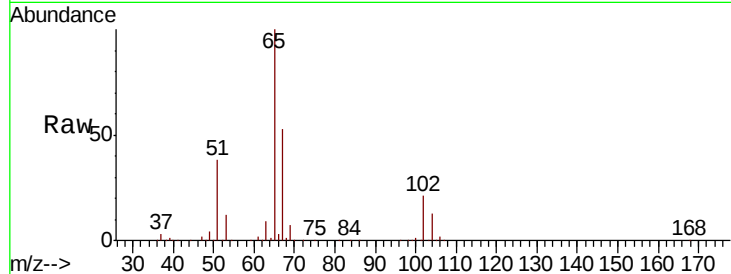
DUP-1-SEP18

Tot Ion: 65 Resp: 188289

Ion Ratio Lower Upper

65 100

67 53.9 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

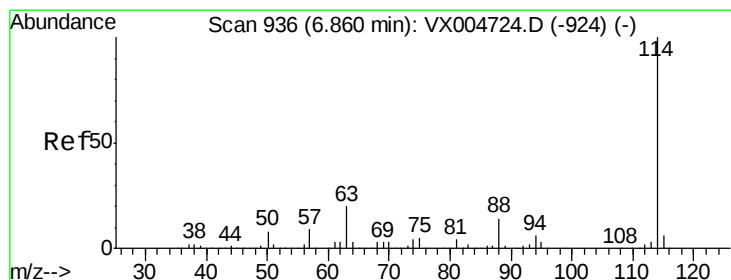
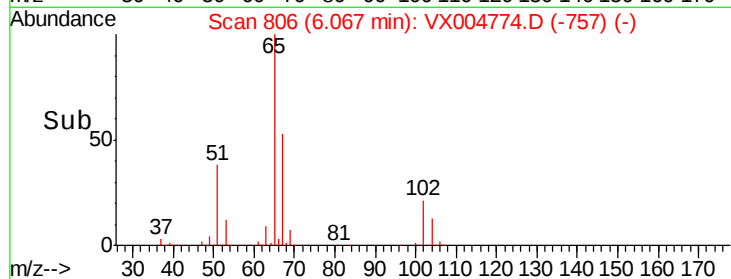
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

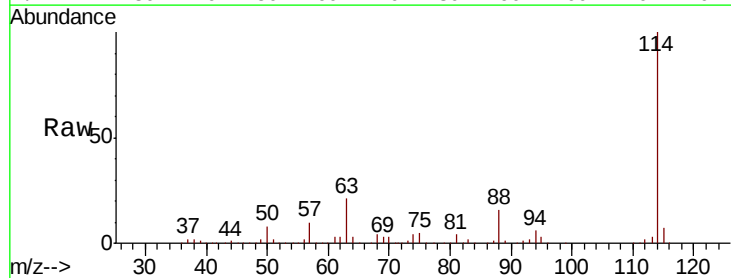
Tgt Ion:114 Resp: 409588

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

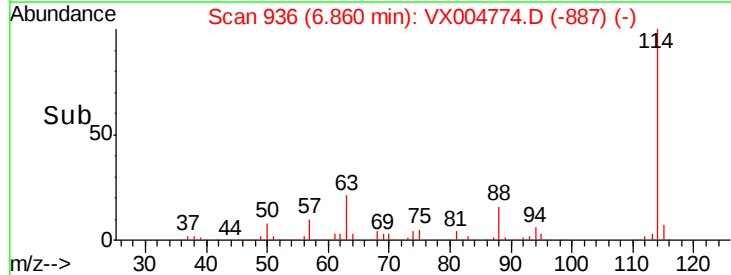
100000

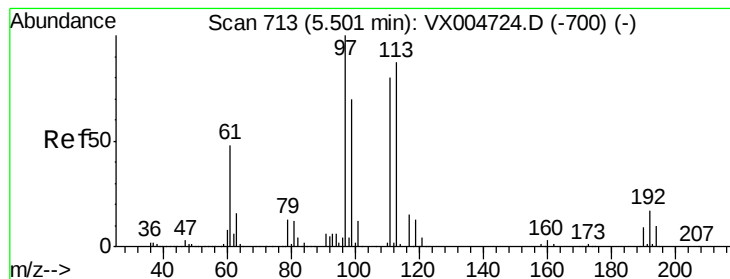
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.275 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-1-SEP18

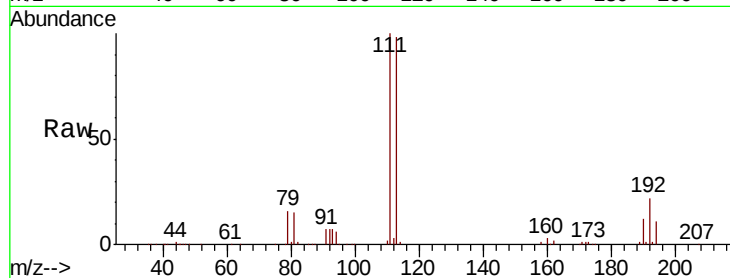
Tot Ion:113 Resp: 160634

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

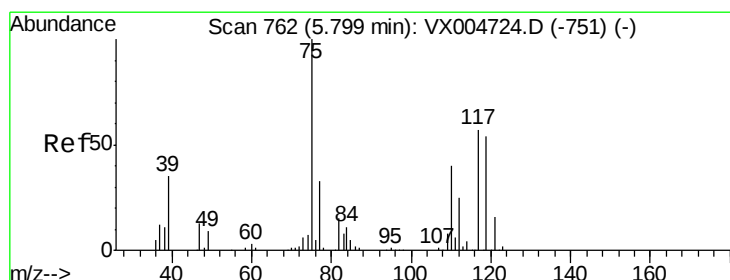
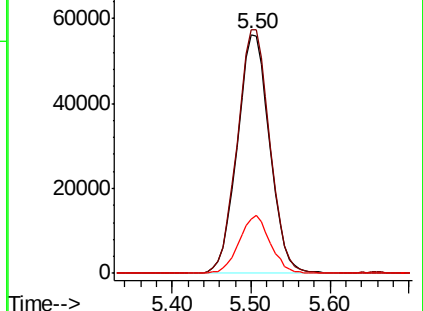
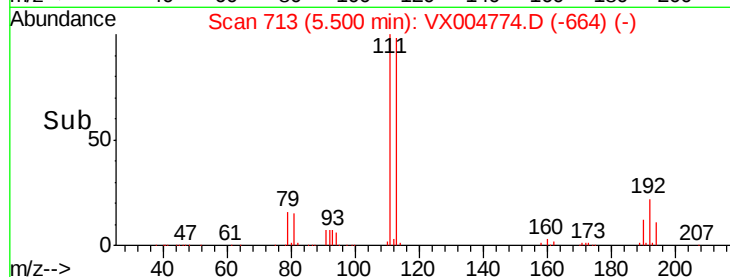
192 23.3 19.4 29.2



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: 3.566 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

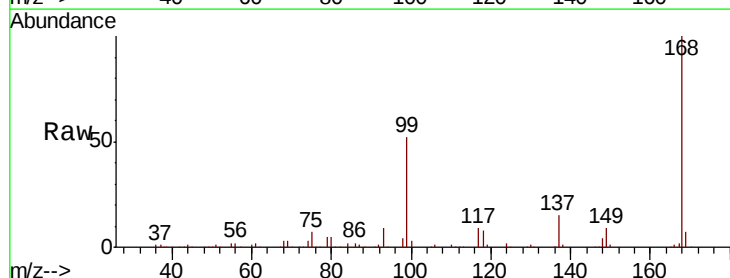
Tgt Ion: 75 Resp: 16889

Ion Ratio Lower Upper

75 100

110 9.7 18.0 54.0#

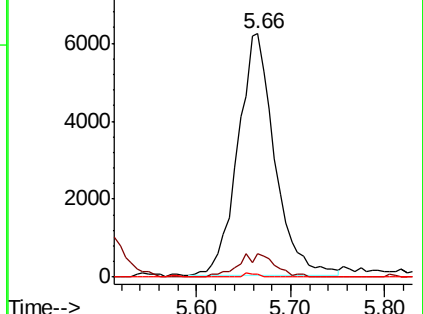
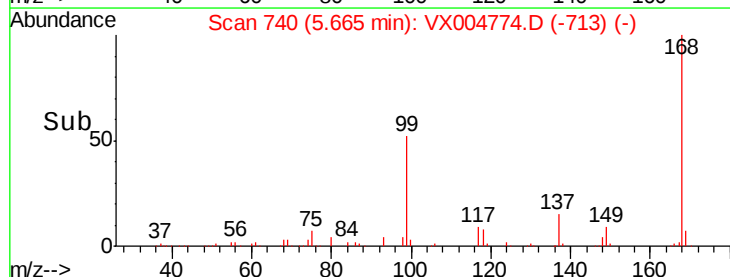
77 0.6 24.6 36.8#

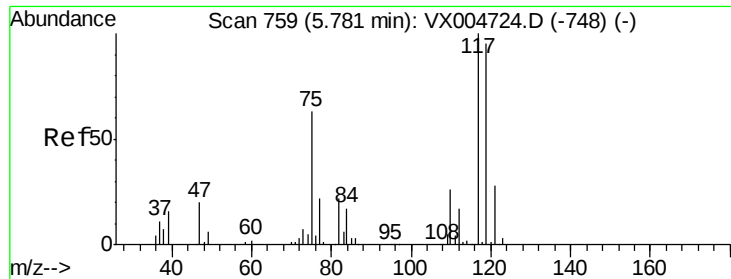


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

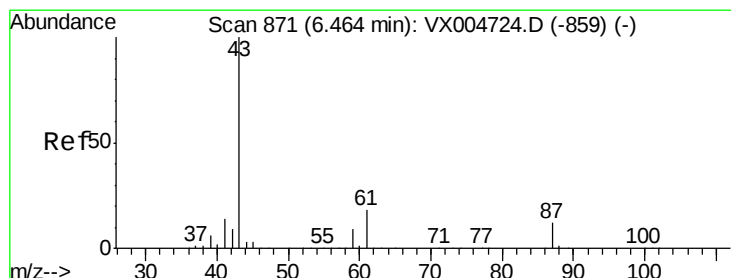
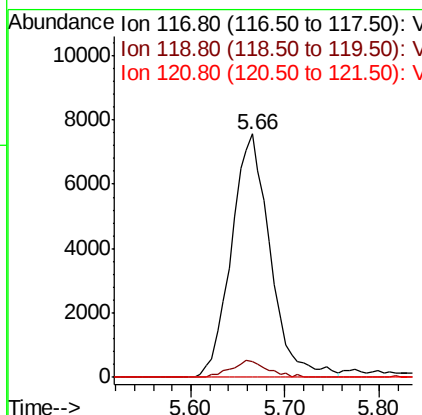
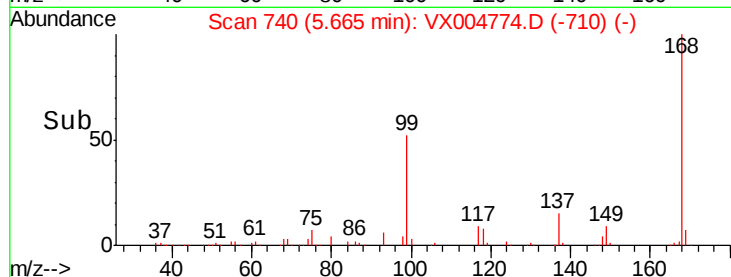
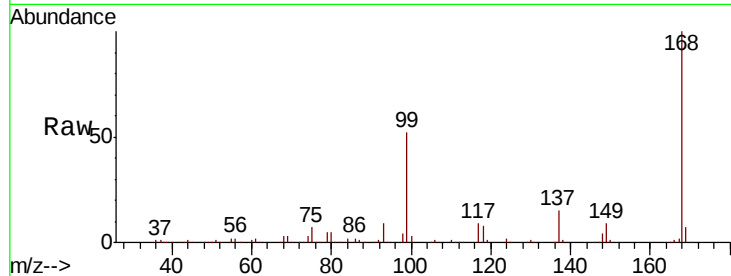




#38
Carbon Tetrachloride
Concen: 4.360 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

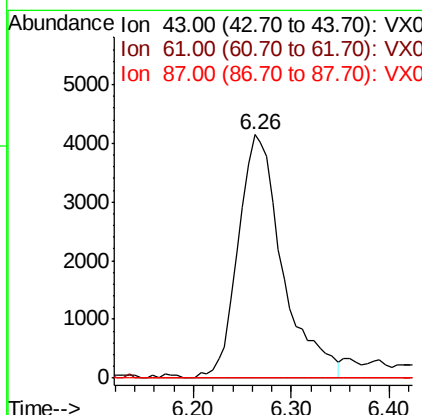
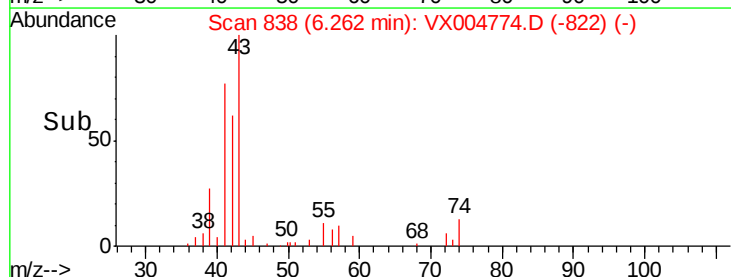
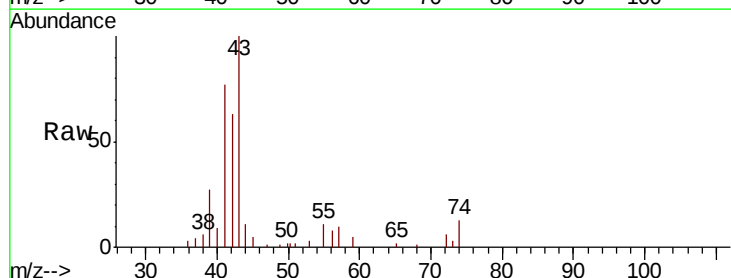
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SEP18

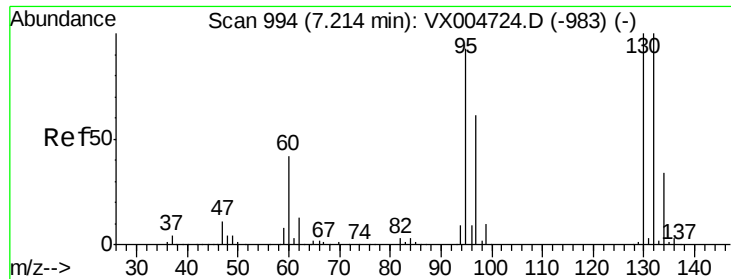
Tot Ion:117 Resp: 21704
Ion Ratio Lower Upper
117 100
119 6.3 78.8 118.2#
121 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.442 ug/l
RT: 6.26 min Scan# 838
Delta R.T. -0.20 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion: 43 Resp: 13081
Ion Ratio Lower Upper
43 100
61 0.0 17.0 25.4#
87 0.0 11.4 17.2#

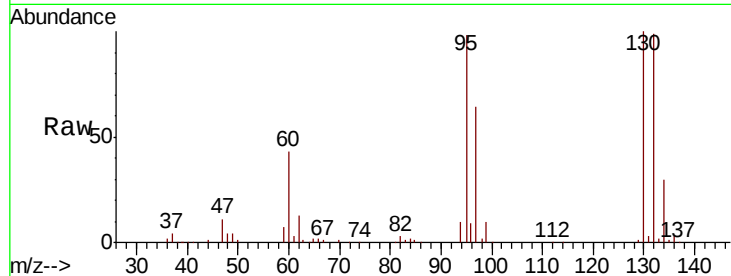




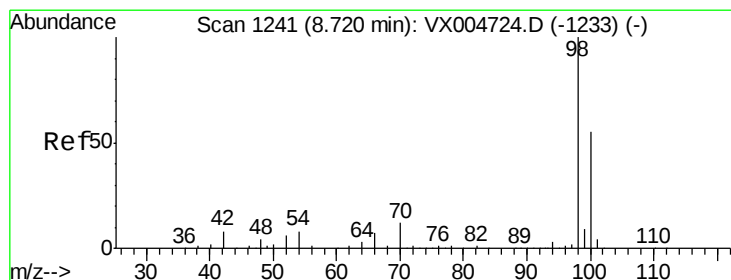
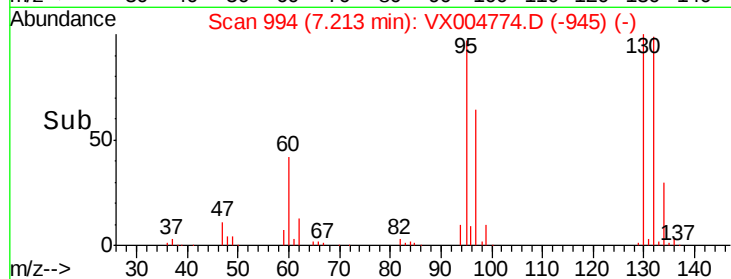
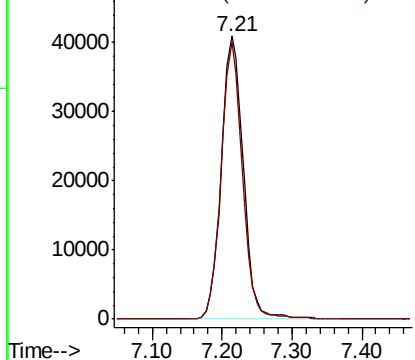
#44
 Trichloroethene
 Concen: 24.536 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004774.D
 Acq: 27 Sep 2018 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1-SEP18

Tot Ion:130 Resp: 89436
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 181.6

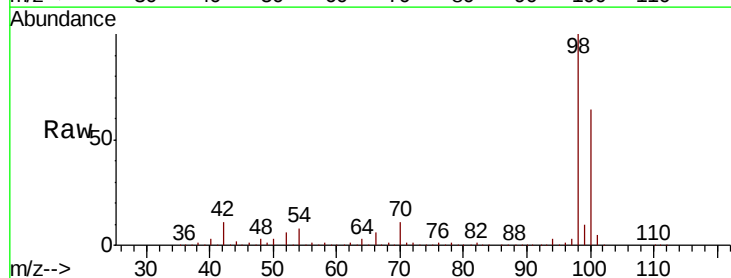


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

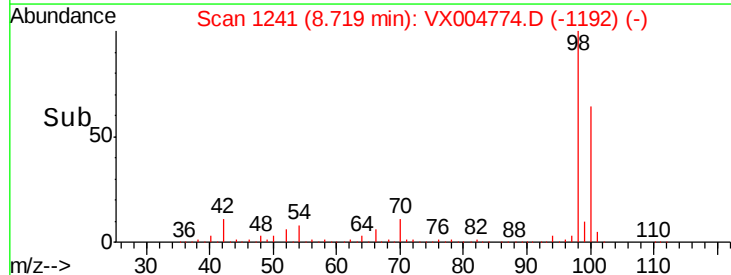
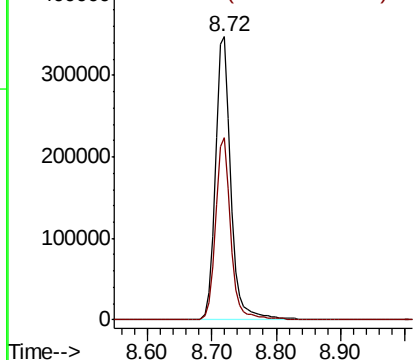


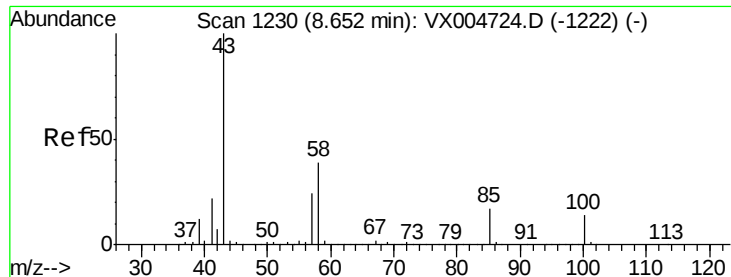
#50
 Toluene-d8
 Concen: 50.989 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004774.D
 Acq: 27 Sep 2018 15:16

Tgt Ion: 98 Resp: 588425
 Ion Ratio Lower Upper
 98 100
 100 63.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.459 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

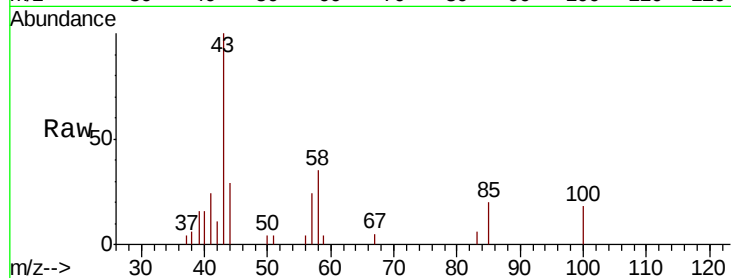
DUP-1-SEP18

Tot Ion: 43 Resp: 2622

Ion Ratio Lower Upper

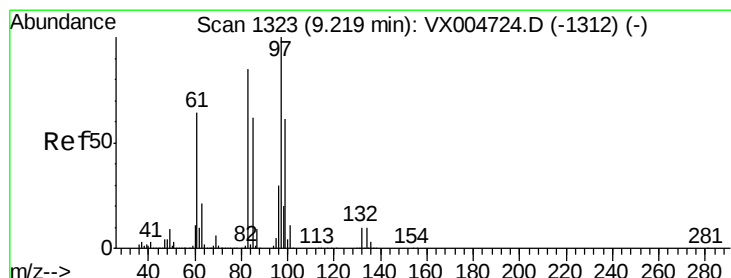
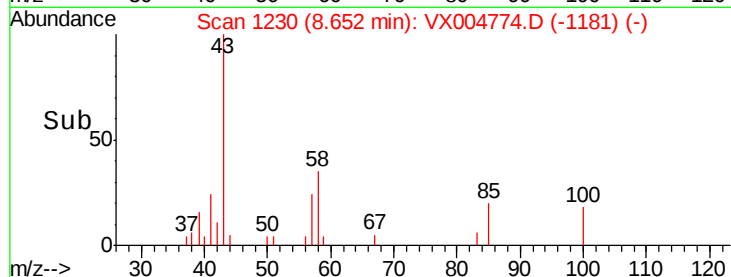
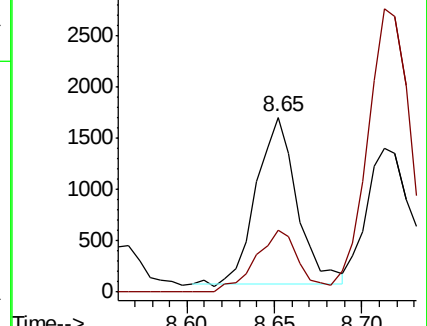
43 100

58 40.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.236 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. 0.12 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Tgt Ion: 97 Resp: 844

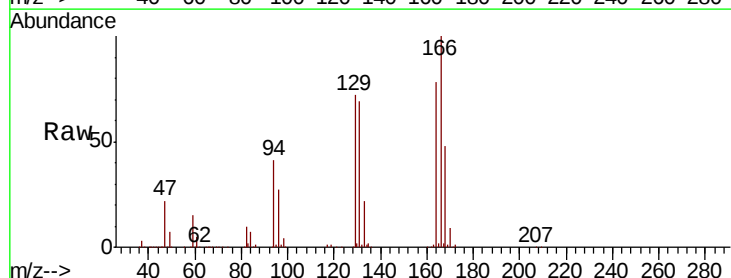
Ion Ratio Lower Upper

97 100

83 341.2 66.4 99.6#

85 52.3 43.3 64.9

99 17.3 49.0 73.4#

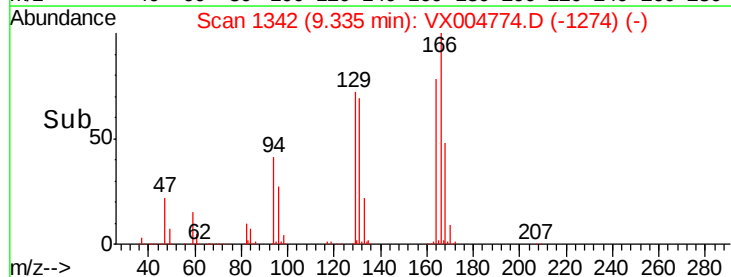
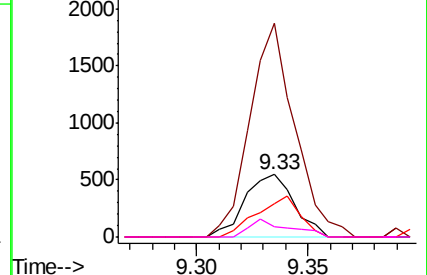


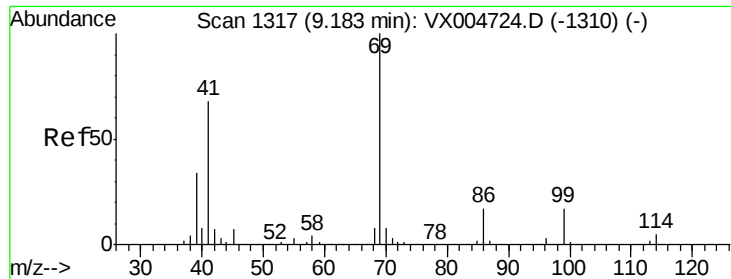
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 2.866 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

DUP-1-SEP18

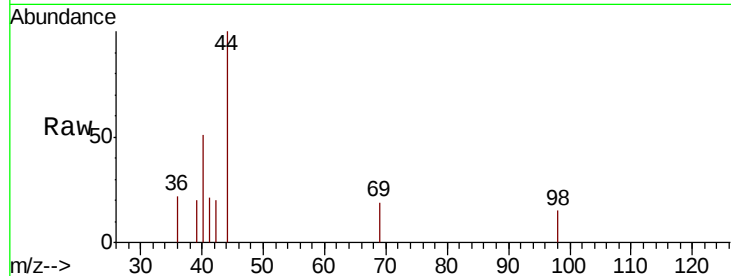
Tot Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

39 278.3 26.1 39.1#

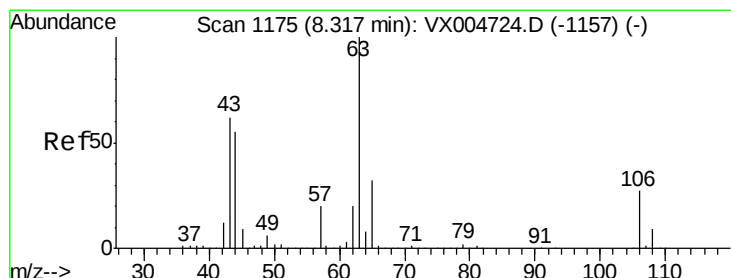
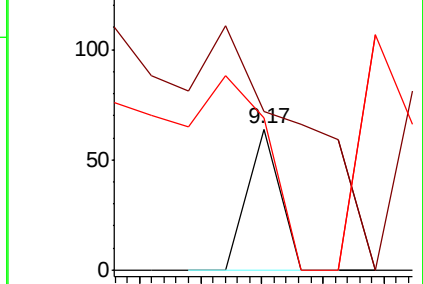
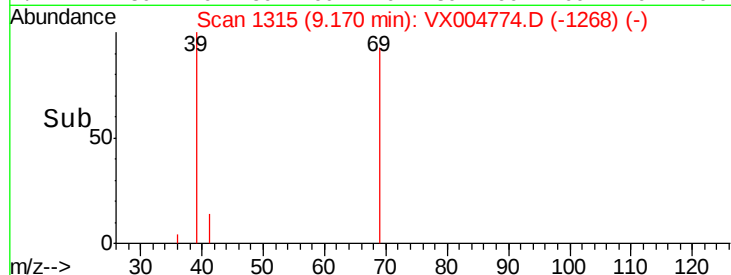


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.17



#58

2-Chloroethyl Vinyl ether

Concen: 14.248 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004774.D

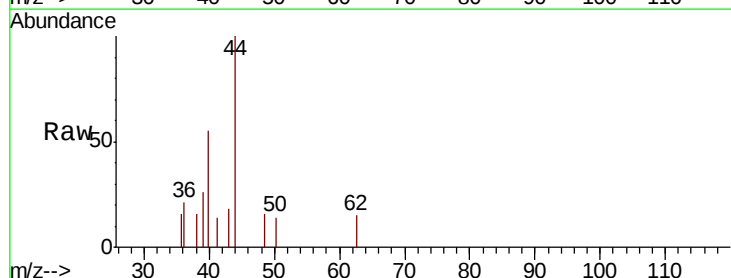
Acq: 27 Sep 2018 15:16

Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

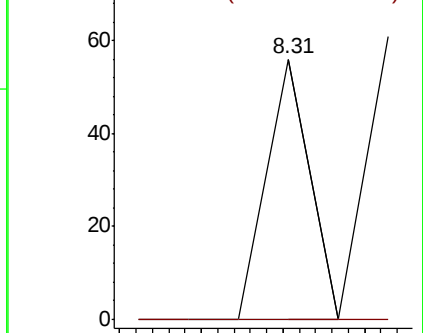
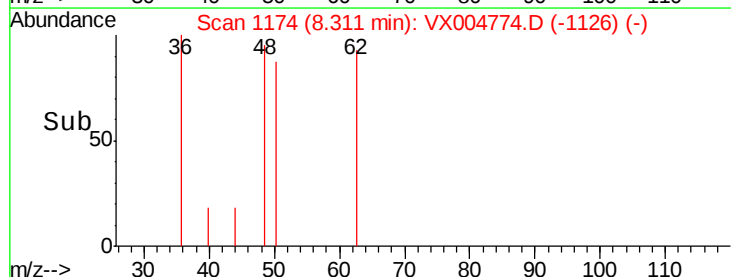
63 100

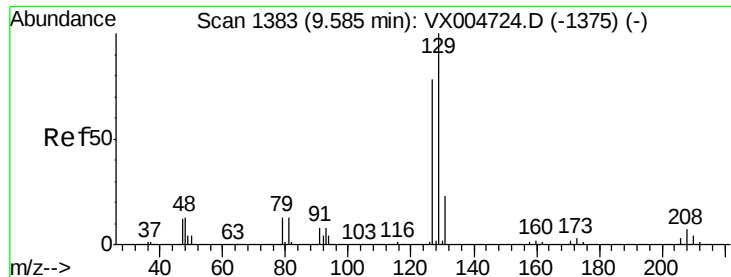
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#60

Dibromochloromethane

Concen: 28.340 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

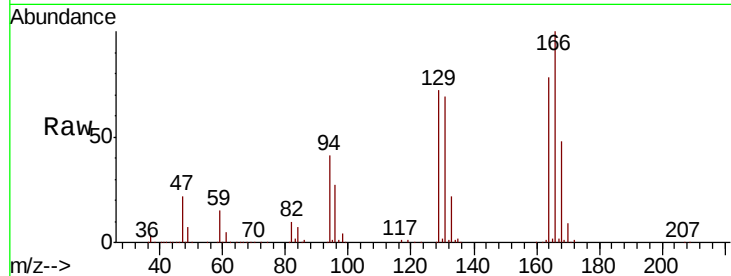
DUP-1-SEP18

Tot Ion:129 Resp: 101149

Ion Ratio Lower Upper

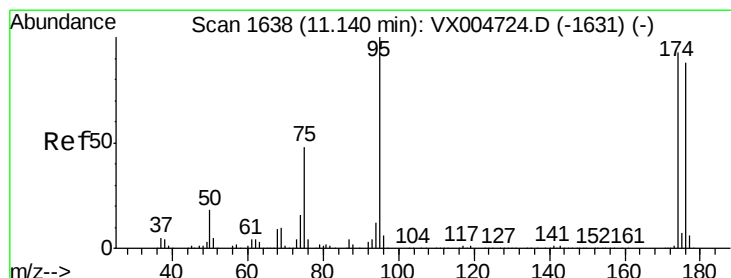
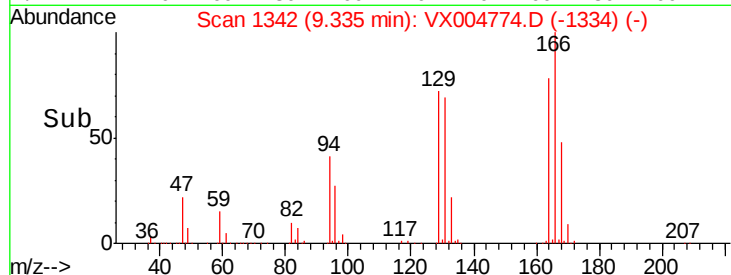
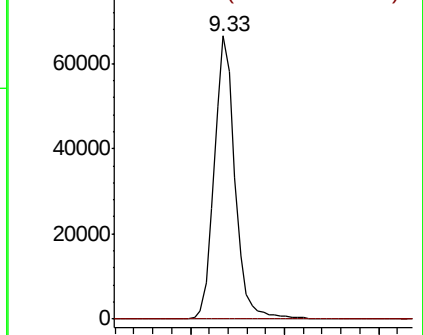
129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 51.644 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

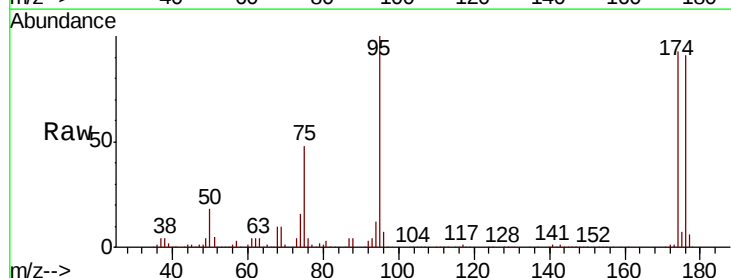
Tgt Ion: 95 Resp: 214708

Ion Ratio Lower Upper

95 100

174 90.8 0.0 185.2

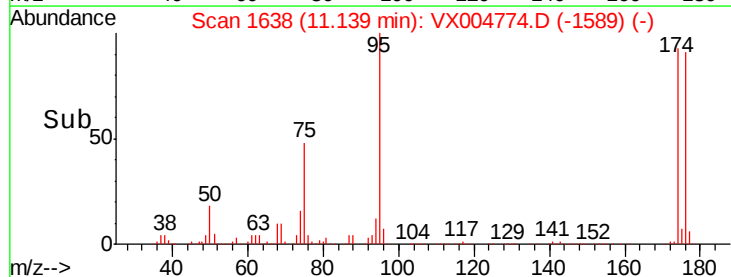
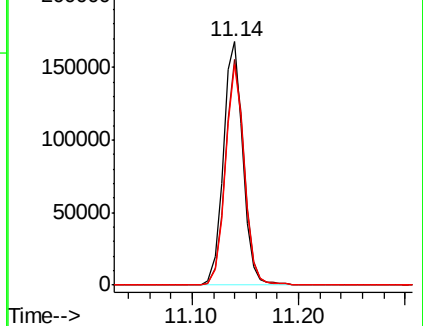
176 88.2 0.0 178.6

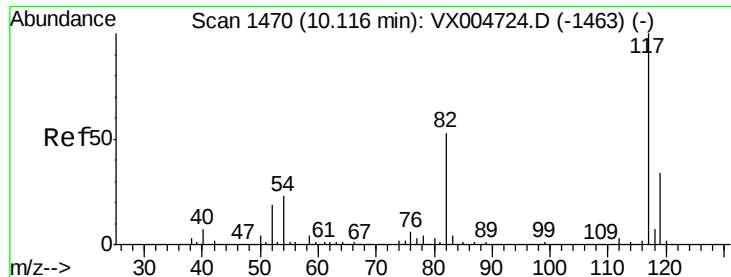


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

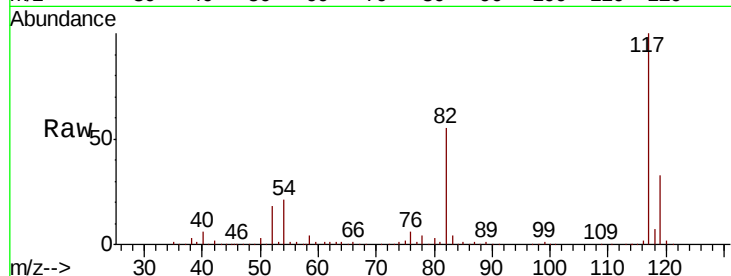




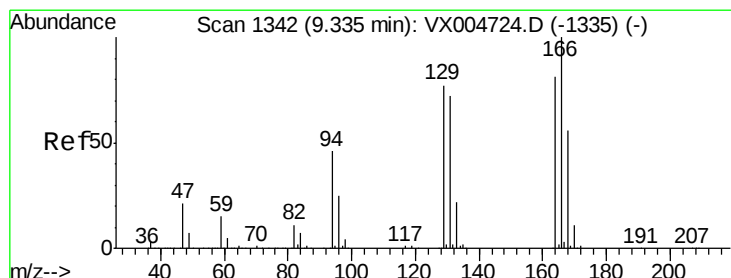
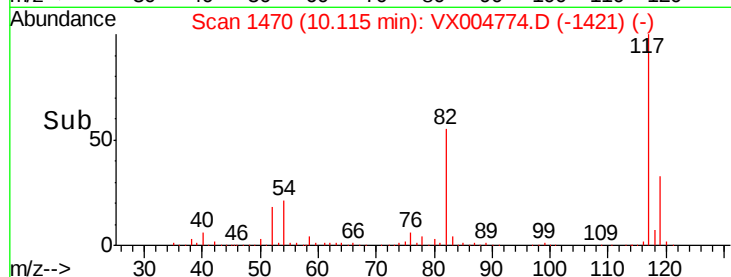
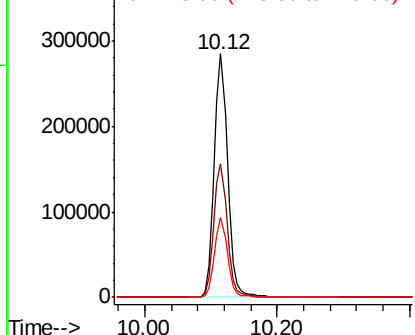
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SEP18

Tot Ion:117 Resp: 398781
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.6
119 32.8 29.3 43.9

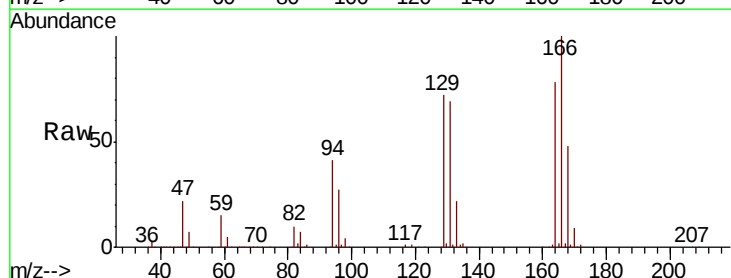


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

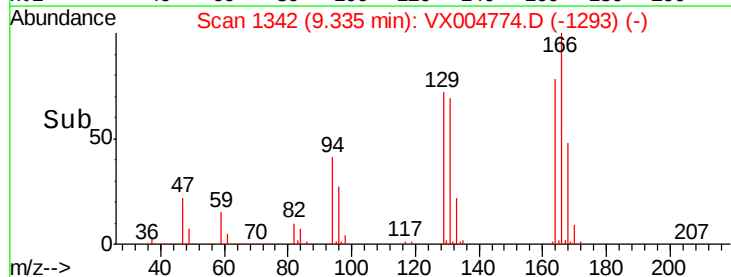
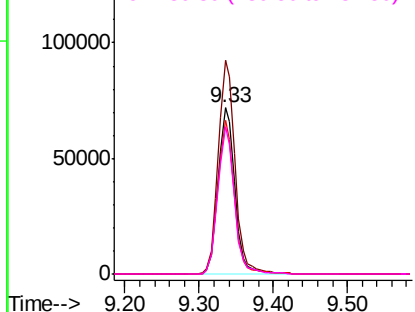


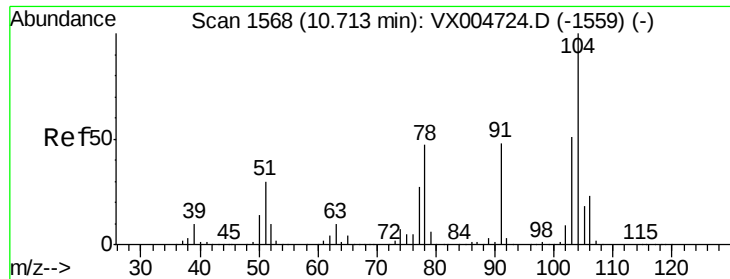
#64
Tetrachloroethene
Concen: 28.506 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion:164 Resp: 111881
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 92.3 69.4 104.0
131 88.5 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

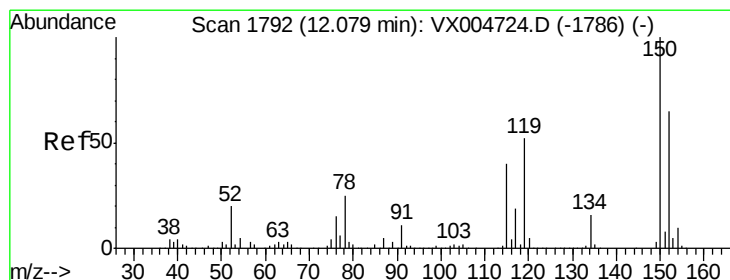
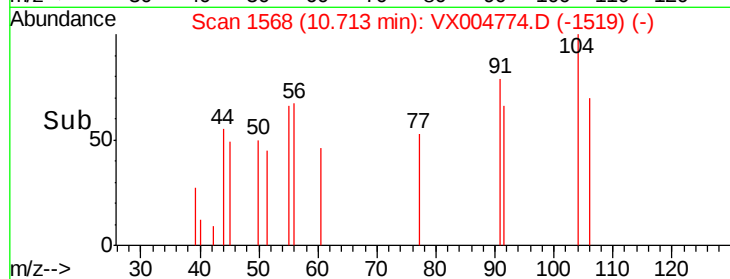
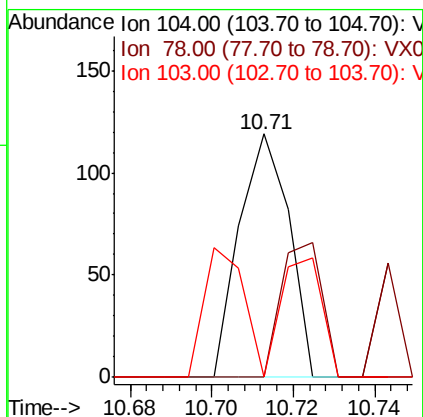
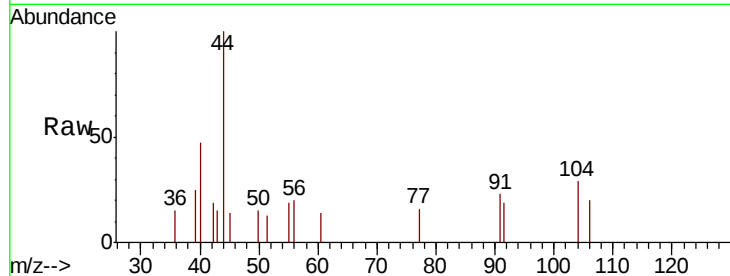




#70
Stvrene
Concen: 2.149 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

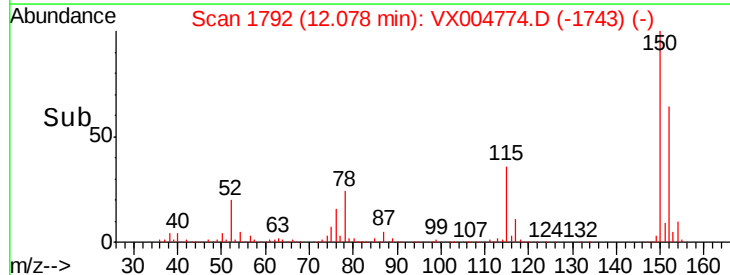
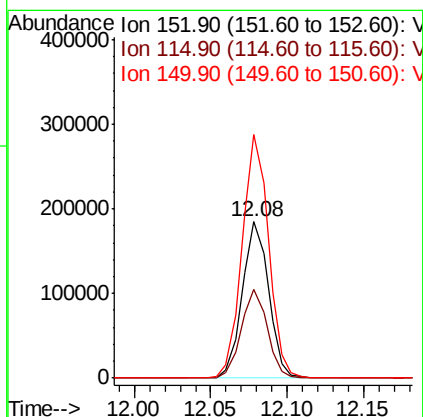
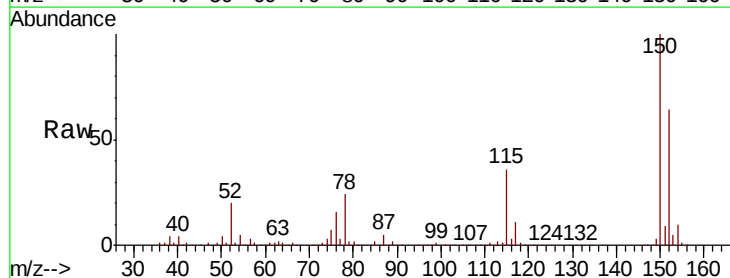
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SEP18

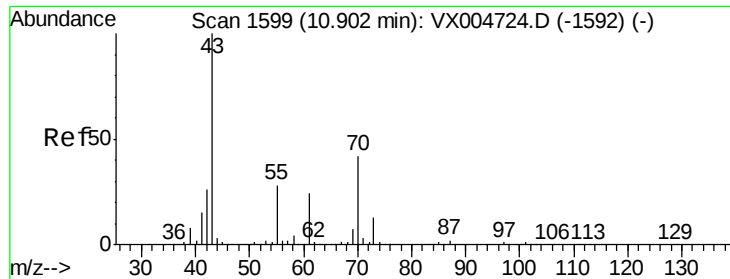
Tot Ion:104 Resp: 101
Ion Ratio Lower Upper
104 100
78 45.5 37.4 56.0
103 40.6 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004774.D
Acq: 27 Sep 2018 15:16

Tgt Ion:152 Resp: 221460
Ion Ratio Lower Upper
152 100
115 56.3 39.0 117.0
150 155.5 0.0 351.0





#74

N-amvl acetate

Concen: 1.756 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

DUP-1-SEP18

Tot Ion: 43 Resp: 62

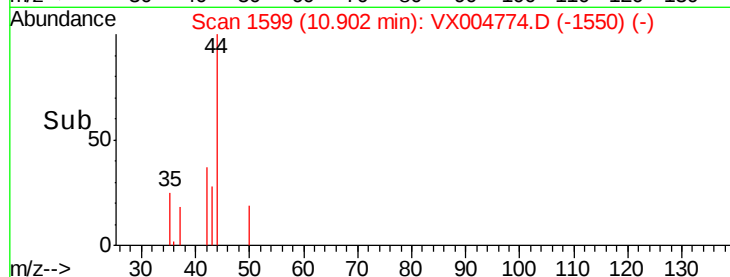
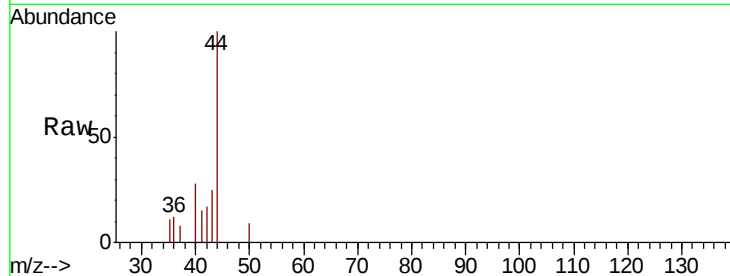
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#

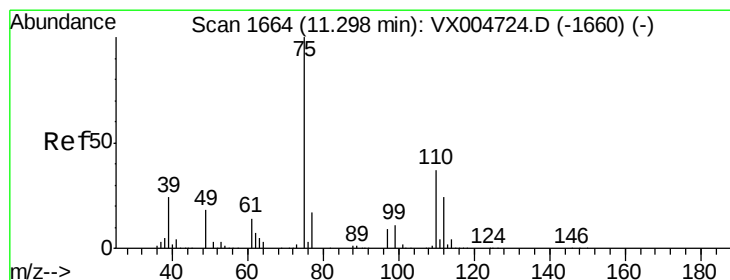
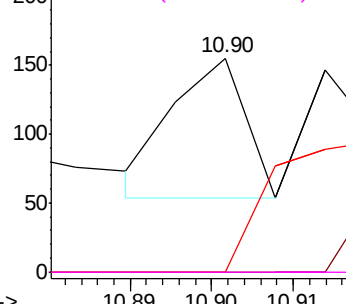


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.250 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004774.D

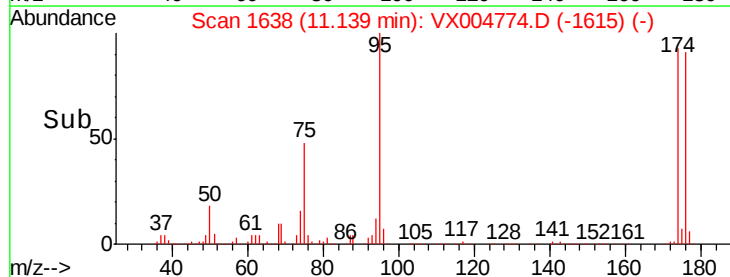
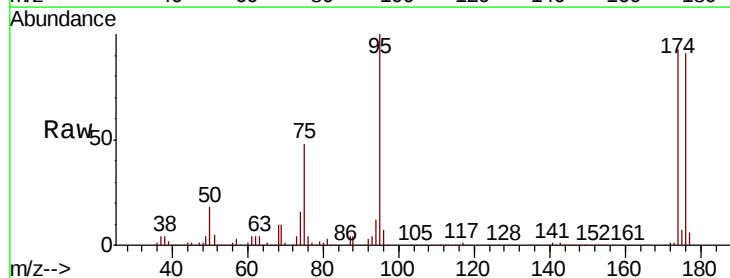
Acq: 27 Sep 2018 15:16

Tgt Ion: 75 Resp: 105479

Ion Ratio Lower Upper

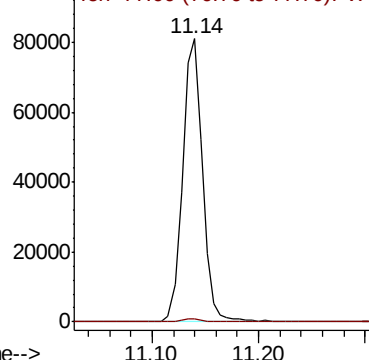
75 100

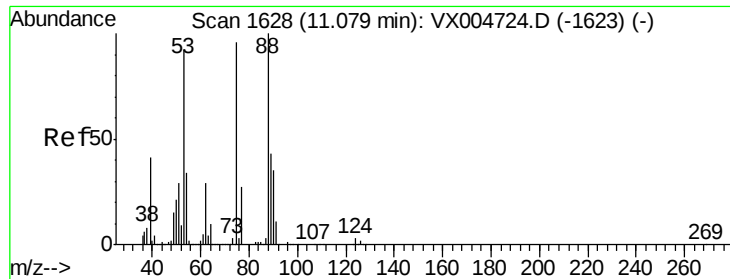
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.640 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

Instrument :

MSVOA_X

ClientSampled :

DUP-1-SEP18

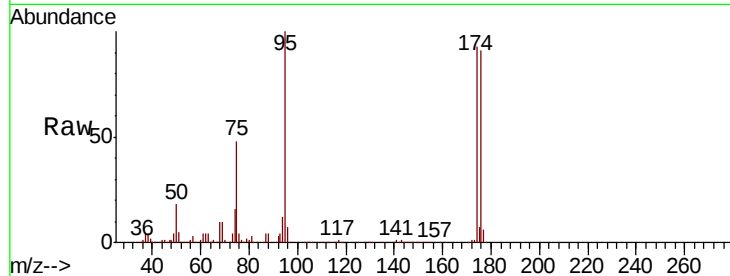
Tot Ion: 75 Resp: 105479

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

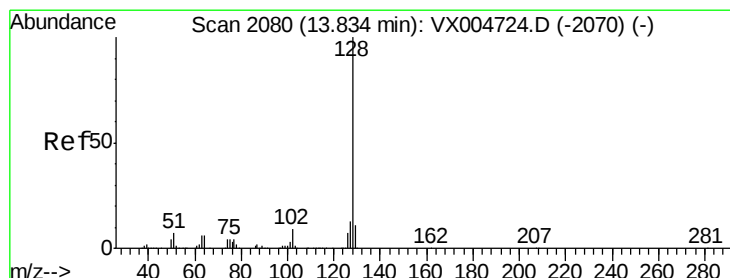
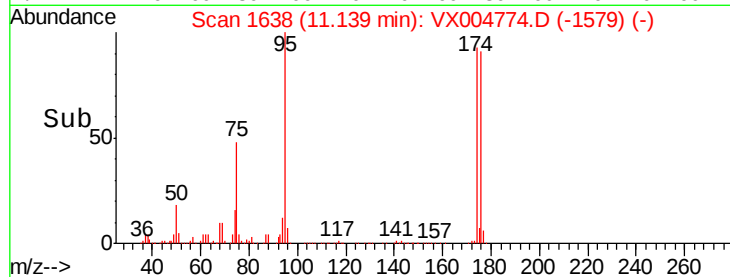
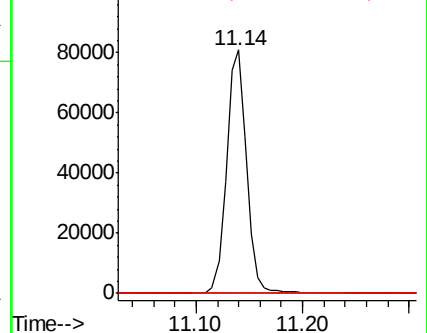
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#95

Naphthalene

Concen: 0.762 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004774.D

Acq: 27 Sep 2018 15:16

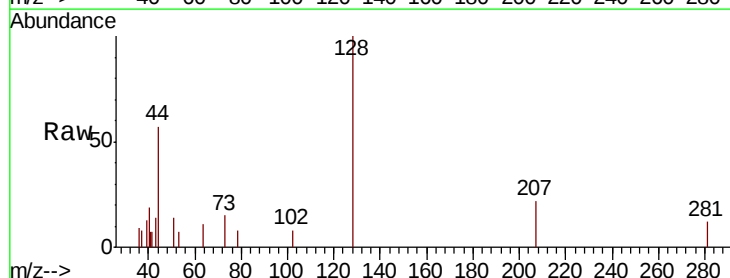
Tgt Ion:128 Resp: 791

Ion Ratio Lower Upper

128 100

127 6.4 10.2 15.2#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

