

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006698.D
 Acq On : 21 Dec 2018 02:01
 Operator : JC/MD
 Sample : J6514-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0499

Quant Time: Dec 21 03:39:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	647510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1029347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	951227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	353600	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	311548	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1215336	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	444497	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.41	62	1972485	295.939	ug/l	98
5) Bromomethane	1.65	94	916	Below Cal		96
6) Chloroethane	1.60	64	24770	5.367	ug/l #	52
8) Diethyl Ether	2.20	74	974	0.236	ug/l	66
11) Tert butyl alcohol	3.03	59	5558	3.569	ug/l	95
12) 1,1-Dichloroethene	2.38	96	18591	3.213	ug/l	91
13) Acrolein	2.28	56	334	0.318	ug/l #	1
16) Acetone	2.45	43	20233	6.311	ug/l	99
17) Carbon Disulfide	2.58	76	4534	0.296	ug/l #	88
18) Methyl Acetate	2.89	43	5029	0.533	ug/l #	67
20) Methylene Chloride	2.86	84	1545	0.233	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	563601	87.923	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4775	0.449	ug/l #	93
25) 2-Butanone	4.71	43	937	0.208	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	8401478	1187.925	ug/l	93
28) Bromochloromethane	5.01	49	150	Below Cal	#	54
29) Tetrahydrofuran	5.15	42	754	0.254	ug/l #	52
36) 1,1-Dichloropropene	5.66	75	44226	5.188	ug/l #	49
38) Carbon Tetrachloride	5.67	117	61766	7.455	ug/l #	14
39) Methylcyclohexane	7.23	83	486849	43.376	ug/l #	1
49) 1,4-Dioxane	7.78	88	39	Below Cal	#	1
52) Toluene	8.79	92	87056	5.200	ug/l	98
60) Dibromochloromethane	9.34	129	5016	2.992	ug/l #	10
64) Tetrachloroethene	9.34	164	4959	0.658	ug/l #	80
67) Ethyl Benzene	10.25	91	15259	0.464	ug/l	100
68) m/p-Xylenes	10.36	106	16787	1.294	ug/l	96
69) o-Xylene	10.70	106	6241	0.487	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	211310	24.899	ug/l #	40
78) n-propylbenzene	11.36	91	7662	0.223	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	10922	0.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	211310	73.593	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	32568	1.203	ug/l	95
90) Hexachloroethane	12.61	117	701	3.444	ug/l #	6
95) Naphthalene	13.83	128	8926	0.266	ug/l #	89

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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

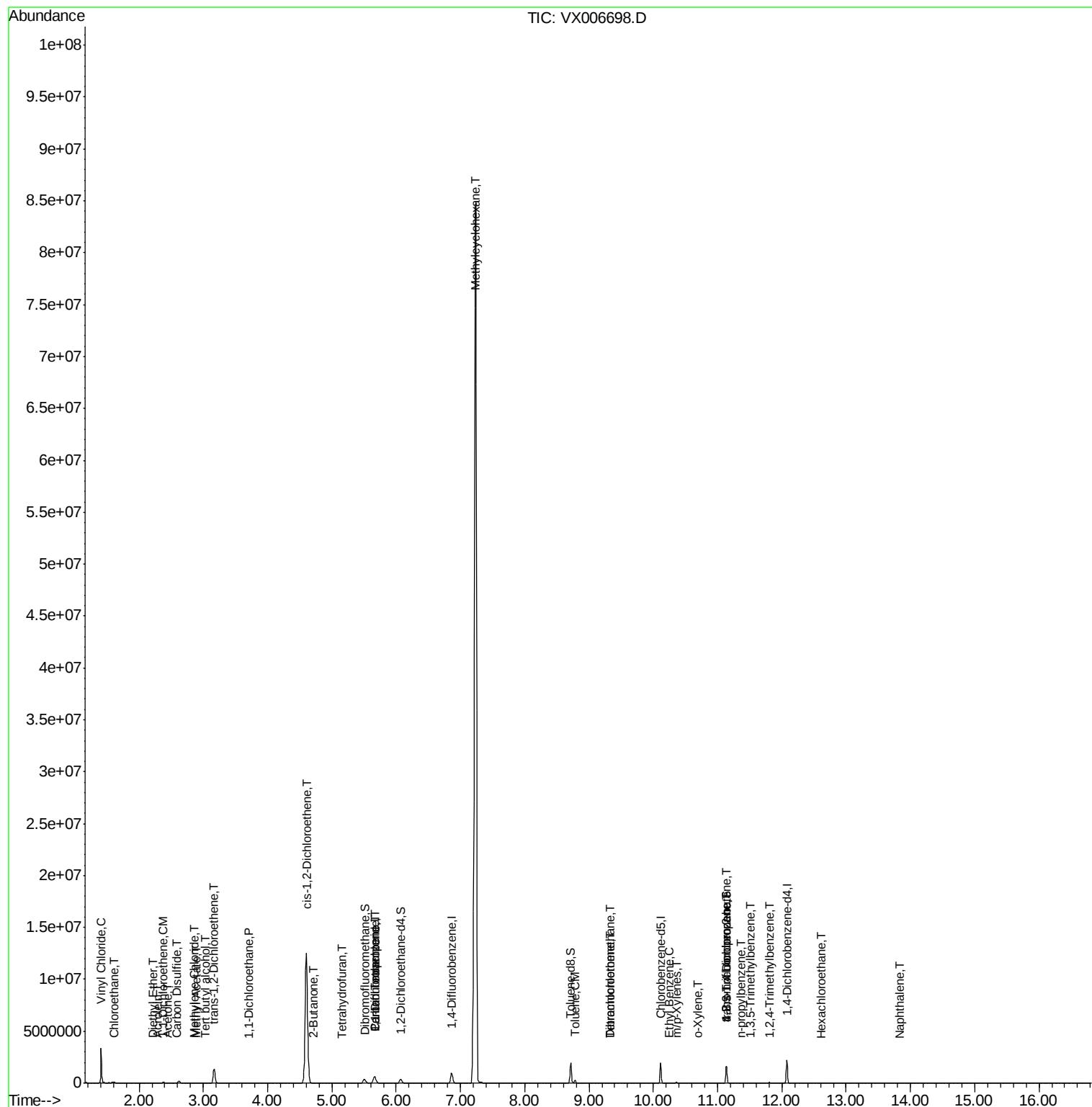
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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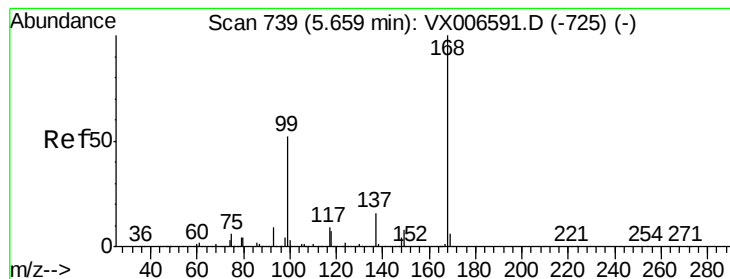
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

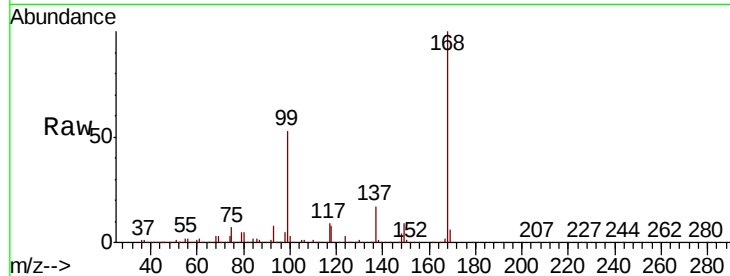
S49-0499

Tot Ion:168 Resp: 647510

Ion Ratio Lower Upper

168 100

99 52.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

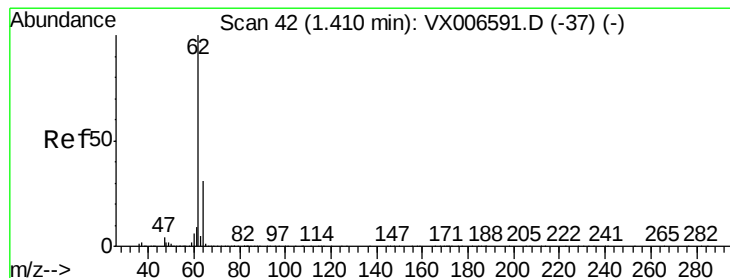
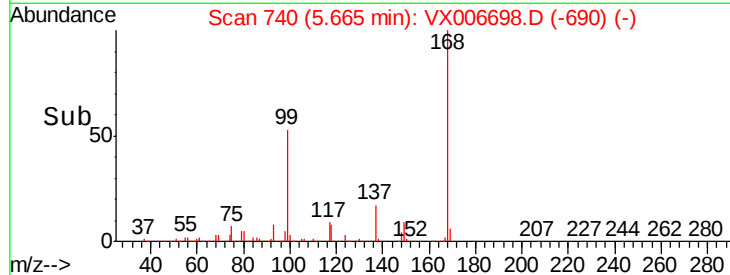
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 295.939 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006698.D

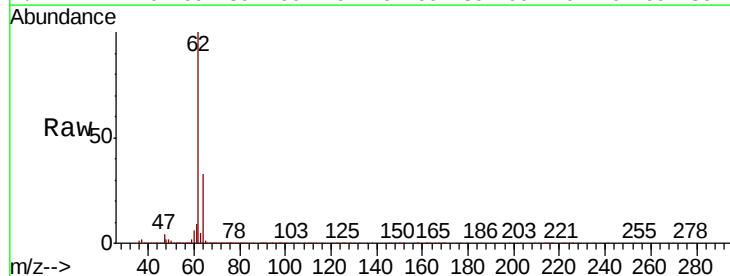
Acq: 21 Dec 2018 02:01

Tgt Ion: 62 Resp: 1972485

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

2000000

1500000

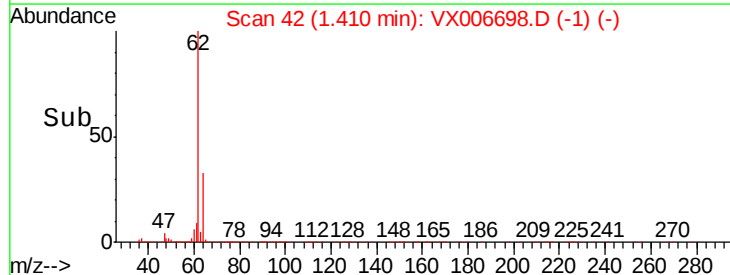
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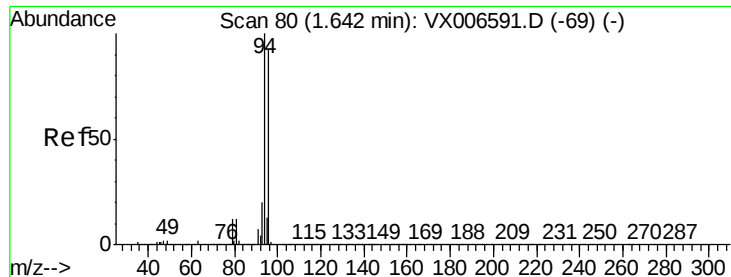
500000

0

Time-->

1.30 1.40 1.50





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

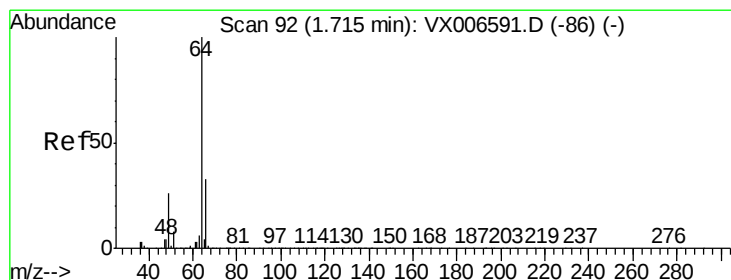
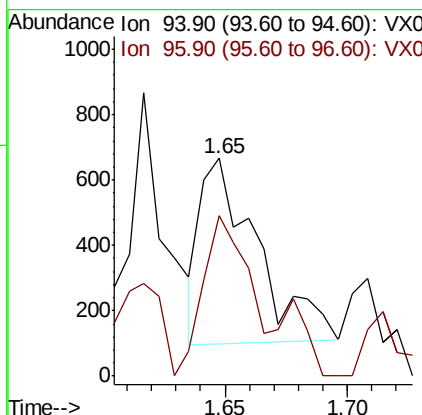
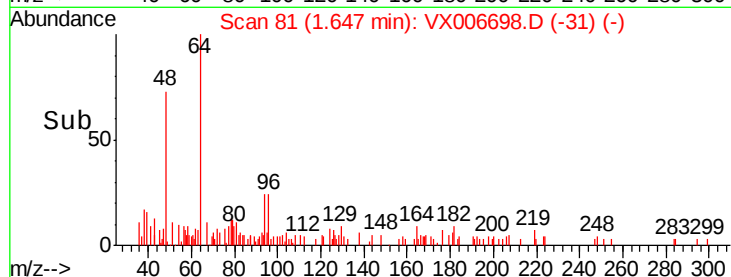
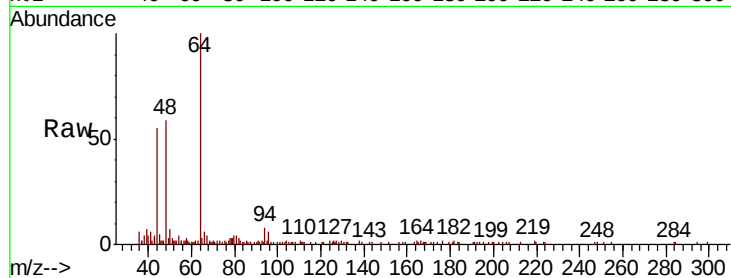
S49-0499

Tot Ion: 94 Resp: 916

Ion Ratio Lower Upper

94 100

96 88.3 73.4 110.2



#6

Chloroethane

Concen: 5.367 ug/l

RT: 1.60 min Scan# 74

Delta R.T. -0.11 min

Lab File: VX006698.D

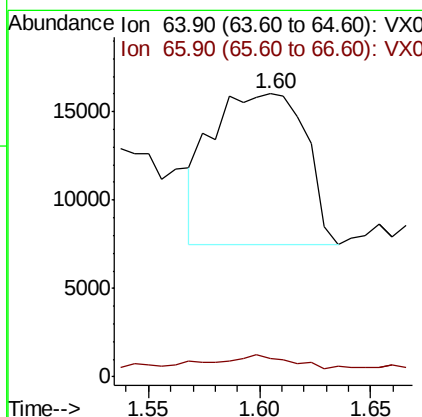
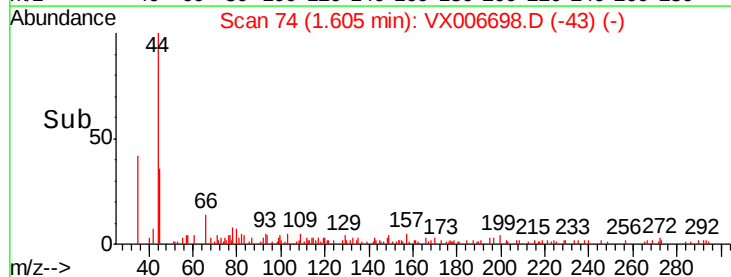
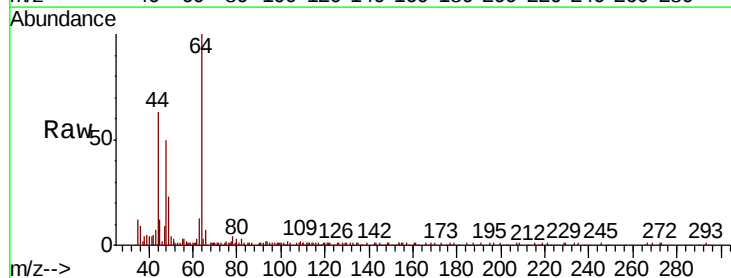
Acq: 21 Dec 2018 02:01

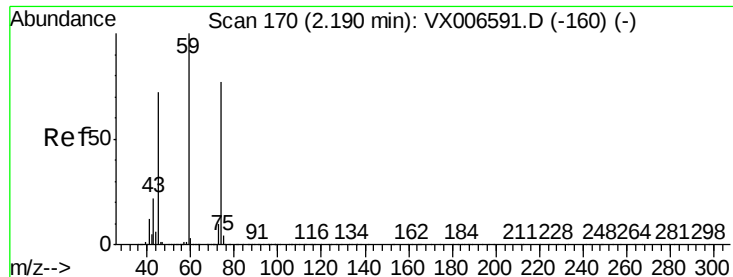
Tgt Ion: 64 Resp: 24770

Ion Ratio Lower Upper

64 100

66 5.9 26.4 39.6#





#8

Diethyl Ether

Concen: 0.236 ug/l

RT: 2.20 min Scan# 172

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

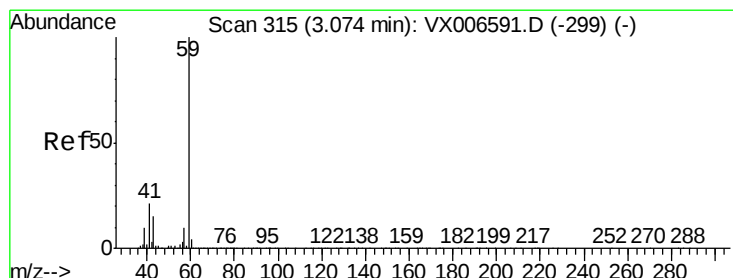
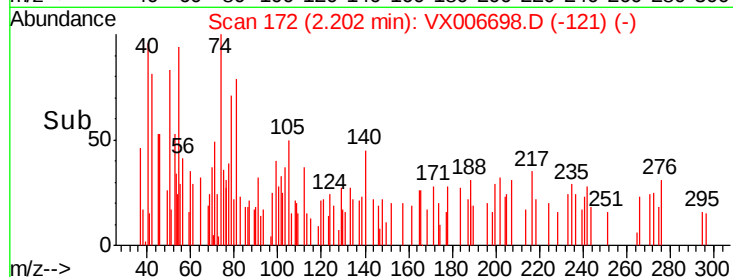
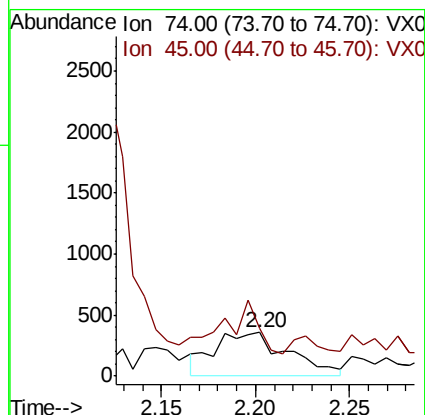
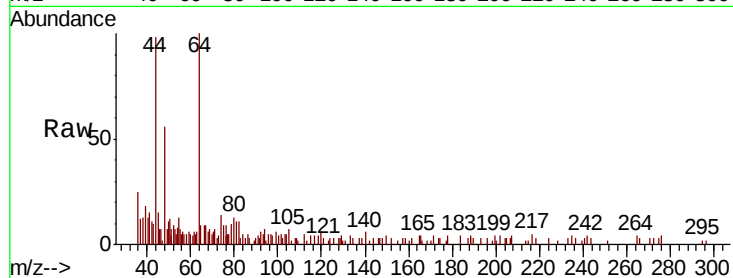
S49-0499

Tot Ion: 74 Resp: 974

Ion Ratio Lower Upper

74 100

45 60.0 46.3 138.9



#11

Tert butyl alcohol

Concen: 3.569 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006698.D

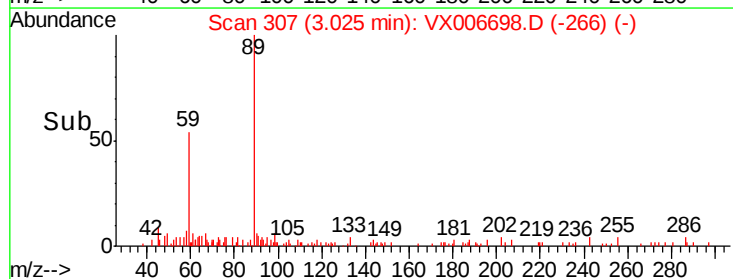
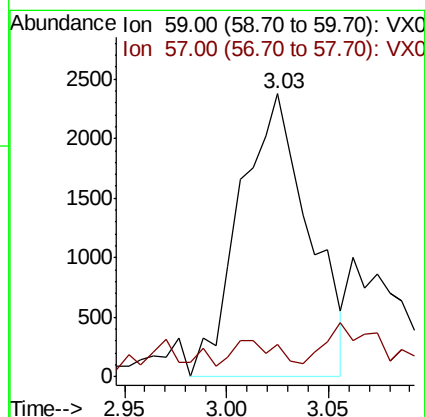
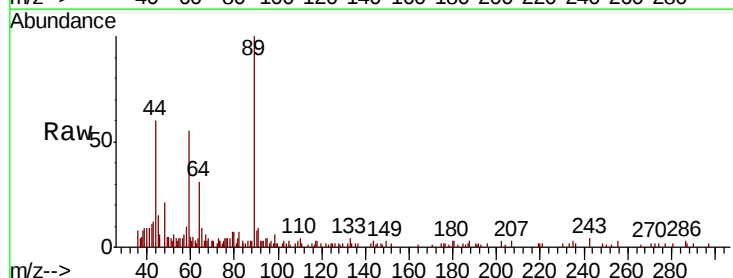
Acq: 21 Dec 2018 02:01

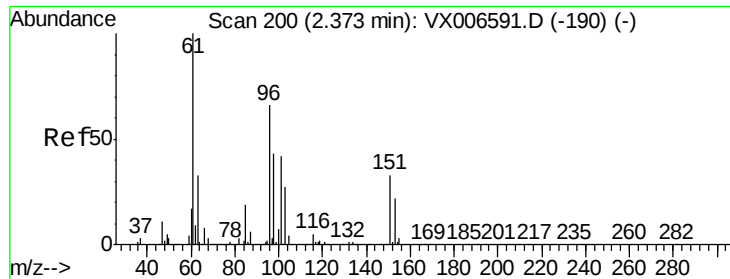
Tgt Ion: 59 Resp: 5558

Ion Ratio Lower Upper

59 100

57 8.8 8.5 12.7





#12

1,1-Dichloroethene

Concen: 3.213 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

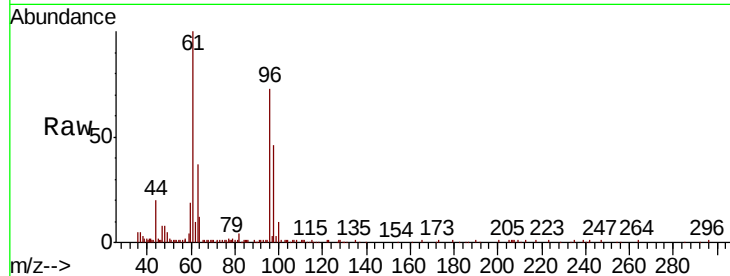
Tot Ion: 96 Resp: 18591

Ion Ratio Lower Upper

96 100

61 136.6 121.4 182.2

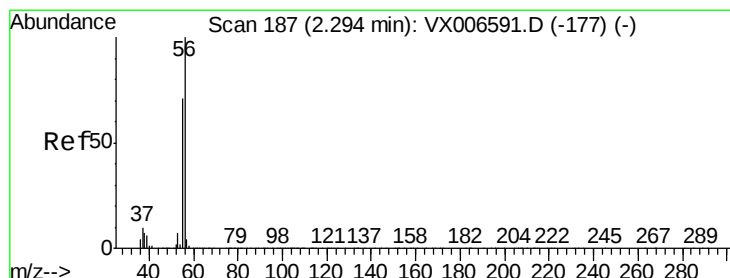
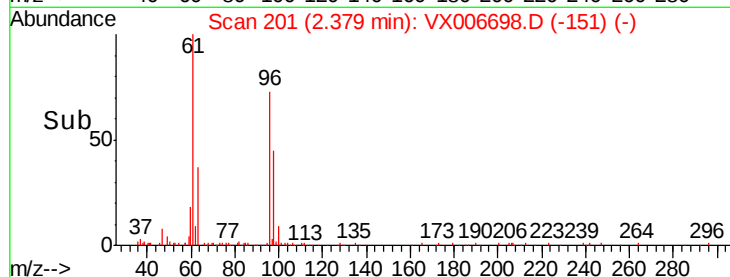
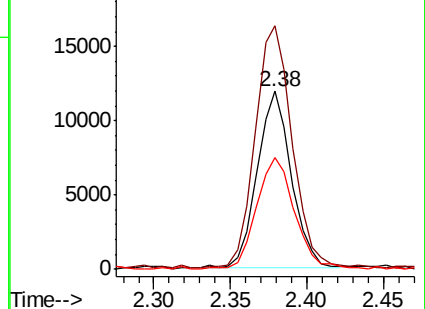
98 62.5 51.9 77.9



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



#13

Acrolein

Concen: 0.318 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX006698.D

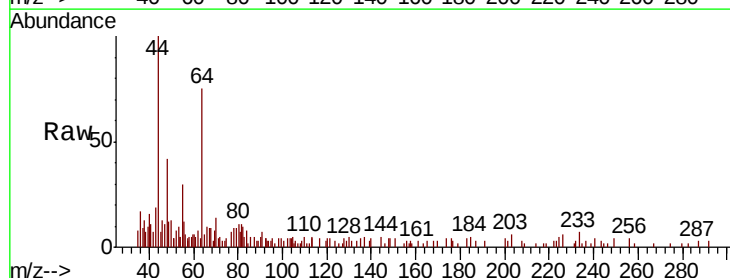
Acq: 21 Dec 2018 02:01

Tgt Ion: 56 Resp: 334

Ion Ratio Lower Upper

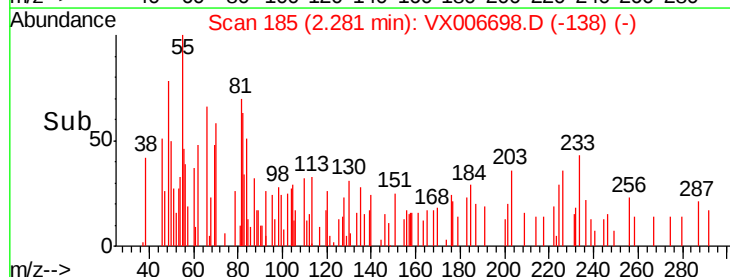
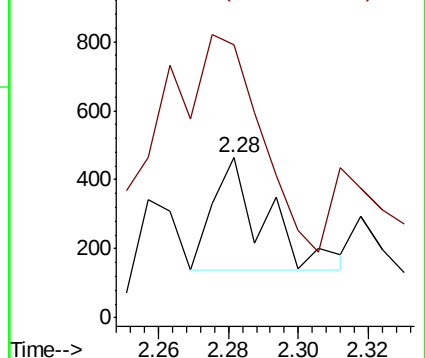
56 100

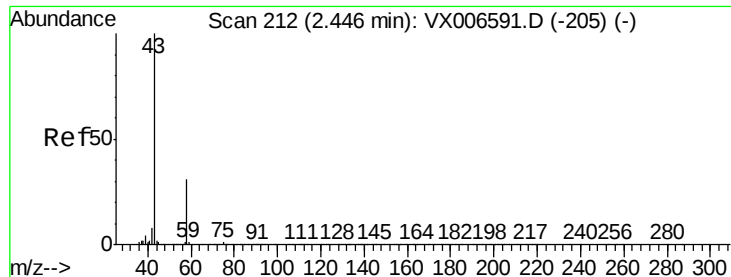
55 355.4 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

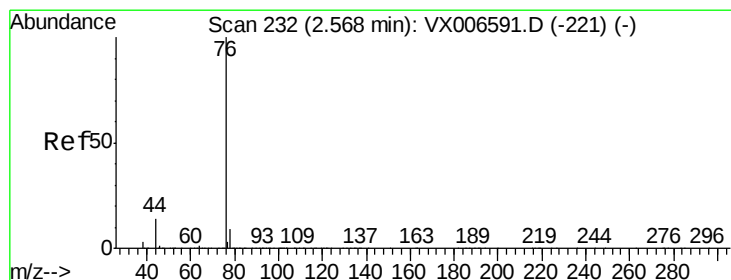
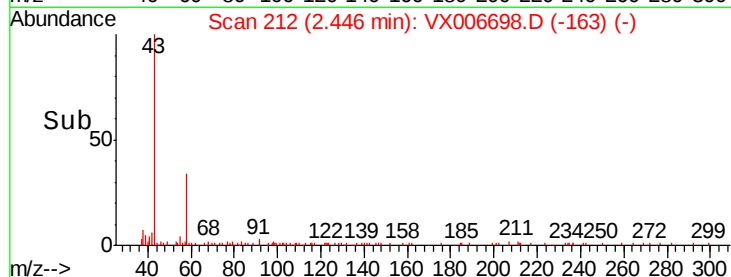
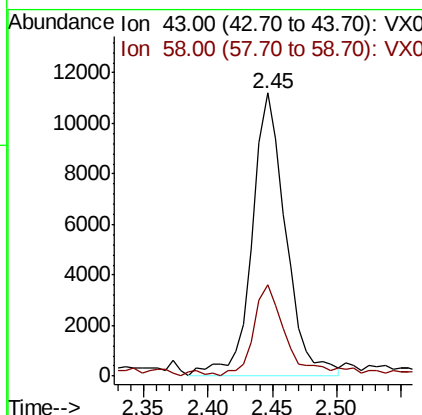
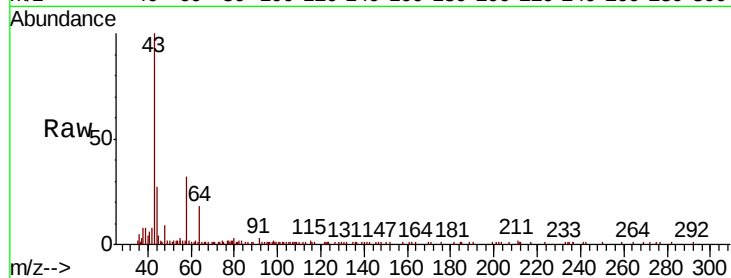




#16
Acetone
Concen: 6.311 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

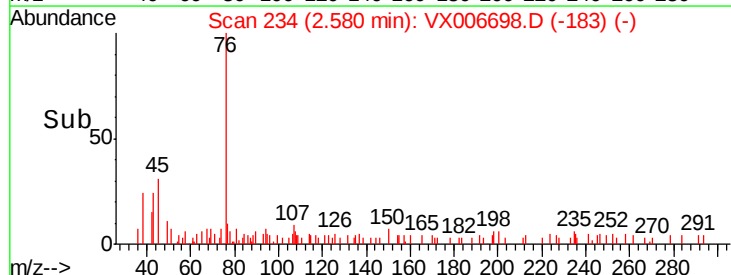
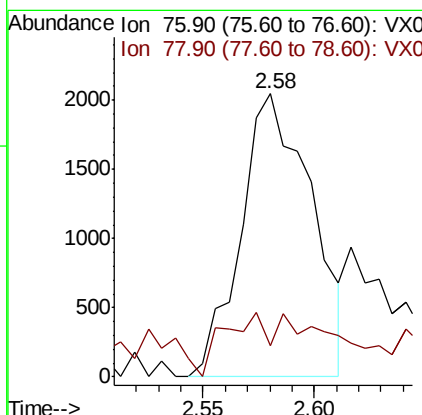
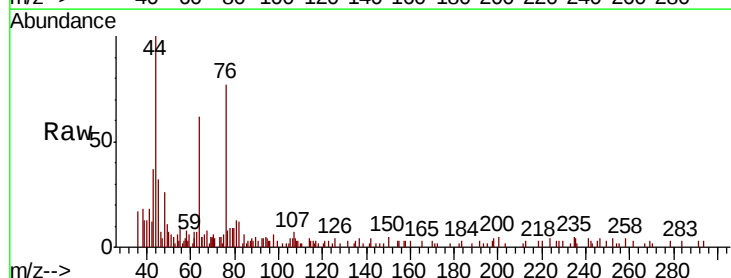
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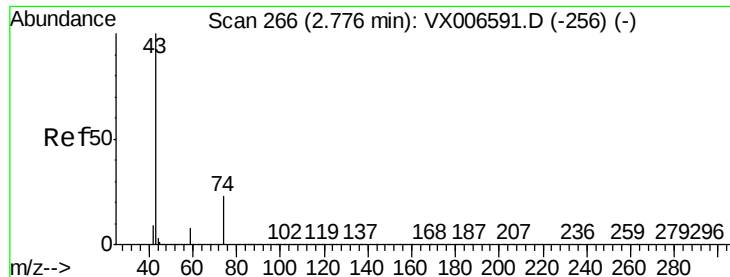
Tot Ion: 43 Resp: 20233
Ion Ratio Lower Upper
43 100
58 30.8 25.0 37.6



#17
Carbon Disulfide
Concen: 0.296 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 76 Resp: 4534
Ion Ratio Lower Upper
76 100
78 4.5 7.0 10.6#

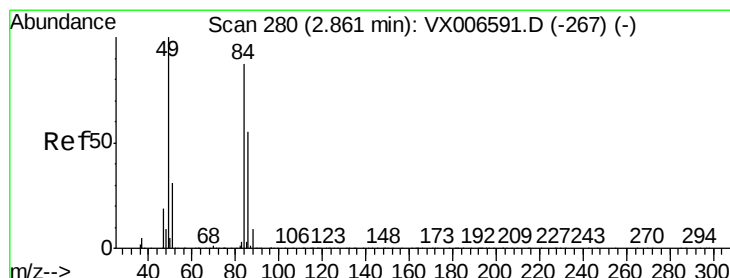
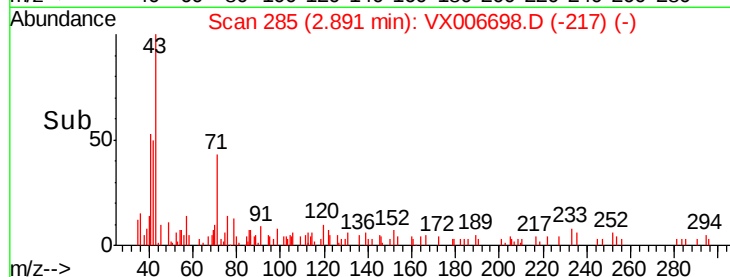
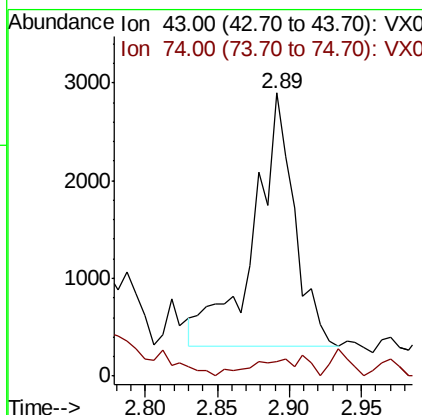
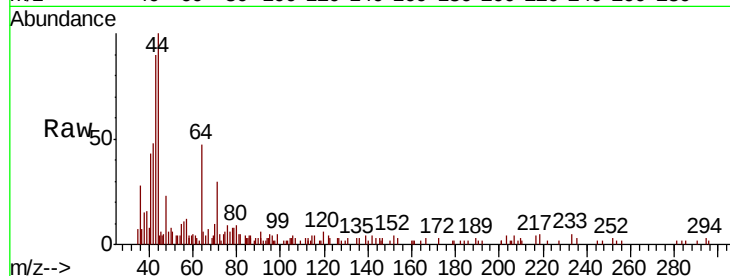




#18
Methyl Acetate
Concen: 0.533 ug/l
RT: 2.89 min Scan# 285
Delta R.T. 0.12 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

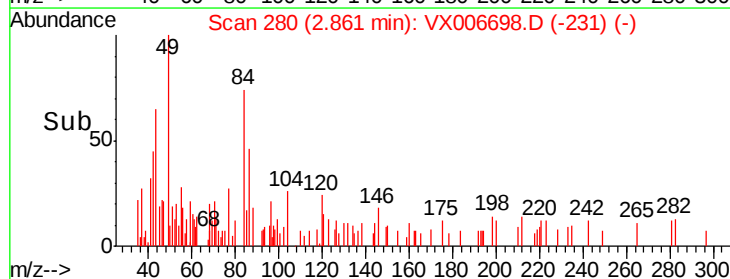
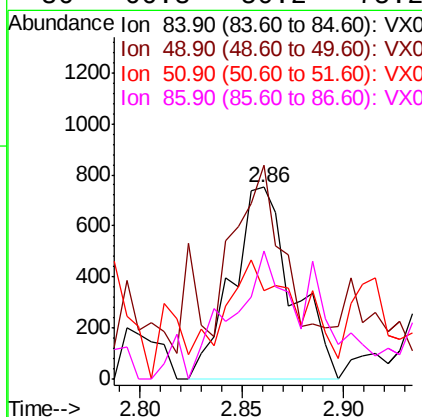
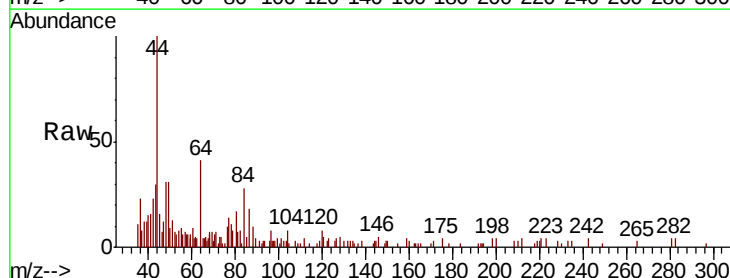
Instrument :
MSVOA_X
ClientSampleId :
S49-0499

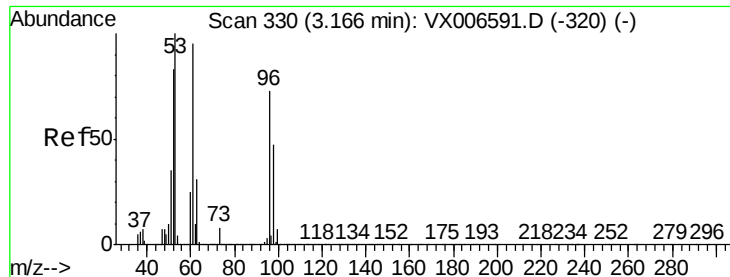
Tot Ion: 43 Resp: 5029
Ion Ratio Lower Upper
43 100
74 7.1 18.6 28.0#



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 84 Resp: 1545
Ion Ratio Lower Upper
84 100
49 83.8 91.8 137.6#
51 35.2 28.5 42.7
86 66.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 87.923 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

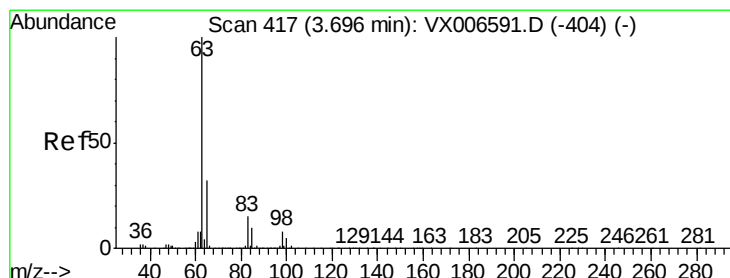
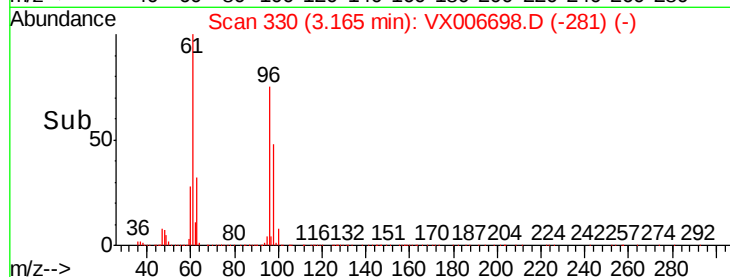
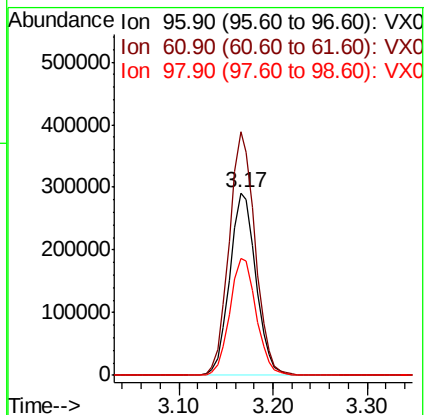
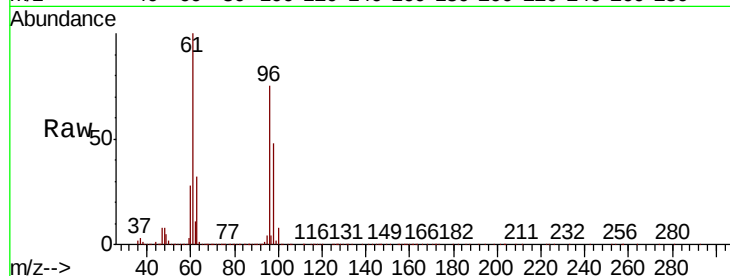
Tot Ion: 96 Resp: 563601

Ion Ratio Lower Upper

96 100

61 133.5 103.7 155.5

98 64.0 51.0 76.6



#24

1,1-Dichloroethane

Concen: 0.449 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

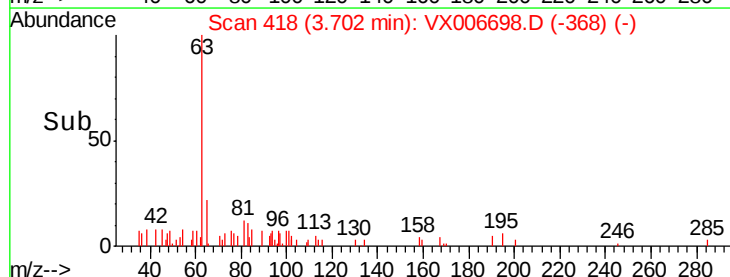
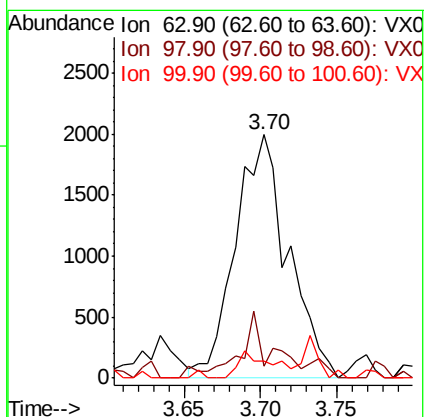
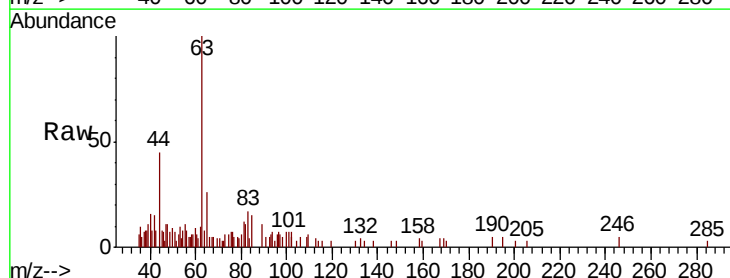
Tgt Ion: 63 Resp: 4775

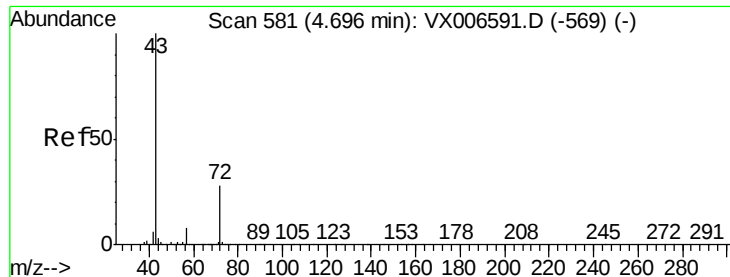
Ion Ratio Lower Upper

63 100

98 5.3 3.9 11.5

100 7.4 2.4 7.2#





#25

2-Butanone

Concen: 0.208 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

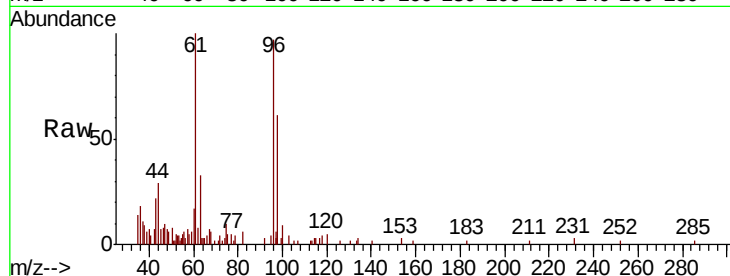
S49-0499

Tot Ion: 43 Resp: 937

Ion Ratio Lower Upper

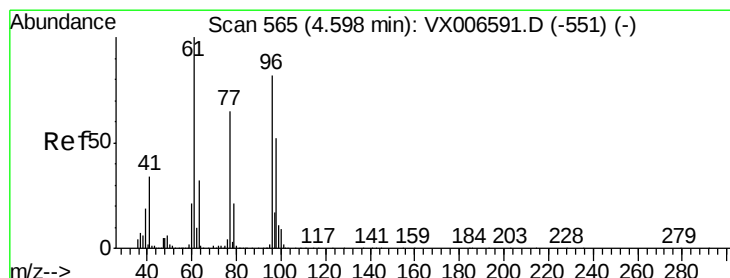
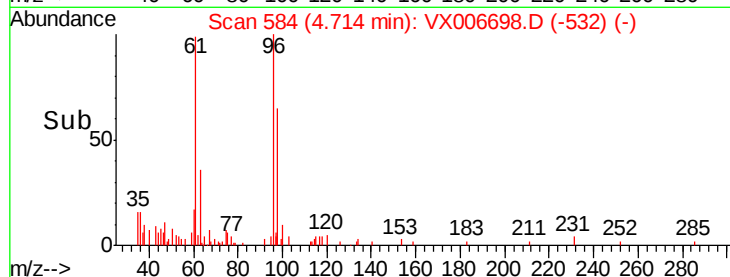
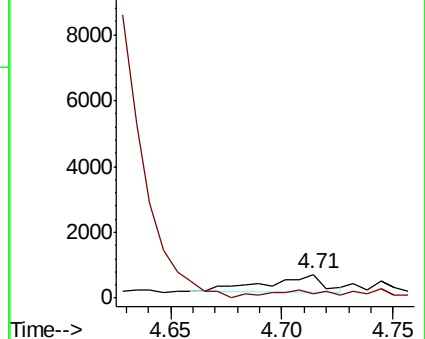
43 100

72 24.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 1187.925 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

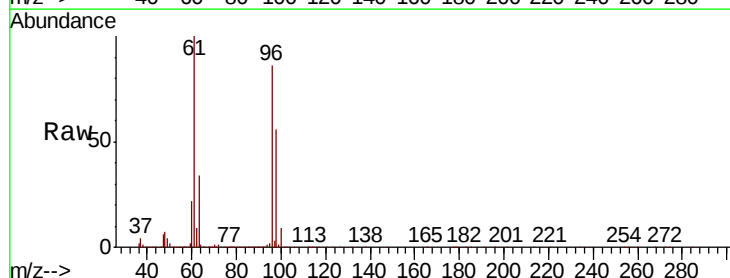
Tgt Ion: 96 Resp: 8401478

Ion Ratio Lower Upper

96 100

61 117.1 0.0 258.6

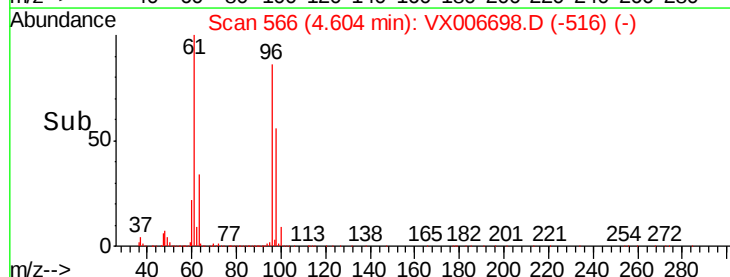
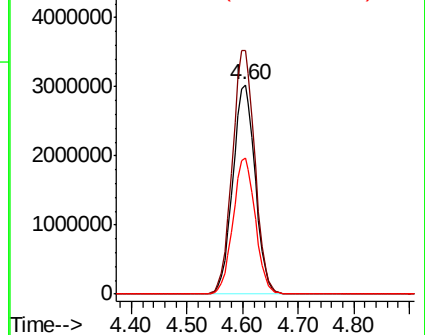
98 64.8 0.0 132.0

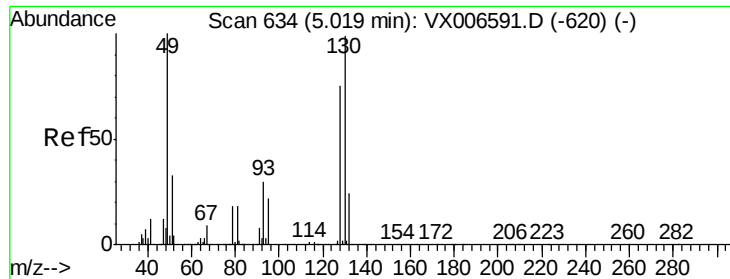


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

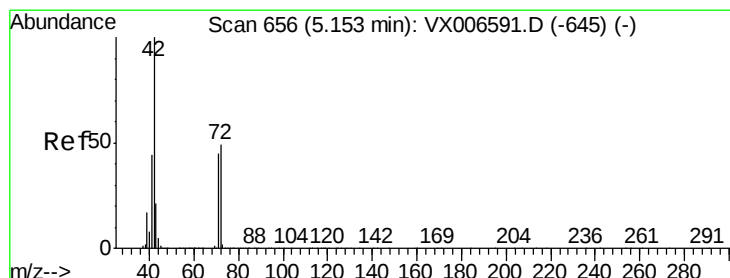
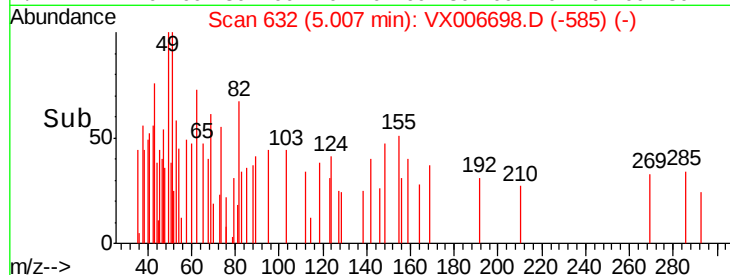
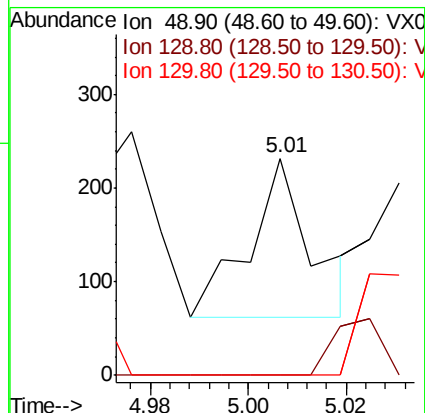
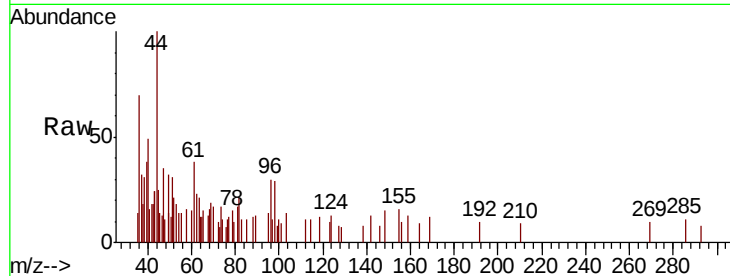
Tot Ion: 49 Resp: 150

Ion Ratio Lower Upper

49 100

129 27.3 0.0 5.4#

130 52.7 77.7 116.5#



#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

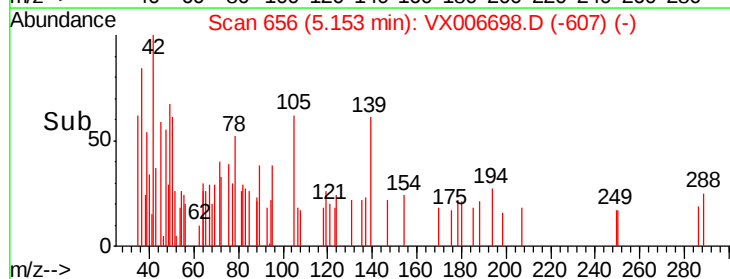
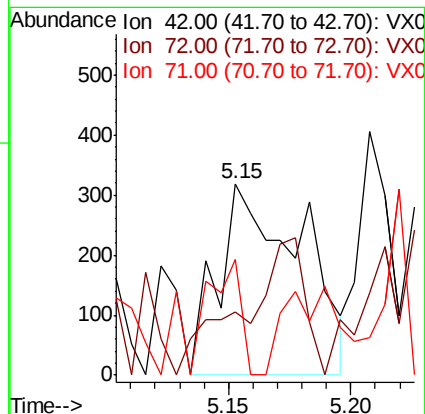
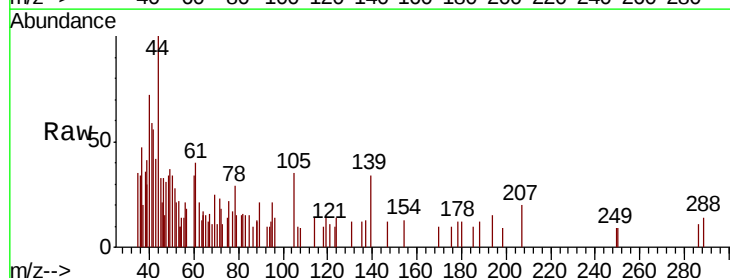
Tgt Ion: 42 Resp: 754

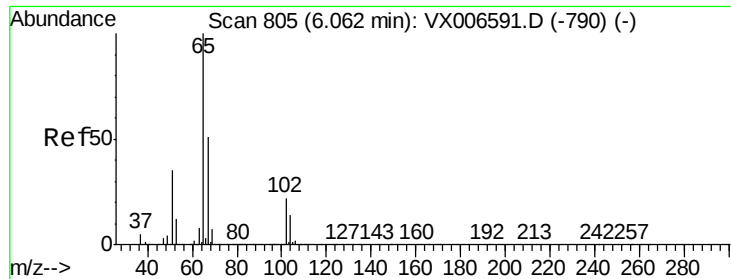
Ion Ratio Lower Upper

42 100

72 0.0 38.9 58.3#

71 30.4 36.2 54.4#





#33

1,2-Dichloroethane-d4

Concen: 50.669 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

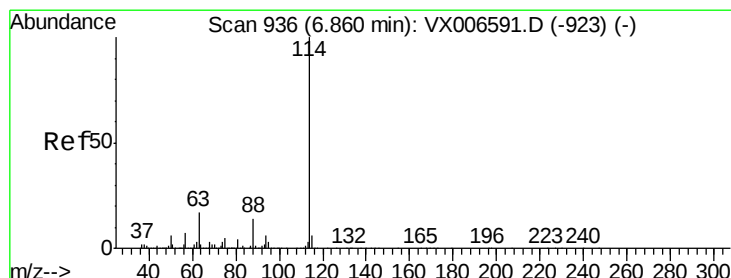
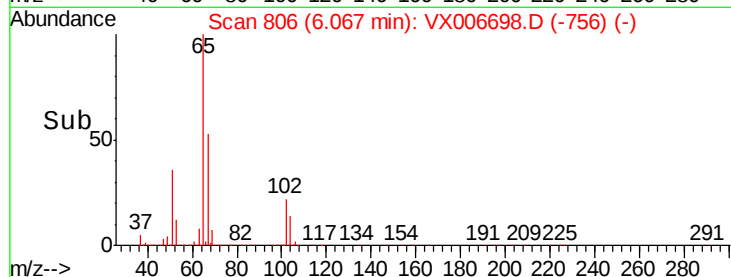
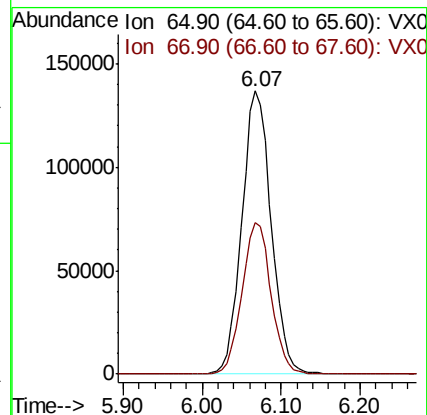
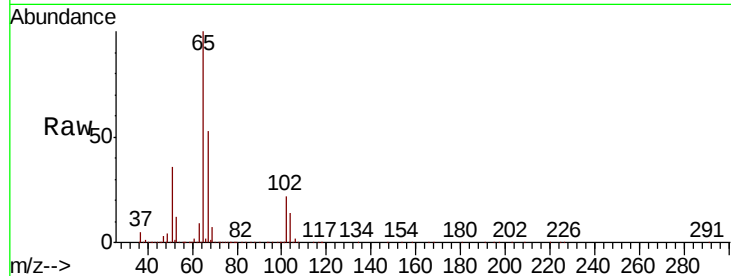
S49-0499

Tot Ion: 65 Resp: 353600

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

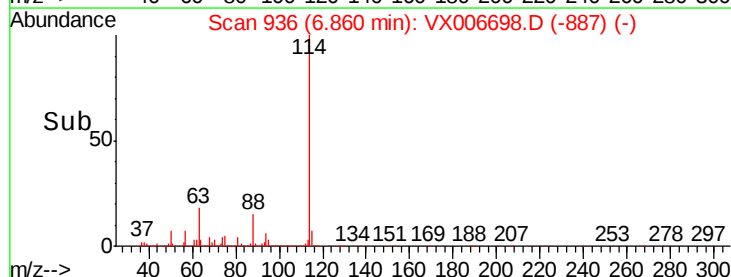
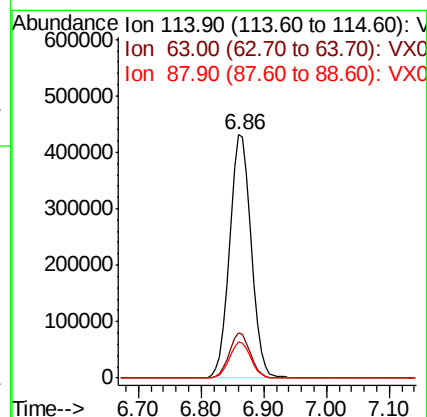
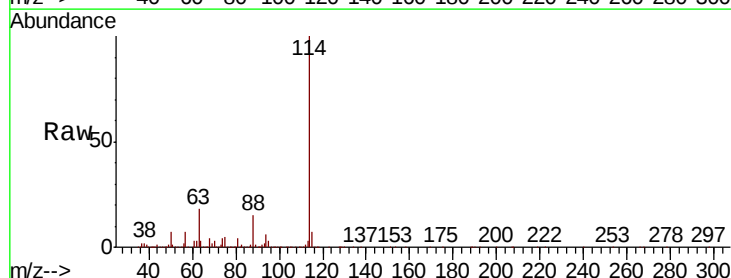
Tgt Ion: 114 Resp: 1029347

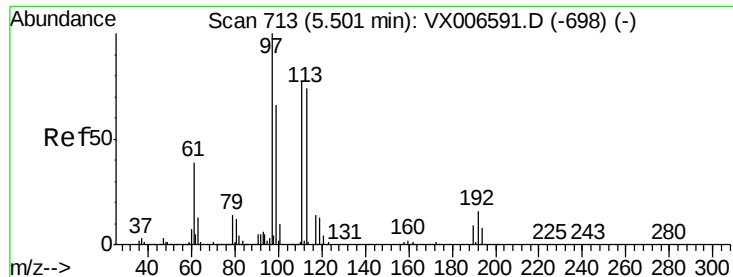
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.861 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

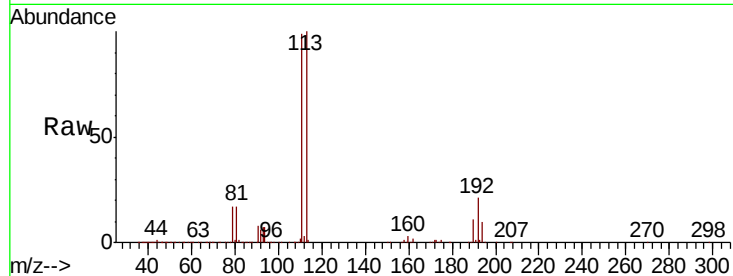
Tot Ion:113 Resp: 311548

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

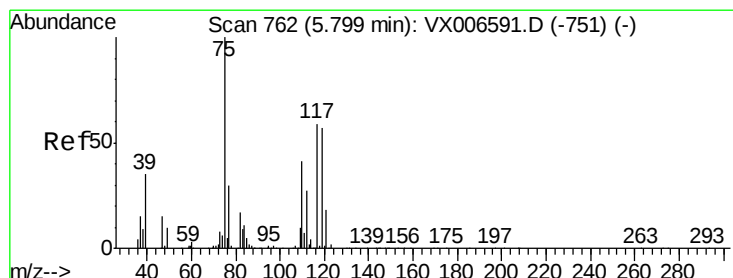
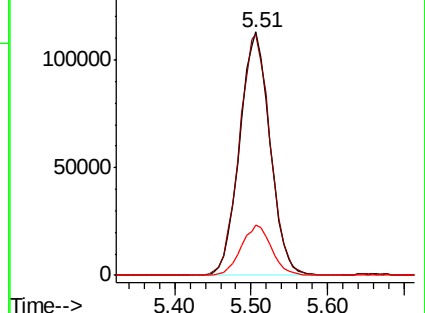
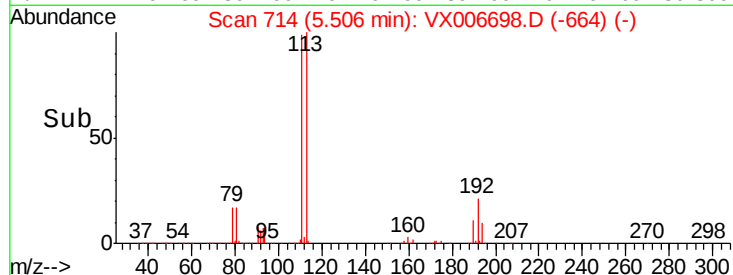
192 20.6 16.7 25.1



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: 5.188 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

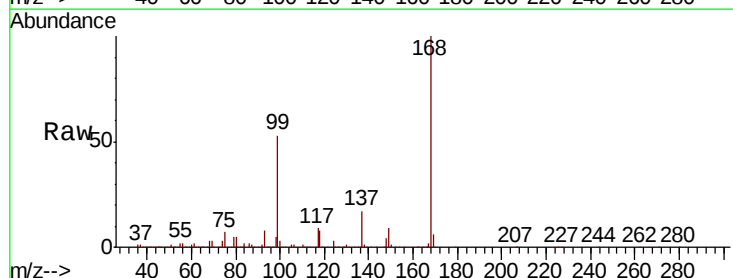
Tgt Ion: 75 Resp: 44226

Ion Ratio Lower Upper

75 100

110 10.7 20.2 60.5#

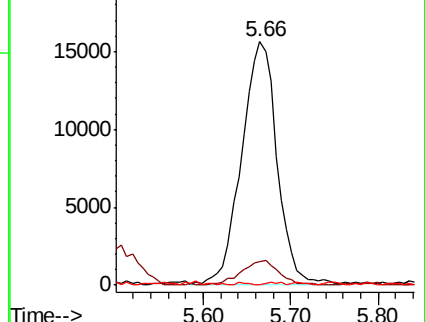
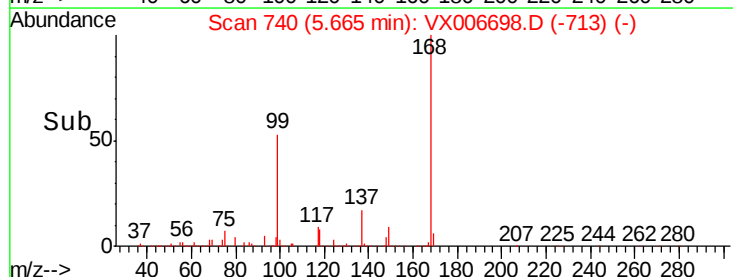
77 0.5 24.8 37.2#

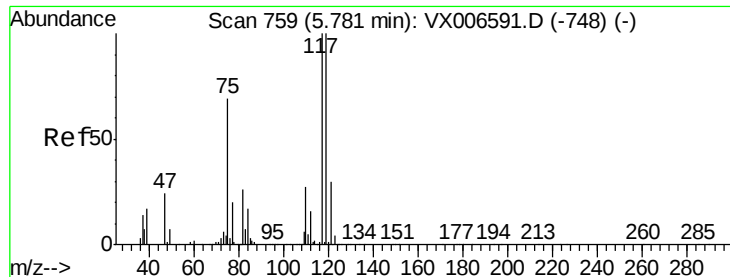


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.455 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

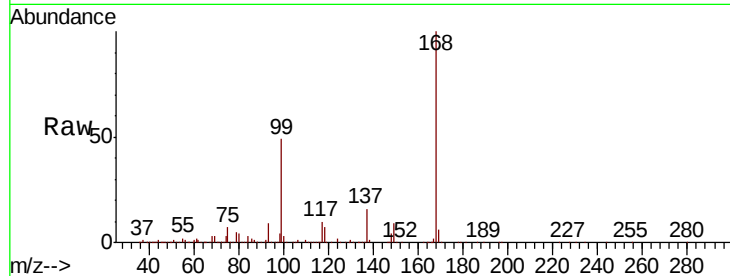
Tot Ion:117 Resp: 61766

Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

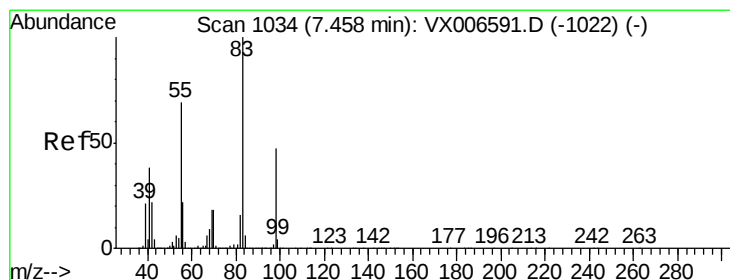
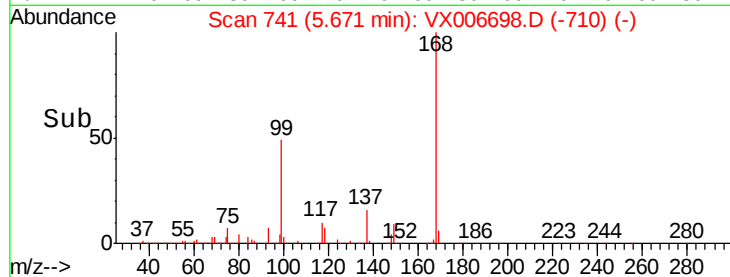
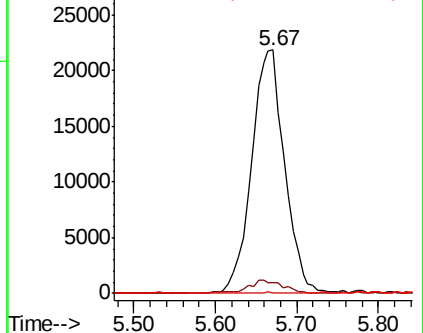
121 0.0 24.0 36.0#



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: 43.376 ug/l

RT: 7.23 min Scan# 997

Delta R.T. -0.23 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

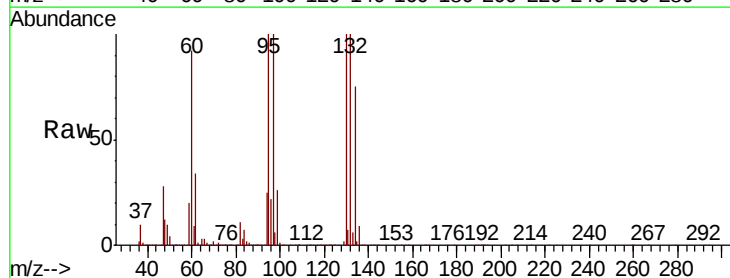
Tgt Ion: 83 Resp: 486849

Ion Ratio Lower Upper

83 100

55 0.1 54.9 82.3#

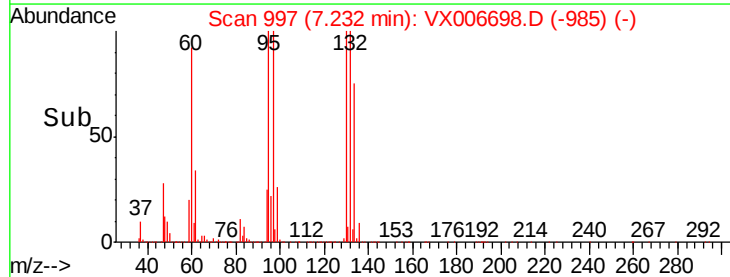
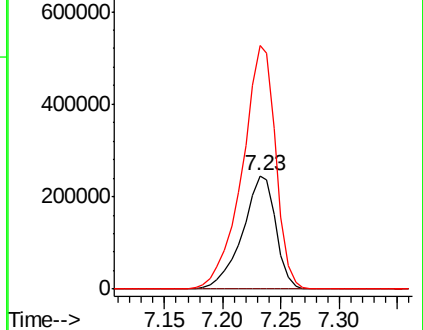
98 215.2 37.9 56.9#

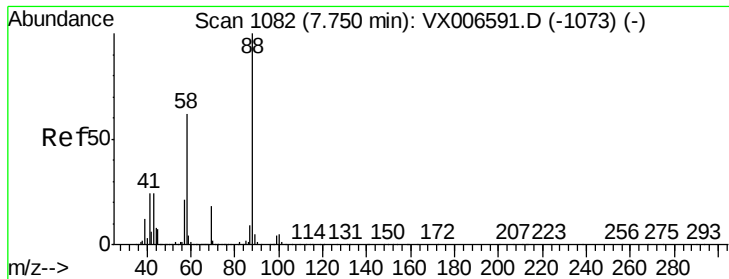


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

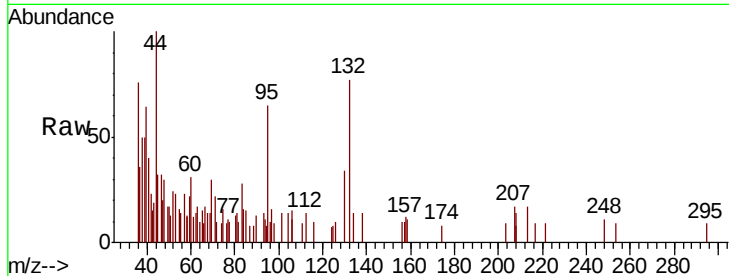




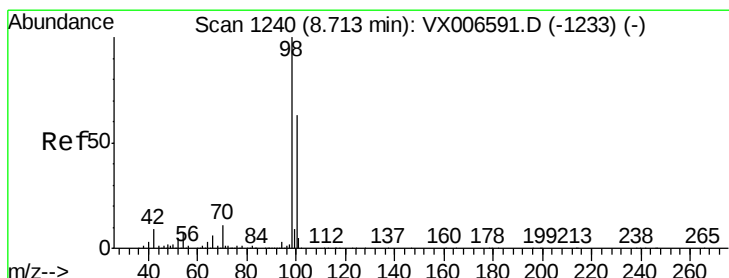
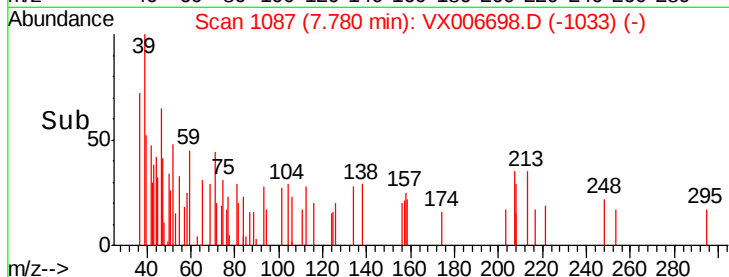
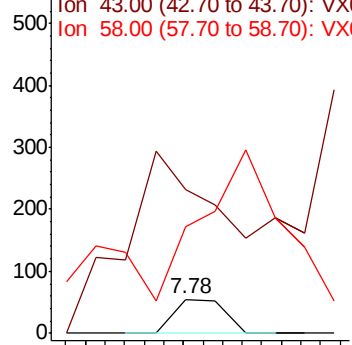
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.78 min Scan# 1087
Delta R.T. 0.03 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampled :
S49-0499

Tot Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
43 1056.4 22.2 33.4#
58 156.4 51.0 76.4#

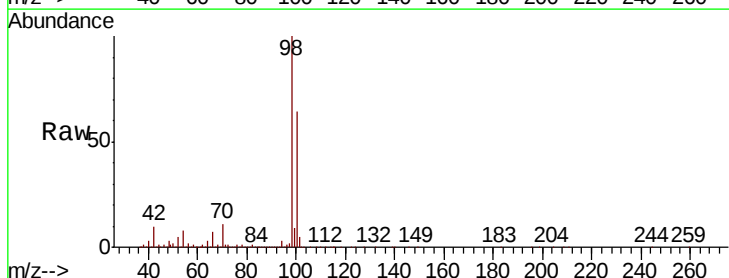


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

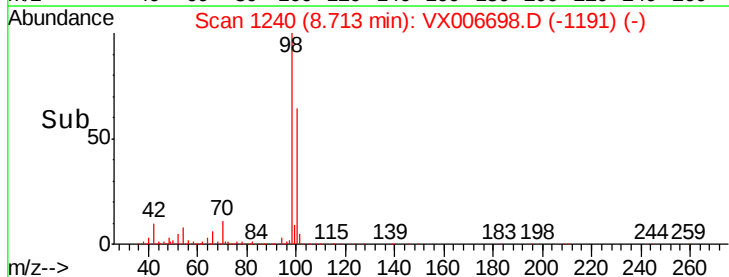
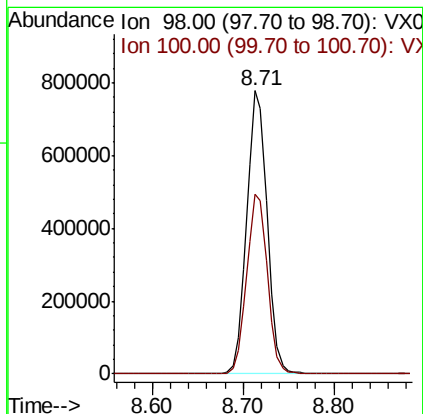


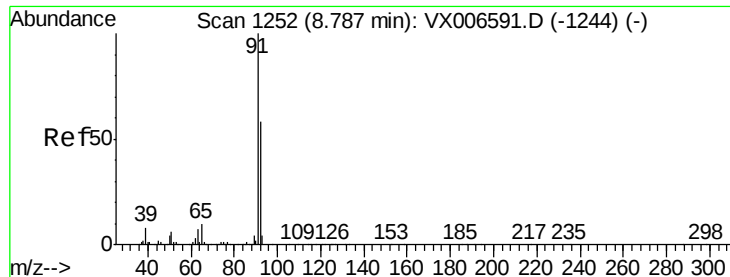
#50
Toluene-d8
Concen: 49.523 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion: 98 Resp: 1215336
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



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





#52

Toluene

Concen: 5.200 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

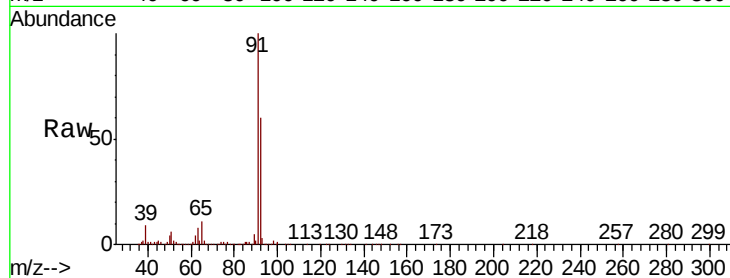
S49-0499

Tot Ion: 92 Resp: 87056

Ion Ratio Lower Upper

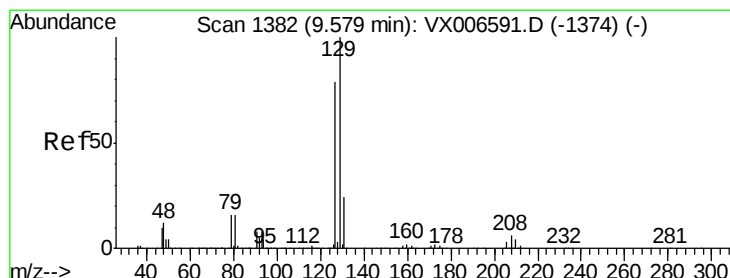
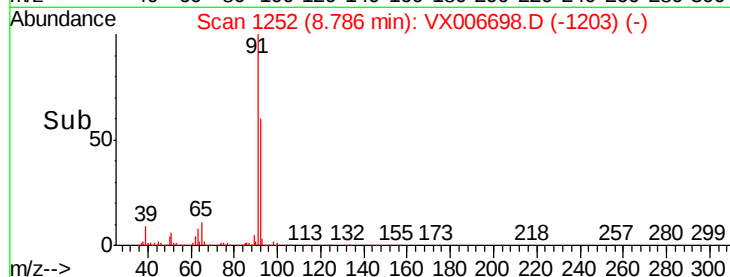
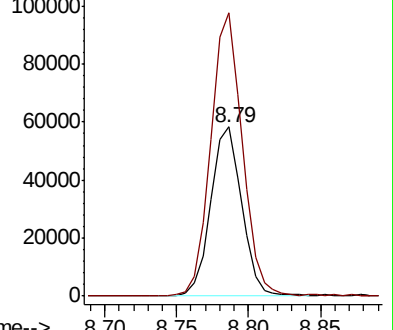
92 100

91 169.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#60

Dibromochloromethane

Concen: 2.992 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX006698.D

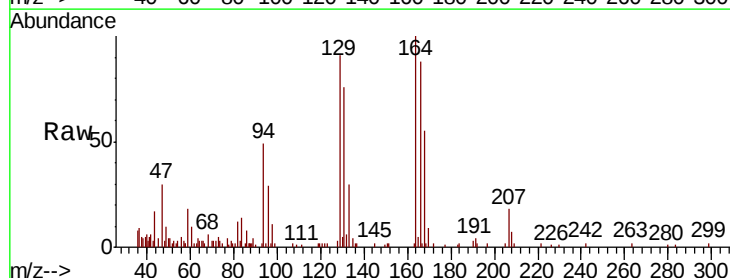
Acq: 21 Dec 2018 02:01

Tgt Ion: 129 Resp: 5016

Ion Ratio Lower Upper

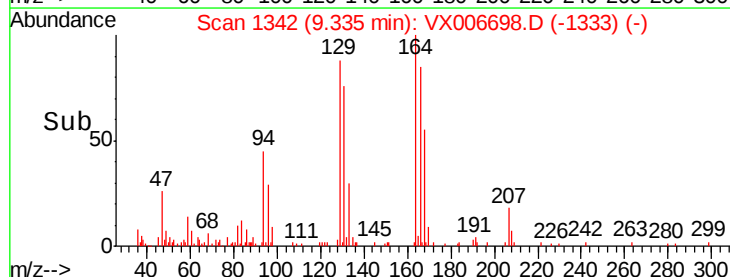
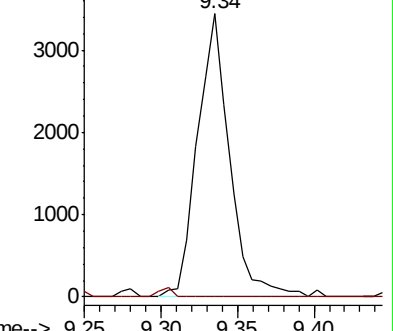
129 100

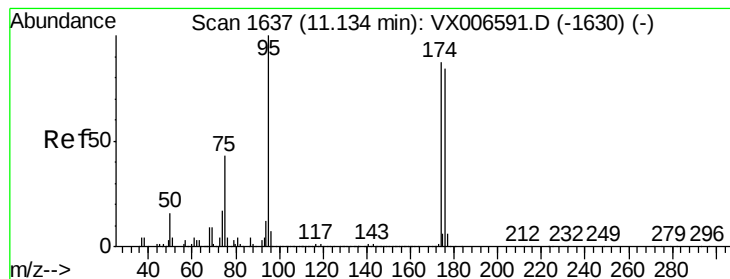
127 0.0 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 49.456 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

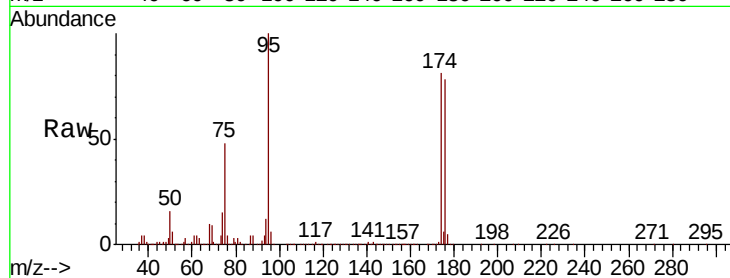
Tot Ion: 95 Resp: 444497

Ion Ratio Lower Upper

95 100

174 87.5 0.0 182.2

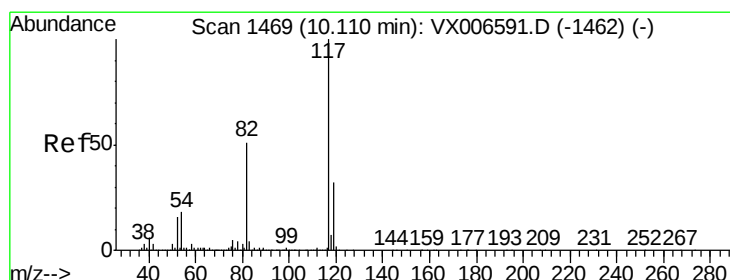
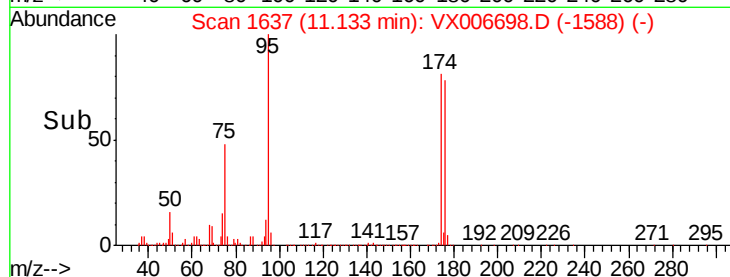
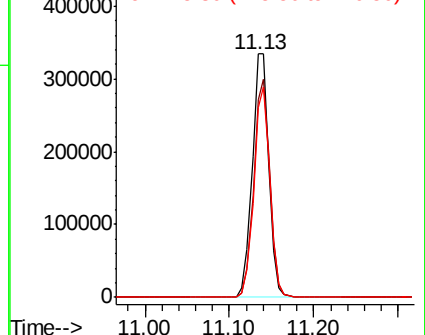
176 84.0 0.0 178.8



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. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

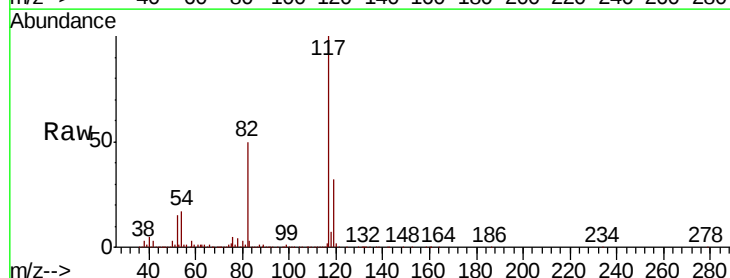
Tgt Ion: 117 Resp: 951227

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

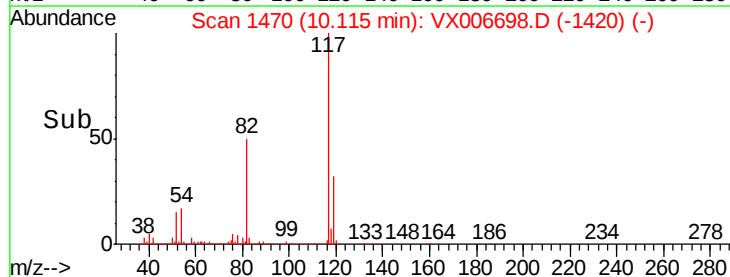
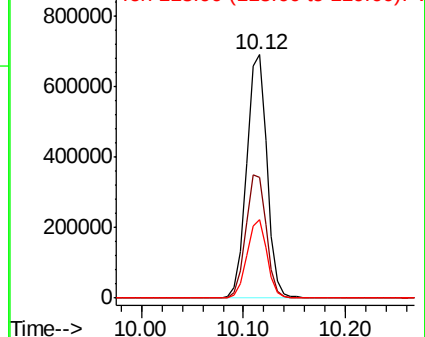
119 32.3 25.4 38.0

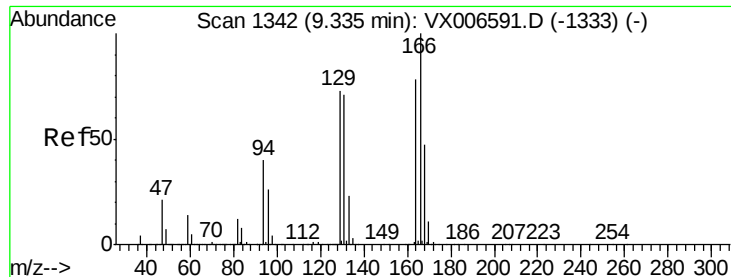


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.658 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

Tot Ion:164 Resp: 4959

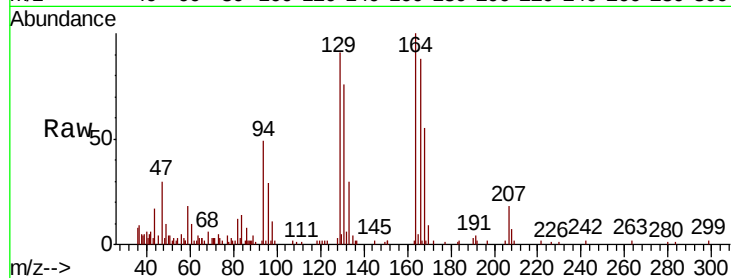
Ion Ratio Lower Upper

164 100

166 88.4 102.5 153.7#

129 90.7 75.1 112.7

131 75.6 72.7 109.1



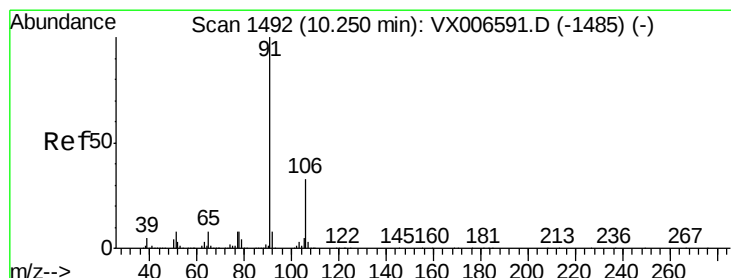
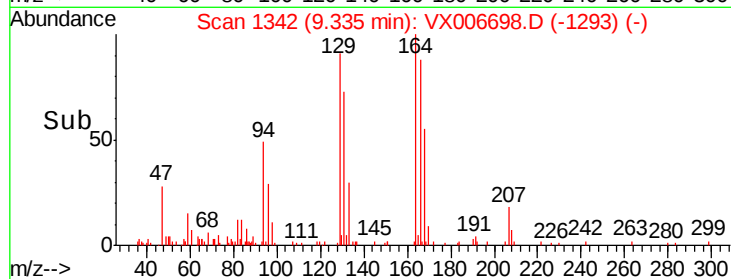
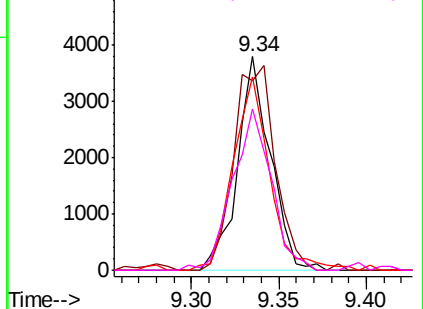
Abundance

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



#67

Ethyl Benzene

Concen: 0.464 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006698.D

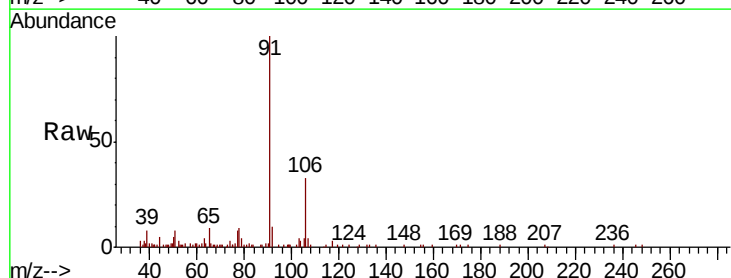
Acq: 21 Dec 2018 02:01

Tgt Ion: 91 Resp: 15259

Ion Ratio Lower Upper

91 100

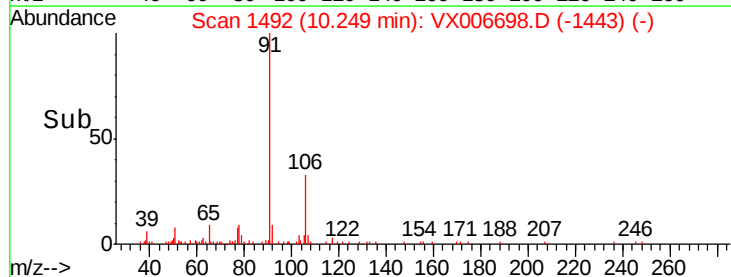
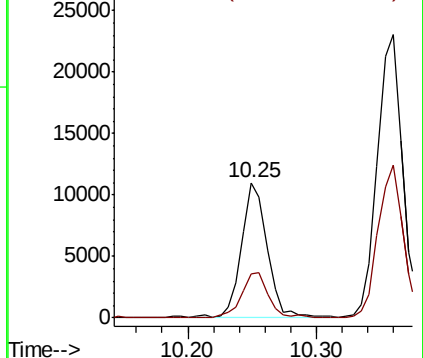
106 32.9 26.4 39.6

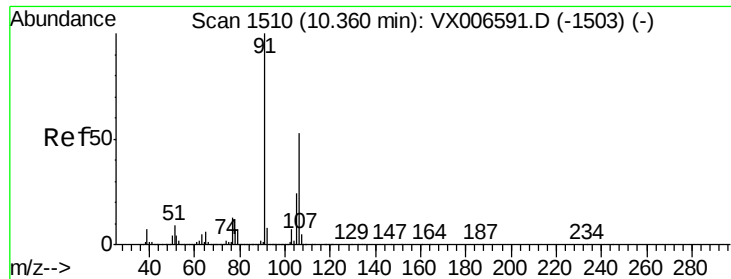


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.294 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

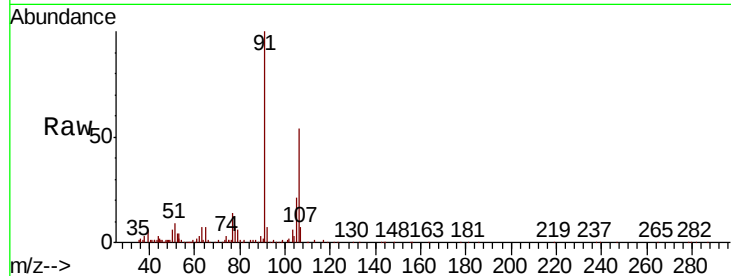
S49-0499

Tot Ion:106 Resp: 16787

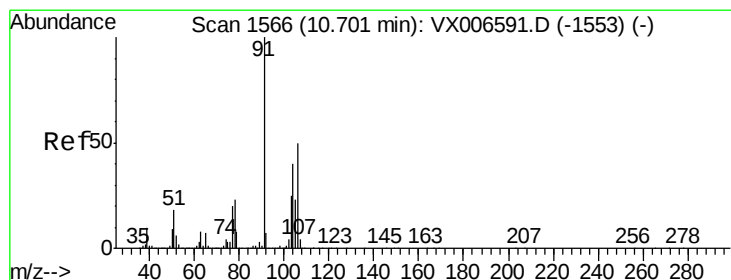
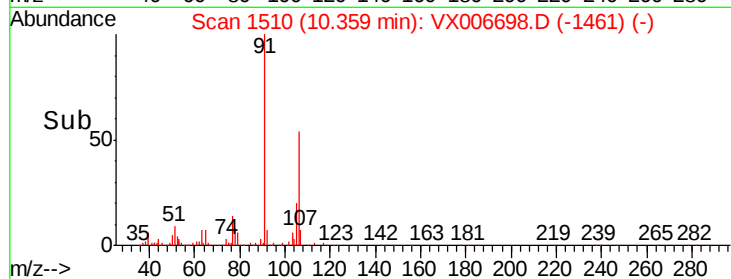
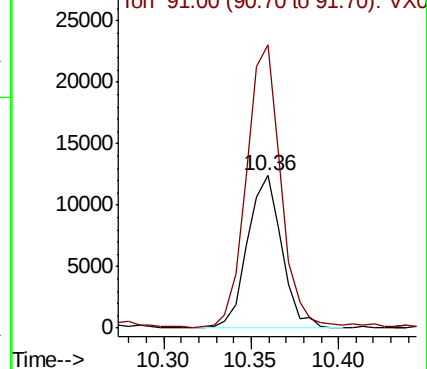
Ion Ratio Lower Upper

106 100

91 188.2 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.487 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006698.D

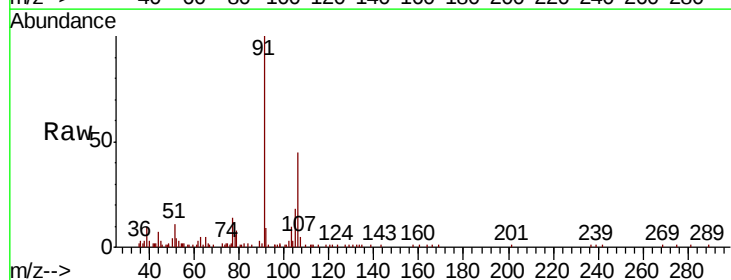
Acq: 21 Dec 2018 02:01

Tgt Ion:106 Resp: 6241

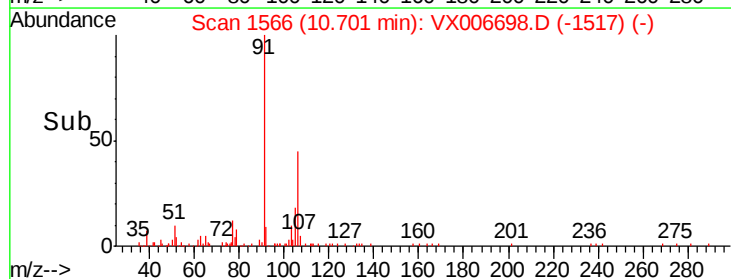
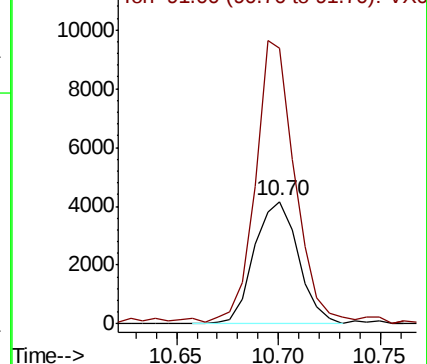
Ion Ratio Lower Upper

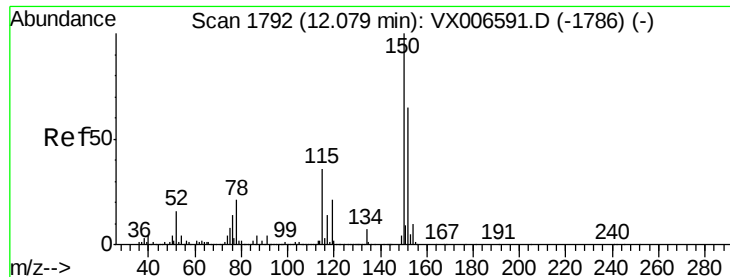
106 100

91 204.8 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V



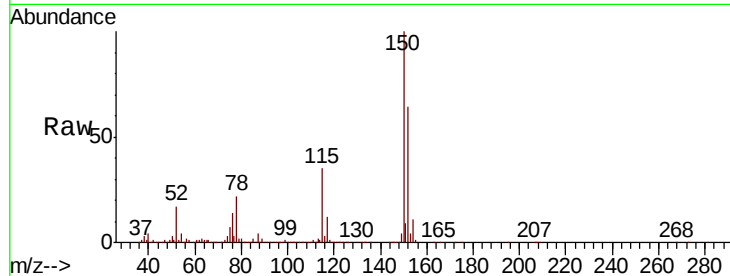


#72

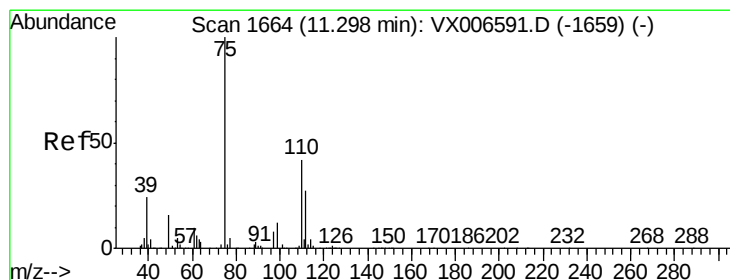
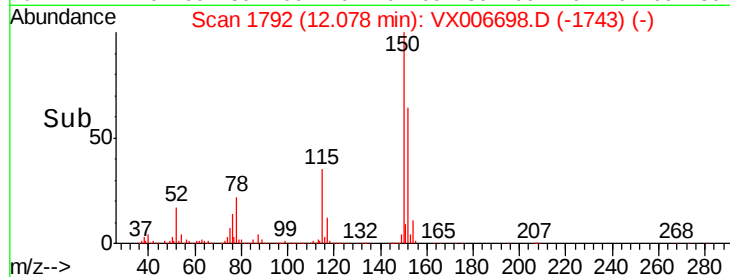
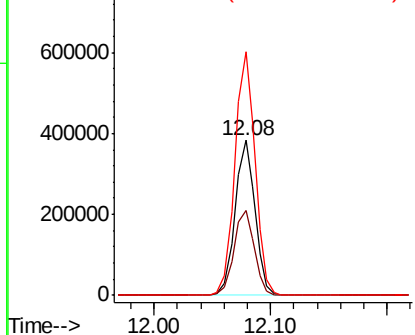
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Instrument :
MSVOA_X
ClientSampled :
S49-0499

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.1	117.2
150	159.2	0.0	344.8



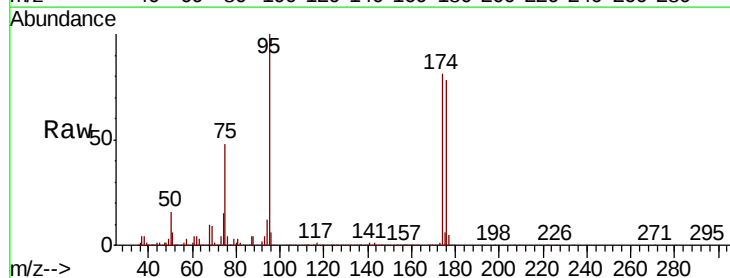
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



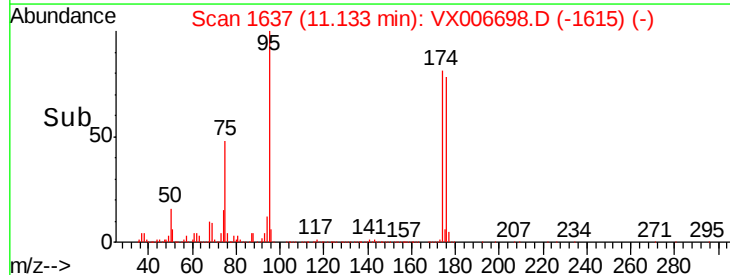
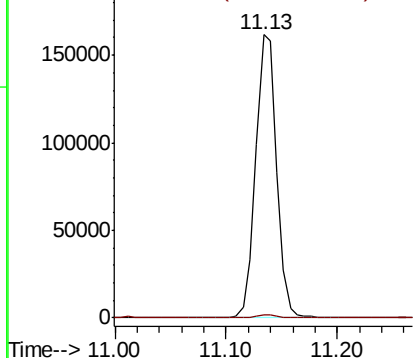
#76

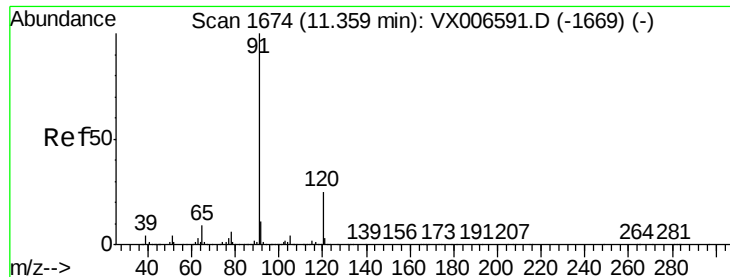
1,2,3-Trichloropropane
Concen: 24.899 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006698.D
Acq: 21 Dec 2018 02:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.5	55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.223 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

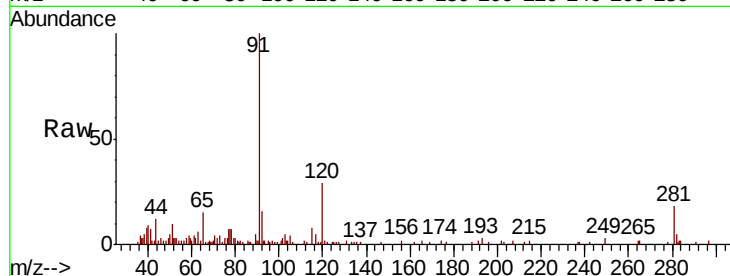
S49-0499

Tot Ion: 91 Resp: 7662

Ion Ratio Lower Upper

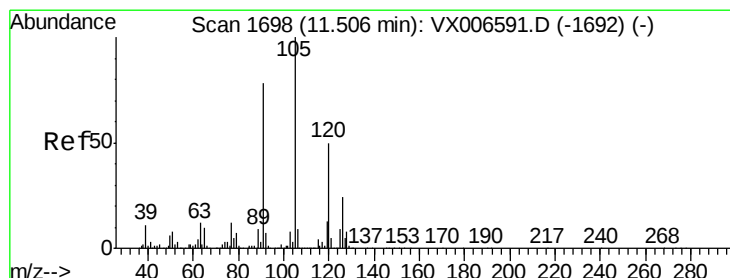
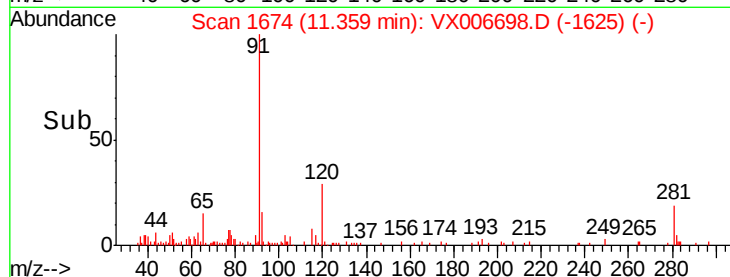
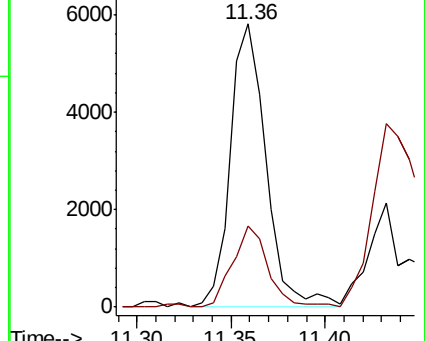
91 100

120 28.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.424 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006698.D

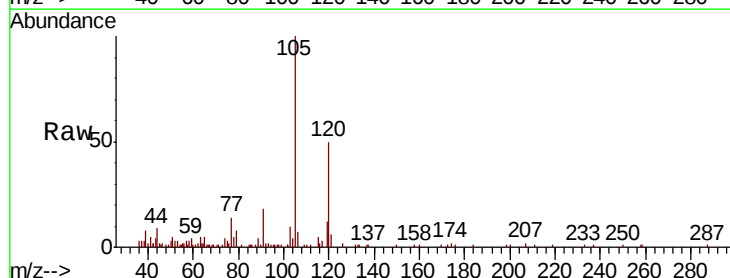
Acq: 21 Dec 2018 02:01

Tgt Ion:105 Resp: 10922

Ion Ratio Lower Upper

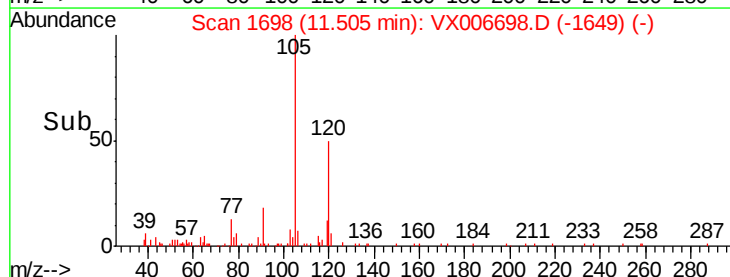
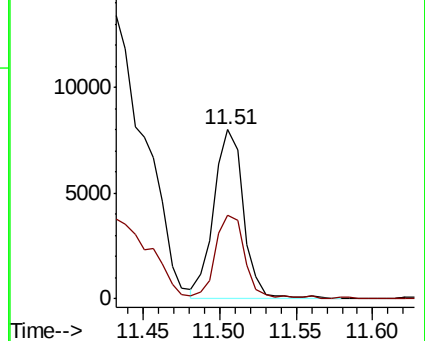
105 100

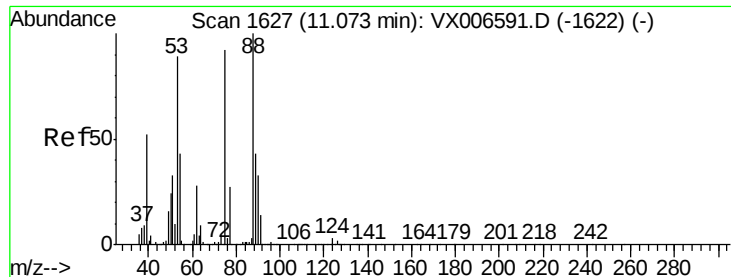
120 49.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

S49-0499

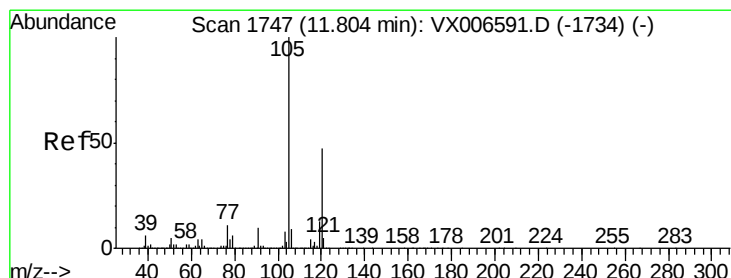
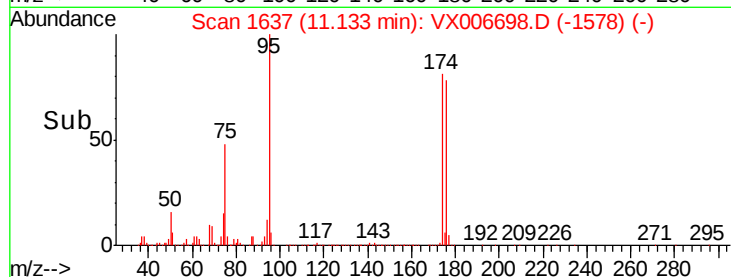
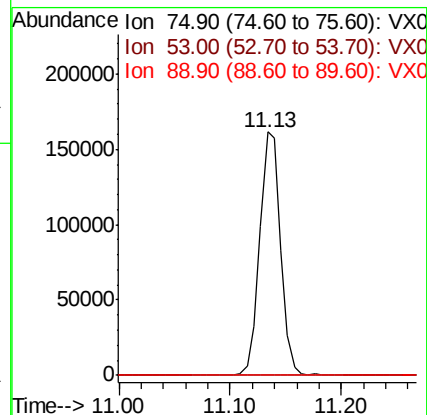
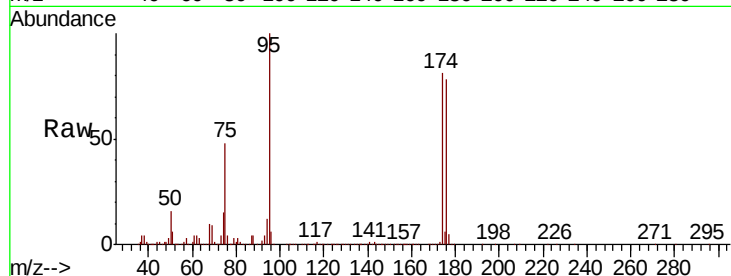
Tot Ion: 75 Resp: 211310

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.1 38.0 57.0#



#84

1,2,4-Trimethylbenzene

Concen: 1.203 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006698.D

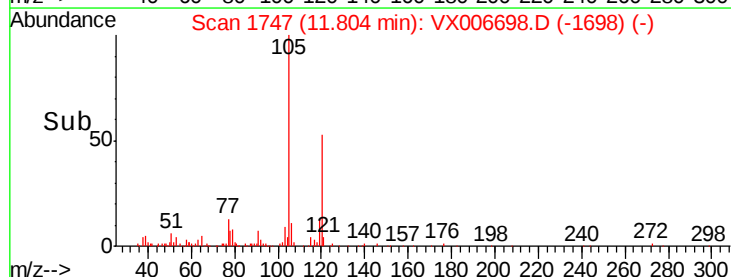
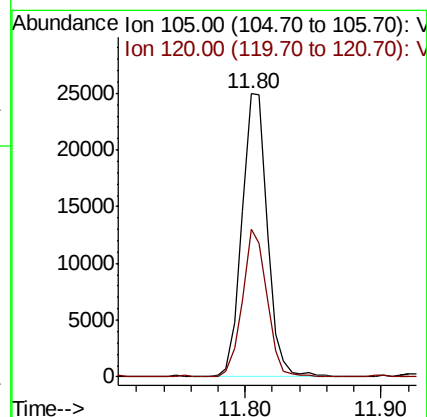
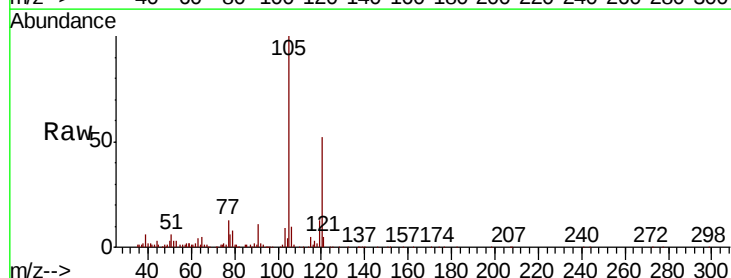
Acq: 21 Dec 2018 02:01

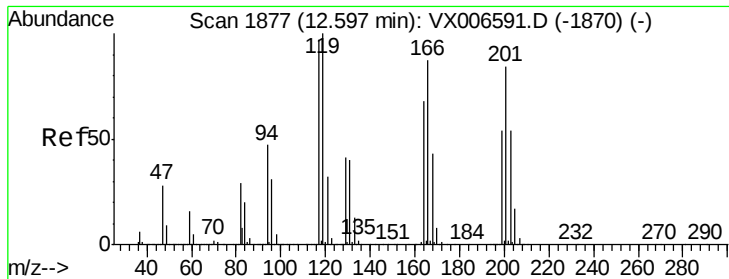
Tgt Ion:105 Resp: 32568

Ion Ratio Lower Upper

105 100

120 49.9 23.2 69.6





#90

Hexachloroethane

Concen: 3.444 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

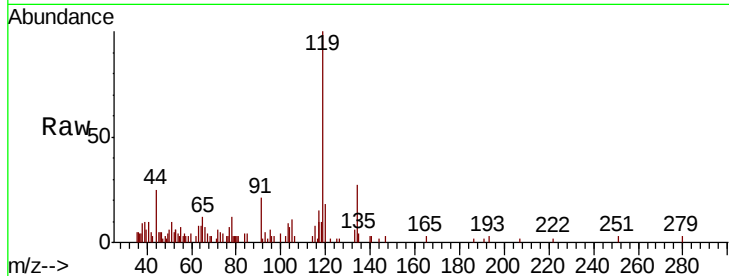
S49-0499

Tot Ion:117 Resp: 701

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.61

800

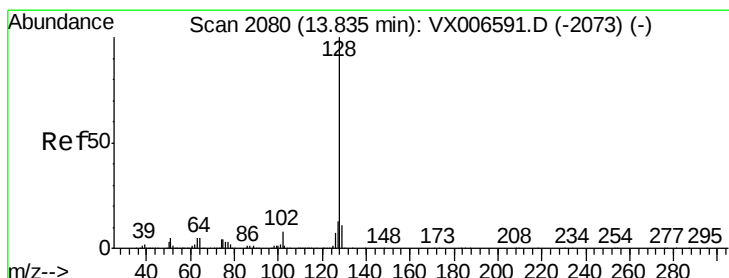
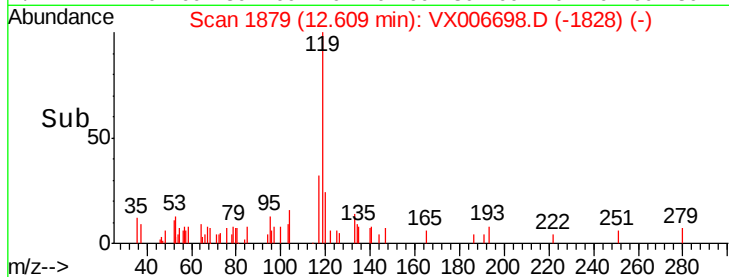
600

400

200

0

Time-->



#95

Naphthalene

Concen: 0.266 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006698.D

Acq: 21 Dec 2018 02:01

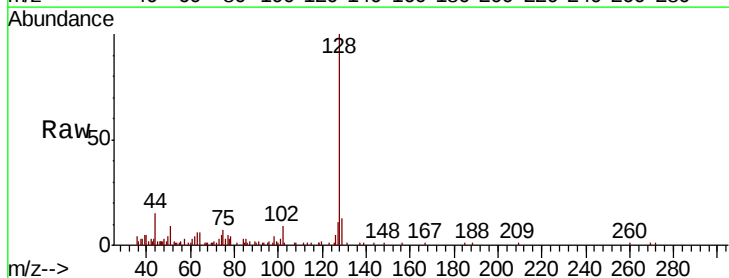
Tgt Ion:128 Resp: 8926

Ion Ratio Lower Upper

128 100

127 16.3 10.1 15.1#

129 15.7 8.6 13.0#



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

8000

6000

4000

2000

0

Time-->

