

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011177.D
 Acq On : 30 Jul 2019 04:40
 Operator : JC/SP
 Sample : K4021-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Quant Time: Jul 30 08:08:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137690	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	103327	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	5.49	113	96558	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.71	98	377521	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.13	95	130959	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78	0.585	ug/l #	43
3) Chloromethane	1.32	50	365	0.213	ug/l	94
5) Bromomethane	1.66	94	417	0.423	ug/l #	46
6) Chloroethane	1.76	64	278	0.250	ug/l #	41
8) Diethyl Ether	2.19	74	347	0.340	ug/l	94
11) Tert butyl alcohol	3.03	59	386	0.835	ug/l #	73
13) Acrolein	2.29	56	128	0.479	ug/l #	15
16) Acetone	2.45	43	8613	9.608	ug/l #	79
18) Methyl Acetate	2.78	43	1421	0.696	ug/l	98
20) Methylene Chloride	2.86	84	180906	95.229	ug/l	98
25) 2-Butanone	4.68	43	4765	3.703	ug/l	100
29) Tetrahydrofuran	5.12	42	342	0.420	ug/l #	29
30) Chloroform	5.21	83	1974	0.618	ug/l	97
31) Cyclohexane	5.66	56	3756	1.394	ug/l #	11
36) 1,1-Dichloropropene	5.66	75	12626	5.089	ug/l #	49
38) Carbon Tetrachloride	5.66	117	17425	6.740	ug/l #	16
43) Isopropyl Acetate	6.45	43	10224	2.448	ug/l	97
47) Bromodichloromethane	7.90	83	514	0.209	ug/l #	90
48) Methyl methacrylate	7.68	41	5025	2.469	ug/l #	10
49) 1,4-Dioxane	7.82	88	19	0.334	ug/l #	28
51) 4-Methyl-2-Pentanone	8.61	43	52158	19.263	ug/l #	49
52) Toluene	8.79	92	1063	0.213	ug/l	88
54) cis-1,3-Dichloropropene	8.62	75	27223	9.248	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	6605	2.026	ug/l #	43
59) 2-Hexanone	9.54	43	85713	40.813	ug/l #	51
60) Dibromochloromethane	9.59	129	60	2.552	ug/l	78
74) N-amyl acetate	10.83	43	733	0.206	ug/l #	13
76) 1,2,3-Trichloropropane	11.13	75	66929	26.937	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	2202	0.283	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	66929	66.793	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	2742	0.350	ug/l	93
85) sec-Butylbenzene	11.94	105	4549	0.508	ug/l	83
86) p-Isopropyltoluene	12.23	119	1796	0.217	ug/l	82
89) n-Butylbenzene	12.37	91	1537	0.217	ug/l #	52

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QLast Update : Wed Jul 24 05:39:23 2019
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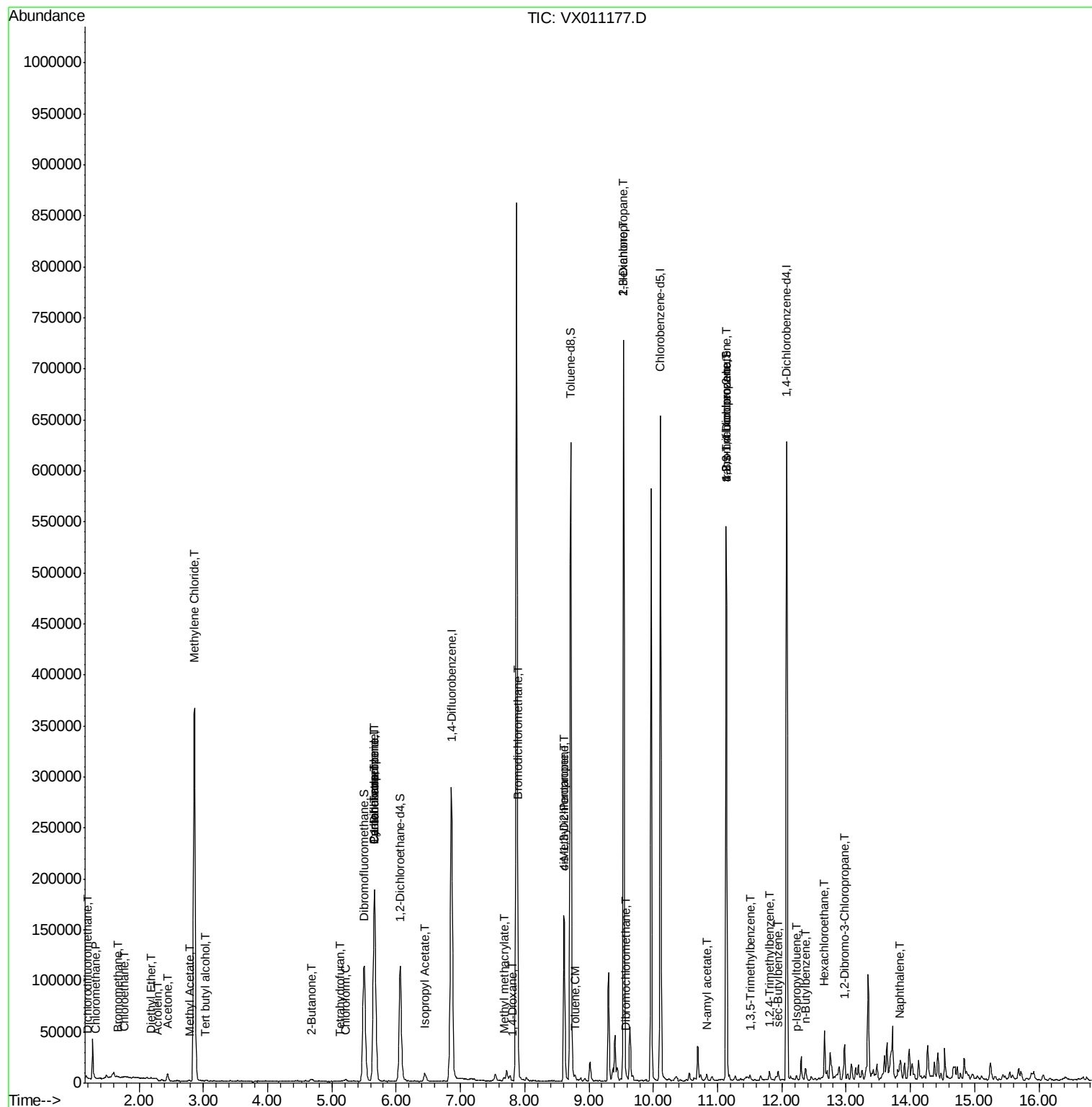
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.66	117	2281	1.748	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	262	0.412	ug/l #	1
95) Naphthalene	13.83	128	8344	0.945	ug/l #	78

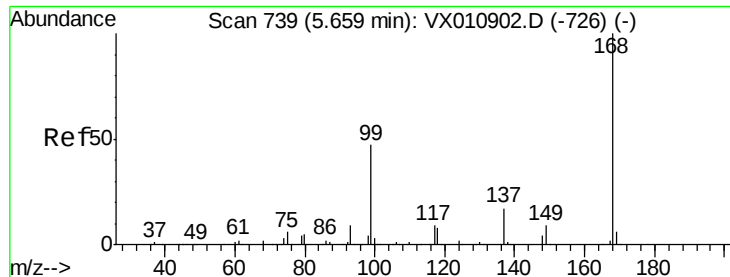
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampled :

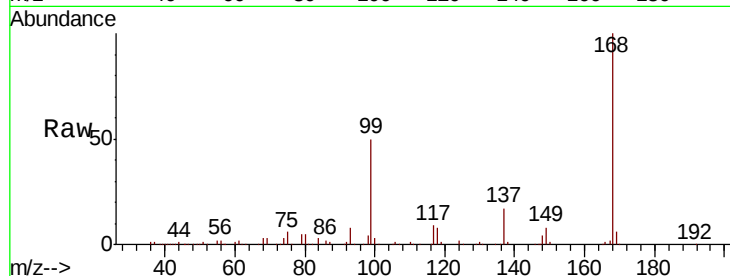
TP-10

Tot Ion:168 Resp: 186564

Ion Ratio Lower Upper

168 100

99 50.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

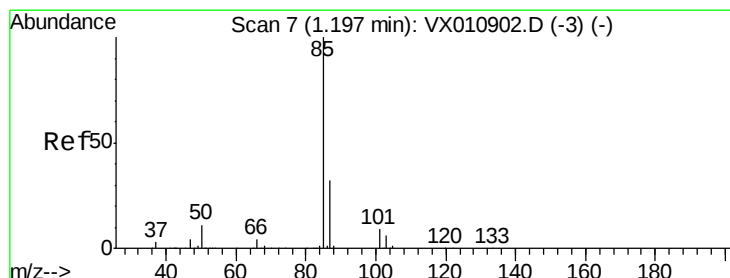
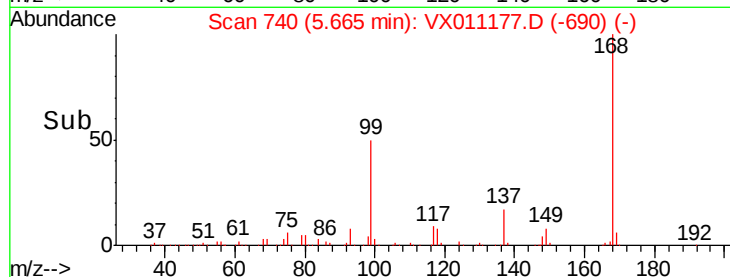
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.585 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011177.D

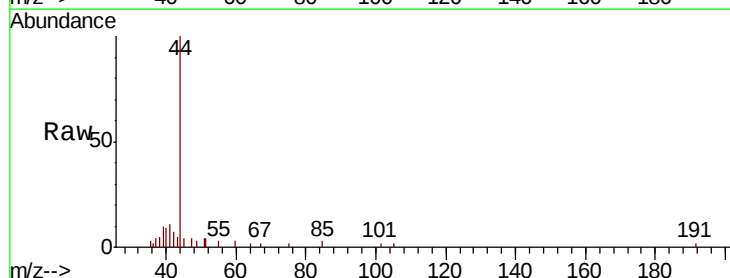
Acq: 30 Jul 2019 04:40

Tgt Ion: 85 Resp: 78

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100

80

60

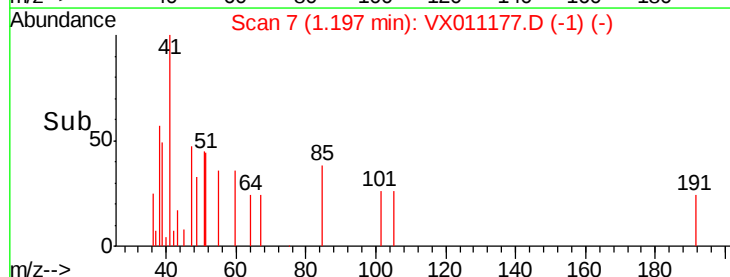
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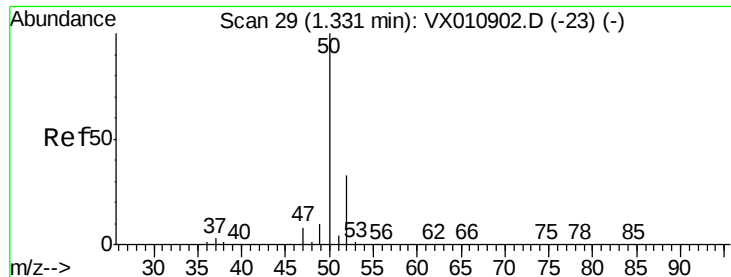
20

0

1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampled :

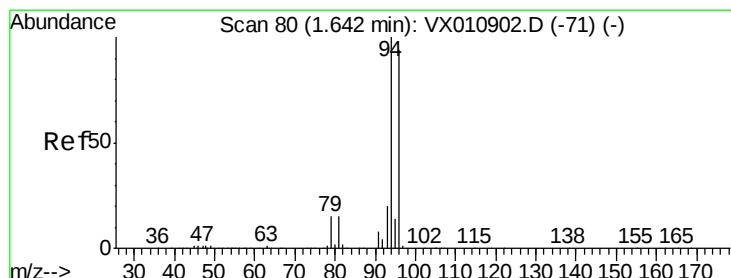
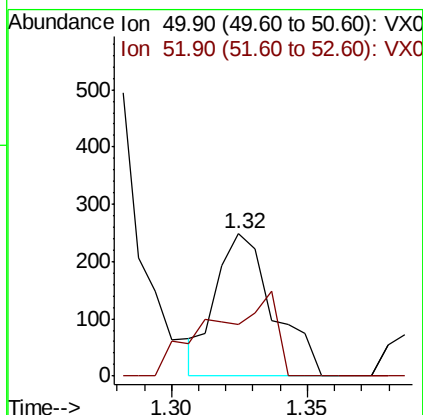
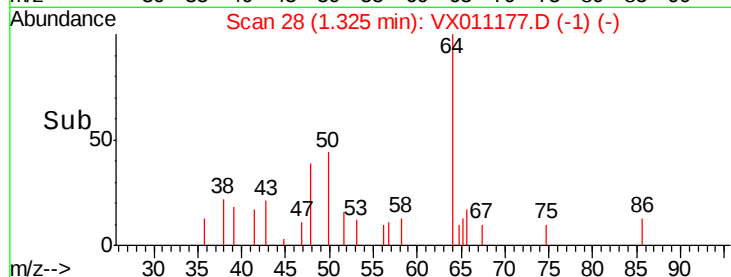
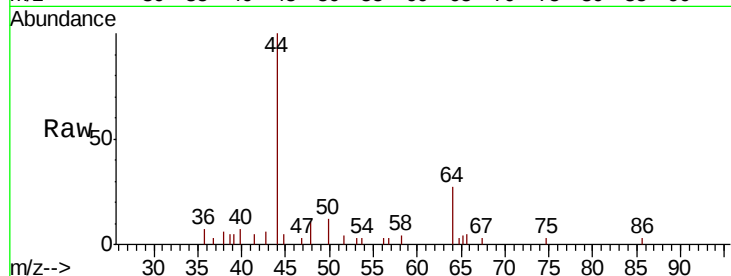
TP-10

Tot Ion: 50 Resp: 365

Ion Ratio Lower Upper

50 100

52 36.3 26.4 39.6



#5

Bromomethane

Concen: 0.423 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX011177.D

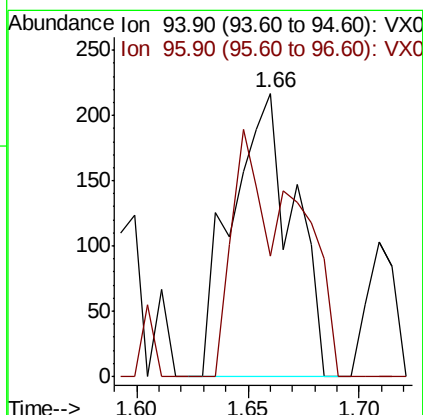
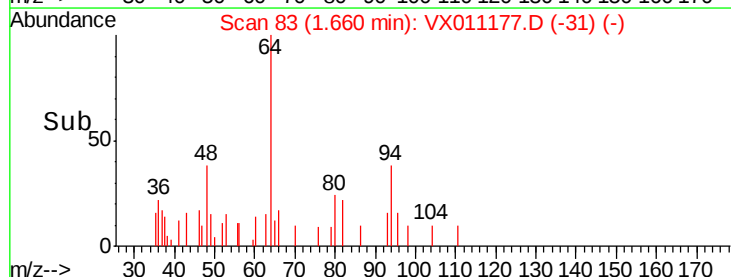
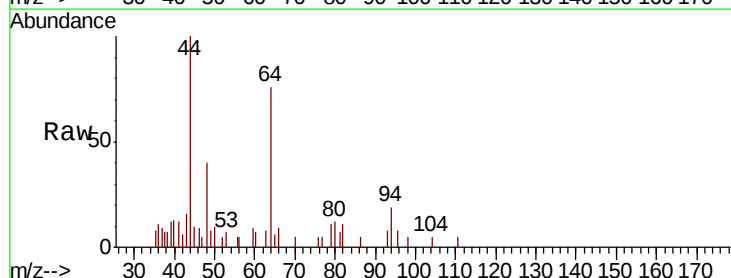
Acq: 30 Jul 2019 04:40

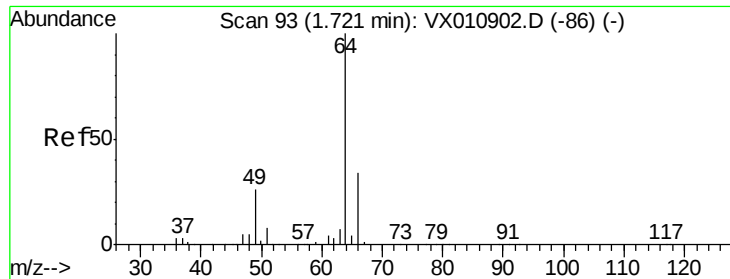
Tgt Ion: 94 Resp: 417

Ion Ratio Lower Upper

94 100

96 42.4 75.6 113.4#





#6

Chloroethane

Concen: 0.250 ug/l

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampled :

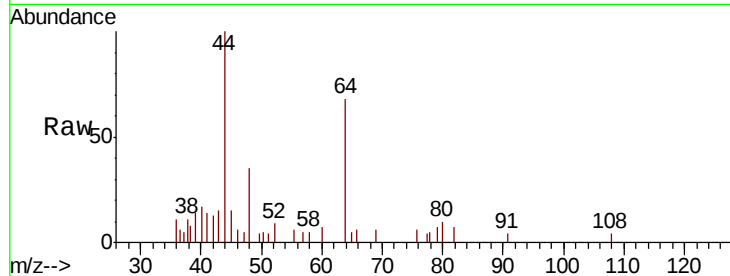
TP-10

Tot Ion: 64 Resp: 278

Ion Ratio Lower Upper

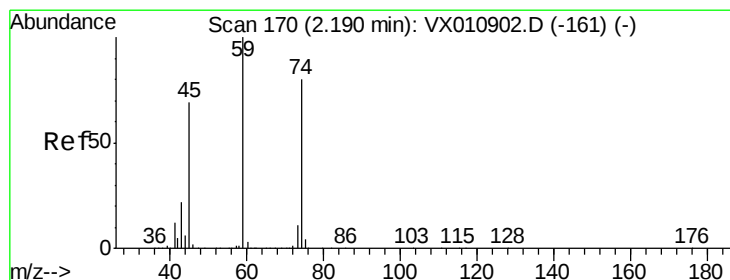
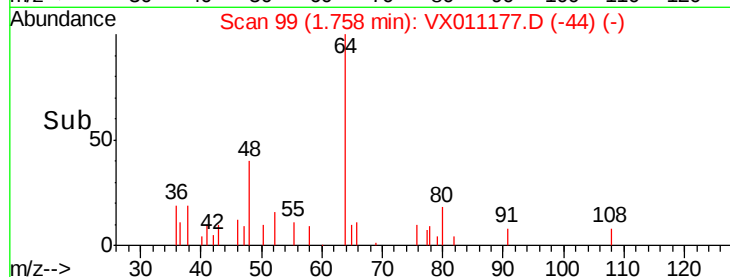
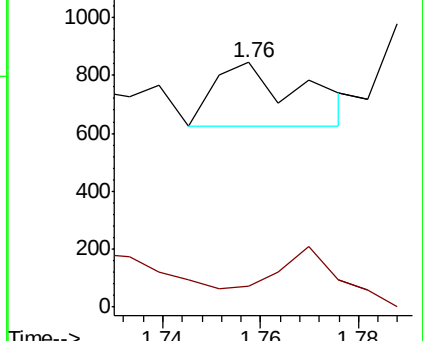
64 100

66 0.0 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.340 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX011177.D

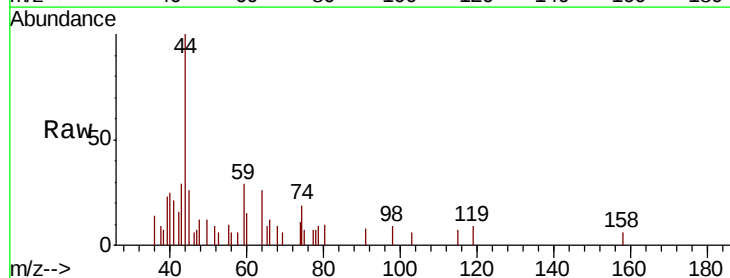
Acq: 30 Jul 2019 04:40

Tgt Ion: 74 Resp: 347

Ion Ratio Lower Upper

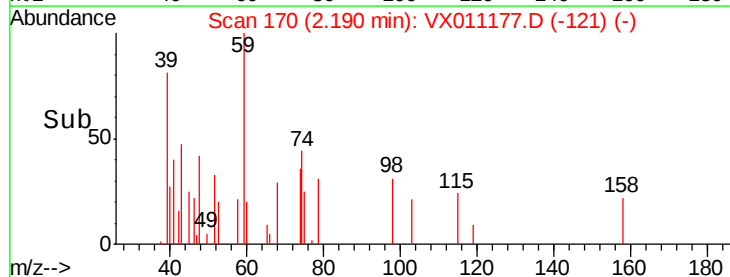
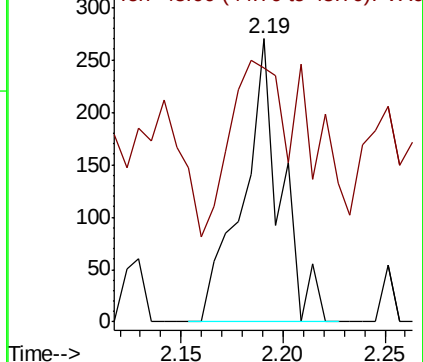
74 100

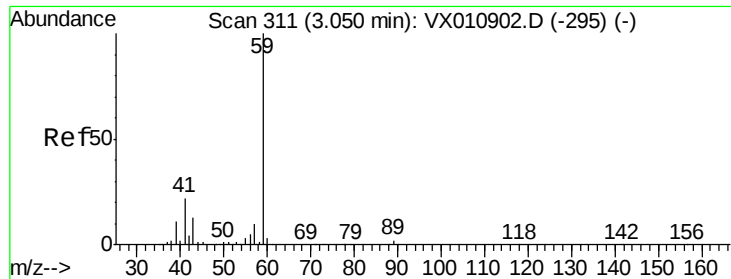
45 85.0 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



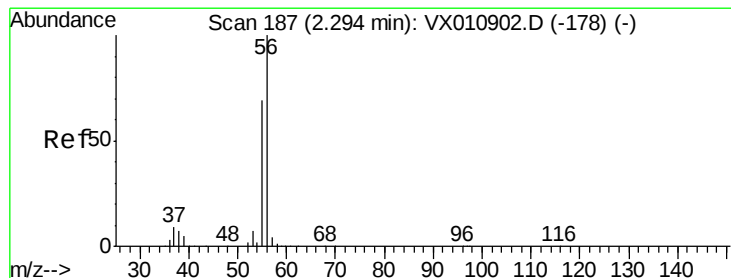
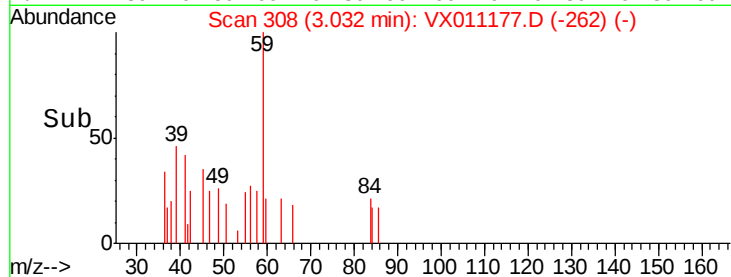
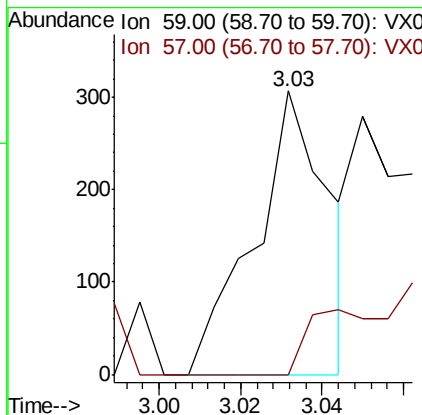
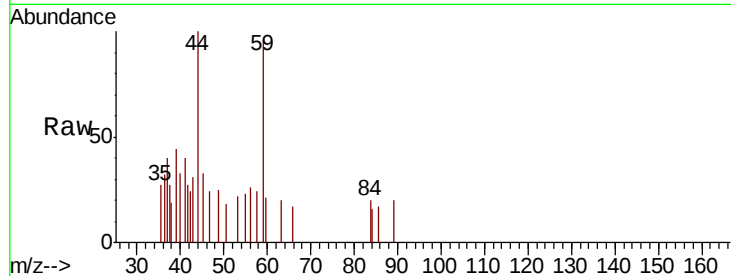


#11

Tert butyl alcohol
 Concen: 0.835 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.02 min
 Lab File: VX011177.D
 Acq: 30 Jul 2019 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

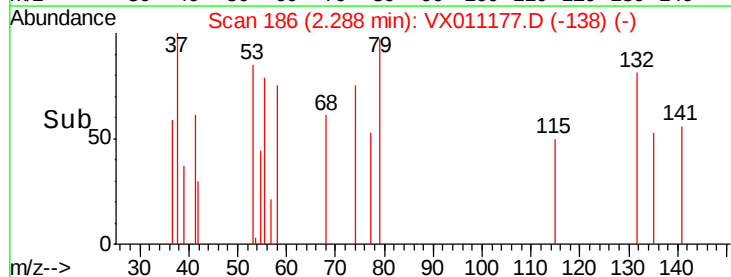
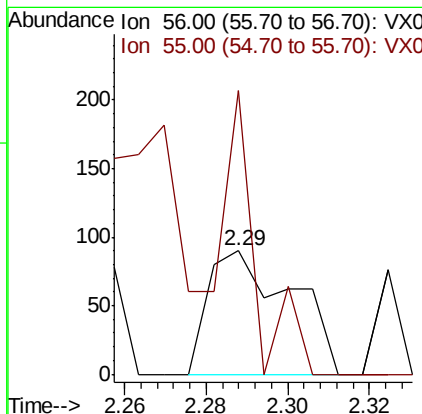
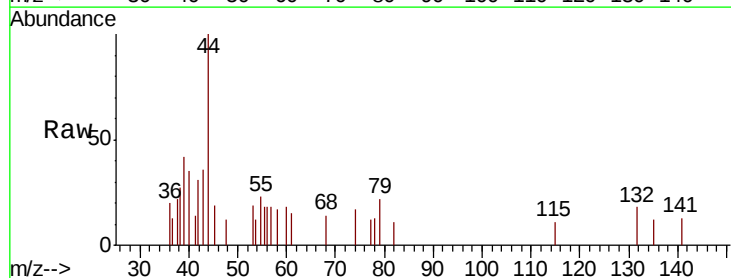
Tot Ion: 59 Resp: 386
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

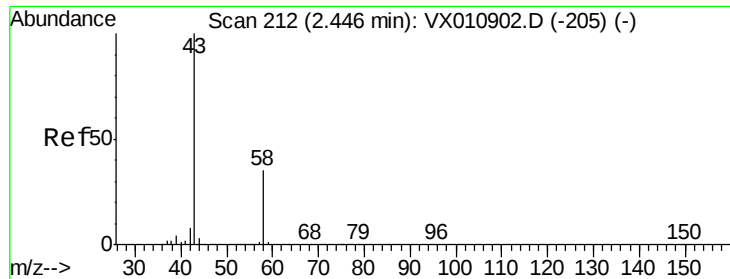


#13

Acrolein
 Concen: 0.479 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX011177.D
 Acq: 30 Jul 2019 04:40

Tgt Ion: 56 Resp: 128
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.9 83.9#





#16

Acetone

Concen: 9.608 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

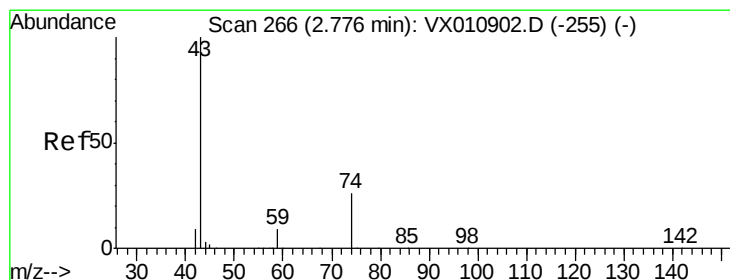
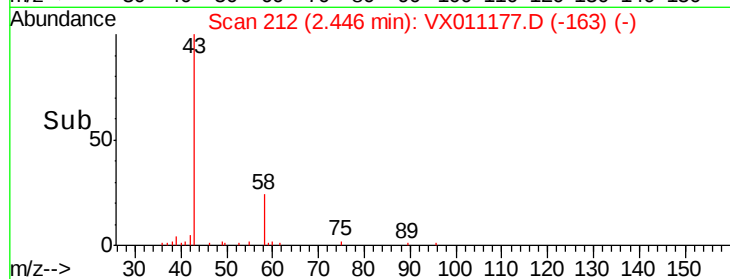
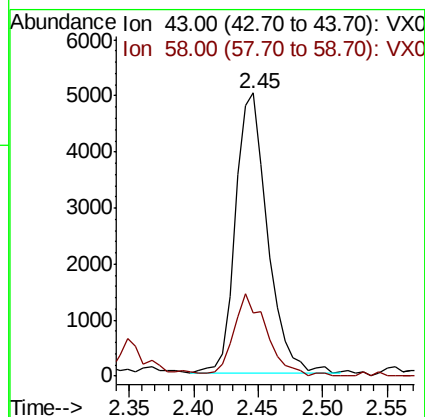
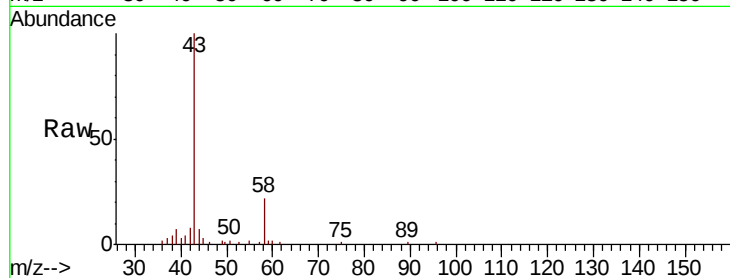
TP-10

Tot Ion: 43 Resp: 8613

Ion Ratio Lower Upper

43 100

58 22.7 27.7 41.5#



#18

Methyl Acetate

Concen: 0.696 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX011177.D

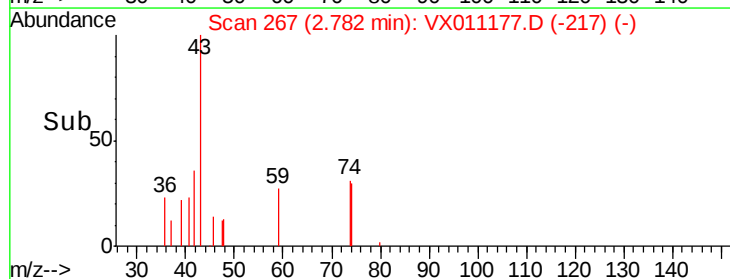
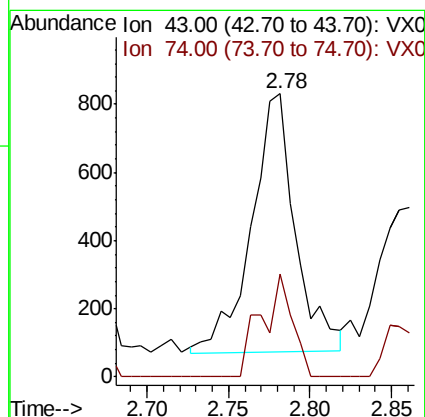
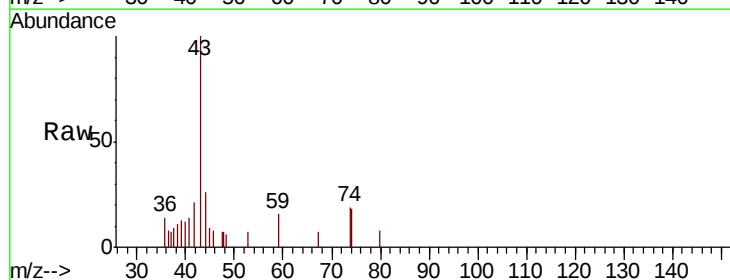
Acq: 30 Jul 2019 04:40

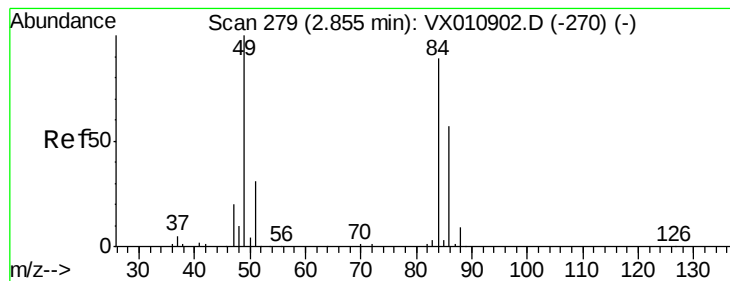
Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

74 27.8 21.5 32.3





#20

Methylene Chloride

Concen: 95.229 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

TP-10

Tot Ion: 84 Resp: 180906

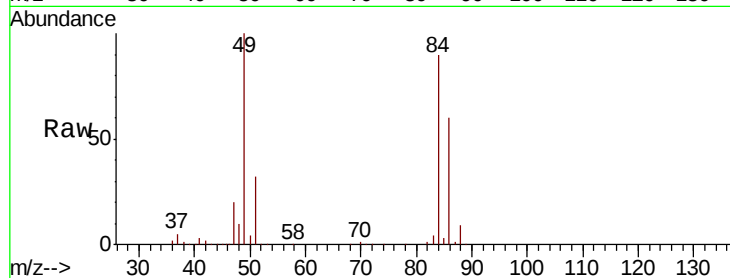
Ion Ratio Lower Upper

84 100

49 110.6 89.9 134.9

51 34.9 27.8 41.6

86 66.2 51.8 77.6

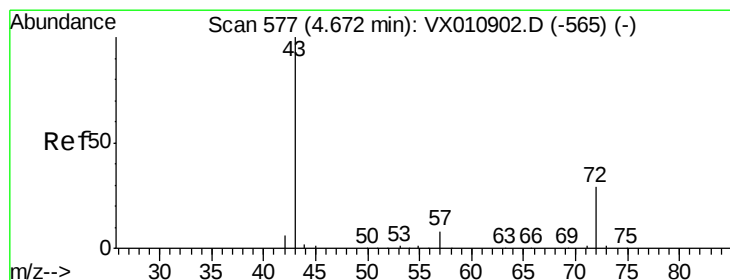
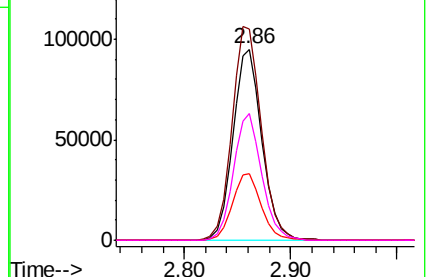
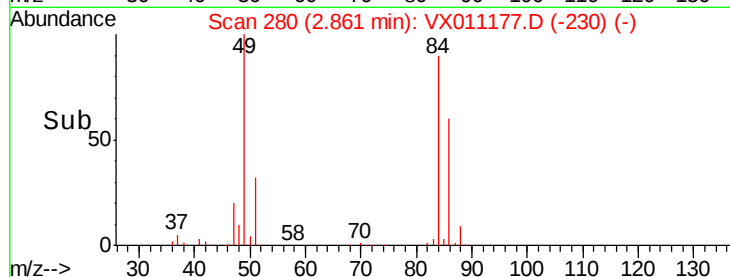


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.703 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011177.D

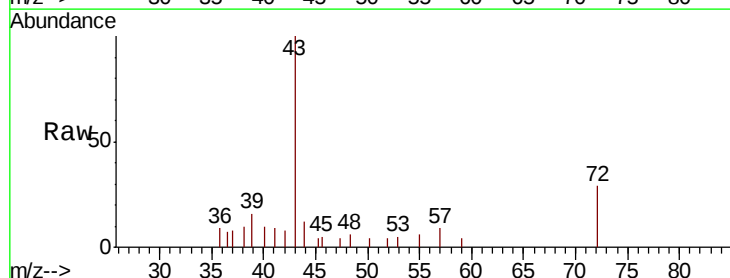
Acq: 30 Jul 2019 04:40

Tgt Ion: 43 Resp: 4765

Ion Ratio Lower Upper

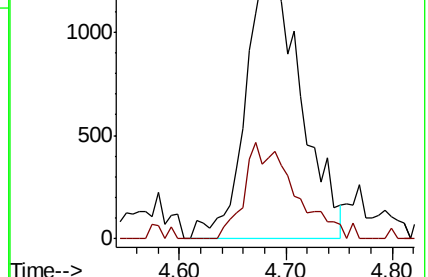
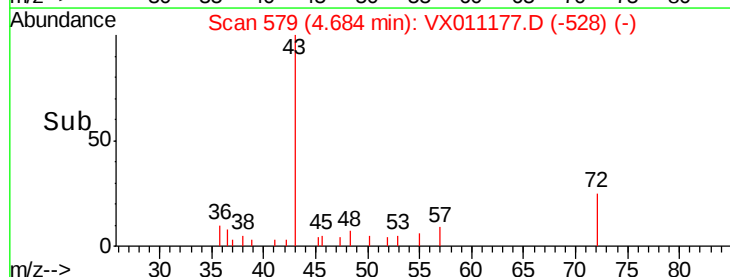
43 100

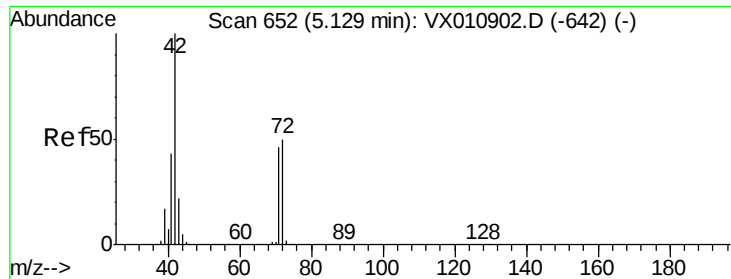
72 28.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

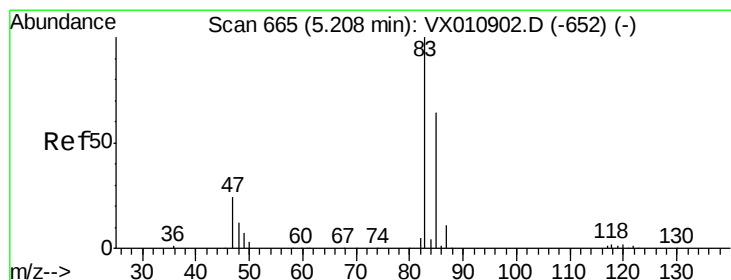
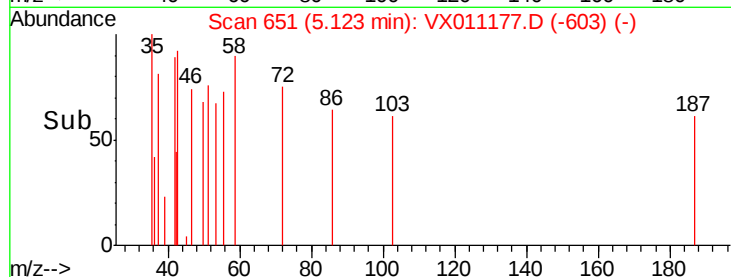
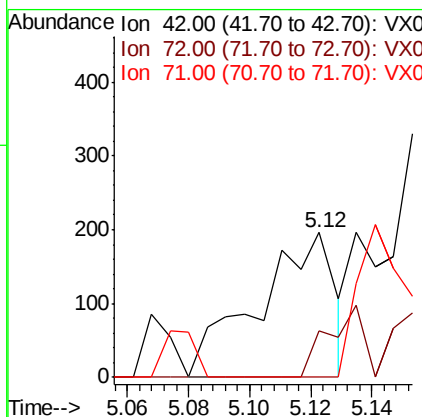
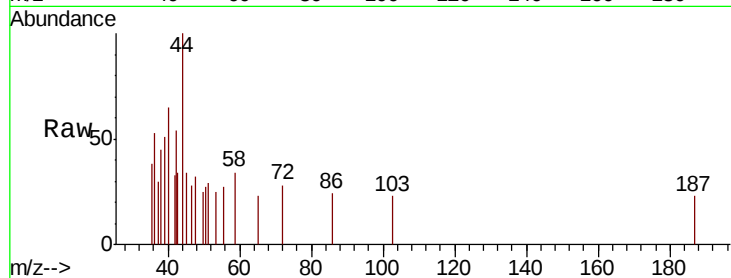




#29
Tetrahydrofuran
Concen: 0.420 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

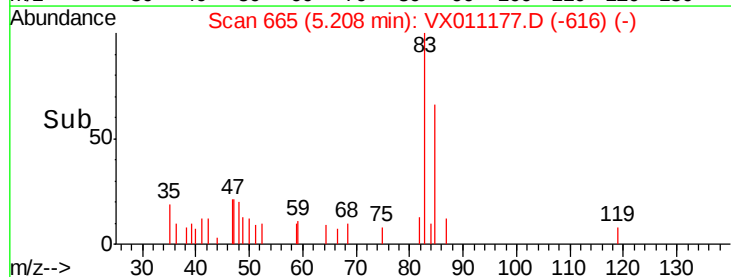
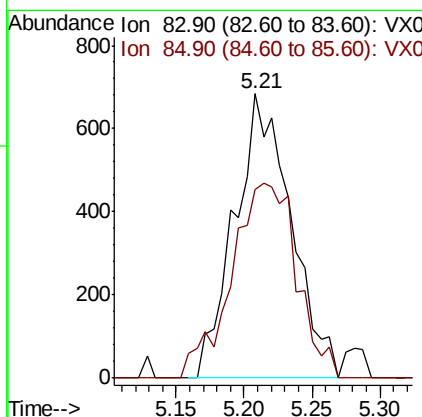
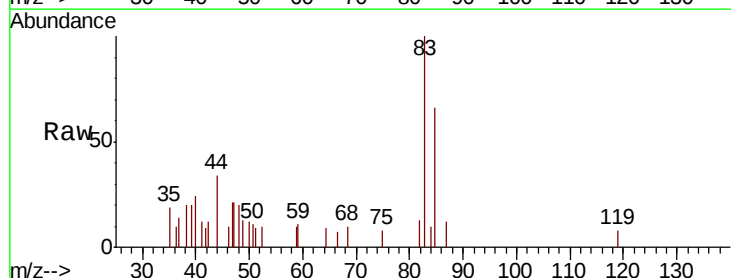
Instrument :
MSVOA_X
ClientSampled :
TP-10

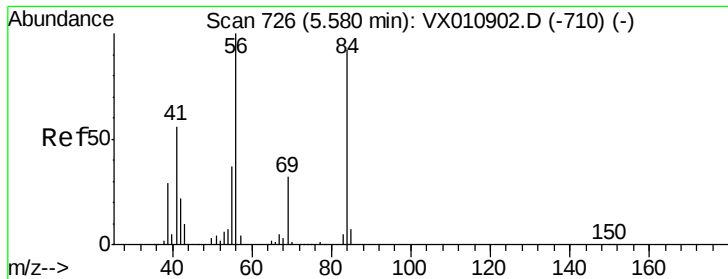
Tot Ion: 42 Resp: 342
Ion Ratio Lower Upper
42 100
72 23.1 39.8 59.8#
71 116.4 37.0 55.4#



#30
Chloroform
Concen: 0.618 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Tgt Ion: 83 Resp: 1974
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.0

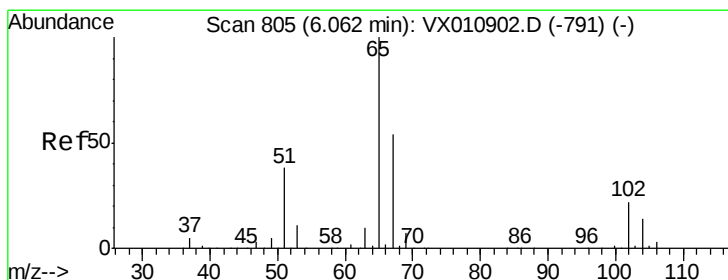
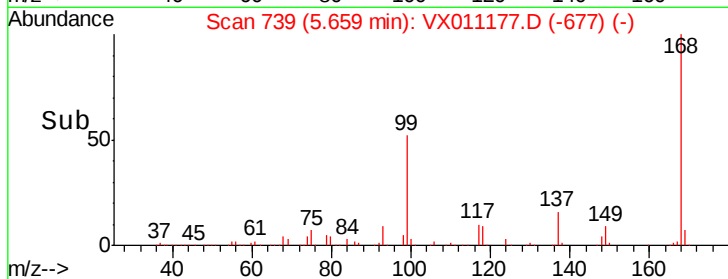
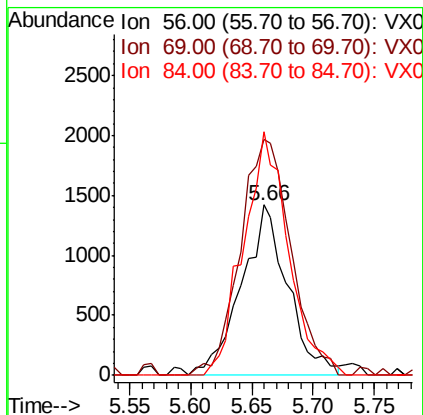
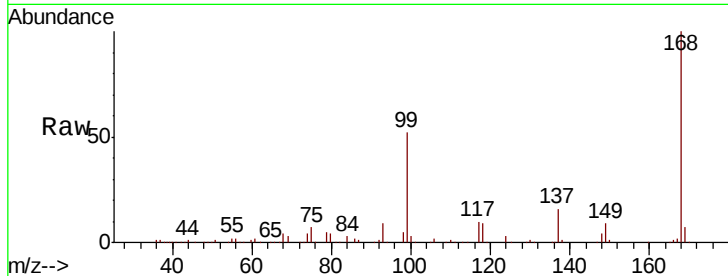




#31
Cyclohexane
Concen: 1.394 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

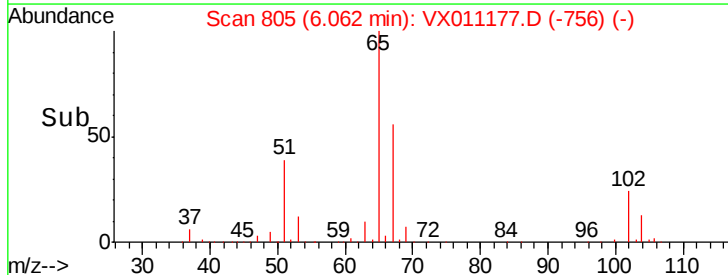
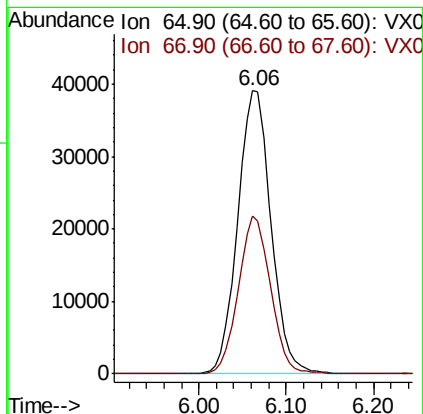
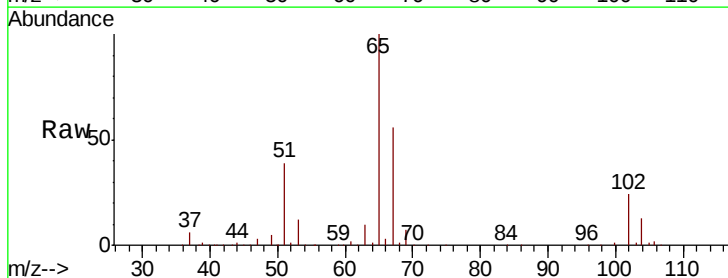
Instrument :
MSVOA_X
ClientSampled :
TP-10

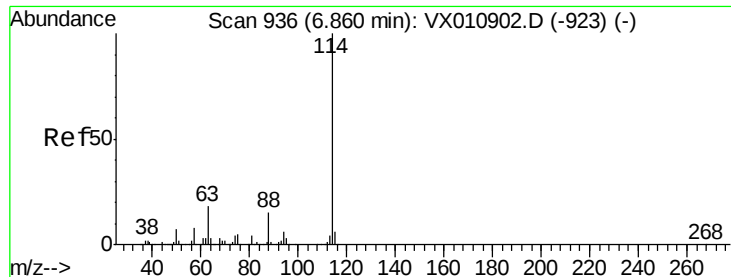
Tot Ion: 56 Resp: 3756
Ion Ratio Lower Upper
56 100
69 138.5 25.8 38.8#
84 143.0 73.8 110.6#



#33
1,2-Dichloroethane-d4
Concen: 52.060 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Tgt Ion: 65 Resp: 103327
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

TP-10

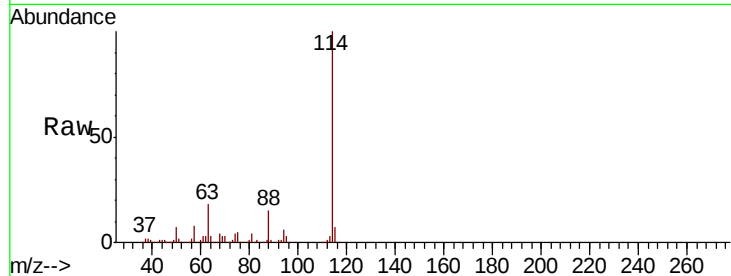
Tot Ion:114 Resp: 302025

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

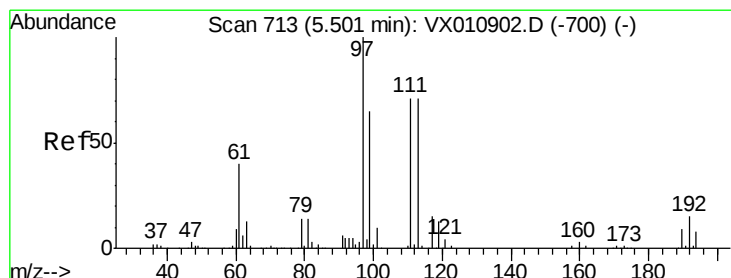
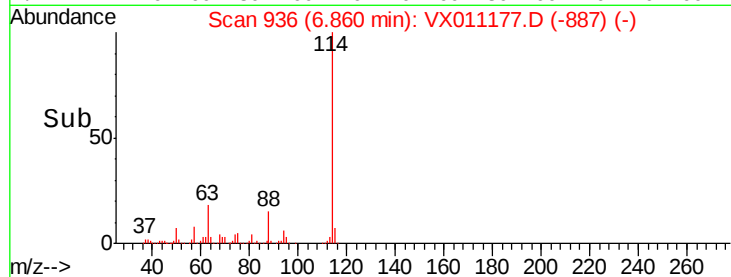
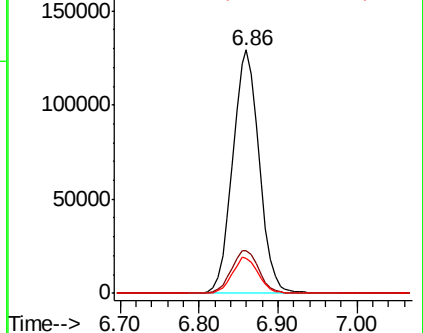
88 14.5 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.369 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

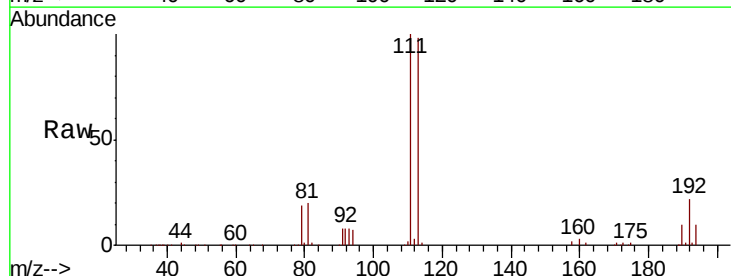
Tgt Ion:113 Resp: 96558

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

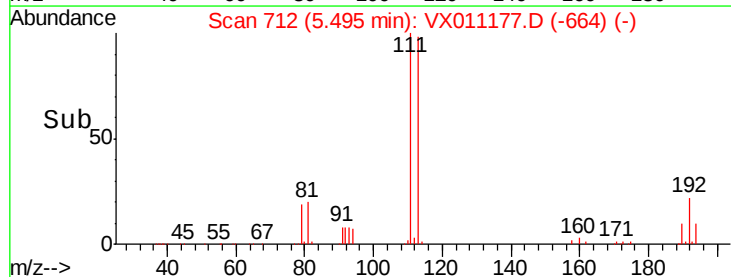
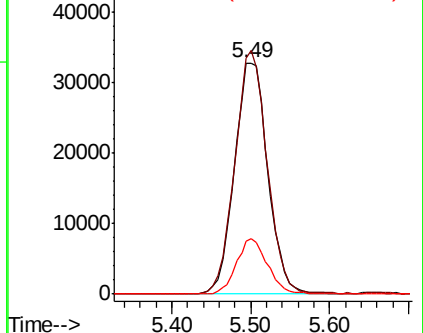
192 22.2 17.4 26.2

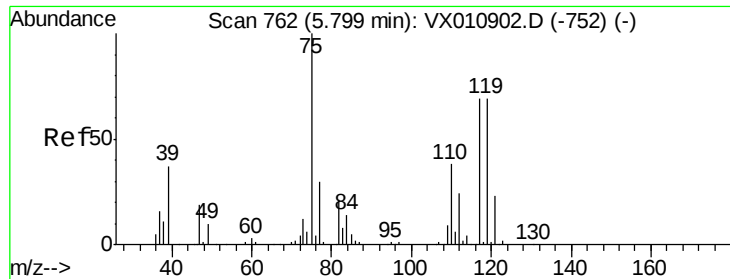


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.089 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

TP-10

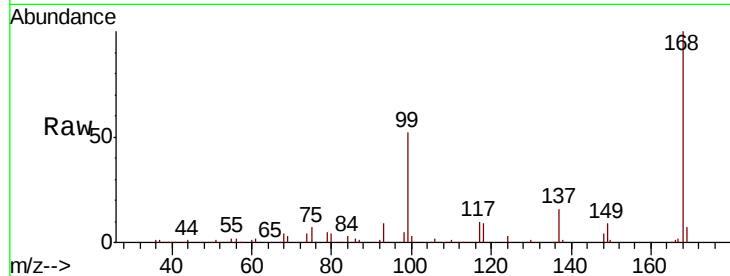
Tot Ion: 75 Resp: 12626

Ion Ratio Lower Upper

75 100

110 11.3 19.9 59.7#

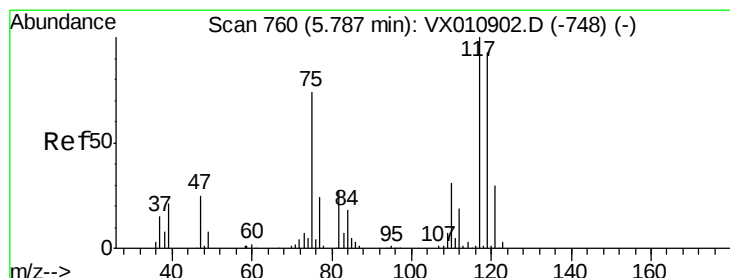
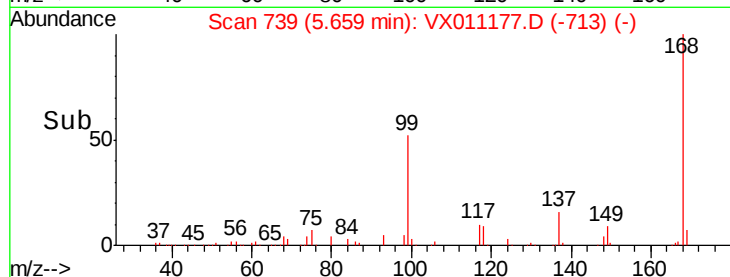
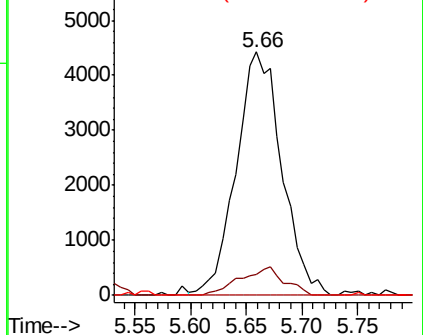
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.740 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

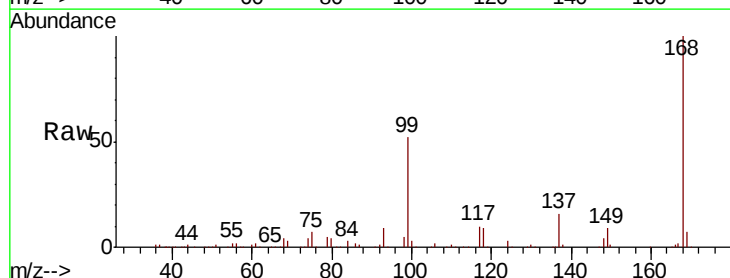
Tgt Ion: 117 Resp: 17425

Ion Ratio Lower Upper

117 100

119 3.1 74.2 111.2#

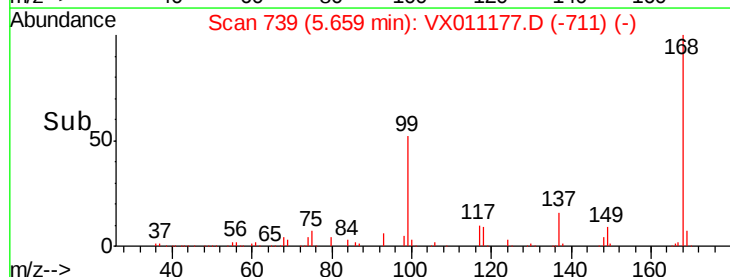
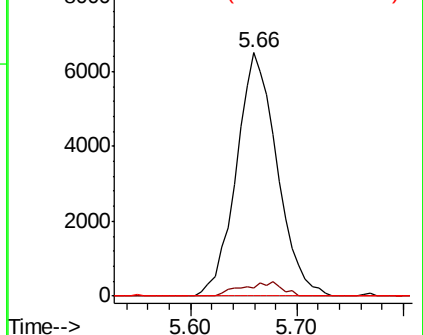
121 0.0 24.2 36.2#

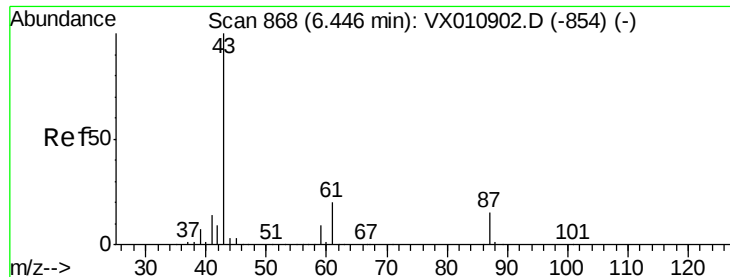


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.448 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

TP-10

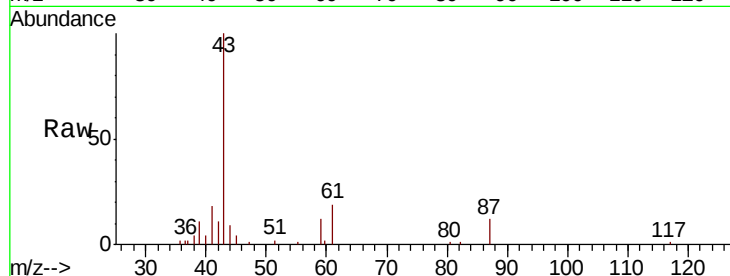
Tot Ion: 43 Resp: 10224

Ion Ratio Lower Upper

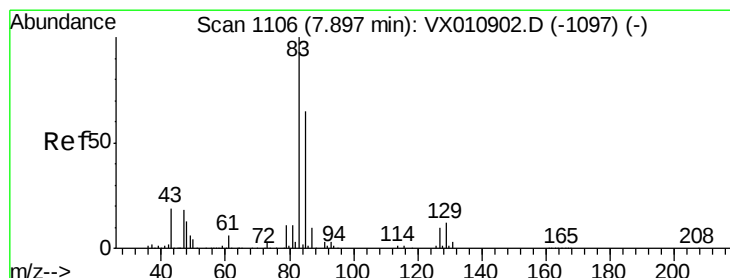
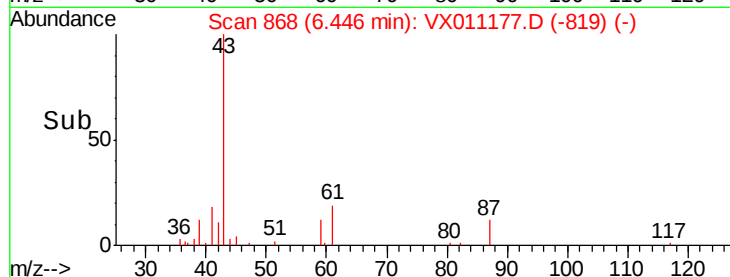
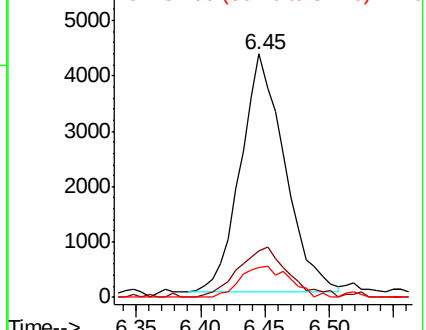
43 100

61 23.7 17.1 25.7

87 14.4 12.0 18.0



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



#47

Bromodichloromethane

Concen: 0.209 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

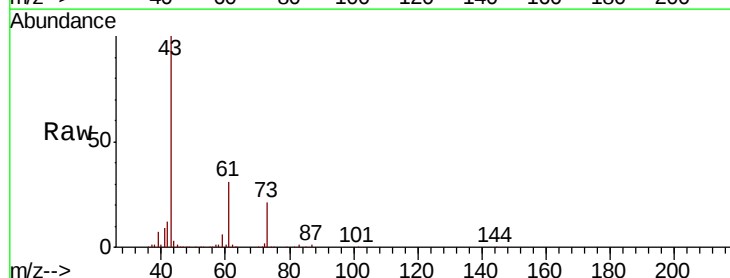
Tgt Ion: 83 Resp: 514

Ion Ratio Lower Upper

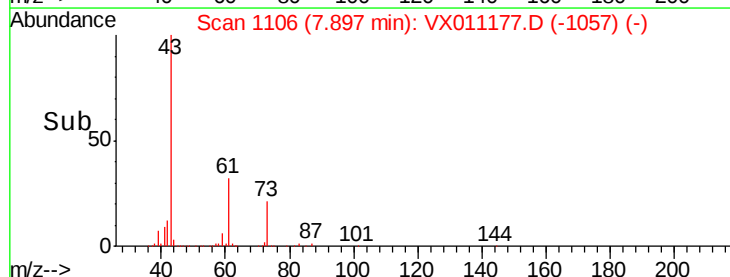
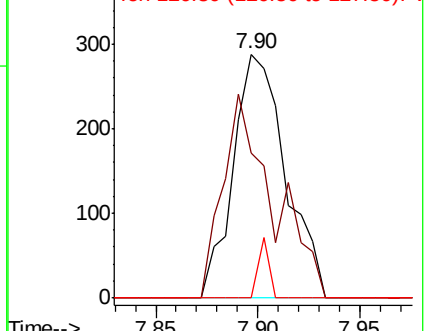
83 100

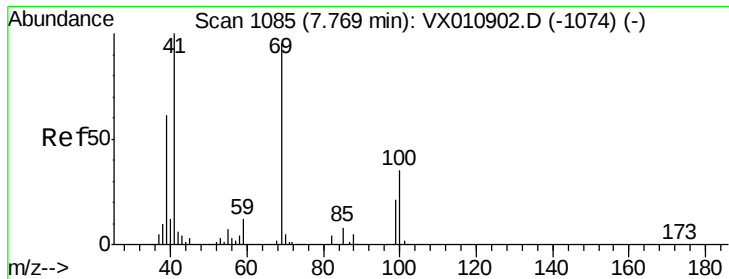
85 59.7 52.5 78.7

127 0.0 7.8 11.8#



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

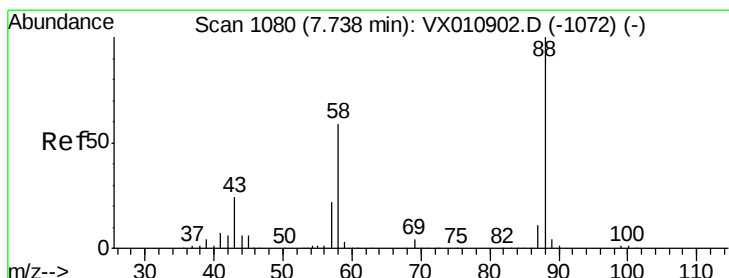
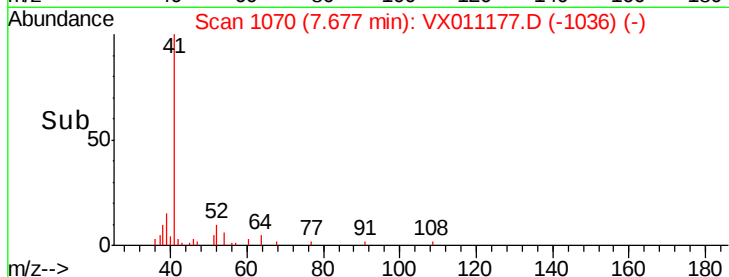
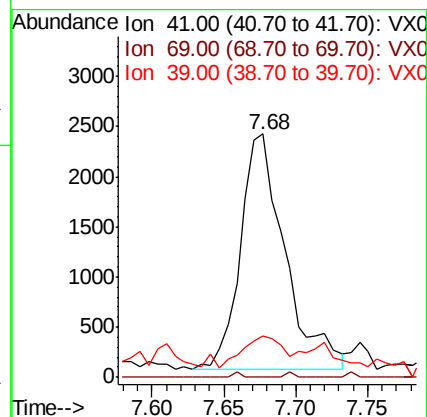
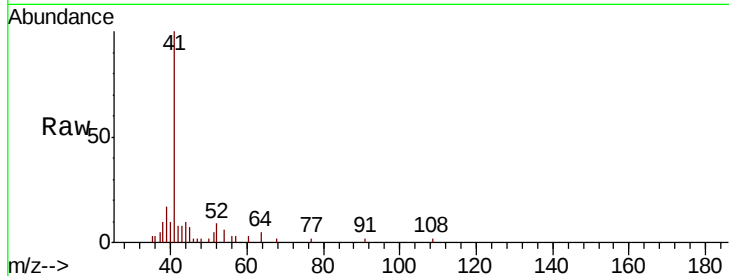




#48
Methvl methacrylate
Concen: 2.469 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

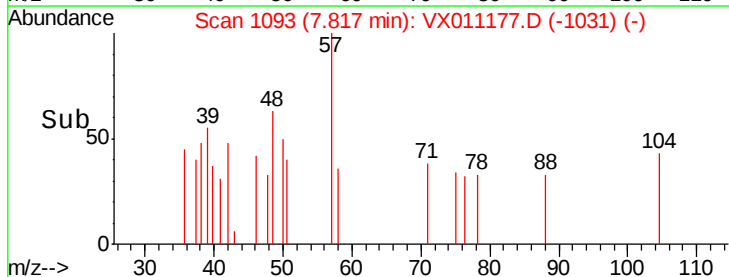
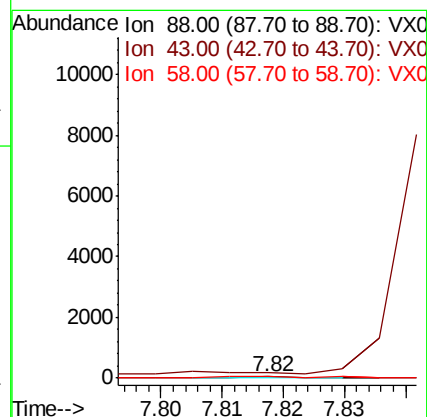
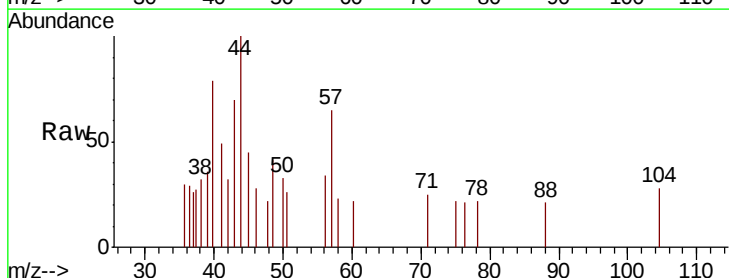
Instrument :
MSVOA_X
ClientSampled :
TP-10

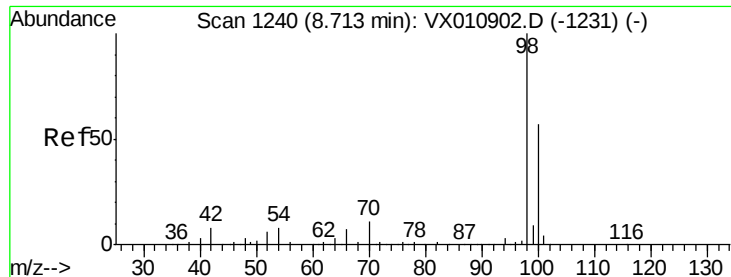
Tot Ion: 41 Resp: 5025
Ion Ratio Lower Upper
41 100
69 0.4 74.4 111.6#
39 0.0 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.334 ug/l
RT: 7.82 min Scan# 1093
Delta R.T. 0.08 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 0.0 49.8 74.8#





#50

Toluene-d8

Concen: 52.506 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampled :

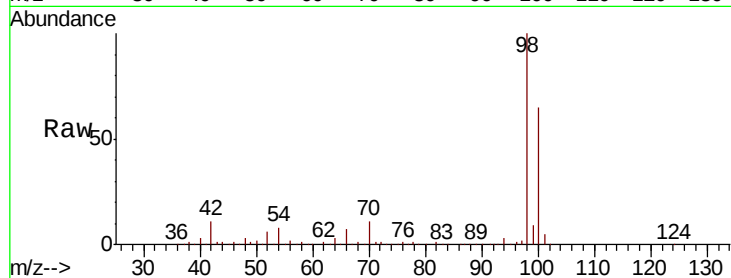
TP-10

Tot Ion: 98 Resp: 377521

Ion Ratio Lower Upper

98 100

100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

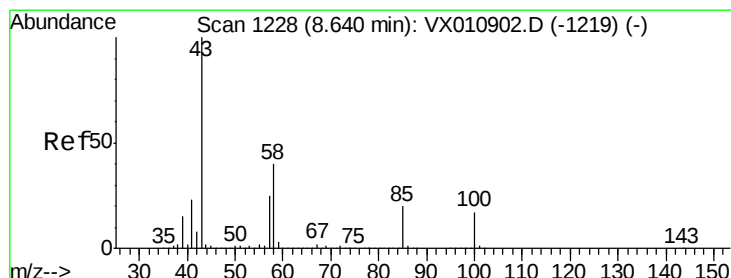
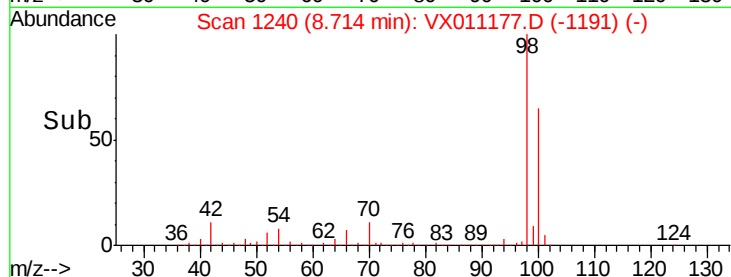
0

8.60

8.71

8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 19.263 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011177.D

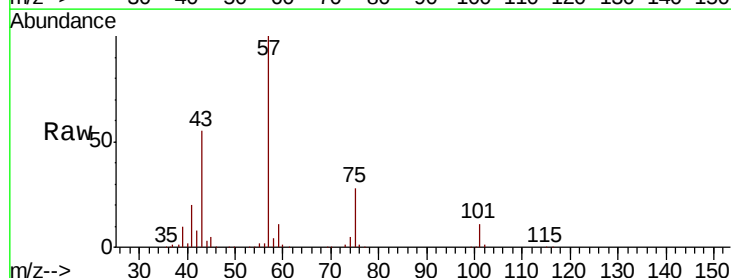
Acq: 30 Jul 2019 04:40

Tgt Ion: 43 Resp: 52158

Ion Ratio Lower Upper

43 100

58 8.9 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

30000

20000

10000

0

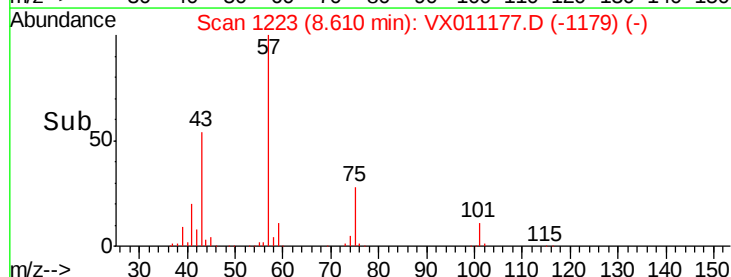
8.55

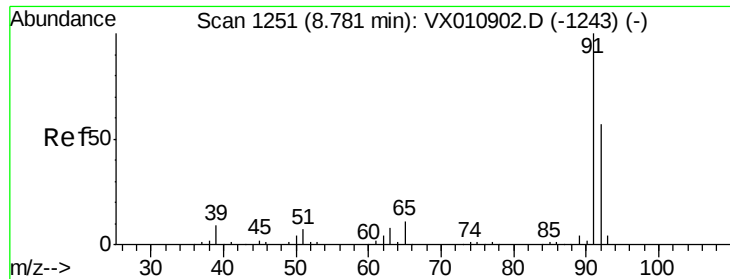
8.61

8.65

8.70

Time-->





#52

Toluene

Concen: 0.213 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampled :

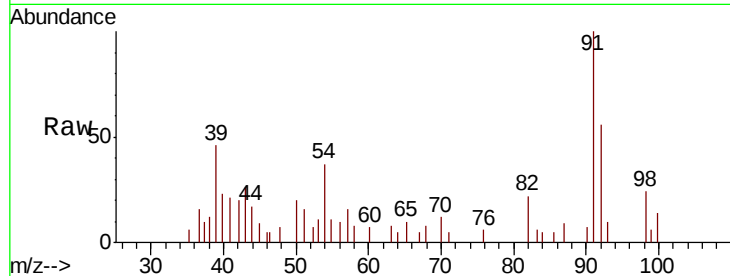
TP-10

Tot Ion: 92 Resp: 1063

Ion Ratio Lower Upper

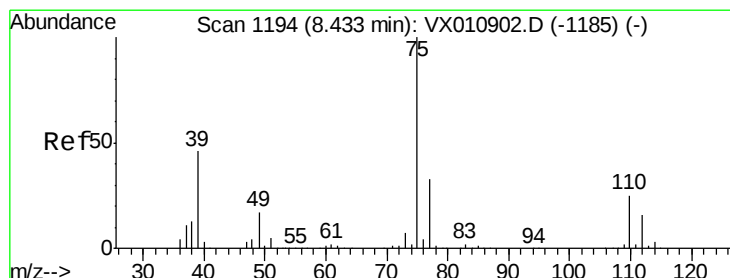
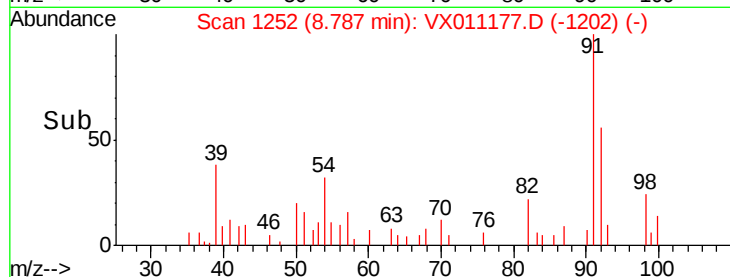
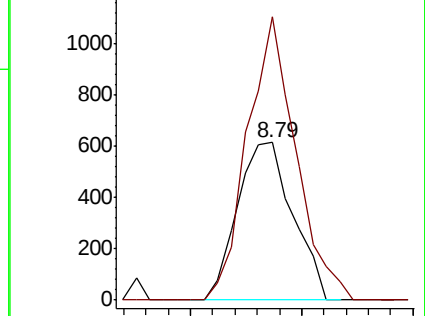
92 100

91 157.6 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.248 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

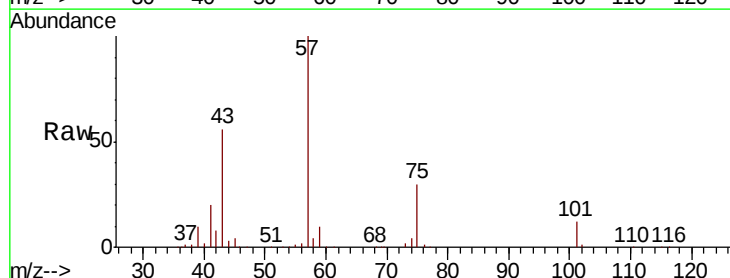
Tgt Ion: 75 Resp: 27223

Ion Ratio Lower Upper

75 100

77 0.6 26.1 39.1#

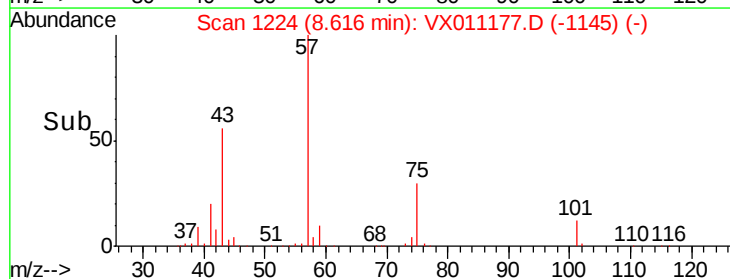
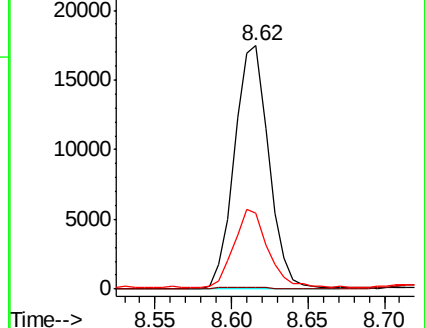
39 30.9 36.6 54.8#

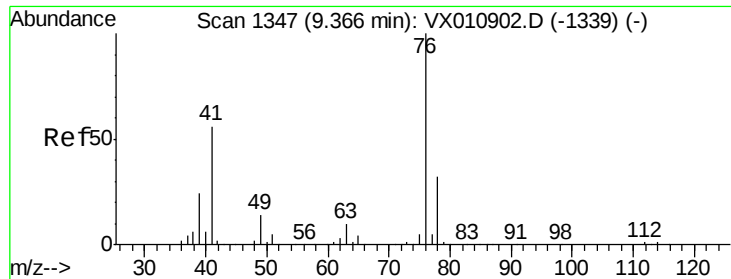


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.026 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.18 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

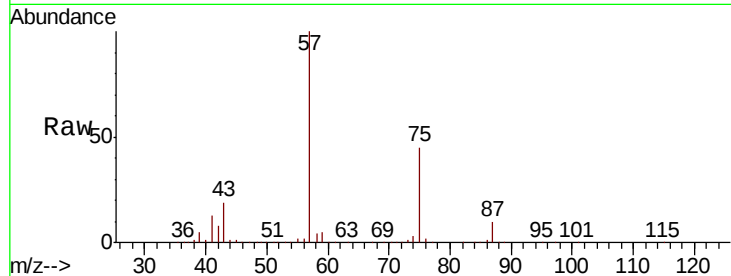
TP-10

Tot Ion: 76 Resp: 6605

Ion Ratio Lower Upper

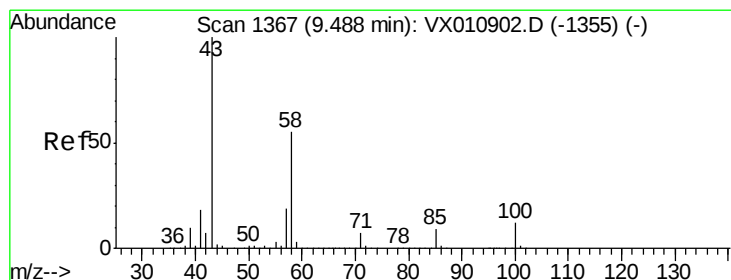
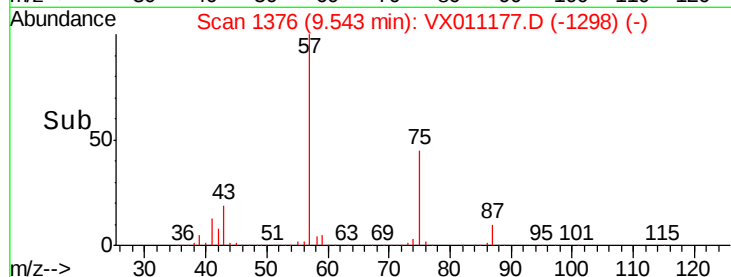
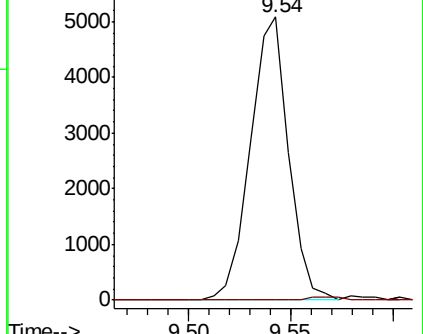
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 40.813 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.05 min

Lab File: VX011177.D

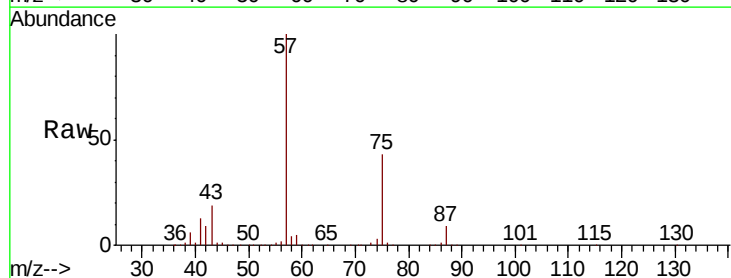
Acq: 30 Jul 2019 04:40

Tgt Ion: 43 Resp: 85713

Ion Ratio Lower Upper

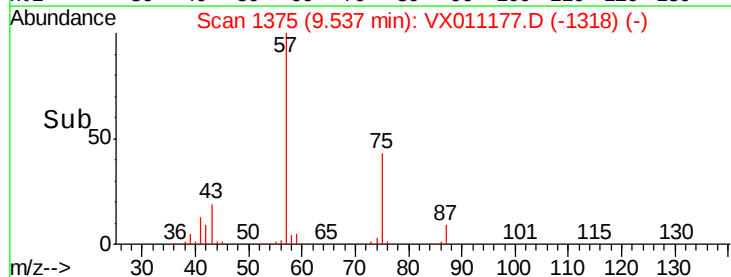
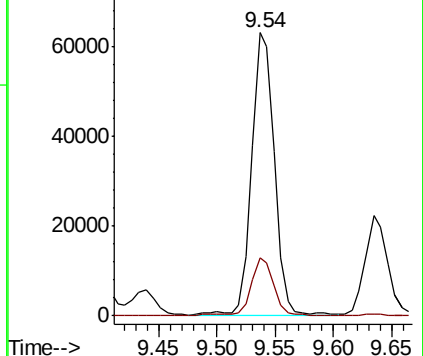
43 100

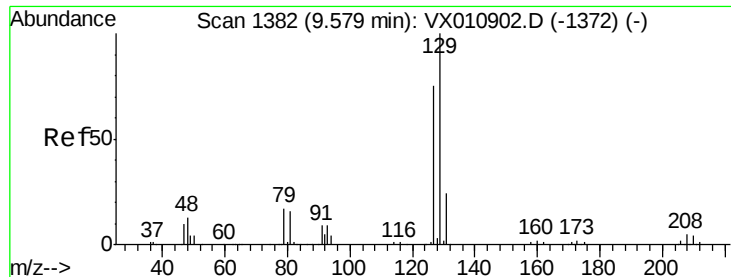
58 20.2 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

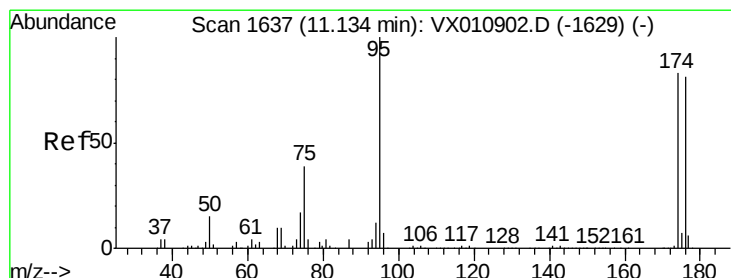
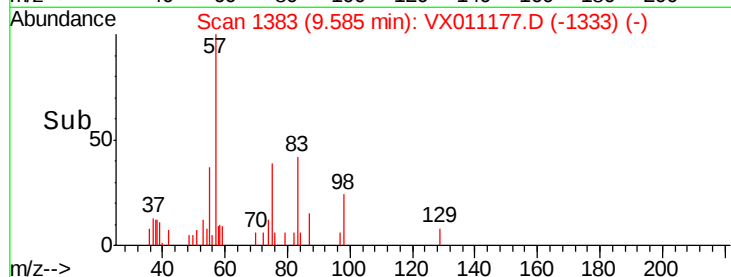
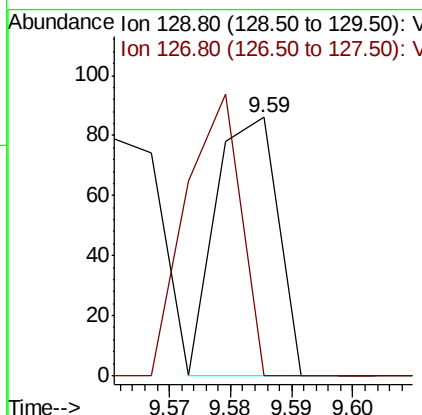
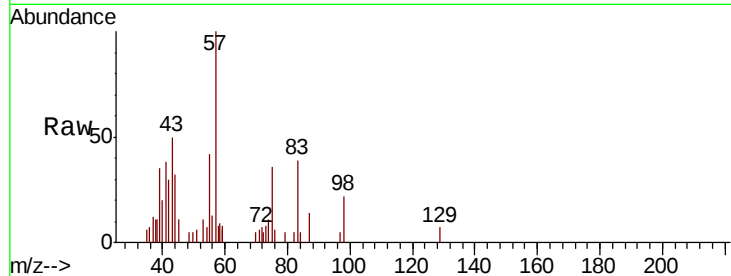




#60
 Dibromochloromethane
 Concen: 2.552 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: VX011177.D
 Acq: 30 Jul 2019 04:40

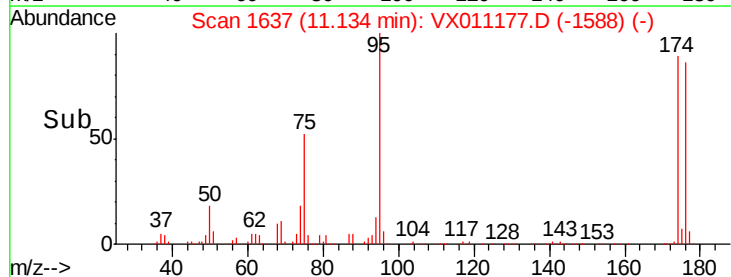
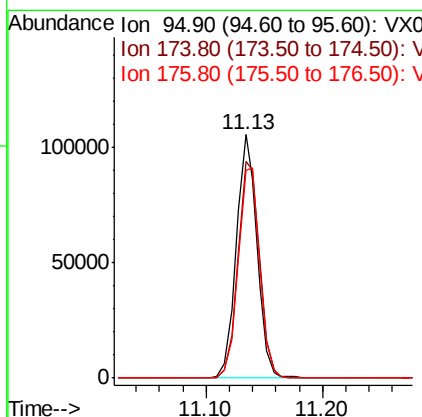
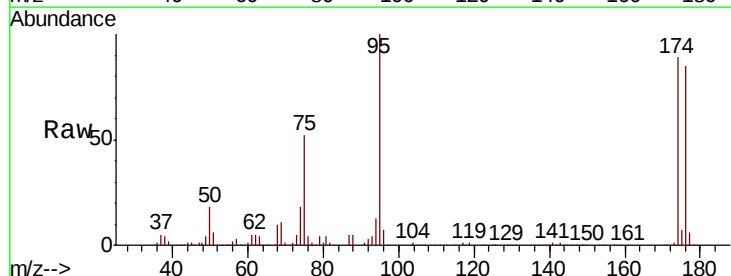
Instrument :
 MSVOA_X
 ClientSampled :
 TP-10

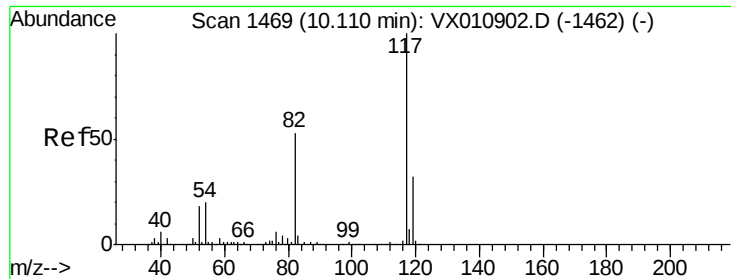
Tot Ion:129 Resp: 60
 Ion Ratio Lower Upper
 129 100
 127 96.7 38.6 115.8



#62
 4-Bromofluorobenzene
 Concen: 49.552 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011177.D
 Acq: 30 Jul 2019 04:40

Tgt Ion: 95 Resp: 130959
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 180.6
 176 90.0 0.0 173.8

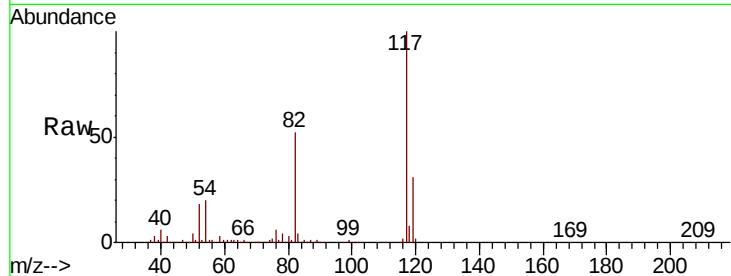




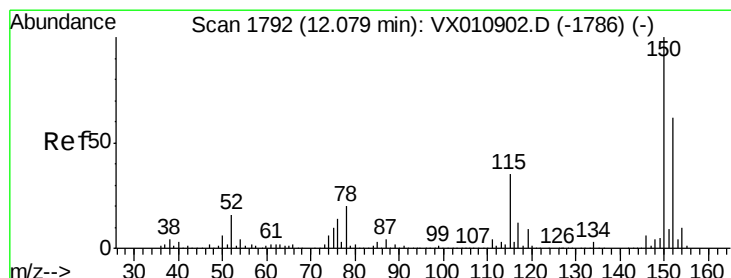
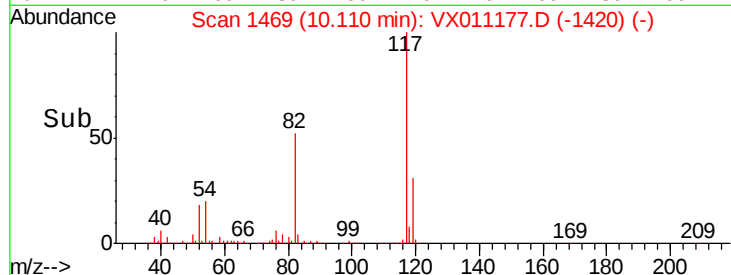
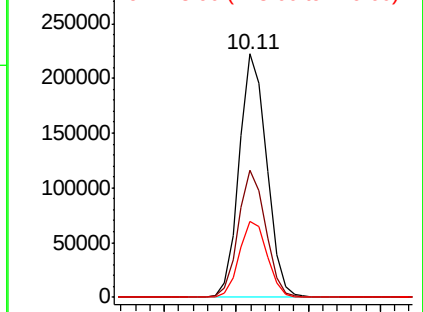
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	31.4	25.9	38.9

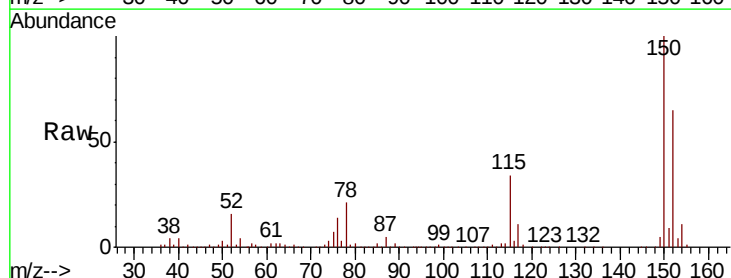


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

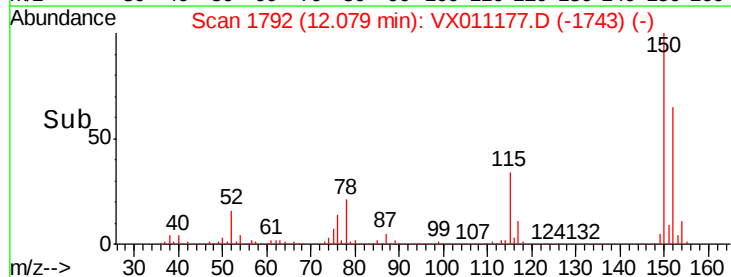
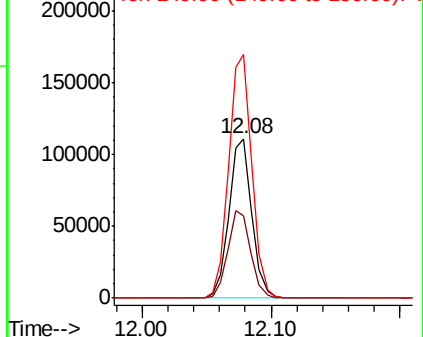


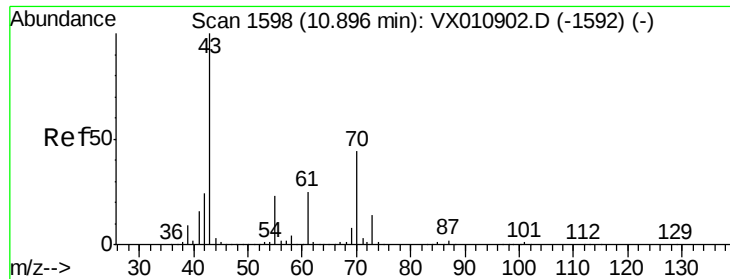
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.7	119.1
150	155.3	0.0	345.6



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





#74

N-amvl acetate

Concen: 0.206 ug/l

RT: 10.83 min Scan# 1587

Delta R.T. -0.07 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

TP-10

Tot Ion: 43 Resp: 733

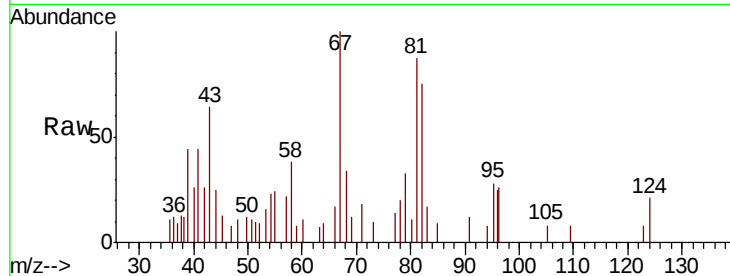
Ion Ratio Lower Upper

43 100

70 11.1 34.7 52.1#

55 118.6 19.1 28.7#

61 0.0 19.9 29.9#

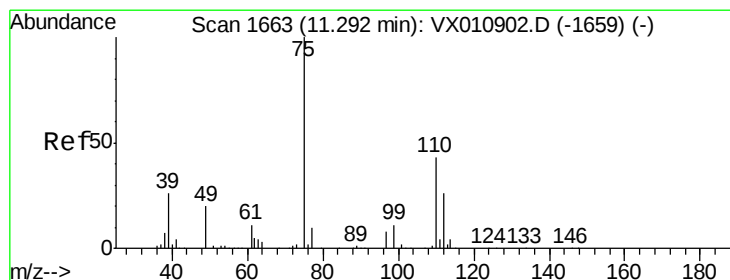
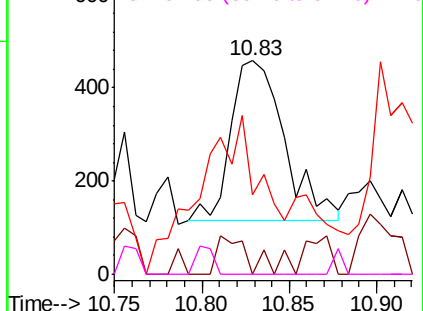
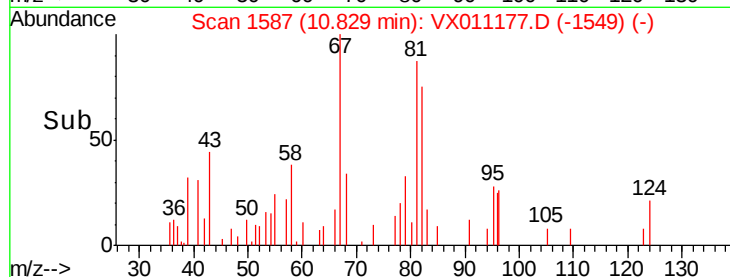


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 26.937 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011177.D

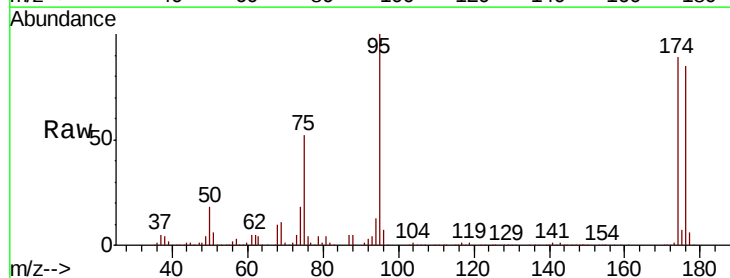
Acq: 30 Jul 2019 04:40

Tgt Ion: 75 Resp: 66929

Ion Ratio Lower Upper

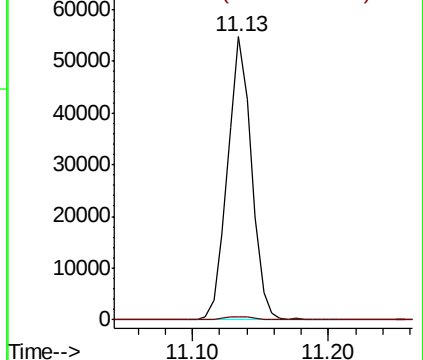
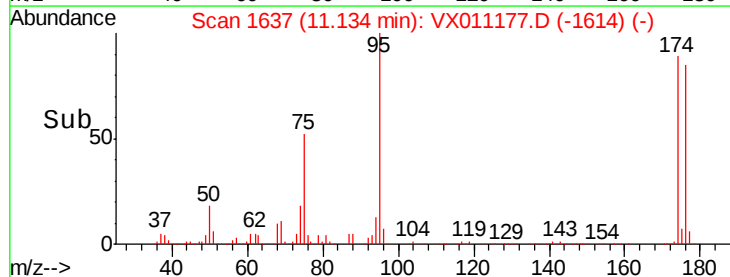
75 100

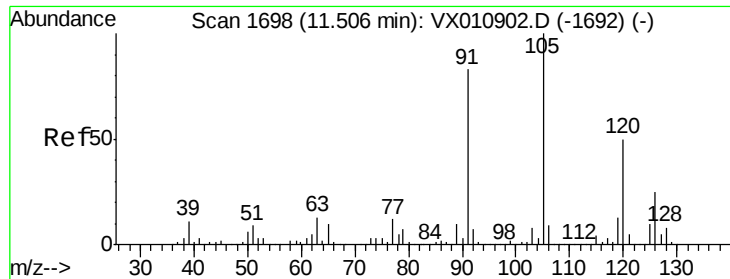
77 1.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

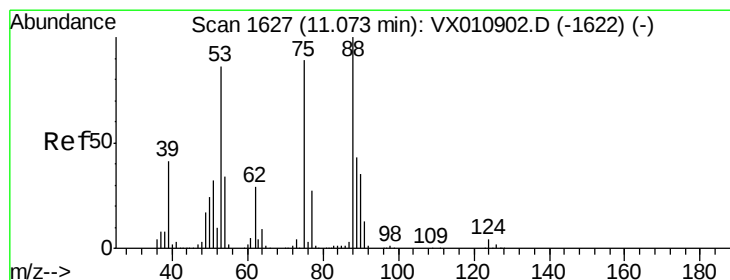
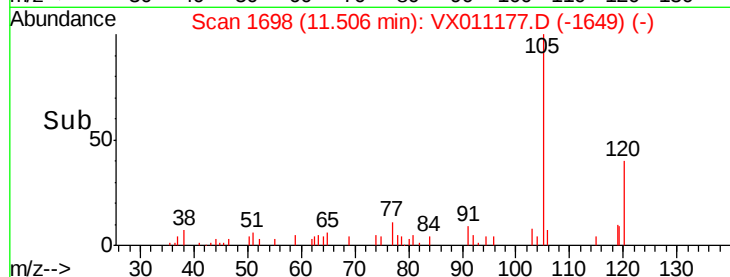
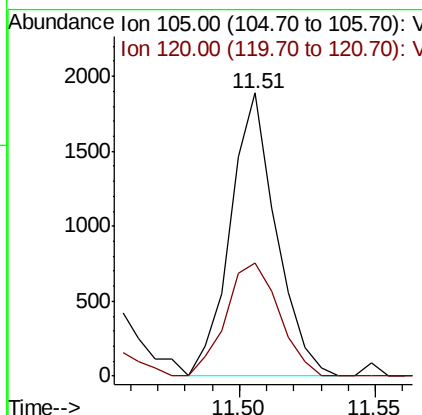
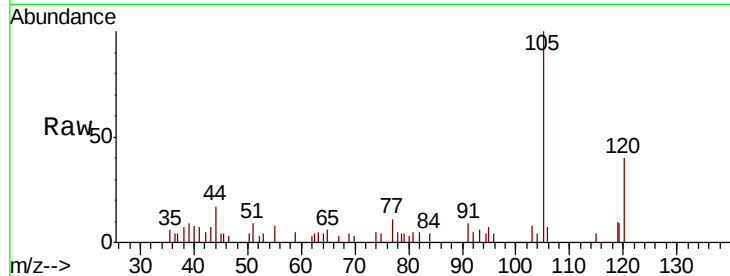




#80
 1,3,5-Trimethylbenzene
 Concen: 0.283 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011177.D
 Acq: 30 Jul 2019 04:40

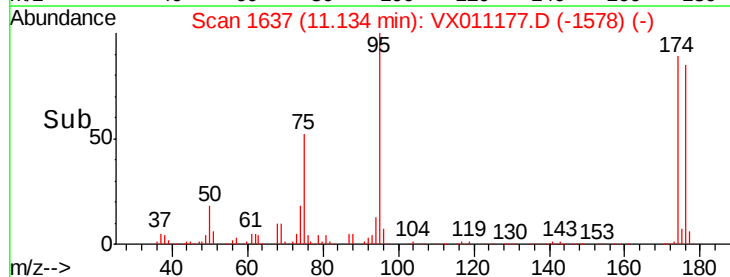
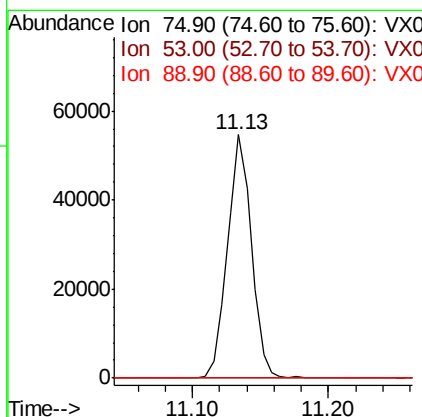
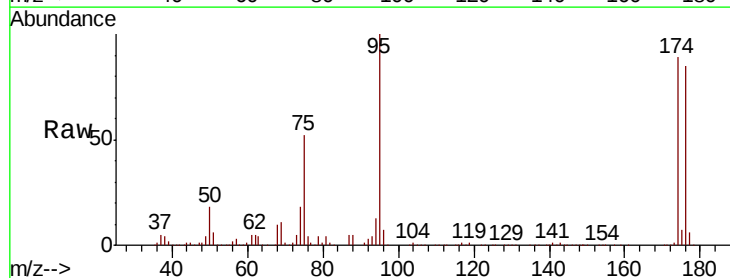
Instrument :
 MSVOA_X
 ClientSampled :
 TP-10

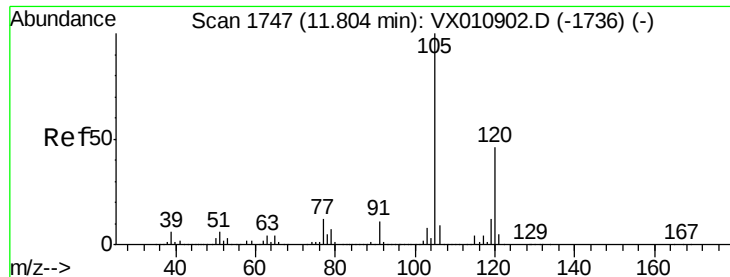
Tot Ion:105 Resp: 2202
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.793 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011177.D
 Acq: 30 Jul 2019 04:40

Tgt Ion: 75 Resp: 66929
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.7 115.1#
 89 0.1 38.5 57.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.350 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampled :

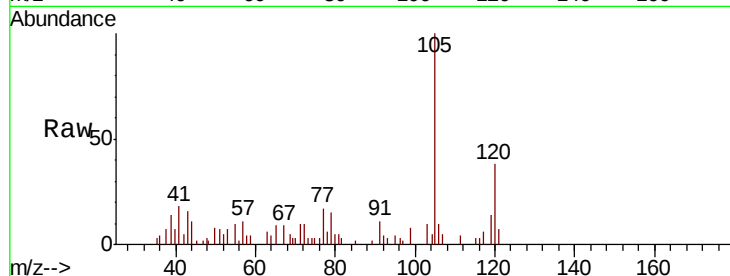
TP-10

Tot Ion:105 Resp: 2742

Ion Ratio Lower Upper

105 100

120 41.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

2500

2000

1500

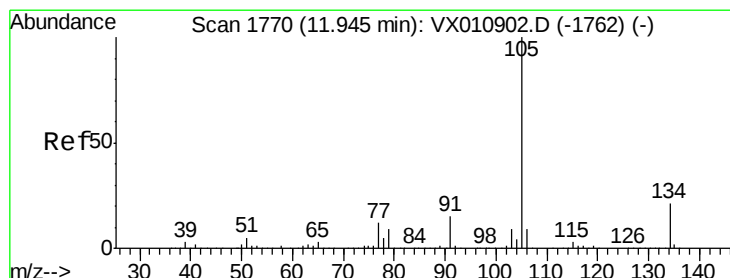
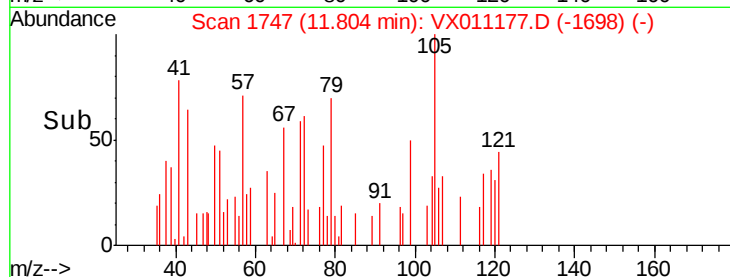
1000

500

0

Time-->

11.75 11.80 11.85



#85

sec-Butylbenzene

Concen: 0.508 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011177.D

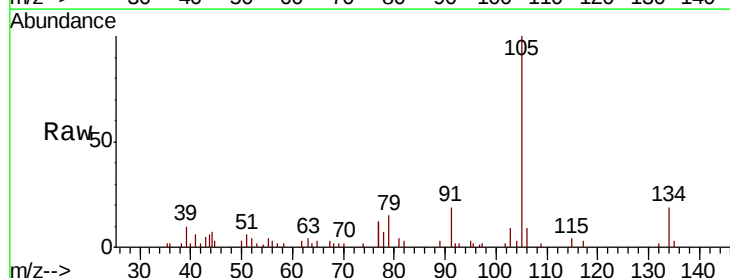
Acq: 30 Jul 2019 04:40

Tgt Ion:105 Resp: 4549

Ion Ratio Lower Upper

105 100

134 29.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

4000

3000

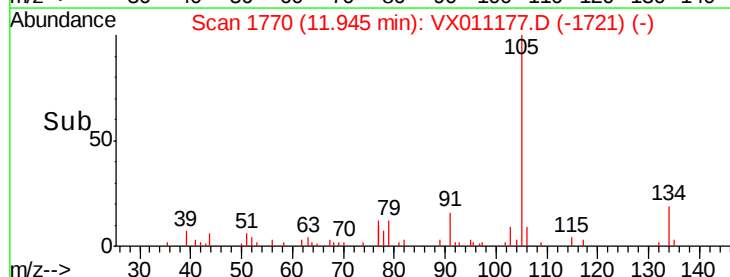
2000

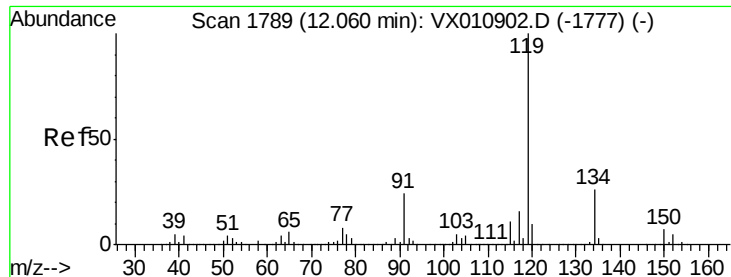
1000

0

Time-->

11.90 11.95 12.00

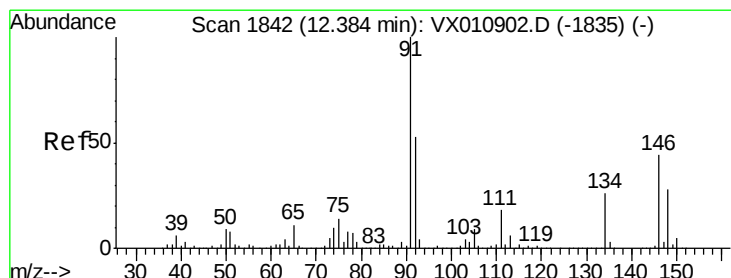
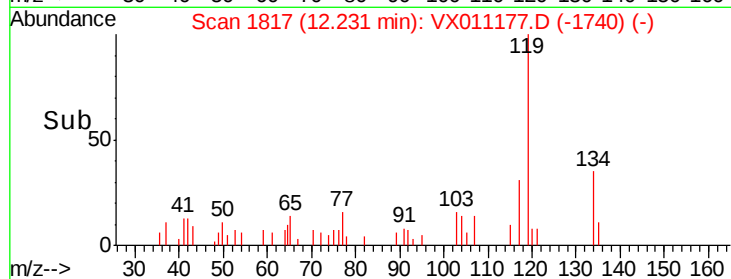
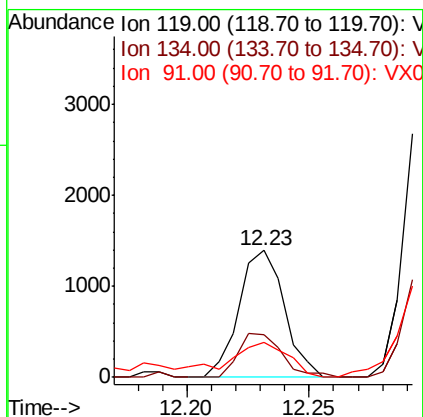
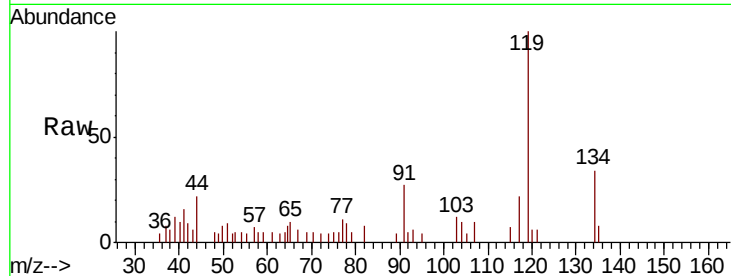




#86
p-Isopropyltoluene
Concen: 0.217 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

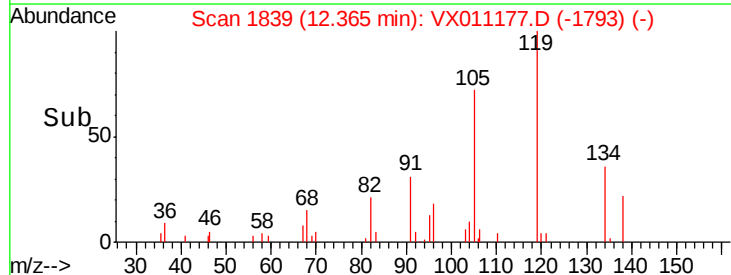
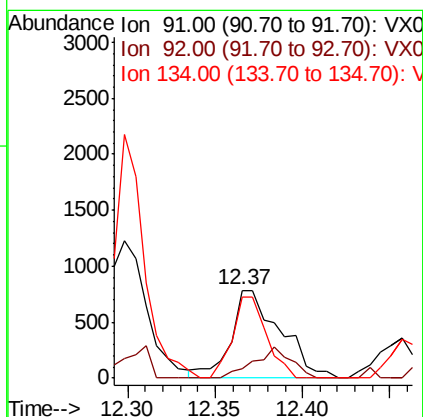
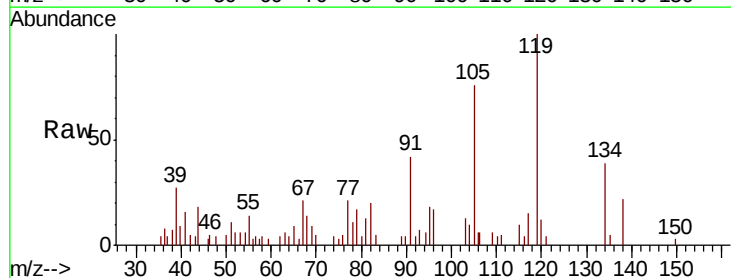
Instrument :
MSVOA_X
ClientSampled :
TP-10

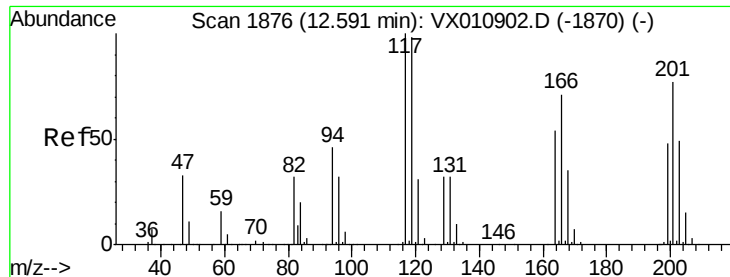
Tot Ion:119 Resp: 1796
Ion Ratio Lower Upper
119 100
134 33.7 13.4 40.1
91 35.0 11.8 35.4



#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 12.37 min Scan# 1839
Delta R.T. -0.02 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Tgt Ion: 91 Resp: 1537
Ion Ratio Lower Upper
91 100
92 26.9 26.2 78.5
134 64.3 13.8 41.3#





#90

Hexachloroethane

Concen: 1.748 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

Instrument :

MSVOA_X

ClientSampleId :

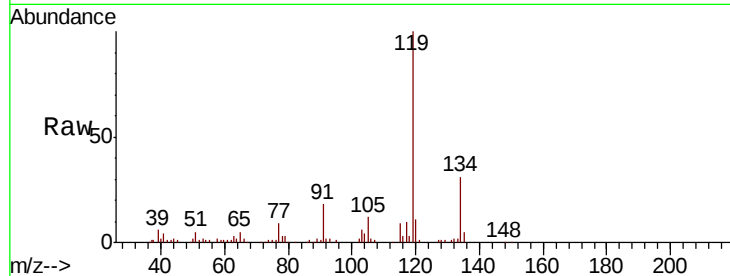
TP-10

Tot Ion:117 Resp: 2281

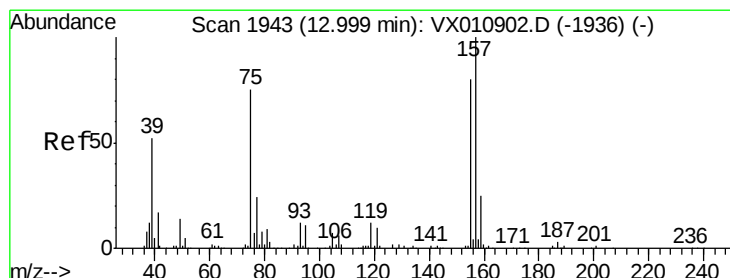
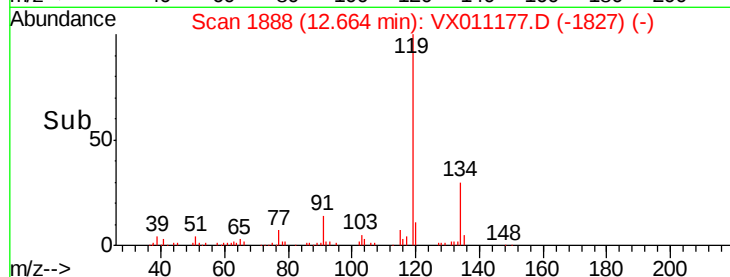
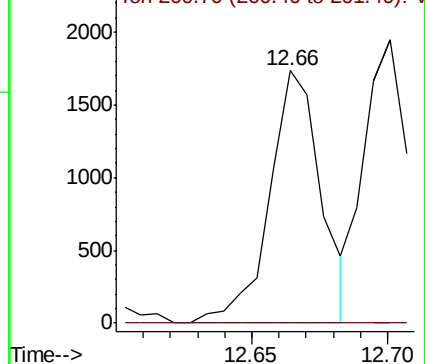
Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.412 ug/l

RT: 12.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: VX011177.D

Acq: 30 Jul 2019 04:40

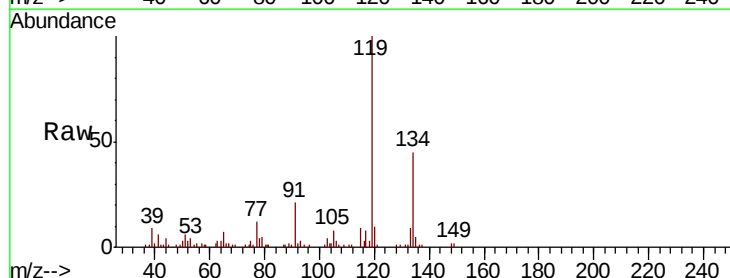
Tgt Ion: 75 Resp: 262

Ion Ratio Lower Upper

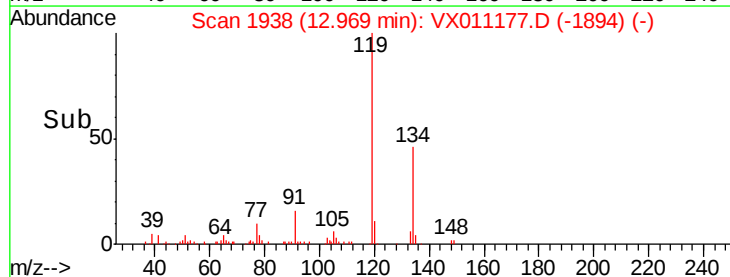
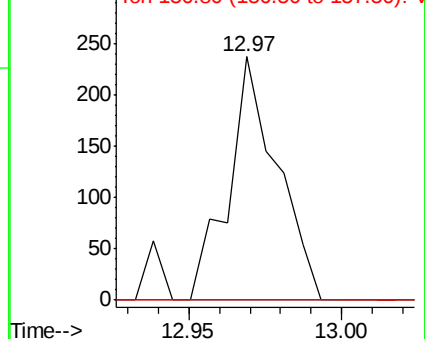
75 100

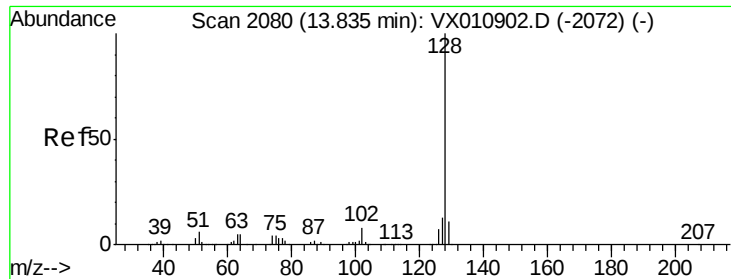
155 0.0 48.7 146.1#

157 0.0 62.5 187.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.945 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011177.D
Acq: 30 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.0	10.4	15.6#
129	22.2	8.9	13.3#

