

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004418.D
 Acq On : 07 Sep 2018 20:05
 Operator : JC/MD
 Sample : PB112672TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112672TB

Quant Time: Sep 08 03:25:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	356247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	576087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	563236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	308700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	238481	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.50	113	210431	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	810145	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	299340	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

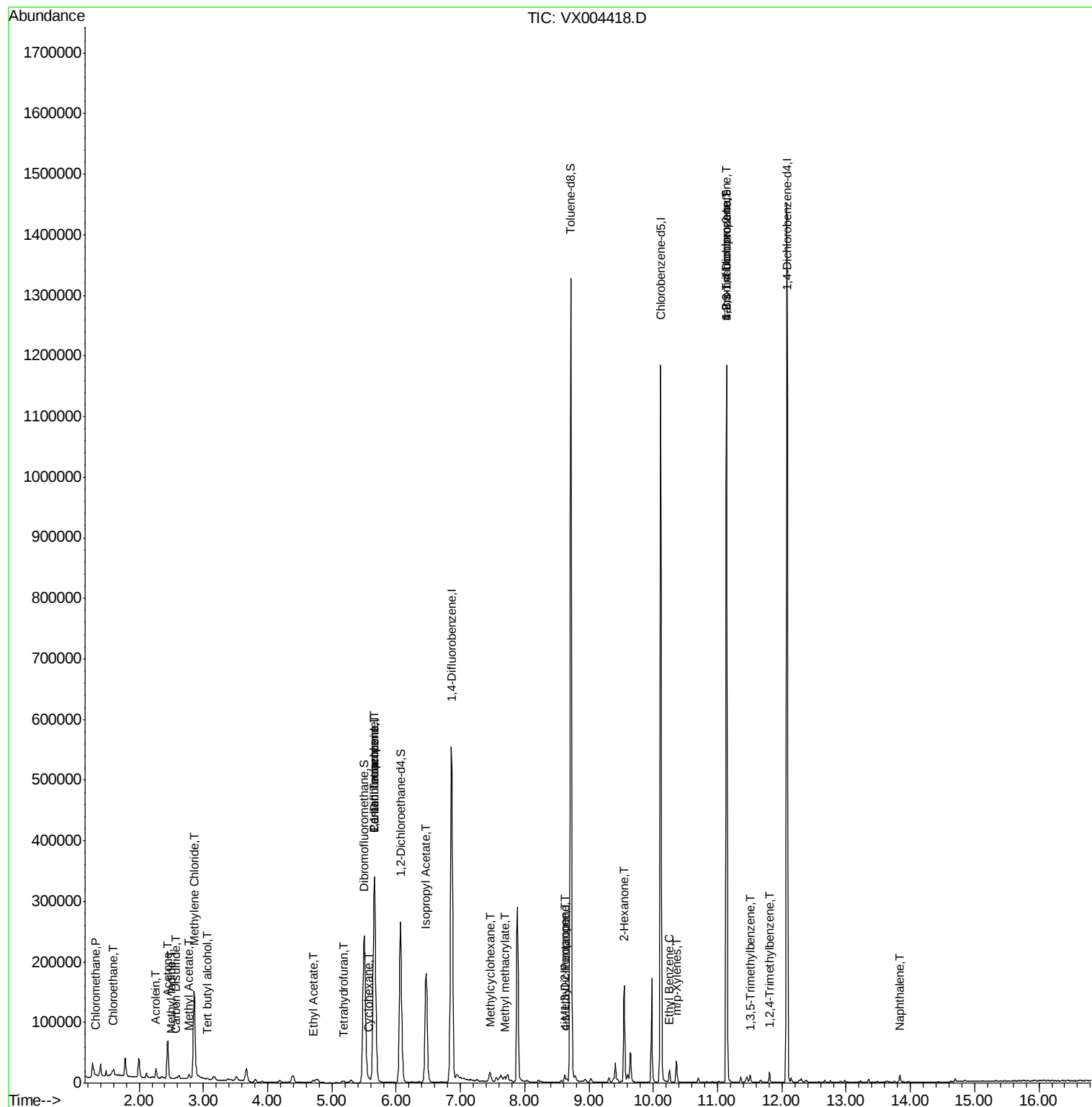
						Qvalue
3) Chloromethane	1.32	50	692	0.44	ug/l	# 39
5) Bromomethane	1.65	94	391	Below	Cal	# 65
6) Chloroethane	1.59	64	6843	2.78	ug/l	# 54
10) Methyl Iodide	2.51	142	431	4.35	ug/l	# 81
11) Tert butyl alcohol	3.06	59	1113	1.12	ug/l	# 90
13) Acrolein	2.26	56	826	3.46	ug/l	# 1
16) Acetone	2.45	43	65412	27.32	ug/l	99
17) Carbon Disulfide	2.57	76	818	0.87	ug/l	# 71
18) Methyl Acetate	2.78	43	7571	1.10	ug/l	95
20) Methylene Chloride	2.85	84	68721	15.37	ug/l	97
25) 2-Butanone	4.71	43	7181	Below	Cal	99
29) Tetrahydrofuran	5.18	42	2579	1.29	ug/l	99
31) Cyclohexane	5.57	56	4818	0.74	ug/l	# 78
36) 1,1-Dichloropropene	5.66	75	22863	3.53	ug/l	# 50
37) Ethyl Acetate	4.71	43	7181	1.13	ug/l	# 67
38) Carbon Tetrachloride	5.66	117	30931	5.08	ug/l	# 15
39) Methylcyclohexane	7.46	83	6631	0.90	ug/l	96
43) Isopropyl Acetate	6.46	43	236879	24.20	ug/l	99
48) Methyl methacrylate	7.69	41	9758	1.86	ug/l	# 20
51) 4-Methyl-2-Pentanone	8.62	43	3258	0.46	ug/l	# 34
54) cis-1,3-Dichloropropene	8.62	75	1879	0.26	ug/l	# 63
59) 2-Hexanone	9.55	43	16825	3.10	ug/l	# 51
67) Ethyl Benzene	10.25	91	11928	0.52	ug/l	99
68) m/p-Xylenes	10.36	106	8714	0.97	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	139015	22.14	ug/l	# 37
80) 1,3,5-Trimethylbenzene	11.51	105	4684	0.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	139015	71.84	ug/l	# 10
84) 1,2,4-Trimethylbenzene	11.80	105	7710	0.45	ug/l	99
94) Hexachlorobutadiene	13.78	225	114	Below	Cal	# 35
95) Naphthalene	13.83	128	8262	0.41	ug/l	98

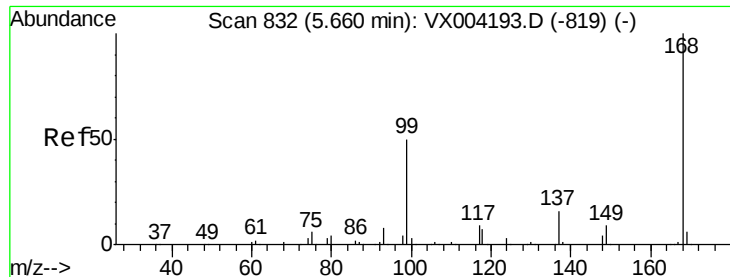
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampled :

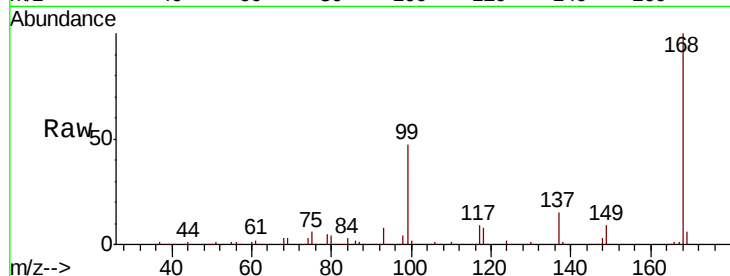
PB112672TB

Tot Ion:168 Resp: 356247

Ion Ratio Lower Upper

168 100

99 47.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

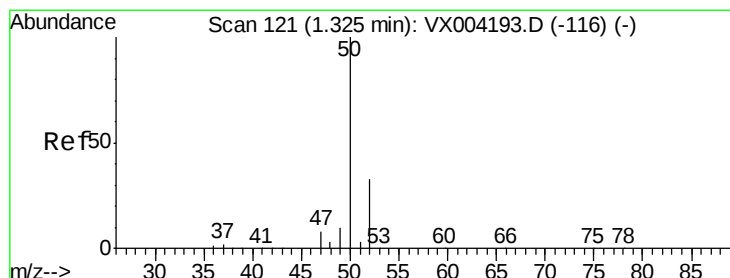
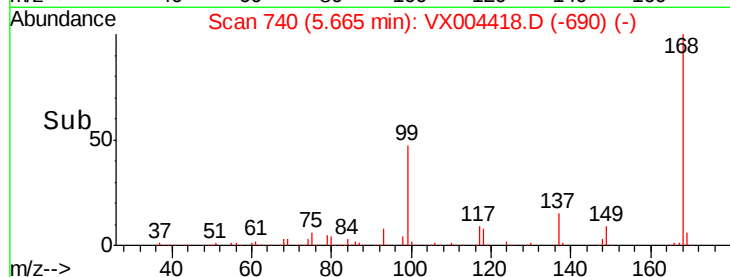
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.44 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004418.D

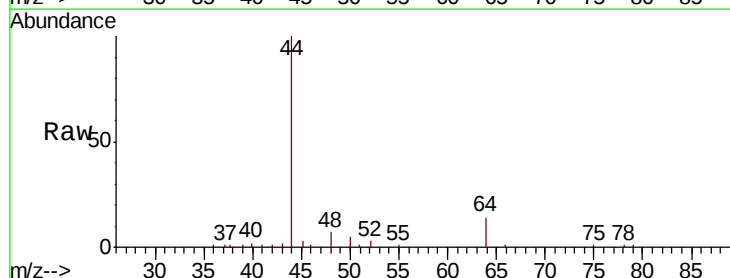
Acq: 07 Sep 2018 20:05

Tgt Ion: 50 Resp: 692

Ion Ratio Lower Upper

50 100

52 67.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

600

500

400

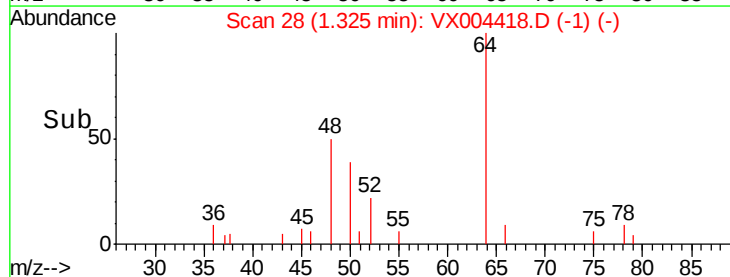
300

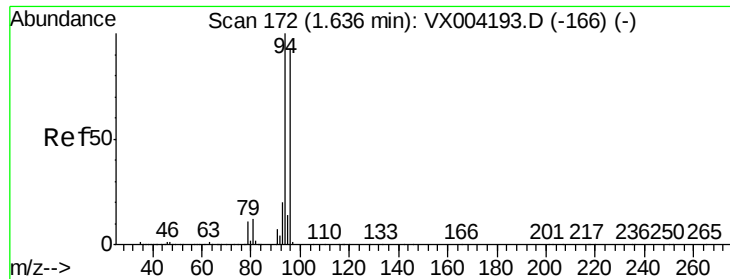
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampled :

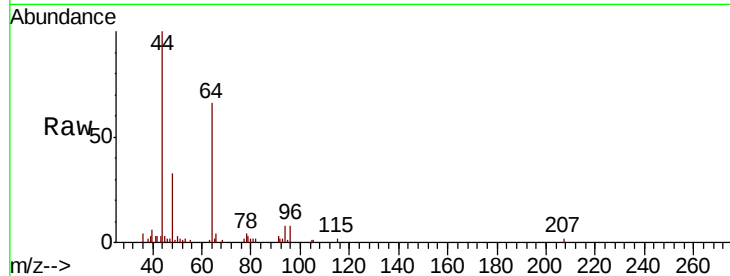
PB112672TB

Tot Ion: 94 Resp: 391

Ion Ratio Lower Upper

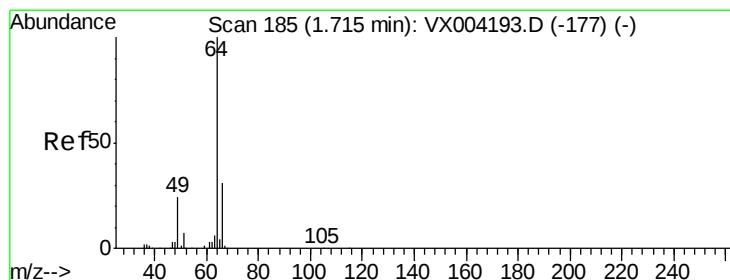
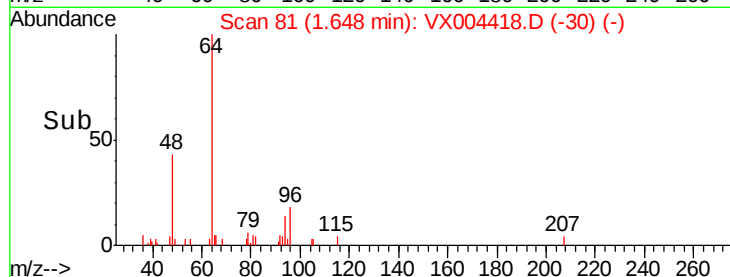
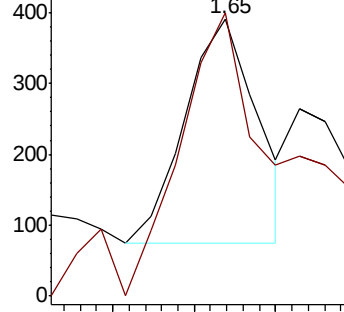
94 100

96 126.3 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.78 ug/l

RT: 1.59 min Scan# 71

Delta R.T. -0.13 min

Lab File: VX004418.D

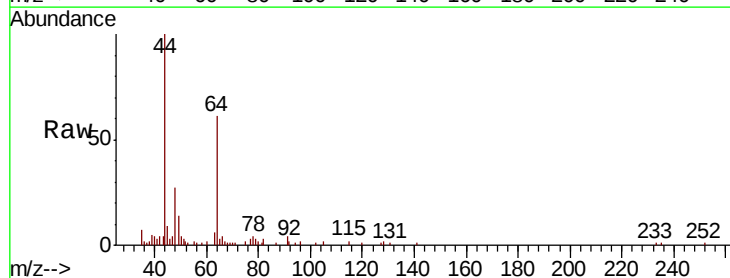
Acq: 07 Sep 2018 20:05

Tgt Ion: 64 Resp: 6843

Ion Ratio Lower Upper

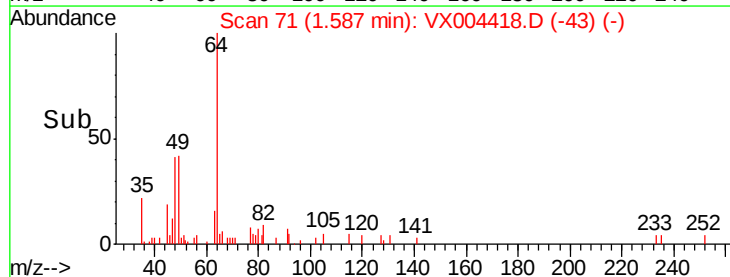
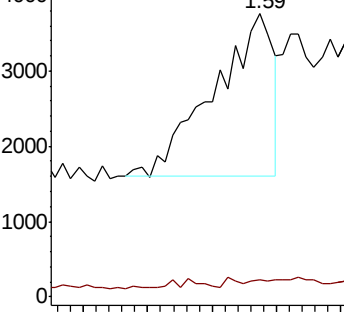
64 100

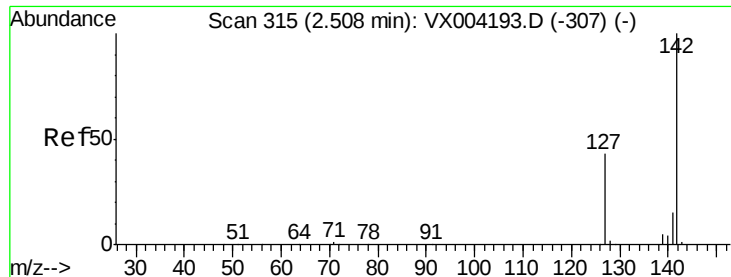
66 5.4 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

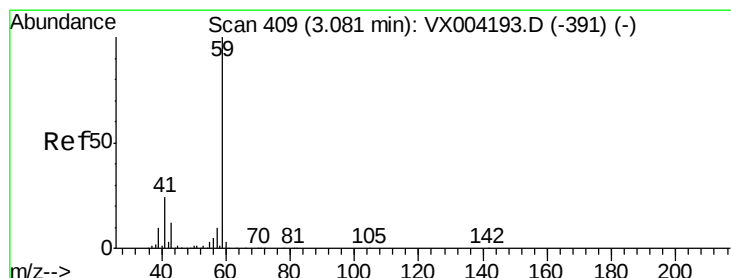
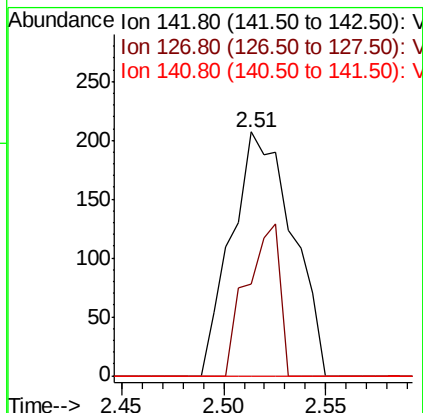
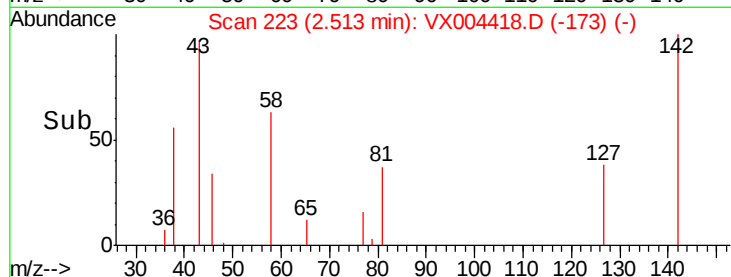
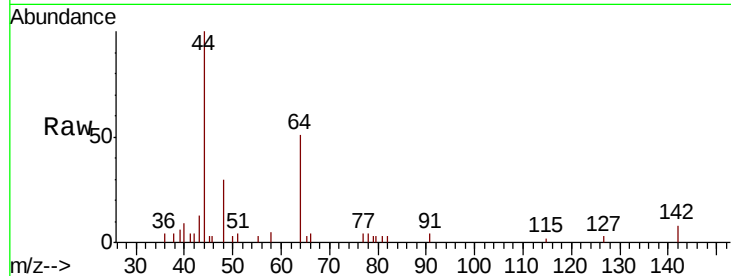




#10
Methyl Iodide
Concen: 4.35 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

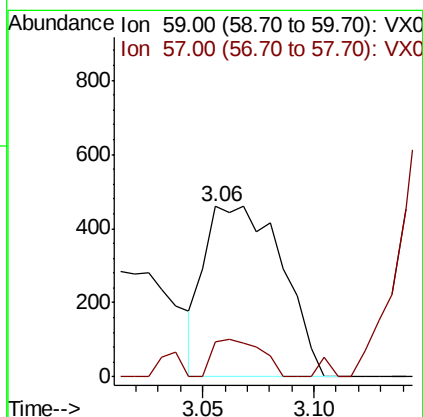
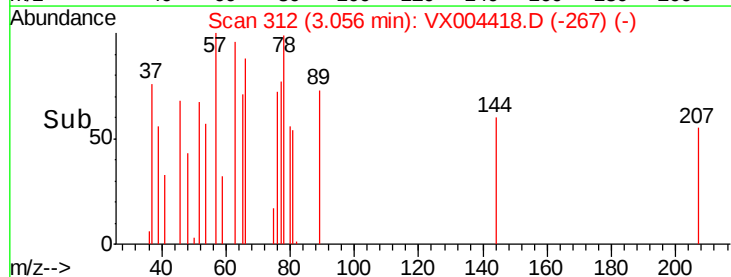
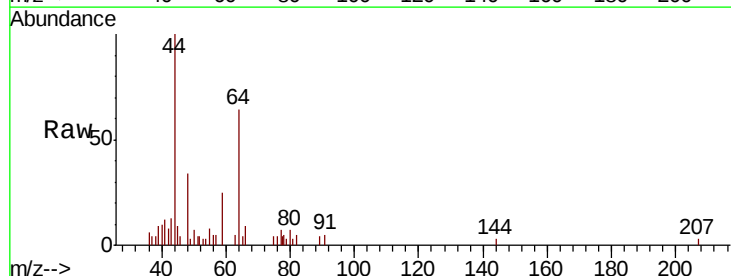
Instrument :
MSVOA_X
ClientSampleId :
PB112672TB

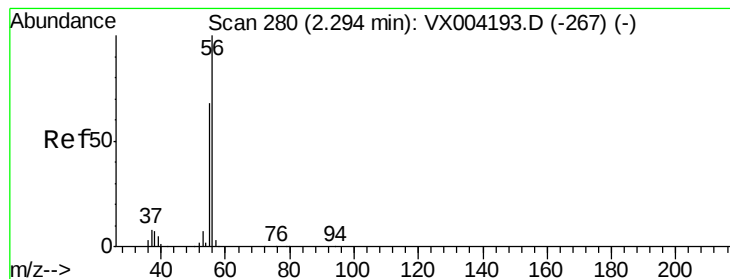
Tot Ion:142 Resp: 431
Ion Ratio Lower Upper
142 100
127 33.9 33.8 50.6
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.12 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Tgt Ion: 59 Resp: 1113
Ion Ratio Lower Upper
59 100
57 14.0 8.2 12.4#





#13

Acrolein

Concen: 3.46 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

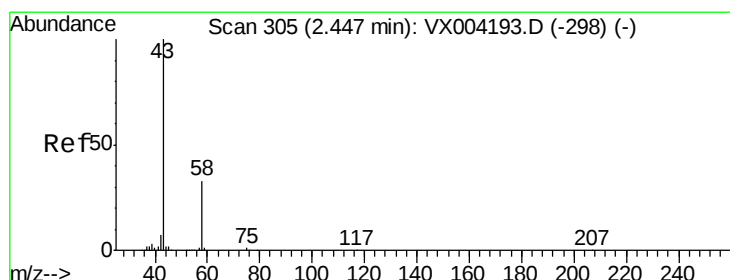
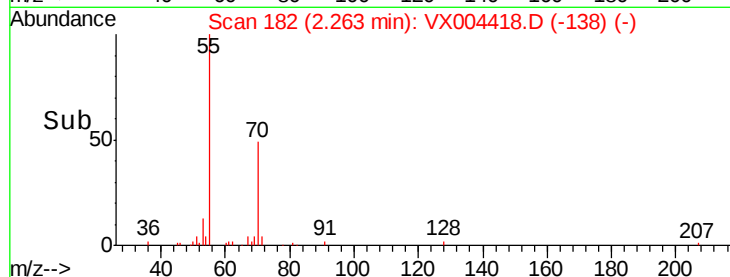
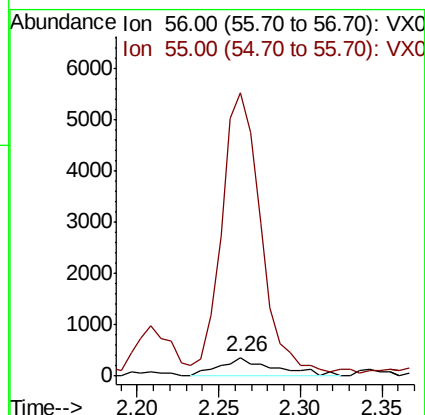
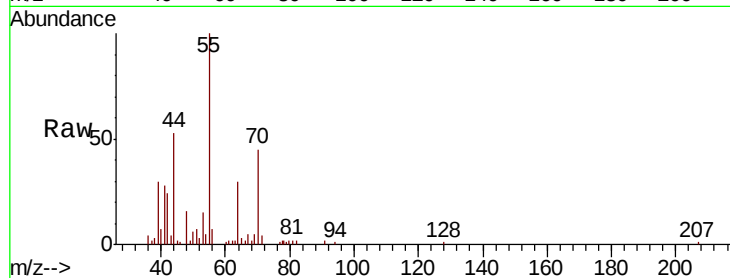
PB112672TB

Tot Ion: 56 Resp: 826

Ion Ratio Lower Upper

56 100

55 1120.5 54.7 82.1#



#16

Acetone

Concen: 27.32 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004418.D

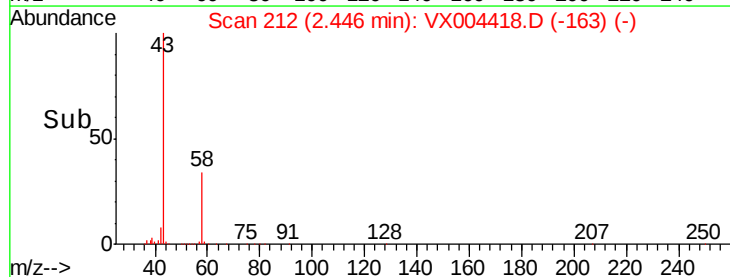
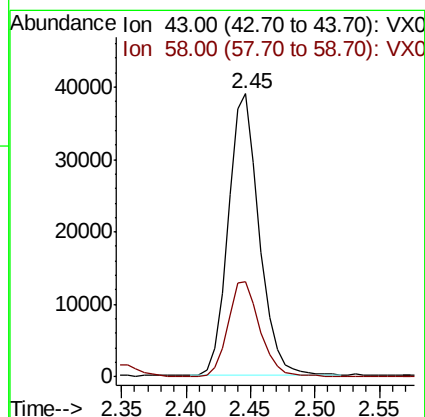
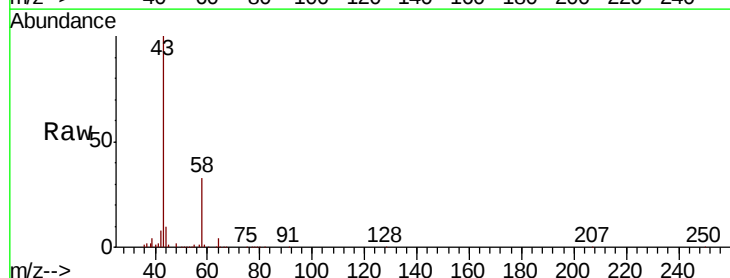
Acq: 07 Sep 2018 20:05

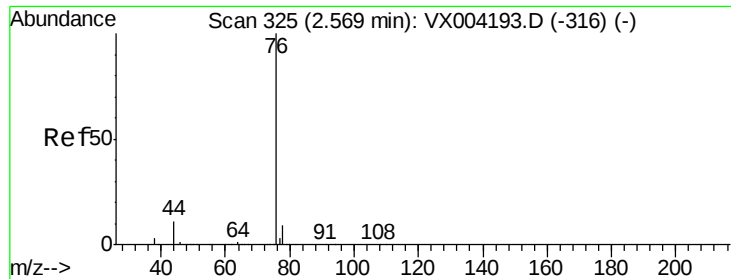
Tgt Ion: 43 Resp: 65412

Ion Ratio Lower Upper

43 100

58 33.5 26.2 39.4

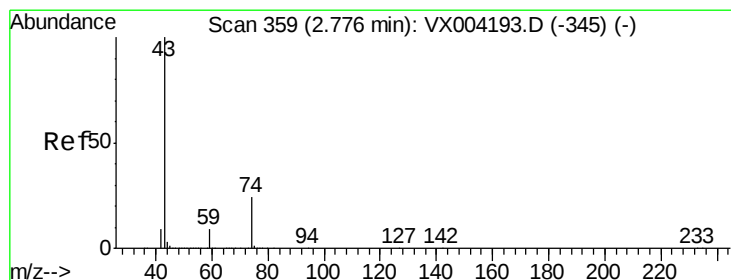
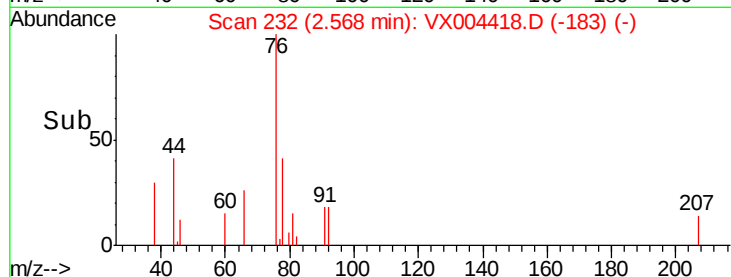
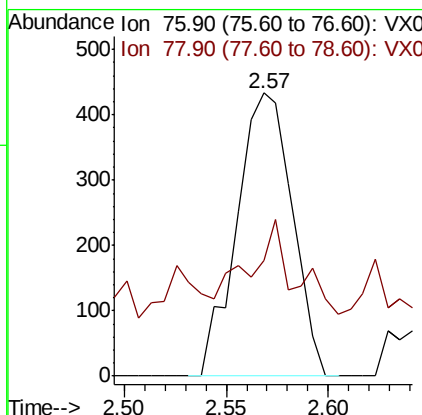
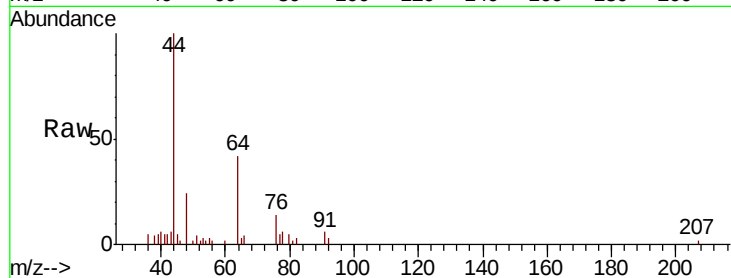




#17
 Carbon Disulfide
 Concen: 0.87 ug/l
 RT: 2.57 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: VX004418.D
 Acq: 07 Sep 2018 20:05

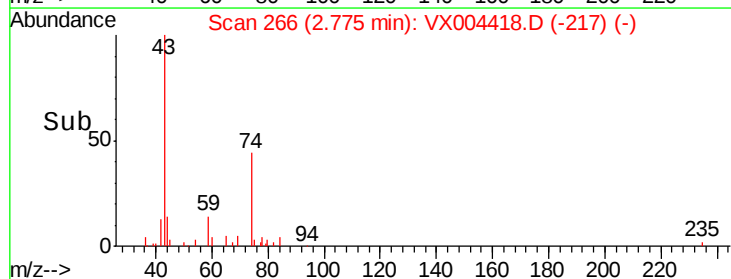
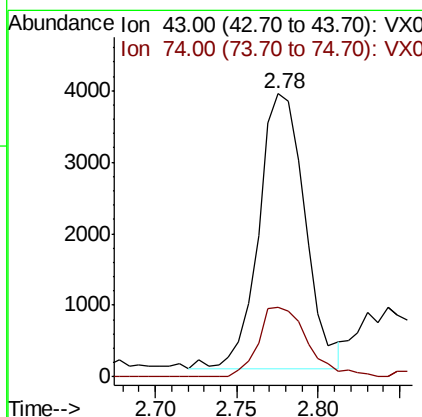
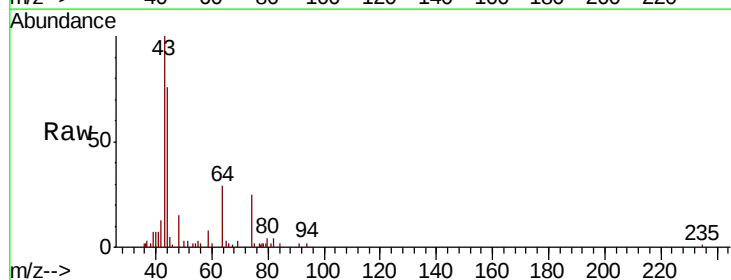
Instrument :
 MSVOA_X
 ClientSampleID :
 PB112672TB

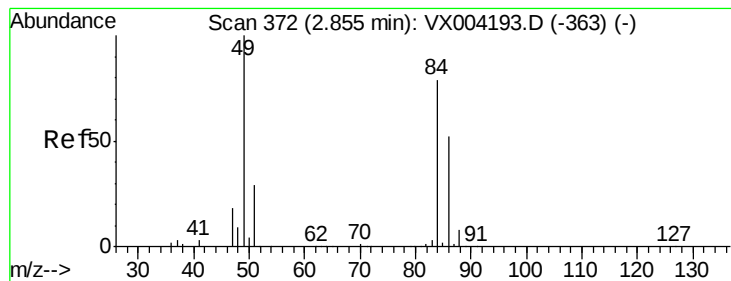
Tot Ion: 76 Resp: 818
 Ion Ratio Lower Upper
 76 100
 78 19.2 7.0 10.6#



#18
 Methyl Acetate
 Concen: 1.10 ug/l
 RT: 2.78 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX004418.D
 Acq: 07 Sep 2018 20:05

Tgt Ion: 43 Resp: 7571
 Ion Ratio Lower Upper
 43 100
 74 27.0 19.4 29.2





#20

Methvlene Chloride

Concen: 15.37 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

PB112672TB

Tot Ion: 84 Resp: 68721

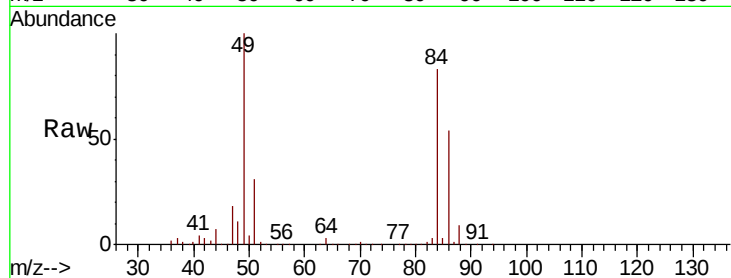
Ion Ratio Lower Upper

84 100

49 120.7 101.2 151.8

51 37.7 29.5 44.3

86 65.2 52.3 78.5

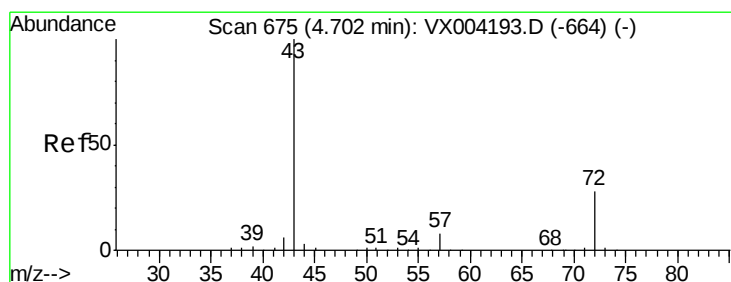
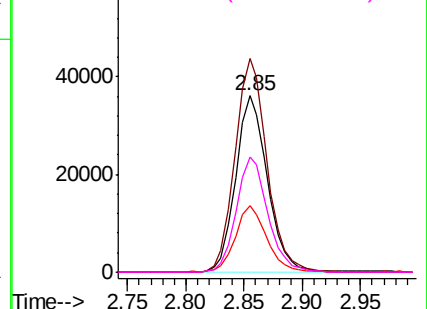
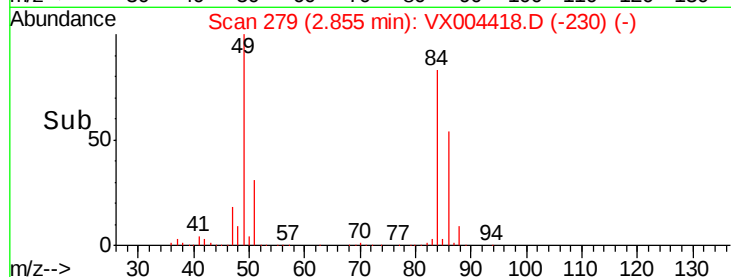


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: Below Cal

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004418.D

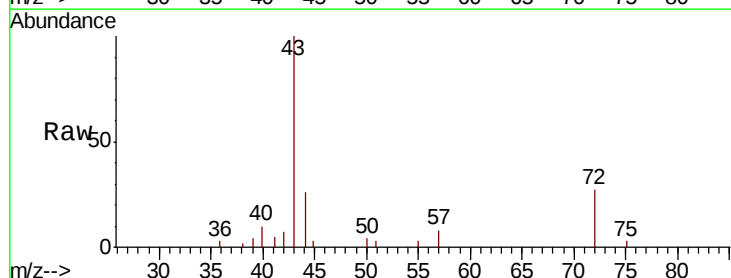
Acq: 07 Sep 2018 20:05

Tgt Ion: 43 Resp: 7181

Ion Ratio Lower Upper

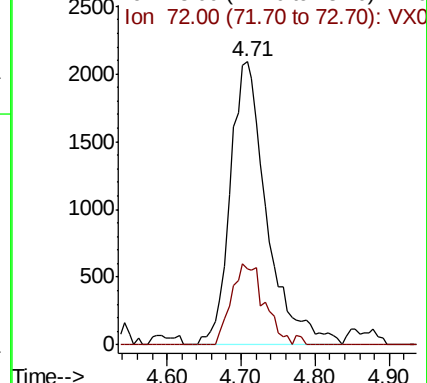
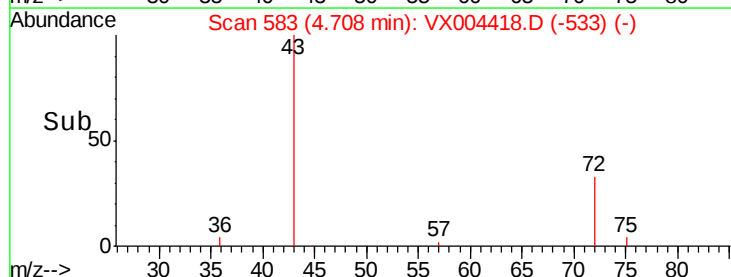
43 100

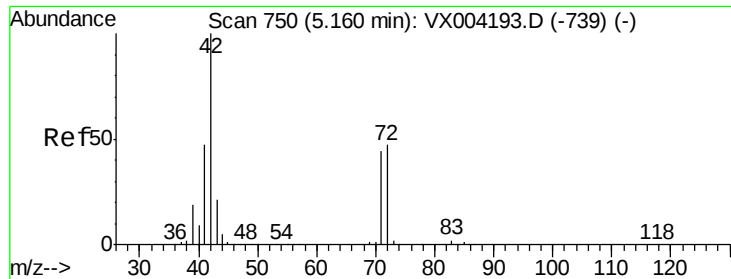
72 27.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.29 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

PB112672TB

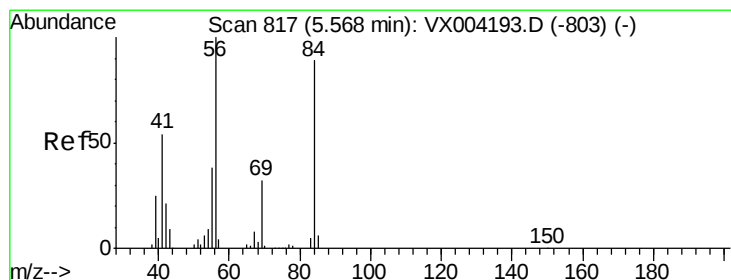
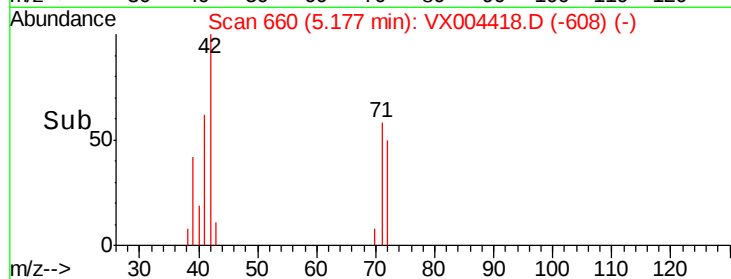
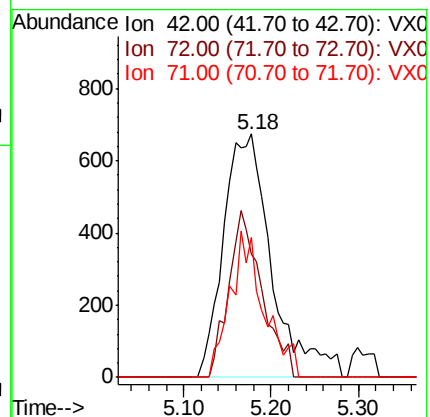
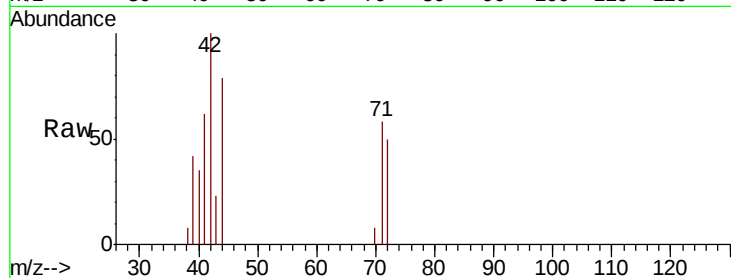
Tot Ion: 42 Resp: 2579

Ion Ratio Lower Upper

42 100

72 47.4 37.4 56.0

71 42.6 34.5 51.7



#31

Cyclohexane

Concen: 0.74 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

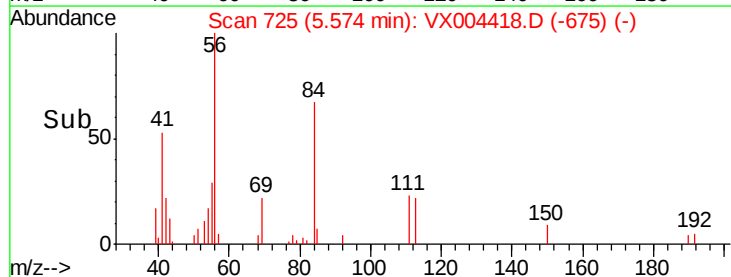
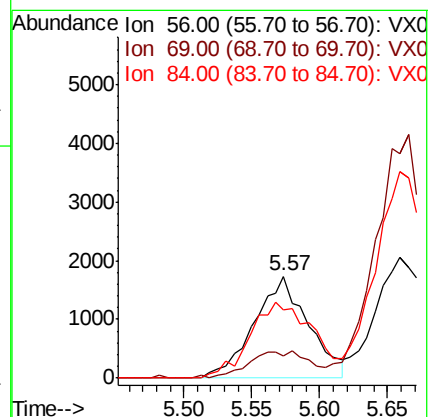
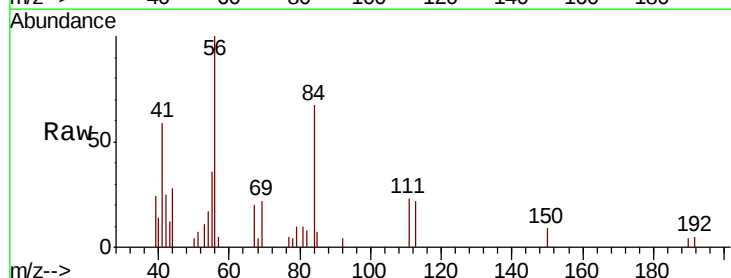
Tgt Ion: 56 Resp: 4818

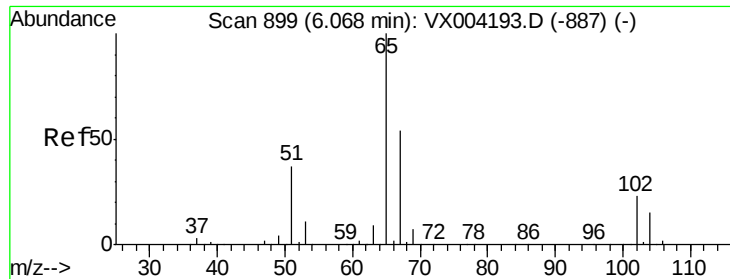
Ion Ratio Lower Upper

56 100

69 22.3 25.4 38.2#

84 66.6 71.4 107.2#

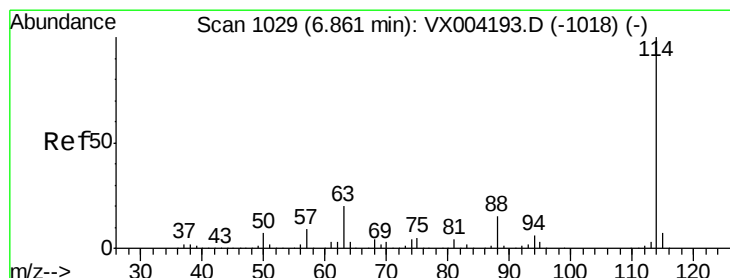
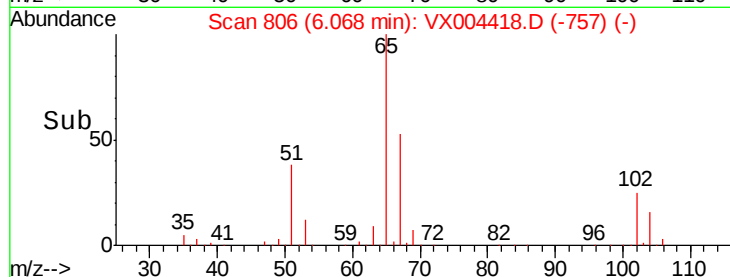
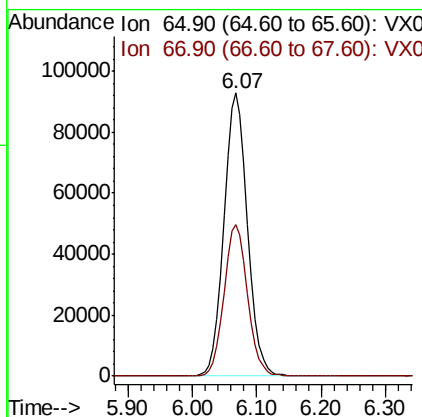
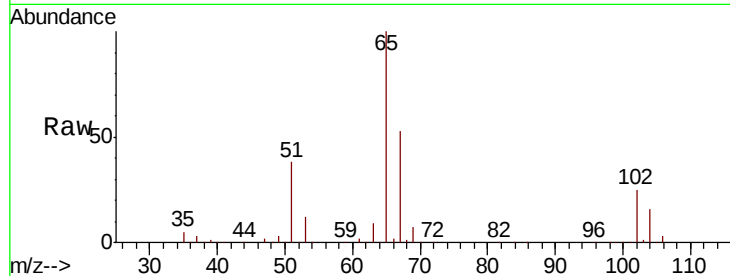




#33
 1,2-Dichloroethane-d4
 Concen: 51.36 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004418.D
 Acq: 07 Sep 2018 20:05

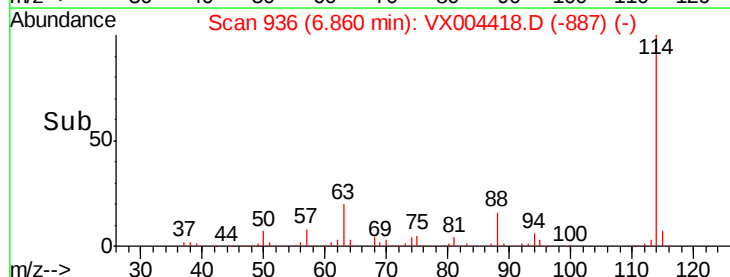
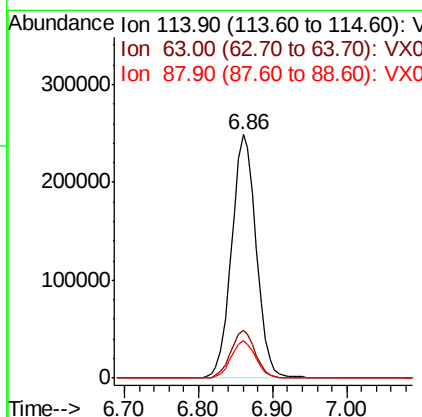
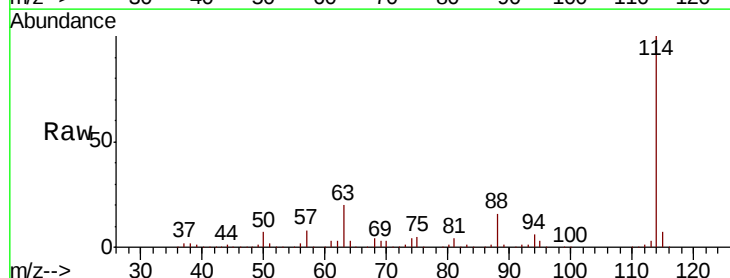
Instrument :
 MSVOA_X
 ClientSampled :
 PB112672TB

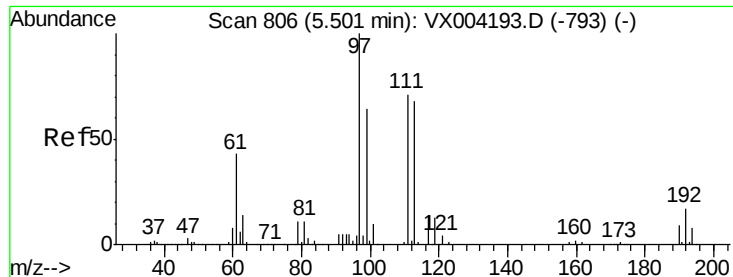
Tot Ion: 65 Resp: 238481
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004418.D
 Acq: 07 Sep 2018 20:05

Tgt Ion: 114 Resp: 576087
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.10 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

PB112672TB

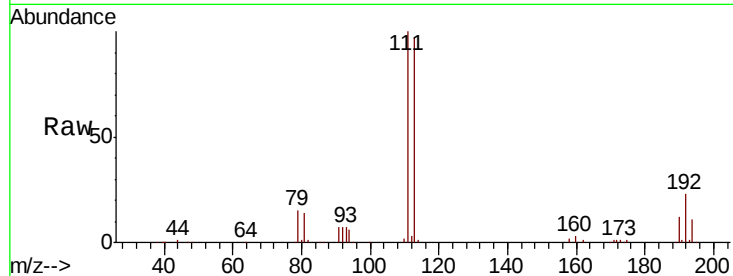
Tot Ion:113 Resp: 210431

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

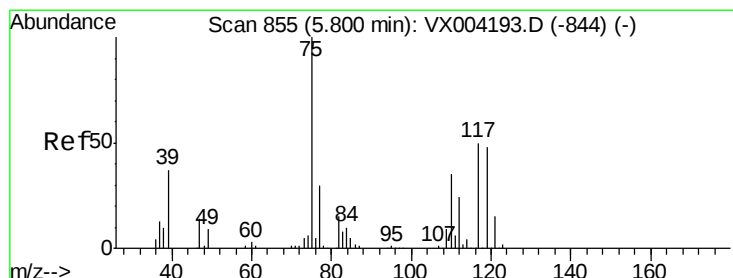
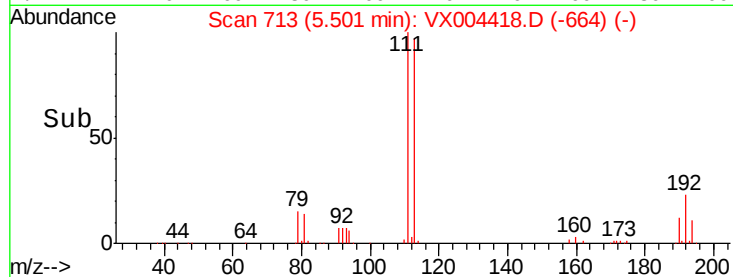
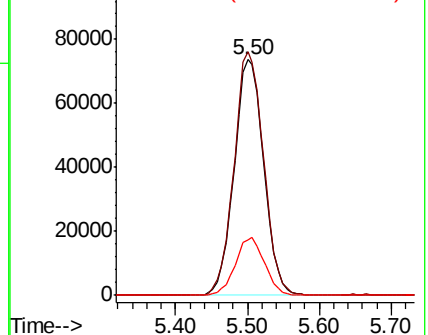
192 24.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.53 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

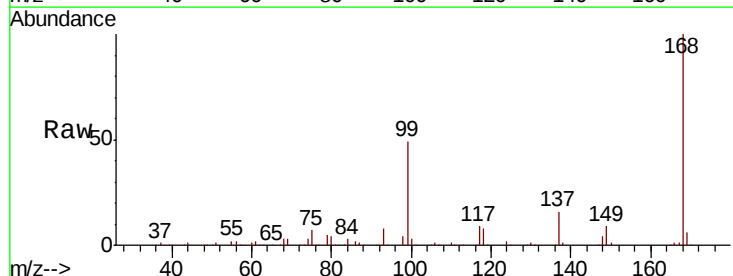
Tgt Ion: 75 Resp: 22863

Ion Ratio Lower Upper

75 100

110 9.4 18.0 54.0#

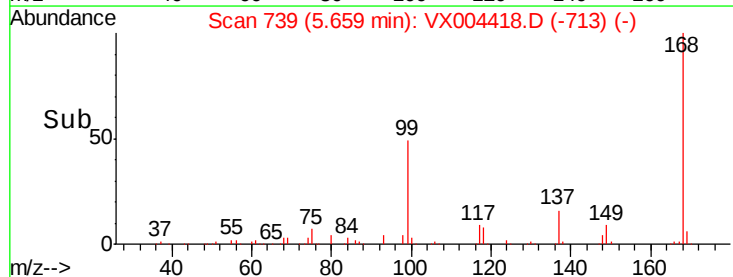
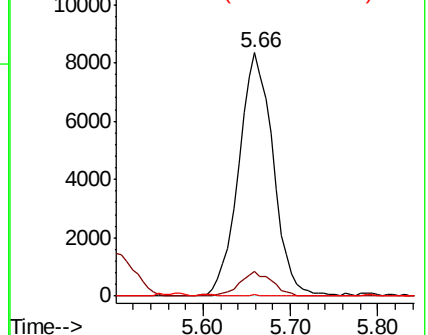
77 0.1 24.6 36.8#

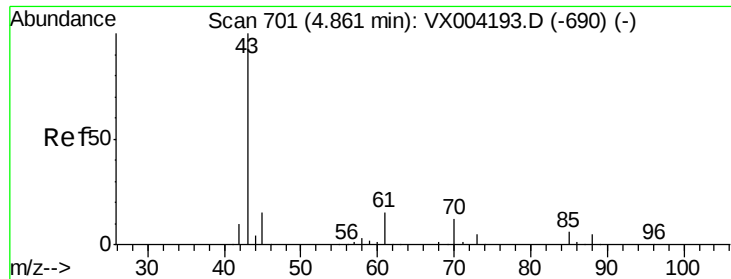


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.13 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampled :

PB112672TB

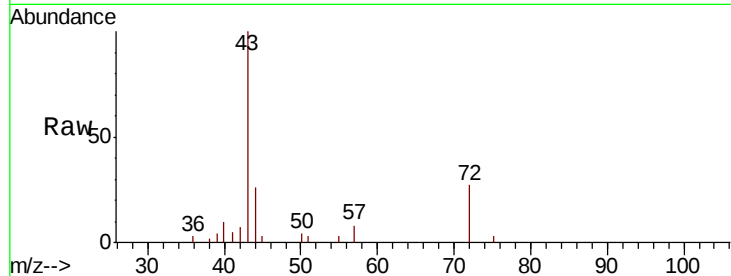
Tot Ion: 43 Resp: 7181

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

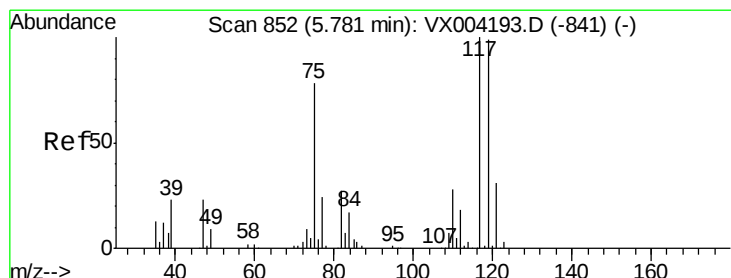
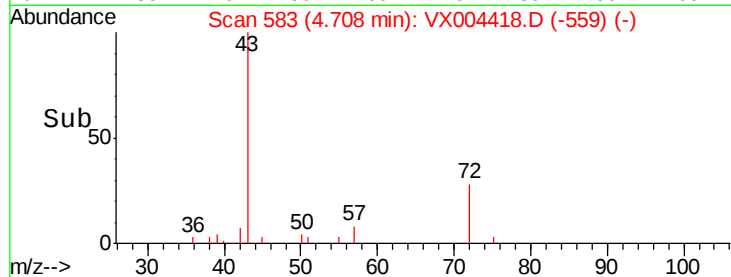
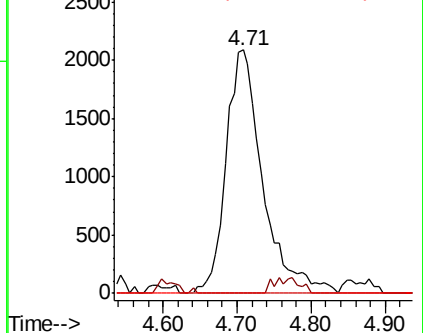
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.08 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

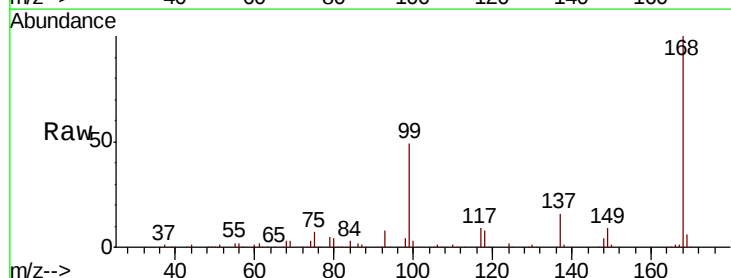
Tgt Ion: 117 Resp: 30931

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

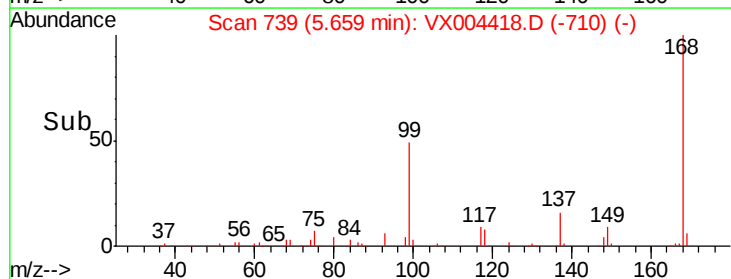
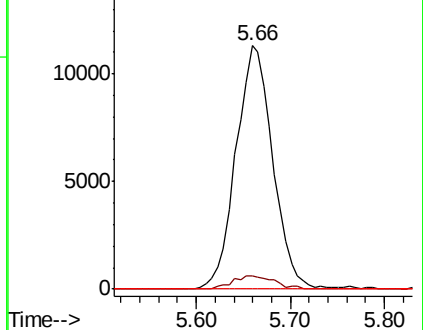
121 0.0 24.9 37.3#

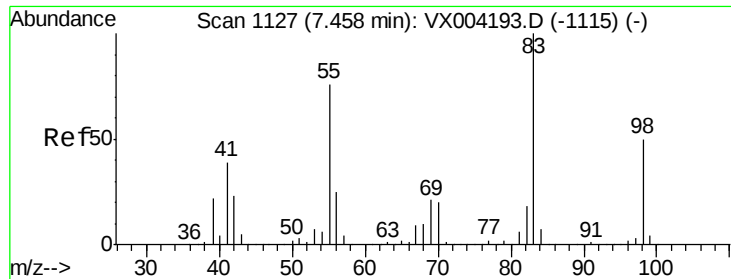


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

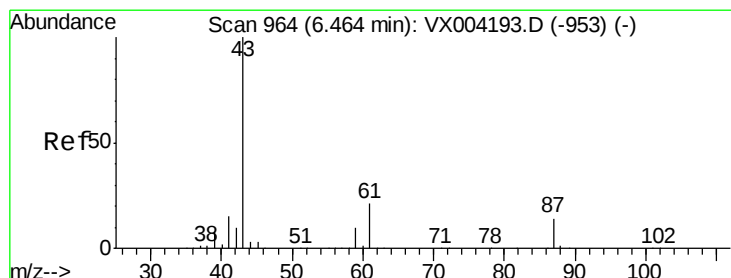
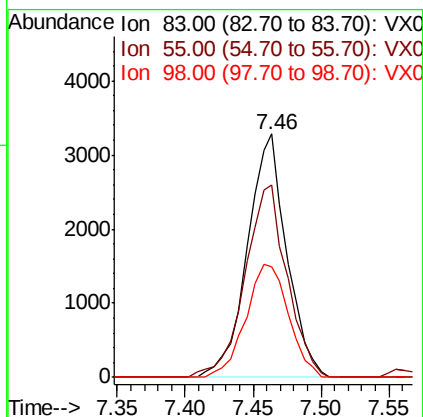
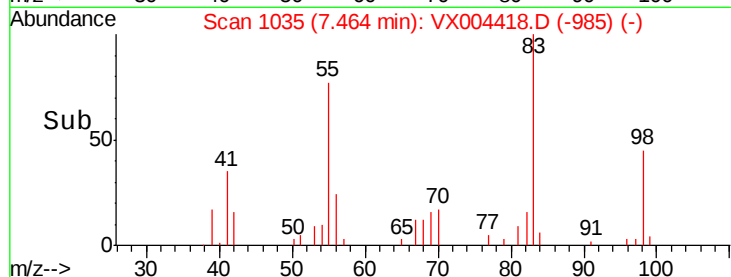
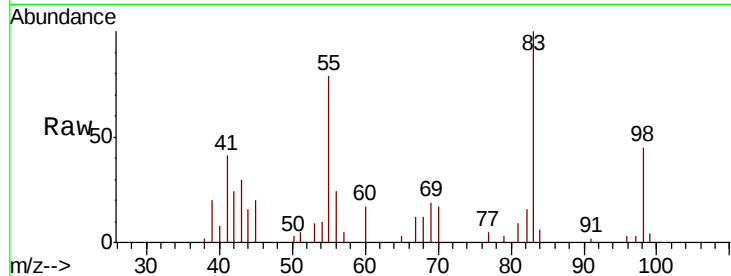




#39
Methvlcvclohexane
Concen: 0.90 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

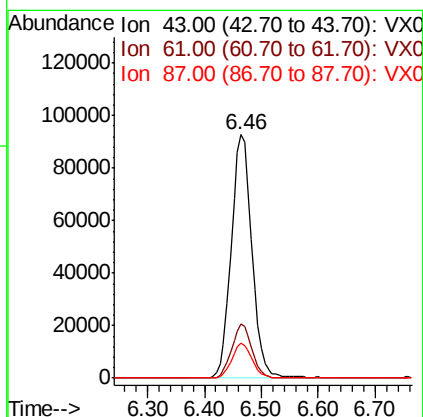
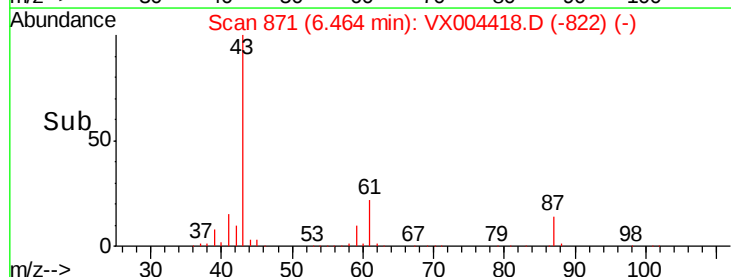
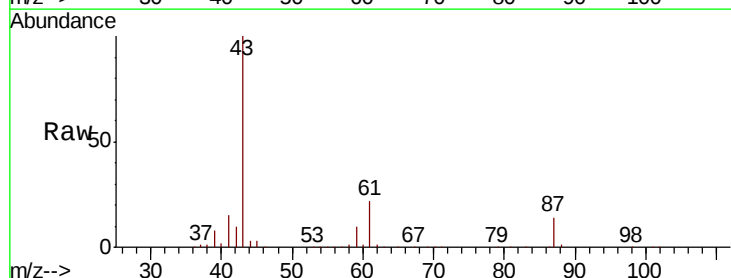
Instrument :
MSVOA_X
ClientSampleId :
PB112672TB

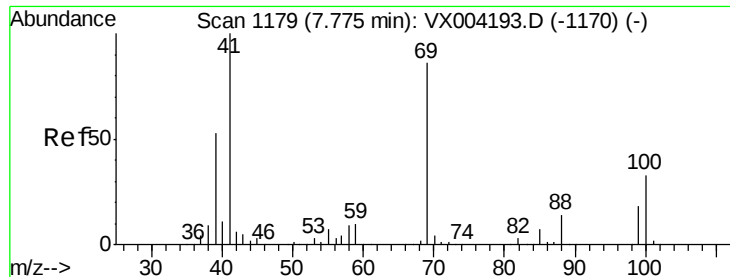
Tot Ion: 83 Resp: 6631
Ion Ratio Lower Upper
83 100
55 79.0 61.0 91.4
98 45.5 39.6 59.4



#43
Isopropyl Acetate
Concen: 24.20 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Tgt Ion: 43 Resp: 236879
Ion Ratio Lower Upper
43 100
61 21.4 17.0 25.4
87 14.0 11.4 17.2





#48

Methvl methacrylate

Concen: 1.86 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

PB112672TB

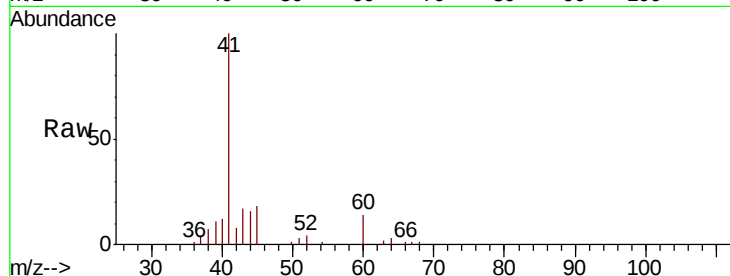
Tot Ion: 41 Resp: 9758

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

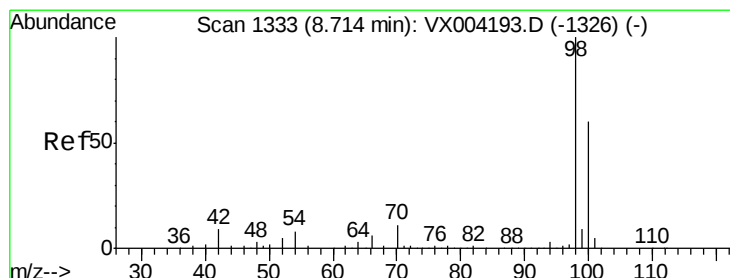
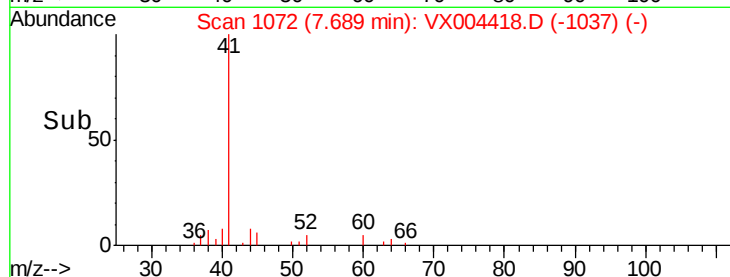
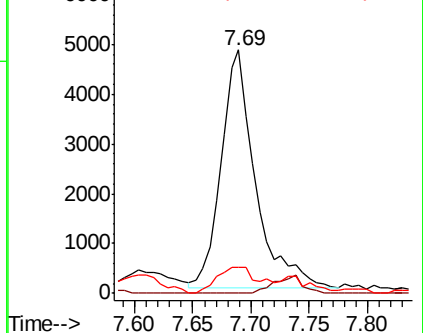
39 13.4 42.7 64.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 50.08 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004418.D

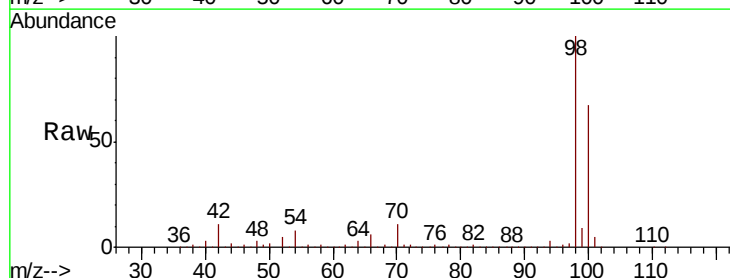
Acq: 07 Sep 2018 20:05

Tgt Ion: 98 Resp: 810145

Ion Ratio Lower Upper

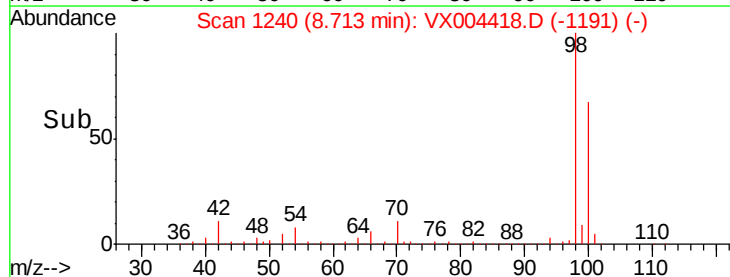
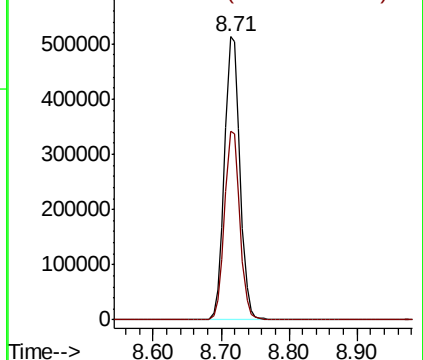
98 100

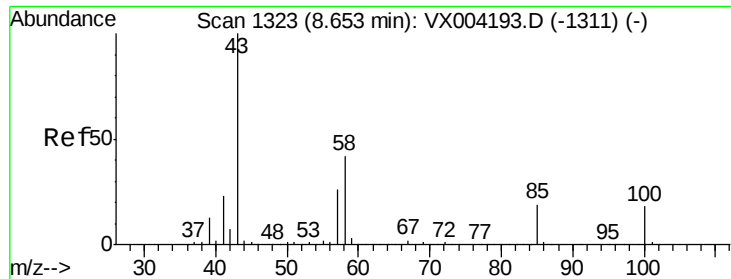
100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.46 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampleID :

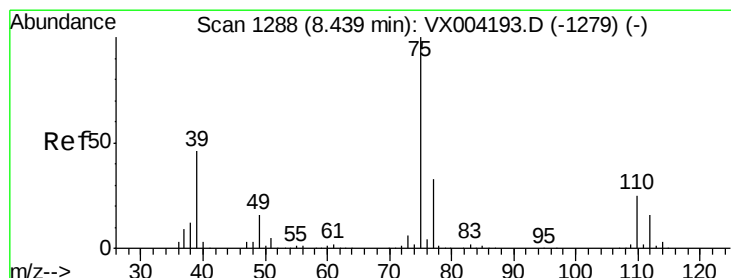
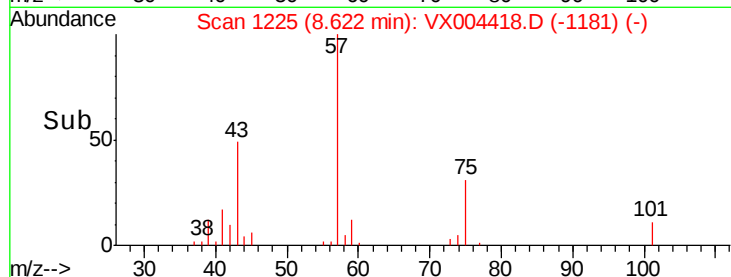
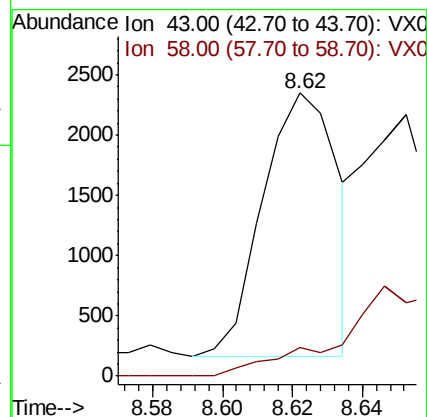
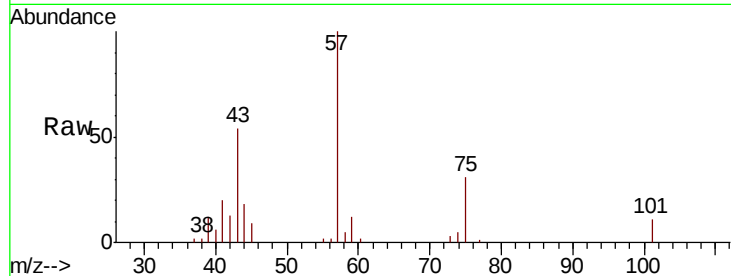
PB112672TB

Tot Ion: 43 Resp: 3258

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



#54

cis-1,3-Dichloropropene

Concen: 0.26 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

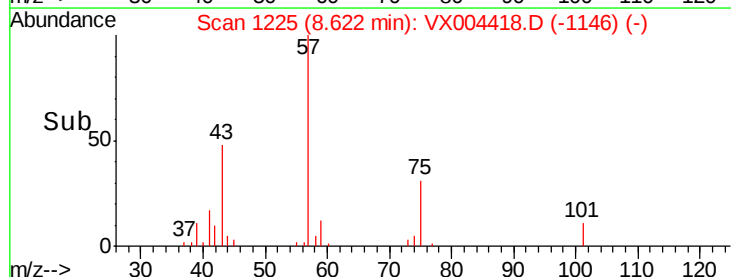
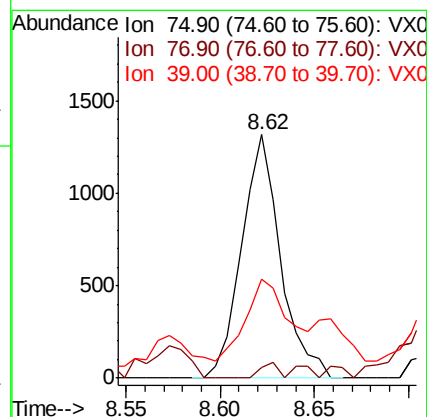
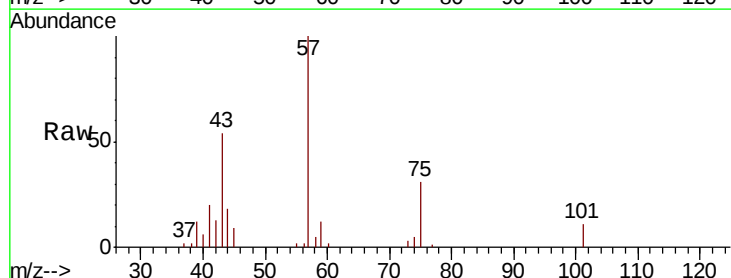
Tgt Ion: 75 Resp: 1879

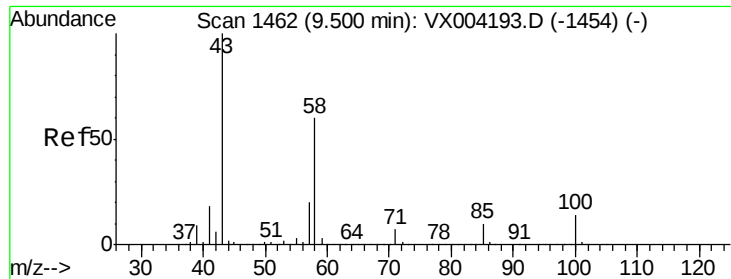
Ion Ratio Lower Upper

75 100

77 0.1 26.2 39.2#

39 31.1 36.4 54.6#

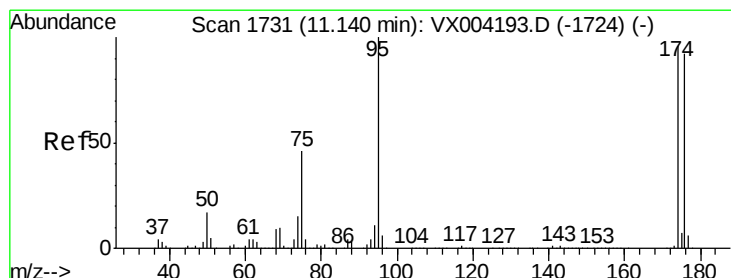
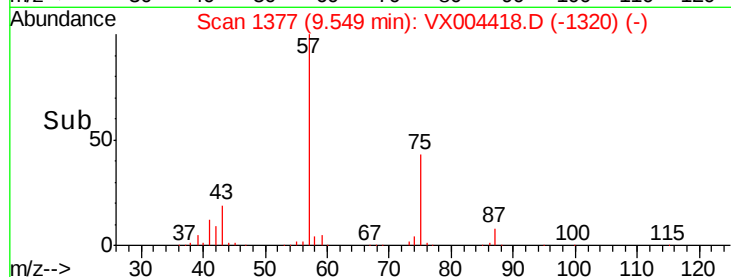
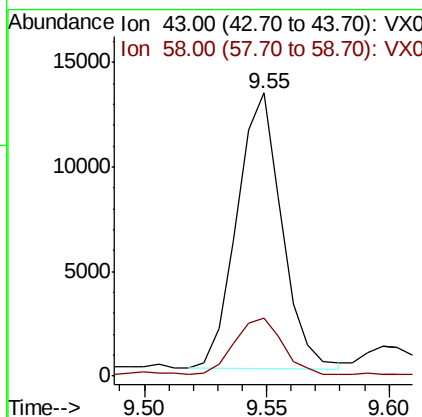
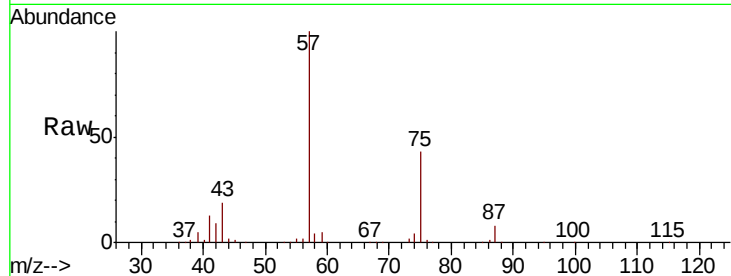




#59
2-Hexanone
Concen: 3.10 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

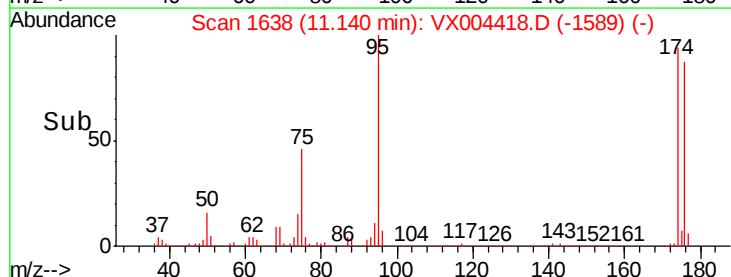
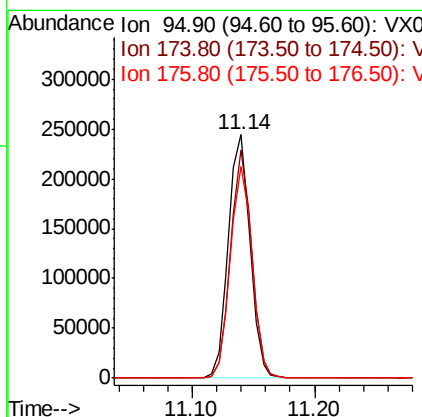
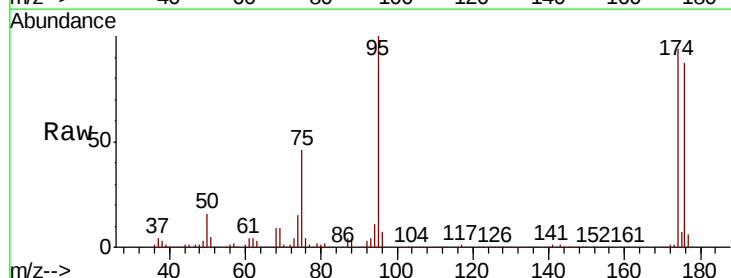
Instrument :
MSVOA_X
ClientSampled :
PB112672TB

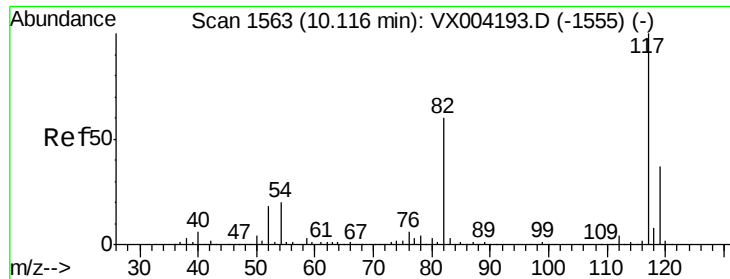
Tot Ion: 43 Resp: 16825
Ion Ratio Lower Upper
43 100
58 21.9 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 49.59 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Tgt Ion: 95 Resp: 299340
Ion Ratio Lower Upper
95 100
174 90.7 0.0 185.2
176 87.1 0.0 178.6

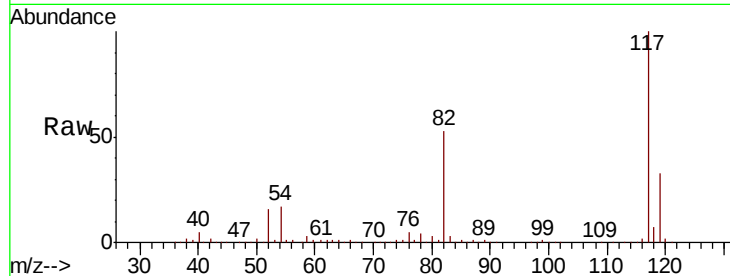




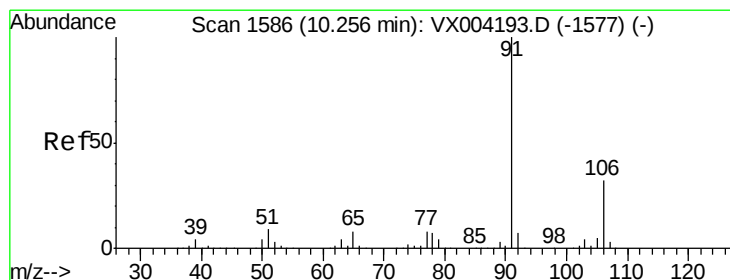
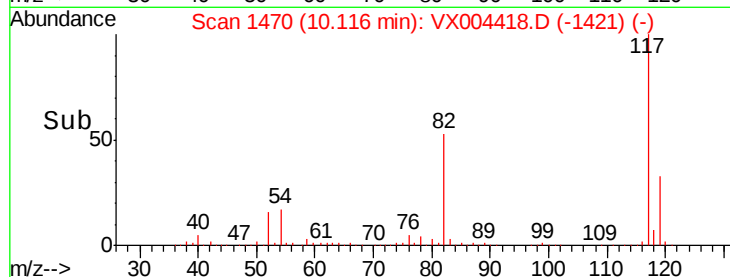
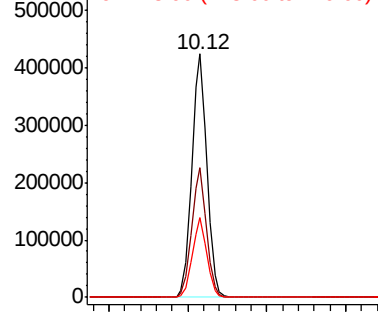
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Instrument :
MSVOA_X
ClientSampled :
PB112672TB

Tot Ion:117 Resp: 563236
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.5 29.3 43.9

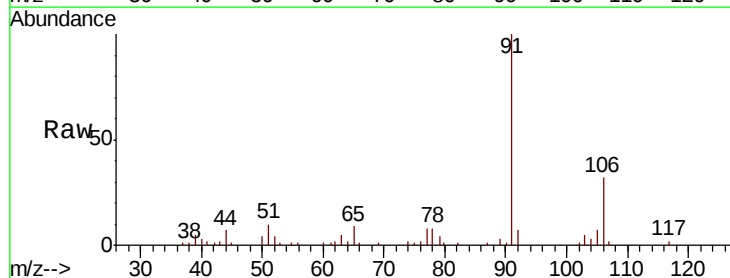


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

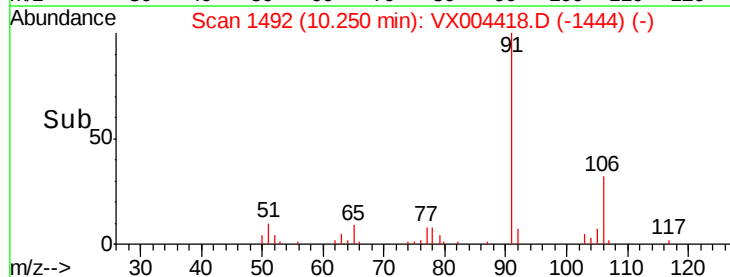
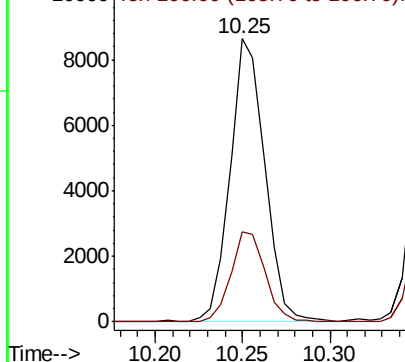


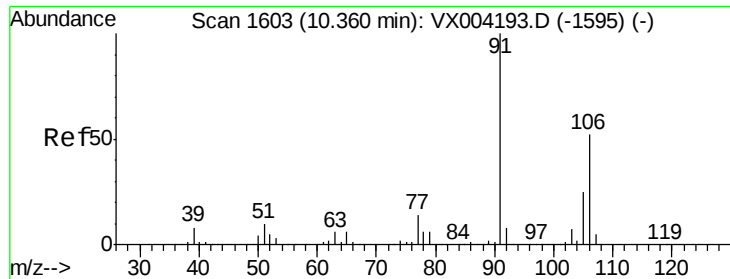
#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Tgt Ion: 91 Resp: 11928
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



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

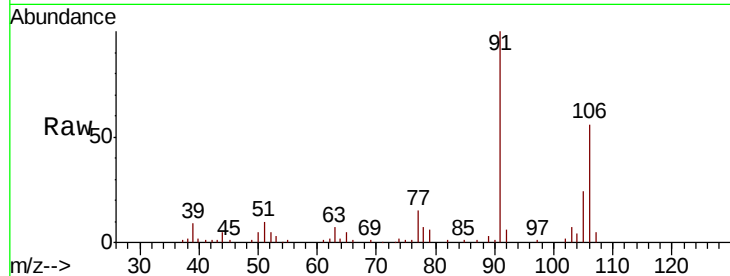




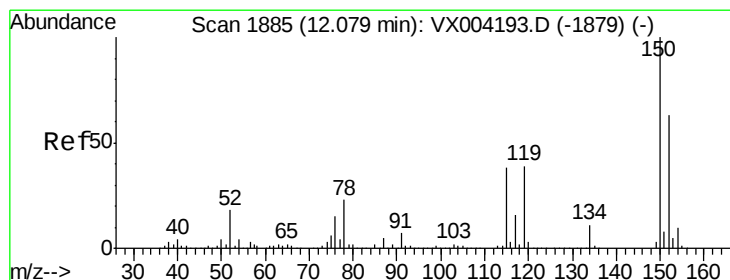
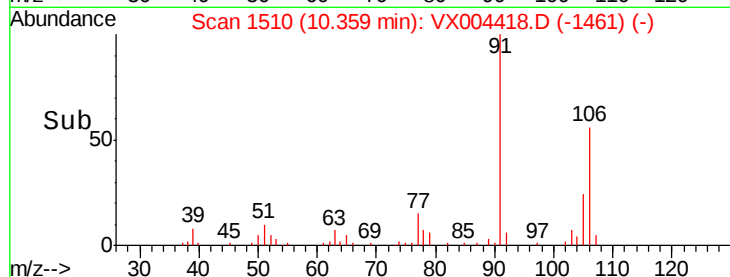
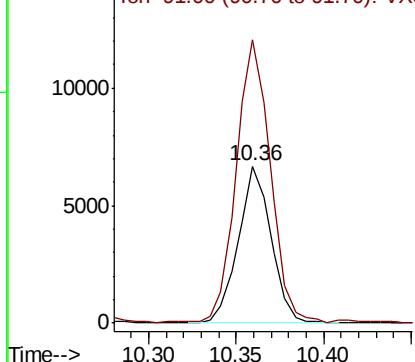
#68
m/p-Xvlenes
Concen: 0.97 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Instrument :
MSVOA_X
ClientSampled :
PB112672TB

Tot Ion:106 Resp: 8714
Ion Ratio Lower Upper
106 100
91 188.8 157.1 235.7

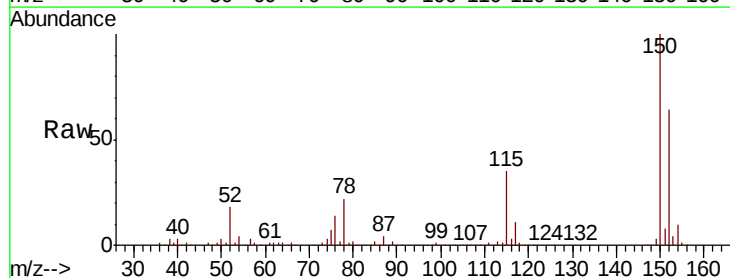


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

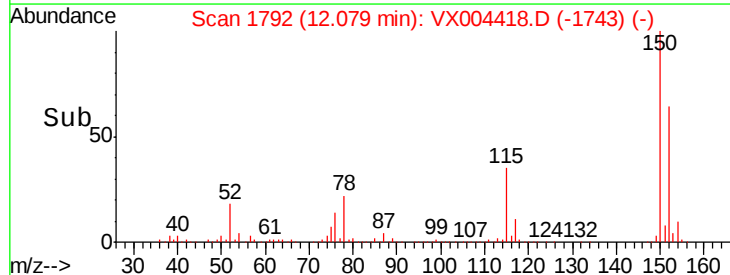
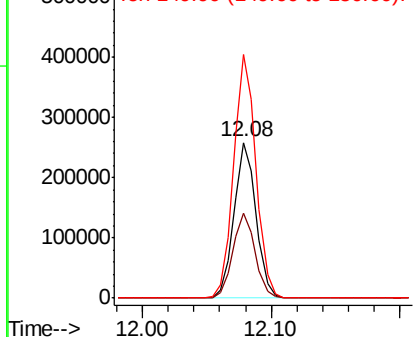


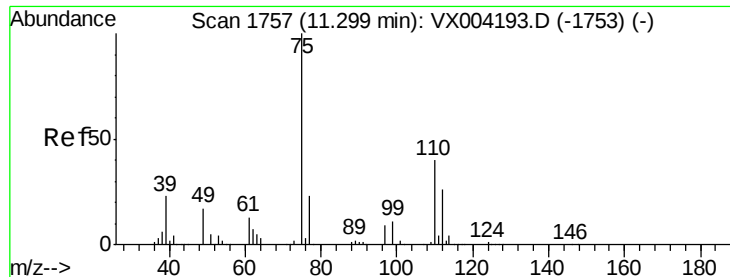
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Tgt Ion:152 Resp: 308700
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 157.8 0.0 351.0



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

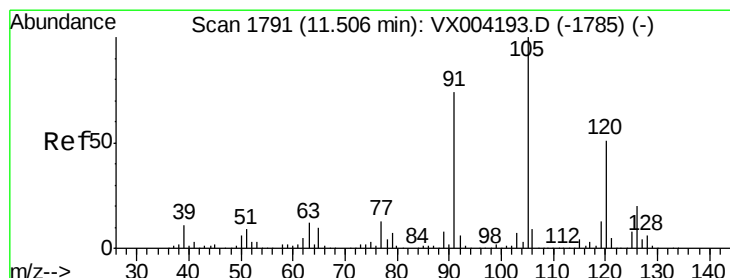
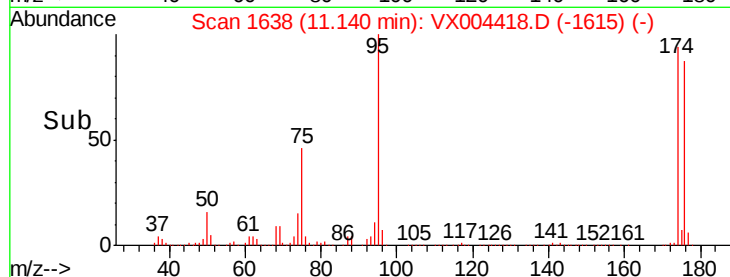
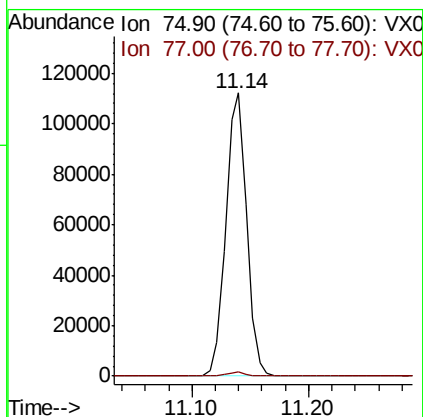
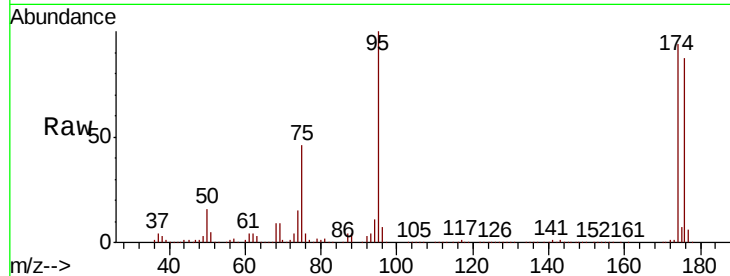




#76
 1,2,3-Trichloropropane
 Concen: 22.14 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004418.D
 Acq: 07 Sep 2018 20:05

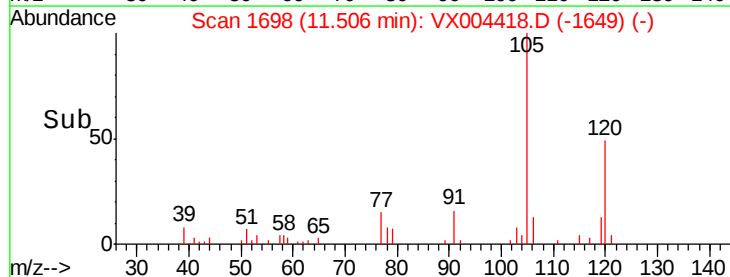
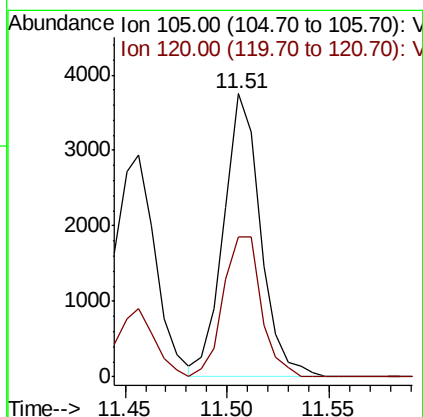
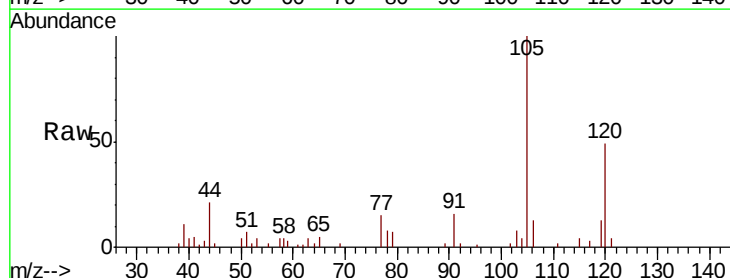
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112672TB

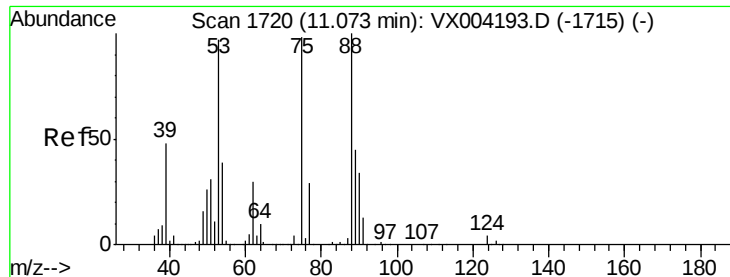
Tot Ion: 75 Resp: 139015
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.2 60.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004418.D
 Acq: 07 Sep 2018 20:05

Tgt Ion:105 Resp: 4684
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 71.84 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX004418.D

Acq: 07 Sep 2018 20:05

Instrument :

MSVOA_X

ClientSampled :

PB112672TB

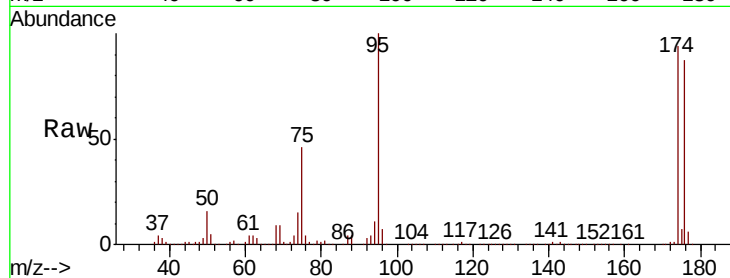
Tot Ion: 75 Resp: 139015

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

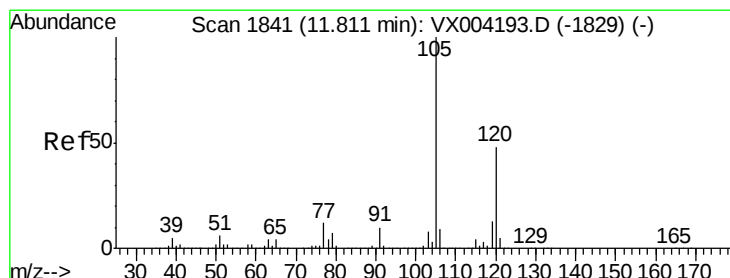
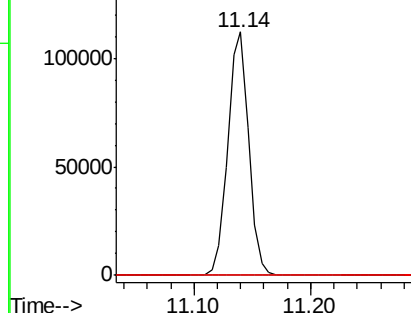
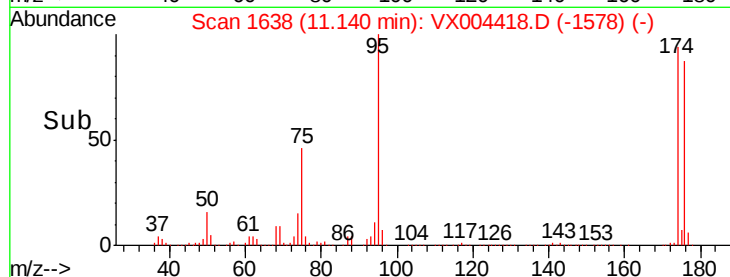
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.45 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004418.D

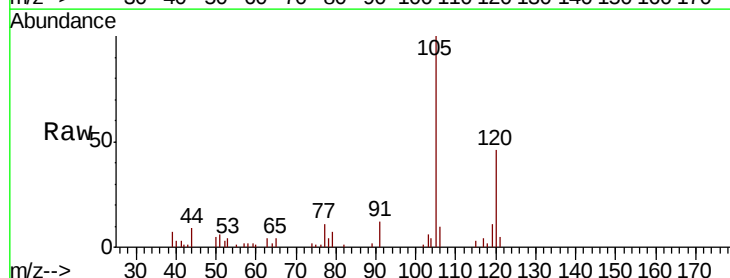
Acq: 07 Sep 2018 20:05

Tgt Ion: 105 Resp: 7710

Ion Ratio Lower Upper

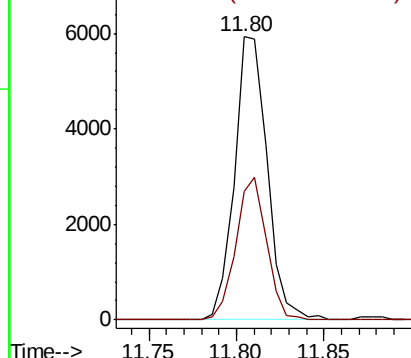
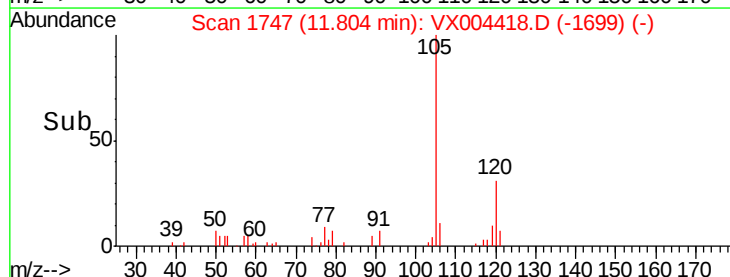
105 100

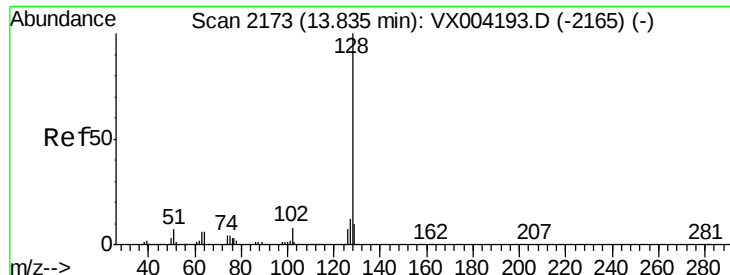
120 47.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 0.41 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004418.D
Acq: 07 Sep 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
PB112672TB

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.2
129	9.9	8.6	12.8

