

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004368.D
 Acq On : 05 Sep 2018 13:35
 Operator : JC/MD
 Sample : J4712-13ME
 Misc : 5.34g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 05 14:08:21 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	5.65	168	252884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251333	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	170943	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
35) Dibromofluoromethane	5.50	113	142442	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	8.71	98	576745	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.14	95	231961	55.27	ug/l	0.00
Spiked Amount			Recovery	=	110.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1245	0.67	ug/l	# 85
5) Bromomethane	1.63	94	1894	Below	Cal	# 80
6) Chloroethane	1.70	64	613	1.20	ug/l	# 44
10) Methyl Iodide	2.48	142	1855	4.79	ug/l	# 97
11) Tert butyl alcohol	3.02	59	11265	16.03	ug/l	# 74
13) Acrolein	2.31	56	324	1.91	ug/l	# 81
16) Acetone	2.50	43	5998	Below	Cal	# 93
17) Carbon Disulfide	2.53	76	1567	1.01	ug/l	# 85
18) Methyl Acetate	2.80	43	18941	3.87	ug/l	# 98
20) Methylene Chloride	2.84	84	2300	0.72	ug/l	# 90
29) Tetrahydrofuran	5.20	42	945	0.67	ug/l	# 1
31) Cyclohexane	5.58	56	14838	3.21	ug/l	# 39
36) 1,1-Dichloropropene	5.65	75	16796	3.73	ug/l	# 50
37) Ethyl Acetate	4.75	43	6404	1.45	ug/l	# 67
38) Carbon Tetrachloride	5.65	117	22136	5.23	ug/l	# 16
39) Methylcyclohexane	7.45	83	5232	1.02	ug/l	# 92
41) Methacrylonitrile	5.20	41	1649	0.64	ug/l	# 41
48) Methyl methacrylate	7.73	41	1481	0.41	ug/l	# 86
51) 4-Methyl-2-Pentanone	8.67	43	3802	0.77	ug/l	# 77
52) Toluene	8.79	92	14225	1.69	ug/l	# 99
55) 1,1,2-Trichloroethane	9.16	97	7619	2.24	ug/l	# 21
56) Ethyl methacrylate	9.16	69	1949	0.42	ug/l	# 13
67) Ethyl Benzene	10.25	91	59714	3.64	ug/l	# 100
68) m/p-Xylenes	10.36	106	115448	17.99	ug/l	# 99
69) o-Xylene	10.70	106	41676	6.86	ug/l	# 99
70) Styrene	10.70	104	2901	0.30	ug/l	# 1
76) 1,2,3-Trichloropropane	11.14	75	110280	21.57	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.51	105	3812	0.28	ug/l	# 93
81) trans-1,4-Dichloro-2-buten	11.14	75	110280	70.00	ug/l	# 10
84) 1,2,4-Trimethylbenzene	11.81	105	12137	0.86	ug/l	# 79
86) p-Isopropyltoluene	12.07	119	6113	0.42	ug/l	# 86
89) n-Butylbenzene	12.39	91	3023	0.25	ug/l	# 74
90) Hexachloroethane	12.59	117	533	0.26	ug/l	# 3
95) Naphthalene	13.83	128	6411	0.39	ug/l	# 1

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 05 14:08:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
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Response via : Initial Calibration

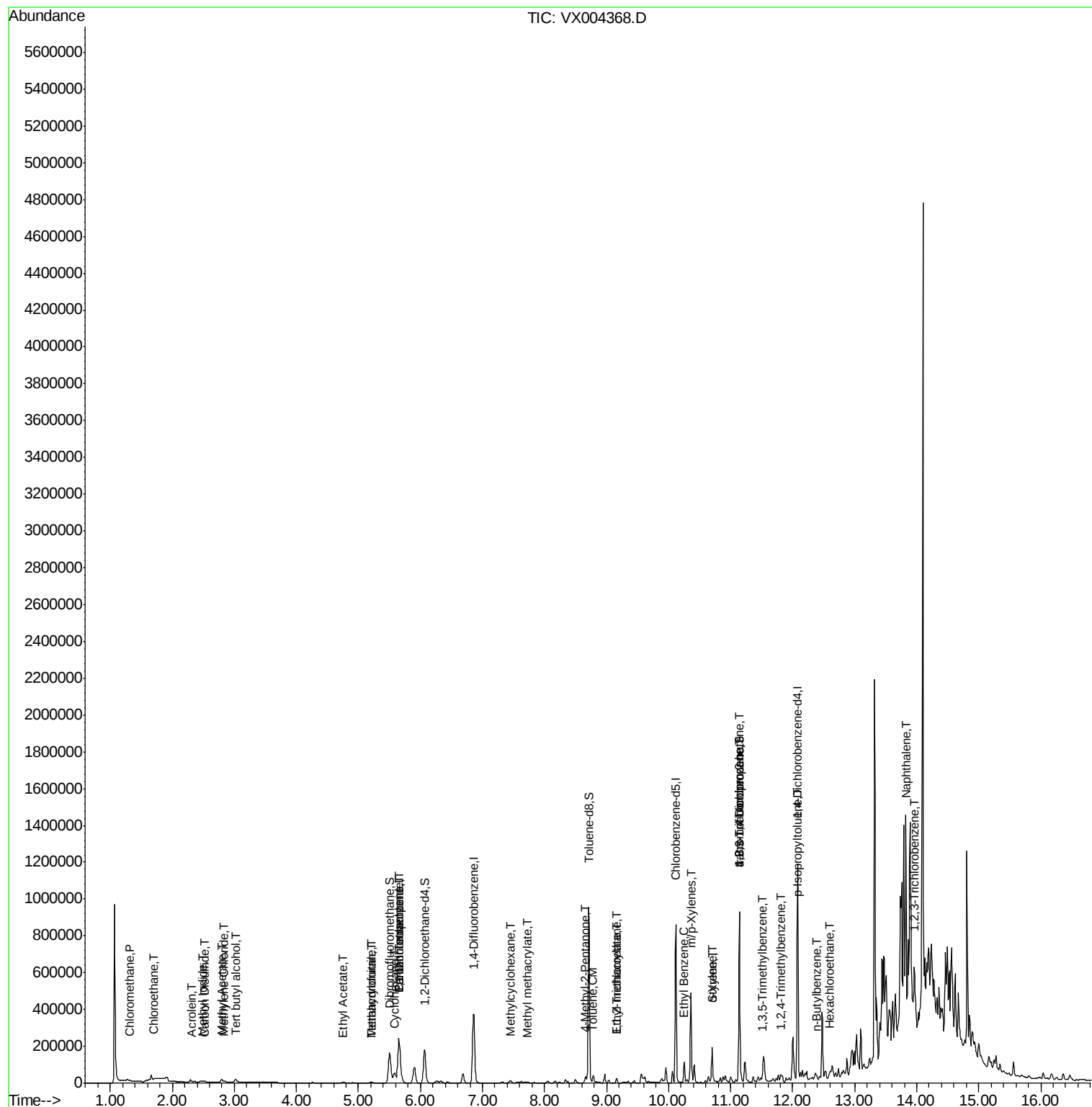
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.98	180	4860	0.79	ug/l	88

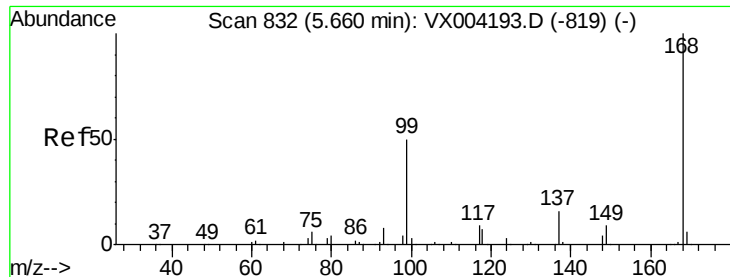
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

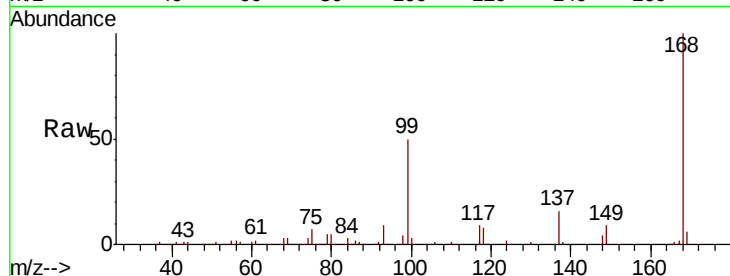
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 252884

Ion Ratio Lower Upper

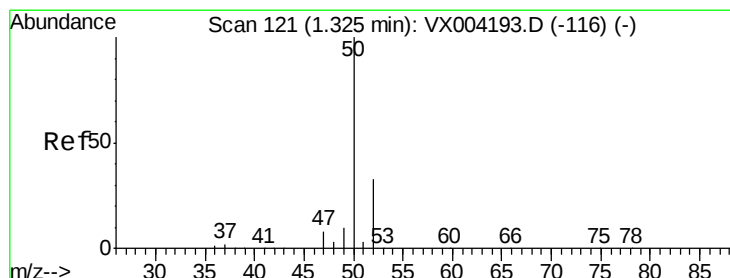
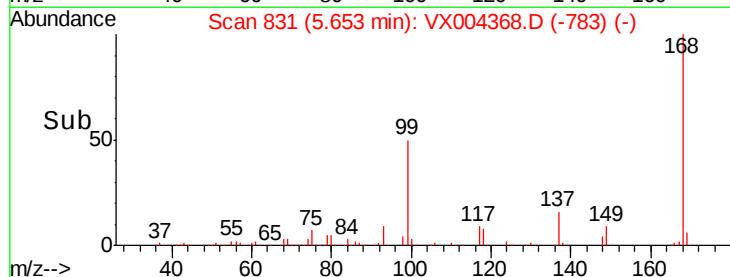
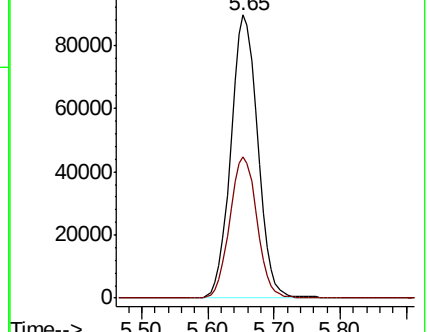
168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.67 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004368.D

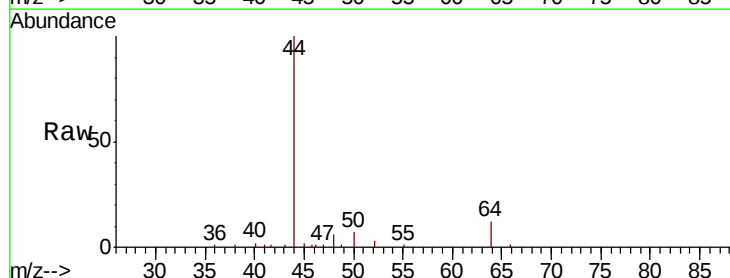
Acq: 05 Sep 2018 13:35

Tgt Ion: 50 Resp: 1245

Ion Ratio Lower Upper

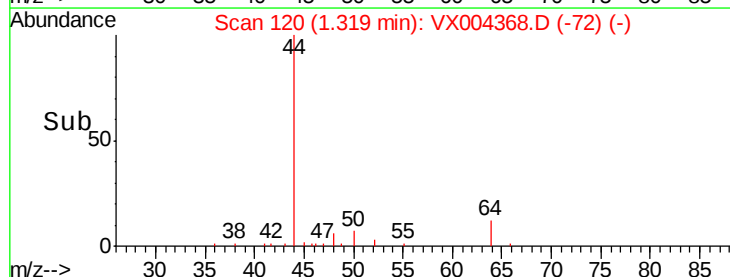
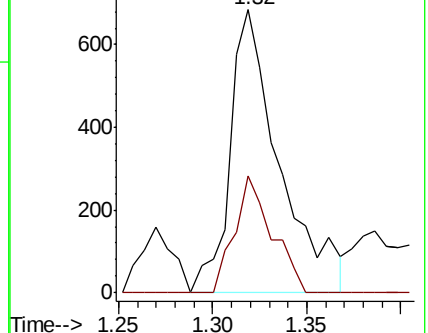
50 100

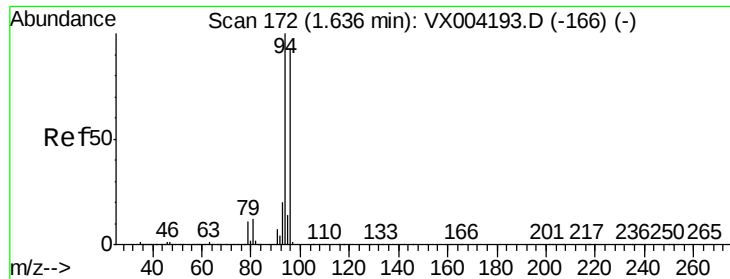
52 41.1 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

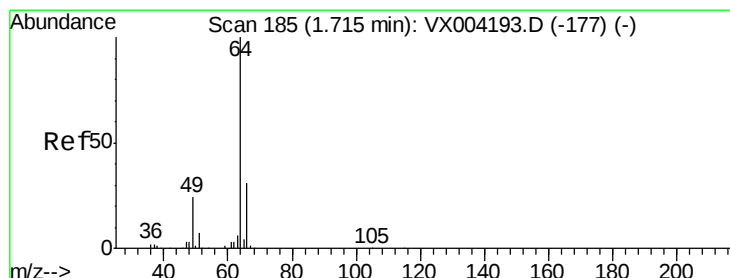
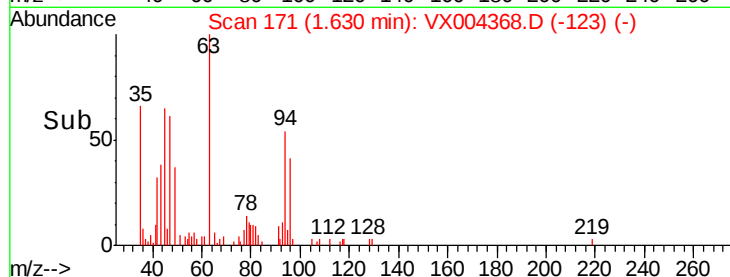
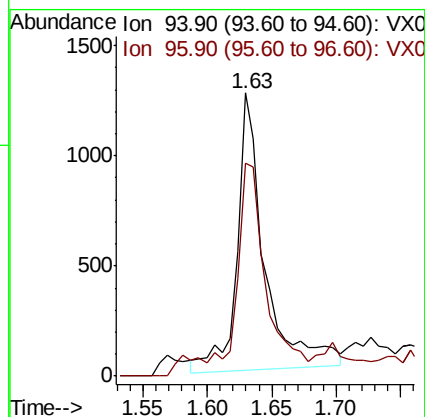
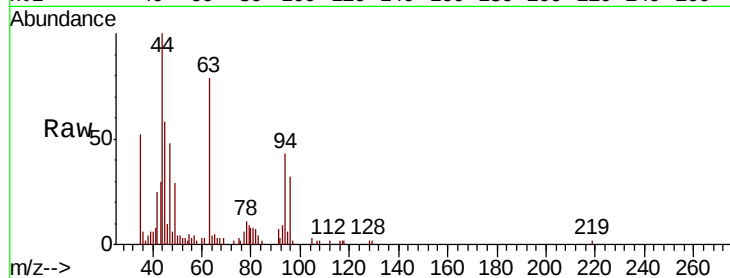
ClientSampled :

Tot Ion: 94 Resp: 1894

Ion Ratio Lower Upper

94 100

96 73.9 74.5 111.7#



#6

Chloroethane

Concen: 1.20 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX004368.D

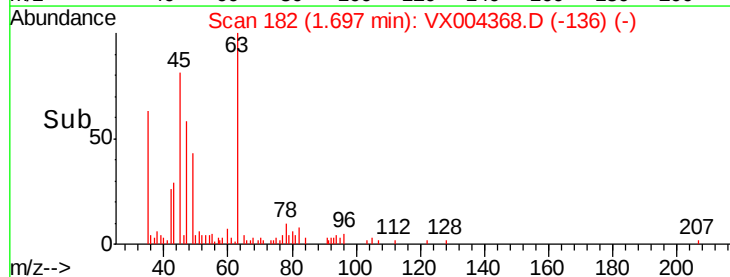
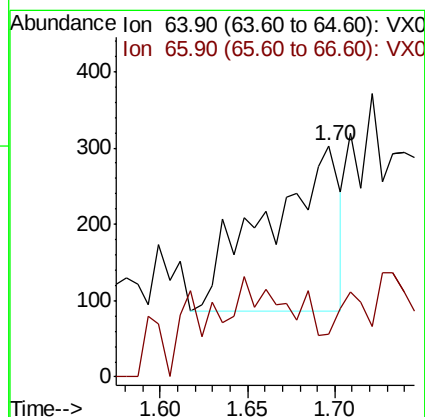
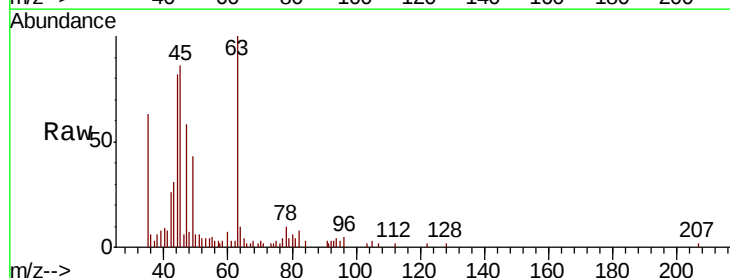
Acq: 05 Sep 2018 13:35

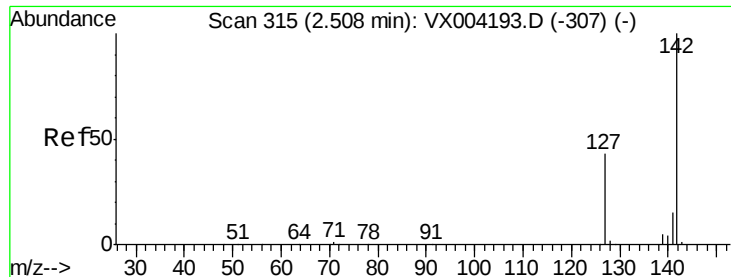
Tgt Ion: 64 Resp: 613

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#

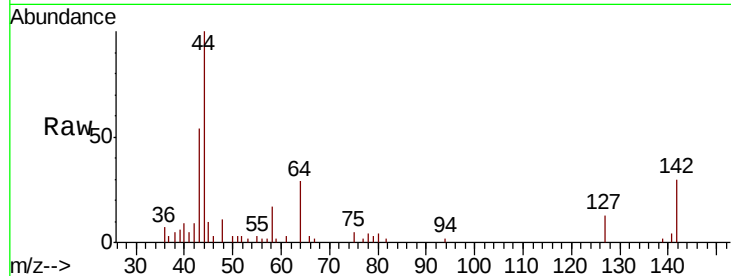




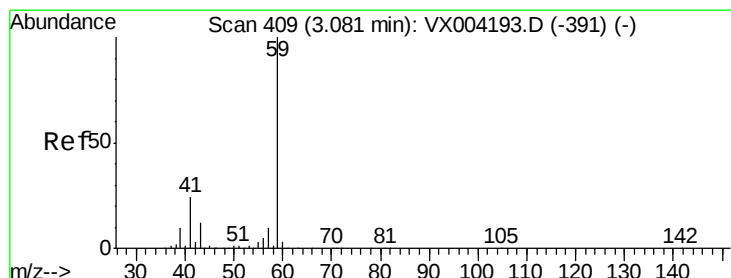
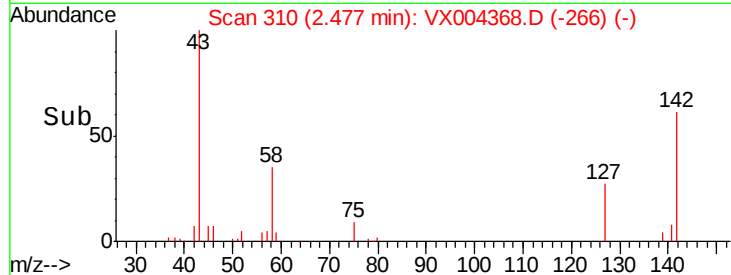
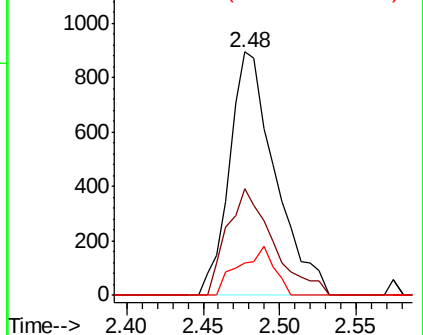
#10
Methvl Iodide
Concen: 4.79 ug/l
RT: 2.48 min Scan# 310
Delta R.T. -0.03 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 1855
Ion Ratio Lower Upper
142 100
127 44.2 33.8 50.6
141 15.2 11.4 17.0

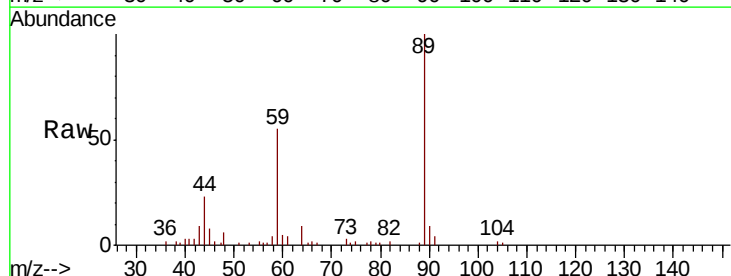


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

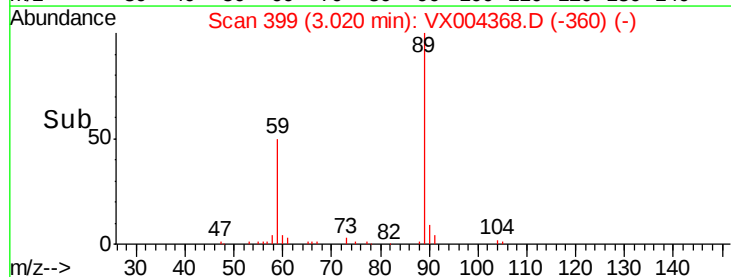
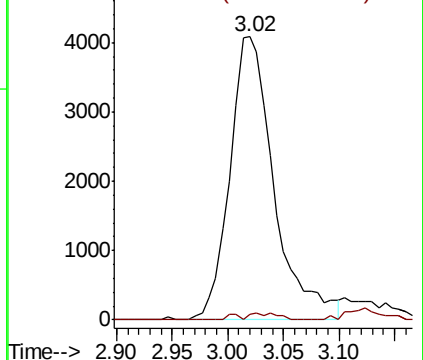


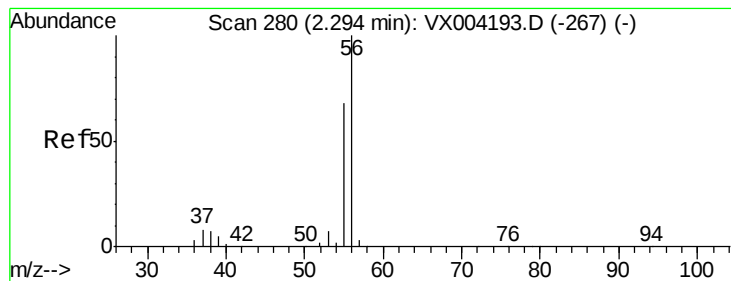
#11
Tert butyl alcohol
Concen: 16.03 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion: 59 Resp: 11265
Ion Ratio Lower Upper
59 100
57 0.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.91 ua/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

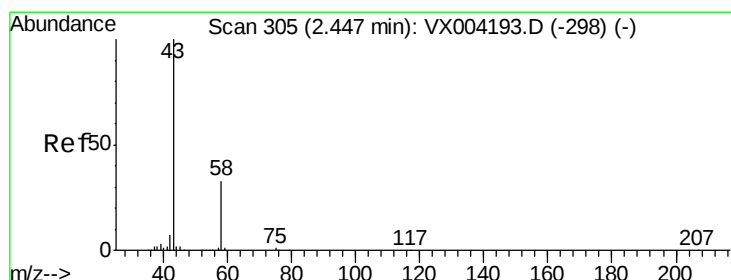
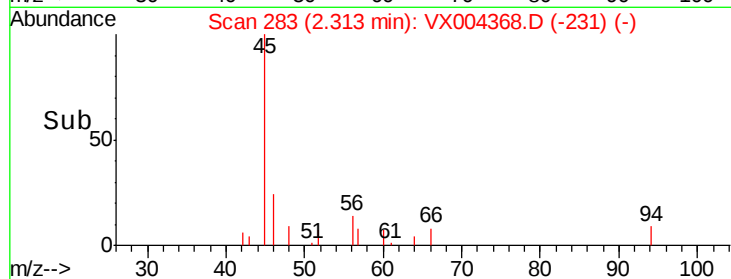
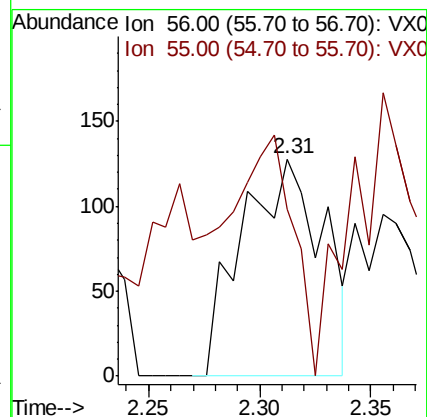
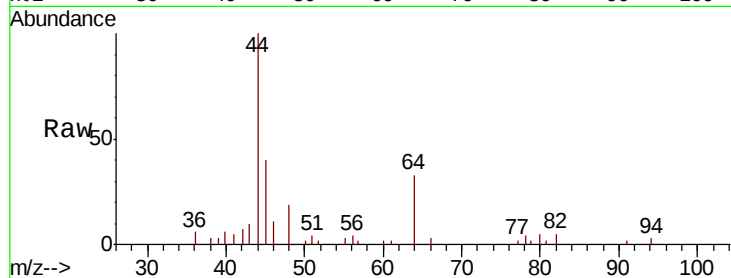
ClientSampleId :

Tot Ion: 56 Resp: 324

Ion Ratio Lower Upper

56 100

55 84.0 54.7 82.1#



#16

Acetone

Concen: Below Cal

RT: 2.50 min Scan# 313

Delta R.T. 0.05 min

Lab File: VX004368.D

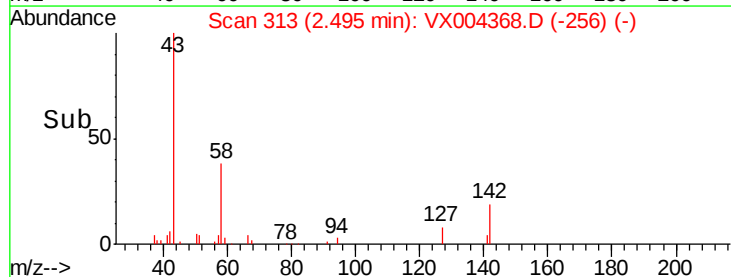
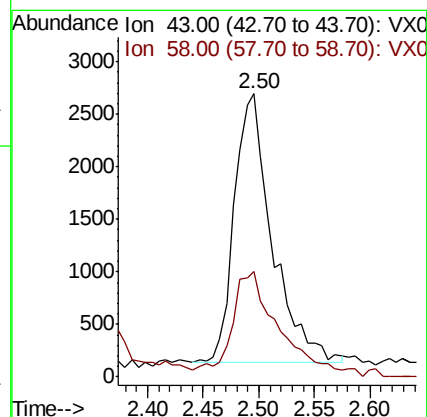
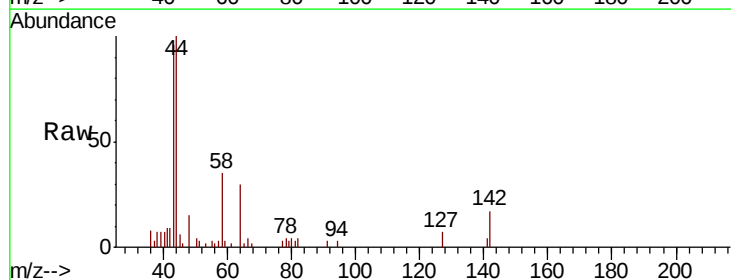
Acq: 05 Sep 2018 13:35

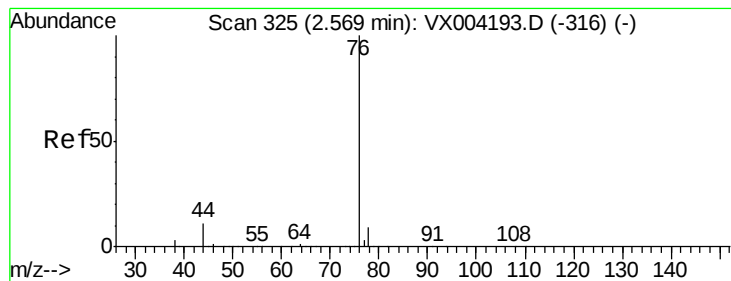
Tgt Ion: 43 Resp: 5998

Ion Ratio Lower Upper

43 100

58 36.5 26.2 39.4





#17

Carbon Disulfide

Concen: 1.01 ug/l

RT: 2.53 min Scan# 318

Delta R.T. -0.04 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

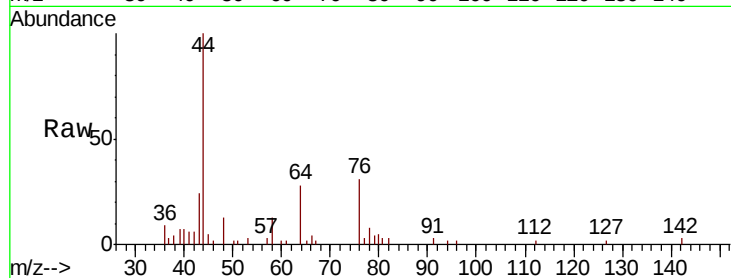
ClientSampleId :

Tot Ion: 76 Resp: 1567

Ion Ratio Lower Upper

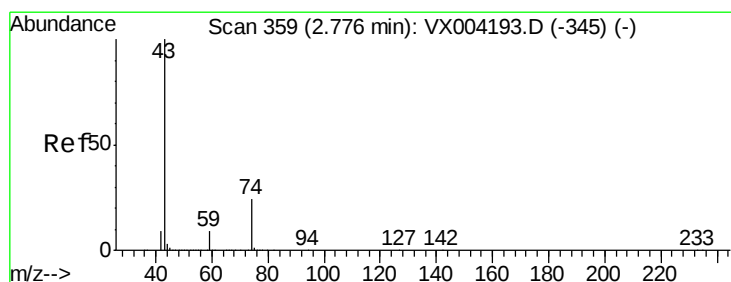
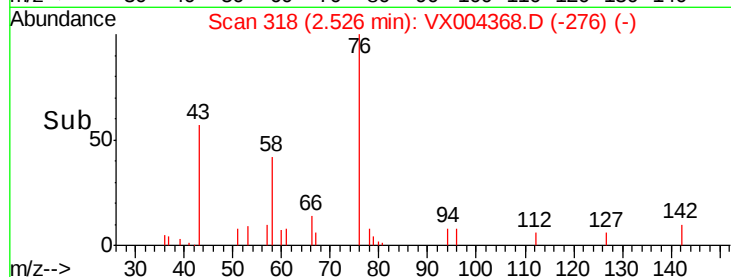
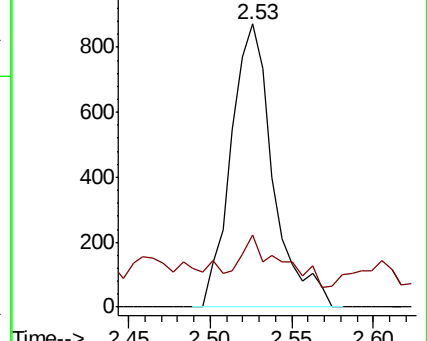
76 100

78 14.1 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 3.87 ug/l

RT: 2.80 min Scan# 363

Delta R.T. 0.02 min

Lab File: VX004368.D

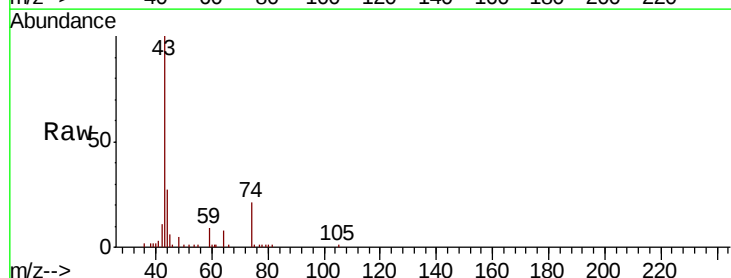
Acq: 05 Sep 2018 13:35

Tgt Ion: 43 Resp: 18941

Ion Ratio Lower Upper

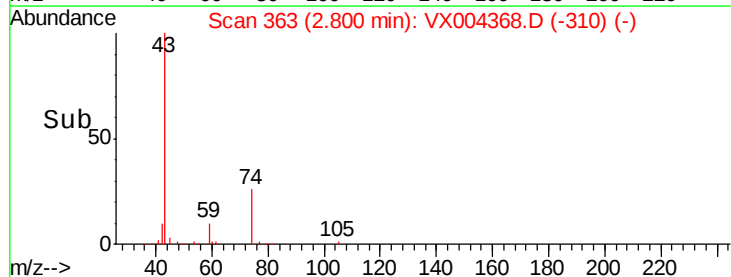
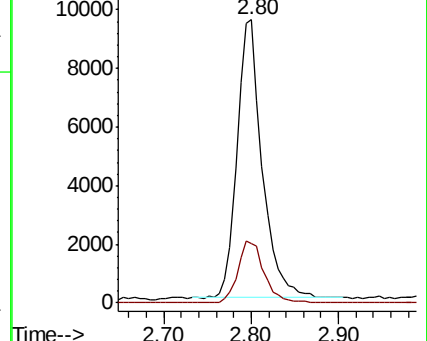
43 100

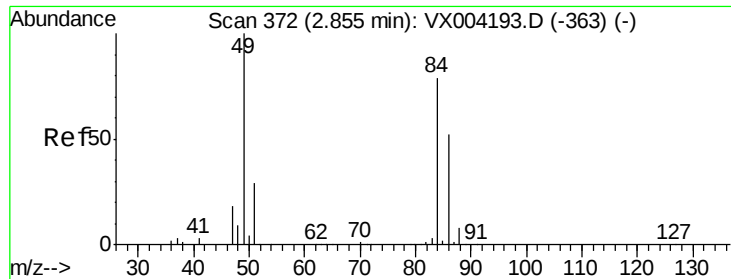
74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

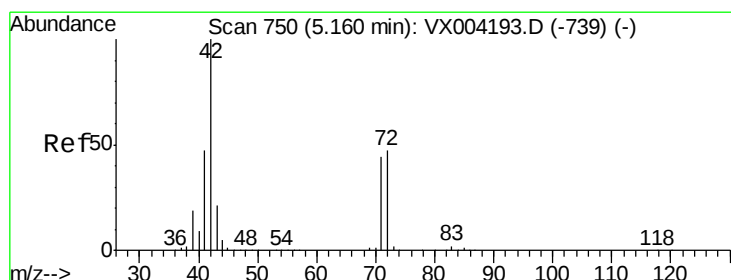
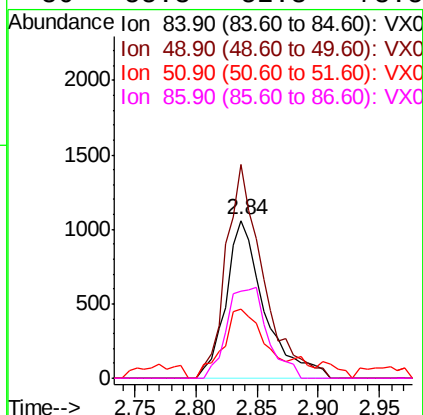
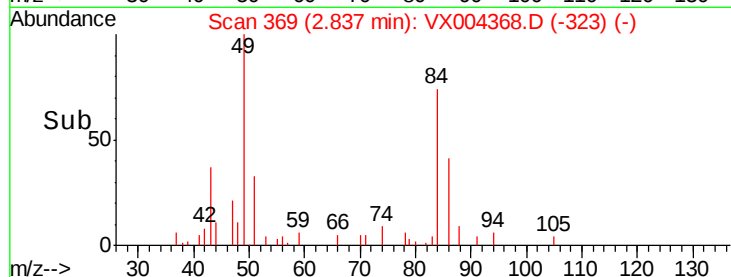
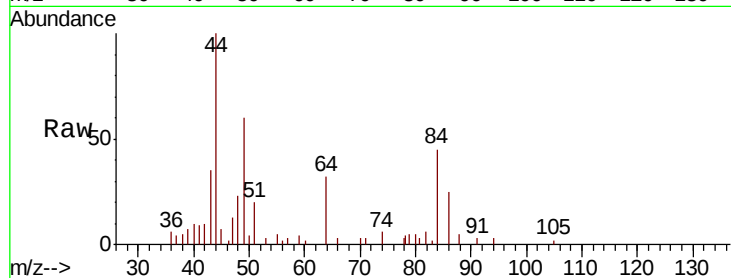




#20
Methvlene Chloride
Concen: 0.72 ug/l
RT: 2.84 min Scan# 369
Delta R.T. -0.02 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

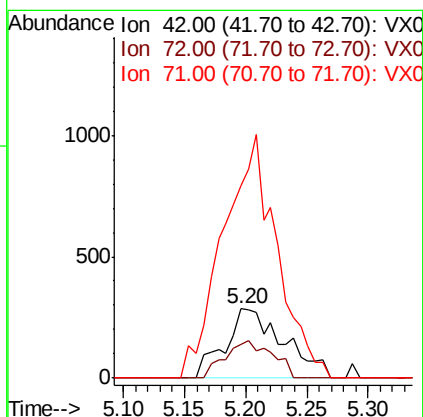
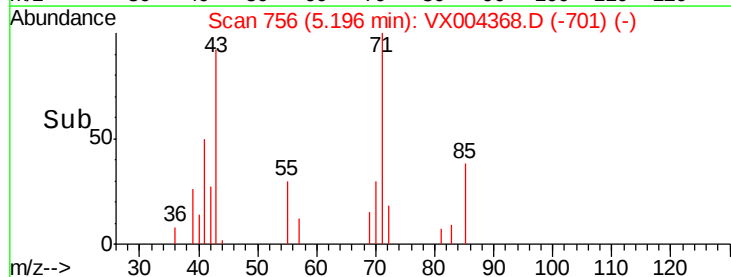
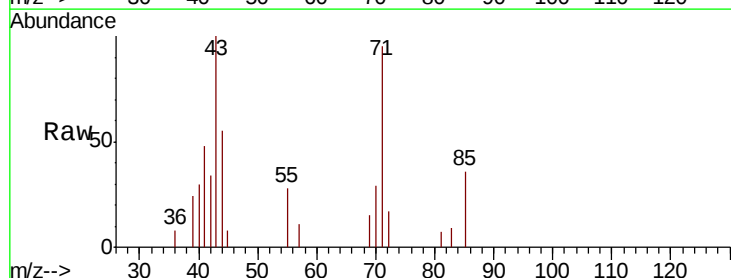
Instrument :
MSVOA_X
ClientSampleId :

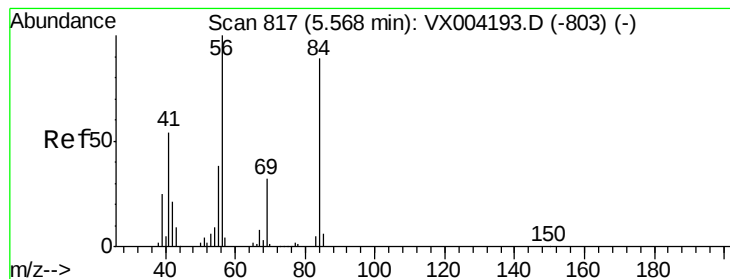
Tot Ion:	84	Resp:	2300
Ion	Ratio	Lower	Upper
84	100		
49	135.1	101.2	151.8
51	44.0	29.5	44.3
86	55.3	52.3	78.5



#29
Tetrahydrofuran
Concen: 0.67 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.04 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion:	42	Resp:	945
Ion	Ratio	Lower	Upper
42	100		
72	43.7	37.4	56.0
71	324.7	34.5	51.7#





#31

Cyclohexane

Concen: 3.21 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

ClientSampled :

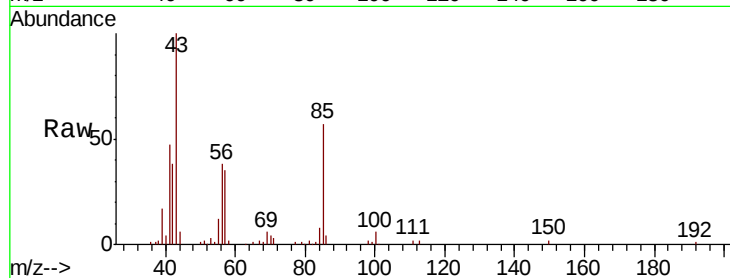
Tot Ion: 56 Resp: 14838

Ion Ratio Lower Upper

56 100

69 16.5 25.4 38.2#

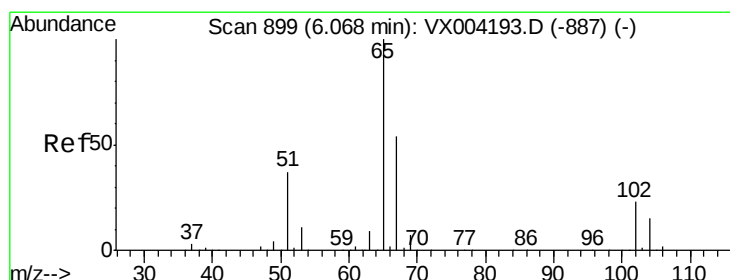
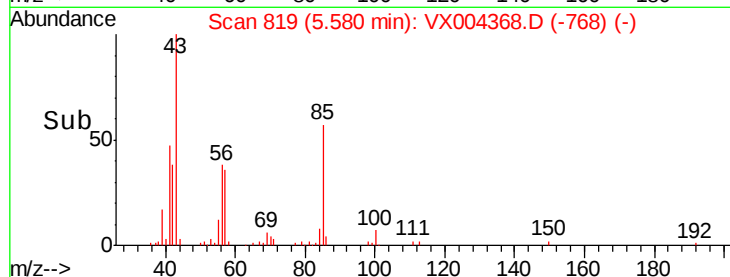
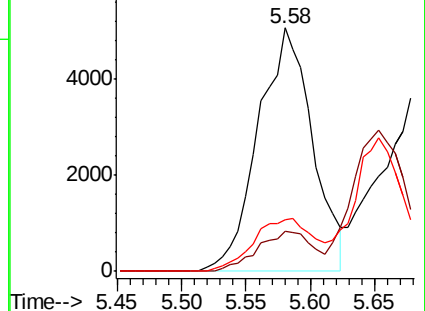
84 21.0 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004368.D

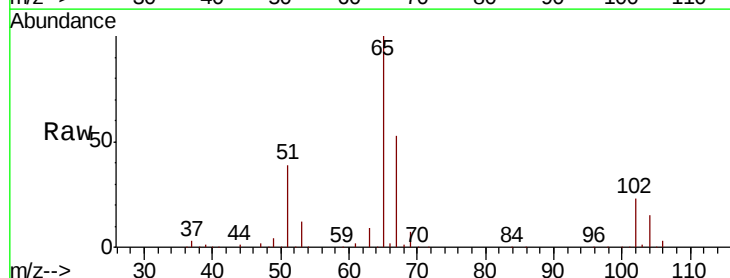
Acq: 05 Sep 2018 13:35

Tgt Ion: 65 Resp: 170943

Ion Ratio Lower Upper

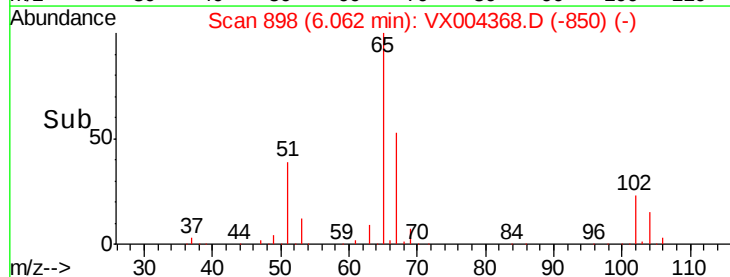
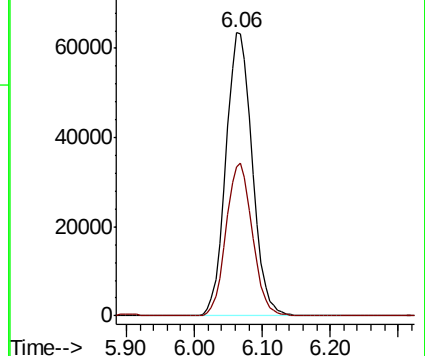
65 100

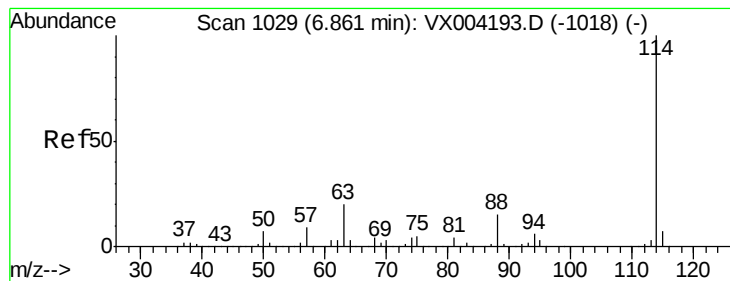
67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

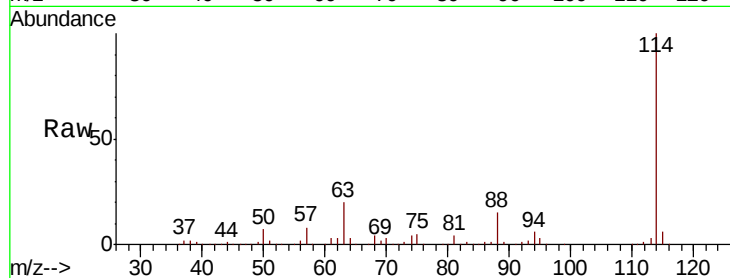
Tot Ion:114 Resp: 400520

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

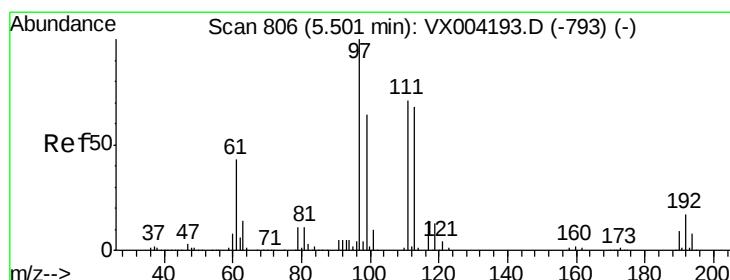
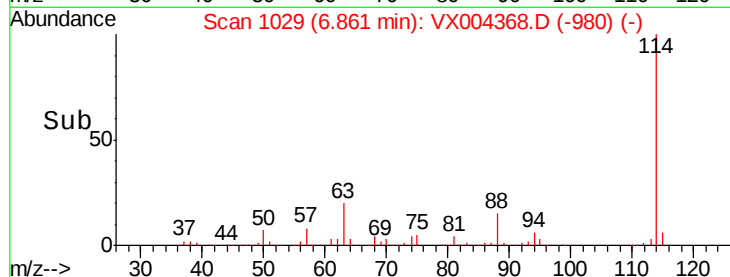
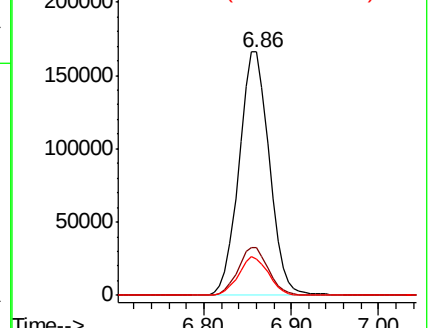
88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.81 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

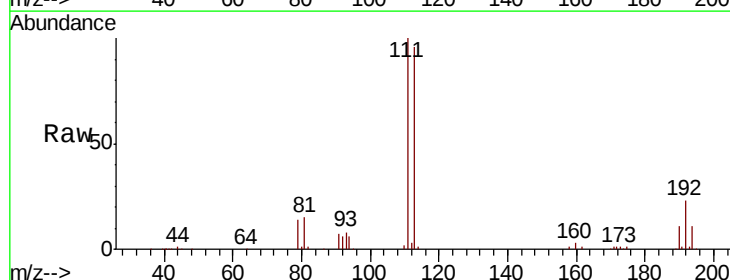
Tgt Ion:113 Resp: 142442

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

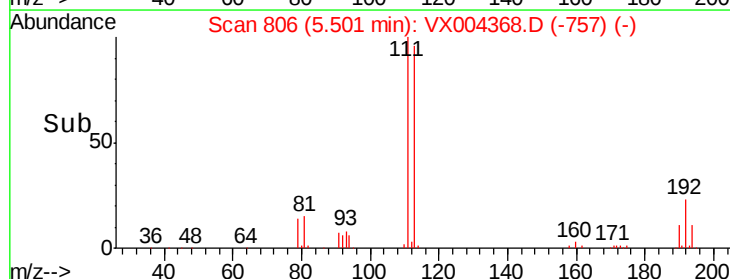
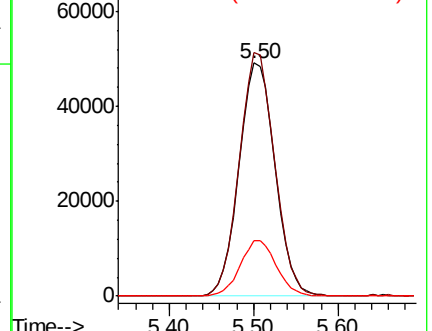
192 23.8 19.4 29.2

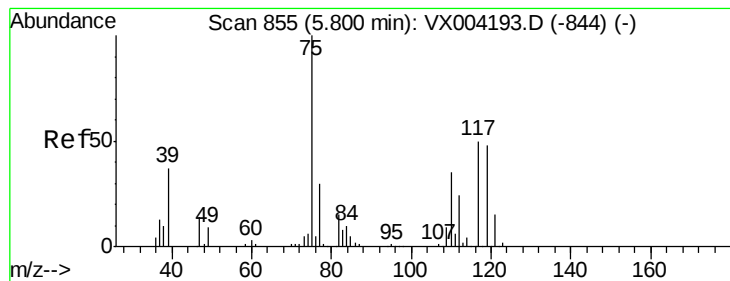


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.73 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.15 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

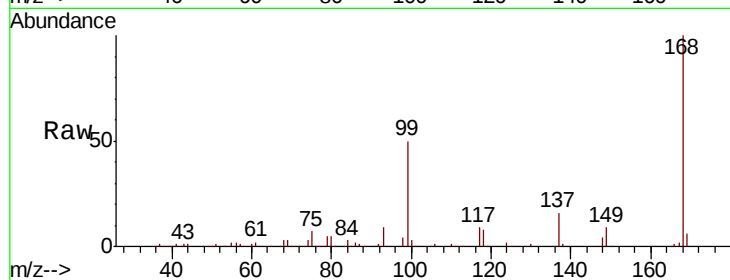
Tot Ion: 75 Resp: 16796

Ion Ratio Lower Upper

75 100

110 9.2 18.0 54.0#

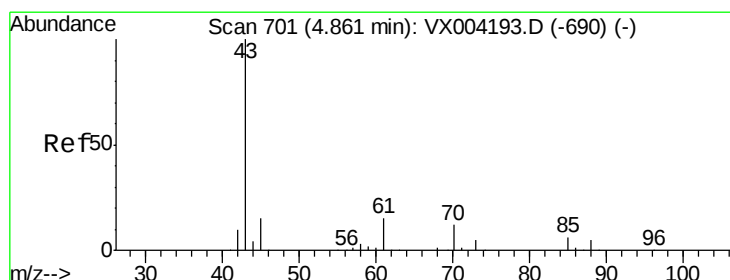
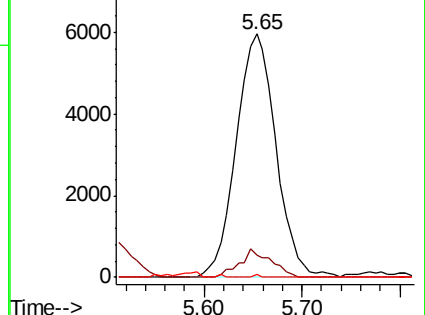
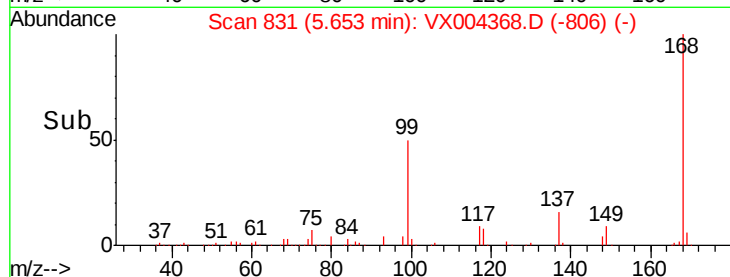
77 0.1 24.6 36.8#



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: 1.45 ug/l

RT: 4.75 min Scan# 683

Delta R.T. -0.11 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

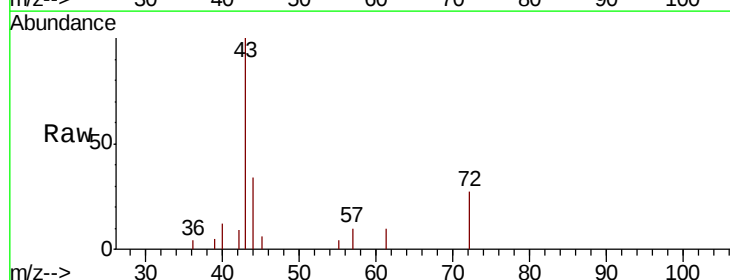
Tgt Ion: 43 Resp: 6404

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

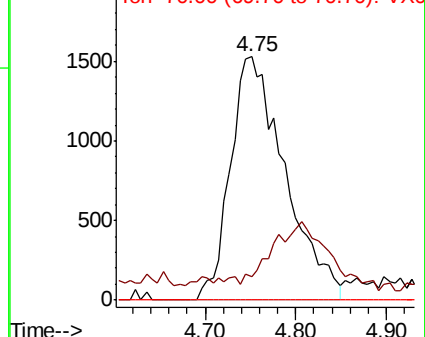
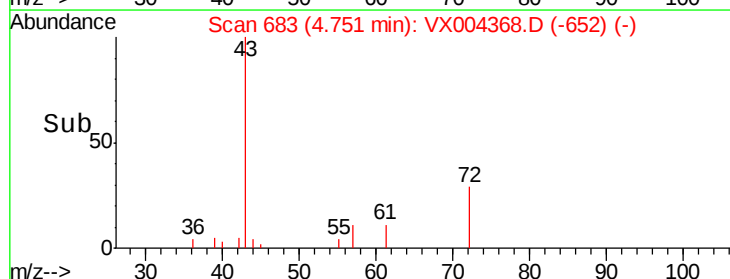
70 0.0 9.0 13.6#

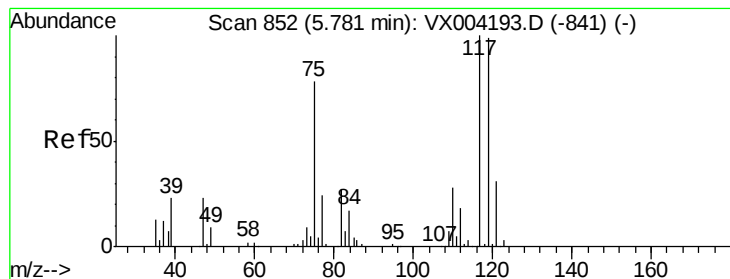


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.23 ug/l

RT: 5.65 min Scan# 830

Delta R.T. -0.13 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

ClientSampled :

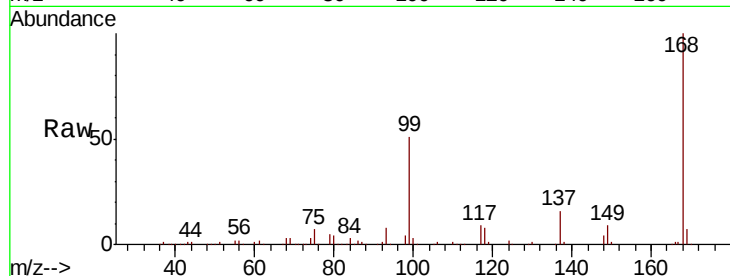
Tot Ion:117 Resp: 22136

Ion Ratio Lower Upper

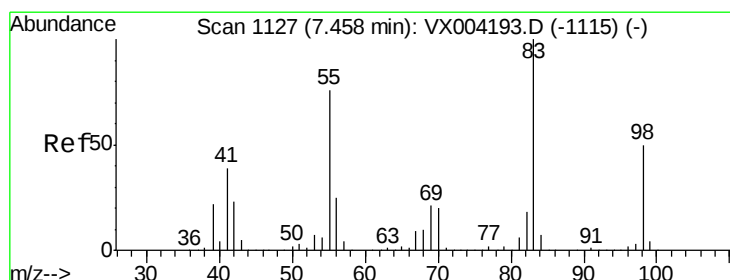
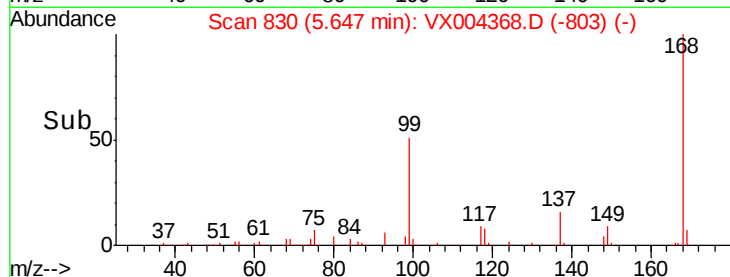
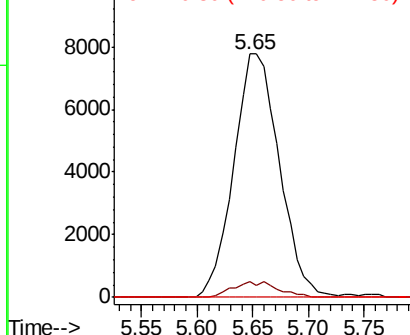
117 100

119 6.6 78.8 118.2#

121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.02 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.01 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

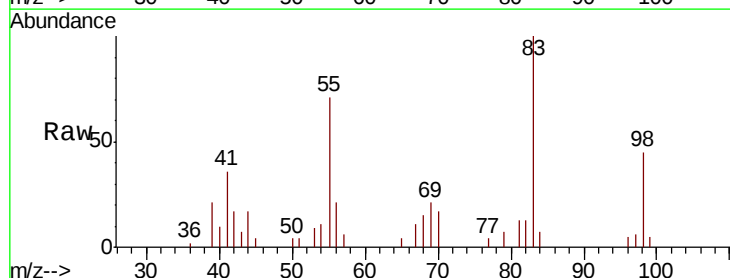
Tgt Ion: 83 Resp: 5232

Ion Ratio Lower Upper

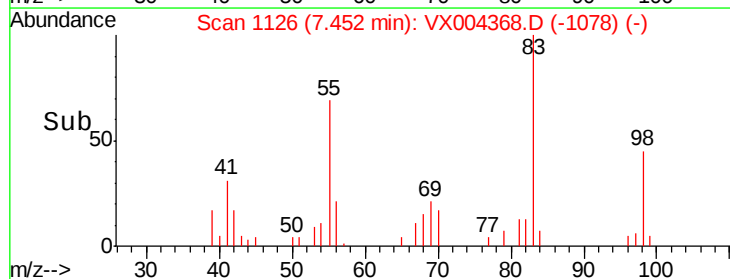
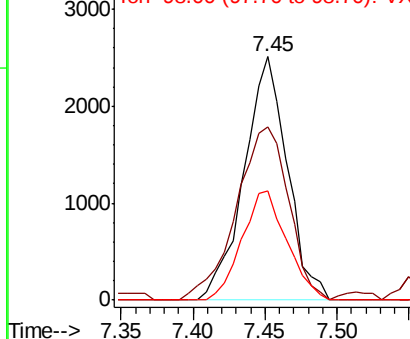
83 100

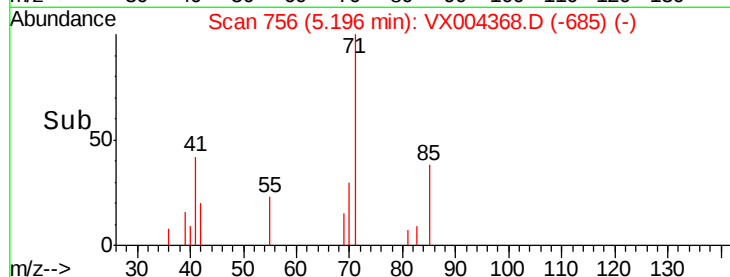
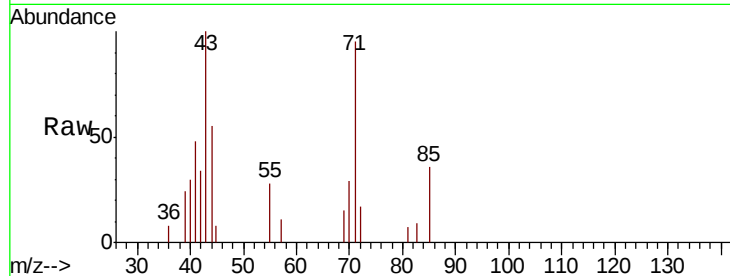
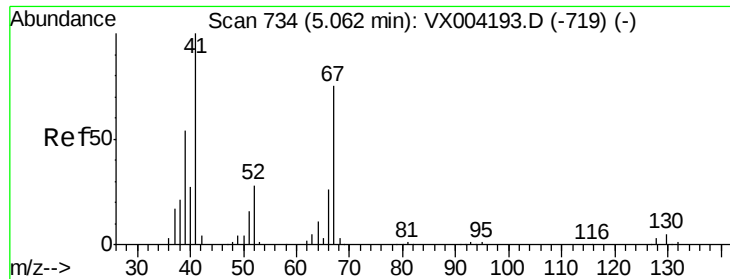
55 69.4 61.0 91.4

98 44.7 39.6 59.4



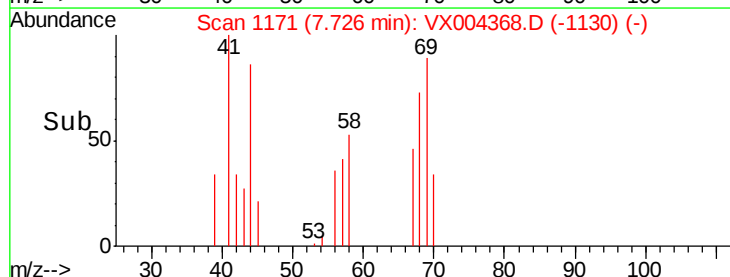
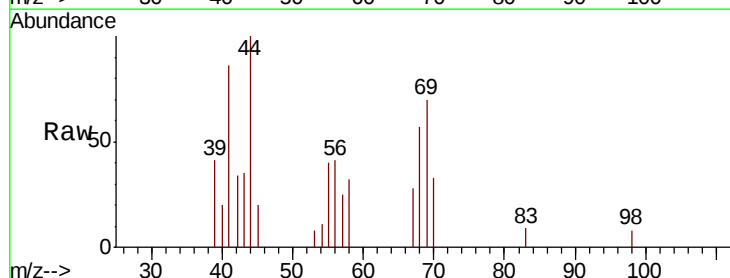
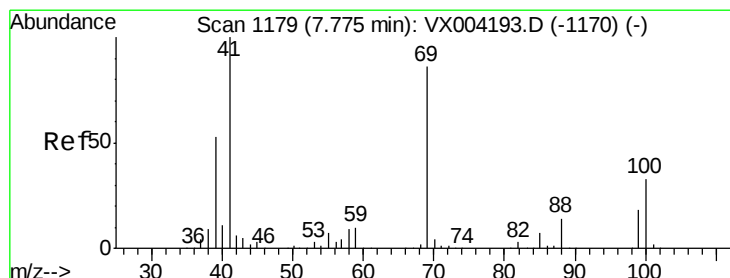
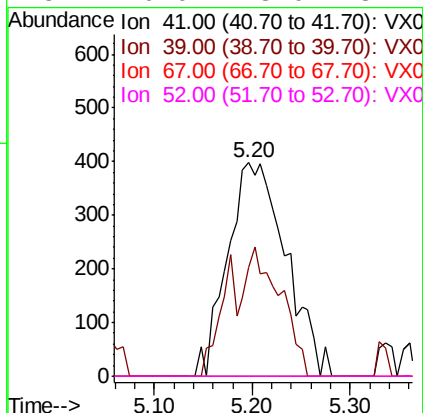
Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





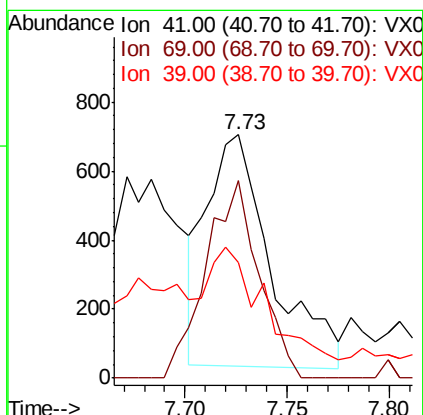
#41
Methacrylonitrile
Concen: 0.64 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.13 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

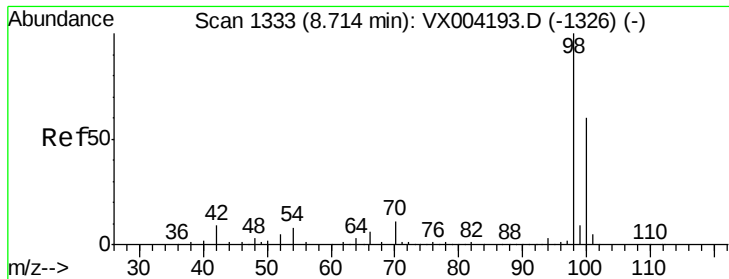
Tot Ion: 41 Resp: 1649
Ion Ratio Lower Upper
41 100
39 37.2 42.4 63.6#
67 0.0 59.2 88.8#
52 0.0 23.0 34.4#



#48
Methyl methacrylate
Concen: 0.41 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.05 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion: 41 Resp: 1481
Ion Ratio Lower Upper
41 100
69 70.0 70.2 105.4#
39 57.9 42.7 64.1

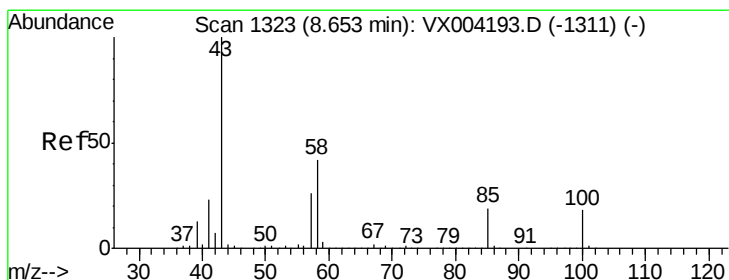
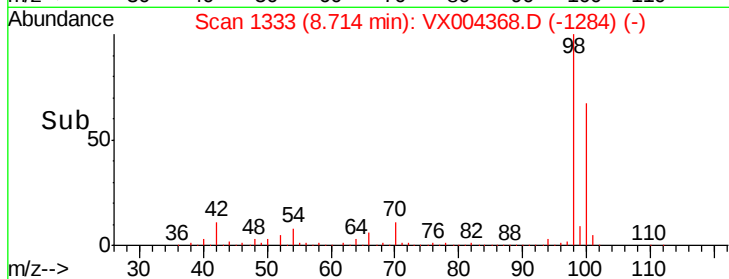
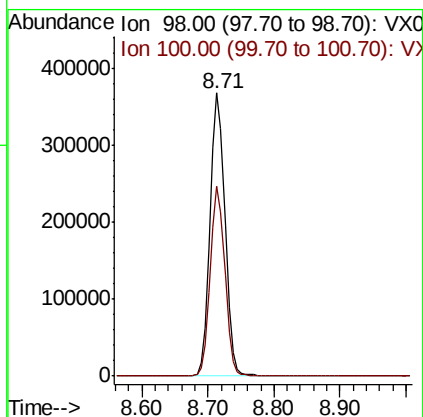
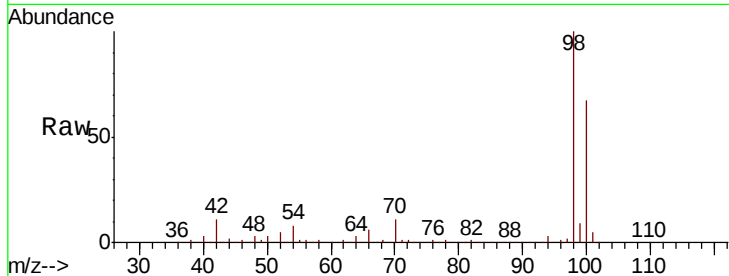




#50
Toluene-d8
Concen: 51.28 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

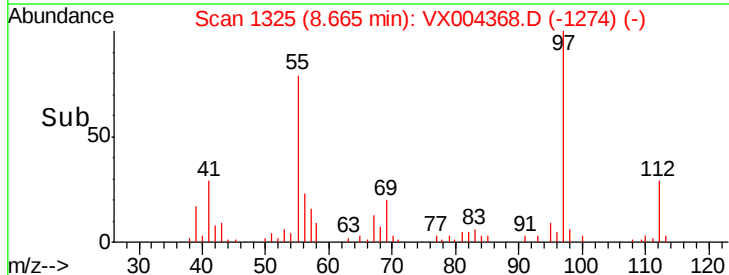
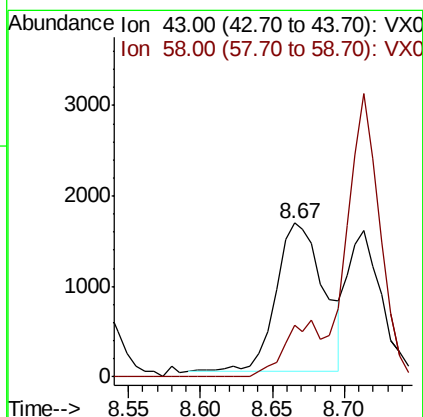
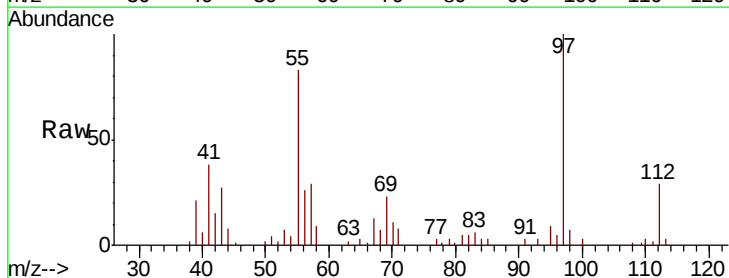
Instrument :
MSVOA_X
ClientSampled :

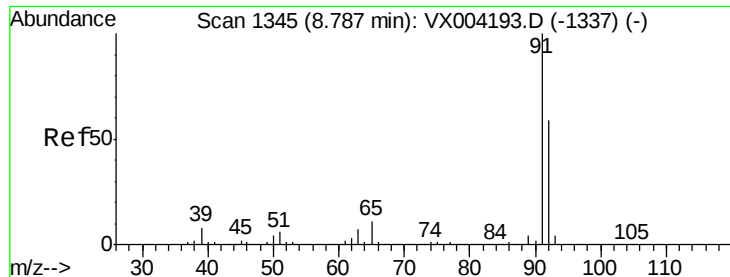
Tot Ion: 98 Resp: 576745
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.77 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion: 43 Resp: 3802
Ion Ratio Lower Upper
43 100
58 27.1 33.1 49.7#





#52

Toluene

Concen: 1.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

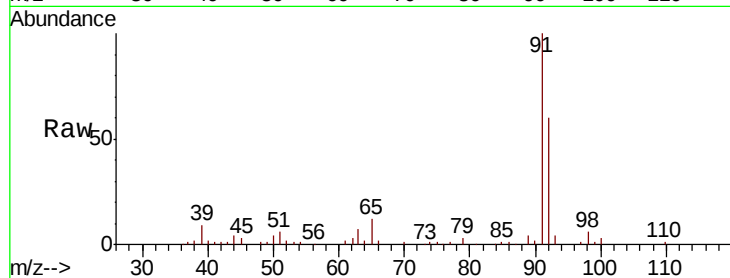
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 14225

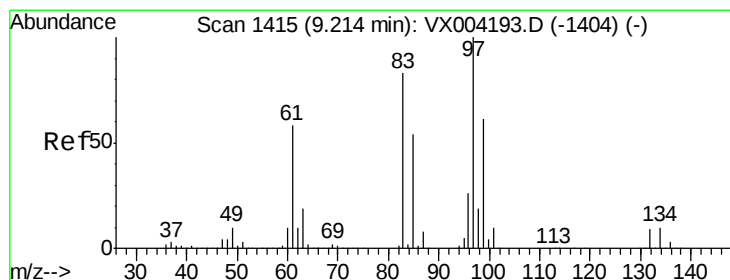
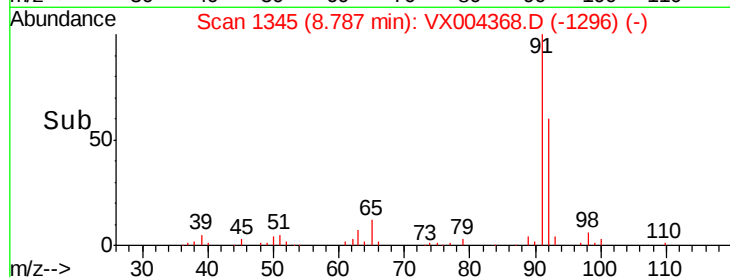
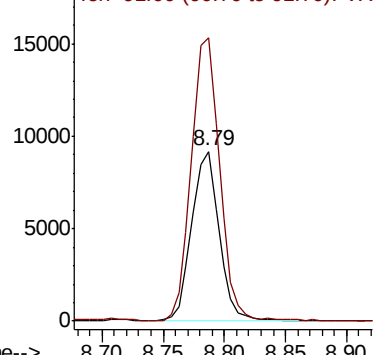
Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.24 ug/l

RT: 9.16 min Scan# 1406

Delta R.T. -0.05 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Tgt Ion: 97 Resp: 7619

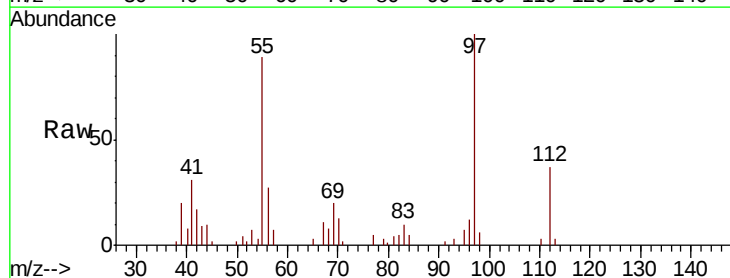
Ion Ratio Lower Upper

97 100

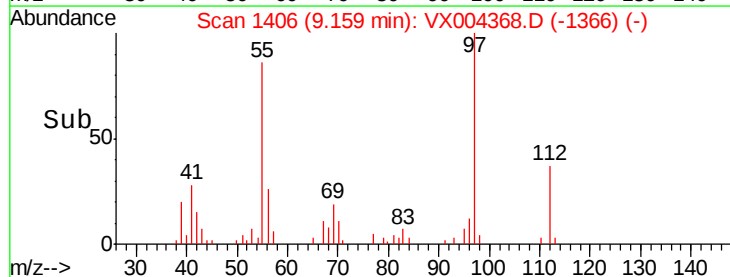
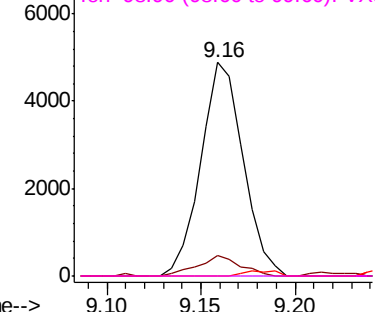
83 9.5 66.4 99.6#

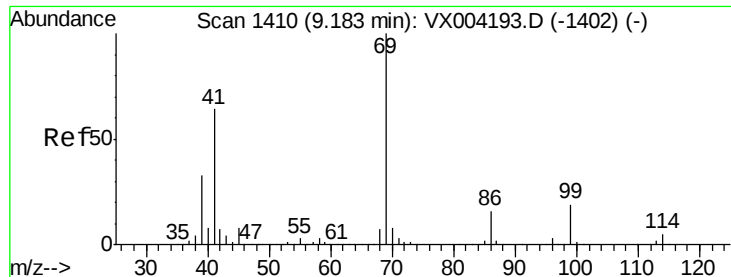
85 0.0 43.3 64.9#

99 0.0 49.0 73.4#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

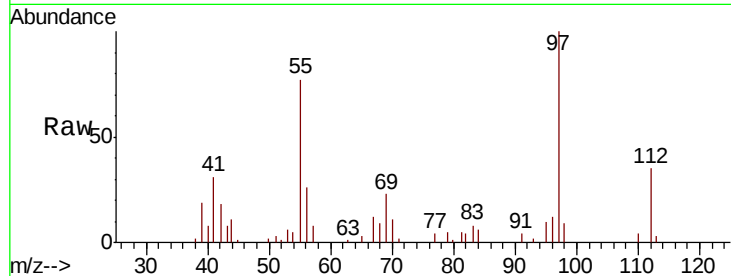




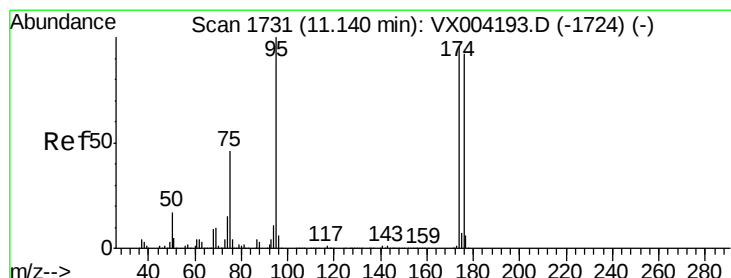
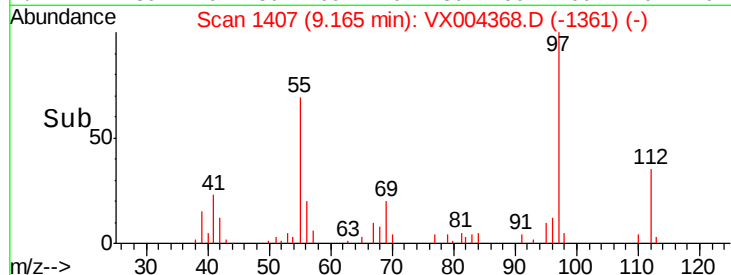
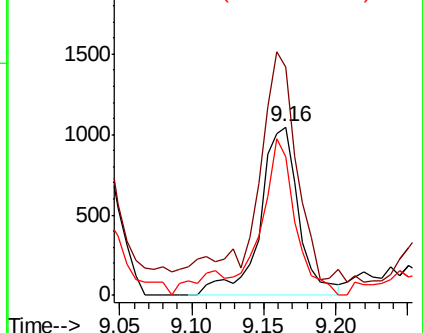
#56
Ethyl methacrylate
Concen: 0.42 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 1949
Ion Ratio Lower Upper
69 100
41 131.5 51.0 76.4#
39 81.2 26.1 39.1#

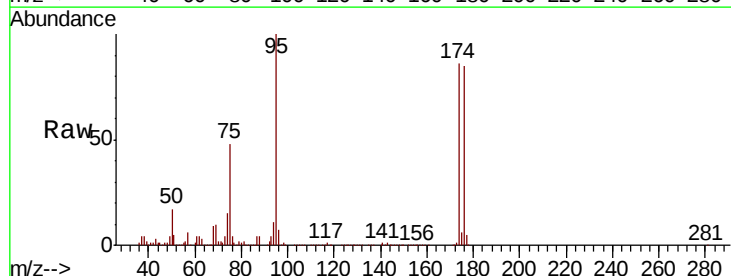


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

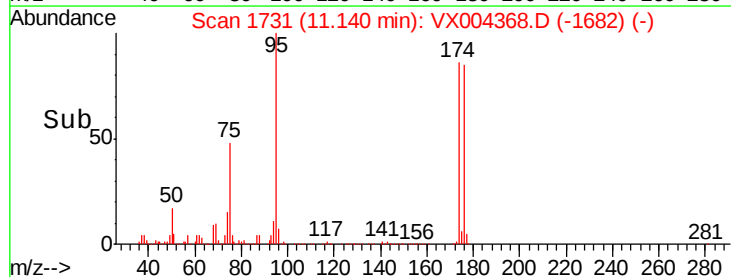
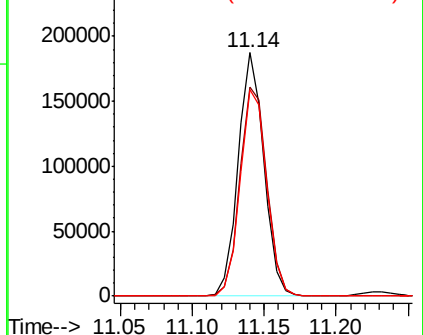


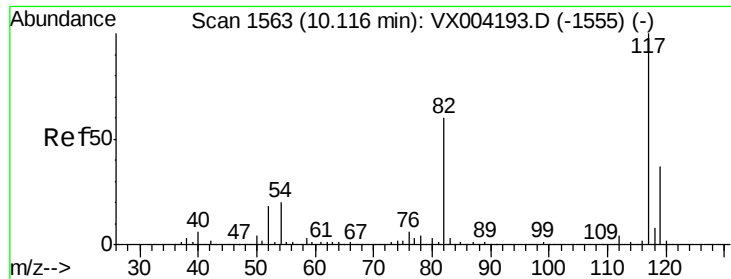
#62
4-Bromofluorobenzene
Concen: 55.27 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion: 95 Resp: 231961
Ion Ratio Lower Upper
95 100
174 90.7 0.0 185.2
176 87.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

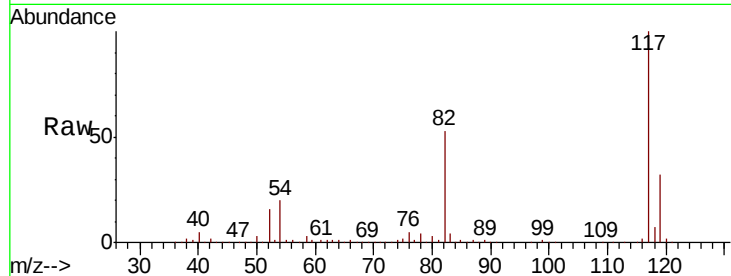
Tot Ion:117 Resp: 402714

Ion Ratio Lower Upper

117 100

82 53.3 47.8 71.6

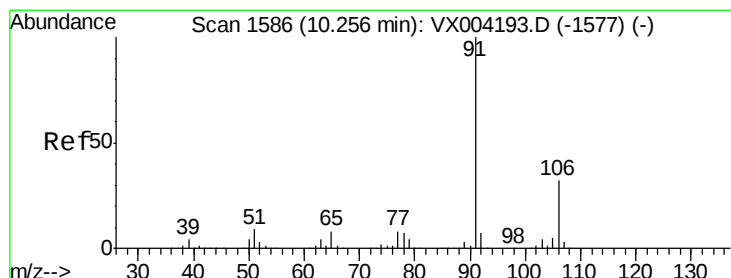
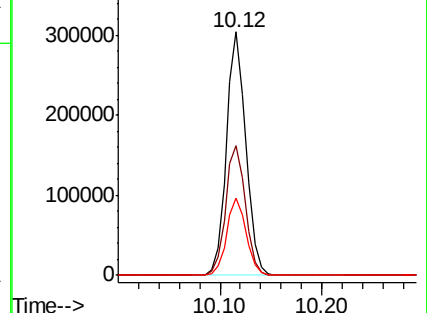
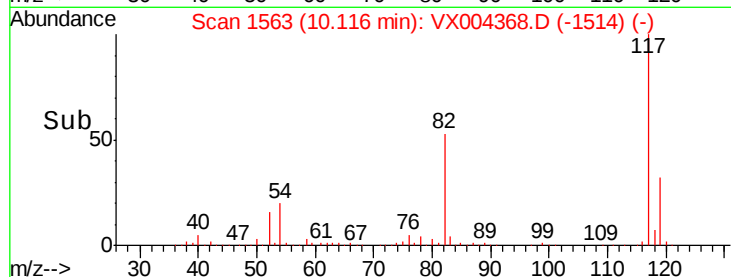
119 31.7 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 3.64 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004368.D

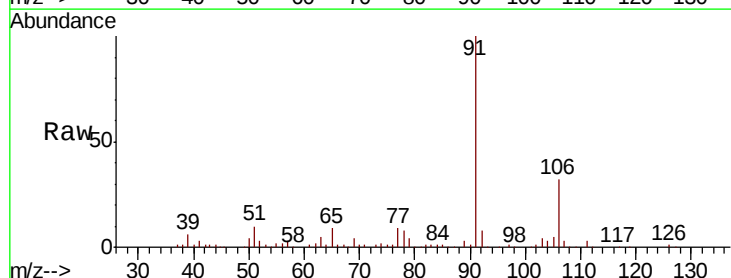
Acq: 05 Sep 2018 13:35

Tgt Ion: 91 Resp: 59714

Ion Ratio Lower Upper

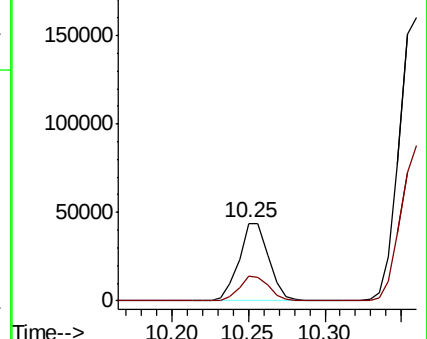
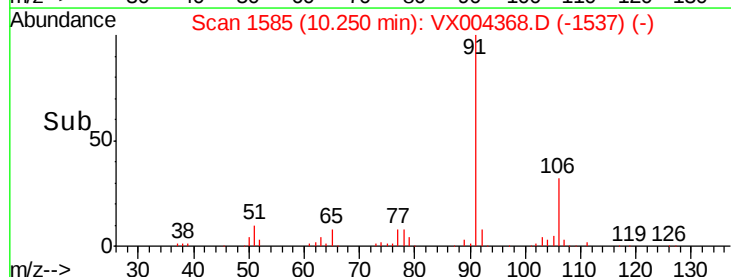
91 100

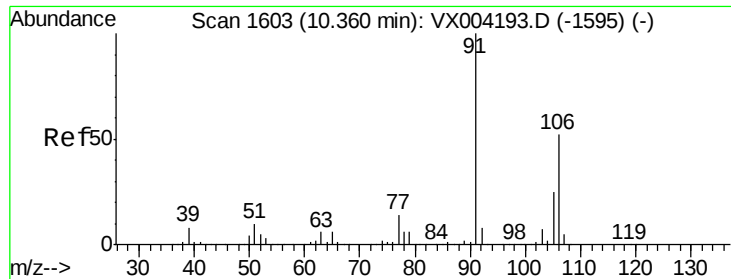
106 32.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

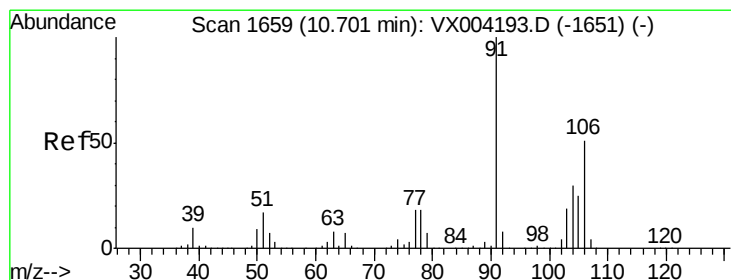
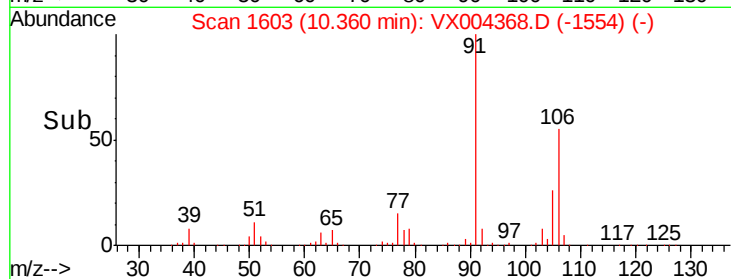
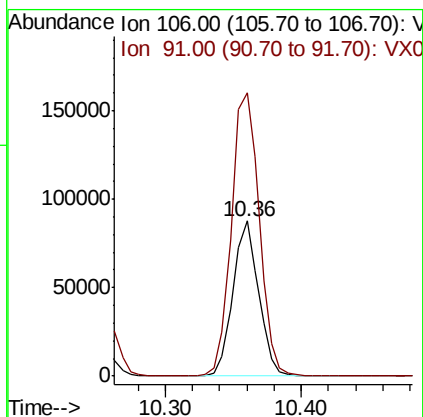
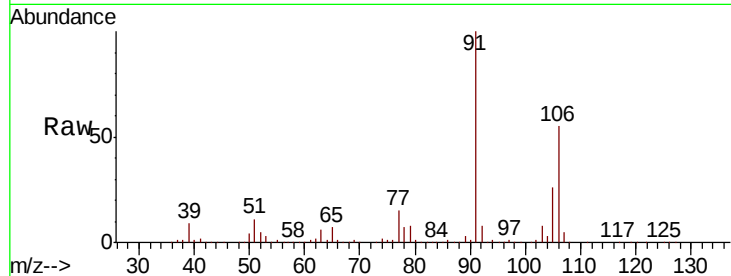




#68
m/p-Xylenes
Concen: 17.99 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

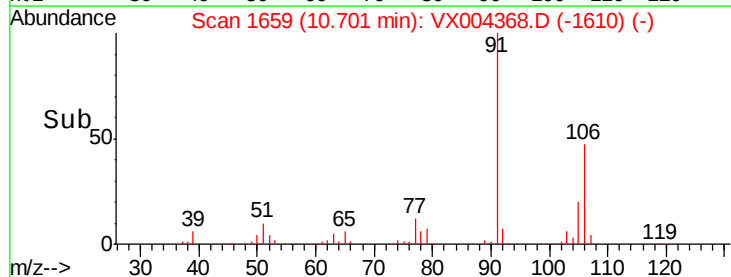
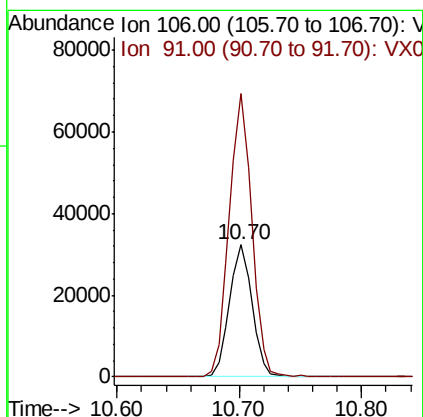
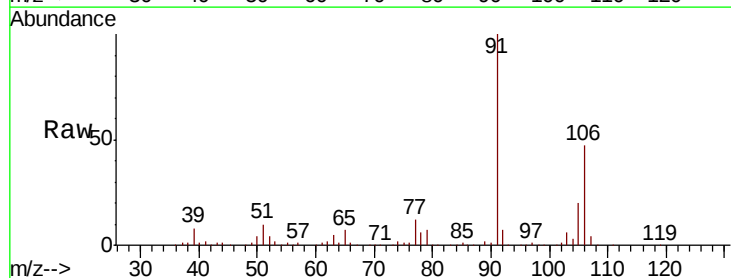
Instrument :
MSVOA_X
ClientSampleId :

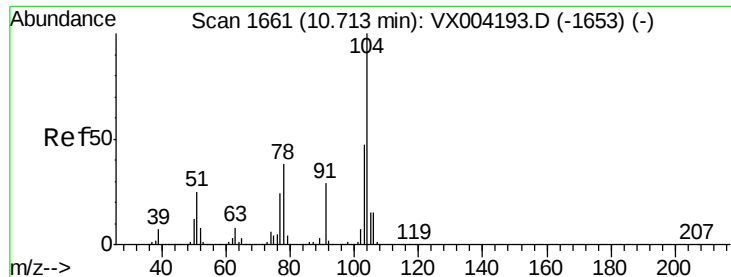
Tot Ion:106 Resp: 115448
Ion Ratio Lower Upper
106 100
91 197.5 157.1 235.7



#69
o-Xylene
Concen: 6.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion:106 Resp: 41676
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.1





#70

Stvrene

Concen: 0.30 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

ClientSampled :

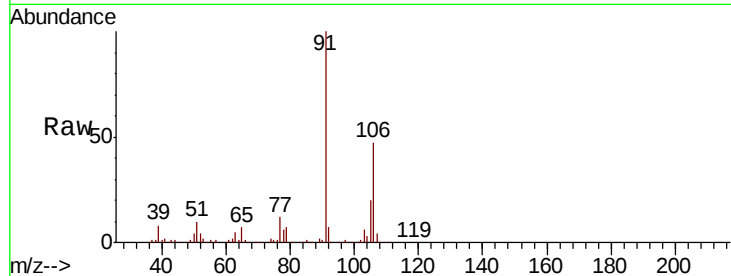
Tot Ion:104 Resp: 2901

Ion Ratio Lower Upper

104 100

78 208.2 37.4 56.0#

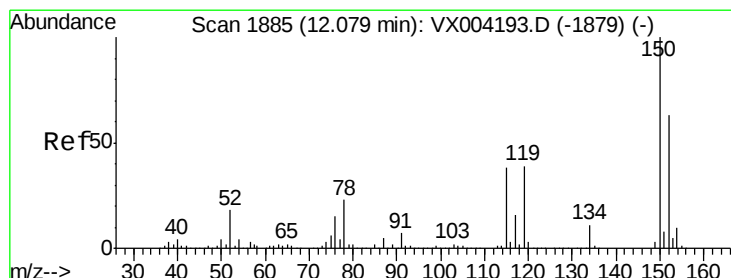
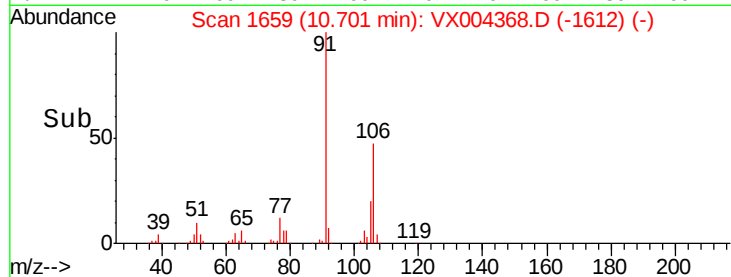
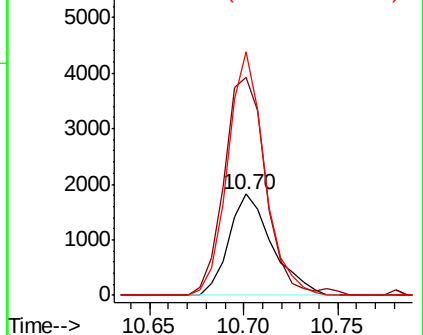
103 205.6 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

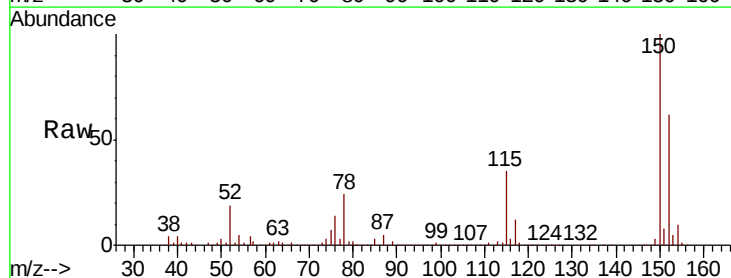
Tgt Ion:152 Resp: 251333

Ion Ratio Lower Upper

152 100

115 55.2 39.0 117.0

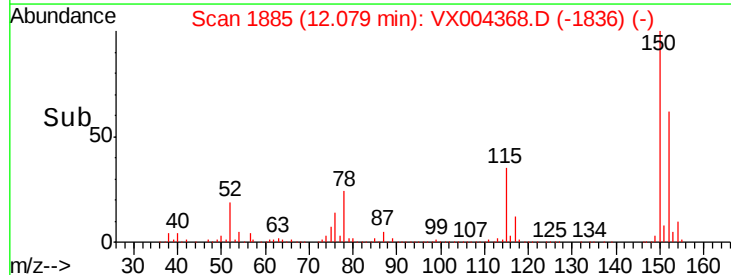
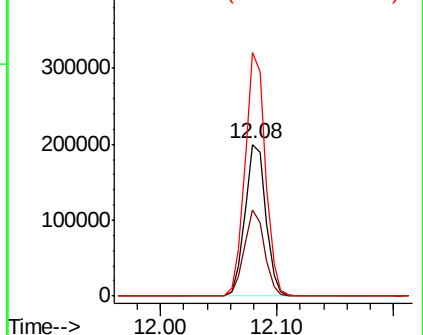
150 157.0 0.0 351.0

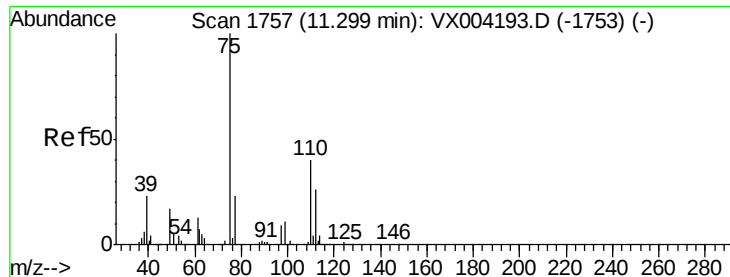


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

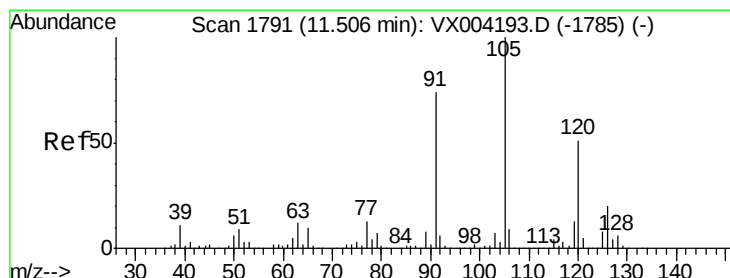
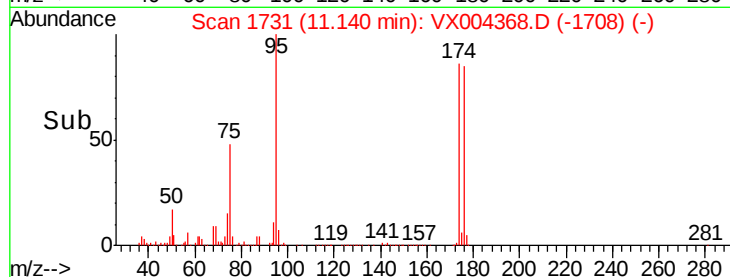
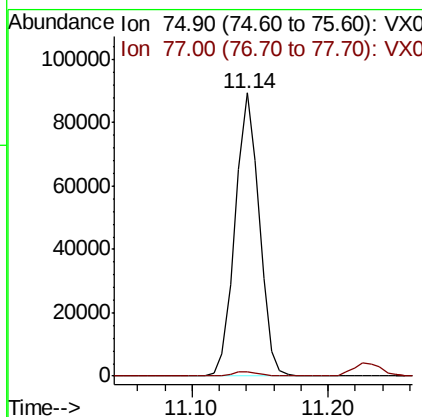
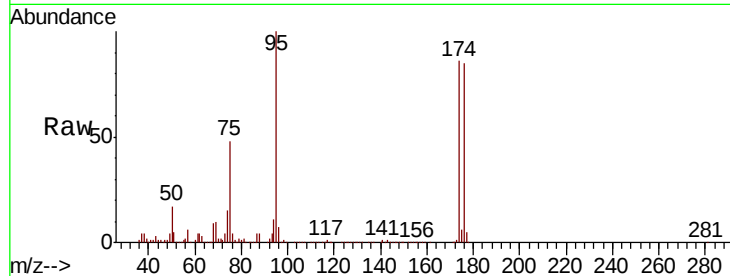




#76
 1,2,3-Trichloropropane
 Concen: 21.57 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004368.D
 Acq: 05 Sep 2018 13:35

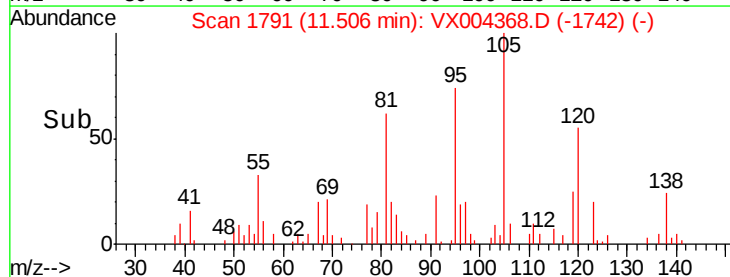
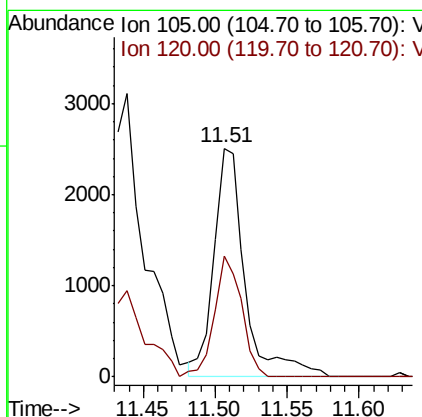
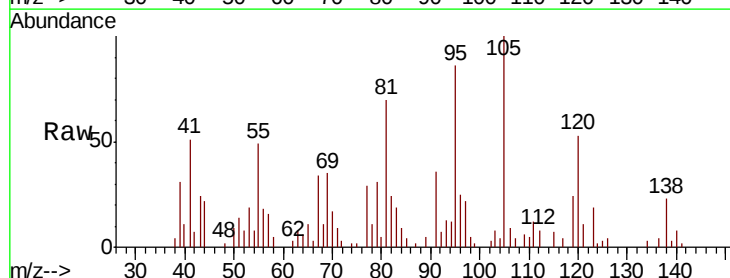
Instrument :
 MSVOA_X
 ClientSampleId :

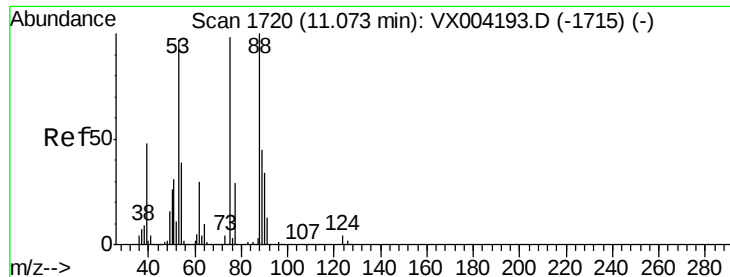
Tot Ion: 75 Resp: 110280
 Ion Ratio Lower Upper
 75 100
 77 1.7 20.2 60.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004368.D
 Acq: 05 Sep 2018 13:35

Tgt Ion:105 Resp: 3812
 Ion Ratio Lower Upper
 105 100
 120 46.1 25.6 76.8

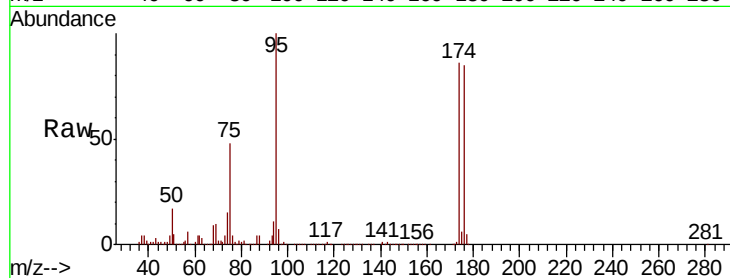




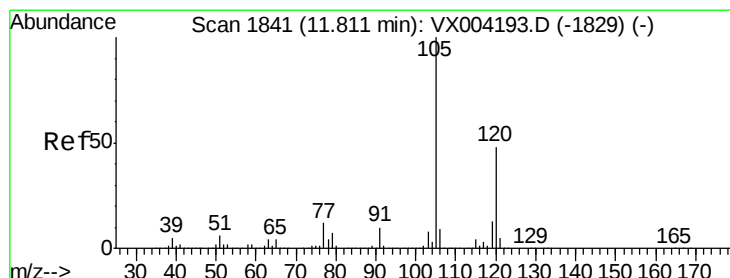
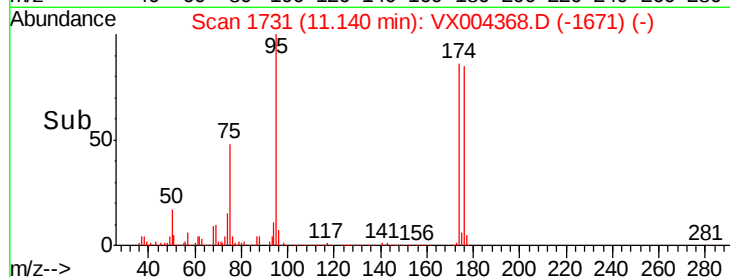
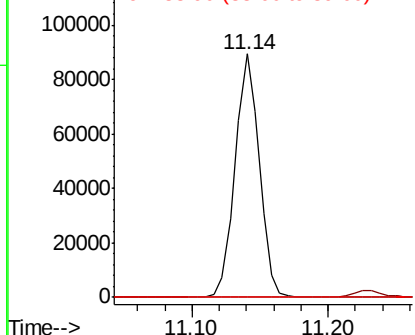
#81
trans-1,4-Dichloro-2-butene
Concen: 70.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 110280
Ion Ratio Lower Upper
75 100
53 0.3 80.1 120.1#
89 0.0 37.2 55.8#

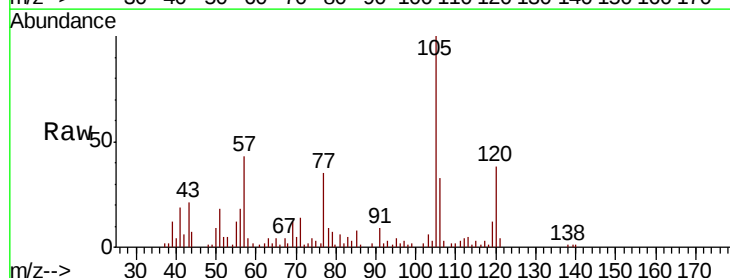


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

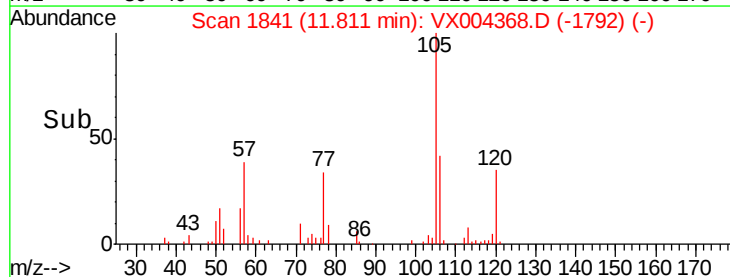
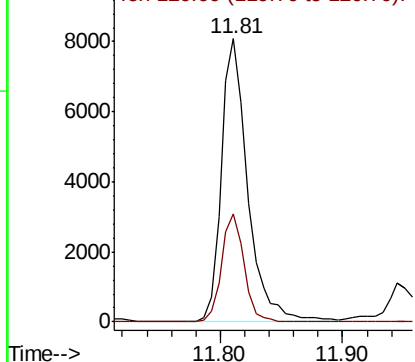


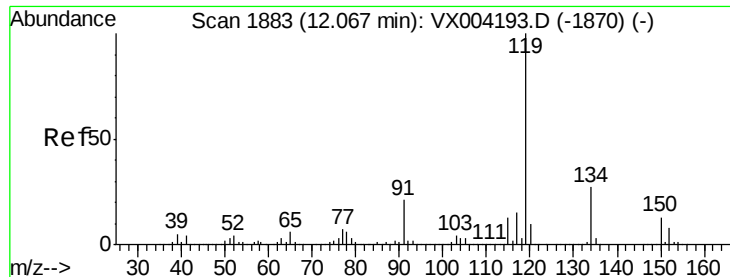
#84
1,2,4-Trimethylbenzene
Concen: 0.86 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX004368.D
Acq: 05 Sep 2018 13:35

Tgt Ion:105 Resp: 12137
Ion Ratio Lower Upper
105 100
120 32.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

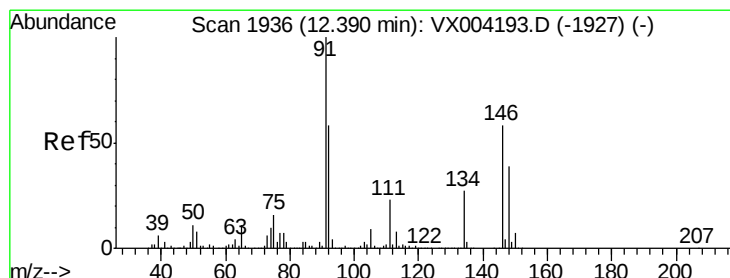
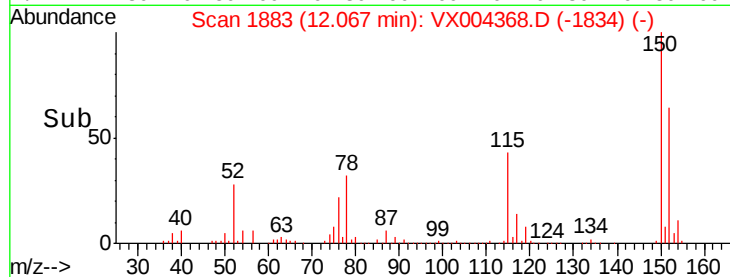
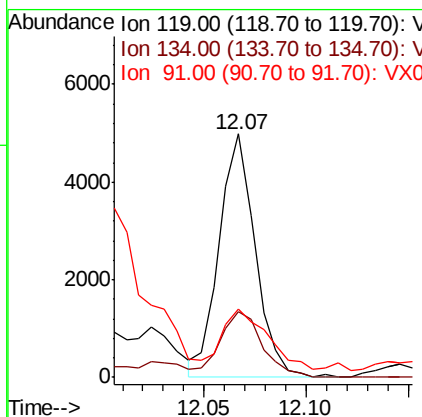
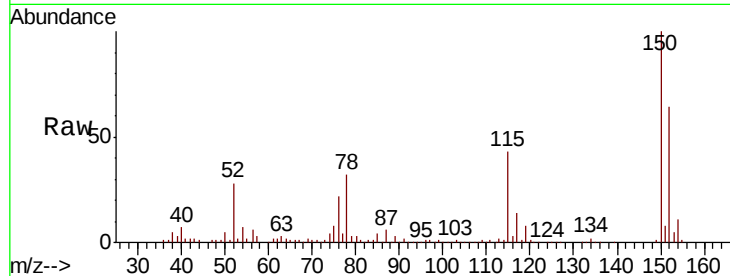




#86
 p-Isopropyltoluene
 Concen: 0.42 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004368.D
 Acq: 05 Sep 2018 13:35

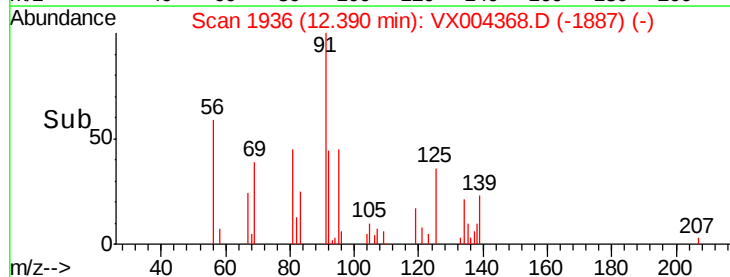
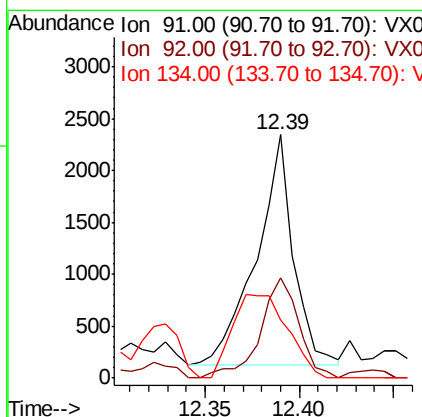
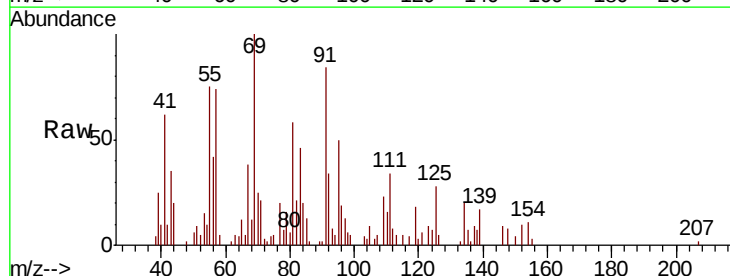
Instrument :
 MSVOA_X
 ClientSampleId :

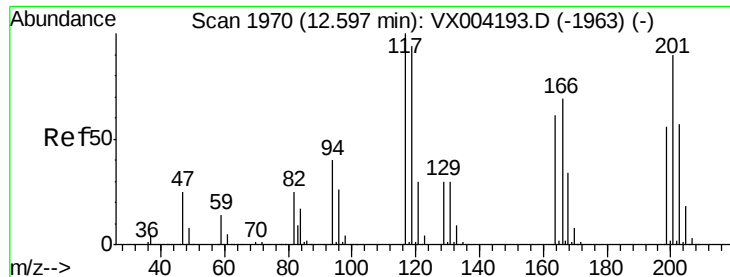
Tot Ion	Ratio	Lower	Upper
119	100		
134	31.5	13.4	40.2
91	30.9	10.9	32.7



#89
 n-Butylbenzene
 Concen: 0.25 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX004368.D
 Acq: 05 Sep 2018 13:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.3	27.3	81.9
134	54.0	13.6	40.7#





#90

Hexachloroethane

Concen: 0.26 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

Instrument :

MSVOA_X

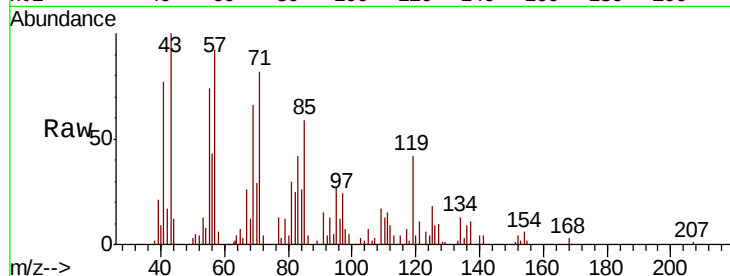
ClientSampleId :

Tot Ion:117 Resp: 533

Ion Ratio Lower Upper

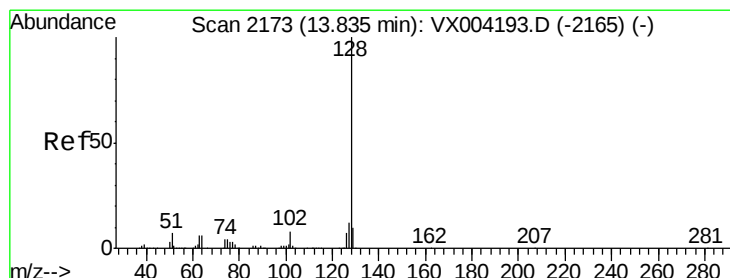
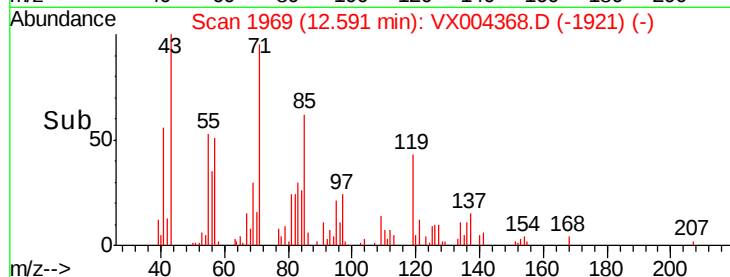
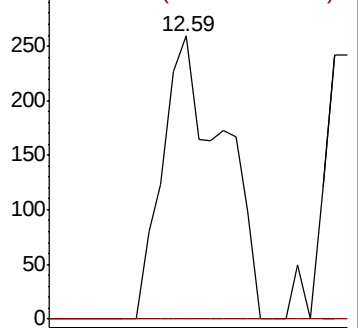
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.39 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004368.D

Acq: 05 Sep 2018 13:35

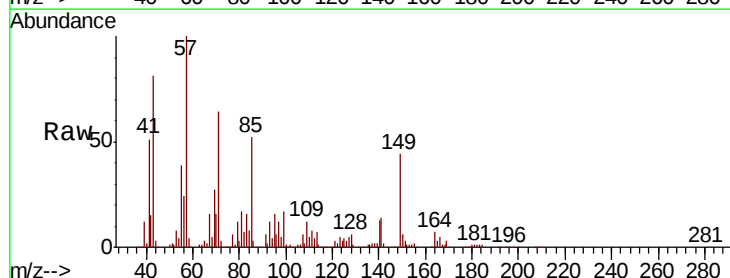
Tgt Ion:128 Resp: 6411

Ion Ratio Lower Upper

128 100

127 102.6 10.2 15.2#

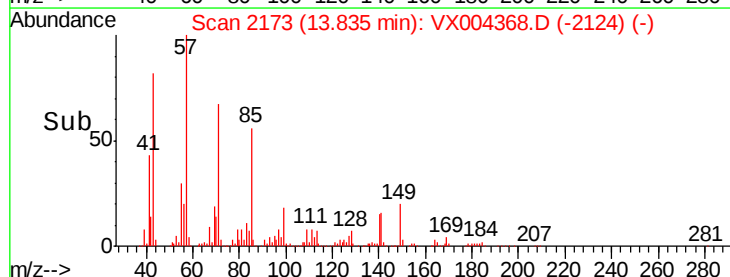
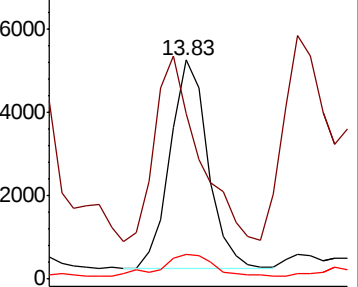
129 14.6 8.6 12.8#

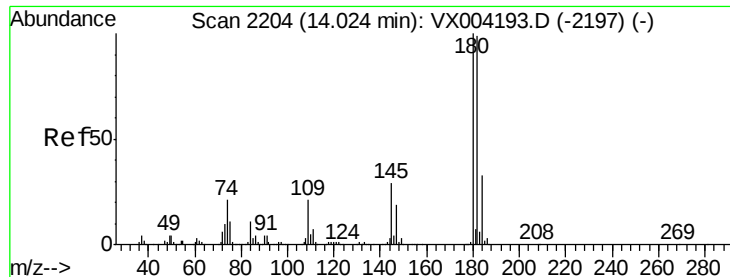


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.79 ug/l
 RT: 13.98 min Scan# 2196
 Delta R.T. -0.05 min
 Lab File: VX004368.D
 Acq: 05 Sep 2018 13:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.3	48.5	145.6
145	16.2	14.9	44.9

