

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052919\
 Data File : VX009938.D
 Acq On : 29 May 2019 14:29
 Operator : JC/SP
 Sample : K3077-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-4

Quant Time: May 30 01:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112820	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	125279	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
35) Dibromofluoromethane	5.50	113	91386	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	373599	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	122615	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	

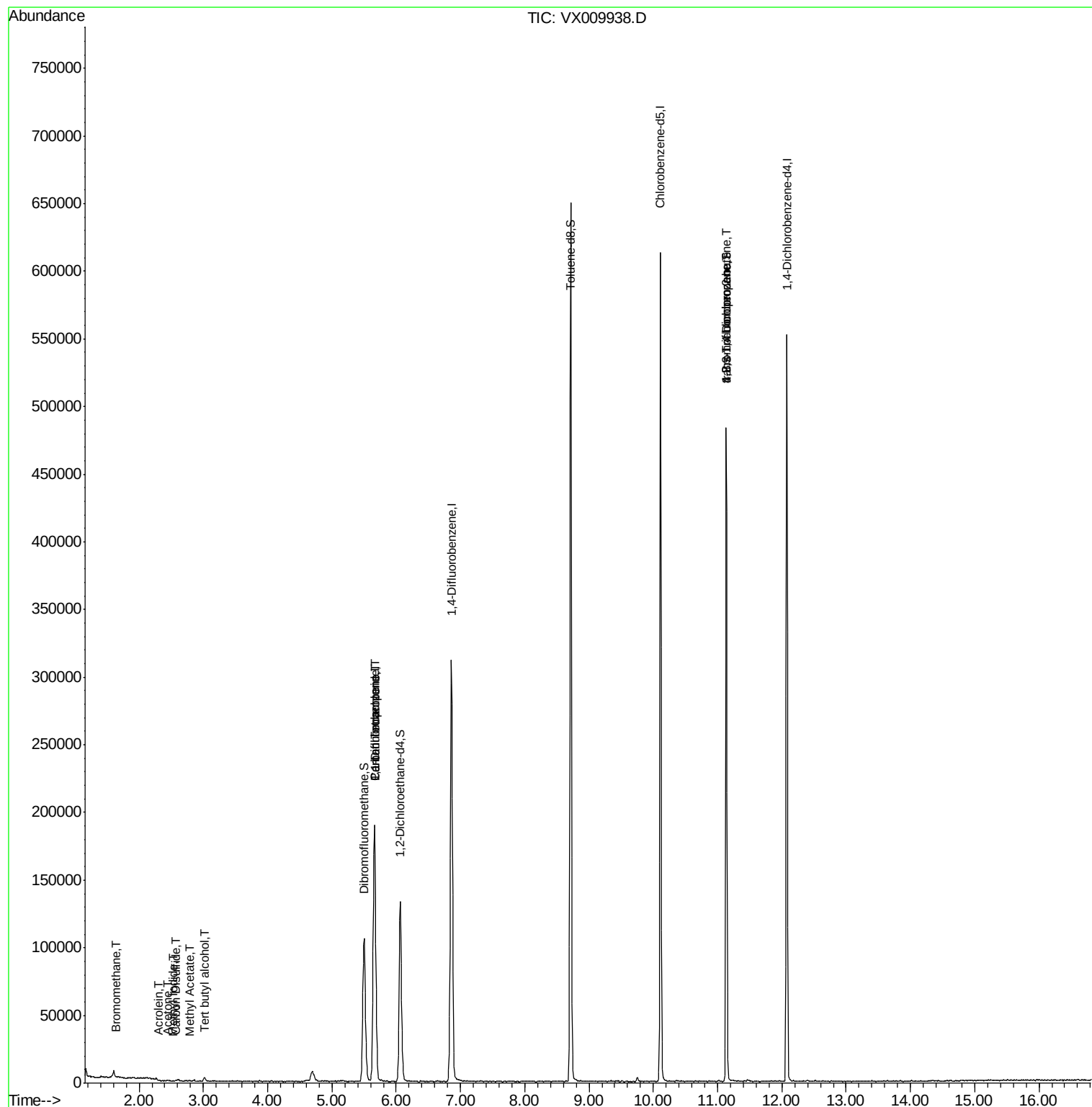
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	350	0.215	ug/l	92
10) Methyl Iodide	2.53	142	147	4.717	ug/l #	61
11) Tert butyl alcohol	3.02	59	1906	3.019	ug/l #	80
13) Acrolein	2.29	56	207	21.520	ug/l #	64
16) Acetone	2.45	43	586	0.395	ug/l #	67
17) Carbon Disulfide	2.57	76	699	0.509	ug/l #	89
18) Methyl Acetate	2.78	43	758	0.220	ug/l #	68
36) 1,1-Dichloropropene	5.66	75	14653	4.893	ug/l #	51
38) Carbon Tetrachloride	5.66	117	17337	6.699	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	63914	23.690	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	63914	58.614	ug/l #	10

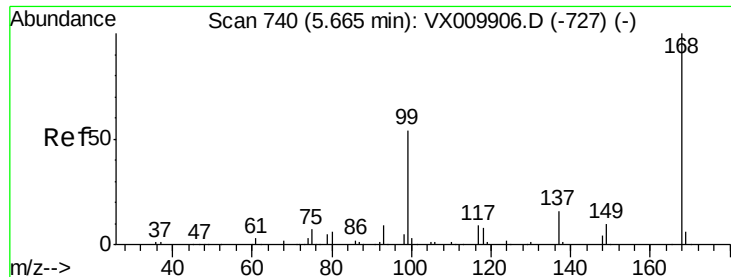
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052919\
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

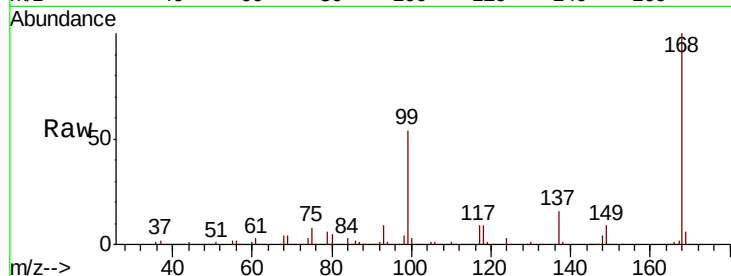
S32-TB-2019-4

Tot Ion:168 Resp: 181611

Ion Ratio Lower Upper

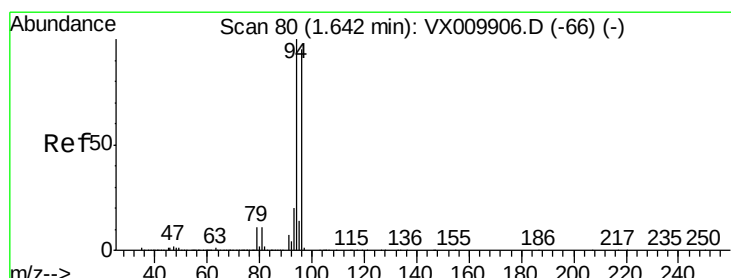
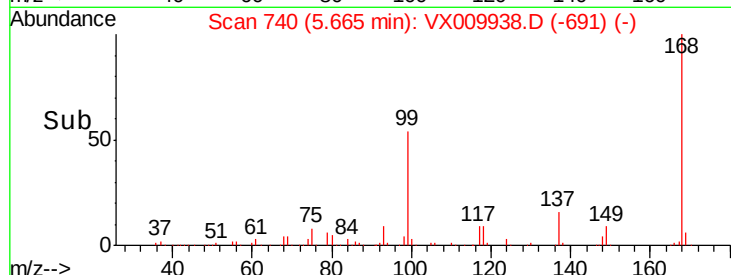
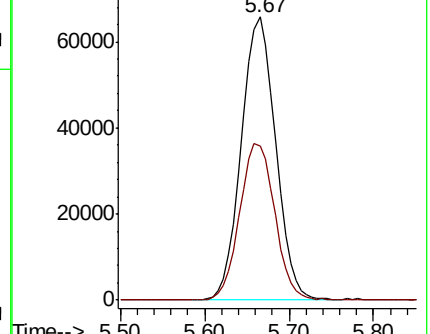
168 100

99 54.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.215 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX009938.D

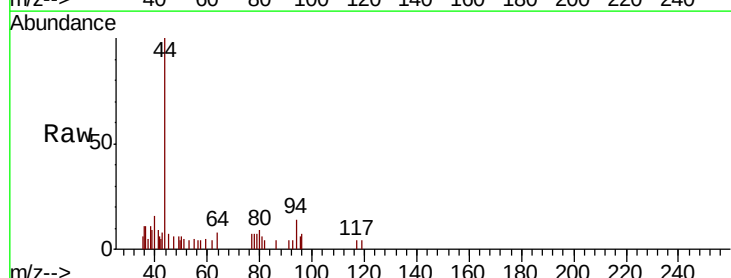
Acq: 29 May 2019 14:29

Tgt Ion: 94 Resp: 350

Ion Ratio Lower Upper

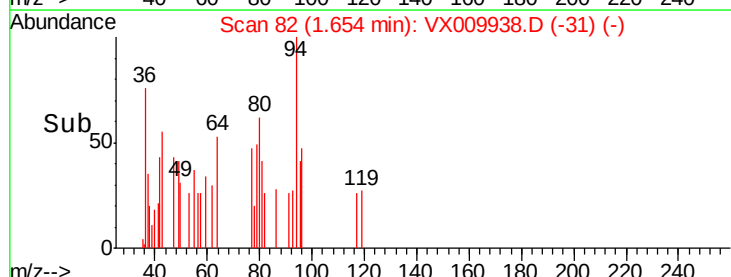
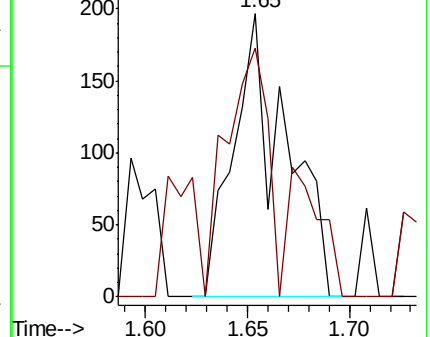
94 100

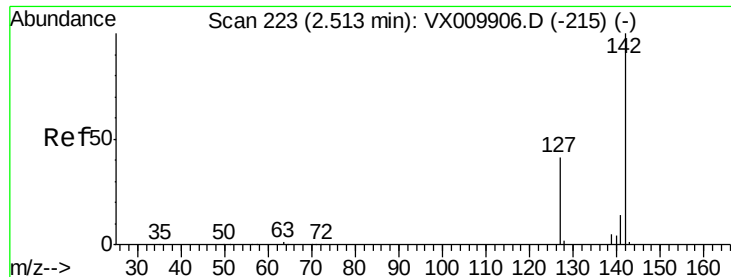
96 87.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

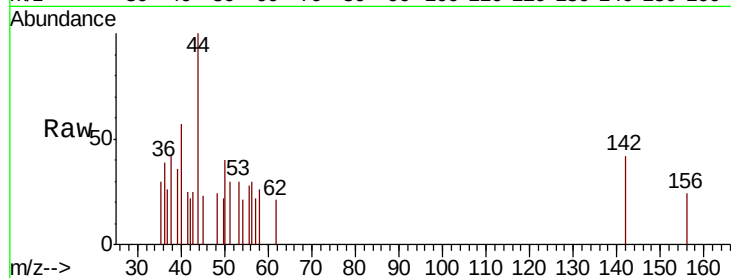




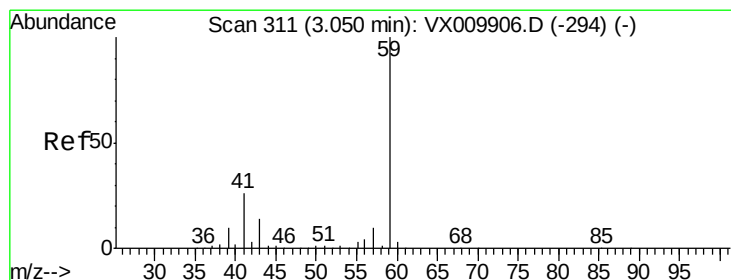
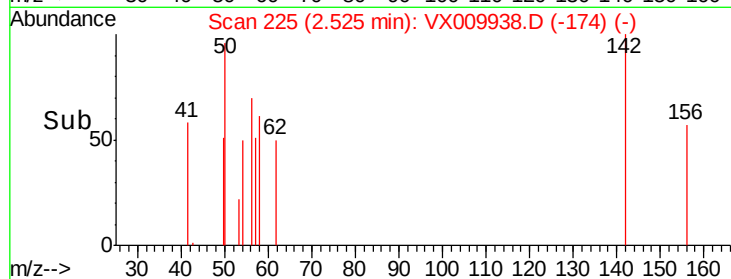
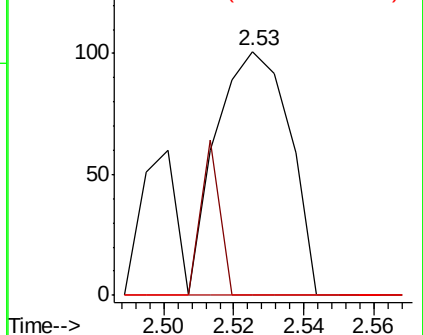
#10
Methvl Iodide
Concen: 4.717 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Instrument :
MSVOA_X
ClientSampled :
S32-TB-2019-4

Tot Ion:142 Resp: 147
Ion Ratio Lower Upper
142 100
127 15.6 33.0 49.4#
141 0.0 11.4 17.0#

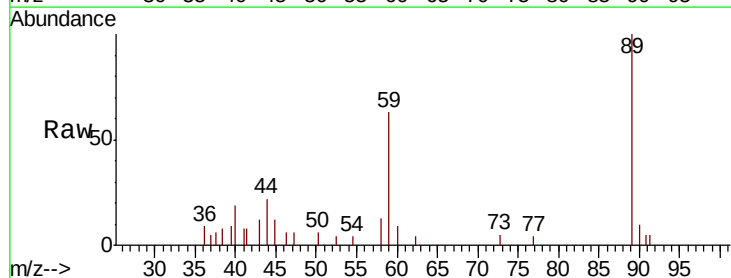


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

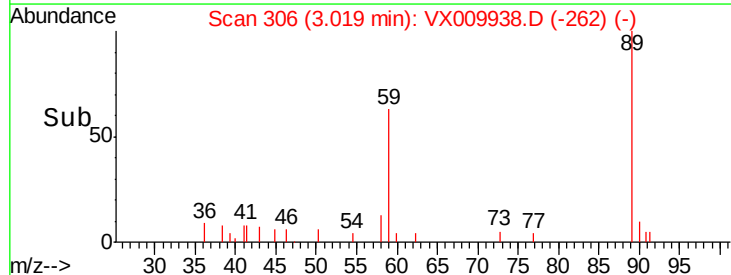
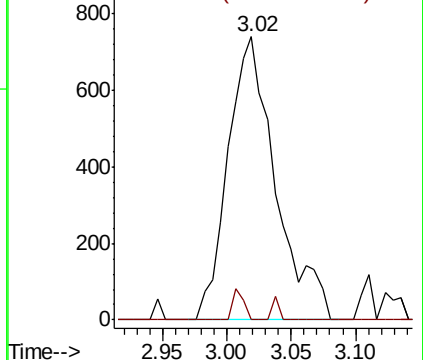


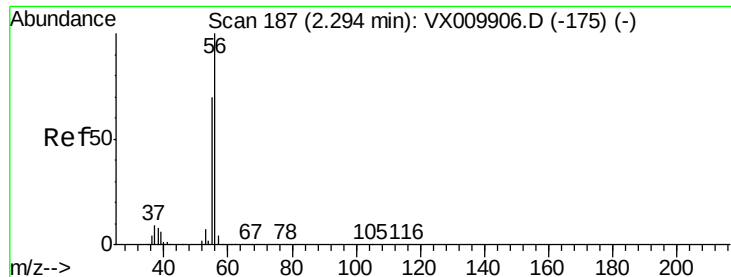
#11
Tert butyl alcohol
Concen: 3.019 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 59 Resp: 1906
Ion Ratio Lower Upper
59 100
57 2.6 8.2 12.2#



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





#13

Acrolein

Concen: 21.520 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

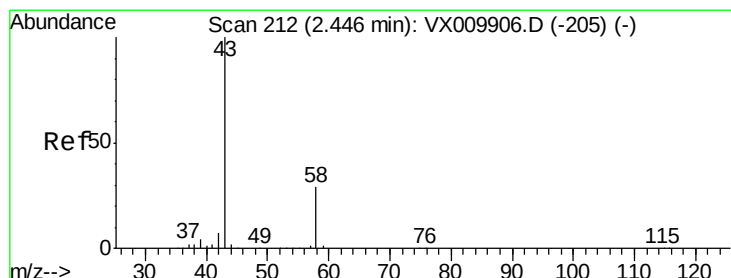
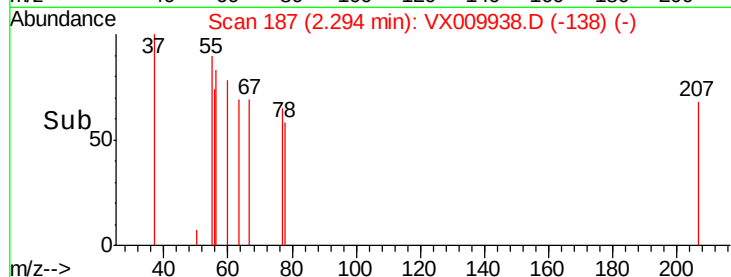
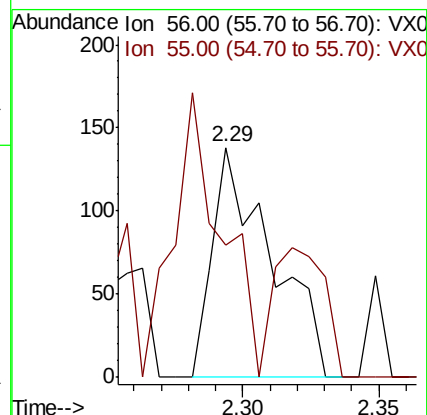
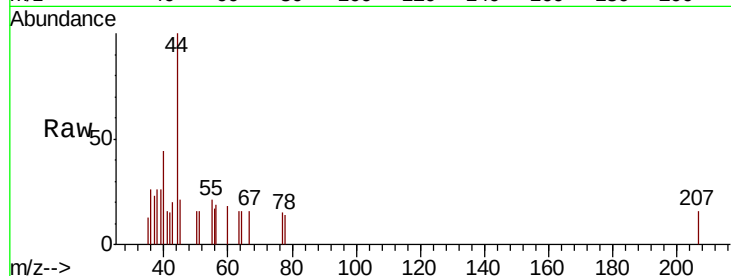
S32-TB-2019-4

Tot Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

55 101.0 57.0 85.4#



#16

Acetone

Concen: 0.395 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009938.D

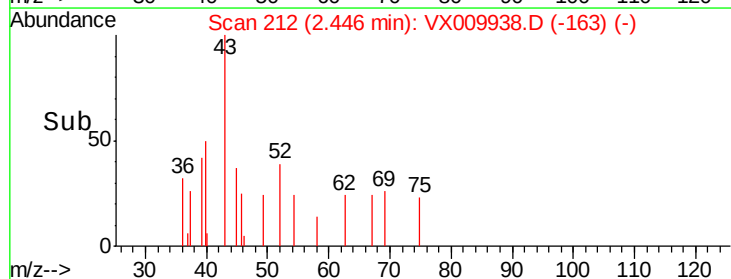
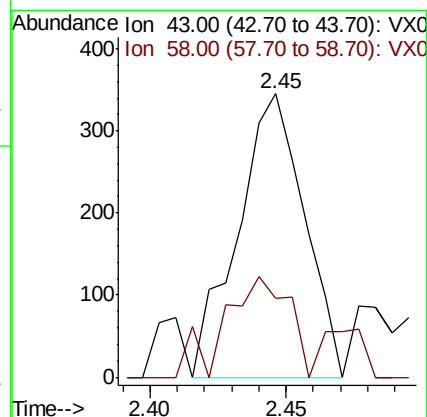
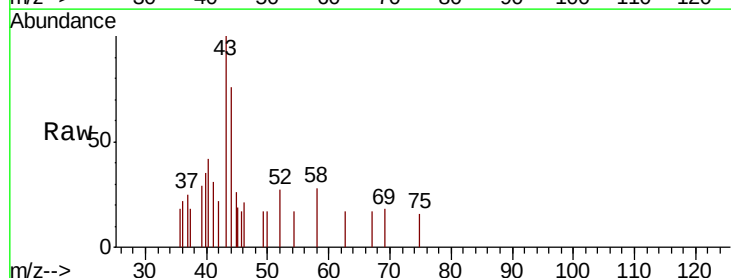
Acq: 29 May 2019 14:29

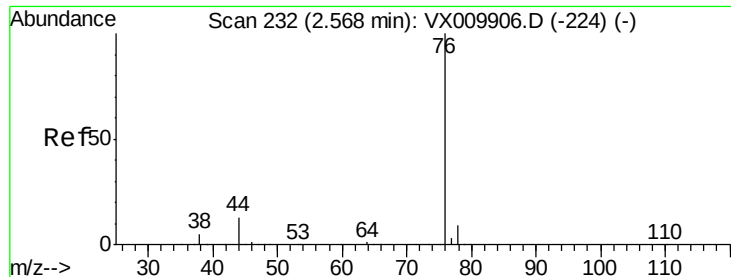
Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

58 11.6 23.2 34.8#





#17

Carbon Disulfide

Concen: 0.509 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

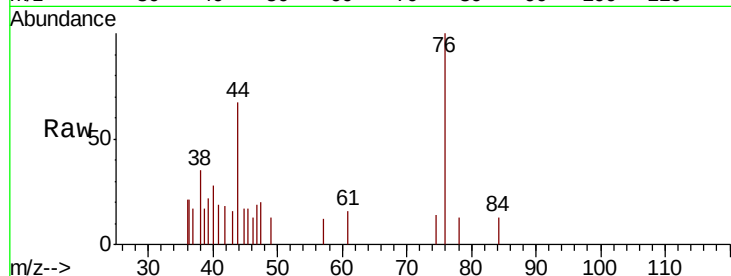
S32-TB-2019-4

Tot Ion: 76 Resp: 699

Ion Ratio Lower Upper

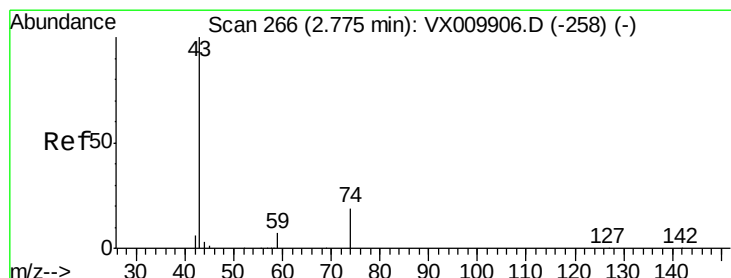
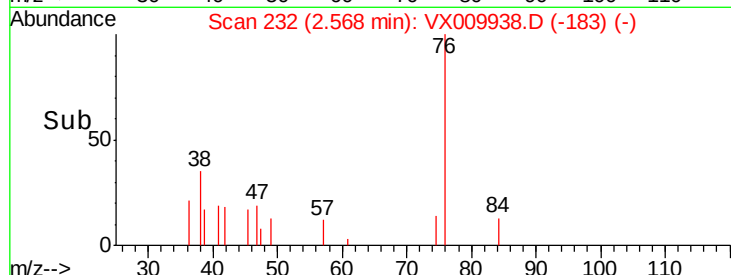
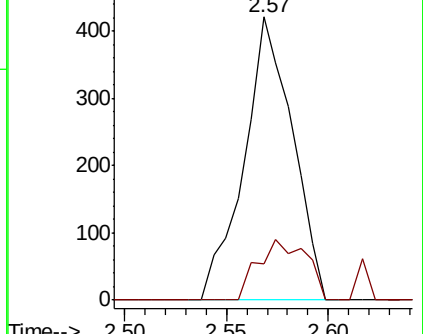
76 100

78 12.8 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: 0.220 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009938.D

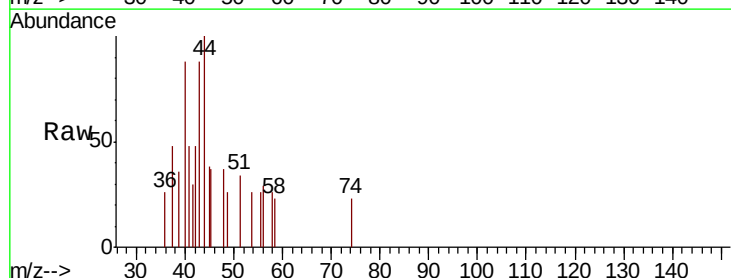
Acq: 29 May 2019 14:29

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

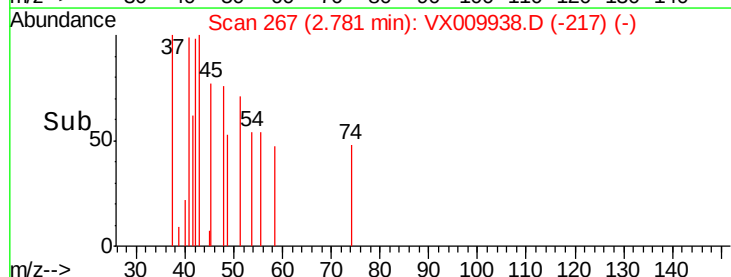
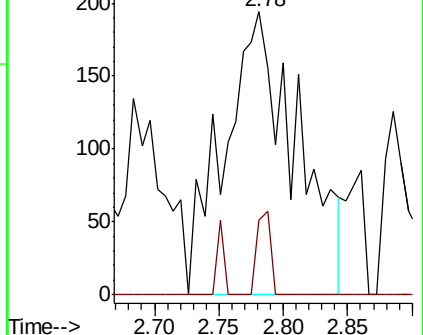
43 100

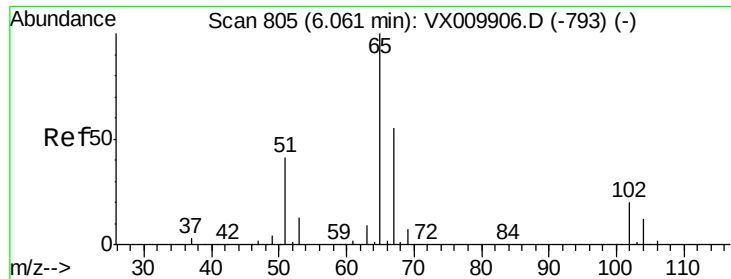
74 5.3 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

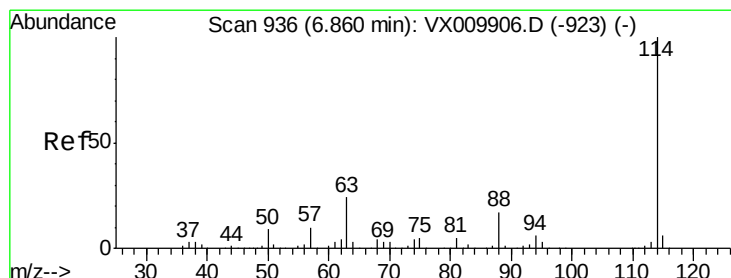
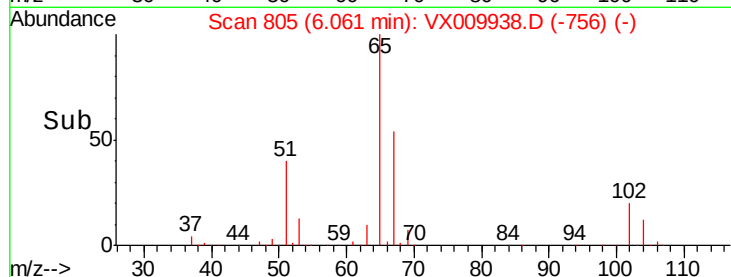
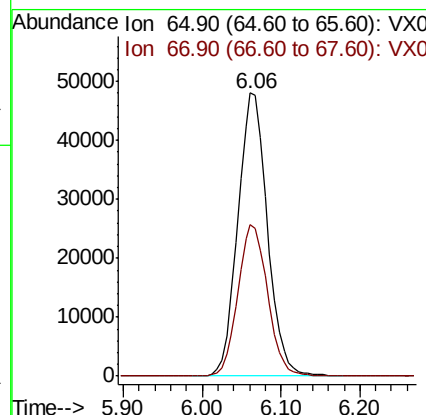
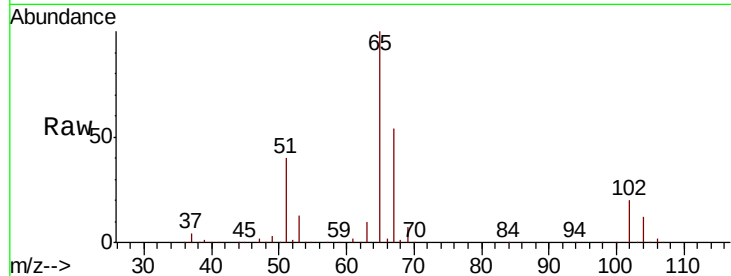




#33
 1,2-Dichloroethane-d4
 Concen: 48.834 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009938.D
 Acq: 29 May 2019 14:29

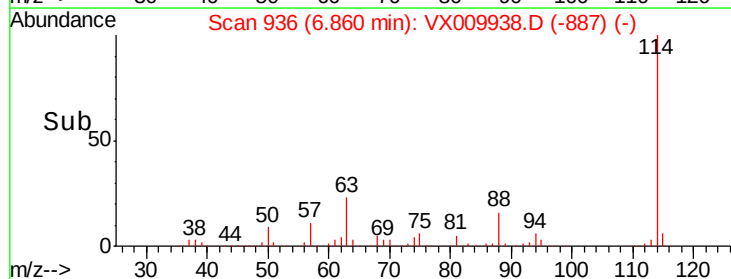
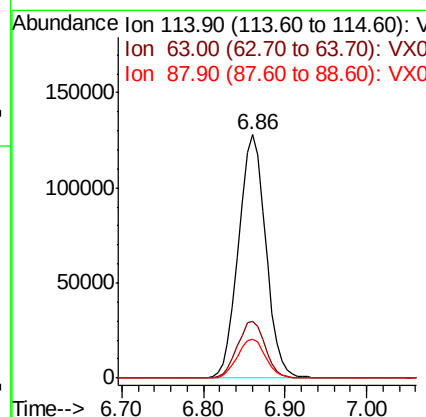
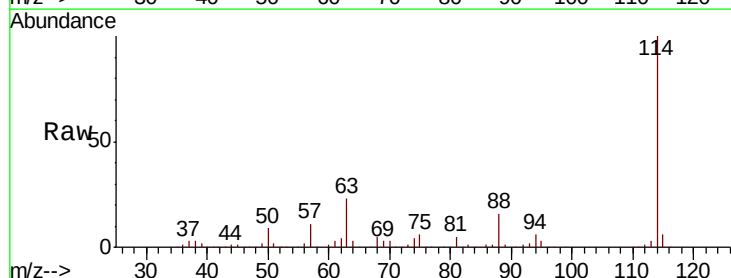
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-4

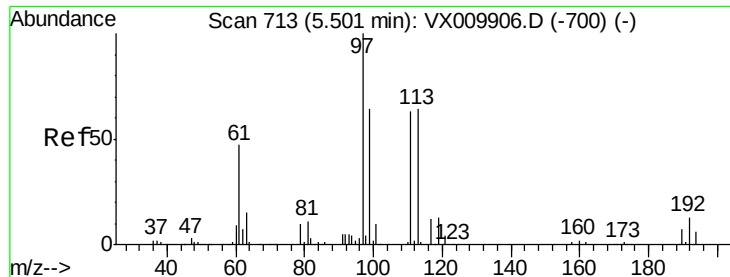
Tot Ion: 65 Resp: 125279
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009938.D
 Acq: 29 May 2019 14:29

Tgt Ion: 114 Resp: 295172
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.4
 88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.245 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2019-4

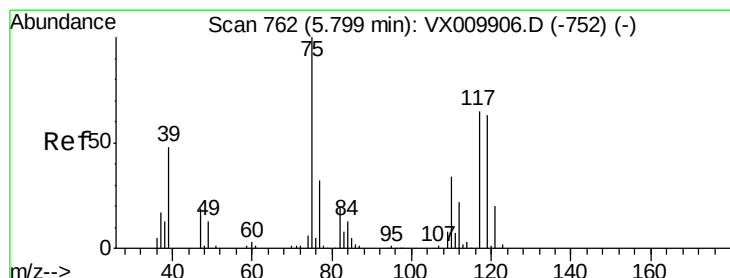
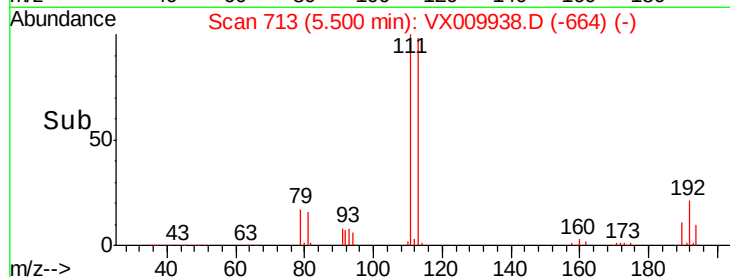
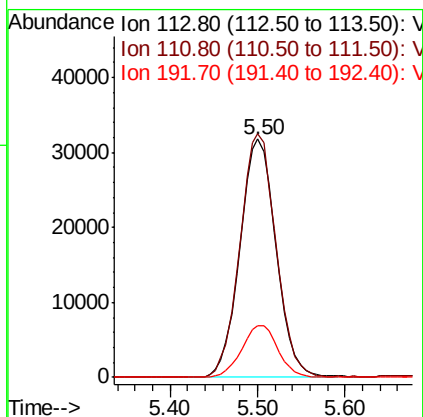
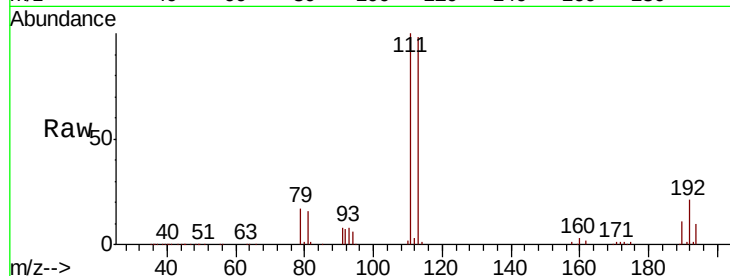
Tot Ion:113 Resp: 91386

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 21.7 17.1 25.7



#36

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

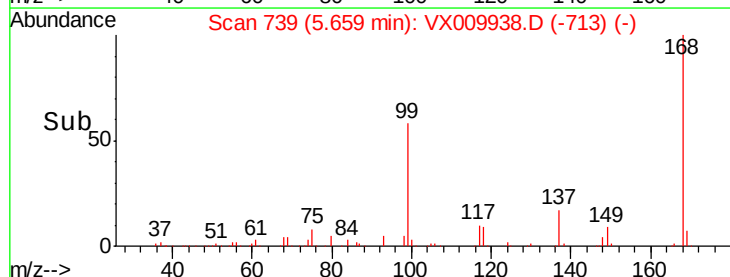
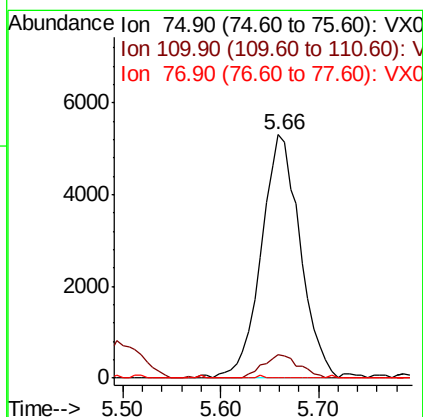
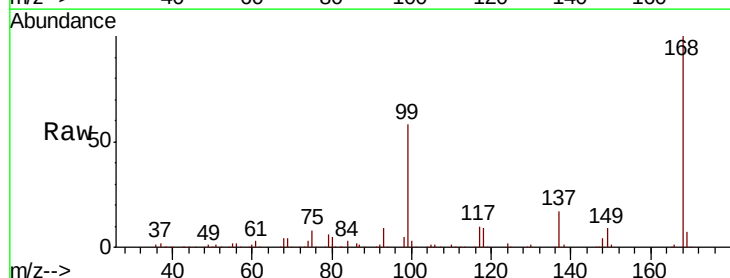
Tgt Ion: 75 Resp: 14653

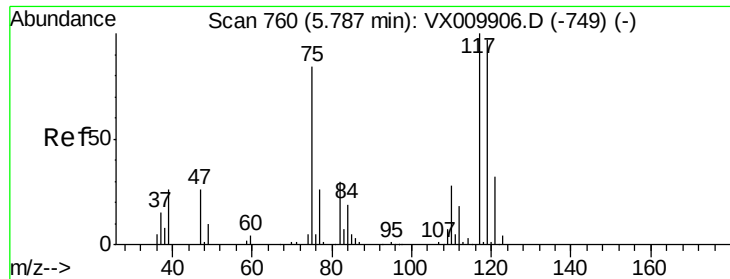
Ion Ratio Lower Upper

75 100

110 9.0 16.7 50.1#

77 0.1 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.699 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2019-4

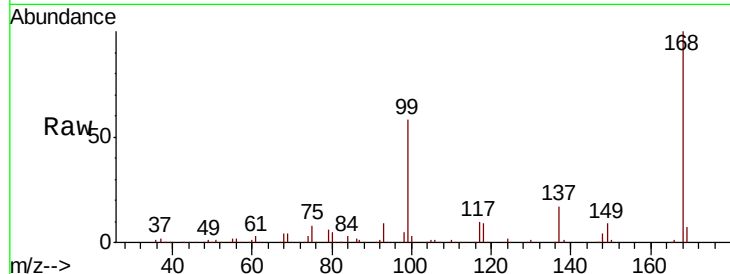
Tot Ion:117 Resp: 17337

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

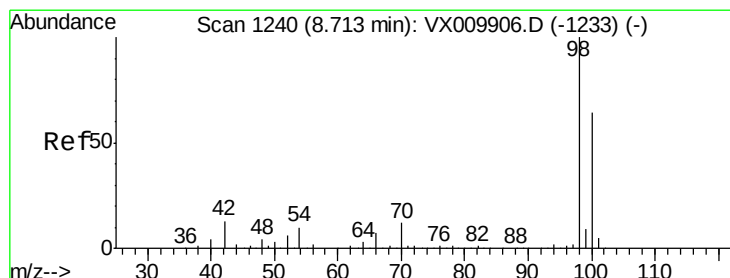
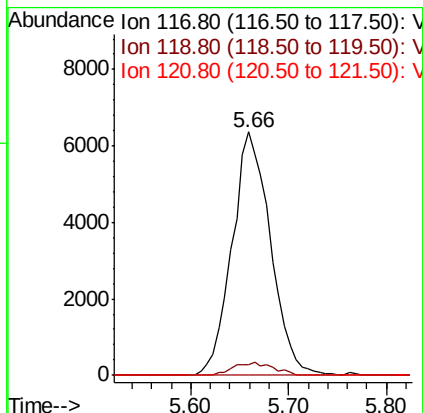
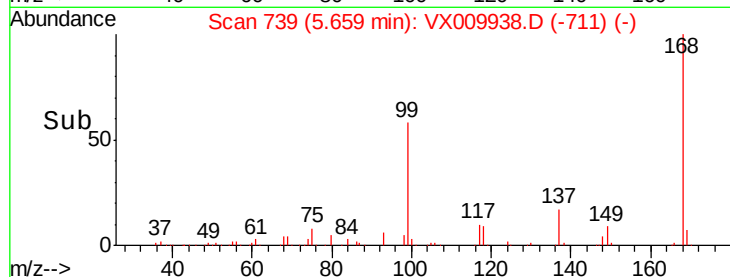
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.576 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009938.D

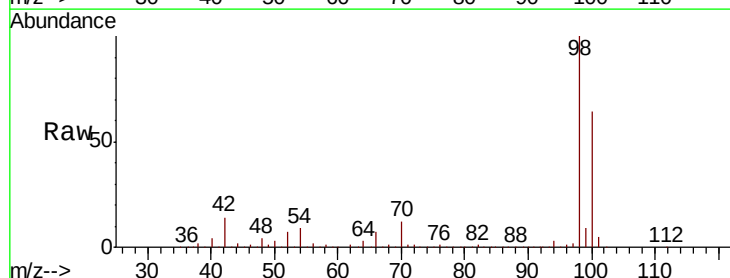
Acq: 29 May 2019 14:29

Tgt Ion: 98 Resp: 373599

Ion Ratio Lower Upper

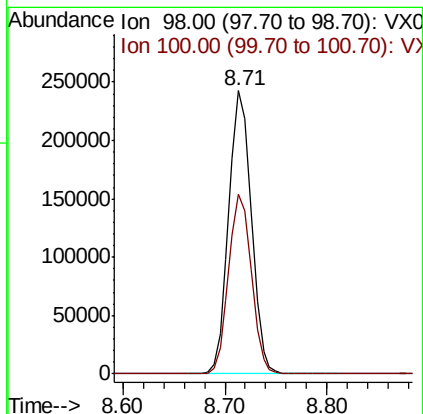
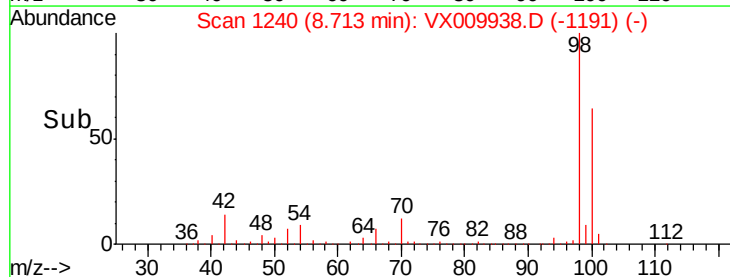
98 100

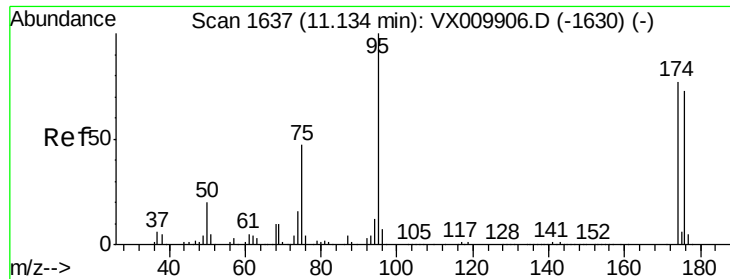
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.300 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampled :

S32-TB-2019-4

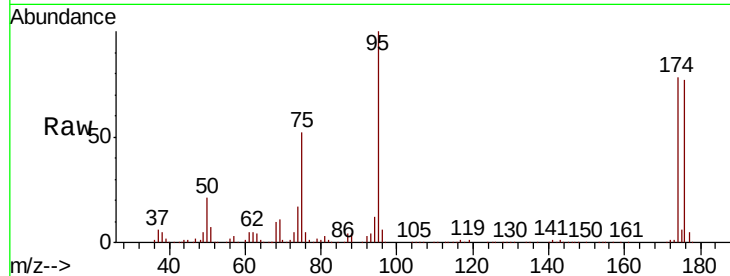
Tot Ion: 95 Resp: 122615

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.4

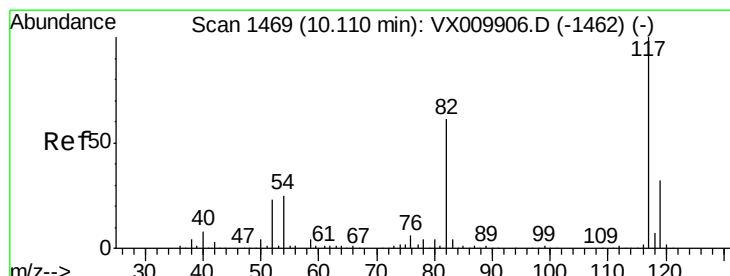
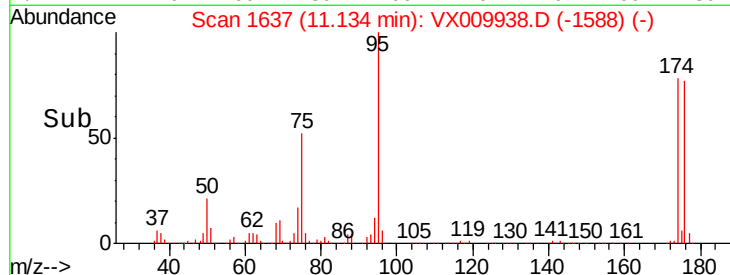
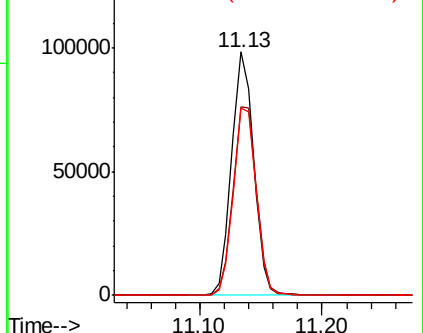
176 79.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

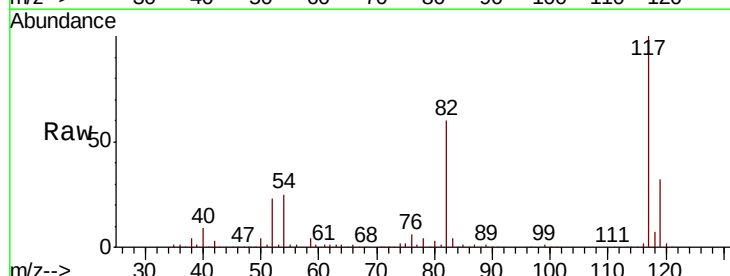
Tgt Ion: 117 Resp: 262362

Ion Ratio Lower Upper

117 100

82 60.4 49.2 73.8

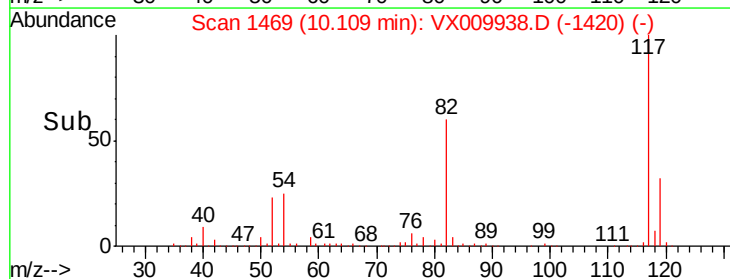
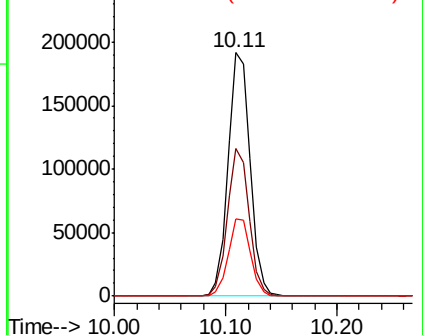
119 31.7 25.2 37.8

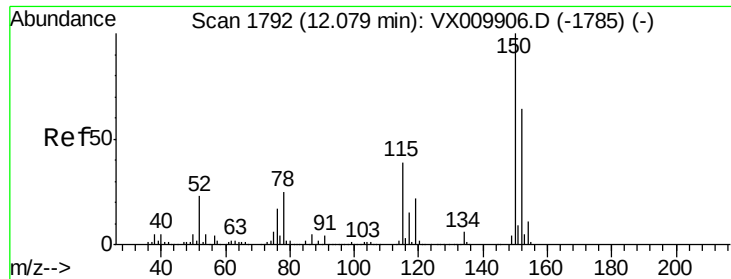


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



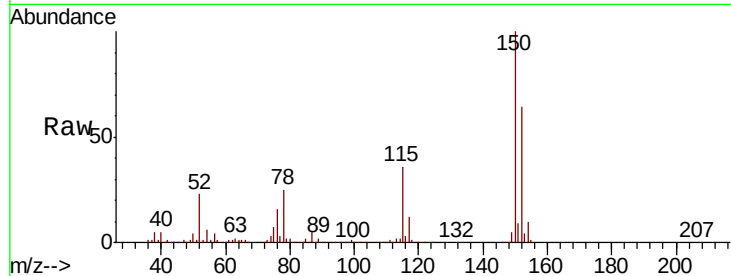


#72

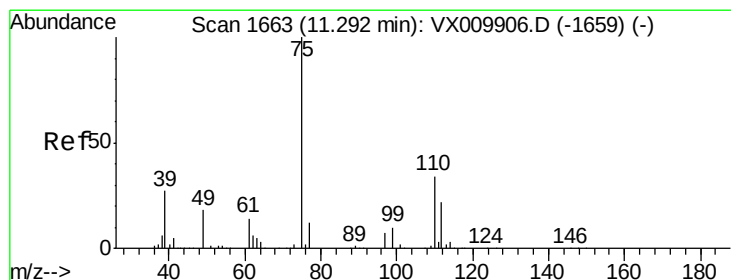
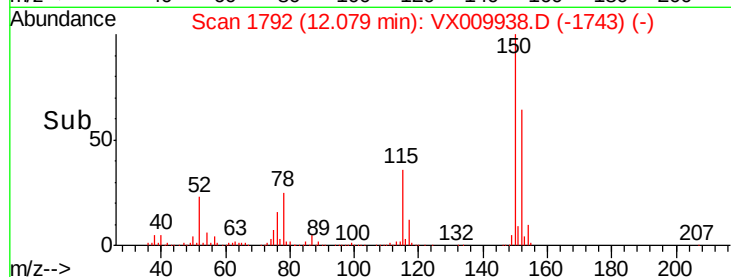
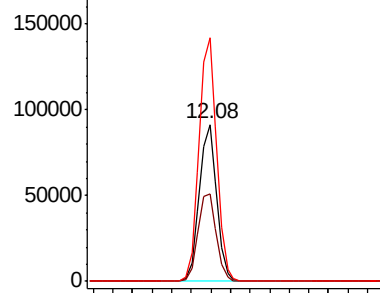
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-4

Tot Ion:152 Resp: 112820
Ion Ratio Lower Upper
152 100
115 58.4 41.4 124.2
150 157.4 0.0 345.2



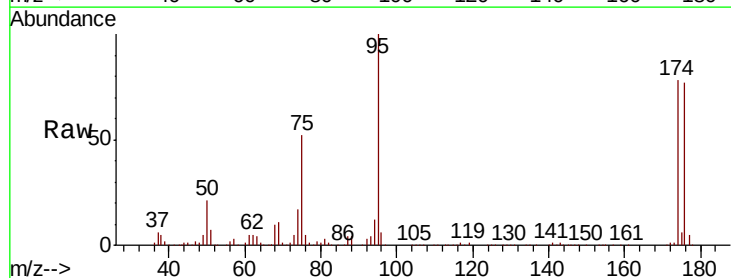
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



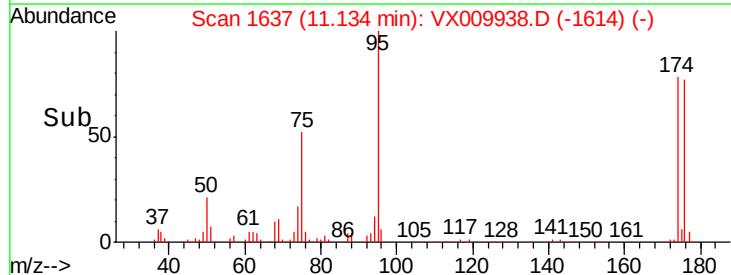
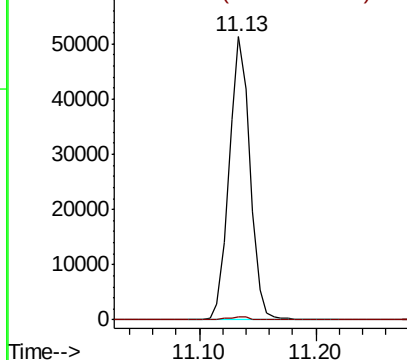
#76

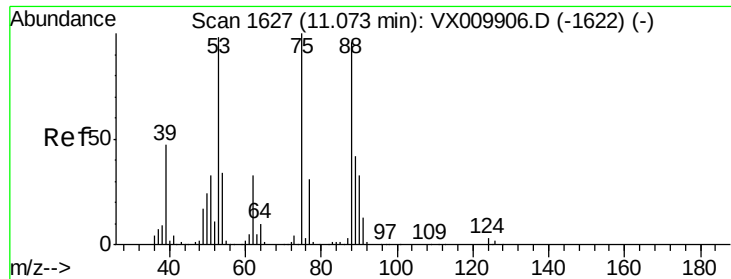
1,2,3-Trichloropropane
Concen: 23.690 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009938.D
Acq: 29 May 2019 14:29

Tgt Ion: 75 Resp: 63914
Ion Ratio Lower Upper
75 100
77 1.2 22.1 66.1#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 58.614 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009938.D

Acq: 29 May 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2019-4

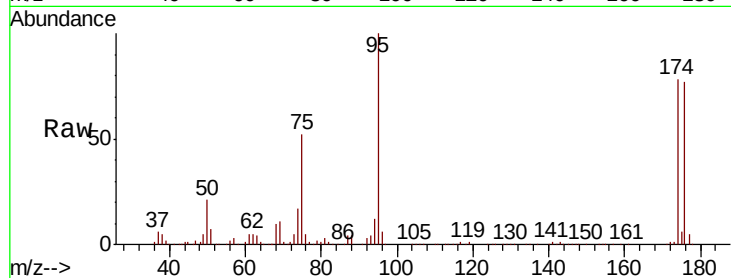
Tot Ion: 75 Resp: 63914

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.0 34.2 51.4#



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

