

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008379.D
 Acq On : 24 Mar 2019 10:16
 Operator : JC/SP
 Sample : VV0324WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBL01

Quant Time: Mar 25 05:43:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	384289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134962	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	163269	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
35) Dibromofluoromethane	5.49	113	120253	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	481995	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	158659	43.88	ug/l	0.00
Spiked Amount			Recovery	=	87.76%	

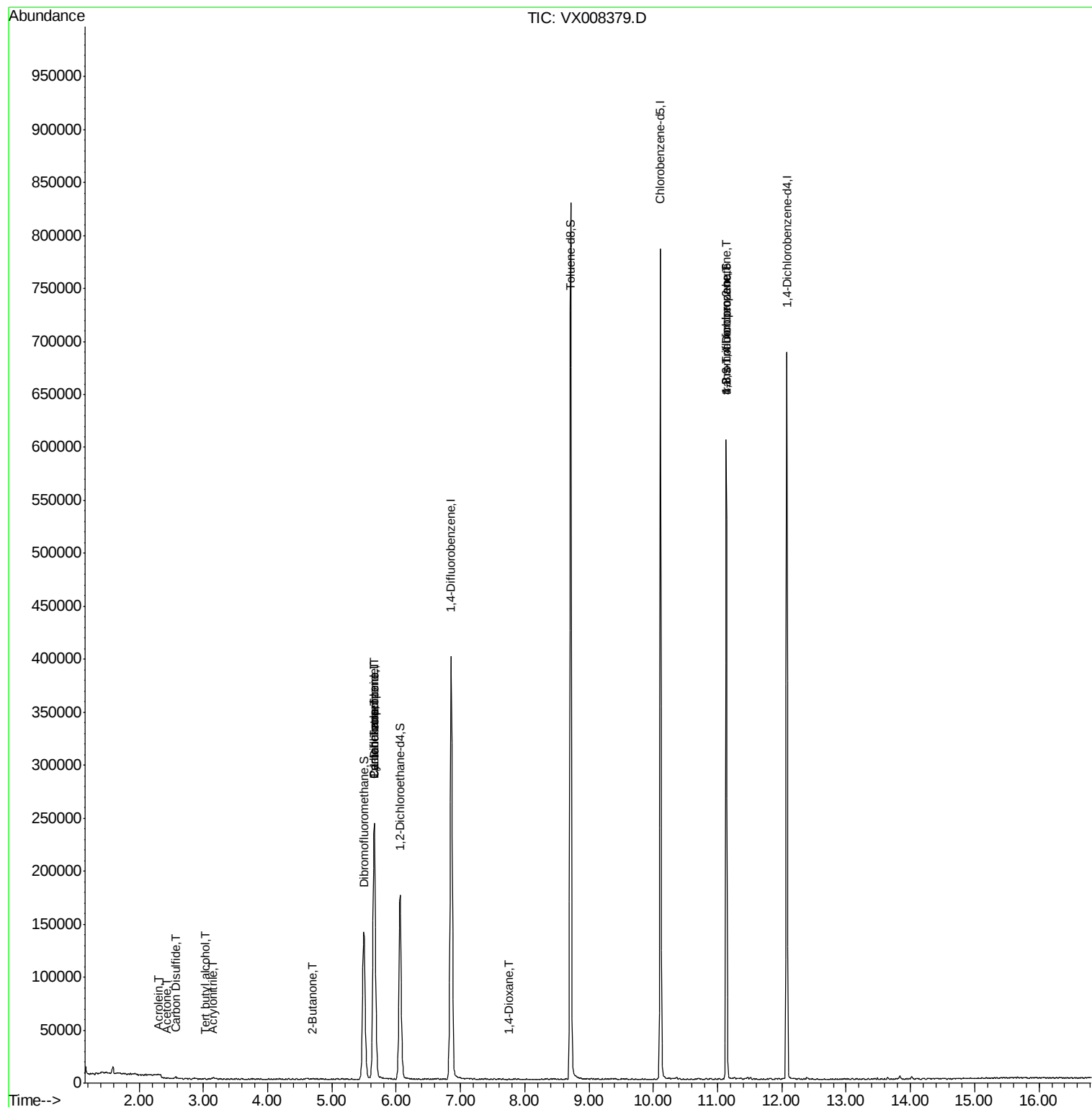
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	284	0.375	ug/l #	76
13) Acrolein	2.31	56	550	0.851	ug/l #	74
15) Acrylonitrile	3.15	53	748	0.386	ug/l #	78
16) Acetone	2.43	43	655	0.386	ug/l #	69
17) Carbon Disulfide	2.57	76	2058	0.254	ug/l	95
25) 2-Butanone	4.70	43	673	0.241	ug/l #	73
31) Cyclohexane	5.66	56	6019	1.127	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19889	5.065	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22710	6.747	ug/l #	16
49) 1,4-Dioxane	7.76	88	67	0.795	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	82973	23.488	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	82973	66.934	ug/l #	12

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032419\
Data File : VX008379.D
Acq On : 24 Mar 2019 10:16
Operator : JC/SP
Sample : VV0324WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

Quant Time: Mar 25 05:43:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

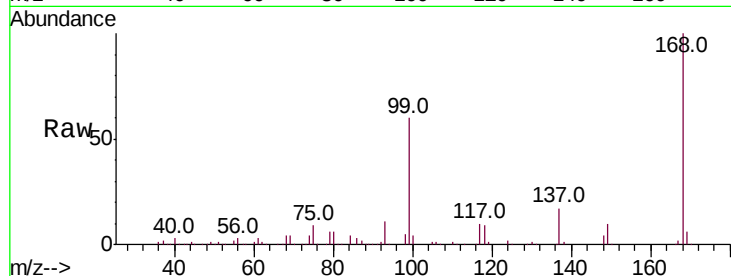
VX0324WBL01

Tot Ion:168 Resp: 222730

Ion Ratio Lower Upper

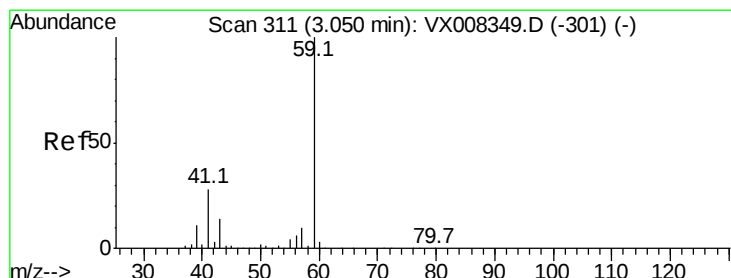
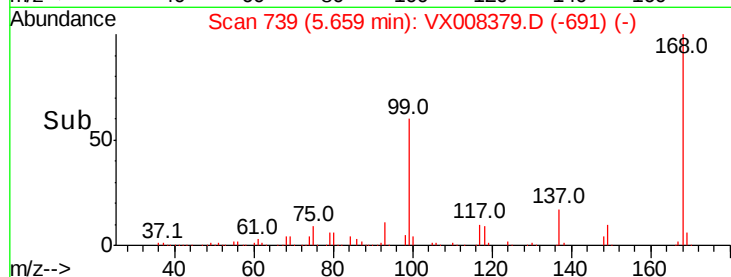
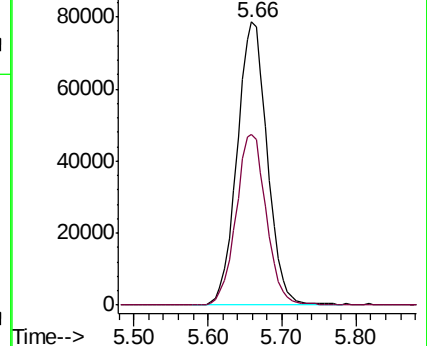
168 100

99 60.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.375 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX008379.D

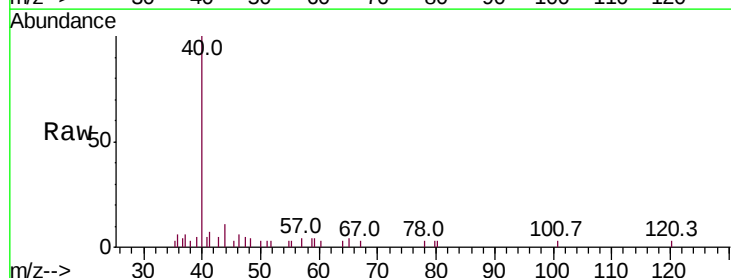
Acq: 24 Mar 2019 10:16

Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

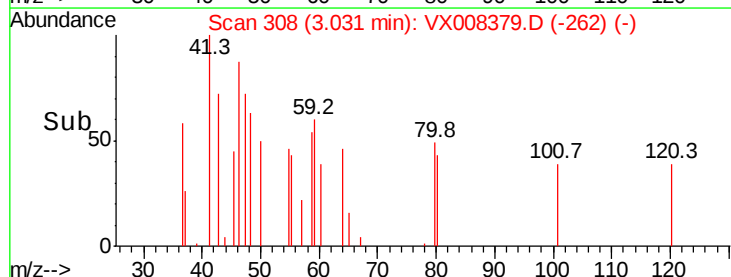
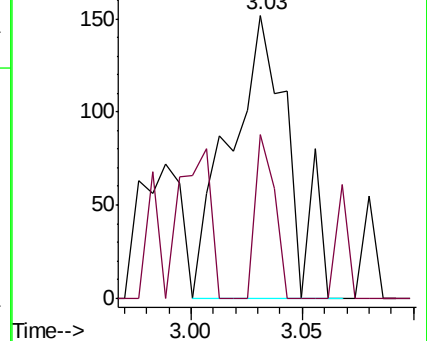
59 100

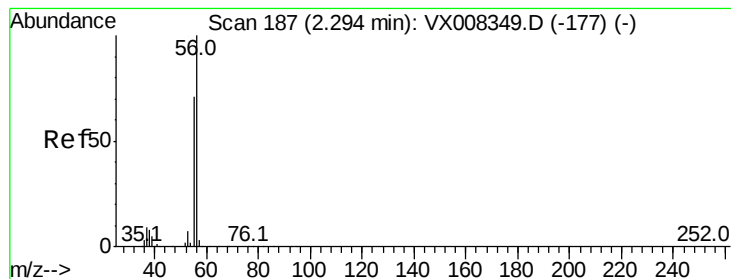
57 19.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.851 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampled :

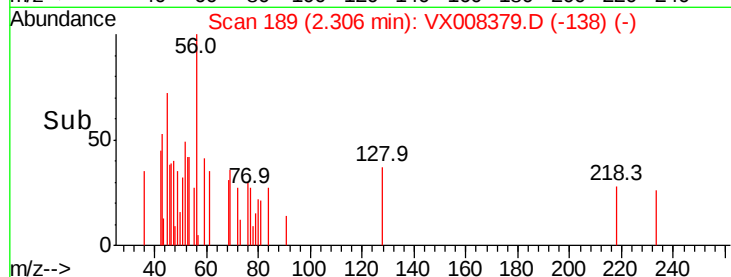
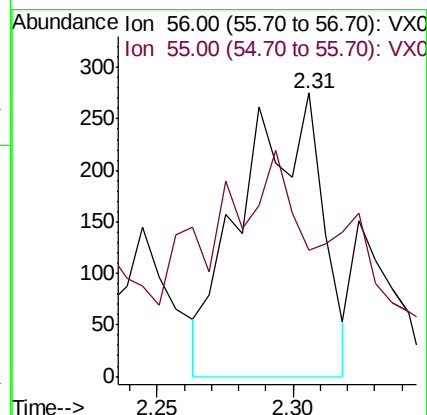
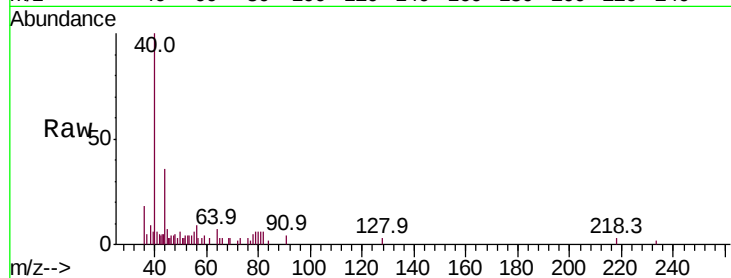
VX0324WBL01

Tot Ion: 56 Resp: 550

Ion Ratio Lower Upper

56 100

55 50.7 57.8 86.6#



#15

Acrylonitrile

Concen: 0.386 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

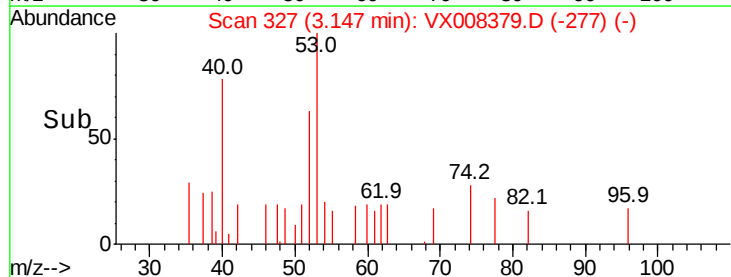
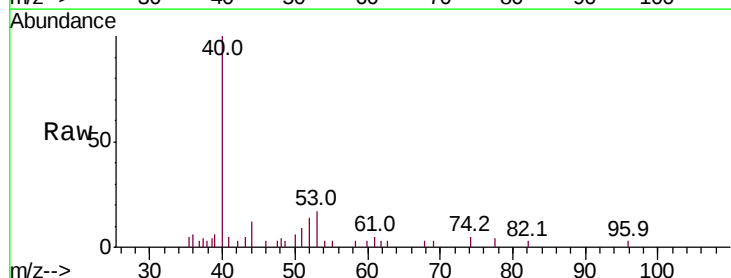
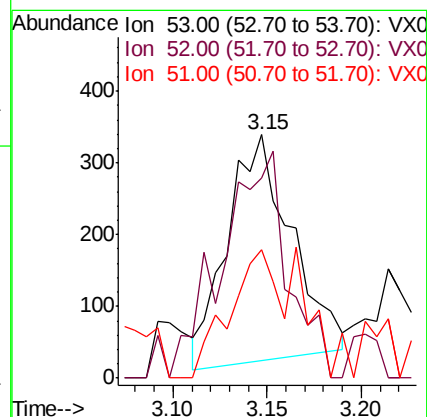
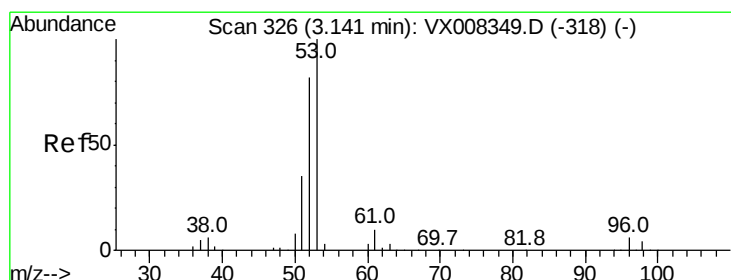
Tgt Ion: 53 Resp: 748

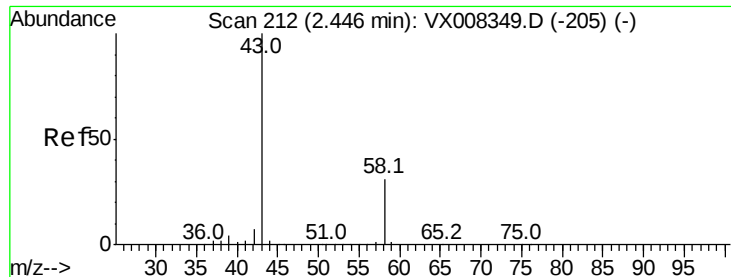
Ion Ratio Lower Upper

53 100

52 105.5 66.0 99.0#

51 42.9 28.0 42.0#





#16

Acetone

Concen: 0.386 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampled :

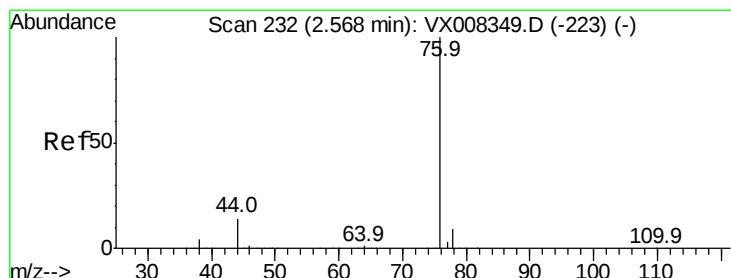
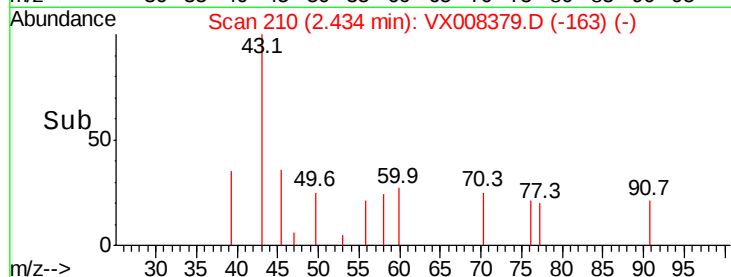
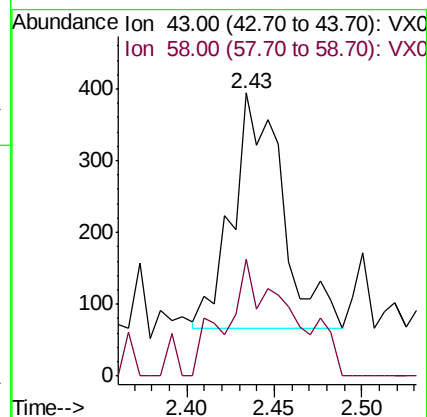
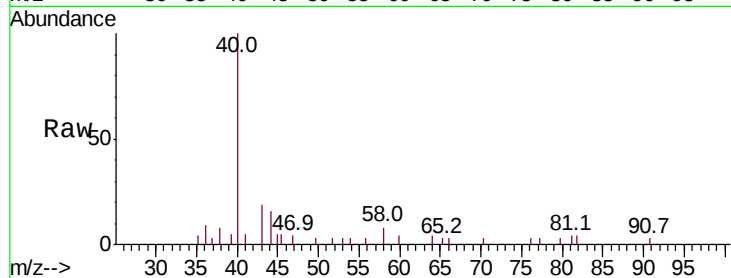
VX0324WBL01

Tot Ion: 43 Resp: 655

Ion Ratio Lower Upper

43 100

58 49.4 25.5 38.3#



#17

Carbon Disulfide

Concen: 0.254 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008379.D

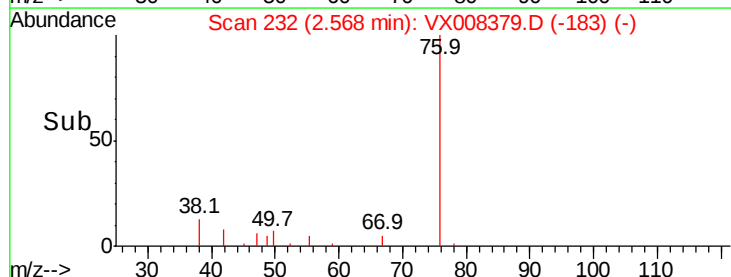
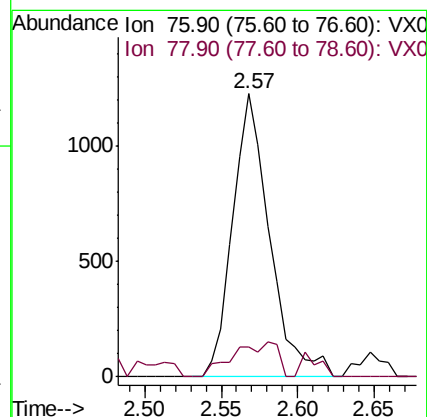
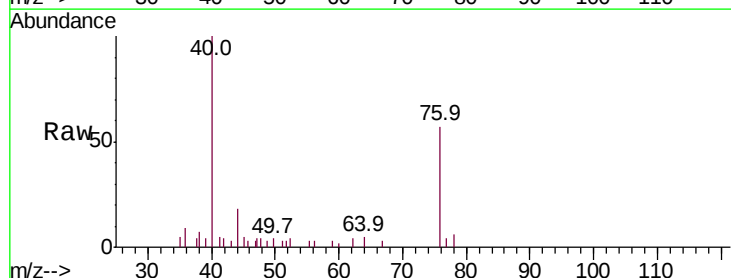
Acq: 24 Mar 2019 10:16

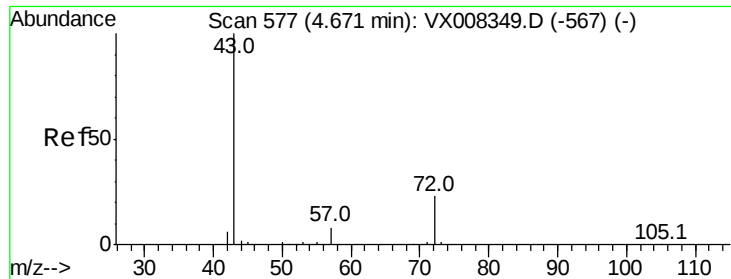
Tgt Ion: 76 Resp: 2058

Ion Ratio Lower Upper

76 100

78 10.7 7.2 10.8





#25

2-Butanone

Concen: 0.241 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampled :

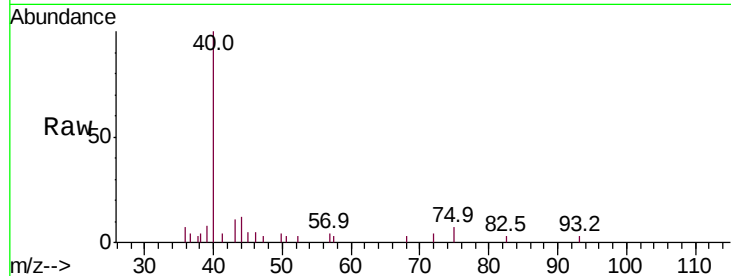
VX0324WBL01

Tot Ion: 43 Resp: 673

Ion Ratio Lower Upper

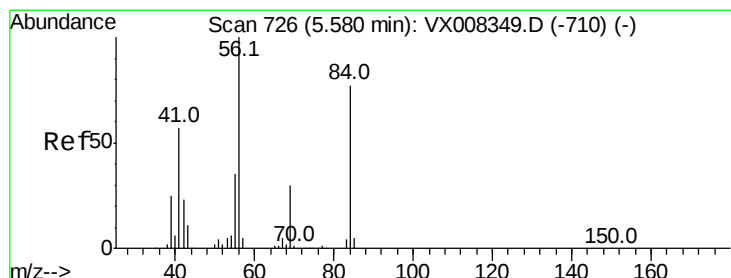
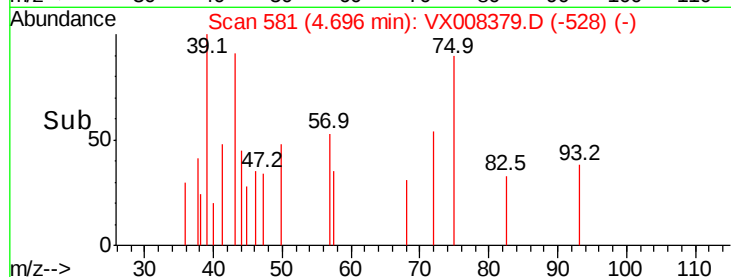
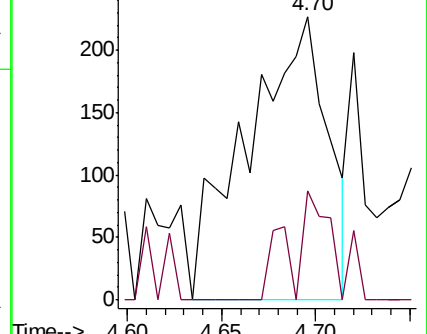
43 100

72 38.3 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

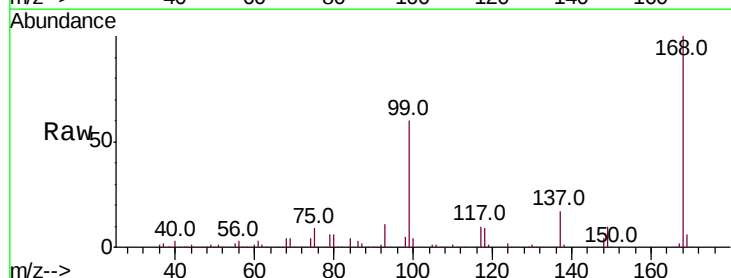
Tgt Ion: 56 Resp: 6019

Ion Ratio Lower Upper

56 100

69 164.3 24.0 36.0#

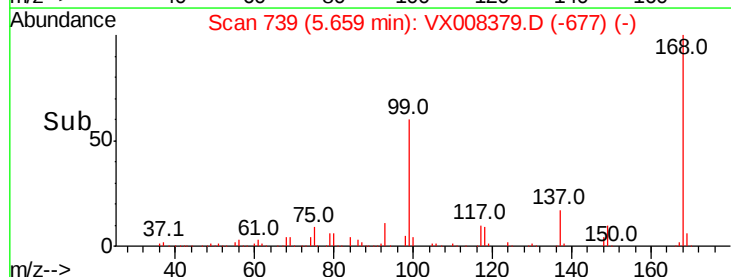
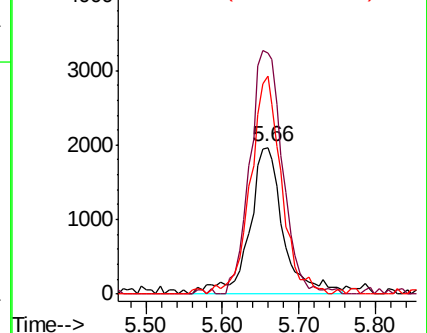
84 145.6 65.3 97.9#

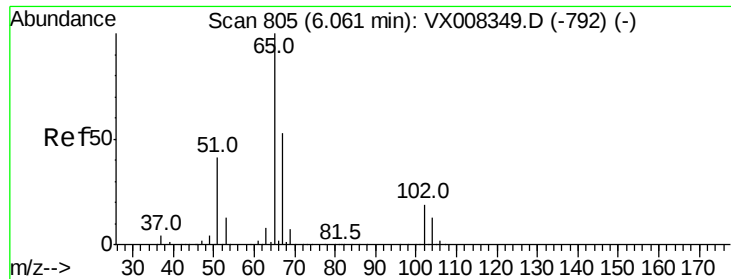


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.061 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

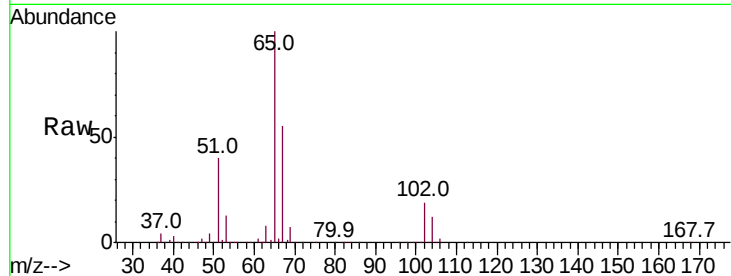
VX0324WBL01

Tot Ion: 65 Resp: 163269

Ion Ratio Lower Upper

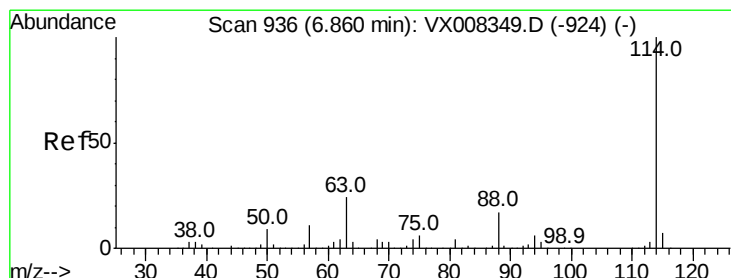
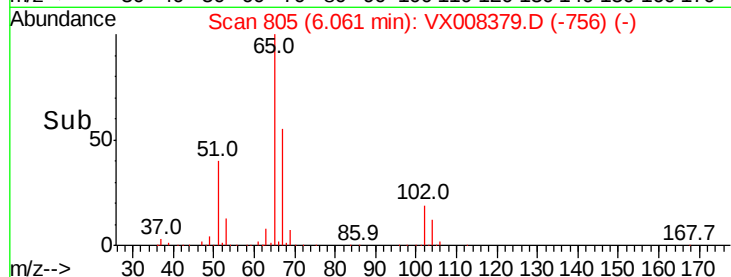
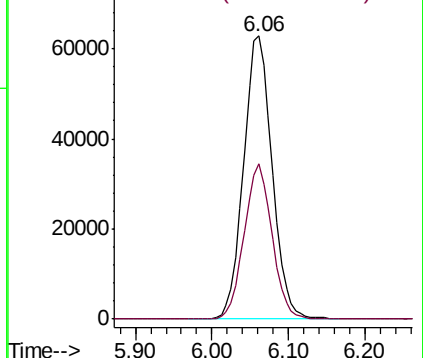
65 100

67 53.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

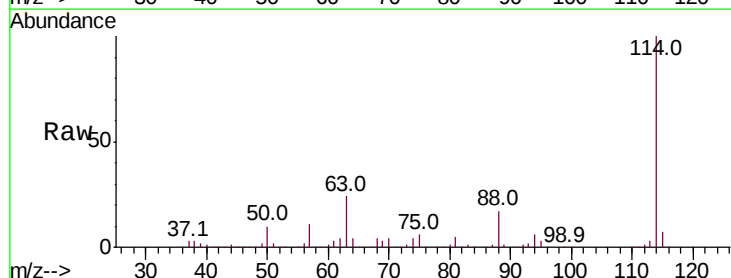
Tgt Ion:114 Resp: 384289

Ion Ratio Lower Upper

114 100

63 23.9 0.0 39.8

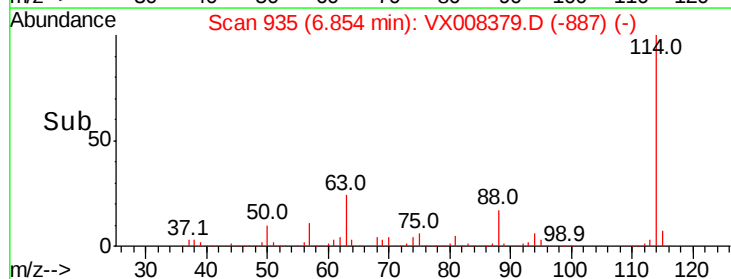
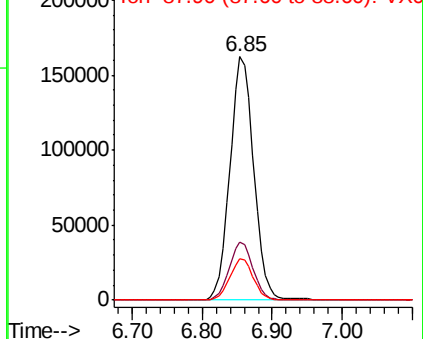
88 17.0 0.0 31.4

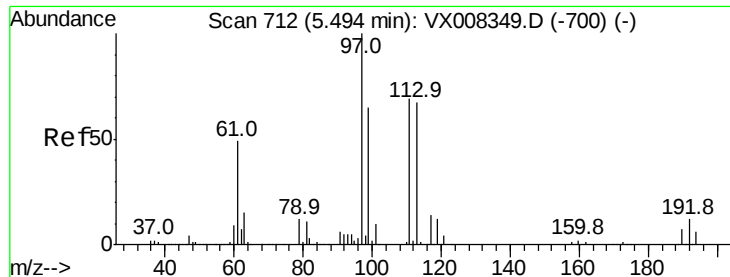


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

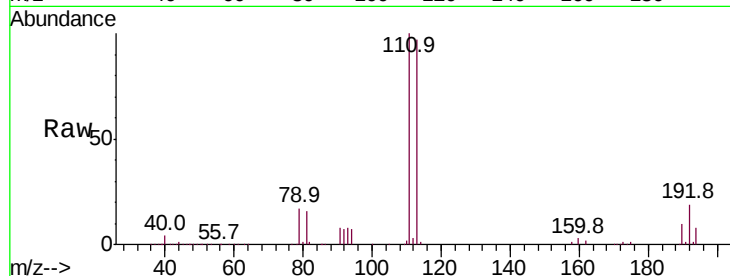




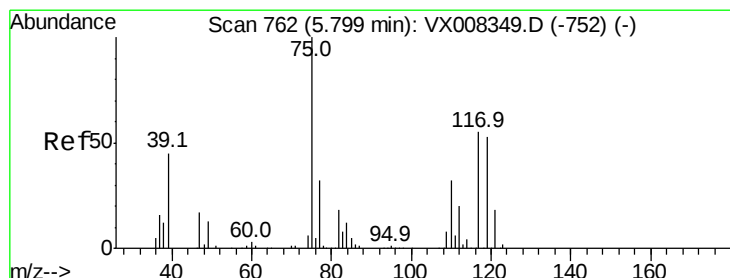
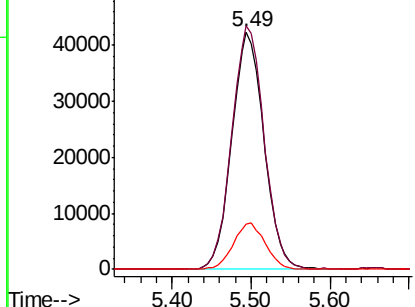
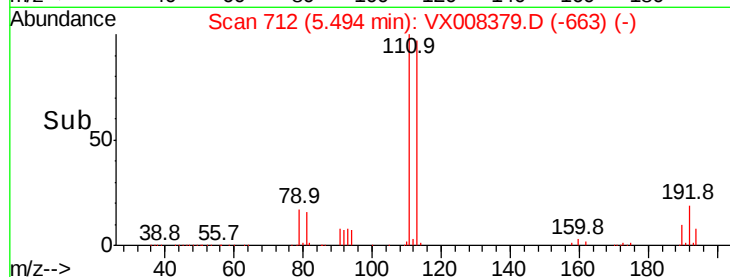
#35
 Dibromofluoromethane
 Concen: 48.298 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008379.D
 Acq: 24 Mar 2019 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBL01

Tot Ion:113 Resp: 120253
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 19.3 19.4 29.0#

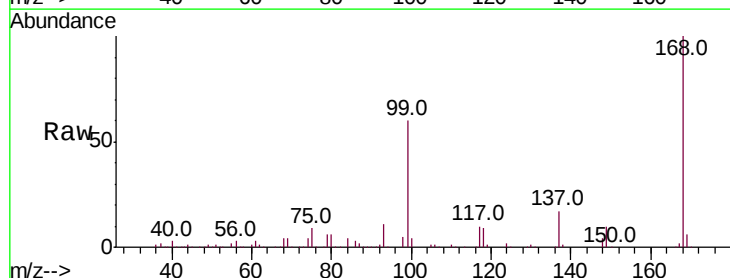


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

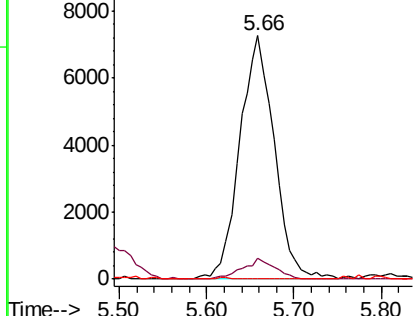
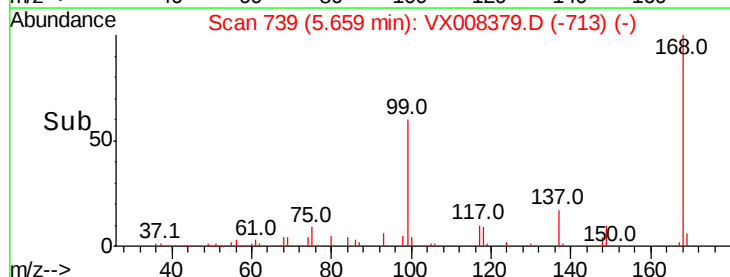


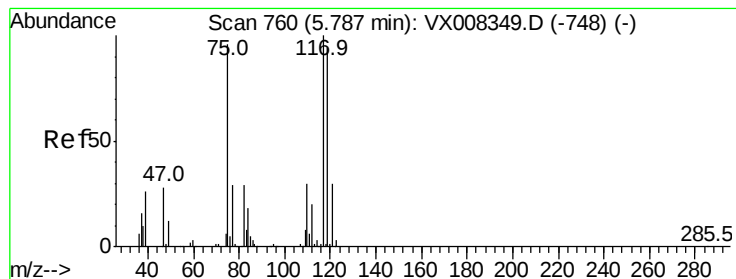
#36
 1,1-Dichloropropene
 Concen: 5.065 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008379.D
 Acq: 24 Mar 2019 10:16

Tgt Ion: 75 Resp: 19889
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.4 55.0#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.747 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBL01

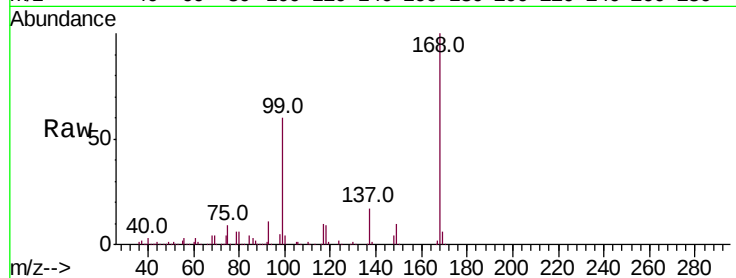
Tot Ion:117 Resp: 22710

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

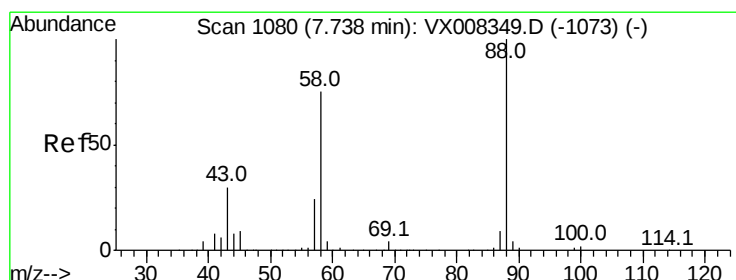
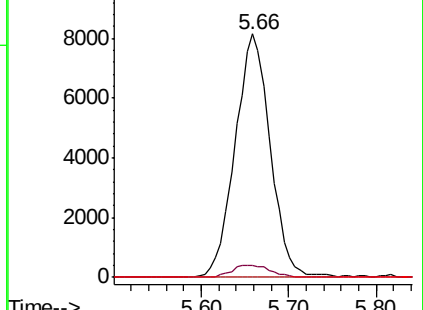
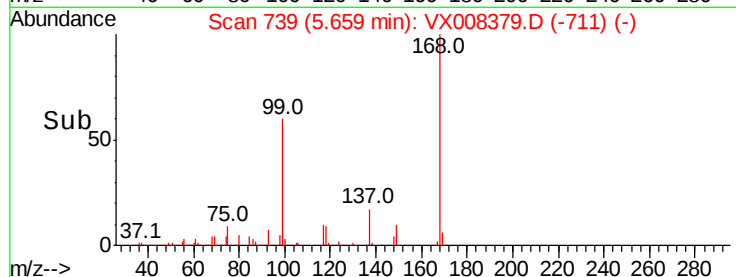
121 0.0 24.6 36.8#



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



#49

1,4-Dioxane

Concen: 0.795 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

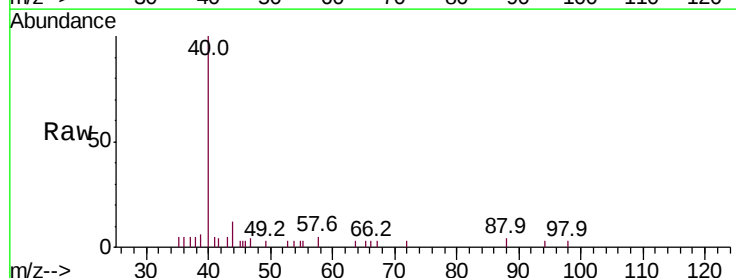
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 225.4 25.1 37.7#

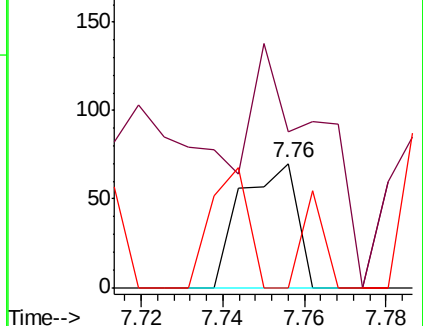
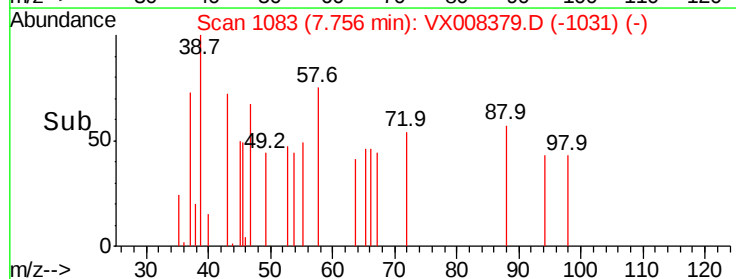
58 29.9 57.8 86.6#

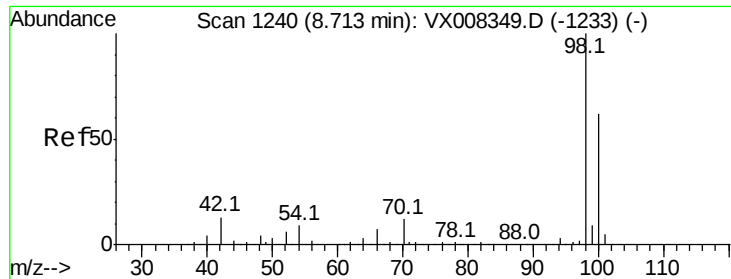


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

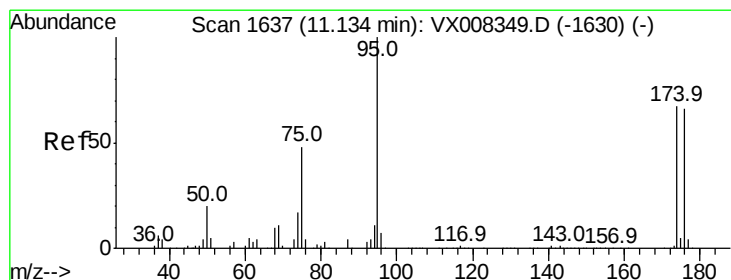
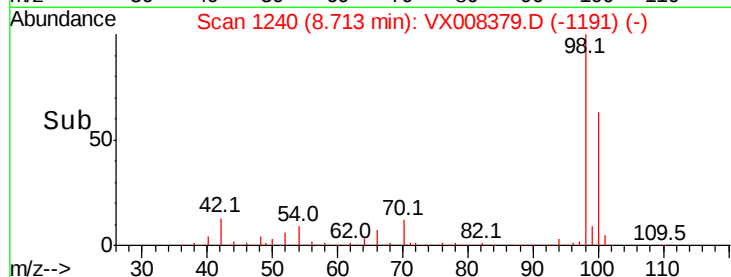
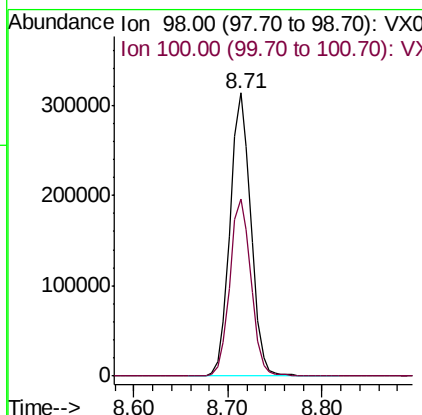
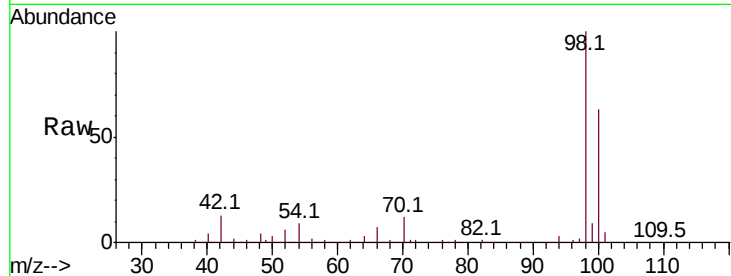




#50
Toluene-d8
Concen: 48.944 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008379.D
Acq: 24 Mar 2019 10:16

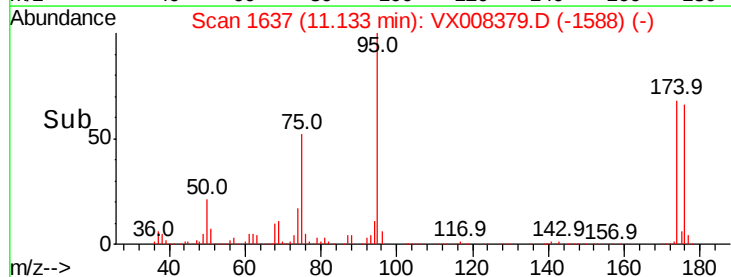
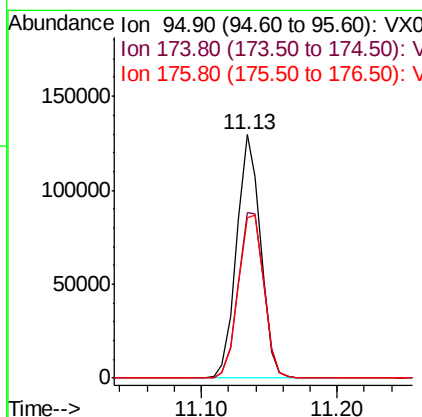
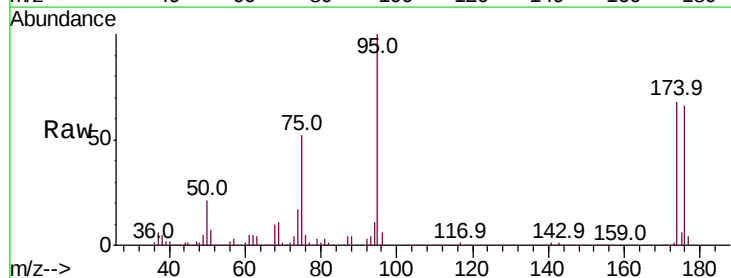
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

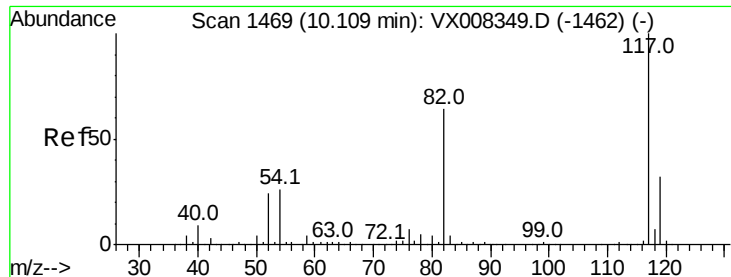
Tot Ion: 98 Resp: 481995
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.880 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008379.D
Acq: 24 Mar 2019 10:16

Tgt Ion: 95 Resp: 158659
Ion Ratio Lower Upper
95 100
174 73.2 0.0 182.8
176 71.6 0.0 178.0

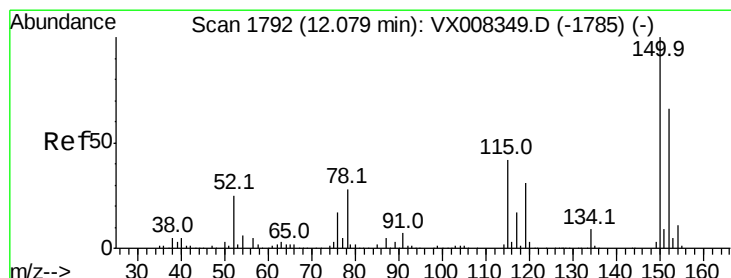
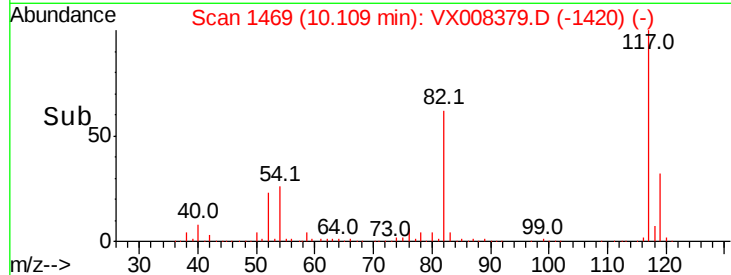
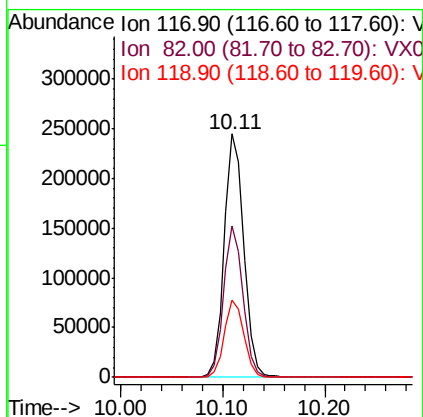
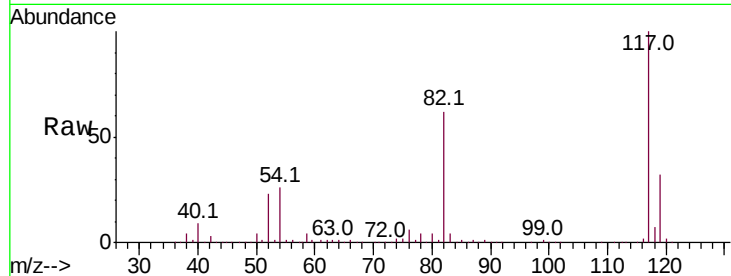




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008379.D
Acq: 24 Mar 2019 10:16

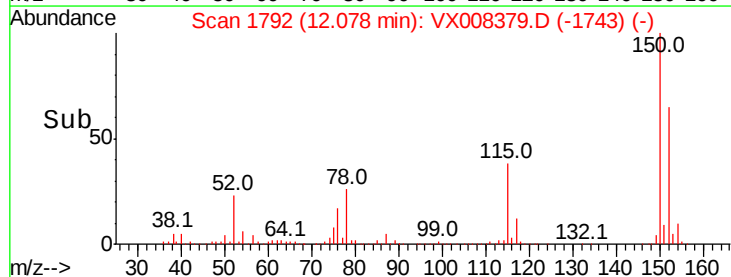
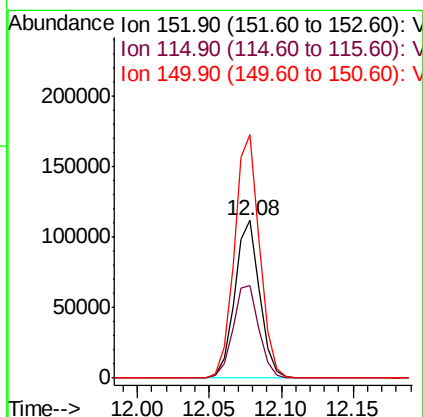
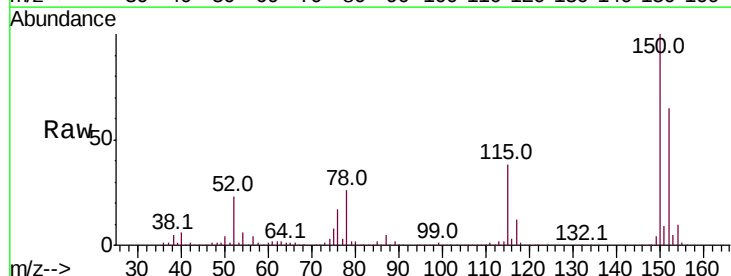
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

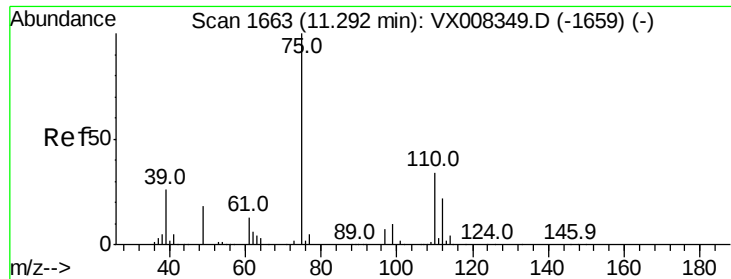
Tot Ion:117 Resp: 326518
Ion Ratio Lower Upper
117 100
82 62.2 44.3 66.5
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008379.D
Acq: 24 Mar 2019 10:16

Tgt Ion:152 Resp: 134962
Ion Ratio Lower Upper
152 100
115 61.7 38.6 115.7
150 155.9 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 23.488 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Instrument :

MSVOA_X

ClientSampleId :

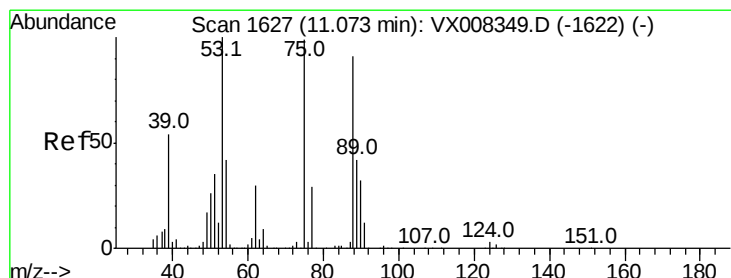
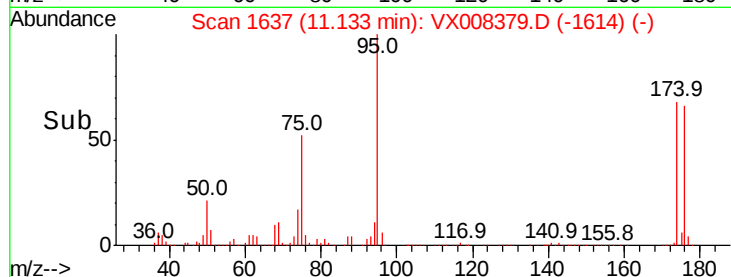
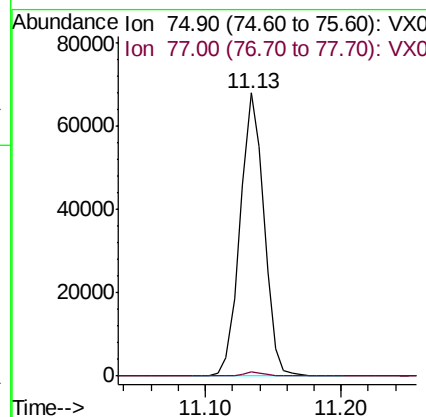
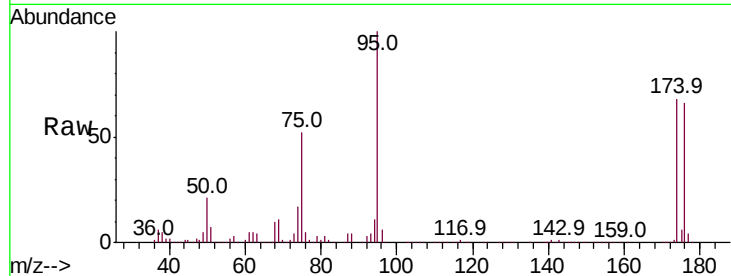
VX0324WBL01

Tot Ion: 75 Resp: 82973

Ion Ratio Lower Upper

75 100

77 1.3 18.9 56.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.934 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008379.D

Acq: 24 Mar 2019 10:16

Tgt Ion: 75 Resp: 82973

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

89 0.0 36.3 54.5#

