

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
 Data File : VX007875.D
 Acq On : 07 Mar 2019 10:54
 Operator : JC/SP
 Sample : VX0307MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307MBL01

Quant Time: Mar 08 04:39:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	461863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222364	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170594	51.36	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	5.50	113	159349	51.18	ug/l	0.00
Spiked Amount						
50) Toluene-d8	8.71	98	595593	52.09	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	11.13	95	218437	54.49	ug/l	0.00
Spiked Amount						

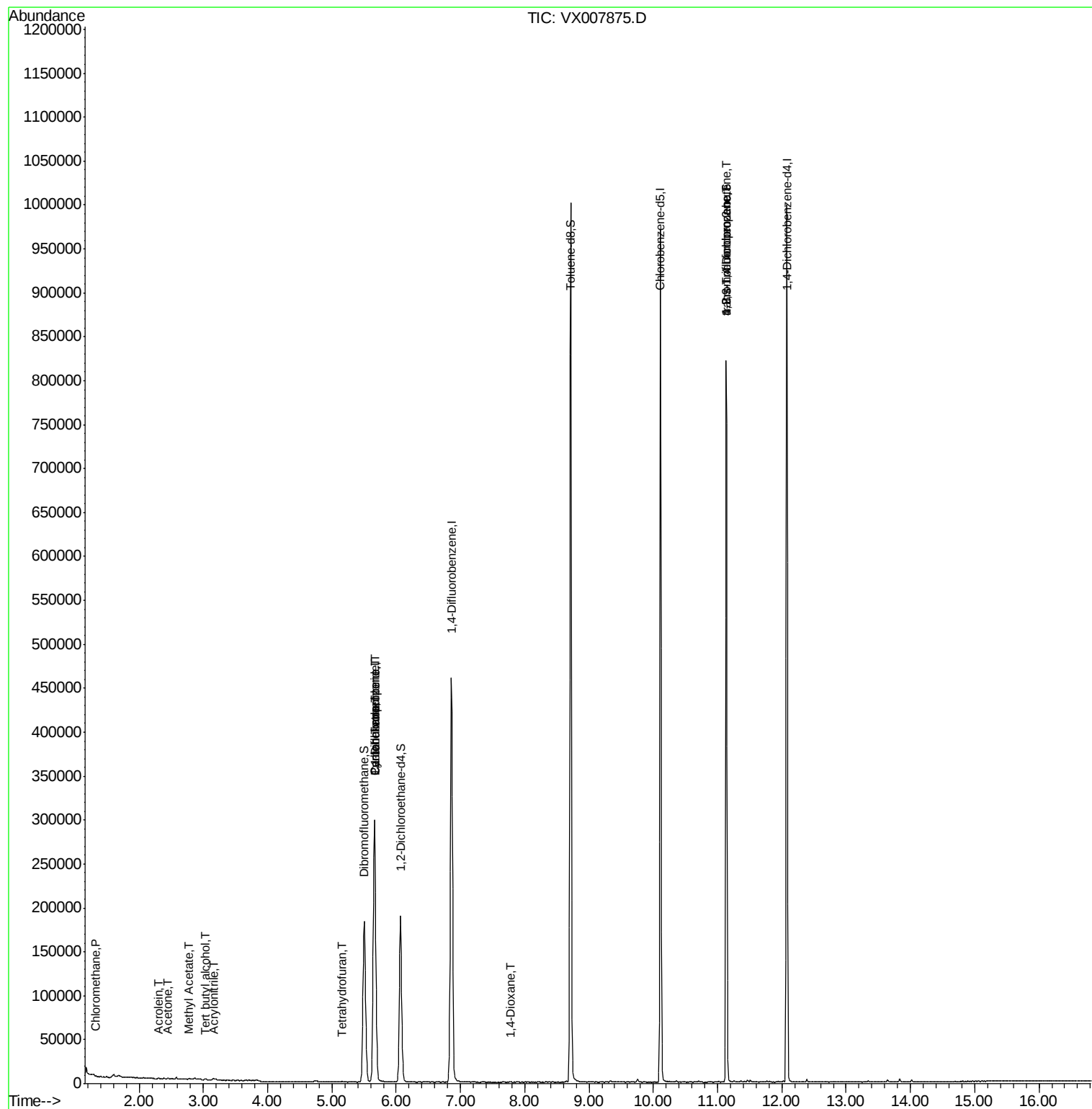
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	731	0.211	ug/l	99
5) Bromomethane	1.67	94	598	Below Cal	#	69
11) Tert butyl alcohol	3.04	59	646	0.870	ug/l #	73
13) Acrolein	2.30	56	296	2.241	ug/l	89
15) Acrylonitrile	3.15	53	960	0.512	ug/l #	89
16) Acetone	2.44	43	814	0.423	ug/l #	88
17) Carbon Disulfide	2.57	76	2324	Below Cal		99
18) Methyl Acetate	2.78	43	860	0.211	ug/l #	89
29) Tetrahydrofuran	5.17	42	779	0.459	ug/l #	72
31) Cyclohexane	5.66	56	5267	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19725	4.475	ug/l #	49
38) Carbon Tetrachloride	5.66	117	27103	6.477	ug/l #	17
49) 1,4-Dioxane	7.77	88	38	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	100047	21.441	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	100047	68.536	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 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: VX007875.D

Acq: 07 Mar 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

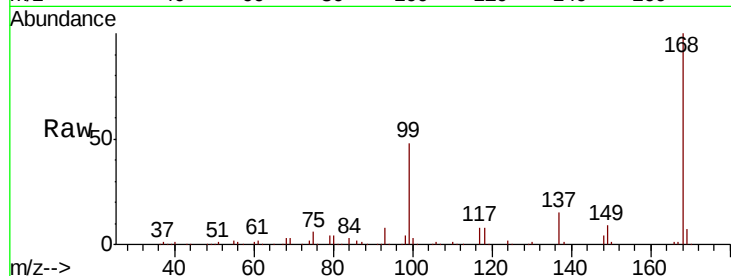
VX0307MBL01

Tgt Ion:168 Resp: 314842

Ion Ratio Lower Upper

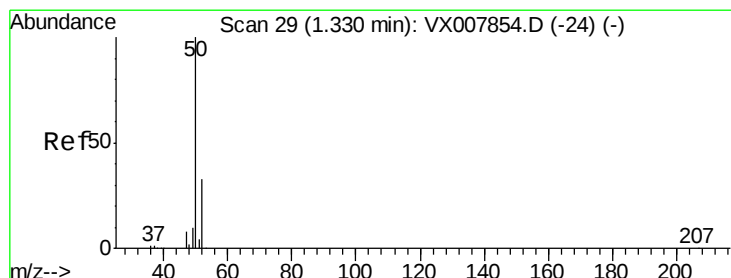
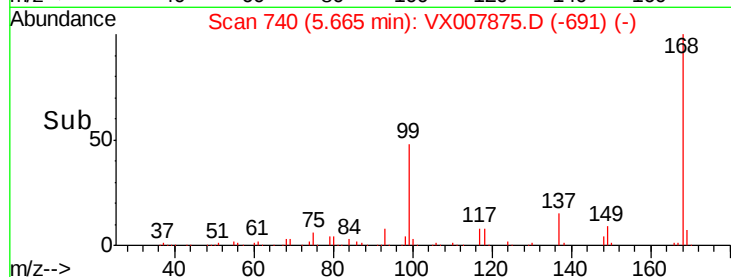
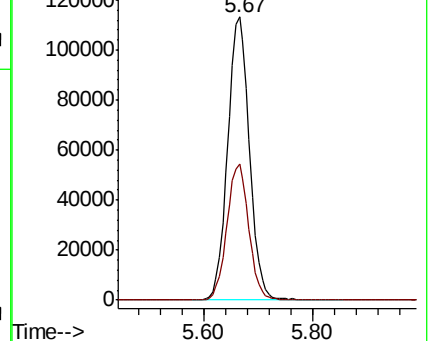
168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.211 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007875.D

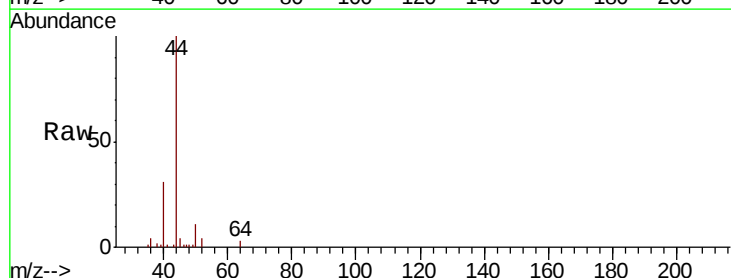
Acq: 07 Mar 2019 10:54

Tgt Ion: 50 Resp: 731

Ion Ratio Lower Upper

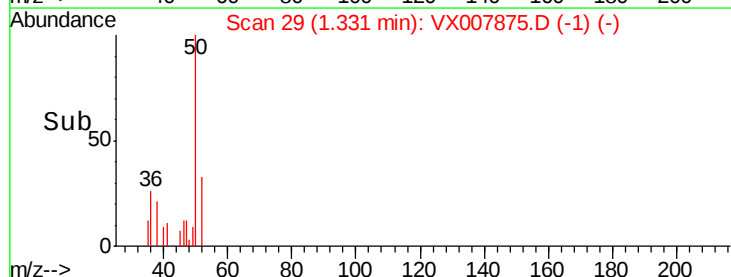
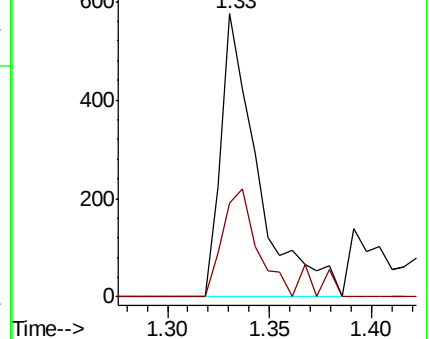
50 100

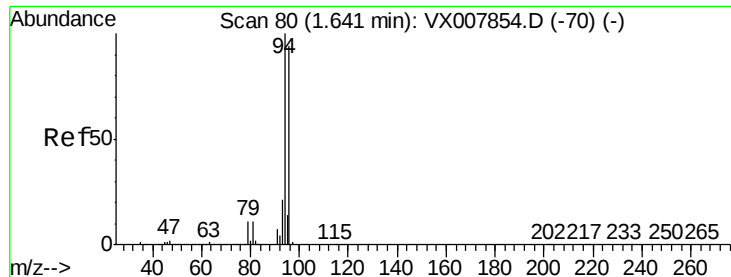
52 33.4 26.5 39.7



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: 1.67 min Scan# 85

Delta R.T. 0.03 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

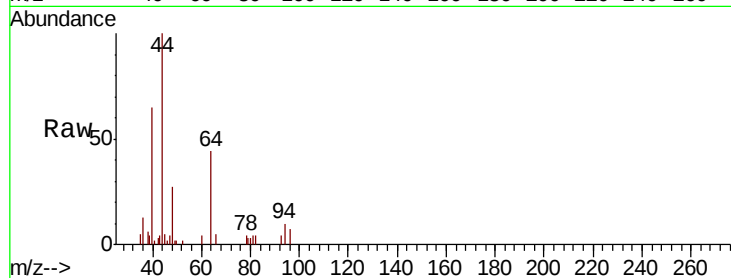
VX0307MBL01

Tgt Ion: 94 Resp: 598

Ion Ratio Lower Upper

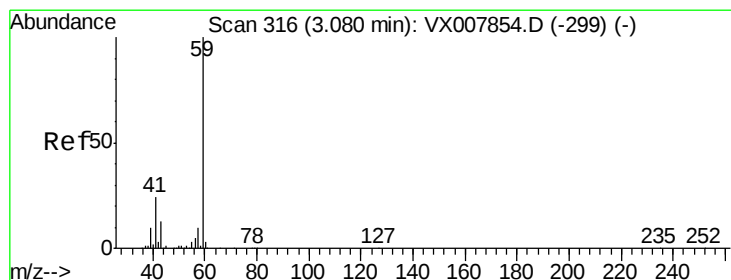
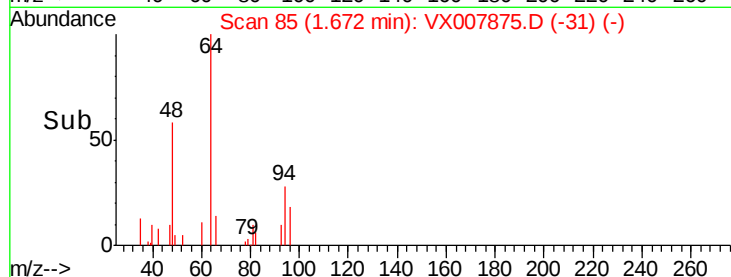
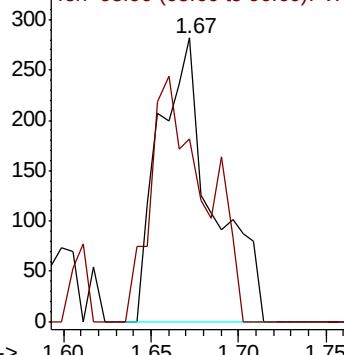
94 100

96 64.5 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 0.870 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.04 min

Lab File: VX007875.D

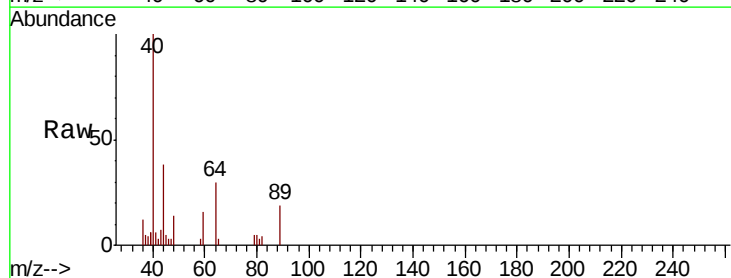
Acq: 07 Mar 2019 10:54

Tgt Ion: 59 Resp: 646

Ion Ratio Lower Upper

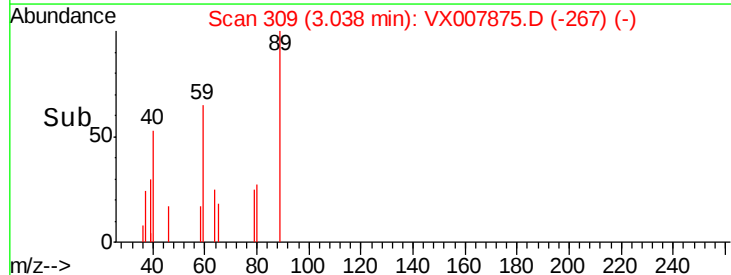
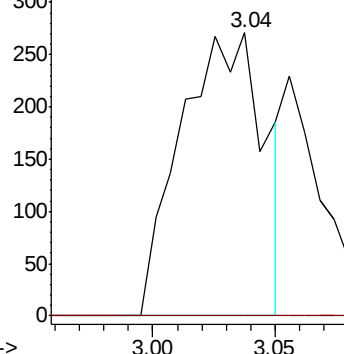
59 100

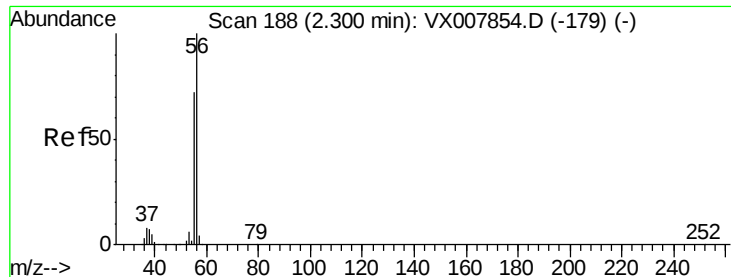
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 2.241 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

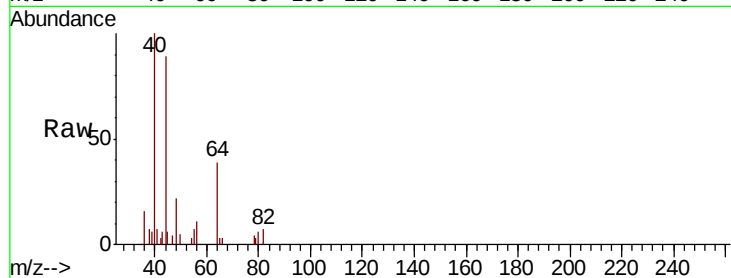
VX0307MBL01

Tgt Ion: 56 Resp: 296

Ion Ratio Lower Upper

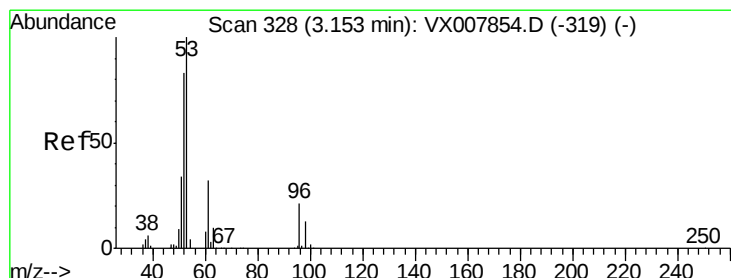
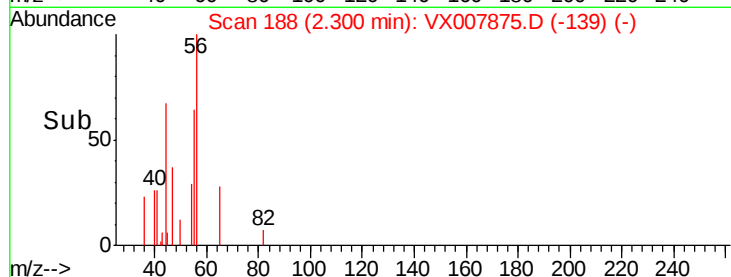
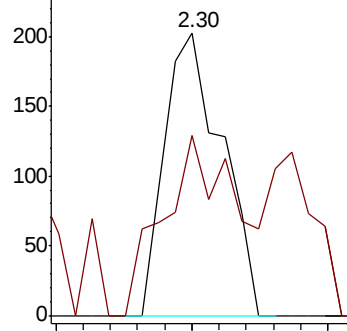
56 100

55 81.4 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.512 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

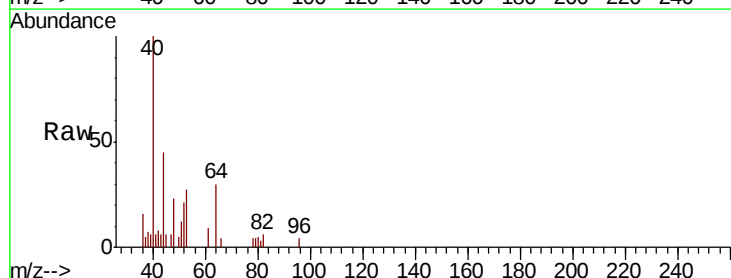
Tgt Ion: 53 Resp: 960

Ion Ratio Lower Upper

53 100

52 80.8 66.0 99.0

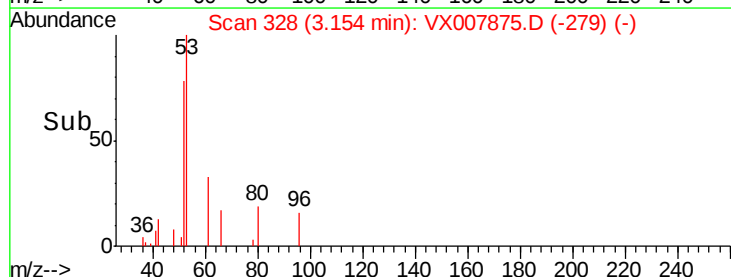
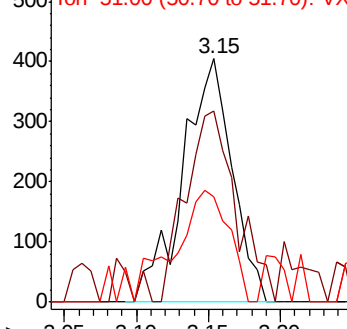
51 53.1 28.0 42.0#

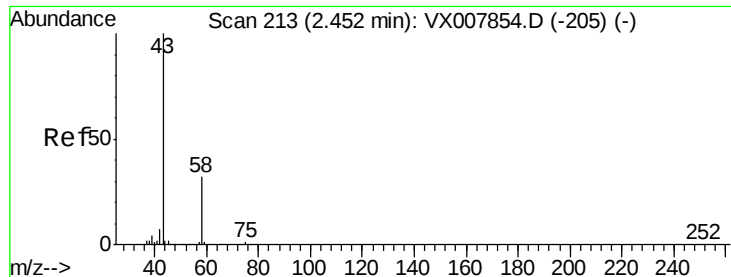


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.423 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

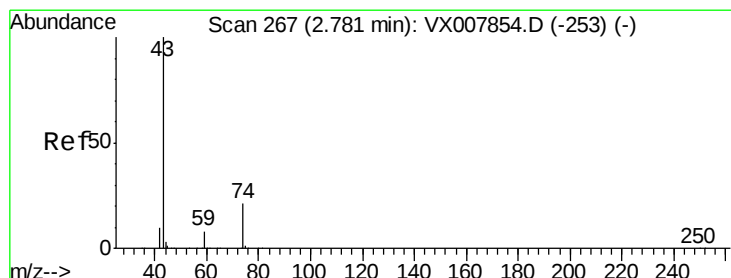
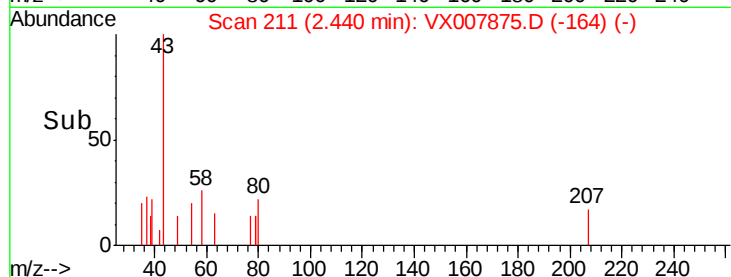
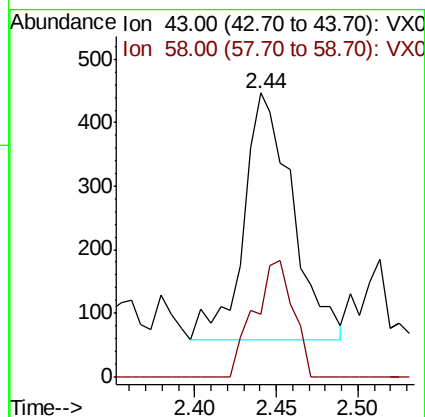
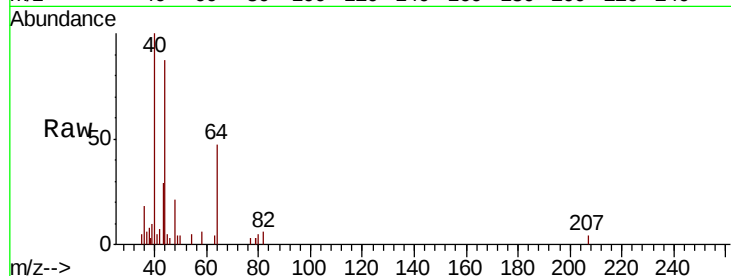
VX0307MBL01

Tgt Ion: 43 Resp: 814

Ion Ratio Lower Upper

43 100

58 25.4 25.5 38.3#



#18

Methyl Acetate

Concen: 0.211 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007875.D

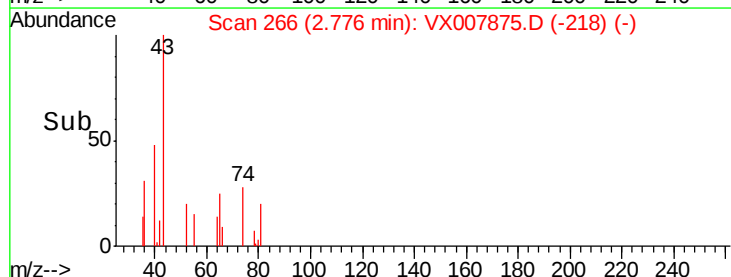
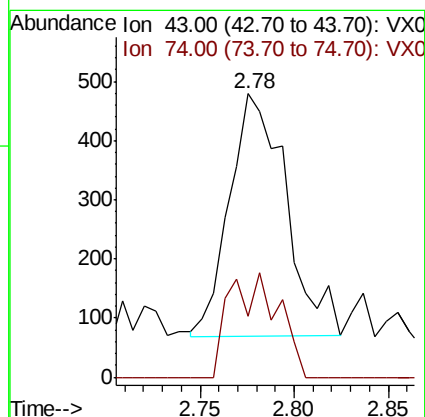
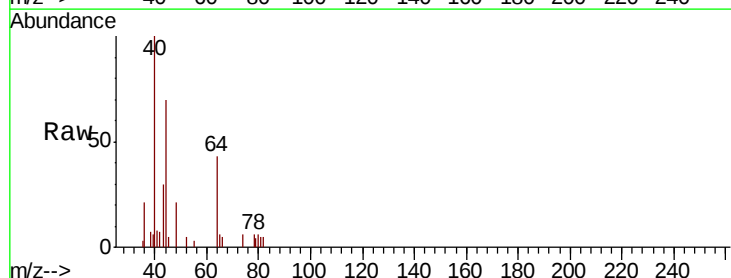
Acq: 07 Mar 2019 10:54

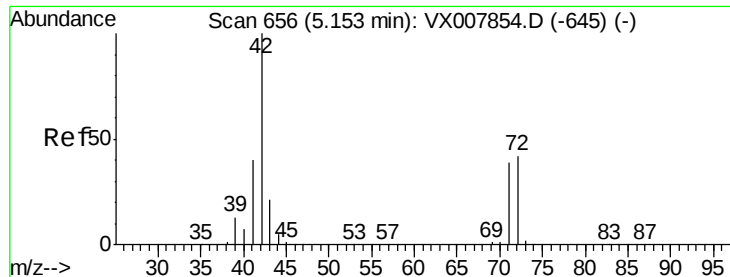
Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

74 17.1 17.8 26.6#

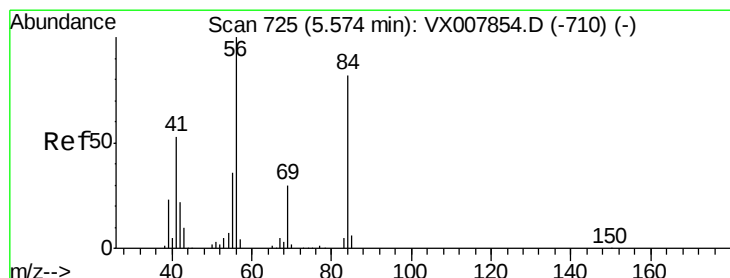
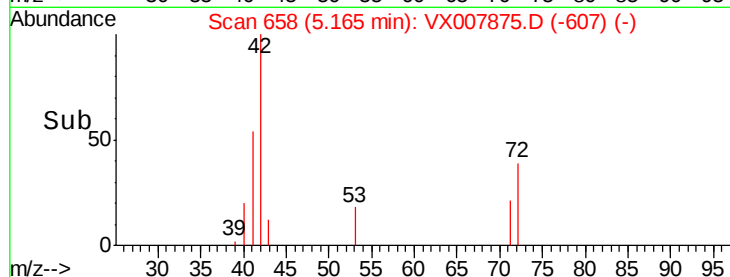
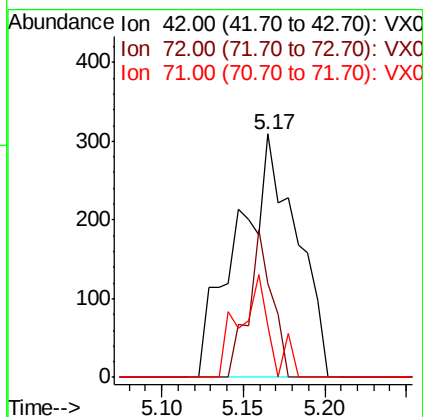
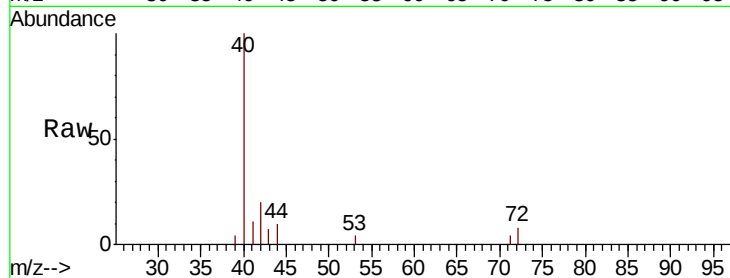




#29
Tetrahydrofuran
Concen: 0.459 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007875.D
Acq: 07 Mar 2019 10:54

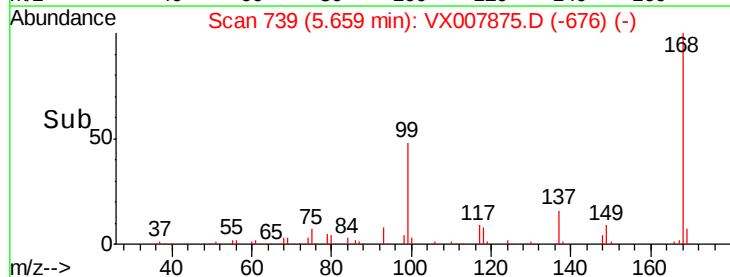
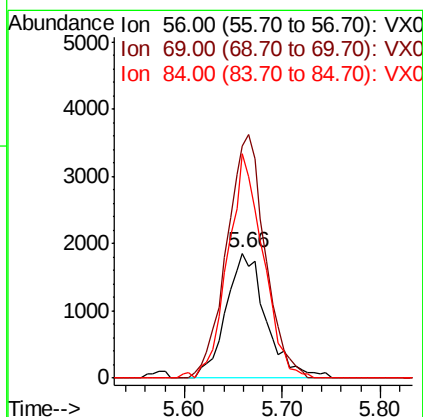
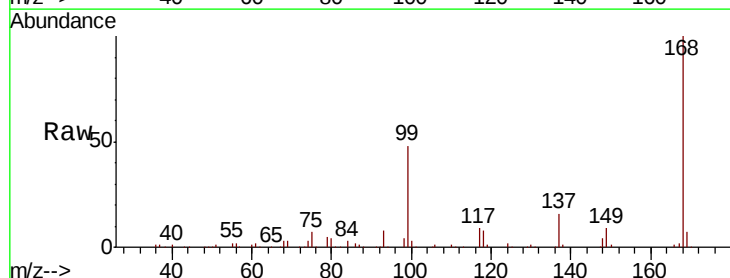
Instrument :
MSVOA_X
ClientSampleId :
VX0307MBL01

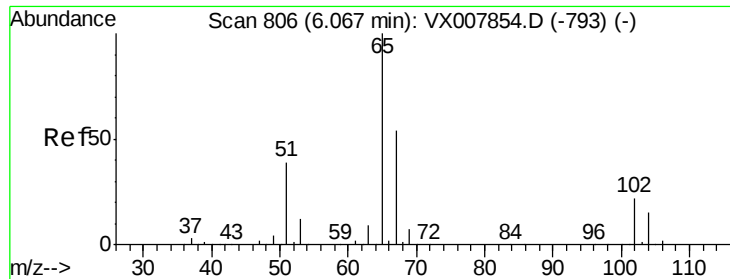
Tgt Ion: 42 Resp: 779
Ion Ratio Lower Upper
42 100
72 24.4 33.8 50.6#
71 22.1 31.5 47.3#



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007875.D
Acq: 07 Mar 2019 10:54

Tgt Ion: 56 Resp: 5267
Ion Ratio Lower Upper
56 100
69 185.6 24.0 36.0#
84 179.9 65.3 97.9#

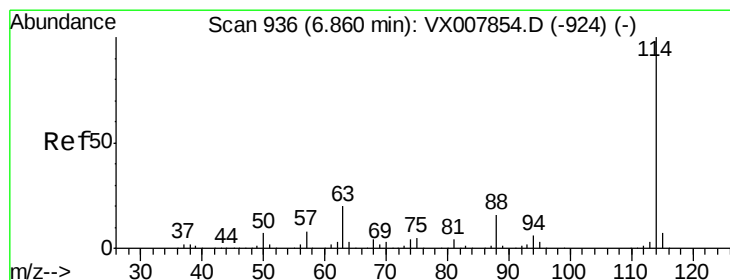
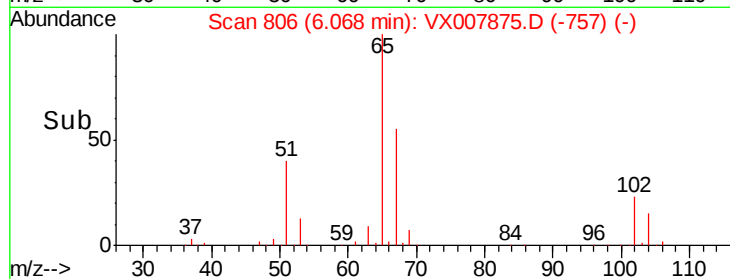
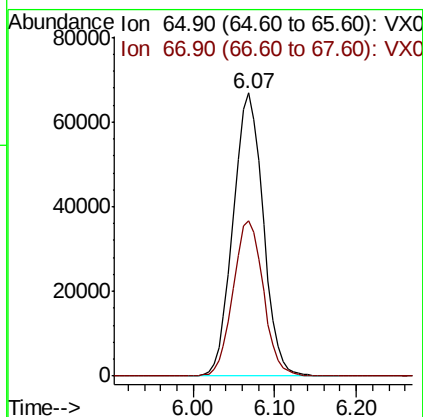
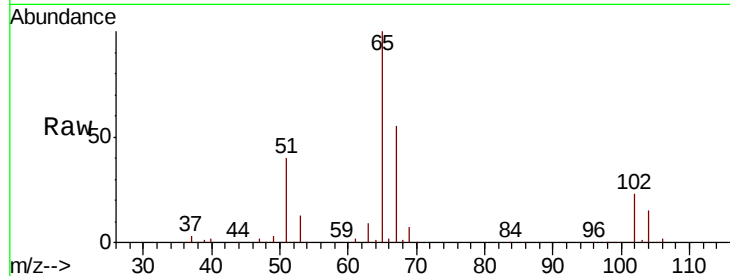




#33
 1,2-Dichloroethane-d4
 Concen: 51.364 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007875.D
 Acq: 07 Mar 2019 10:54

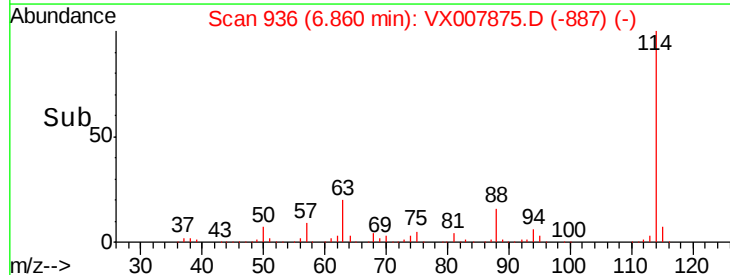
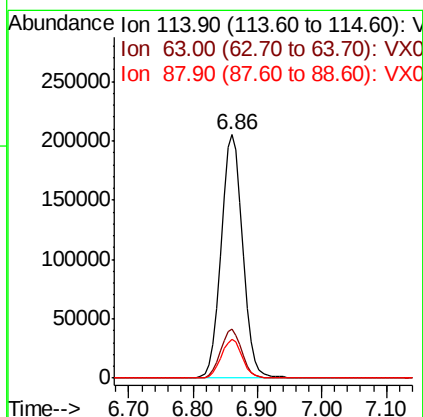
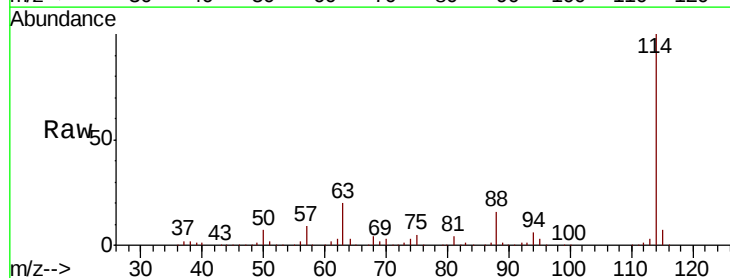
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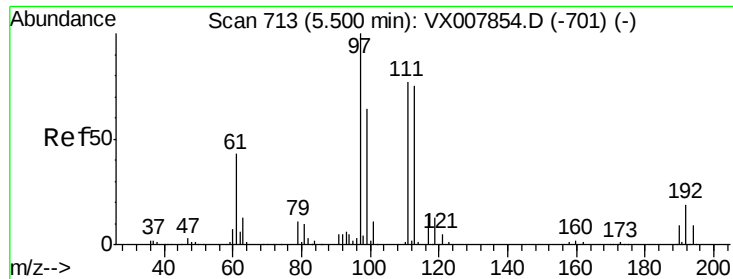
Tgt Ion: 65 Resp: 170594
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007875.D
 Acq: 07 Mar 2019 10:54

Tgt Ion: 114 Resp: 486751
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.9 0.0 31.4

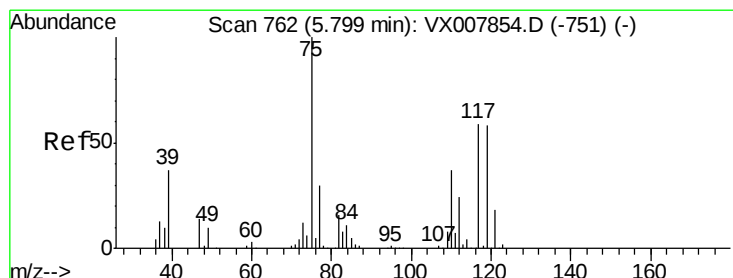
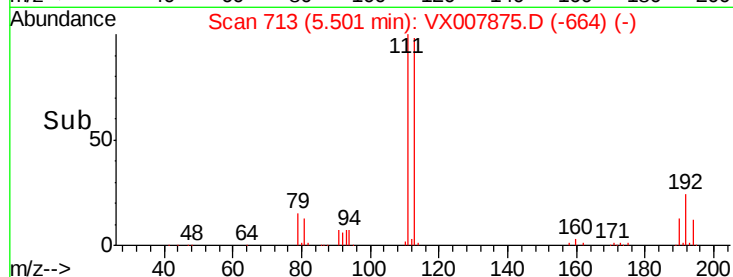
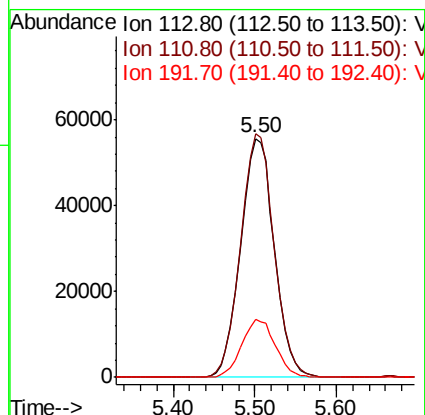
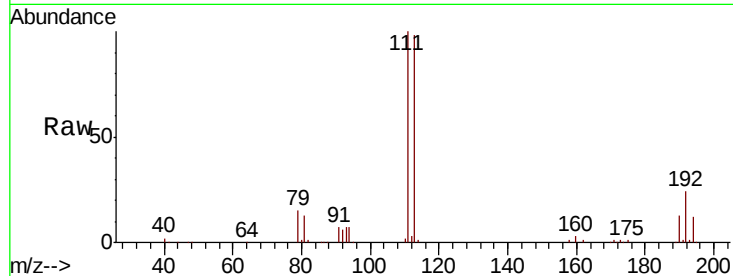




#35
 Dibromofluoromethane
 Concen: 51.179 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007875.D
 Acq: 07 Mar 2019 10:54

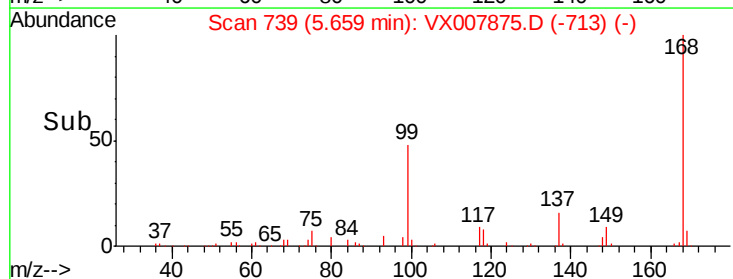
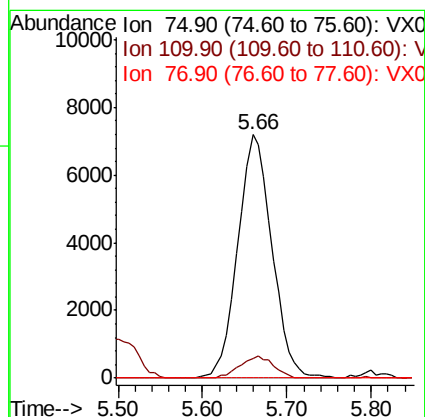
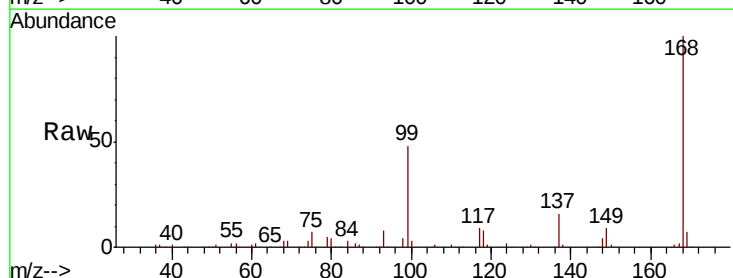
Instrument :
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 ClientSampleId :
 VX0307MBL01

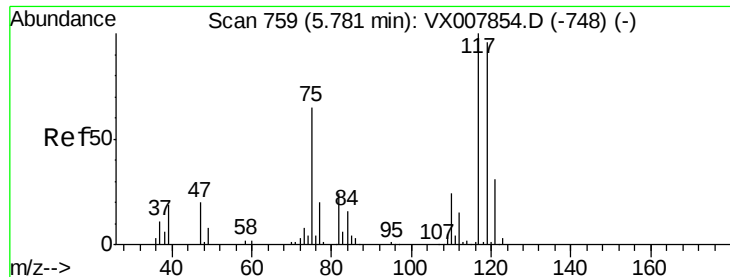
Tgt Ion:113 Resp: 159349
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.2 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.475 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007875.D
 Acq: 07 Mar 2019 10:54

Tgt Ion: 75 Resp: 19725
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.477 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0307MBL01

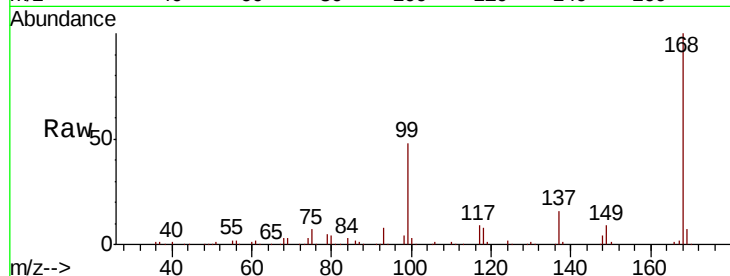
Tgt Ion:117 Resp: 27103

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

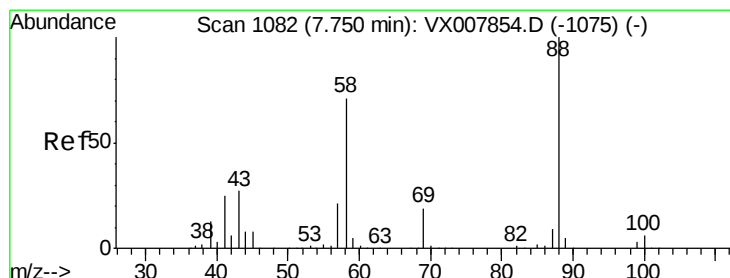
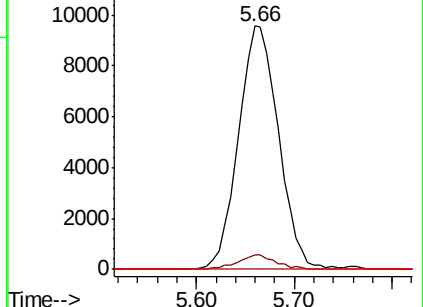
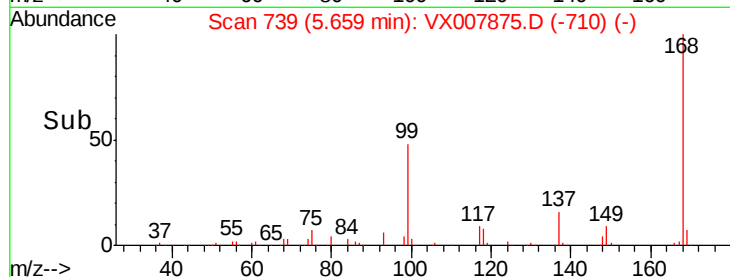
121 0.0 24.6 36.8#



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: 0.455 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

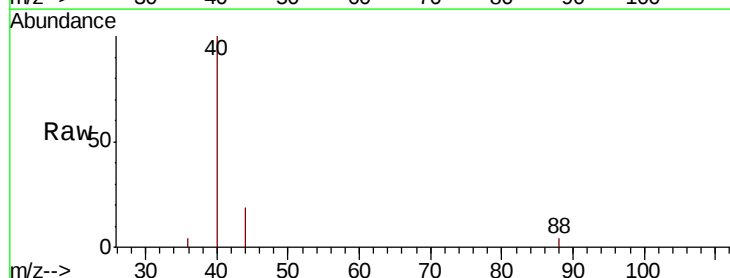
Tgt Ion: 88 Resp: 38

Ion Ratio Lower Upper

88 100

43 250.0 25.1 37.7#

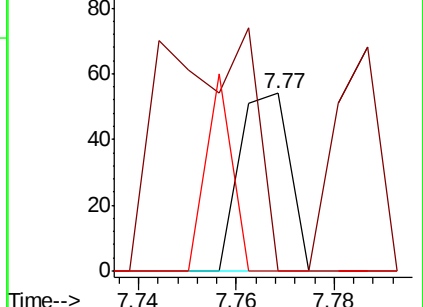
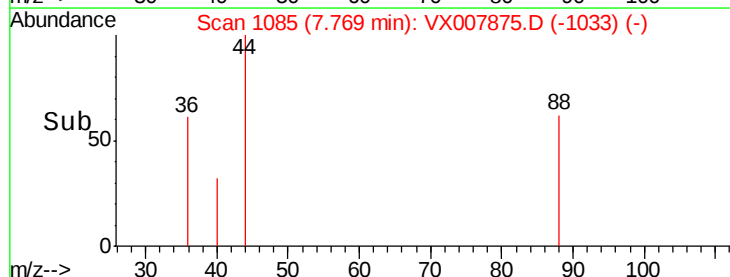
58 57.9 57.8 86.6

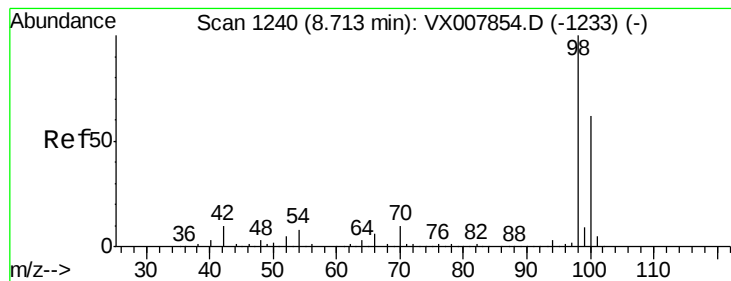


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.086 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

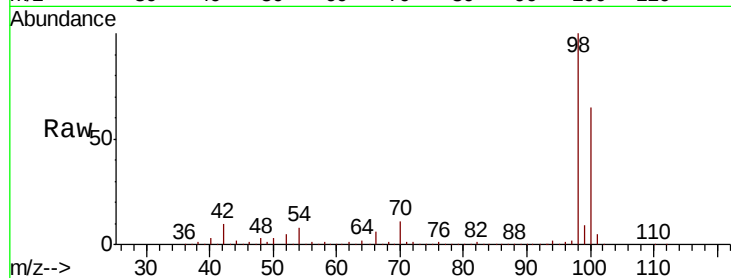
VX0307MBL01

Tgt Ion: 98 Resp: 595593

Ion Ratio Lower Upper

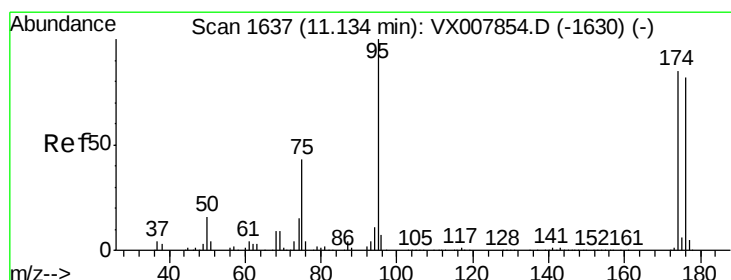
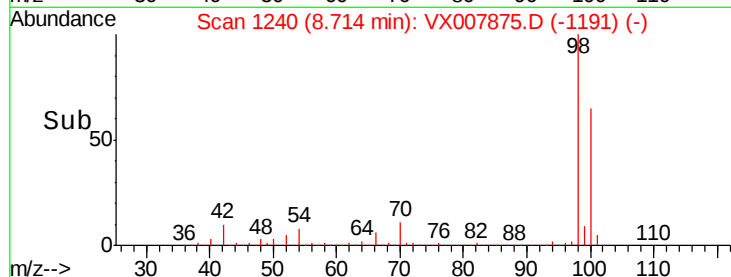
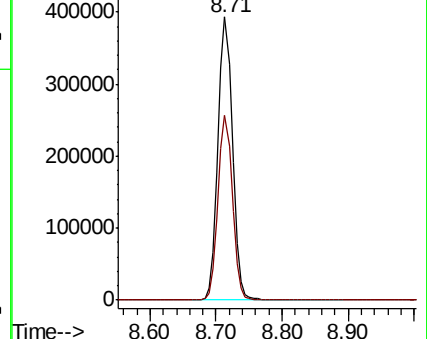
98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.486 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007875.D

Acq: 07 Mar 2019 10:54

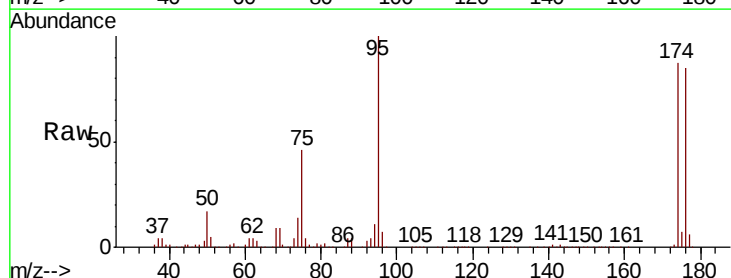
Tgt Ion: 95 Resp: 218437

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

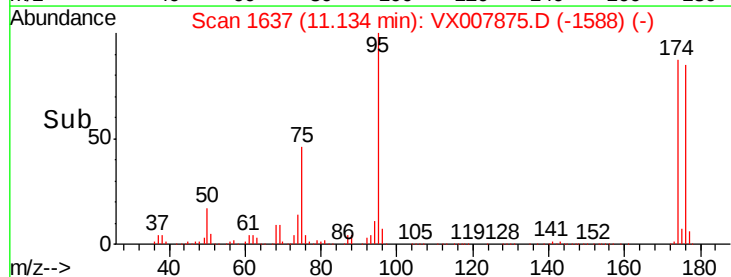
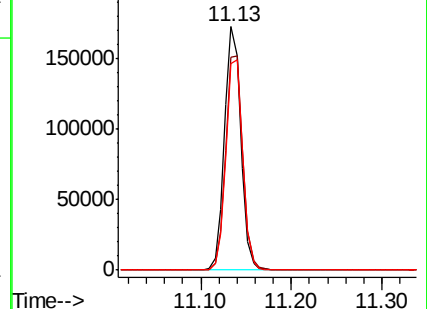
176 88.7 0.0 178.0

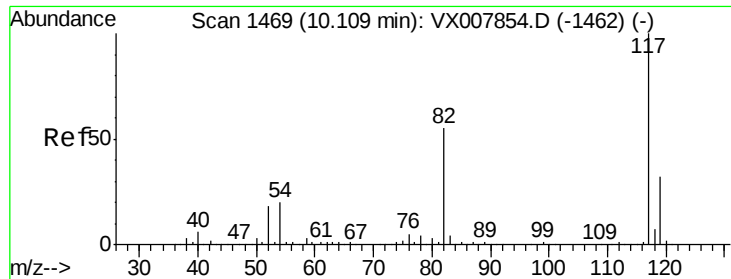


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

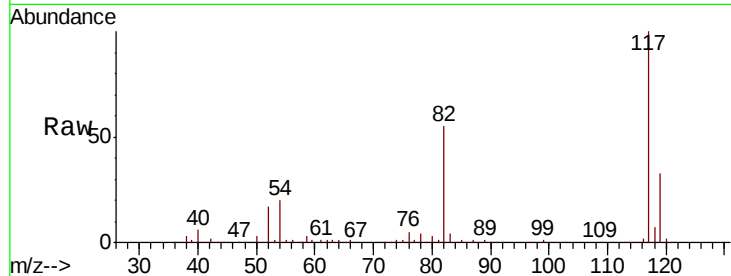




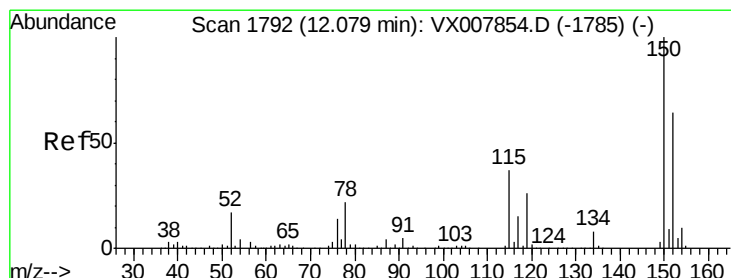
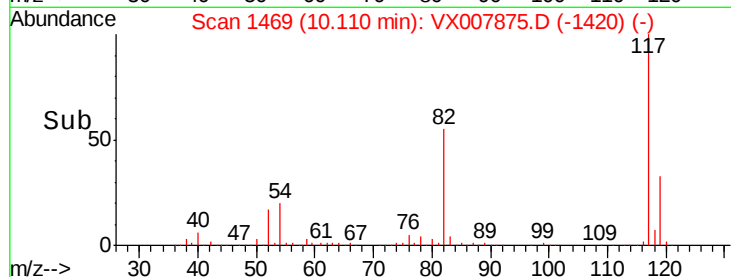
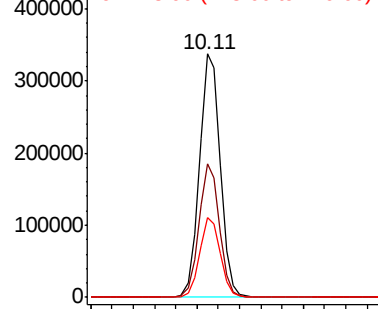
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007875.D
Acq: 07 Mar 2019 10:54

Instrument :
MSVOA_X
ClientSampled :
VX0307MBL01

Tgt Ion:117 Resp: 461863
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.7 25.3 37.9

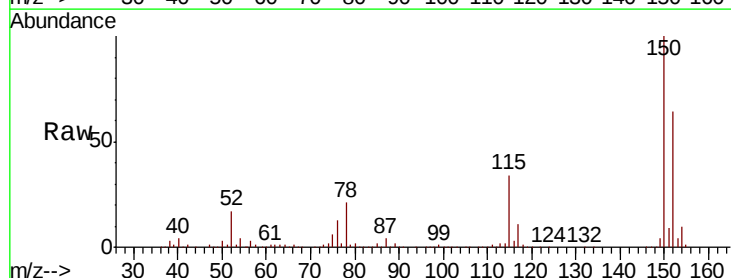


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

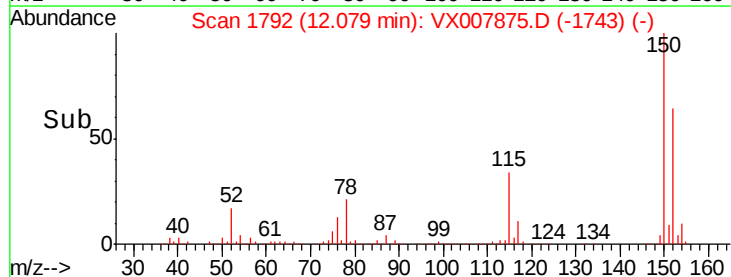
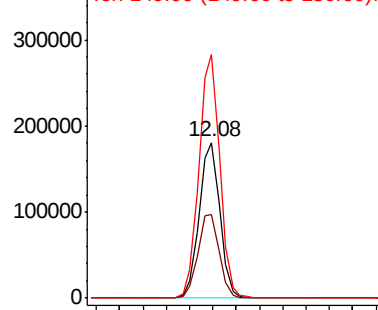


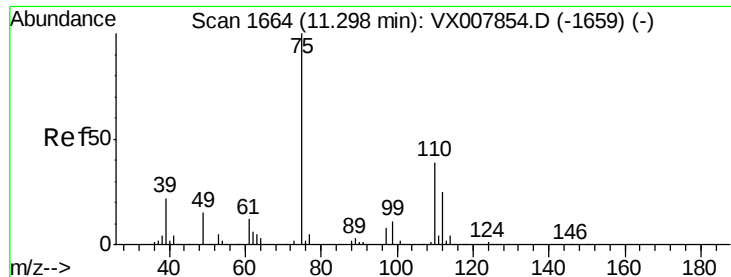
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007875.D
Acq: 07 Mar 2019 10:54

Tgt Ion:152 Resp: 222364
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 156.7 0.0 348.4



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

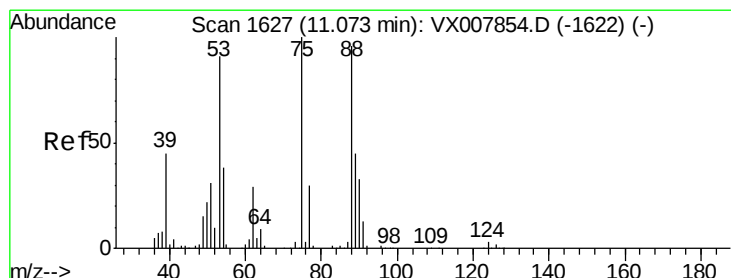
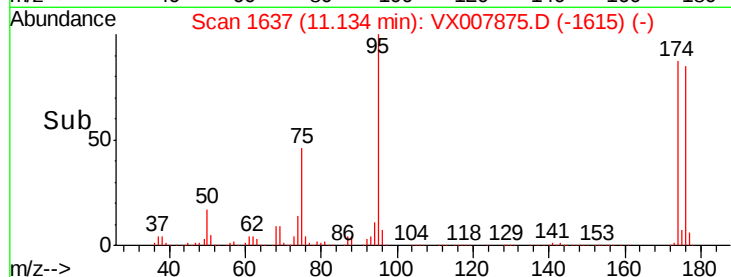
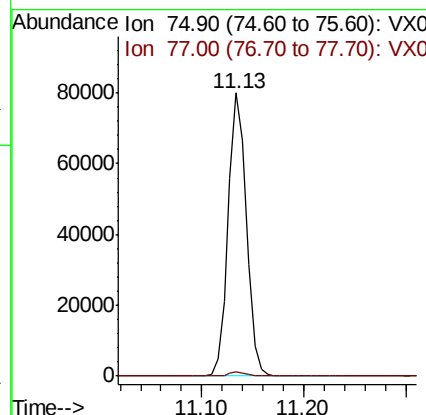
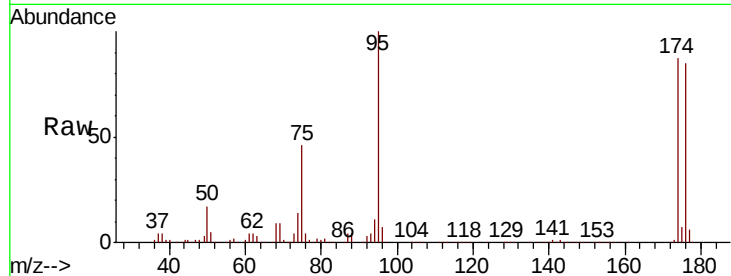




#76
 1,2,3-Trichloropropane
 Concen: 21.441 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007875.D
 Acq: 07 Mar 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307MBL01

Tgt Ion: 75 Resp: 100047
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.536 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007875.D
 Acq: 07 Mar 2019 10:54

Tgt Ion: 75 Resp: 100047
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.1 114.1#
 89 0.0 36.3 54.5#

