

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005627.D
 Acq On : 27 Oct 2018 02:01
 Operator : JC/MD
 Sample : VX1026WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL02

Quant Time: Oct 27 06:02:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143274	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	141809	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	5.50	113	113351	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	8.71	98	395584	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.14	95	131573	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	

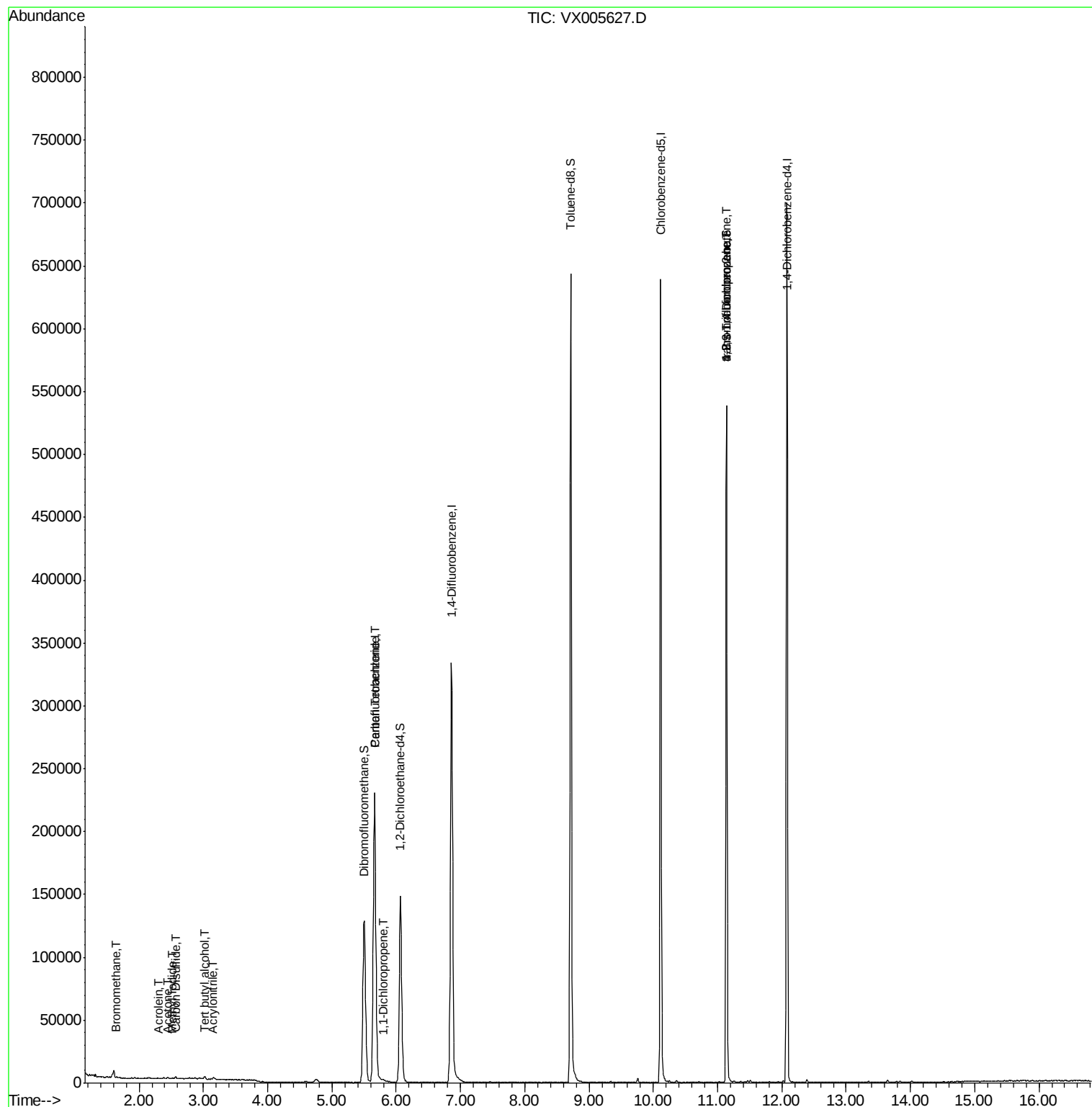
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	645	0.369	ug/l	95
10) Methyl Iodide	2.52	142	564	2.953	ug/l #	92
11) Tert butyl alcohol	3.03	59	1035	1.386	ug/l #	79
13) Acrolein	2.30	56	203	0.533	ug/l #	77
15) Acrylonitrile	3.15	53	448	0.267	ug/l #	45
16) Acetone	2.45	43	615	0.419	ug/l #	76
17) Carbon Disulfide	2.57	76	1823	0.280	ug/l #	92
18) Methyl Acetate	2.78	43	375	Below Cal	#	55
36) 1,1-Dichloropropene	5.80	75	645	0.200	ug/l #	68
38) Carbon Tetrachloride	5.67	117	21041	6.201	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	65988	21.738	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	65988	71.029	ug/l #	9

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

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Instrument :
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ClientSampleId :
VX1026WBL02

Quant Time: Oct 27 06:02:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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: VX005627.D

Acq: 27 Oct 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

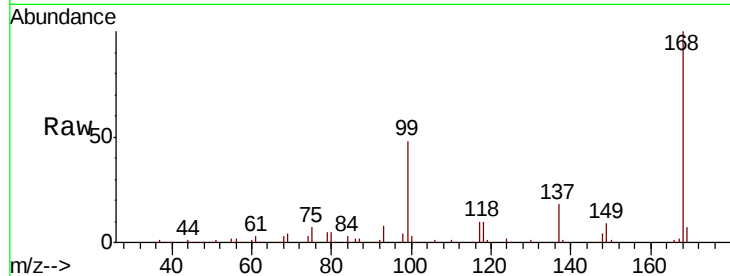
VX1026WBL02

Tot Ion:168 Resp: 227384

Ion Ratio Lower Upper

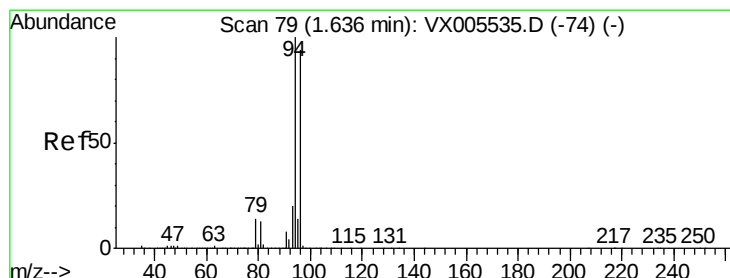
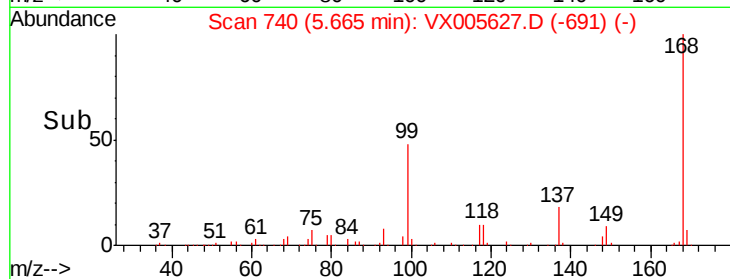
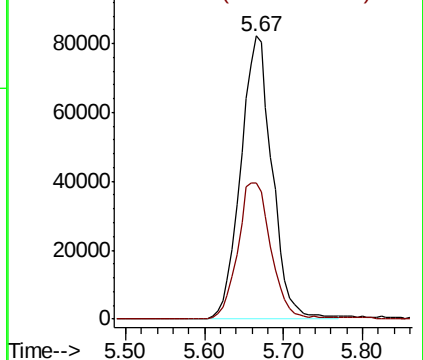
168 100

99 48.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.369 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005627.D

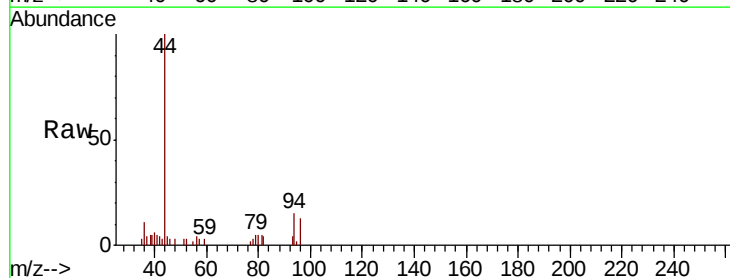
Acq: 27 Oct 2018 02:01

Tgt Ion: 94 Resp: 645

Ion Ratio Lower Upper

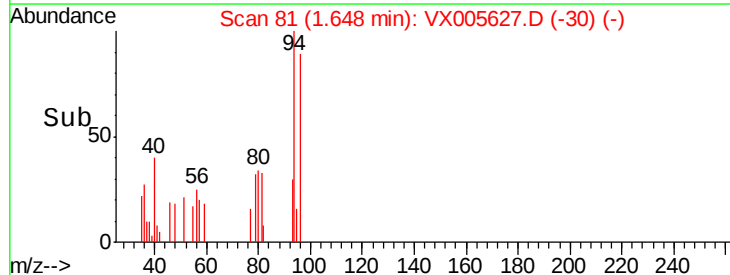
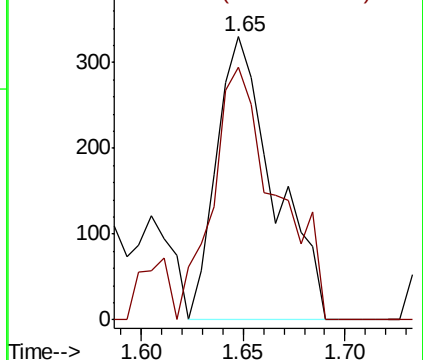
94 100

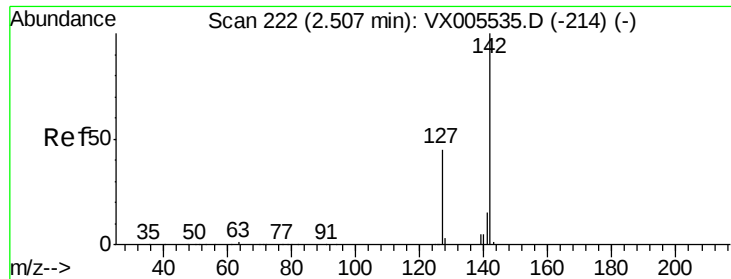
96 89.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

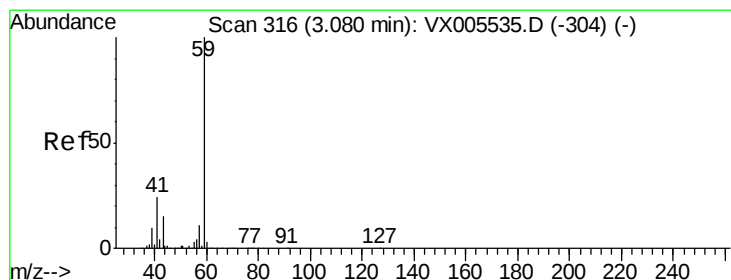
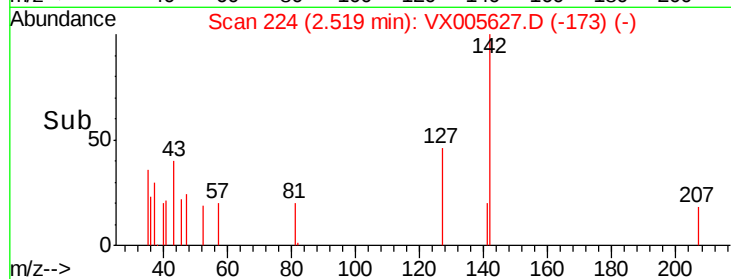
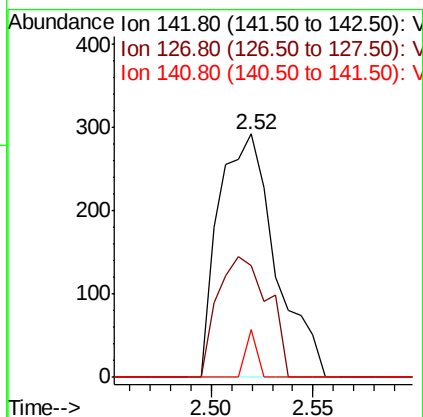
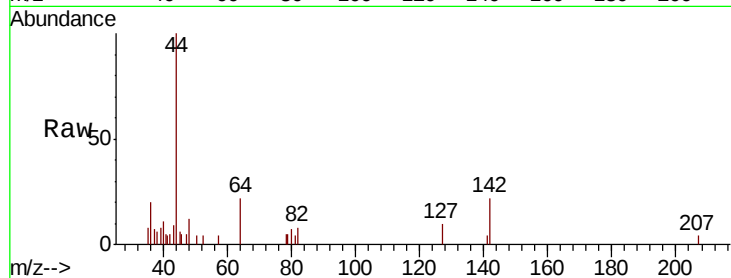




#10
Methvl Iodide
Concen: 2.953 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

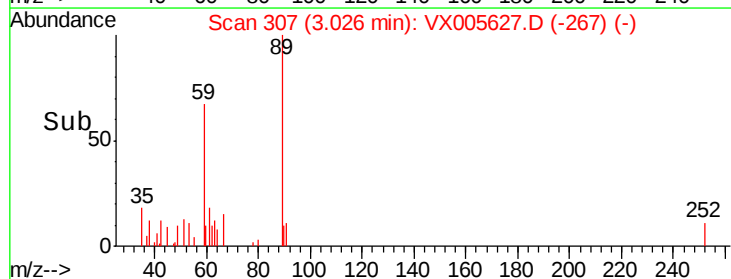
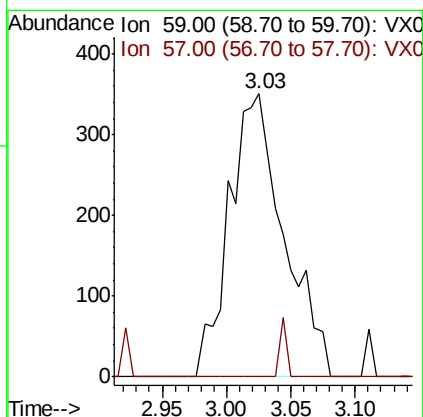
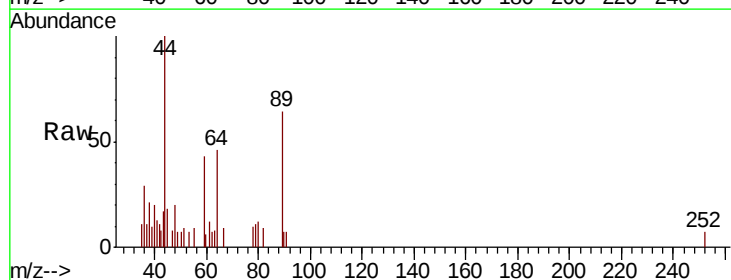
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL02

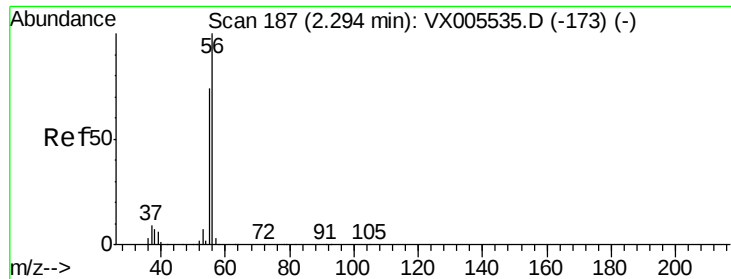
Tot Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 44.0 36.0 54.0
141 3.7 11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.386 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

Tgt Ion: 59 Resp: 1035
Ion Ratio Lower Upper
59 100
57 2.6 8.5 12.7#





#13

Acrolein

Concen: 0.533 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

Instrument :

MSVOA_X

ClientSampled :

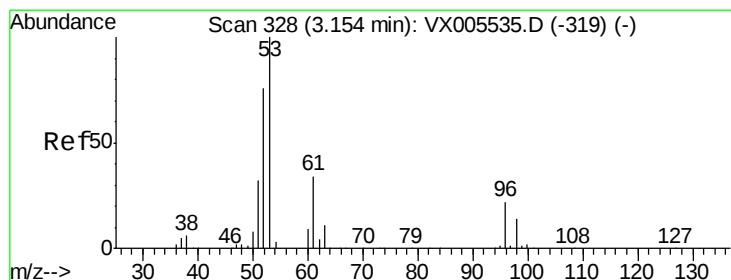
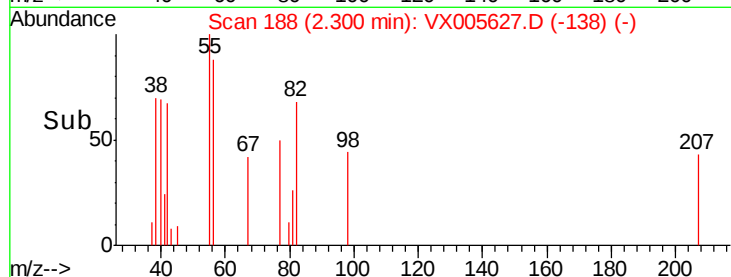
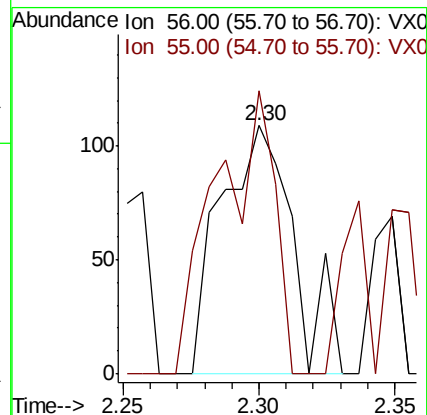
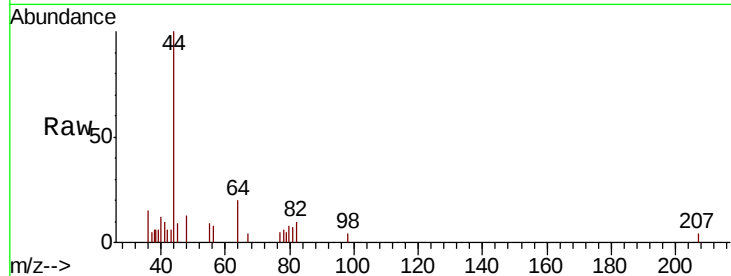
VX1026WBL02

Tot Ion: 56 Resp: 203

Ion Ratio Lower Upper

56 100

55 90.6 57.3 85.9#



#15

Acrylonitrile

Concen: 0.267 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

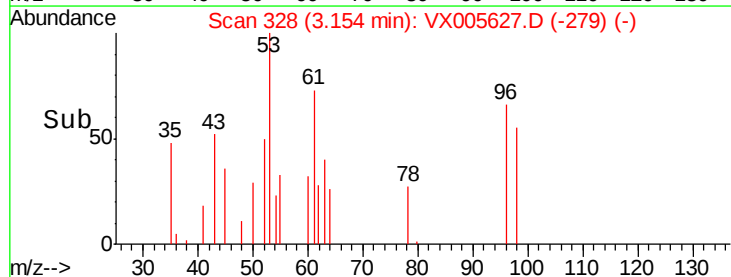
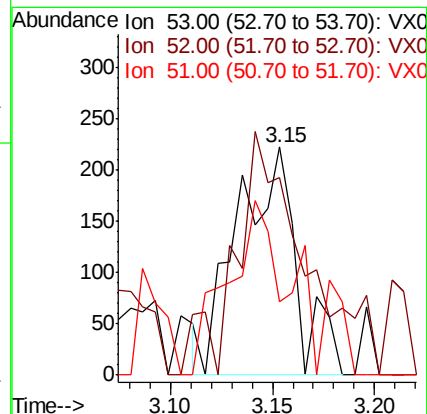
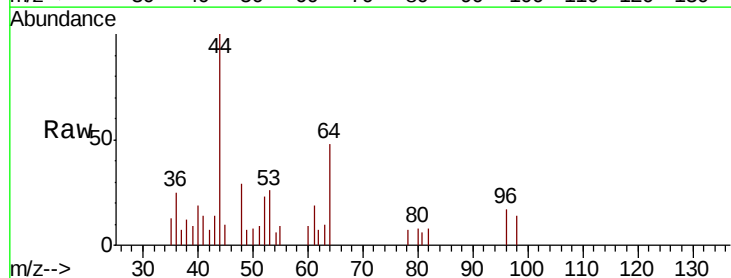
Tgt Ion: 53 Resp: 448

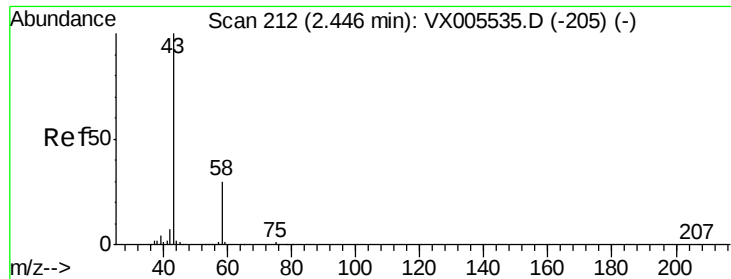
Ion Ratio Lower Upper

53 100

52 127.2 66.6 99.8#

51 76.8 28.4 42.6#





#16

Acetone

Concen: 0.419 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

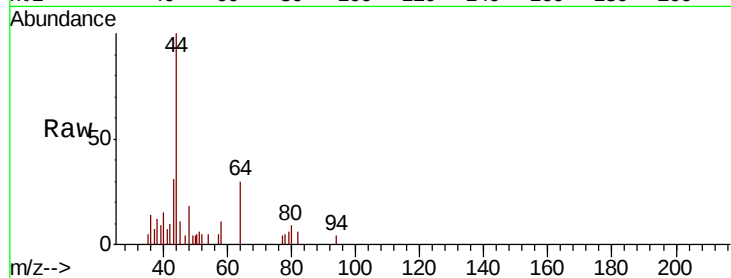
VX1026WBL02

Tot Ion: 43 Resp: 615

Ion Ratio Lower Upper

43 100

58 42.5 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

400

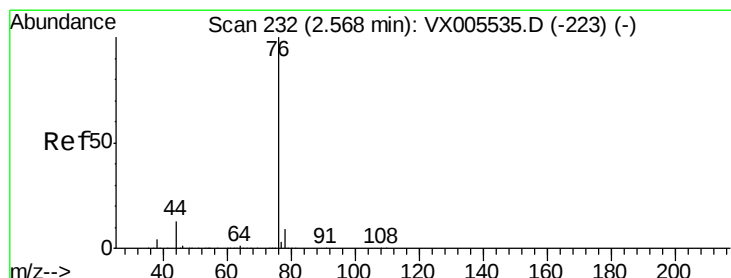
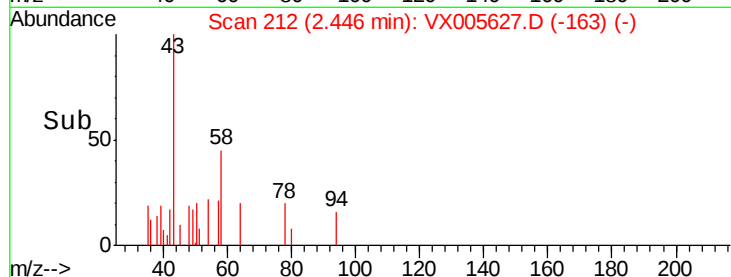
300

200

100

0

Time--> 2.35 2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 0.280 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005627.D

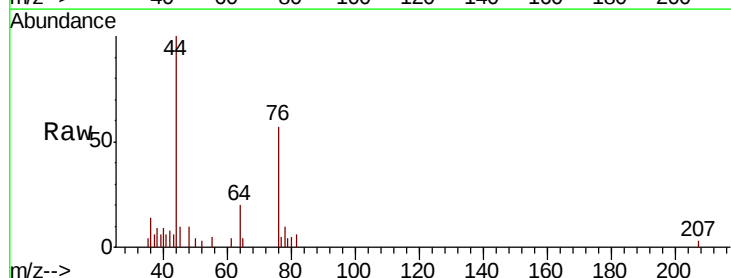
Acq: 27 Oct 2018 02:01

Tgt Ion: 76 Resp: 1823

Ion Ratio Lower Upper

76 100

78 12.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

1000

800

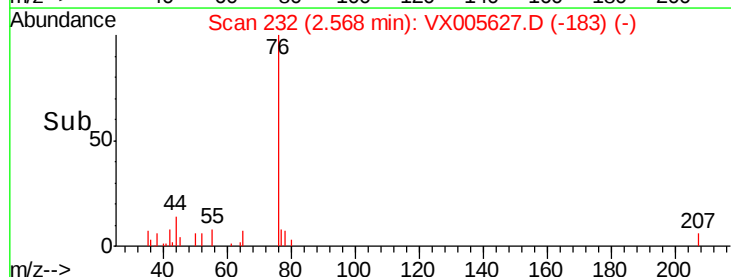
600

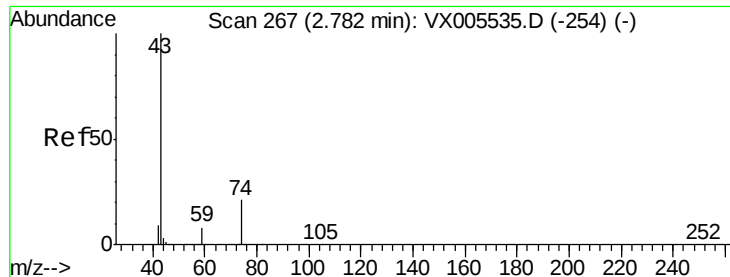
400

200

0

Time--> 2.50 2.55 2.60

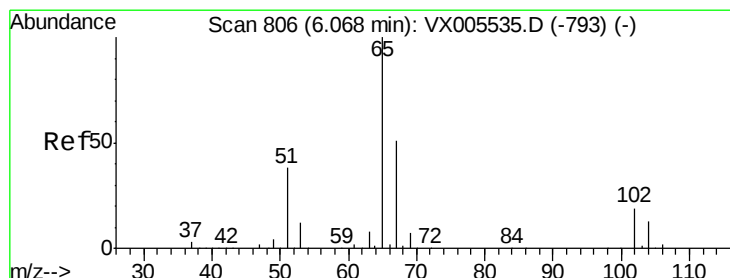
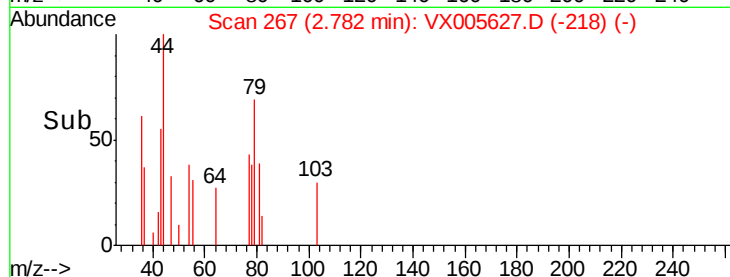
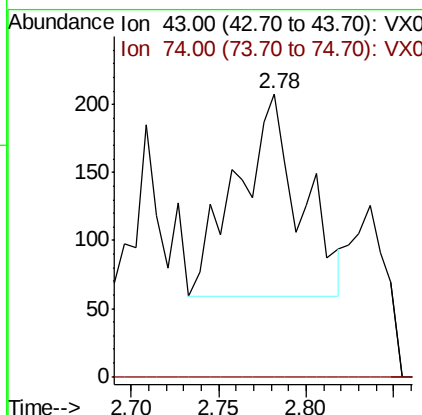
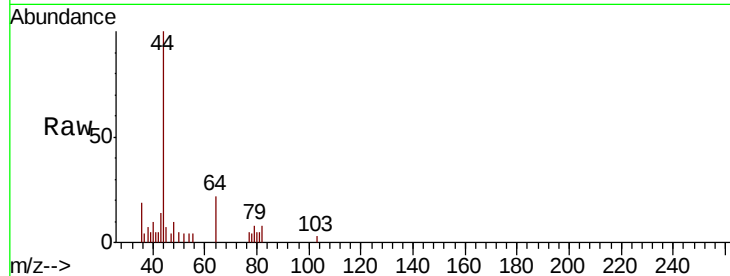




#18
Methvl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

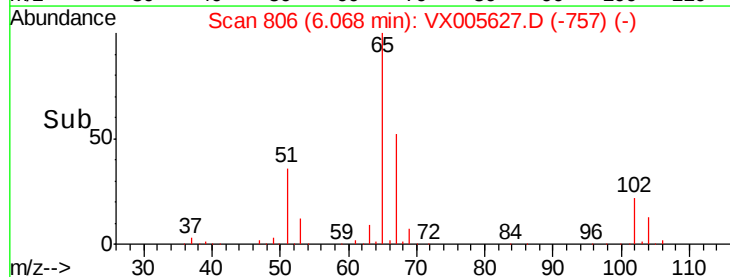
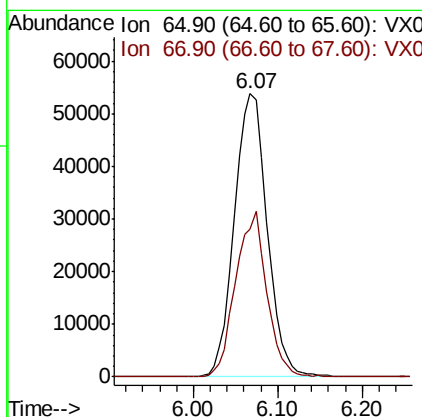
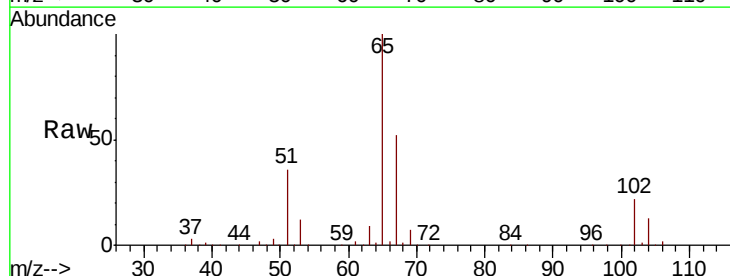
Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL02

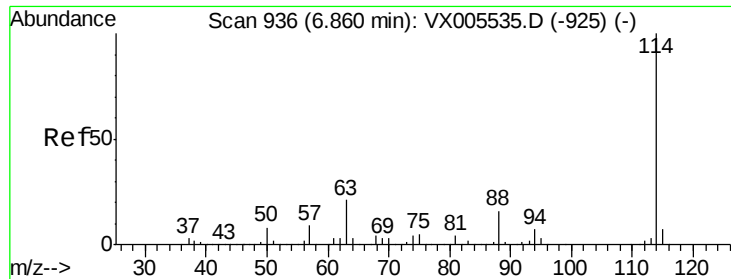
Tot Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#33
1,2-Dichloroethane-d4
Concen: 51.090 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

Tgt Ion: 65 Resp: 141809
Ion Ratio Lower Upper
65 100
67 55.6 0.0 105.0

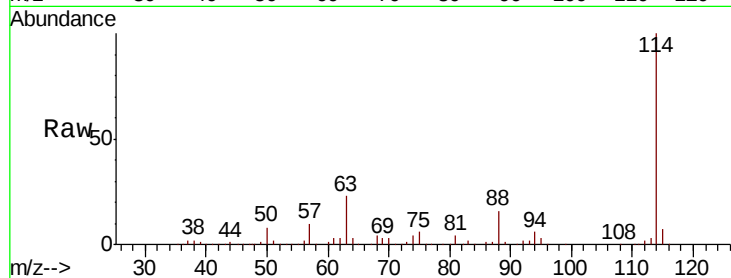




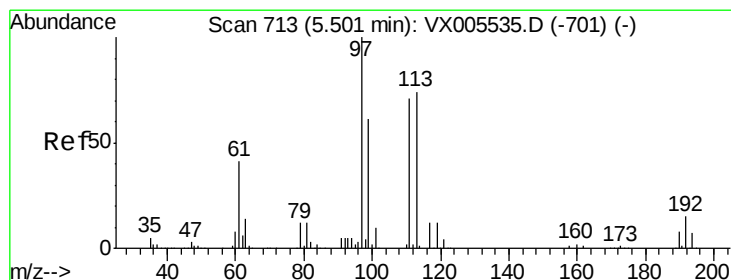
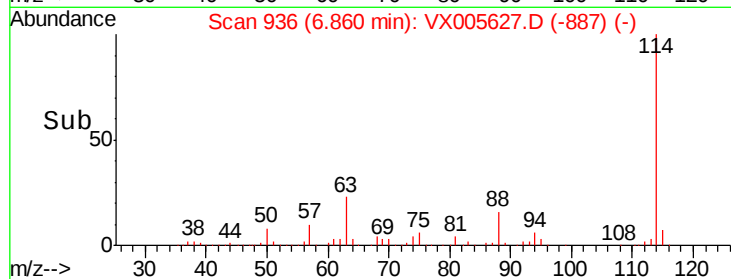
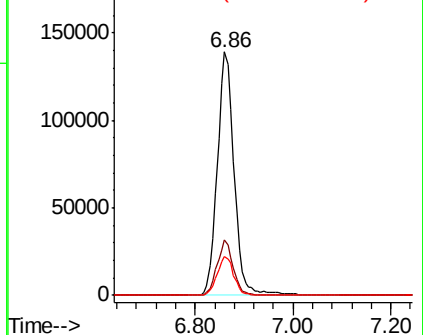
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	42.8
88	16.0	0.0	31.2

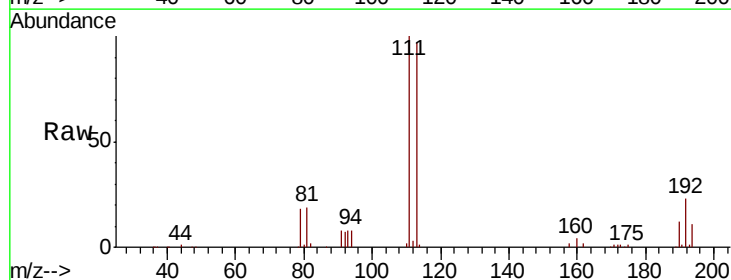


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

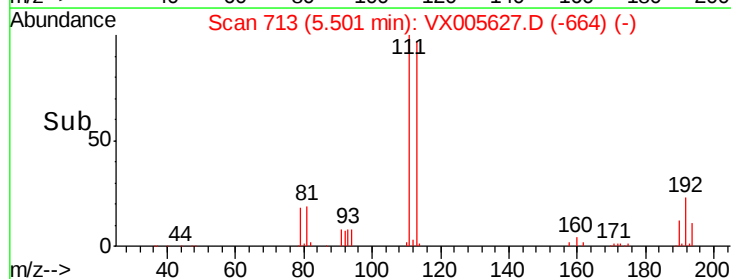
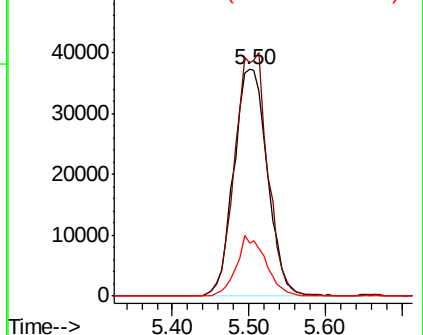


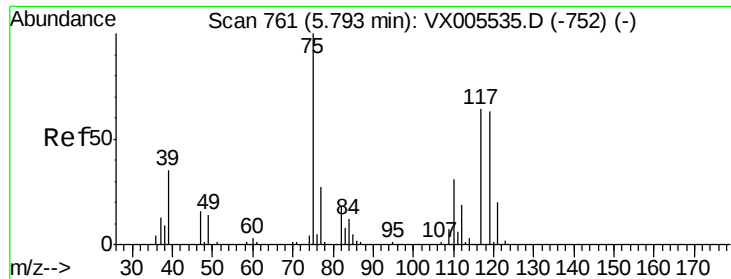
#35
Dibromofluoromethane
Concen: 50.424 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.3	123.5
192	23.2	17.9	26.9



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

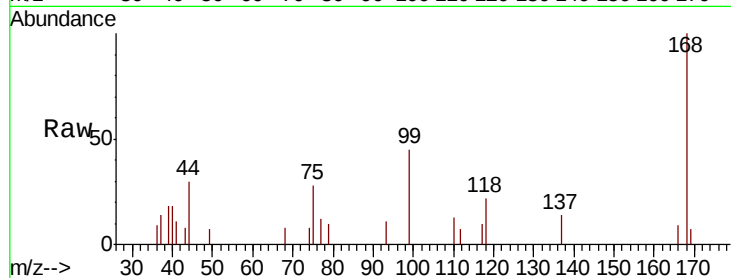




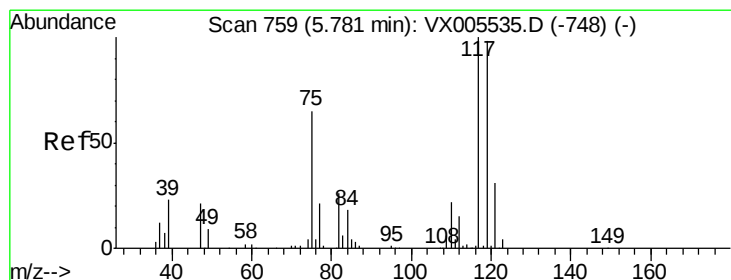
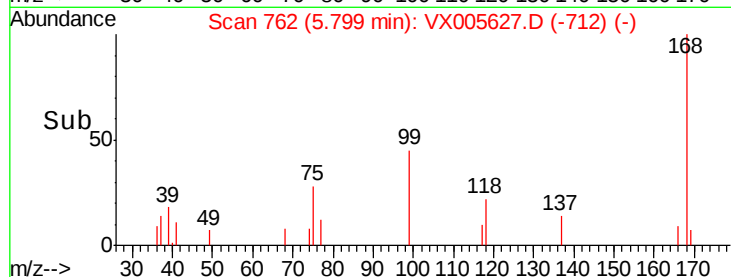
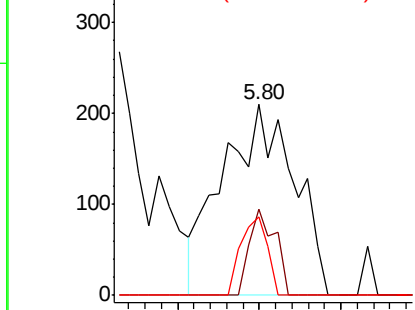
#36
 1,1-Dichloropropene
 Concen: 0.200 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005627.D
 Acq: 27 Oct 2018 02:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBL02

Tot Ion: 75 Resp: 645
 Ion Ratio Lower Upper
 75 100
 110 16.1 17.4 52.2#
 77 15.0 25.8 38.6#

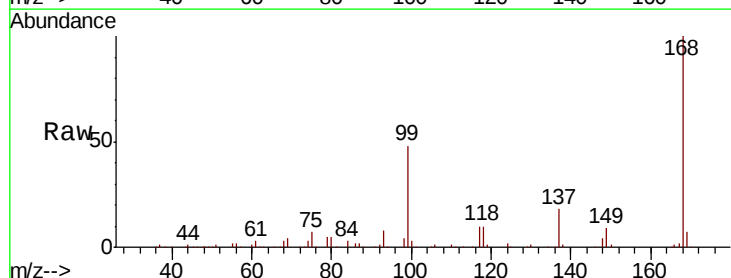


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

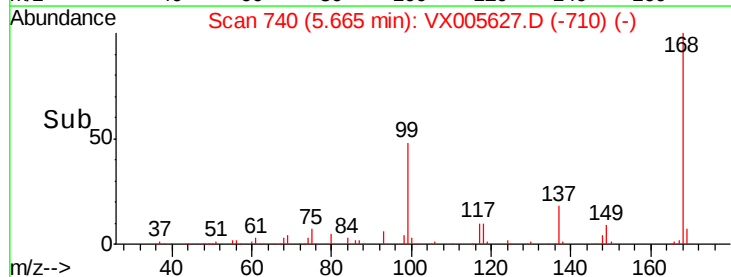
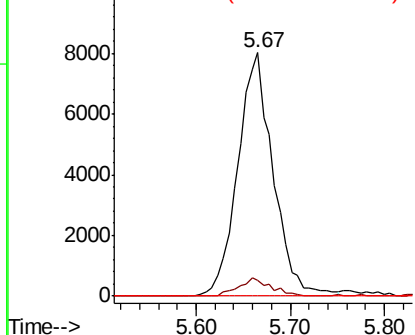


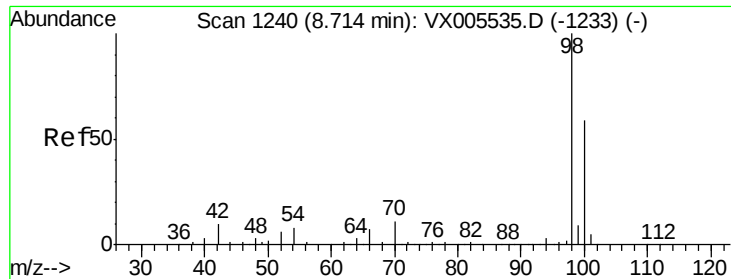
#38
 Carbon Tetrachloride
 Concen: 6.201 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005627.D
 Acq: 27 Oct 2018 02:01

Tgt Ion: 117 Resp: 21041
 Ion Ratio Lower Upper
 117 100
 119 6.5 78.1 117.1#
 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





#50

Toluene-d8

Concen: 48.974 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

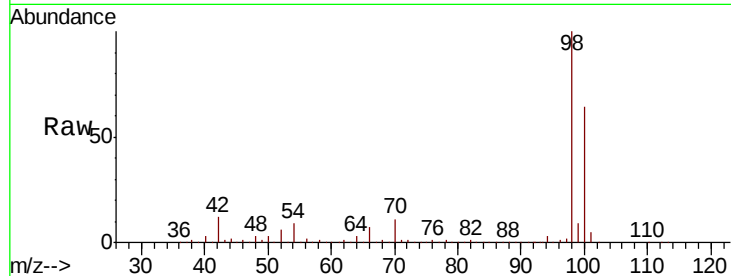
VX1026WBL02

Tot Ion: 98 Resp: 395584

Ion Ratio Lower Upper

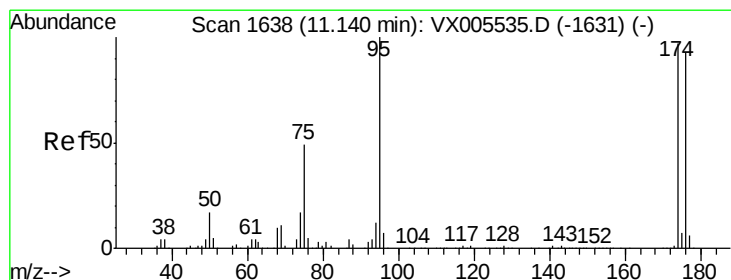
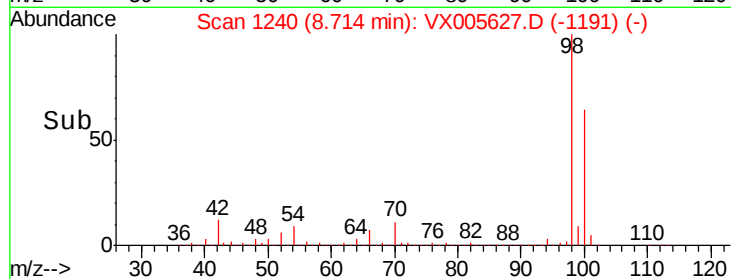
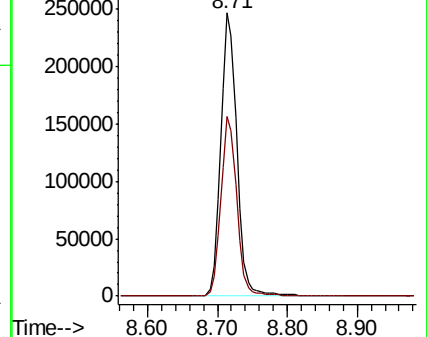
98 100

100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.133 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

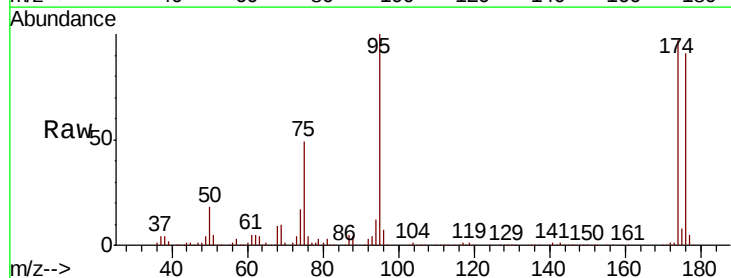
Tgt Ion: 95 Resp: 131573

Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.4

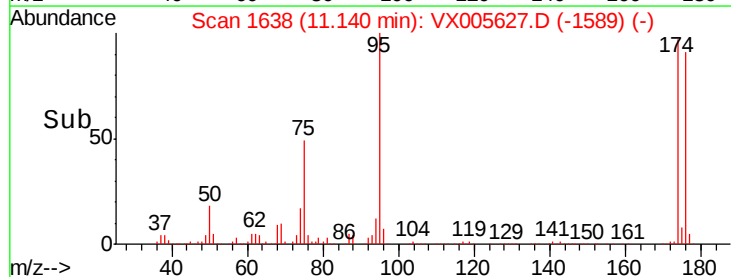
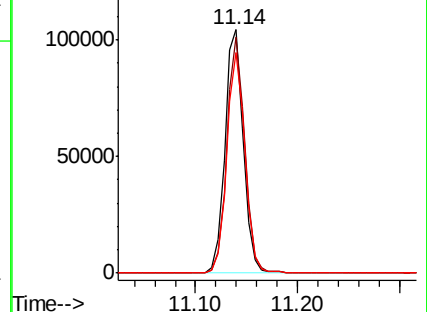
176 89.5 0.0 177.4

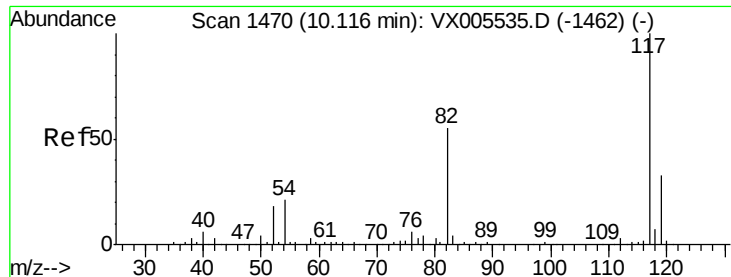


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

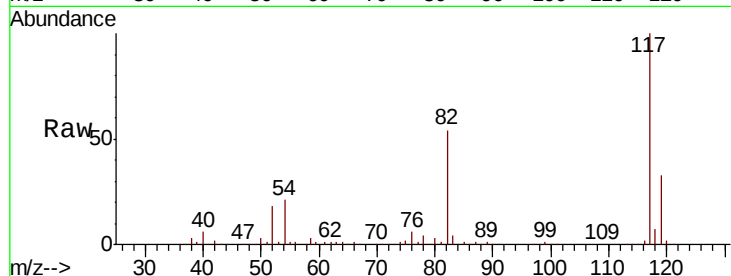




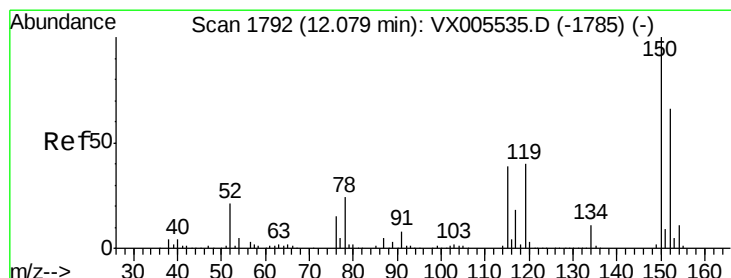
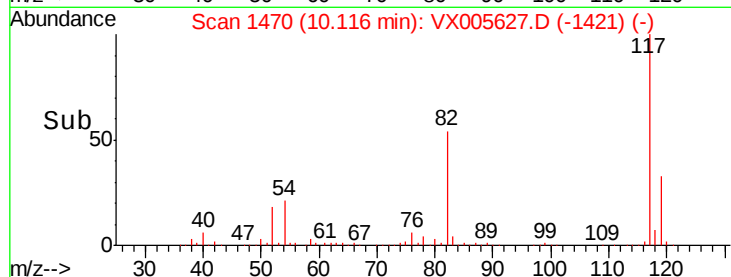
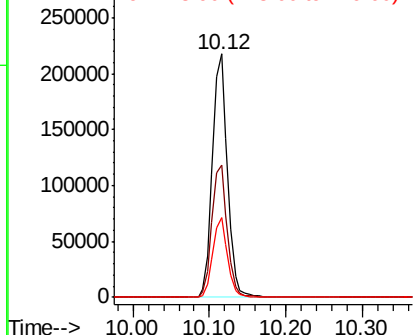
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

Instrument :
MSVOA_X
ClientSampled :
VX1026WBL02

Tot Ion:117 Resp: 298346
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.8 26.2 39.2

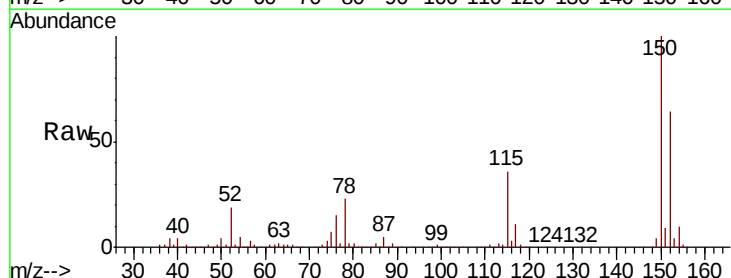


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

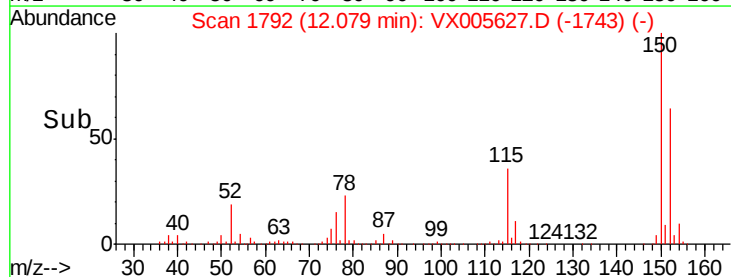
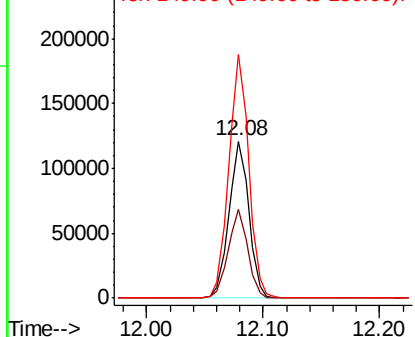


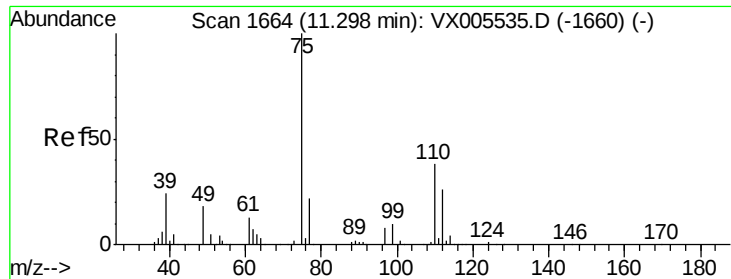
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005627.D
Acq: 27 Oct 2018 02:01

Tgt Ion:152 Resp: 143274
Ion Ratio Lower Upper
152 100
115 55.6 39.4 118.1
150 155.8 0.0 346.4



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: 21.738 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

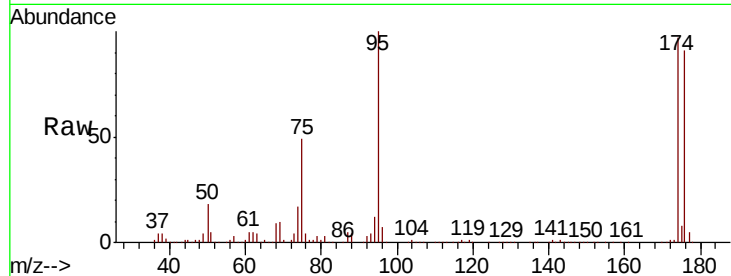
VX1026WBL02

Tot Ion: 75 Resp: 65988

Ion Ratio Lower Upper

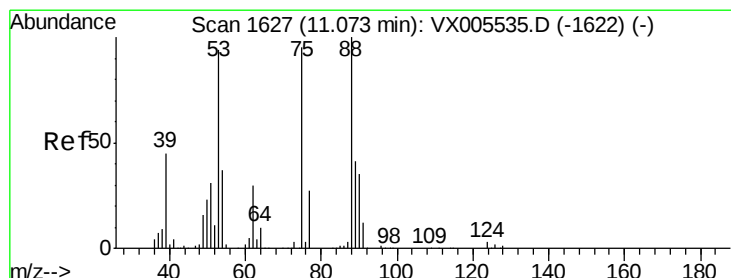
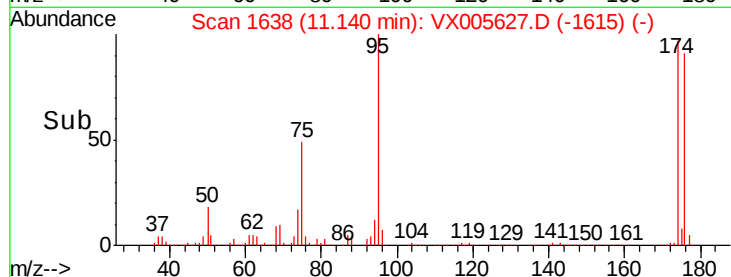
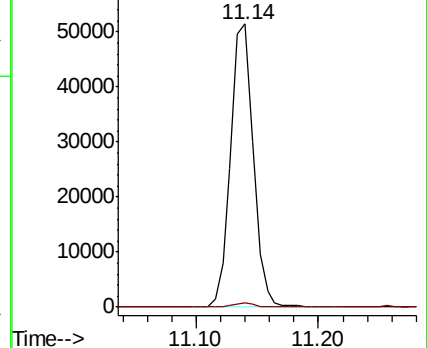
75 100

77 1.3 20.5 61.6#



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: 71.029 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005627.D

Acq: 27 Oct 2018 02:01

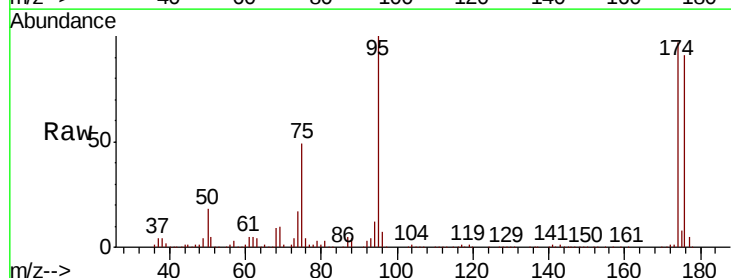
Tgt Ion: 75 Resp: 65988

Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.2#

89 0.0 39.8 59.8#



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

