

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
 Data File : VX007514.D
 Acq On : 13 Feb 2019 12:04
 Operator : JC/SP
 Sample : VX0214MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214MBL01

Quant Time: Feb 13 12:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	504151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	797201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	739601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346954	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	276434	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	5.51	113	257079	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	8.71	98	944495	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	323608	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	

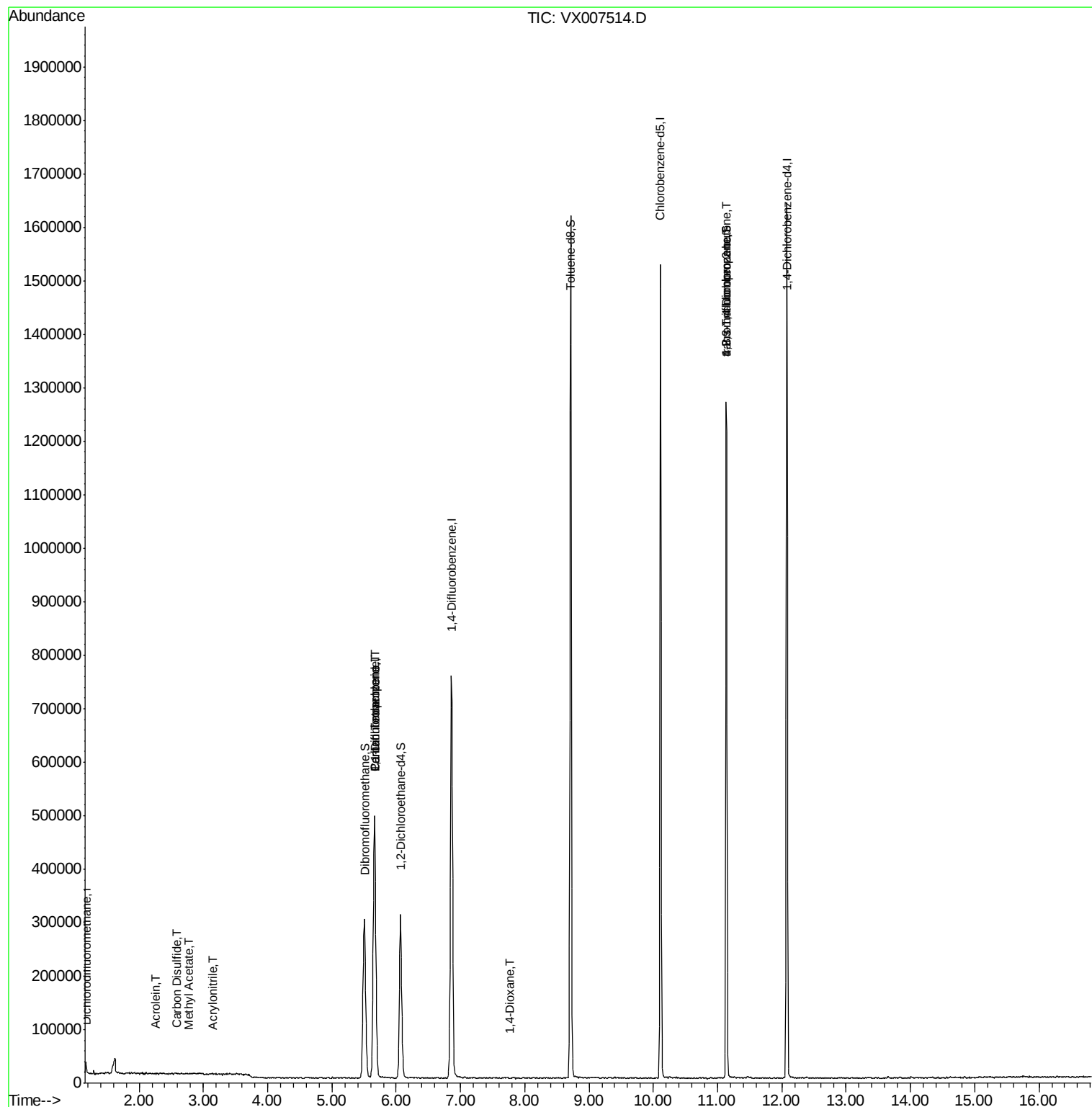
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	544	0.265	ug/l #	1
5) Bromomethane	1.64	94	1133	Below Cal	#	50
13) Acrolein	2.26	56	273	0.526	ug/l	96
15) Acrylonitrile	3.15	53	696	0.254	ug/l #	61
17) Carbon Disulfide	2.58	76	1915	2.267	ug/l	96
18) Methyl Acetate	2.78	43	972	0.744	ug/l #	68
20) Methylene Chloride	2.87	84	784	Below Cal	#	68
36) 1,1-Dichloropropene	5.67	75	32469	4.539	ug/l #	49
38) Carbon Tetrachloride	5.67	117	45641	6.577	ug/l #	18
49) 1,4-Dioxane	7.77	88	90	7.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	155814	23.088	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	155814	69.556	ug/l #	9

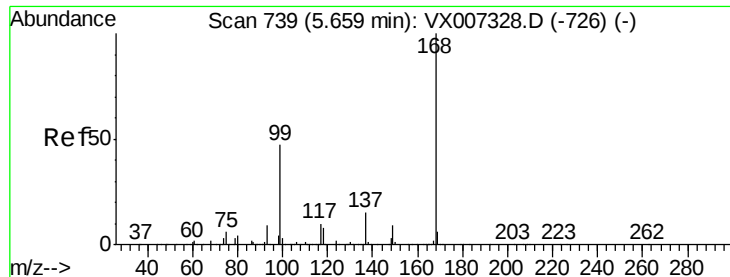
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
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ClientSampled :
VX0214MBL01

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

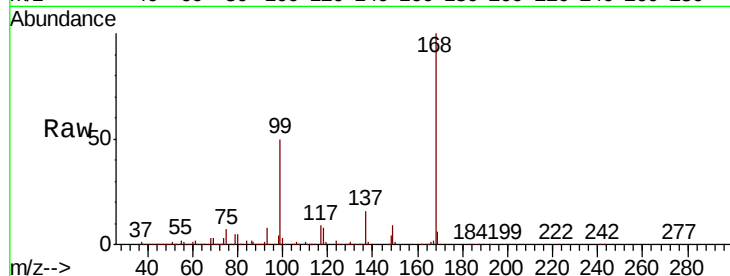
VX0214MBL01

Tgt Ion:168 Resp: 504151

Ion Ratio Lower Upper

168 100

99 49.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

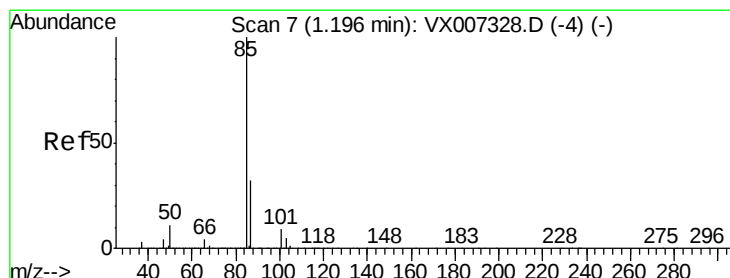
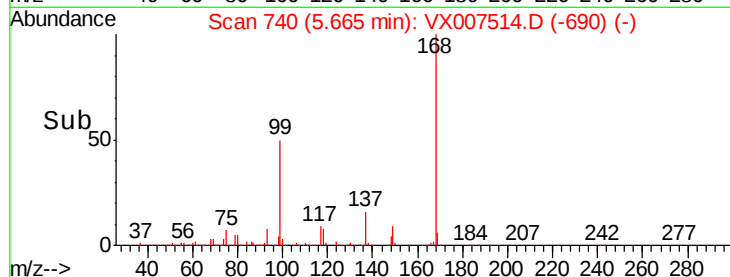
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.265 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX007514.D

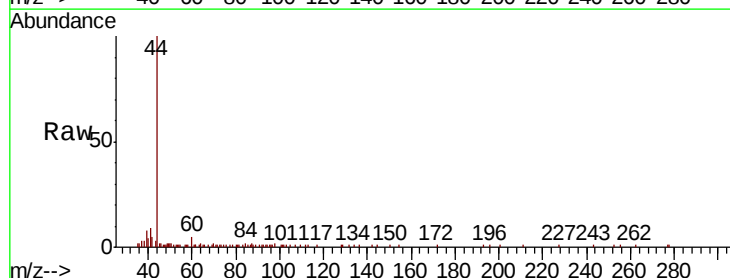
Acq: 13 Feb 2019 12:04

Tgt Ion: 85 Resp: 544

Ion Ratio Lower Upper

85 100

87 94.9 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300

250

200

150

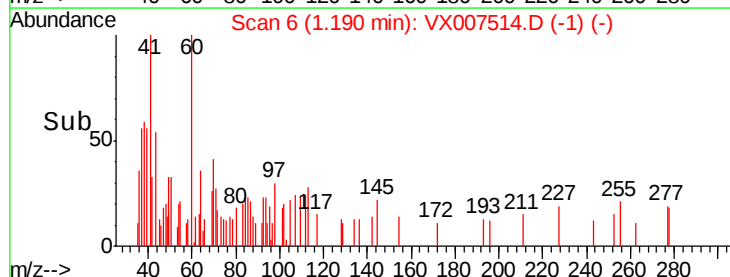
100

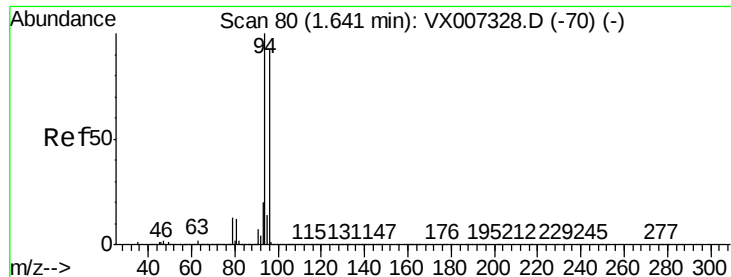
50

0

Time-->

1.20 1.25





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

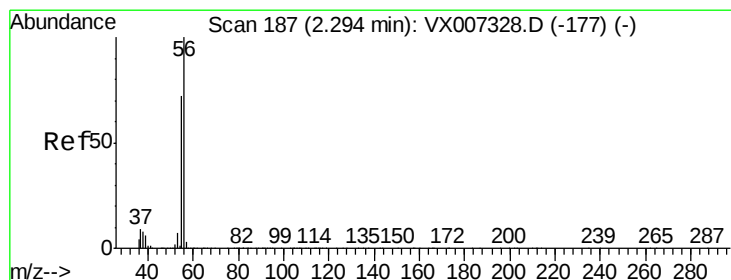
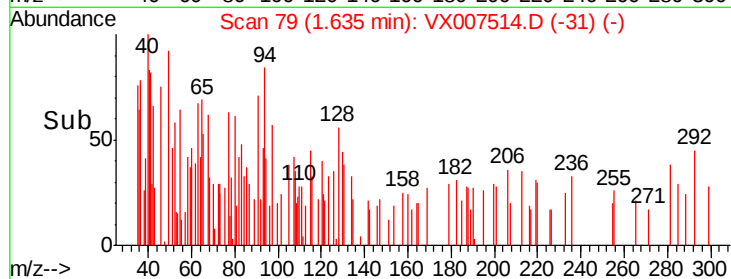
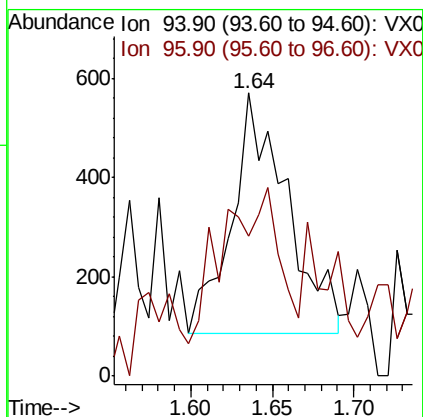
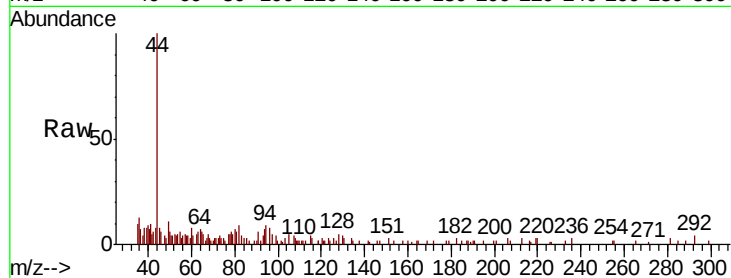
VX0214MBL01

Tgt Ion: 94 Resp: 1133

Ion Ratio Lower Upper

94 100

96 44.9 73.9 110.9#



#13

Acrolein

Concen: 0.526 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX007514.D

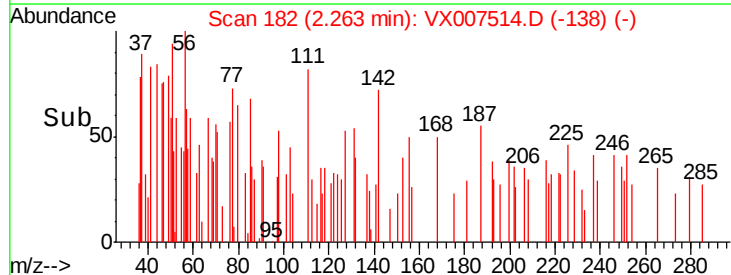
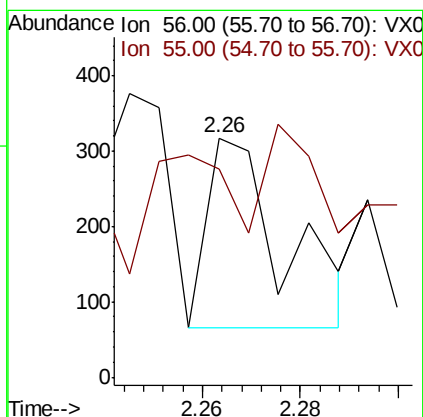
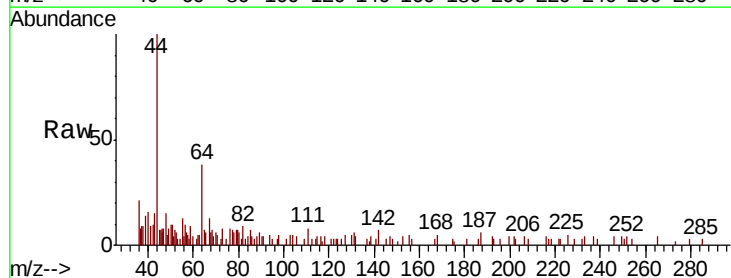
Acq: 13 Feb 2019 12:04

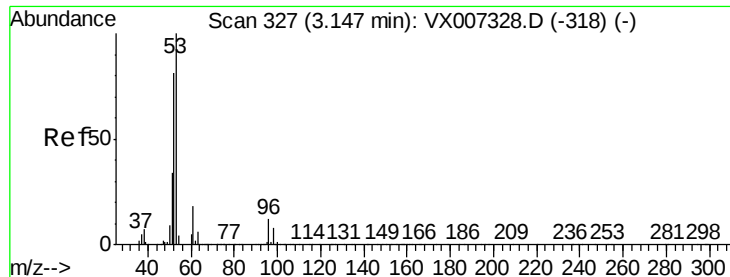
Tgt Ion: 56 Resp: 273

Ion Ratio Lower Upper

56 100

55 67.8 56.9 85.3





#15

Acrylonitrile

Concen: 0.254 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01

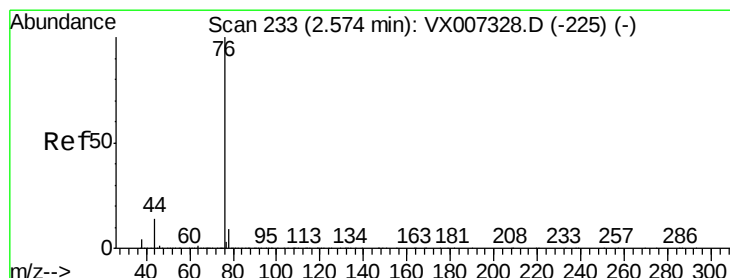
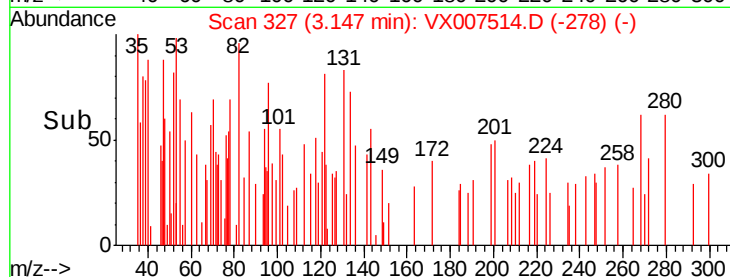
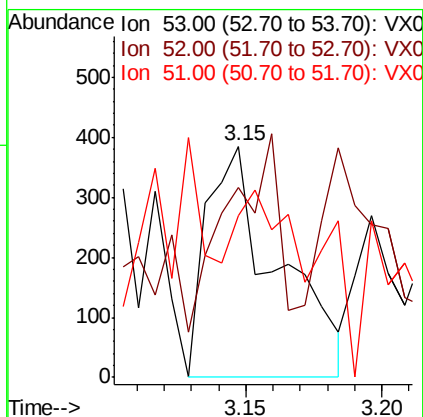
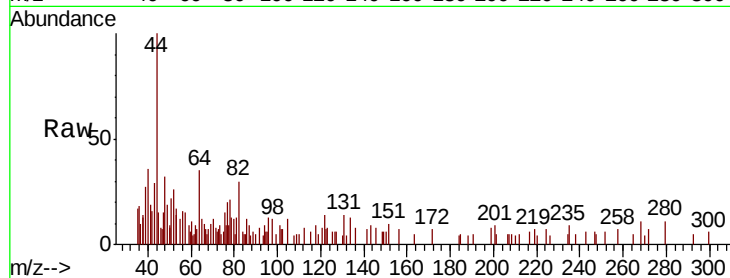
Tgt Ion: 53 Resp: 696

Ion Ratio Lower Upper

53 100

52 69.0 66.4 99.6

51 91.1 28.4 42.6#



#17

Carbon Disulfide

Concen: 2.267 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007514.D

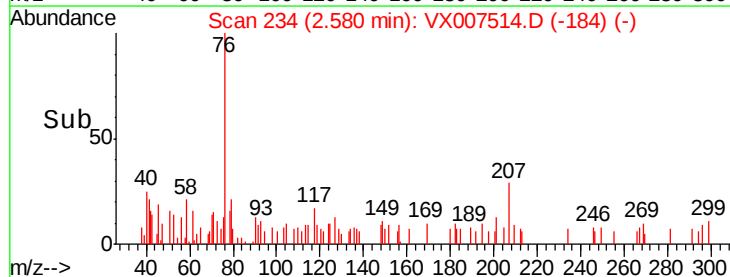
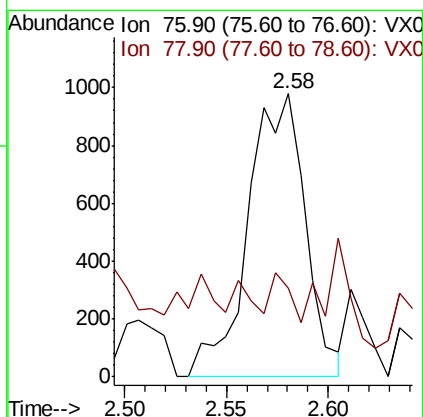
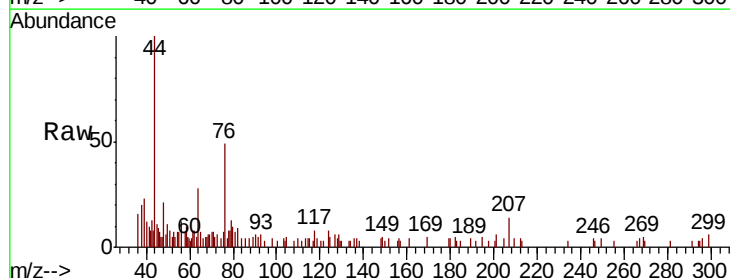
Acq: 13 Feb 2019 12:04

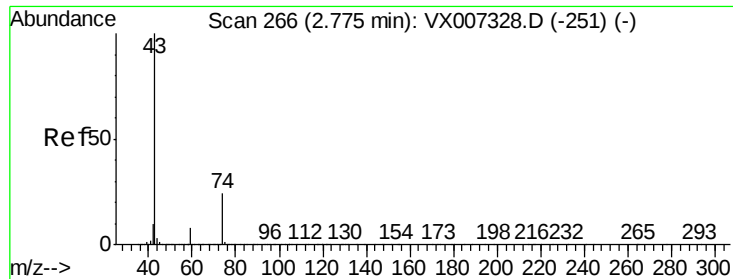
Tgt Ion: 76 Resp: 1915

Ion Ratio Lower Upper

76 100

78 7.4 7.1 10.7

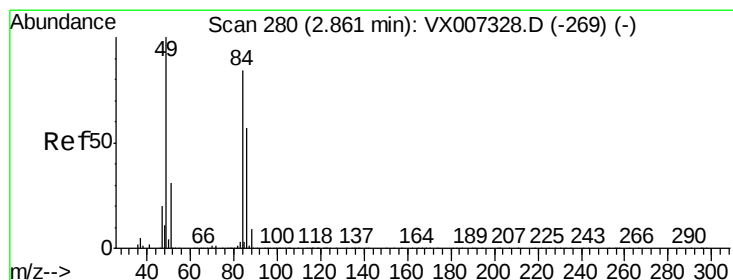
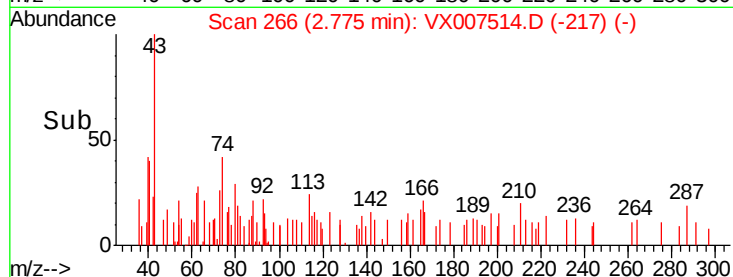
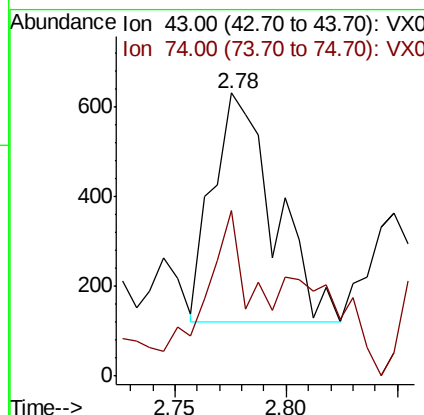
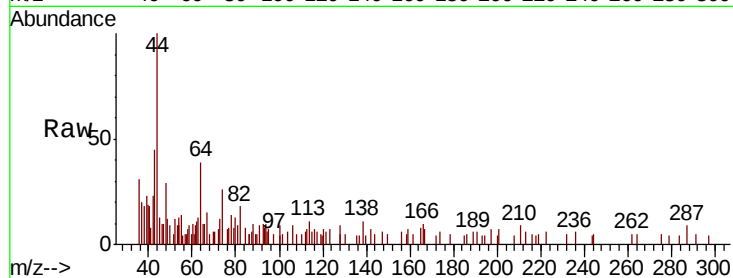




#18
Methyl Acetate
Concen: 0.744 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007514.D
Acq: 13 Feb 2019 12:04

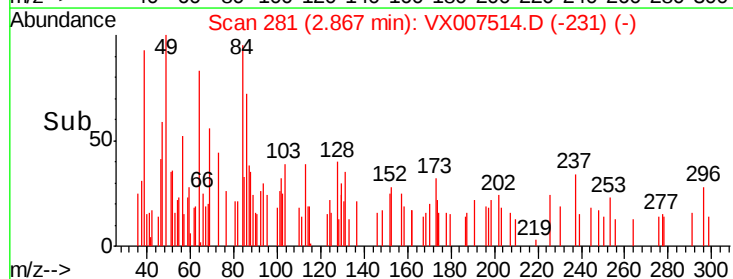
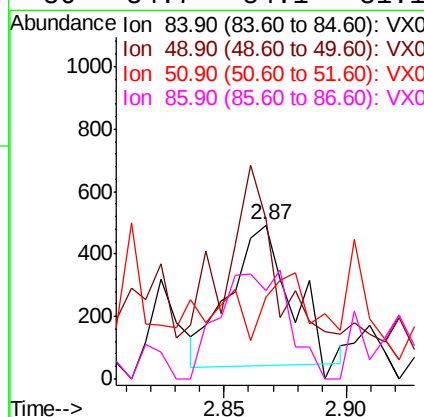
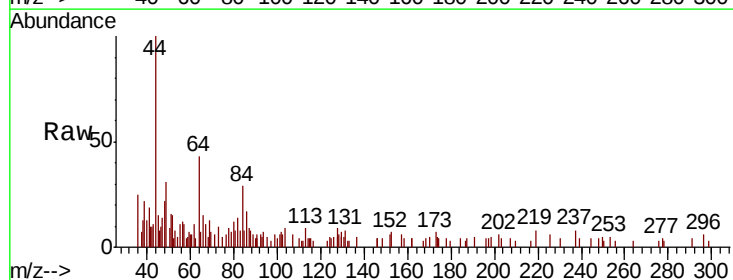
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

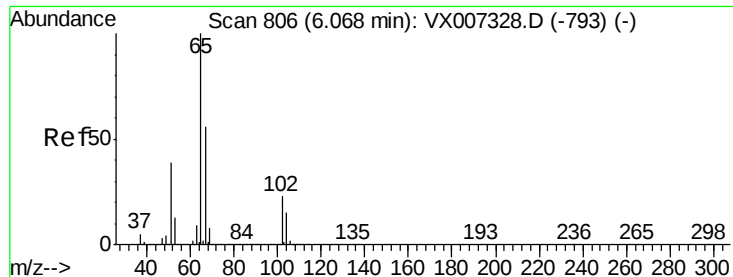
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
74 40.3 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX007514.D
Acq: 13 Feb 2019 12:04

Tgt Ion: 84 Resp: 784
Ion Ratio Lower Upper
84 100
49 71.9 94.8 142.2#
51 20.5 29.8 44.8#
86 54.7 54.1 81.1





#33

1,2-Dichloroethane-d4

Concen: 51.659 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

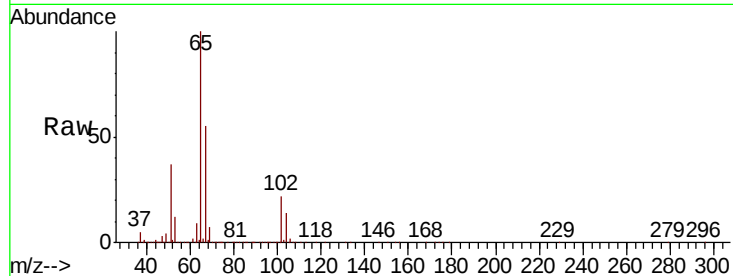
VX0214MBL01

Tgt Ion: 65 Resp: 276434

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

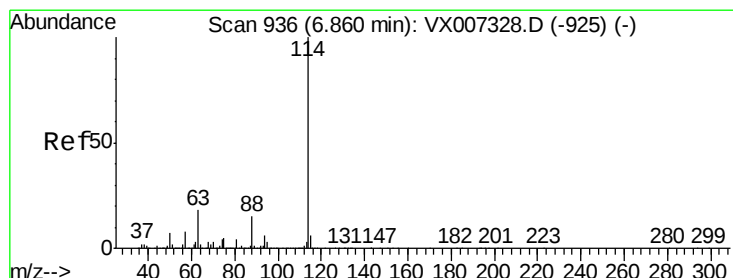
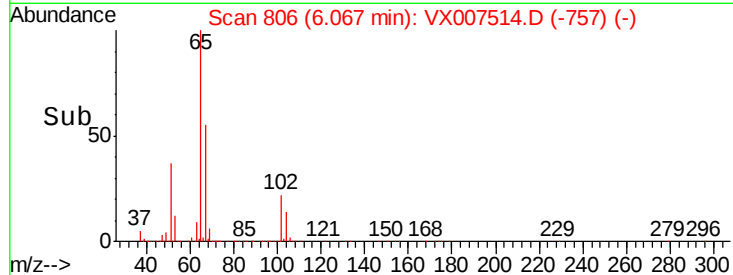
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

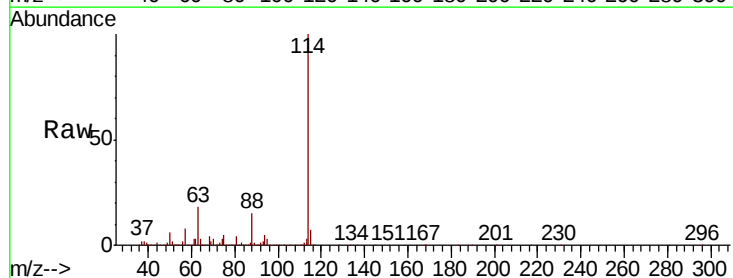
Tgt Ion: 114 Resp: 797201

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 14.8 0.0 29.6



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

6.86

400000

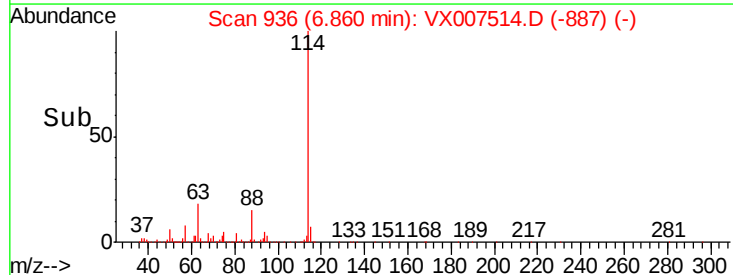
300000

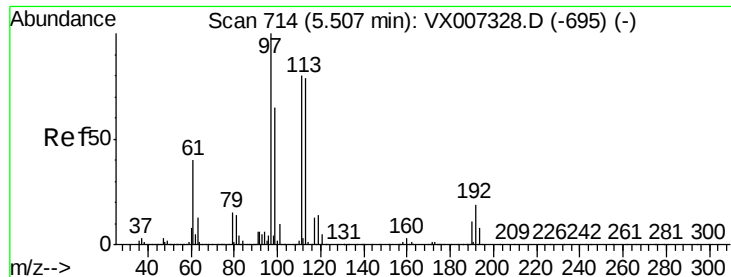
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.561 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01

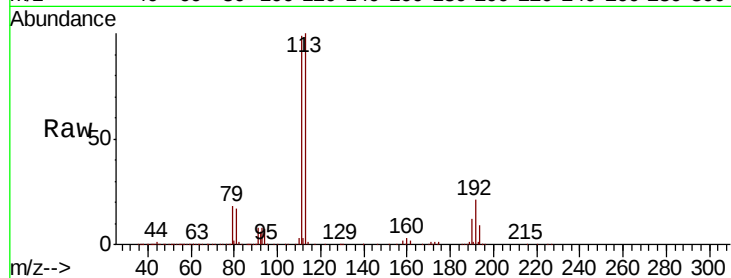
Tgt Ion:113 Resp: 257079

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.8

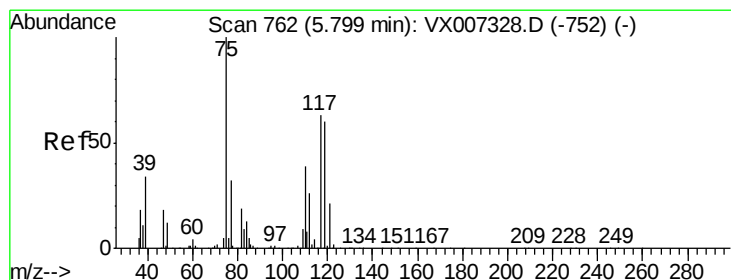
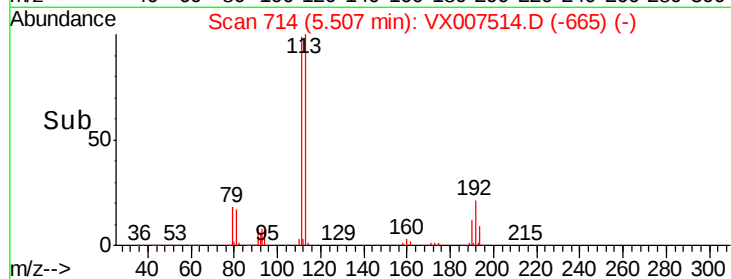
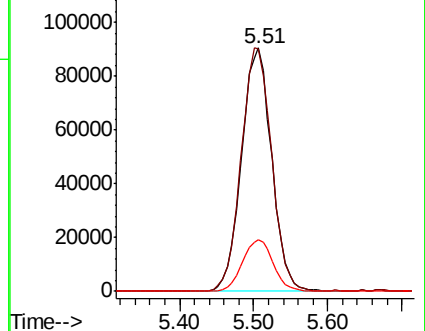
192 21.7 18.5 27.7



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: 4.539 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

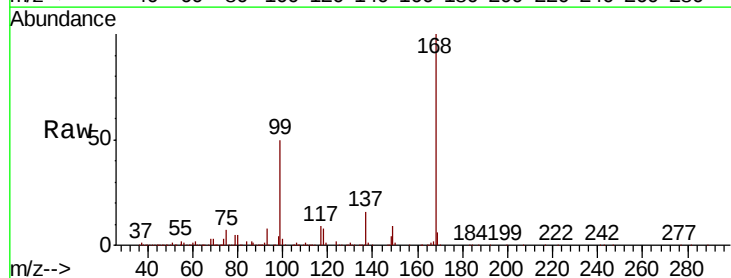
Tgt Ion: 75 Resp: 32469

Ion Ratio Lower Upper

75 100

110 10.8 20.0 59.9#

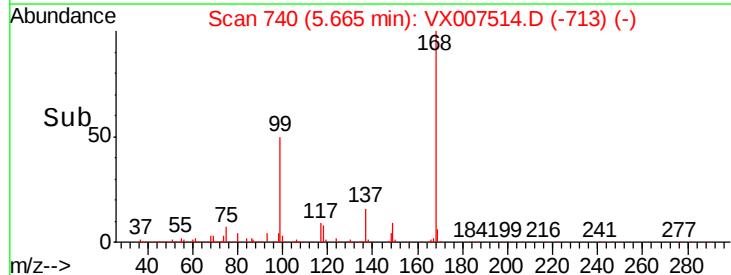
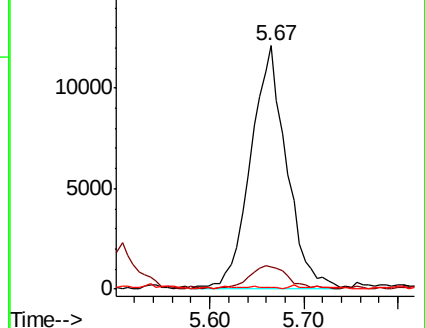
77 0.2 24.7 37.1#

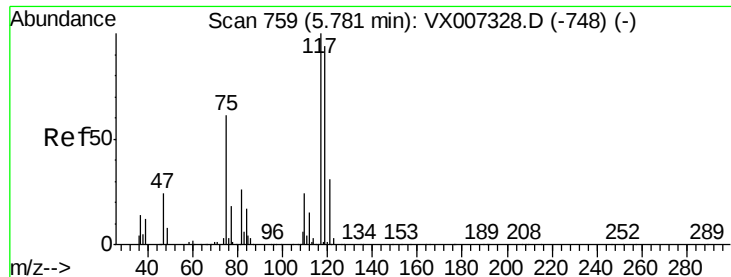


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.577 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01

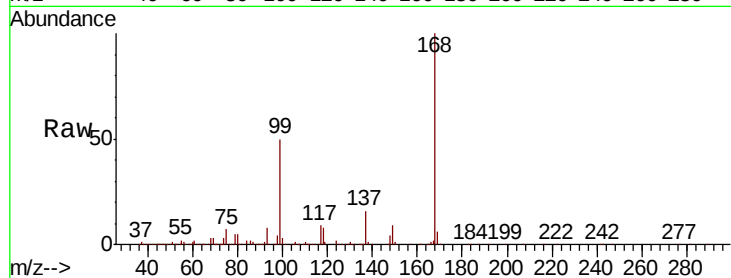
Tgt Ion:117 Resp: 45641

Ion Ratio Lower Upper

117 100

119 6.3 75.3 112.9#

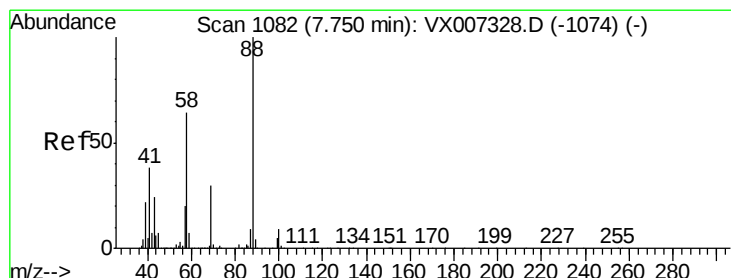
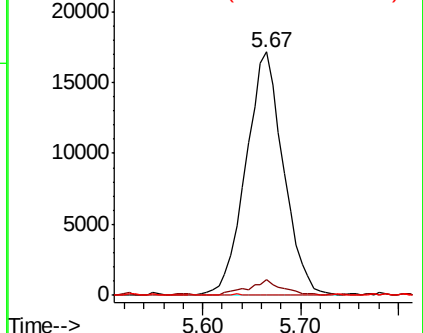
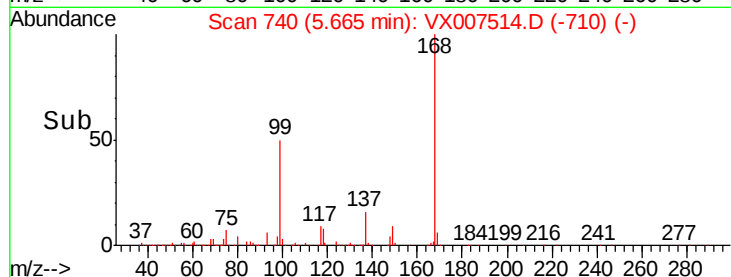
121 0.0 25.0 37.4#



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: 7.583 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

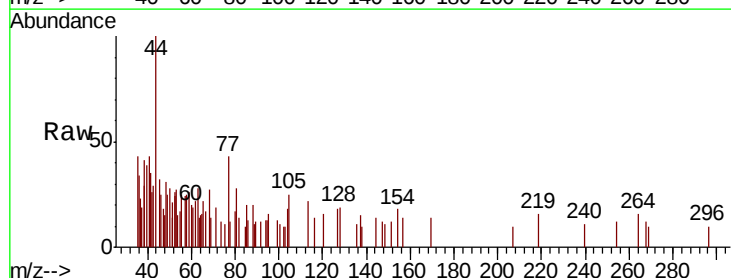
Tgt Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

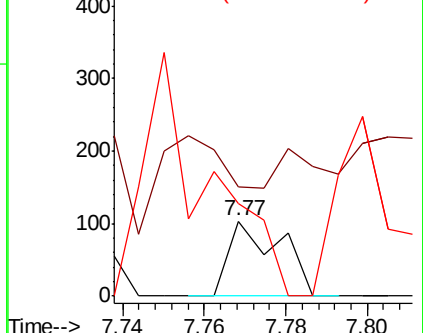
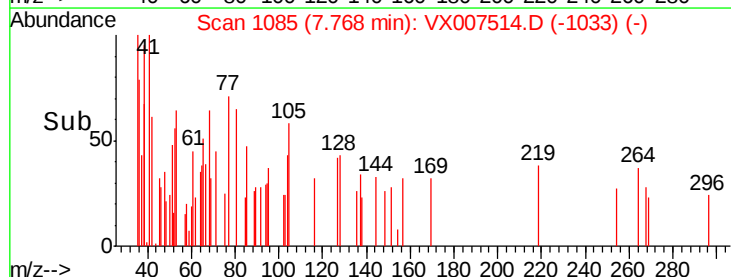
58 404.4 53.0 79.4#

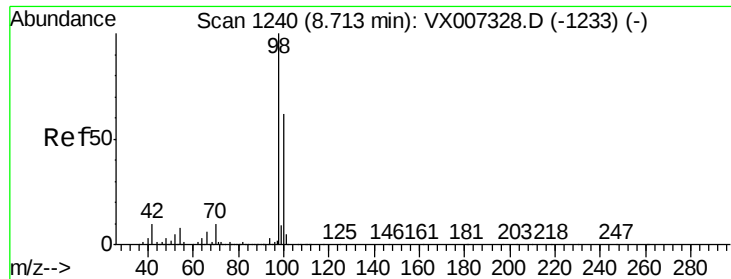


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.077 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

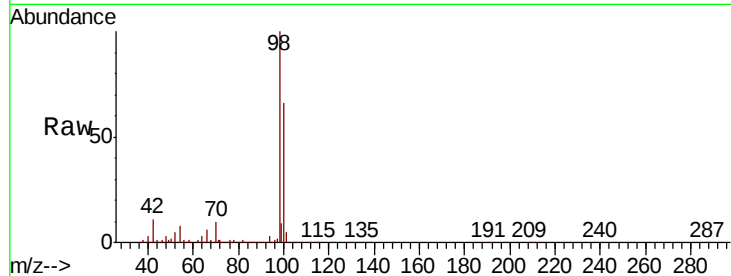
VX0214MBL01

Tgt Ion: 98 Resp: 944495

Ion Ratio Lower Upper

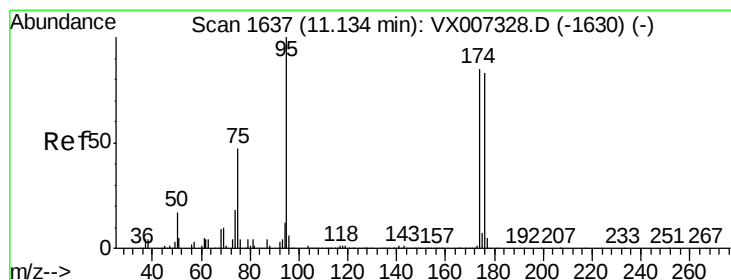
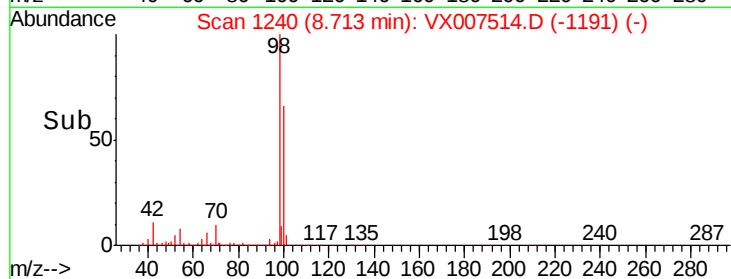
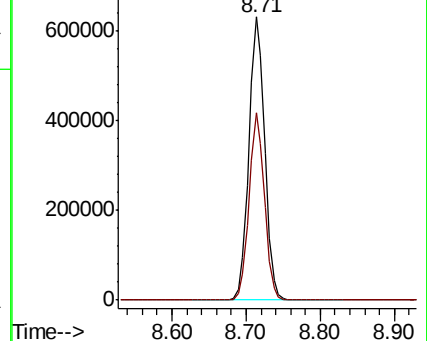
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.056 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

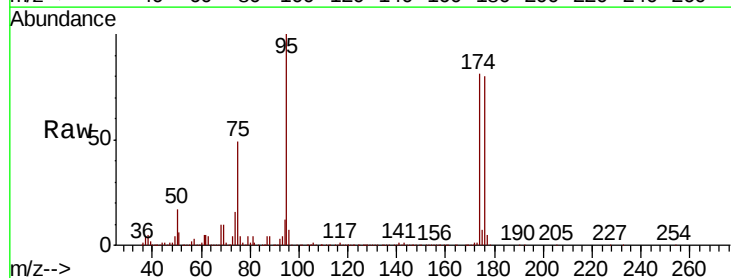
Tgt Ion: 95 Resp: 323608

Ion Ratio Lower Upper

95 100

174 91.3 0.0 189.2

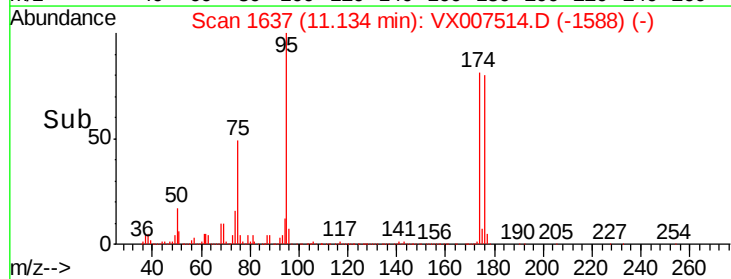
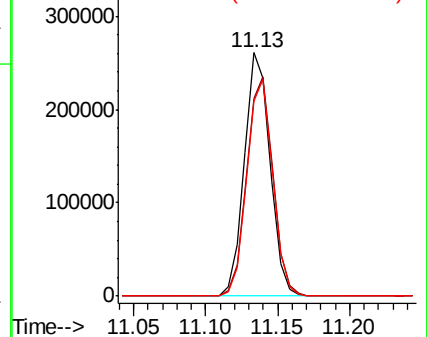
176 89.2 0.0 186.2

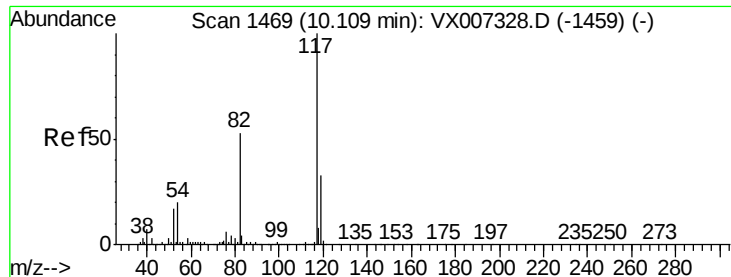


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

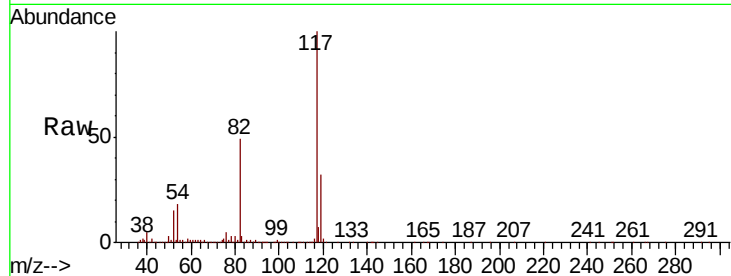




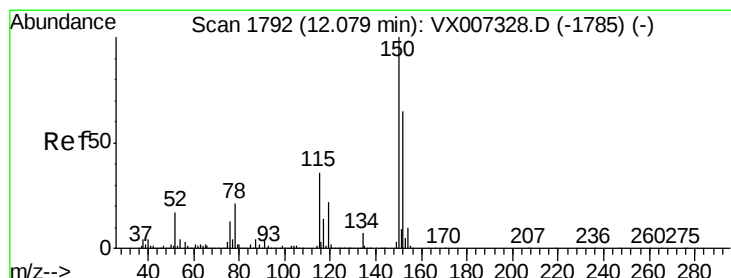
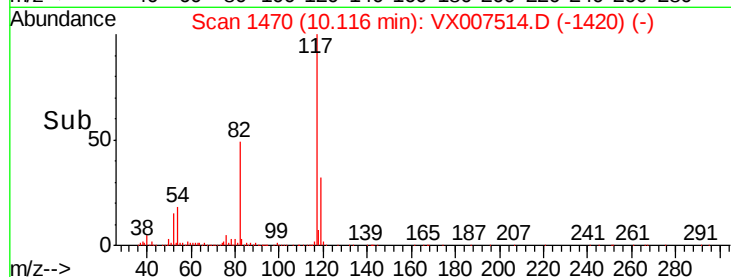
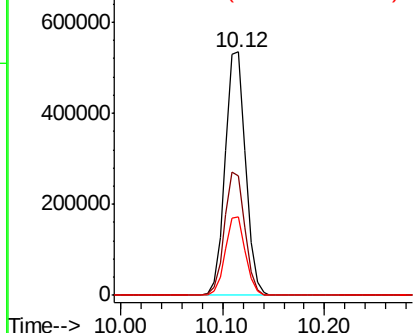
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007514.D
Acq: 13 Feb 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.1	42.1	63.1
119	32.0	26.5	39.7

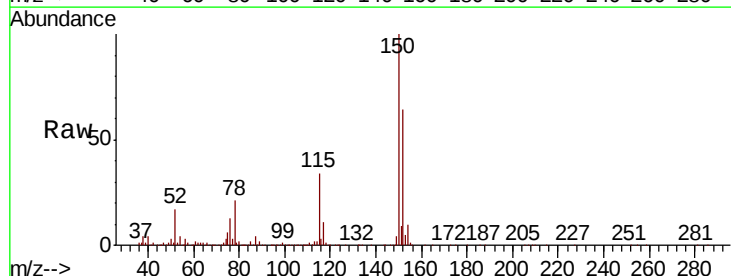


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

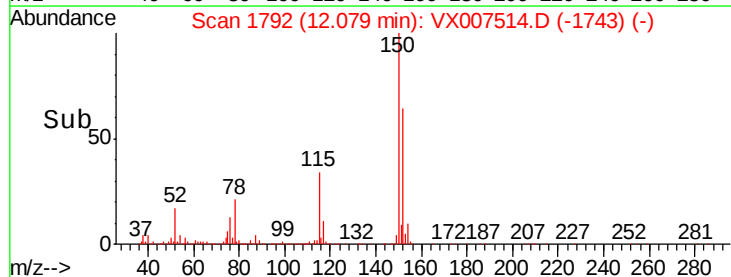
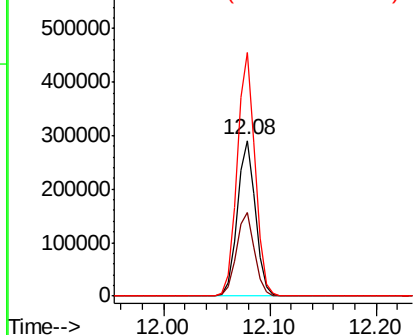


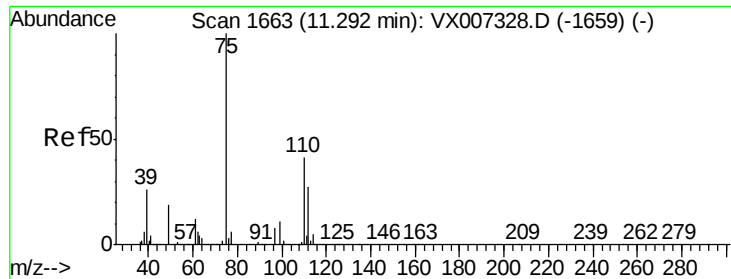
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007514.D
Acq: 13 Feb 2019 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	38.0	114.0
150	154.9	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: 23.088 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

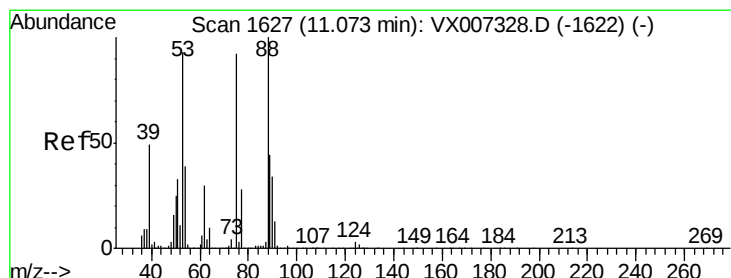
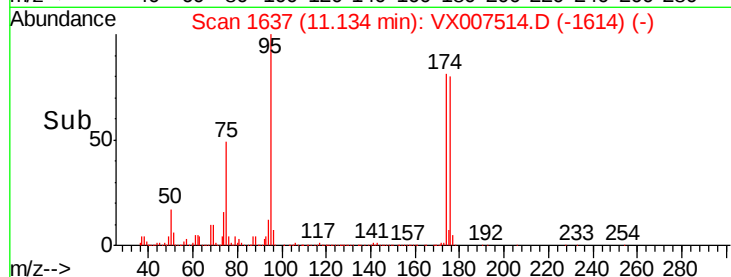
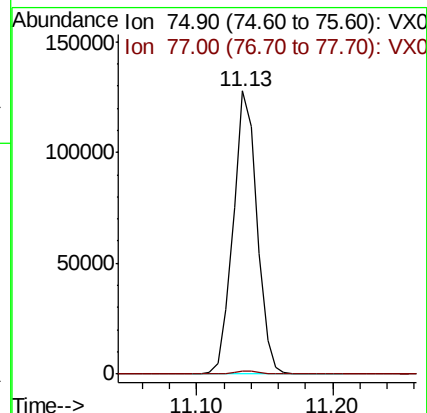
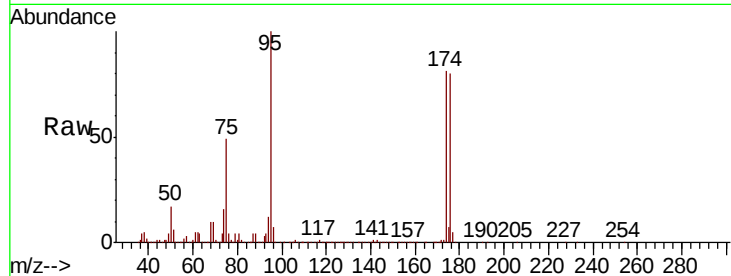
VX0214MBL01

Tgt Ion: 75 Resp: 155814

Ion Ratio Lower Upper

75 100

77 1.2 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.556 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007514.D

Acq: 13 Feb 2019 12:04

Tgt Ion: 75 Resp: 155814

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.6#

89 0.2 41.4 62.0#

