

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
 Data File : VX006850.D
 Acq On : 28 Dec 2018 10:21
 Operator : JC/MD
 Sample : VX1228MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBL01

Quant Time: Dec 28 22:56:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	678153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1024491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	472966	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	345317	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	306556	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	8.71	98	1203864	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.13	95	435352	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	

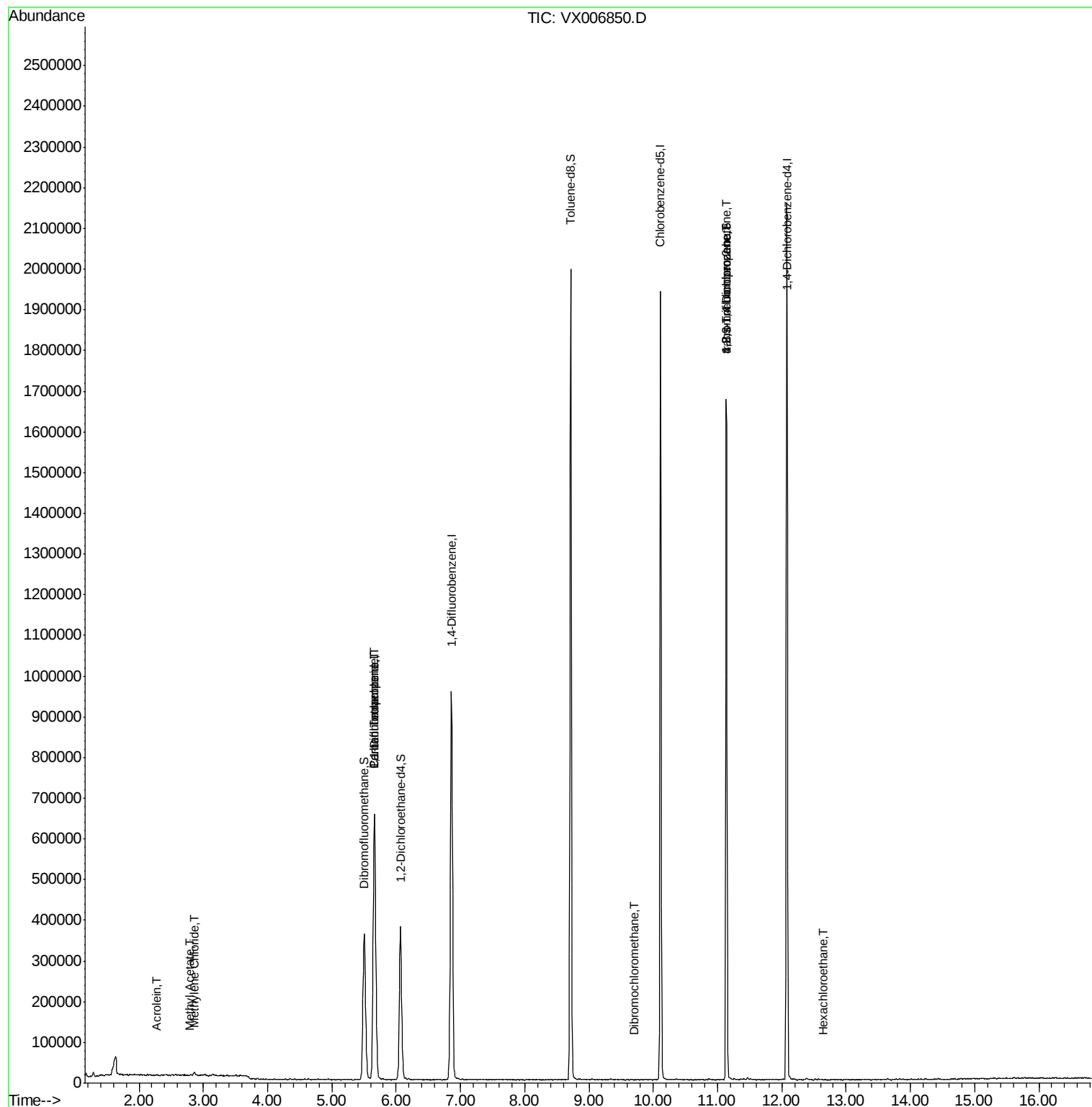
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2276	Below Cal	#	81
13) Acrolein	2.28	56	494	0.449	ug/l #	63
18) Methyl Acetate	2.79	43	2280	0.231	ug/l #	58
20) Methylene Chloride	2.86	84	4110	0.592	ug/l #	79
28) Bromochloromethane	5.03	49	187	Below Cal	#	65
36) 1,1-Dichloropropene	5.66	75	44031	5.189	ug/l #	44
38) Carbon Tetrachloride	5.66	117	61454	7.452	ug/l #	14
49) 1,4-Dioxane	7.76	88	134	Below Cal	#	1
60) Dibromochloromethane	9.70	129	43	2.330	ug/l	67
76) 1,2,3-Trichloropropane	11.13	75	205877	23.423	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	205877	69.480	ug/l #	10
90) Hexachloroethane	12.65	117	34	3.300	ug/l	81

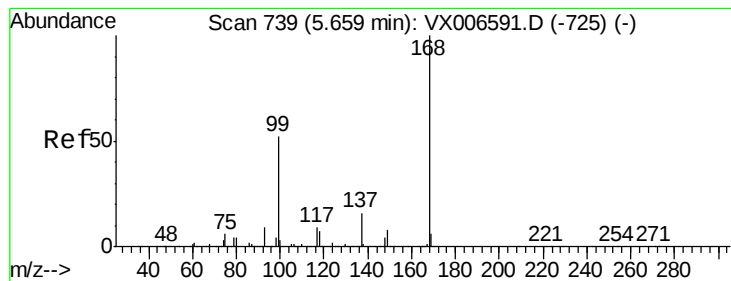
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
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ClientSampled :
VX1228MBL01

Quant Time: Dec 28 22:56:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

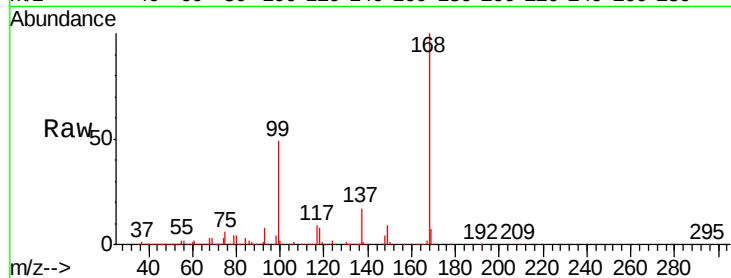
VX1228MBL01

Tgt Ion:168 Resp: 678153

Ion Ratio Lower Upper

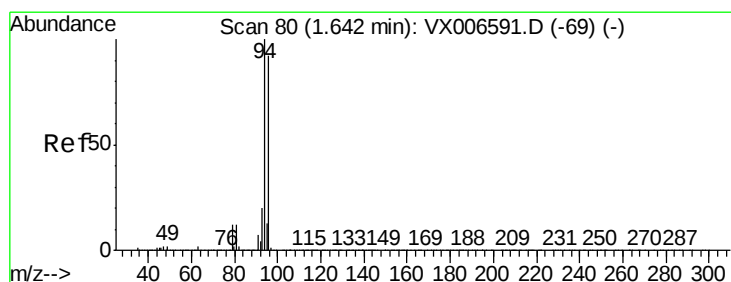
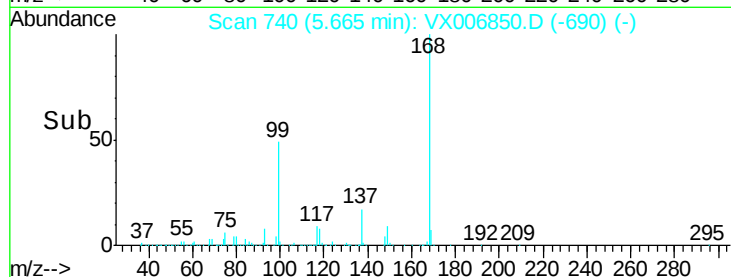
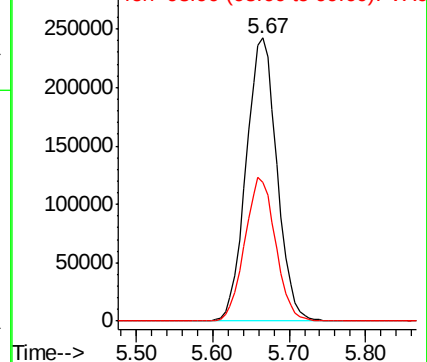
168 100

99 49.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006850.D

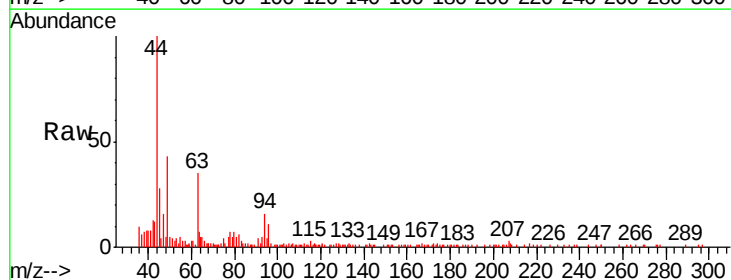
Acq: 28 Dec 2018 10:21

Tgt Ion: 94 Resp: 2276

Ion Ratio Lower Upper

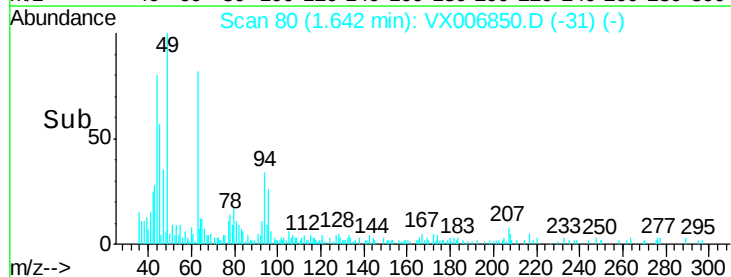
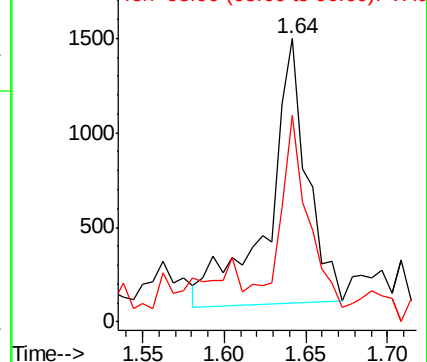
94 100

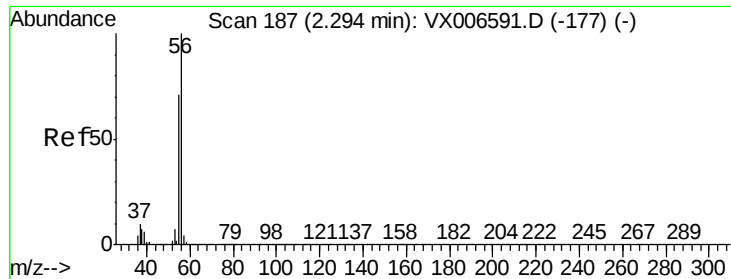
96 73.3 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: 0.449 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampled :

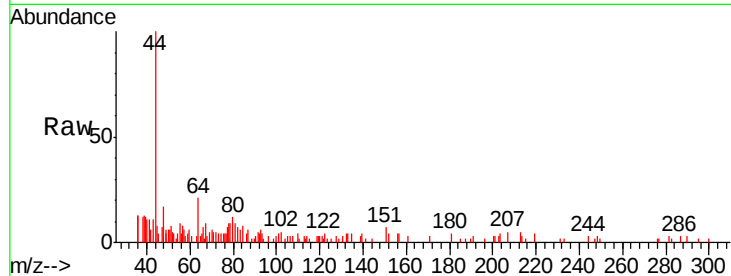
VX1228MBL01

Tgt Ion: 56 Resp: 494

Ion Ratio Lower Upper

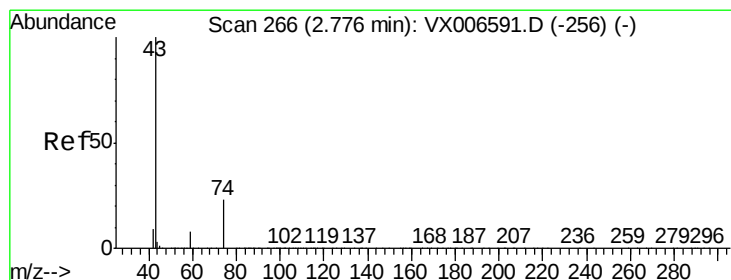
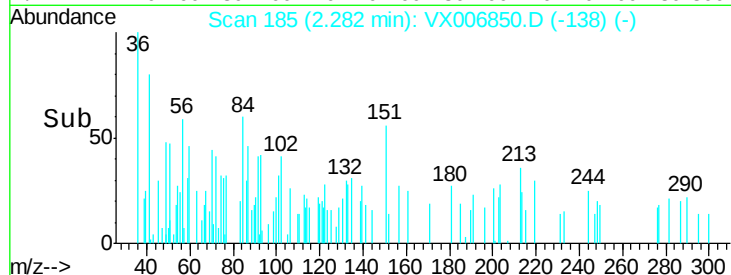
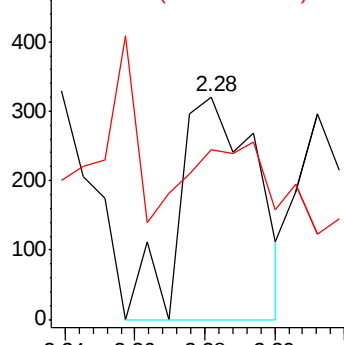
56 100

55 41.7 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#18

Methyl Acetate

Concen: 0.231 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX006850.D

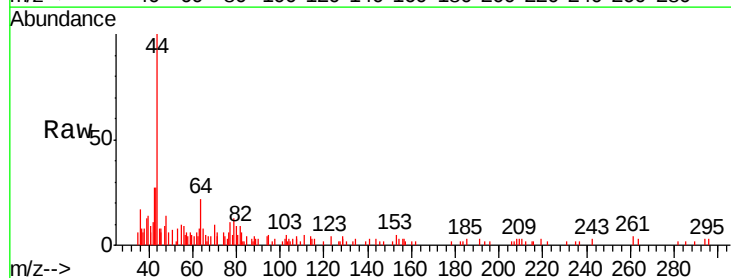
Acq: 28 Dec 2018 10:21

Tgt Ion: 43 Resp: 2280

Ion Ratio Lower Upper

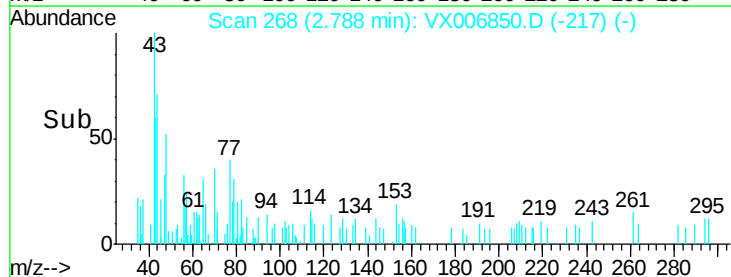
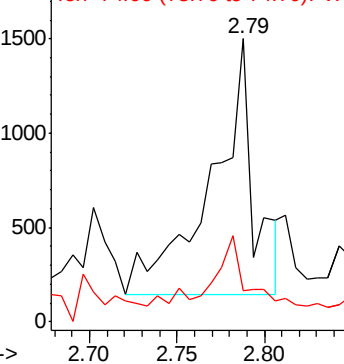
43 100

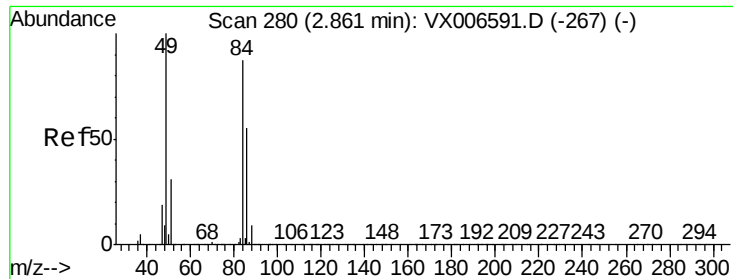
74 43.6 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

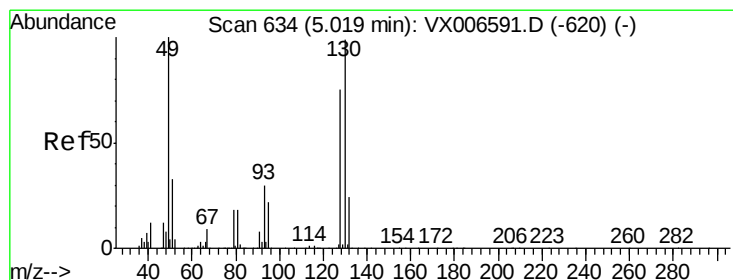
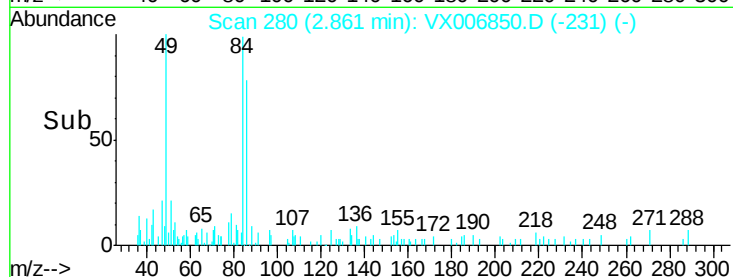
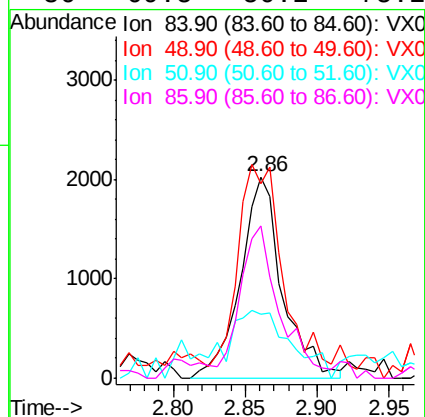
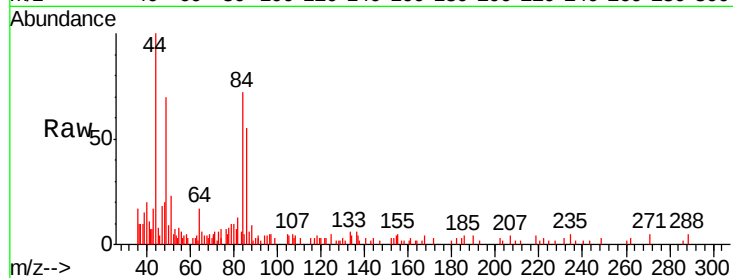




#20
Methylene Chloride
Concen: 0.592 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006850.D
Acq: 28 Dec 2018 10:21

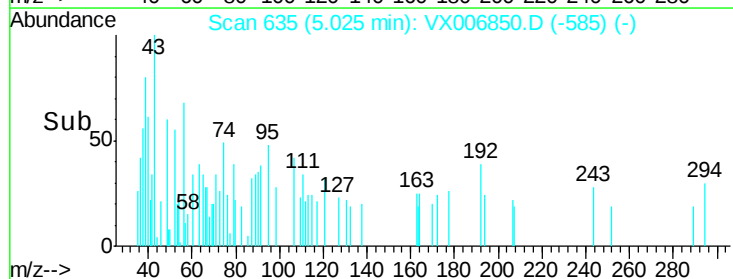
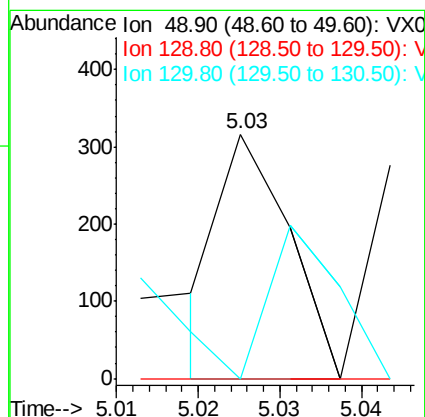
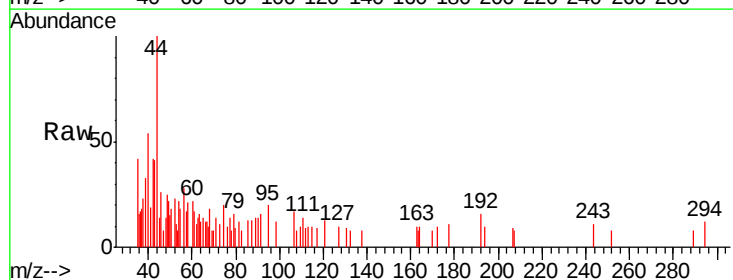
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBL01

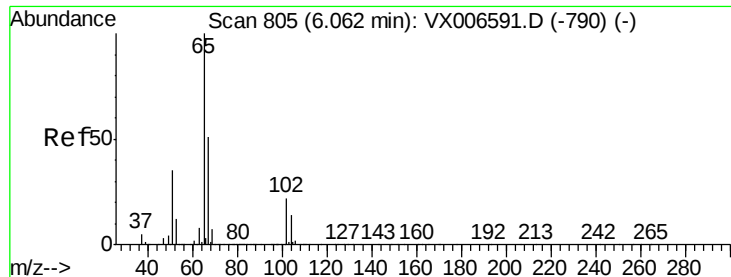
Tgt Ion: 84 Resp: 4110
Ion Ratio Lower Upper
84 100
49 85.0 91.8 137.6#
51 23.2 28.5 42.7#
86 69.5 50.2 75.2



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006850.D
Acq: 28 Dec 2018 10:21

Tgt Ion: 49 Resp: 187
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 62.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 47.247 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

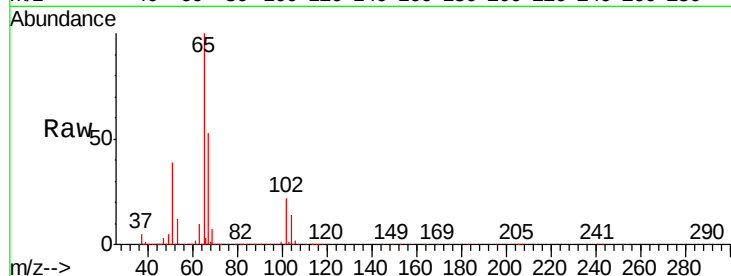
VX1228MBL01

Tgt Ion: 65 Resp: 345317

Ion Ratio Lower Upper

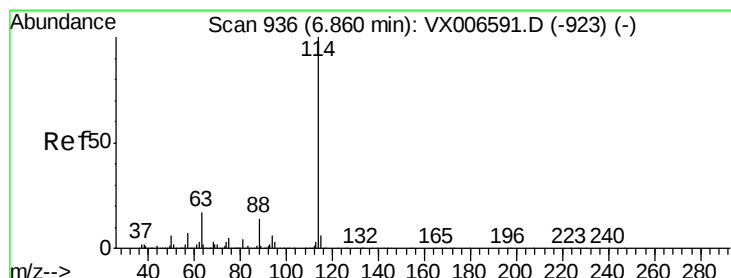
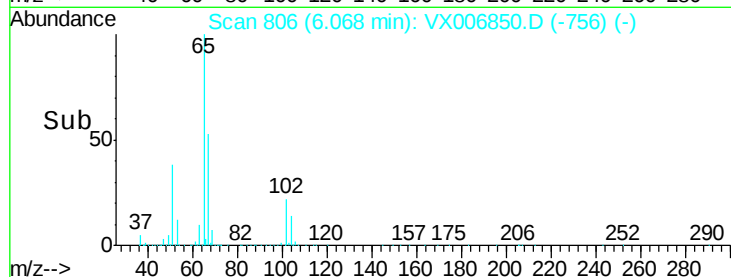
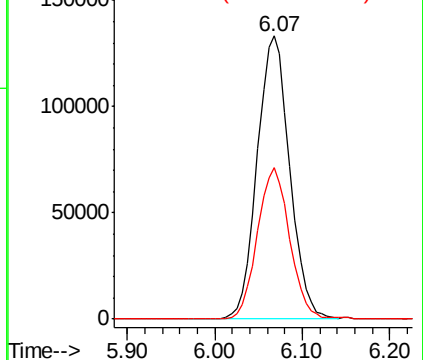
65 100

67 53.3 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

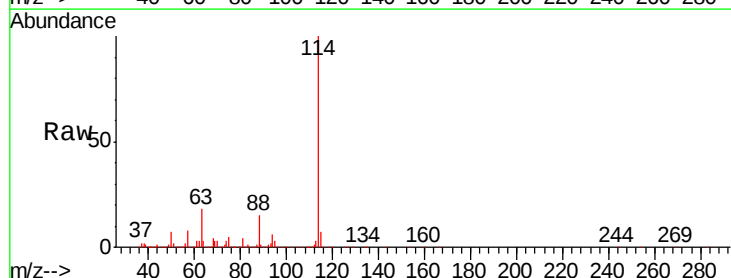
Tgt Ion: 114 Resp: 1024491

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

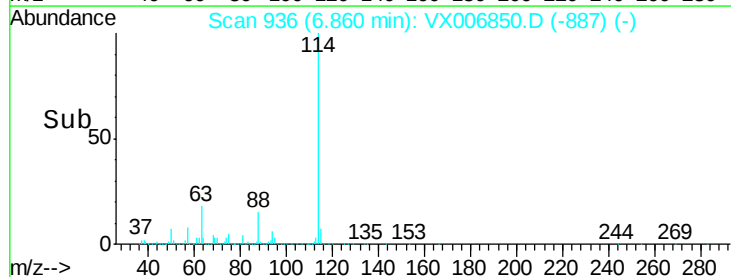
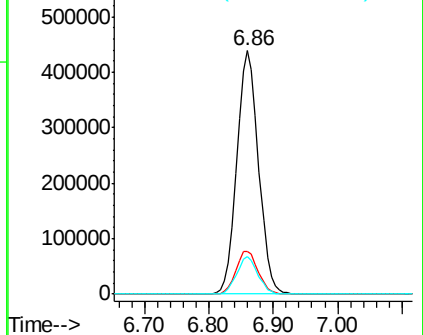
88 15.2 0.0 28.8

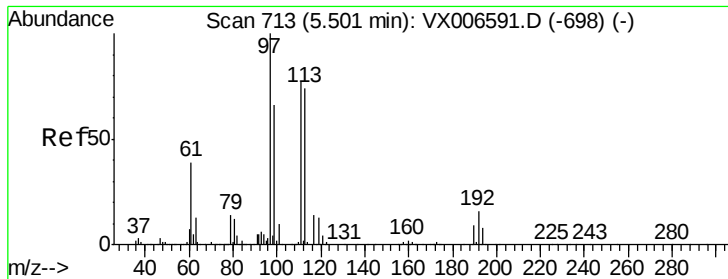


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.318 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampled :

VX1228MBL01

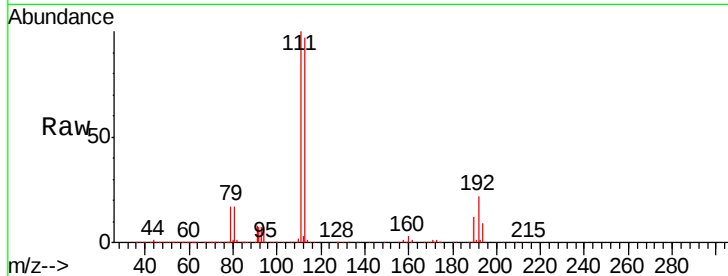
Tgt Ion:113 Resp: 306556

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

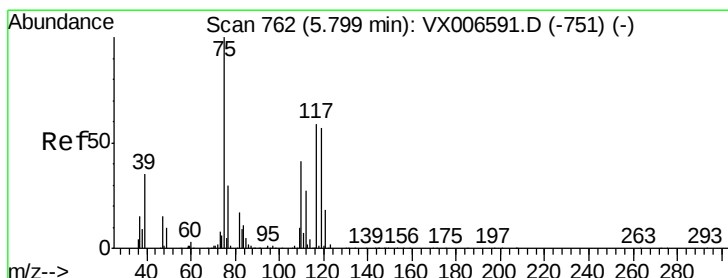
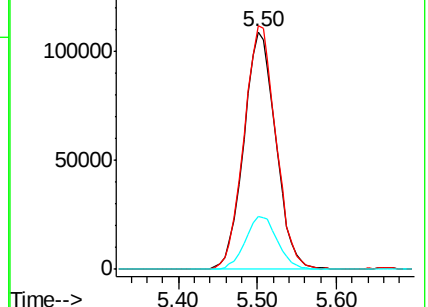
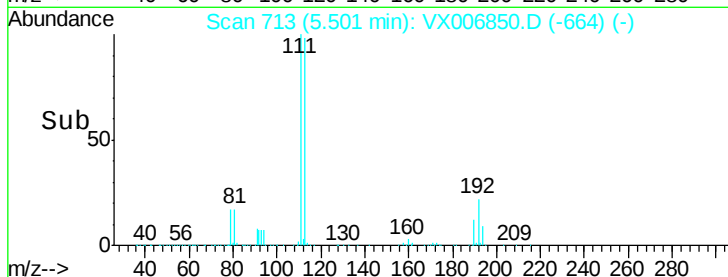
192 22.5 16.7 25.1



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: 5.189 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

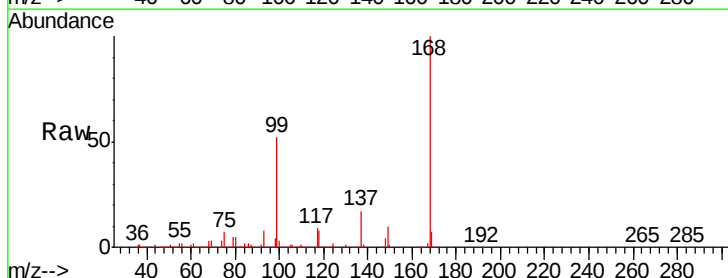
Tgt Ion: 75 Resp: 44031

Ion Ratio Lower Upper

75 100

110 5.8 20.2 60.5#

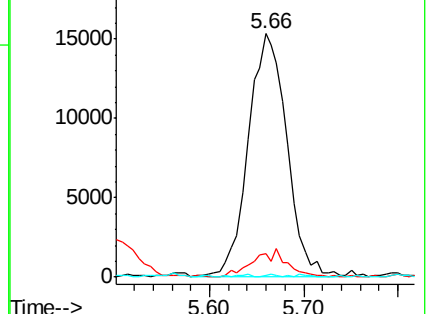
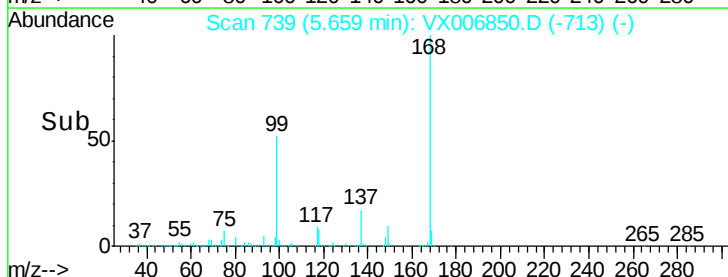
77 0.3 24.8 37.2#

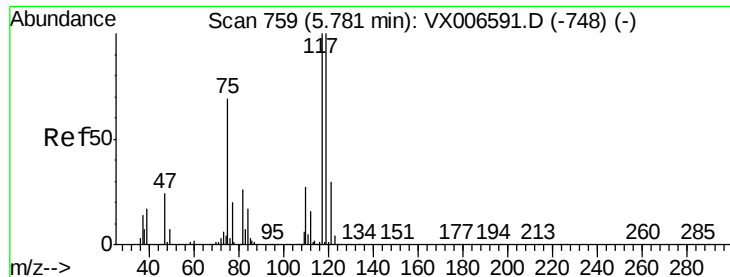


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.452 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBL01

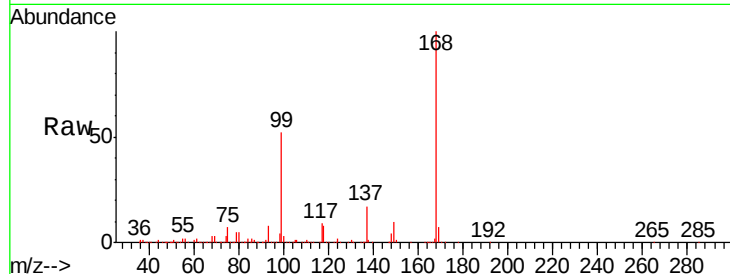
Tgt Ion: 117 Resp: 61454

Ion Ratio Lower Upper

117 100

119 3.8 79.4 119.2#

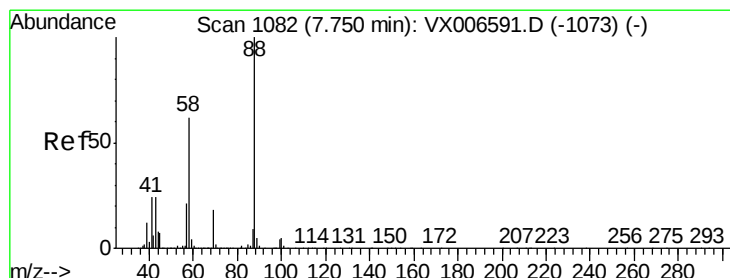
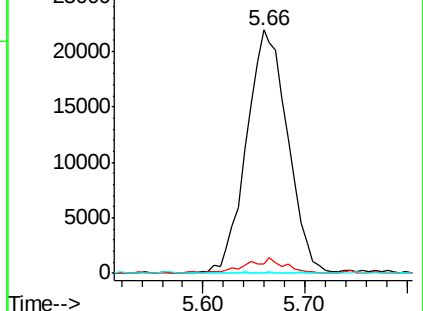
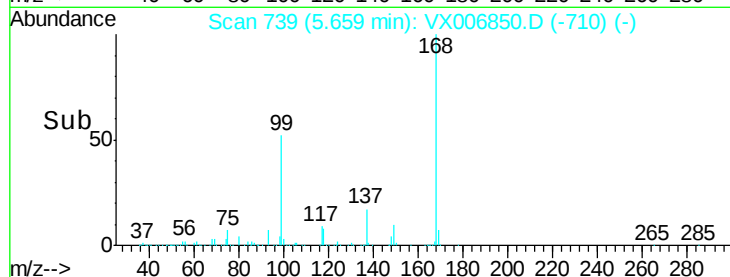
121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

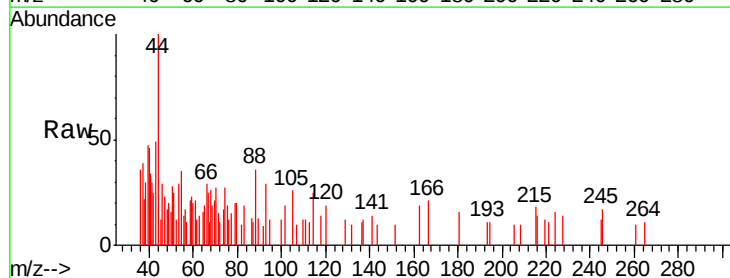
Tgt Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 153.0 22.2 33.4#

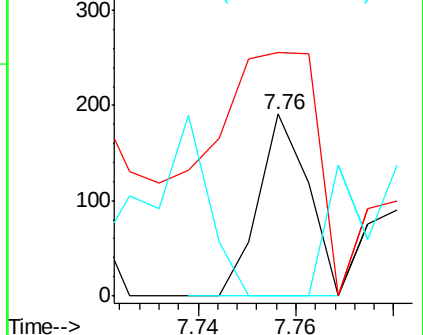
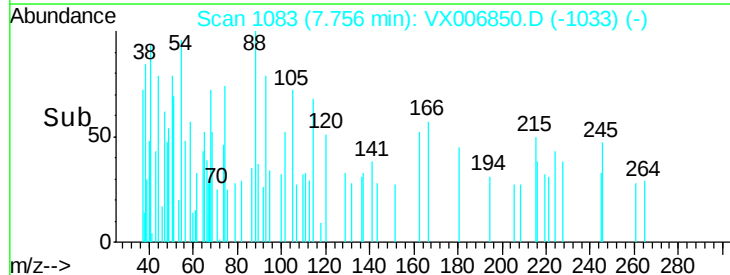
58 120.9 51.0 76.4#

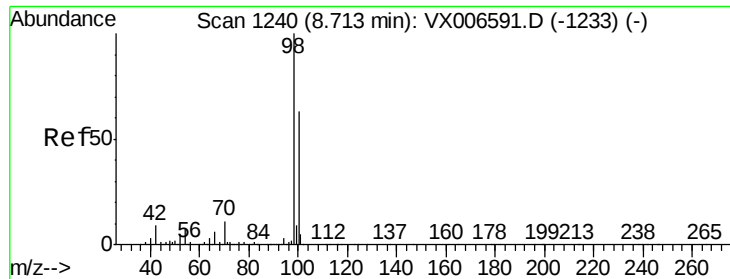


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.288 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

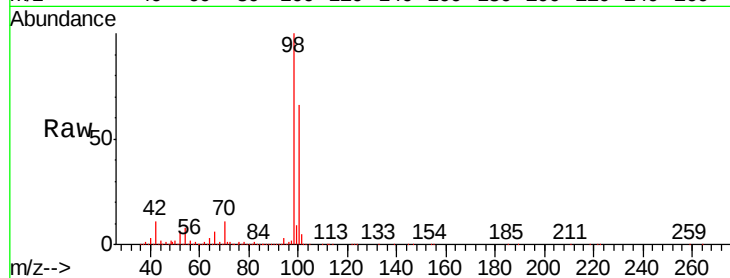
VX1228MBL01

Tgt Ion: 98 Resp: 1203864

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX006850.D (-1191) (-)

Ion 100.00 (99.70 to 100.70): VX006850.D (-1191) (-)

8.71

800000

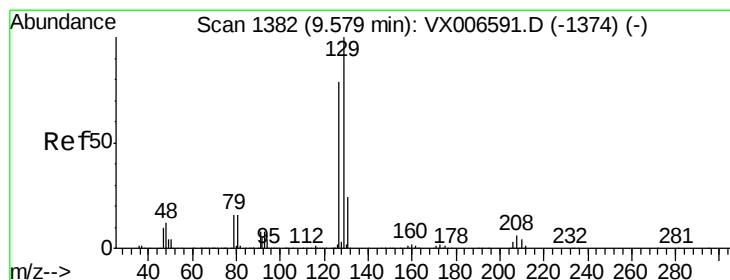
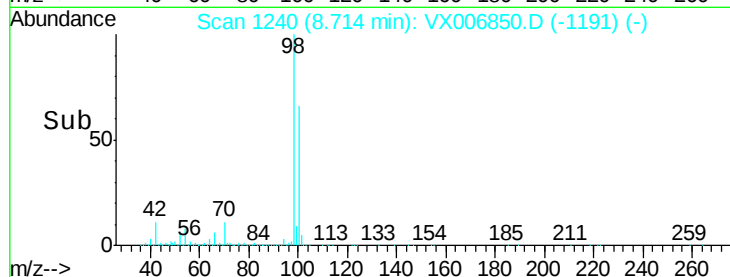
600000

400000

200000

0

Time--> 8.60 8.70 8.80



#60

Dibromochloromethane

Concen: 2.330 ug/l

RT: 9.70 min Scan# 1402

Delta R.T. 0.12 min

Lab File: VX006850.D

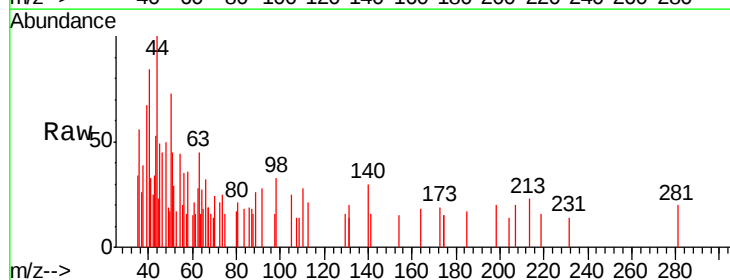
Acq: 28 Dec 2018 10:21

Tgt Ion: 129 Resp: 43

Ion Ratio Lower Upper

129 100

127 107.0 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): VX006850.D (-1333) (-)

Ion 126.80 (126.50 to 127.50): VX006850.D (-1333) (-)

9.70

100

80

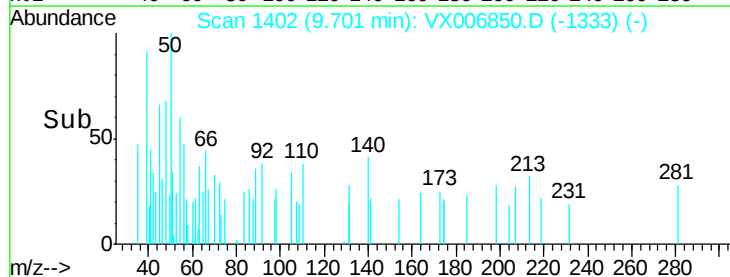
60

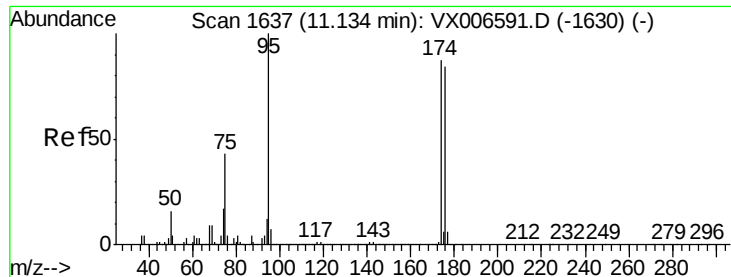
40

20

0

Time--> 9.68 9.69 9.70 9.71

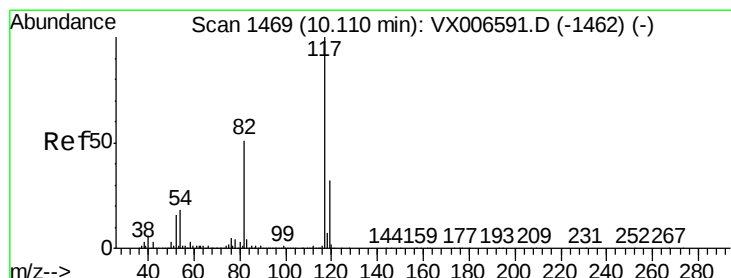
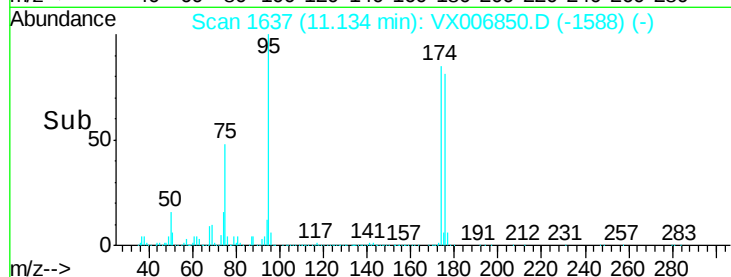
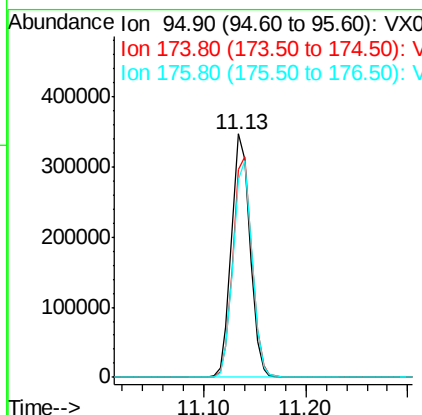
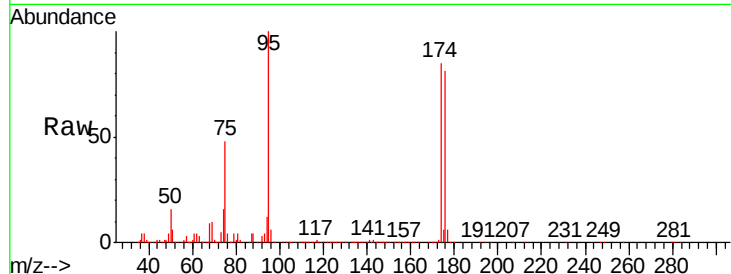




#62
4-Bromofluorobenzene
Concen: 48.668 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006850.D
Acq: 28 Dec 2018 10:21

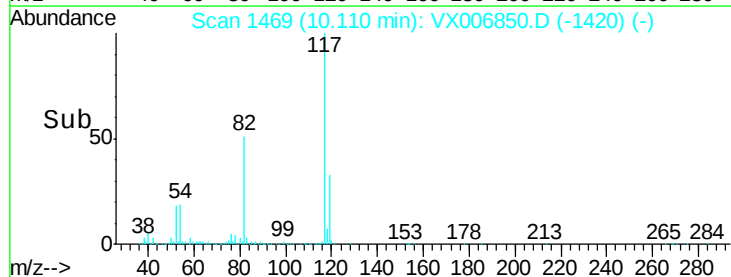
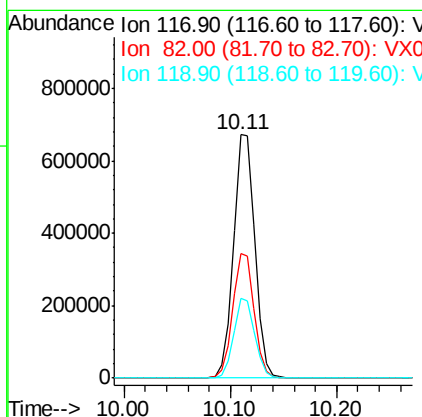
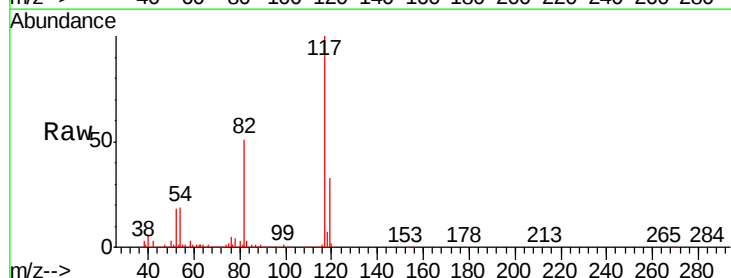
Instrument :
MSVOA_X
ClientSampleId :
VX1228MBL01

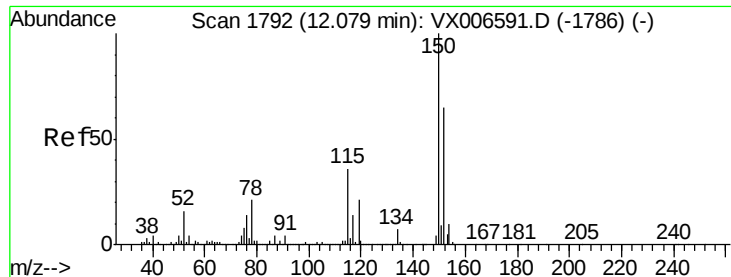
Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	182.2
176	90.0	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006850.D
Acq: 28 Dec 2018 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.0	61.6
119	32.5	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBL01

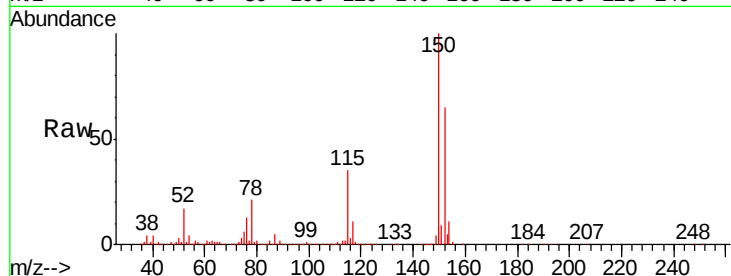
Tgt Ion: 152 Resp: 472966

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.2

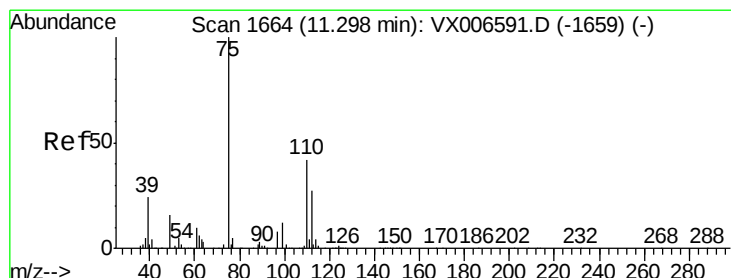
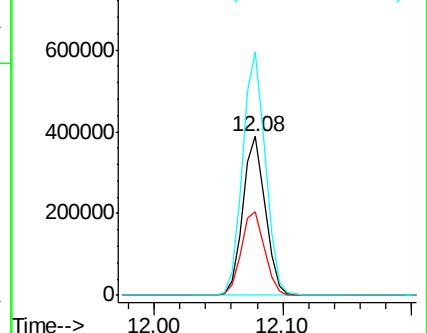
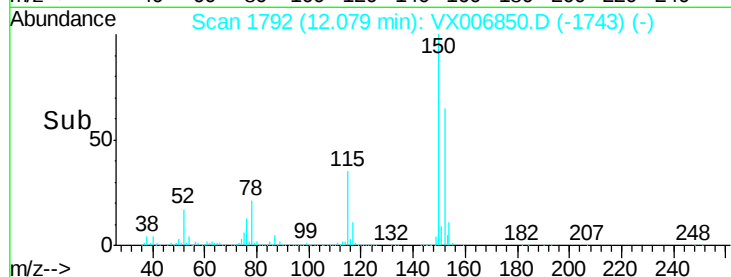
150 155.1 0.0 344.8



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: 23.423 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006850.D

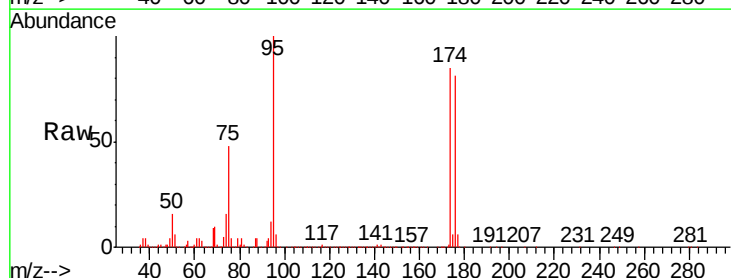
Acq: 28 Dec 2018 10:21

Tgt Ion: 75 Resp: 205877

Ion Ratio Lower Upper

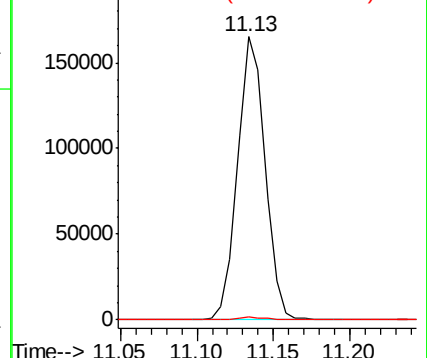
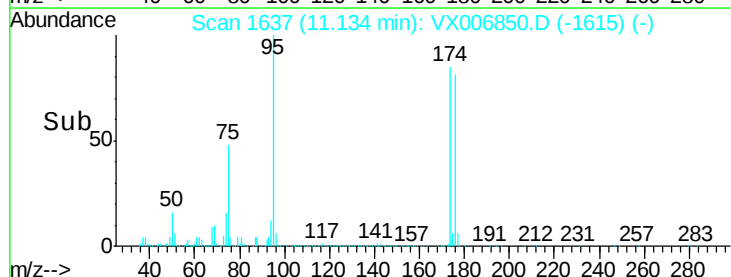
75 100

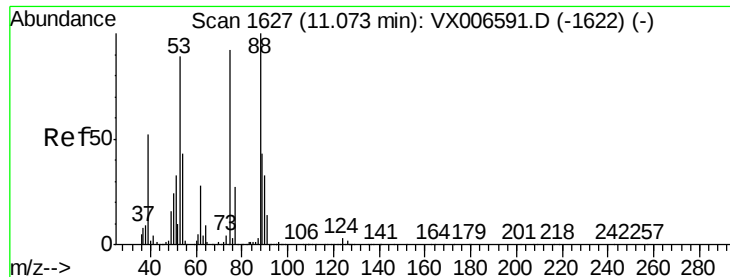
77 1.2 18.5 55.5#



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: 69.480 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006850.D

Acq: 28 Dec 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1228MBL01

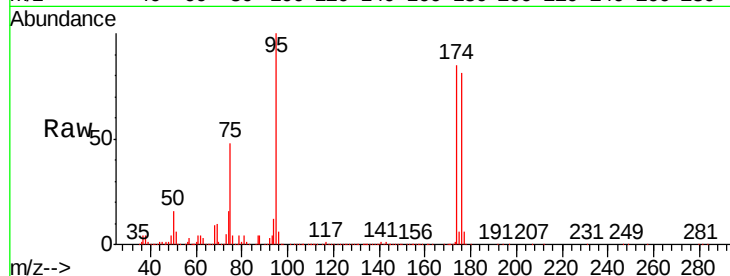
Tgt Ion: 75 Resp: 205877

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

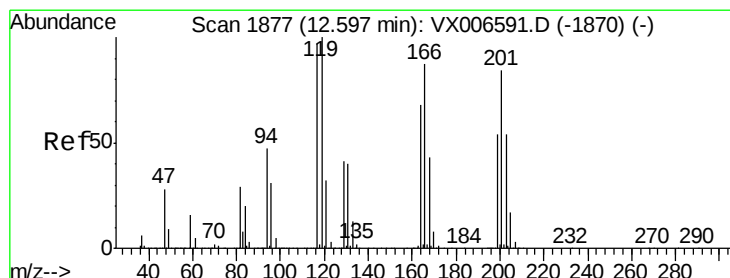
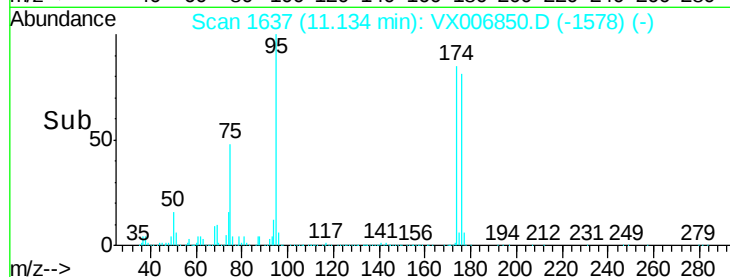
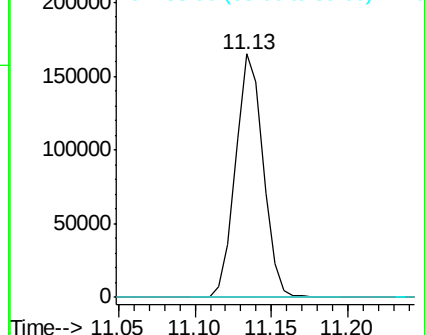
89 0.0 38.0 57.0#



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



#90

Hexachloroethane

Concen: 3.300 ug/l

RT: 12.65 min Scan# 1885

Delta R.T. 0.05 min

Lab File: VX006850.D

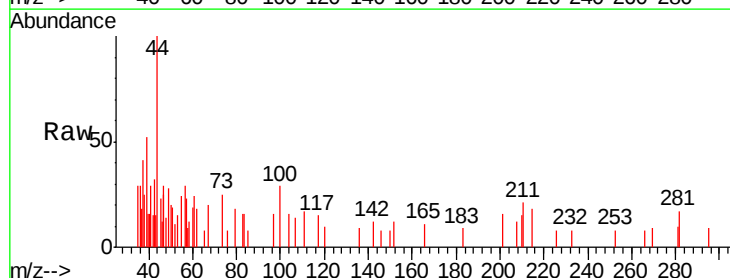
Acq: 28 Dec 2018 10:21

Tgt Ion: 117 Resp: 34

Ion Ratio Lower Upper

117 100

201 102.9 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

