

Data File : VX001583.D
Acq On : 10 May 2018 04:14
Operator : JC/MD
Sample : J2649-06
Misc : 5.61g/5mL/100ul/5mL/MSVOA_X/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-3

Quant Time: May 10 05:35:28 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158513	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	5.51	113	118967	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
50) Toluene-d8	8.72	98	462257	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	11.15	95	159406	38.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.26%	

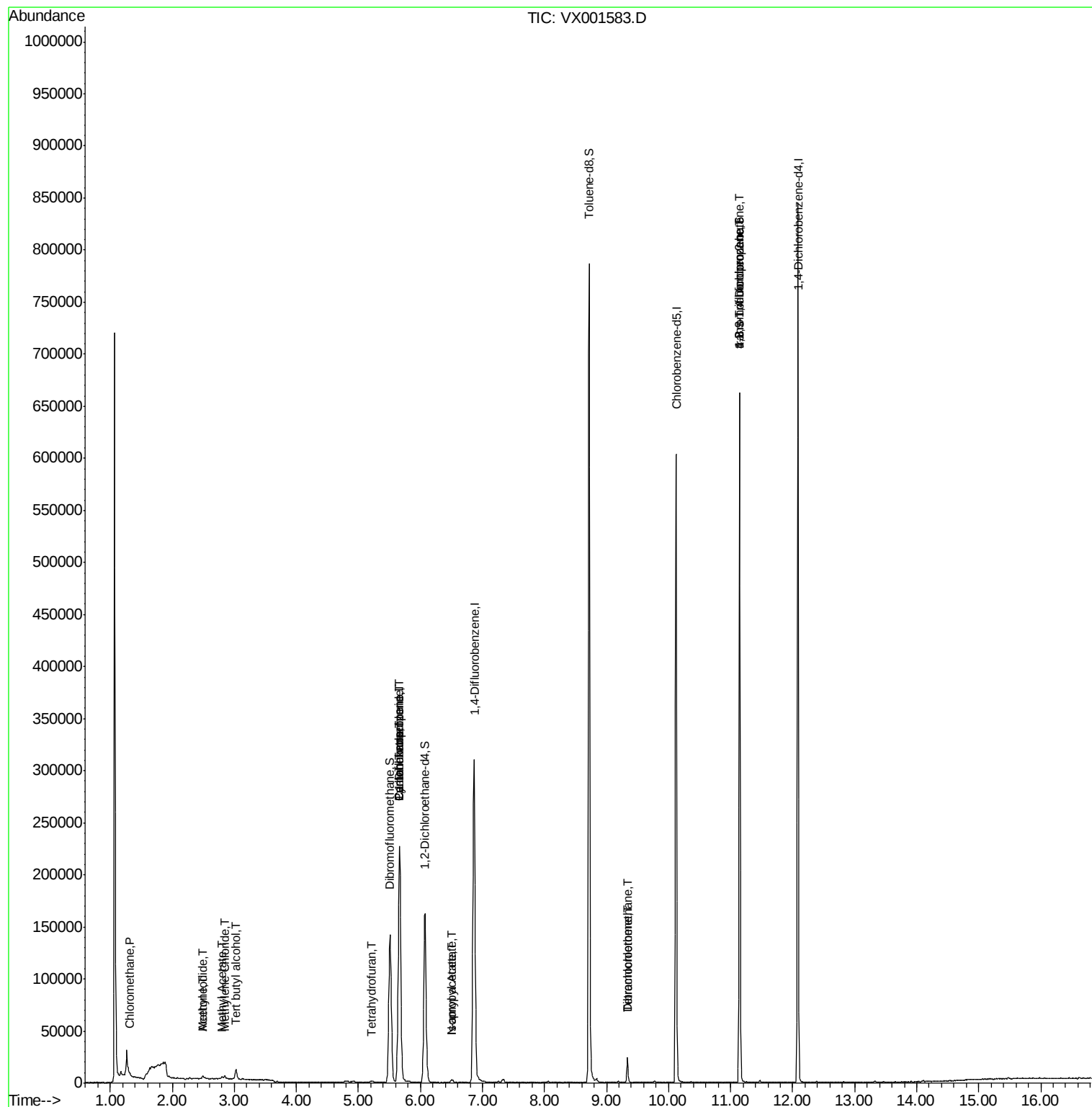
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	737	0.23	ug/l	94
5) Bromomethane	1.64	94	1433	Below	Cal	90
10) Methyl Iodide	2.49	142	2043	0.49	ug/l #	96
11) Tert butyl alcohol	3.02	59	5523	7.60	ug/l #	74
13) Acrolein	2.31	56	44	Below	Cal #	1
16) Acetone	2.49	43	1430	0.91	ug/l #	89
18) Methyl Acetate	2.80	43	2644	0.64	ug/l	100
20) Methylene Chloride	2.84	84	1435	0.46	ug/l	88
29) Tetrahydrofuran	5.21	42	1555	1.07	ug/l #	89
31) Cyclohexane	5.66	56	4292	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15429	3.66	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21063	4.69	ug/l #	17
43) Isopropyl Acetate	6.51	43	1743	0.25	ug/l #	61
60) Dibromochloromethane	9.34	129	4275	1.29	ug/l #	11
64) Tetrachloroethene	9.34	164	5235	1.25	ug/l	95
74) N-amyl acetate	6.51	43	1743	0.31	ug/l #	58
76) 1,2,3-Trichloropropane	11.15	75	79384	22.00	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.15	75	79384	68.42	ug/l #	7

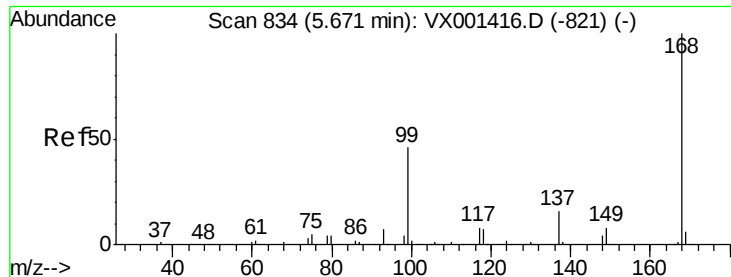
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampled :

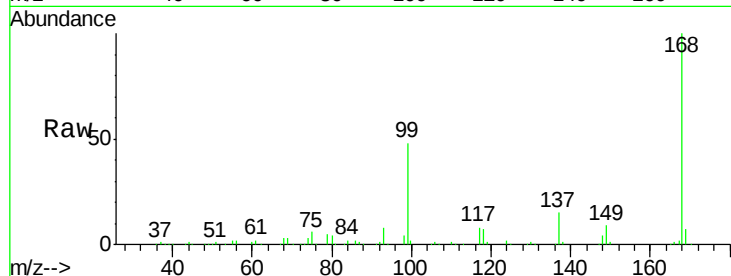
SB-3

Tgt Ion: 168 Resp: 239756

Ion Ratio Lower Upper

168 100

99 47.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

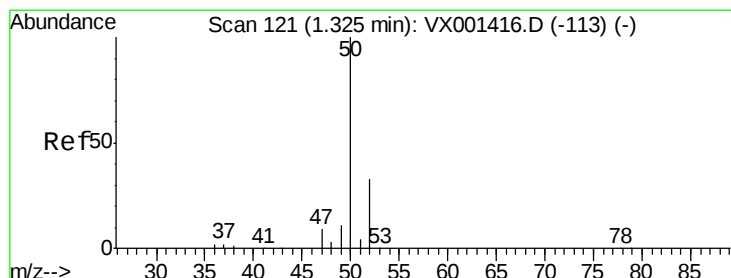
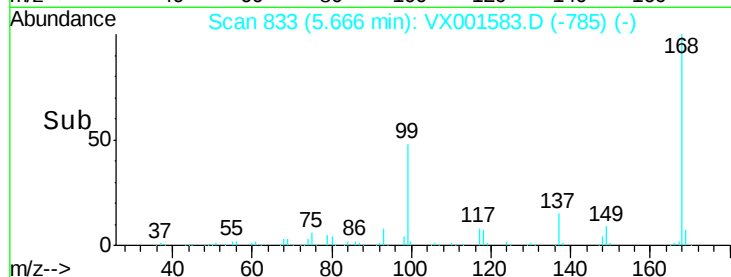
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX001583.D

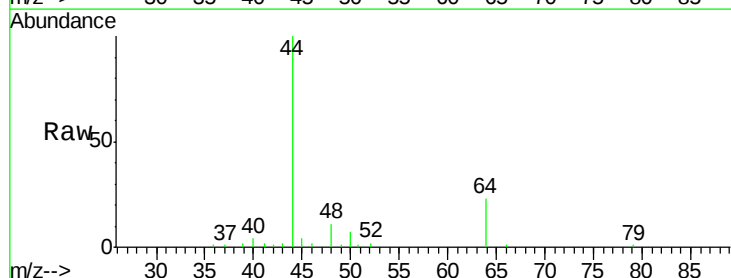
Acq: 10 May 2018 04:14

Tgt Ion: 50 Resp: 737

Ion Ratio Lower Upper

50 100

52 36.3 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

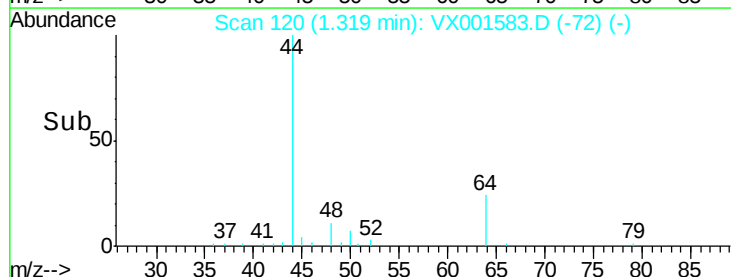
300

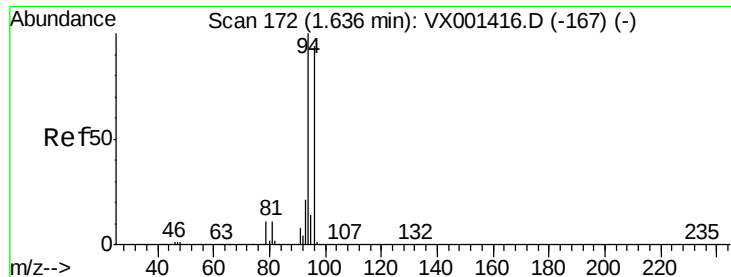
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

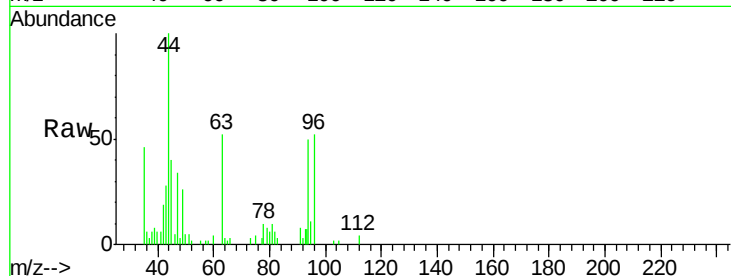
SB-3

Tgt Ion: 94 Resp: 1433

Ion Ratio Lower Upper

94 100

96 103.6 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX001416.D (-167) (-)

Ion 95.90 (95.60 to 96.60): VX001416.D (-167) (-)

1500

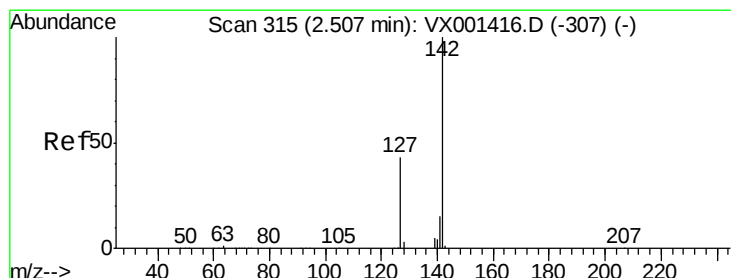
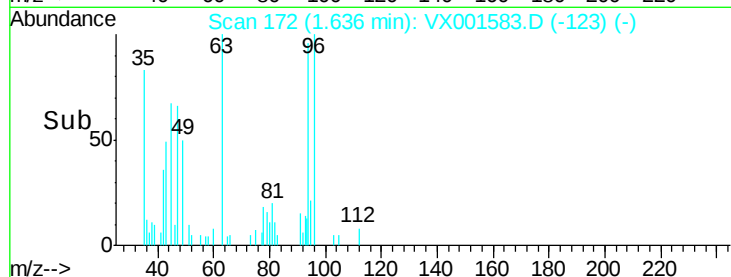
1000

500

0

1.60 1.65

Time-->



#10

Methyl Iodide

Concen: 0.49 ug/l

RT: 2.49 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

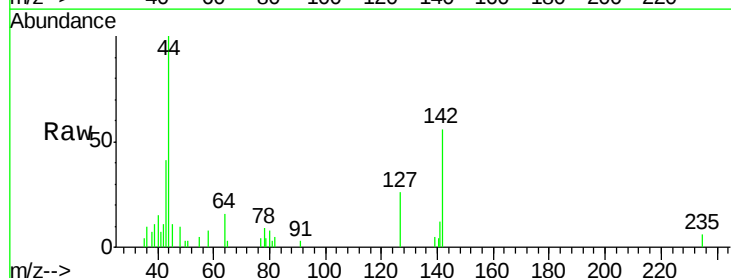
Tgt Ion: 142 Resp: 2043

Ion Ratio Lower Upper

142 100

127 43.0 33.6 50.4

141 19.1 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): VX001416.D (-307) (-)

Ion 126.80 (126.50 to 127.50): VX001416.D (-307) (-)

Ion 140.80 (140.50 to 141.50): VX001416.D (-307) (-)

1200

1000

800

600

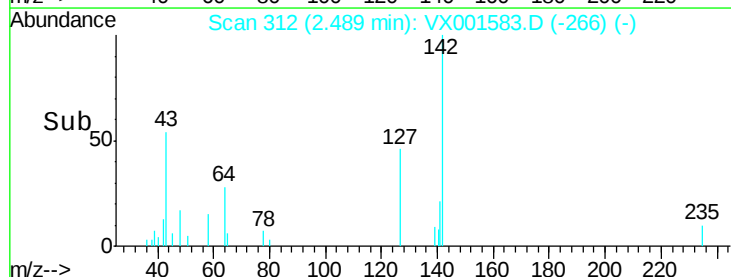
400

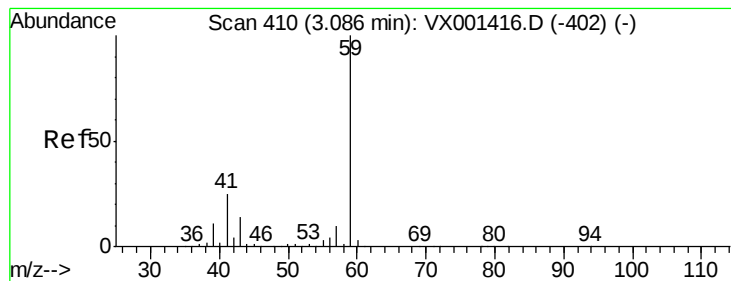
200

0

2.45 2.50 2.55

Time-->



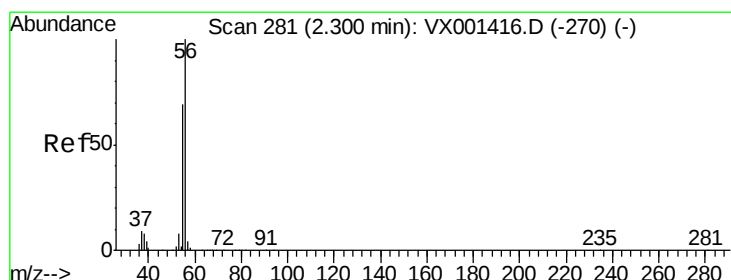
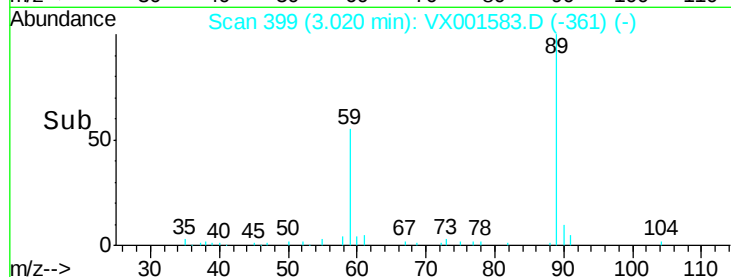
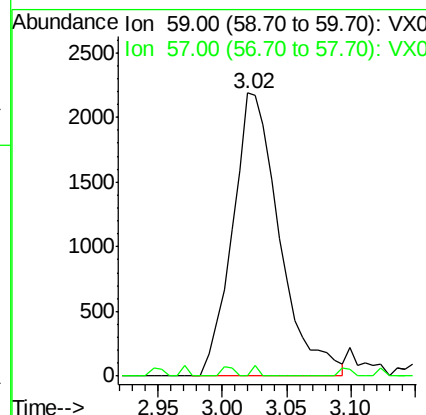
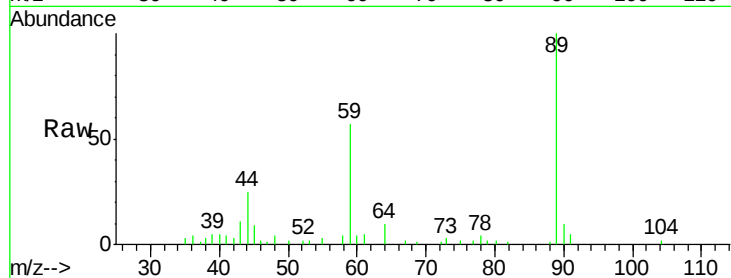


#11

Tert butyl alcohol
 Concen: 7.60 ug/l
 RT: 3.02 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: VX001583.D
 Acq: 10 May 2018 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3

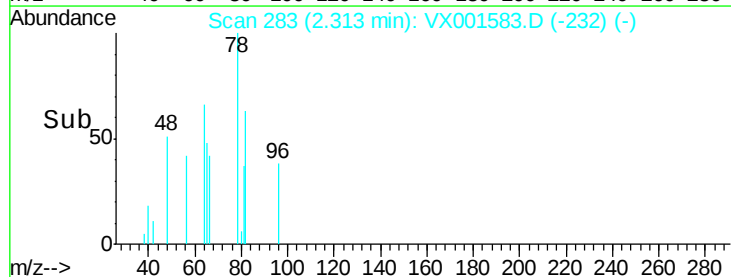
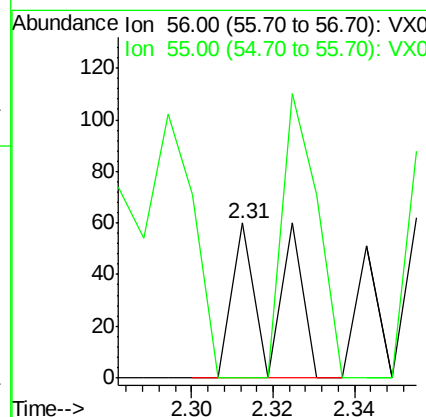
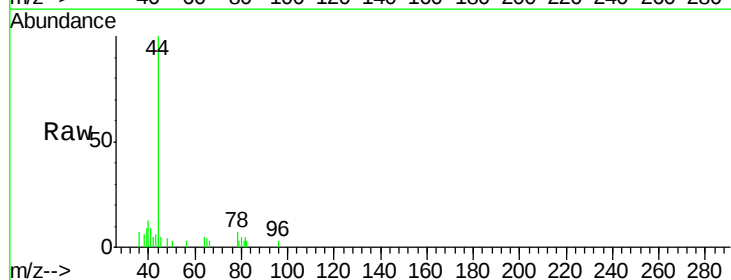
Tgt Ion: 59 Resp: 5523
 Ion Ratio Lower Upper
 59 100
 57 0.6 8.2 12.4#

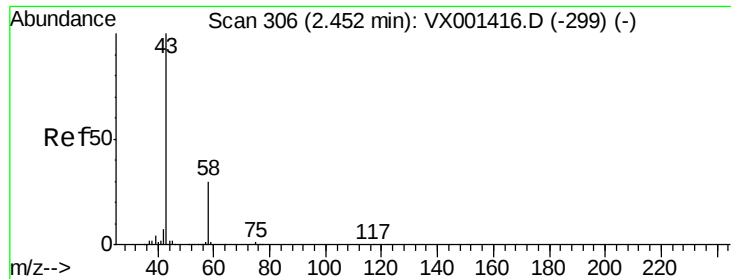


#13

Acrolein
 Concen: Below Cal
 RT: 2.31 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: VX001583.D
 Acq: 10 May 2018 04:14

Tgt Ion: 56 Resp: 44
 Ion Ratio Lower Upper
 56 100
 55 150.0 54.5 81.7#





#16

Acetone

Concen: 0.91 ug/l

RT: 2.49 min Scan# 312

Delta R.T. 0.04 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

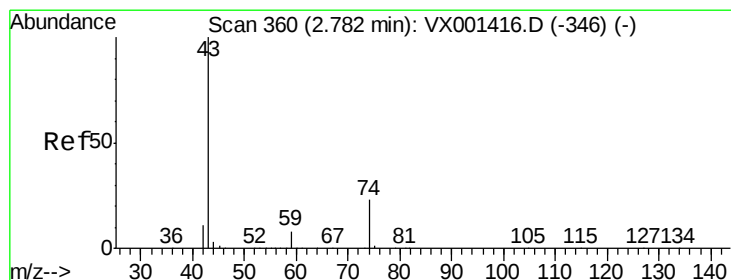
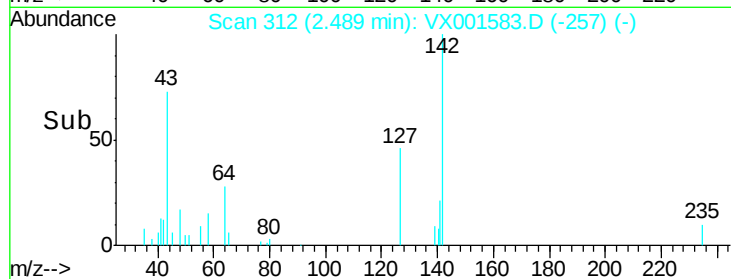
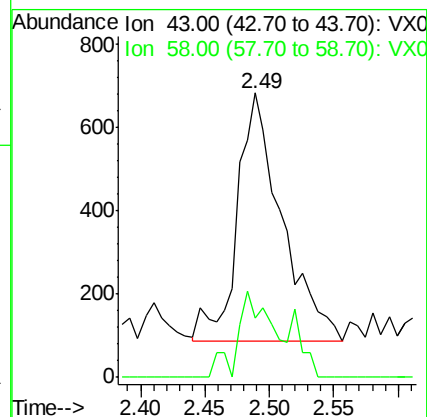
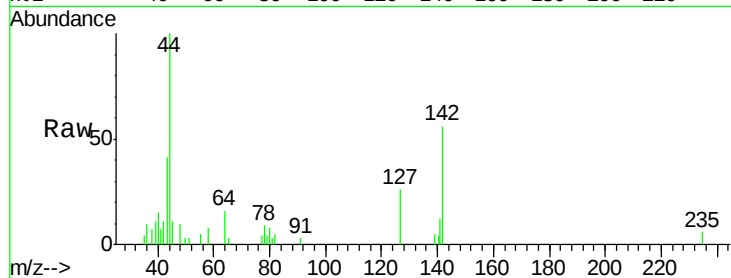
SB-3

Tgt Ion: 43 Resp: 1430

Ion Ratio Lower Upper

43 100

58 23.7 23.8 35.8#



#18

Methyl Acetate

Concen: 0.64 ug/l

RT: 2.80 min Scan# 363

Delta R.T. 0.02 min

Lab File: VX001583.D

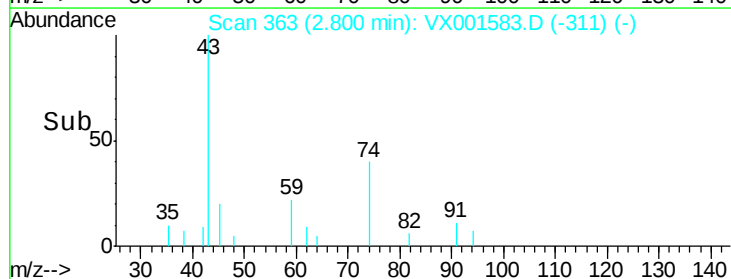
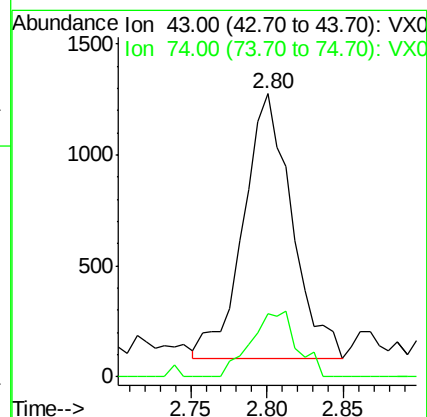
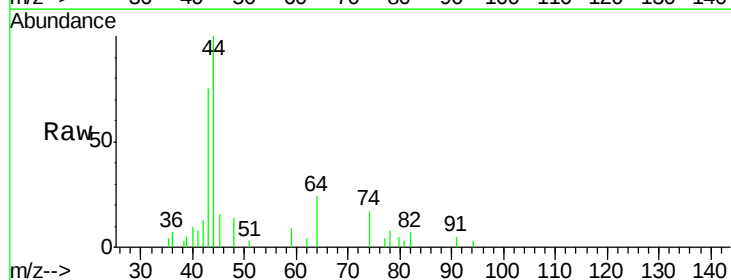
Acq: 10 May 2018 04:14

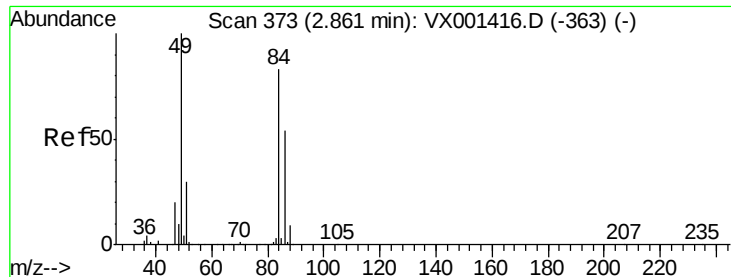
Tgt Ion: 43 Resp: 2644

Ion Ratio Lower Upper

43 100

74 23.3 18.6 27.8

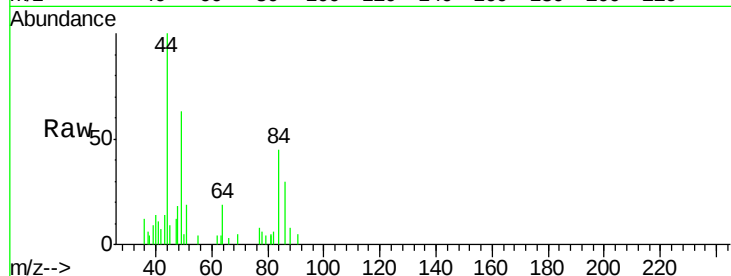




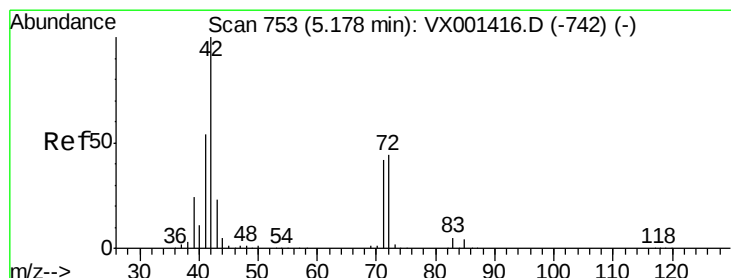
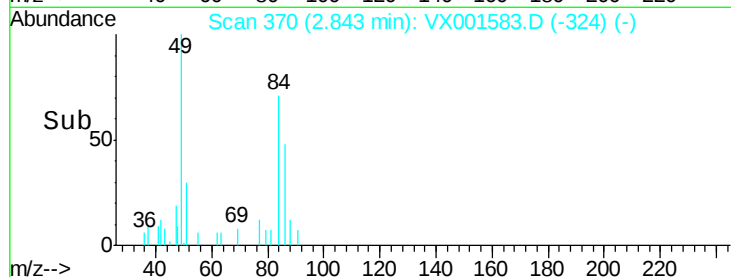
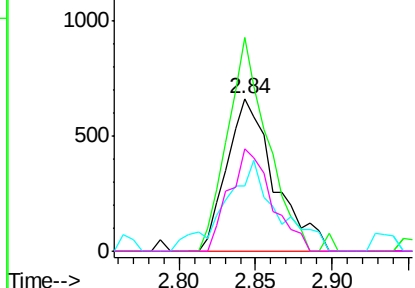
#20
Methylene Chloride
Concen: 0.46 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX001583.D
Acq: 10 May 2018 04:14

Instrument :
MSVOA_X
ClientSampled :
SB-3

Tgt Ion:	84	Resp:	1435
Ion	Ratio	Lower	Upper
84	100		
49	140.0	96.6	144.8
51	42.7	29.0	43.4
86	67.1	52.2	78.4

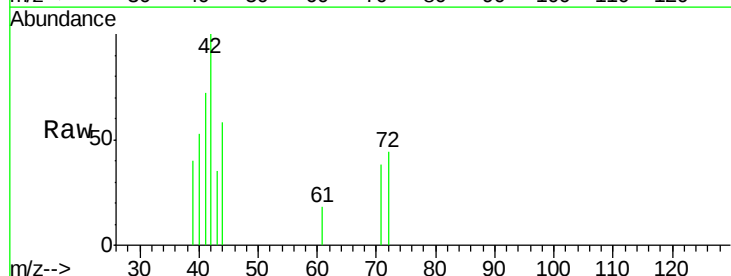


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

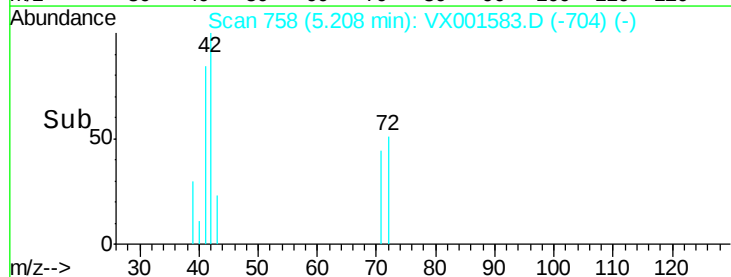
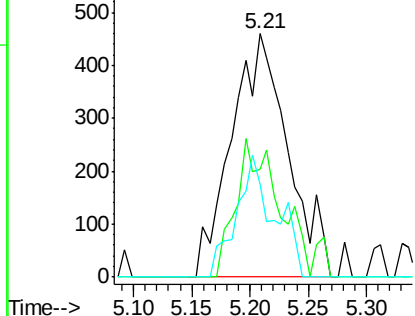


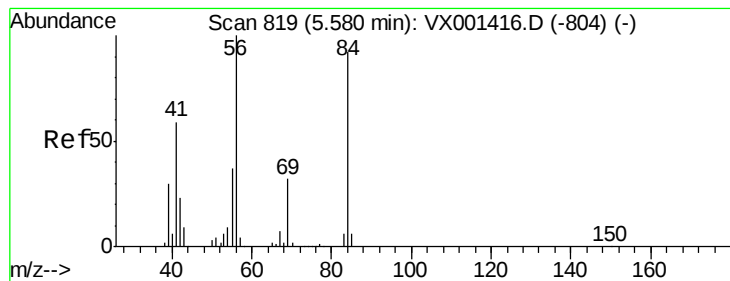
#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 5.21 min Scan# 758
Delta R.T. 0.03 min
Lab File: VX001583.D
Acq: 10 May 2018 04:14

Tgt Ion:	42	Resp:	1555
Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.4	53.2
71	28.6	33.0	49.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.97 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampled :

SB-3

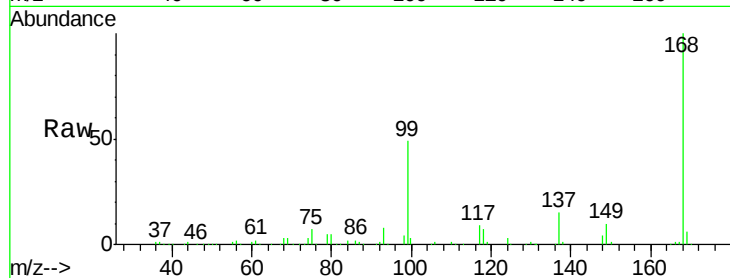
Tgt Ion: 56 Resp: 4292

Ion Ratio Lower Upper

56 100

69 187.0 25.4 38.0#

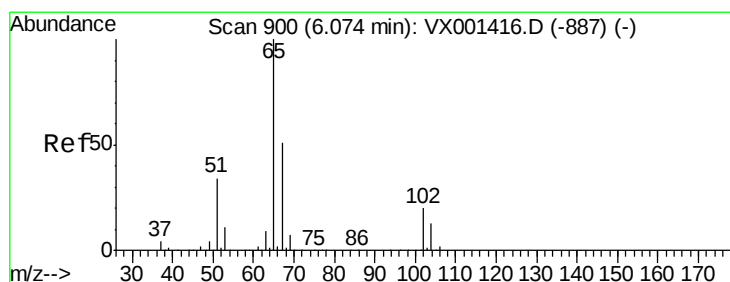
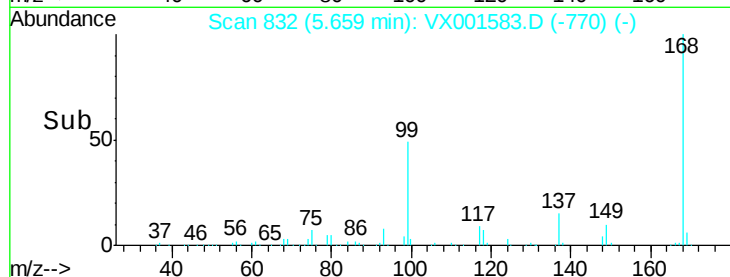
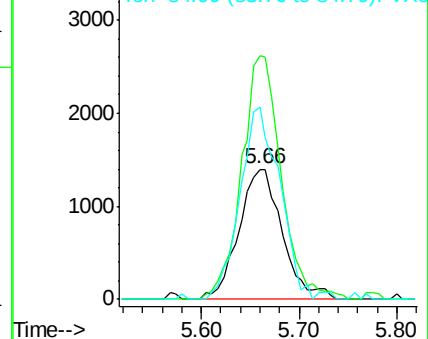
84 147.6 73.8 110.8#



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: 46.00 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001583.D

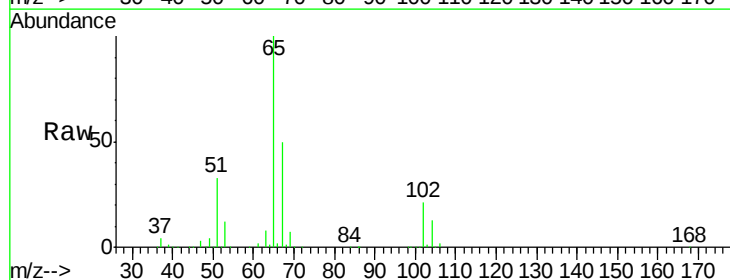
Acq: 10 May 2018 04:14

Tgt Ion: 65 Resp: 158513

Ion Ratio Lower Upper

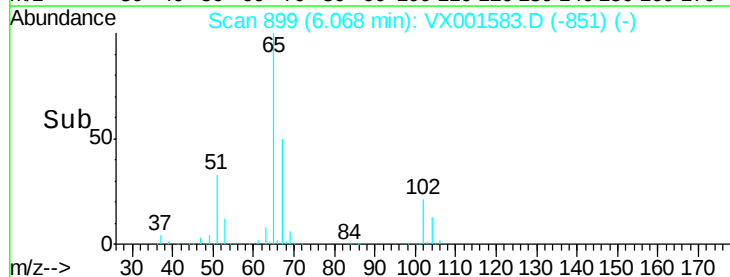
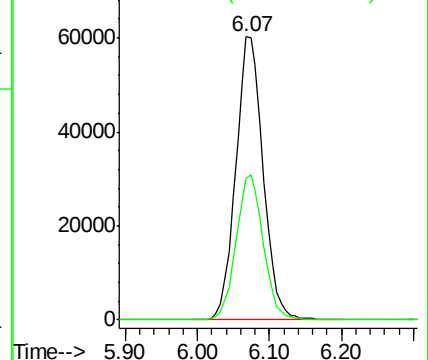
65 100

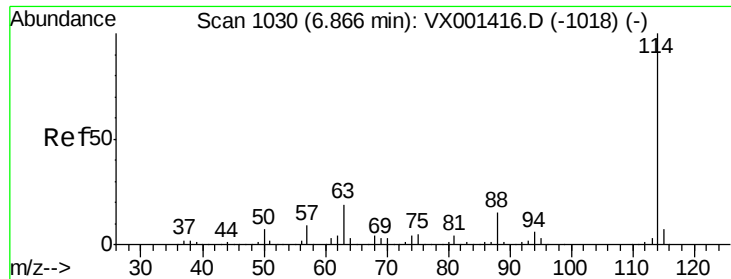
67 50.8 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

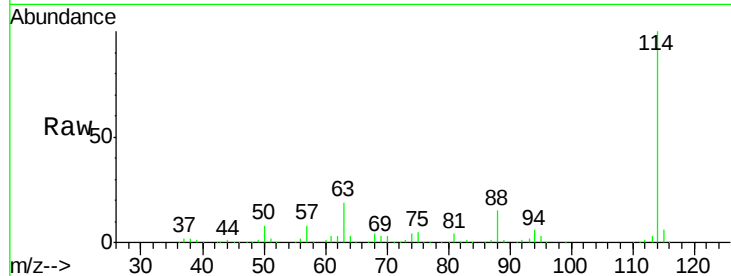




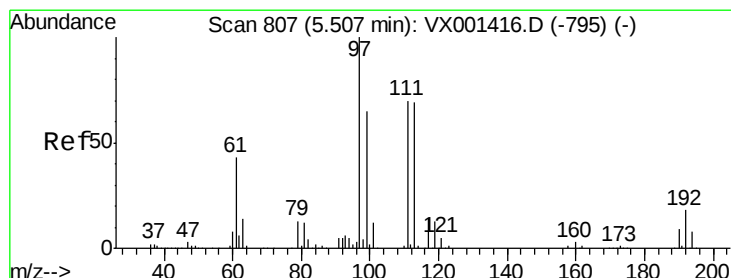
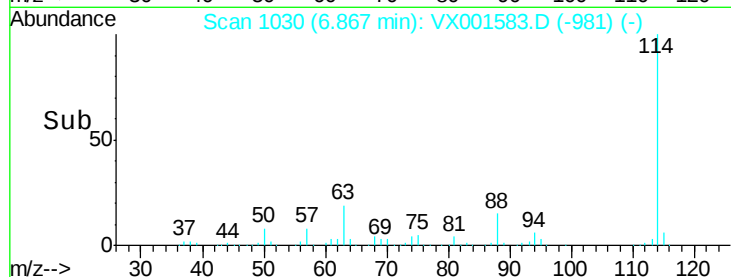
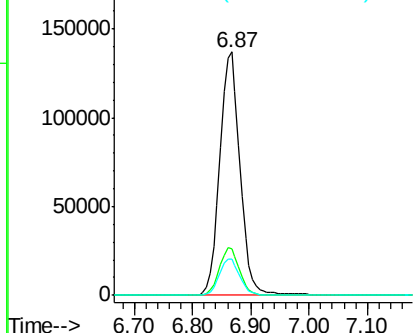
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001583.D
 Acq: 10 May 2018 04:14

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3

Tgt Ion:114 Resp: 331116
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 14.9 0.0 30.8

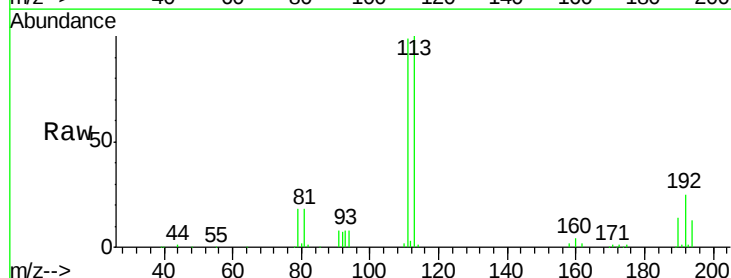


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

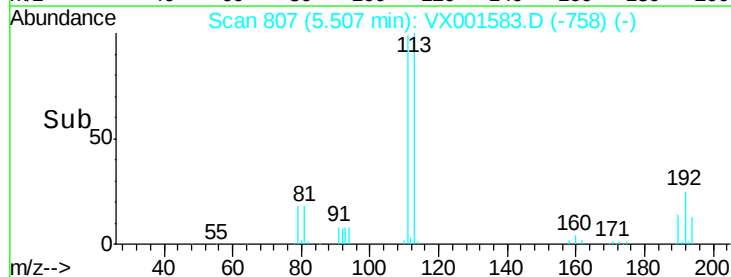
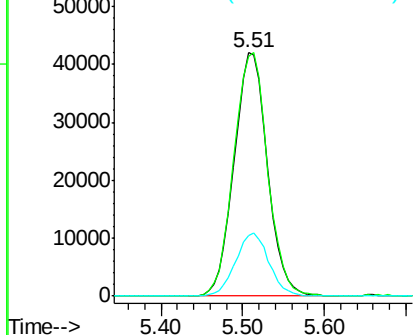


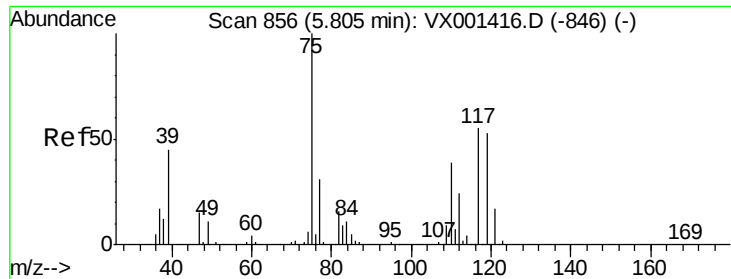
#35
 Dibromofluoromethane
 Concen: 40.39 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001583.D
 Acq: 10 May 2018 04:14

Tgt Ion:113 Resp: 118967
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 26.0 21.4 32.0



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

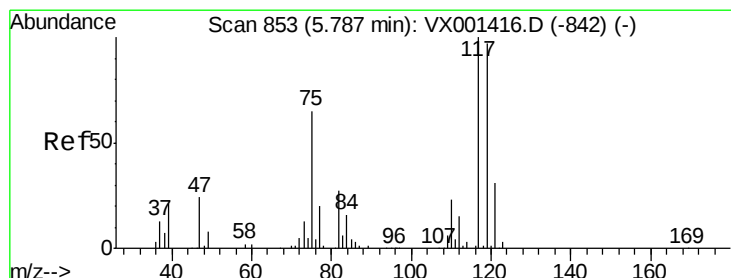
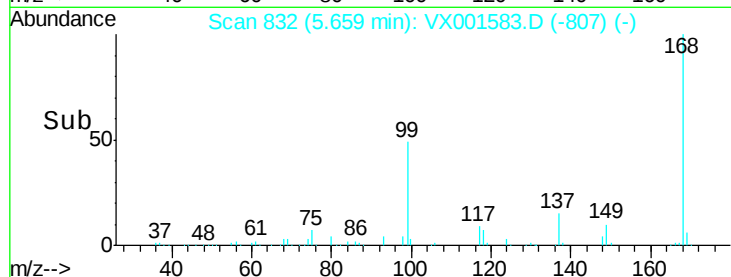
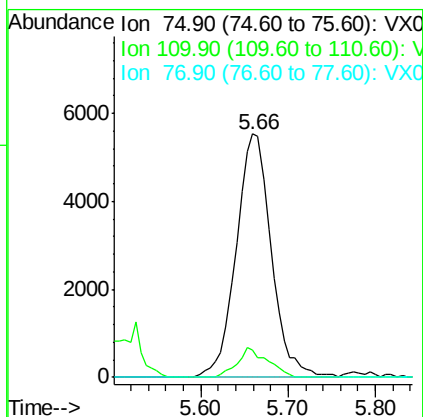
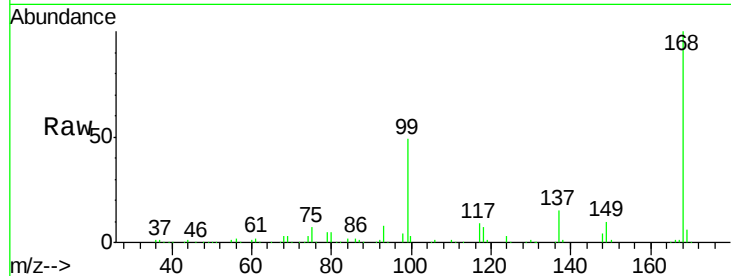




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX001583.D
 Acq: 10 May 2018 04:14

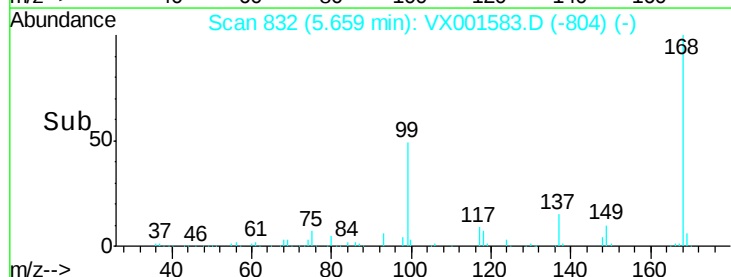
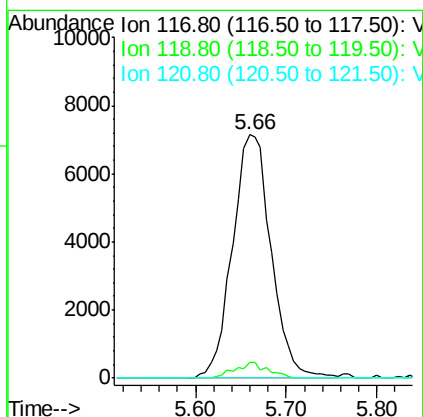
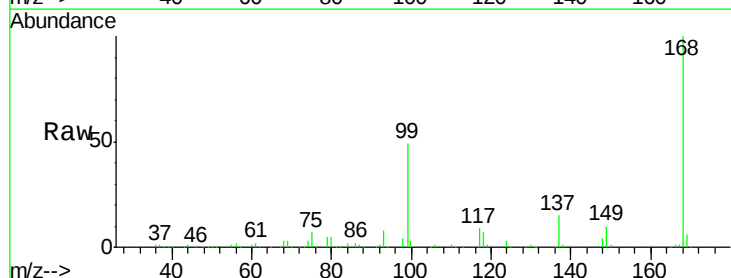
Instrument :
 MSVOA_X
 ClientSampled :
 SB-3

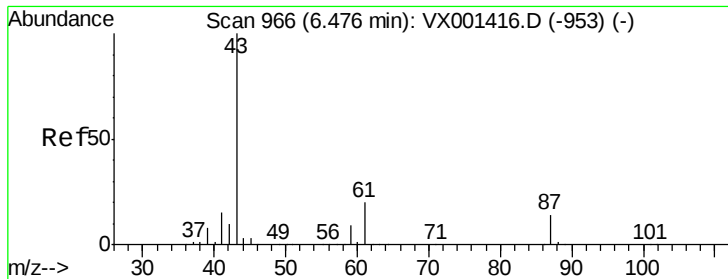
Tgt Ion: 75 Resp: 15429
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.69 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX001583.D
 Acq: 10 May 2018 04:14

Tgt Ion: 117 Resp: 21063
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.0 115.6#
 121 0.0 25.1 37.7#





#43

Isopropyl Acetate

Concen: 0.25 ug/l

RT: 6.51 min Scan# 971

Delta R.T. 0.03 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampled :

SB-3

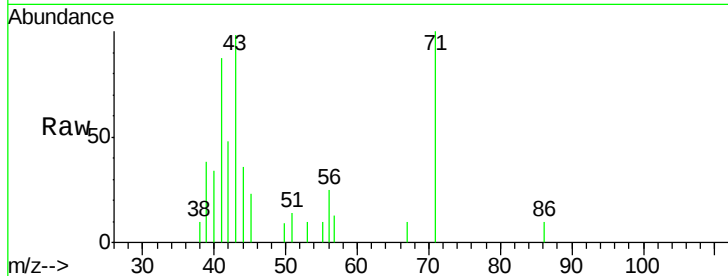
Tgt Ion: 43 Resp: 1743

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

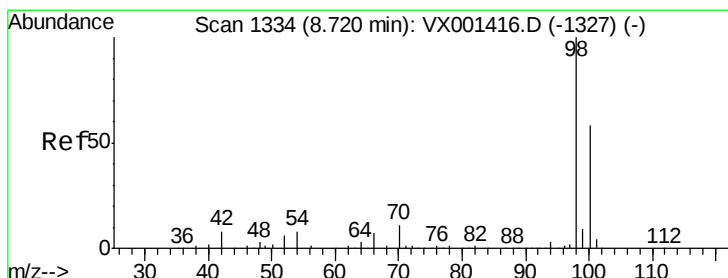
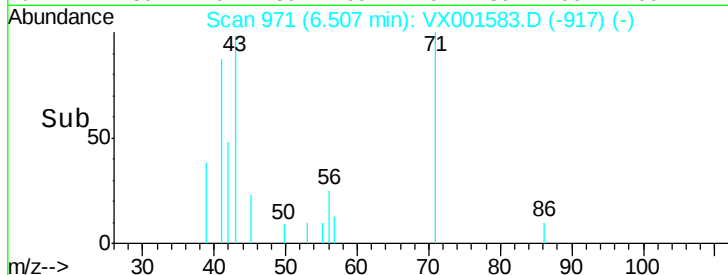
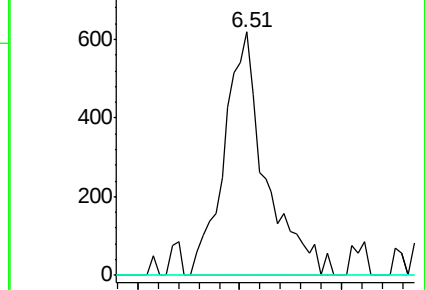
87 0.0 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 43.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001583.D

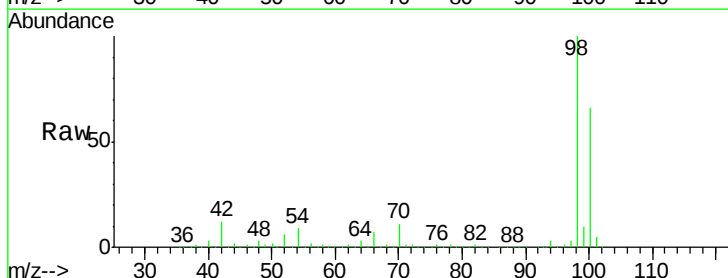
Acq: 10 May 2018 04:14

Tgt Ion: 98 Resp: 462257

Ion Ratio Lower Upper

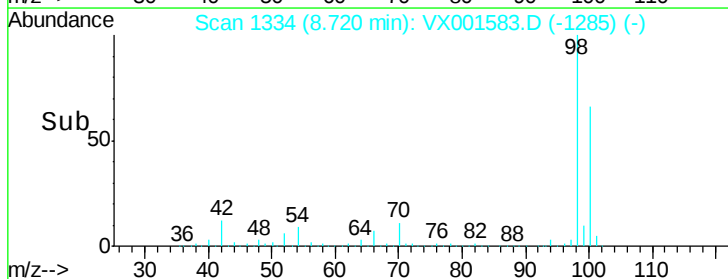
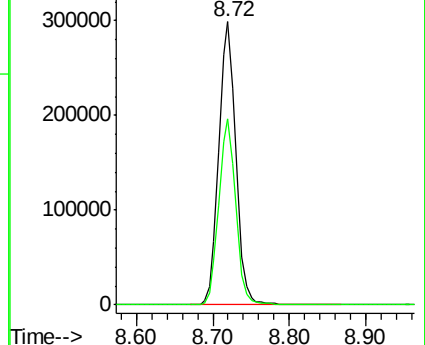
98 100

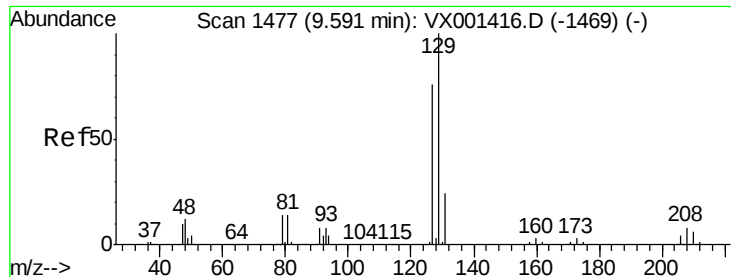
100 65.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#60

Dibromochloromethane

Concen: 1.29 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

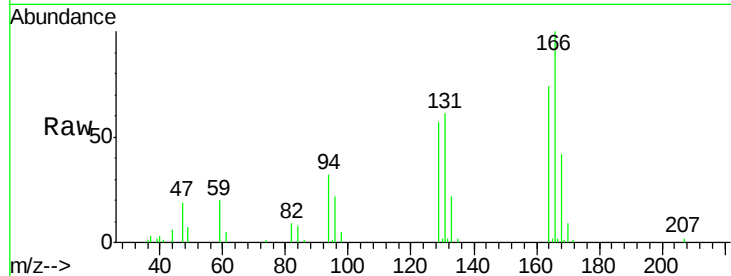
Instrument :
MSVOA_X
ClientSampled :
SB-3

Tgt Ion:129 Resp: 4275

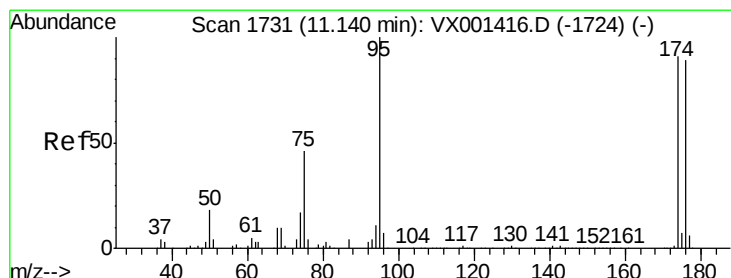
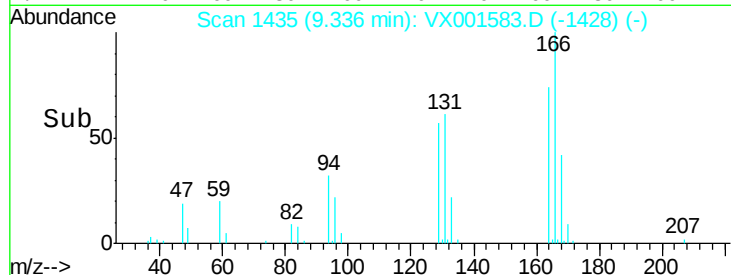
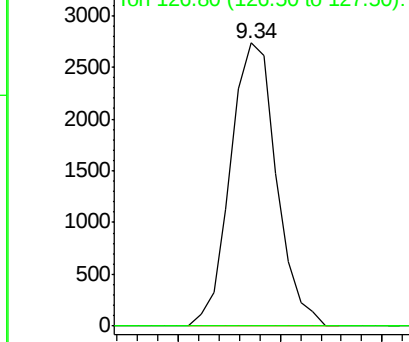
Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 38.63 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

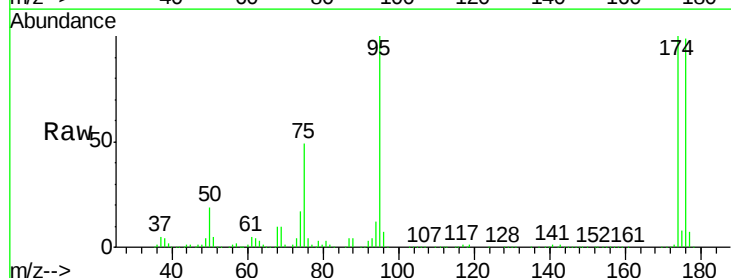
Tgt Ion: 95 Resp: 159406

Ion Ratio Lower Upper

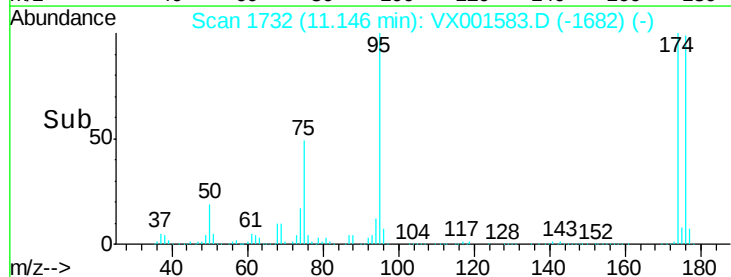
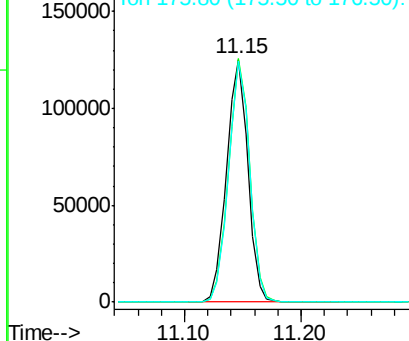
95 100

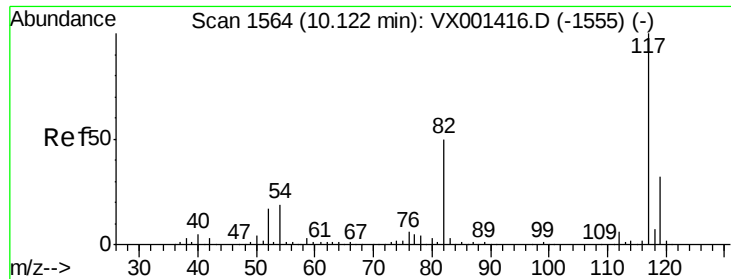
174 100.0 0.0 202.0

176 98.8 0.0 197.4



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

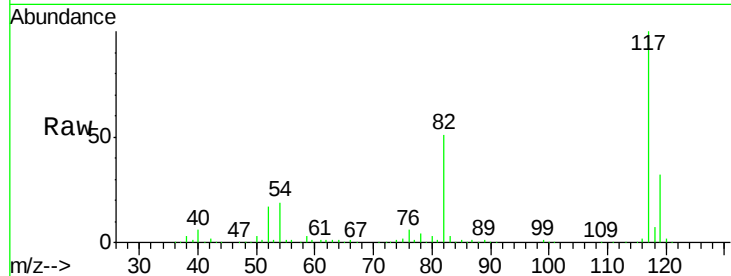




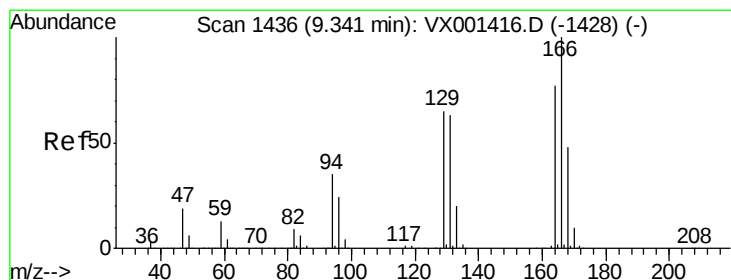
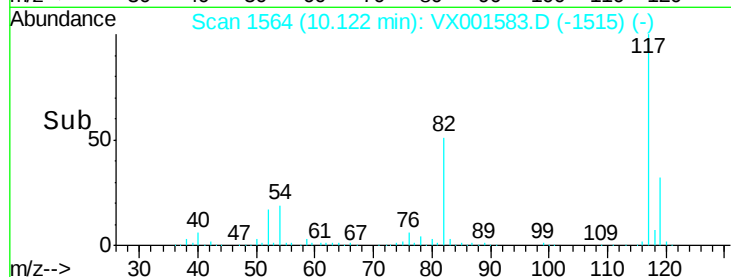
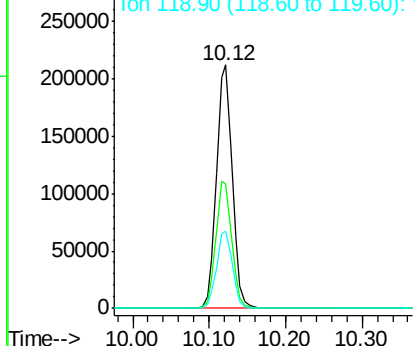
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001583.D
Acq: 10 May 2018 04:14

Instrument :
MSVOA_X
ClientSampled :
SB-3

Tgt Ion:117 Resp: 301223
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 31.9 25.8 38.8

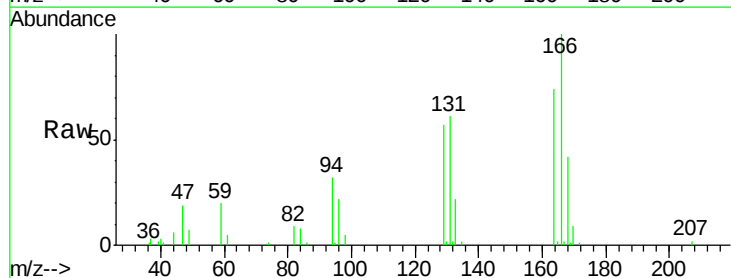


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

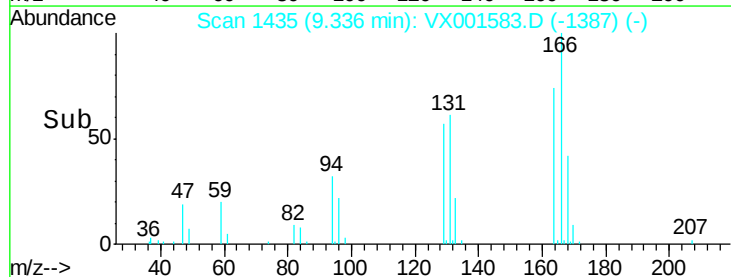
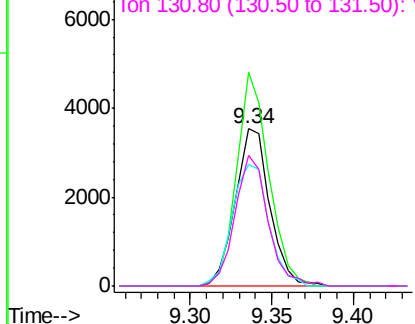


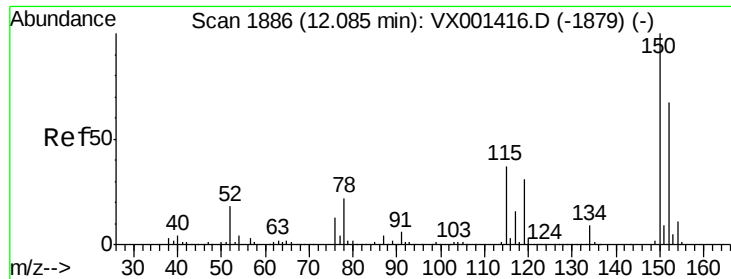
#64
Tetrachloroethene
Concen: 1.25 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001583.D
Acq: 10 May 2018 04:14

Tgt Ion:164 Resp: 5235
Ion Ratio Lower Upper
164 100
166 135.8 103.5 155.3
129 77.2 66.7 100.1
131 82.7 64.9 97.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

SB-3

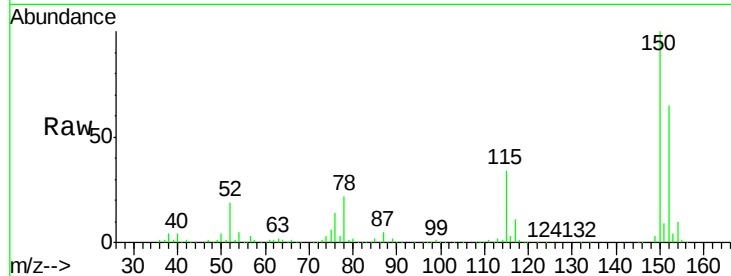
Tgt Ion:152 Resp: 177906

Ion Ratio Lower Upper

152 100

115 52.8 37.7 113.1

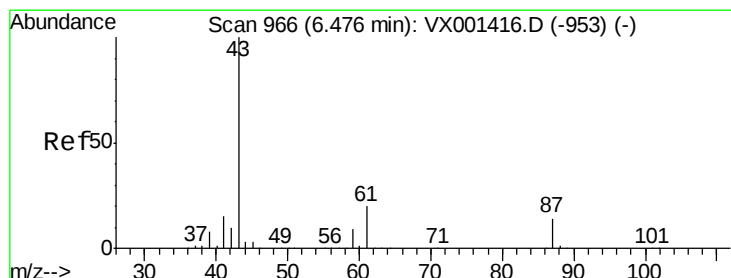
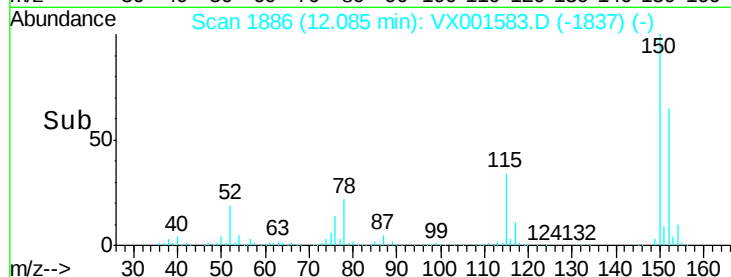
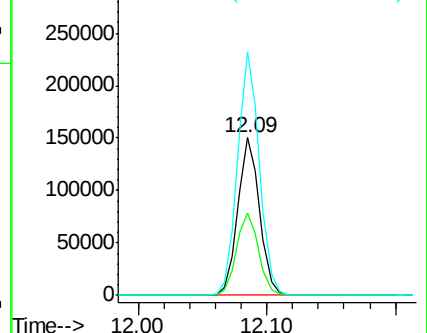
150 154.9 0.0 349.4



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



#74

N-ethyl acetate

Concen: 0.31 ug/l

RT: 6.51 min Scan# 971

Delta R.T. 0.03 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Tgt Ion: 43 Resp: 1743

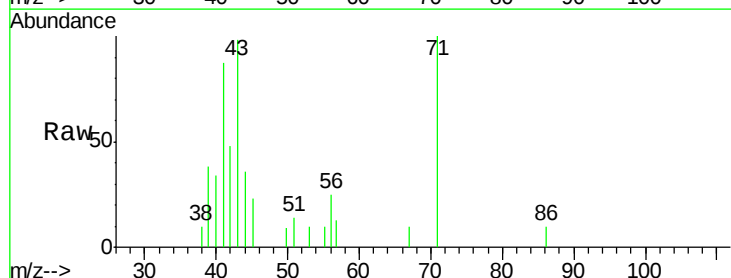
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 6.7 0.1 0.1#

61 0.0 15.4 23.0#

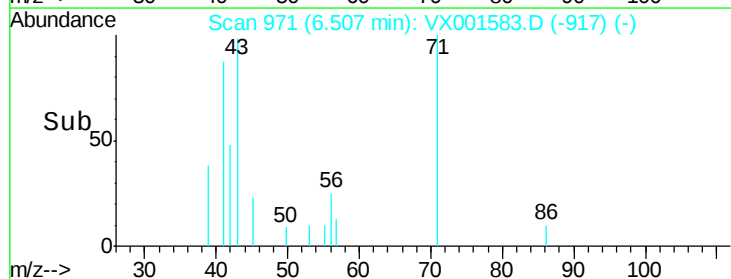
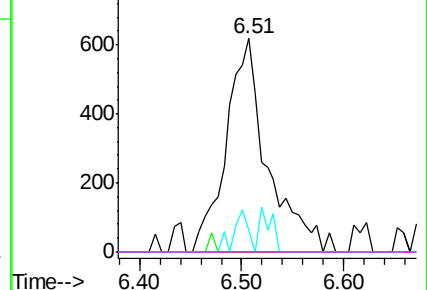


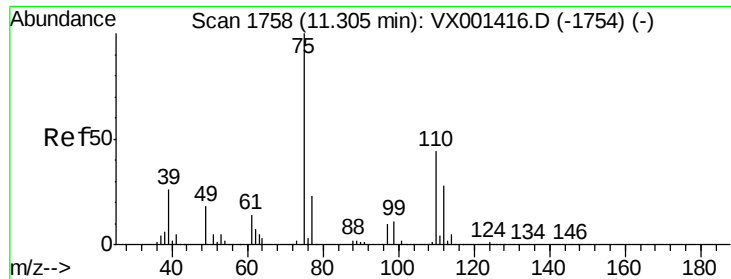
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.00 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

Instrument :

MSVOA_X

ClientSampleId :

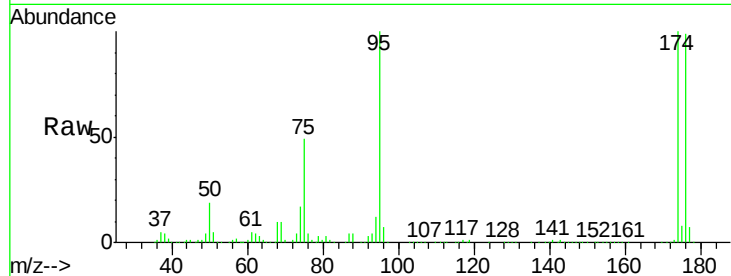
SB-3

Tgt Ion: 75 Resp: 79384

Ion Ratio Lower Upper

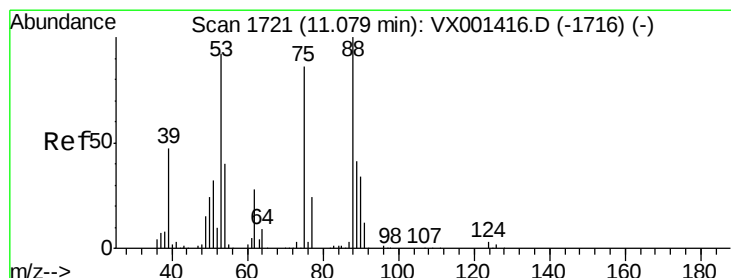
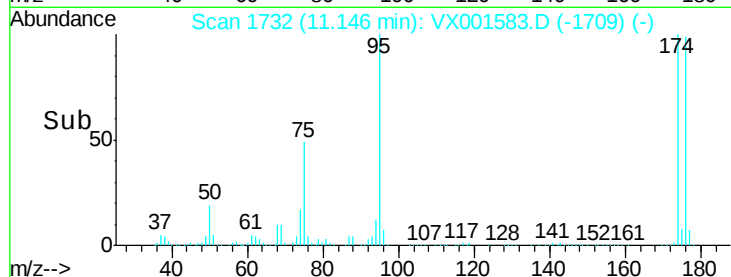
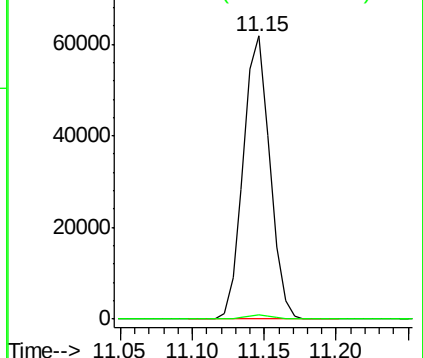
75 100

77 1.5 19.6 58.7#



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: 68.42 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX001583.D

Acq: 10 May 2018 04:14

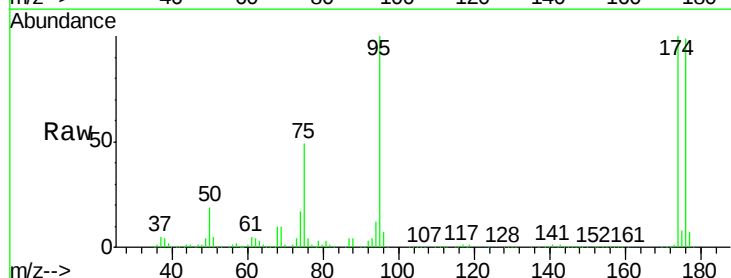
Tgt Ion: 75 Resp: 79384

Ion Ratio Lower Upper

75 100

53 0.2 84.5 126.7#

89 0.0 39.5 59.3#



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

