

Data File : VX001584.D

Acq On : 10 May 2018 04:40

Operator : JC/MD

Sample : J2649-07

Misc : 5.96g/5mL/100ul/5mL/MSVOA_X/MEOH

ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
17R-9

Quant Time: May 10 05:35:47 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	241560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177357	50.00	ug/l	0.00

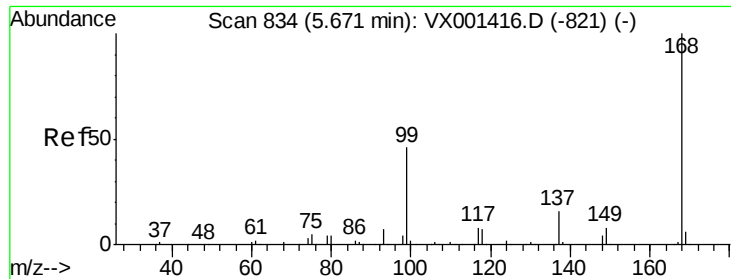
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159810	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.51	113	119444	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	
50) Toluene-d8	8.72	98	456303	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
62) 4-Bromofluorobenzene	11.15	95	158925	38.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.52%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	1474	Below Cal		100
10) Methyl Iodide	2.49	142	1734	0.41 ug/l	#	94
11) Tert butyl alcohol	3.02	59	5248	7.17 ug/l	#	77
13) Acrolein	2.31	56	48	Below Cal	#	48
16) Acetone	2.49	43	1968	1.25 ug/l		92
18) Methyl Acetate	2.80	43	53669	12.96 ug/l		99
20) Methylene Chloride	2.84	84	2233	0.72 ug/l		90
29) Tetrahydrofuran	5.20	42	1570	1.08 ug/l	#	62
31) Cyclohexane	5.66	56	4011	0.90 ug/l	#	4
36) 1,1-Dichloropropene	5.66	75	15325	3.62 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	20423	4.52 ug/l	#	17
43) Isopropyl Acetate	6.50	43	1762	0.25 ug/l	#	61
44) Trichloroethene	7.21	130	772	0.20 ug/l		74
54) cis-1,3-Dichloropropene	9.06	75	49	2.27 ug/l	#	1
55) 1,1,2-Trichloroethane	9.34	97	807	0.25 ug/l	#	9
60) Dibromochloromethane	9.34	129	89882	26.91 ug/l	#	11
64) Tetrachloroethene	9.34	164	105948	25.00 ug/l		98
74) N-amyl acetate	6.50	43	1762	0.32 ug/l	#	58
76) 1,2,3-Trichloropropane	11.15	75	78292	21.77 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.15	75	78292	67.73 ug/l	#	7

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

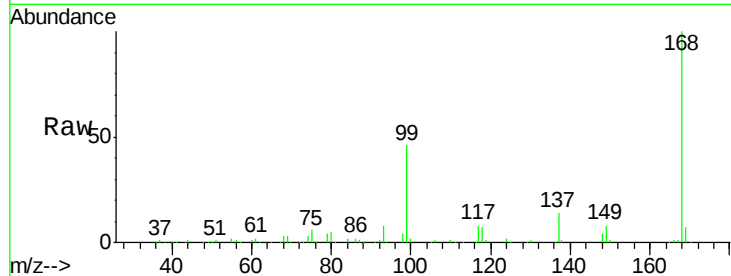
17R-9

Tgt Ion:168 Resp: 241560

Ion Ratio Lower Upper

168 100

99 46.2 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

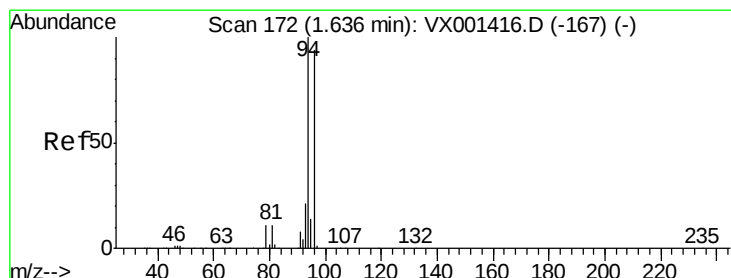
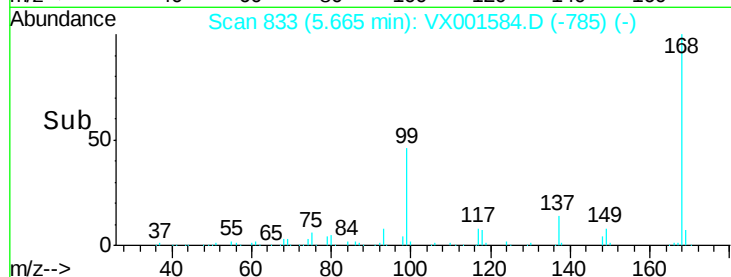
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001584.D

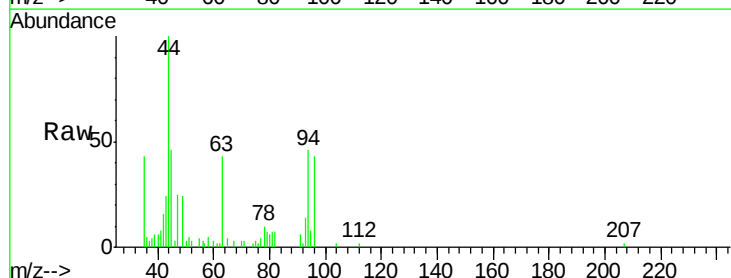
Acq: 10 May 2018 04:40

Tgt Ion: 94 Resp: 1474

Ion Ratio Lower Upper

94 100

96 93.9 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

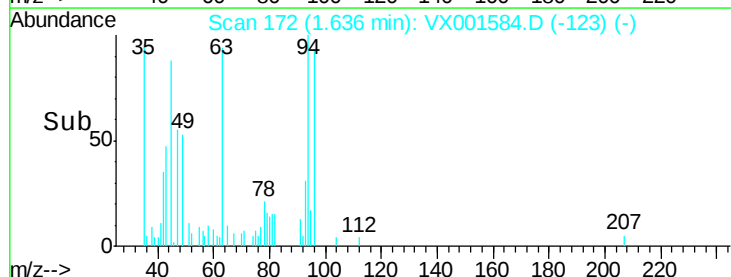
1.64

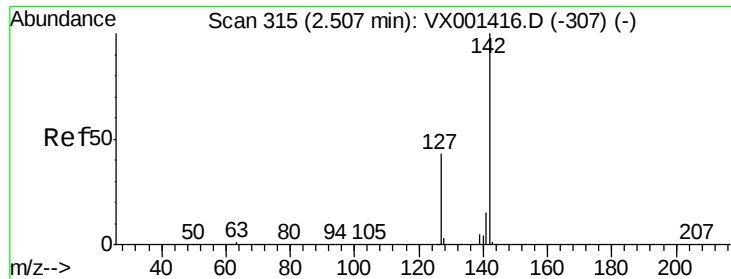
1000

500

0

Time--> 1.60 1.65 1.70

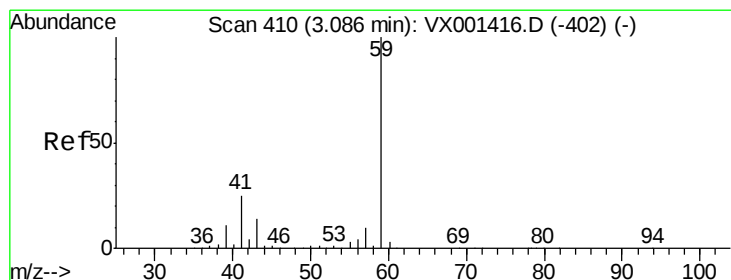
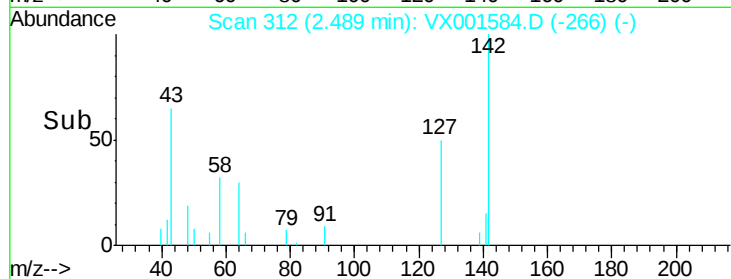
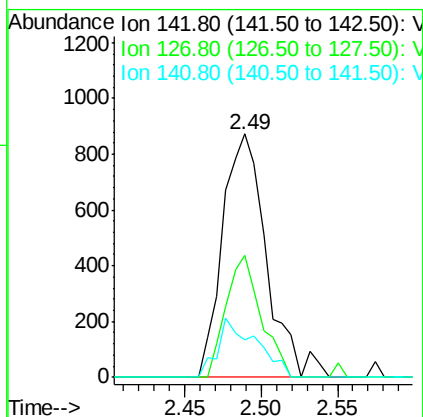
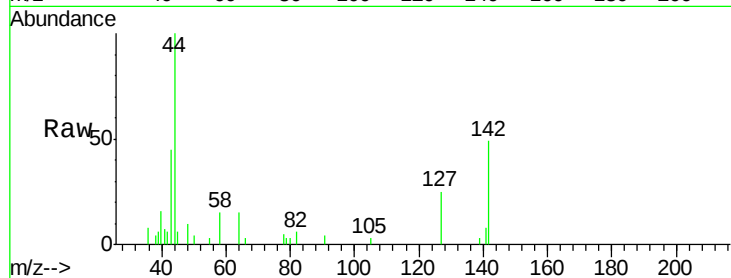




#10
Methyl Iodide
Concen: 0.41 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

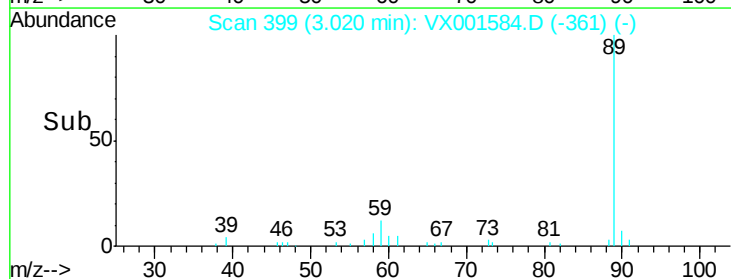
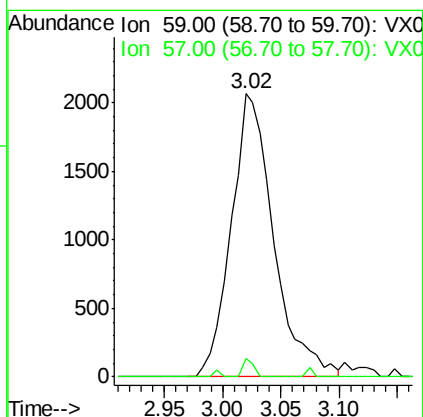
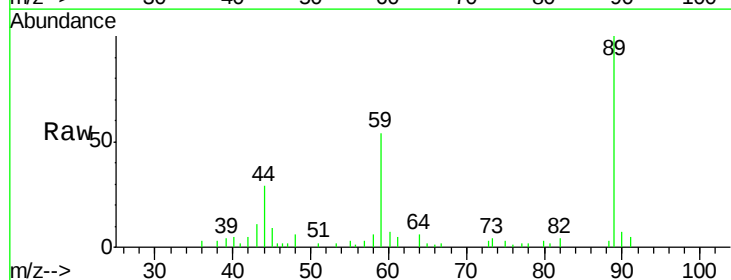
Instrument :
MSVOA_X
ClientSampleId :
17R-9

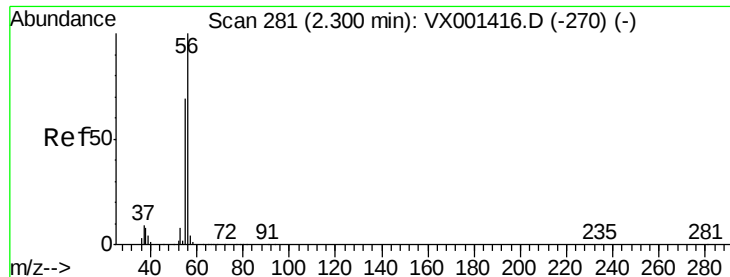
Tgt Ion: 142 Resp: 1734
Ion Ratio Lower Upper
142 100
127 40.2 33.6 50.4
141 21.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 7.17 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

Tgt Ion: 59 Resp: 5248
Ion Ratio Lower Upper
59 100
57 1.6 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

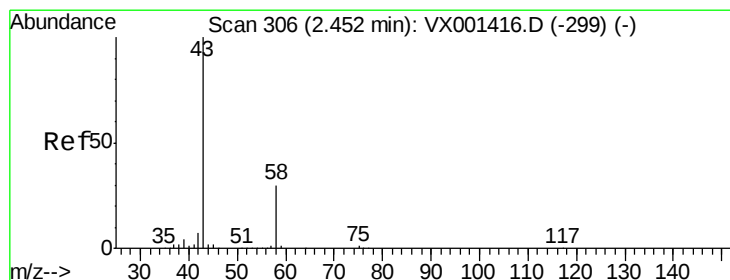
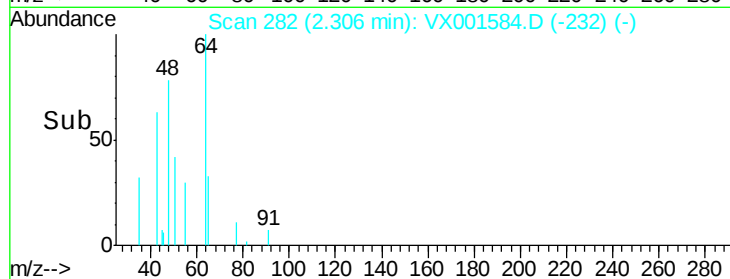
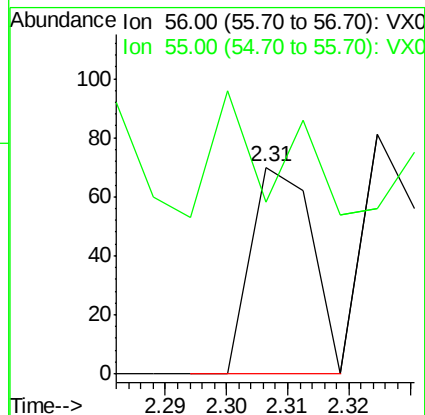
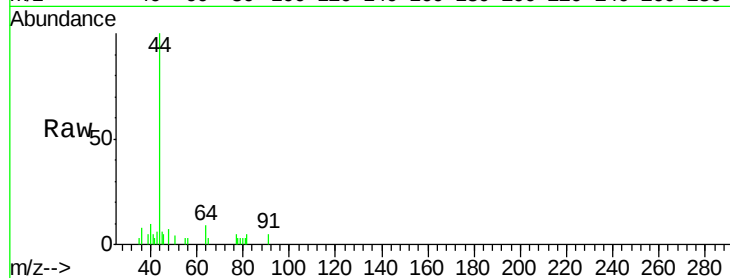
17R-9

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 110.4 54.5 81.7#



#16

Acetone

Concen: 1.25 ug/l

RT: 2.49 min Scan# 312

Delta R.T. 0.04 min

Lab File: VX001584.D

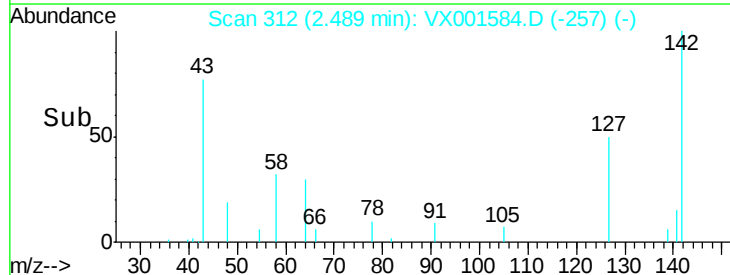
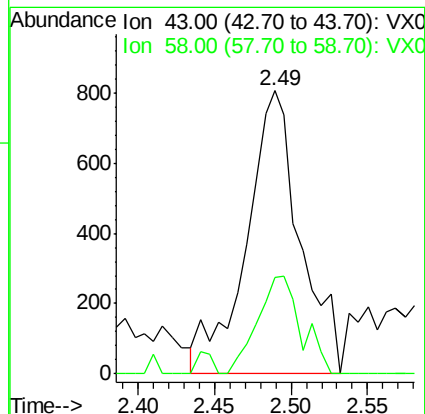
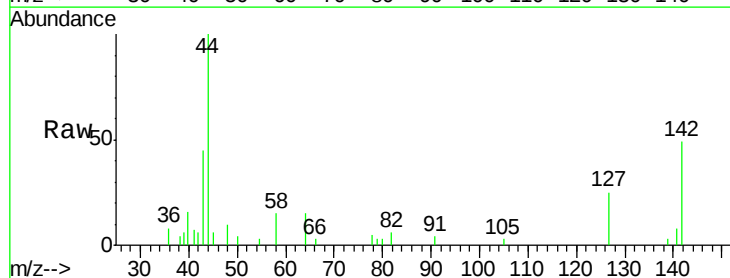
Acq: 10 May 2018 04:40

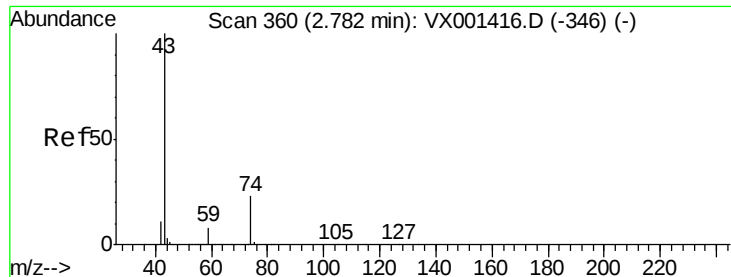
Tgt Ion: 43 Resp: 1968

Ion Ratio Lower Upper

43 100

58 34.2 23.8 35.8

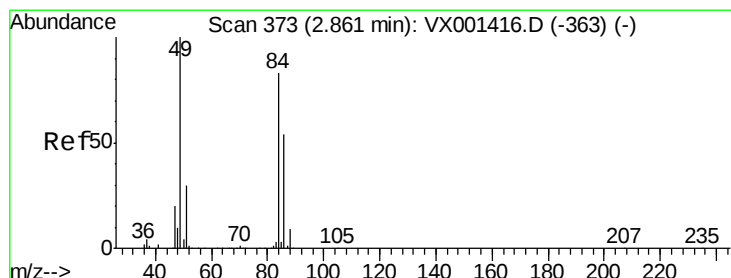
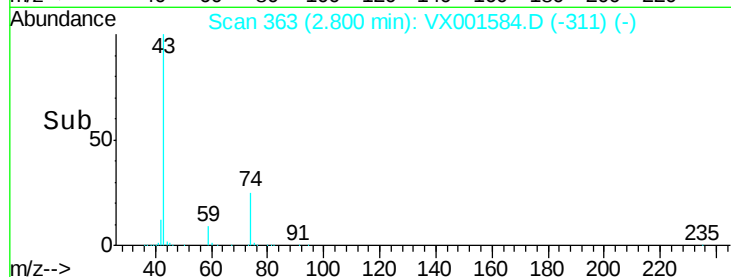
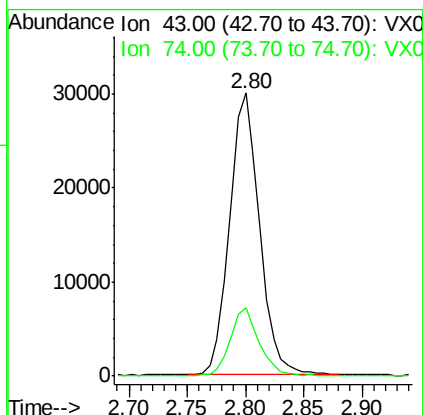
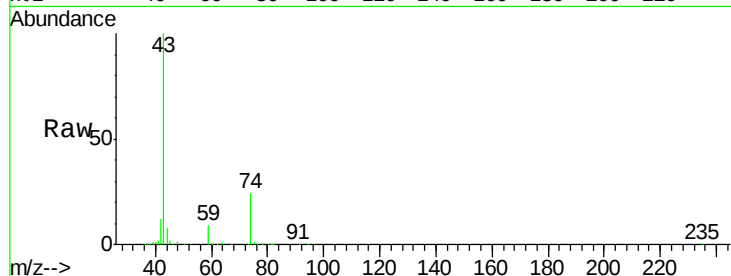




#18
Methyl Acetate
Concen: 12.96 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

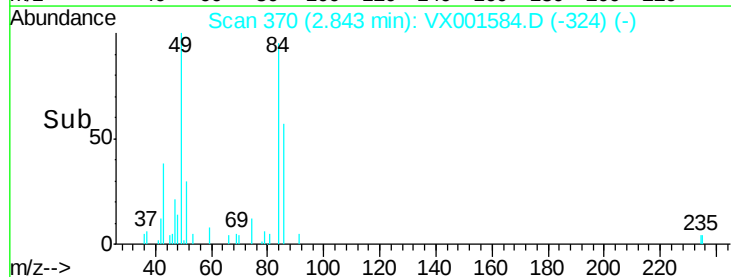
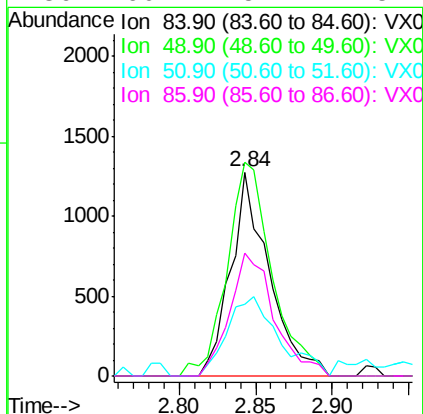
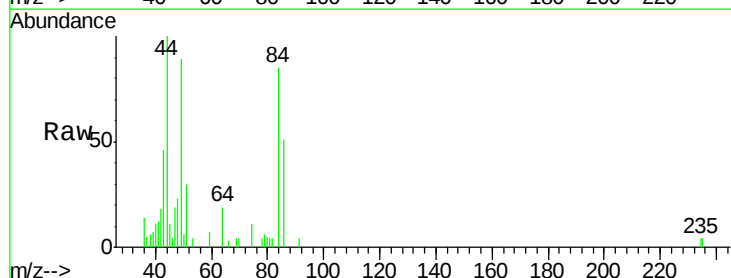
Instrument :
MSVOA_X
ClientSampled :
17R-9

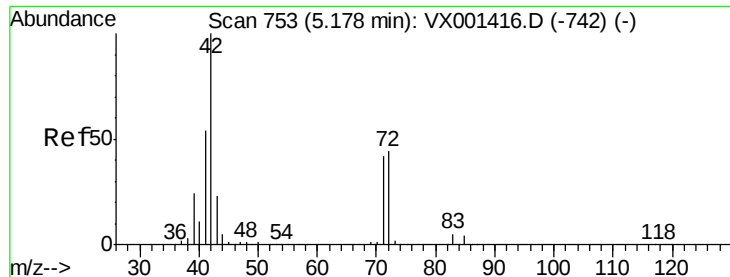
Tgt Ion: 43 Resp: 53669
Ion Ratio Lower Upper
43 100
74 23.7 18.6 27.8



#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

Tgt Ion: 84 Resp: 2233
Ion Ratio Lower Upper
84 100
49 104.9 96.6 144.8
51 35.1 29.0 43.4
86 60.1 52.2 78.4





#29

Tetrahydrofuran

Concen: 1.08 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Instrument :

MSVOA_X

ClientSampled :

17R-9

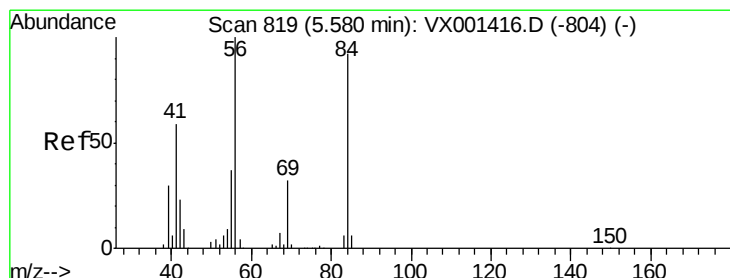
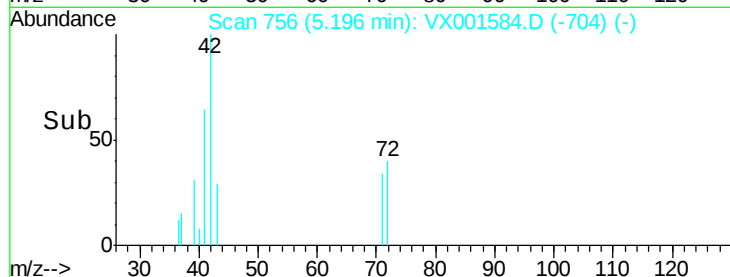
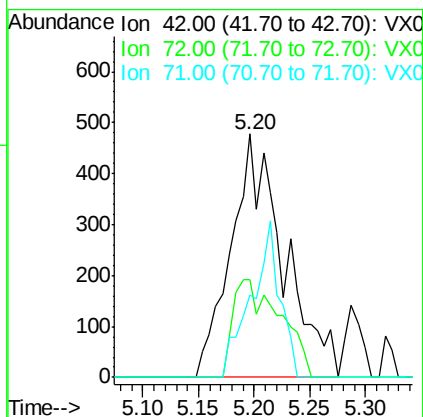
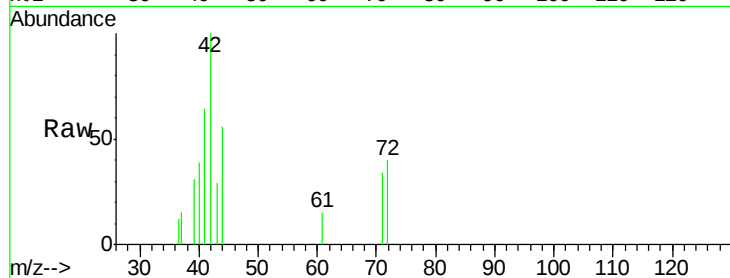
Tgt Ion: 42 Resp: 1570

Ion Ratio Lower Upper

42 100

72 36.1 35.4 53.2

71 0.0 33.0 49.4#



#31

Cyclohexane

Concen: 0.90 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

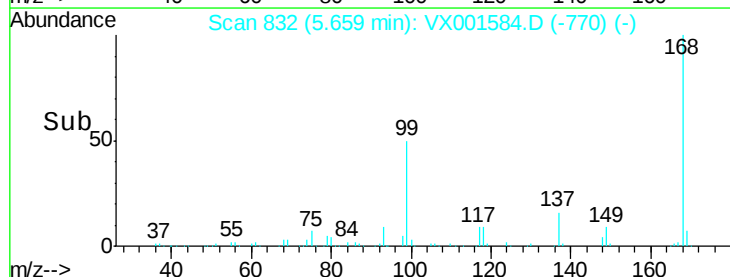
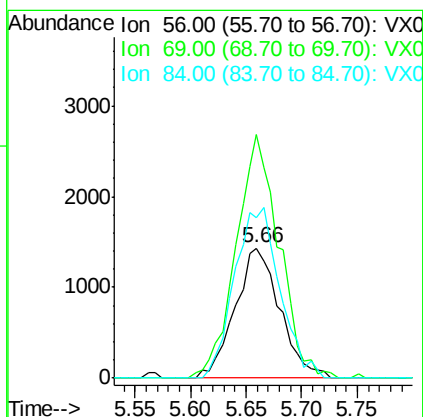
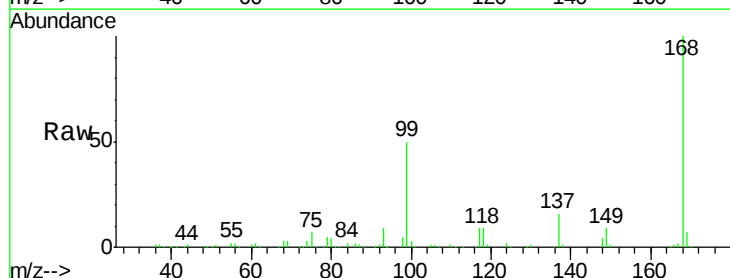
Tgt Ion: 56 Resp: 4011

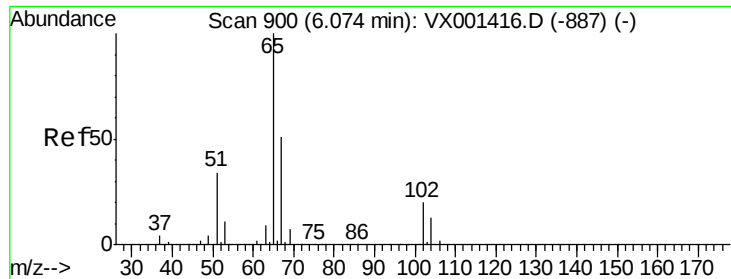
Ion Ratio Lower Upper

56 100

69 187.4 25.4 38.0#

84 123.5 73.8 110.8#

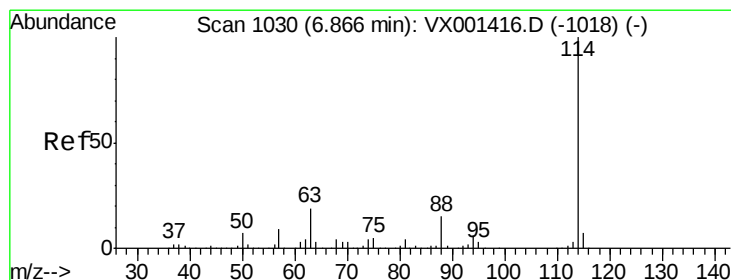
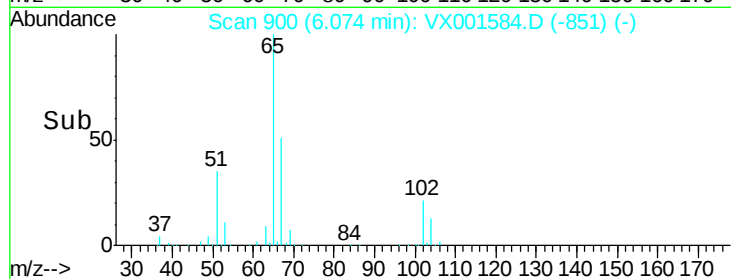
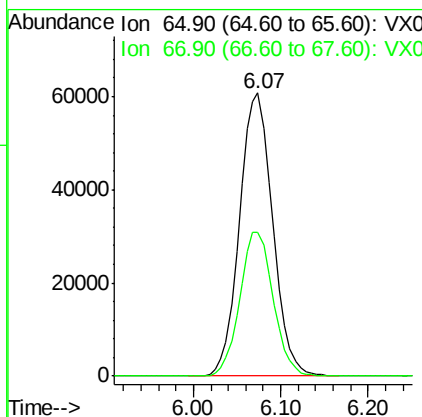
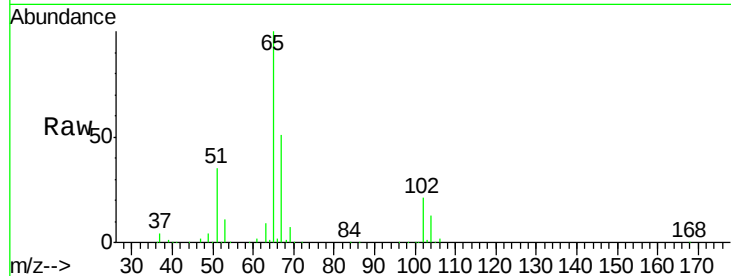




#33
 1,2-Dichloroethane-d4
 Concen: 46.03 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001584.D
 Acq: 10 May 2018 04:40

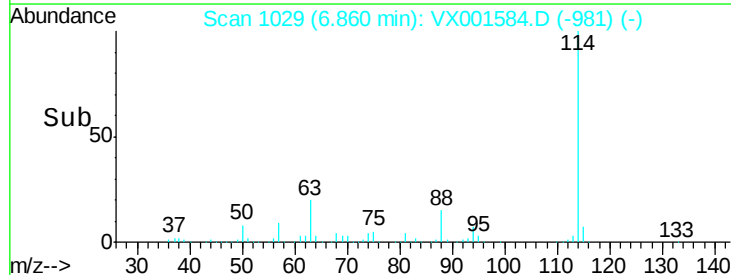
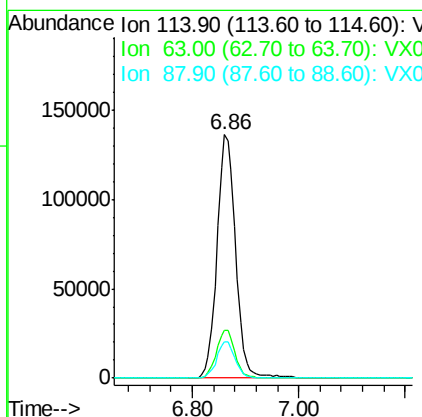
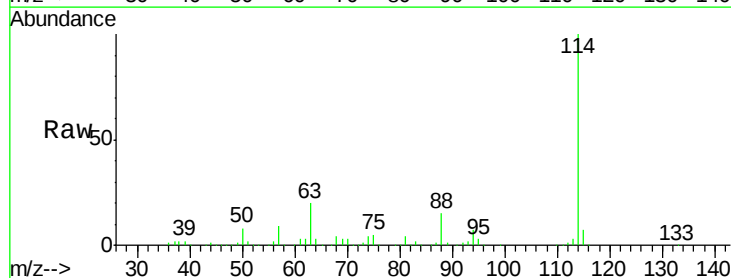
Instrument :
 MSVOA_X
 ClientSampleId :
 17R-9

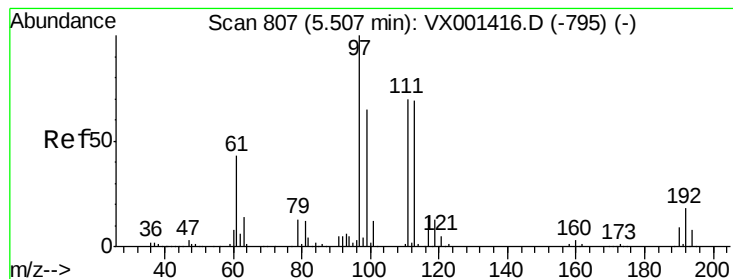
Tgt Ion: 65 Resp: 159810
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX001584.D
 Acq: 10 May 2018 04:40

Tgt Ion: 114 Resp: 333263
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 40.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Instrument :

MSVOA_X

ClientSampled :

17R-9

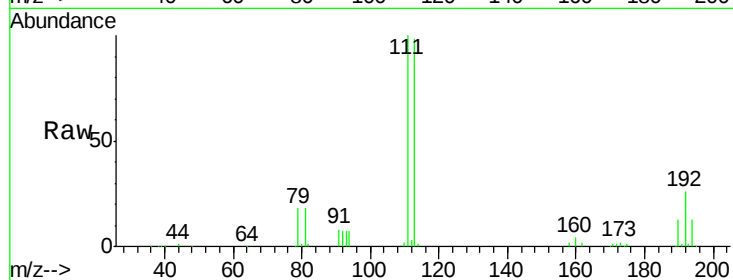
Tgt Ion:113 Resp: 119444

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

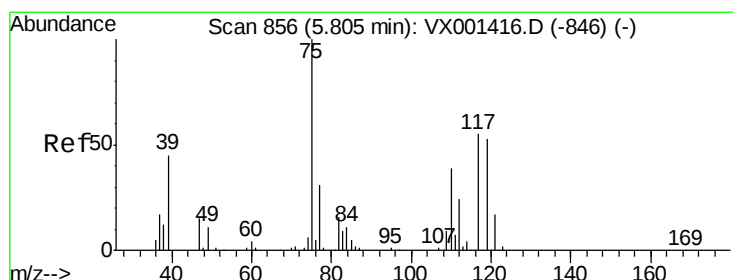
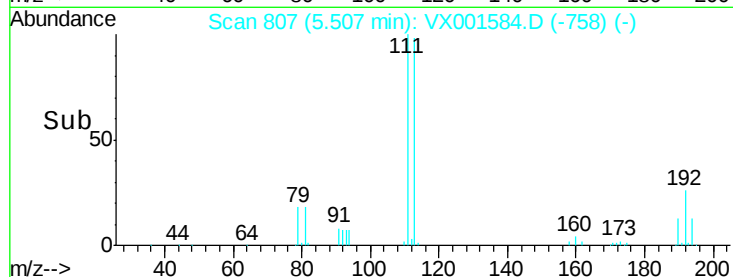
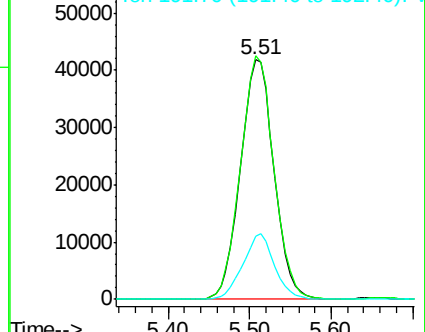
192 25.9 21.4 32.0



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: 3.62 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.15 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

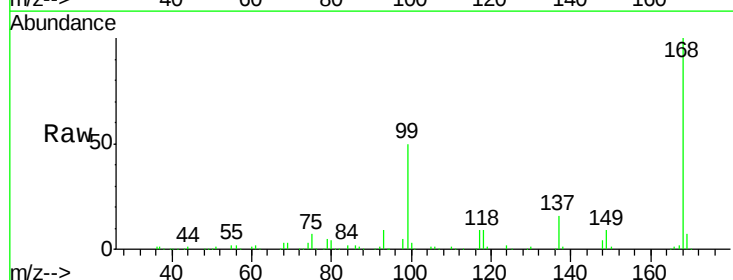
Tgt Ion: 75 Resp: 15325

Ion Ratio Lower Upper

75 100

110 10.6 18.9 56.7#

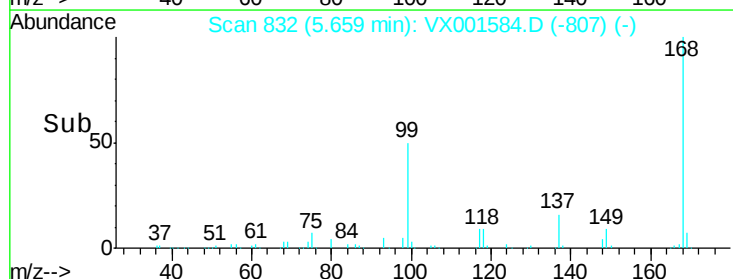
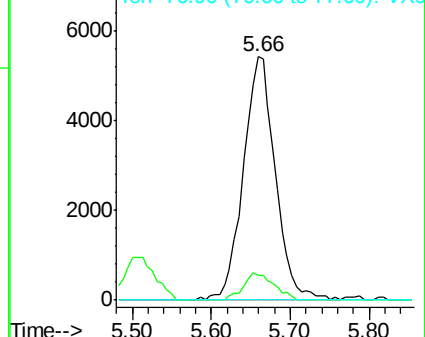
77 0.0 24.9 37.3#

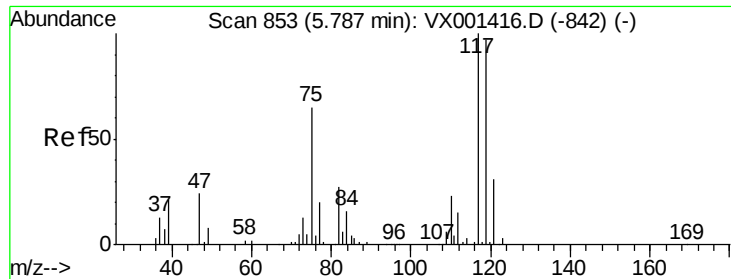


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

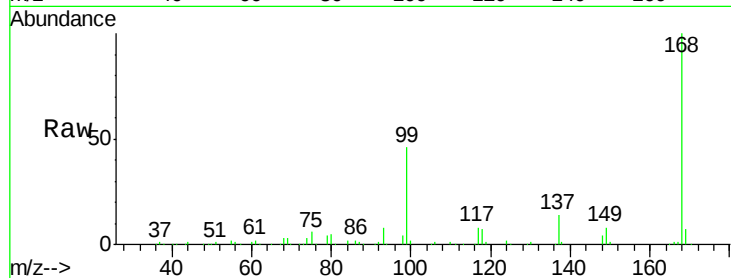




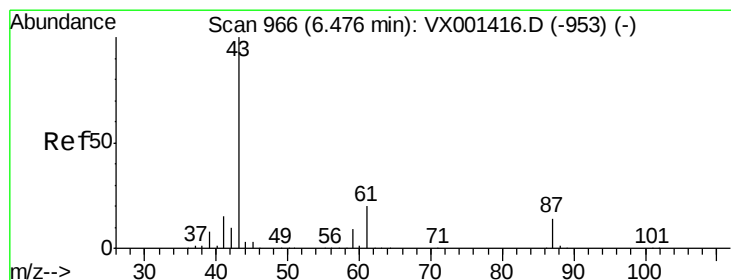
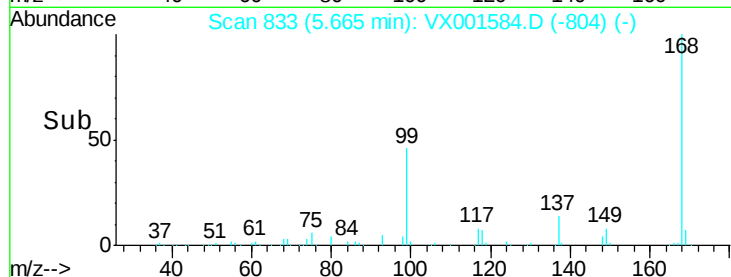
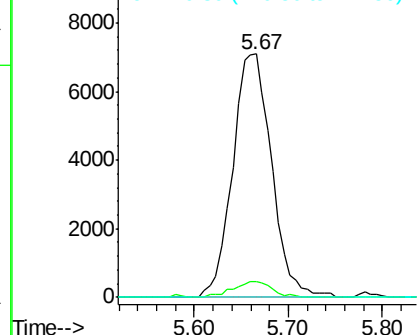
#38
Carbon Tetrachloride
Concen: 4.52 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

Instrument :
MSVOA_X
ClientSampled :
17R-9

Tgt Ion:117 Resp: 20423
Ion Ratio Lower Upper
117 100
119 6.2 77.0 115.6#
121 0.0 25.1 37.7#

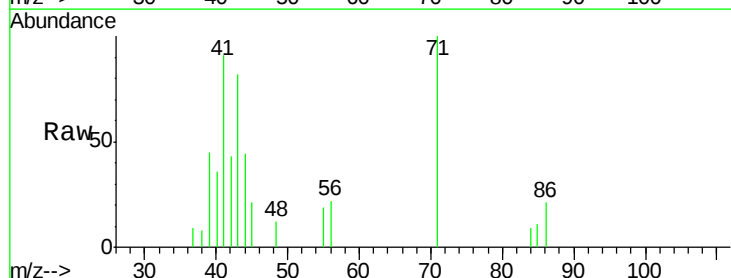


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

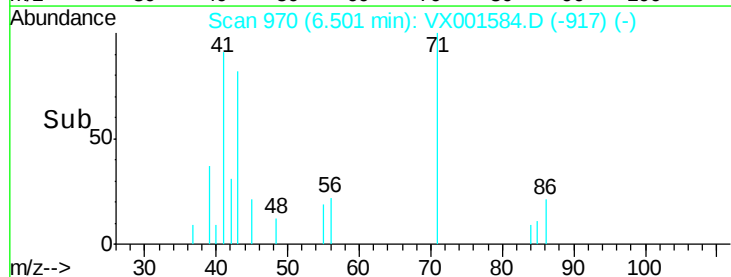
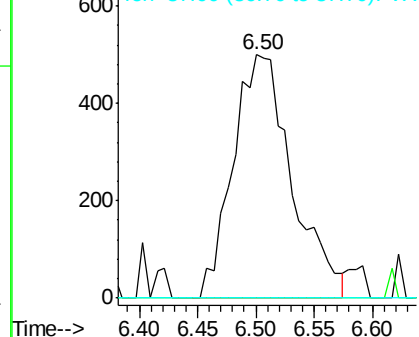


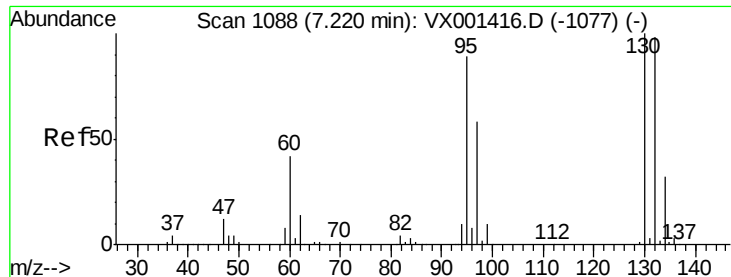
#43
Isopropyl Acetate
Concen: 0.25 ug/l
RT: 6.50 min Scan# 970
Delta R.T. 0.02 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

Tgt Ion: 43 Resp: 1762
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

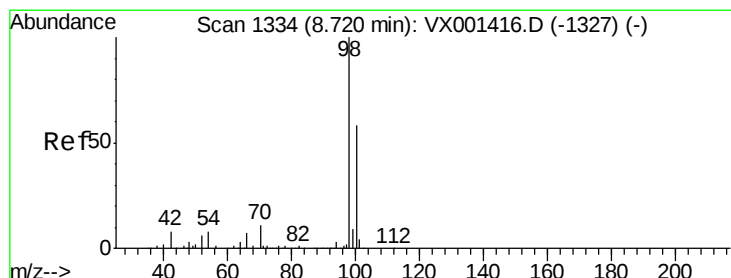
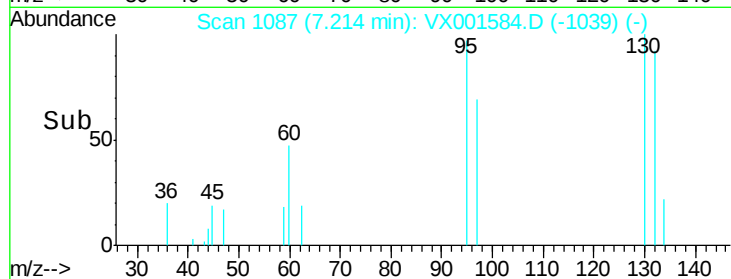
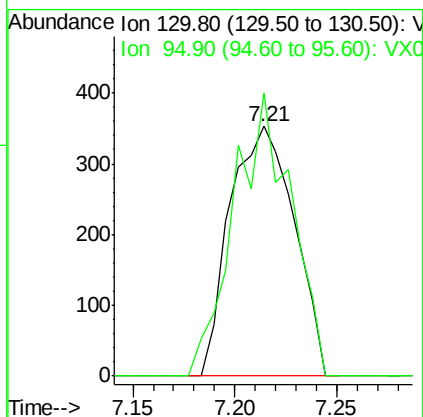
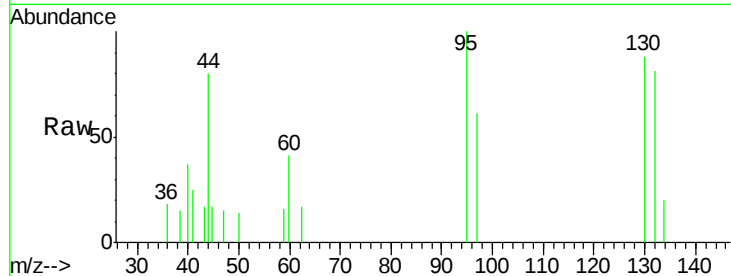




#44
 Trichloroethene
 Concen: 0.20 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001584.D
 Acq: 10 May 2018 04:40

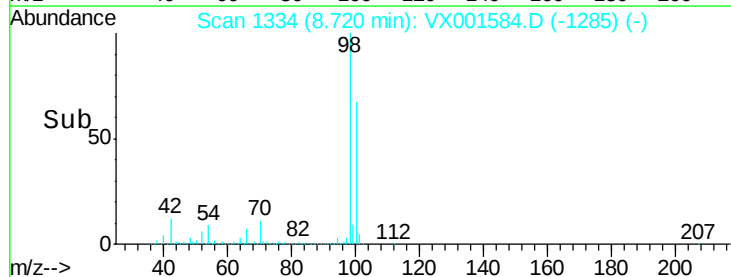
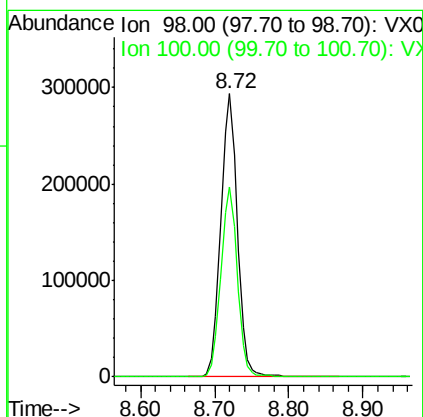
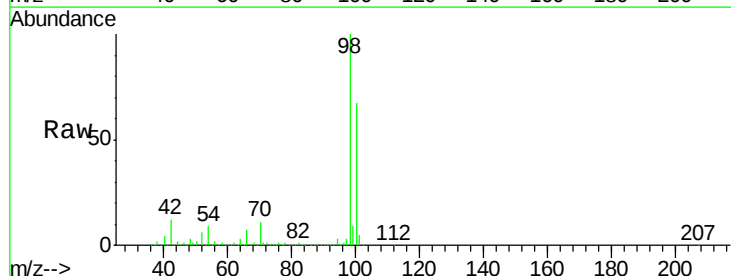
Instrument :
 MSVOA_X
 ClientSampled :
 17R-9

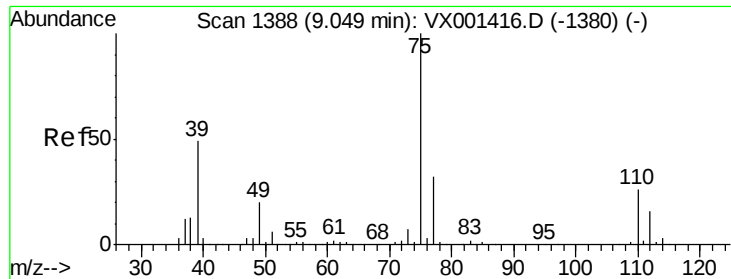
Tgt Ion:130 Resp: 772
 Ion Ratio Lower Upper
 130 100
 95 113.3 0.0 178.4



#50
 Toluene-d8
 Concen: 42.17 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001584.D
 Acq: 10 May 2018 04:40

Tgt Ion: 98 Resp: 456303
 Ion Ratio Lower Upper
 98 100
 100 66.7 54.0 81.0





#54

cis-1,3-Dichloropropene

Concen: 2.27 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

17R-9

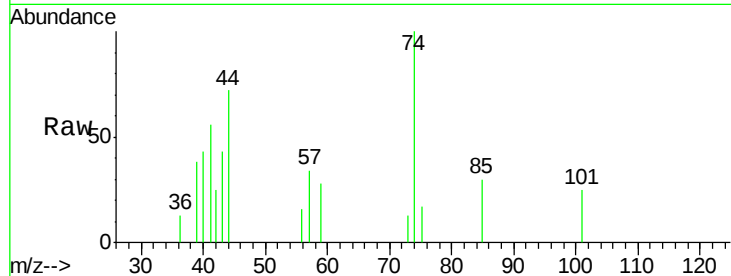
Tgt Ion: 75 Resp: 49

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

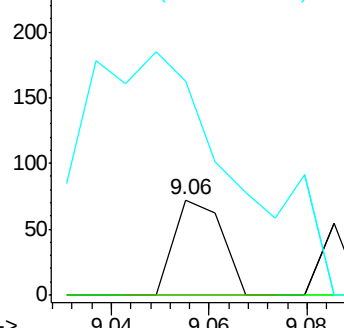
39 145.8 38.9 58.3#



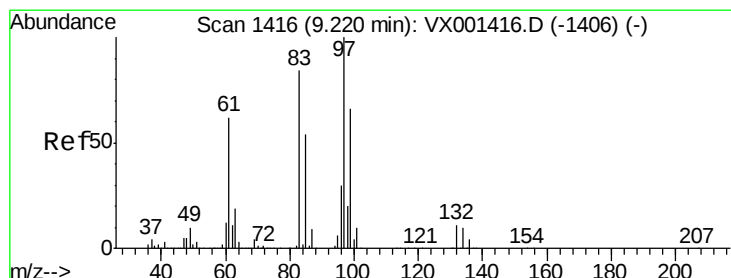
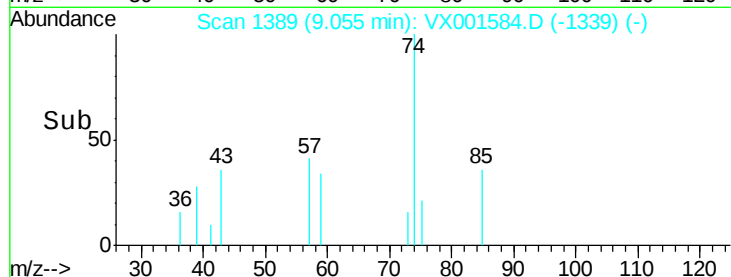
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.25 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.12 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Tgt Ion: 97 Resp: 807

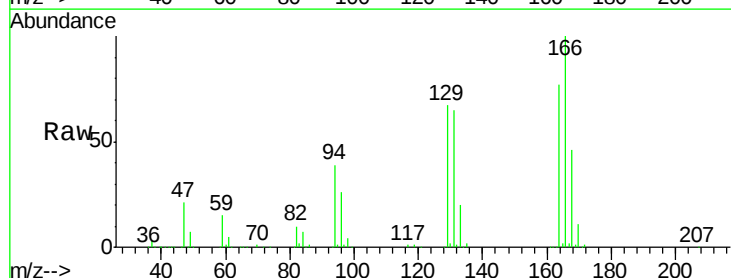
Ion Ratio Lower Upper

97 100

83 224.2 67.4 101.0#

85 37.6 43.3 64.9#

99 12.2 52.5 78.7#

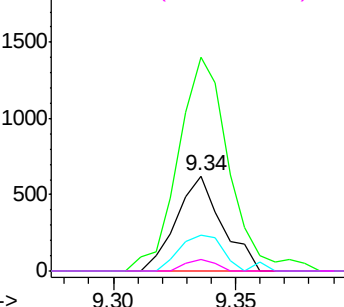


Abundance Ion 96.90 (96.60 to 97.60): VX0

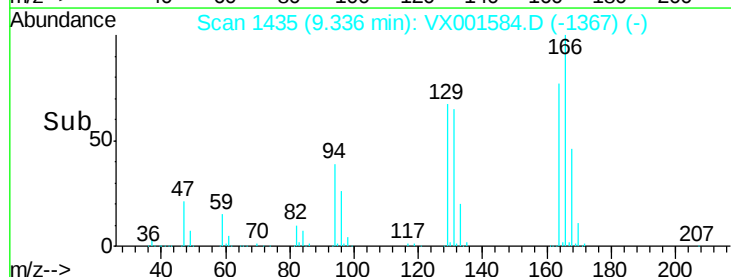
Ion 82.90 (82.60 to 83.60): VX0

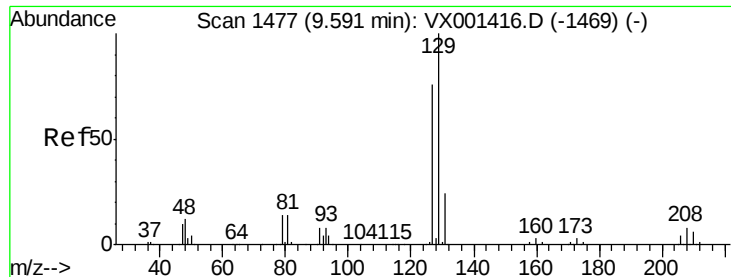
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



Time-->





#60

Dibromochloromethane

Concen: 26.91 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

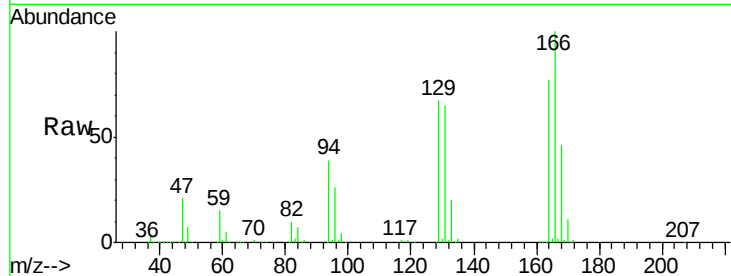
17R-9

Tgt Ion:129 Resp: 89882

Ion Ratio Lower Upper

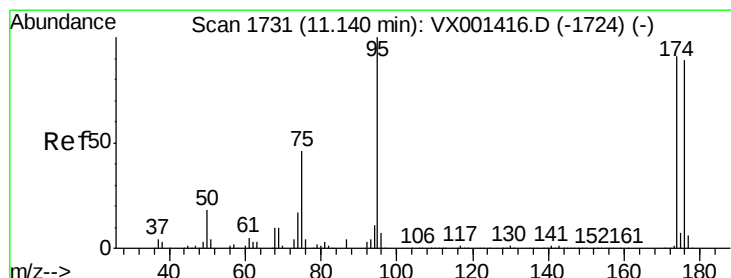
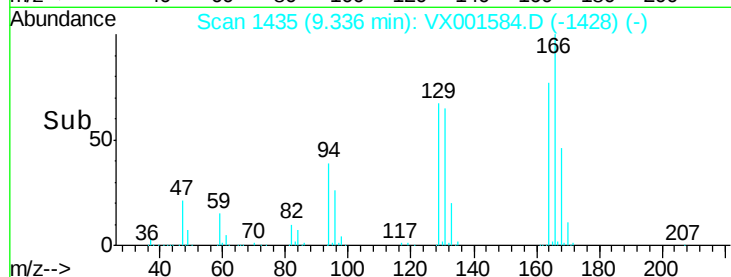
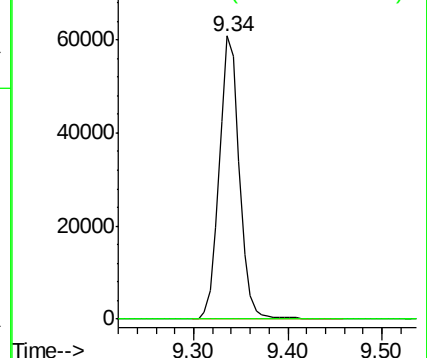
129 100

127 0.1 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: 38.26 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

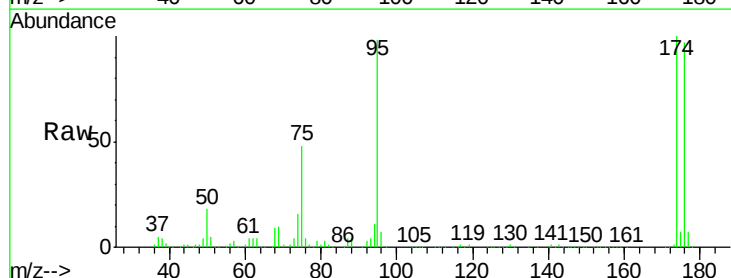
Tgt Ion: 95 Resp: 158925

Ion Ratio Lower Upper

95 100

174 101.5 0.0 202.0

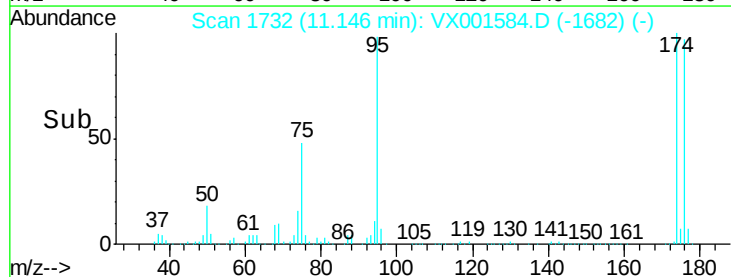
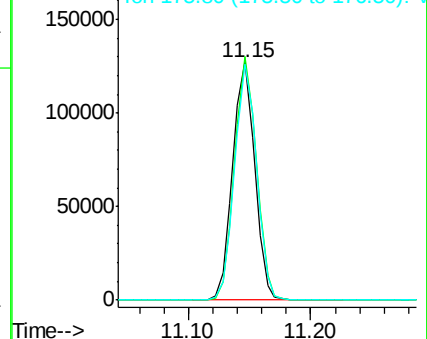
176 98.4 0.0 197.4

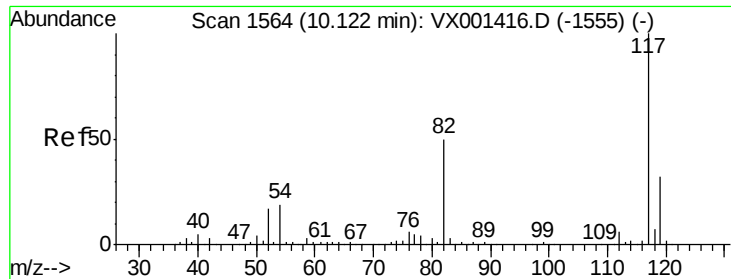


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

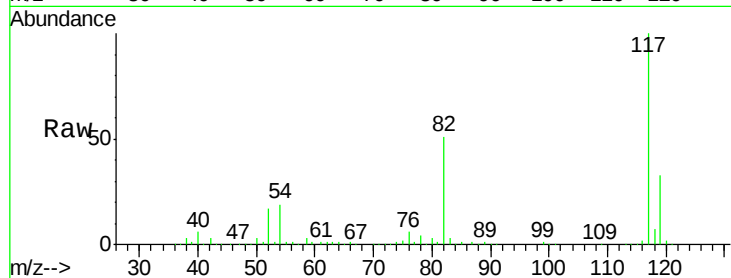




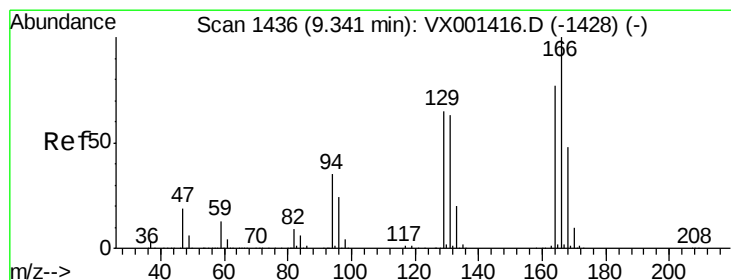
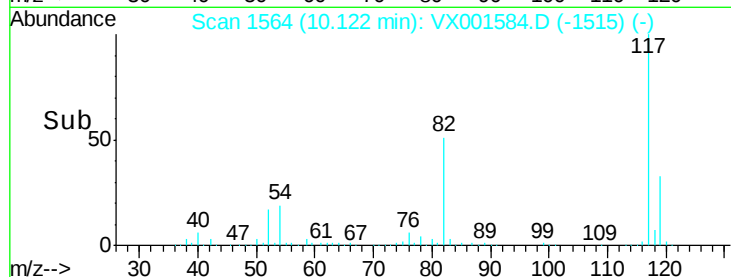
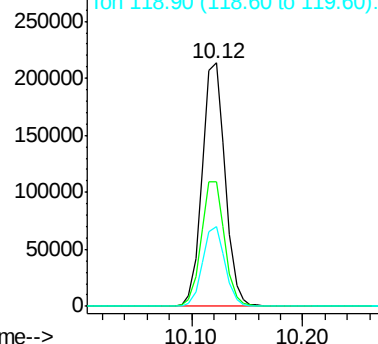
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

Instrument :
MSVOA_X
ClientSampled :
17R-9

Tgt Ion:117 Resp: 303996
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 32.6 25.8 38.8

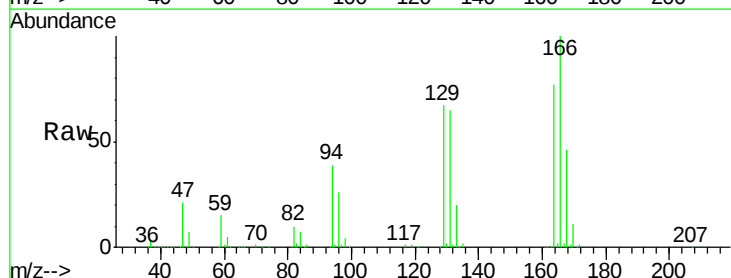


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

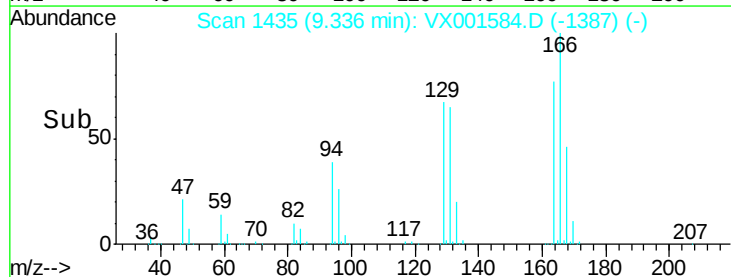
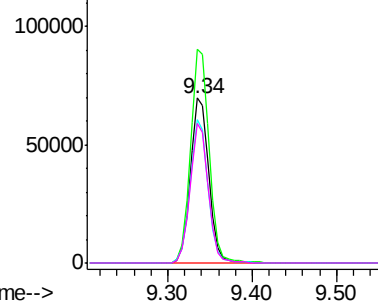


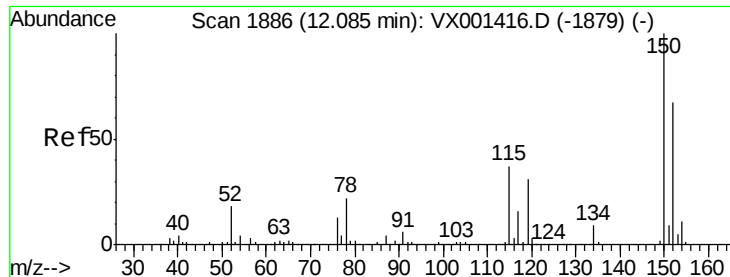
#64
Tetrachloroethene
Concen: 25.00 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001584.D
Acq: 10 May 2018 04:40

Tgt Ion:164 Resp: 105948
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 87.2 66.7 100.1
131 84.2 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: VX001584.D

Acq: 10 May 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

17R-9

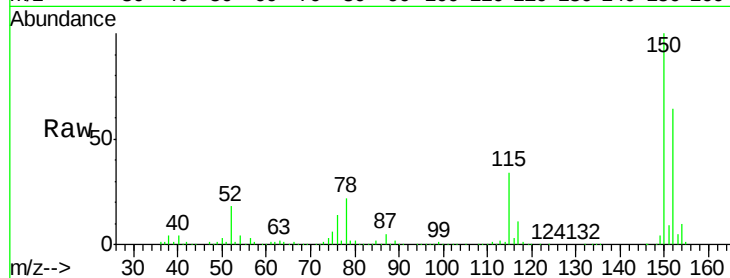
Tgt Ion:152 Resp: 177357

Ion Ratio Lower Upper

152 100

115 53.1 37.7 113.1

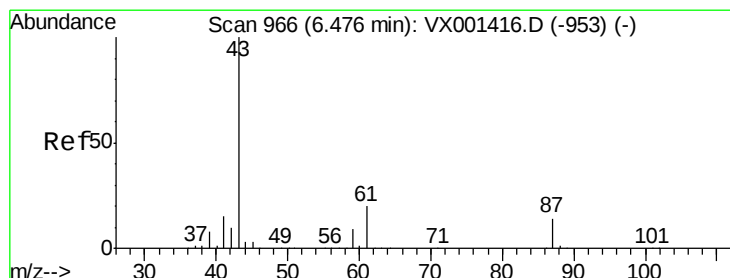
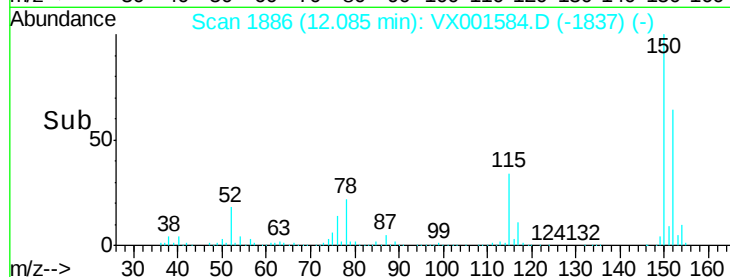
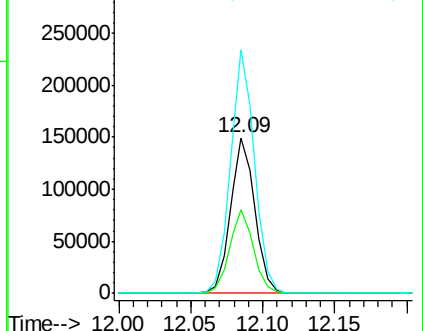
150 154.5 0.0 349.4



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: 0.32 ug/l

RT: 6.50 min Scan# 970

Delta R.T. 0.02 min

Lab File: VX001584.D

Acq: 10 May 2018 04:40

Tgt Ion: 43 Resp: 1762

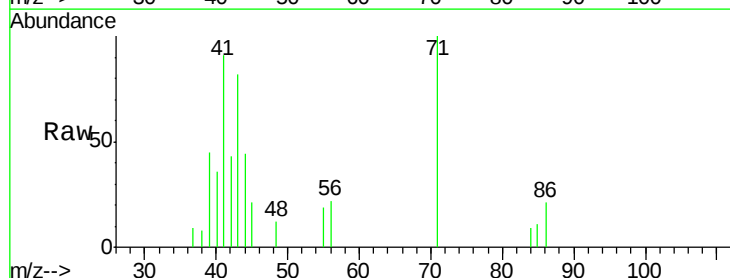
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 13.4 0.1 0.1#

61 0.0 15.4 23.0#

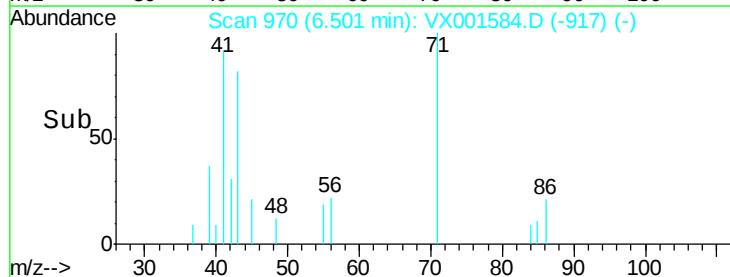
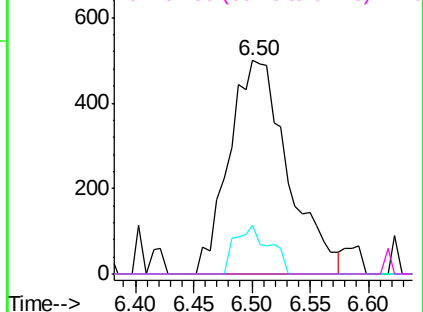


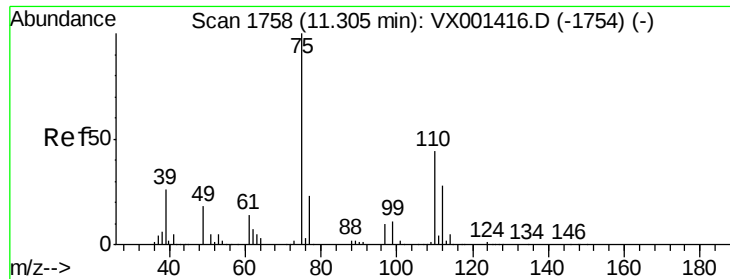
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

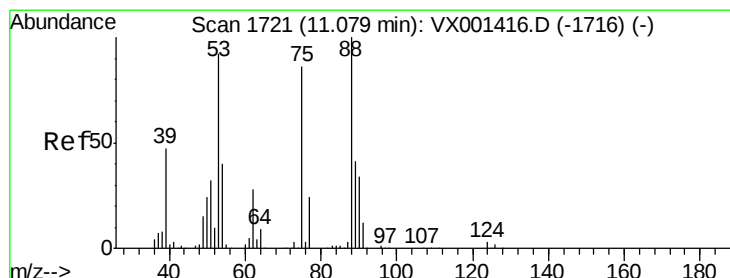
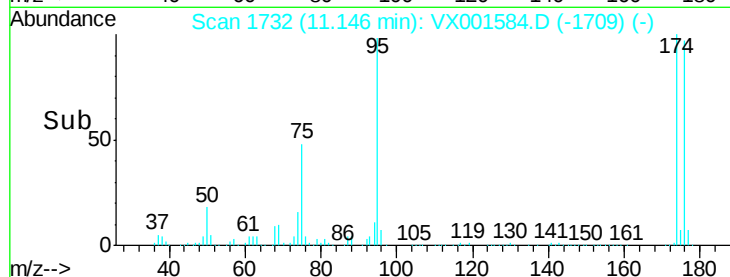
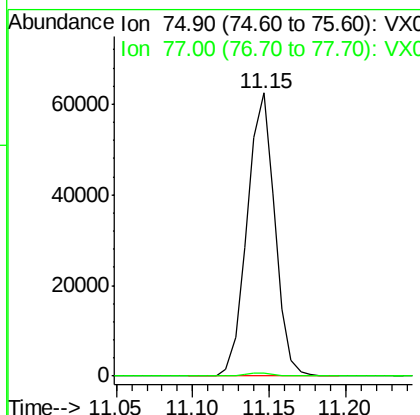
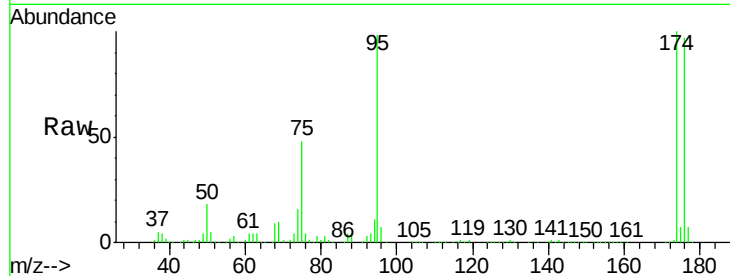




#76
 1,2,3-Trichloropropane
 Concen: 21.77 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX001584.D
 Acq: 10 May 2018 04:40

Instrument :
 MSVOA_X
 ClientSampleId :
 17R-9

Tgt Ion: 75 Resp: 78292
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.73 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.07 min
 Lab File: VX001584.D
 Acq: 10 May 2018 04:40

Tgt Ion: 75 Resp: 78292
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.5 126.7#
 89 0.0 39.5 59.3#

