

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001432.D
 Acq On : 05 May 2018 21:28
 Operator : JC/MD
 Sample : J2706-06 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 003

Quant Time: May 06 08:08:13 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	247688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166653	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	163477	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
35) Dibromofluoromethane	5.51	113	127018	42.45	ug/l	0.00
Spiked Amount			Recovery	=	84.90%	
50) Toluene-d8	8.72	98	454671	41.63	ug/l	0.00
Spiked Amount			Recovery	=	83.26%	
62) 4-Bromofluorobenzene	11.14	95	153744	36.67	ug/l	0.00
Spiked Amount			Recovery	=	73.34%	

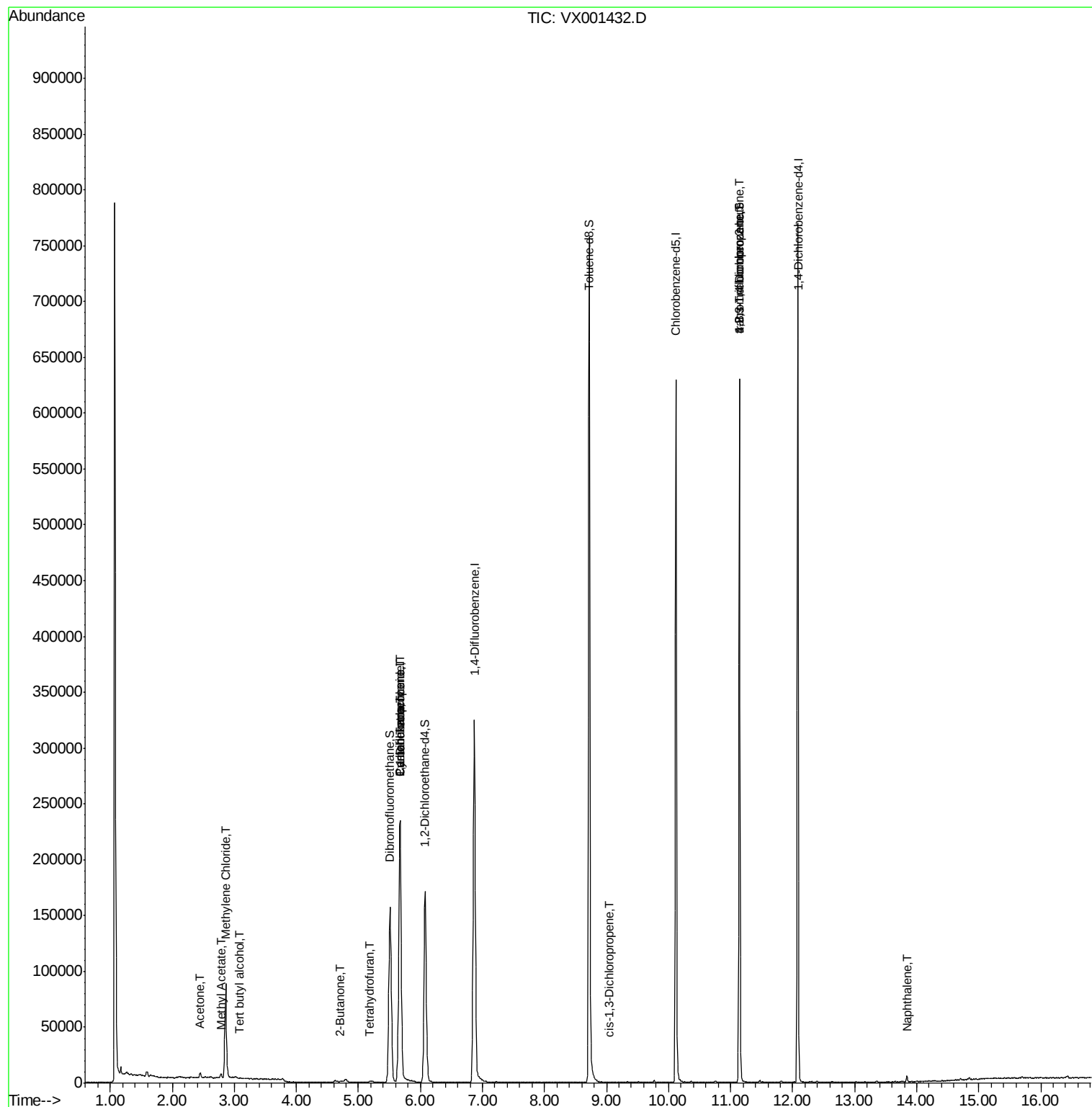
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1250	Below Cal	#	74
11) Tert butyl alcohol	3.08	59	339	0.45	ug/l	22
13) Acrolein	2.30	56	30	Below Cal	#	1
16) Acetone	2.45	43	5003	3.09	ug/l	81
18) Methyl Acetate	2.78	43	4090	0.96	ug/l	98
20) Methylene Chloride	2.86	84	39596	12.37	ug/l	97
25) 2-Butanone	4.71	43	2304	0.99	ug/l	92
29) Tetrahydrofuran	5.19	42	990	0.66	ug/l	82
31) Cyclohexane	5.67	56	4420	0.96	ug/l	15
36) 1,1-Dichloropropene	5.67	75	15516	3.63	ug/l	49
38) Carbon Tetrachloride	5.67	117	21542	4.72	ug/l	18
54) cis-1,3-Dichloropropene	9.04	75	50	2.27	ug/l	53
76) 1,2,3-Trichloropropane	11.14	75	78035	23.09	ug/l	38
81) trans-1,4-Dichloro-2-buten	11.14	75	78035	71.59	ug/l	7
95) Naphthalene	13.84	128	3273	0.27	ug/l	93

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

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
Data File : VX001432.D
Acq On : 05 May 2018 21:28
Operator : JC/MD
Sample : J2706-06 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
003

Quant Time: May 06 08:08:13 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

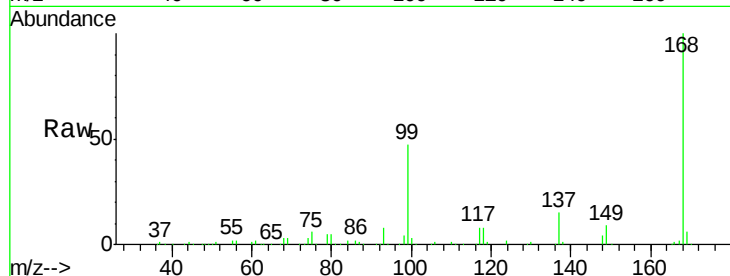
Instrument :
MSVOA_X
ClientSampled :
003

Tgt Ion:168 Resp: 247688

Ion Ratio Lower Upper

168 100

99 47.2 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

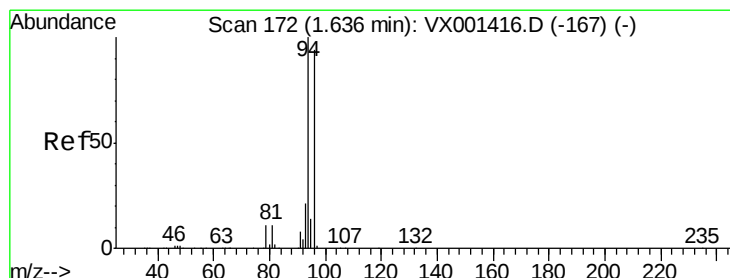
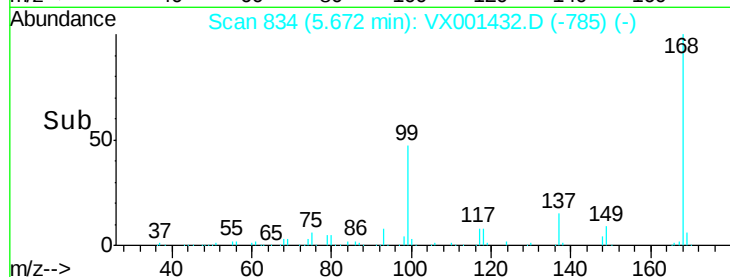
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001432.D

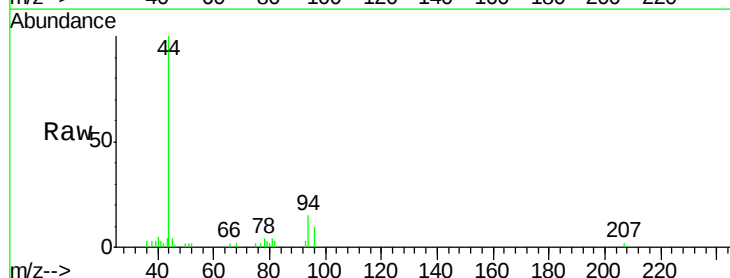
Acq: 05 May 2018 21:28

Tgt Ion: 94 Resp: 1250

Ion Ratio Lower Upper

94 100

96 68.5 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

600

500

400

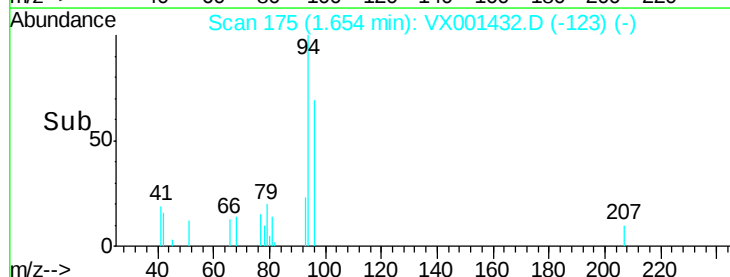
300

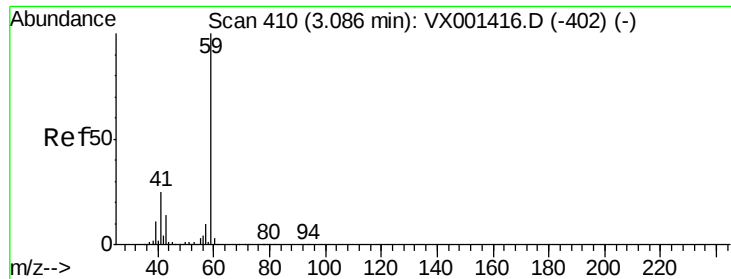
200

100

0

Time--> 1.60 1.65 1.70

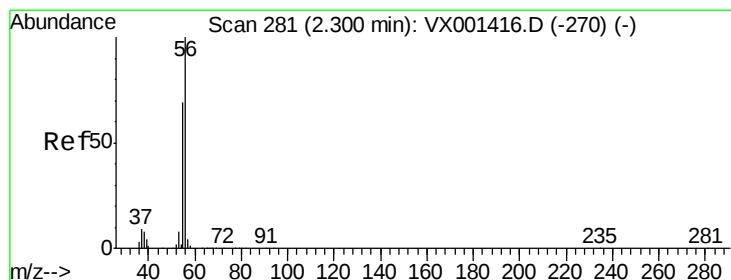
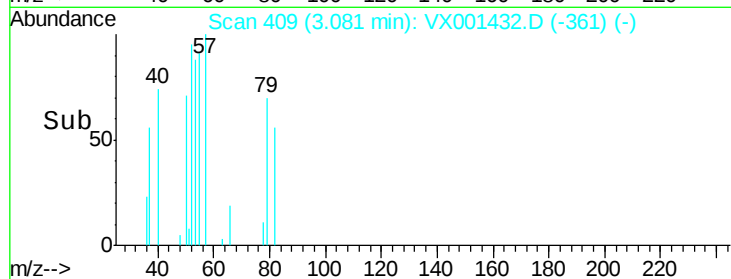
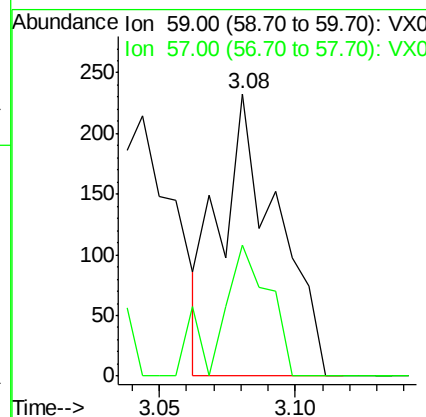
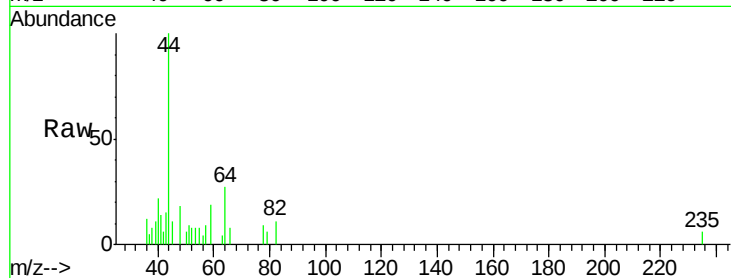




#11
Tert butyl alcohol
Concen: 0.45 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

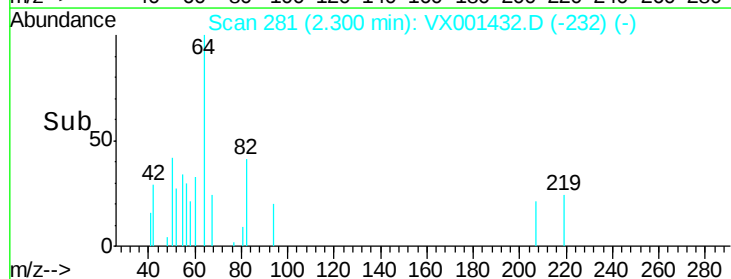
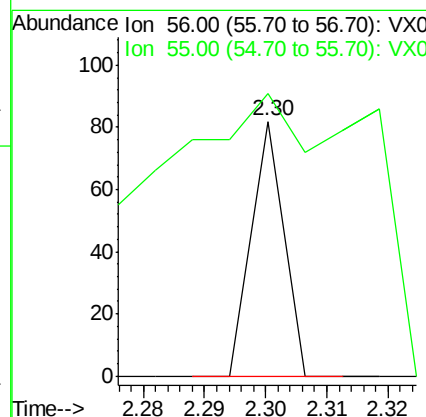
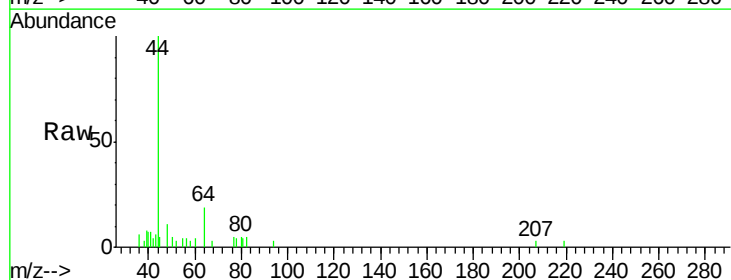
Instrument :
MSVOA_X
ClientSampled :
003

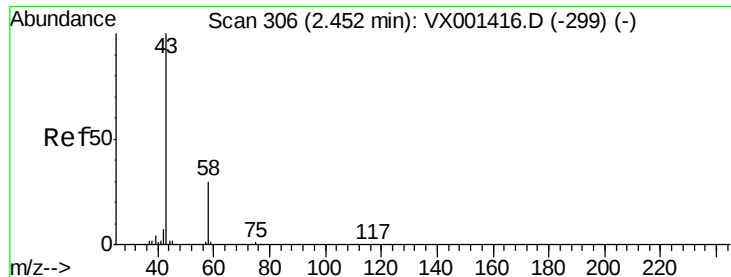
Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 39.2 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 586.7 54.5 81.7#





#16

Acetone

Concen: 3.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

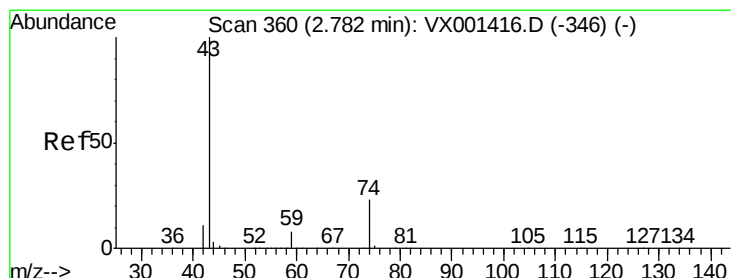
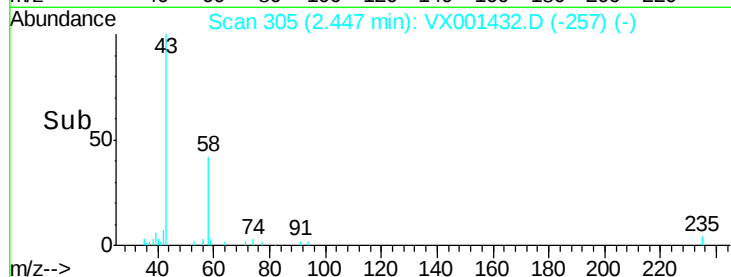
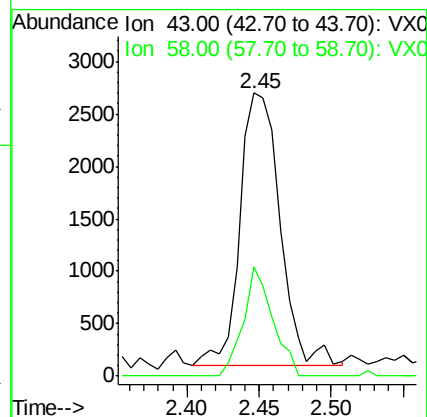
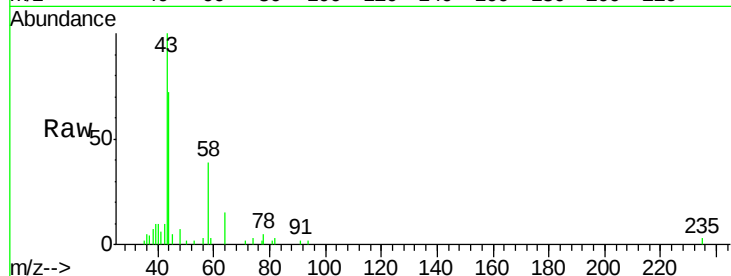
003

Tgt Ion: 43 Resp: 5003

Ion Ratio Lower Upper

43 100

58 40.3 23.8 35.8#



#18

Methyl Acetate

Concen: 0.96 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001432.D

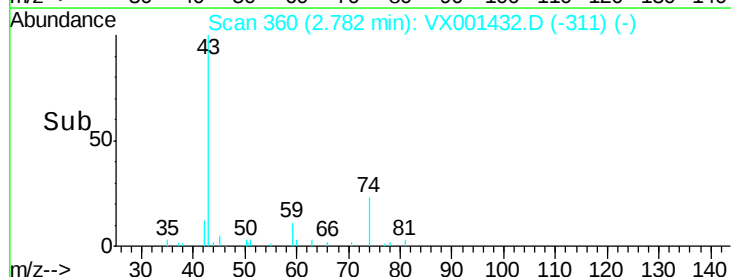
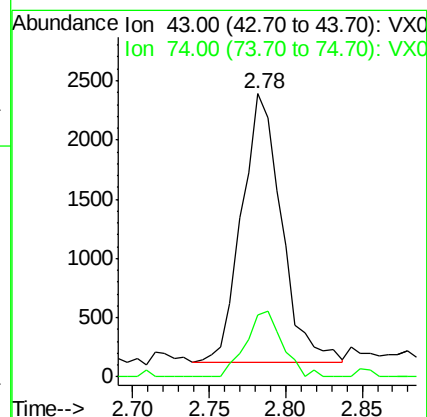
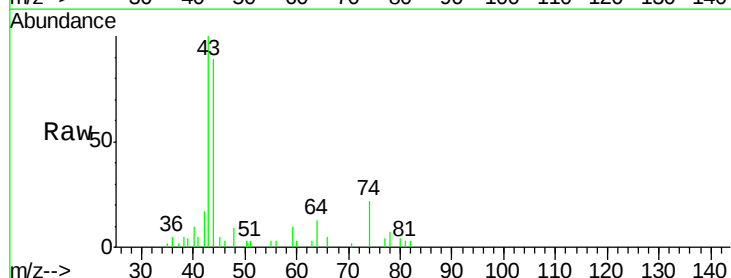
Acq: 05 May 2018 21:28

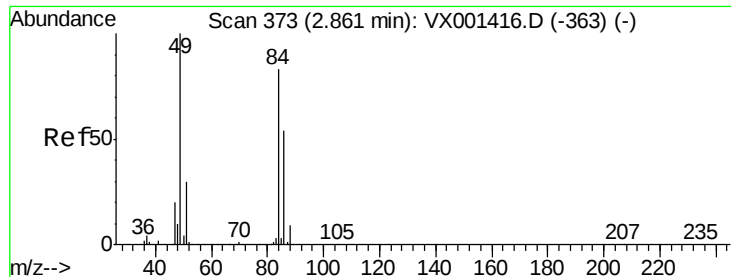
Tgt Ion: 43 Resp: 4090

Ion Ratio Lower Upper

43 100

74 22.3 18.6 27.8

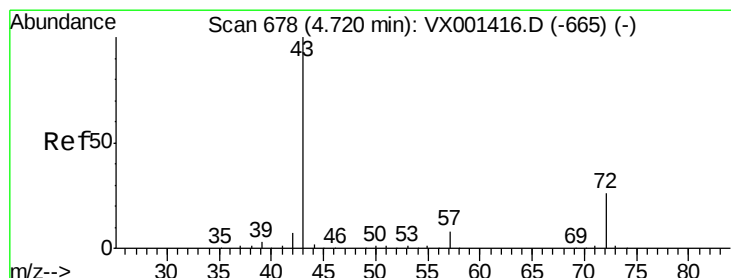
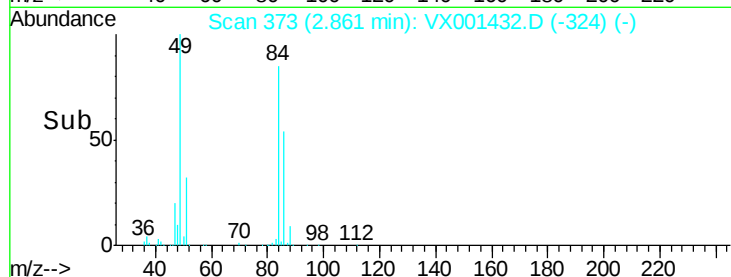
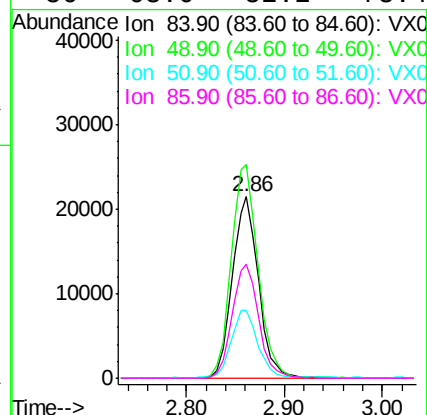
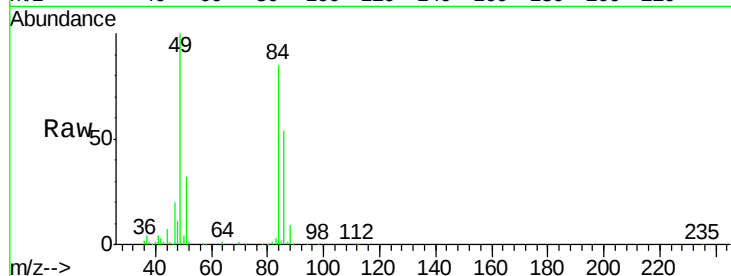




#20
Methylene Chloride
Concen: 12.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

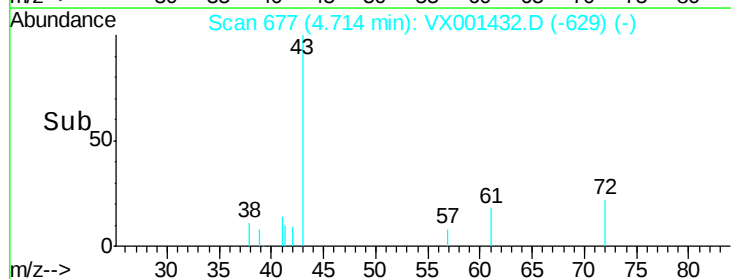
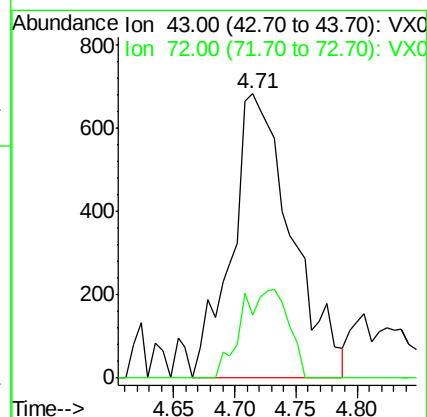
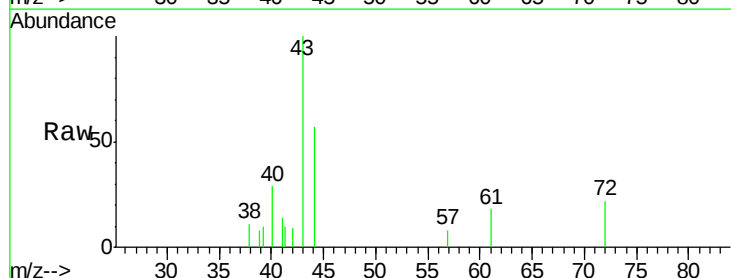
Instrument :
MSVOA_X
ClientSampleId :
003

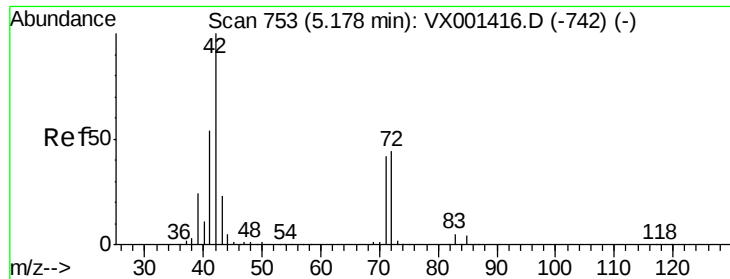
Tgt Ion:	84	Resp:	39596
Ion	Ratio	Lower	Upper
84	100		
49	117.6	96.6	144.8
51	37.7	29.0	43.4
86	63.0	52.2	78.4



#25
2-Butanone
Concen: 0.99 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Tgt Ion:	43	Resp:	2304
Ion	Ratio	Lower	Upper
43	100		
72	21.8	20.7	31.1





#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

003

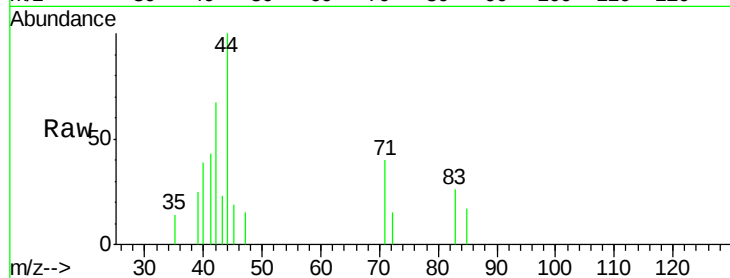
Tgt Ion: 42 Resp: 990

Ion Ratio Lower Upper

42 100

72 23.3 35.4 53.2#

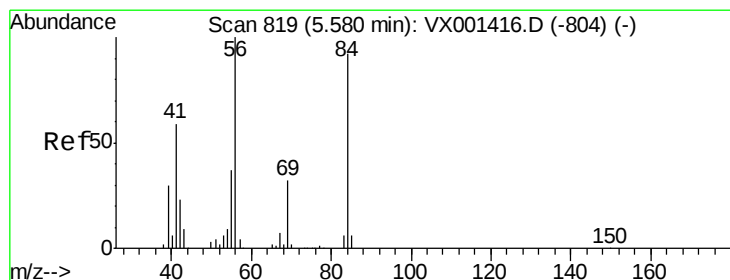
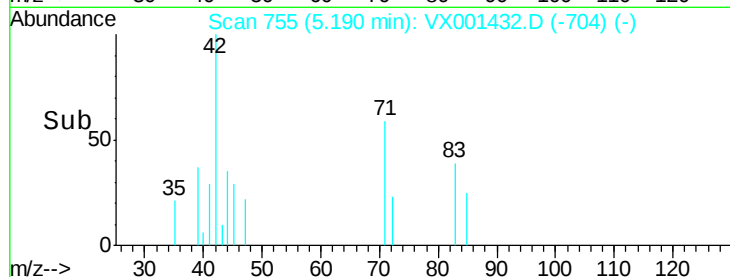
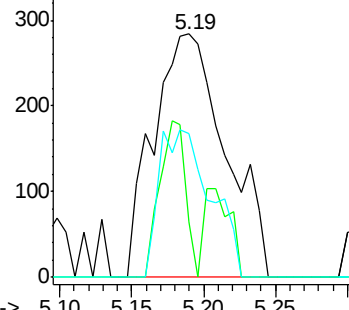
71 43.4 33.0 49.4



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: 0.96 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

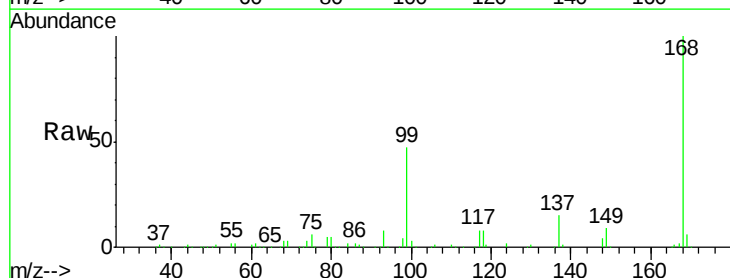
Tgt Ion: 56 Resp: 4420

Ion Ratio Lower Upper

56 100

69 176.4 25.4 38.0#

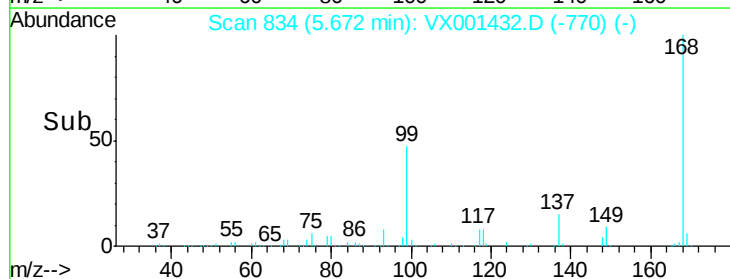
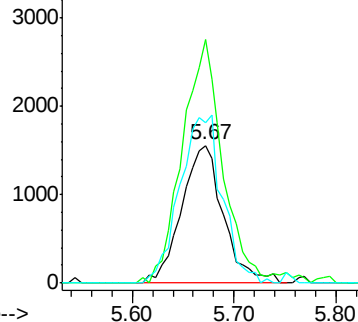
84 115.8 73.8 110.8#

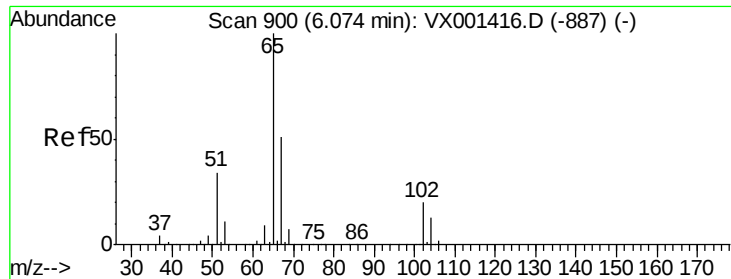


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.92 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

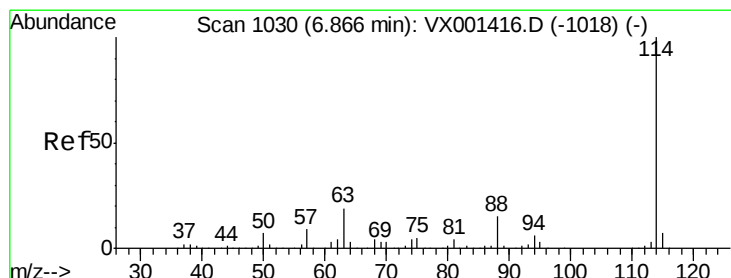
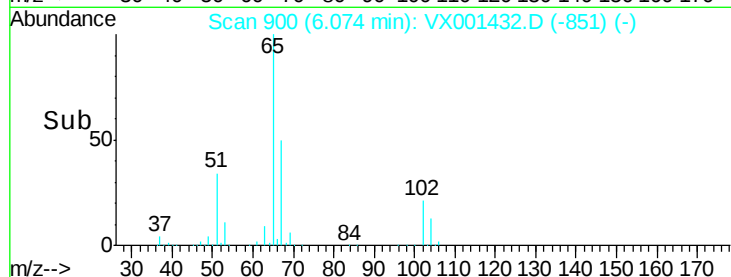
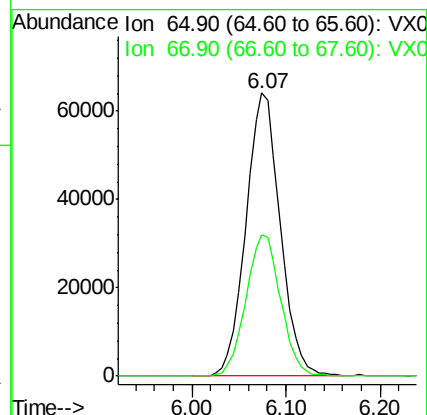
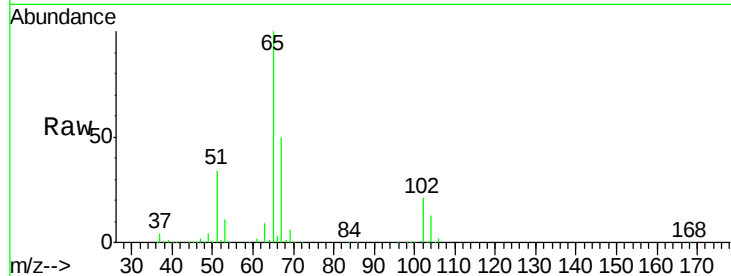
003

Tgt Ion: 65 Resp: 163477

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

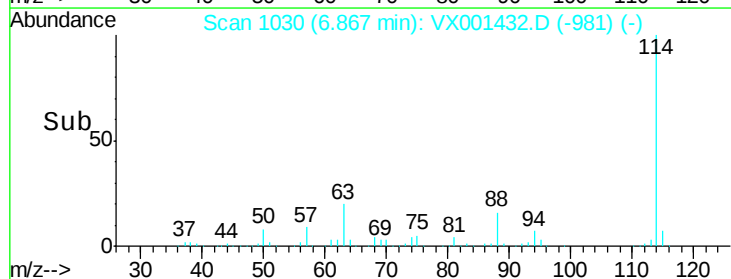
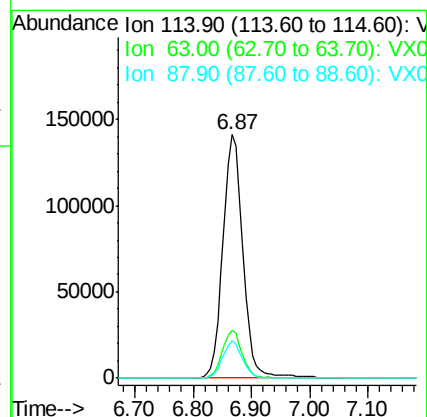
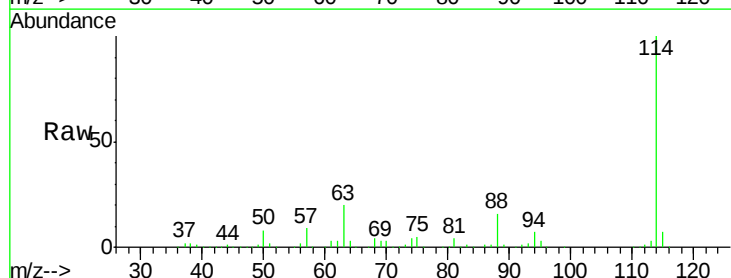
Tgt Ion: 114 Resp: 336425

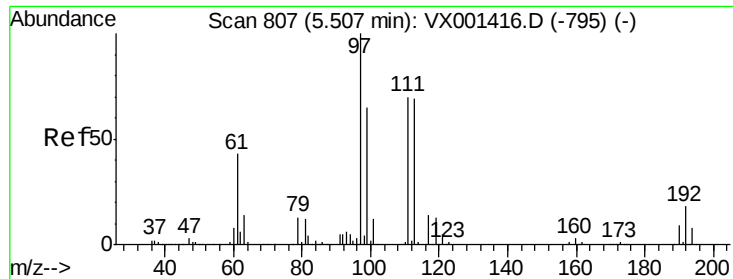
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.7 0.0 30.8

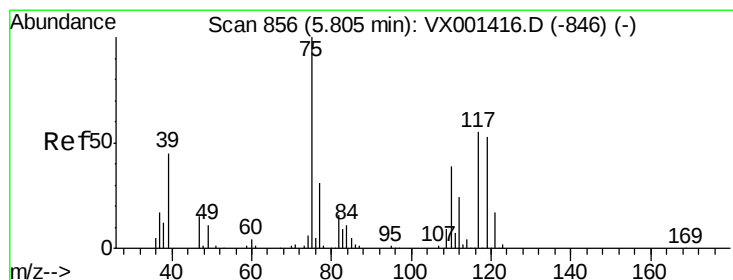
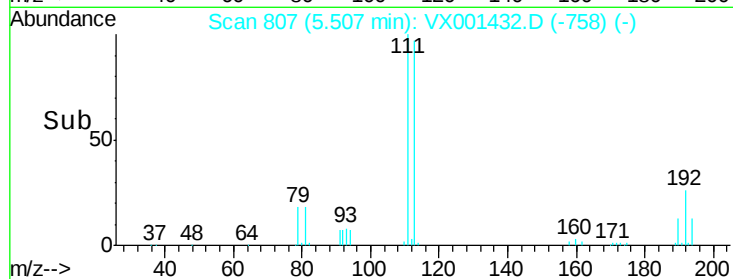
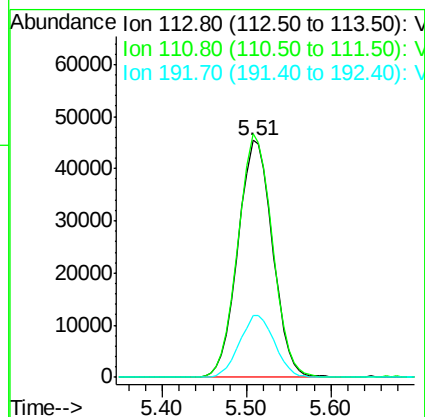
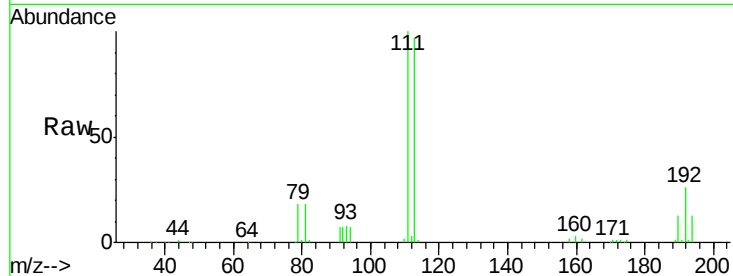




#35
 Dibromofluoromethane
 Concen: 42.45 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001432.D
 Acq: 05 May 2018 21:28

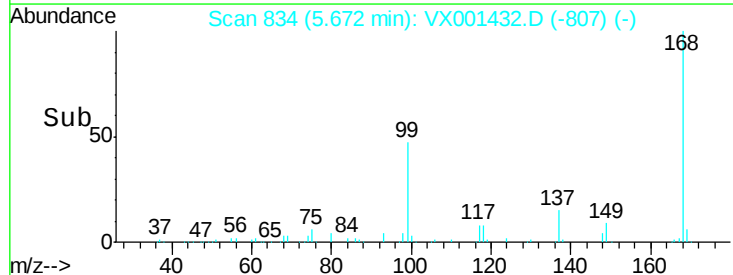
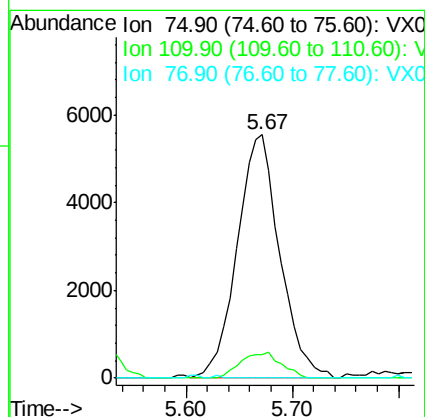
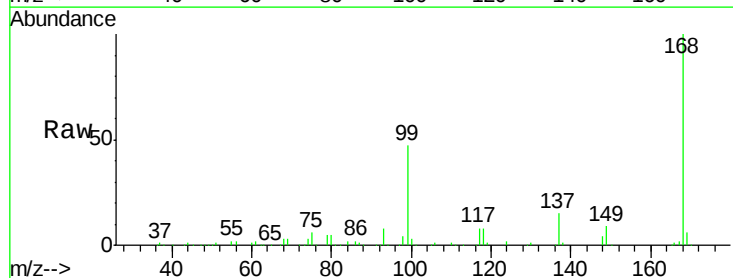
Instrument :
 MSVOA_X
 ClientSampleId :
 003

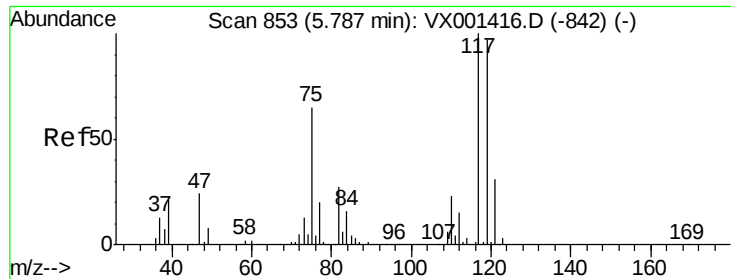
Tgt Ion:113 Resp: 127018
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 26.3 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.63 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001432.D
 Acq: 05 May 2018 21:28

Tgt Ion: 75 Resp: 15516
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.9 56.7#
 77 0.0 24.9 37.3#

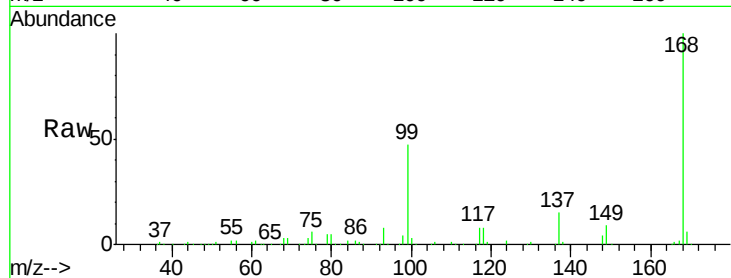




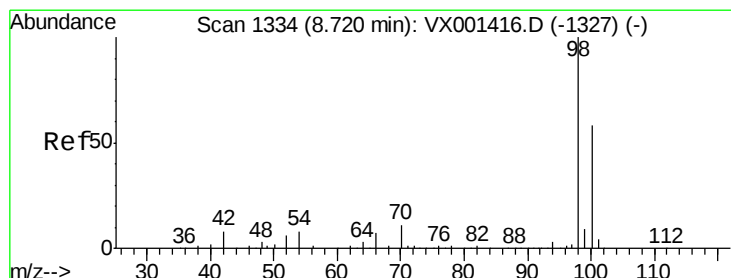
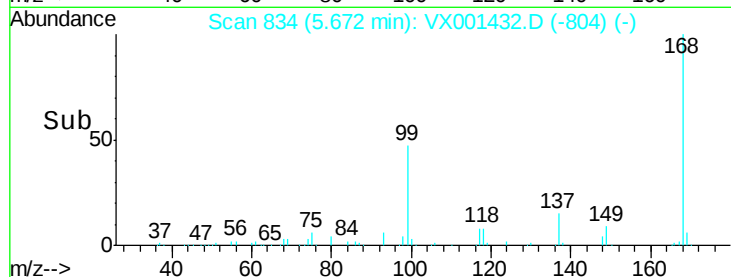
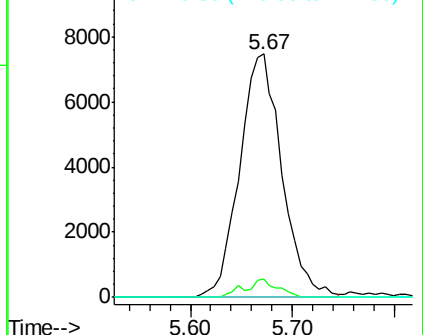
#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
003

Tgt Ion: 117 Resp: 21542
Ion Ratio Lower Upper
117 100
119 7.7 77.0 115.6#
121 0.0 25.1 37.7#

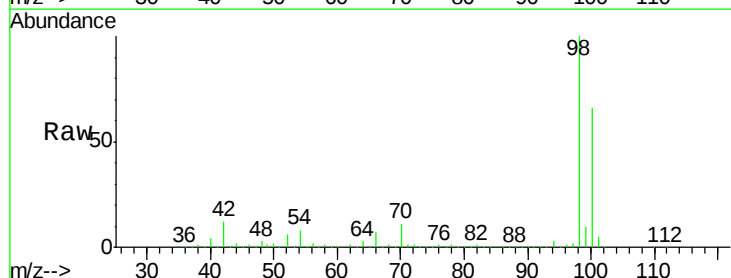


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

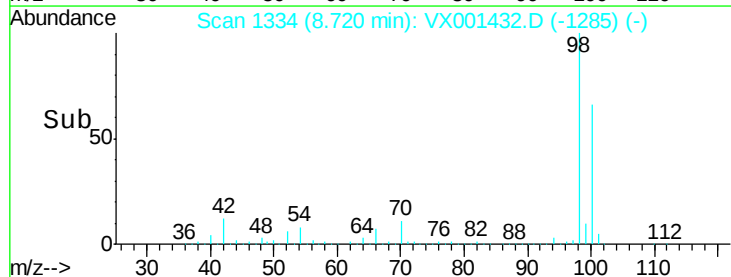
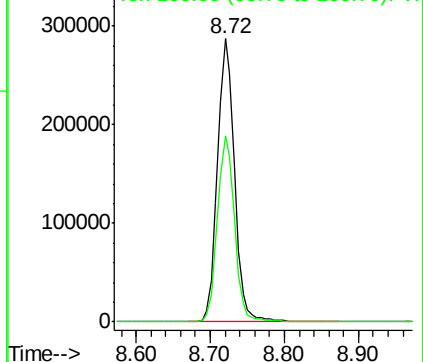


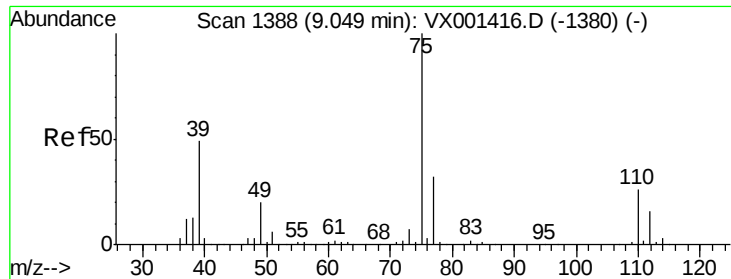
#50
Toluene-d8
Concen: 41.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Tgt Ion: 98 Resp: 454671
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#54

cis-1,3-Dichloropropene

Concen: 2.27 ug/l

RT: 9.04 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

003

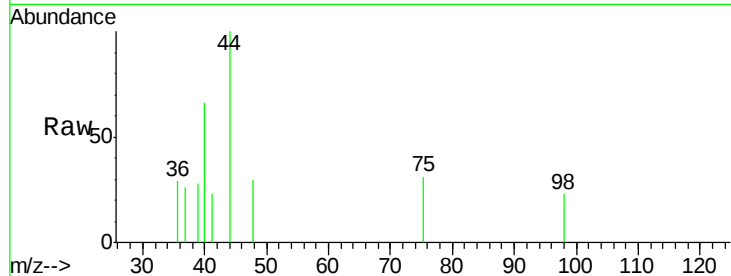
Tgt Ion: 75 Resp: 50

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

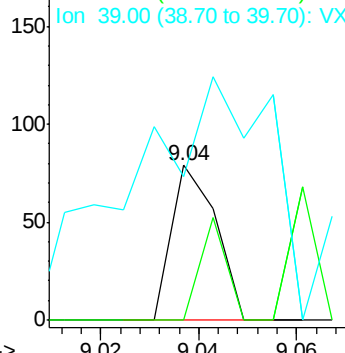
39 21.5 38.9 58.3#



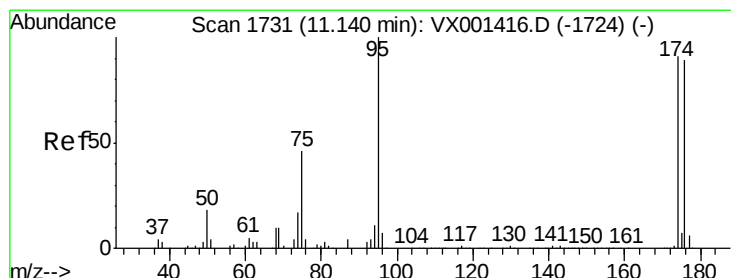
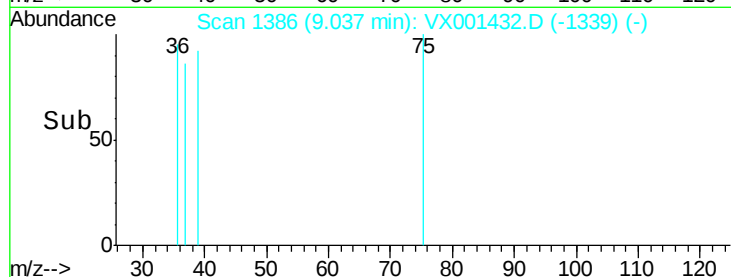
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 36.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

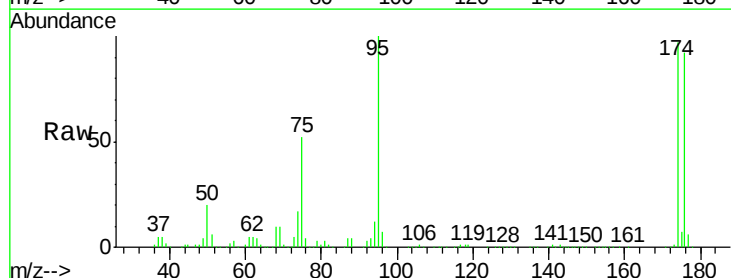
Tgt Ion: 95 Resp: 153744

Ion Ratio Lower Upper

95 100

174 101.0 0.0 202.0

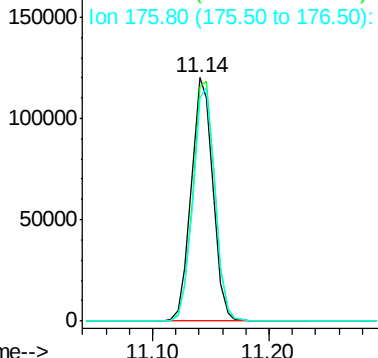
176 97.6 0.0 197.4



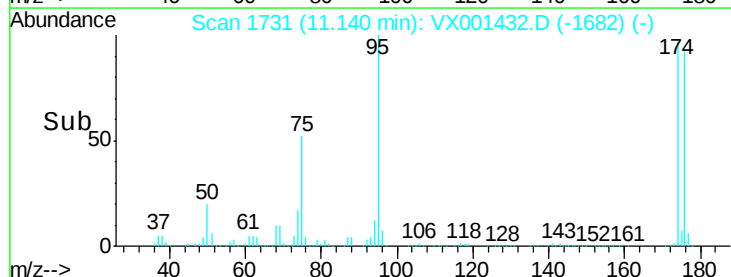
Abundance Ion 94.90 (94.60 to 95.60): VX0

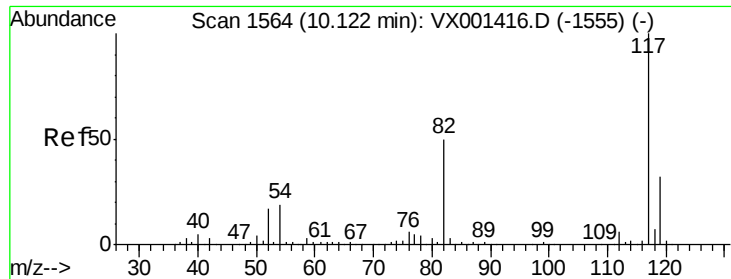
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

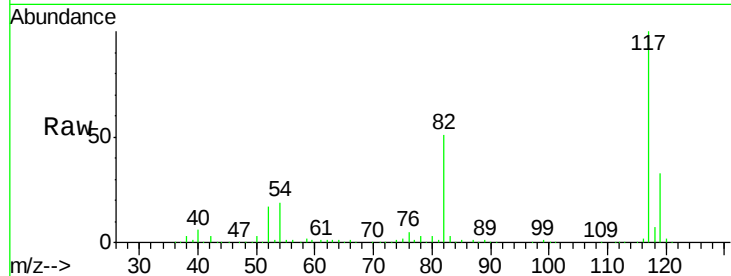




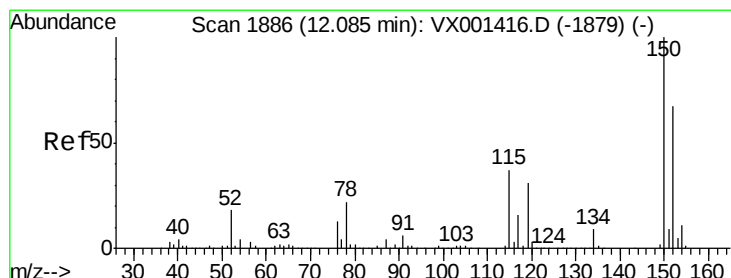
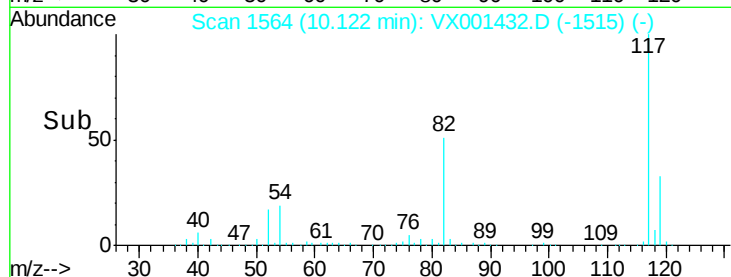
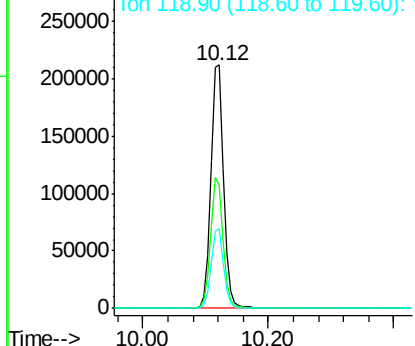
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Instrument :
MSVOA_X
ClientSampled :
003

Tgt Ion:117 Resp: 296782
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 32.5 25.8 38.8

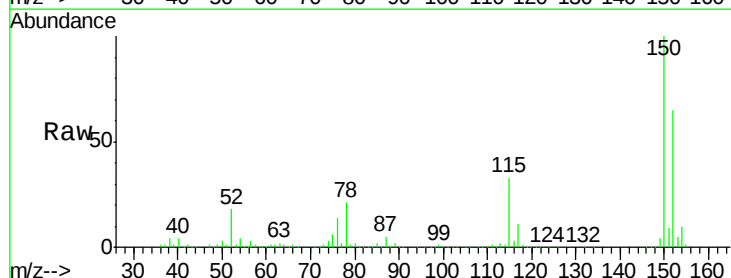


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

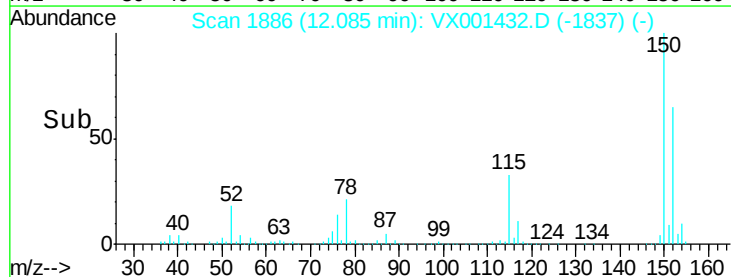
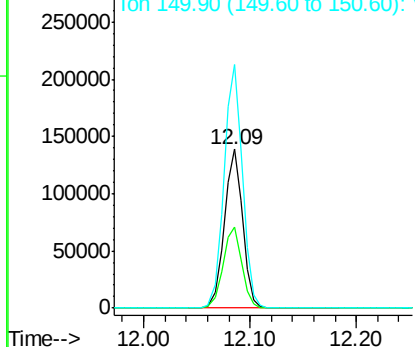


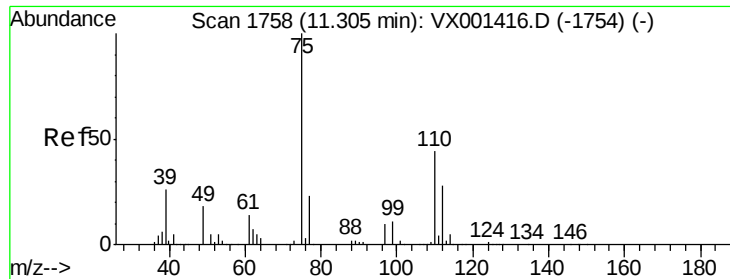
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Tgt Ion:152 Resp: 166653
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 154.2 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

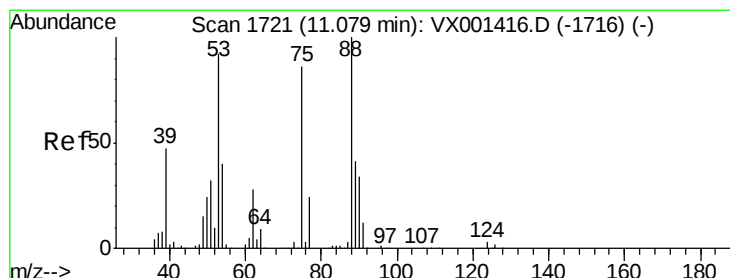
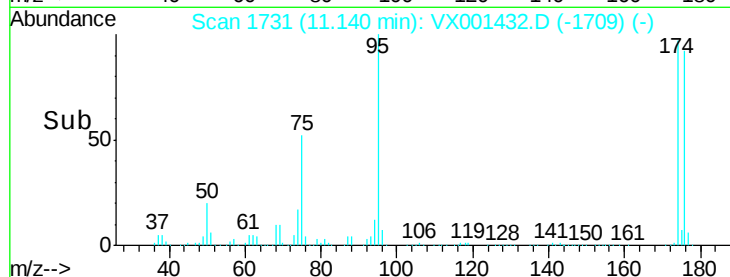
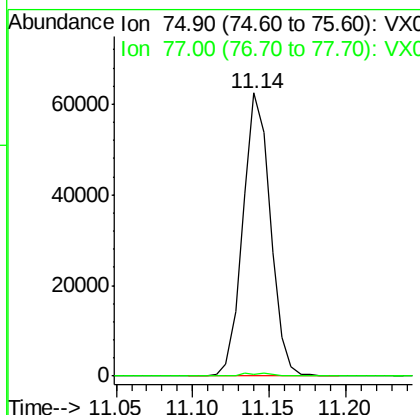
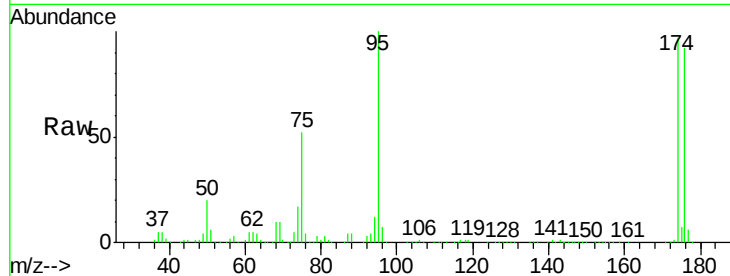




#76
 1,2,3-Trichloropropane
 Concen: 23.09 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001432.D
 Acq: 05 May 2018 21:28

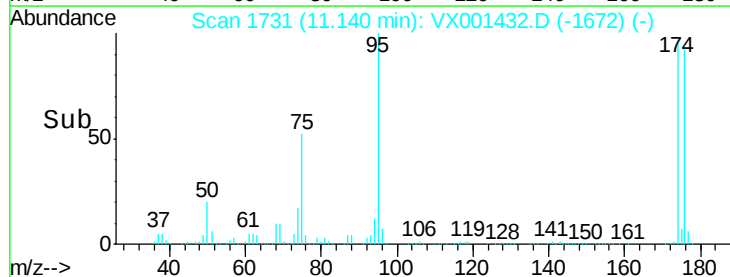
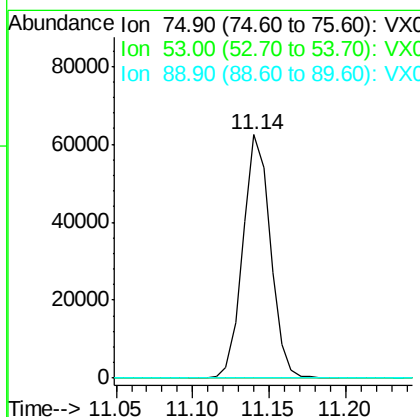
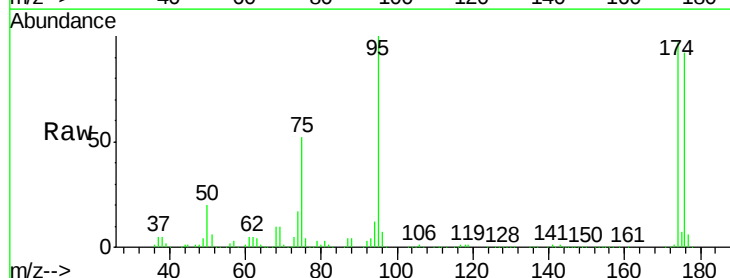
Instrument :
 MSVOA_X
 ClientSampleId :
 003

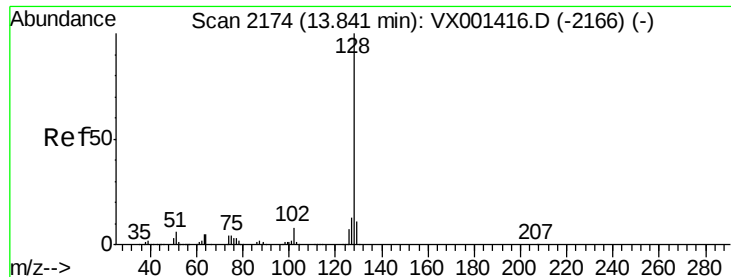
Tgt Ion: 75 Resp: 78035
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001432.D
 Acq: 05 May 2018 21:28

Tgt Ion: 75 Resp: 78035
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.5 126.7#
 89 0.0 39.5 59.3#

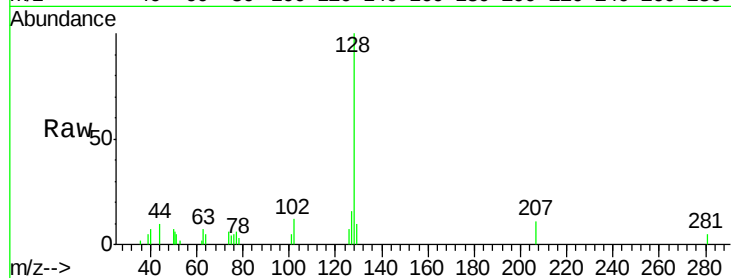




#95
Naphthalene
Concen: 0.27 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
003

Tgt Ion:128 Resp: 3273
Ion Ratio Lower Upper
128 100
127 17.0 10.4 15.6#
129 12.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

