

Data File : VX001614.D

Acq On : 10 May 2018 20:48

Operator : JC/MD

Sample : J2836-03 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-9A

Quant Time: May 11 07:01:04 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	234634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	158669	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	122432	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	8.72	98	437598	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
62) 4-Bromofluorobenzene	11.15	95	138503	35.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.04%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	786	Below Cal	#	78
11) Tert butyl alcohol	3.07	59	228	0.32	ug/l	# 72
13) Acrolein	2.29	56	54	Below Cal	#	16
16) Acetone	2.45	43	5742	3.75	ug/l	99
18) Methyl Acetate	2.78	43	6538	1.63	ug/l	92
20) Methylene Chloride	2.86	84	33642	11.10	ug/l	98
25) 2-Butanone	4.72	43	1455	0.66	ug/l	100
29) Tetrahydrofuran	5.18	42	980	0.69	ug/l	# 51
31) Cyclohexane	5.67	56	4229	0.97	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	14717	3.65	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	20466	4.75	ug/l	# 16
54) cis-1,3-Dichloropropene	9.04	75	42	2.27	ug/l	# 17
76) 1,2,3-Trichloropropane	11.15	75	70880	23.82	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.15	75	70880	73.71	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	1859	0.21	ug/l	85
95) Naphthalene	13.84	128	41495	3.82	ug/l	99

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

Data File : VX001614.D

Acq On : 10 May 2018 20:48

Operator : JC/MD

Sample : J2836-03 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

TP-9A

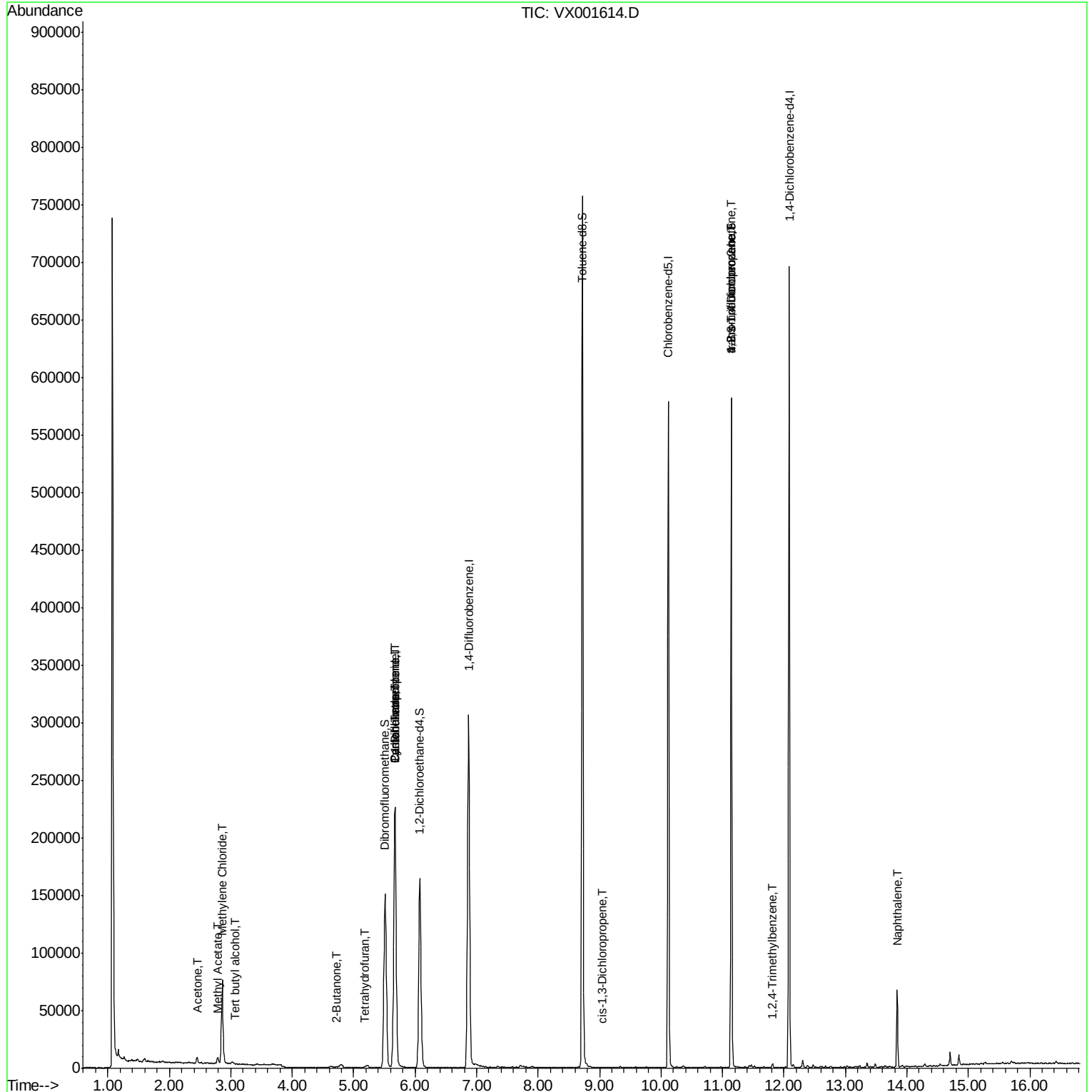
Quant Time: May 11 07:01:04 2018

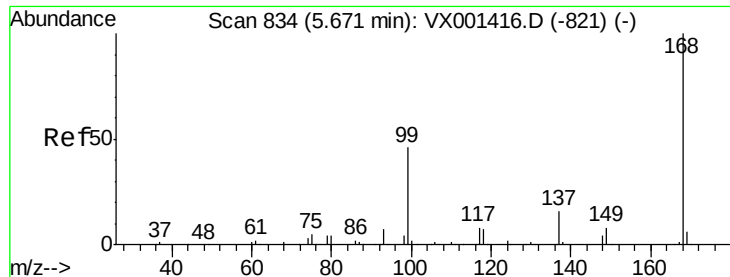
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

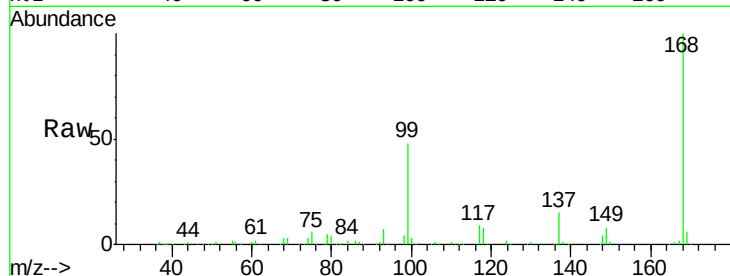
TP-9A

Tgt Ion:168 Resp: 234634

Ion Ratio Lower Upper

168 100

99 47.8 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

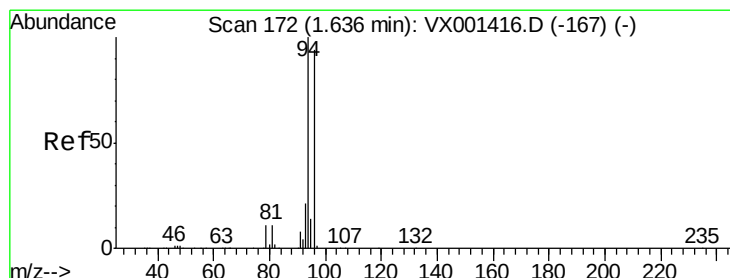
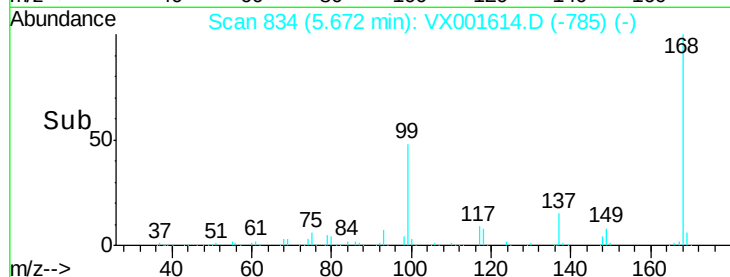
60000

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: VX001614.D

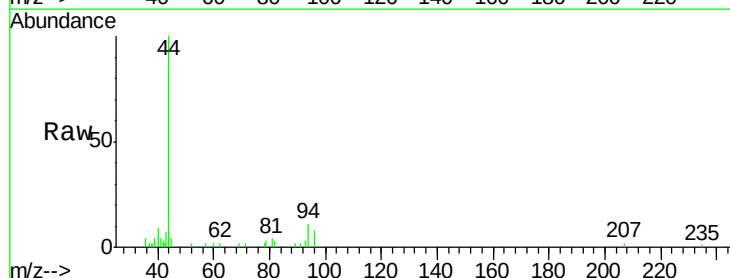
Acq: 10 May 2018 20:48

Tgt Ion: 94 Resp: 786

Ion Ratio Lower Upper

94 100

96 72.3 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

400

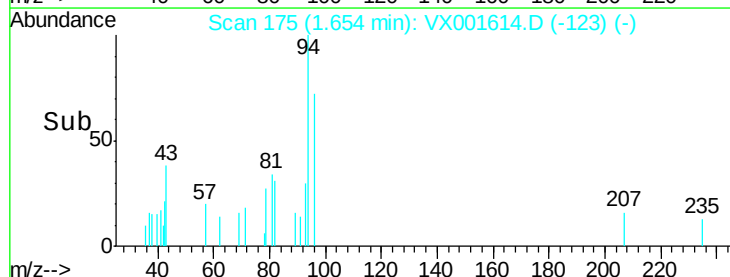
300

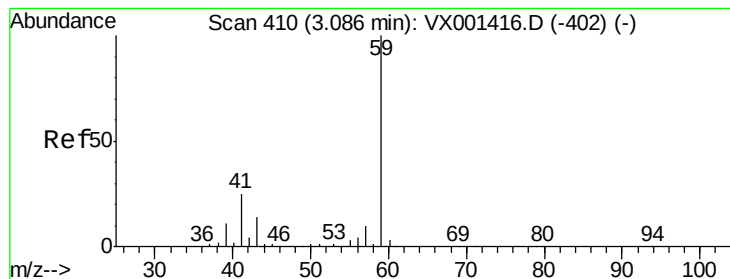
200

100

0

Time--> 1.60 1.65 1.70



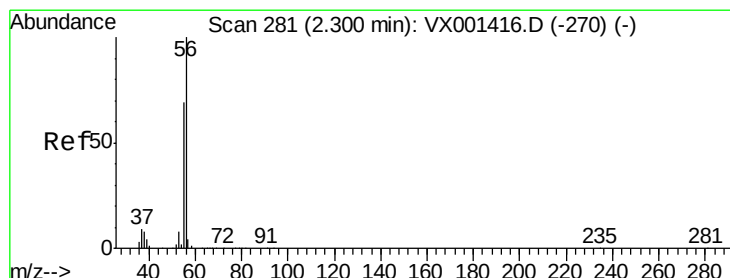
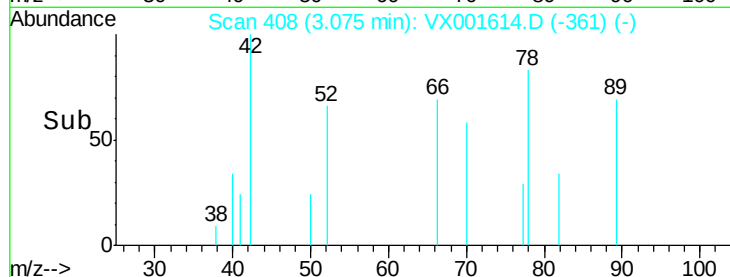
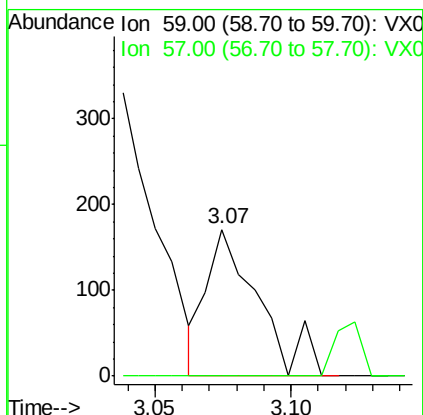
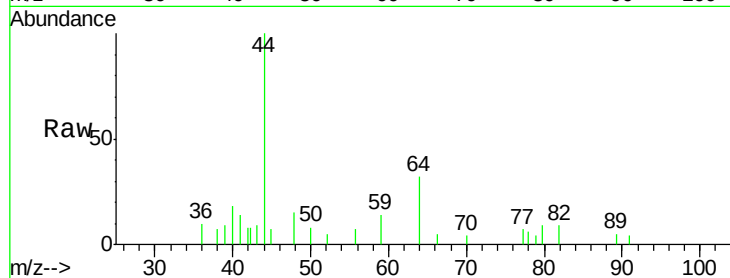


#11

Tert butyl alcohol
 Concen: 0.32 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Instrument :
 MSVOA_X
 ClientSampled :
 TP-9A

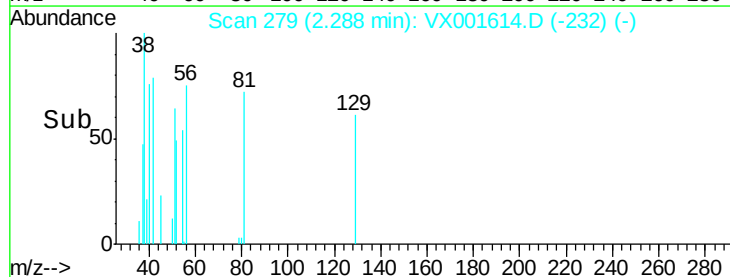
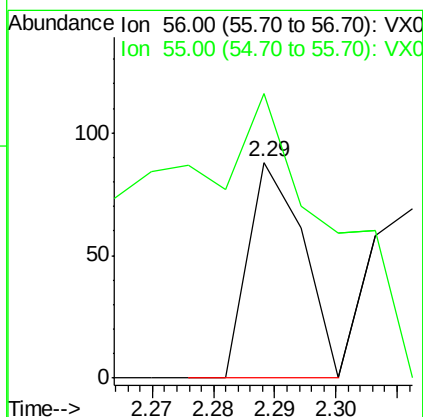
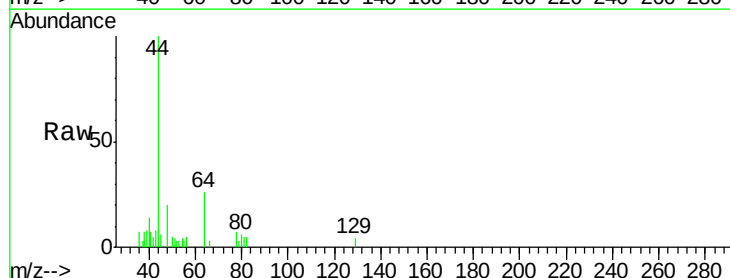
Tgt Ion: 59 Resp: 228
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

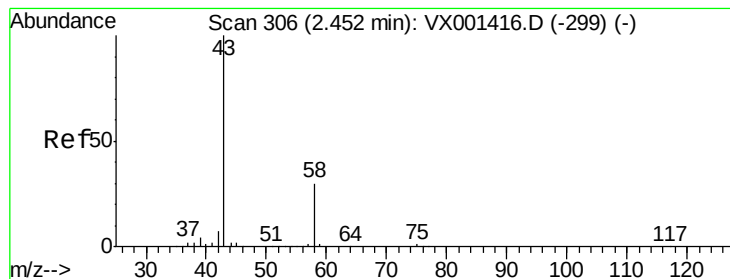


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion: 56 Resp: 54
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.5 81.7#





#16

Acetone

Concen: 3.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

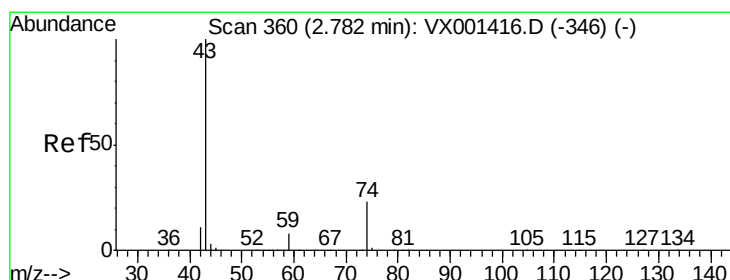
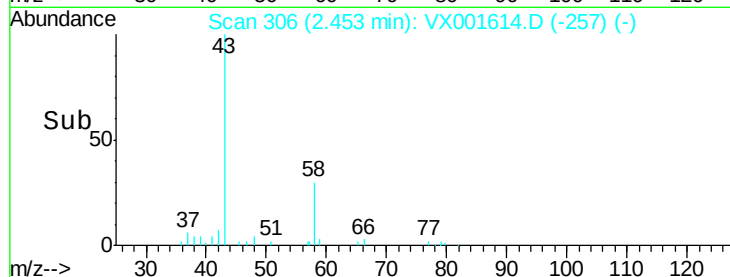
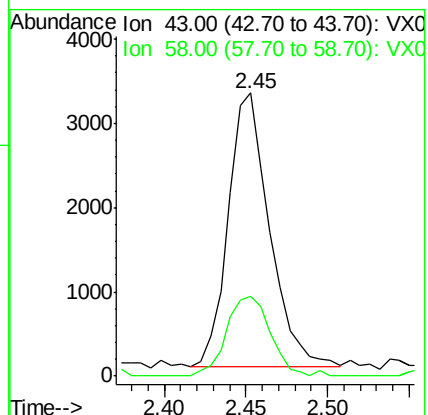
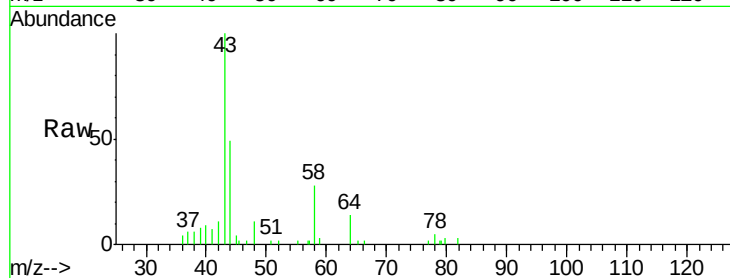
TP-9A

Tgt Ion: 43 Resp: 5742

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8



#18

Methyl Acetate

Concen: 1.63 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001614.D

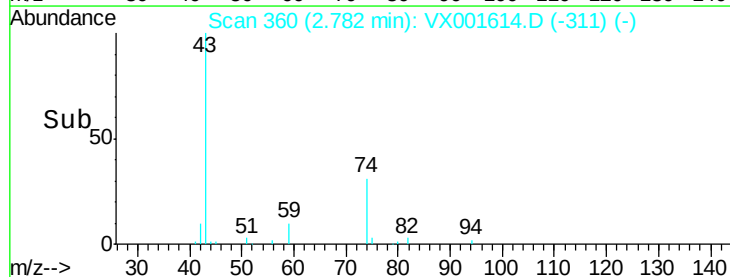
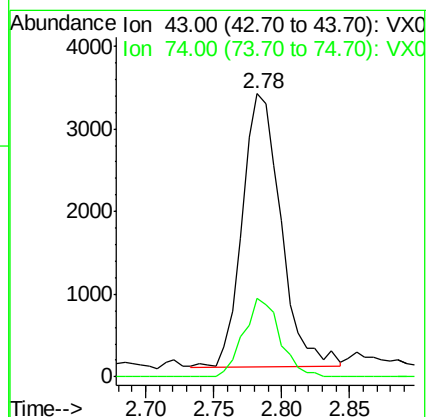
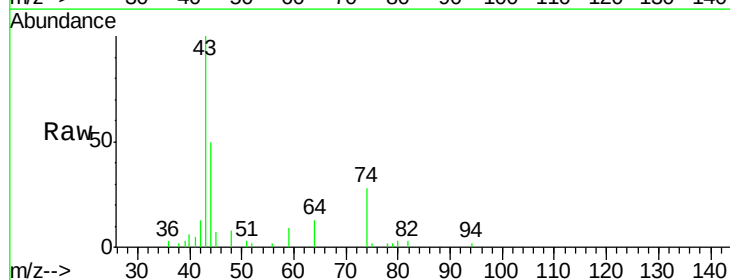
Acq: 10 May 2018 20:48

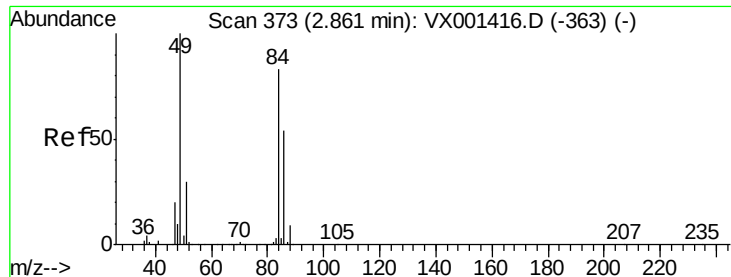
Tgt Ion: 43 Resp: 6538

Ion Ratio Lower Upper

43 100

74 27.2 18.6 27.8



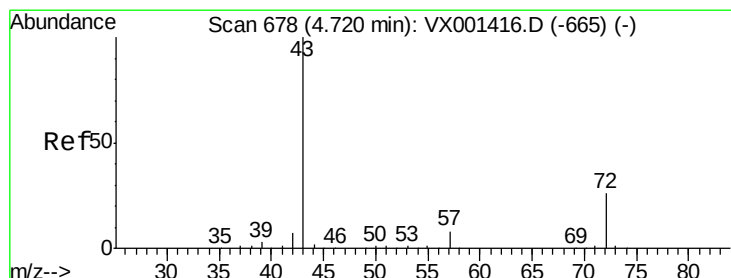
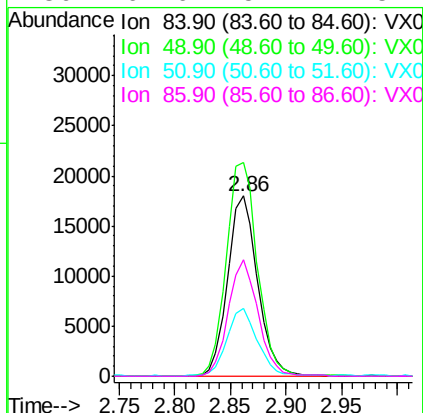
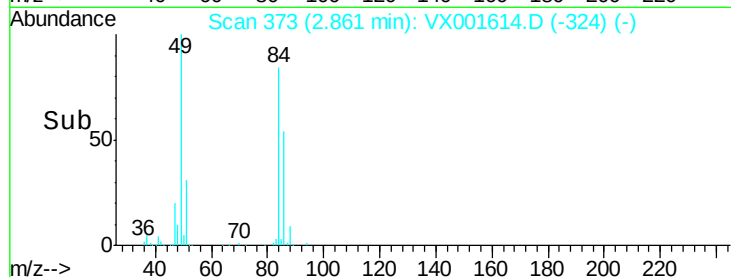
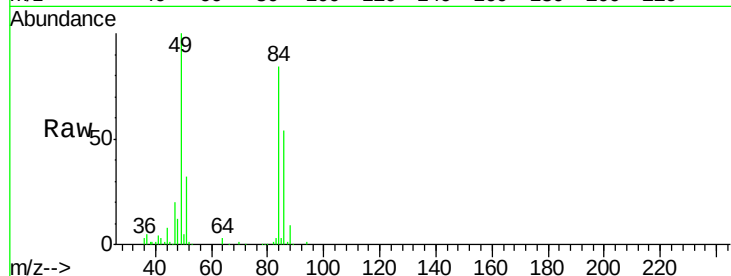


#20
Methylene Chloride
Concen: 11.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001614.D
Acq: 10 May 2018 20:48

Instrument :
MSVOA_X
ClientSampled :
TP-9A

Tgt Ion: 84 Resp: 33642

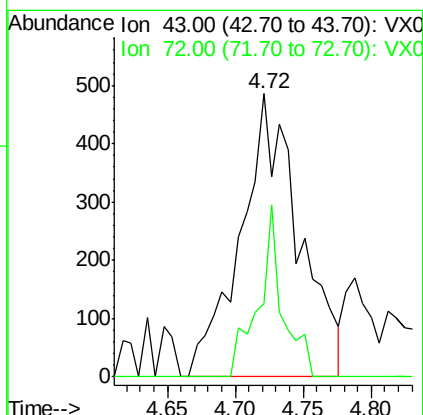
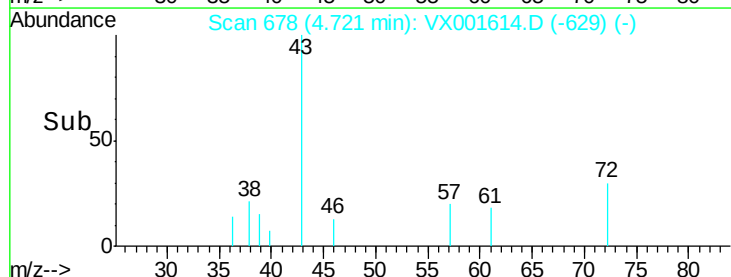
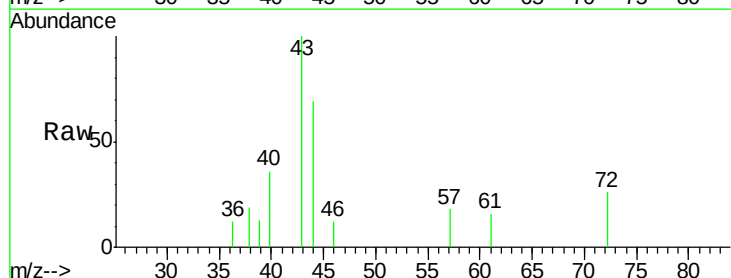
Ion	Ratio	Lower	Upper
84	100		
49	118.6	96.6	144.8
51	37.6	29.0	43.4
86	64.6	52.2	78.4

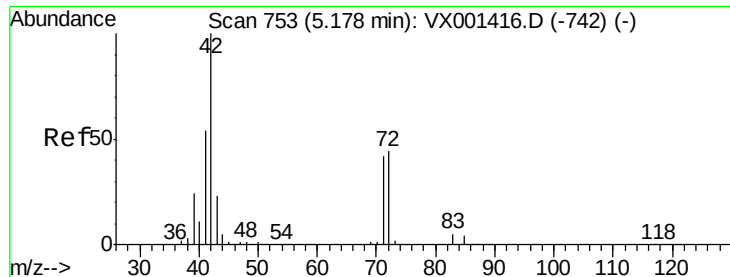


#25
2-Butanone
Concen: 0.66 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001614.D
Acq: 10 May 2018 20:48

Tgt Ion: 43 Resp: 1455

Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.7	31.1





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

TP-9A

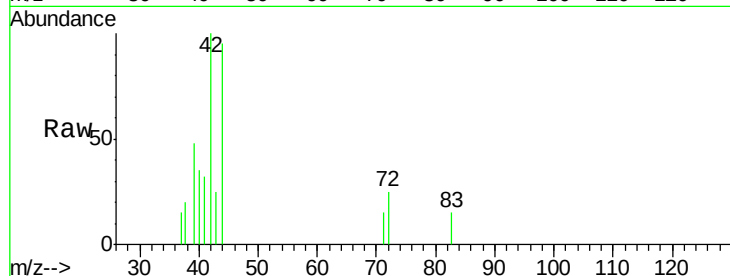
Tgt Ion: 42 Resp: 980

Ion Ratio Lower Upper

42 100

72 22.0 35.4 53.2#

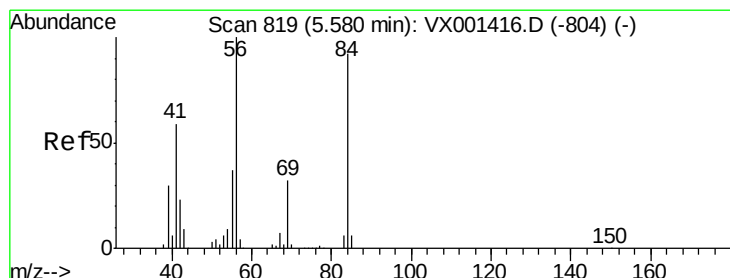
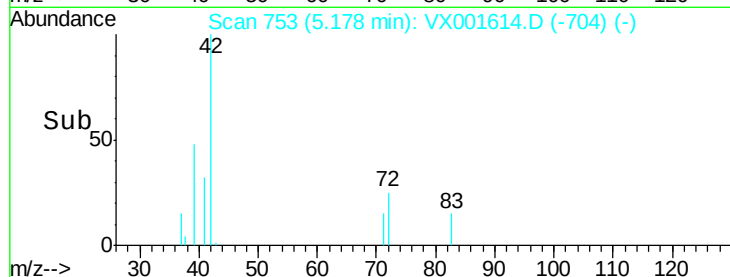
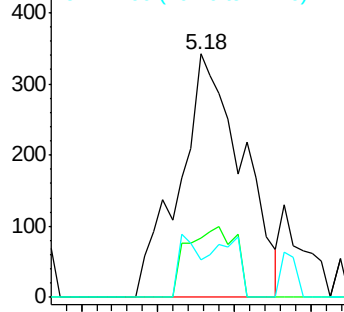
71 0.0 33.0 49.4#



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: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

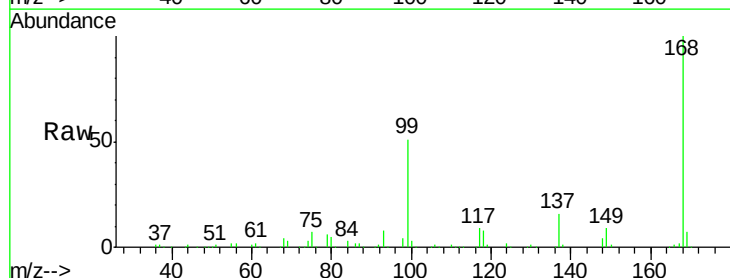
Tgt Ion: 56 Resp: 4229

Ion Ratio Lower Upper

56 100

69 174.6 25.4 38.0#

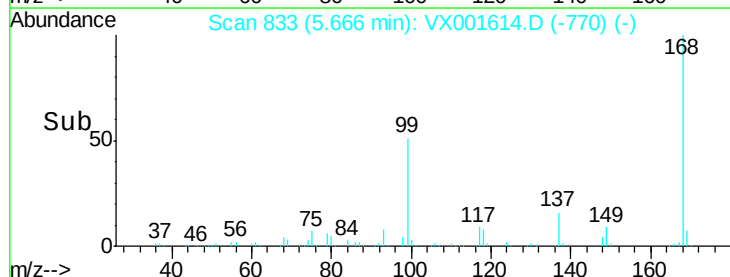
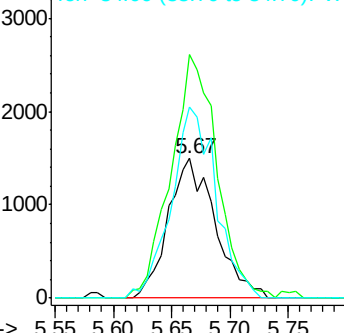
84 137.4 73.8 110.8#

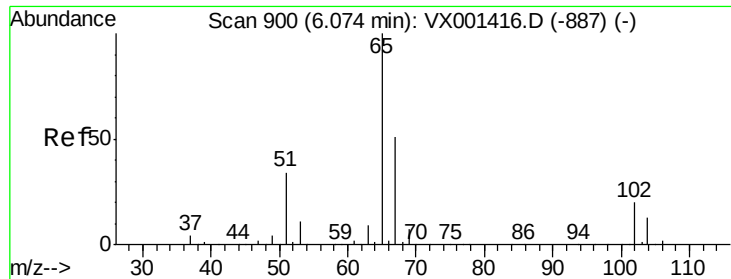


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

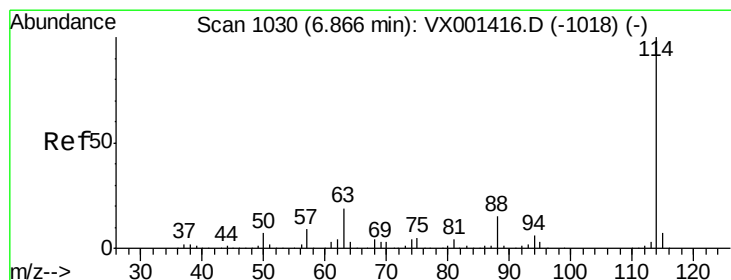
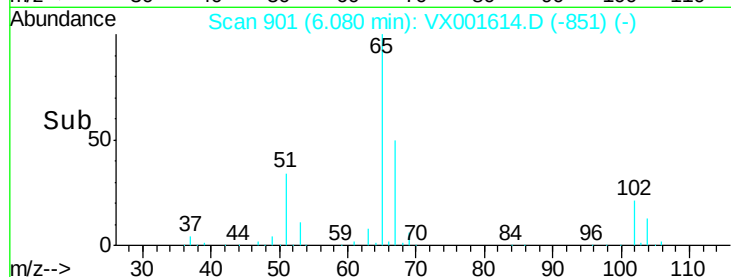
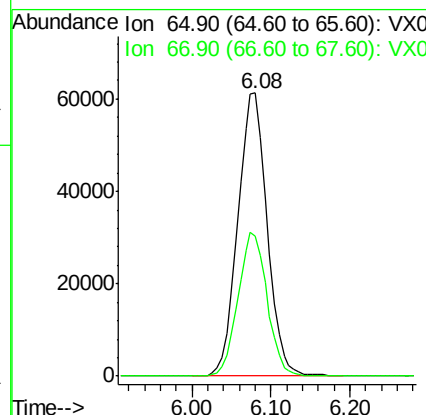
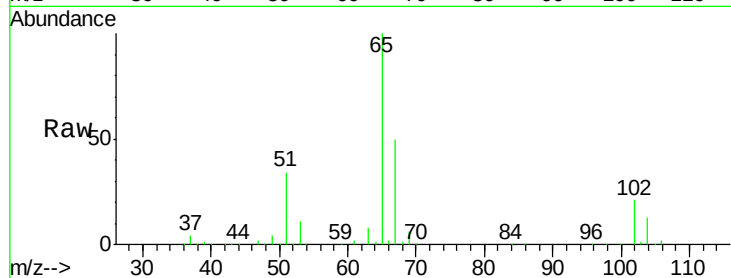




#33
 1,2-Dichloroethane-d4
 Concen: 47.05 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

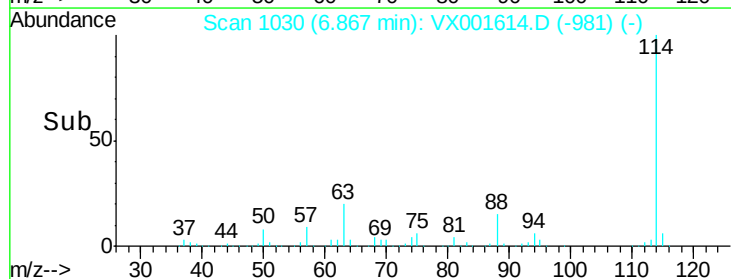
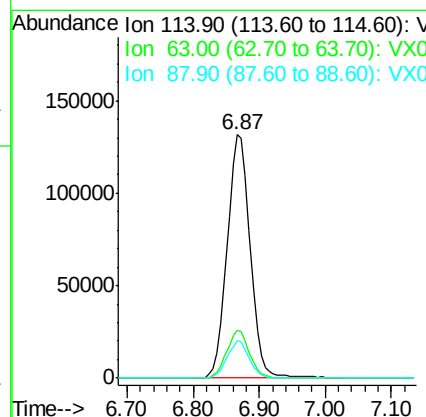
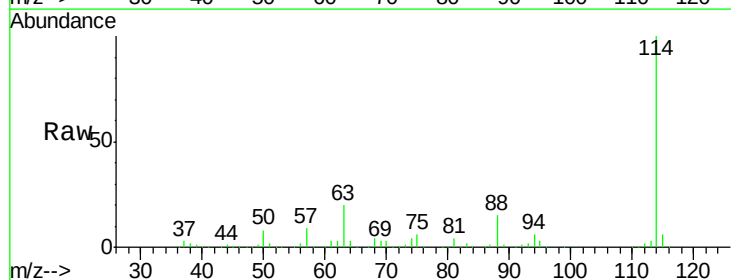
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9A

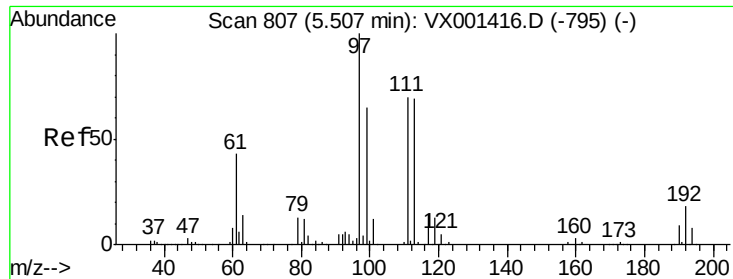
Tgt Ion: 65 Resp: 158669
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion: 114 Resp: 317345
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.5 0.0 30.8

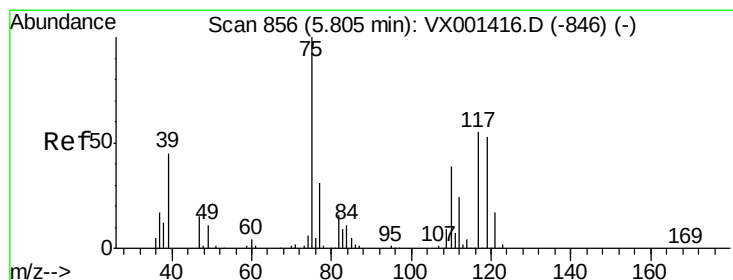
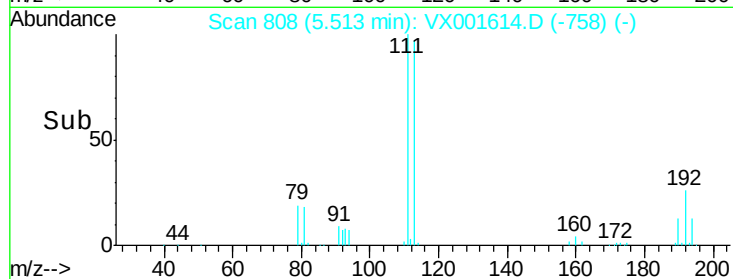
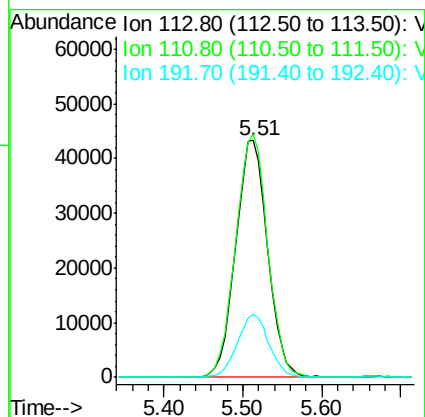
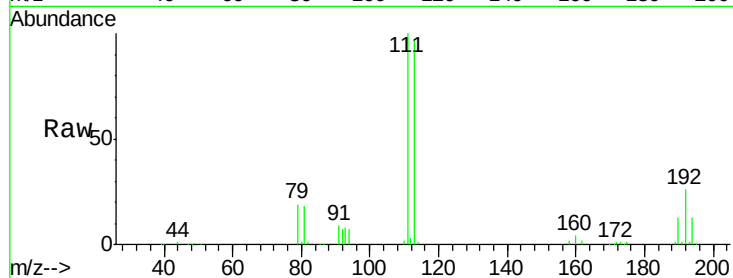




#35
 Dibromofluoromethane
 Concen: 43.37 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

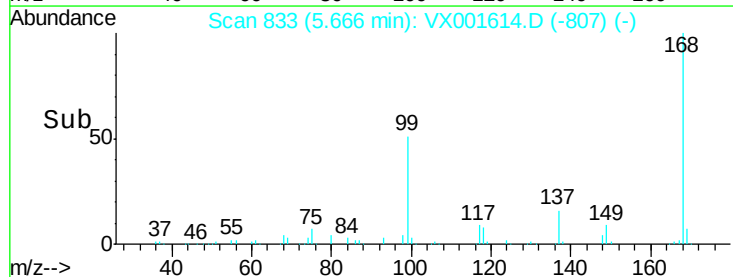
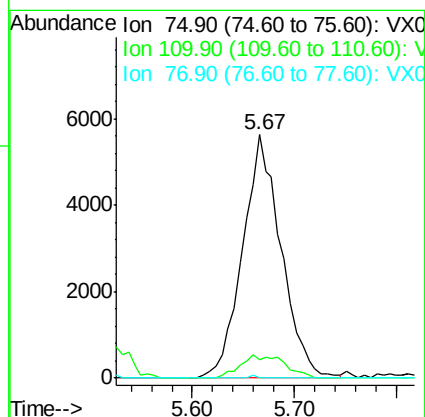
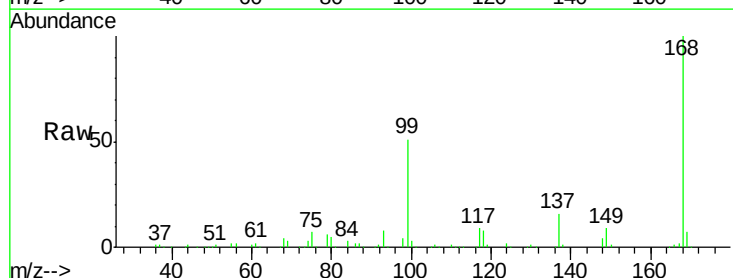
Instrument :
 MSVOA_X
 ClientSampled :
 TP-9A

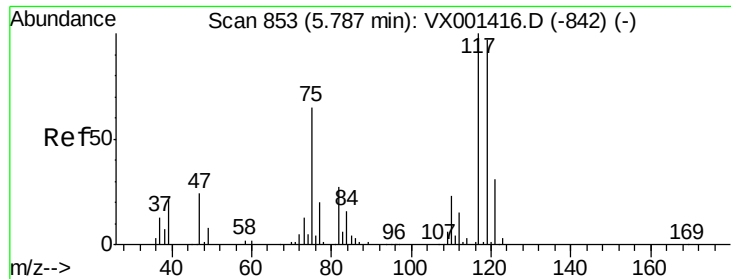
Tgt Ion:113 Resp: 122432
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 26.2 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion: 75 Resp: 14717
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.9 56.7#
 77 0.1 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.75 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampled :

TP-9A

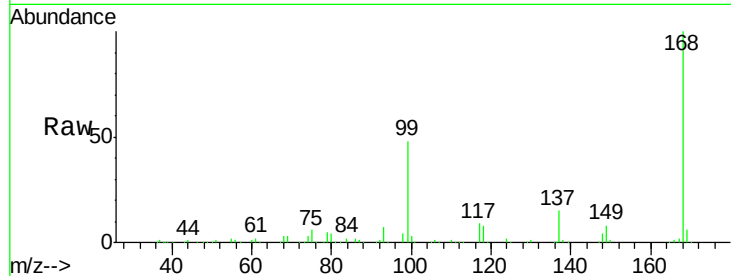
Tgt Ion: 117 Resp: 20466

Ion Ratio Lower Upper

117 100

119 5.2 77.0 115.6#

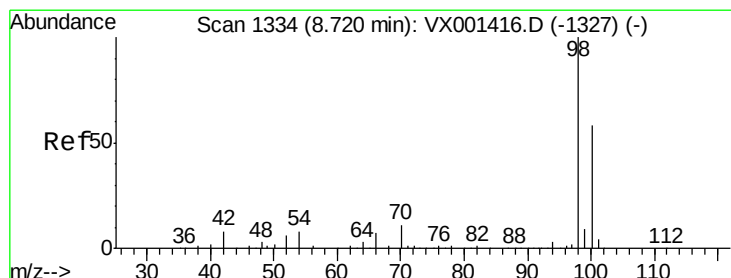
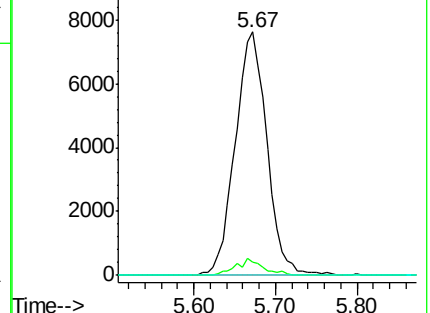
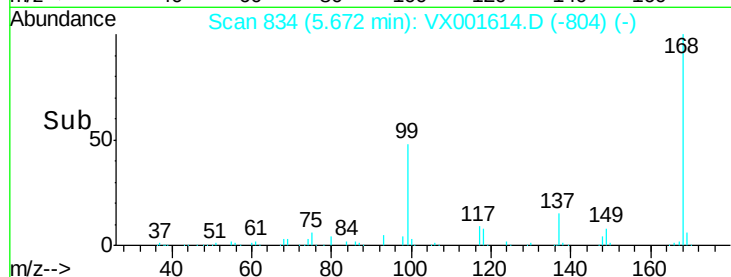
121 0.0 25.1 37.7#



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



#50

Toluene-d8

Concen: 42.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001614.D

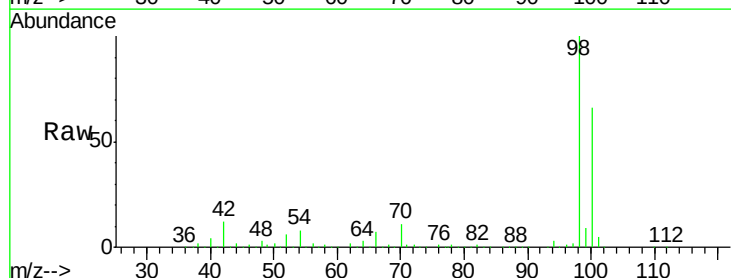
Acq: 10 May 2018 20:48

Tgt Ion: 98 Resp: 437598

Ion Ratio Lower Upper

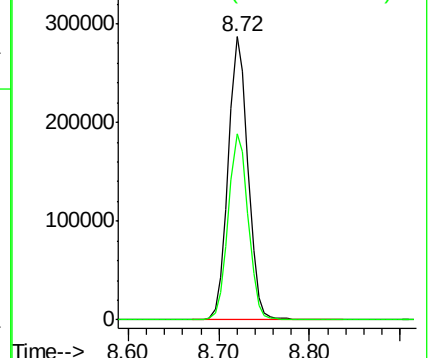
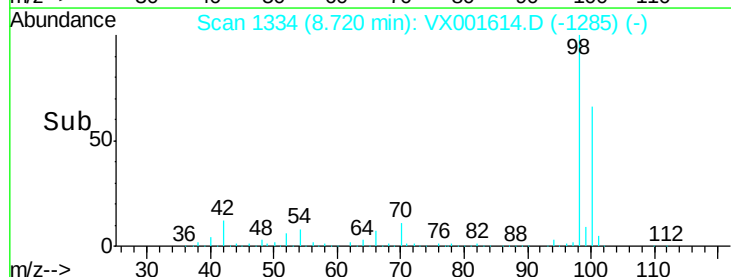
98 100

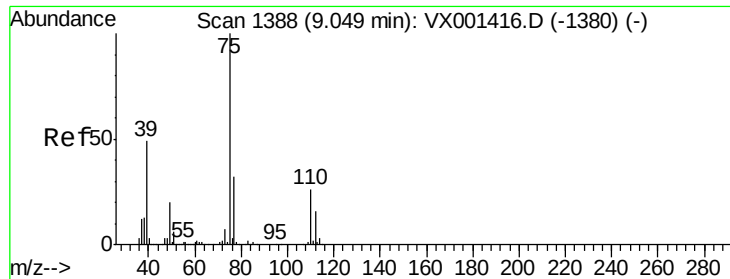
100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



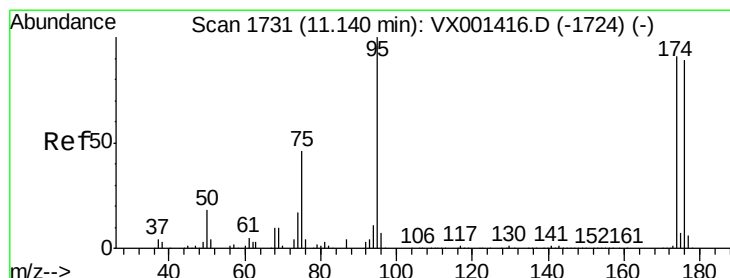
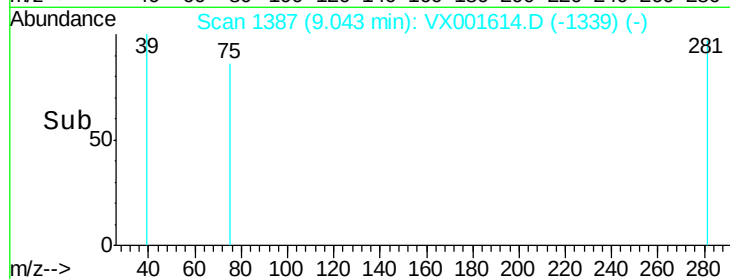
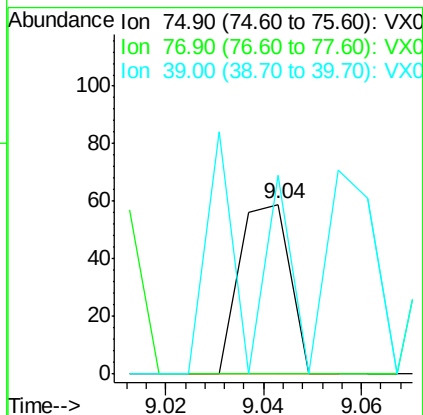
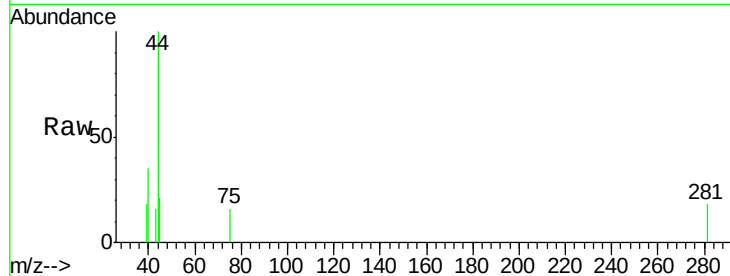


#54

cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Instrument :
 MSVOA_X
 ClientSampled :
 TP-9A

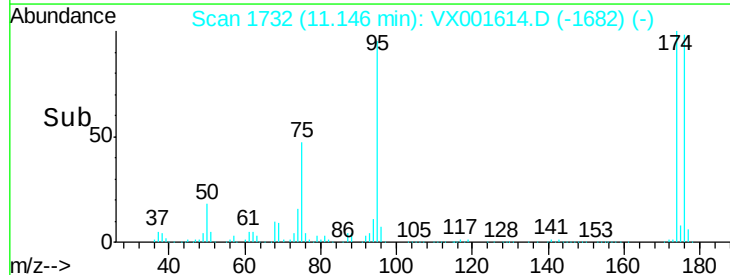
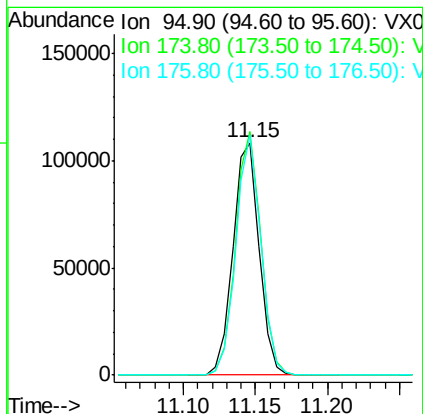
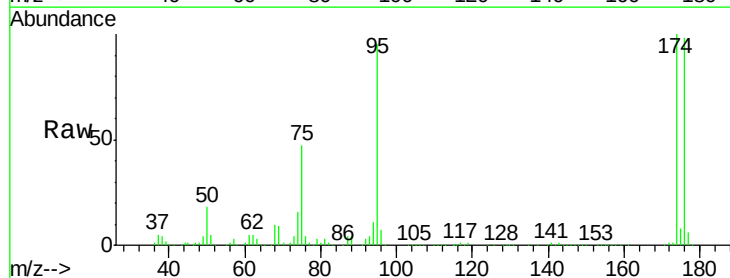
Tgt Ion: 75 Resp: 42
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 116.9 38.9 58.3#

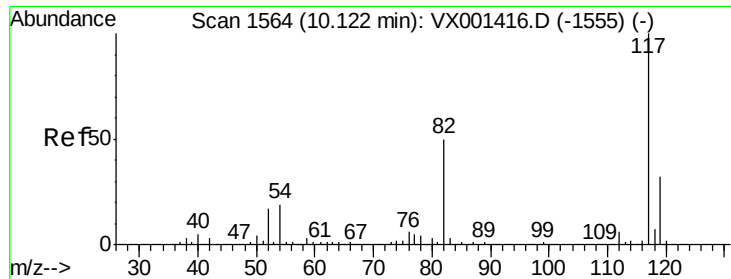


#62

4-Bromofluorobenzene
 Concen: 35.02 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion: 95 Resp: 138503
 Ion Ratio Lower Upper
 95 100
 174 100.9 0.0 202.0
 176 97.9 0.0 197.4

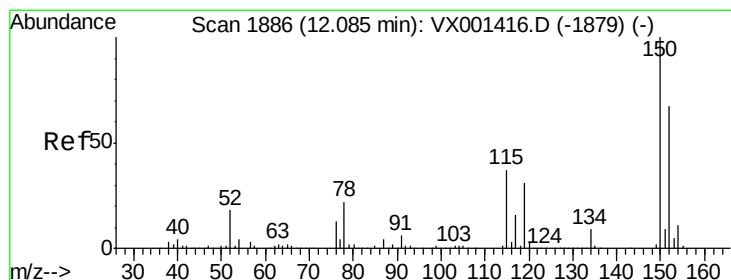
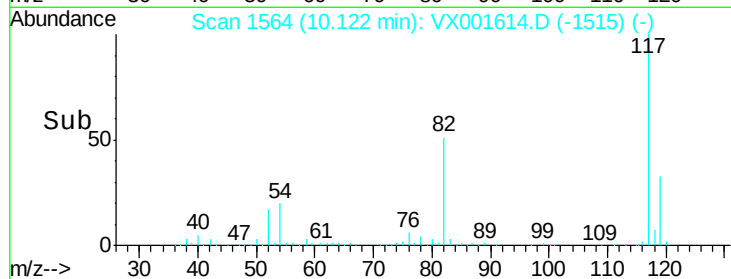
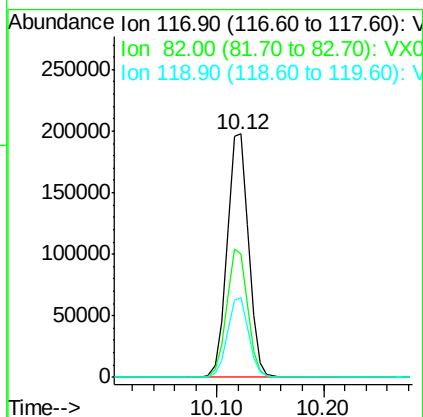
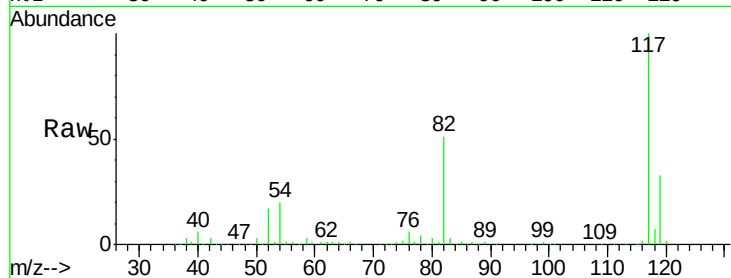




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001614.D
Acq: 10 May 2018 20:48

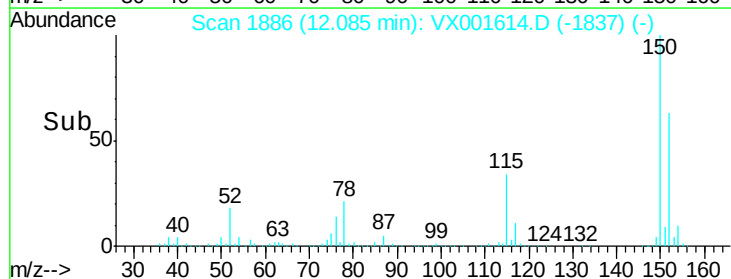
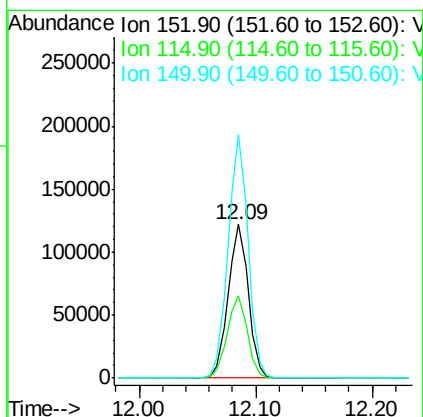
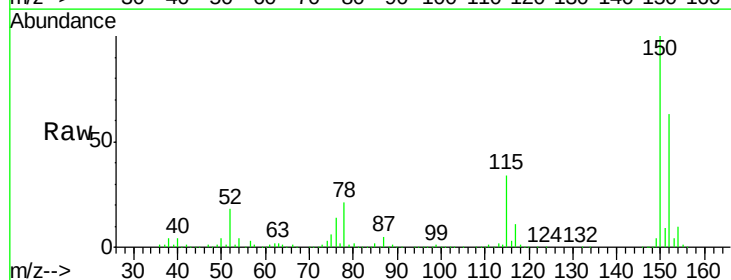
Instrument :
MSVOA_X
ClientSampled :
TP-9A

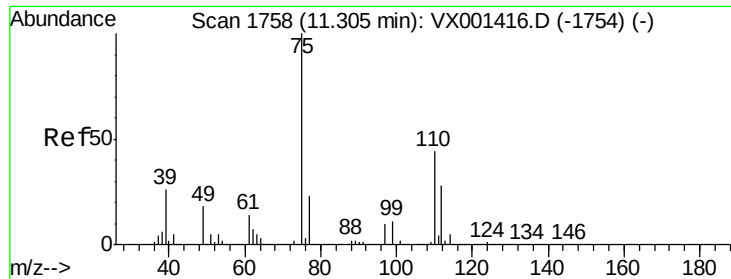
Tgt Ion:117 Resp: 279110
Ion Ratio Lower Upper
117 100
82 50.8 40.0 60.0
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001614.D
Acq: 10 May 2018 20:48

Tgt Ion:152 Resp: 146745
Ion Ratio Lower Upper
152 100
115 53.1 37.7 113.1
150 157.1 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 23.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampled :

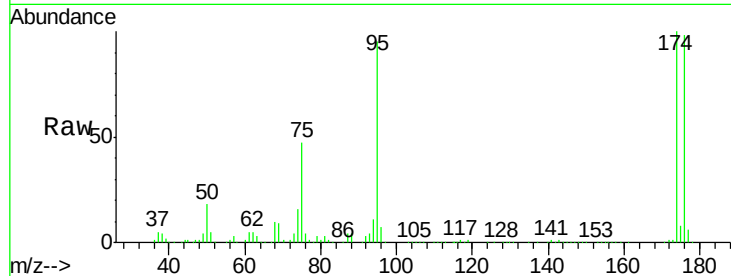
TP-9A

Tgt Ion: 75 Resp: 70880

Ion Ratio Lower Upper

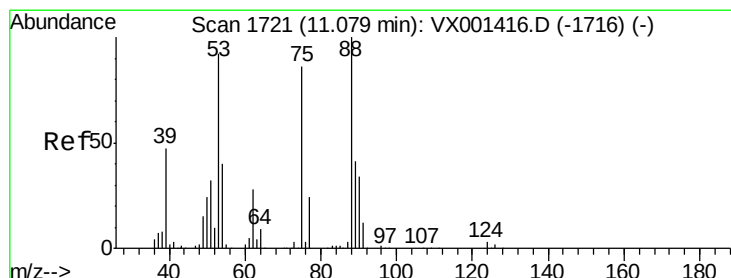
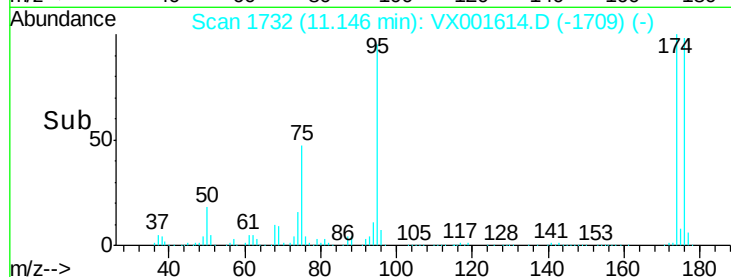
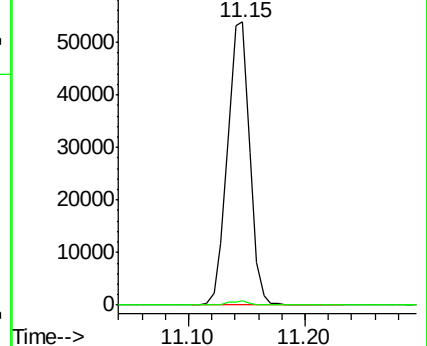
75 100

77 1.4 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: 73.71 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

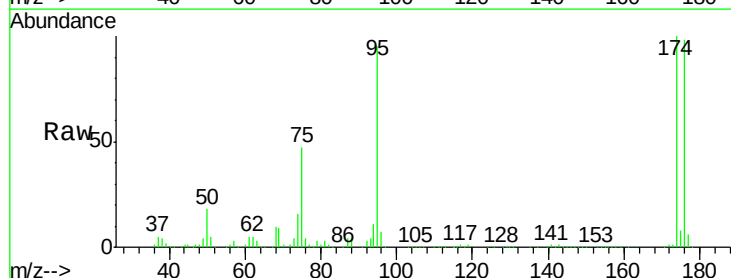
Tgt Ion: 75 Resp: 70880

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

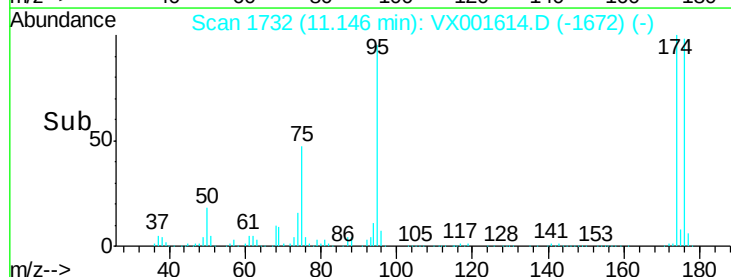
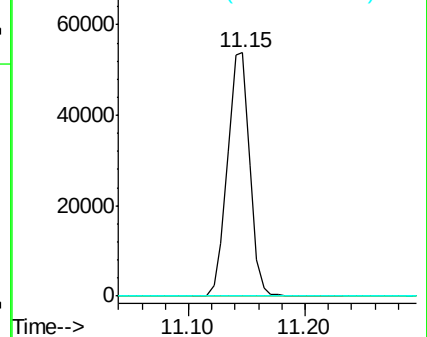
89 0.0 39.5 59.3#

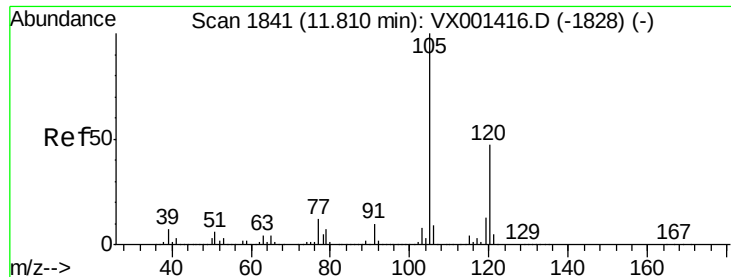


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

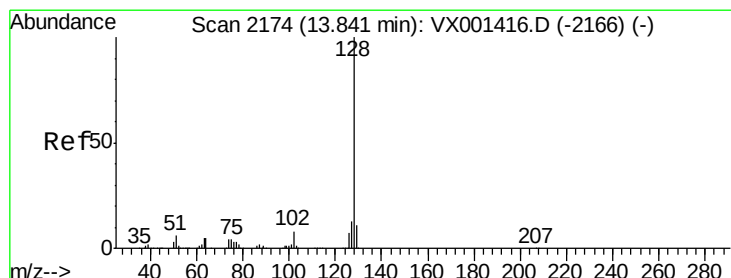
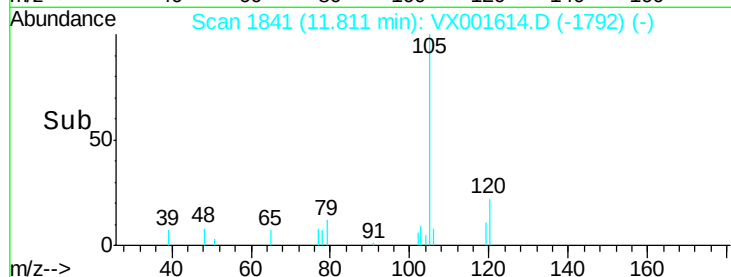
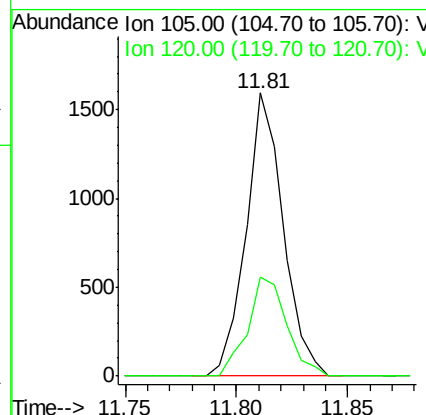
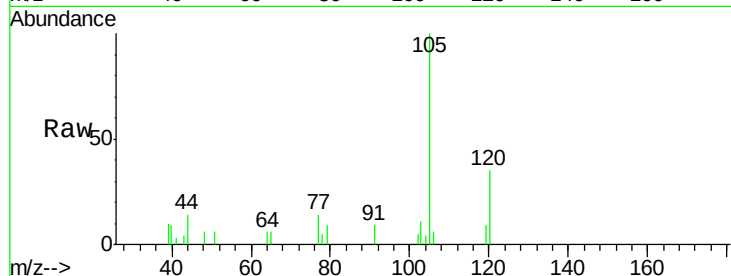




#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9A

Tgt Ion:105 Resp: 1859
 Ion Ratio Lower Upper
 105 100
 120 36.8 23.4 70.2



#95
 Naphthalene
 Concen: 3.82 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion:128 Resp: 41495
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 11.3 8.7 13.1

