

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001542.D
 Acq On : 09 May 2018 04:41
 Operator : JC/MD
 Sample : J2759-06 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2A-COMP

Quant Time: May 09 06:54:39 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	249586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175546	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	170633	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
35) Dibromofluoromethane	5.51	113	132152	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
50) Toluene-d8	8.72	98	477447	42.84	ug/l	0.00
Spiked Amount			Recovery	=	85.68%	
62) 4-Bromofluorobenzene	11.14	95	158733	37.10	ug/l	0.00
Spiked Amount			Recovery	=	74.20%	

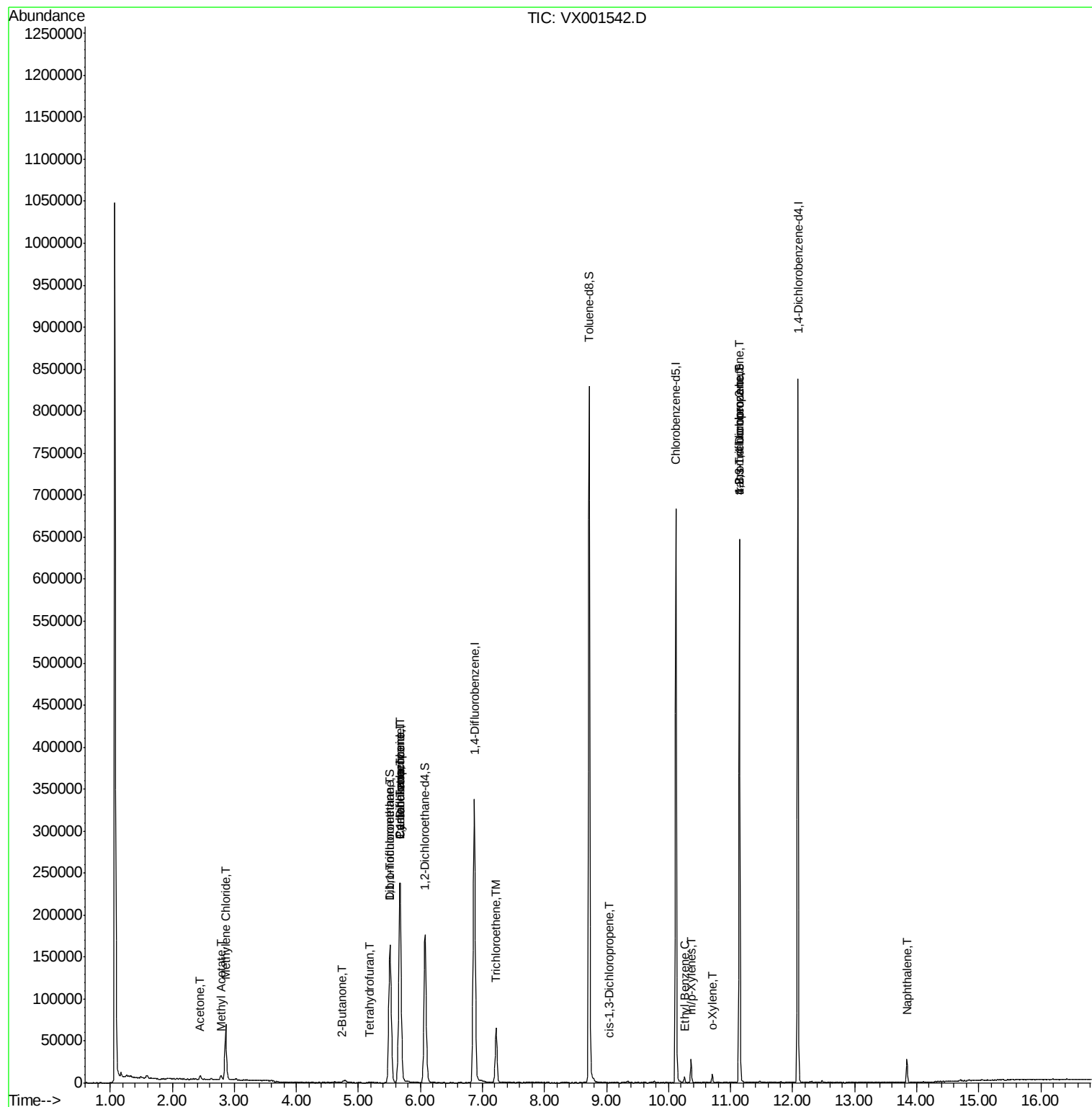
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.67	94	633	Below Cal	#	70
13) Acrolein	2.29	56	20	Below Cal	#	1
16) Acetone	2.45	43	5240	3.22	ug/l	95
18) Methyl Acetate	2.78	43	6148	1.44	ug/l	98
20) Methylene Chloride	2.86	84	30873	9.57	ug/l	98
25) 2-Butanone	4.72	43	1213	0.52	ug/l	# 82
29) Tetrahydrofuran	5.18	42	744	0.49	ug/l	# 67
31) Cyclohexane	5.67	56	4438	0.96	ug/l	# 23
32) 1,1,1-Trichloroethane	5.51	97	1225	0.25	ug/l	# 51
36) 1,1-Dichloropropene	5.67	75	15749	3.61	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	21762	4.67	ug/l	# 15
44) Trichloroethene	7.22	130	25635	6.58	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	21	2.27	ug/l	# 1
67) Ethyl Benzene	10.26	91	3546	0.24	ug/l	93
68) m/p-Xylenes	10.36	106	6480	1.10	ug/l	99
69) o-Xylene	10.71	106	2102	0.37	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	80986	22.75	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	80986	70.59	ug/l	# 7
95) Naphthalene	13.84	128	16243	1.25	ug/l	99

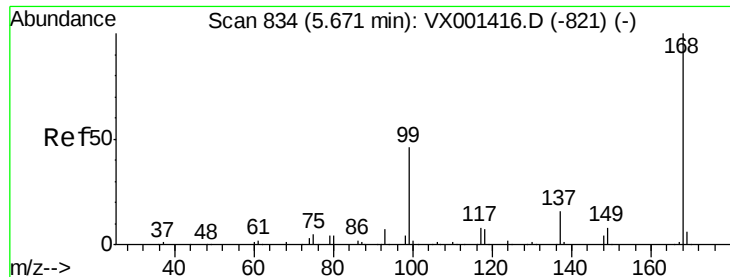
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

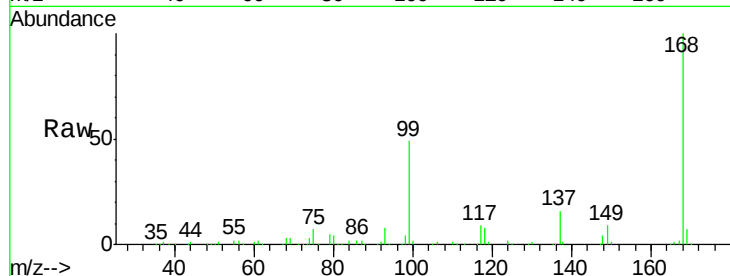
TP-2A-COMP

Tgt Ion:168 Resp: 249586

Ion Ratio Lower Upper

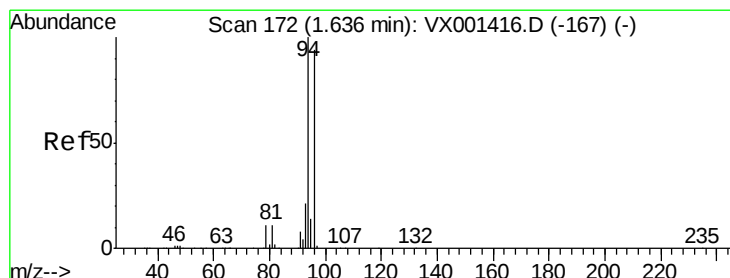
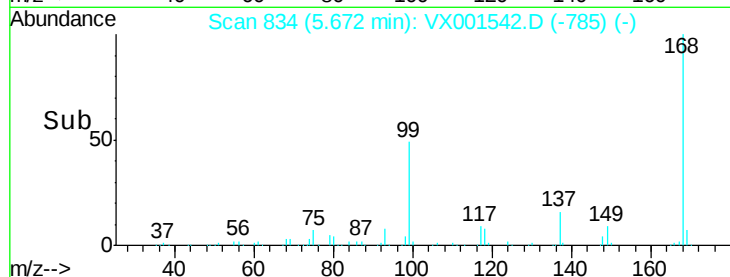
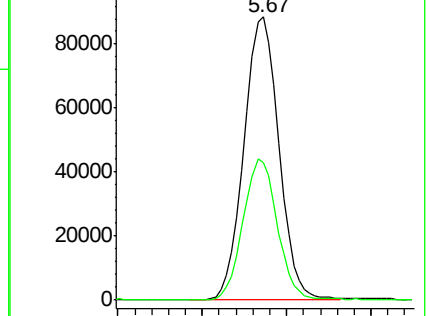
168 100

99 48.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX001542.D

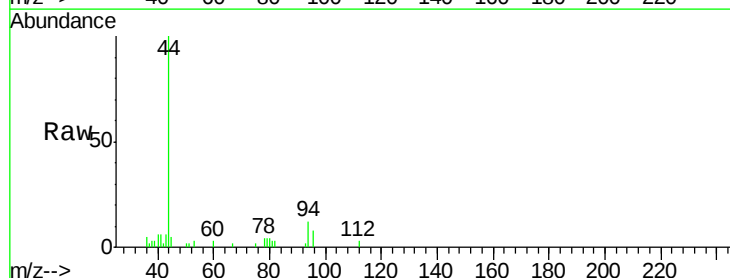
Acq: 09 May 2018 04:41

Tgt Ion: 94 Resp: 633

Ion Ratio Lower Upper

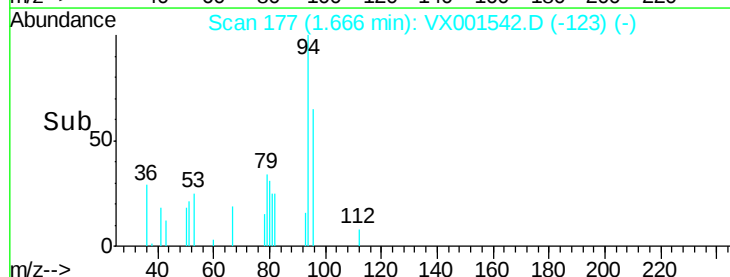
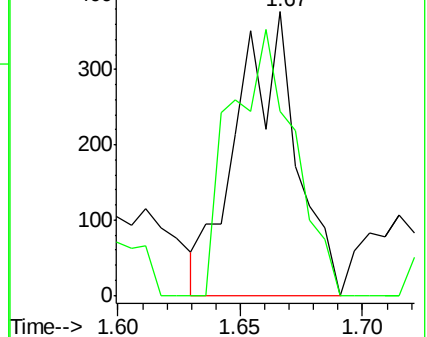
94 100

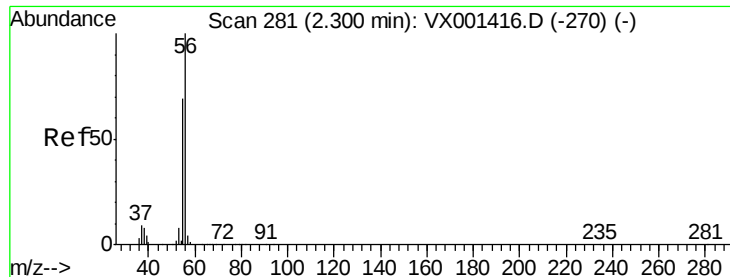
96 65.0 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

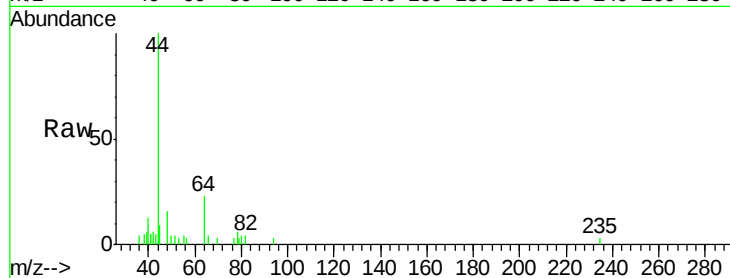
TP-2A-COMP

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

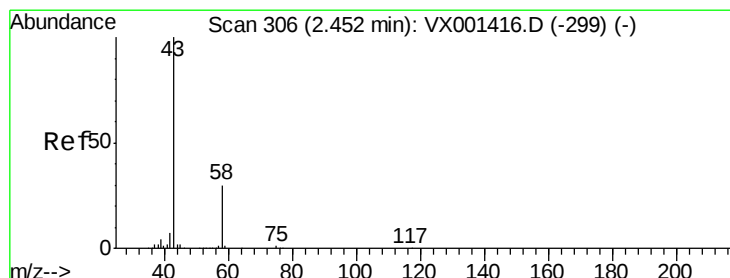
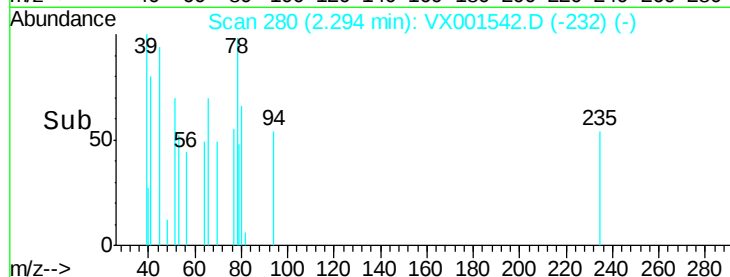
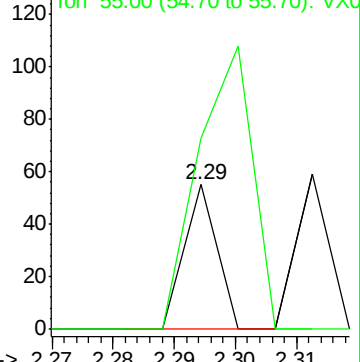
56 100

55 330.0 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 3.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001542.D

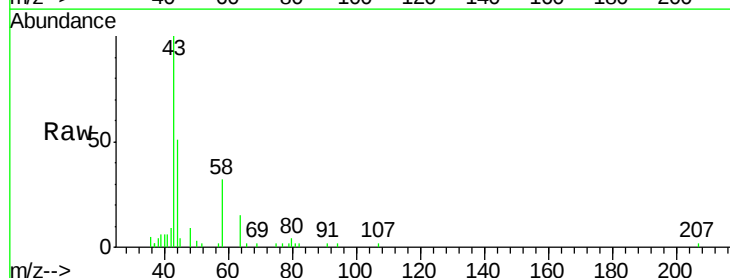
Acq: 09 May 2018 04:41

Tgt Ion: 43 Resp: 5240

Ion Ratio Lower Upper

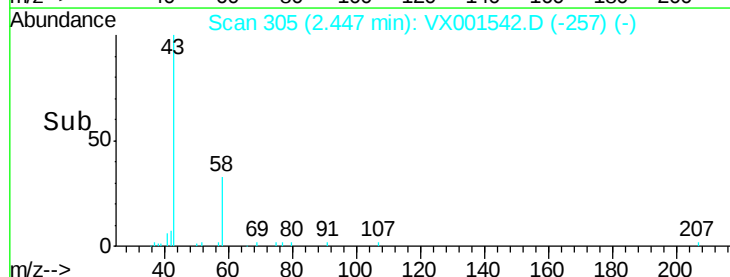
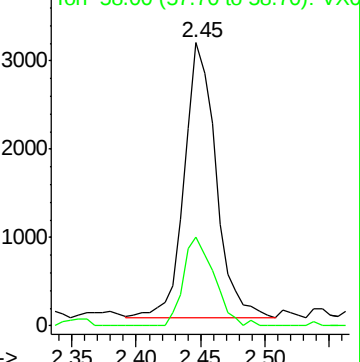
43 100

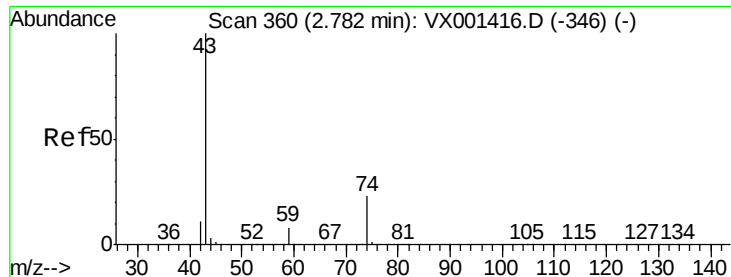
58 32.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

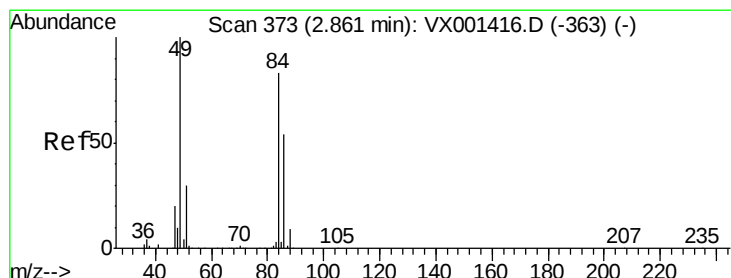
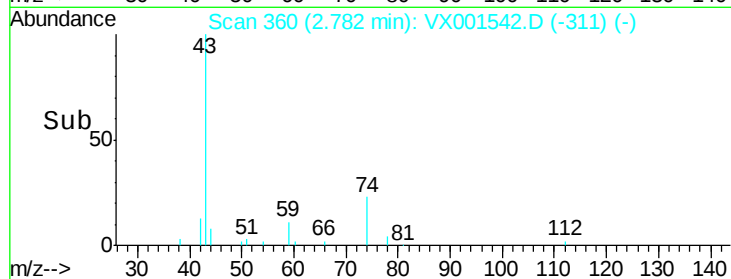
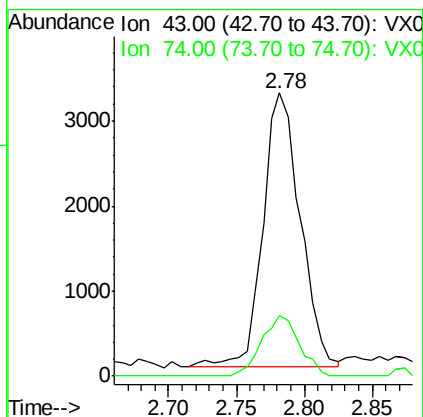
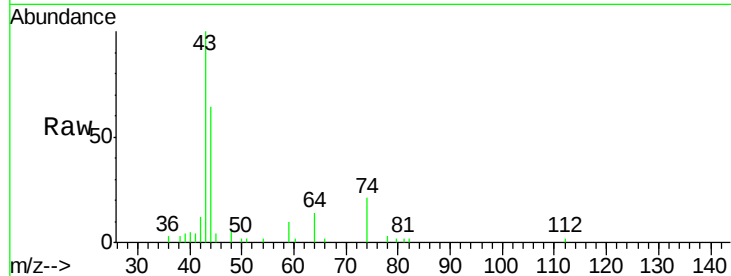




#18
Methyl Acetate
Concen: 1.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

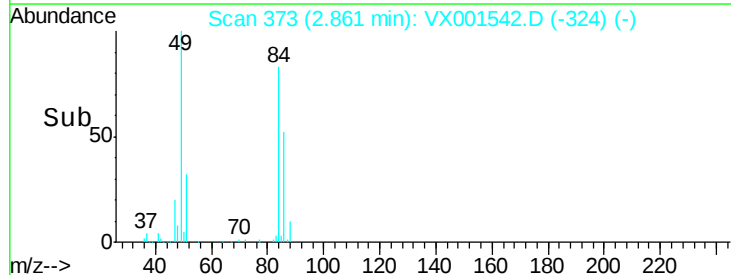
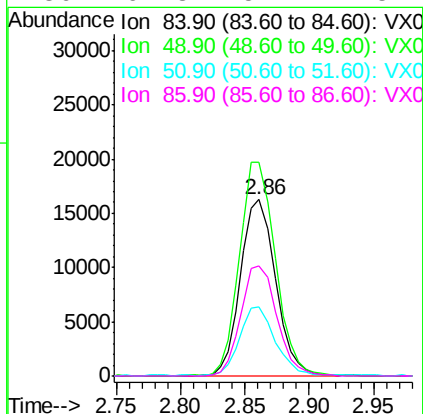
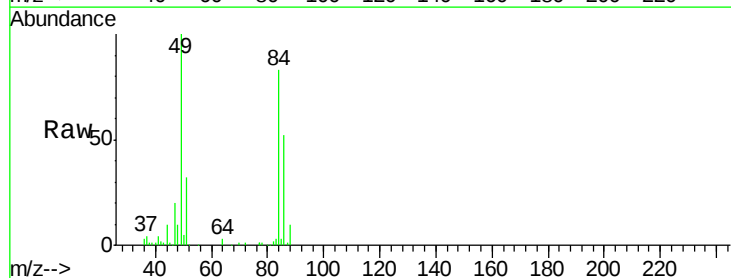
Instrument :
MSVOA_X
ClientSampleId :
TP-2A-COMP

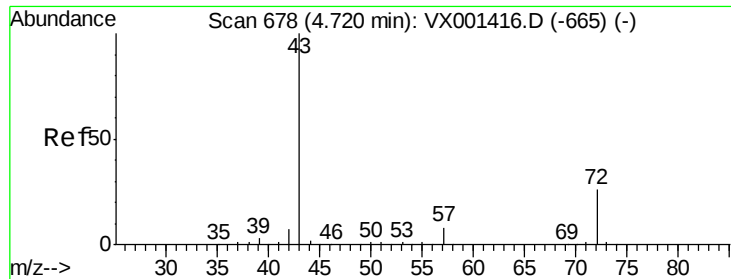
Tgt Ion: 43 Resp: 6148
Ion Ratio Lower Upper
43 100
74 22.4 18.6 27.8



#20
Methylene Chloride
Concen: 9.57 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

Tgt Ion: 84 Resp: 30873
Ion Ratio Lower Upper
84 100
49 120.5 96.6 144.8
51 38.5 29.0 43.4
86 62.3 52.2 78.4

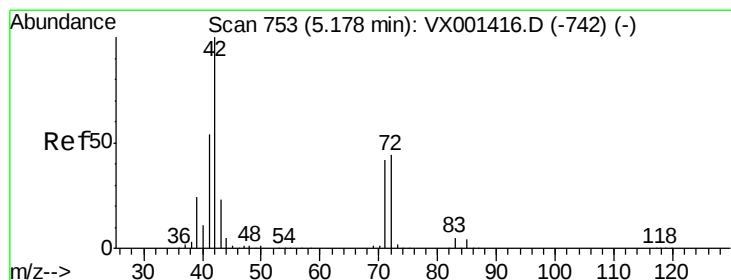
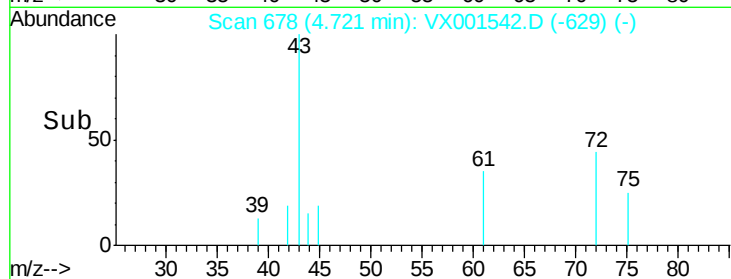
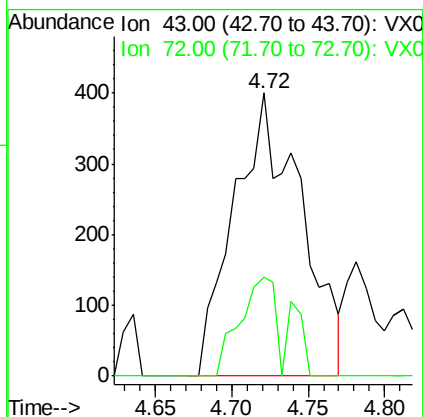
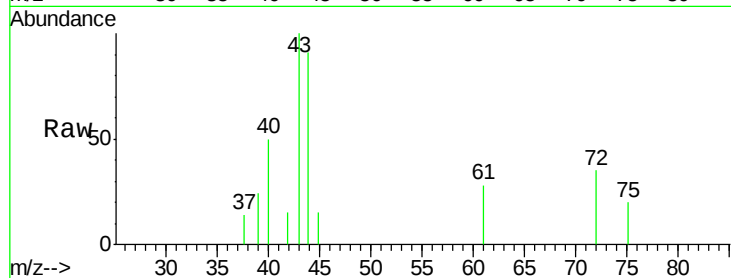




#25
2-Butanone
Concen: 0.52 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

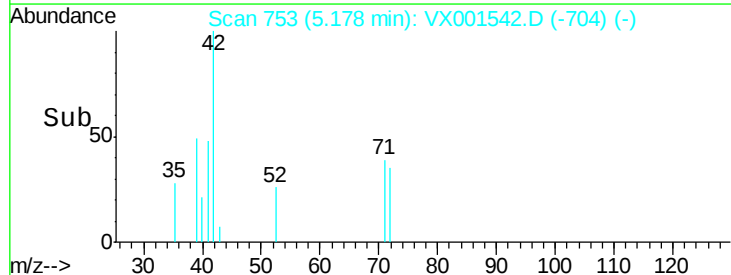
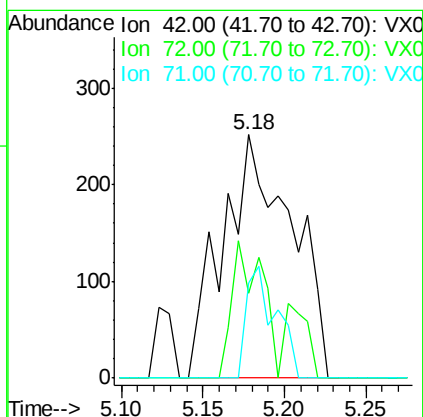
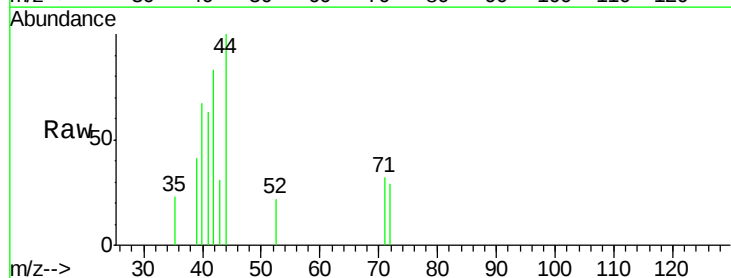
Instrument :
MSVOA_X
ClientSampleId :
TP-2A-COMP

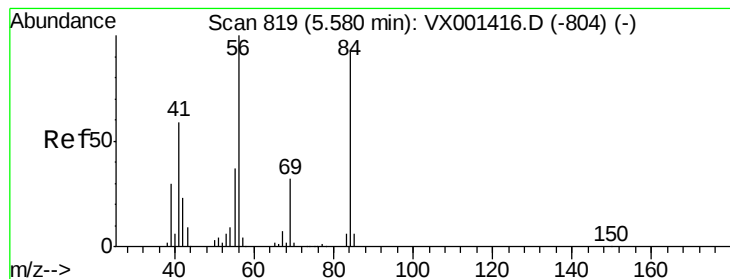
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
72 35.0 20.7 31.1#



#29
Tetrahydrofuran
Concen: 0.49 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

Tgt Ion: 42 Resp: 744
Ion Ratio Lower Upper
42 100
72 24.6 35.4 53.2#
71 19.2 33.0 49.4#





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

TP-2A-COMP

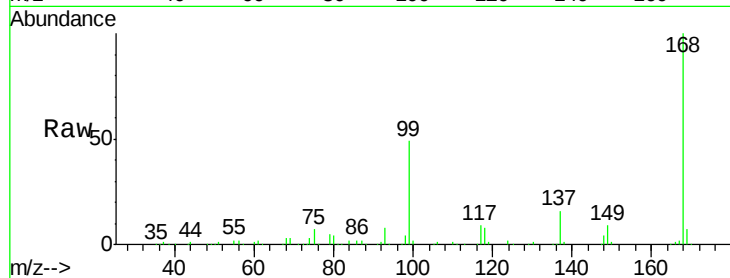
Tgt Ion: 56 Resp: 4438

Ion Ratio Lower Upper

56 100

69 156.8 25.4 38.0#

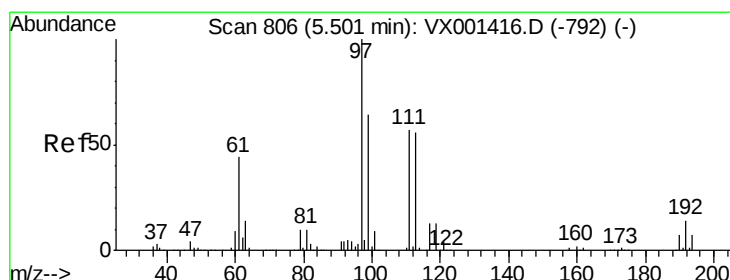
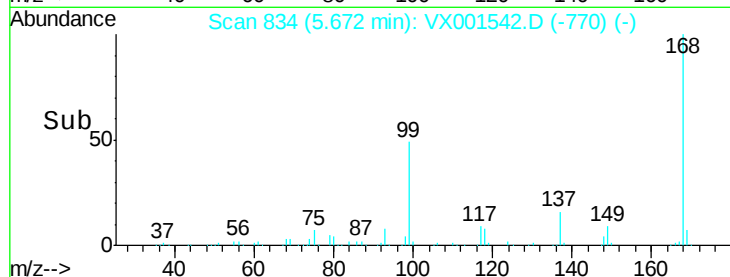
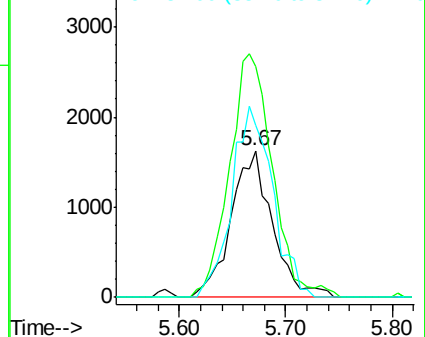
84 116.6 73.8 110.8#



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



#32

1,1,1-Trichloroethane

Concen: 0.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

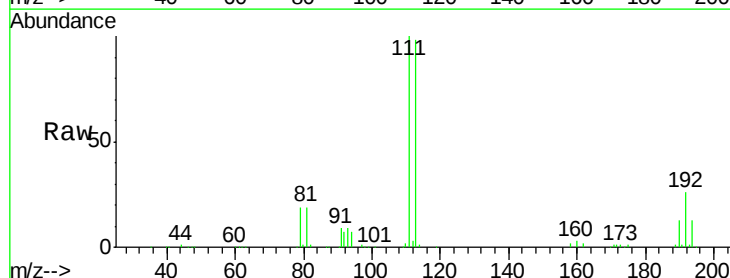
Tgt Ion: 97 Resp: 1225

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

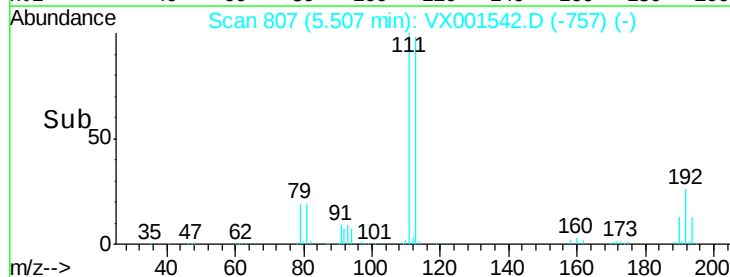
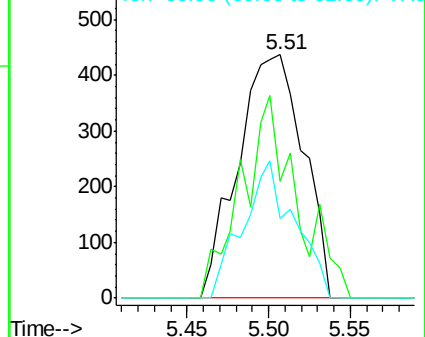
61 44.4 34.8 52.2

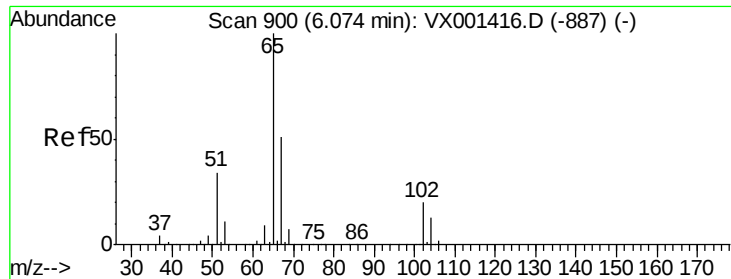


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

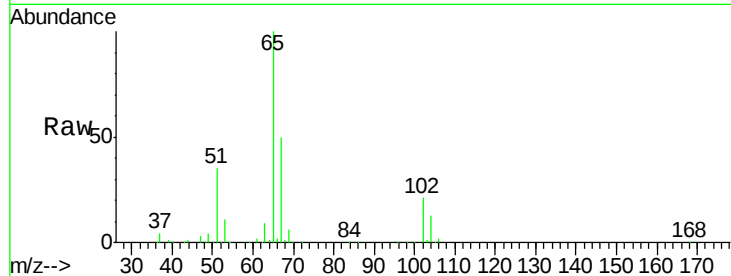
TP-2A-COMP

Tgt Ion: 65 Resp: 170633

Ion Ratio Lower Upper

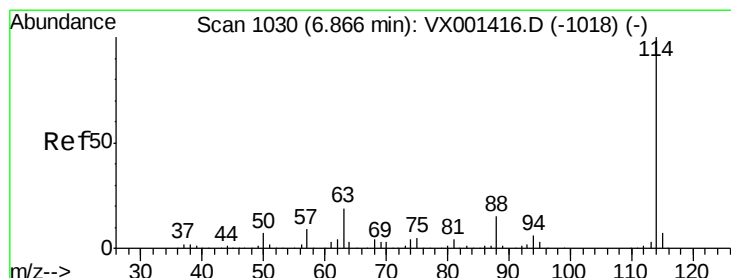
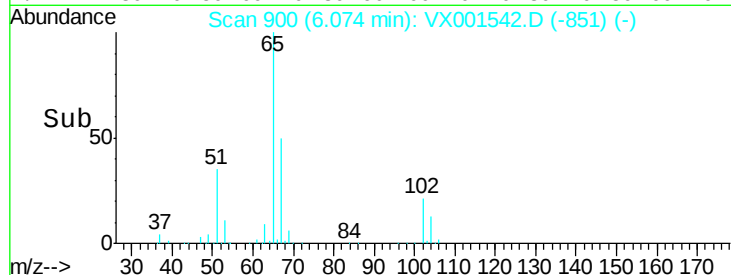
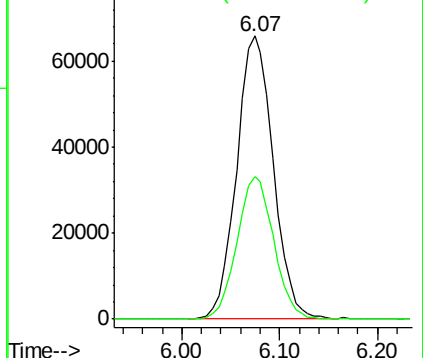
65 100

67 50.5 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: VX001542.D

Acq: 09 May 2018 04:41

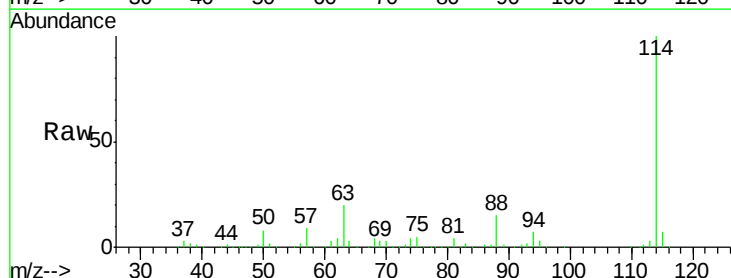
Tgt Ion: 114 Resp: 343250

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

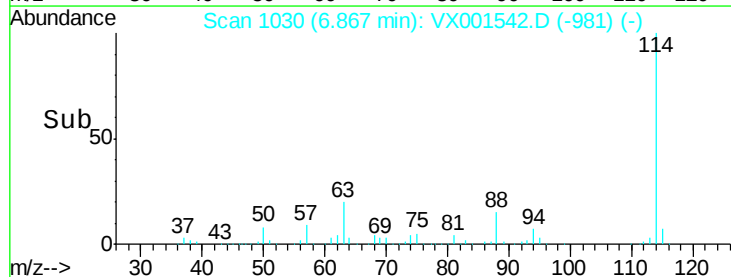
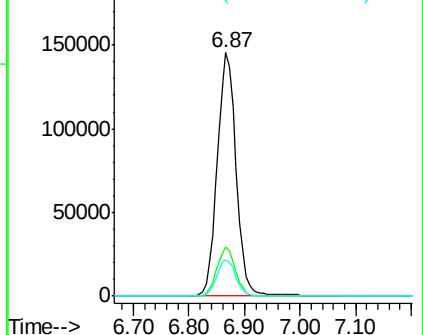
88 14.8 0.0 30.8

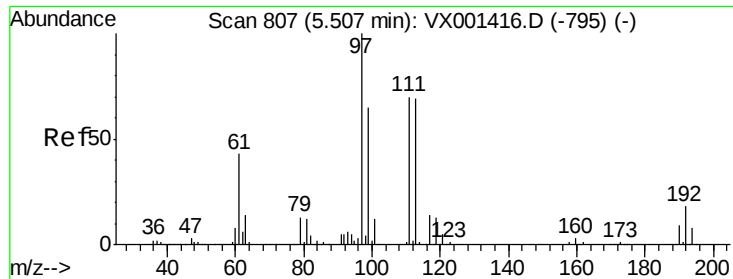


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

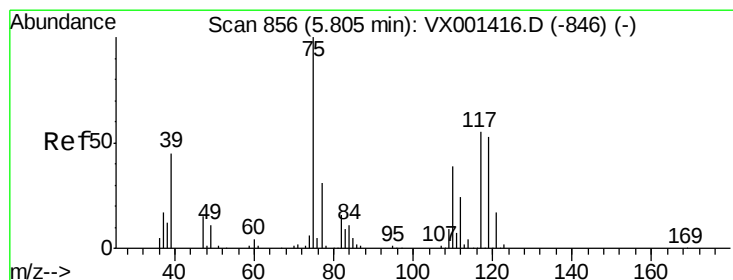
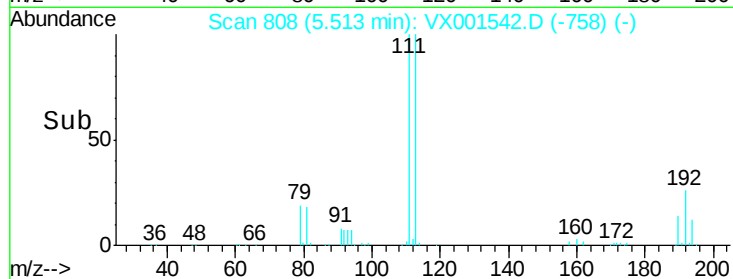
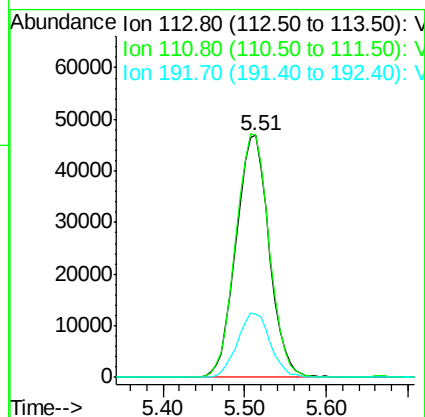
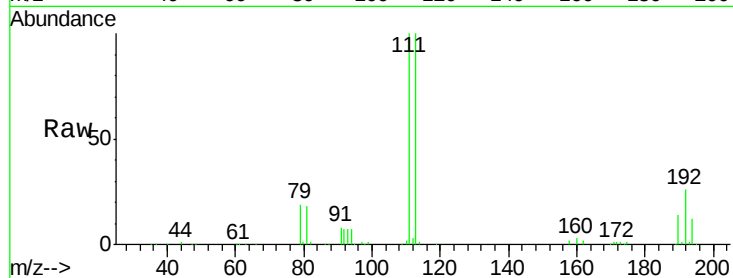




#35
 Dibromofluoromethane
 Concen: 43.28 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001542.D
 Acq: 09 May 2018 04:41

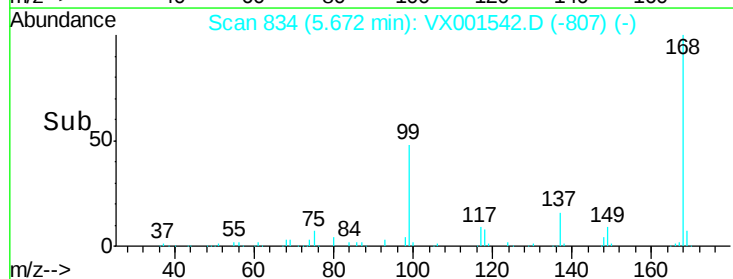
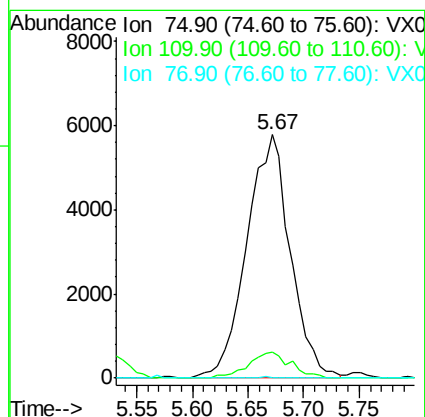
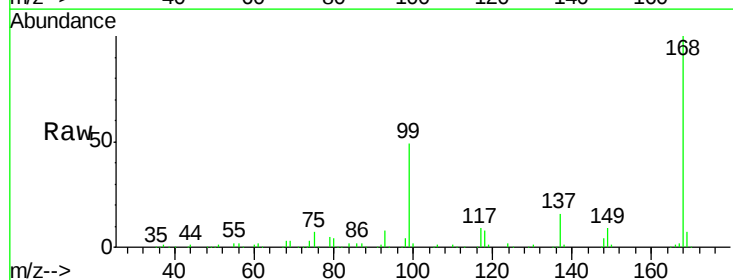
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2A-COMP

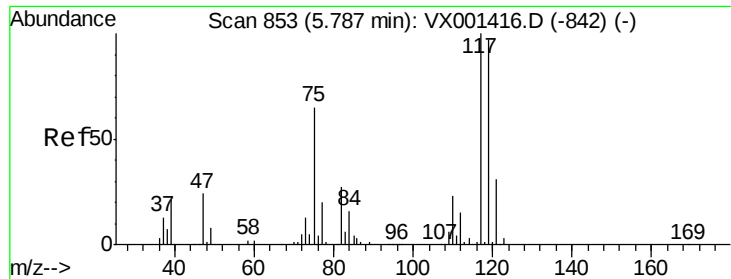
Tgt Ion:113 Resp: 132152
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 26.5 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.61 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001542.D
 Acq: 09 May 2018 04:41

Tgt Ion: 75 Resp: 15749
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.9 56.7#
 77 0.1 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.67 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

TP-2A-COMP

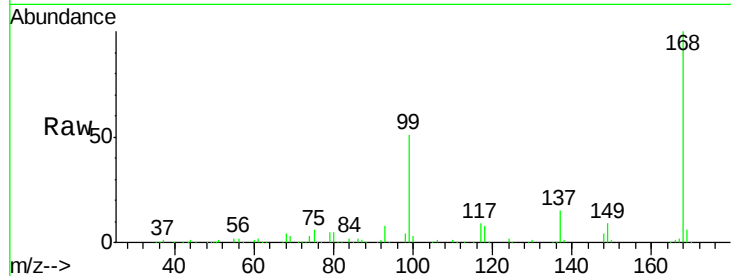
Tgt Ion:117 Resp: 21762

Ion Ratio Lower Upper

117 100

119 4.2 77.0 115.6#

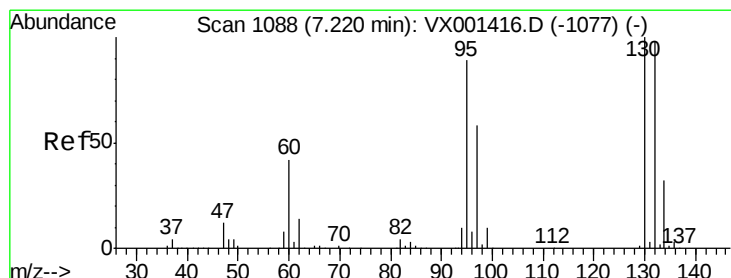
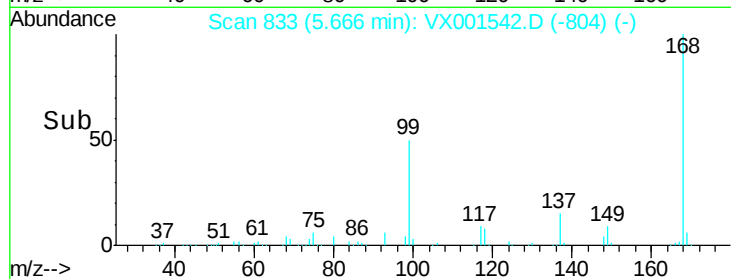
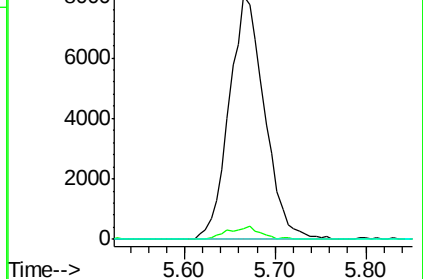
121 0.0 25.1 37.7#



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



#44

Trichloroethene

Concen: 6.58 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001542.D

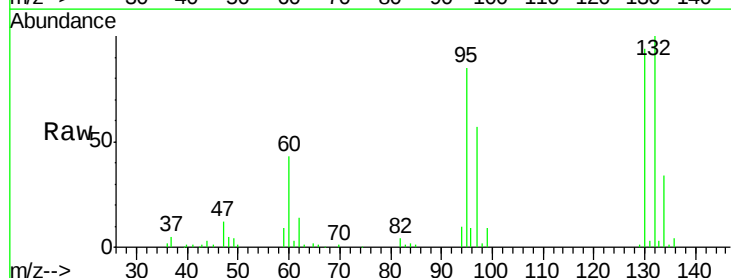
Acq: 09 May 2018 04:41

Tgt Ion:130 Resp: 25635

Ion Ratio Lower Upper

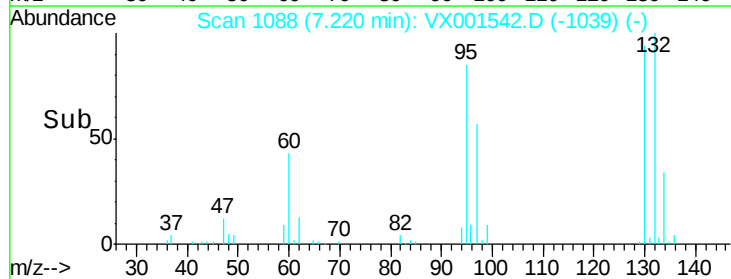
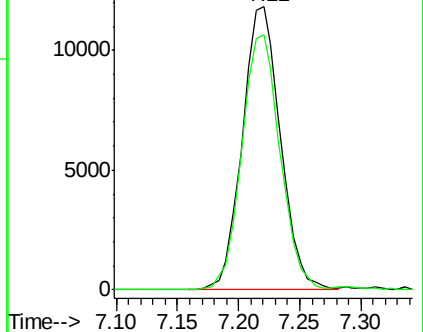
130 100

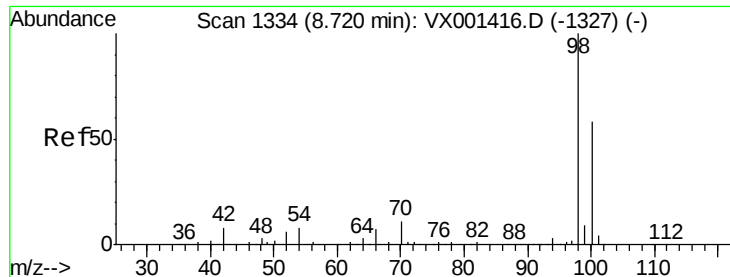
95 90.1 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 42.84 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

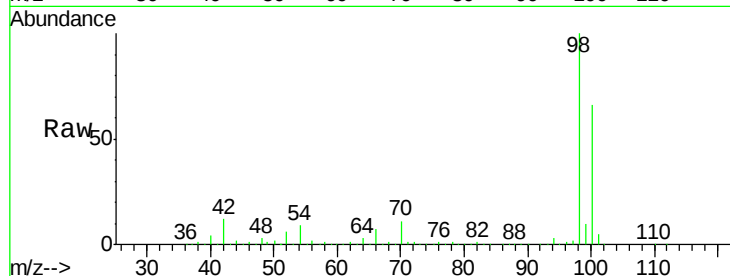
TP-2A-COMP

Tgt Ion: 98 Resp: 477447

Ion Ratio Lower Upper

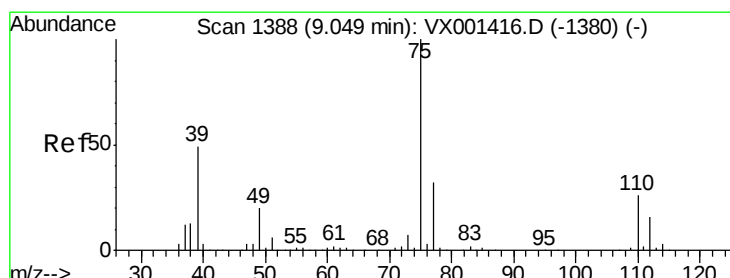
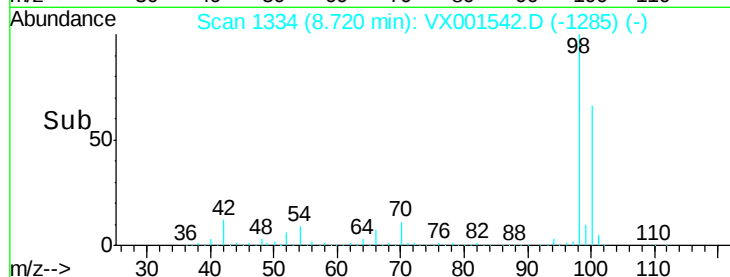
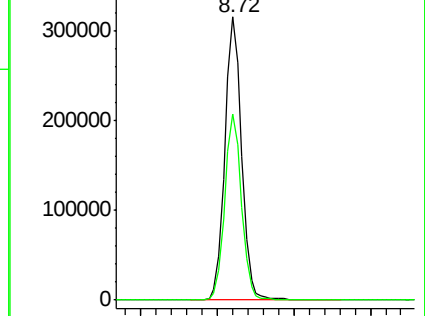
98 100

100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#54

cis-1,3-Dichloropropene

Concen: 2.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

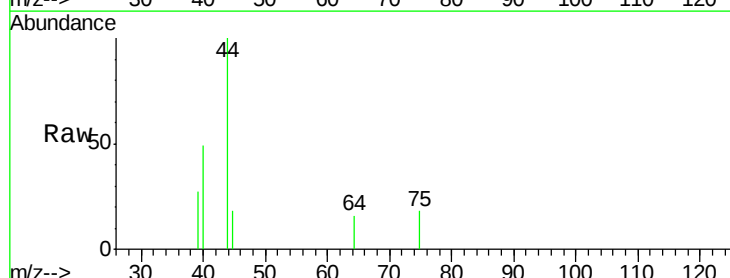
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

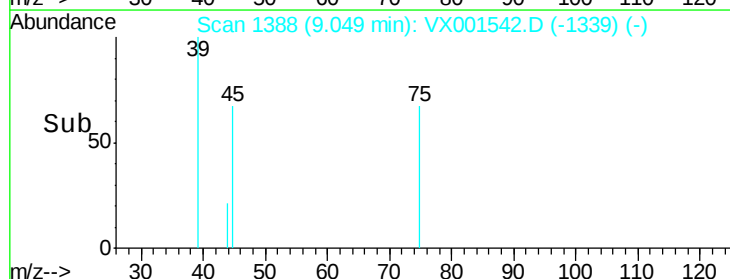
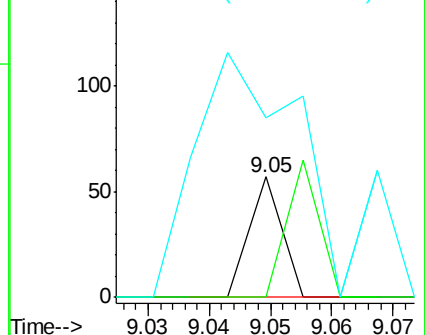
39 149.1 38.9 58.3#

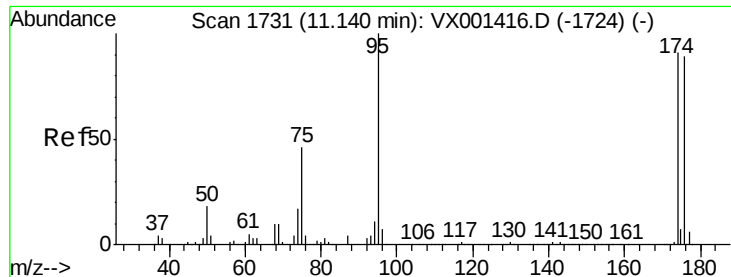


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

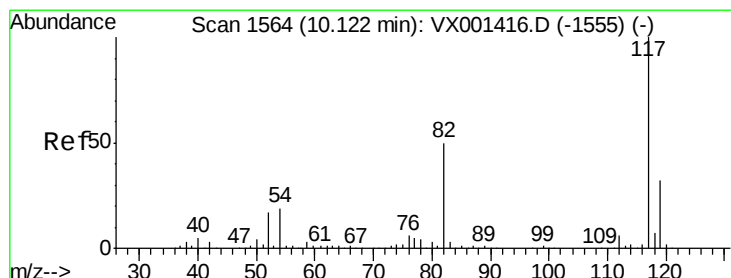
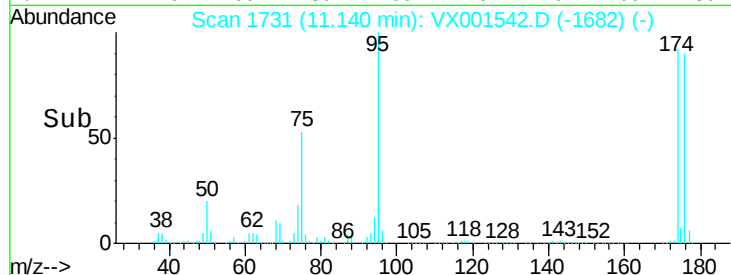
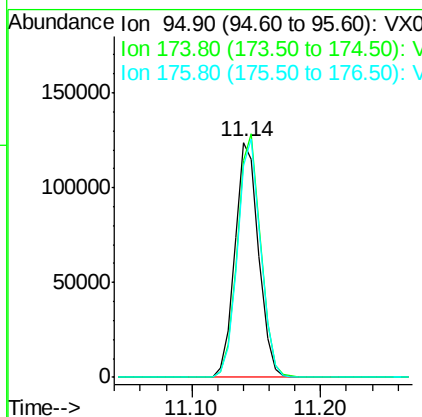
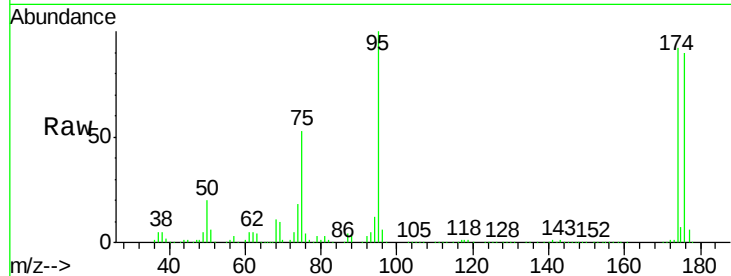




#62
4-Bromofluorobenzene
Concen: 37.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

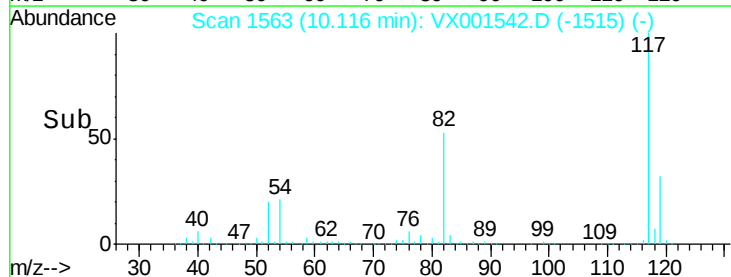
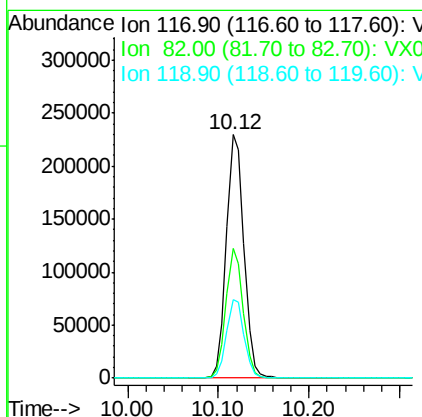
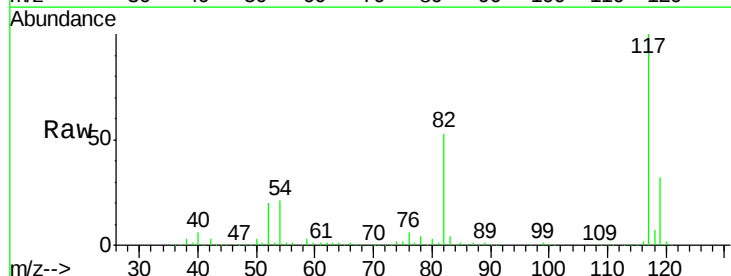
Instrument :
MSVOA_X
ClientSampleId :
TP-2A-COMP

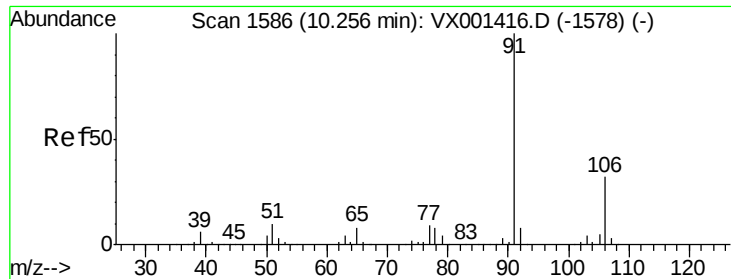
Tgt Ion: 95 Resp: 158733
Ion Ratio Lower Upper
95 100
174 101.8 0.0 202.0
176 98.9 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

Tgt Ion: 117 Resp: 309948
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 32.2 25.8 38.8

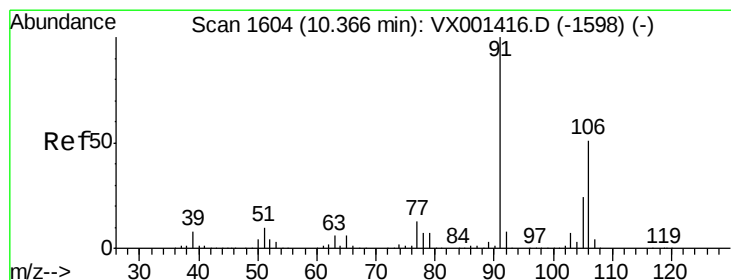
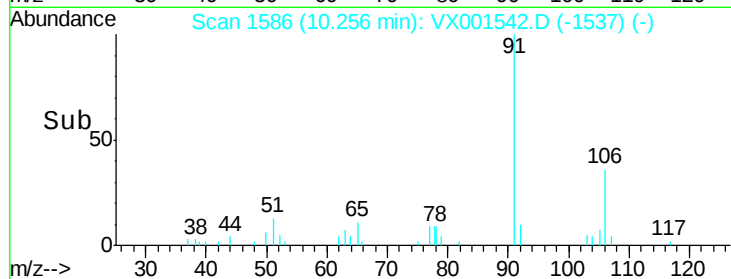
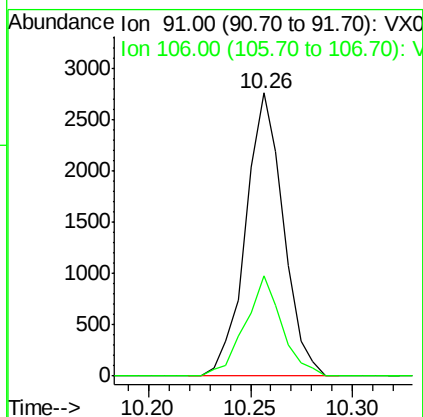
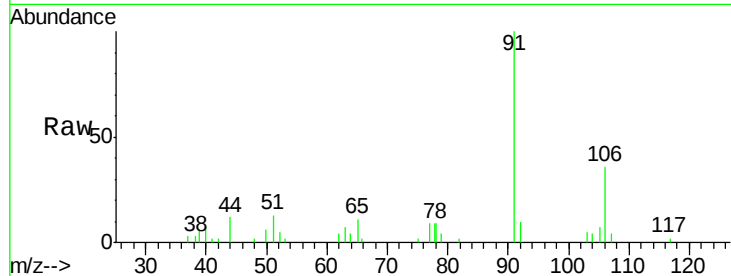




#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

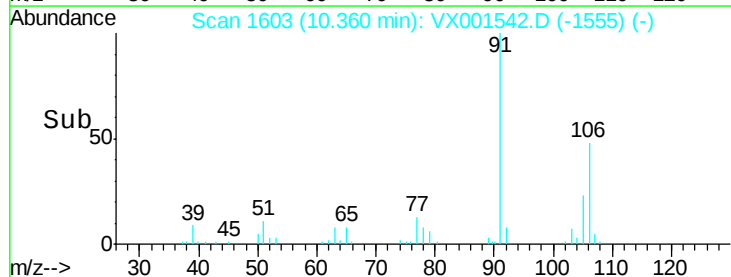
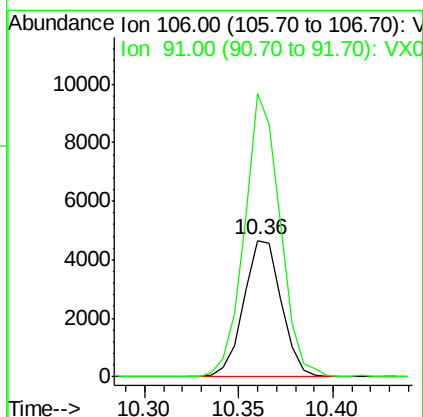
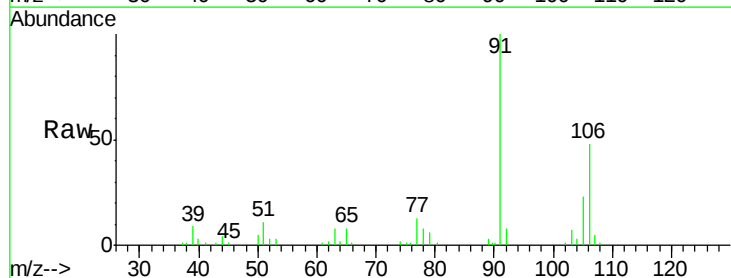
Instrument :
MSVOA_X
ClientSampleId :
TP-2A-COMP

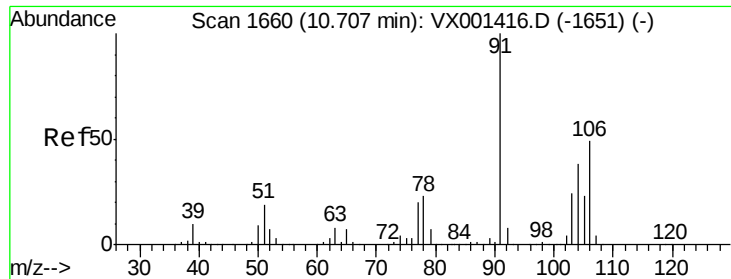
Tgt Ion: 91 Resp: 3546
Ion Ratio Lower Upper
91 100
106 35.5 25.5 38.3



#68
m/p-Xylenes
Concen: 1.10 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

Tgt Ion: 106 Resp: 6480
Ion Ratio Lower Upper
106 100
91 195.3 157.5 236.3

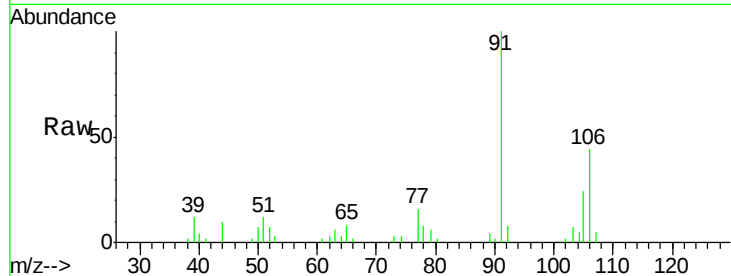




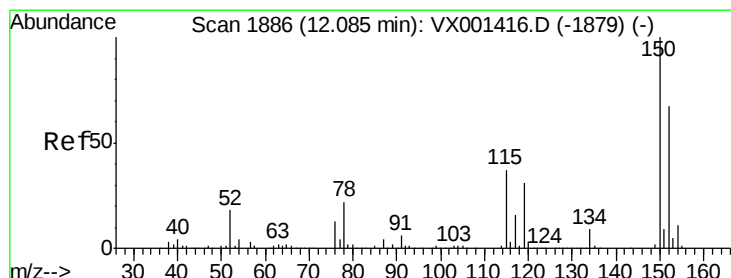
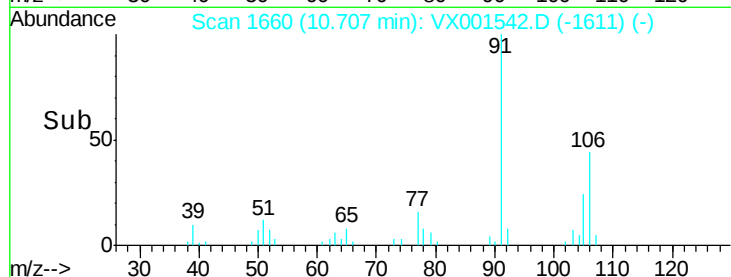
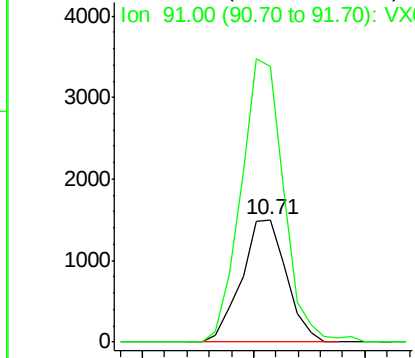
#69
o-Xylene
Concen: 0.37 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
TP-2A-COMP

Tgt Ion:106 Resp: 2102
Ion Ratio Lower Upper
106 100
91 221.5 103.1 309.1

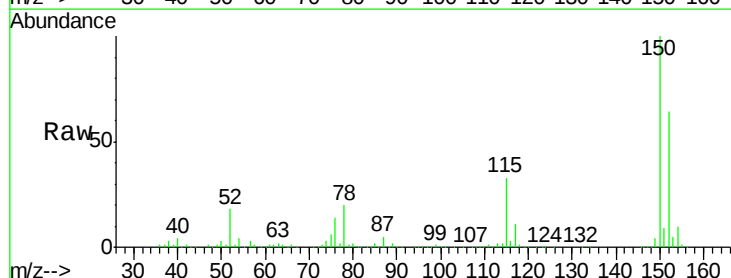


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

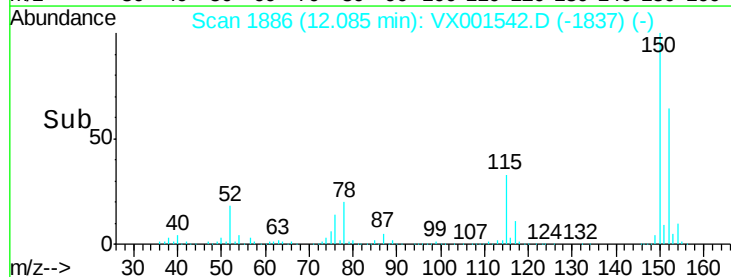
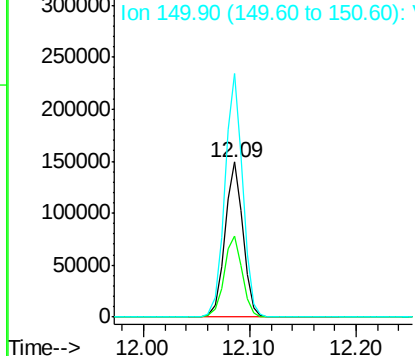


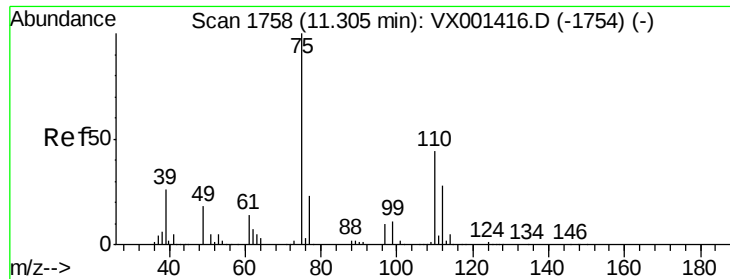
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001542.D
Acq: 09 May 2018 04:41

Tgt Ion:152 Resp: 175546
Ion Ratio Lower Upper
152 100
115 52.5 37.7 113.1
150 155.5 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

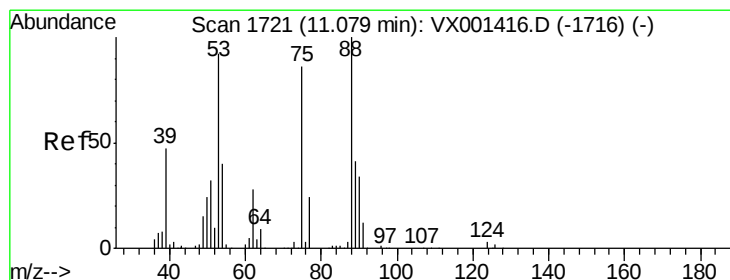
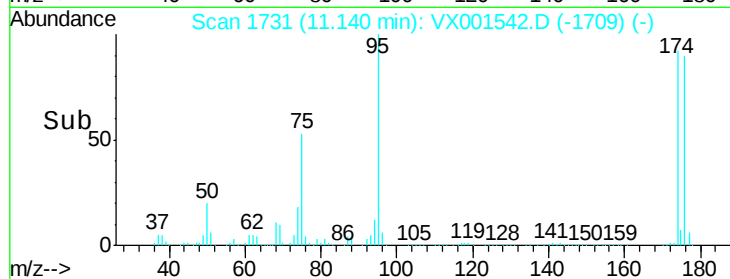
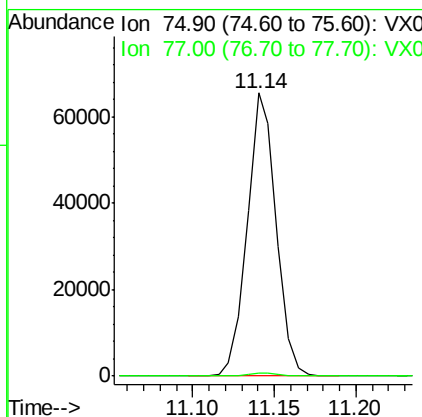
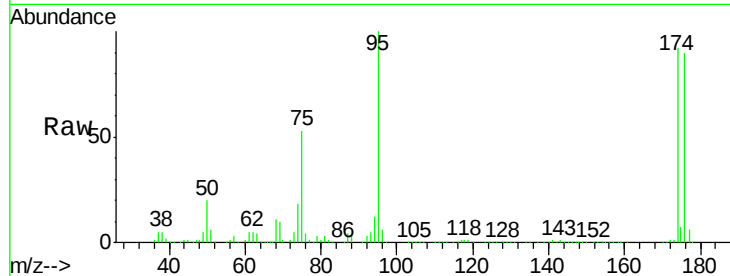




#76
 1,2,3-Trichloropropane
 Concen: 22.75 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001542.D
 Acq: 09 May 2018 04:41

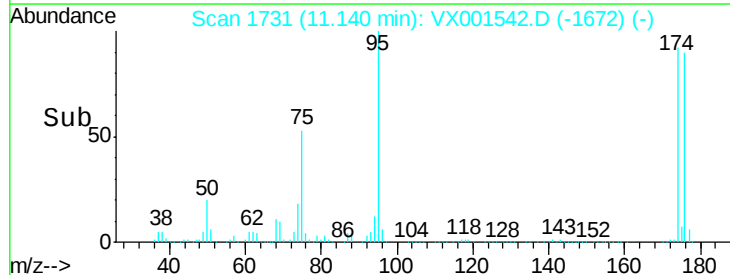
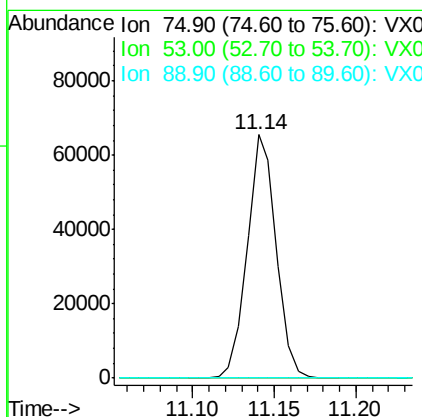
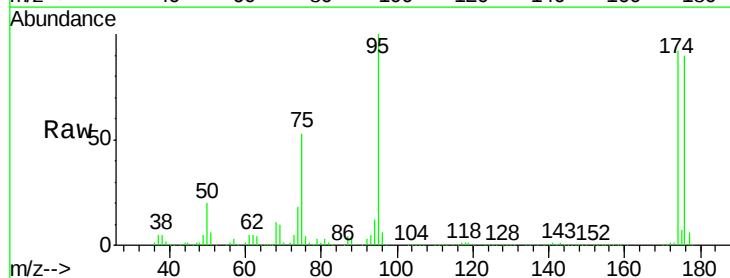
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2A-COMP

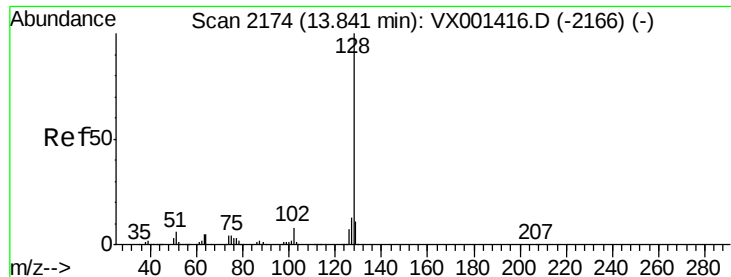
Tgt Ion: 75 Resp: 80986
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.59 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001542.D
 Acq: 09 May 2018 04:41

Tgt Ion: 75 Resp: 80986
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.5 126.7#
 89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 1.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001542.D

Acq: 09 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

TP-2A-COMP

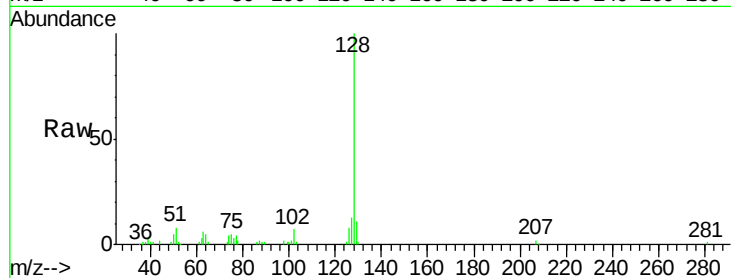
Tgt Ion:128 Resp: 16243

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.4 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

