

Data File : VX001747.D
Acq On : 15 May 2018 16:02
Operator : JC/MD
Sample : J2737-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0454-180503

Quant Time: May 16 04:11:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	142869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	176141	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	5.51	113	144017	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.72	98	479518	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.15	95	153373	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	

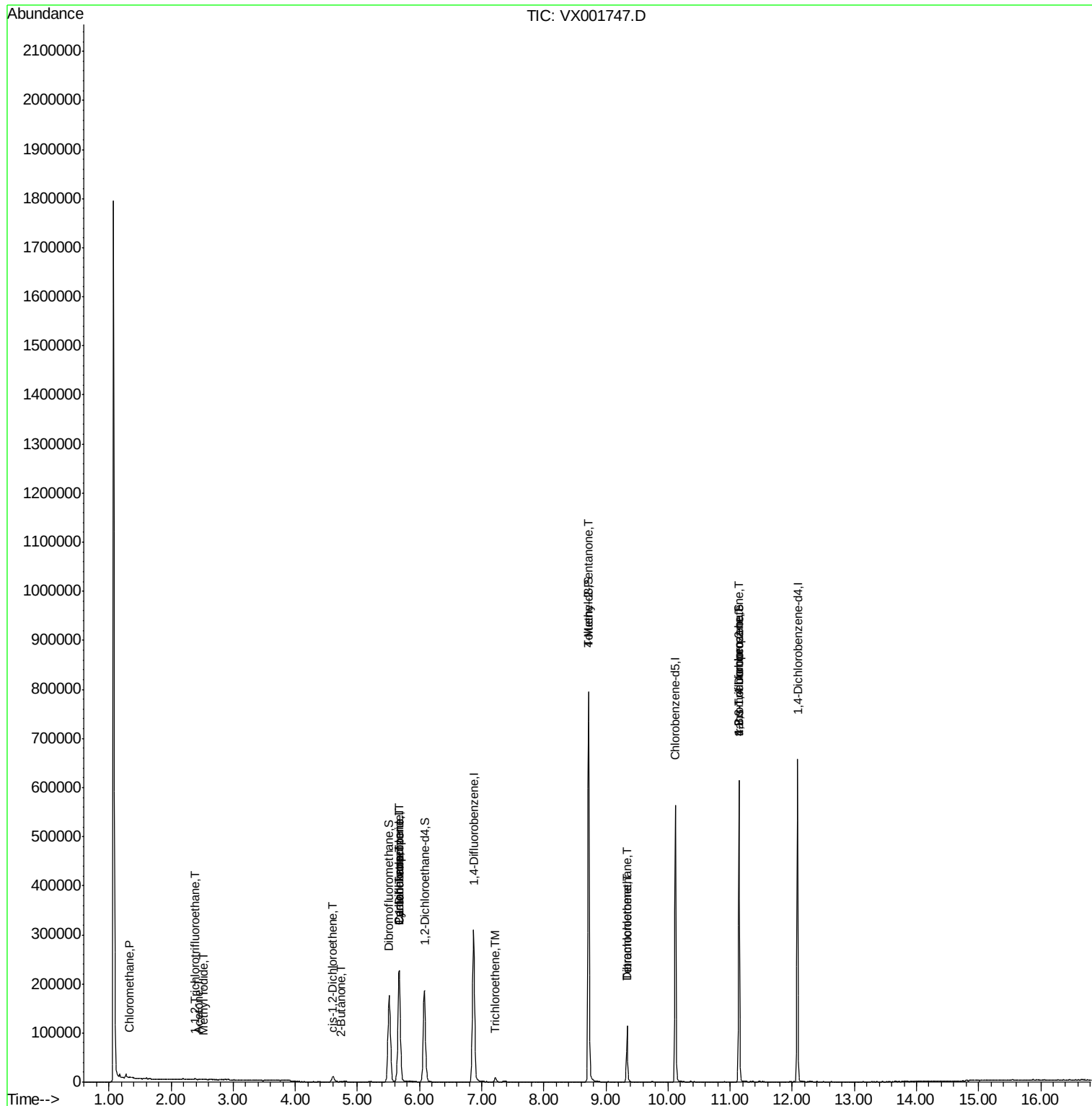
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	657	0.25	ug/l #	67
5) Bromomethane	1.65	94	1534	Below	Cal	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	699	0.28	ug/l #	93
10) Methyl Iodide	2.53	142	1269	0.55	ug/l #	95
16) Acetone	2.45	43	1171	0.91	ug/l	99
25) 2-Butanone	4.73	43	458	0.23	ug/l #	51
27) cis-1,2-Dichloroethene	4.60	96	6652	2.20	ug/l	84
31) Cyclohexane	5.67	56	3752	0.91	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14678	3.92	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20779	5.30	ug/l #	16
44) Trichloroethene	7.22	130	3610	1.05	ug/l	95
51) 4-Methyl-2-Pentanone	8.72	43	2163	0.56	ug/l #	1
60) Dibromochloromethane	9.34	129	20087	7.24	ug/l #	11
64) Tetrachloroethene	9.34	164	24454	6.79	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	73521	27.06	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	73521	78.62	ug/l #	10

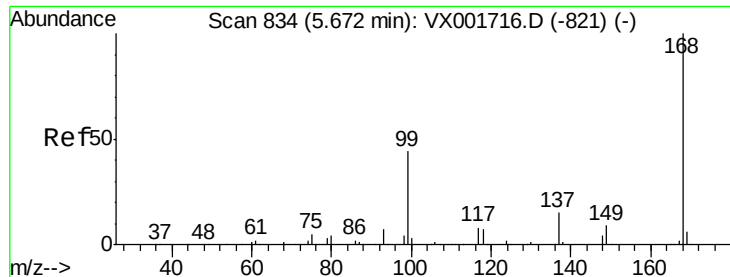
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

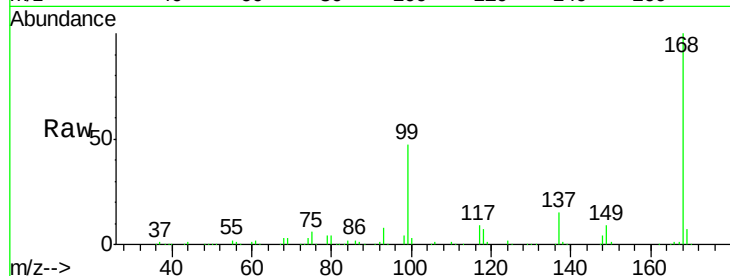
DUP-0454-180503

Tgt Ion: 168 Resp: 243565

Ion Ratio Lower Upper

168 100

99 47.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

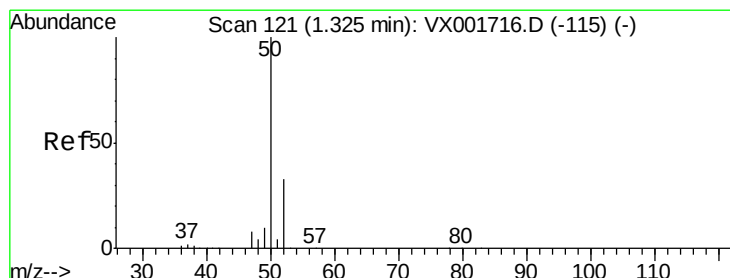
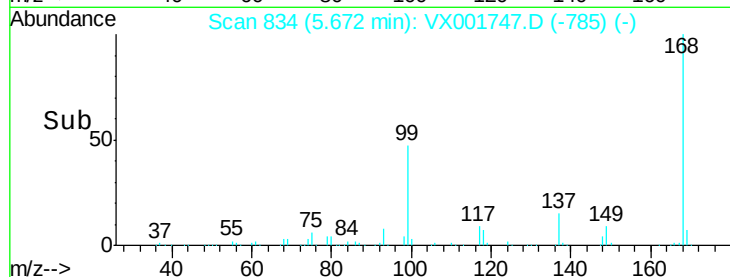
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001747.D

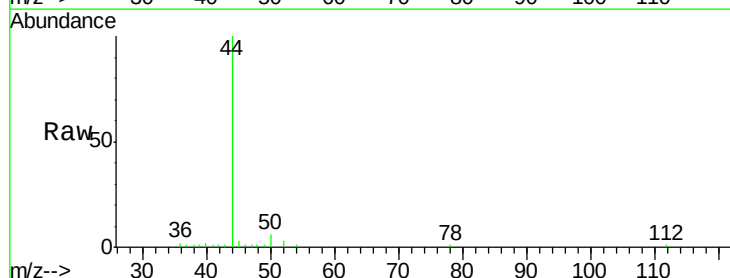
Acq: 15 May 2018 16:02

Tgt Ion: 50 Resp: 657

Ion Ratio Lower Upper

50 100

52 51.3 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

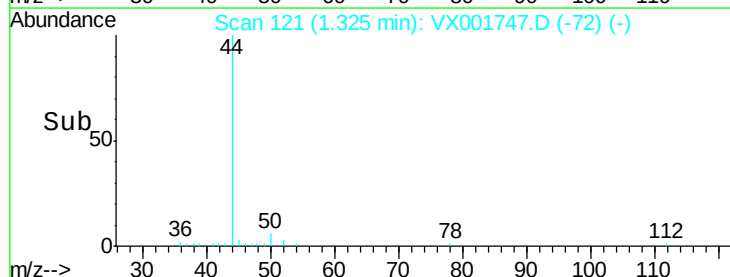
300

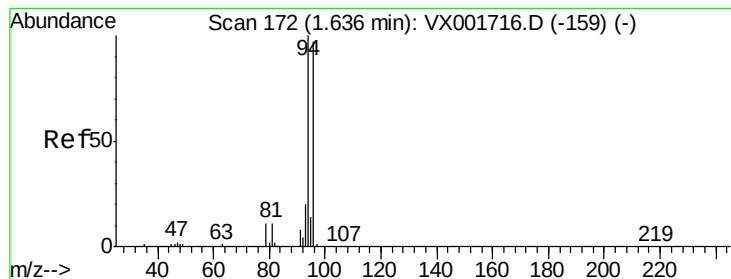
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

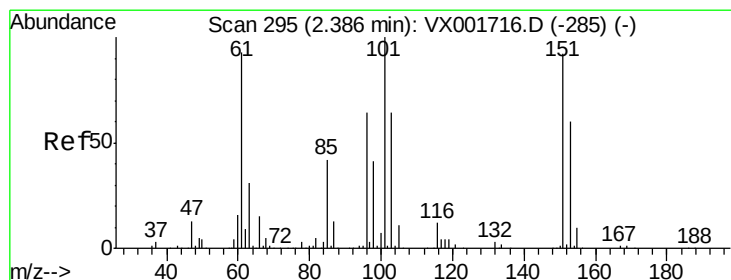
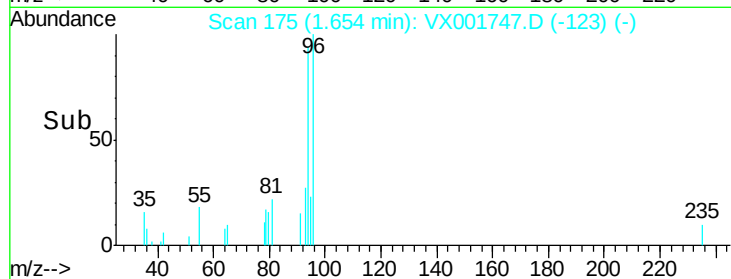
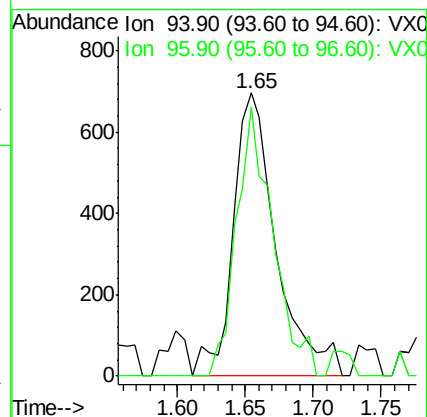
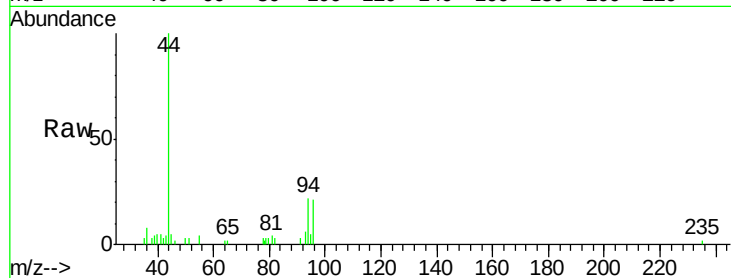
DUP-0454-180503

Tgt Ion: 94 Resp: 1534

Ion Ratio Lower Upper

94 100

96 95.1 77.4 116.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

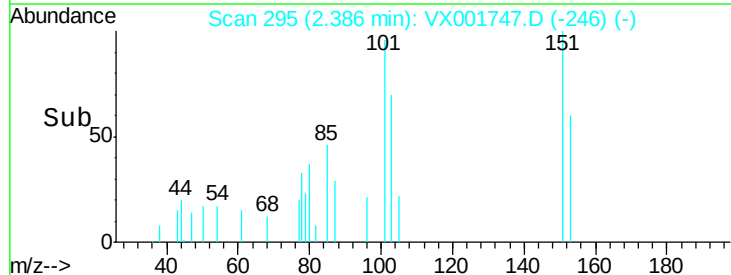
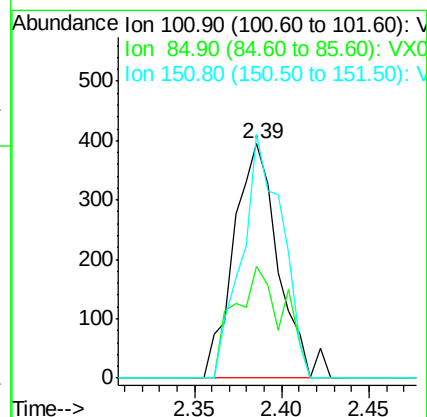
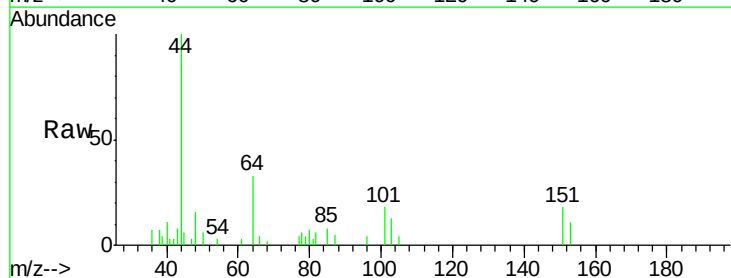
Tgt Ion: 101 Resp: 699

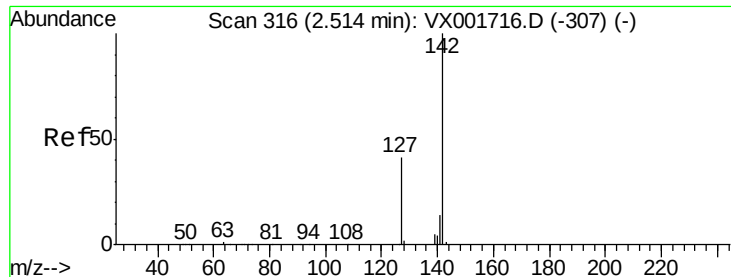
Ion Ratio Lower Upper

101 100

85 51.9 33.7 50.5#

151 93.7 73.0 109.6

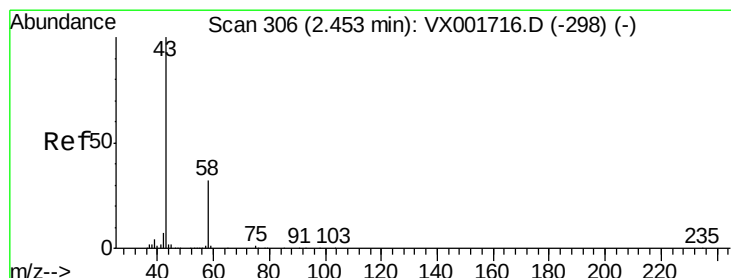
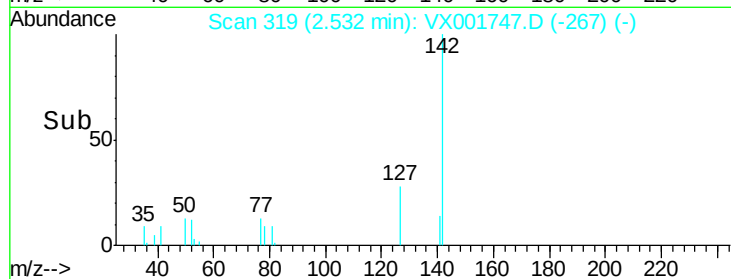
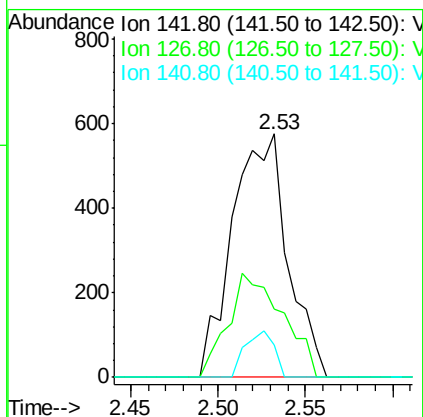
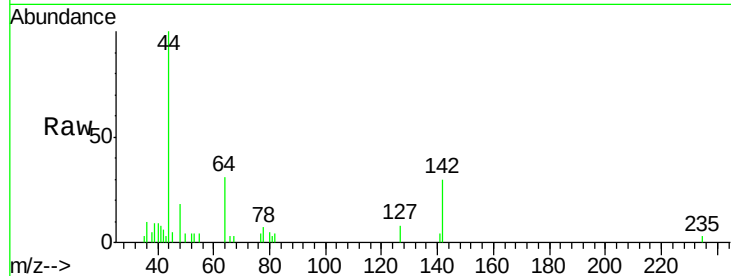




#10
Methyl Iodide
Concen: 0.55 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX001747.D
Acq: 15 May 2018 16:02

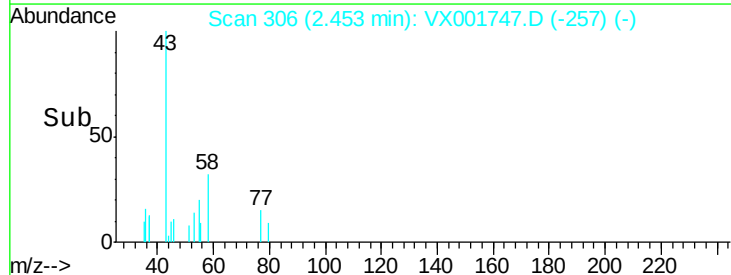
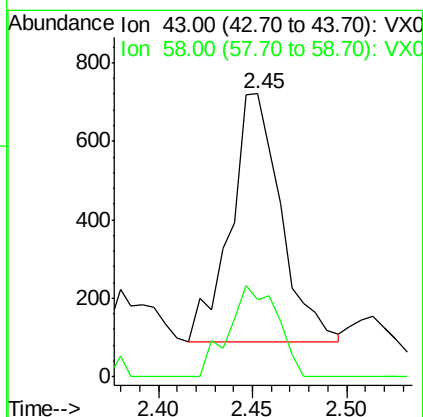
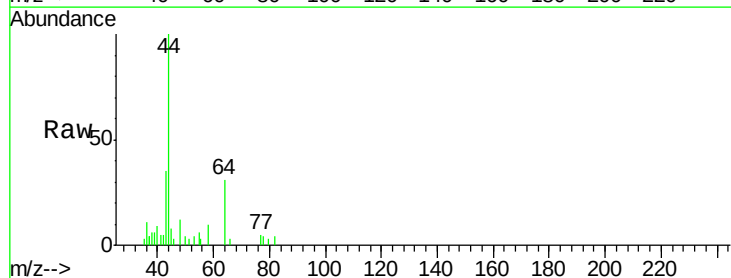
Instrument :
MSVOA_X
ClientSampleId :
DUP-0454-180503

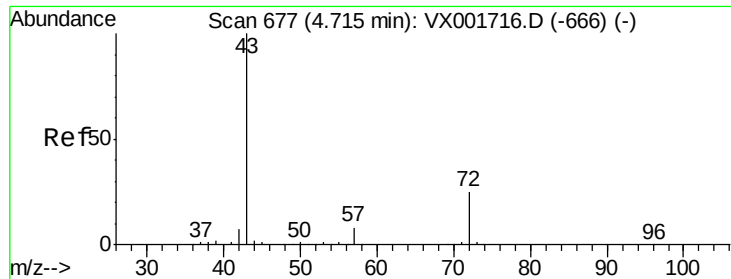
Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
142 100
127 42.4 32.5 48.7
141 10.1 11.4 17.0#



#16
Acetone
Concen: 0.91 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001747.D
Acq: 15 May 2018 16:02

Tgt Ion: 43 Resp: 1171
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9





#25

2-Butanone

Concen: 0.23 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

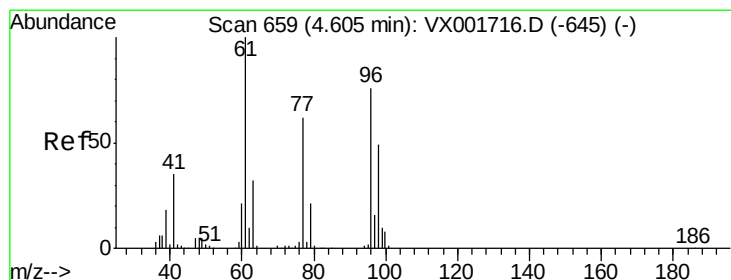
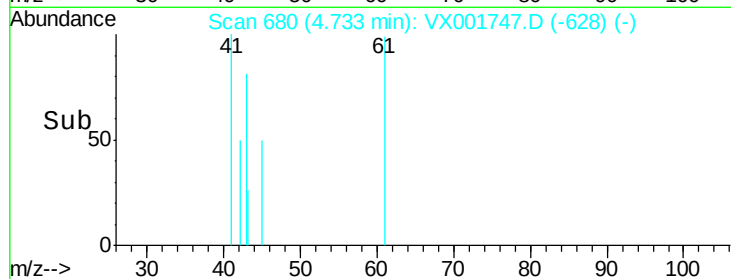
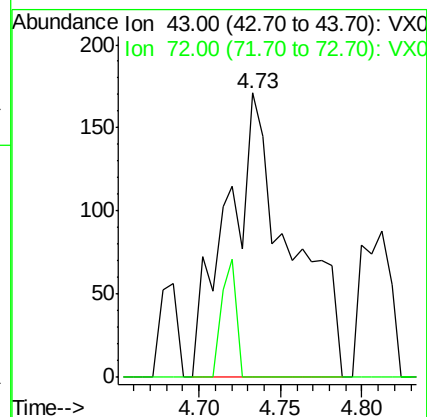
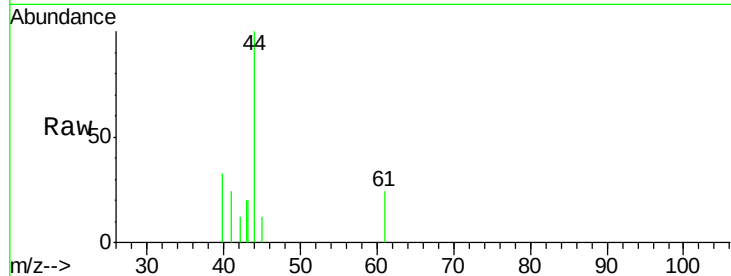
DUP-0454-180503

Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.6#



#27

cis-1,2-Dichloroethene

Concen: 2.20 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

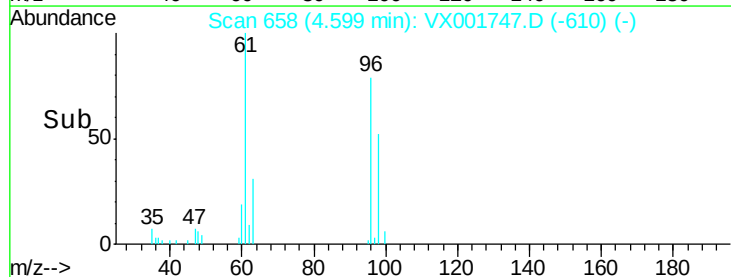
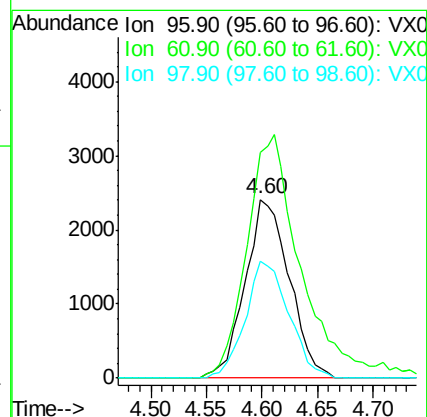
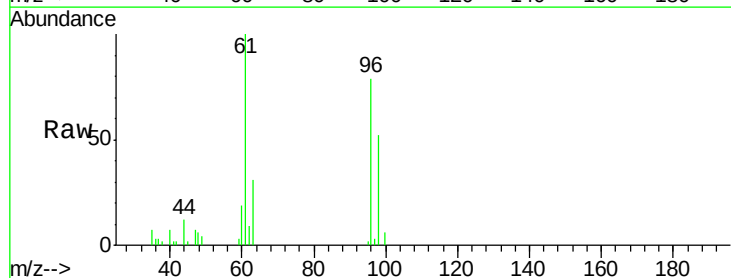
Tgt Ion: 96 Resp: 6652

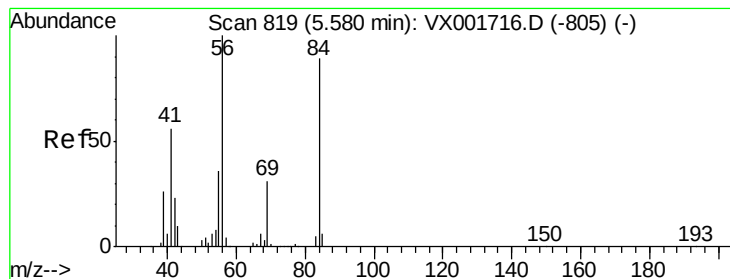
Ion Ratio Lower Upper

96 100

61 168.1 0.0 280.4

98 64.7 0.0 128.4





#31

Cyclohexane

Concen: 0.91 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

DUP-0454-180503

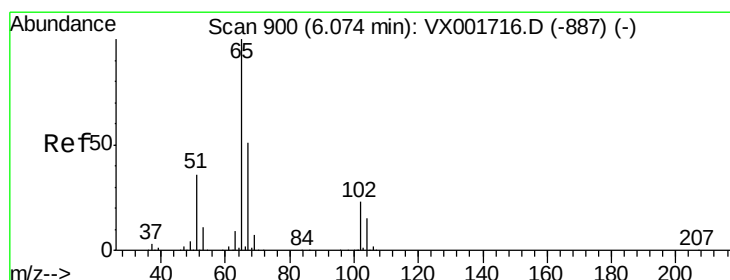
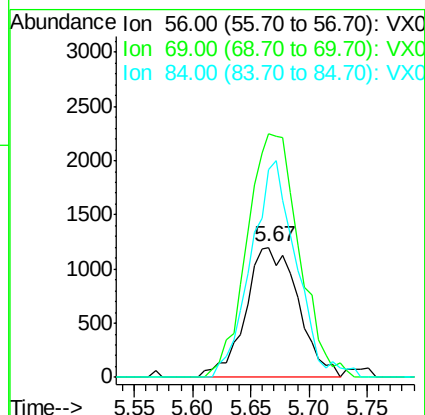
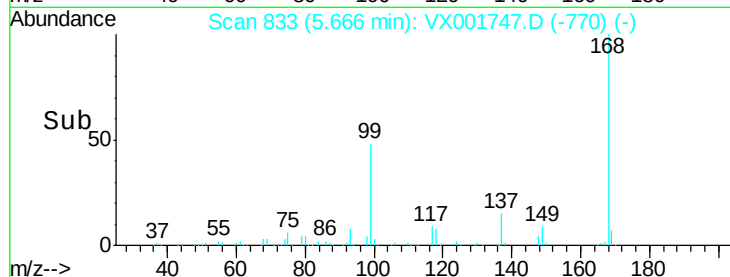
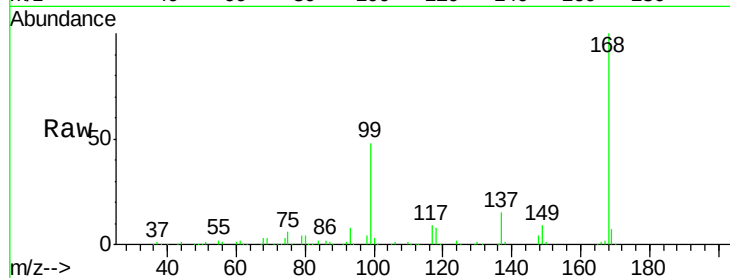
Tgt Ion: 56 Resp: 3752

Ion Ratio Lower Upper

56 100

69 187.6 25.0 37.6#

84 160.5 71.0 106.4#



#33

1,2-Dichloroethane-d4

Concen: 53.95 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001747.D

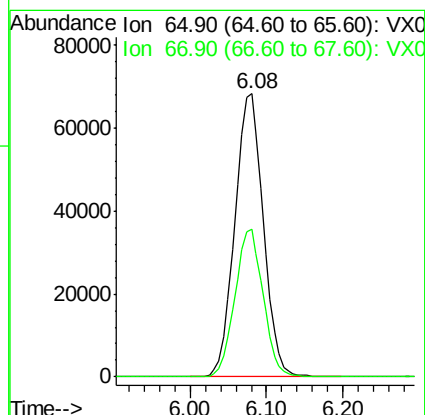
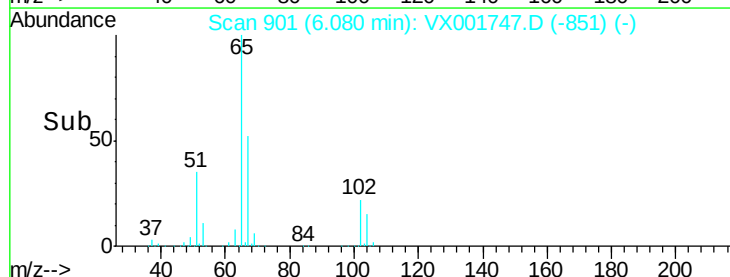
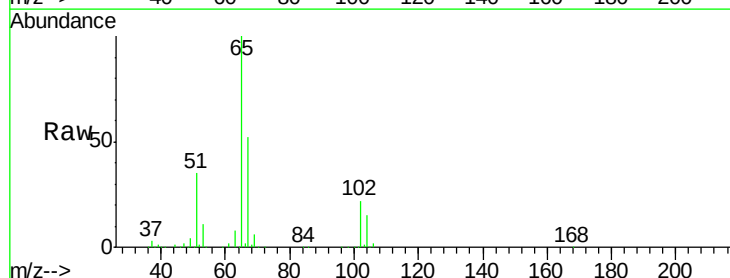
Acq: 15 May 2018 16:02

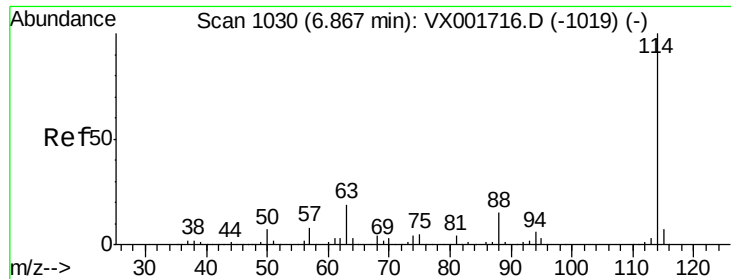
Tgt Ion: 65 Resp: 176141

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

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ClientSampleId :

DUP-0454-180503

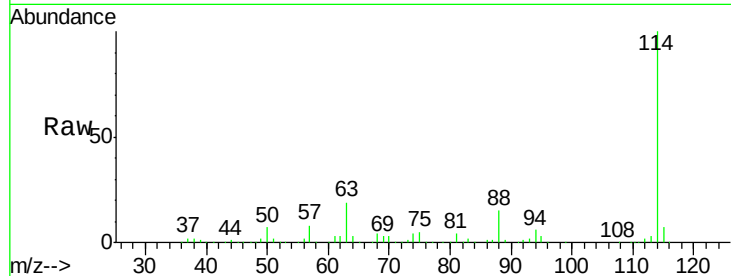
Tgt Ion:114 Resp: 325298

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

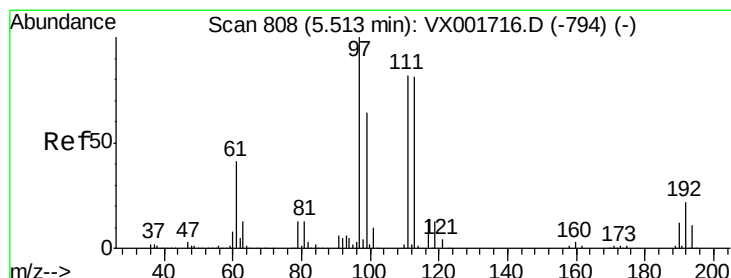
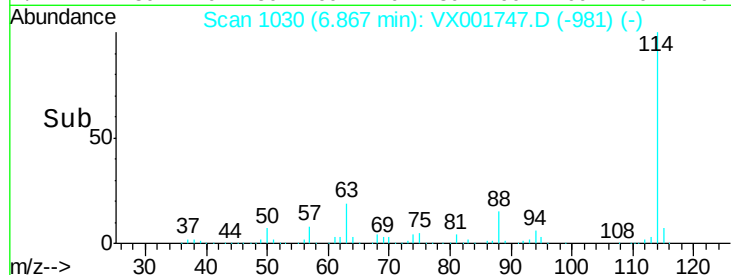
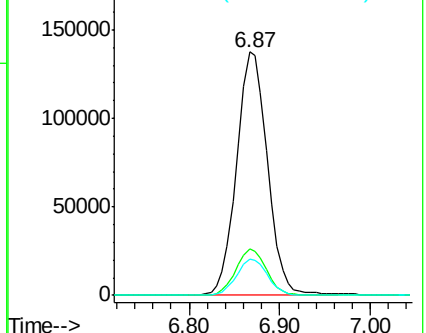
88 14.7 0.0 29.8



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: 52.46 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

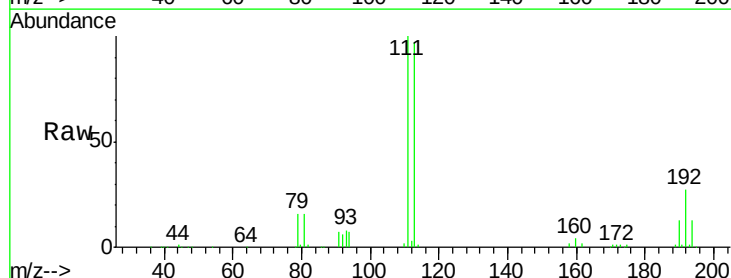
Tgt Ion:113 Resp: 144017

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

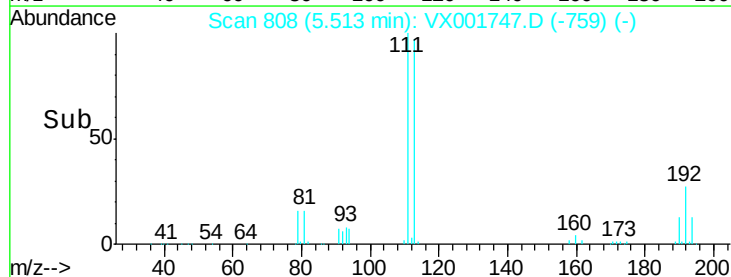
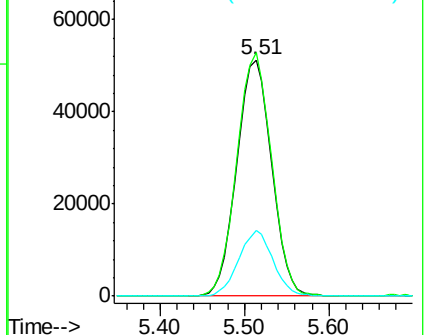
192 27.2 21.6 32.4

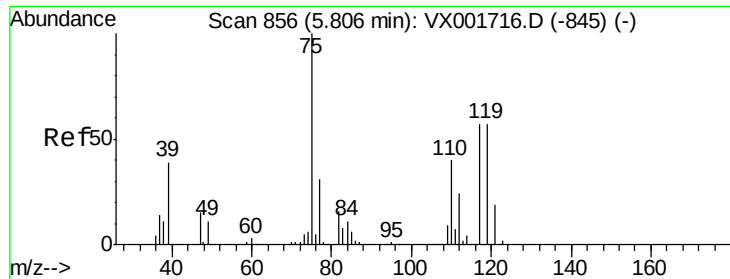


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

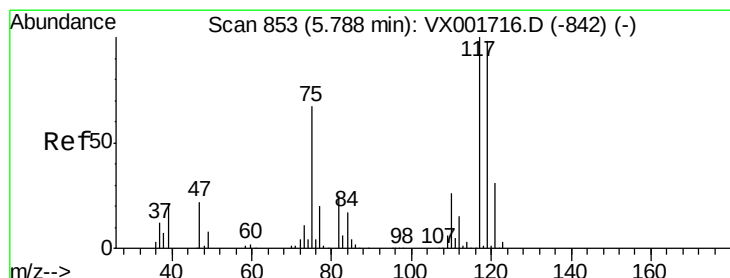
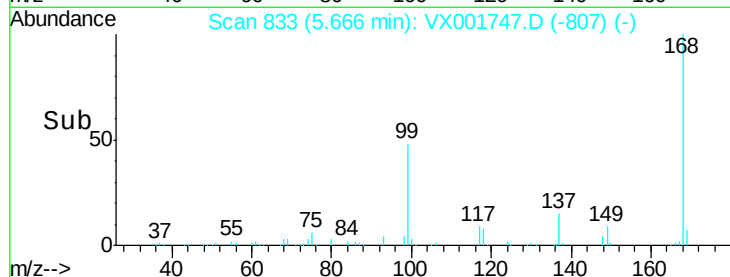
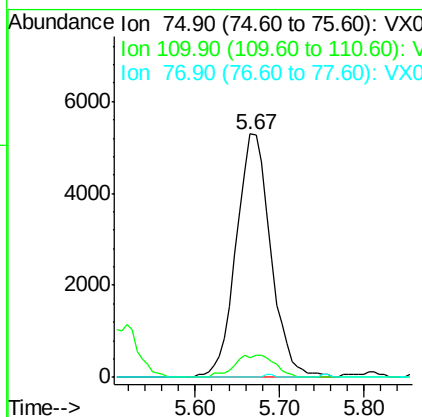
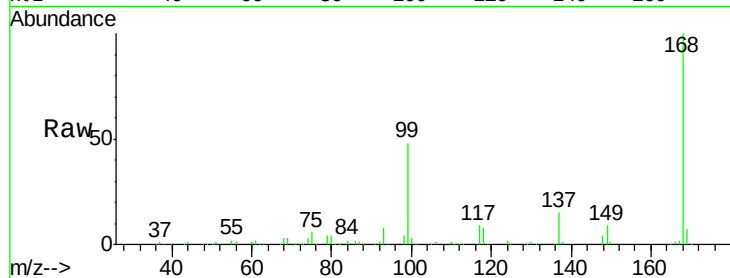




#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001747.D
 Acq: 15 May 2018 16:02

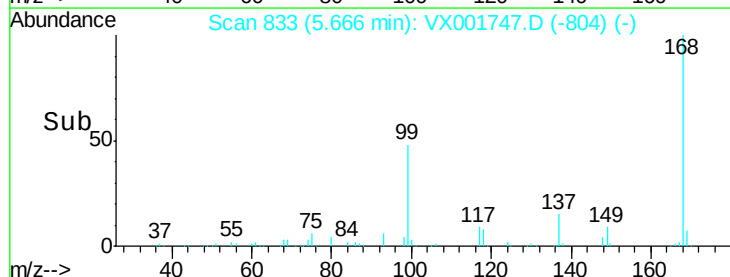
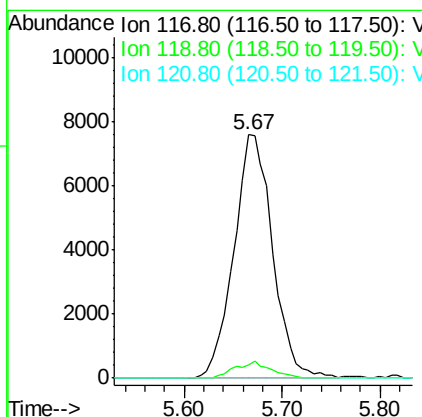
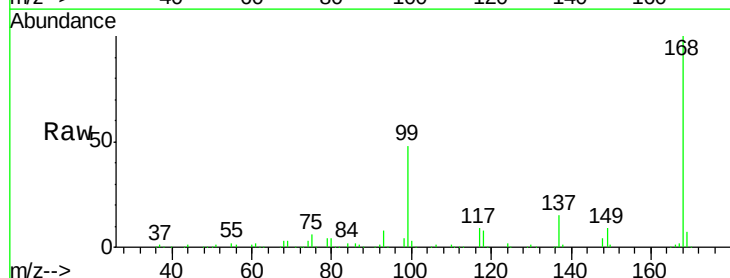
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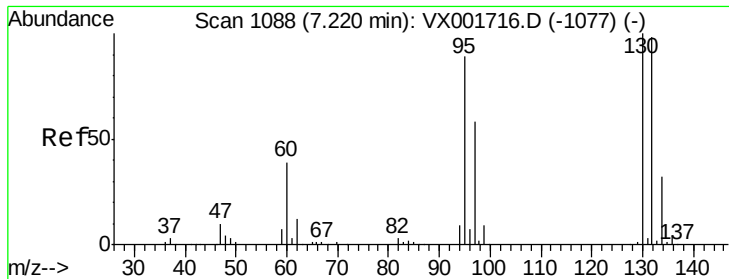
Tgt Ion: 75 Resp: 14678
 Ion Ratio Lower Upper
 75 100
 110 10.8 19.1 57.1#
 77 0.4 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.30 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001747.D
 Acq: 15 May 2018 16:02

Tgt Ion: 117 Resp: 20779
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.6 116.4#
 121 0.0 24.6 36.8#





#44

Trichloroethene

Concen: 1.05 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001747.D

Acq: 15 May 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

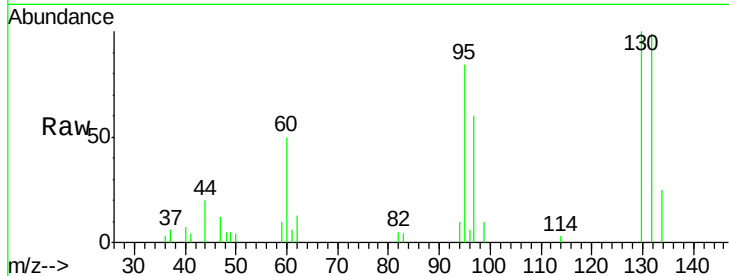
DUP-0454-180503

Tgt Ion:130 Resp: 3610

Ion Ratio Lower Upper

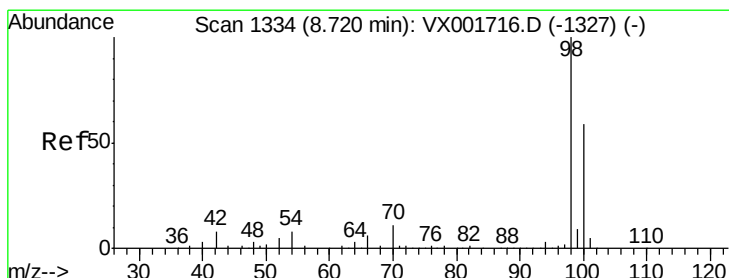
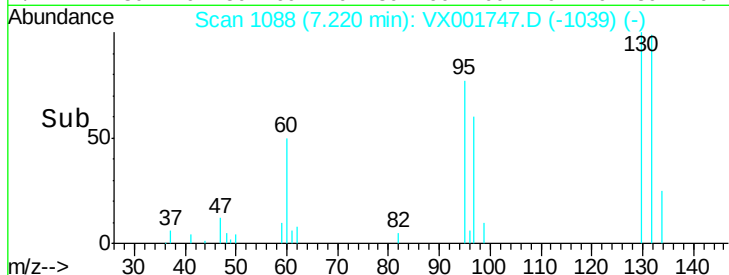
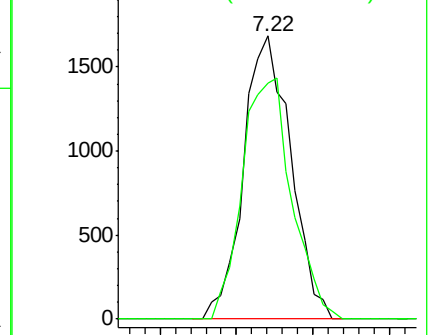
130 100

95 83.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.77 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001747.D

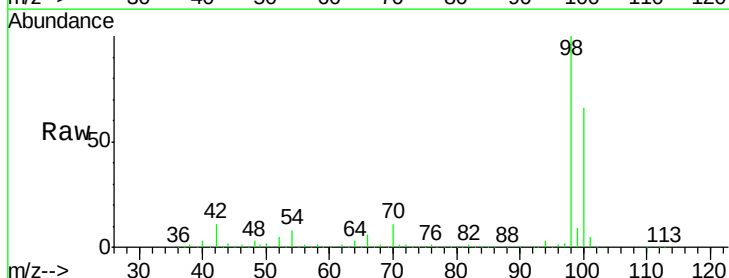
Acq: 15 May 2018 16:02

Tgt Ion: 98 Resp: 479518

Ion Ratio Lower Upper

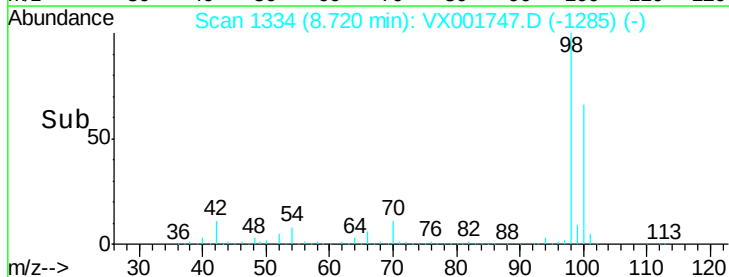
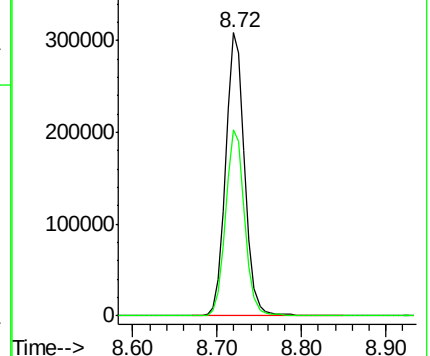
98 100

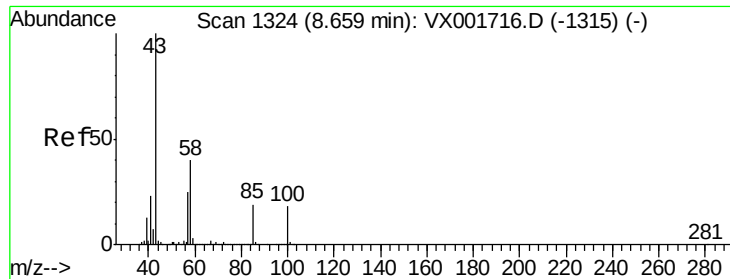
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

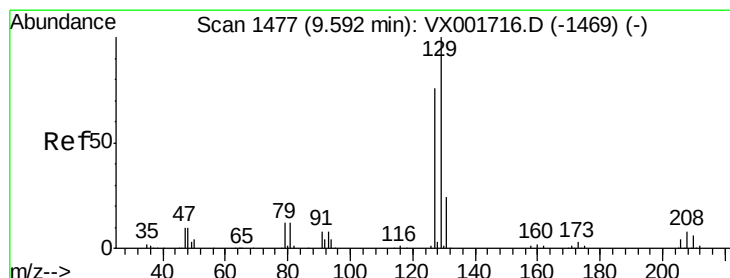
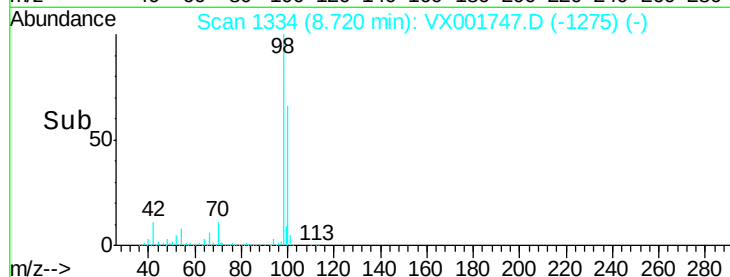
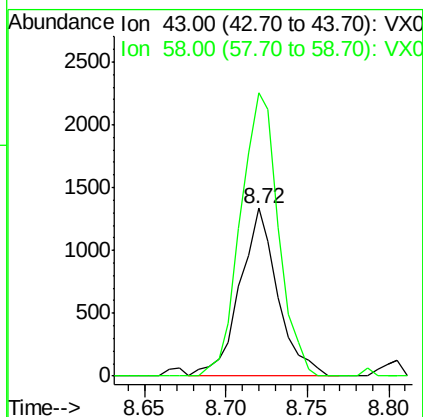
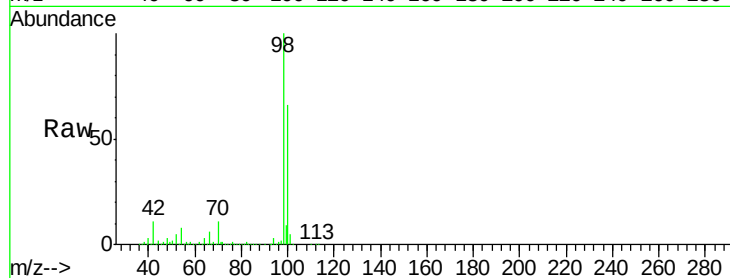




#51
 4-Methyl-2-Pentanone
 Concen: 0.56 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.06 min
 Lab File: VX001747.D
 Acq: 15 May 2018 16:02

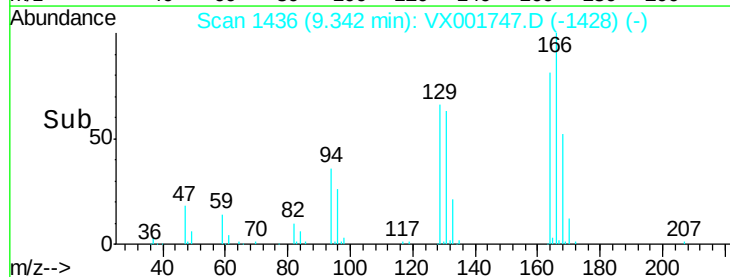
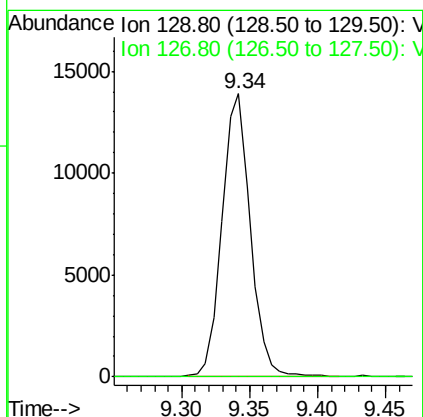
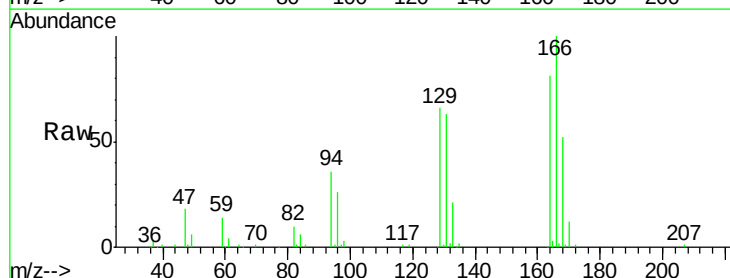
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0454-180503

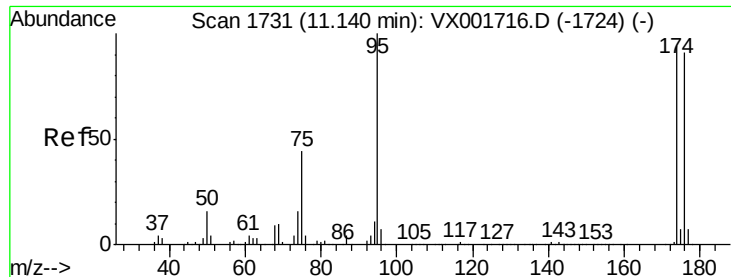
Tgt Ion: 43 Resp: 2163
 Ion Ratio Lower Upper
 43 100
 58 168.3 31.4 47.0#



#60
 Dibromochloromethane
 Concen: 7.24 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001747.D
 Acq: 15 May 2018 16:02

Tgt Ion: 129 Resp: 20087
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.7 116.1#

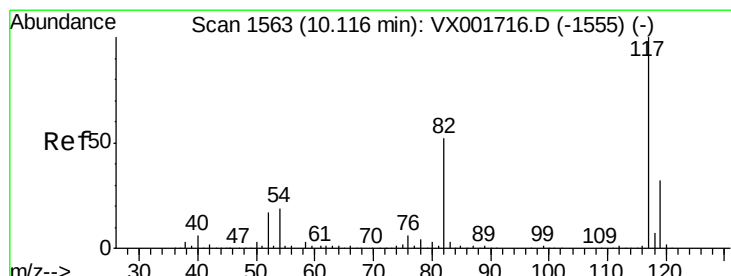
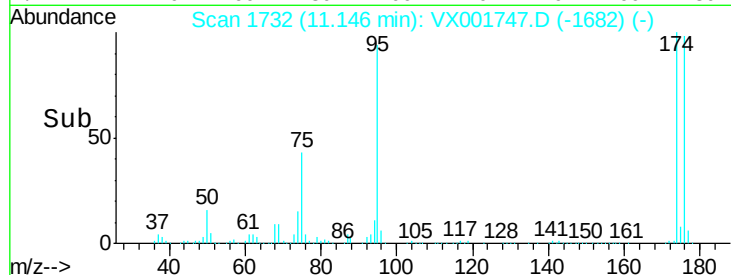
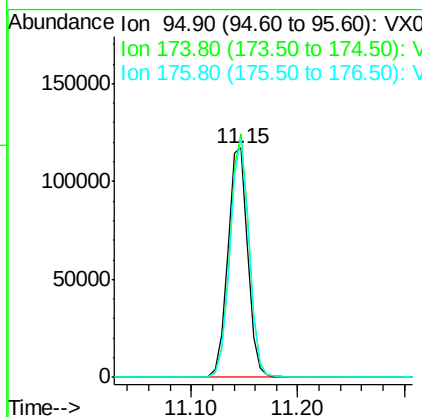
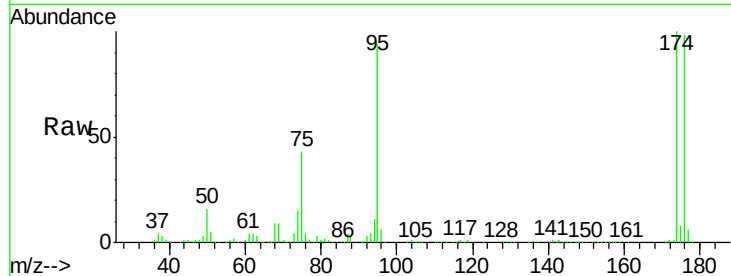




#62
4-Bromofluorobenzene
Concen: 43.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001747.D
Acq: 15 May 2018 16:02

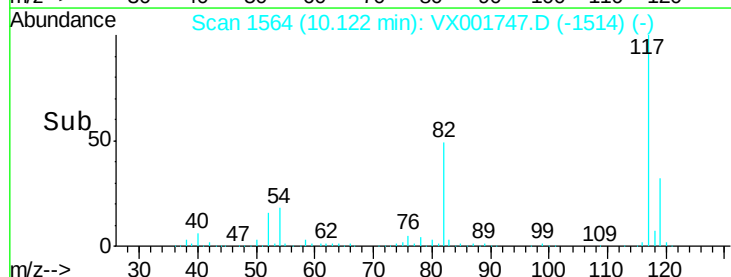
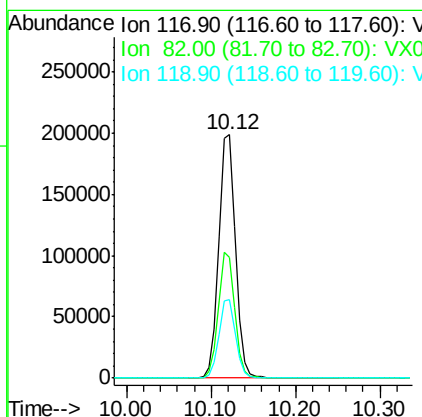
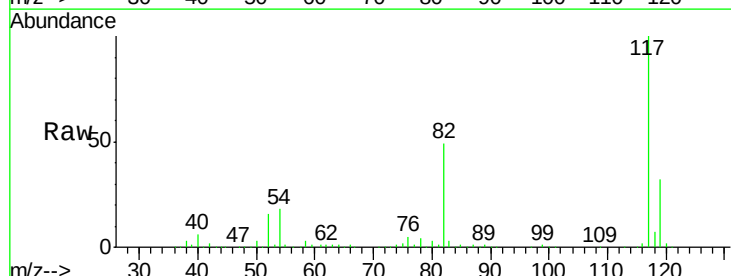
Instrument :
MSVOA_X
ClientSampleId :
DUP-0454-180503

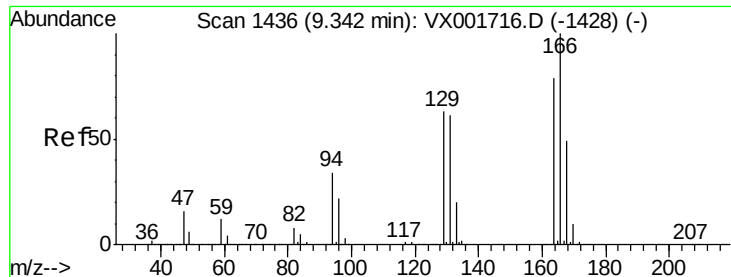
Tgt Ion: 95 Resp: 153373
Ion Ratio Lower Upper
95 100
174 102.5 0.0 201.8
176 99.1 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001747.D
Acq: 15 May 2018 16:02

Tgt Ion: 117 Resp: 276607
Ion Ratio Lower Upper
117 100
82 49.4 41.4 62.2
119 32.3 25.6 38.4

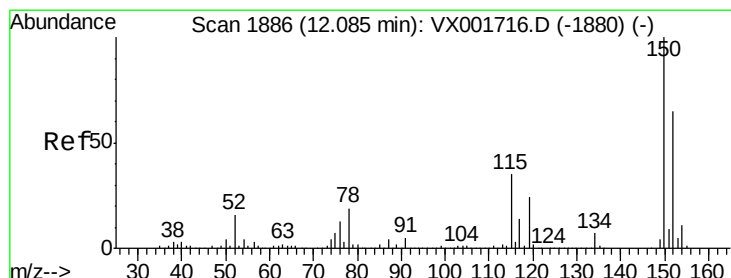
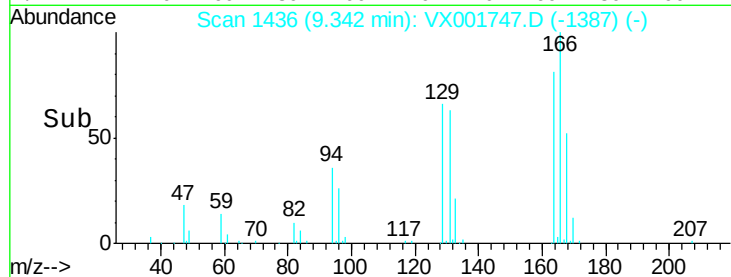
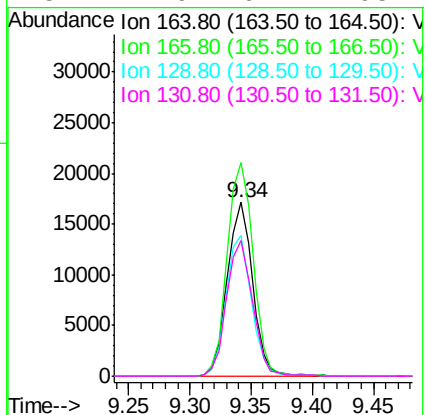
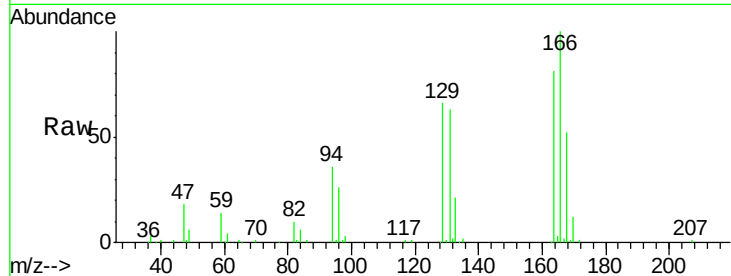




#64
Tetrachloroethene
Concen: 6.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001747.D
Acq: 15 May 2018 16:02

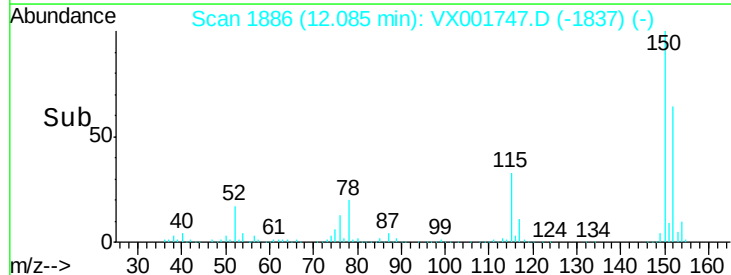
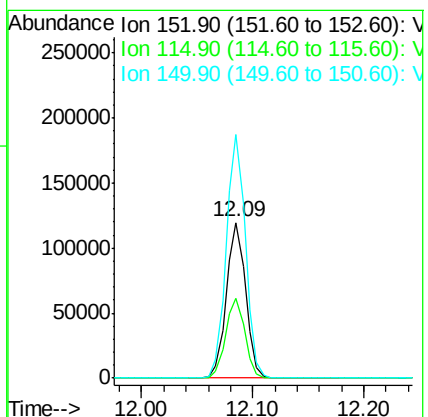
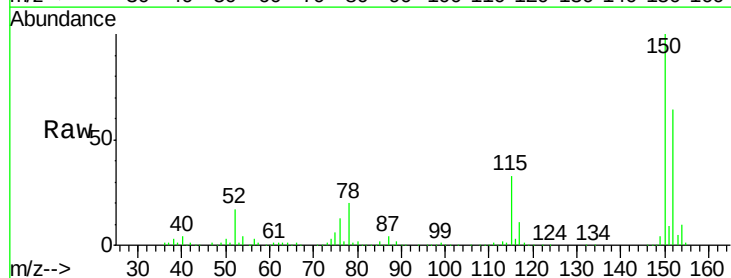
Instrument :
MSVOA_X
ClientSampleId :
DUP-0454-180503

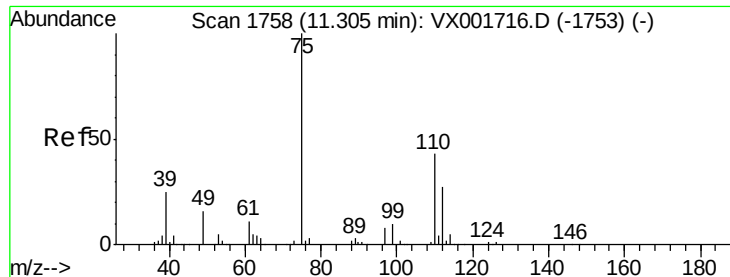
Tgt Ion:164 Resp: 24454
Ion Ratio Lower Upper
164 100
166 122.8 101.8 152.8
129 81.0 63.8 95.6
131 77.9 62.2 93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001747.D
Acq: 15 May 2018 16:02

Tgt Ion:152 Resp: 142869
Ion Ratio Lower Upper
152 100
115 51.4 37.4 112.2
150 155.7 0.0 344.8

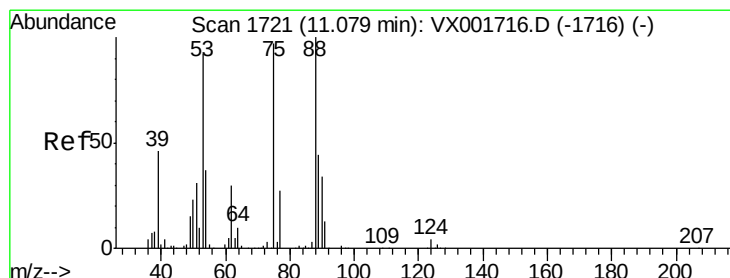
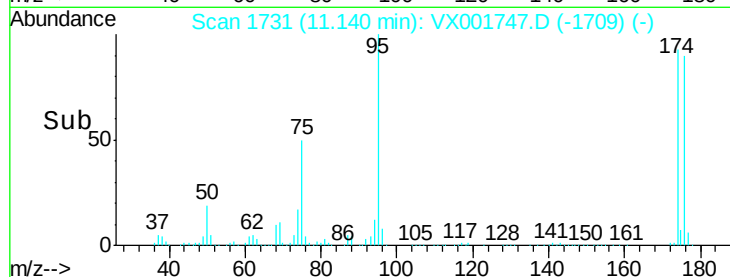
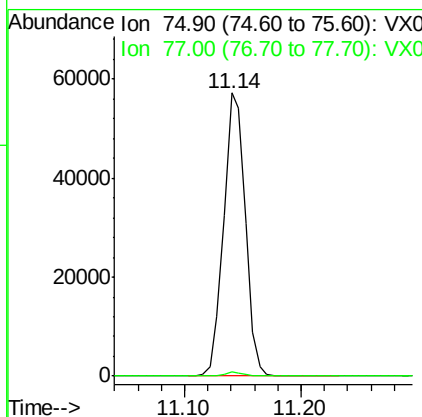
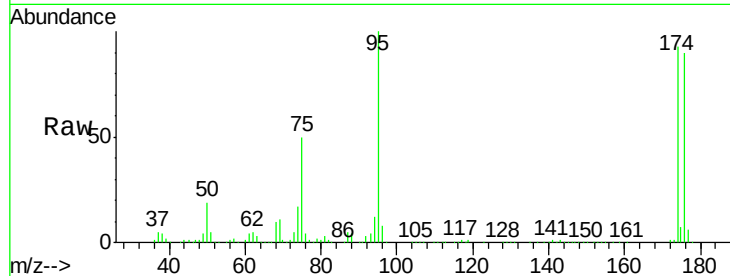




#76
 1,2,3-Trichloropropane
 Concen: 27.06 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001747.D
 Acq: 15 May 2018 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0454-180503

Tgt Ion: 75 Resp: 73521
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.62 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001747.D
 Acq: 15 May 2018 16:02

Tgt Ion: 75 Resp: 73521
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.4 119.2#
 89 0.0 38.8 58.2#

