

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051818\
 Data File : VX001834.D
 Acq On : 18 May 2018 18:54
 Operator : JC/MD
 Sample : J2853-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0455-180507RE

Quant Time: May 19 04:28:06 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	322086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194152	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	230882	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	5.51	113	198615	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
50) Toluene-d8	8.72	98	710168	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.14	95	204573	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	

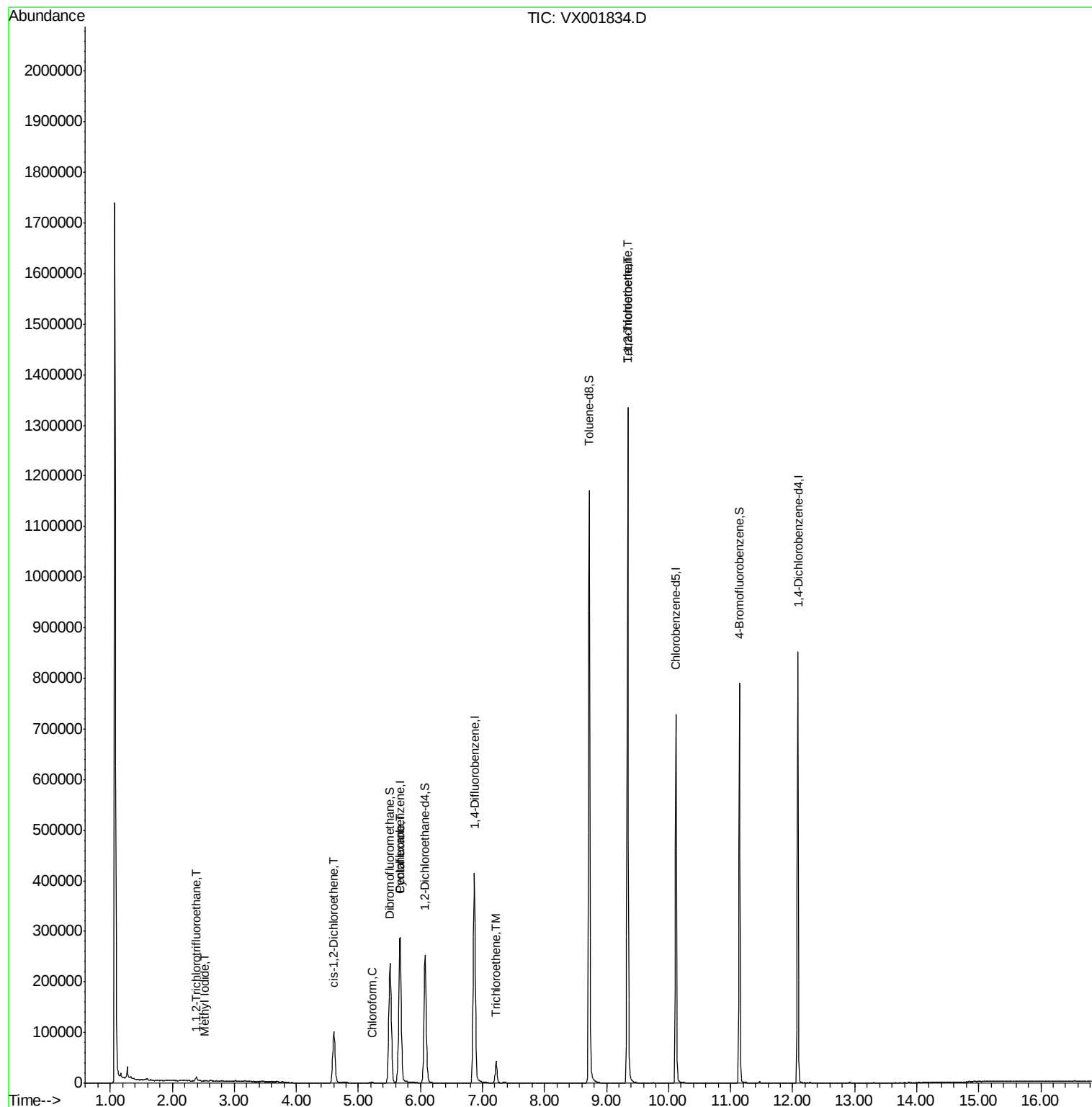
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2990	0.905	ug/l	98
10) Methyl Iodide	2.52	142	892	0.294	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	67143	16.825	ug/l	91
30) Chloroform	5.22	83	1420	0.218	ug/l	94
31) Cyclohexane	5.66	56	4561	0.841	ug/l #	1
44) Trichloroethene	7.22	130	17348	3.677	ug/l	96
55) 1,1,2-Trichloroethane	9.34	97	2010	0.538	ug/l #	1
64) Tetrachloroethene	9.34	164	295798	63.301	ug/l	97

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

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001834.D

Acq: 18 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

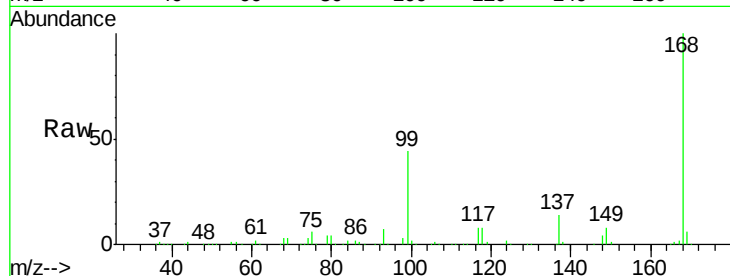
DUP-0455-180507RE

Tgt Ion:168 Resp: 322086

Ion Ratio Lower Upper

168 100

99 43.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

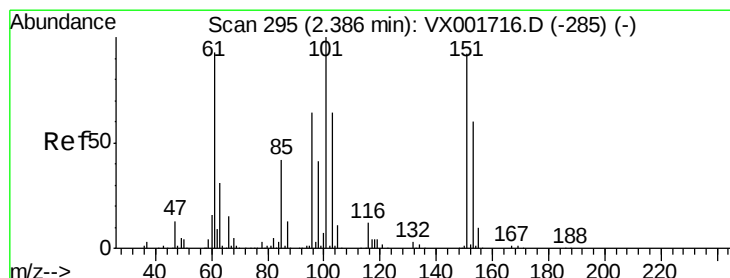
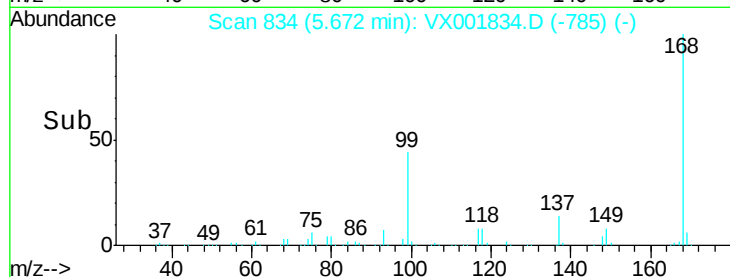
5.67

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.905 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001834.D

Acq: 18 May 2018 18:54

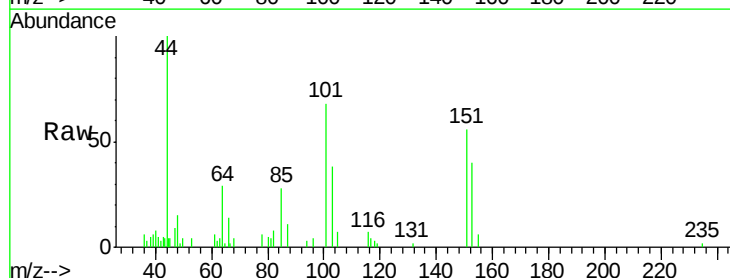
Tgt Ion:101 Resp: 2990

Ion Ratio Lower Upper

101 100

85 40.3 33.7 50.5

151 92.9 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

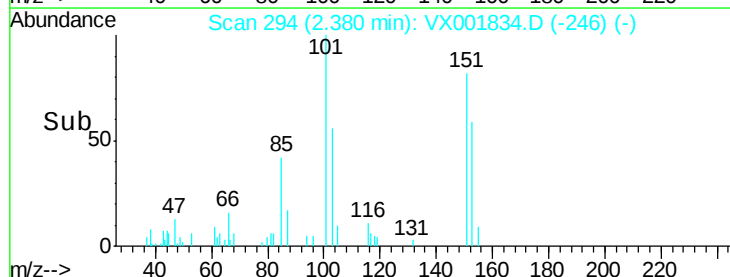
1500

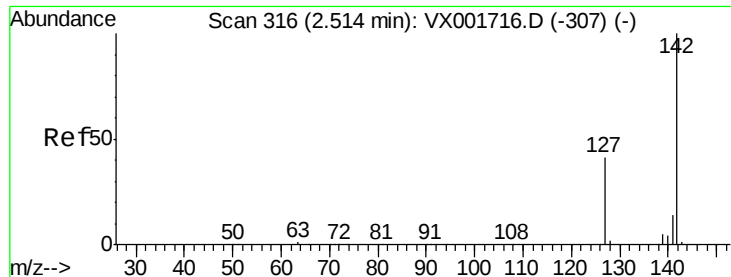
1000

500

0

Time-->

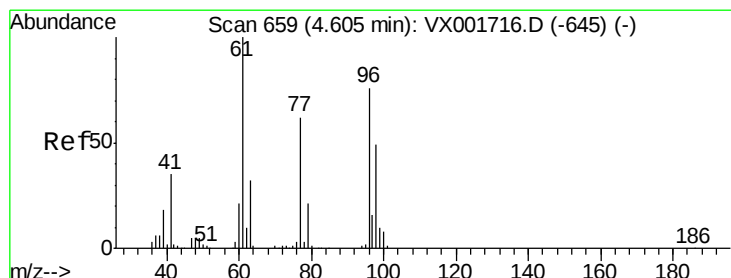
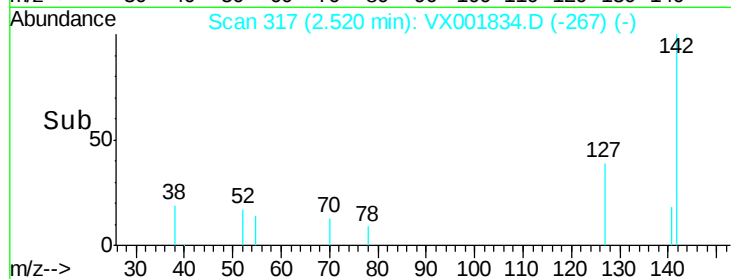
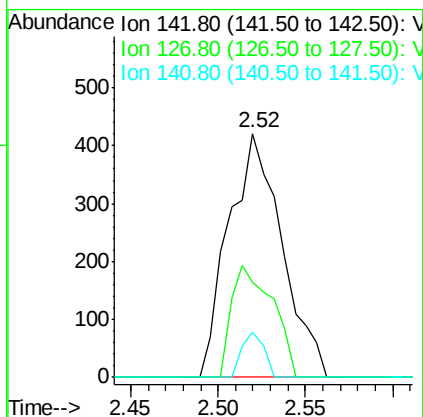
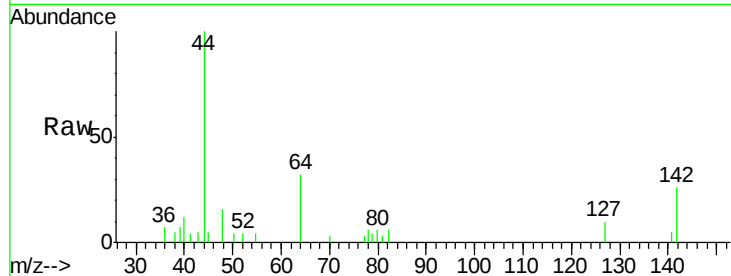




#10
Methyl Iodide
Concen: 0.294 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

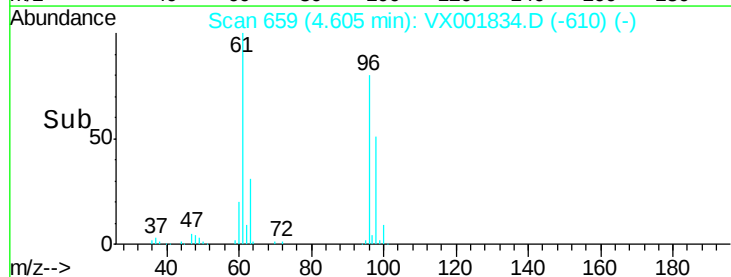
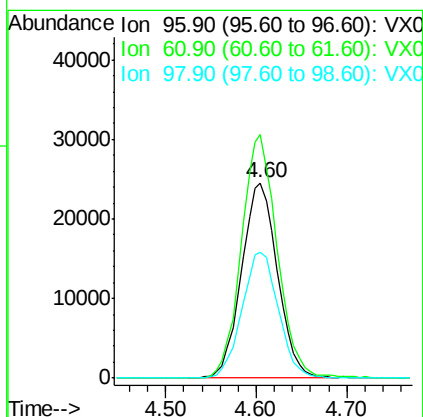
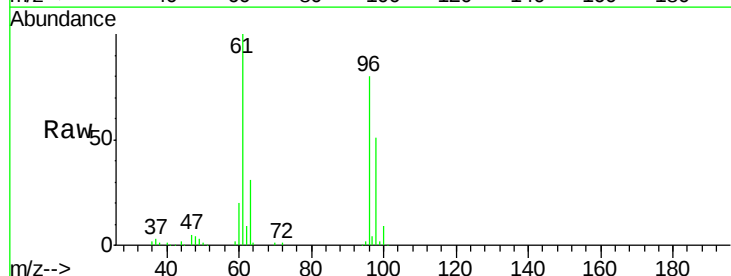
Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507RE

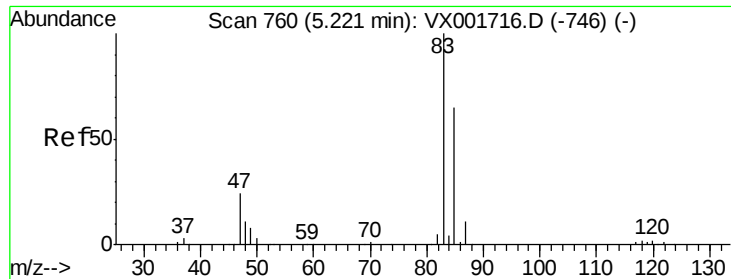
Tgt Ion: 142 Resp: 892
Ion Ratio Lower Upper
142 100
127 35.3 32.5 48.7
141 7.5 11.4 17.0#



#27
cis-1,2-Dichloroethene
Concen: 16.825 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

Tgt Ion: 96 Resp: 67143
Ion Ratio Lower Upper
96 100
61 125.1 0.0 280.4
98 65.8 0.0 128.4

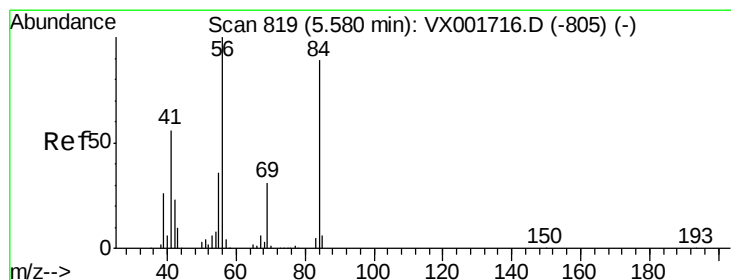
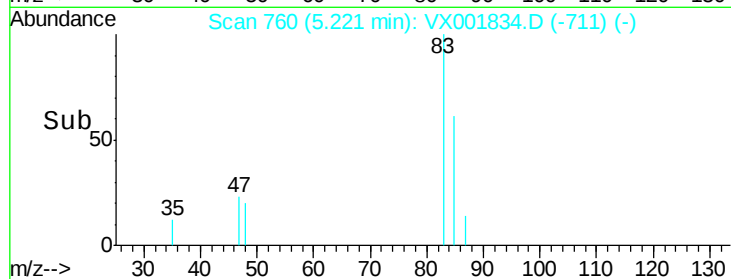
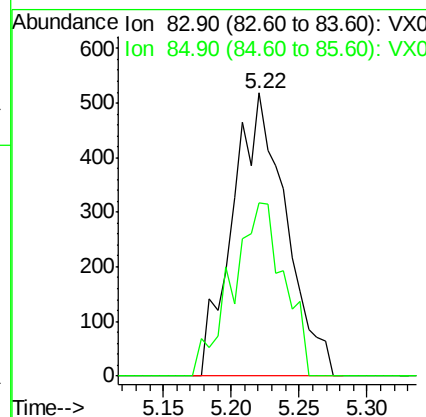
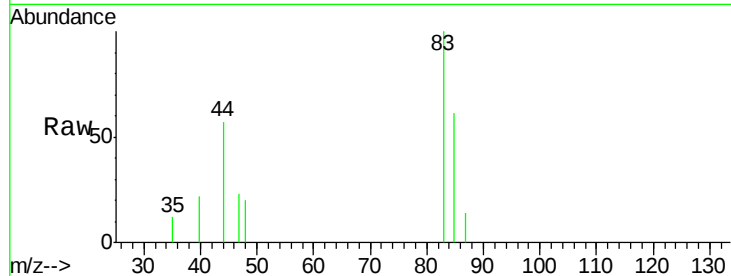




#30
Chloroform
Concen: 0.218 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

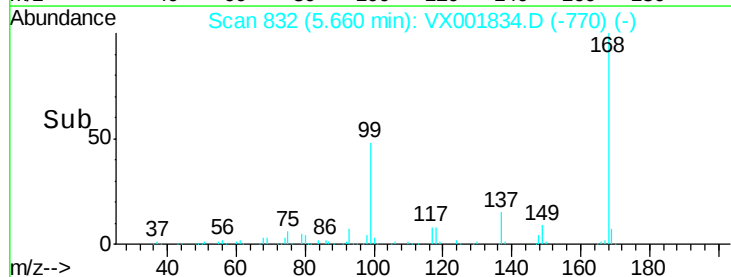
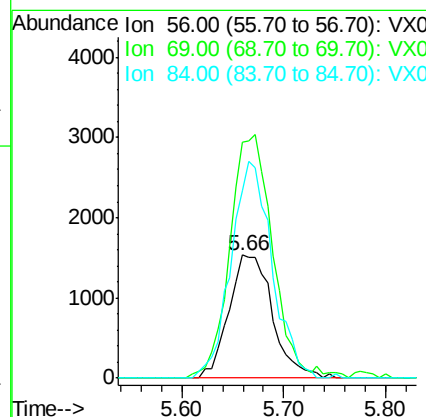
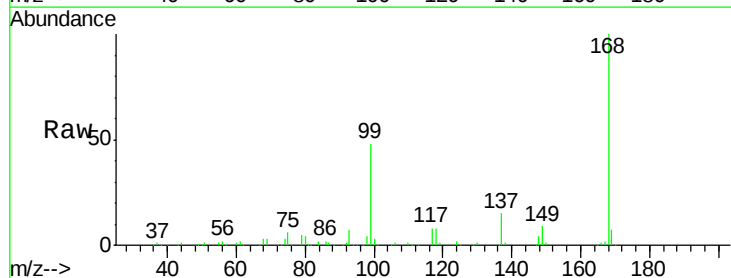
Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507RE

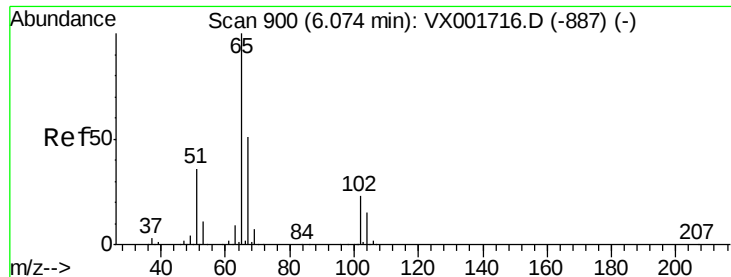
Tgt Ion: 83 Resp: 1420
Ion Ratio Lower Upper
83 100
85 61.0 52.3 78.5



#31
Cyclohexane
Concen: 0.841 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

Tgt Ion: 56 Resp: 4561
Ion Ratio Lower Upper
56 100
69 188.1 25.0 37.6#
84 152.3 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 53.480 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001834.D

Acq: 18 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

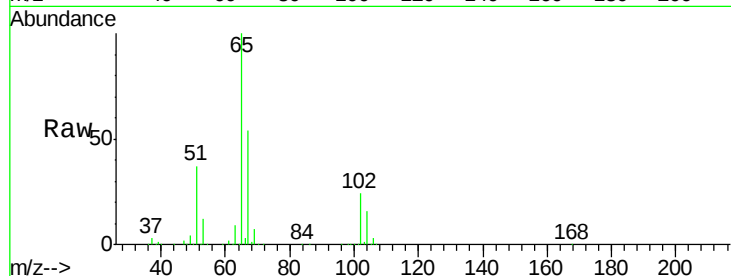
DUP-0455-180507RE

Tgt Ion: 65 Resp: 230882

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

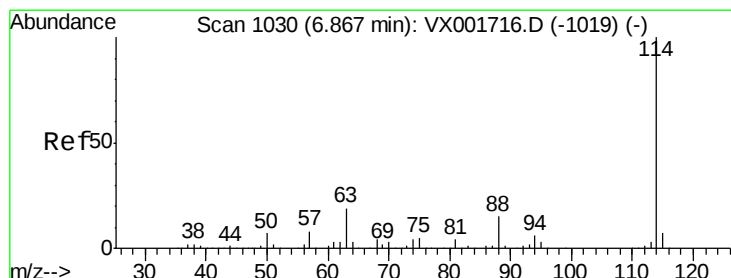
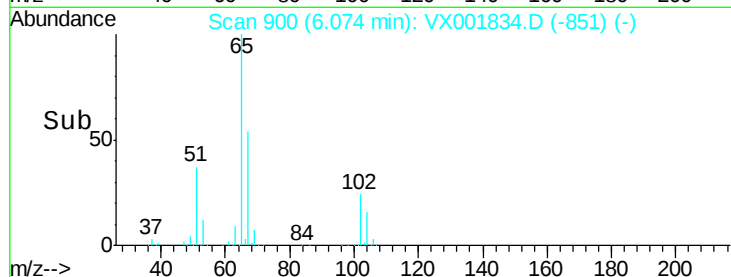
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001834.D

Acq: 18 May 2018 18:54

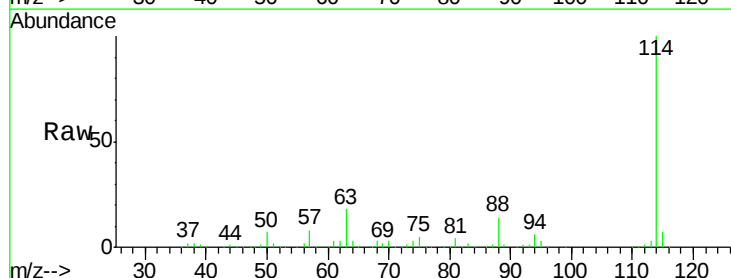
Tgt Ion: 114 Resp: 448151

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 14.3 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

250000

200000

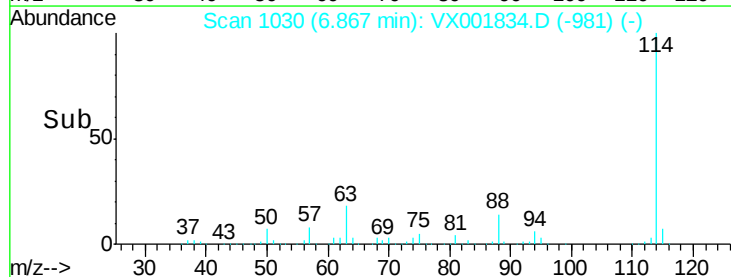
150000

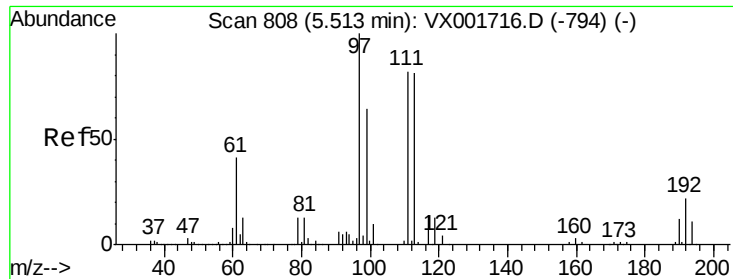
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

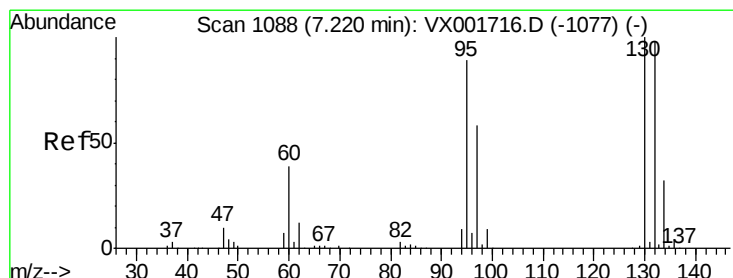
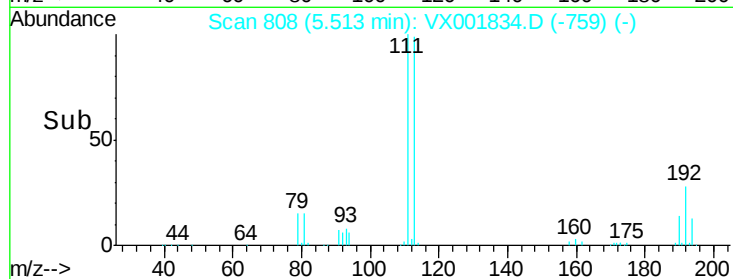
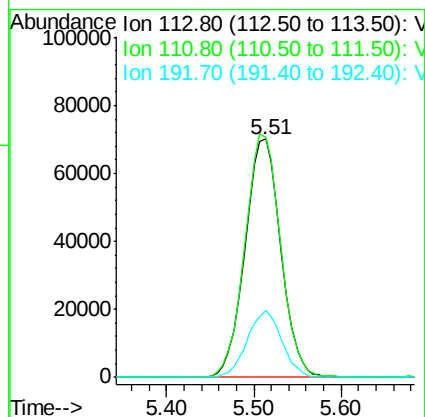
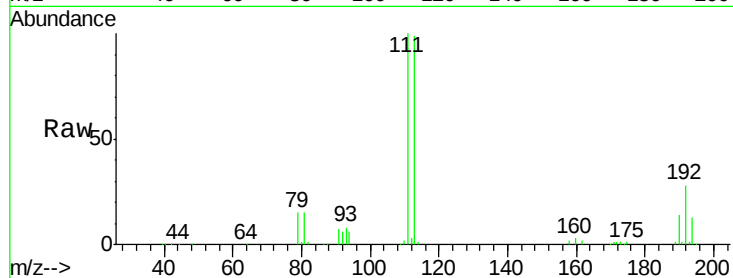




#35
 Dibromofluoromethane
 Concen: 52.516 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001834.D
 Acq: 18 May 2018 18:54

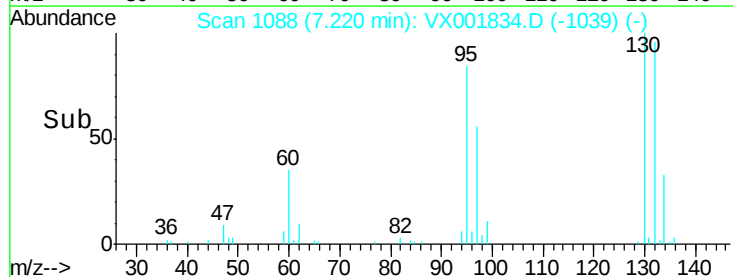
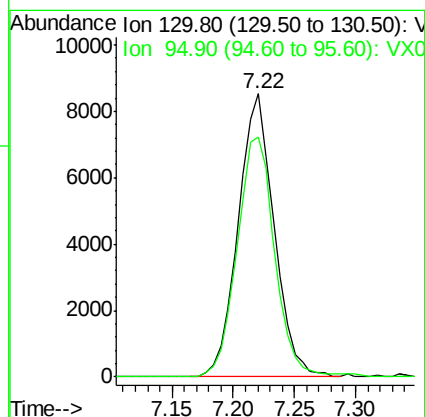
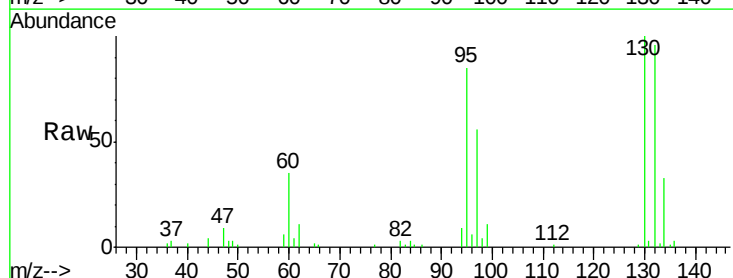
Instrument :
 MSVOA_X
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 DUP-0455-180507RE

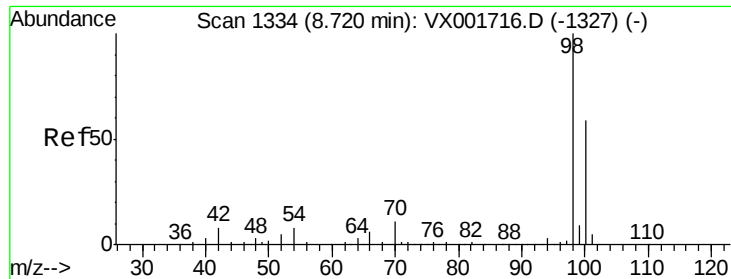
Tgt Ion:113 Resp: 198615
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 27.2 21.6 32.4



#44
 Trichloroethene
 Concen: 3.677 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001834.D
 Acq: 18 May 2018 18:54

Tgt Ion:130 Resp: 17348
 Ion Ratio Lower Upper
 130 100
 95 85.0 0.0 177.2





#50

Toluene-d8

Concen: 52.430 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001834.D

Acq: 18 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

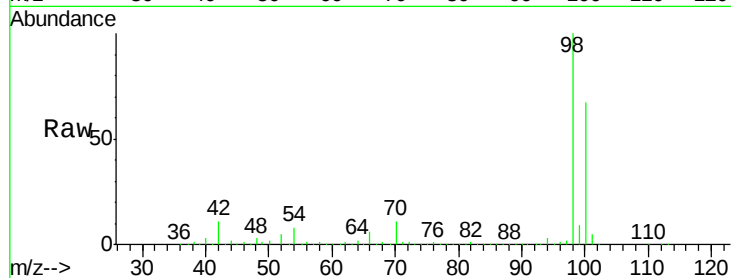
DUP-0455-180507RE

Tgt Ion: 98 Resp: 710168

Ion Ratio Lower Upper

98 100

100 66.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

500000

400000

300000

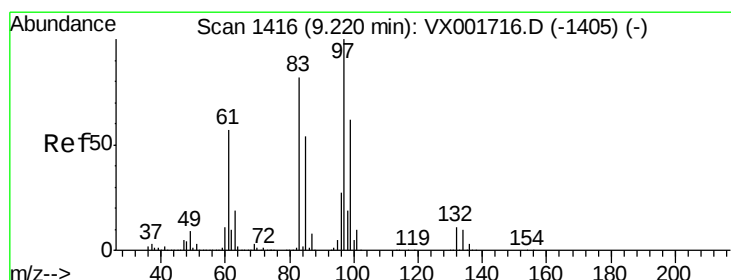
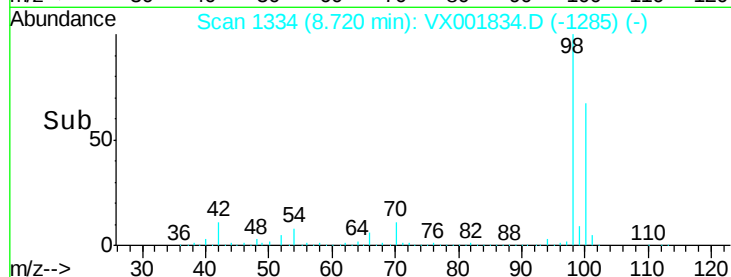
200000

100000

0

Time-->

8.60 8.80 9.00



#55

1,1,2-Trichloroethane

Concen: 0.538 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.12 min

Lab File: VX001834.D

Acq: 18 May 2018 18:54

Tgt Ion: 97 Resp: 2010

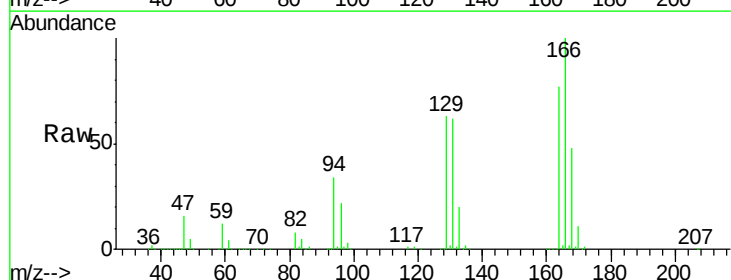
Ion Ratio Lower Upper

97 100

83 255.6 65.8 98.8#

85 30.3 43.4 65.0#

99 15.3 49.8 74.6#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

6000

5000

4000

3000

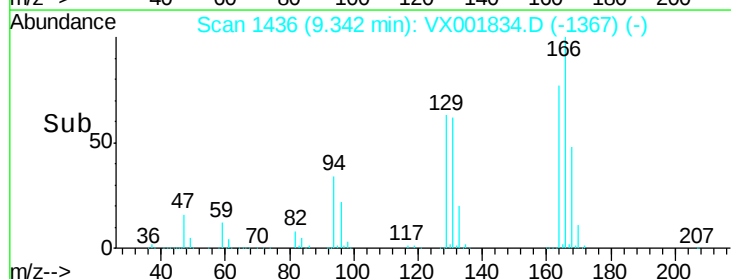
2000

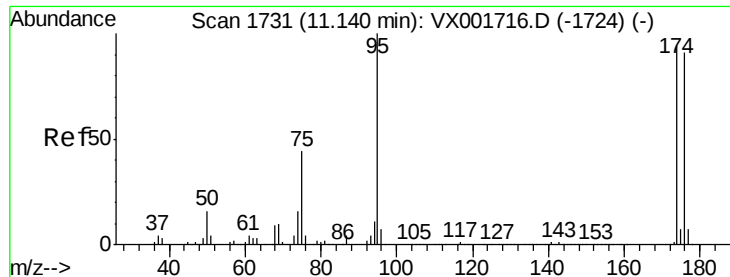
1000

0

Time-->

9.30 9.35

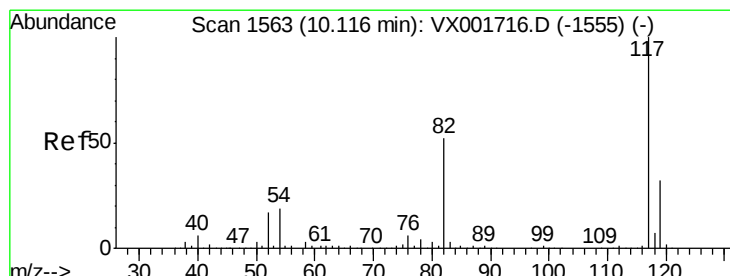
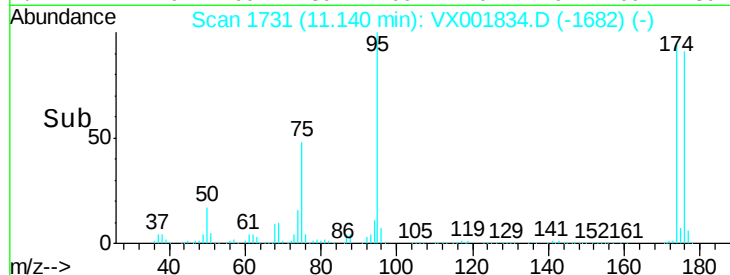
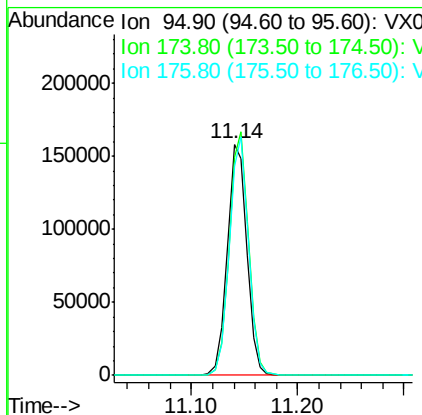
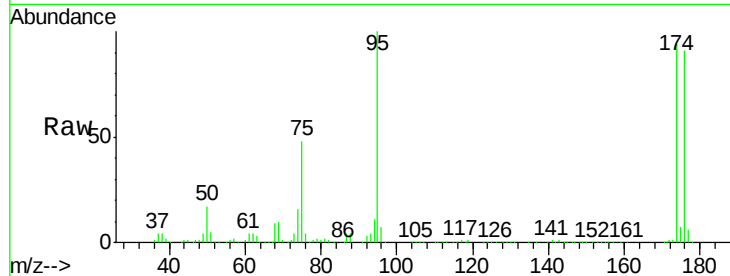




#62
4-Bromofluorobenzene
Concen: 41.947 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

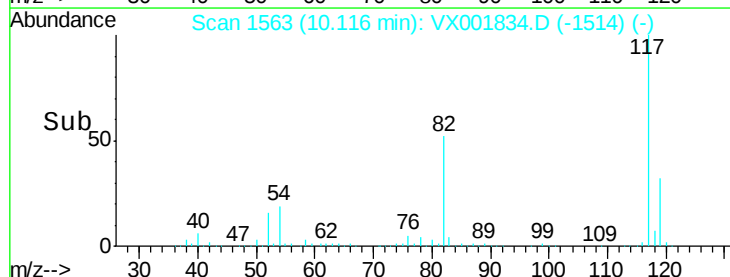
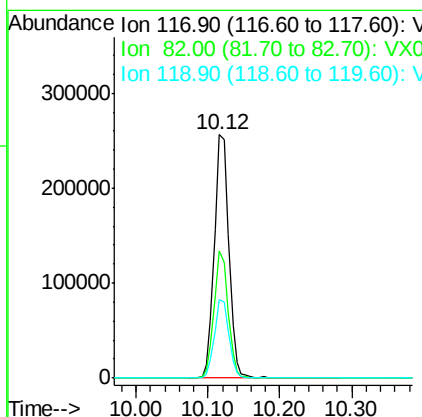
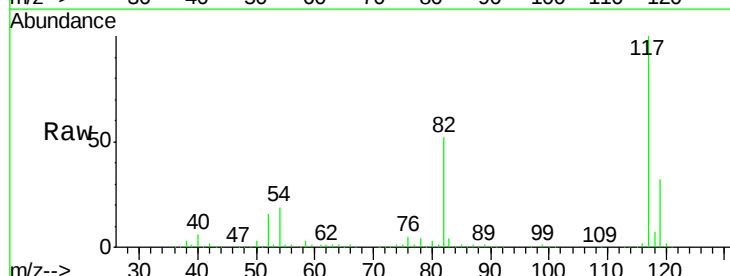
Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507RE

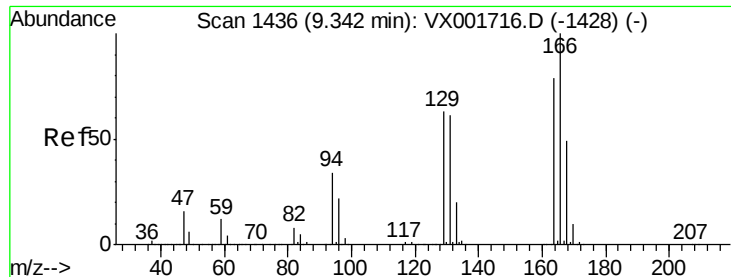
Tgt Ion: 95 Resp: 204573
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.8
176 100.6 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

Tgt Ion: 117 Resp: 358958
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 32.4 25.6 38.4

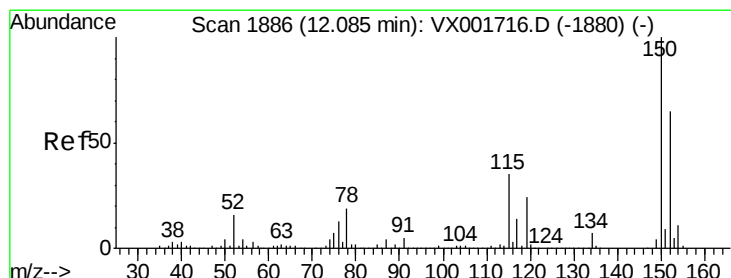
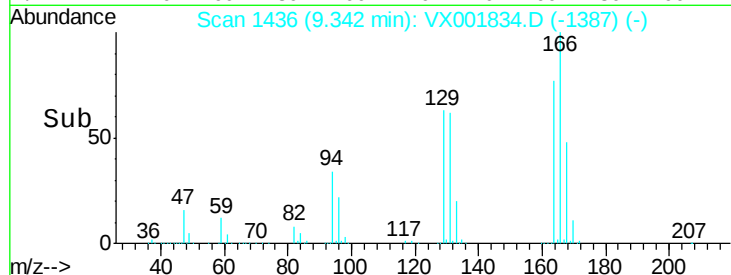
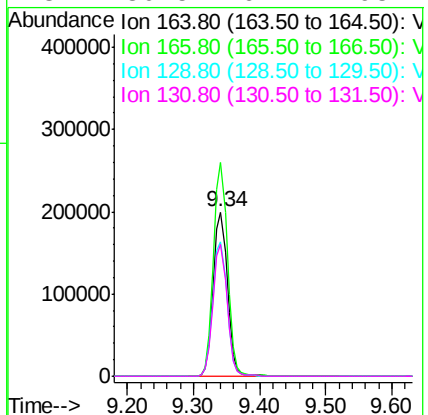
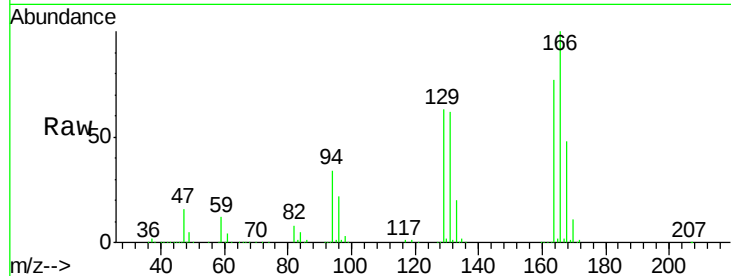




#64
Tetrachloroethene
Concen: 63.301 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
DUP-0455-180507RE

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.8	152.8
129	81.8	63.8	95.6
131	80.5	62.2	93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001834.D
Acq: 18 May 2018 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.9	37.4	112.2
150	155.1	0.0	344.8

