

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007975.D
 Acq On : 11 Mar 2019 17:37
 Operator : JC/SP
 Sample : K1793-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190305DL

Quant Time: Mar 12 09:01:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

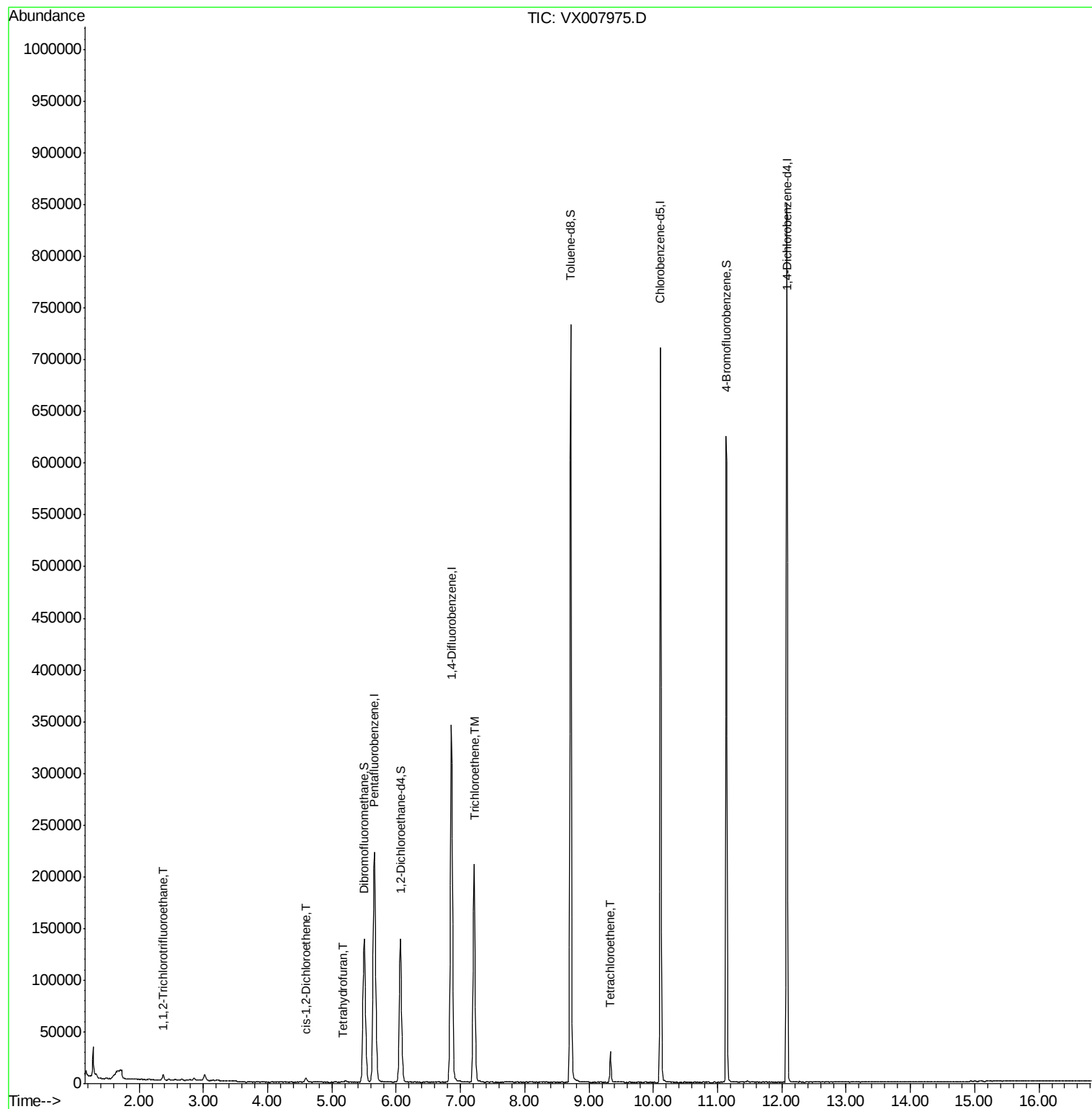
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128599	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	5.50	113	119362	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	8.71	98	446724	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	168736	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1574	0.750	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	2234	0.877	ug/l	87
29) Tetrahydrofuran	5.17	42	394	0.307	ug/l #	44
44) Trichloroethene	7.21	130	87977	32.124	ug/l	99
64) Tetrachloroethene	9.34	164	6377	2.226	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

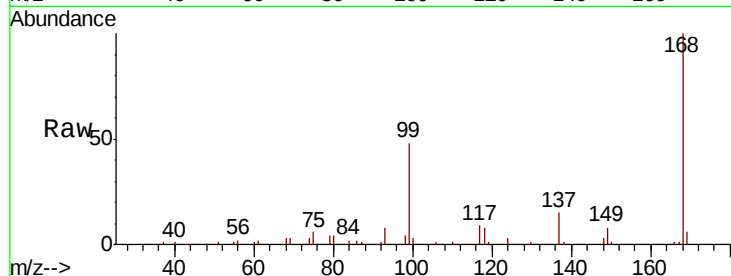
RE131D1-20190305DL

Tgt Ion:168 Resp: 237680

Ion Ratio Lower Upper

168 100

99 47.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

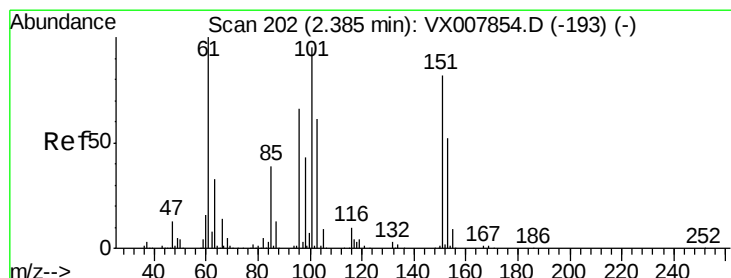
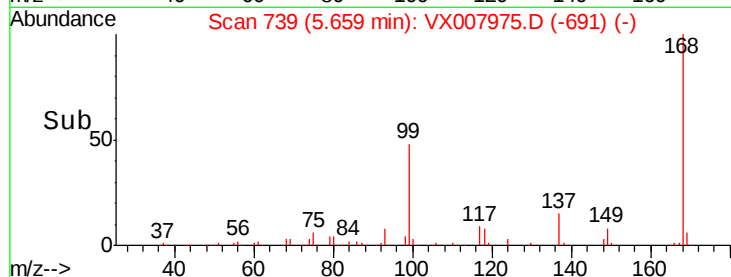
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.750 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007975.D

Acq: 11 Mar 2019 17:37

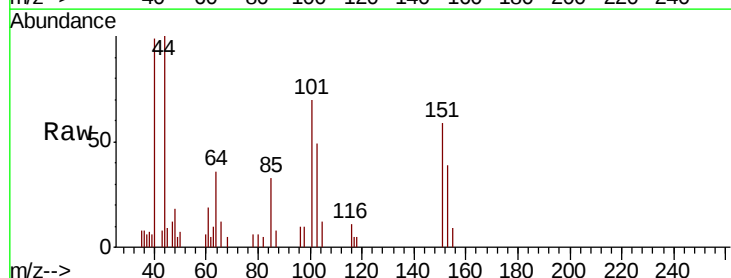
Tgt Ion:101 Resp: 1574

Ion Ratio Lower Upper

101 100

85 47.6 33.8 50.6

151 87.5 69.1 103.7



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

1000

800

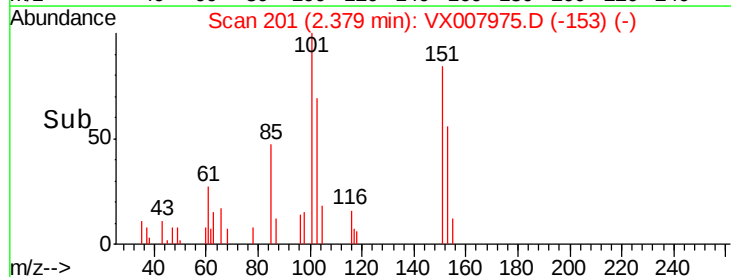
600

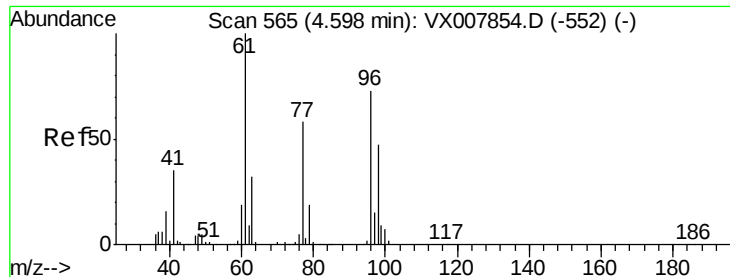
400

200

0

Time--> 2.30 2.35 2.40



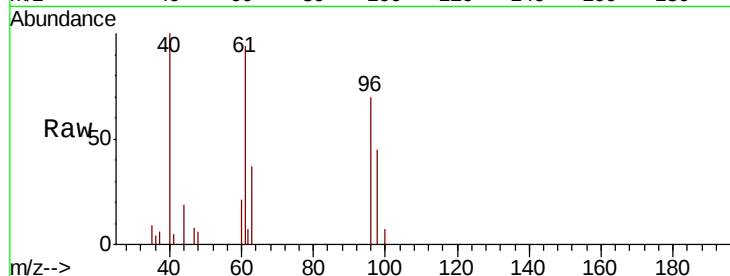


#27

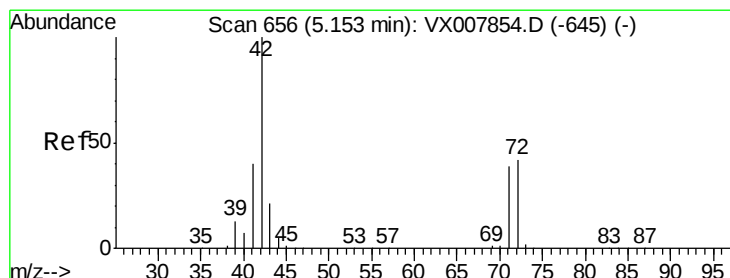
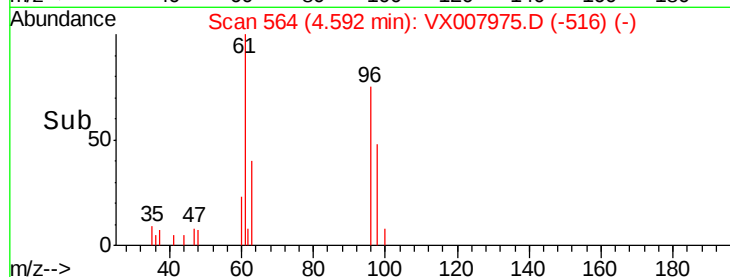
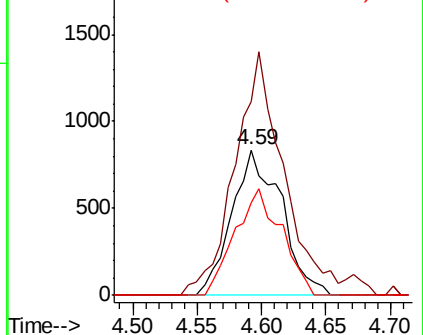
cis-1,2-Dichloroethene
Concen: 0.877 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007975.D
Acq: 11 Mar 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305DL

Tgt Ion: 96 Resp: 2234
Ion Ratio Lower Upper
96 100
61 164.0 0.0 288.0
98 68.8 0.0 129.0



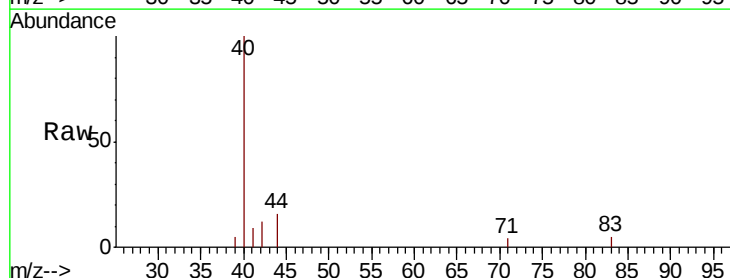
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



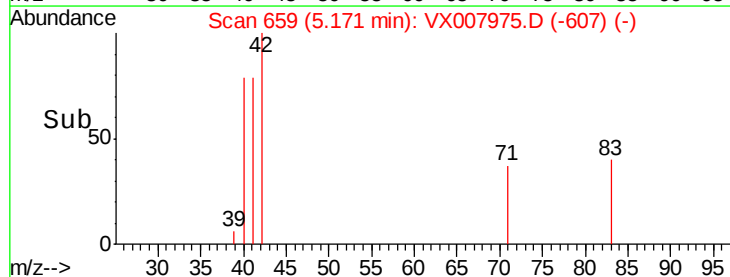
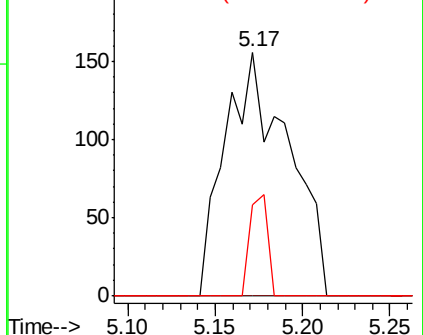
#29

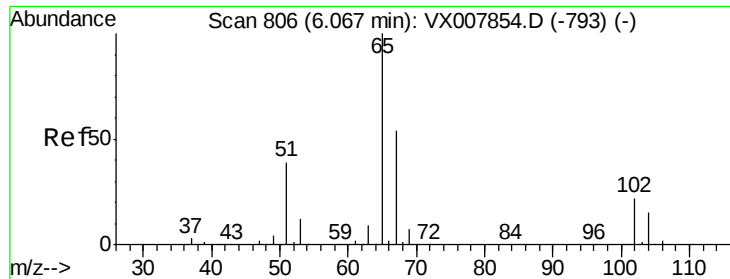
Tetrahydrofuran
Concen: 0.307 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007975.D
Acq: 11 Mar 2019 17:37

Tgt Ion: 42 Resp: 394
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.6#
71 11.4 31.5 47.3#



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

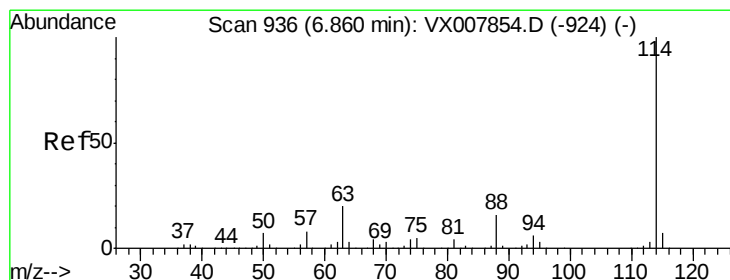
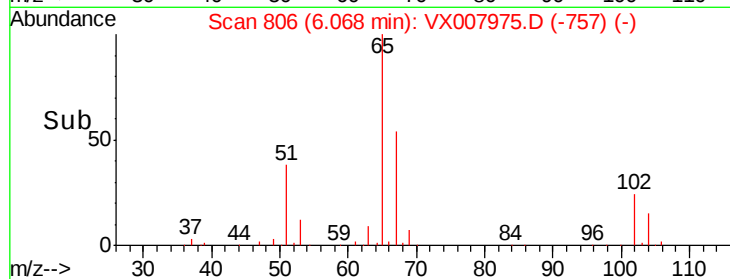
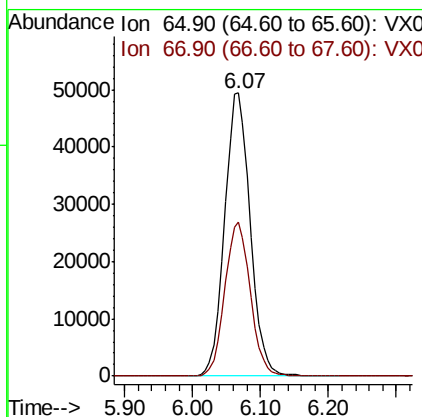
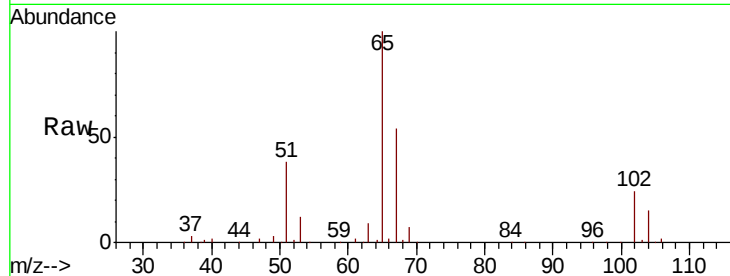




#33
 1,2-Dichloroethane-d4
 Concen: 51.290 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007975.D
 Acq: 11 Mar 2019 17:37

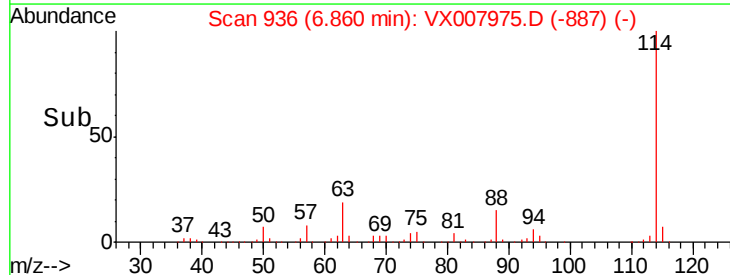
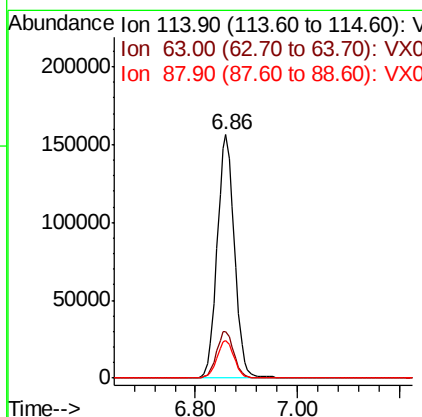
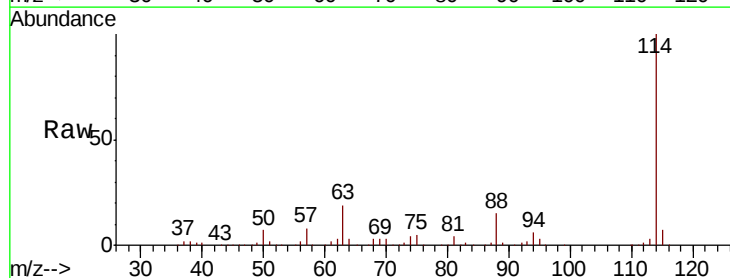
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190305DL

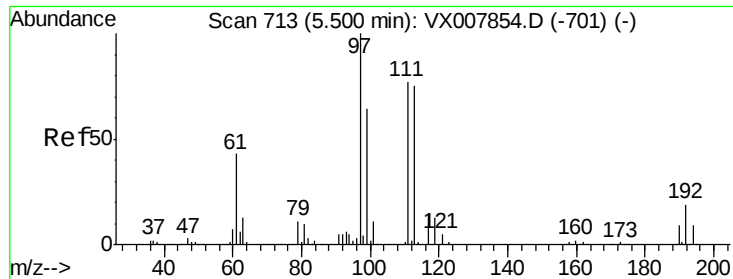
Tgt Ion: 65 Resp: 128599
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007975.D
 Acq: 11 Mar 2019 17:37

Tgt Ion: 114 Resp: 368658
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.3 0.0 31.4

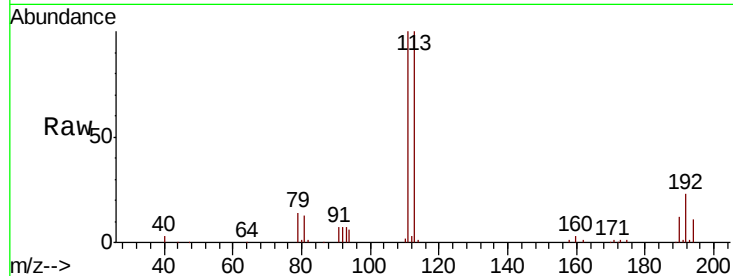




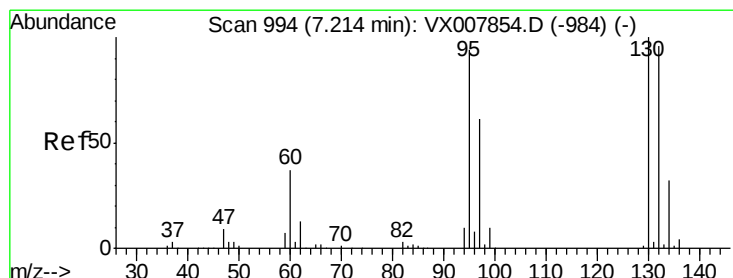
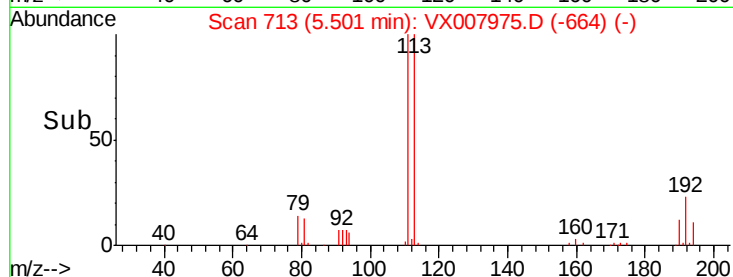
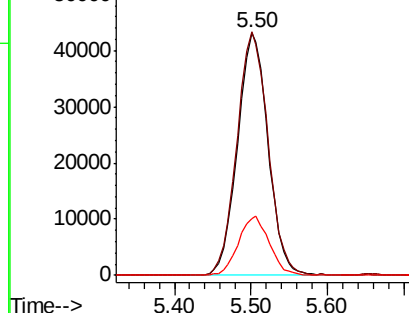
#35
Dibromofluoromethane
Concen: 50.616 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007975.D
Acq: 11 Mar 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305DL

Tgt Ion:113 Resp: 119362
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 24.7 19.4 29.0

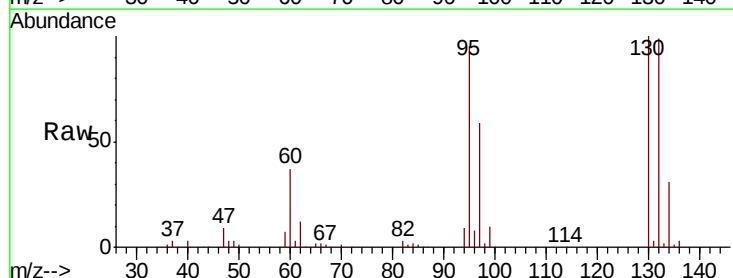


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

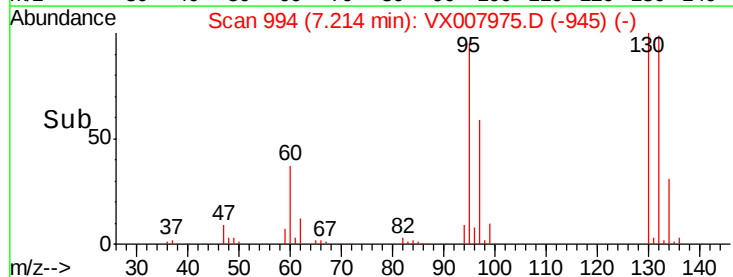
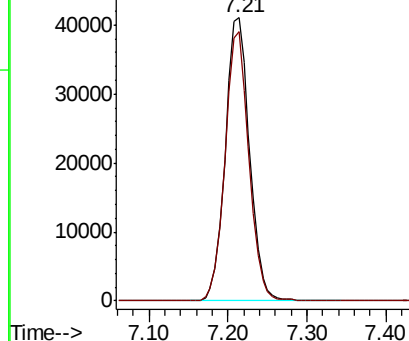


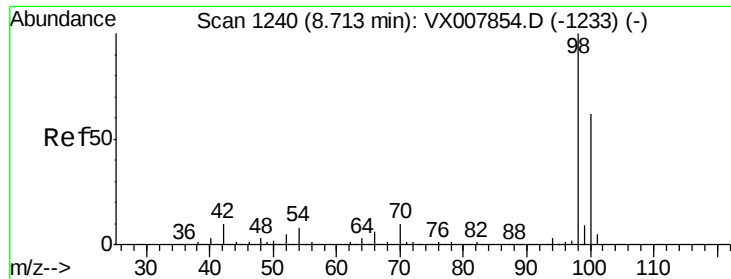
#44
Trichloroethene
Concen: 32.124 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007975.D
Acq: 11 Mar 2019 17:37

Tgt Ion:130 Resp: 87977
Ion Ratio Lower Upper
130 100
95 95.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.582 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007975.D

Acq: 11 Mar 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

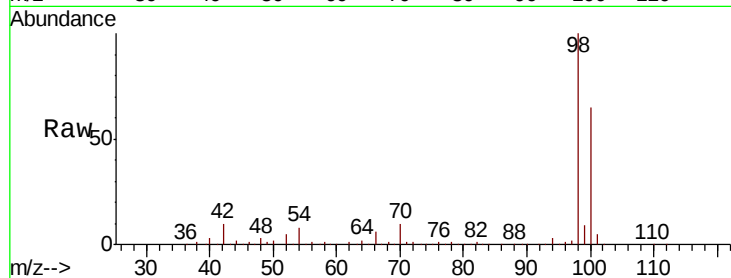
RE131D1-20190305DL

Tgt Ion: 98 Resp: 446724

Ion Ratio Lower Upper

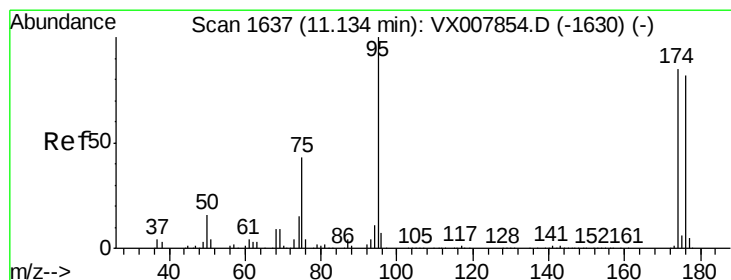
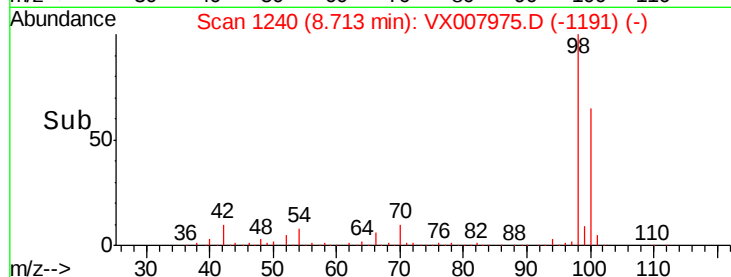
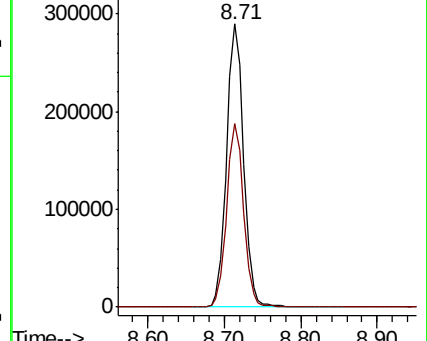
98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 55.571 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007975.D

Acq: 11 Mar 2019 17:37

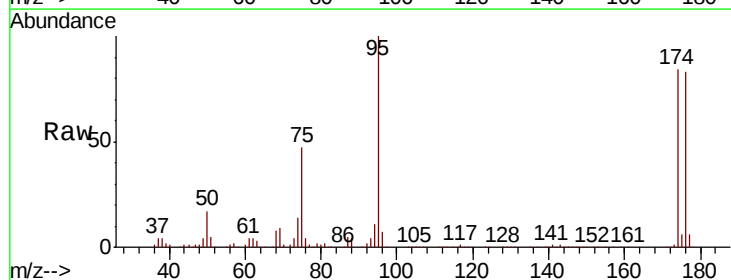
Tgt Ion: 95 Resp: 168736

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

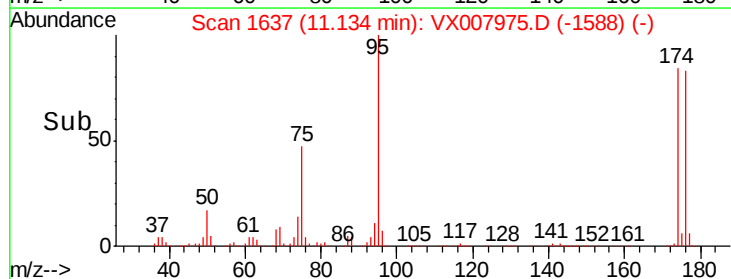
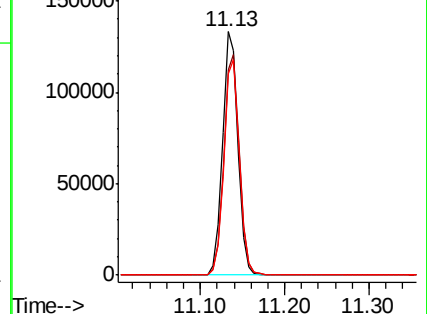
176 89.2 0.0 178.0

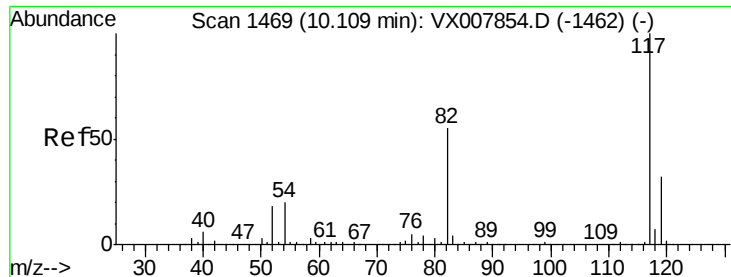


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

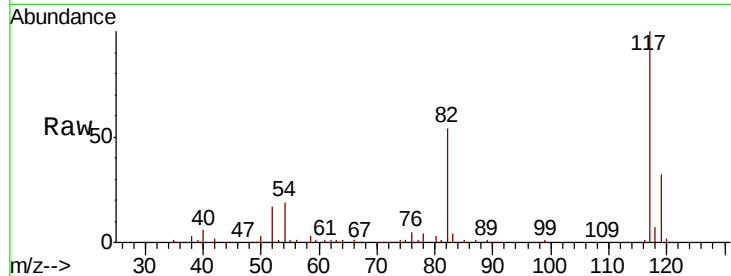




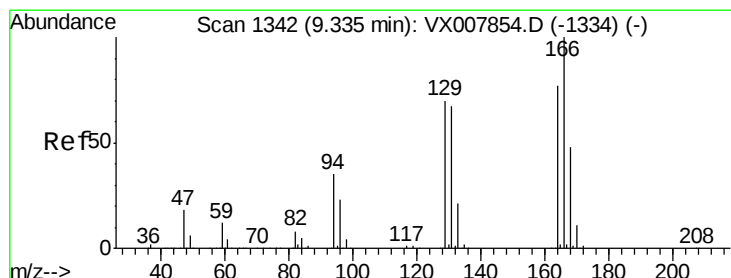
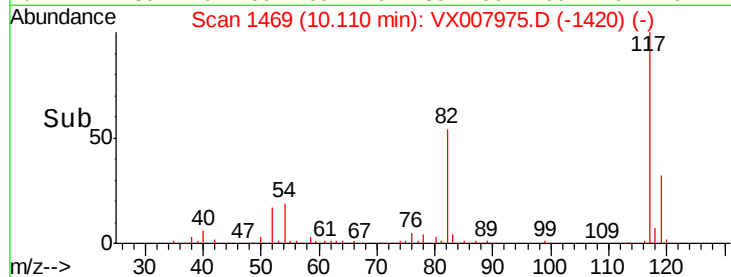
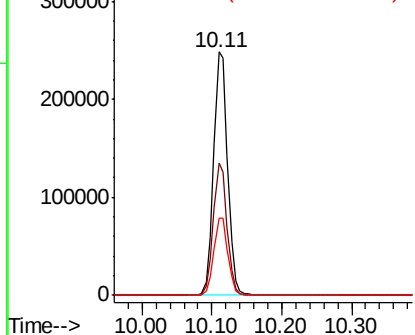
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007975.D
Acq: 11 Mar 2019 17:37

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305DL

Tgt Ion:117 Resp: 345757
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 31.8 25.3 37.9



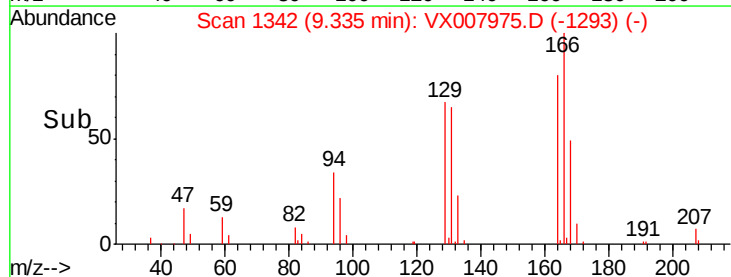
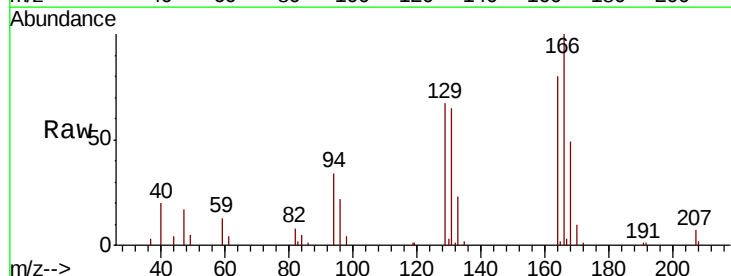
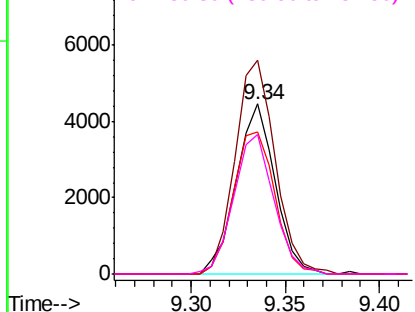
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

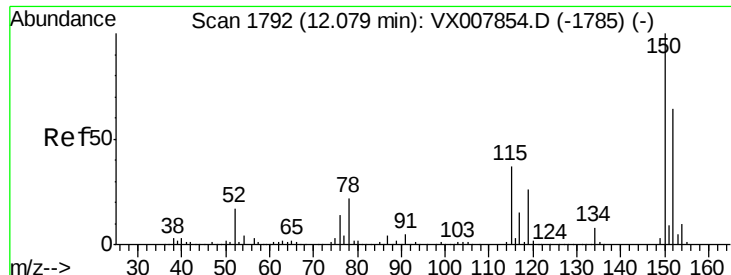


#64
Tetrachloroethene
Concen: 2.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007975.D
Acq: 11 Mar 2019 17:37

Tgt Ion:164 Resp: 6377
Ion Ratio Lower Upper
164 100
166 125.7 103.4 155.0
129 84.0 72.2 108.4
131 82.0 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

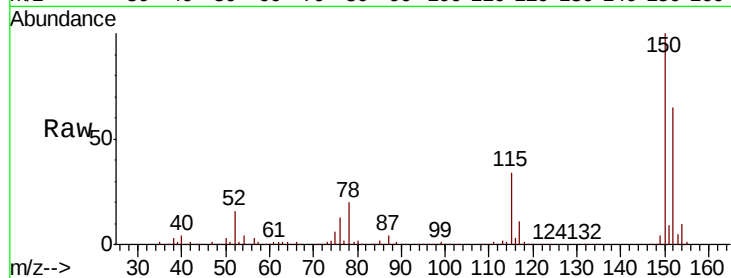




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007975.D
 Acq: 11 Mar 2019 17:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190305DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.6	115.7
150	156.2	0.0	348.4



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

