

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007949.D
 Acq On : 08 Mar 2019 23:35
 Operator : JC/SP
 Sample : K1793-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190305

Quant Time: Mar 11 12:07:30 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	5.67	168	269054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193933	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	146239	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
35) Dibromofluoromethane	5.51	113	135763	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	8.71	98	511289	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.13	95	190095	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	

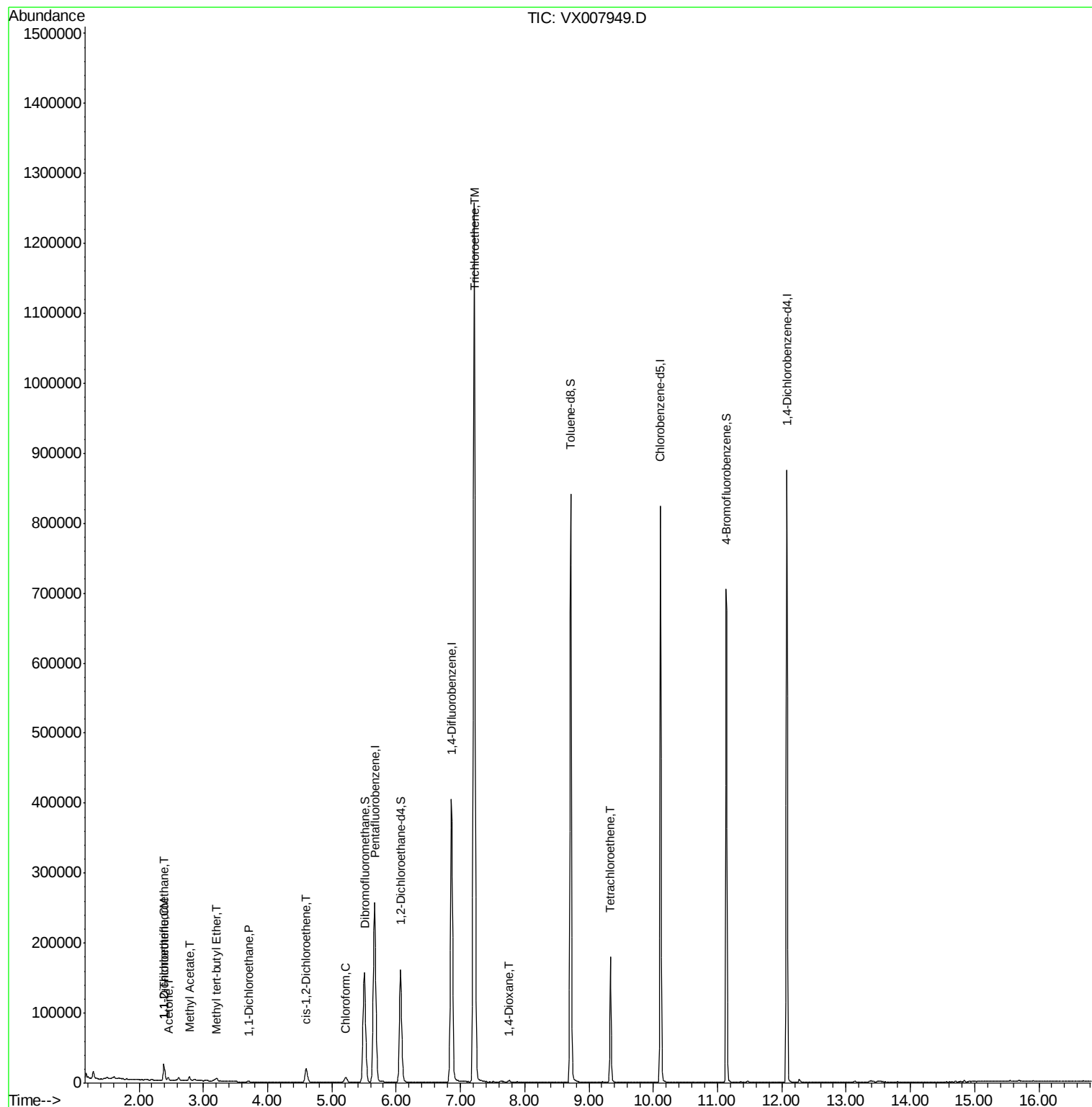
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8018	3.376	ug/l	96
12) 1,1-Dichloroethene	2.39	96	1599	0.699	ug/l	97
16) Acetone	2.45	43	3039	1.850	ug/l	96
18) Methyl Acetate	2.78	43	7532	2.158	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	4252	0.540	ug/l	93
24) 1,1-Dichloroethane	3.71	63	2224	0.469	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	12910	4.479	ug/l	92
30) Chloroform	5.22	83	8012	1.785	ug/l	100
44) Trichloroethene	7.21	130	504858	161.396	ug/l	98
49) 1,4-Dioxane	7.75	88	1817	25.124	ug/l	98
64) Tetrachloroethene	9.34	164	37286	11.266	ug/l	97

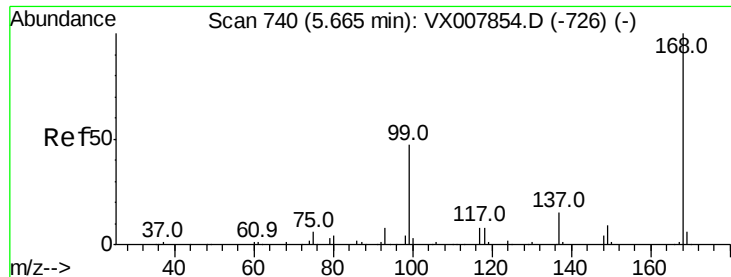
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007949.D

Acq: 08 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

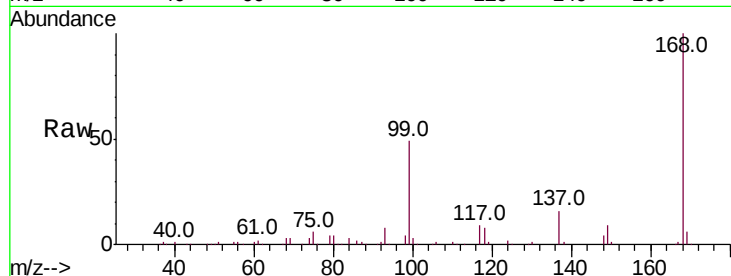
RE131D1-20190305

Tot Ion:168 Resp: 269054

Ion Ratio Lower Upper

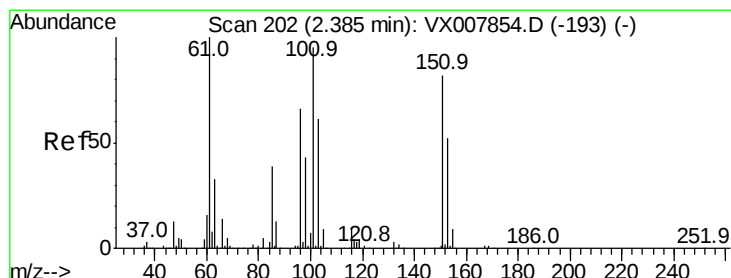
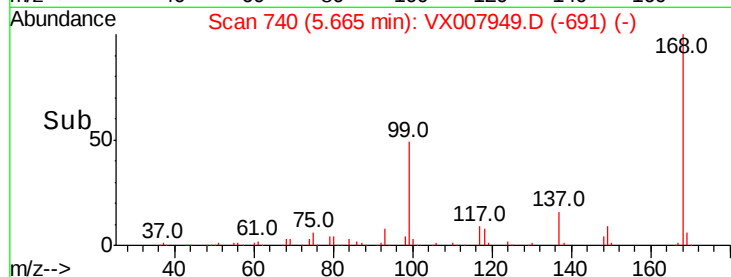
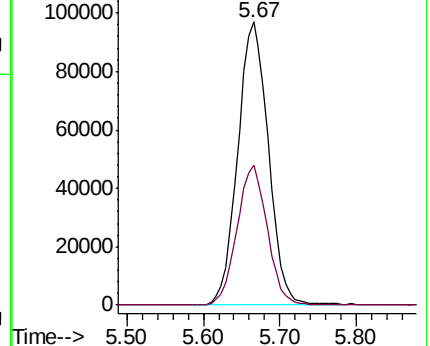
168 100

99 49.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.376 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007949.D

Acq: 08 Mar 2019 23:35

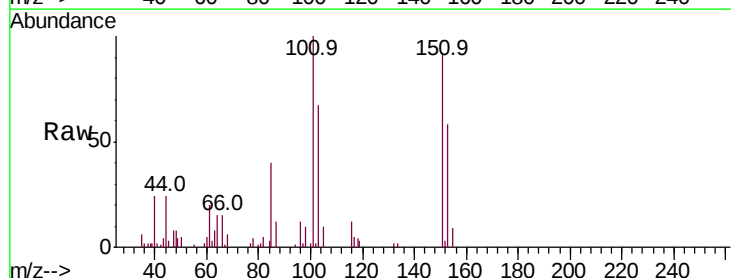
Tgt Ion:101 Resp: 8018

Ion Ratio Lower Upper

101 100

85 39.4 33.8 50.6

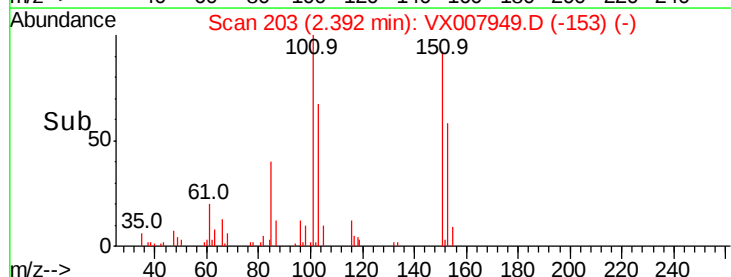
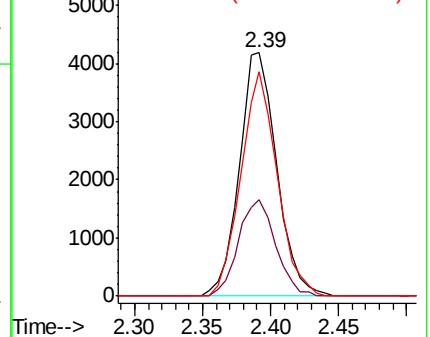
151 89.4 69.1 103.7

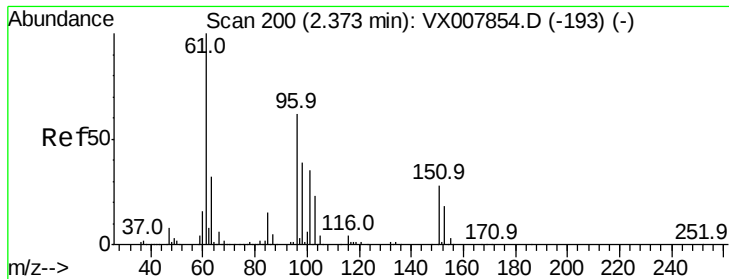


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.699 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX007949.D

Acq: 08 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190305

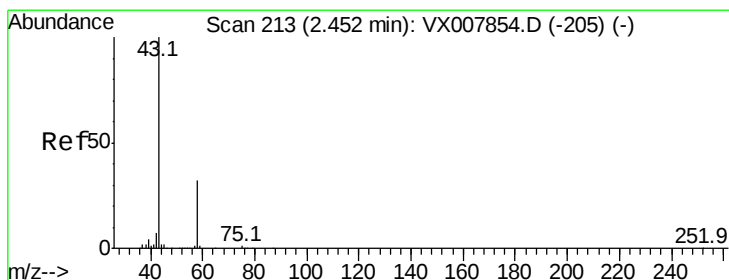
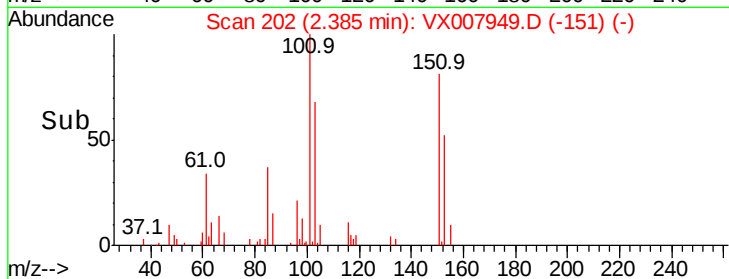
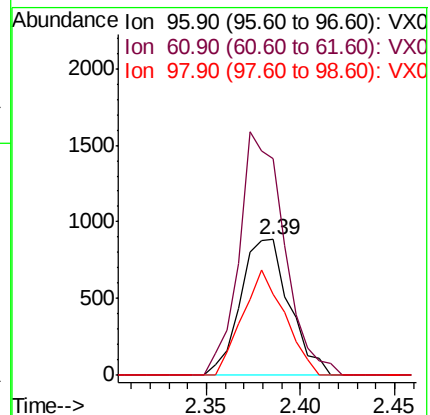
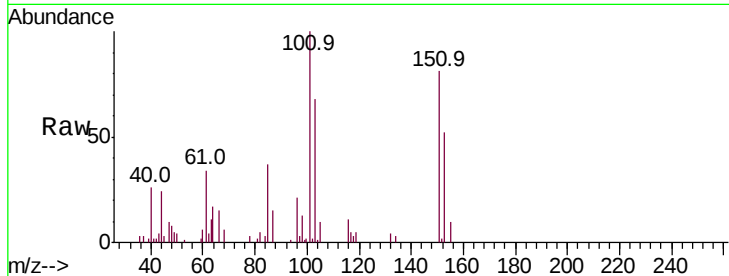
Tot Ion: 96 Resp: 1599

Ion Ratio Lower Upper

96 100

61 159.7 129.8 194.6

98 60.1 51.0 76.6



#16

Acetone

Concen: 1.850 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007949.D

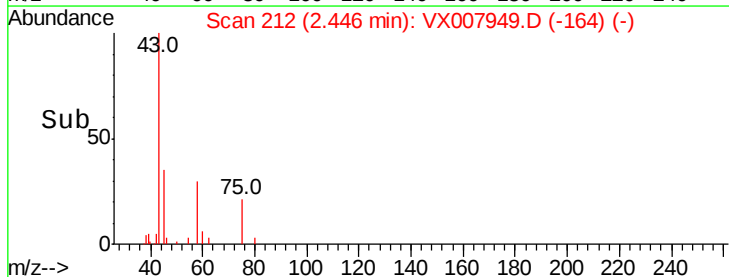
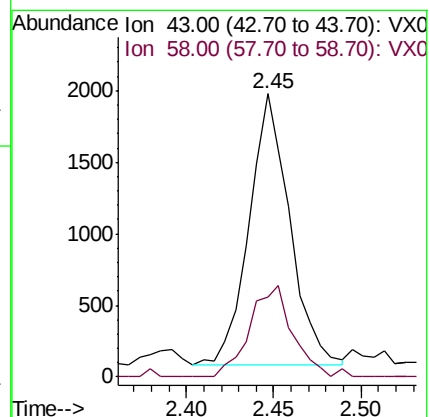
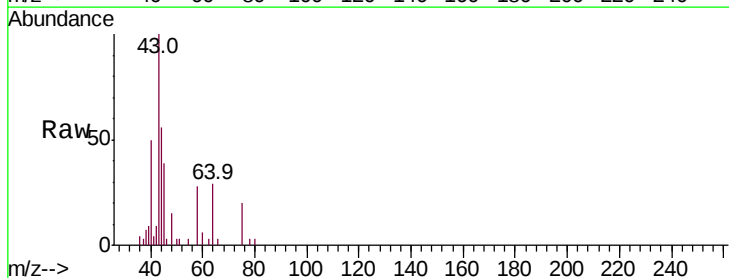
Acq: 08 Mar 2019 23:35

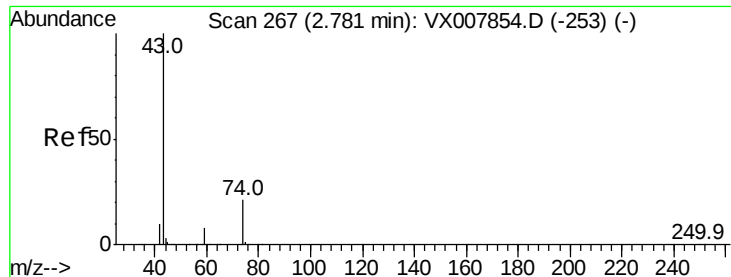
Tgt Ion: 43 Resp: 3039

Ion Ratio Lower Upper

43 100

58 29.4 25.5 38.3

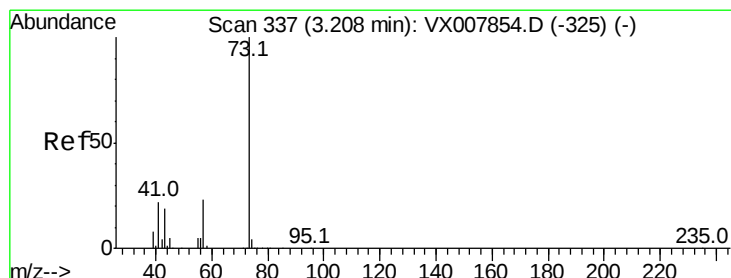
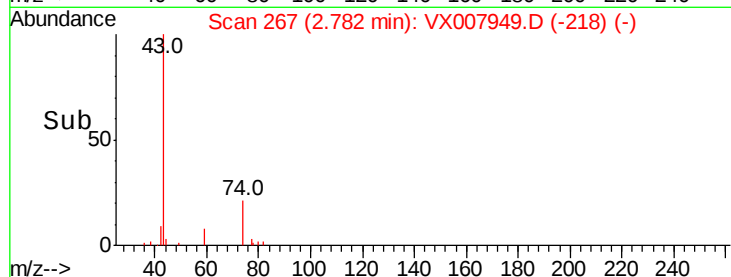
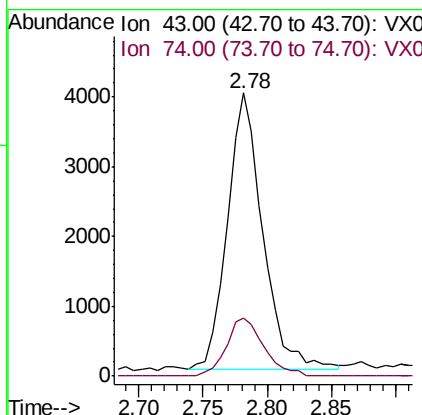
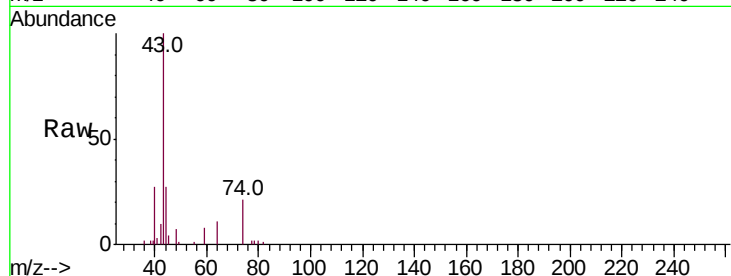




#18
Methyl Acetate
Concen: 2.158 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

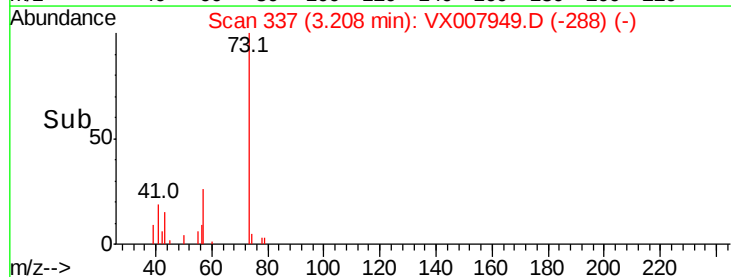
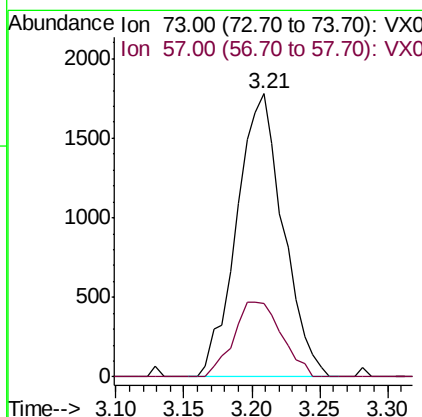
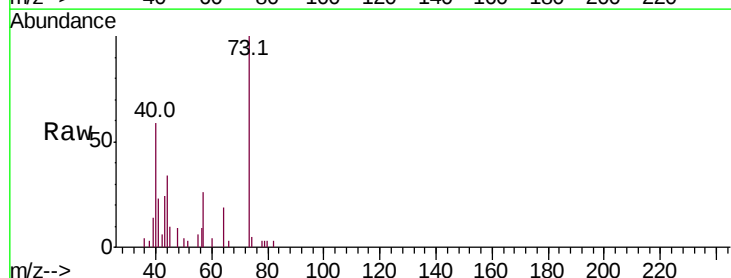
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

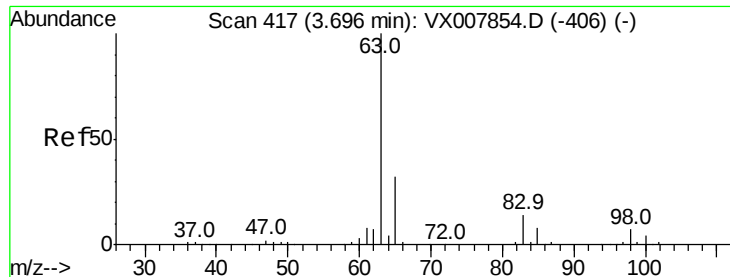
Tot Ion: 43 Resp: 7532
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6



#19
Methyl tert-butyl Ether
Concen: 0.540 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 73 Resp: 4252
Ion Ratio Lower Upper
73 100
57 26.1 18.2 27.4





#24

1,1-Dichloroethane

Concen: 0.469 ug/l

RT: 3.71 min Scan# 419

Delta R.T. 0.01 min

Lab File: VX007949.D

Acq: 08 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190305

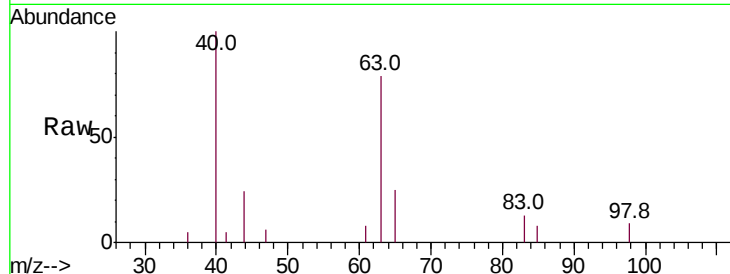
Tot Ion: 63 Resp: 2224

Ion Ratio Lower Upper

63 100

98 11.7 3.3 9.8#

100 0.0 2.3 6.8#

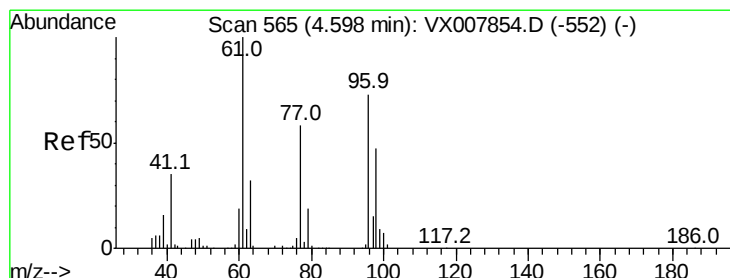
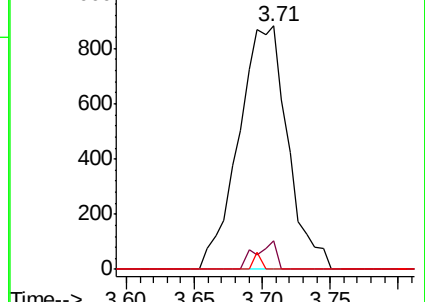
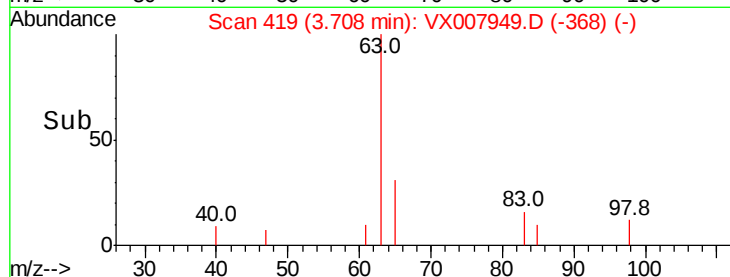


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 4.479 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007949.D

Acq: 08 Mar 2019 23:35

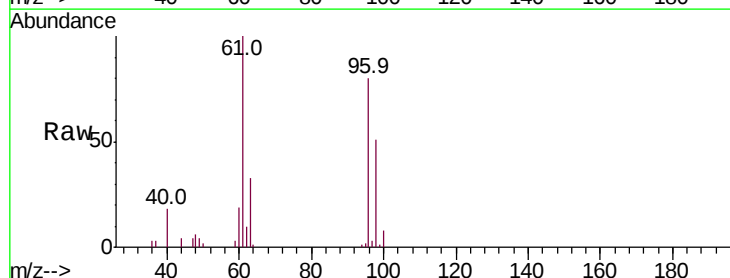
Tgt Ion: 96 Resp: 12910

Ion Ratio Lower Upper

96 100

61 129.9 0.0 288.0

98 64.4 0.0 129.0

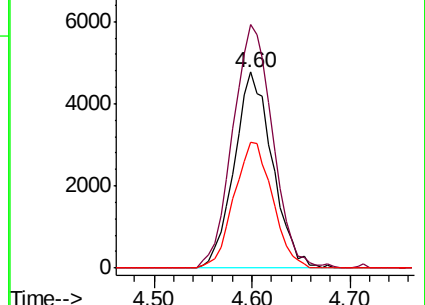
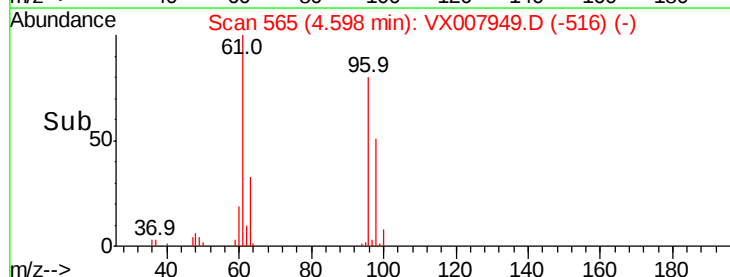


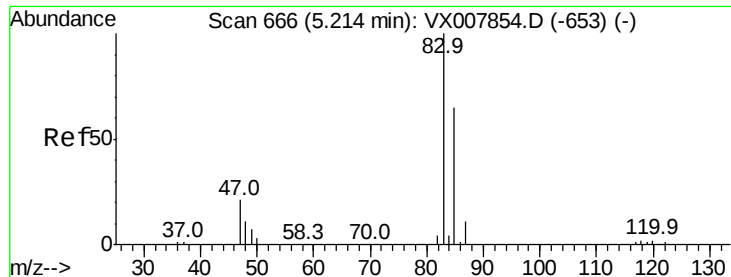
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->

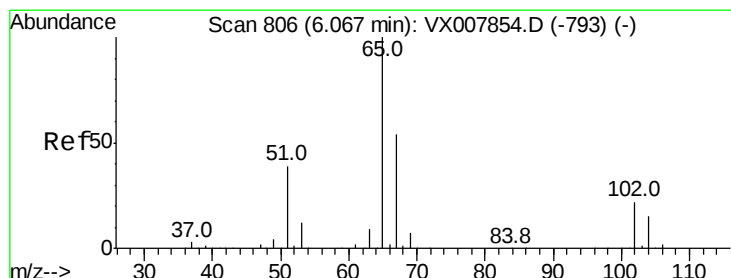
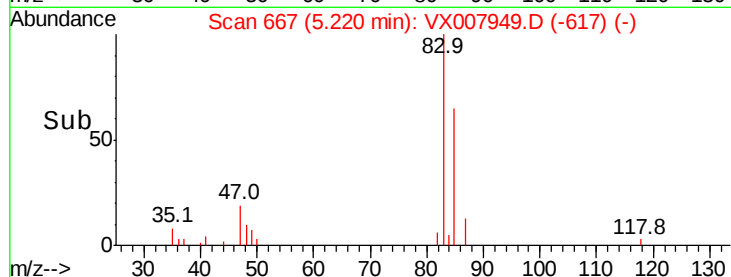
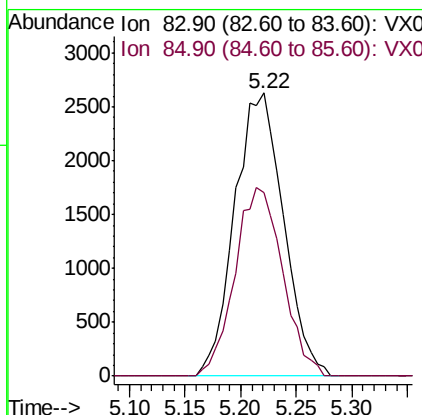
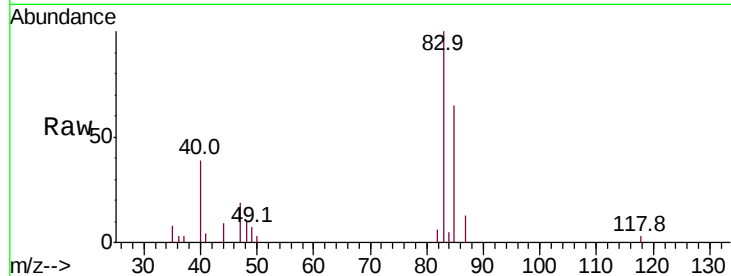




#30
Chloroform
Concen: 1.785 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

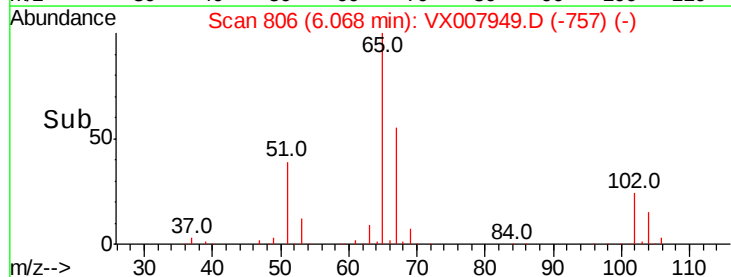
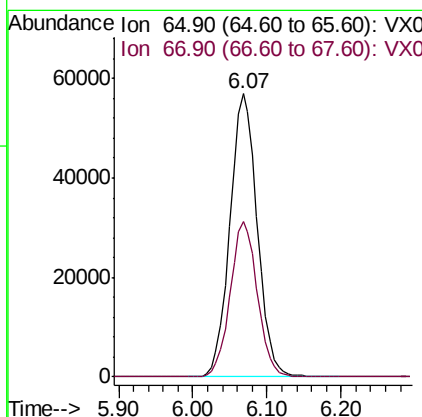
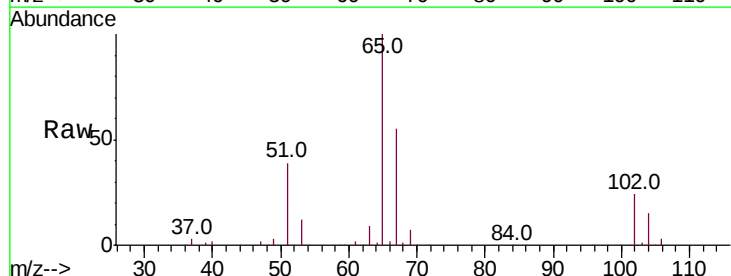
Instrument :
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RE131D1-20190305

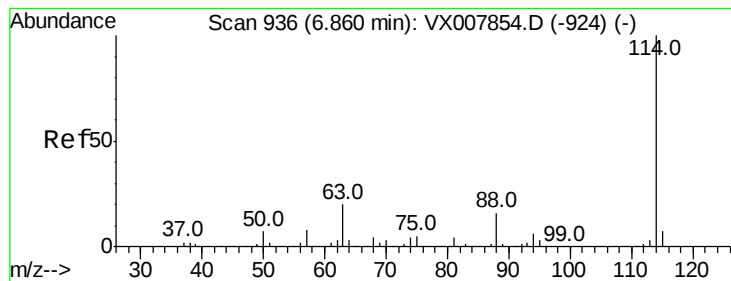
Tot Ion: 83 Resp: 8012
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 51.524 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 65 Resp: 146239
Ion Ratio Lower Upper
65 100
67 54.7 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: VX007949.D

Acq: 08 Mar 2019 23:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190305

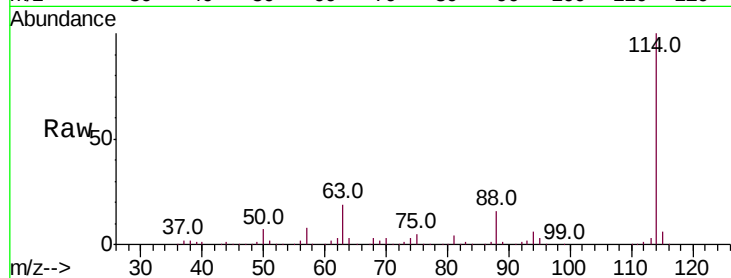
Tot Ion:114 Resp: 421076

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

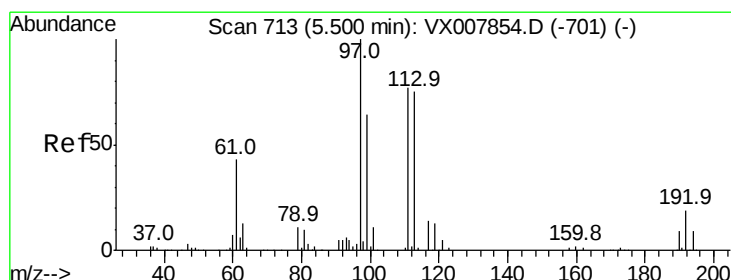
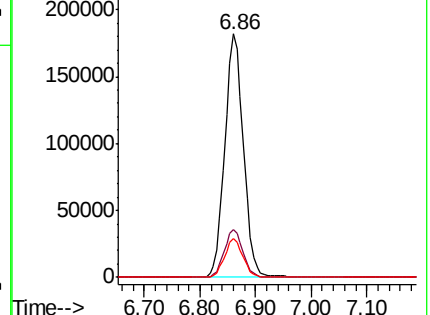
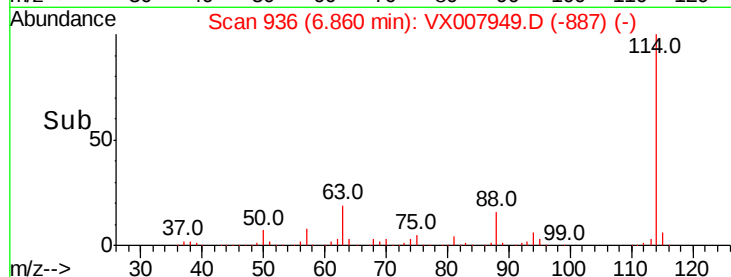
88 15.9 0.0 31.4



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: 50.404 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007949.D

Acq: 08 Mar 2019 23:35

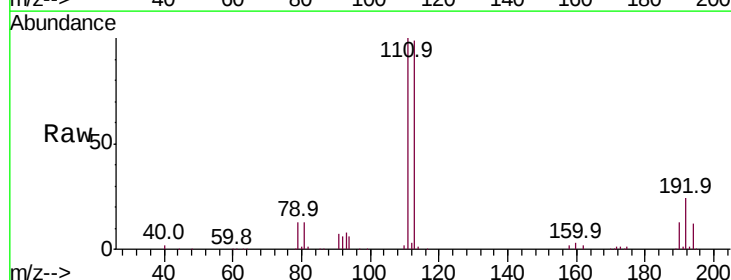
Tgt Ion:113 Resp: 135763

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

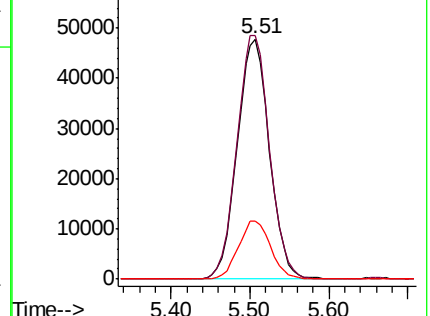
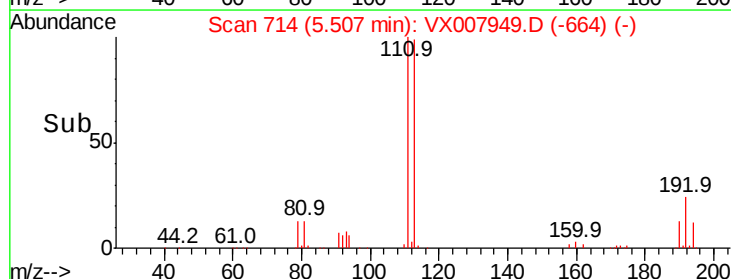
192 24.4 19.4 29.0

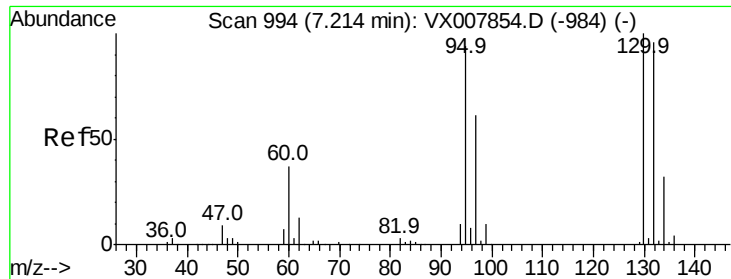


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

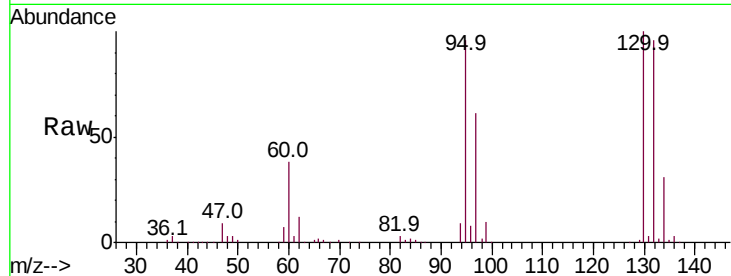




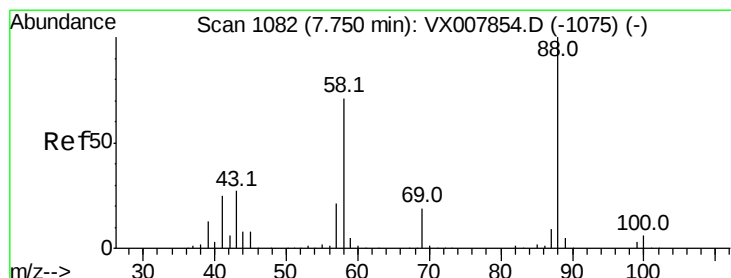
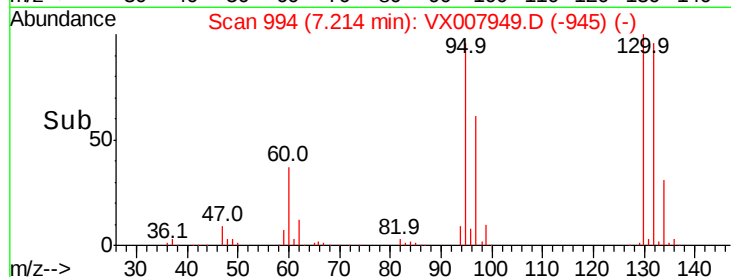
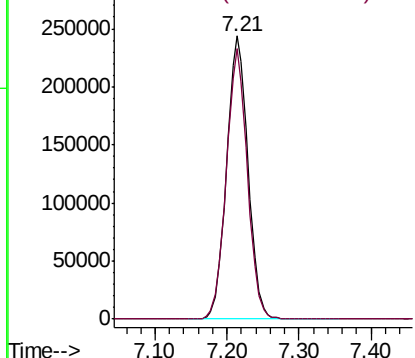
#44
 Trichloroethene
 Concen: 161.396 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007949.D
 Acq: 08 Mar 2019 23:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190305

Tot Ion:130 Resp: 504858
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 188.0

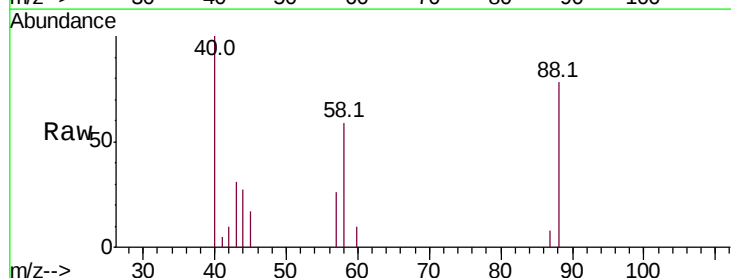


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

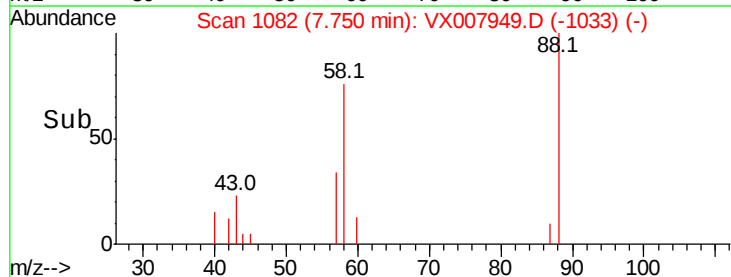
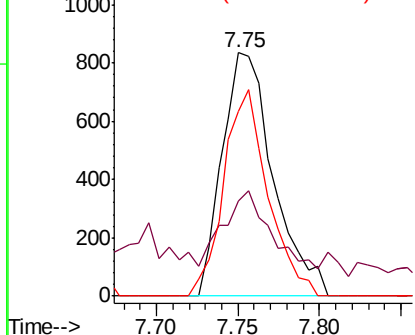


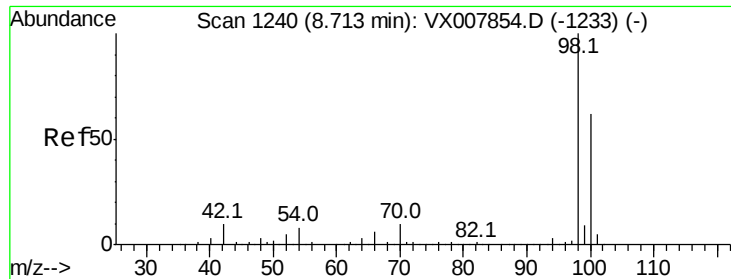
#49
 1,4-Dioxane
 Concen: 25.124 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007949.D
 Acq: 08 Mar 2019 23:35

Tgt Ion: 88 Resp: 1817
 Ion Ratio Lower Upper
 88 100
 43 28.6 25.1 37.7
 58 73.3 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

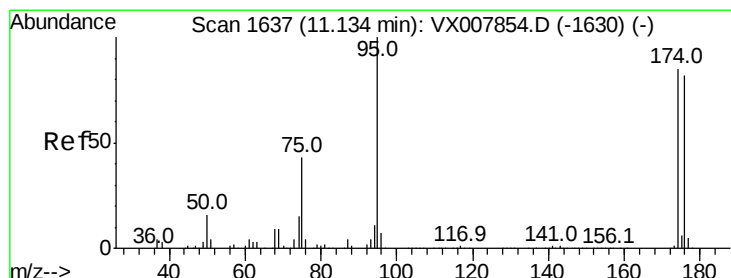
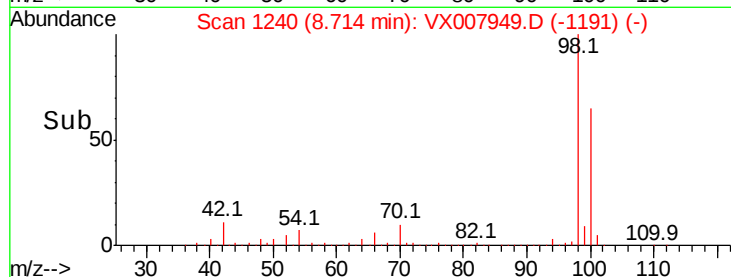
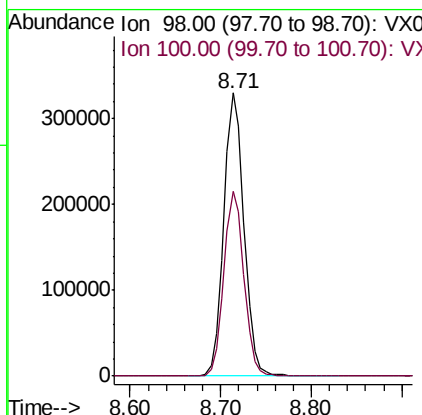
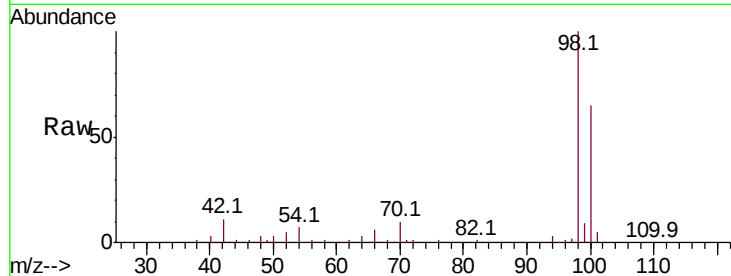




#50
Toluene-d8
Concen: 51.687 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

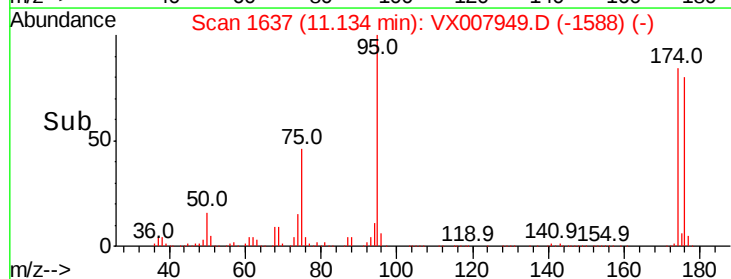
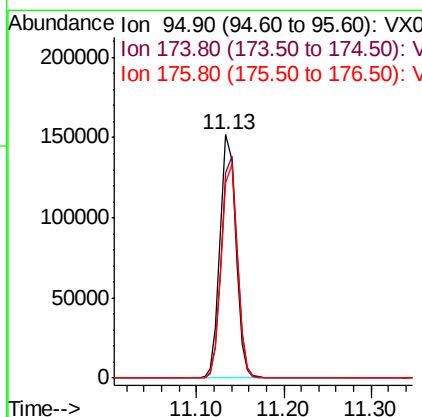
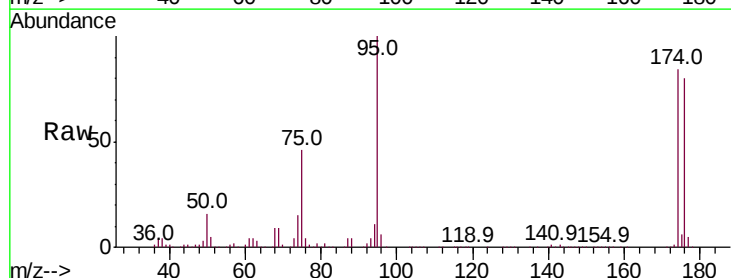
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

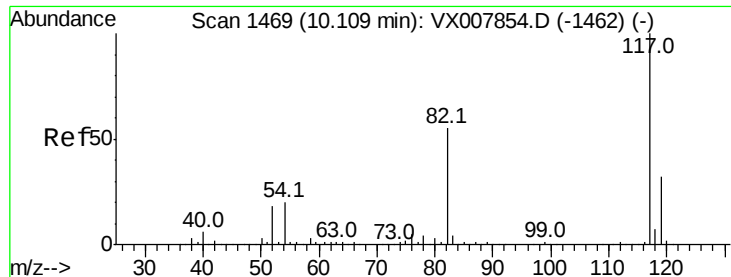
Tot Ion: 98 Resp: 511289
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.812 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 95 Resp: 190095
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.8
176 88.3 0.0 178.0

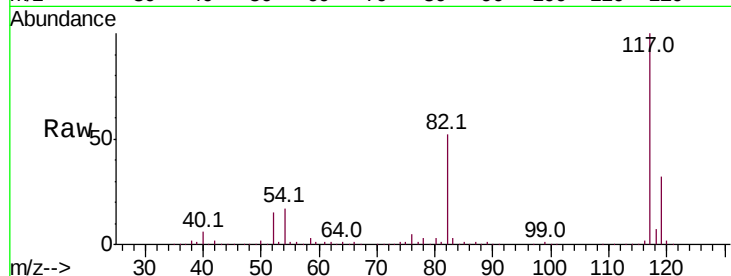




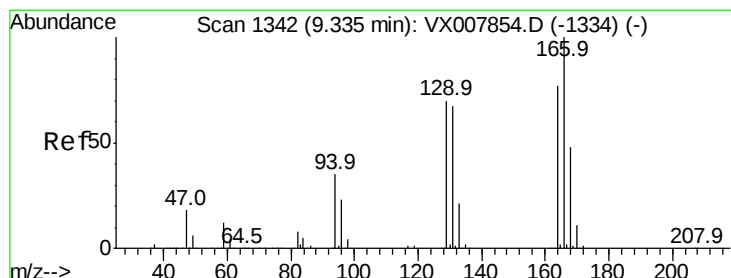
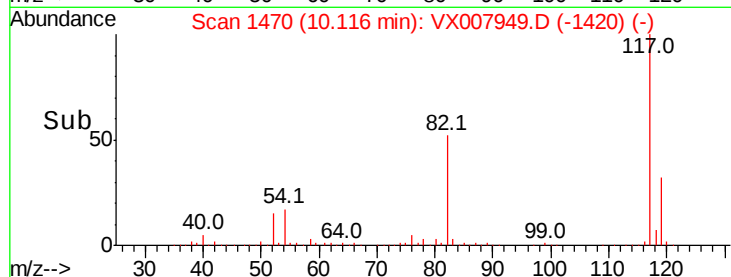
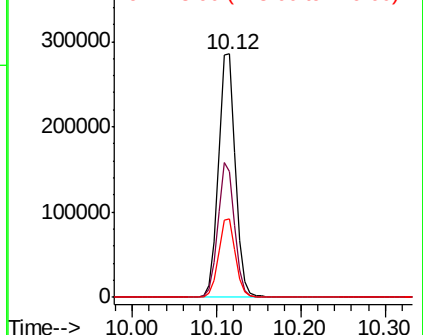
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tot Ion:117 Resp: 399392
Ion Ratio Lower Upper
117 100
82 51.8 44.3 66.5
119 32.4 25.3 37.9

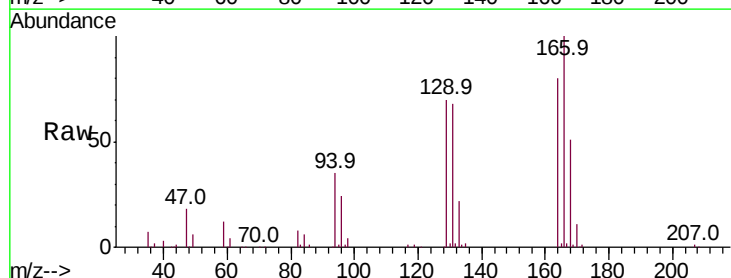


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

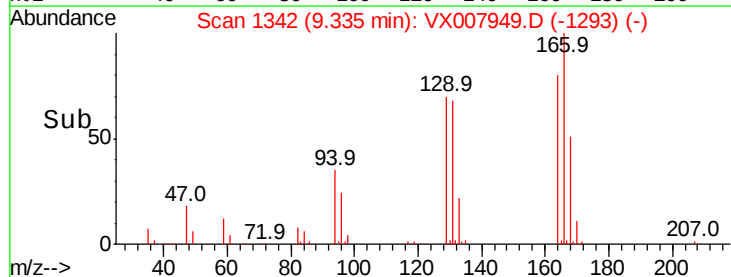
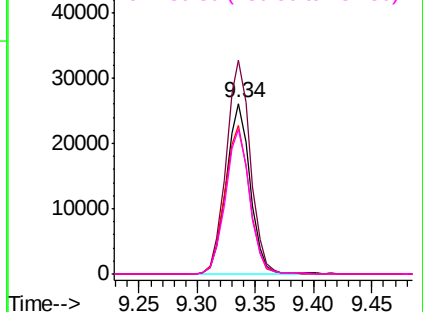


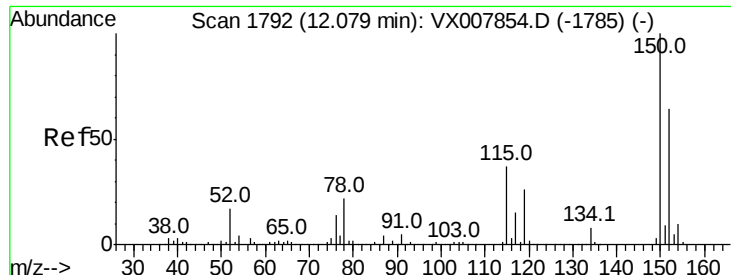
#64
Tetrachloroethene
Concen: 11.266 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion:164 Resp: 37286
Ion Ratio Lower Upper
164 100
166 125.4 103.4 155.0
129 87.2 72.2 108.4
131 84.9 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: VX007949.D
 Acq: 08 Mar 2019 23:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190305

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	115.7
150	156.6	0.0	348.4

