

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004159.D
 Acq On : 20 Aug 2018 18:01
 Operator : JC/MD
 Sample : J4274-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-081718

Quant Time: Aug 21 01:06:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194014	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	5.50	113	166395	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	8.71	98	617071	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	212031	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

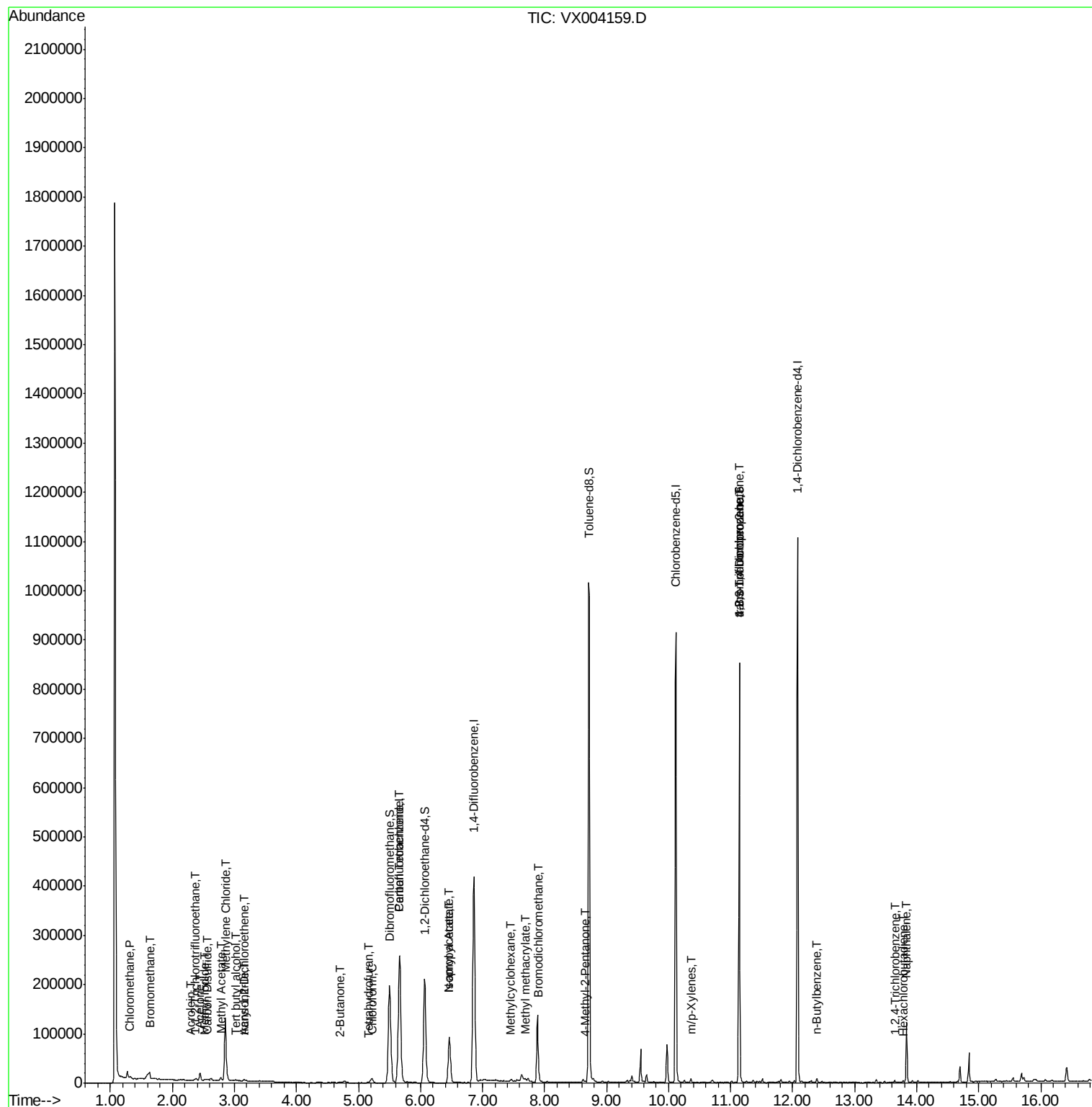
						Qvalue
3) Chloromethane	1.32	50	3603	1.13	ug/l	93
5) Bromomethane	1.64	94	1783	0.84	ug/l #	80
6) Chloroethane	1.82	64	297	Below Cal	#	45
9) 1,1,2-Trichlorotrifluoroet	2.38	101	699	0.23	ug/l	94
10) Methyl Iodide	2.52	142	1335	5.38	ug/l	95
11) Tert butyl alcohol	3.01	59	1237	1.63	ug/l #	73
13) Acrolein	2.29	56	424	11.74	ug/l	89
15) Acrylonitrile	3.15	53	635	0.34	ug/l #	74
16) Acetone	2.45	43	15523	7.91	ug/l	100
17) Carbon Disulfide	2.56	76	2755	0.34	ug/l #	92
18) Methyl Acetate	2.78	43	6813	1.56	ug/l	92
20) Methylene Chloride	2.85	84	60181	18.39	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	669	0.21	ug/l #	79
25) 2-Butanone	4.70	43	3067	0.96	ug/l	95
29) Tetrahydrofuran	5.16	42	1000	0.61	ug/l #	80
30) Chloroform	5.22	83	9685	1.67	ug/l	100
38) Carbon Tetrachloride	5.66	117	23790	4.99	ug/l #	16
39) Methylcyclohexane	7.46	83	1308	0.24	ug/l	90
43) Isopropyl Acetate	6.46	43	120105	15.26	ug/l	99
47) Bromodichloromethane	7.90	83	2020	0.43	ug/l #	92
48) Methyl methacrylate	7.69	41	6203	1.57	ug/l #	22
51) 4-Methyl-2-Pentanone	8.65	43	1427	0.22	ug/l #	65
68) m/p-Xylenes	10.36	106	1862	0.28	ug/l	99
74) N-amyl acetate	6.46	43	120105	16.54	ug/l #	99
76) 1,2,3-Trichloropropane	11.14	75	102206	22.34	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	102206	69.15	ug/l #	9
89) n-Butylbenzene	12.39	91	2350	0.22	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	1338	0.27	ug/l	97
94) Hexachlorobutadiene	13.78	225	753	0.30	ug/l	94
95) Naphthalene	13.83	128	75556	5.77	ug/l	99

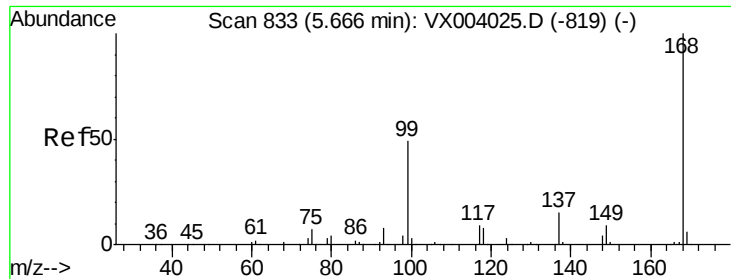
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082018\
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

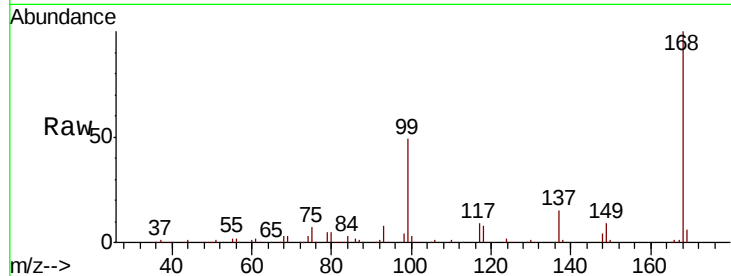
HD-02-081718

Tot Ion:168 Resp: 267767

Ion Ratio Lower Upper

168 100

99 49.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

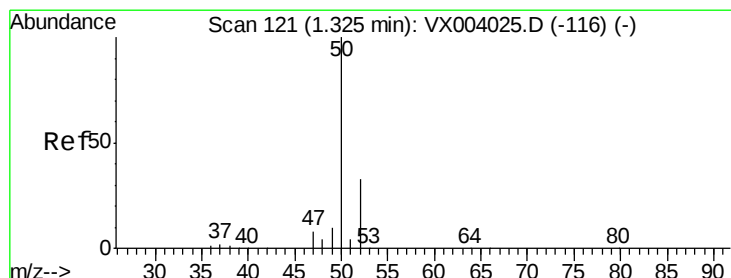
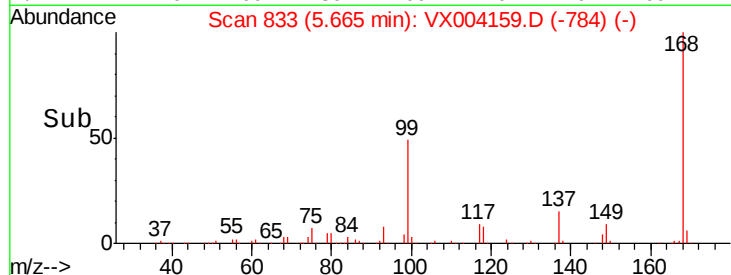
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 1.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004159.D

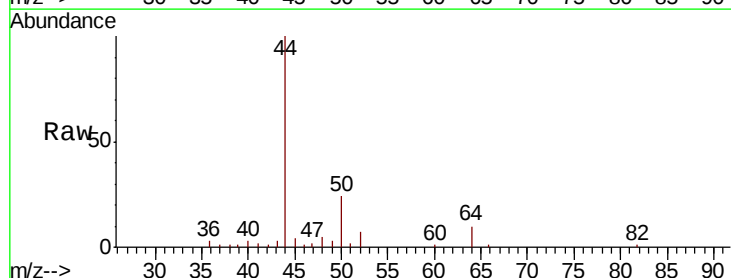
Acq: 20 Aug 2018 18:01

Tgt Ion: 50 Resp: 3603

Ion Ratio Lower Upper

50 100

52 29.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2000

1500

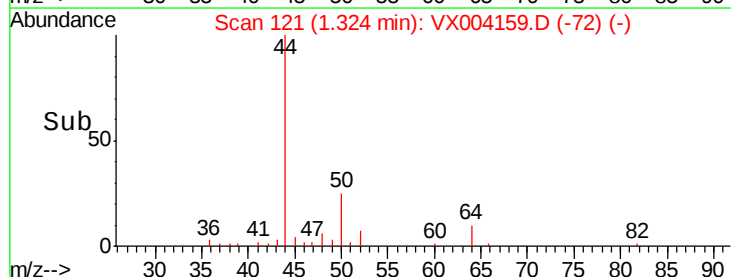
1000

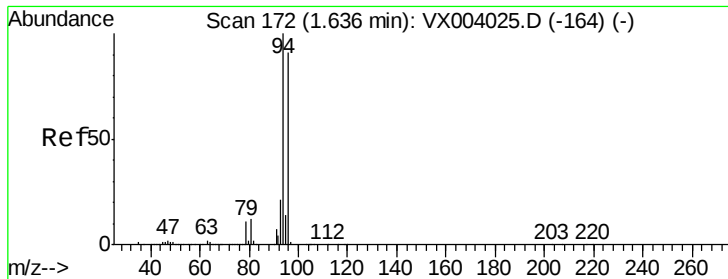
500

0

Time-->

1.25 1.30 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

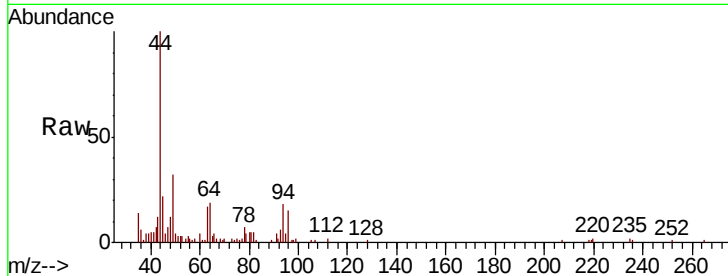
HD-02-081718

Tot Ion: 94 Resp: 1783

Ion Ratio Lower Upper

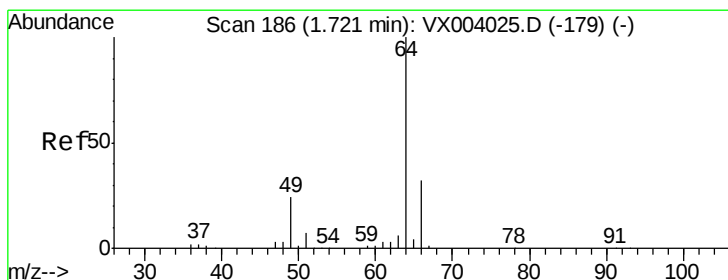
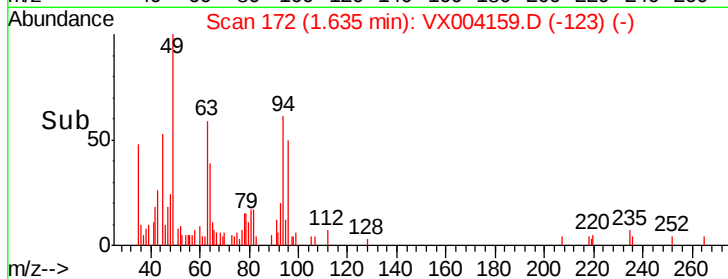
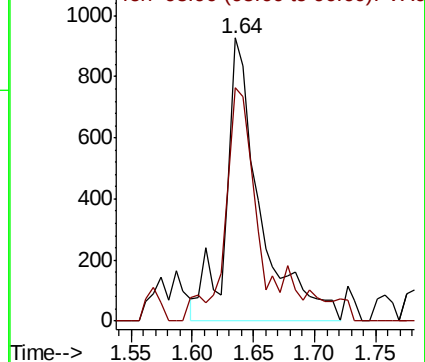
94 100

96 74.9 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.82 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX004159.D

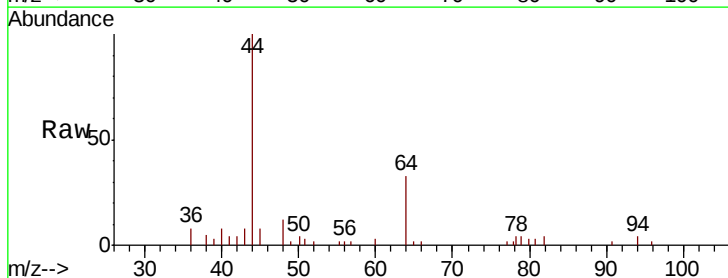
Acq: 20 Aug 2018 18:01

Tgt Ion: 64 Resp: 297

Ion Ratio Lower Upper

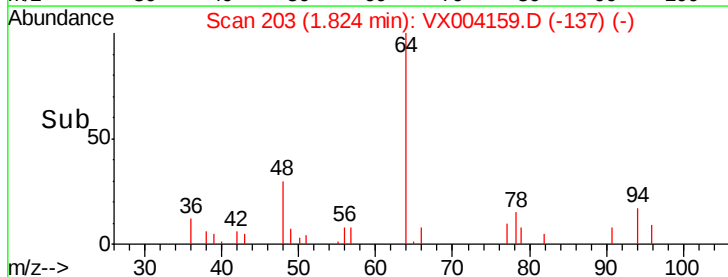
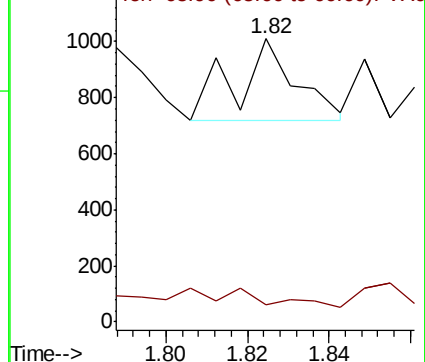
64 100

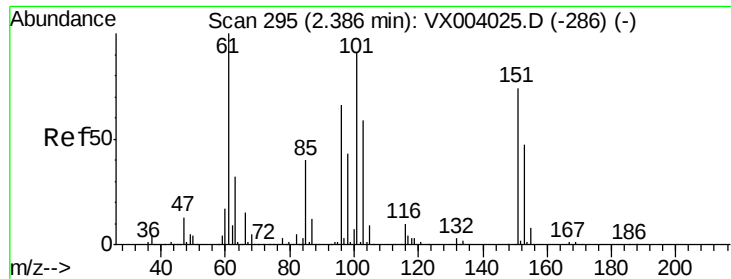
66 2.1 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

HD-02-081718

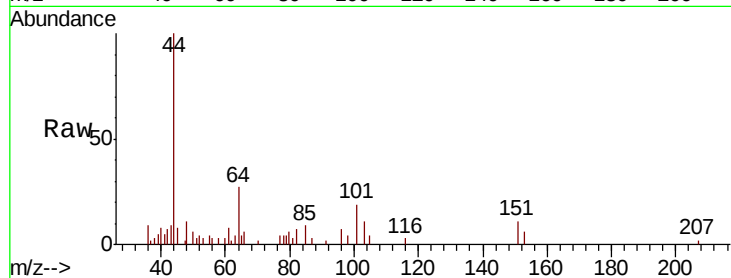
Tot Ion:101 Resp: 699

Ion Ratio Lower Upper

101 100

85 46.1 34.2 51.4

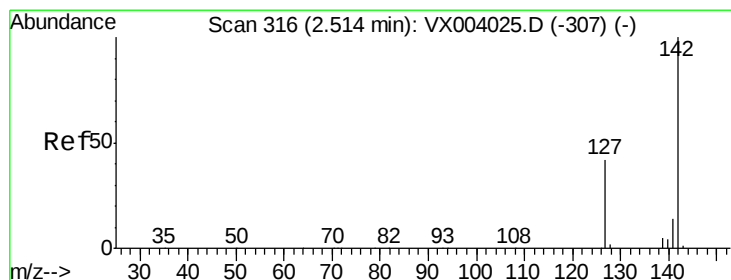
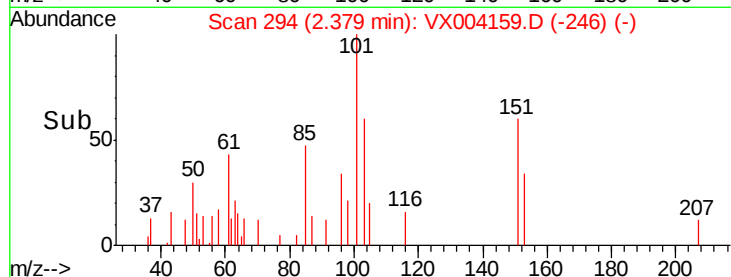
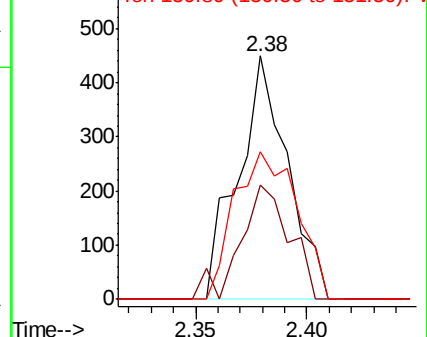
151 75.8 65.0 97.4



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



#10

Methyl Iodide

Concen: 5.38 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

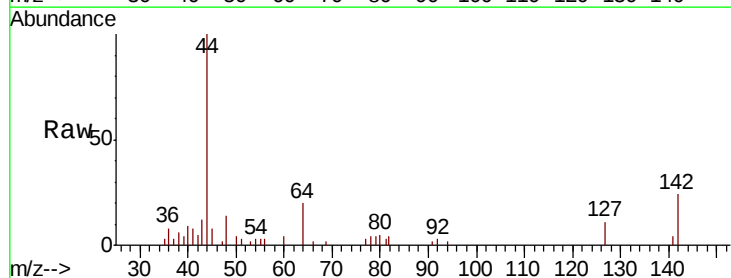
Tgt Ion:142 Resp: 1335

Ion Ratio Lower Upper

142 100

127 45.2 33.1 49.7

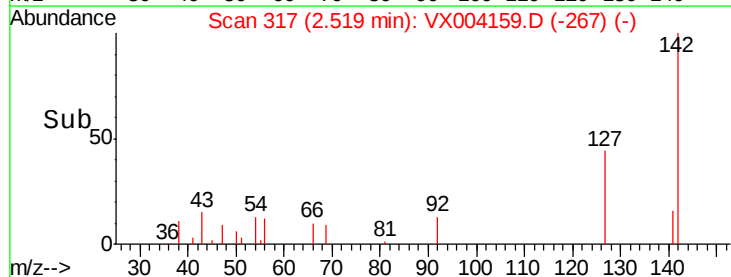
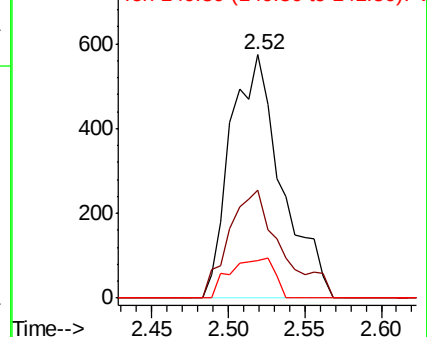
141 14.3 11.1 16.7

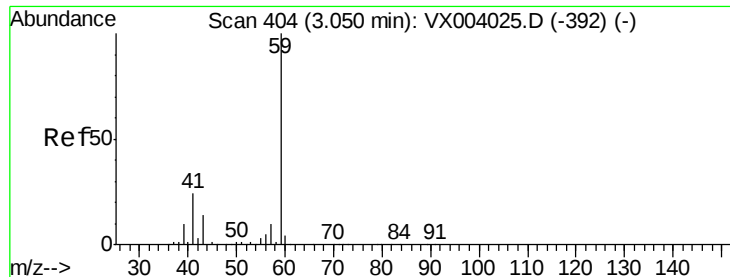


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

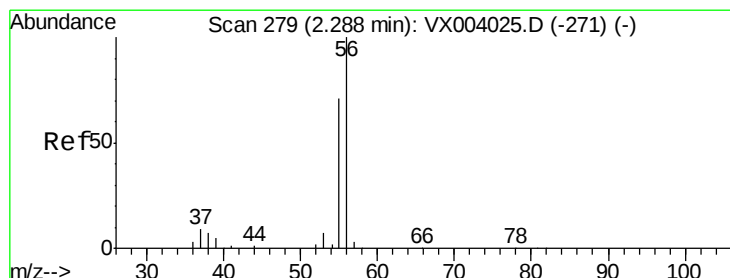
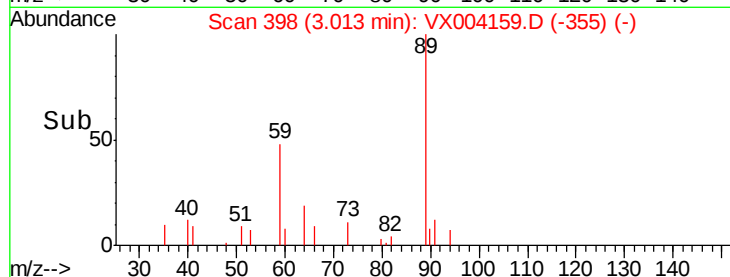
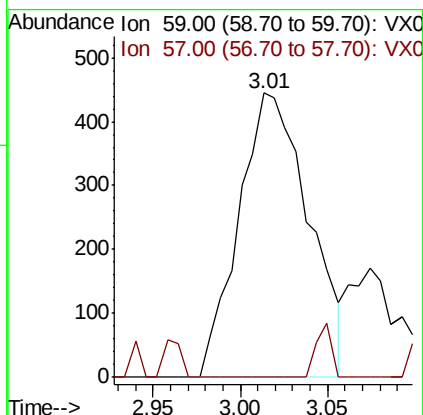
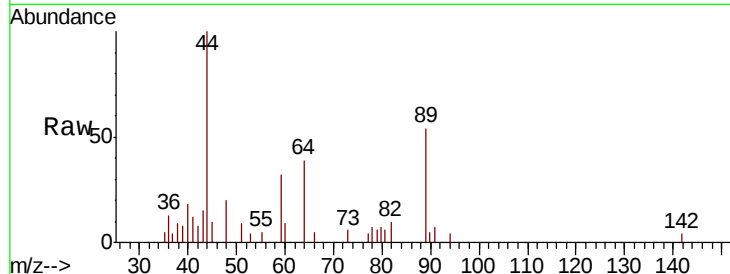




#11
Tert butyl alcohol
Concen: 1.63 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.04 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

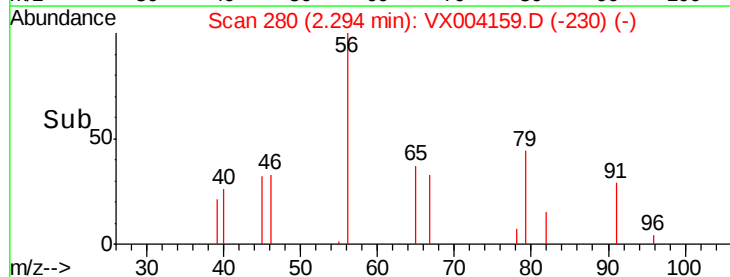
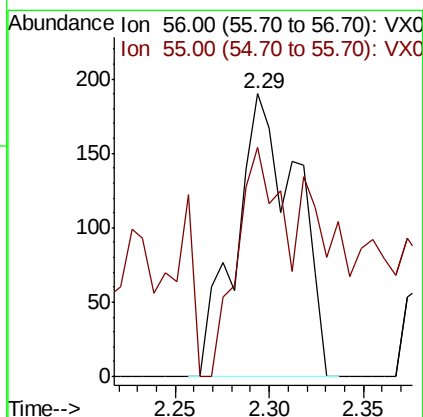
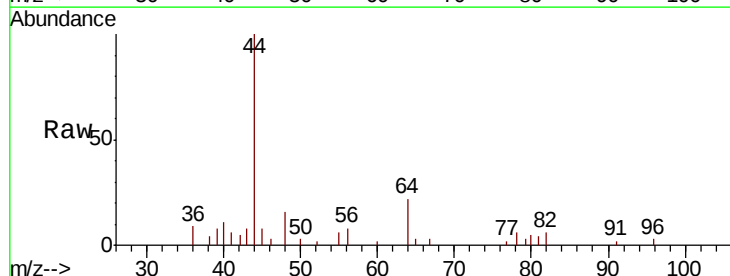
Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

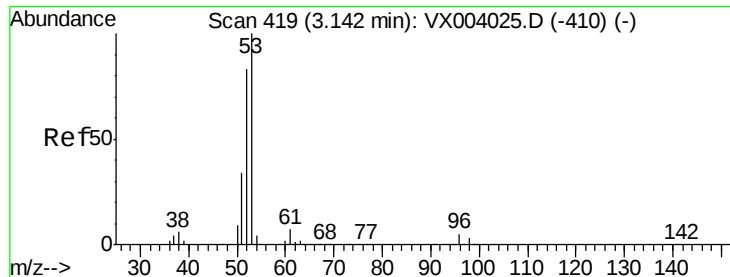
Tot Ion: 59 Resp: 1237
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 11.74 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 56 Resp: 424
Ion Ratio Lower Upper
56 100
55 61.1 56.1 84.1





#15

Acrylonitrile

Concen: 0.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

HD-02-081718

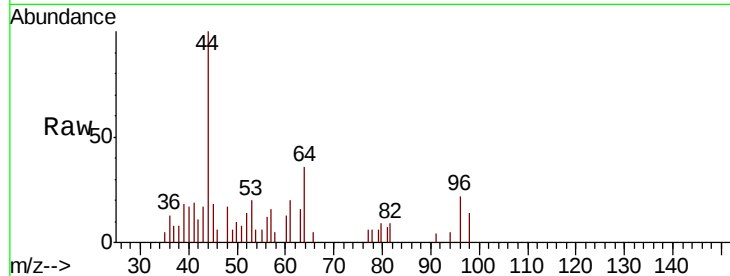
Tot Ion: 53 Resp: 635

Ion Ratio Lower Upper

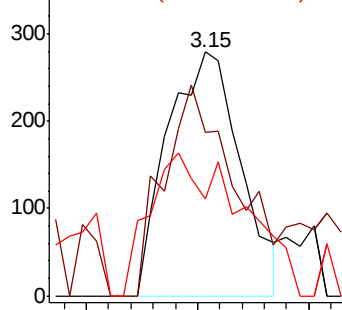
53 100

52 89.1 65.3 97.9

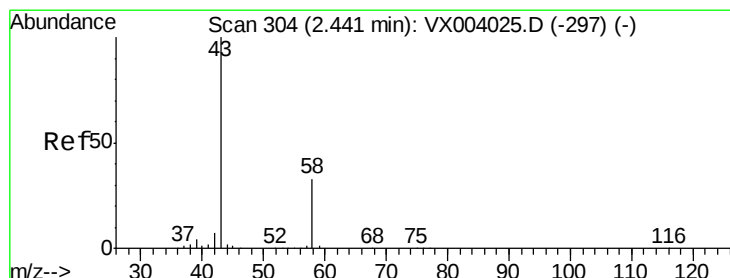
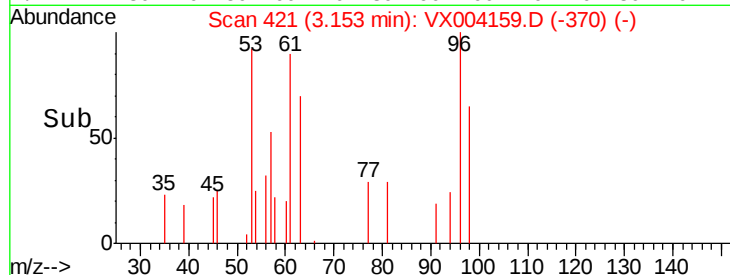
51 74.2 27.9 41.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 7.91 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004159.D

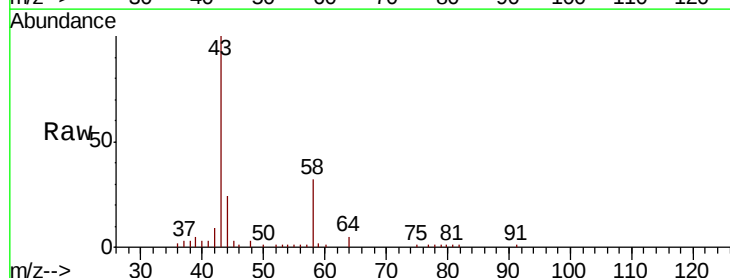
Acq: 20 Aug 2018 18:01

Tgt Ion: 43 Resp: 15523

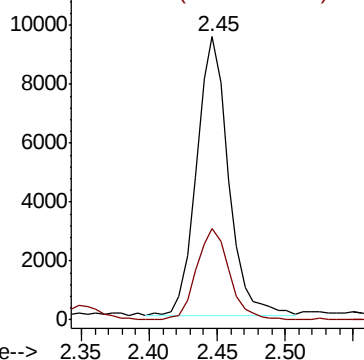
Ion Ratio Lower Upper

43 100

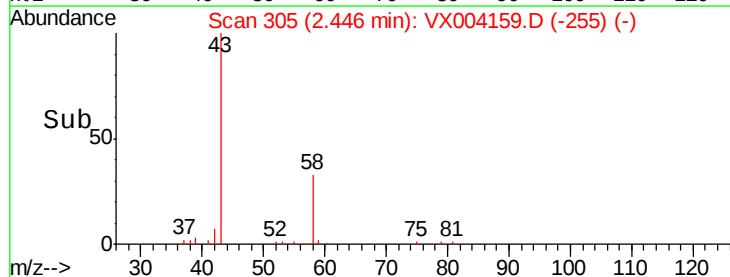
58 32.8 26.4 39.6

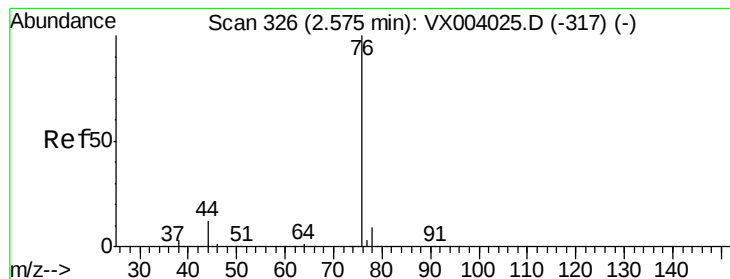


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



Time-->

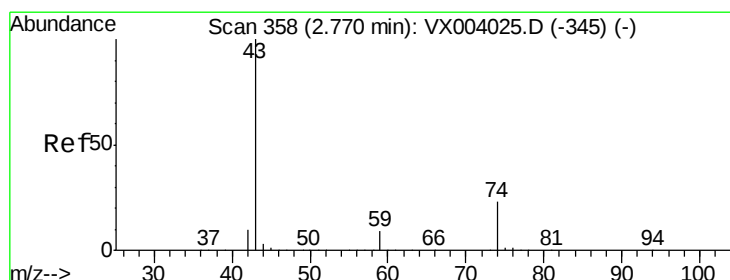
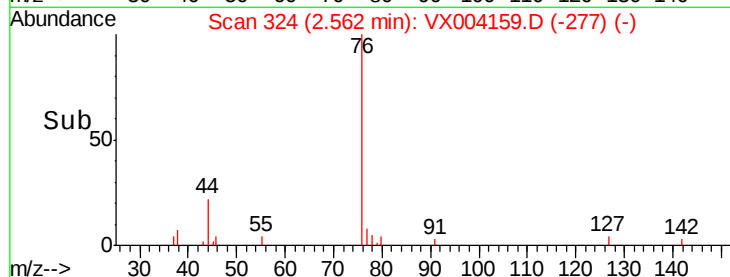
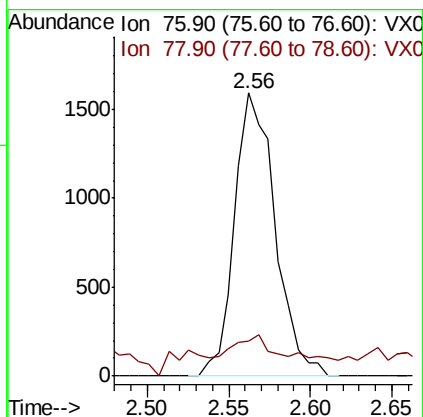
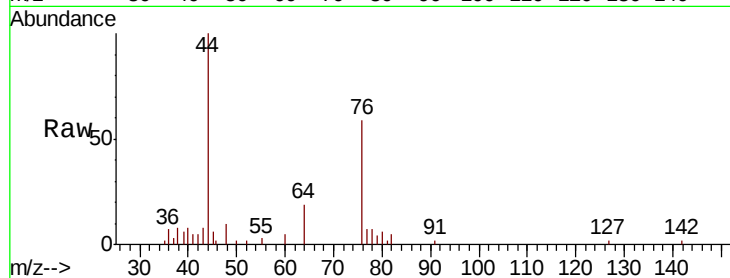




#17
Carbon Disulfide
Concen: 0.34 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

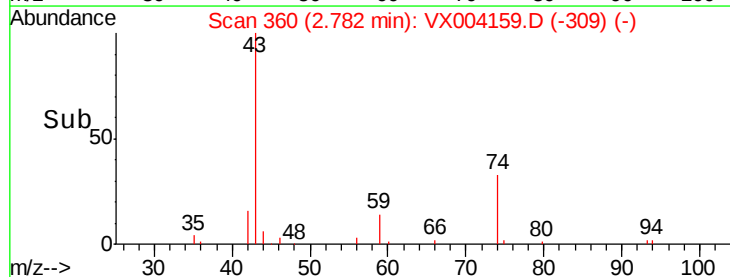
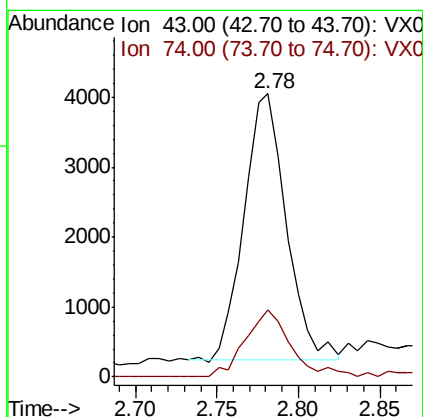
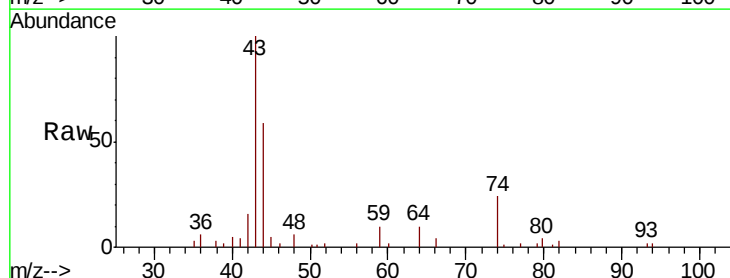
Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

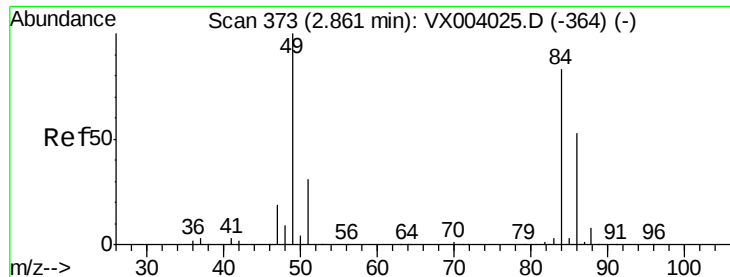
Tot Ion: 76 Resp: 2755
Ion Ratio Lower Upper
76 100
78 6.6 7.5 11.3#



#18
Methyl Acetate
Concen: 1.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 43 Resp: 6813
Ion Ratio Lower Upper
43 100
74 27.4 18.9 28.3



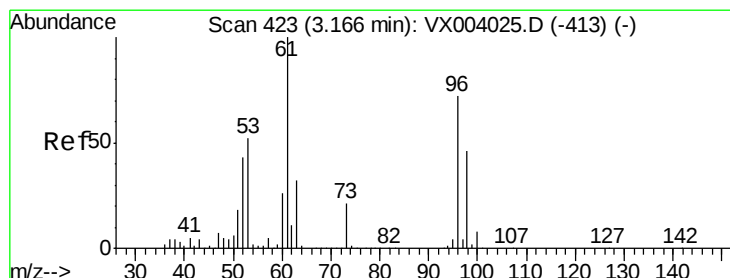
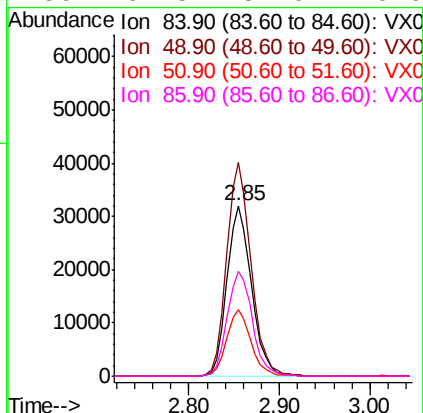
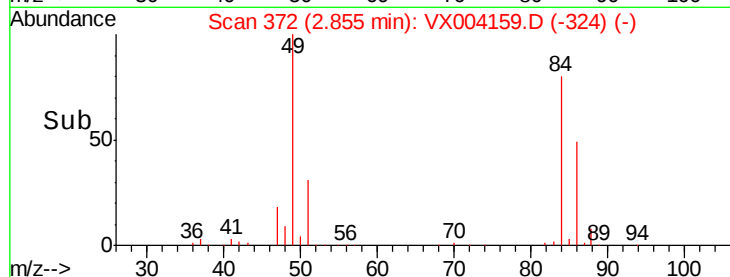
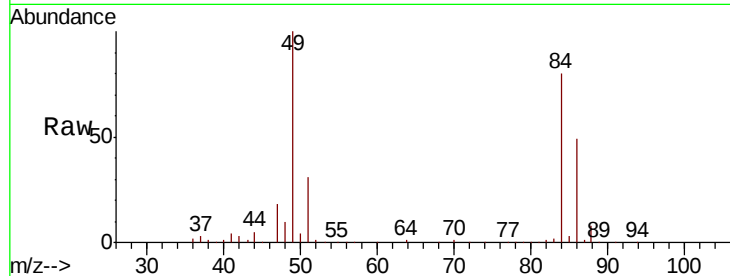


#20
Methvlene Chloride
Concen: 18.39 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

Tot Ion: 84 Resp: 60181

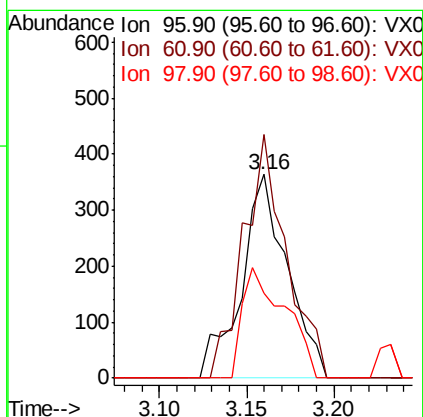
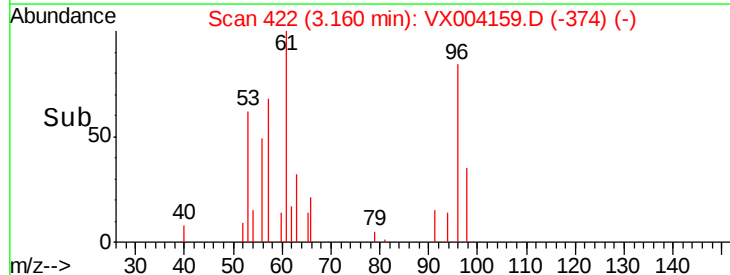
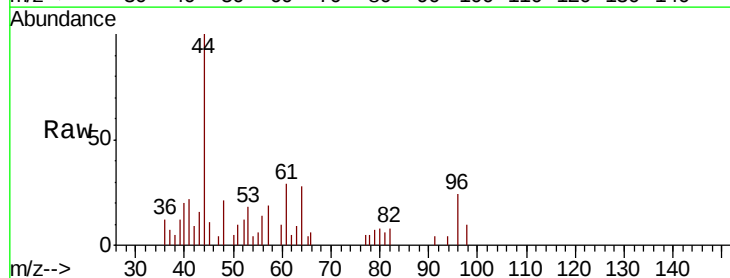
Ion	Ratio	Lower	Upper
84	100		
49	125.0	98.9	148.3
51	39.0	29.9	44.9
86	61.5	51.0	76.6

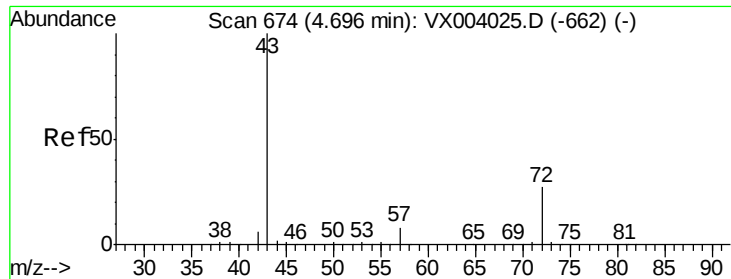


#21
trans-1,2-Dichloroethene
Concen: 0.21 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 96 Resp: 669

Ion	Ratio	Lower	Upper
96	100		
61	119.5	111.8	167.6
98	41.8	51.8	77.6#





#25

2-Butanone

Concen: 0.96 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

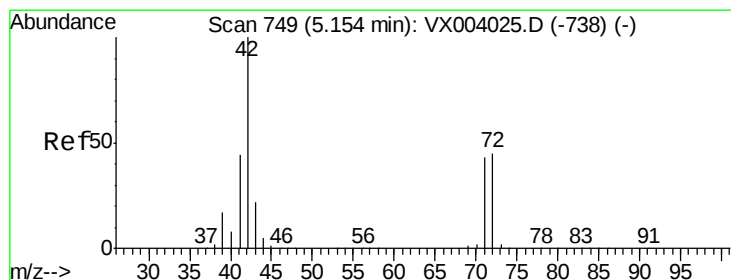
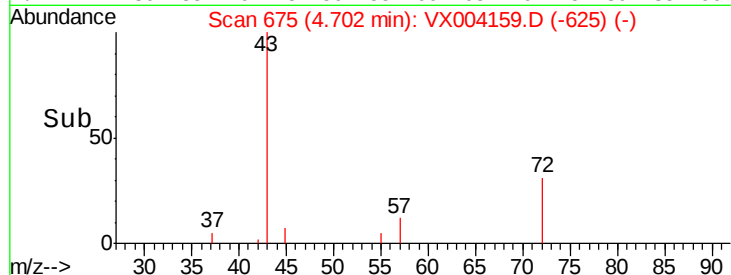
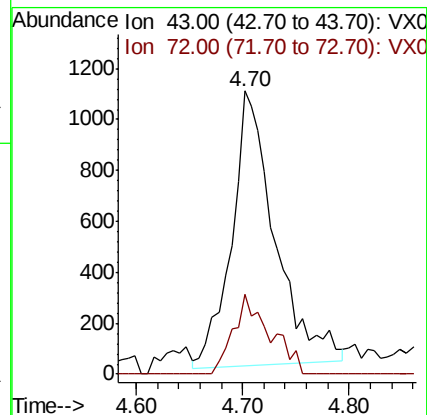
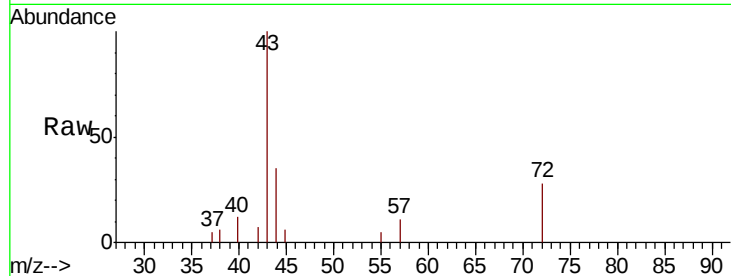
HD-02-081718

Tot Ion: 43 Resp: 3067

Ion Ratio Lower Upper

43 100

72 29.5 21.4 32.0



#29

Tetrahydrofuran

Concen: 0.61 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

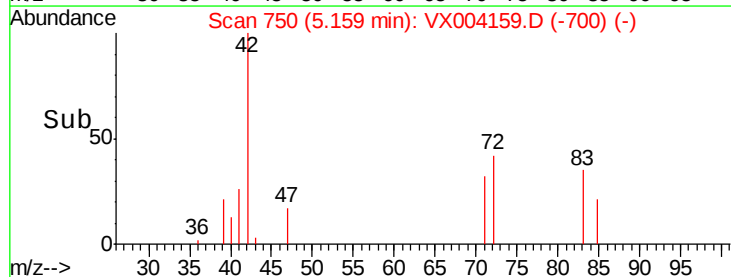
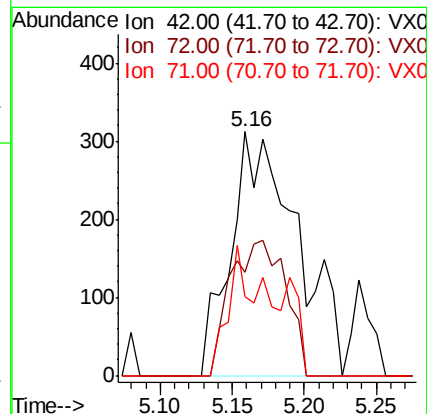
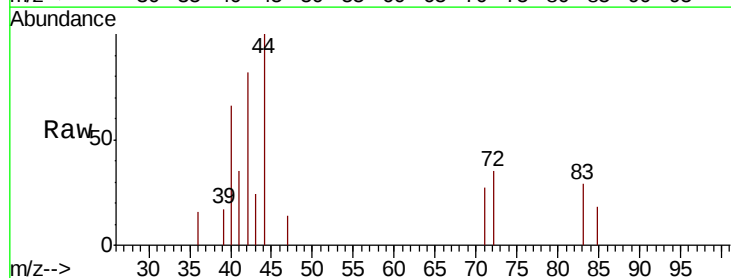
Tgt Ion: 42 Resp: 1000

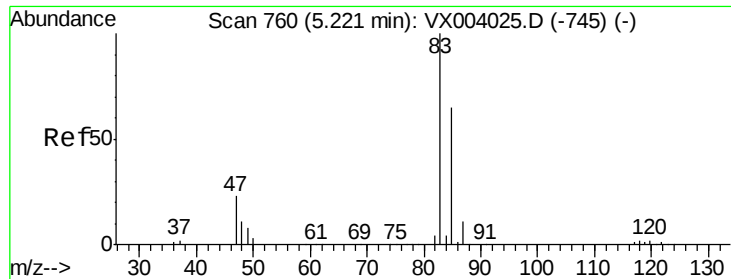
Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

71 17.9 35.0 52.6#

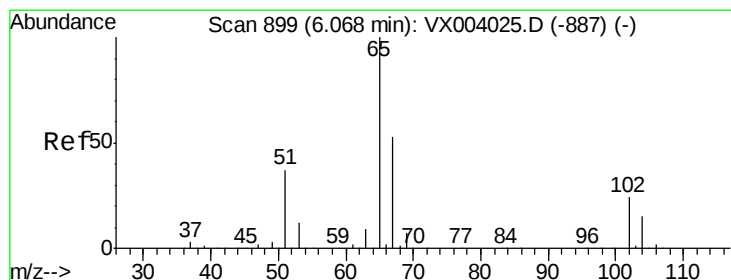
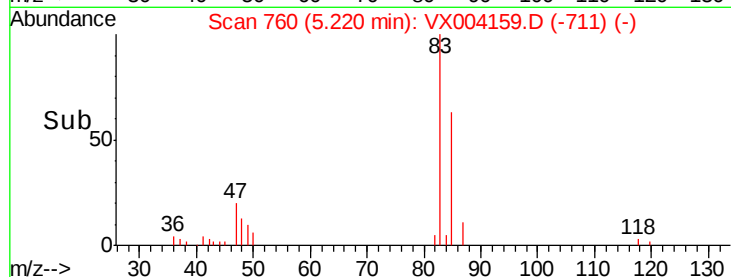
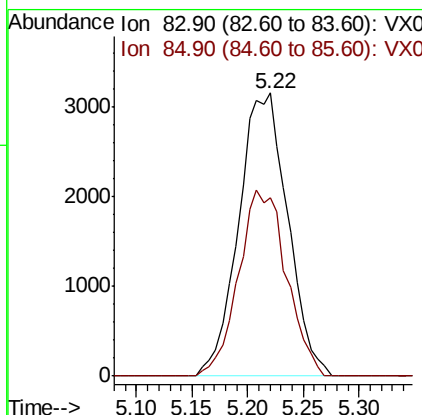
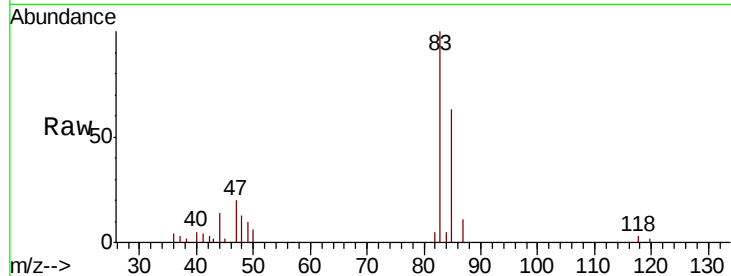




#30
Chloroform
Concen: 1.67 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

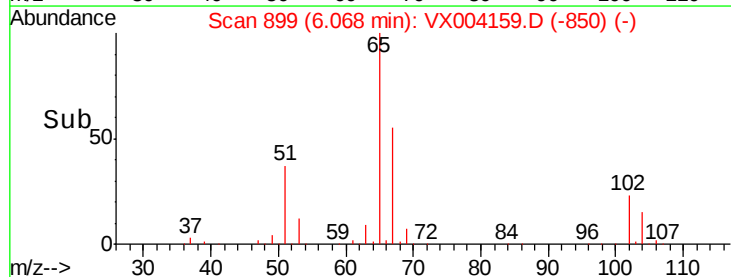
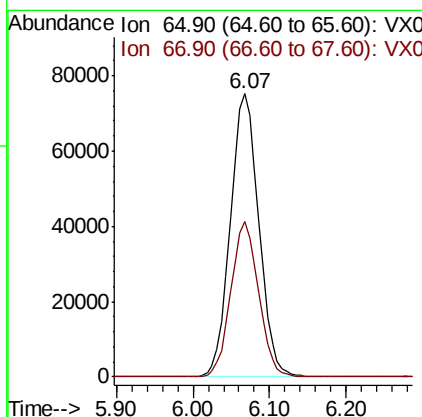
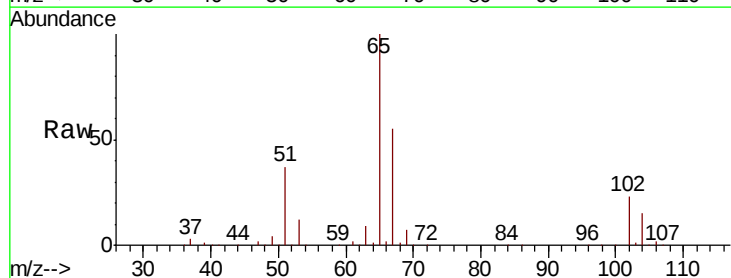
Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

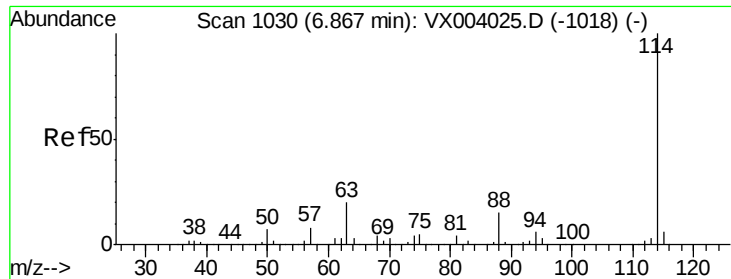
Tot Ion: 83 Resp: 9685
Ion Ratio Lower Upper
83 100
85 63.2 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 51.43 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 65 Resp: 194014
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8

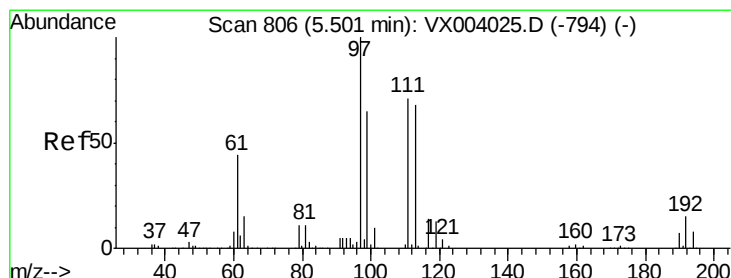
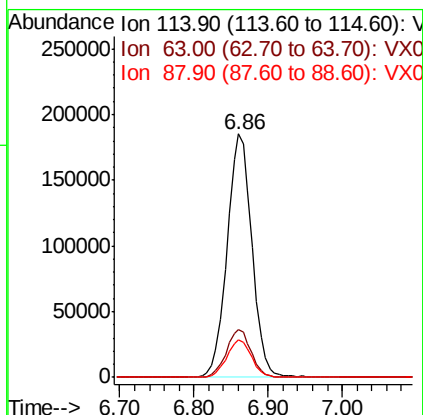
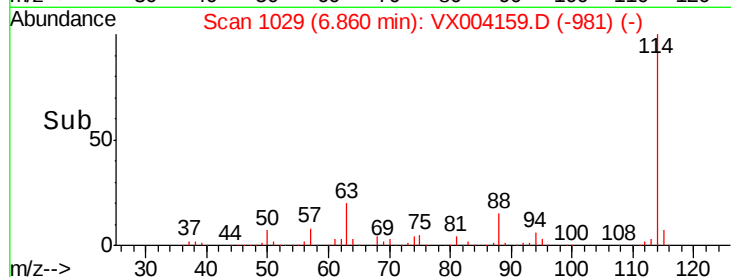
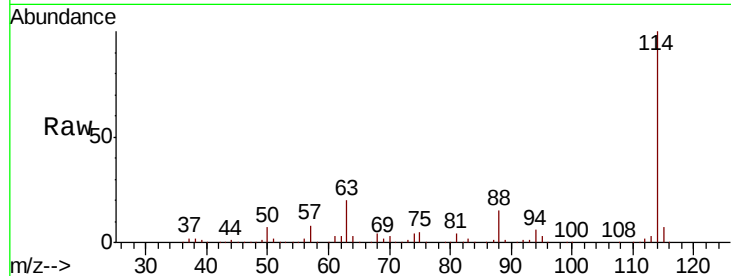




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

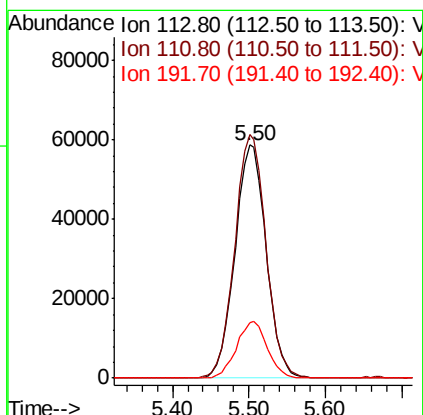
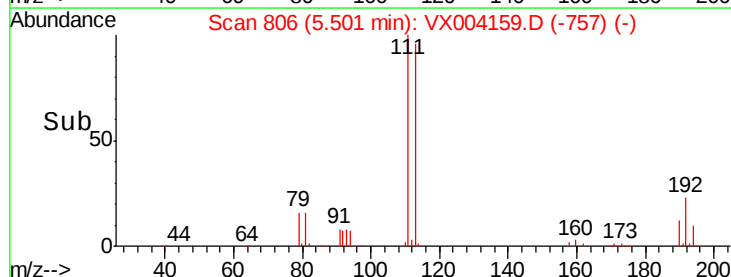
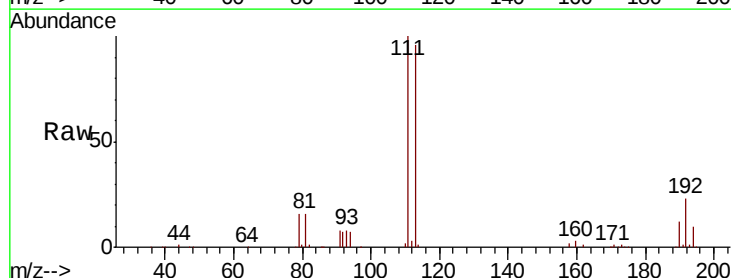
Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-081718

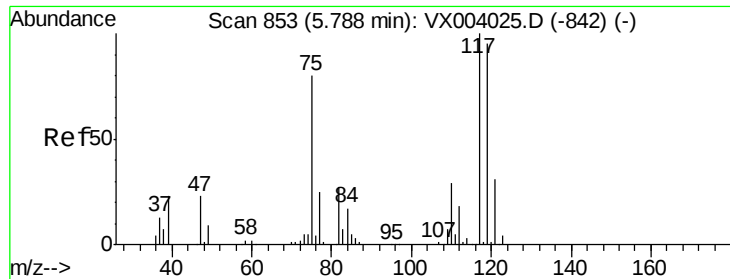
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.3	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.60 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.0	123.0
192	23.9	19.0	28.4

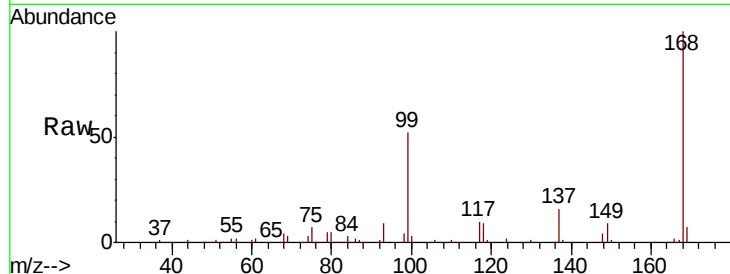




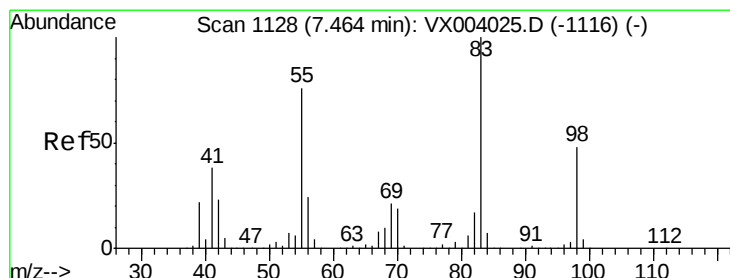
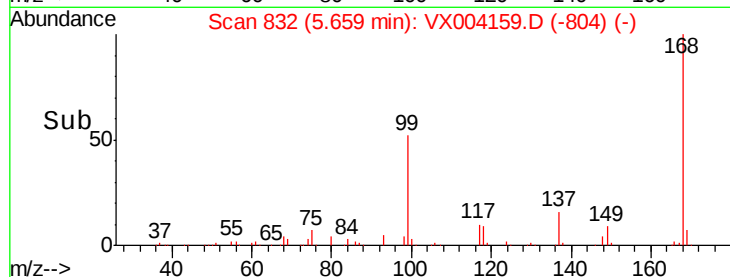
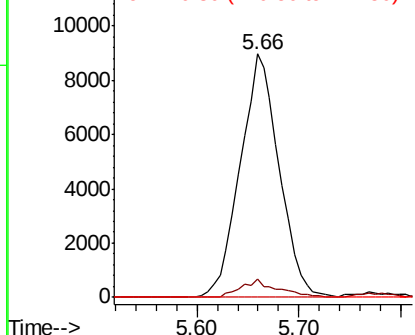
#38
Carbon Tetrachloride
Concen: 4.99 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

Tot Ion:117 Resp: 23790
Ion Ratio Lower Upper
117 100
119 7.4 79.5 119.3#
121 0.0 25.0 37.4#

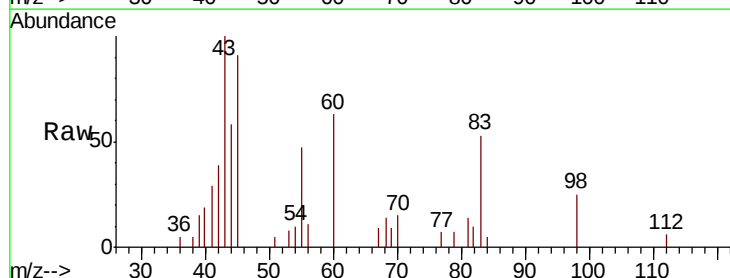


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

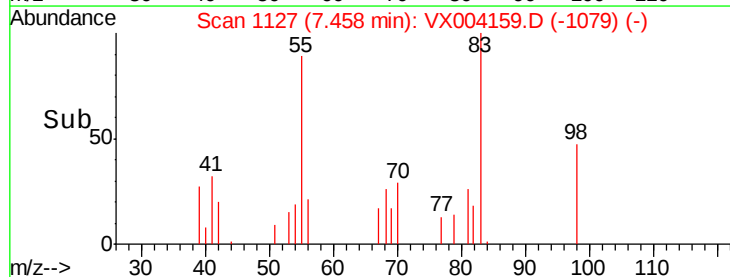
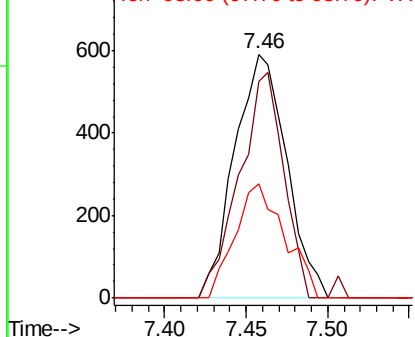


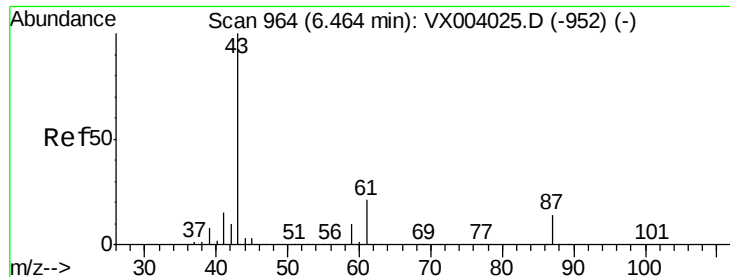
#39
Methylcyclohexane
Concen: 0.24 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 83 Resp: 1308
Ion Ratio Lower Upper
83 100
55 89.2 61.0 91.6
98 46.9 38.6 57.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



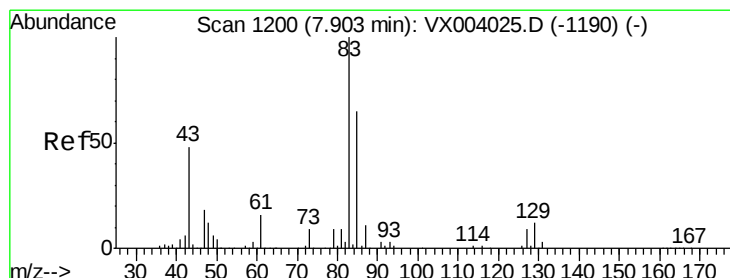
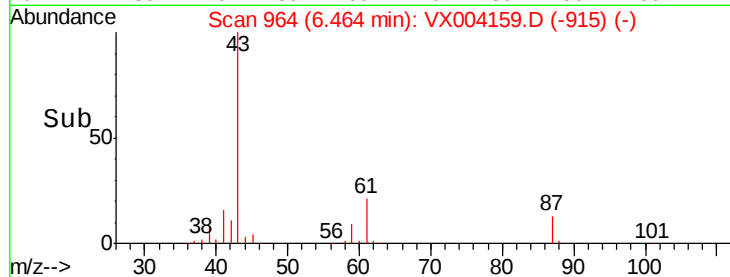
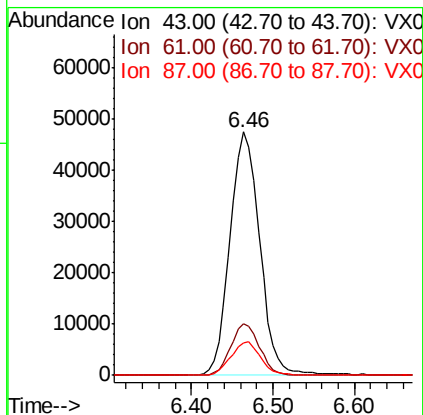
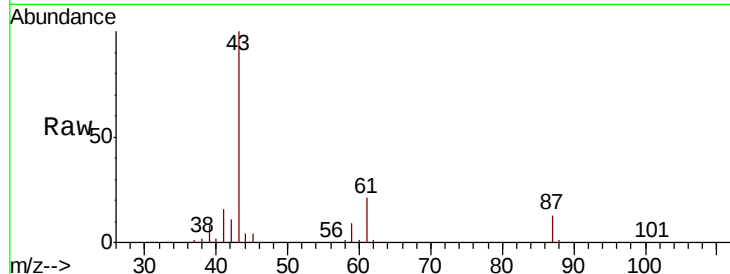


#43

Isopropyl Acetate
 Concen: 15.26 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-081718

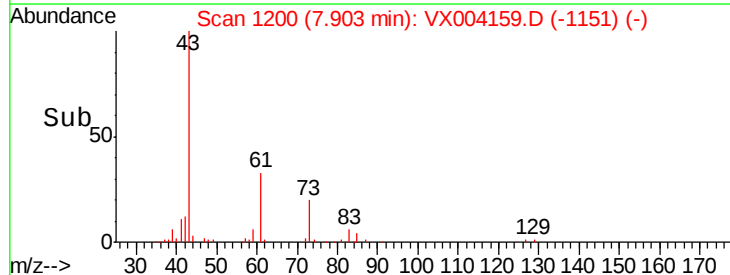
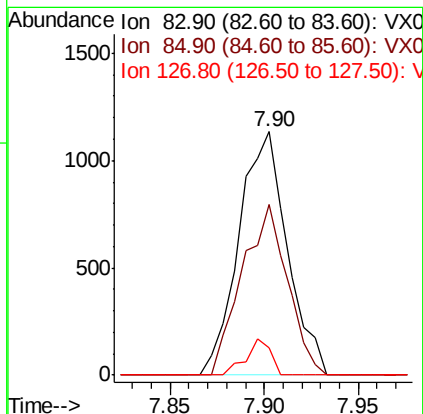
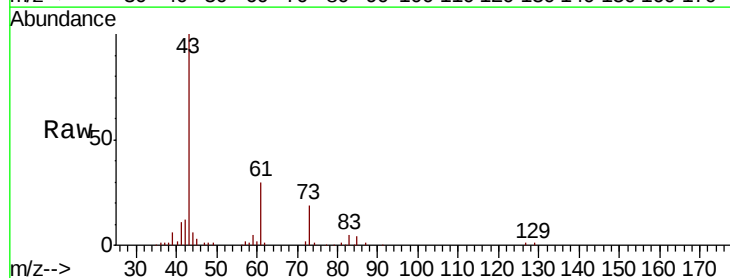
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.9	25.3
87	13.6	11.3	16.9

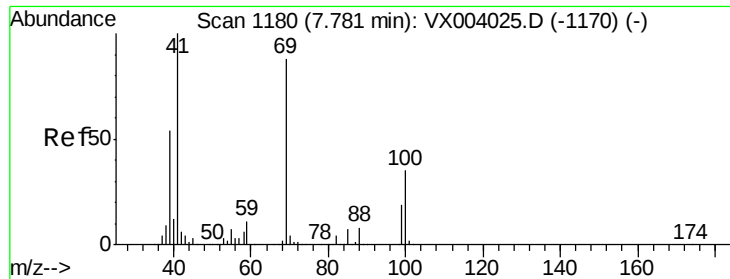


#47

Bromodichloromethane
 Concen: 0.43 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.1	51.2	76.8
127	11.0	7.2	10.8

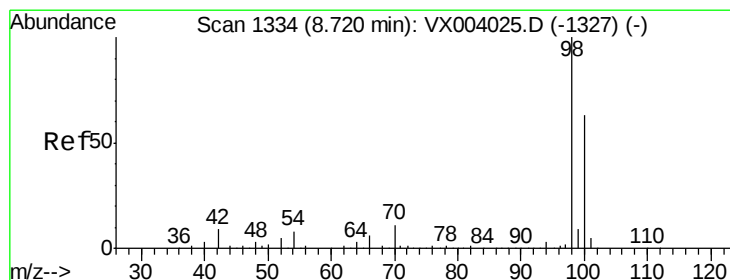
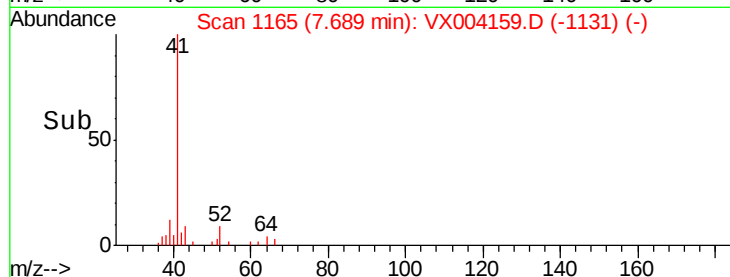
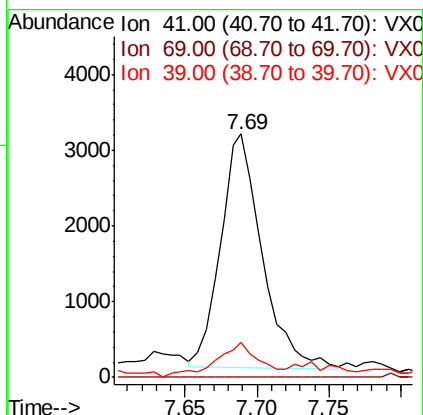
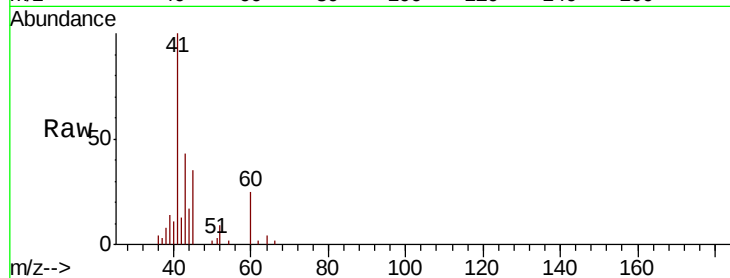




#48
Methvl methacrylate
Concen: 1.57 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

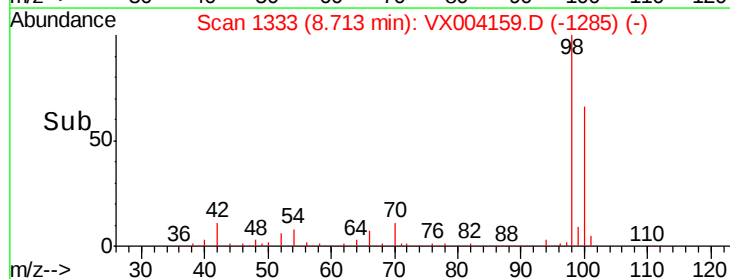
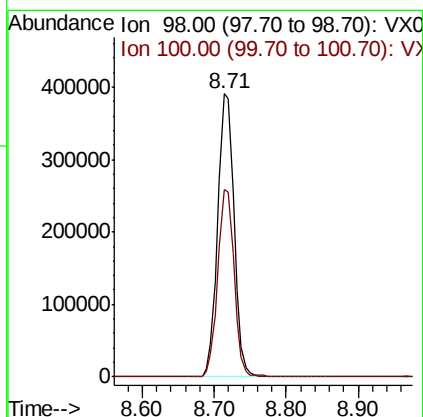
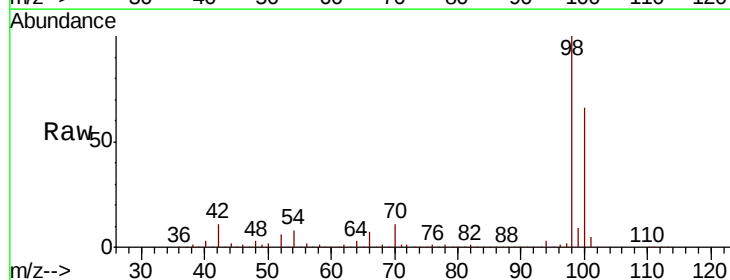
Instrument :
MSVOA_X
ClientSampleId :
HD-02-081718

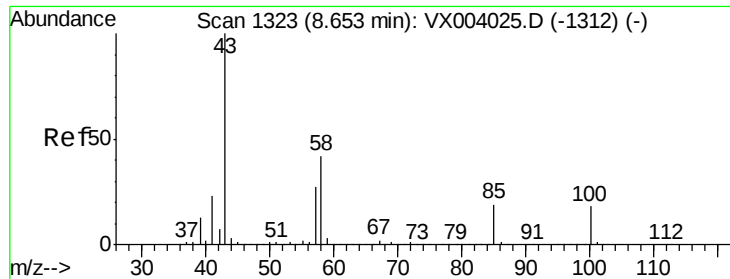
Tot Ion: 41 Resp: 6203
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 15.9 42.3 63.5#



#50
Toluene-d8
Concen: 47.20 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion: 98 Resp: 617071
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

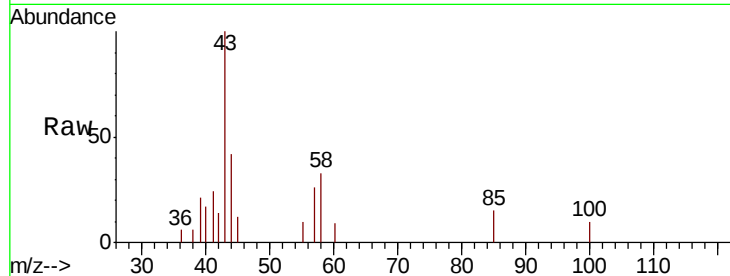
HD-02-081718

Tot Ion: 43 Resp: 1427

Ion Ratio Lower Upper

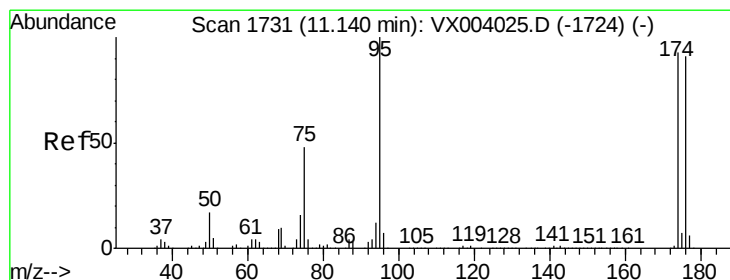
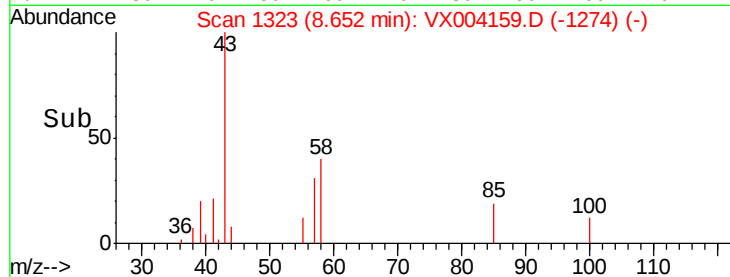
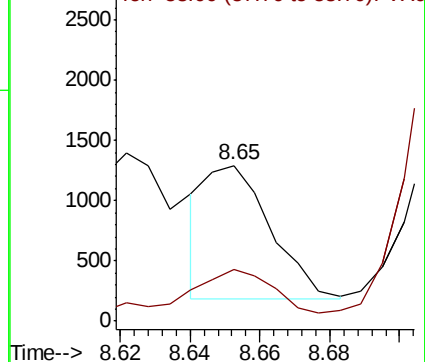
43 100

58 63.1 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

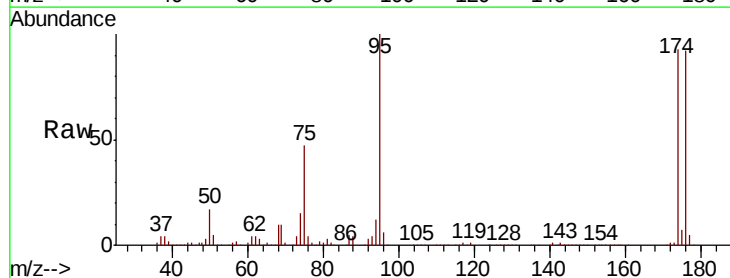
Tgt Ion: 95 Resp: 212031

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

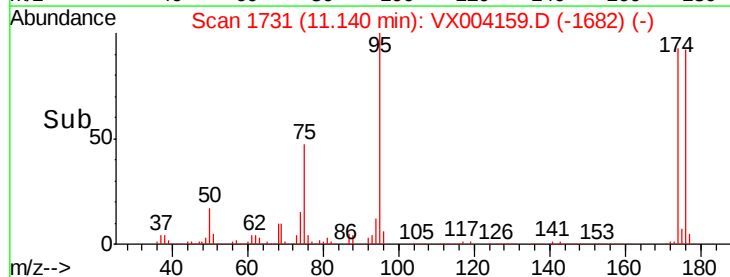
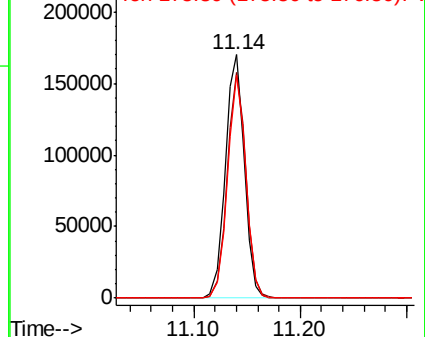
176 89.1 0.0 179.0

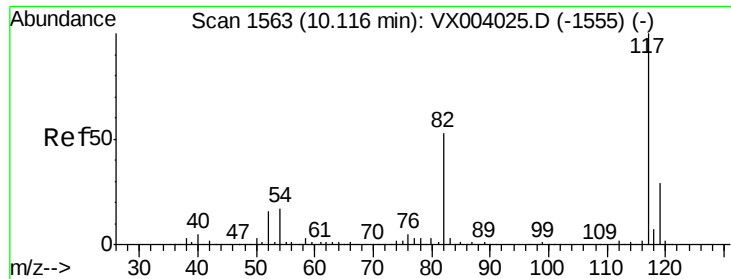


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

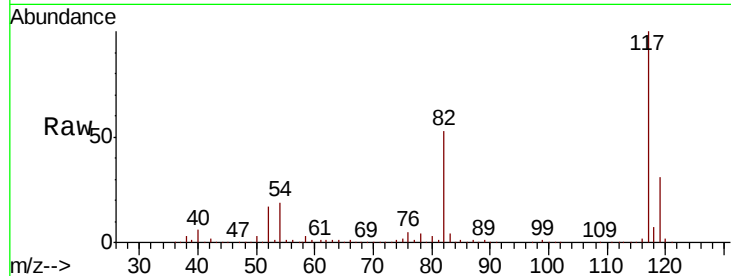




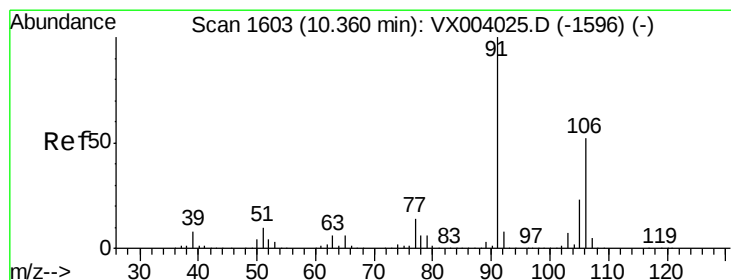
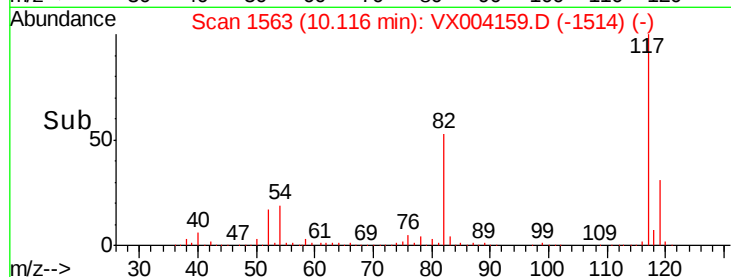
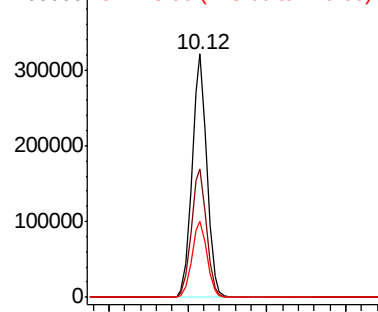
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Instrument :
MSVOA_X
ClientSampled :
HD-02-081718

Tot Ion:117 Resp: 419209
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.0
119 31.4 26.6 40.0

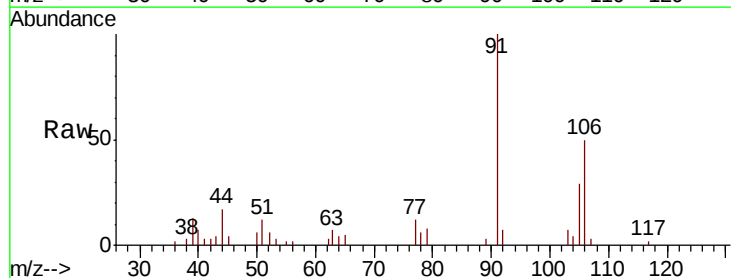


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

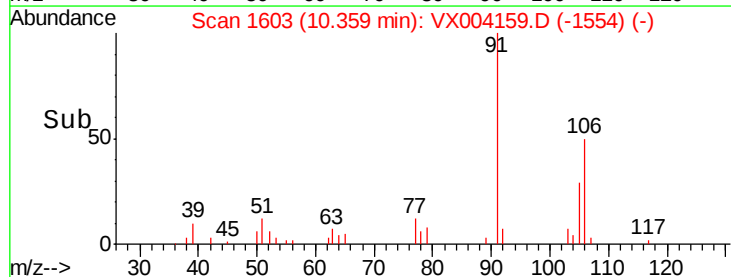
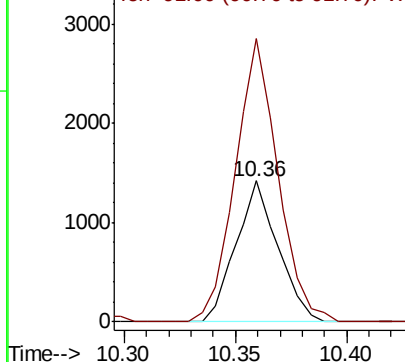


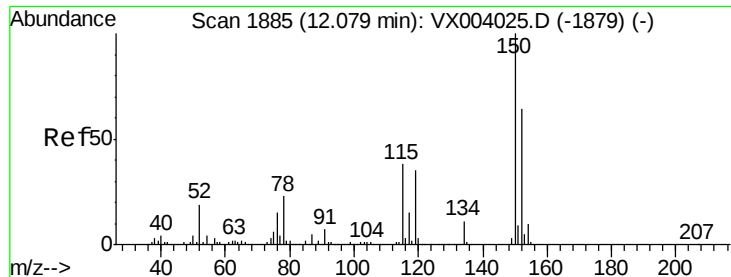
#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004159.D
Acq: 20 Aug 2018 18:01

Tgt Ion:106 Resp: 1862
Ion Ratio Lower Upper
106 100
91 204.1 162.3 243.5



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: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

HD-02-081718

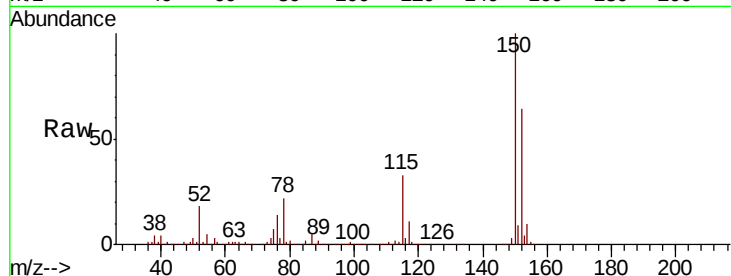
Tot Ion:152 Resp: 228155

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.3

150 156.0 0.0 349.2

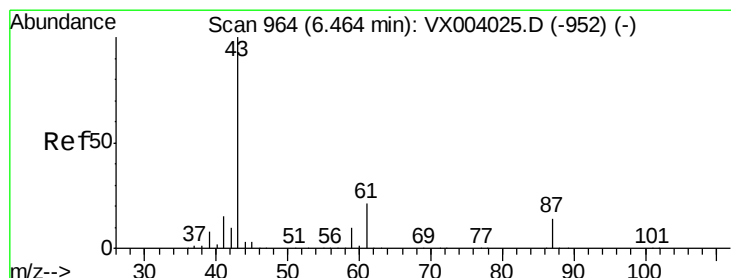
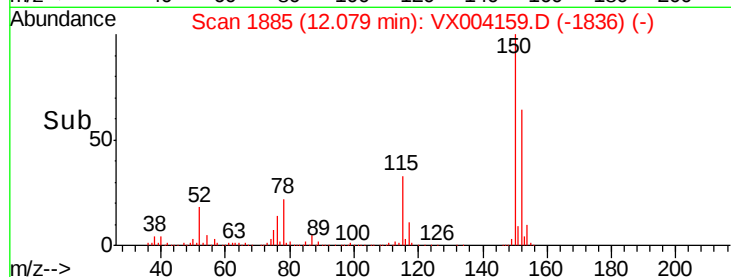
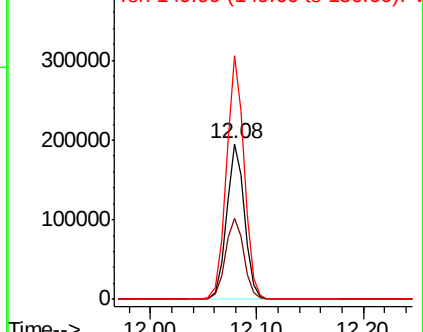


Abundance

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



#74

N-ethyl acetate

Concen: 16.54 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Tgt Ion: 43 Resp: 120105

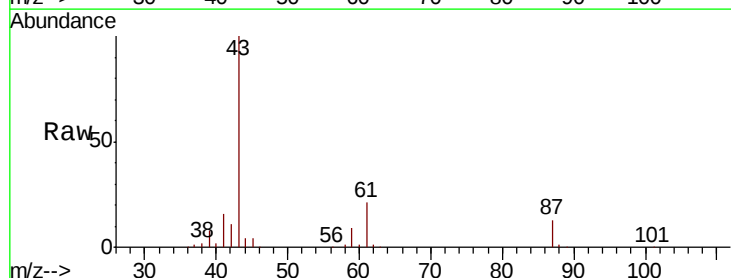
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.5 16.9 25.3



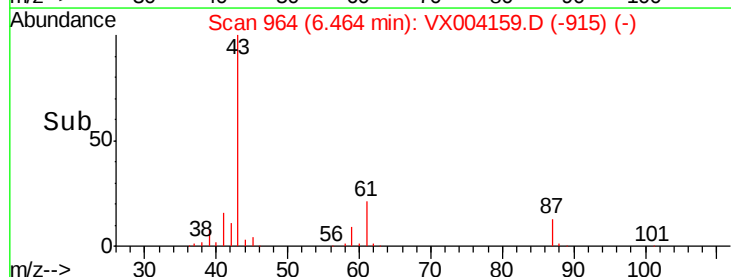
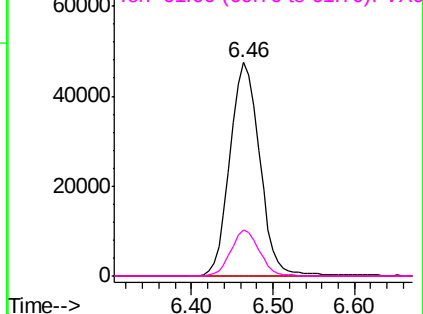
Abundance

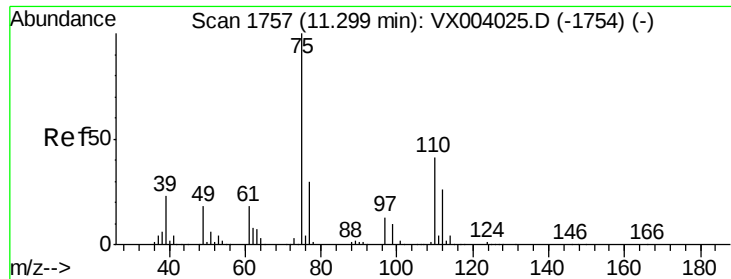
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

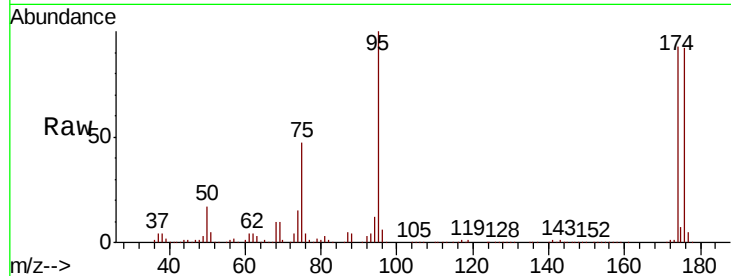
HD-02-081718

Tot Ion: 75 Resp: 102206

Ion Ratio Lower Upper

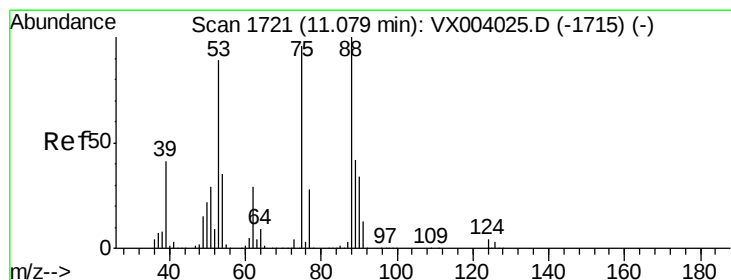
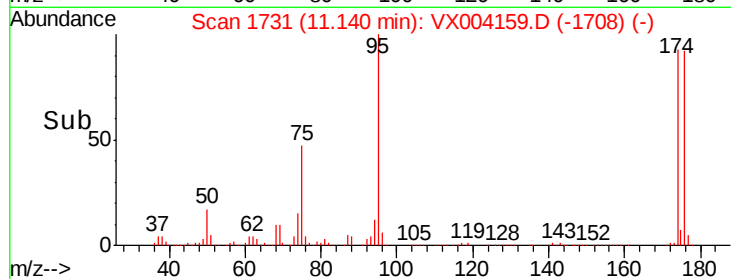
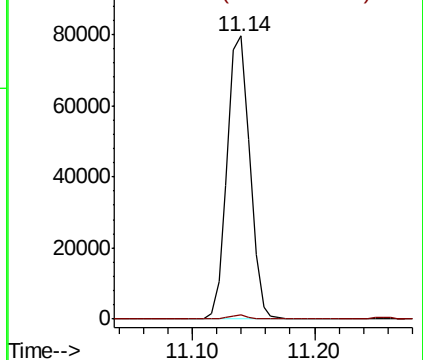
75 100

77 1.3 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 69.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

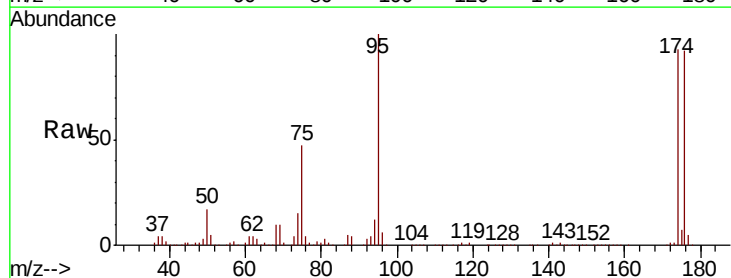
Tgt Ion: 75 Resp: 102206

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

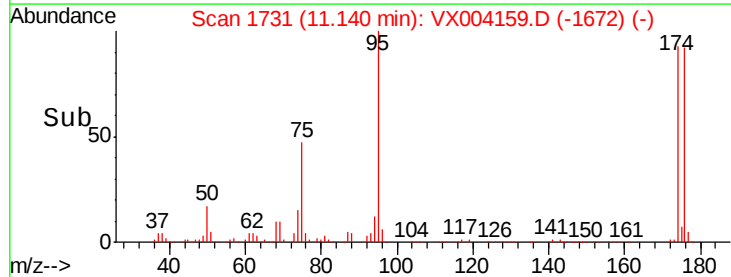
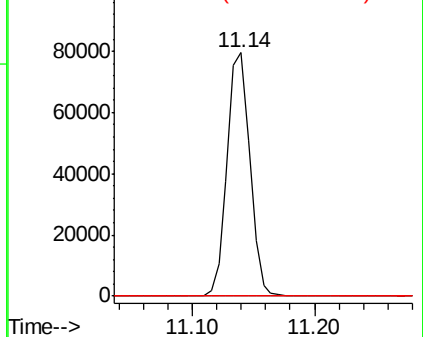
89 0.0 37.8 56.8#

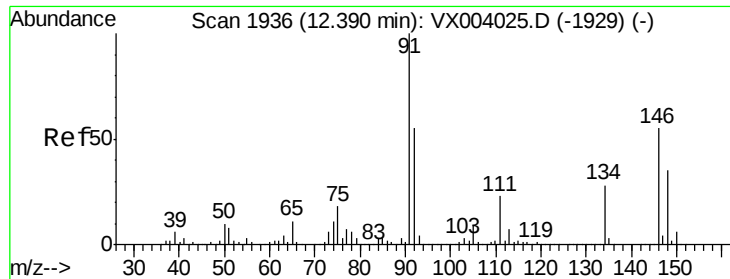


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

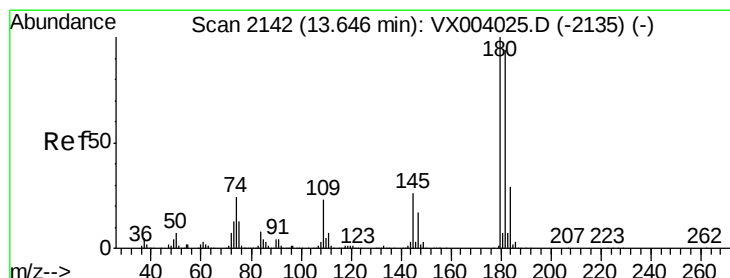
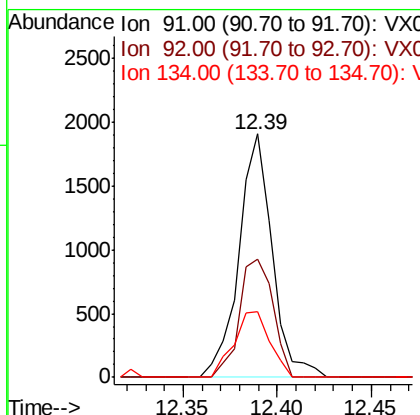
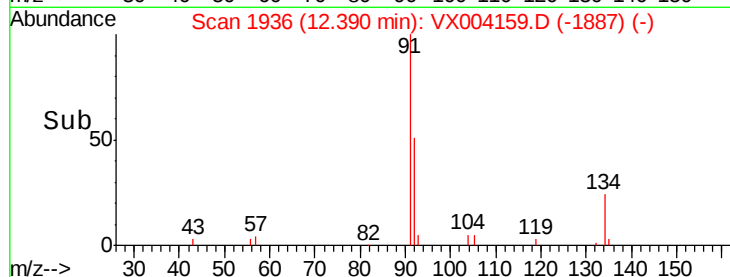
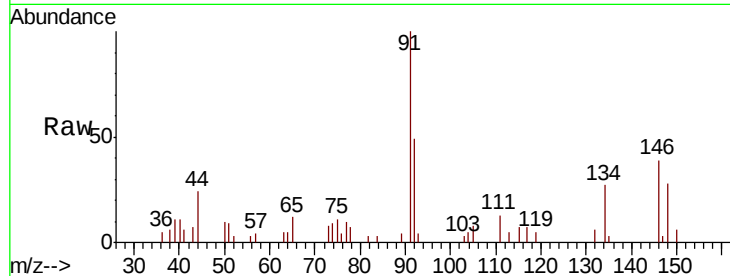




#89
 n-Butylbenzene
 Concen: 0.22 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

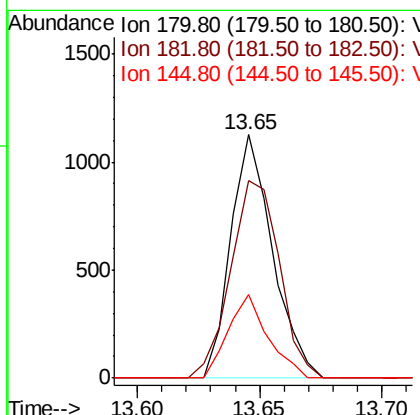
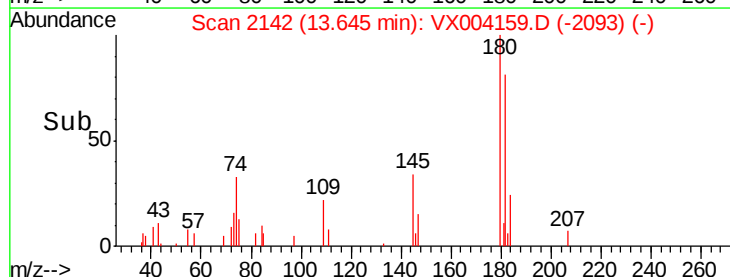
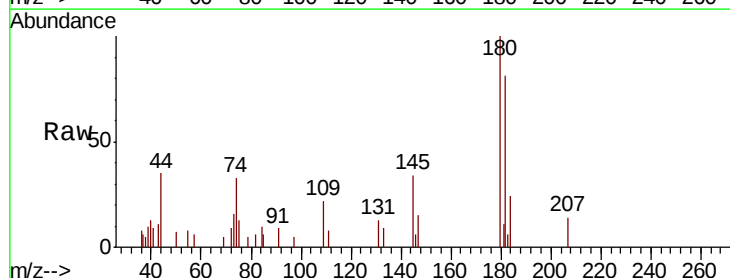
Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-081718

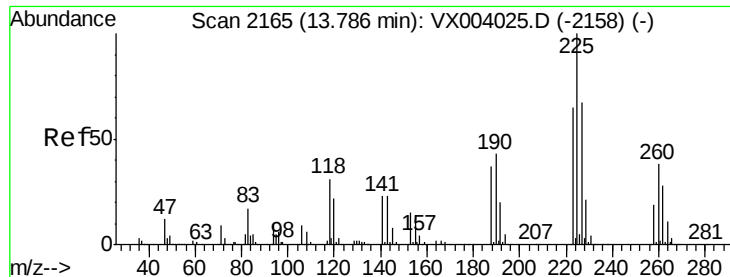
Tot Ion: 91 Resp: 2350
 Ion Ratio Lower Upper
 91 100
 92 48.6 27.1 81.3
 134 28.9 13.6 40.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004159.D
 Acq: 20 Aug 2018 18:01

Tgt Ion: 180 Resp: 1338
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.7 143.1
 145 32.4 13.9 41.6





#94

Hexachlorobutadiene

Concen: 0.30 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

HD-02-081718

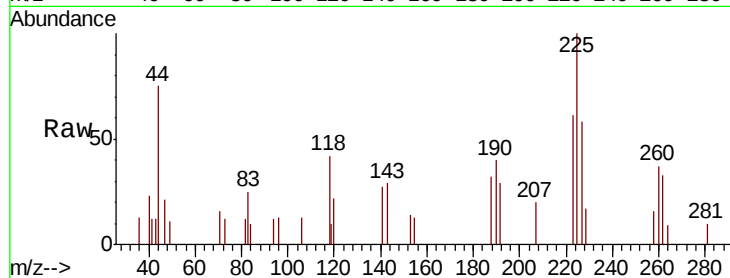
Tot Ion:225 Resp: 753

Ion Ratio Lower Upper

225 100

223 71.0 31.4 94.0

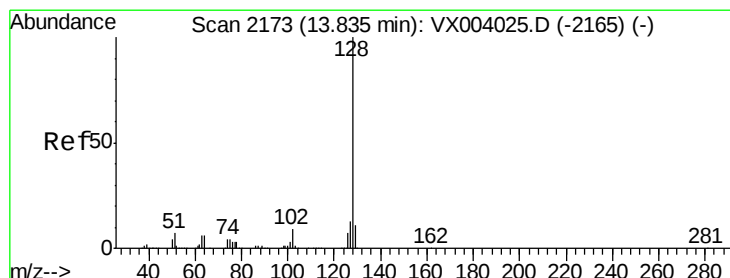
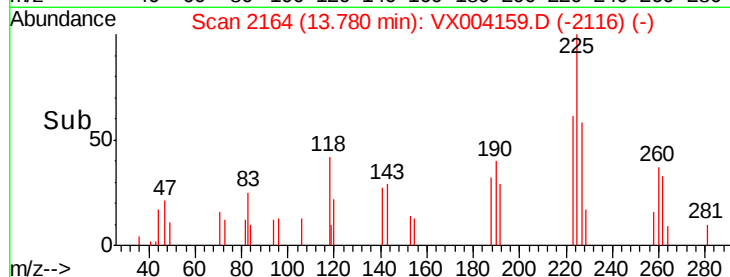
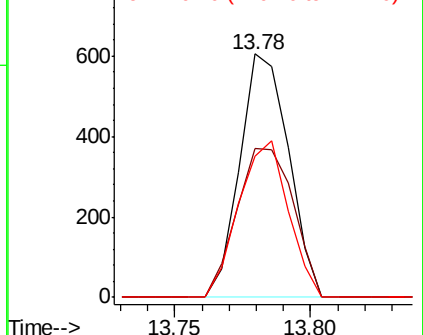
227 65.2 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.77 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004159.D

Acq: 20 Aug 2018 18:01

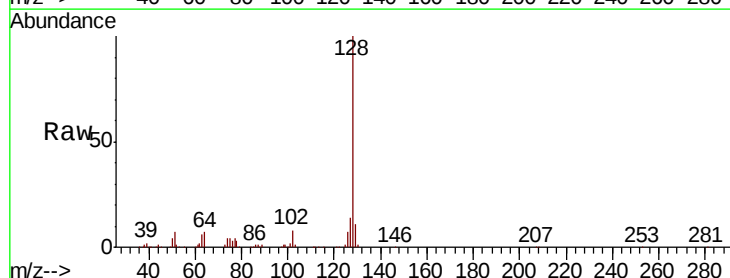
Tgt Ion:128 Resp: 75556

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.8 13.2



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

