

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006744.D
 Acq On : 22 Dec 2018 01:18
 Operator : JC/MD
 Sample : J6192-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-01-122018

Quant Time: Dec 22 04:11:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	636289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	988409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	893785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	415872	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	341091	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	297313	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
50) Toluene-d8	8.71	98	1159464	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	402217	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

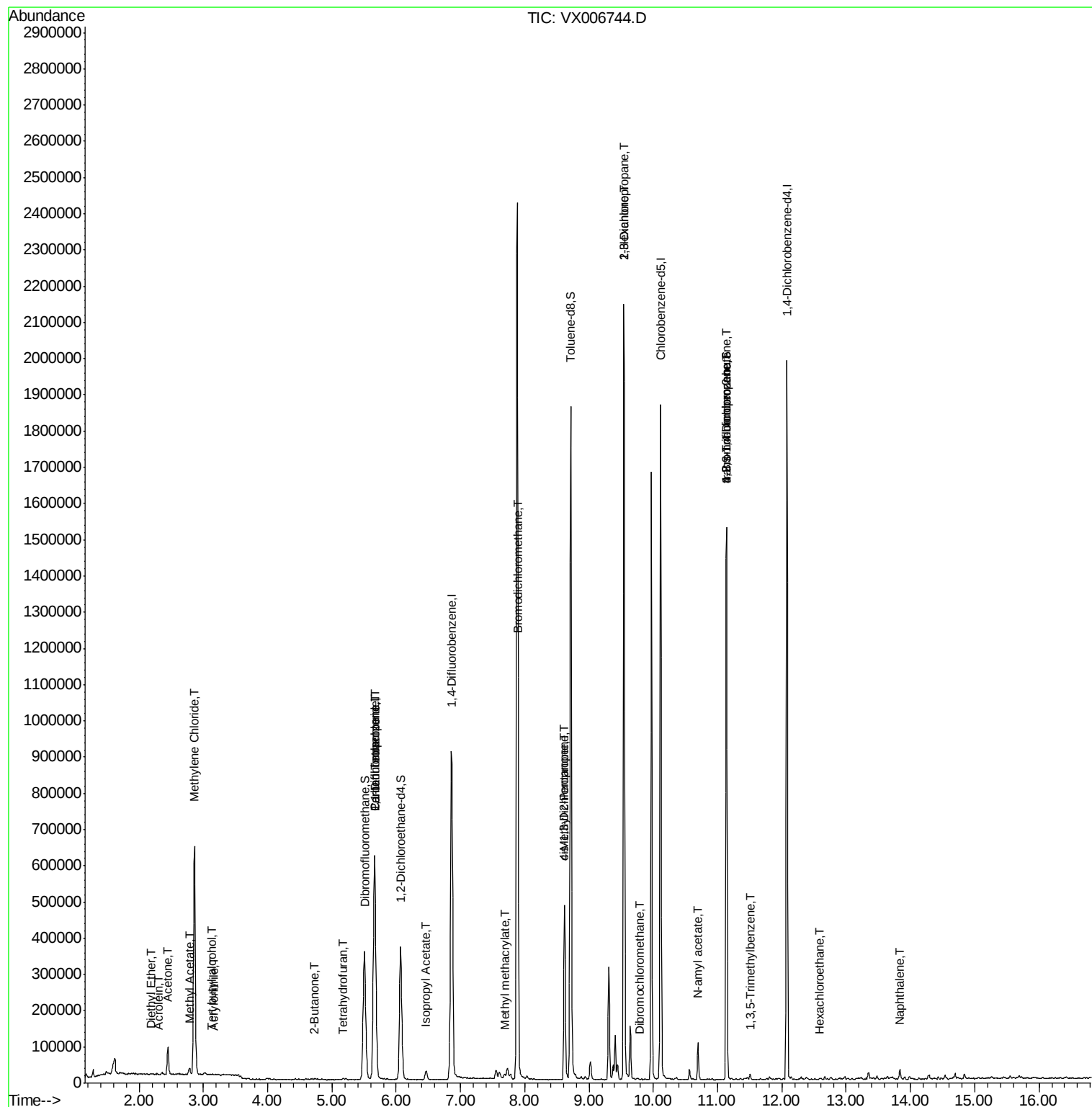
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	617	Below Cal		83
8) Diethyl Ether	2.19	74	1353	0.334	ug/l	96
11) Tert butyl alcohol	3.13	59	477	0.312	ug/l #	1
13) Acrolein	2.31	56	510	0.494	ug/l #	76
15) Acrylonitrile	3.16	53	687	0.202	ug/l #	28
16) Acetone	2.45	43	84407	26.791	ug/l	99
18) Methyl Acetate	2.78	43	24729	2.669	ug/l	98
20) Methylene Chloride	2.86	84	298785	45.862	ug/l	99
25) 2-Butanone	4.71	43	2869	0.647	ug/l #	79
28) Bromochloromethane	5.03	49	405	Below Cal	#	22
29) Tetrahydrofuran	5.16	42	2686	0.920	ug/l #	63
36) 1,1-Dichloropropene	5.67	75	41636	5.086	ug/l #	49
38) Carbon Tetrachloride	5.66	117	58999	7.416	ug/l #	15
43) Isopropyl Acetate	6.46	43	30416	2.346	ug/l	97
47) Bromodichloromethane	7.90	83	1774	0.240	ug/l #	87
48) Methyl methacrylate	7.69	41	16549	2.510	ug/l #	12
49) 1,4-Dioxane	7.75	88	81	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	158076	19.164	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	82483	9.479	ug/l #	60
57) 1,3-Dichloropropane	9.54	76	18507	1.748	ug/l #	45
59) 2-Hexanone	9.54	43	238294	37.757	ug/l #	51
60) Dibromochloromethane	9.78	129	56	2.332	ug/l	86
74) N-amyl acetate	10.69	43	24305	2.387	ug/l #	52
76) 1,2,3-Trichloropropane	11.13	75	189491	24.518	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	5978	0.255	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	189491	72.532	ug/l #	10
90) Hexachloroethane	12.60	117	169	3.333	ug/l #	23
95) Naphthalene	13.83	128	16745	0.548	ug/l #	93

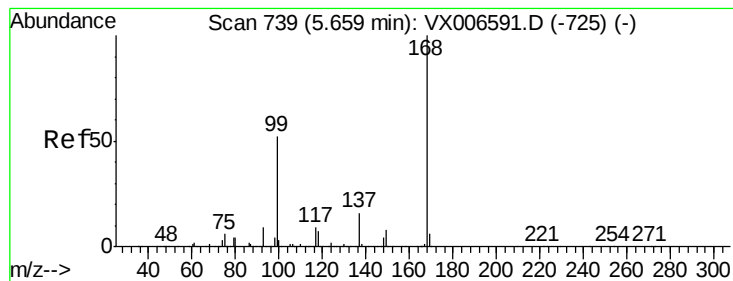
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 04:11:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

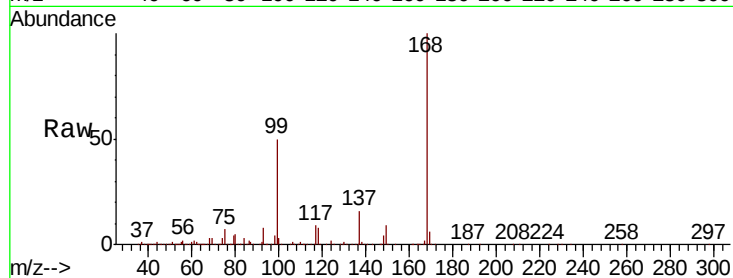
HD-01-122018

Tot Ion:168 Resp: 636289

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

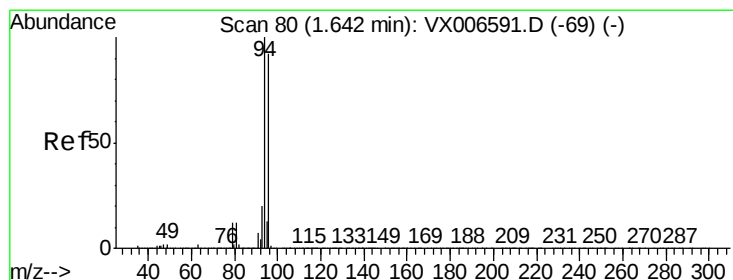
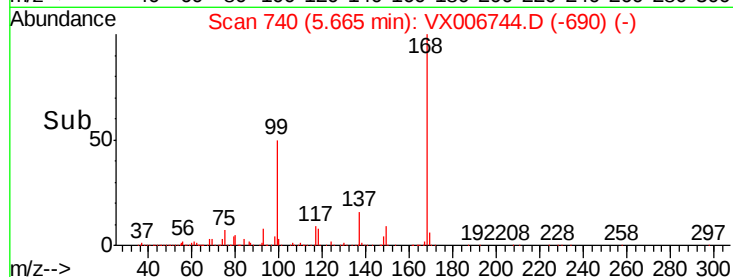
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX006744.D

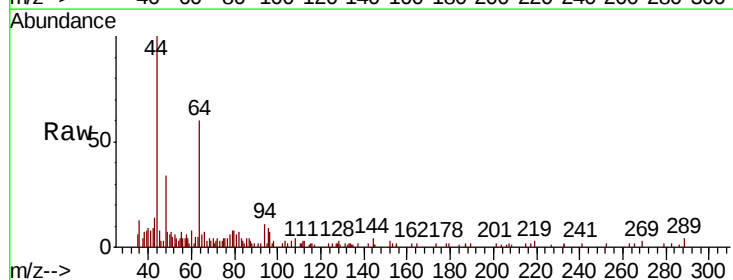
Acq: 22 Dec 2018 01:18

Tgt Ion: 94 Resp: 617

Ion Ratio Lower Upper

94 100

96 108.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

600

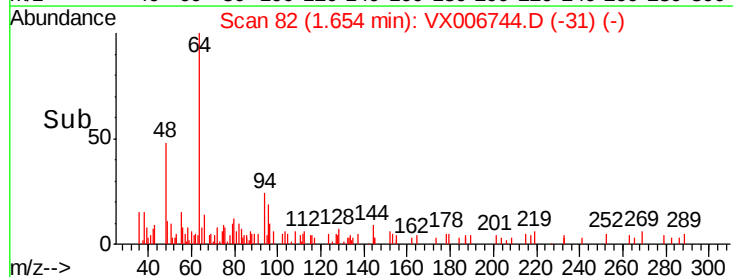
400

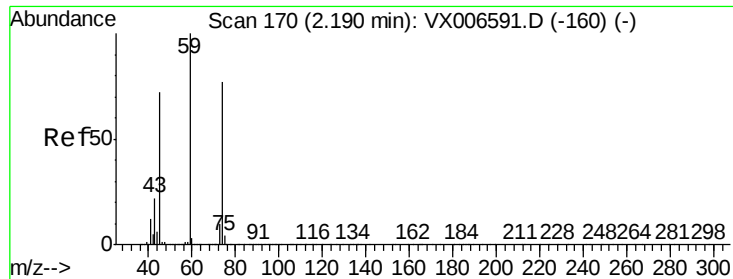
200

0

Time-->

1.60 1.65

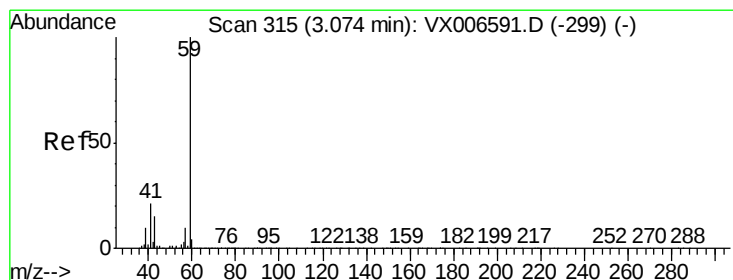
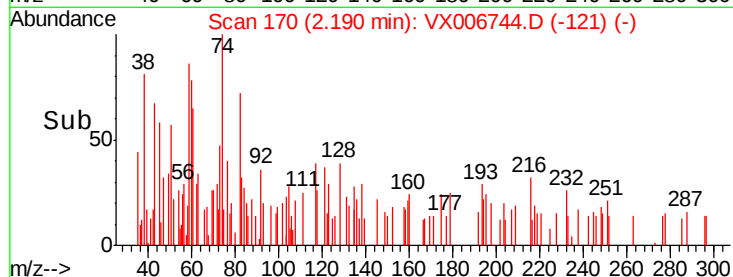
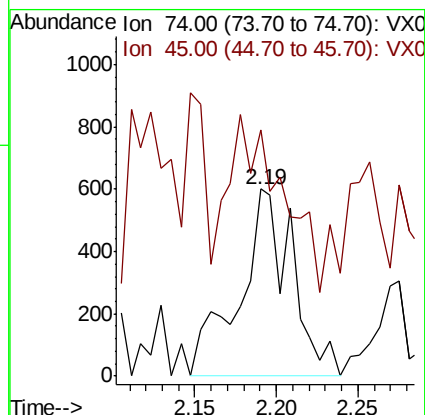
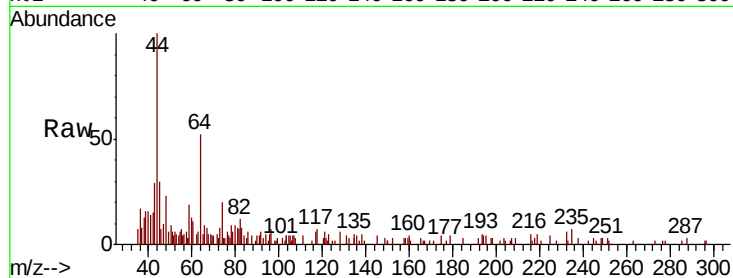




#8
Diethyl Ether
Concen: 0.334 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

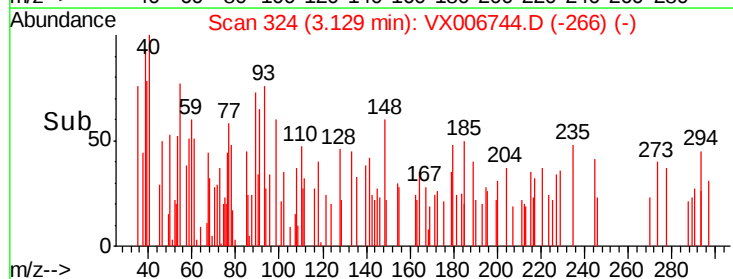
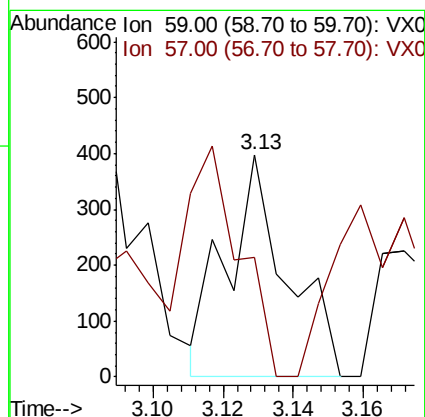
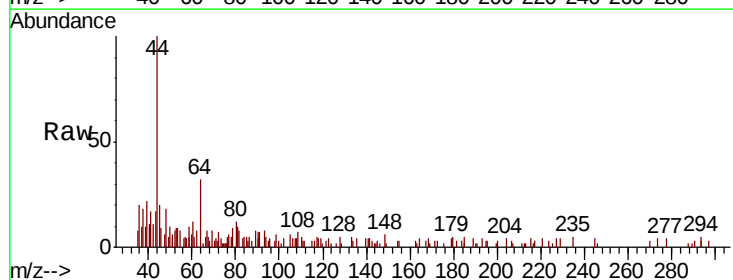
Instrument :
MSVOA_X
ClientSampled :
HD-01-122018

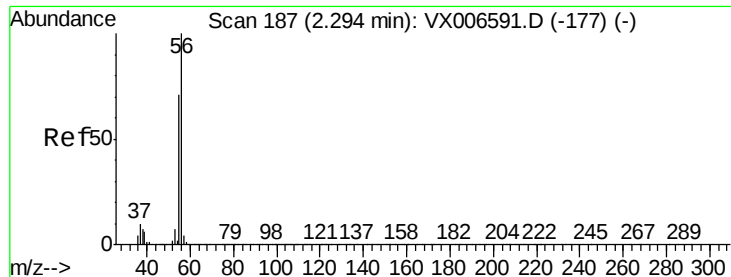
Tot Ion: 74 Resp: 1353
Ion Ratio Lower Upper
74 100
45 96.5 46.3 138.9



#11
Tert butyl alcohol
Concen: 0.312 ug/l
RT: 3.13 min Scan# 324
Delta R.T. 0.05 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 89.1 8.5 12.7#





#13

Acrolein

Concen: 0.494 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

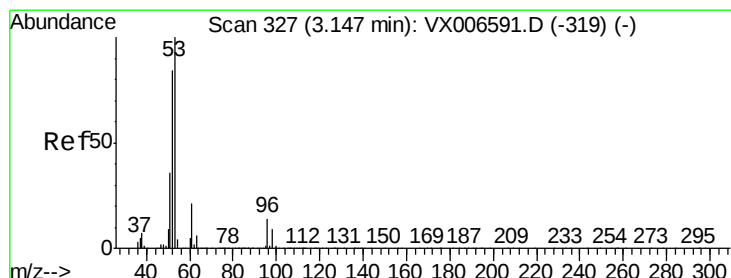
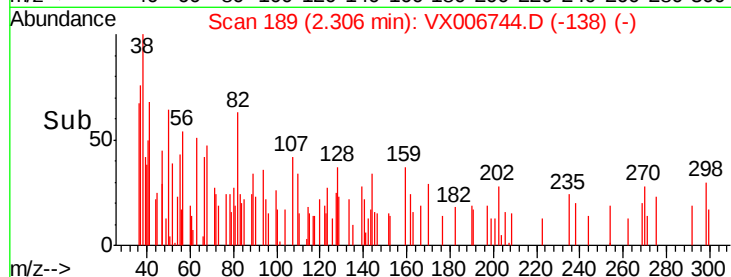
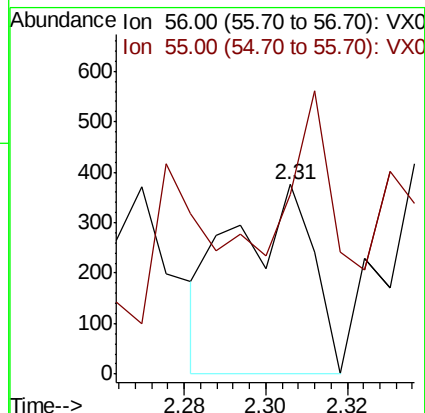
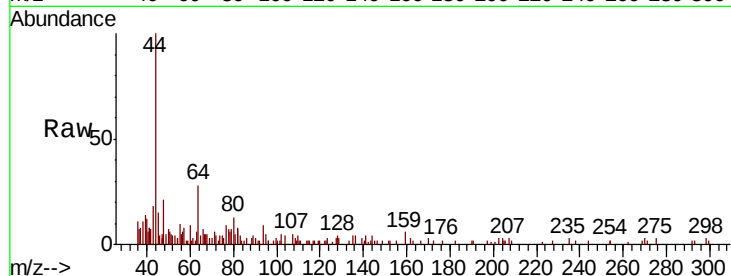
HD-01-122018

Tot Ion: 56 Resp: 510

Ion Ratio Lower Upper

56 100

55 52.5 58.2 87.4#



#15

Acrylonitrile

Concen: 0.202 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

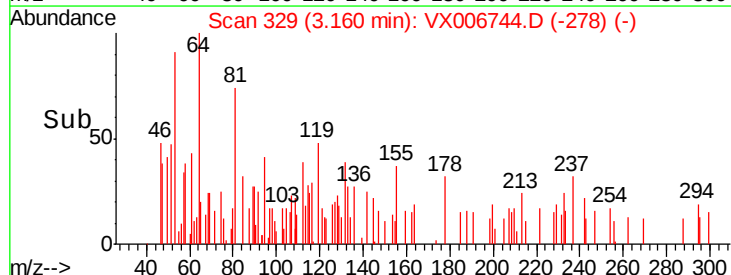
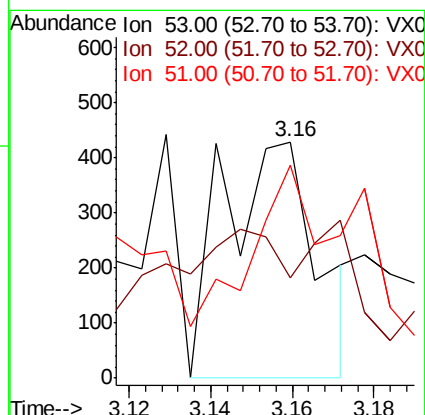
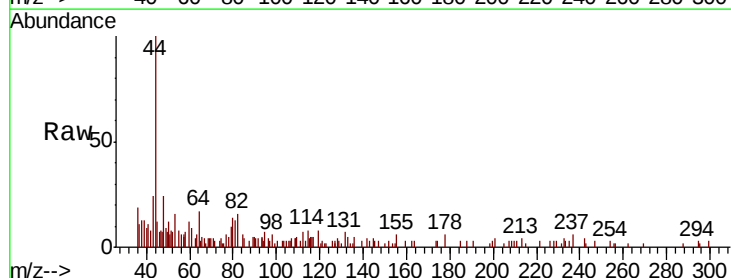
Tgt Ion: 53 Resp: 687

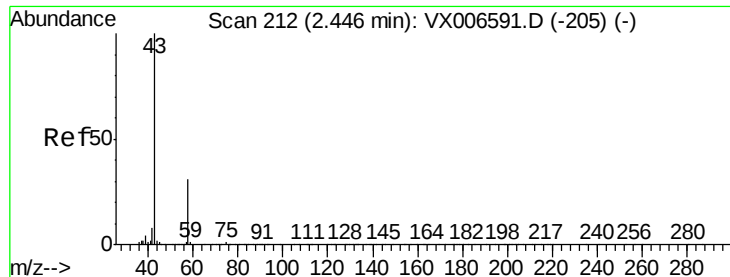
Ion Ratio Lower Upper

53 100

52 13.1 66.0 99.0#

51 0.0 28.6 42.8#

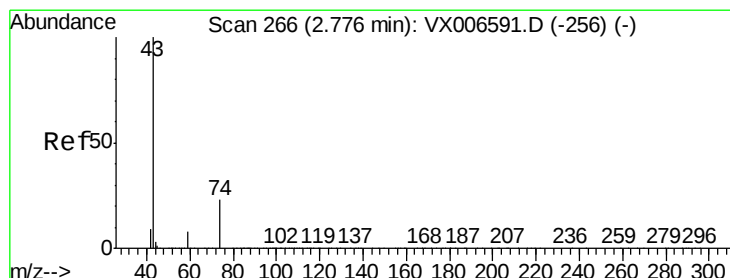
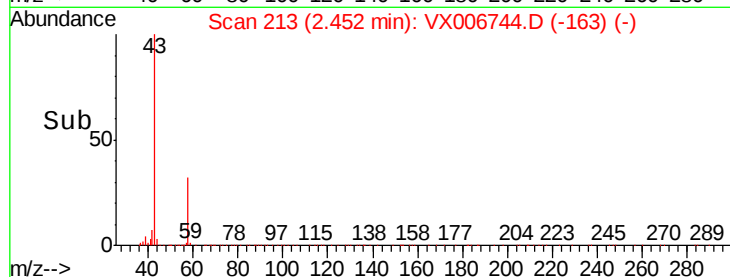
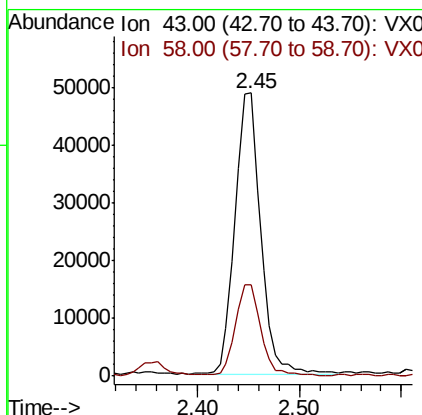
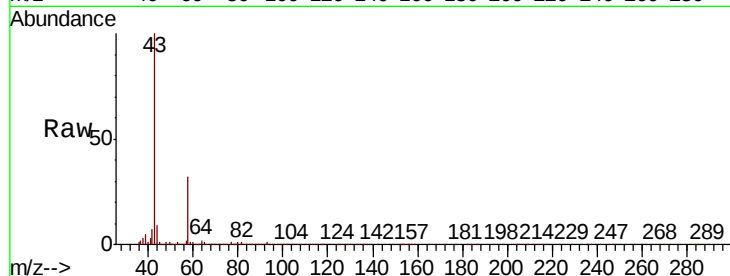




#16
Acetone
Concen: 26.791 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

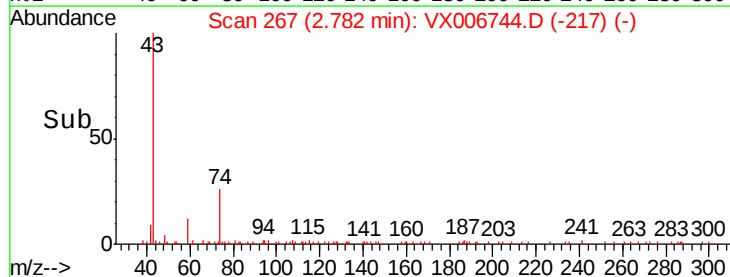
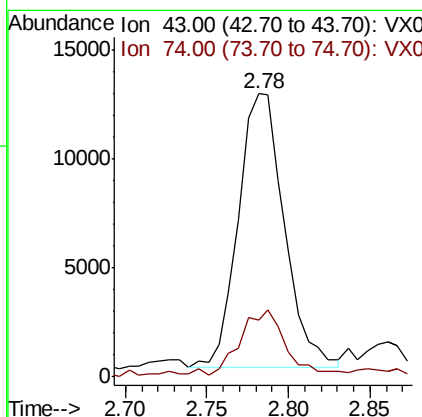
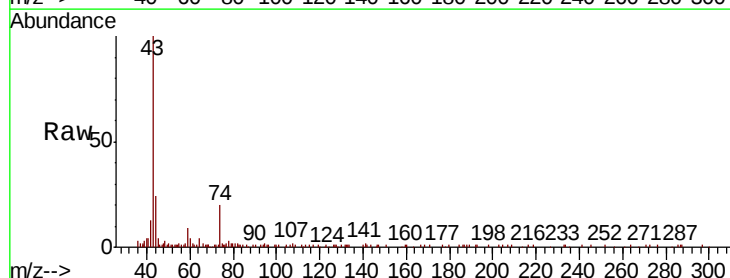
Instrument :
MSVOA_X
ClientSampled :
HD-01-122018

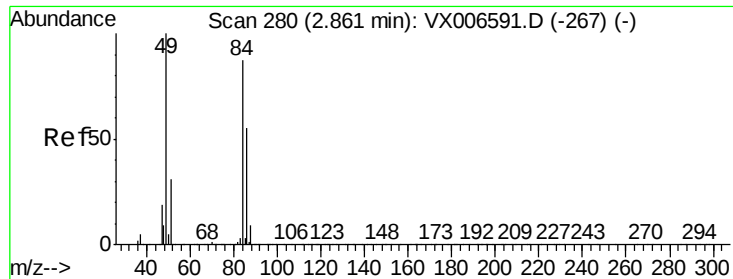
Tot Ion: 43 Resp: 84407
Ion Ratio Lower Upper
43 100
58 32.0 25.0 37.6



#18
Methyl Acetate
Concen: 2.669 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

Tgt Ion: 43 Resp: 24729
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0

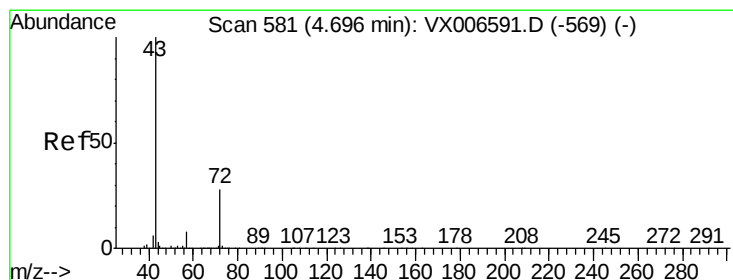
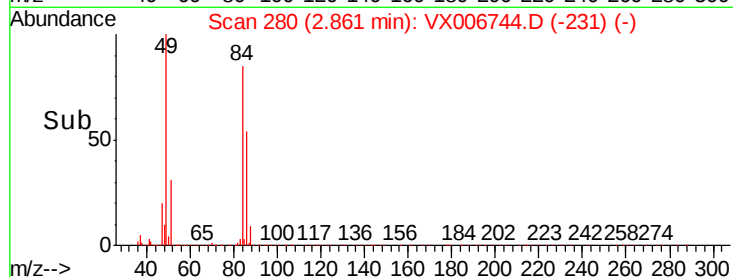
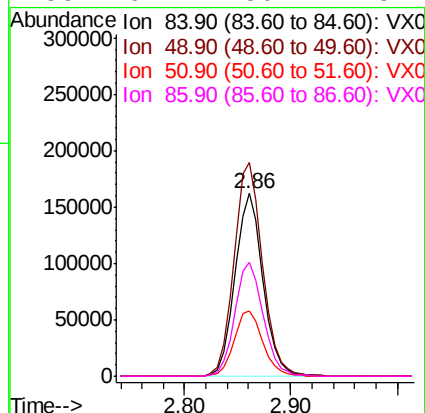
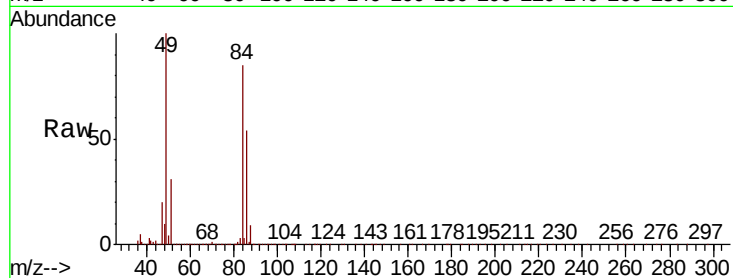




#20
Methvlene Chloride
Concen: 45.862 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

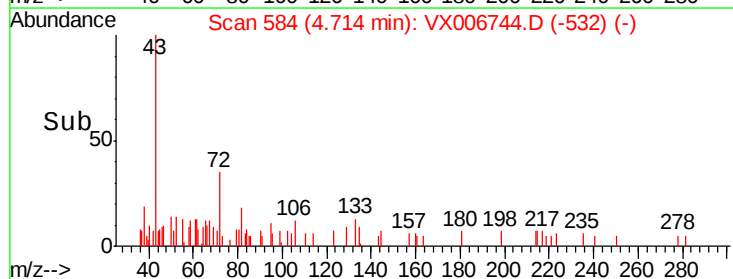
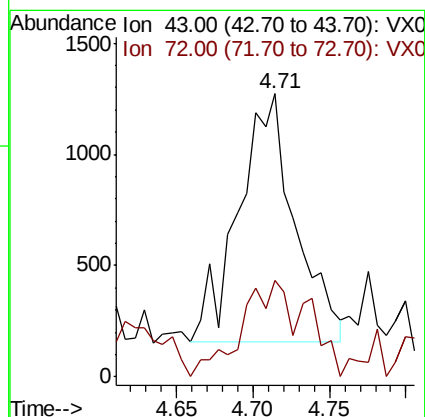
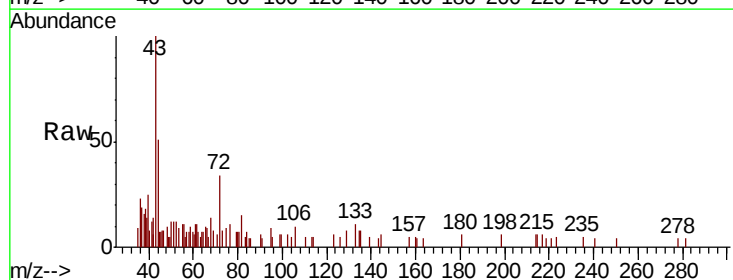
Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

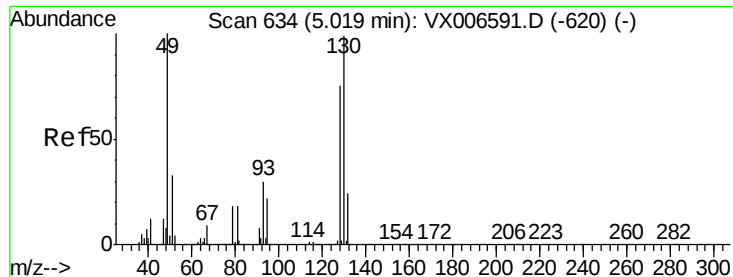
Tot Ion:	84	Resp:	298785
Ion	Ratio	Lower	Upper
84	100		
49	117.0	91.8	137.6
51	35.7	28.5	42.7
86	62.7	50.2	75.2



#25
2-Butanone
Concen: 0.647 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

Tgt Ion:	43	Resp:	2869
Ion	Ratio	Lower	Upper
43	100		
72	39.1	22.4	33.6#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

HD-01-122018

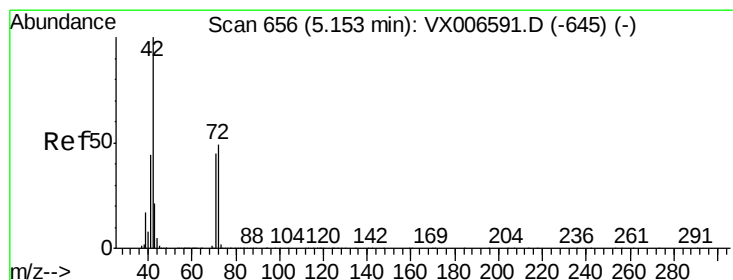
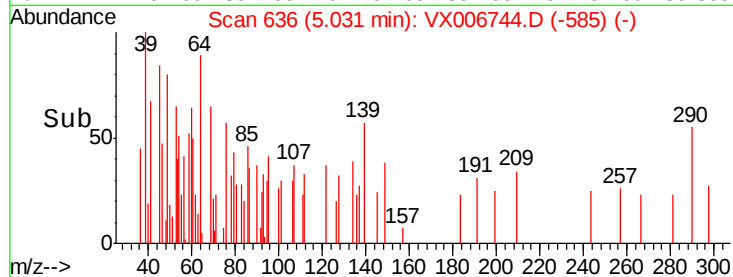
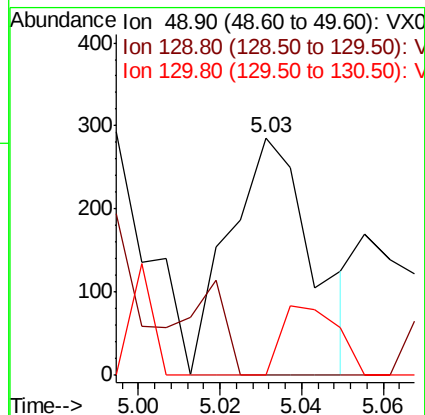
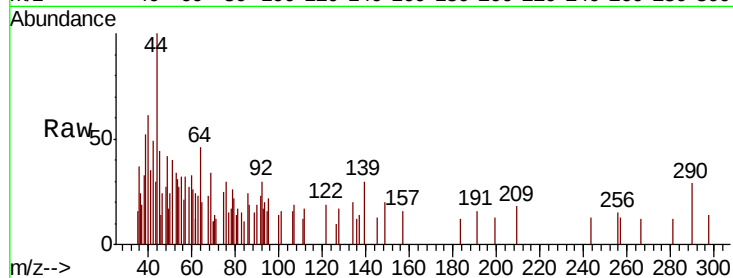
Tot Ion: 49 Resp: 405

Ion Ratio Lower Upper

49 100

129 16.5 0.0 5.4#

130 19.8 77.7 116.5#



#29

Tetrahydrofuran

Concen: 0.920 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

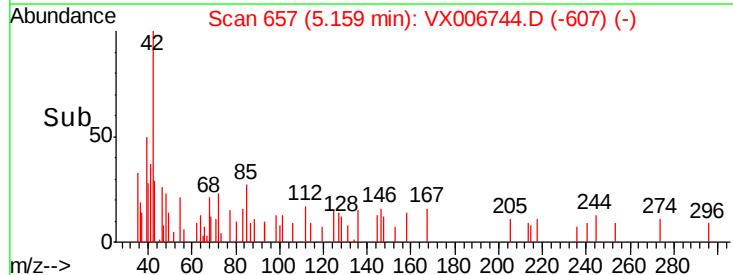
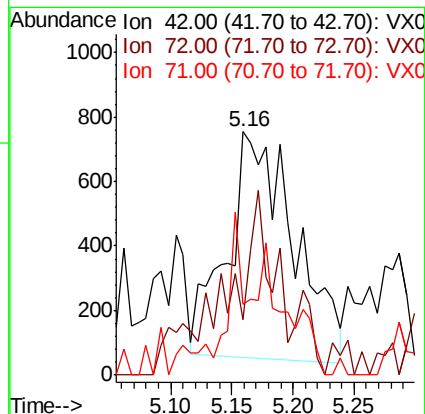
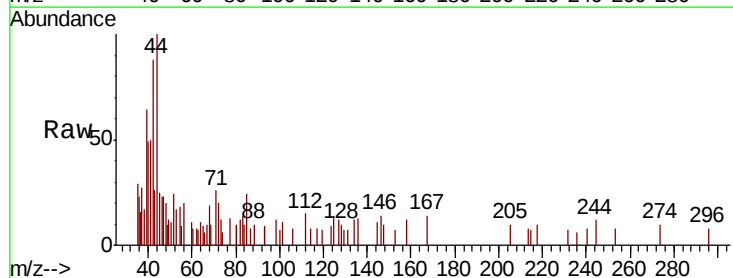
Tgt Ion: 42 Resp: 2686

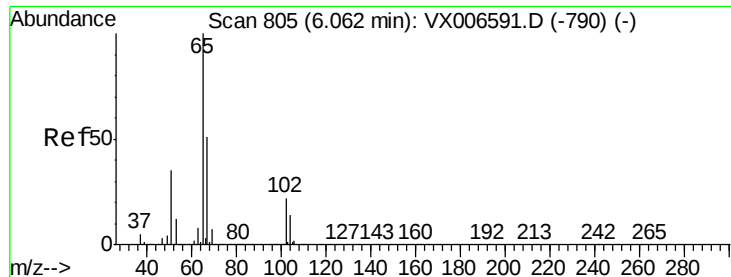
Ion Ratio Lower Upper

42 100

72 22.9 38.9 58.3#

71 21.8 36.2 54.4#





#33

1,2-Dichloroethane-d4

Concen: 49.739 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

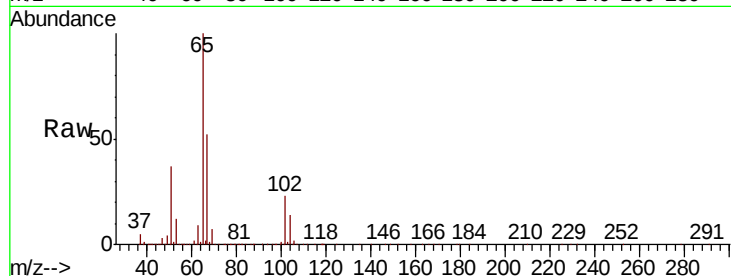
HD-01-122018

Tot Ion: 65 Resp: 341091

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

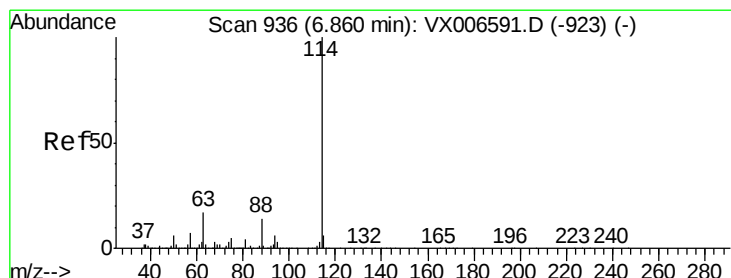
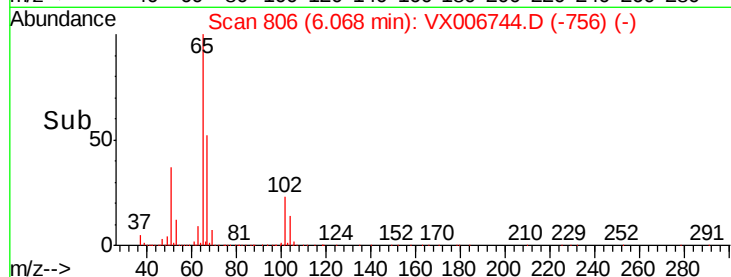
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

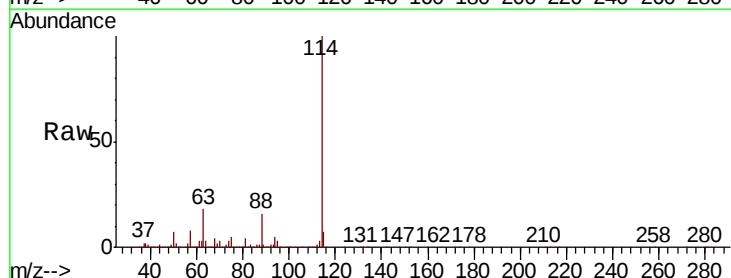
Tgt Ion: 114 Resp: 988409

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

88 15.6 0.0 28.8



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

6.86

500000

400000

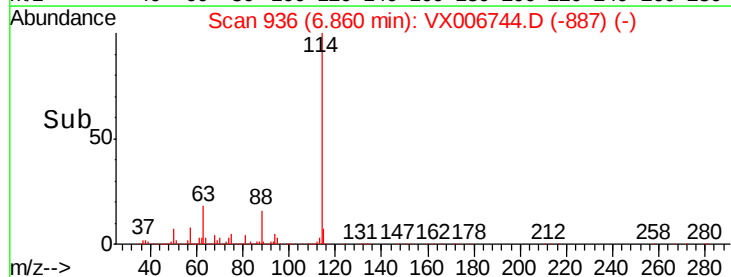
300000

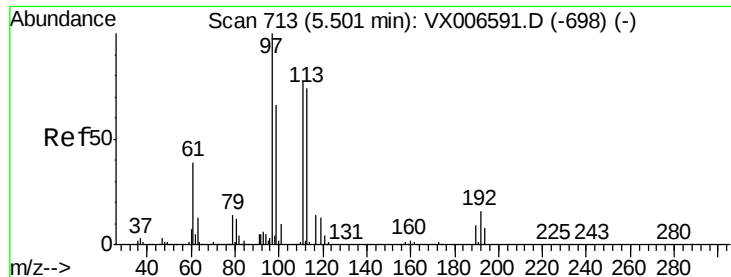
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.566 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

HD-01-122018

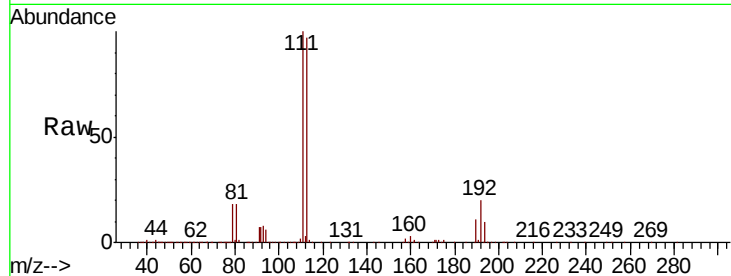
Tot Ion:113 Resp: 297313

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

192 21.3 16.7 25.1

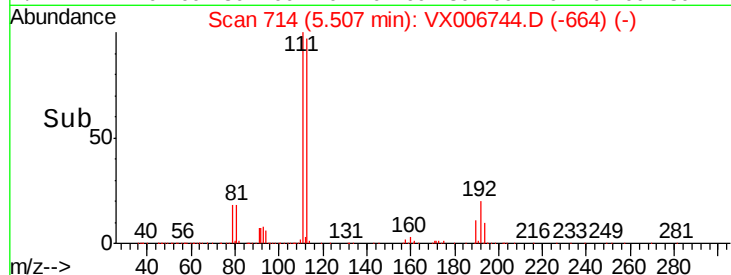


Abundance Ion 112.80 (112.50 to 113.50): V

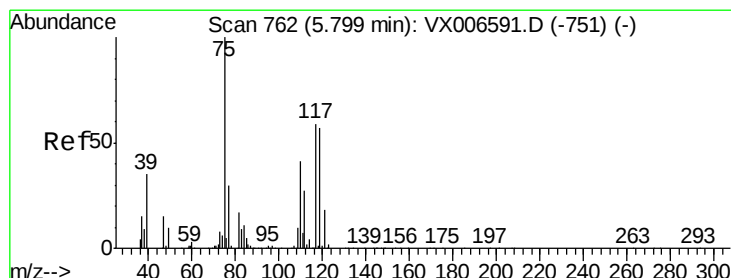
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.51



Time-->



#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

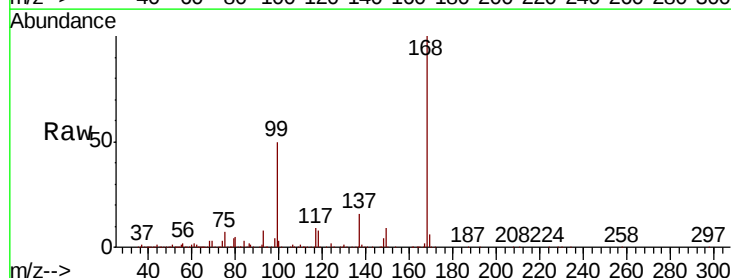
Tgt Ion: 75 Resp: 41636

Ion Ratio Lower Upper

75 100

110 10.7 20.2 60.5#

77 0.8 24.8 37.2#

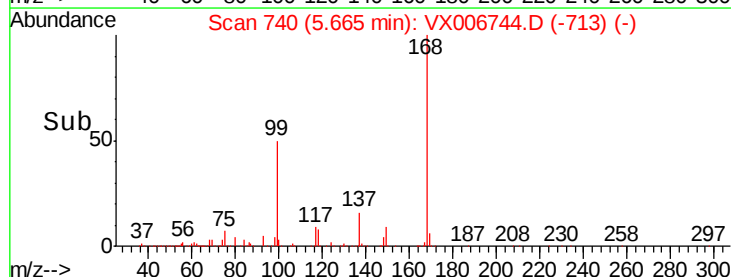


Abundance Ion 74.90 (74.60 to 75.60): VX0

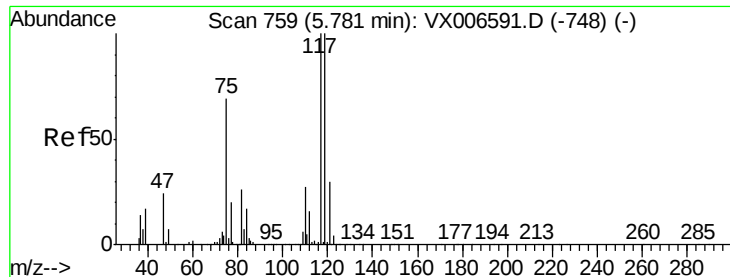
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

5.67



Time-->



#38

Carbon Tetrachloride

Concen: 7.416 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

HD-01-122018

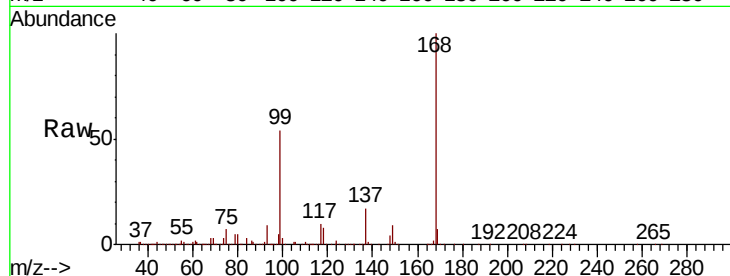
Tot Ion:117 Resp: 58999

Ion Ratio Lower Upper

117 100

119 5.0 79.4 119.2#

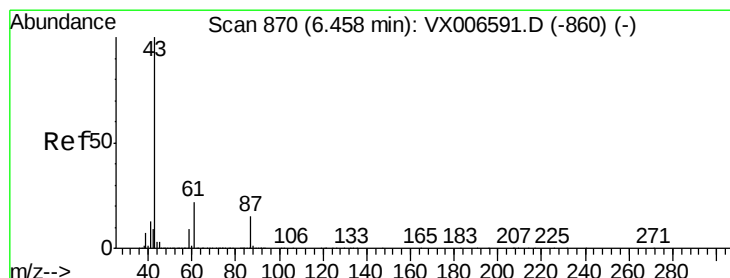
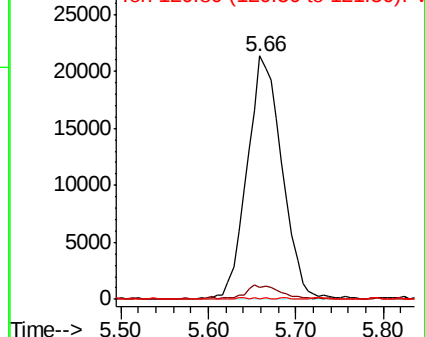
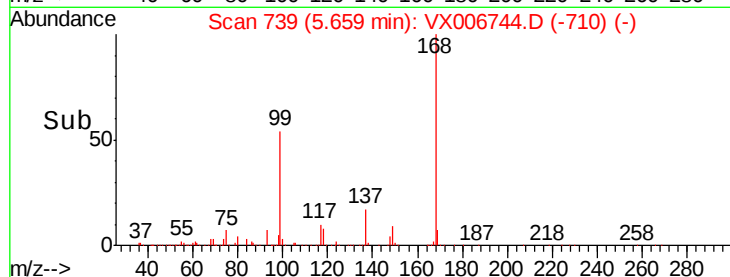
121 0.3 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 2.346 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

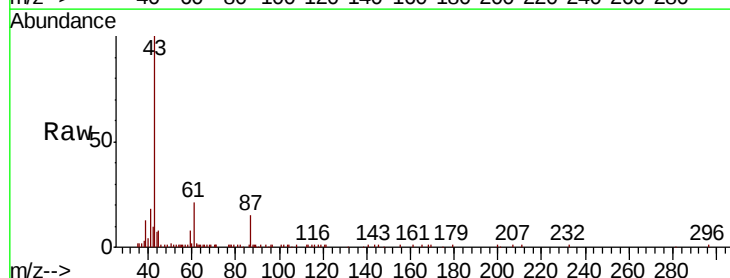
Tgt Ion: 43 Resp: 30416

Ion Ratio Lower Upper

43 100

61 23.0 16.8 25.2

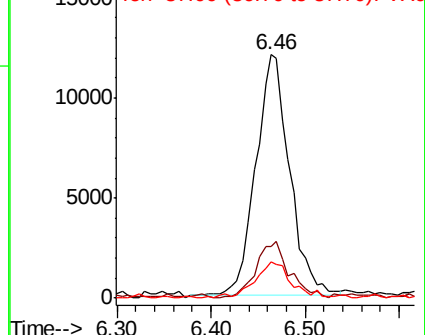
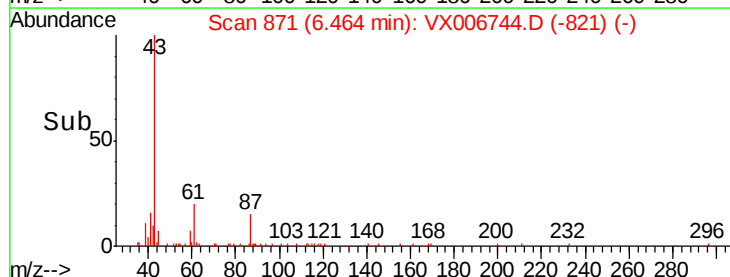
87 16.3 12.4 18.6

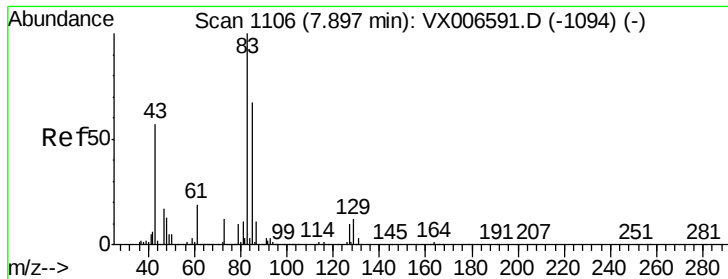


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.240 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

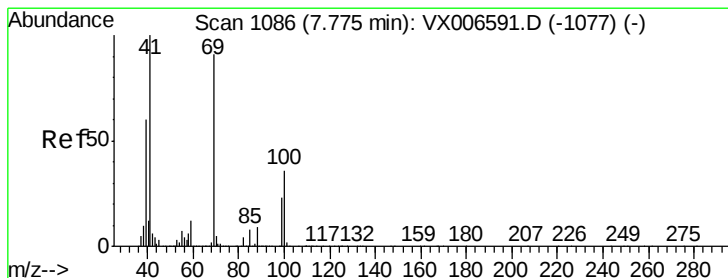
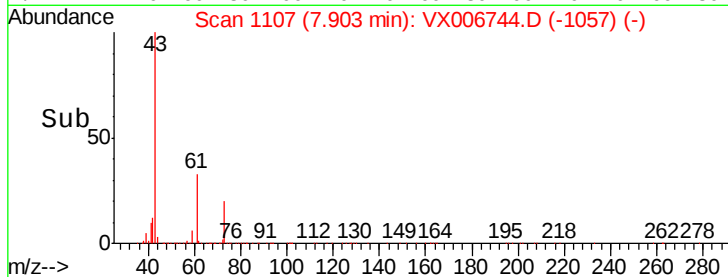
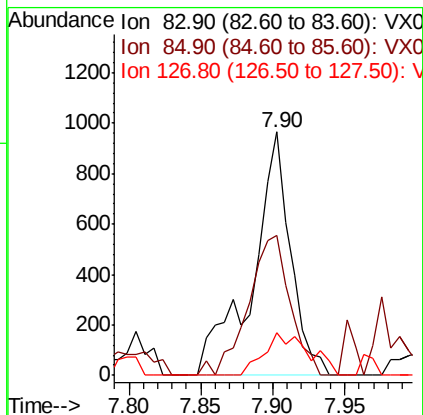
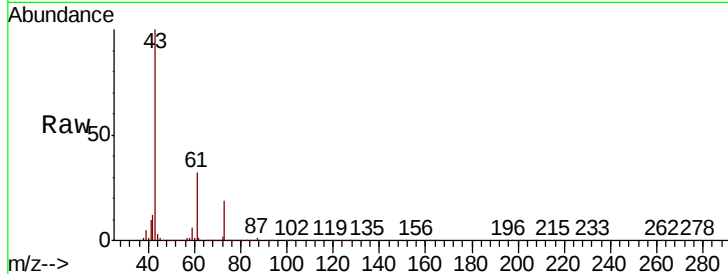
Instrument :

MSVOA_X

ClientSampleId :

HD-01-122018

Tot Ion:	83	Resp:	1774
Ion	Ratio	Lower	Upper
83	100		
85	57.3	53.2	79.8
127	17.5	7.8	11.6#



#48

Methyl methacrylate

Concen: 2.510 ug/l

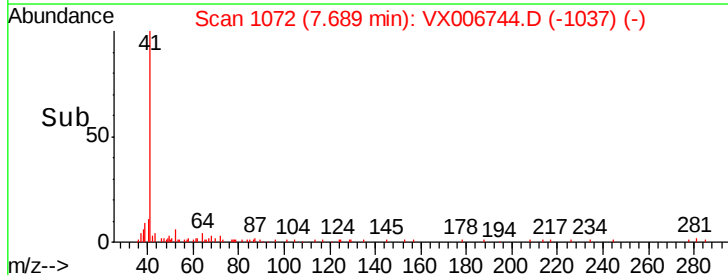
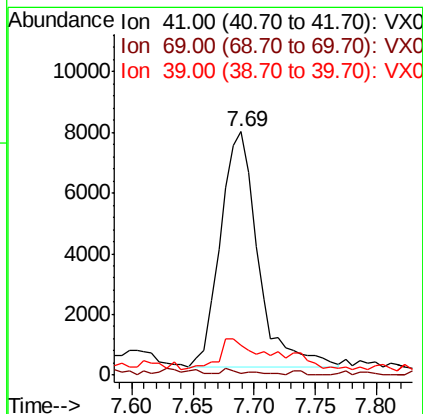
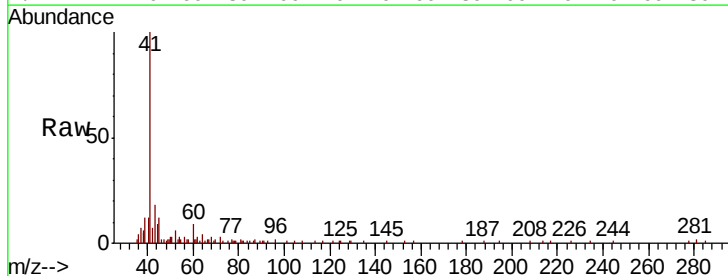
RT: 7.69 min Scan# 1072

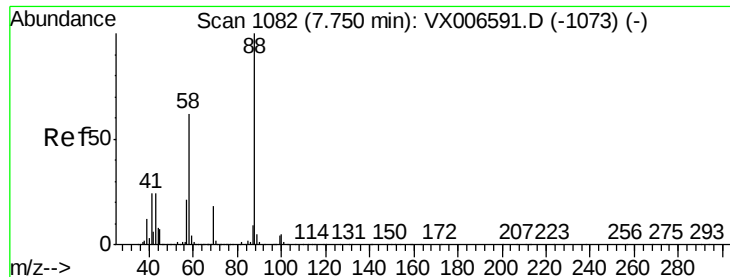
Delta R.T. -0.09 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Tgt Ion:	41	Resp:	16549
Ion	Ratio	Lower	Upper
41	100		
69	0.6	72.4	108.6#
39	0.0	45.8	68.8#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

HD-01-122018

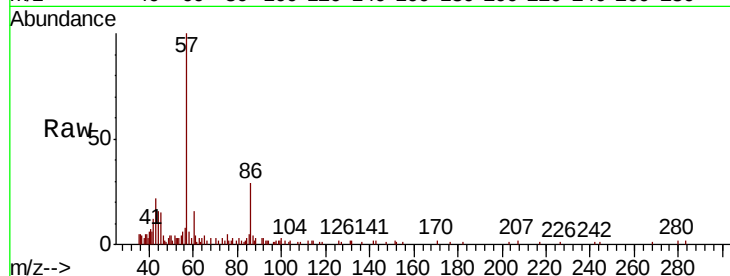
Tot Ion: 88 Resp: 81

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

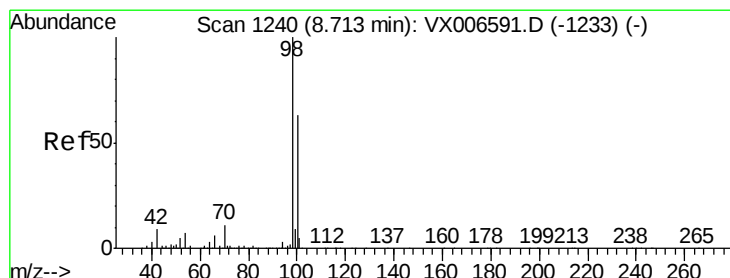
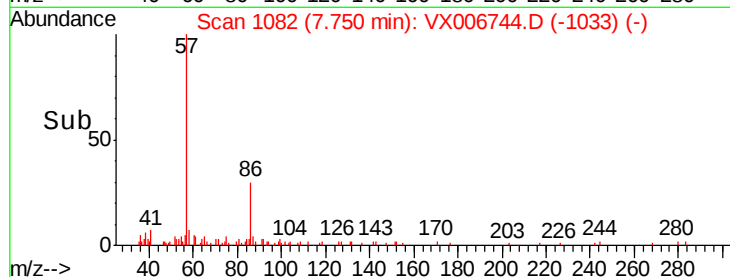
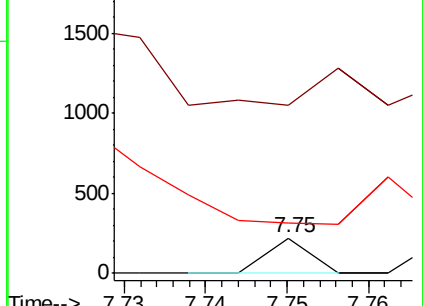
58 1337.0 51.0 76.4#



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: 49.204 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006744.D

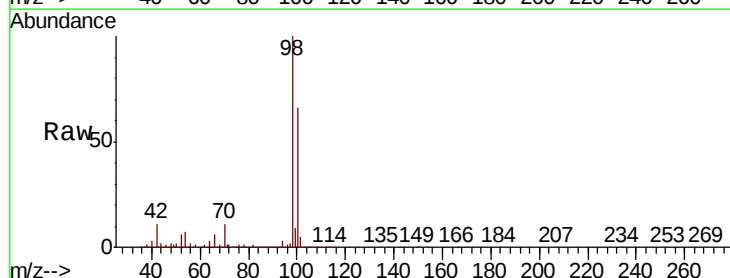
Acq: 22 Dec 2018 01:18

Tgt Ion: 98 Resp: 1159464

Ion Ratio Lower Upper

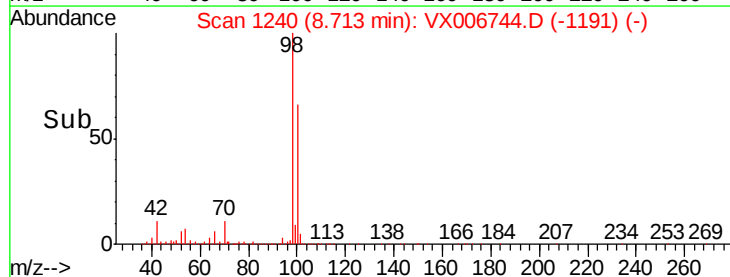
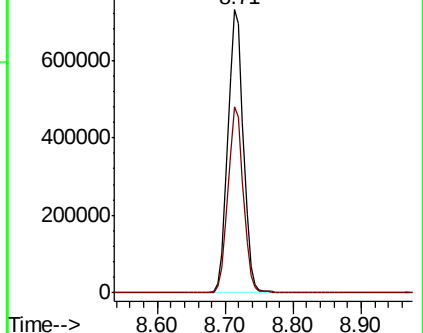
98 100

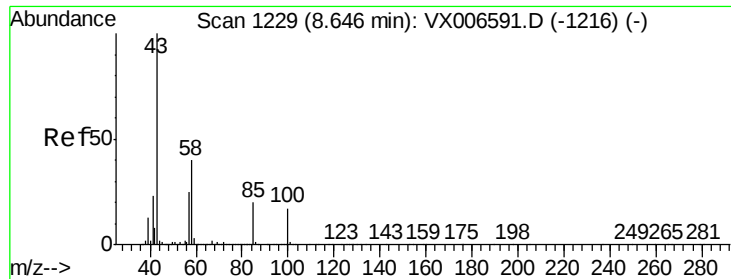
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

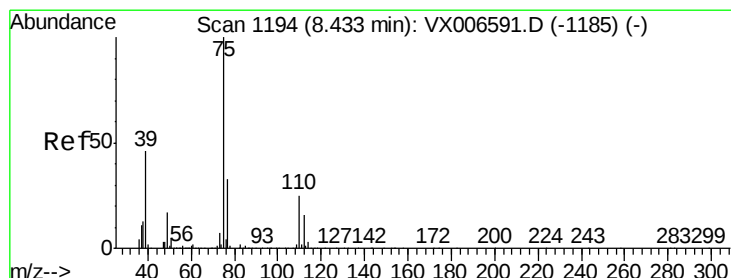
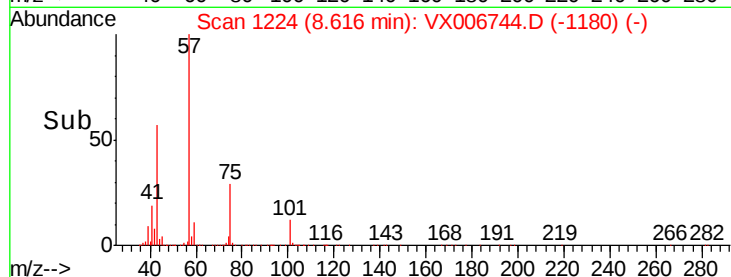
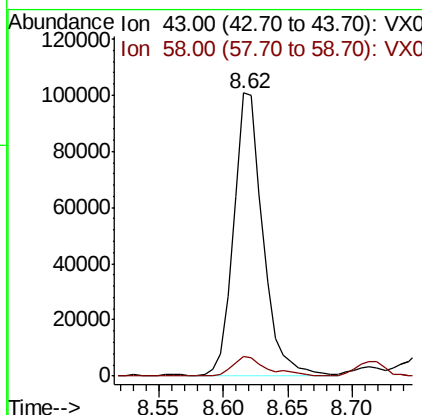
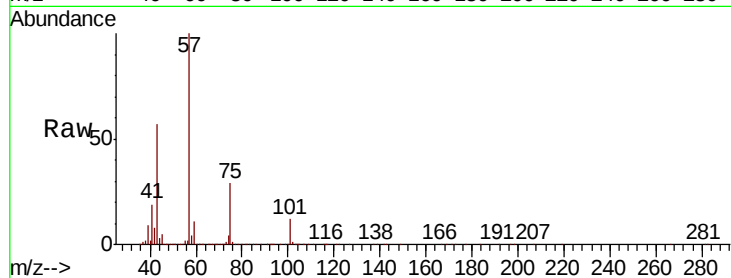




#51
 4-Methyl-2-Pentanone
 Concen: 19.164 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. -0.03 min
 Lab File: VX006744.D
 Acq: 22 Dec 2018 01:18

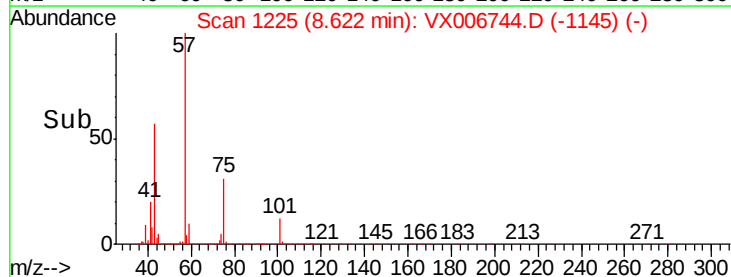
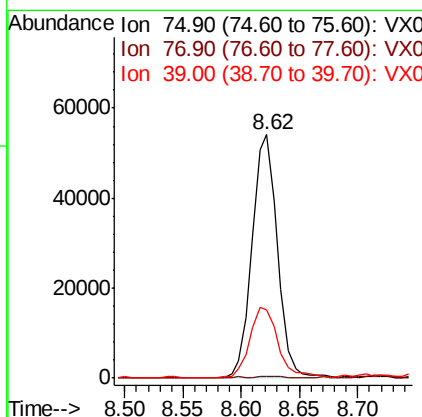
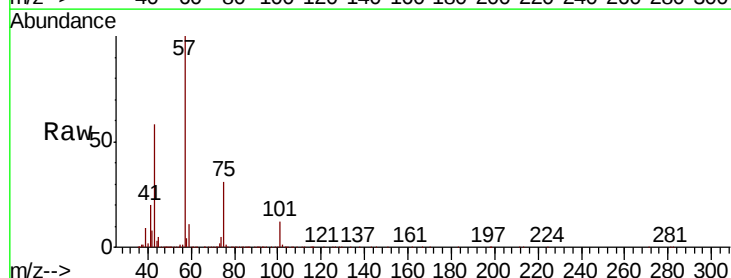
Instrument :
 MSVOA_X
 ClientSampleId :
 HD-01-122018

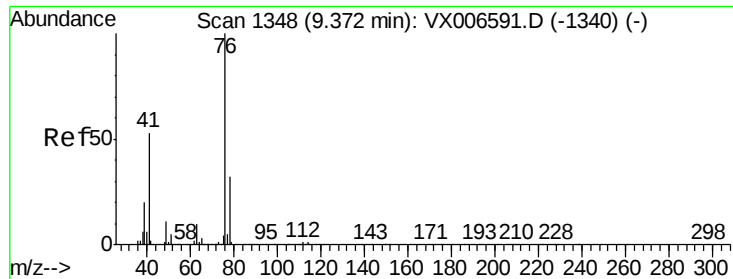
Tot Ion: 43 Resp: 158076
 Ion Ratio Lower Upper
 43 100
 58 8.2 31.8 47.6#



#54
 cis-1,3-Dichloropropene
 Concen: 9.479 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.19 min
 Lab File: VX006744.D
 Acq: 22 Dec 2018 01:18

Tgt Ion: 75 Resp: 82483
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.2 39.2#
 39 27.7 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.748 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

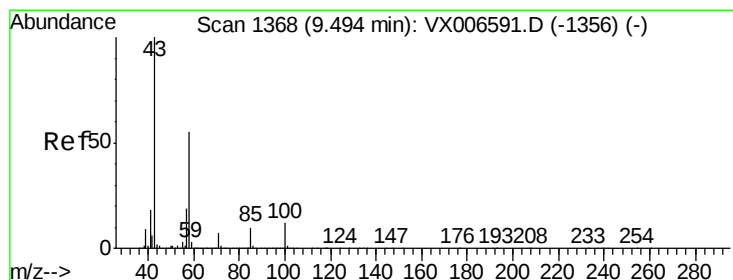
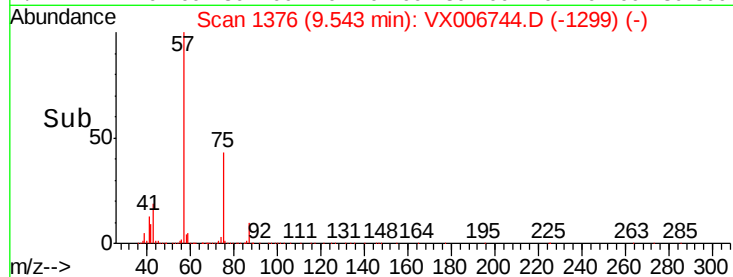
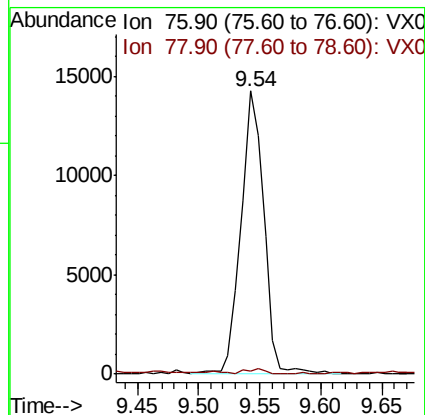
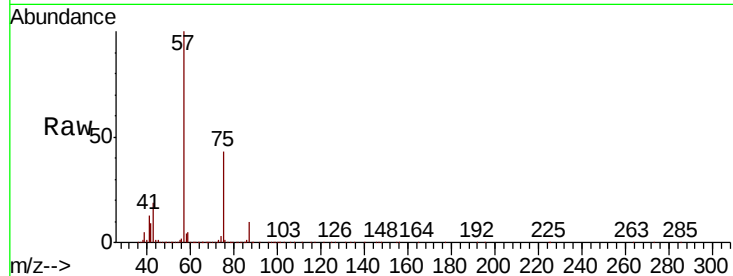
HD-01-122018

Tot Ion: 76 Resp: 18507

Ion Ratio Lower Upper

76 100

78 1.6 26.0 39.0#



#59

2-Hexanone

Concen: 37.757 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006744.D

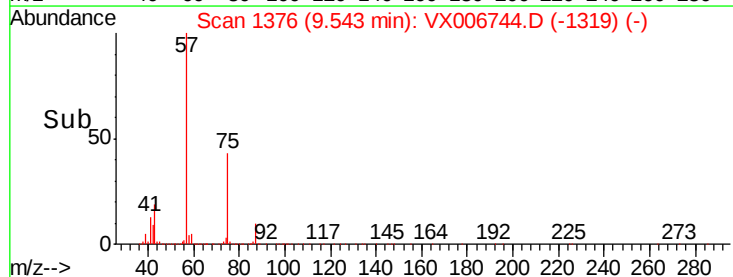
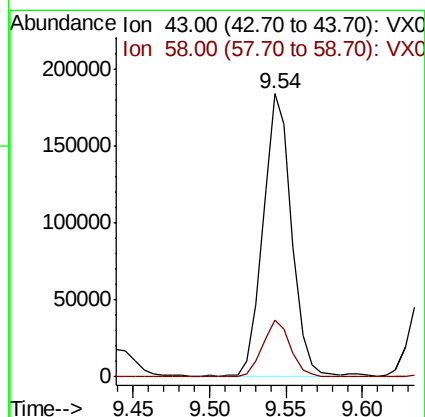
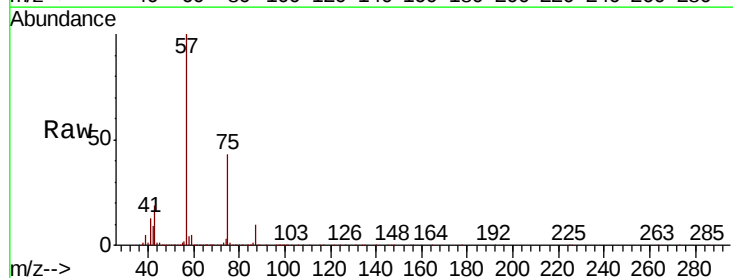
Acq: 22 Dec 2018 01:18

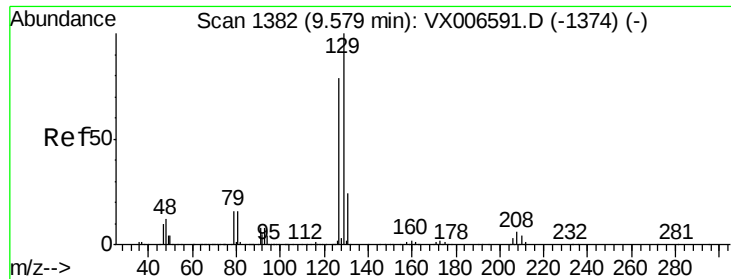
Tgt Ion: 43 Resp: 238294

Ion Ratio Lower Upper

43 100

58 19.8 27.7 83.1#





#60

Dibromochloromethane

Concen: 2.332 ug/l

RT: 9.78 min Scan# 1415

Delta R.T. 0.20 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

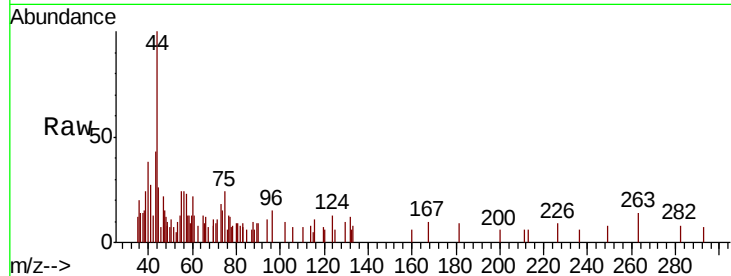
HD-01-122018

Tot Ion:129 Resp: 56

Ion Ratio Lower Upper

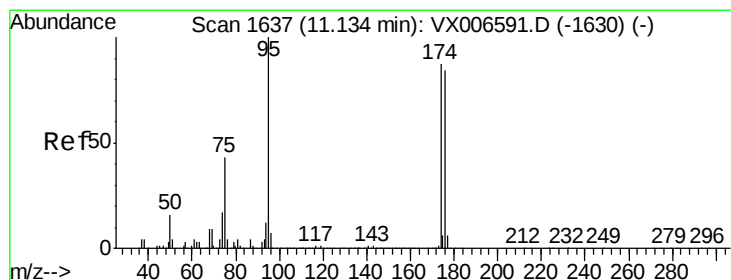
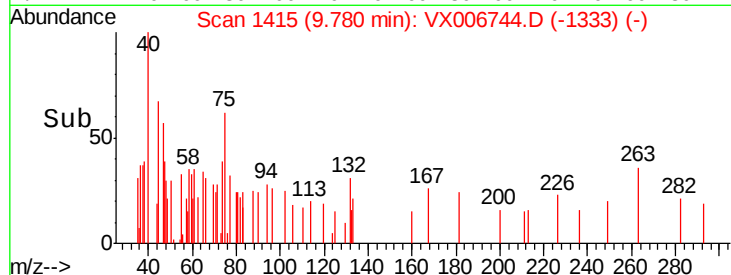
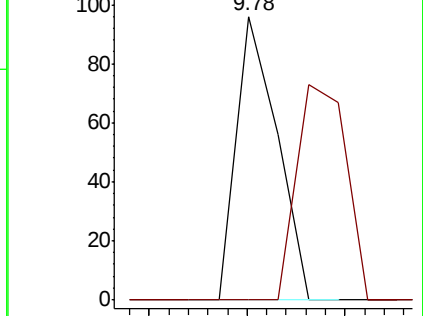
129 100

127 91.1 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.605 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

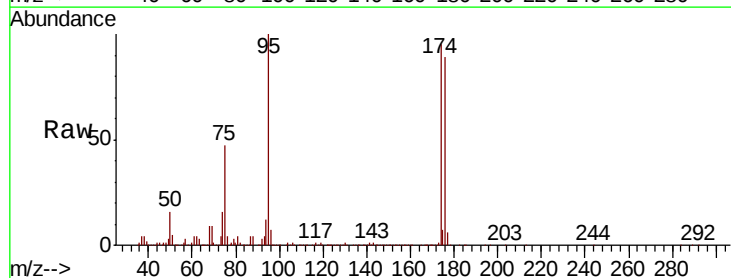
Tgt Ion: 95 Resp: 402217

Ion Ratio Lower Upper

95 100

174 89.6 0.0 182.2

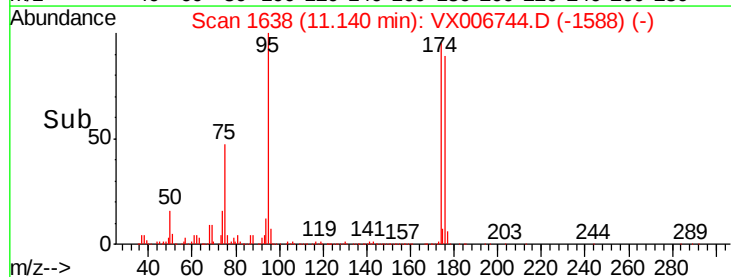
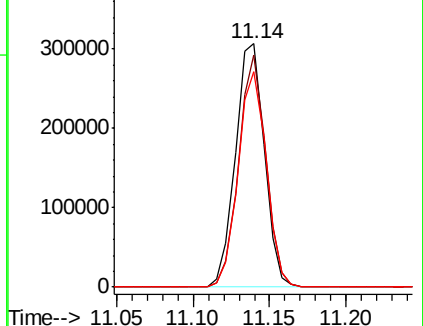
176 86.4 0.0 178.8

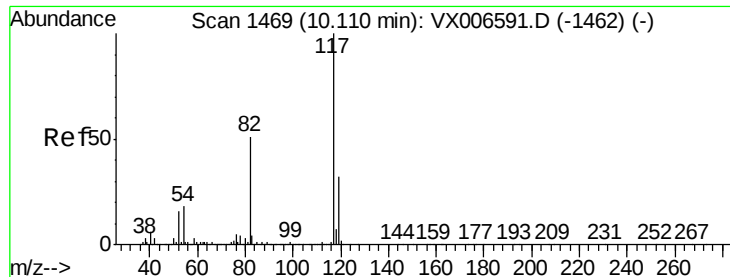


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

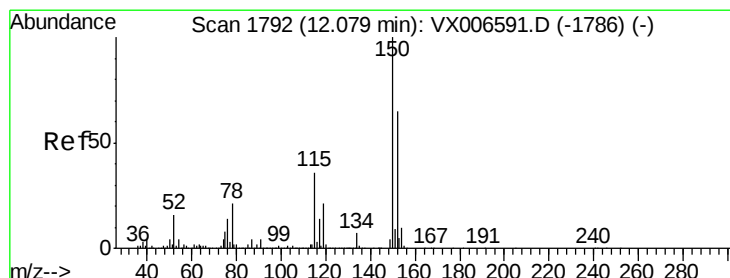
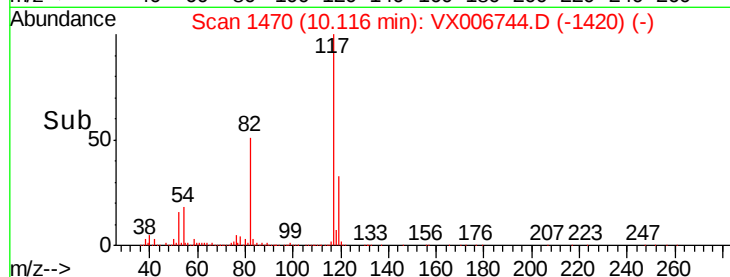
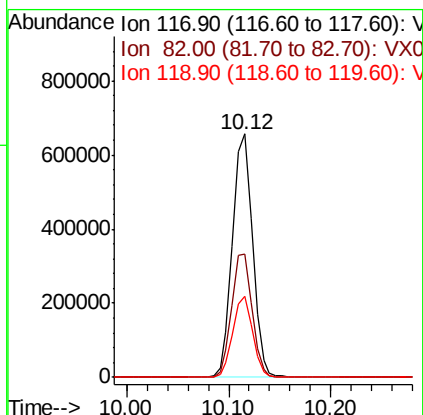
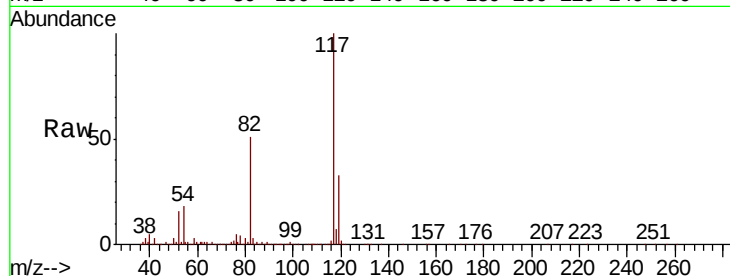




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

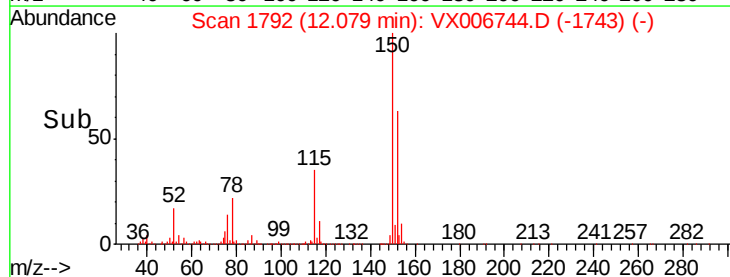
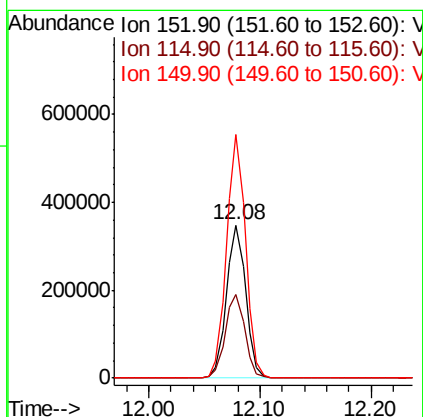
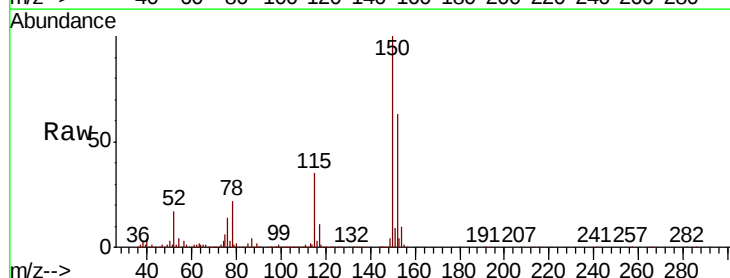
Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

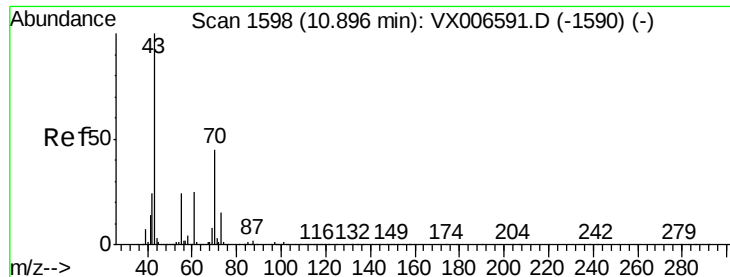
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.0	61.6
119	33.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006744.D
Acq: 22 Dec 2018 01:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.1	117.2
150	157.7	0.0	344.8





#74

N-amvl acetate

Concen: 2.387 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

HD-01-122018

Tot Ion: 43 Resp: 24305

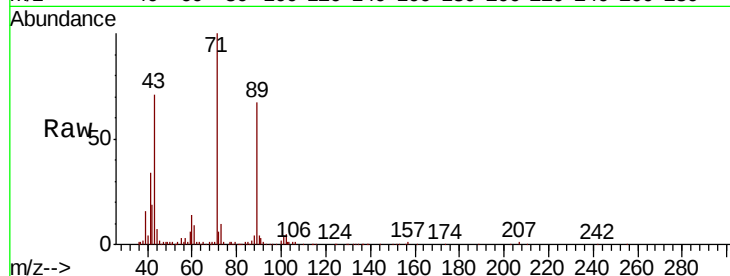
Ion Ratio Lower Upper

43 100

70 3.2 35.8 53.8#

55 3.8 19.4 29.0#

61 11.8 20.1 30.1#

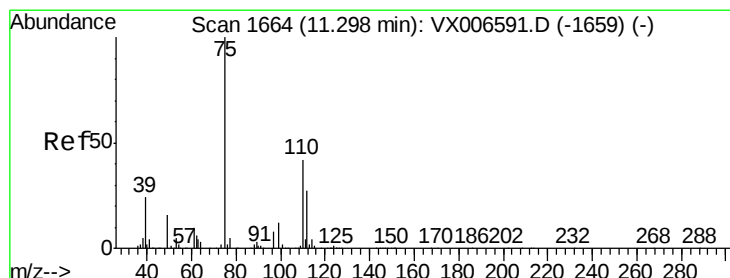
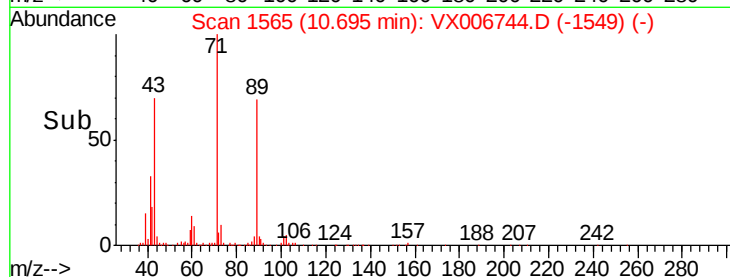
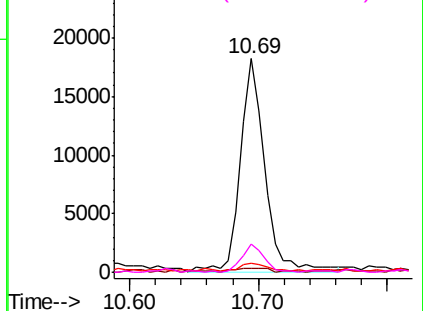


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006744.D

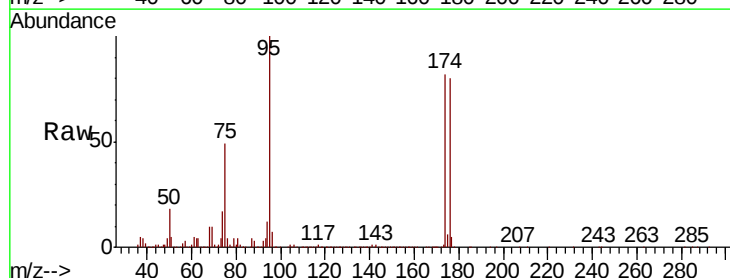
Acq: 22 Dec 2018 01:18

Tgt Ion: 75 Resp: 189491

Ion Ratio Lower Upper

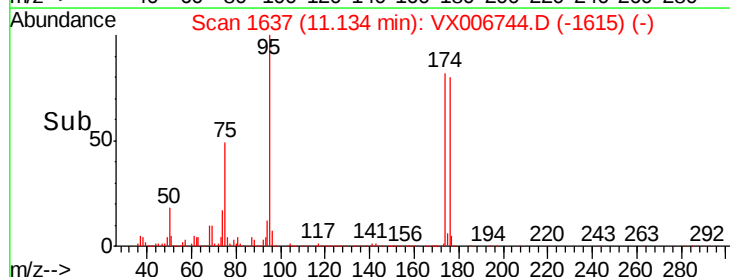
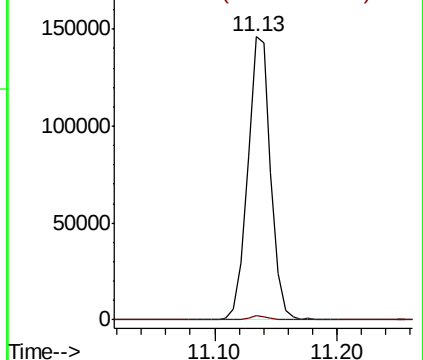
75 100

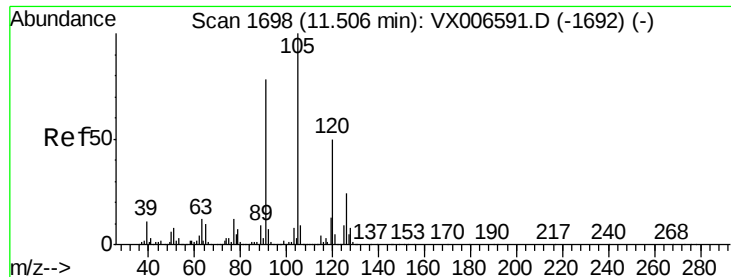
77 1.4 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

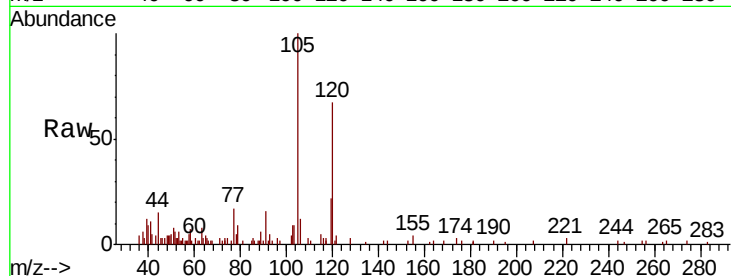
HD-01-122018

Tot Ion:105 Resp: 5978

Ion Ratio Lower Upper

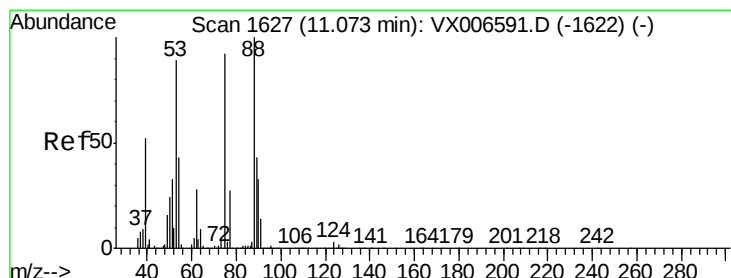
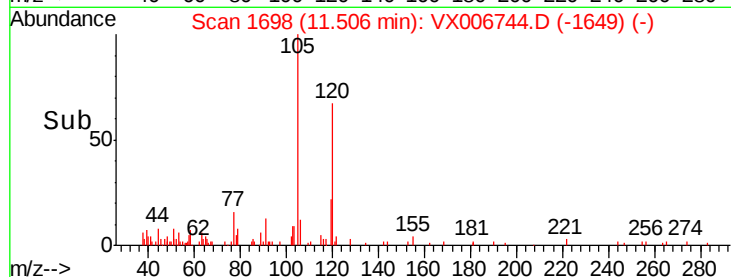
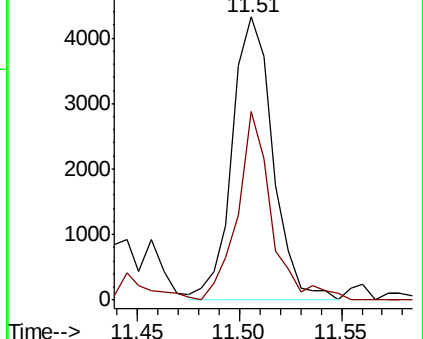
105 100

120 55.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 72.532 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

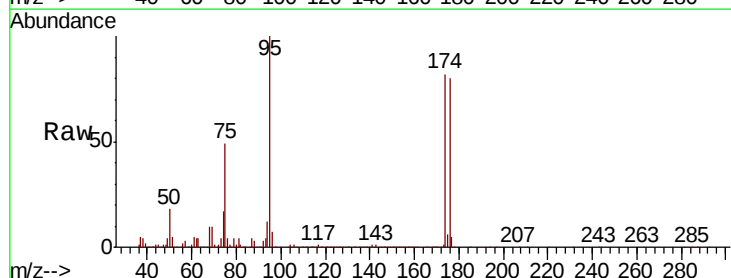
Tgt Ion: 75 Resp: 189491

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

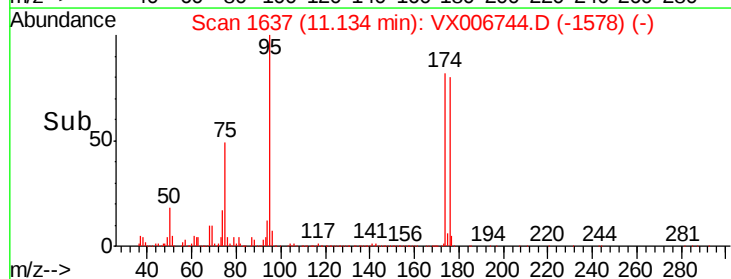
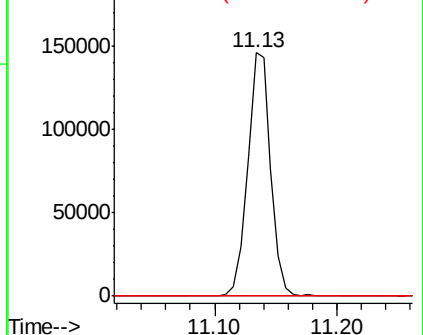
89 0.1 38.0 57.0#

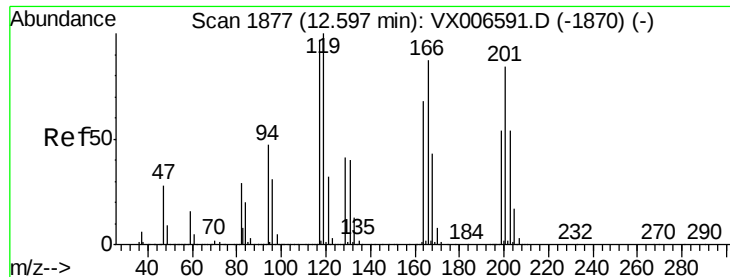


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#90

Hexachloroethane

Concen: 3.333 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

Instrument :

MSVOA_X

ClientSampleId :

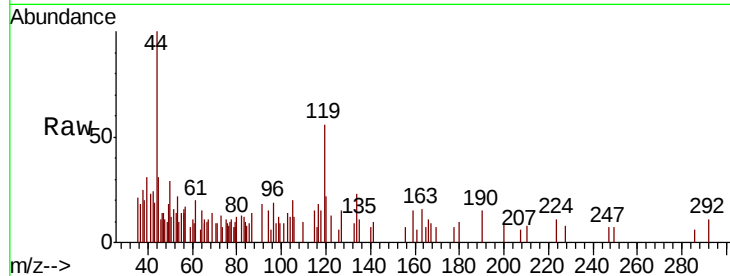
HD-01-122018

Tot Ion:117 Resp: 169

Ion Ratio Lower Upper

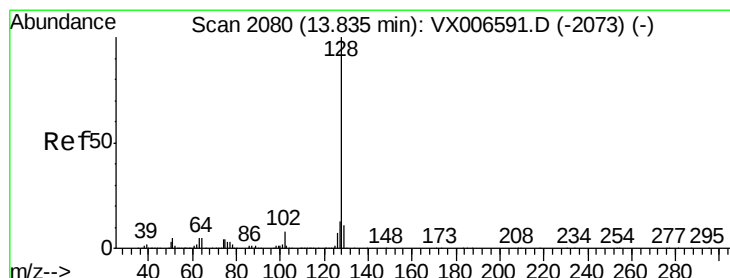
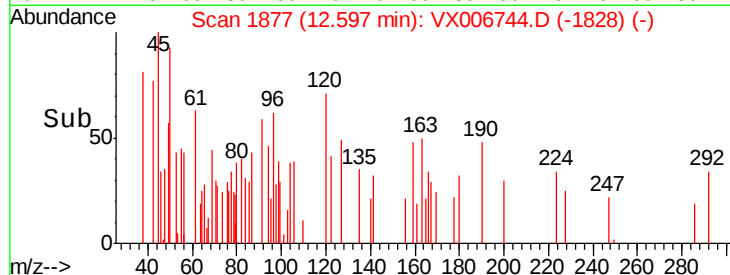
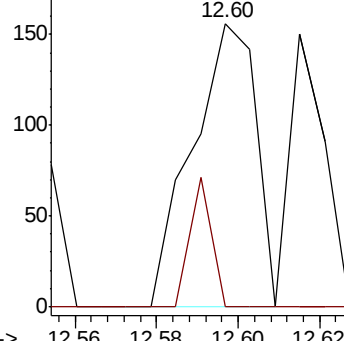
117 100

201 15.4 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.548 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006744.D

Acq: 22 Dec 2018 01:18

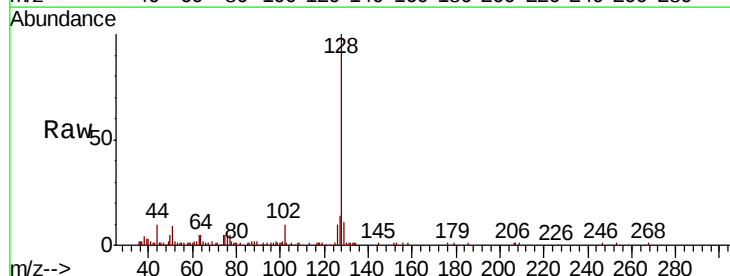
Tgt Ion:128 Resp: 16745

Ion Ratio Lower Upper

128 100

127 16.2 10.1 15.1#

129 12.8 8.6 13.0



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

