

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007268.D
 Acq On : 28 Jan 2019 18:32
 Operator : JC/SP
 Sample : K1250-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3

Quant Time: Jan 29 00:20:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	420927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	518269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150073	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	86132	19.58	ug/l	0.00
Spiked Amount			Recovery	=	39.16%	
35) Dibromofluoromethane	5.51	113	117920	35.53	ug/l	0.00
Spiked Amount			Recovery	=	71.06%	
50) Toluene-d8	8.72	98	581663	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.13	95	140359	33.14	ug/l	0.00
Spiked Amount			Recovery	=	66.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	903	0.224	ug/l	94
6) Chloroethane	1.73	64	804	0.266	ug/l #	60
11) Tert butyl alcohol	3.06	59	8747	8.429	ug/l	95
13) Acrolein	2.32	56	426	4.024	ug/l #	13
16) Acetone	2.45	43	24401	11.220	ug/l #	88
17) Carbon Disulfide	2.58	76	2290	0.230	ug/l #	80
18) Methyl Acetate	2.78	43	1925	0.306	ug/l	92
20) Methylene Chloride	2.86	84	5095	0.673	ug/l #	89
25) 2-Butanone	4.70	43	11450	3.680	ug/l	93
29) Tetrahydrofuran	5.19	42	423	0.209	ug/l	96
31) Cyclohexane	5.59	56	2194	0.354	ug/l #	85
36) 1,1-Dichloropropene	5.67	75	27484	6.100	ug/l #	45
37) Ethyl Acetate	4.87	43	3019	0.625	ug/l #	79
38) Carbon Tetrachloride	5.67	117	37312	8.230	ug/l #	15
39) Methylcyclohexane	7.48	83	4503	0.784	ug/l	86
41) Methacrylonitrile	5.08	41	653	0.235	ug/l #	57
49) 1,4-Dioxane	7.76	88	58	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1869	0.382	ug/l #	74
52) Toluene	8.79	92	3698	0.418	ug/l	89
59) 2-Hexanone	9.51	43	1681	0.450	ug/l	96
67) Ethyl Benzene	10.25	91	7059	0.532	ug/l #	83
68) m/p-Xylenes	10.36	106	3492	0.668	ug/l	91
69) o-Xylene	10.70	106	1878	0.368	ug/l	98
71) Bromoform	10.79	173	42	4.743	ug/l #	28
73) Isopropylbenzene	11.02	105	2337	0.221	ug/l	81
76) 1,2,3-Trichloropropane	11.13	75	68234	22.437	ug/l #	40
78) n-propylbenzene	11.36	91	3009	0.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	3409	0.386	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	68234	66.371	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	7053	0.793	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	707	0.286	ug/l #	1
89) n-Butylbenzene	12.16	91	5093	0.634	ug/l	84
90) Hexachloroethane	12.60	117	480	3.209	ug/l #	6
95) Naphthalene	13.83	128	5344	0.494	ug/l #	89

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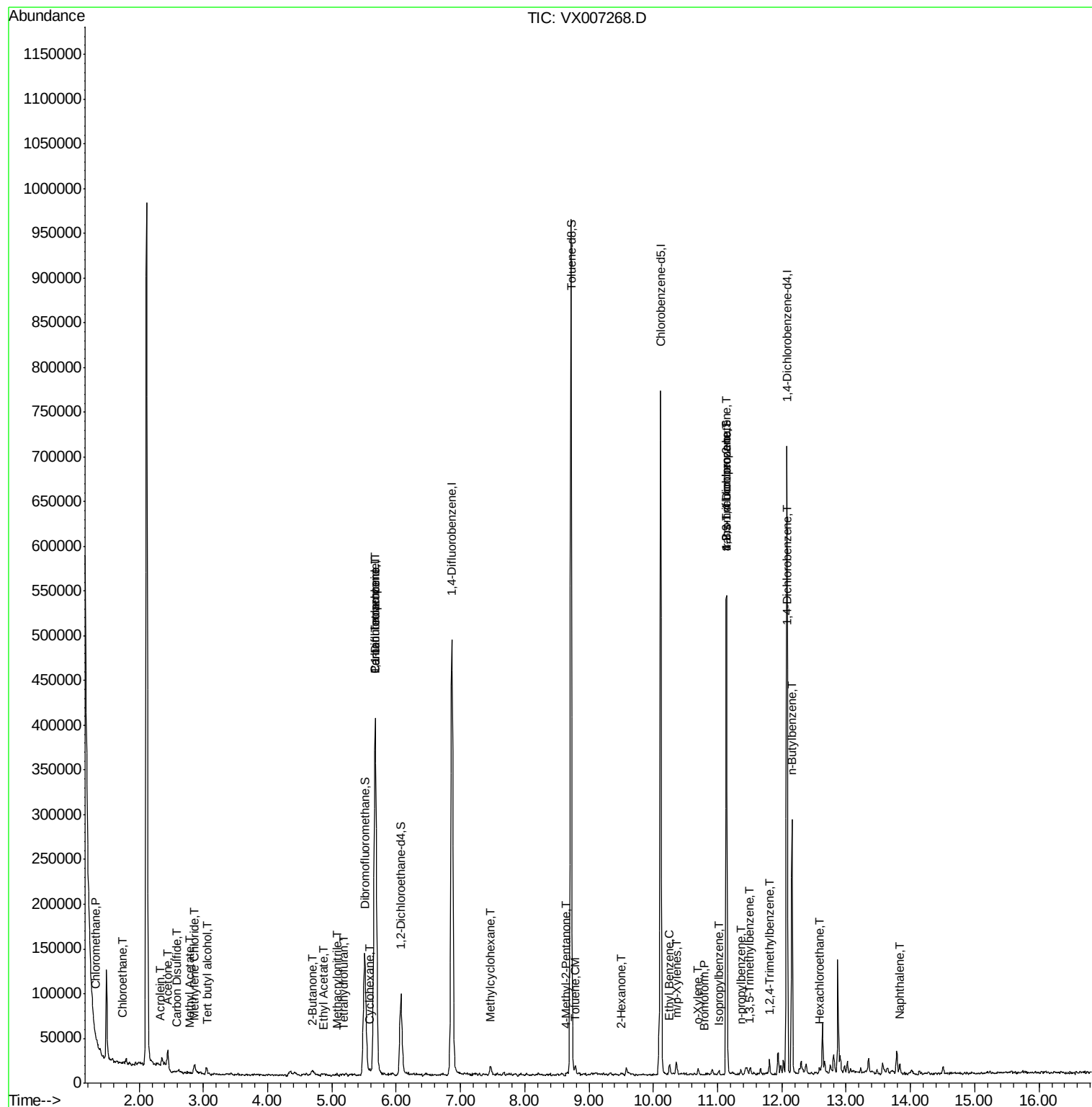
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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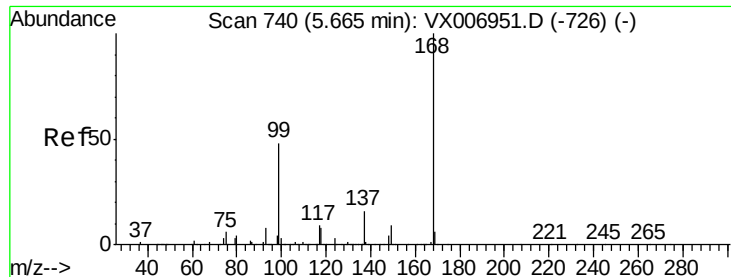
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

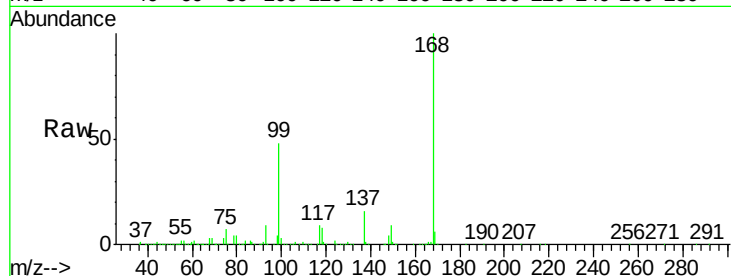
DRUM-1-3

Tot Ion:168 Resp: 420927

Ion Ratio Lower Upper

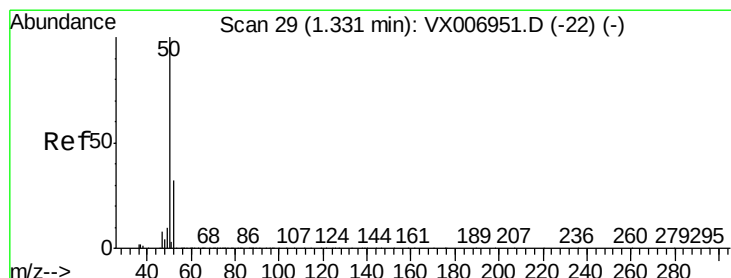
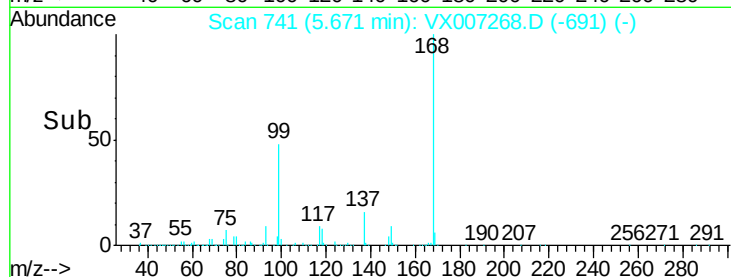
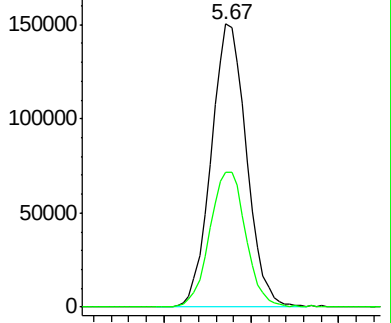
168 100

99 47.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.224 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007268.D

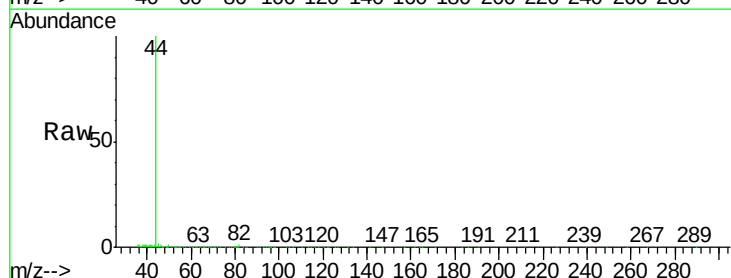
Acq: 28 Jan 2019 18:32

Tgt Ion: 50 Resp: 903

Ion Ratio Lower Upper

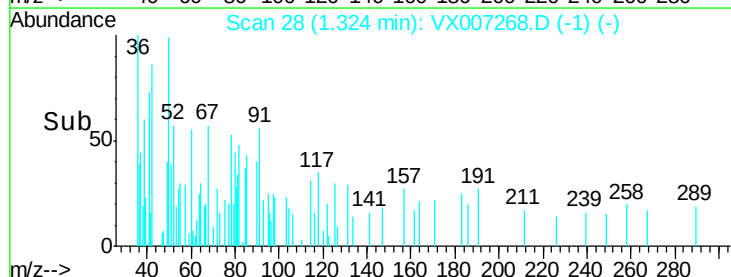
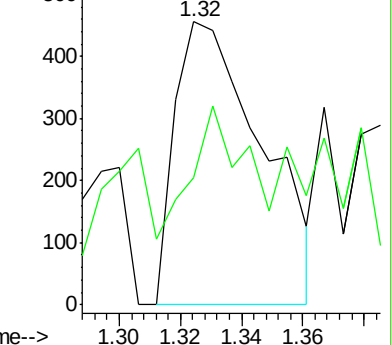
50 100

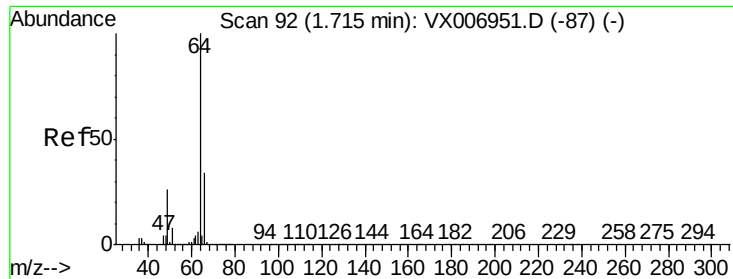
52 35.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.266 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

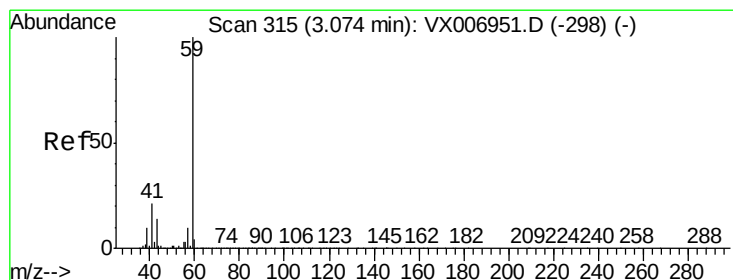
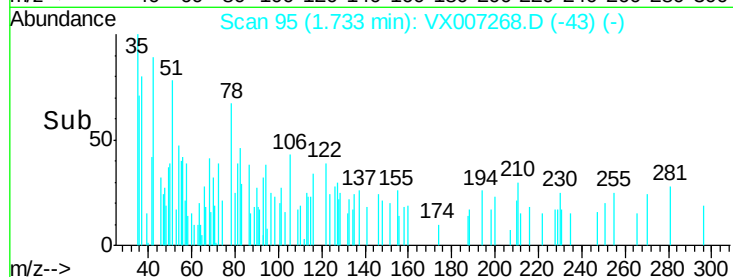
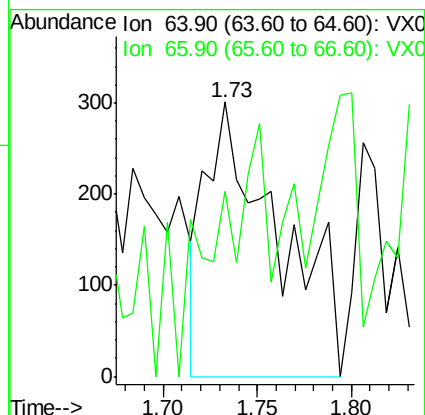
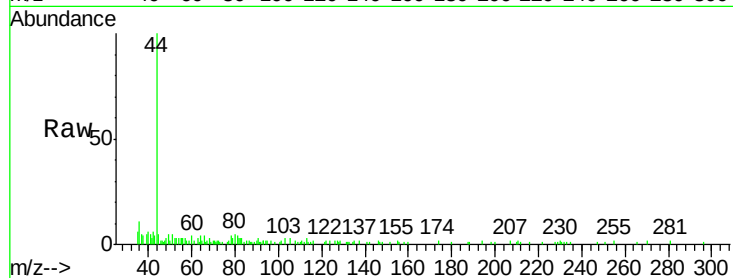
DRUM-1-3

Tot Ion: 64 Resp: 804

Ion Ratio Lower Upper

64 100

66 10.3 26.4 39.6#



#11

Tert butyl alcohol

Concen: 8.429 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX007268.D

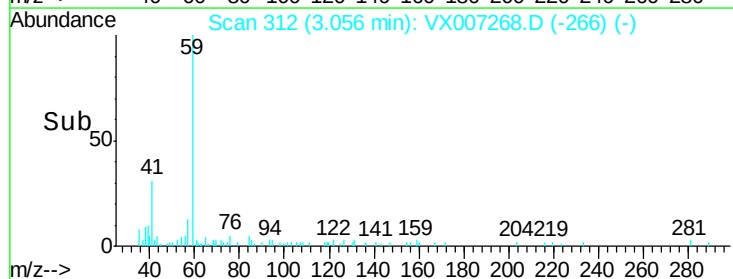
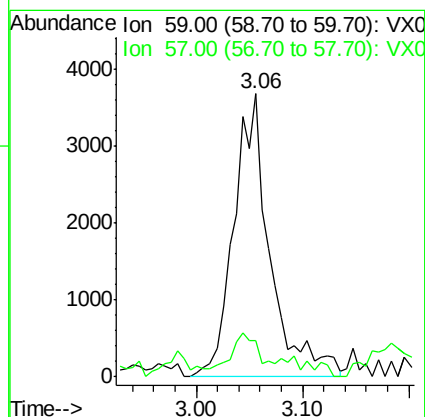
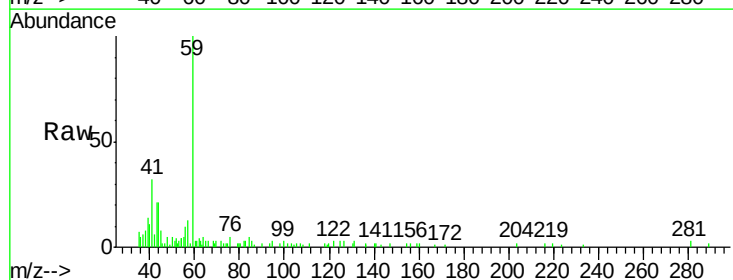
Acq: 28 Jan 2019 18:32

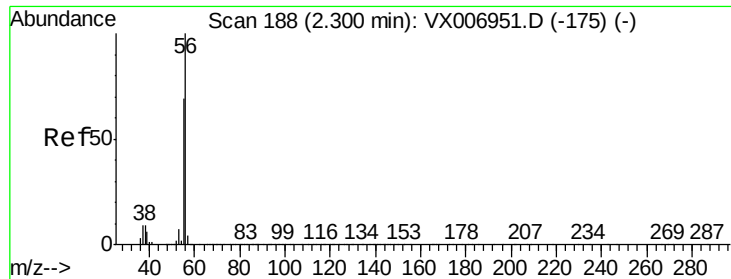
Tgt Ion: 59 Resp: 8747

Ion Ratio Lower Upper

59 100

57 8.9 8.5 12.7

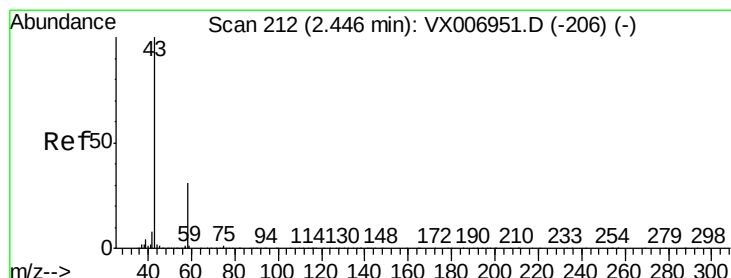
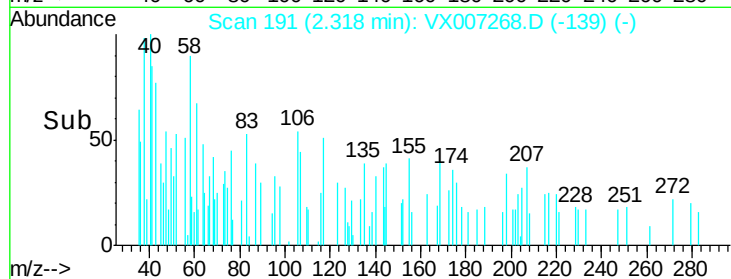
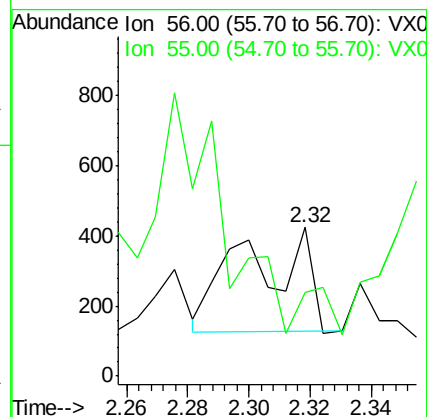
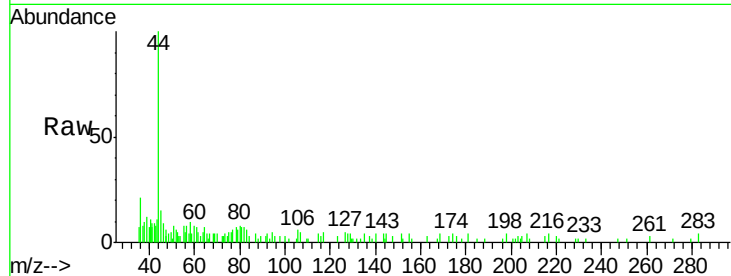




#13
Acrolein
Concen: 4.024 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

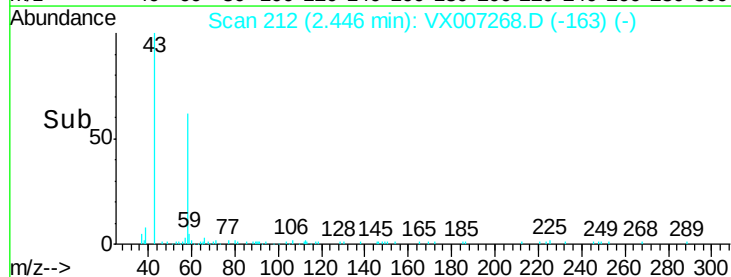
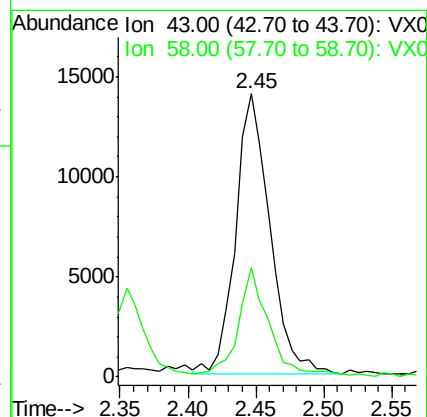
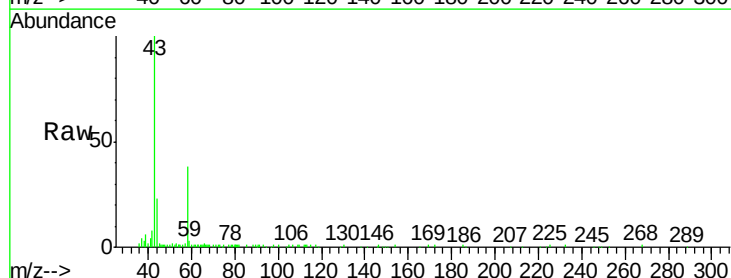
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3

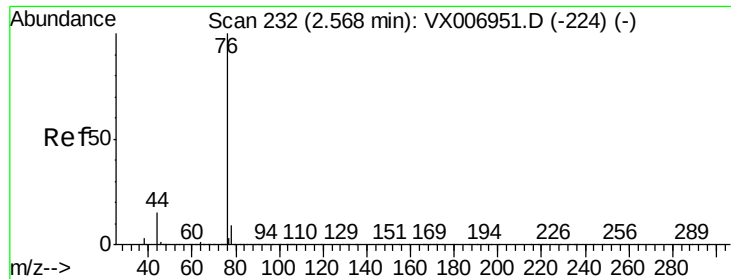
Tot Ion: 56 Resp: 426
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#



#16
Acetone
Concen: 11.220 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Tgt Ion: 43 Resp: 24401
Ion Ratio Lower Upper
43 100
58 38.1 25.0 37.6#





#17

Carbon Disulfide

Concen: 0.230 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

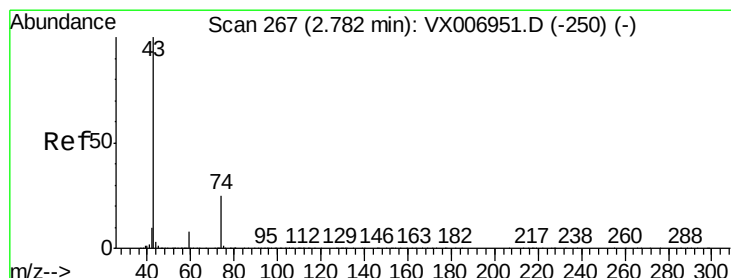
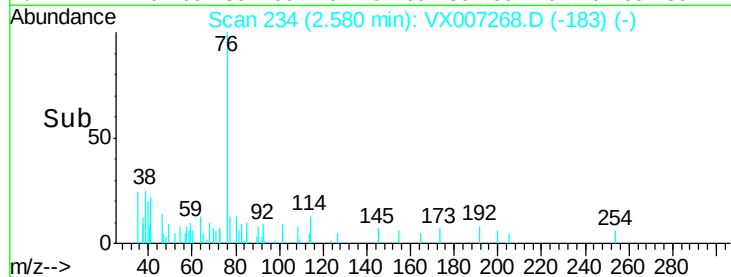
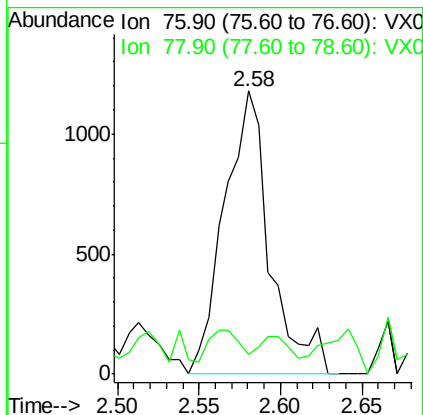
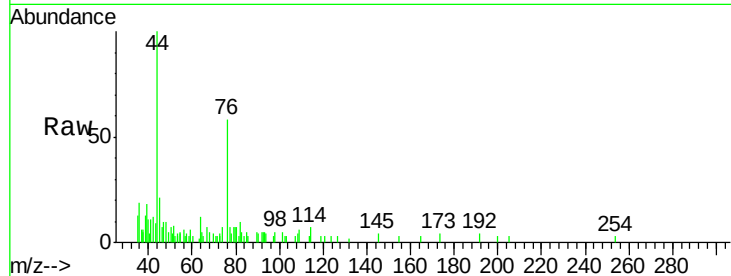
DRUM-1-3

Tot Ion: 76 Resp: 2290

Ion Ratio Lower Upper

76 100

78 1.6 7.0 10.6#



#18

Methyl Acetate

Concen: 0.306 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007268.D

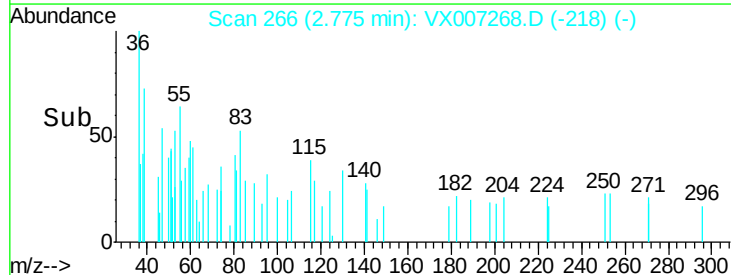
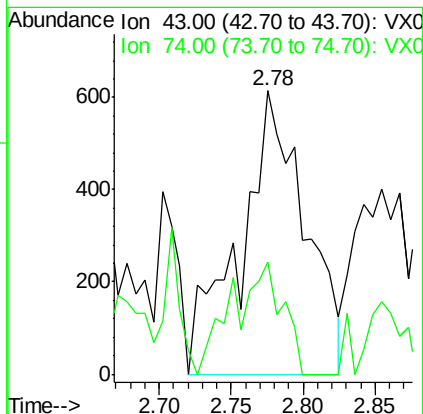
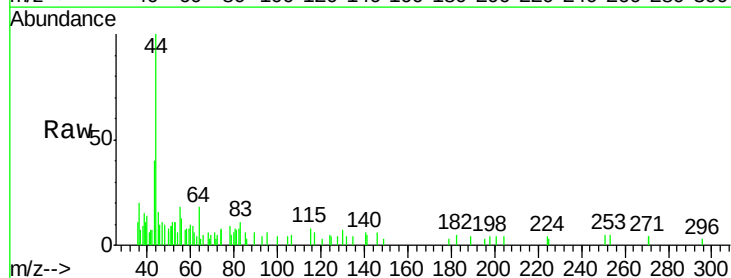
Acq: 28 Jan 2019 18:32

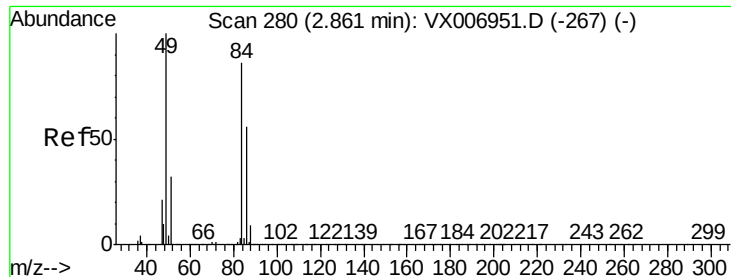
Tgt Ion: 43 Resp: 1925

Ion Ratio Lower Upper

43 100

74 19.2 18.6 28.0

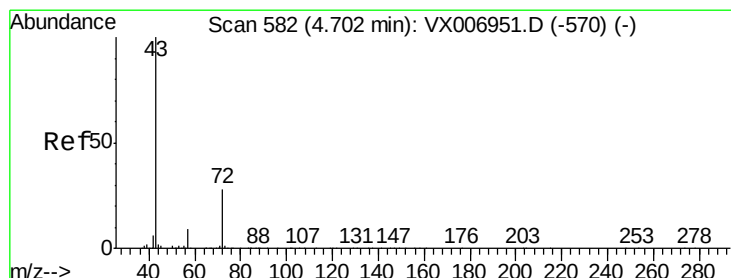
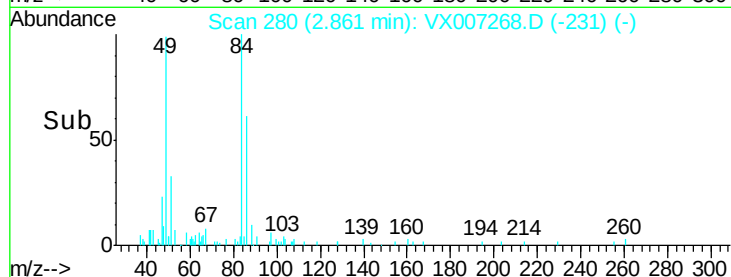
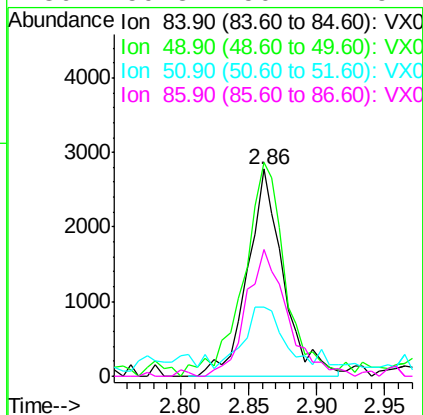
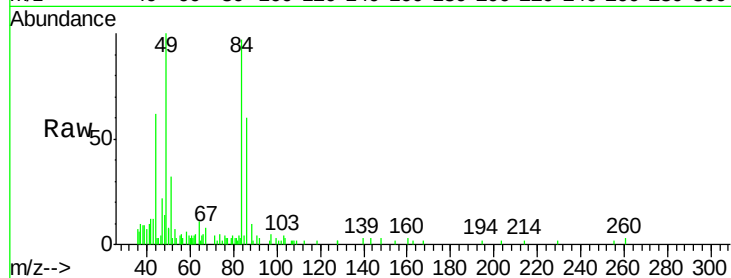




#20
Methylene Chloride
Concen: 0.673 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

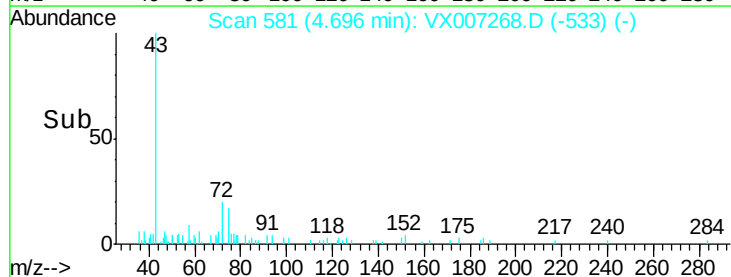
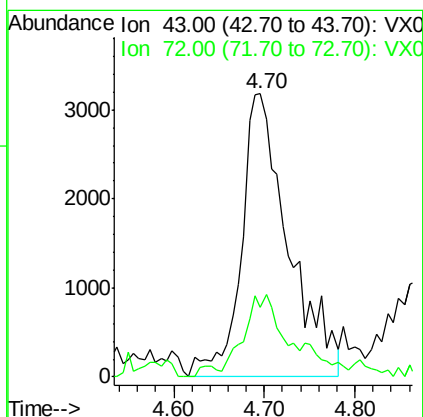
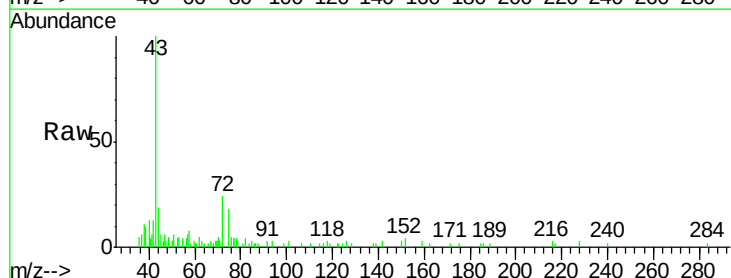
Instrument :
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ClientSampleId :
DRUM-1-3

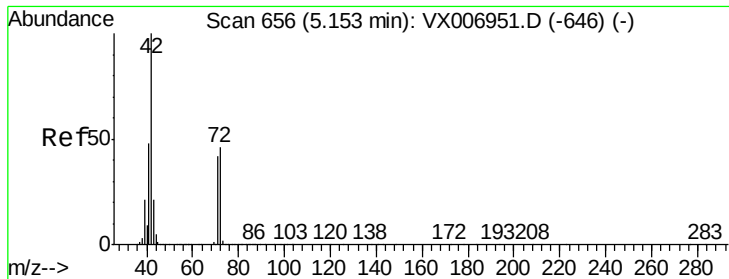
Tot Ion: 84 Resp: 5095
Ion Ratio Lower Upper
84 100
49 99.9 91.8 137.6
51 27.4 28.5 42.7#
86 59.3 50.2 75.2



#25
2-Butanone
Concen: 3.680 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Tgt Ion: 43 Resp: 11450
Ion Ratio Lower Upper
43 100
72 24.4 22.4 33.6





#29

Tetrahydrofuran

Concen: 0.209 ug/l

RT: 5.19 min Scan# 662

Delta R.T. 0.04 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

DRUM-1-3

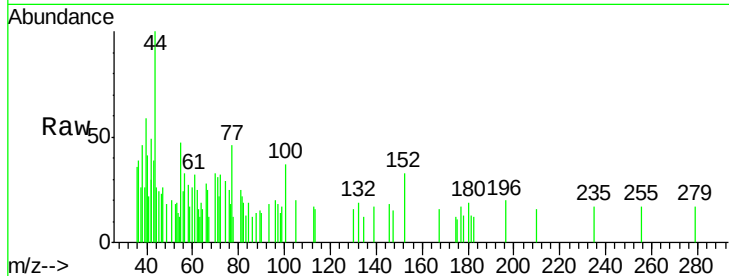
Tot Ion: 42 Resp: 423

Ion Ratio Lower Upper

42 100

72 47.0 38.9 58.3

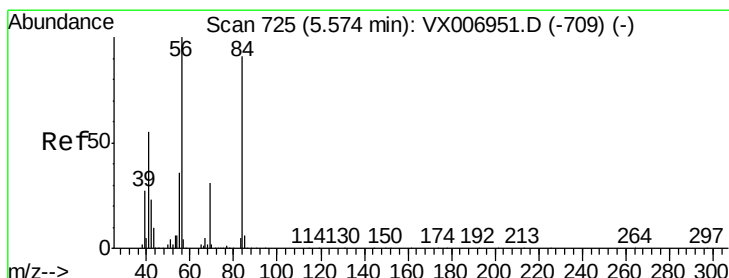
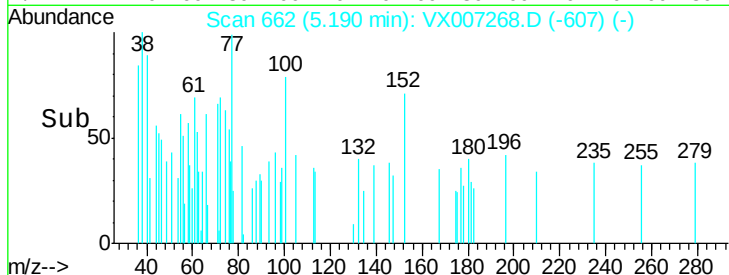
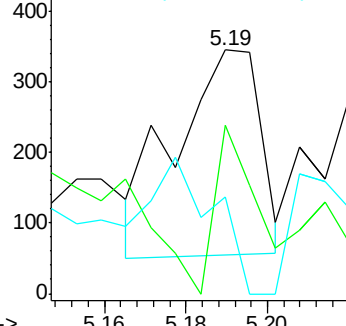
71 48.9 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.354 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.02 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

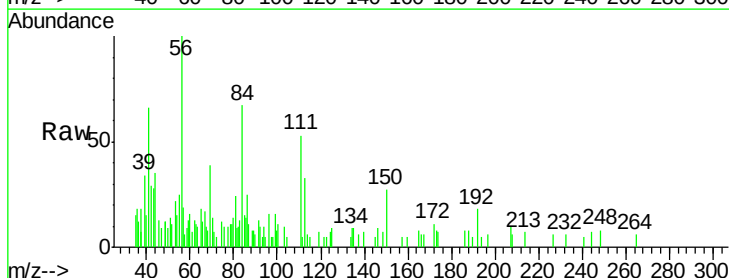
Tgt Ion: 56 Resp: 2194

Ion Ratio Lower Upper

56 100

69 44.6 24.4 36.6#

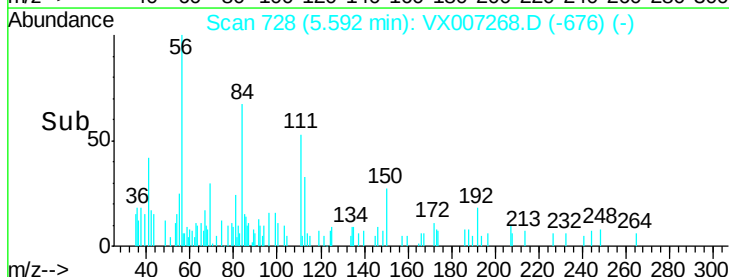
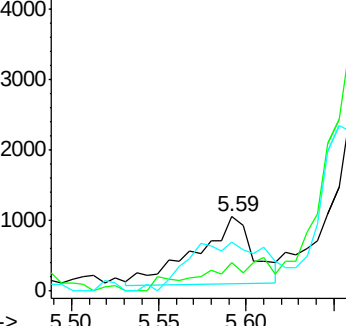
84 76.8 70.0 105.0

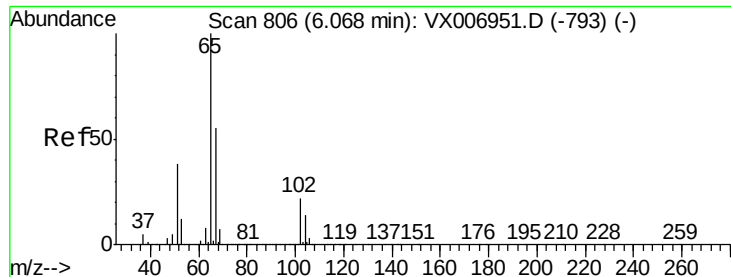


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 19.580 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

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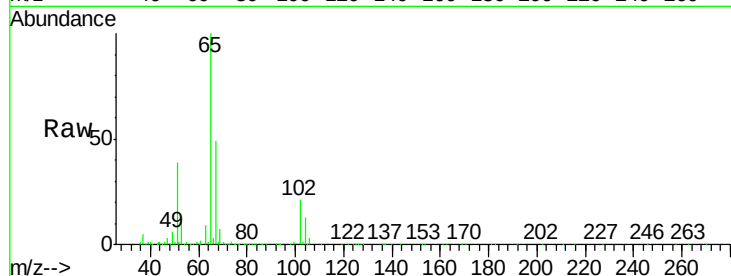
DRUM-1-3

Tot Ion: 65 Resp: 86132

Ion Ratio Lower Upper

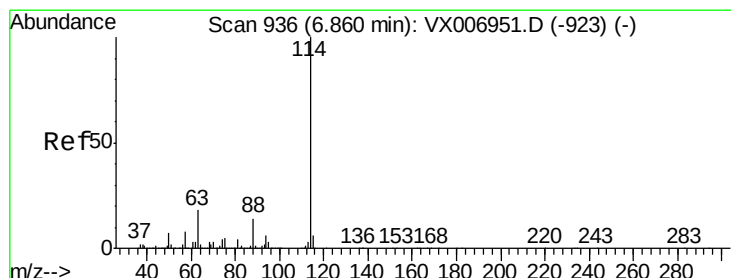
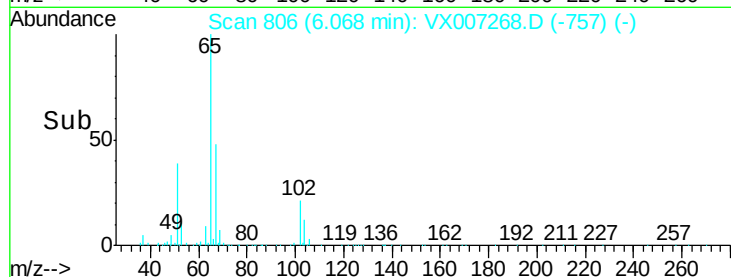
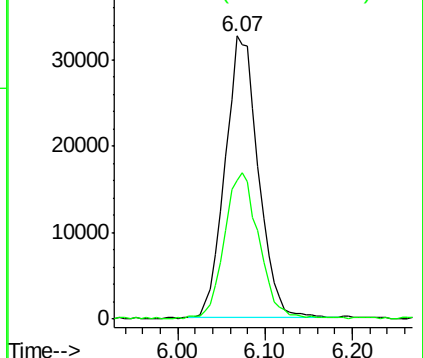
65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

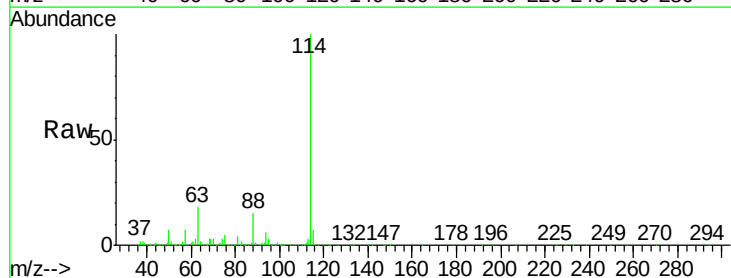
Tgt Ion: 114 Resp: 518269

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

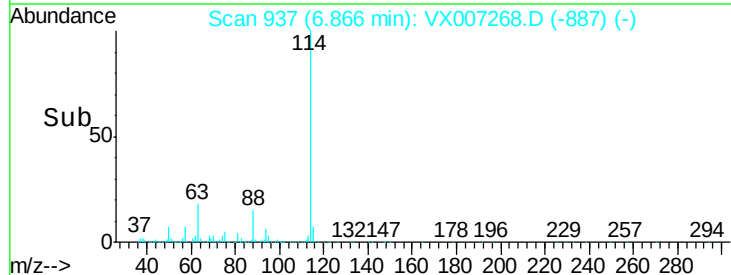
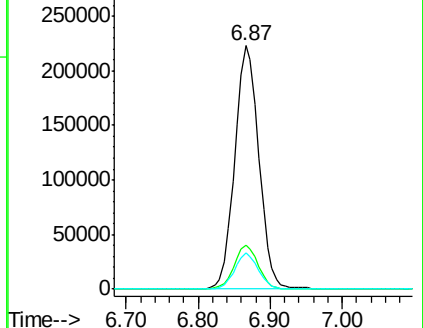
88 14.9 0.0 28.8

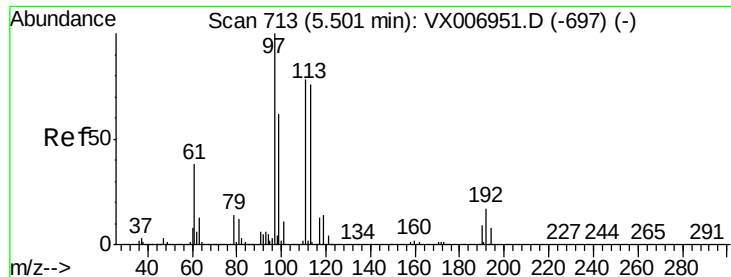


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 35.529 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3

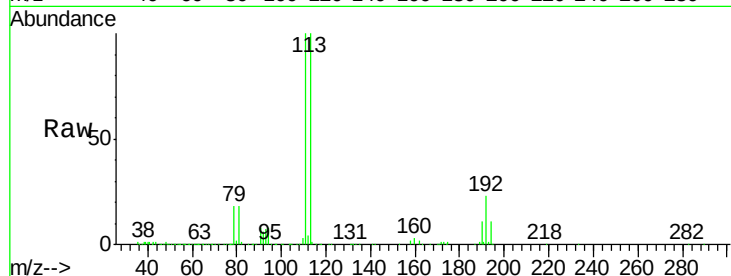
Tot Ion:113 Resp: 117920

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

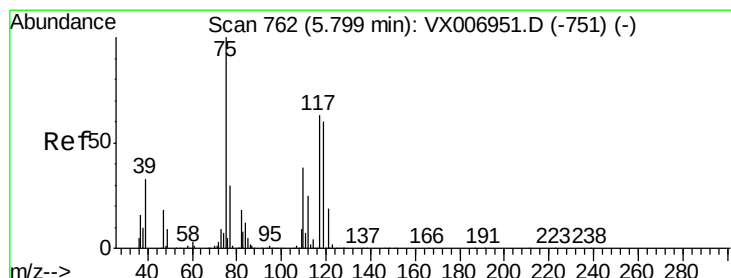
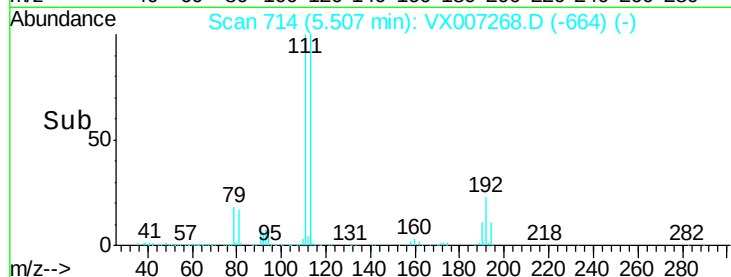
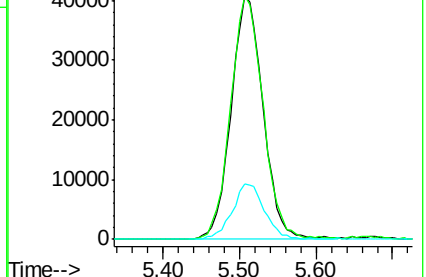
192 23.0 16.7 25.1



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



#36

1,1-Dichloropropene

Concen: 6.100 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

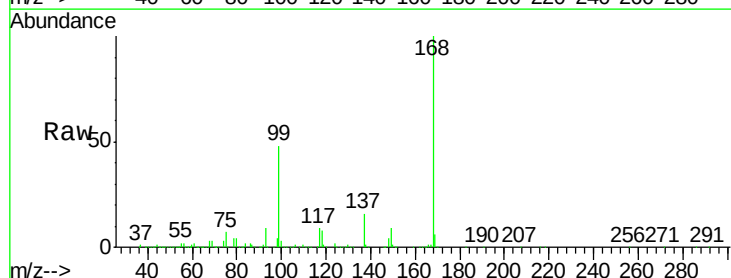
Tgt Ion: 75 Resp: 27484

Ion Ratio Lower Upper

75 100

110 6.2 20.2 60.5#

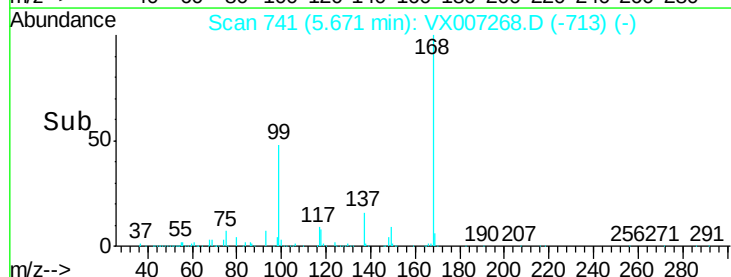
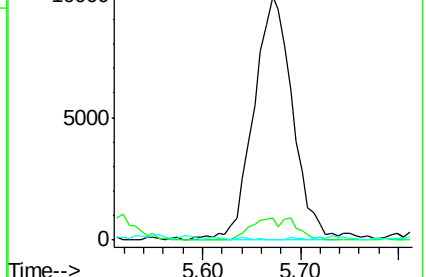
77 0.3 24.8 37.2#

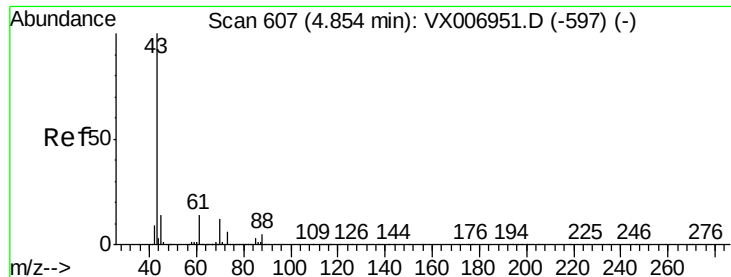


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.625 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

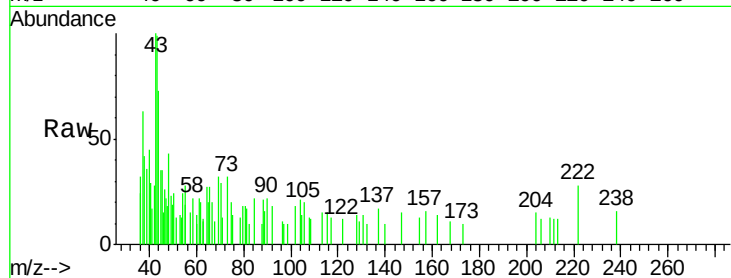
MSVOA_X

ClientSampleId :

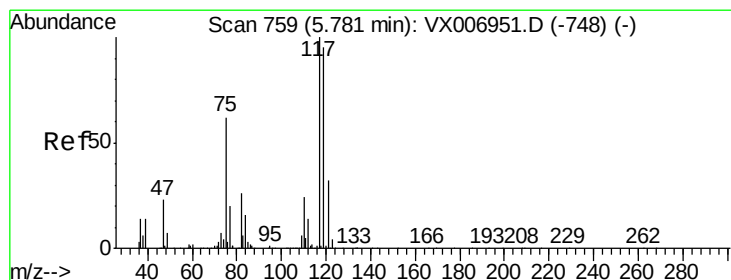
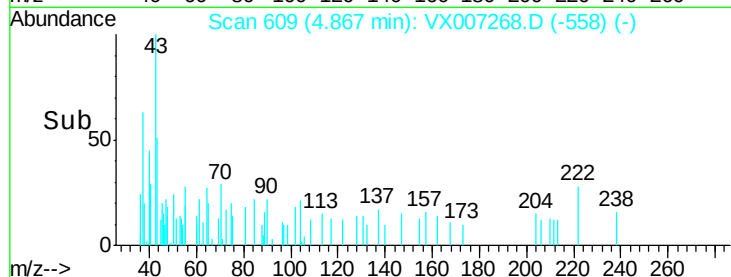
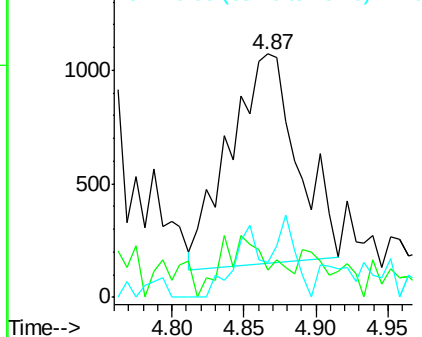
DRUM-1-3

Tot Ion: 43 Resp: 3019

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	10.8	9.7	14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 8.230 ug/l

RT: 5.67 min Scan# 741

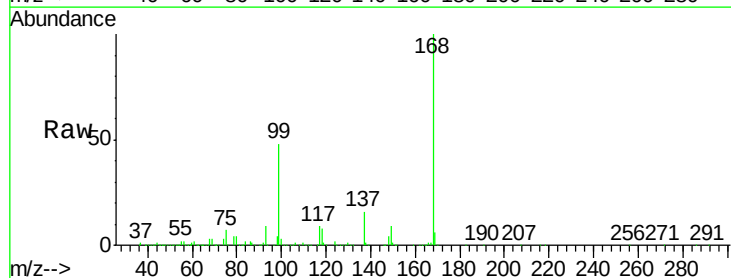
Delta R.T. -0.11 min

Lab File: VX007268.D

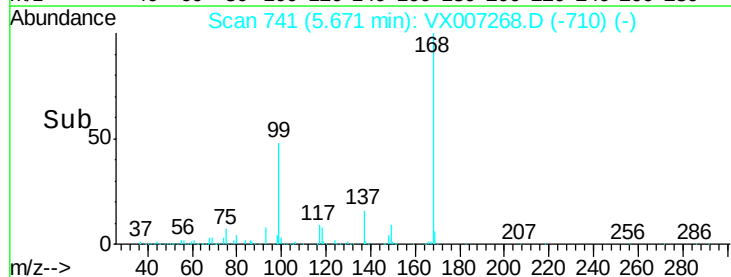
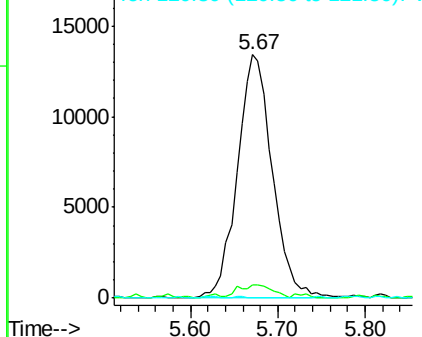
Acq: 28 Jan 2019 18:32

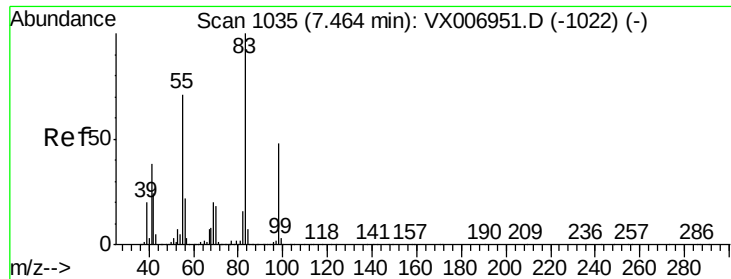
Tgt Ion: 117 Resp: 37312

Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.4	119.2#
121	0.0	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

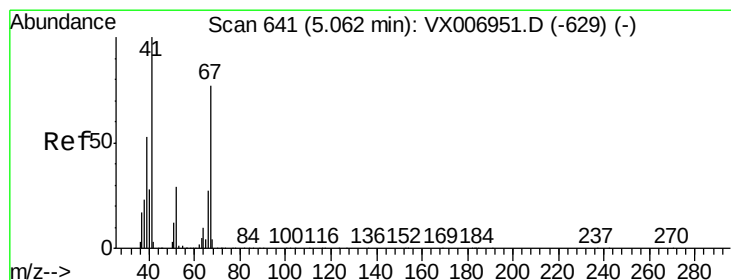
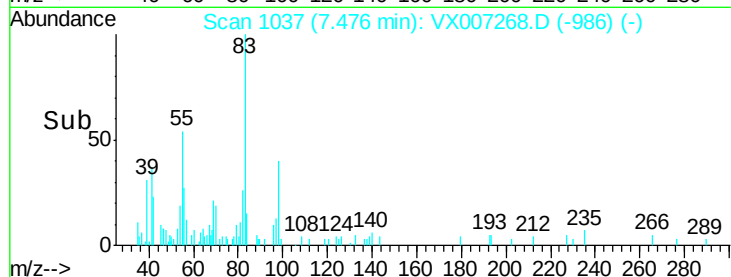
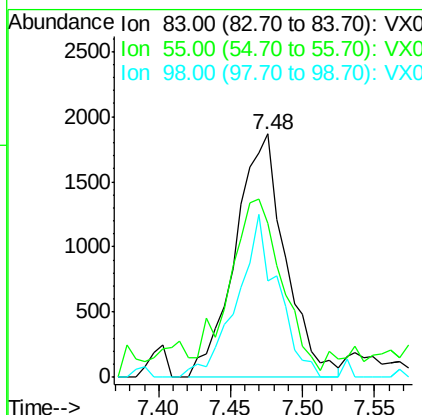
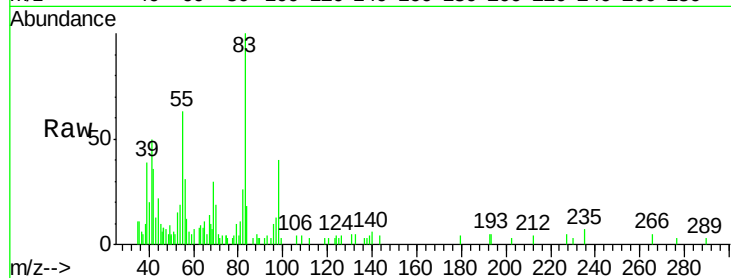




#39
Methylvlcyclohexane
Concen: 0.784 ug/l
RT: 7.48 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

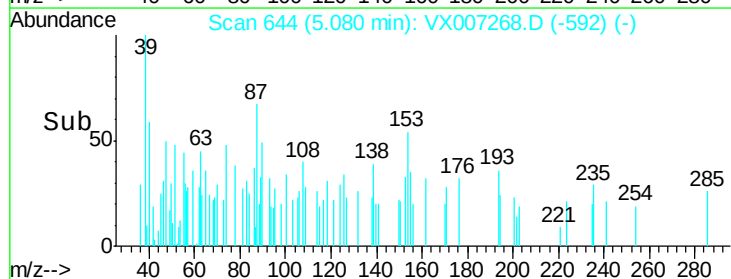
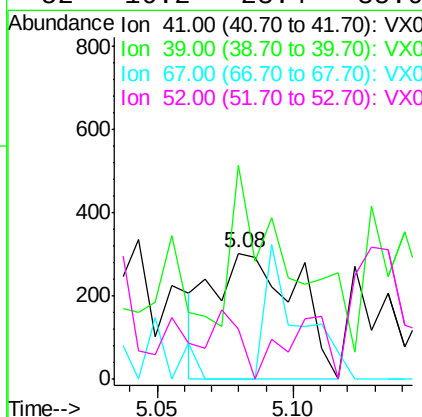
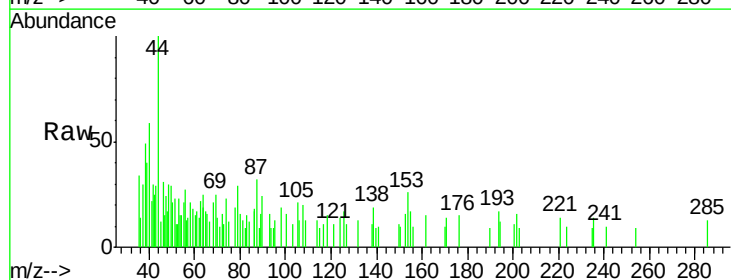
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3

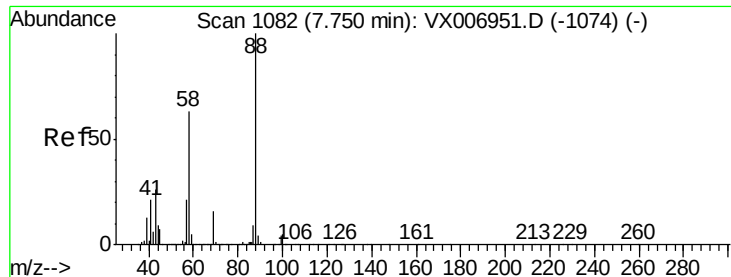
Tot Ion	Ratio	Lower	Upper
83	100		
55	56.0	54.9	82.3
98	39.8	37.9	56.9



#41
Methacrylonitrile
Concen: 0.235 ug/l
RT: 5.08 min Scan# 644
Delta R.T. 0.02 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	95.1	42.8	64.2#
67	43.5	62.1	93.1#
52	16.2	23.4	35.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3

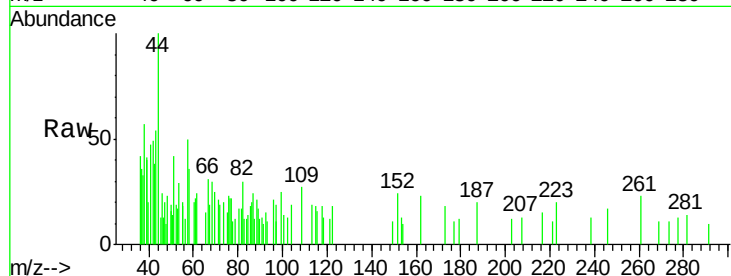
Tot Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 955.2 22.2 33.4#

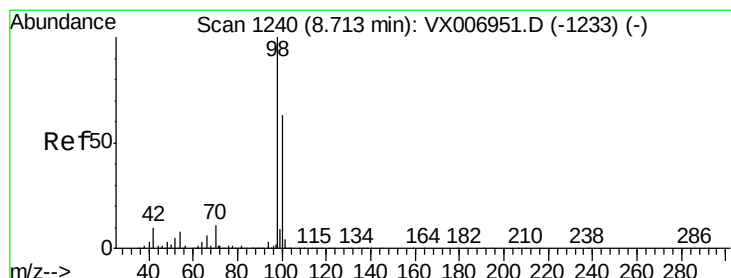
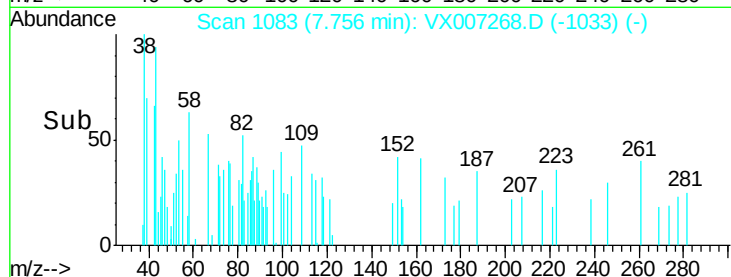
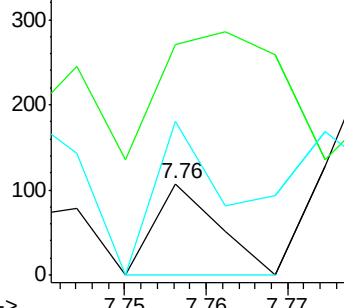
58 0.0 51.0 76.4#



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: 47.880 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX007268.D

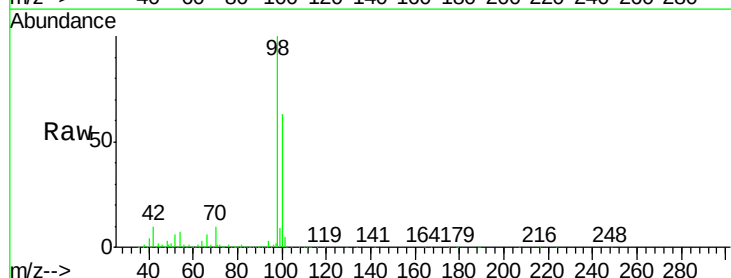
Acq: 28 Jan 2019 18:32

Tgt Ion: 98 Resp: 581663

Ion Ratio Lower Upper

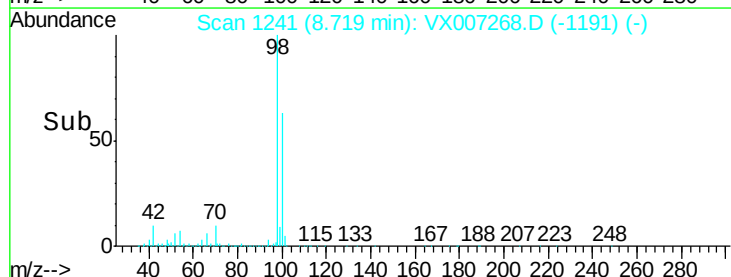
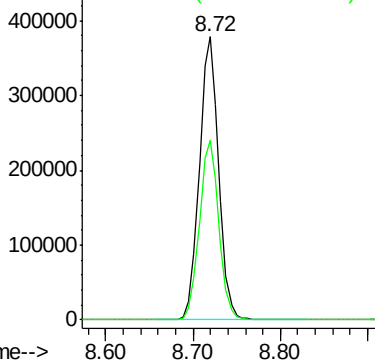
98 100

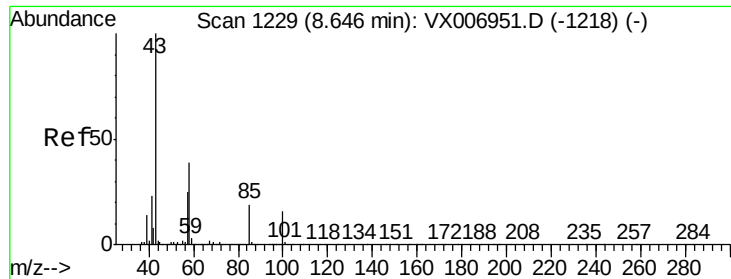
100 63.8 52.0 78.0



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: 0.382 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

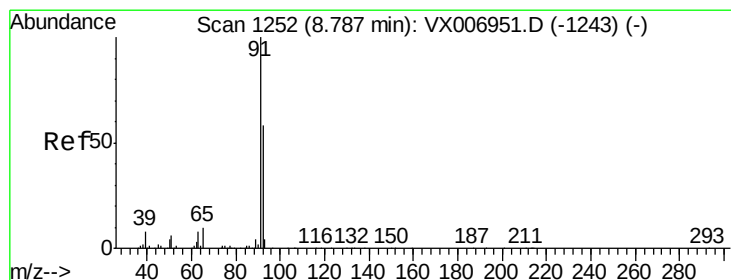
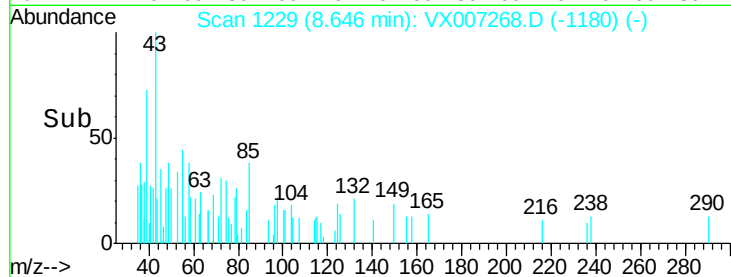
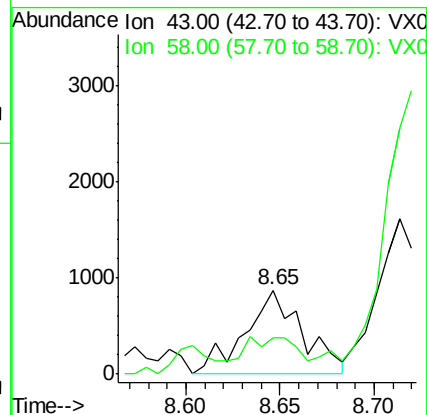
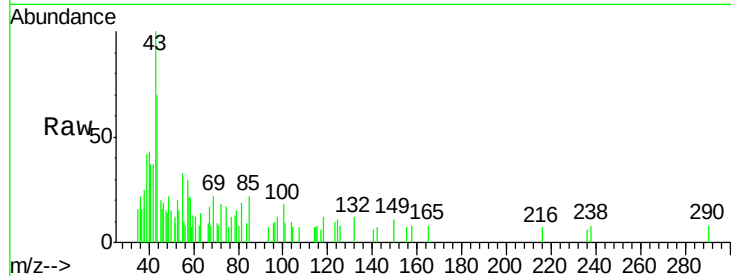
DRUM-1-3

Tot Ion: 43 Resp: 1869

Ion Ratio Lower Upper

43 100

58 23.5 31.8 47.6#



#52

Toluene

Concen: 0.418 ug/l

RT: 8.79 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VX007268.D

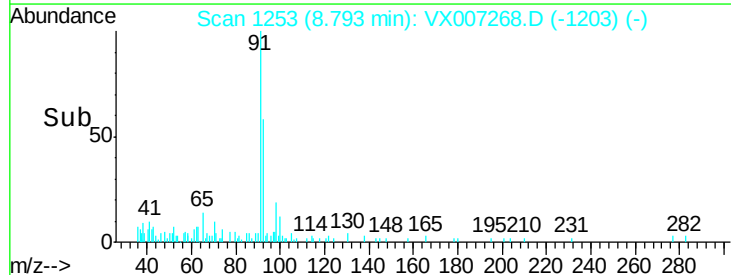
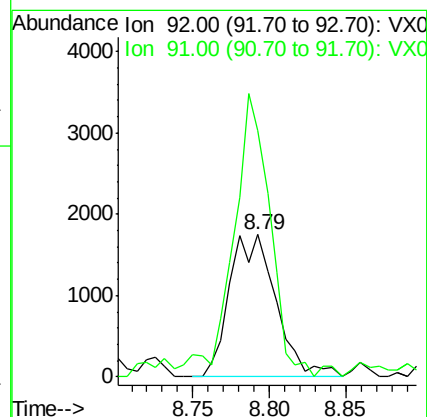
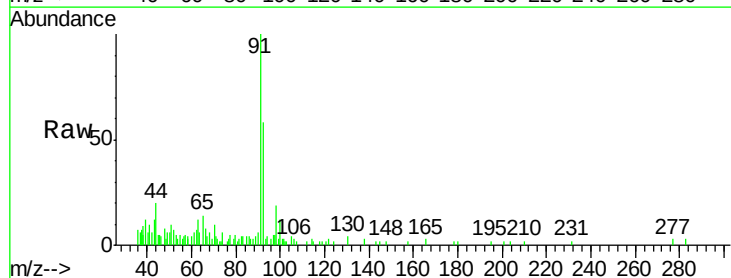
Acq: 28 Jan 2019 18:32

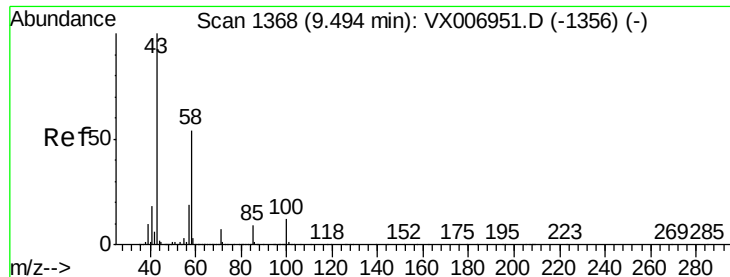
Tgt Ion: 92 Resp: 3698

Ion Ratio Lower Upper

92 100

91 156.5 137.6 206.4





#59

2-Hexanone

Concen: 0.450 ug/l

RT: 9.51 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

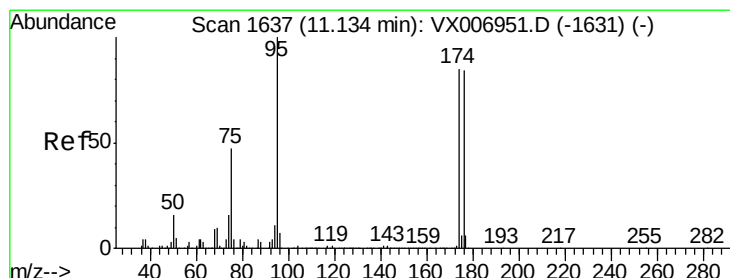
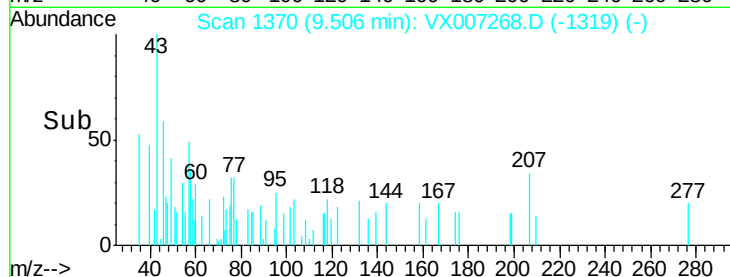
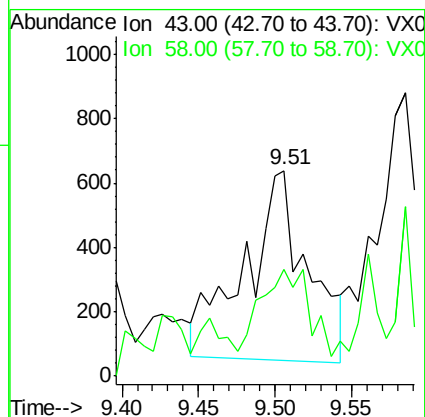
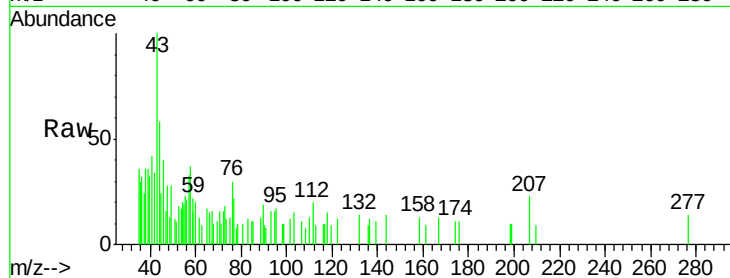
DRUM-1-3

Tot Ion: 43 Resp: 1681

Ion Ratio Lower Upper

43 100

58 52.2 27.7 83.1



#62

4-Bromofluorobenzene

Concen: 33.141 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

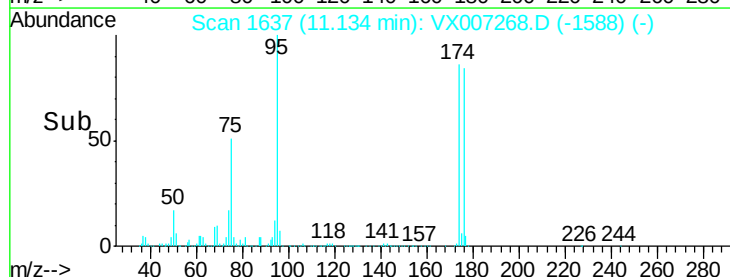
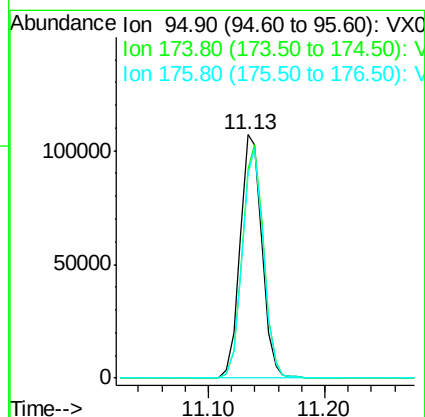
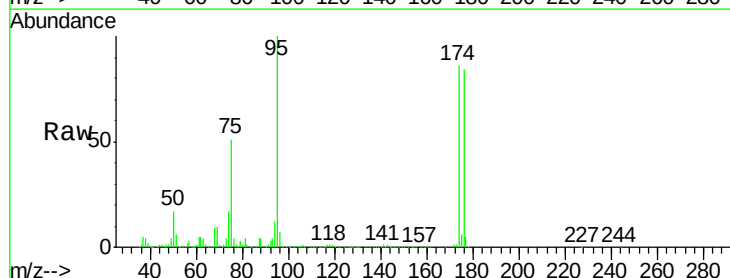
Tgt Ion: 95 Resp: 140359

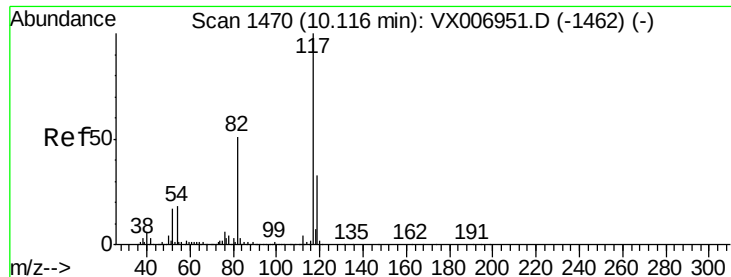
Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

176 91.5 0.0 178.8

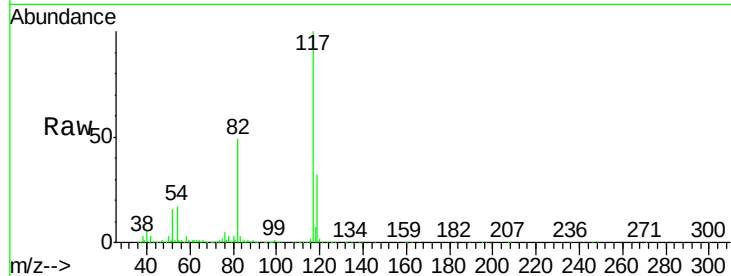




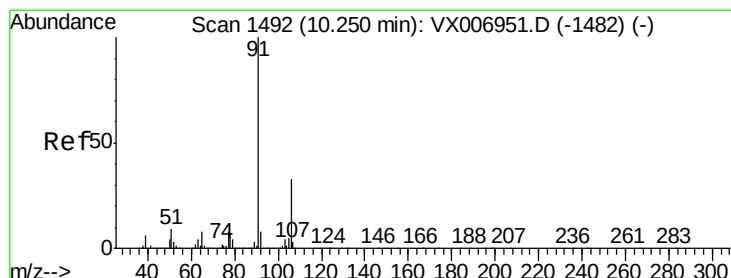
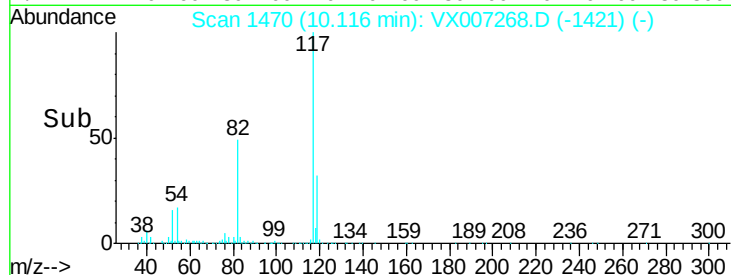
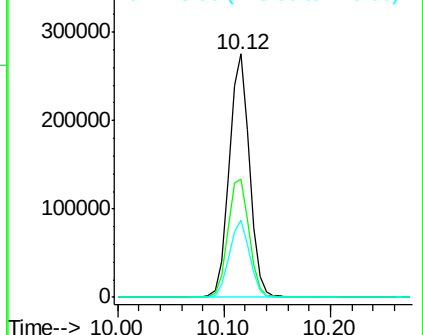
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	41.0	61.6
119	31.6	25.4	38.0

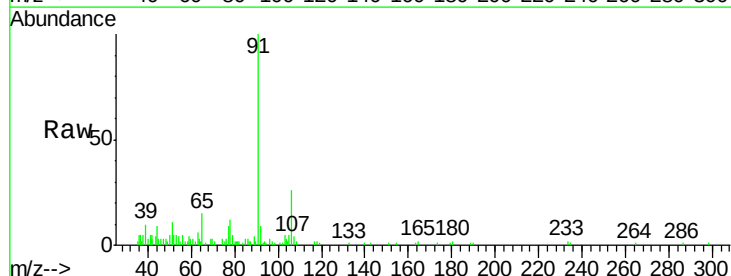


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

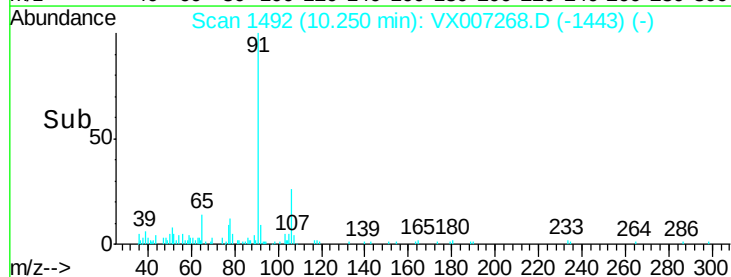
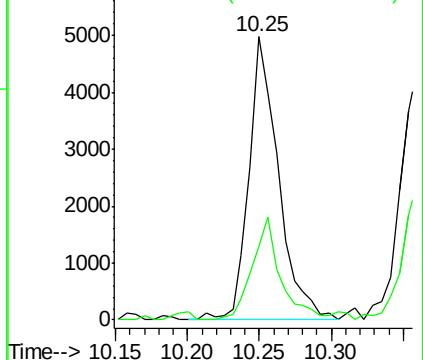


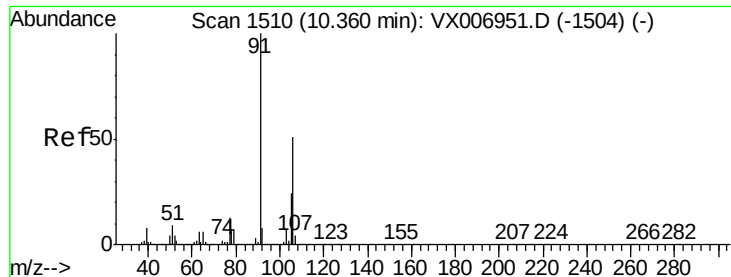
#67
Ethyl Benzene
Concen: 0.532 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	23.3	26.4	39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

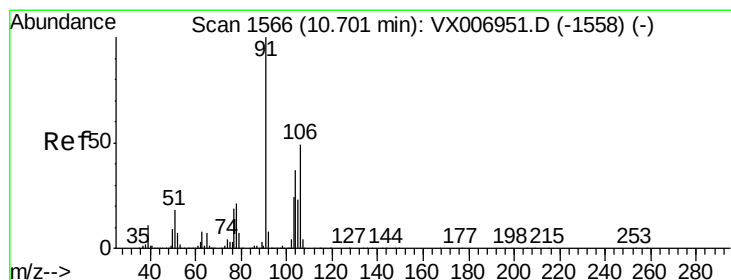
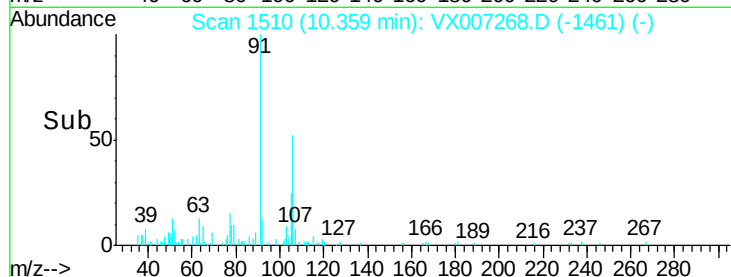
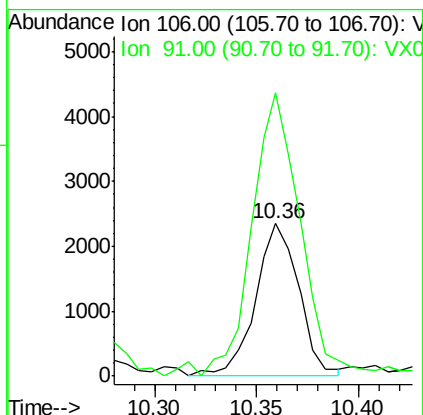
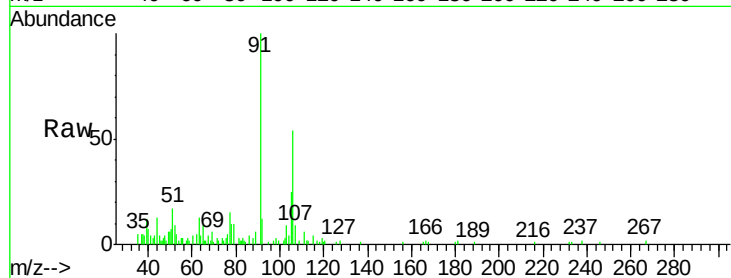




#68
m/p-Xylenes
Concen: 0.668 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

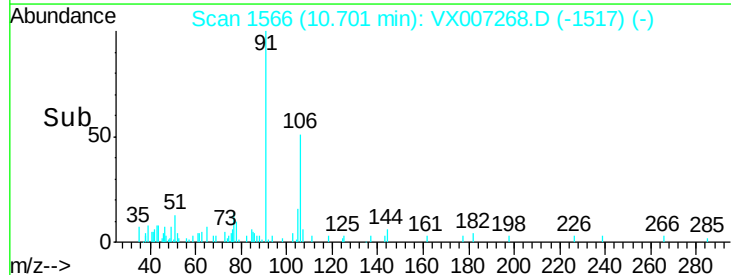
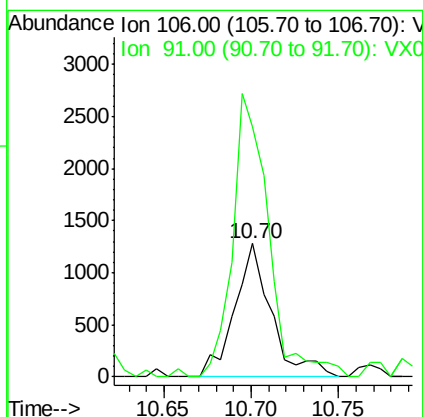
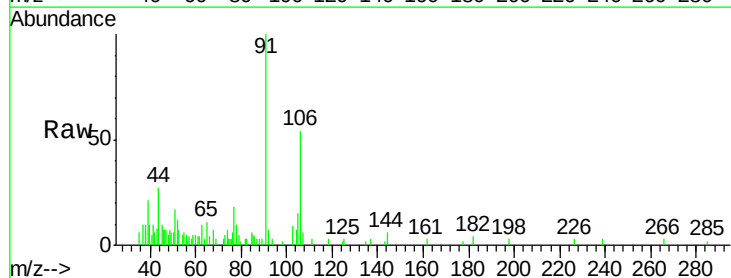
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-3

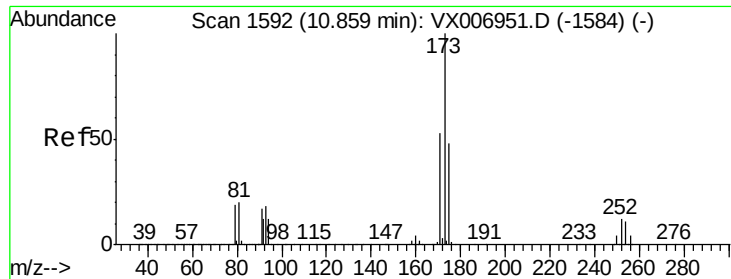
Tot Ion:106 Resp: 3492
Ion Ratio Lower Upper
106 100
91 208.5 155.8 233.6



#69
o-Xylene
Concen: 0.368 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007268.D
Acq: 28 Jan 2019 18:32

Tgt Ion:106 Resp: 1878
Ion Ratio Lower Upper
106 100
91 206.1 101.3 303.7





#71

Bromoform

Concen: 4.743 ug/l

RT: 10.79 min Scan# 1581

Delta R.T. -0.07 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

DRUM-1-3

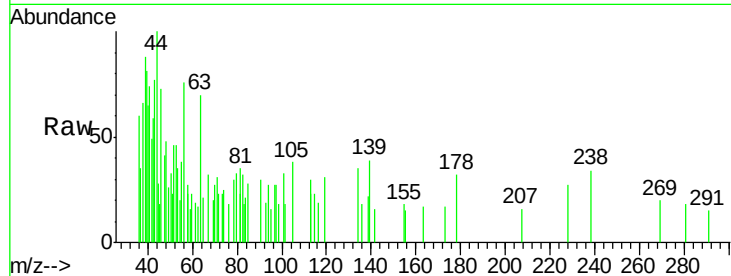
Tot Ion:173 Resp: 42

Ion Ratio Lower Upper

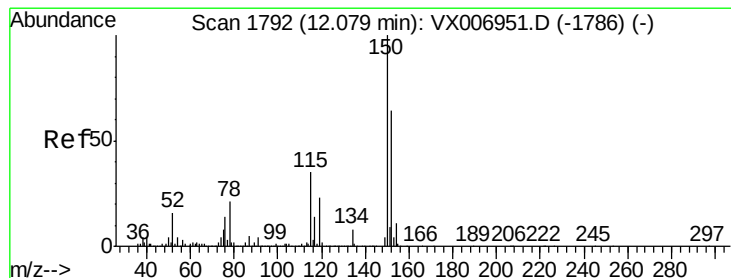
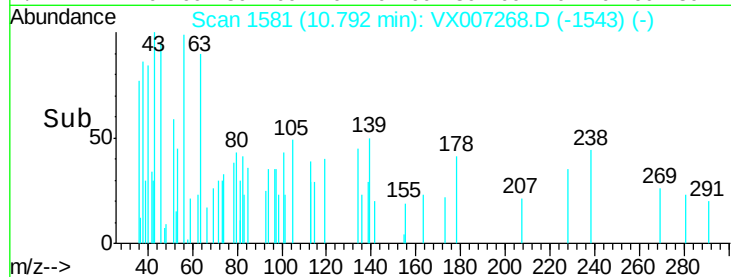
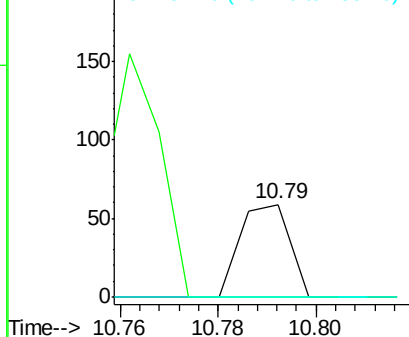
173 100

175 0.0 24.7 74.1#

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VX007268.D

Acq: 28 Jan 2019 18:32

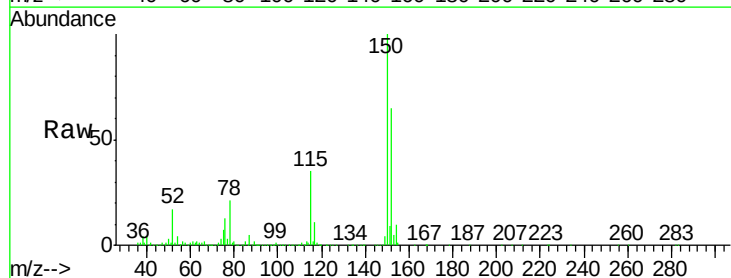
Tgt Ion:152 Resp: 150073

Ion Ratio Lower Upper

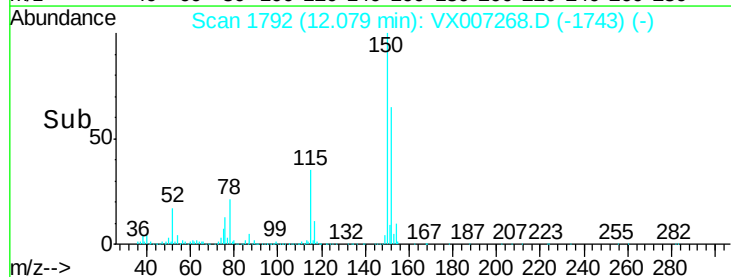
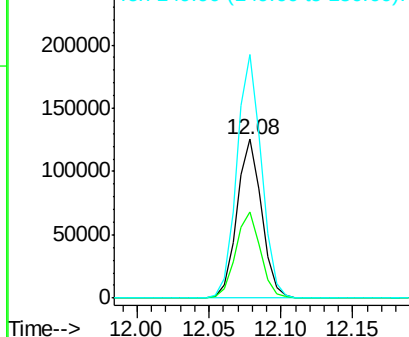
152 100

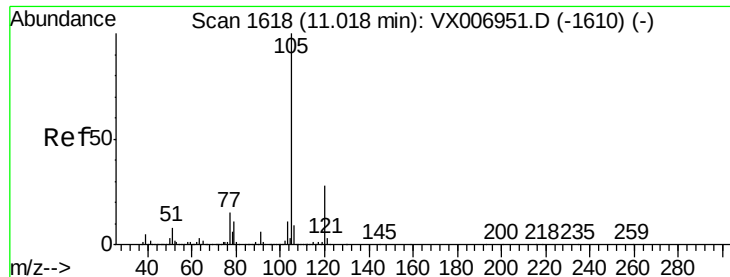
115 54.2 39.1 117.2

150 152.8 0.0 344.8



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





#73

Isopropylbenzene

Concen: 0.221 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

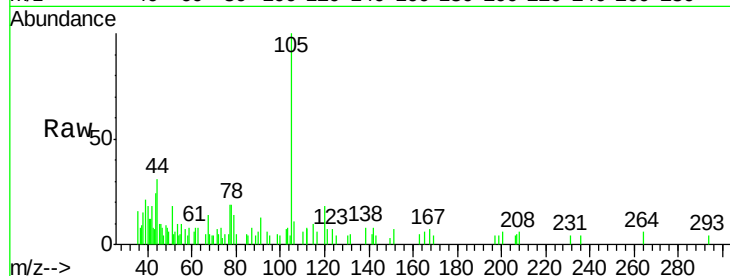
DRUM-1-3

Tot Ion:105 Resp: 2337

Ion Ratio Lower Upper

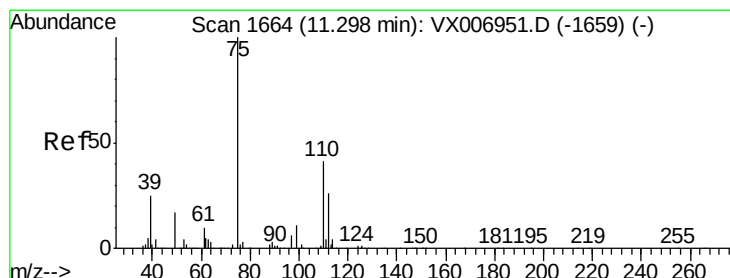
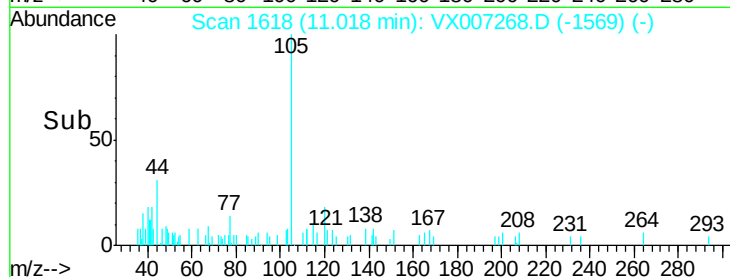
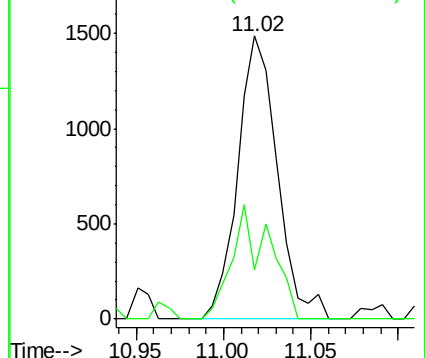
105 100

120 38.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 22.437 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007268.D

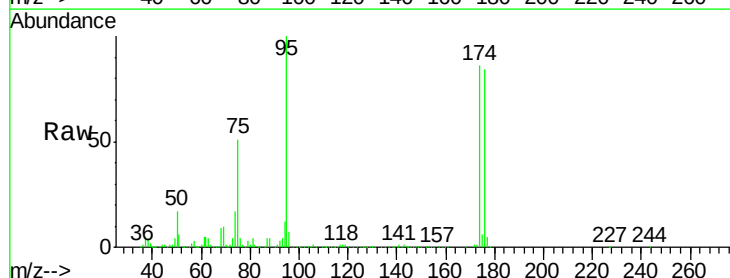
Acq: 28 Jan 2019 18:32

Tgt Ion: 75 Resp: 68234

Ion Ratio Lower Upper

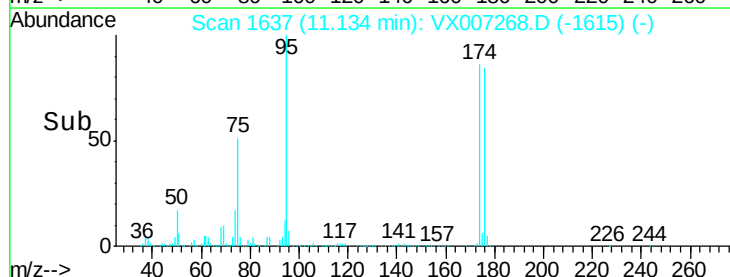
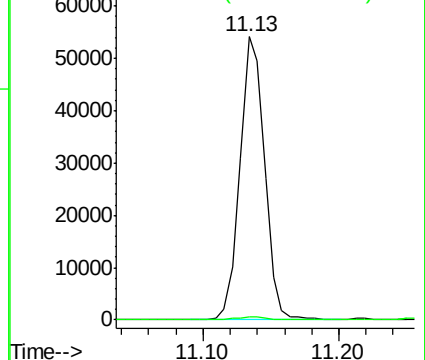
75 100

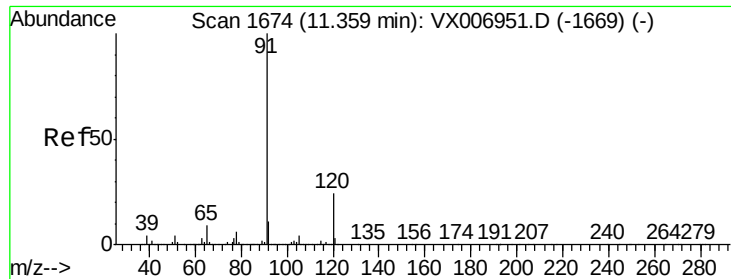
77 1.6 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

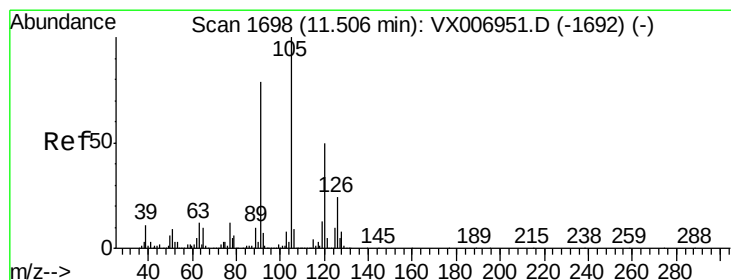
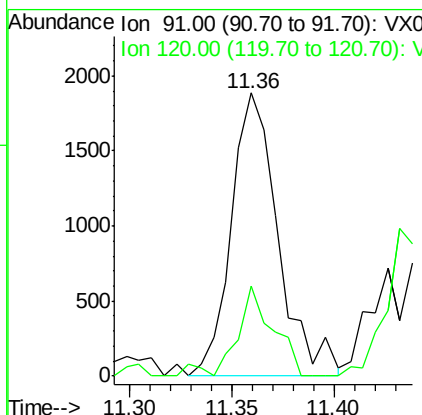
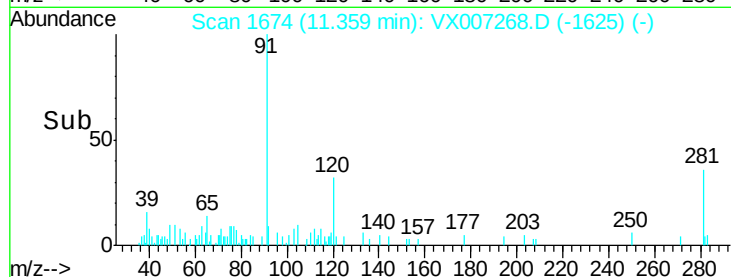
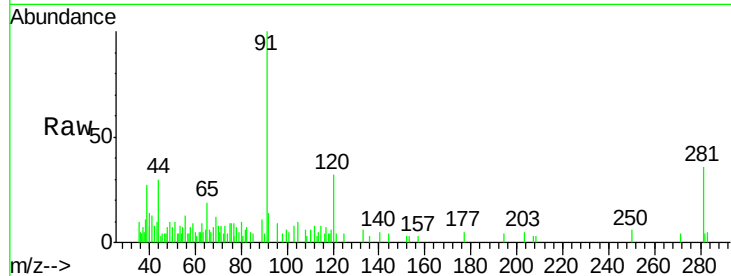




#78
 n-propylbenzene
 Concen: 0.259 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX007268.D
 Acq: 28 Jan 2019 18:32

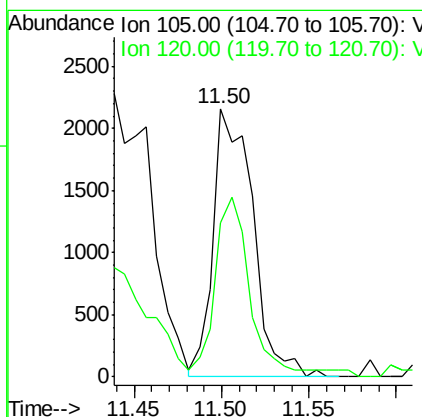
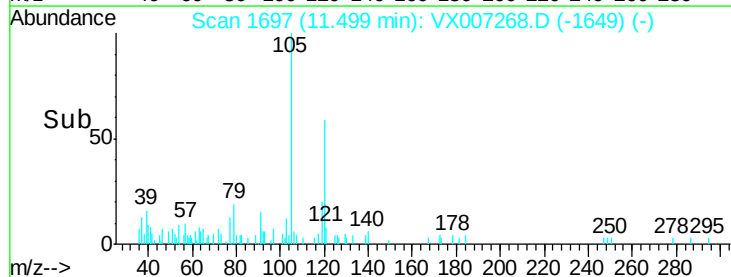
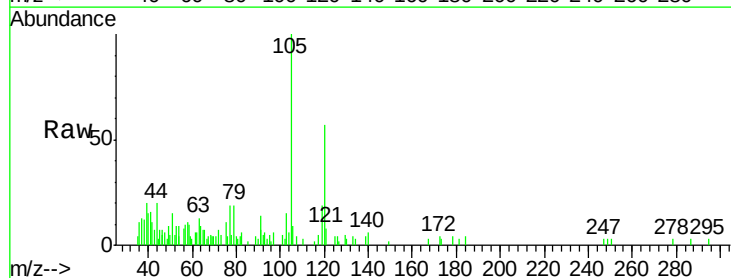
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3

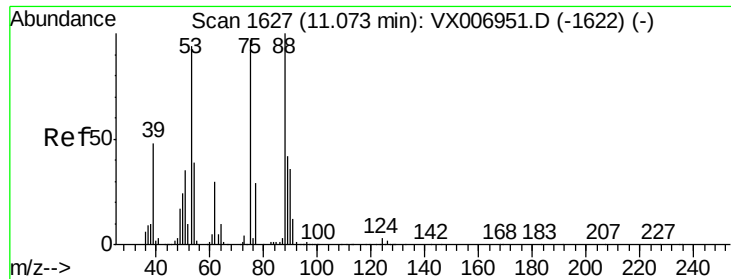
Tot Ion: 91 Resp: 3009
 Ion Ratio Lower Upper
 91 100
 120 24.7 12.7 38.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.386 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: VX007268.D
 Acq: 28 Jan 2019 18:32

Tgt Ion: 105 Resp: 3409
 Ion Ratio Lower Upper
 105 100
 120 52.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 66.371 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-3

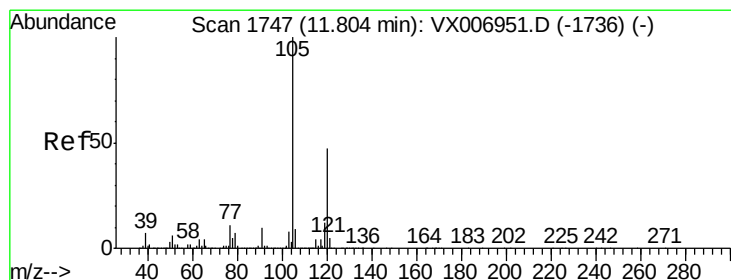
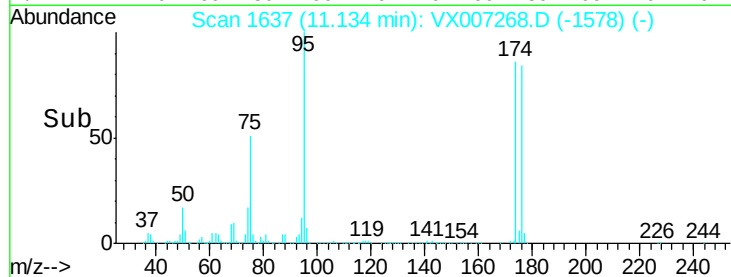
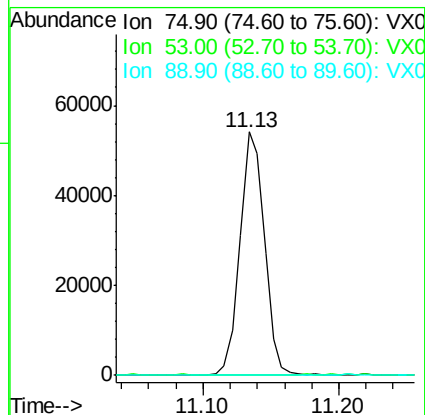
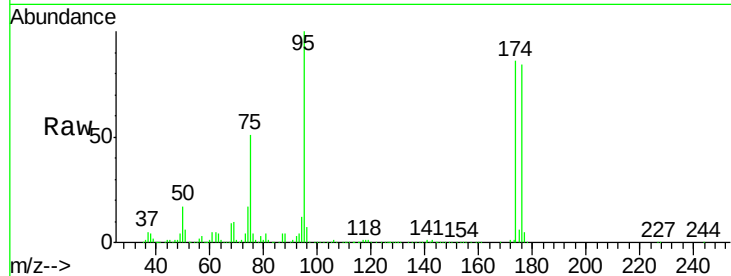
Tot Ion: 75 Resp: 68234

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.1 38.0 57.0#



#84

1,2,4-Trimethylbenzene

Concen: 0.793 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007268.D

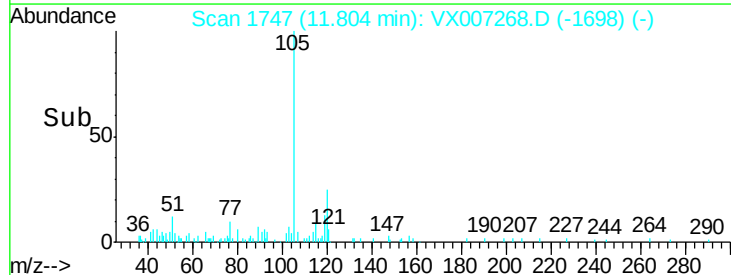
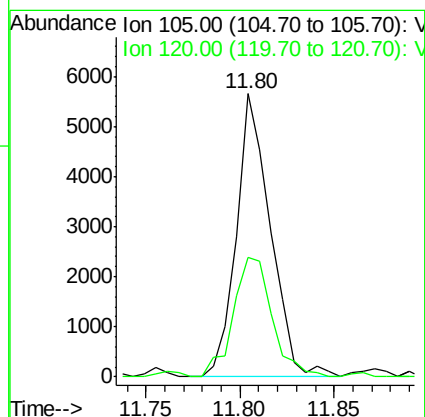
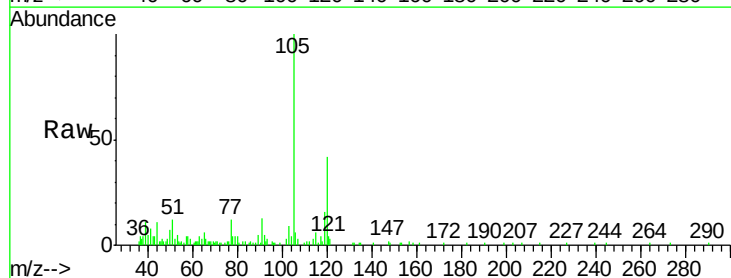
Acq: 28 Jan 2019 18:32

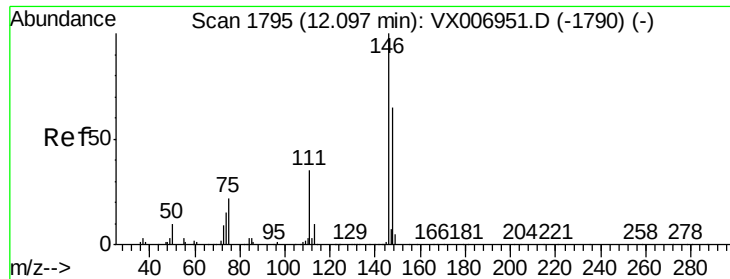
Tgt Ion:105 Resp: 7053

Ion Ratio Lower Upper

105 100

120 48.3 23.2 69.6

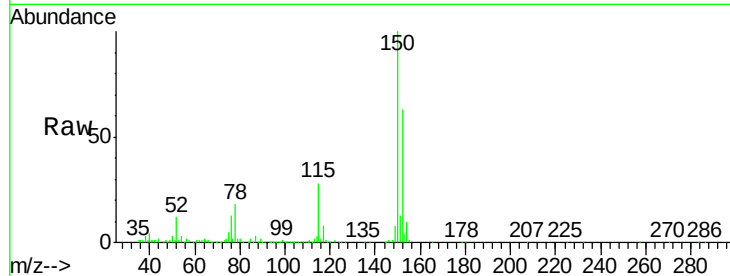




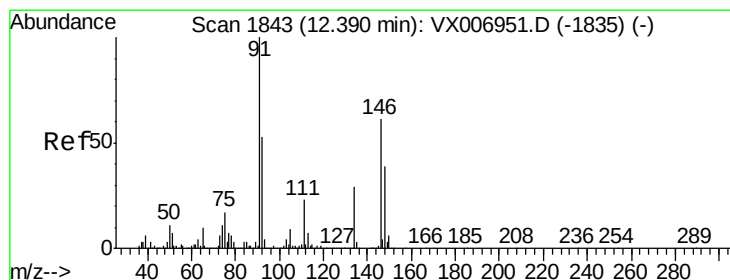
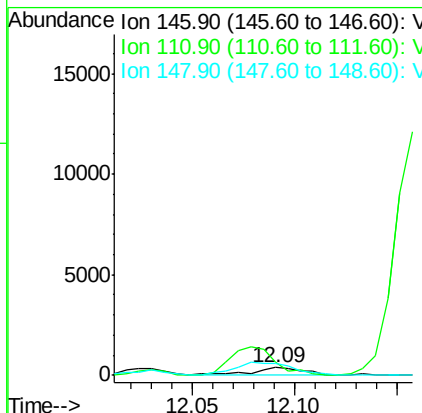
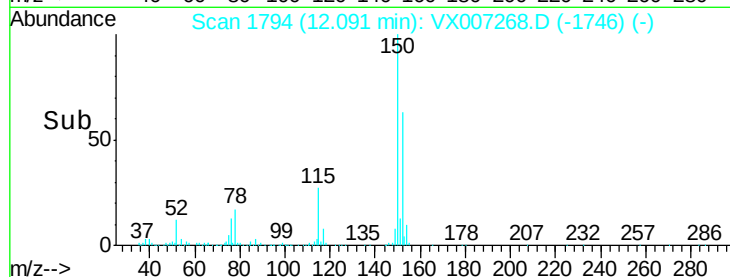
#88
 1,4-Dichlorobenzene
 Concen: 0.286 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX007268.D
 Acq: 28 Jan 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-3

Tot Ion:146 Resp: 707
 Ion Ratio Lower Upper
 146 100
 111 313.9 18.1 54.1#
 148 178.1 31.9 95.9#

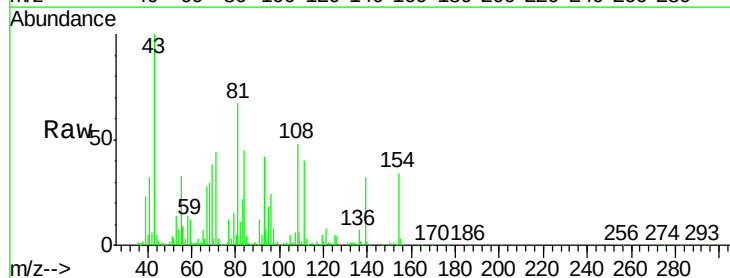


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

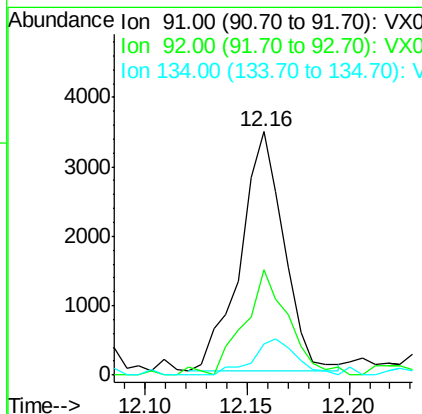
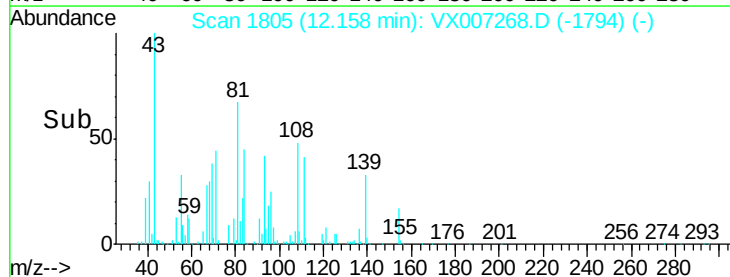


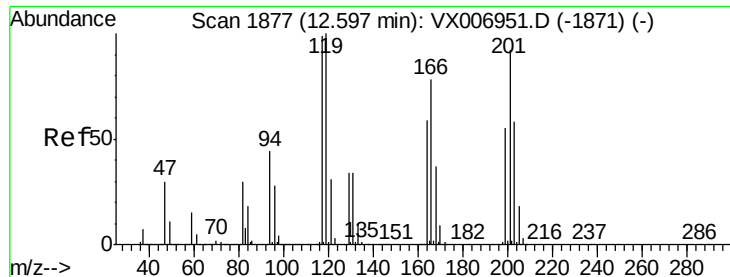
#89
 n-Butylbenzene
 Concen: 0.634 ug/l
 RT: 12.16 min Scan# 1805
 Delta R.T. -0.23 min
 Lab File: VX007268.D
 Acq: 28 Jan 2019 18:32

Tgt Ion: 91 Resp: 5093
 Ion Ratio Lower Upper
 91 100
 92 45.7 26.8 80.4
 134 15.5 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.209 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

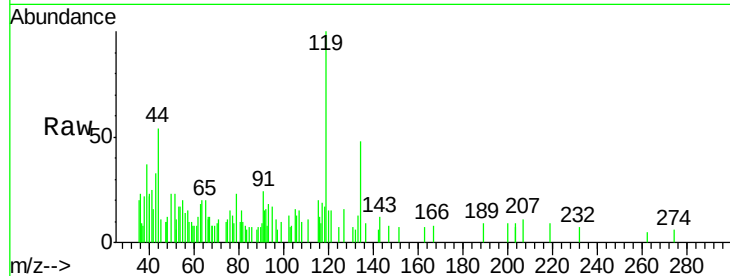
DRUM-1-3

Tot Ion:117 Resp: 480

Ion Ratio Lower Upper

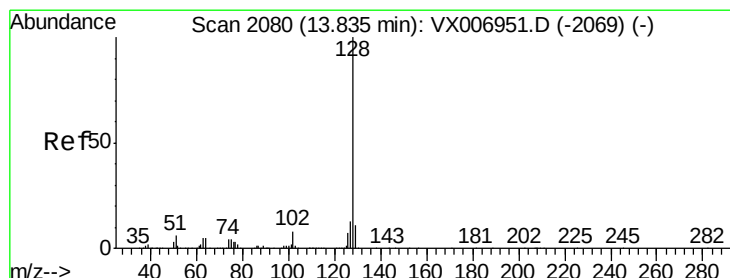
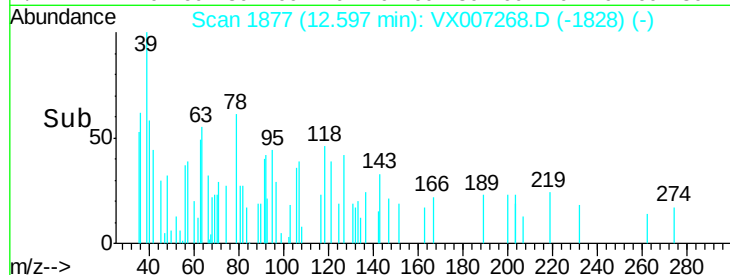
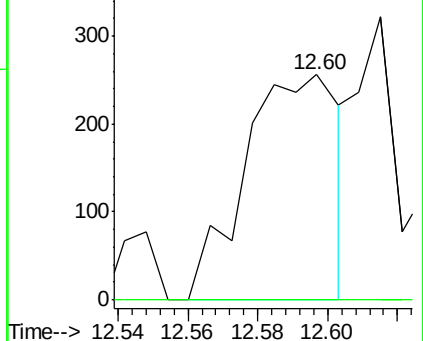
117 100

201 0.0 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: 0.494 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007268.D

Acq: 28 Jan 2019 18:32

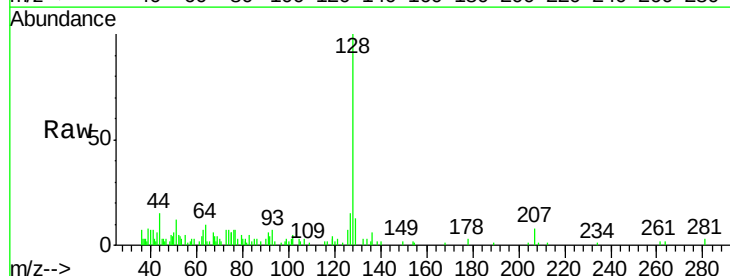
Tgt Ion:128 Resp: 5344

Ion Ratio Lower Upper

128 100

127 14.4 10.1 15.1

129 17.4 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

