

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
 Data File : VX007492.D
 Acq On : 12 Feb 2019 16:50
 Operator : JC/SP
 Sample : K1457-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQUID-01

Quant Time: Feb 13 00:13:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	521750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	796180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	754665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385337	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	269988	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	5.51	113	254456	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	967948	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	344178	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	565	0.265	ug/l #	50
3) Chloromethane	1.31	50	8957	1.524	ug/l #	60
5) Bromomethane	1.64	94	648	Below Cal	#	56
11) Tert butyl alcohol	3.07	59	6343	5.535	ug/l #	73
13) Acrolein	2.27	56	46132	85.838	ug/l #	1
14) Allyl chloride	2.78	41	89110	10.978	ug/l #	24
15) Acrylonitrile	3.17	53	75776	26.727	ug/l #	39
16) Acetone	2.45	43	304134	119.889	ug/l	98
17) Carbon Disulfide	2.57	76	3056	2.346	ug/l #	75
18) Methyl Acetate	2.84	43	860376	129.219	ug/l #	51
20) Methylene Chloride	2.89	84	7383	1.040	ug/l #	1
23) Vinyl Acetate	3.82	43	10354	0.836	ug/l #	74
24) 1,1-Dichloroethane	3.68	63	2523	0.294	ug/l #	88
25) 2-Butanone	4.70	43	269273	74.588	ug/l	99
26) 2,2-Dichloropropane	4.40	77	25078	3.841	ug/l #	52
29) Tetrahydrofuran	5.15	42	10628	4.681	ug/l #	65
30) Chloroform	5.28	83	27073	3.026	ug/l #	32
31) Cyclohexane	5.58	56	1109655	144.094	ug/l	97
36) 1,1-Dichloropropene	5.67	75	32709	4.579	ug/l #	44
37) Ethyl Acetate	4.70	43	269273	37.289	ug/l #	68
38) Carbon Tetrachloride	5.66	117	46120	6.655	ug/l #	17
39) Methylcyclohexane	7.46	83	757802	87.677	ug/l	97
40) Benzene	6.15	78	20648	0.981	ug/l	96
41) Methacrylonitrile	5.06	41	1674	0.433	ug/l #	29
43) Isopropyl Acetate	6.46	43	29527	2.649	ug/l #	60
47) Bromodichloromethane	7.85	83	3580	0.551	ug/l #	82
48) Methyl methacrylate	7.73	41	72821	13.061	ug/l #	53
49) 1,4-Dioxane	7.76	88	210	8.524	ug/l #	25
51) 4-Methyl-2-Pentanone	8.65	43	28152	3.837	ug/l	91
52) Toluene	8.79	92	7420688	546.574	ug/l	94
53) t-1,3-Dichloropropene	8.79	75	87060	12.480	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	57723	10.200	ug/l #	16
56) Ethyl methacrylate	9.16	69	12437	1.587	ug/l #	1
59) 2-Hexanone	9.50	43	28076	4.917	ug/l	98

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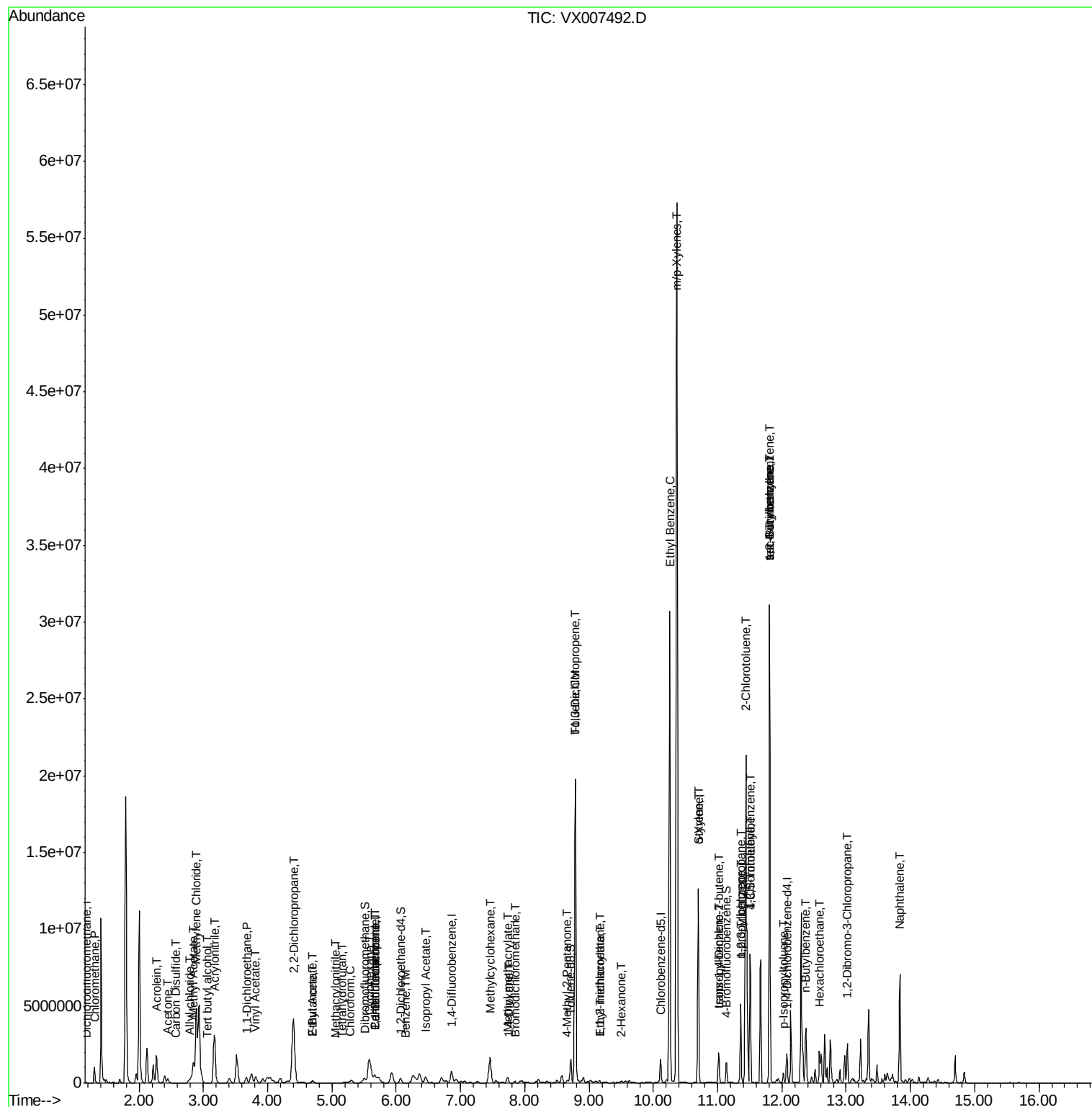
67) Ethyl Benzene	10.25	91	14173375	534.439	ug/l #	79
68) m/p-Xylenes	10.37	106	13393218	1270.453	ug/l #	55
69) o-Xylene	10.70	106	2681322	264.323	ug/l	98
70) Styrene	10.70	104	161006	9.787	ug/l #	1
73) Isopropylbenzene	11.02	105	992456	37.901	ug/l	99
76) 1,2,3-Trichloropropane	11.36	75	17105	2.282	ug/l #	1
78) n-propylbenzene	11.36	91	3012865	104.926	ug/l	99
79) 2-Chlorotoluene	11.44	91	1825059	104.749	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	3455896	161.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	11763	8.669	ug/l #	73
82) 4-Chlorotoluene	11.51	91	369747	18.340	ug/l #	42
83) tert-Butylbenzene	11.81	119	1654929	78.025	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	11411783	524.693	ug/l	90
85) sec-Butylbenzene	11.81	105	11411783	444.541	ug/l #	55
86) p-Isopropyltoluene	12.02	119	268772	11.598	ug/l	97
89) n-Butylbenzene	12.38	91	491381	24.650	ug/l #	19
90) Hexachloroethane	12.58	117	105184	30.328	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	7613	4.588	ug/l #	1
95) Naphthalene	13.83	128	4195294	161.436	ug/l	100

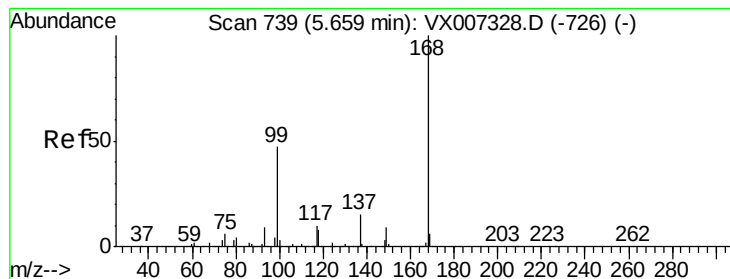
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

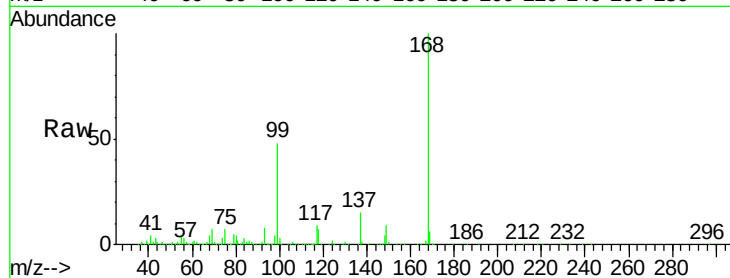
IDW-LIQUID-01

Tot Ion:168 Resp: 521750

Ion Ratio Lower Upper

168 100

99 48.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

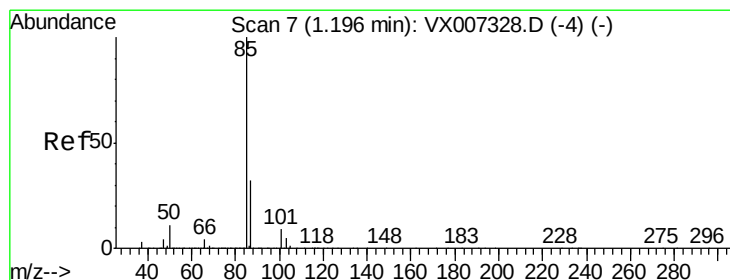
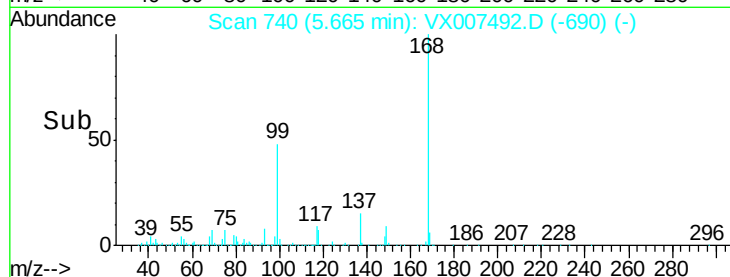
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.265 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX007492.D

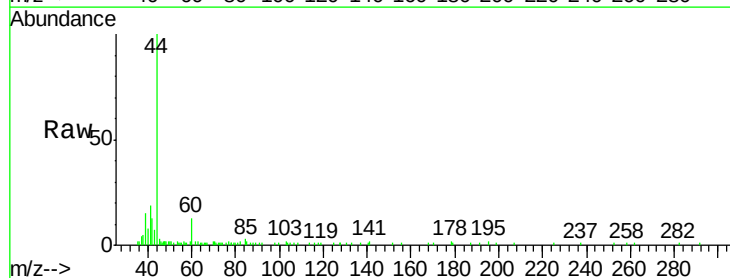
Acq: 12 Feb 2019 16:50

Tgt Ion: 85 Resp: 565

Ion Ratio Lower Upper

85 100

87 3.8 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400

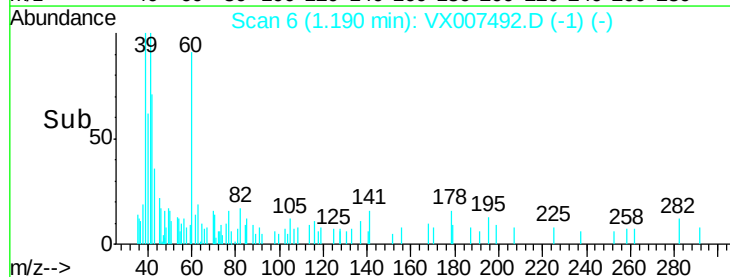
300

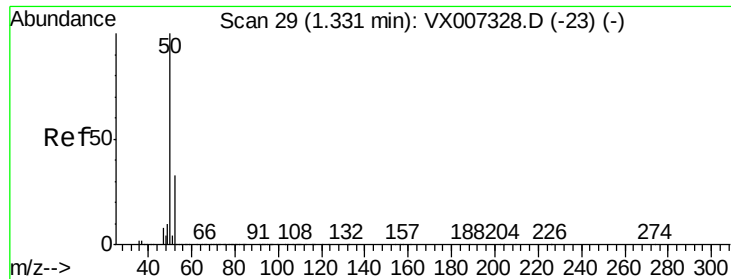
200

100

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.524 ug/l

RT: 1.31 min Scan# 25

Delta R.T. -0.02 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

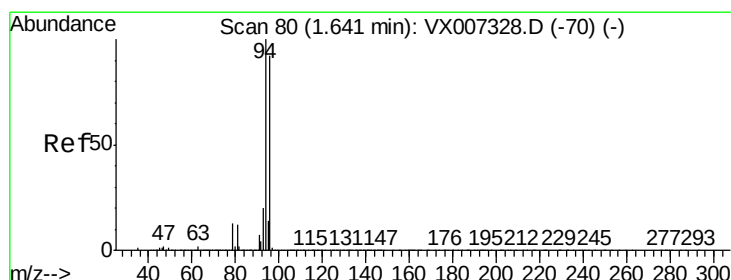
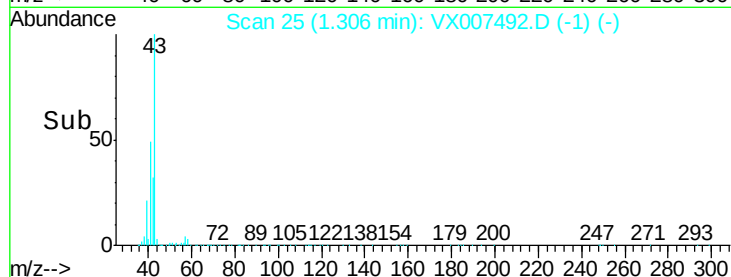
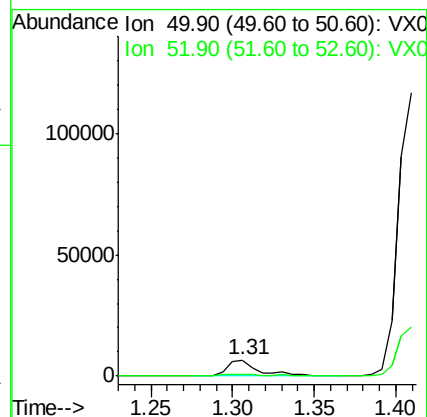
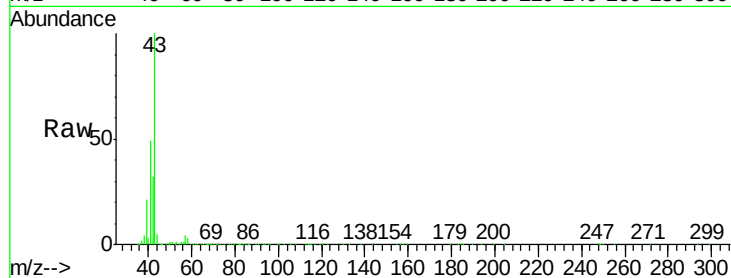
IDW-LIQUID-01

Tot Ion: 50 Resp: 8957

Ion Ratio Lower Upper

50 100

52 10.2 26.1 39.1#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007492.D

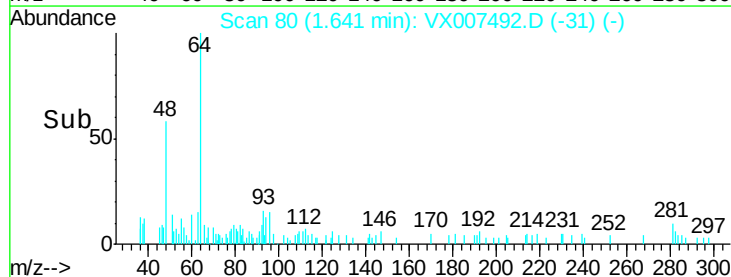
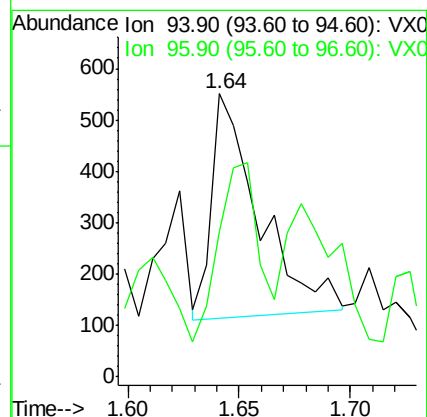
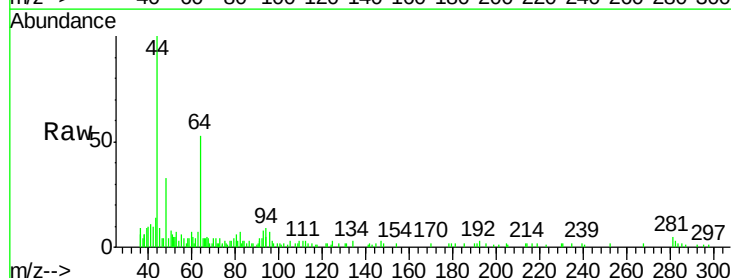
Acq: 12 Feb 2019 16:50

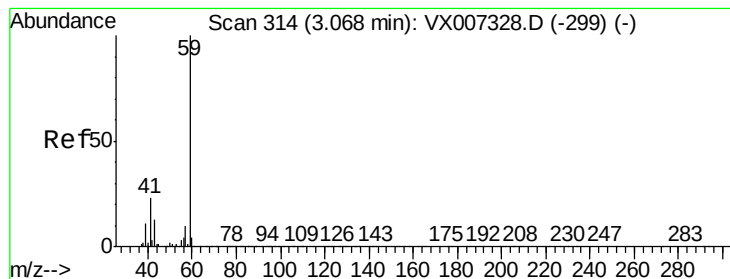
Tgt Ion: 94 Resp: 648

Ion Ratio Lower Upper

94 100

96 50.7 73.9 110.9#





#11

Tert butyl alcohol

Concen: 5.535 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

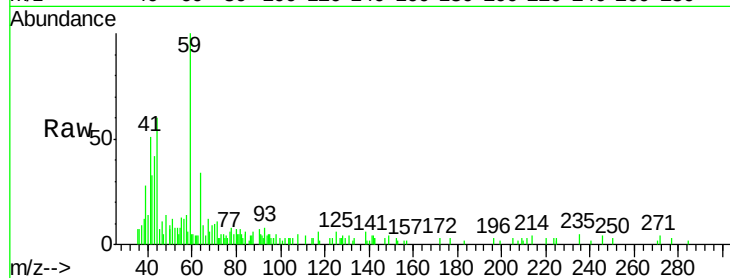
IDW-LIQUID-01

Tot Ion: 59 Resp: 6343

Ion Ratio Lower Upper

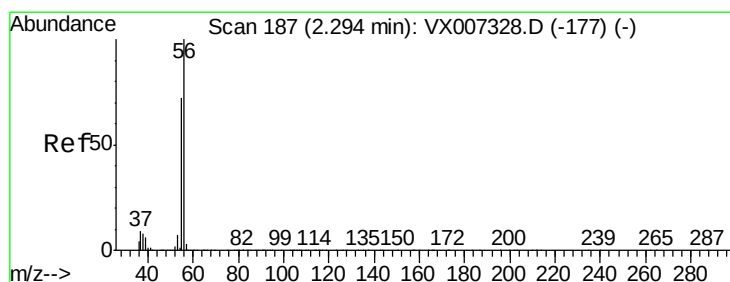
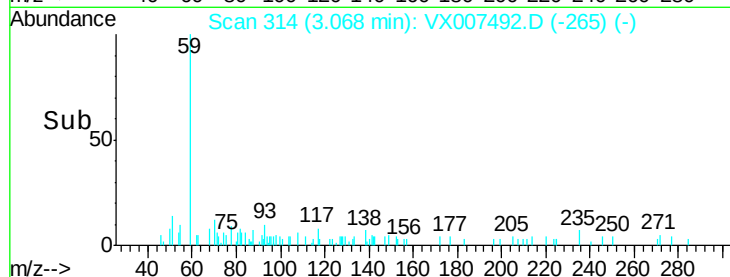
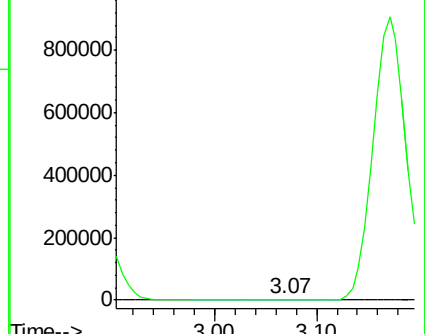
59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 85.838 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX007492.D

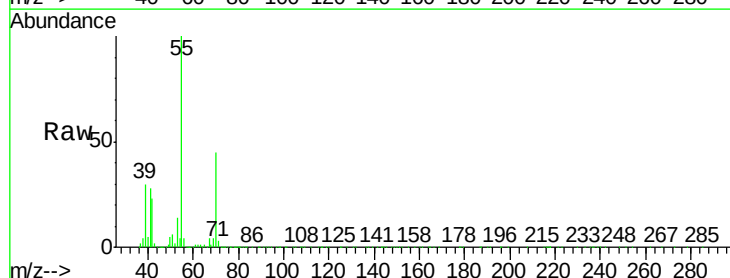
Acq: 12 Feb 2019 16:50

Tgt Ion: 56 Resp: 46132

Ion Ratio Lower Upper

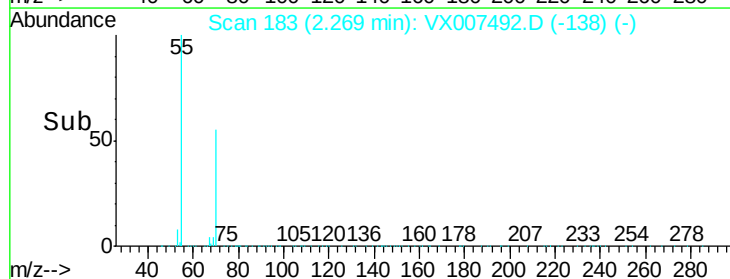
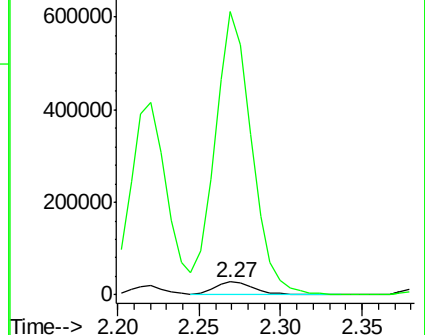
56 100

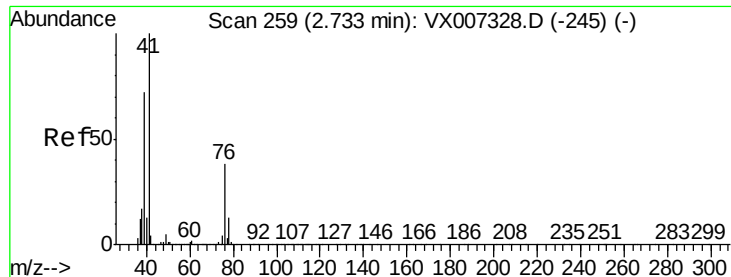
55 2070.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 10.978 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.04 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

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ClientSampleId :

IDW-LIQUID-01

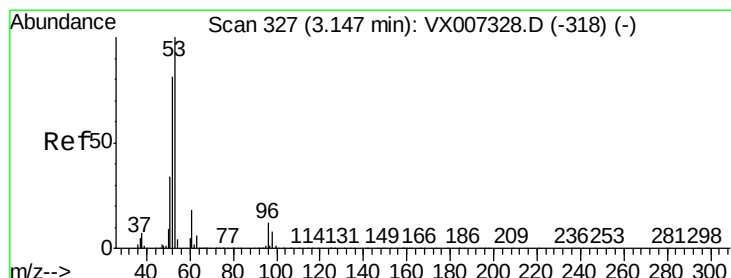
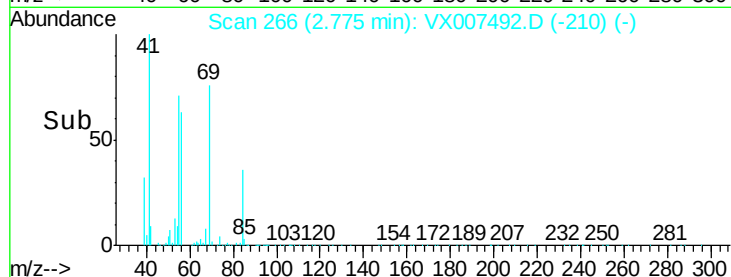
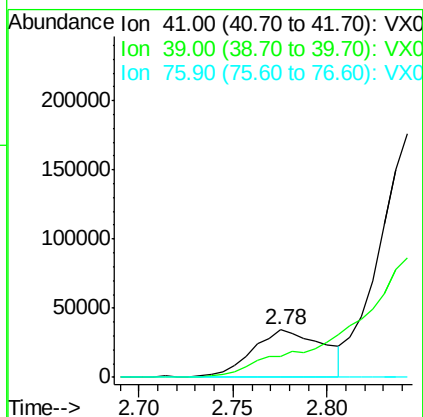
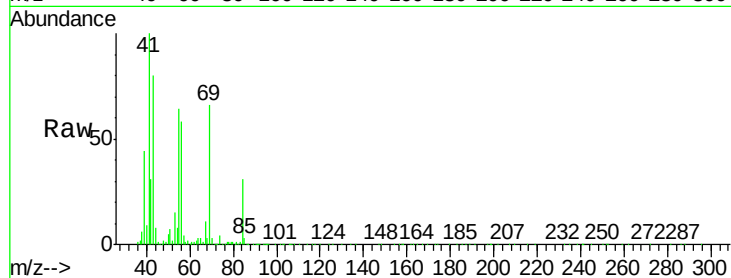
Tot Ion: 41 Resp: 89110

Ion Ratio Lower Upper

41 100

39 0.0 54.1 81.1#

76 0.1 27.8 41.8#



#15

Acrylonitrile

Concen: 26.727 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

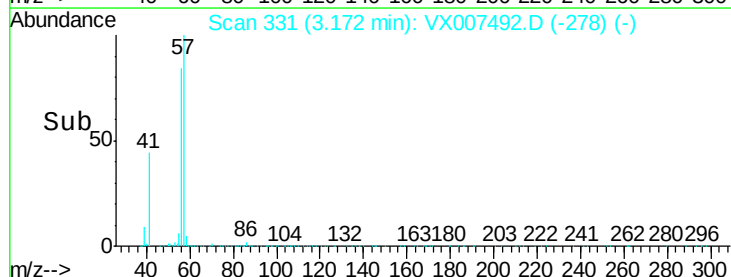
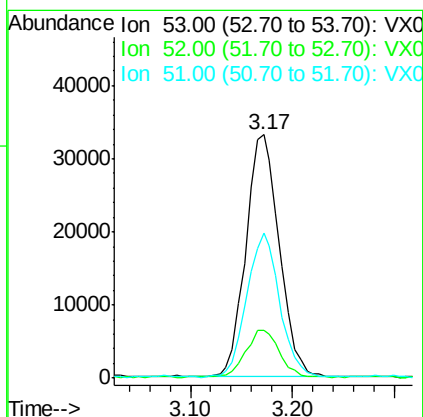
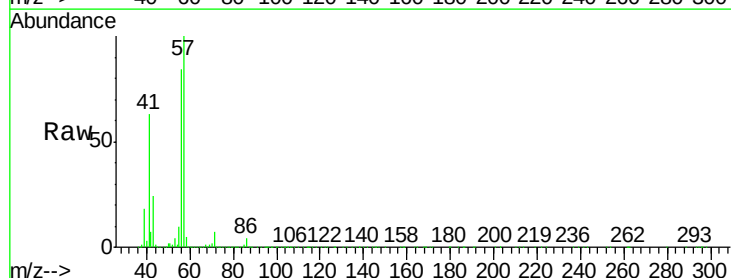
Tgt Ion: 53 Resp: 75776

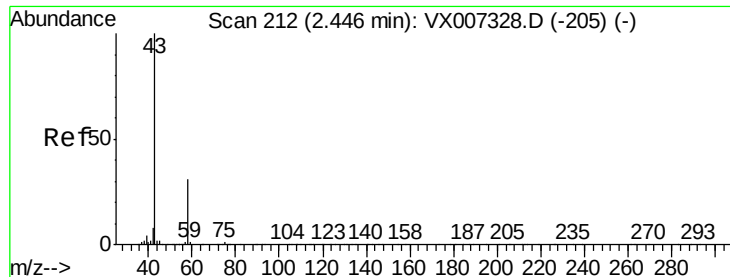
Ion Ratio Lower Upper

53 100

52 19.4 66.4 99.6#

51 58.9 28.4 42.6#





#16

Acetone

Concen: 119.889 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

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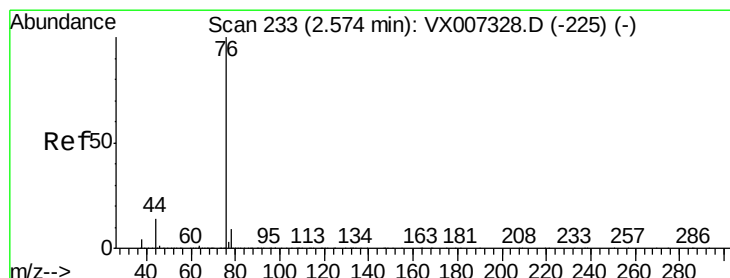
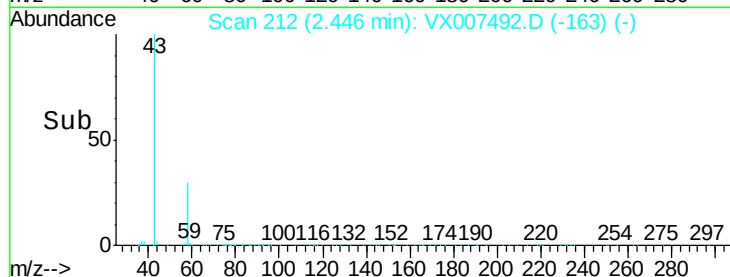
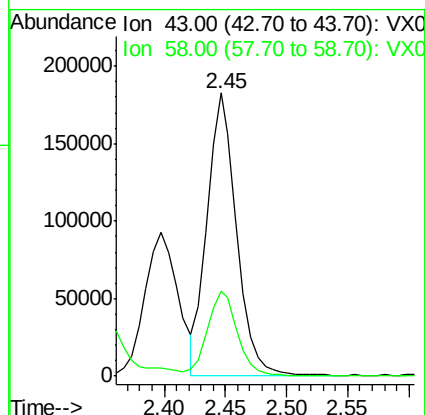
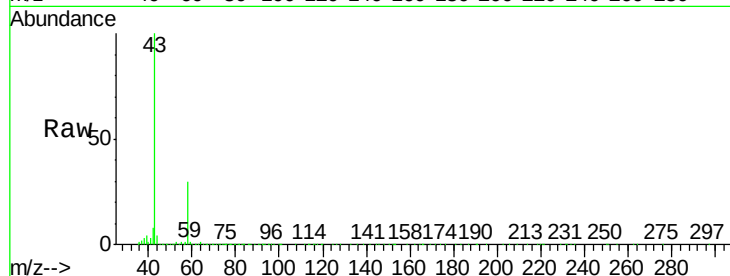
IDW-LIQUID-01

Tot Ion: 43 Resp: 304134

Ion Ratio Lower Upper

43 100

58 29.7 24.9 37.3



#17

Carbon Disulfide

Concen: 2.346 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007492.D

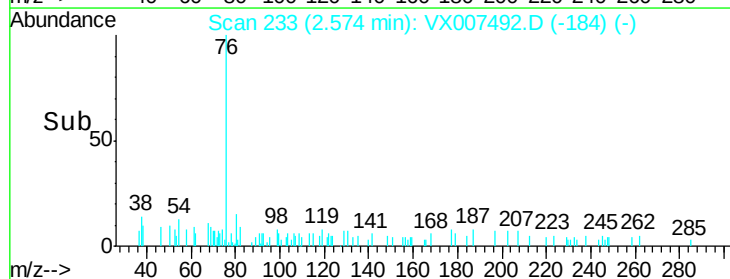
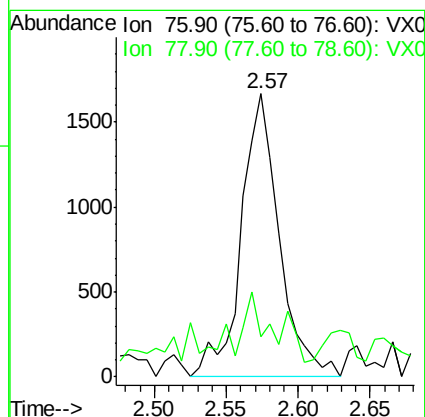
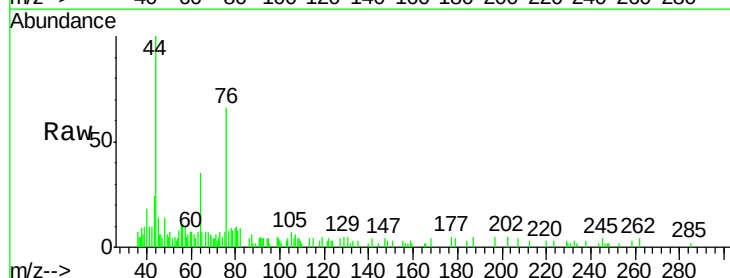
Acq: 12 Feb 2019 16:50

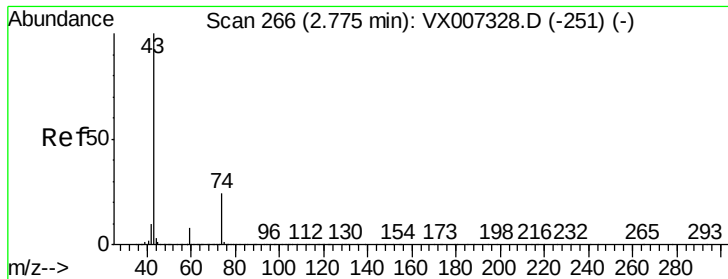
Tgt Ion: 76 Resp: 3056

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

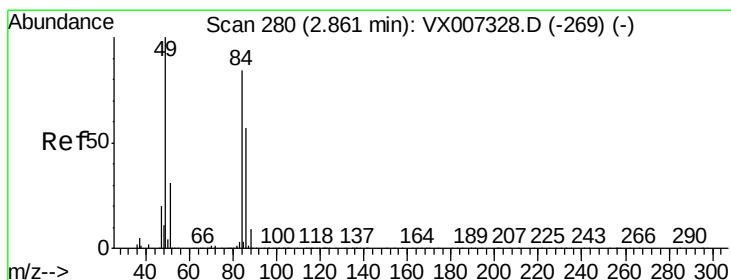
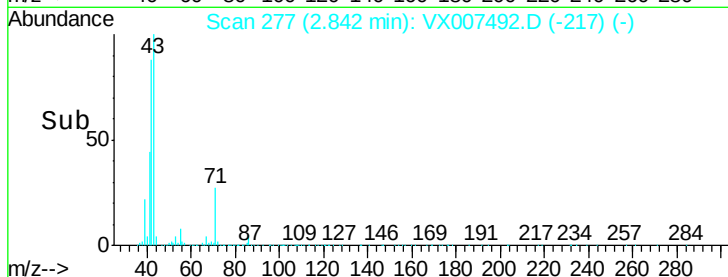
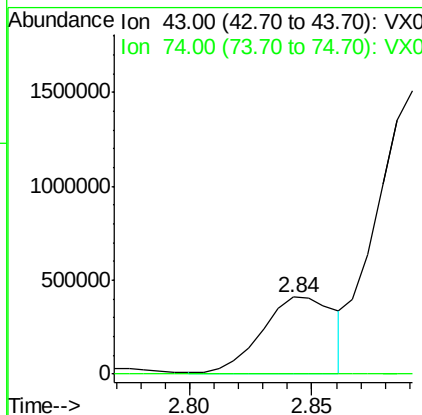
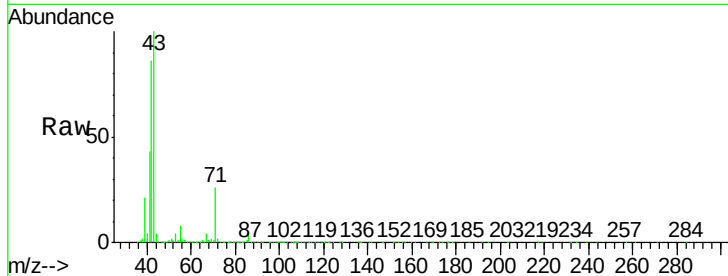




#18
Methyl Acetate
Concen: 129.219 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

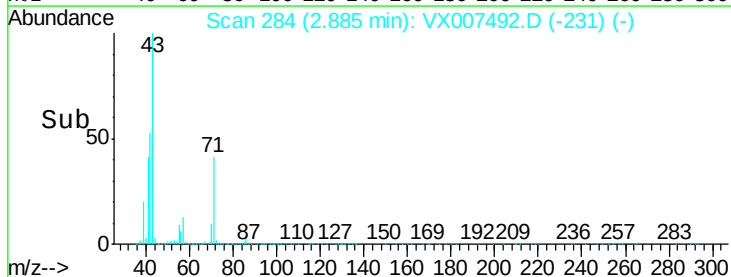
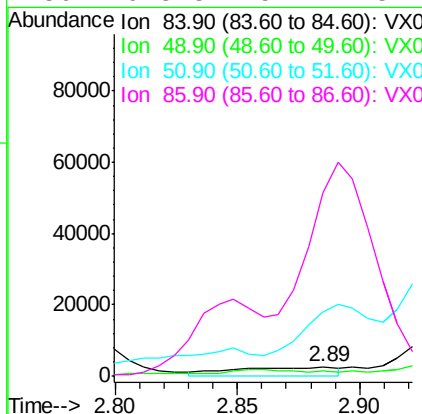
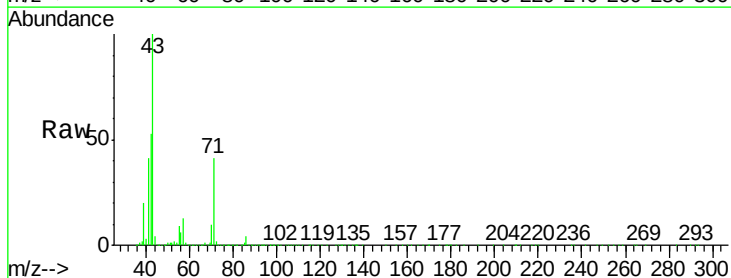
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

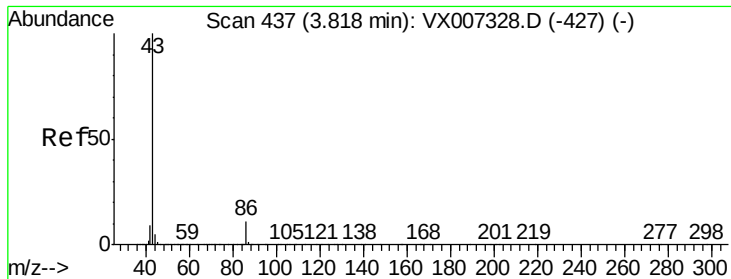
Tot Ion: 43 Resp: 860376
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 1.040 ug/l
RT: 2.89 min Scan# 284
Delta R.T. 0.03 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Tgt Ion: 84 Resp: 7383
Ion Ratio Lower Upper
84 100
49 56.2 94.8 142.2#
51 795.2 29.8 44.8#
86 2678.8 54.1 81.1#





#23

Vinyl Acetate

Concen: 0.836 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

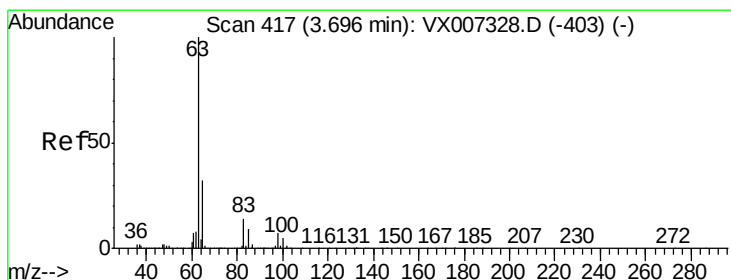
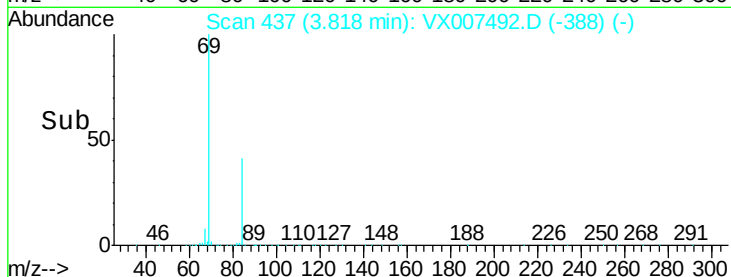
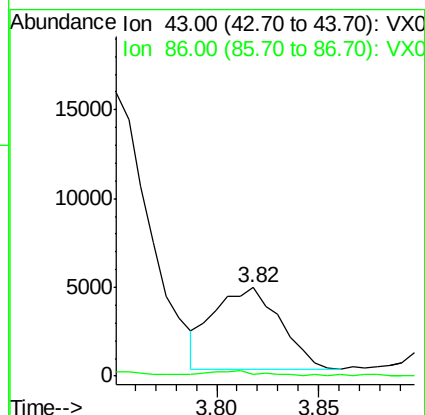
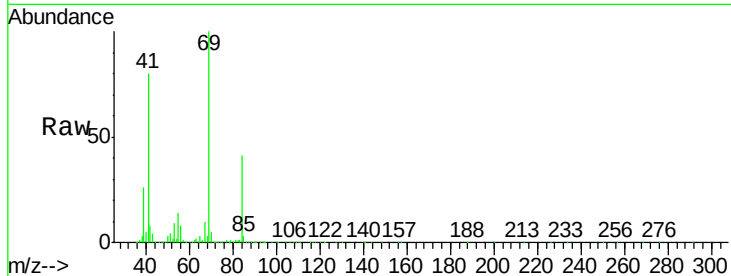
IDW-LIQUID-01

Tot Ion: 43 Resp: 10354

Ion Ratio Lower Upper

43 100

86 1.0 8.7 13.1#



#24

1,1-Dichloroethane

Concen: 0.294 ug/l

RT: 3.68 min Scan# 414

Delta R.T. -0.02 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

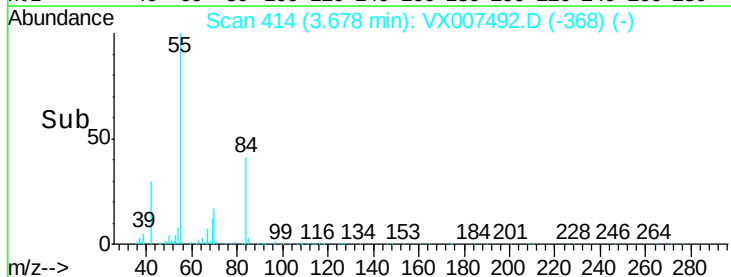
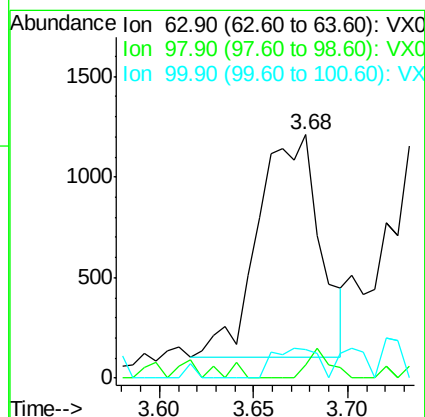
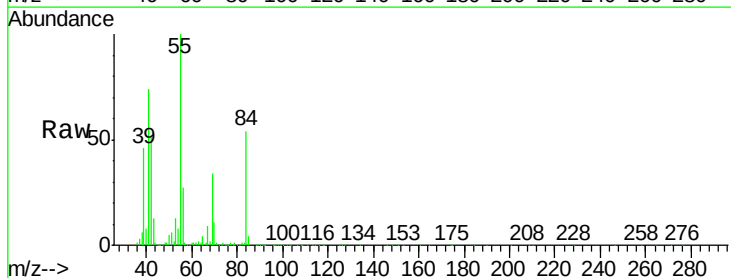
Tgt Ion: 63 Resp: 2523

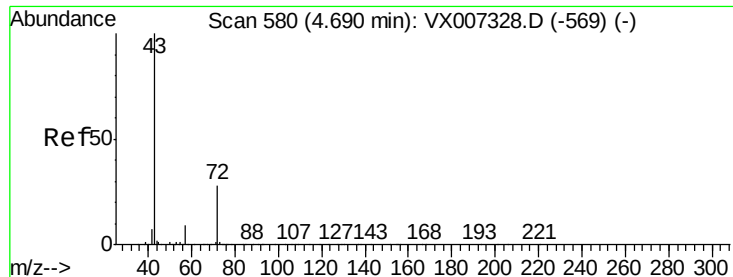
Ion Ratio Lower Upper

63 100

98 1.4 3.6 10.8#

100 6.7 2.5 7.4





#25

2-Butanone

Concen: 74.588 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

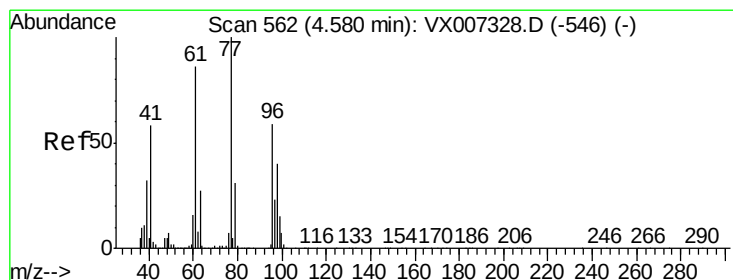
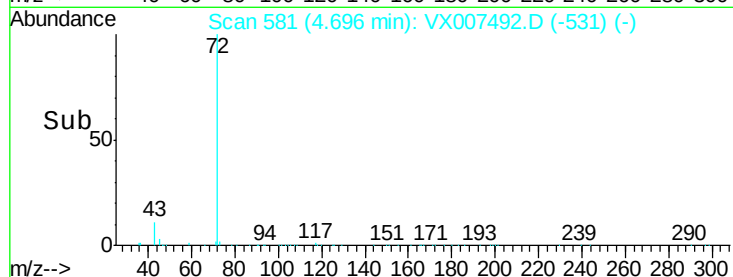
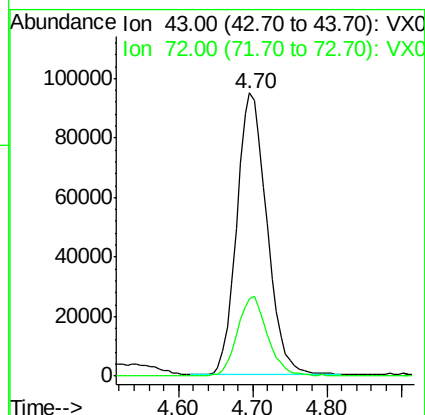
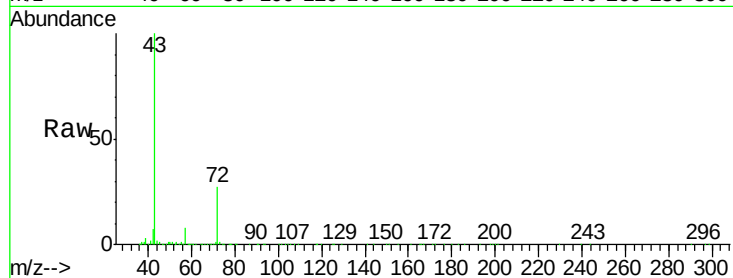
IDW-LIQUID-01

Tot Ion: 43 Resp: 269273

Ion Ratio Lower Upper

43 100

72 27.1 22.2 33.2



#26

2,2-Dichloropropane

Concen: 3.841 ug/l

RT: 4.40 min Scan# 533

Delta R.T. -0.18 min

Lab File: VX007492.D

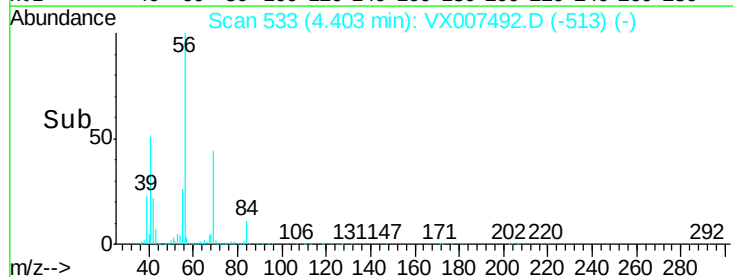
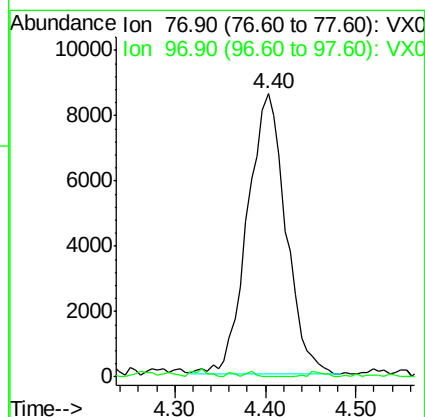
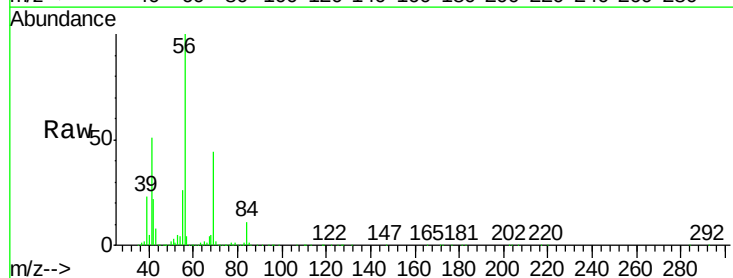
Acq: 12 Feb 2019 16:50

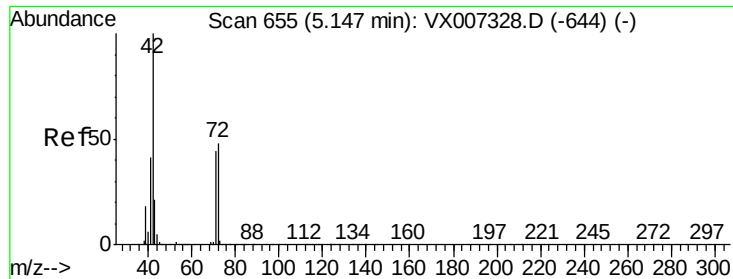
Tgt Ion: 77 Resp: 25078

Ion Ratio Lower Upper

77 100

97 0.5 12.1 36.3#





#29

Tetrahydrofuran

Concen: 4.681 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-LIQUID-01

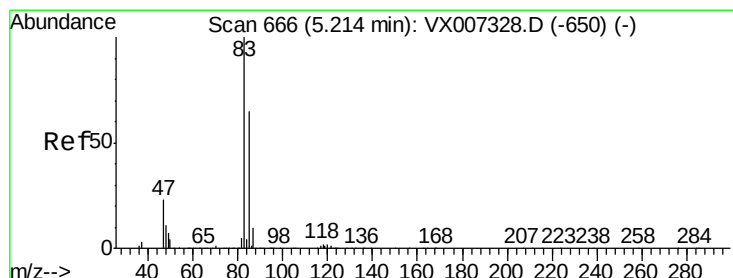
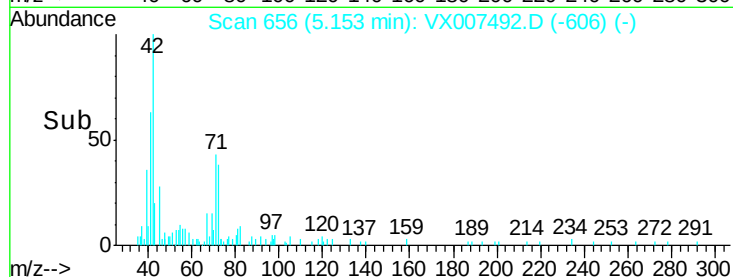
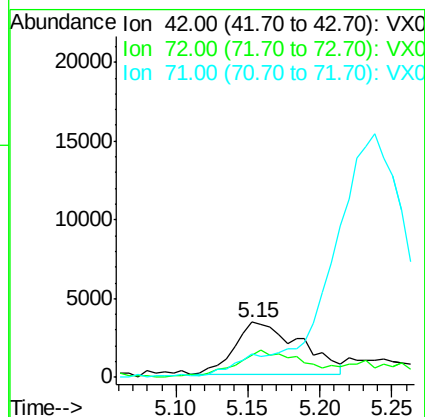
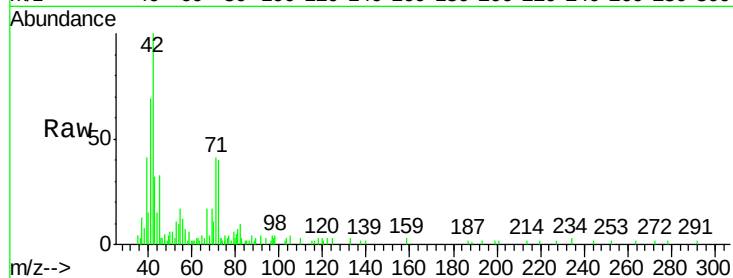
Tot Ion: 42 Resp: 10628

Ion Ratio Lower Upper

42 100

72 50.6 37.6 56.4

71 0.0 34.6 51.8#



#30

Chloroform

Concen: 3.026 ug/l

RT: 5.28 min Scan# 677

Delta R.T. 0.07 min

Lab File: VX007492.D

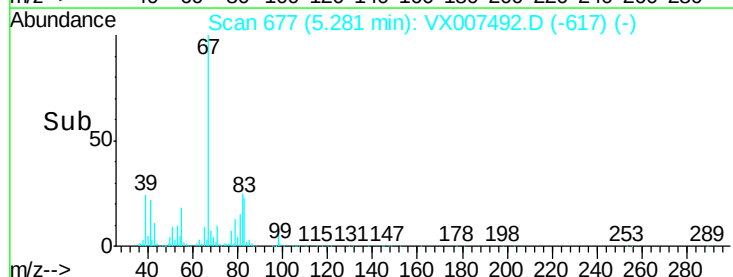
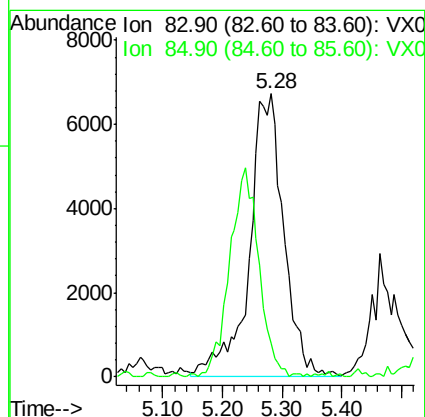
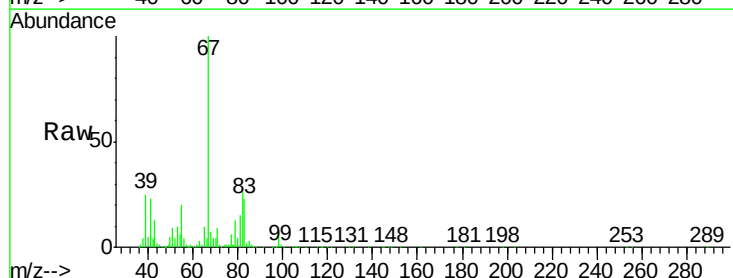
Acq: 12 Feb 2019 16:50

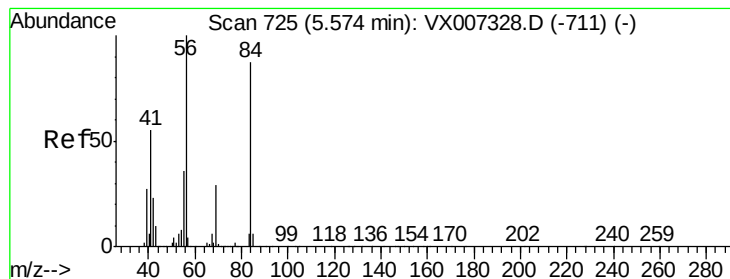
Tgt Ion: 83 Resp: 27073

Ion Ratio Lower Upper

83 100

85 11.0 51.6 77.4#





#31

Cyclohexane

Concen: 144.094 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-LIQUID-01

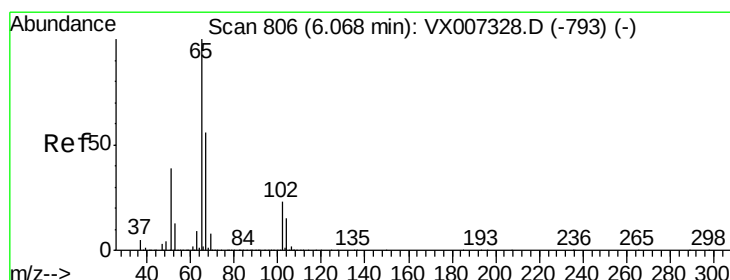
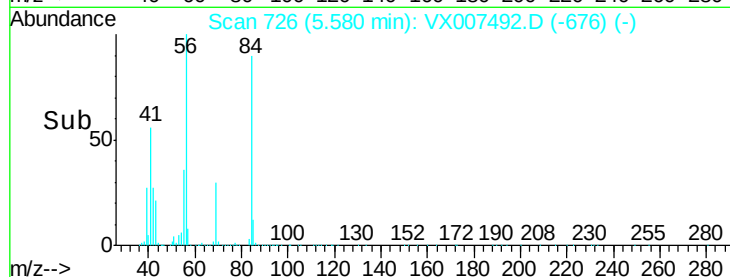
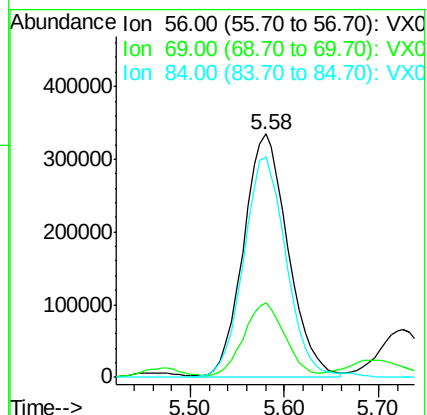
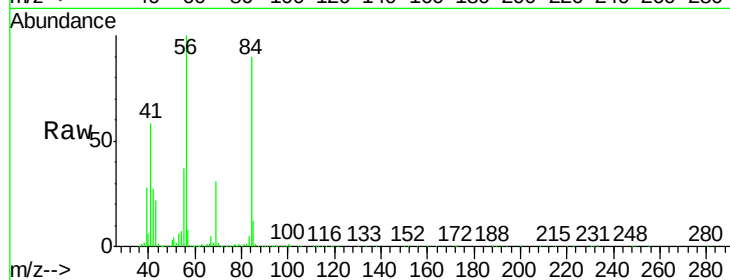
Tot Ion: 56 Resp: 1109655

Ion Ratio Lower Upper

56 100

69 29.2 23.0 34.6

84 90.8 69.8 104.6



#33

1,2-Dichloroethane-d4

Concen: 48.752 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007492.D

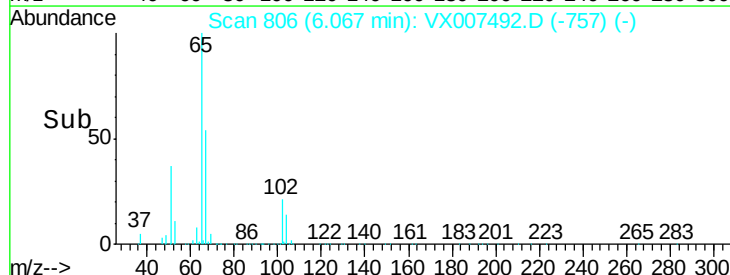
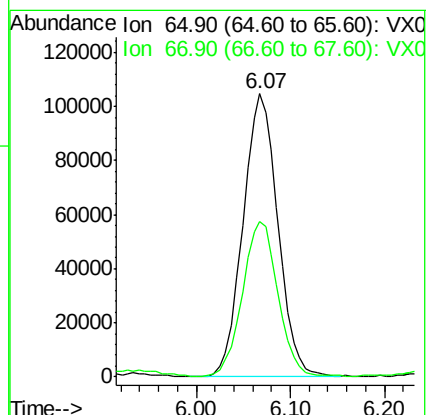
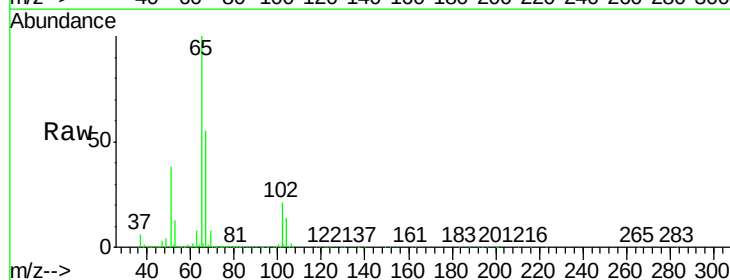
Acq: 12 Feb 2019 16:50

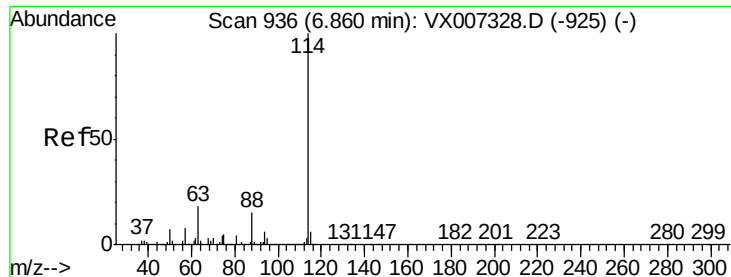
Tgt Ion: 65 Resp: 269988

Ion Ratio Lower Upper

65 100

67 55.5 0.0 108.8

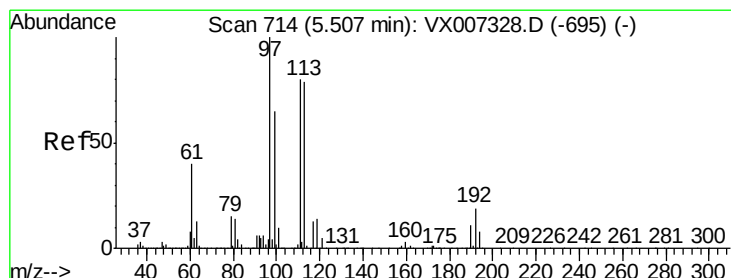
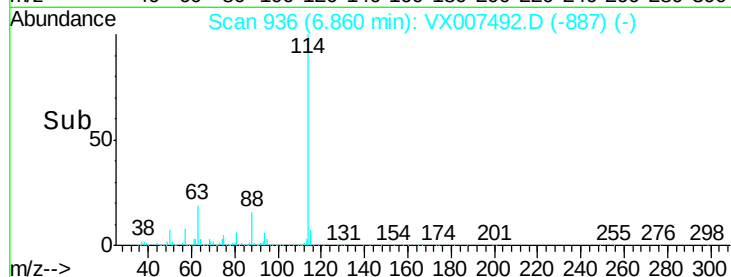
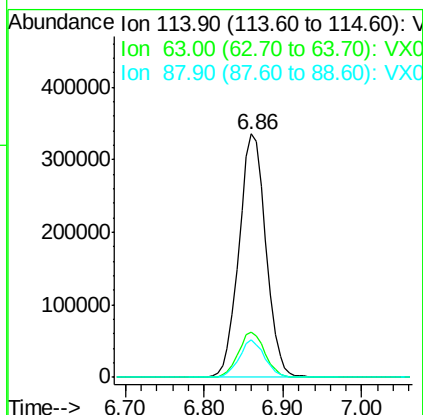
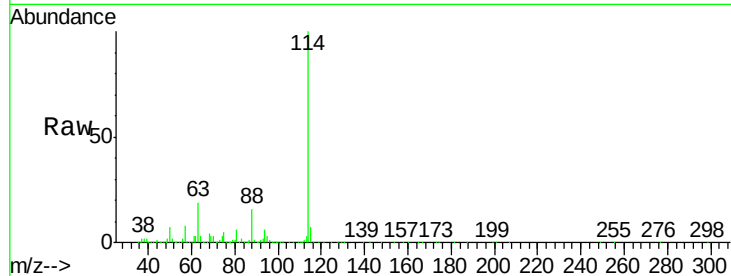




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

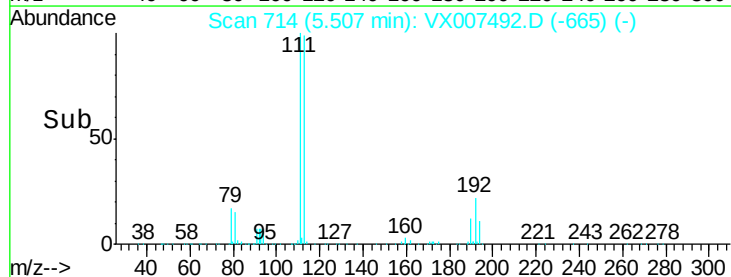
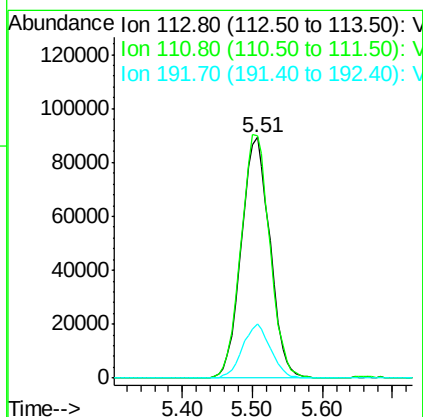
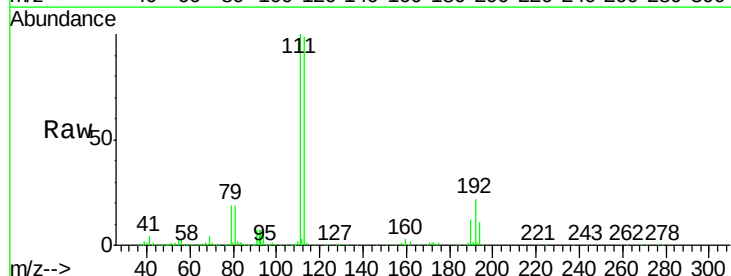
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQUID-01

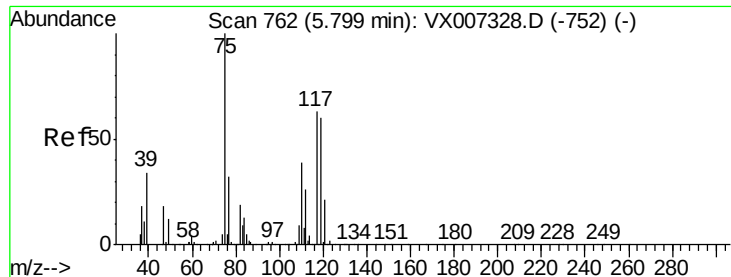
Tot Ion:114 Resp: 796180
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.6
 88 15.6 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 49.118 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

Tgt Ion:113 Resp: 254456
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 22.0 18.5 27.7

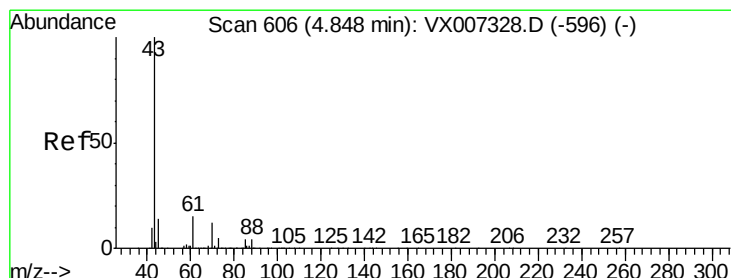
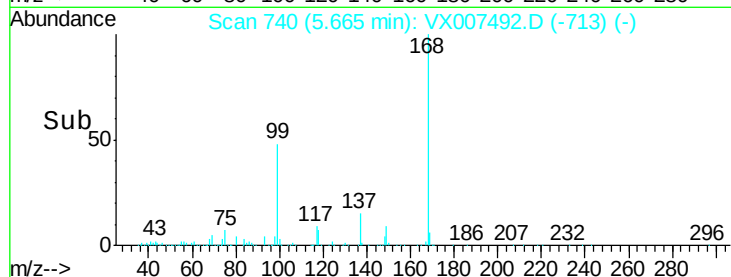
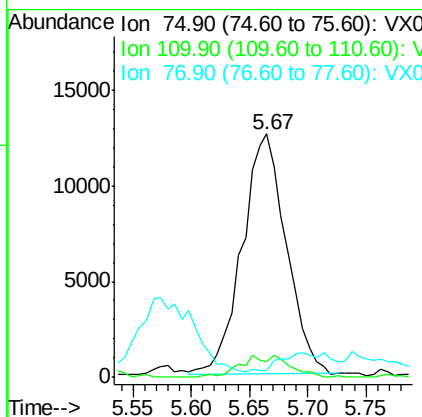
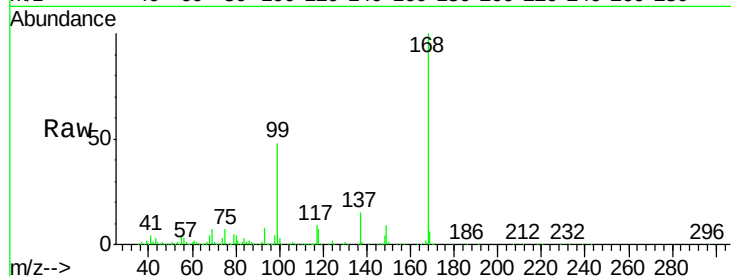




#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

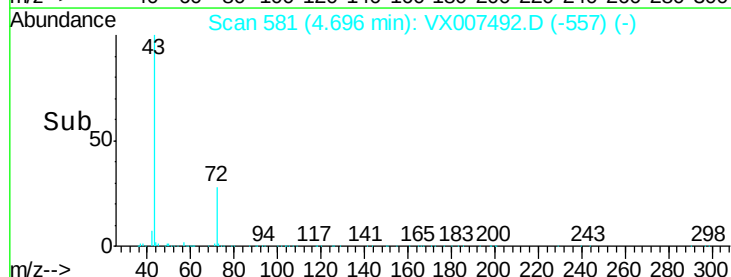
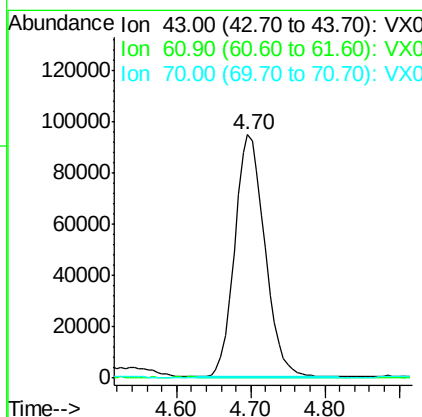
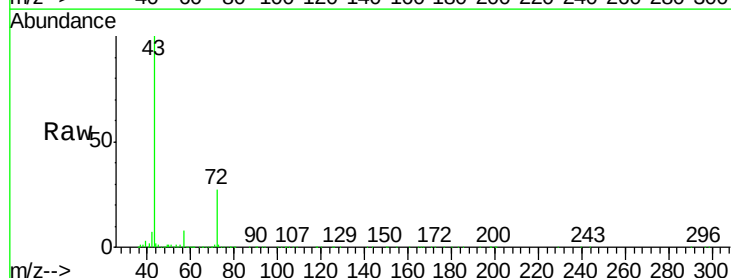
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQUID-01

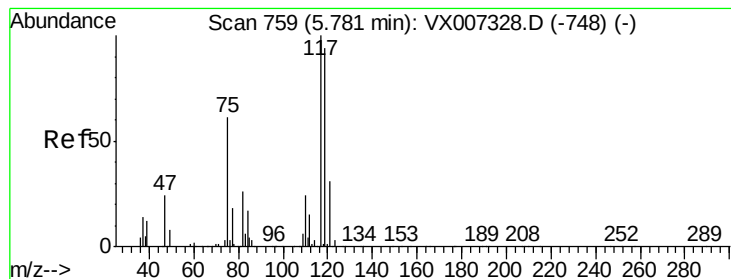
Tot Ion: 75 Resp: 32709
 Ion Ratio Lower Upper
 75 100
 110 5.8 20.0 59.9#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 37.289 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.15 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

Tgt Ion: 43 Resp: 269273
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.3 16.9#
 70 0.2 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 6.655 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-LIQUID-01

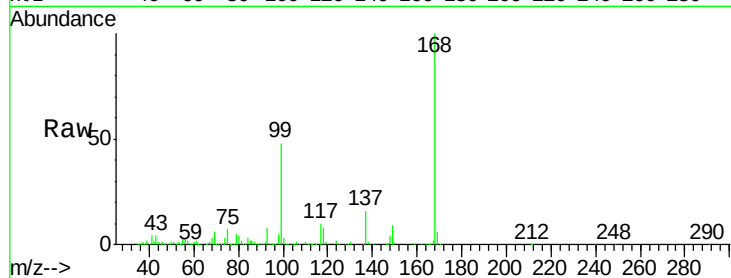
Tot Ion:117 Resp: 46120

Ion Ratio Lower Upper

117 100

119 5.3 75.3 112.9#

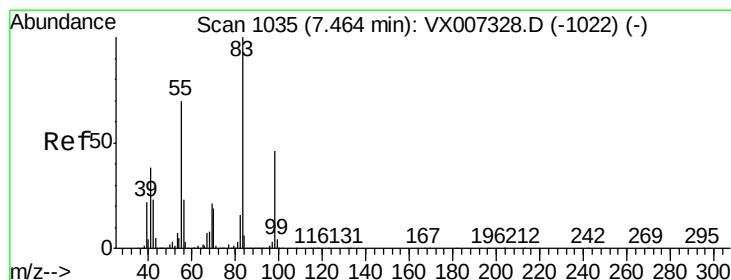
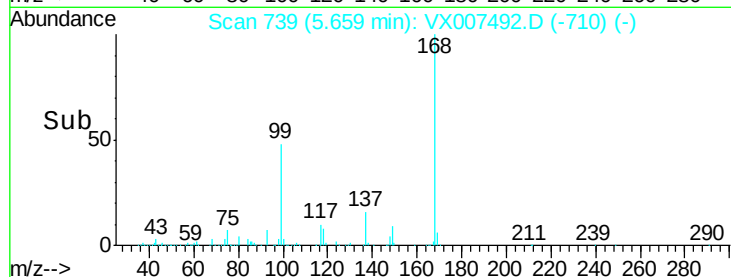
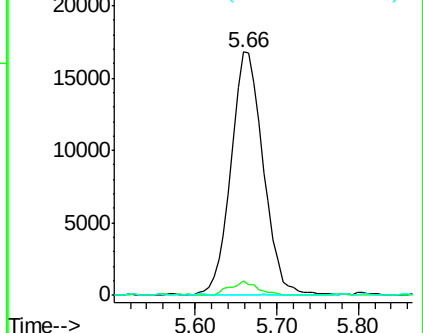
121 0.0 25.0 37.4#



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: 87.677 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

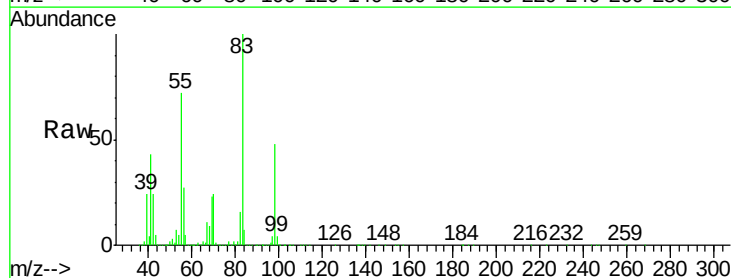
Tgt Ion: 83 Resp: 757802

Ion Ratio Lower Upper

83 100

55 72.3 56.2 84.2

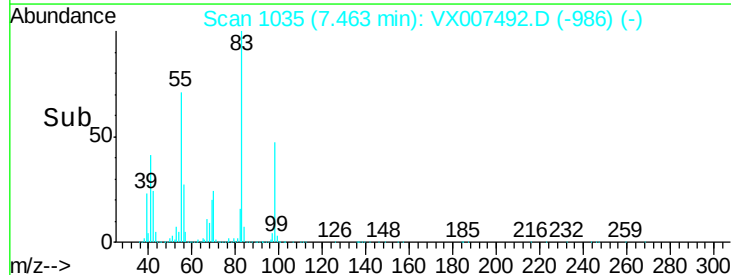
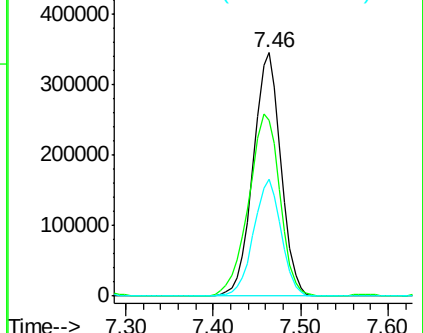
98 48.1 36.8 55.2

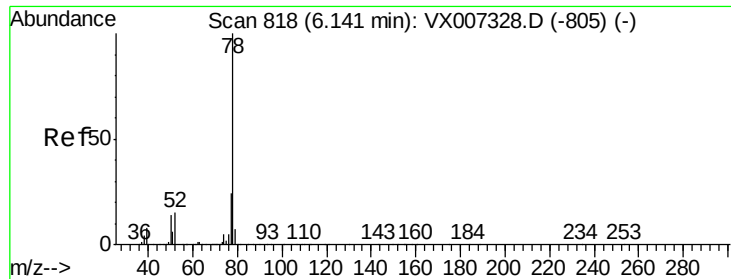


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.981 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

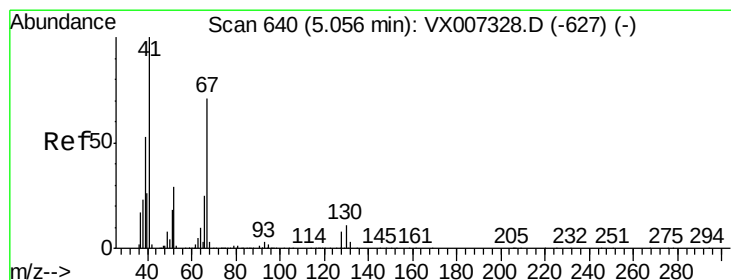
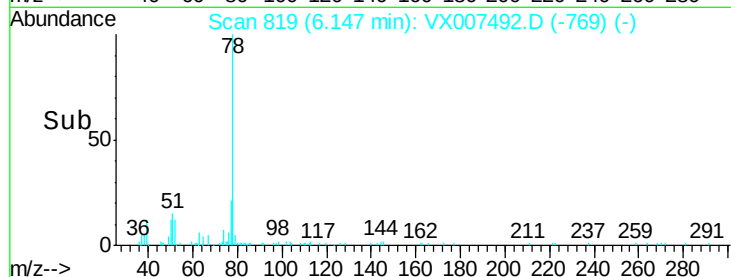
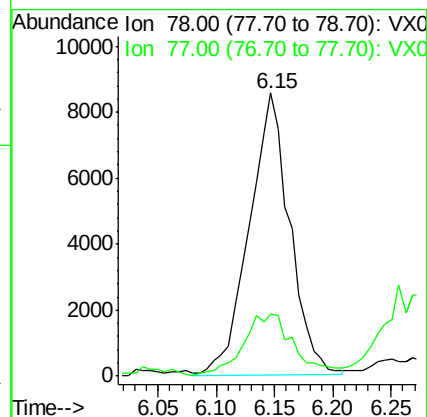
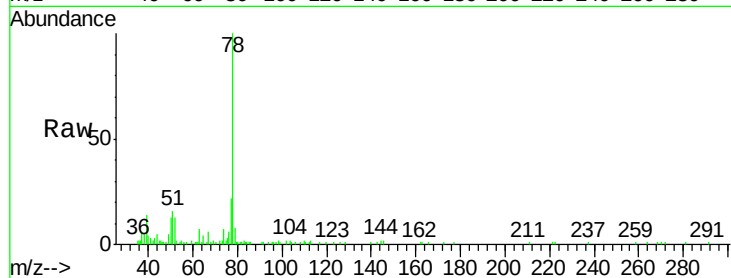
IDW-LIQUID-01

Tot Ion: 78 Resp: 20648

Ion Ratio Lower Upper

78 100

77 22.0 19.3 28.9



#41

Methacrylonitrile

Concen: 0.433 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Tgt Ion: 41 Resp: 1674

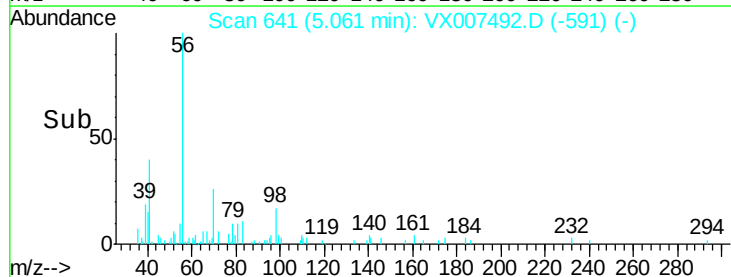
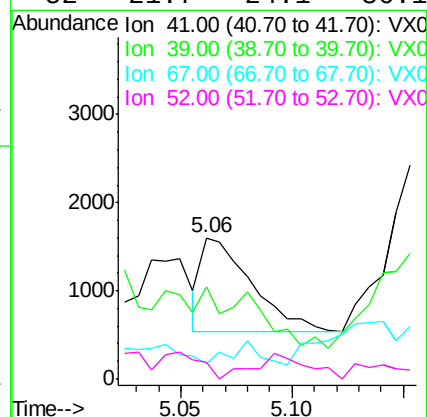
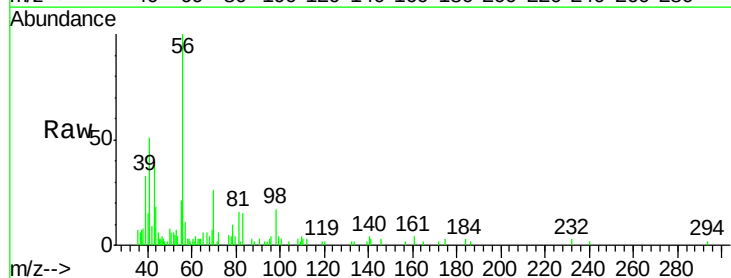
Ion Ratio Lower Upper

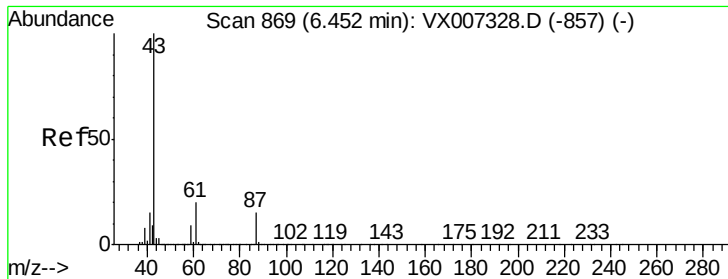
41 100

39 0.0 44.5 66.7#

67 0.0 60.4 90.6#

52 21.7 24.1 36.1#





#43

Isopropyl Acetate

Concen: 2.649 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-LIQUID-01

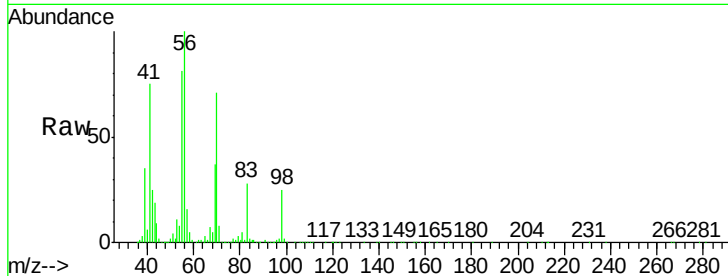
Tot Ion: 43 Resp: 29527

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

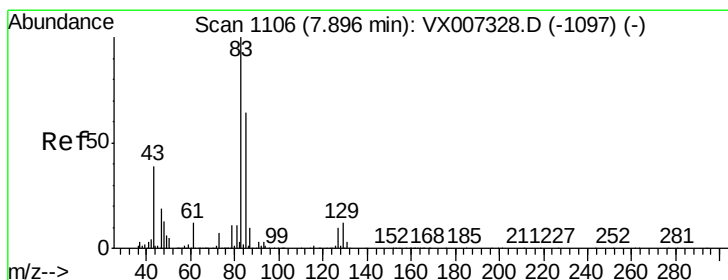
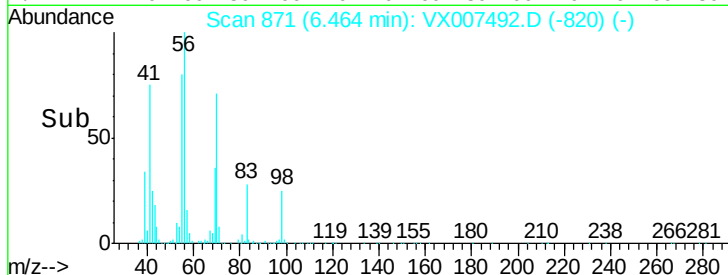
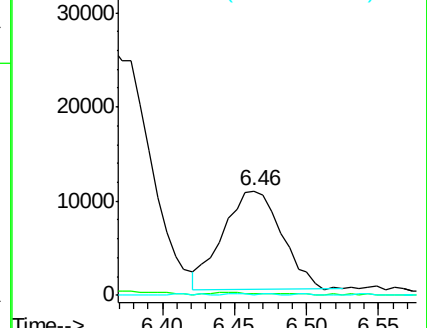
87 0.4 11.5 17.3#



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: 0.551 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

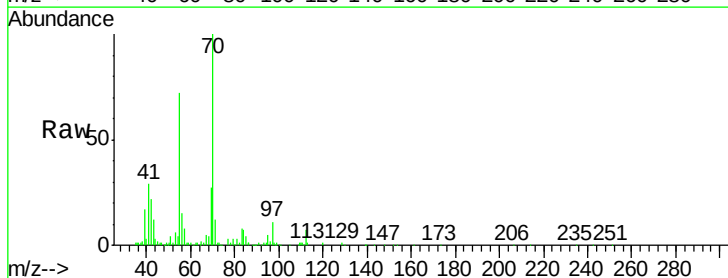
Tgt Ion: 83 Resp: 3580

Ion Ratio Lower Upper

83 100

85 51.6 51.4 77.0

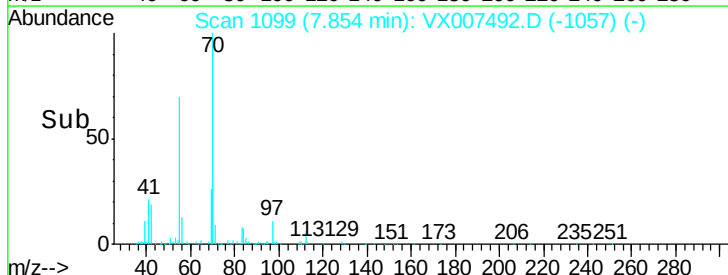
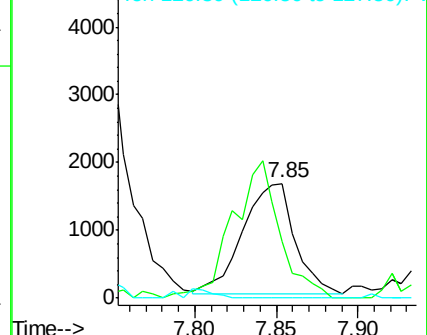
127 0.0 8.1 12.1#

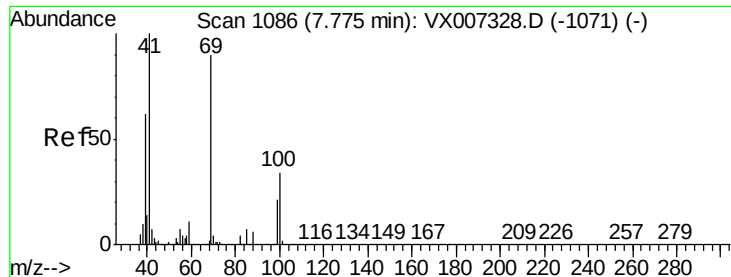


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

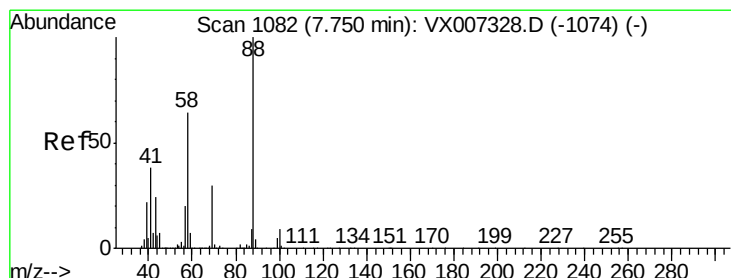
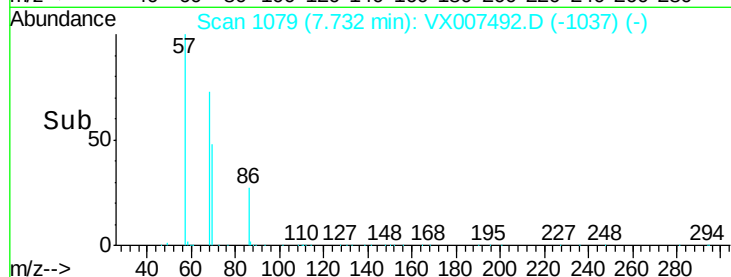
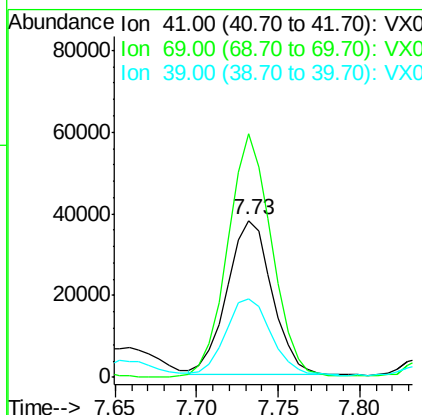
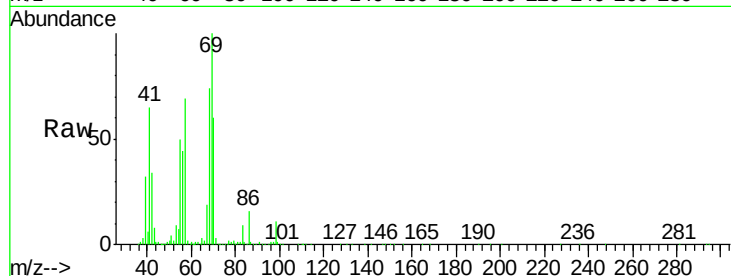




#48
Methvl methacrylate
Concen: 13.061 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

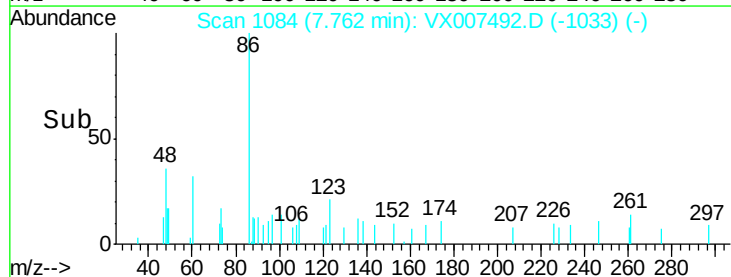
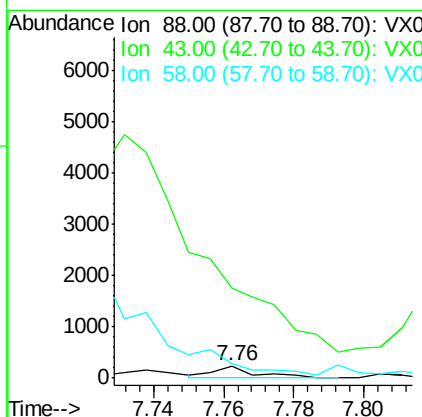
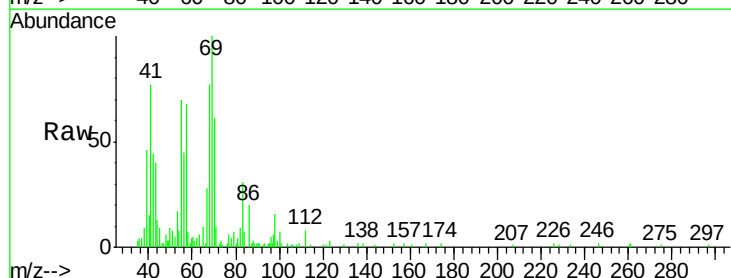
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

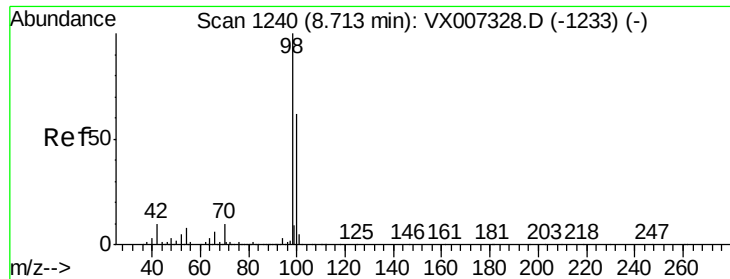
Tot Ion: 41 Resp: 72821
Ion Ratio Lower Upper
41 100
69 153.0 70.2 105.4#
39 50.2 47.4 71.0



#49
1,4-Dioxane
Concen: 8.524 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Tgt Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 53.0 79.4#

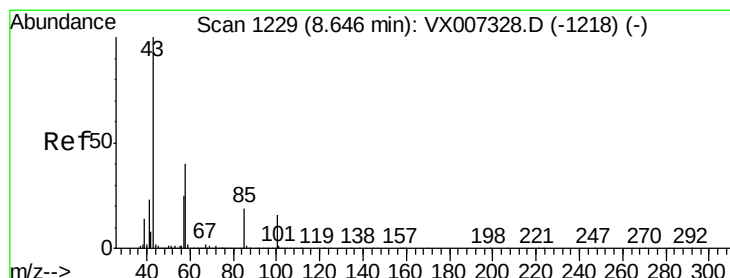
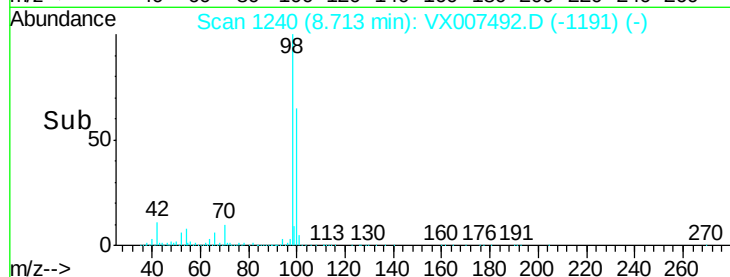
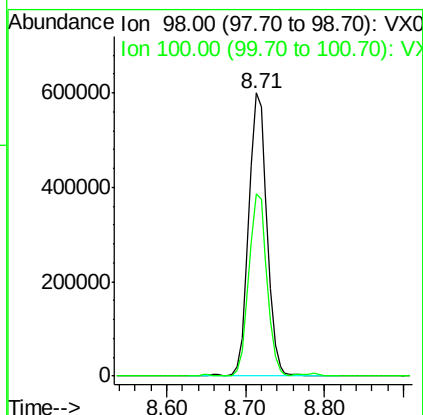
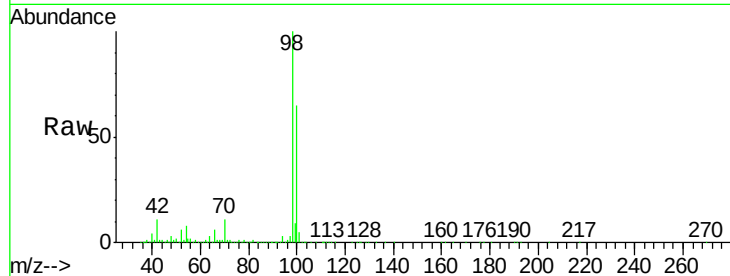




#50
Toluene-d8
Concen: 50.360 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

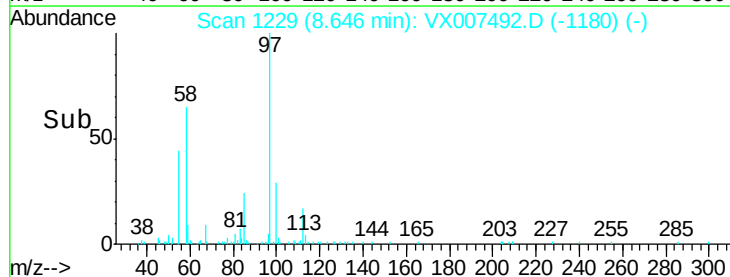
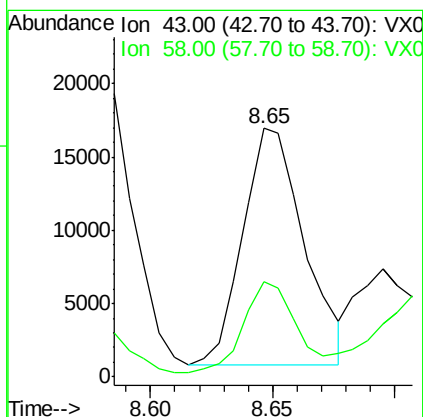
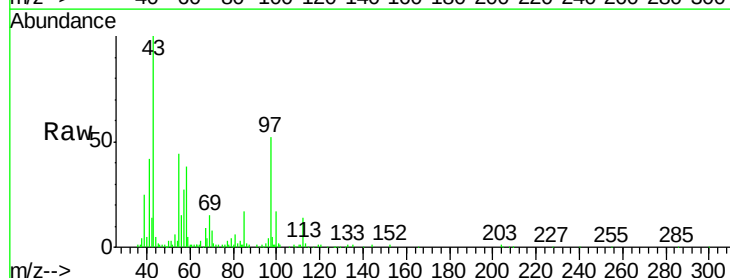
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

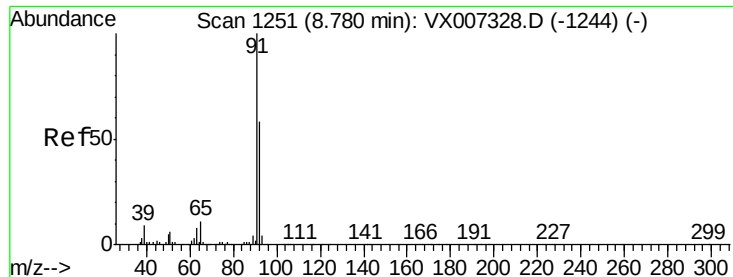
Tot Ion: 98 Resp: 967948
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 3.837 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Tgt Ion: 43 Resp: 28152
Ion Ratio Lower Upper
43 100
58 33.3 31.2 46.8





#52

Toluene

Concen: 546.574 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

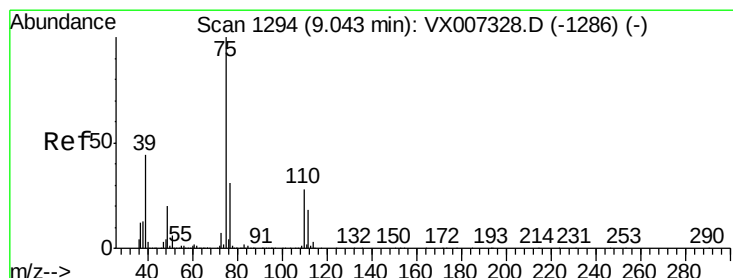
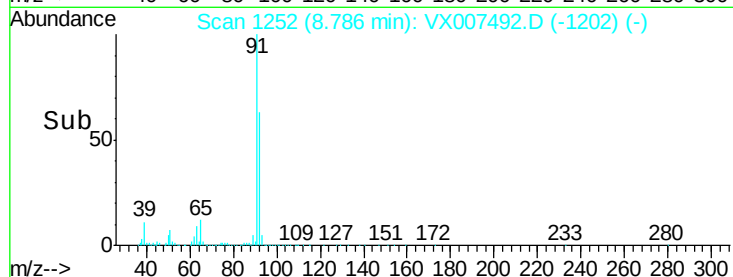
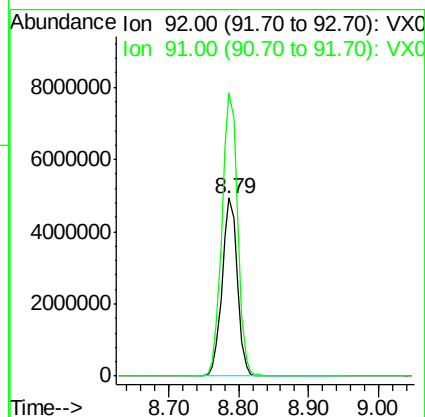
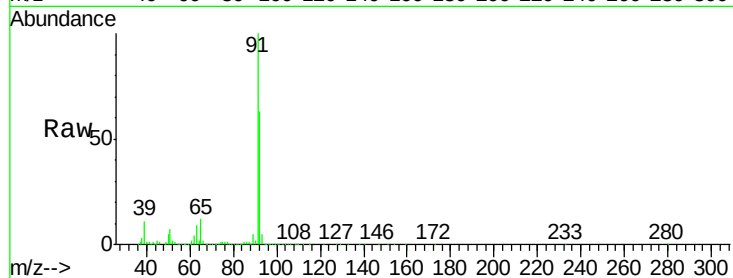
IDW-LIQUID-01

Tot Ion: 92 Resp: 7420688

Ion Ratio Lower Upper

92 100

91 165.3 139.1 208.7



#53

t-1,3-Dichloropropene

Concen: 12.480 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX007492.D

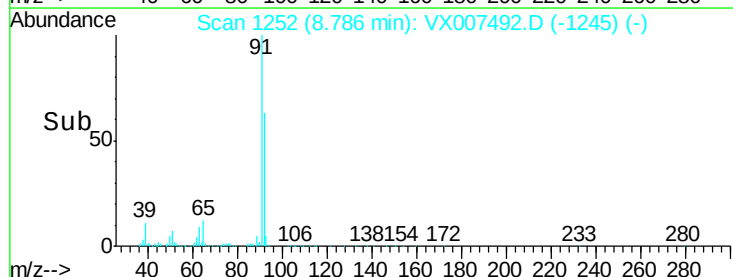
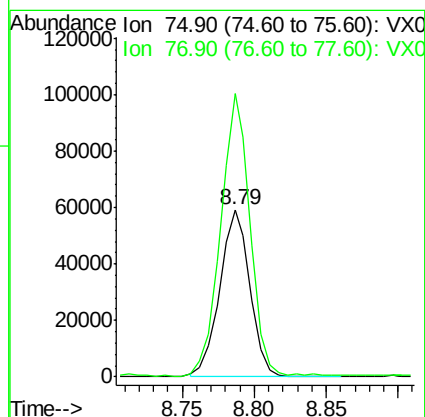
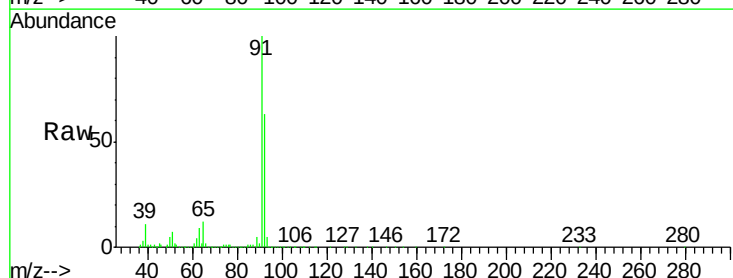
Acq: 12 Feb 2019 16:50

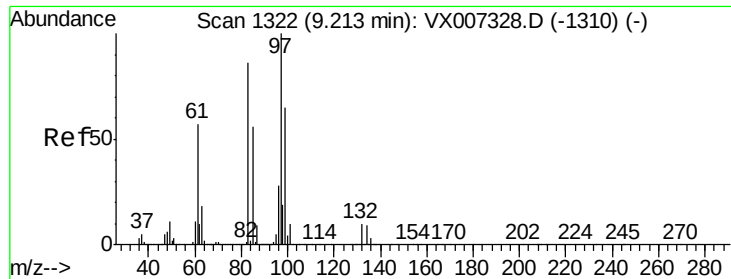
Tgt Ion: 75 Resp: 87060

Ion Ratio Lower Upper

75 100

77 168.5 25.2 37.8#

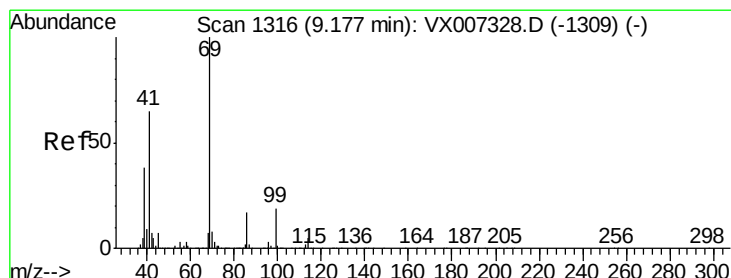
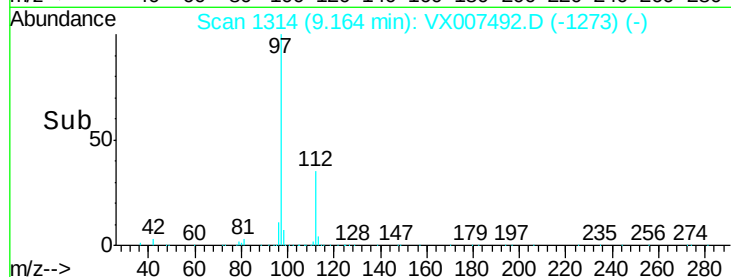
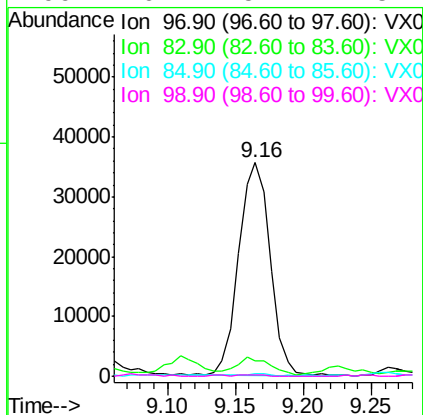
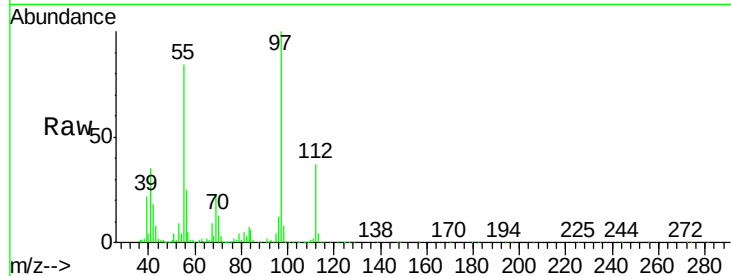




#55
 1,1,2-Trichloroethane
 Concen: 10.200 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

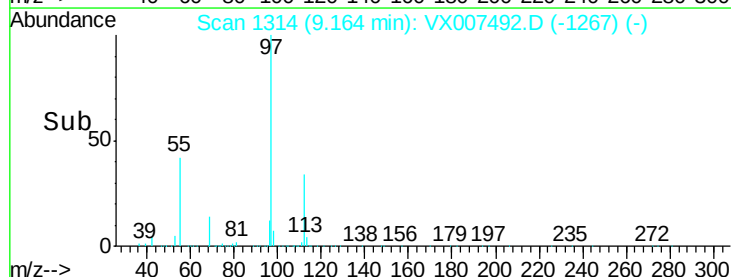
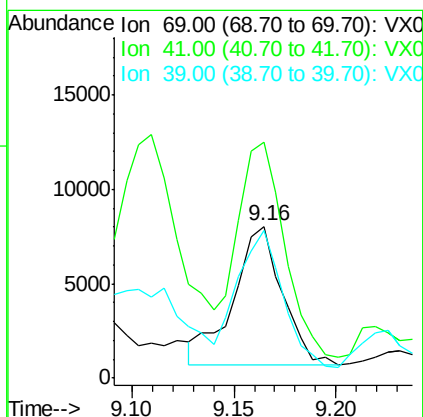
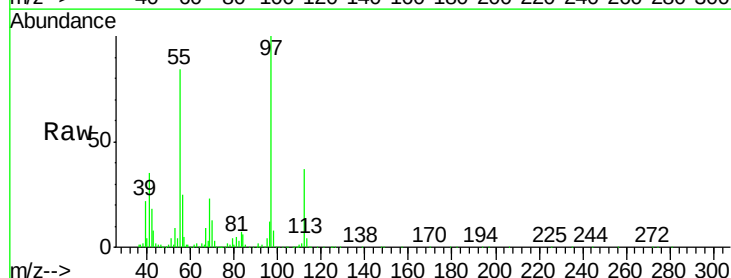
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQUID-01

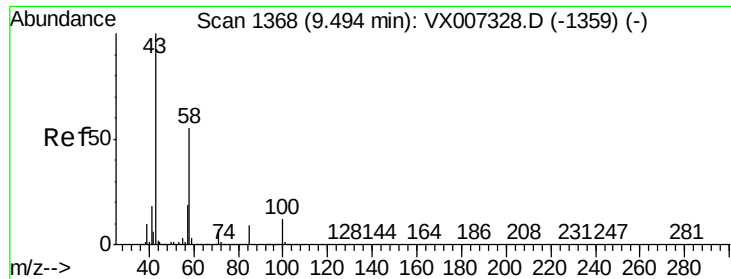
Tot Ion: 97 Resp: 57723
 Ion Ratio Lower Upper
 97 100
 83 2.7 68.6 102.8#
 85 0.8 44.5 66.7#
 99 0.2 52.2 78.4#



#56
 Ethyl methacrylate
 Concen: 1.587 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

Tgt Ion: 69 Resp: 12437
 Ion Ratio Lower Upper
 69 100
 41 147.5 52.1 78.1#
 39 90.6 30.1 45.1#

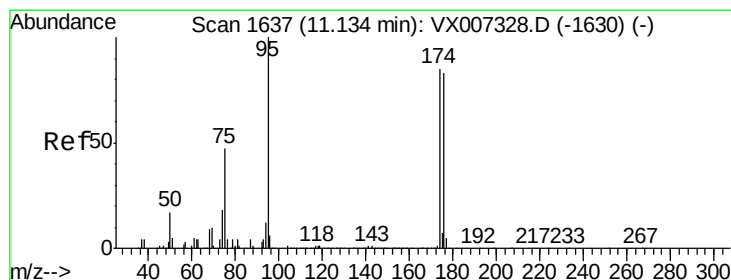
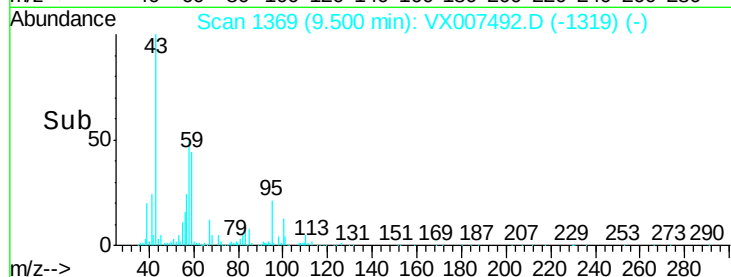
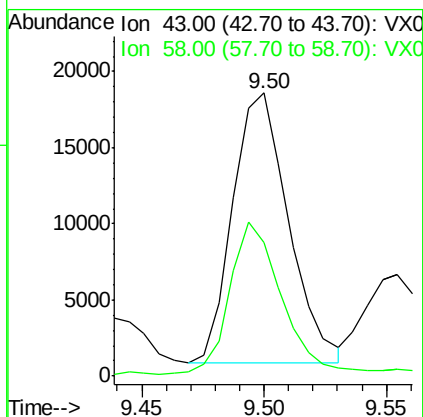
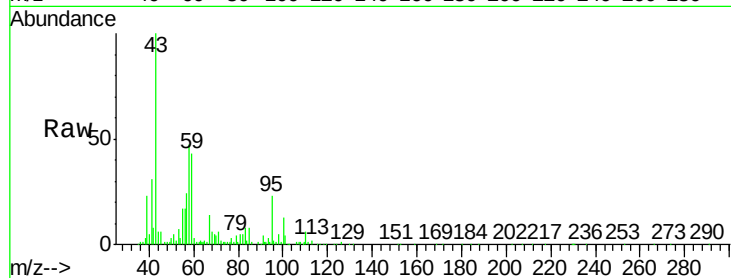




#59
2-Hexanone
Concen: 4.917 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

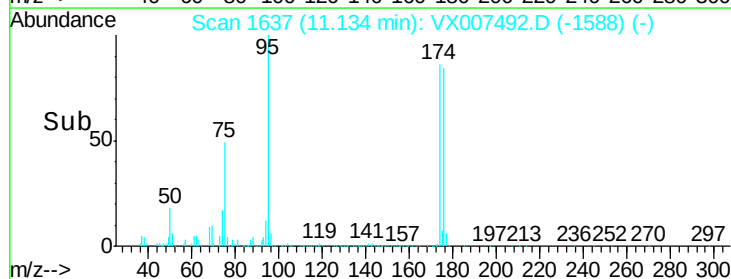
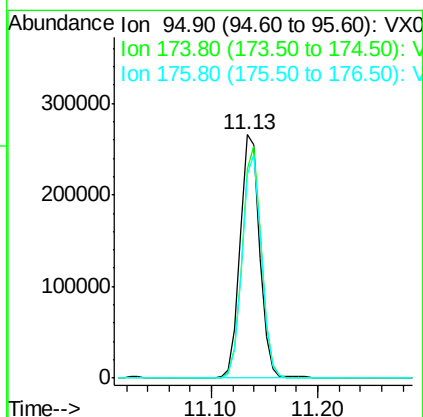
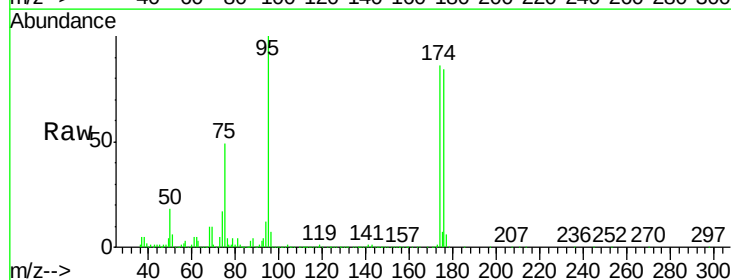
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

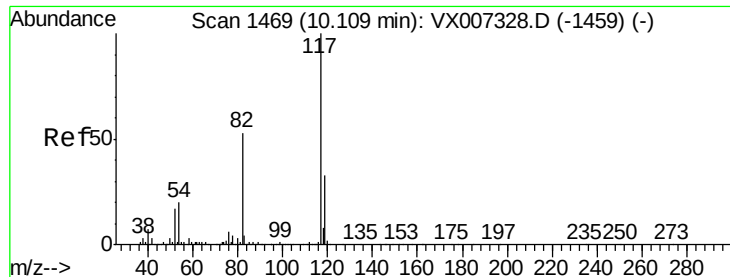
Tot Ion: 43 Resp: 28076
Ion Ratio Lower Upper
43 100
58 52.4 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Tgt Ion: 95 Resp: 344178
Ion Ratio Lower Upper
95 100
174 92.8 0.0 189.2
176 90.6 0.0 186.2

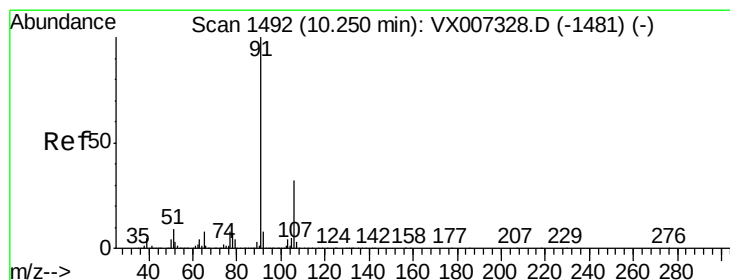
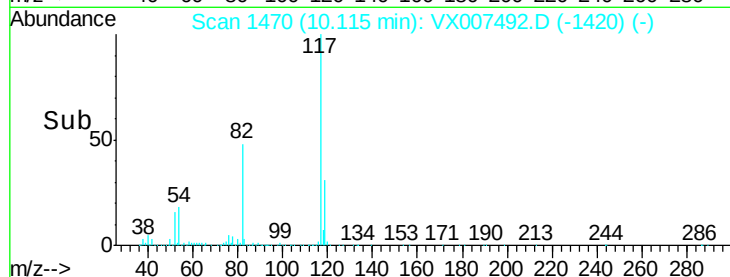
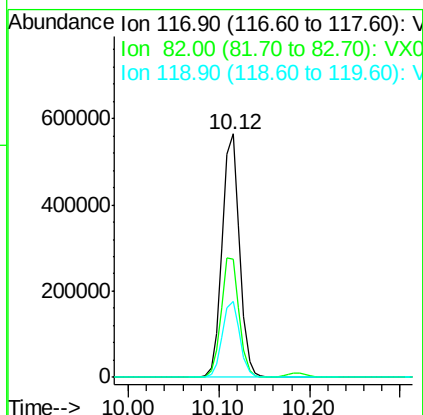
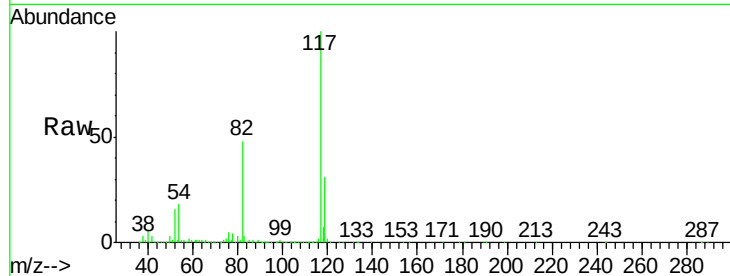




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

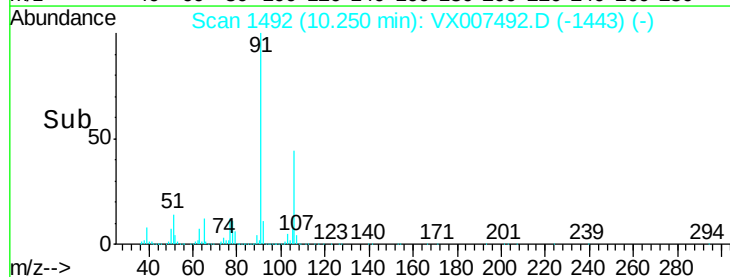
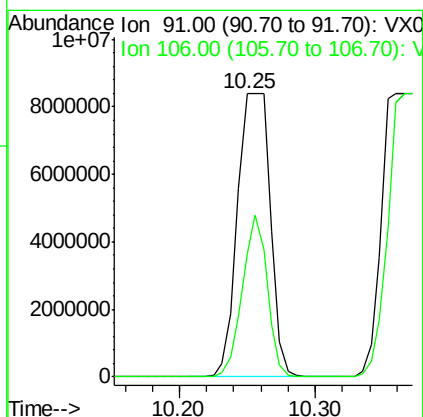
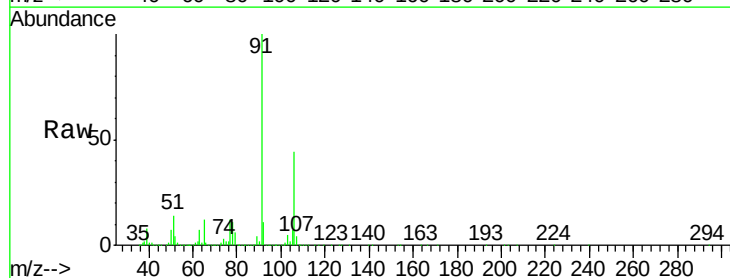
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

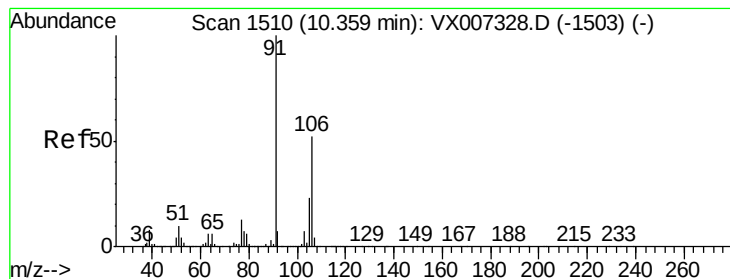
Tot Ion:117 Resp: 754665
Ion Ratio Lower Upper
117 100
82 48.3 42.1 63.1
119 31.4 26.5 39.7



#67
Ethyl Benzene
Concen: 534.439 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Tgt Ion: 91 Resp:14173375
Ion Ratio Lower Upper
91 100
106 43.6 25.4 38.0#





#68

m/p-Xylenes

Concen: 1270.453 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

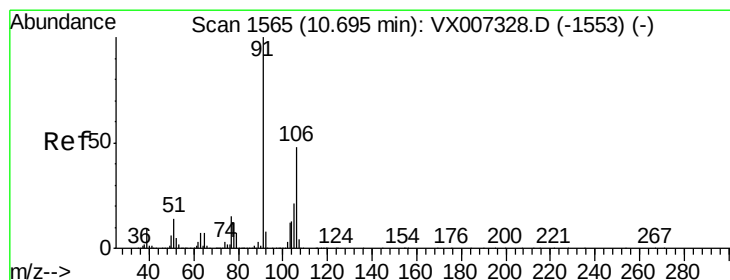
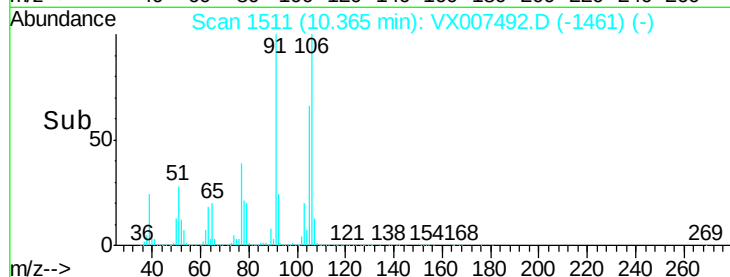
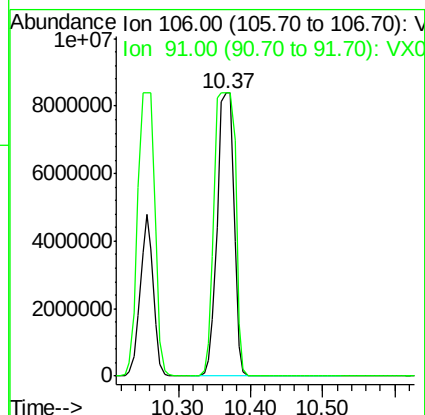
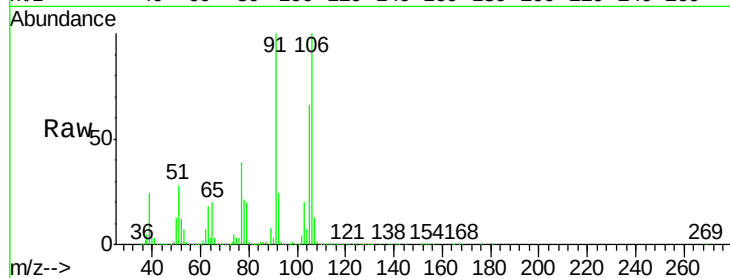
IDW-LIQUID-01

Tot Ion:106 Resp:13393218

Ion Ratio Lower Upper

106 100

91 128.4 156.6 234.8#



#69

o-Xylene

Concen: 264.323 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007492.D

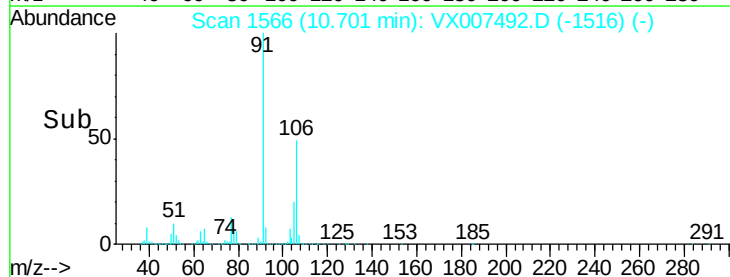
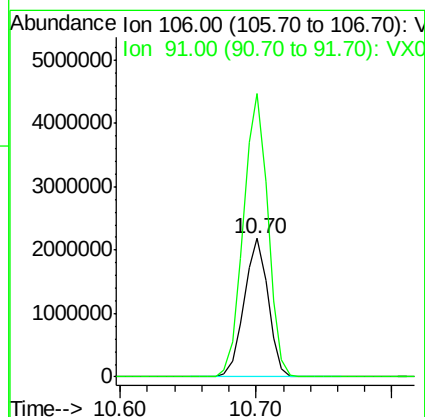
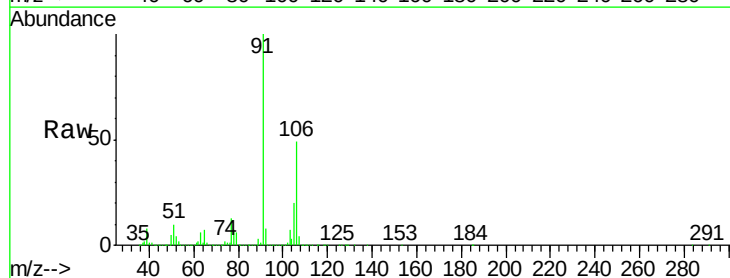
Acq: 12 Feb 2019 16:50

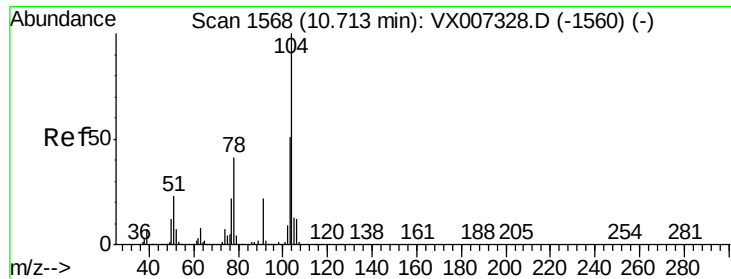
Tgt Ion:106 Resp: 2681322

Ion Ratio Lower Upper

106 100

91 208.9 102.9 308.7





#70

Stvrene

Concen: 9.787 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-LIQUID-01

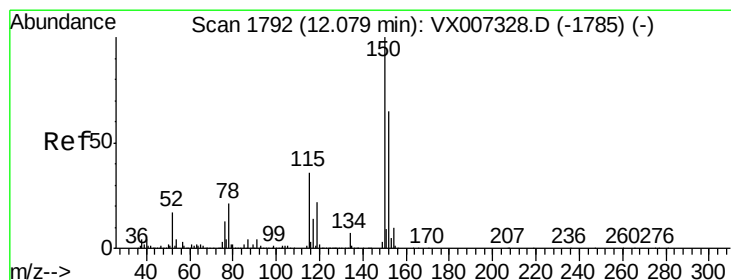
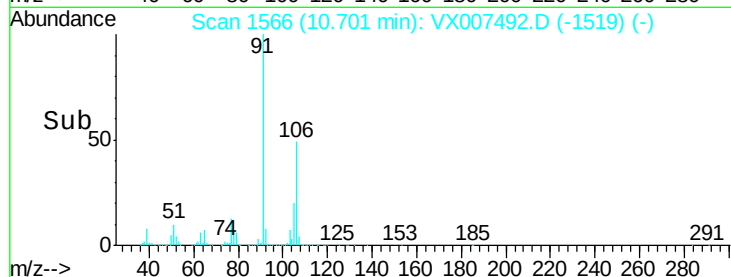
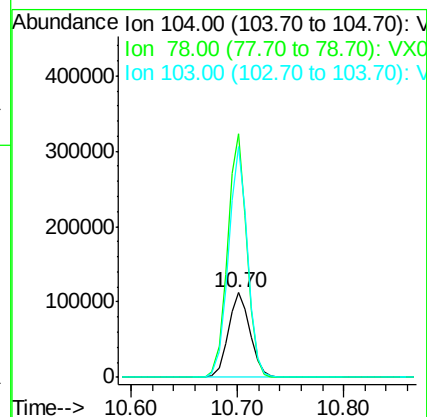
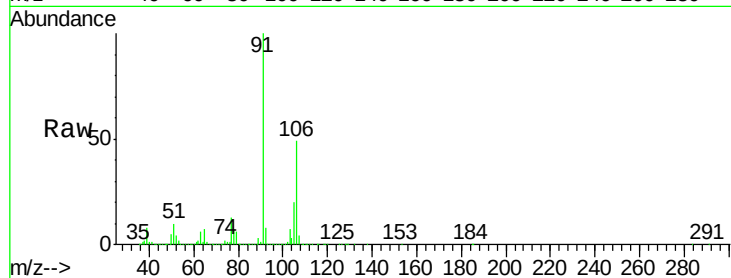
Tot Ion:104 Resp: 161006

Ion Ratio Lower Upper

104 100

78 253.0 38.3 57.5#

103 238.0 44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

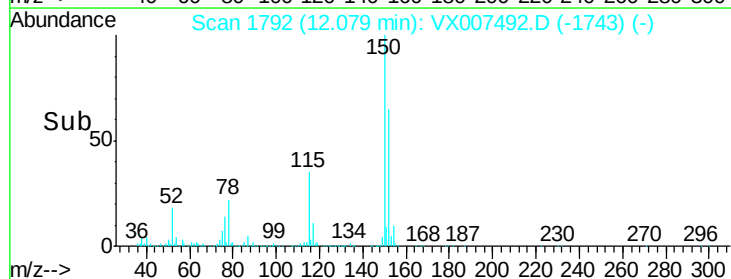
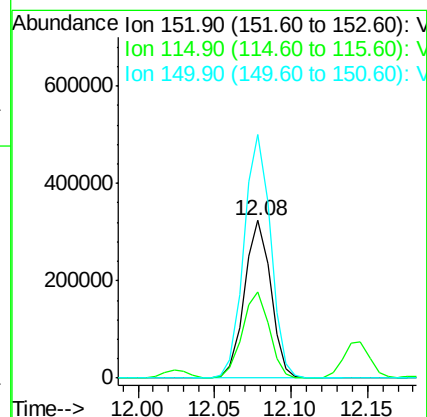
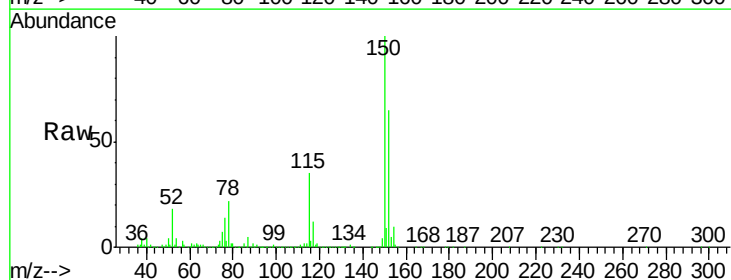
Tgt Ion:152 Resp: 385337

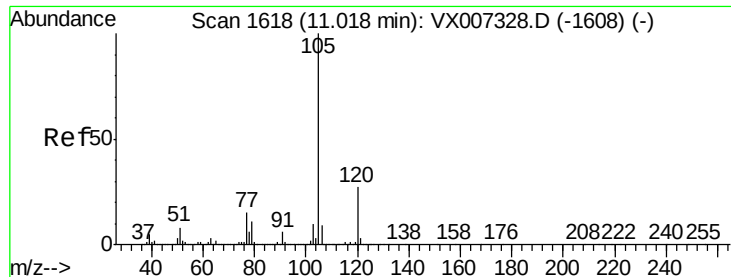
Ion Ratio Lower Upper

152 100

115 55.8 38.0 114.0

150 157.0 0.0 346.4





#73

Isopropylbenzene

Concen: 37.901 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

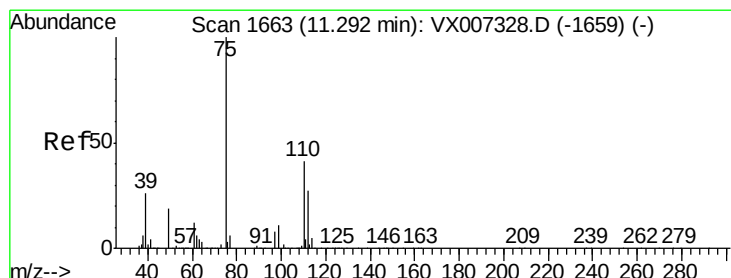
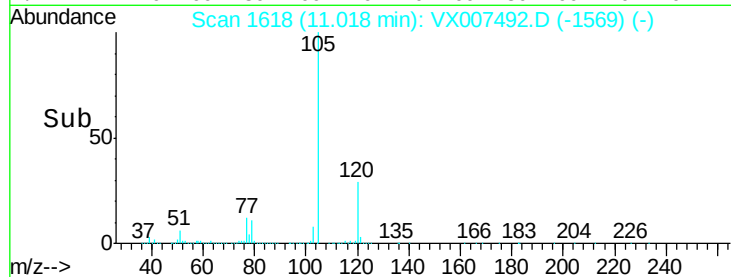
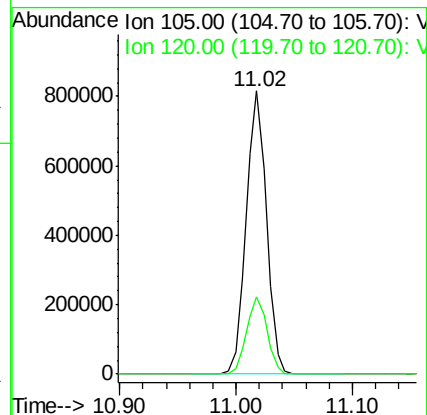
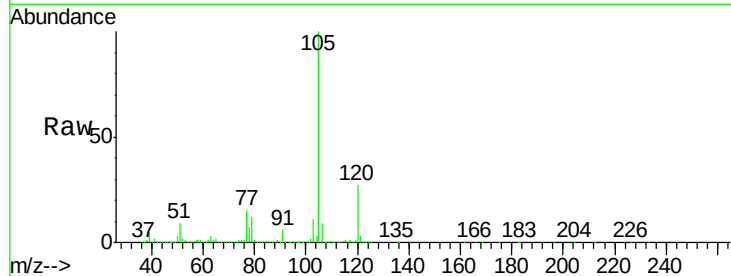
IDW-LIQUID-01

Tot Ion:105 Resp: 992456

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#76

1,2,3-Trichloropropane

Concen: 2.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX007492.D

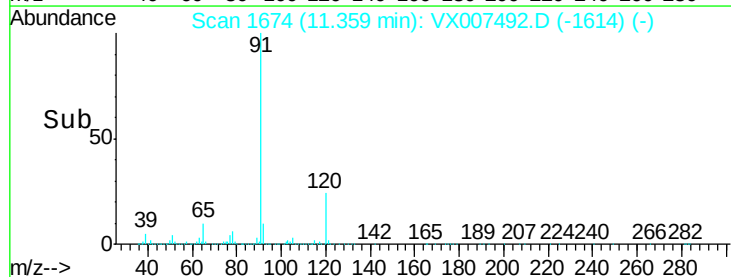
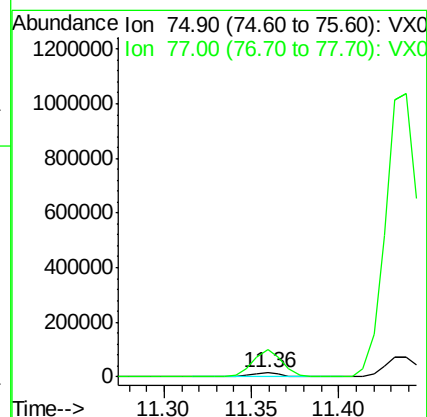
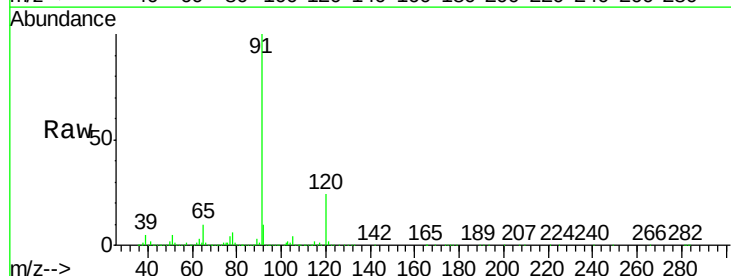
Acq: 12 Feb 2019 16:50

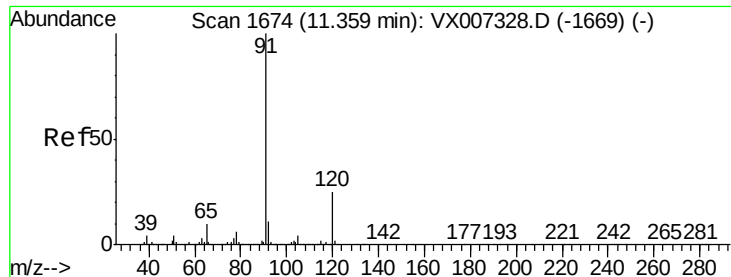
Tgt Ion: 75 Resp: 17105

Ion Ratio Lower Upper

75 100

77 680.6 23.0 69.0#





#78

n-propylbenzene

Concen: 104.926 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

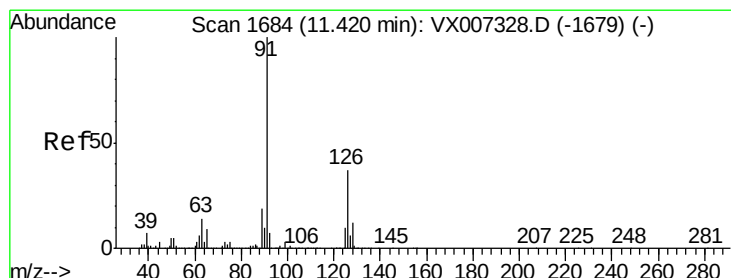
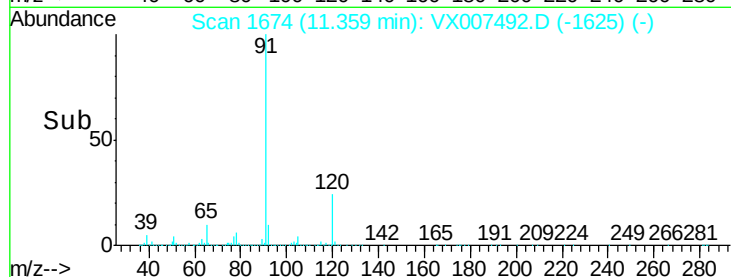
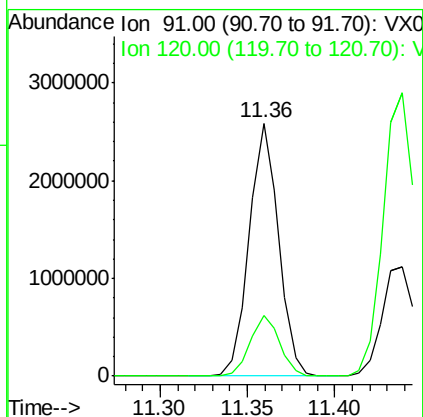
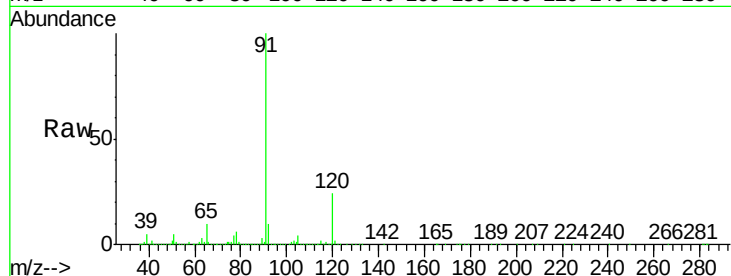
IDW-LIQUID-01

Tot Ion: 91 Resp: 3012865

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.2



#79

2-Chlorotoluene

Concen: 104.749 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX007492.D

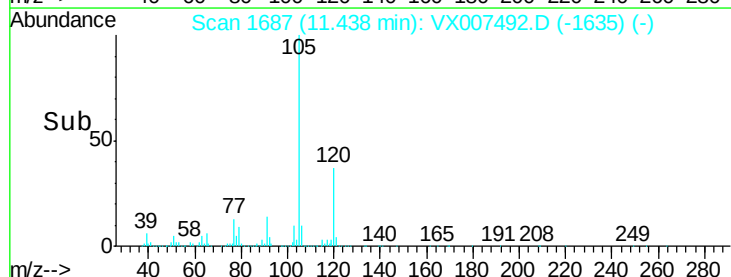
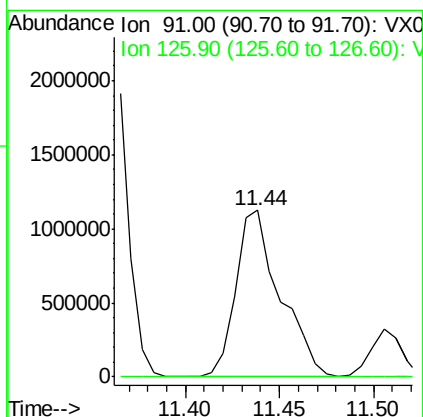
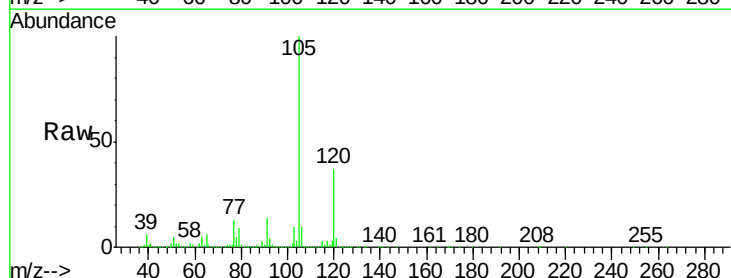
Acq: 12 Feb 2019 16:50

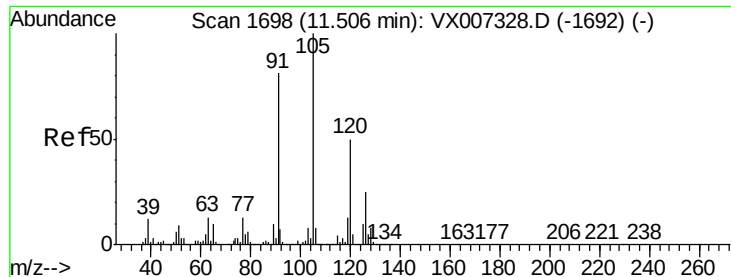
Tgt Ion: 91 Resp: 1825059

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#

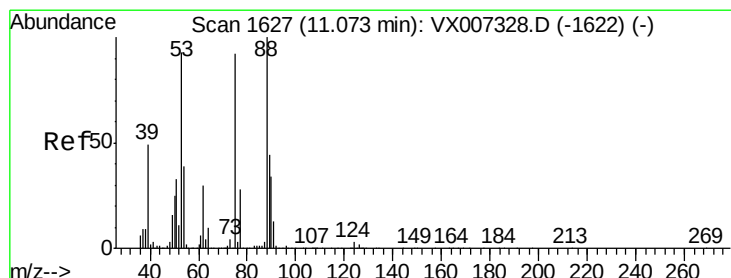
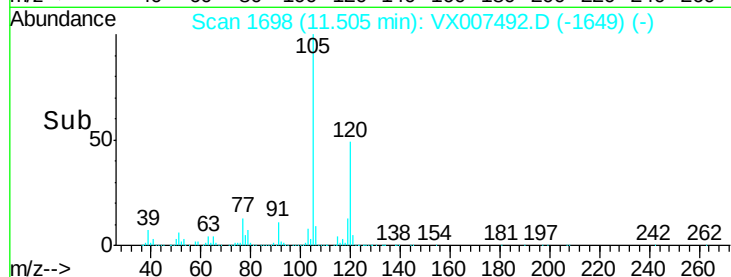
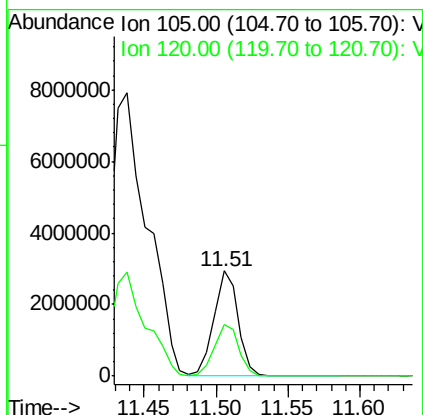
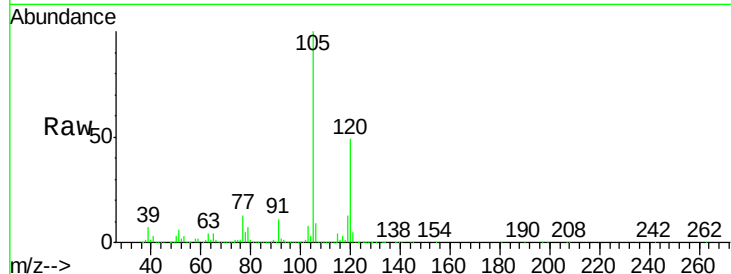




#80
 1,3,5-Trimethylbenzene
 Concen: 161.316 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

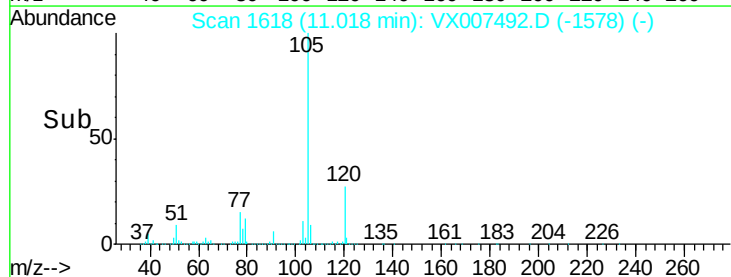
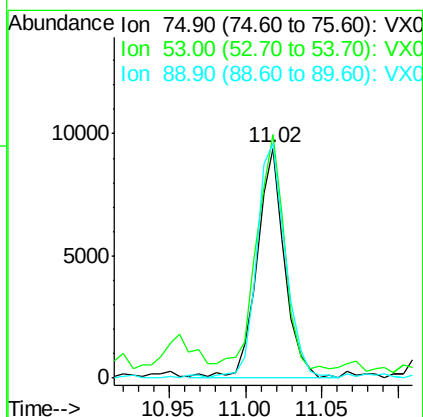
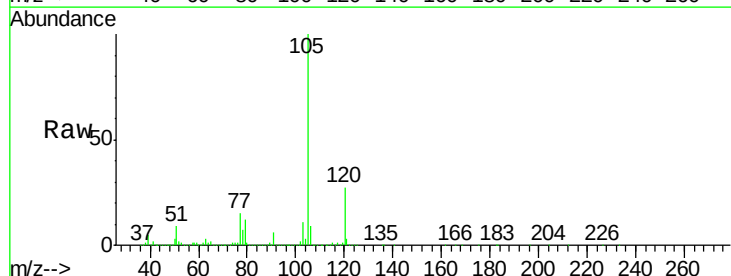
Instrument :
 MSVOA_X
 ClientSampled :
 IDW-LIQUID-01

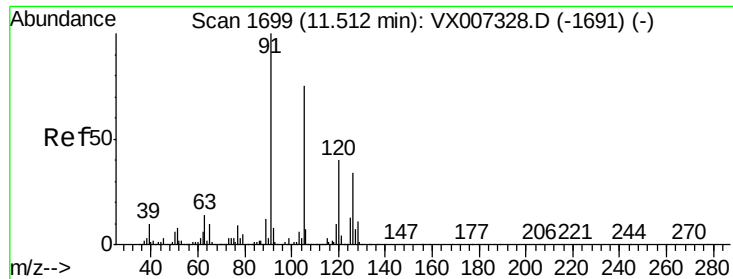
Tot Ion:105 Resp: 3455896
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 8.669 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX007492.D
 Acq: 12 Feb 2019 16:50

Tgt Ion: 75 Resp: 11763
 Ion Ratio Lower Upper
 75 100
 53 101.9 81.0 121.6
 89 107.4 41.4 62.0#





#82

4-Chlorotoluene

Concen: 18.340 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

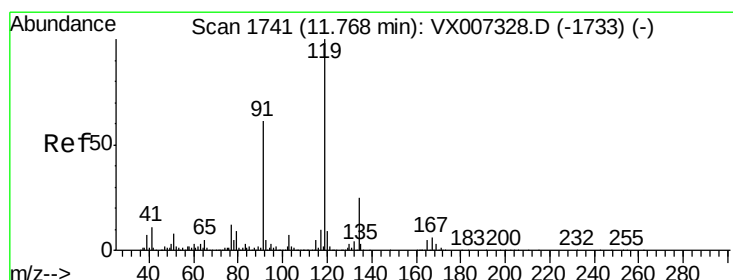
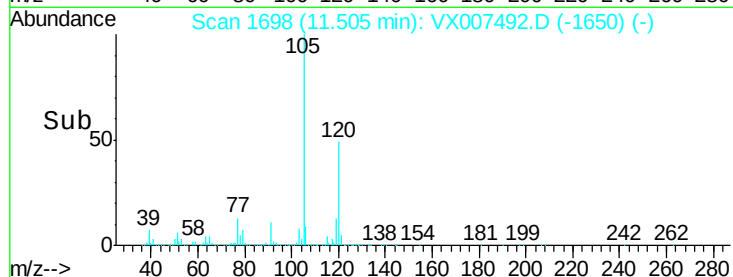
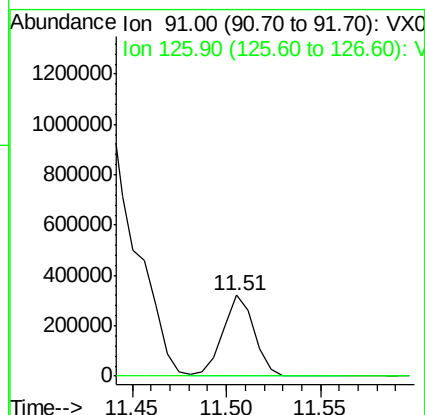
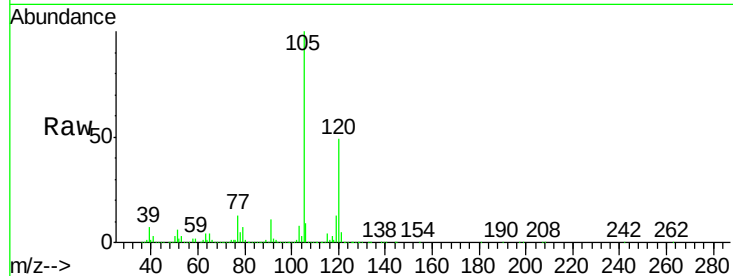
IDW-LIQUID-01

Tot Ion: 91 Resp: 369747

Ion Ratio Lower Upper

91 100

126 0.1 16.2 48.5#



#83

tert-Butylbenzene

Concen: 78.025 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

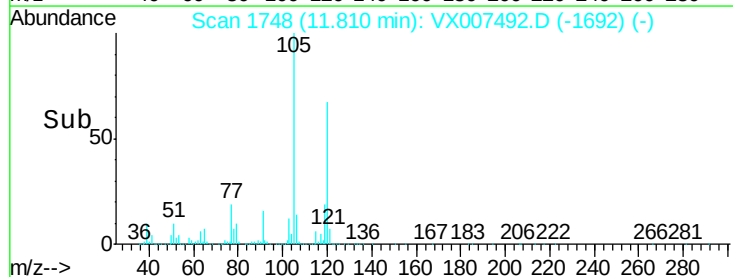
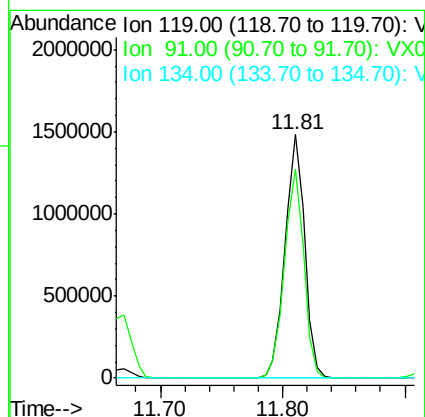
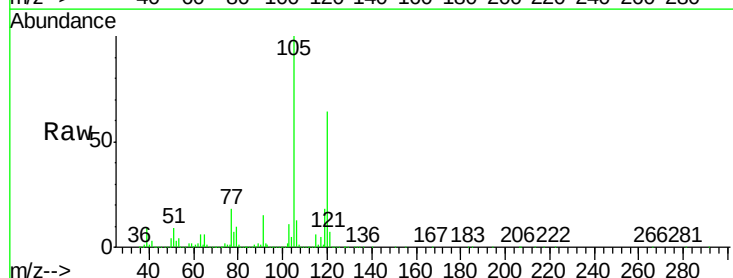
Tgt Ion: 119 Resp: 1654929

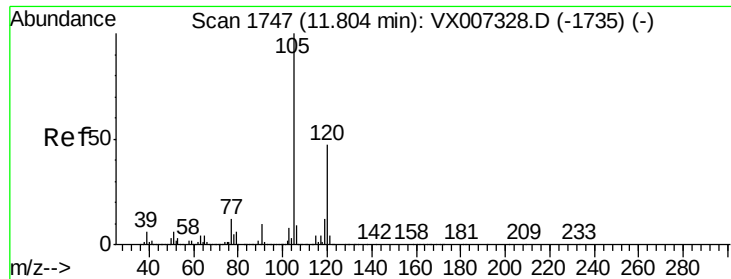
Ion Ratio Lower Upper

119 100

91 85.0 28.5 85.6

134 0.0 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 524.693 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

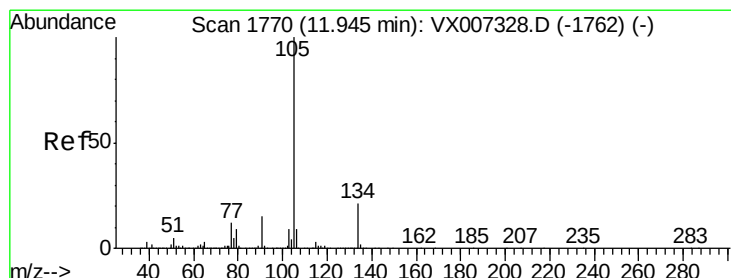
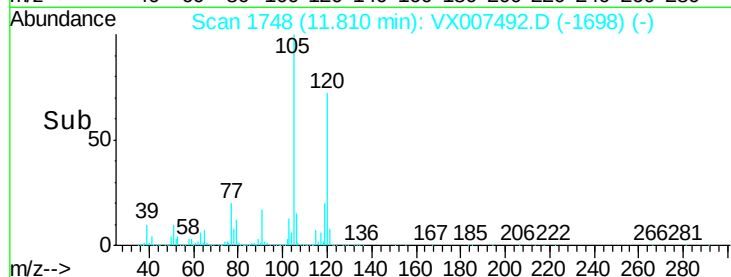
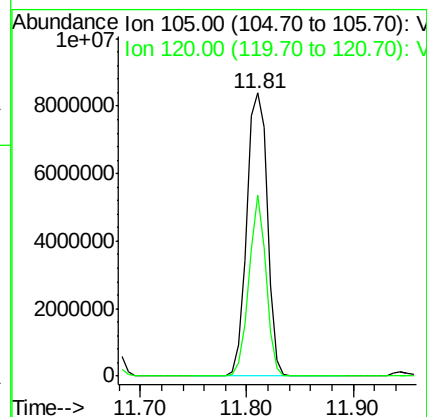
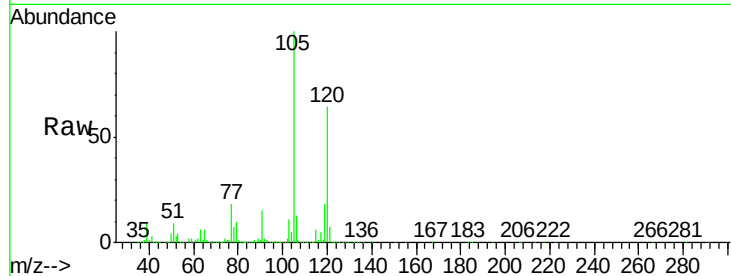
IDW-LIQUID-01

Tot Ion:105 Resp:11411783

Ion Ratio Lower Upper

105 100

120 53.1 23.1 69.3



#85

sec-Butylbenzene

Concen: 444.541 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.13 min

Lab File: VX007492.D

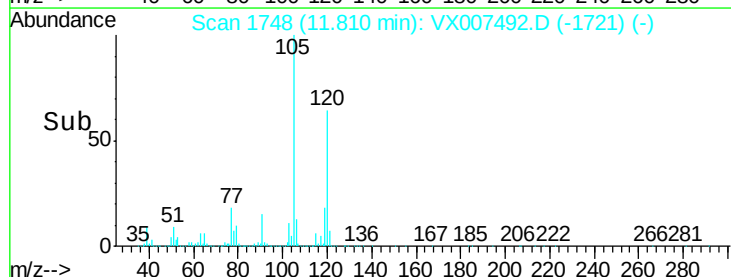
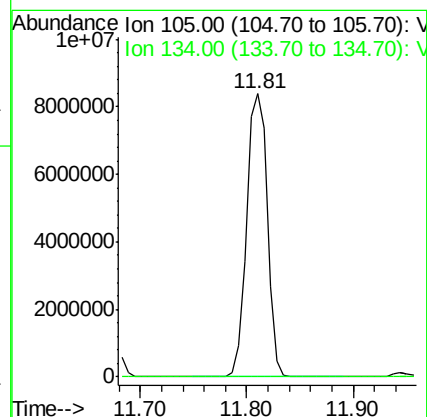
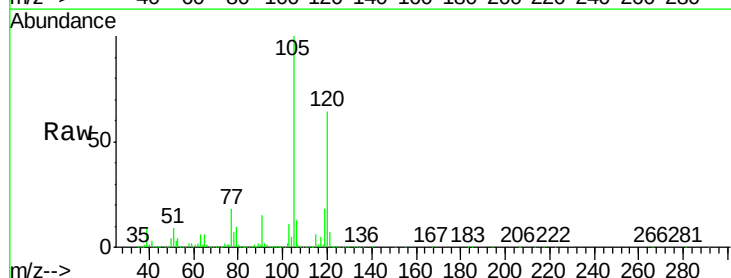
Acq: 12 Feb 2019 16:50

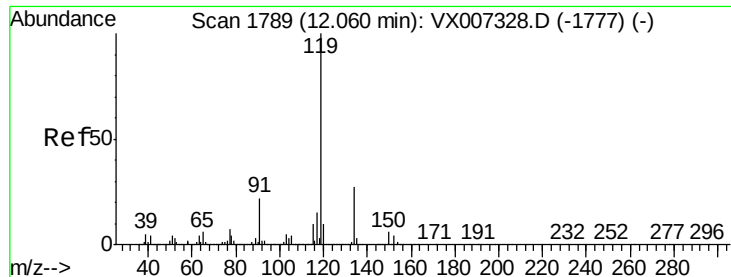
Tgt Ion:105 Resp:11411783

Ion Ratio Lower Upper

105 100

134 0.0 10.6 31.8#

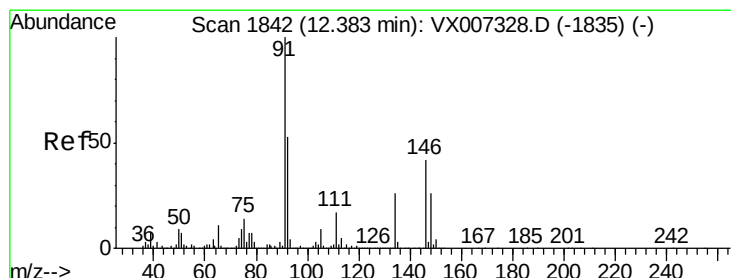
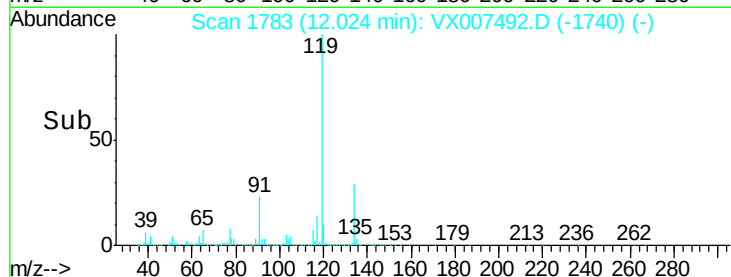
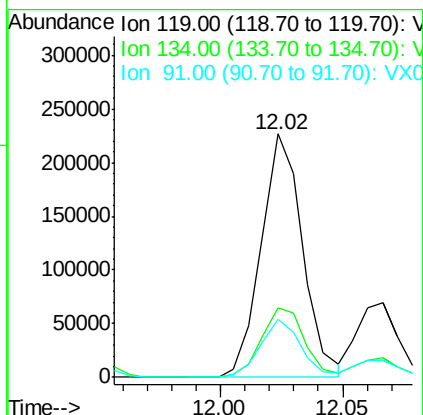
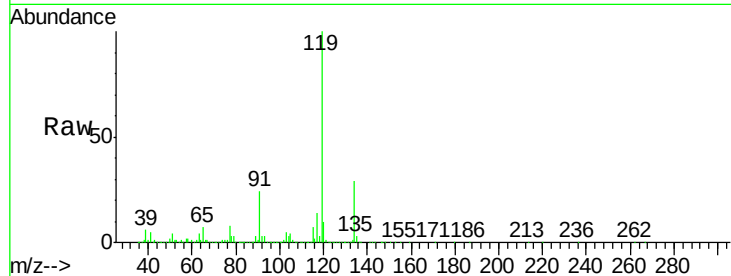




#86
p-Isopropyltoluene
Concen: 11.598 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

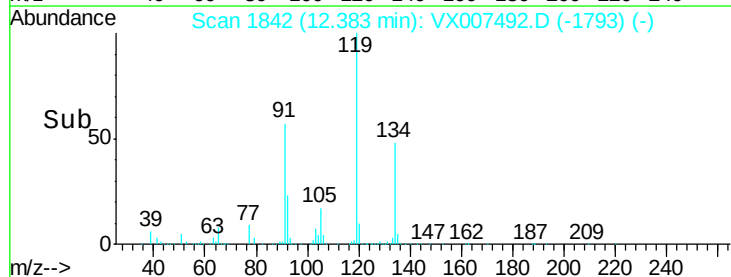
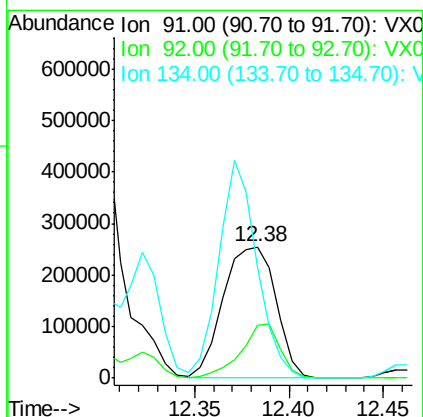
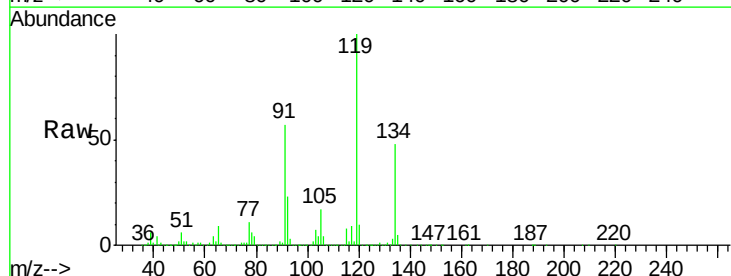
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

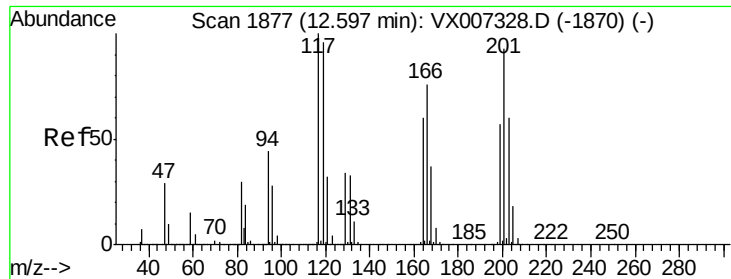
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.7	41.1
91	23.4	11.2	33.5



#89
n-Butylbenzene
Concen: 24.650 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	30.6	26.3	78.9
134	120.1	13.9	41.6#





#90

Hexachloroethane

Concen: 30.328 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

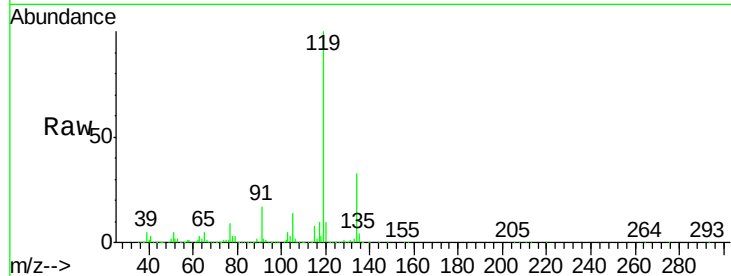
IDW-LIQUID-01

Tot Ion:117 Resp: 105184

Ion Ratio Lower Upper

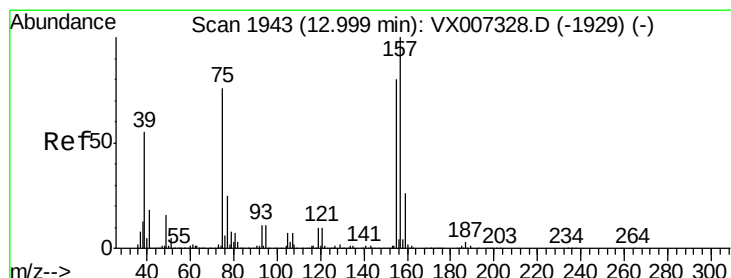
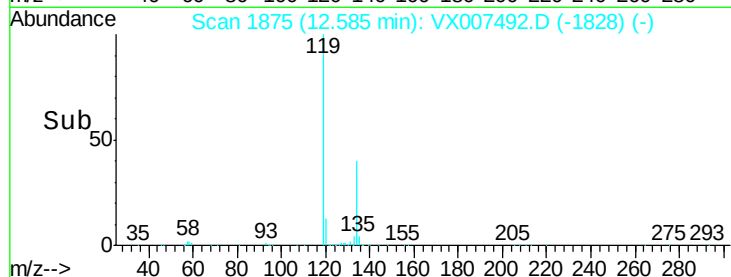
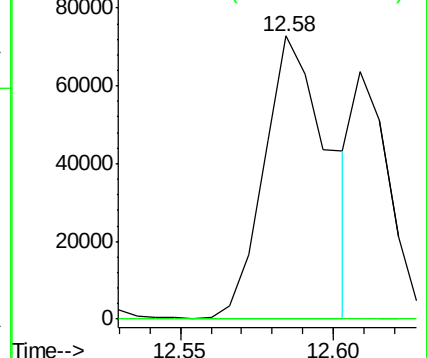
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.588 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007492.D

Acq: 12 Feb 2019 16:50

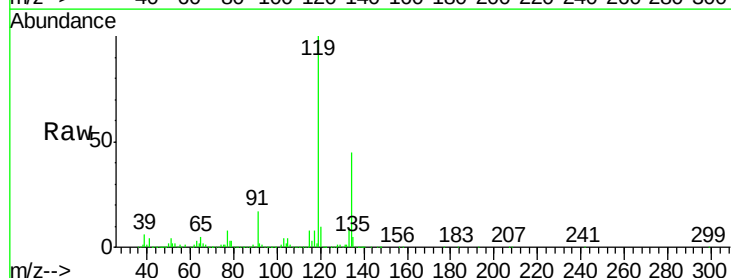
Tgt Ion: 75 Resp: 7613

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

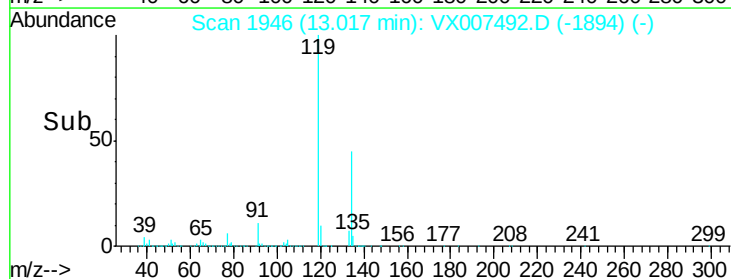
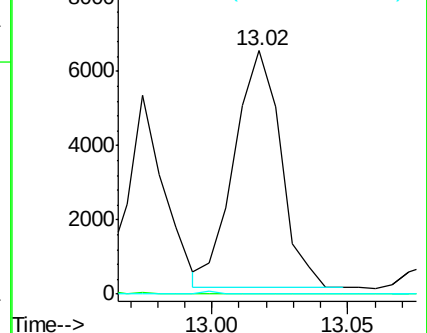
157 0.3 65.1 195.3#

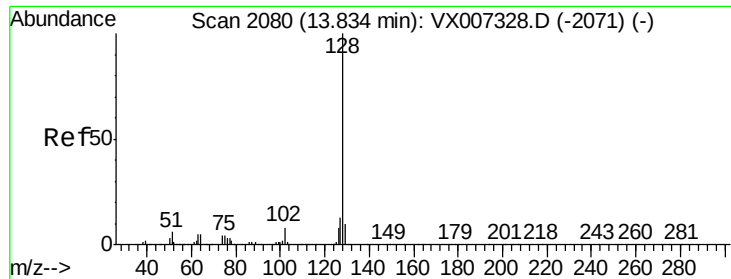


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

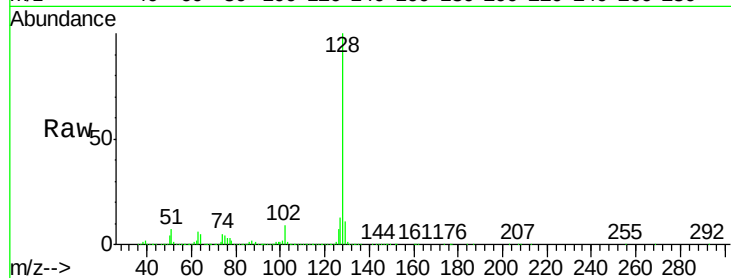




#95
Naphthalene
Concen: 161.436 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007492.D
Acq: 12 Feb 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQUID-01

Tot Ion:128 Resp: 4195294
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.7 13.1



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

