

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007615.D
 Acq On : 19 Feb 2019 16:04
 Operator : JC/SP
 Sample : K1528-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Feb 20 04:05:29 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	549723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	828179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	862501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	490257	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	269115	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
35) Dibromofluoromethane	5.51	113	246133	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
50) Toluene-d8	8.72	98	1114527	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	
62) 4-Bromofluorobenzene	11.14	95	441415	60.47	ug/l	0.00
Spiked Amount			Recovery	=	120.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	168	0.202	ug/l #	43
3) Chloromethane	1.30	50	50455	8.149	ug/l #	67
5) Bromomethane	1.65	94	434	Below Cal	#	21
11) Tert butyl alcohol	3.07	59	1350	1.118	ug/l #	73
13) Acrolein	2.27	56	532935	941.177	ug/l #	1
14) Allyl chloride	2.78	41	221766	25.931	ug/l #	24
15) Acrylonitrile	3.17	53	146623	49.084	ug/l #	38
16) Acetone	2.40	43	397836	148.846	ug/l #	52
17) Carbon Disulfide	2.57	76	1734	2.242	ug/l #	75
18) Methyl Acetate	2.84	43	1769229	251.632	ug/l #	51
20) Methylene Chloride	2.79	84	79796	14.336	ug/l #	15
23) Vinyl Acetate	3.82	43	78607	6.022	ug/l #	77
24) 1,1-Dichloroethane	3.67	63	11279	1.249	ug/l #	87
25) 2-Butanone	4.70	43	37354	9.820	ug/l	96
26) 2,2-Dichloropropane	4.52	77	5043	0.733	ug/l #	56
29) Tetrahydrofuran	5.20	42	5291	2.212	ug/l #	31
30) Chloroform	5.29	83	195569	20.746	ug/l #	20
31) Cyclohexane	5.58	56	2741999	337.943	ug/l	98
36) 1,1-Dichloropropene	5.67	75	32621	4.390	ug/l #	50
37) Ethyl Acetate	4.89	43	4713	0.627	ug/l #	25
38) Carbon Tetrachloride	5.66	117	47498	6.589	ug/l #	16
39) Methylcyclohexane	7.46	83	1406404	156.433	ug/l	96
40) Benzene	6.15	78	9556	0.437	ug/l #	81
41) Methacrylonitrile	5.07	41	20058	4.982	ug/l #	22
43) Isopropyl Acetate	6.46	43	46376	4.000	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	18645	3.400	ug/l #	1
47) Bromodichloromethane	7.84	83	5986	0.886	ug/l #	94
48) Methyl methacrylate	7.73	41	128582	22.172	ug/l #	50
49) 1,4-Dioxane	7.71	88	110	7.707	ug/l #	1
51) 4-Methyl-2-Pentanone	8.50	43	68263	8.944	ug/l #	40
53) t-1,3-Dichloropropene	8.80	75	646058	89.034	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	97977	16.643	ug/l #	18
56) Ethyl methacrylate	9.16	69	23053	2.827	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	7738	1.801	ug/l #	48

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007615.D
 Acq On : 19 Feb 2019 16:04
 Operator : JC/SP
 Sample : K1528-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Feb 20 04:05:29 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)

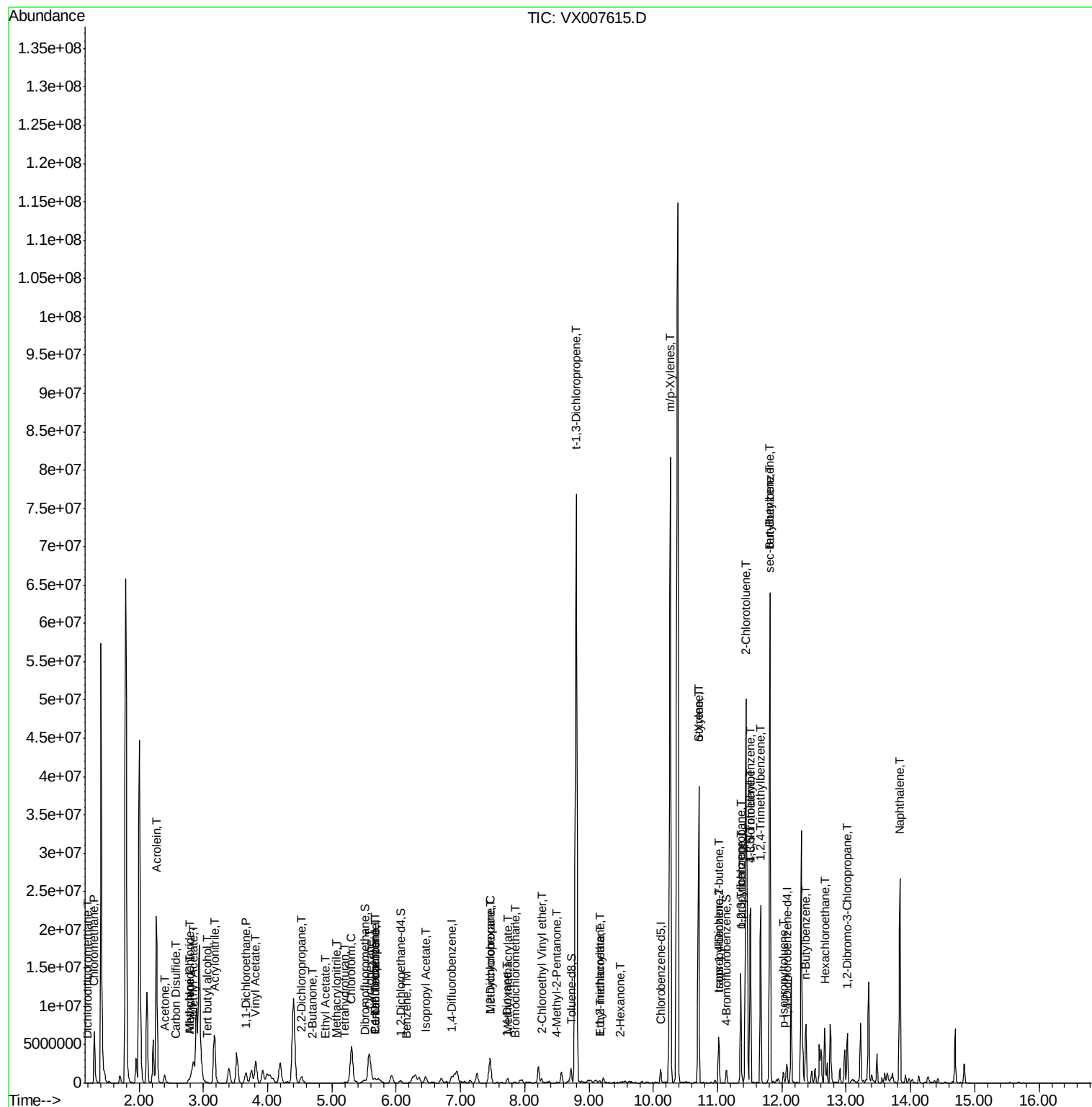
59) 2-Hexanone	9.50	43	4459	0.751	uq/l	93
68) m/p-Xylenes	10.26	106	16822267	1396.216	uq/l #	1
69) o-Xylene	10.71	106	9270720	799.639	uq/l	68
70) Styrene	10.71	104	592278	31.500	uq/l #	1
73) Isopropylbenzene	11.02	105	2971740	89.200	uq/l	99
76) 1,2,3-Trichloropropane	11.36	75	52069	5.460	uq/l #	1
78) n-propylbenzene	11.36	91	8535994	233.654	uq/l	100
79) 2-Chlorotoluene	11.44	91	5209796	235.022	uq/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	9699682	355.871	uq/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	33348	14.123	uq/l #	70
82) 4-Chlorotoluene	11.51	91	1090767	42.525	uq/l #	42
83) tert-Butylbenzene	11.82	119	4521440	167.552	uq/l #	59
84) 1,2,4-Trimethylbenzene	11.67	105	10497568	379.365	uq/l	82
85) sec-Butylbenzene	11.80	105	16317408	499.605	uq/l #	55
86) p-Isopropyltoluene	12.02	119	607795	20.615	uq/l	97
89) n-Butylbenzene	12.38	91	1096411	43.230	uq/l #	21
90) Hexachloroethane	12.67	117	313072	70.952	uq/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	18038	8.544	uq/l #	1
95) Naphthalene	13.83	128	13544559	409.657	uq/l #	89

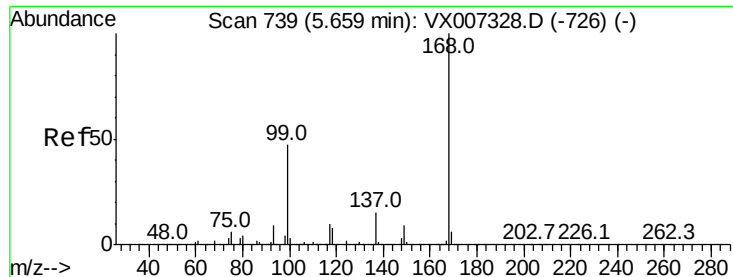
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021919\
Data File : VX007615.D
Acq On : 19 Feb 2019 16:04
Operator : JC/SP
Sample : K1528-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Time: Feb 20 04:05:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

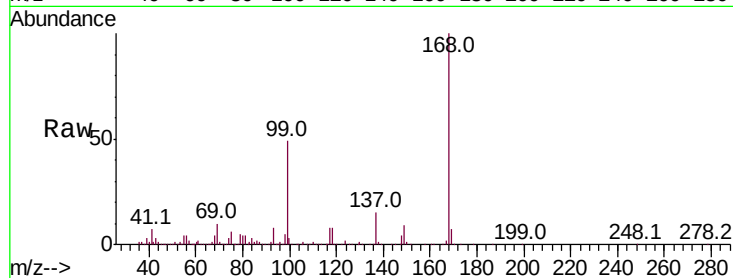
MW-1

Tot Ion:168 Resp: 549723

Ion Ratio Lower Upper

168 100

99 48.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

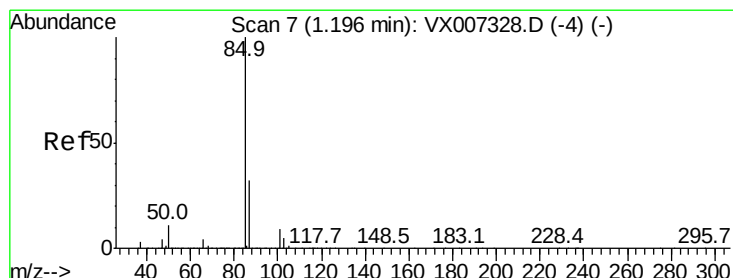
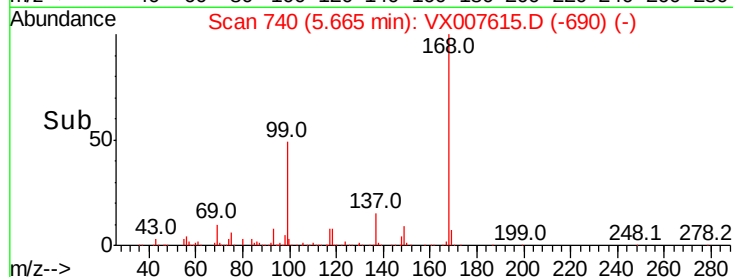
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.202 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007615.D

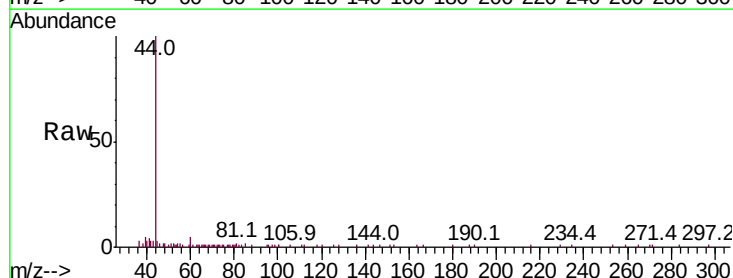
Acq: 19 Feb 2019 16:04

Tgt Ion: 85 Resp: 168

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200

150

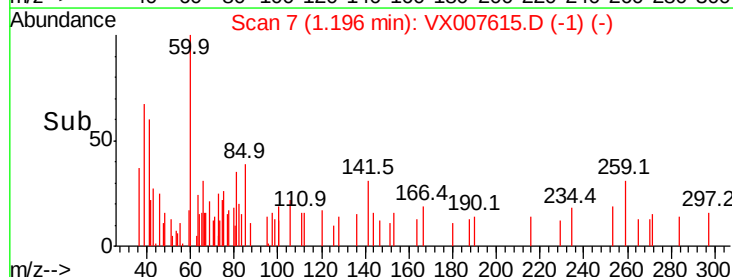
100

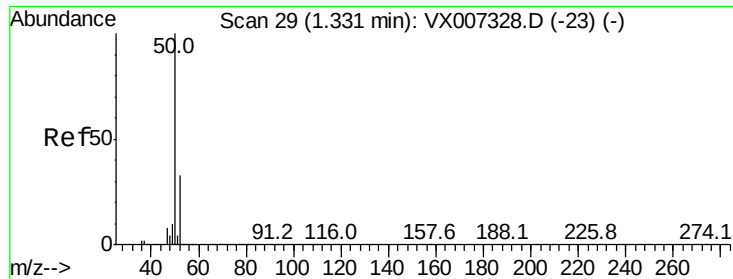
50

0

1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 8.149 ug/l

RT: 1.30 min Scan# 24

Delta R.T. -0.03 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

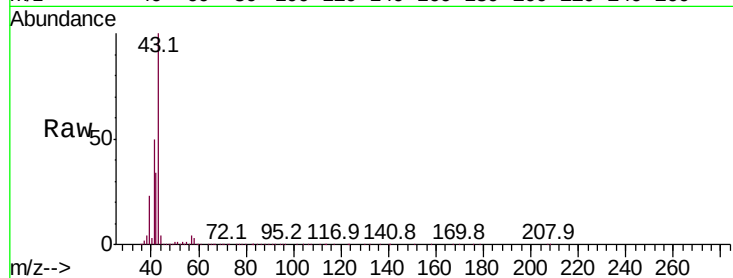
MW-1

Tot Ion: 50 Resp: 50455

Ion Ratio Lower Upper

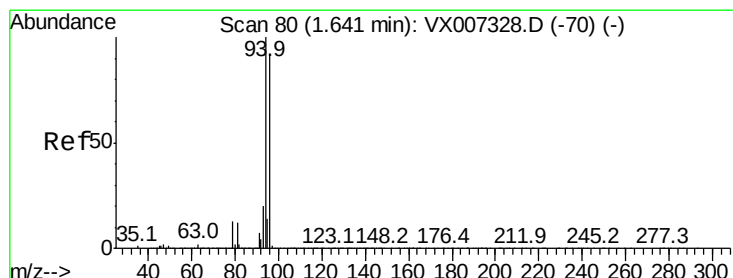
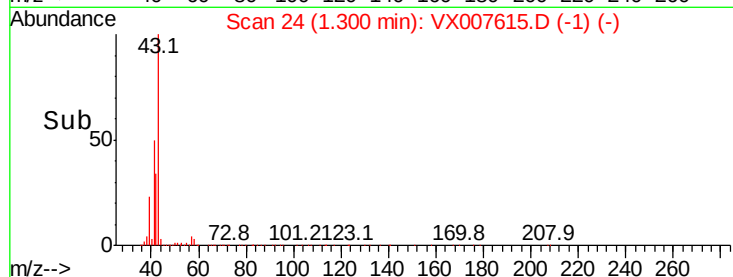
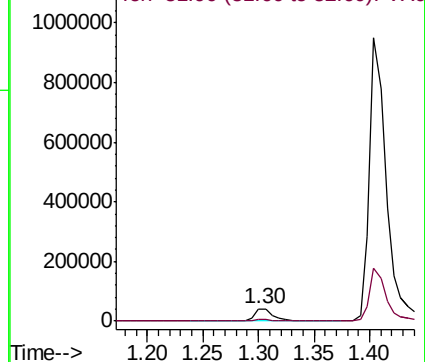
50 100

52 13.8 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007615.D

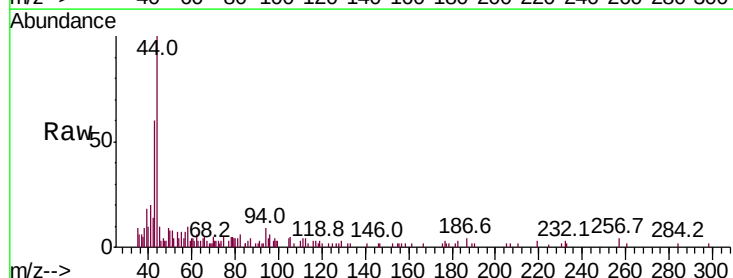
Acq: 19 Feb 2019 16:04

Tgt Ion: 94 Resp: 434

Ion Ratio Lower Upper

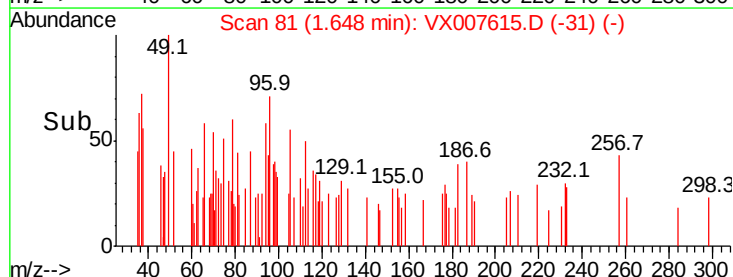
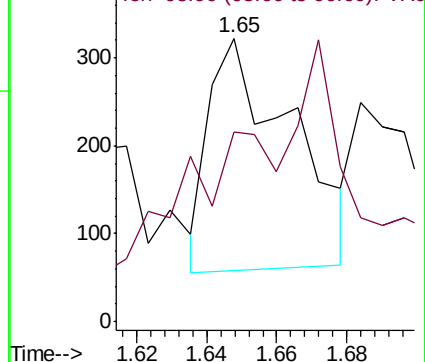
94 100

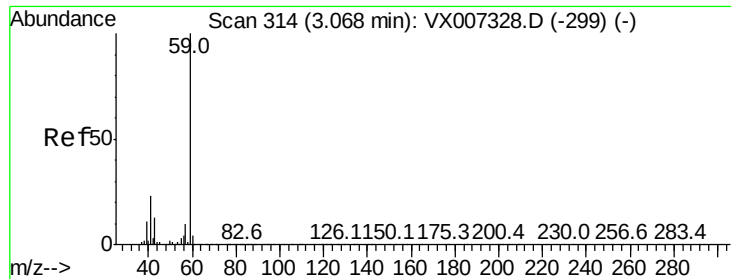
96 17.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



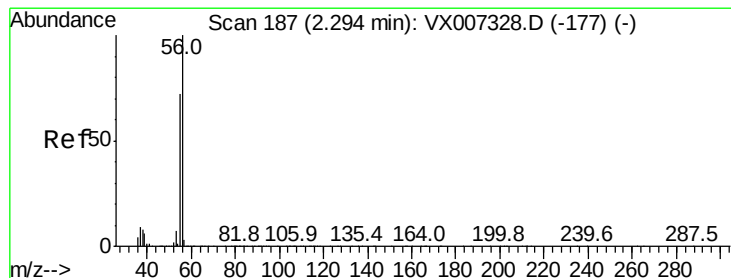
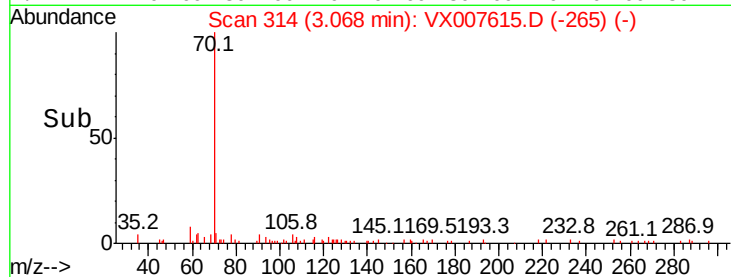
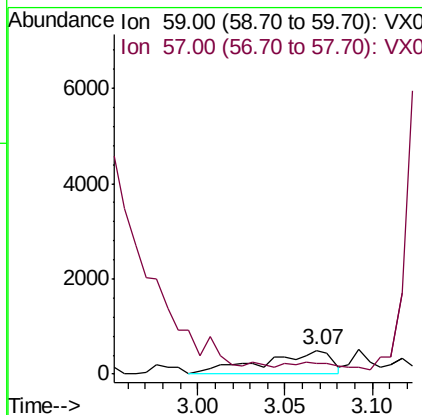
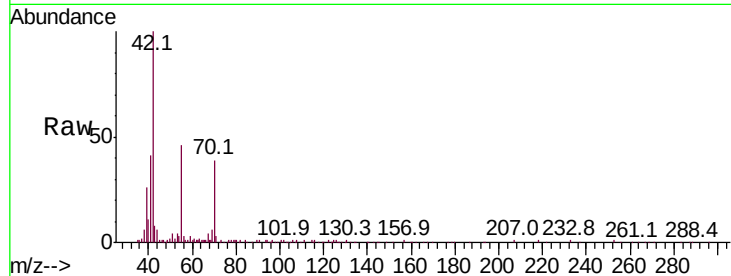


#11

Tert butyl alcohol
 Concen: 1.118 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: VX007615.D
 Acq: 19 Feb 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

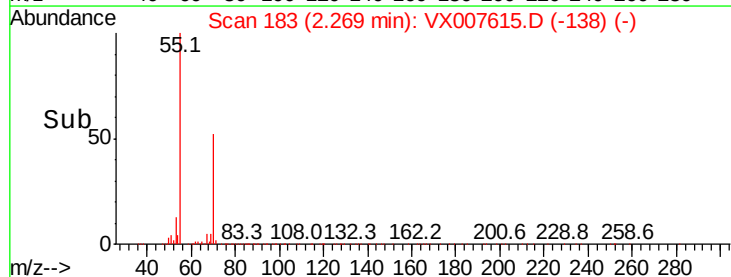
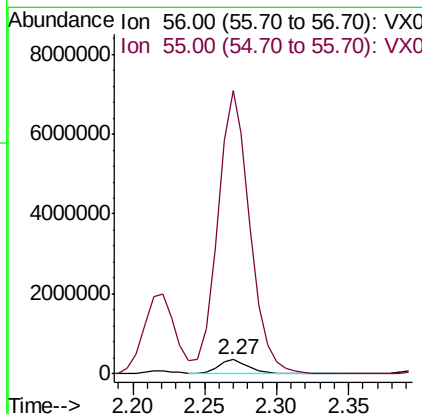
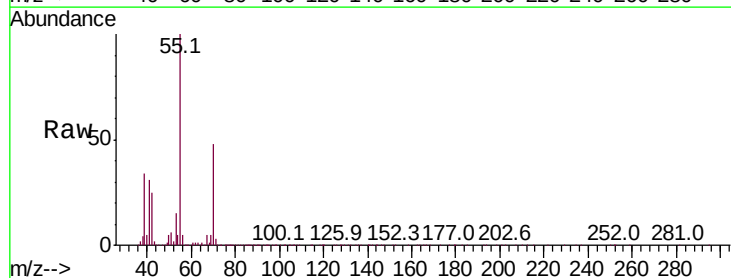
Tot Ion: 59 Resp: 1350
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

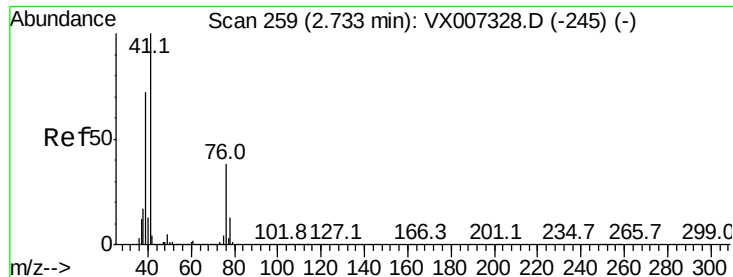


#13

Acrolein
 Concen: 941.177 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: VX007615.D
 Acq: 19 Feb 2019 16:04

Tgt Ion: 56 Resp: 532935
 Ion Ratio Lower Upper
 56 100
 55 2080.6 56.9 85.3#





#14

Allvl chloride

Concen: 25.931 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.04 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-1

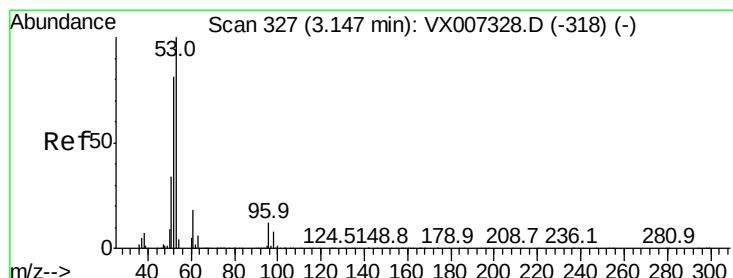
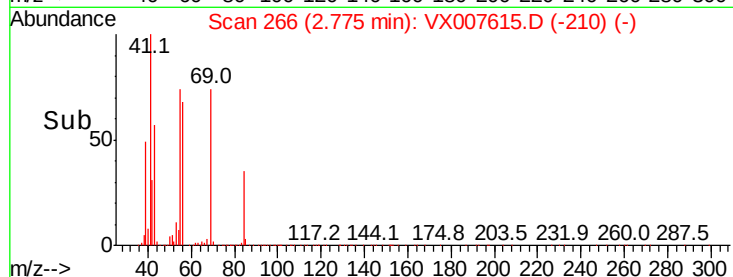
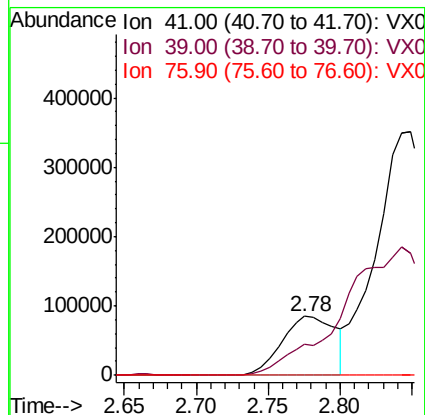
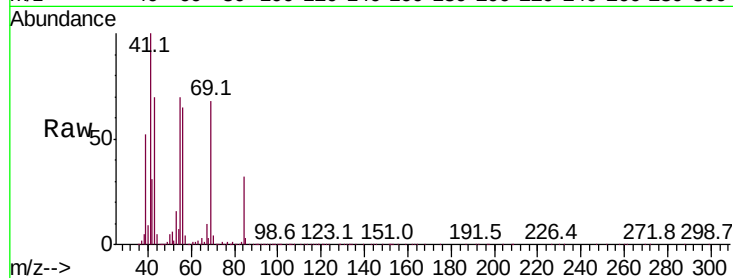
Tot Ion: 41 Resp: 221766

Ion Ratio Lower Upper

41 100

39 0.0 54.1 81.1#

76 0.1 27.8 41.8#



#15

Acrylonitrile

Concen: 49.084 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

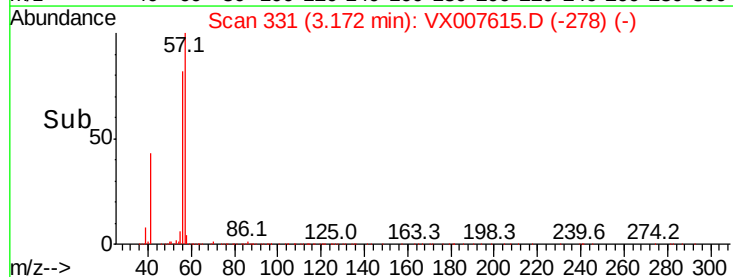
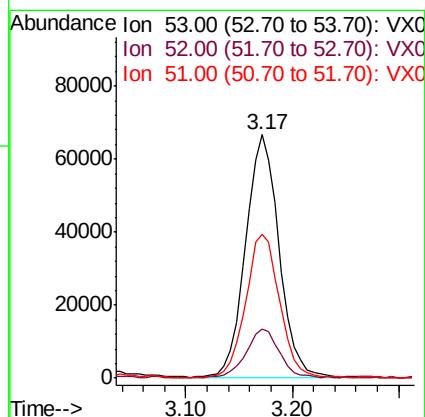
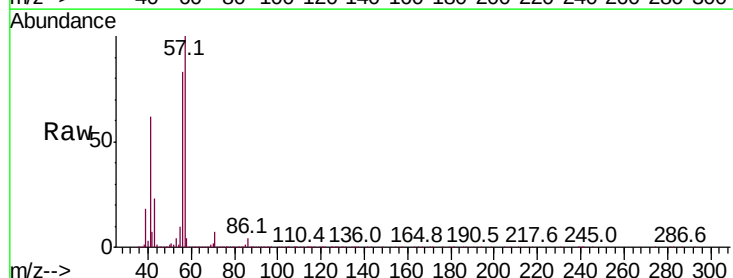
Tgt Ion: 53 Resp: 146623

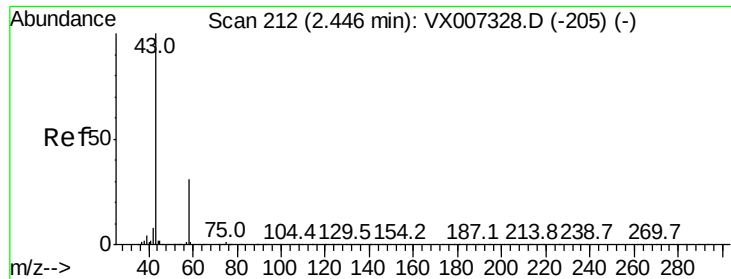
Ion Ratio Lower Upper

53 100

52 19.7 66.4 99.6#

51 59.5 28.4 42.6#

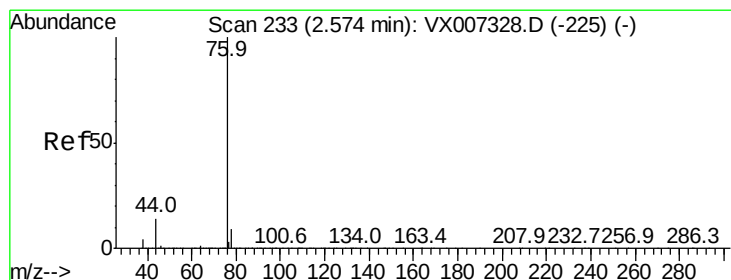
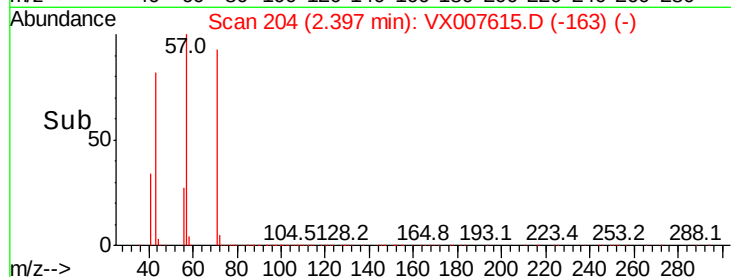
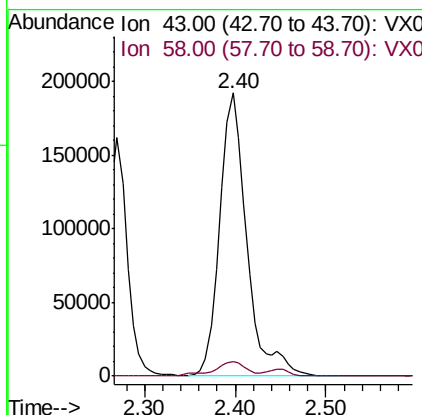
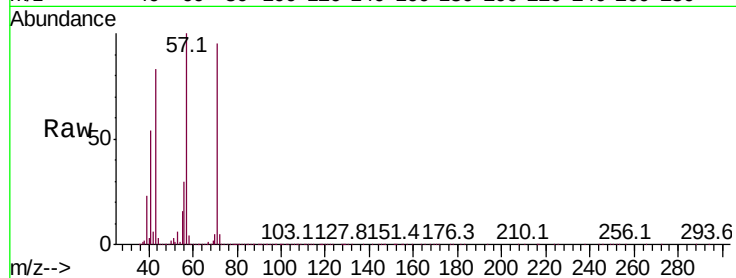




#16
Acetone
Concen: 148.846 ug/l
RT: 2.40 min Scan# 204
Delta R.T. -0.05 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

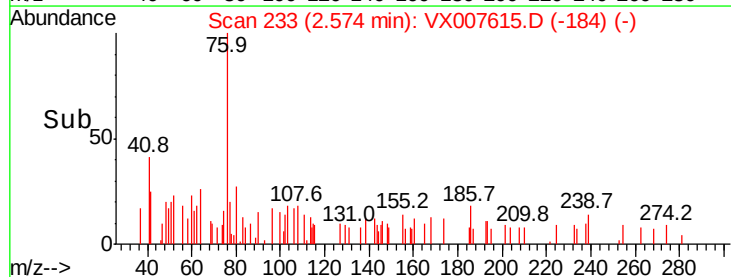
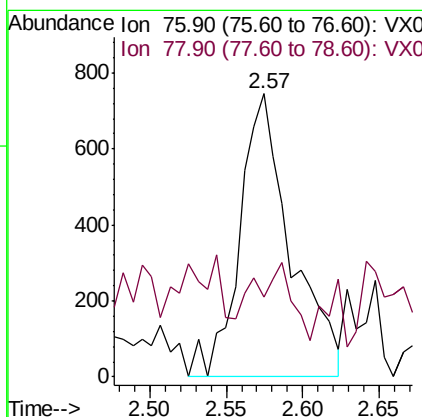
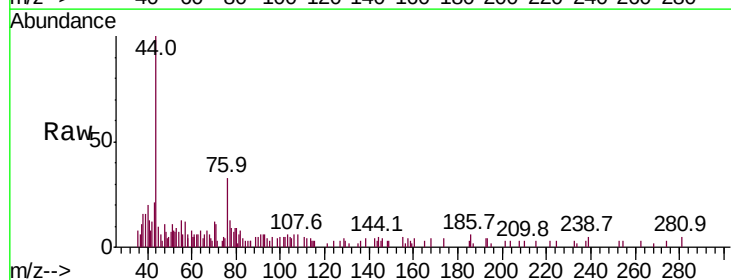
Instrument :
MSVOA_X
ClientSampleId :
MW-1

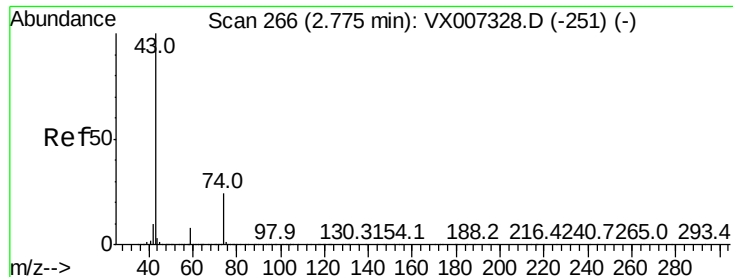
Tot Ion: 43 Resp: 397836
Ion Ratio Lower Upper
43 100
58 4.8 24.9 37.3#



#17
Carbon Disulfide
Concen: 2.242 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Tgt Ion: 76 Resp: 1734
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: 251.632 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

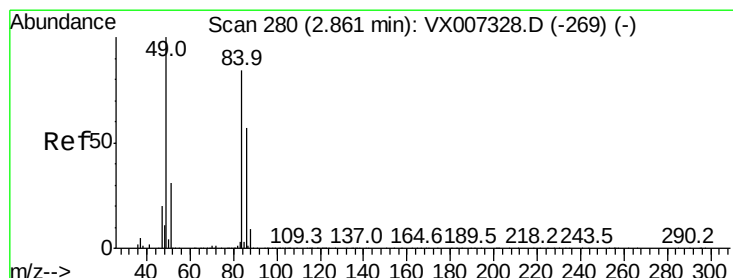
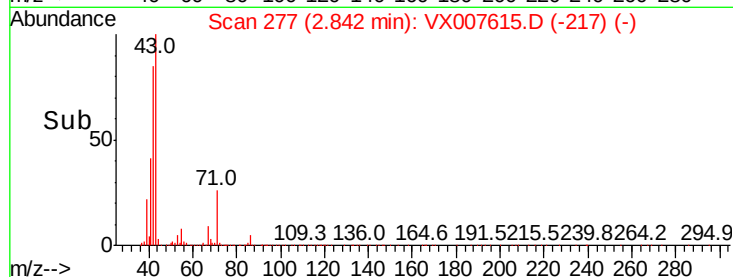
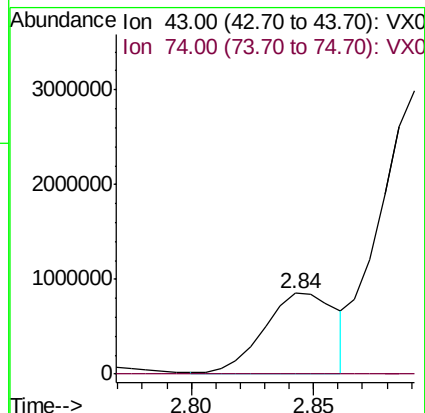
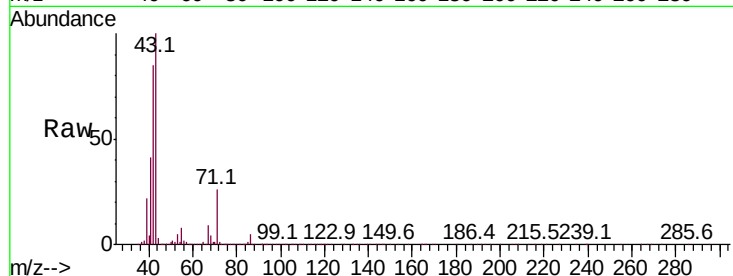
MW-1

Tot Ion: 43 Resp: 1769229

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 14.336 ug/l

RT: 2.79 min Scan# 268

Delta R.T. -0.07 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Tgt Ion: 84 Resp: 79796

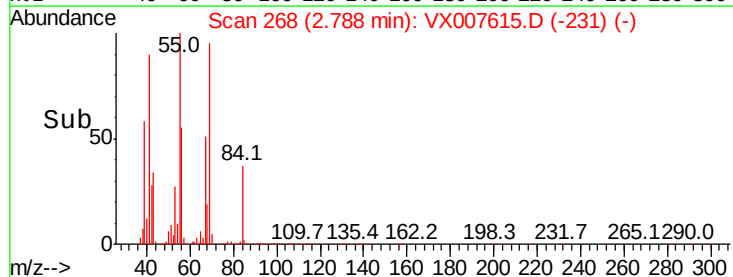
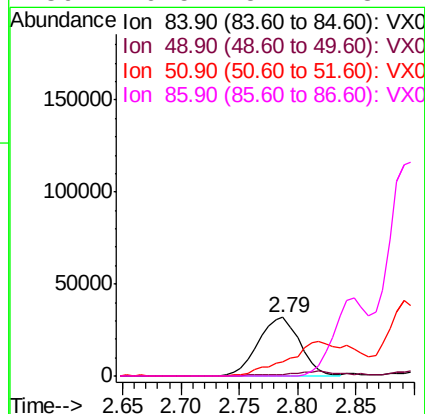
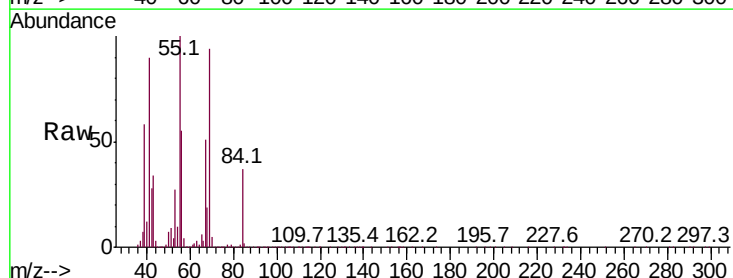
Ion Ratio Lower Upper

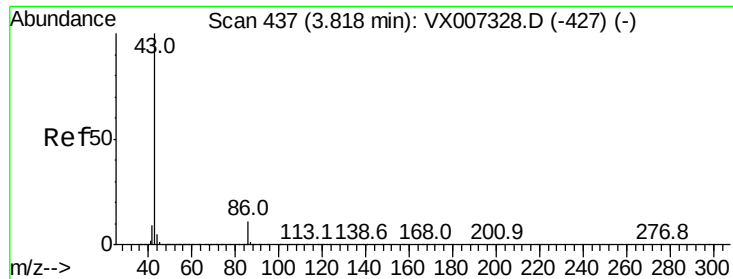
84 100

49 2.0 94.8 142.2#

51 23.1 29.8 44.8#

86 0.5 54.1 81.1#





#23

Vinyl Acetate

Concen: 6.022 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

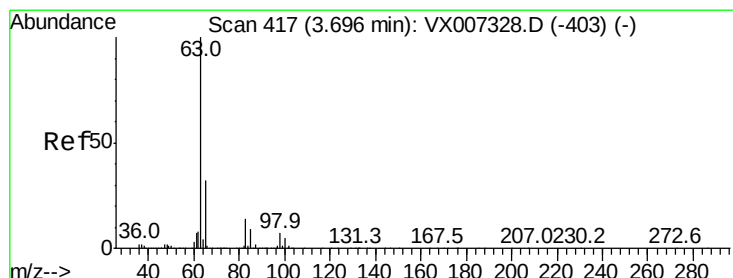
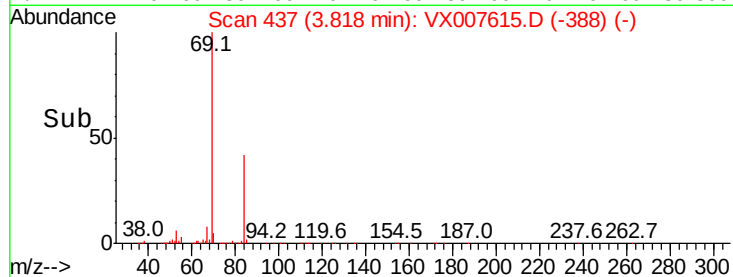
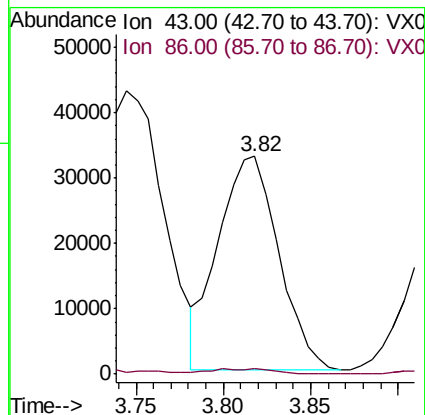
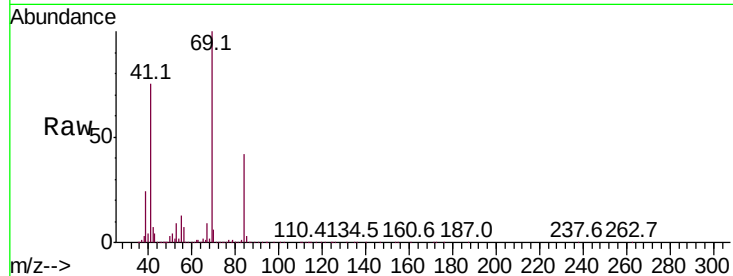
MW-1

Tot Ion: 43 Resp: 78607

Ion Ratio Lower Upper

43 100

86 2.1 8.7 13.1#



#24

1,1-Dichloroethane

Concen: 1.249 ug/l

RT: 3.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

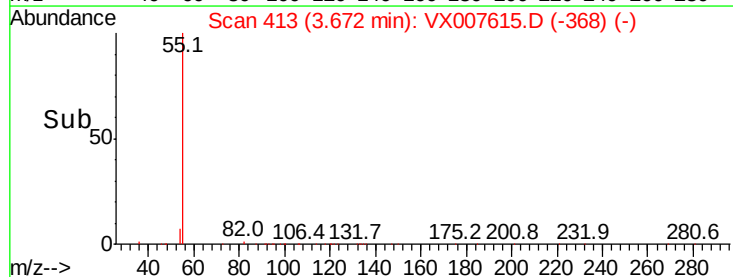
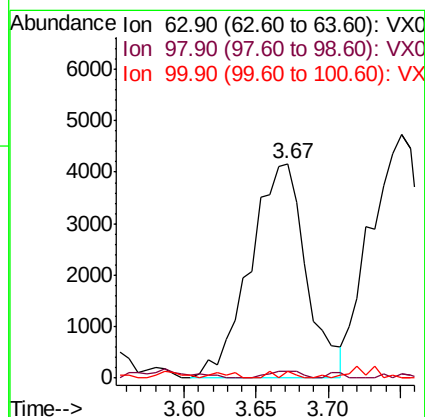
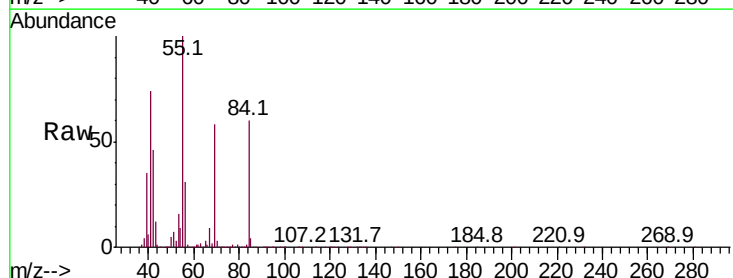
Tgt Ion: 63 Resp: 11279

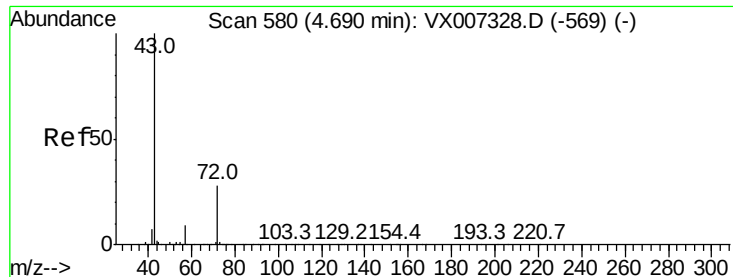
Ion Ratio Lower Upper

63 100

98 1.6 3.6 10.8#

100 1.8 2.5 7.4#





#25

2-Butanone

Concen: 9.820 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

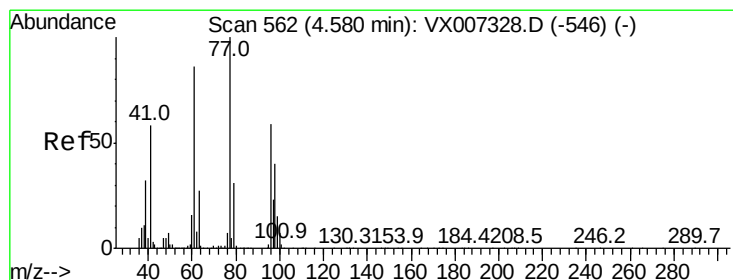
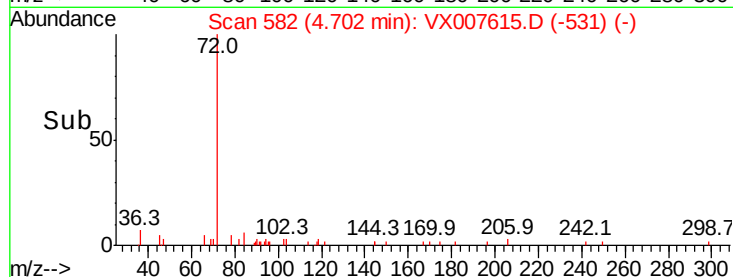
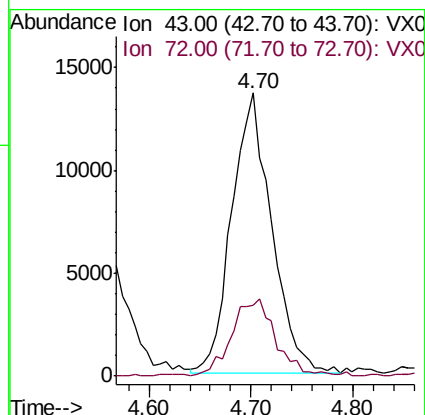
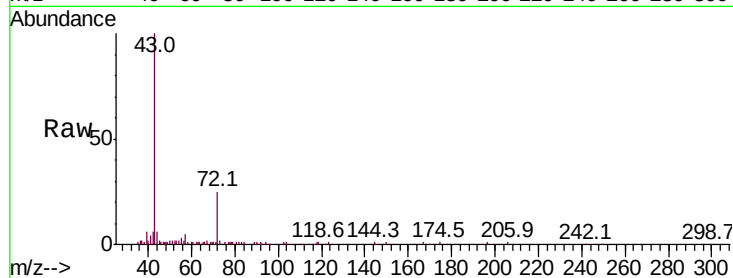
MW-1

Tot Ion: 43 Resp: 37354

Ion Ratio Lower Upper

43 100

72 25.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 0.733 ug/l

RT: 4.52 min Scan# 552

Delta R.T. -0.06 min

Lab File: VX007615.D

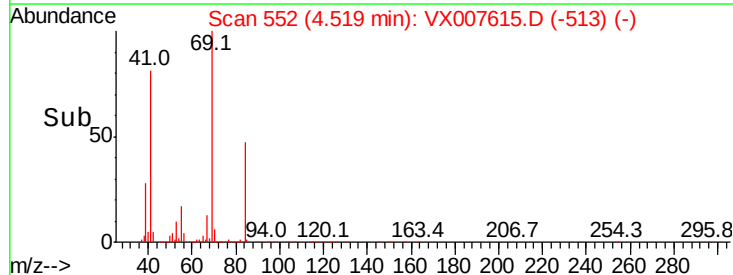
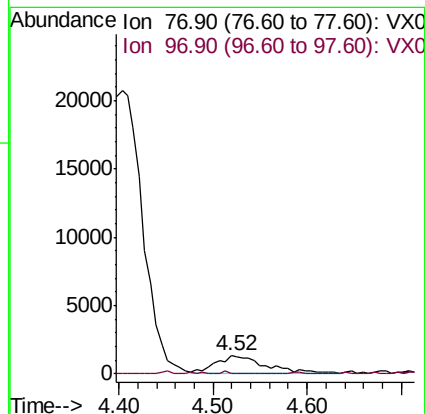
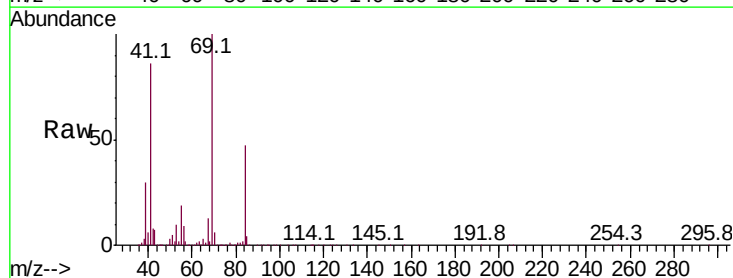
Acq: 19 Feb 2019 16:04

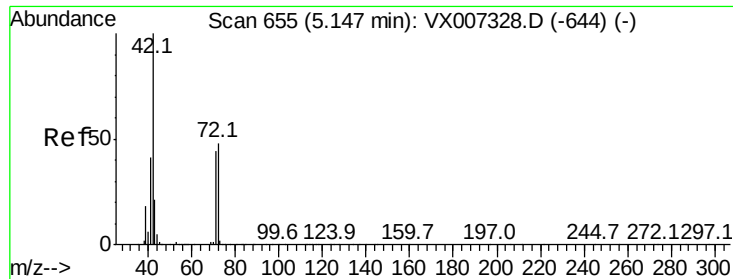
Tgt Ion: 77 Resp: 5043

Ion Ratio Lower Upper

77 100

97 2.4 12.1 36.3#

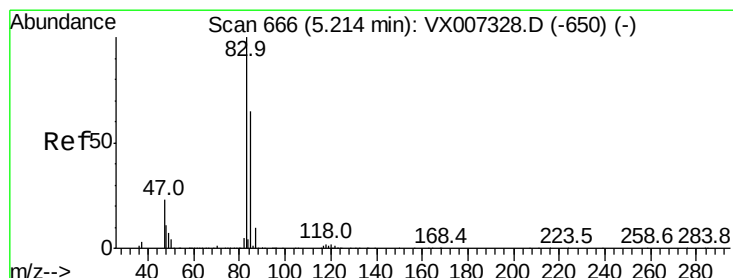
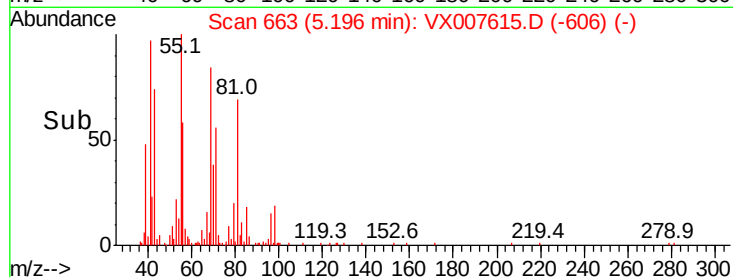
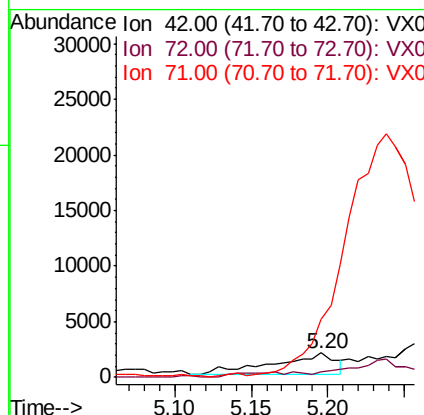
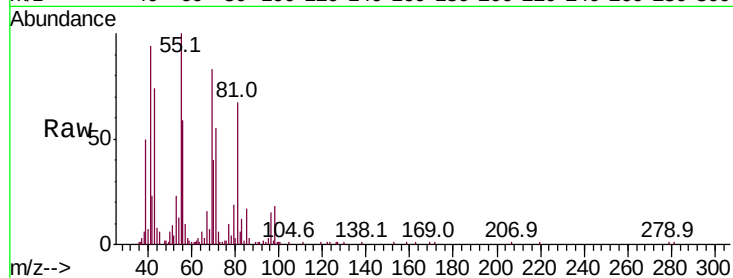




#29
Tetrahydrofuran
Concen: 2.212 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.05 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

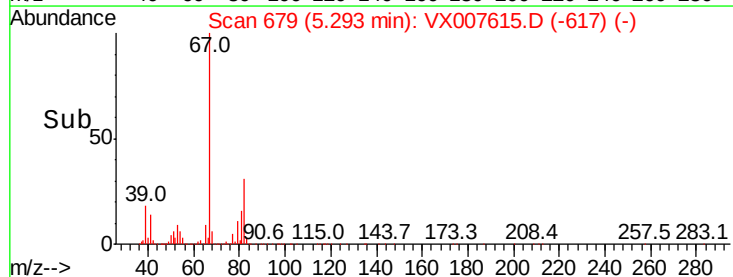
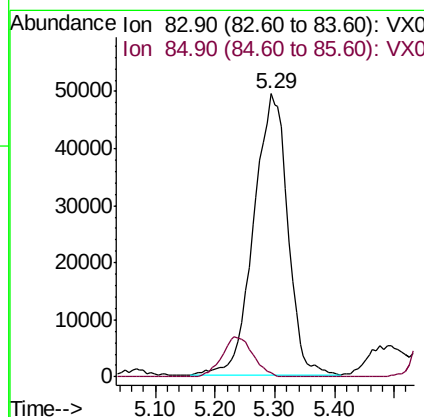
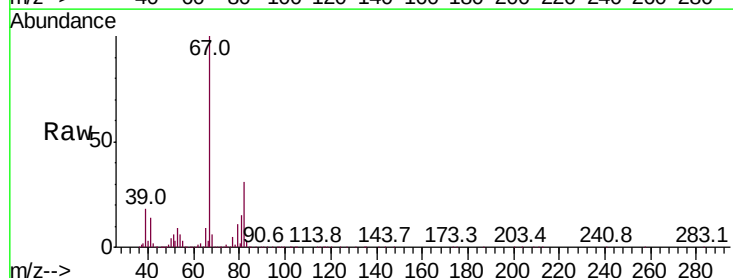
Instrument :
MSVOA_X
ClientSampled :
MW-1

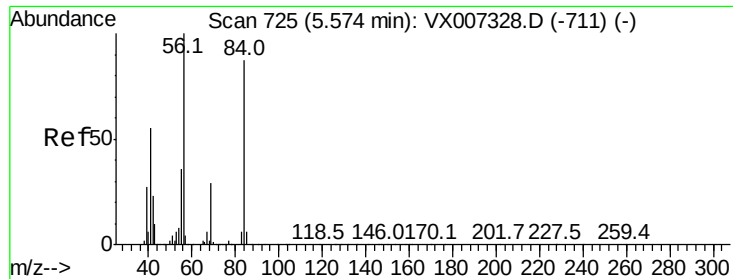
Tot Ion: 42 Resp: 5291
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 34.6 51.8#



#30
Chloroform
Concen: 20.746 ug/l
RT: 5.29 min Scan# 679
Delta R.T. 0.08 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Tgt Ion: 83 Resp: 195569
Ion Ratio Lower Upper
83 100
85 1.6 51.6 77.4#

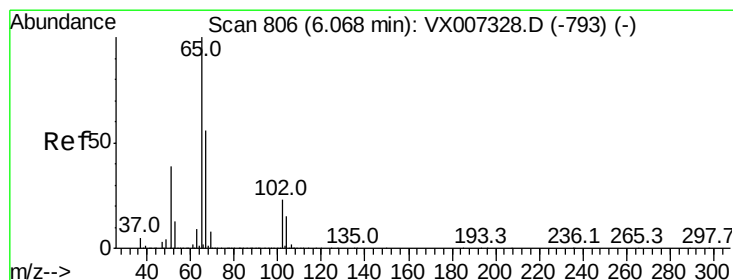
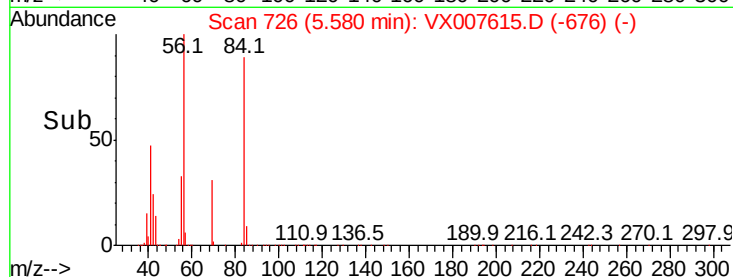
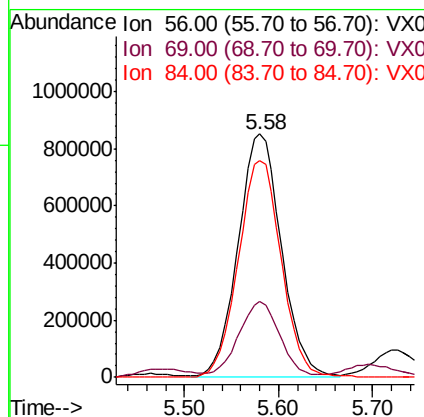
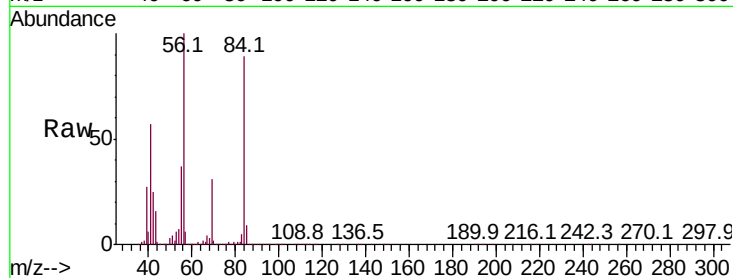




#31
Cyclohexane
Concen: 337.943 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

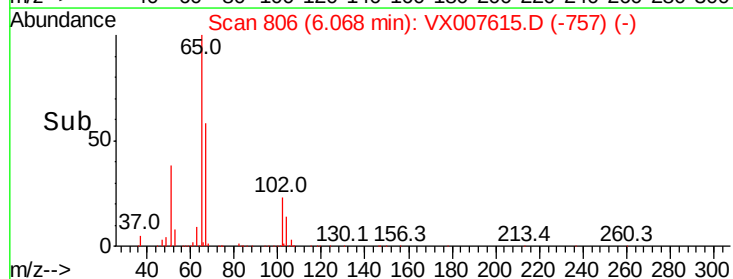
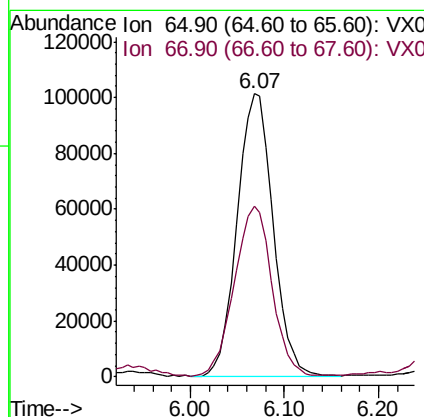
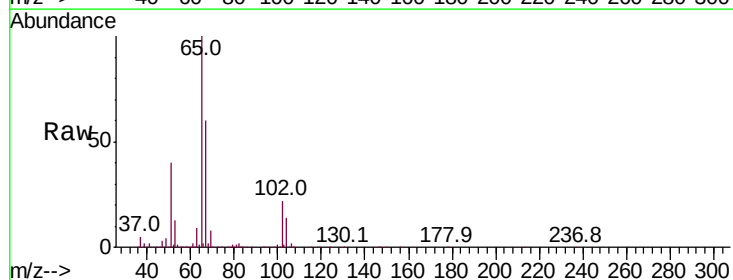
Instrument :
MSVOA_X
ClientSampled :
MW-1

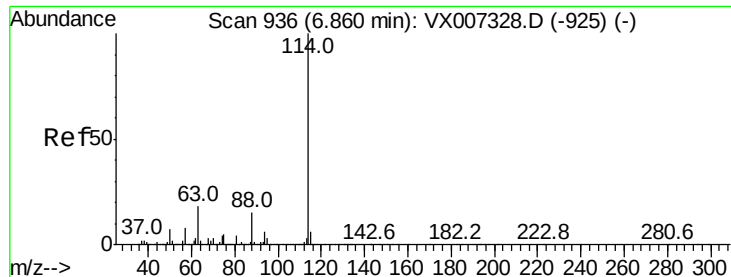
Tot Ion: 56 Resp: 2741999
Ion Ratio Lower Upper
56 100
69 29.0 23.0 34.6
84 89.6 69.8 104.6



#33
1,2-Dichloroethane-d4
Concen: 46.122 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Tgt Ion: 65 Resp: 269115
Ion Ratio Lower Upper
65 100
67 62.6 0.0 108.8

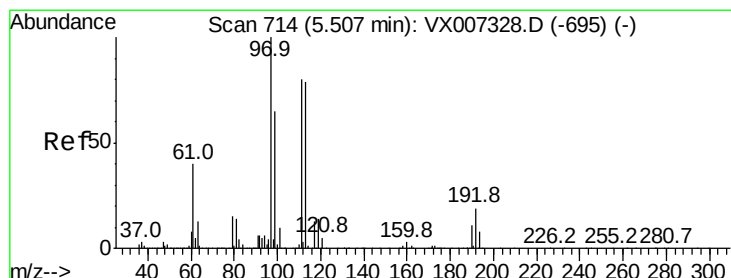
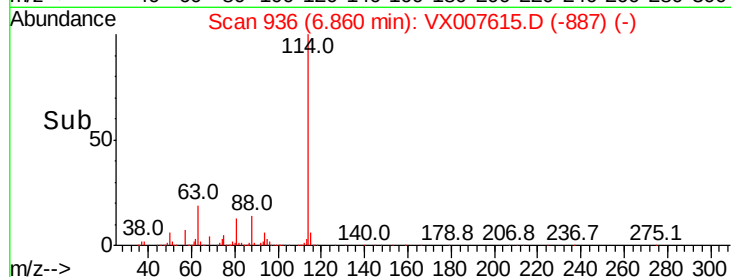
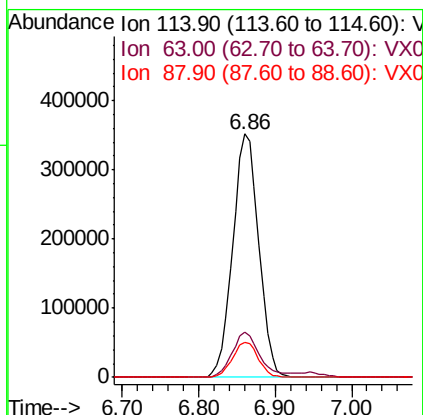
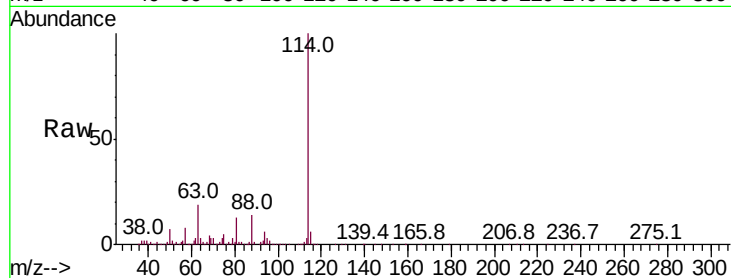




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007615.D
 Acq: 19 Feb 2019 16:04

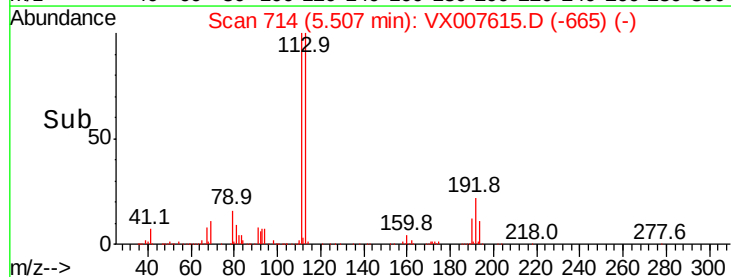
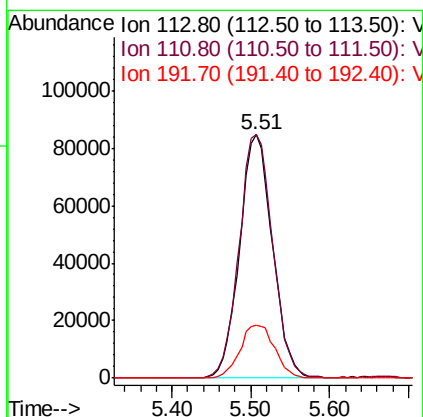
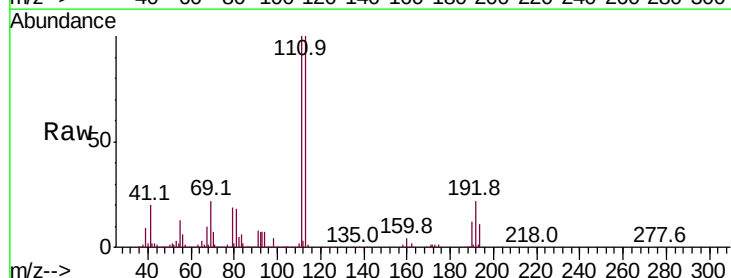
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

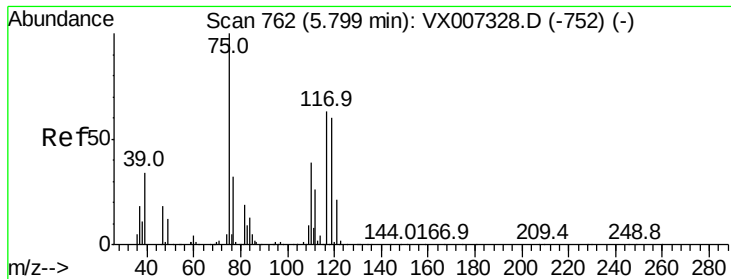
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	14.5	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 45.676 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX007615.D
 Acq: 19 Feb 2019 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	22.9	18.5	27.7





#36

1,1-Dichloropropene

Concen: 4.390 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-1

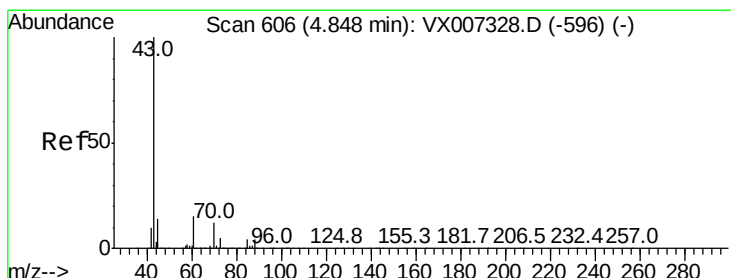
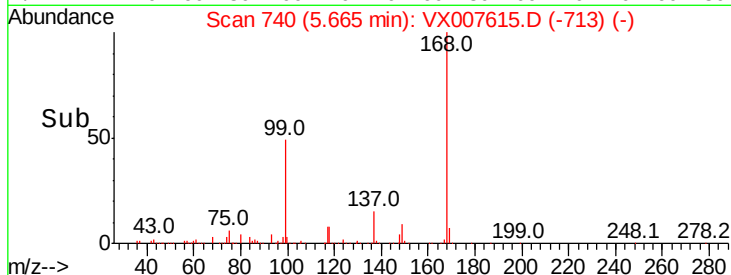
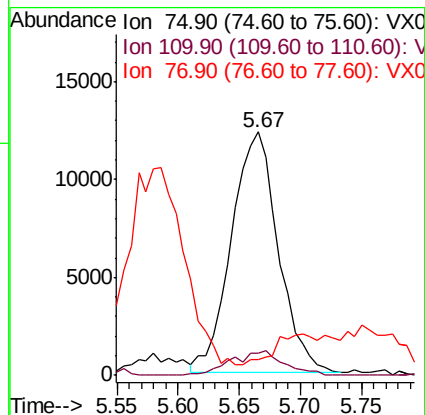
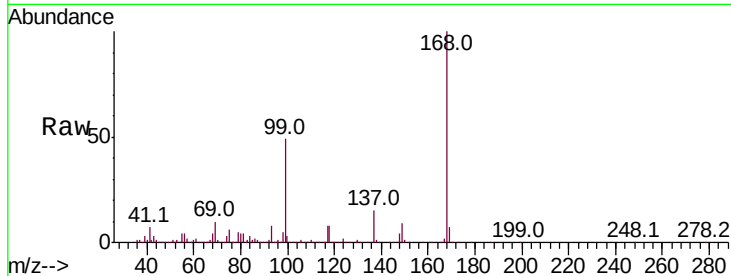
Tot Ion: 75 Resp: 32621

Ion Ratio Lower Upper

75 100

110 11.6 20.0 59.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.627 ug/l

RT: 4.89 min Scan# 613

Delta R.T. 0.04 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

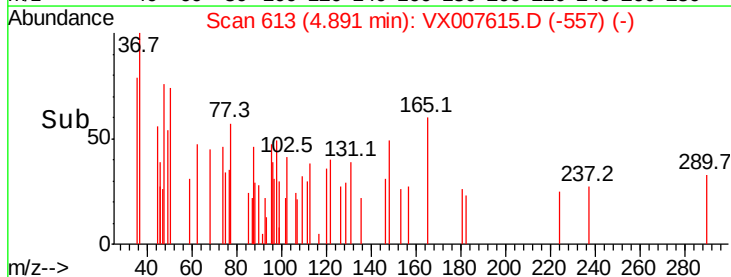
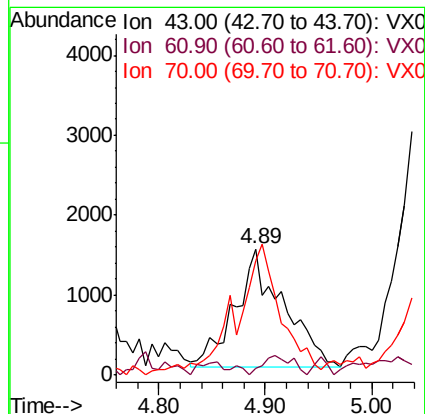
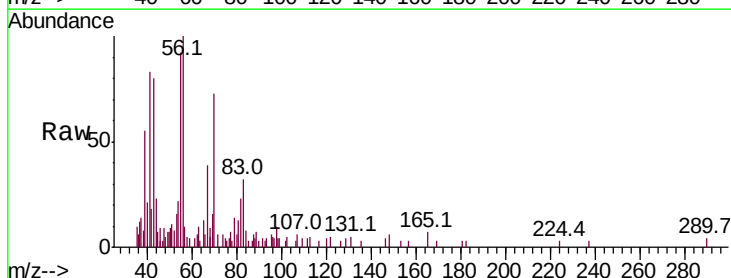
Tgt Ion: 43 Resp: 4713

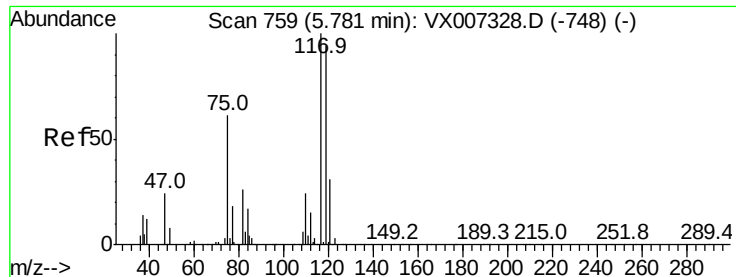
Ion Ratio Lower Upper

43 100

61 9.9 11.3 16.9#

70 70.7 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 6.589 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

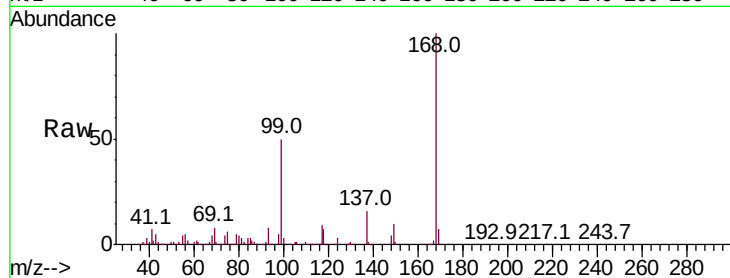
Tot Ion:117 Resp: 47498

Ion Ratio Lower Upper

117 100

119 4.3 75.3 112.9#

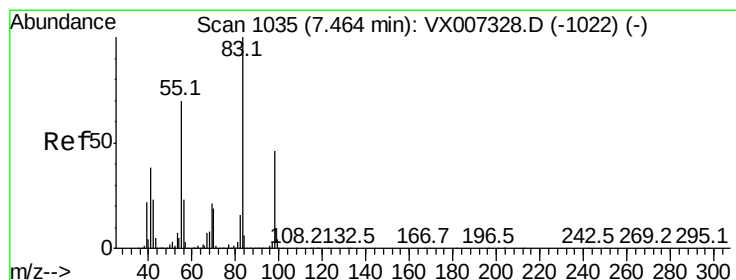
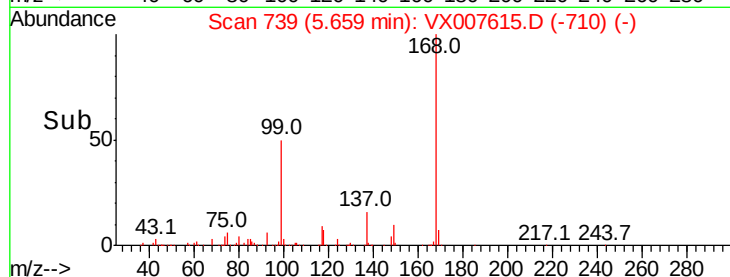
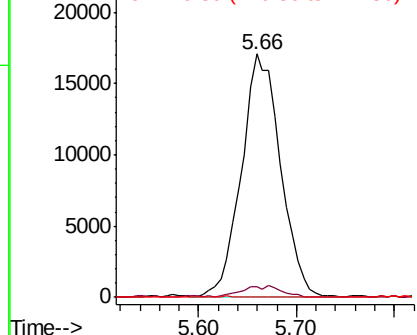
121 0.0 25.0 37.4#



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: 156.433 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

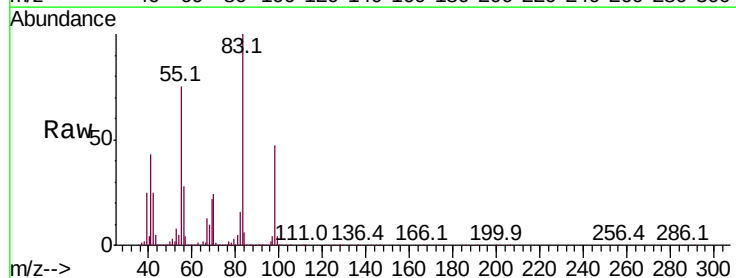
Tgt Ion: 83 Resp: 1406404

Ion Ratio Lower Upper

83 100

55 74.8 56.2 84.2

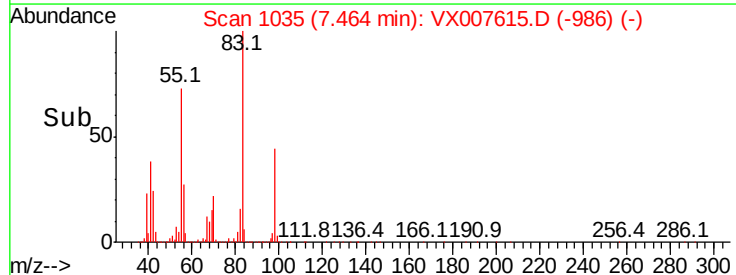
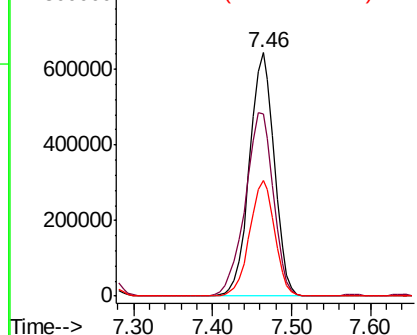
98 47.3 36.8 55.2

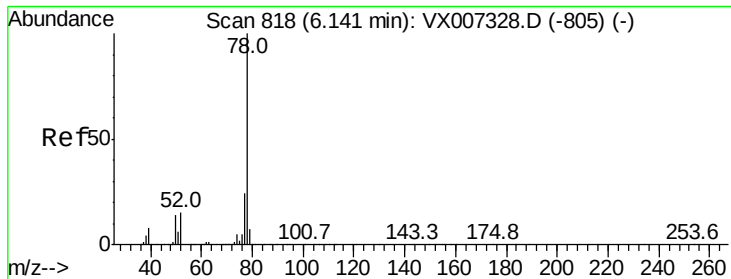


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.437 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

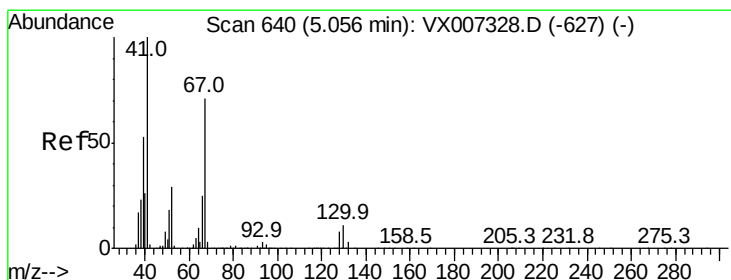
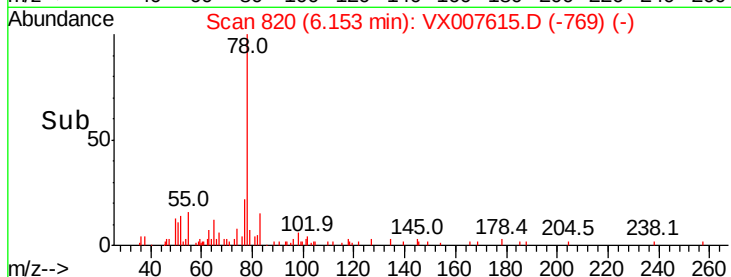
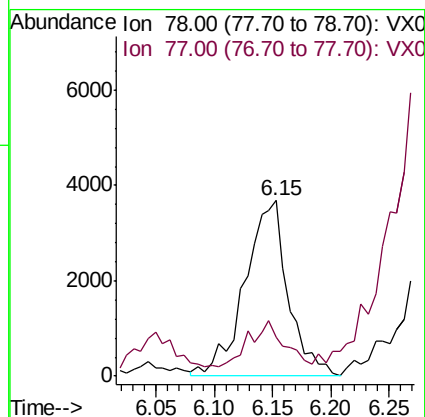
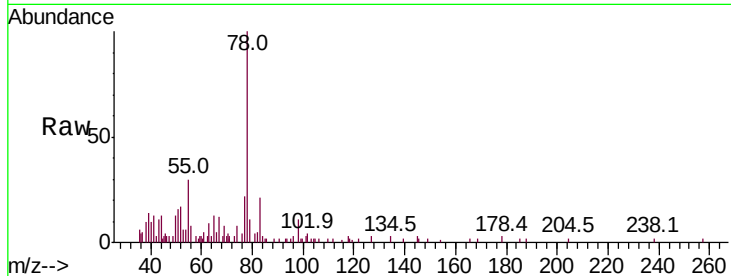
MW-1

Tot Ion: 78 Resp: 9556

Ion Ratio Lower Upper

78 100

77 14.6 19.3 28.9#



#41

Methacrylonitrile

Concen: 4.982 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Tgt Ion: 41 Resp: 20058

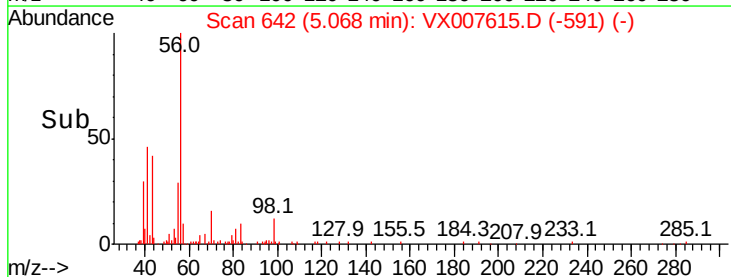
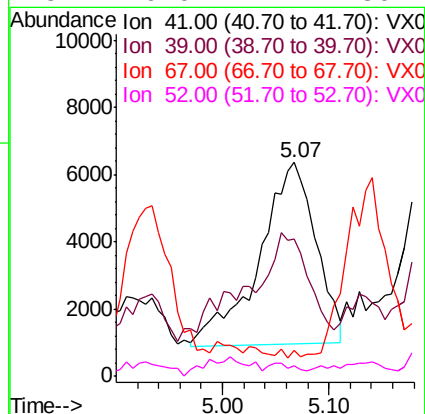
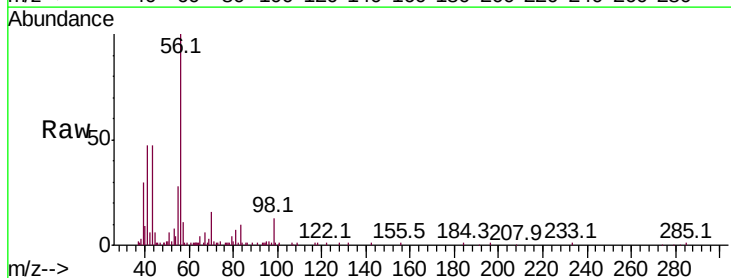
Ion Ratio Lower Upper

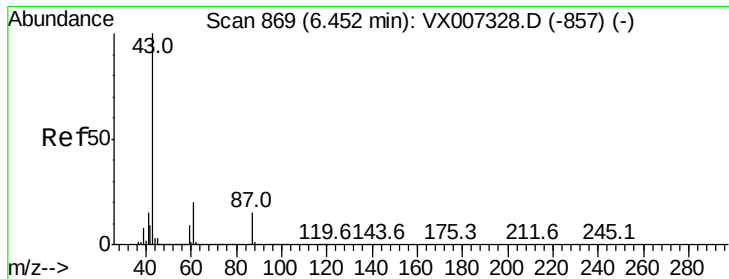
41 100

39 0.0 44.5 66.7#

67 0.0 60.4 90.6#

52 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 4.000 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

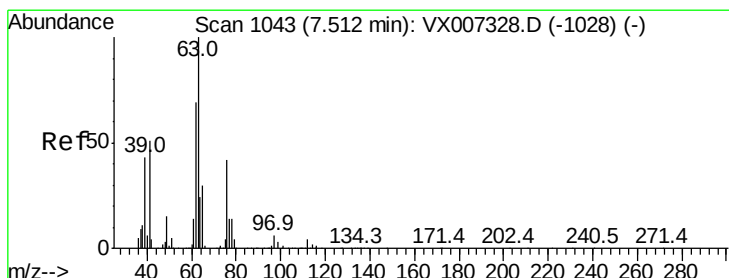
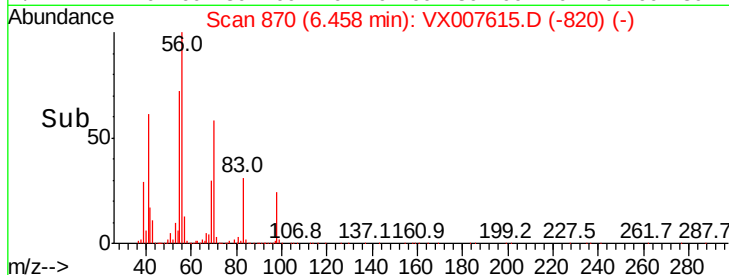
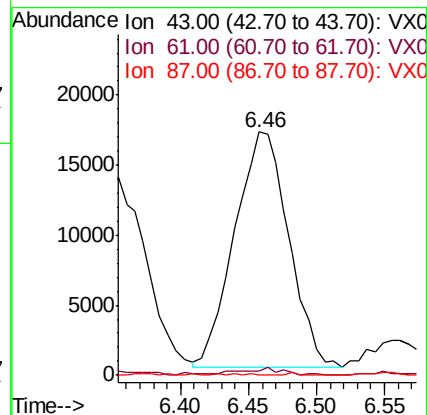
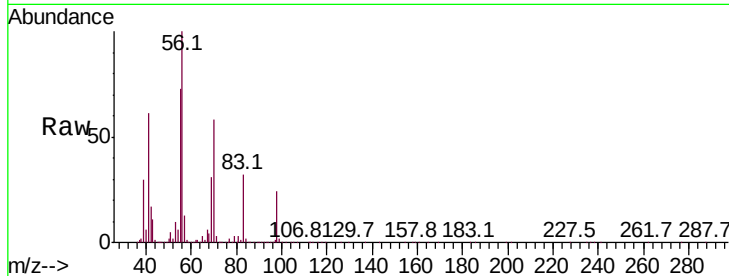
Tot Ion: 43 Resp: 46376

Ion Ratio Lower Upper

43 100

61 2.4 16.1 24.1#

87 0.0 11.5 17.3#



#45

1,2-Dichloropropane

Concen: 3.400 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX007615.D

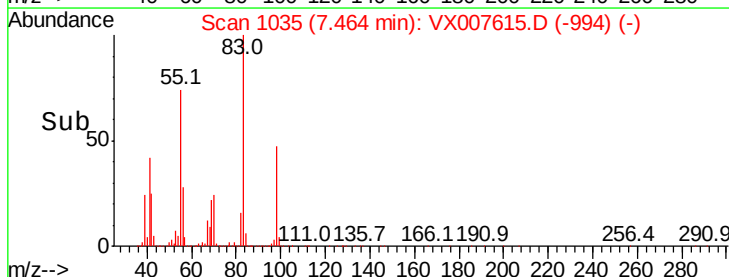
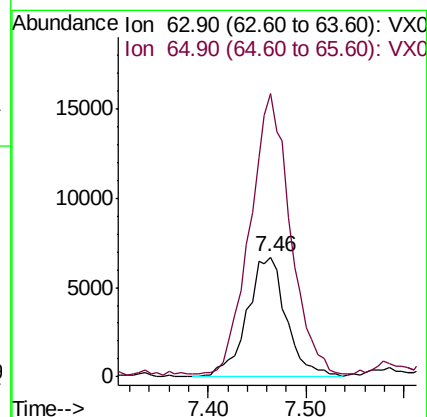
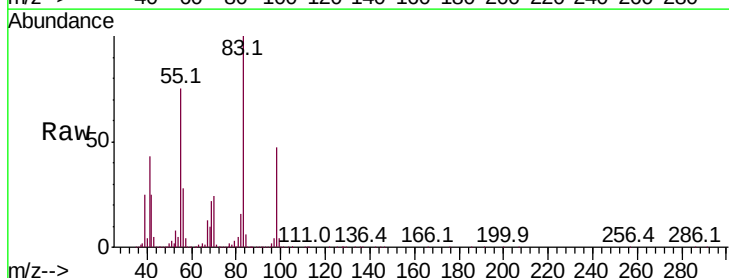
Acq: 19 Feb 2019 16:04

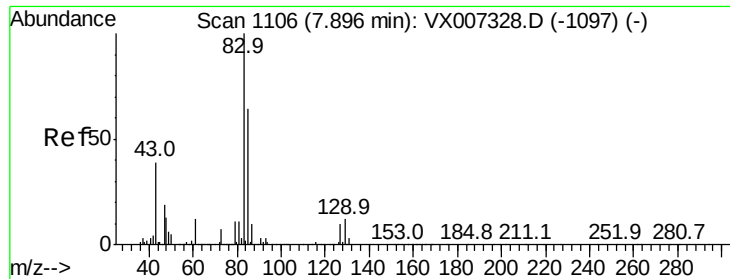
Tgt Ion: 63 Resp: 18645

Ion Ratio Lower Upper

63 100

65 233.9 24.2 36.2#





#47

Bromodichloromethane

Concen: 0.886 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

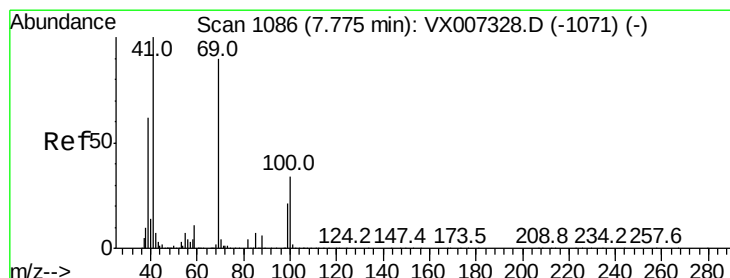
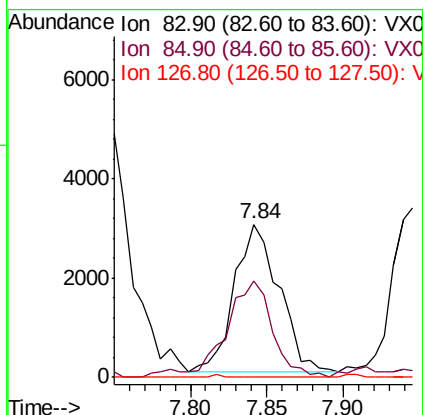
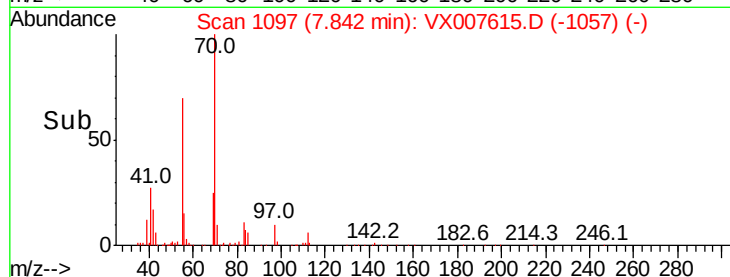
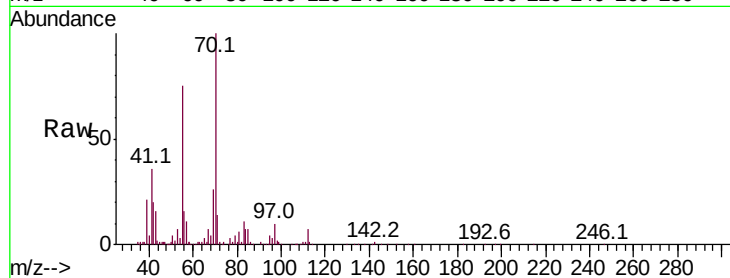
Tot Ion: 83 Resp: 5986

Ion Ratio Lower Upper

83 100

85 62.0 51.4 77.0

127 0.0 8.1 12.1#



#48

Methyl methacrylate

Concen: 22.172 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

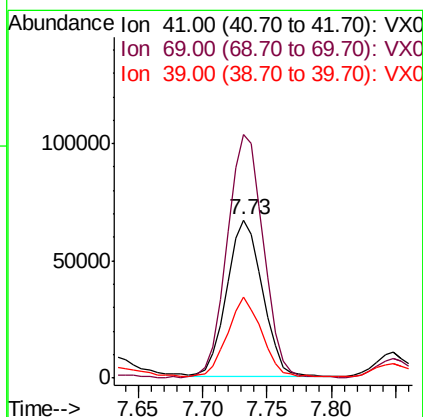
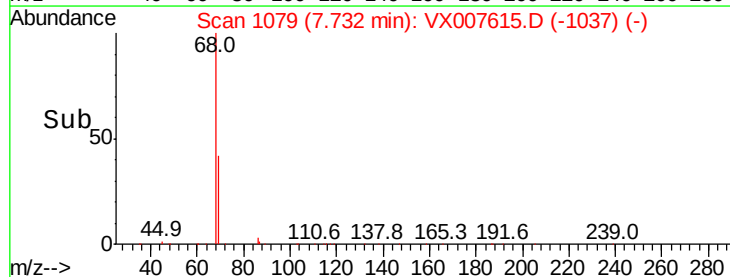
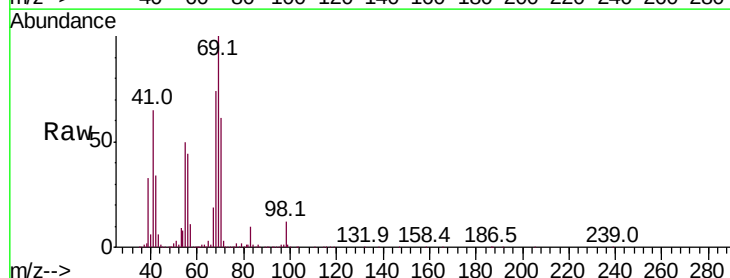
Tgt Ion: 41 Resp: 128582

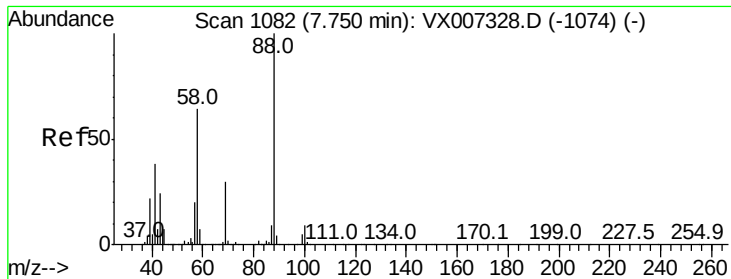
Ion Ratio Lower Upper

41 100

69 157.9 70.2 105.4#

39 49.1 47.4 71.0





#49

1,4-Dioxane

Concen: 7.707 ug/l

RT: 7.71 min Scan# 1076

Delta R.T. -0.04 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-1

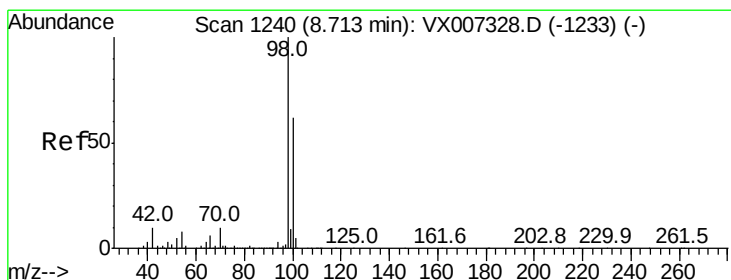
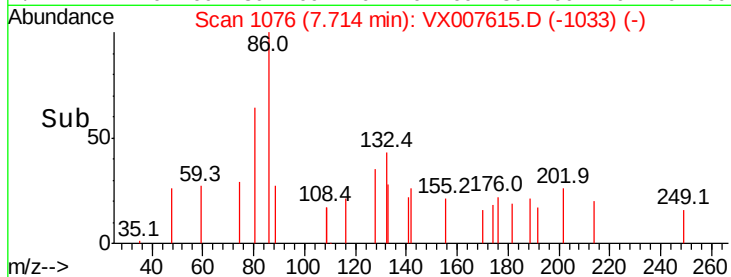
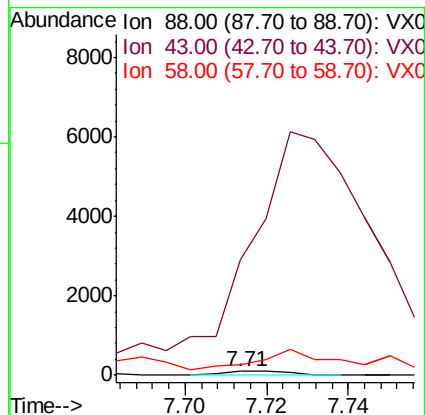
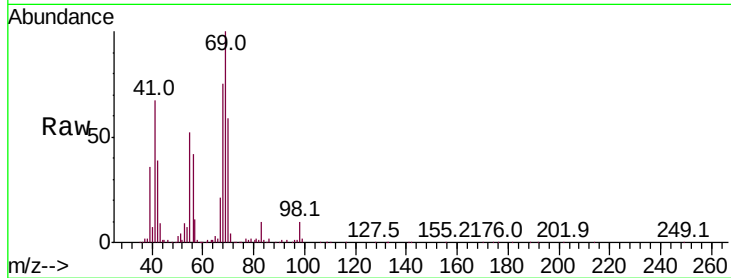
Tot Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 10120.9 24.2 36.4#

58 925.5 53.0 79.4#



#50

Toluene-d8

Concen: 55.746 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX007615.D

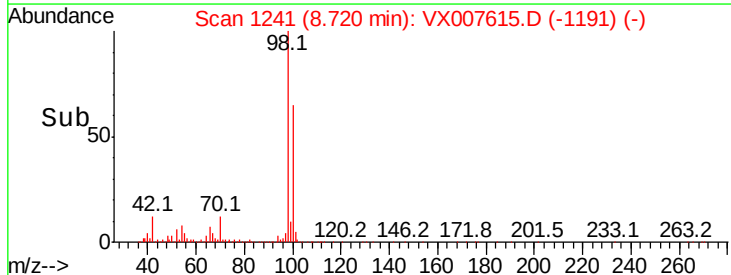
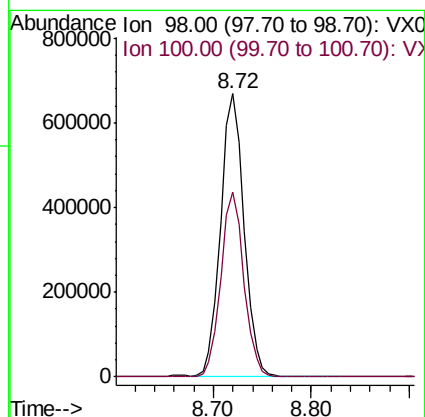
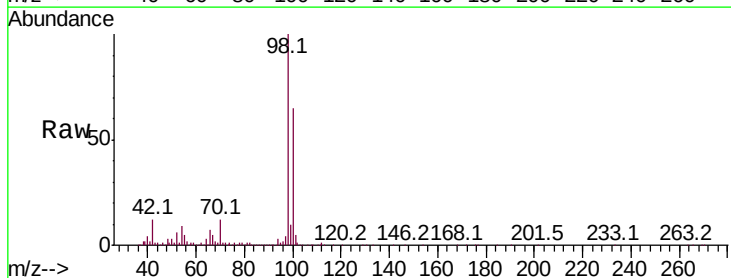
Acq: 19 Feb 2019 16:04

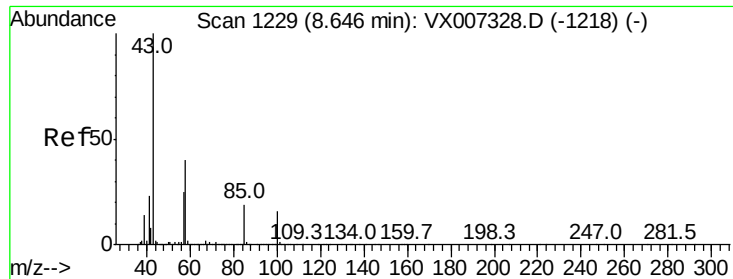
Tgt Ion: 98 Resp: 1114527

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

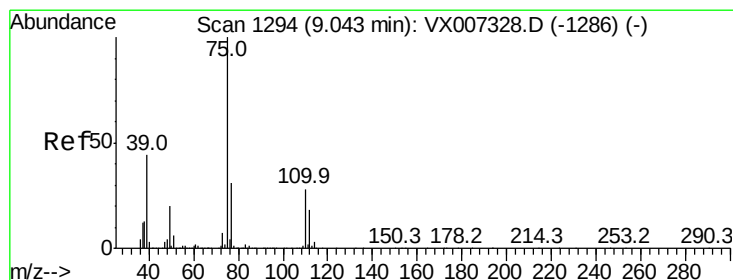
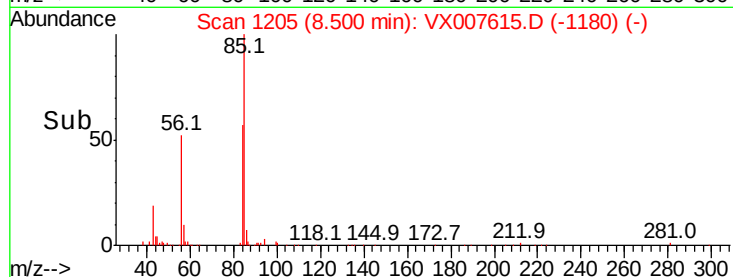
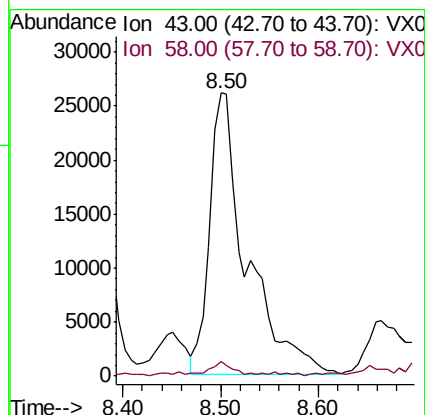
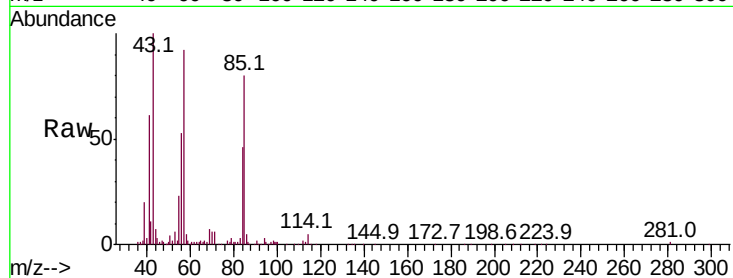




#51
4-Methyl-2-Pentanone
Concen: 8.944 ug/l
RT: 8.50 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

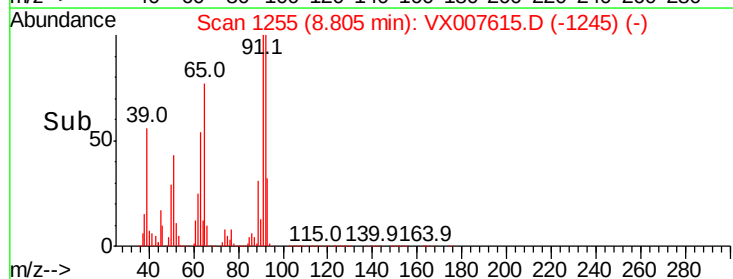
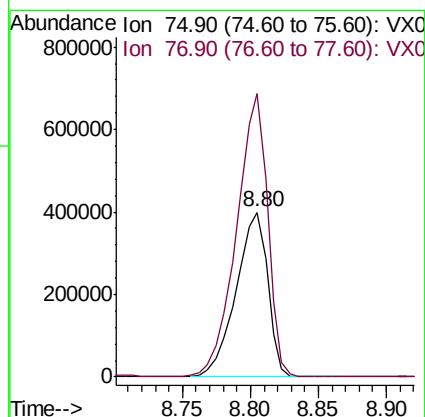
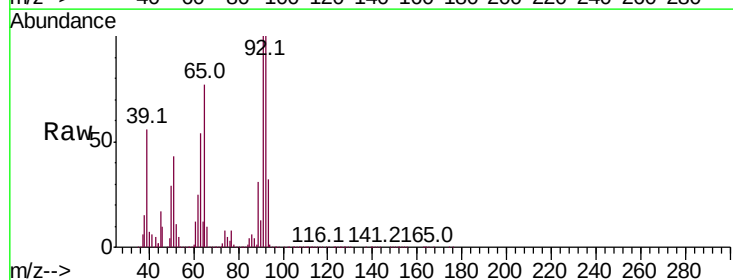
Instrument :
MSVOA_X
ClientSampled :
MW-1

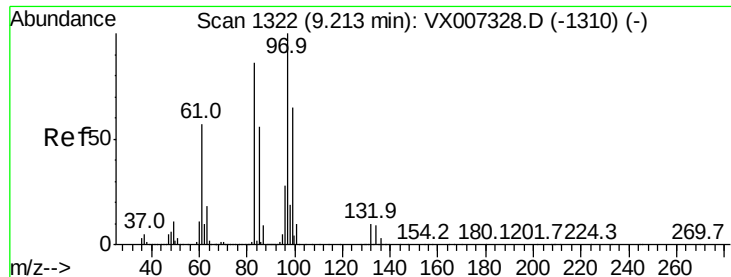
Tot Ion: 43 Resp: 68263
Ion Ratio Lower Upper
43 100
58 2.4 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 89.034 ug/l
RT: 8.80 min Scan# 1255
Delta R.T. -0.24 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Tgt Ion: 75 Resp: 646058
Ion Ratio Lower Upper
75 100
77 171.6 25.2 37.8#





#55

1,1,2-Trichloroethane

Concen: 16.643 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tot Ion: 97 Resp: 97977

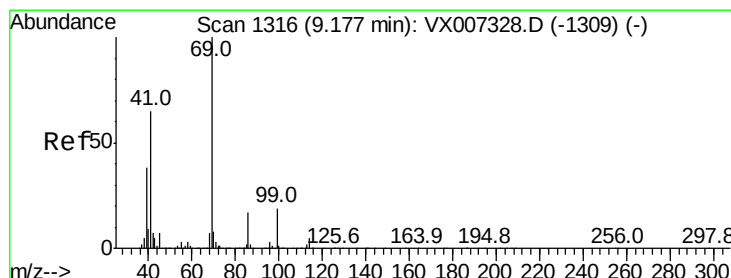
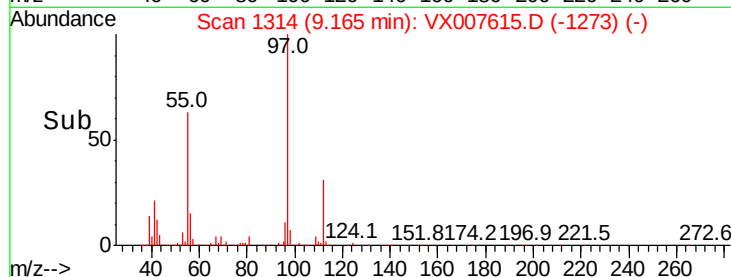
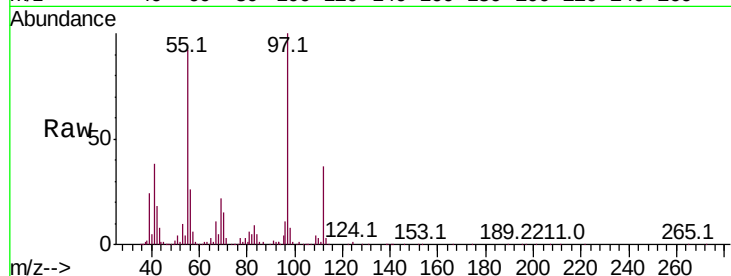
Ion Ratio Lower Upper

97 100

83 6.7 68.6 102.8#

85 0.3 44.5 66.7#

99 0.5 52.2 78.4#



#56

Ethyl methacrylate

Concen: 2.827 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

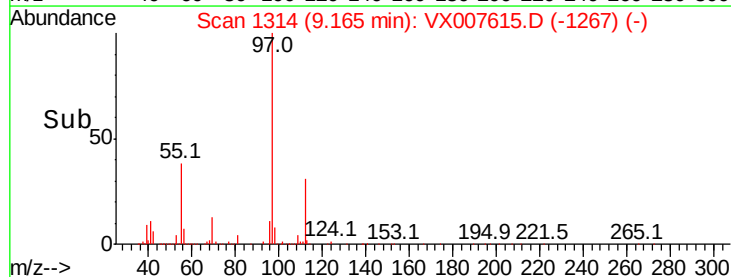
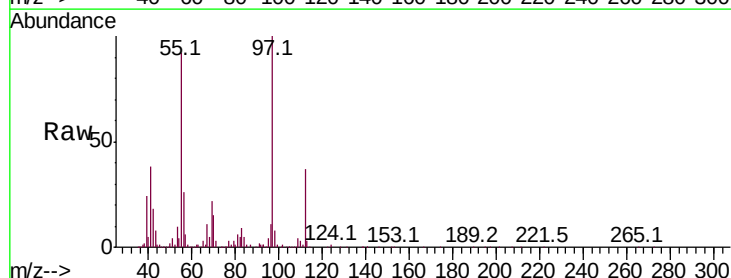
Tgt Ion: 69 Resp: 23053

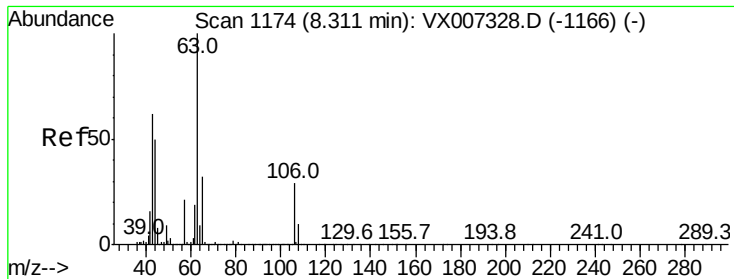
Ion Ratio Lower Upper

69 100

41 178.3 52.1 78.1#

39 87.0 30.1 45.1#





#58

2-Chloroethyl Vinyl ether

Concen: 1.801 ug/l

RT: 8.26 min Scan# 1166

Delta R.T. -0.05 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

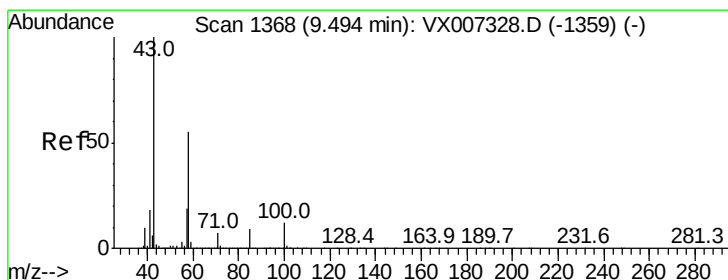
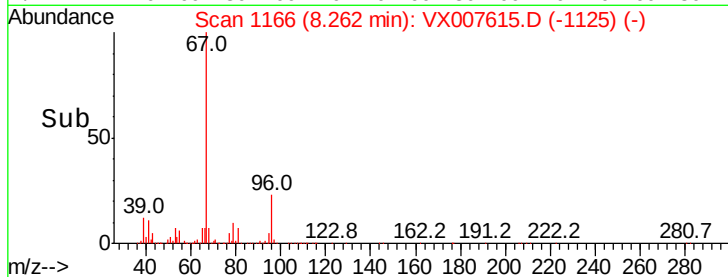
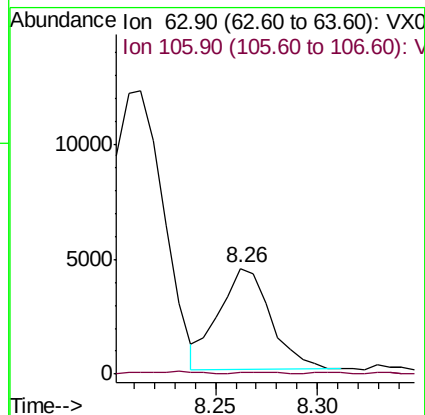
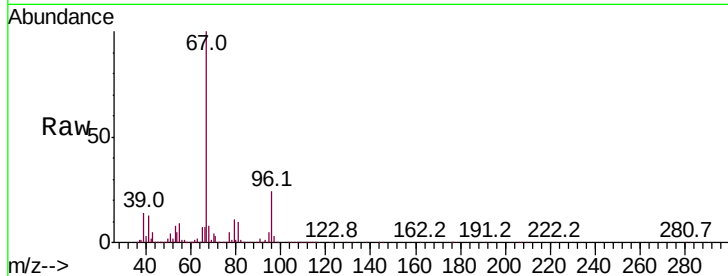
MW-1

Tot Ion: 63 Resp: 7738

Ion Ratio Lower Upper

63 100

106 1.5 23.6 35.4#



#59

2-Hexanone

Concen: 0.751 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX007615.D

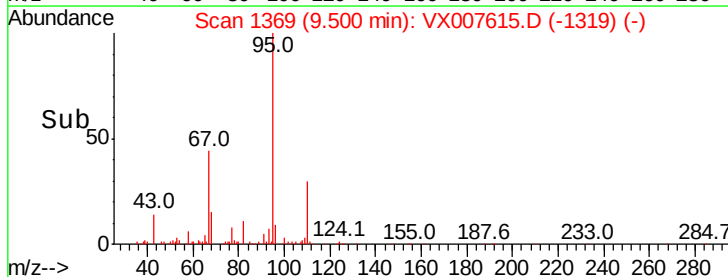
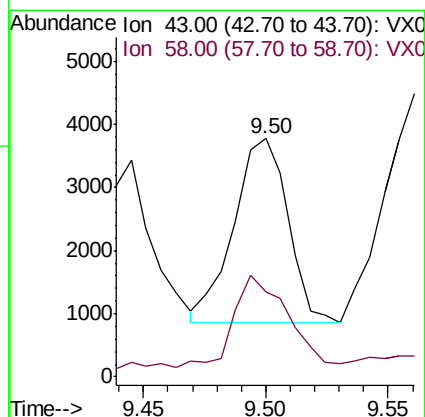
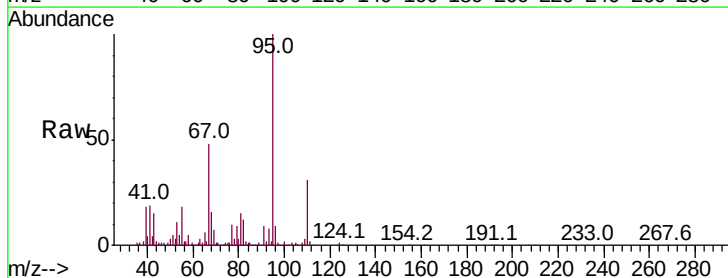
Acq: 19 Feb 2019 16:04

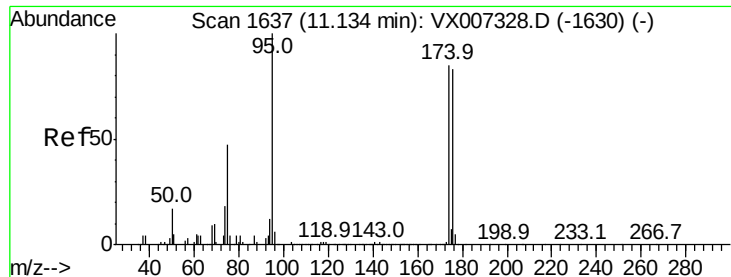
Tgt Ion: 43 Resp: 4459

Ion Ratio Lower Upper

43 100

58 49.3 27.1 81.3





#62

4-Bromofluorobenzene

Concen: 60.473 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

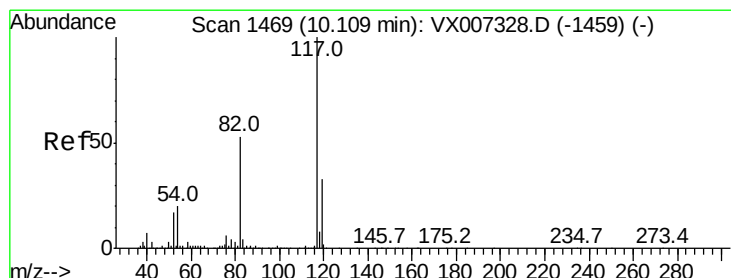
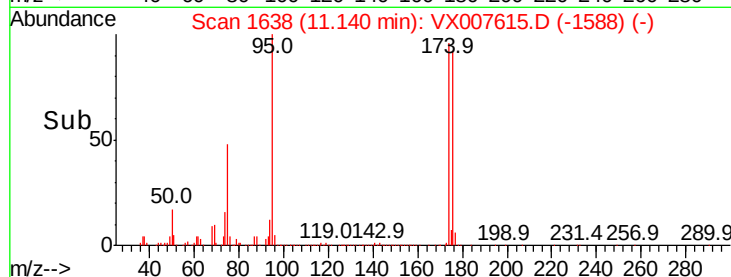
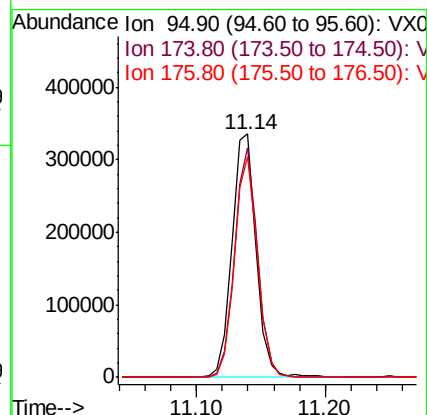
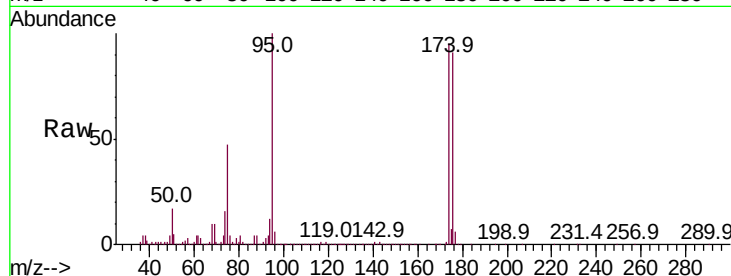
Tot Ion: 95 Resp: 441415

Ion Ratio Lower Upper

95 100

174 89.5 0.0 189.2

176 86.5 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: VX007615.D

Acq: 19 Feb 2019 16:04

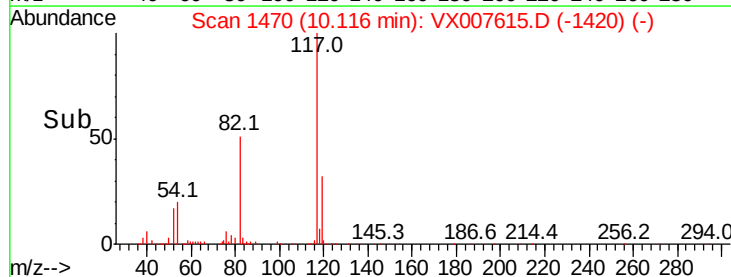
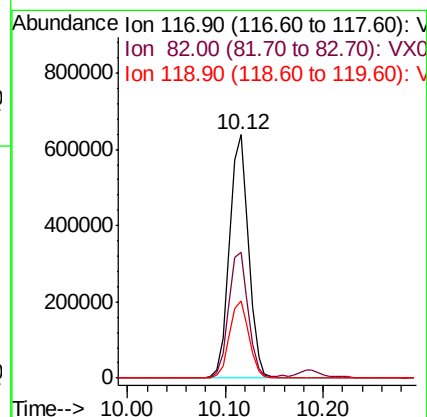
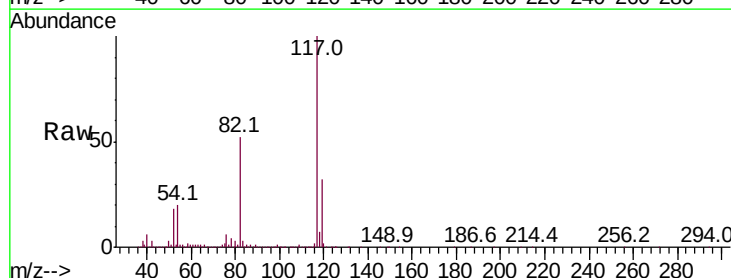
Tgt Ion: 117 Resp: 862501

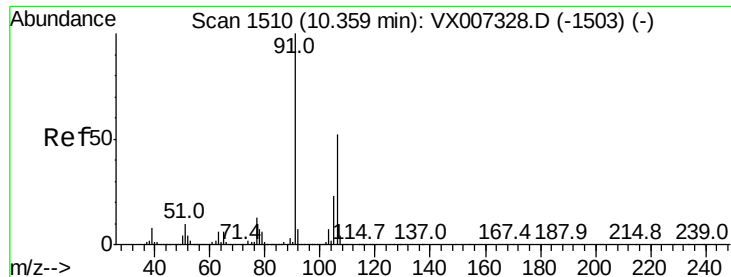
Ion Ratio Lower Upper

117 100

82 51.4 42.1 63.1

119 31.8 26.5 39.7

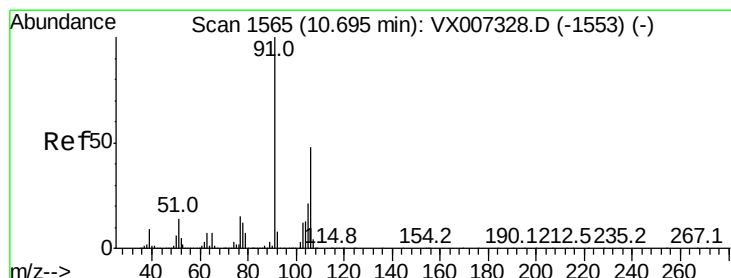
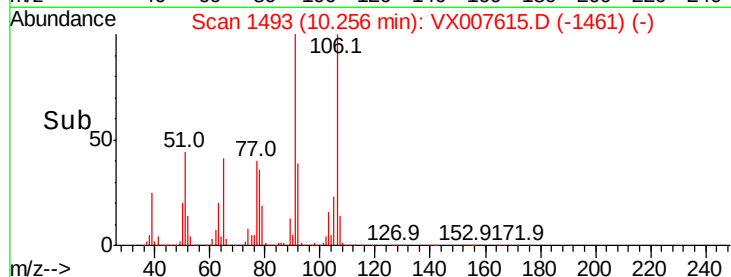
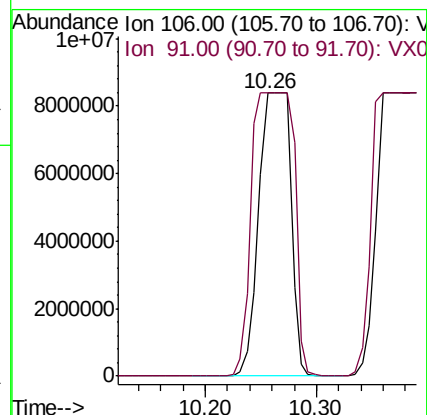
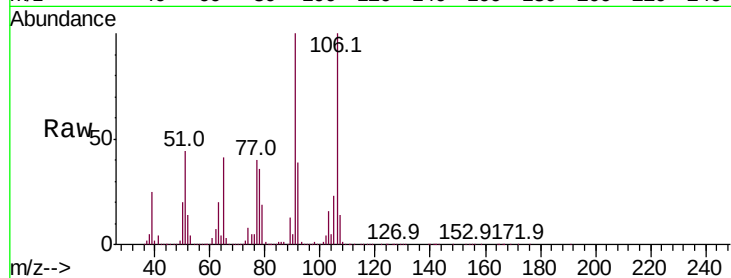




#68
m/p-Xylenes
Concen: 1396.216 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.10 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

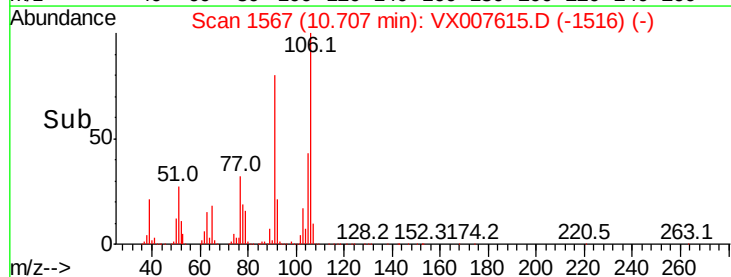
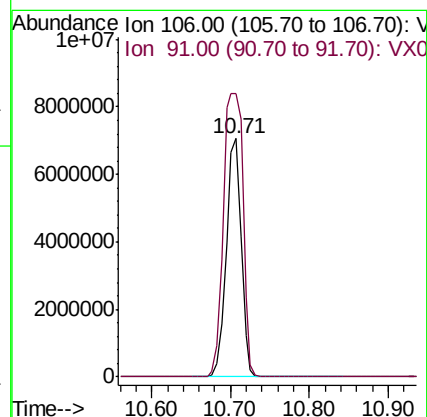
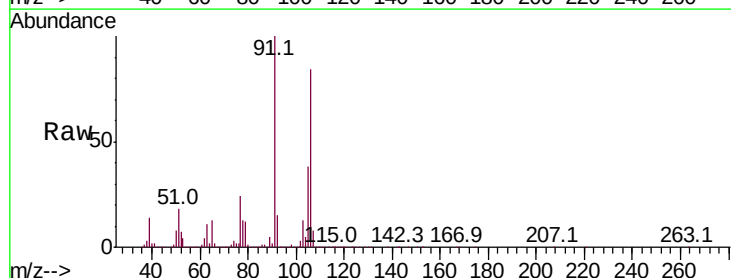
Instrument :
MSVOA_X
ClientSampled :
MW-1

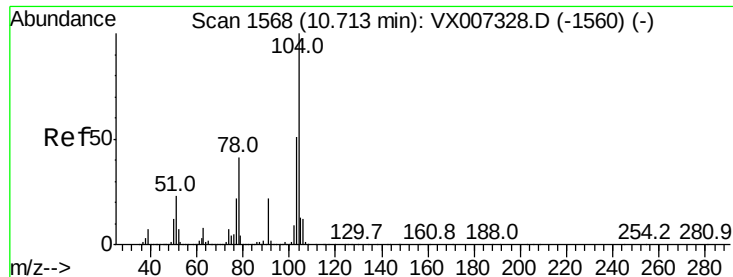
Tot Ion:106 Resp:16822267
Ion Ratio Lower Upper
106 100
91 0.0 156.6 234.8#



#69
o-Xylene
Concen: 799.639 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Tgt Ion:106 Resp: 9270720
Ion Ratio Lower Upper
106 100
91 157.0 102.9 308.7





#70

Stvrene

Concen: 31.500 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-1

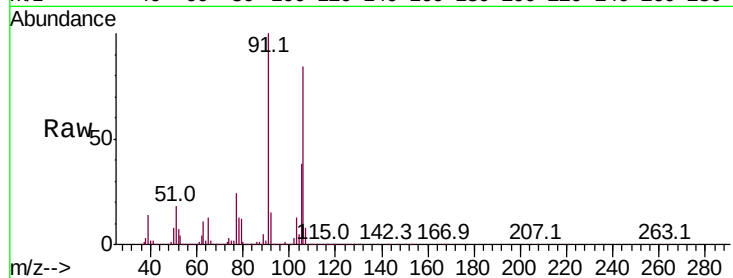
Tot Ion:104 Resp: 592278

Ion Ratio Lower Upper

104 100

78 247.7 38.3 57.5#

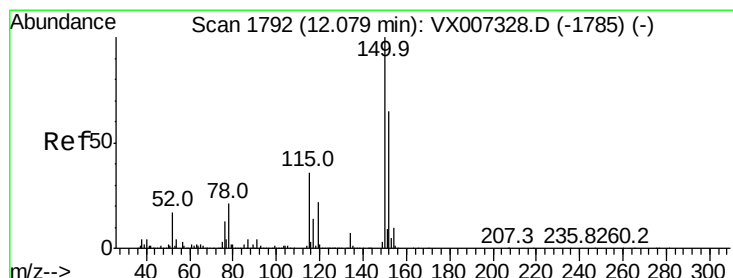
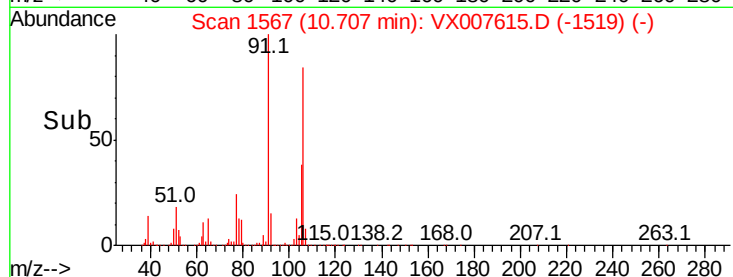
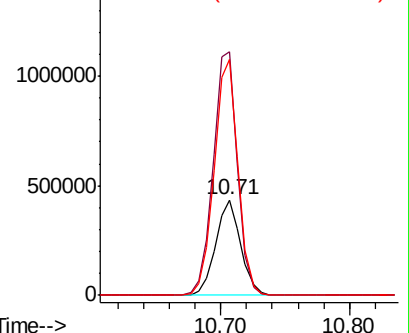
103 235.3 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX007615.D

Acq: 19 Feb 2019 16:04

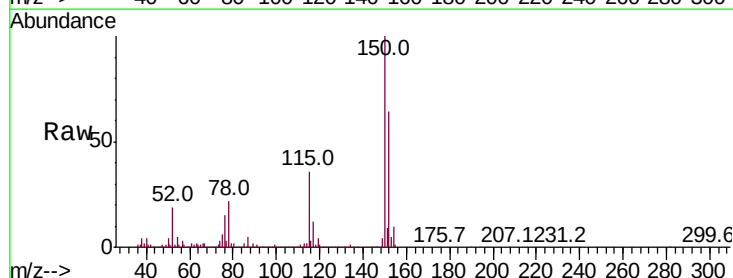
Tgt Ion:152 Resp: 490257

Ion Ratio Lower Upper

152 100

115 57.7 38.0 114.0

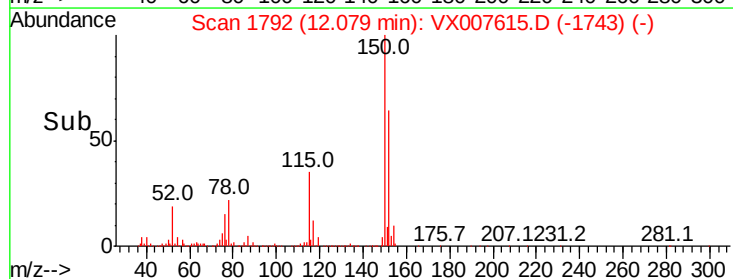
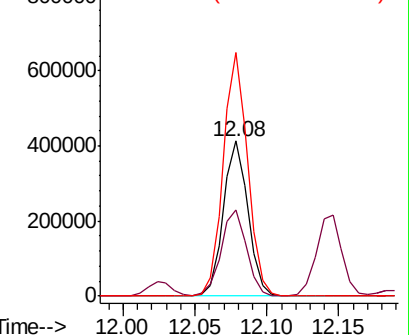
150 155.9 0.0 346.4

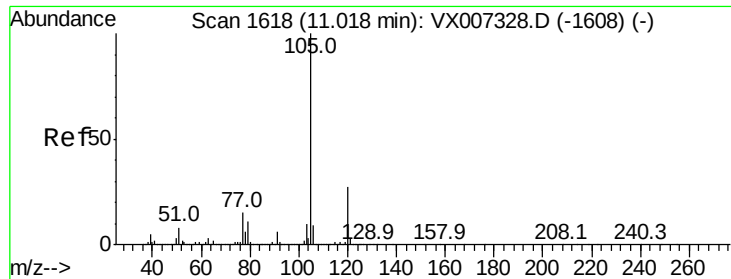


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 89.200 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

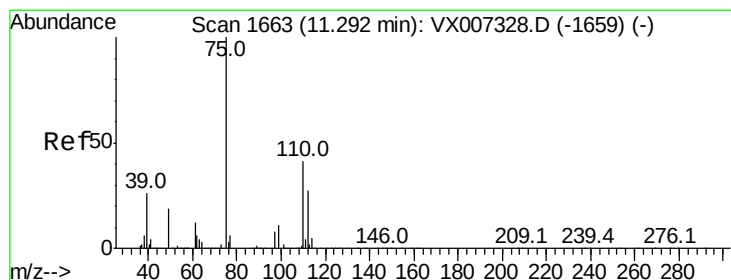
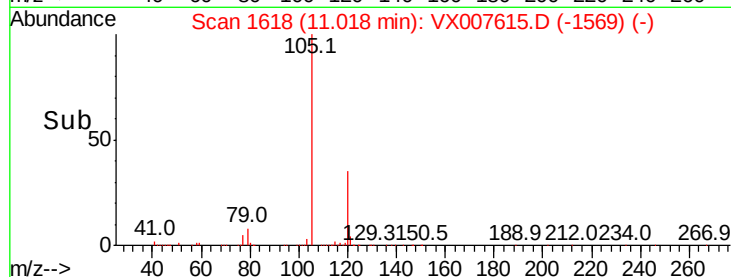
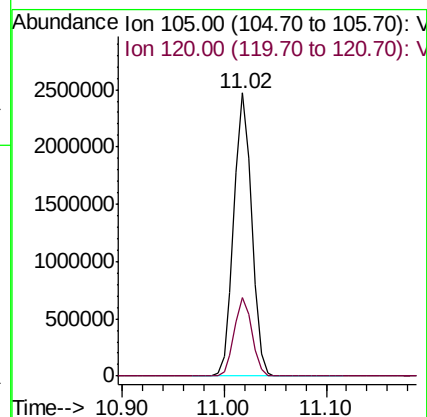
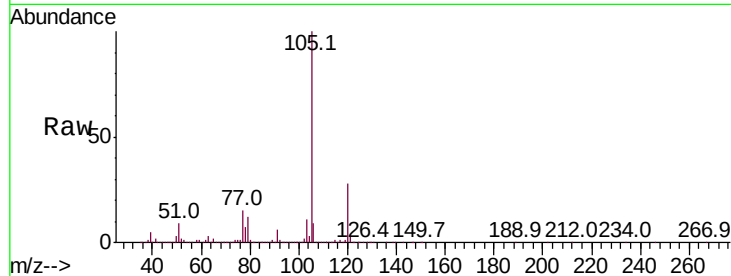
MW-1

Tot Ion:105 Resp: 2971740

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#76

1,2,3-Trichloropropane

Concen: 5.460 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX007615.D

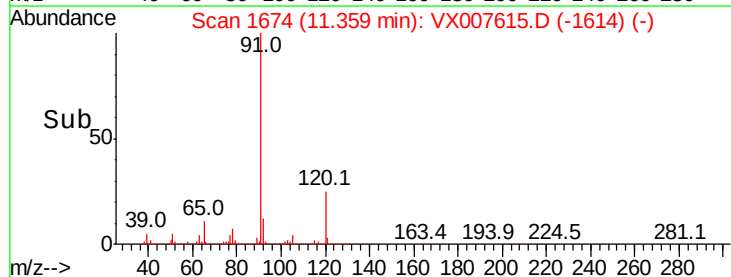
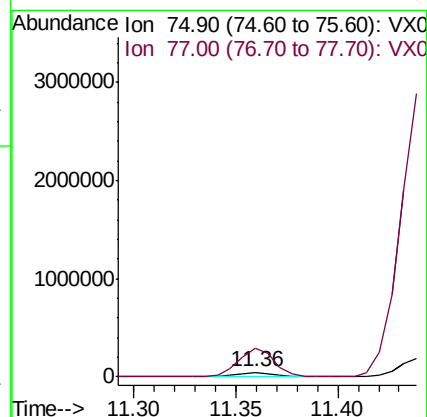
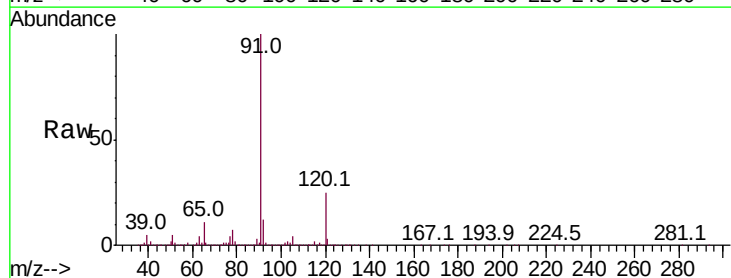
Acq: 19 Feb 2019 16:04

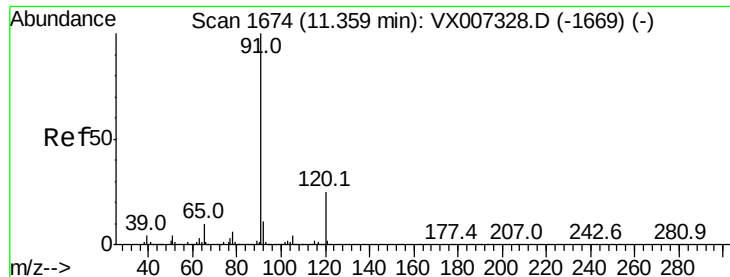
Tgt Ion: 75 Resp: 52069

Ion Ratio Lower Upper

75 100

77 682.5 23.0 69.0#





#78

n-propylbenzene

Concen: 233.654 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

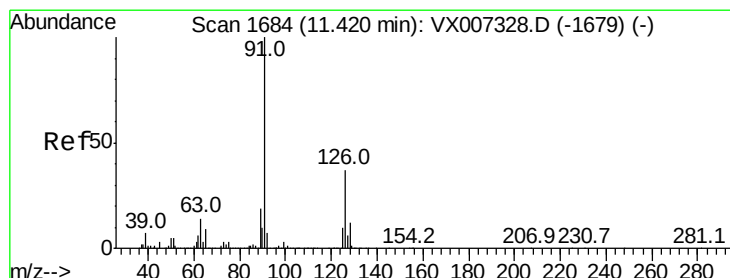
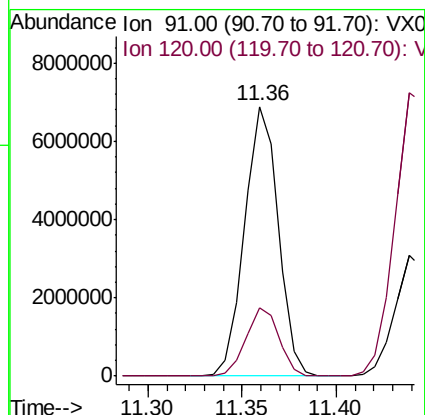
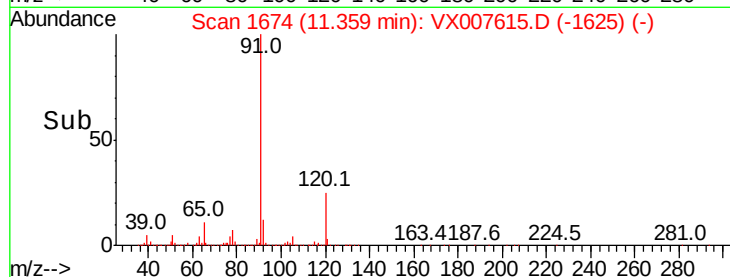
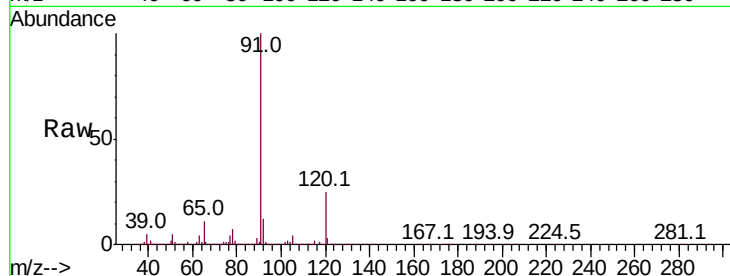
MW-1

Tot Ion: 91 Resp: 8535994

Ion Ratio Lower Upper

91 100

120 24.9 12.4 37.2



#79

2-Chlorotoluene

Concen: 235.022 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX007615.D

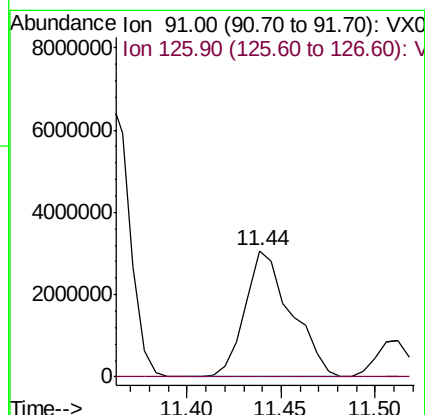
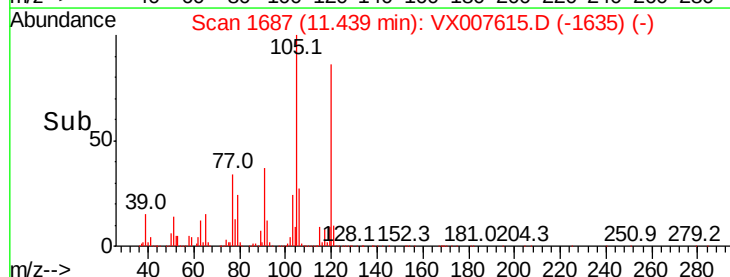
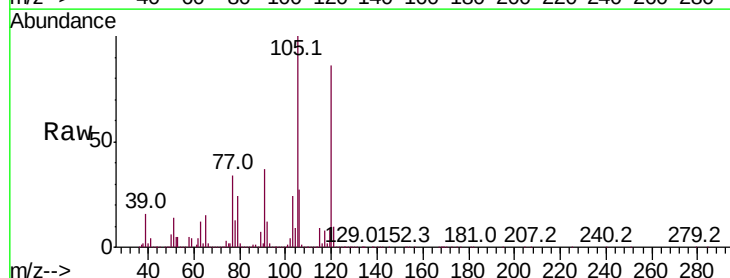
Acq: 19 Feb 2019 16:04

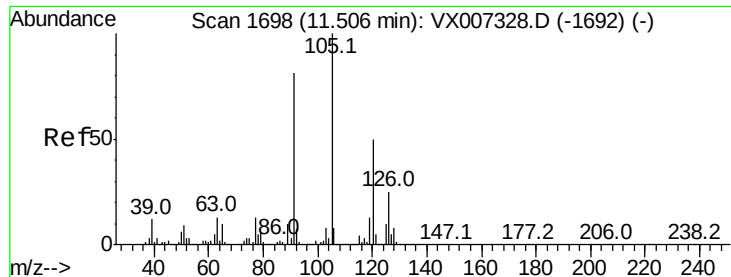
Tgt Ion: 91 Resp: 5209796

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 355.871 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

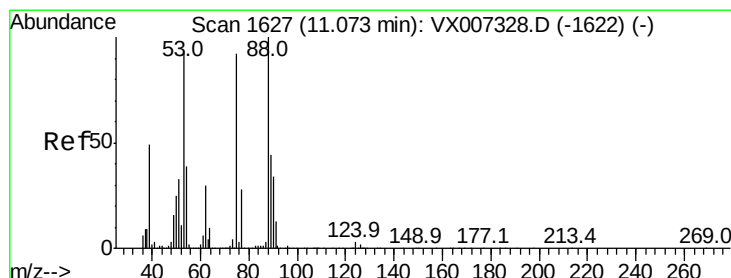
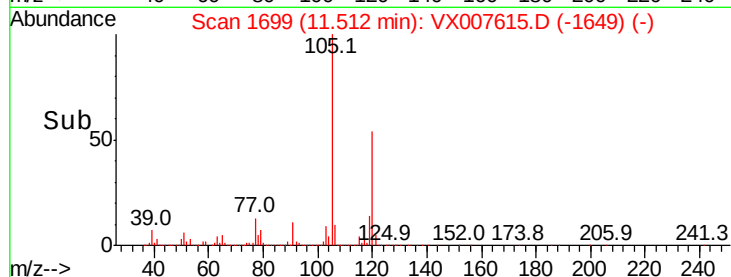
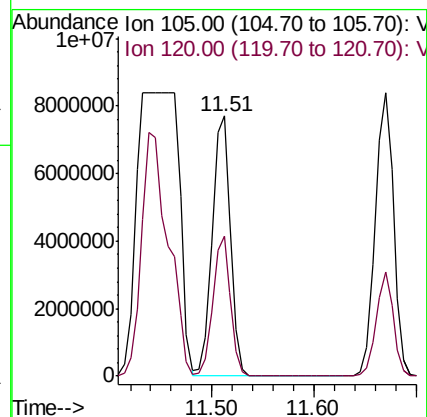
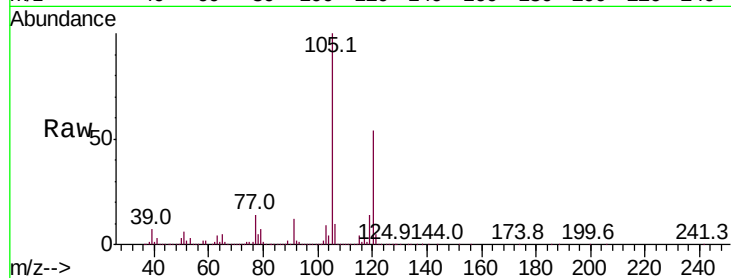
MW-1

Tot Ion:105 Resp: 9699682

Ion Ratio Lower Upper

105 100

120 51.8 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 14.123 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

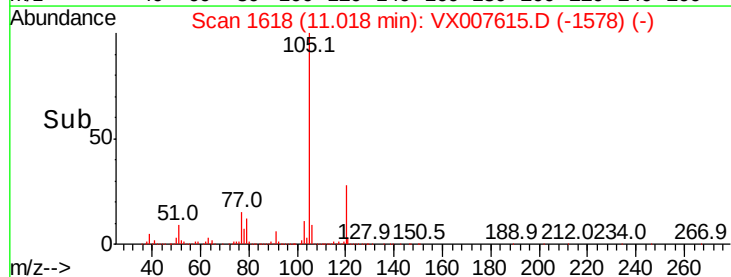
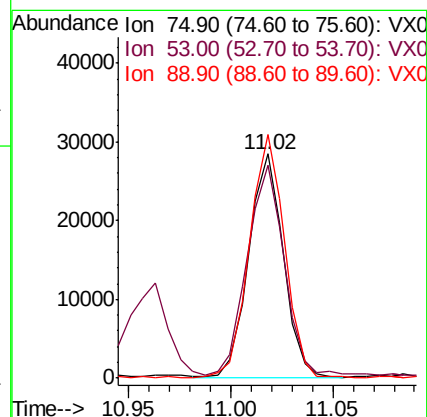
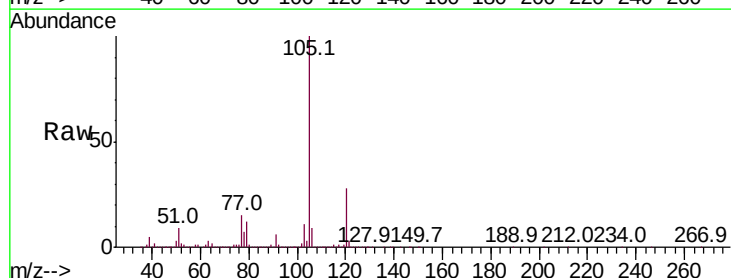
Tgt Ion: 75 Resp: 33348

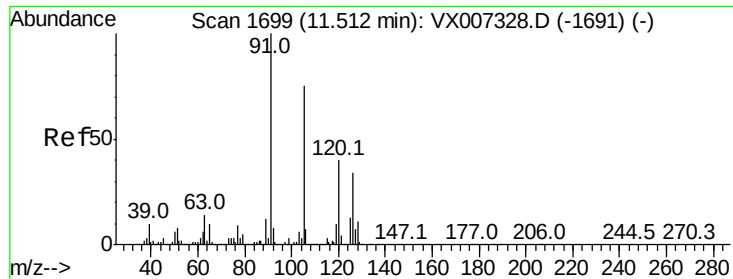
Ion Ratio Lower Upper

75 100

53 99.7 81.0 121.6

89 111.3 41.4 62.0#





#82

4-Chlorotoluene

Concen: 42.525 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

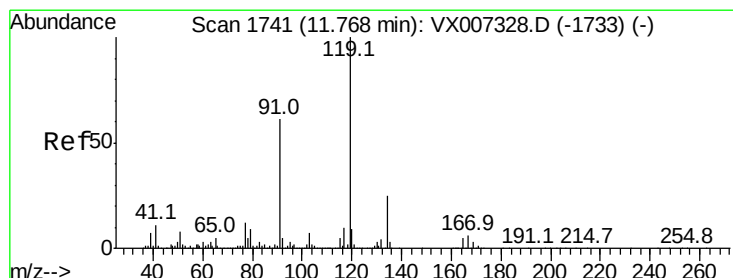
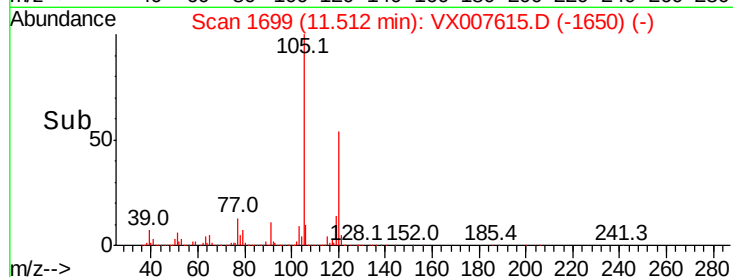
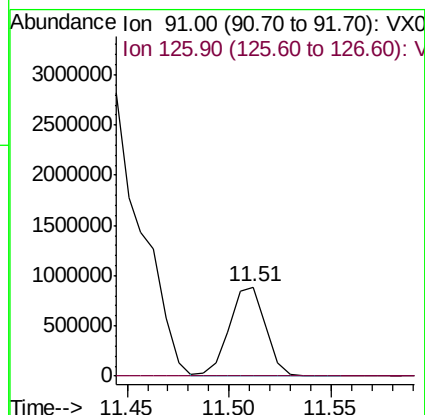
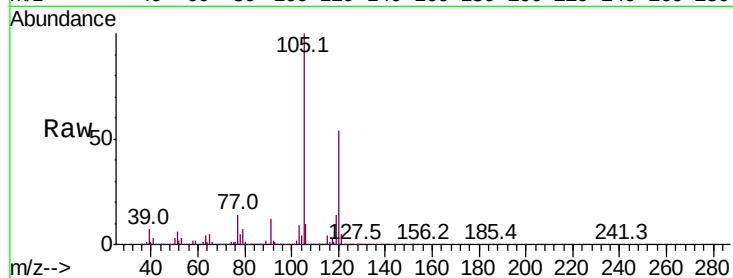
MW-1

Tot Ion: 91 Resp: 1090767

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#



#83

tert-Butylbenzene

Concen: 167.552 ug/l

RT: 11.82 min Scan# 1749

Delta R.T. 0.05 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

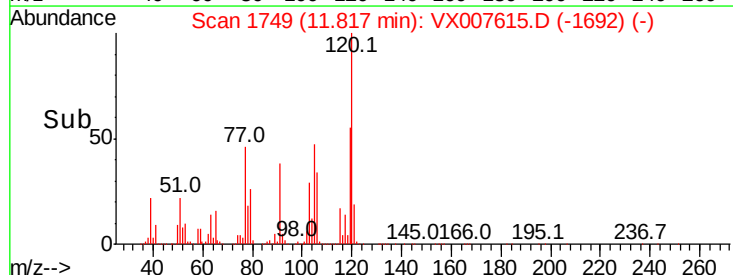
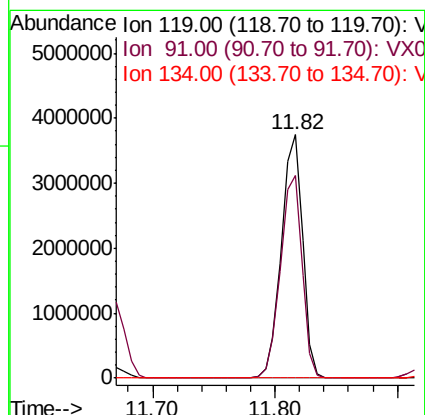
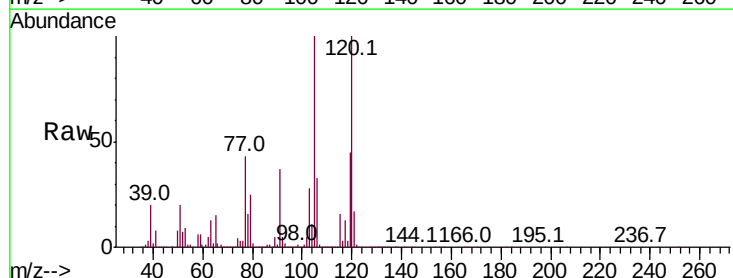
Tgt Ion: 119 Resp: 4521440

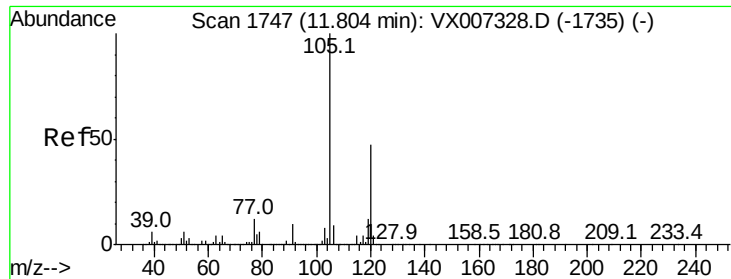
Ion Ratio Lower Upper

119 100

91 84.7 28.5 85.6

134 0.0 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 379.365 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. -0.13 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

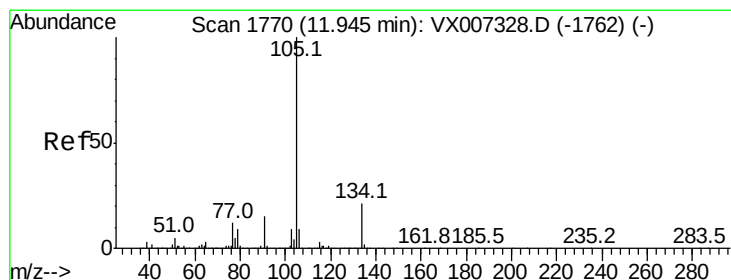
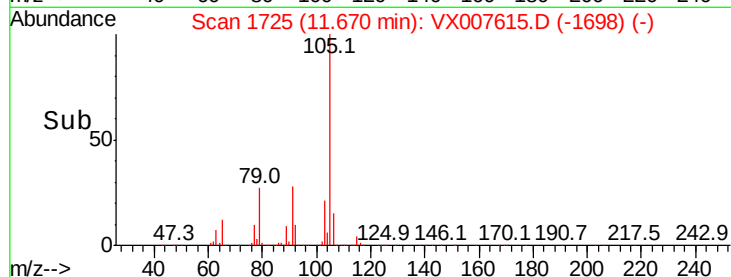
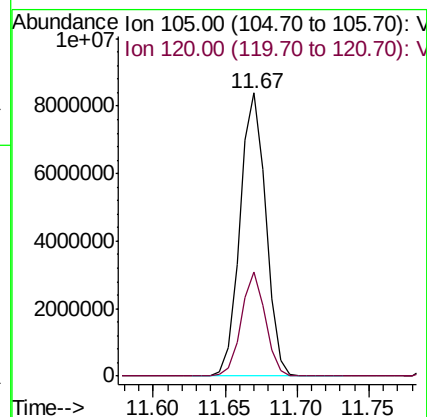
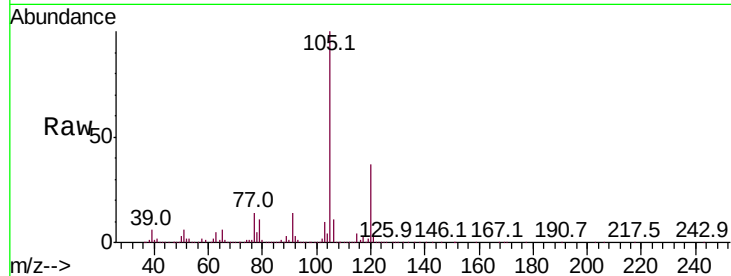
MW-1

Tot Ion:105 Resp:10497568

Ion Ratio Lower Upper

105 100

120 34.2 23.1 69.3



#85

sec-Butylbenzene

Concen: 499.605 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007615.D

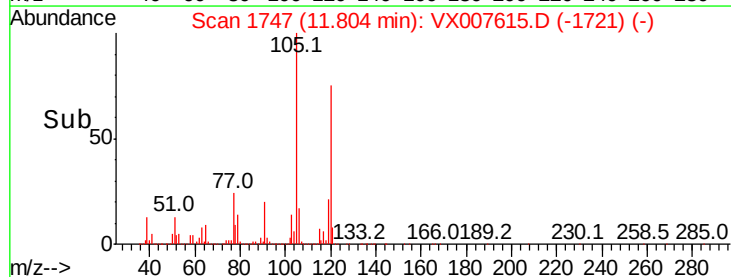
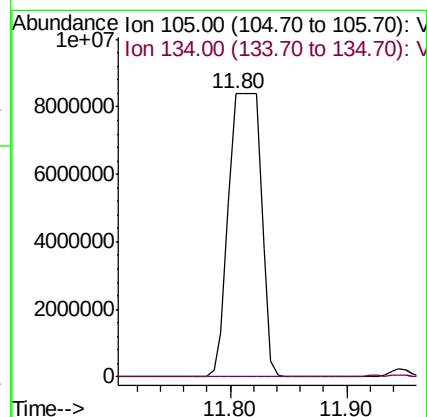
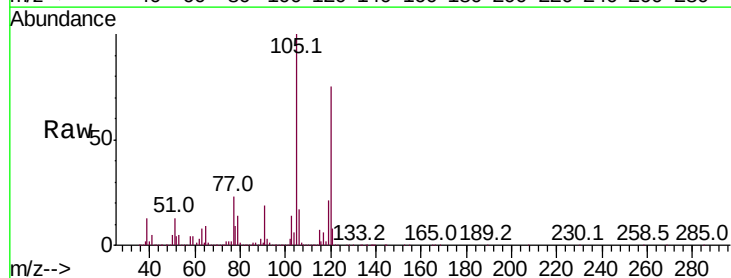
Acq: 19 Feb 2019 16:04

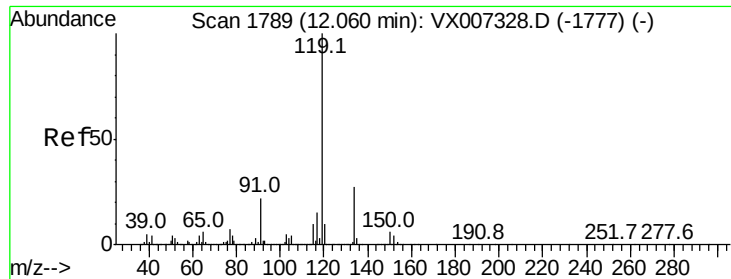
Tgt Ion:105 Resp:16317408

Ion Ratio Lower Upper

105 100

134 0.0 10.6 31.8#

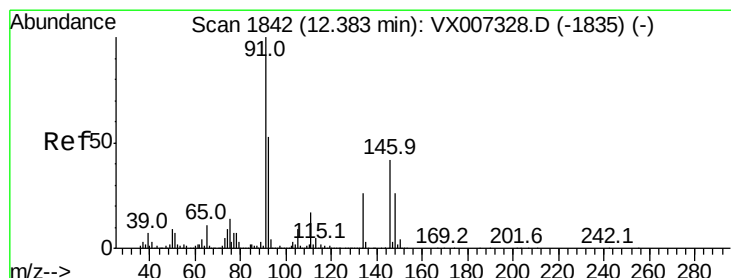
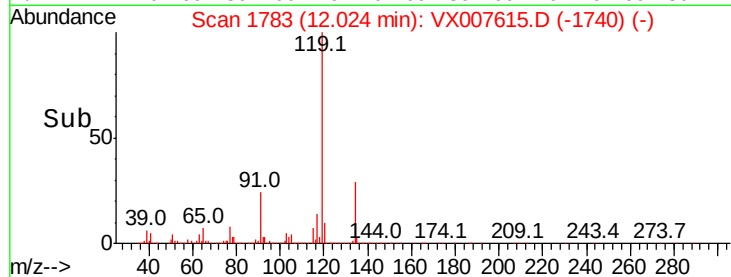
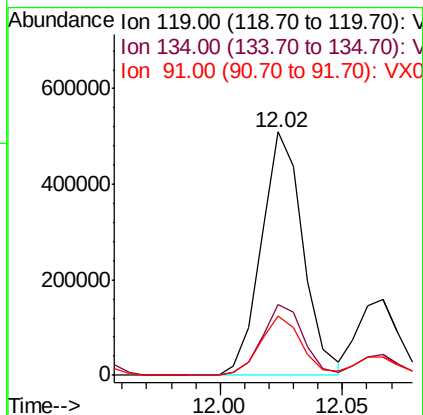
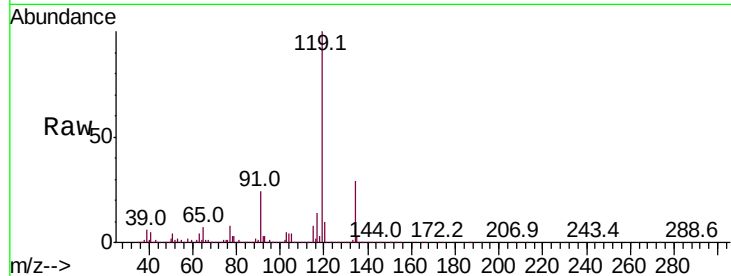




#86
p-Isopropyltoluene
Concen: 20.615 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

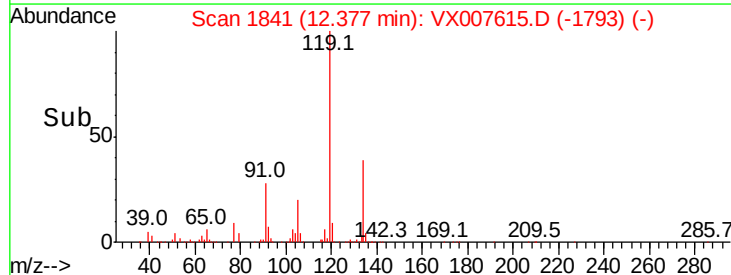
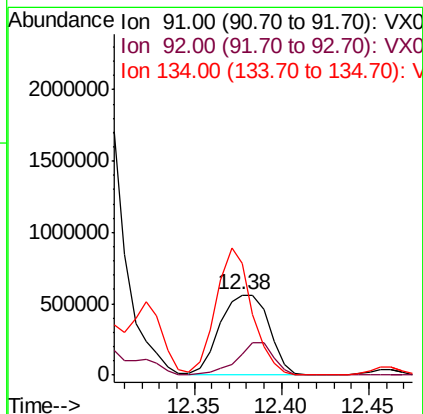
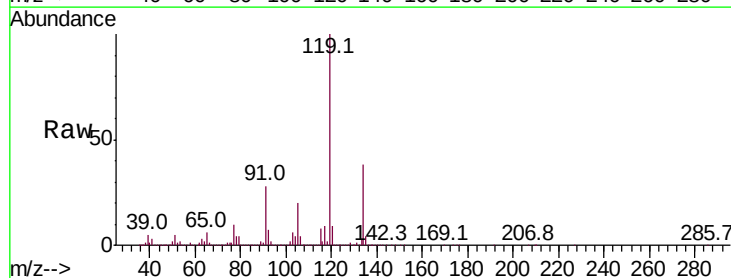
Instrument :
MSVOA_X
ClientSampleId :
MW-1

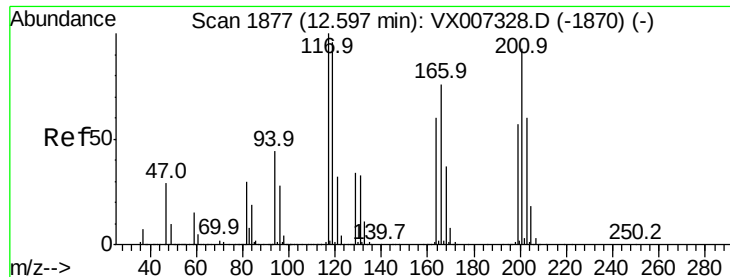
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.7	41.1
91	24.0	11.2	33.5



#89
n-Butylbenzene
Concen: 43.230 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	30.7	26.3	78.9
134	116.2	13.9	41.6#





#90

Hexachloroethane

Concen: 70.952 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

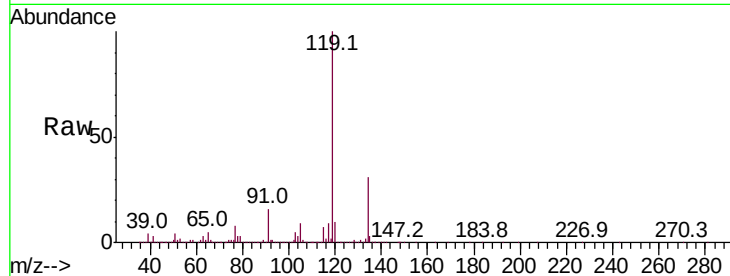
MW-1

Tot Ion:117 Resp: 313072

Ion Ratio Lower Upper

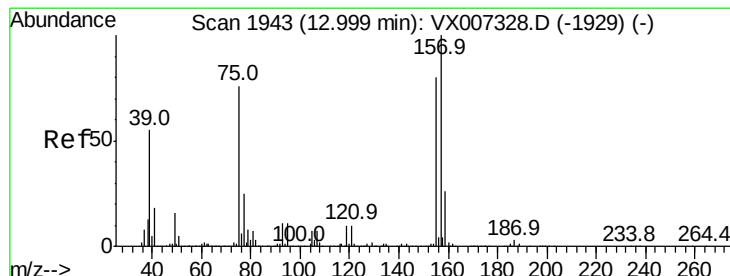
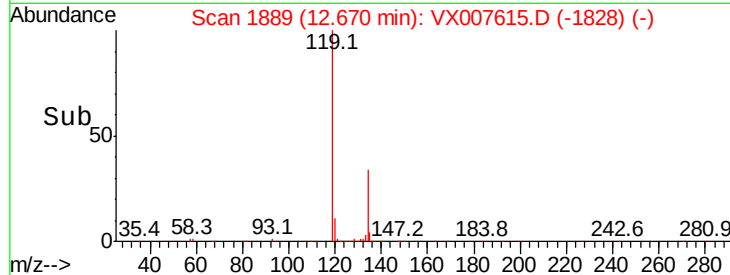
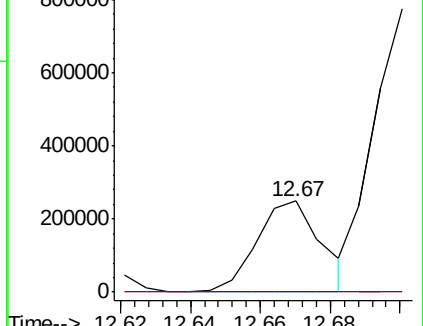
117 100

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: 8.544 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007615.D

Acq: 19 Feb 2019 16:04

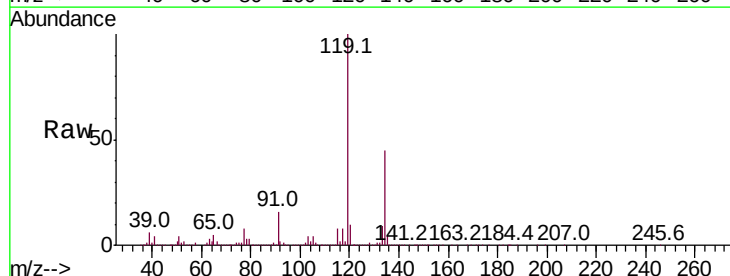
Tgt Ion: 75 Resp: 18038

Ion Ratio Lower Upper

75 100

155 0.0 49.6 149.0#

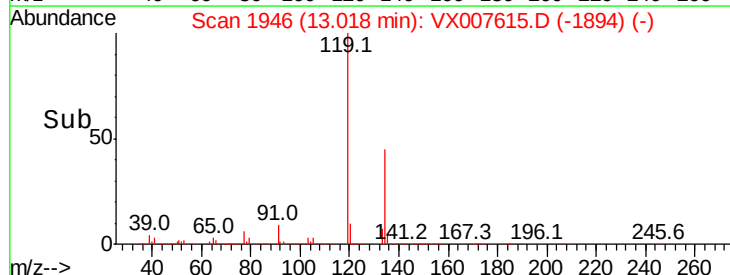
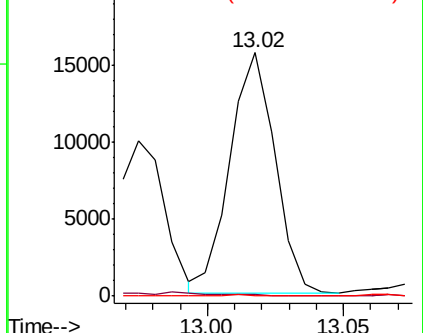
157 0.4 65.1 195.3#

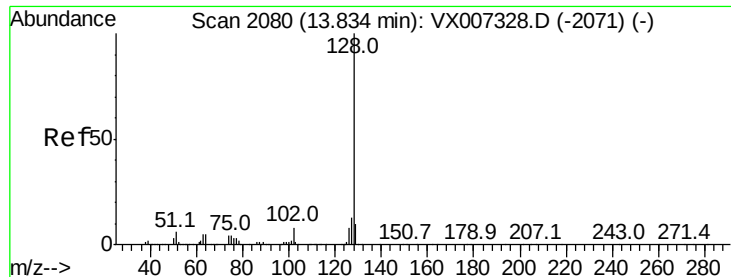


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 409.657 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX007615.D
Acq: 19 Feb 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion:128 Resp:13544559
Ion Ratio Lower Upper
128 100
127 17.6 10.5 15.7#
129 15.3 8.7 13.1#

