

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013014.D
 Acq On : 11 Oct 2019 06:53
 Operator : JC/SP
 Sample : K5313-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBS01

Quant Time: Oct 11 08:26:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	237157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	110270	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	5.48	113	84396	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
50) Toluene-d8	8.71	98	337761	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.13	95	108512	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	890	0.460	ug/l #	67
4) Vinyl Chloride	1.40	62	2348	1.175	ug/l	93
5) Bromomethane	1.64	94	355	0.427	ug/l	88
6) Chloroethane	1.70	64	1198	1.341	ug/l #	43
10) Methyl Iodide	2.50	142	310	5.222	ug/l #	95
11) Tert butyl alcohol	3.02	59	1387	2.398	ug/l #	72
13) Acrolein	2.26	56	145	0.353	ug/l #	1
14) Allyl chloride	2.83	41	51648	16.438	ug/l #	63
15) Acrylonitrile	3.16	53	1209	1.103	ug/l #	44
16) Acetone	2.43	43	3742	3.253	ug/l	94
18) Methyl Acetate	2.83	43	125855	46.163	ug/l #	51
20) Methylene Chloride	2.83	84	499	0.236	ug/l #	1
25) 2-Butanone	4.68	43	509	0.319	ug/l #	49
27) cis-1,2-Dichloroethene	4.58	96	734	0.337	ug/l	88
31) Cyclohexane	5.56	56	7164	2.262	ug/l #	86
36) 1,1-Dichloropropene	5.65	75	13876	5.509	ug/l #	49
37) Ethyl Acetate	4.83	43	2634	0.935	ug/l	98
38) Carbon Tetrachloride	5.65	117	18043	7.360	ug/l #	18
39) Methylcyclohexane	7.45	83	2280	0.746	ug/l #	64
40) Benzene	6.13	78	28963	3.893	ug/l	94
43) Isopropyl Acetate	6.34	43	79463	17.579	ug/l #	60
44) Trichloroethene	7.20	130	1001	0.485	ug/l	73
48) Methyl methacrylate	7.84	41	1196	0.543	ug/l #	83
51) 4-Methyl-2-Pentanone	8.67	43	4786	1.698	ug/l #	75
55) 1,1,2-Trichloroethane	9.16	97	2889	1.534	ug/l #	20
56) Ethyl methacrylate	9.16	69	710	2.034	ug/l #	1
59) 2-Hexanone	9.30	43	792	0.361	ug/l	67
73) Isopropylbenzene	11.01	105	1585	0.247	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	54672	28.268	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	54672	70.836	ug/l #	10
85) sec-Butylbenzene	11.94	105	1574	0.260	ug/l	87
86) p-Isopropyltoluene	12.23	119	1481	0.264	ug/l	94
90) Hexachloroethane	12.70	117	1234	3.255	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	12.75	75	143	0.286	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

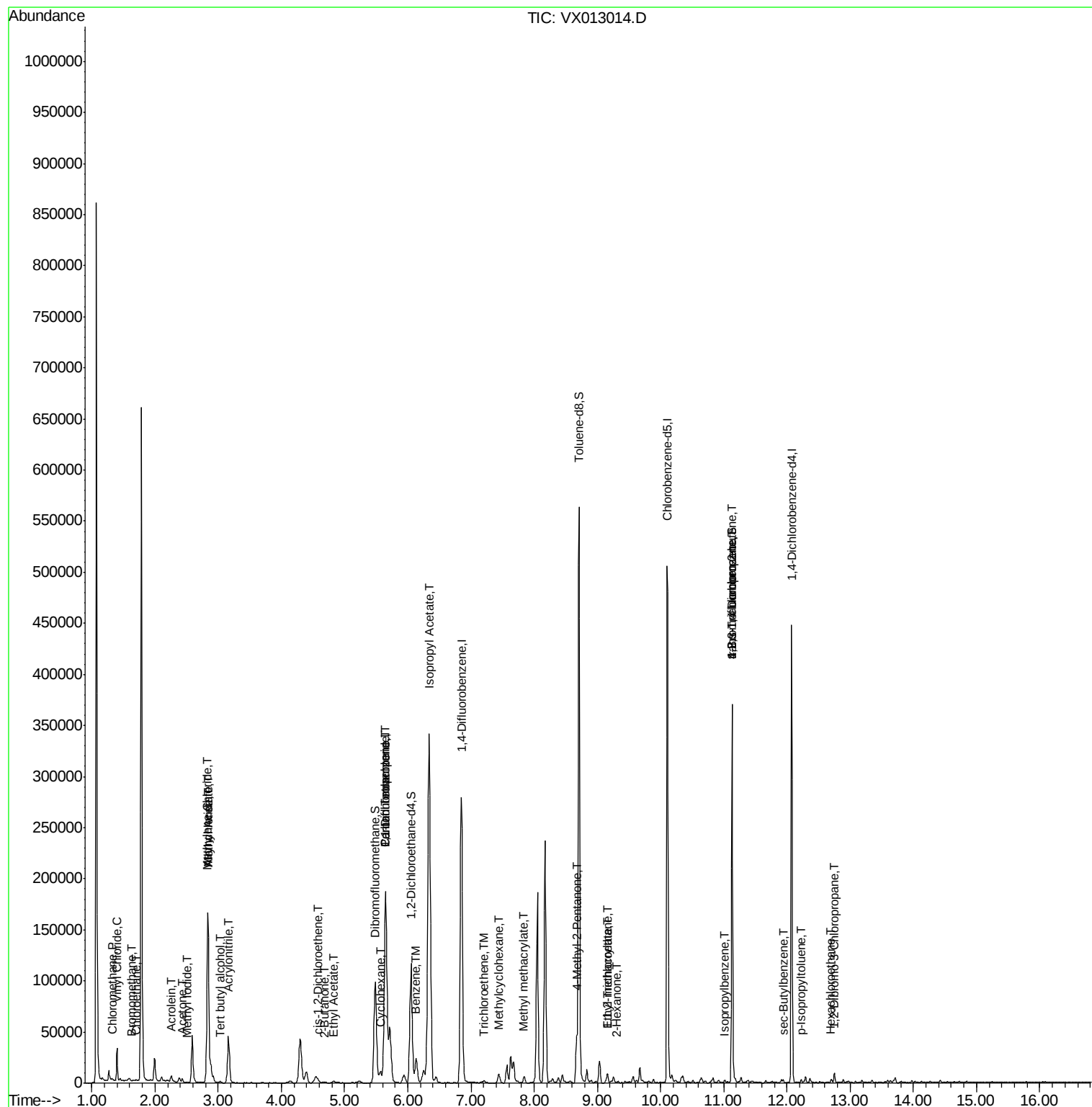
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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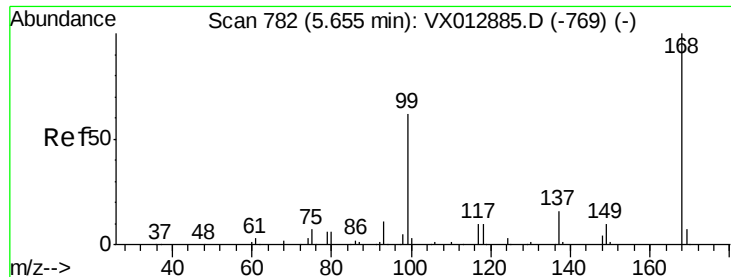
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

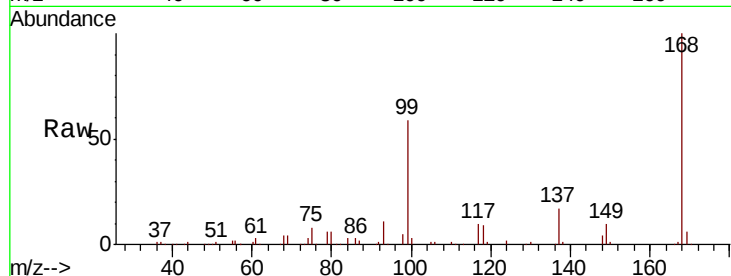
VX1011MBS01

Tot Ion:168 Resp: 174591

Ion Ratio Lower Upper

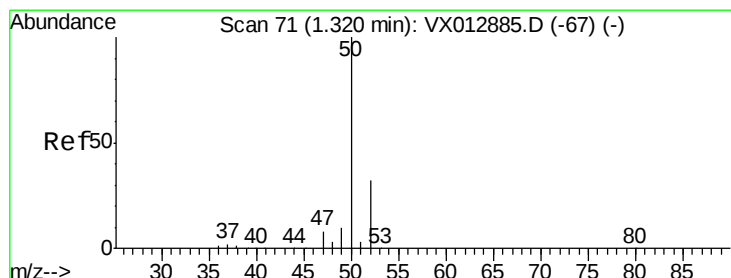
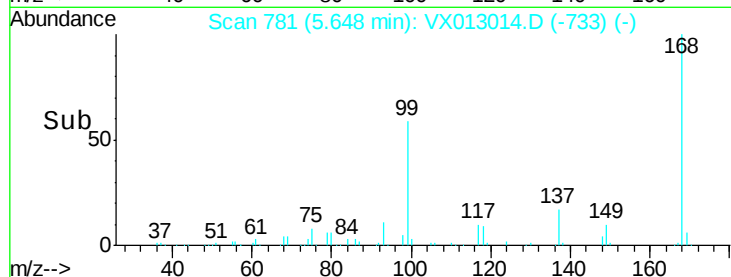
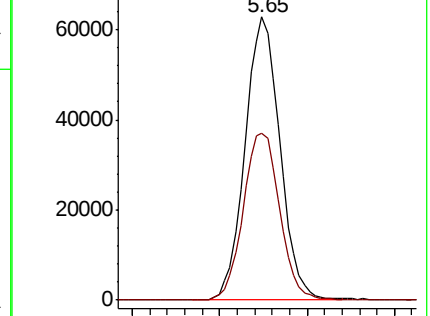
168 100

99 58.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.460 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013014.D

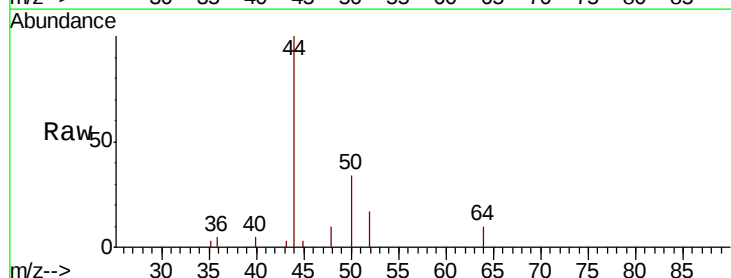
Acq: 11 Oct 2019 06:53

Tgt Ion: 50 Resp: 890

Ion Ratio Lower Upper

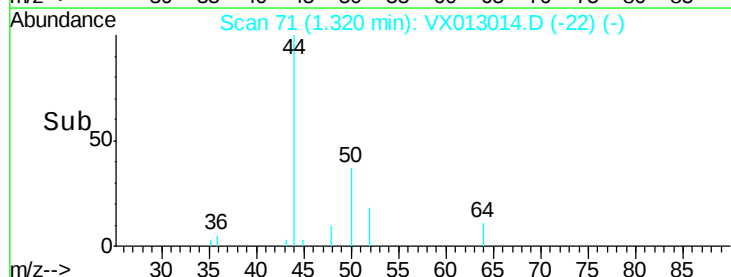
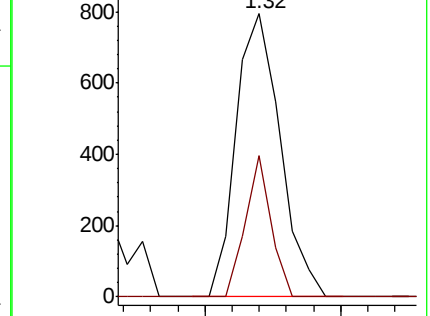
50 100

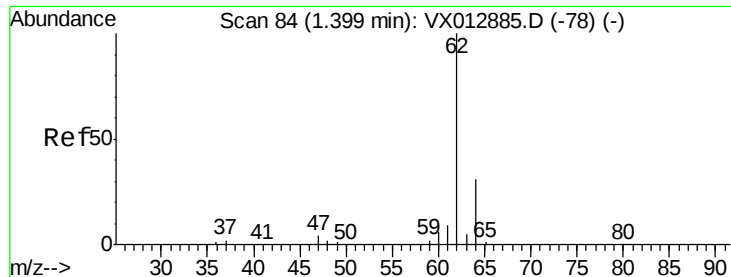
52 49.7 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.175 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

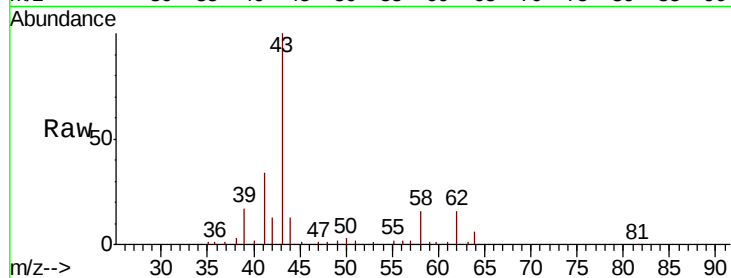
VX1011MBS01

Tot Ion: 62 Resp: 2348

Ion Ratio Lower Upper

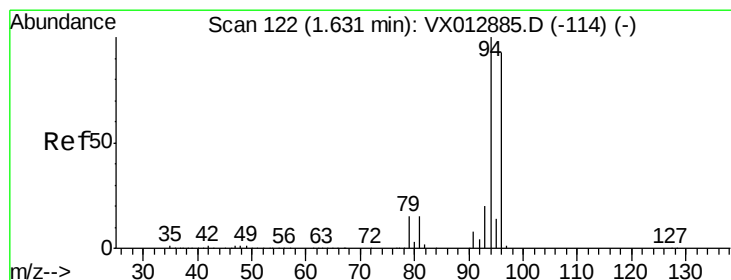
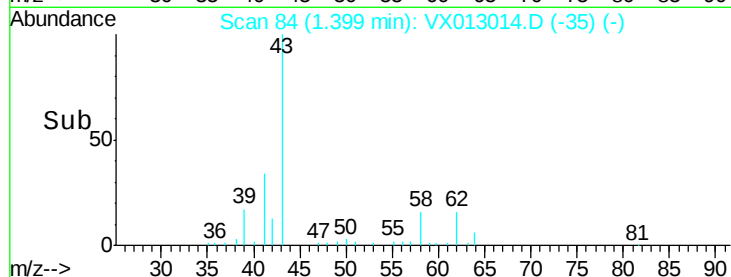
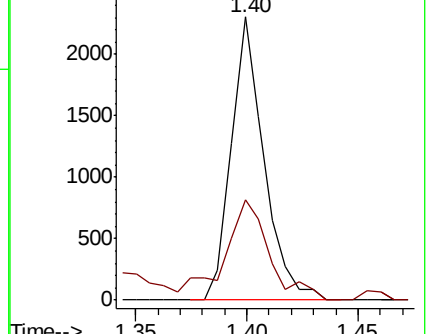
62 100

64 35.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.427 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013014.D

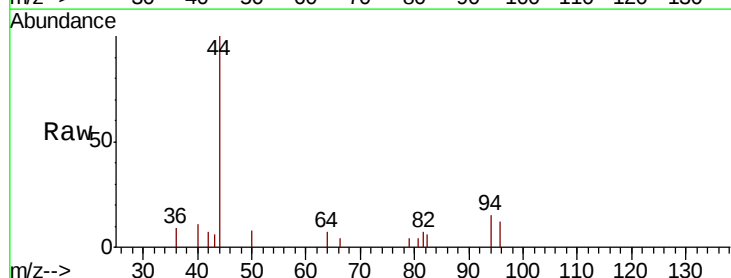
Acq: 11 Oct 2019 06:53

Tgt Ion: 94 Resp: 355

Ion Ratio Lower Upper

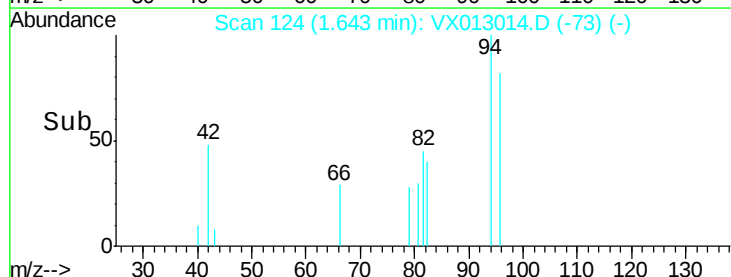
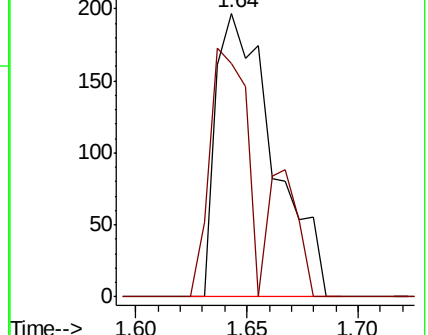
94 100

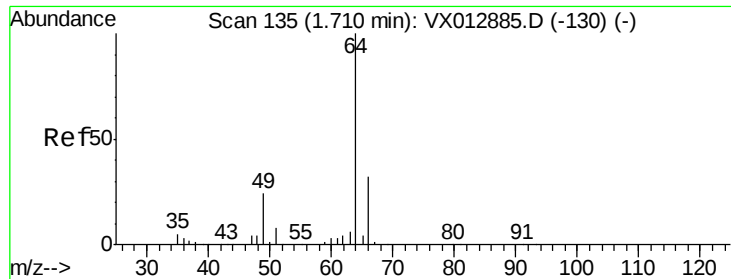
96 82.2 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.341 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

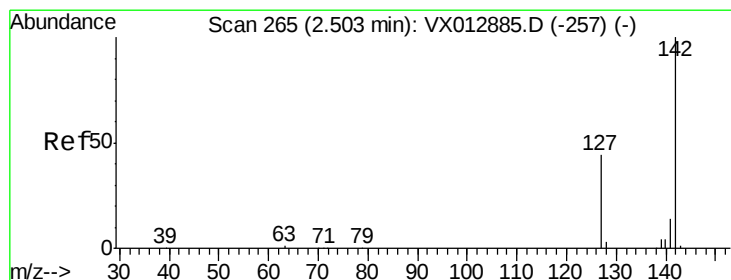
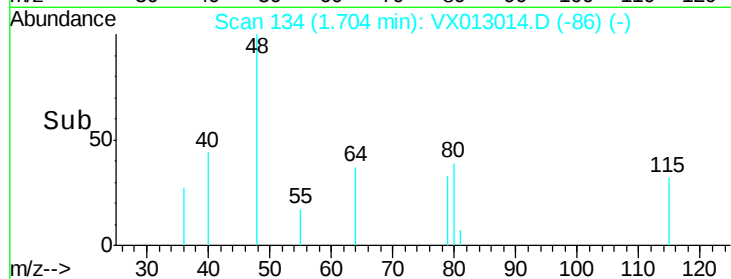
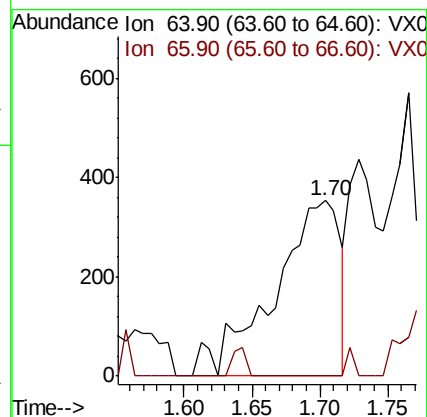
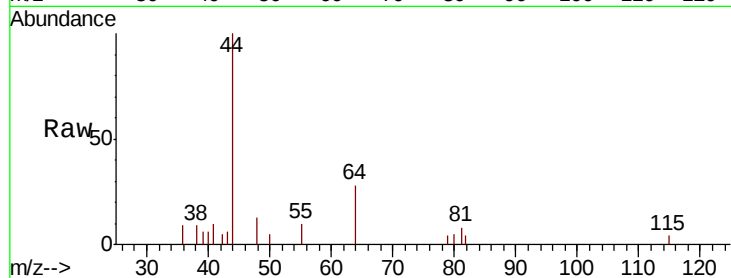
VX1011MBS01

Tot Ion: 64 Resp: 1198

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#10

Methyl Iodide

Concen: 5.222 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

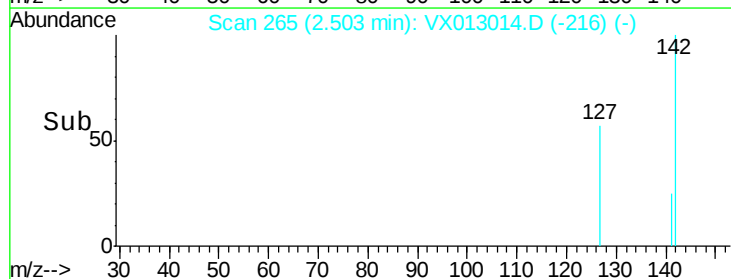
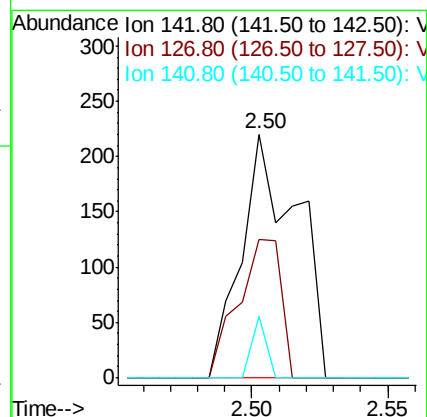
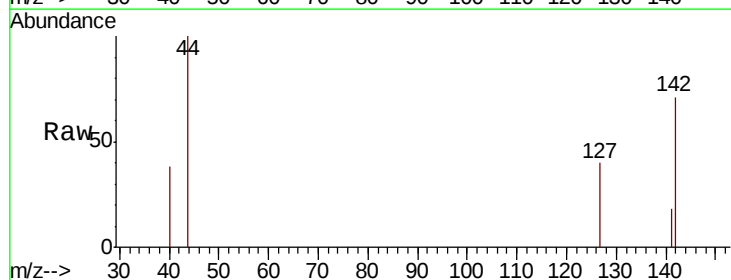
Tgt Ion: 142 Resp: 310

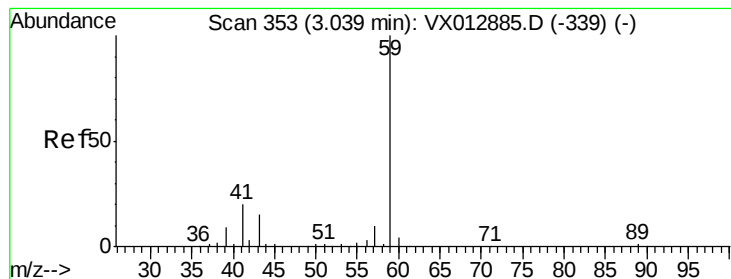
Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

141 6.5 11.6 17.4#



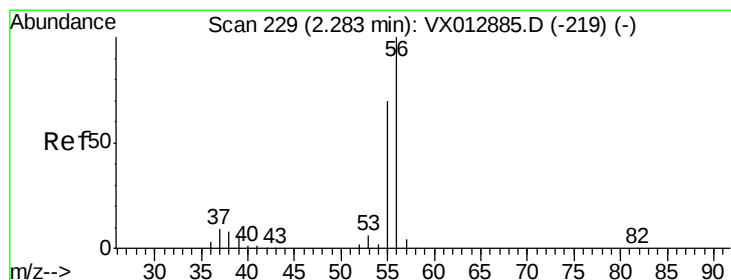
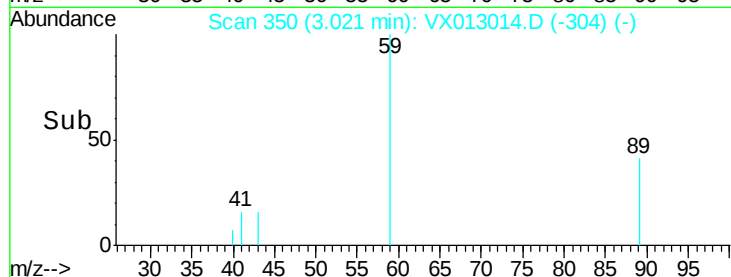
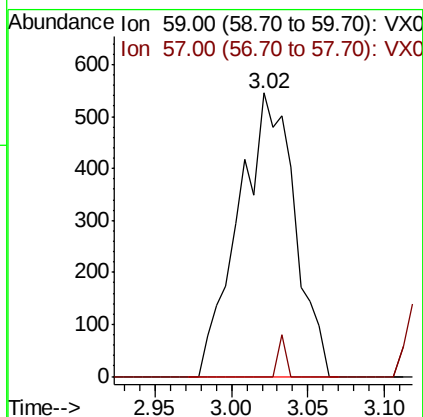
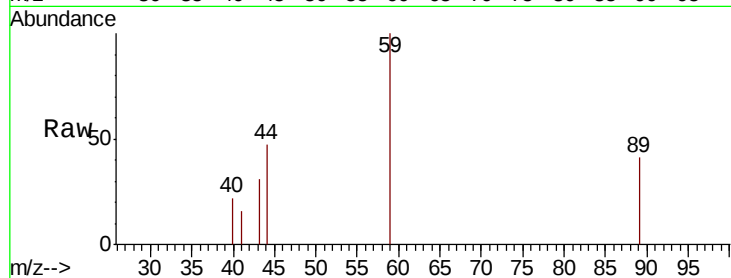


#11

Tert butyl alcohol
Concen: 2.398 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBS01

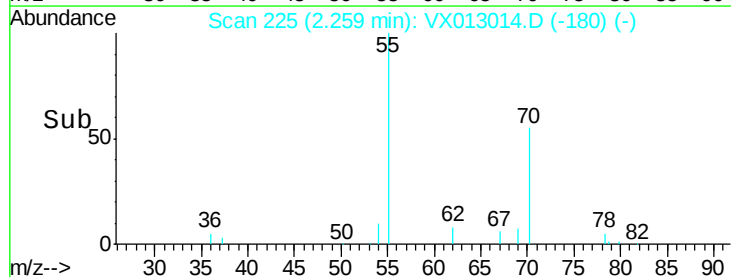
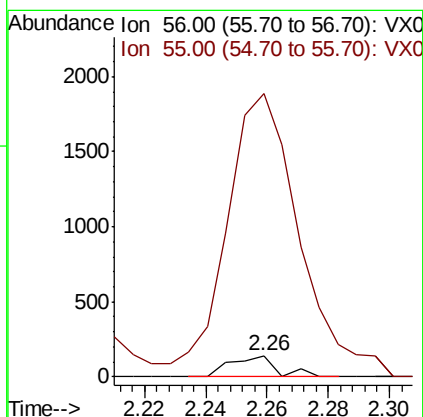
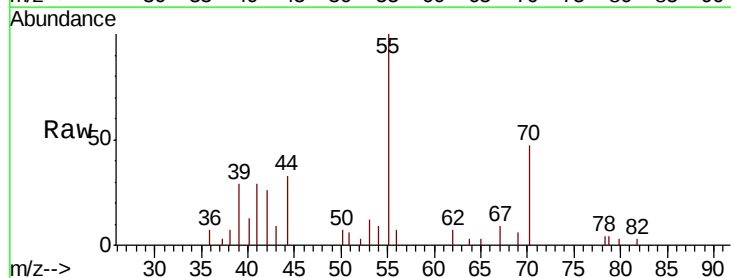
Tot Ion: 59 Resp: 1387
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

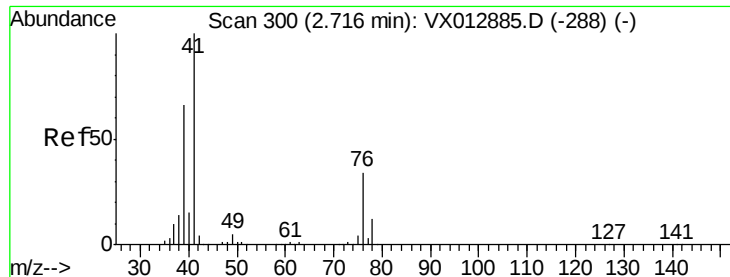


#13

Acrolein
Concen: 0.353 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 2134.5 56.6 85.0#





#14

Allvl chloride

Concen: 16.438 ug/l

RT: 2.83 min Scan# 319

Delta R.T. 0.12 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampled :

VX1011MBS01

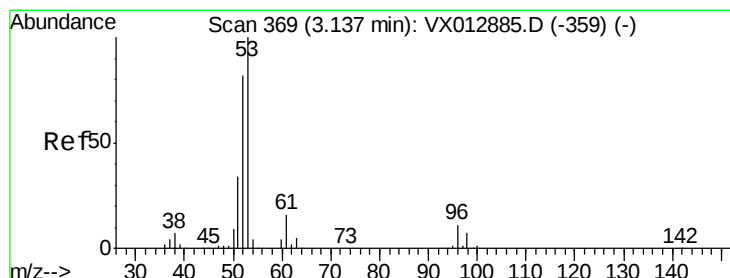
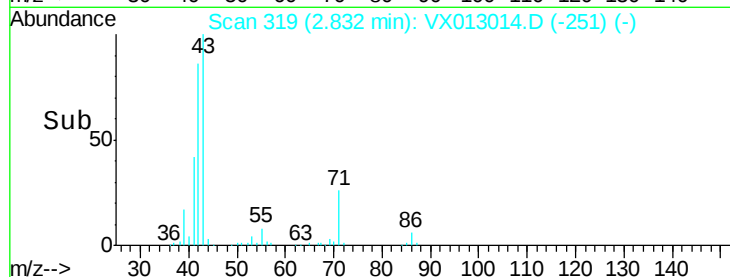
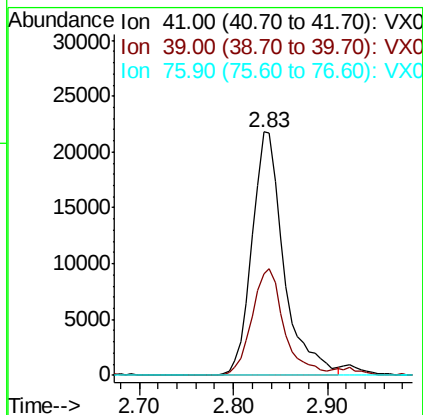
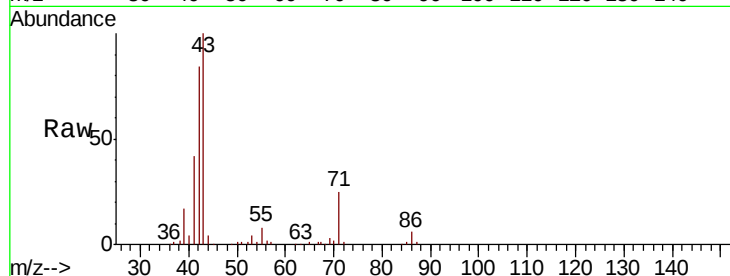
Tot Ion: 41 Resp: 51648

Ion Ratio Lower Upper

41 100

39 43.9 51.0 76.6#

76 0.0 26.2 39.4#



#15

Acrylonitrile

Concen: 1.103 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.02 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

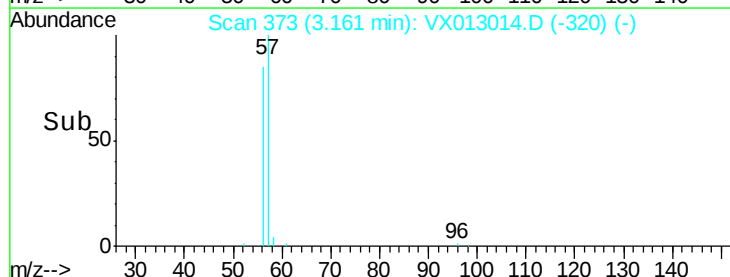
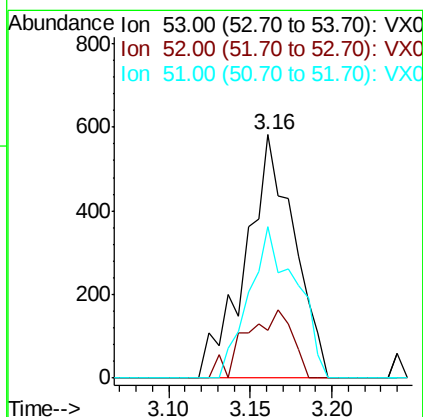
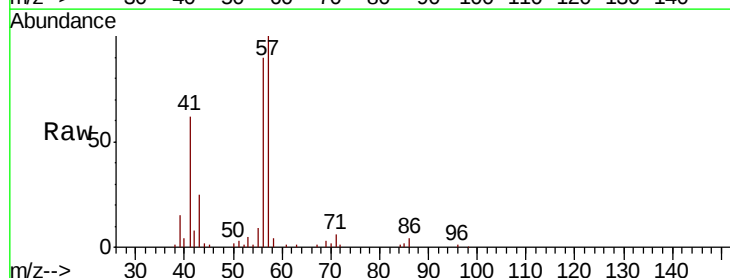
Tgt Ion: 53 Resp: 1209

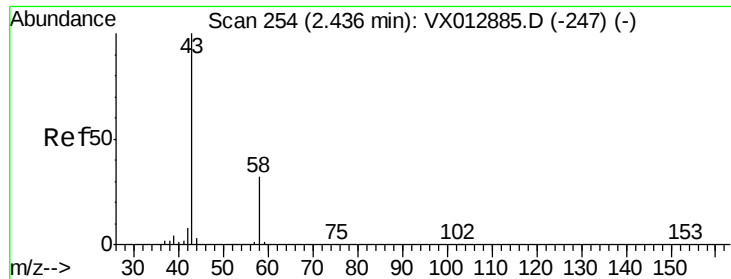
Ion Ratio Lower Upper

53 100

52 26.7 66.2 99.2#

51 60.1 28.2 42.4#





#16

Acetone

Concen: 3.253 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

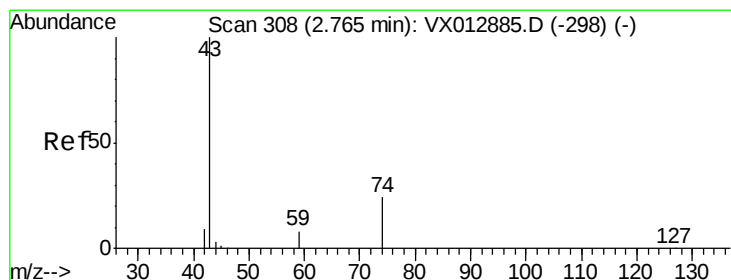
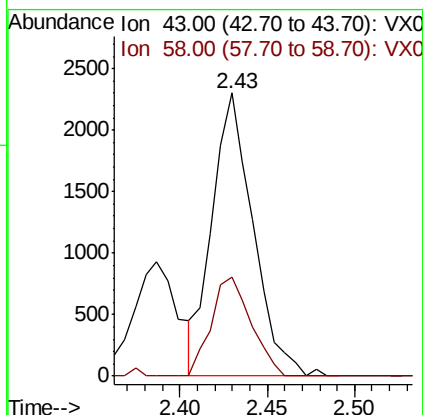
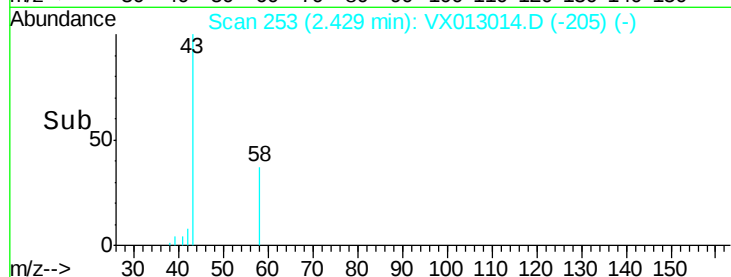
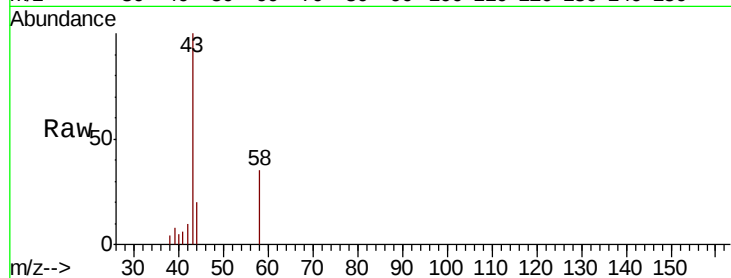
VX1011MBS01

Tot Ion: 43 Resp: 3742

Ion Ratio Lower Upper

43 100

58 34.9 25.4 38.2



#18

Methyl Acetate

Concen: 46.163 ug/l

RT: 2.83 min Scan# 319

Delta R.T. 0.07 min

Lab File: VX013014.D

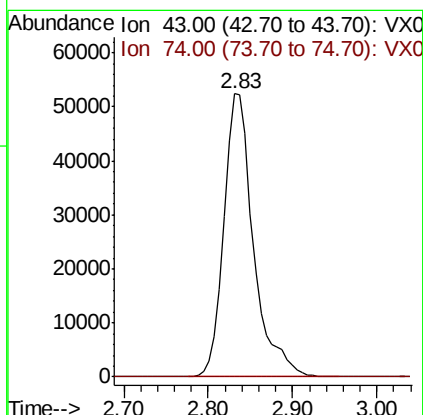
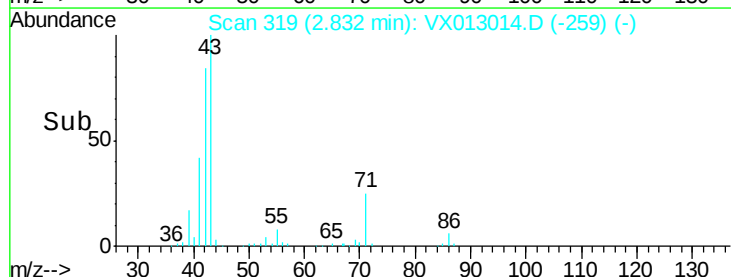
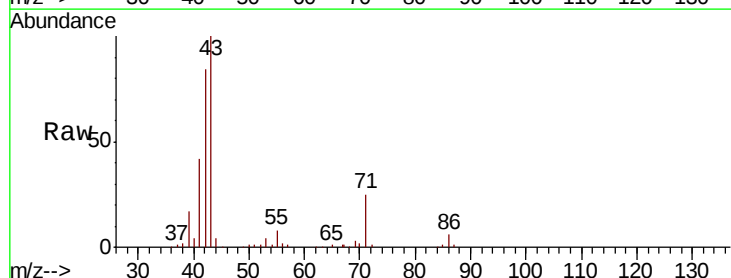
Acq: 11 Oct 2019 06:53

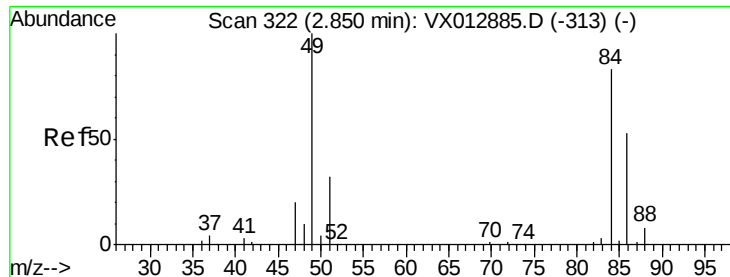
Tgt Ion: 43 Resp: 125855

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#20

Methvlene Chloride

Concen: 0.236 ug/l

RT: 2.83 min Scan# 318

Delta R.T. -0.02 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBS01

Tot Ion: 84 Resp: 499

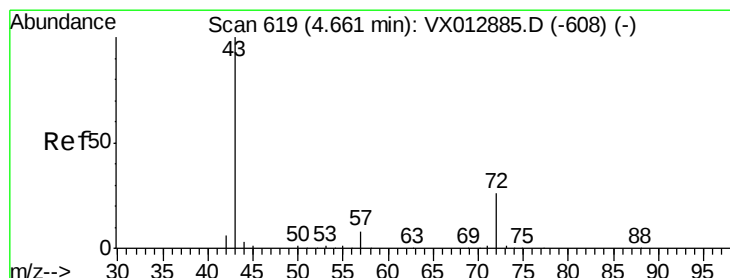
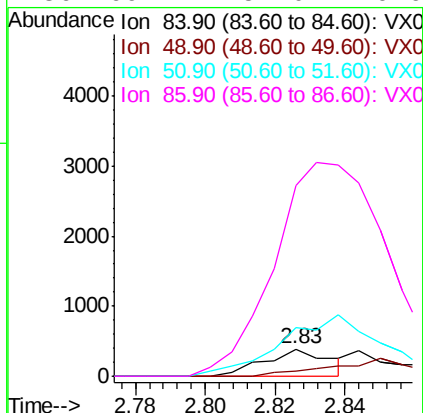
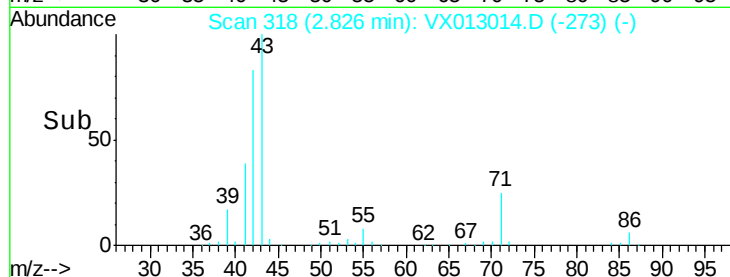
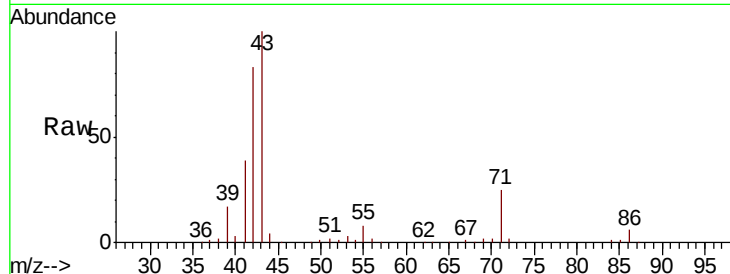
Ion Ratio Lower Upper

84 100

49 17.5 96.6 144.8#

51 176.3 30.7 46.1#

86 697.7 51.0 76.6#



#25

2-Butanone

Concen: 0.319 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX013014.D

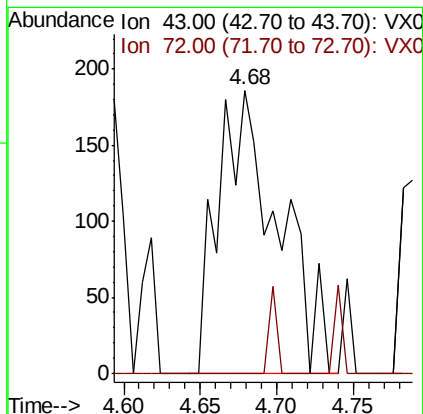
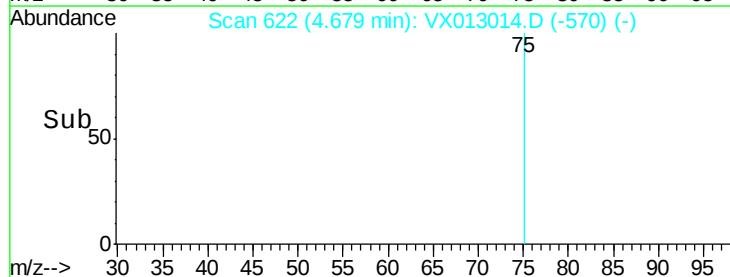
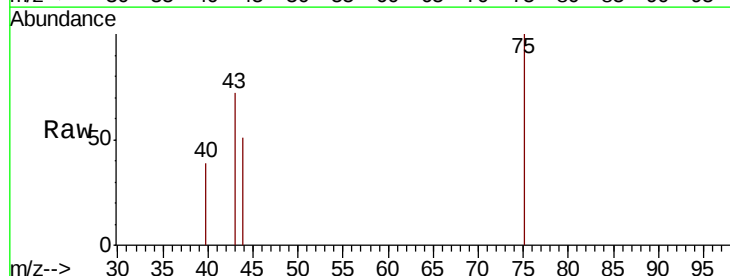
Acq: 11 Oct 2019 06:53

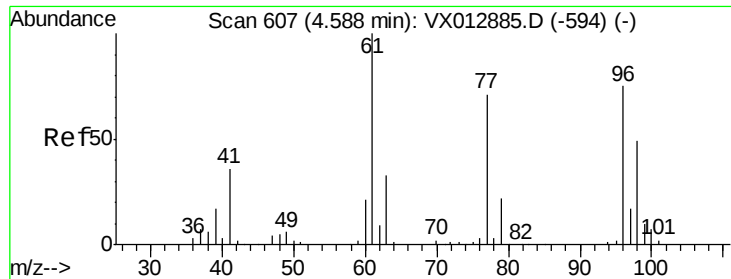
Tgt Ion: 43 Resp: 509

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



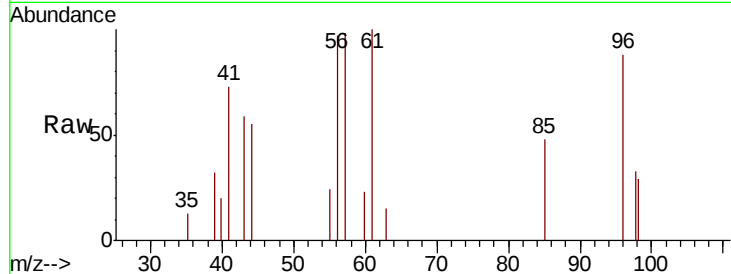


#27

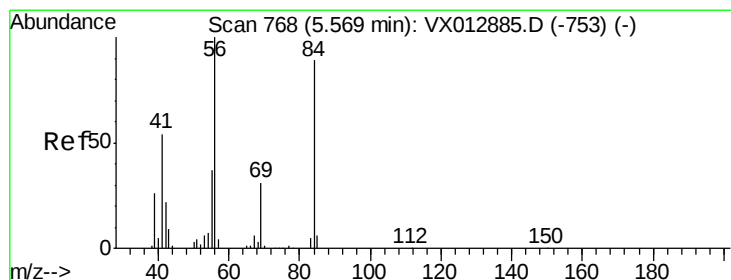
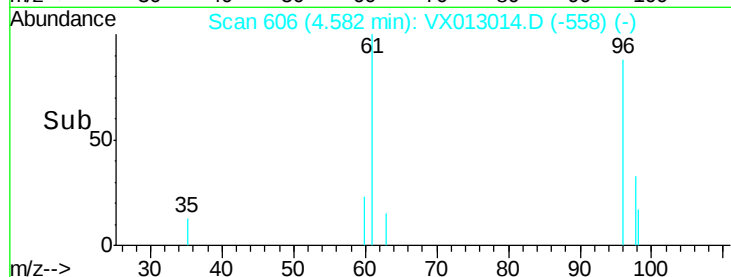
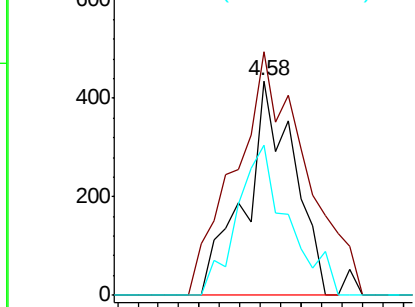
cis-1,2-Dichloroethene
Concen: 0.337 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBS01

Tot Ion: 96 Resp: 734
Ion Ratio Lower Upper
96 100
61 160.8 0.0 290.6
98 72.1 0.0 128.8



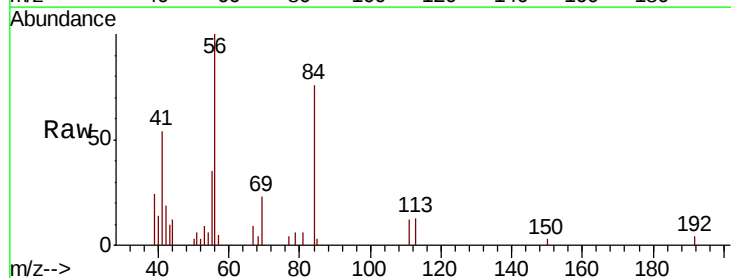
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



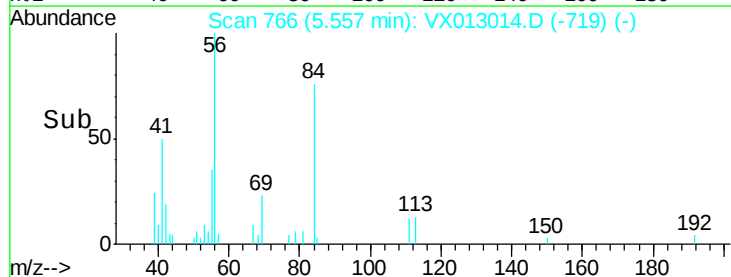
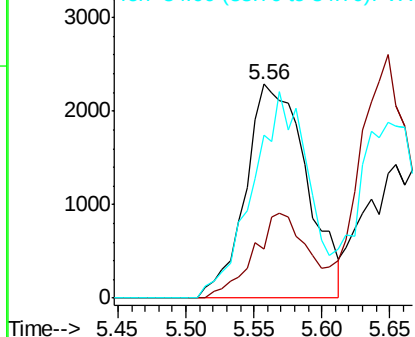
#31

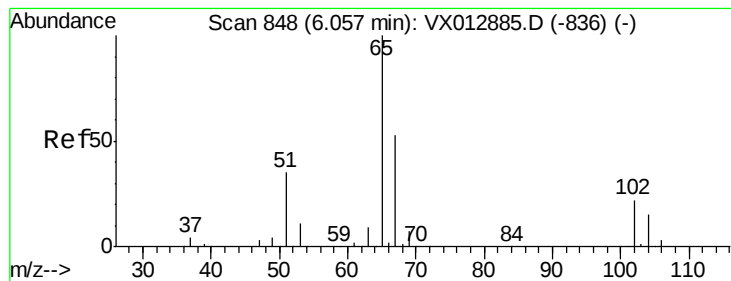
Cyclohexane
Concen: 2.262 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Tgt Ion: 56 Resp: 7164
Ion Ratio Lower Upper
56 100
69 22.8 25.2 37.8#
84 76.5 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.532 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

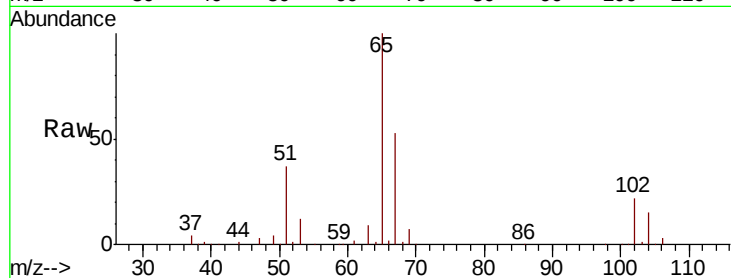
VX1011MBS01

Tot Ion: 65 Resp: 110270

Ion Ratio Lower Upper

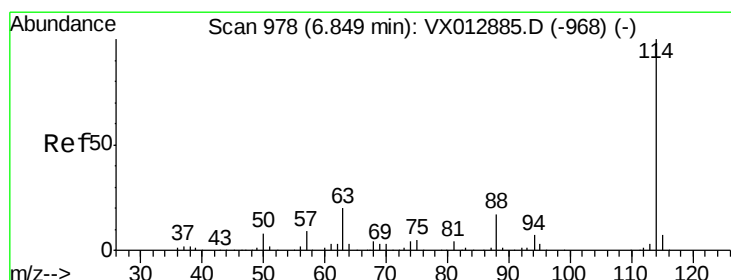
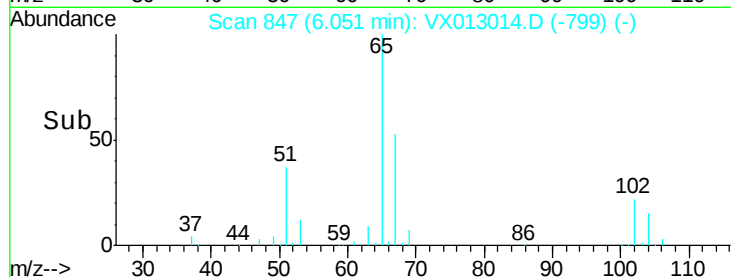
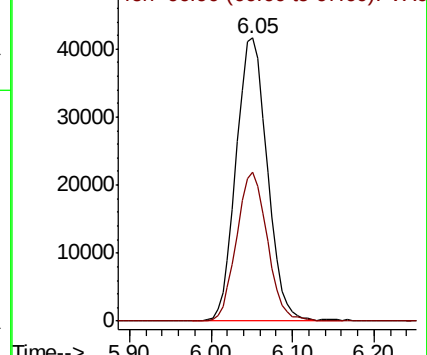
65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

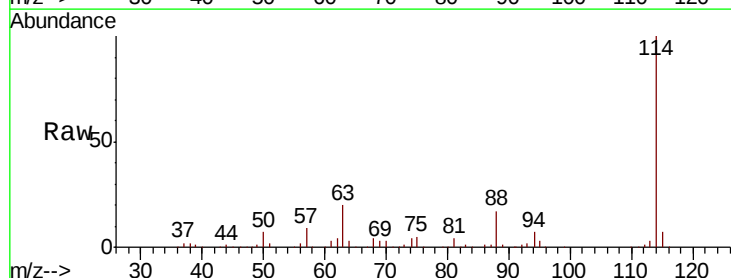
Tgt Ion: 114 Resp: 286475

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

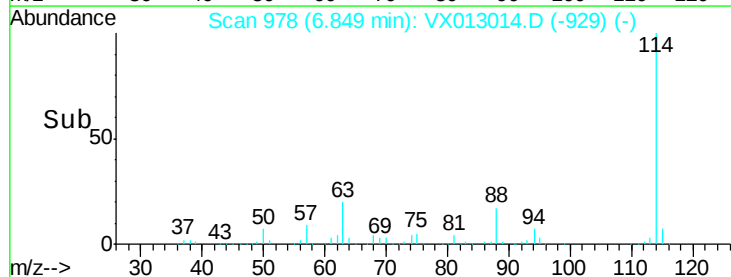
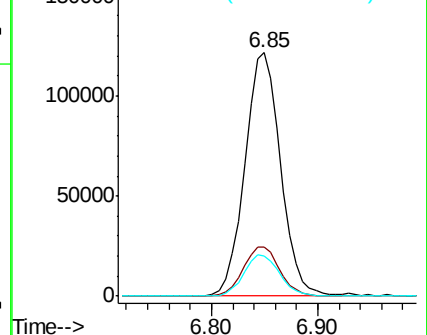
88 16.5 0.0 33.8

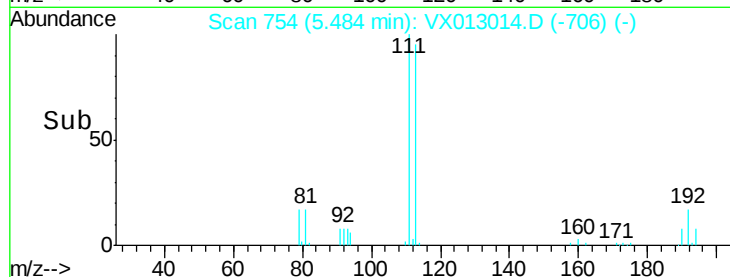
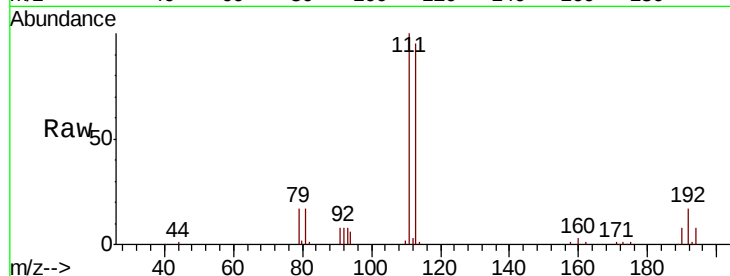
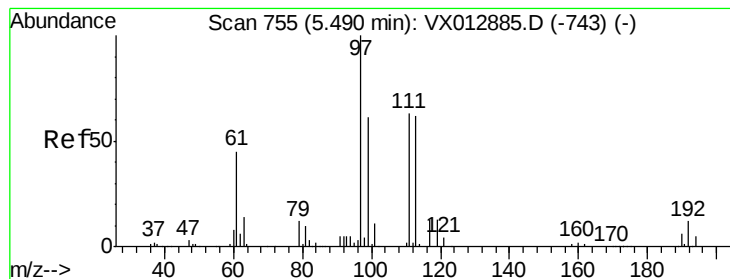


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.329 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBS01

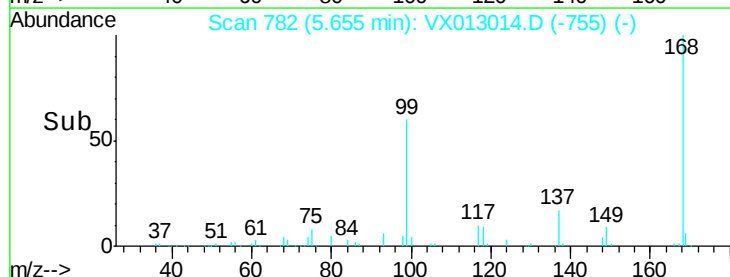
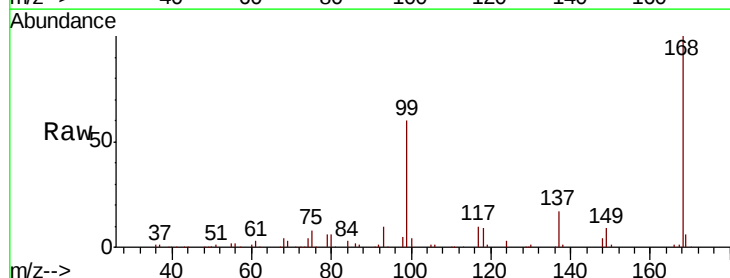
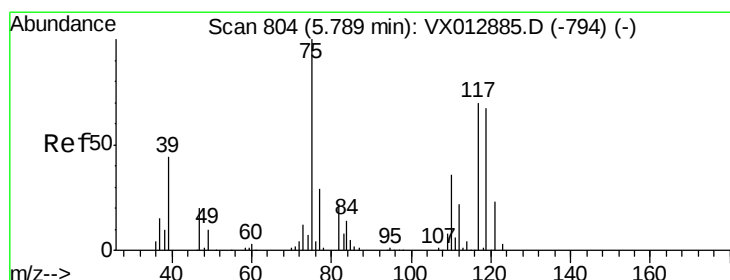
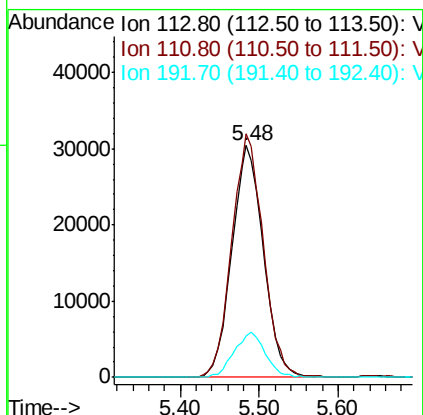
Tot Ion:113 Resp: 84396

Ion Ratio Lower Upper

113 100

111 104.7 83.2 124.8

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.509 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

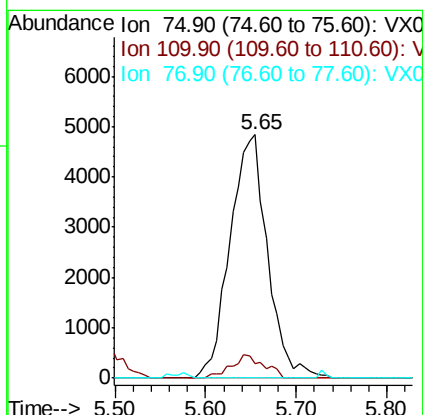
Tgt Ion: 75 Resp: 13876

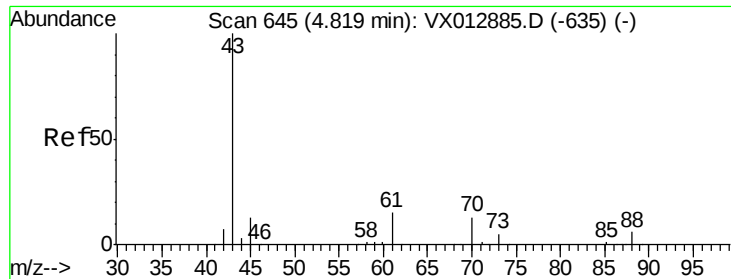
Ion Ratio Lower Upper

75 100

110 8.2 17.6 52.9#

77 0.0 24.4 36.6#

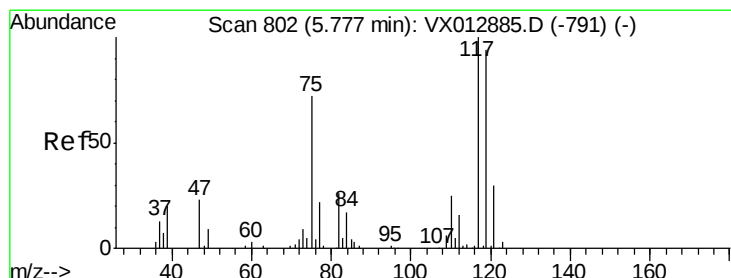
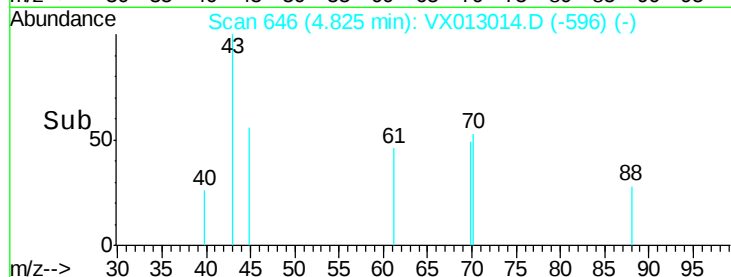
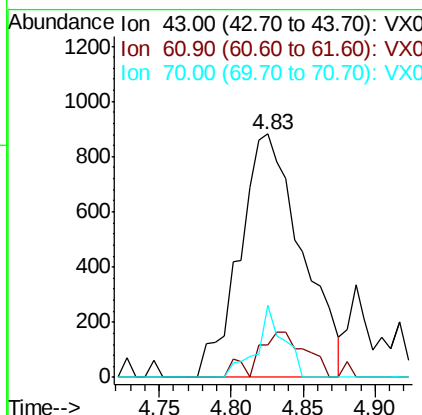
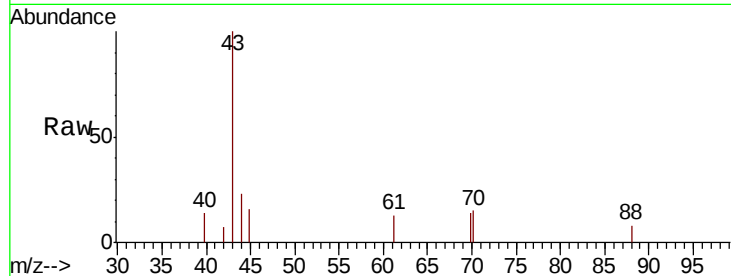




#37
Ethyl Acetate
Concen: 0.935 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

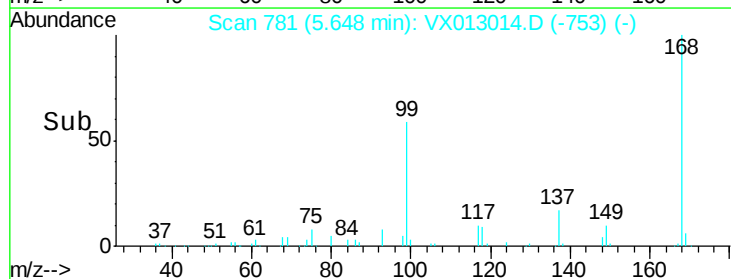
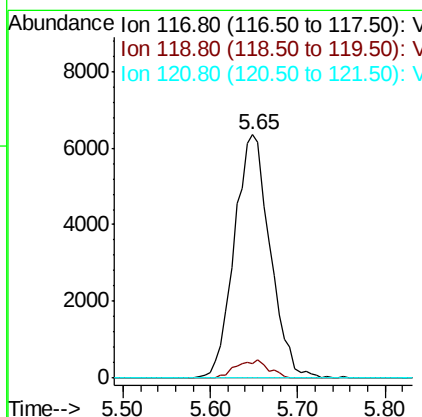
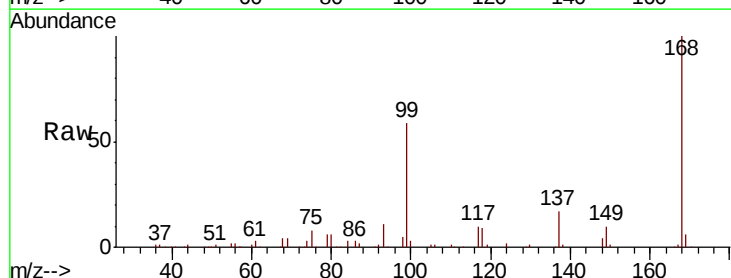
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBS01

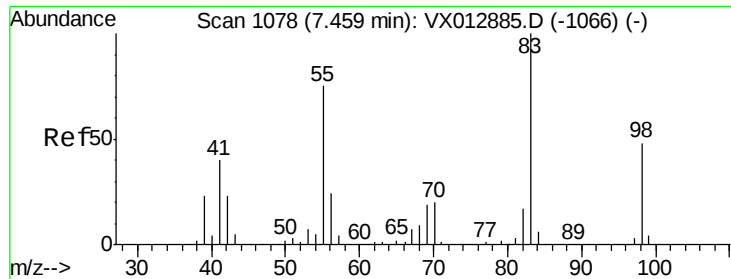
Tot Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.0
70 12.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 7.360 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Tgt Ion: 117 Resp: 18043
Ion Ratio Lower Upper
117 100
119 6.2 74.5 111.7#
121 0.0 24.2 36.4#

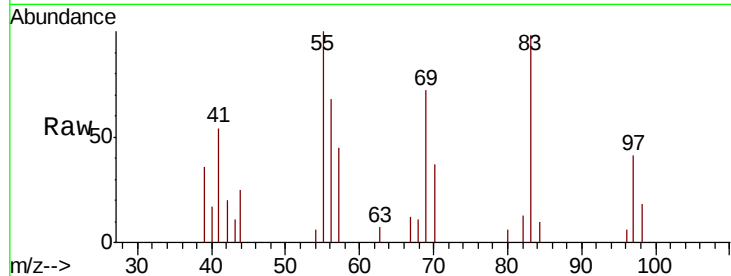




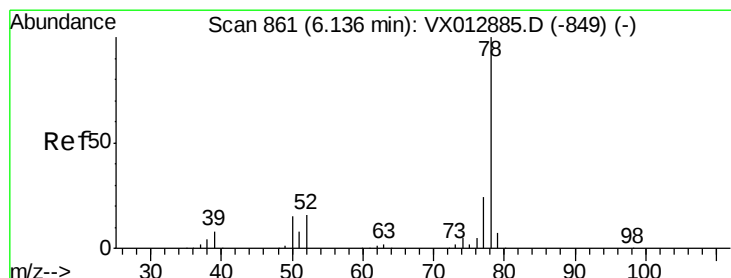
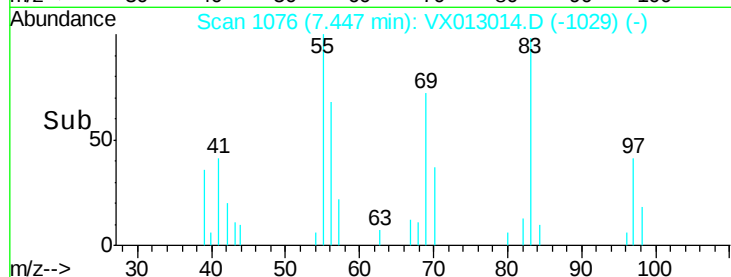
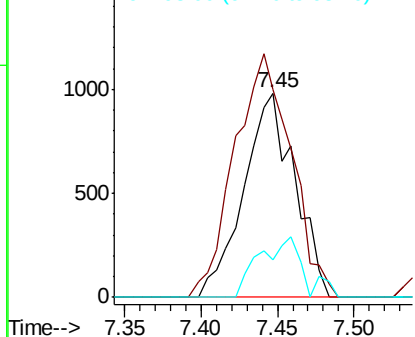
#39
Methvlcvclohexane
Concen: 0.746 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Instrument :
MSVOA_X
ClientSampleId :
VX1011MBS01

Tot Ion: 83 Resp: 2280
Ion Ratio Lower Upper
83 100
55 101.8 60.2 90.4#
98 18.3 38.5 57.7#

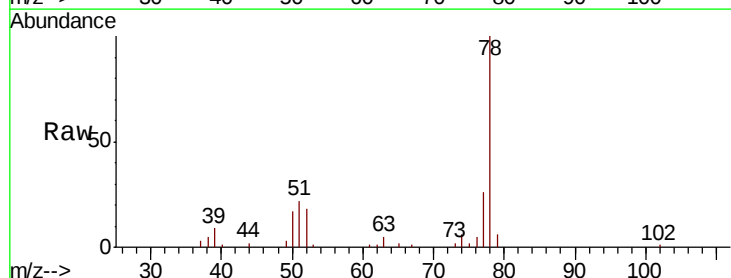


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

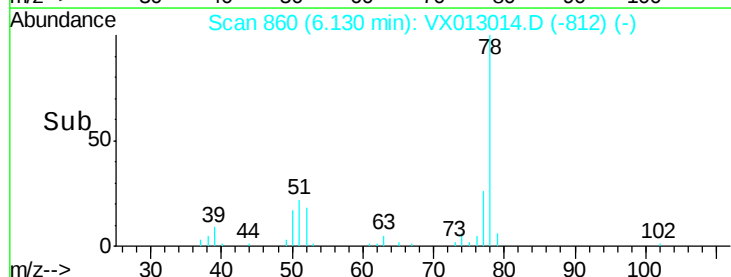
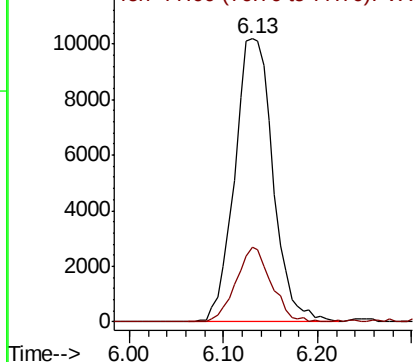


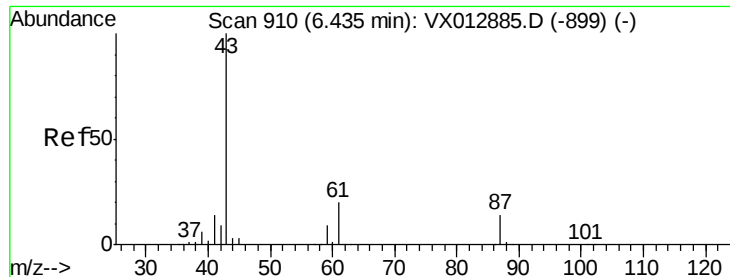
#40
Benzene
Concen: 3.893 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Tgt Ion: 78 Resp: 28963
Ion Ratio Lower Upper
78 100
77 26.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 17.579 ug/l

RT: 6.34 min Scan# 894

Delta R.T. -0.10 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBS01

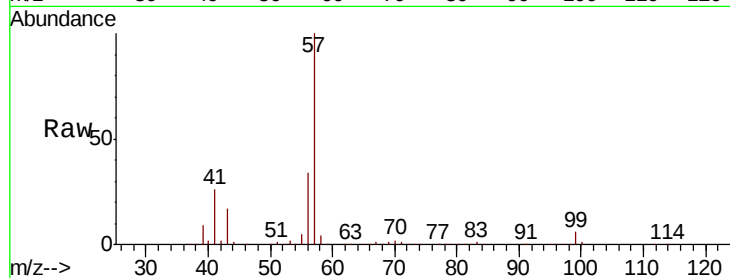
Tot Ion: 43 Resp: 79463

Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

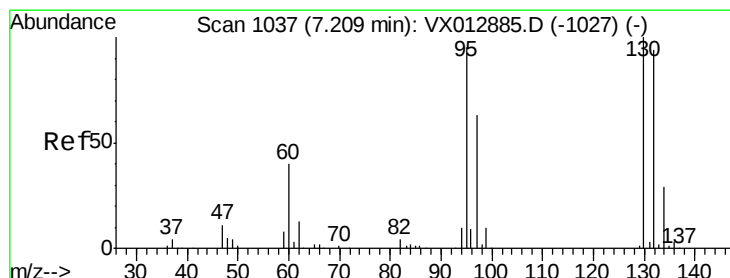
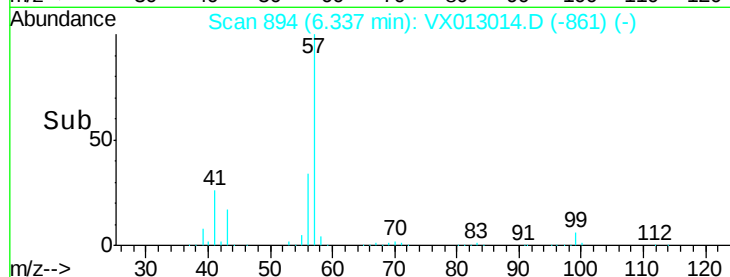
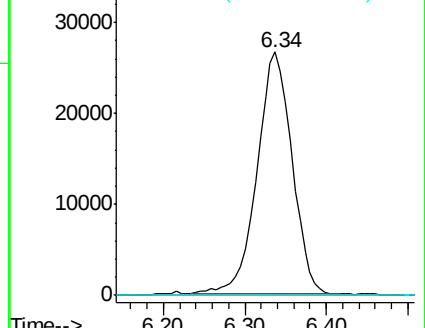
87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.485 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013014.D

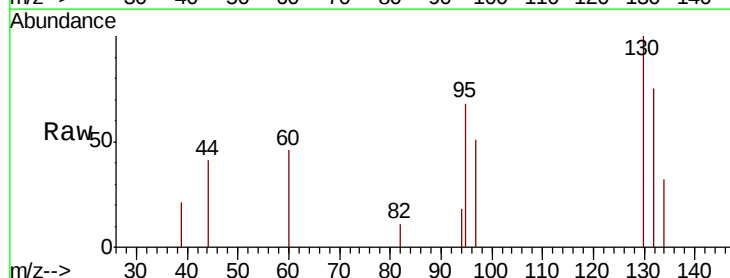
Acq: 11 Oct 2019 06:53

Tgt Ion:130 Resp: 1001

Ion Ratio Lower Upper

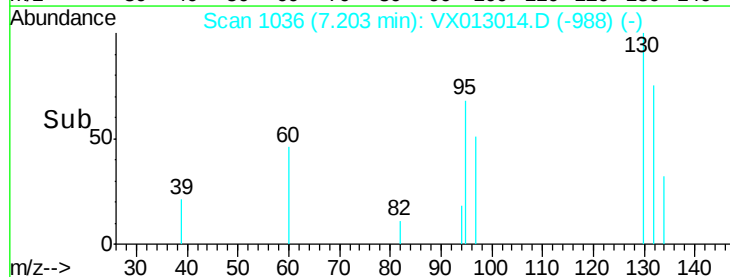
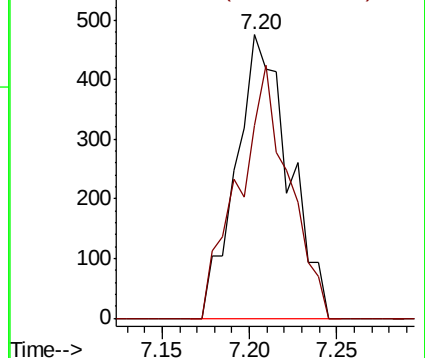
130 100

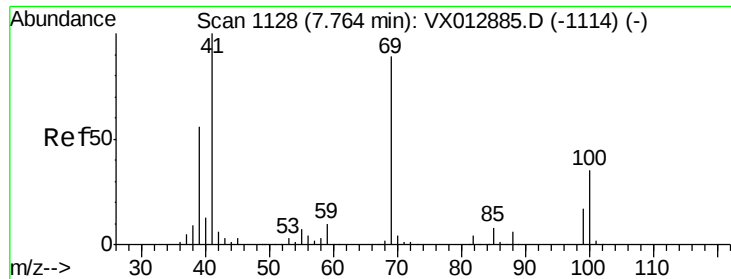
95 68.2 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

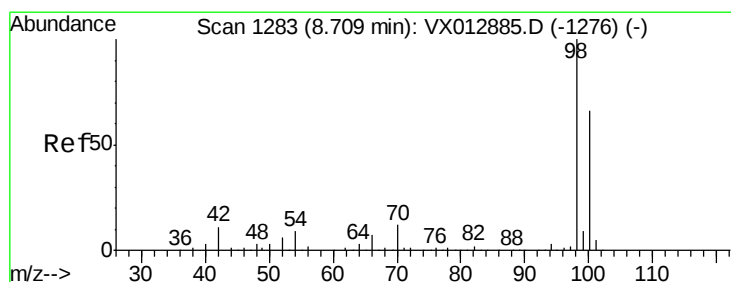
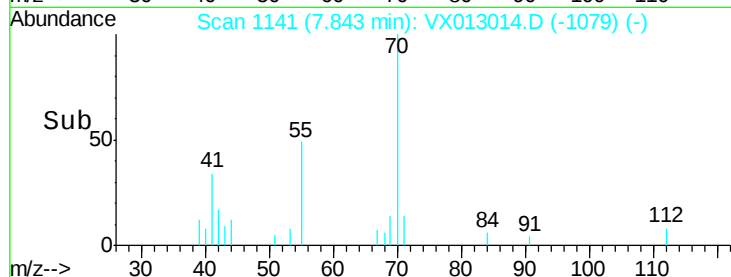
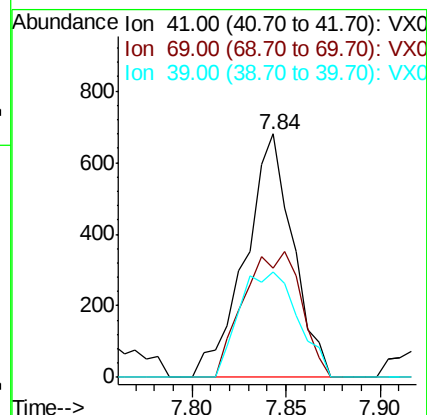
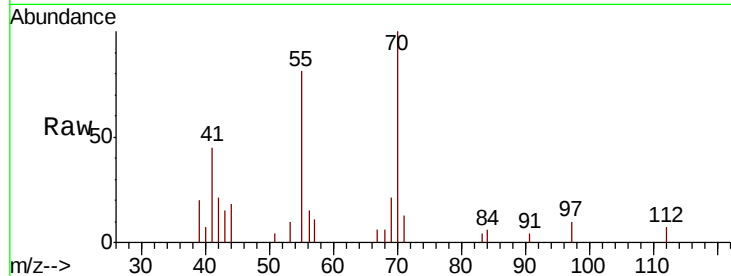




#48
Methyl methacrylate
Concen: 0.543 ug/l
RT: 7.84 min Scan# 1141
Delta R.T. 0.08 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

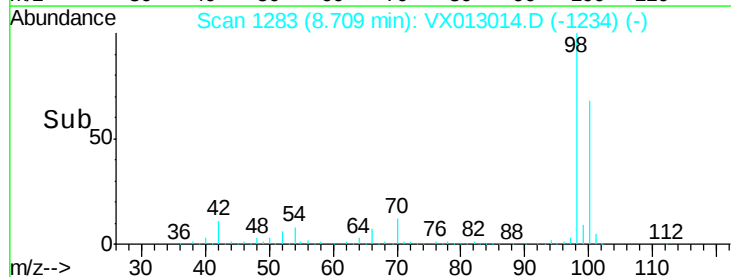
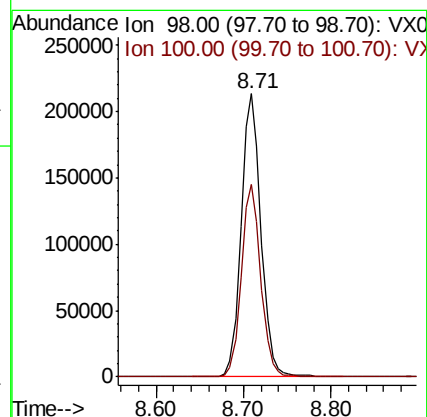
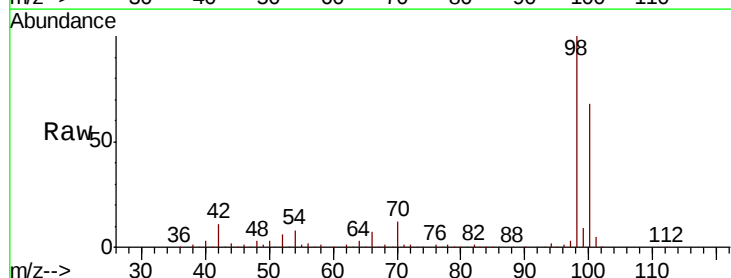
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBS01

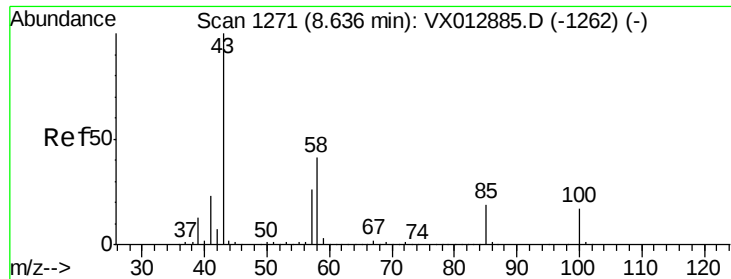
Tot Ion: 41 Resp: 1196
Ion Ratio Lower Upper
41 100
69 62.0 68.7 103.1#
39 53.0 44.3 66.5



#50
Toluene-d8
Concen: 52.670 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013014.D
Acq: 11 Oct 2019 06:53

Tgt Ion: 98 Resp: 337761
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 1.698 ug/l

RT: 8.67 min Scan# 1277

Delta R.T. 0.04 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

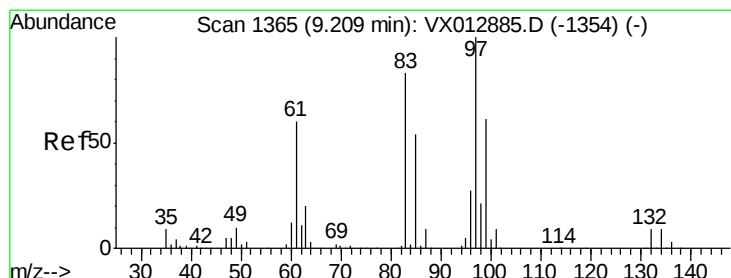
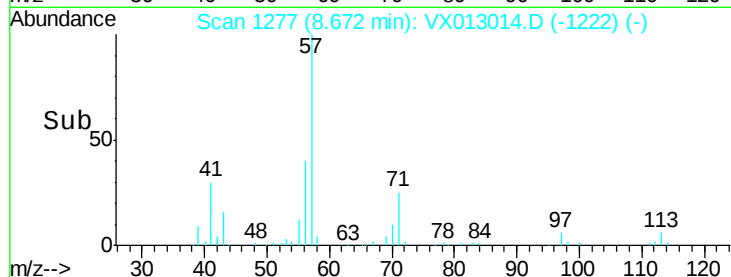
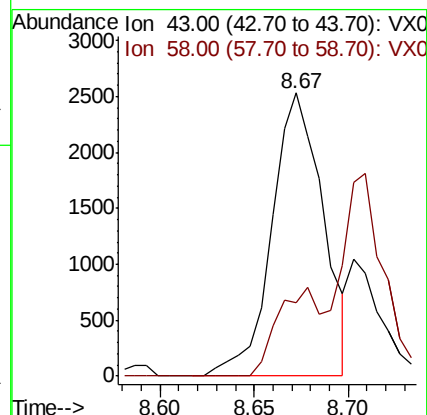
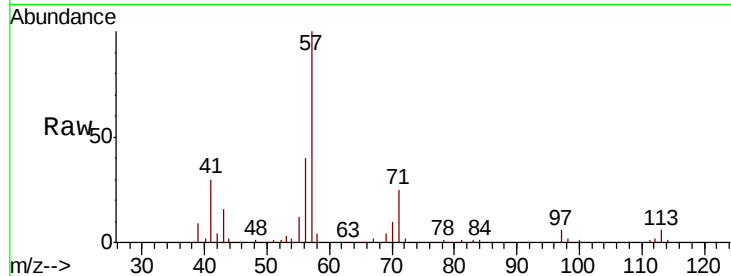
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBS01

Tot Ion: 43 Resp: 4786

Ion Ratio Lower Upper

43 100

58 25.0 32.4 48.6#



#55

1,1,2-Trichloroethane

Concen: 1.534 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Tgt Ion: 97 Resp: 2889

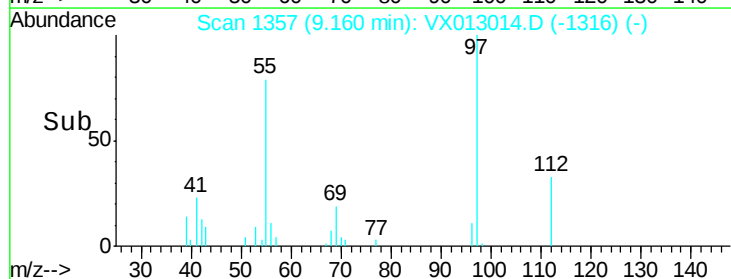
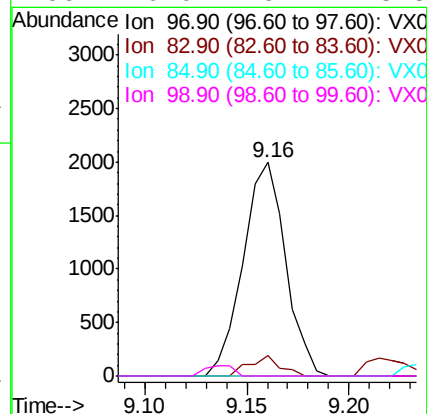
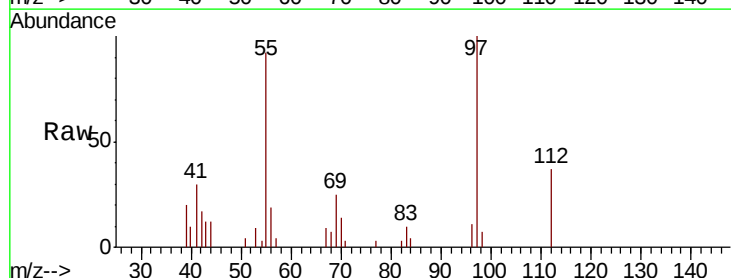
Ion Ratio Lower Upper

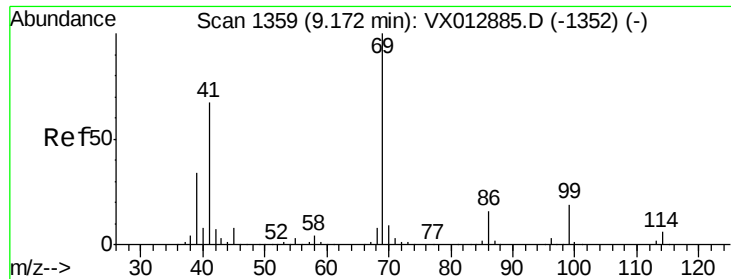
97 100

83 9.5 66.5 99.7#

85 0.0 43.1 64.7#

99 0.0 49.2 73.8#





#56

Ethyl methacrylate

Concen: 2.034 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBS01

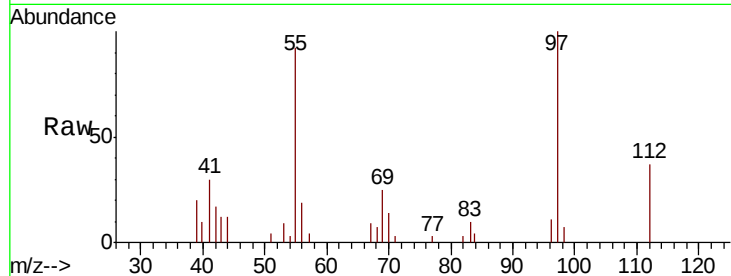
Tot Ion: 69.00 Resp: 710

Ion Ratio Lower Upper

69 100

41 225.5 52.1 78.1#

39 113.1 27.8 41.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

800

600

400

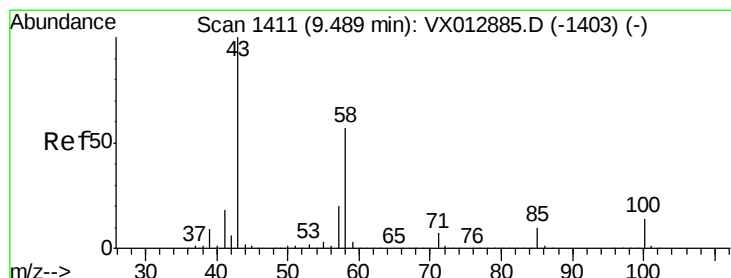
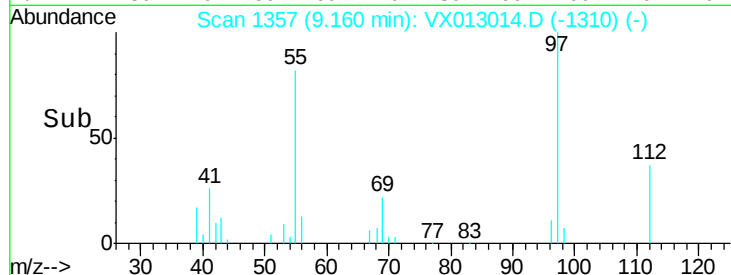
200

0

9.15

9.20

Time-->



#59

2-Hexanone

Concen: 0.361 ug/l

RT: 9.30 min Scan# 1380

Delta R.T. -0.19 min

Lab File: VX013014.D

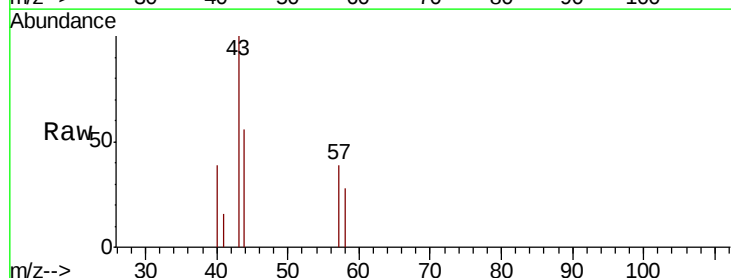
Acq: 11 Oct 2019 06:53

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

58 31.8 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

1000

500

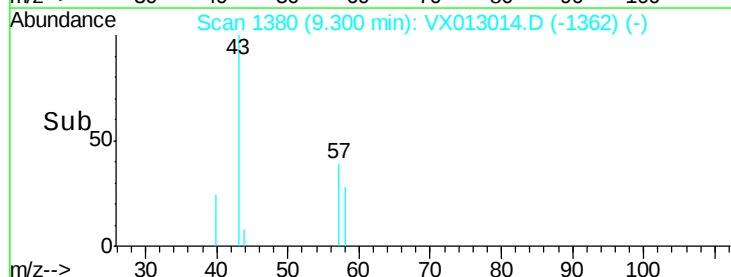
0

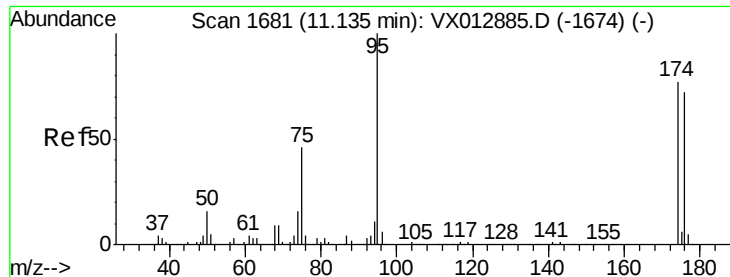
9.25

9.30

9.35

Time-->





#62

4-Bromofluorobenzene

Concen: 43.548 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBS01

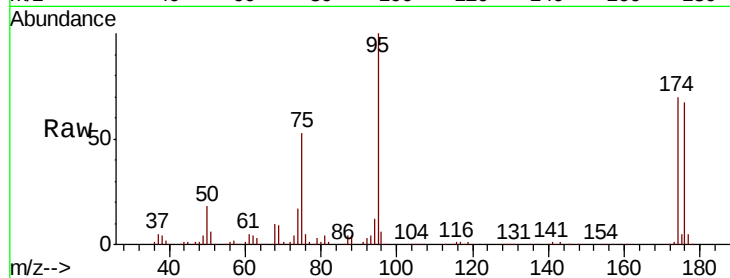
Tot Ion: 95 Resp: 108512

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.4

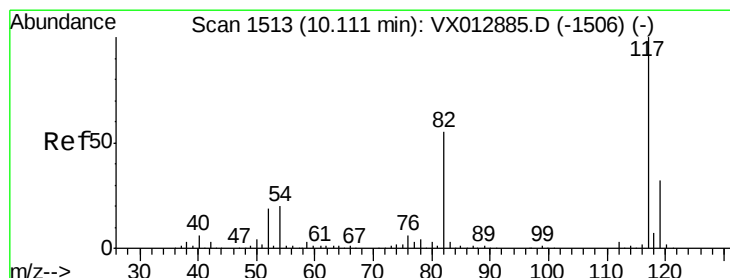
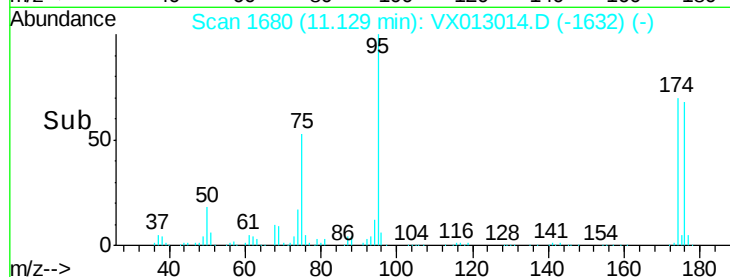
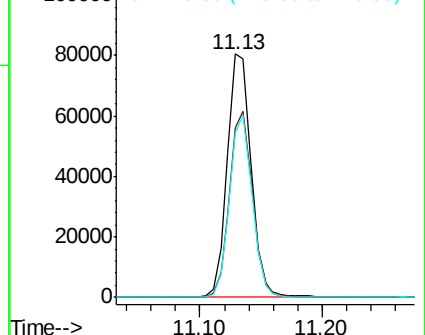
176 71.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

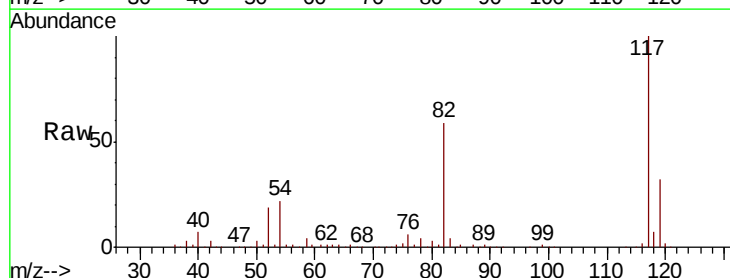
Tgt Ion: 117 Resp: 237157

Ion Ratio Lower Upper

117 100

82 58.9 44.1 66.1

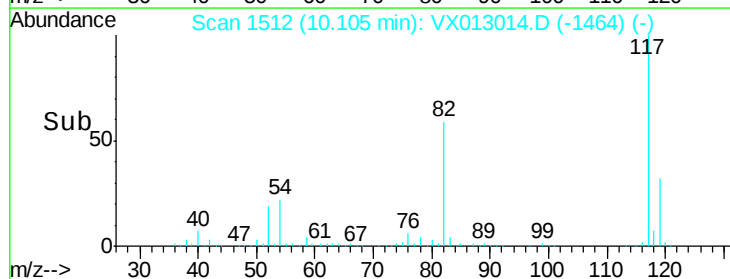
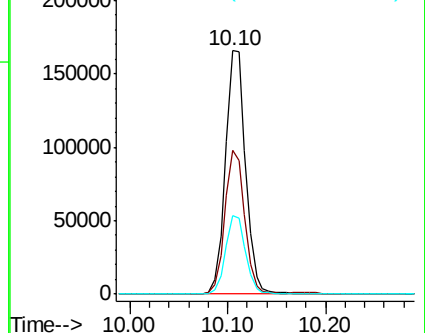
119 32.2 25.8 38.8

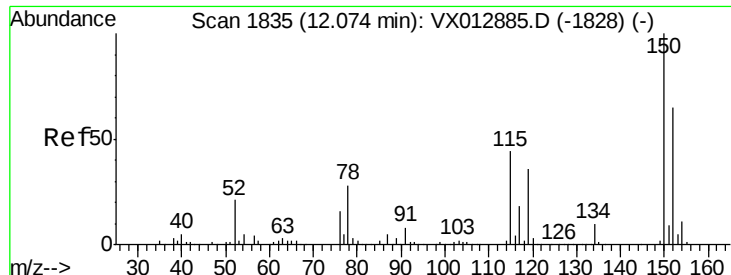


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBS01

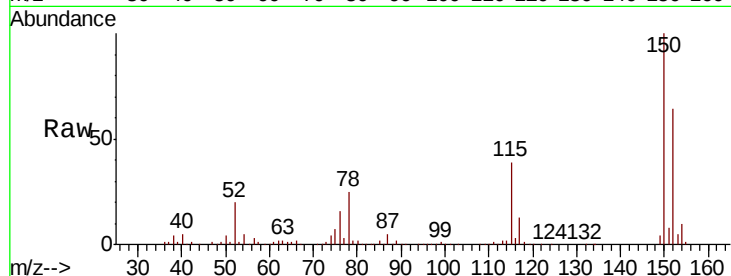
Tot Ion:152 Resp: 87200

Ion Ratio Lower Upper

152 100

115 62.7 44.5 133.5

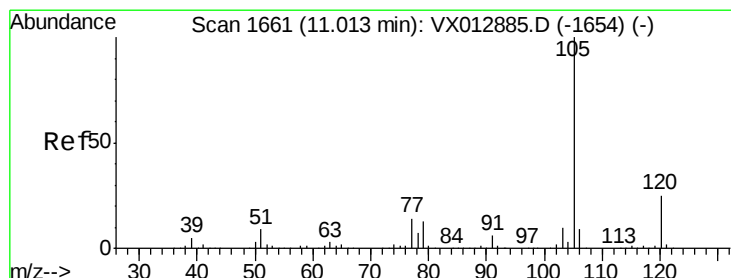
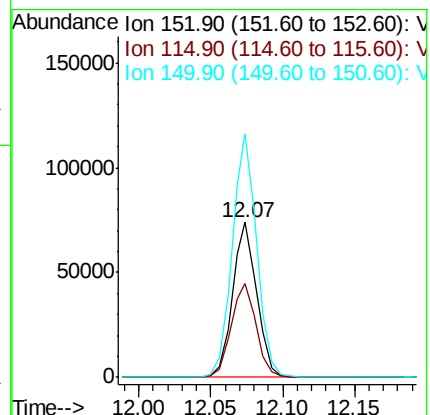
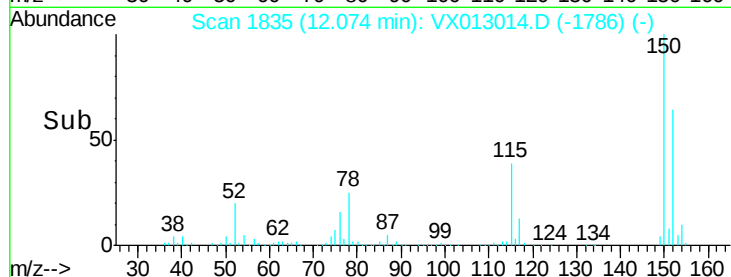
150 158.9 0.0 353.4



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: 0.247 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013014.D

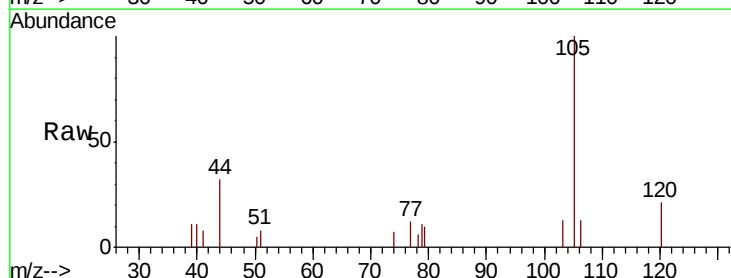
Acq: 11 Oct 2019 06:53

Tgt Ion:105 Resp: 1585

Ion Ratio Lower Upper

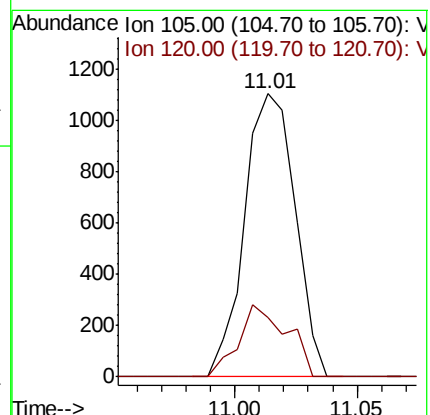
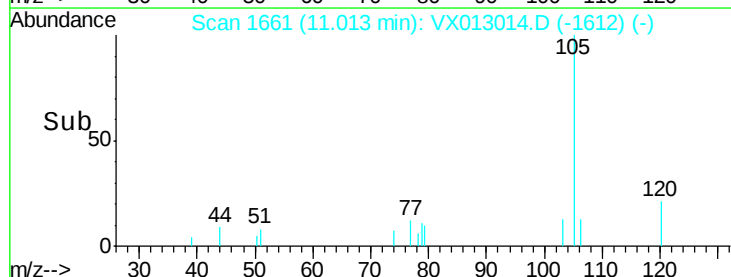
105 100

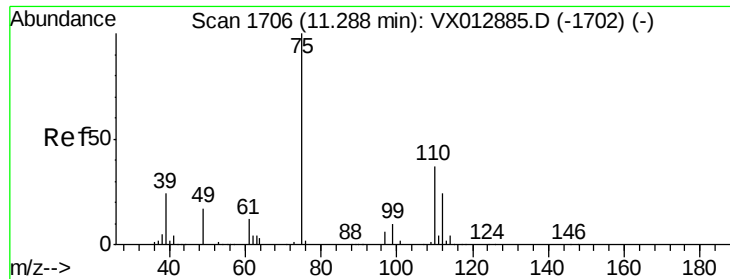
120 24.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

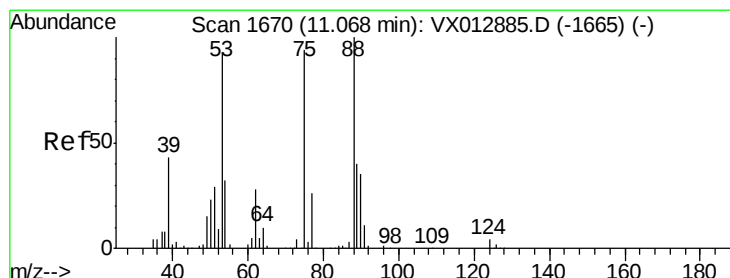
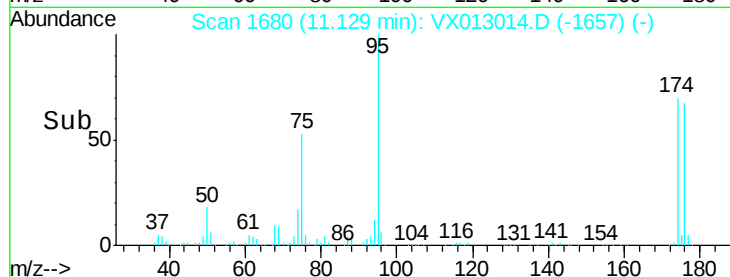
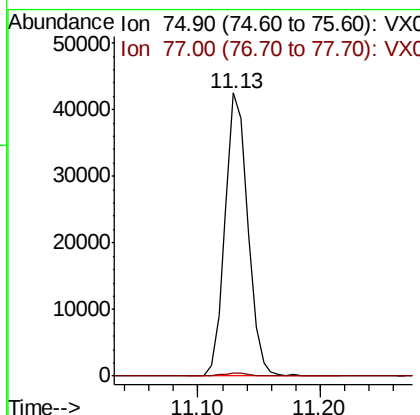
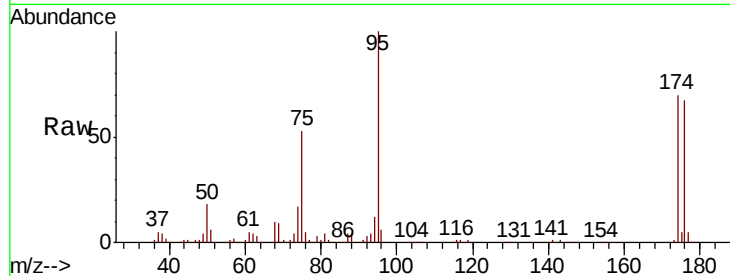




#76
 1,2,3-Trichloropropane
 Concen: 28.268 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013014.D
 Acq: 11 Oct 2019 06:53

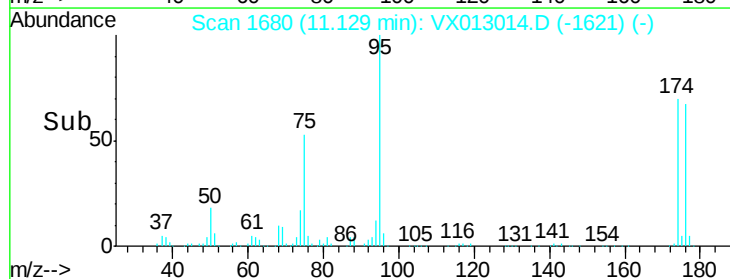
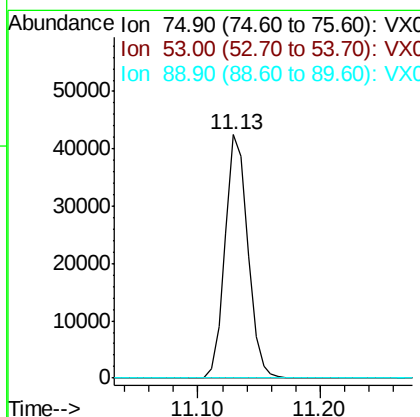
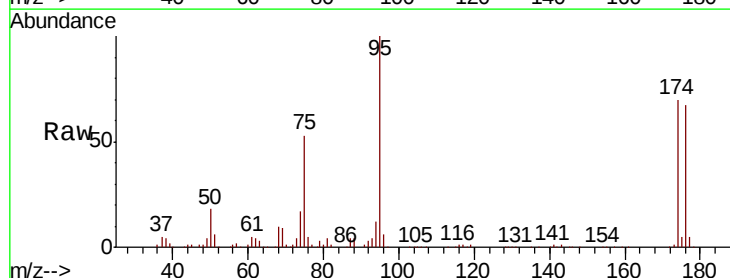
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBS01

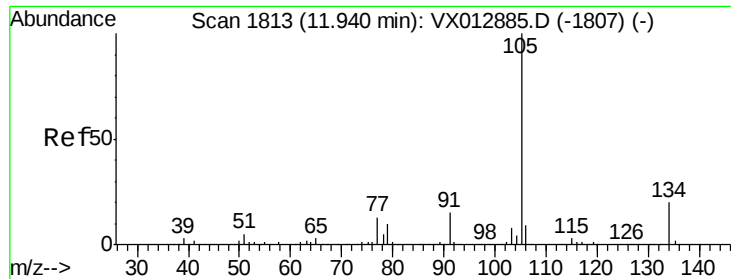
Tot Ion: 75 Resp: 54672
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.9 68.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.836 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013014.D
 Acq: 11 Oct 2019 06:53

Tgt Ion: 75 Resp: 54672
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.4 56.2#





#85

sec-Butylbenzene

Concen: 0.260 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampled :

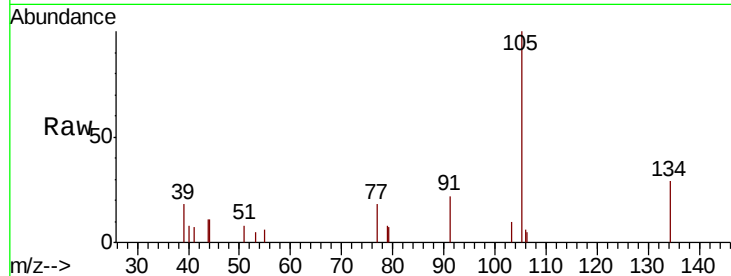
VX1011MBS01

Tot Ion:105 Resp: 1574

Ion Ratio Lower Upper

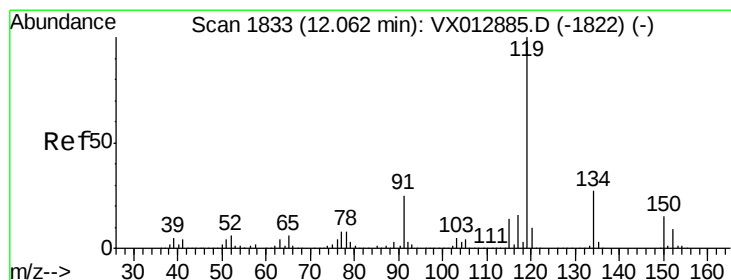
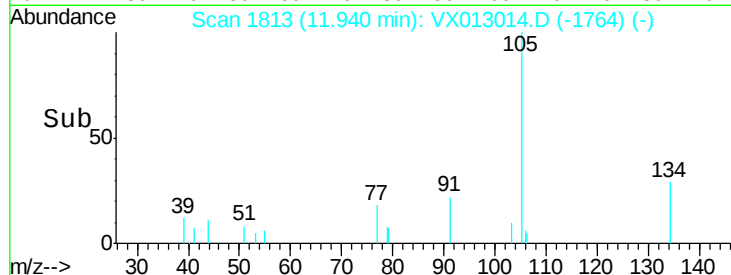
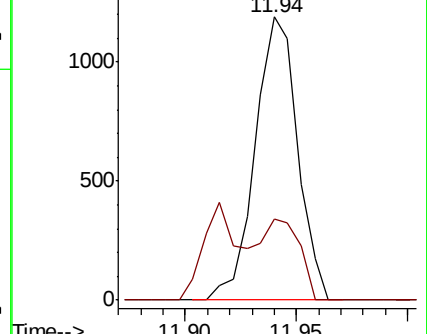
105 100

134 26.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.264 ug/l

RT: 12.23 min Scan# 1861

Delta R.T. 0.17 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

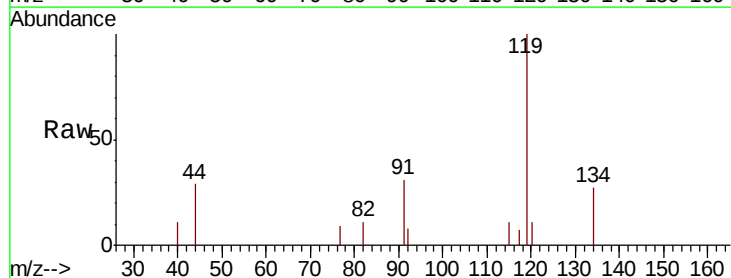
Tgt Ion:119 Resp: 1481

Ion Ratio Lower Upper

119 100

134 28.6 12.6 37.8

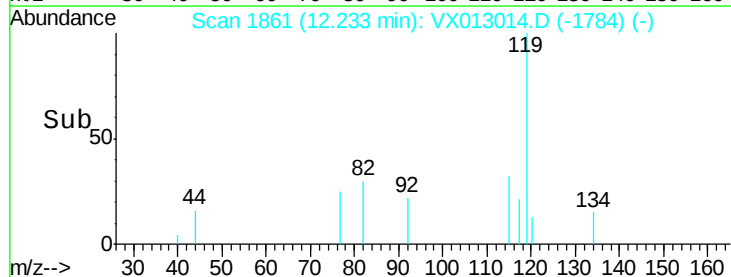
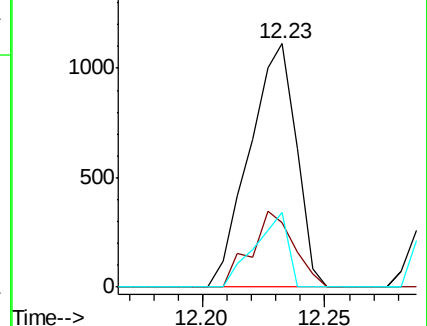
91 21.9 12.4 37.4

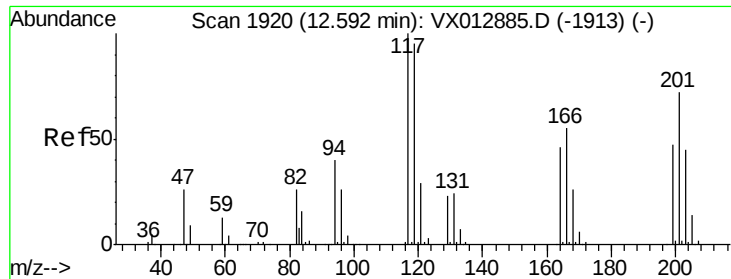


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#90

Hexachloroethane

Concen: 3.255 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Instrument :

MSVOA_X

ClientSampleId :

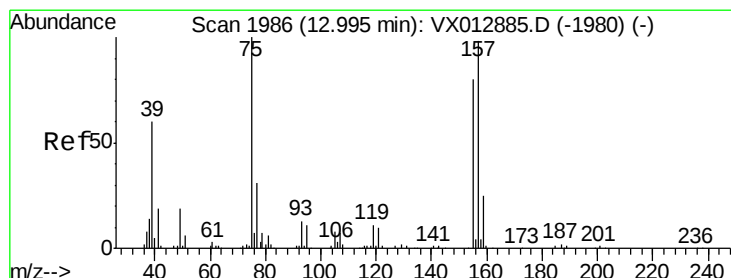
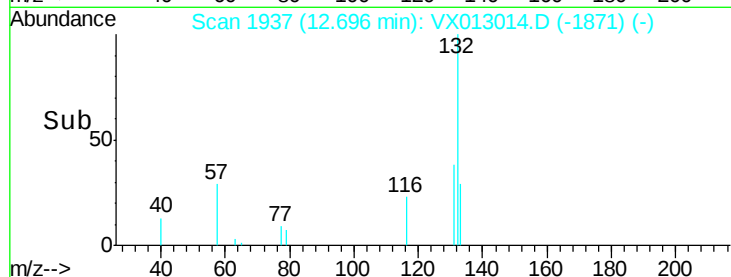
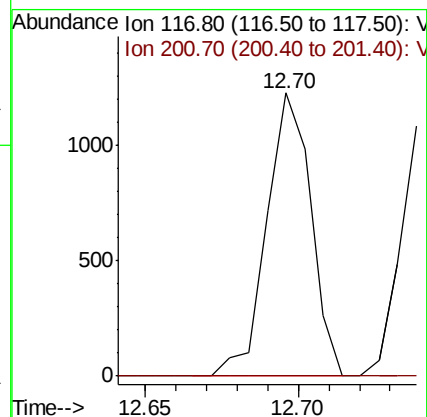
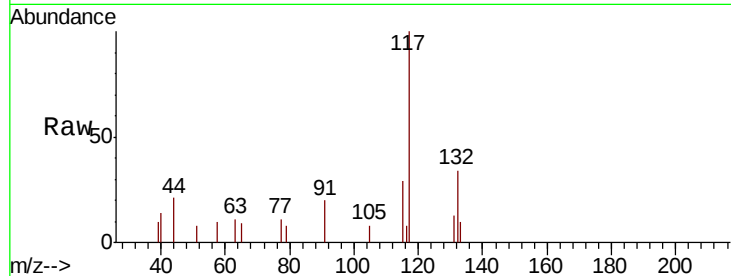
VX1011MBS01

Tot Ion:117 Resp: 1234

Ion Ratio Lower Upper

117 100

201 0.0 36.9 110.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.286 ug/l

RT: 12.75 min Scan# 1946

Delta R.T. -0.24 min

Lab File: VX013014.D

Acq: 11 Oct 2019 06:53

Tgt Ion: 75 Resp: 143

Ion Ratio Lower Upper

75 100

155 0.0 43.0 128.8#

157 0.0 54.1 162.3#

