

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012645.D
 Acq On : 24 Sep 2019 20:01
 Operator : JC/SP
 Sample : K5008-09ME 10X
 Misc : 5.99g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

Quant Time: Sep 25 04:39:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112022	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	120176	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	5.49	113	84373	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	353499	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	11.14	95	148393	57.46	ug/l	0.00
Spiked Amount			Recovery	=	114.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	294	0.353	ug/l #	60
6) Chloroethane	1.69	64	841	0.589	ug/l #	46
11) Tert butyl alcohol	3.00	59	15162	25.275	ug/l #	77
13) Acrolein	2.29	56	96	10.508	ug/l #	15
16) Acetone	2.44	43	1112	0.874	ug/l #	87
18) Methyl Acetate	2.76	43	807	0.269	ug/l	98
20) Methylene Chloride	2.84	84	464	0.216	ug/l #	63
25) 2-Butanone	4.68	43	442	0.242	ug/l #	51
31) Cyclohexane	5.61	56	8288	2.479	ug/l #	59
36) 1,1-Dichloropropene	5.65	75	14519	5.259	ug/l #	52
38) Carbon Tetrachloride	5.65	117	18918	6.746	ug/l #	16
39) Methylcyclohexane	7.45	83	138189	41.581	ug/l	89
43) Isopropyl Acetate	6.45	43	3217	0.596	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	1892	0.910	ug/l #	1
47) Bromodichloromethane	7.84	83	7342	2.595	ug/l #	66
48) Methyl methacrylate	7.73	41	18699	7.225	ug/l #	51
51) 4-Methyl-2-Pentanone	8.66	43	53337	16.009	ug/l #	43
55) 1,1,2-Trichloroethane	9.16	97	199383	98.238	ug/l #	19
56) Ethyl methacrylate	9.16	69	49784	14.601	ug/l #	1
59) 2-Hexanone	9.44	43	554222	217.331	ug/l #	31
60) Dibromochloromethane	9.55	129	1079	0.525	ug/l #	1
61) 1,2-Dibromoethane	9.67	107	1121	0.531	ug/l #	1
65) Chlorobenzene	10.16	112	1689	0.324	ug/l #	43
67) Ethyl Benzene	10.27	91	2174	0.230	ug/l #	55
68) m/p-Xylenes	10.36	106	950	0.268	ug/l #	1
73) Isopropylbenzene	11.01	105	315642	34.595	ug/l	100
74) N-amyl acetate	10.91	43	224566	51.592	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	183239	60.641	ug/l #	26
76) 1,2,3-Trichloropropane	11.35	75	3880	1.309	ug/l #	1
77) Bromobenzene	11.30	156	615	0.298	ug/l #	1
78) n-propylbenzene	11.35	91	603793	58.781	ug/l	99
79) 2-Chlorotoluene	11.35	91	603793	94.228	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.67	105	46891	6.129	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.01	75	4382	4.238	ug/l #	1

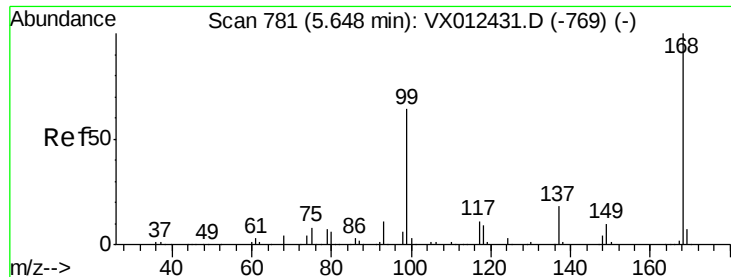
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.35	91	603793	82.660	ug/l #	47
83) tert-Butylbenzene	11.77	119	19494	2.641	ug/l	86
84) 1,2,4-Trimethylbenzene	11.67	105	46216	5.988	ug/l	81
85) sec-Butylbenzene	11.94	105	307831	35.860	ug/l	79
86) p-Isopropyltoluene	12.23	119	90236	11.650	ug/l	91
89) n-Butylbenzene	12.39	91	305312	44.731	ug/l #	80
90) Hexachloroethane	12.67	117	88968	64.426	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	12.97	75	4574	6.051	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.65	180	683	0.301	ug/l #	1
95) Naphthalene	13.81	128	13842	1.686	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	2283	1.004	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

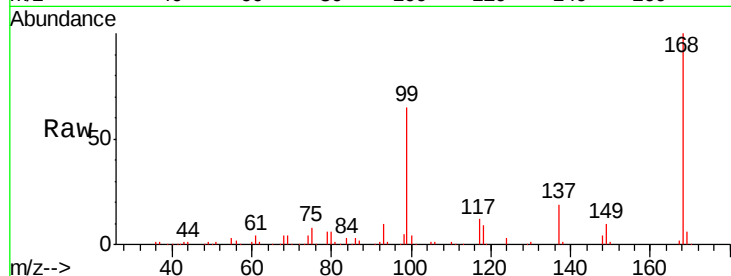
SB-9

Tgt Ion:168 Resp: 164910

Ion Ratio Lower Upper

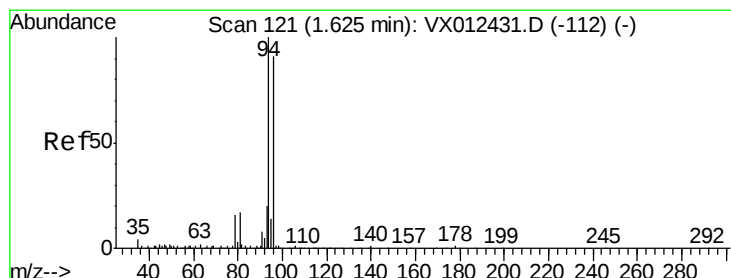
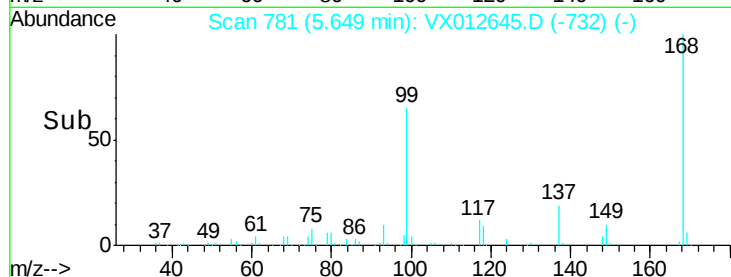
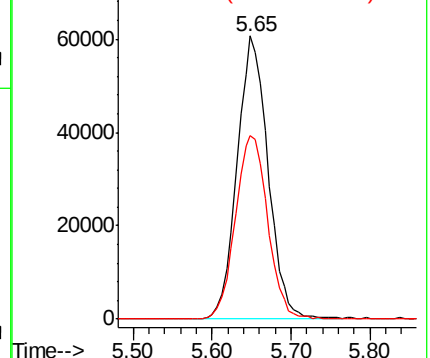
168 100

99 65.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.353 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012645.D

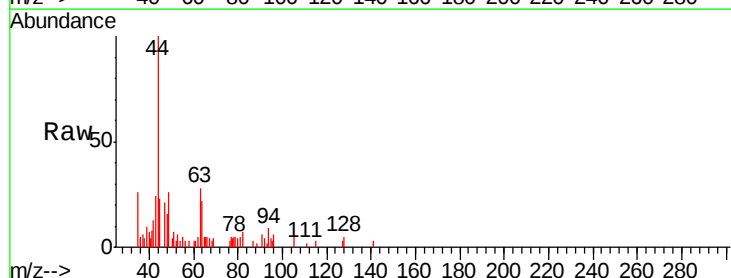
Acq: 24 Sep 2019 20:01

Tgt Ion: 94 Resp: 294

Ion Ratio Lower Upper

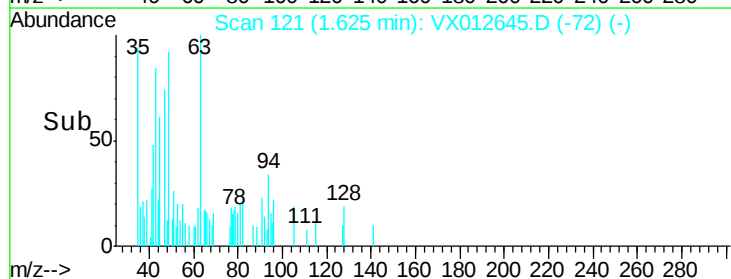
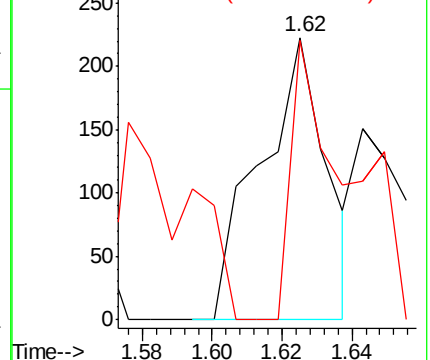
94 100

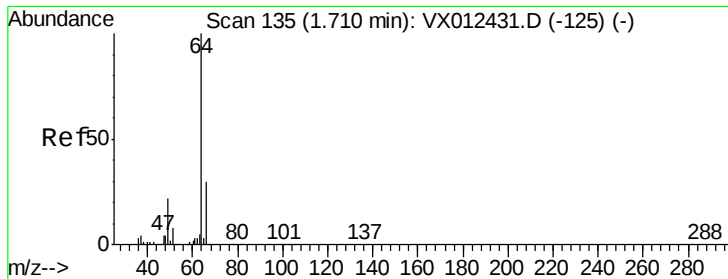
96 52.9 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.589 ug/l

RT: 1.69 min Scan# 131

Delta R.T. -0.02 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

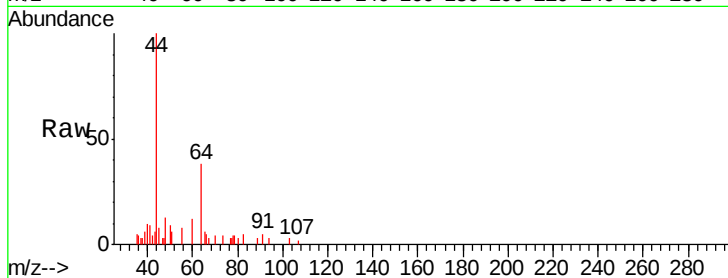
SB-9

Tgt Ion: 64 Resp: 841

Ion Ratio Lower Upper

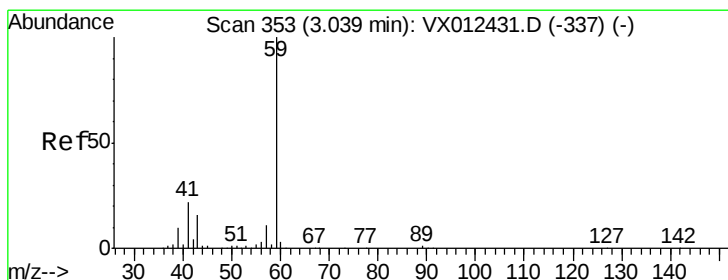
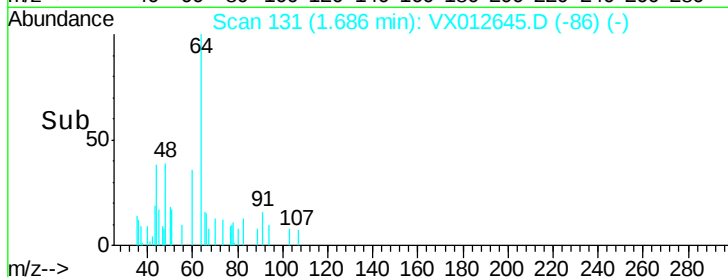
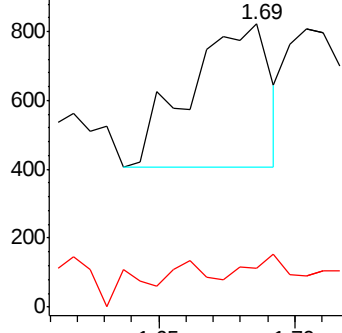
64 100

66 0.7 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 25.275 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.04 min

Lab File: VX012645.D

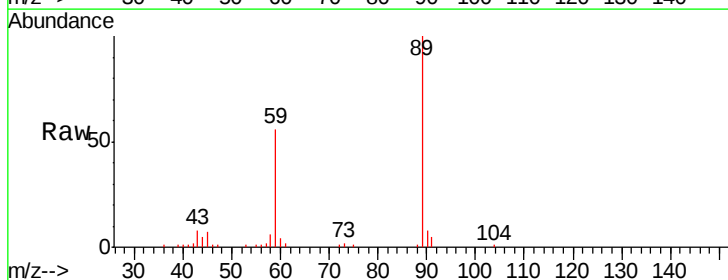
Acq: 24 Sep 2019 20:01

Tgt Ion: 59 Resp: 15162

Ion Ratio Lower Upper

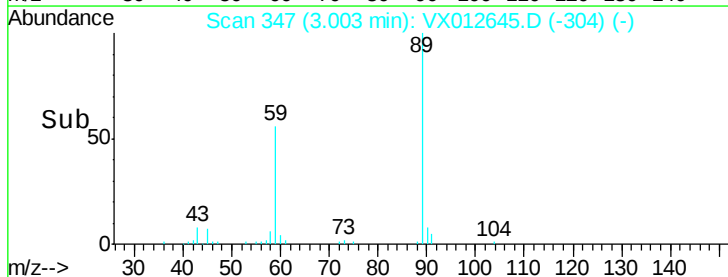
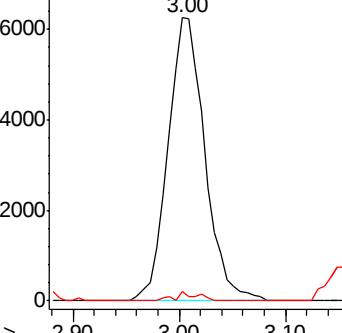
59 100

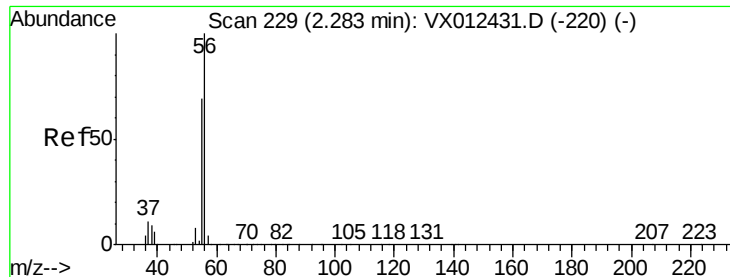
57 1.8 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 10.508 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

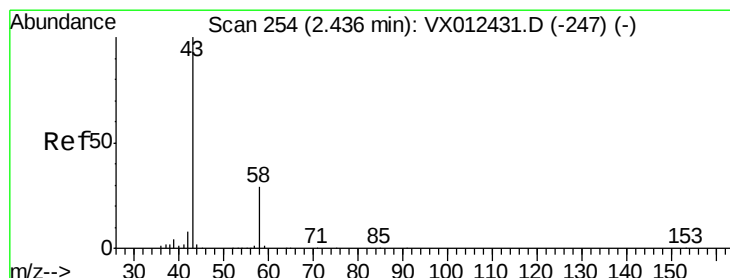
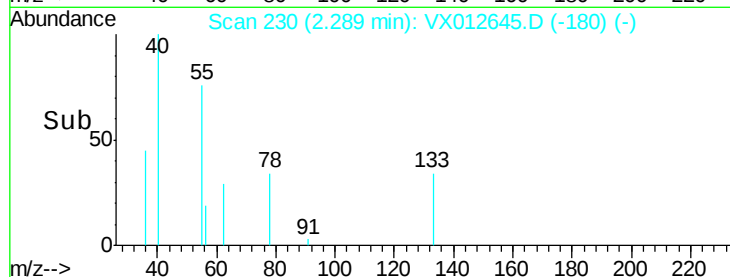
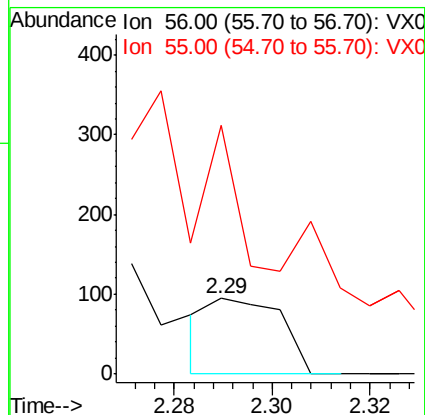
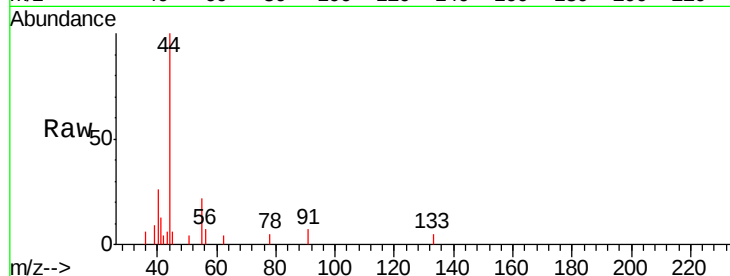
SB-9

Tgt Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: 0.874 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012645.D

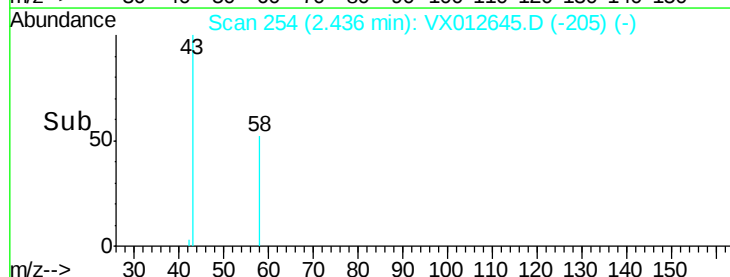
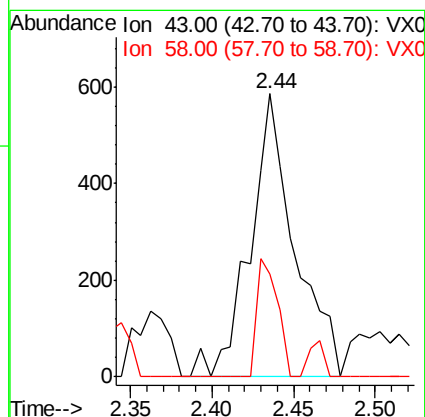
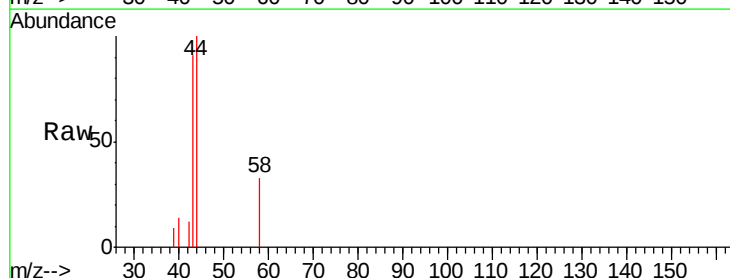
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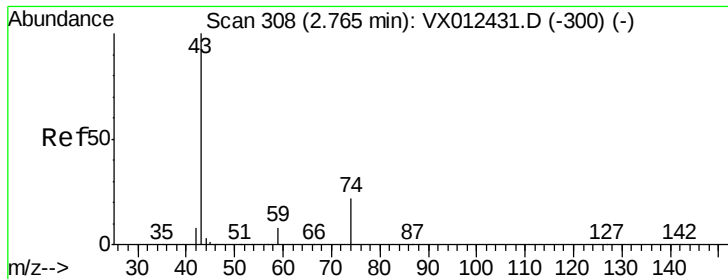
Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

58 36.2 23.3 34.9#

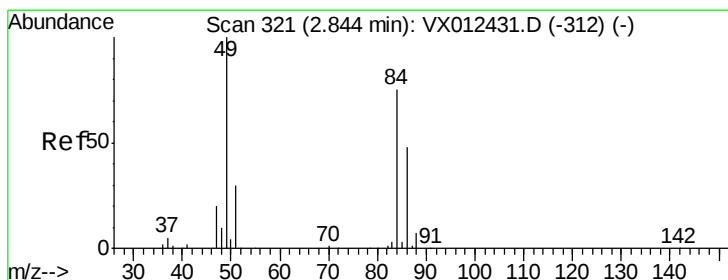
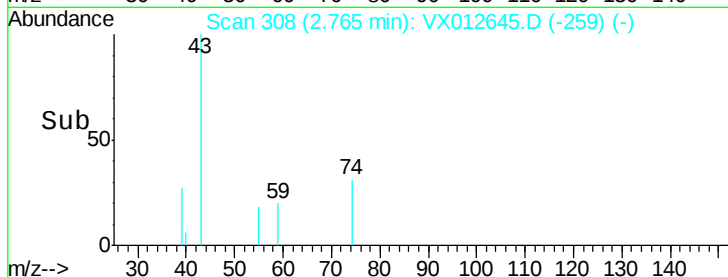
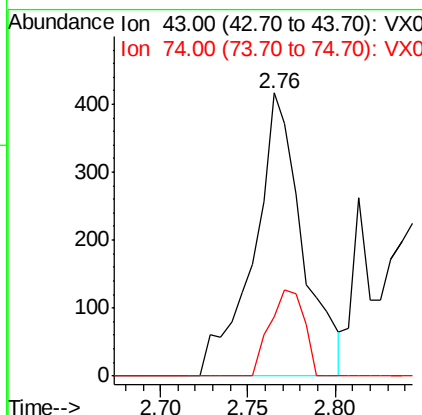
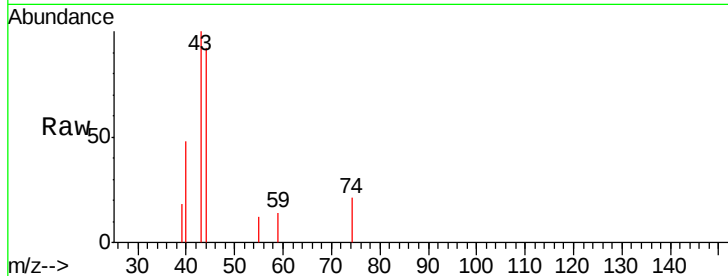




#18
Methyl Acetate
Concen: 0.269 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

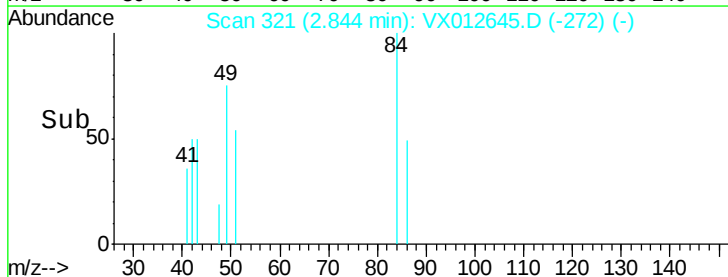
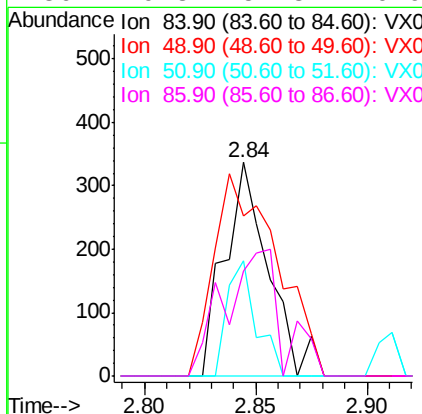
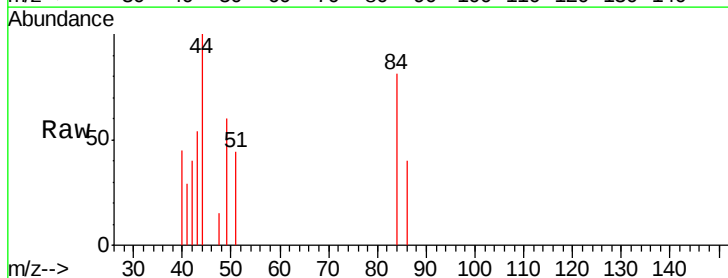
Instrument :
MSVOA_X
ClientSampled :
SB-9

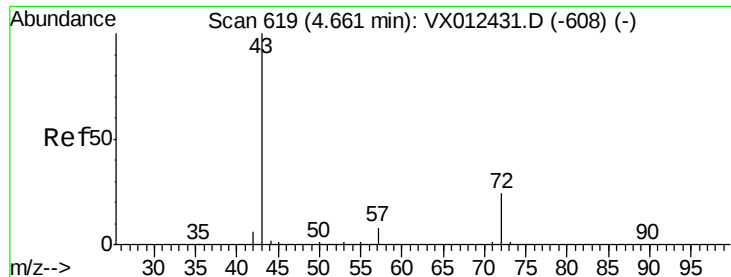
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
74 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

Tgt Ion: 84 Resp: 464
Ion Ratio Lower Upper
84 100
49 74.8 106.8 160.2#
51 54.0 32.3 48.5#
86 49.3 51.3 76.9#





#25

2-Butanone

Concen: 0.242 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

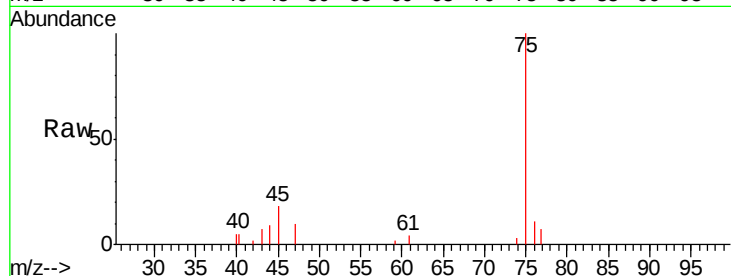
SB-9

Tgt Ion: 43 Resp: 442

Ion Ratio Lower Upper

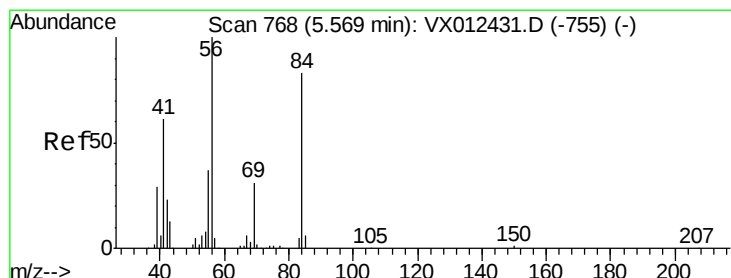
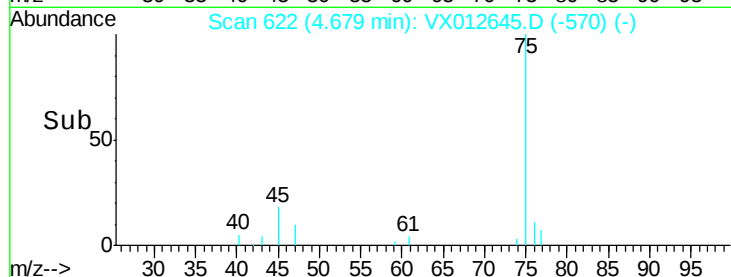
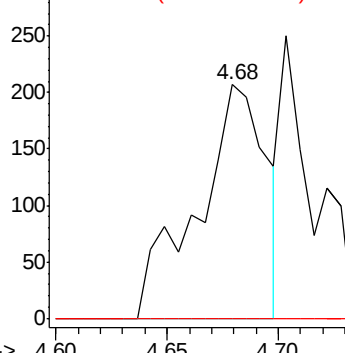
43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 2.479 ug/l

RT: 5.61 min Scan# 774

Delta R.T. 0.04 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

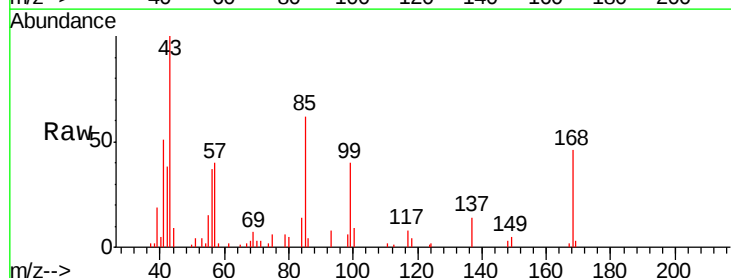
Tgt Ion: 56 Resp: 8288

Ion Ratio Lower Upper

56 100

69 19.5 25.0 37.6#

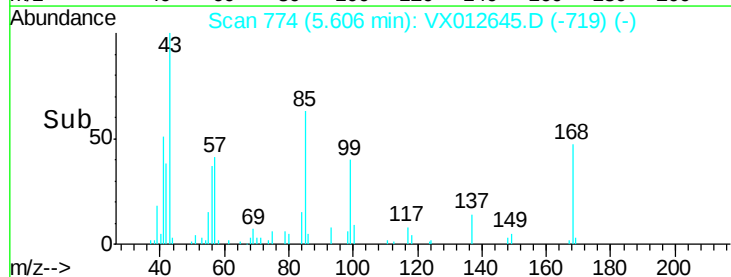
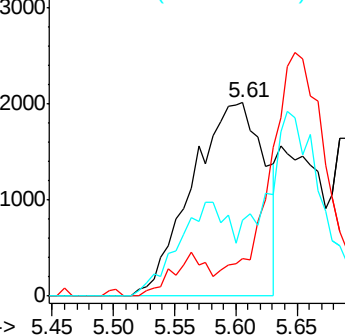
84 39.2 66.4 99.6#

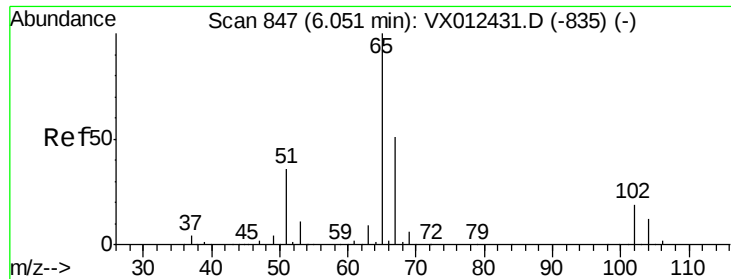


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

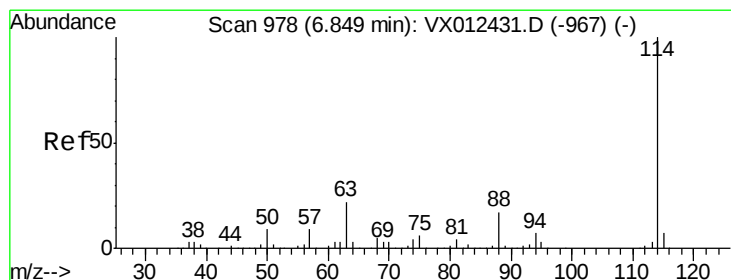
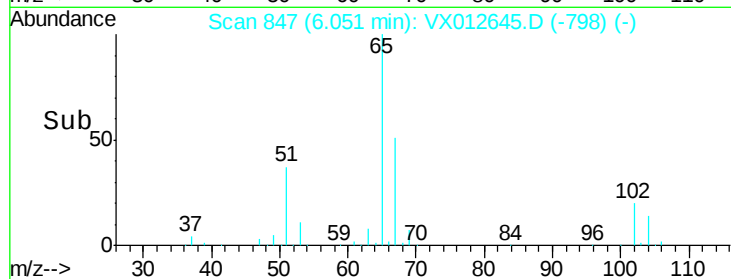
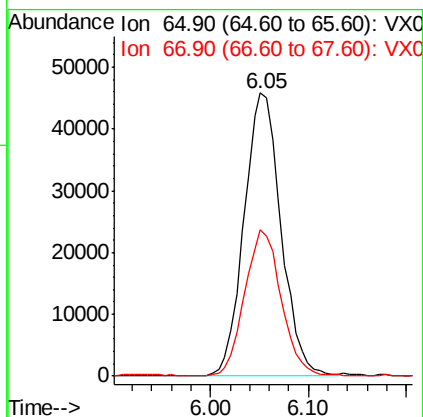
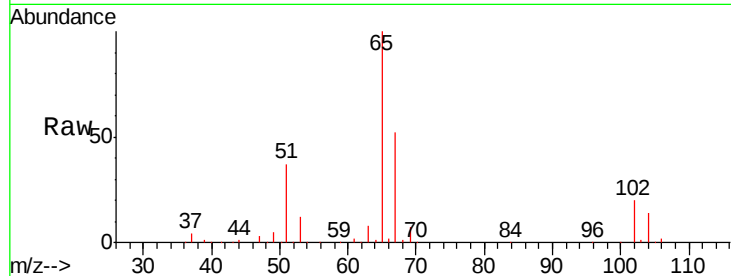




#33
 1,2-Dichloroethane-d4
 Concen: 50.044 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

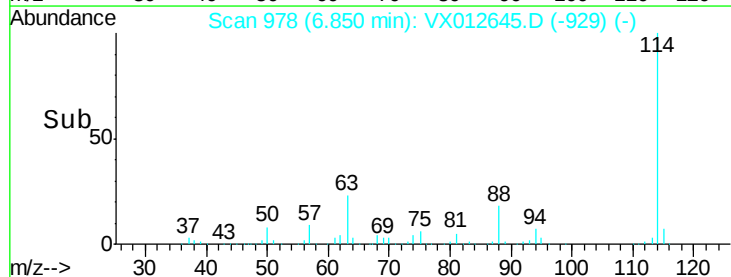
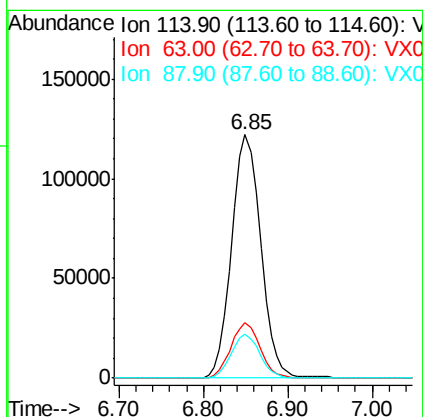
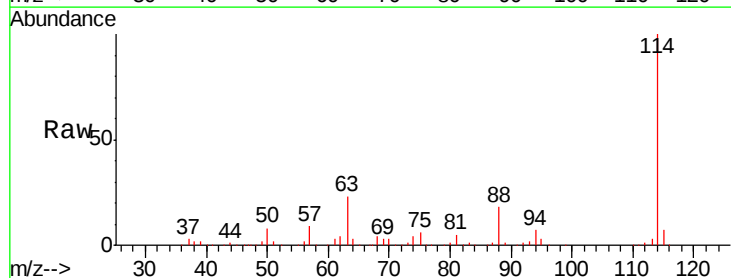
Instrument :
 MSVOA_X
 ClientSampled :
 SB-9

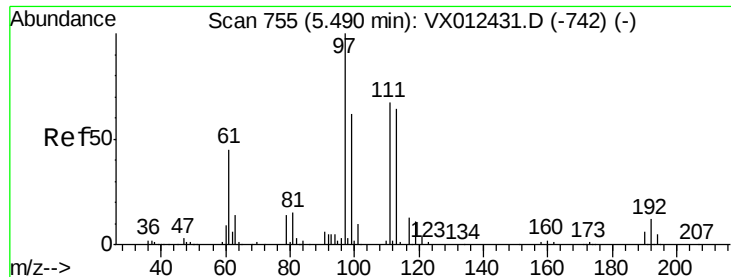
Tgt Ion: 65 Resp: 120176
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Tgt Ion: 114 Resp: 286397
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.2
 88 18.0 0.0 33.2

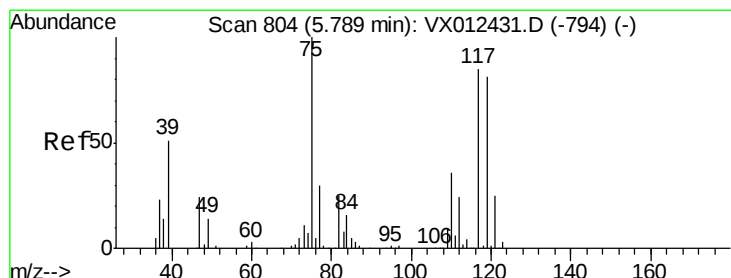
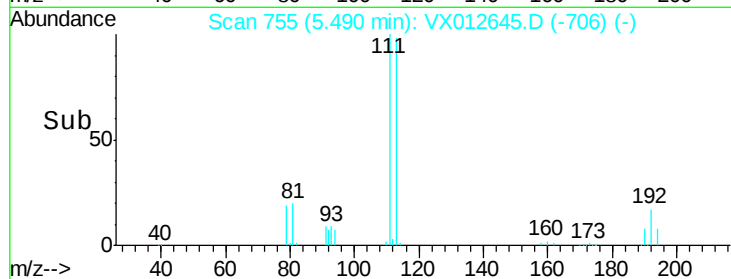
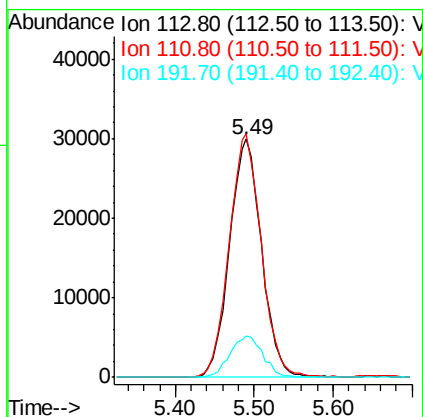
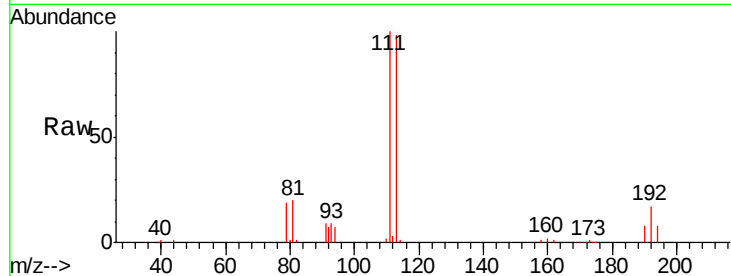




#35
 Dibromofluoromethane
 Concen: 49.468 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

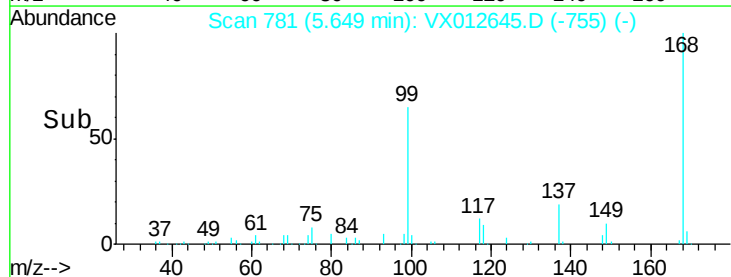
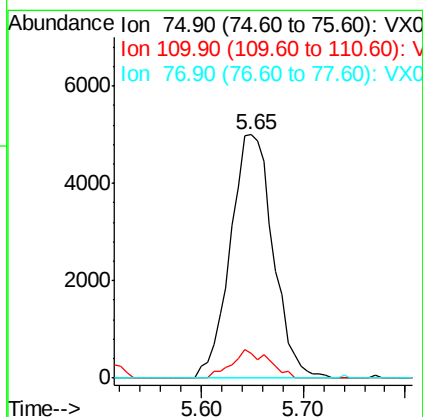
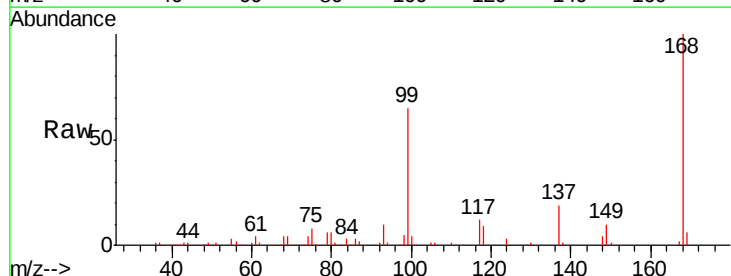
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

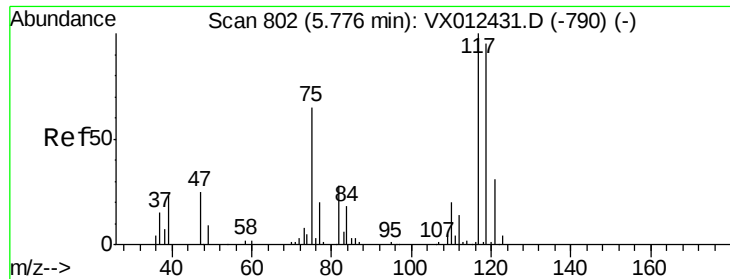
Tgt Ion:113 Resp: 84373
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 17.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 5.259 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Tgt Ion: 75 Resp: 14519
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.7 50.0#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.746 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

SB-9

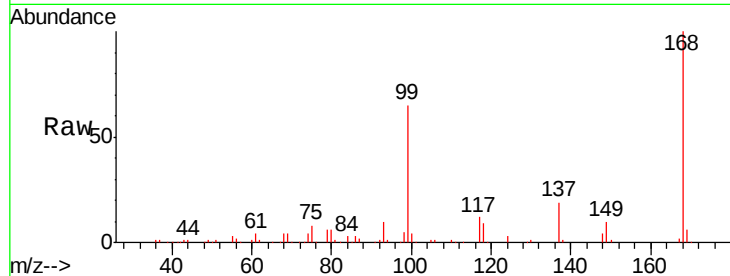
Tgt Ion:117 Resp: 18918

Ion Ratio Lower Upper

117 100

119 3.8 75.7 113.5#

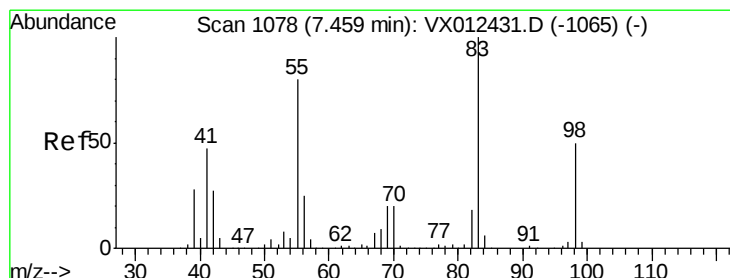
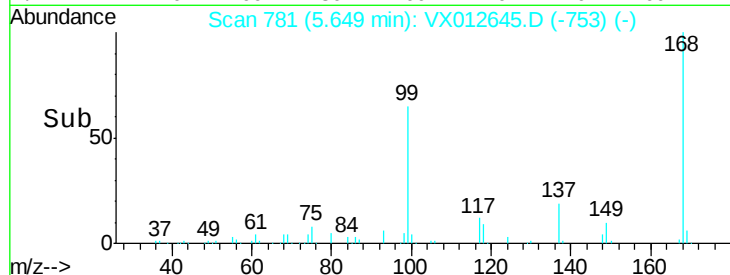
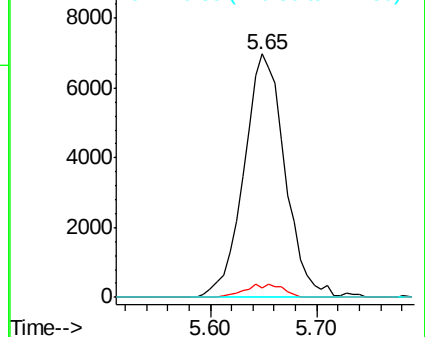
121 0.0 24.2 36.4#



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: 41.581 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

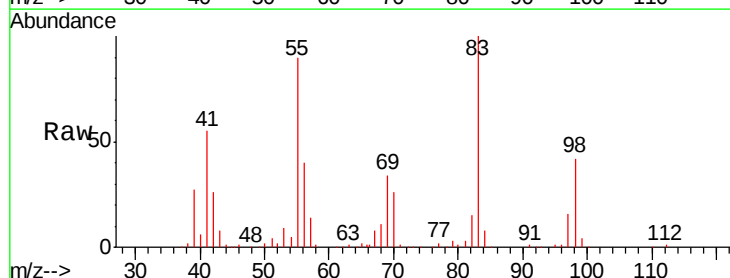
Tgt Ion: 83 Resp: 138189

Ion Ratio Lower Upper

83 100

55 89.6 64.4 96.6

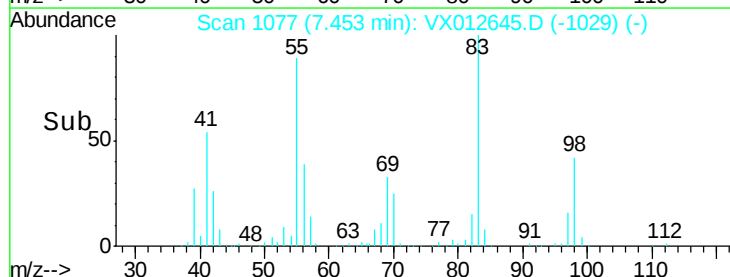
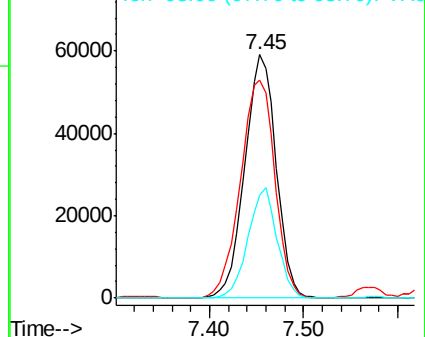
98 42.0 40.1 60.1

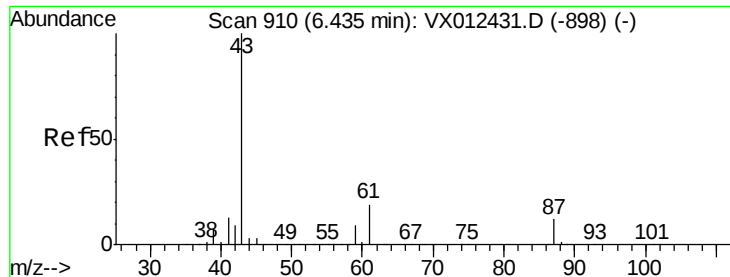


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.596 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

SB-9

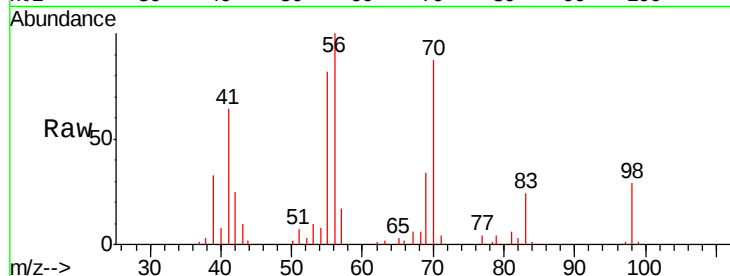
Tgt Ion: 43 Resp: 3217

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

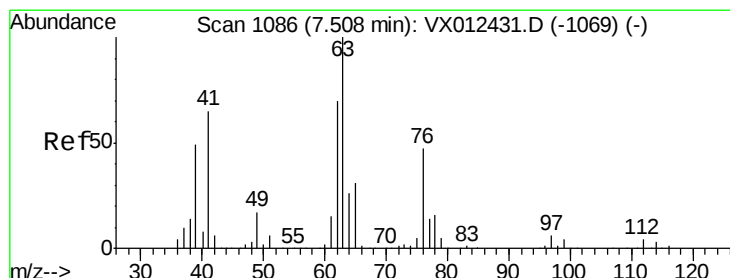
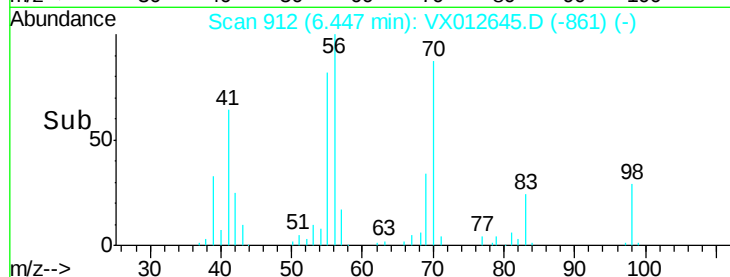
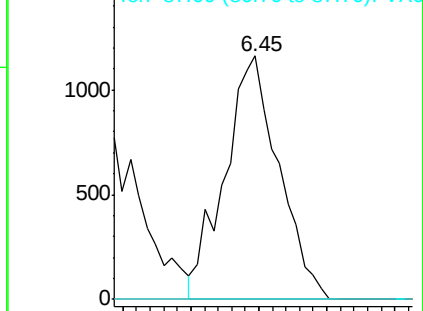
87 0.0 9.8 14.8#



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



#45

1,2-Dichloropropane

Concen: 0.910 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX012645.D

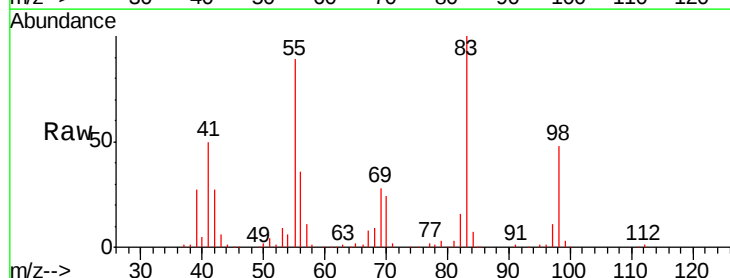
Acq: 24 Sep 2019 20:01

Tgt Ion: 63 Resp: 1892

Ion Ratio Lower Upper

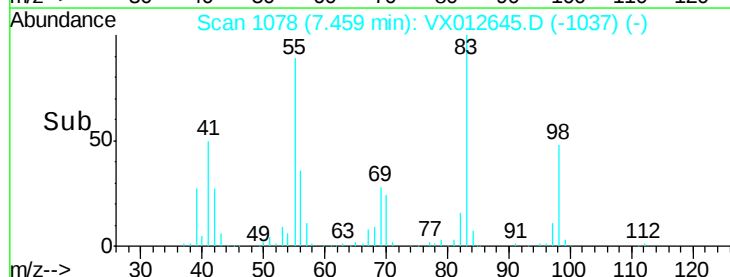
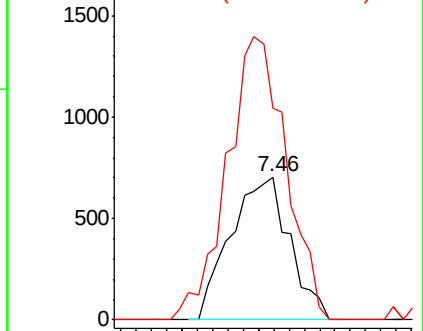
63 100

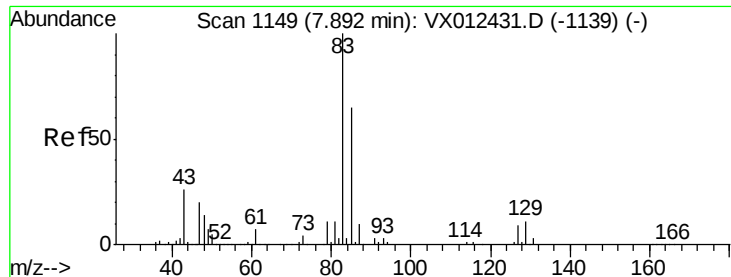
65 148.2 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 2.595 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. -0.05 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

SB-9

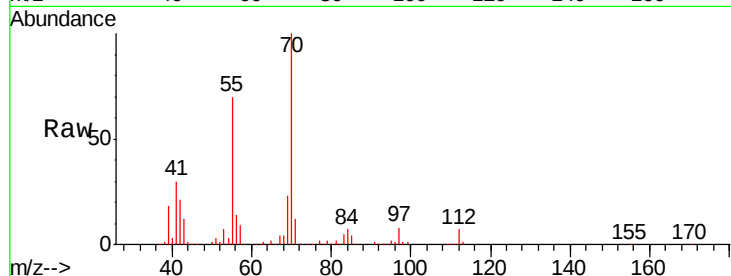
Tgt Ion: 83 Resp: 7342

Ion Ratio Lower Upper

83 100

85 92.4 51.8 77.6#

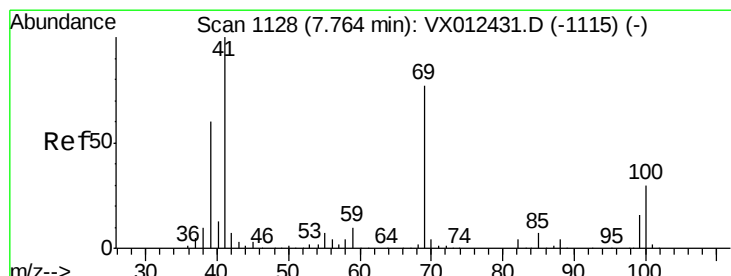
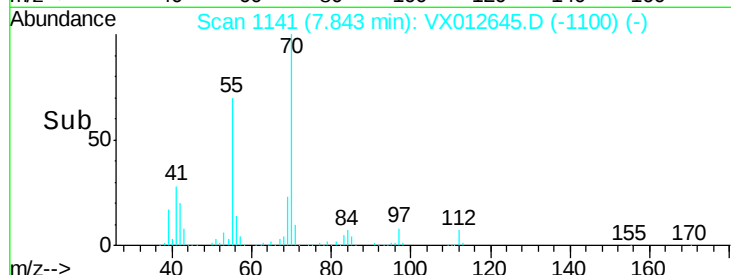
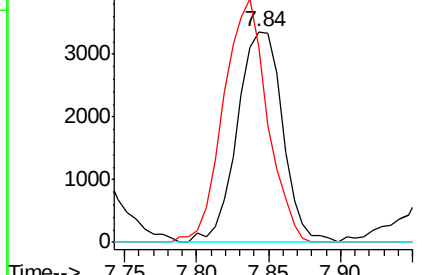
127 0.0 7.3 10.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 7.225 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

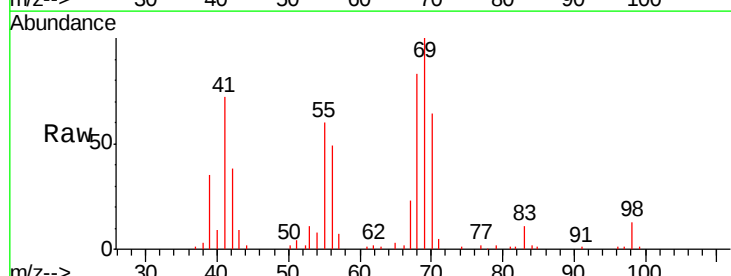
Tgt Ion: 41 Resp: 18699

Ion Ratio Lower Upper

41 100

69 139.7 59.9 89.9#

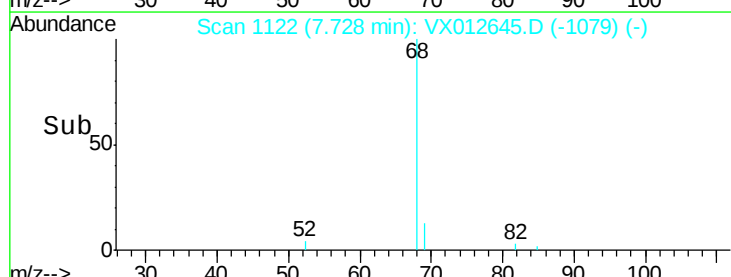
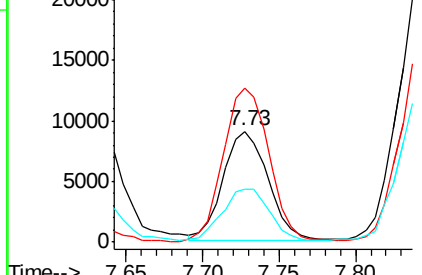
39 48.3 47.8 71.6

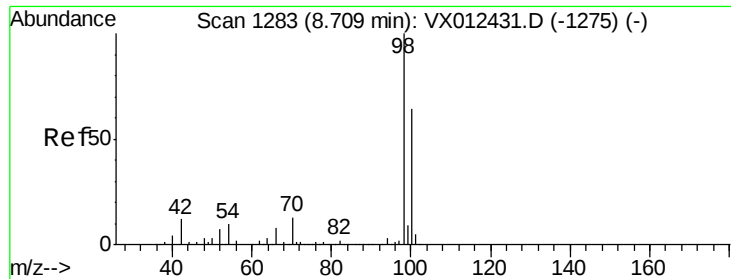


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

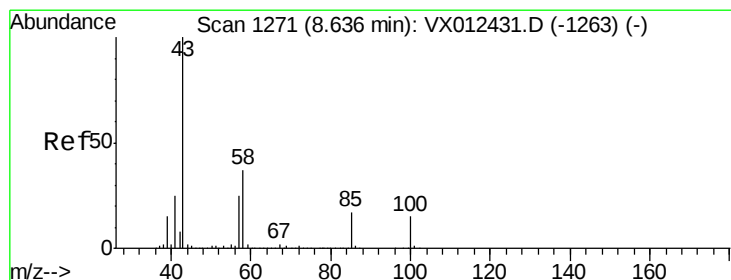
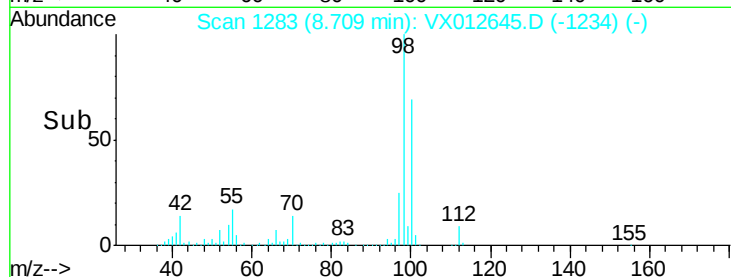
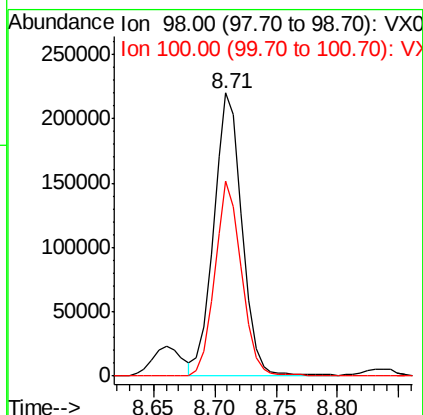
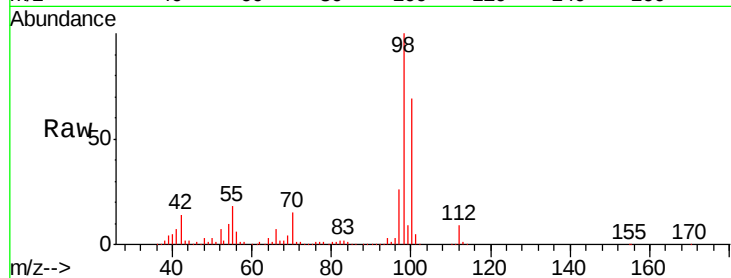




#50
Toluene-d8
Concen: 53.818 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

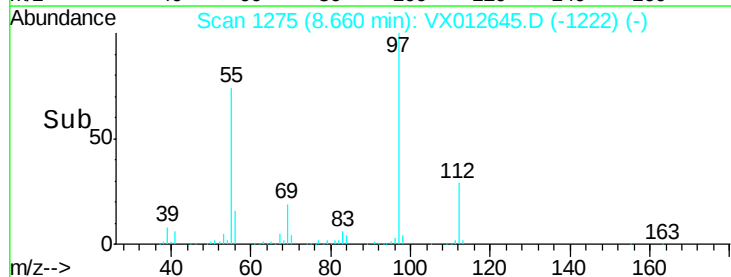
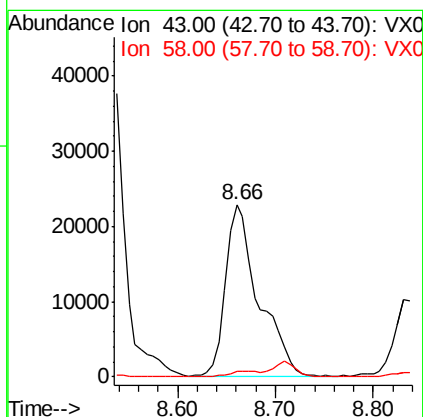
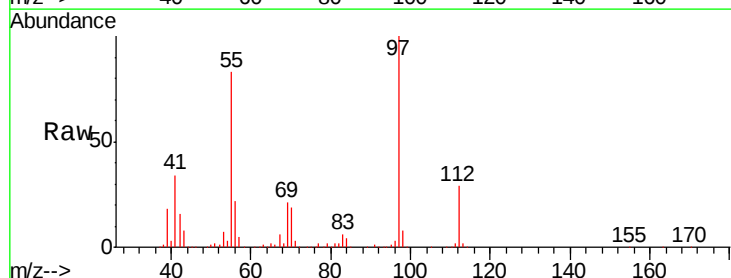
Instrument :
MSVOA_X
ClientSampleId :
SB-9

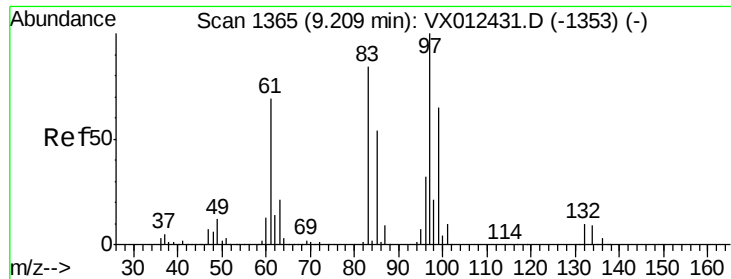
Tgt Ion: 98 Resp: 353499
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 16.009 ug/l
RT: 8.66 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

Tgt Ion: 43 Resp: 53337
Ion Ratio Lower Upper
43 100
58 2.9 29.8 44.6#

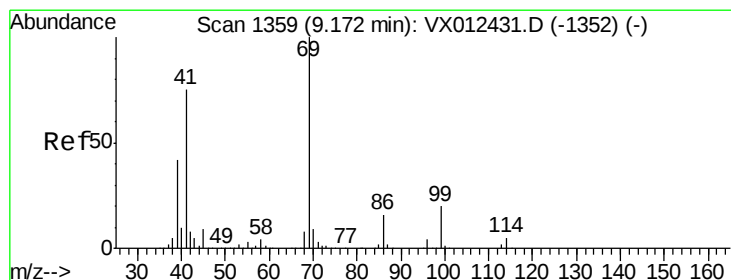
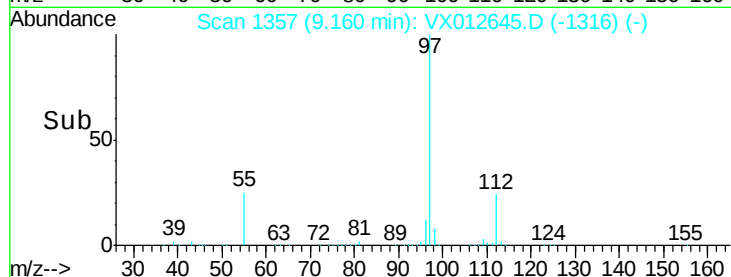
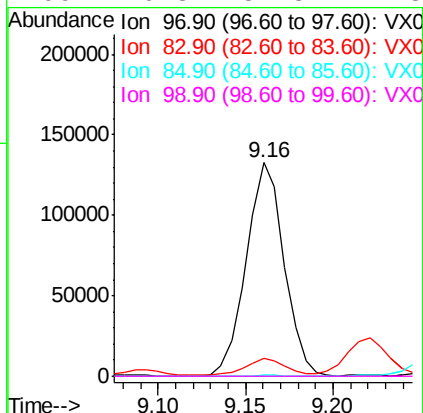
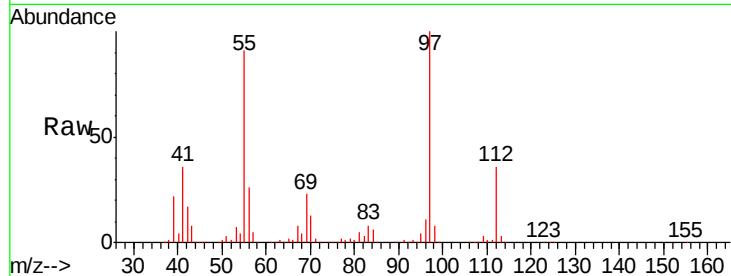




#55
 1,1,2-Trichloroethane
 Concen: 98.238 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

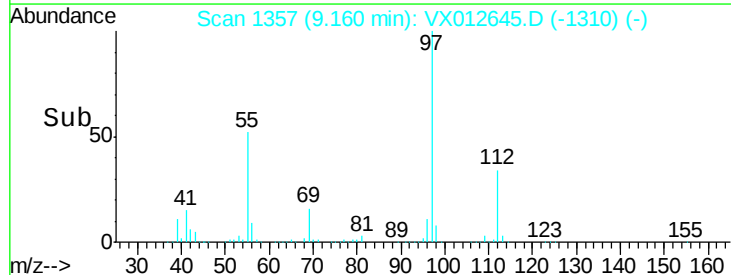
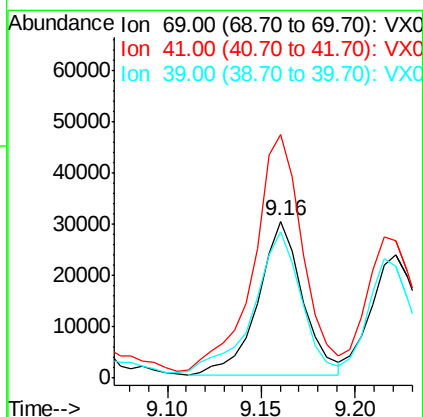
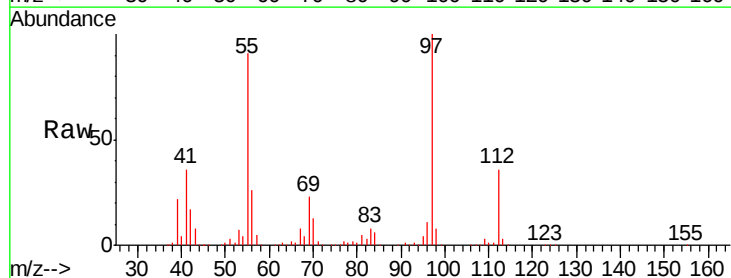
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

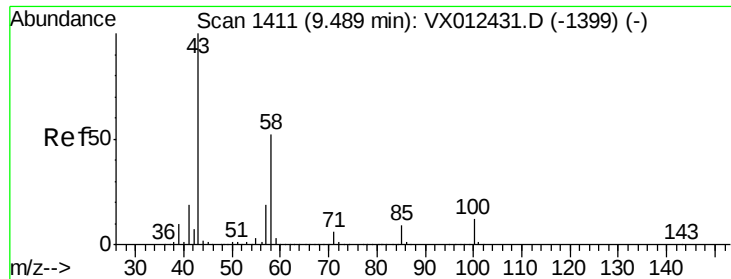
Tgt Ion: 97 Resp: 199383
 Ion Ratio Lower Upper
 97 100
 83 7.7 67.4 101.2#
 85 0.5 43.5 65.3#
 99 0.3 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 14.601 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Tgt Ion: 69 Resp: 49784
 Ion Ratio Lower Upper
 69 100
 41 164.9 58.4 87.6#
 39 96.5 33.4 50.0#

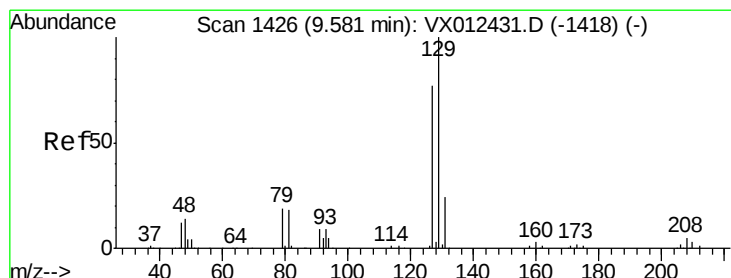
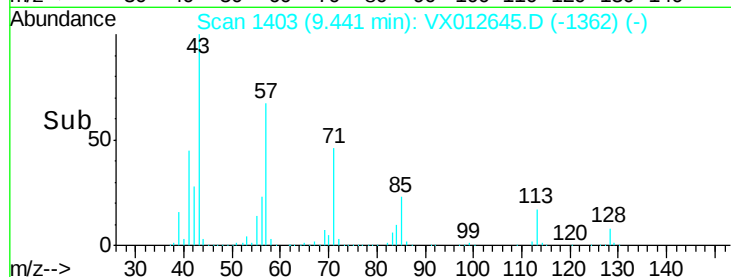
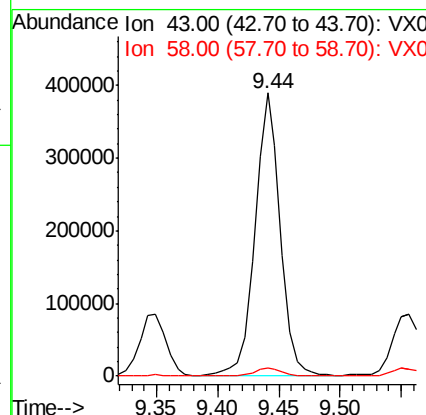
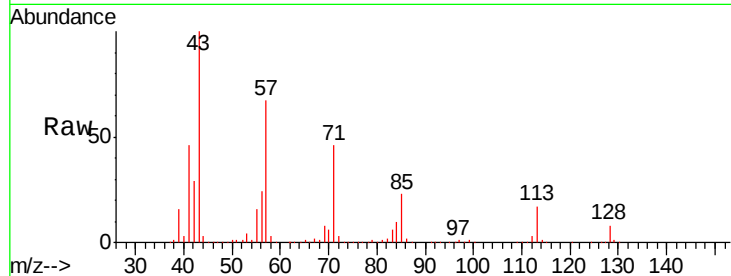




#59
2-Hexanone
Concen: 217.331 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

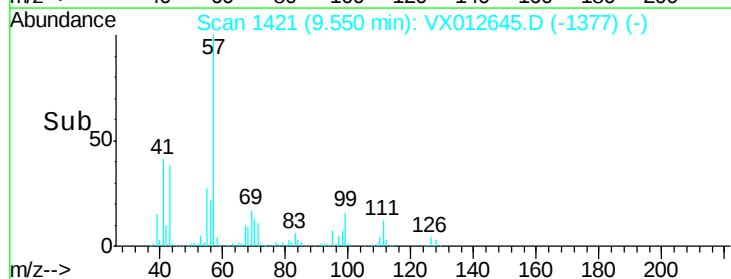
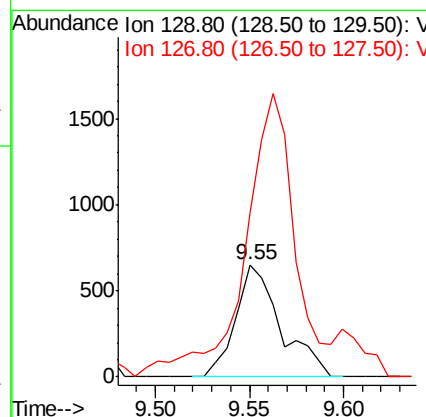
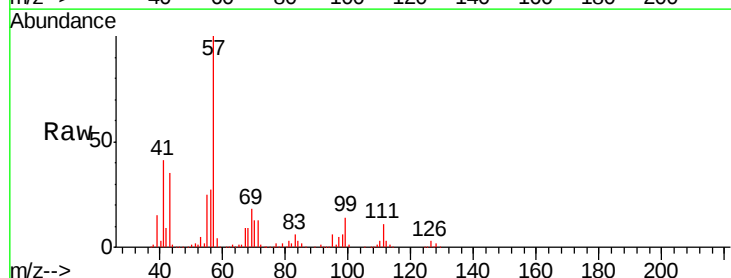
Instrument :
MSVOA_X
ClientSampled :
SB-9

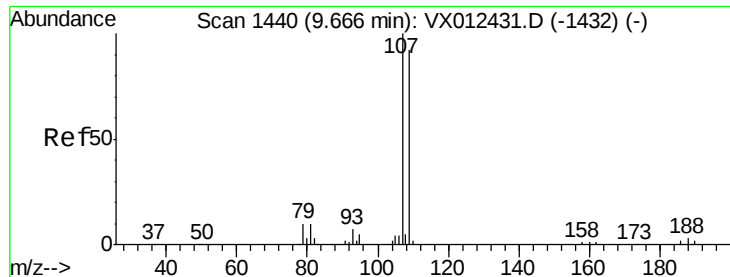
Tgt Ion: 43 Resp: 554222
Ion Ratio Lower Upper
43 100
58 3.2 25.7 77.1#



#60
Dibromochloromethane
Concen: 0.525 ug/l
RT: 9.55 min Scan# 1421
Delta R.T. -0.03 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

Tgt Ion: 129 Resp: 1079
Ion Ratio Lower Upper
129 100
127 280.1 38.9 116.6#





#61

1,2-Dibromoethane

Concen: 0.531 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

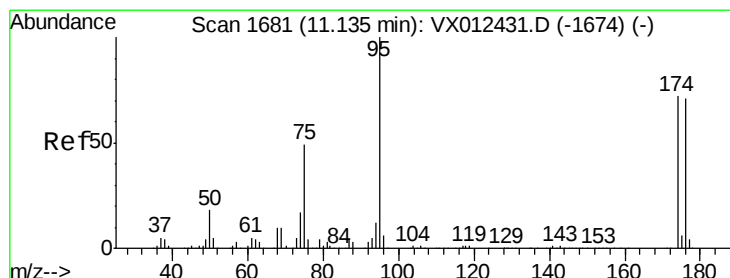
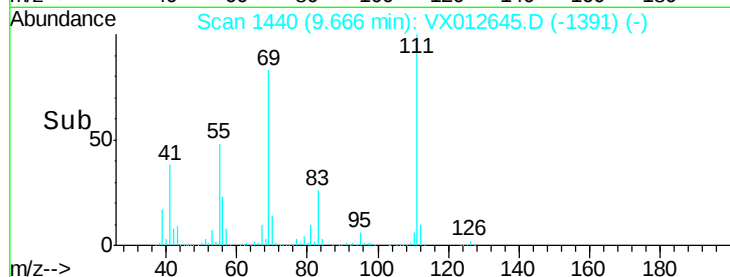
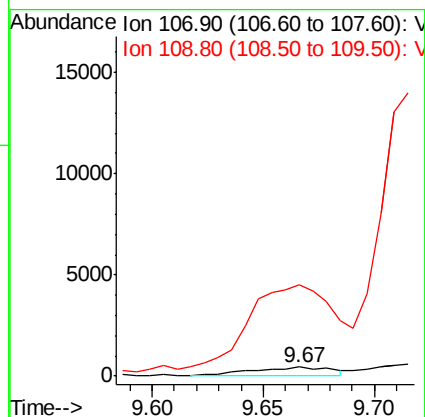
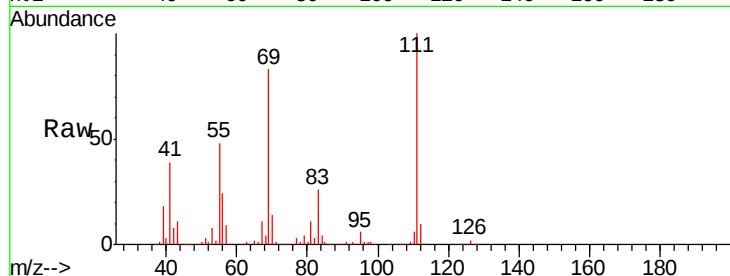
SB-9

Tgt Ion: 107 Resp: 1121

Ion Ratio Lower Upper

107 100

109 1001.4 74.7 112.1#



#62

4-Bromofluorobenzene

Concen: 57.456 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

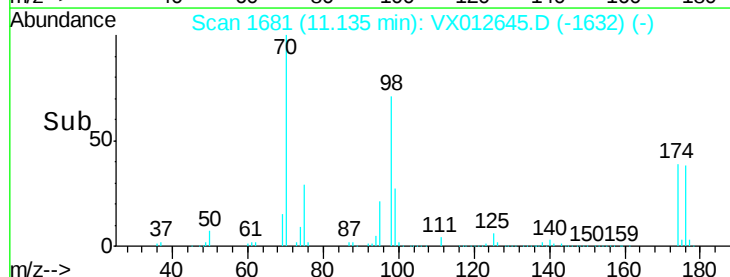
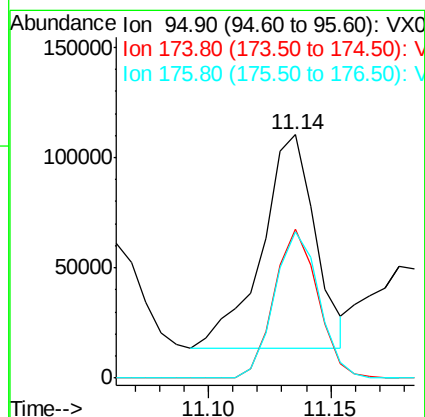
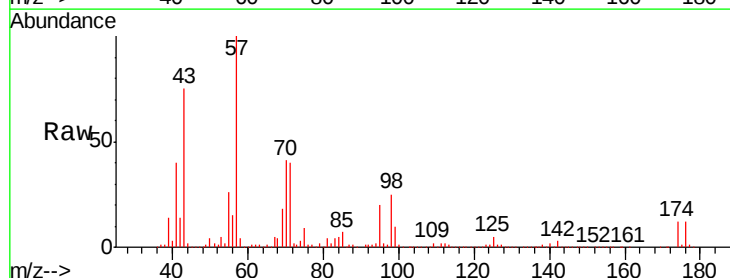
Tgt Ion: 95 Resp: 148393

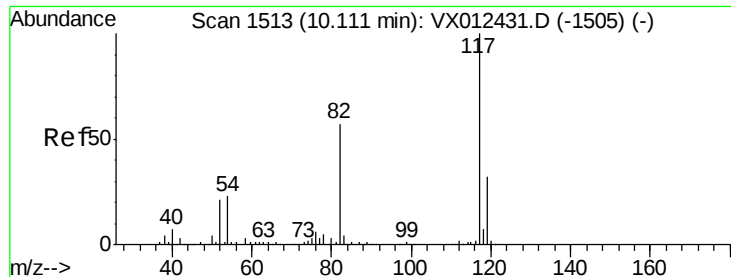
Ion Ratio Lower Upper

95 100

174 57.0 0.0 140.0

176 57.1 0.0 135.4

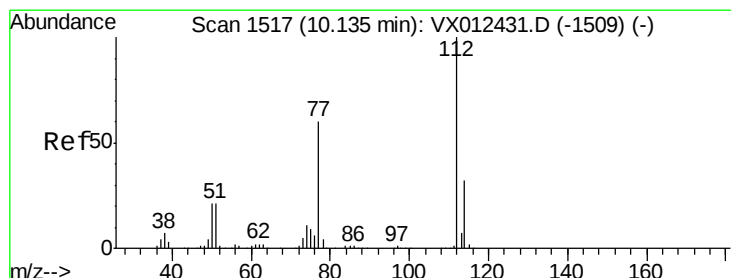
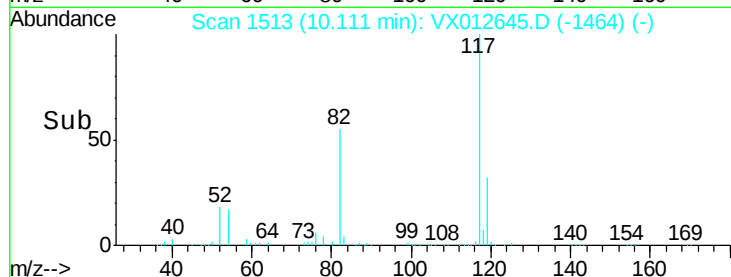
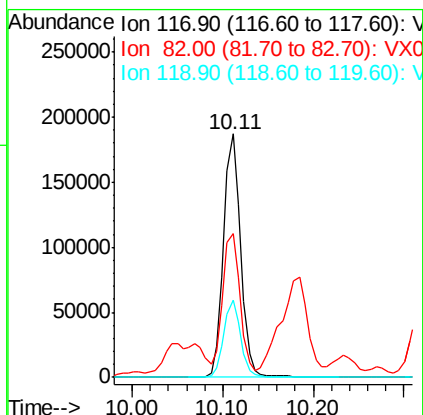
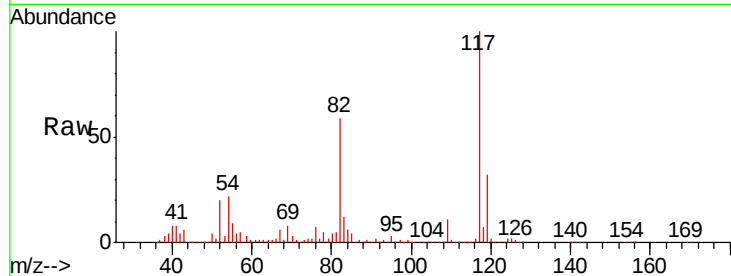




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

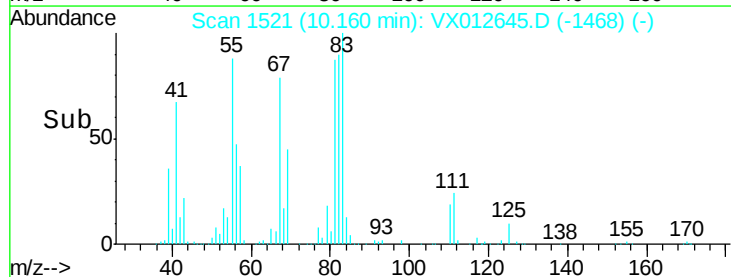
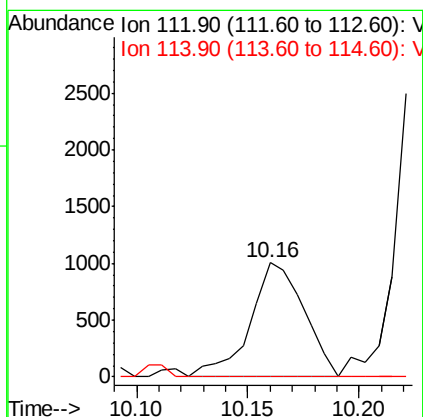
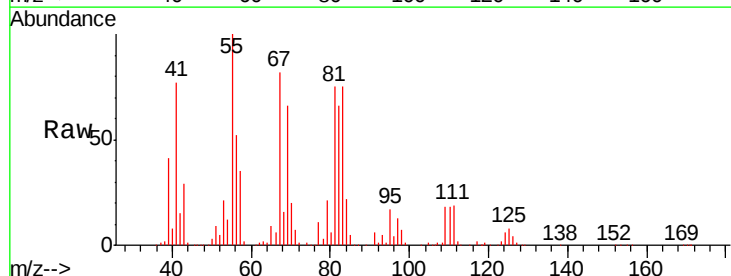
Instrument :
MSVOA_X
ClientSampleId :
SB-9

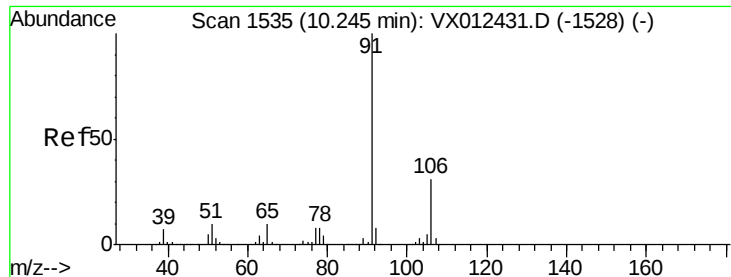
Tgt Ion:117 Resp: 247708
Ion Ratio Lower Upper
117 100
82 51.7 45.9 68.9
119 31.9 25.3 37.9



#65
Chlorobenzene
Concen: 0.324 ug/l
RT: 10.16 min Scan# 1521
Delta R.T. 0.02 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

Tgt Ion:112 Resp: 1689
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#





#67

Ethyl Benzene

Concen: 0.230 ug/l

RT: 10.27 min Scan# 1539

Delta R.T. 0.02 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

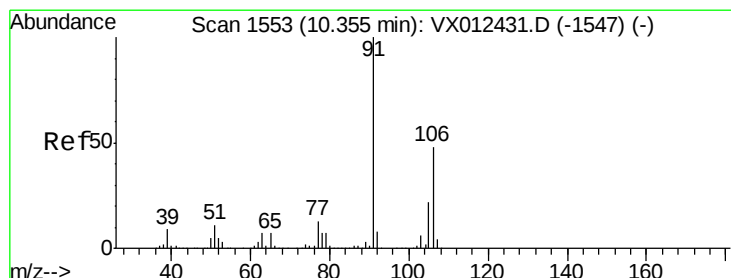
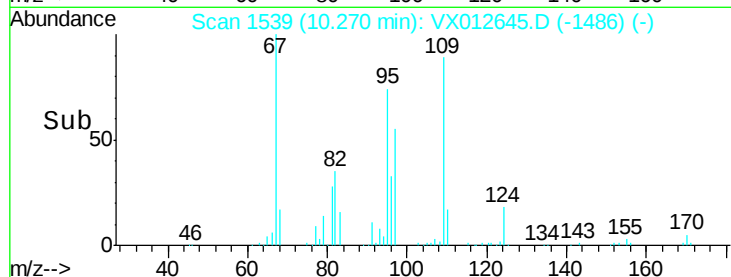
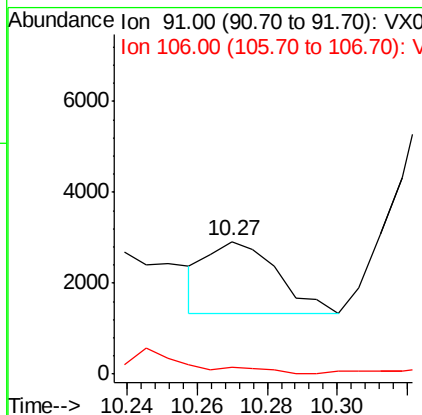
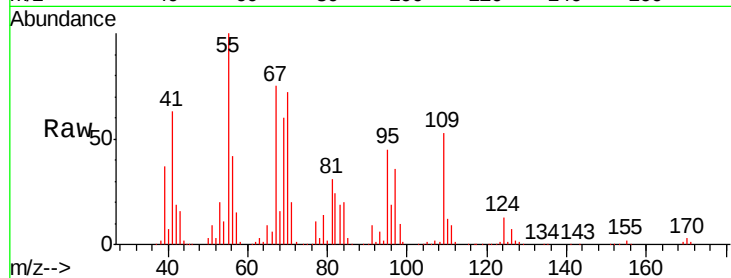
SB-9

Tgt Ion: 91 Resp: 2174

Ion Ratio Lower Upper

91 100

106 5.9 24.6 37.0#



#68

m/p-Xylenes

Concen: 0.268 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012645.D

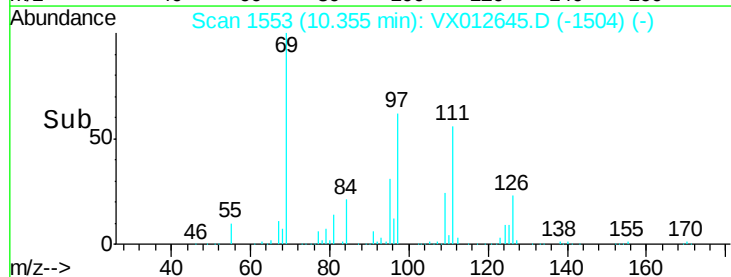
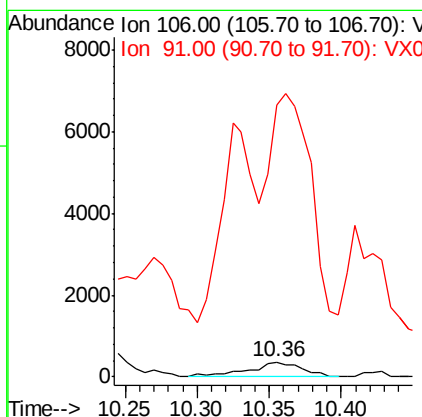
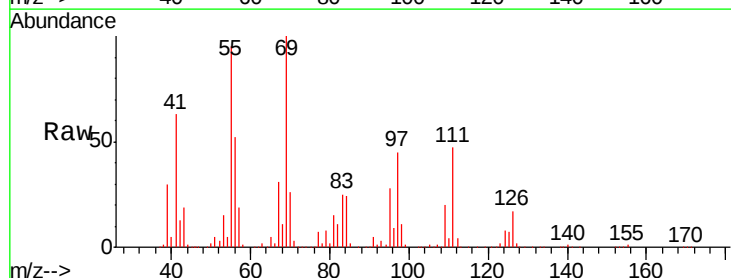
Acq: 24 Sep 2019 20:01

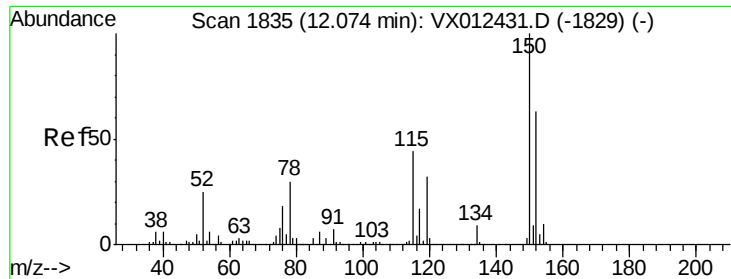
Tgt Ion: 106 Resp: 950

Ion Ratio Lower Upper

106 100

91 1110.3 166.6 250.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

SB-9

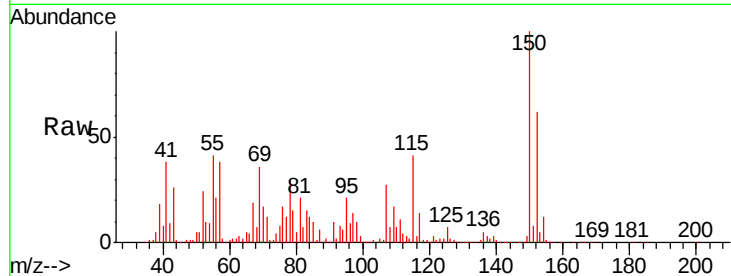
Tgt Ion:152 Resp: 112022

Ion Ratio Lower Upper

152 100

115 64.6 44.1 132.3

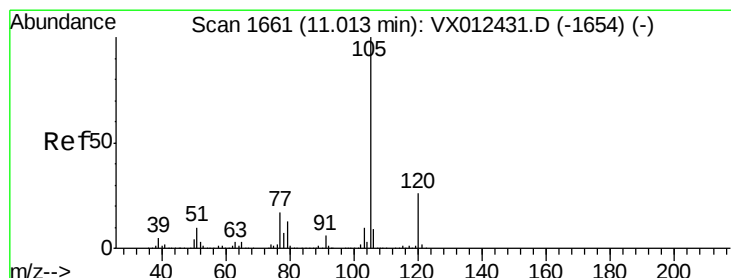
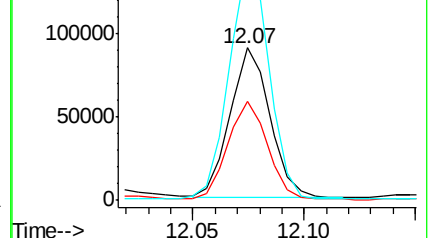
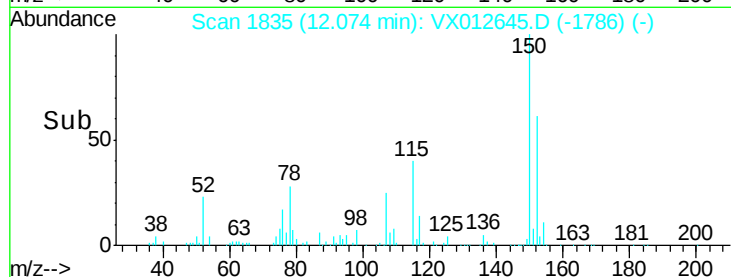
150 158.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 34.595 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012645.D

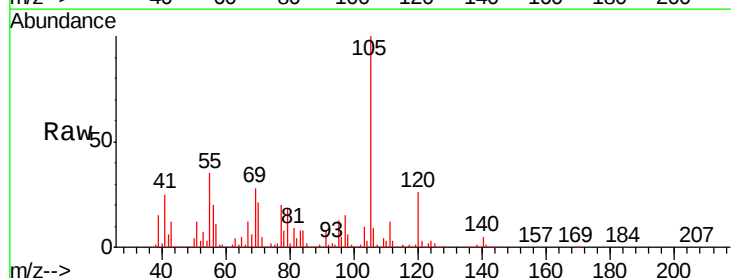
Acq: 24 Sep 2019 20:01

Tgt Ion:105 Resp: 315642

Ion Ratio Lower Upper

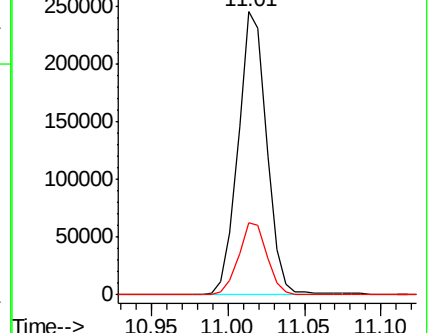
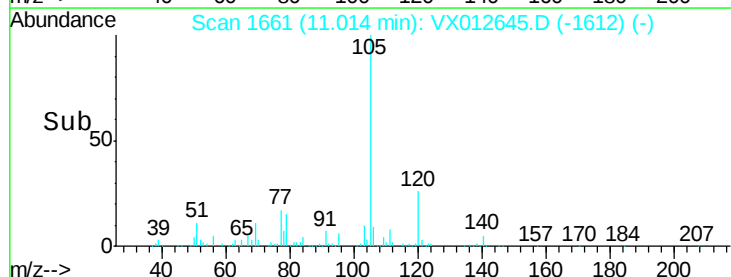
105 100

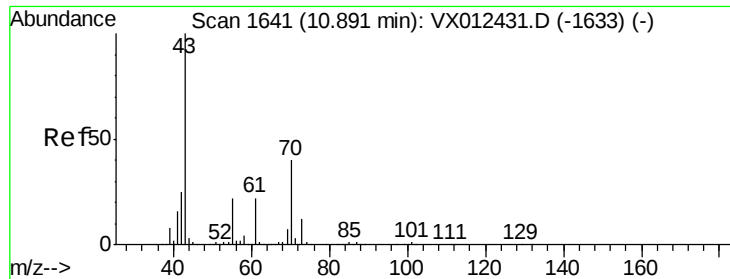
120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 51.592 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

SB-9

Tgt Ion: 43 Resp: 224566

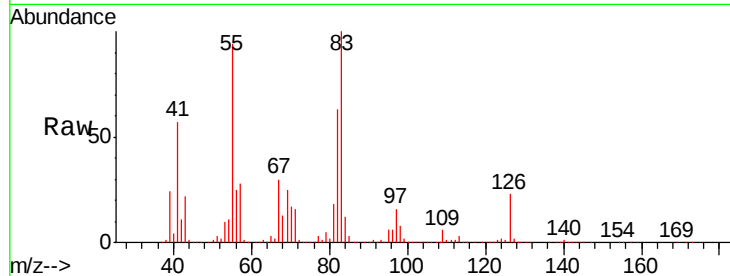
Ion Ratio Lower Upper

43 100

70 106.0 32.4 48.6#

55 445.4 18.2 27.4#

61 0.2 18.5 27.7#

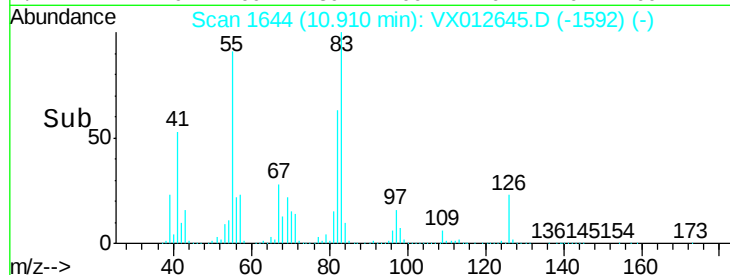


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

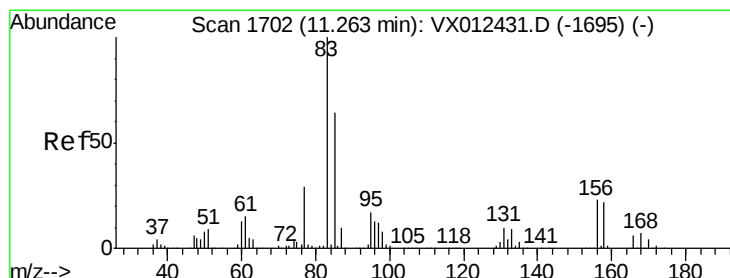
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->

10.85 10.90 10.95



#75

1,1,2,2-Tetrachloroethane

Concen: 60.641 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

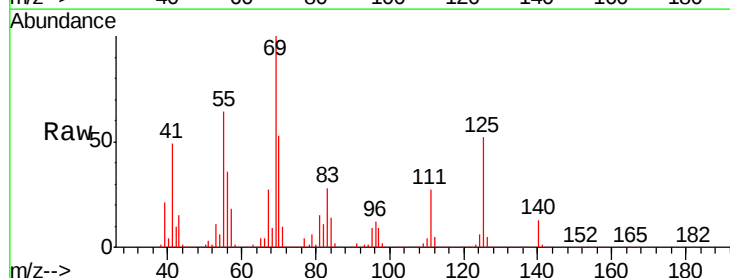
Tgt Ion: 83 Resp: 183239

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

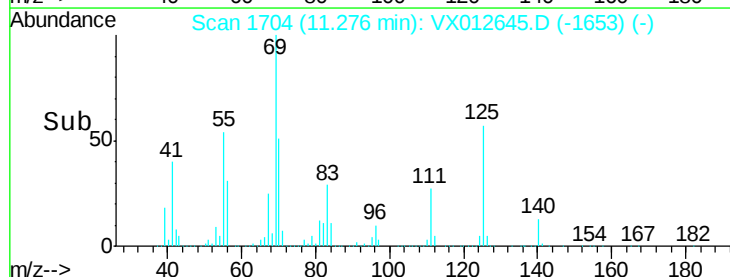
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

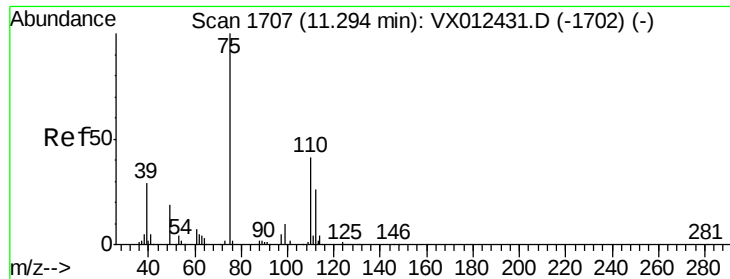
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->

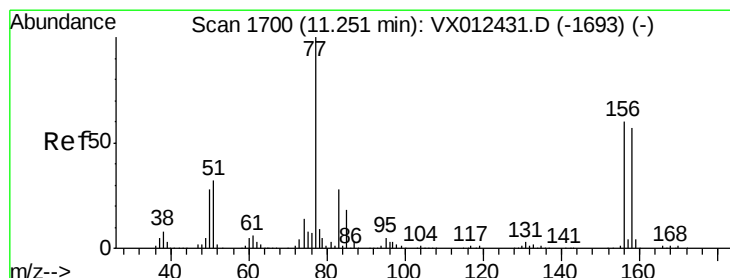
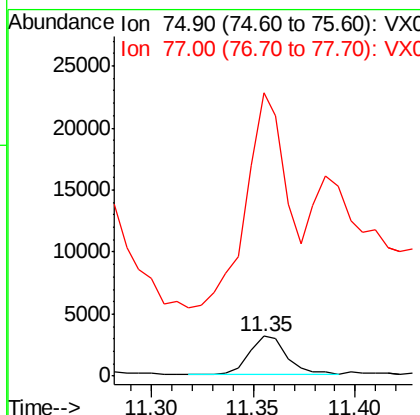
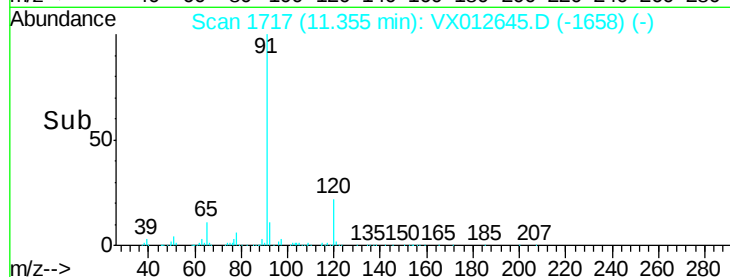
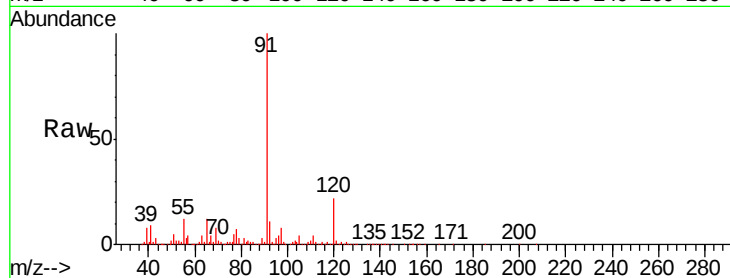
11.20 11.25 11.30



#76
 1,2,3-Trichloropropane
 Concen: 1.309 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.06 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

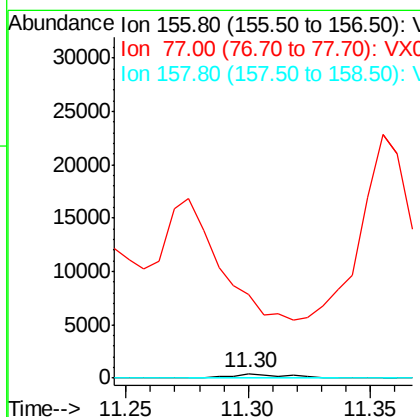
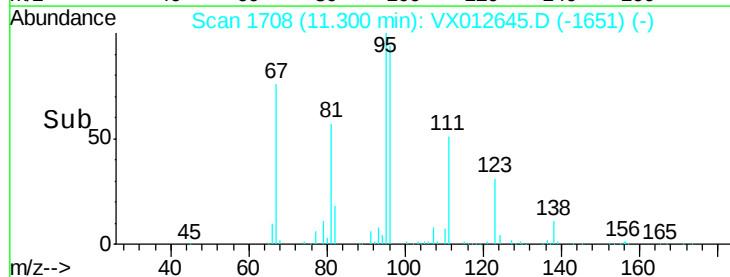
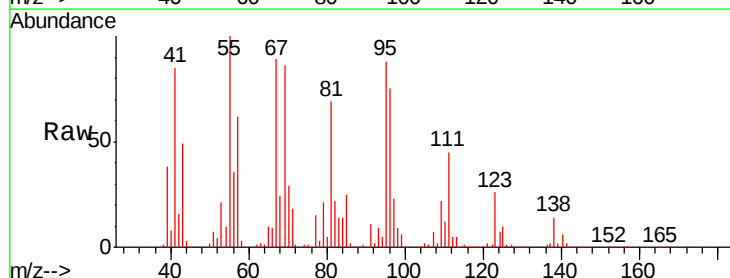
Instrument :
 MSVOA_X
 ClientSampled :
 SB-9

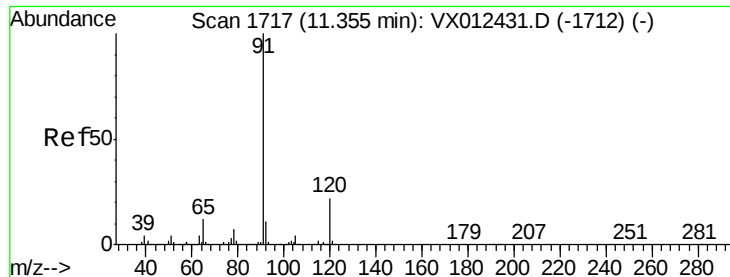
Tgt Ion: 75 Resp: 3880
 Ion Ratio Lower Upper
 75 100
 77 625.4 19.7 59.0#



#77
 Bromobenzene
 Concen: 0.298 ug/l
 RT: 11.30 min Scan# 1708
 Delta R.T. 0.05 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Tgt Ion: 156 Resp: 615
 Ion Ratio Lower Upper
 156 100
 77 0.0 87.3 261.8#
 158 0.0 48.5 145.6#





#78

n-propylbenzene

Concen: 58.781 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

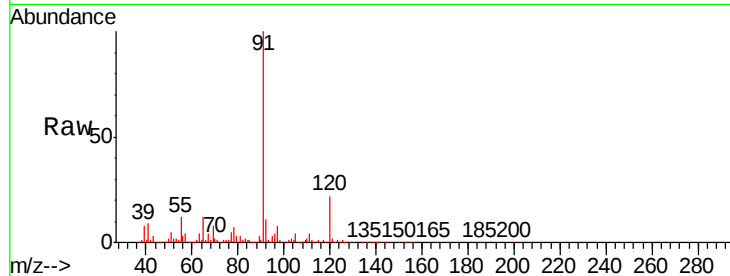
SB-9

Tgt Ion: 91 Resp: 603793

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

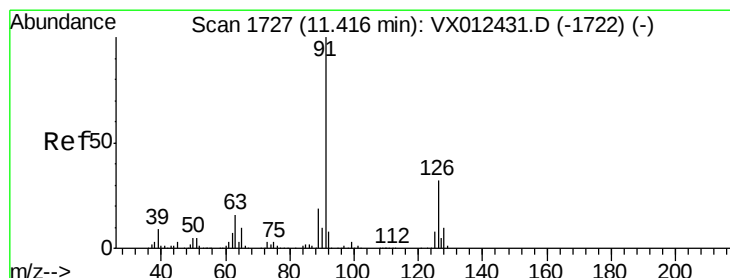
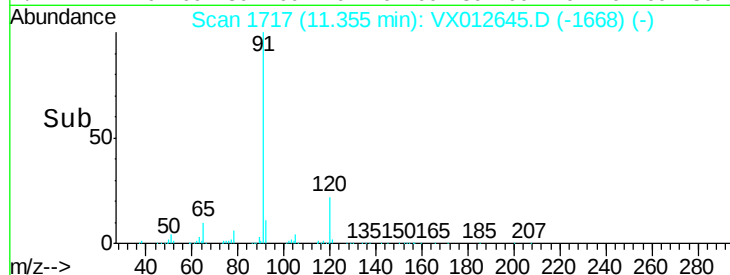
100000

0

11.30

11.40

Time-->



#79

2-Chlorotoluene

Concen: 94.228 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX012645.D

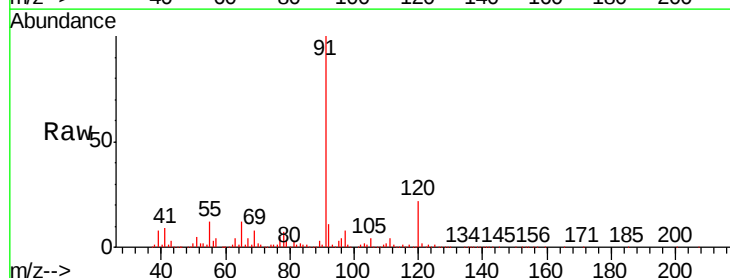
Acq: 24 Sep 2019 20:01

Tgt Ion: 91 Resp: 603793

Ion Ratio Lower Upper

91 100

126 0.3 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

200000

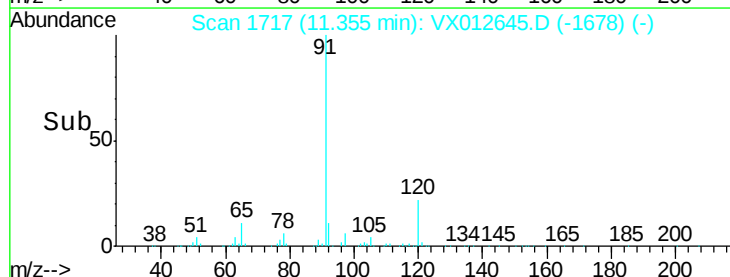
100000

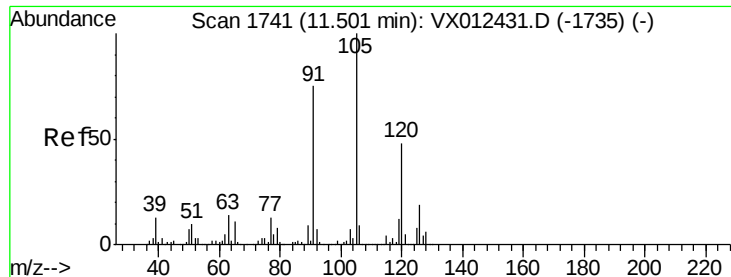
0

11.30

11.40

Time-->

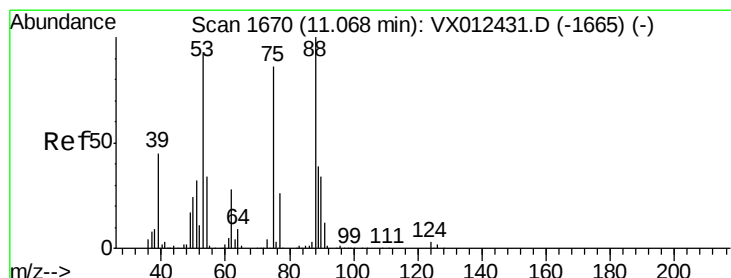
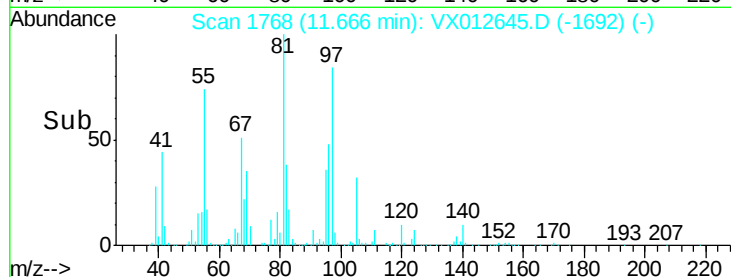
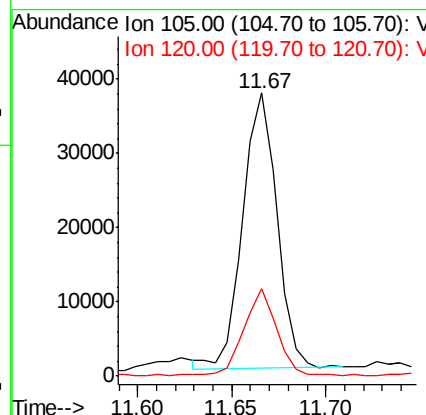
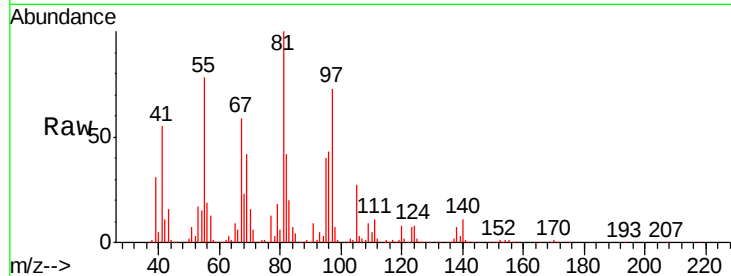




#80
 1,3,5-Trimethylbenzene
 Concen: 6.129 ug/l
 RT: 11.67 min Scan# 1768
 Delta R.T. 0.16 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

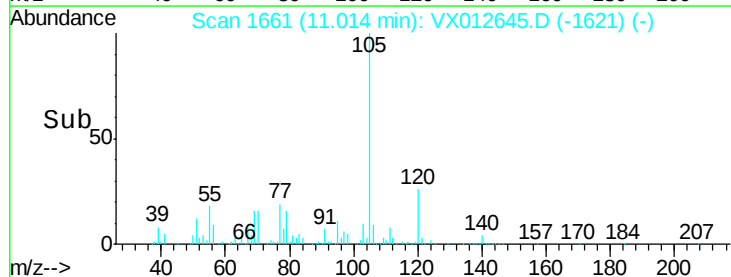
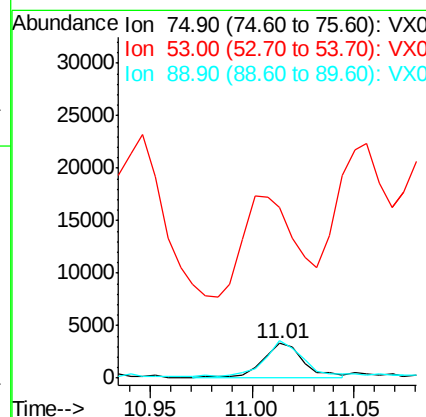
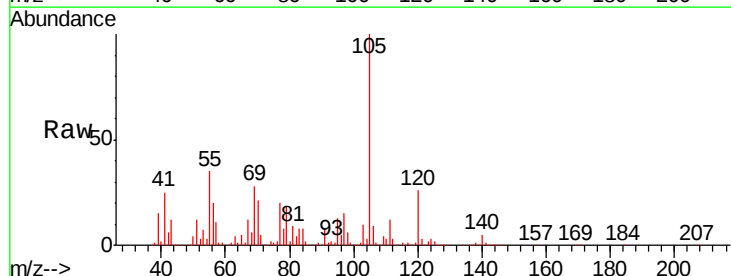
Instrument :
 MSVOA_X
 ClientSampled :
 SB-9

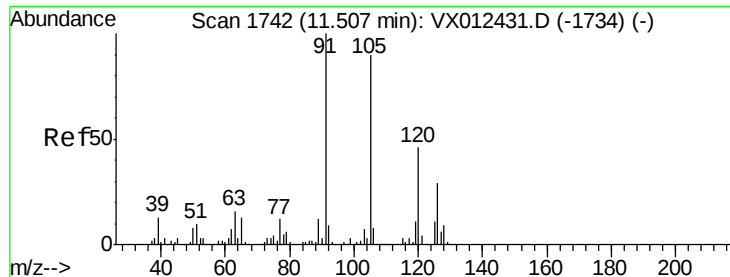
Tgt Ion: 105 Resp: 46891
 Ion Ratio Lower Upper
 105 100
 120 31.4 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.238 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.05 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Tgt Ion: 75 Resp: 4382
 Ion Ratio Lower Upper
 75 100
 53 392.1 83.6 125.4#
 89 113.0 36.3 54.5#

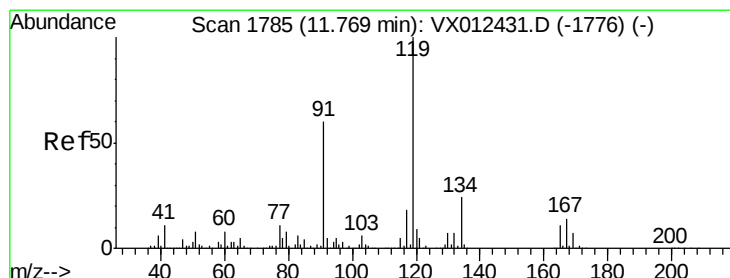
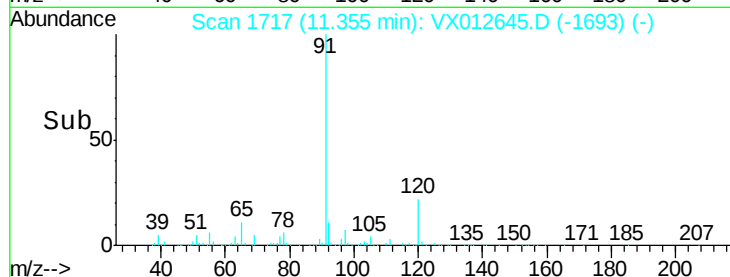
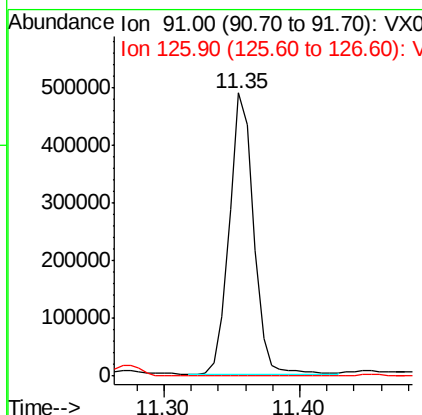
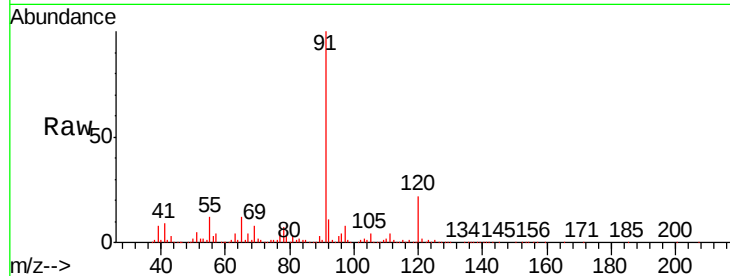




#82
4-Chlorotoluene
Concen: 82.660 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.15 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

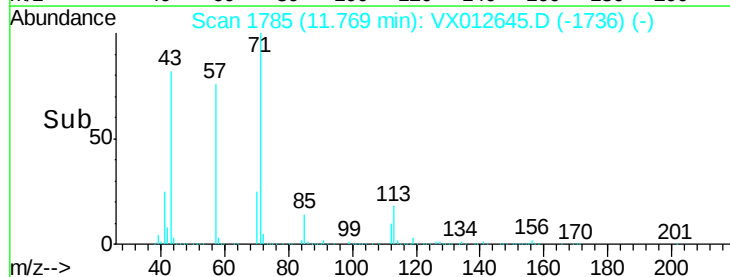
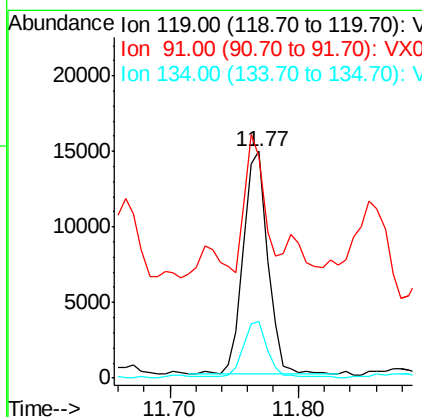
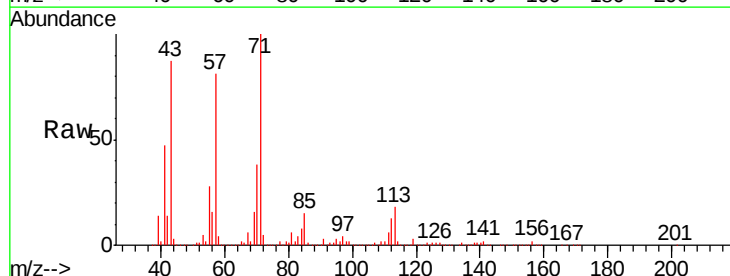
Instrument :
MSVOA_X
ClientSampled :
SB-9

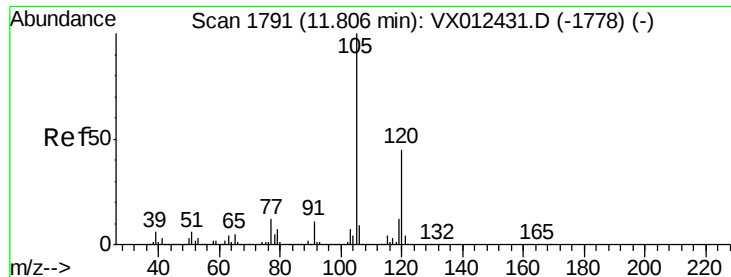
Tgt Ion: 91 Resp: 603793
Ion Ratio Lower Upper
91 100
126 0.3 14.4 43.0#



#83
tert-Butylbenzene
Concen: 2.641 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

Tgt Ion: 119 Resp: 19494
Ion Ratio Lower Upper
119 100
91 47.5 30.0 90.0
134 25.9 11.3 33.9

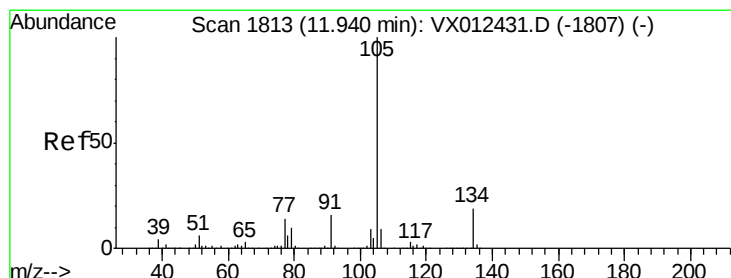
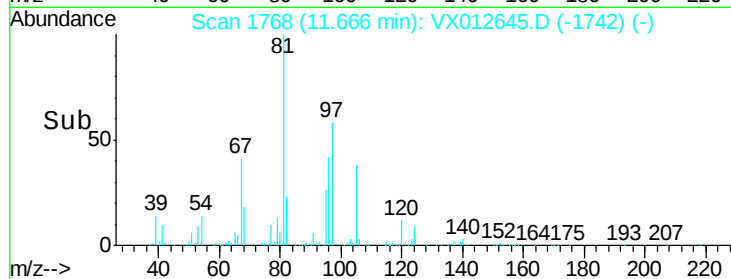
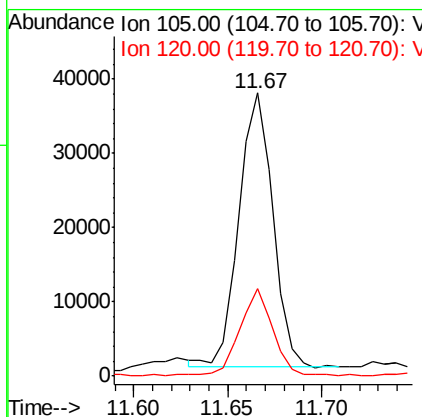
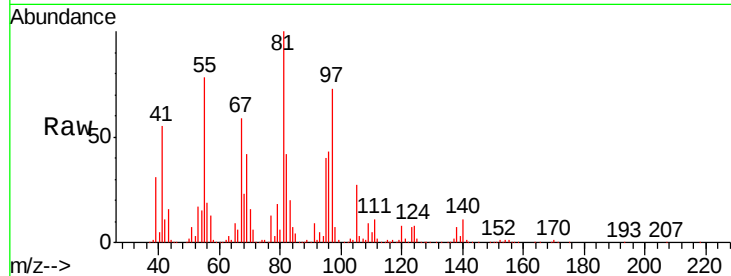




#84
 1,2,4-Trimethylbenzene
 Concen: 5.988 ug/l
 RT: 11.67 min Scan# 1768
 Delta R.T. -0.14 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

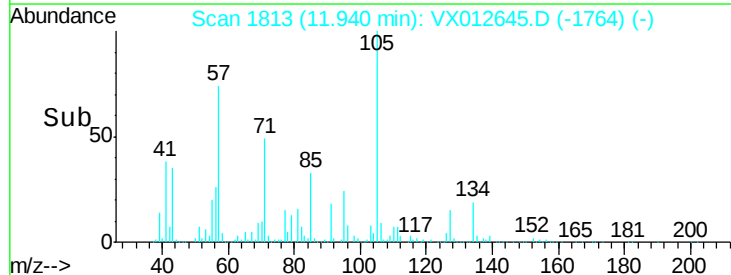
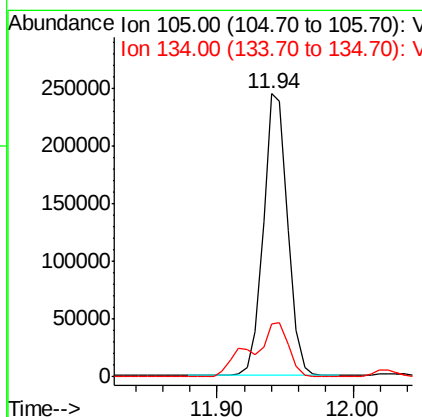
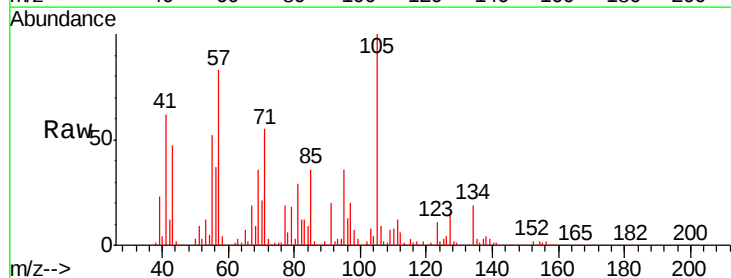
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

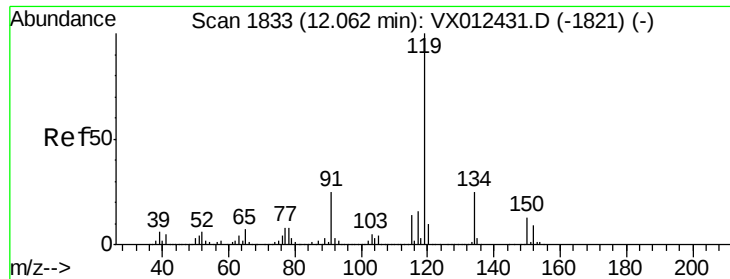
Tgt Ion:105 Resp: 46216
 Ion Ratio Lower Upper
 105 100
 120 31.9 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 35.860 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Tgt Ion:105 Resp: 307831
 Ion Ratio Lower Upper
 105 100
 134 29.0 9.8 29.4

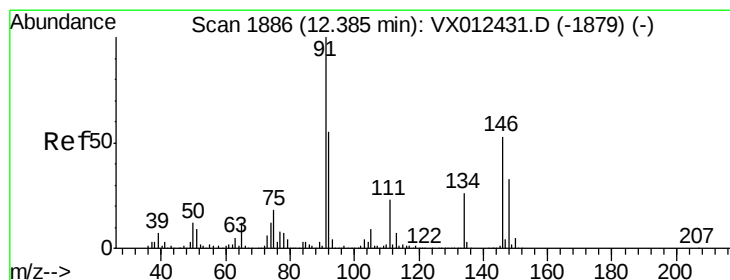
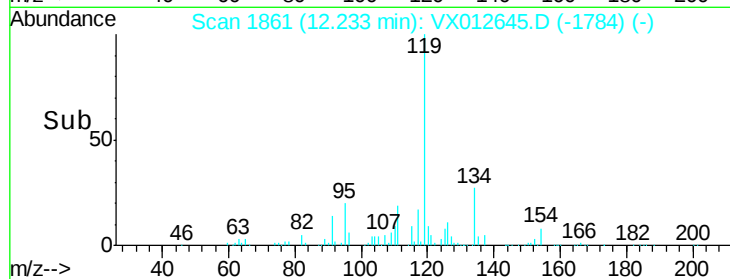
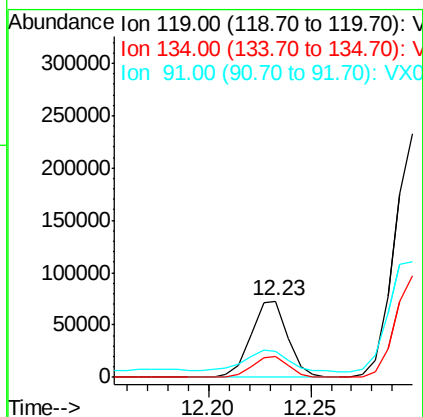
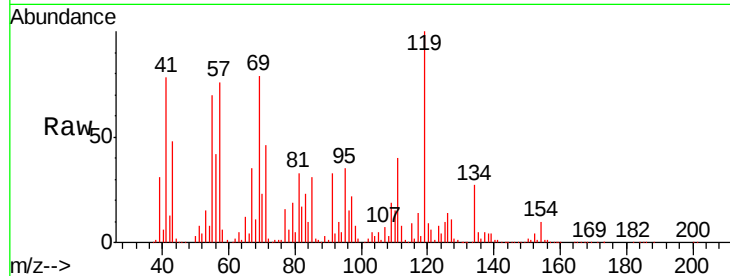




#86
p-Isopropyltoluene
Concen: 11.650 ug/l
RT: 12.23 min Scan# 1861
Delta R.T. 0.17 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

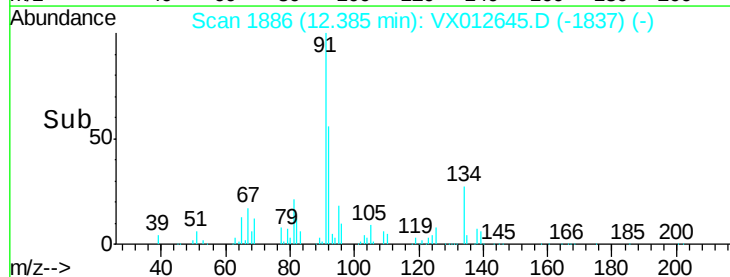
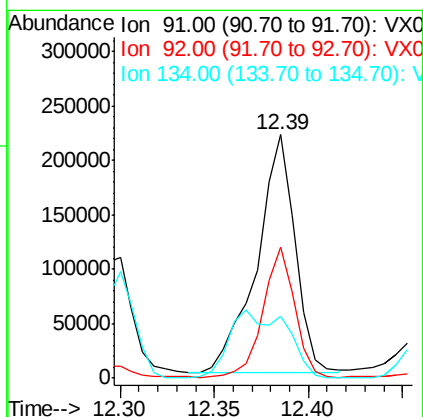
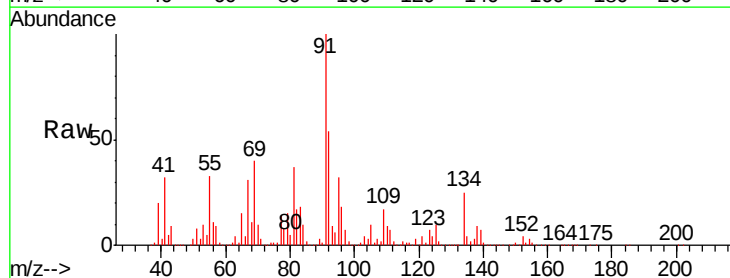
Instrument :
MSVOA_X
ClientSampleId :
SB-9

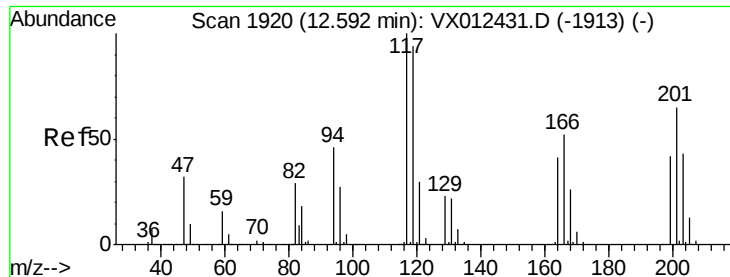
Tgt Ion: 119 Resp: 90236
Ion Ratio Lower Upper
119 100
134 27.1 12.7 38.1
91 33.3 12.8 38.4



#89
n-Butylbenzene
Concen: 44.731 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012645.D
Acq: 24 Sep 2019 20:01

Tgt Ion: 91 Resp: 305312
Ion Ratio Lower Upper
91 100
92 45.3 27.7 83.0
134 42.5 12.9 38.6#





#90

Hexachloroethane

Concen: 64.426 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

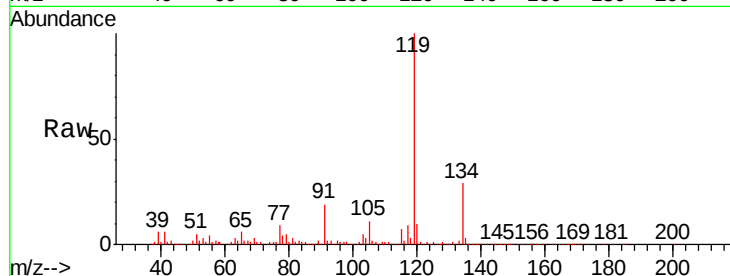
SB-9

Tgt Ion: 117 Resp: 88968

Ion Ratio Lower Upper

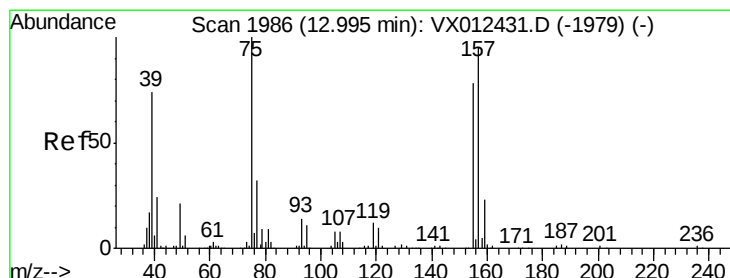
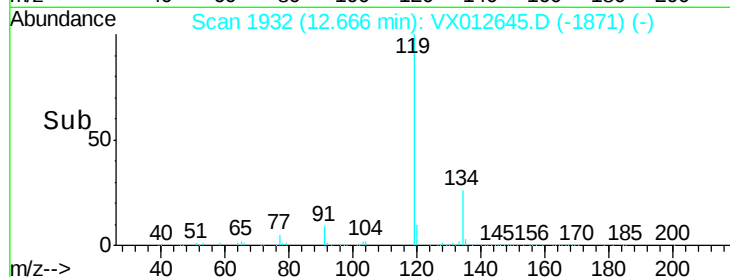
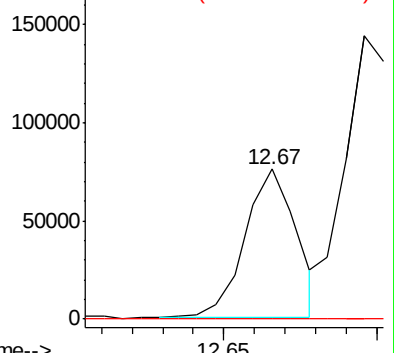
117 100

201 0.1 33.3 99.8#



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: 6.051 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

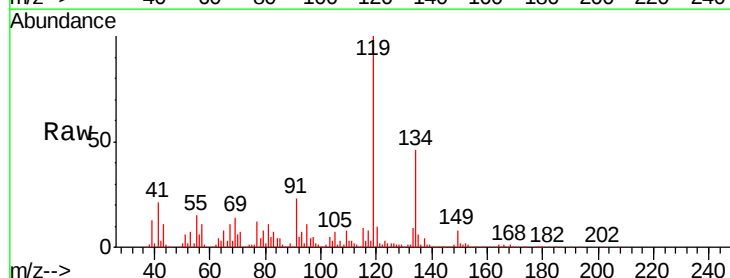
Tgt Ion: 75 Resp: 4574

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

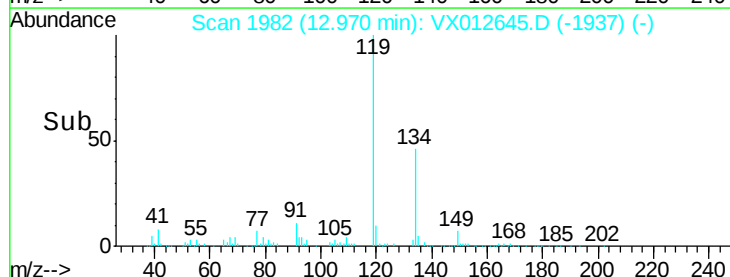
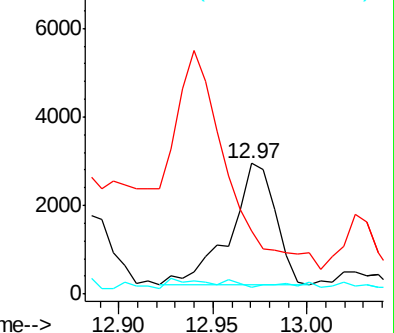
157 0.0 50.6 151.9#

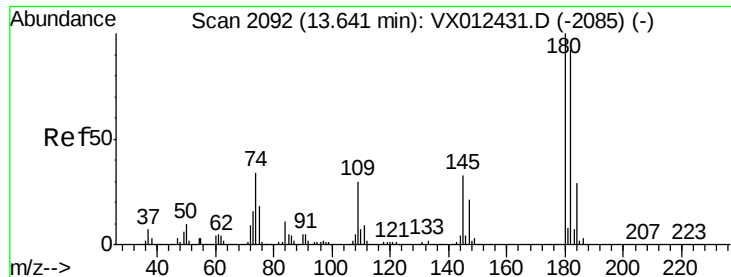


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.301 ug/l

RT: 13.65 min Scan# 2093

Delta R.T. 0.01 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

Instrument :

MSVOA_X

ClientSampled :

SB-9

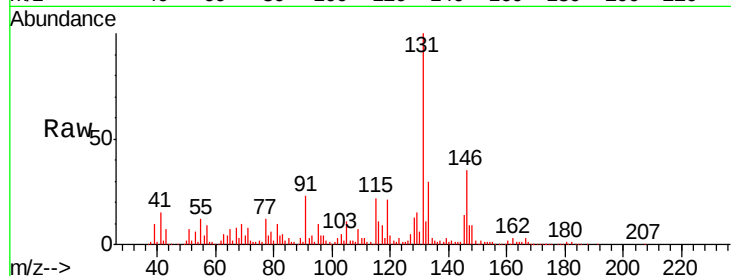
Tgt Ion:180 Resp: 683

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.0#

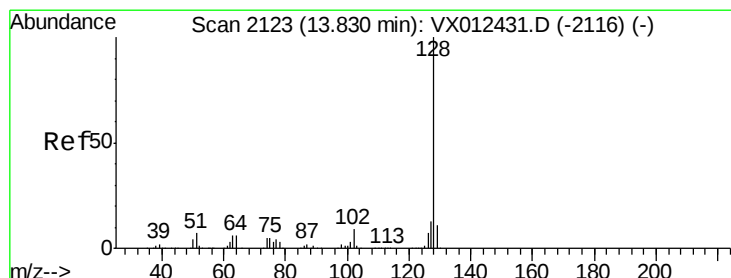
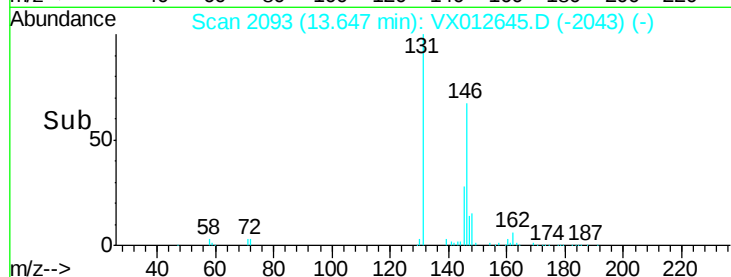
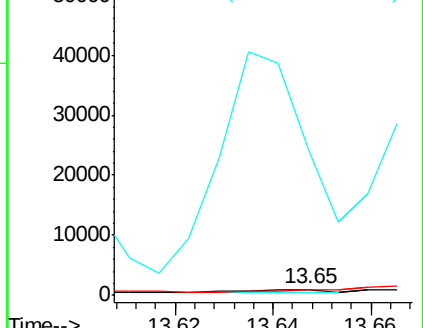
145 7684.3 16.8 50.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 1.686 ug/l

RT: 13.81 min Scan# 2119

Delta R.T. -0.02 min

Lab File: VX012645.D

Acq: 24 Sep 2019 20:01

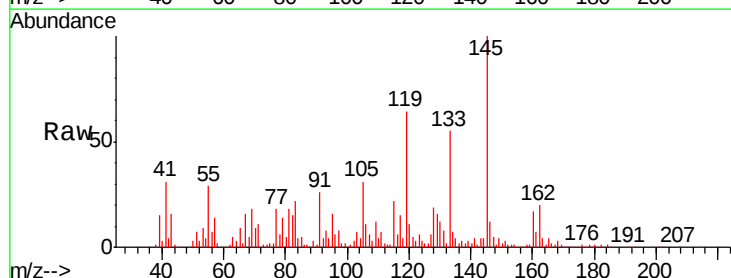
Tgt Ion:128 Resp: 13842

Ion Ratio Lower Upper

128 100

127 26.3 10.2 15.4#

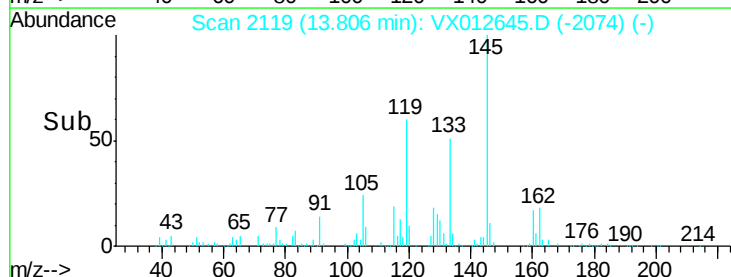
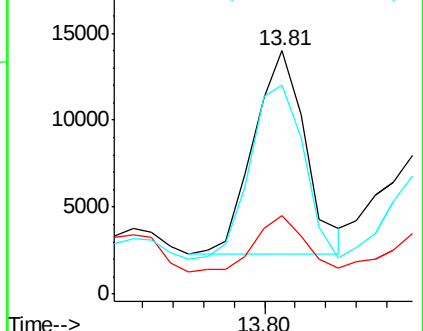
129 88.3 8.8 13.2#

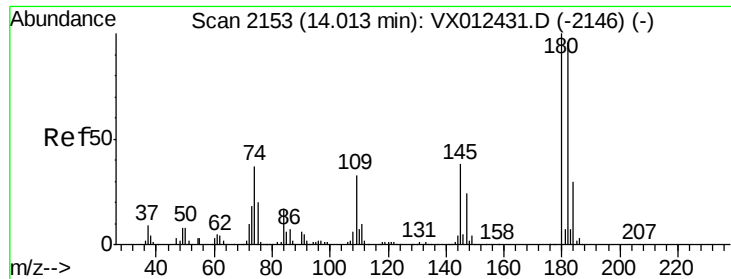


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.004 ug/l
 RT: 14.04 min Scan# 2157
 Delta R.T. 0.02 min
 Lab File: VX012645.D
 Acq: 24 Sep 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

Tgt Ion:180 Resp: 2283
 Ion Ratio Lower Upper
 180 100
 182 28.6 47.1 141.3#
 145 4887.2 18.0 54.0#

