

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013584.D
 Acq On : 25 Nov 2019 16:23
 Operator : JC/SP
 Sample : K5959-09
 Misc : 3.32G/10ML/100UL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-112019-0-1-GRAB-B2ME

Quant Time: Nov 26 03:14:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	626291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1007512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	912181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480038	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	366229	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
35) Dibromofluoromethane	5.49	113	292856	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
50) Toluene-d8	8.71	98	1212862	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	431742	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	3243	0.522	ug/l #	77
6) Chloroethane	1.65	64	836	Below Cal	#	43
10) Methyl Iodide	2.48	142	4112	0.566	ug/l #	95
11) Tert butyl alcohol	3.01	59	2949	1.508	ug/l #	87
13) Acrolein	2.30	56	490	0.462	ug/l #	32
14) Allyl chloride	2.73	41	2354	0.226	ug/l #	77
17) Carbon Disulfide	2.53	76	3902	0.254	ug/l #	86
20) Methylene Chloride	2.84	84	2602	0.381	ug/l #	61
21) trans-1,2-Dichloroethene	3.14	96	1633	0.261	ug/l #	77
28) Bromochloromethane	5.00	49	994	0.311	ug/l #	35
29) Tetrahydrofuran	5.12	42	1072	0.320	ug/l #	82
31) Cyclohexane	5.64	56	11522	1.136	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	42282	4.892	ug/l #	51
38) Carbon Tetrachloride	5.65	117	53605	6.342	ug/l #	16
39) Methylcyclohexane	7.45	83	2525	0.234	ug/l	86
40) Benzene	6.13	78	10784	0.401	ug/l #	78
49) 1,4-Dioxane	7.73	88	401	2.109	ug/l #	15
52) Toluene	8.78	92	17948	1.076	ug/l	92
56) Ethyl methacrylate	9.18	69	221	1.581	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	1220	0.258	ug/l #	65
67) Ethyl Benzene	10.25	91	26374	0.827	ug/l	95
68) m/p-Xylenes	10.36	106	45484	3.773	ug/l	94
69) o-Xylene	10.70	106	29577	2.506	ug/l	96
70) Styrene	10.71	104	9446	0.479	ug/l #	56
71) Bromoform	10.84	173	273	3.243	ug/l #	28
73) Isopropylbenzene	11.01	105	17883	0.562	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	209304	21.467	ug/l #	34
78) n-propylbenzene	11.35	91	10569	0.298	ug/l	99
79) 2-Chlorotoluene	11.43	91	16784	0.786	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.50	105	138570	5.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	209304	55.255	ug/l #	9
82) 4-Chlorotoluene	11.50	91	15030	0.601	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.81	105	256165	9.633	ug/l	97
85) sec-Butylbenzene	11.81	105	256165	8.352	ug/l #	56

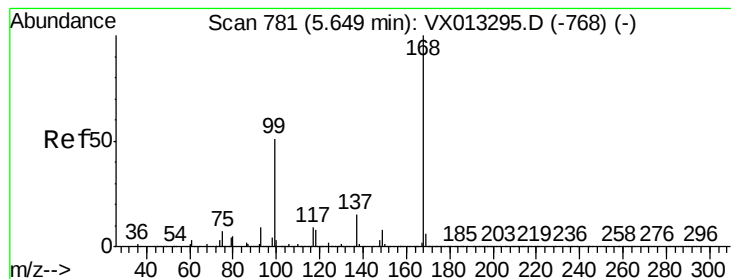
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	18642	0.660	ug/l	93
89) n-Butylbenzene	12.37	91	28510	1.157	ug/l #	1
90) Hexachloroethane	12.70	117	12981	2.580	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.01	75	7543	2.666	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.64	180	3596	0.341	ug/l #	61
94) Hexachlorobutadiene	13.78	225	1379	0.267	ug/l	73
95) Naphthalene	13.82	128	15845191	478.902	ug/l #	73
96) 1,2,3-Trichlorobenzene	14.02	180	2957	0.280	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: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

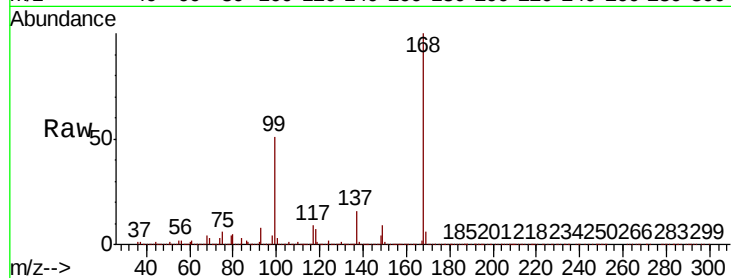
WS-112019-0-1-GRAB-B2ME

Tot Ion:168 Resp: 626291

Ion Ratio Lower Upper

168 100

99 50.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

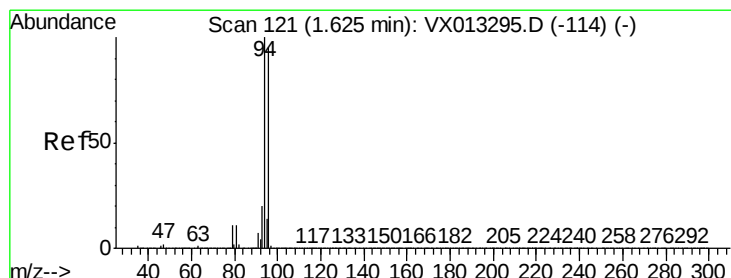
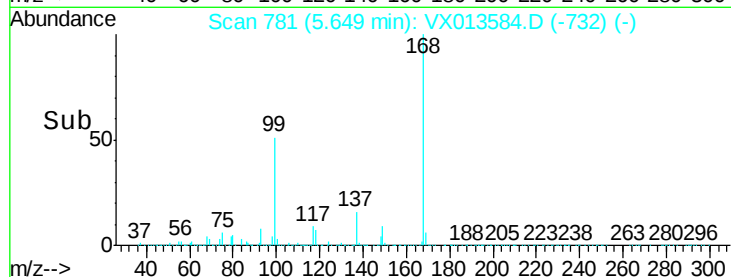
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.522 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013584.D

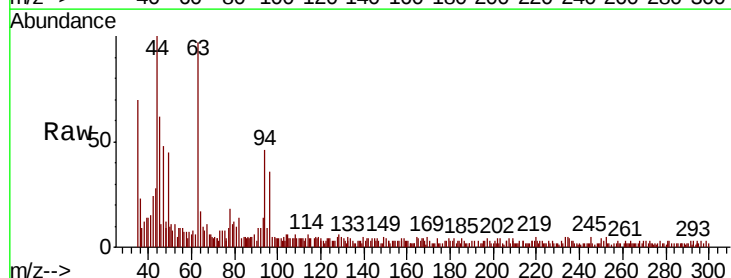
Acq: 25 Nov 2019 16:23

Tgt Ion: 94 Resp: 3243

Ion Ratio Lower Upper

94 100

96 72.3 75.8 113.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

4000

3000

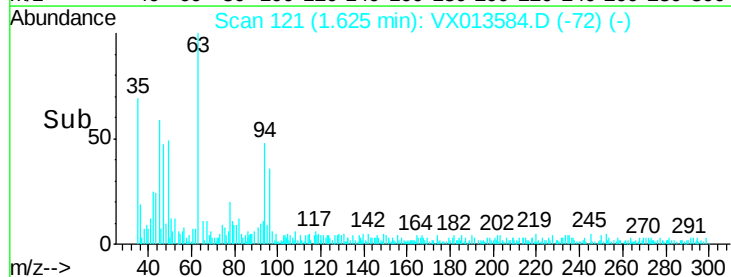
2000

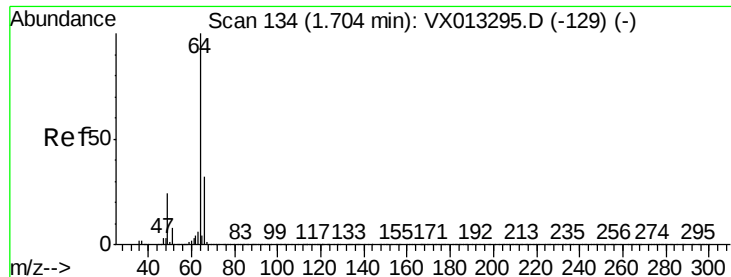
1000

0

Time-->

1.60 1.65





#6

Chloroethane

Concen: Below Cal

RT: 1.65 min Scan# 125

Delta R.T. -0.05 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

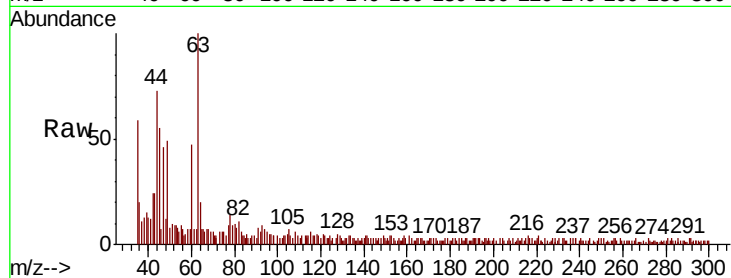
WS-112019-0-1-GRAB-B2ME

Tot Ion: 64 Resp: 836

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.65

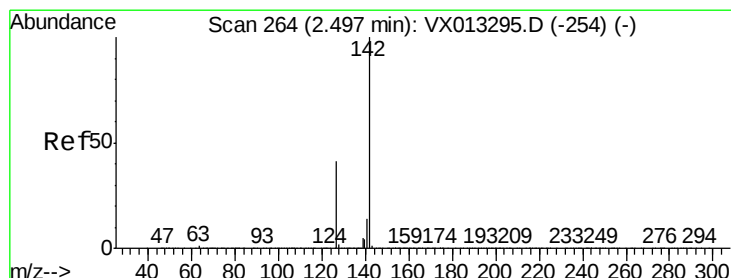
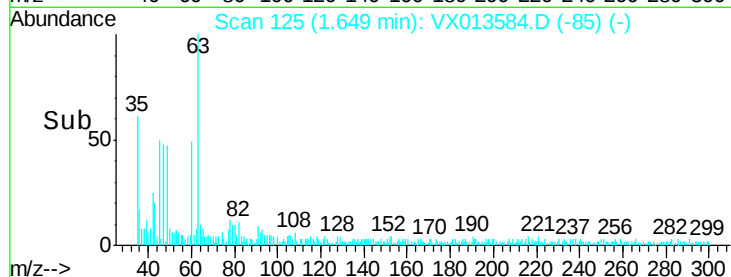
1500

1000

500

0

Time--> 1.62 1.64 1.66 1.68



#10

Methyl Iodide

Concen: 0.566 ug/l

RT: 2.48 min Scan# 261

Delta R.T. -0.02 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

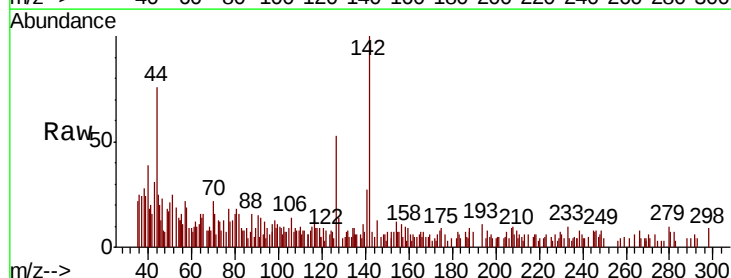
Tgt Ion: 142 Resp: 4112

Ion Ratio Lower Upper

142 100

127 40.2 32.6 49.0

141 20.4 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.48

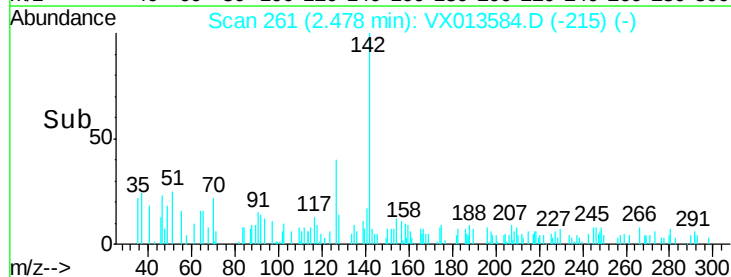
1500

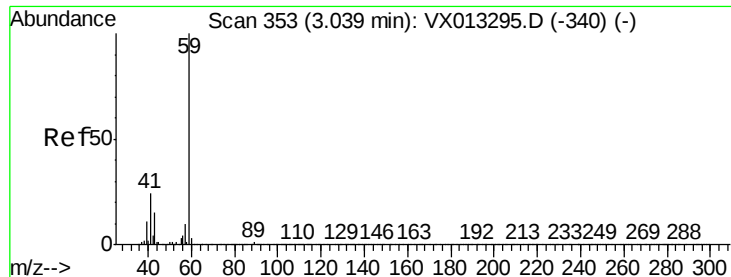
1000

500

0

Time--> 2.45 2.50 2.55



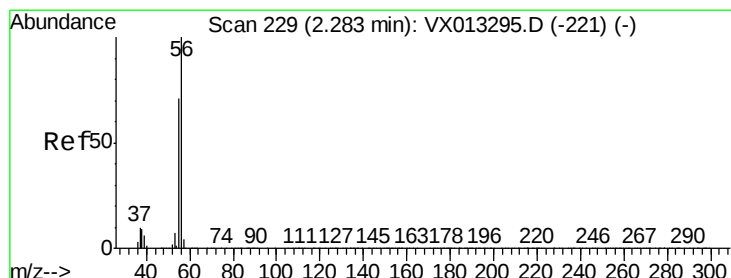
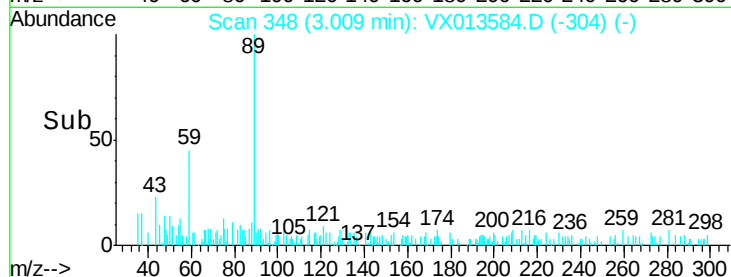
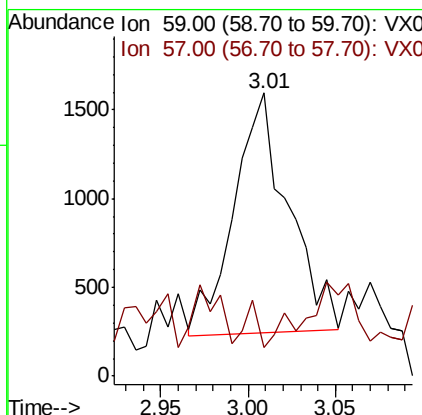
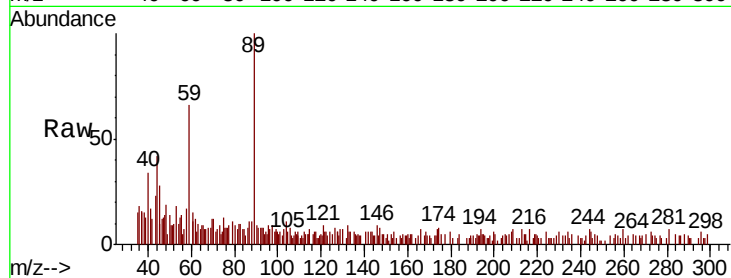


#11

Tert butyl alcohol
 Concen: 1.508 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-112019-0-1-GRAB-B2ME

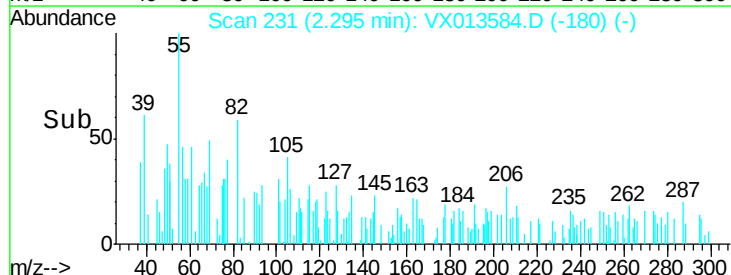
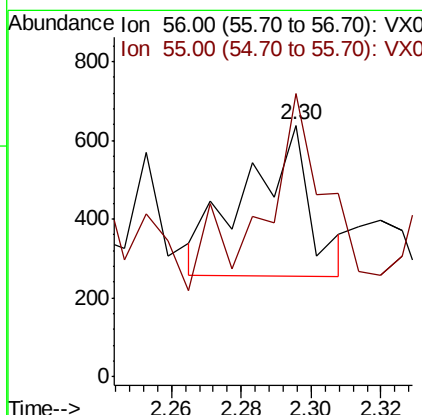
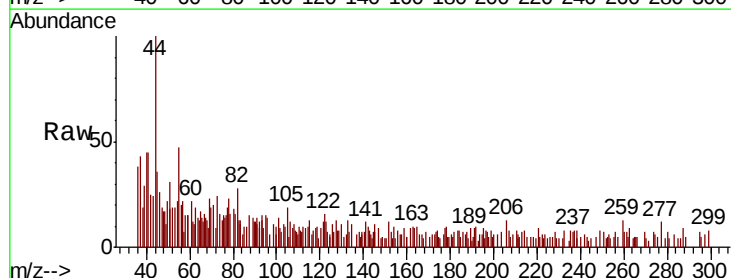
Tot Ion: 59 Resp: 2949
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.0 12.0#

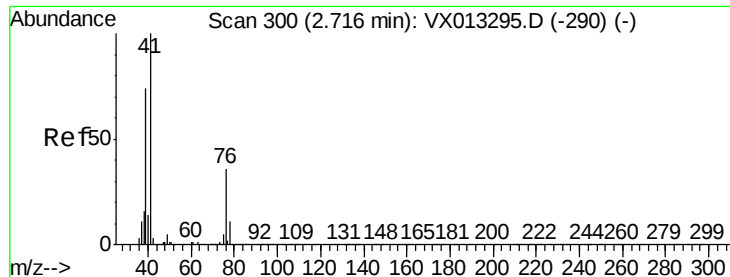


#13

Acrolein
 Concen: 0.462 ug/l
 RT: 2.30 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

Tgt Ion: 56 Resp: 490
 Ion Ratio Lower Upper
 56 100
 55 128.4 57.4 86.0#





#14

Allvl chloride

Concen: 0.226 ug/l

RT: 2.73 min Scan# 303

Delta R.T. 0.02 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

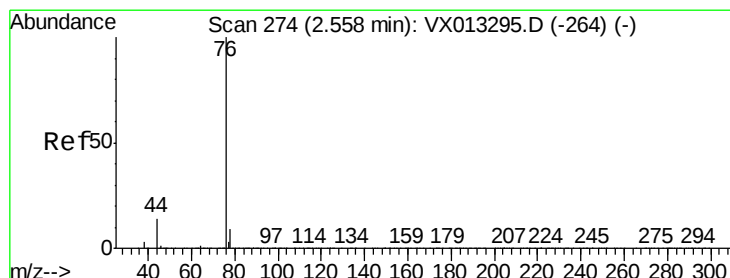
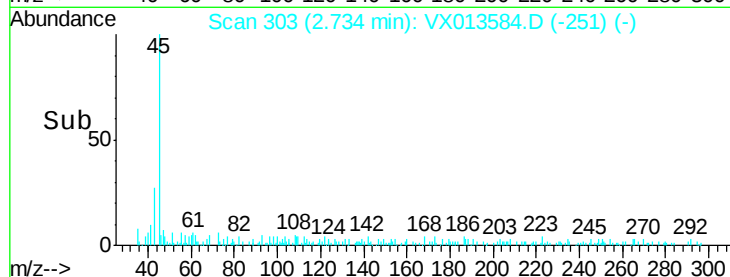
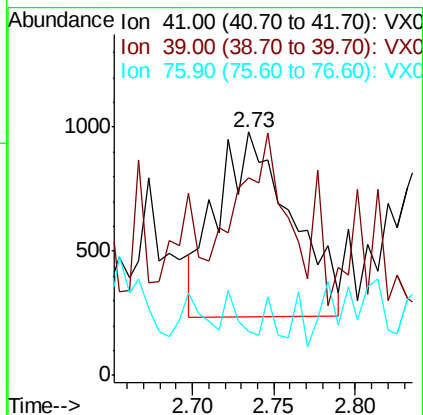
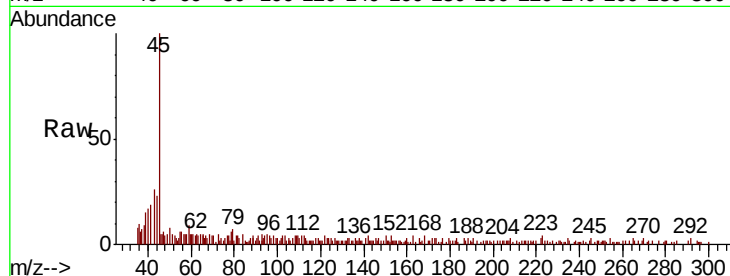
Tot Ion: 41 Resp: 2354

Ion Ratio Lower Upper

41 100

39 64.7 55.8 83.8

76 0.0 26.4 39.6#



#17

Carbon Disulfide

Concen: 0.254 ug/l

RT: 2.53 min Scan# 270

Delta R.T. -0.02 min

Lab File: VX013584.D

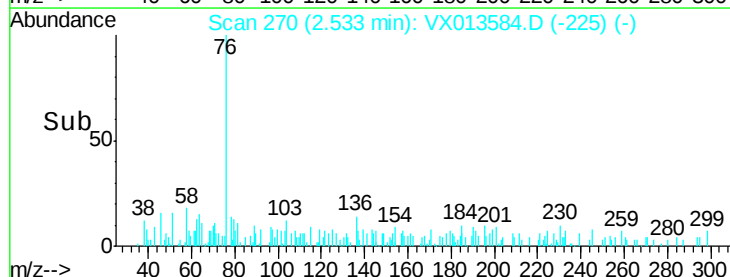
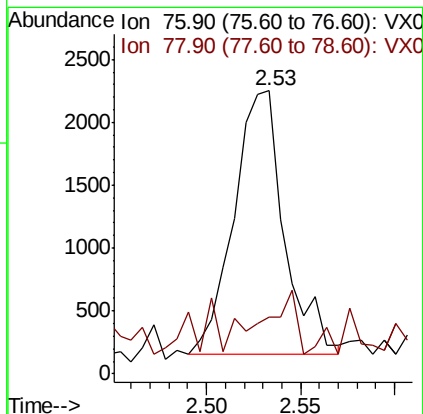
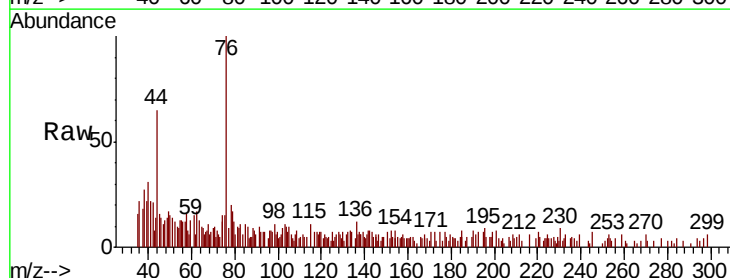
Acq: 25 Nov 2019 16:23

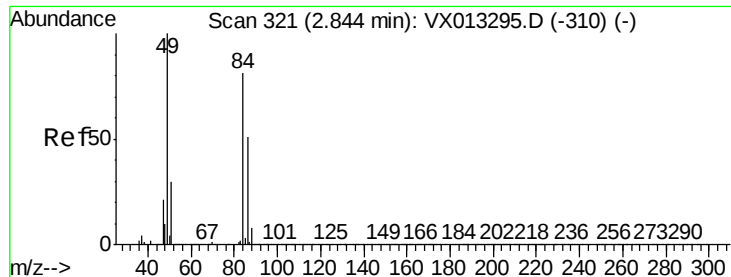
Tgt Ion: 76 Resp: 3902

Ion Ratio Lower Upper

76 100

78 13.9 7.0 10.6#

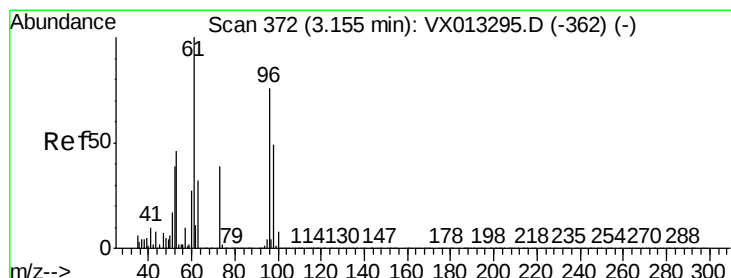
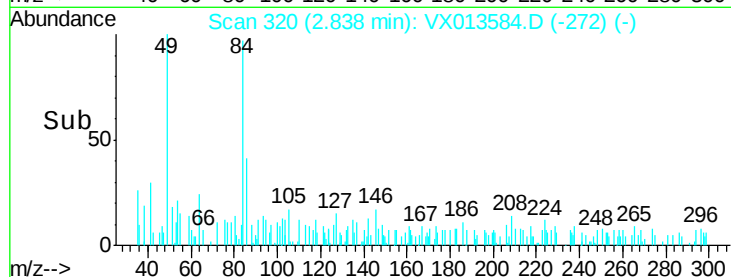
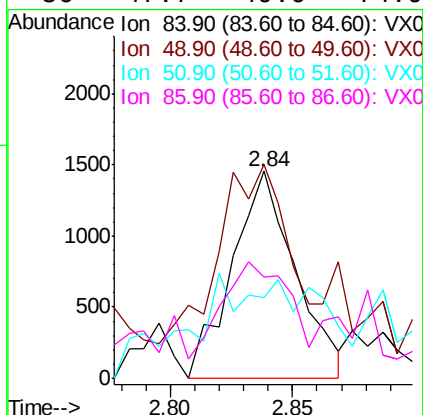
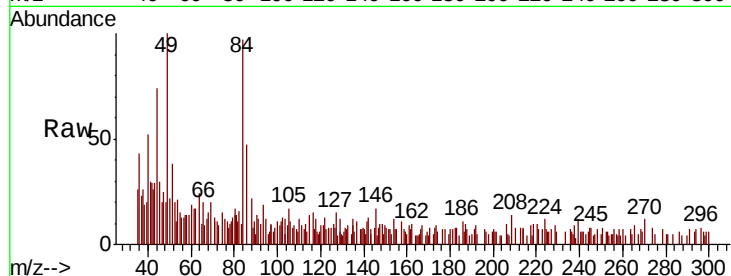




#20
Methvlene Chloride
Concen: 0.381 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

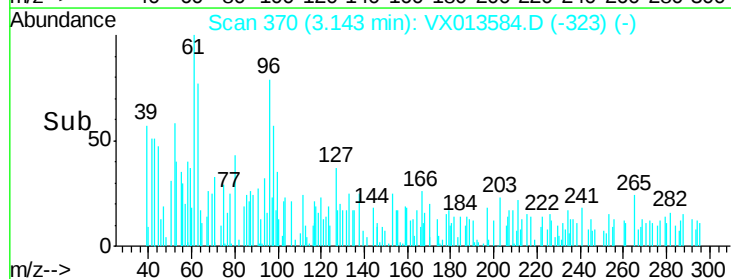
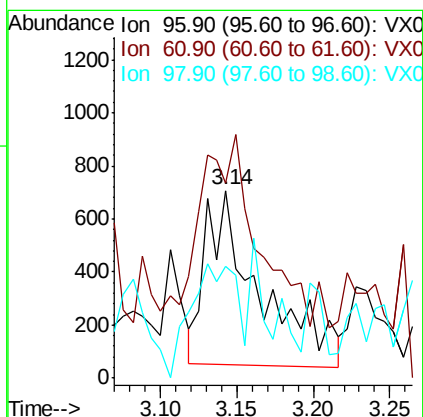
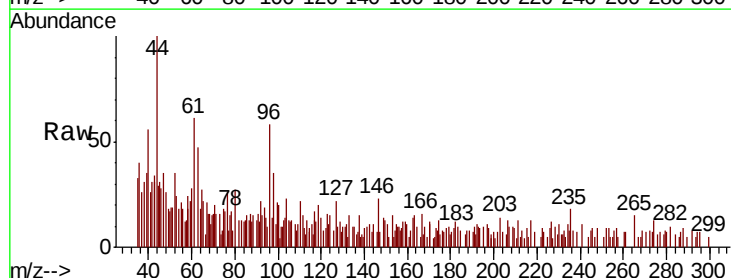
Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

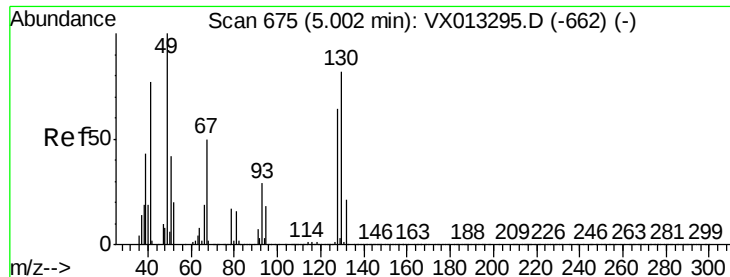
Tot Ion: 84 Resp: 2602
Ion Ratio Lower Upper
84 100
49 64.1 98.2 147.4#
51 18.4 29.9 44.9#
86 47.7 49.9 74.9#



#21
trans-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 3.14 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion: 96 Resp: 1633
Ion Ratio Lower Upper
96 100
61 95.1 105.8 158.6#
98 60.2 51.8 77.6





#28

Bromochloromethane

Concen: 0.311 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampled :

WS-112019-0-1-GRAB-B2ME

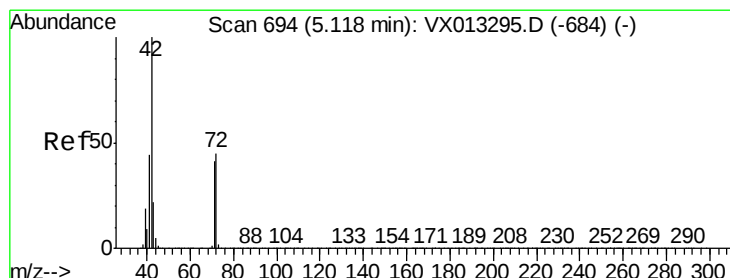
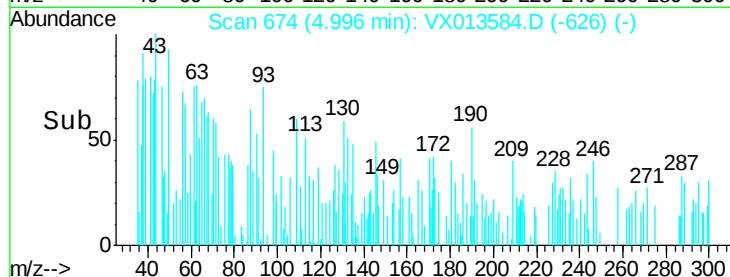
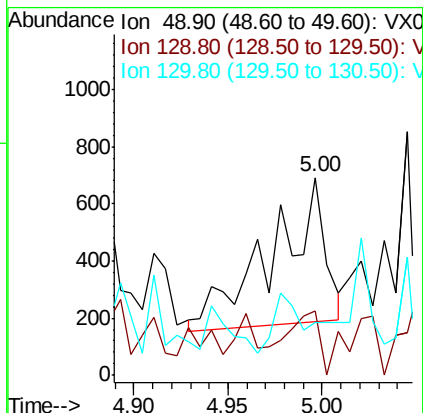
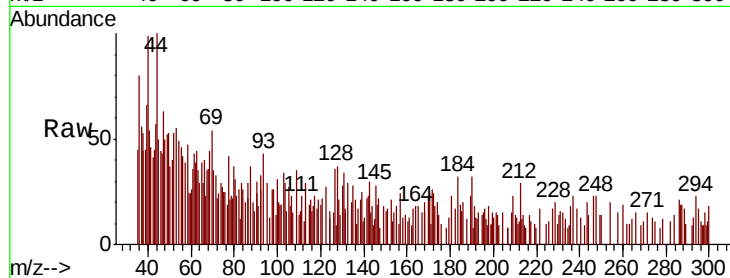
Tot Ion: 49 Resp: 994

Ion Ratio Lower Upper

49 100

129 26.5 0.0 5.2#

130 22.8 63.8 95.6#



#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

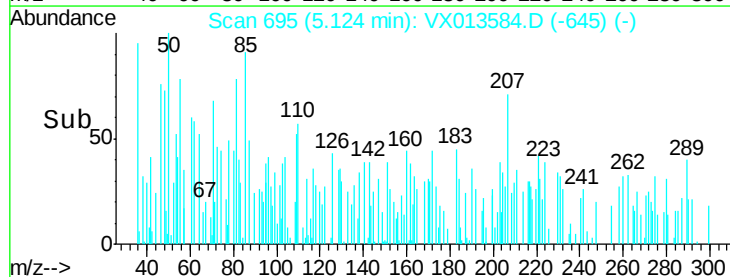
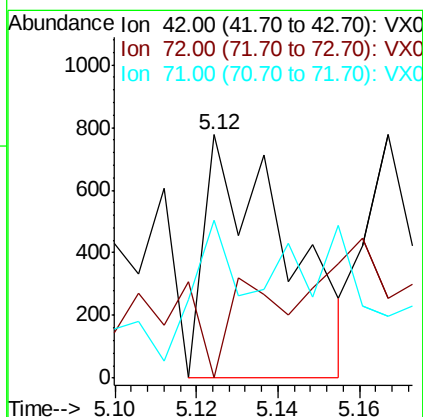
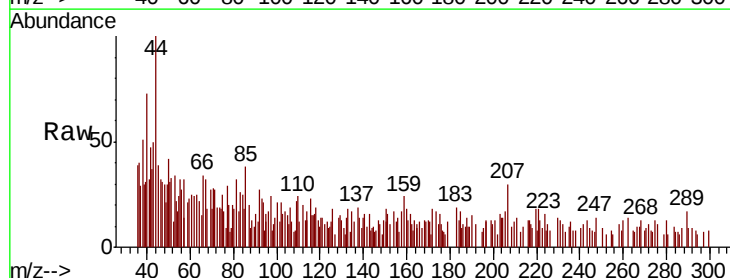
Tgt Ion: 42 Resp: 1072

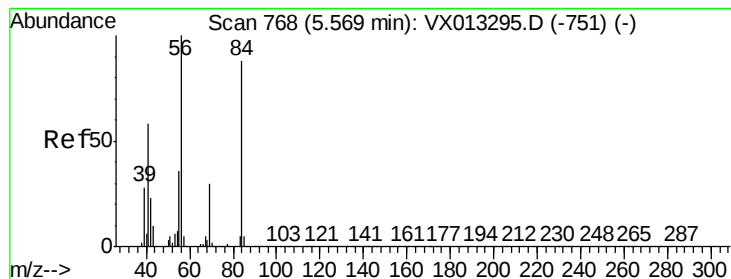
Ion Ratio Lower Upper

42 100

72 26.9 35.8 53.8#

71 36.9 33.4 50.0





#31

Cyclohexane

Concen: 1.136 ug/l

RT: 5.64 min Scan# 780

Delta R.T. 0.07 min

Lab File: VX013584.D

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MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

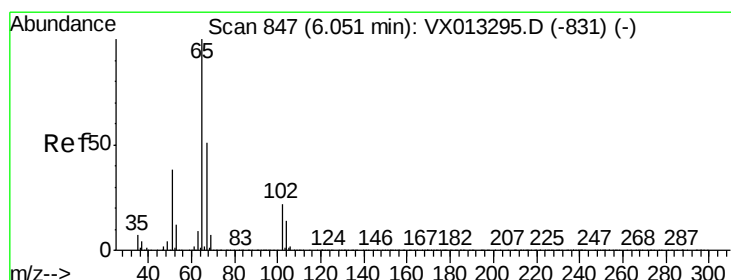
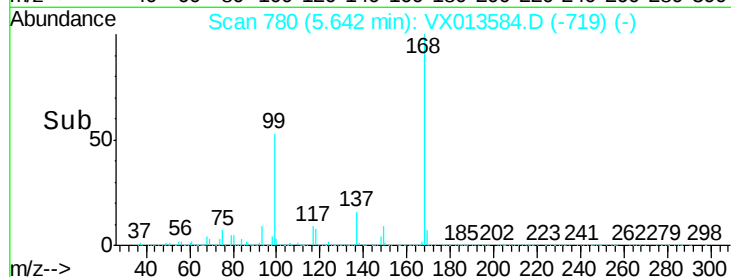
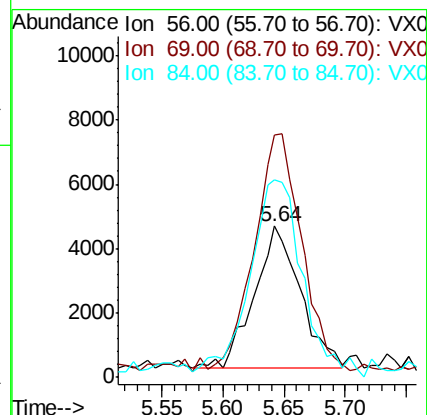
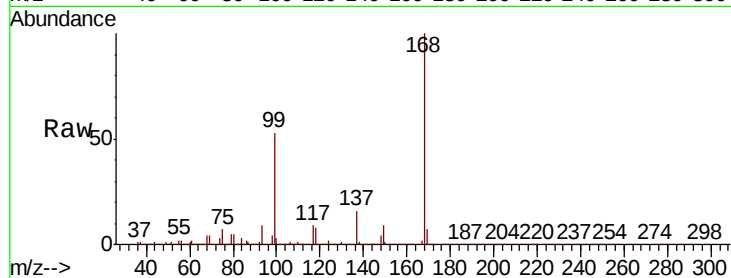
Tot Ion: 56 Resp: 11522

Ion Ratio Lower Upper

56 100

69 168.2 23.7 35.5#

84 136.2 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 49.359 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013584.D

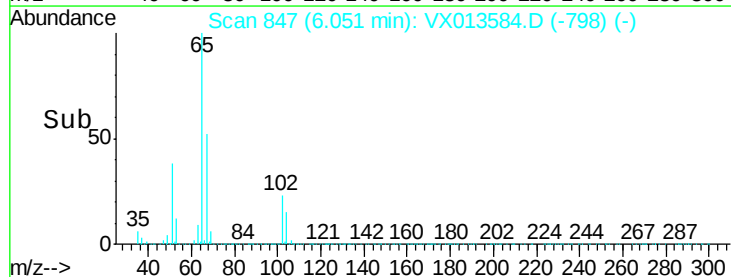
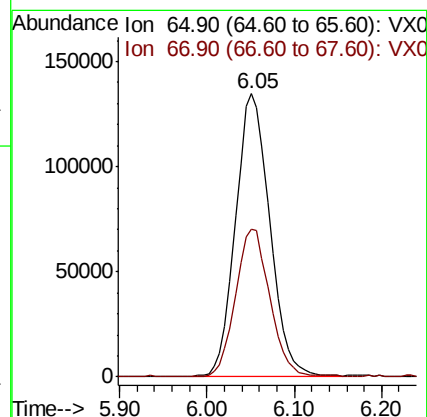
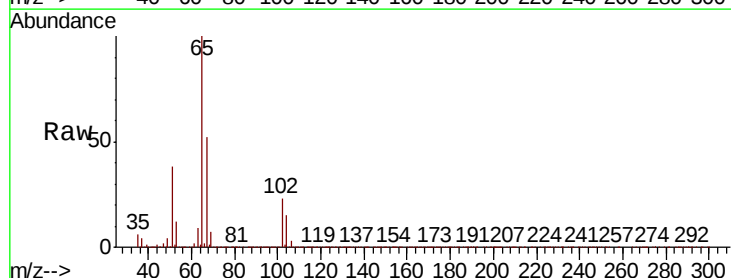
Acq: 25 Nov 2019 16:23

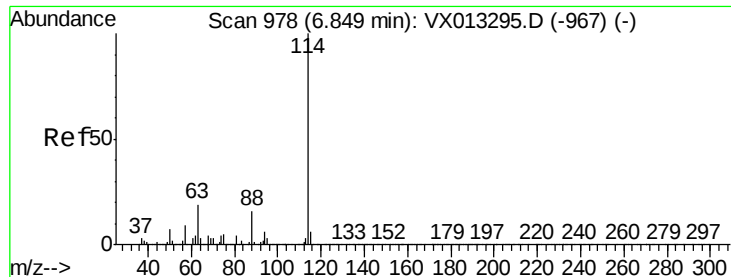
Tgt Ion: 65 Resp: 366229

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

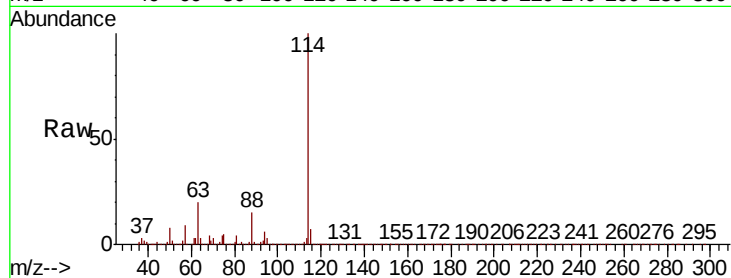
Tot Ion:114 Resp: 1007512

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

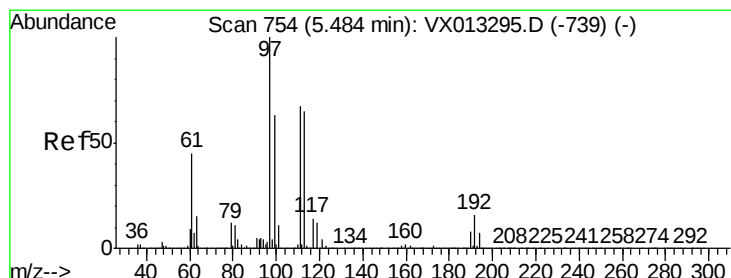
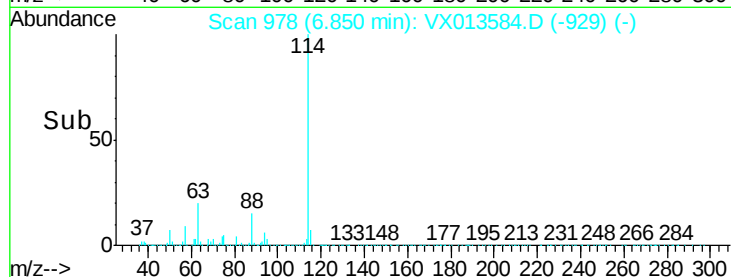
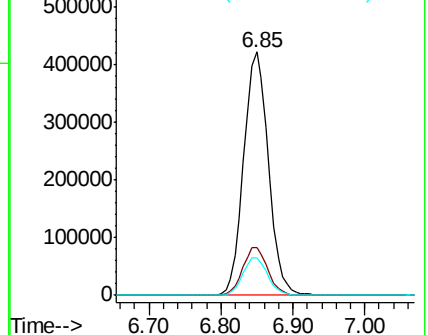
88 15.2 0.0 32.2



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: 46.344 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

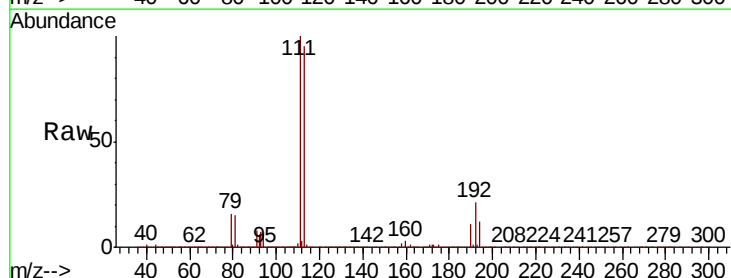
Tgt Ion:113 Resp: 292856

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

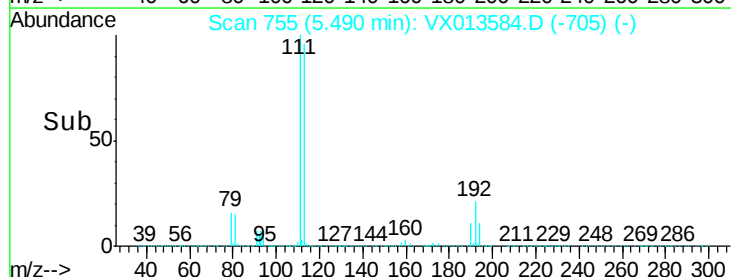
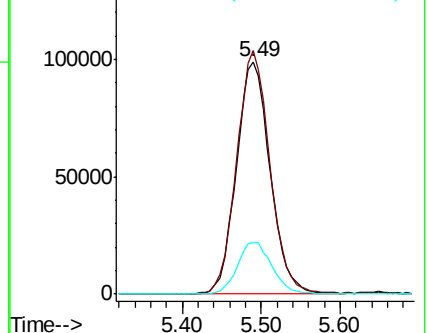
192 23.2 19.1 28.7

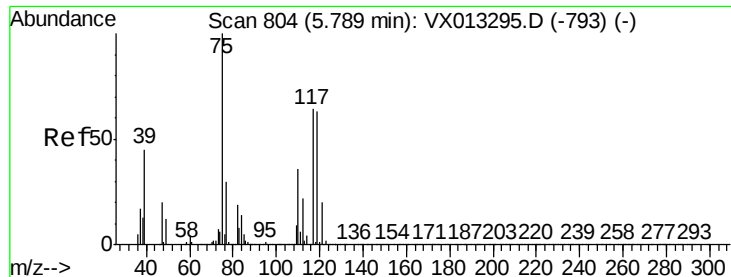


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

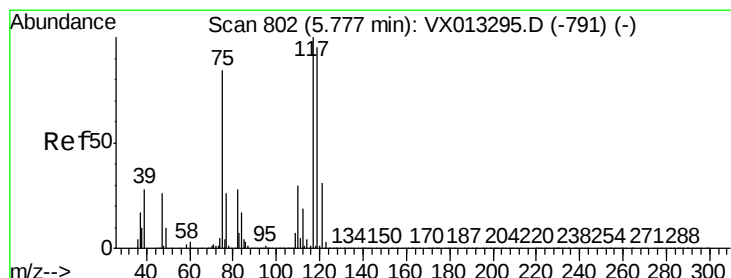
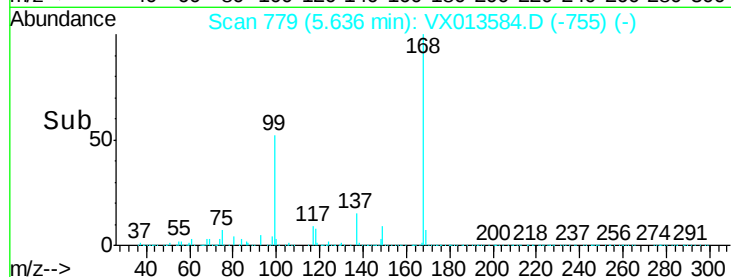
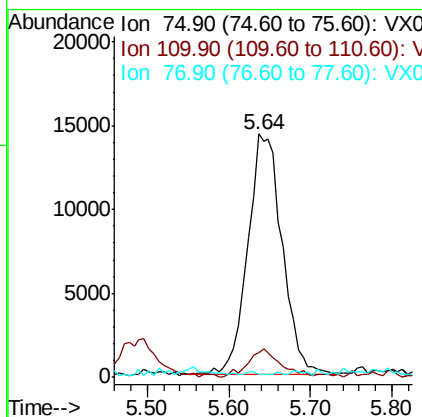
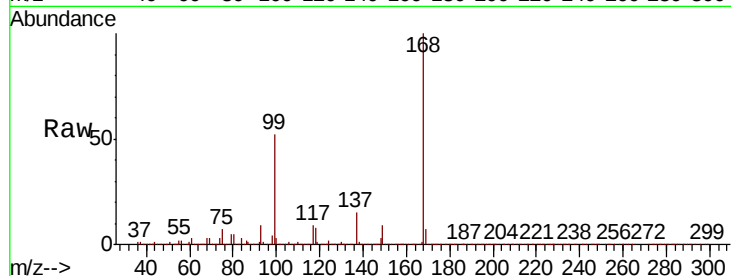




#36
 1,1-Dichloropropene
 Concen: 4.892 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.15 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

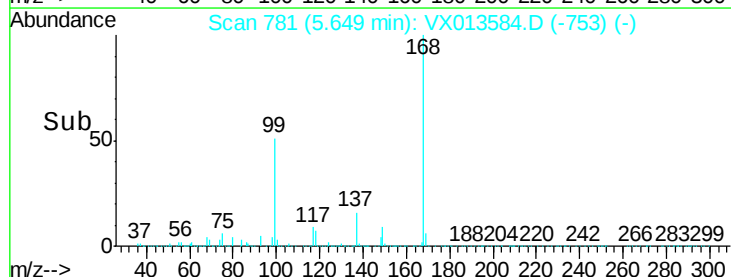
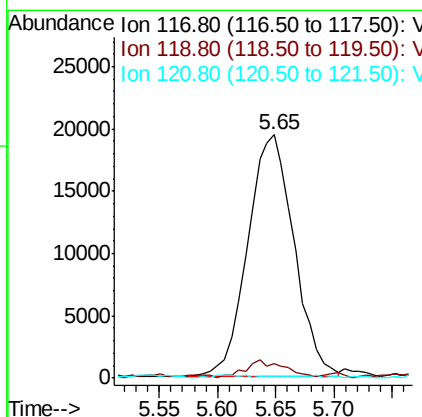
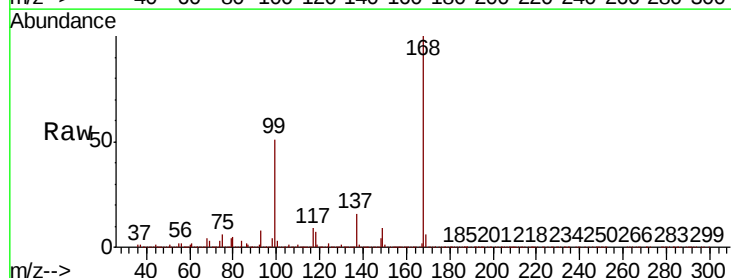
Instrument :
 MSVOA_X
 ClientSampleId :
 WS-112019-0-1-GRAB-B2ME

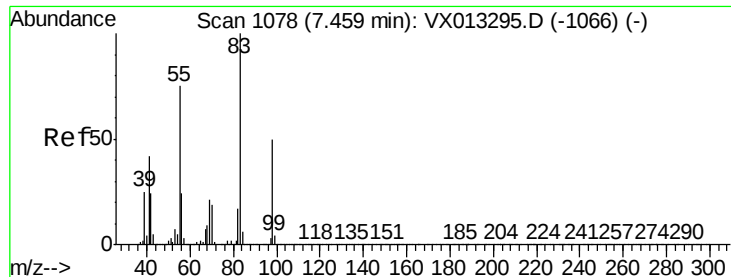
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.1#
77	0.4	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.342 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.1	114.1#
121	0.0	24.6	37.0#

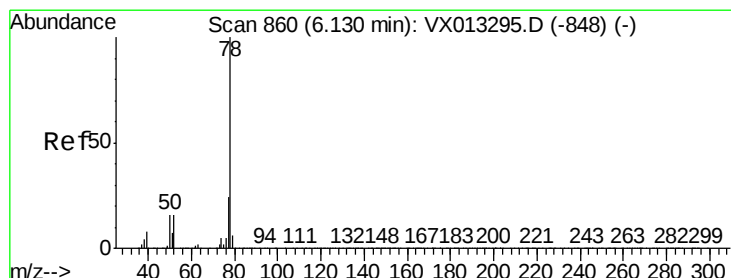
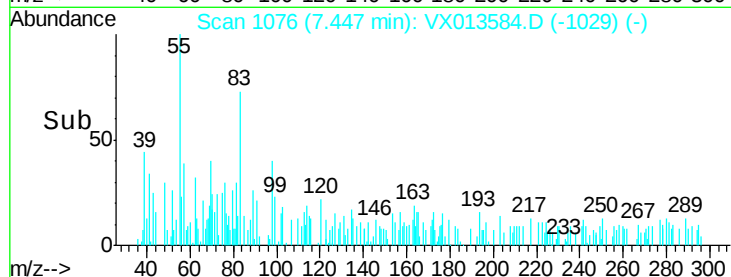
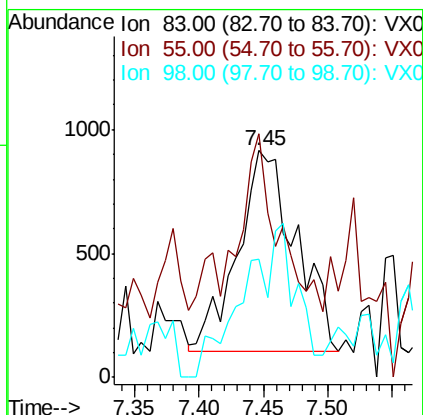
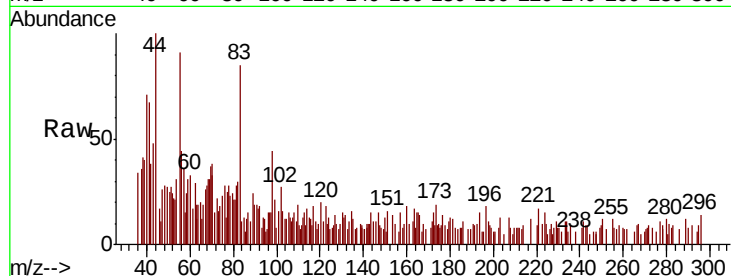




#39
Methvlcvclohexane
Concen: 0.234 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

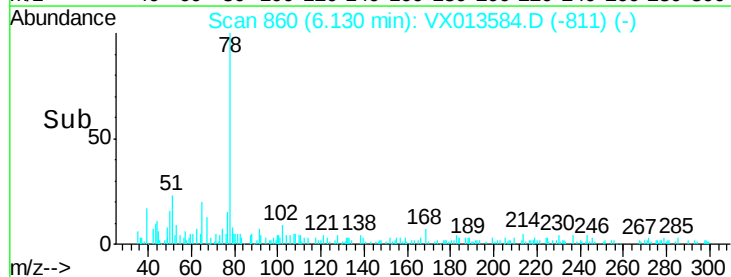
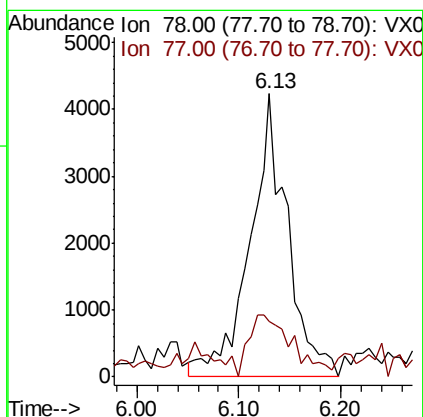
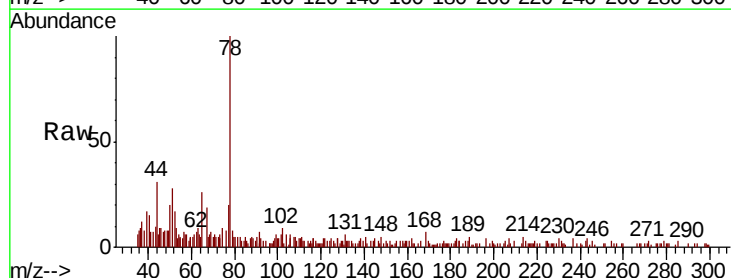
Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

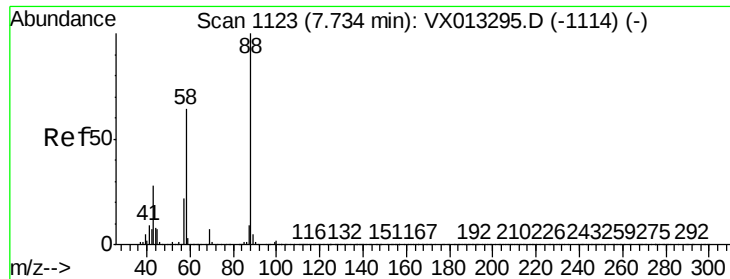
Tot Ion: 83 Resp: 2525
Ion Ratio Lower Upper
83 100
55 88.2 60.3 90.5
98 59.2 40.3 60.5



#40
Benzene
Concen: 0.401 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion: 78 Resp: 10784
Ion Ratio Lower Upper
78 100
77 13.2 19.5 29.3#





#49

1,4-Dioxane

Concen: 2.109 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

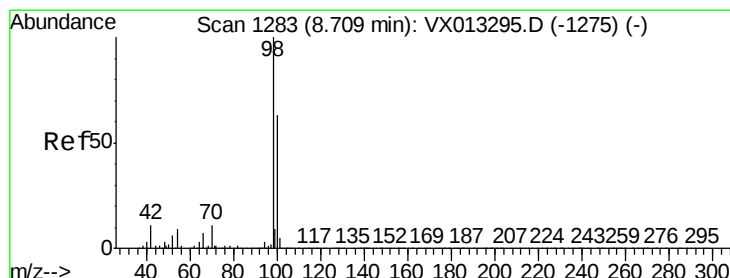
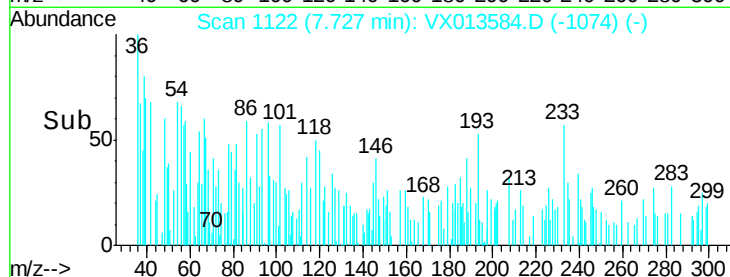
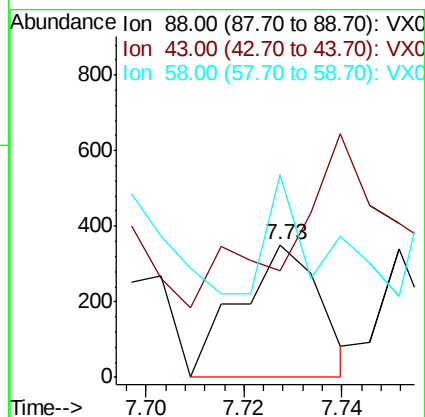
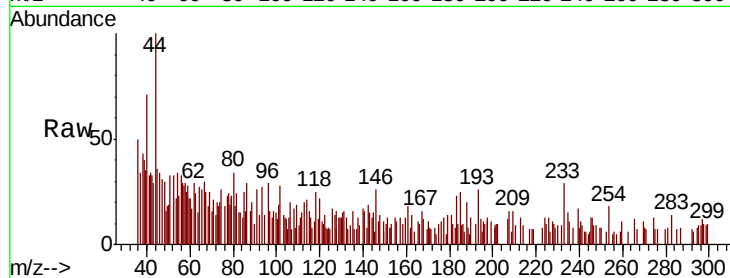
Tot Ion: 88 Resp: 401

Ion Ratio Lower Upper

88 100

43 162.6 26.6 39.8#

58 81.8 55.0 82.6



#50

Toluene-d8

Concen: 50.912 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013584.D

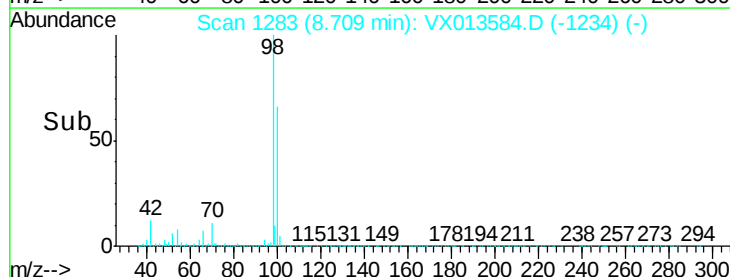
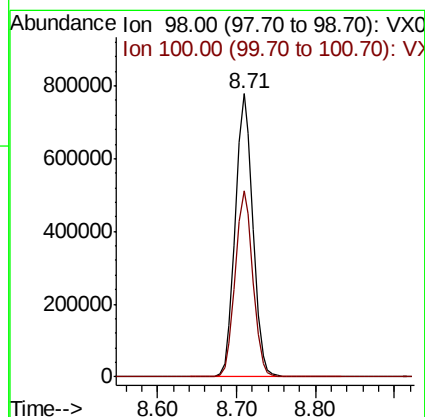
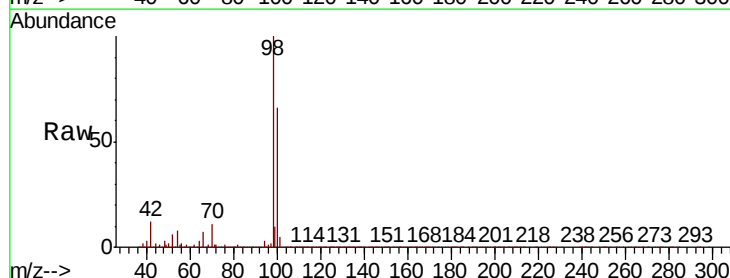
Acq: 25 Nov 2019 16:23

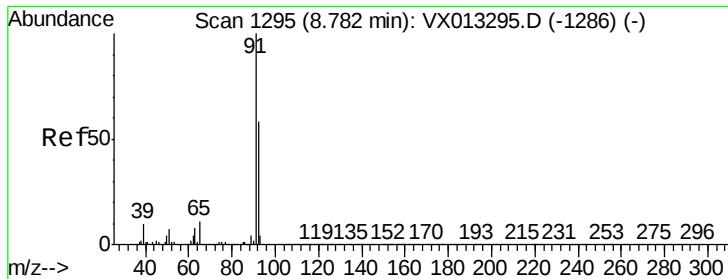
Tgt Ion: 98 Resp: 1212862

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2





#52

Toluene

Concen: 1.076 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

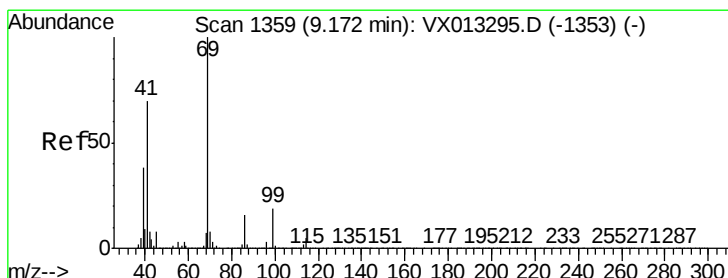
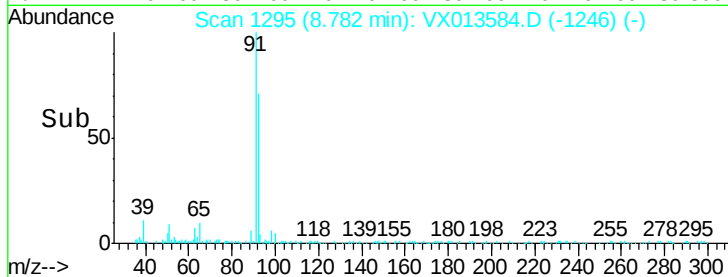
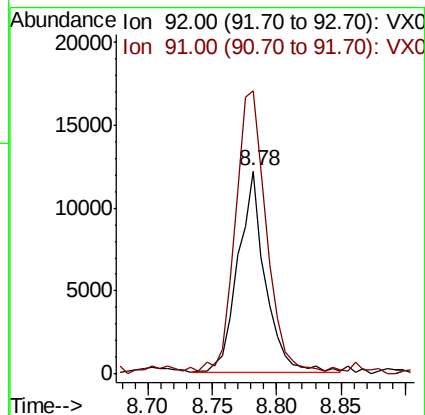
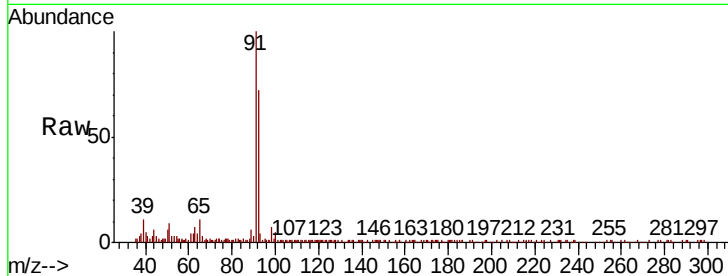
WS-112019-0-1-GRAB-B2ME

Tot Ion: 92 Resp: 17948

Ion Ratio Lower Upper

92 100

91 161.6 138.0 207.0



#56

Ethyl methacrylate

Concen: 1.581 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

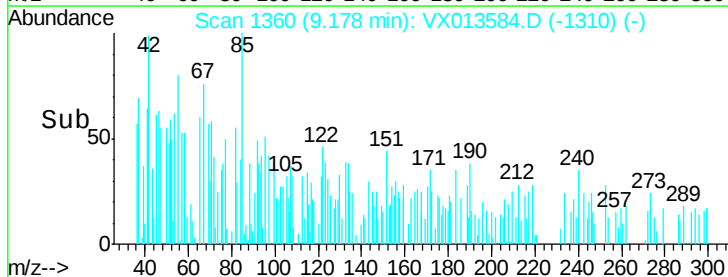
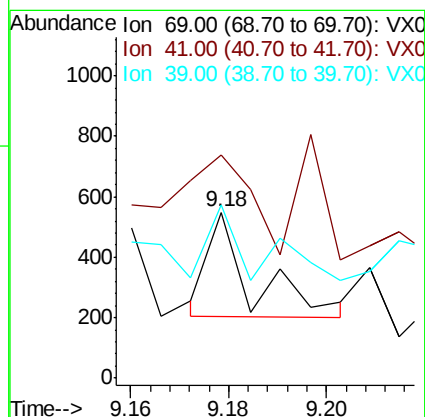
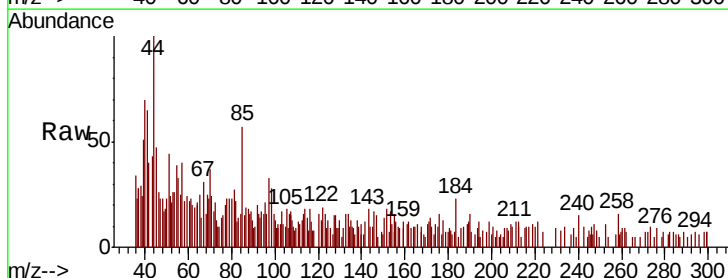
Tgt Ion: 69 Resp: 221

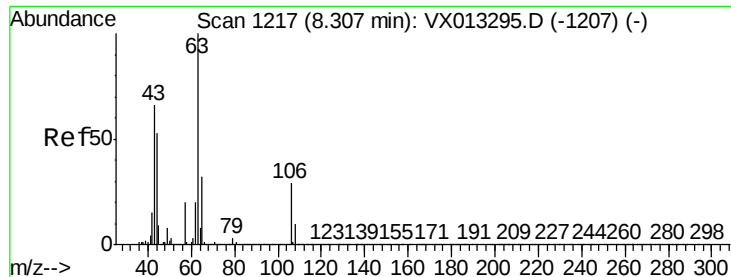
Ion Ratio Lower Upper

69 100

41 251.6 56.2 84.2#

39 0.0 31.1 46.7#





#58

2-Chloroethyl Vinyl ether

Concen: 0.258 ug/l

RT: 8.32 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

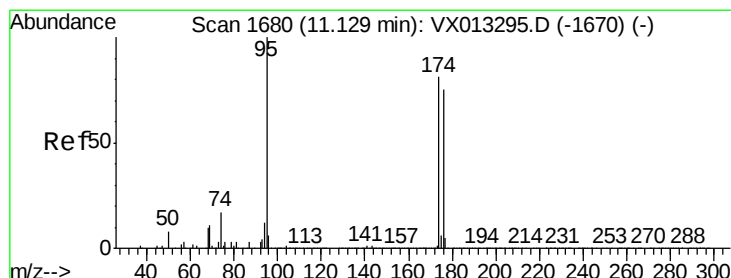
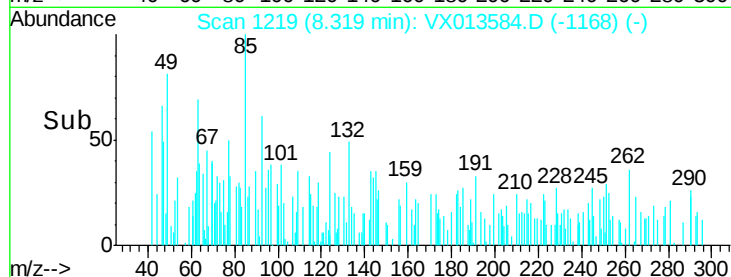
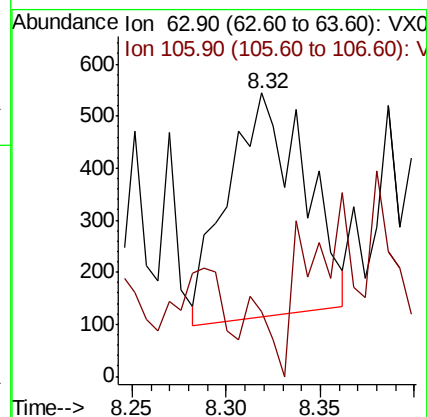
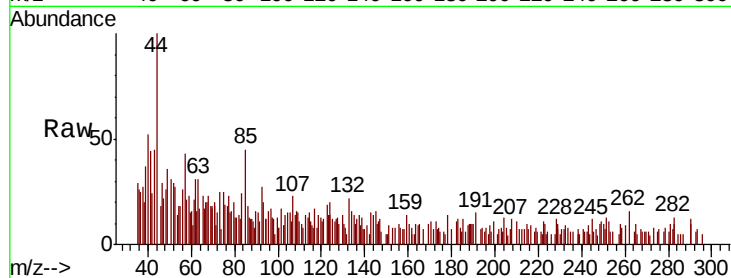
WS-112019-0-1-GRAB-B2ME

Tot Ion: 63 Resp: 1220

Ion Ratio Lower Upper

63 100

106 10.4 23.4 35.2#



#62

4-Bromofluorobenzene

Concen: 50.215 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

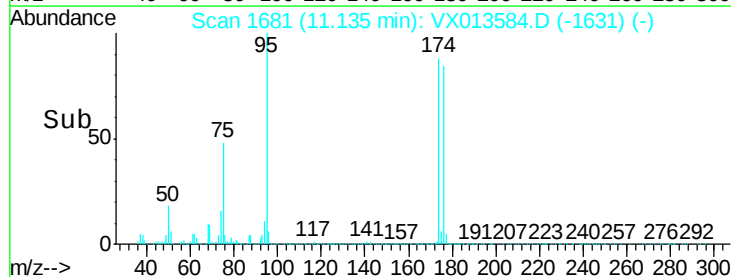
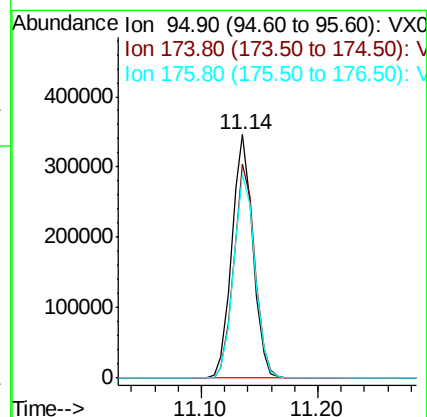
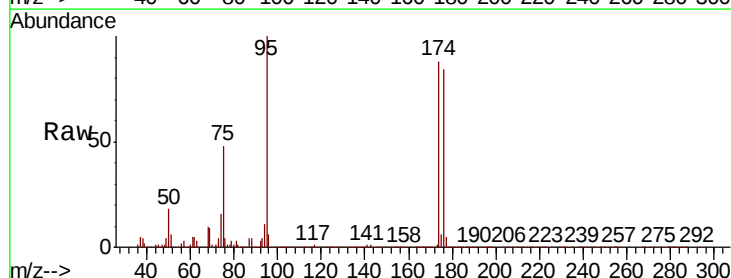
Tgt Ion: 95 Resp: 431742

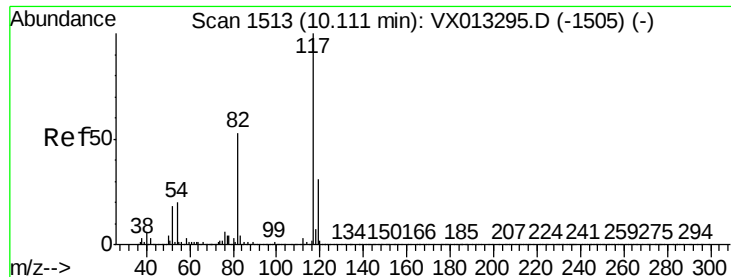
Ion Ratio Lower Upper

95 100

174 88.7 0.0 179.8

176 85.4 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

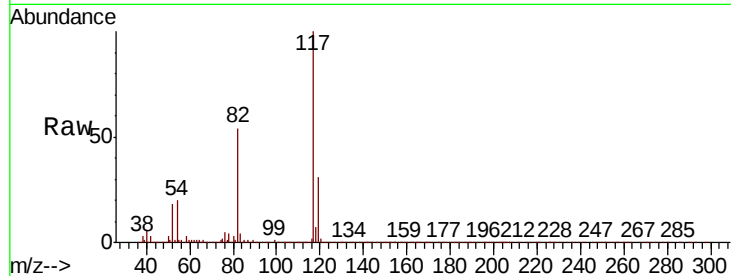
Tot Ion:117 Resp: 912181

Ion Ratio Lower Upper

117 100

82 53.9 42.6 64.0

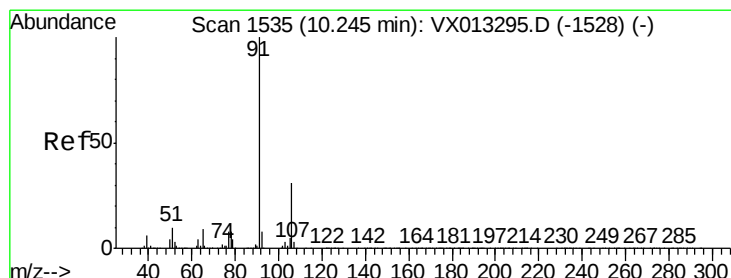
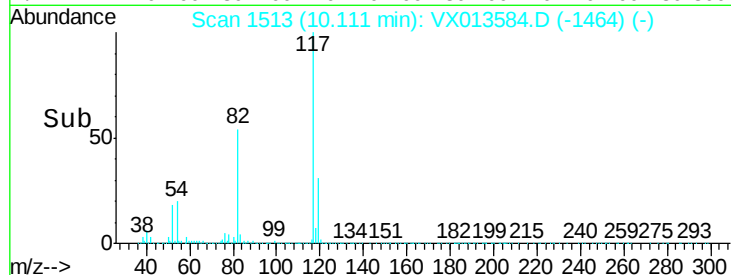
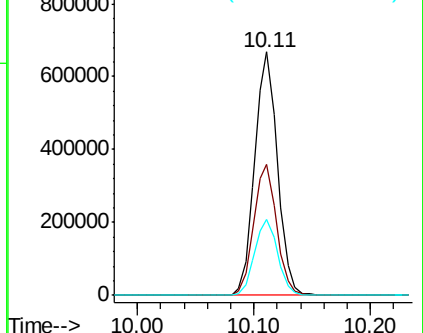
119 31.3 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.827 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013584.D

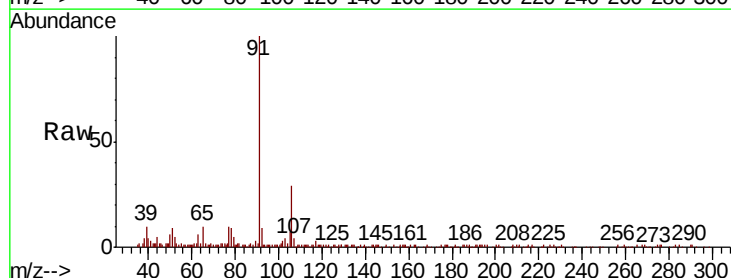
Acq: 25 Nov 2019 16:23

Tgt Ion: 91 Resp: 26374

Ion Ratio Lower Upper

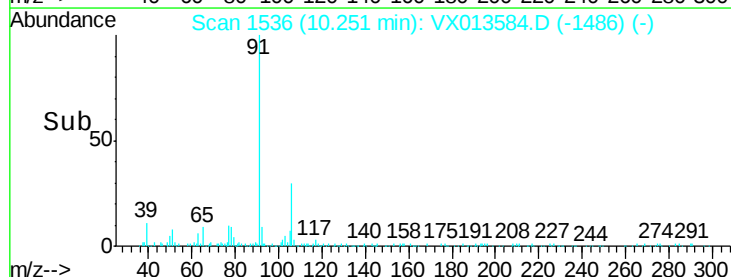
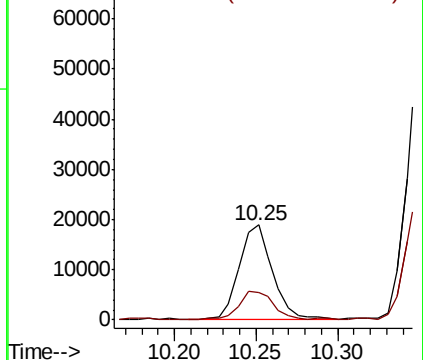
91 100

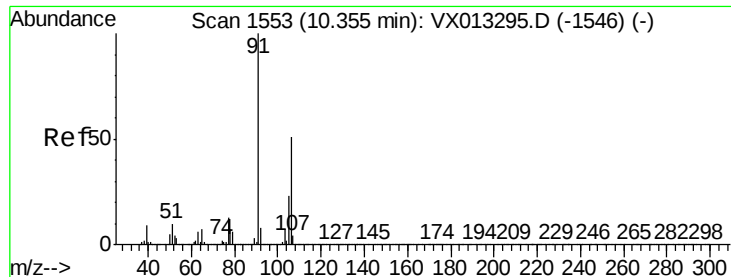
106 28.0 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

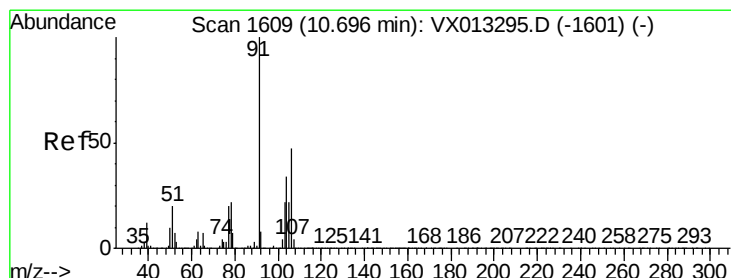
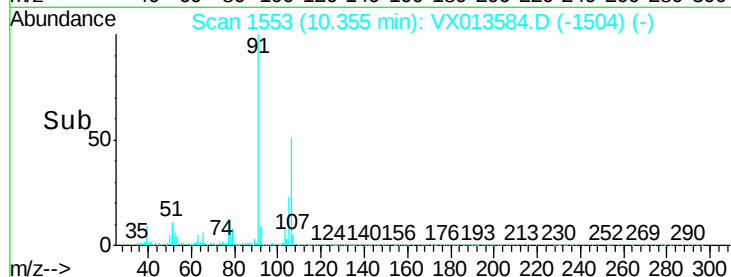
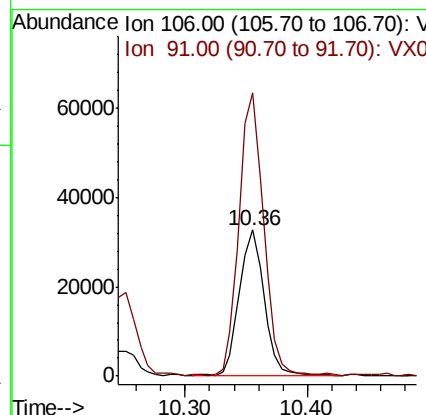
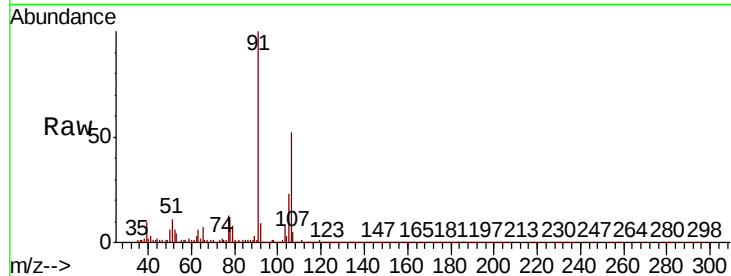




#68
m/p-Xylenes
Concen: 3.773 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

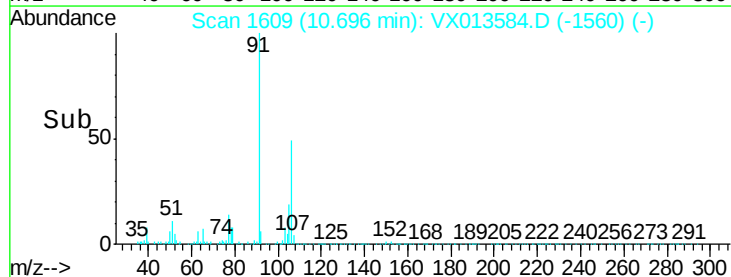
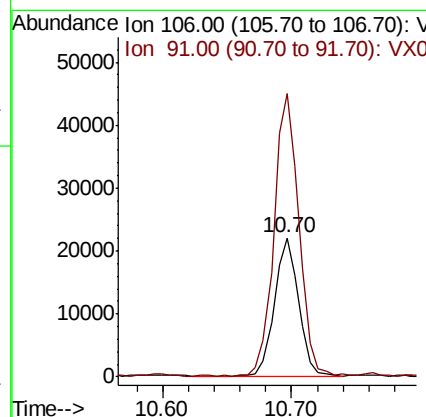
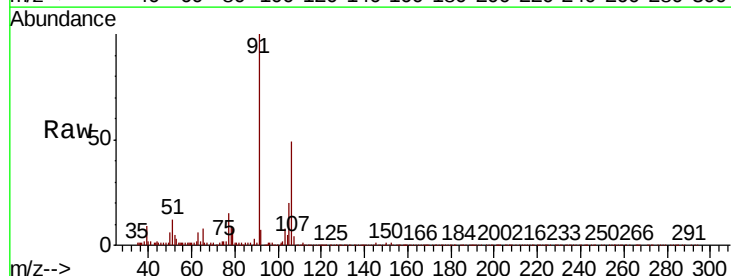
Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

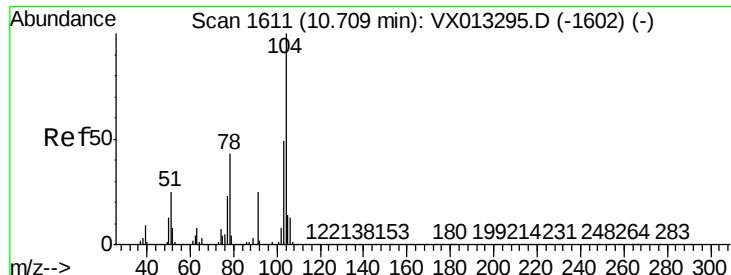
Tot Ion:106 Resp: 45484
Ion Ratio Lower Upper
106 100
91 190.3 159.3 238.9



#69
o-Xylene
Concen: 2.506 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion:106 Resp: 29577
Ion Ratio Lower Upper
106 100
91 204.9 105.7 317.0

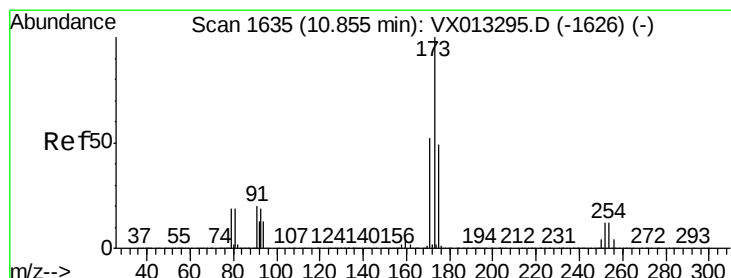
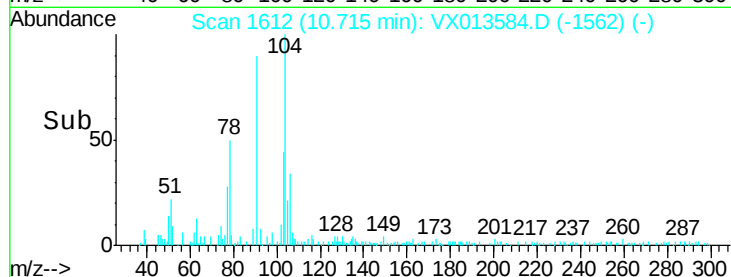
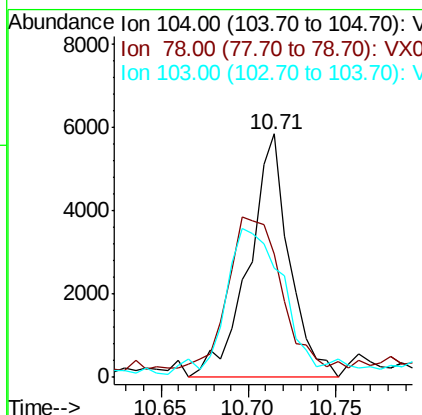
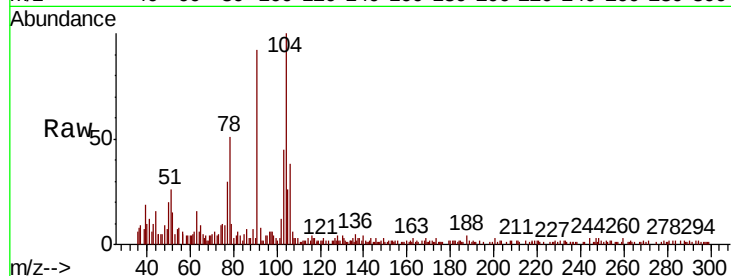




#70
Stvrene
Concen: 0.479 ug/l
RT: 10.71 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

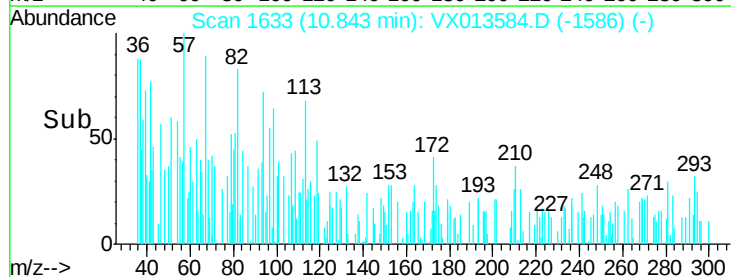
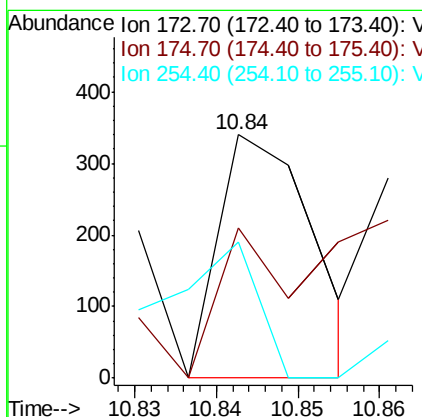
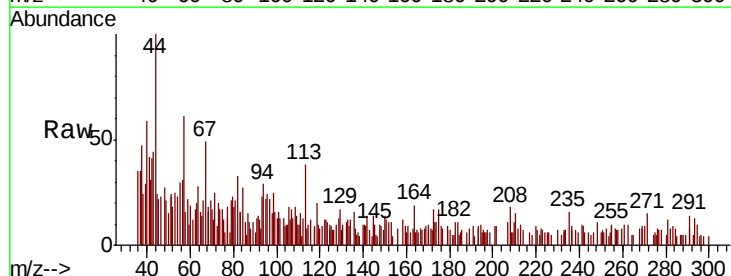
Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

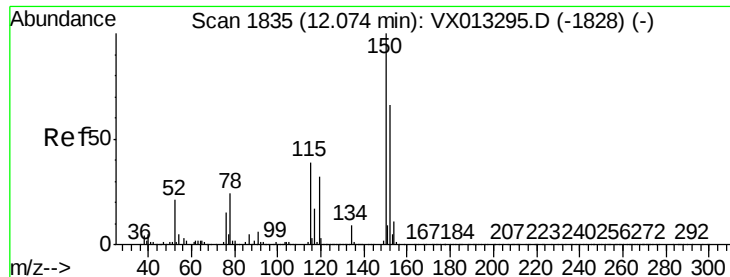
Tot Ion:104 Resp: 9446
Ion Ratio Lower Upper
104 100
78 83.7 40.0 60.0#
103 84.3 44.1 66.1#



#71
Bromoform
Concen: 3.243 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion:173 Resp: 273
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 7.0 0.2 0.2#



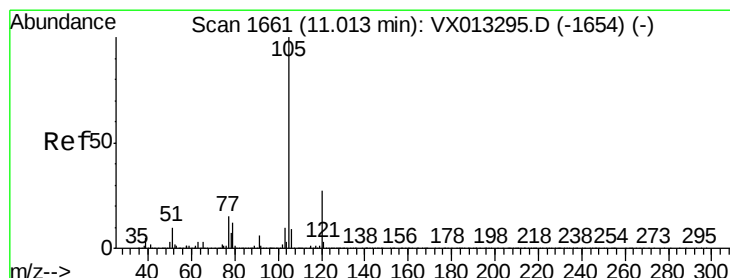
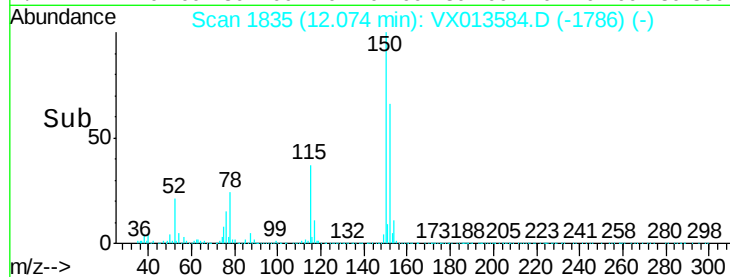
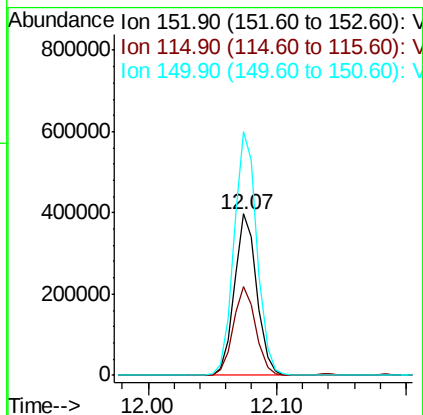
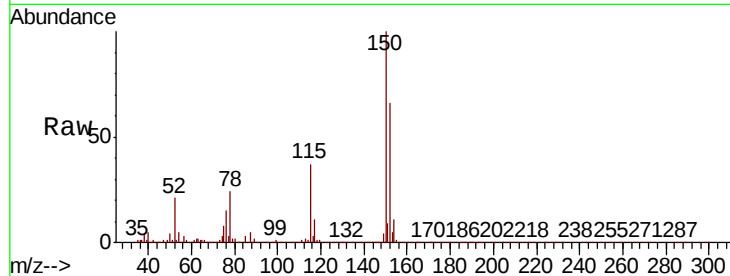


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

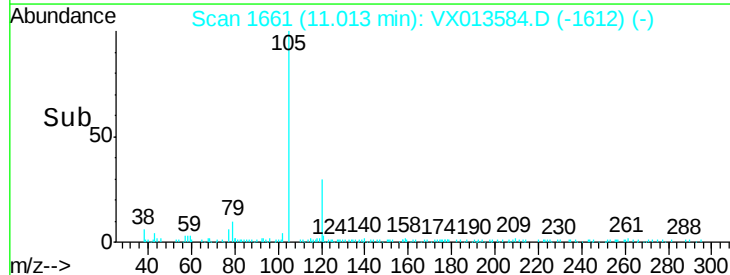
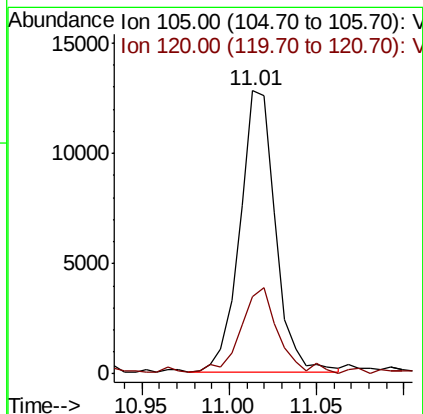
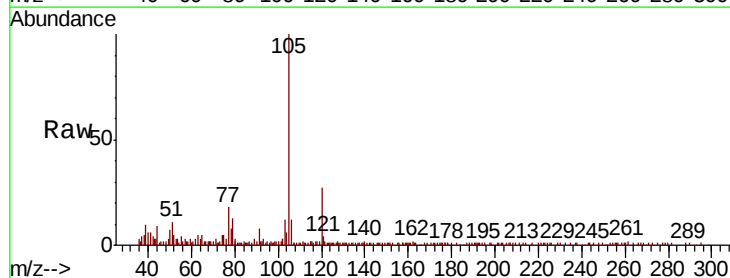
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.5	118.3
150	154.6	0.0	344.4

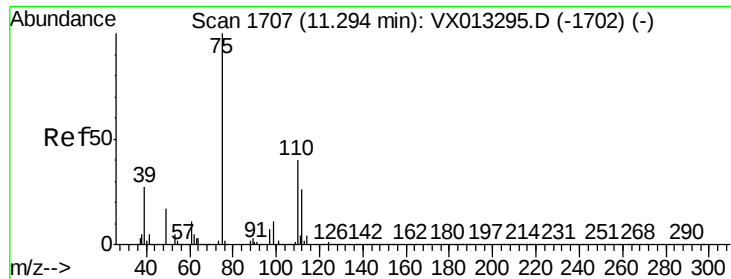


#73

Isopropylbenzene
Concen: 0.562 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.4	13.5	40.5

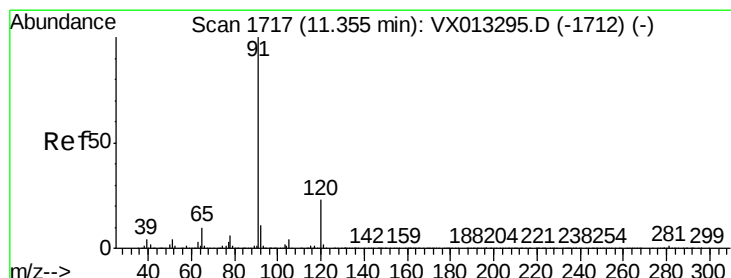
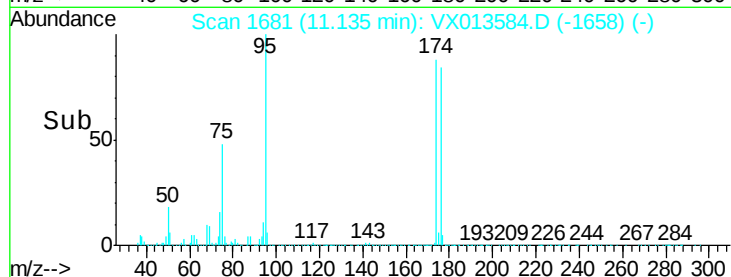
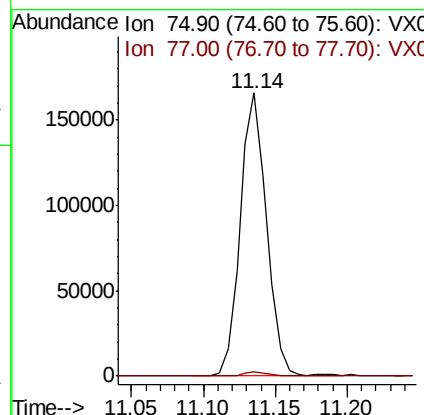
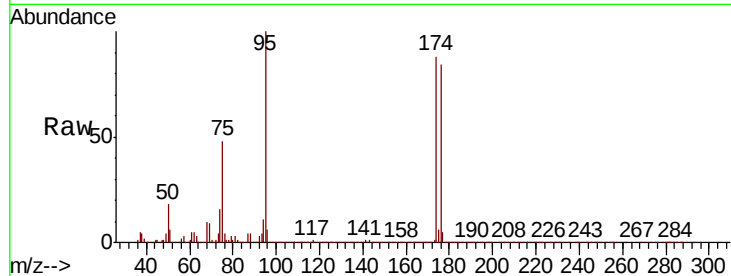




#76
 1,2,3-Trichloropropane
 Concen: 21.467 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

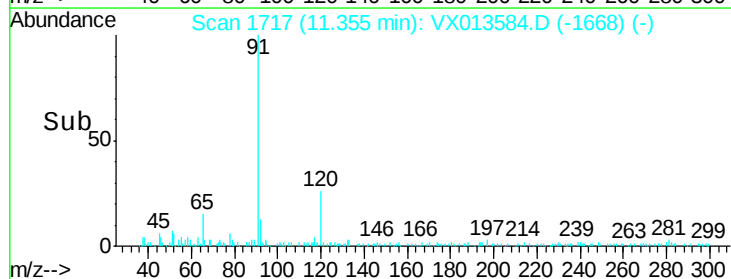
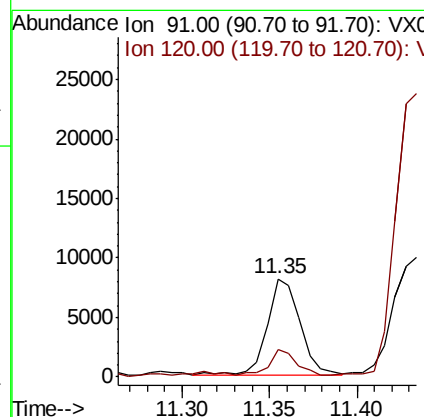
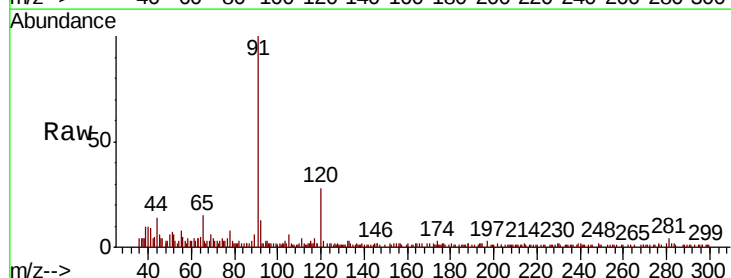
Instrument :
 MSVOA_X
 ClientSampleId :
 WS-112019-0-1-GRAB-B2ME

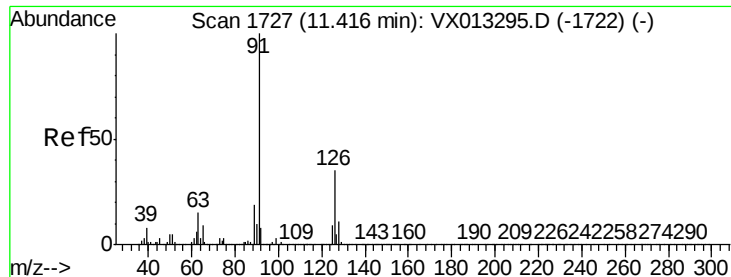
Tot Ion: 75 Resp: 209304
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.3 66.8#



#78
 n-propylbenzene
 Concen: 0.298 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

Tgt Ion: 91 Resp: 10569
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.6 34.8

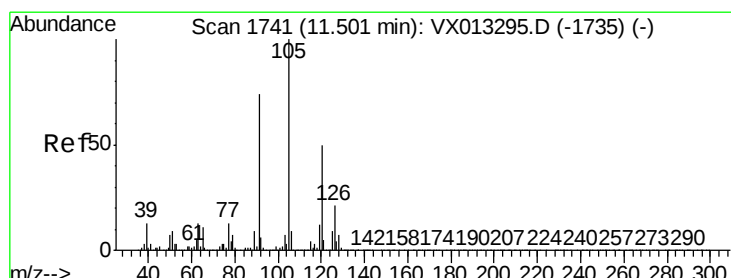
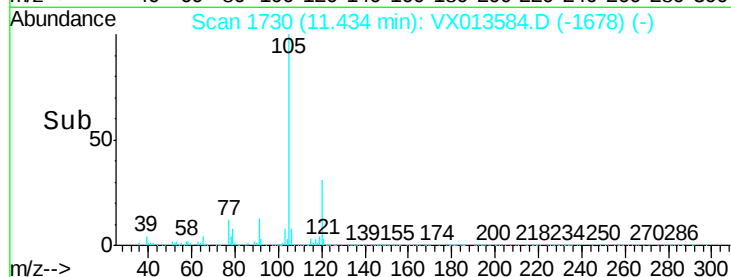
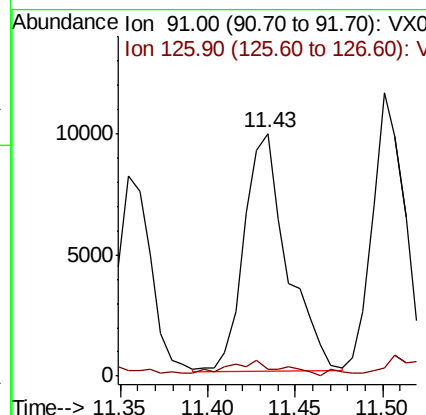
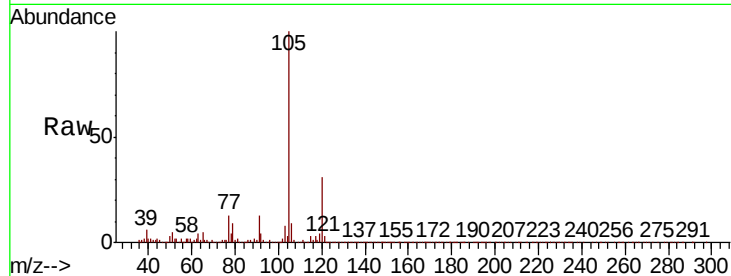




#79
 2-Chlorotoluene
 Concen: 0.786 ug/l
 RT: 11.43 min Scan# 1730
 Delta R.T. 0.02 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

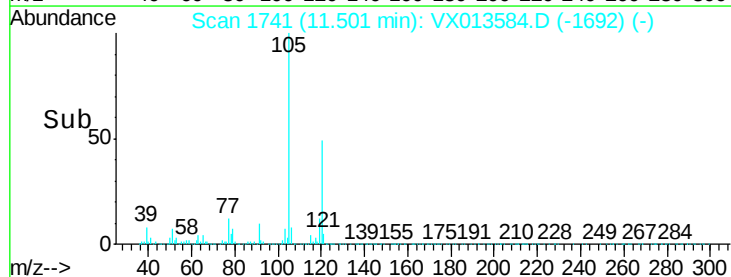
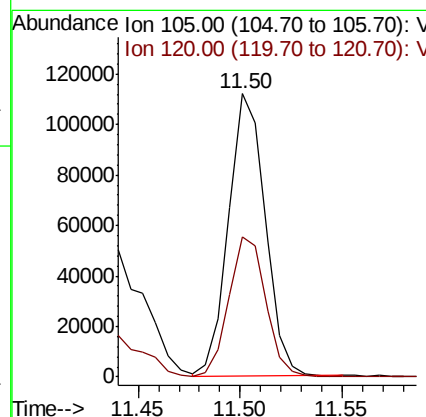
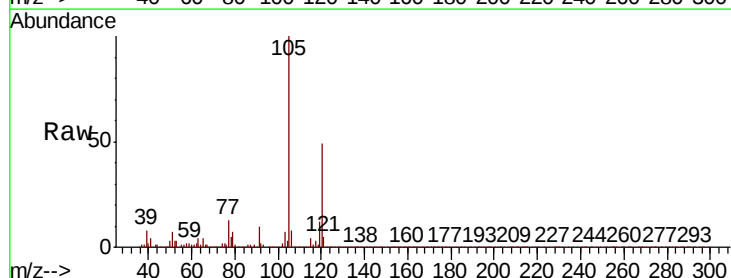
Instrument :
 MSVOA_X
 ClientSampleId :
 WS-112019-0-1-GRAB-B2ME

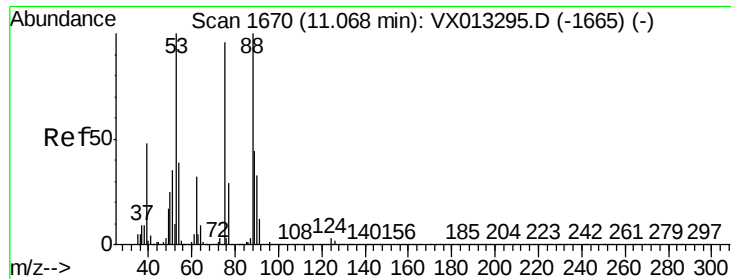
Tot Ion: 91 Resp: 16784
 Ion Ratio Lower Upper
 91 100
 126 4.5 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.227 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

Tgt Ion: 105 Resp: 138570
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.8

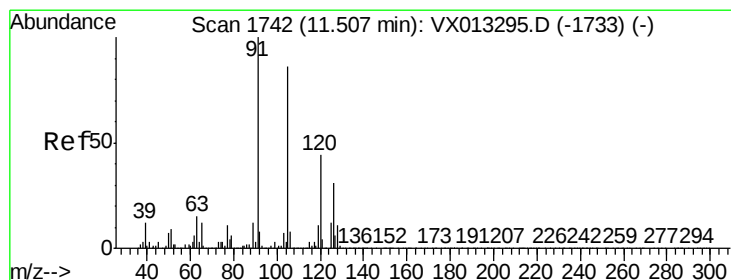
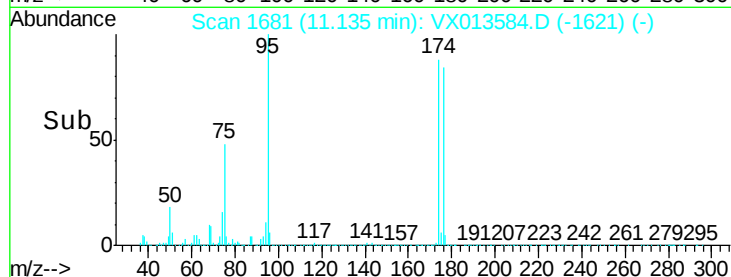
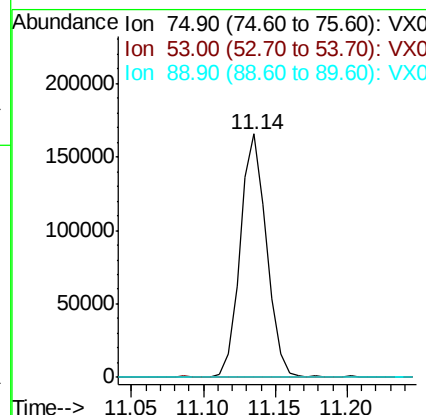
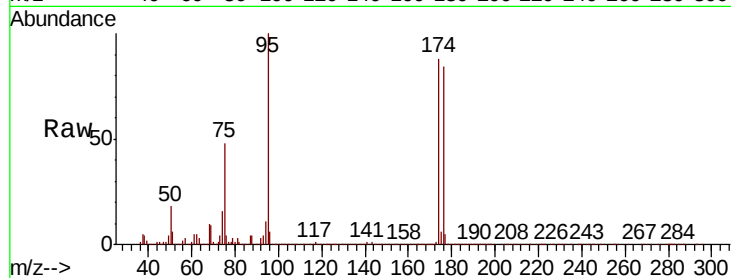




#81
trans-1,4-Dichloro-2-butene
Concen: 55.255 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

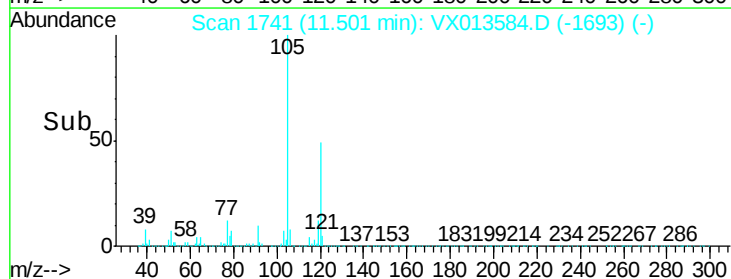
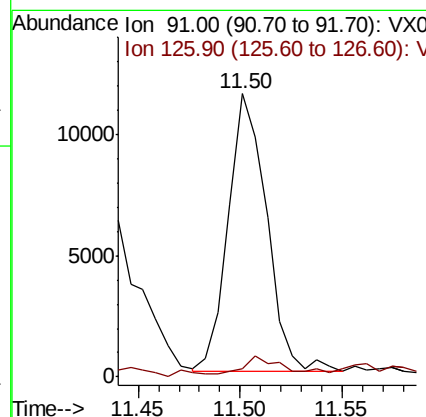
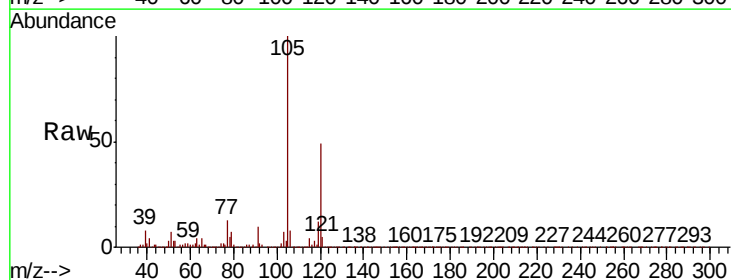
Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

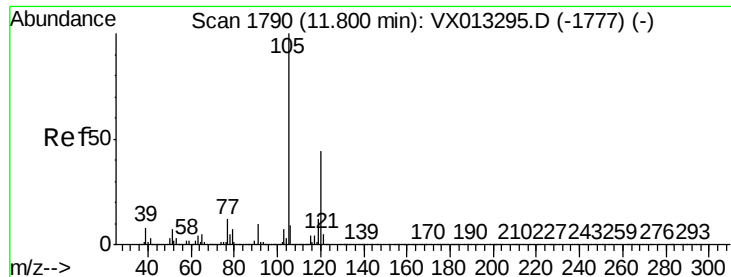
Tot Ion: 75 Resp: 209304
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.1 36.0 54.0#



#82
4-Chlorotoluene
Concen: 0.601 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion: 91 Resp: 15030
Ion Ratio Lower Upper
91 100
126 6.4 15.3 45.8#

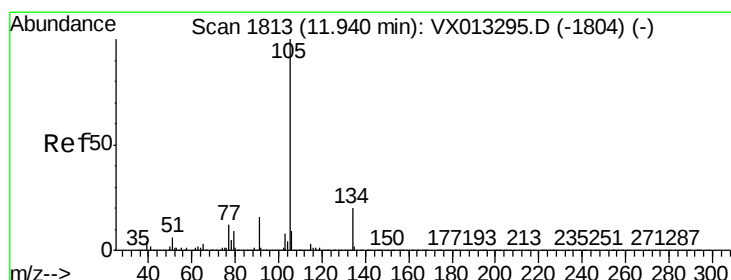
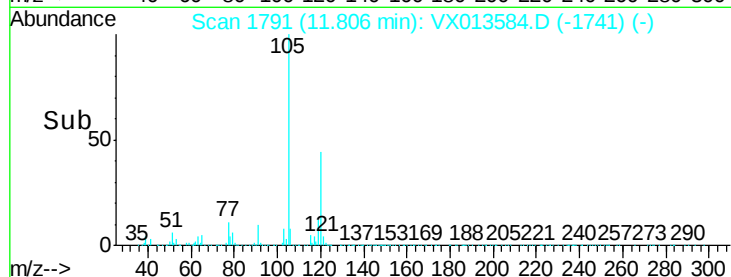
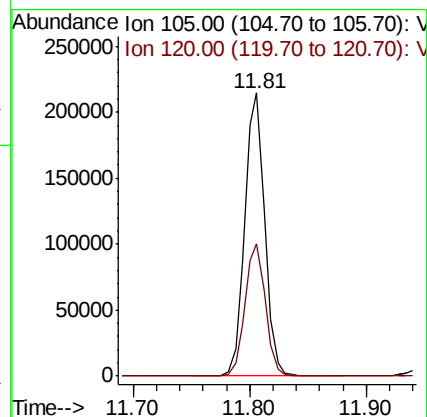
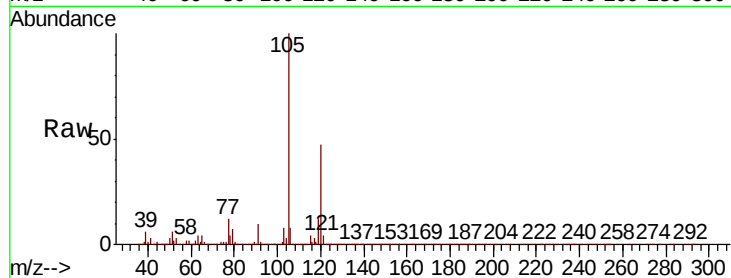




#84
 1,2,4-Trimethylbenzene
 Concen: 9.633 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

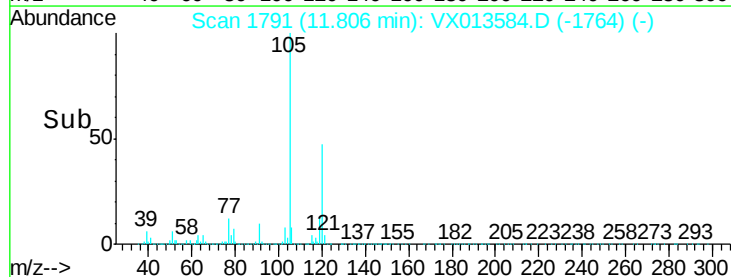
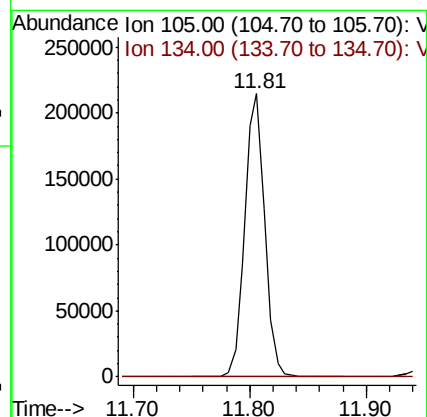
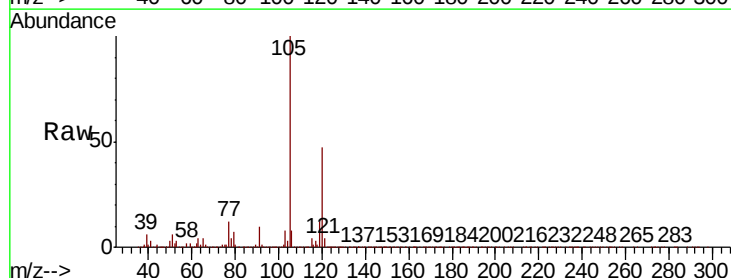
Instrument :
 MSVOA_X
 ClientSampleId :
 WS-112019-0-1-GRAB-B2ME

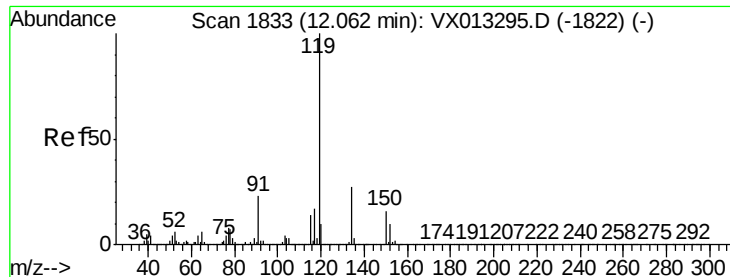
Tot Ion:105 Resp: 256165
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 8.352 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX013584.D
 Acq: 25 Nov 2019 16:23

Tgt Ion:105 Resp: 256165
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#

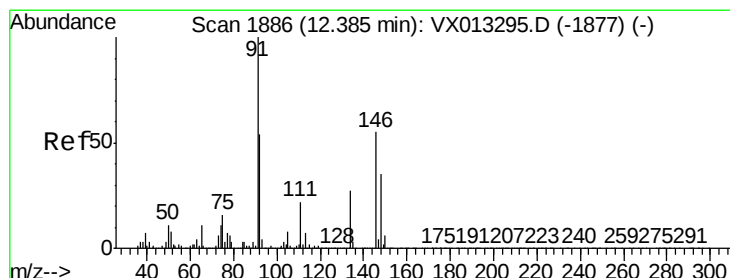
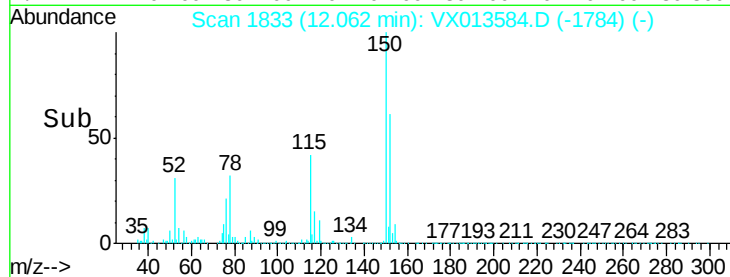
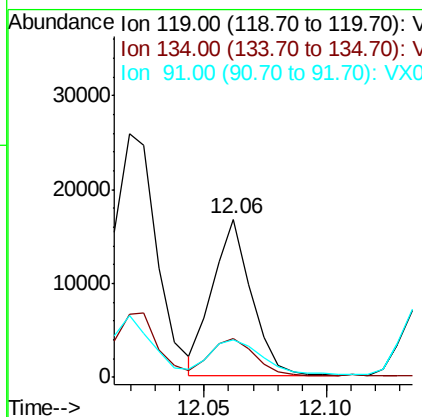
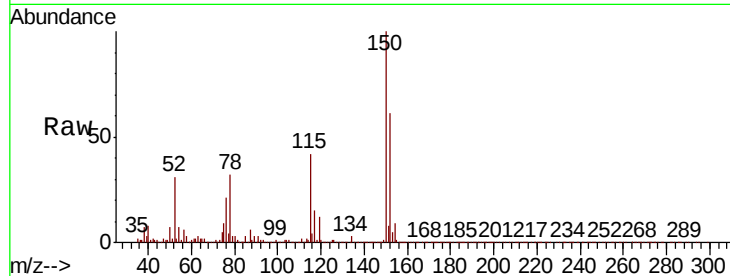




#86
p-Isopropyltoluene
Concen: 0.660 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

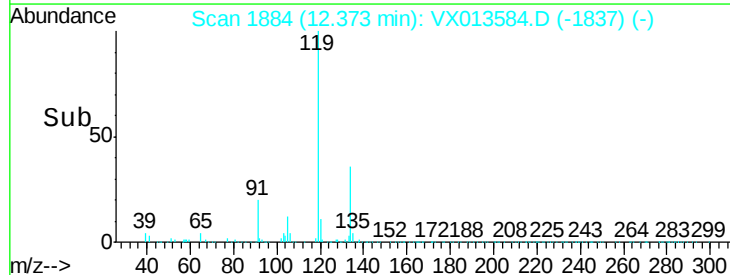
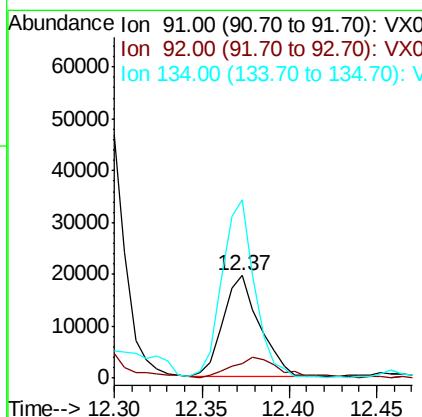
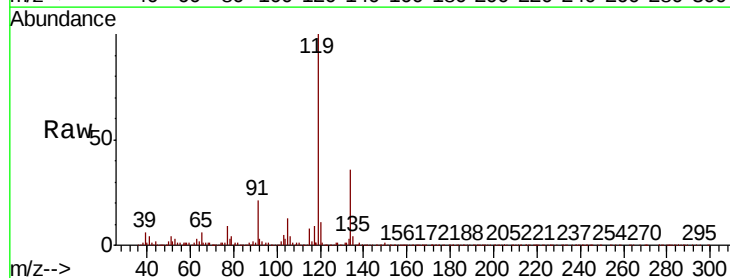
Instrument :
MSVOA_X
ClientSampleId :
WS-112019-0-1-GRAB-B2ME

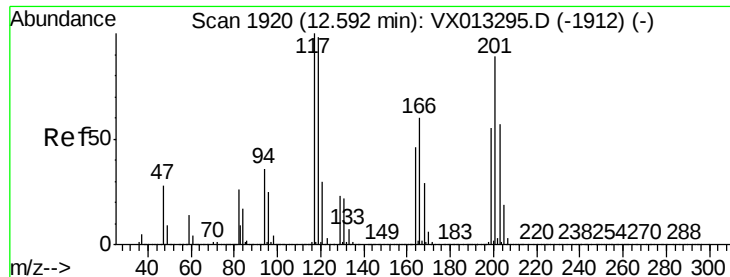
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.3	39.8
91	29.1	11.5	34.4



#89
n-Butylbenzene
Concen: 1.157 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX013584.D
Acq: 25 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	24.1	27.3	81.8#
134	156.7	13.5	40.5#





#90

Hexachloroethane

Concen: 2.580 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

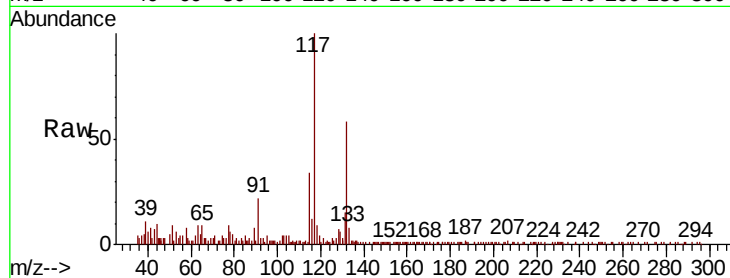
WS-112019-0-1-GRAB-B2ME

Tot Ion:117 Resp: 12981

Ion Ratio Lower Upper

117 100

201 2.4 43.9 131.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

150000

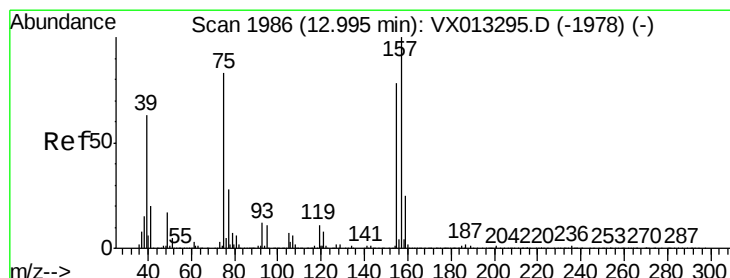
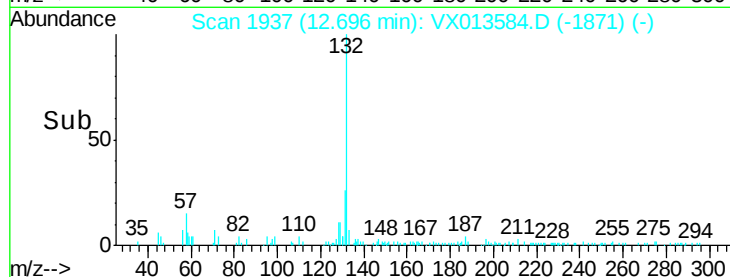
100000

50000

0

12.70

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.666 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

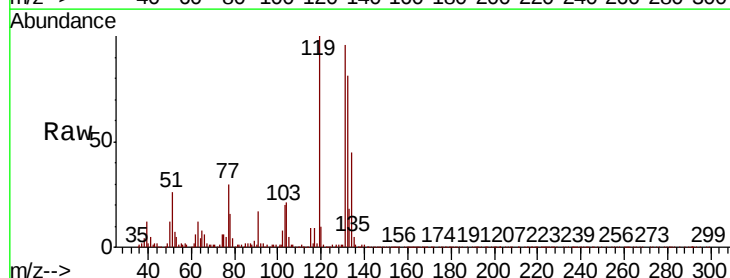
Tgt Ion: 75 Resp: 7543

Ion Ratio Lower Upper

75 100

155 5.5 47.1 141.4#

157 4.6 61.3 183.8#



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

6000

5000

4000

3000

2000

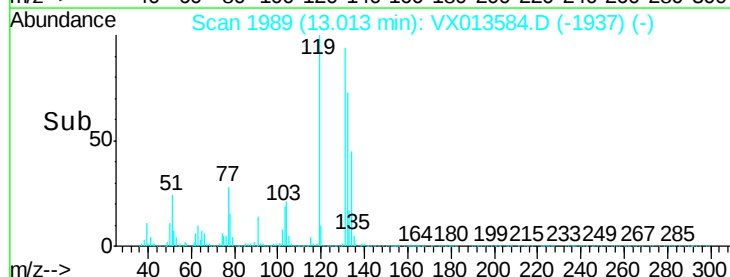
1000

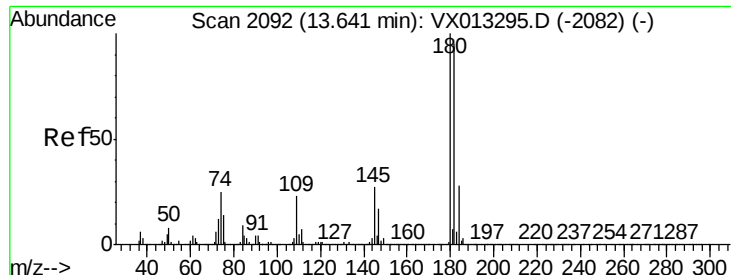
0

13.01

13.05

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 0.341 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

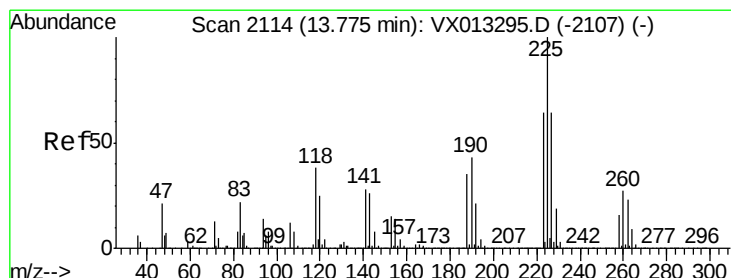
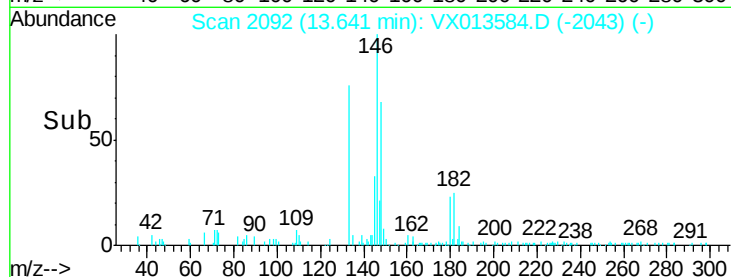
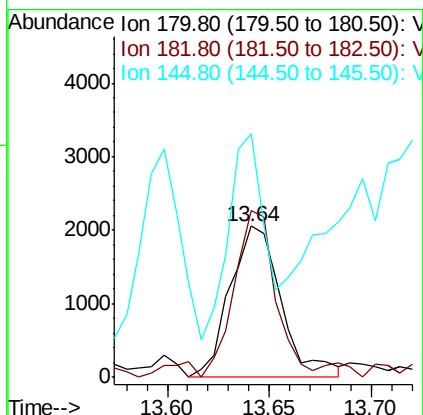
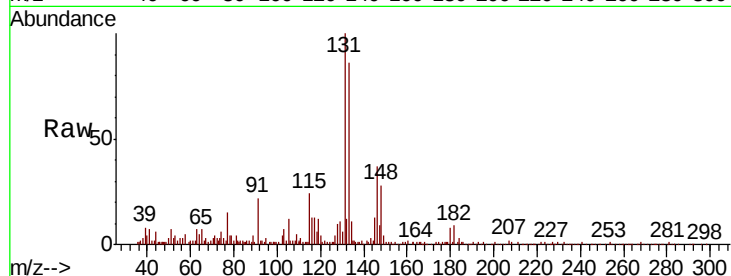
Tot Ion:180 Resp: 3596

Ion Ratio Lower Upper

180 100

182 88.6 48.4 145.0

145 105.5 14.1 42.4#



#94

Hexachlorobutadiene

Concen: 0.267 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

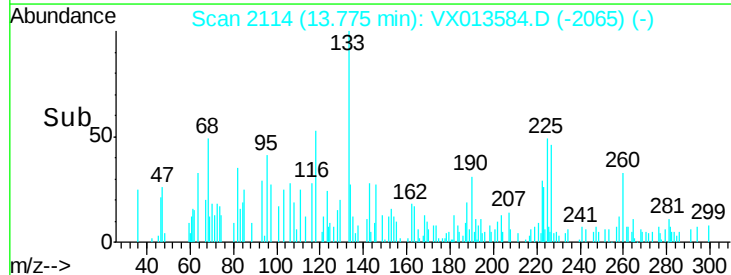
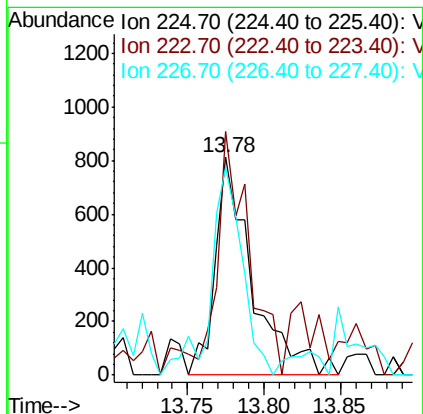
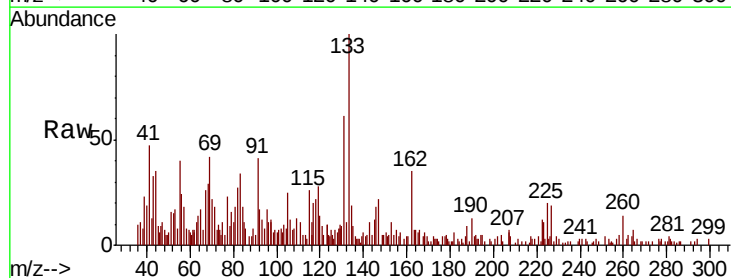
Tgt Ion:225 Resp: 1379

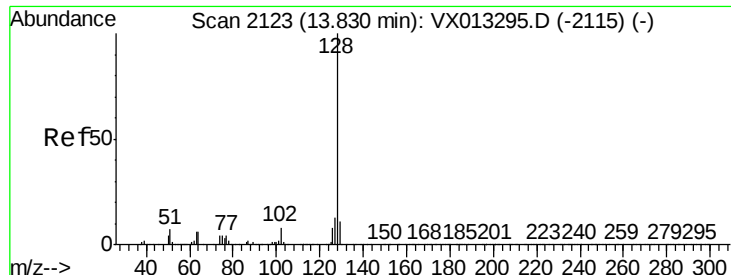
Ion Ratio Lower Upper

225 100

223 90.9 31.9 95.7

227 79.4 31.9 95.9





#95

Naphthalene

Concen: 478.902 ug/l

RT: 13.82 min Scan# 2122

Delta R.T. -0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

WS-112019-0-1-GRAB-B2ME

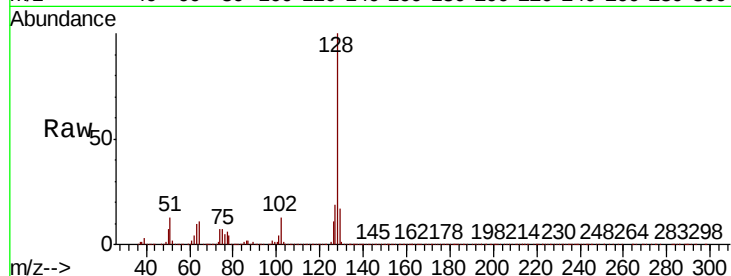
Tot Ion:128 Resp:15845191

Ion Ratio Lower Upper

128 100

127 23.6 10.2 15.2#

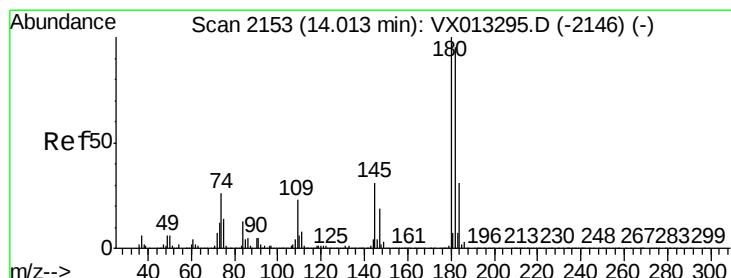
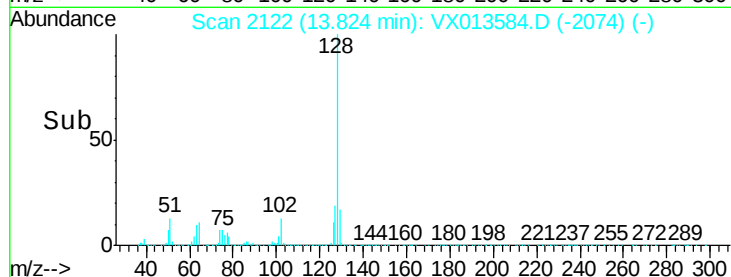
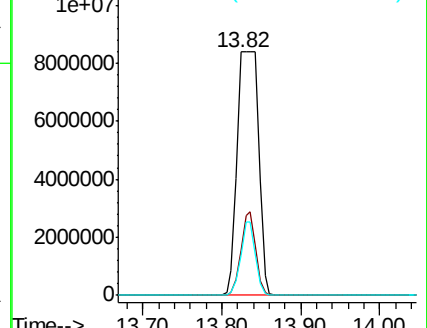
129 20.8 8.5 12.7#



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: 0.280 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013584.D

Acq: 25 Nov 2019 16:23

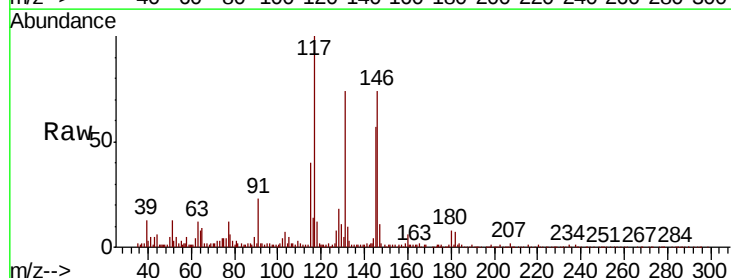
Tgt Ion:180 Resp: 2957

Ion Ratio Lower Upper

180 100

182 113.5 48.0 144.2

145 714.7 15.4 46.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

