

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013480.D
 Acq On : 20 Nov 2019 16:22
 Operator : JC/SP
 Sample : K5958-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 21 00:48:48 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	726693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1173541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1071541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	508419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	423047	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	355693	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.71	98	1421854	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.14	95	508400	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

					Qvalue
6) Chloroethane	1.73	64	1849	Below Cal	# 78
11) Tert butyl alcohol	3.03	59	44798	19.742	ug/l 98
16) Acetone	2.43	43	34754	8.093	ug/l 100
20) Methylene Chloride	2.84	84	2812	0.354	ug/l # 77
25) 2-Butanone	4.66	43	12678	2.013	ug/l # 74
27) cis-1,2-Dichloroethene	4.59	96	3732	0.459	ug/l 77
30) Chloroform	5.20	83	27625	2.139	ug/l 95
31) Cyclohexane	5.57	56	20912	1.777	ug/l # 92
36) 1,1-Dichloropropene	5.65	75	48778	4.845	ug/l # 51
38) Carbon Tetrachloride	5.65	117	63686	6.469	ug/l # 17
39) Methylcyclohexane	7.46	83	108397	8.641	ug/l 97
40) Benzene	6.14	78	28161	0.898	ug/l 94
41) Methacrylonitrile	5.03	41	1475	0.212	ug/l # 44
44) Trichloroethene	7.20	130	3092	0.358	ug/l 80
48) Methyl methacrylate	7.73	41	2671	0.276	ug/l # 30
49) 1,4-Dioxane	7.72	88	350	1.581	ug/l # 7
51) 4-Methyl-2-Pentanone	8.64	43	13265	1.044	ug/l # 68
55) 1,1,2-Trichloroethane	9.16	97	43788	5.435	ug/l # 20
56) Ethyl methacrylate	9.16	69	9604	2.239	ug/l # 1
59) 2-Hexanone	9.50	43	4067	0.414	ug/l 80
64) Tetrachloroethene	9.33	164	10131	1.321	ug/l 90
67) Ethyl Benzene	10.25	91	5371394	143.462	ug/l 98
68) m/p-Xylenes	10.36	106	1792600	126.596	ug/l 99
69) o-Xylene	10.70	106	1325879	95.641	ug/l 99
70) Styrene	10.70	104	64222	2.771	ug/l # 1
71) Bromoform	10.84	173	228	3.231	ug/l # 28
73) Isopropylbenzene	11.01	105	6362677	188.754	ug/l 98
74) N-amyl acetate	10.90	43	77595	4.964	ug/l # 1
75) 1,1,2,2-Tetrachloroethane	11.28	83	52139	4.240	ug/l # 37
76) 1,2,3-Trichloropropane	11.35	75	76825	7.439	ug/l # 1
78) n-propylbenzene	11.35	91	11746718	312.830	ug/l 92
79) 2-Chlorotoluene	11.45	91	923701	40.829	ug/l # 40
80) 1,3,5-Trimethylbenzene	11.50	105	4022637	143.268	ug/l 98
81) trans-1,4-Dichloro-2-buten	11.01	75	71241	17.757	ug/l # 65

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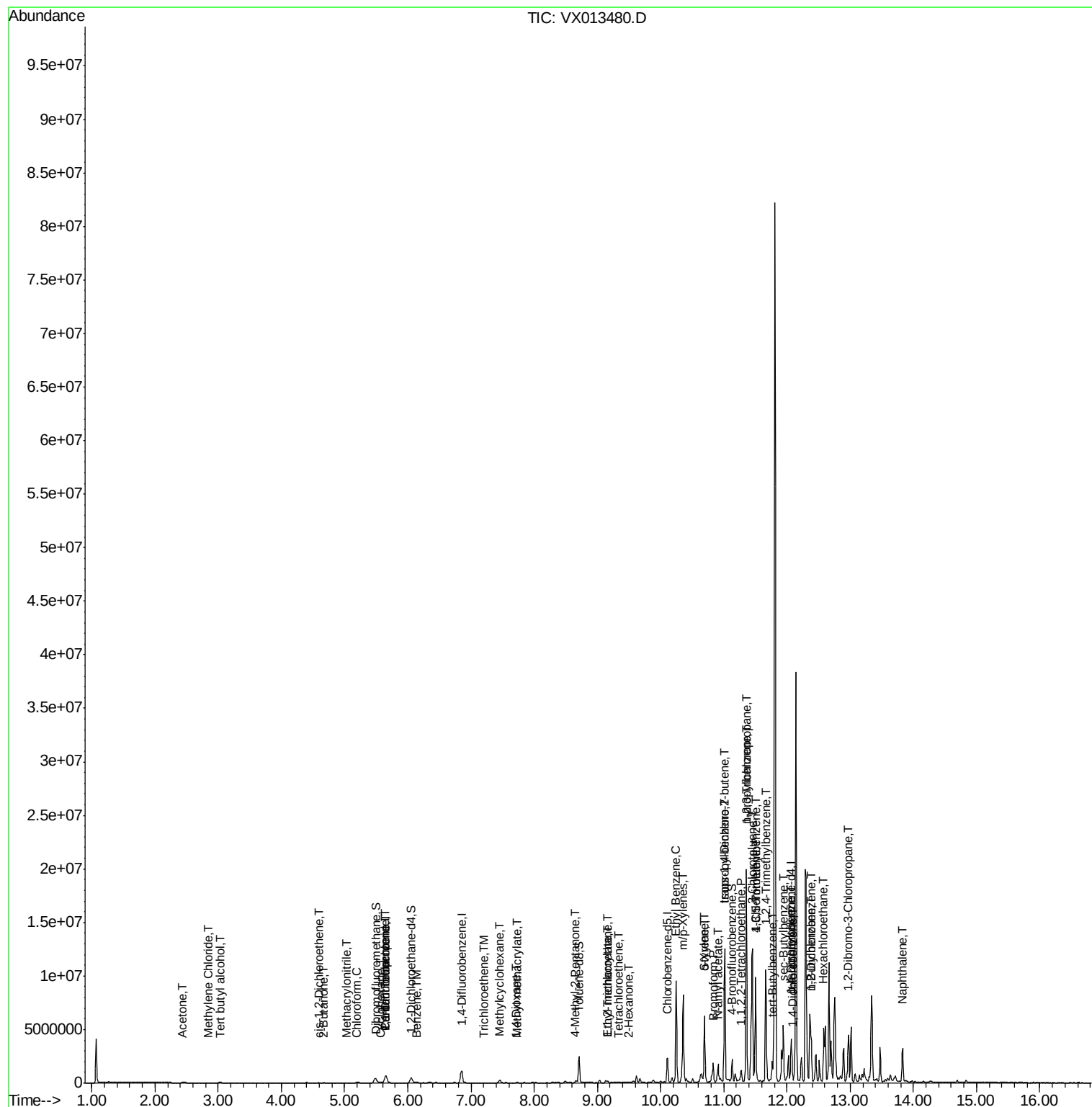
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.50	91	411939	15.555	ug/l #	44
83) tert-Butylbenzene	11.77	119	576394	20.393	ug/l	86
84) 1,2,4-Trimethylbenzene	11.67	105	4900675	173.992	ug/l	79
85) sec-Butylbenzene	11.94	105	2835868	87.300	ug/l #	74
86) p-Isopropyltoluene	12.06	119	1244938	41.620	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	6856	0.420	ug/l #	7
89) n-Butylbenzene	12.39	91	1820915	69.766	ug/l #	68
90) Hexachloroethane	12.58	117	199649	37.461	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	4561	0.285	ug/l #	60
92) 1,2-Dibromo-3-Chloropropan	12.97	75	14348	4.789	ug/l #	1
95) Naphthalene	13.83	128	1887937	53.875	ug/l	98

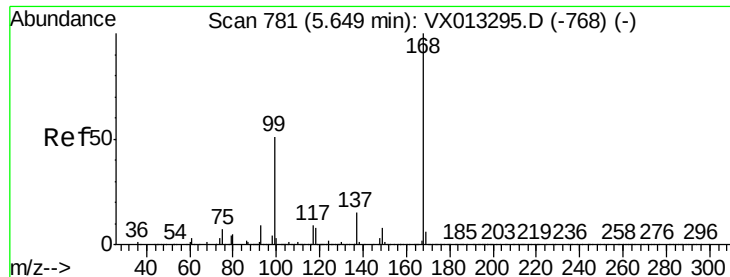
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

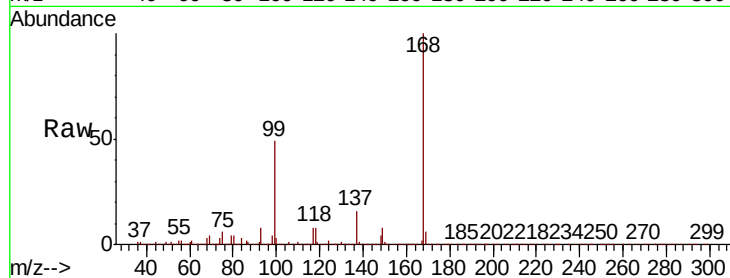
ClientSampleId :

Tot Ion:168 Resp: 726693

Ion Ratio Lower Upper

168 100

99 48.5 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

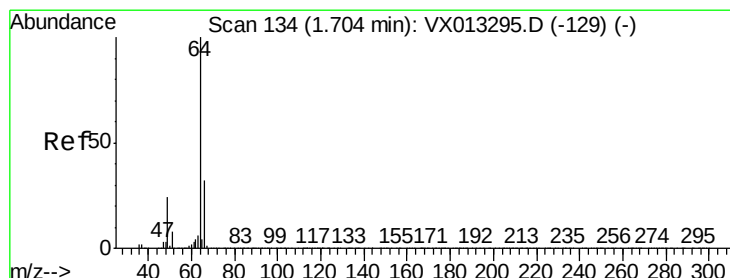
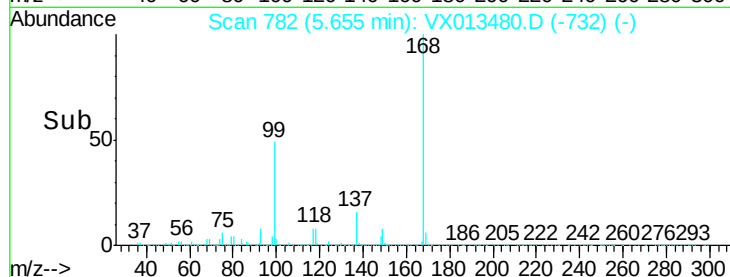
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 139

Delta R.T. 0.03 min

Lab File: VX013480.D

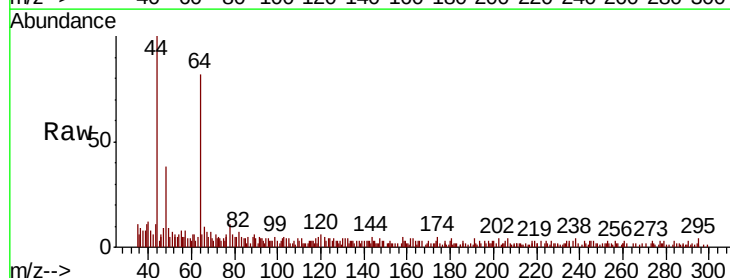
Acq: 20 Nov 2019 16:22

Tgt Ion: 64 Resp: 1849

Ion Ratio Lower Upper

64 100

66 19.6 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

5000

4000

3000

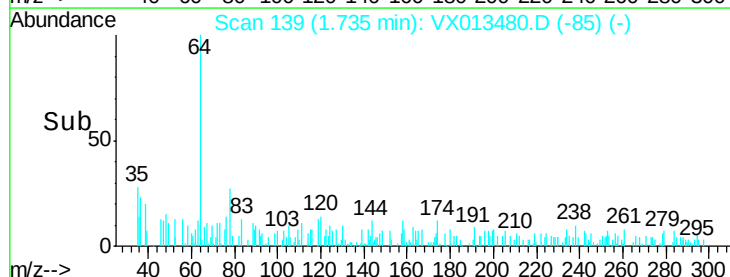
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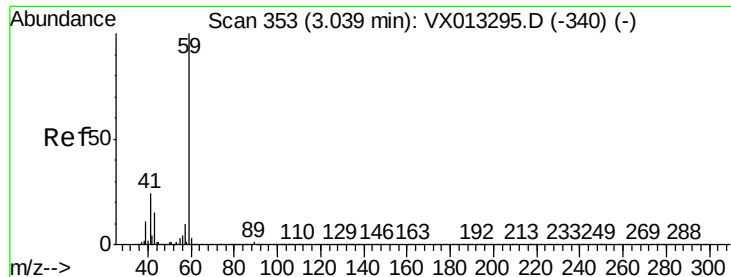
1000

0

Time-->

1.70 1.75



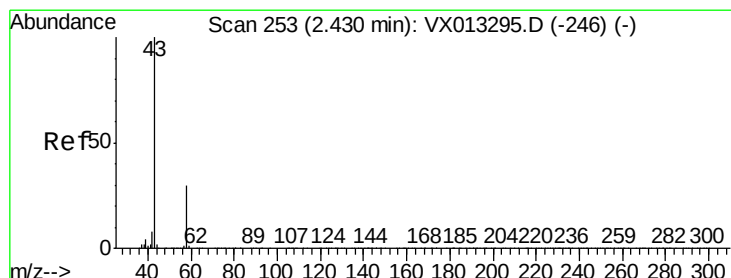
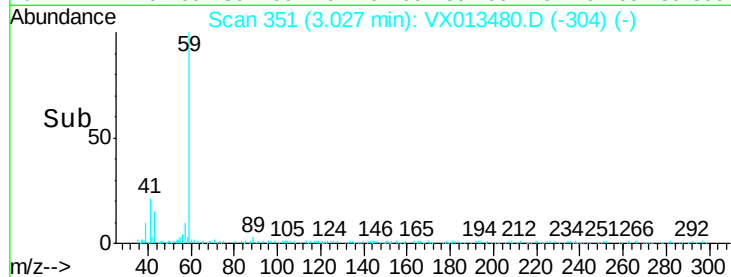
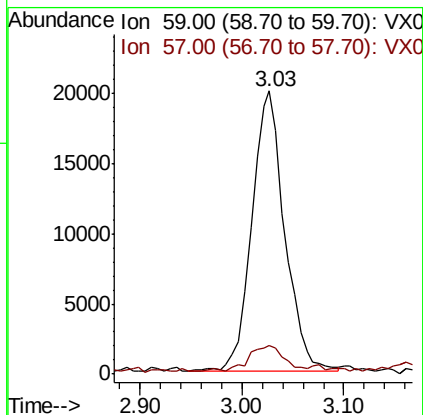
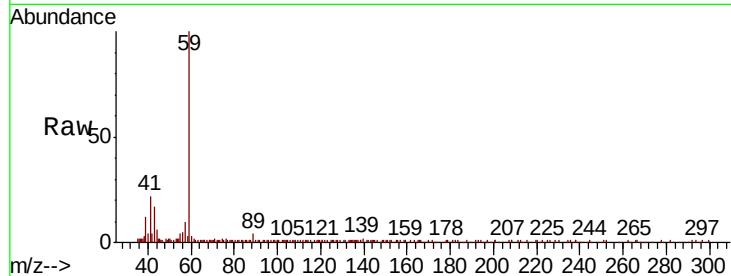


#11

Tert butyl alcohol
 Concen: 19.742 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :

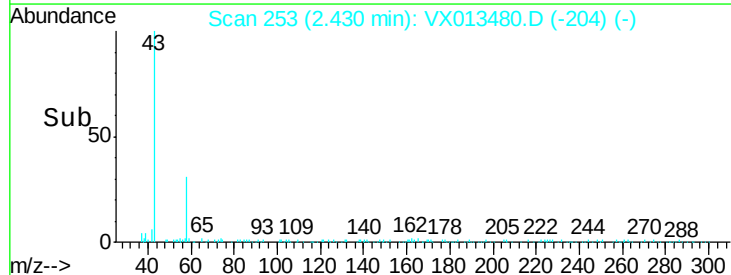
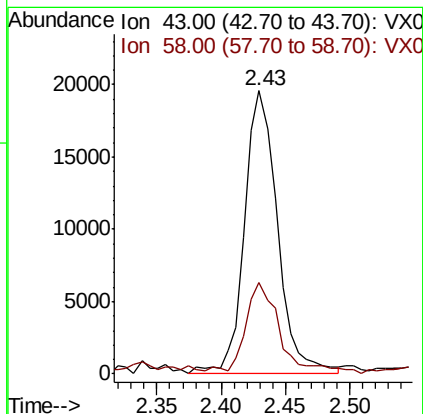
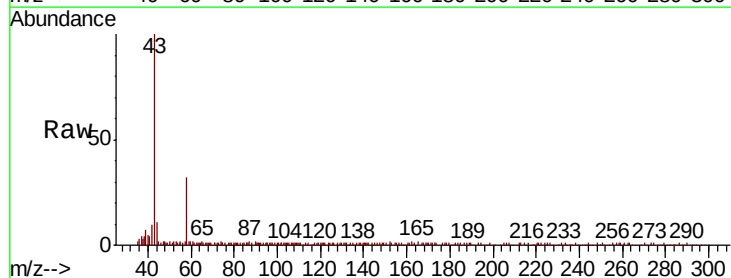
Tot Ion: 59 Resp: 44798
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.0 12.0

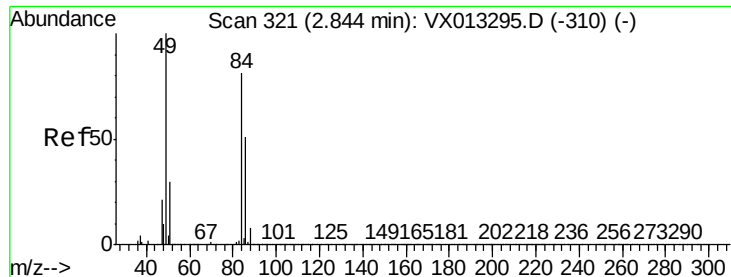


#16

Acetone
 Concen: 8.093 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

Tgt Ion: 43 Resp: 34754
 Ion Ratio Lower Upper
 43 100
 58 30.4 24.3 36.5

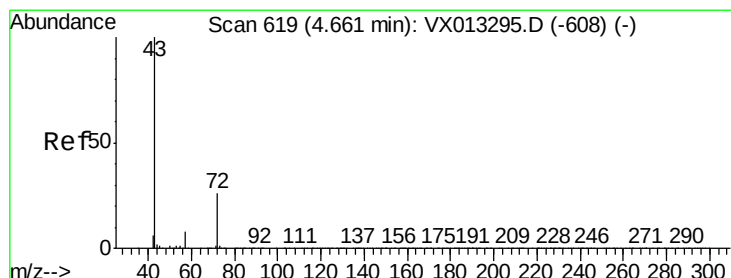
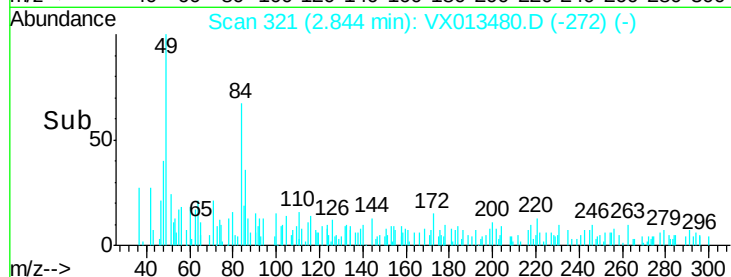
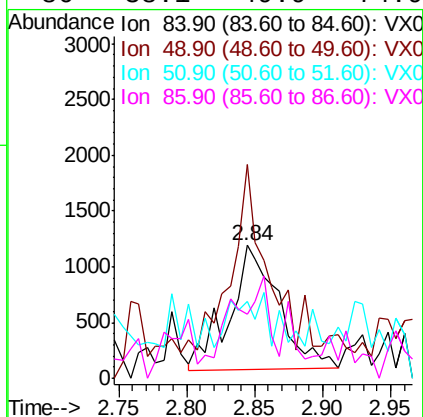
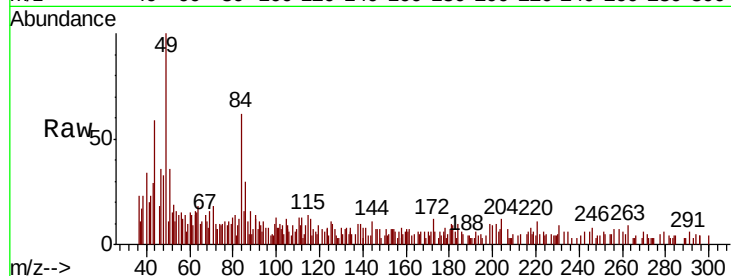




#20
Methvlene Chloride
Concen: 0.354 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

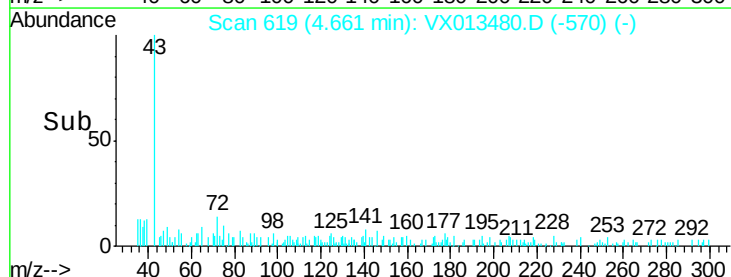
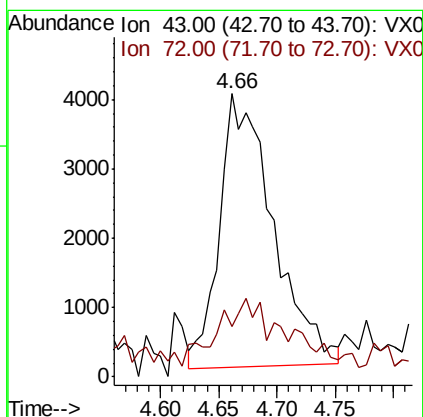
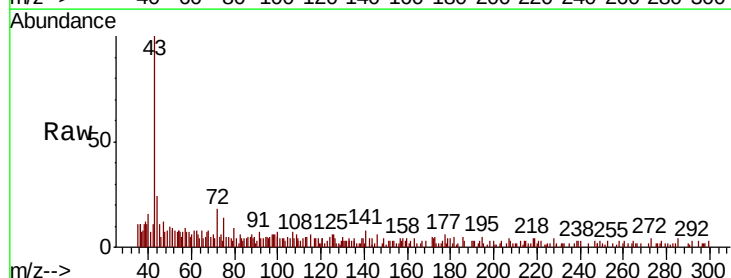
Instrument :
MSVOA_X
ClientSampled :

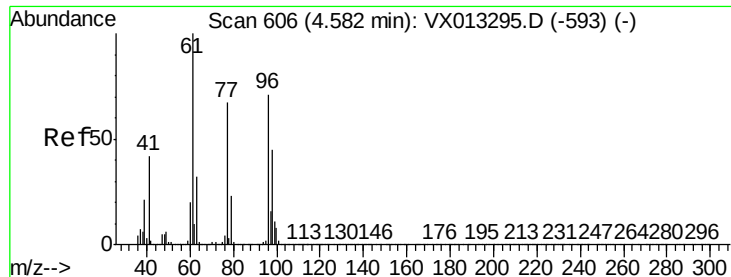
Tot Ion: 84 Resp: 2812
Ion Ratio Lower Upper
84 100
49 142.5 98.2 147.4
51 20.8 29.9 44.9#
86 38.1 49.9 74.9#



#25
2-Butanone
Concen: 2.013 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion: 43 Resp: 12678
Ion Ratio Lower Upper
43 100
72 12.9 21.0 31.6#



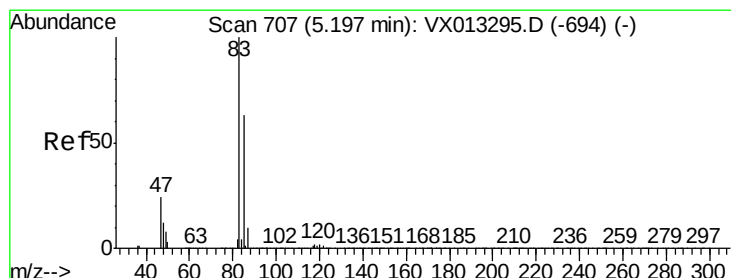
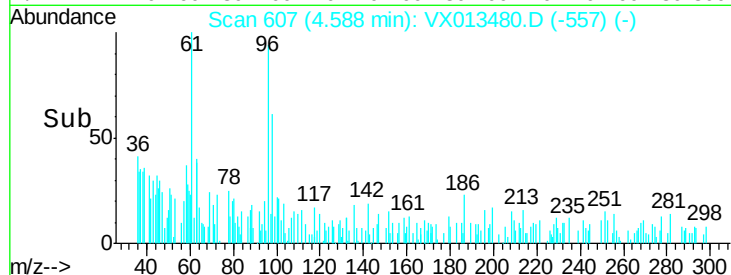
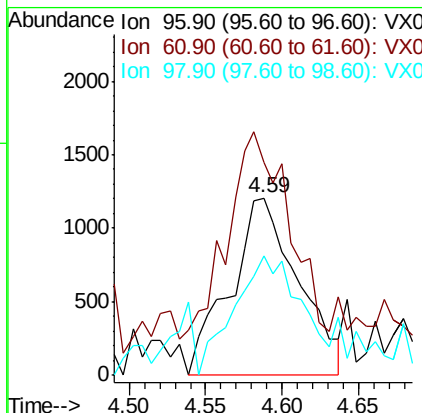
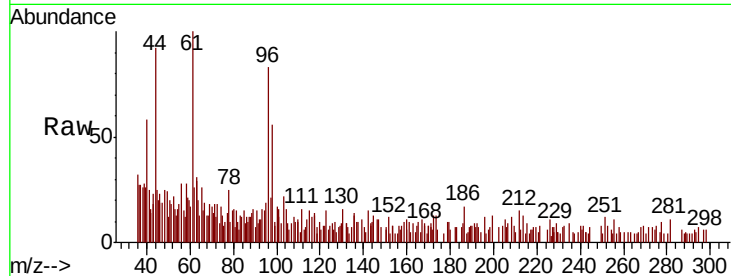


#27

cis-1,2-Dichloroethene
 Concen: 0.459 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

Instrument :
 MSVOA_X
 ClientSampleId :

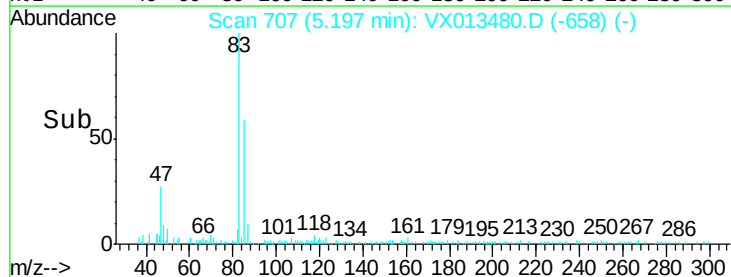
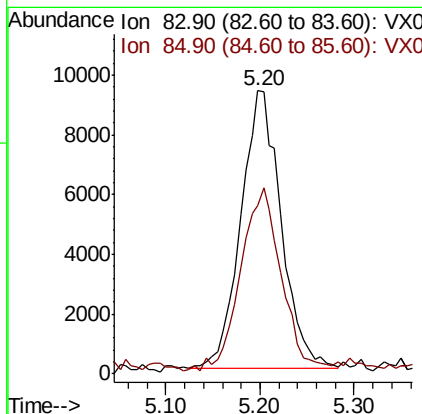
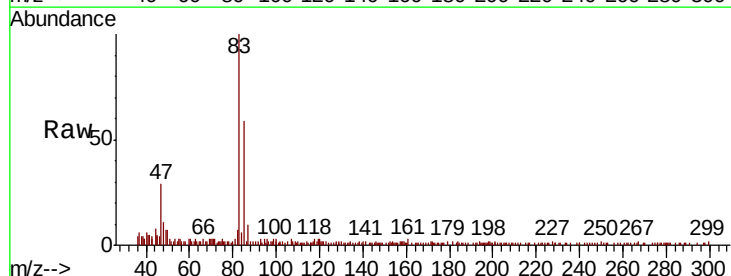
Tot Ion: 96 Resp: 3732
 Ion Ratio Lower Upper
 96 100
 61 104.6 0.0 288.0
 98 66.6 0.0 129.6

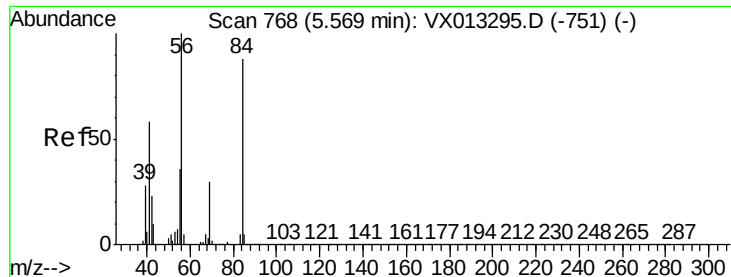


#30

Chloroform
 Concen: 2.139 ug/l
 RT: 5.20 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

Tgt Ion: 83 Resp: 27625
 Ion Ratio Lower Upper
 83 100
 85 59.1 50.2 75.4

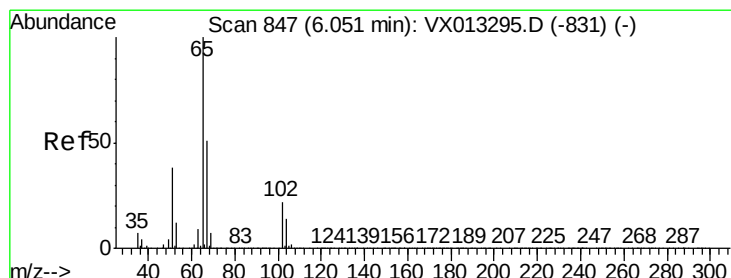
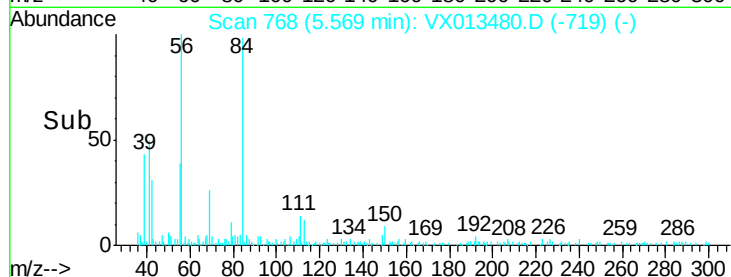
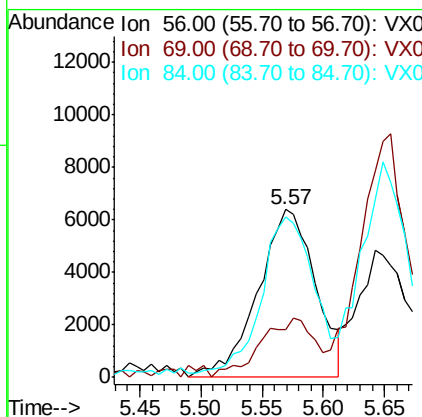
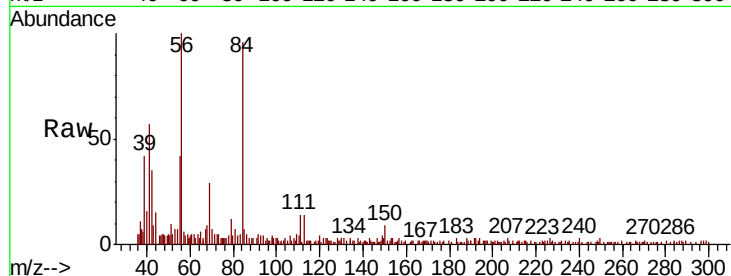




#31
Cyclohexane
Concen: 1.777 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

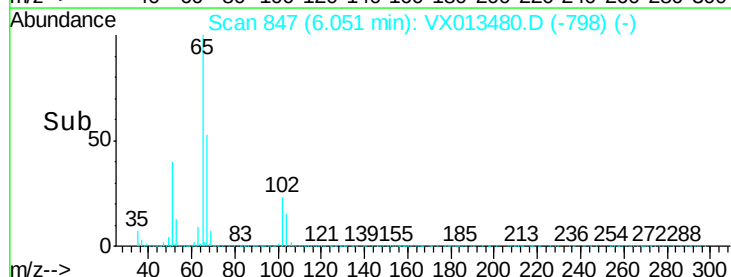
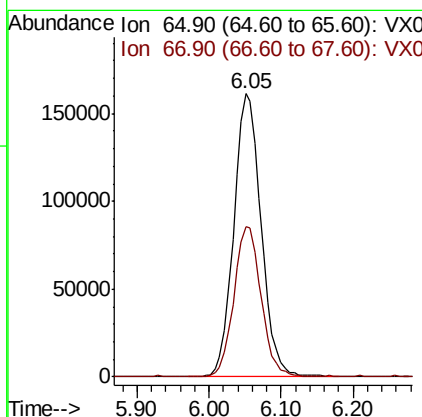
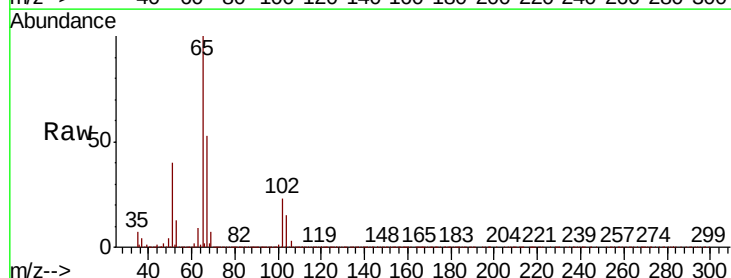
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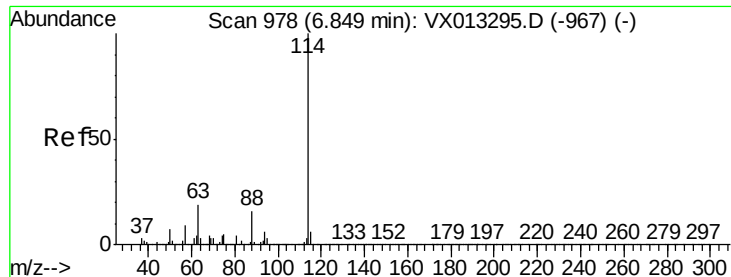
Tot Ion: 56 Resp: 20912
Ion Ratio Lower Upper
56 100
69 21.4 23.7 35.5#
84 93.4 70.6 105.8



#33
1,2-Dichloroethane-d4
Concen: 49.139 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion: 65 Resp: 423047
Ion Ratio Lower Upper
65 100
67 52.9 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: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

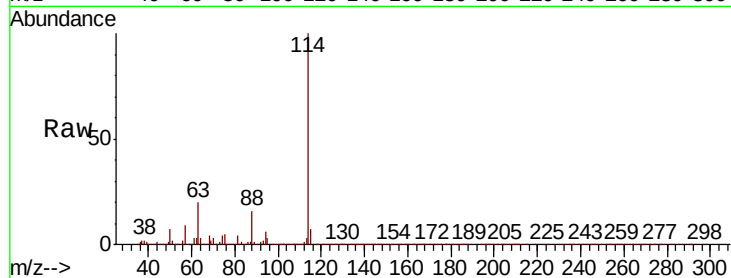
Tot Ion:114 Resp: 1173541

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

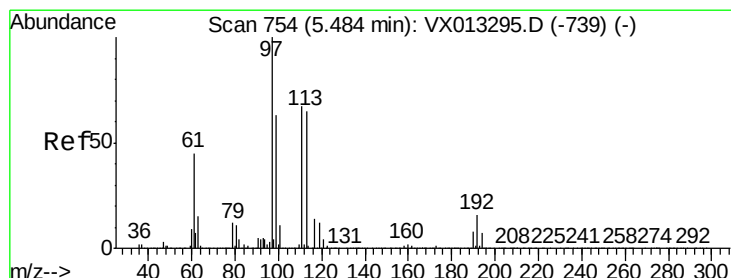
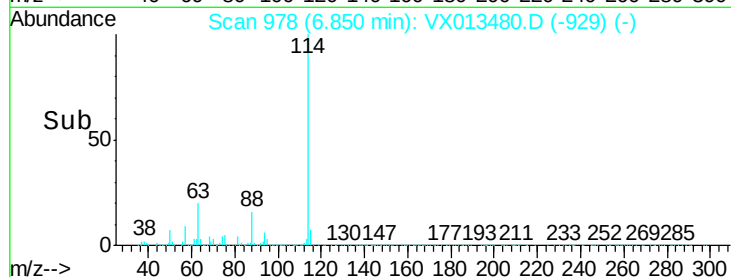
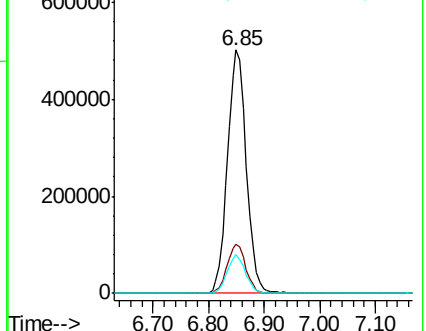
88 15.7 0.0 32.2



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: 48.324 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

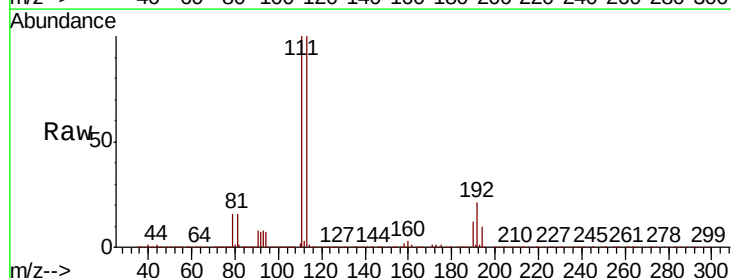
Tgt Ion:113 Resp: 355693

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

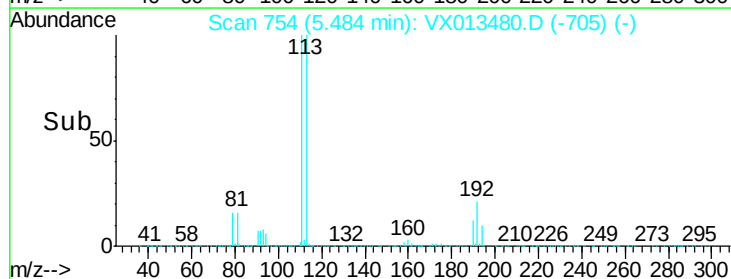
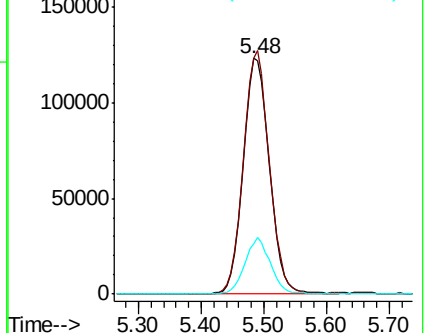
192 23.5 19.1 28.7

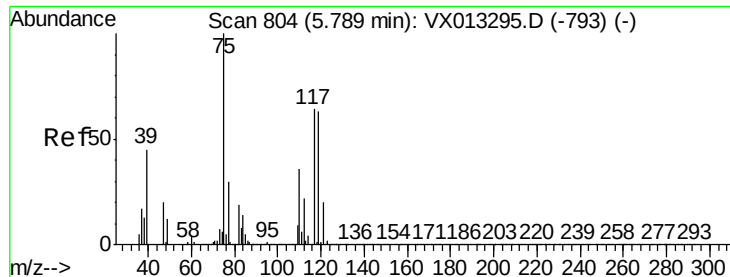


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

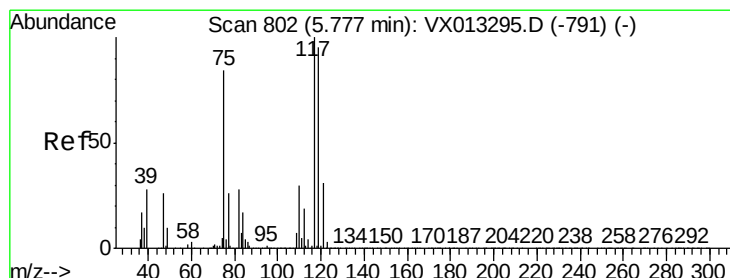
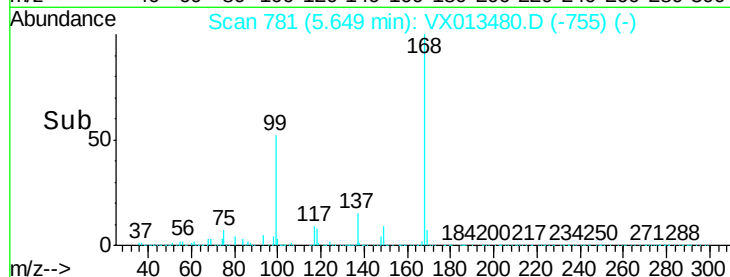
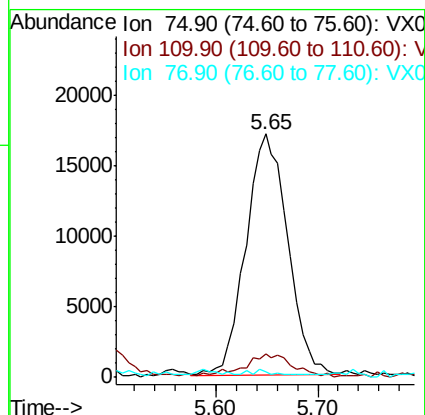
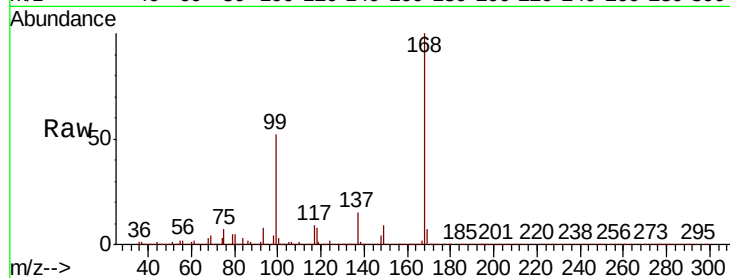
Tot Ion: 75 Resp: 48778

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.1#

77 1.4 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.469 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

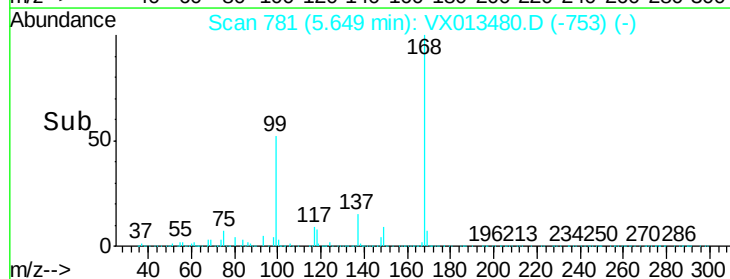
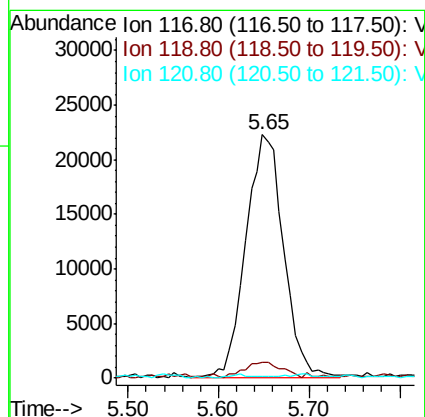
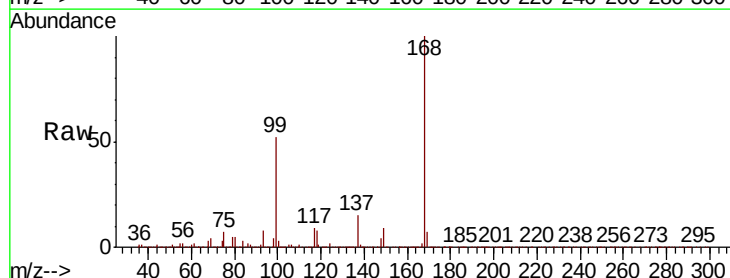
Tgt Ion: 117 Resp: 63686

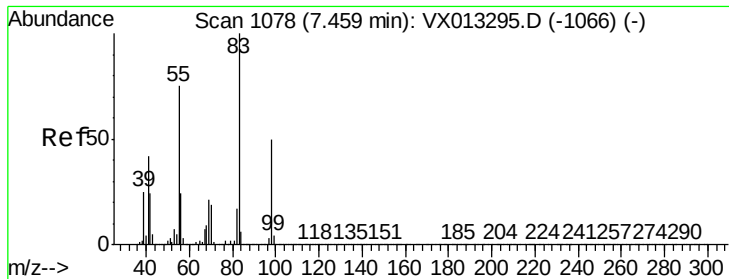
Ion Ratio Lower Upper

117 100

119 6.0 76.1 114.1#

121 0.6 24.6 37.0#

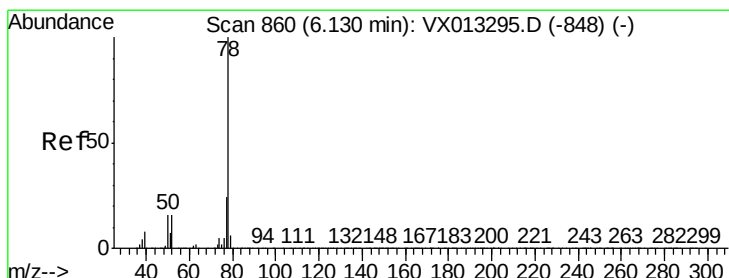
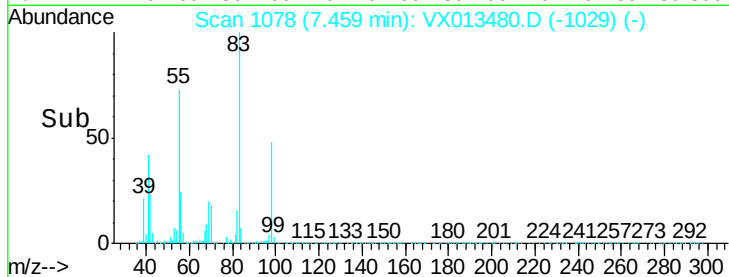
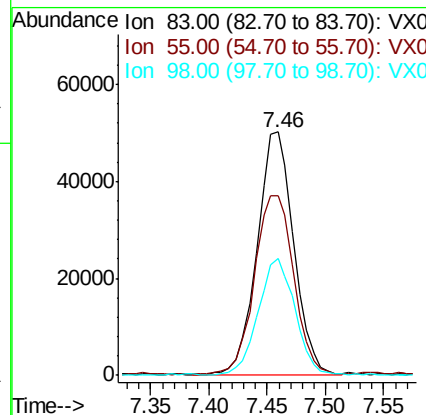
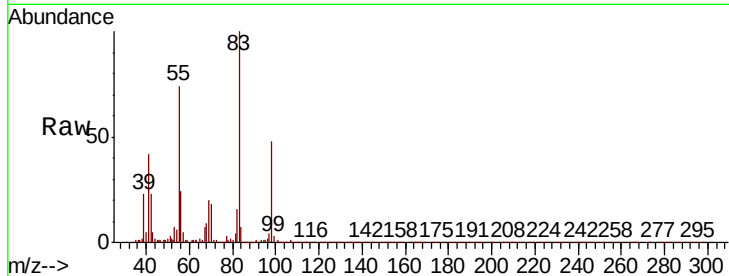




#39
Methylvlcyclohexane
Concen: 8.641 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

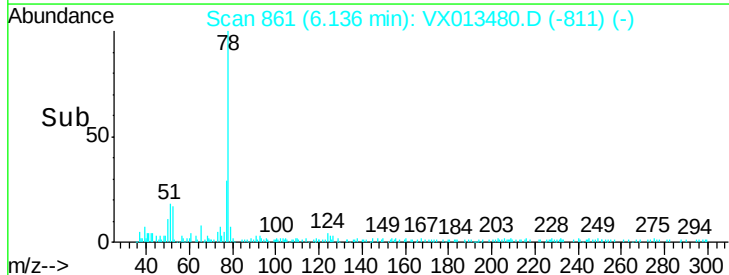
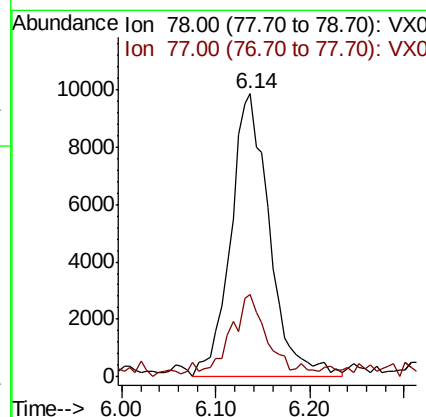
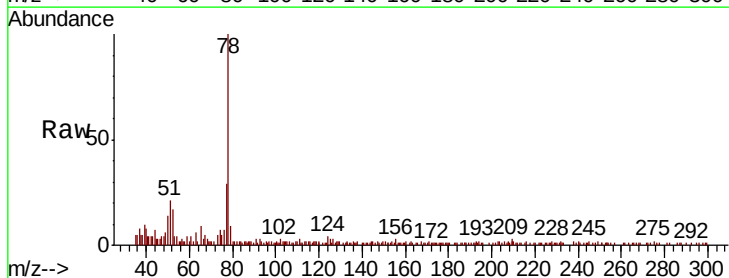
Instrument :
MSVOA_X
ClientSampleId :

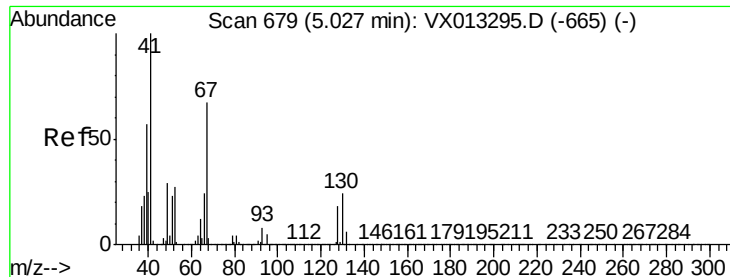
Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	60.3	90.5
98	47.7	40.3	60.5



#40
Benzene
Concen: 0.898 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.3	19.5	29.3

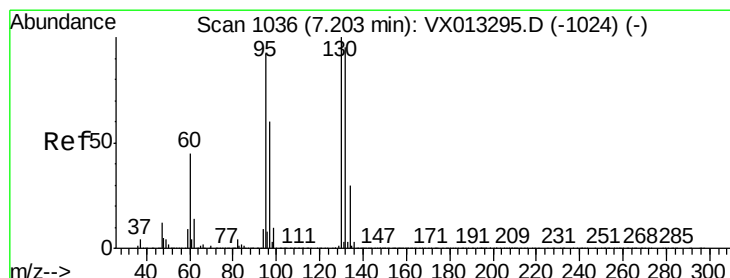
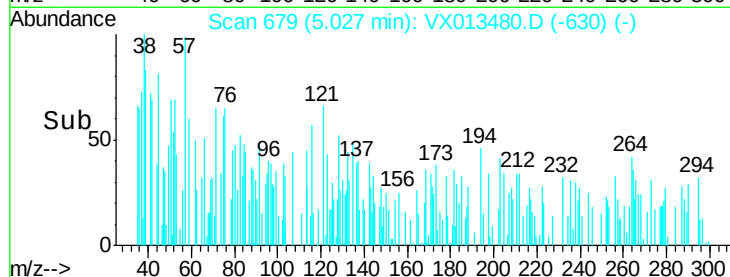
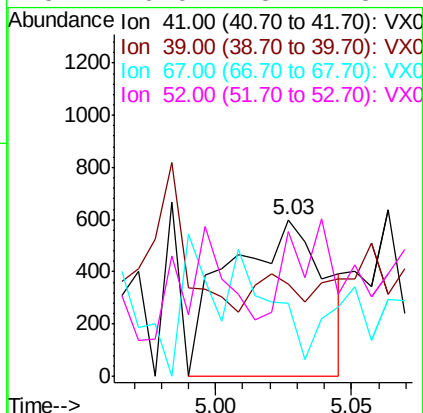
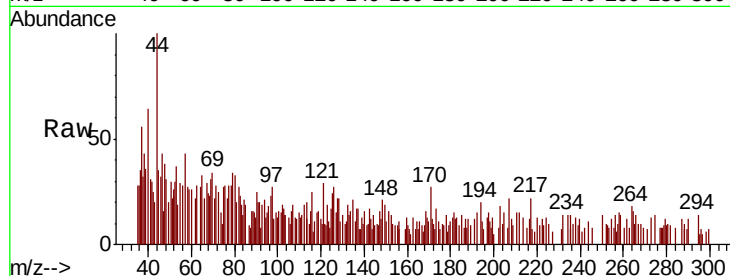




#41
Methacrylonitrile
Concen: 0.212 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

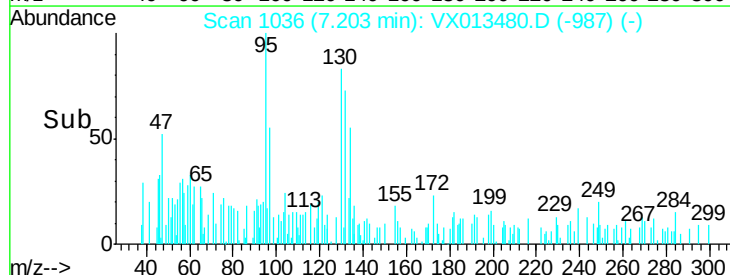
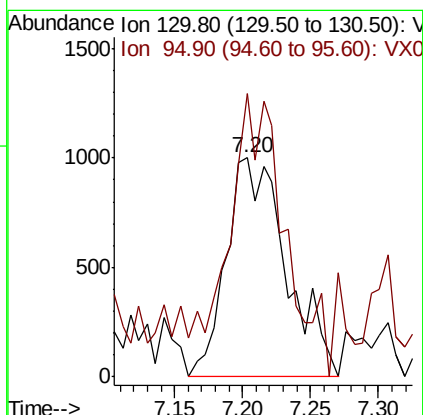
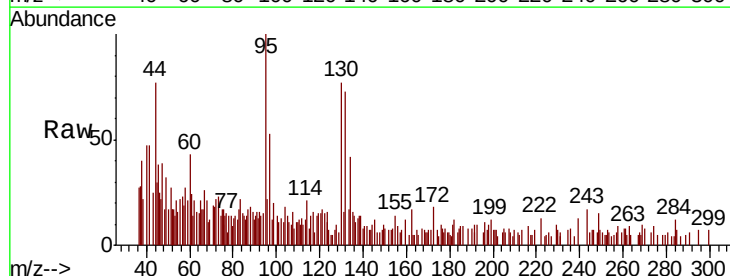
Instrument :
MSVOA_X
ClientSampled :

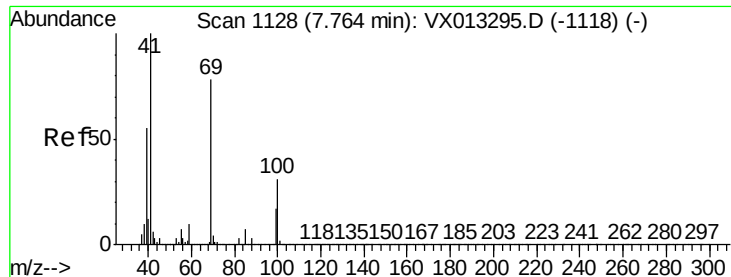
Tot Ion:	41	Resp:	1475
Ion	Ratio	Lower	Upper
41	100		
39	11.2	45.0	67.6#
67	27.2	55.4	83.2#
52	0.0	23.1	34.7#



#44
Trichloroethene
Concen: 0.358 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion:	130	Resp:	3092
Ion	Ratio	Lower	Upper
130	100		
95	111.2	0.0	184.8

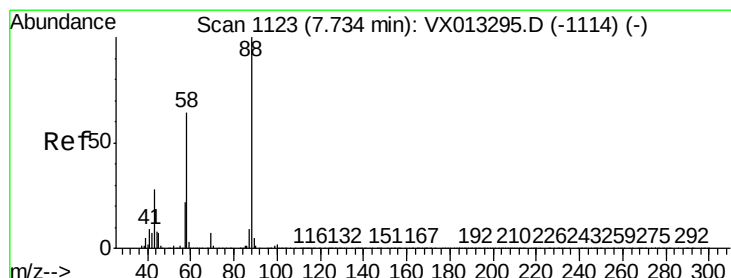
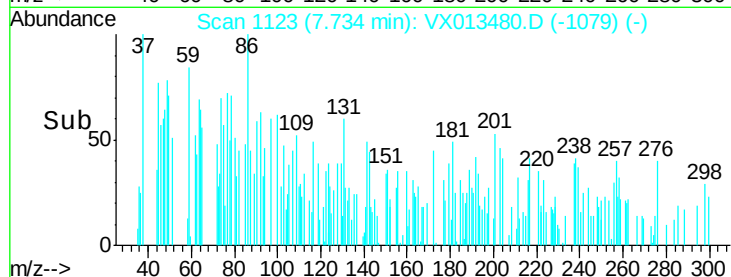
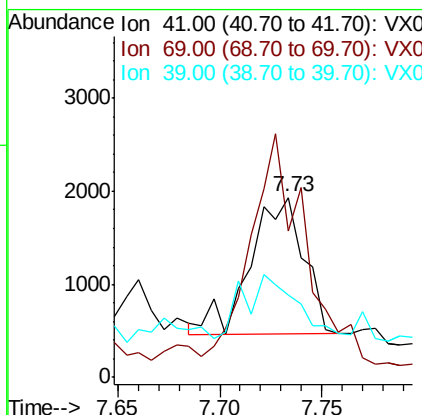
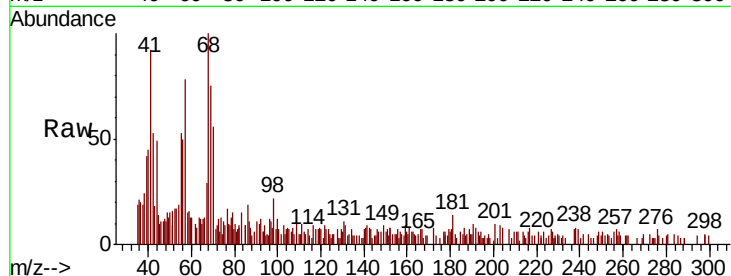




#48
Methvl methacrylate
Concen: 0.276 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

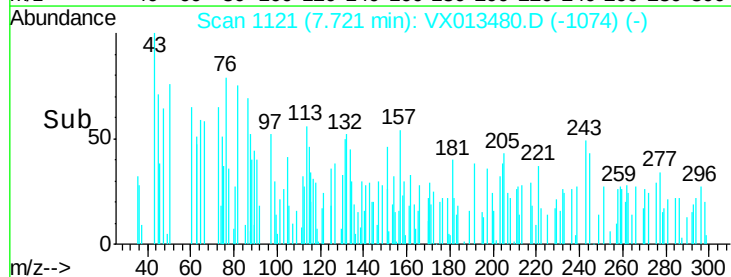
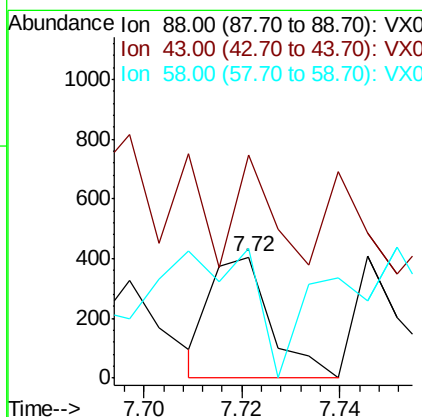
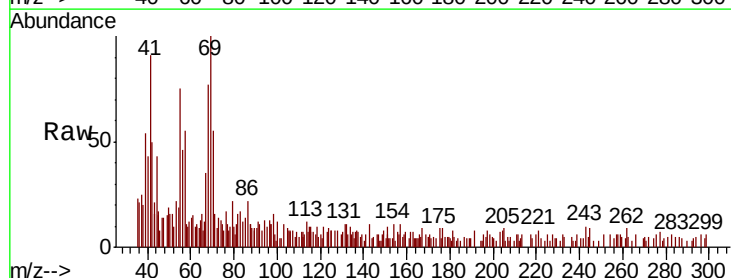
Instrument :
MSVOA_X
ClientSampled :

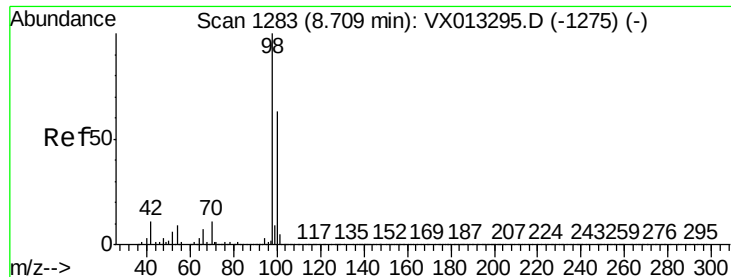
Tot Ion: 41 Resp: 2671
Ion Ratio Lower Upper
41 100
69 175.4 63.0 94.6#
39 47.3 45.9 68.9



#49
1,4-Dioxane
Concen: 1.581 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion: 88 Resp: 350
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 158.0 55.0 82.6#





#50

Toluene-d8

Concen: 51.240 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

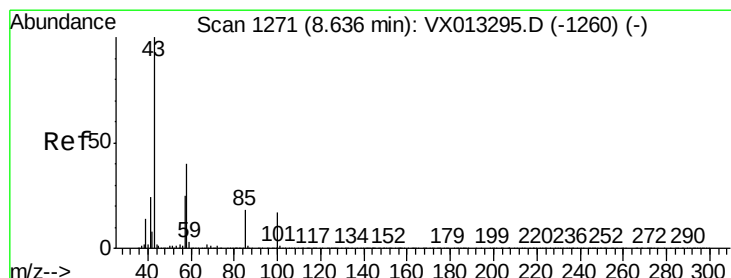
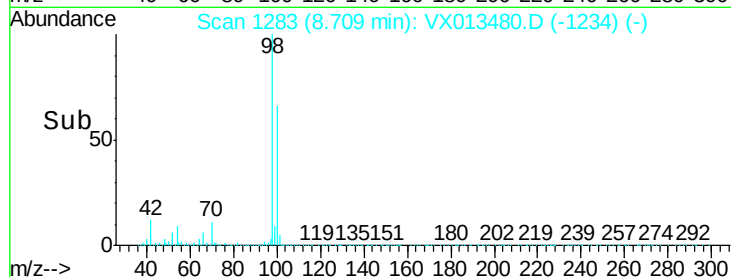
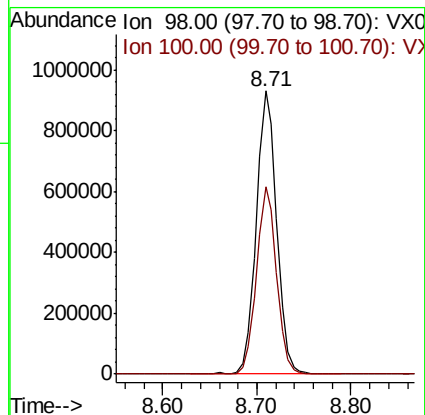
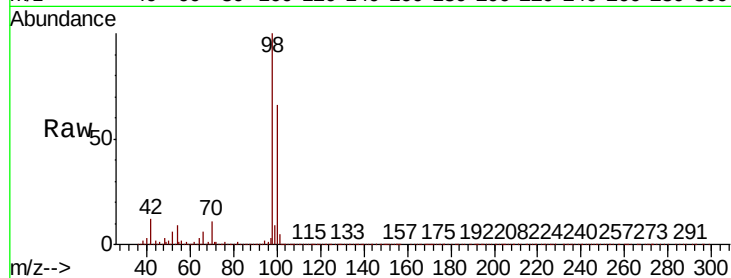
ClientSampleId :

Tot Ion: 98 Resp: 1421854

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.044 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX013480.D

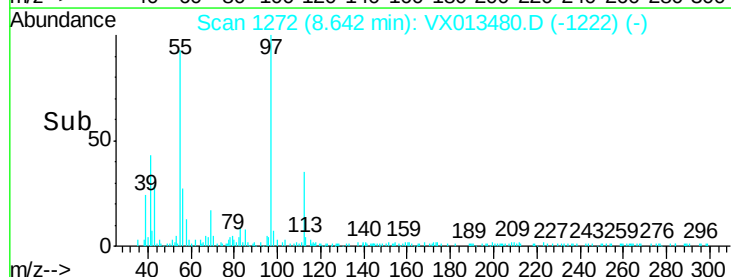
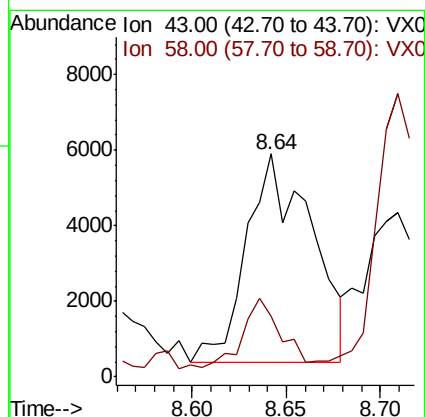
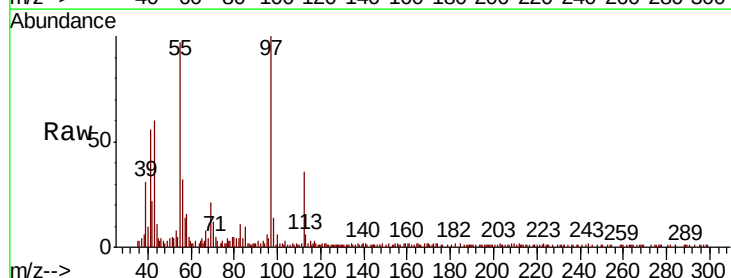
Acq: 20 Nov 2019 16:22

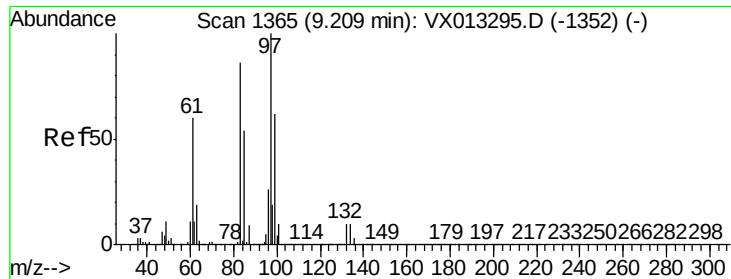
Tgt Ion: 43 Resp: 13265

Ion Ratio Lower Upper

43 100

58 19.4 31.4 47.0#





#55

1,1,2-Trichloroethane

Concen: 5.435 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 43788

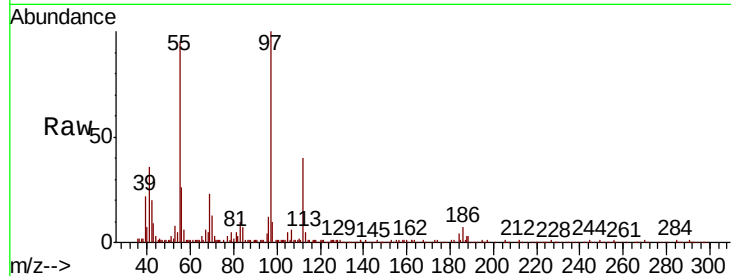
Ion Ratio Lower Upper

97 100

83 8.5 68.6 103.0#

85 0.5 43.1 64.7#

99 0.5 49.4 74.0#

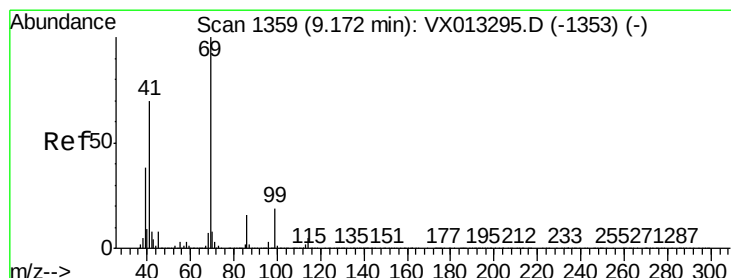
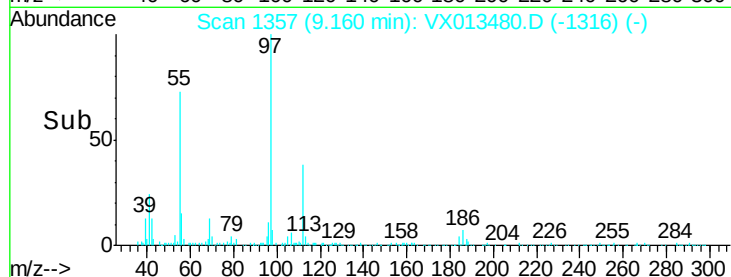
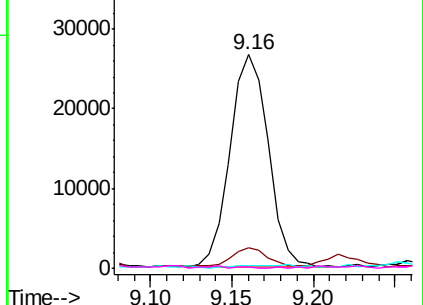


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.239 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

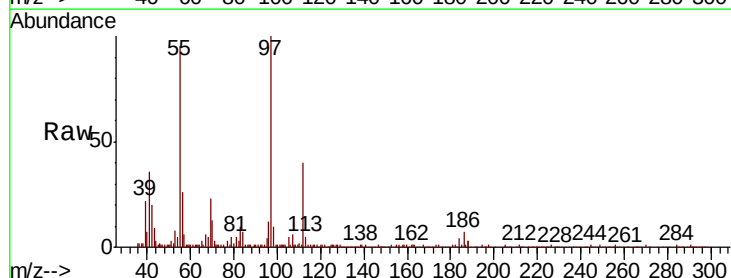
Tgt Ion: 69 Resp: 9604

Ion Ratio Lower Upper

69 100

41 157.9 56.2 84.2#

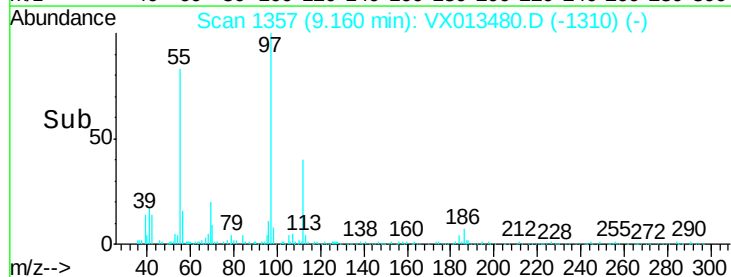
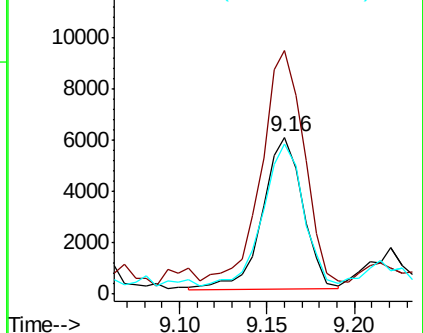
39 93.8 31.1 46.7#

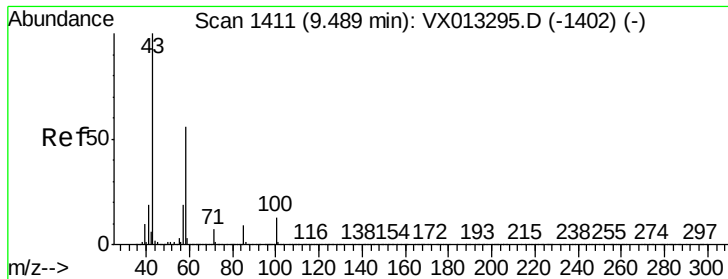


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#59

2-Hexanone

Concen: 0.414 ug/l

RT: 9.50 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

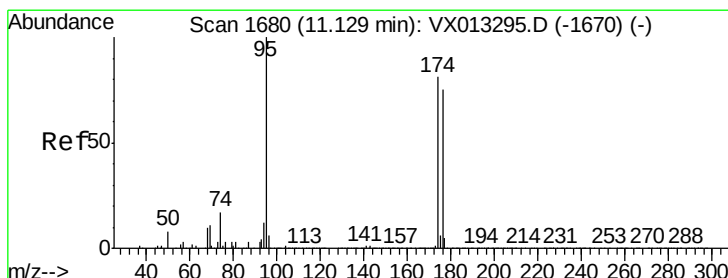
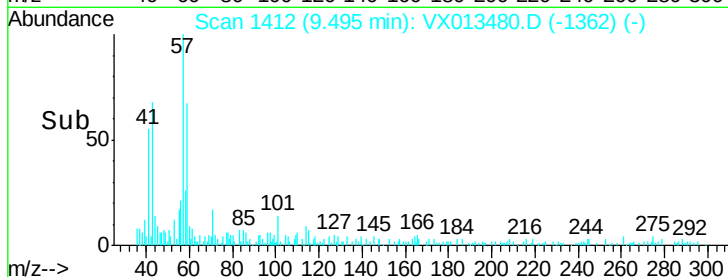
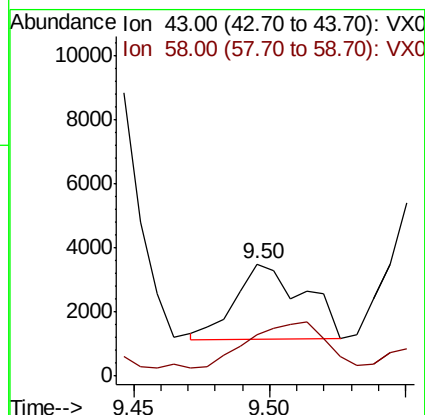
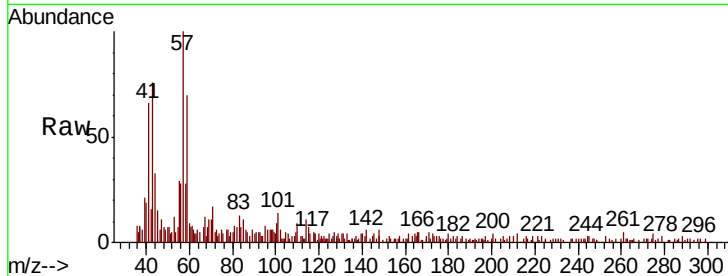
ClientSampled :

Tot Ion: 43 Resp: 4067

Ion Ratio Lower Upper

43 100

58 68.9 27.3 81.8



#62

4-Bromofluorobenzene

Concen: 50.766 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

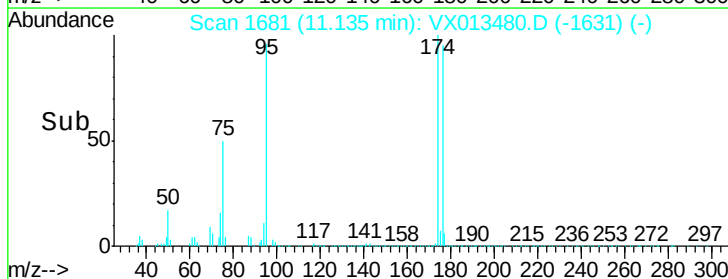
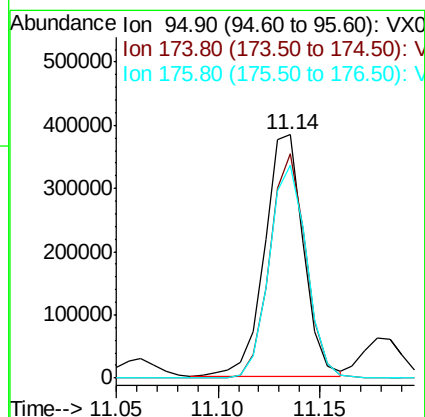
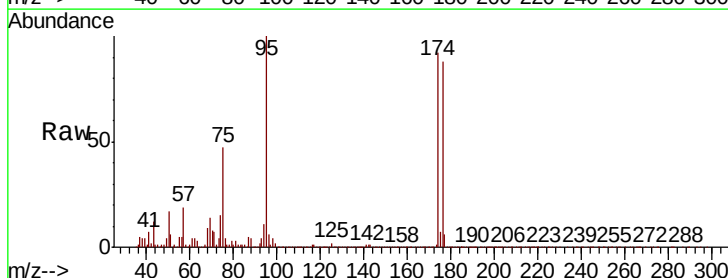
Tgt Ion: 95 Resp: 508400

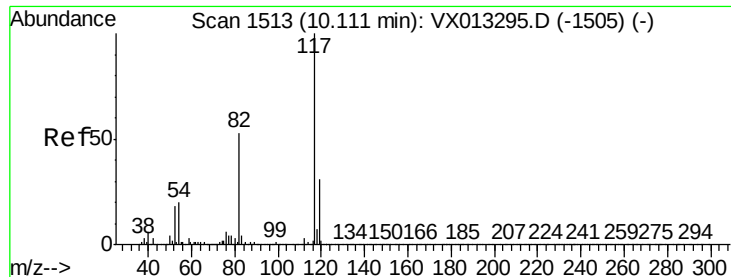
Ion Ratio Lower Upper

95 100

174 86.3 0.0 179.8

176 84.7 0.0 173.0

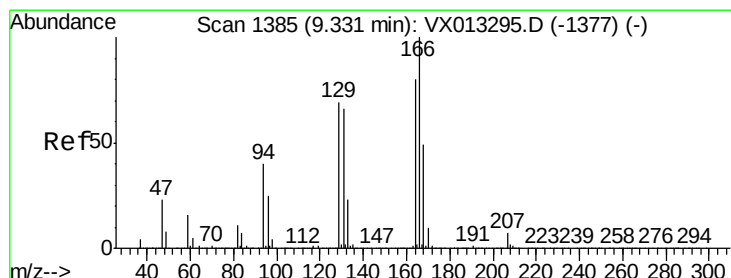
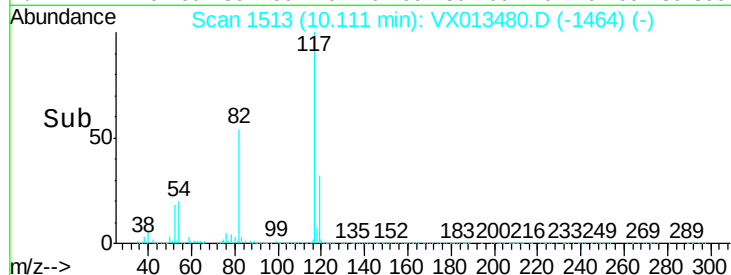
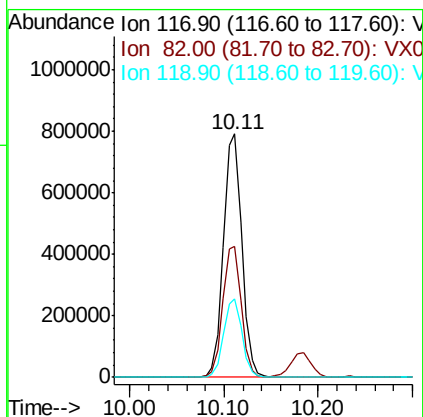
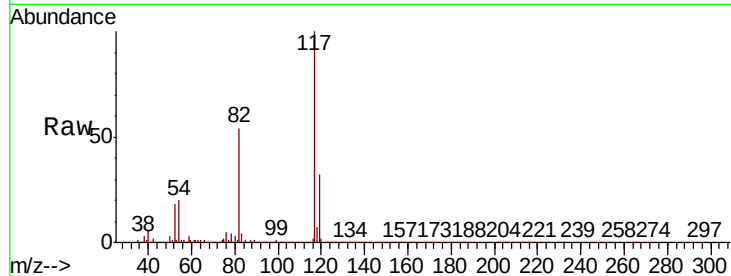




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

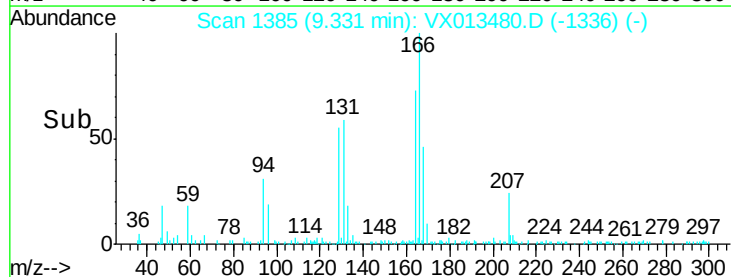
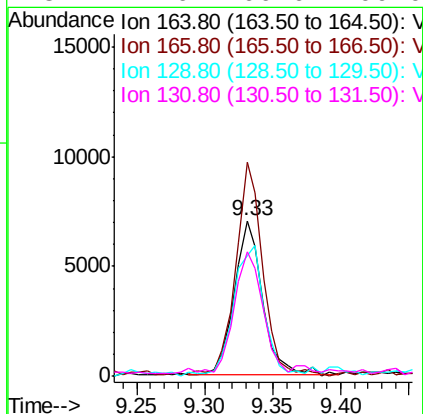
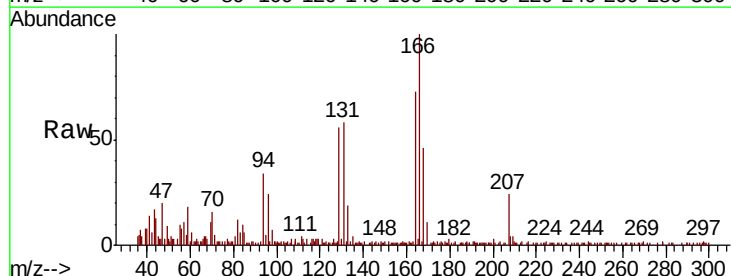
Instrument :
MSVOA_X
ClientSampleId :

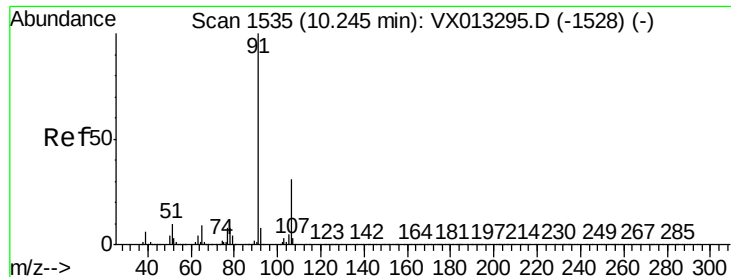
Tot Ion:117 Resp: 1071541
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 1.321 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion:164 Resp: 10131
Ion Ratio Lower Upper
164 100
166 137.3 100.4 150.6
129 75.7 69.4 104.2
131 77.6 66.6 100.0





#67

Ethyl Benzene

Concen: 143.462 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

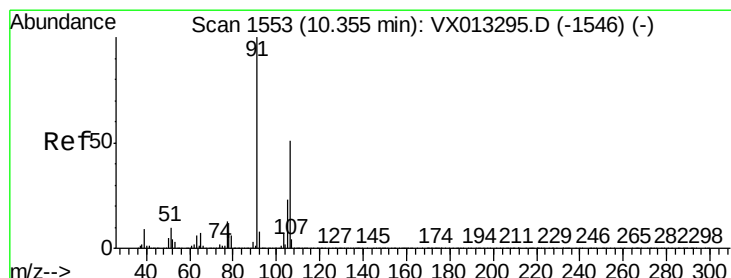
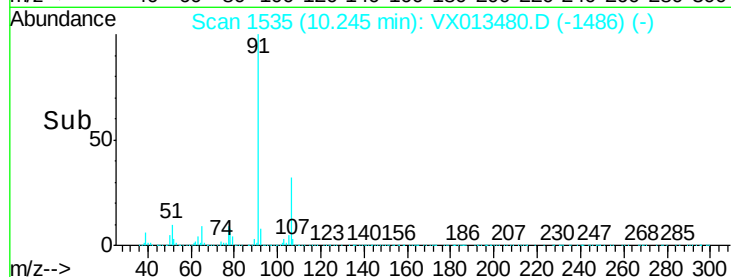
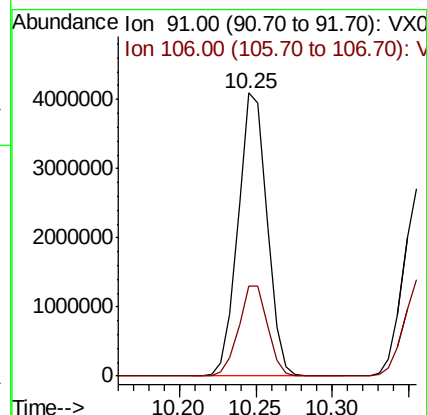
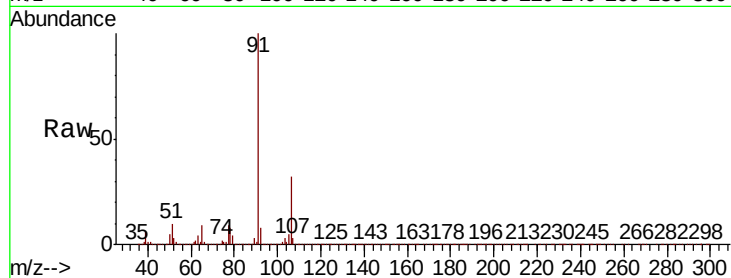
ClientSampleId :

Tot Ion: 91 Resp: 5371394

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 126.596 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013480.D

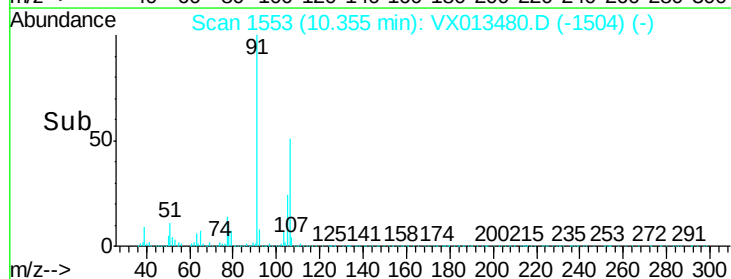
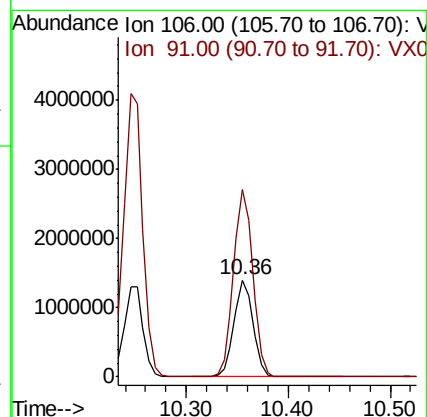
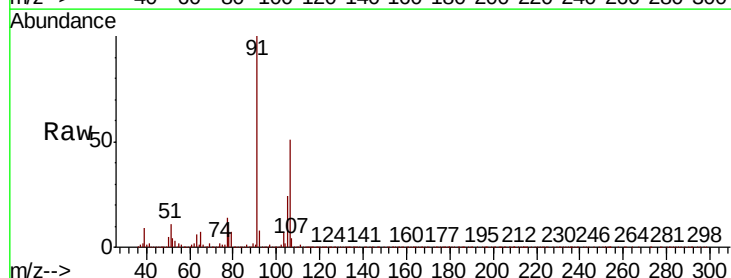
Acq: 20 Nov 2019 16:22

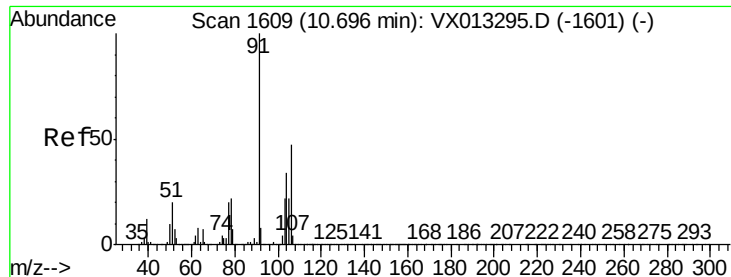
Tgt Ion: 106 Resp: 1792600

Ion Ratio Lower Upper

106 100

91 197.0 159.3 238.9

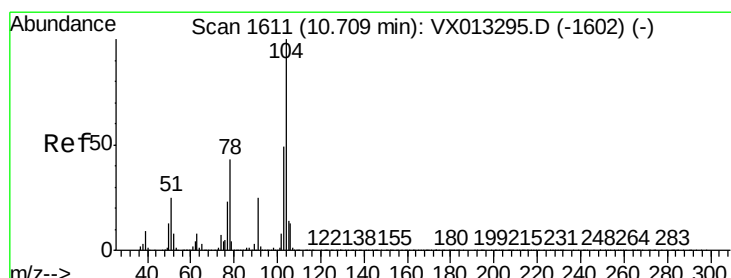
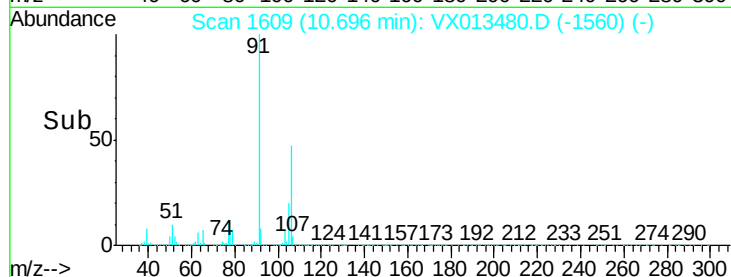
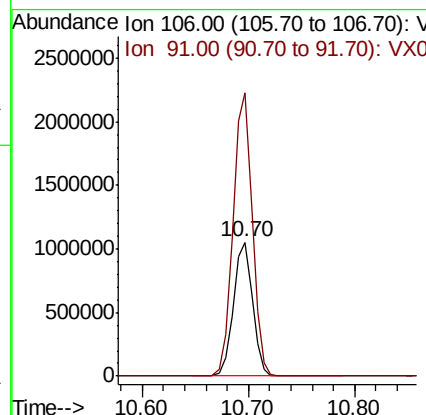
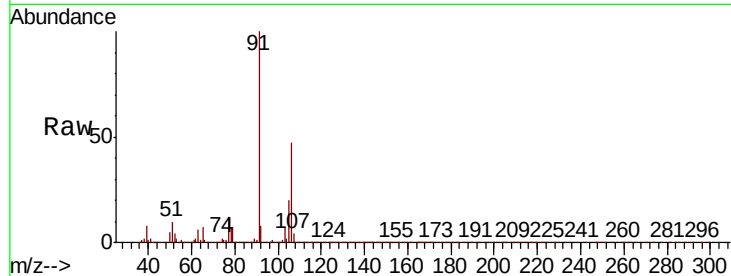




#69
o-Xylene
Concen: 95.641 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

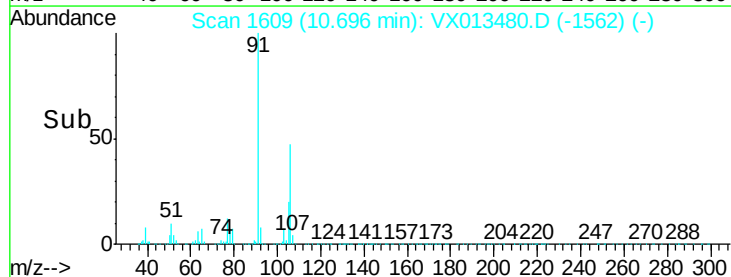
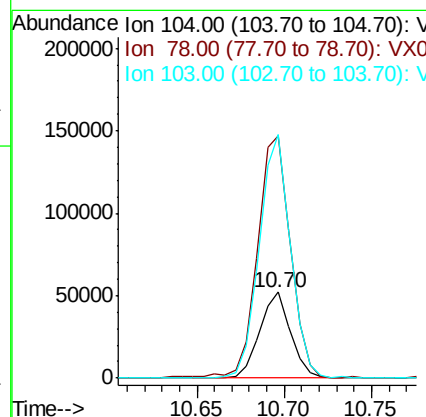
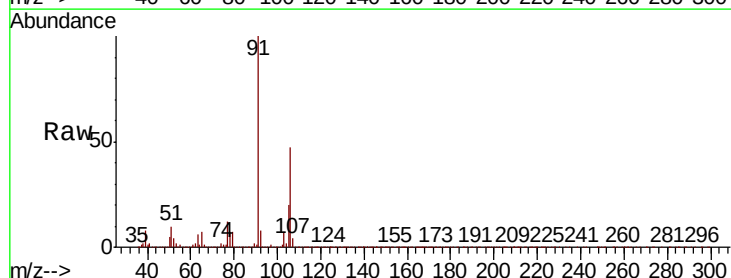
Instrument :
MSVOA_X
ClientSampled :

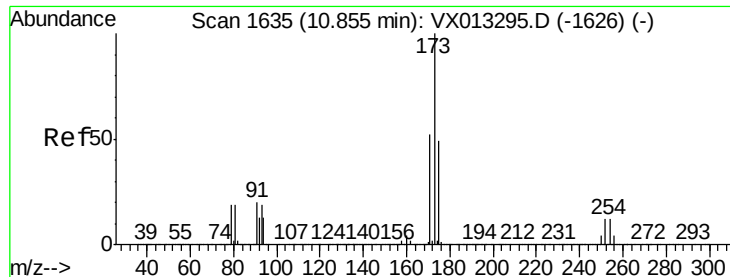
Tot Ion:106 Resp: 1325879
Ion Ratio Lower Upper
106 100
91 213.2 105.7 317.0



#70
Styrene
Concen: 2.771 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion:104 Resp: 64222
Ion Ratio Lower Upper
104 100
78 298.5 40.0 60.0#
103 284.1 44.1 66.1#





#71

Bromoform

Concen: 3.231 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

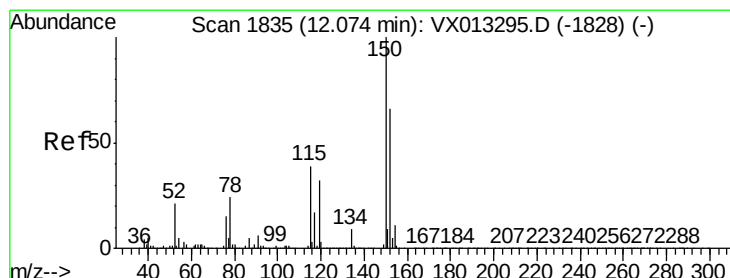
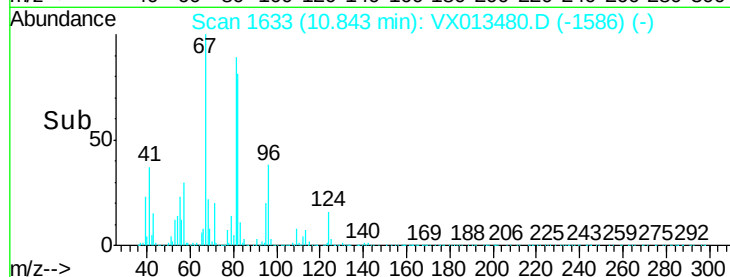
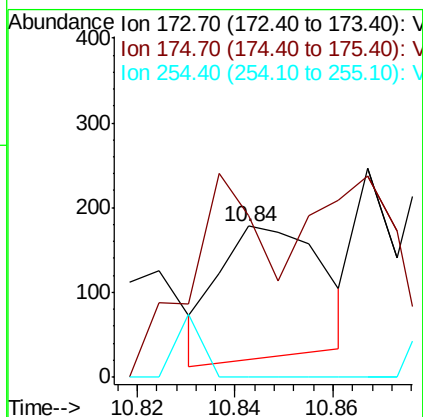
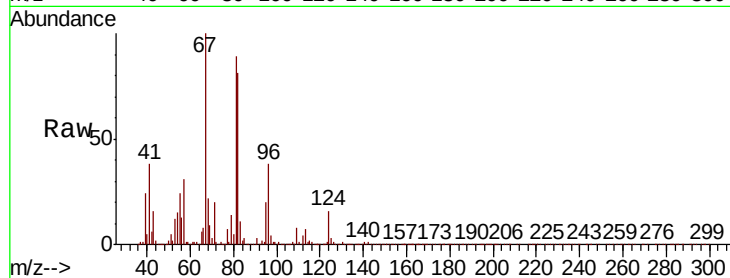
Tot Ion:173 Resp: 228

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 0.0 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: VX013480.D

Acq: 20 Nov 2019 16:22

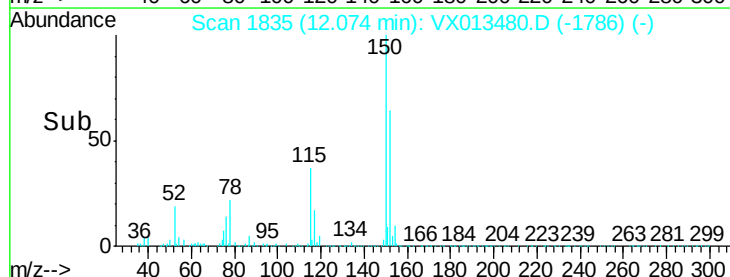
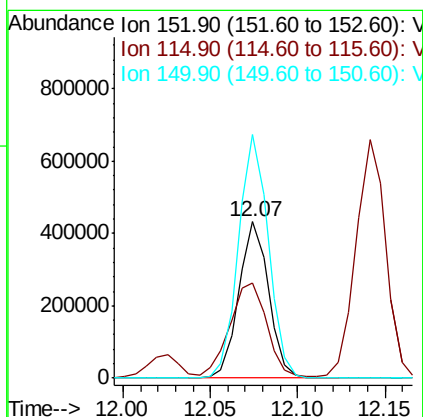
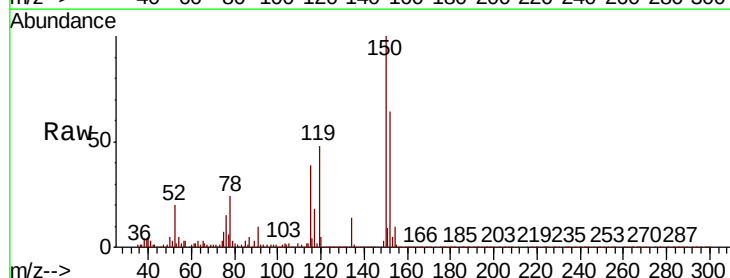
Tgt Ion:152 Resp: 508419

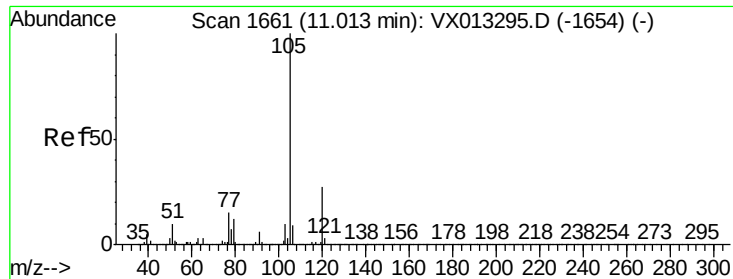
Ion Ratio Lower Upper

152 100

115 74.1 39.5 118.3

150 157.8 0.0 344.4





#73

Isopropylbenzene

Concen: 188.754 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

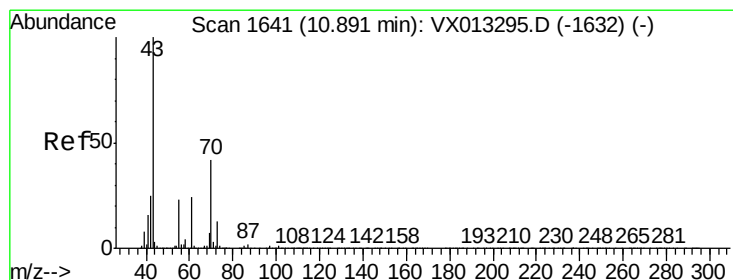
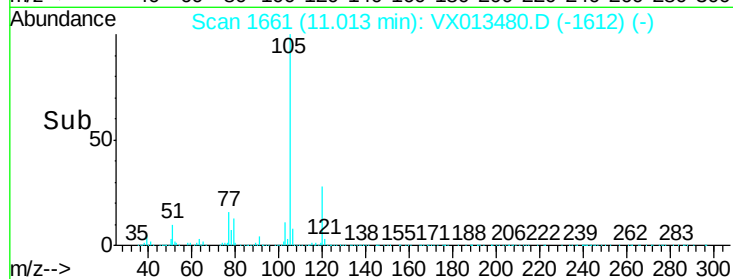
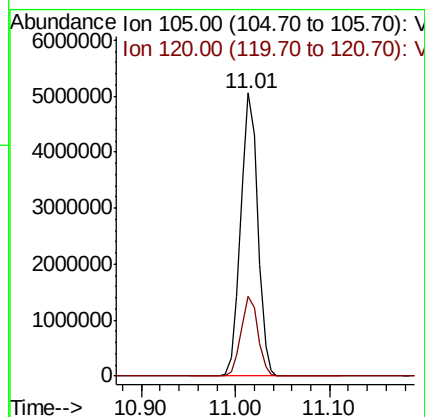
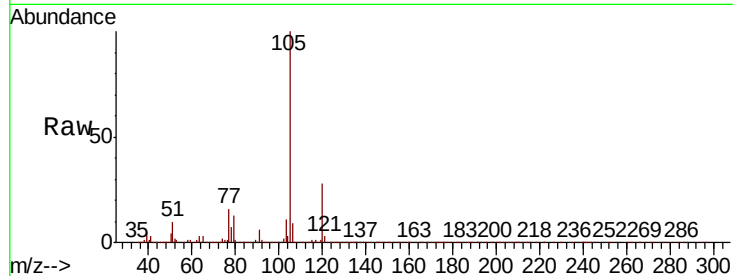
Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 6362677

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.5	40.5



#74

N-ethyl acetate

Concen: 4.964 ug/l

RT: 10.90 min Scan# 1643

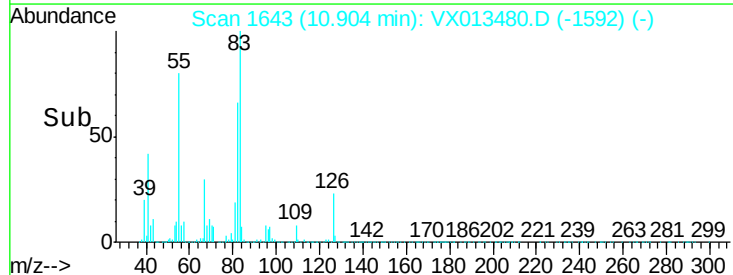
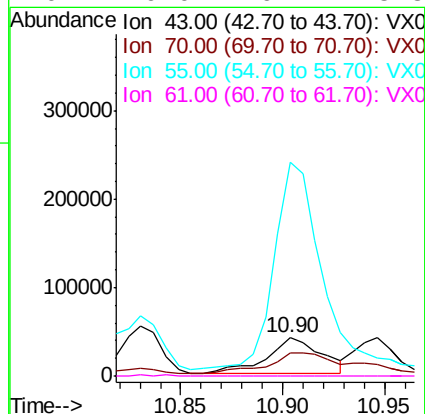
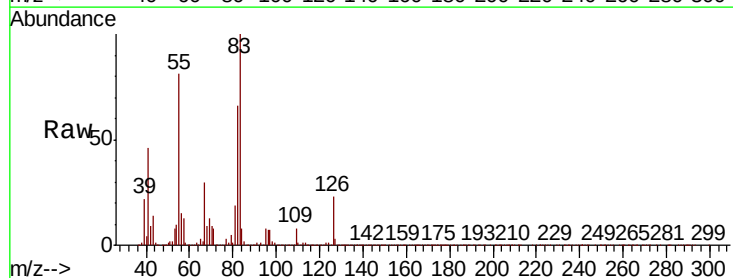
Delta R.T. 0.01 min

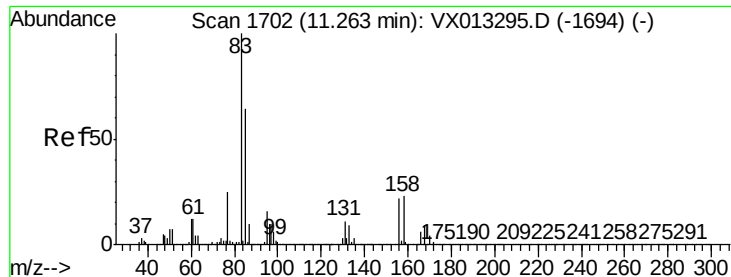
Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Tgt Ion: 43 Resp: 77595

Ion	Ratio	Lower	Upper
43	100		
70	93.4	34.1	51.1#
55	490.0	18.9	28.3#
61	0.0	19.2	28.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.240 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

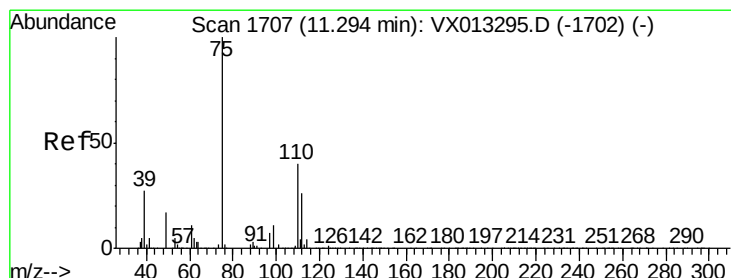
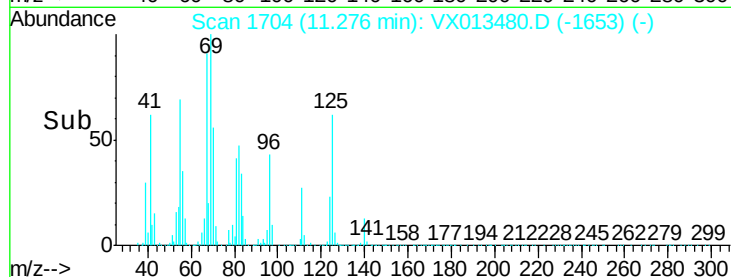
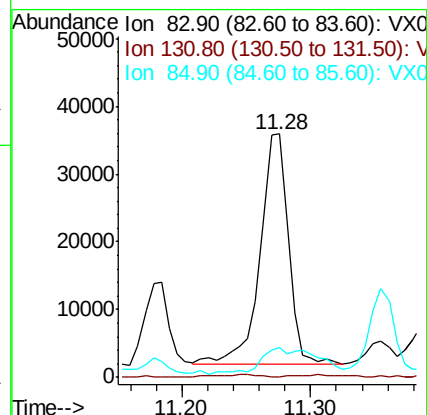
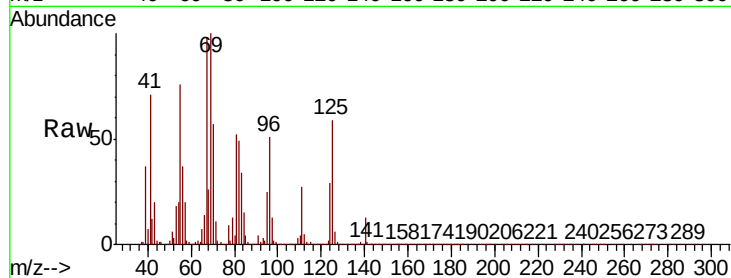
Tot Ion: 83 Resp: 52139

Ion Ratio Lower Upper

83 100

131 0.6 5.1 15.3#

85 10.8 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 7.439 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013480.D

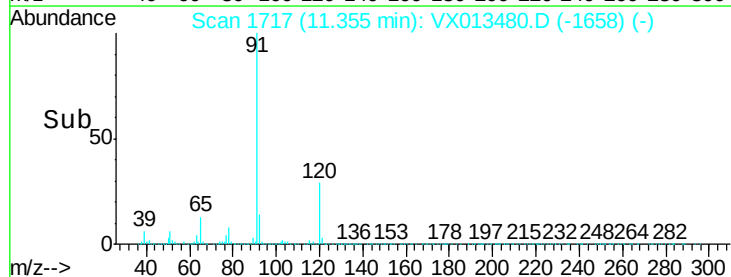
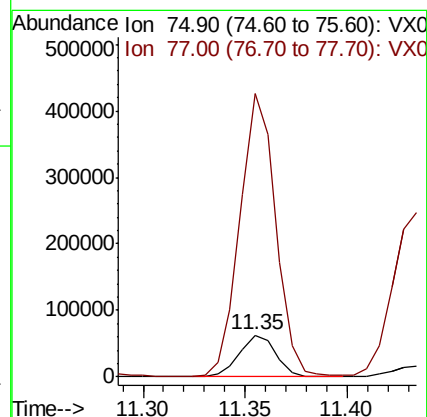
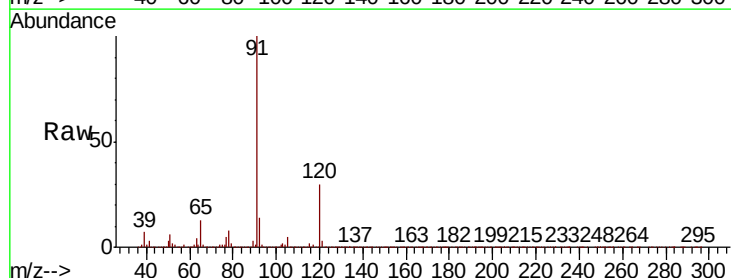
Acq: 20 Nov 2019 16:22

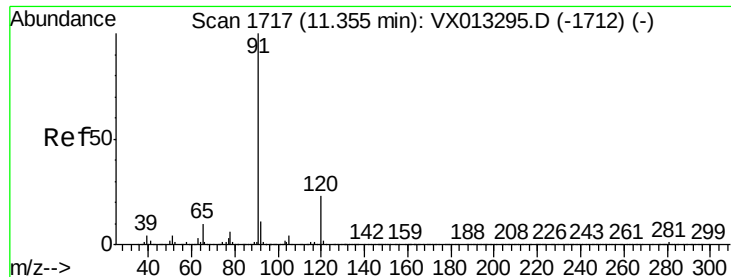
Tgt Ion: 75 Resp: 76825

Ion Ratio Lower Upper

75 100

77 675.8 22.3 66.8#





#78

n-propylbenzene

Concen: 312.830 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

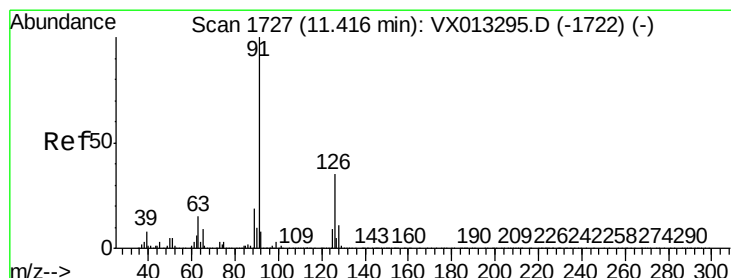
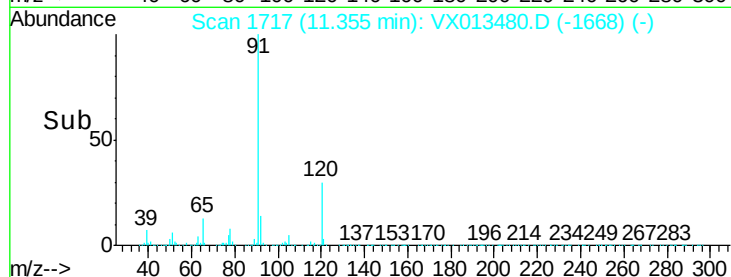
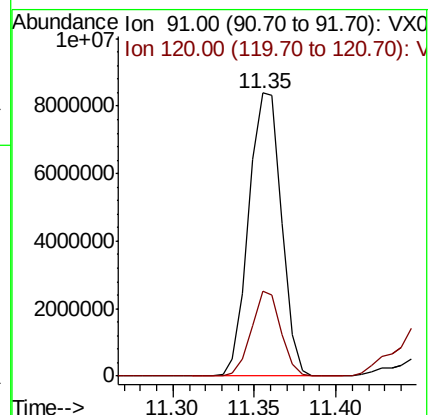
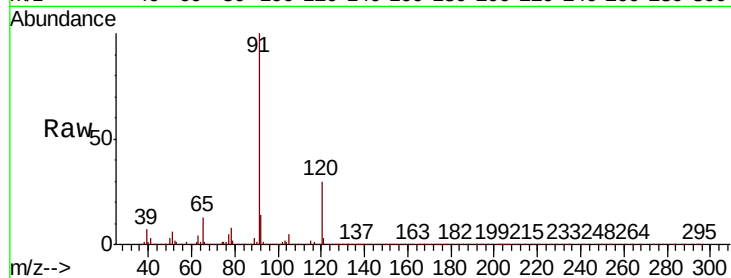
ClientSampleId :

Tot Ion: 91 Resp: 11746718

Ion Ratio Lower Upper

91 100

120 27.0 11.6 34.8



#79

2-Chlorotoluene

Concen: 40.829 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013480.D

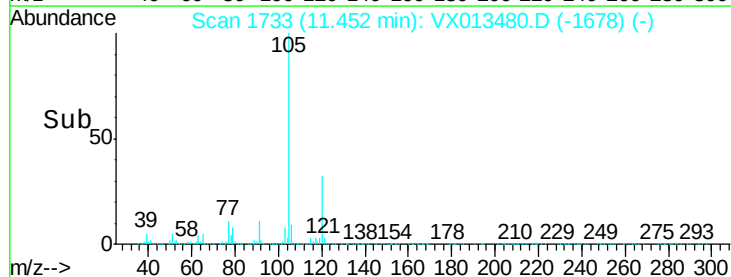
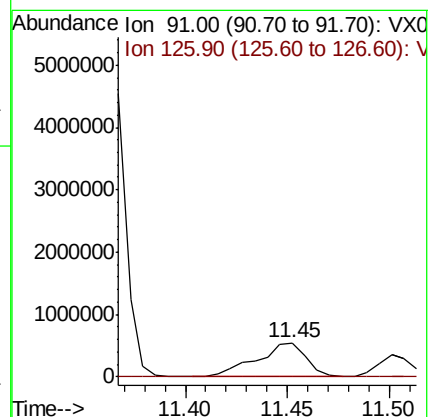
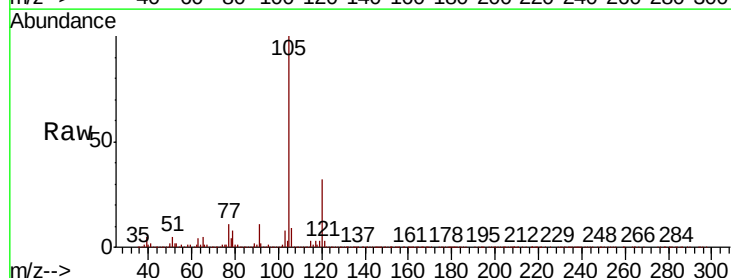
Acq: 20 Nov 2019 16:22

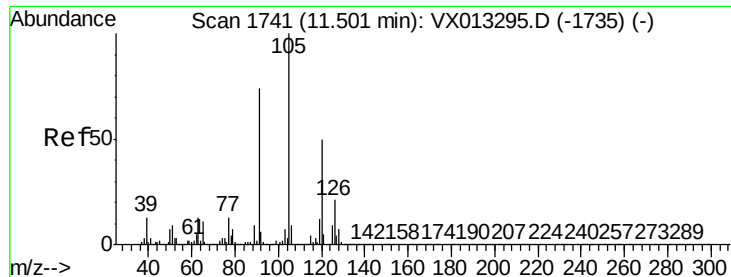
Tgt Ion: 91 Resp: 923701

Ion Ratio Lower Upper

91 100

126 0.1 17.3 52.0#

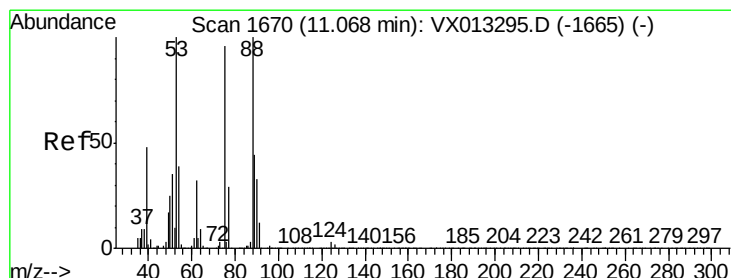
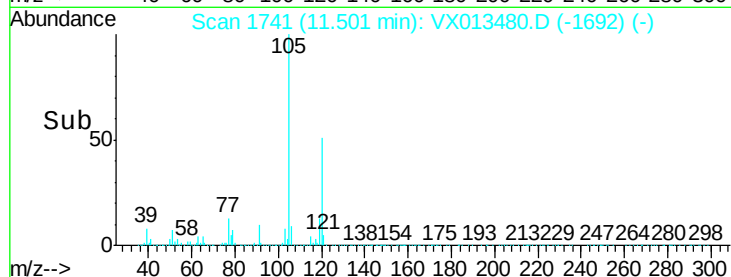
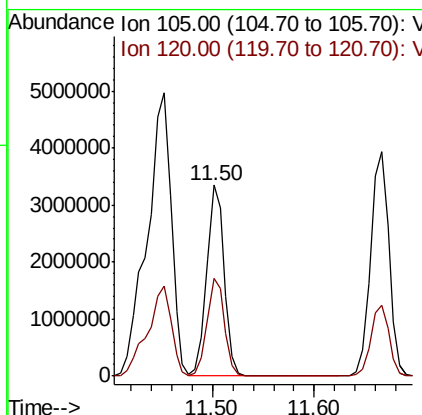
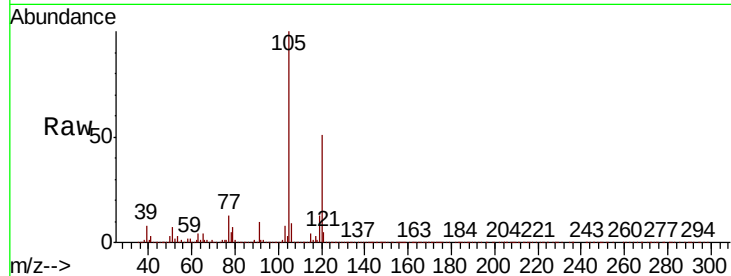




#80
 1,3,5-Trimethylbenzene
 Concen: 143.268 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

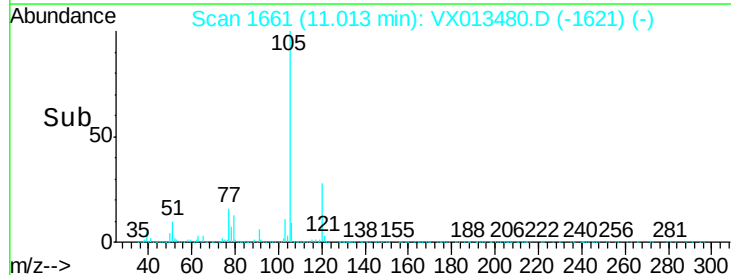
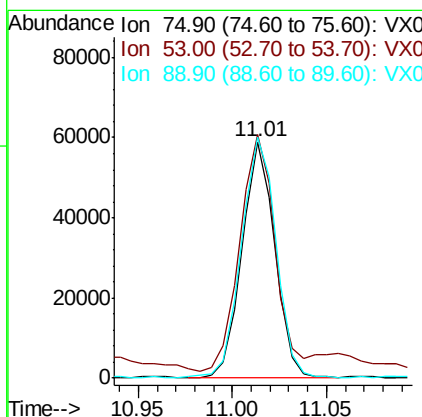
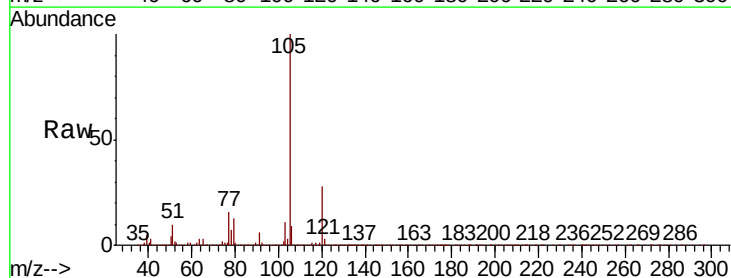
Instrument :
 MSVOA_X
 ClientSampleId :

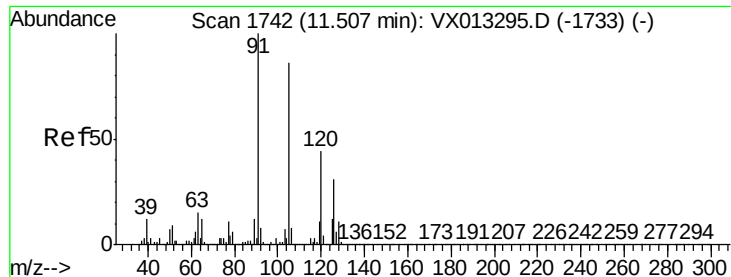
Tot Ion:105 Resp: 4022637
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.757 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. -0.05 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

Tgt Ion: 75 Resp: 71241
 Ion Ratio Lower Upper
 75 100
 53 110.4 81.0 121.6
 89 107.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 15.555 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

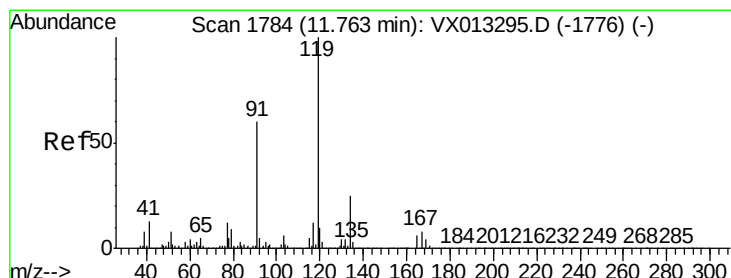
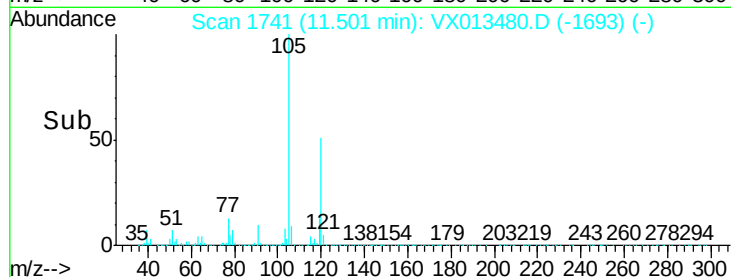
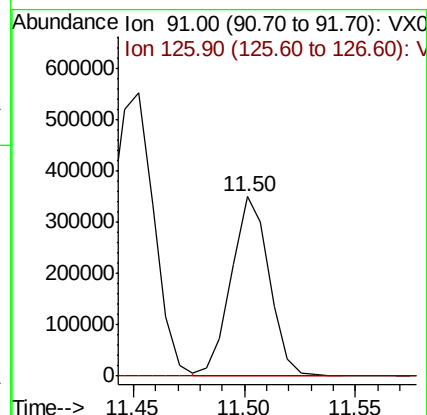
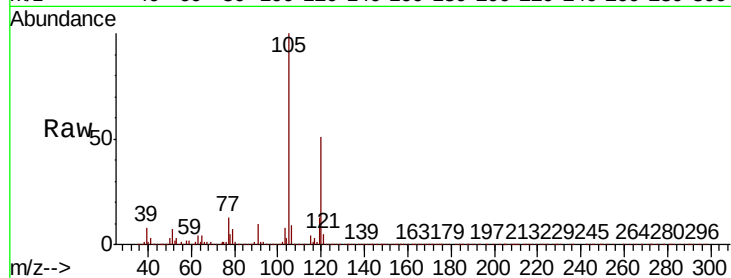
ClientSampled :

Tot Ion: 91 Resp: 411939

Ion Ratio Lower Upper

91 100

126 0.1 15.3 45.8#



#83

tert-Butylbenzene

Concen: 20.393 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

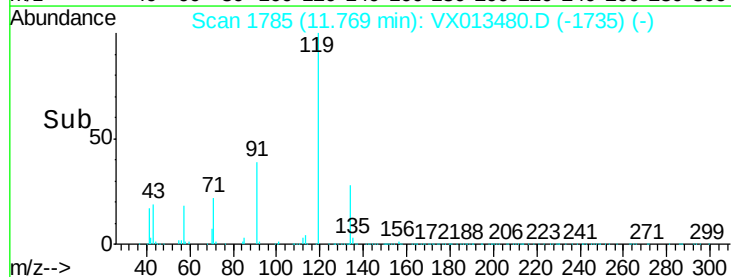
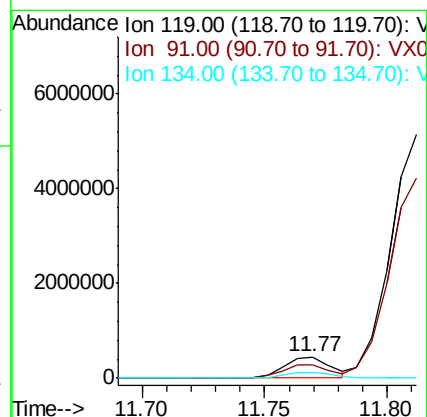
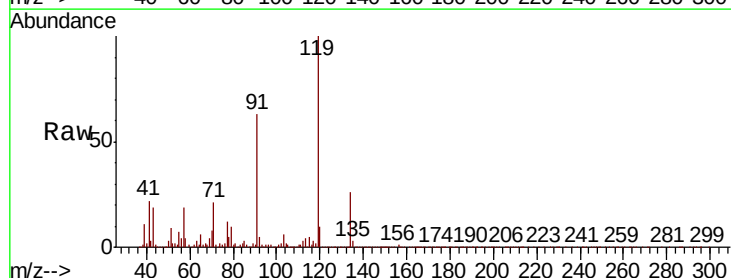
Tgt Ion: 119 Resp: 576394

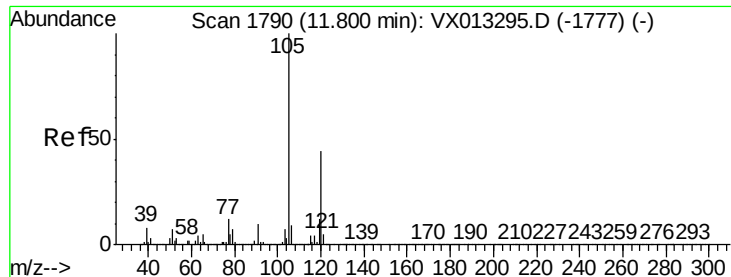
Ion Ratio Lower Upper

119 100

91 65.8 26.9 80.7

134 26.4 11.7 35.1



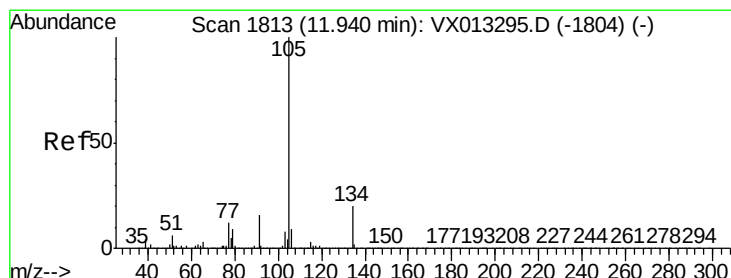
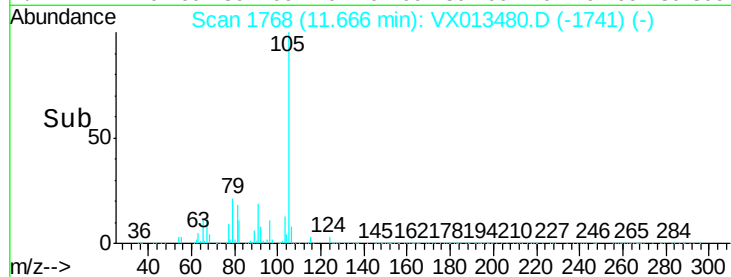
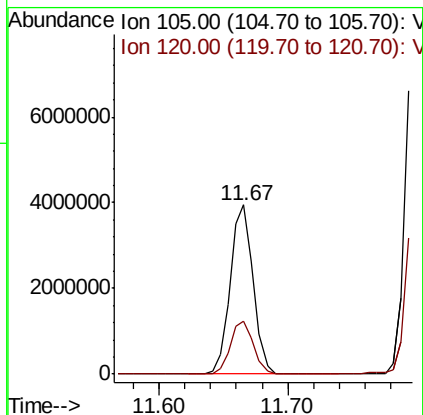
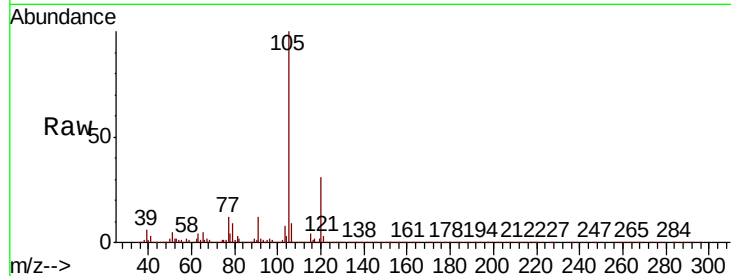


#84

1,2,4-Trimethylbenzene
Concen: 173.992 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. -0.13 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

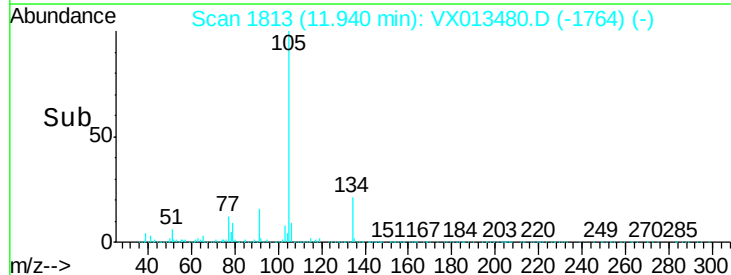
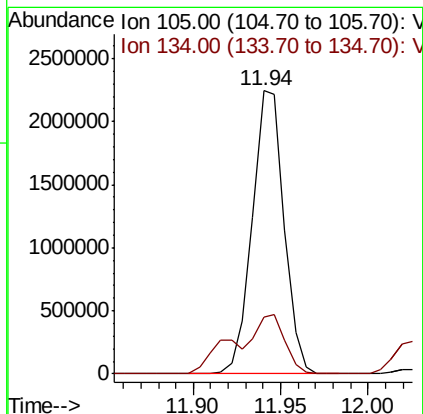
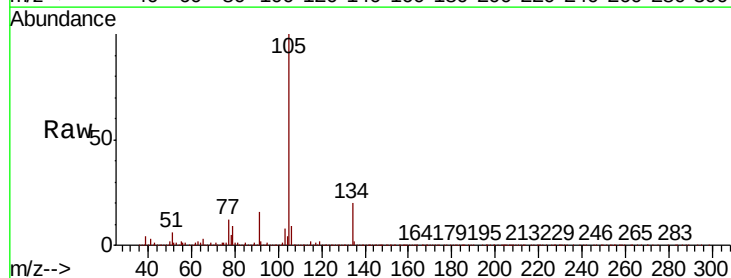
Tot Ion:105 Resp: 4900675
Ion Ratio Lower Upper
105 100
120 31.5 22.7 68.1

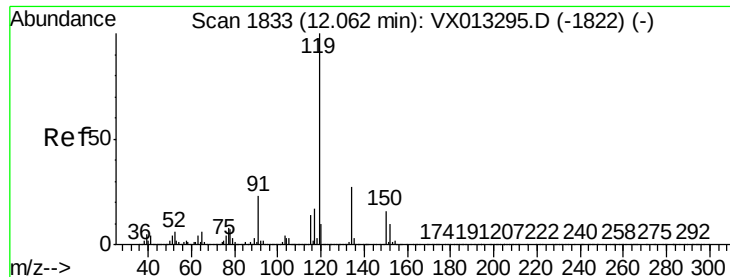


#85

sec-Butylbenzene
Concen: 87.300 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion:105 Resp: 2835868
Ion Ratio Lower Upper
105 100
134 32.5 10.3 30.9#

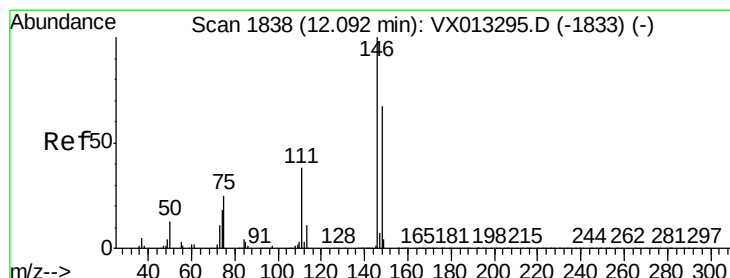
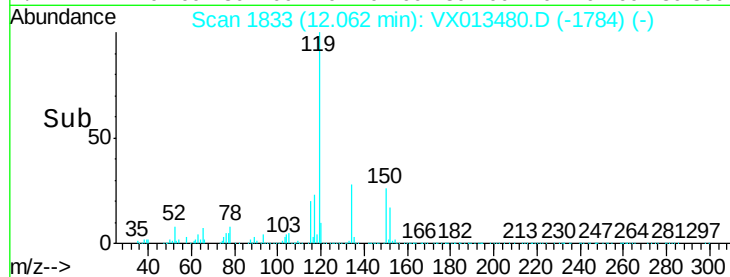
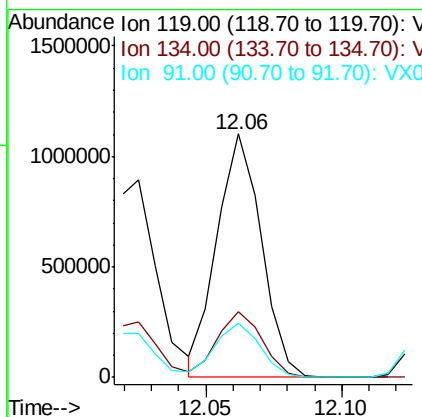
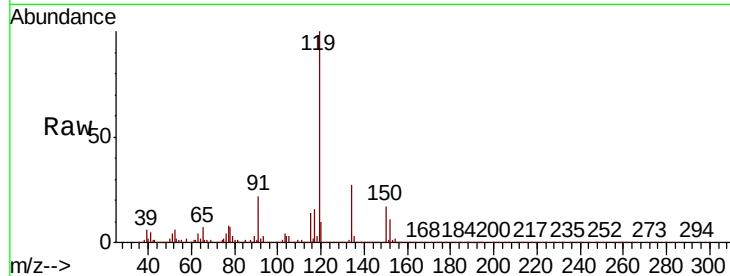




#86
p-Isopropyltoluene
Concen: 41.620 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

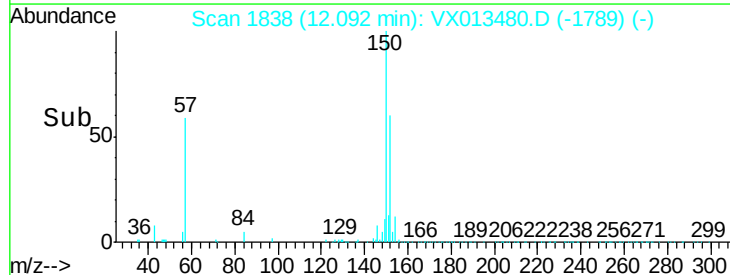
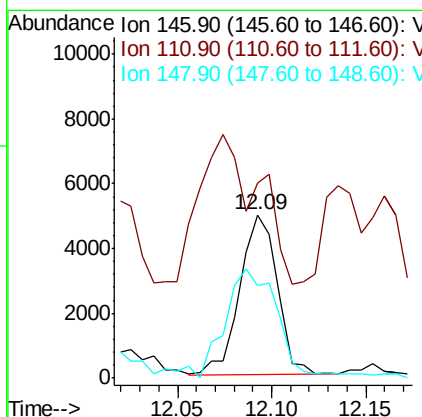
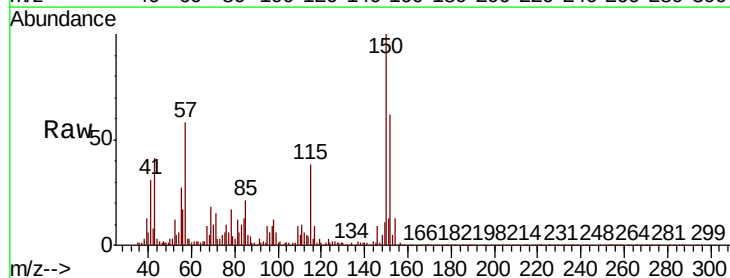
Instrument :
MSVOA_X
ClientSampled :

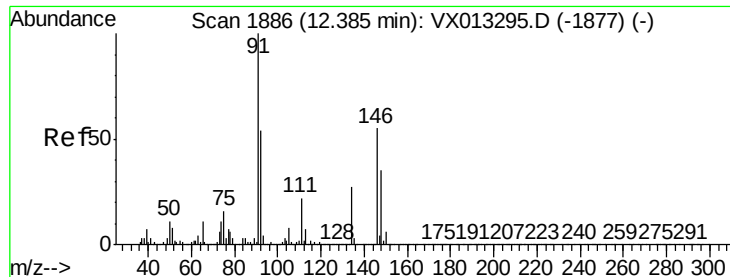
Tot Ion:119 Resp: 1244938
Ion Ratio Lower Upper
119 100
134 27.4 13.3 39.8
91 22.6 11.5 34.4



#88
1,4-Dichlorobenzene
Concen: 0.420 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Tgt Ion:146 Resp: 6856
Ion Ratio Lower Upper
146 100
111 144.9 18.8 56.4#
148 98.4 32.4 97.0#





#89

n-Butylbenzene

Concen: 69.766 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013480.D

Acq: 20 Nov 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

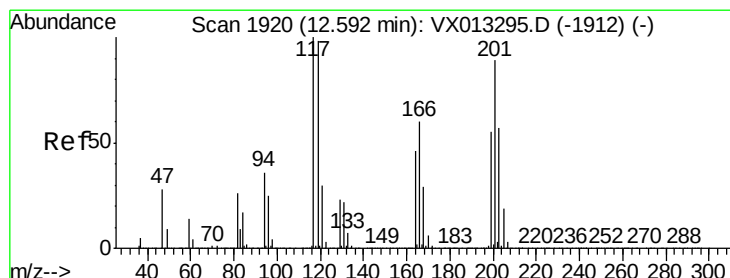
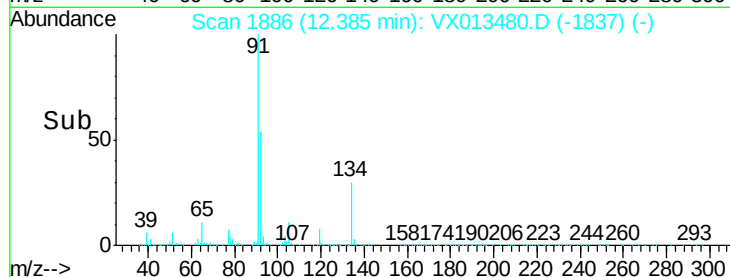
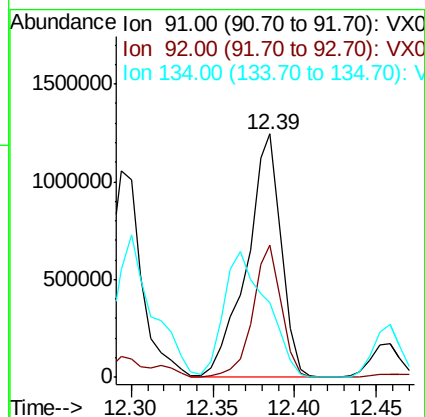
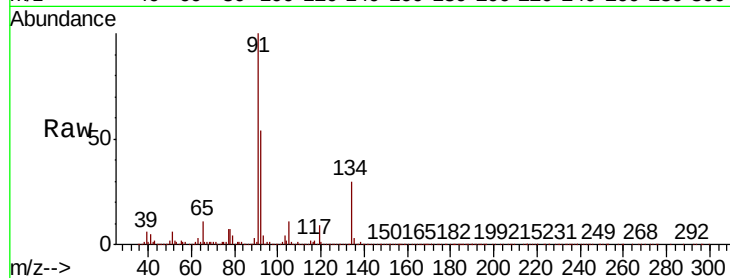
Tot Ion: 91 Resp: 1820915

Ion Ratio Lower Upper

91 100

92 45.4 27.3 81.8

134 64.5 13.5 40.5#



#90

Hexachloroethane

Concen: 37.461 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013480.D

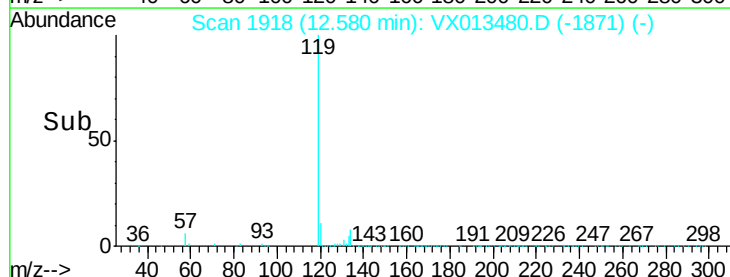
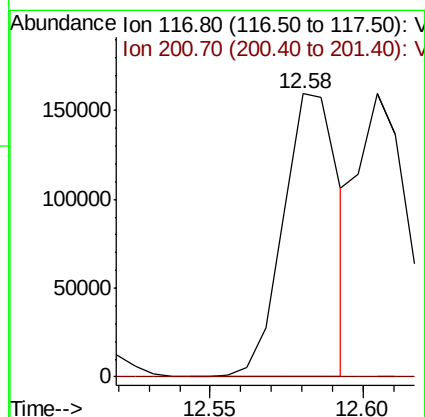
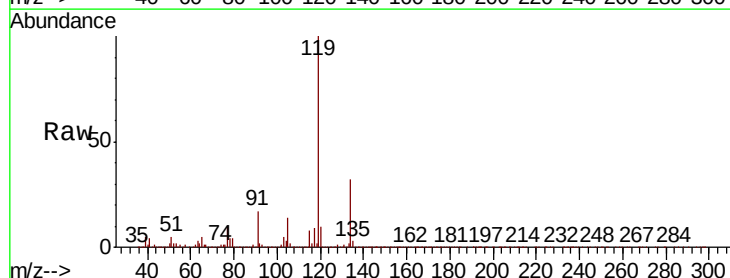
Acq: 20 Nov 2019 16:22

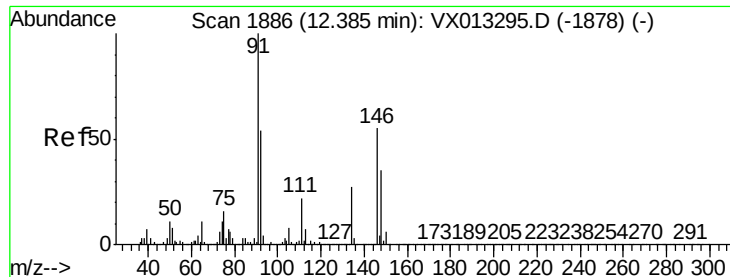
Tgt Ion: 117 Resp: 199649

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.7#

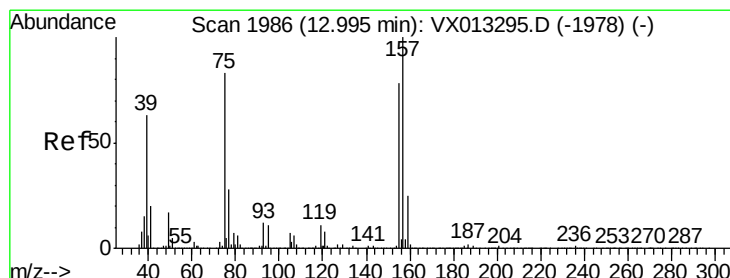
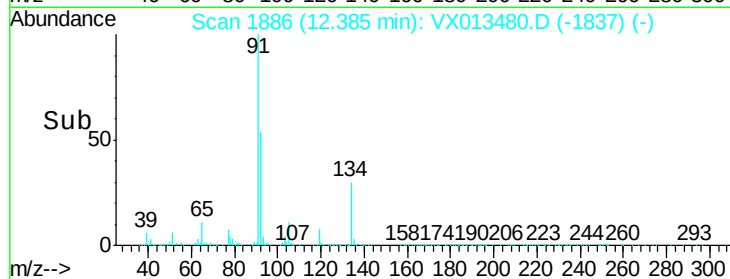
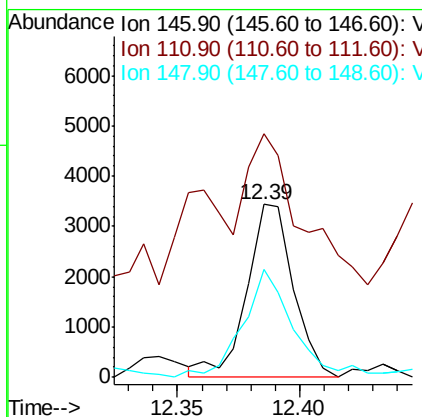
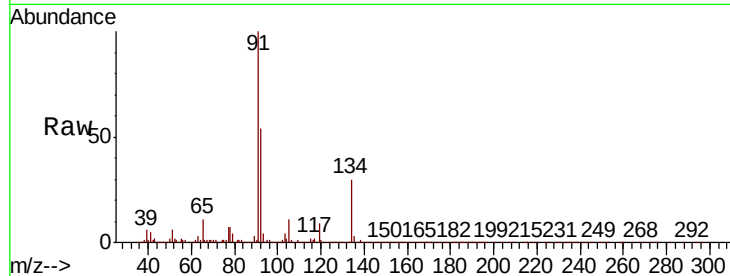




#91
 1,2-Dichlorobenzene
 Concen: 0.285 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

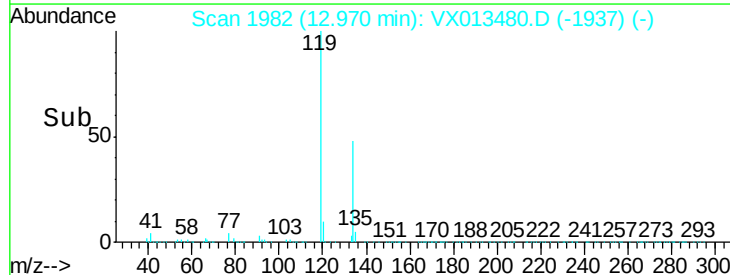
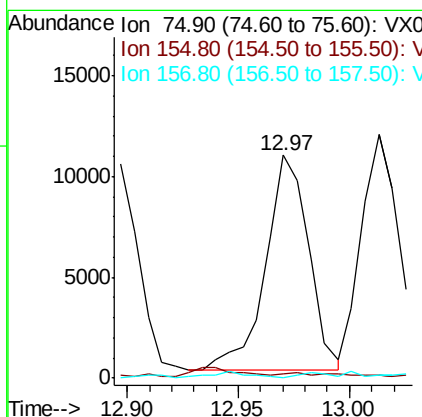
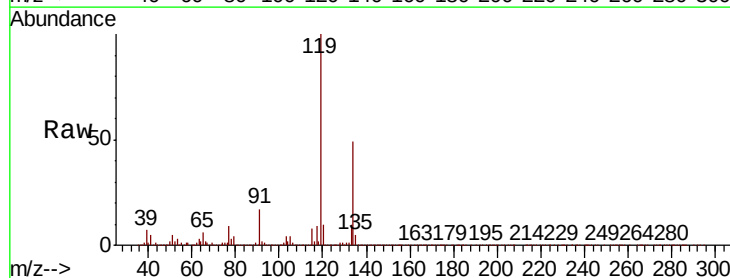
Instrument :
 MSVOA_X
 ClientSampleId :

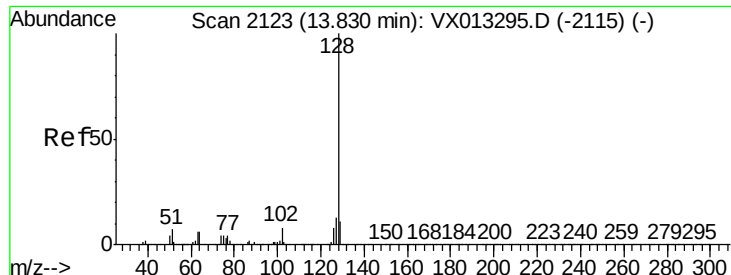
Tot Ion	Ratio	Lower	Upper
146	100		
111	99.6	20.1	60.2#
148	68.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.789 ug/l
 RT: 12.97 min Scan# 1982
 Delta R.T. -0.02 min
 Lab File: VX013480.D
 Acq: 20 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	1.4	47.1	141.4#
157	1.9	61.3	183.8#





#95
Naphthalene
Concen: 53.875 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013480.D
Acq: 20 Nov 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1887937
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.3 8.5 12.7

