

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014146.D
 Acq On : 20 Dec 2019 02:32
 Operator : JC/SP
 Sample : K6372-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 04:01:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	579839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	873150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	388213	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	311018	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	255923	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1053158	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	376123	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1918	0.368	ug/l #	79
6) Chloroethane	1.59	64	3035	0.669	ug/l #	50
10) Methyl Iodide	2.50	142	2069	2.892	ug/l #	93
11) Tert butyl alcohol	3.03	59	9872	6.952	ug/l #	72
13) Acrolein	2.26	56	19253	23.686	ug/l #	1
14) Allyl chloride	2.84	41	145124	14.572	ug/l #	26
15) Acrylonitrile	3.17	53	22558	6.806	ug/l #	33
16) Acetone	2.43	43	43791	10.264	ug/l	97
17) Carbon Disulfide	2.56	76	4388	1.029	ug/l #	89
18) Methyl Acetate	2.84	43	265334	31.385	ug/l #	51
19) Methyl tert-butyl Ether	3.19	73	162225	8.851	ug/l #	1
20) Methylene Chloride	2.85	84	1687	0.251	ug/l #	1
22) Diisopropyl ether	3.85	45	5752	0.290	ug/l #	60
23) Vinyl Acetate	3.81	43	12337	0.762	ug/l #	74
25) 2-Butanone	4.67	43	12093	2.299	ug/l	97
28) Bromochloromethane	5.03	49	352	0.536	ug/l #	48
30) Chloroform	5.28	83	27962	2.672	ug/l #	25
31) Cyclohexane	5.57	56	386087	39.316	ug/l	98
36) 1,1-Dichloropropene	5.65	75	38640	4.823	ug/l #	50
38) Carbon Tetrachloride	5.65	117	51532	7.061	ug/l #	16
39) Methylcyclohexane	7.46	83	529314	53.507	ug/l	99
40) Benzene	6.14	78	7787490	315.911	ug/l	99
41) Methacrylonitrile	5.06	41	4690	0.955	ug/l #	52
42) 1,2-Dichloroethane	6.14	62	65206	7.803	ug/l #	72
43) Isopropyl Acetate	6.42	43	616651	42.117	ug/l #	19
47) Bromodichloromethane	7.84	83	4694	0.597	ug/l #	62
48) Methyl methacrylate	7.73	41	64812	9.040	ug/l #	54
49) 1,4-Dioxane	7.76	88	624	4.277	ug/l #	44
51) 4-Methyl-2-Pentanone	8.66	43	9789	1.065	ug/l #	73
52) Toluene	8.78	92	3287810	211.013	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	65819	10.540	ug/l #	18
56) Ethyl methacrylate	9.16	69	19717	2.010	ug/l #	48
58) 2-Chloroethyl Vinyl ether	8.26	63	1121	0.302	ug/l #	72
59) 2-Hexanone	9.50	43	8920	1.205	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

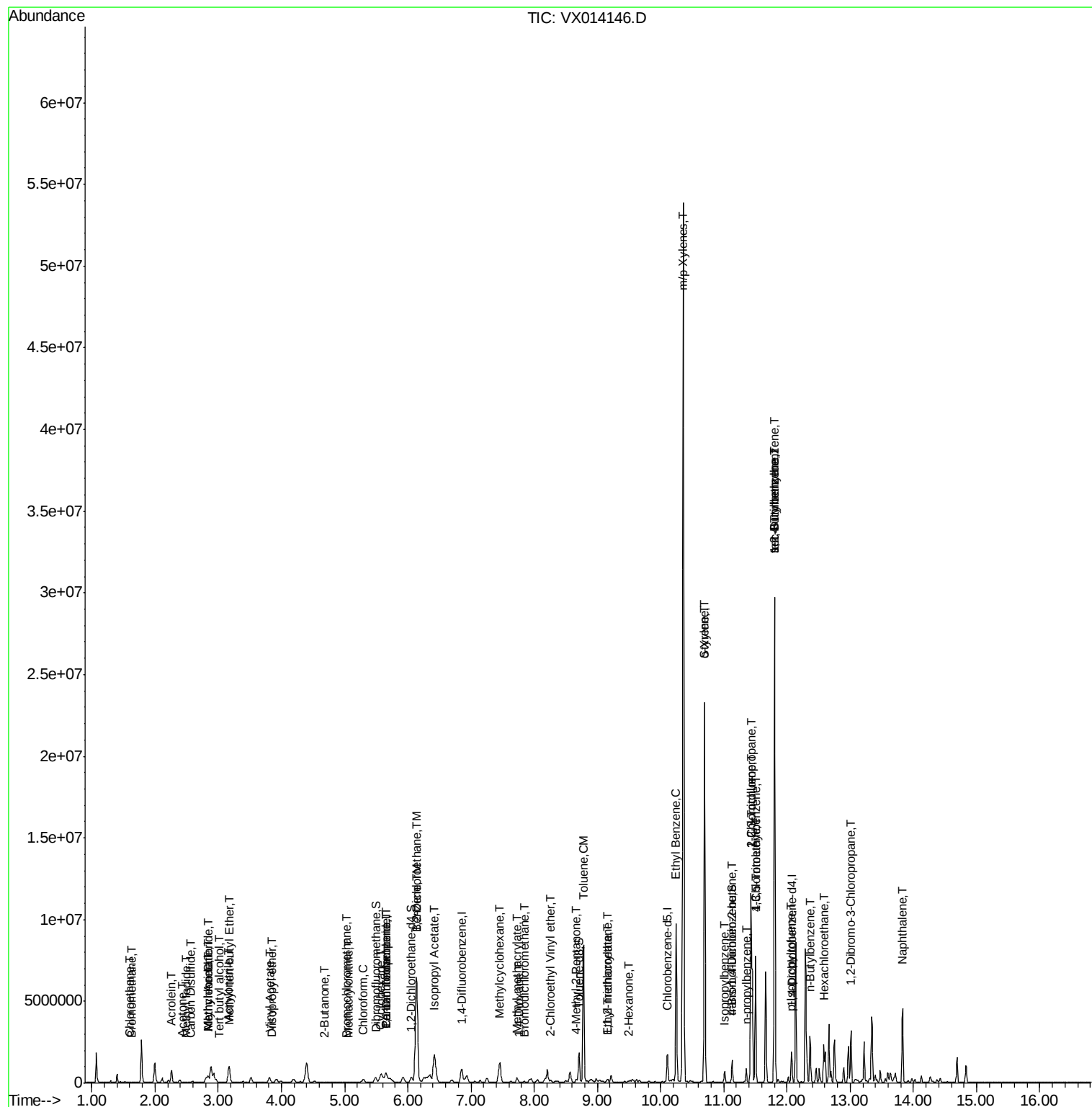
67) Ethyl Benzene	10.25	91	5636123	194.434	uq/l	99
68) m/p-Xylenes	10.36	106	13432370	1204.812	uq/l #	53
69) o-Xylene	10.70	106	5197955	475.378	uq/l	91
70) Styrene	10.70	104	277180	14.991	uq/l #	1
73) Isopropylbenzene	11.01	105	358708	13.124	uq/l	100
76) 1,2,3-Trichloropropane	11.43	75	69037	8.191	uq/l #	1
78) n-propylbenzene	11.35	91	501721	16.365	uq/l	99
79) 2-Chlorotoluene	11.43	91	1043836	56.009	uq/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	3172695	137.921	uq/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	178426	59.754	uq/l #	12
82) 4-Chlorotoluene	11.50	91	322268	14.907	uq/l #	44
83) tert-Butylbenzene	11.81	119	1732924	77.410	uq/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	11599007	503.497	uq/l	87
85) sec-Butylbenzene	11.81	105	11599007	438.895	uq/l #	56
86) p-Isopropyltoluene	12.06	119	59719	2.470	uq/l #	77
89) n-Butylbenzene	12.37	91	240376	11.653	uq/l #	1
90) Hexachloroethane	12.58	117	88296	20.335	uq/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9387	4.476	uq/l #	1
95) Naphthalene	13.83	128	2759197	108.901	uq/l	99

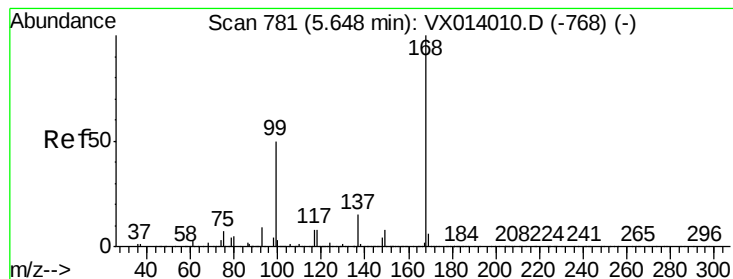
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

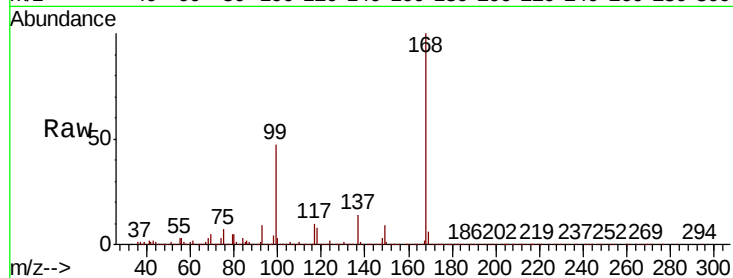
ClientSampleId :

Tot Ion:168 Resp: 579839

Ion Ratio Lower Upper

168 100

99 47.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

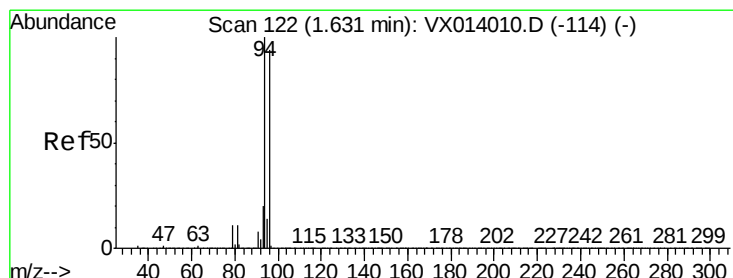
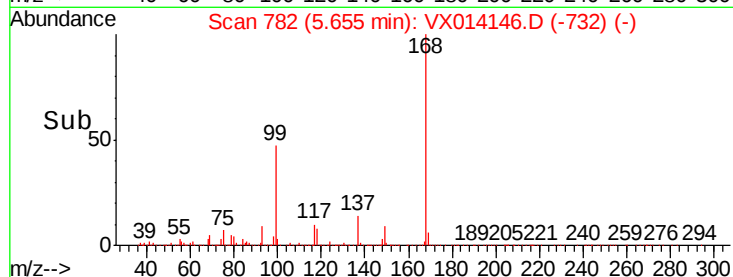
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.368 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014146.D

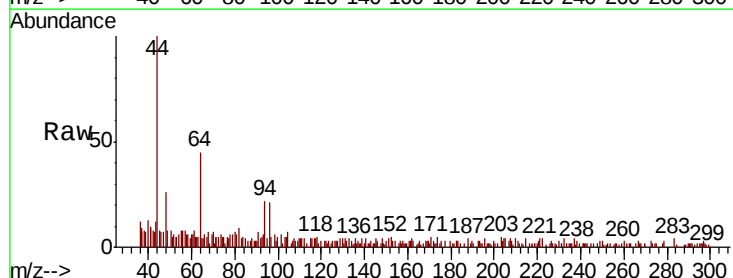
Acq: 20 Dec 2019 02:32

Tgt Ion: 94 Resp: 1918

Ion Ratio Lower Upper

94 100

96 74.1 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

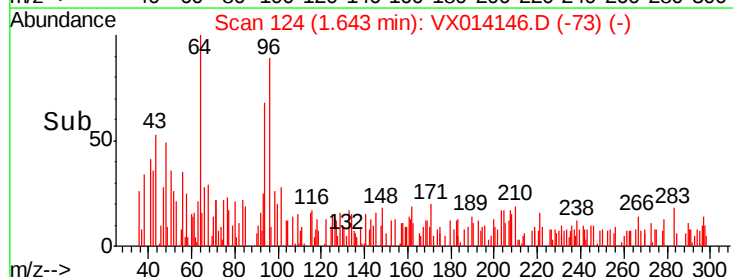
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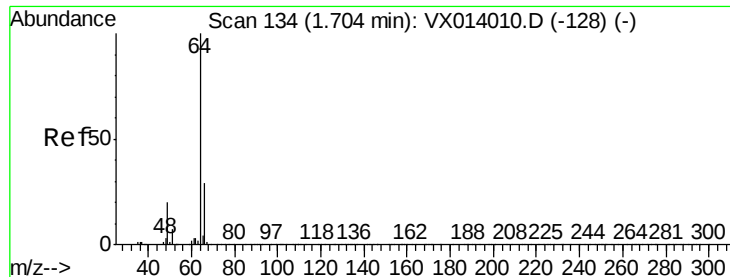
400

200

0

Time-->





#6

Chloroethane

Concen: 0.669 ug/l

RT: 1.59 min Scan# 115

Delta R.T. -0.12 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

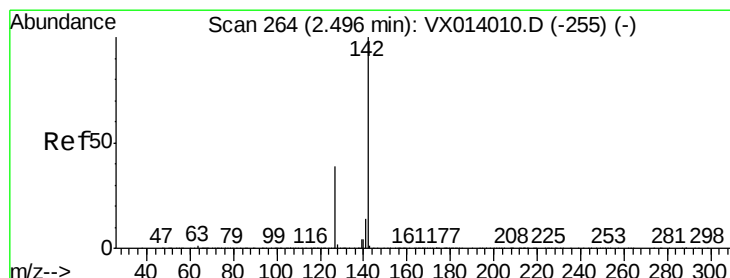
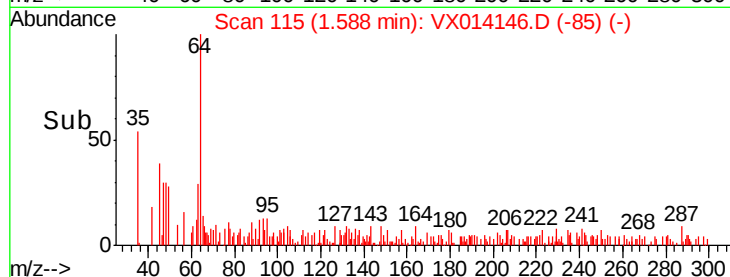
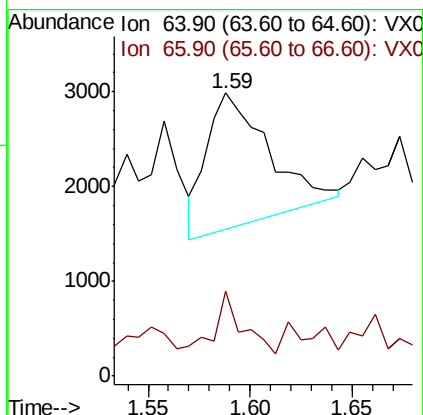
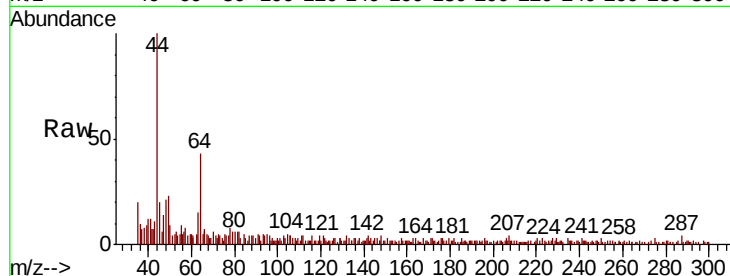
ClientSampleId :

Tot Ion: 64 Resp: 3035

Ion Ratio Lower Upper

64 100

66 56.2 23.4 35.2#



#10

Methyl Iodide

Concen: 2.892 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

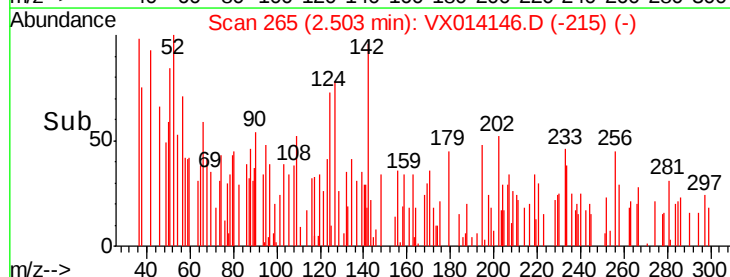
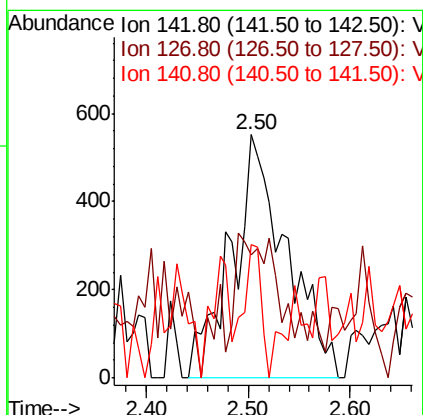
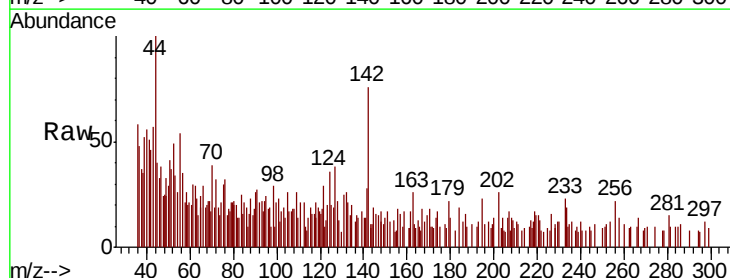
Tgt Ion: 142 Resp: 2069

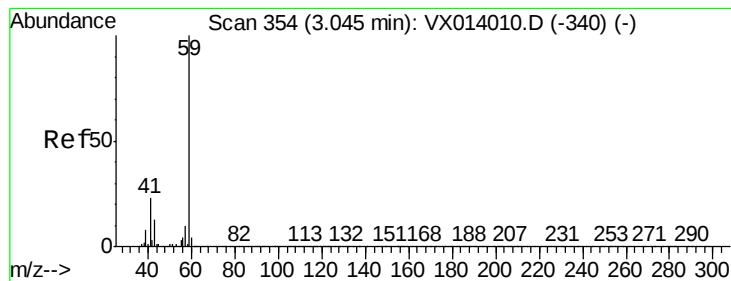
Ion Ratio Lower Upper

142 100

127 44.2 31.6 47.4

141 17.4 11.6 17.4#



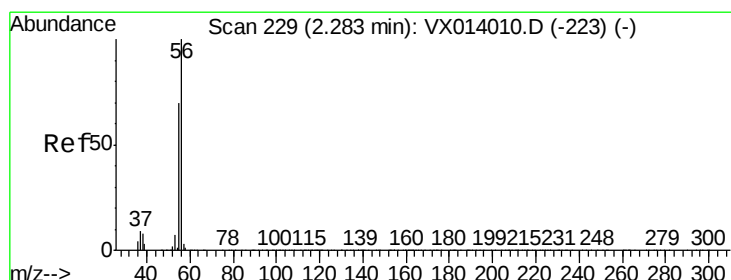
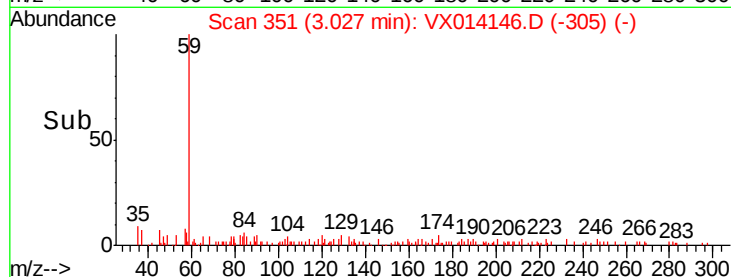
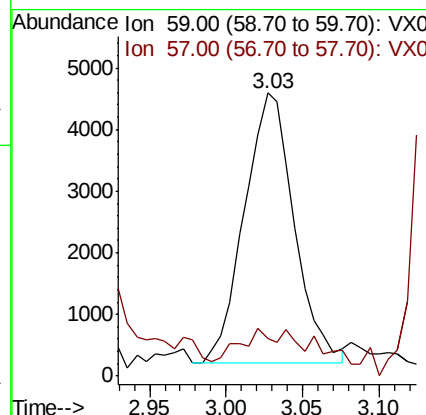
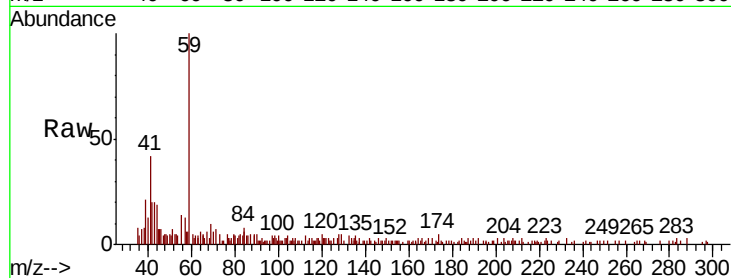


#11

Tert butyl alcohol
Concen: 6.952 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :

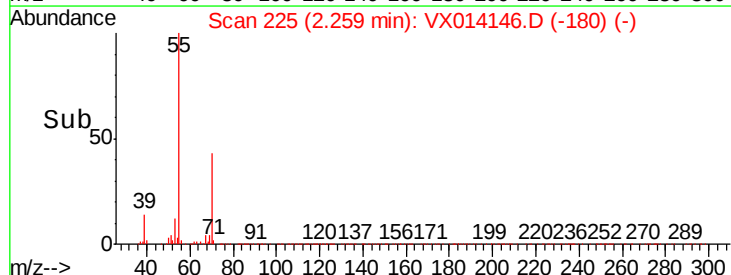
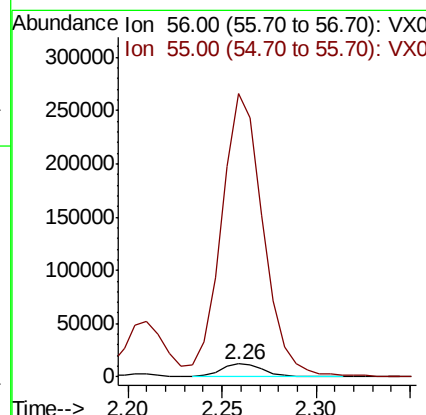
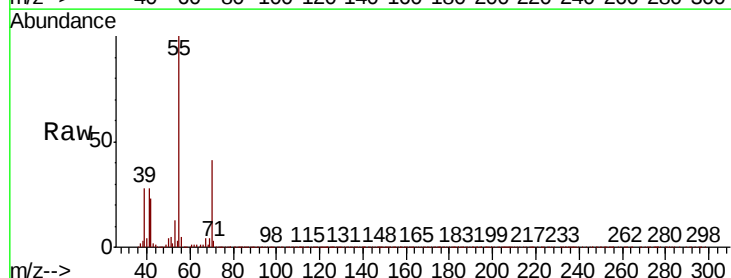
Tot Ion: 59 Resp: 9872
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

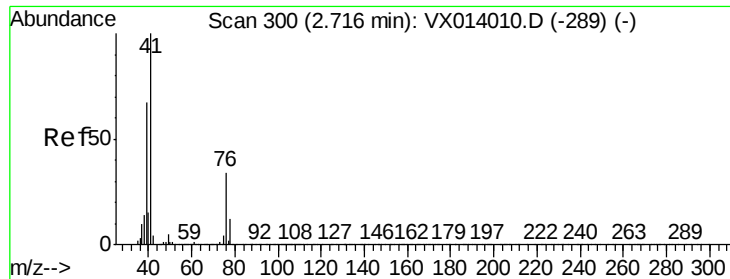


#13

Acrolein
Concen: 23.686 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 56 Resp: 19253
Ion Ratio Lower Upper
56 100
55 2127.2 56.9 85.3#

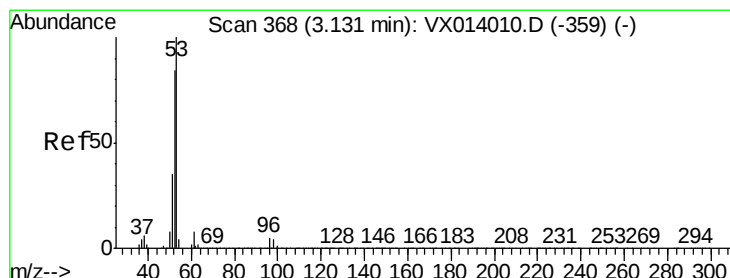
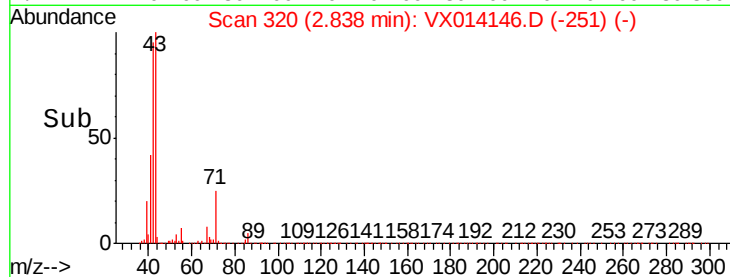
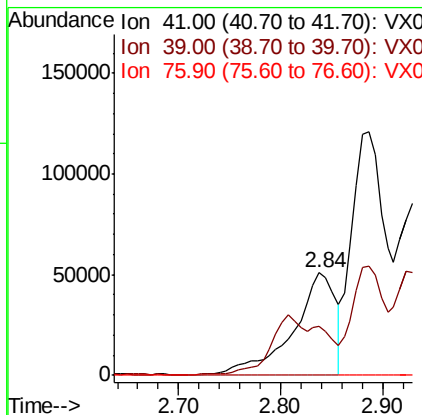
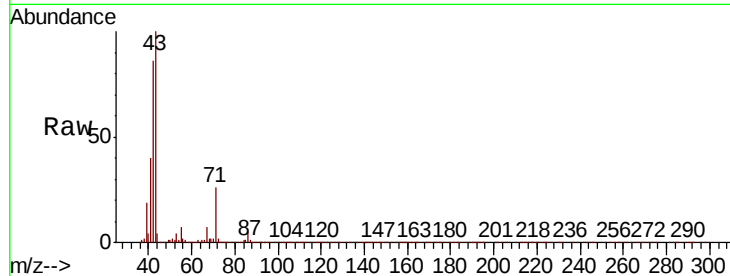




#14
Allvl chloride
Concen: 14.572 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.12 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

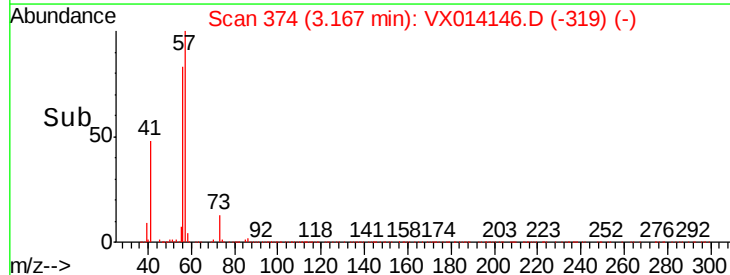
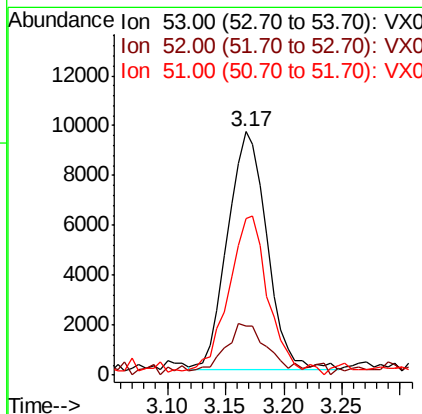
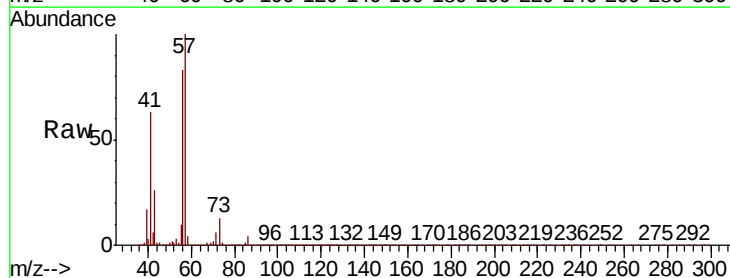
Instrument :
MSVOA_X
ClientSampleId :

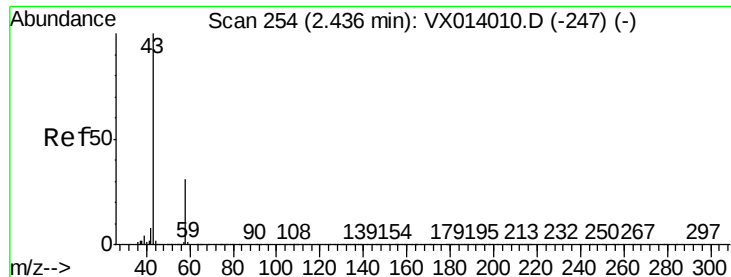
Tot Ion: 41 Resp: 145124
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
76 0.1 25.9 38.9#



#15
Acrylonitrile
Concen: 6.806 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.04 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 53 Resp: 22558
Ion Ratio Lower Upper
53 100
52 19.0 66.5 99.7#
51 69.0 28.1 42.1#





#16

Acetone

Concen: 10.264 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

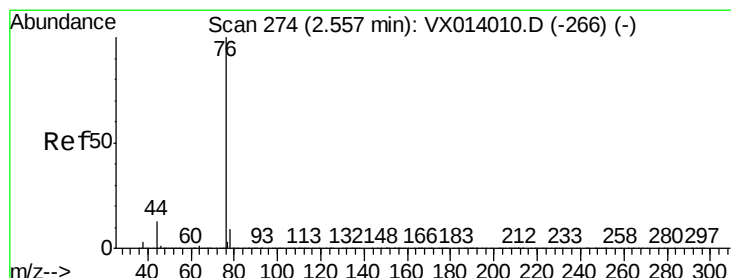
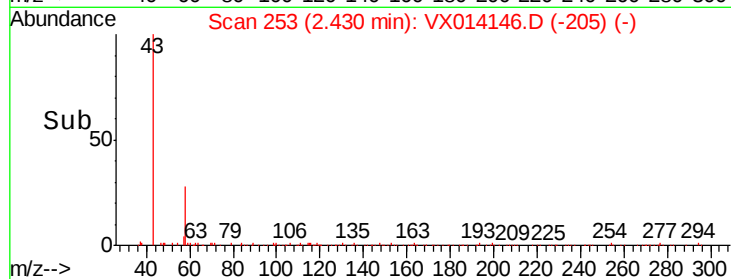
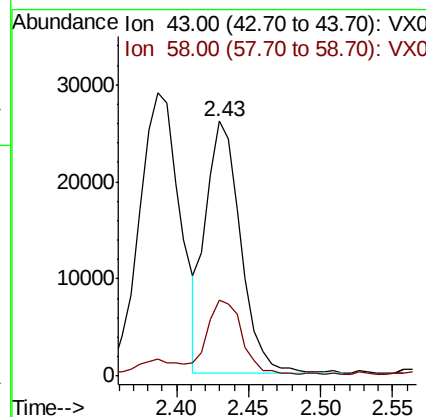
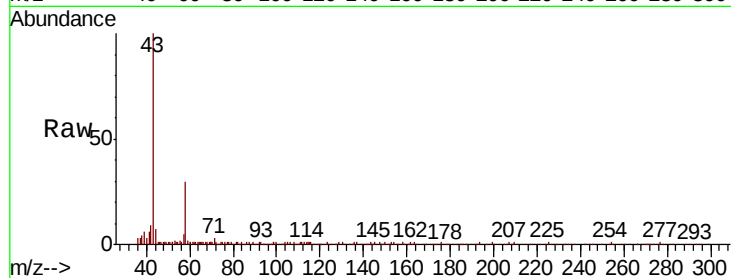
ClientSampleId :

Tot Ion: 43 Resp: 43791

Ion Ratio Lower Upper

43 100

58 29.2 24.9 37.3



#17

Carbon Disulfide

Concen: 1.029 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014146.D

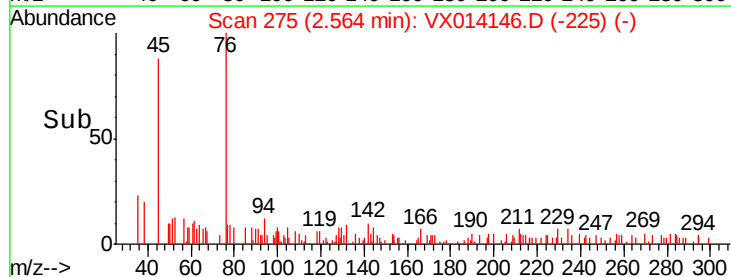
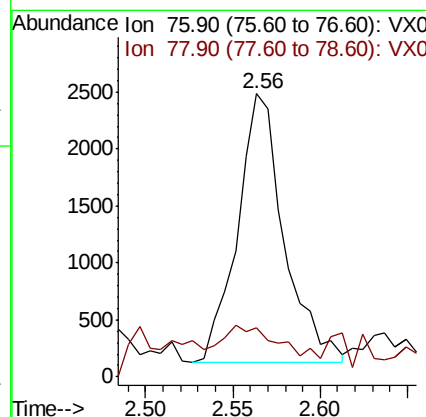
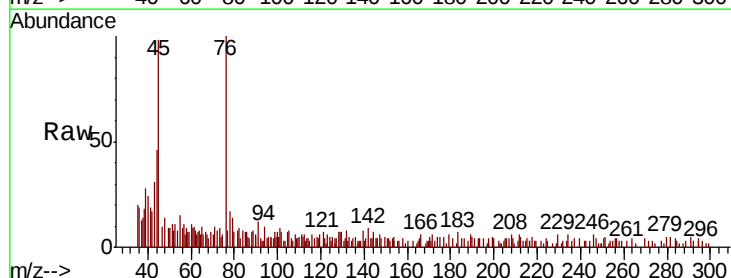
Acq: 20 Dec 2019 02:32

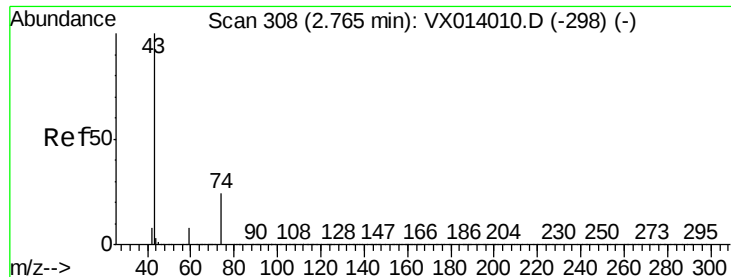
Tgt Ion: 76 Resp: 4388

Ion Ratio Lower Upper

76 100

78 5.0 7.2 10.8#

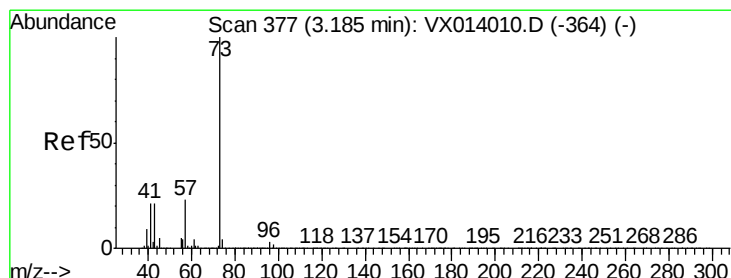
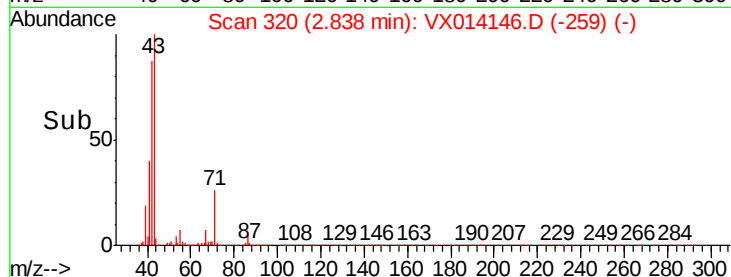
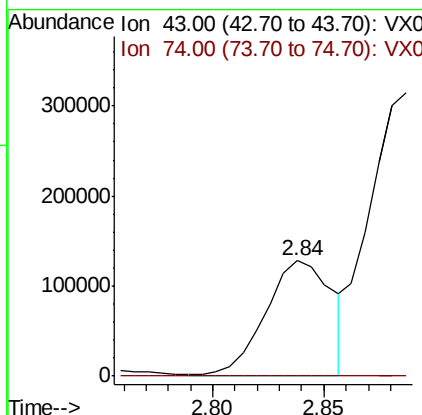
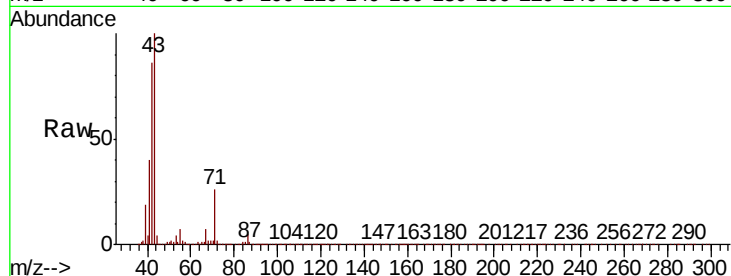




#18
Methyl Acetate
Concen: 31.385 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

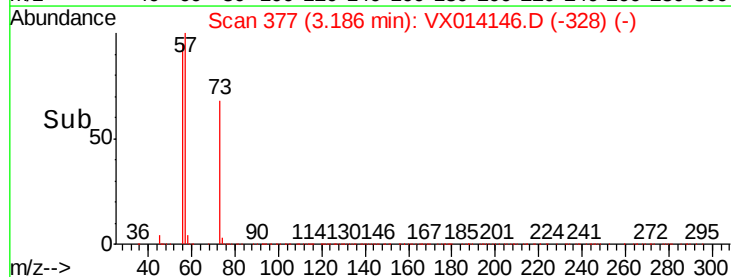
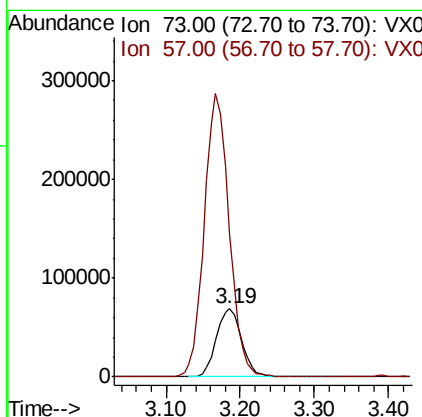
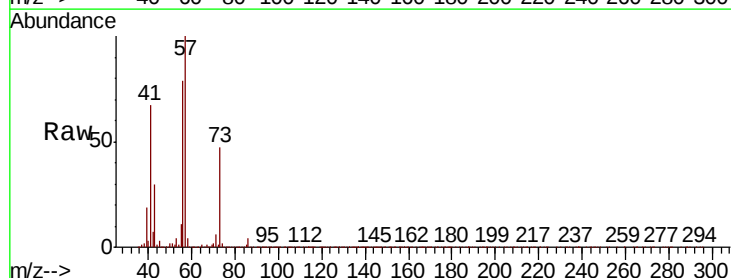
Instrument :
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ClientSampled :

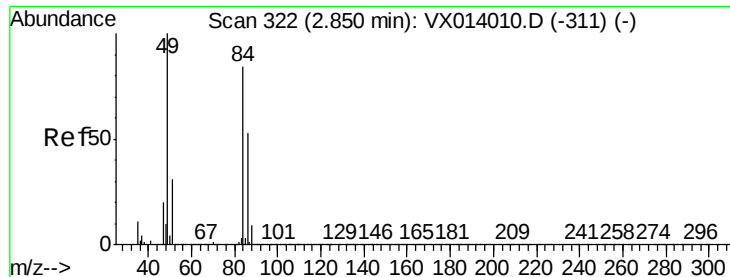
Tot Ion: 43 Resp: 265334
Ion Ratio Lower Upper
43 100
74 0.1 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 8.851 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 73 Resp: 162225
Ion Ratio Lower Upper
73 100
57 211.6 18.8 28.2#





#20

Methylene Chloride

Concen: 0.251 ug/l

RT: 2.85 min Scan# 322

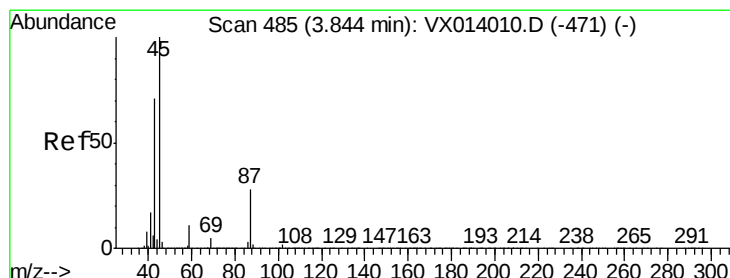
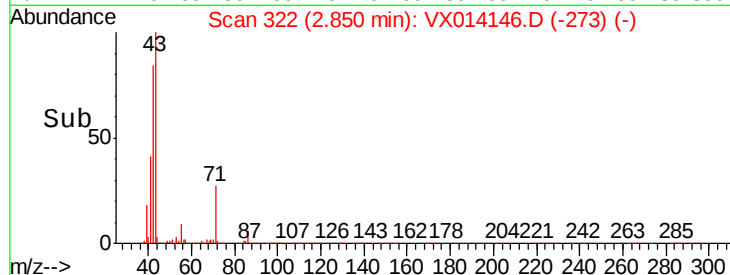
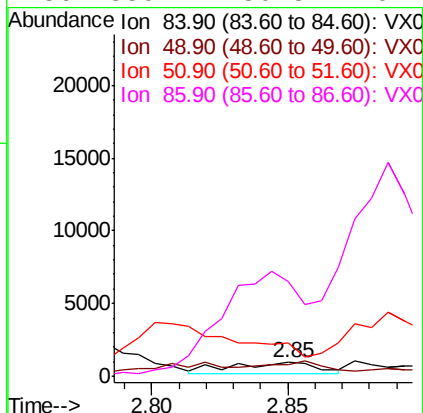
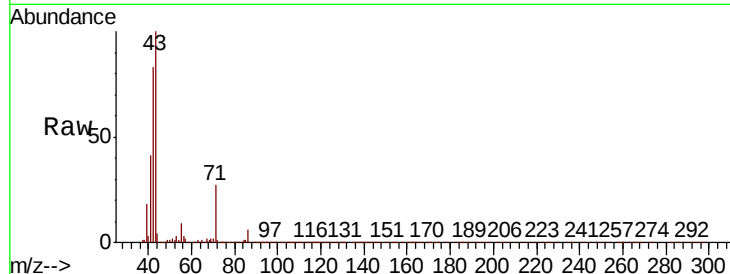
Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	1687
Ion	Ratio	Lower	Upper
84	100		
49	61.0	95.8	143.6#
51	0.0	29.8	44.8#
86	859.7	50.8	76.2#



#22

Diisopropyl ether

Concen: 0.290 ug/l

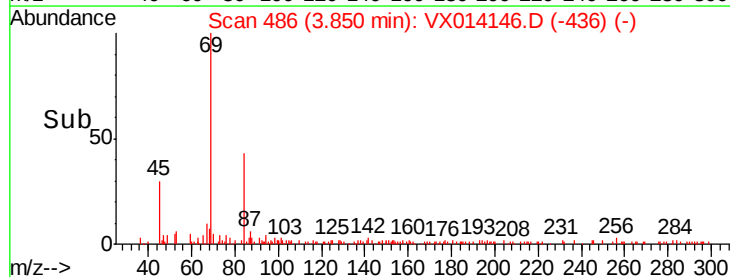
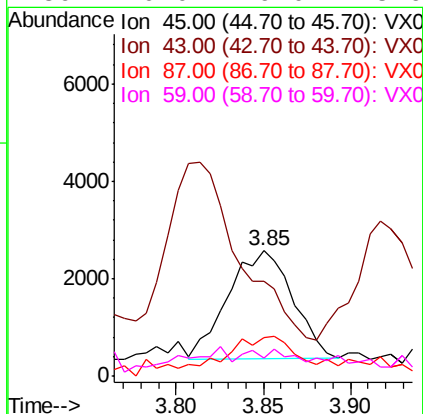
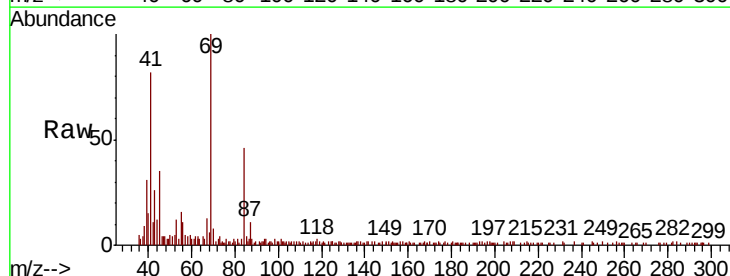
RT: 3.85 min Scan# 486

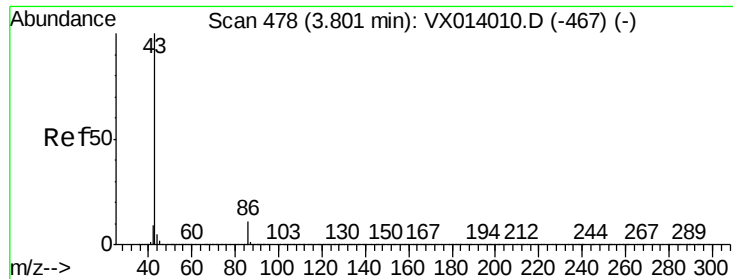
Delta R.T. 0.01 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Tgt Ion:	45	Resp:	5752
Ion	Ratio	Lower	Upper
45	100		
43	24.6	57.4	86.0#
87	26.2	21.9	32.9
59	0.0	9.0	13.6#

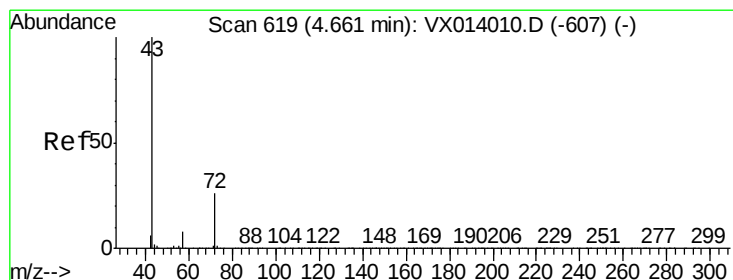
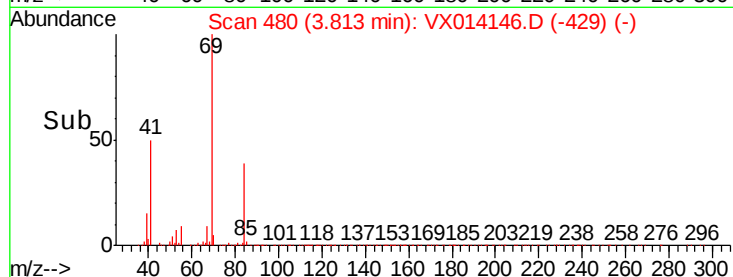
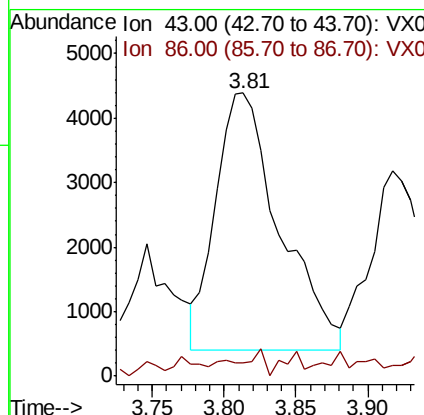
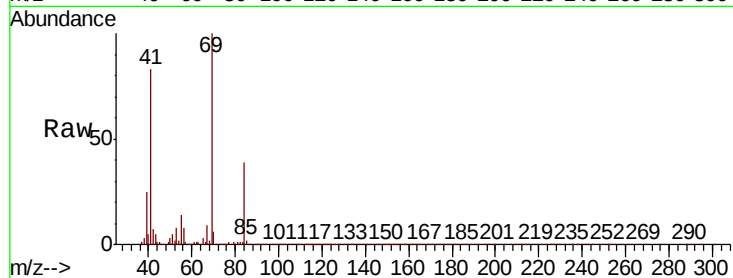




#23
 Vinyl Acetate
 Concen: 0.762 ug/l
 RT: 3.81 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

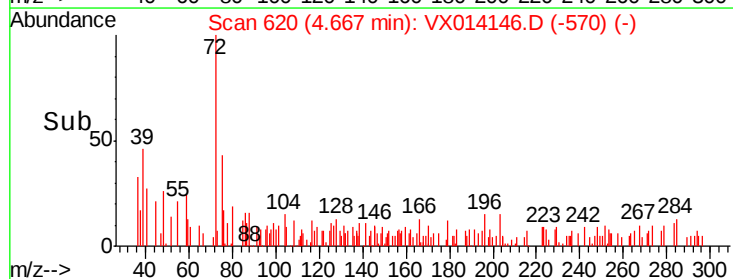
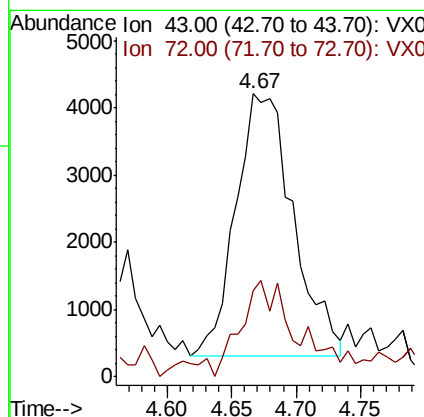
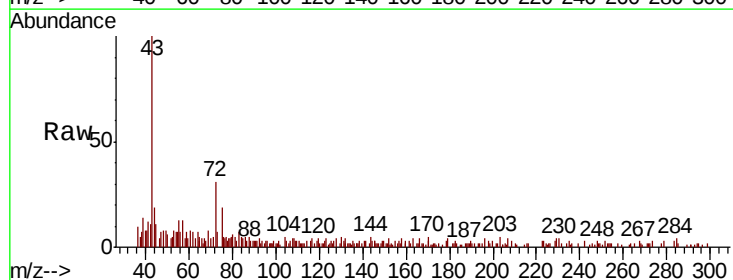
Instrument :
 MSVOA_X
 ClientSampleId :

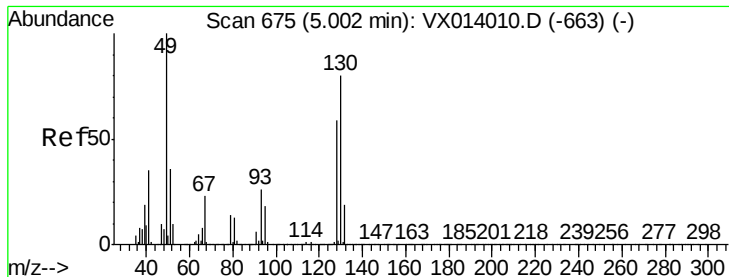
Tot Ion: 43 Resp: 12337
 Ion Ratio Lower Upper
 43 100
 86 0.9 8.6 12.8#



#25
 2-Butanone
 Concen: 2.299 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Tgt Ion: 43 Resp: 12093
 Ion Ratio Lower Upper
 43 100
 72 27.8 21.0 31.4





#28

Bromochloromethane

Concen: 0.536 ug/l

RT: 5.03 min Scan# 680

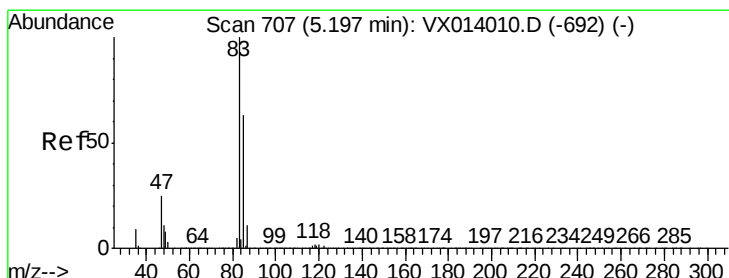
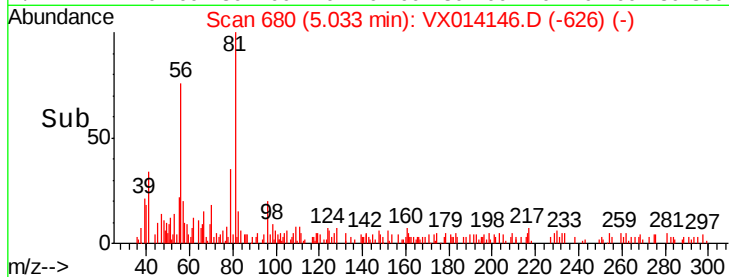
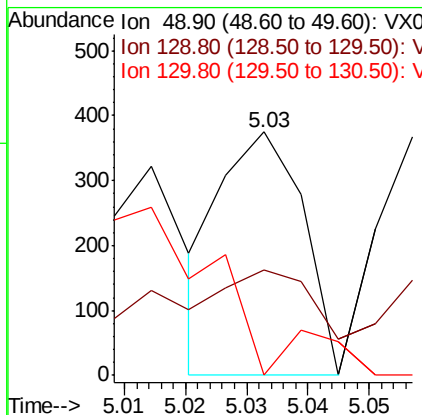
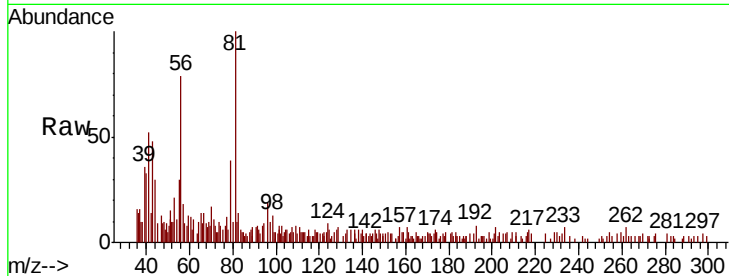
Delta R.T. 0.03 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 352
Ion Ratio Lower Upper
49 100
129 100.0 0.0 5.0#
130 120.5 64.6 97.0#



#30

Chloroform

Concen: 2.672 ug/l

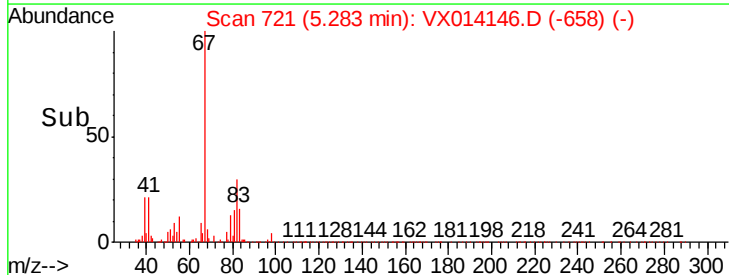
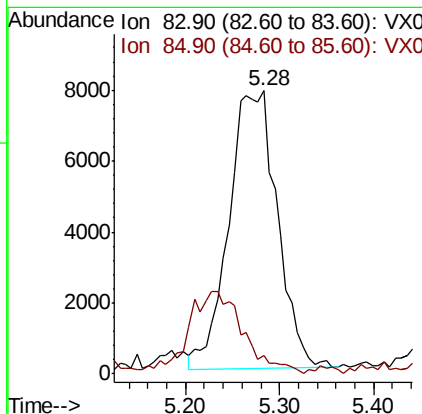
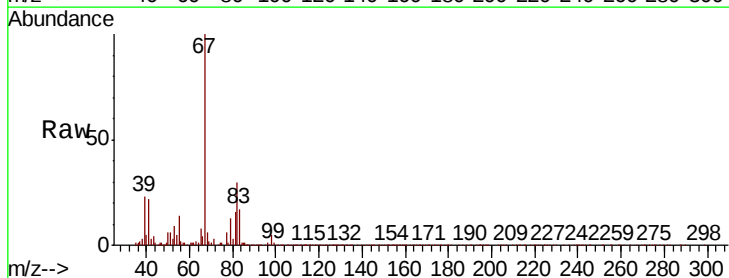
RT: 5.28 min Scan# 721

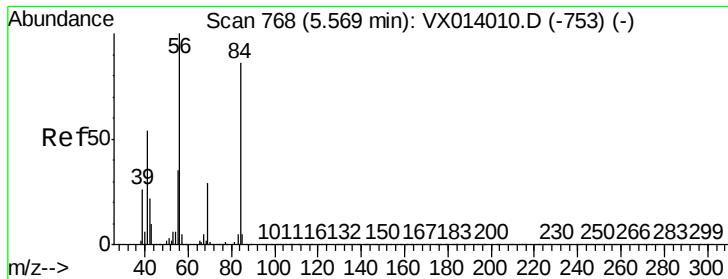
Delta R.T. 0.09 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Tgt Ion: 83 Resp: 27962
Ion Ratio Lower Upper
83 100
85 5.3 50.8 76.2#

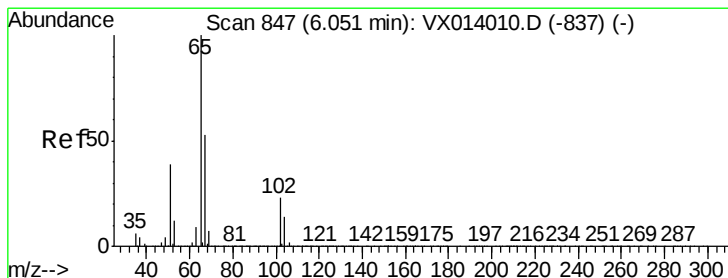
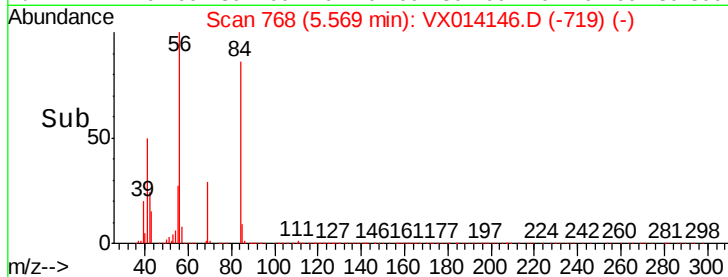
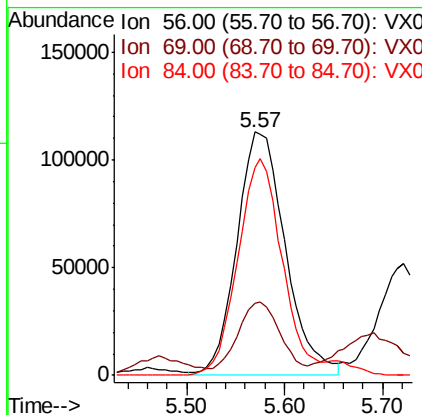
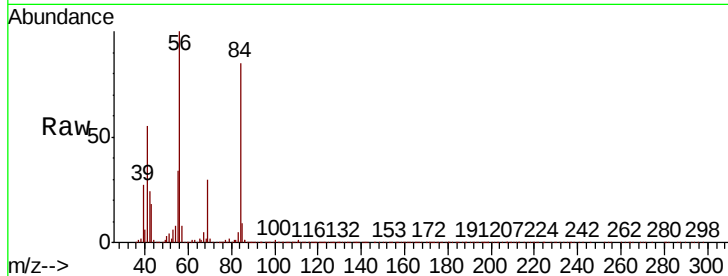




#31
Cyclohexane
Concen: 39.316 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

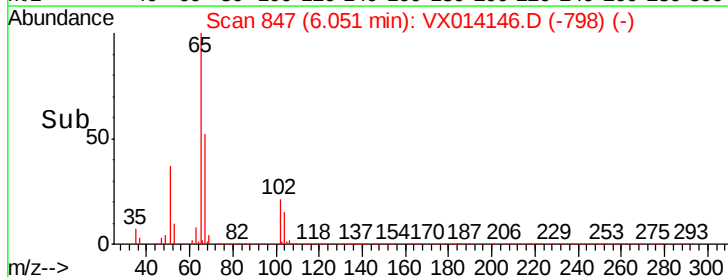
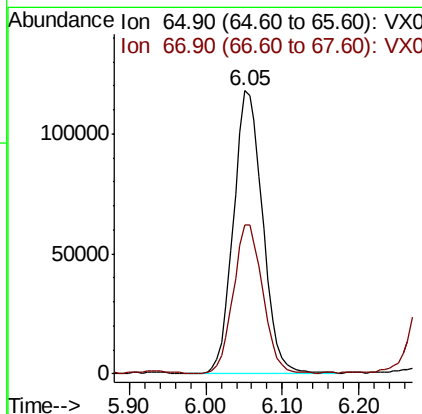
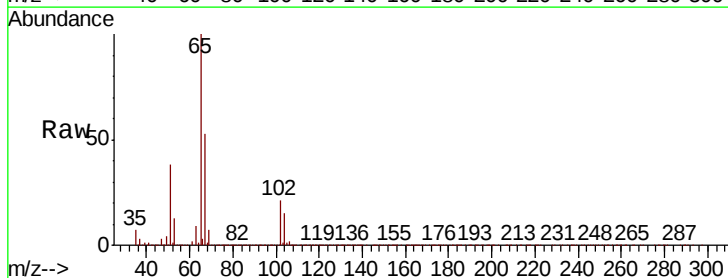
Instrument :
MSVOA_X
ClientSampleId :

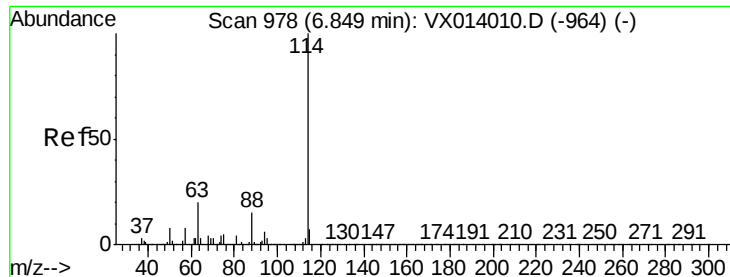
Tot Ion: 56 Resp: 386087
Ion Ratio Lower Upper
56 100
69 25.5 23.2 34.8
84 86.0 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 47.327 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 65 Resp: 311018
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

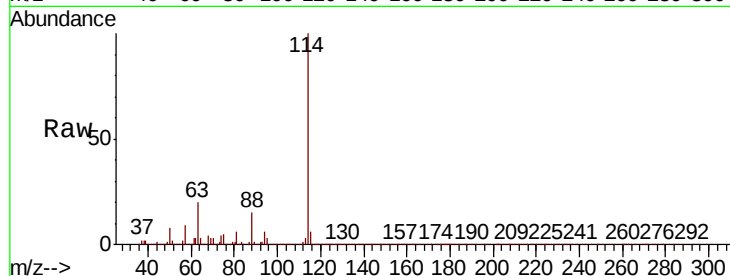
Tot Ion:114 Resp: 873150

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

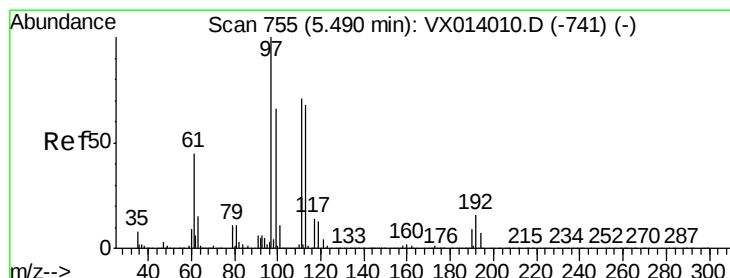
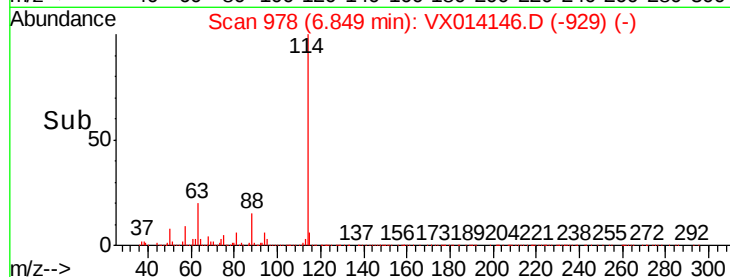
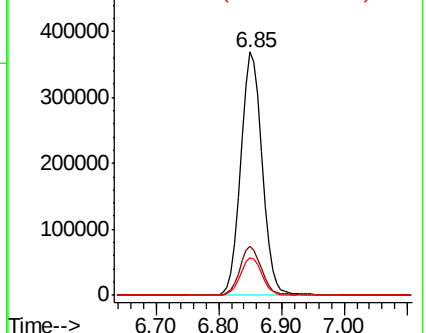
88 15.4 0.0 30.4



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: 48.217 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

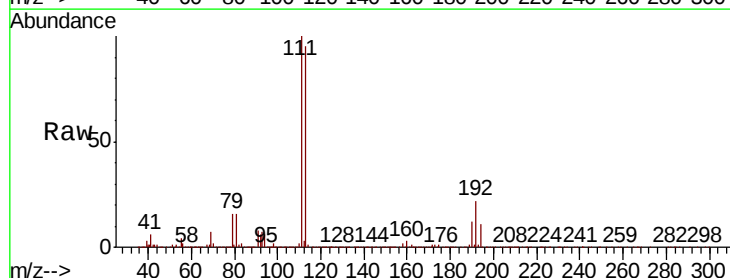
Tgt Ion:113 Resp: 255923

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

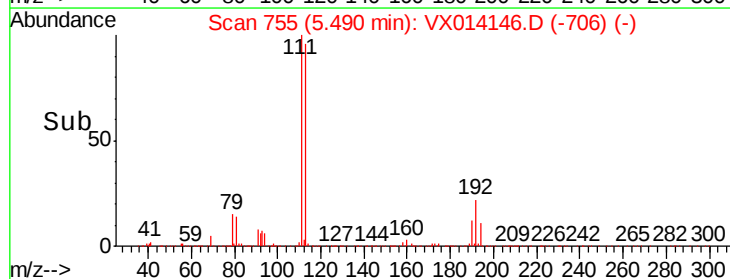
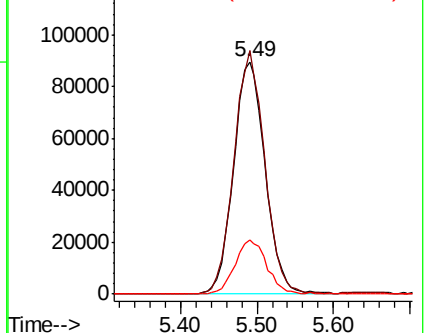
192 23.3 19.3 28.9

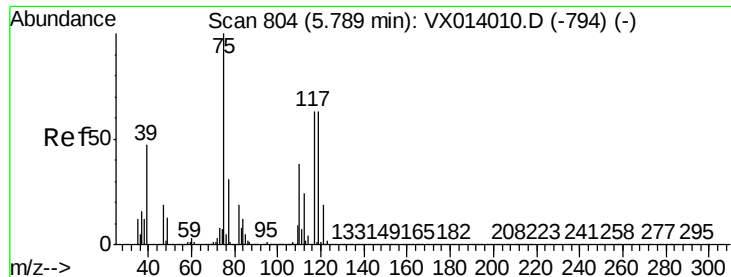


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

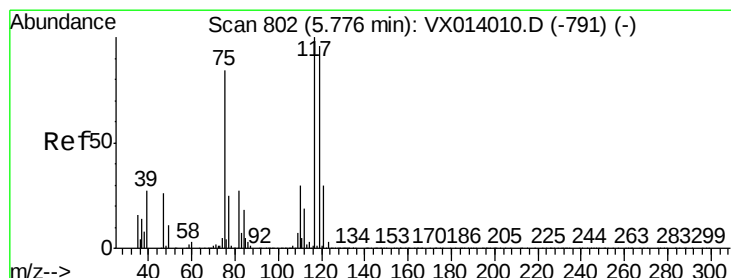
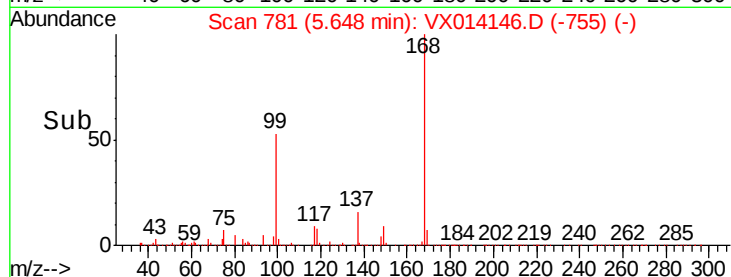
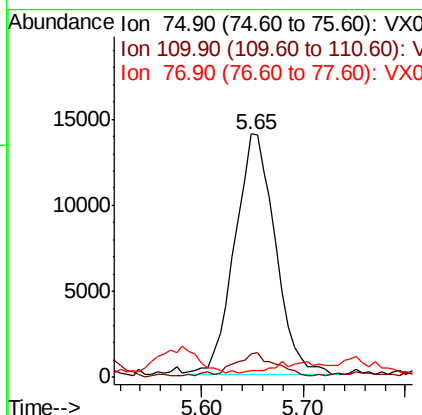
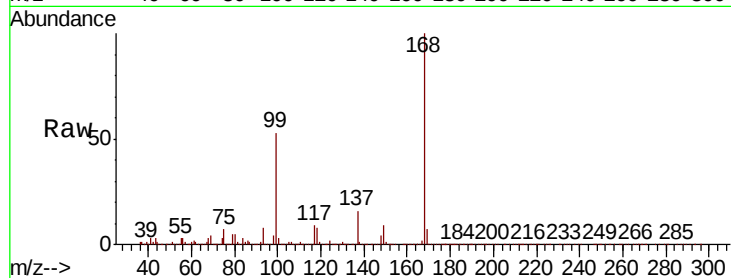




#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

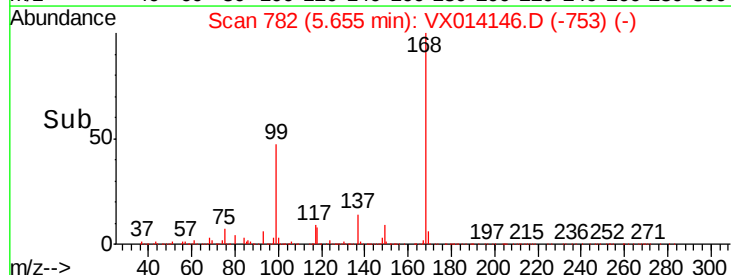
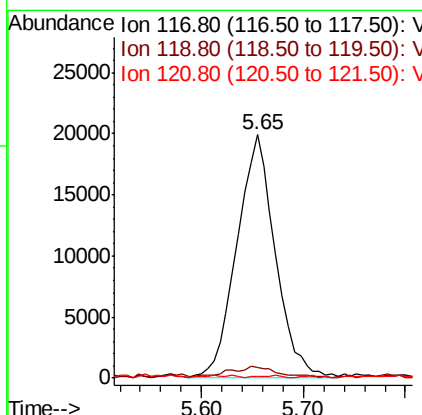
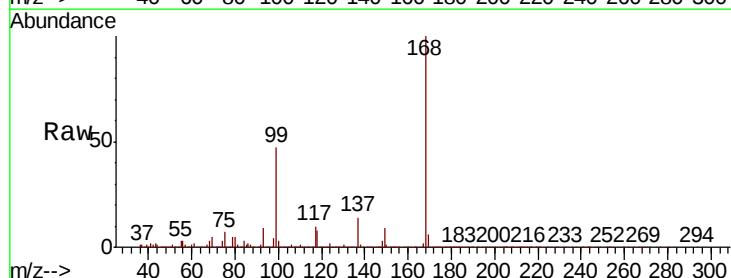
Instrument :
 MSVOA_X
 ClientSampleId :

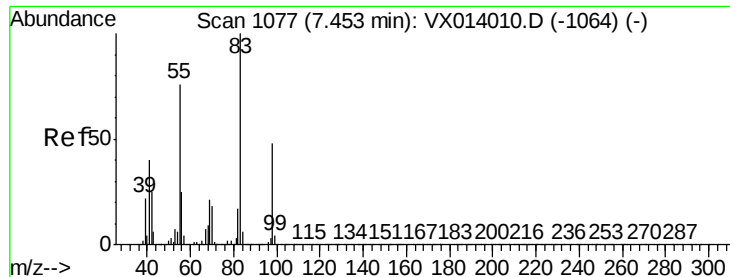
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.3	54.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.061 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.4#
121	0.6	23.6	35.4#

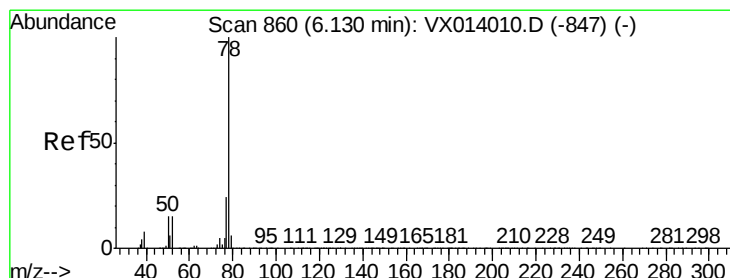
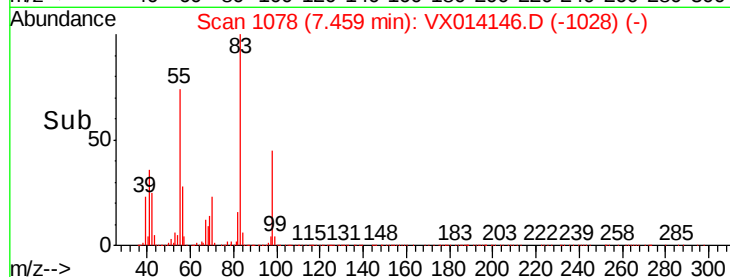
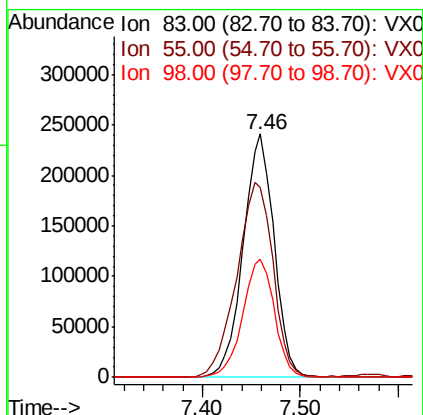
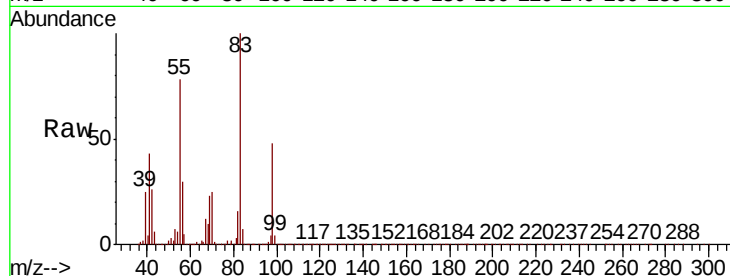




#39
Methvlcvclohexane
Concen: 53.507 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

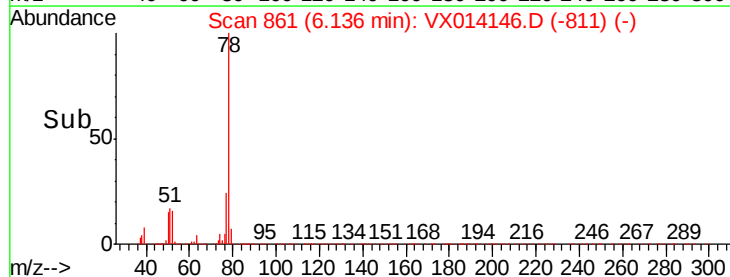
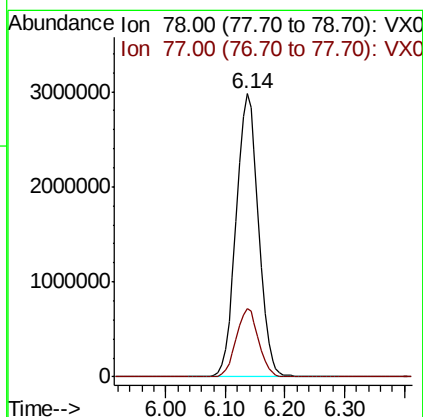
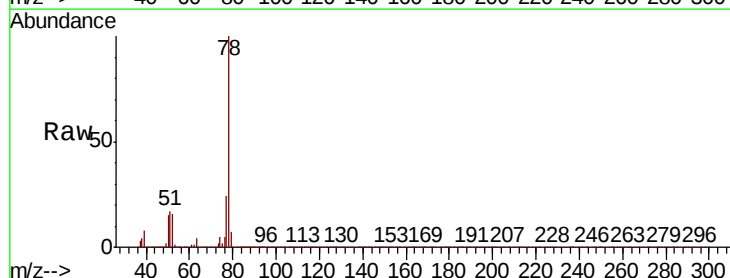
Instrument :
MSVOA_X
ClientSampleId :

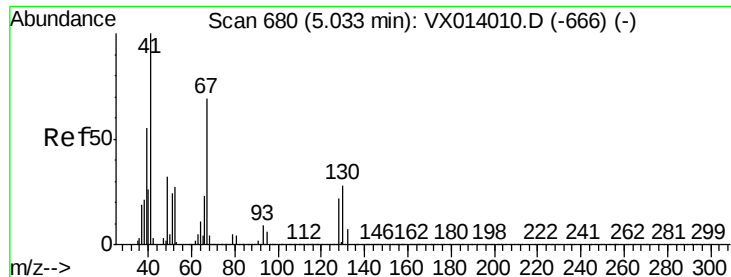
Tot Ion: 83 Resp: 529314
Ion Ratio Lower Upper
83 100
55 77.8 61.0 91.6
98 48.3 38.6 57.8



#40
Benzene
Concen: 315.911 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 78 Resp: 7787490
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

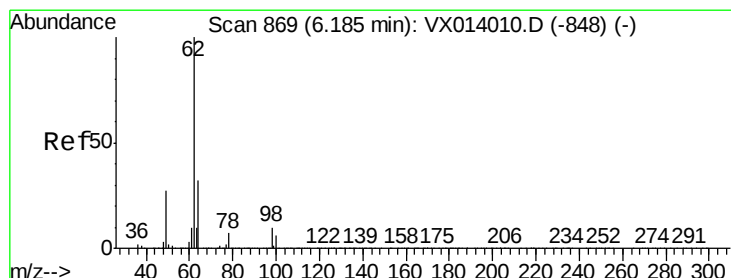
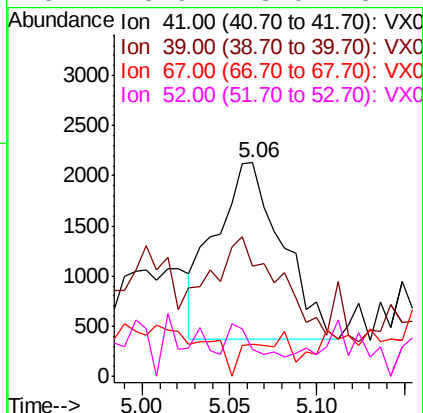
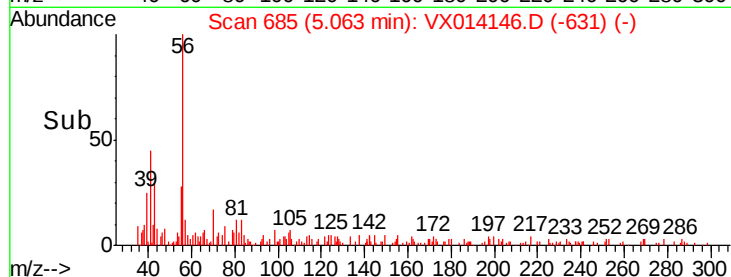
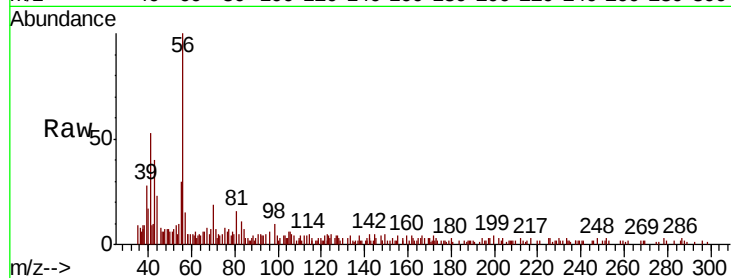




#41
Methacrylonitrile
Concen: 0.955 ug/l
RT: 5.06 min Scan# 685
Delta R.T. 0.03 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

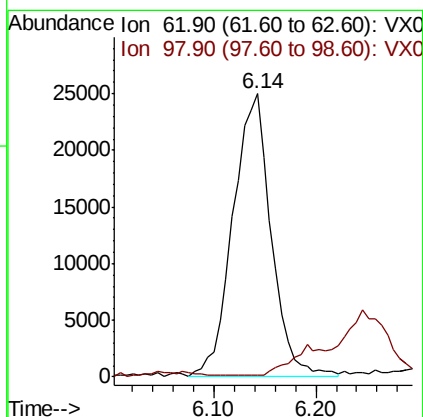
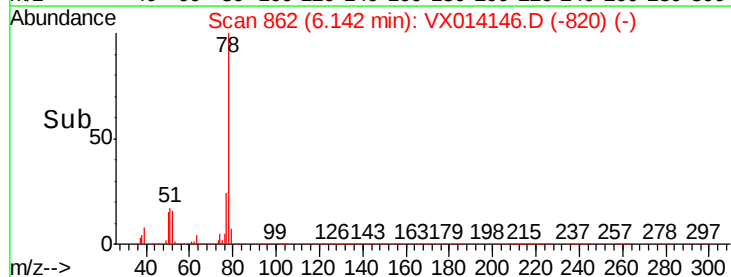
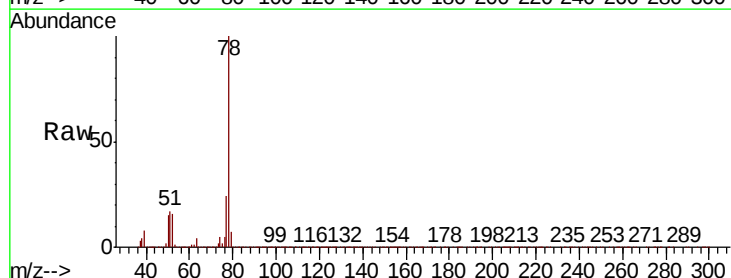
Instrument :
MSVOA_X
ClientSampleId :

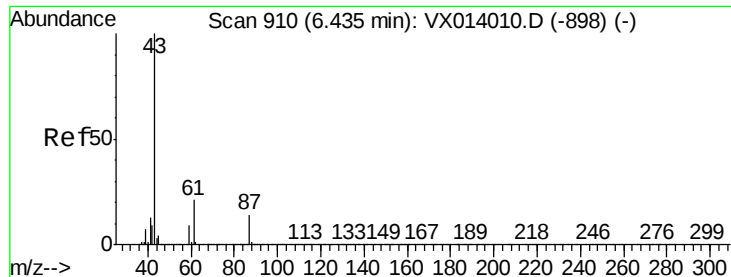
Tot Ion: 41 Resp: 4690
Ion Ratio Lower Upper
41 100
39 54.8 44.5 66.7
67 0.0 57.4 86.0#
52 5.9 23.0 34.4#



#42
1,2-Dichloroethane
Concen: 7.803 ug/l
RT: 6.14 min Scan# 862
Delta R.T. -0.04 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 62 Resp: 65206
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.0

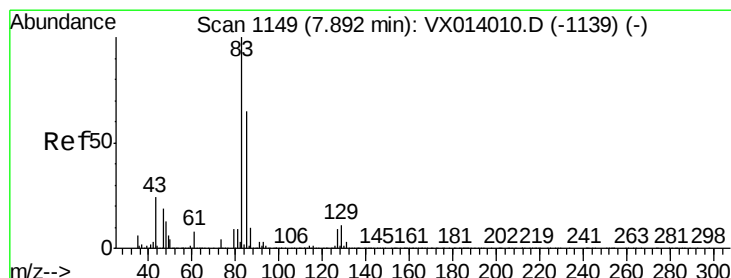
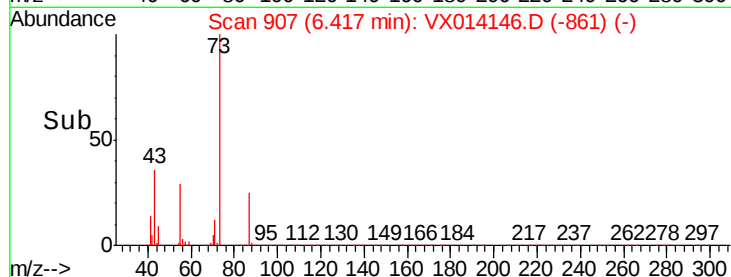
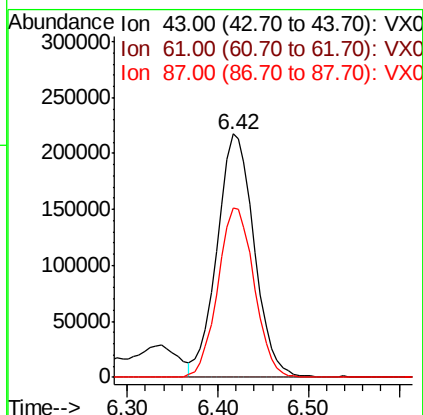
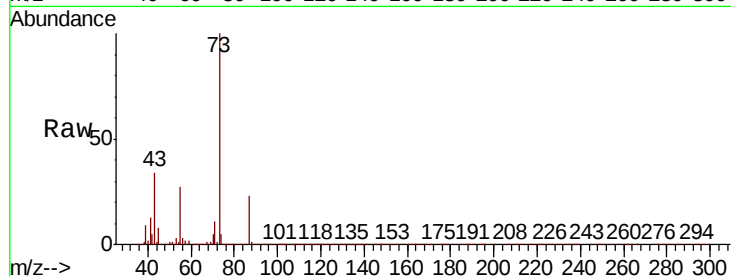




#43
Isopropyl Acetate
Concen: 42.117 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

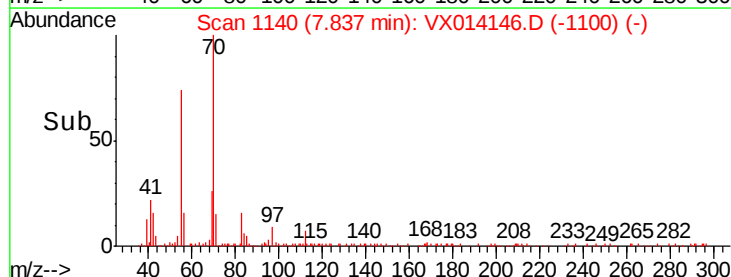
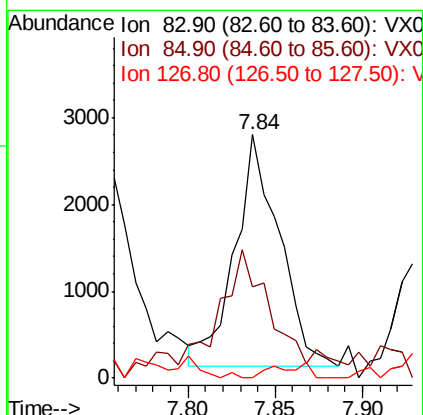
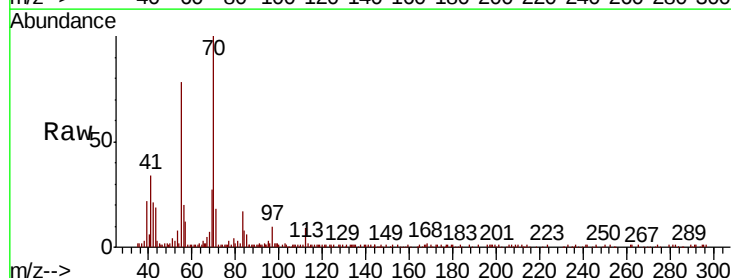
Instrument :
MSVOA_X
ClientSampleId :

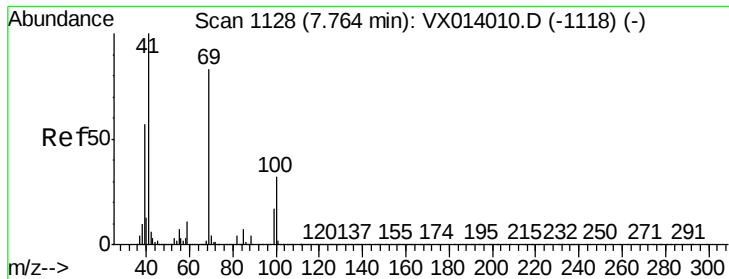
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.4	24.6#
87	68.4	10.7	16.1#



#47
Bromodichloromethane
Concen: 0.597 ug/l
RT: 7.84 min Scan# 1140
Delta R.T. -0.05 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	31.9	51.8	77.8#
127	3.9	7.0	10.4#

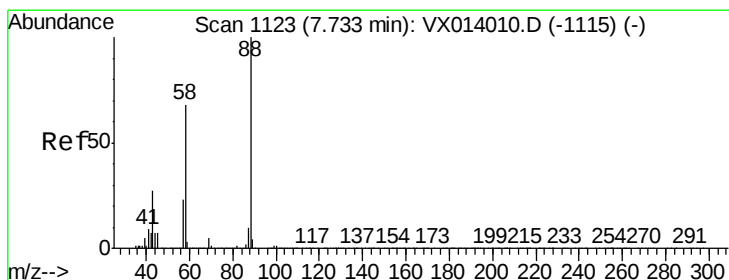
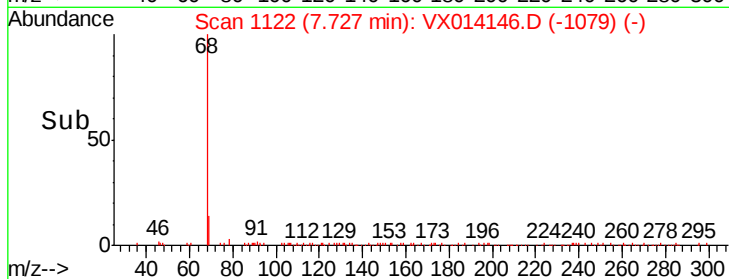
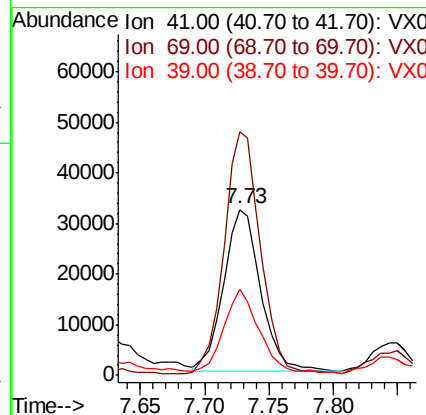
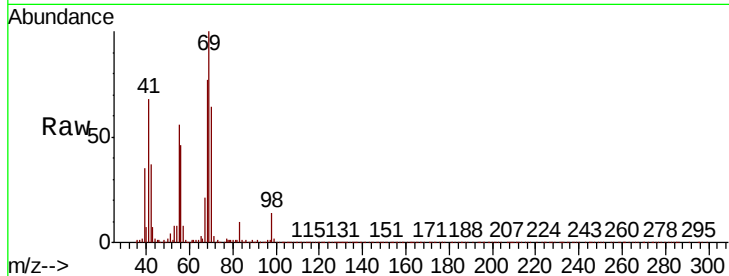




#48
Methvl methacrylate
Concen: 9.040 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

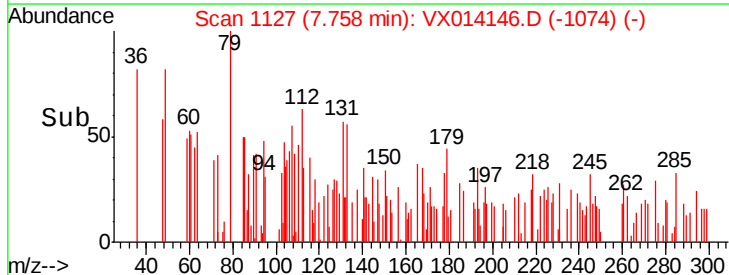
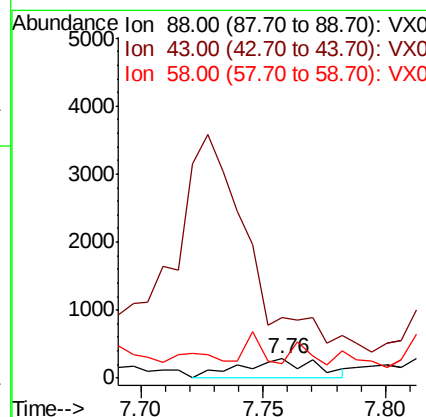
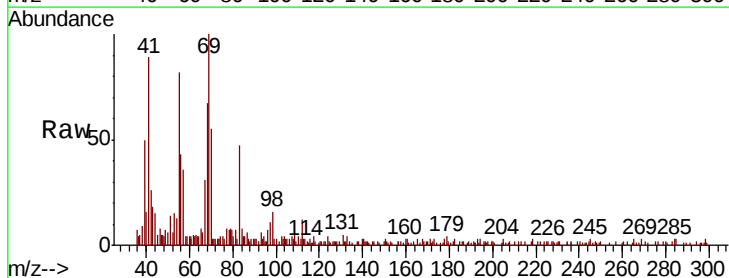
Instrument :
MSVOA_X
ClientSampleId :

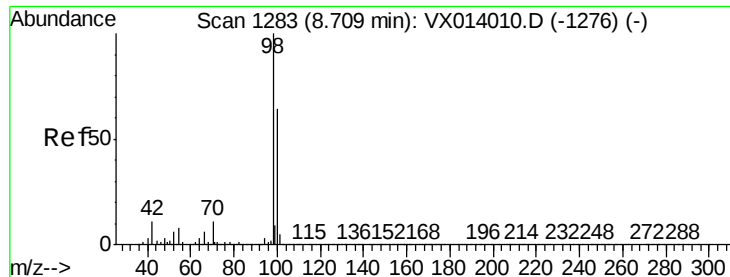
Tot Ion: 41 Resp: 64812
Ion Ratio Lower Upper
41 100
69 144.8 65.8 98.6#
39 47.5 44.6 67.0



#49
1,4-Dioxane
Concen: 4.277 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 88 Resp: 624
Ion Ratio Lower Upper
88 100
43 0.0 26.5 39.7#
58 26.0 56.8 85.2#





#50

Toluene-d8

Concen: 50.965 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

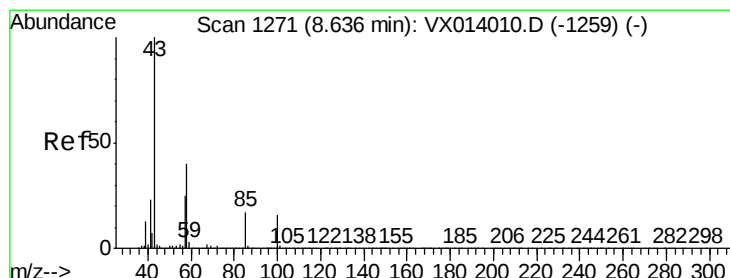
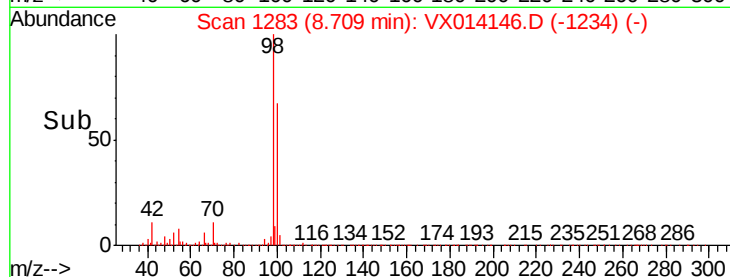
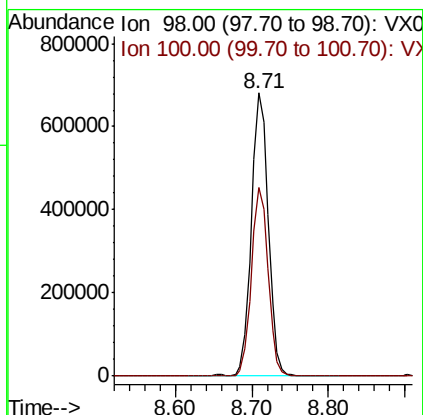
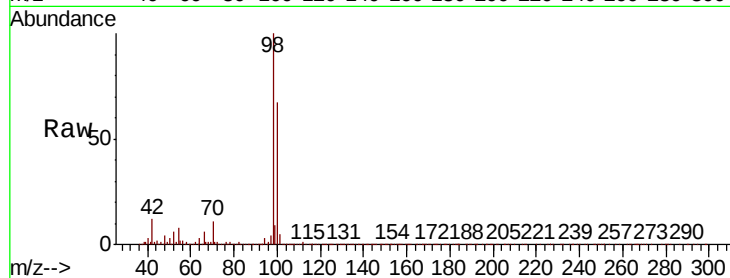
ClientSampleId :

Tot Ion: 98 Resp: 1053158

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 1.065 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VX014146.D

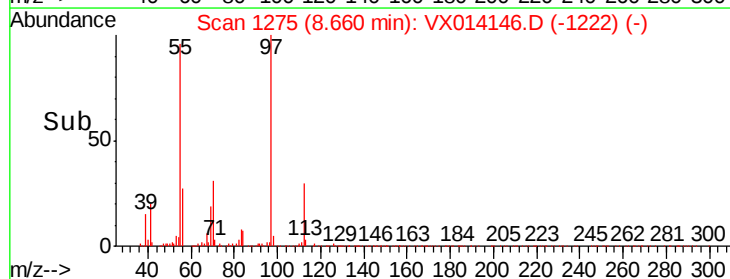
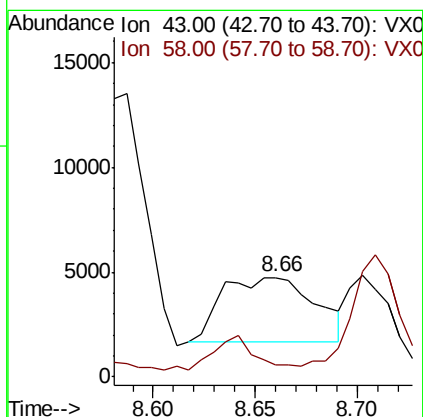
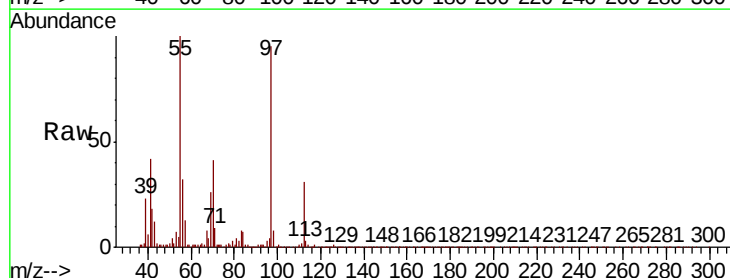
Acq: 20 Dec 2019 02:32

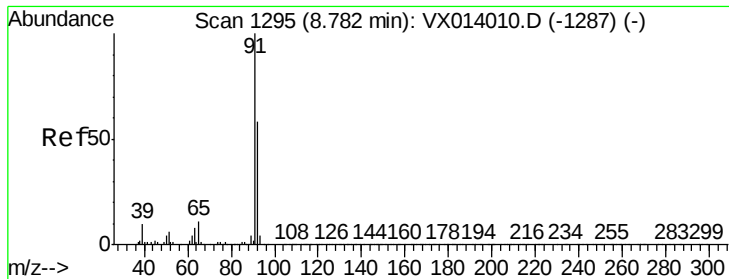
Tgt Ion: 43 Resp: 9789

Ion Ratio Lower Upper

43 100

58 23.5 32.2 48.2#





#52

Toluene

Concen: 211.013 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

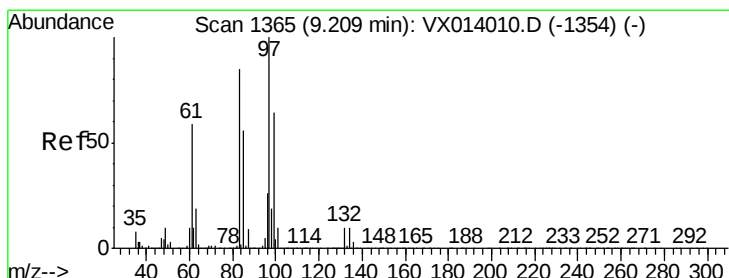
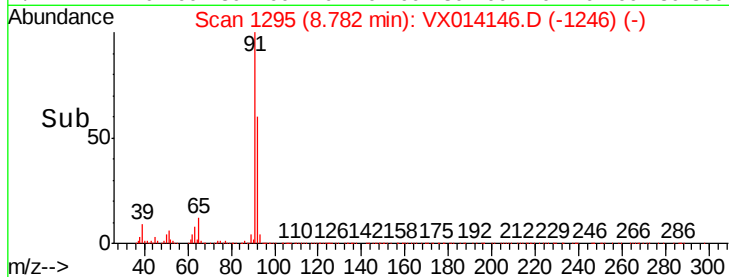
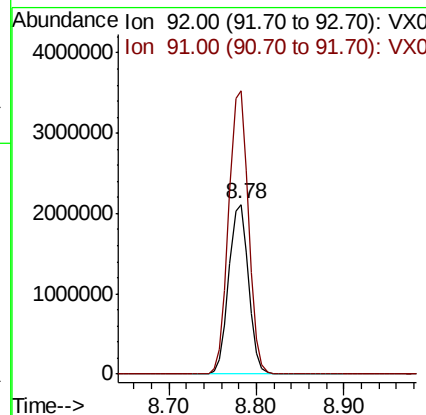
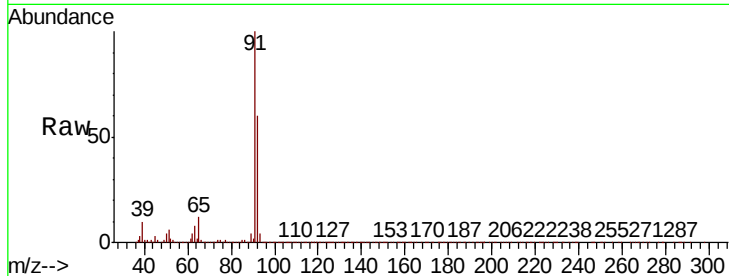
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 3287810

Ion Ratio Lower Upper

92 100

91 168.2 136.2 204.4



#55

1,1,2-Trichloroethane

Concen: 10.540 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Tgt Ion: 97 Resp: 65819

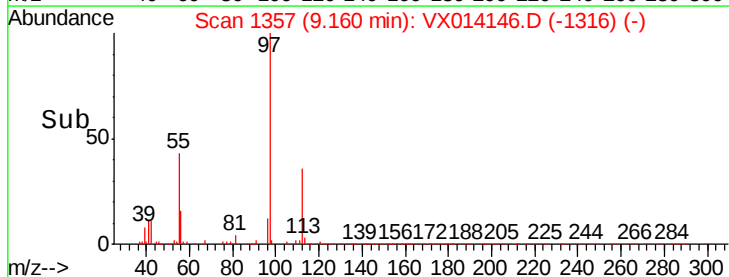
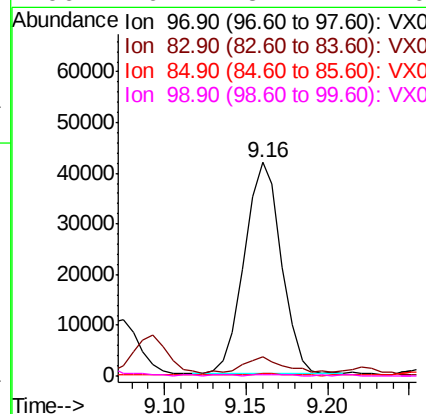
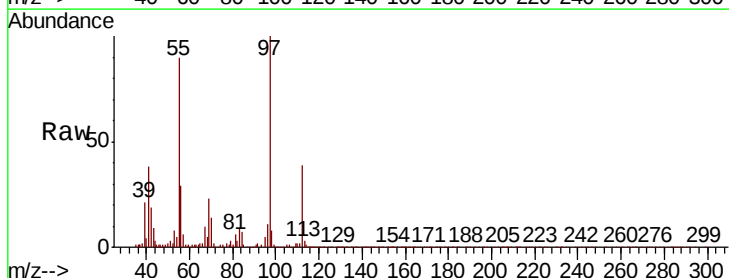
Ion Ratio Lower Upper

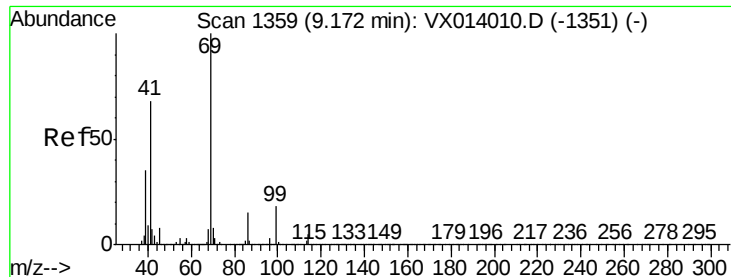
97 100

83 7.0 68.2 102.4#

85 0.7 44.6 66.8#

99 0.1 51.4 77.0#

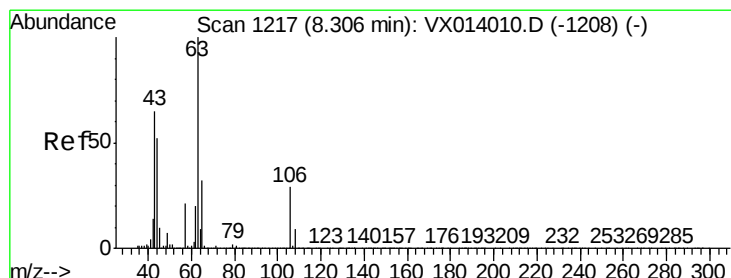
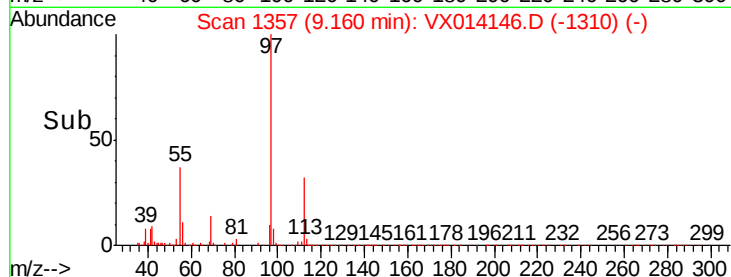
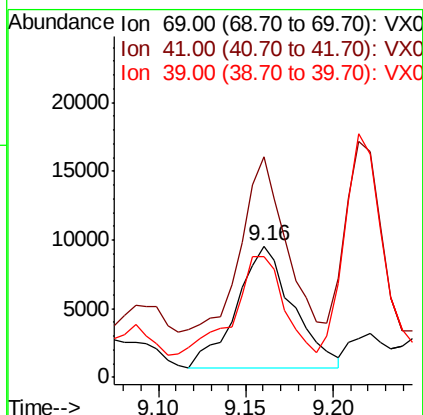
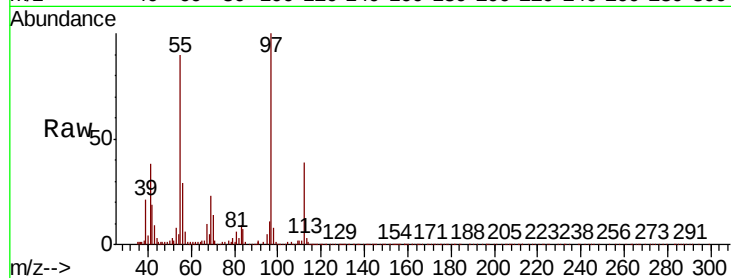




#56
Ethyl methacrylate
Concen: 2.010 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

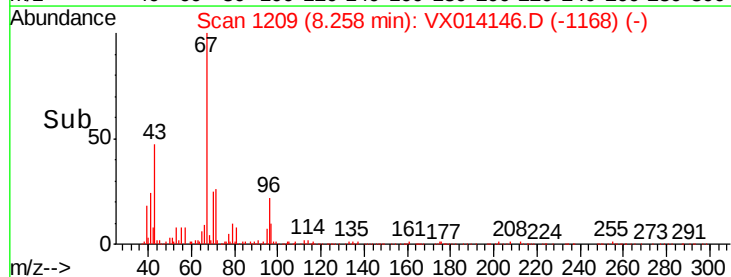
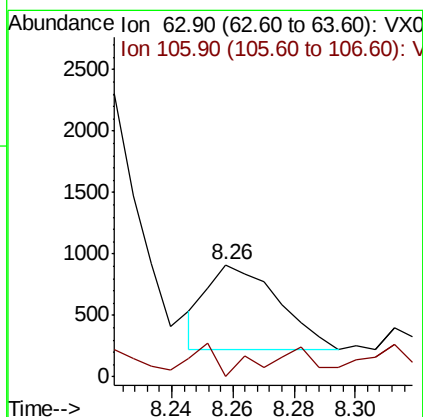
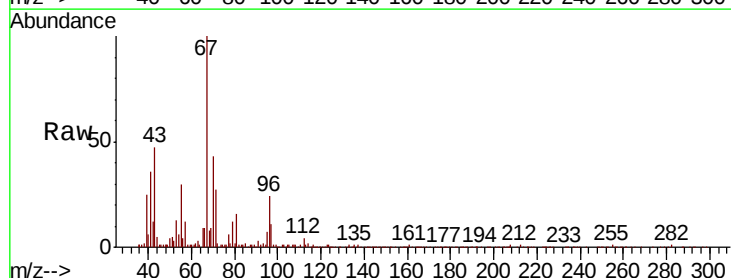
Instrument :
MSVOA_X
ClientSampleId :

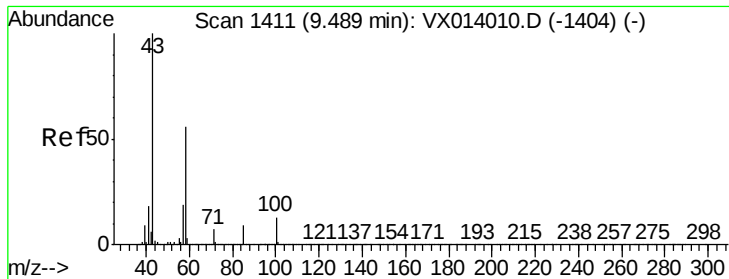
Tot Ion: 69 Resp: 19717
Ion Ratio Lower Upper
69 100
41 108.4 54.8 82.2#
39 69.2 28.3 42.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.302 ug/l
RT: 8.26 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 63 Resp: 1121
Ion Ratio Lower Upper
63 100
106 14.0 23.0 34.6#

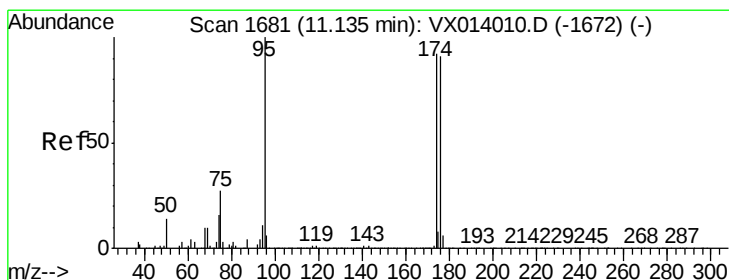
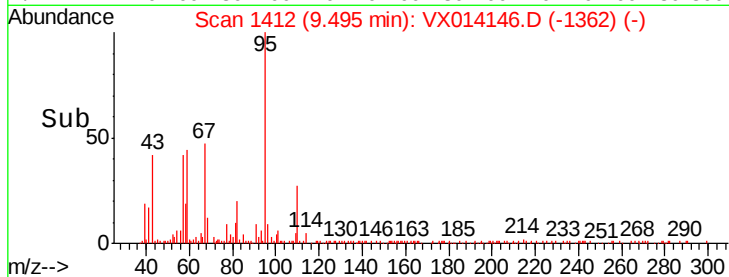
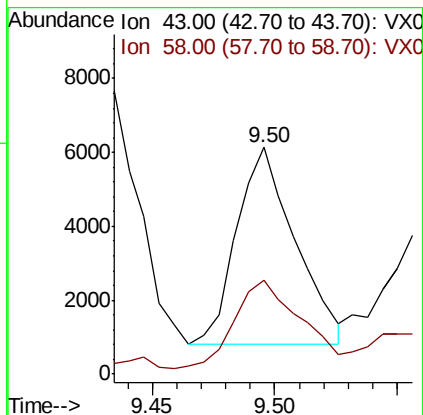
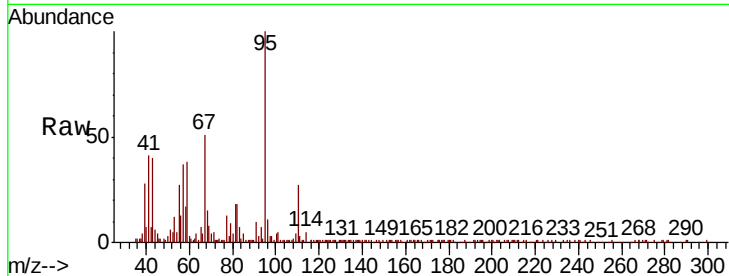




#59
2-Hexanone
Concen: 1.205 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

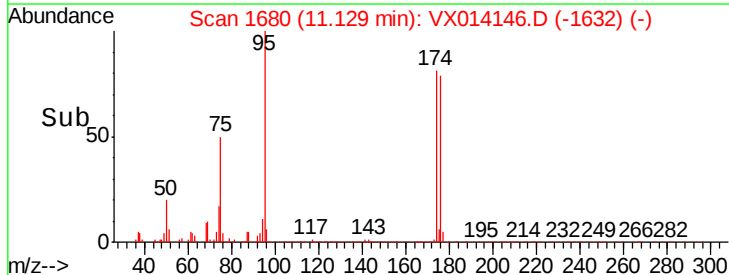
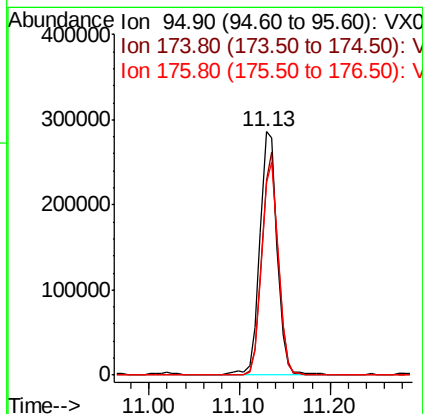
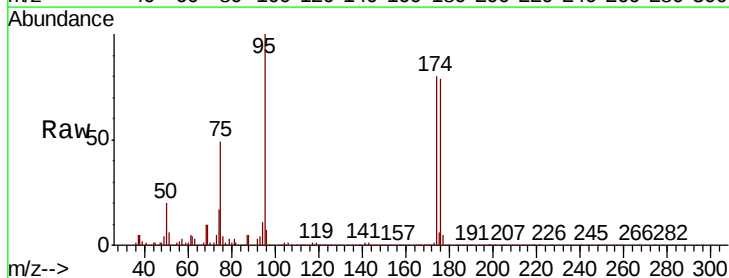
Instrument :
MSVOA_X
ClientSampled :

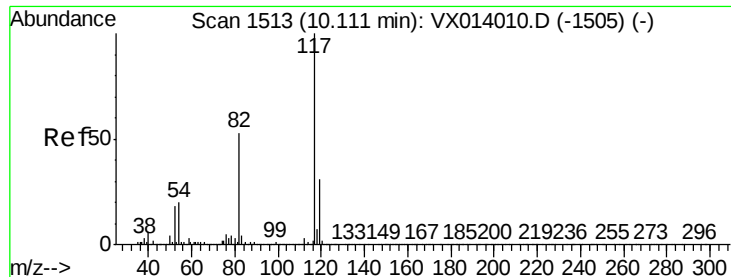
Tot Ion: 43 Resp: 8920
Ion Ratio Lower Upper
43 100
58 50.7 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 49.793 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 95 Resp: 376123
Ion Ratio Lower Upper
95 100
174 85.9 0.0 175.8
176 84.3 0.0 173.0

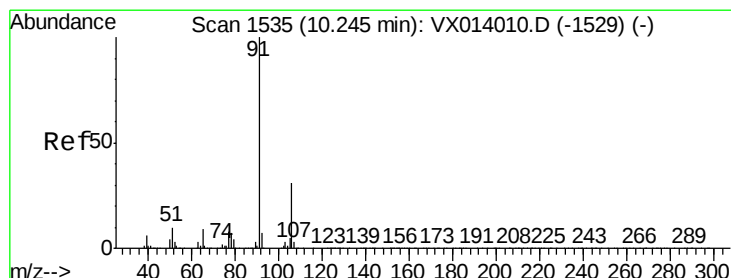
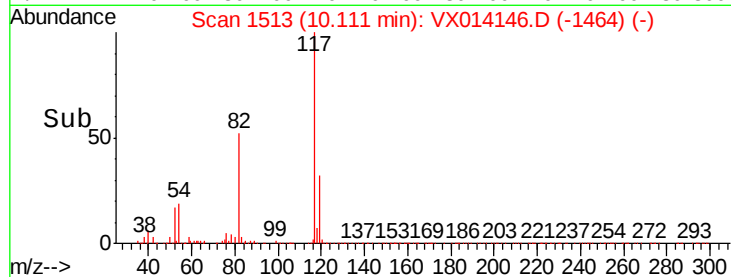
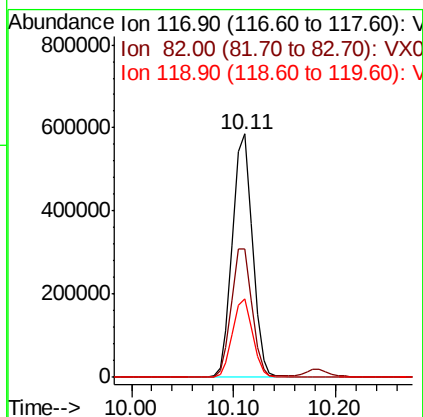
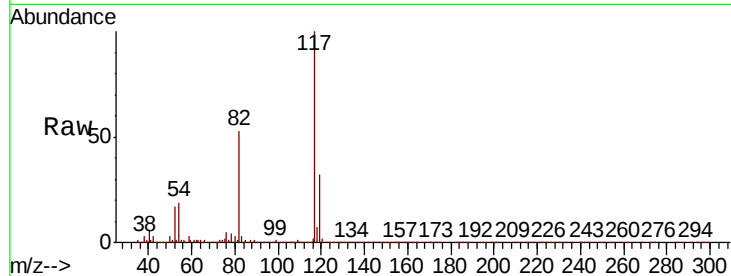




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

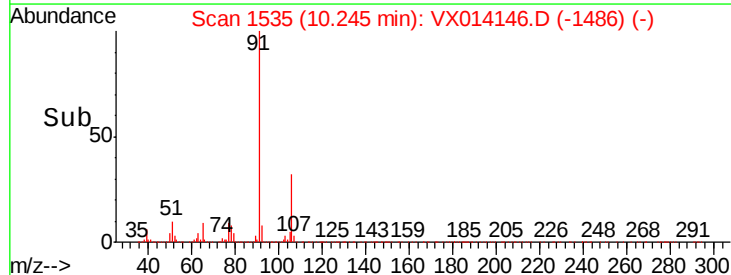
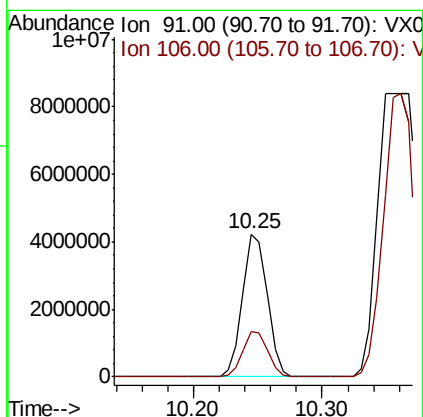
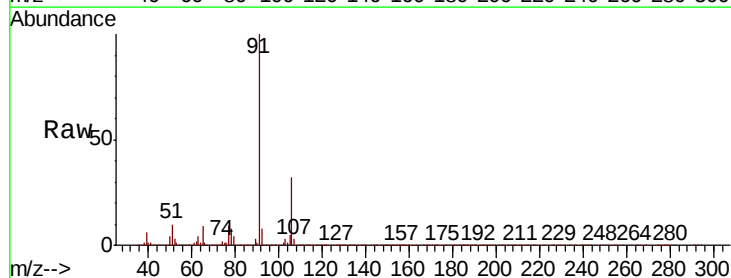
Instrument :
MSVOA_X
ClientSampleId :

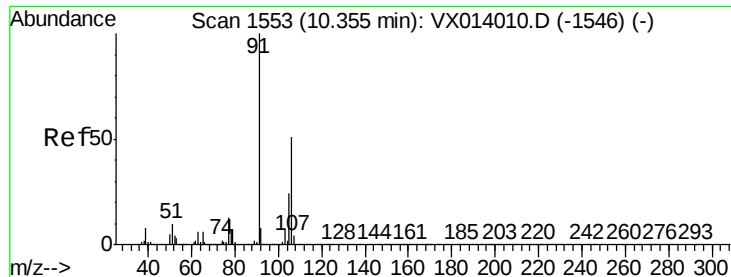
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	32.2	25.1	37.7



#67
Ethyl Benzene
Concen: 194.434 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.0	37.6





#68

m/p-Xvlenes

Concen: 1204.812 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

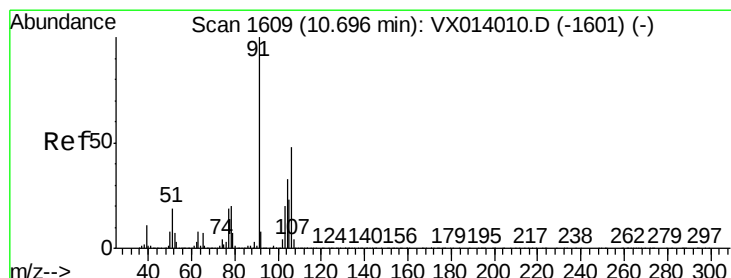
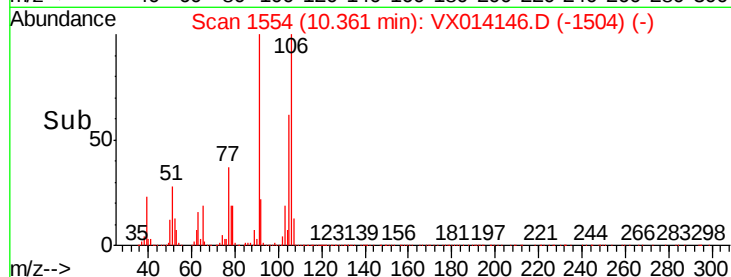
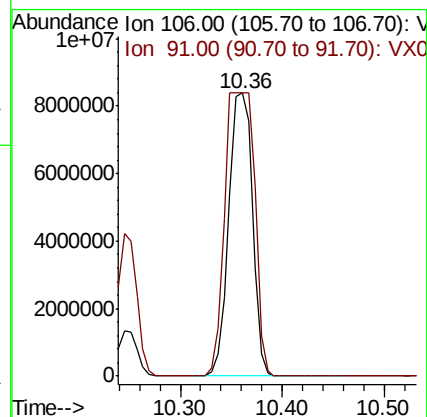
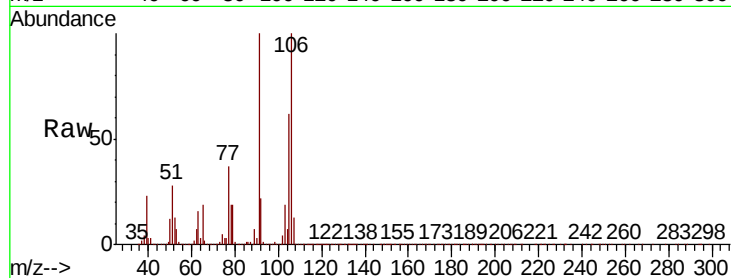
ClientSampleId :

Tot Ion:106 Resp:13432370

Ion Ratio Lower Upper

106 100

91 127.9 158.6 238.0#



#69

o-Xylene

Concen: 475.378 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014146.D

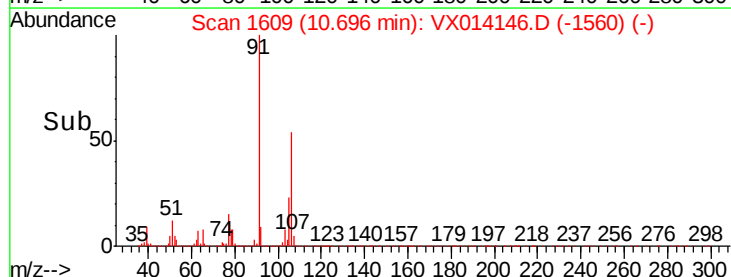
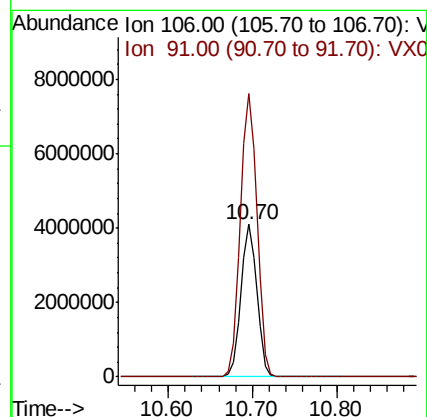
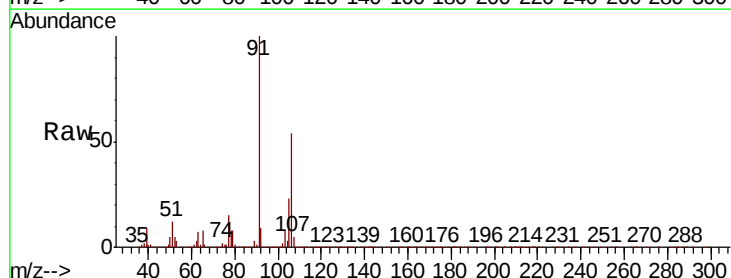
Acq: 20 Dec 2019 02:32

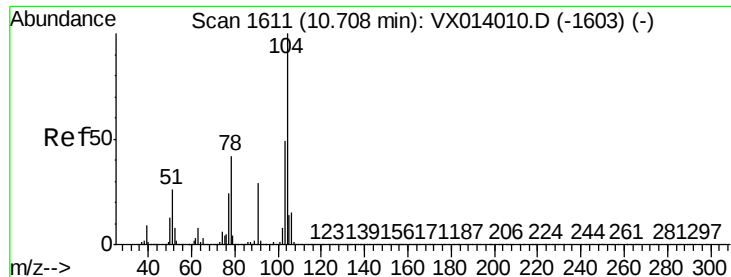
Tgt Ion:106 Resp: 5197955

Ion Ratio Lower Upper

106 100

91 194.8 104.2 312.6

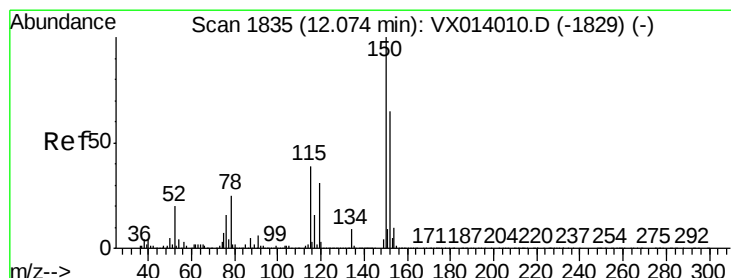
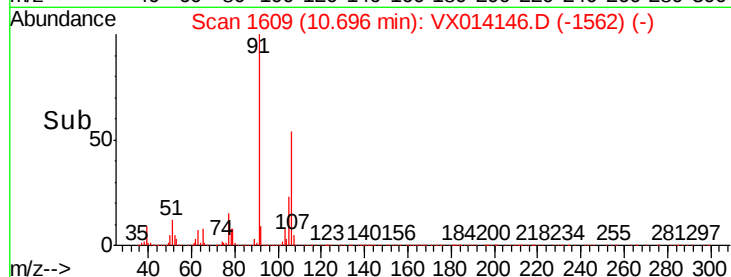
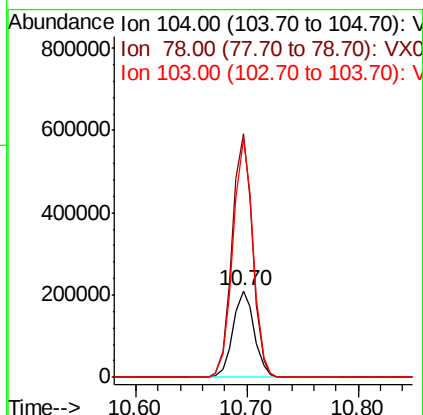
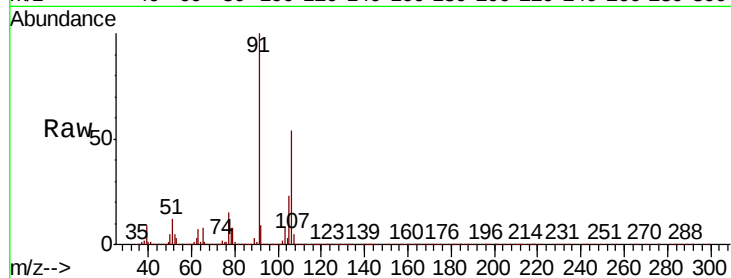




#70
Stvrene
Concen: 14.991 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

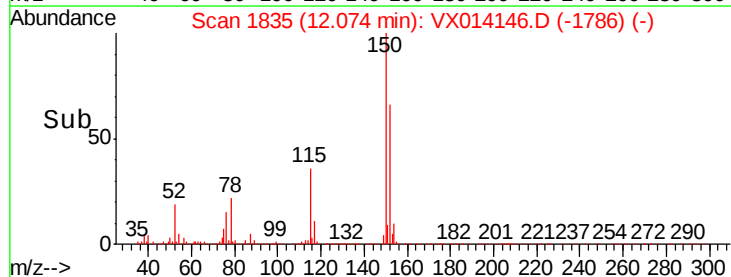
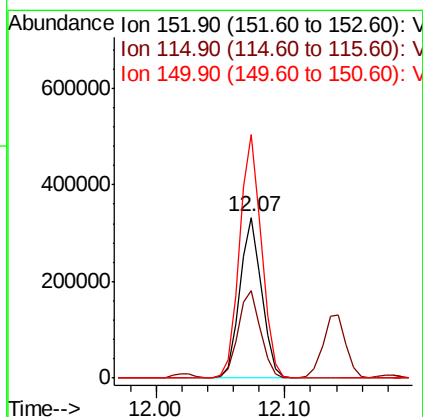
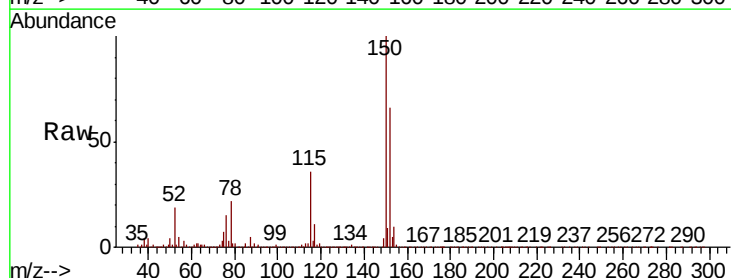
Instrument :
MSVOA_X
ClientSampleId :

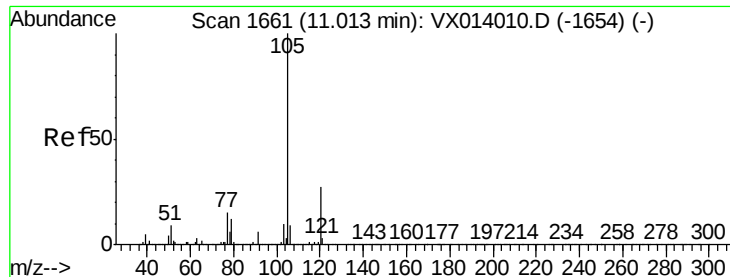
Tot Ion	Ratio	Lower	Upper
104	100		
78	269.5	38.5	57.7#
103	261.7	42.9	64.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.3	114.9
150	152.8	0.0	345.4





#73

Isopropylbenzene

Concen: 13.124 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

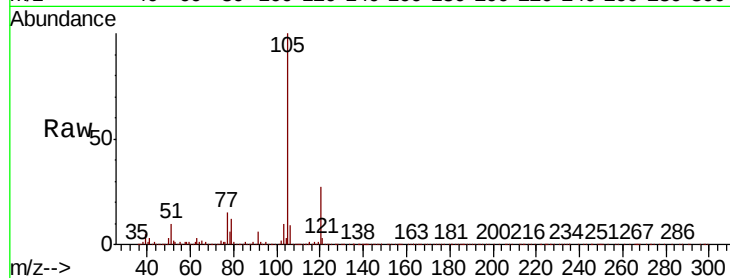
ClientSampleId :

Tot Ion:105 Resp: 358708

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

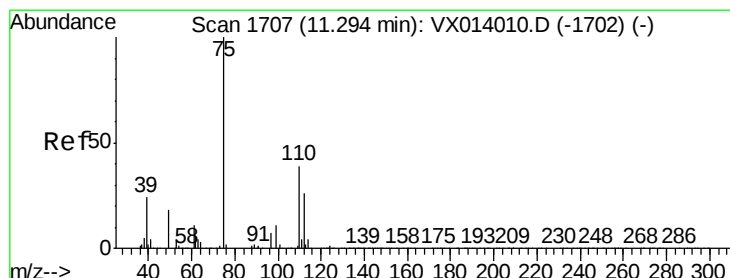
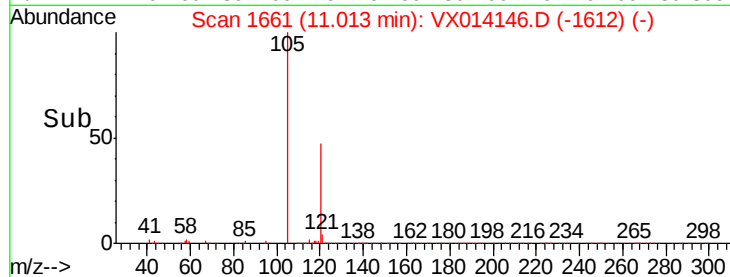
100000

0

11.01

11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 8.191 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.13 min

Lab File: VX014146.D

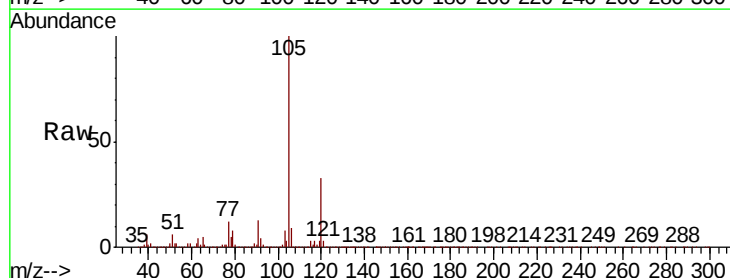
Acq: 20 Dec 2019 02:32

Tgt Ion: 75 Resp: 69037

Ion Ratio Lower Upper

75 100

77 1485.0 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

600000

500000

400000

300000

200000

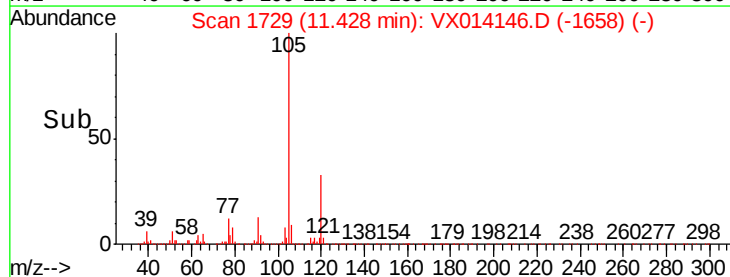
100000

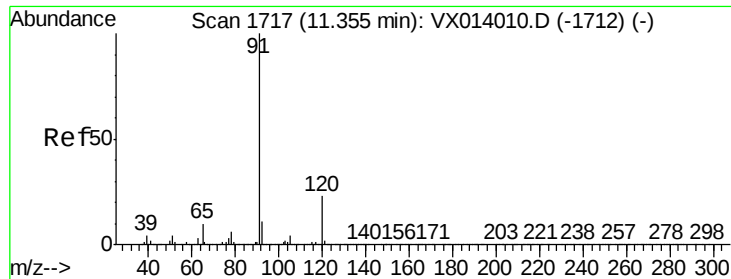
0

11.43

11.50

Time-->





#78

n-propylbenzene

Concen: 16.365 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

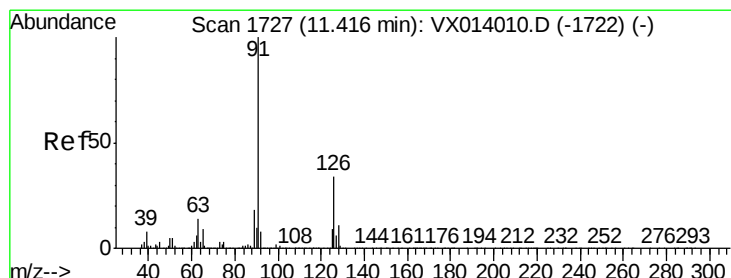
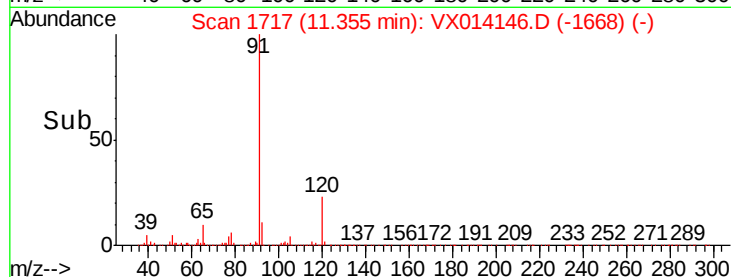
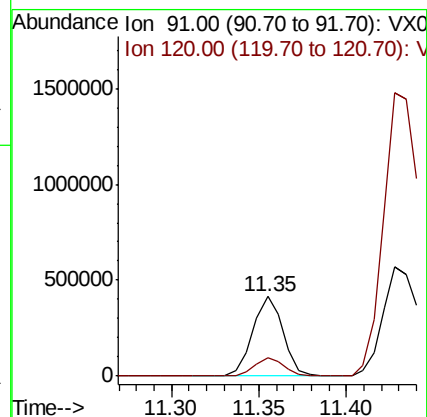
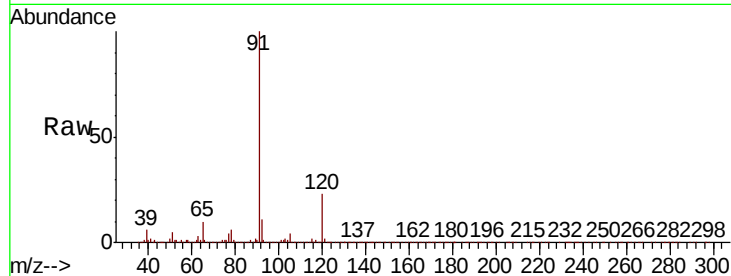
ClientSampleId :

Tot Ion: 91 Resp: 501721

Ion Ratio Lower Upper

91 100

120 22.8 11.7 35.0



#79

2-Chlorotoluene

Concen: 56.009 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014146.D

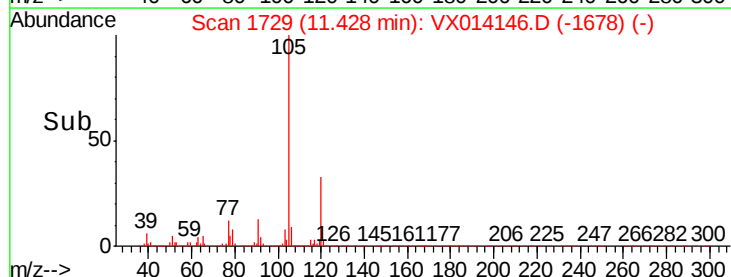
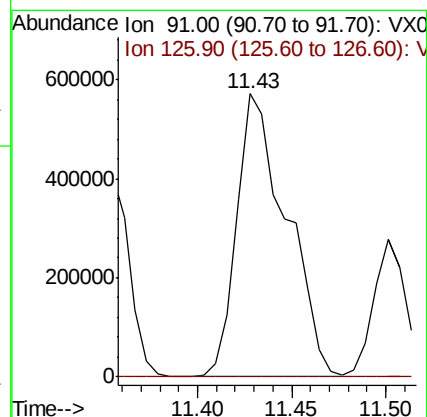
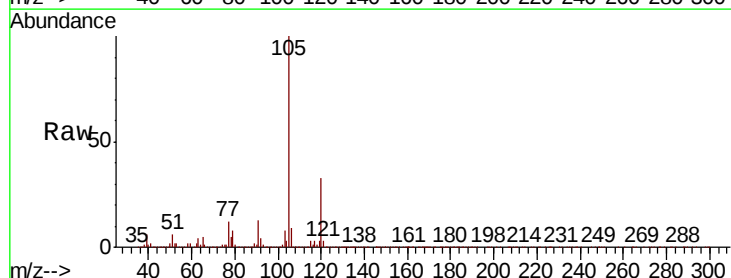
Acq: 20 Dec 2019 02:32

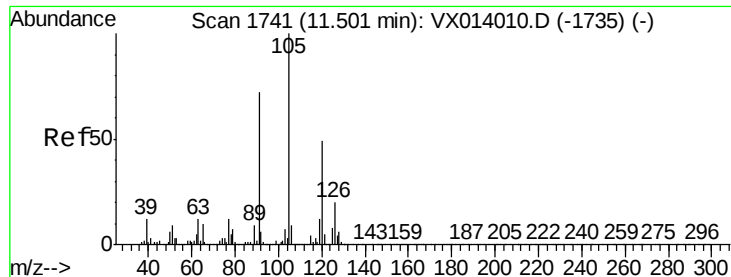
Tgt Ion: 91 Resp: 1043836

Ion Ratio Lower Upper

91 100

126 0.2 17.2 51.6#





#80

1,3,5-Trimethylbenzene

Concen: 137.921 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

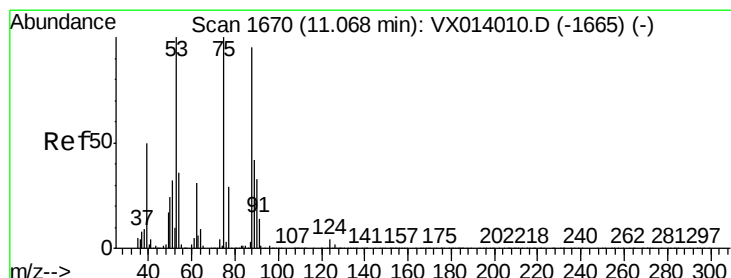
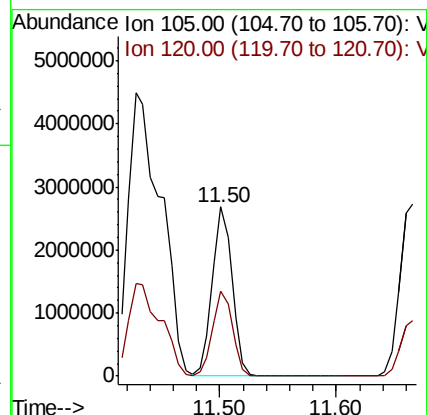
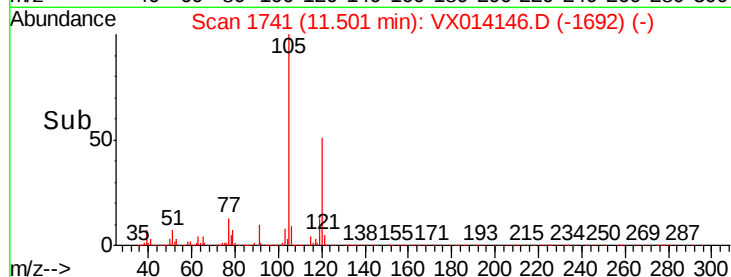
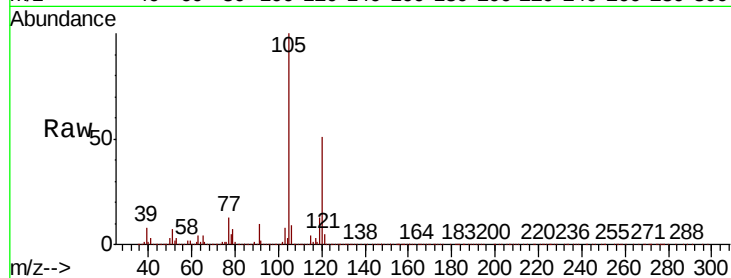
ClientSampleId :

Tot Ion:105 Resp: 3172695

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 59.754 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

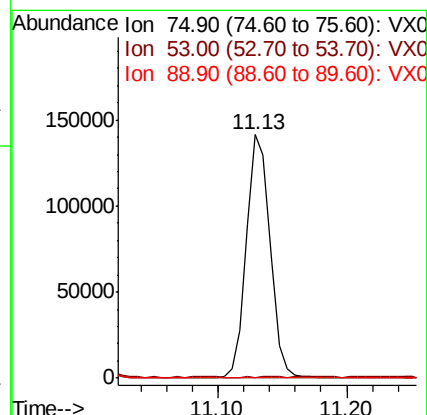
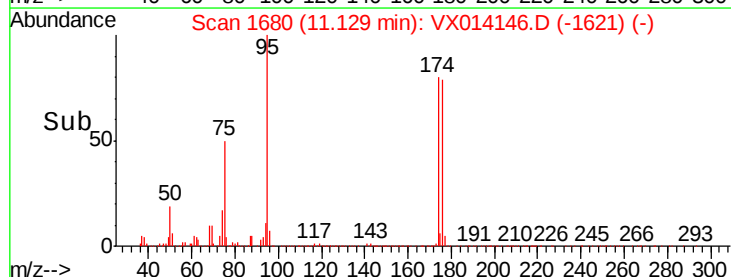
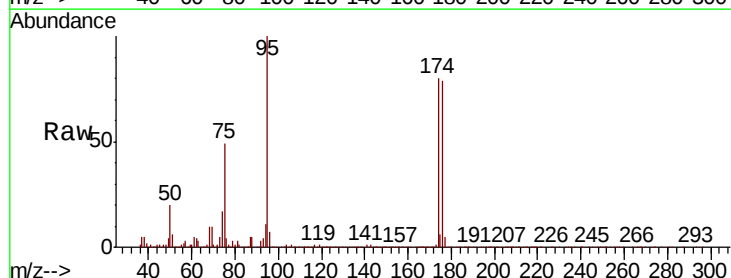
Tgt Ion: 75 Resp: 178426

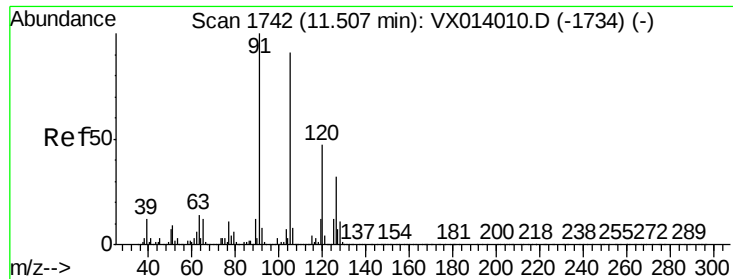
Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

89 0.2 34.6 51.8#

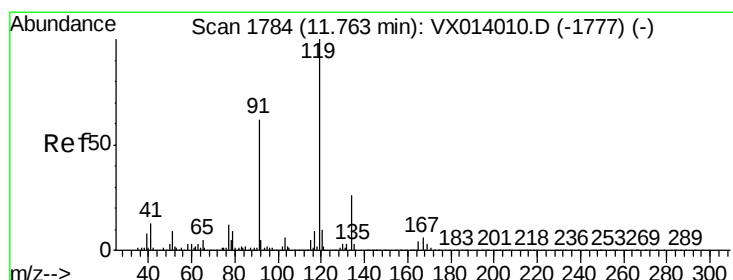
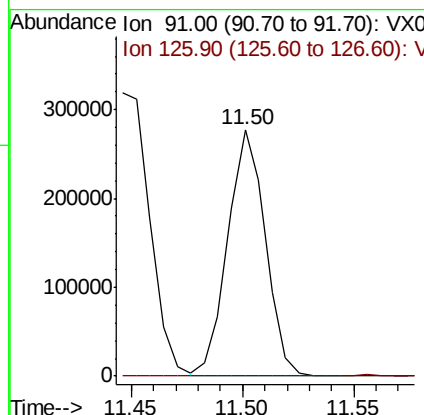
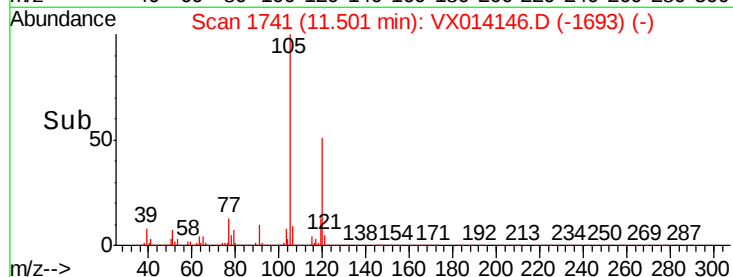
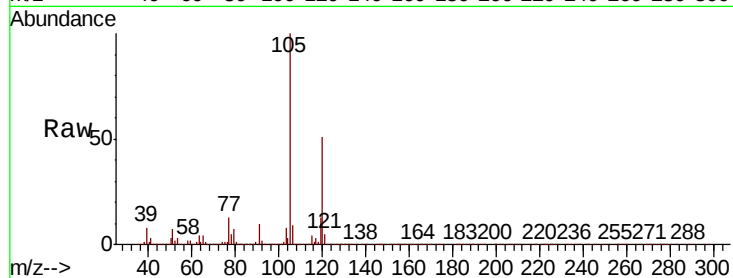




#82
4-Chlorotoluene
Concen: 14.907 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

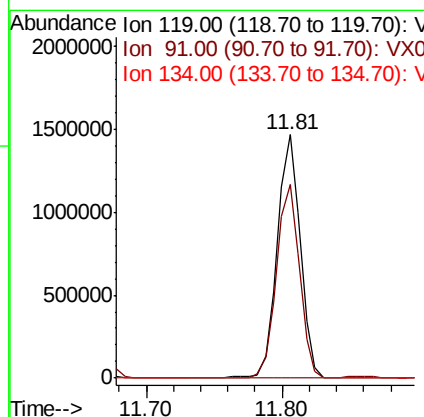
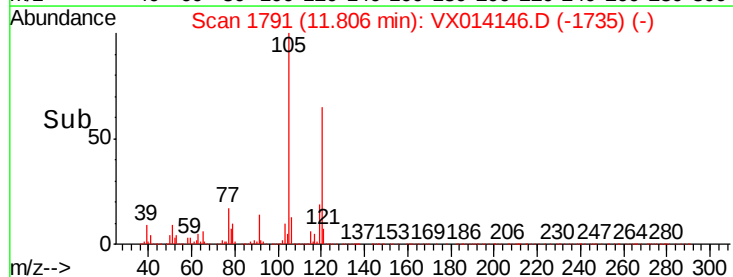
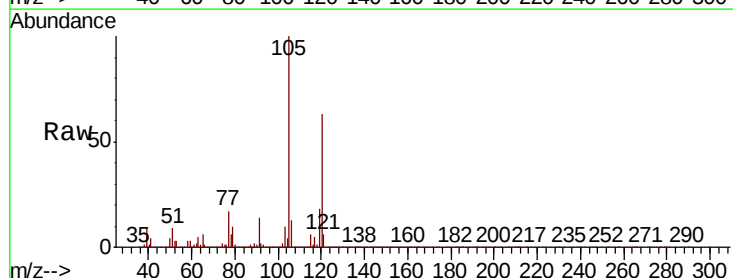
Instrument :
MSVOA_X
ClientSampleId :

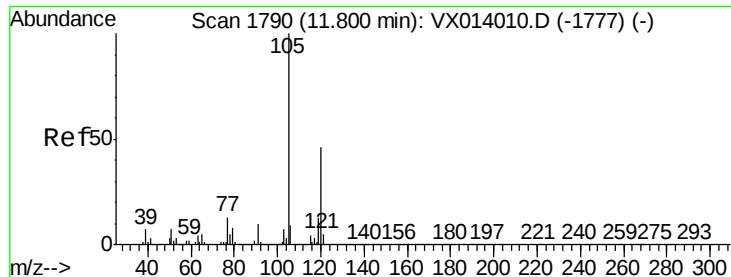
Tot Ion: 91 Resp: 322268
Ion Ratio Lower Upper
91 100
126 0.1 15.6 46.8#



#83
tert-Butylbenzene
Concen: 77.410 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion: 119 Resp: 1732924
Ion Ratio Lower Upper
119 100
91 80.2 28.5 85.6
134 0.0 12.2 36.6#

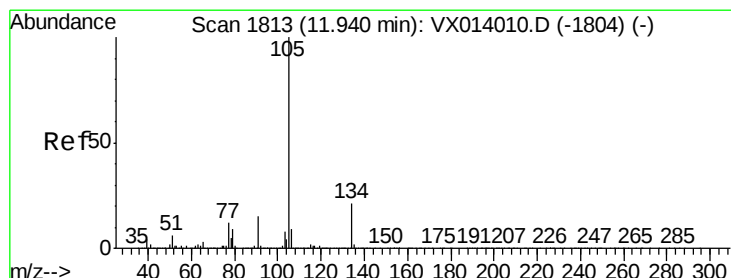
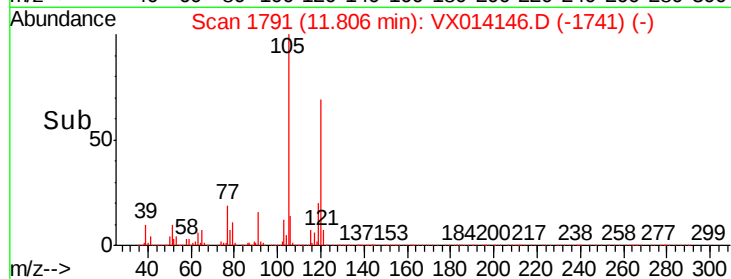
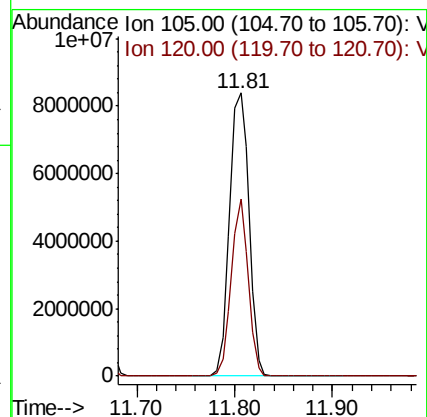
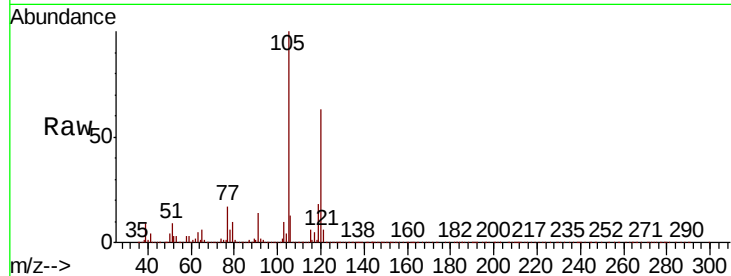




#84
 1,2,4-Trimethylbenzene
 Concen: 503.497 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

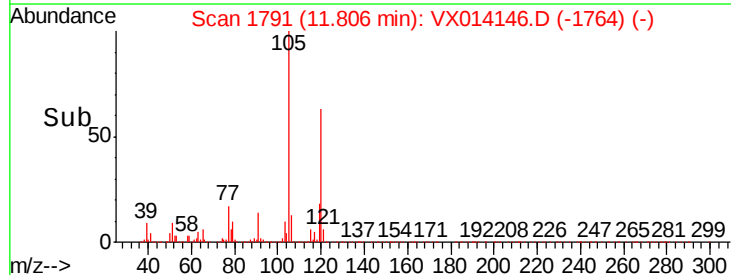
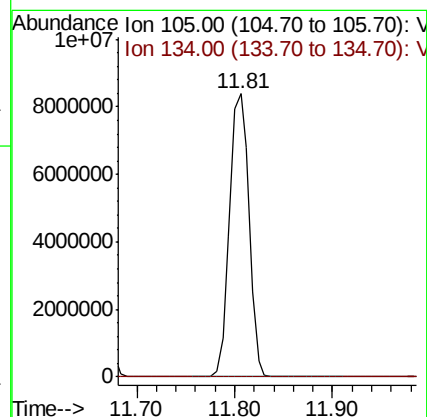
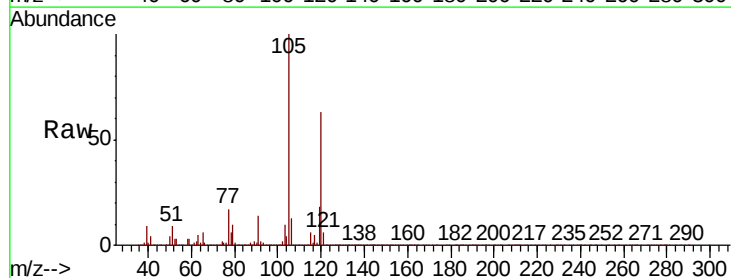
Instrument :
 MSVOA_X
 ClientSampleId :

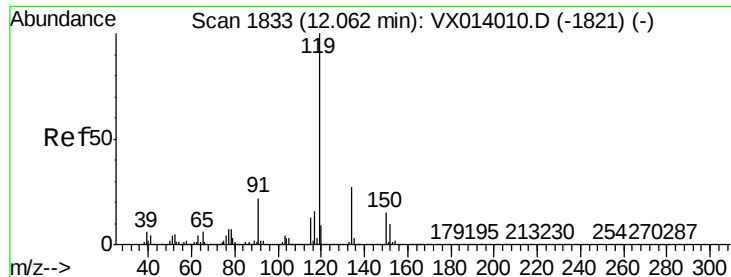
Tot Ion:105 Resp:11599007
 Ion Ratio Lower Upper
 105 100
 120 54.4 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 438.895 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX014146.D
 Acq: 20 Dec 2019 02:32

Tgt Ion:105 Resp:11599007
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

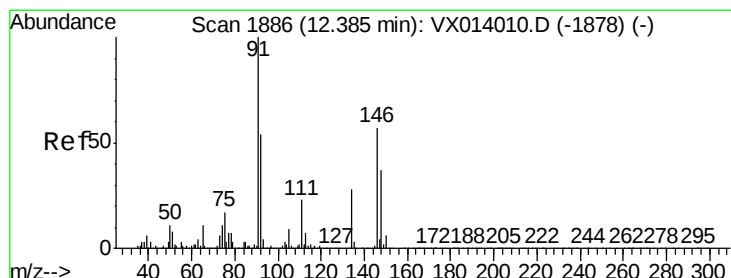
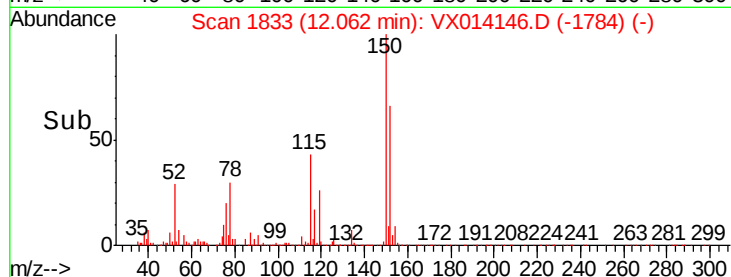
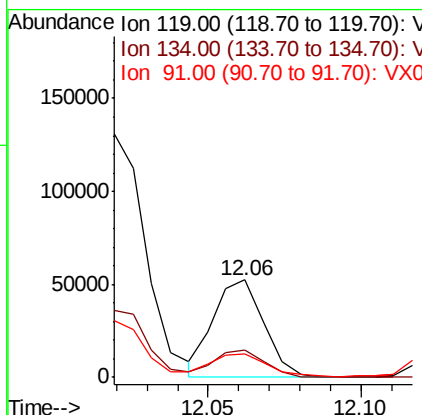
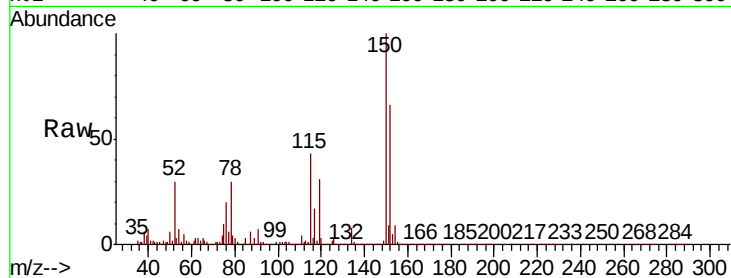




#86
p-Isopropyltoluene
Concen: 2.470 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

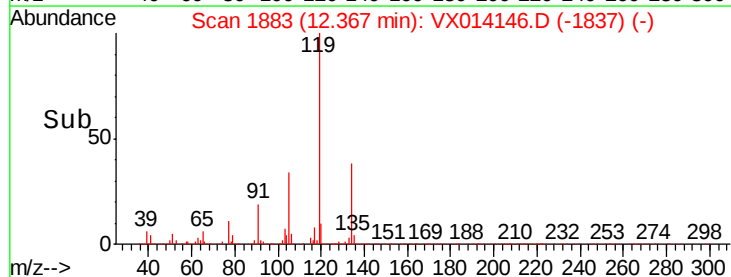
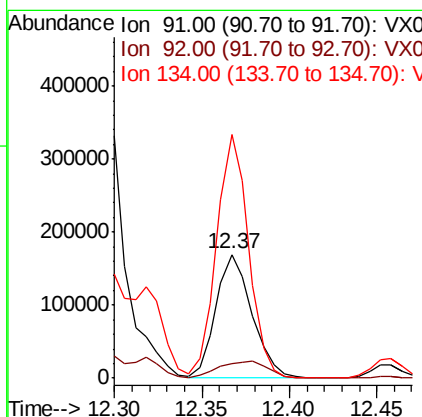
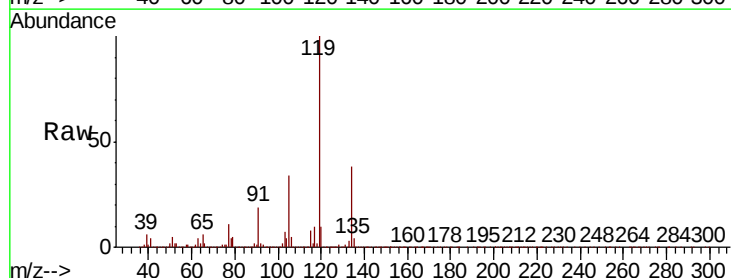
Instrument :
MSVOA_X
ClientSampleId :

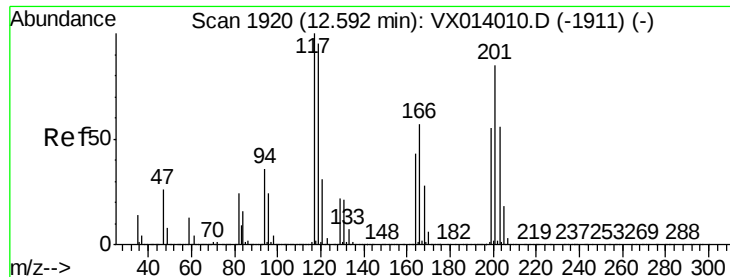
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.4	40.1
91	0.0	11.4	34.1#



#89
n-Butylbenzene
Concen: 11.653 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	18.2	27.2	81.6#
134	175.9	13.4	40.1#





#90

Hexachloroethane

Concen: 20.335 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

Instrument :

MSVOA_X

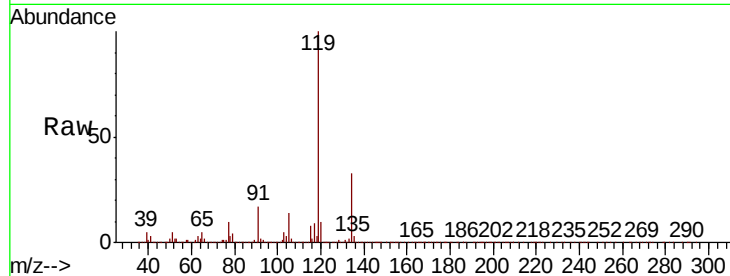
ClientSampleId :

Tot Ion:117 Resp: 88296

Ion Ratio Lower Upper

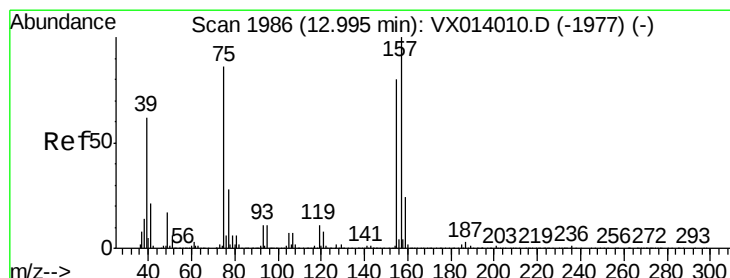
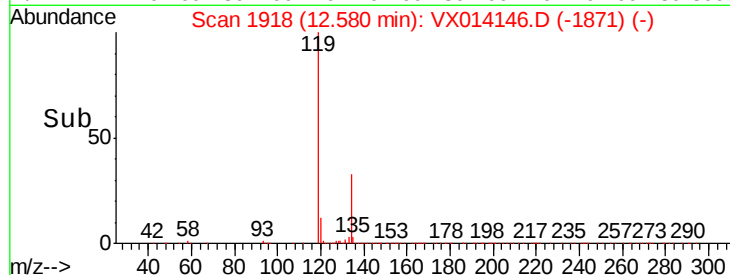
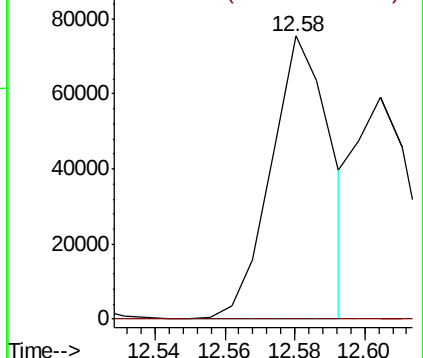
117 100

201 0.5 43.1 129.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.476 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX014146.D

Acq: 20 Dec 2019 02:32

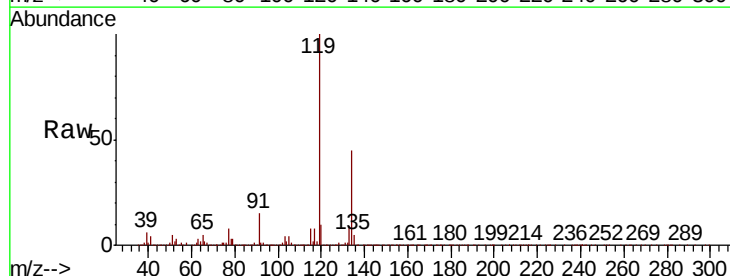
Tgt Ion: 75 Resp: 9387

Ion Ratio Lower Upper

75 100

155 4.5 46.9 140.6#

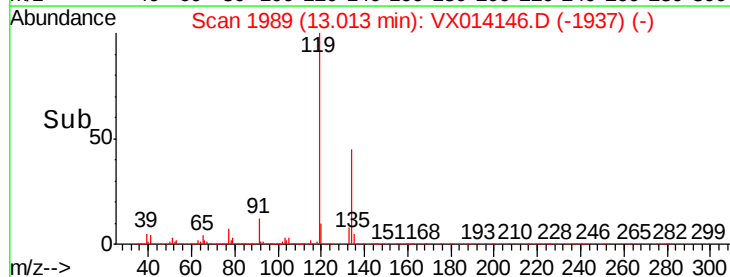
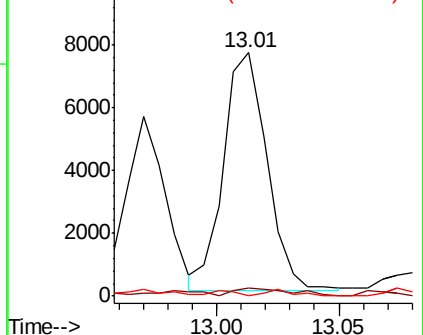
157 1.4 60.8 182.4#

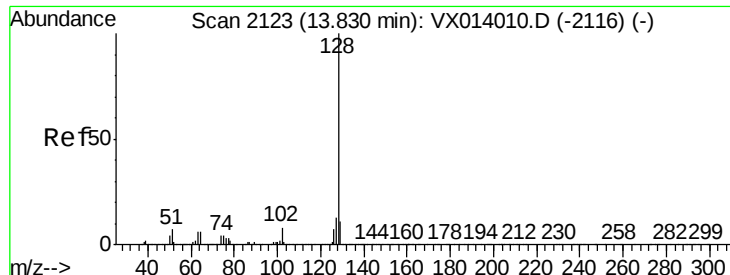


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

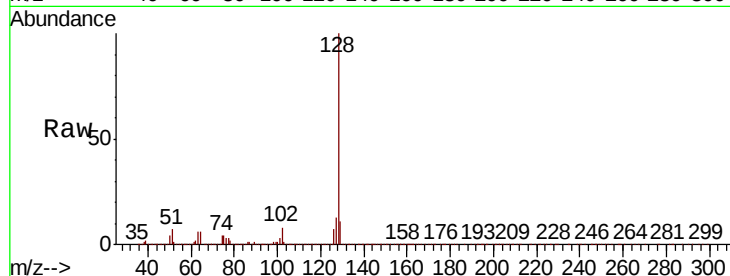




#95
Naphthalene
Concen: 108.901 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014146.D
Acq: 20 Dec 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 2759197
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1



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

