

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014145.D
 Acq On : 20 Dec 2019 02:09
 Operator : JC/SP
 Sample : K6372-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 04:01:25 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	552998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	844233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354385	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	301553	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	253360	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	1018265	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	349359	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1405	0.283	ug/l #	70
10) Methyl Iodide	2.51	142	1874	2.878	ug/l #	90
11) Tert butyl alcohol	3.03	59	17005	12.557	ug/l #	72
15) Acrylonitrile	3.17	53	7011	2.218	ug/l #	47
16) Acetone	2.43	43	26206	6.441	ug/l	97
17) Carbon Disulfide	2.56	76	2548	0.920	ug/l #	75
18) Methyl Acetate	2.84	43	31323	3.885	ug/l #	53
19) Methyl tert-butyl Ether	3.18	73	342879	19.615	ug/l #	69
20) Methylene Chloride	2.85	84	1417	0.221	ug/l #	42
25) 2-Butanone	4.67	43	20610	4.108	ug/l #	88
28) Bromochloromethane	4.99	49	485	0.572	ug/l #	7
29) Tetrahydrofuran	5.10	42	759	0.271	ug/l #	69
31) Cyclohexane	5.57	56	73320	7.829	ug/l #	93
36) 1,1-Dichloropropene	5.65	75	38844	5.015	ug/l #	51
38) Carbon Tetrachloride	5.65	117	48225	6.834	ug/l #	16
39) Methylcyclohexane	7.45	83	93566	9.782	ug/l #	86
40) Benzene	6.14	78	324670	13.622	ug/l	99
42) 1,2-Dichloroethane	6.14	62	2408	0.298	ug/l #	72
43) Isopropyl Acetate	6.42	43	79042	5.583	ug/l #	19
44) Trichloroethene	7.21	130	1580	0.240	ug/l	95
47) Bromodichloromethane	7.84	83	2628	0.345	ug/l #	52
48) Methyl methacrylate	7.73	41	11514	1.661	ug/l #	57
49) 1,4-Dioxane	7.74	88	298	2.112	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	3276	0.368	ug/l #	35
52) Toluene	8.78	92	11089	0.736	ug/l	90
55) 1,1,2-Trichloroethane	9.16	97	27348	4.529	ug/l #	18
56) Ethyl methacrylate	9.16	69	8316	0.877	ug/l #	50
59) 2-Hexanone	9.50	43	16635	2.324	ug/l	68
64) Tetrachloroethene	9.33	164	16514	2.441	ug/l	96
67) Ethyl Benzene	10.25	91	6708	0.240	ug/l	90
68) m/p-Xylenes	10.35	106	24499	2.279	ug/l	96
69) o-Xylene	10.70	106	8912	0.845	ug/l	92
73) Isopropylbenzene	11.01	105	33694	1.350	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	168722	21.930	ug/l #	39

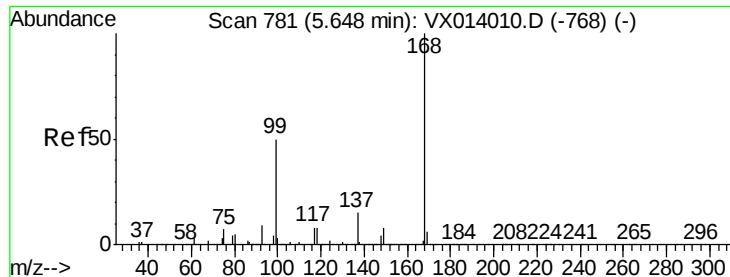
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.35	91	9207	0.329	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	5180	0.247	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.13	75	168722	61.898	ug/l #	12
83) tert-Butylbenzene	11.76	119	8063	0.395	ug/l	92
84) 1,2,4-Trimethylbenzene	11.67	105	148242	7.049	ug/l	76
85) sec-Butylbenzene	11.94	105	37298	1.546	ug/l	95
86) p-Isopropyltoluene	12.23	119	18480	0.837	ug/l #	73
89) n-Butylbenzene	12.36	91	29418	1.562	ug/l #	1
90) Hexachloroethane	12.70	117	89237	22.513	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2336	1.220	ug/l #	1
95) Naphthalene	13.83	128	17642	0.763	ug/l #	86

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

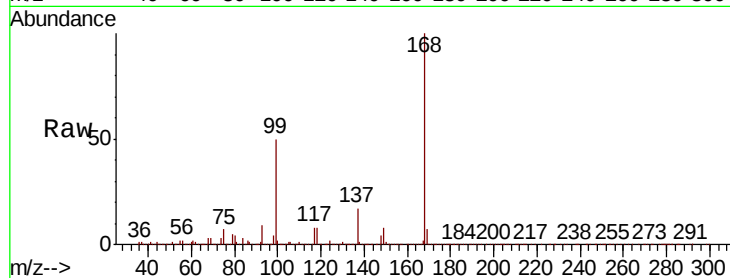
ClientSampled :

Tot Ion:168 Resp: 552998

Ion Ratio Lower Upper

168 100

99 50.2 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

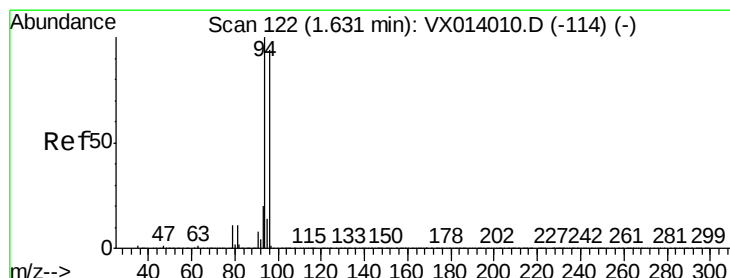
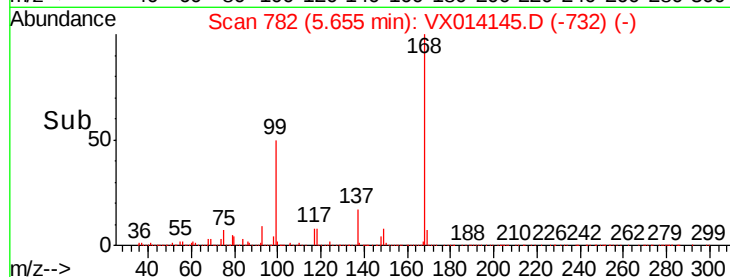
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.283 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX014145.D

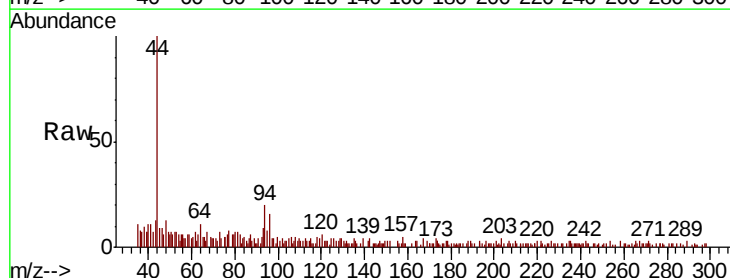
Acq: 20 Dec 2019 02:09

Tgt Ion: 94 Resp: 1405

Ion Ratio Lower Upper

94 100

96 64.7 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

1000

800

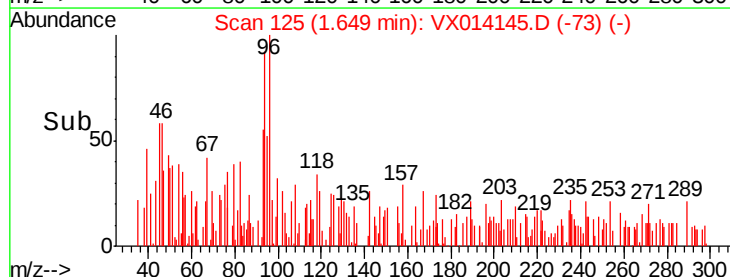
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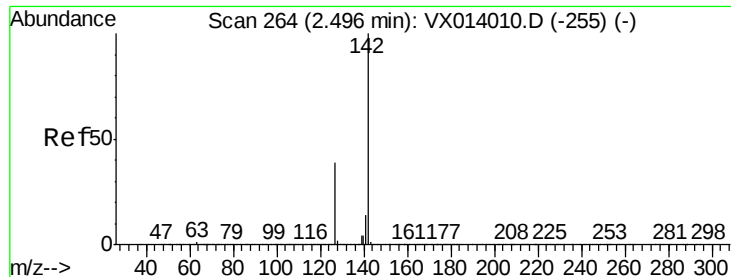
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200

0

Time-->

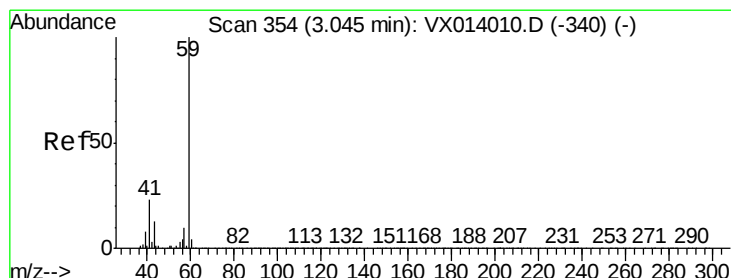
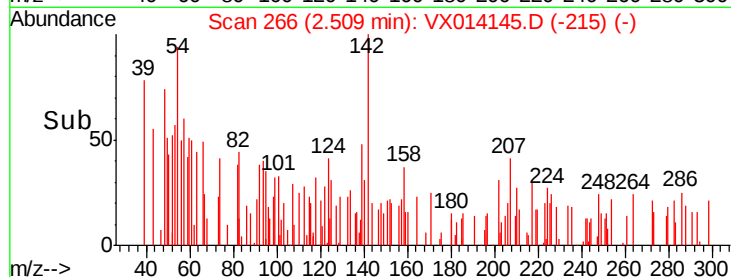
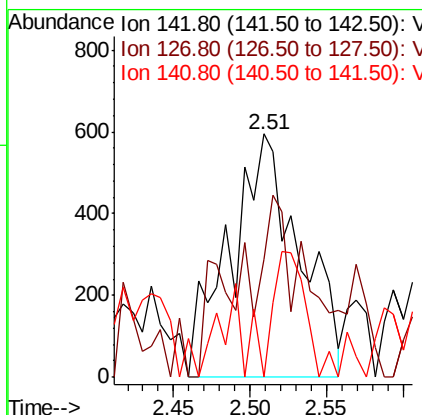
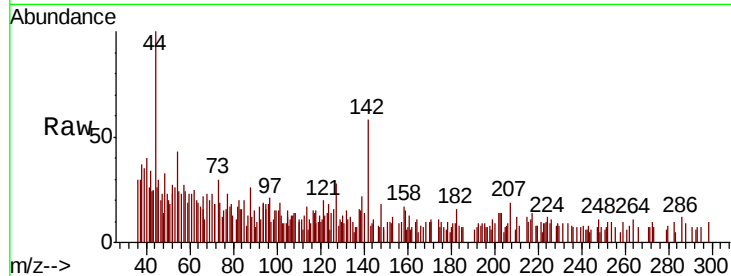




#10
Methvl Iodide
Concen: 2.878 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

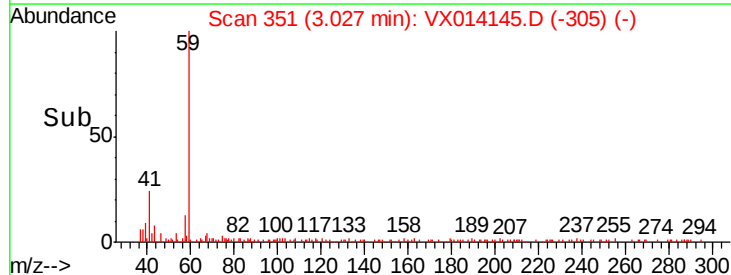
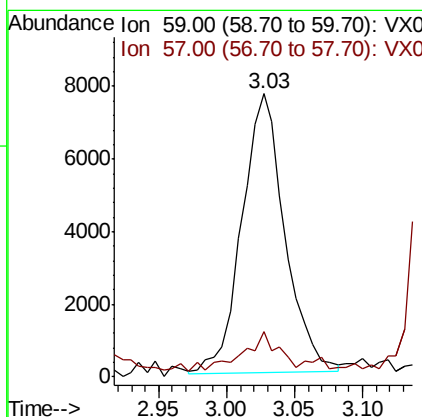
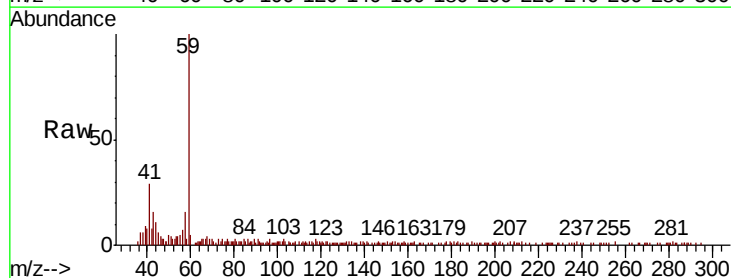
Instrument :
MSVOA_X
ClientSampleId :

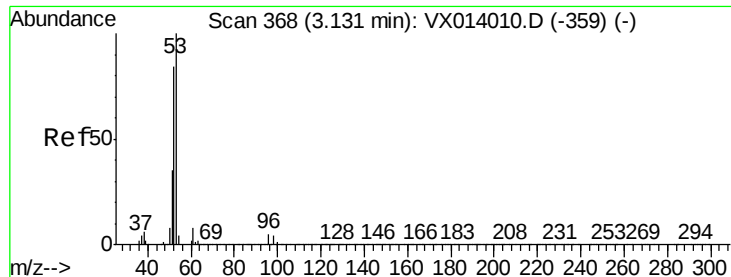
Tot Ion:142 Resp: 1874
Ion Ratio Lower Upper
142 100
127 42.6 31.6 47.4
141 23.9 11.6 17.4#



#11
Tert butyl alcohol
Concen: 12.557 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 59 Resp: 17005
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#15

Acrylonitrile

Concen: 2.218 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.04 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

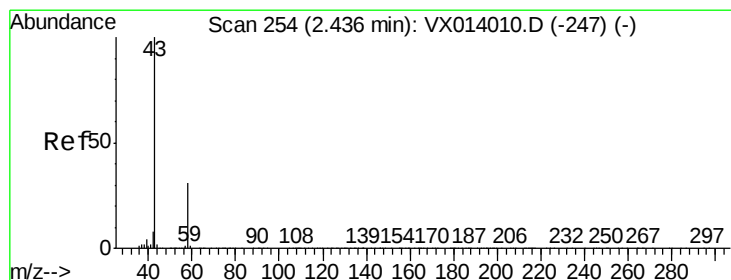
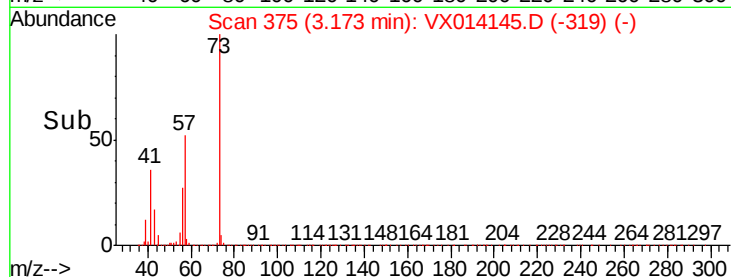
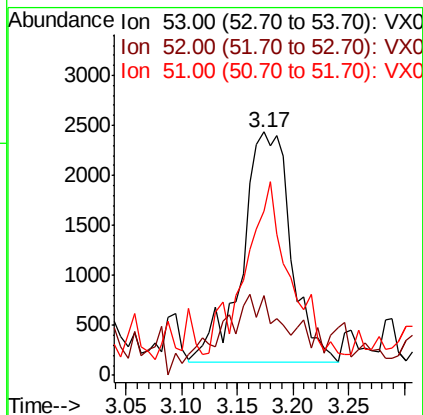
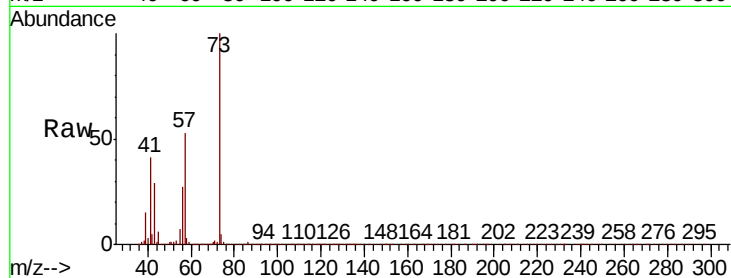
Tot Ion: 53 Resp: 7011

Ion Ratio Lower Upper

53 100

52 31.3 66.5 99.7#

51 60.5 28.1 42.1#



#16

Acetone

Concen: 6.441 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014145.D

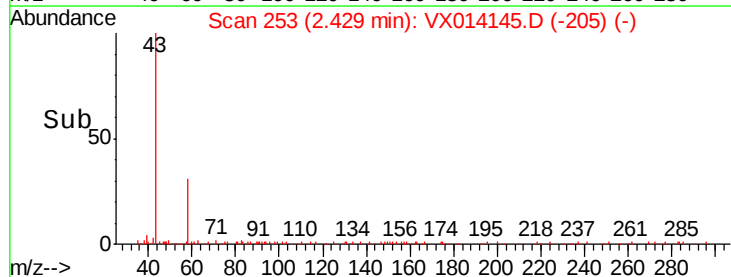
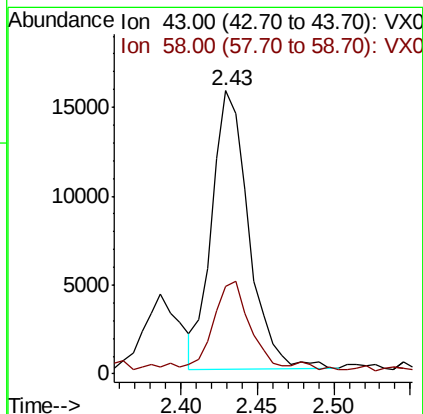
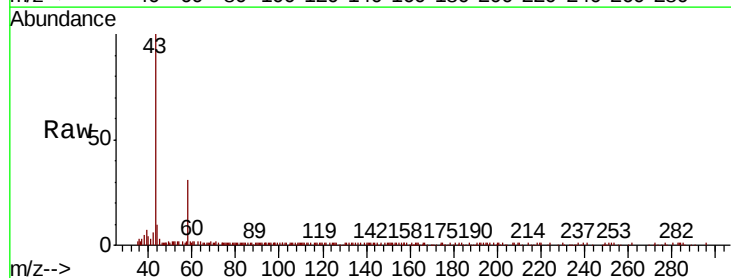
Acq: 20 Dec 2019 02:09

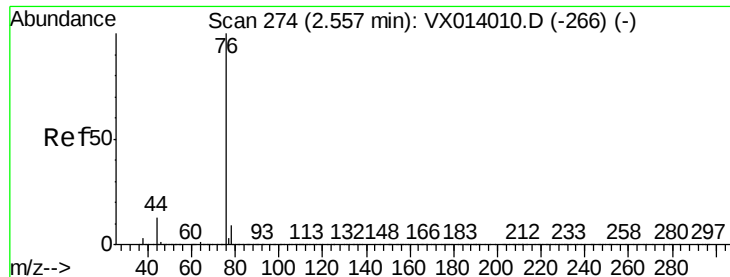
Tgt Ion: 43 Resp: 26206

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3





#17

Carbon Disulfide

Concen: 0.920 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

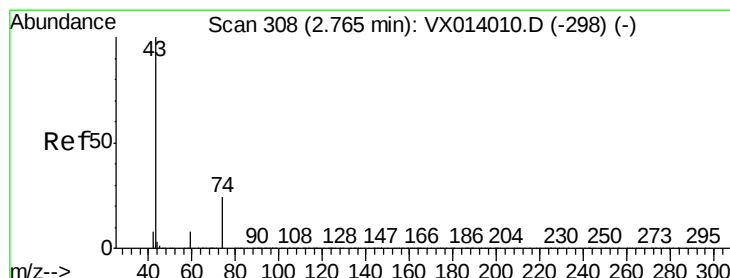
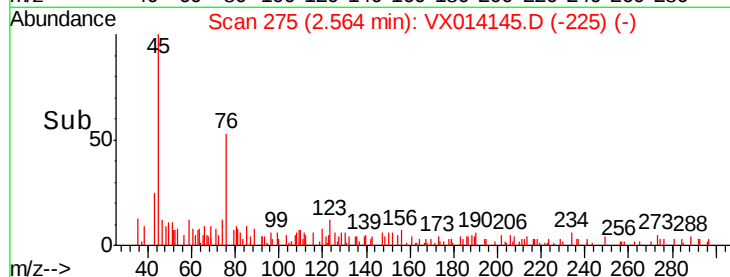
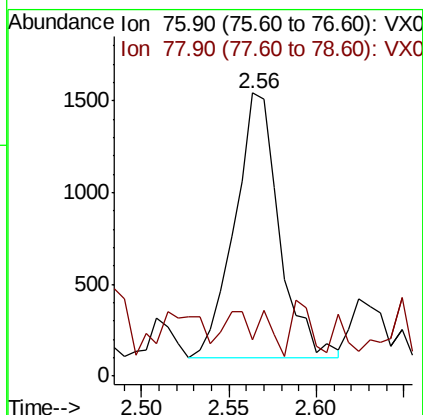
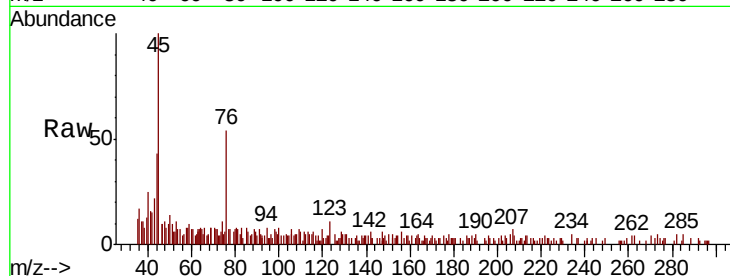
ClientSampleId :

Tot Ion: 76 Resp: 2548

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 3.885 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.07 min

Lab File: VX014145.D

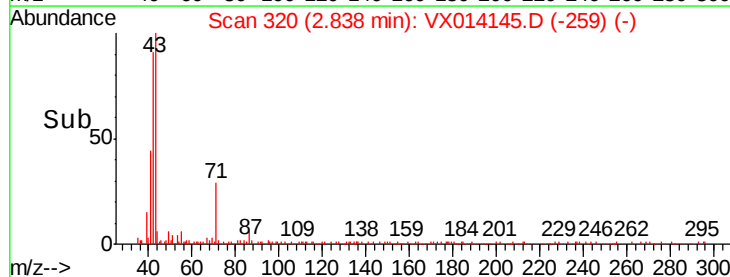
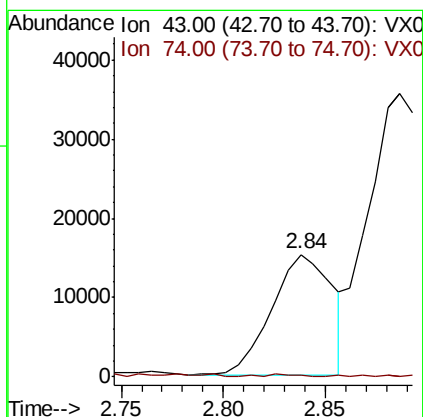
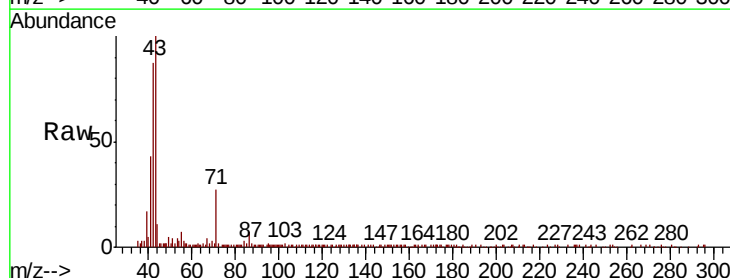
Acq: 20 Dec 2019 02:09

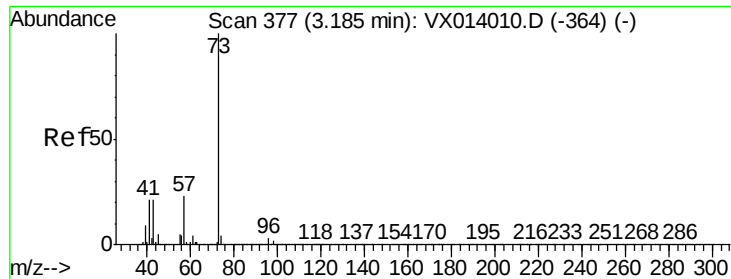
Tgt Ion: 43 Resp: 31323

Ion Ratio Lower Upper

43 100

74 1.3 19.5 29.3#

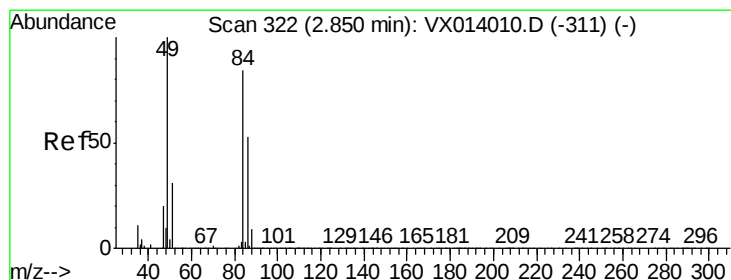
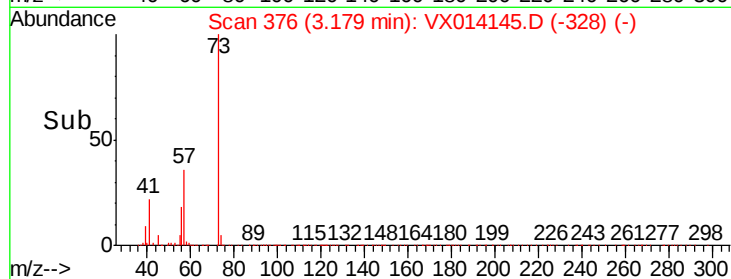
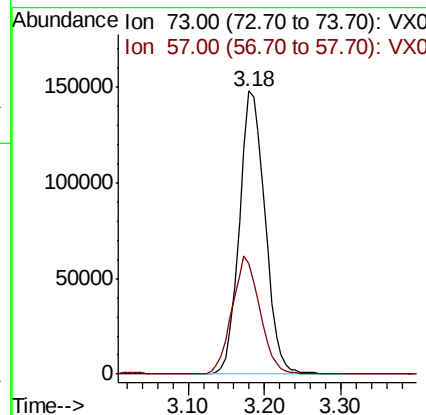
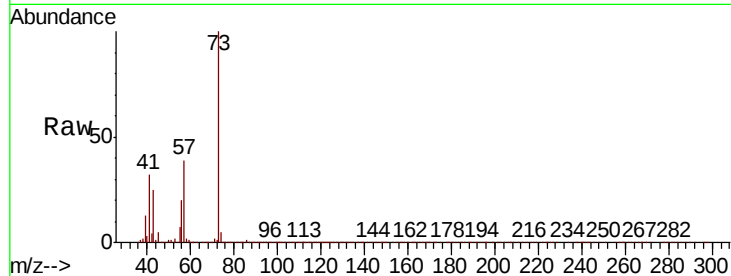




#19
Methyl tert-butyl Ether
Concen: 19.615 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

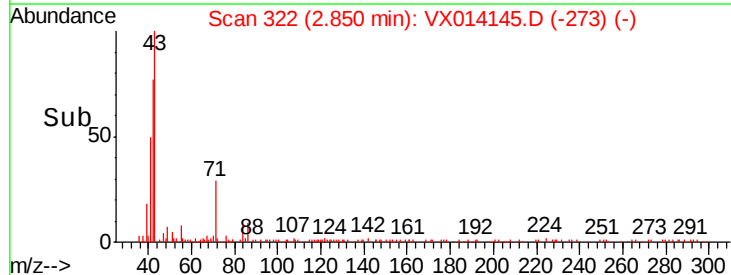
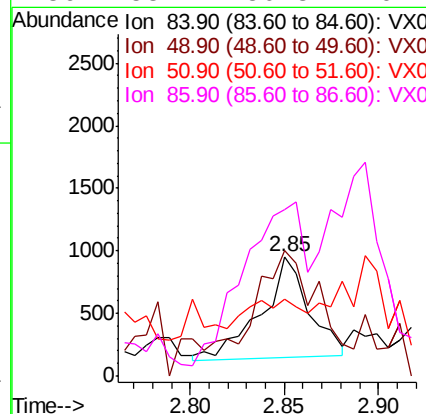
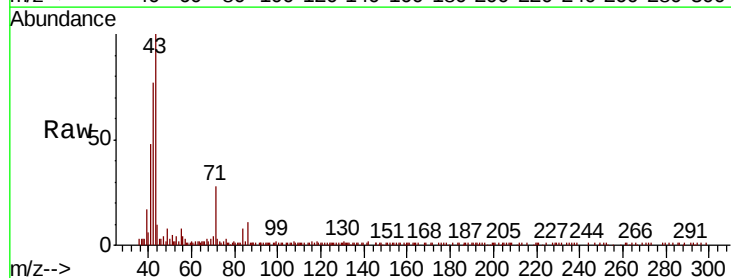
Instrument :
MSVOA_X
ClientSampleId :

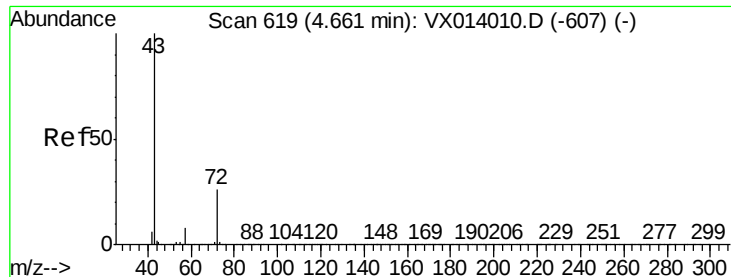
Tot Ion: 73 Resp: 342879
Ion Ratio Lower Upper
73 100
57 38.7 18.8 28.2#



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 84 Resp: 1417
Ion Ratio Lower Upper
84 100
49 94.3 95.8 143.6#
51 0.0 29.8 44.8#
86 158.4 50.8 76.2#





#25

2-Butanone

Concen: 4.108 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

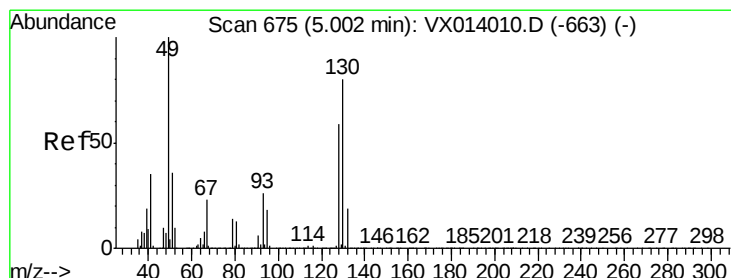
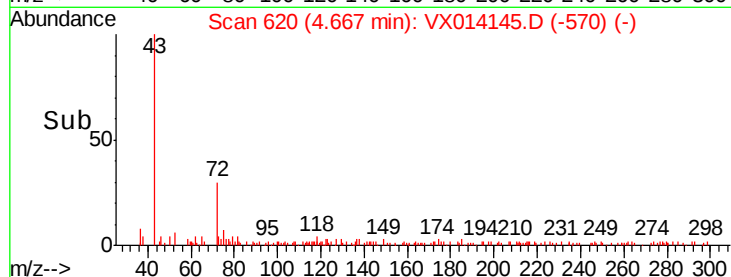
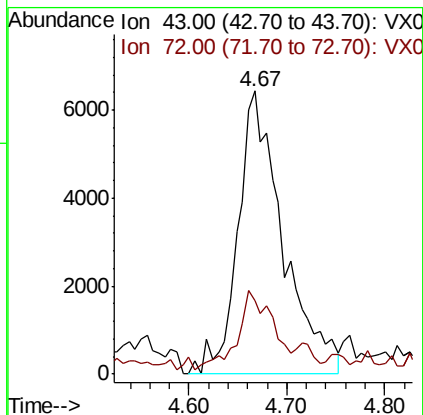
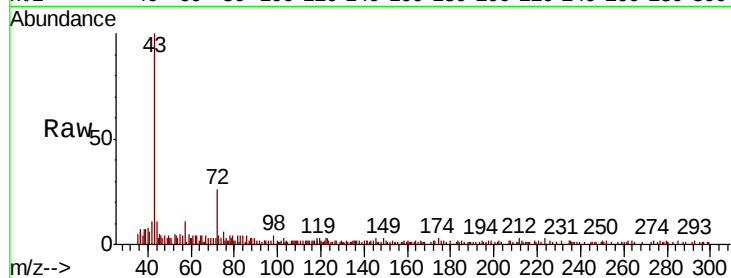
ClientSampleId :

Tot Ion: 43 Resp: 20610

Ion Ratio Lower Upper

43 100

72 20.0 21.0 31.4#



#28

Bromochloromethane

Concen: 0.572 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

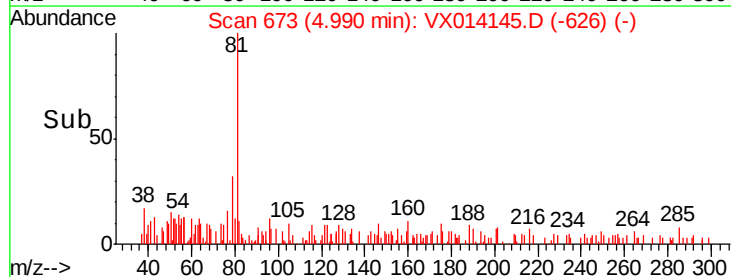
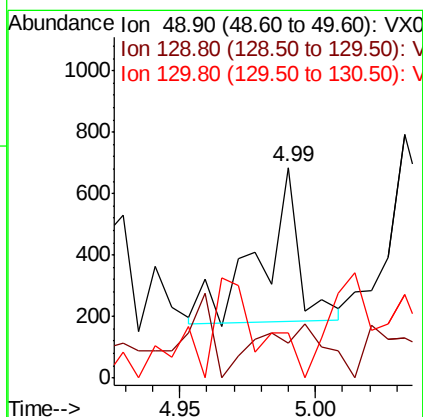
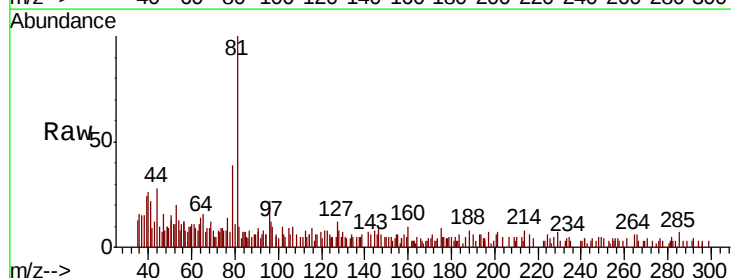
Tgt Ion: 49 Resp: 485

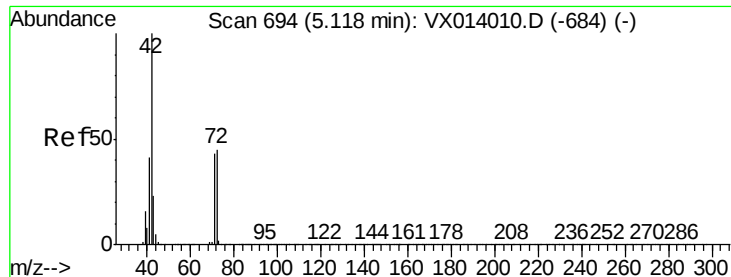
Ion Ratio Lower Upper

49 100

129 56.7 0.0 5.0#

130 0.0 64.6 97.0#

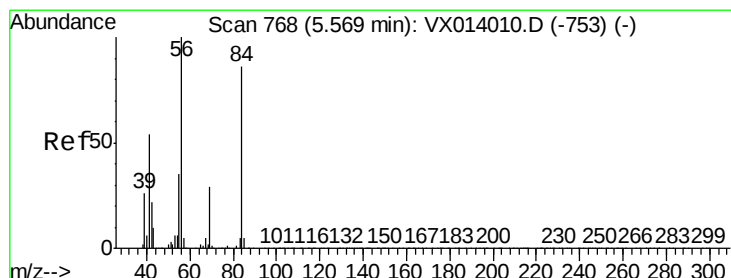
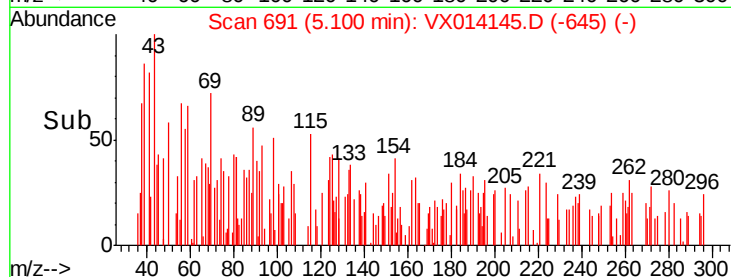
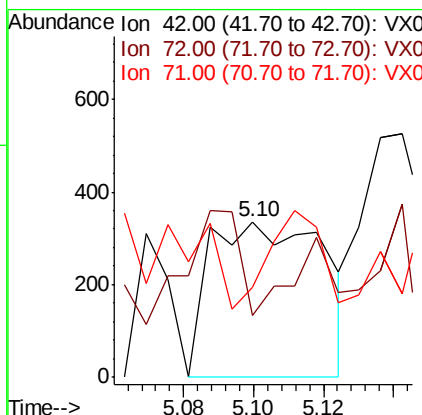
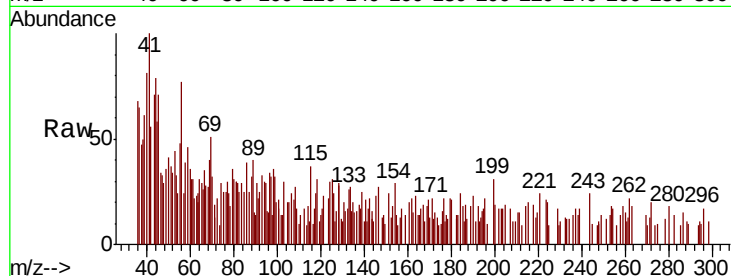




#29
Tetrahydrofuran
Concen: 0.271 ug/l
RT: 5.10 min Scan# 691
Delta R.T. -0.02 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

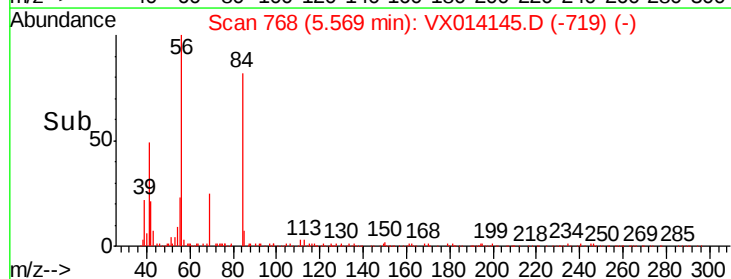
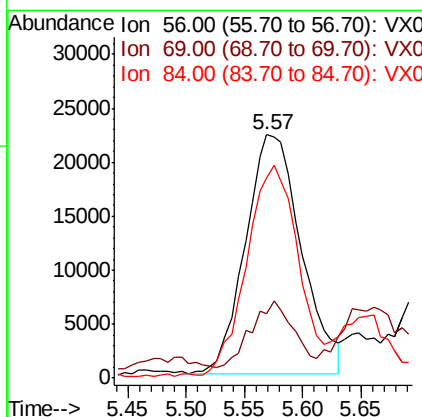
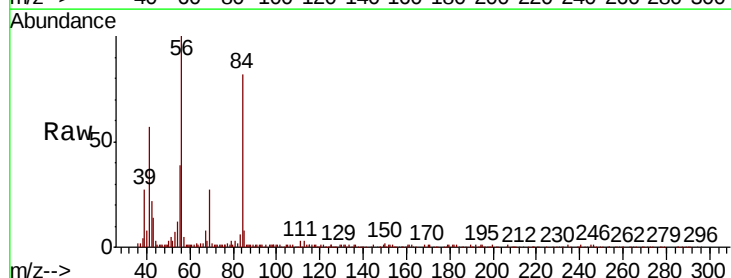
Instrument :
MSVOA_X
ClientSampleId :

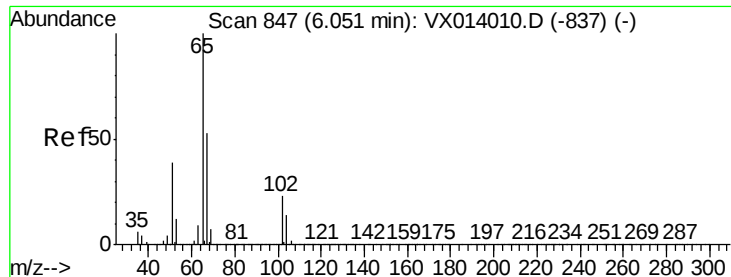
Tot Ion: 42 Resp: 759
Ion Ratio Lower Upper
42 100
72 5.8 35.8 53.8#
71 42.0 33.6 50.4



#31
Cyclohexane
Concen: 7.829 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 56 Resp: 73320
Ion Ratio Lower Upper
56 100
69 20.8 23.2 34.8#
84 82.4 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 48.114 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

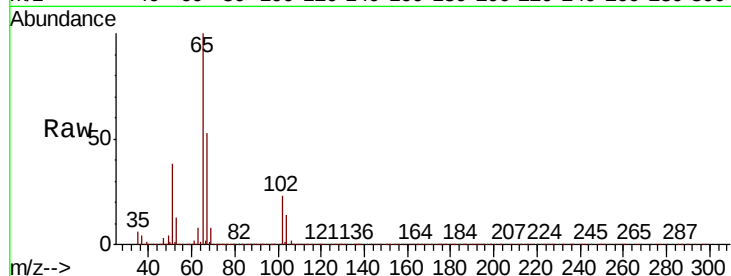
ClientSampleId :

Tot Ion: 65 Resp: 301553

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

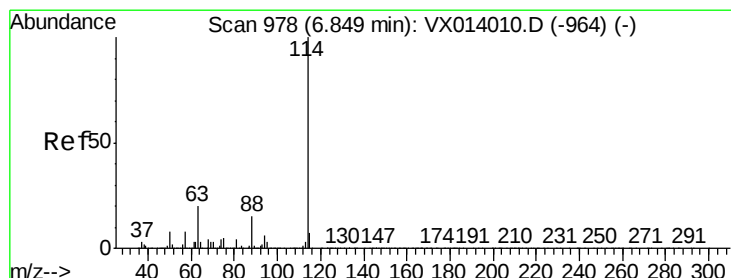
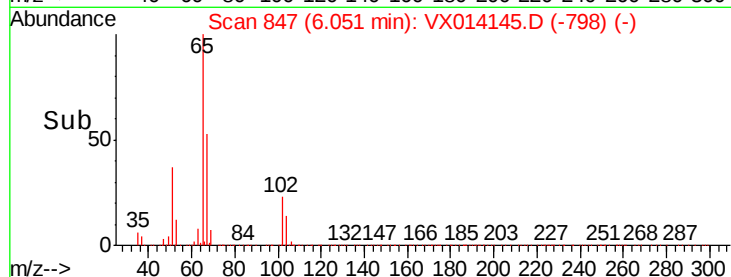
6.05

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

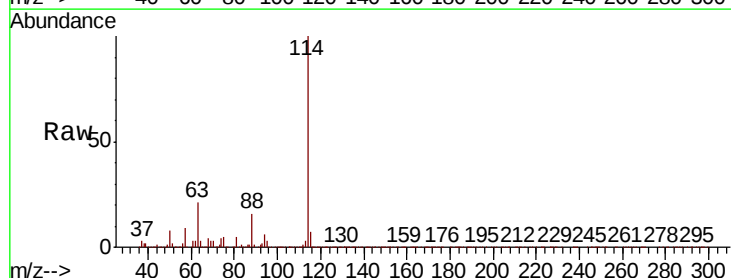
Tgt Ion: 114 Resp: 844233

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.3 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

500000

400000

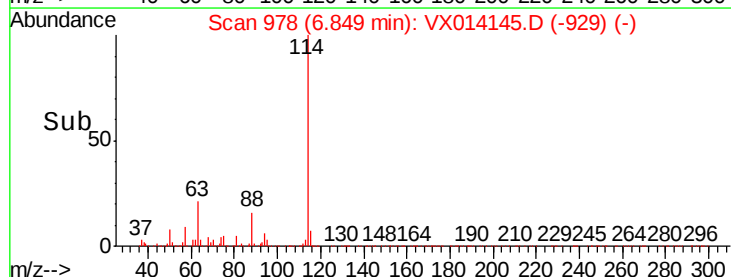
300000

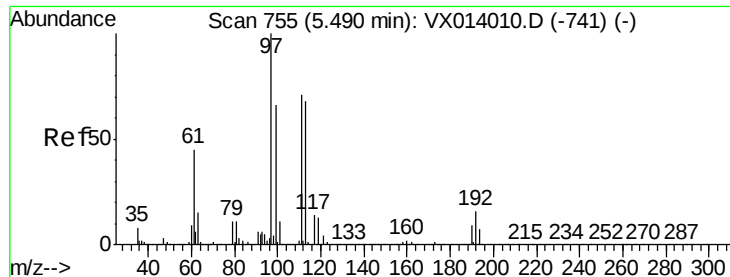
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.369 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :

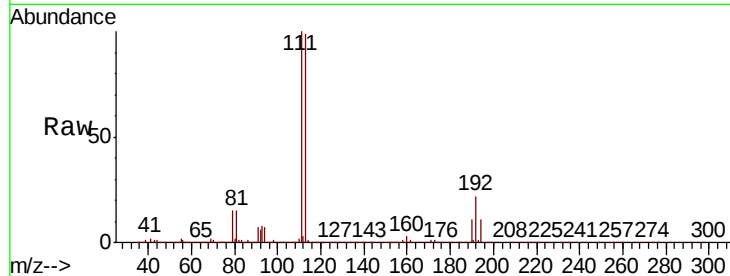
Tot Ion:113 Resp: 253360

Ion Ratio Lower Upper

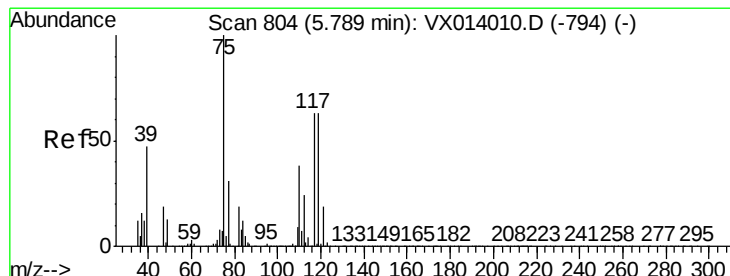
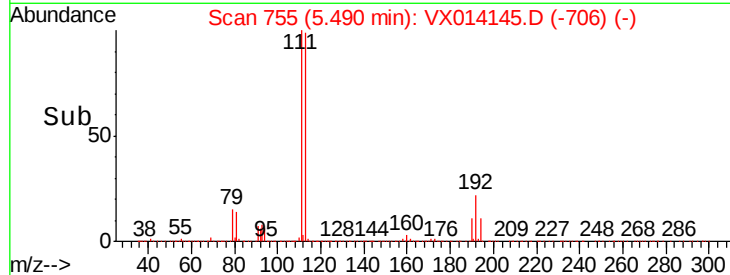
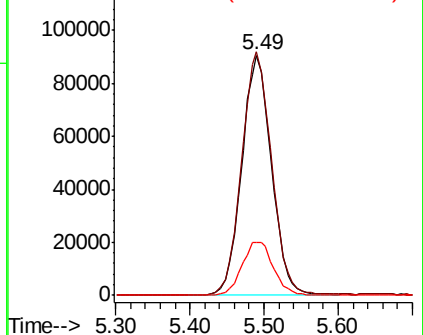
113 100

111 102.7 82.0 123.0

192 23.2 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: 5.015 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

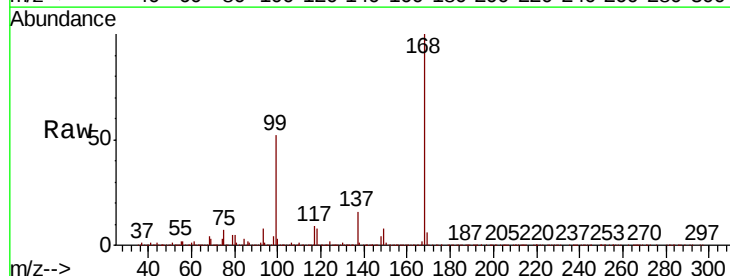
Tgt Ion: 75 Resp: 38844

Ion Ratio Lower Upper

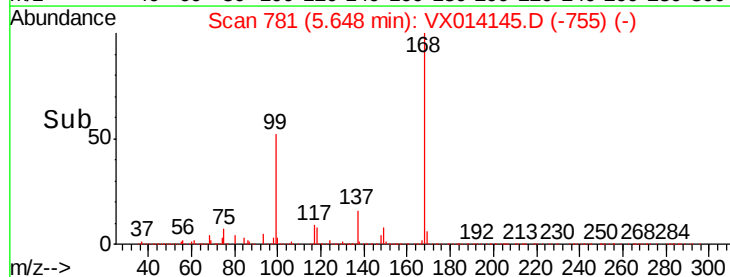
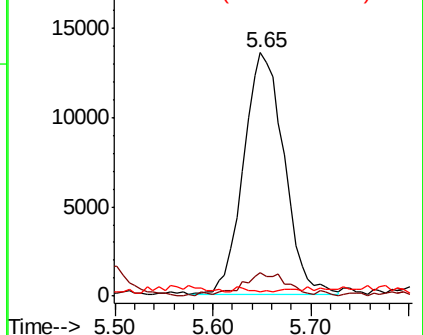
75 100

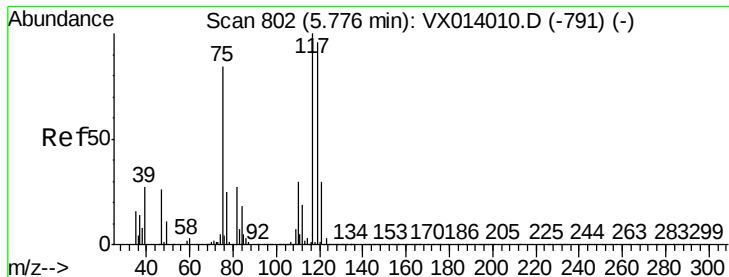
110 10.8 18.3 54.9#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

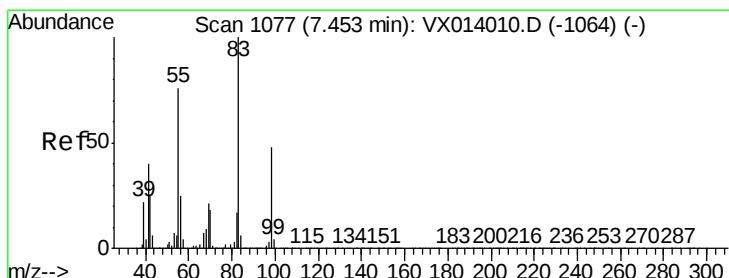
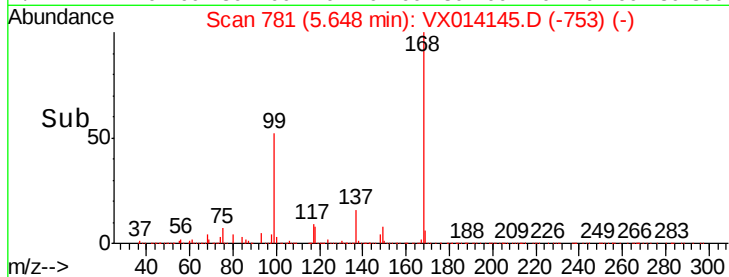
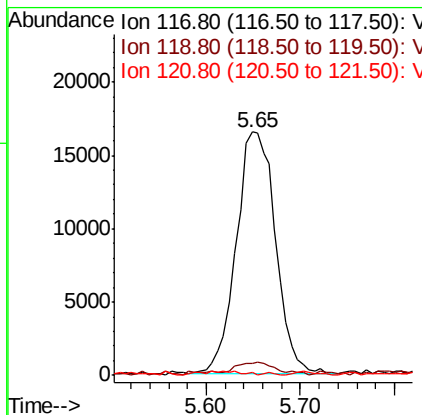
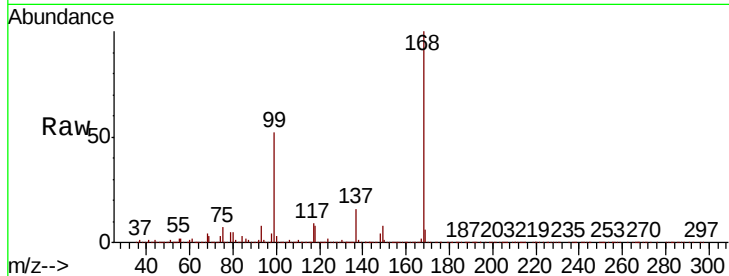




#38
Carbon Tetrachloride
Concen: 6.834 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

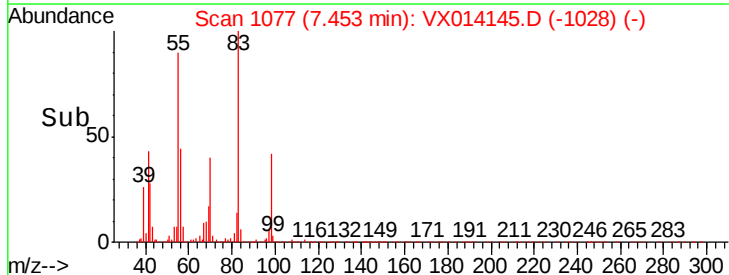
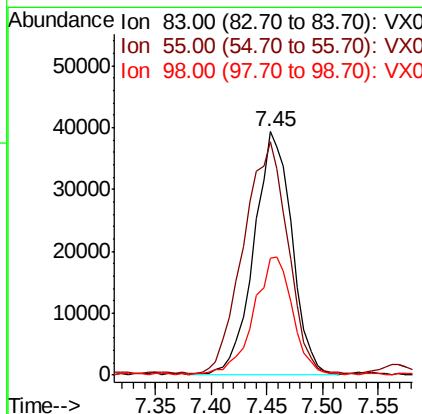
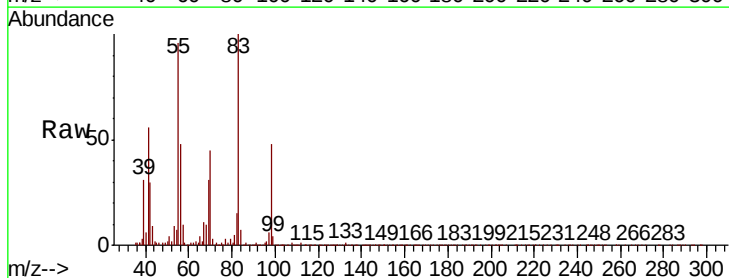
Instrument :
MSVOA_X
ClientSampleId :

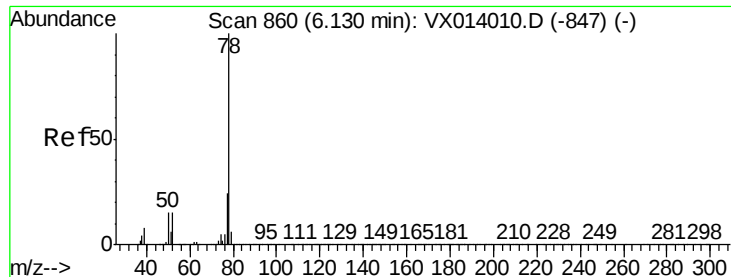
Tot Ion:117 Resp: 48225
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.4#
121 1.5 23.6 35.4#



#39
Methylcyclohexane
Concen: 9.782 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 83 Resp: 93566
Ion Ratio Lower Upper
83 100
55 95.2 61.0 91.6#
98 47.5 38.6 57.8





#40

Benzene

Concen: 13.622 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

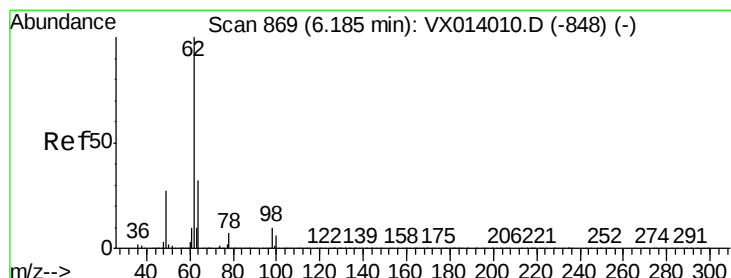
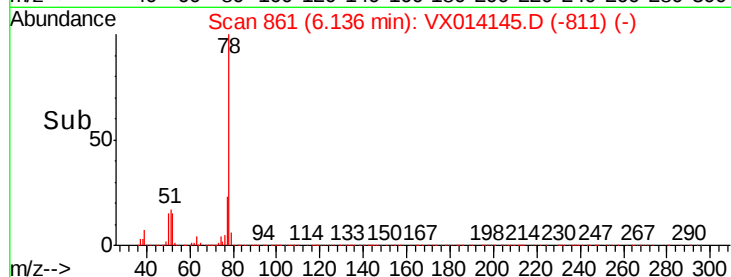
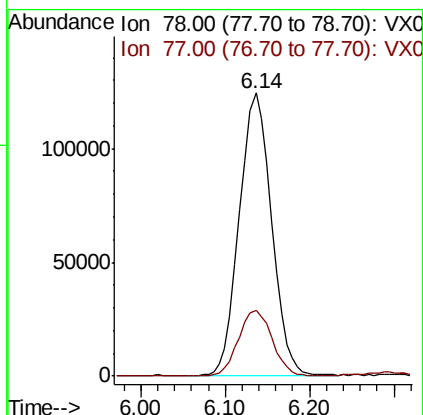
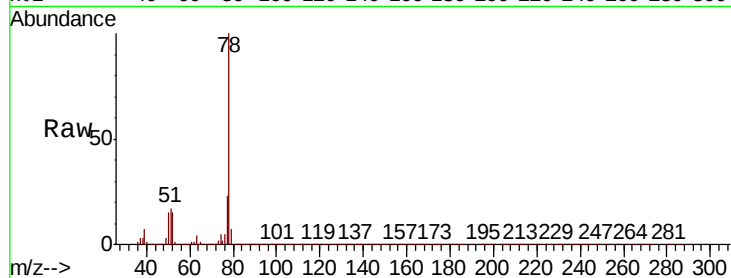
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 324670

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2



#42

1,2-Dichloroethane

Concen: 0.298 ug/l

RT: 6.14 min Scan# 862

Delta R.T. -0.04 min

Lab File: VX014145.D

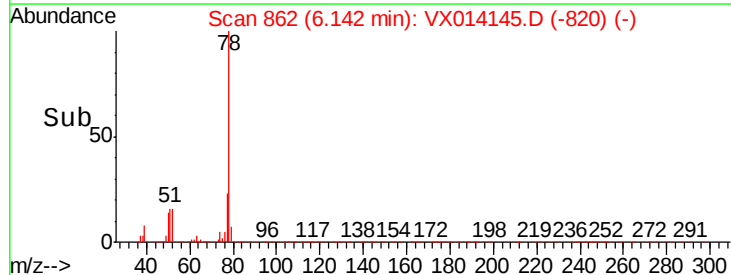
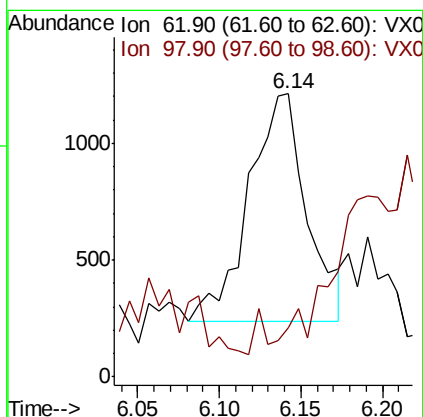
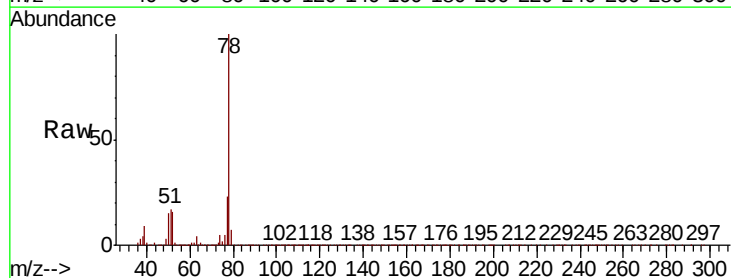
Acq: 20 Dec 2019 02:09

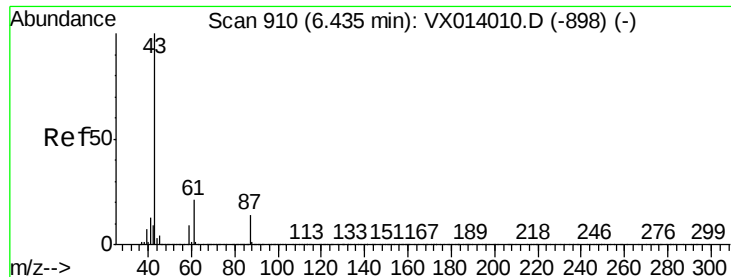
Tgt Ion: 62 Resp: 2408

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.0



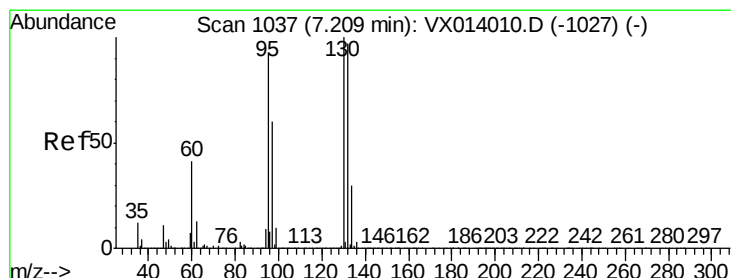
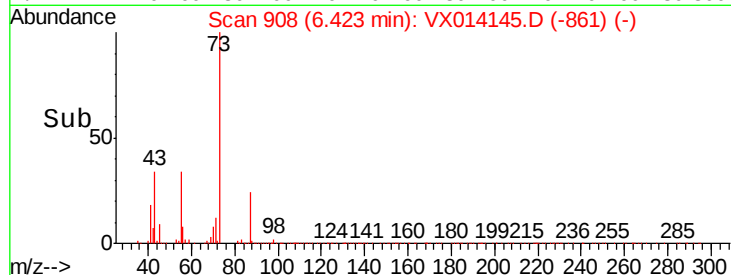
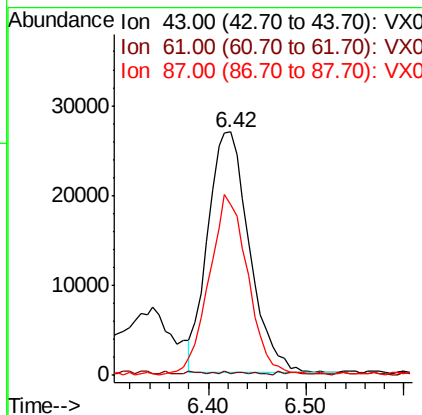
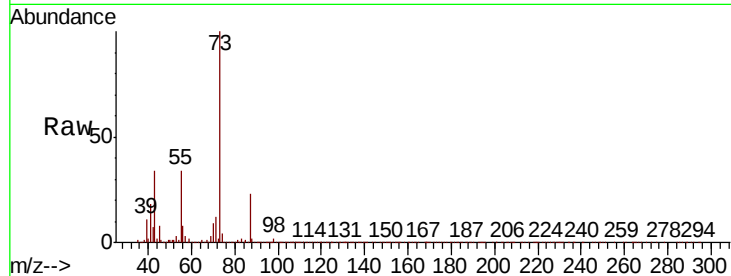


#43

Isopropyl Acetate
 Concen: 5.583 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX014145.D
 Acq: 20 Dec 2019 02:09

Instrument :
 MSVOA_X
 ClientSampleId :

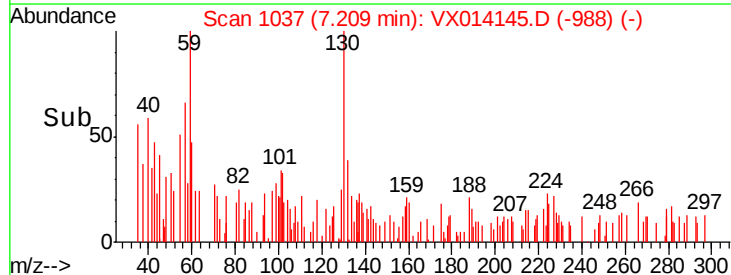
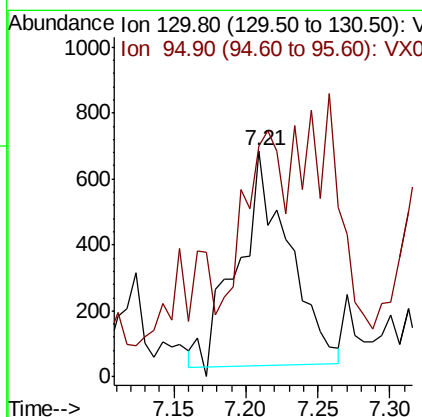
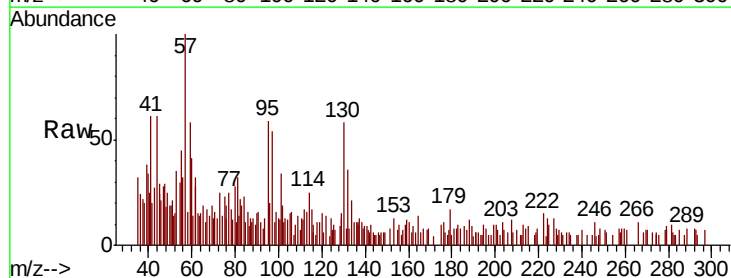
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.2	16.4	24.6#
87	69.2	10.7	16.1#

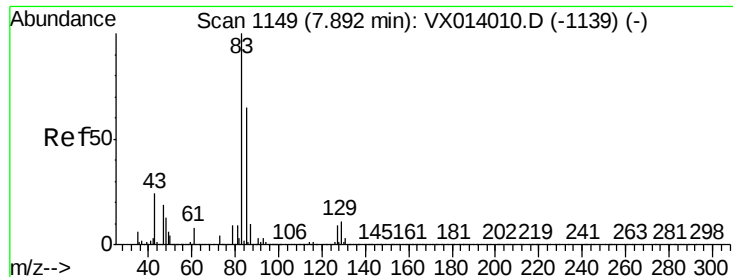


#44

Trichloroethene
 Concen: 0.240 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014145.D
 Acq: 20 Dec 2019 02:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.9	0.0	185.6





#47

Bromodichloromethane

Concen: 0.345 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. -0.05 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :

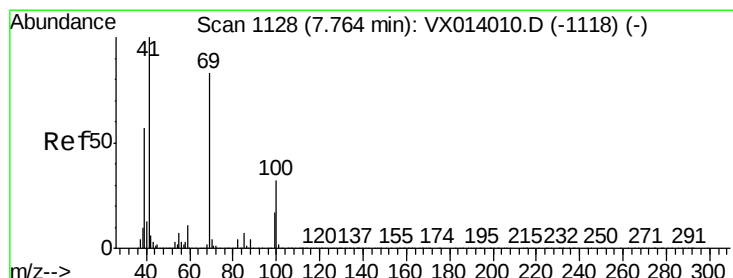
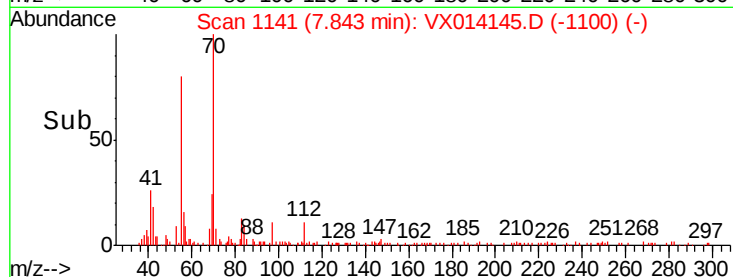
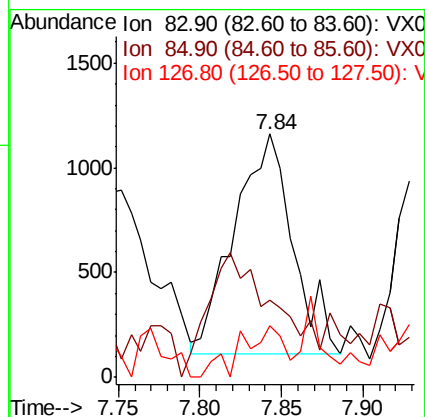
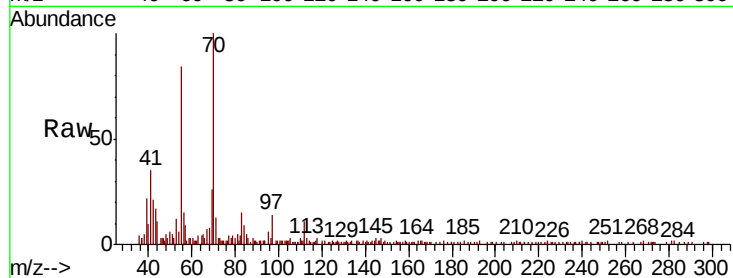
Tot Ion: 83 Resp: 2628

Ion Ratio Lower Upper

83 100

85 24.5 51.8 77.8#

127 17.3 7.0 10.4#



#48

Methyl methacrylate

Concen: 1.661 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

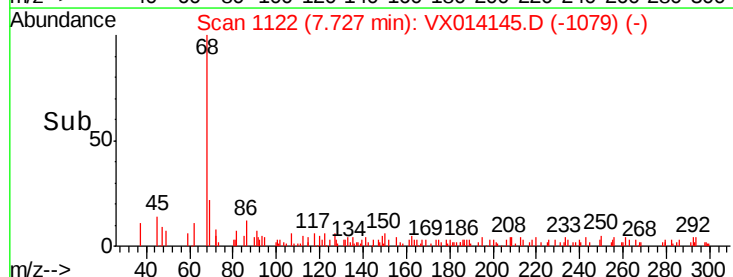
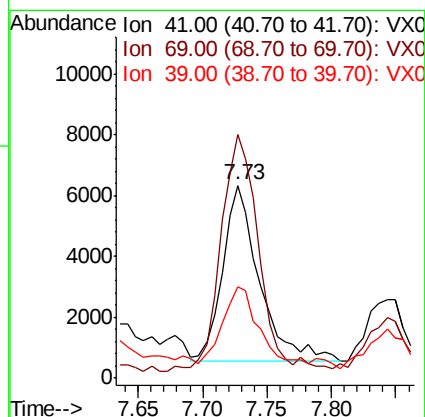
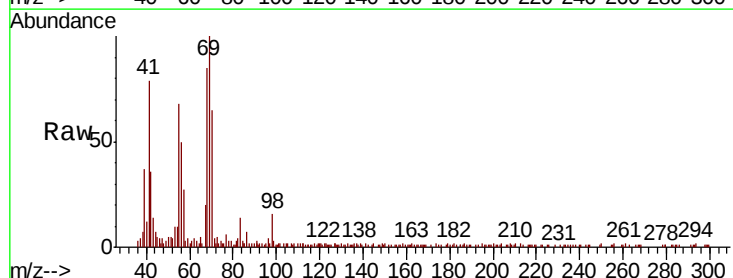
Tgt Ion: 41 Resp: 11514

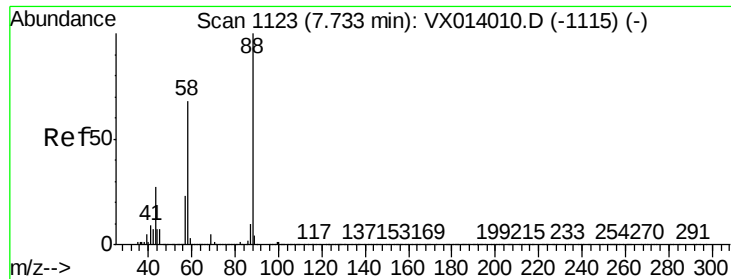
Ion Ratio Lower Upper

41 100

69 134.7 65.8 98.6#

39 40.4 44.6 67.0#

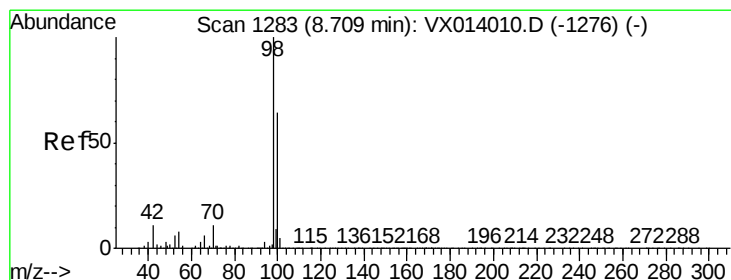
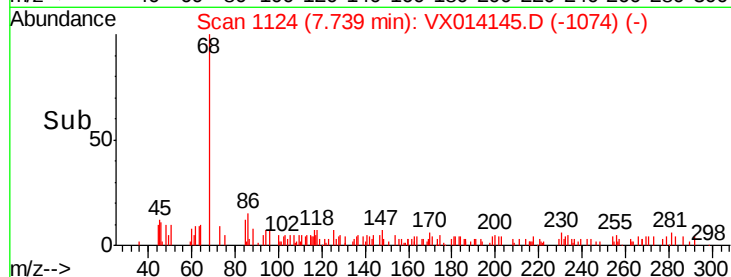
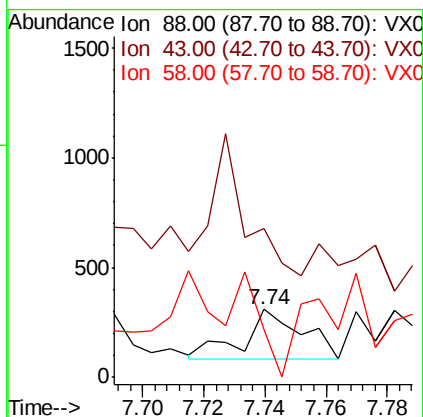
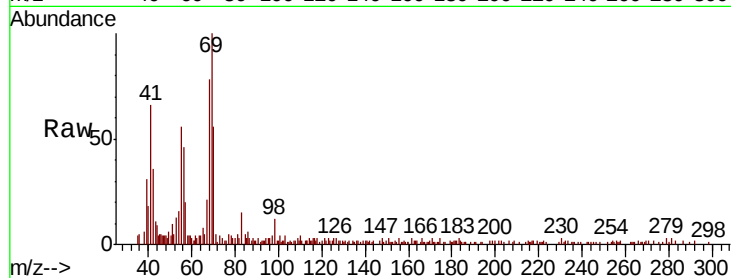




#49
1,4-Dioxane
Concen: 2.112 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

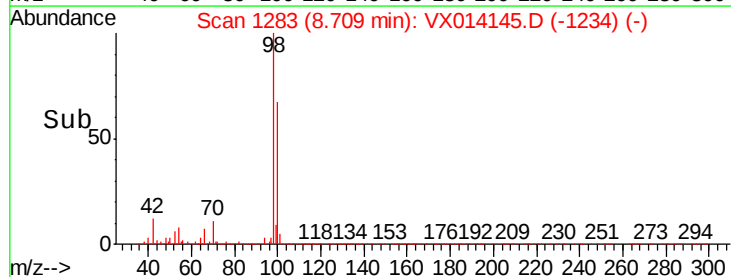
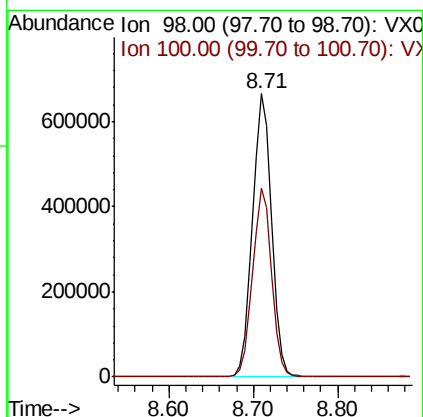
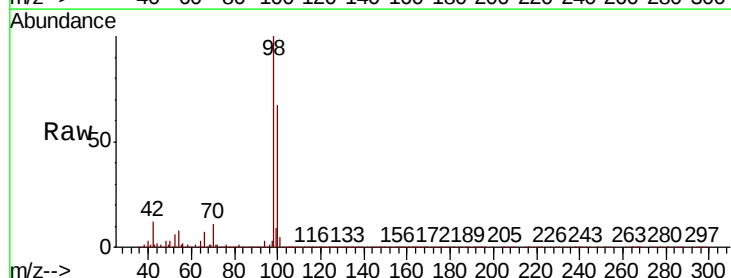
Instrument :
MSVOA_X
ClientSampled :

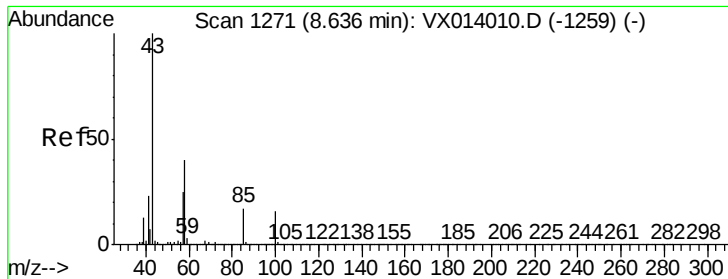
Tot Ion: 88 Resp: 298
Ion Ratio Lower Upper
88 100
43 164.8 26.5 39.7#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 50.964 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 98 Resp: 1018265
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

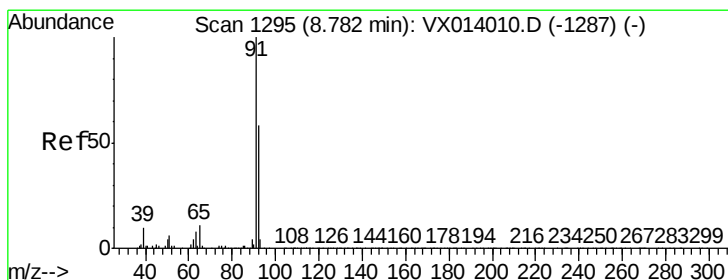
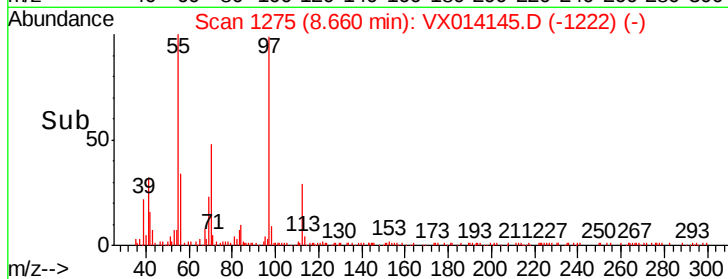
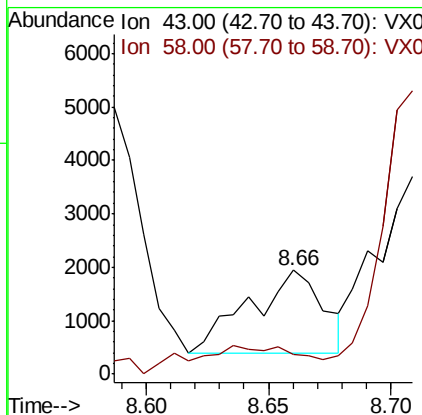
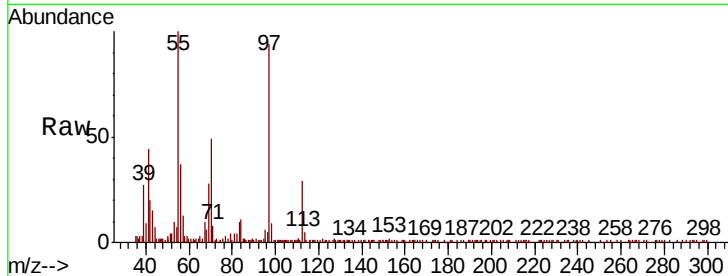




#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 8.66 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

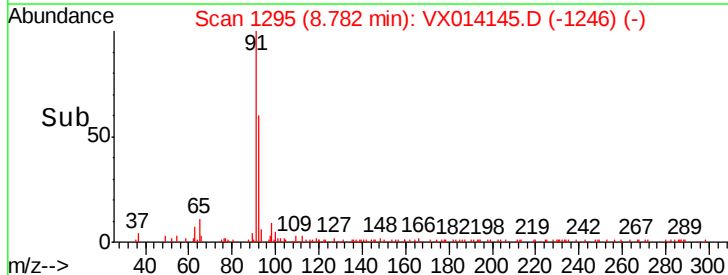
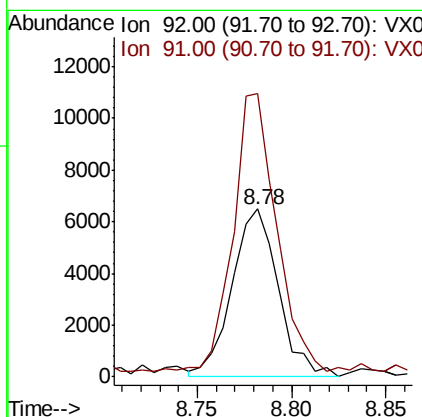
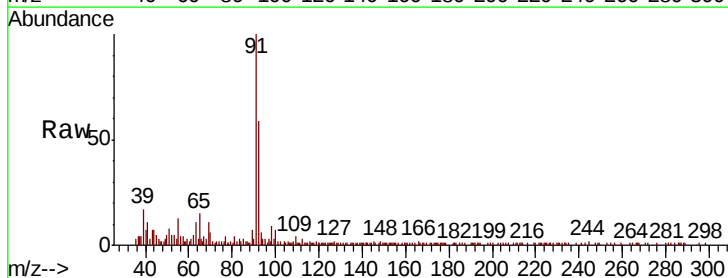
Instrument :
MSVOA_X
ClientSampled :

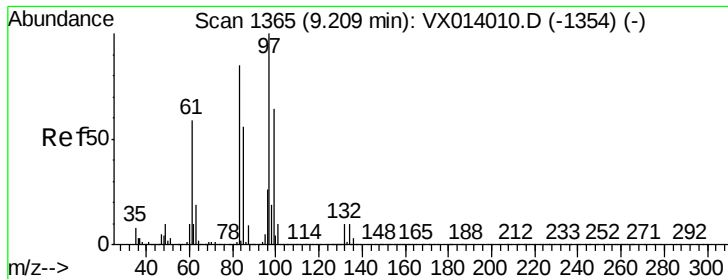
Tot Ion: 43 Resp: 3276
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.2#



#52
Toluene
Concen: 0.736 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 92 Resp: 11089
Ion Ratio Lower Upper
92 100
91 156.2 136.2 204.4

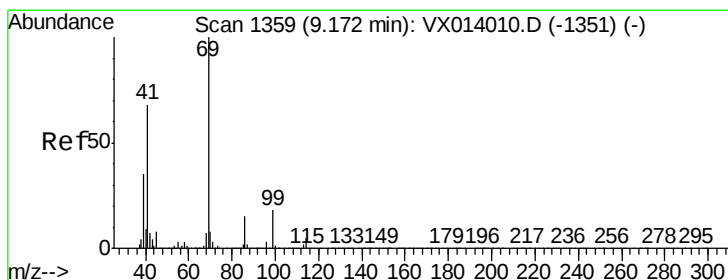
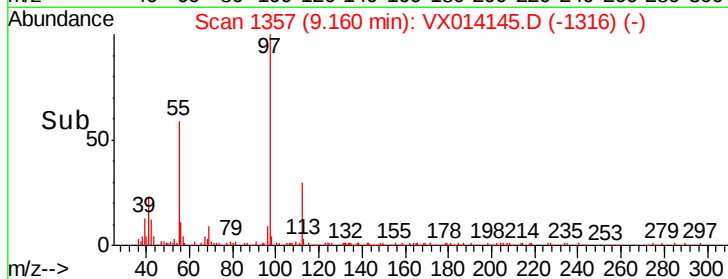
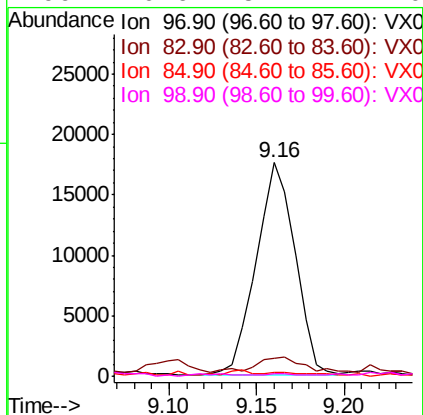
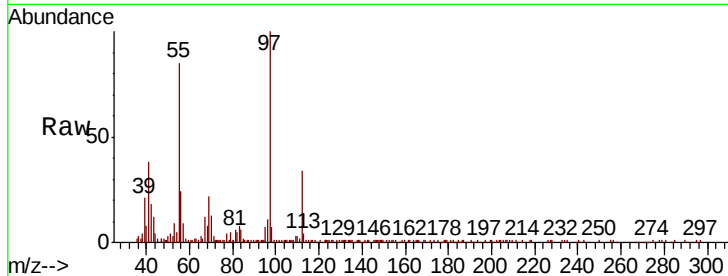




#55
 1,1,2-Trichloroethane
 Concen: 4.529 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX014145.D
 Acq: 20 Dec 2019 02:09

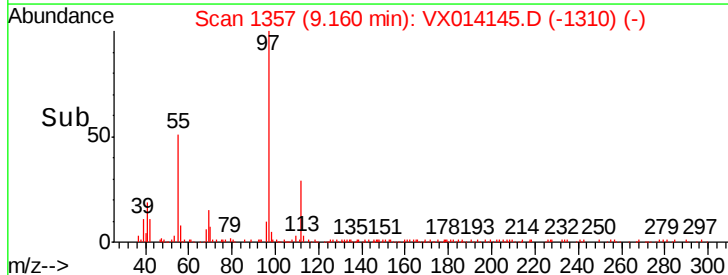
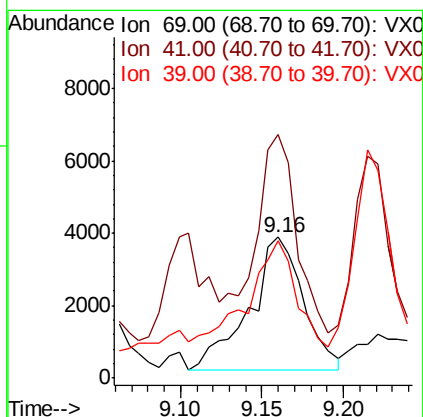
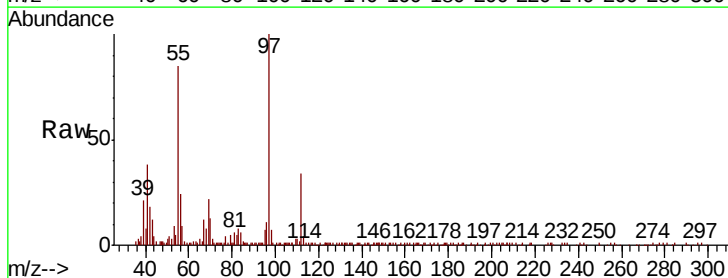
Instrument :
 MSVOA_X
 ClientSampleId :

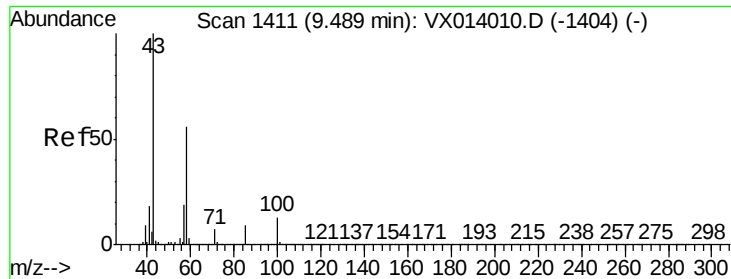
Tot Ion	Ratio	Lower	Upper
97	100		
83	6.1	68.2	102.4#
85	1.1	44.6	66.8#
99	0.6	51.4	77.0#



#56
 Ethyl methacrylate
 Concen: 0.877 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX014145.D
 Acq: 20 Dec 2019 02:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	103.5	54.8	82.2#
39	72.6	28.3	42.5#

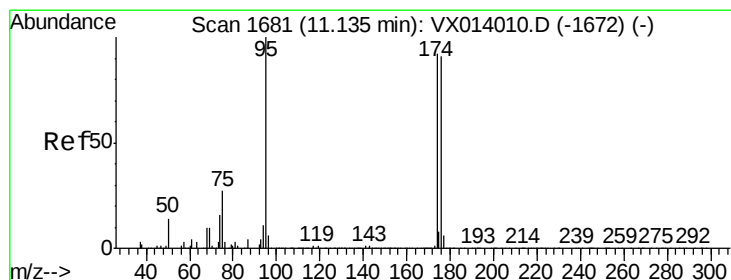
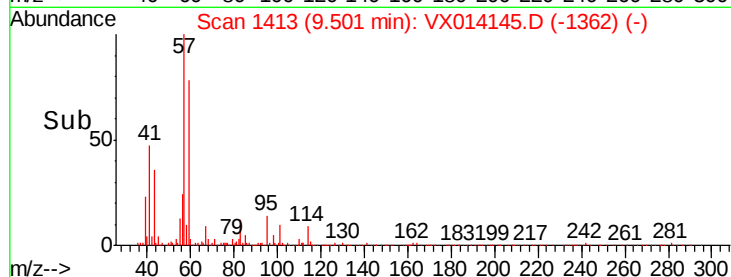
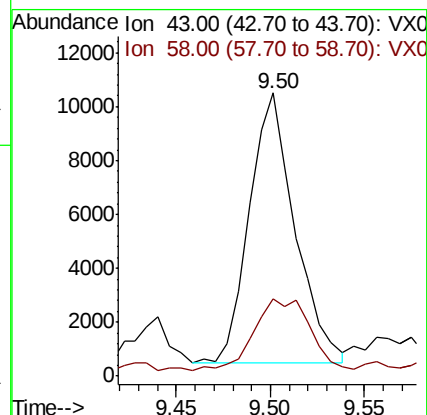
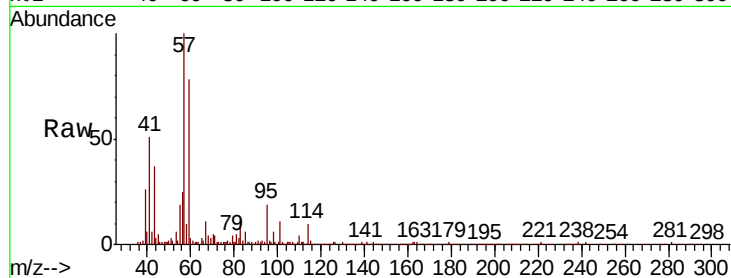




#59
2-Hexanone
Concen: 2.324 ug/l
RT: 9.50 min Scan# 1413
Delta R.T. 0.01 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

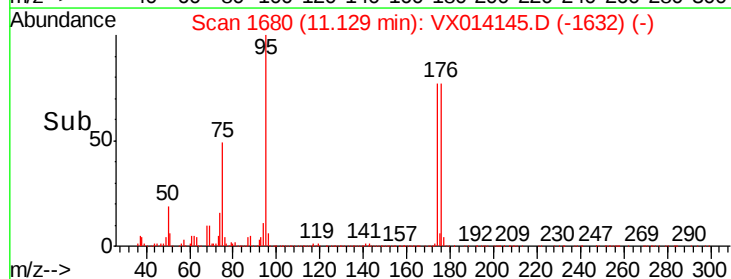
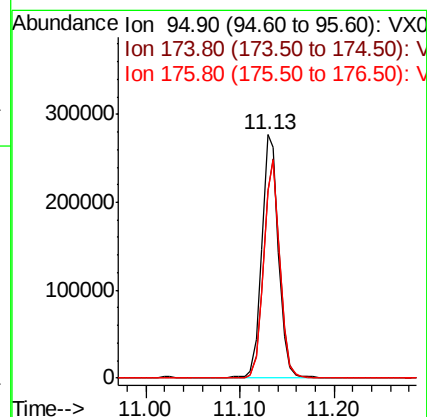
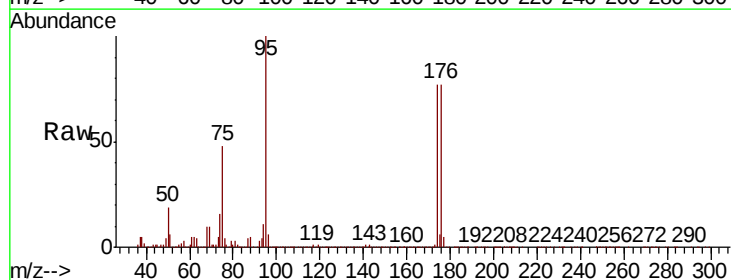
Instrument :
MSVOA_X
ClientSampleId :

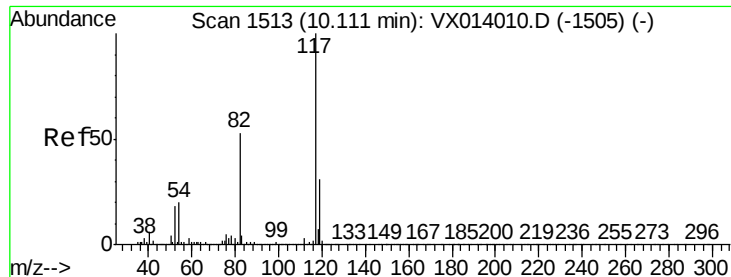
Tot Ion: 43 Resp: 16635
Ion Ratio Lower Upper
43 100
58 32.5 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 47.834 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion: 95 Resp: 349359
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.8
176 86.1 0.0 173.0

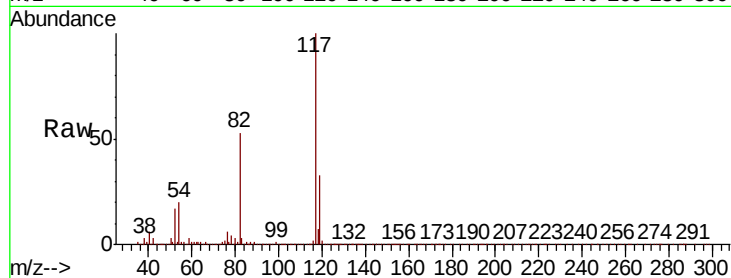




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	32.6	25.1	37.7

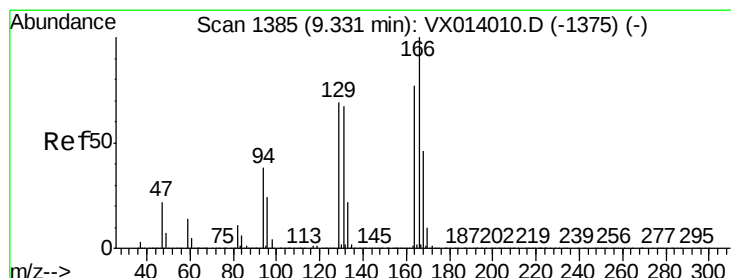
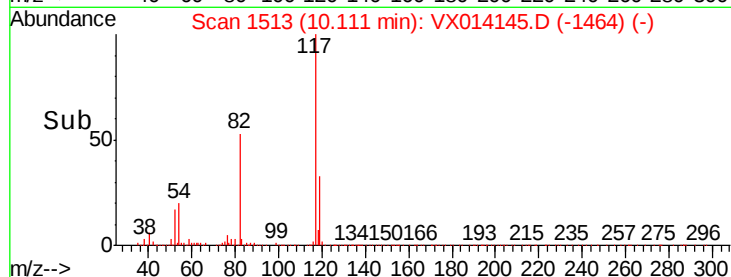
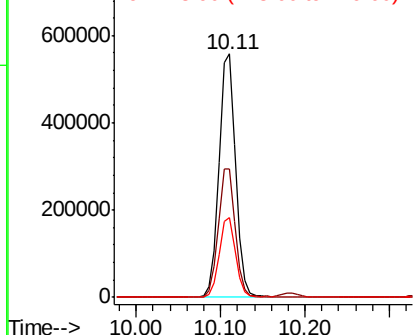


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 2.441 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	104.0	156.0
129	92.4	72.2	108.4
131	84.6	69.6	104.4

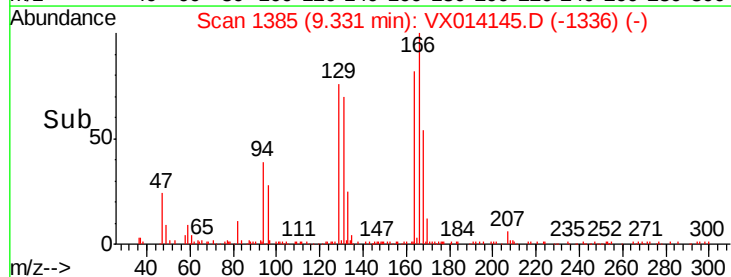
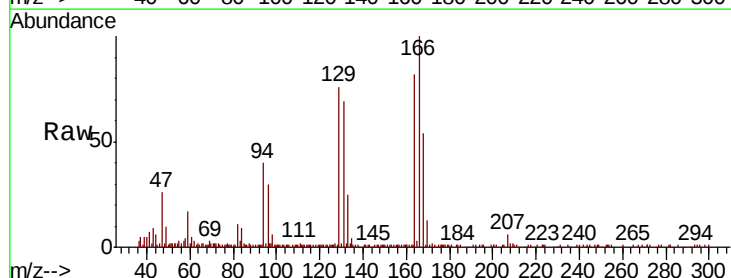
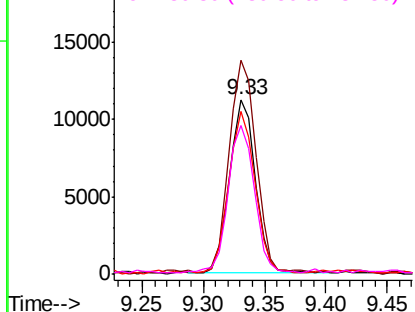
Abundance

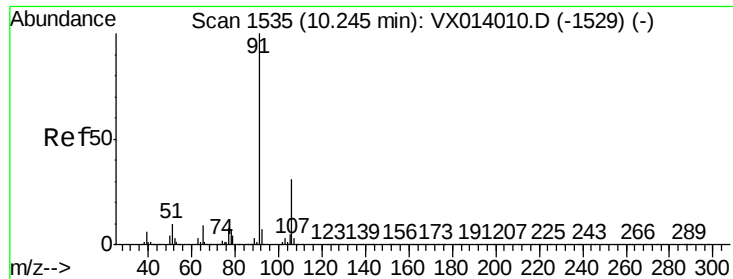
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 0.240 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

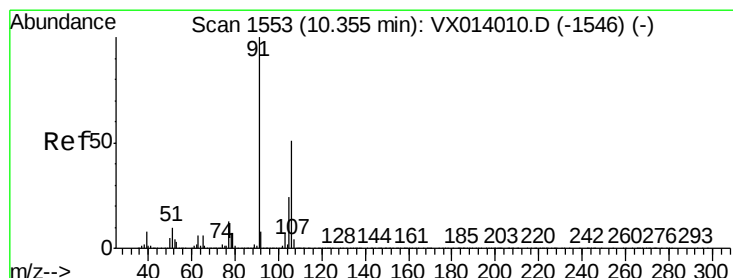
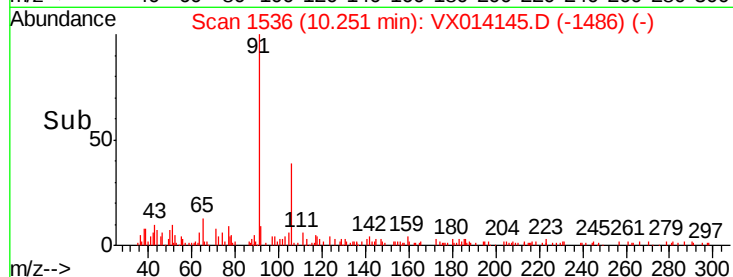
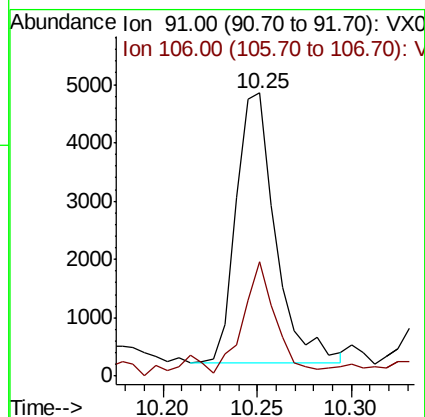
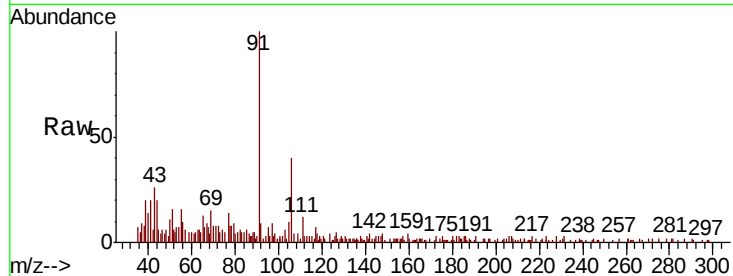
ClientSampled :

Tot Ion: 91 Resp: 6708

Ion Ratio Lower Upper

91 100

106 36.7 25.0 37.6



#68

m/p-Xylenes

Concen: 2.279 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014145.D

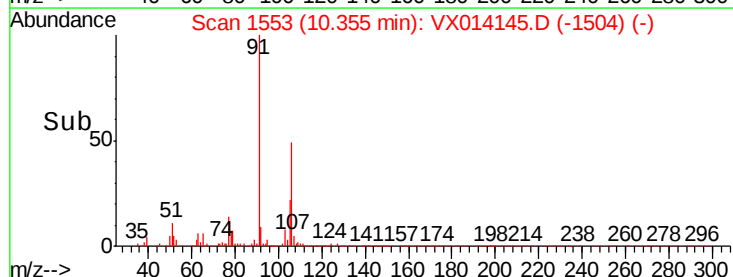
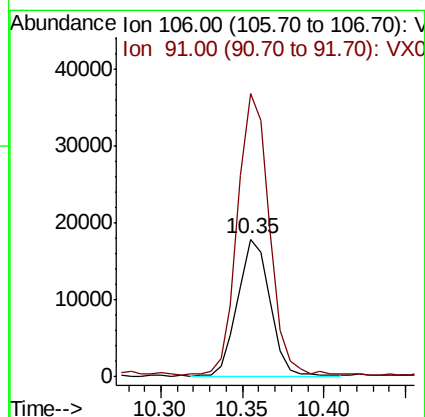
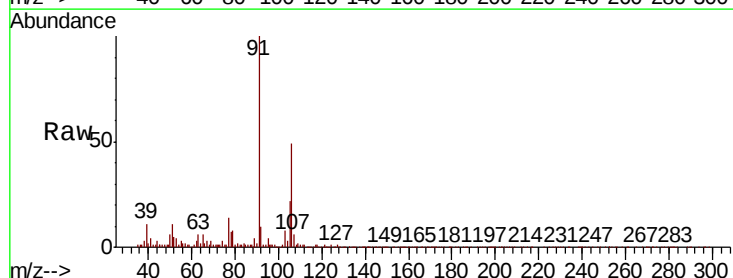
Acq: 20 Dec 2019 02:09

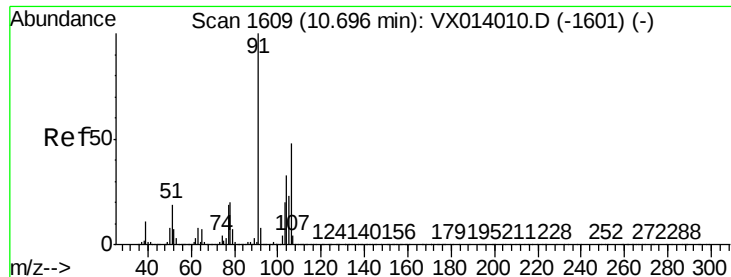
Tgt Ion: 106 Resp: 24499

Ion Ratio Lower Upper

106 100

91 204.0 158.6 238.0

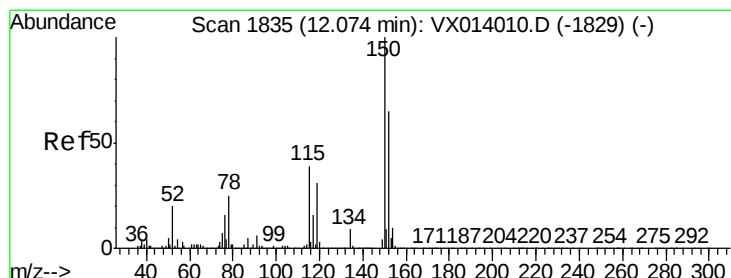
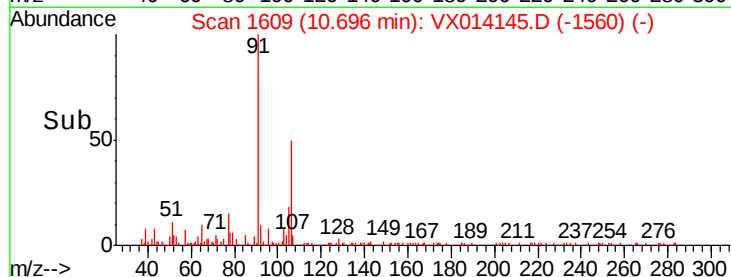
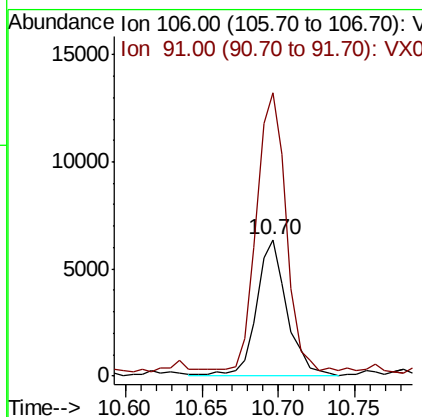
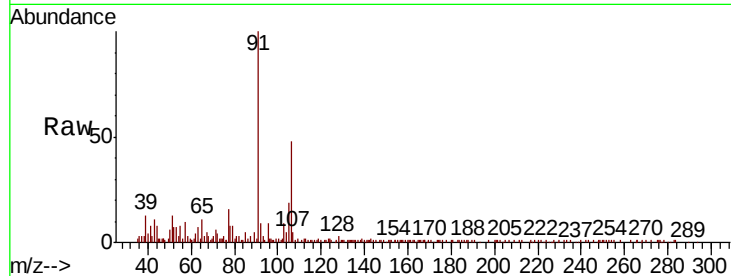




#69
o-Xylene
Concen: 0.845 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

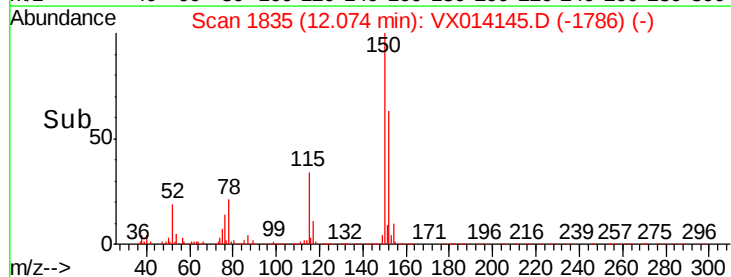
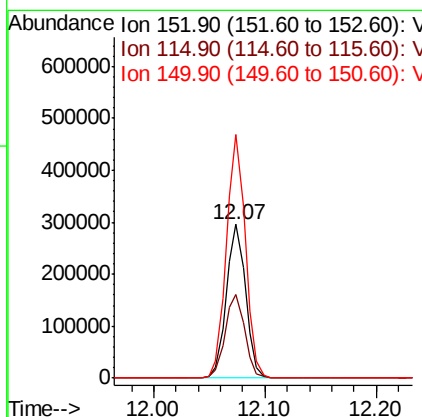
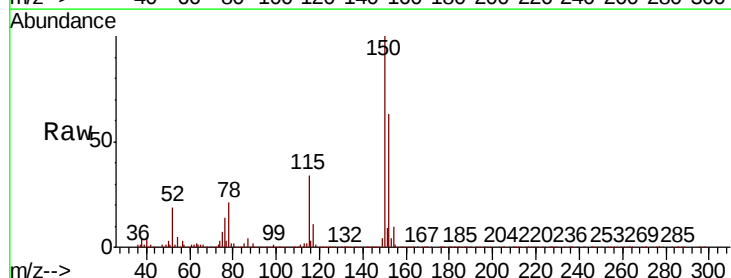
Instrument :
MSVOA_X
ClientSampleId :

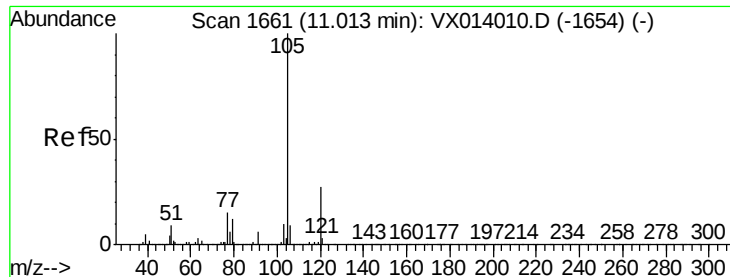
Tot Ion:106 Resp: 8912
Ion Ratio Lower Upper
106 100
91 195.3 104.2 312.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion:152 Resp: 354385
Ion Ratio Lower Upper
152 100
115 55.5 38.3 114.9
150 156.4 0.0 345.4





#73

Isopropylbenzene

Concen: 1.350 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

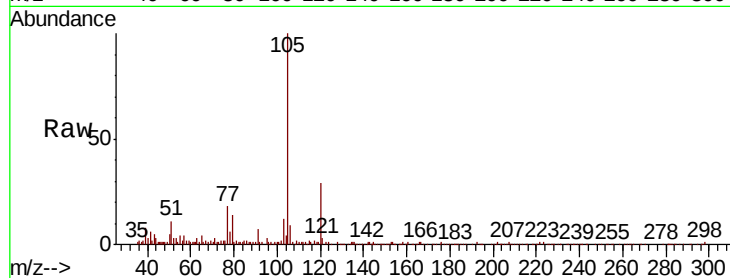
ClientSampleId :

Tot Ion:105 Resp: 33694

Ion Ratio Lower Upper

105 100

120 28.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

30000

25000

20000

15000

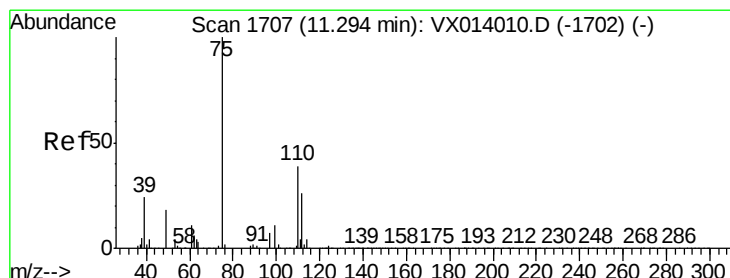
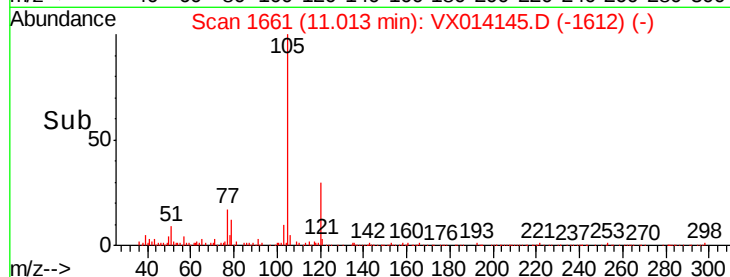
10000

5000

0

Time-->

10.95 11.00 11.05



#76

1,2,3-Trichloropropane

Concen: 21.930 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014145.D

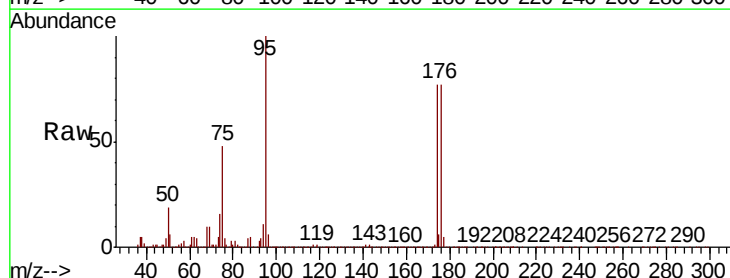
Acq: 20 Dec 2019 02:09

Tgt Ion: 75 Resp: 168722

Ion Ratio Lower Upper

75 100

77 1.3 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

150000

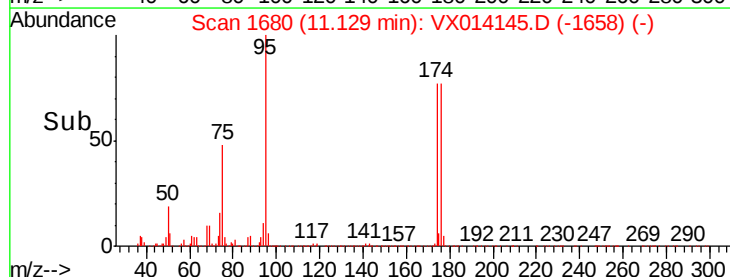
100000

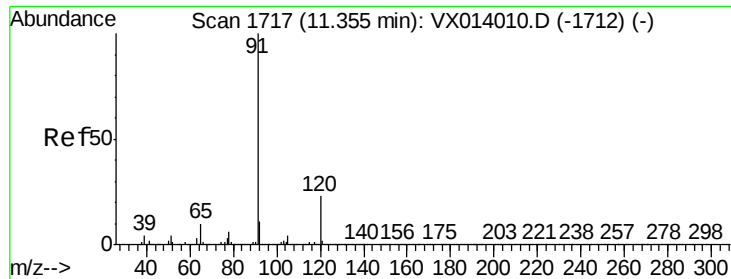
50000

0

Time-->

11.10 11.20





#78

n-propylbenzene

Concen: 0.329 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

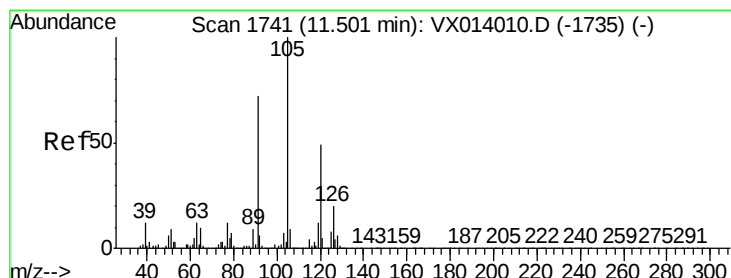
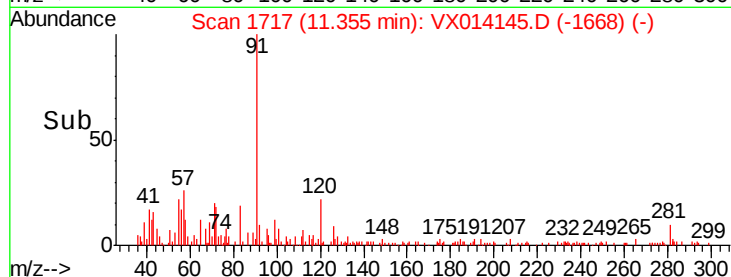
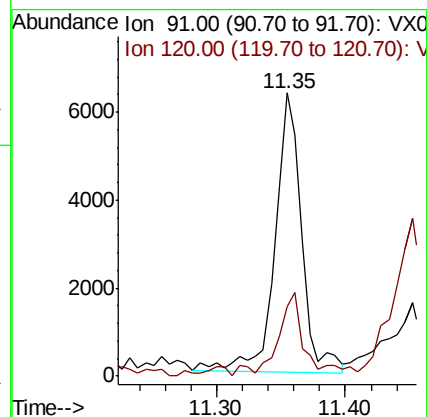
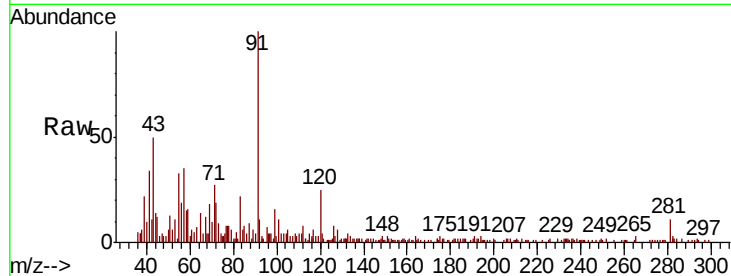
ClientSampleId :

Tot Ion: 91 Resp: 9207

Ion Ratio Lower Upper

91 100

120 28.2 11.7 35.0



#80

1,3,5-Trimethylbenzene

Concen: 0.247 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014145.D

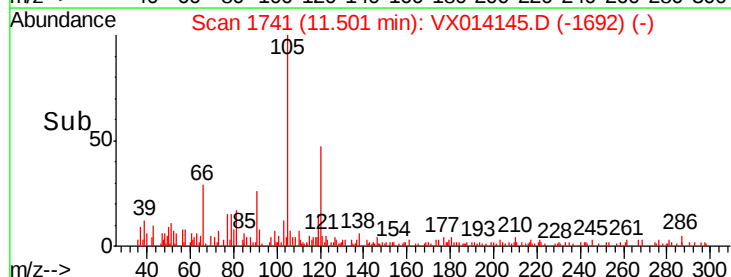
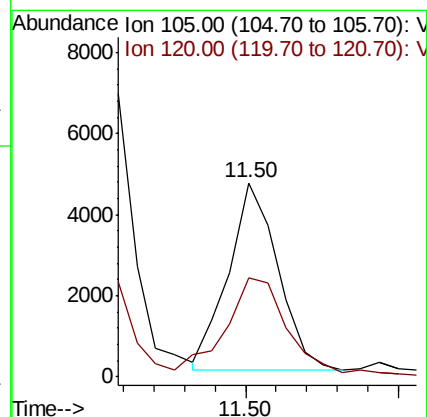
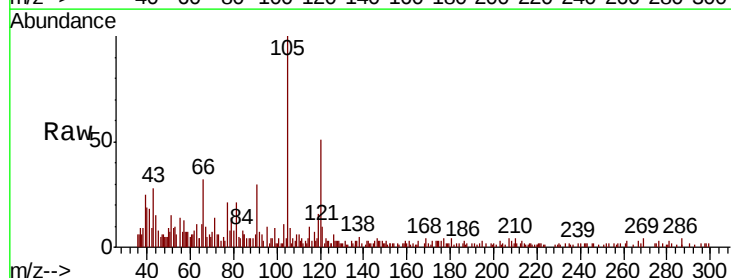
Acq: 20 Dec 2019 02:09

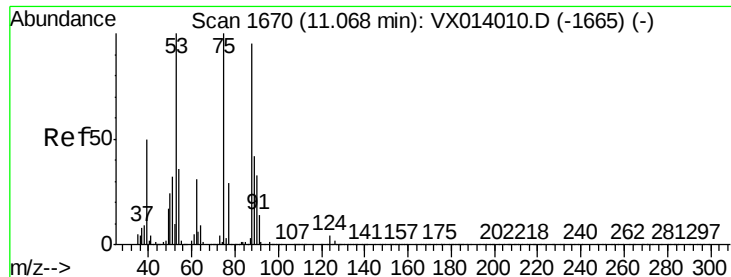
Tgt Ion: 105 Resp: 5180

Ion Ratio Lower Upper

105 100

120 66.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 61.898 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

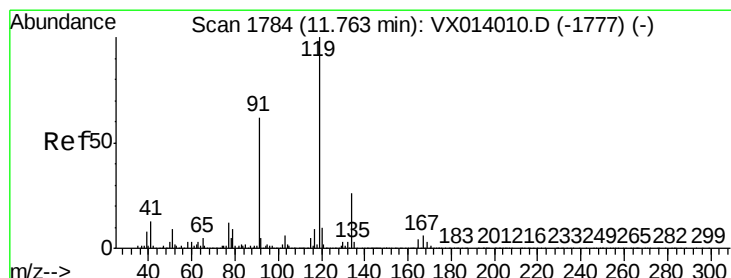
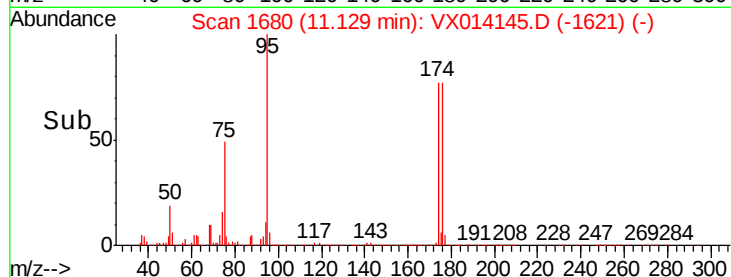
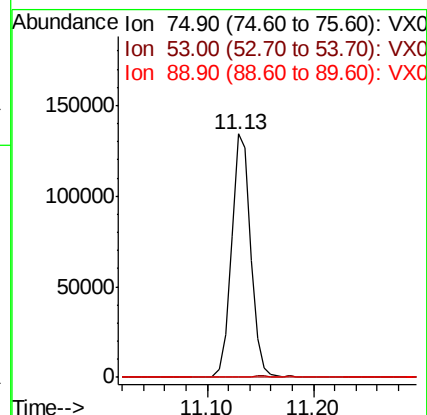
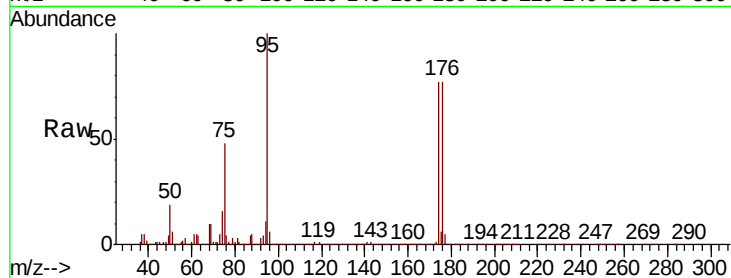
Tot Ion: 75 Resp: 168722

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

89 0.3 34.6 51.8#



#83

tert-Butylbenzene

Concen: 0.395 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

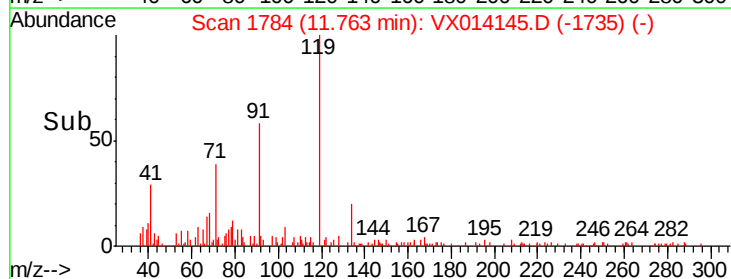
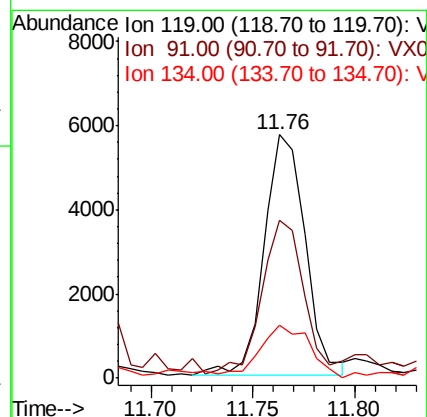
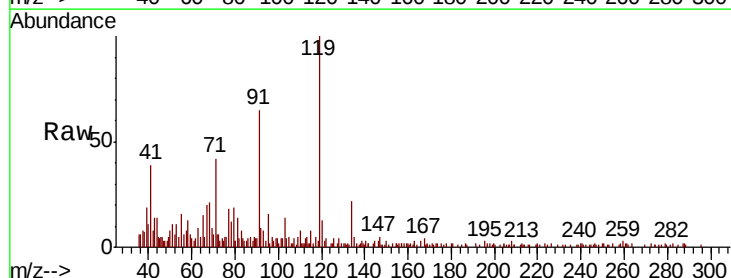
Tgt Ion: 119 Resp: 8063

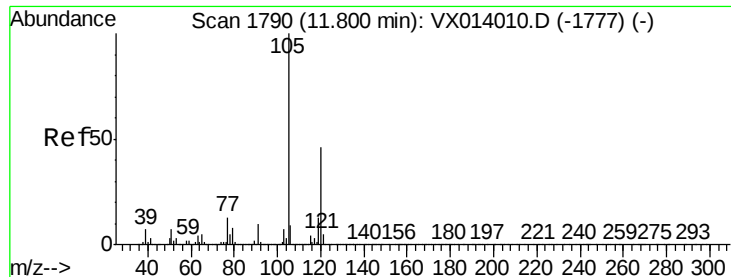
Ion Ratio Lower Upper

119 100

91 64.3 28.5 85.6

134 26.8 12.2 36.6



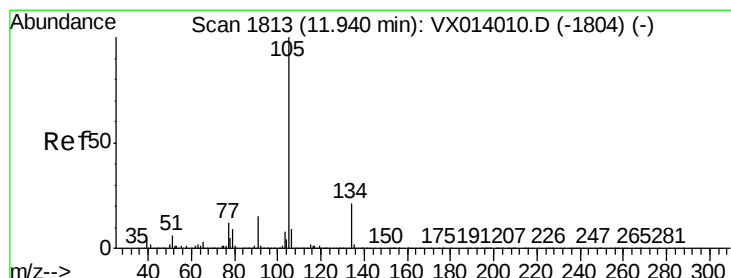
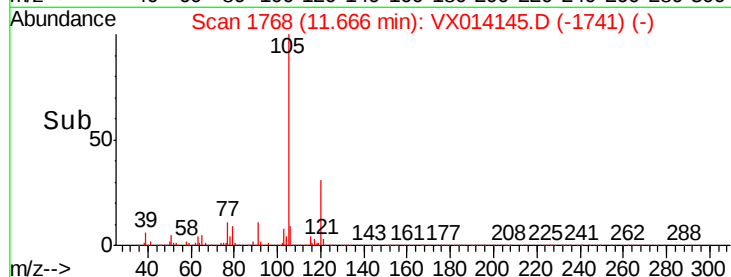
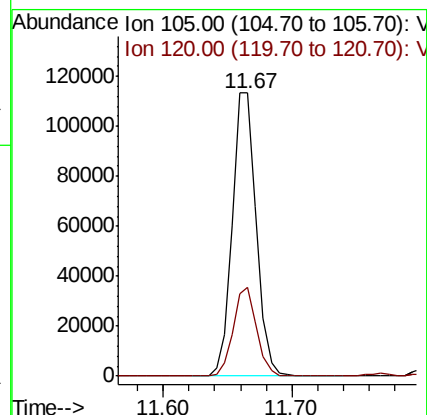
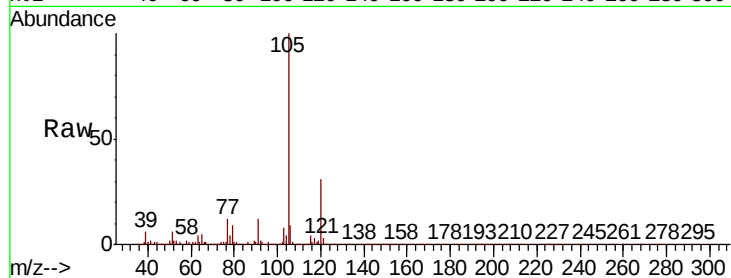


#84

1,2,4-Trimethylbenzene
Concen: 7.049 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. -0.13 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :

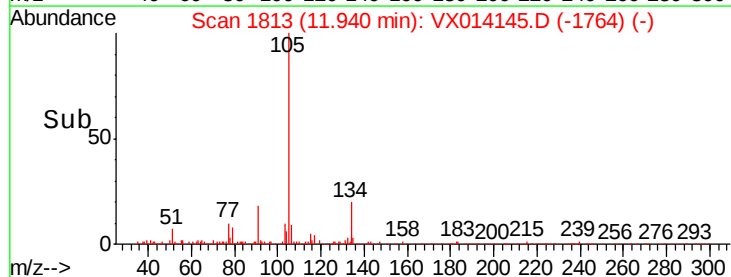
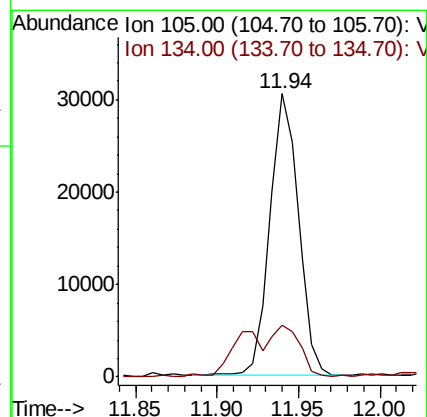
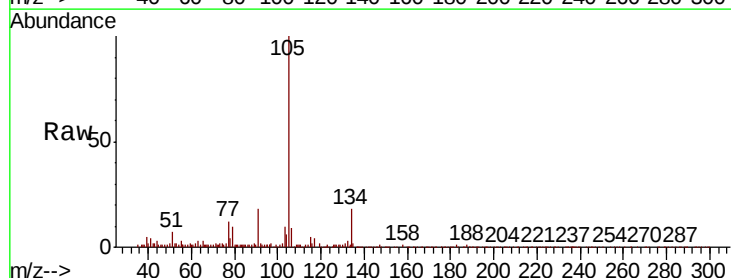
Tot Ion:105 Resp: 148242
Ion Ratio Lower Upper
105 100
120 30.4 23.1 69.2

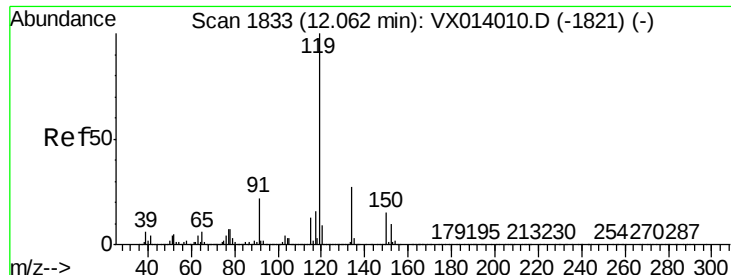


#85

sec-Butylbenzene
Concen: 1.546 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion:105 Resp: 37298
Ion Ratio Lower Upper
105 100
134 18.5 10.4 31.1

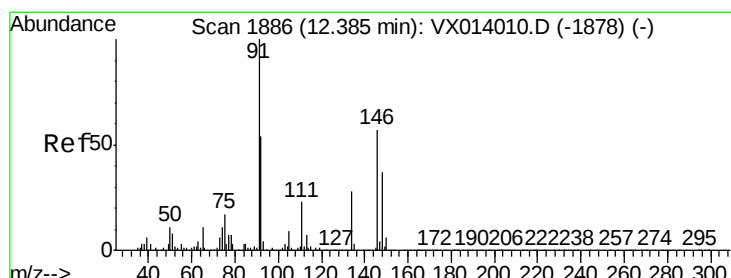
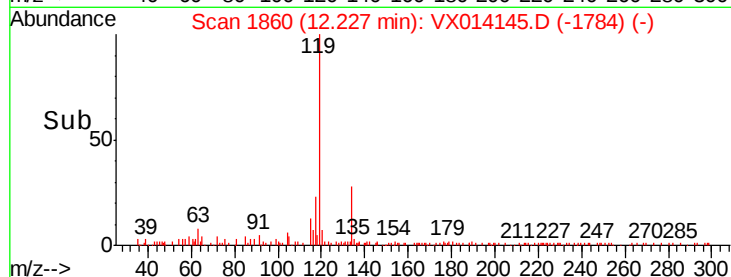
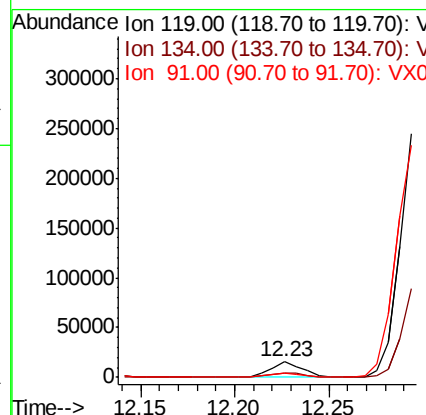
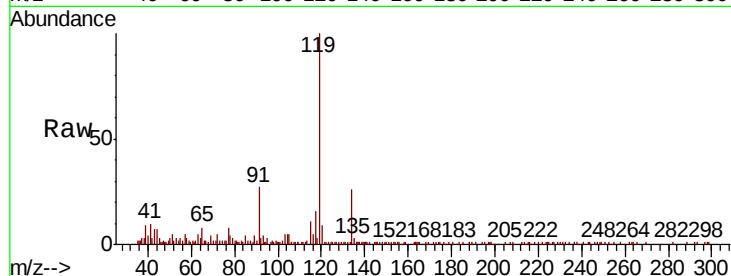




#86
p-Isopropyltoluene
Concen: 0.837 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

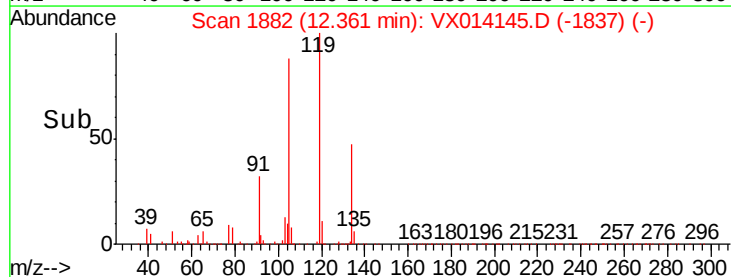
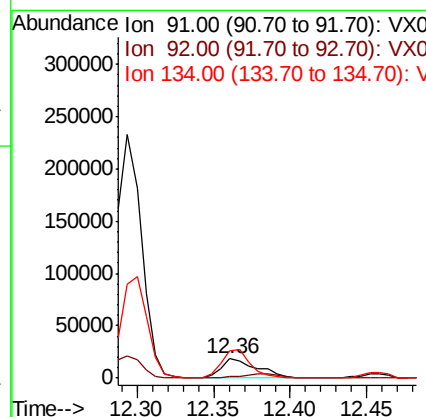
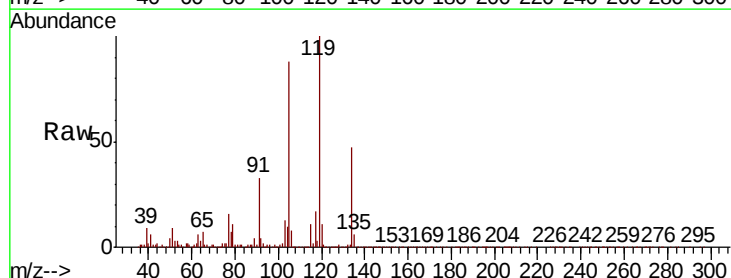
Instrument :
MSVOA_X
ClientSampleId :

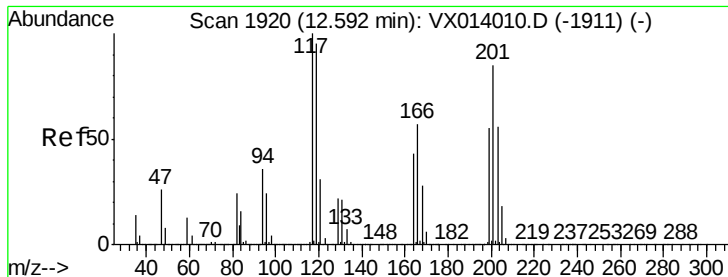
Tot Ion	Ratio	Lower	Upper
119	100		
134	32.0	13.4	40.1
91	0.0	11.4	34.1#



#89
n-Butylbenzene
Concen: 1.562 ug/l
RT: 12.36 min Scan# 1882
Delta R.T. -0.02 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.2	81.6#
134	122.2	13.4	40.1#





#90

Hexachloroethane

Concen: 22.513 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

Instrument :

MSVOA_X

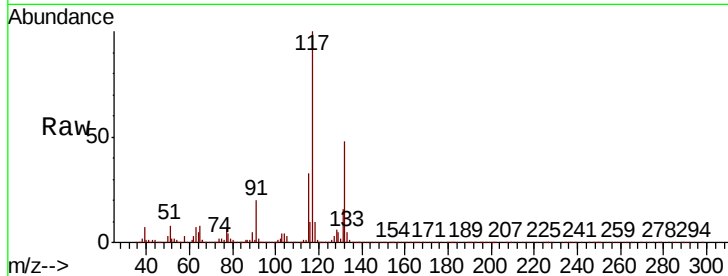
ClientSampleId :

Tot Ion:117 Resp: 89237

Ion Ratio Lower Upper

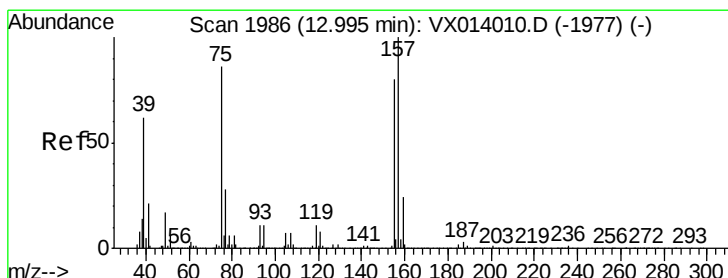
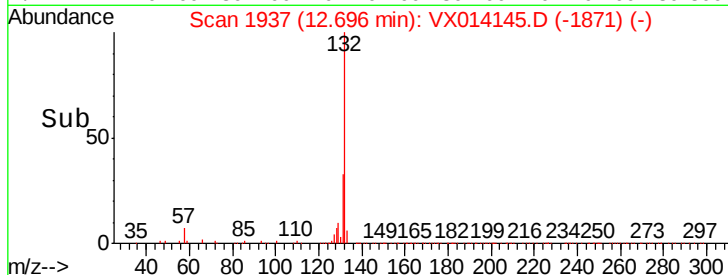
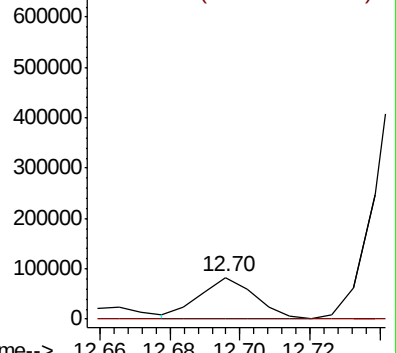
117 100

201 0.2 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: 1.220 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014145.D

Acq: 20 Dec 2019 02:09

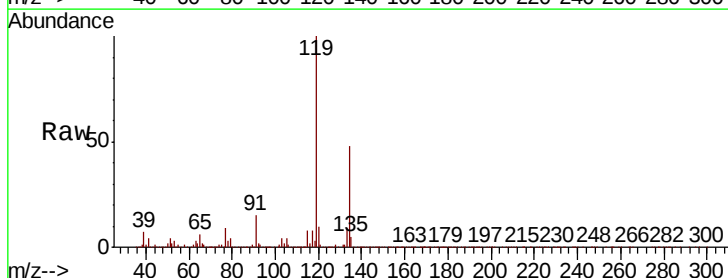
Tgt Ion: 75 Resp: 2336

Ion Ratio Lower Upper

75 100

155 5.1 46.9 140.6#

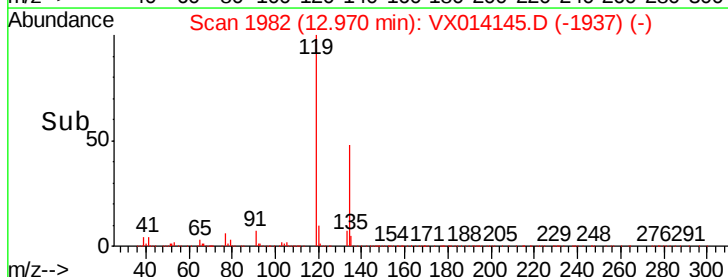
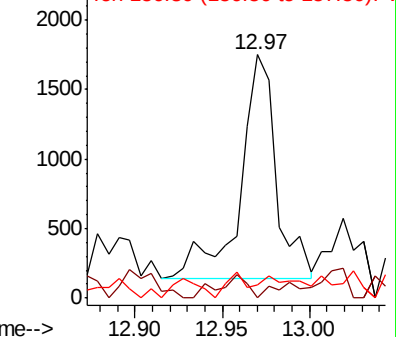
157 1.5 60.8 182.4#

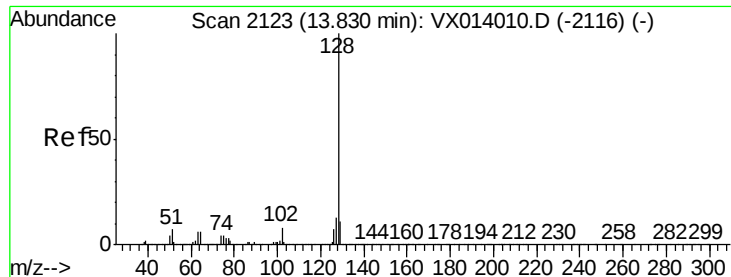


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014145.D
Acq: 20 Dec 2019 02:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.2	10.2	15.4#
129	15.6	8.7	13.1#

