

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013634.D
 Acq On : 27 Nov 2019 05:48
 Operator : JC/SP
 Sample : K6002-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 06:23:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	676904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1054673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	977773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	475507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	386388	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	5.49	113	318565	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	1308471	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	461672	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	54101	27.895	ug/l #	74
13) Acrolein	2.26	56	33910	31.520	ug/l #	1
14) Allyl chloride	2.81	41	60281	5.156	ug/l #	1
15) Acrylonitrile	3.17	53	28818	7.198	ug/l #	33
16) Acetone	2.43	43	29216	7.531	ug/l	99
18) Methyl Acetate	2.84	43	193659	17.928	ug/l #	51
19) Methyl tert-butyl Ether	3.18	73	1434379	67.214	ug/l #	60
20) Methylene Chloride	2.77	84	5288	0.710	ug/l #	11
22) Diisopropyl ether	3.85	45	35096	1.559	ug/l #	78
23) Vinyl Acetate	3.81	43	10009	0.534	ug/l #	75
25) 2-Butanone	4.67	43	12974	2.250	ug/l	98
30) Chloroform	5.27	83	34460	2.761	ug/l #	26
31) Cyclohexane	5.58	56	341345	29.409	ug/l #	96
36) 1,1-Dichloropropene	5.65	75	43214	4.514	ug/l #	50
38) Carbon Tetrachloride	5.65	117	59317	6.719	ug/l #	14
39) Methylcyclohexane	7.46	83	430124	36.346	ug/l	100
40) Benzene	6.14	78	24140536	827.905	ug/l #	90
41) Methacrylonitrile	5.06	41	6281	1.066	ug/l #	24
42) 1,2-Dichloroethane	6.14	62	218400	21.962	ug/l #	72
43) Isopropyl Acetate	6.42	43	4813885	272.248	ug/l #	15
45) 1,2-Dichloropropane	7.47	63	5531	0.758	ug/l #	1
46) Dibromomethane	7.63	93	2224	0.449	ug/l #	1
47) Bromodichloromethane	7.84	83	7061	0.754	ug/l #	82
48) Methyl methacrylate	7.73	41	58327	6.789	ug/l #	55
49) 1,4-Dioxane	7.73	88	364	1.893	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	10897	0.980	ug/l #	35
52) Toluene	8.78	92	4786455	264.234	ug/l	98
53) t-1,3-Dichloropropene	8.78	75	52202	4.896	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	84080	11.518	ug/l #	19
56) Ethyl methacrylate	9.16	69	25298	2.156	ug/l #	53
59) 2-Hexanone	9.51	43	14192	1.636	ug/l	73
67) Ethyl Benzene	10.25	91	15355264	440.178	ug/l #	60
68) m/p-Xylenes	10.36	106	18500525	1385.223	ug/l #	1
69) o-Xylene	10.70	106	9376254	719.827	ug/l	66

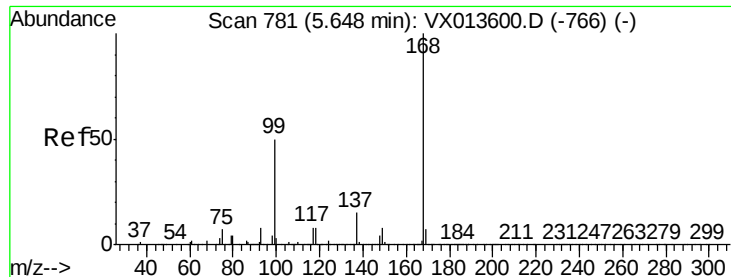
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.70	104	584942	26.696	ug/l #	1
73) Isopropylbenzene	11.01	105	1117130	33.492	ug/l	100
74) N-amyl acetate	10.84	43	5009	0.328	ug/l #	54
76) 1,2,3-Trichloropropane	11.35	75	11760	1.100	ug/l #	1
78) n-propylbenzene	11.35	91	1956364	52.542	ug/l	100
79) 2-Chlorotoluene	11.43	91	1708413	76.487	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	4940380	180.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.01	75	12881	3.295	ug/l #	59
82) 4-Chlorotoluene	11.50	91	512759	19.821	ug/l #	43
83) tert-Butylbenzene	11.81	119	3112335	112.024	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.67	105	5673187	204.477	ug/l	78
85) sec-Butylbenzene	11.80	105	14712223	463.609	ug/l #	55
86) p-Isopropyltoluene	12.02	119	234664	7.949	ug/l #	77
89) n-Butylbenzene	12.37	91	424477	16.858	ug/l #	1
90) Hexachloroethane	12.58	117	160368	30.053	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14774	5.865	ug/l #	1
95) Naphthalene	13.83	128	8554792	265.588	ug/l	98

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

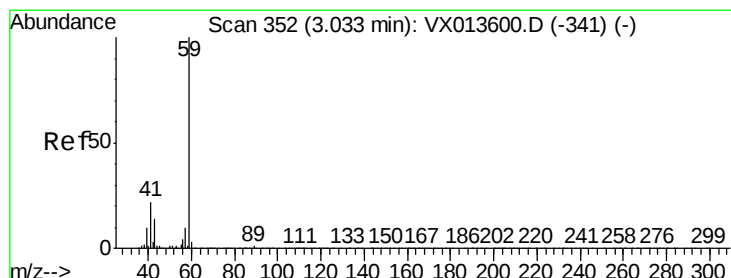
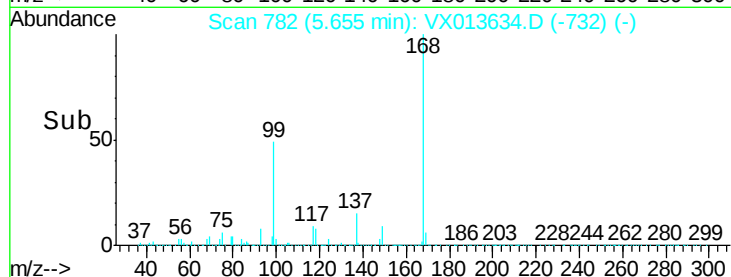
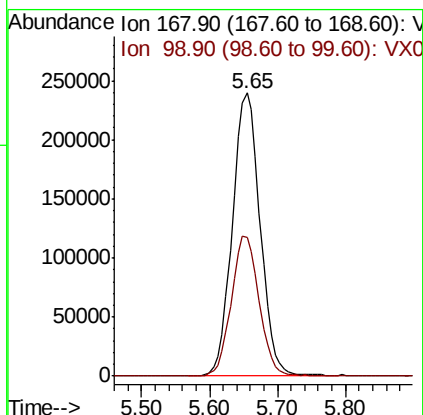
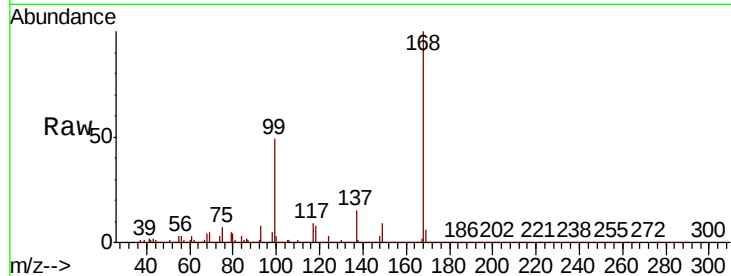


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :

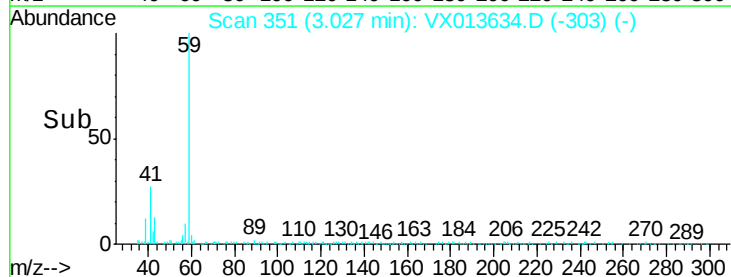
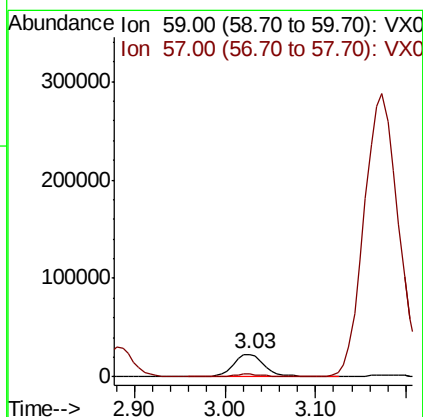
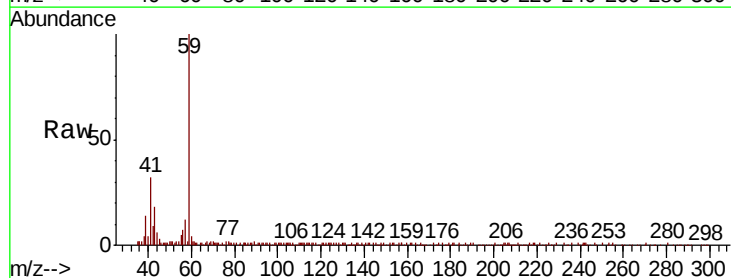
Tot Ion:168 Resp: 676904
 Ion Ratio Lower Upper
 168 100
 99 48.8 39.8 59.8

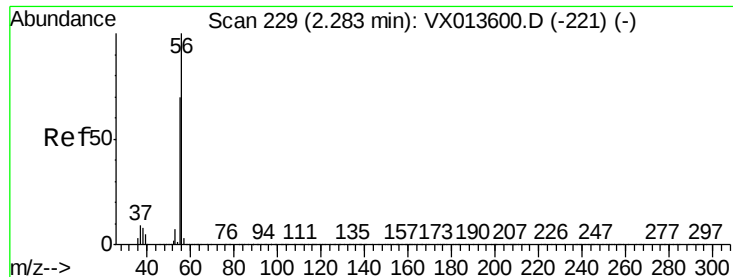


#11

Tert butyl alcohol
 Concen: 27.895 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Tgt Ion: 59 Resp: 54101
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#





#13

Acrolein

Concen: 31.520 ug/l

RT: 2.26 min Scan# 225

Delta R.T. -0.02 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

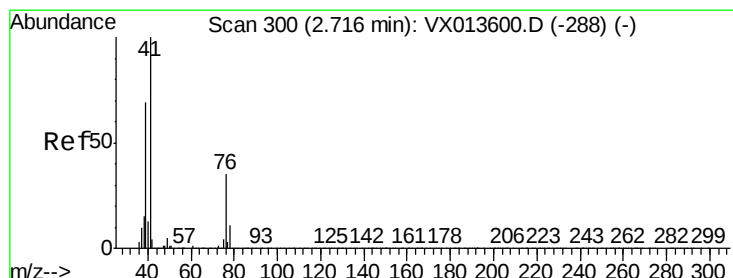
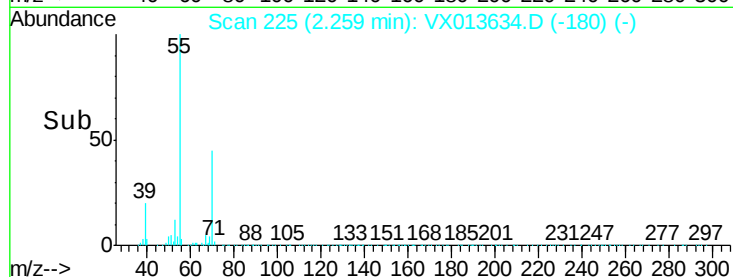
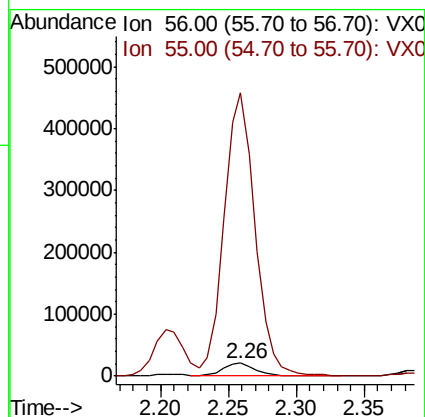
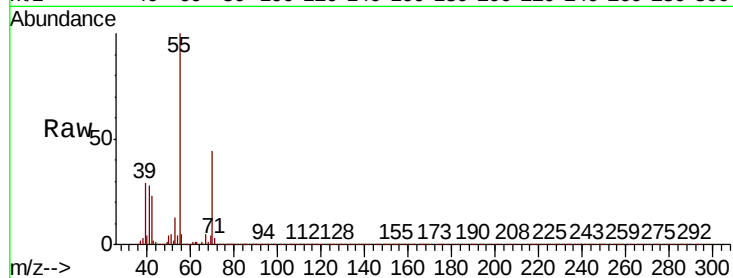
ClientSampleId :

Tot Ion: 56 Resp: 33910

Ion Ratio Lower Upper

56 100

55 2111.0 56.2 84.4#



#14

Allyl chloride

Concen: 5.156 ug/l

RT: 2.81 min Scan# 315

Delta R.T. 0.09 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

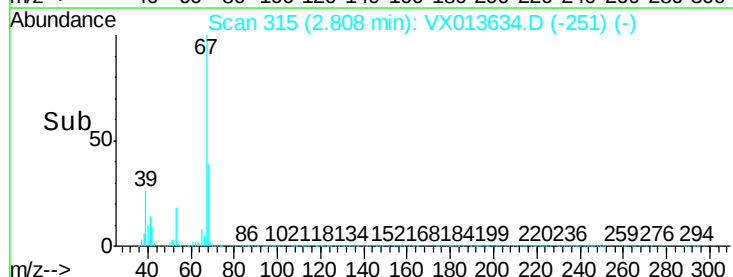
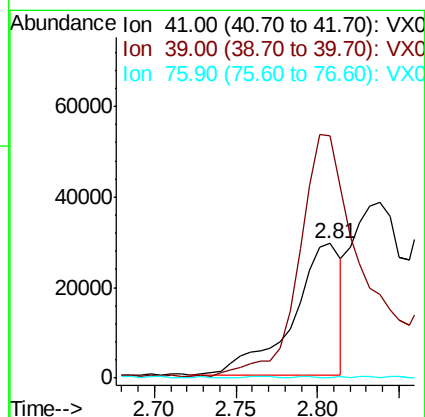
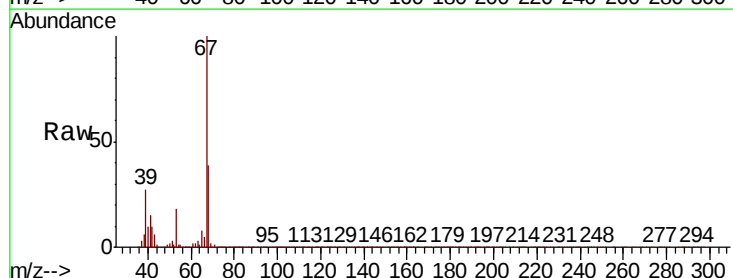
Tgt Ion: 41 Resp: 60281

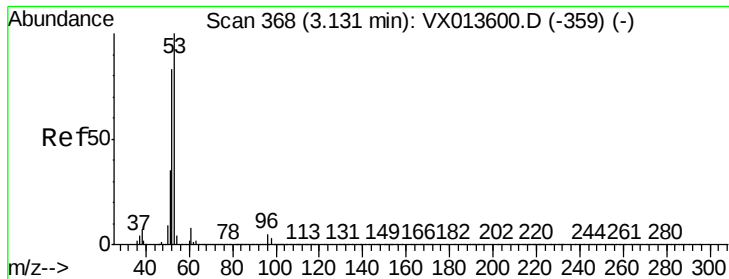
Ion Ratio Lower Upper

41 100

39 234.5 51.7 77.5#

76 0.6 25.9 38.9#





#15

Acrylonitrile

Concen: 7.198 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.04 min

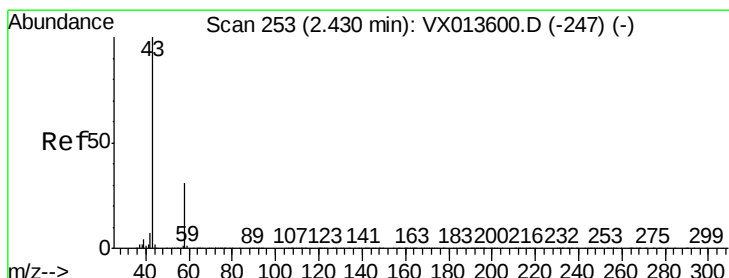
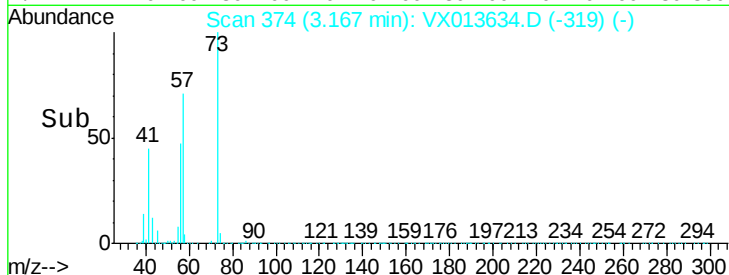
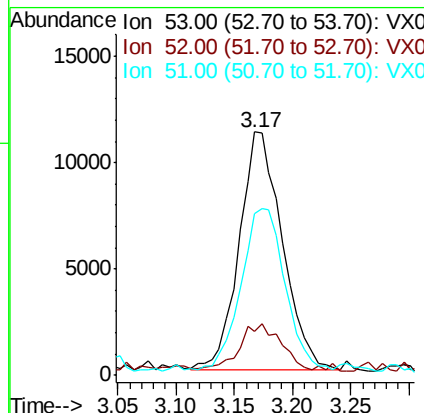
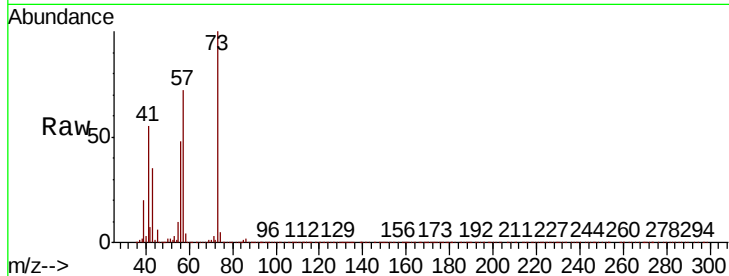
Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 28818

Ion	Ratio	Lower	Upper
53	100		
52	18.1	66.2	99.2#
51	68.8	29.0	43.6#



#16

Acetone

Concen: 7.531 ug/l

RT: 2.43 min Scan# 253

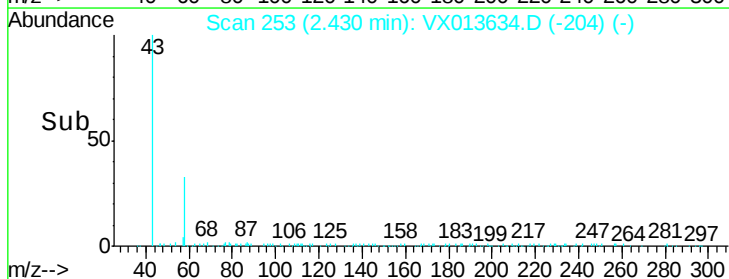
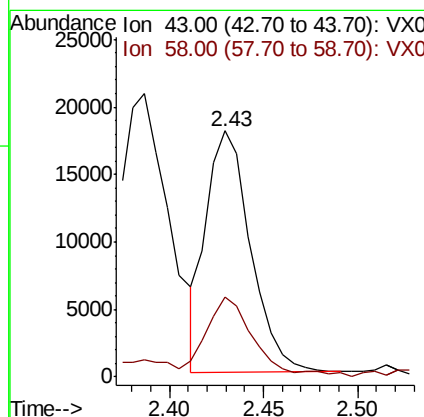
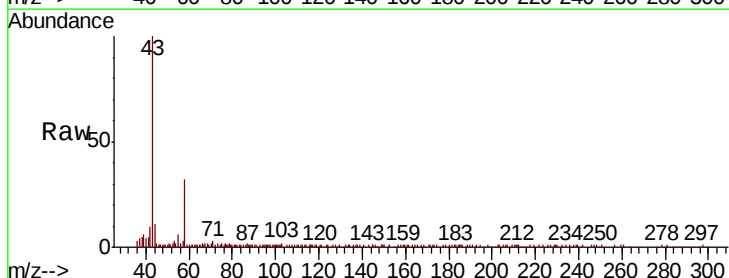
Delta R.T. 0.00 min

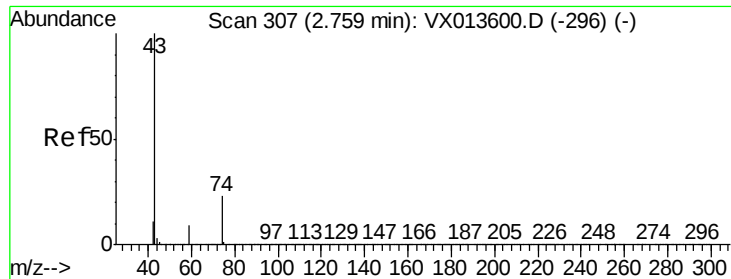
Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Tgt Ion: 43 Resp: 29216

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8

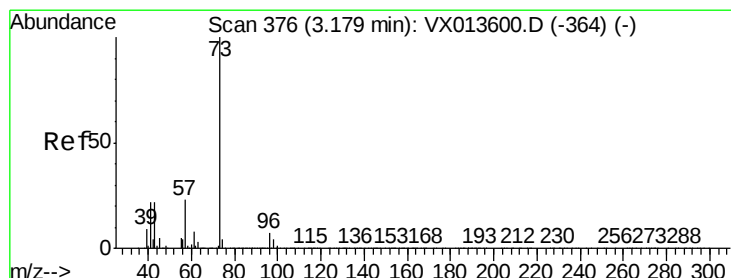
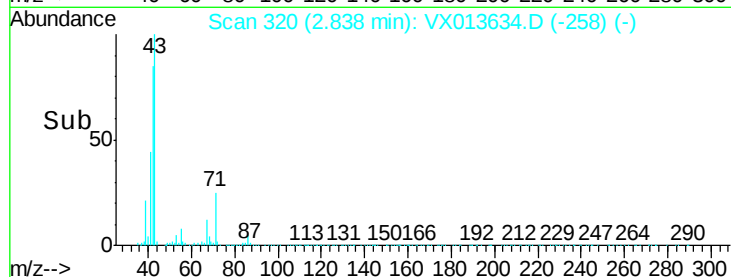
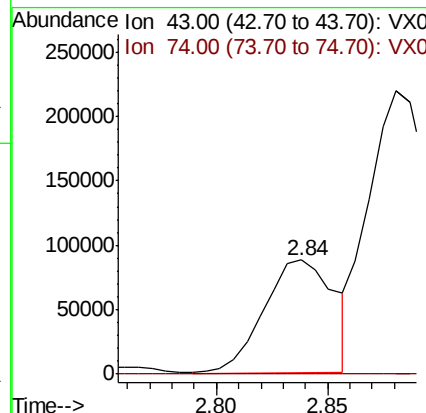
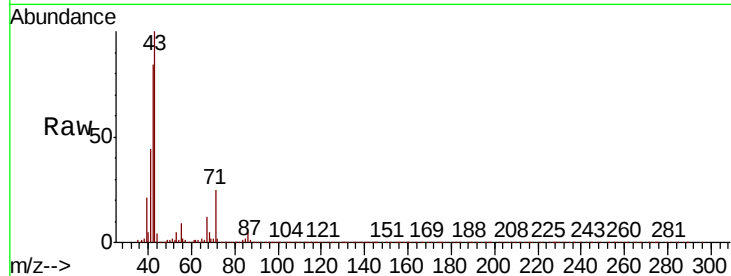




#18
Methyl Acetate
Concen: 17.928 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.08 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

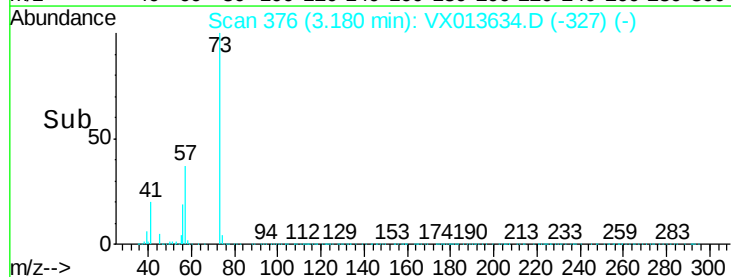
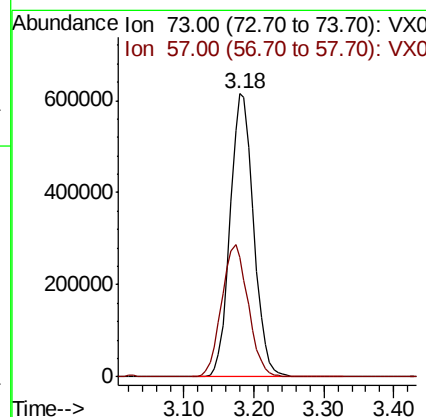
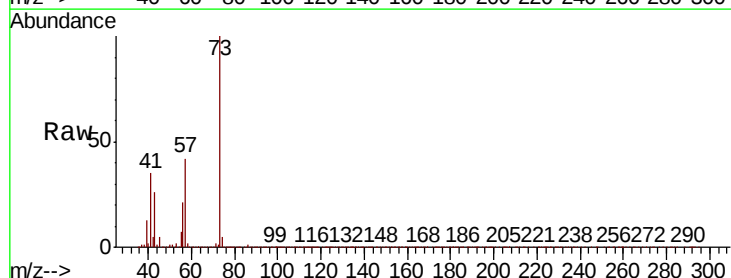
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MSVOA_X
ClientSampleId :

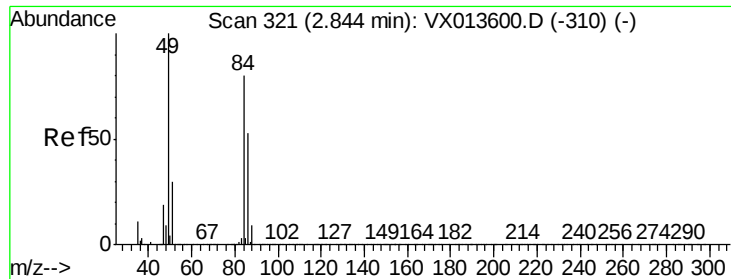
Tot Ion: 43 Resp: 193659
Ion Ratio Lower Upper
43 100
74 0.1 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 67.214 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion: 73 Resp: 1434379
Ion Ratio Lower Upper
73 100
57 42.1 18.3 27.5#

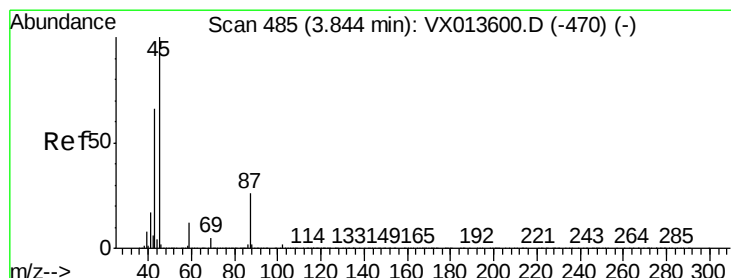
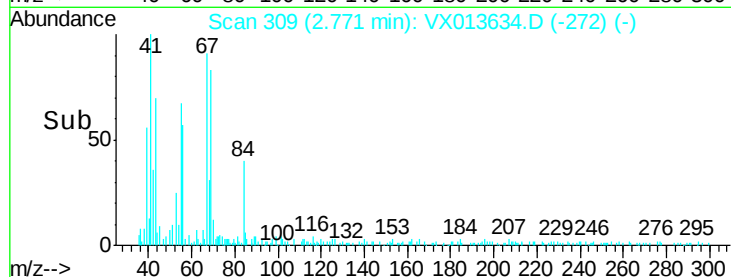
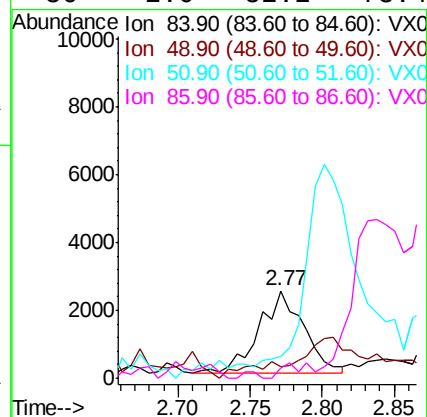
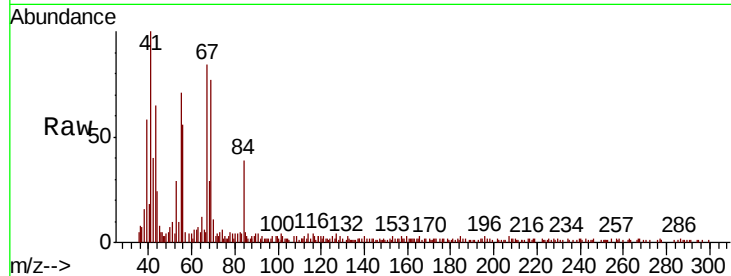




#20
Methylene Chloride
Concen: 0.710 ug/l
RT: 2.77 min Scan# 309
Delta R.T. -0.07 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

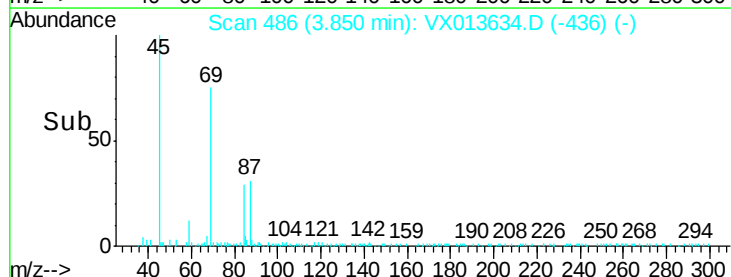
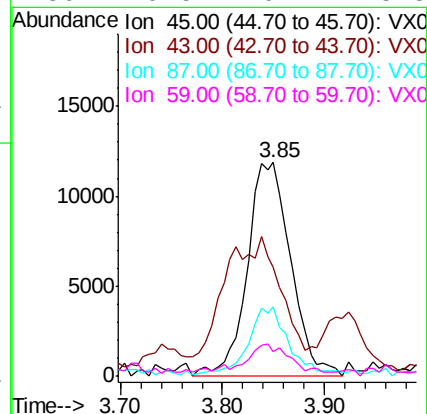
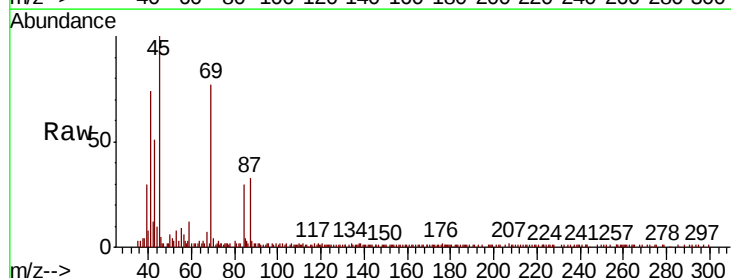
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MSVOA_X
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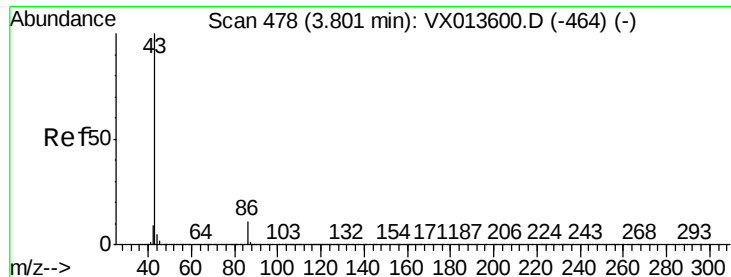
Tot Ion:	84	Resp:	5288
Ion	Ratio	Lower	Upper
84	100		
49	0.0	99.7	149.5#
51	16.3	29.9	44.9#
86	2.0	52.2	78.4#



#22
Diisopropyl ether
Concen: 1.559 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion:	45	Resp:	35096
Ion	Ratio	Lower	Upper
45	100		
43	42.3	52.6	79.0#
87	31.8	21.1	31.7#
59	9.5	9.2	13.8

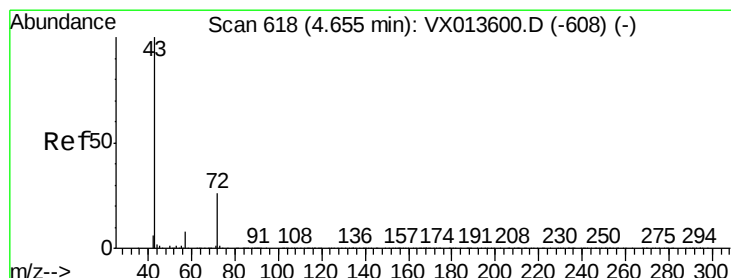
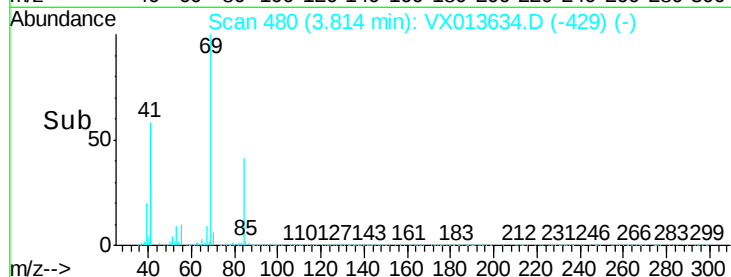
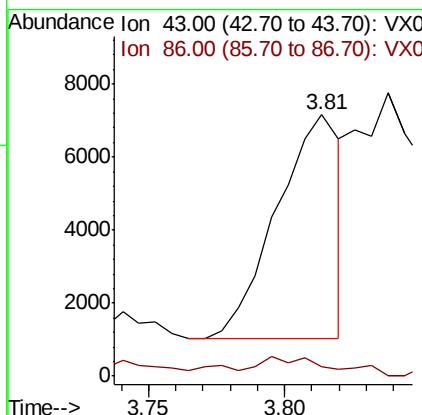
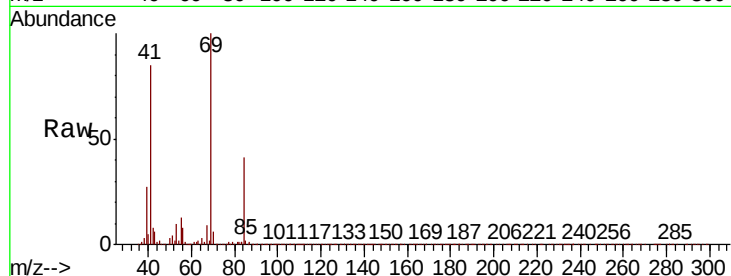




#23
 Vinyl Acetate
 Concen: 0.534 ug/l
 RT: 3.81 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

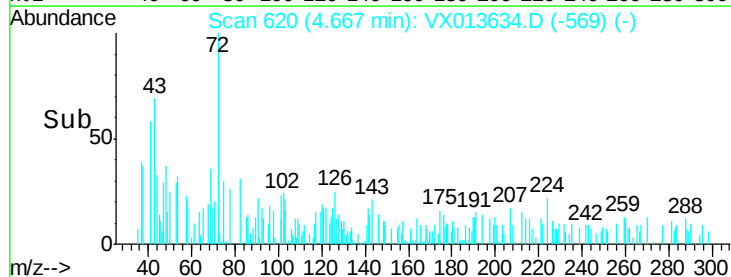
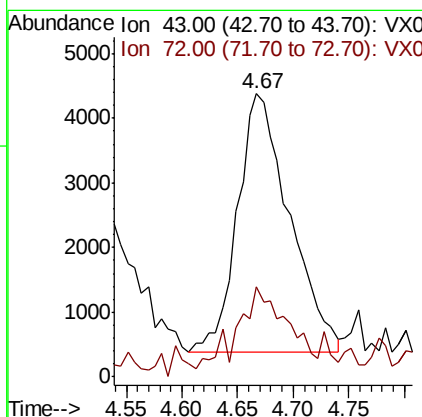
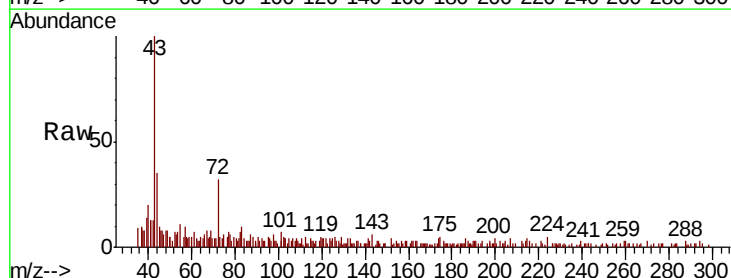
Instrument :
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 ClientSampleId :

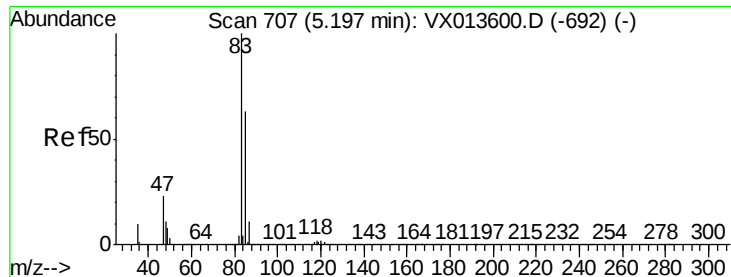
Tot Ion: 43 Resp: 10009
 Ion Ratio Lower Upper
 43 100
 86 1.6 8.7 13.1#



#25
 2-Butanone
 Concen: 2.250 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Tgt Ion: 43 Resp: 12974
 Ion Ratio Lower Upper
 43 100
 72 24.9 20.6 31.0

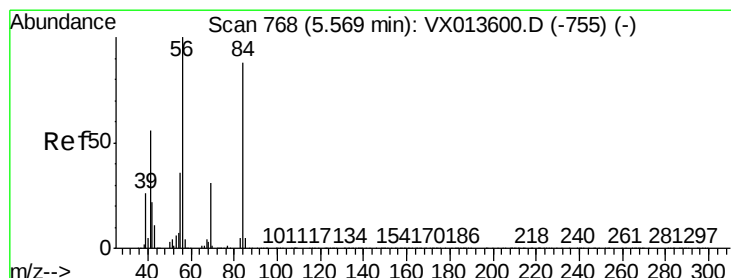
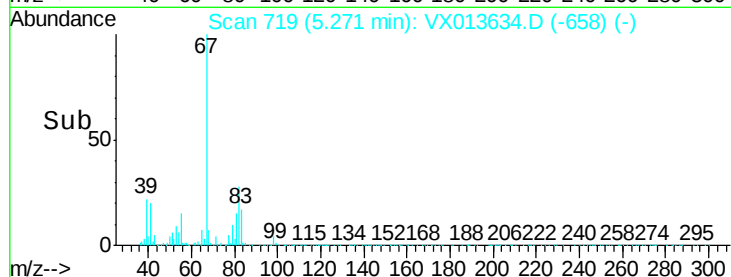
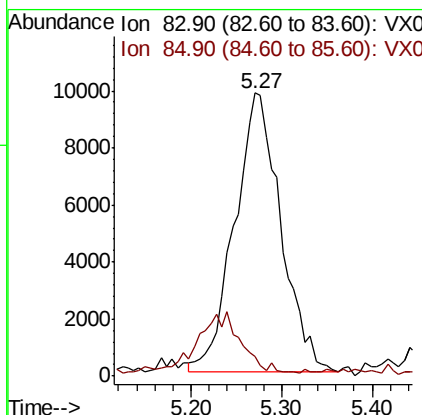
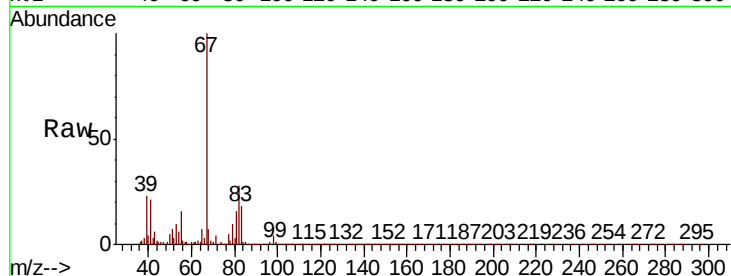




#30
Chloroform
Concen: 2.761 ug/l
RT: 5.27 min Scan# 719
Delta R.T. 0.07 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

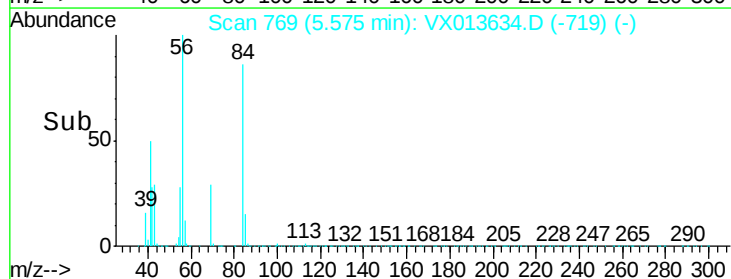
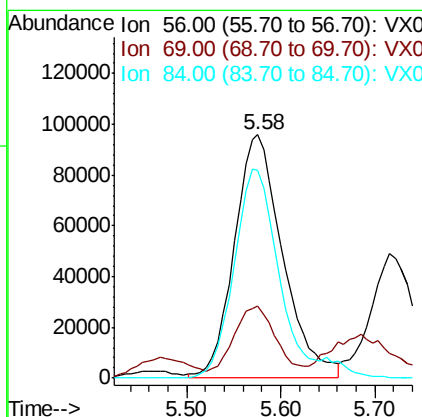
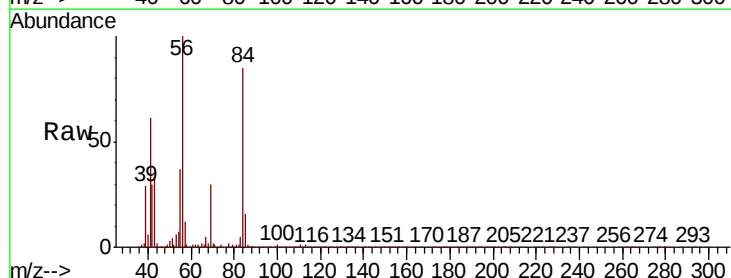
Instrument :
MSVOA_X
ClientSampled :

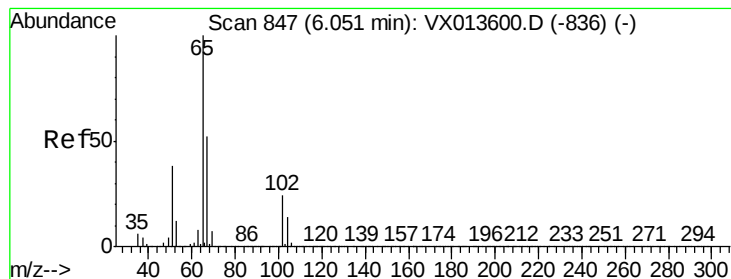
Tot Ion: 83 Resp: 34460
Ion Ratio Lower Upper
83 100
85 5.5 50.2 75.4#



#31
Cyclohexane
Concen: 29.409 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion: 56 Resp: 341345
Ion Ratio Lower Upper
56 100
69 24.6 24.6 36.8#
84 86.3 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 49.176 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

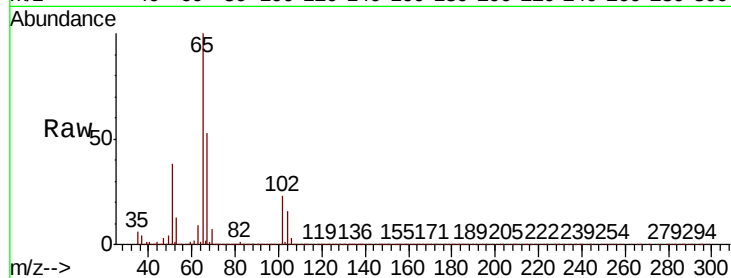
ClientSampleId :

Tot Ion: 65 Resp: 386388

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

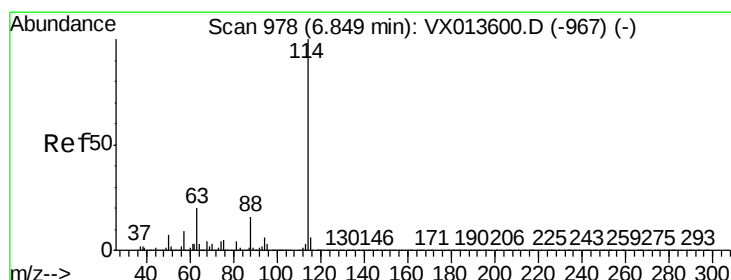
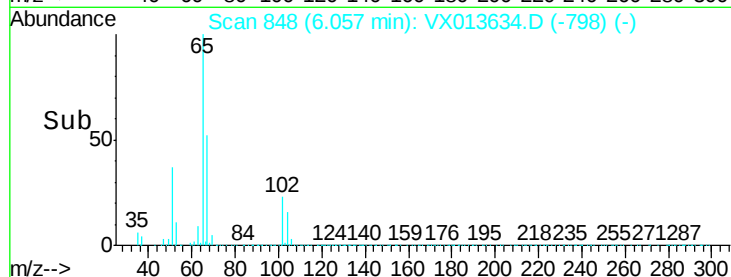
150000

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: VX013634.D

Acq: 27 Nov 2019 05:48

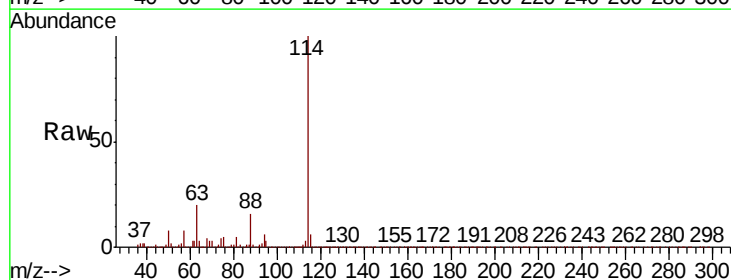
Tgt Ion: 114 Resp: 1054673

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.5 0.0 31.4



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

6.85

600000

500000

400000

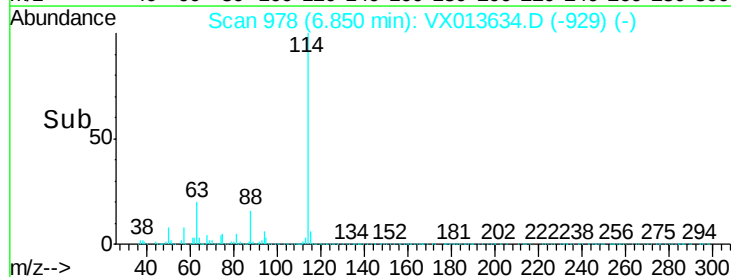
300000

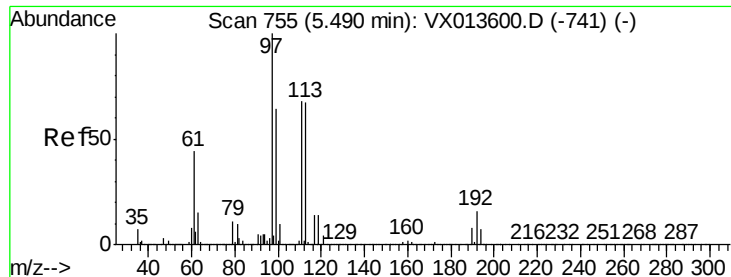
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.859 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :

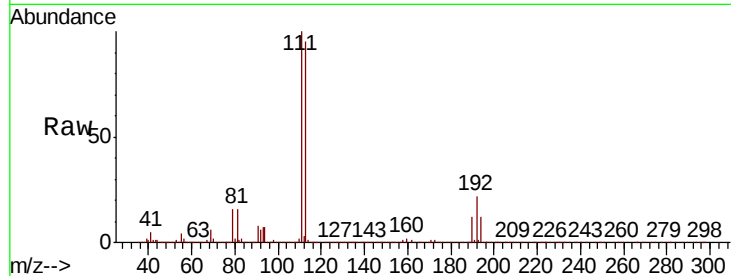
Tot Ion:113 Resp: 318565

Ion Ratio Lower Upper

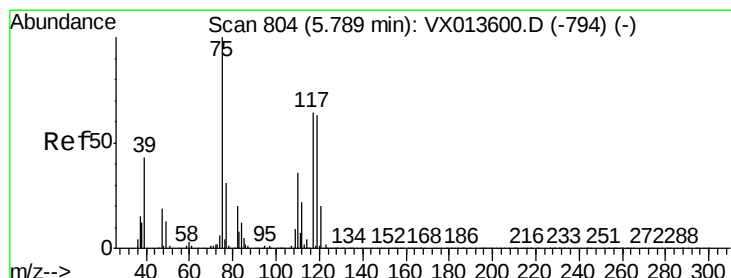
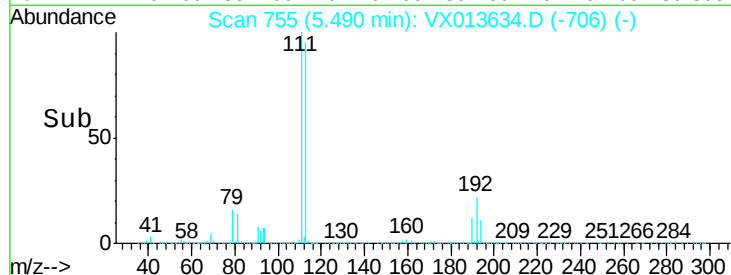
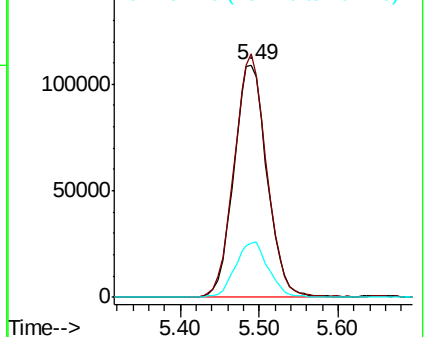
113 100

111 101.7 83.6 125.4

192 24.1 19.2 28.8



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: 4.514 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

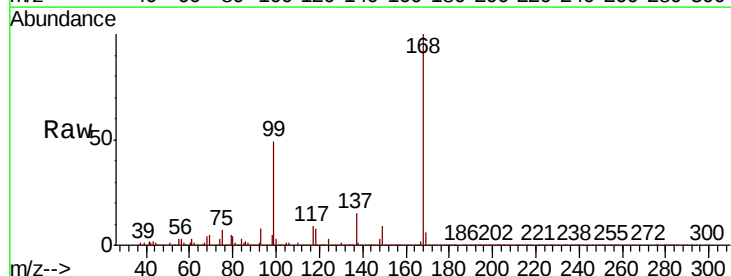
Tgt Ion: 75 Resp: 43214

Ion Ratio Lower Upper

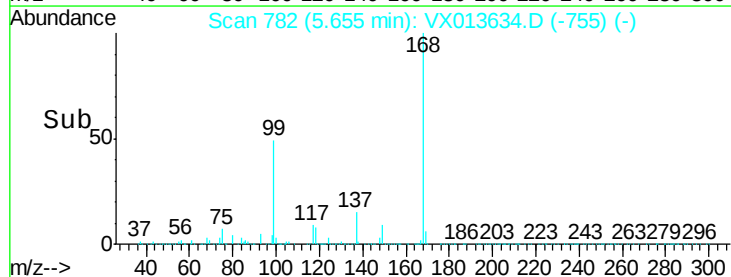
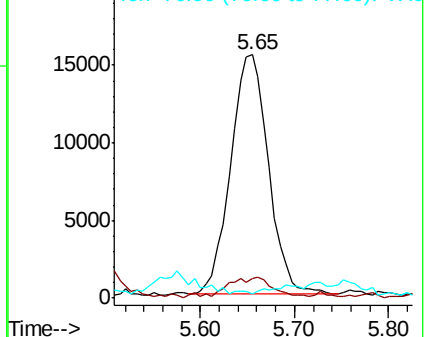
75 100

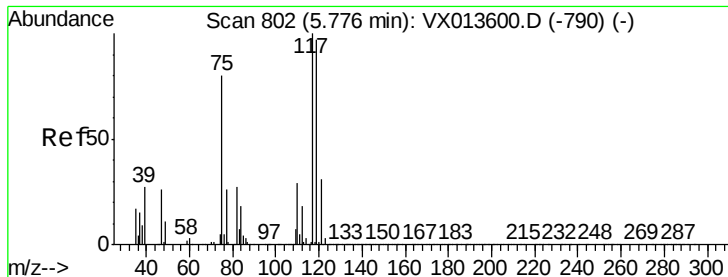
110 9.6 18.1 54.1#

77 0.0 24.5 36.7#



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: 6.719 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

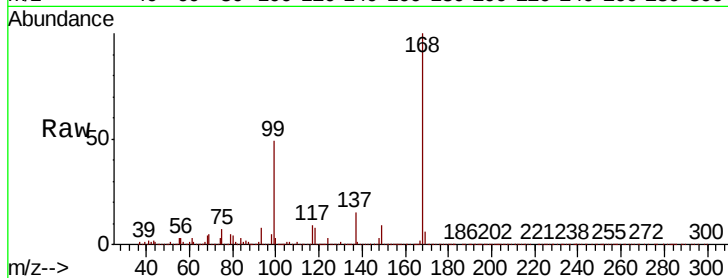
Tot Ion:117 Resp: 59317

Ion Ratio Lower Upper

117 100

119 3.3 77.5 116.3#

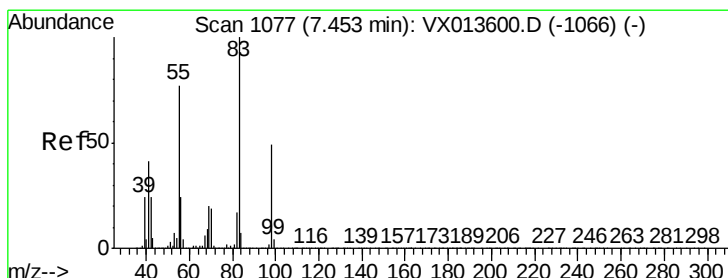
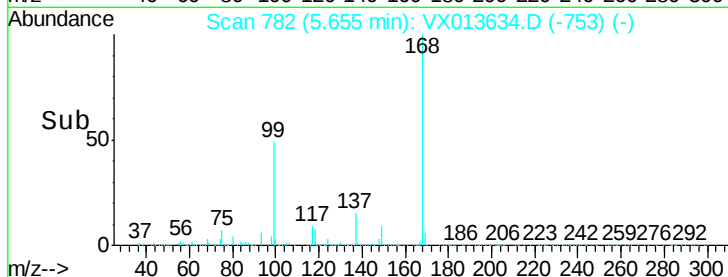
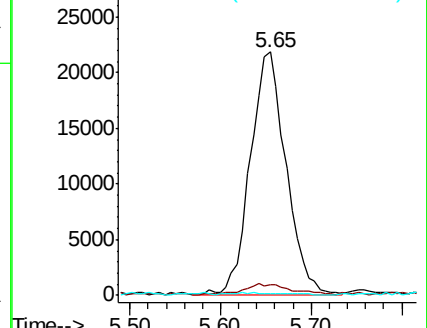
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 36.346 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

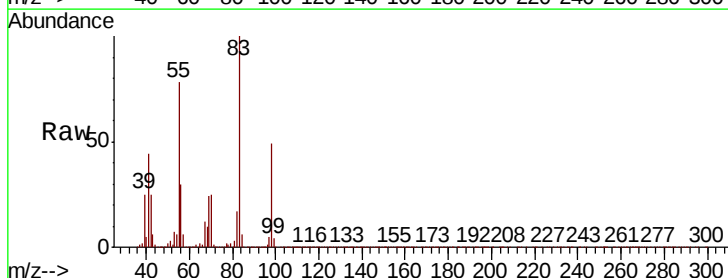
Tgt Ion: 83 Resp: 430124

Ion Ratio Lower Upper

83 100

55 77.4 61.9 92.9

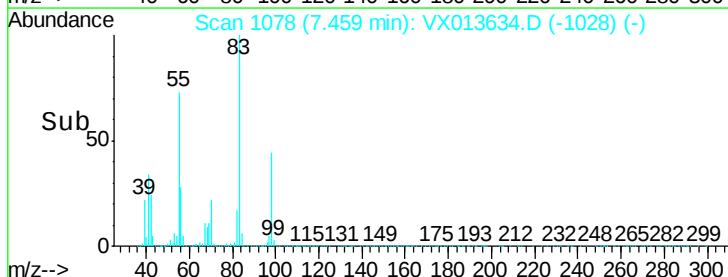
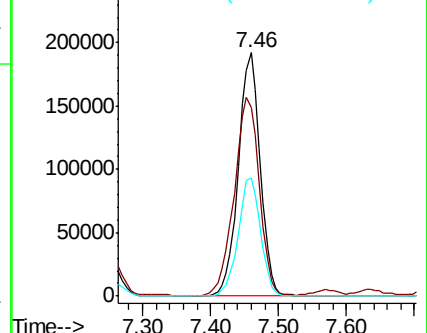
98 48.6 39.4 59.0

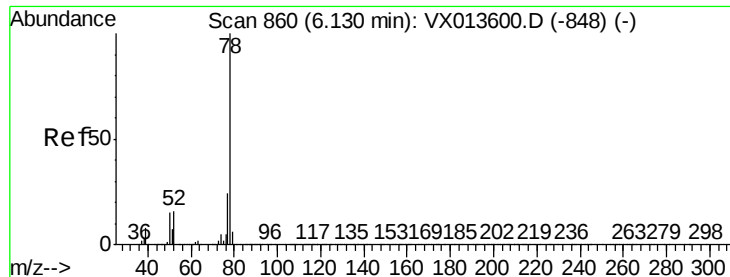


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 827.905 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

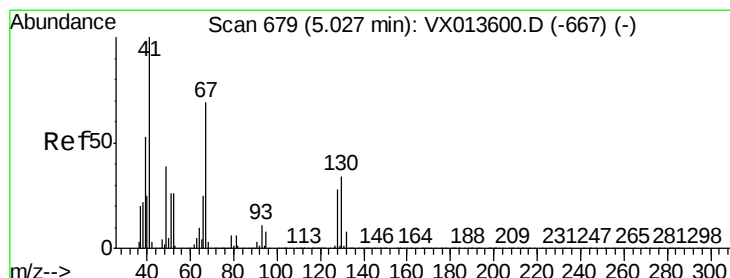
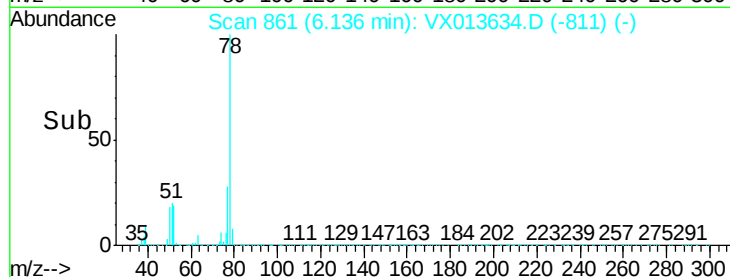
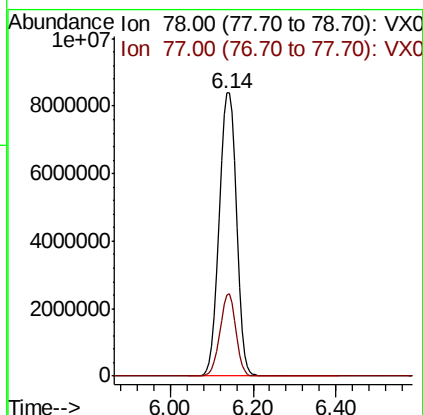
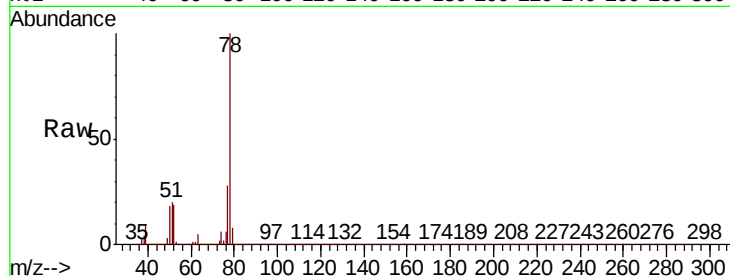
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 24140536

Ion Ratio Lower Upper

78 100

77 28.5 19.0 28.4#



#41

Methacrylonitrile

Concen: 1.066 ug/l

RT: 5.06 min Scan# 684

Delta R.T. 0.03 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Tgt Ion: 41 Resp: 6281

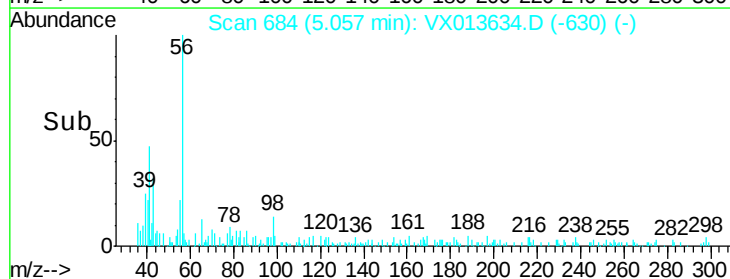
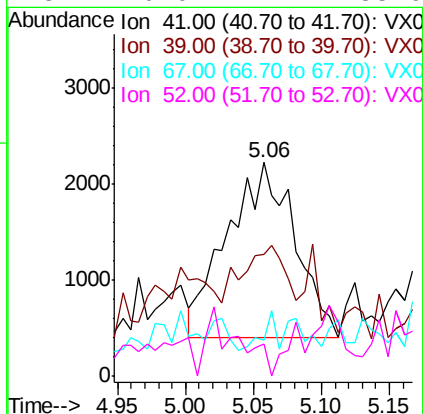
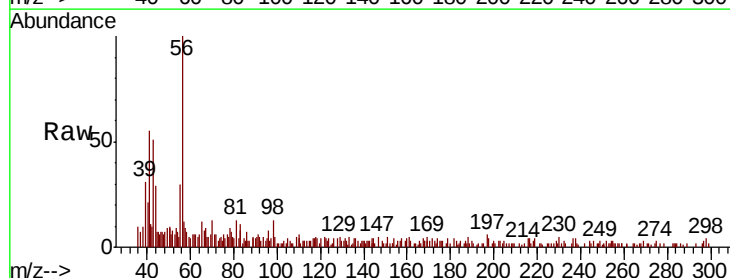
Ion Ratio Lower Upper

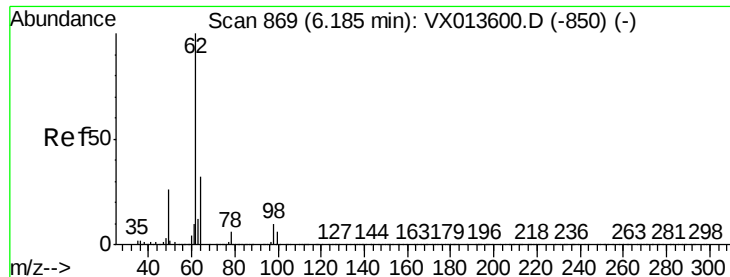
41 100

39 0.0 42.9 64.3#

67 0.0 57.4 86.0#

52 0.0 22.4 33.6#





#42

1,2-Dichloroethane

Concen: 21.962 ug/l

RT: 6.14 min Scan# 862

Delta R.T. -0.04 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

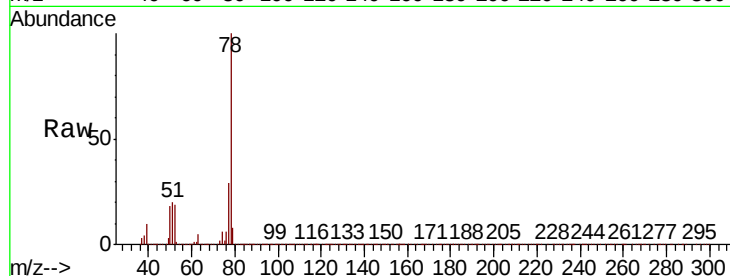
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 218400

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.14

80000

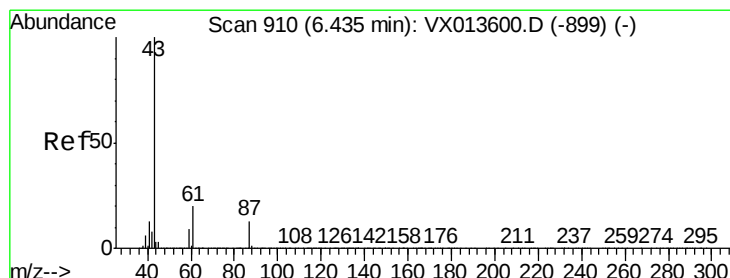
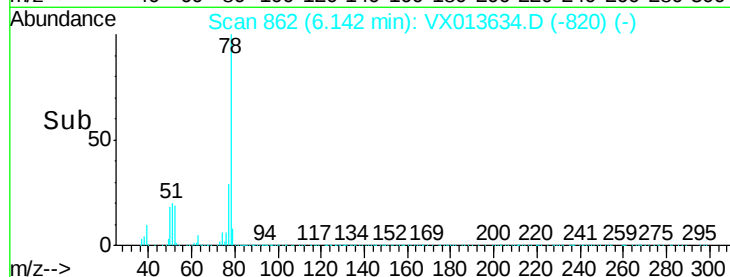
60000

40000

20000

0

Time--> 6.00 6.10 6.20



#43

Isopropyl Acetate

Concen: 272.248 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

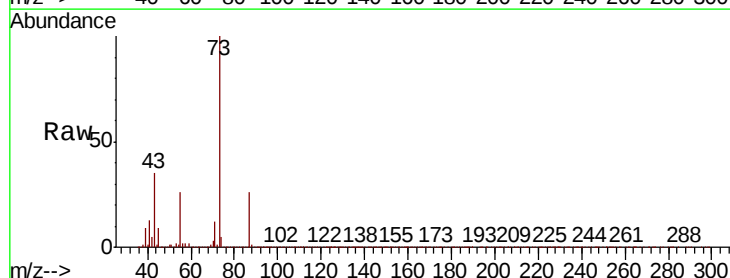
Tgt Ion: 43 Resp: 4813885

Ion Ratio Lower Upper

43 100

61 0.2 16.3 24.5#

87 72.7 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.42

2000000

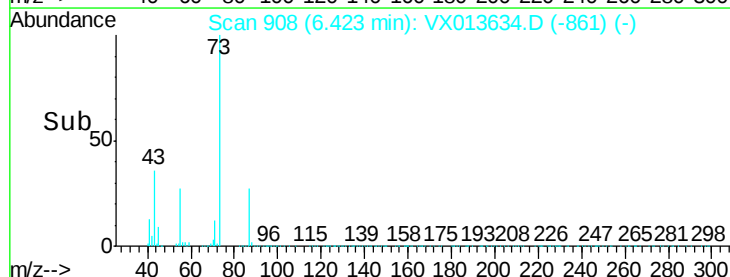
1500000

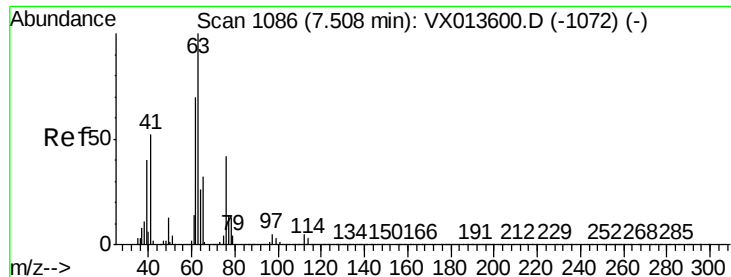
1000000

500000

0

Time--> 6.30 6.40 6.50 6.60





#45

1,2-Dichloropropane

Concen: 0.758 ug/l

RT: 7.47 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

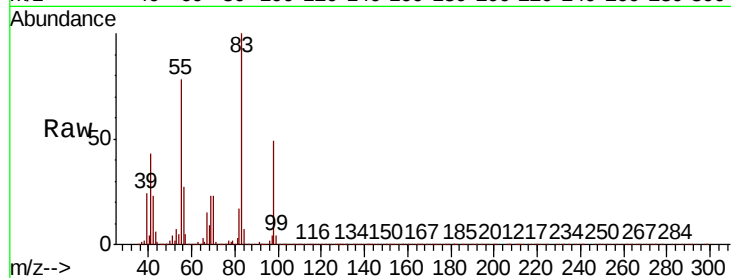
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 5531

Ion Ratio Lower Upper

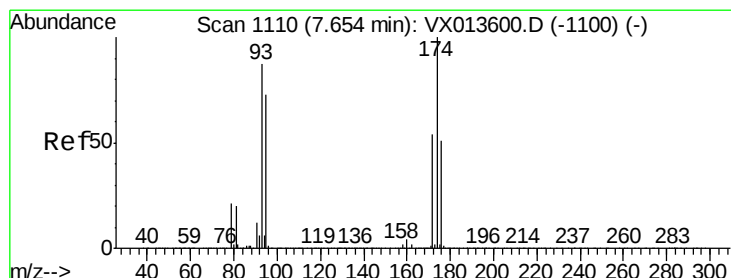
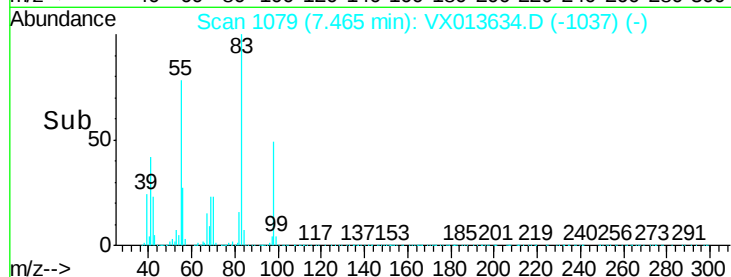
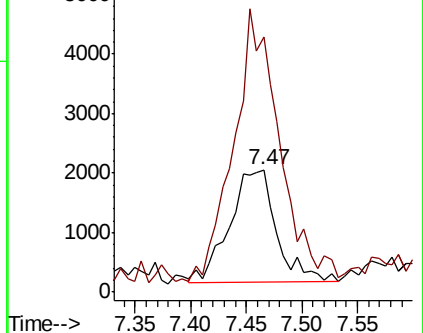
63 100

65 218.1 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.449 ug/l

RT: 7.63 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

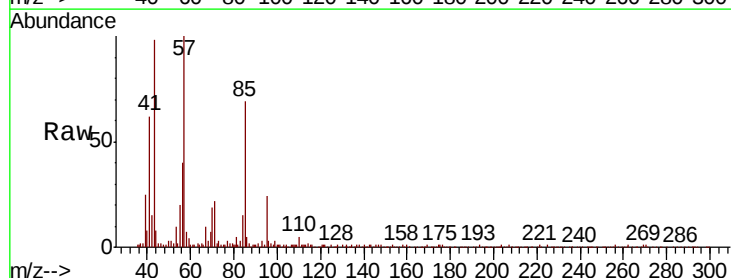
Tgt Ion: 93 Resp: 2224

Ion Ratio Lower Upper

93 100

95 668.0 66.2 99.2#

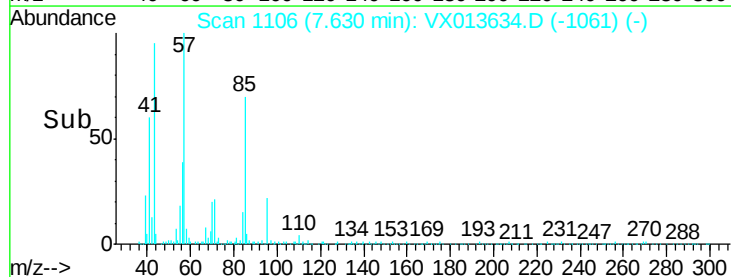
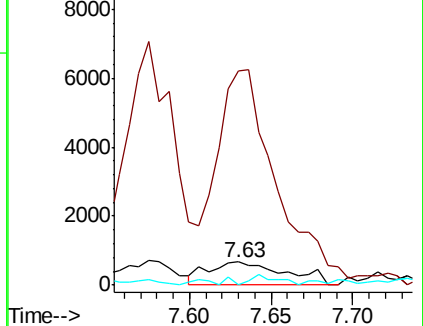
174 14.9 93.4 140.0#

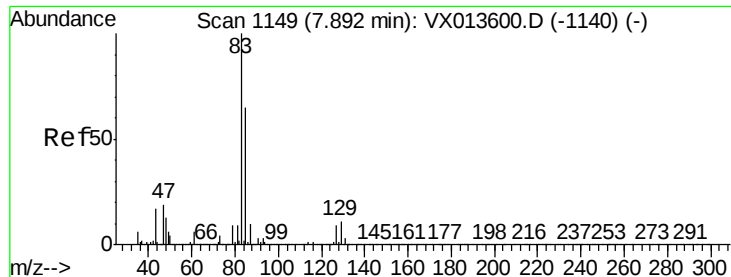


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.754 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. -0.05 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampled :

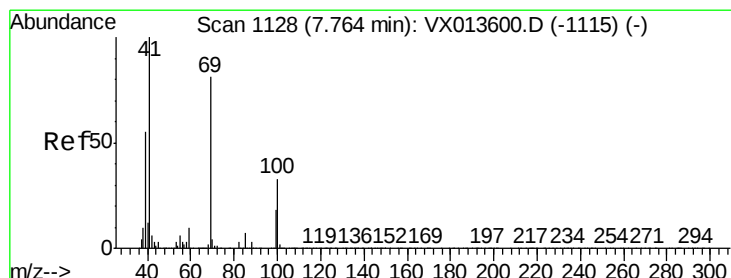
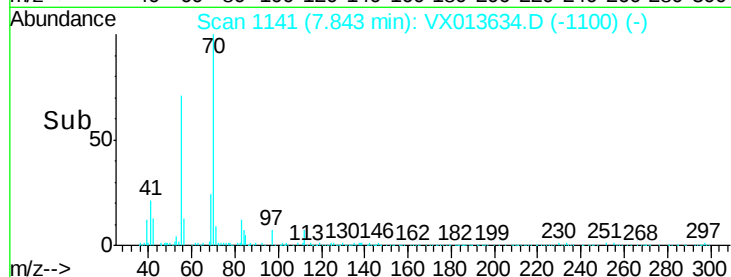
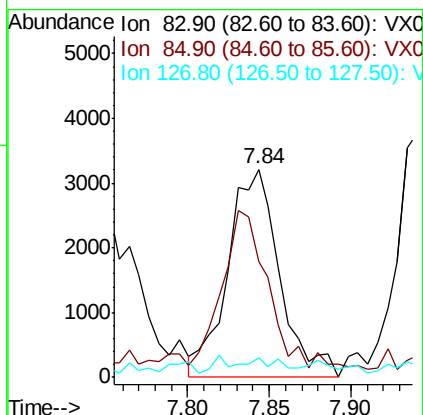
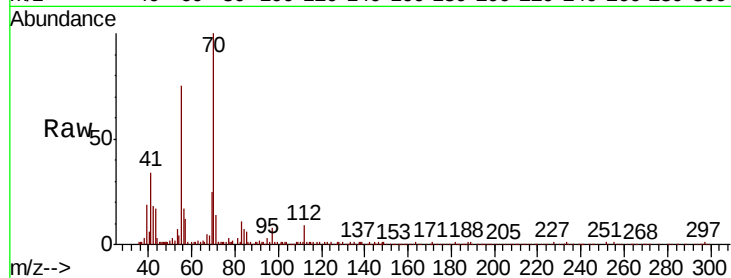
Tot Ion: 83 Resp: 7061

Ion Ratio Lower Upper

83 100

85 49.5 52.1 78.1#

127 5.5 7.0 10.4#



#48

Methyl methacrylate

Concen: 6.789 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

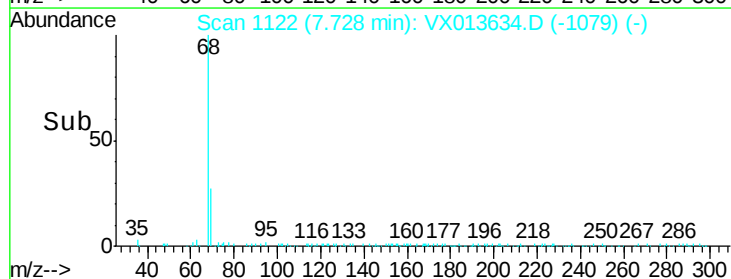
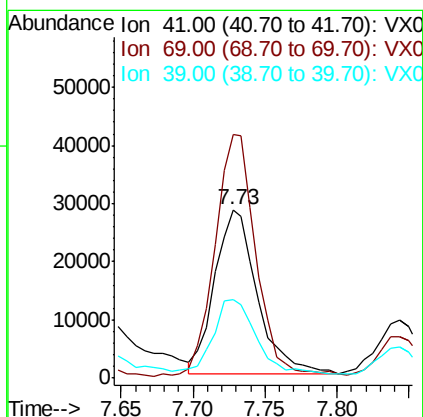
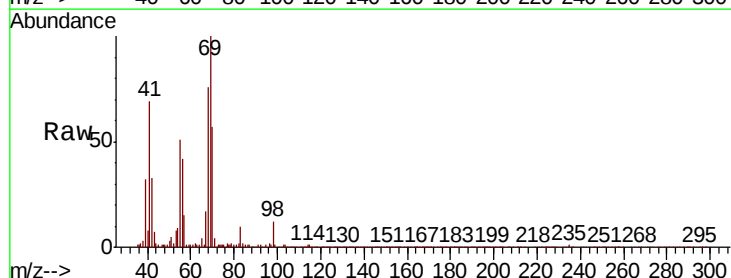
Tgt Ion: 41 Resp: 58327

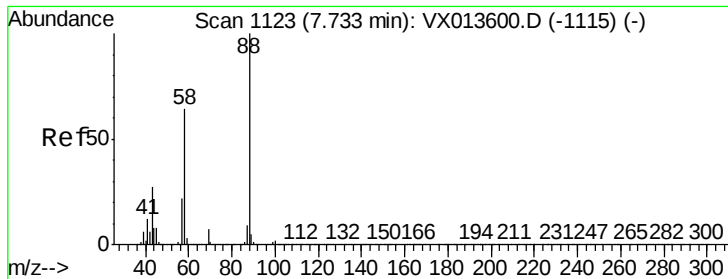
Ion Ratio Lower Upper

41 100

69 141.0 64.7 97.1#

39 46.9 43.8 65.6

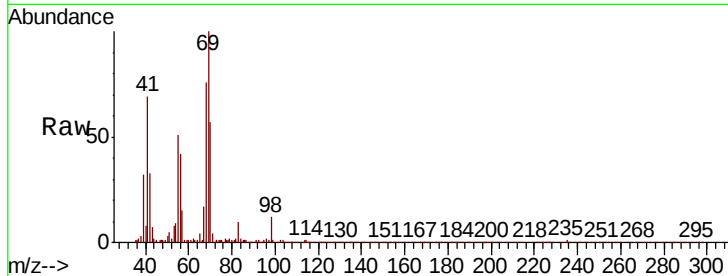




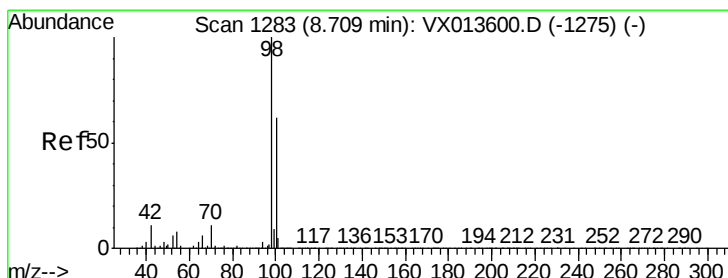
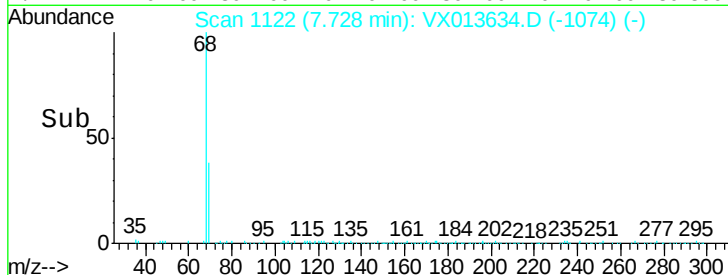
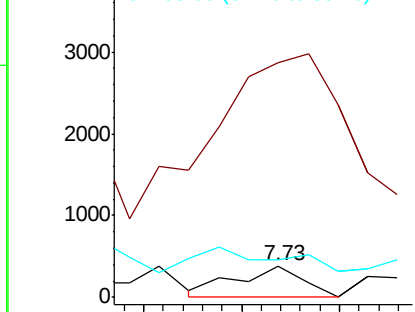
#49
1,4-Dioxane
Concen: 1.893 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 364
Ion Ratio Lower Upper
88 100
43 1774.2 25.8 38.6#
58 108.8 54.6 82.0#

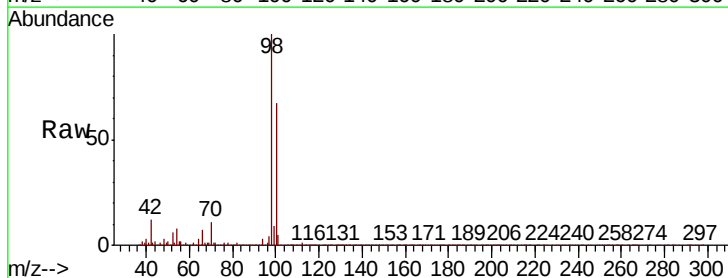


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

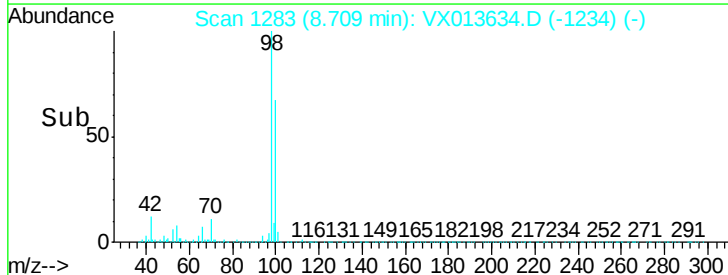
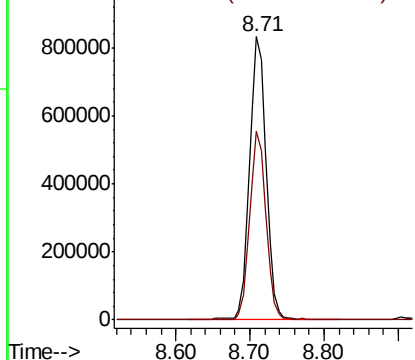


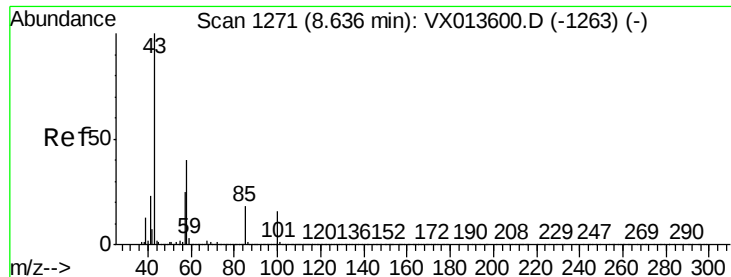
#50
Toluene-d8
Concen: 51.508 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion: 98 Resp: 1308471
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.980 ug/l

RT: 8.67 min Scan# 1277

Delta R.T. 0.04 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

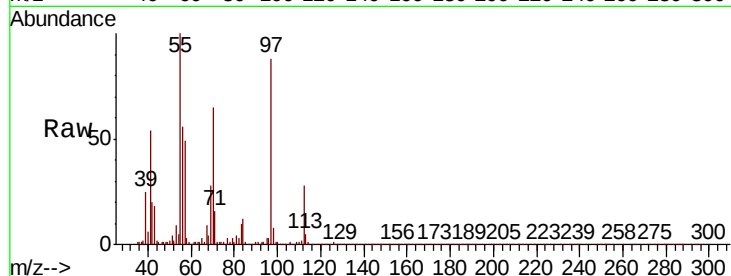
ClientSampled :

Tot Ion: 43 Resp: 10897

Ion Ratio Lower Upper

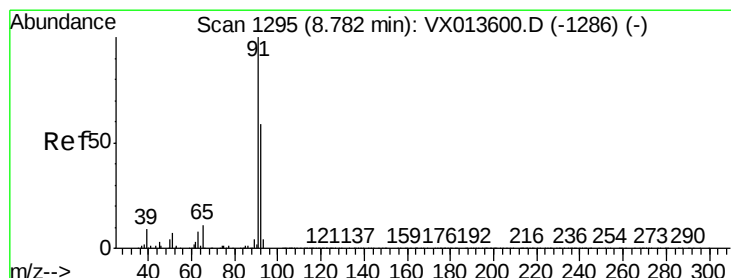
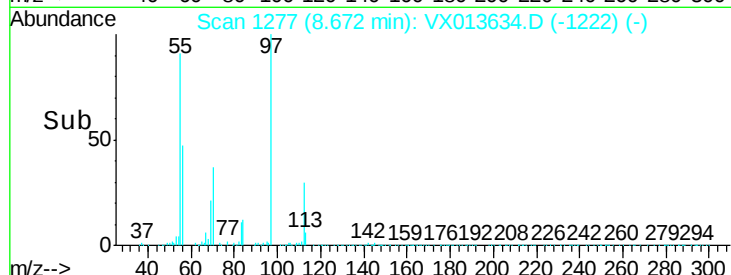
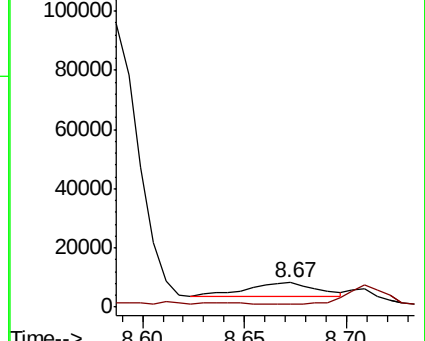
43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 264.234 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013634.D

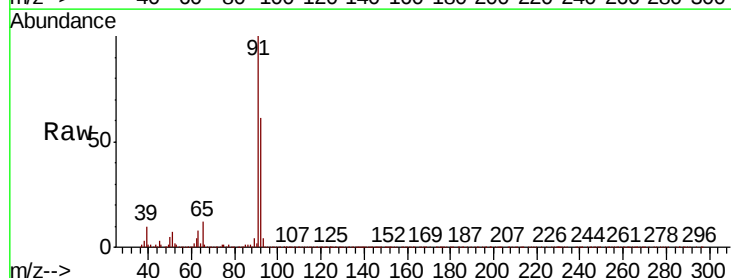
Acq: 27 Nov 2019 05:48

Tgt Ion: 92 Resp: 4786455

Ion Ratio Lower Upper

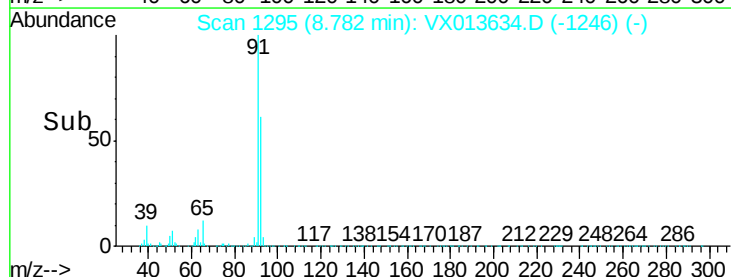
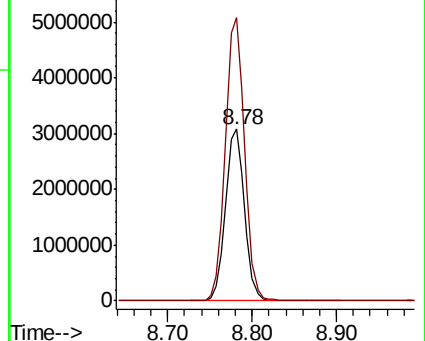
92 100

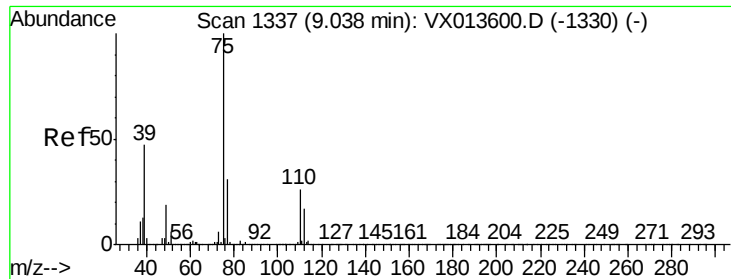
91 167.3 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.896 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.26 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

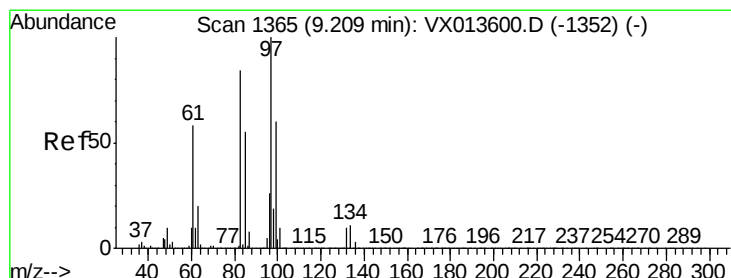
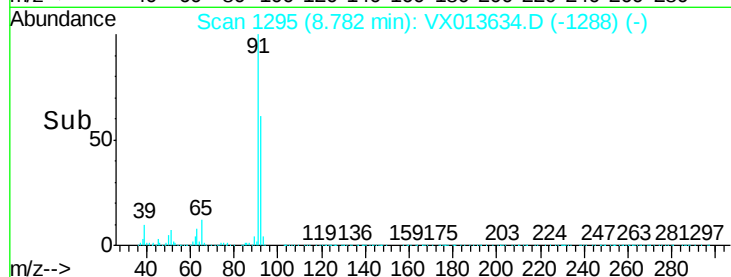
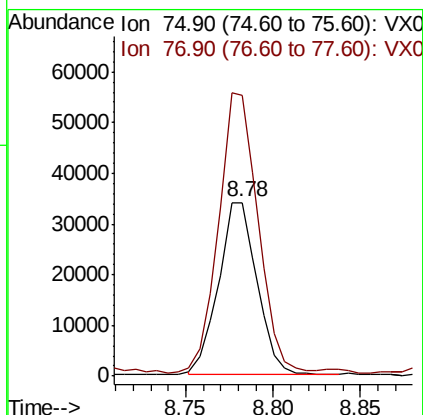
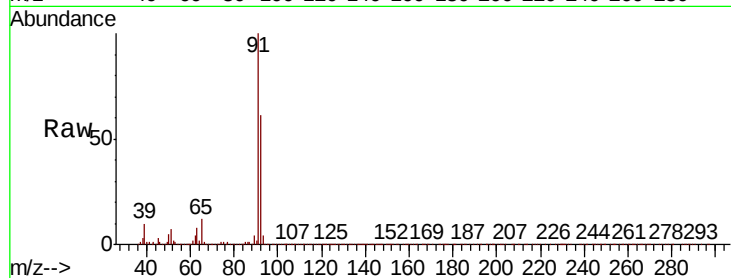
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 52202

Ion Ratio Lower Upper

75 100

77 159.5 24.4 36.6#



#55

1,1,2-Trichloroethane

Concen: 11.518 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Tgt Ion: 97 Resp: 84080

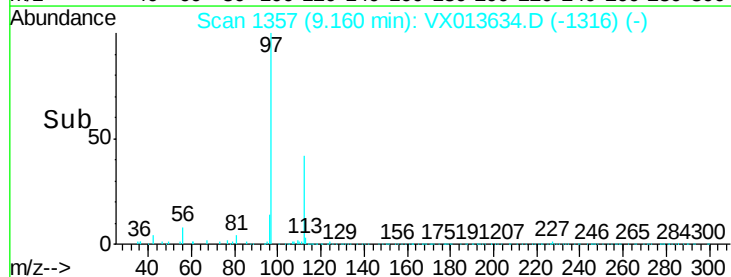
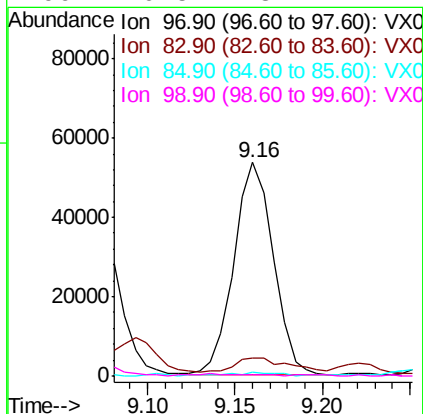
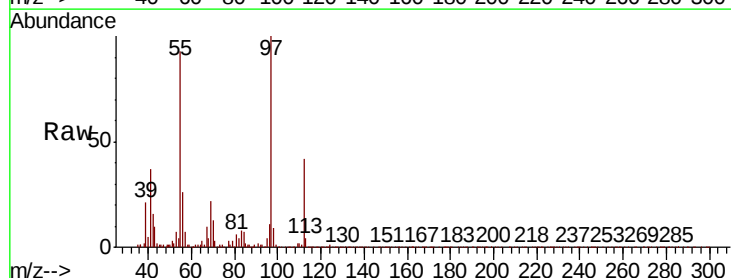
Ion Ratio Lower Upper

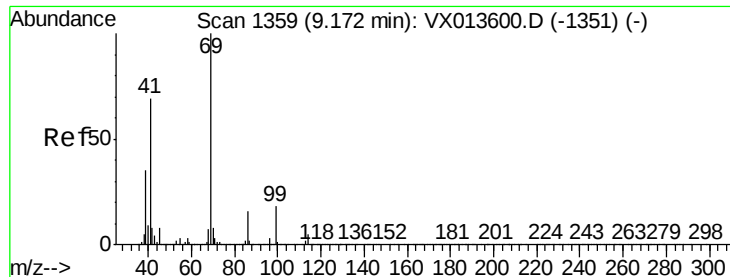
97 100

83 6.0 67.3 100.9#

85 1.0 43.6 65.4#

99 0.5 48.2 72.4#





#56

Ethyl methacrylate

Concen: 2.156 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampled :

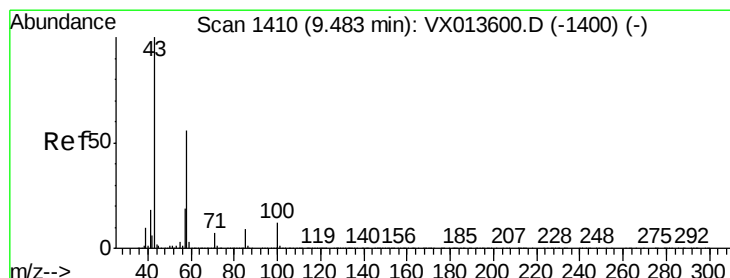
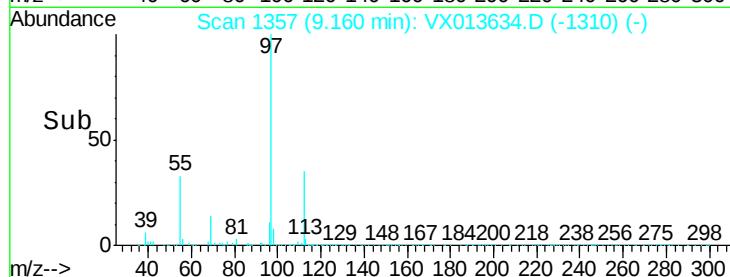
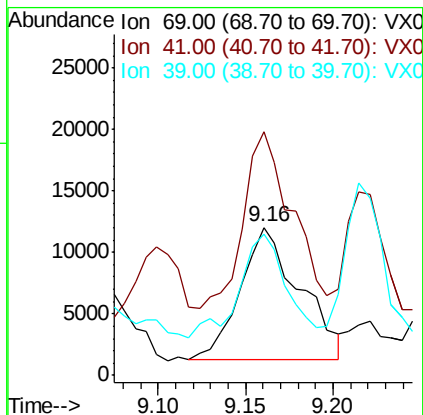
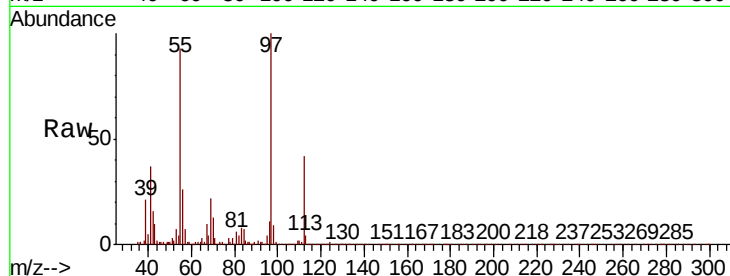
Tot Ion: 69 Resp: 25298

Ion Ratio Lower Upper

69 100

41 107.9 55.0 82.4#

39 61.4 28.7 43.1#



#59

2-Hexanone

Concen: 1.636 ug/l

RT: 9.51 min Scan# 1414

Delta R.T. 0.02 min

Lab File: VX013634.D

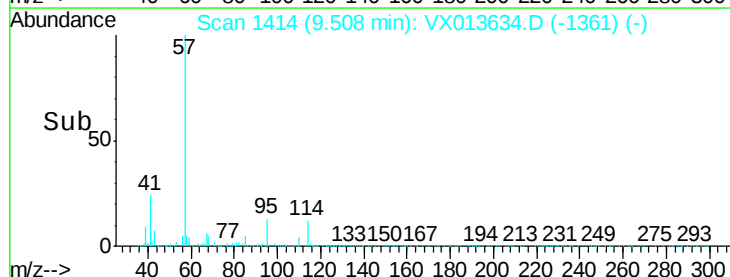
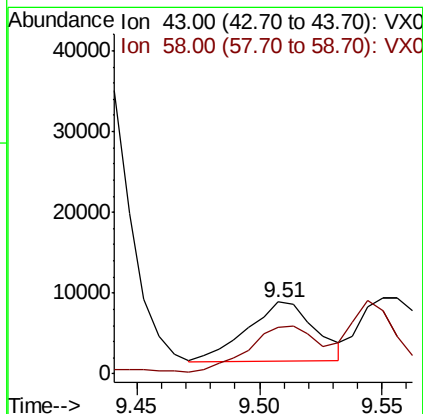
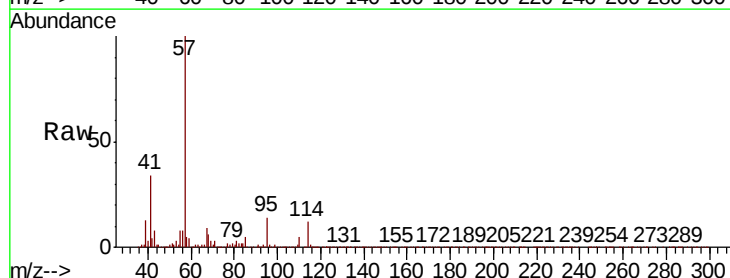
Acq: 27 Nov 2019 05:48

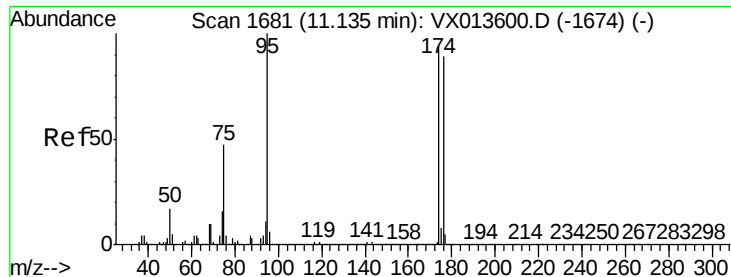
Tgt Ion: 43 Resp: 14192

Ion Ratio Lower Upper

43 100

58 76.2 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 50.398 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

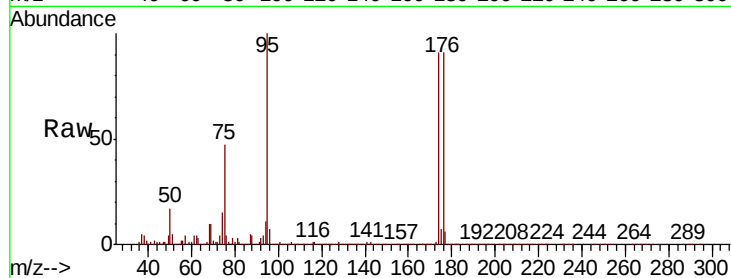
Tot Ion: 95 Resp: 461672

Ion Ratio Lower Upper

95 100

174 87.3 0.0 180.0

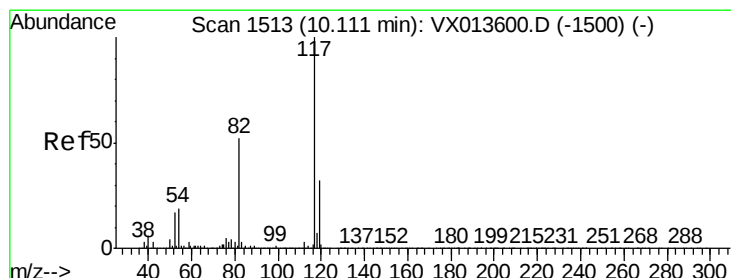
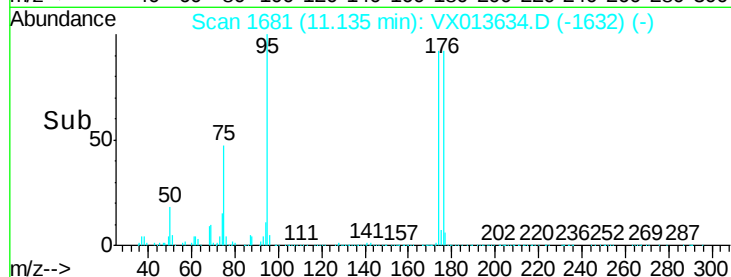
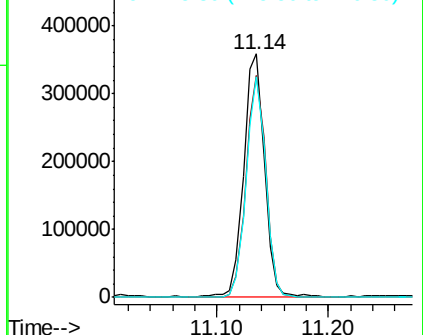
176 85.3 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

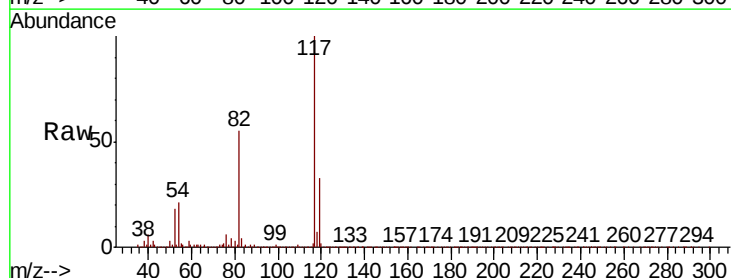
Tgt Ion: 117 Resp: 977773

Ion Ratio Lower Upper

117 100

82 54.5 41.8 62.8

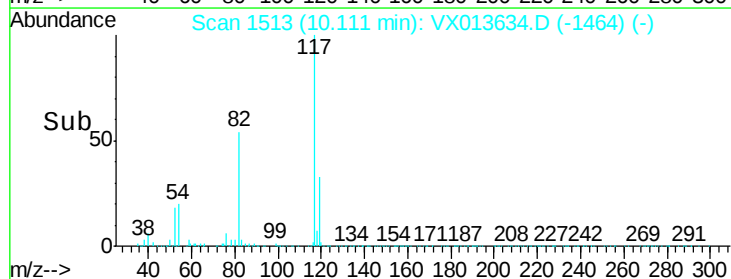
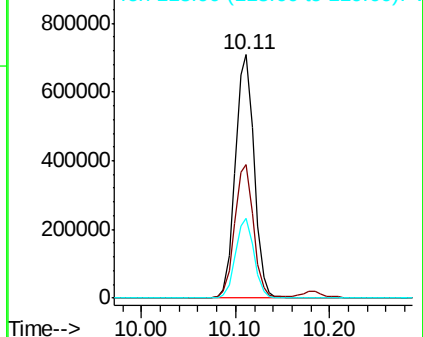
119 32.5 25.8 38.8

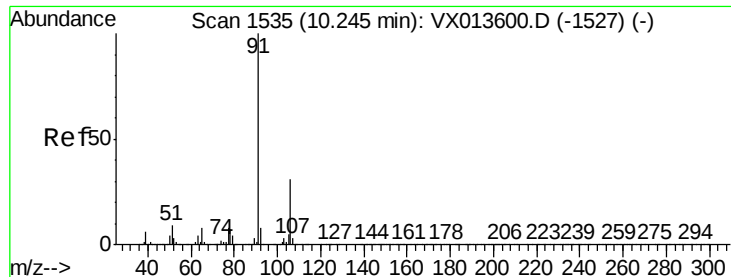


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 440.178 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

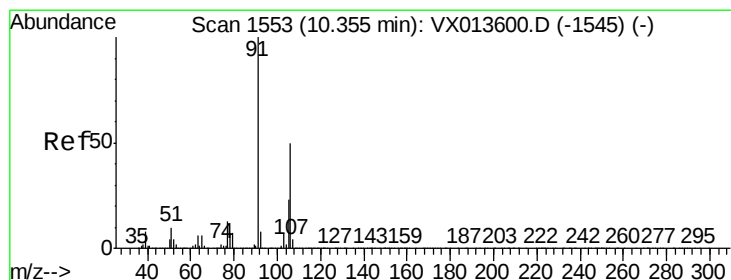
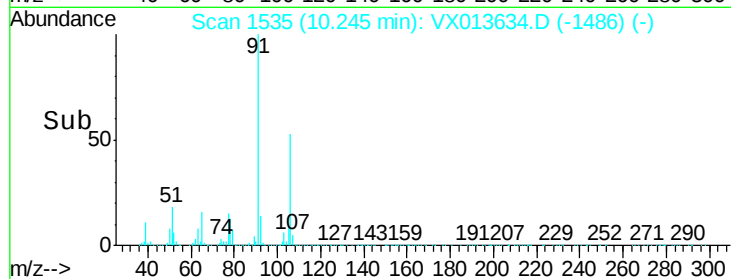
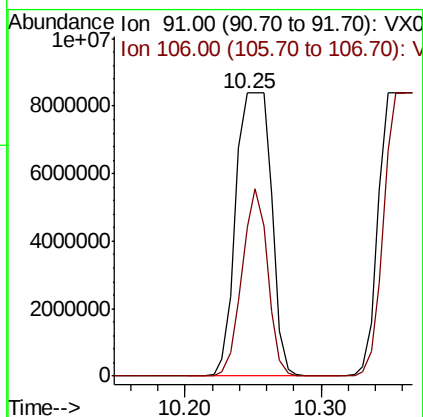
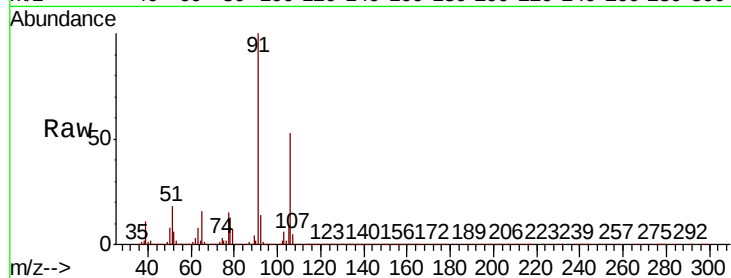
ClientSampleId :

Tot Ion: 91 Resp:15355264

Ion Ratio Lower Upper

91 100

106 52.7 24.5 36.7#



#68

m/p-Xylenes

Concen: 1385.223 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013634.D

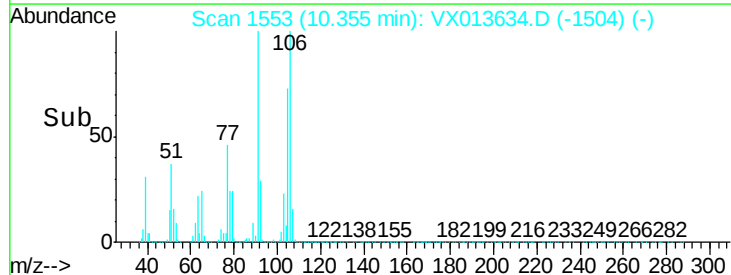
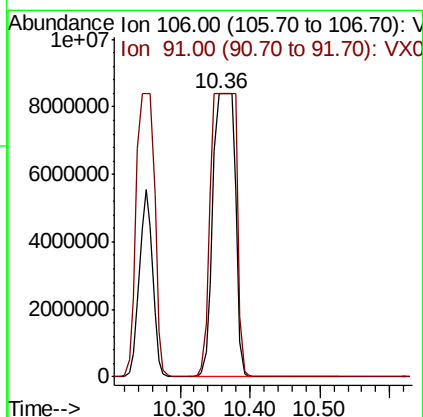
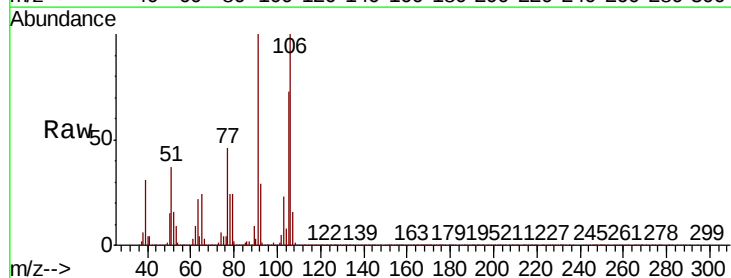
Acq: 27 Nov 2019 05:48

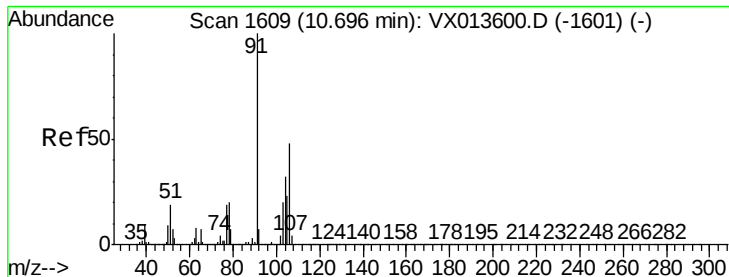
Tgt Ion:106 Resp:18500525

Ion Ratio Lower Upper

106 100

91 0.0 159.0 238.4#

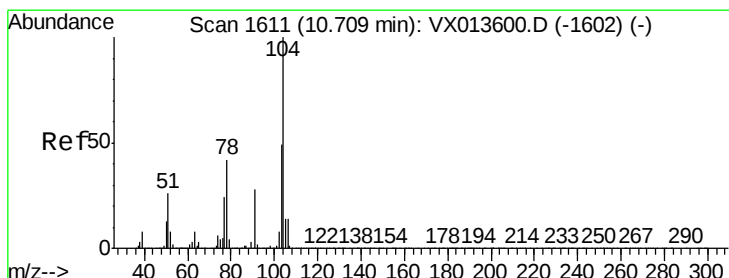
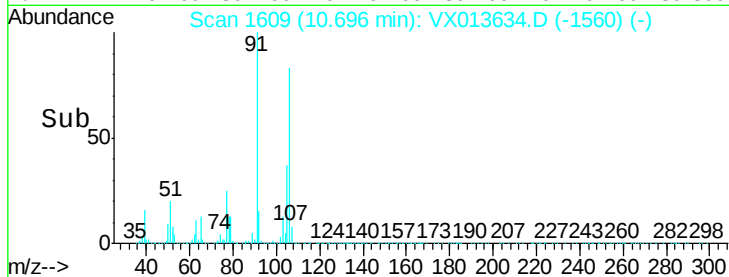
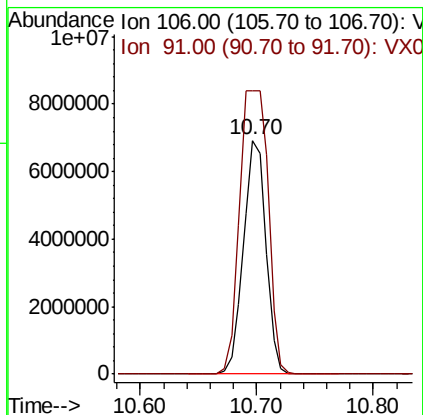
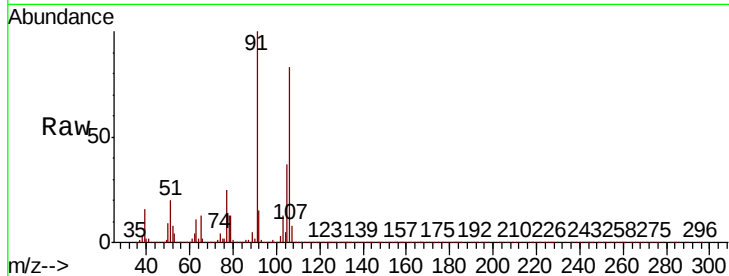




#69
o-Xylene
Concen: 719.827 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

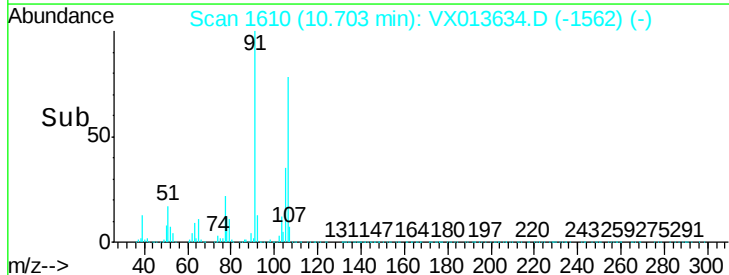
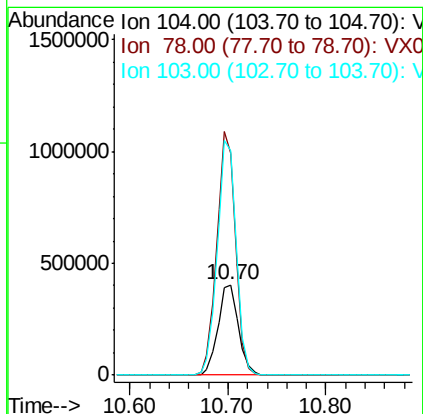
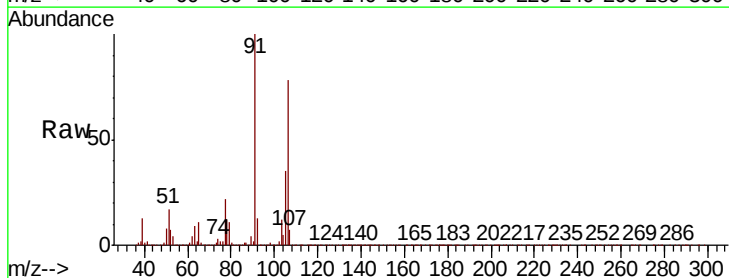
Instrument :
MSVOA_X
ClientSampleId :

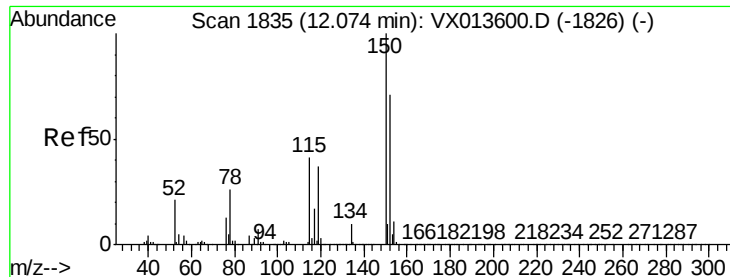
Tot Ion:106 Resp: 9376254
Ion Ratio Lower Upper
106 100
91 154.8 104.1 312.2



#70
Styrene
Concen: 26.696 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion:104 Resp: 584942
Ion Ratio Lower Upper
104 100
78 245.3 38.5 57.7#
103 239.9 43.7 65.5#



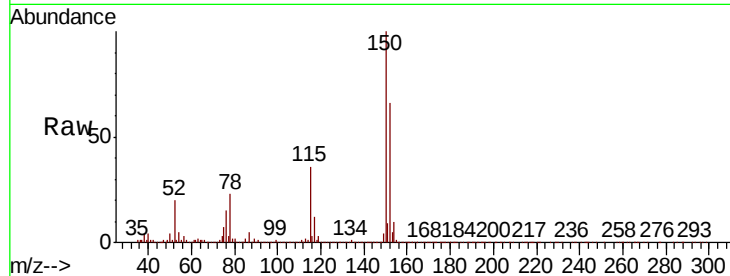


#72

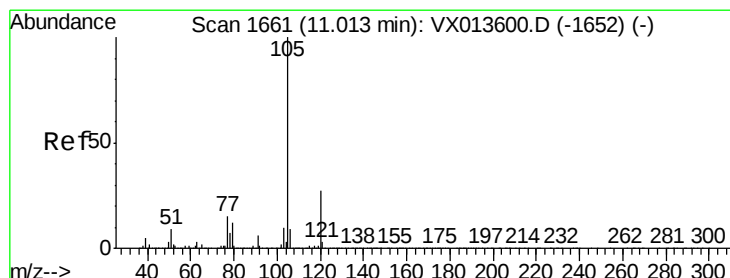
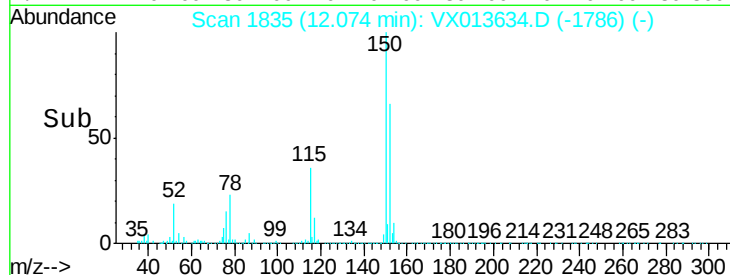
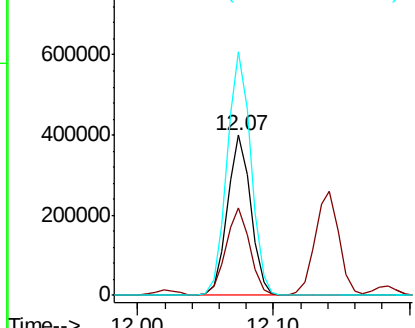
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.4	115.1
150	154.8	0.0	346.8



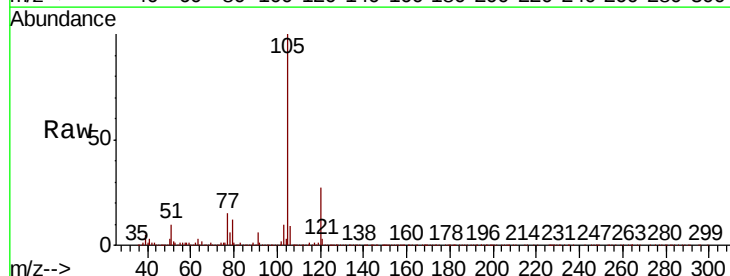
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



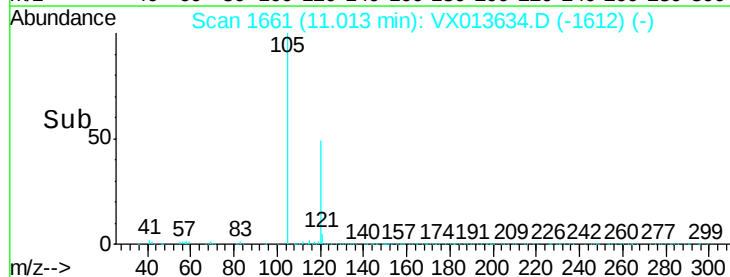
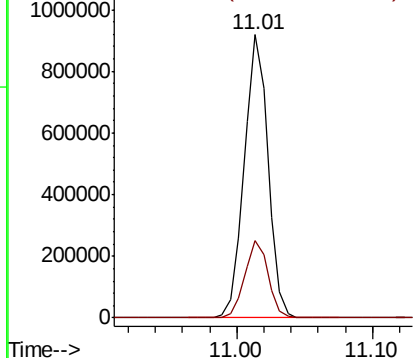
#73

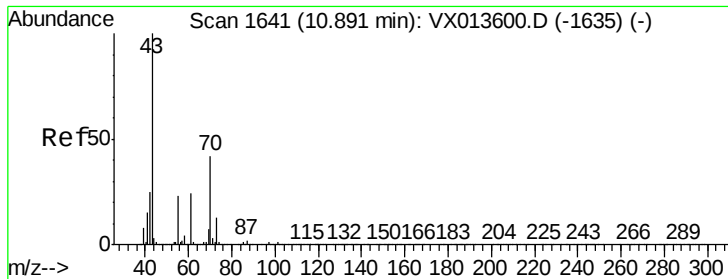
Isopropylbenzene
Concen: 33.492 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.328 ug/l

RT: 10.84 min Scan# 1632

Delta R.T. -0.05 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 5009

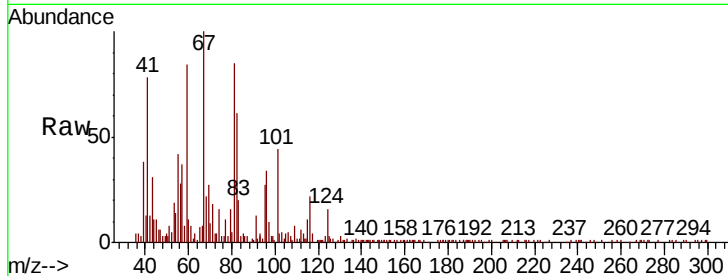
Ion Ratio Lower Upper

43 100

70 14.8 34.3 51.5#

55 0.0 18.5 27.7#

61 0.0 19.8 29.8#

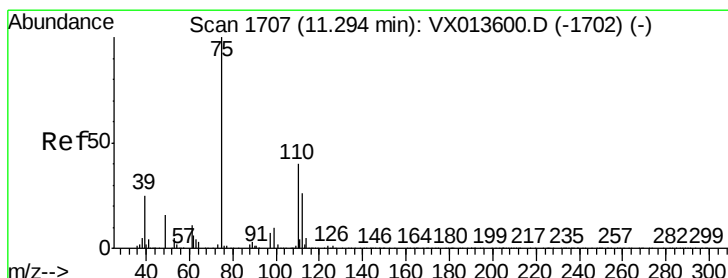
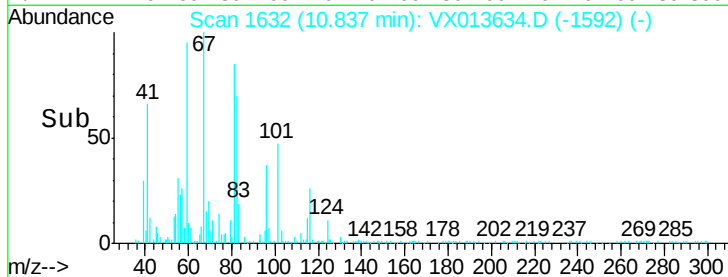
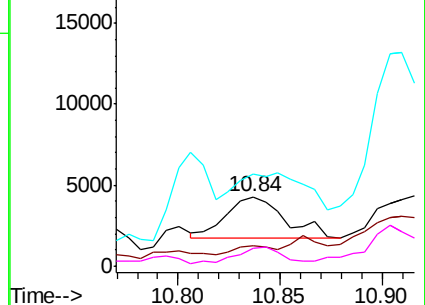


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 1.100 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013634.D

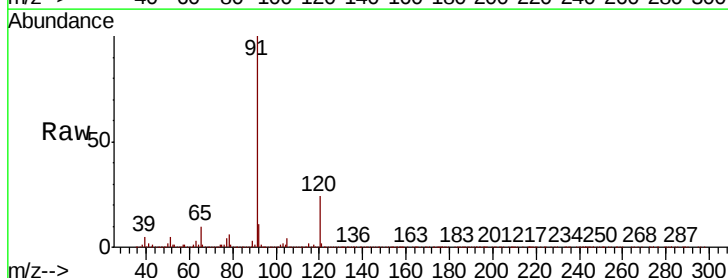
Acq: 27 Nov 2019 05:48

Tgt Ion: 75 Resp: 11760

Ion Ratio Lower Upper

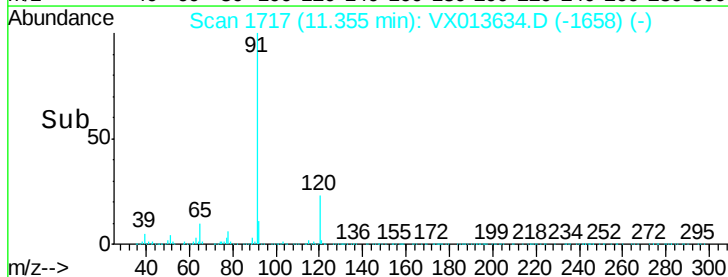
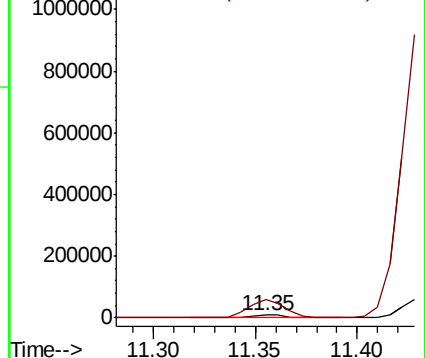
75 100

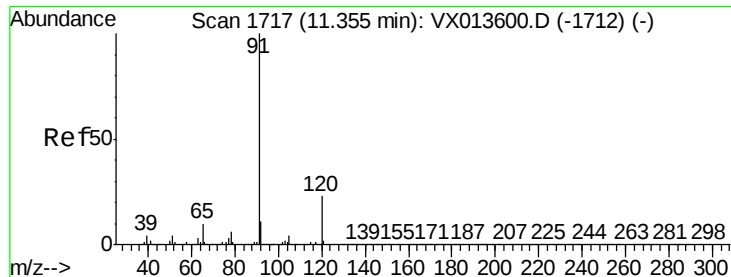
77 624.3 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 52.542 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

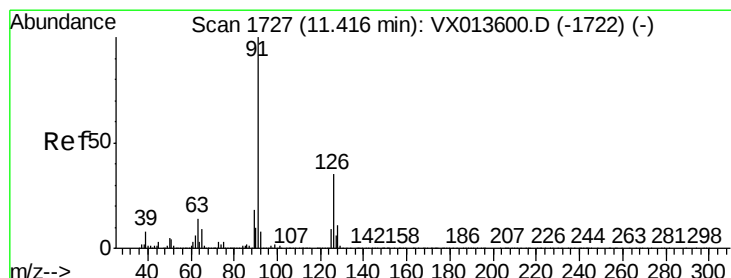
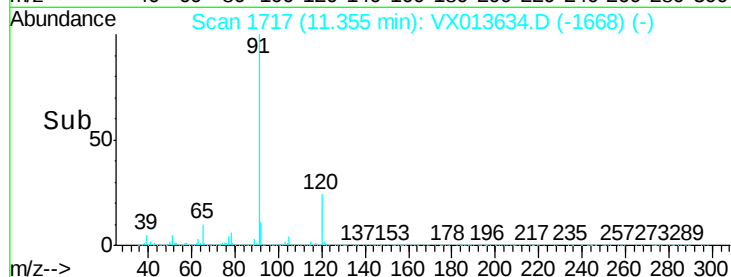
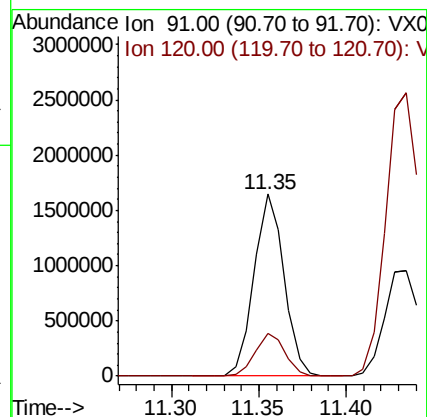
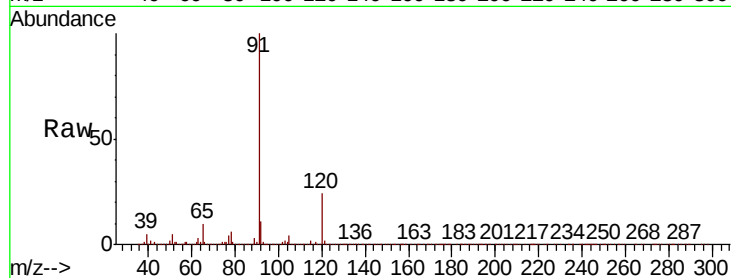
ClientSampleId :

Tot Ion: 91 Resp: 1956364

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



#79

2-Chlorotoluene

Concen: 76.487 ug/l

RT: 11.43 min Scan# 1730

Delta R.T. 0.02 min

Lab File: VX013634.D

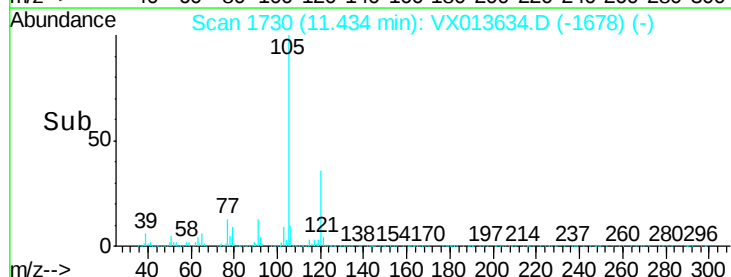
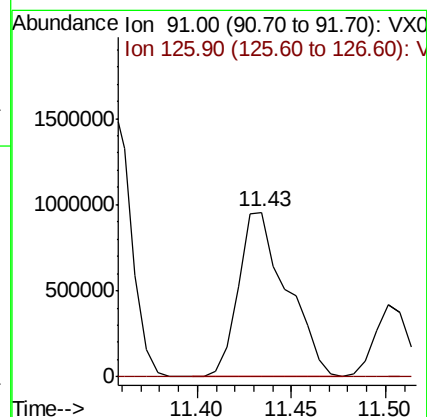
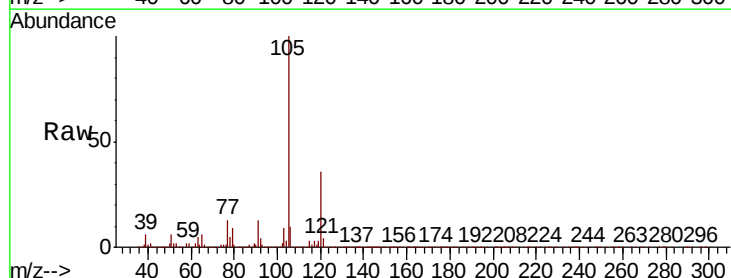
Acq: 27 Nov 2019 05:48

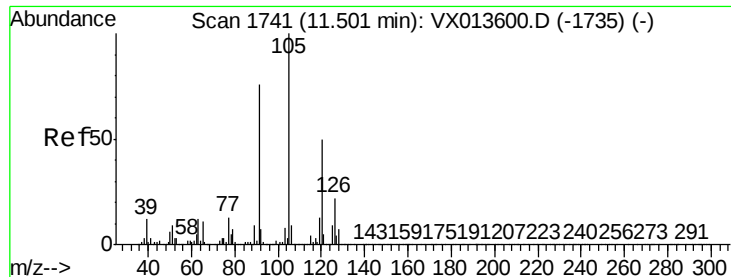
Tgt Ion: 91 Resp: 1708413

Ion Ratio Lower Upper

91 100

126 0.2 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 180.719 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

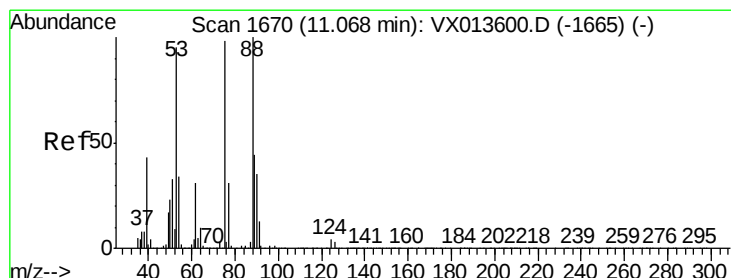
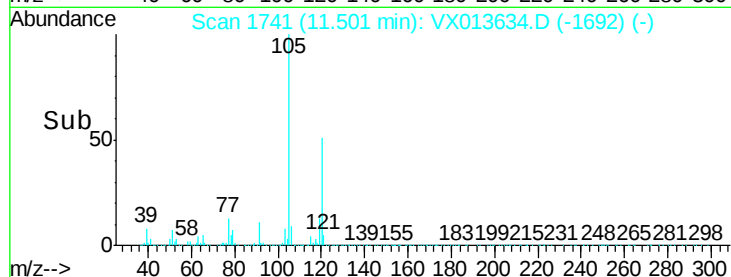
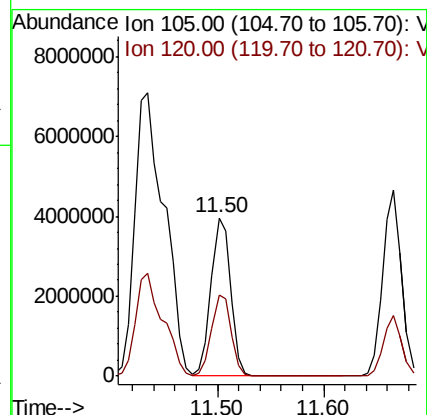
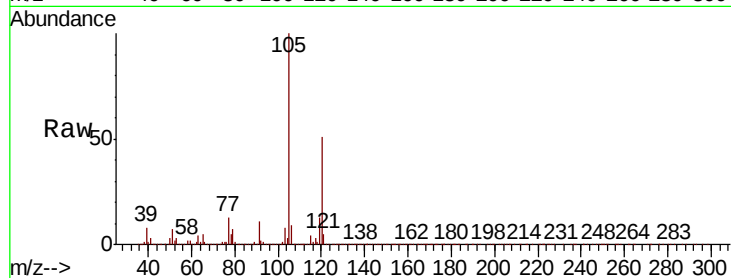
ClientSampleId :

Tot Ion:105 Resp: 4940380

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 3.295 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

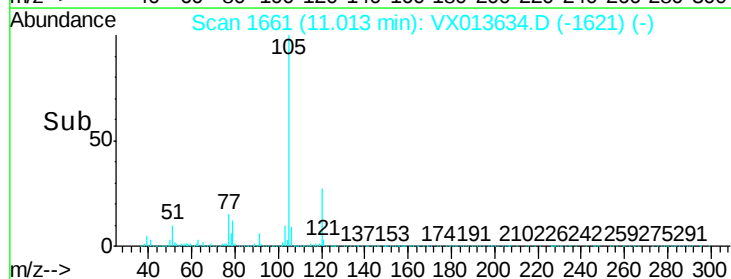
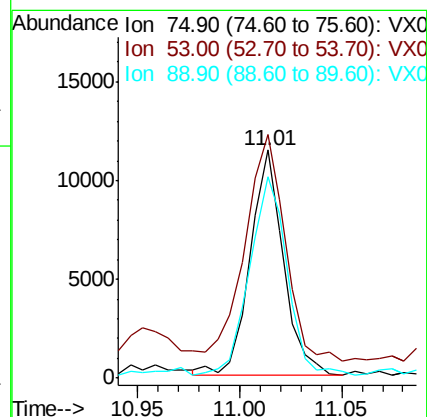
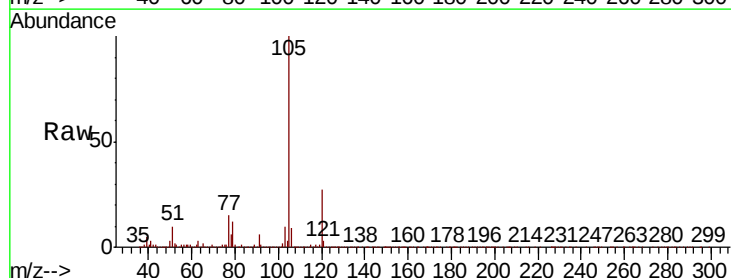
Tgt Ion: 75 Resp: 12881

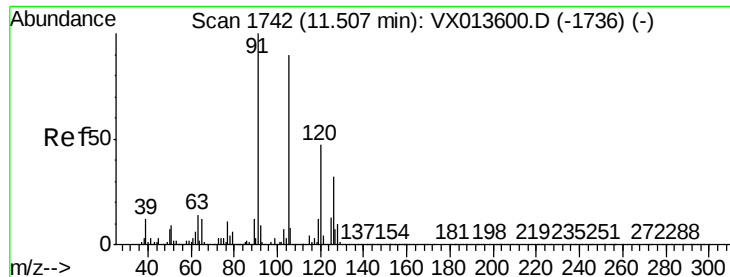
Ion Ratio Lower Upper

75 100

53 118.4 78.2 117.2#

89 100.6 35.4 53.2#

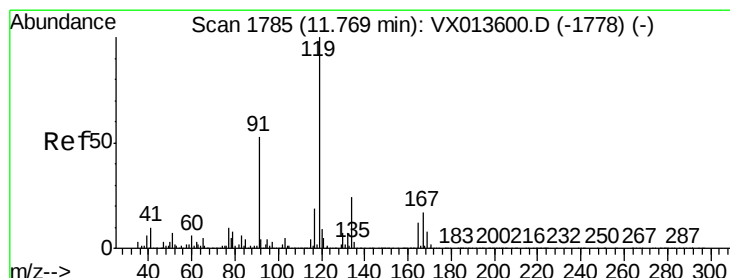
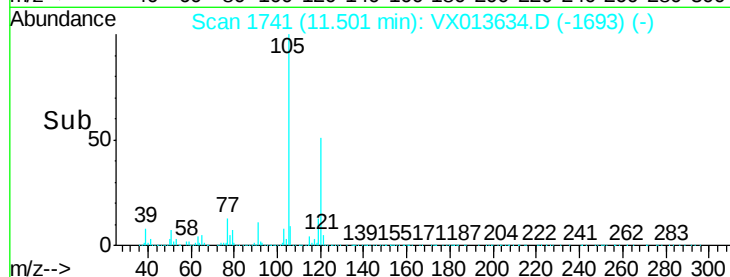
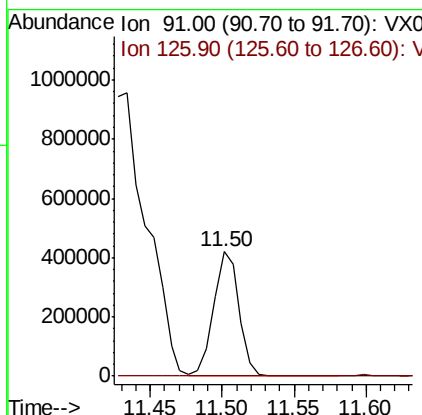
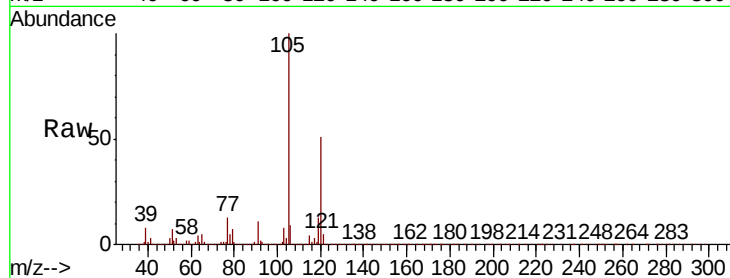




#82
4-Chlorotoluene
Concen: 19.821 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

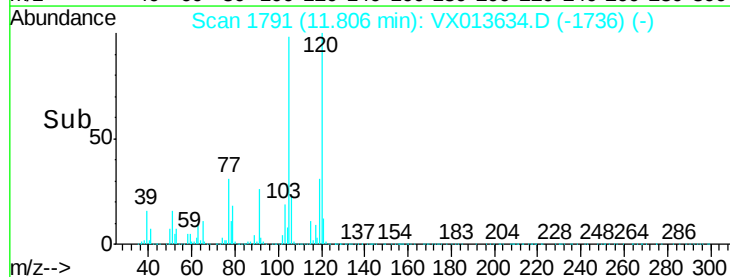
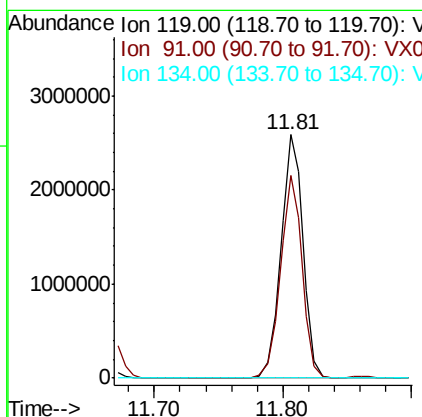
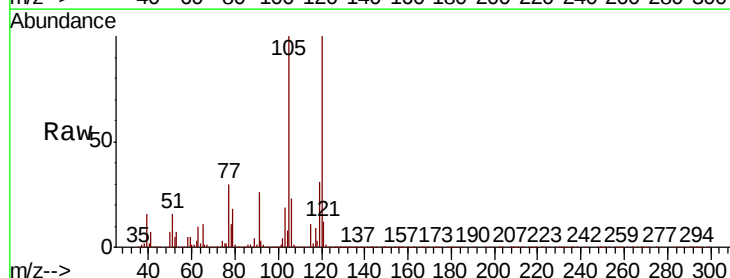
Instrument :
MSVOA_X
ClientSampleId :

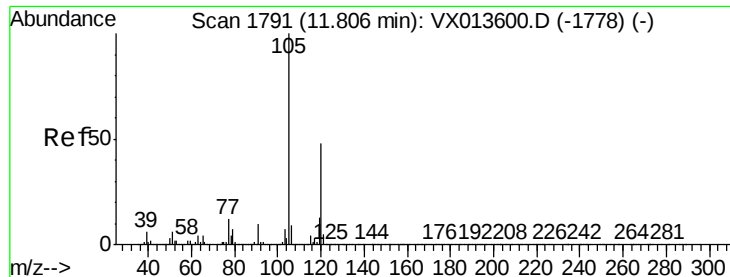
Tot Ion: 91 Resp: 512759
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.0#



#83
tert-Butylbenzene
Concen: 112.024 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion: 119 Resp: 3112335
Ion Ratio Lower Upper
119 100
91 81.3 27.2 81.6
134 0.0 11.7 35.1#



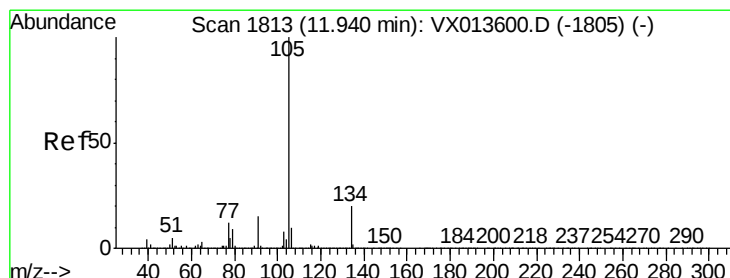
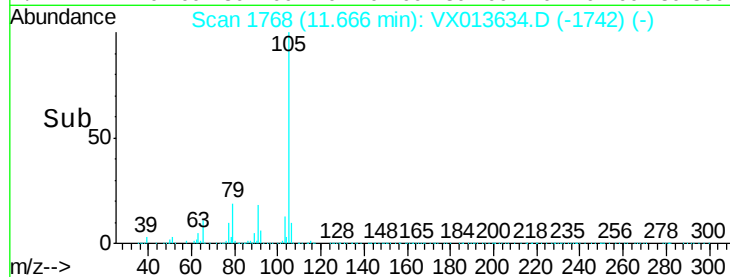
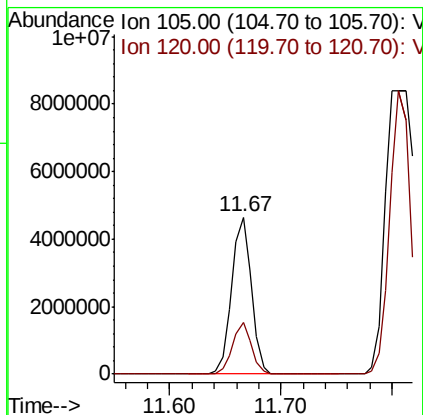
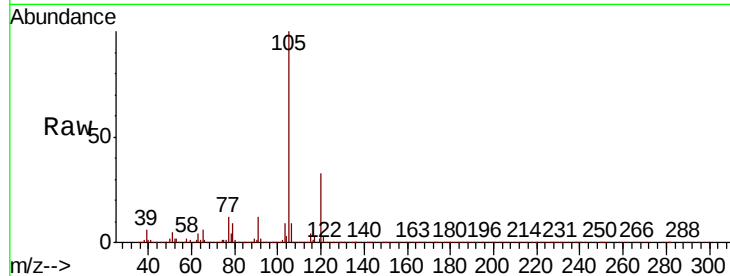


#84

1,2,4-Trimethylbenzene
Concen: 204.477 ug/l
RT: 11.67 min Scan# 1768
Delta R.T. -0.14 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :

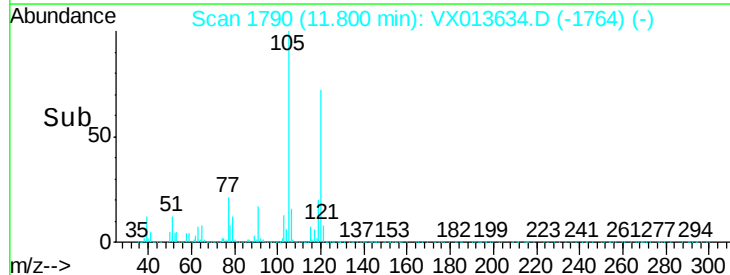
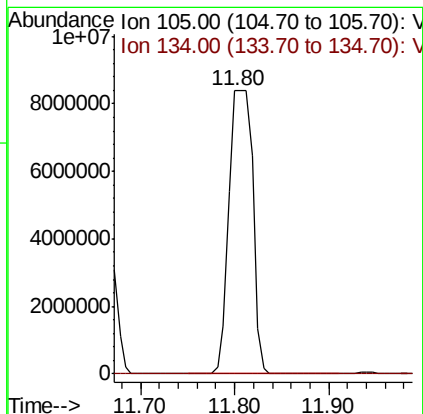
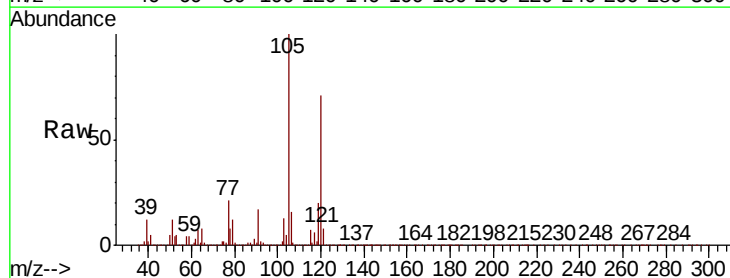
Tot Ion:105 Resp: 5673187
Ion Ratio Lower Upper
105 100
120 31.8 23.1 69.3

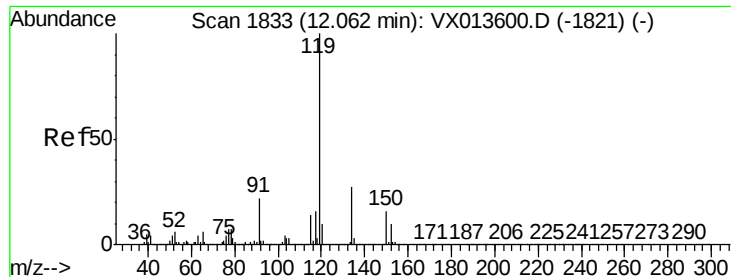


#85

sec-Butylbenzene
Concen: 463.609 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.14 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion:105 Resp:14712223
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#

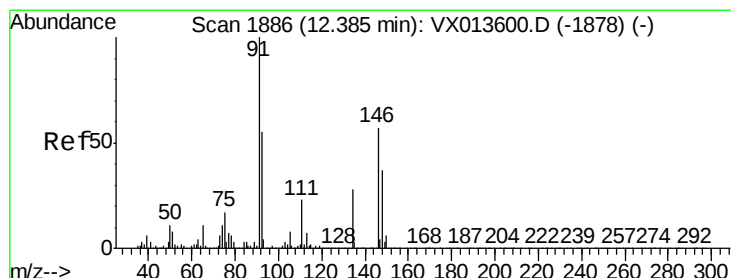
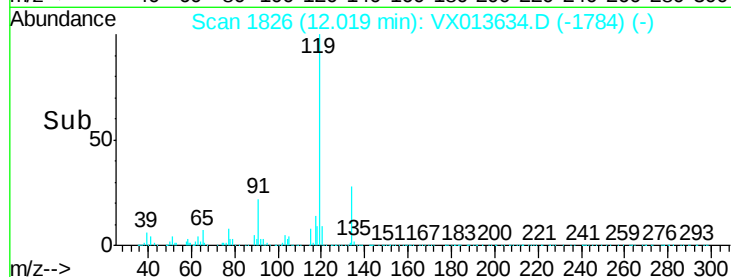
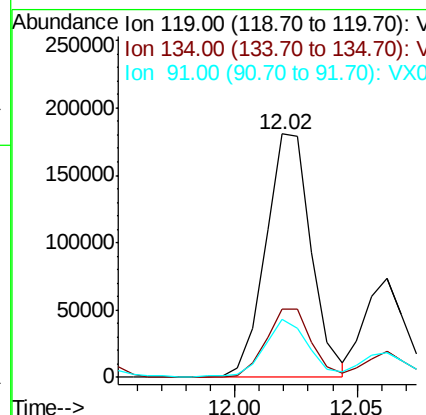
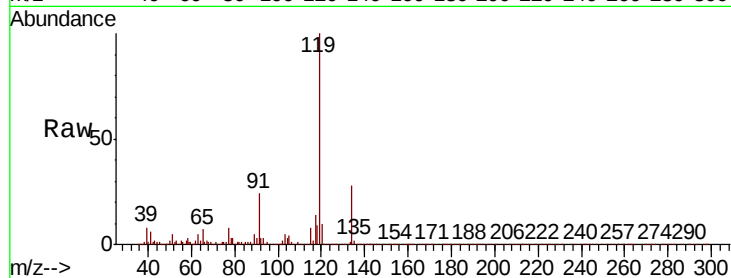




#86
p-Isopropyltoluene
Concen: 7.949 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

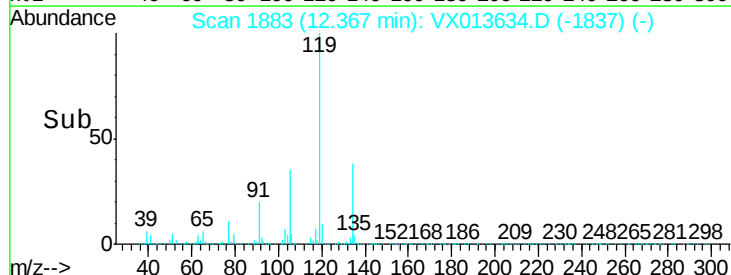
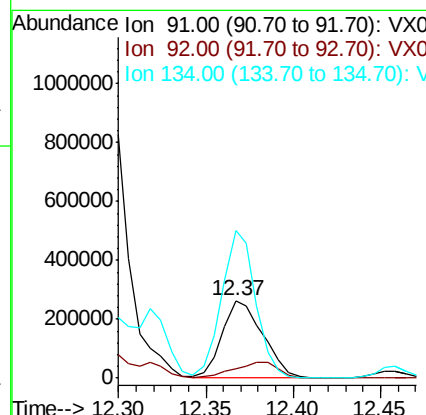
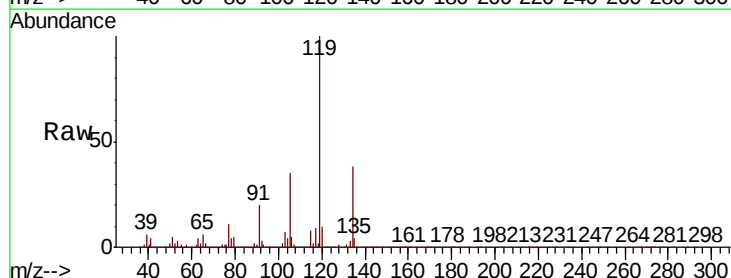
Instrument :
MSVOA_X
ClientSampled :

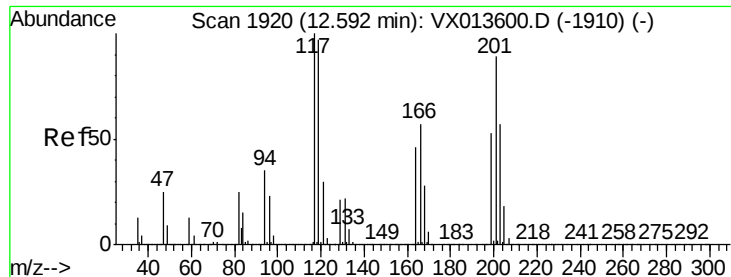
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.3	39.9
91	0.0	11.3	33.8#



#89
n-Butylbenzene
Concen: 16.858 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	23.0	27.4	82.2#
134	158.5	13.5	40.4#

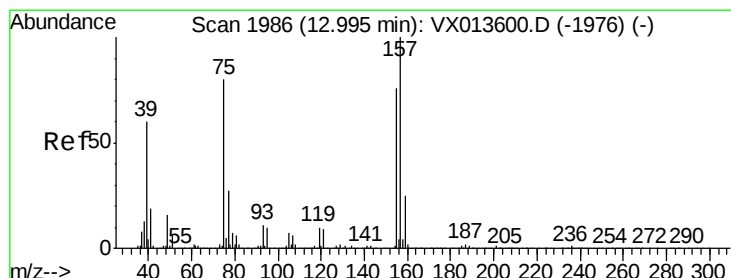
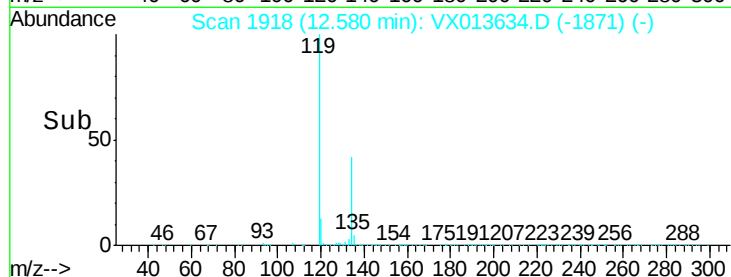
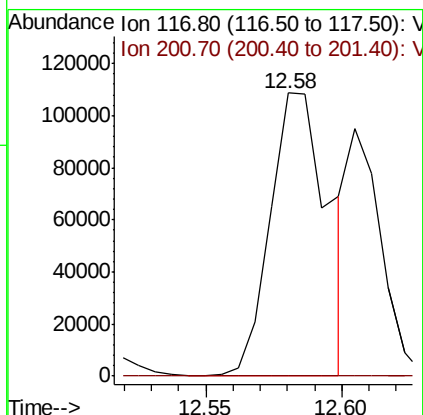
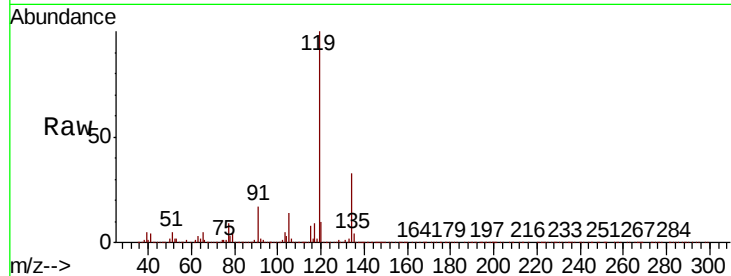




#90
Hexachloroethane
Concen: 30.053 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

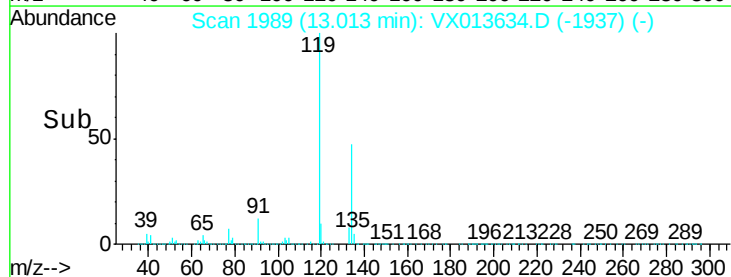
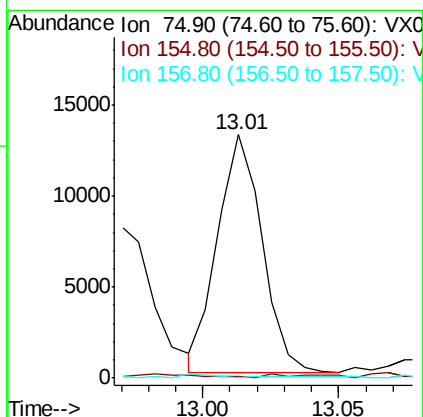
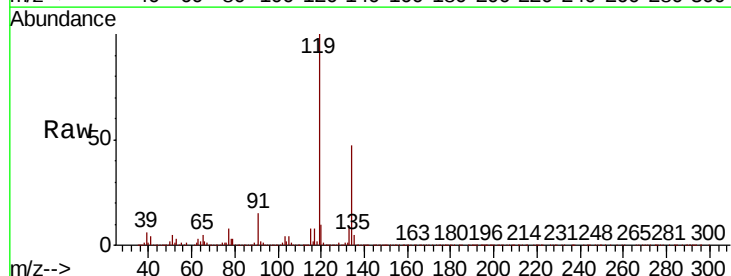
Instrument :
MSVOA_X
ClientSampleId :

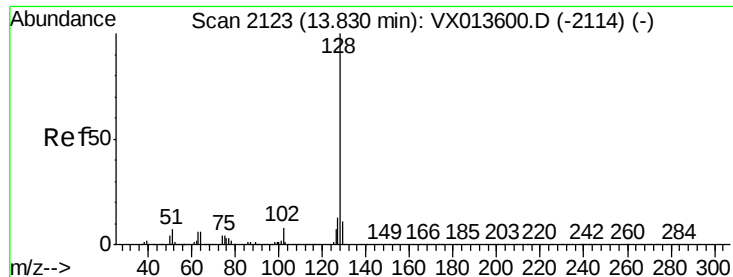
Tot Ion:117 Resp: 160368
Ion Ratio Lower Upper
117 100
201 0.1 44.1 132.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.865 ug/l
RT: 13.01 min Scan# 1989
Delta R.T. 0.02 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion: 75 Resp: 14774
Ion Ratio Lower Upper
75 100
155 2.5 47.6 142.8#
157 0.0 62.1 186.2#





#95
Naphthalene
Concen: 265.588 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 8554792
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.8 8.7 13.1

