

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007560.D
 Acq On : 15 Feb 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 03:40:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	96824	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	516413	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	463032	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	186235	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	11.13	95	211486	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.71	98	617889	29.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	101574	20.716	ug/l 100
3) Chloromethane	1.33	50	105338	19.548	ug/l 97
4) Vinyl Chloride	1.42	62	116296	19.187	ug/l 99
5) Bromomethane	1.64	94	110235	20.366	ug/l 96
6) Chloroethane	1.73	64	76066	18.462	ug/l 97
7) Trichlorofluoromethane	1.93	101	191239	20.128	ug/l 100
8) Diethyl Ether	2.20	74	71488	18.835	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111572	20.813	ug/l 97
10) 1,1-Dichloroethene	2.38	96	103253	19.411	ug/l 99
11) Methyl Iodide	2.52	142	123594	16.166	ug/l 95
12) Methyl Acetate	2.78	43	129016	17.587	ug/l 97
13) Acrolein	2.30	56	237976	185.971	ug/l 99
14) Acrylonitrile	3.15	53	311651	92.203	ug/l 99
15) Acetone	2.45	58	104304	113.707	ug/l 99
16) Carbon Disulfide	2.57	76	275052	19.499	ug/l 99
17) Allyl chloride	2.73	41	178087	19.540	ug/l 98
18) Methylene Chloride	2.86	84	112573	18.819	ug/l 96
19) trans-1,2-Dichloroethene	3.17	96	108576	19.084	ug/l 92
20) Diisopropyl ether	3.87	45	330694	19.200	ug/l 97
21) 1,1-Dichloroethane	3.70	63	192944	19.982	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	124830	19.716	ug/l 99
23) tert-Butyl Alcohol	3.07	59	132547	93.299	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	345410	18.711	ug/l 99
25) Chloroform	5.21	83	195919	19.211	ug/l 100
26) Cyclohexane	5.58	56	166020	20.504	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	143902	19.977	ug/l 99
30) 2-Butanone	4.70	43	436490	102.392	ug/l 99
31) 2,2-Dichloropropane	4.59	77	143588	24.535	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	167543	19.459	ug/l 99
33) Carbon Tetrachloride	5.79	117	148774	19.547	ug/l 97
34) Benzene	6.15	78	433364	19.084	ug/l 98
35) Methacrylonitrile	5.06	41	82017	18.504	ug/l 99
36) 1,2-Dichloroethane	6.20	62	147525	19.089	ug/l 100
37) Trichloroethene	7.21	130	127435	19.519	ug/l 97
38) Methylcyclohexane	7.46	83	183842	22.047	ug/l 99
39) 1,2-Dichloropropane	7.52	63	109356	19.361	ug/l 99
40) Dibromomethane	7.66	93	76638	18.787	ug/l 95

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	135933	18.777	ug/l	98
42) Vinyl Acetate	3.82	43	1472251	98.668	ug/l	99
43) Ethyl Acetate	4.85	43	157123	19.247	ug/l #	81
44) Isopropyl Acetate	6.46	43	242620	19.249	ug/l	99
45) 1,4-Dioxane	7.75	88	58552	393.613	ug/l	96
46) Methyl methacrylate	7.77	41	121877	19.095	ug/l	97
47) n-amyl Acetate	10.90	43	213704	19.236	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	146079	19.546	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	161650	19.424	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	116738	19.626	ug/l	92
51) Ethyl methacrylate	9.18	69	162689	18.866	ug/l	98
52) 1,3-Dichloropropane	9.37	76	182326	19.003	ug/l	100
53) Dibromochloromethane	9.59	129	116848	18.887	ug/l	100
54) 1,2-Dibromoethane	9.67	107	124073	19.050	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	456287	104.077	ug/l	100
56) Bromoform	10.85	173	85245	18.267	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	794191	95.357	ug/l	99
59) 2-Hexanone	9.49	43	619094	97.863	ug/l	99
61) Tetrachloroethene	9.34	164	132715	20.190	ug/l	97
62) Toluene	8.78	91	485686	19.260	ug/l	98
64) Chlorobenzene	10.14	112	315907	19.277	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	114312	19.258	ug/l	99
66) Ethyl Benzene	10.25	91	524559	19.602	ug/l	100
67) m/p-Xylenes	10.36	106	410894	39.148	ug/l	100
68) o-Xylene	10.69	106	196965	19.241	ug/l	100
69) Styrene	10.71	104	318970	19.309	ug/l	99
70) Isopropylbenzene	11.02	105	534544	19.793	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	169781	19.018	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	190685	23.361	ug/l	92
73) Bromobenzene	11.26	156	144510	19.599	ug/l	99
74) n-propylbenzene	11.36	91	607712	20.266	ug/l	100
75) 2-Chlorotoluene	11.42	91	353551	19.719	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	441226	20.014	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	45756	19.420	ug/l	95
78) 4-Chlorotoluene	11.51	91	402036	19.645	ug/l	99
79) tert-butylbenzene	12.06	119	475224	20.301	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	447772	20.009	ug/l	100
81) sec-Butylbenzene	11.94	105	535906	20.356	ug/l	100
82) p-Isopropyltoluene	12.06	119	475224	20.301	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	259641	20.031	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	255561	19.757	ug/l	99
85) n-Butylbenzene	12.38	91	402952	20.744	ug/l	99
86) Hexachloroethane	12.60	117	77817	20.022	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	252669	19.421	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	34311	18.416	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	174390	20.409	ug/l	100
90) Hexachlorobutadiene	13.78	225	85104	21.317	ug/l	97
91) Naphthalene	13.83	128	527895	19.371	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	171632	19.759	ug/l	99

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QLast Update : Wed Feb 13 07:51:18 2019
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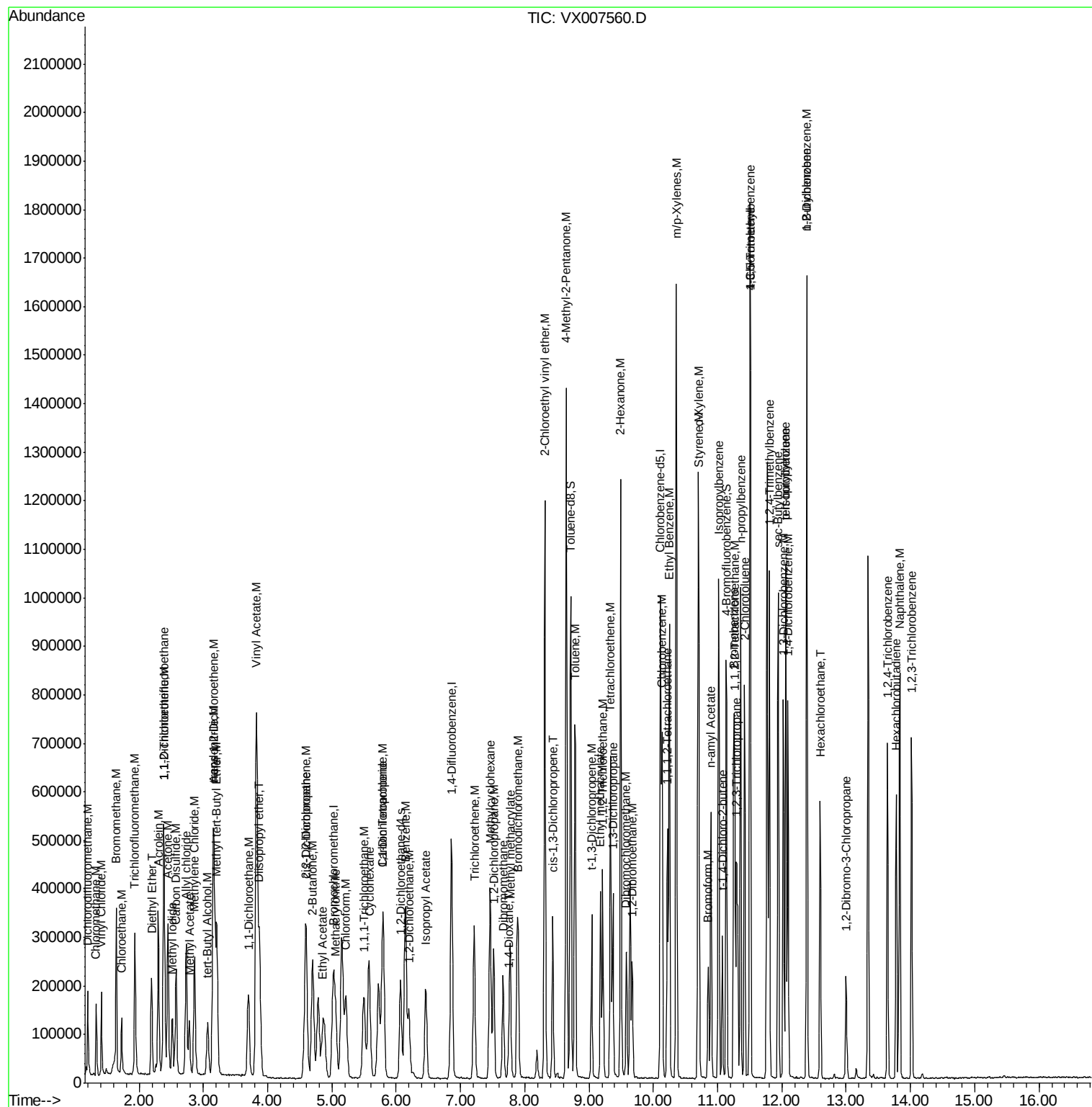
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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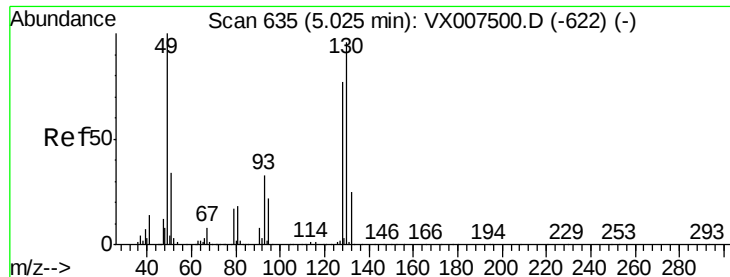
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX021619\
Data File : VX007560.D
Acq On : 15 Feb 2019 11:09
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Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Feb 16 03:40:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampleId :

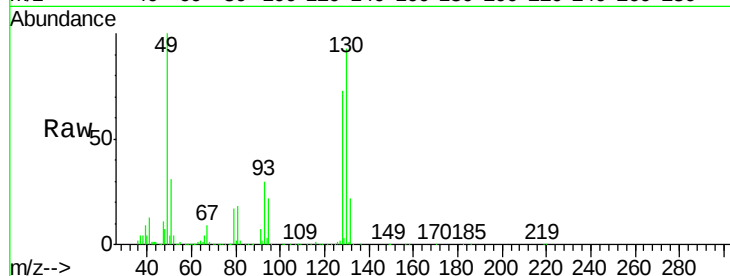
Tot Ion:128 Resp: 96824

Ion Ratio Lower Upper

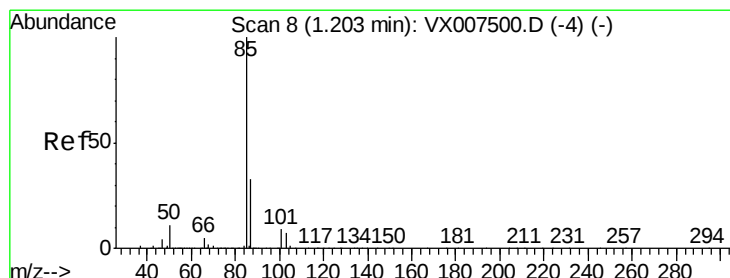
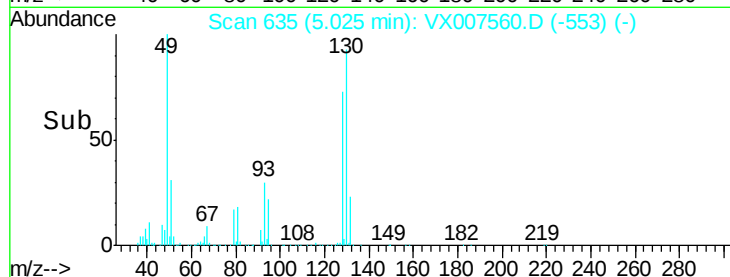
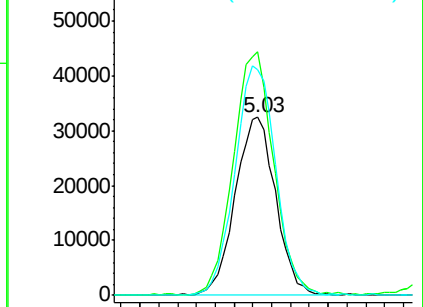
128 100

49 136.4 0.0 350.8

130 129.9 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.716 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007560.D

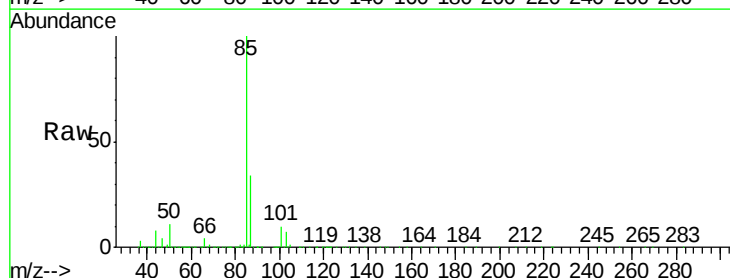
Acq: 15 Feb 2019 11:09

Tgt Ion: 85 Resp: 101574

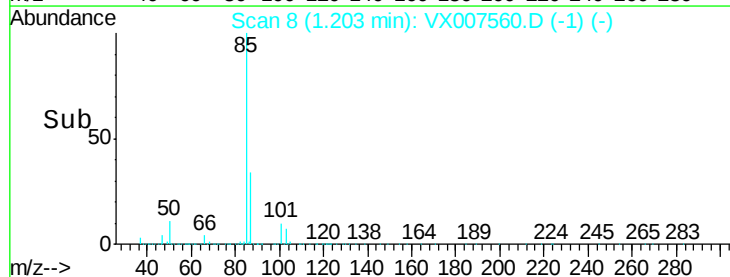
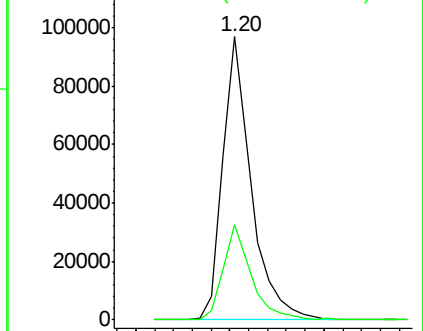
Ion Ratio Lower Upper

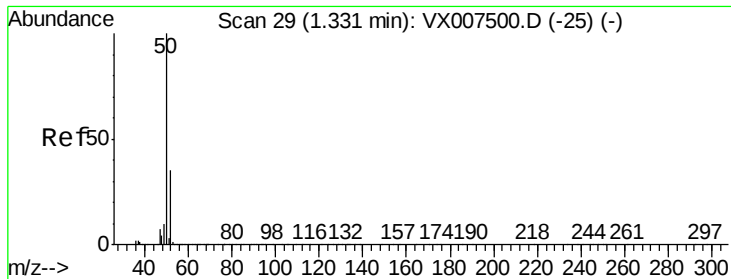
85 100

87 33.4 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

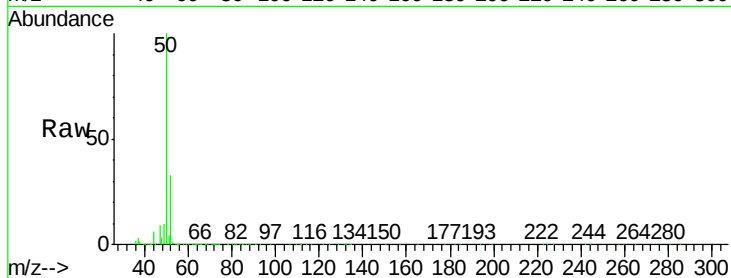
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 105338

Ion Ratio Lower Upper

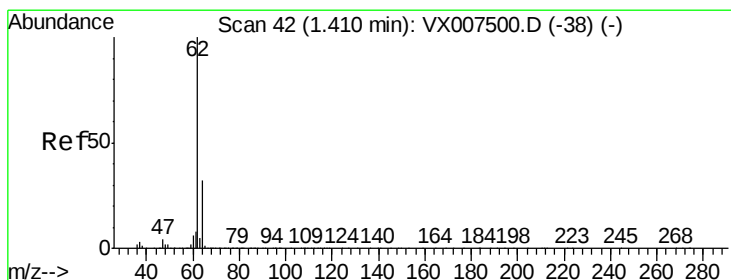
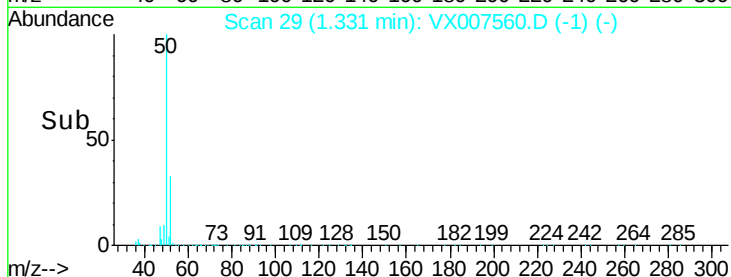
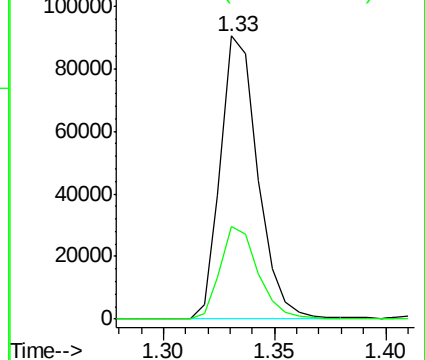
50 100

52 32.6 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.187 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007560.D

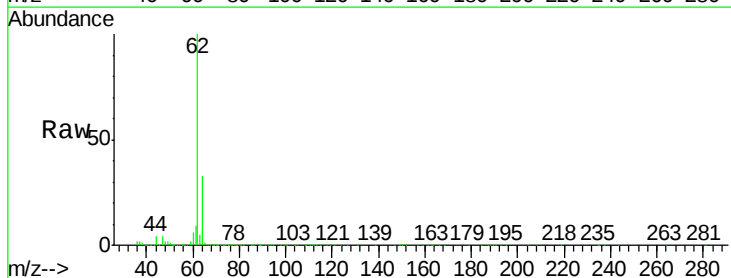
Acq: 15 Feb 2019 11:09

Tgt Ion: 62 Resp: 116296

Ion Ratio Lower Upper

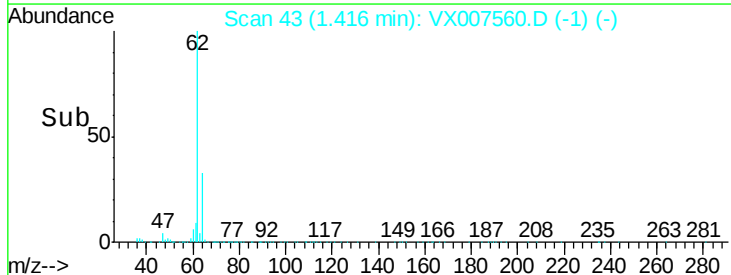
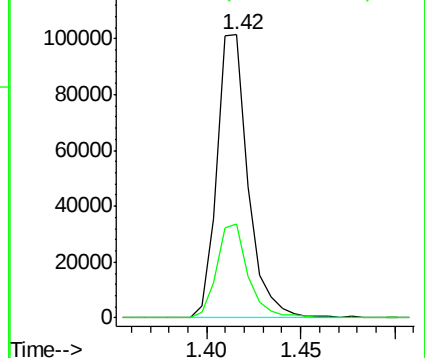
62 100

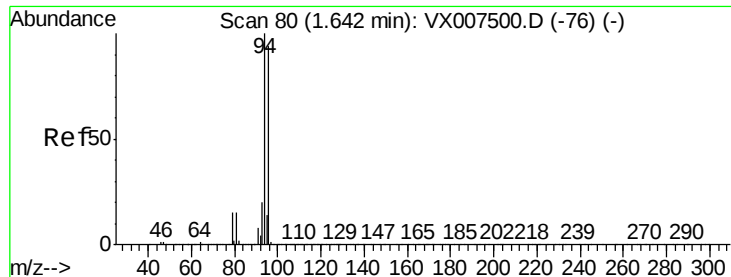
64 33.2 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.366 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

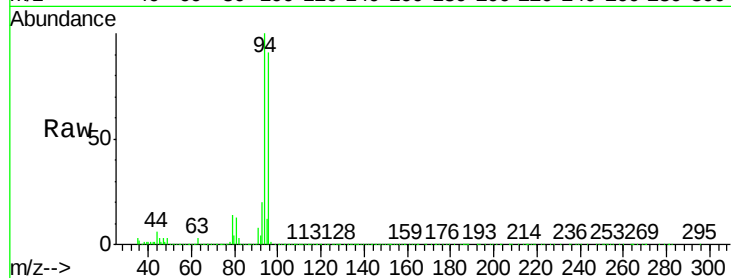
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 110235

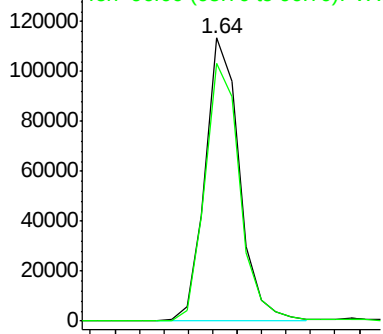
Ion Ratio Lower Upper

94 100

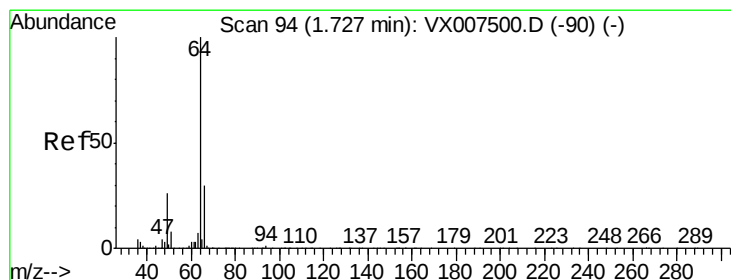
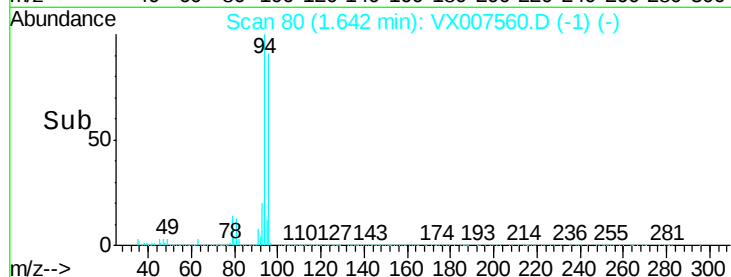
96 90.9 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0
Ion 96.00 (95.70 to 96.70): VX0



Time-->



#6

Chloroethane

Concen: 18.462 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007560.D

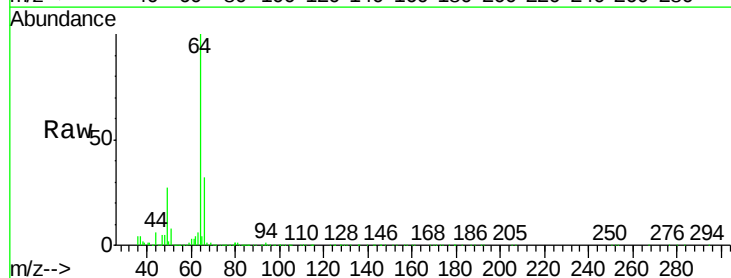
Acq: 15 Feb 2019 11:09

Tgt Ion: 64 Resp: 76066

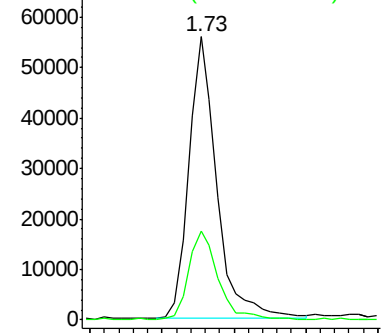
Ion Ratio Lower Upper

64 100

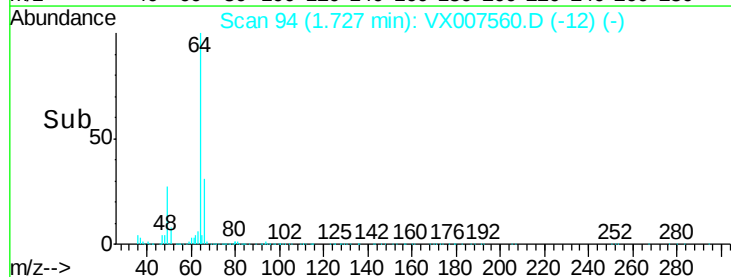
66 31.5 23.9 35.9

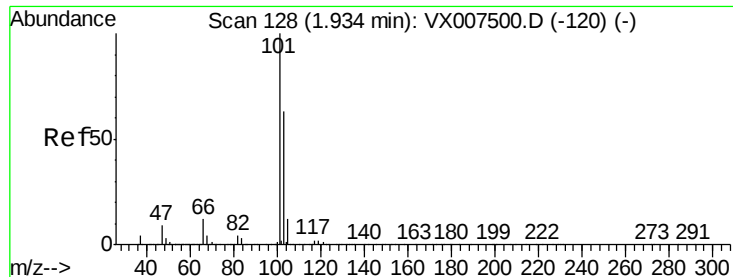


Abundance Ion 64.00 (63.70 to 64.70): VX0
Ion 66.00 (65.70 to 66.70): VX0



Time-->



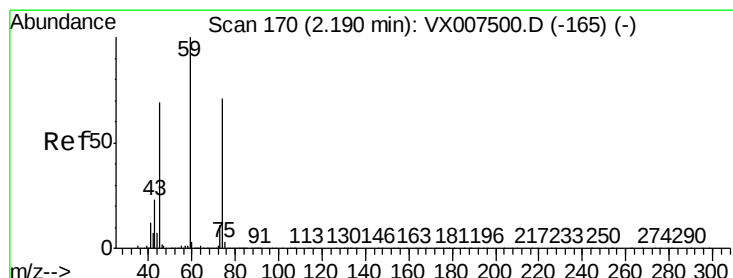
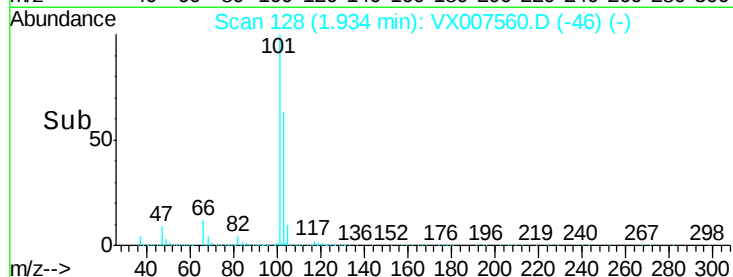
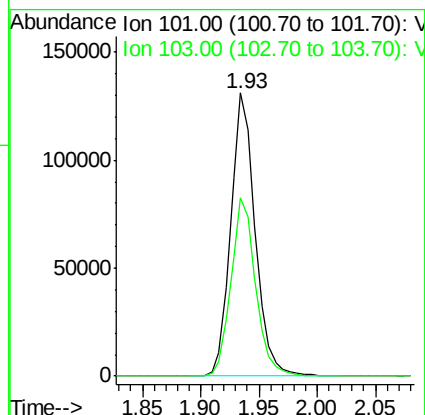
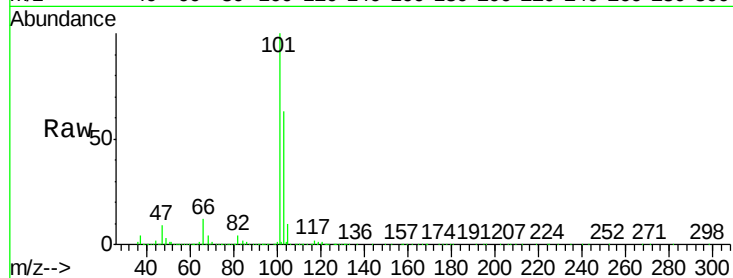


#7

Trichlorofluoromethane
Concen: 20.128 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampleId :

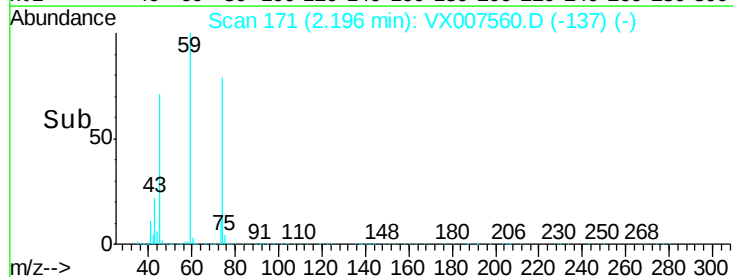
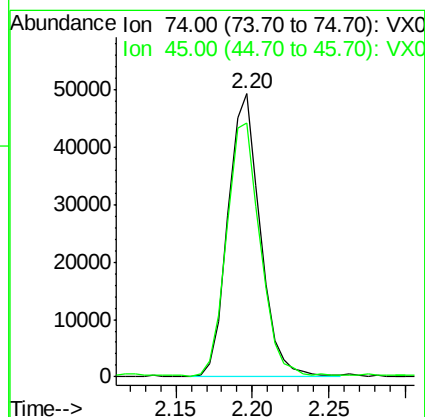
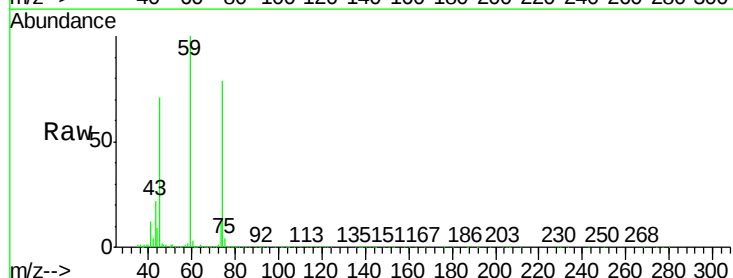
Tot Ion:101 Resp: 191239
Ion Ratio Lower Upper
101 100
103 62.9 50.4 75.6

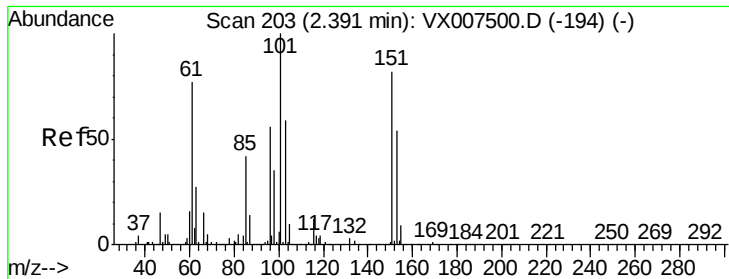


#8

Diethyl Ether
Concen: 18.835 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion: 74 Resp: 71488
Ion Ratio Lower Upper
74 100
45 93.6 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.813 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007560.D

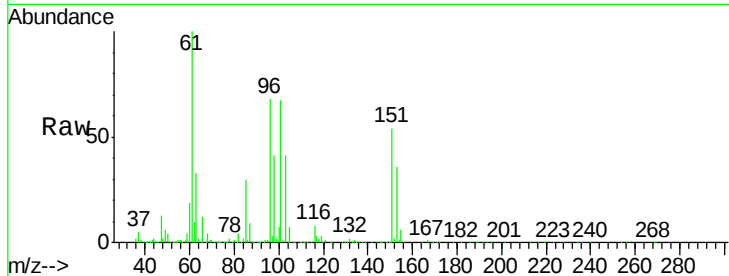
Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

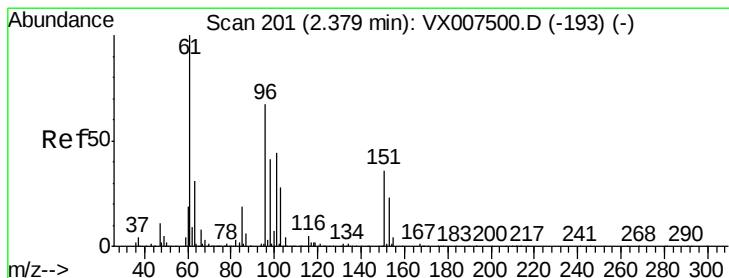
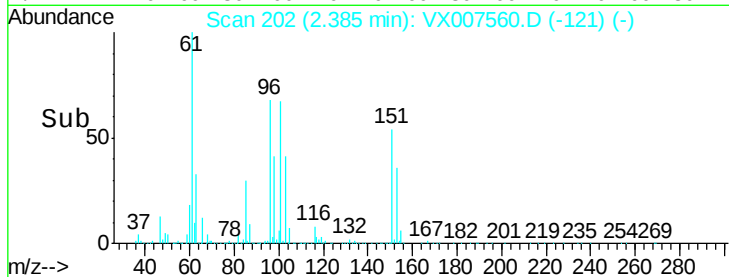
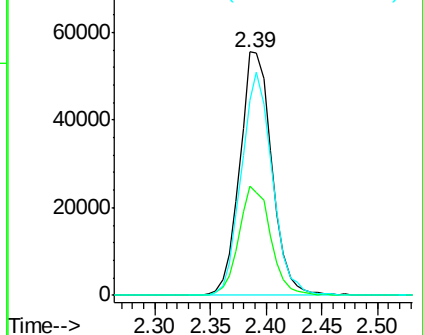
Tot Ion:	101	Resp:	111572
Ion	Ratio	Lower	Upper
101	100		
85	44.4	0.0	86.8
151	88.5	0.0	169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.411 ug/l

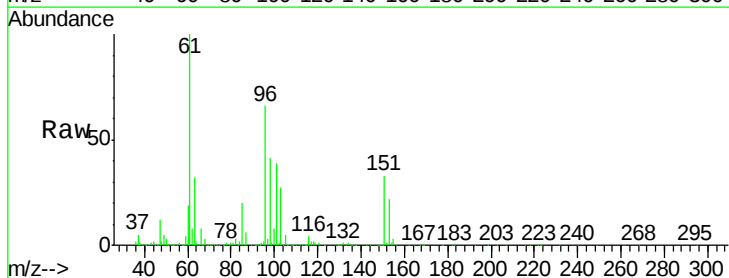
RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

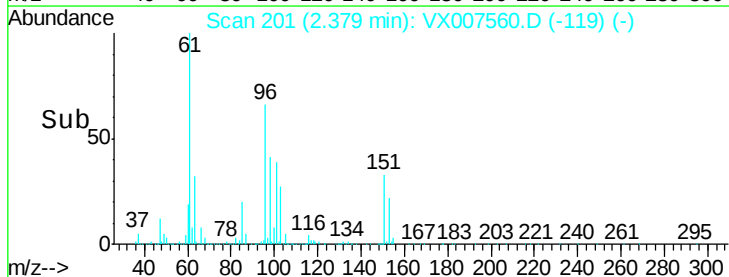
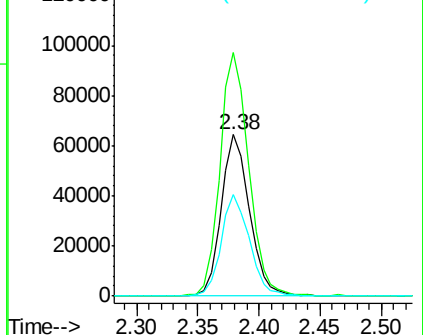
Tgt Ion:	96	Resp:	103253
Ion	Ratio	Lower	Upper
96	100		
61	150.6	120.2	180.2
98	62.7	49.0	73.4

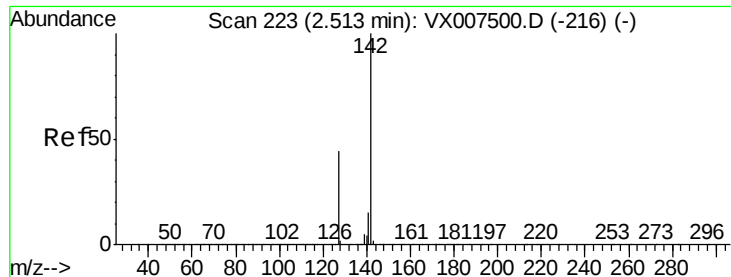


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

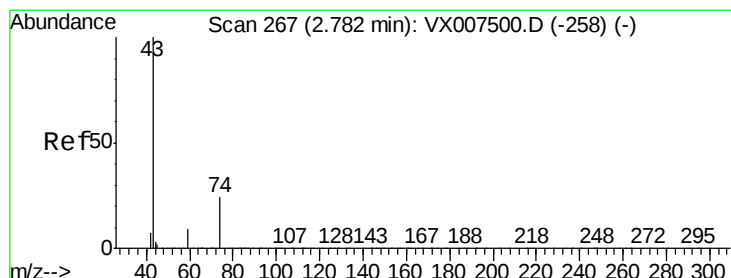
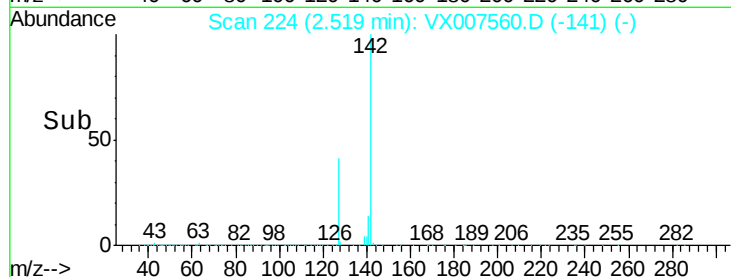
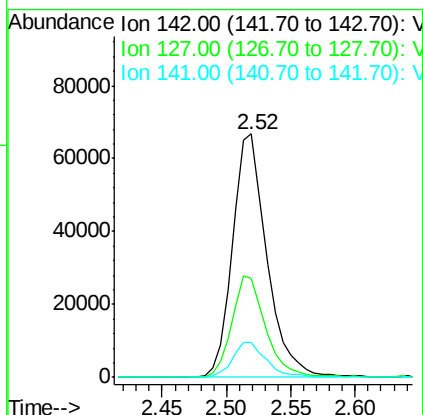
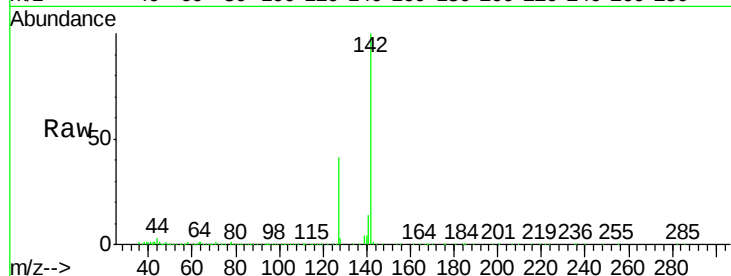




#11
Methvl Iodide
Concen: 16.166 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

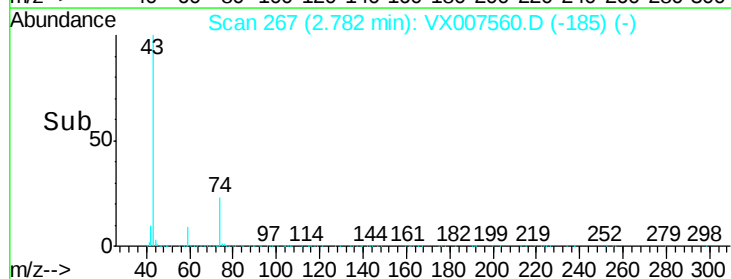
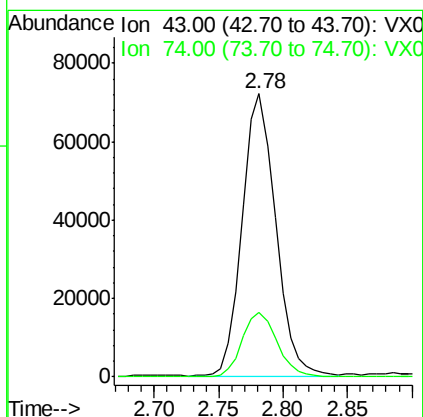
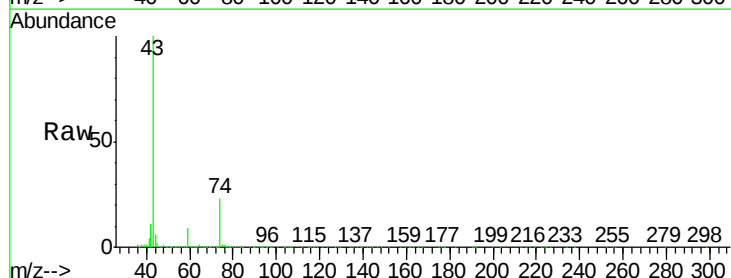
Instrument :
MSVOA_W
ClientSampleId :

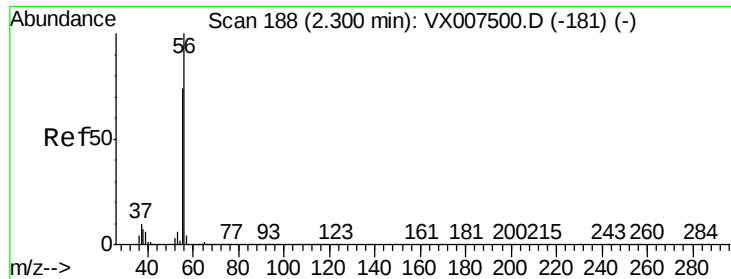
Tot Ion:142 Resp: 123594
Ion Ratio Lower Upper
142 100
127 40.7 22.1 66.5
141 14.2 7.4 22.3



#12
Methyl Acetate
Concen: 17.587 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion: 43 Resp: 129016
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.0





#13

Acrolein

Concen: 185.971 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

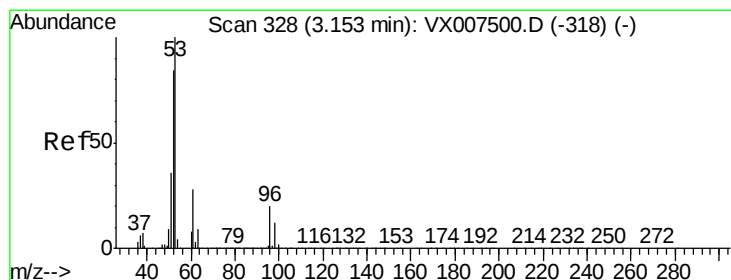
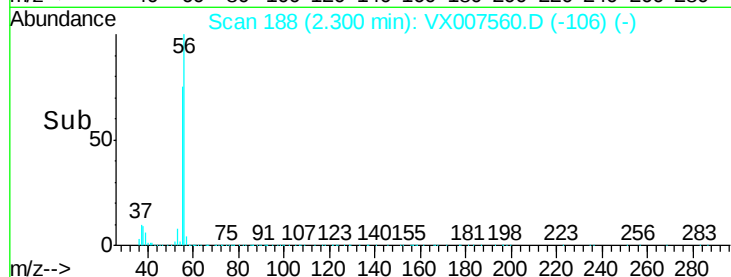
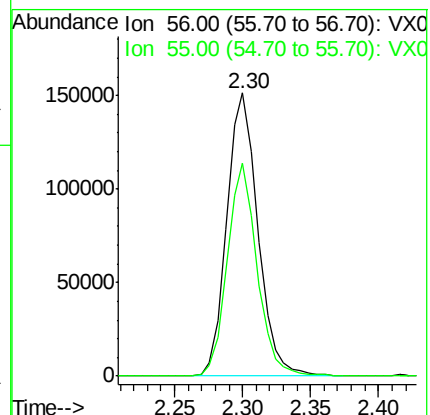
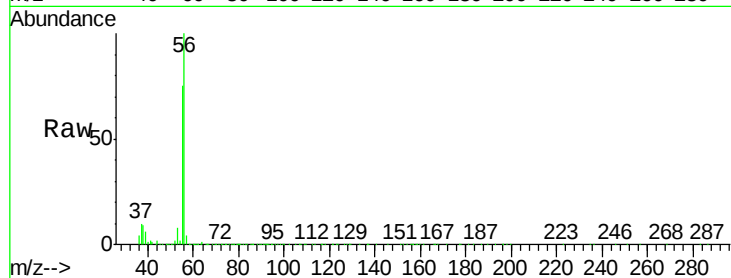
ClientSampleId :

Tot Ion: 56 Resp: 237976

Ion Ratio Lower Upper

56 100

55 72.2 58.6 87.8



#14

Acrylonitrile

Concen: 92.203 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

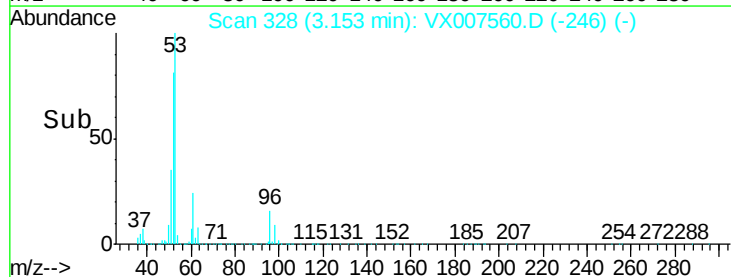
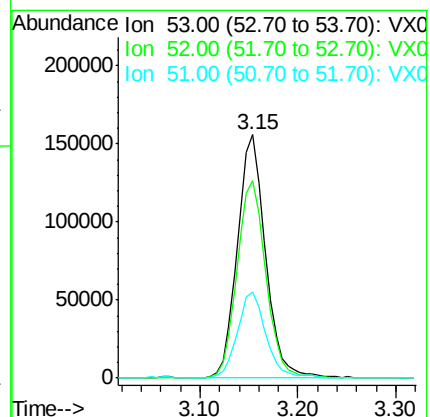
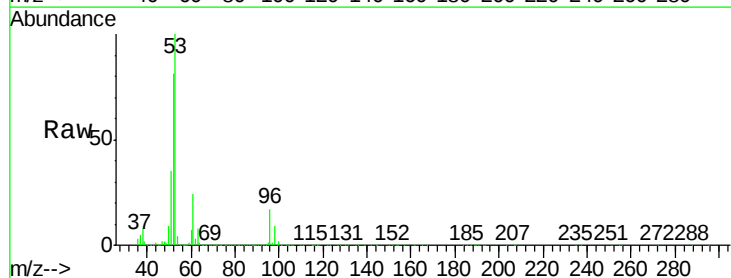
Tgt Ion: 53 Resp: 311651

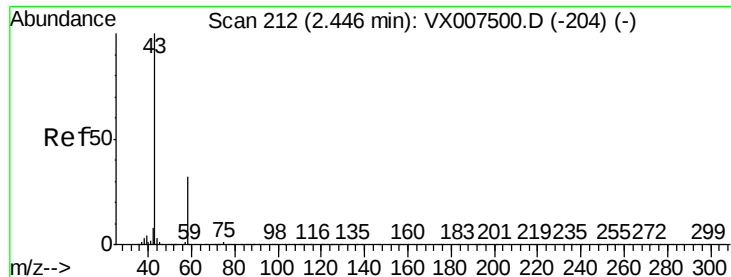
Ion Ratio Lower Upper

53 100

52 83.1 41.3 124.1

51 35.7 17.5 52.6





#15

Acetone

Concen: 113.707 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

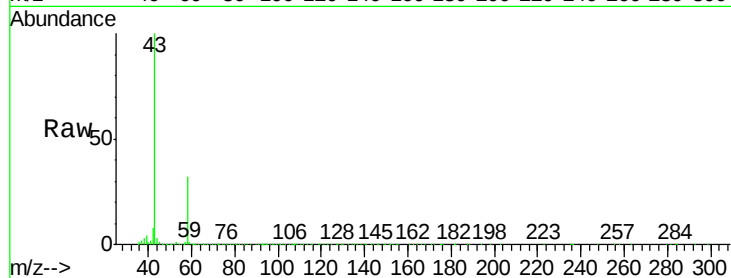
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 58 Resp: 104304

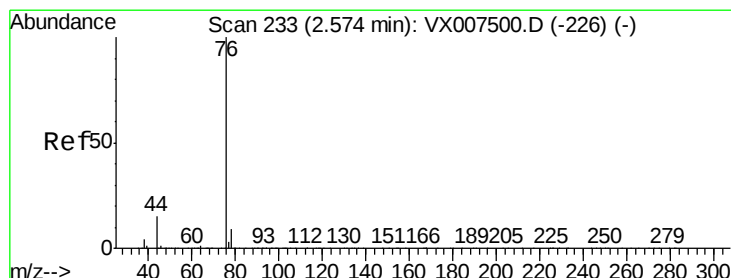
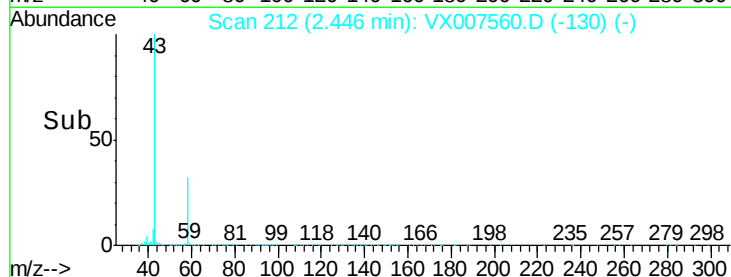
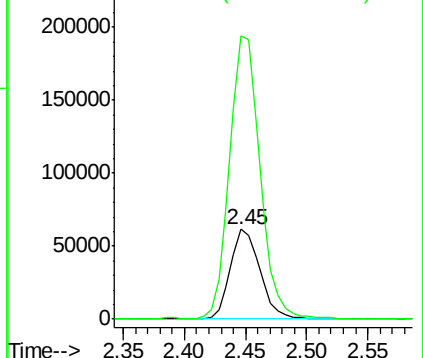
Ion Ratio Lower Upper

58 100

43 313.7 249.8 374.6



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



#16

Carbon Disulfide

Concen: 19.499 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007560.D

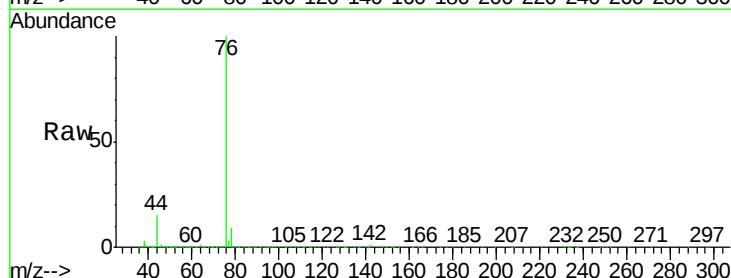
Acq: 15 Feb 2019 11:09

Tgt Ion: 76 Resp: 275052

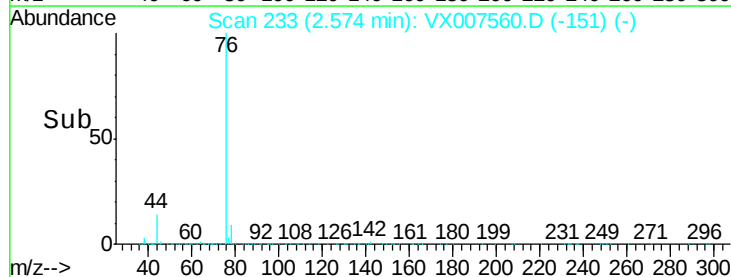
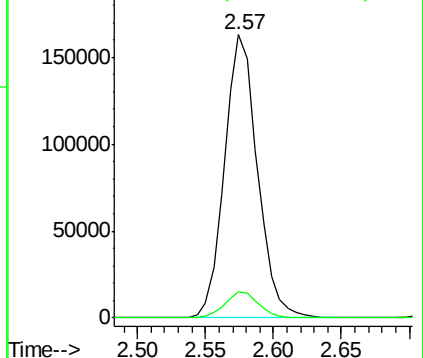
Ion Ratio Lower Upper

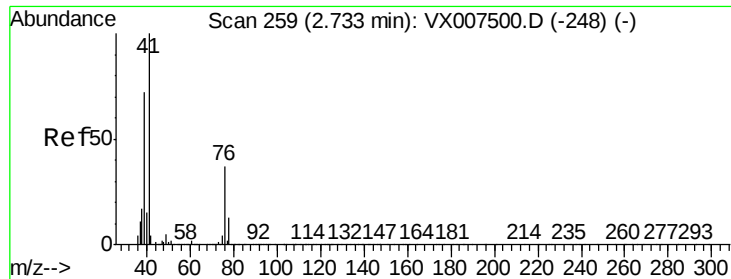
76 100

78 9.2 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

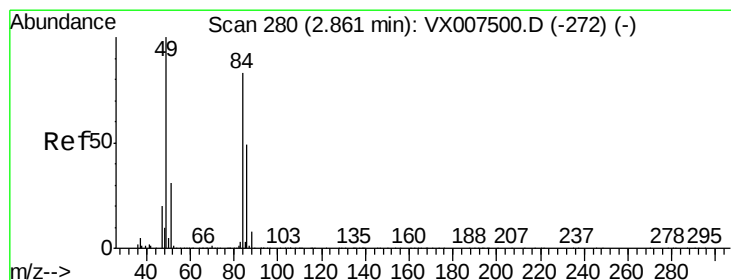
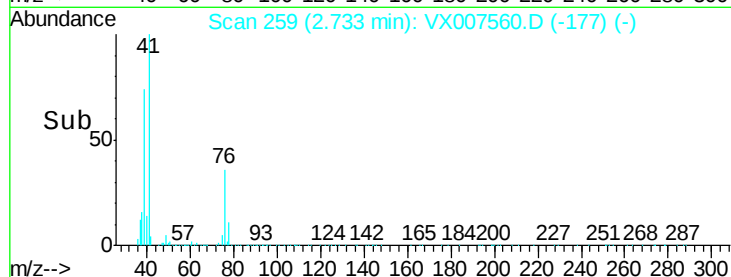
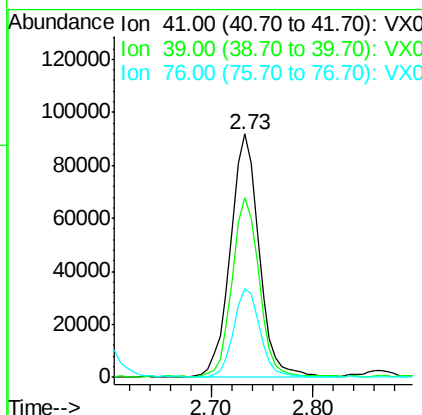
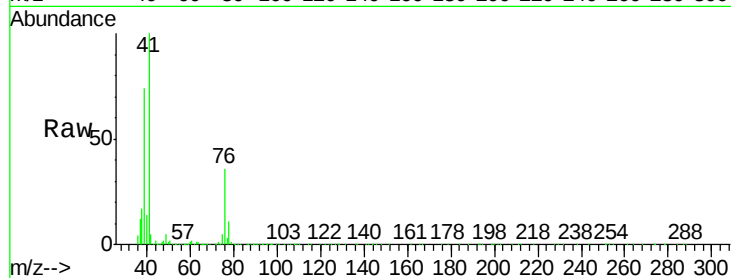




#17
Allvl chloride
Concen: 19.540 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

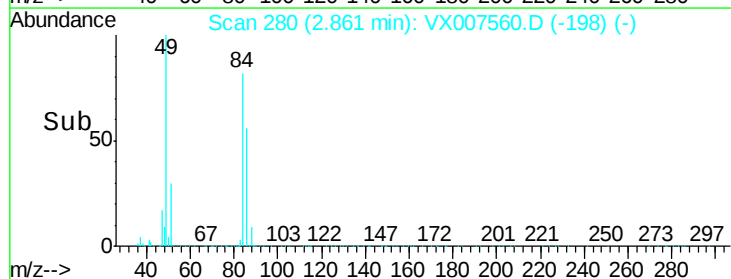
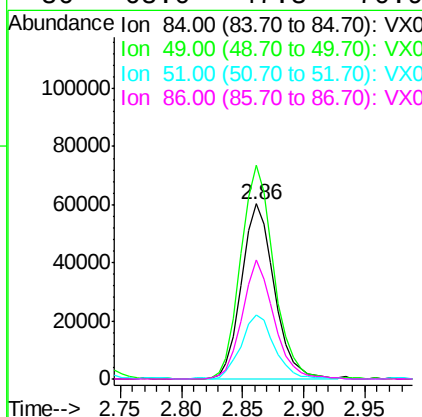
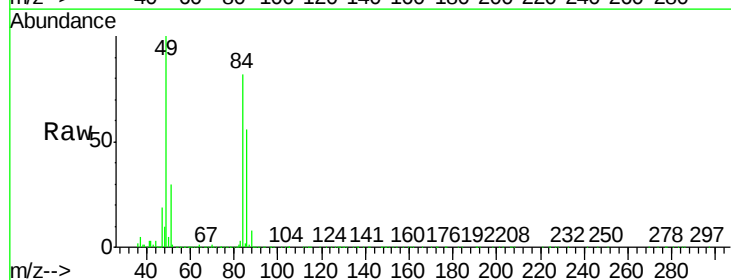
Instrument :
MSVOA_W
ClientSampleId :

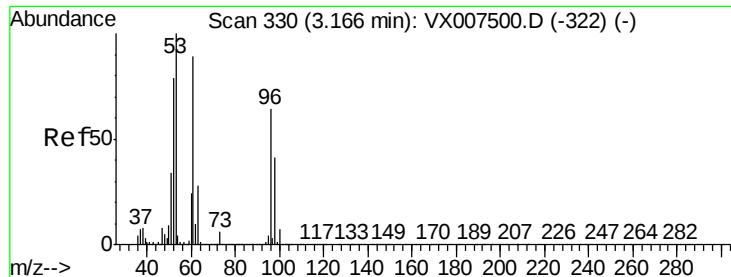
Tot Ion: 41 Resp: 178087
Ion Ratio Lower Upper
41 100
39 73.5 35.8 107.4
76 36.1 18.3 54.9



#18
Methylene Chloride
Concen: 18.819 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion: 84 Resp: 112573
Ion Ratio Lower Upper
84 100
49 122.0 96.1 144.1
51 36.5 29.1 43.7
86 68.0 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.084 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampleId :

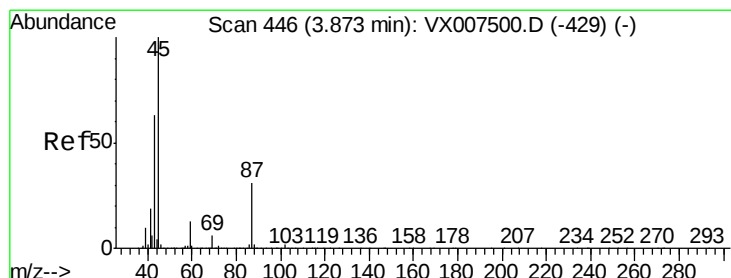
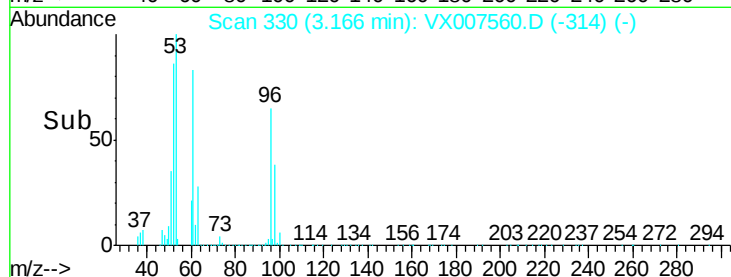
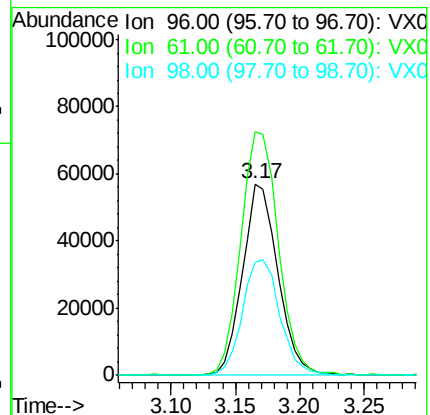
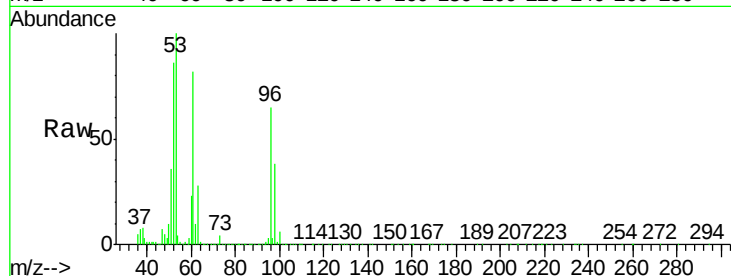
Tot Ion: 96 Resp: 108576

Ion Ratio Lower Upper

96 100

61 126.8 109.9 164.9

98 58.7 50.4 75.6



#20

Diisopropyl ether

Concen: 19.200 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Tgt Ion: 45 Resp: 330694

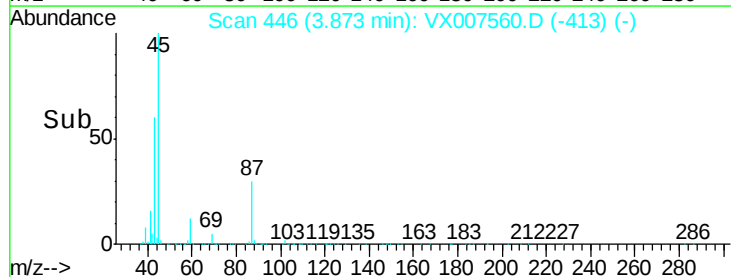
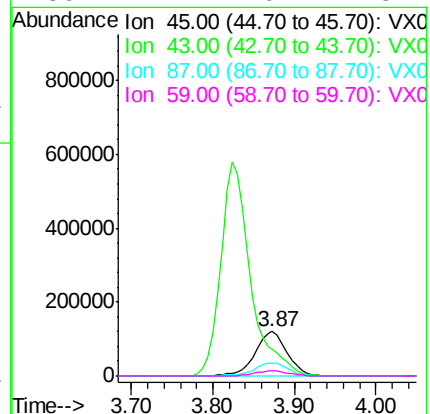
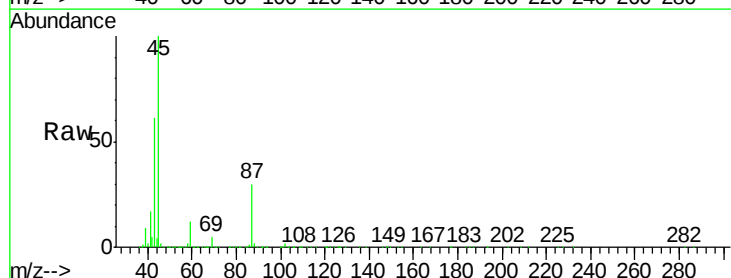
Ion Ratio Lower Upper

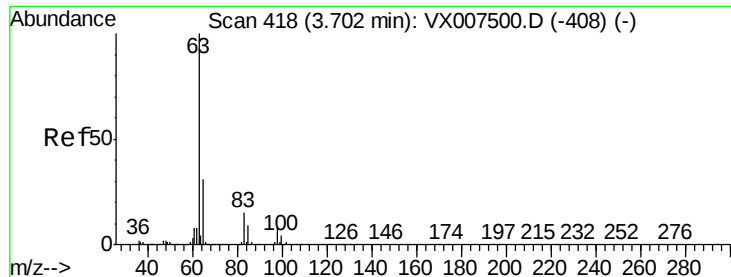
45 100

43 59.8 50.6 76.0

87 30.0 24.5 36.7

59 11.7 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.982 ug/l

RT: 3.70 min Scan# 418

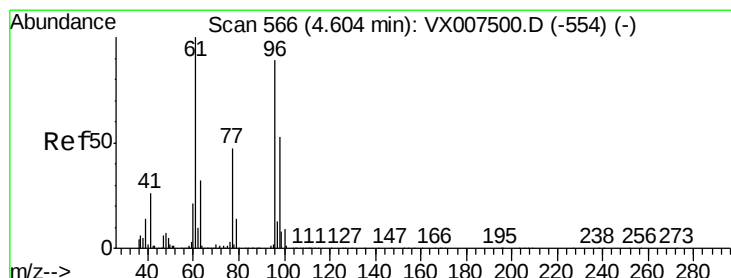
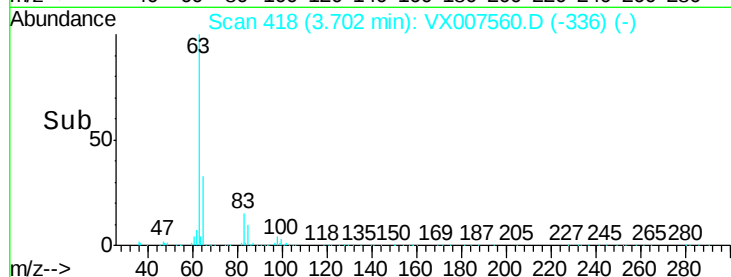
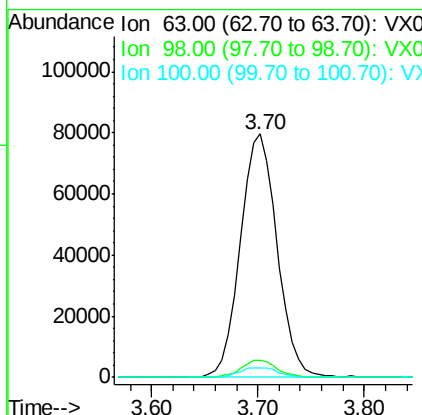
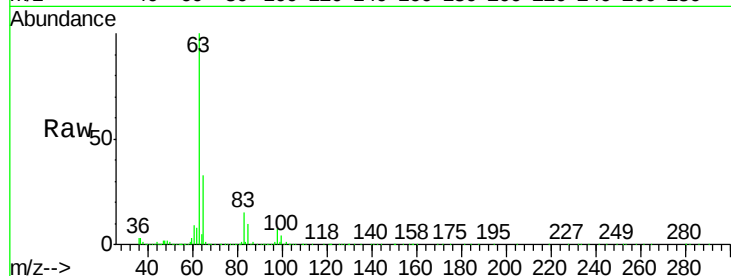
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	63	Resp:	192944
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.0	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 19.716 ug/l

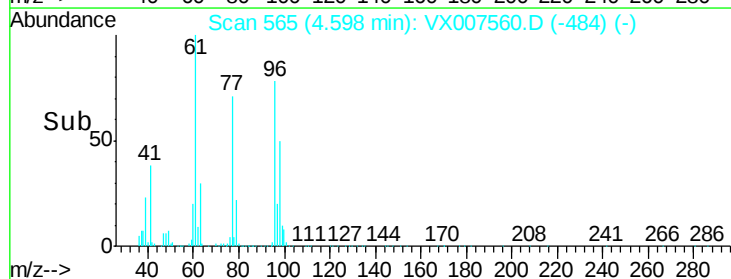
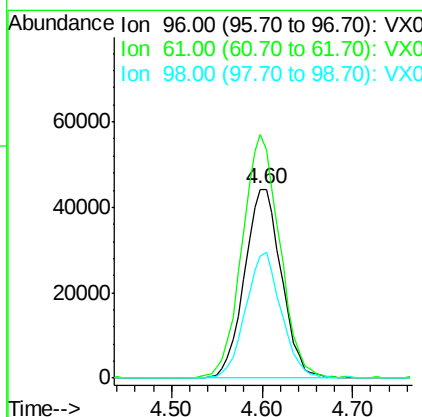
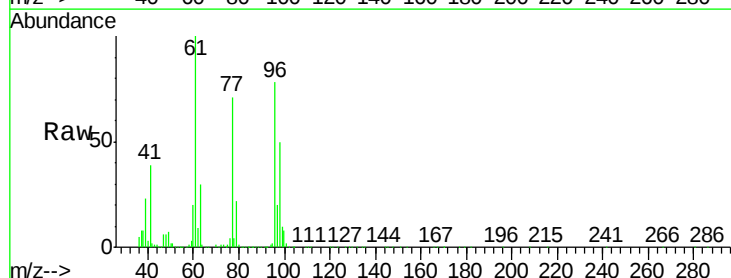
RT: 4.60 min Scan# 565

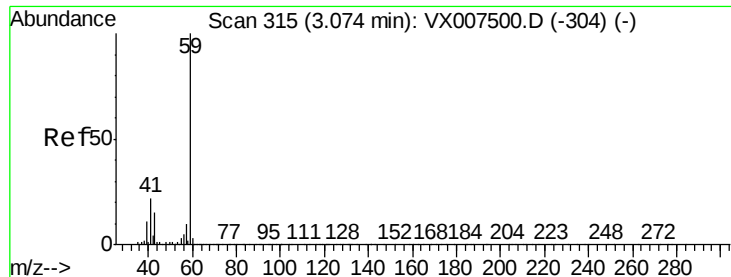
Delta R.T. -0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Tgt Ion:	96	Resp:	124830
Ion	Ratio	Lower	Upper
96	100		
61	131.0	103.5	155.3
98	64.0	52.1	78.1



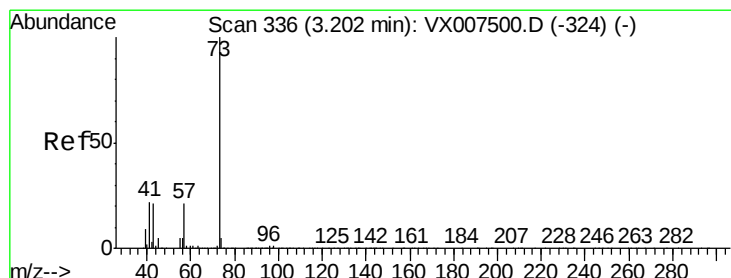
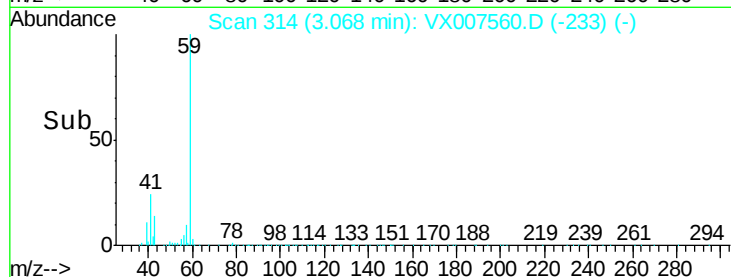
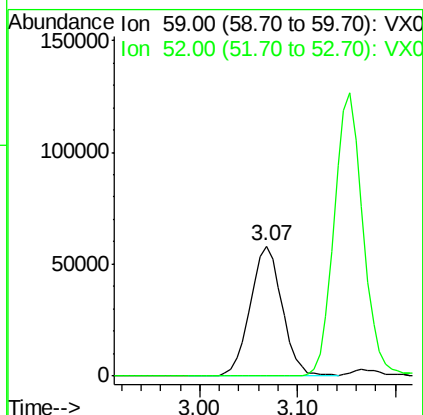
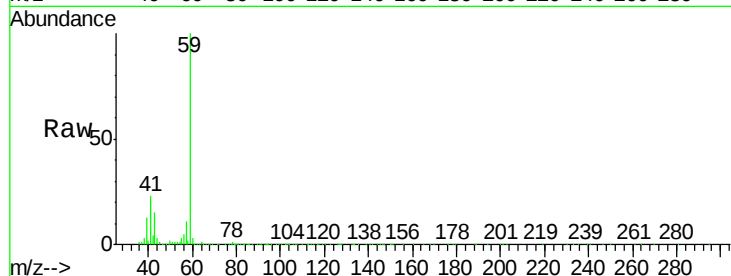


#23

tert-Butyl Alcohol
 Concen: 93.299 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

Instrument :
 MSVOA_W
 ClientSampled :

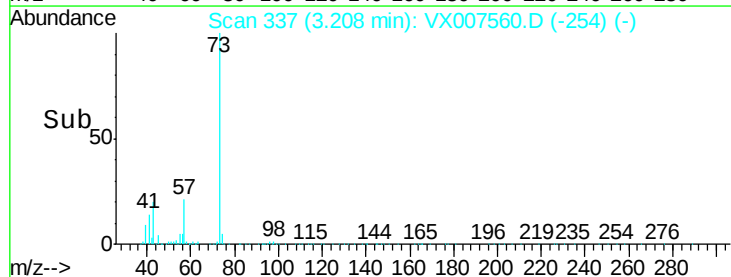
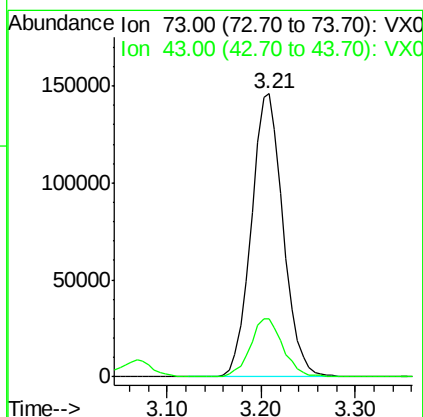
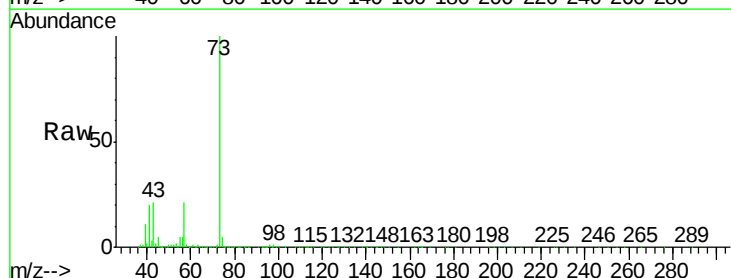
Tot Ion: 59 Resp: 132547
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.2#

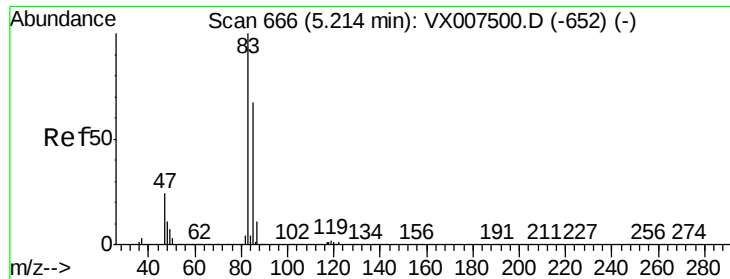


#24

Methyl tert-Butyl Ether
 Concen: 18.711 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

Tgt Ion: 73 Resp: 345410
 Ion Ratio Lower Upper
 73 100
 43 20.8 17.1 25.7





#25

Chloroform

Concen: 19.211 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

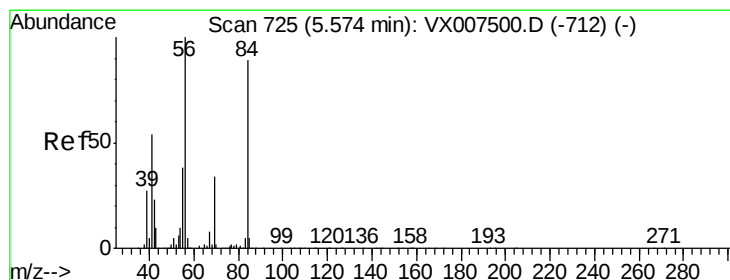
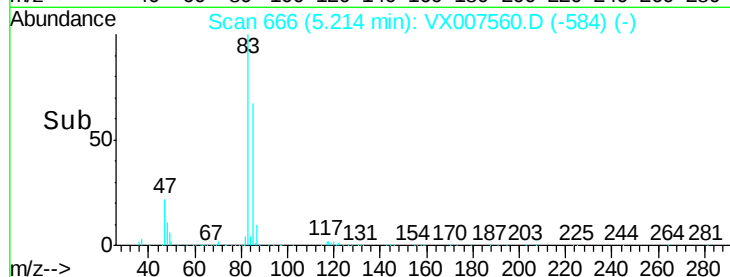
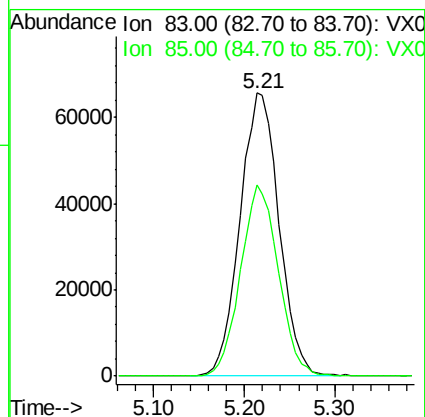
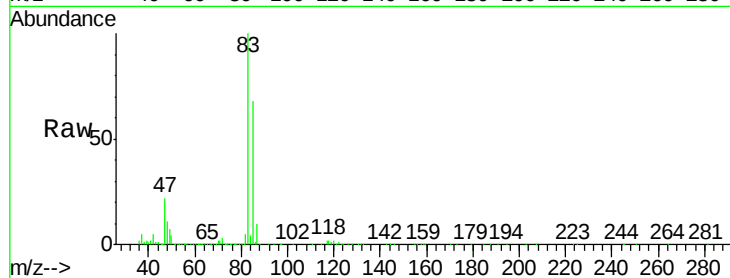
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 195919

Ion Ratio Lower Upper

83 100

85 67.5 53.8 80.6



#26

Cyclohexane

Concen: 20.504 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

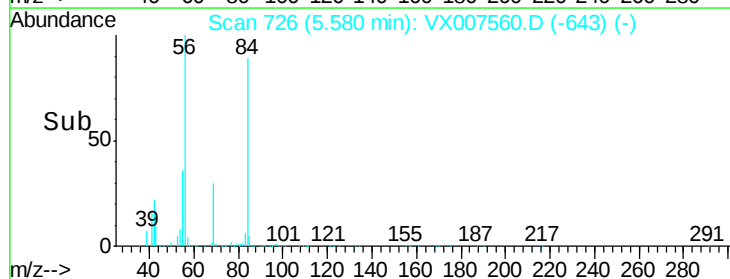
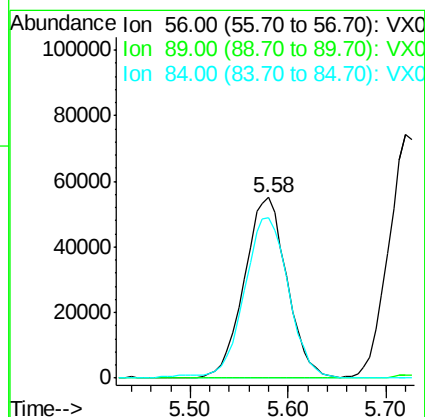
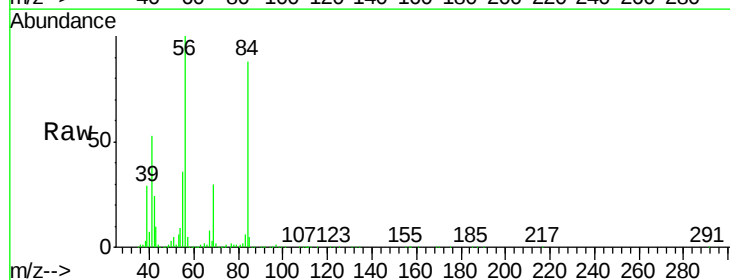
Tgt Ion: 56 Resp: 166020

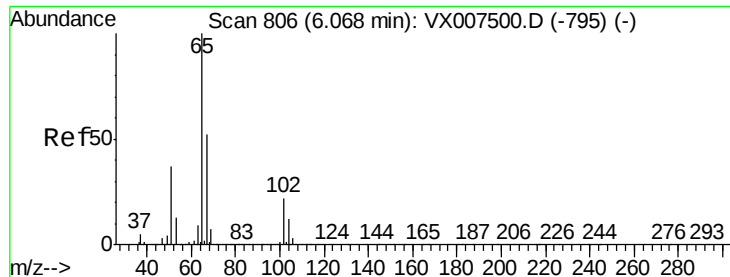
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 91.7 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.734 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

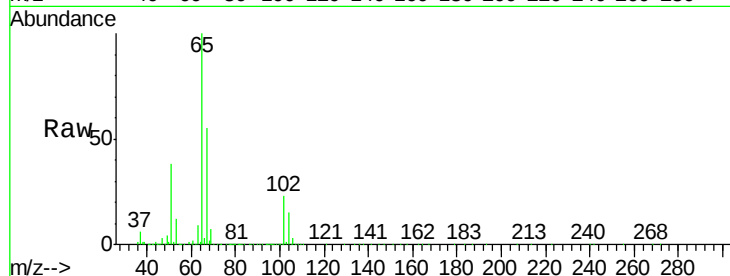
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 186235

Ion Ratio Lower Upper

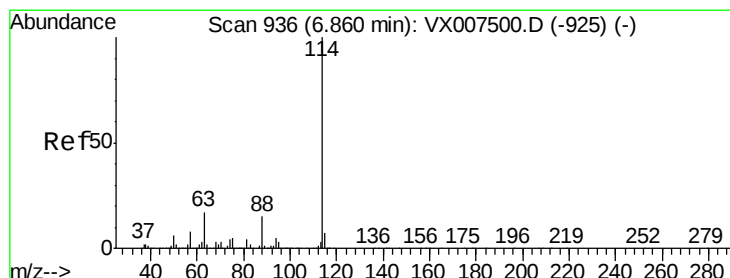
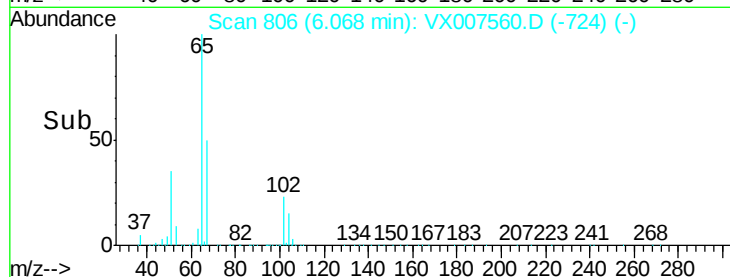
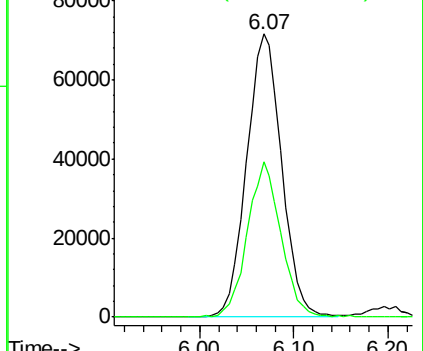
65 100

67 52.3 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

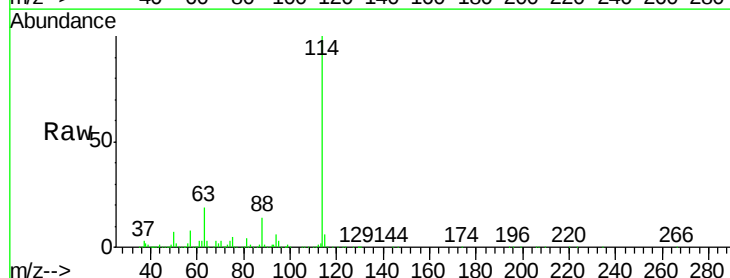
Tgt Ion: 114 Resp: 516413

Ion Ratio Lower Upper

114 100

63 18.5 14.2 21.4

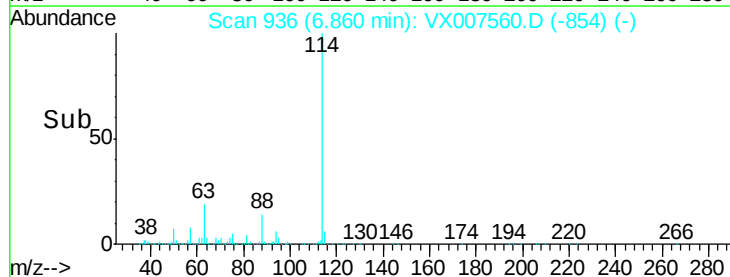
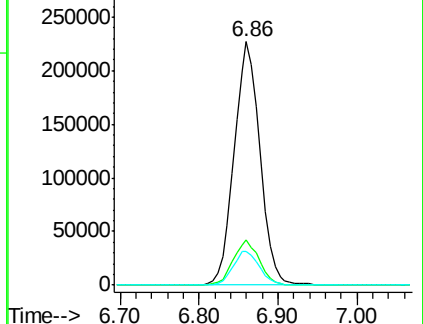
88 14.3 11.9 17.9

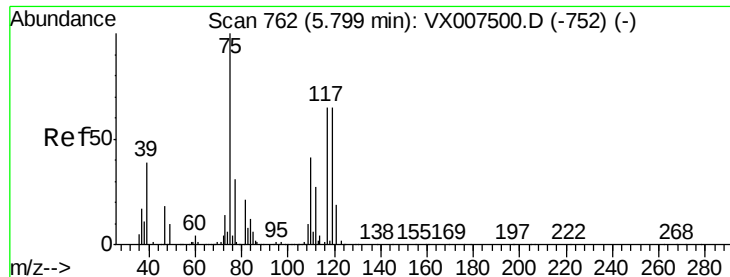


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

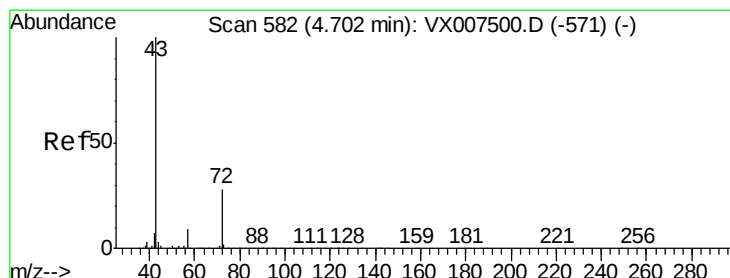
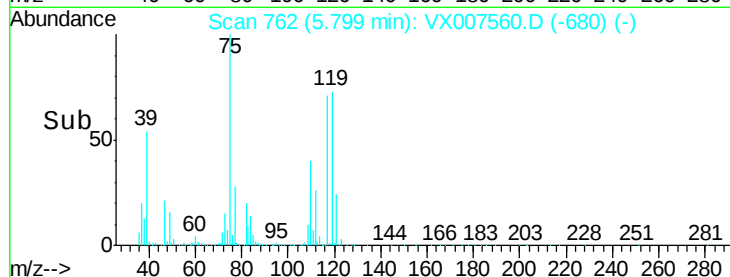
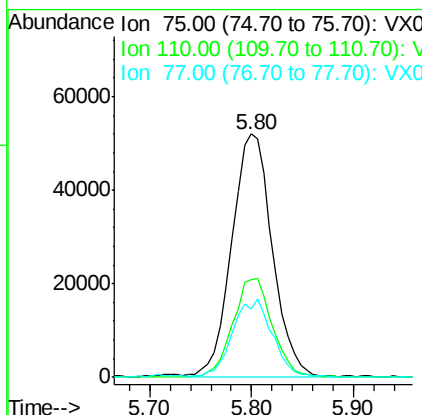
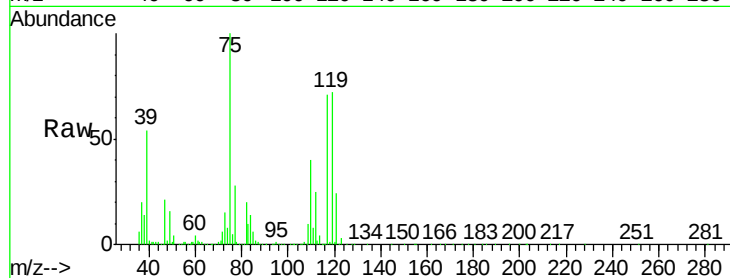




#29
 1,1-Dichloropropene
 Concen: 19.977 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

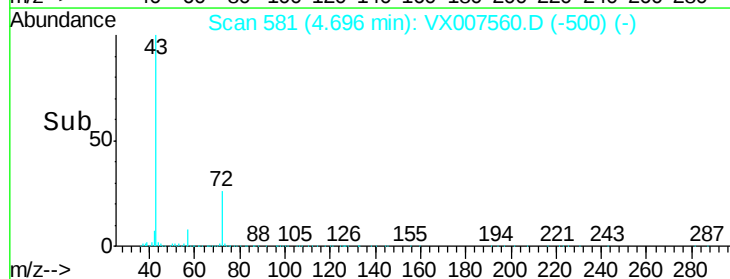
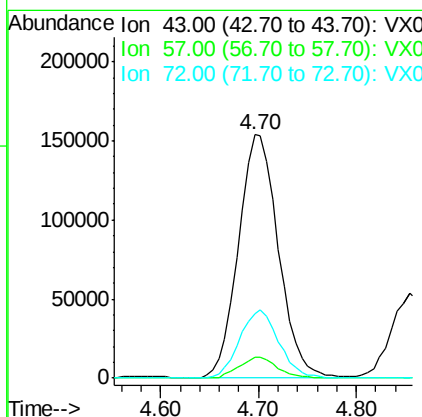
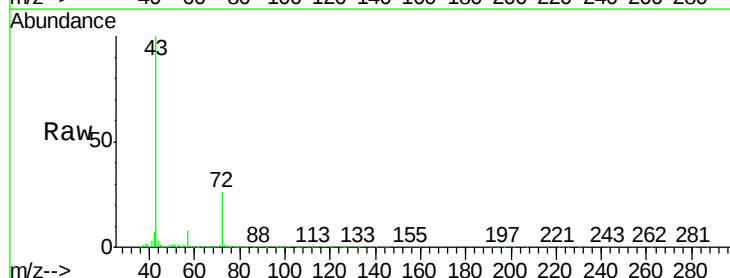
Instrument :
 MSVOA_W
 ClientSampleId :

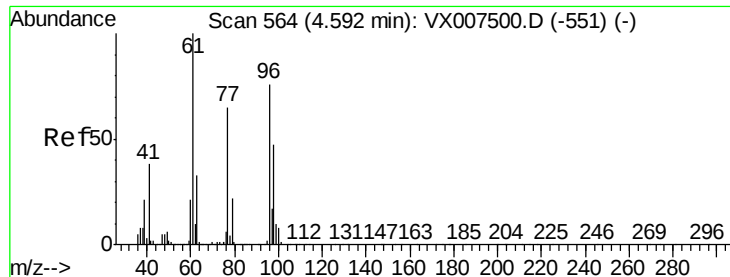
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.4	0.0	80.8
77	31.5	0.0	62.4



#30
 2-Butanone
 Concen: 102.392 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	7.0	10.6
72	27.2	21.5	32.3





#31

2,2-Dichloropropane

Concen: 24.535 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

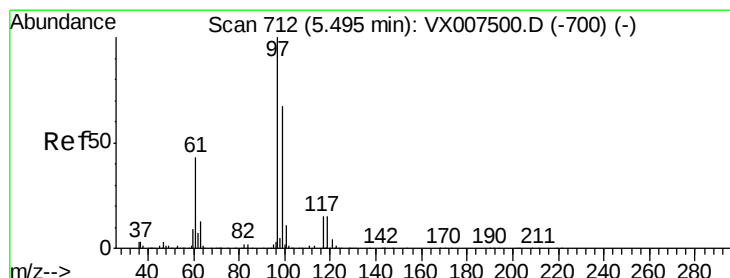
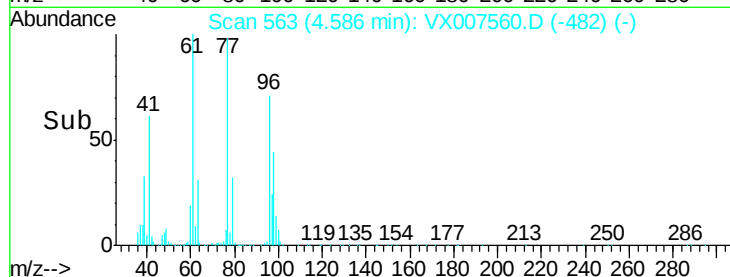
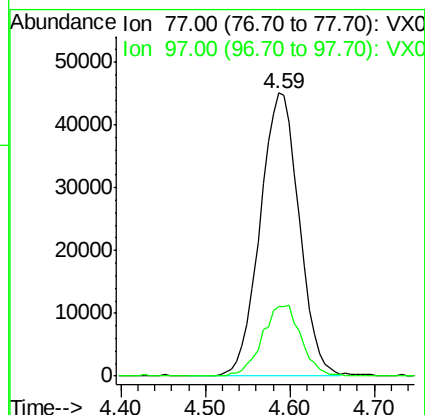
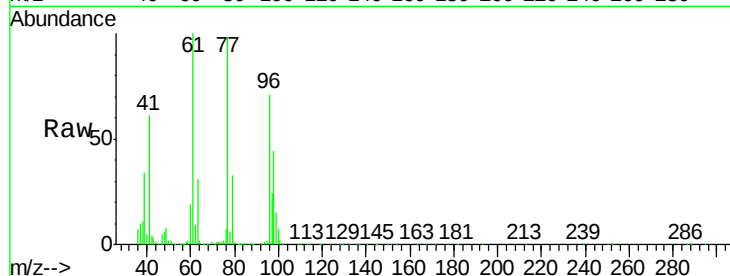
ClientSampleId :

Tot Ion: 77 Resp: 143588

Ion Ratio Lower Upper

77 100

97 24.7 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.459 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

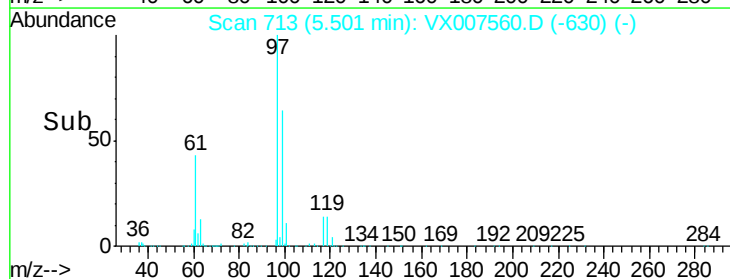
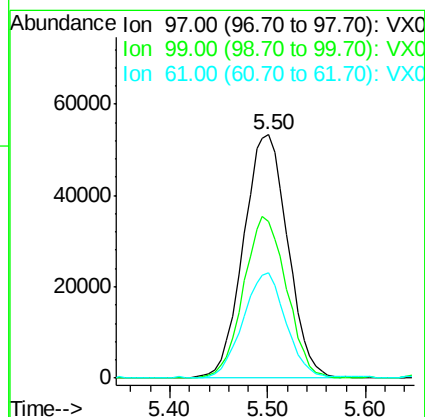
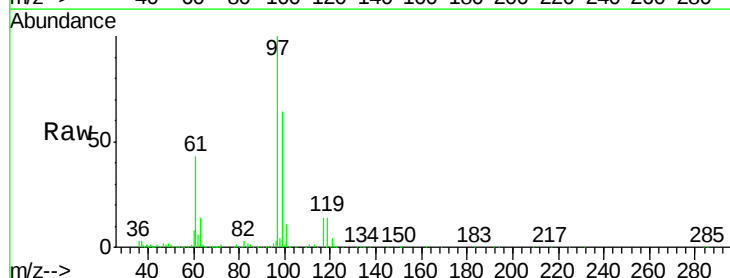
Tgt Ion: 97 Resp: 167543

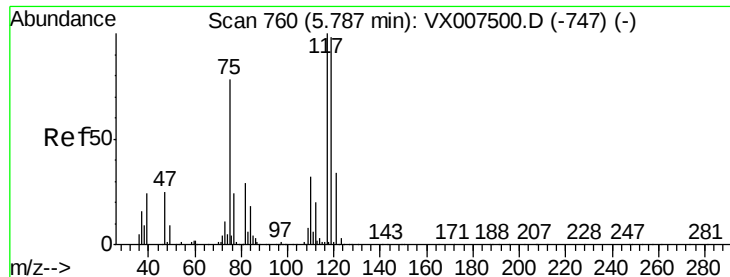
Ion Ratio Lower Upper

97 100

99 63.7 51.7 77.5

61 41.6 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.547 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

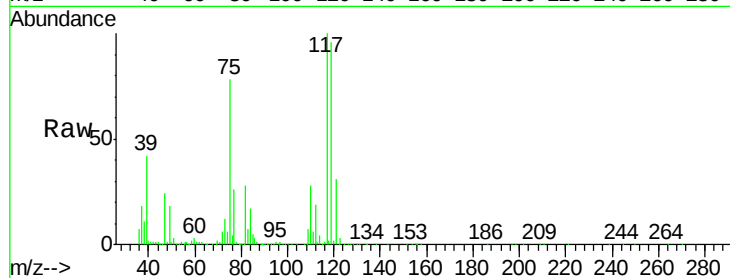
Tot Ion:117 Resp: 148774

Ion Ratio Lower Upper

117 100

119 95.4 78.1 117.1

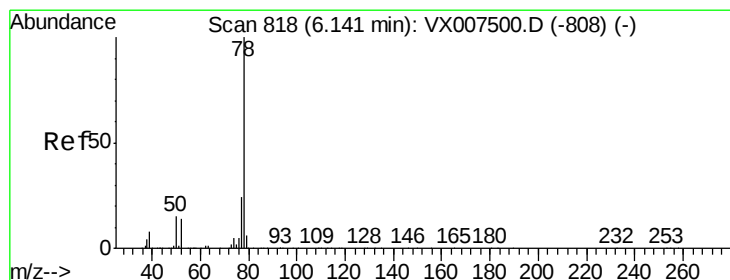
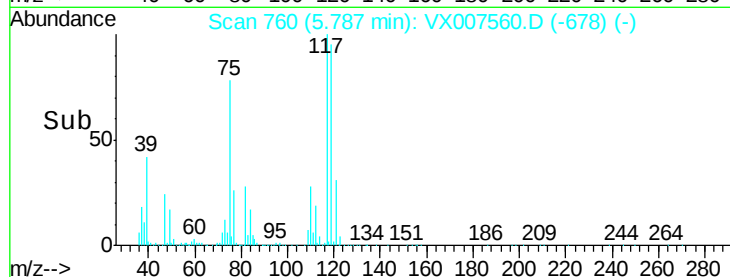
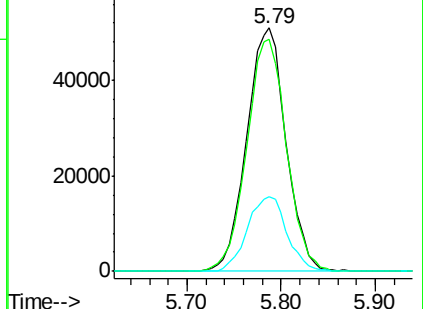
121 30.8 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.084 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

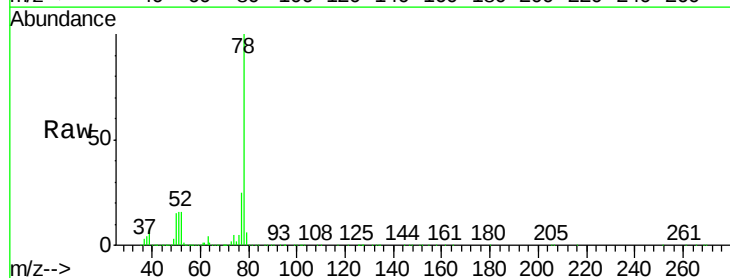
Tgt Ion: 78 Resp: 433364

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7

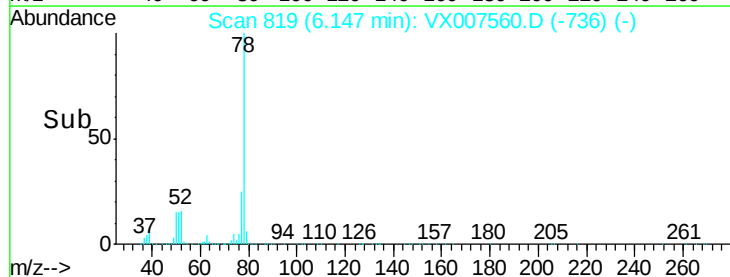
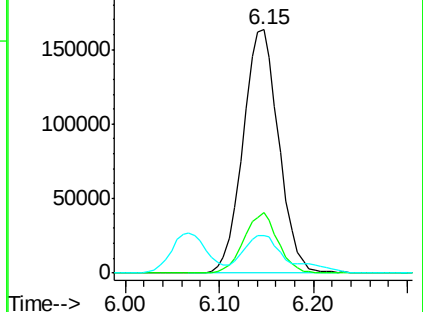
51 14.4 10.8 16.2

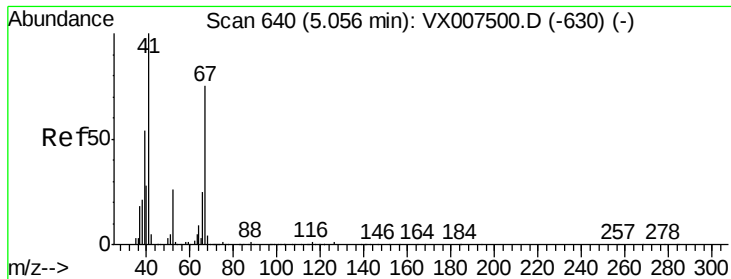


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 18.504 ug/l

RT: 5.06 min Scan# 641

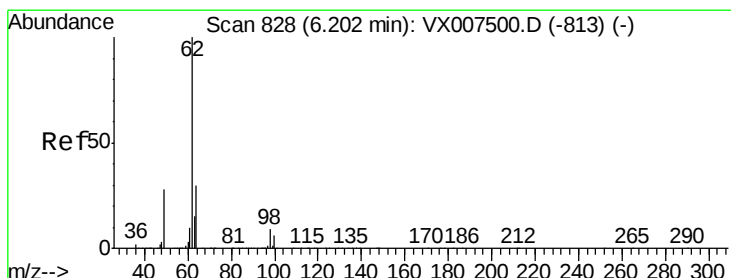
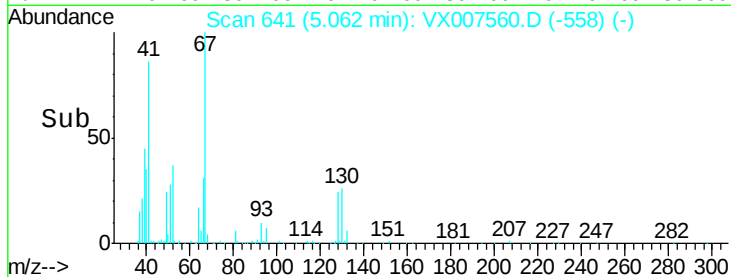
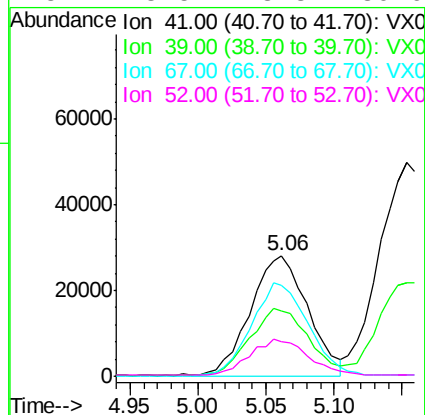
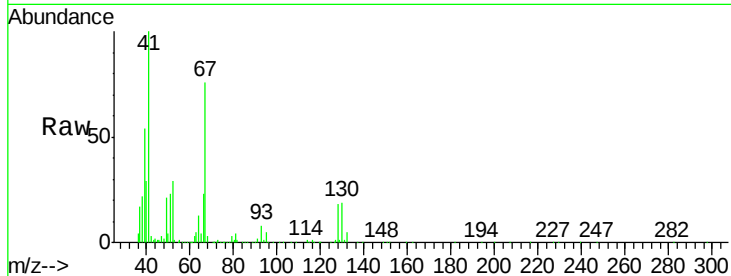
Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	82017
Ion	Ratio	Lower	Upper
41	100		
39	53.6	27.4	82.0
67	76.2	37.9	113.6
52	28.5	13.3	39.9



#36

1,2-Dichloroethane

Concen: 19.089 ug/l

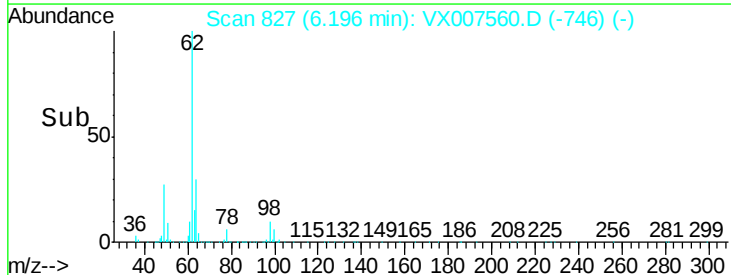
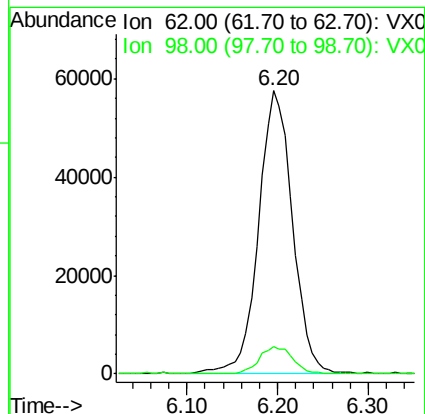
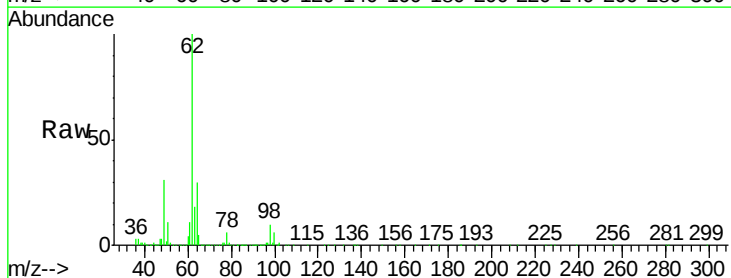
RT: 6.20 min Scan# 827

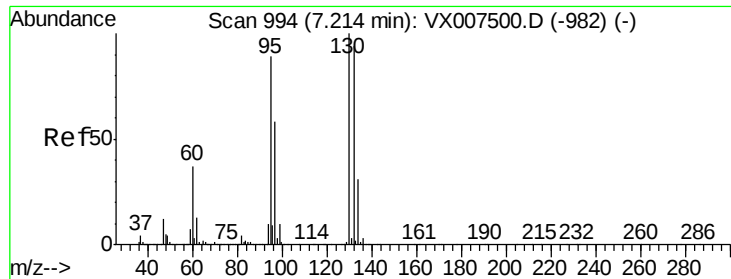
Delta R.T. -0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Tgt Ion:	62	Resp:	147525
Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.8	11.8





#37

Trichloroethene

Concen: 19.519 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

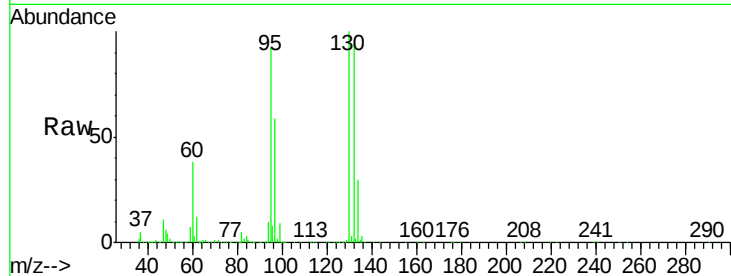
ClientSampleId :

Tot Ion:130 Resp: 127435

Ion Ratio Lower Upper

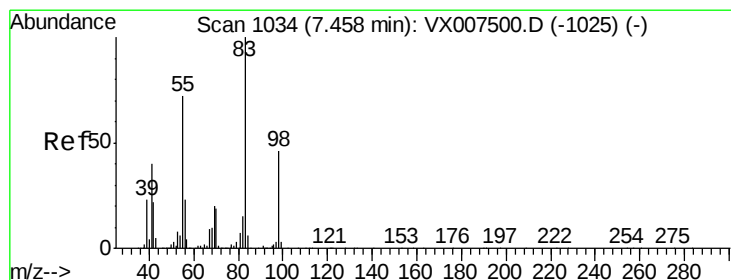
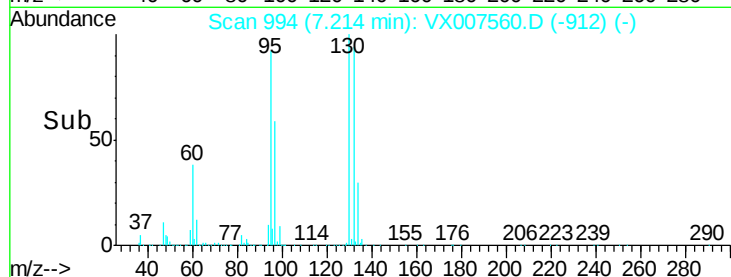
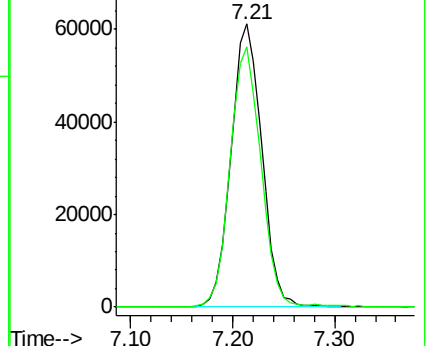
130 100

95 92.1 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 22.047 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

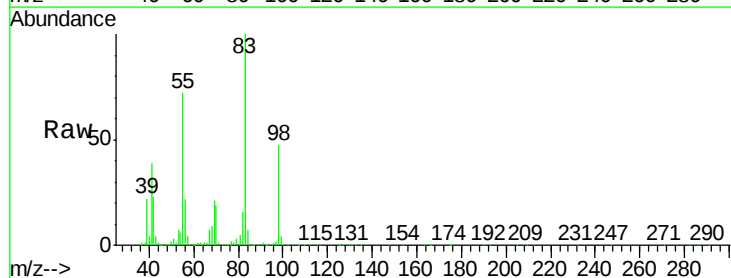
Tgt Ion: 83 Resp: 183842

Ion Ratio Lower Upper

83 100

55 71.9 36.0 108.0

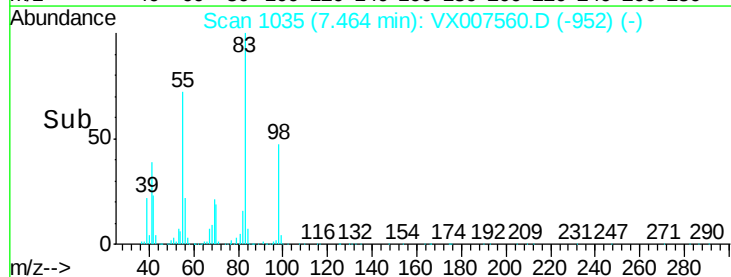
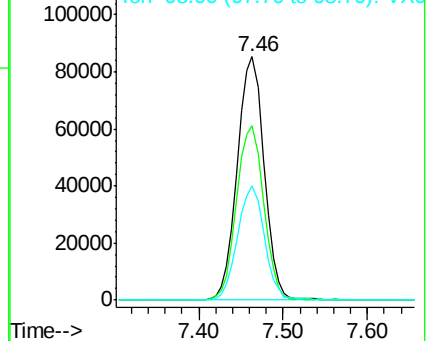
98 46.7 23.8 71.4

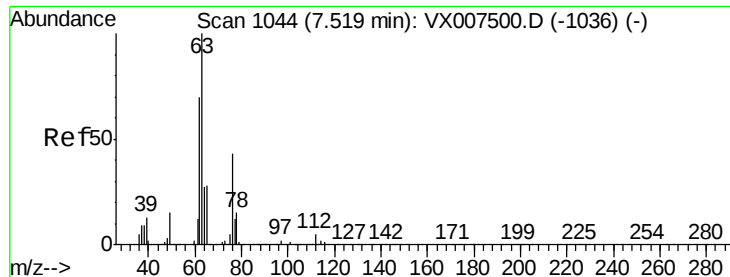


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

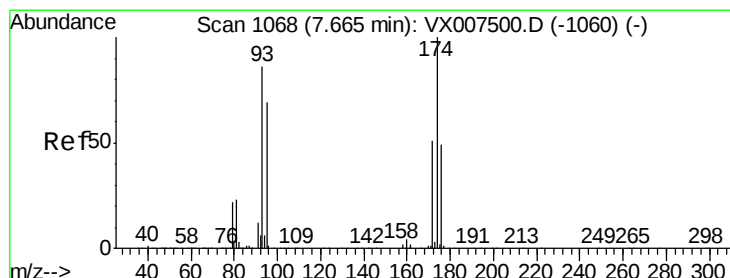
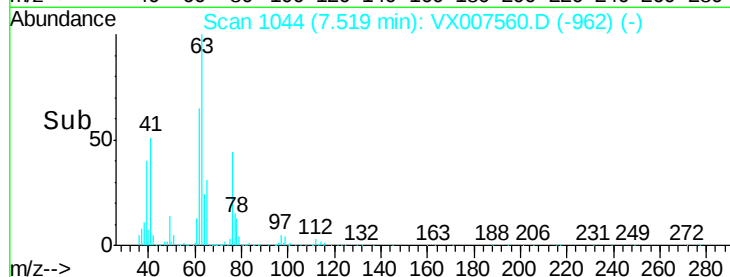
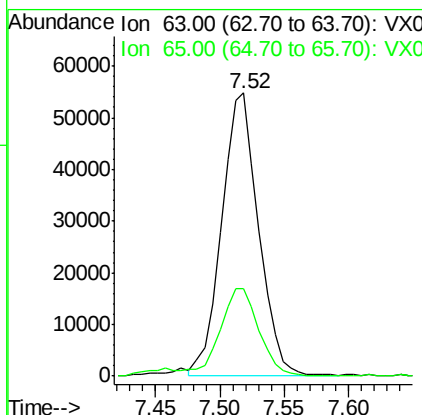
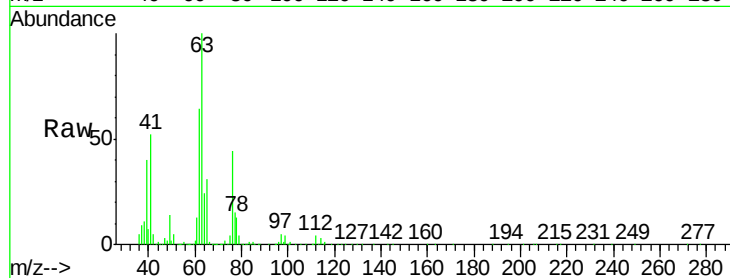




#39
 1,2-Dichloropropane
 Concen: 19.361 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

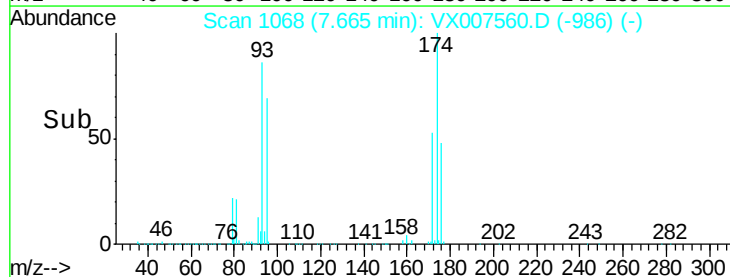
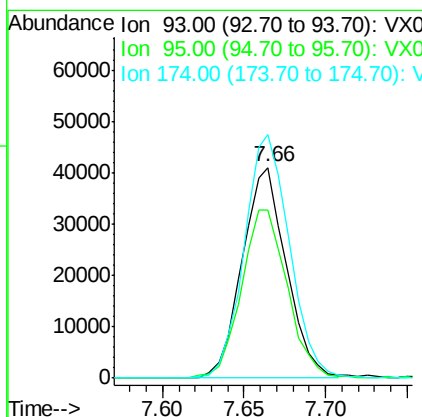
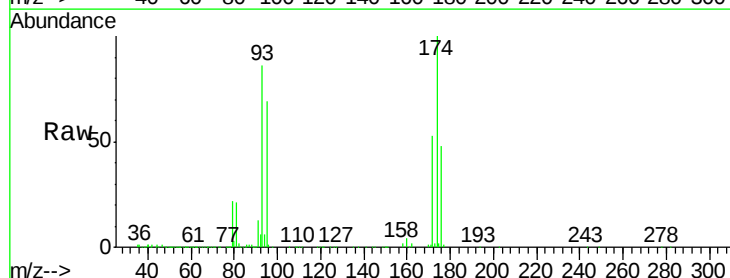
Instrument :
 MSVOA_W
 ClientSampleId :

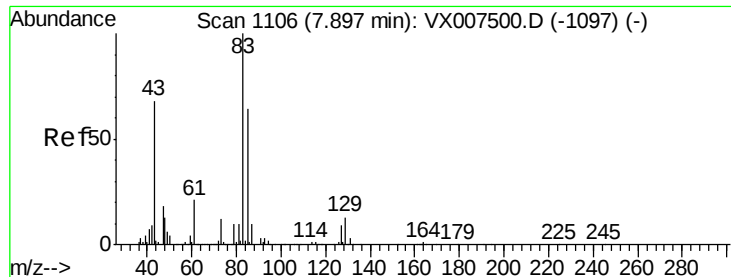
Tot Ion: 63 Resp: 109356
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0



#40
 Dibromomethane
 Concen: 18.787 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

Tgt Ion: 93 Resp: 76638
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 158.8
 174 118.7 0.0 224.2





#41

Bromodichloromethane

Concen: 18.777 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

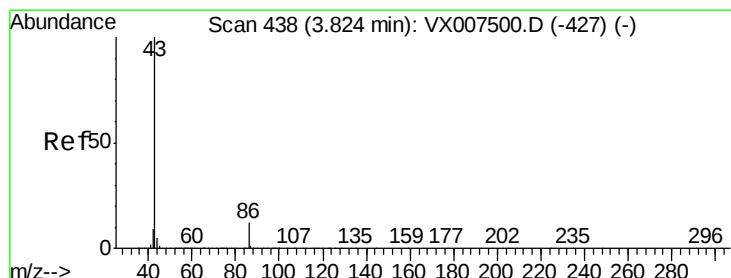
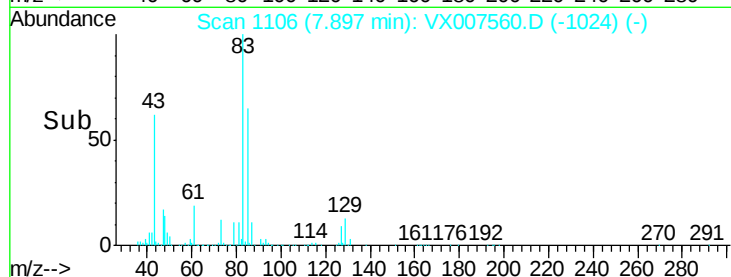
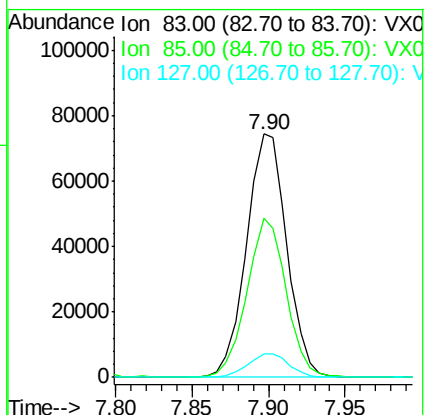
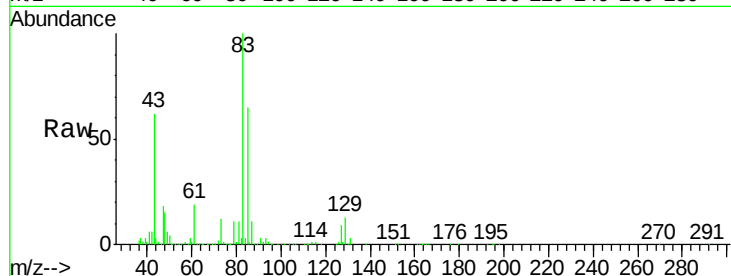
Tot Ion: 83 Resp: 135933

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7

127 9.4 7.2 10.8



#42

Vinyl Acetate

Concen: 98.668 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007560.D

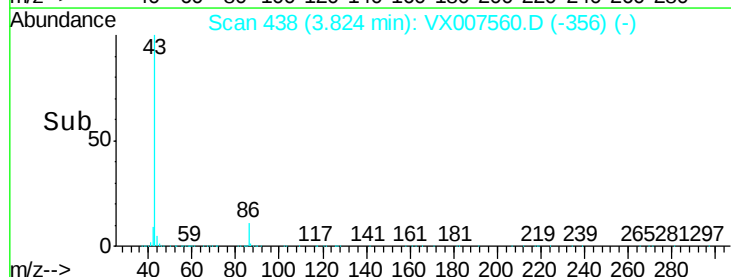
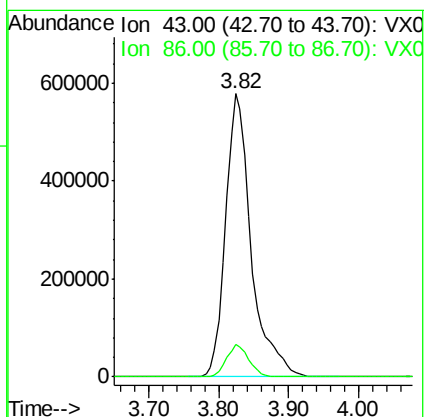
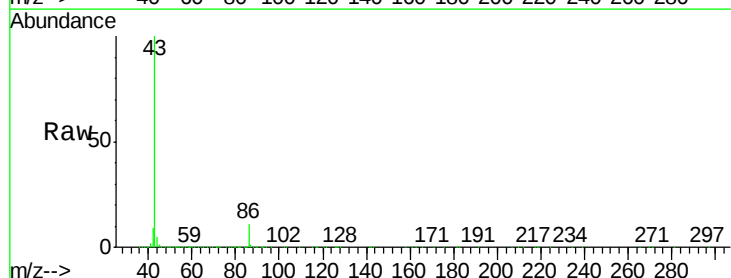
Acq: 15 Feb 2019 11:09

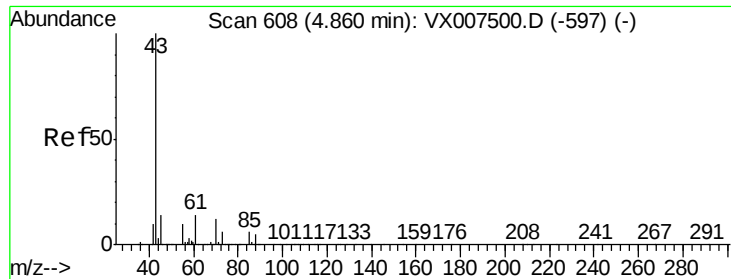
Tgt Ion: 43 Resp: 1472251

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.2

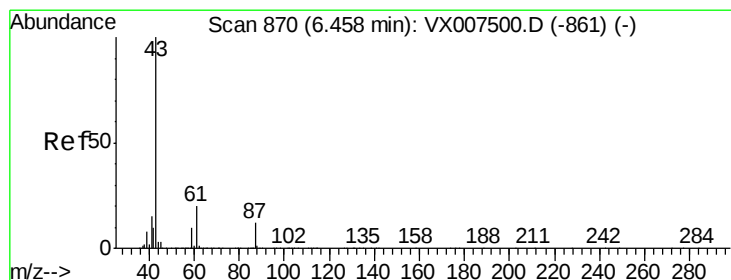
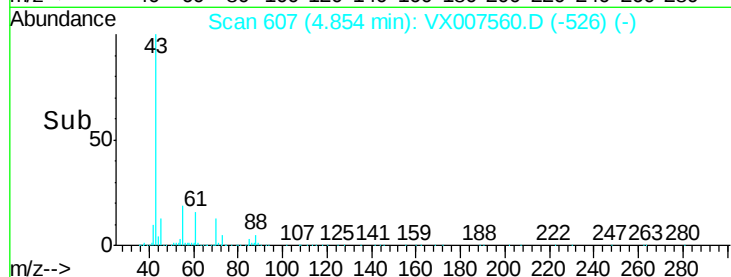
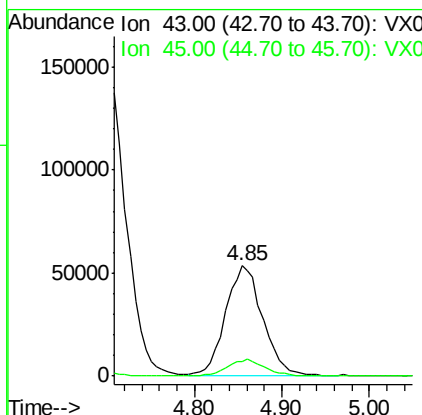
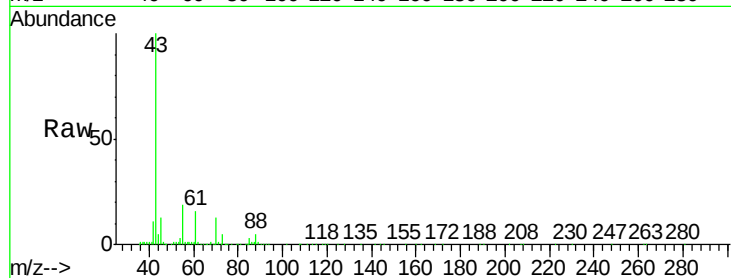




#43
Ethyl Acetate
Concen: 19.247 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

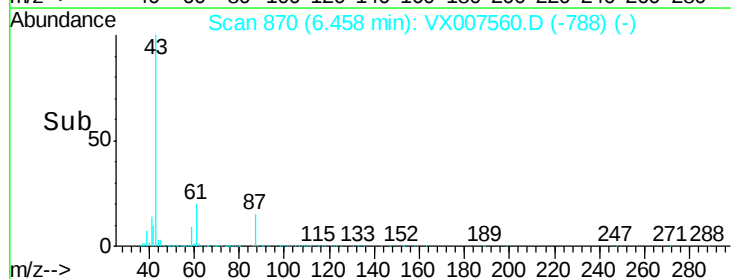
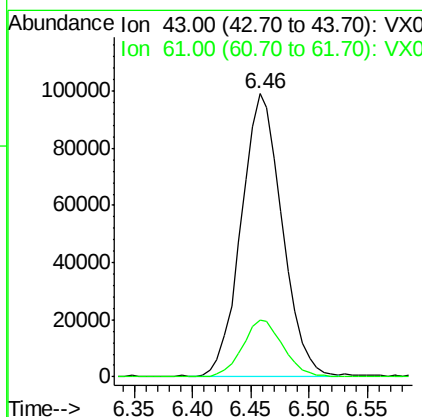
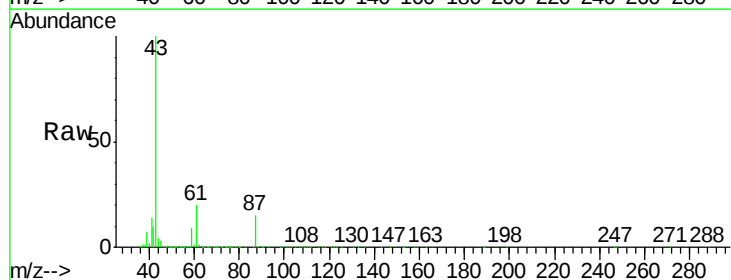
Instrument :
MSVOA_W
ClientSampleId :

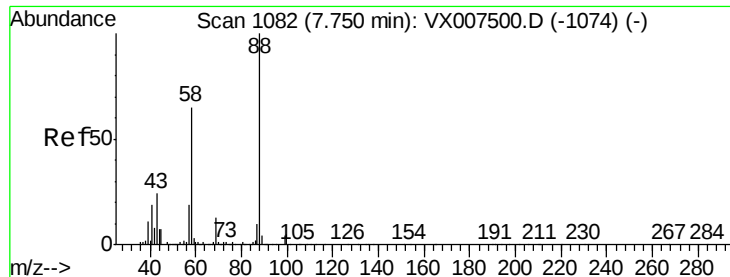
Tot Ion: 43 Resp: 157123
Ion Ratio Lower Upper
43 100
45 15.3 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.249 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion: 43 Resp: 242620
Ion Ratio Lower Upper
43 100
61 19.8 16.1 24.1





#45

1,4-Dioxane

Concen: 393.613 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

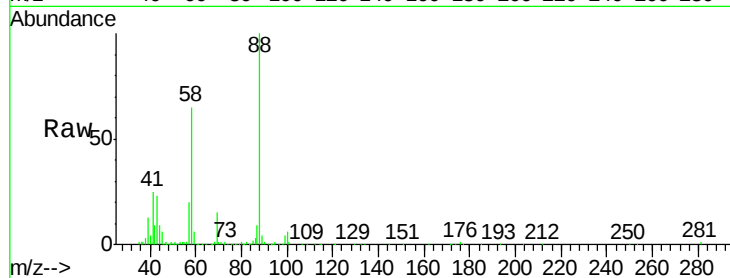
Tot Ion: 88 Resp: 58552

Ion Ratio Lower Upper

88 100

43 26.8 23.6 35.4

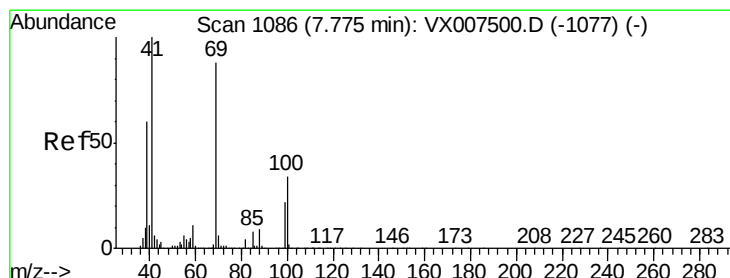
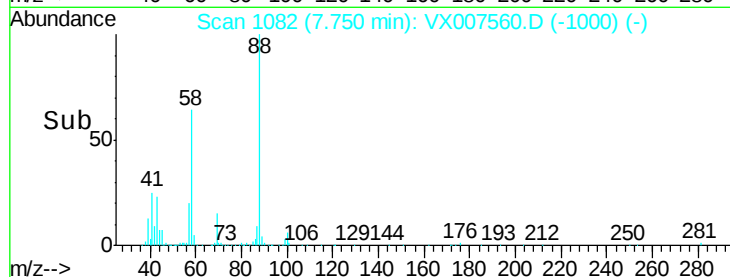
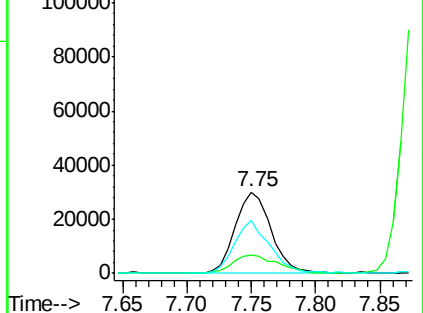
58 62.0 51.6 77.4



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



#46

Methyl methacrylate

Concen: 19.095 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

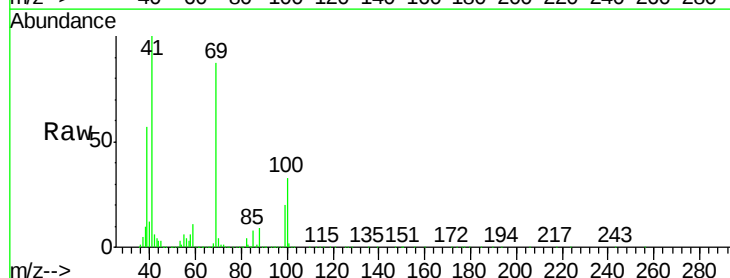
Tgt Ion: 41 Resp: 121877

Ion Ratio Lower Upper

41 100

69 86.8 44.2 132.6

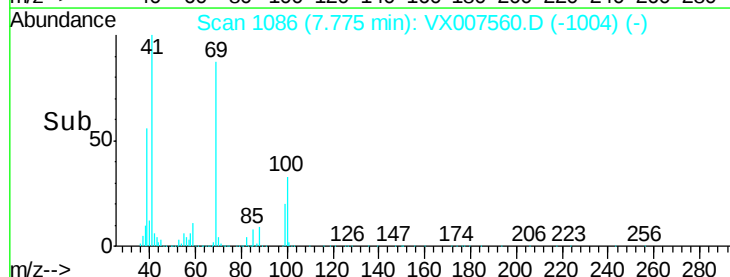
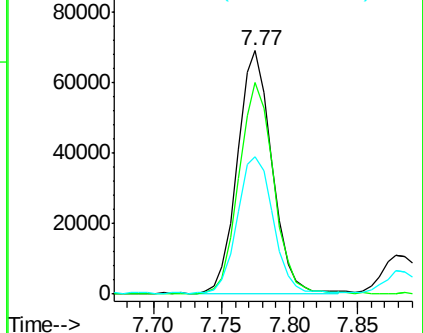
39 56.0 29.9 89.8

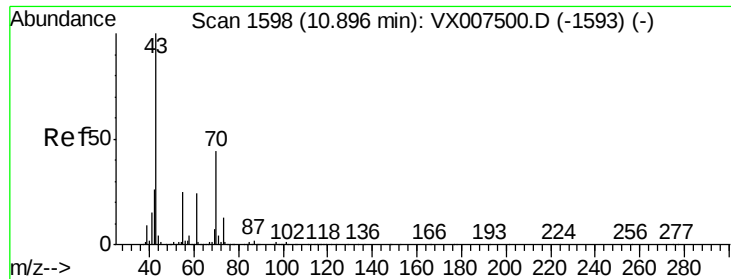


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.236 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

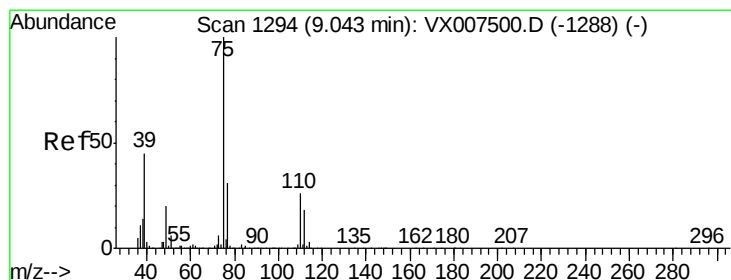
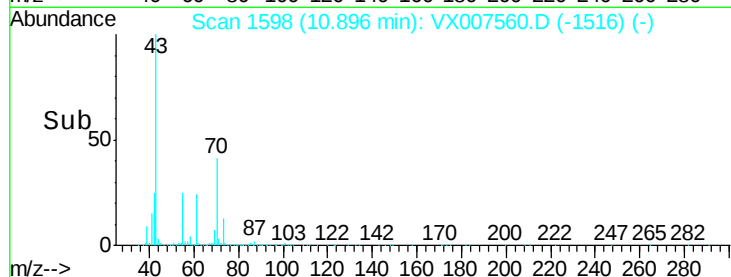
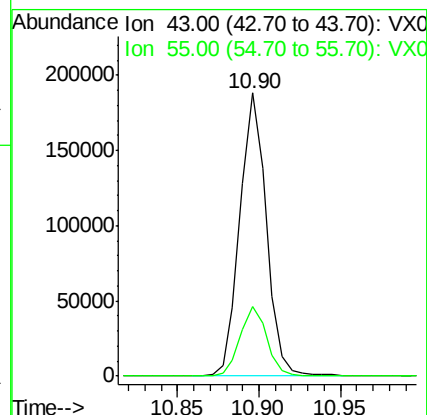
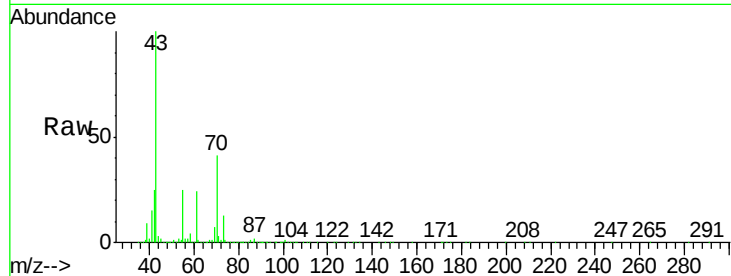
ClientSampled :

Tot Ion: 43 Resp: 213704

Ion Ratio Lower Upper

43 100

55 24.6 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.546 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007560.D

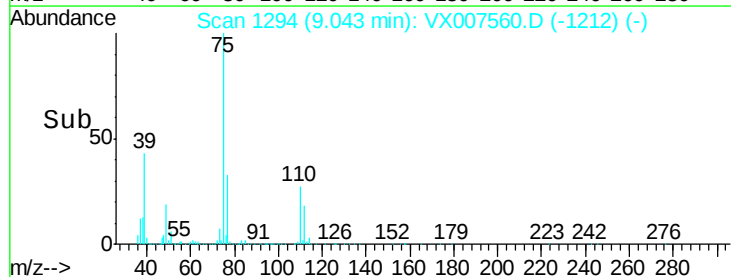
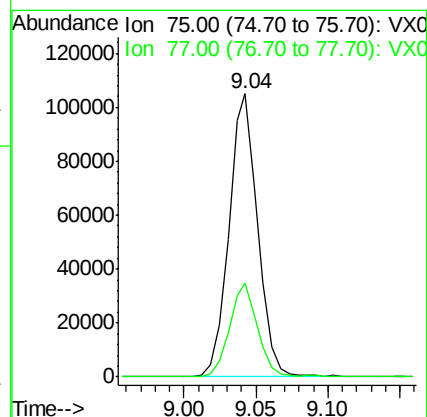
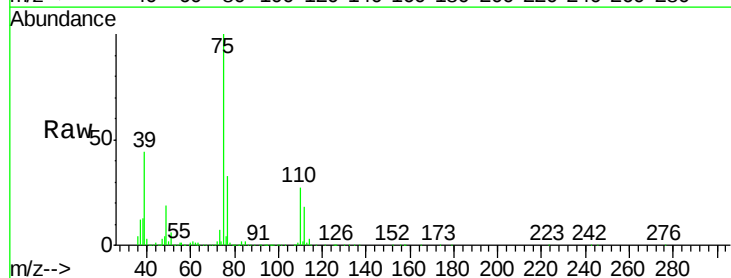
Acq: 15 Feb 2019 11:09

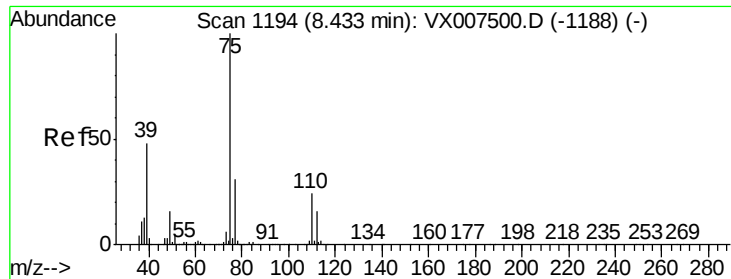
Tgt Ion: 75 Resp: 146079

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7



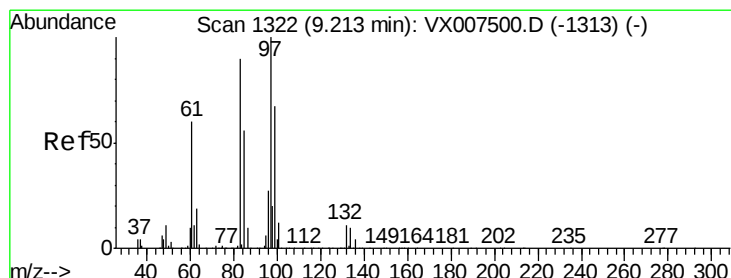
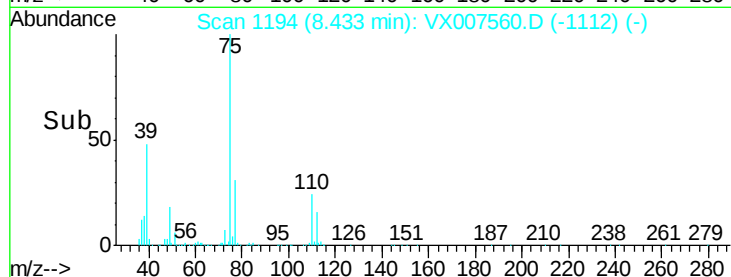
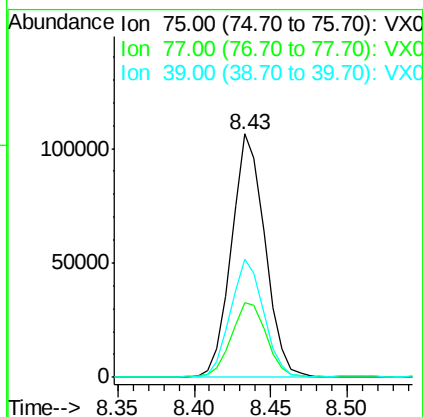
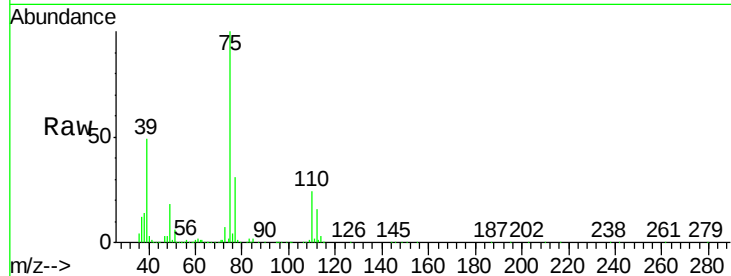


#49

cis-1,3-Dichloropropene
Concen: 19.424 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampled :

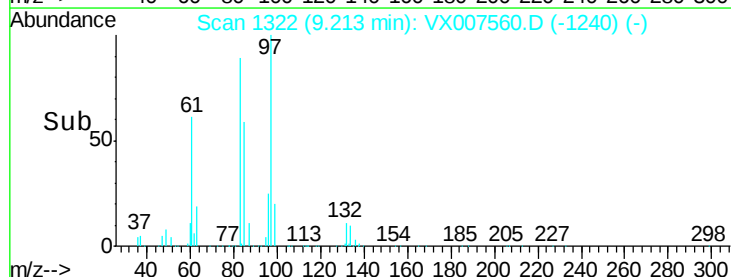
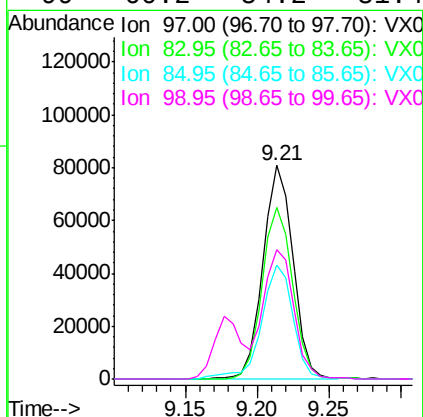
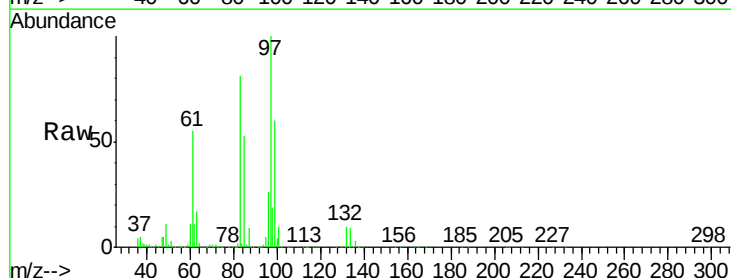
Tot Ion:	75	Resp:	161650
Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.0	37.4
39	48.1	38.5	57.7

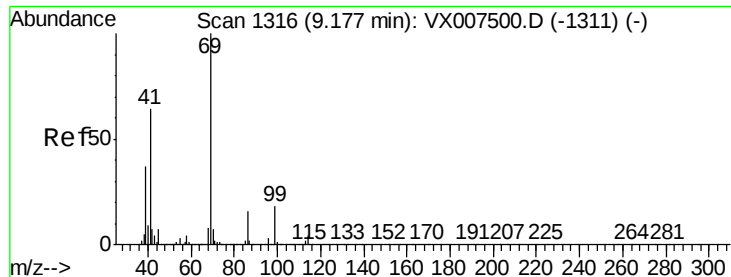


#50

1,1,2-Trichloroethane
Concen: 19.626 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion:	97	Resp:	116738
Ion	Ratio	Lower	Upper
97	100		
83	80.5	72.0	108.0
85	53.2	45.0	67.6
99	60.2	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.866 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampleId :

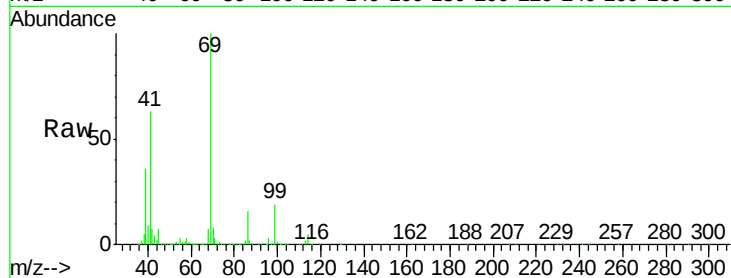
Tot Ion: 69 Resp: 162689

Ion Ratio Lower Upper

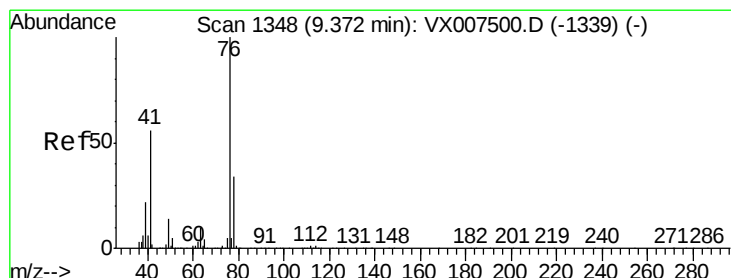
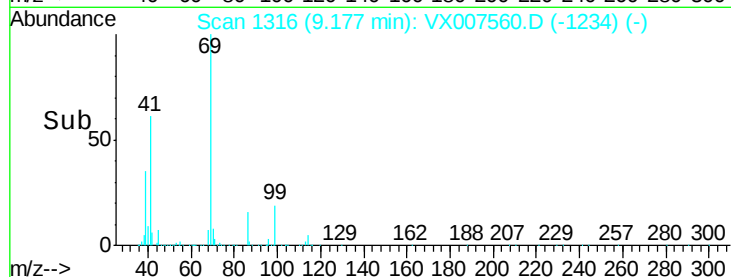
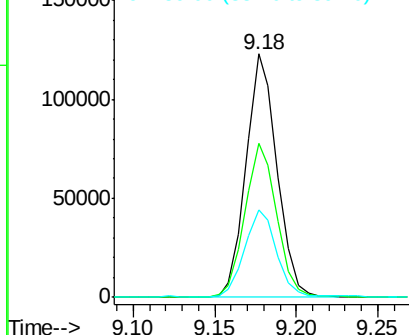
69 100

41 63.1 32.1 96.5

39 35.8 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.003 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007560.D

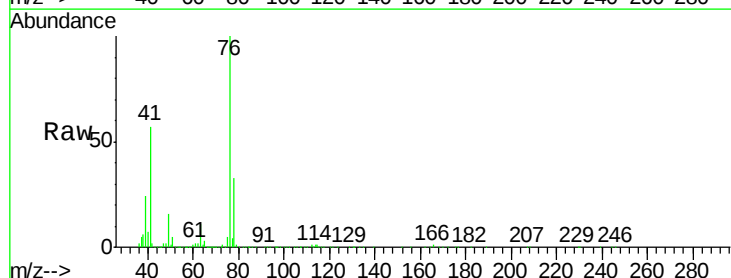
Acq: 15 Feb 2019 11:09

Tgt Ion: 76 Resp: 182326

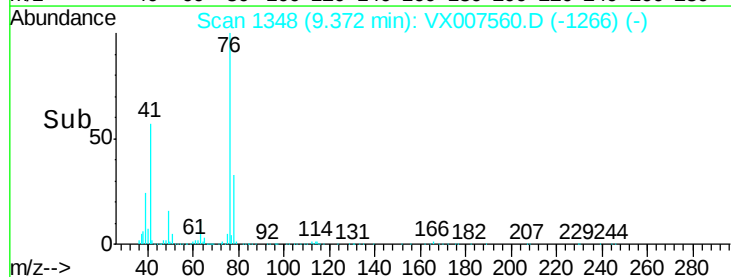
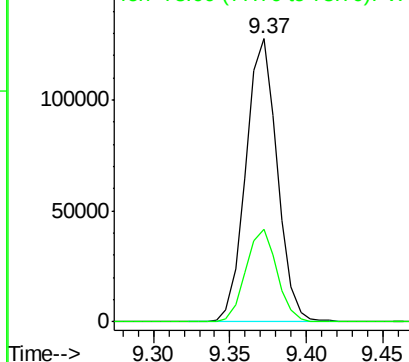
Ion Ratio Lower Upper

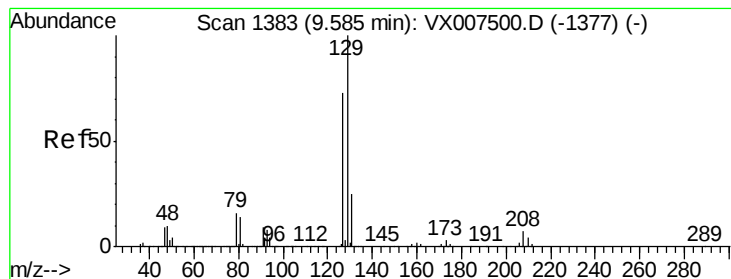
76 100

78 32.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.887 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

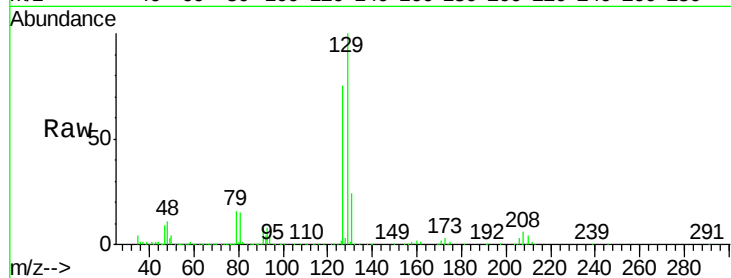
ClientSampleId :

Tot Ion:129 Resp: 116848

Ion Ratio Lower Upper

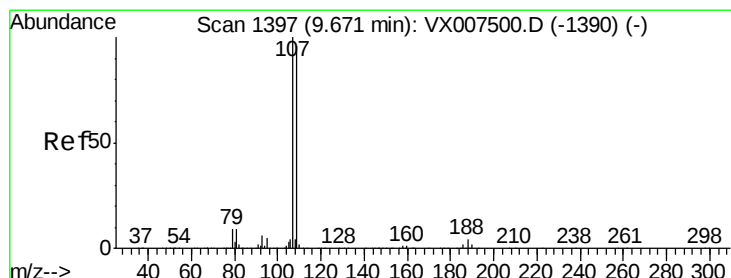
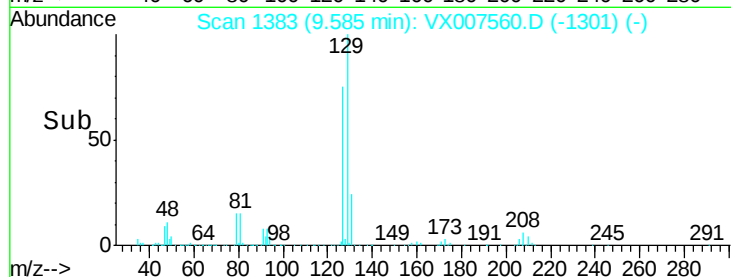
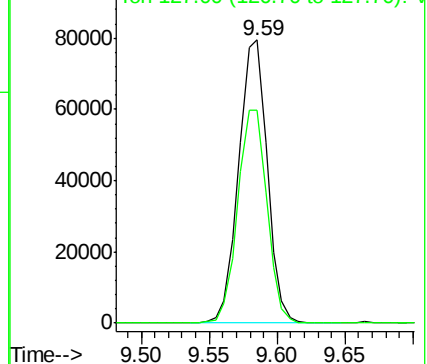
129 100

127 76.8 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.050 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007560.D

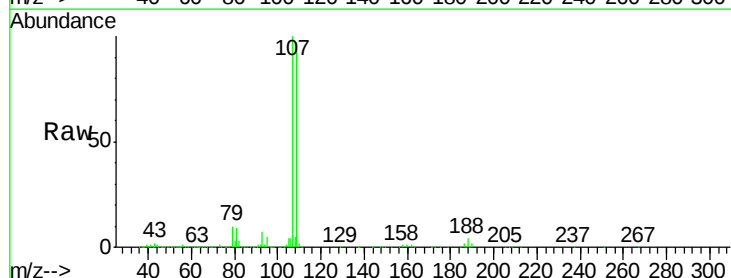
Acq: 15 Feb 2019 11:09

Tgt Ion:107 Resp: 124073

Ion Ratio Lower Upper

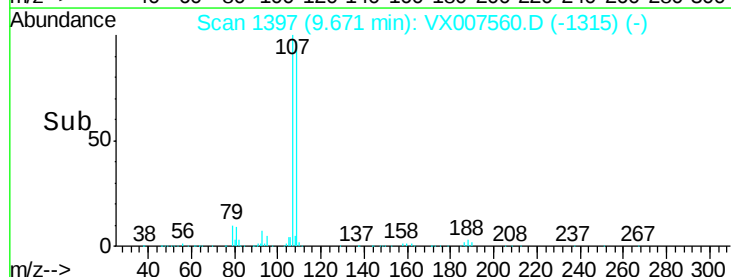
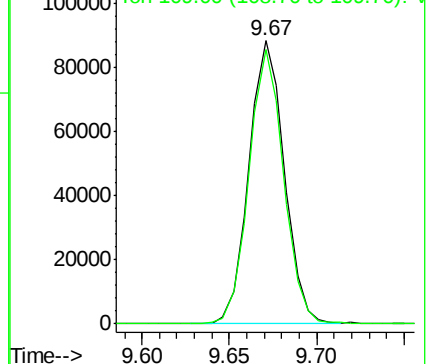
107 100

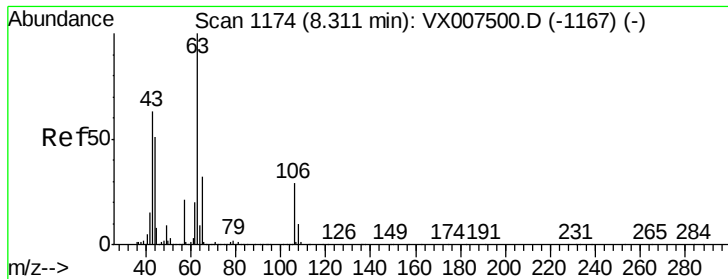
109 94.4 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 104.077 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007560.D

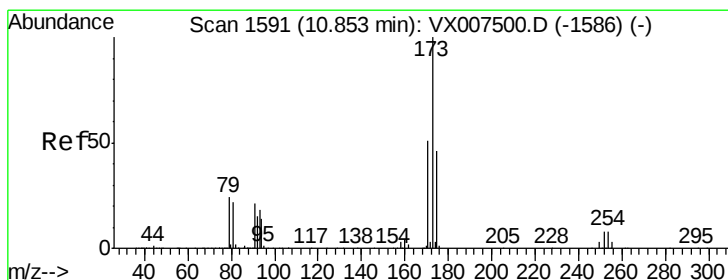
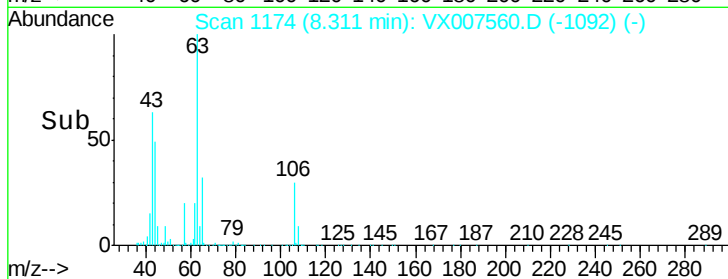
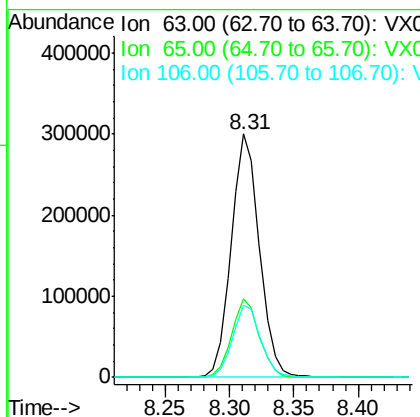
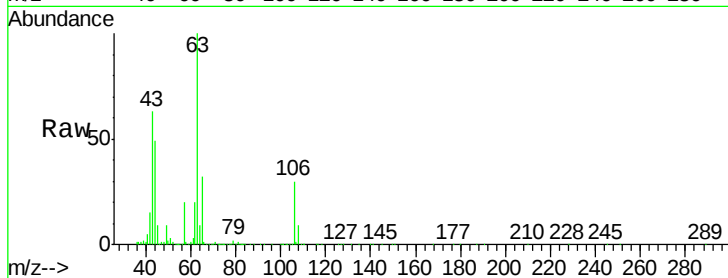
Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	63	Resp:	456287
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.7	38.5
106	29.9	23.7	35.5



#56

Bromoform

Concen: 18.267 ug/l

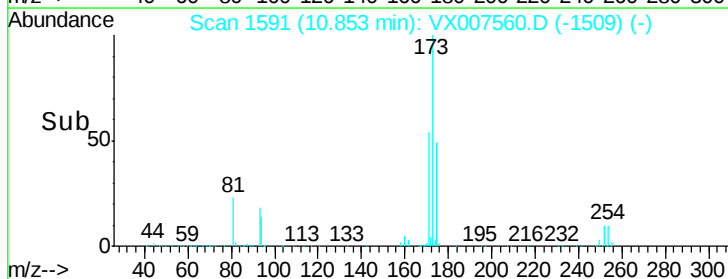
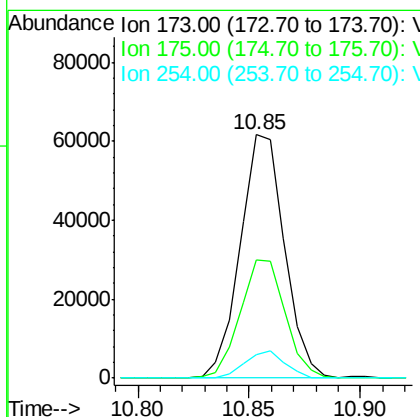
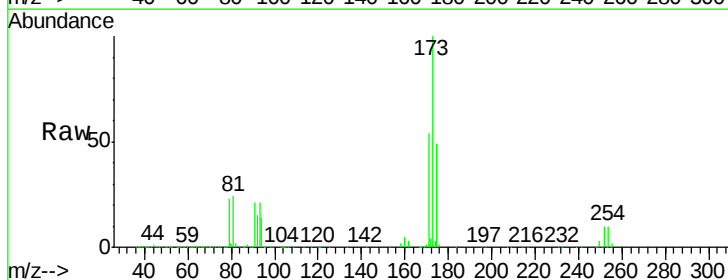
RT: 10.85 min Scan# 1591

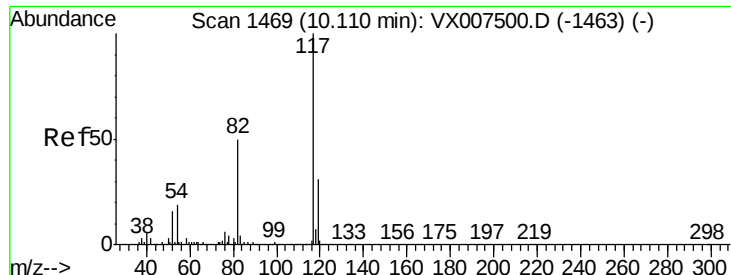
Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Tgt Ion:	173	Resp:	85245
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.5	57.7
254	10.2	7.4	11.2

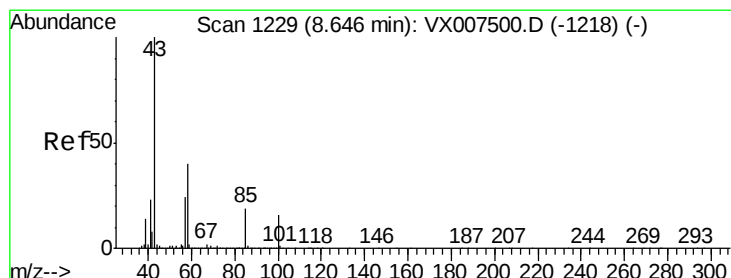
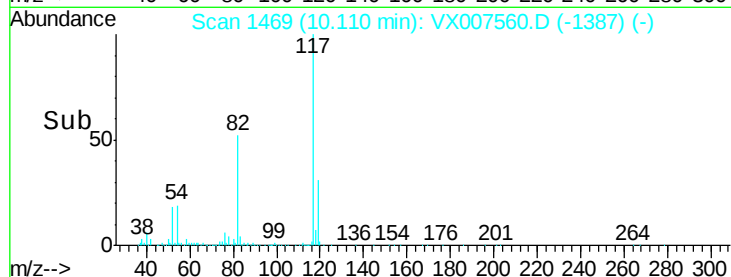
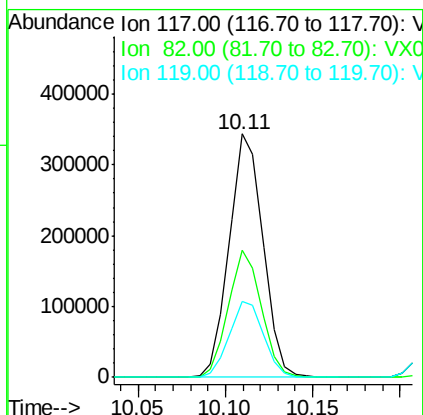
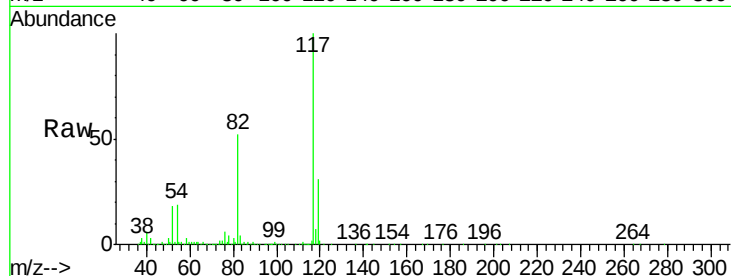




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

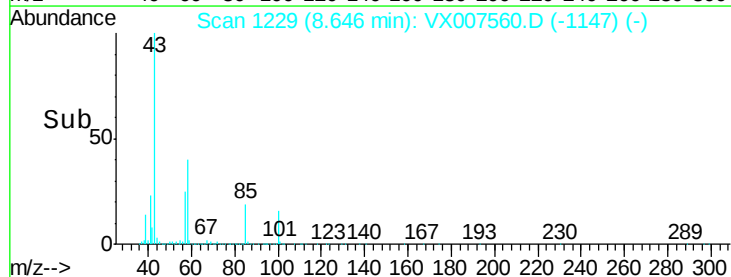
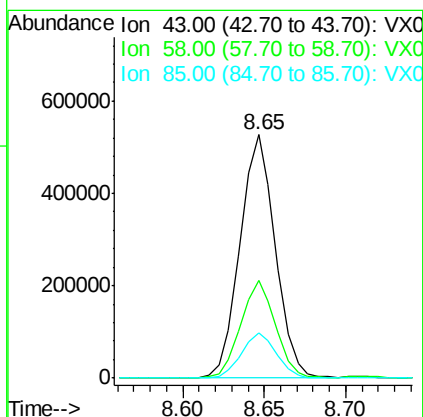
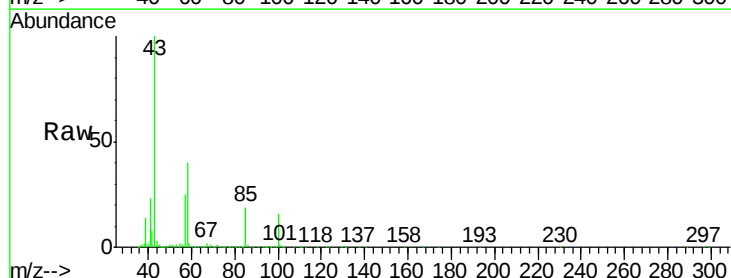
Instrument :
MSVOA_W
ClientSampled :

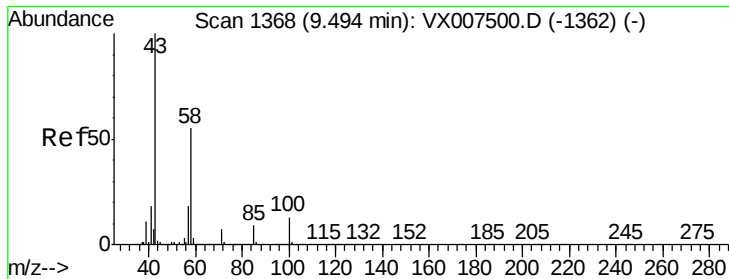
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.4	60.6
119	31.8	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 95.357 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.4	47.0
85	18.5	15.0	22.6

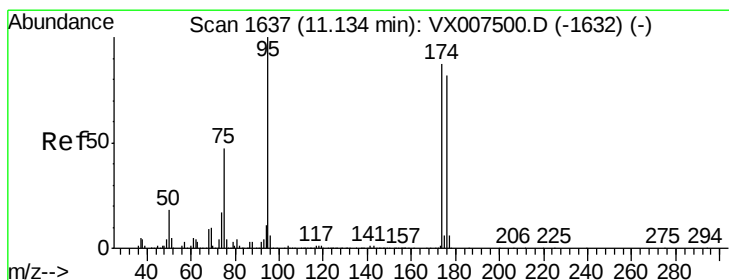
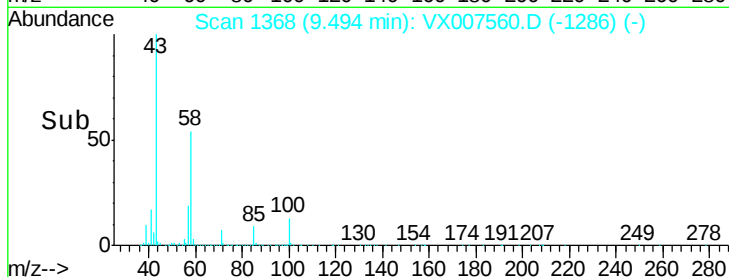
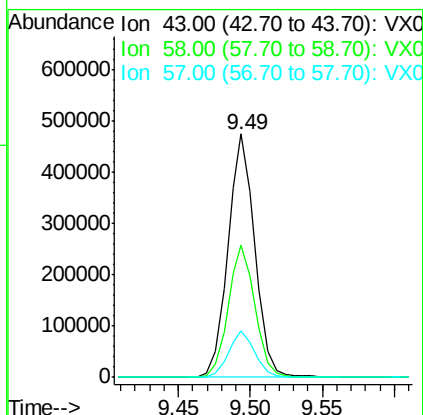
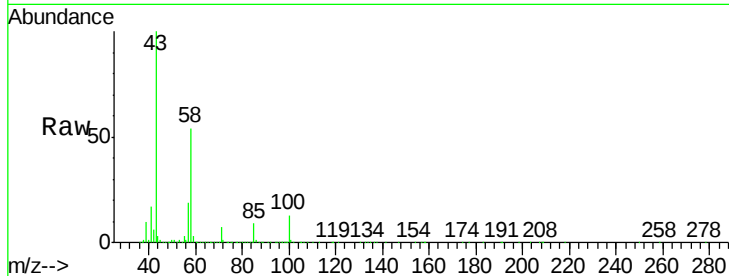




#59
2-Hexanone
Concen: 97.863 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

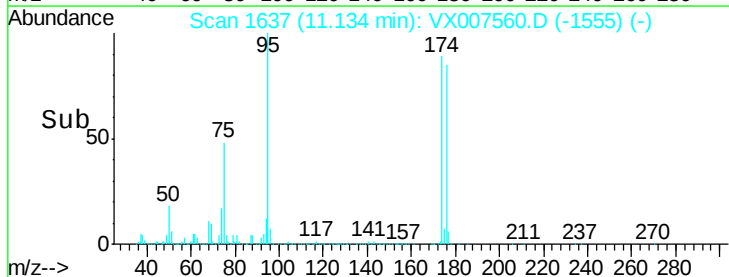
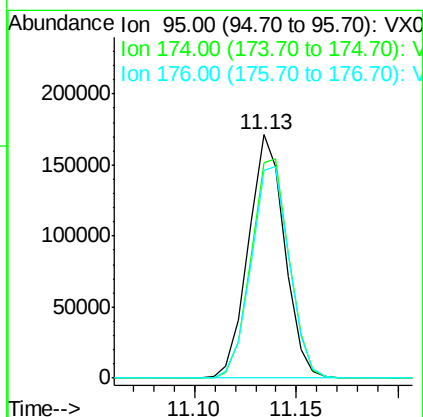
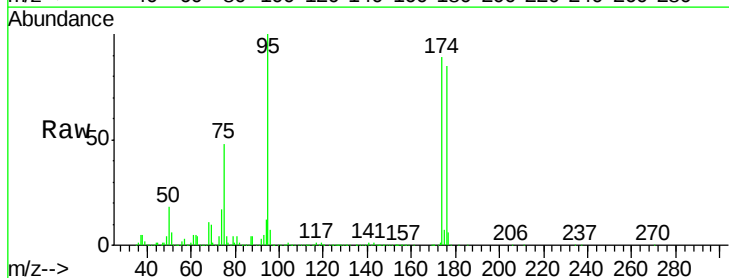
Instrument :
MSVOA_W
ClientSampled :

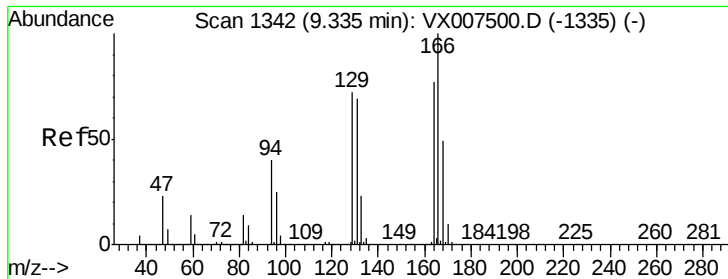
Tot Ion: 43 Resp: 619094
Ion Ratio Lower Upper
43 100
58 54.2 43.9 65.9
57 18.6 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.759 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion: 95 Resp: 211486
Ion Ratio Lower Upper
95 100
174 95.0 74.9 112.3
176 92.0 70.7 106.1





#61

Tetrachloroethene

Concen: 20.190 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 132715

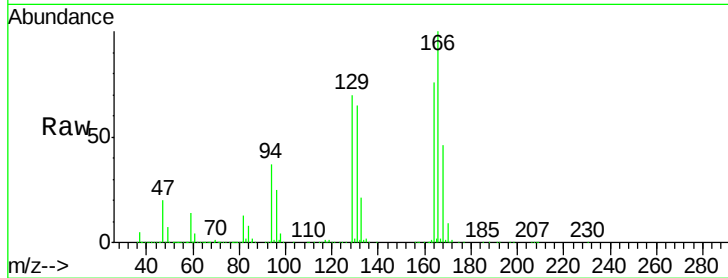
Ion Ratio Lower Upper

164 100

166 130.8 103.9 155.9

129 90.8 74.7 112.1

131 84.4 71.7 107.5

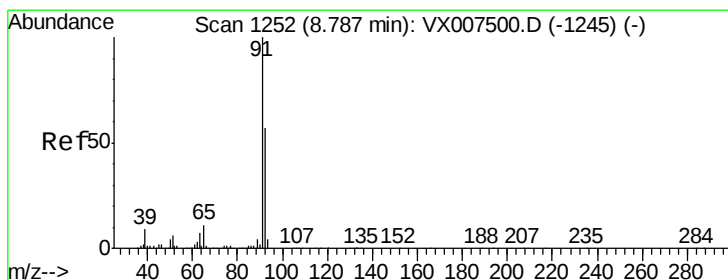
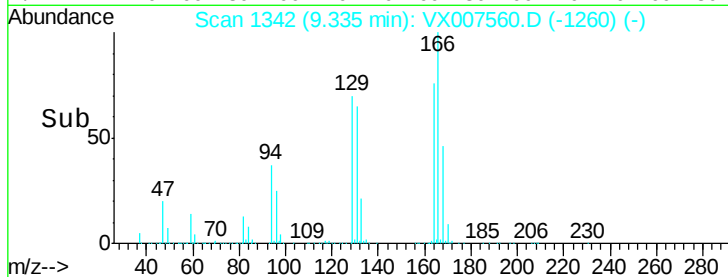
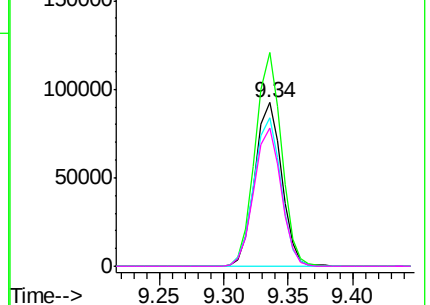


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.260 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007560.D

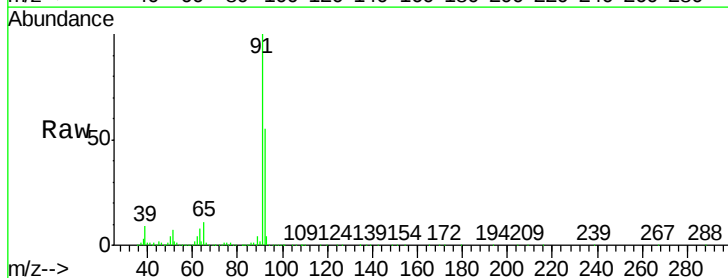
Acq: 15 Feb 2019 11:09

Tgt Ion: 91 Resp: 485686

Ion Ratio Lower Upper

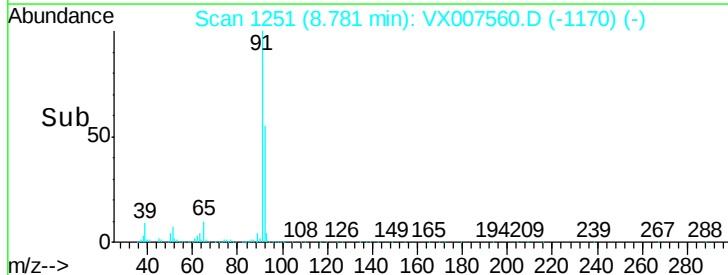
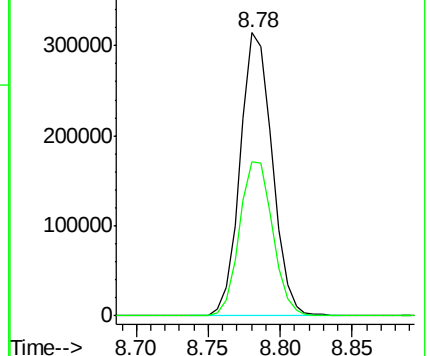
91 100

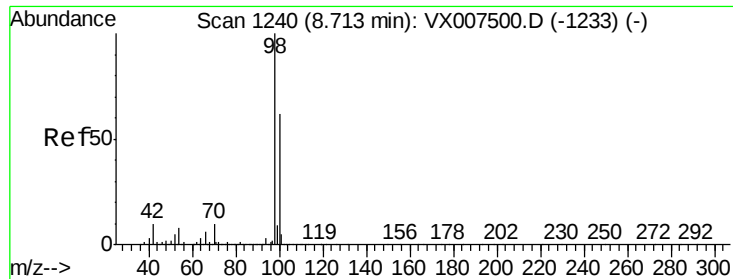
92 56.7 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.524 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

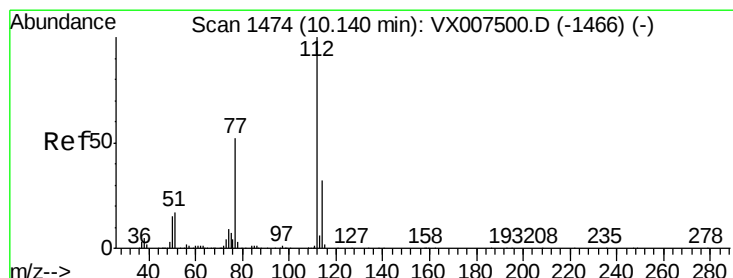
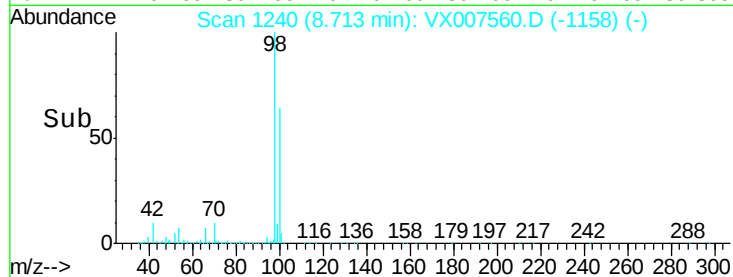
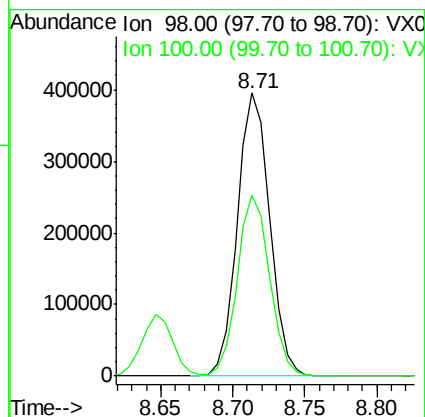
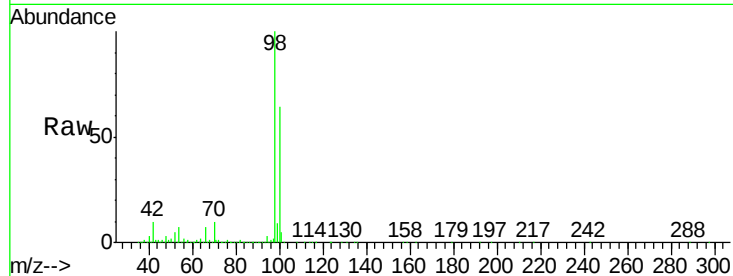
ClientSampleId :

Tot Ion: 98 Resp: 617889

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#64

Chlorobenzene

Concen: 19.277 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007560.D

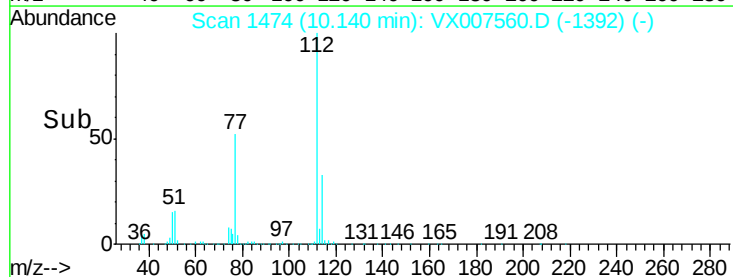
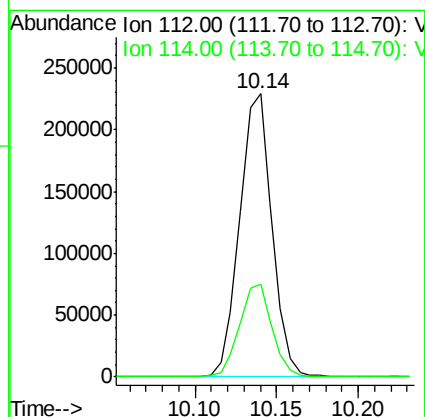
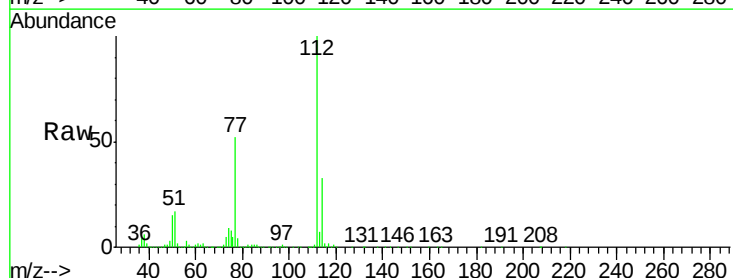
Acq: 15 Feb 2019 11:09

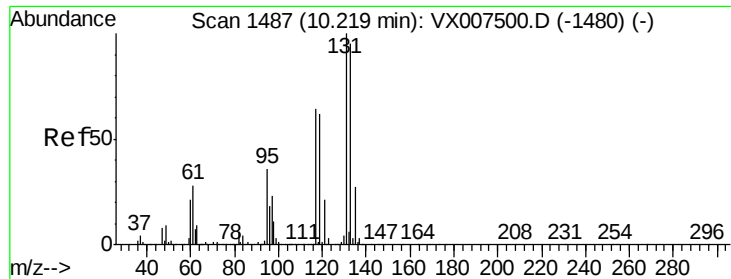
Tgt Ion: 112 Resp: 315907

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.258 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampled :

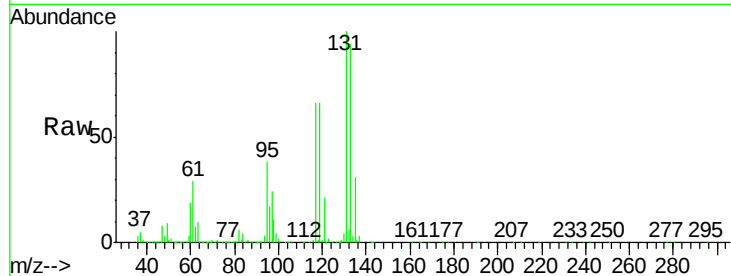
Tot Ion:131 Resp: 114312

Ion Ratio Lower Upper

131 100

133 94.9 0.0 191.6

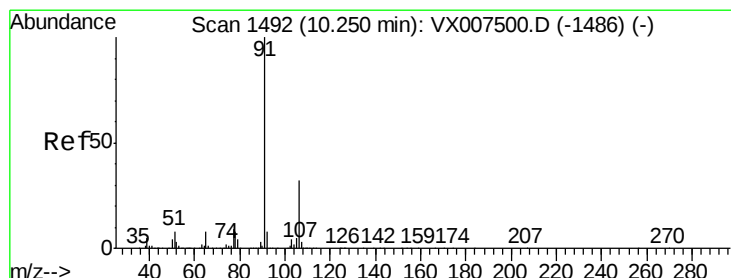
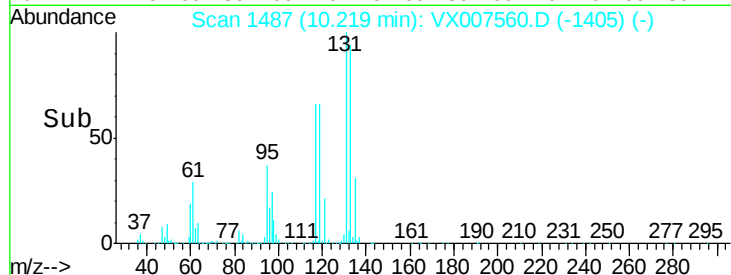
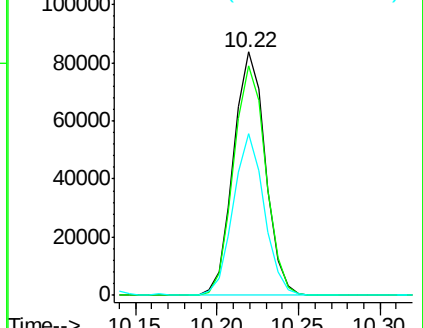
119 64.5 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.602 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007560.D

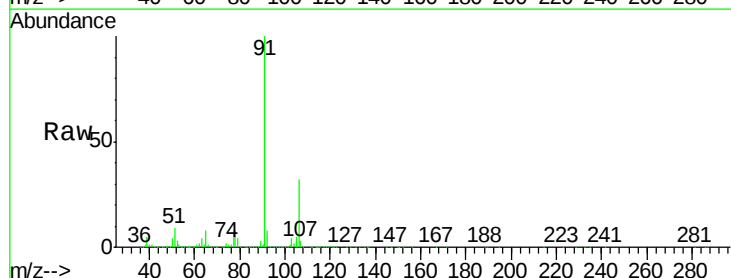
Acq: 15 Feb 2019 11:09

Tgt Ion: 91 Resp: 524559

Ion Ratio Lower Upper

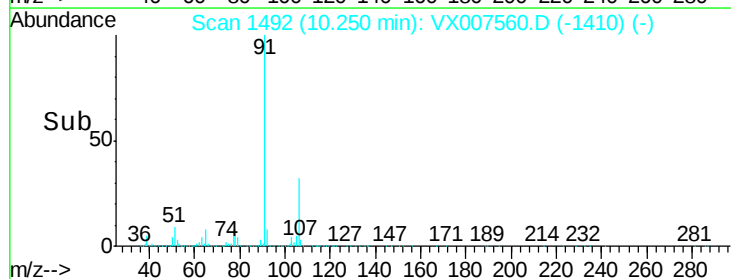
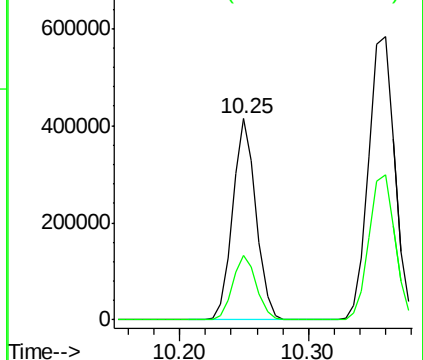
91 100

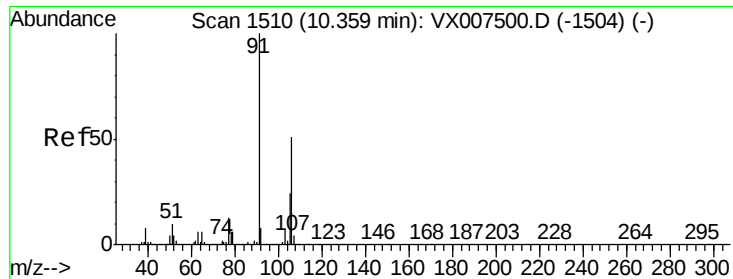
106 32.3 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

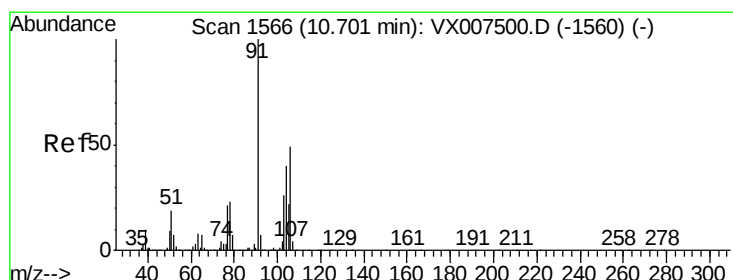
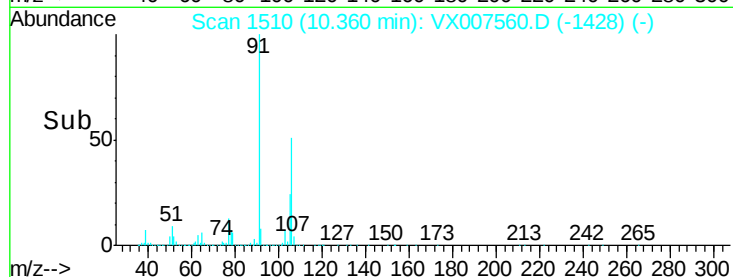
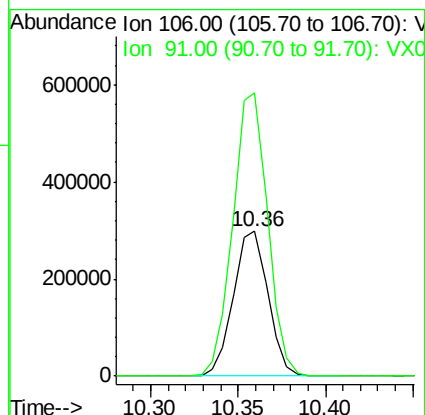
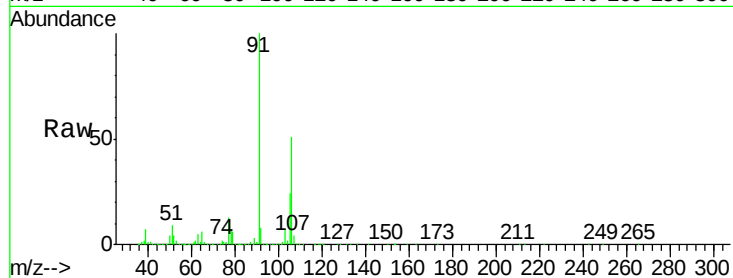




#67
m/p-Xylenes
Concen: 39.148 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

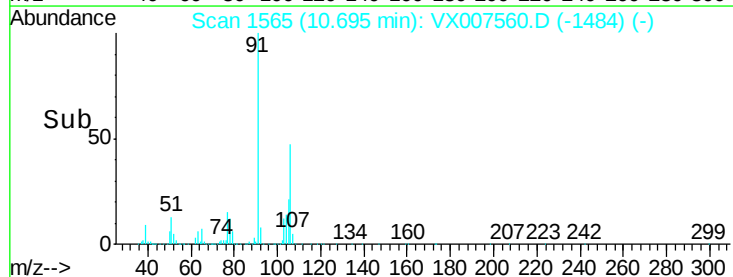
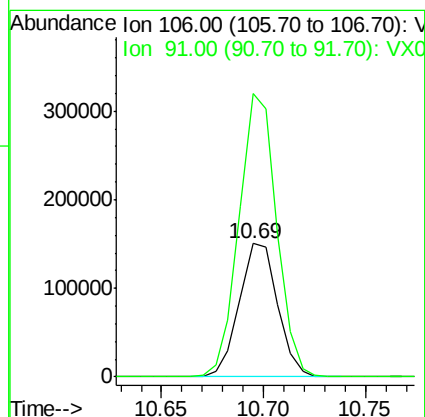
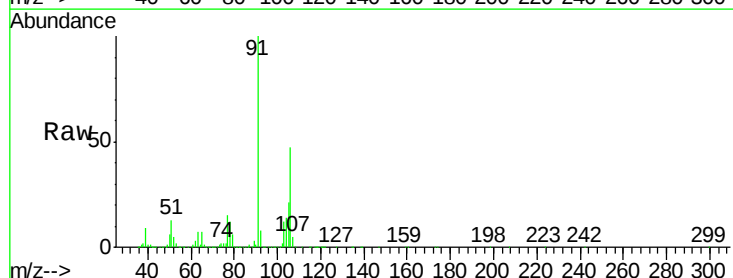
Instrument :
MSVOA_W
ClientSampled :

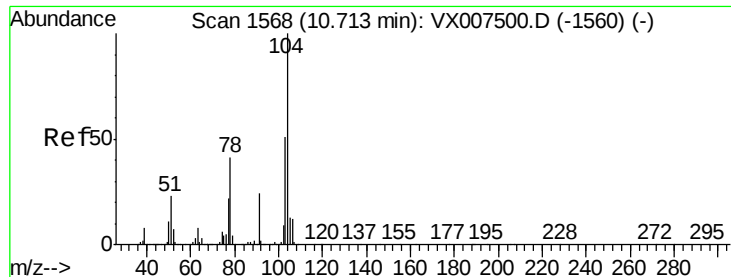
Tot Ion:106 Resp: 410894
Ion Ratio Lower Upper
106 100
91 196.7 157.0 235.4



#68
o-Xylene
Concen: 19.241 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion:106 Resp: 196965
Ion Ratio Lower Upper
106 100
91 208.1 104.4 313.2





#69

Stvrene

Concen: 19.309 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

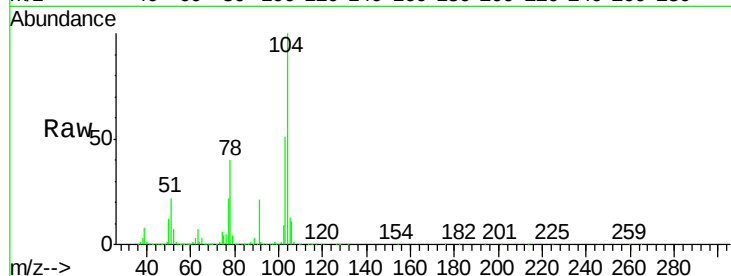
Tot Ion:104 Resp: 318970

Ion Ratio Lower Upper

104 100

78 47.4 38.2 57.2

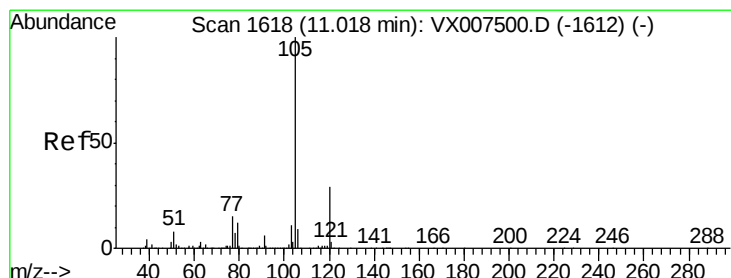
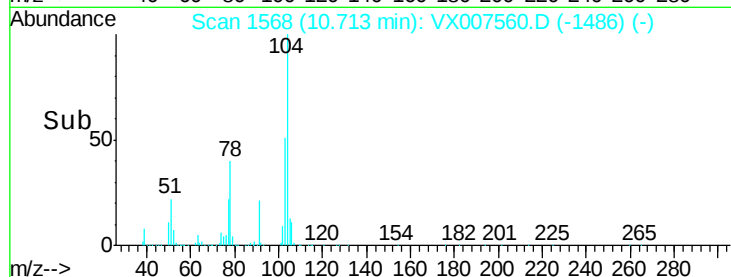
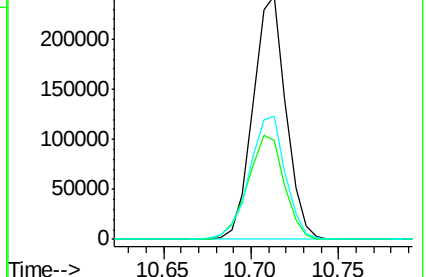
103 55.4 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.793 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007560.D

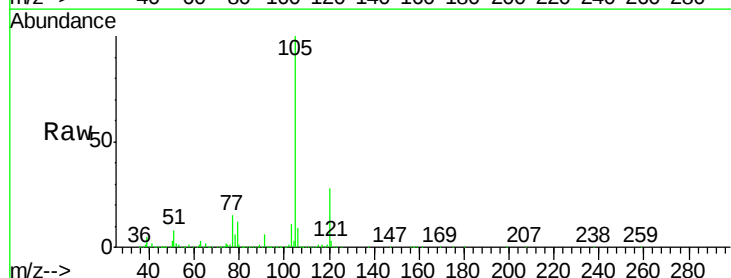
Acq: 15 Feb 2019 11:09

Tgt Ion:105 Resp: 534544

Ion Ratio Lower Upper

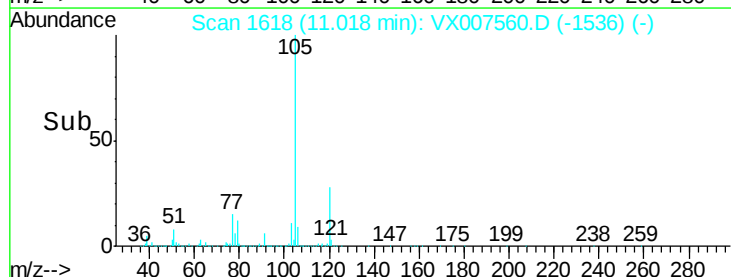
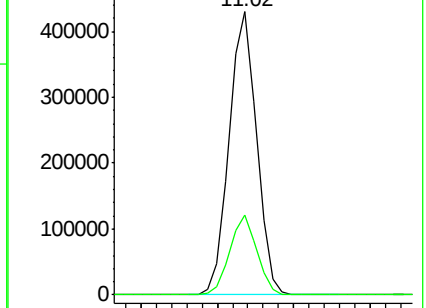
105 100

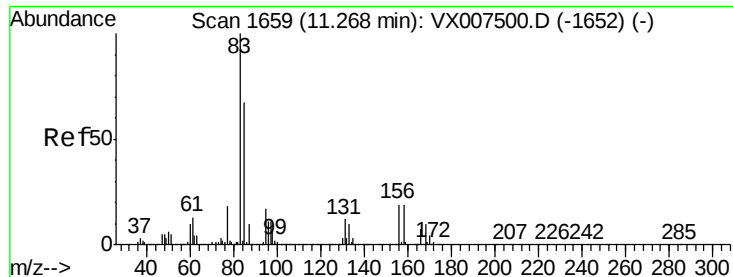
120 27.7 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.018 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

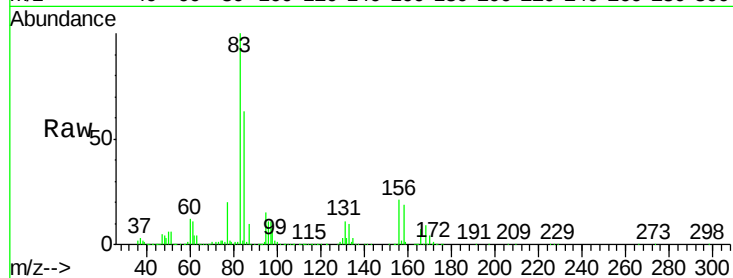
Tot Ion: 83 Resp: 169781

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

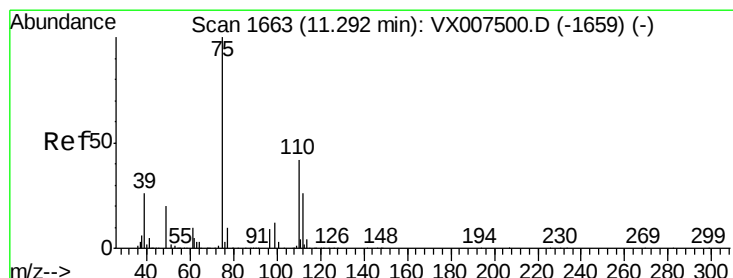
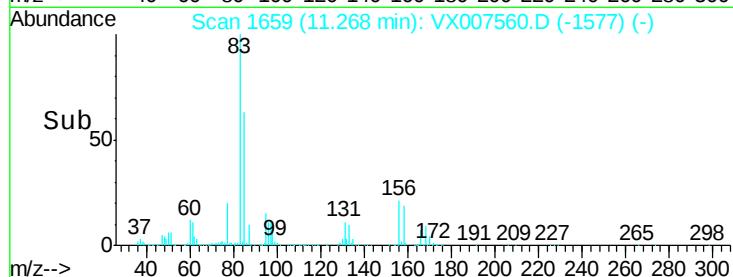
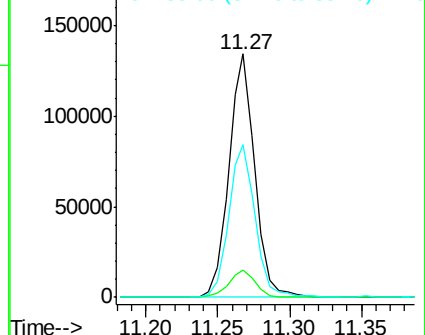
85 64.2 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.361 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007560.D

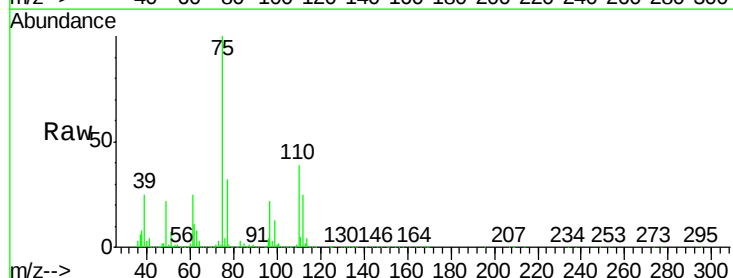
Acq: 15 Feb 2019 11:09

Tgt Ion: 75 Resp: 190685

Ion Ratio Lower Upper

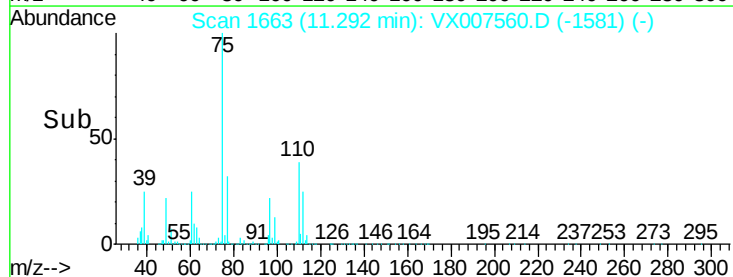
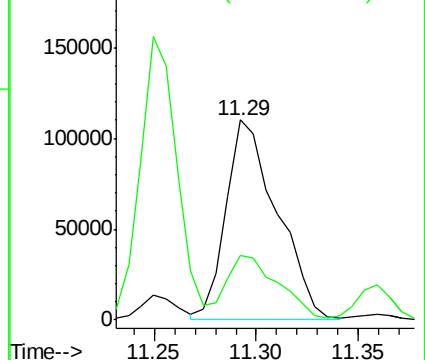
75 100

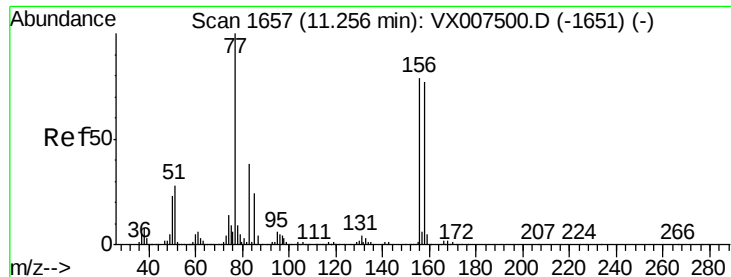
77 33.1 0.0 76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.599 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

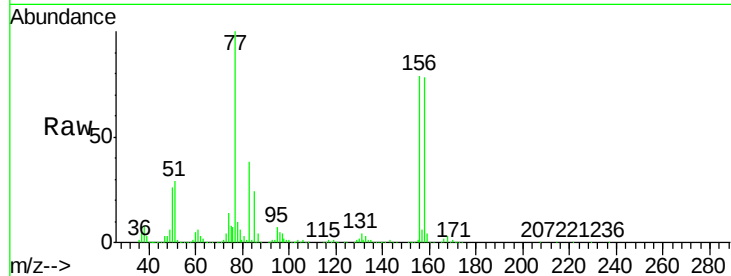
Tot Ion:156 Resp: 144510

Ion Ratio Lower Upper

156 100

77 134.0 0.0 271.4

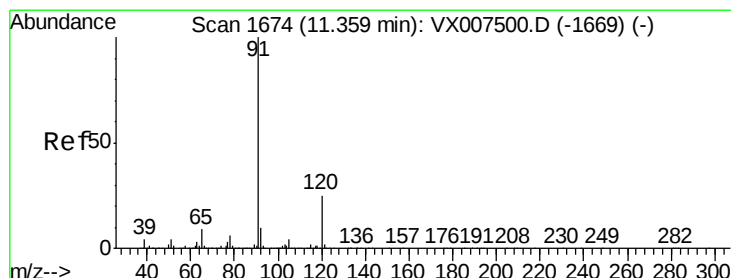
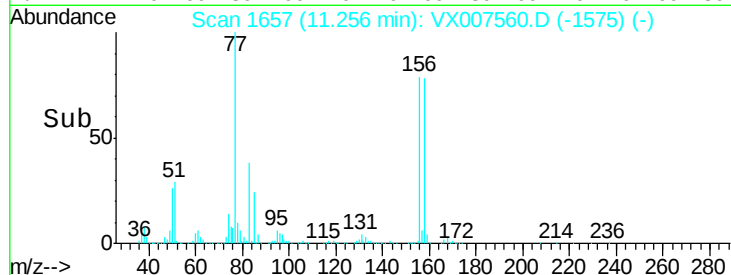
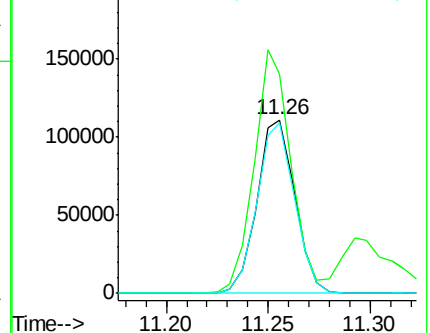
158 97.1 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.266 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007560.D

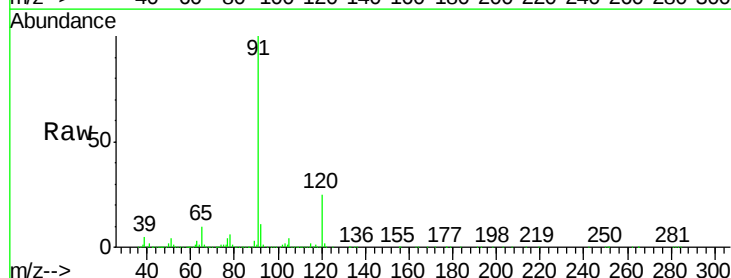
Acq: 15 Feb 2019 11:09

Tgt Ion: 91 Resp: 607712

Ion Ratio Lower Upper

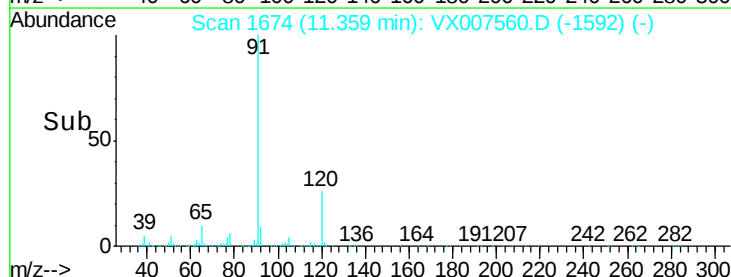
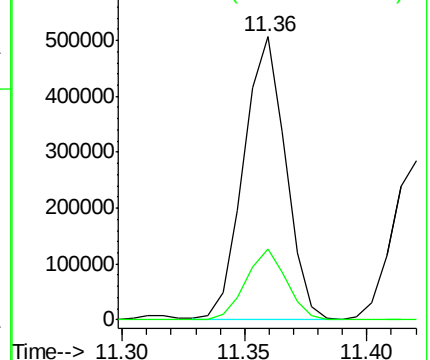
91 100

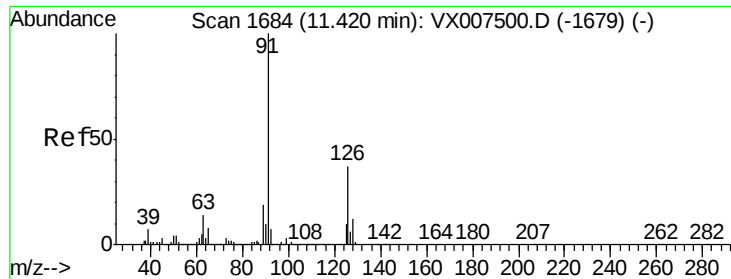
120 24.2 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.719 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

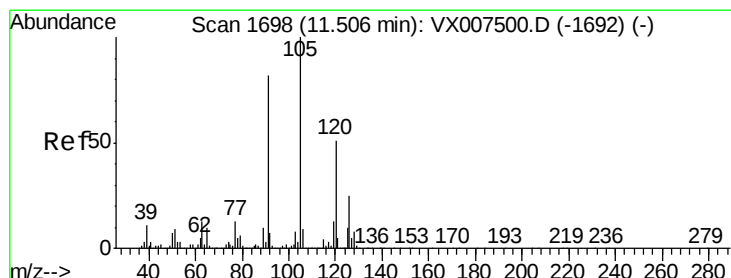
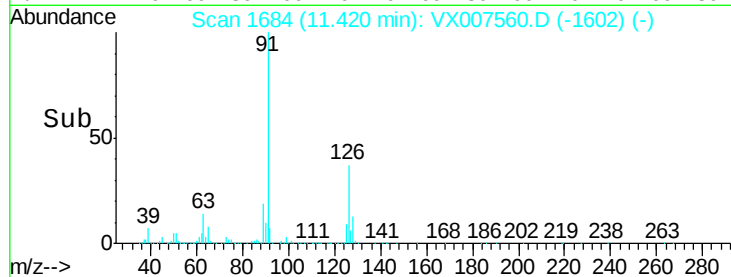
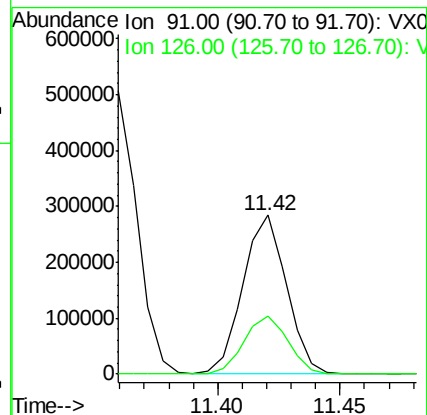
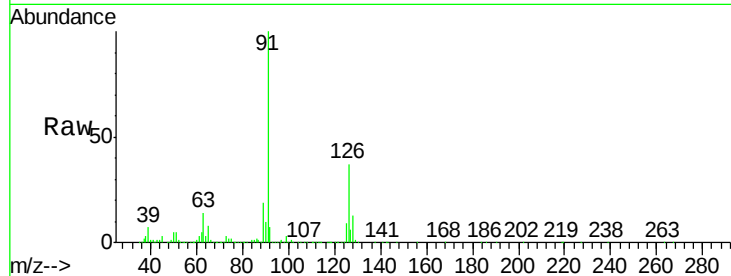
ClientSampled :

Tot Ion: 91 Resp: 353551

Ion Ratio Lower Upper

91 100

126 36.9 0.0 75.2



#76

1,3,5-Trimethylbenzene

Concen: 20.014 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007560.D

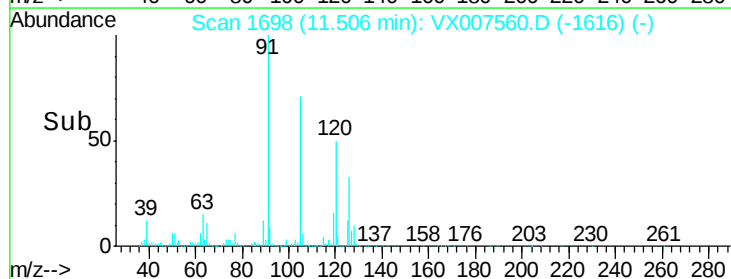
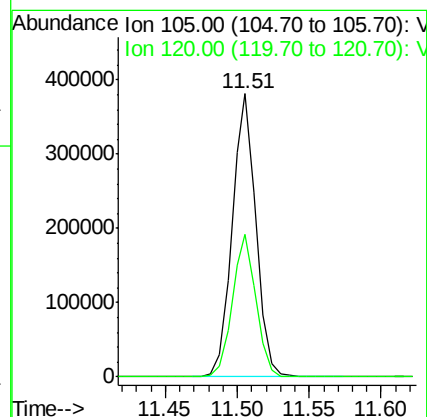
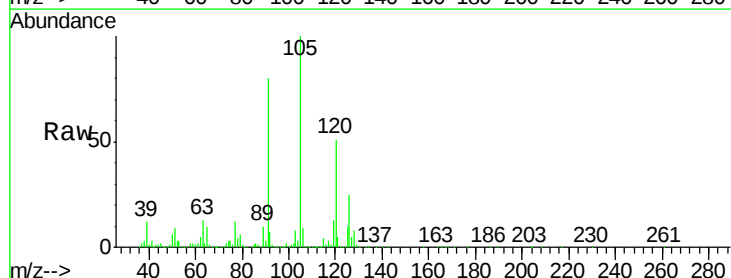
Acq: 15 Feb 2019 11:09

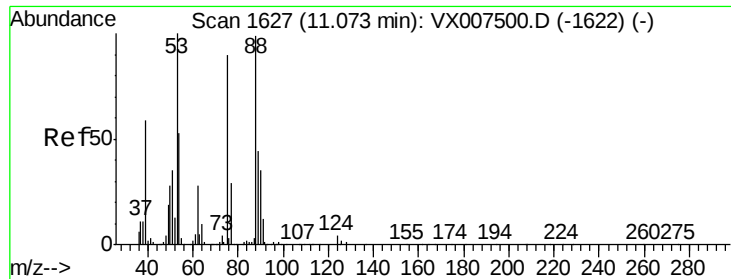
Tgt Ion: 105 Resp: 441226

Ion Ratio Lower Upper

105 100

120 49.9 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.420 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampled :

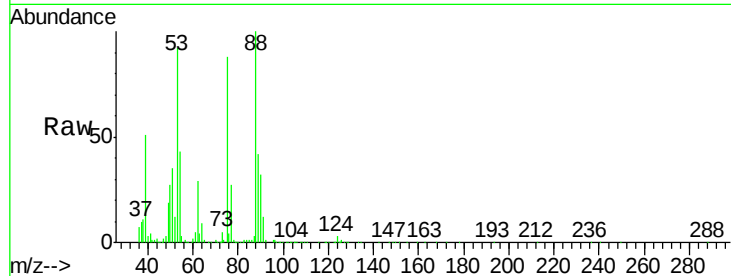
Tot Ion: 75 Resp: 45756

Ion Ratio Lower Upper

75 100

53 104.2 55.5 166.7

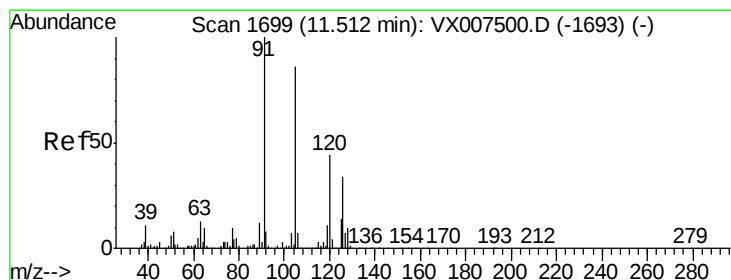
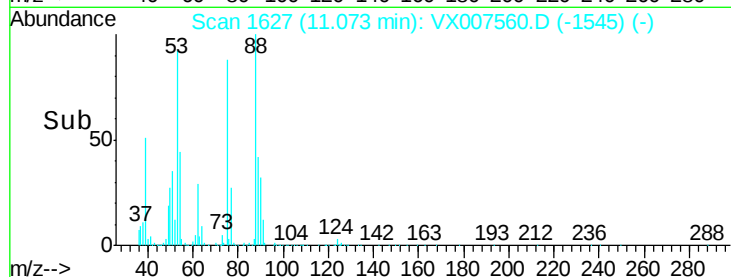
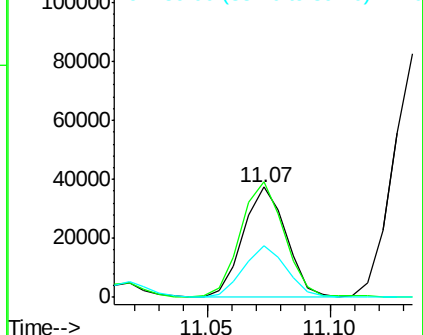
89 47.1 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.645 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007560.D

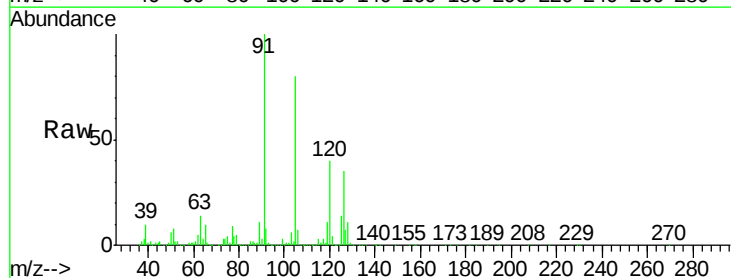
Acq: 15 Feb 2019 11:09

Tgt Ion: 91 Resp: 402036

Ion Ratio Lower Upper

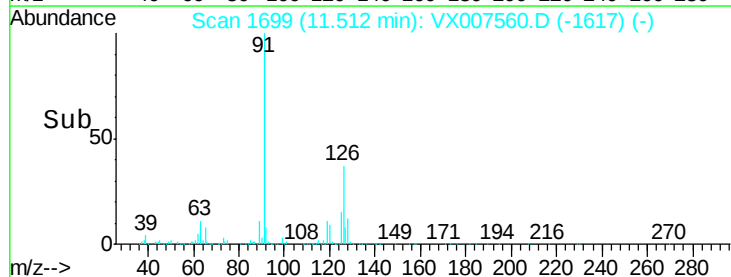
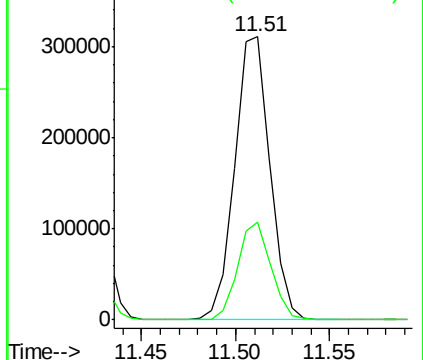
91 100

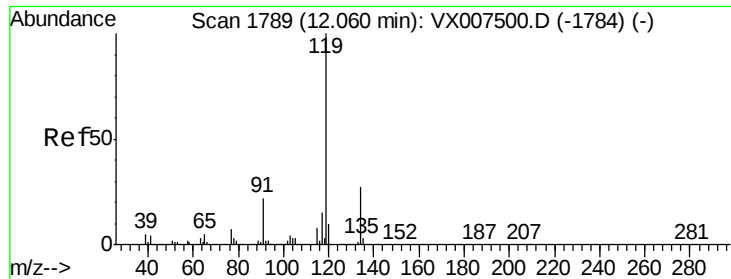
126 32.7 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

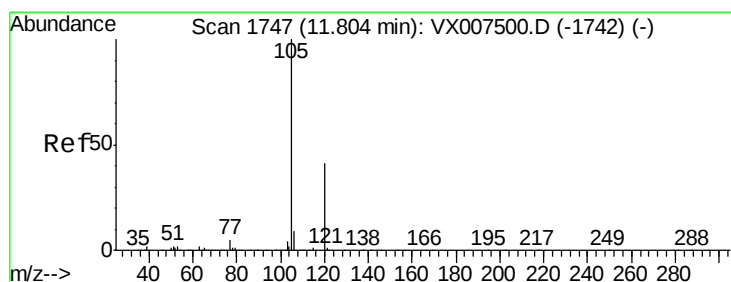
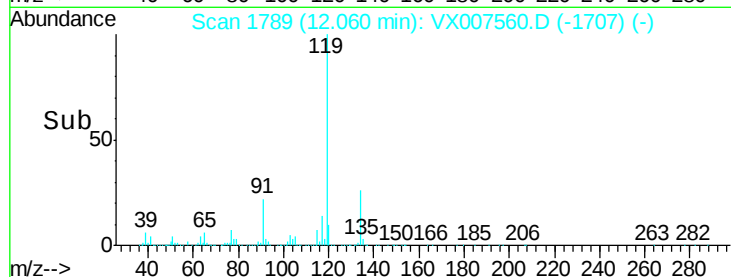
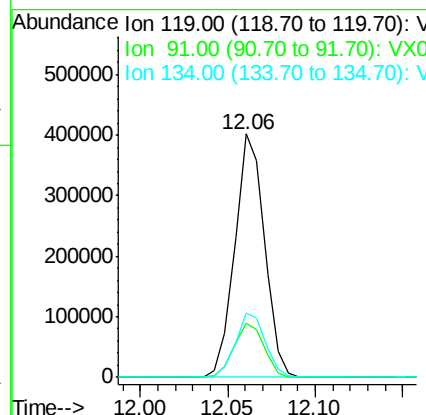
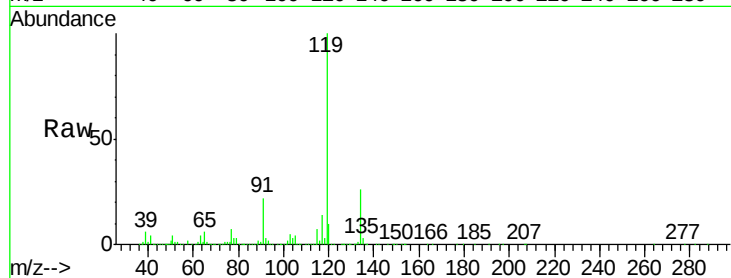




#79
tert-butylbenzene
Concen: 20.301 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

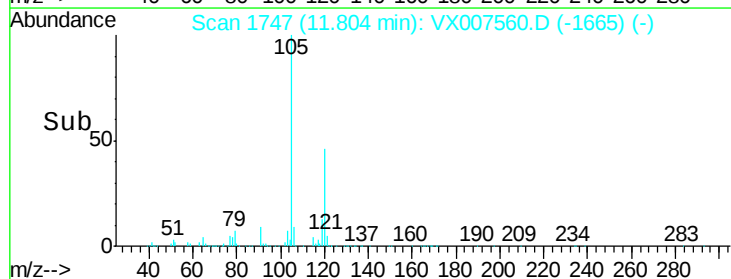
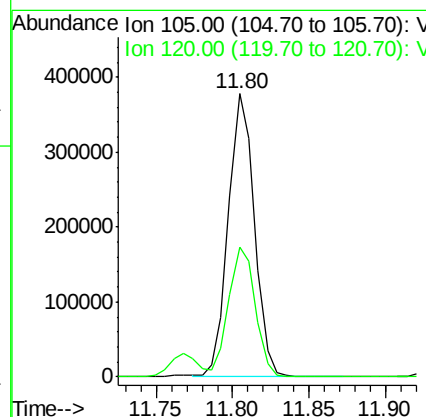
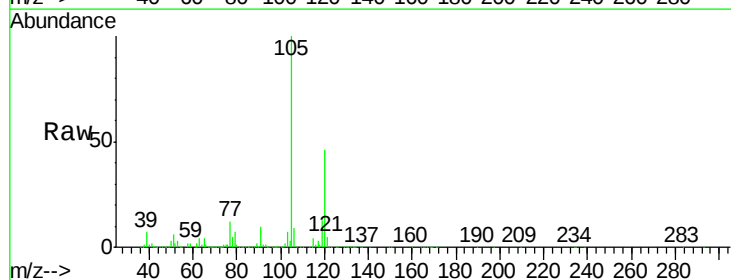
Instrument :
MSVOA_W
ClientSampled :

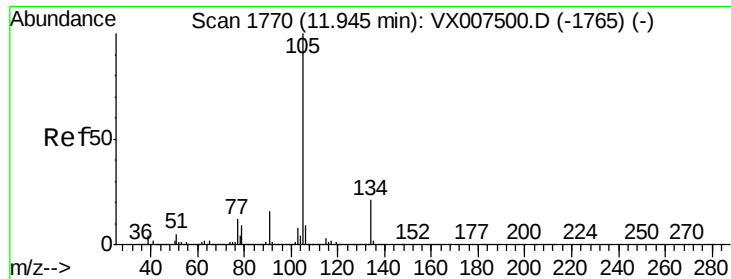
Tot Ion	Ratio	Lower	Upper
119	100		
91	22.5	0.0	45.0
134	26.6	0.0	55.4



#80
1,2,4-Trimethylbenzene
Concen: 20.009 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	94.0

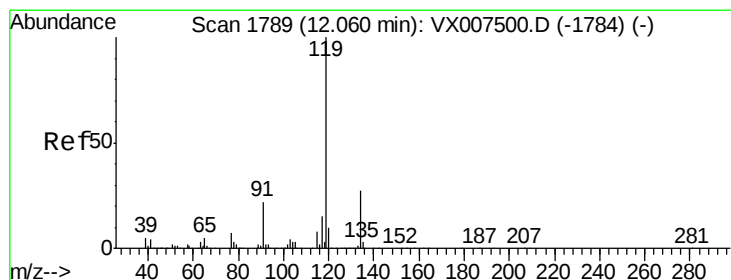
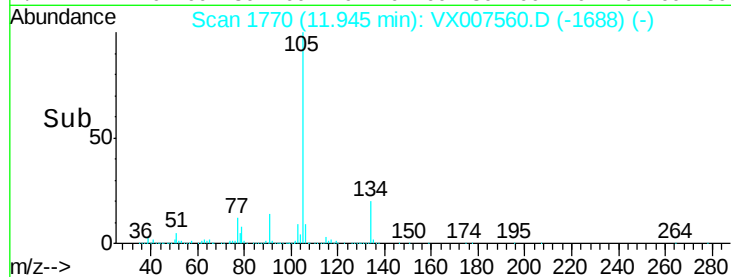
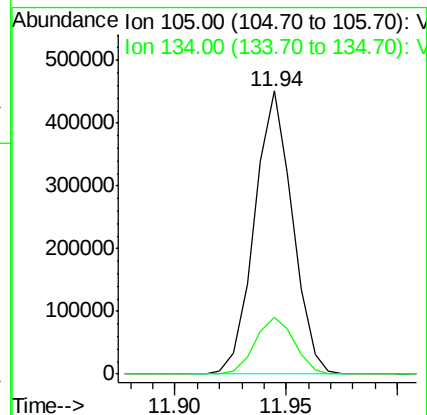
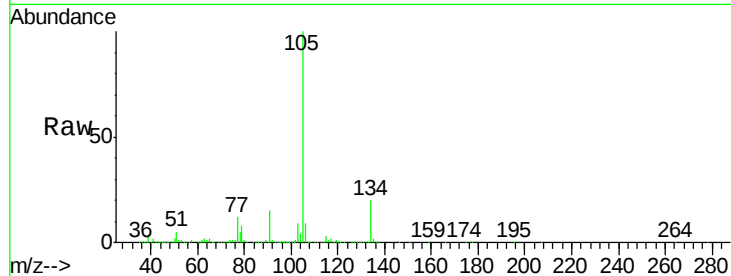




#81
 sec-Butylbenzene
 Concen: 20.356 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

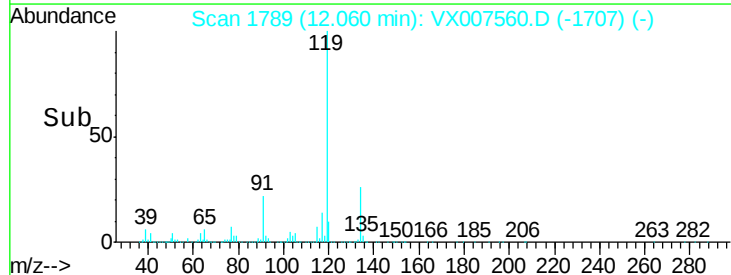
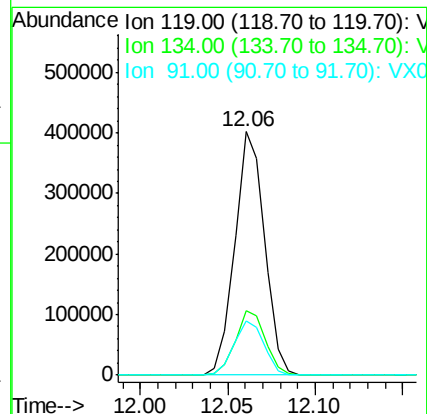
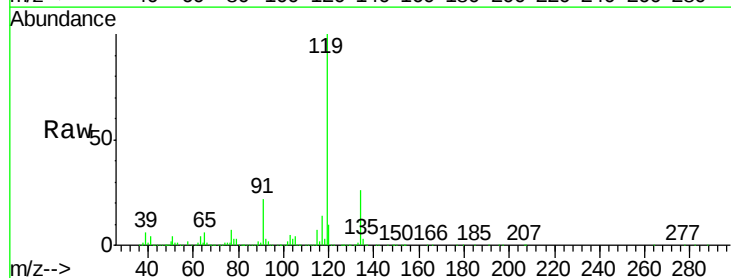
Instrument :
 MSVOA_W
 ClientSampled :

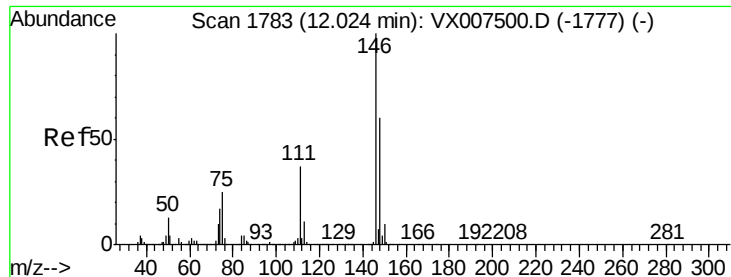
Tot Ion:105 Resp: 535906
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 20.301 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

Tgt Ion:119 Resp: 475224
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 55.4
 91 22.5 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 20.031 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampled :

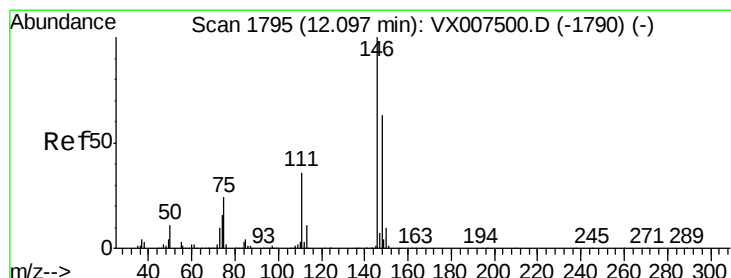
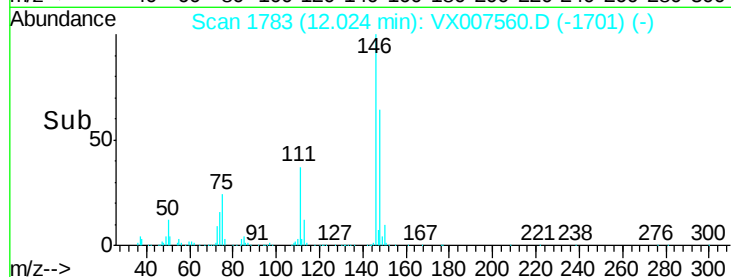
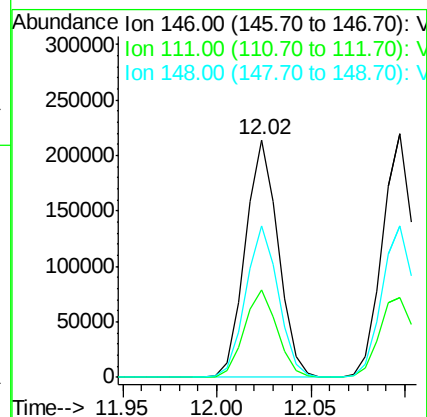
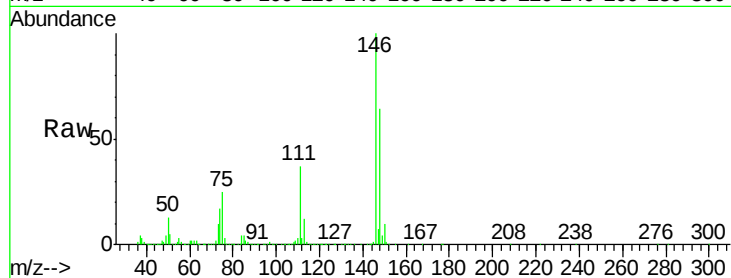
Tot Ion:146 Resp: 259641

Ion Ratio Lower Upper

146 100

111 36.7 18.8 56.3

148 63.0 30.6 91.8



#84

1,4-Dichlorobenzene

Concen: 19.757 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

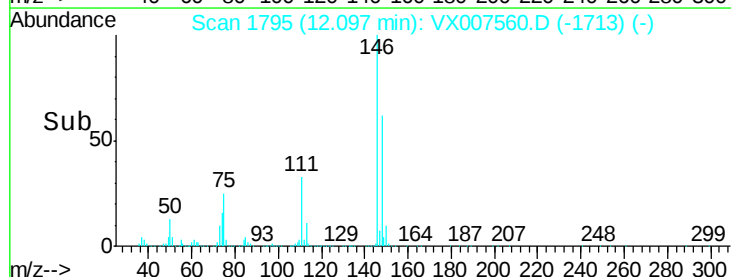
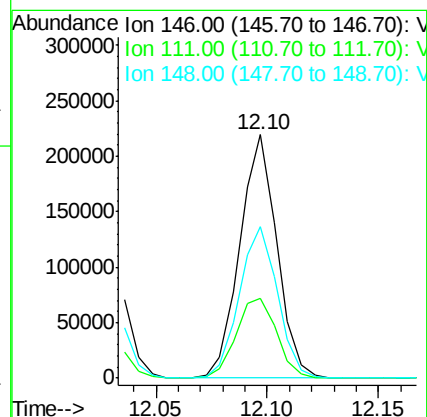
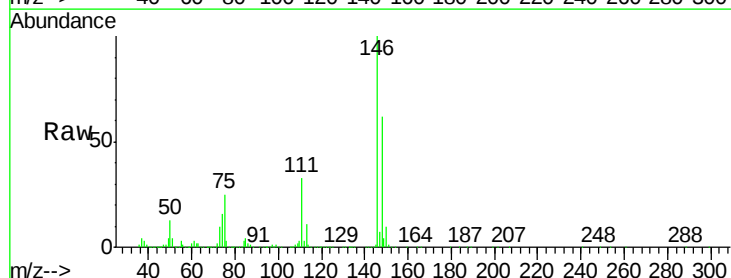
Tgt Ion:146 Resp: 255561

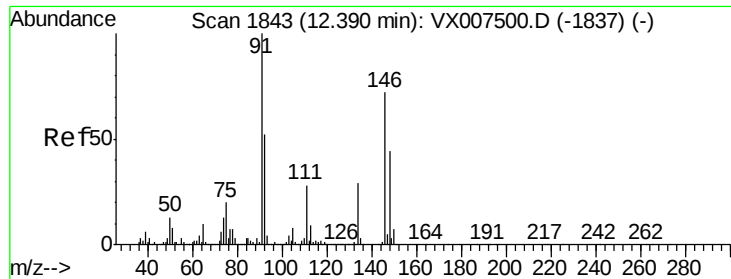
Ion Ratio Lower Upper

146 100

111 35.6 17.6 52.8

148 63.9 31.4 94.2

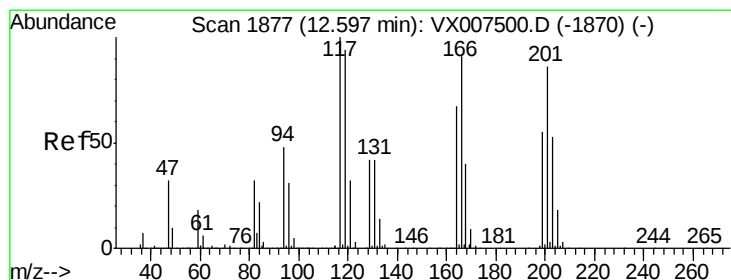
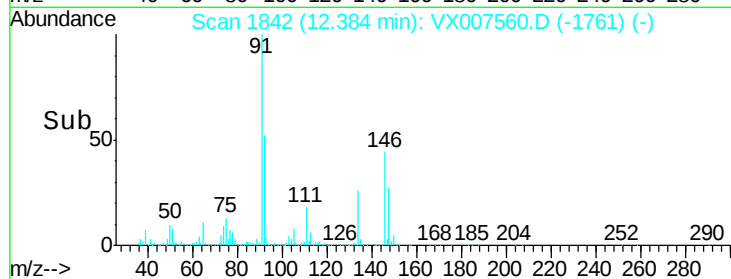
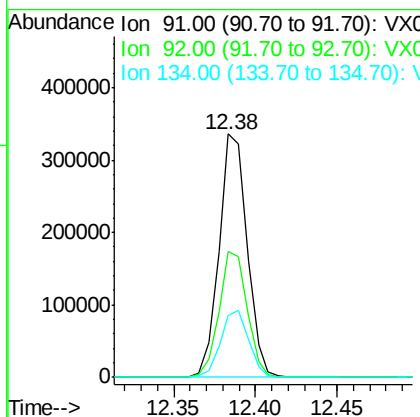
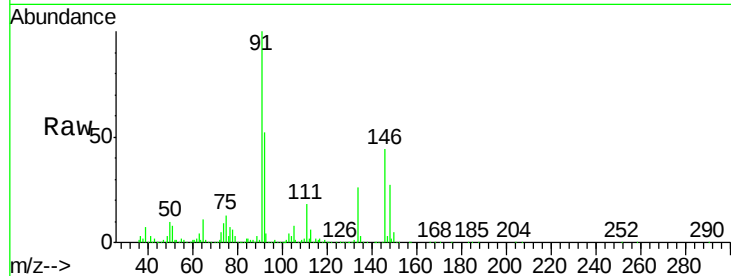




#85
n-Butylbenzene
Concen: 20.744 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

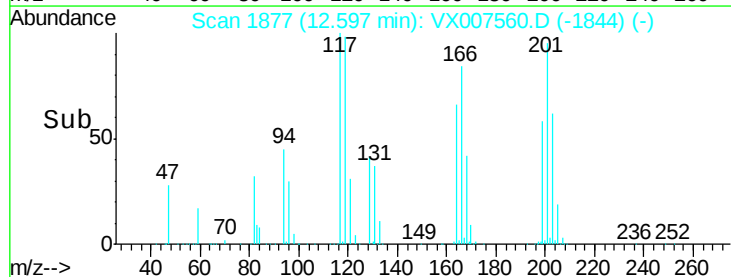
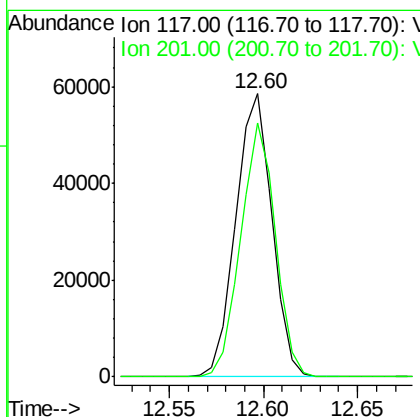
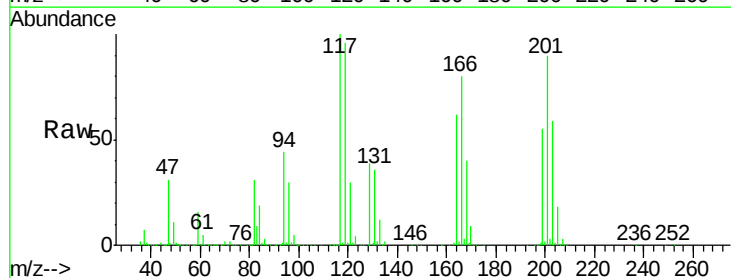
Instrument :
MSVOA_W
ClientSampled :

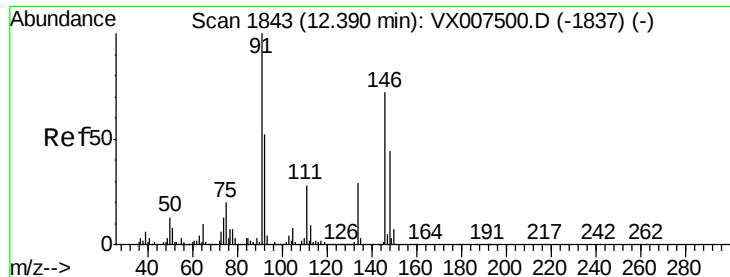
Tot Ion: 91 Resp: 402952
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.2
134 27.4 0.0 56.4



#86
Hexachloroethane
Concen: 20.022 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion: 117 Resp: 77817
Ion Ratio Lower Upper
117 100
201 86.1 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 19.421 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

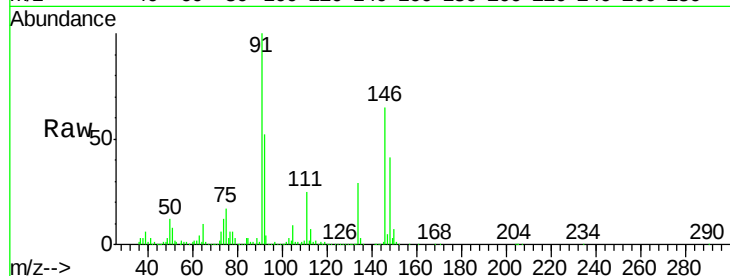
Tot Ion:146 Resp: 252669

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

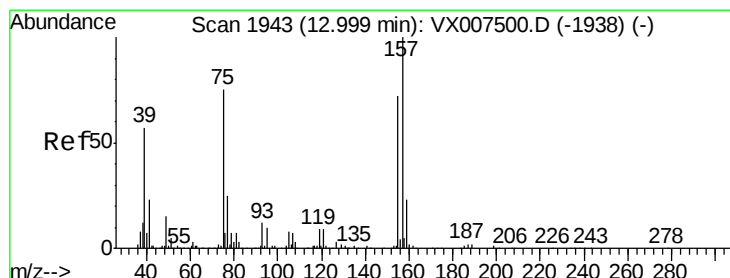
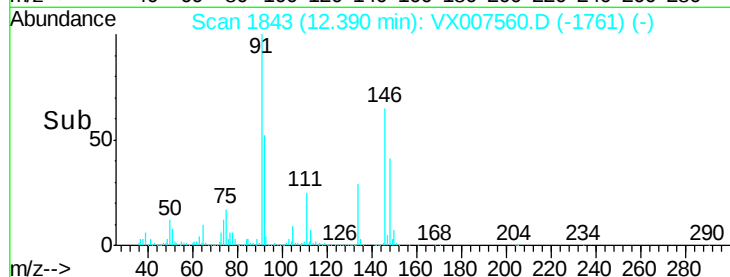
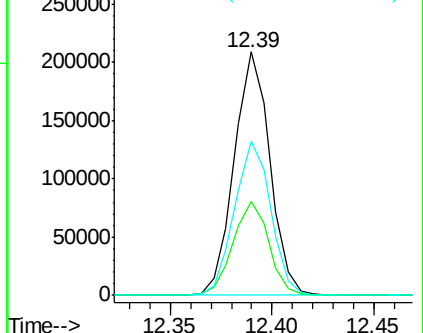
148 64.7 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.416 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007560.D

Acq: 15 Feb 2019 11:09

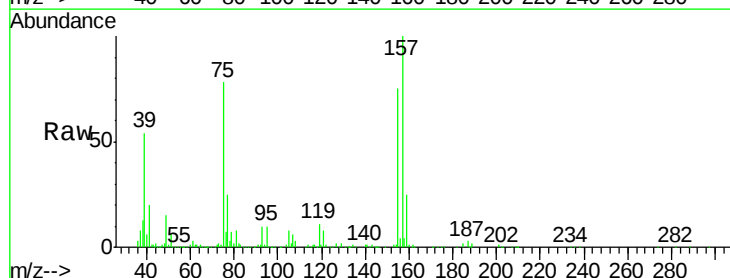
Tgt Ion: 75 Resp: 34311

Ion Ratio Lower Upper

75 100

155 100.6 81.0 121.6

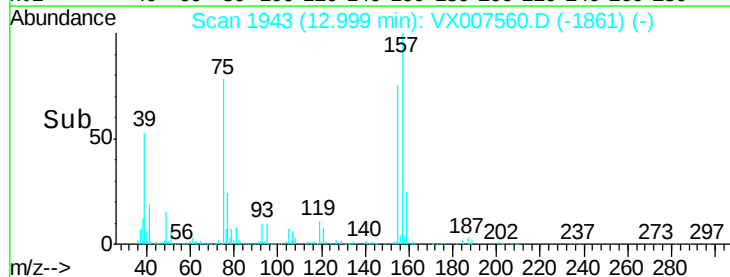
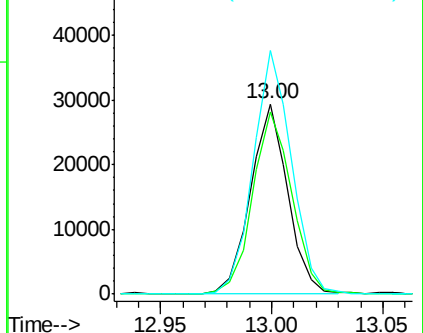
157 131.6 103.2 154.8

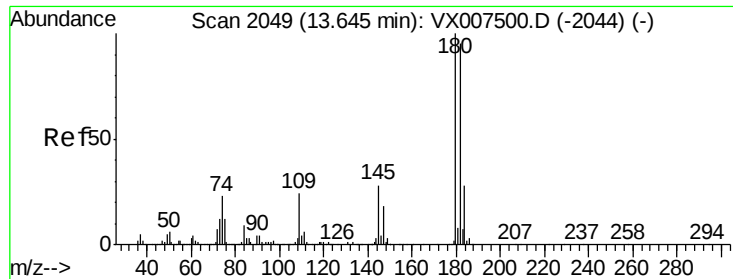


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

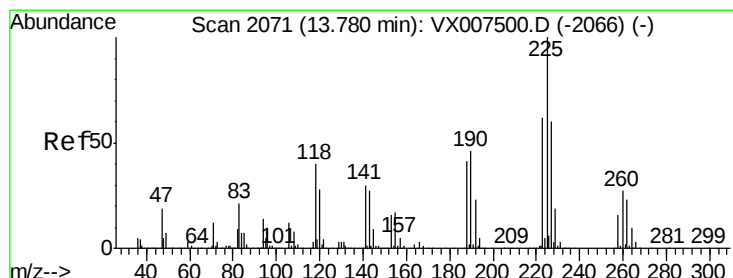
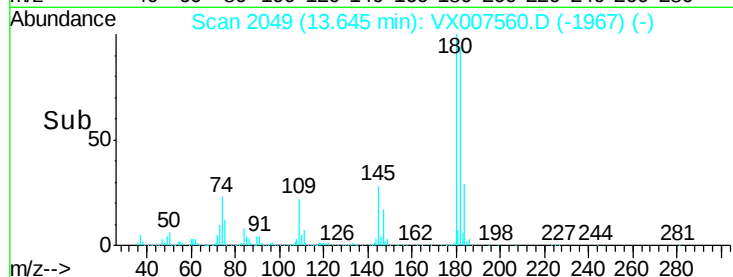
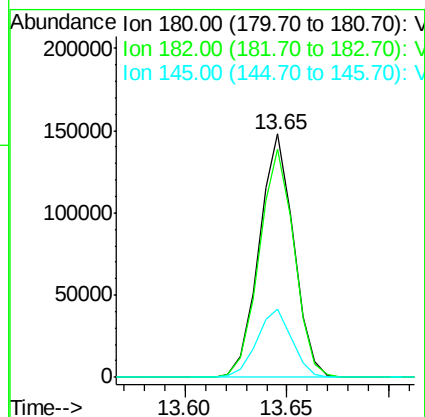
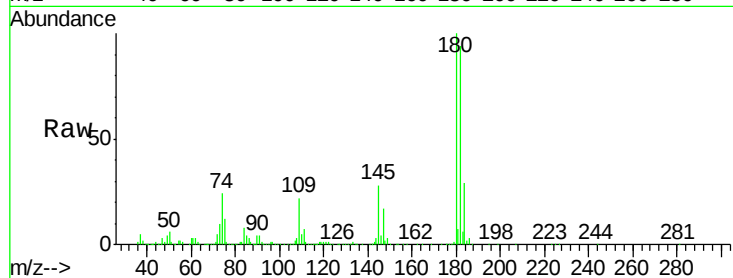




#89
 1,2,4-Trichlorobenzene
 Concen: 20.409 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

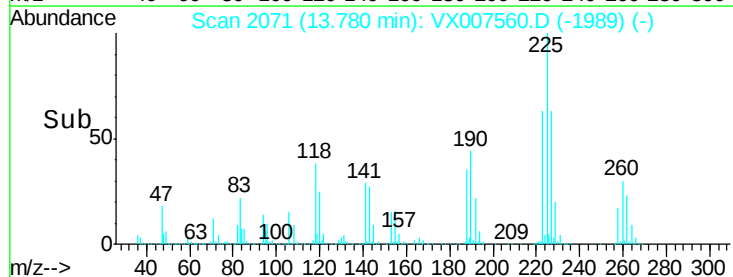
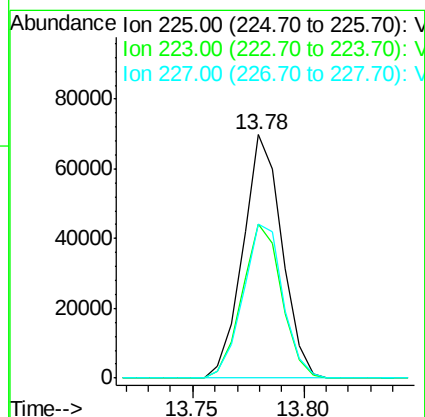
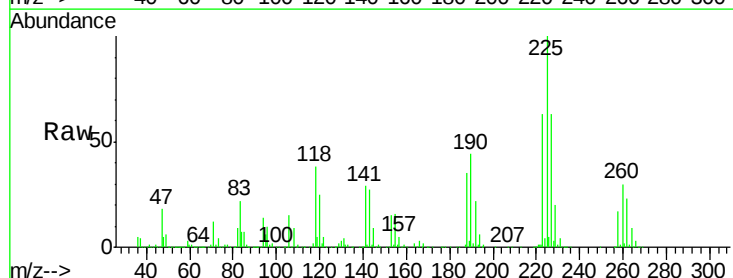
Instrument :
 MSVOA_W
 ClientSampled :

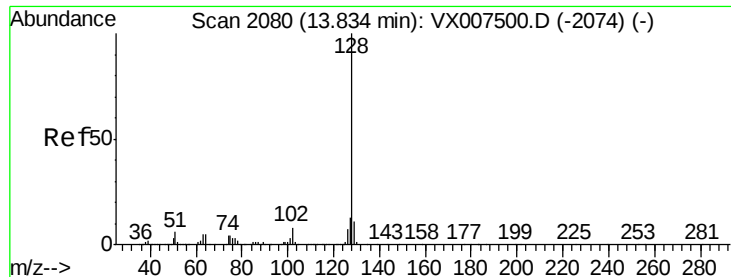
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	28.7	23.0	34.6



#90
 Hexachlorobutadiene
 Concen: 21.317 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007560.D
 Acq: 15 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	123.8
227	65.0	0.0	124.4

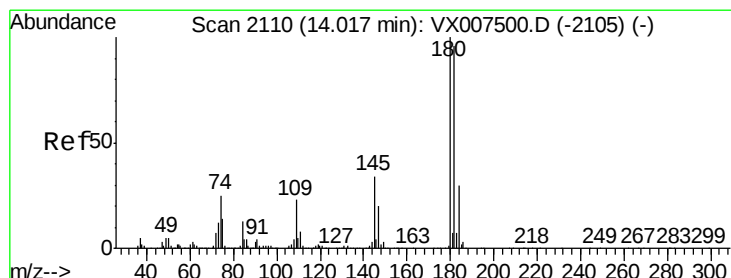
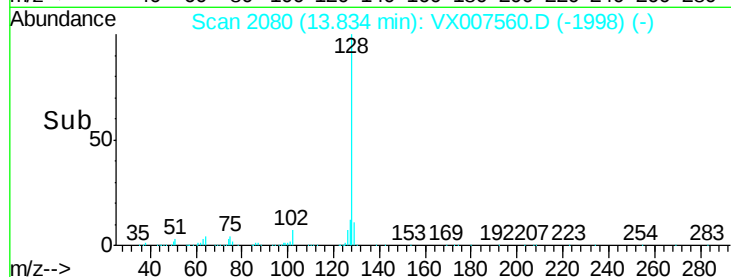
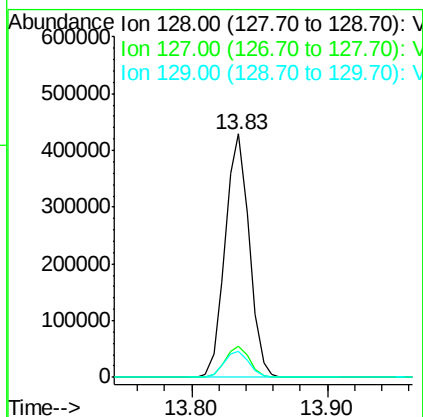
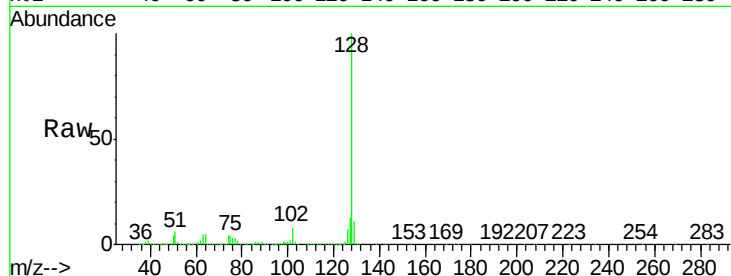




#91
Naphthalene
Concen: 19.371 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 527895
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.759 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007560.D
Acq: 15 Feb 2019 11:09

Tgt Ion:180 Resp: 171632
Ion Ratio Lower Upper
180 100
182 97.3 0.0 193.0
145 30.9 0.0 63.0

