

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009385.D
 Acq On : 07 May 2019 18:28
 Operator : JC/SP
 Sample : K2721-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Quant Time: May 08 02:17:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	109087	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	82642	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	8.72	98	325598	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	119285	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64447	43.026	ug/l	99
3) Chloromethane	1.32	50	83672	40.916	ug/l	99
4) Vinyl Chloride	1.41	62	89781	45.024	ug/l	98
5) Bromomethane	1.64	94	23695	19.797	ug/l	97
6) Chloroethane	1.71	64	79511	62.105	ug/l	99
7) Trichlorofluoromethane	1.92	101	112933	46.591	ug/l	99
8) Diethyl Ether	2.19	74	54648	47.596	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71551	47.007	ug/l	97
10) Methyl Iodide	2.51	142	35541	22.843	ug/l	100
11) Tert butyl alcohol	3.06	59	138100	268.876	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71191	46.679	ug/l	98
13) Acrolein	2.29	56	88890	191.100	ug/l	99
14) Allyl chloride	2.73	41	171183	46.058	ug/l	99
15) Acrylonitrile	3.15	53	325086	258.860	ug/l	99
16) Acetone	2.45	43	278966	234.138	ug/l	96
17) Carbon Disulfide	2.56	76	187223	43.725	ug/l	99
18) Methyl Acetate	2.78	43	145818	51.462	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	292203	49.339	ug/l	99
20) Methylene Chloride	2.85	84	88858	46.061	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	76055	45.983	ug/l	99
22) Diisopropyl ether	3.86	45	345906	48.394	ug/l	95
23) Vinyl Acetate	3.82	43	1550097	253.258	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165608	46.967	ug/l	100
25) 2-Butanone	4.68	43	485992	262.487	ug/l	100
26) 2,2-Dichloropropane	4.58	77	112160	42.735	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	93441	47.331	ug/l	100
28) Bromochloromethane	5.01	49	69102	48.608	ug/l	99
29) Tetrahydrofuran	5.13	42	319067	267.803	ug/l	99
30) Chloroform	5.21	83	155604	48.793	ug/l	97
31) Cyclohexane	5.58	56	149878	45.688	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126590	47.684	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111408	45.743	ug/l	99
37) Ethyl Acetate	4.84	43	175540	51.730	ug/l	99
38) Carbon Tetrachloride	5.78	117	104938	47.423	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135517	45.308	ug/l	99
40) Benzene	6.15	78	355024	47.101	ug/l	99
41) Methacrylonitrile	5.05	41	102356	50.672	ug/l	100
42) 1,2-Dichloroethane	6.20	62	131109	48.490	ug/l	100
43) Isopropyl Acetate	6.45	43	277556	51.135	ug/l	100
44) Trichloroethene	7.21	130	83629	45.895	ug/l	97
45) 1,2-Dichloropropane	7.51	63	103712	48.593	ug/l	98
46) Dibromomethane	7.66	93	59556	48.052	ug/l	99
47) Bromodichloromethane	7.90	83	121008	48.946	ug/l	98
48) Methyl methacrylate	7.77	41	138046	51.263	ug/l	99
49) 1,4-Dioxane	7.74	88	51839	949.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	963415	271.554	ug/l	100
52) Toluene	8.79	92	218053	47.591	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136609	48.942	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	149714	48.459	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92238	49.345	ug/l	95
56) Ethyl methacrylate	9.18	69	171561	51.416	ug/l	100
57) 1,3-Dichloropropane	9.37	76	159349	48.443	ug/l	99
59) 2-Hexanone	9.49	43	754958	270.945	ug/l	100
60) Dibromochloromethane	9.59	129	92313	50.564	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92879	49.223	ug/l	100
64) Tetrachloroethene	9.34	164	68320	41.437	ug/l	97
65) Chlorobenzene	10.14	112	403373	83.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84702	48.589	ug/l	100
67) Ethyl Benzene	10.25	91	419140	47.365	ug/l	99
68) m/p-Xylenes	10.36	106	306719	94.849	ug/l	99
69) o-Xylene	10.70	106	152218	47.708	ug/l	100
70) Styrene	10.71	104	269690	48.632	ug/l	100
71) Bromoform	10.86	173	72243	50.996	ug/l #	99
73) Isopropylbenzene	11.02	105	404120	46.823	ug/l	99
74) N-amyl acetate	10.90	43	257679	51.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	162629	50.546	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185631	67.425	ug/l	81
77) Bromobenzene	11.26	156	102942	48.054	ug/l	98
78) n-propylbenzene	11.36	91	460357	46.704	ug/l	99
79) 2-Chlorotoluene	11.42	91	279777	46.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	339317	46.691	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51559	47.917	ug/l	99
82) 4-Chlorotoluene	11.51	91	320694	46.680	ug/l	100
83) tert-Butylbenzene	11.77	119	346625	49.031	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	346959	47.565	ug/l	100
85) sec-Butylbenzene	11.94	105	394651	47.086	ug/l	100
86) p-Isopropyltoluene	12.06	119	356703	47.340	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213728	55.966	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279406	72.571	ug/l	100
89) n-Butylbenzene	12.38	91	326359	47.922	ug/l	100
90) Hexachloroethane	12.60	117	60490	47.122	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	736570	189.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38210	52.939	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	132566	49.839	ug/l	99

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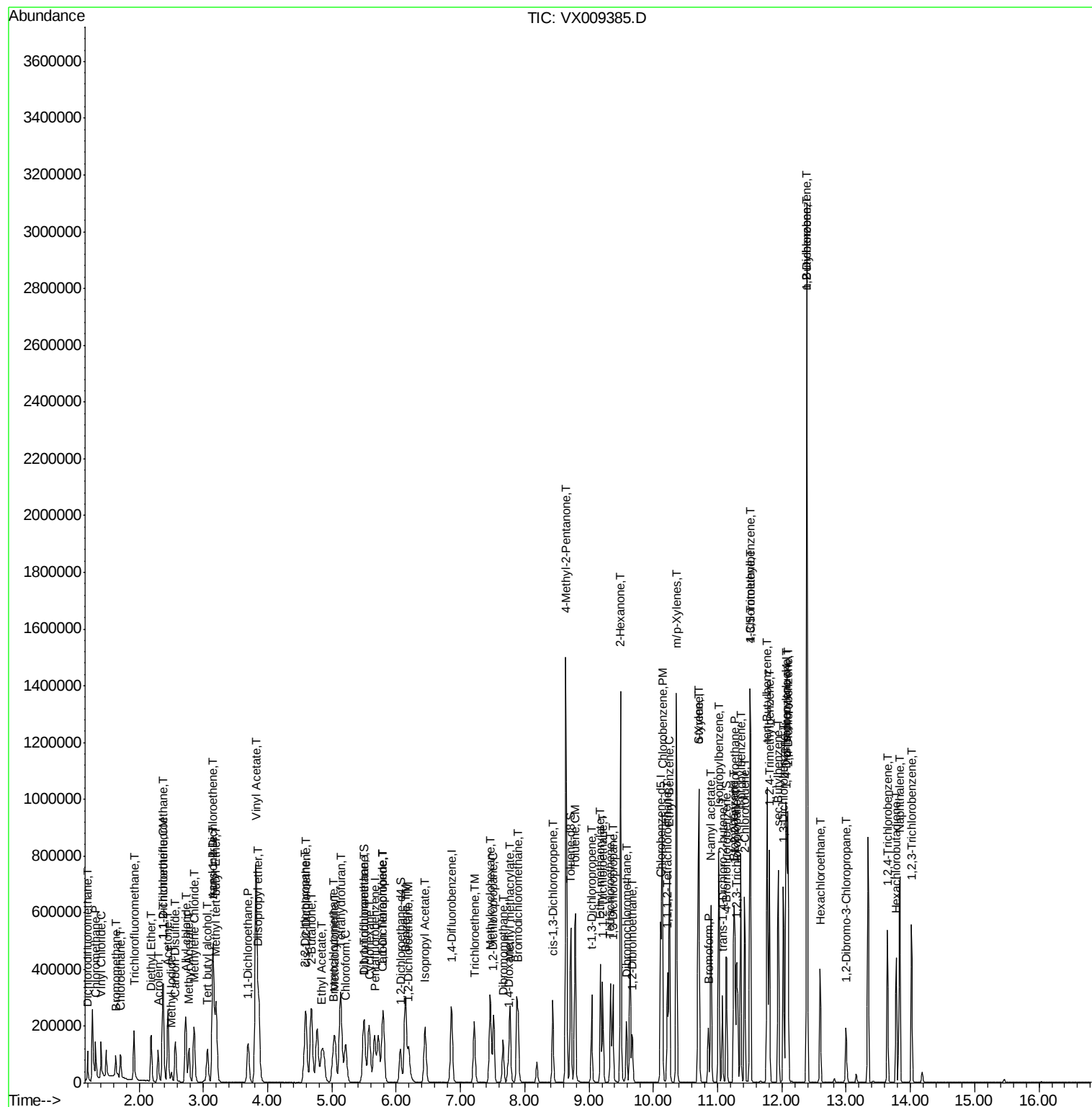
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65010	47.861	ug/l	99
95) Naphthalene	13.83	128	439496	50.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132018	48.963	ug/l	99

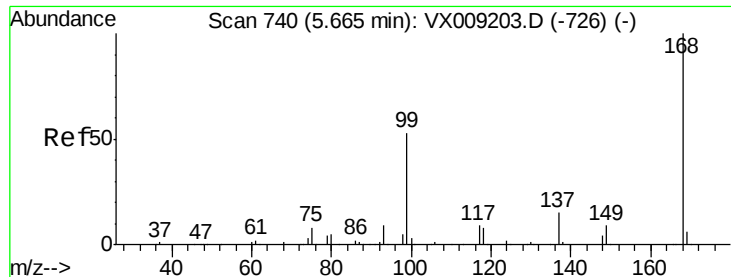
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

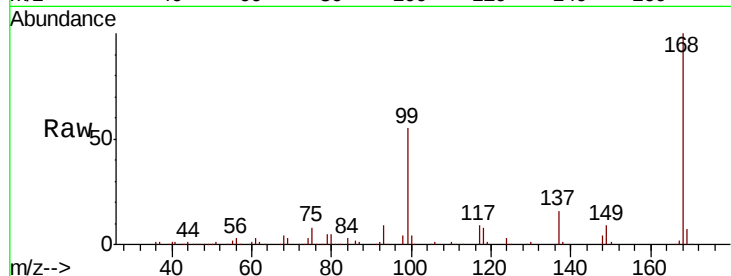
SS003RW114R-190506MS

Tot Ion:168 Resp: 162542

Ion Ratio Lower Upper

168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

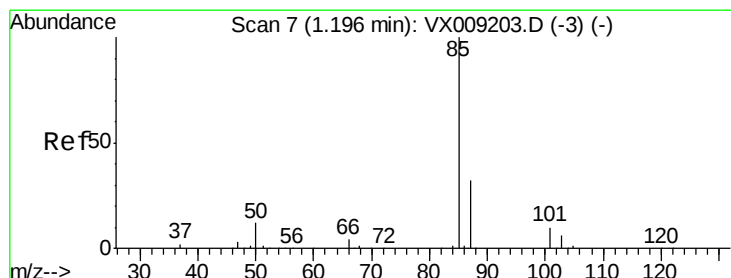
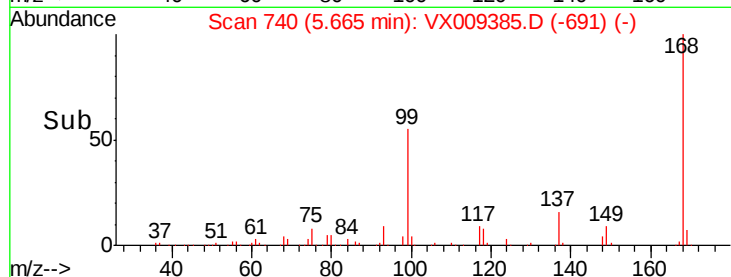
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.026 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009385.D

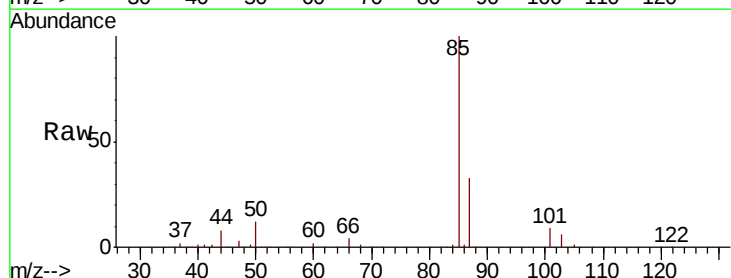
Acq: 07 May 2019 18:28

Tgt Ion: 85 Resp: 64447

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

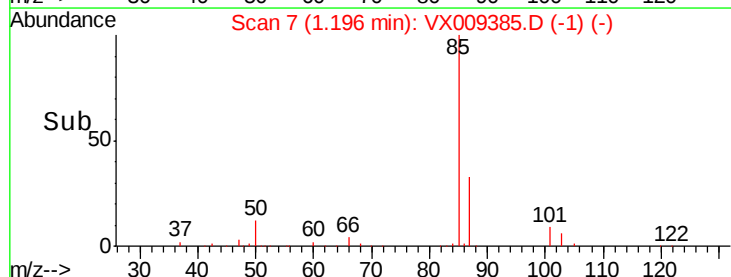
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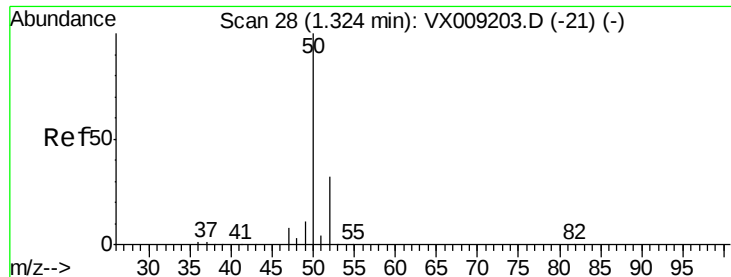
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.916 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

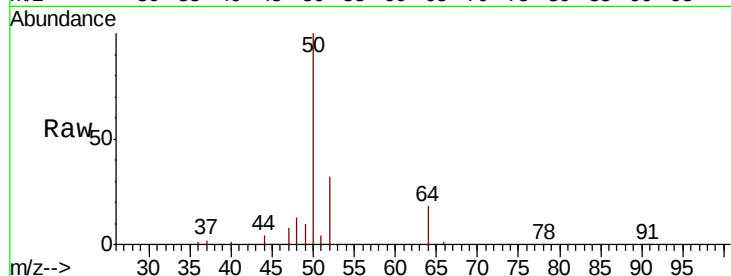
SS003RW114R-190506MS

Tot Ion: 50 Resp: 83672

Ion Ratio Lower Upper

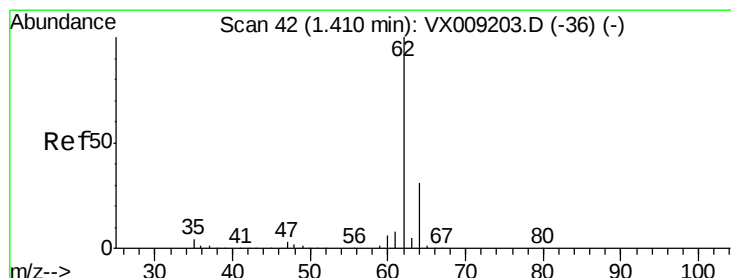
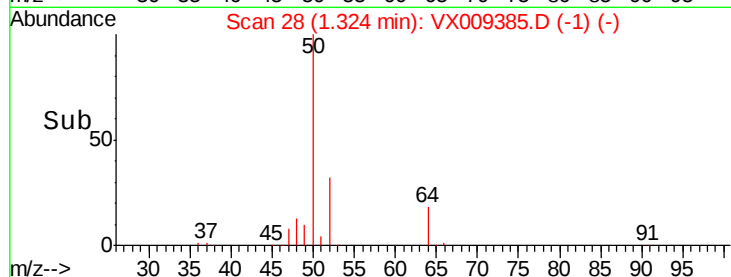
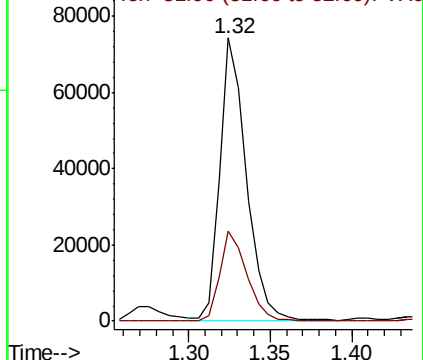
50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.024 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009385.D

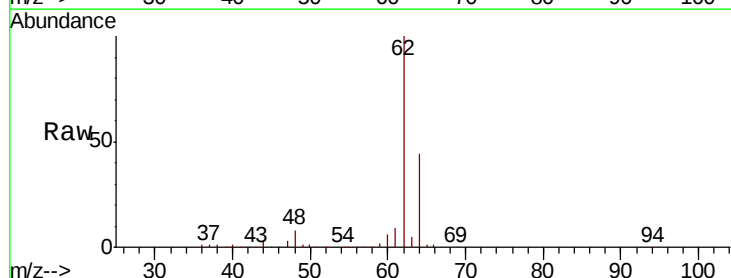
Acq: 07 May 2019 18:28

Tgt Ion: 62 Resp: 89781

Ion Ratio Lower Upper

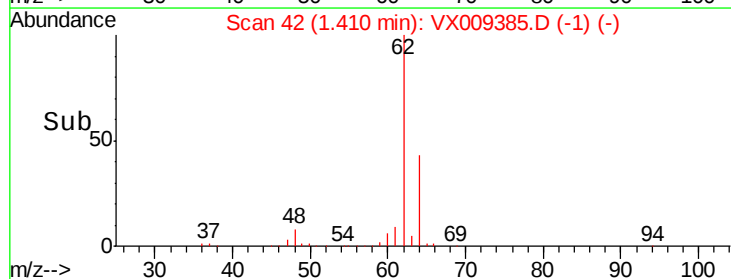
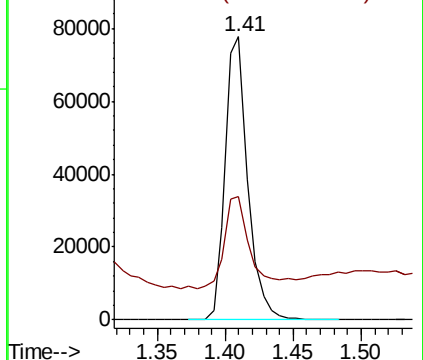
62 100

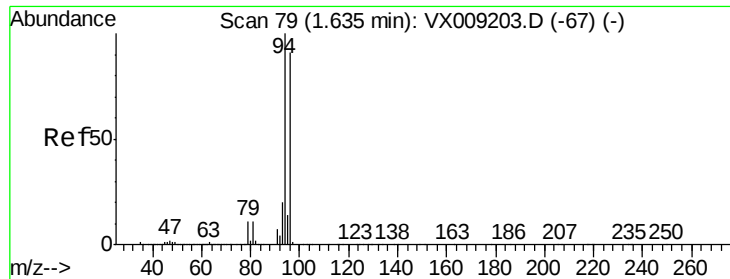
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.797 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

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ClientSampleId :

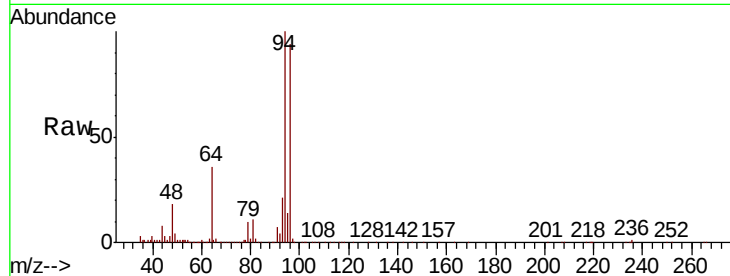
SS003RW114R-190506MS

Tot Ion: 94 Resp: 23695

Ion Ratio Lower Upper

94 100

96 94.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

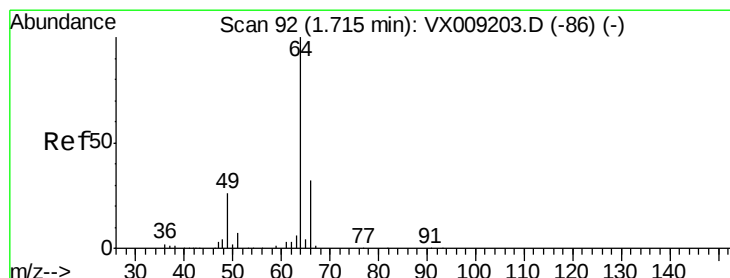
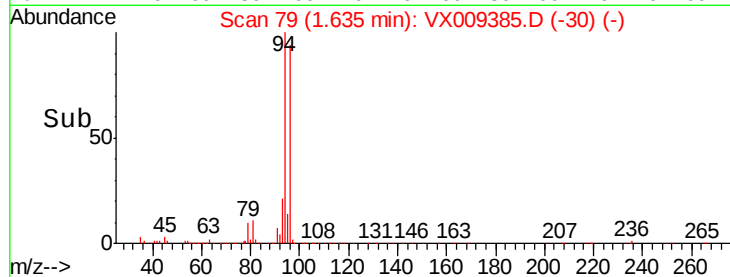
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5000

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Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 62.105 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009385.D

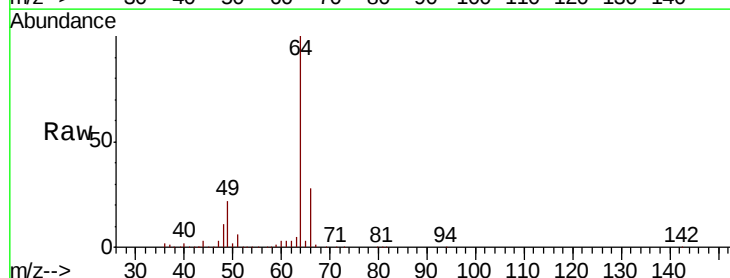
Acq: 07 May 2019 18:28

Tgt Ion: 64 Resp: 79511

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

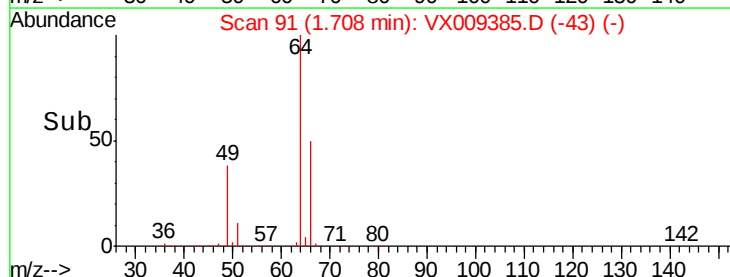
20000

10000

0

Time-->

1.60 1.70 1.80 1.90



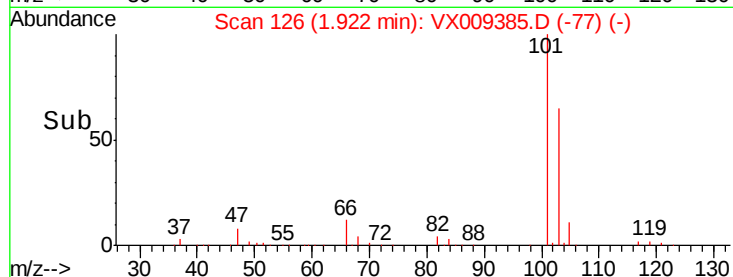
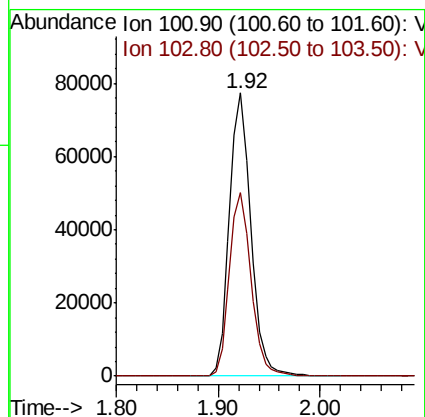
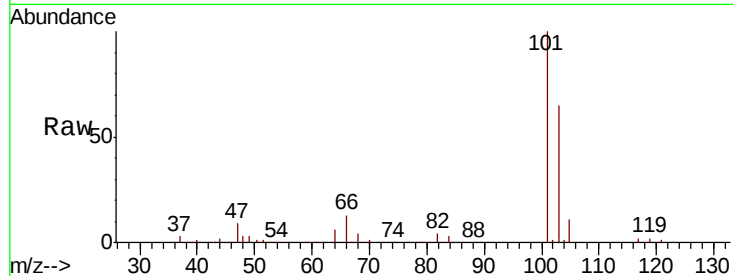


#7

Trichlorofluoromethane
 Concen: 46.591 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009385.D
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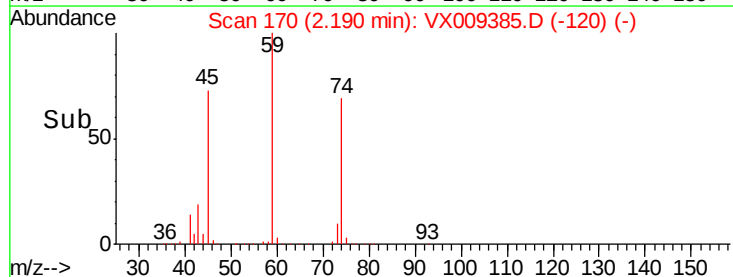
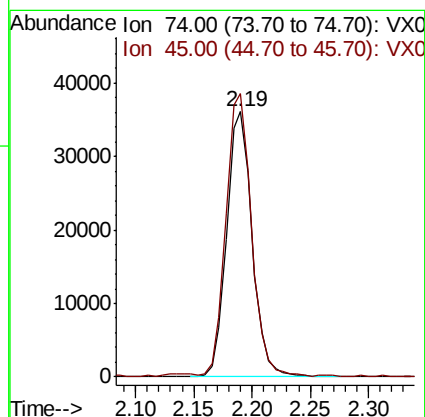
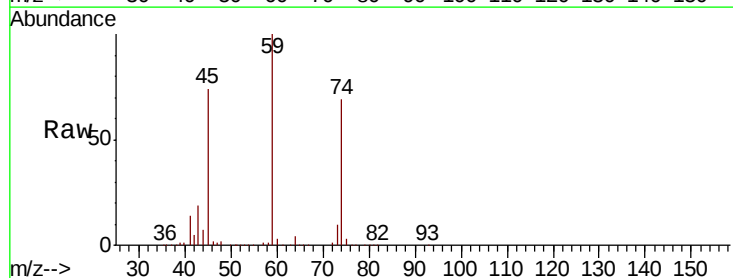
Tot Ion:101 Resp: 112933
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.4 78.6

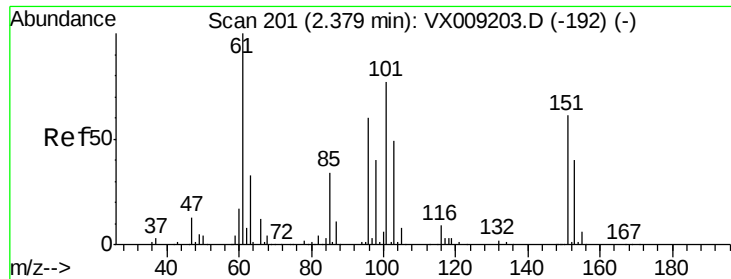


#8

Diethyl Ether
 Concen: 47.596 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 74 Resp: 54648
 Ion Ratio Lower Upper
 74 100
 45 106.1 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.007 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

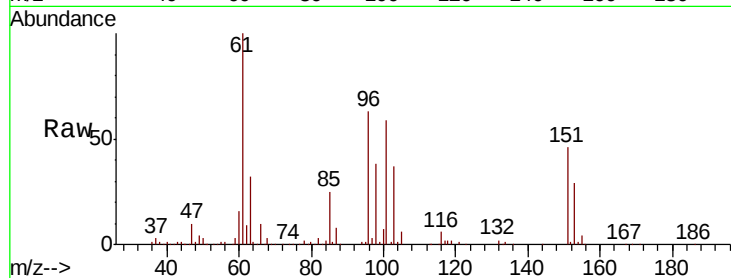
Tot Ion:101 Resp: 71551

Ion Ratio Lower Upper

101 100

85 42.5 35.7 53.5

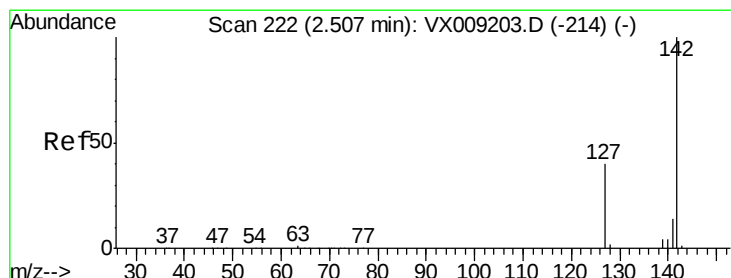
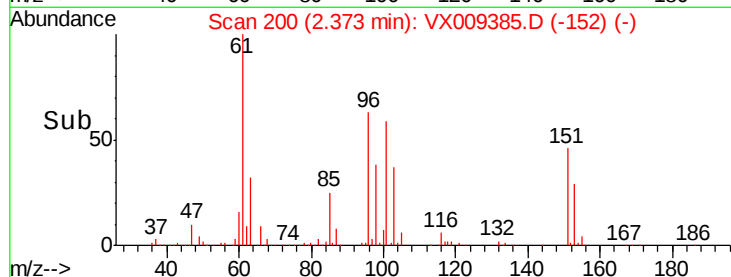
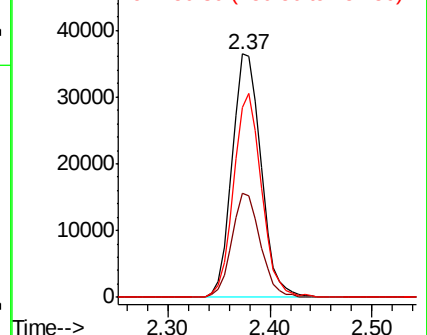
151 80.6 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.843 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

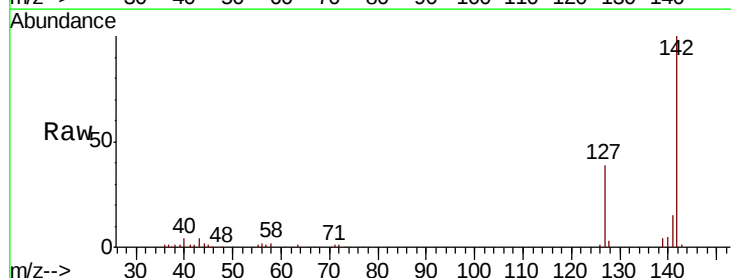
Tgt Ion:142 Resp: 35541

Ion Ratio Lower Upper

142 100

127 40.7 32.7 49.1

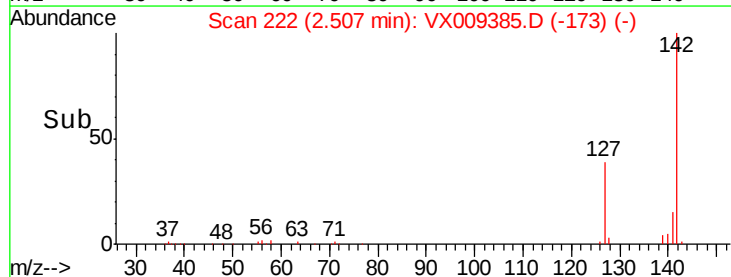
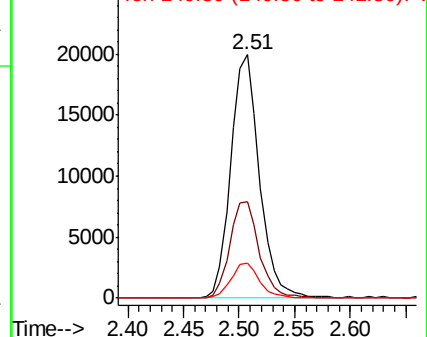
141 14.4 11.5 17.3

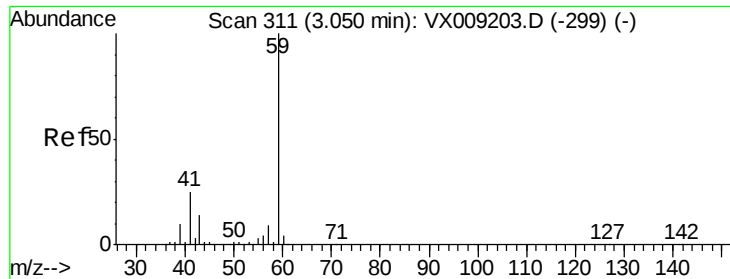


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

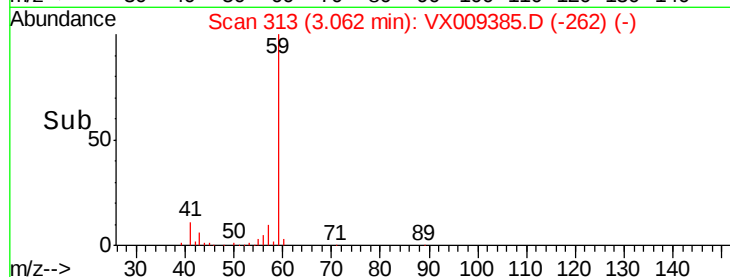
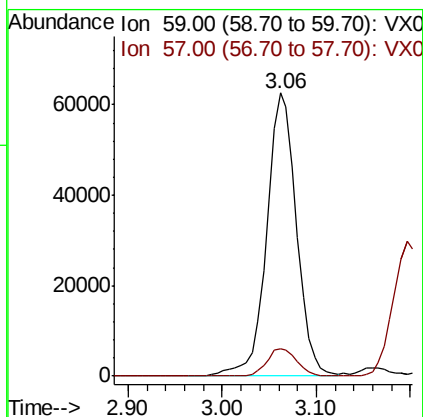
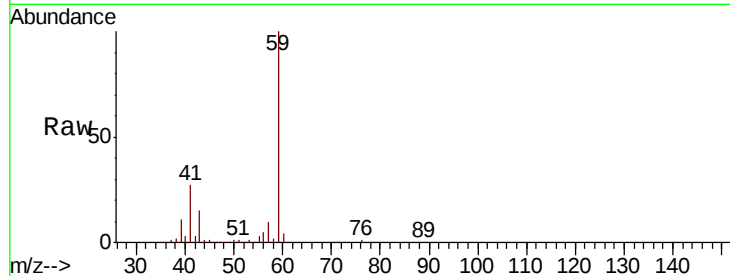




#11
Tert butyl alcohol
Concen: 268.876 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

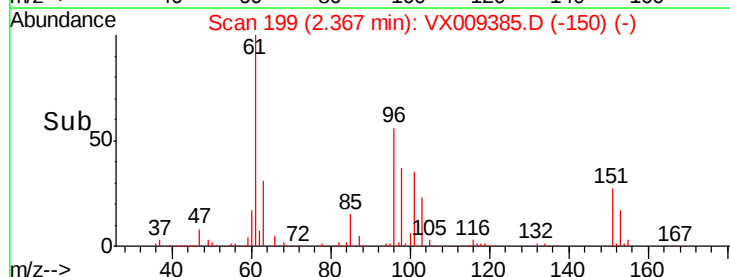
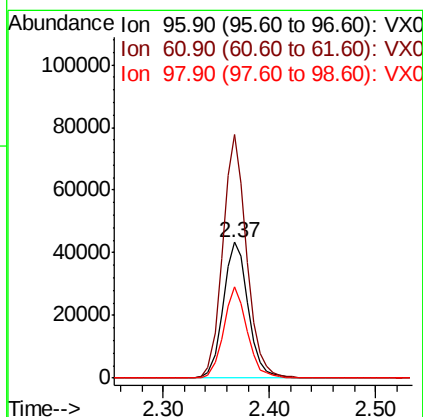
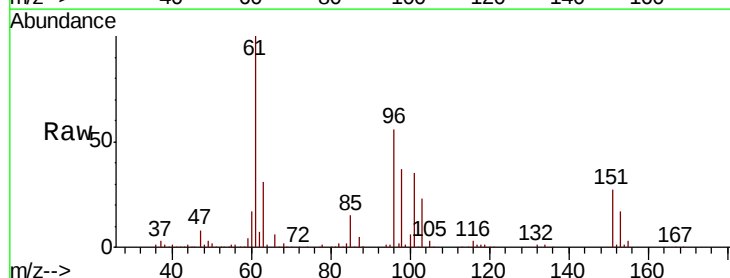
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

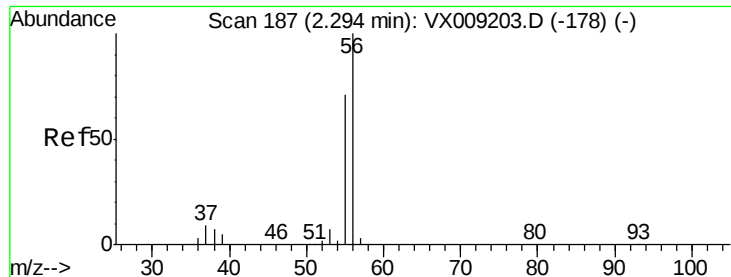
Tot Ion: 59 Resp: 138100
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.679 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 96 Resp: 71191
Ion Ratio Lower Upper
96 100
61 179.1 144.3 216.5
98 66.8 50.3 75.5





#13

Acrolein

Concen: 191.100 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

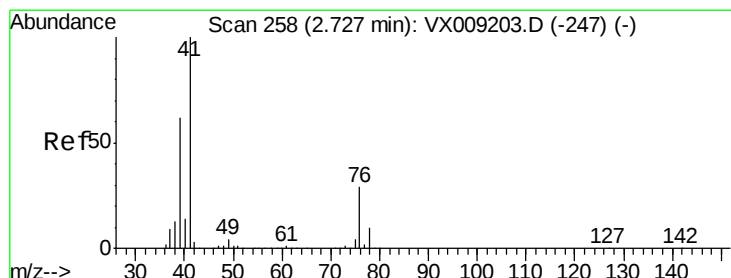
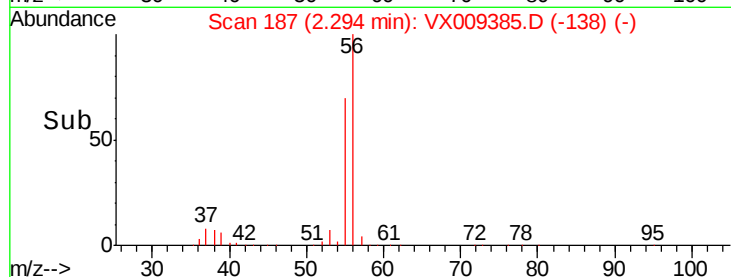
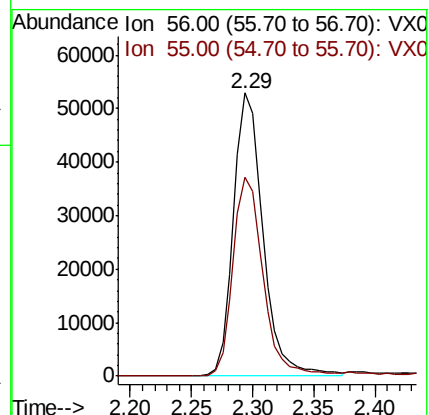
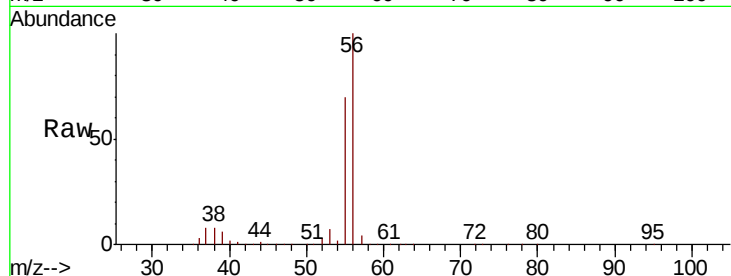
SS003RW114R-190506MS

Tot Ion: 56 Resp: 88890

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 46.058 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

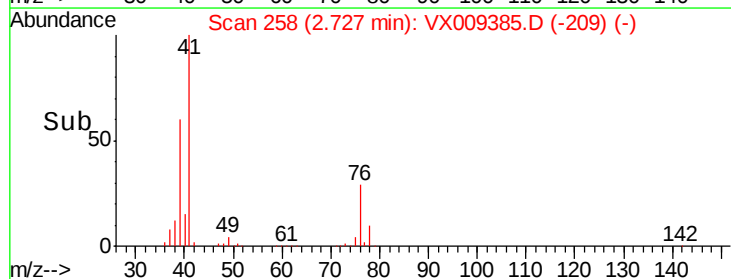
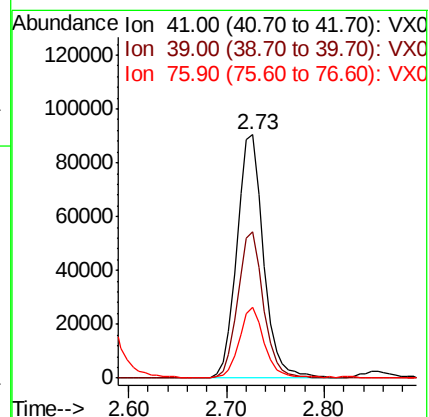
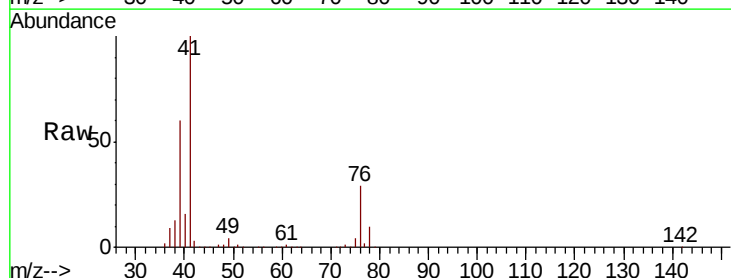
Tgt Ion: 41 Resp: 171183

Ion Ratio Lower Upper

41 100

39 57.5 46.7 70.1

76 26.7 21.8 32.8





#15

Acrylonitrile

Concen: 258.860 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

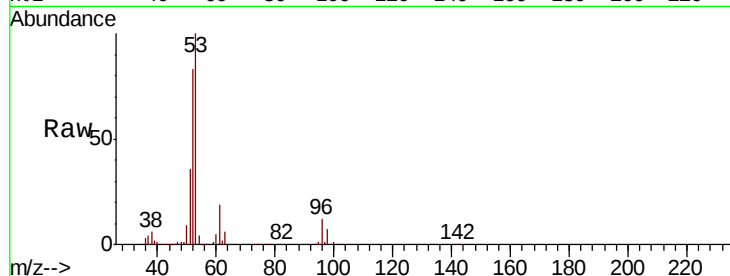
Tot Ion: 53 Resp: 325086

Ion Ratio Lower Upper

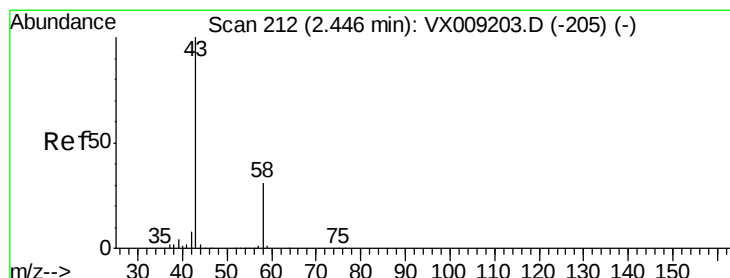
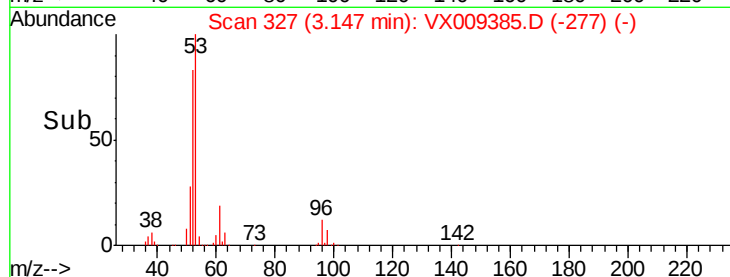
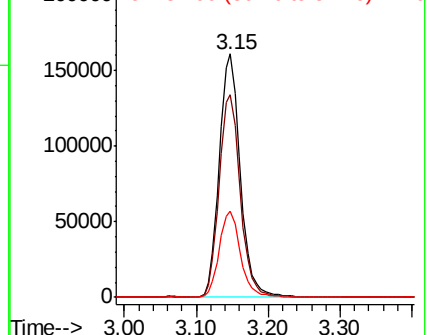
53 100

52 84.1 66.9 100.3

51 35.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.138 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009385.D

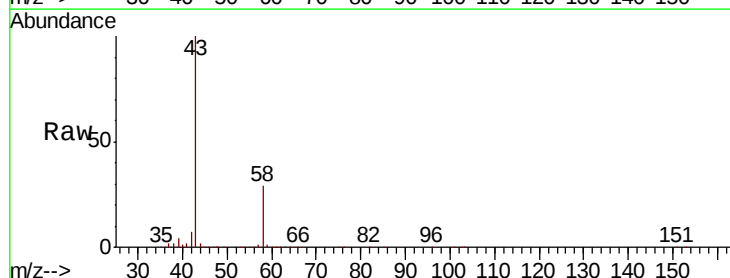
Acq: 07 May 2019 18:28

Tgt Ion: 43 Resp: 278966

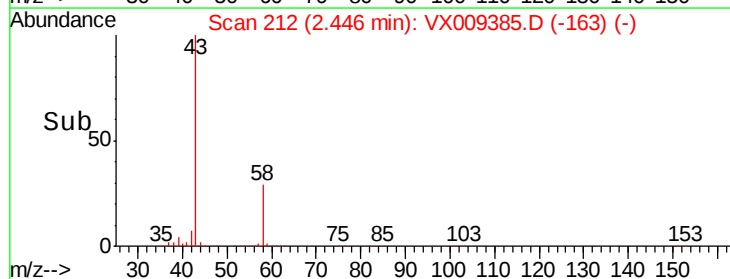
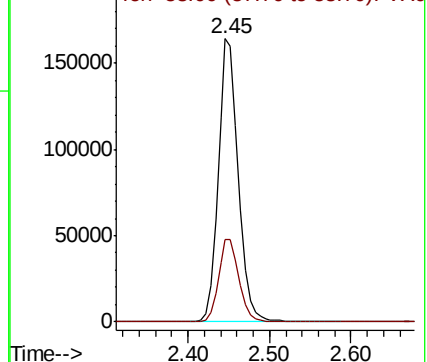
Ion Ratio Lower Upper

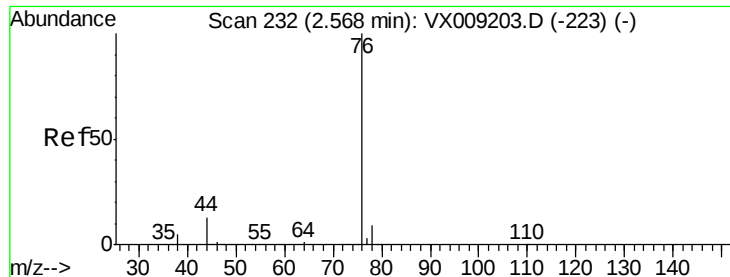
43 100

58 29.1 24.9 37.3



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

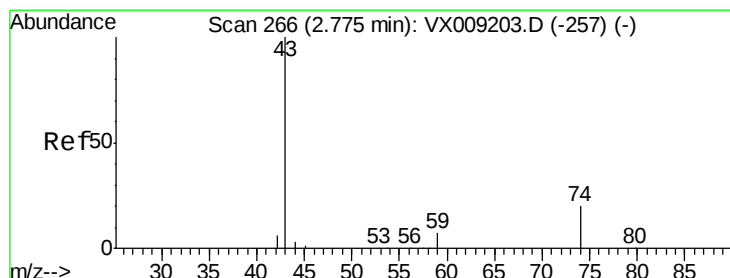
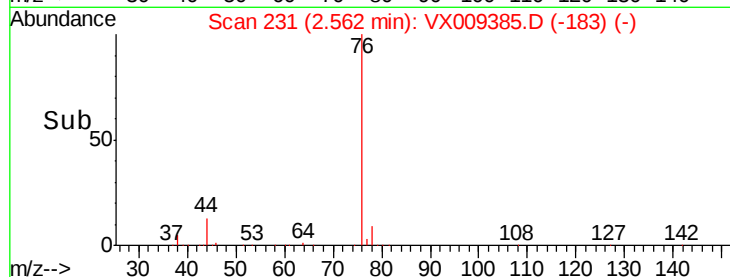
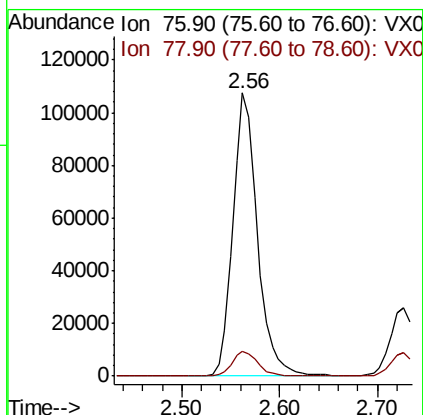
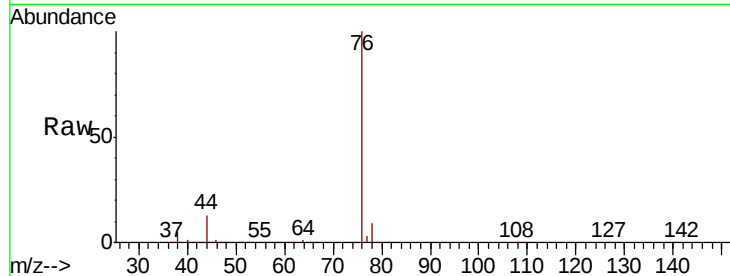




#17
Carbon Disulfide
Concen: 43.725 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

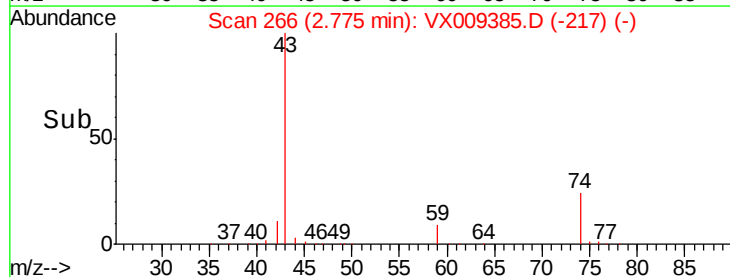
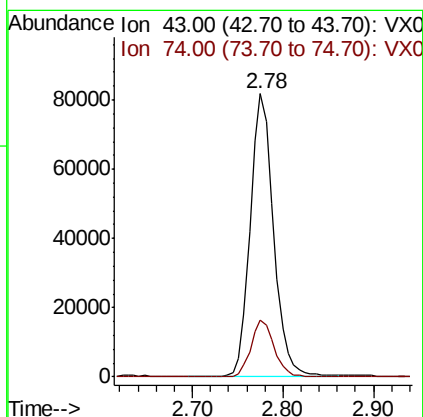
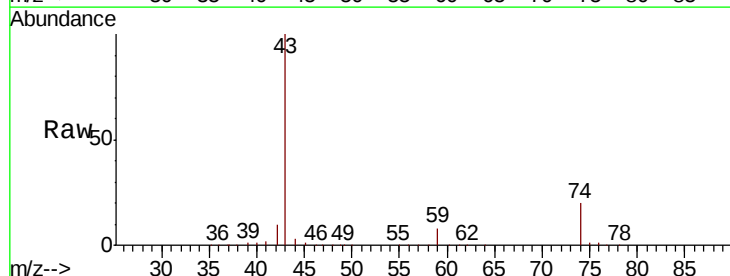
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

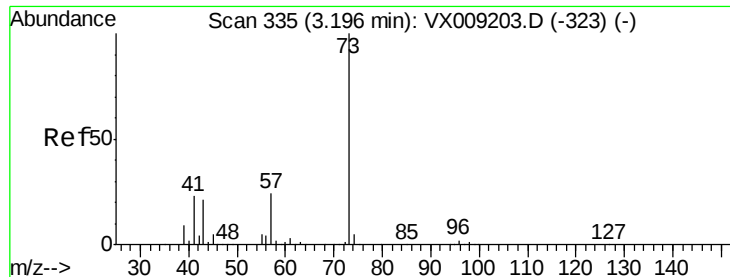
Tot Ion: 76 Resp: 187223
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 51.462 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 43 Resp: 145818
Ion Ratio Lower Upper
43 100
74 20.4 16.2 24.4

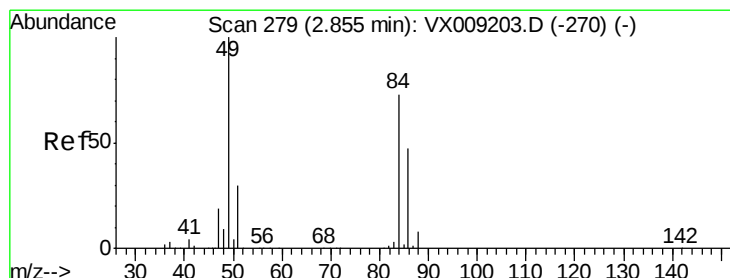
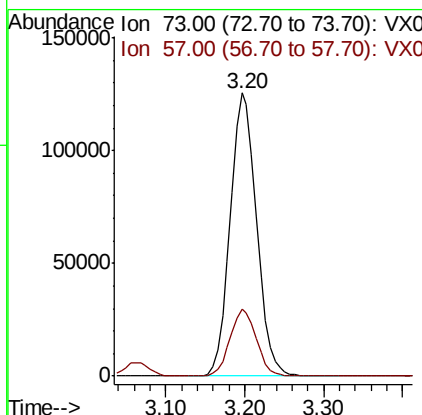
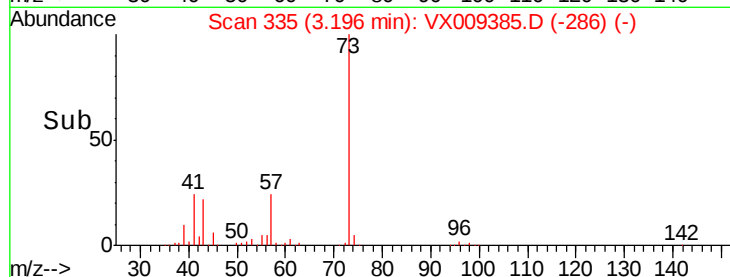
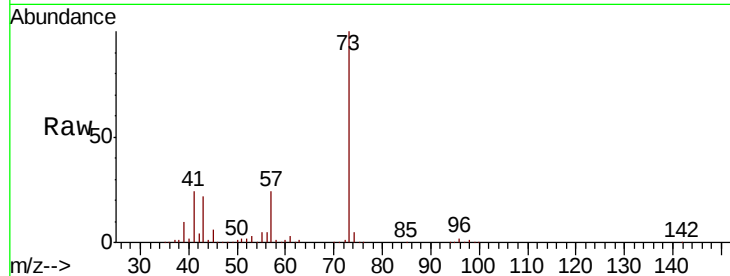




#19
Methyl tert-butyl Ether
Concen: 49.339 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

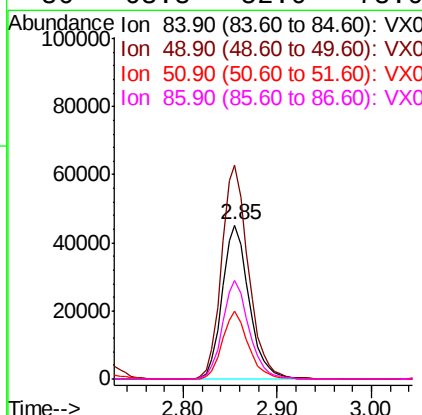
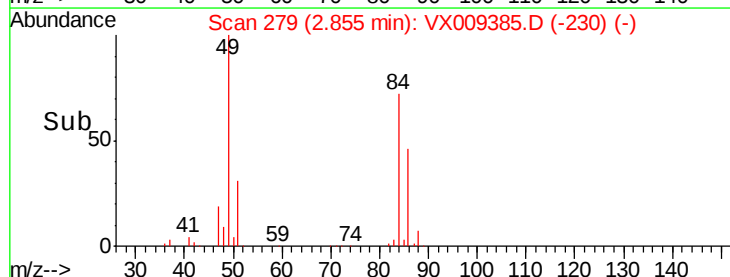
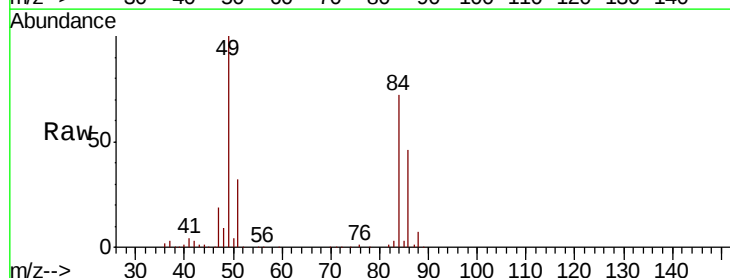
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

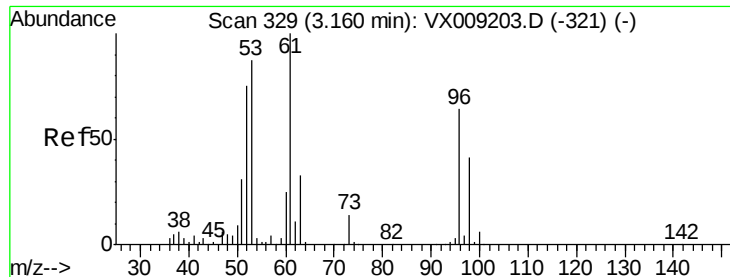
Tot Ion: 73 Resp: 292203
Ion Ratio Lower Upper
73 100
57 23.8 19.3 28.9



#20
Methylene Chloride
Concen: 46.061 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 84 Resp: 88858
Ion Ratio Lower Upper
84 100
49 138.8 109.9 164.9
51 43.9 32.7 49.1
86 63.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.983 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

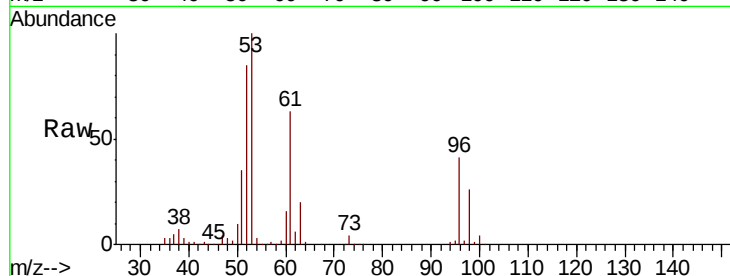
Tot Ion: 96 Resp: 76055

Ion Ratio Lower Upper

96 100

61 153.6 124.5 186.7

98 64.1 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

80000

60000

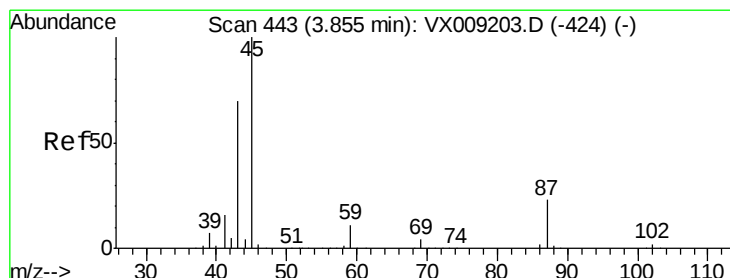
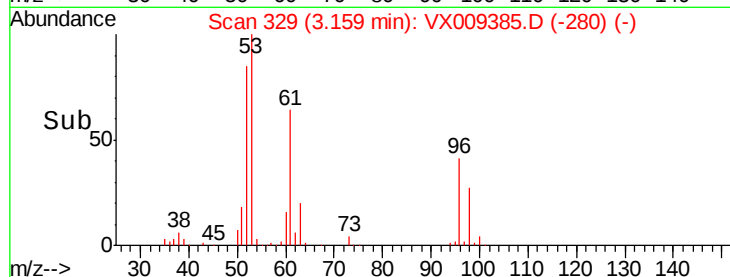
40000

20000

0

3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 48.394 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion: 45 Resp: 345906

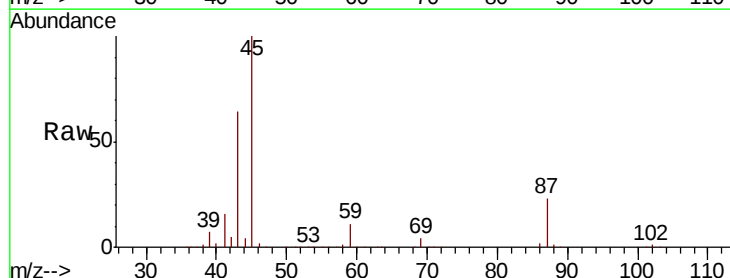
Ion Ratio Lower Upper

45 100

43 63.7 56.1 84.1

87 22.8 18.1 27.1

59 10.8 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

800000

600000

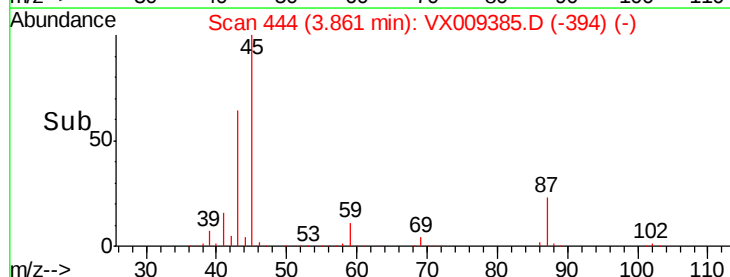
400000

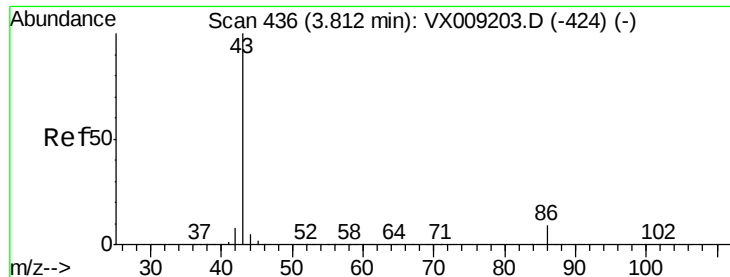
200000

0

3.80 4.00

Time-->





#23

Vinyl Acetate

Concen: 253.258 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

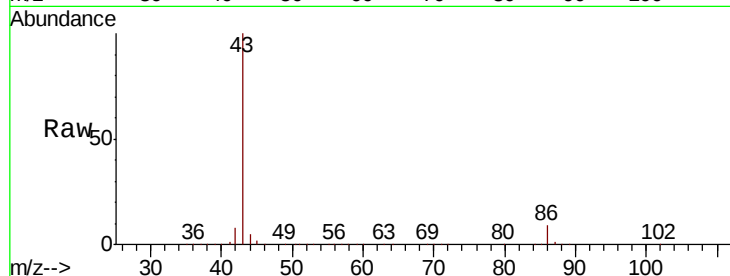
SS003RW114R-190506MS

Tot Ion: 43 Resp: 1550097

Ion Ratio Lower Upper

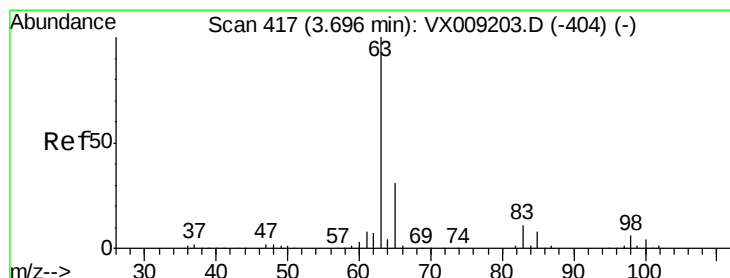
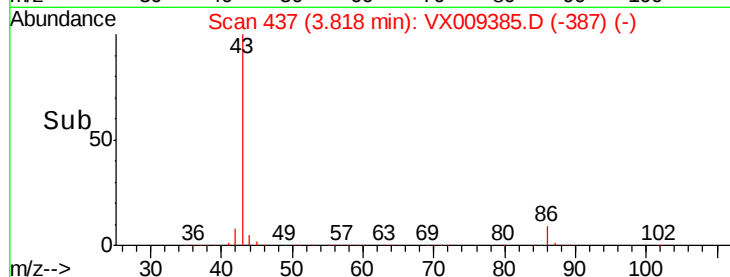
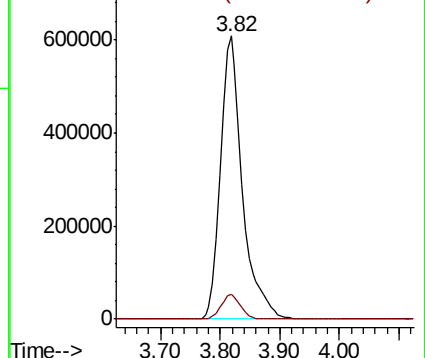
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.967 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

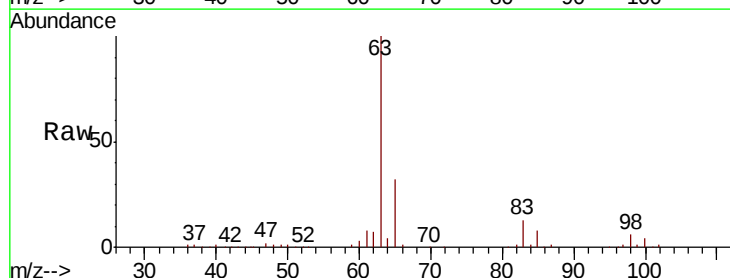
Tgt Ion: 63 Resp: 165608

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

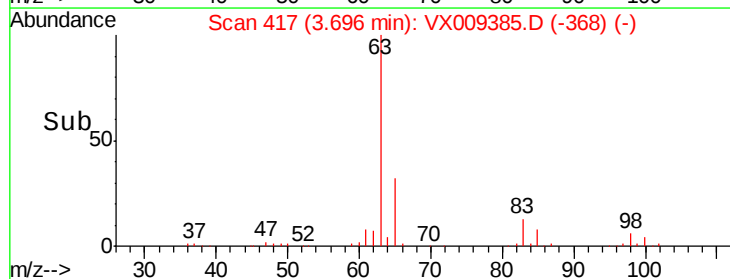
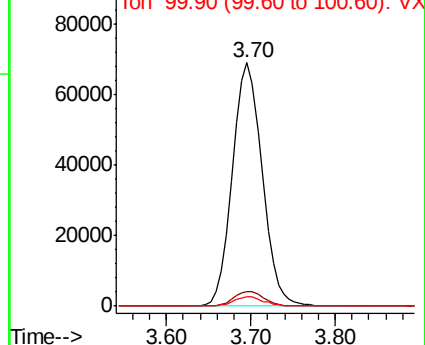
100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 262.487 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

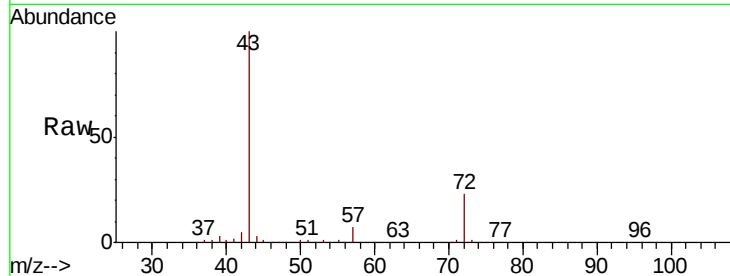
SS003RW114R-190506MS

Tot Ion: 43 Resp: 485992

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX009385.D (-528) (-)

Ion 72.00 (71.70 to 72.70): VX009385.D (-528) (-)

200000

150000

100000

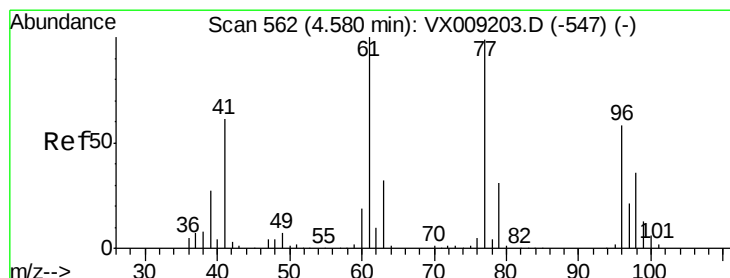
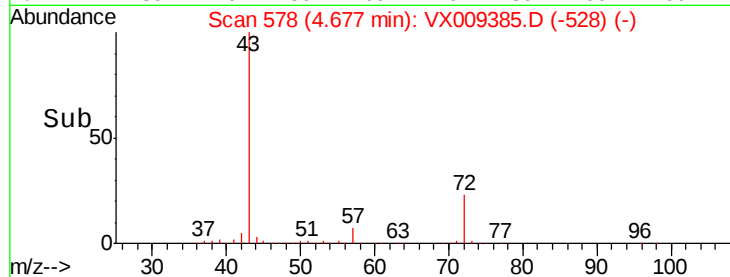
50000

0

4.60 4.70 4.80

4.68

Time-->



#26

2,2-Dichloropropane

Concen: 42.735 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009385.D

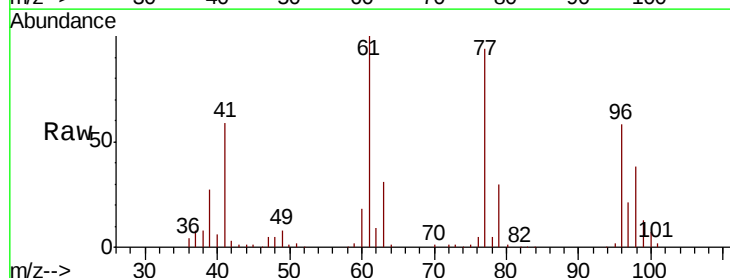
Acq: 07 May 2019 18:28

Tgt Ion: 77 Resp: 112160

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX009385.D (-513) (-)

Ion 96.90 (96.60 to 97.60): VX009385.D (-513) (-)

40000

30000

20000

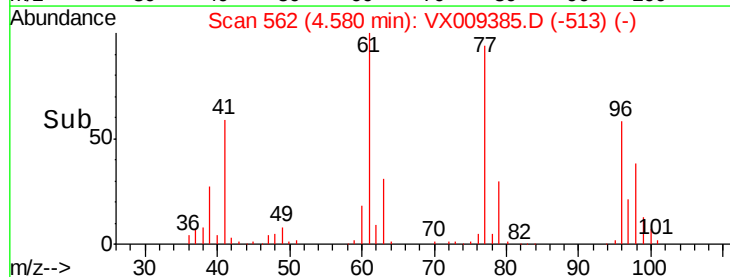
10000

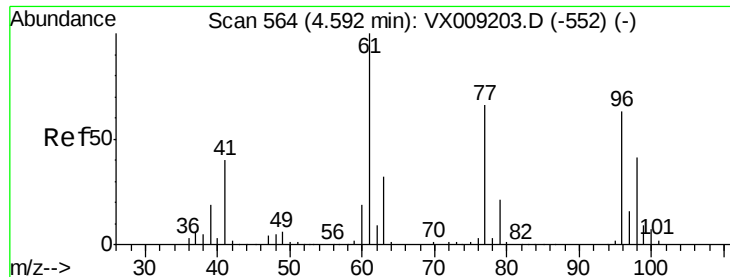
0

4.40 4.50 4.60 4.70

4.58

Time-->



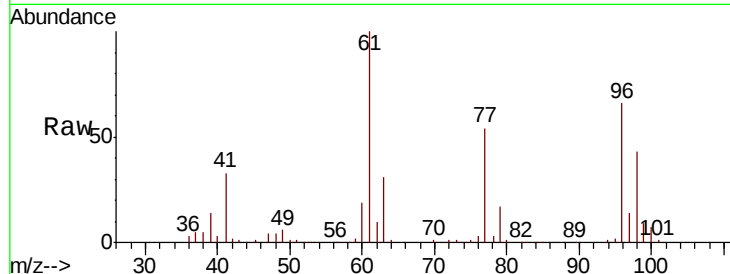


#27

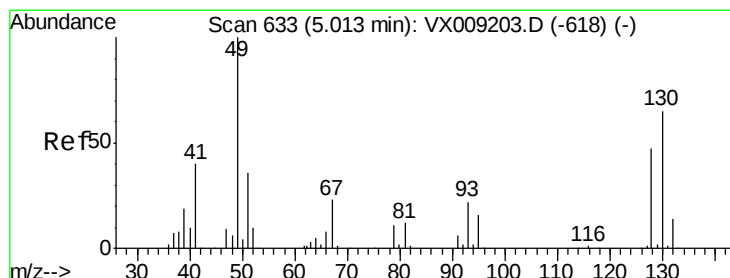
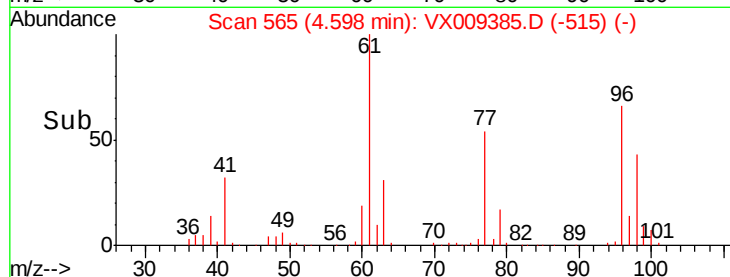
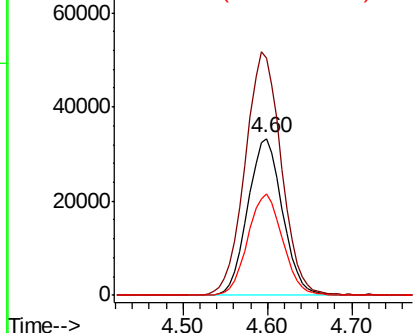
cis-1,2-Dichloroethene
Concen: 47.331 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion: 96 Resp: 93441
Ion Ratio Lower Upper
96 100
61 161.8 0.0 324.0
98 64.8 0.0 130.4



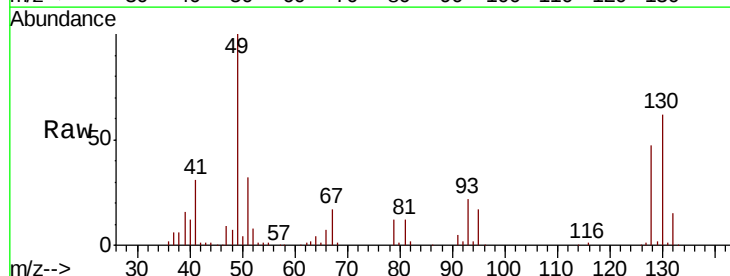
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



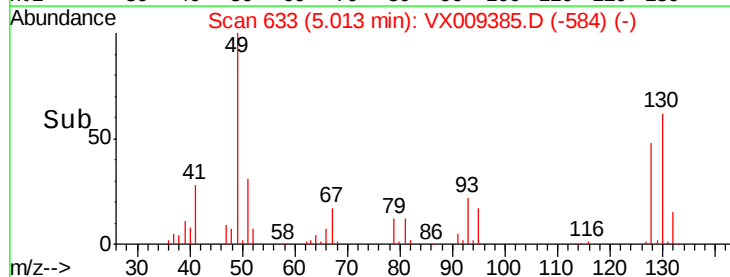
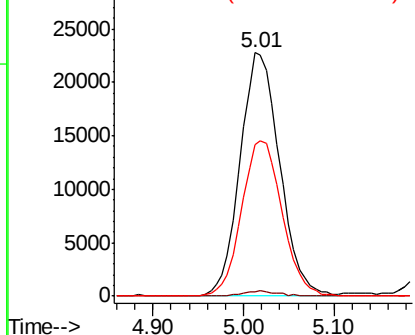
#28

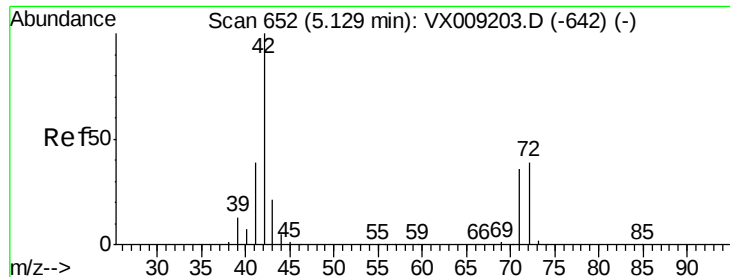
Bromochloromethane
Concen: 48.608 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 49 Resp: 69102
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.9 51.2 76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

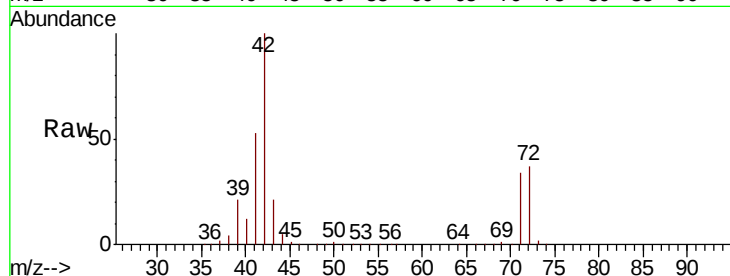




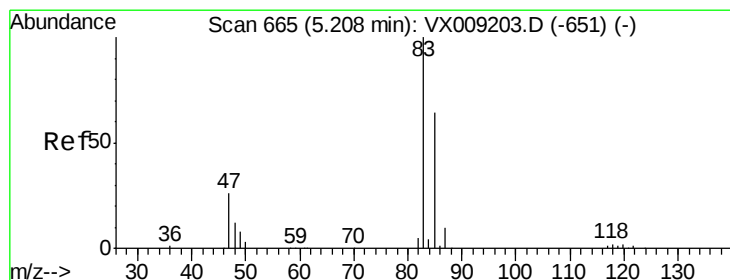
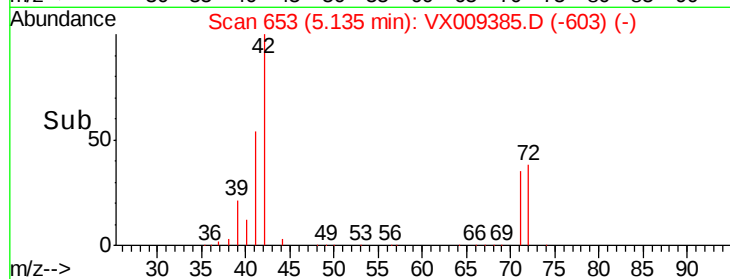
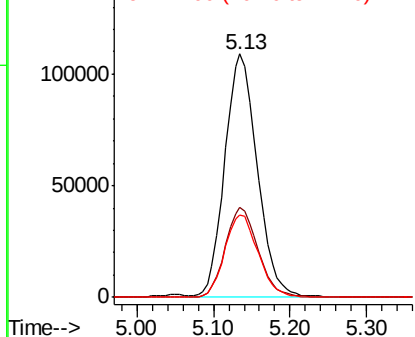
#29
Tetrahydrofuran
Concen: 267.803 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.4	45.6
71	35.1	28.6	43.0

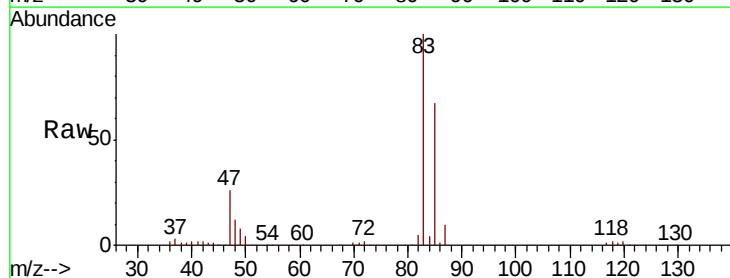


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

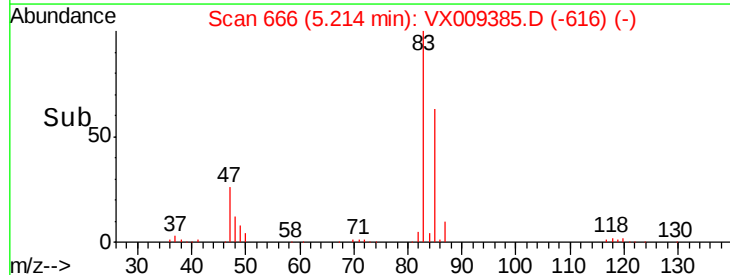
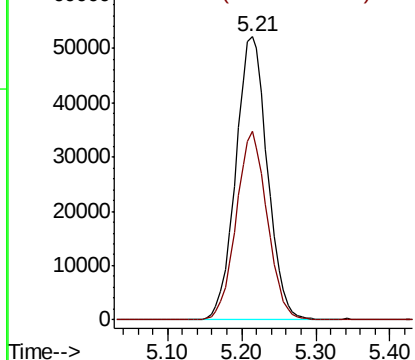


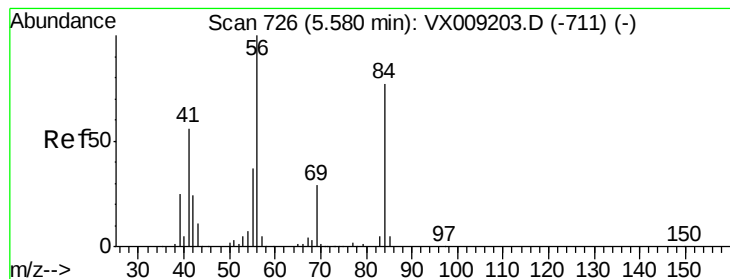
#30
Chloroform
Concen: 48.793 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.688 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

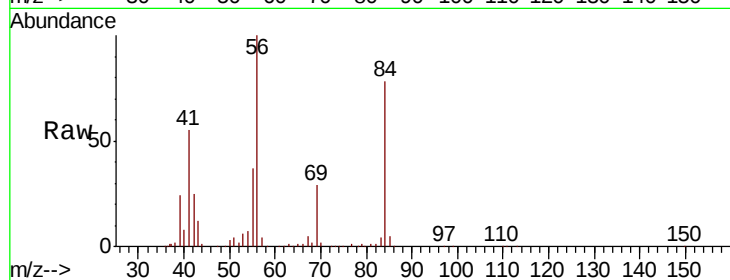
Tot Ion: 56 Resp: 149878

Ion Ratio Lower Upper

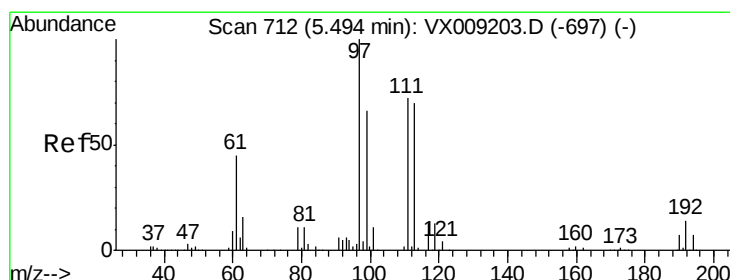
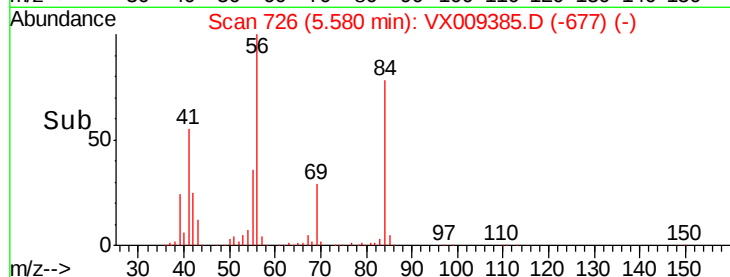
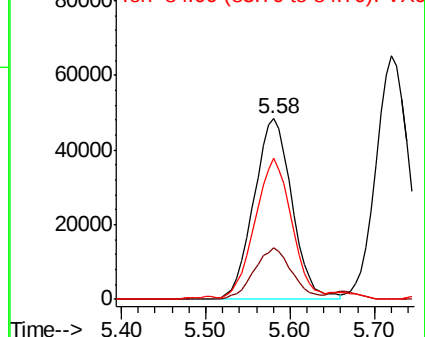
56 100

69 28.9 23.4 35.0

84 76.9 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.684 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

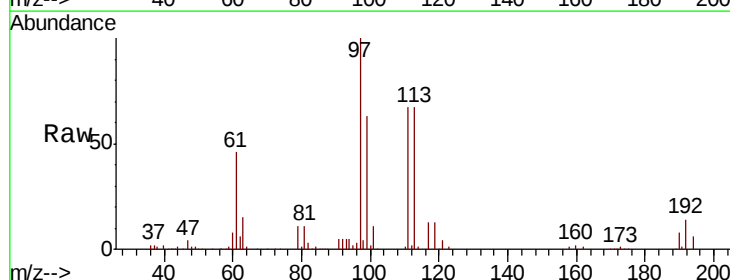
Tgt Ion: 97 Resp: 126590

Ion Ratio Lower Upper

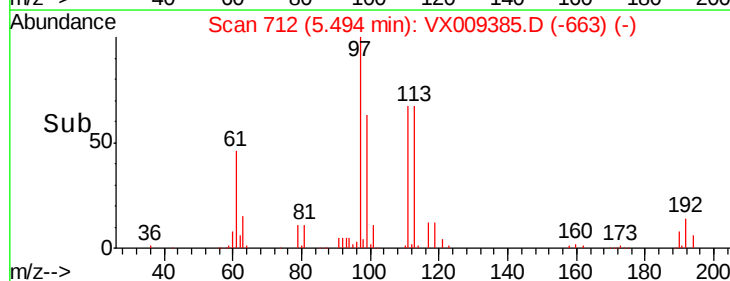
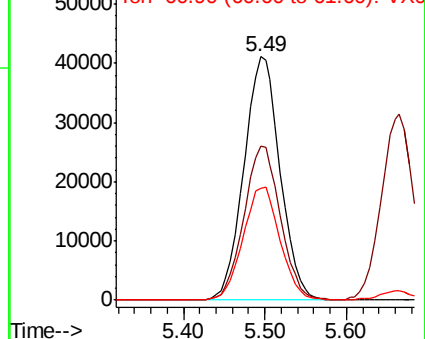
97 100

99 63.9 51.8 77.8

61 47.8 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

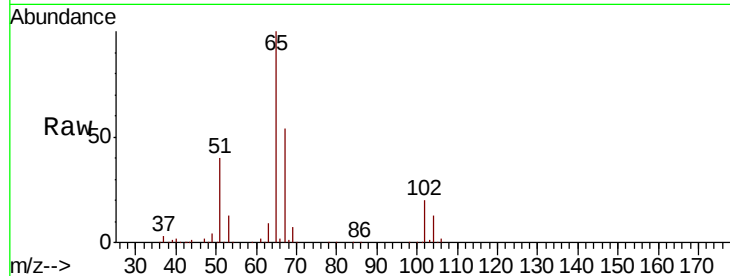
SS003RW114R-190506MS

Tot Ion: 65 Resp: 109087

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6

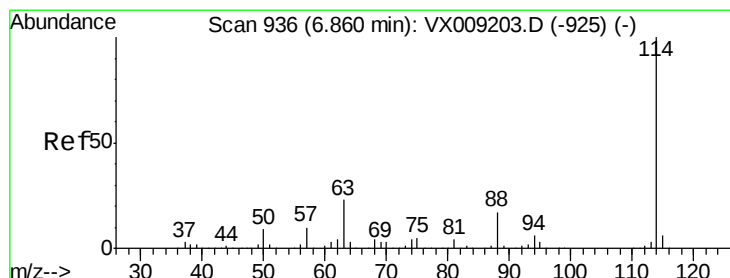
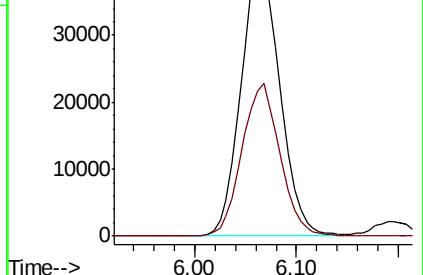
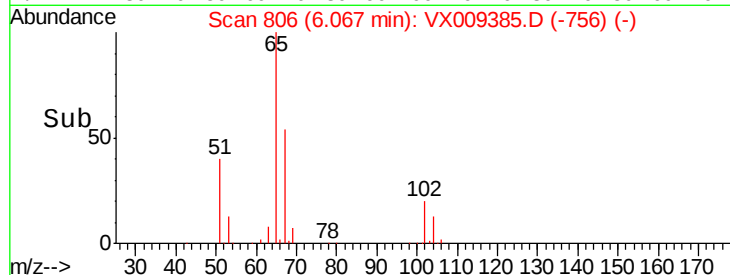


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

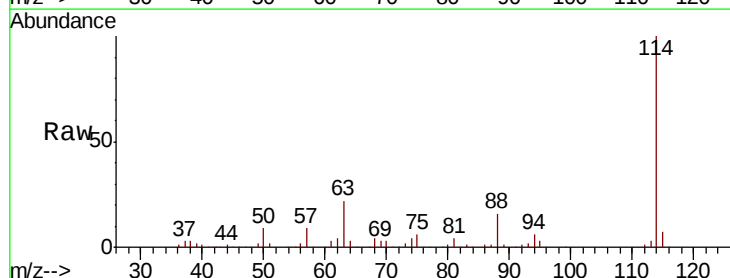
Tgt Ion: 114 Resp: 262076

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.3 0.0 33.2



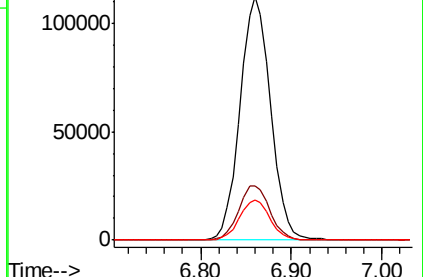
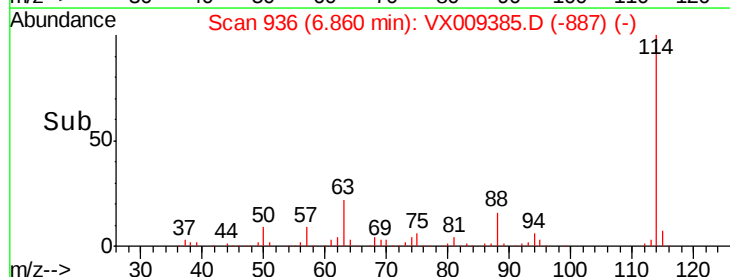
Abundance Ion 113.90 (113.60 to 114.60): V

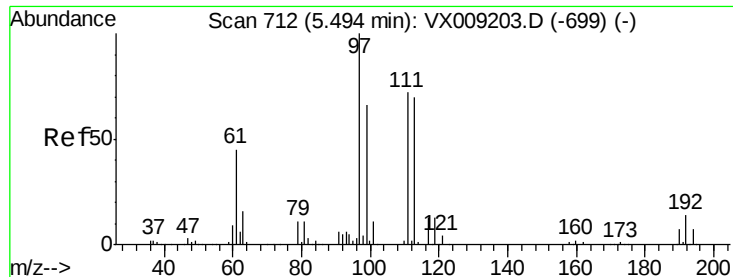
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->

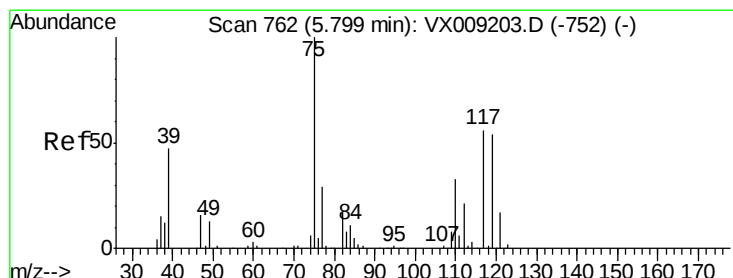
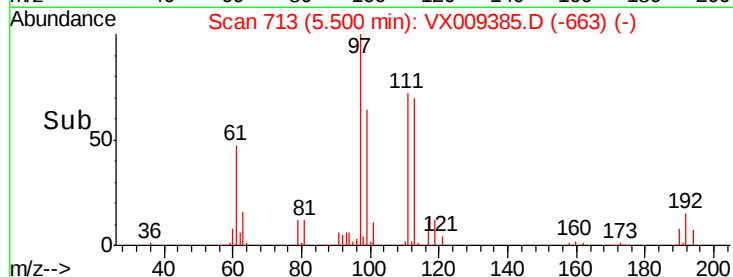
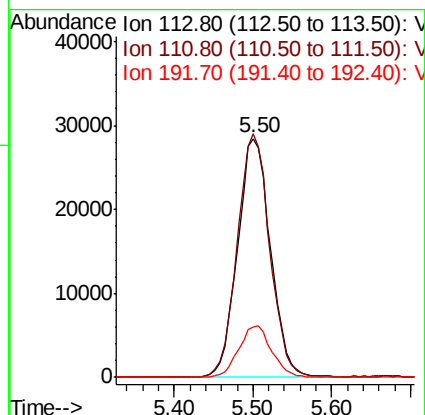
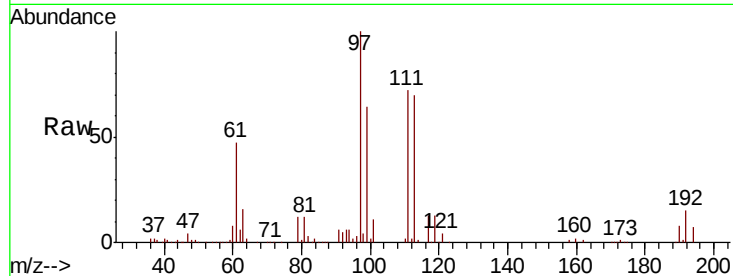




#35
 Dibromofluoromethane
 Concen: 50.162 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

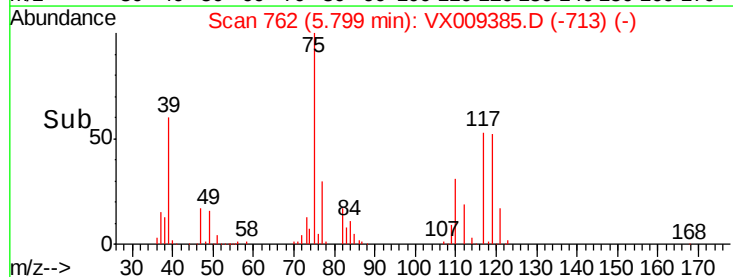
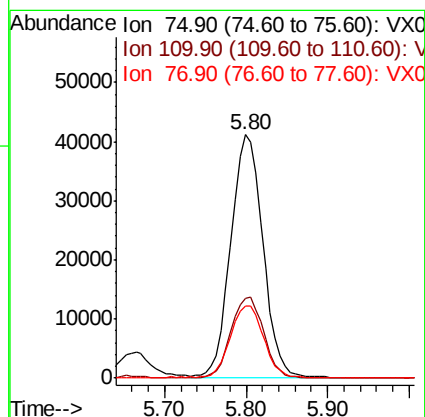
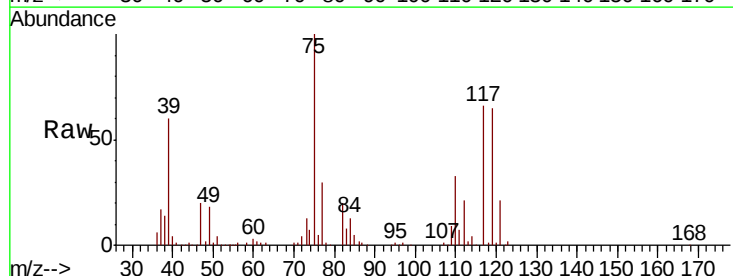
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

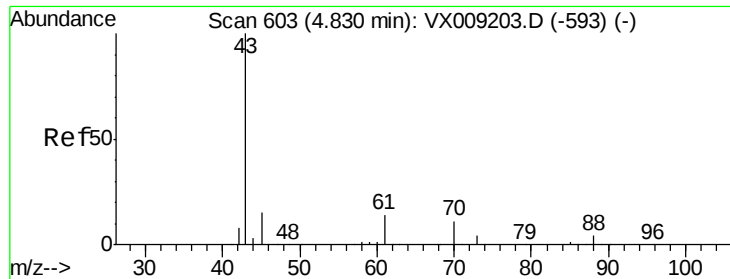
Tot Ion:113 Resp: 82642
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.8 124.2
 192 21.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 45.743 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 75 Resp: 111408
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.9 50.6
 77 30.6 24.8 37.2





#37

Ethyl Acetate

Concen: 51.730 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

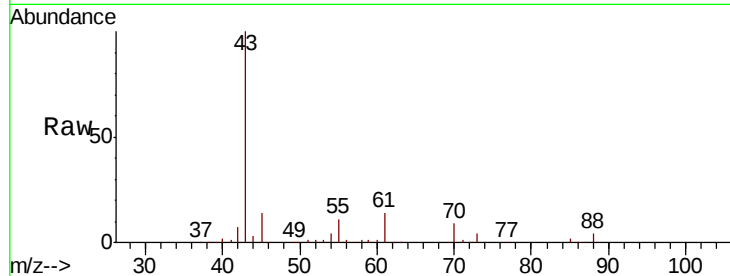
Tot Ion: 43 Resp: 175540

Ion Ratio Lower Upper

43 100

61 13.5 10.5 15.7

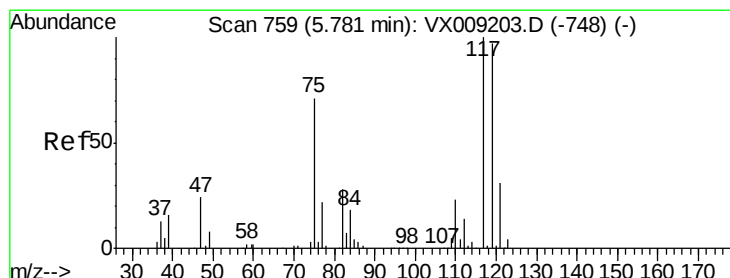
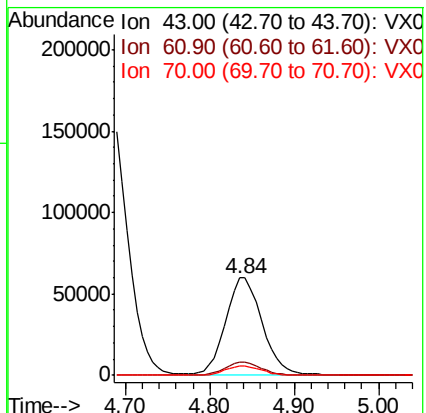
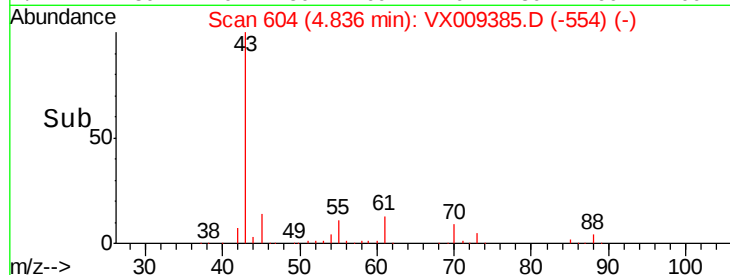
70 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009385.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009385.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009385.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 47.423 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

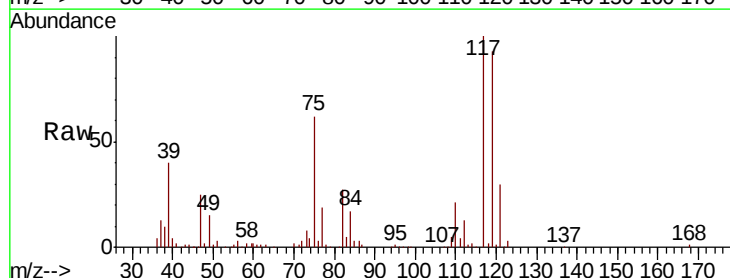
Tgt Ion: 117 Resp: 104938

Ion Ratio Lower Upper

117 100

119 92.4 77.5 116.3

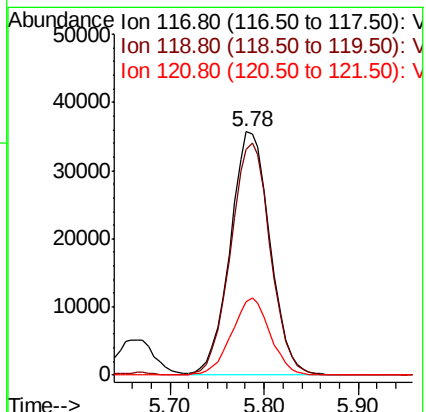
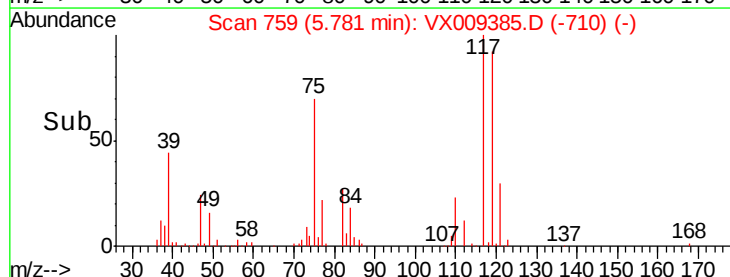
121 30.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VX009385.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009385.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009385.D (-710) (-)

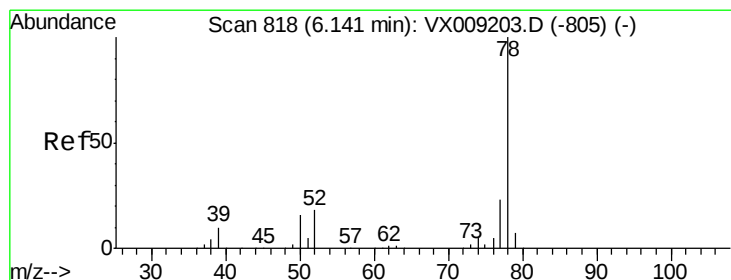
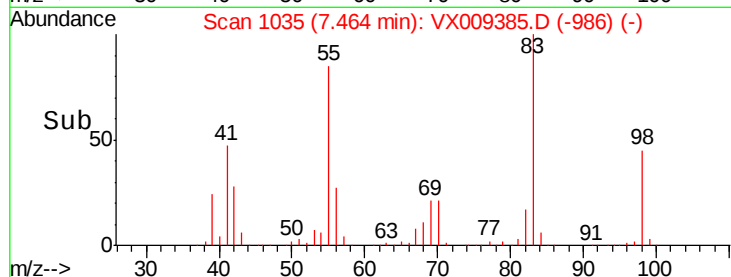
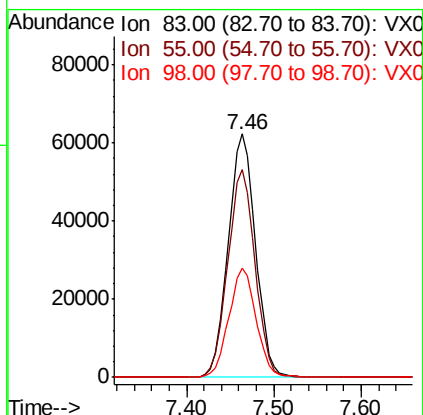
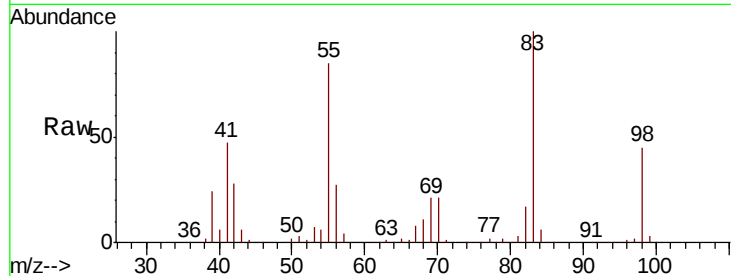




#39
Methvlcvclohexane
Concen: 45.308 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

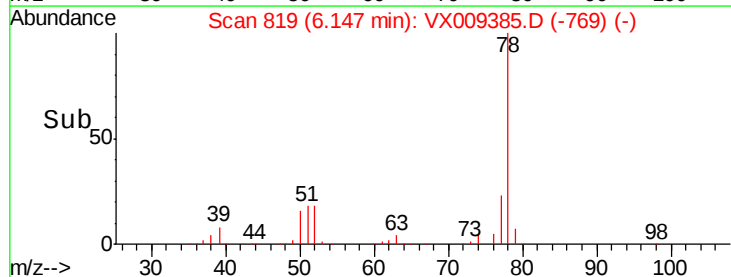
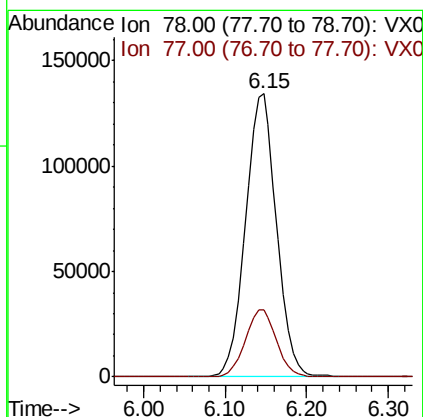
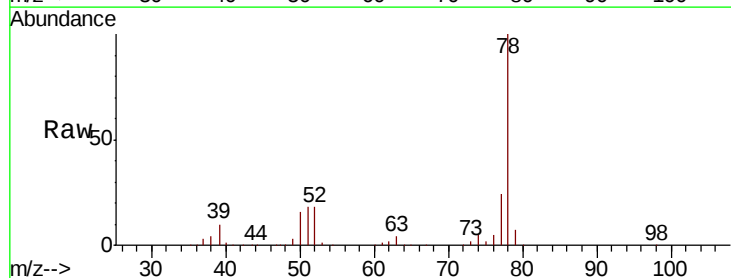
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion: 83 Resp: 135517
Ion Ratio Lower Upper
83 100
55 85.3 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 47.101 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 78 Resp: 355024
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

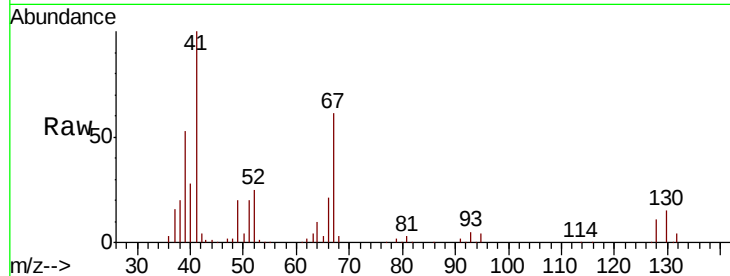




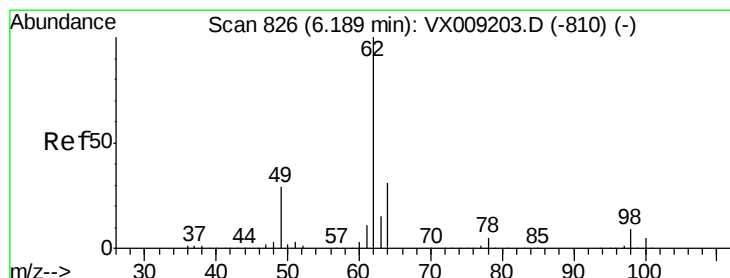
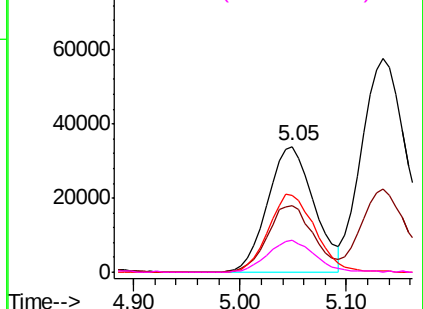
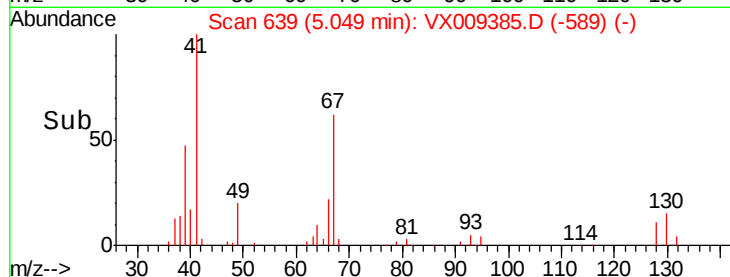
#41
Methacrylonitrile
Concen: 50.672 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion:	41	Resp:	102356
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.0	63.0
67	62.6	49.8	74.8
52	26.3	20.3	30.5

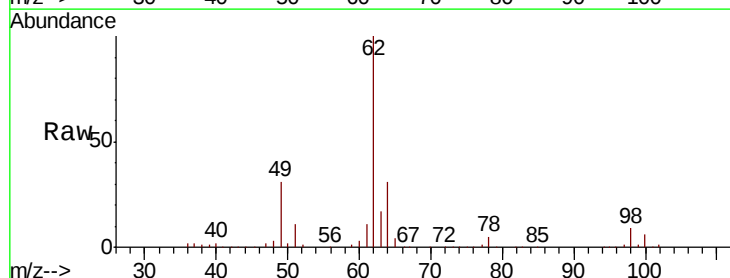


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

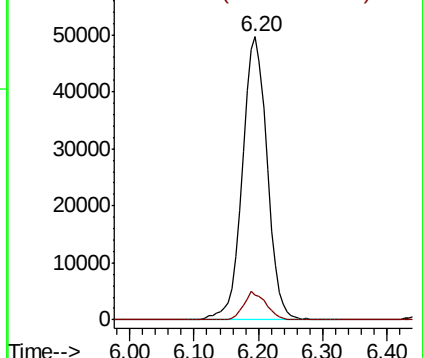
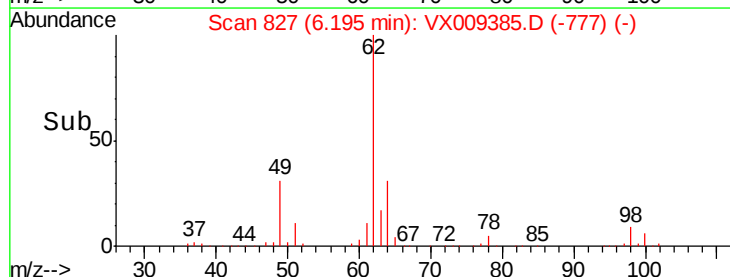


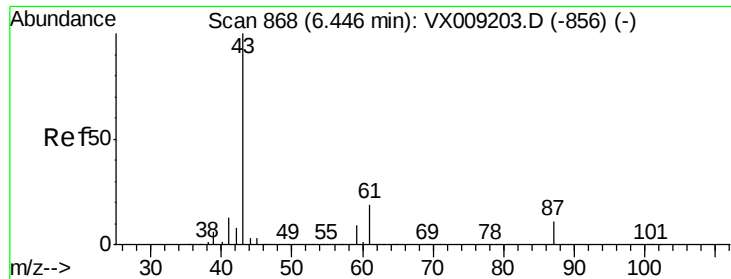
#42
1,2-Dichloroethane
Concen: 48.490 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion:	62	Resp:	131109
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.135 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

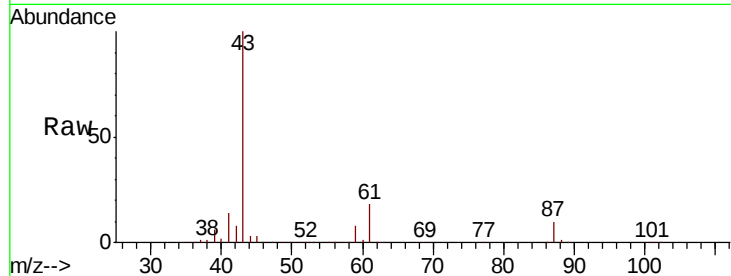
Tot Ion: 43 Resp: 277556

Ion Ratio Lower Upper

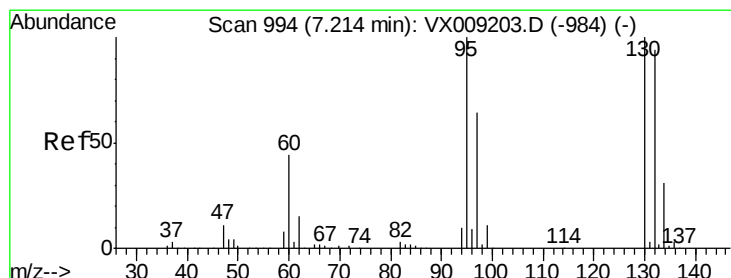
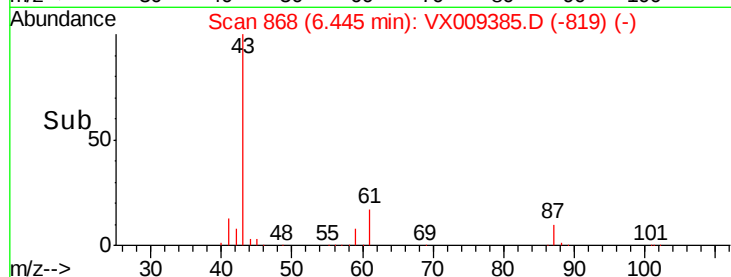
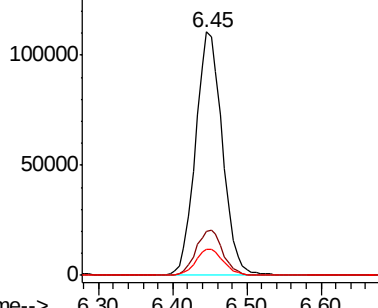
43 100

61 18.9 15.1 22.7

87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.895 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009385.D

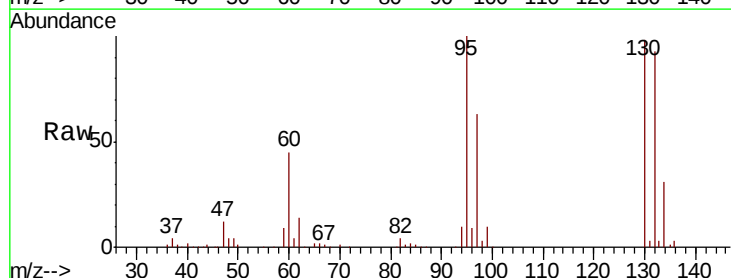
Acq: 07 May 2019 18:28

Tgt Ion:130 Resp: 83629

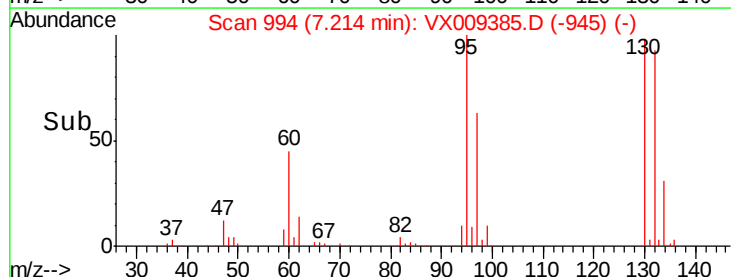
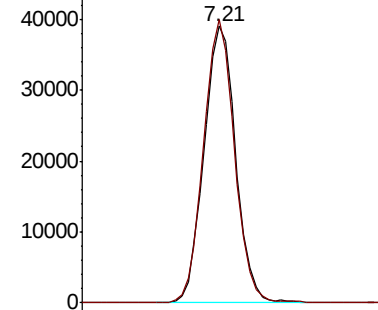
Ion Ratio Lower Upper

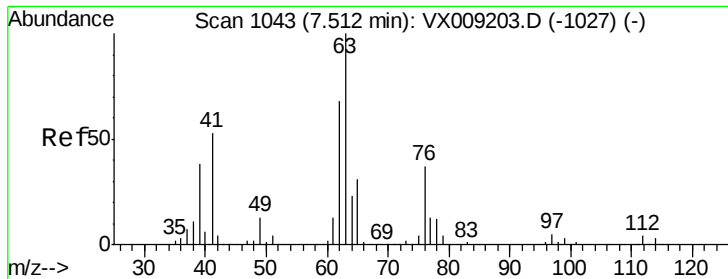
130 100

95 102.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.593 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

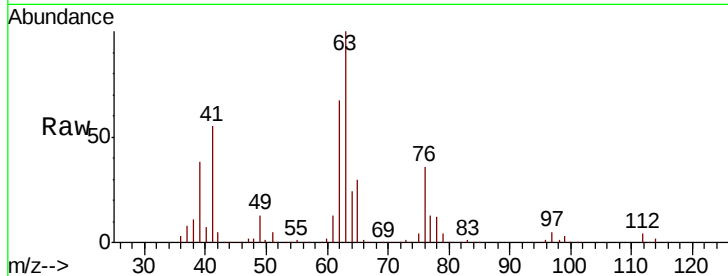
SS003RW114R-190506MS

Tot Ion: 63 Resp: 103712

Ion Ratio Lower Upper

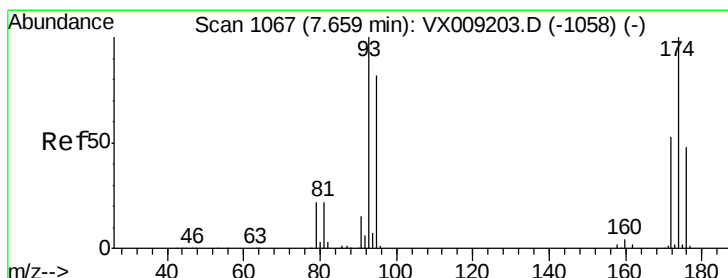
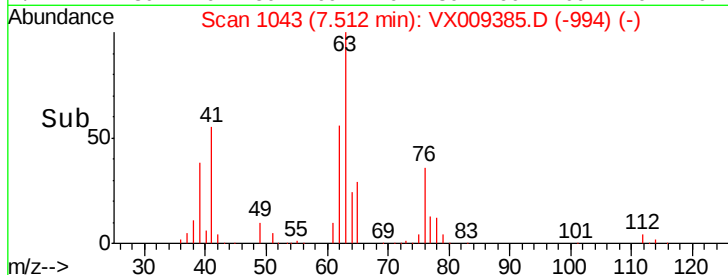
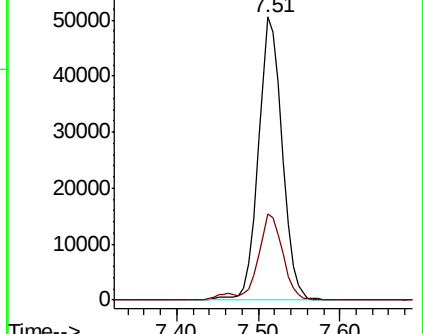
63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.052 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

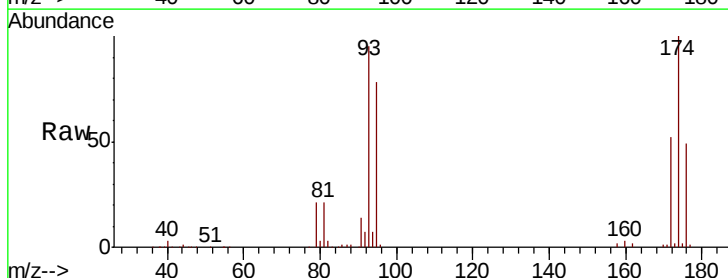
Tgt Ion: 93 Resp: 59556

Ion Ratio Lower Upper

93 100

95 84.0 66.5 99.7

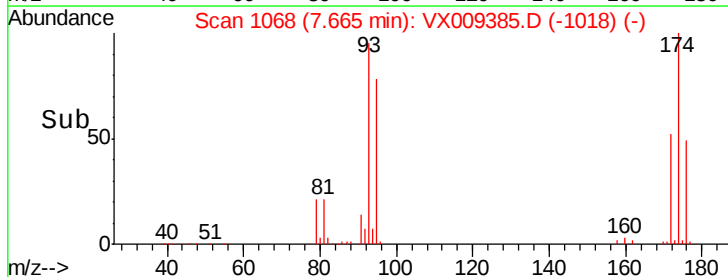
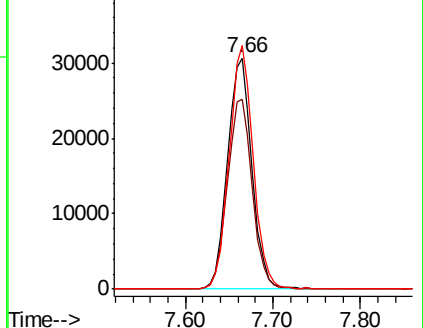
174 103.9 82.1 123.1

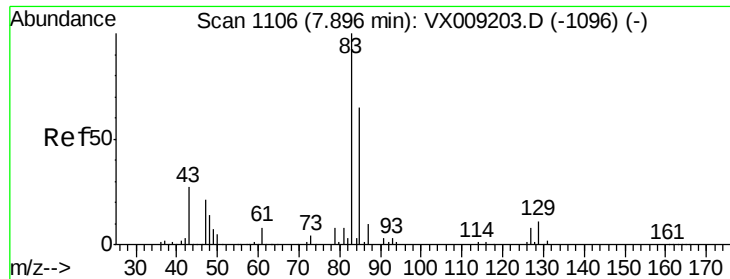


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.946 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

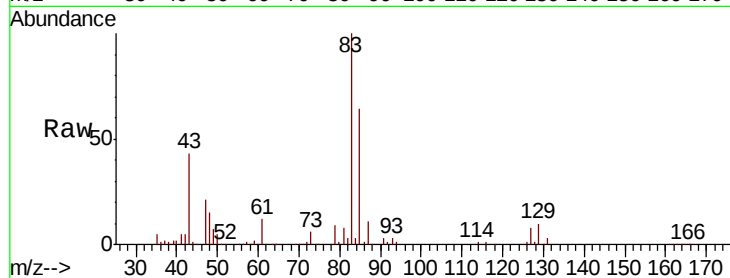
Tot Ion: 83 Resp: 121008

Ion Ratio Lower Upper

83 100

85 64.0 52.4 78.6

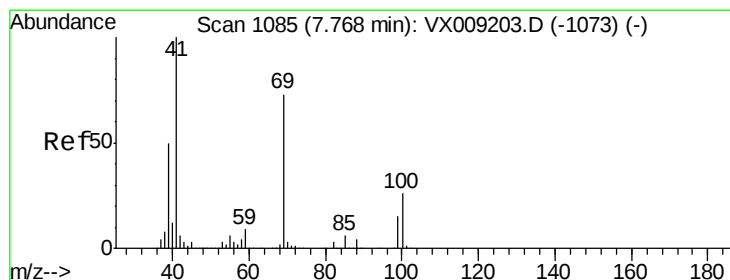
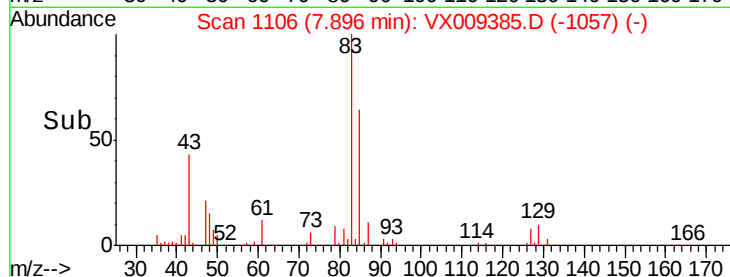
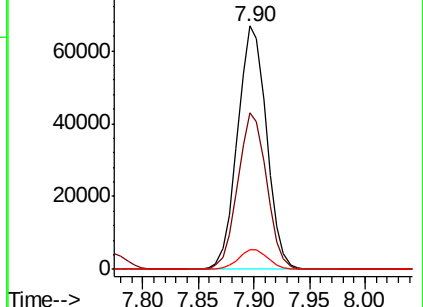
127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.263 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

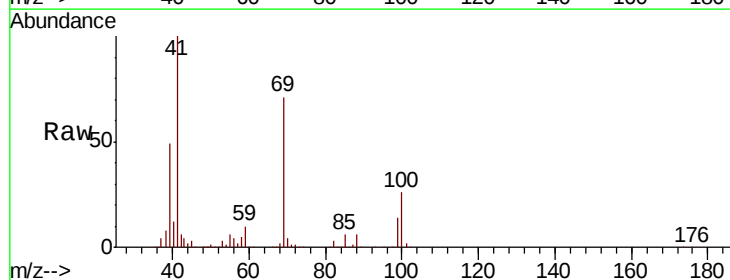
Tgt Ion: 41 Resp: 138046

Ion Ratio Lower Upper

41 100

69 73.2 59.1 88.7

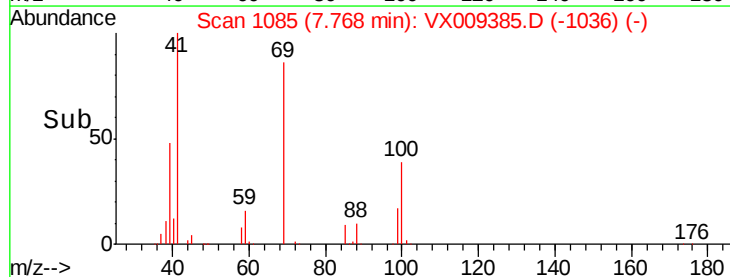
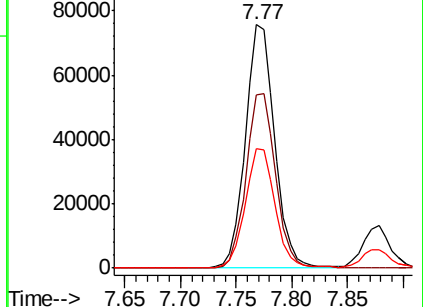
39 50.3 40.4 60.6

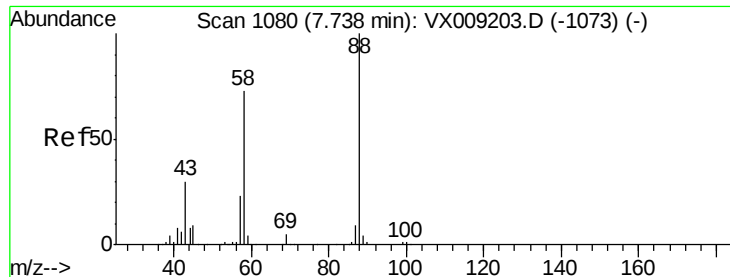


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

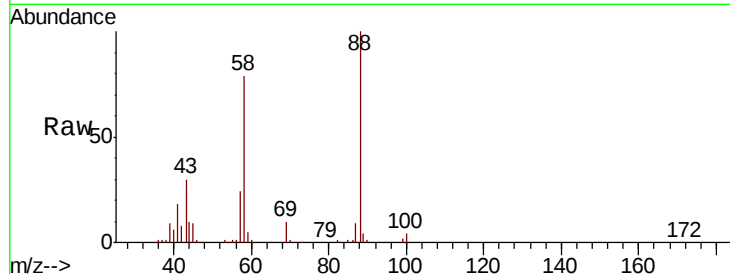




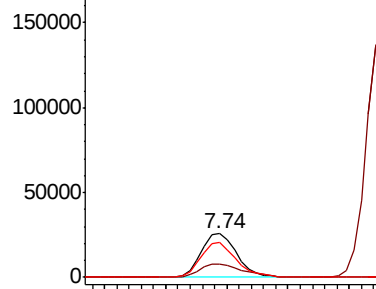
#49
 1,4-Dioxane
 Concen: 949.225 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

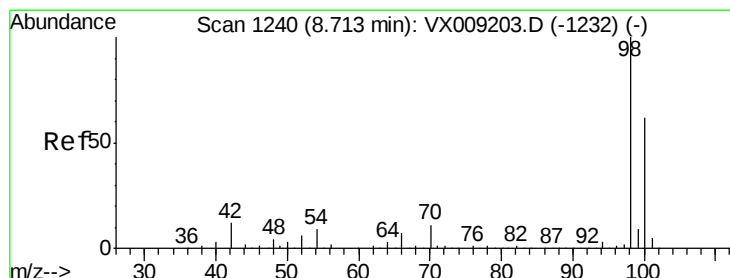
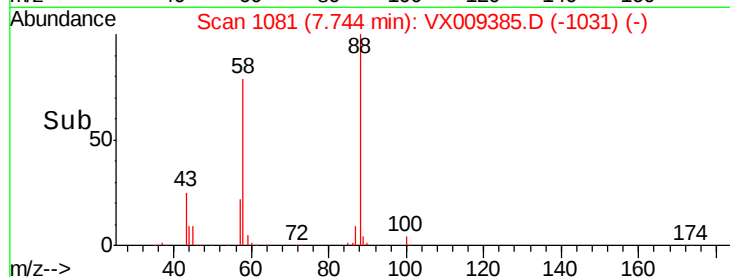
Tot Ion	88	Resp	51839
Ion	Ratio	Lower	Upper
88	100		
43	36.6	28.6	42.8
58	80.1	61.7	92.5



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

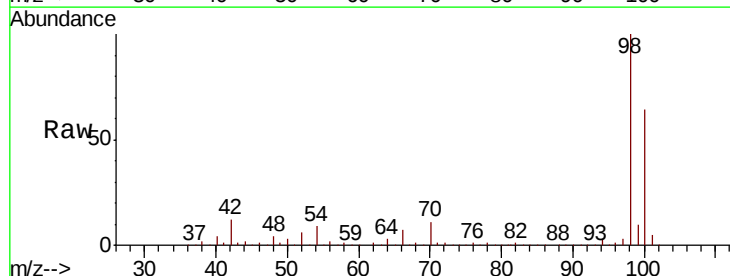


Time-->

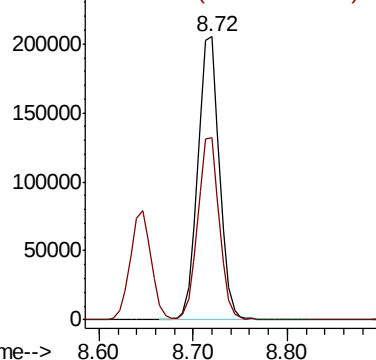


#50
 Toluene-d8
 Concen: 48.952 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

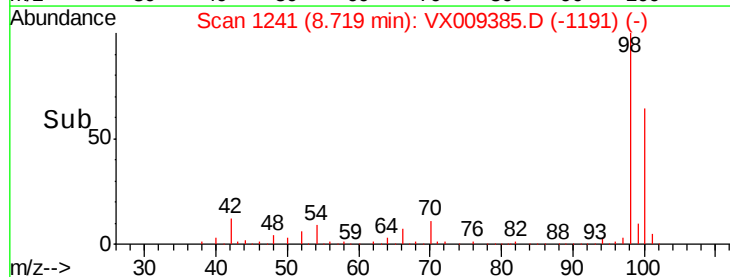
Tgt Ion	98	Resp	325598
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8



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



Time-->





#51

4-Methyl-2-Pentanone

Concen: 271.554 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

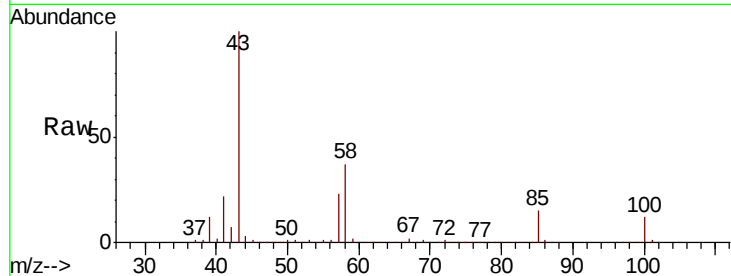
SS003RW114R-190506MS

Tot Ion: 43 Resp: 963415

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX009203.D (-1219) (-)

8.64

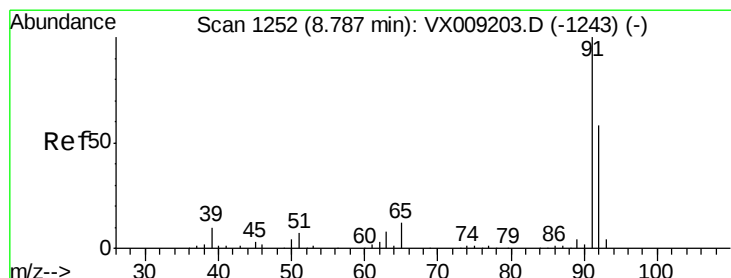
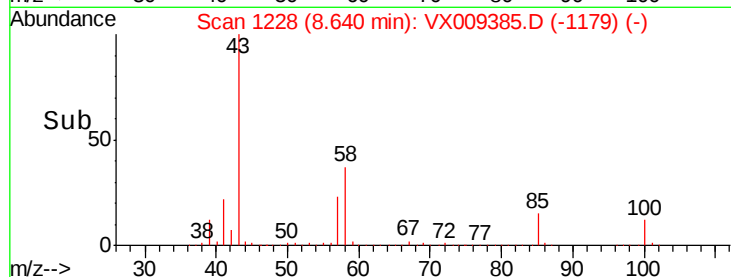
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 47.591 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009385.D

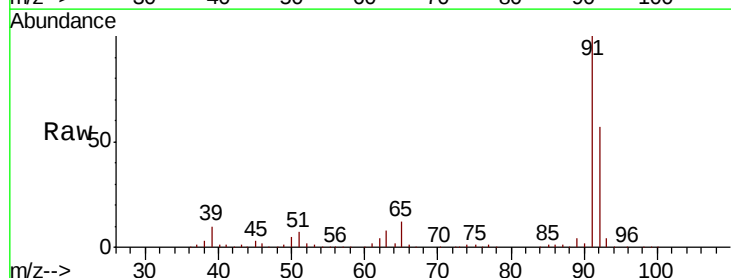
Acq: 07 May 2019 18:28

Tgt Ion: 92 Resp: 218053

Ion Ratio Lower Upper

92 100

91 173.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX009203.D (-1243) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1243) (-)

8.79

250000

200000

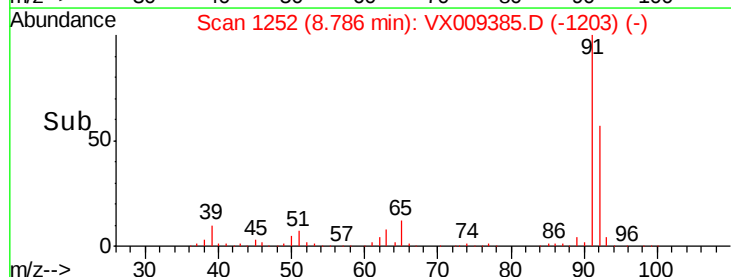
150000

100000

50000

0

Time--> 8.70 8.80 8.90

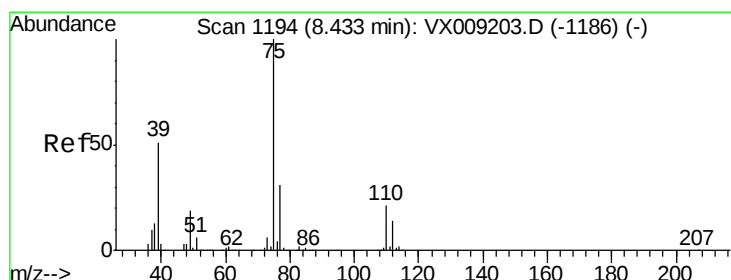
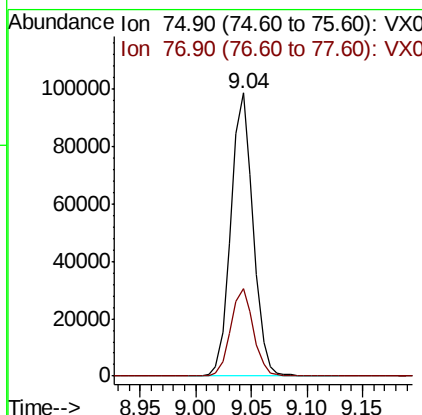
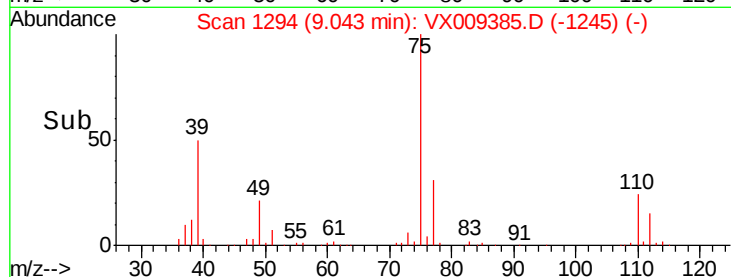
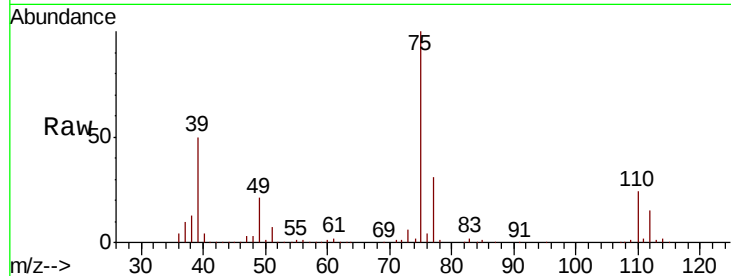




#53
 t-1,3-Dichloropropene
 Concen: 48.942 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

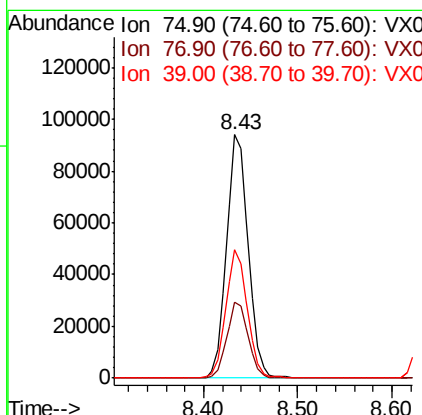
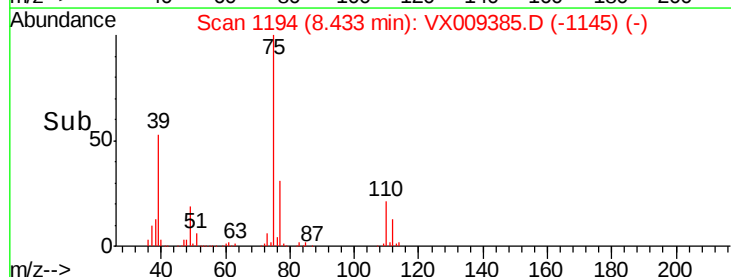
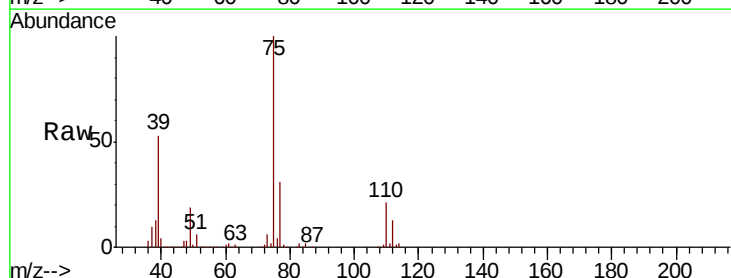
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

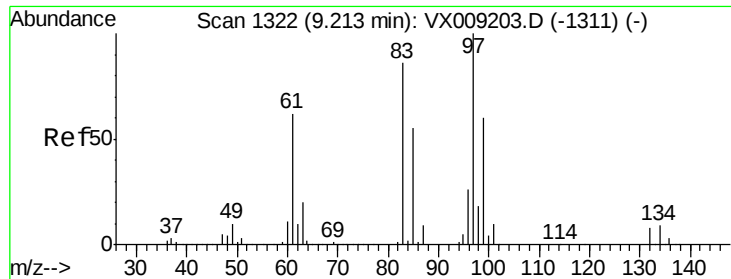
Tot Ion: 75 Resp: 136609
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.459 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 75 Resp: 149714
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 52.5 40.6 60.8

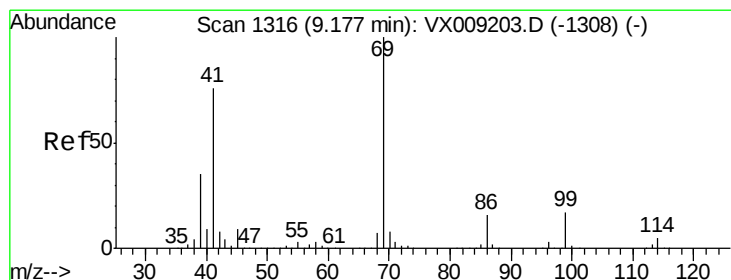
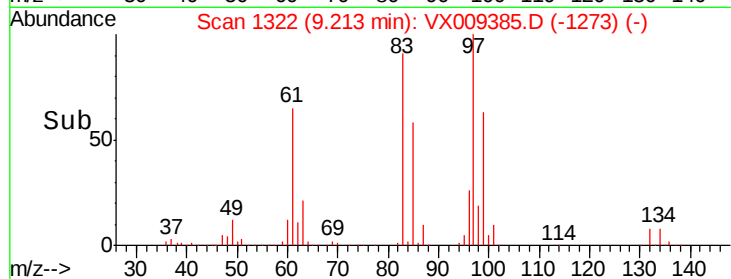
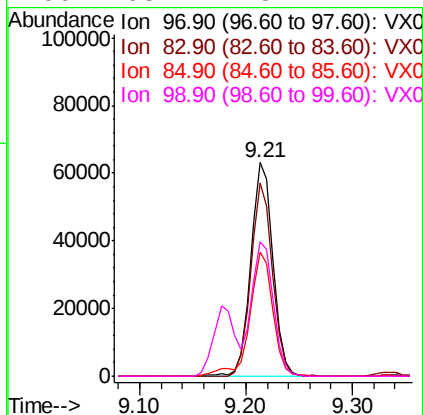
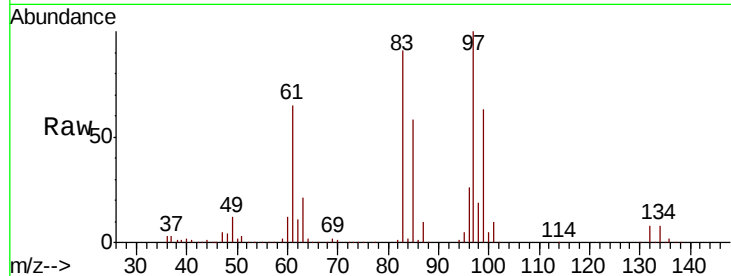




#55
 1,1,2-Trichloroethane
 Concen: 49.345 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

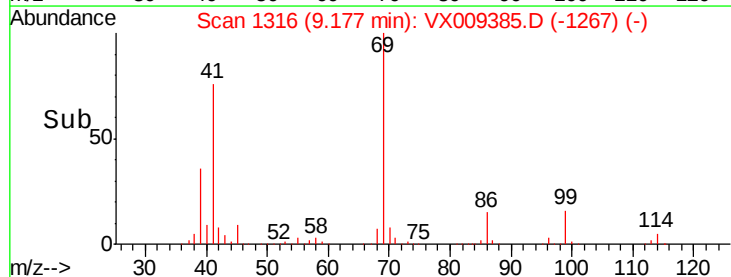
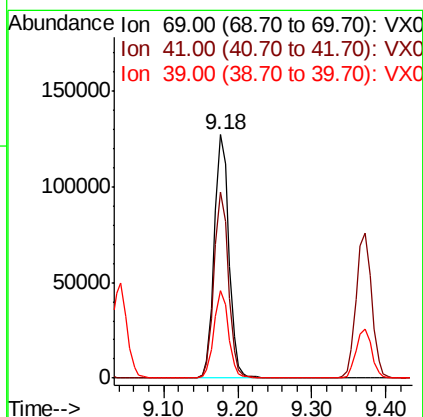
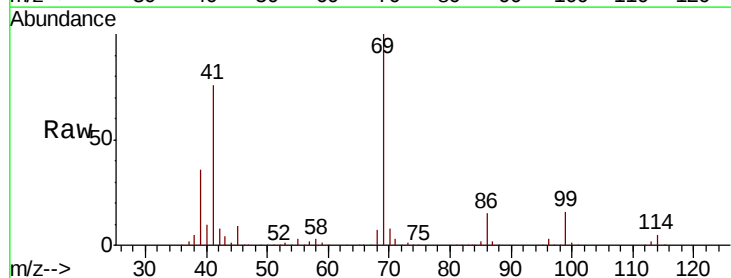
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

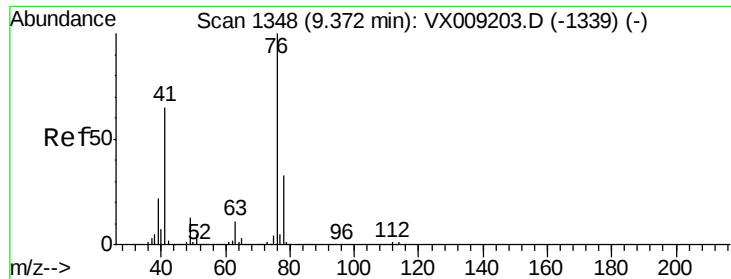
Tot Ion:	97	Resp:	92238
Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.9	103.3
85	57.9	43.8	65.6
99	63.2	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 51.416 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion:	69	Resp:	171561
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.6	90.8
39	35.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.443 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

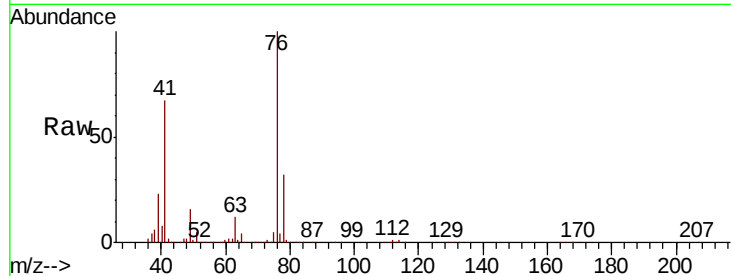
SS003RW114R-190506MS

Tot Ion: 76 Resp: 159349

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

60000

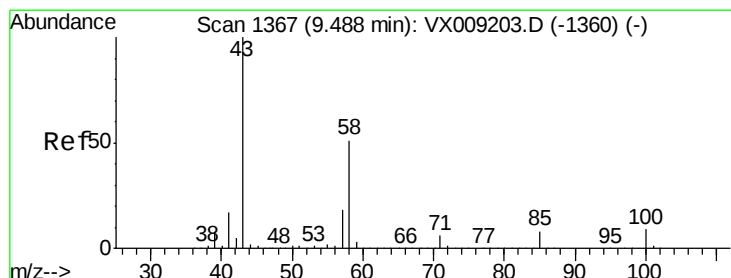
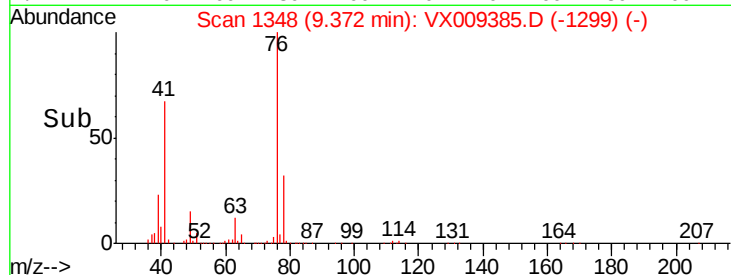
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 270.945 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009385.D

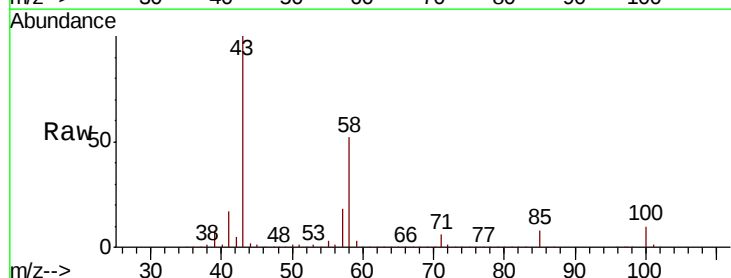
Acq: 07 May 2019 18:28

Tgt Ion: 43 Resp: 754958

Ion Ratio Lower Upper

43 100

58 51.6 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

500000

400000

300000

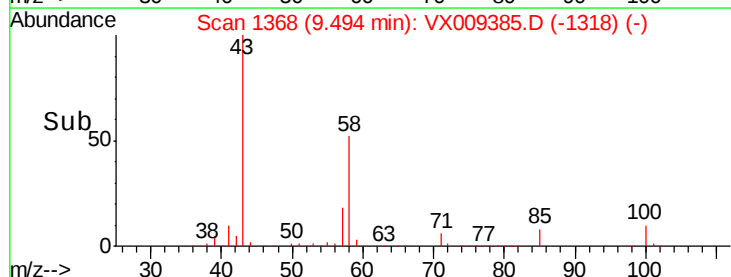
200000

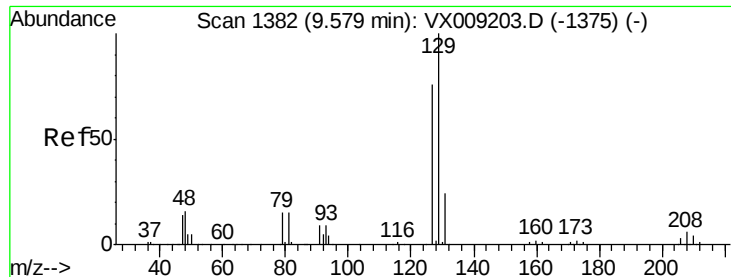
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.564 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

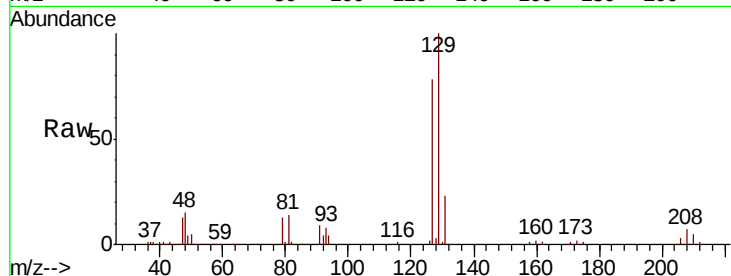
SS003RW114R-190506MS

Tot Ion:129 Resp: 92313

Ion Ratio Lower Upper

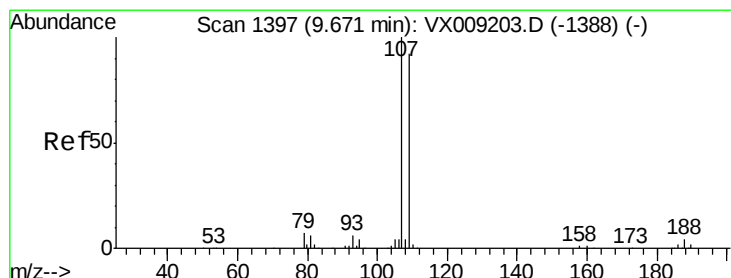
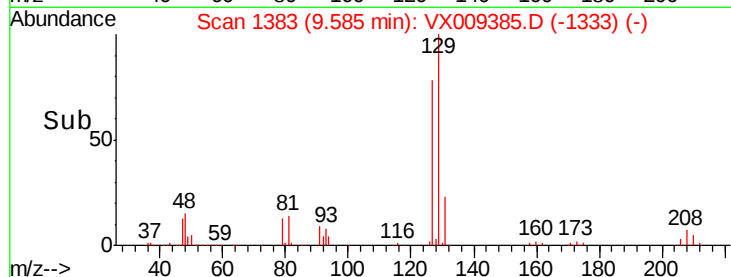
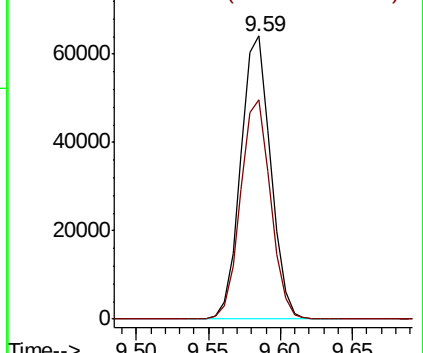
129 100

127 77.9 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.223 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009385.D

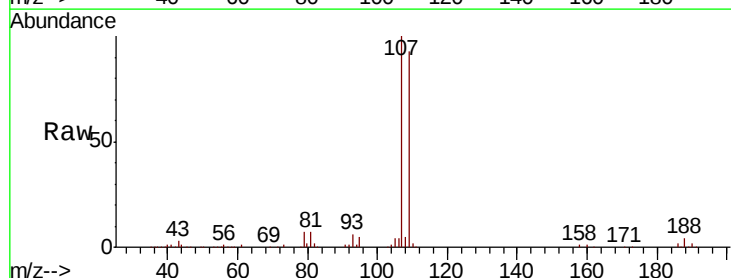
Acq: 07 May 2019 18:28

Tgt Ion:107 Resp: 92879

Ion Ratio Lower Upper

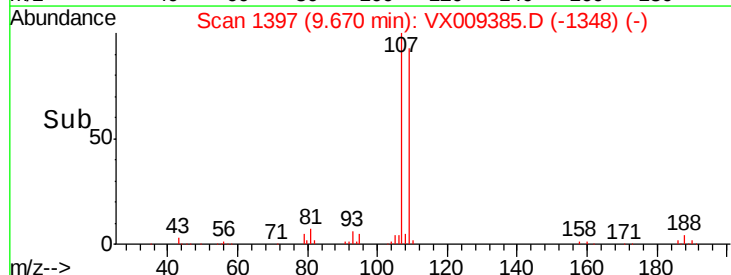
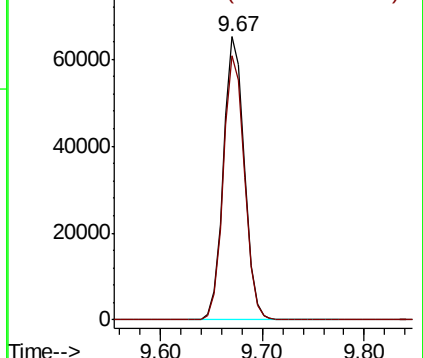
107 100

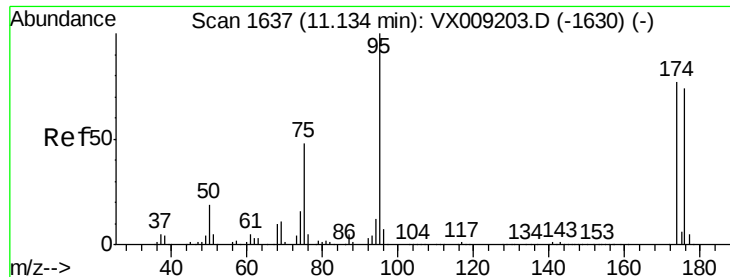
109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

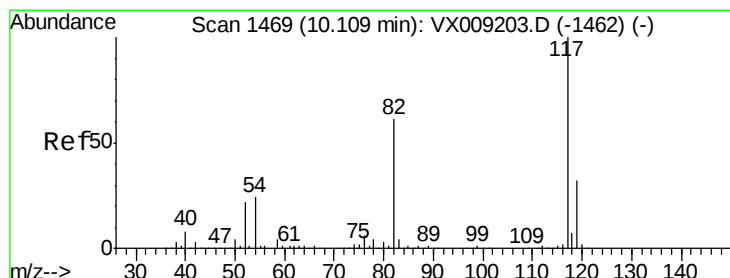
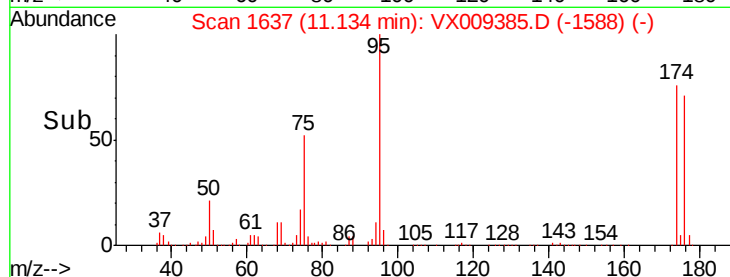
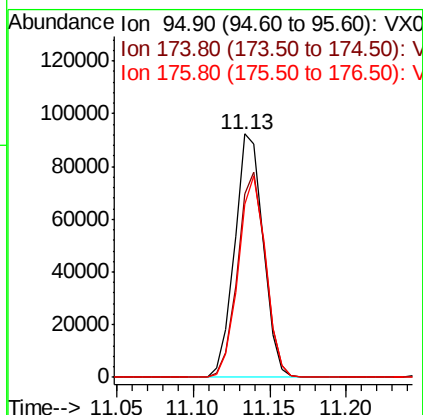
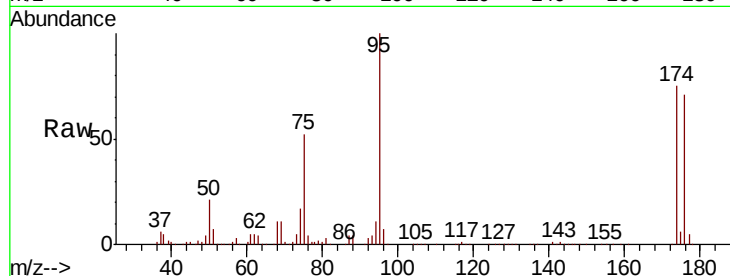




#62
4-Bromofluorobenzene
Concen: 49.355 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

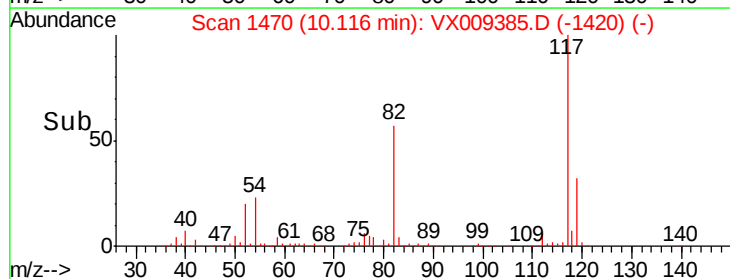
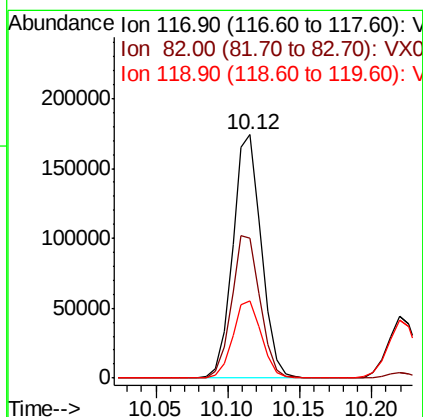
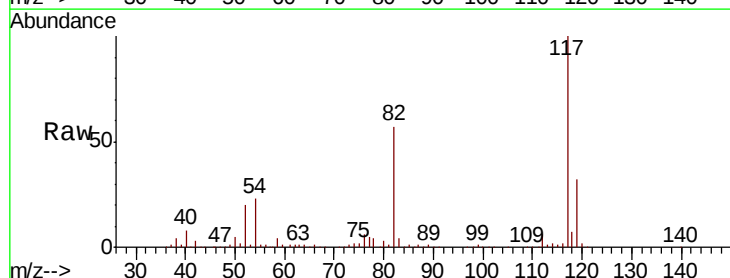
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

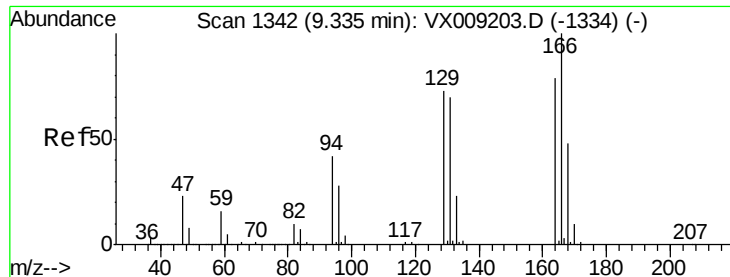
Tot Ion: 95 Resp: 119285
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.6
176 80.0 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 117 Resp: 240363
Ion Ratio Lower Upper
117 100
82 57.4 48.8 73.2
119 31.9 25.8 38.6





#64

Tetrachloroethene

Concen: 41.437 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion:164 Resp: 68320

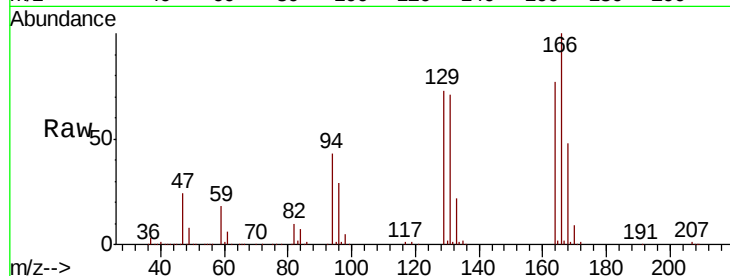
Ion Ratio Lower Upper

164 100

166 130.2 101.2 151.8

129 94.7 74.3 111.5

131 92.4 71.0 106.6

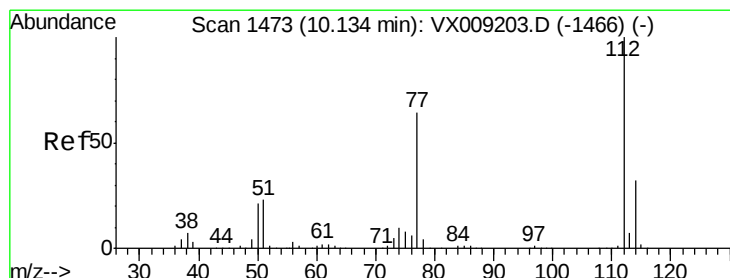
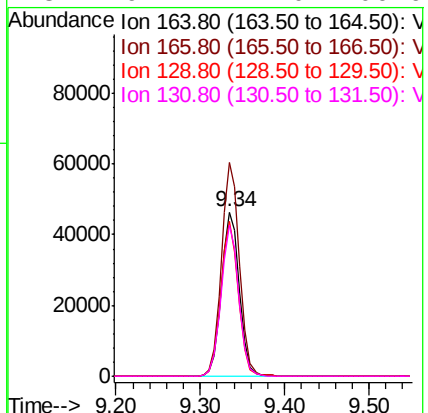
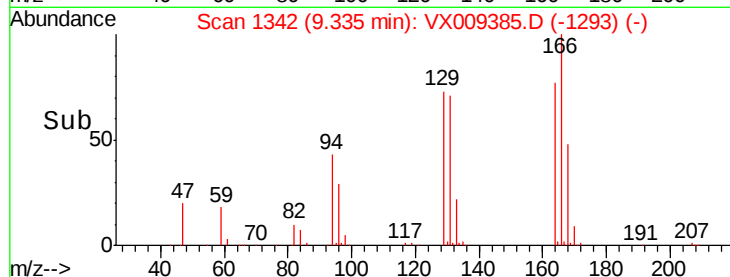


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 83.890 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009385.D

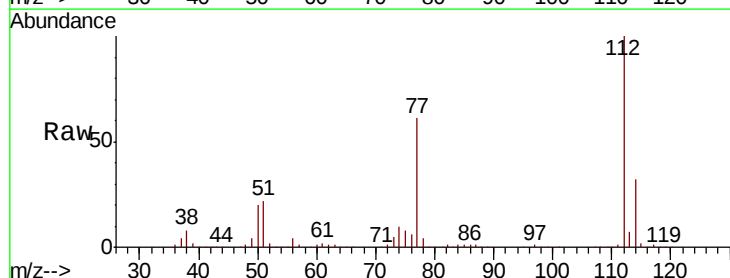
Acq: 07 May 2019 18:28

Tgt Ion:112 Resp: 403373

Ion Ratio Lower Upper

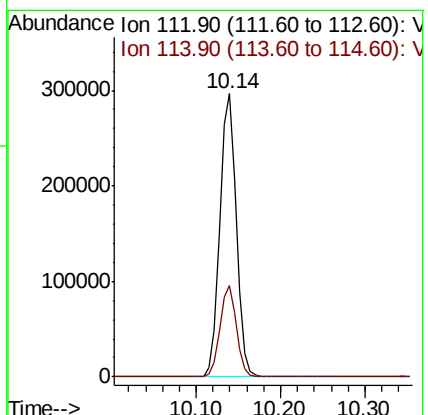
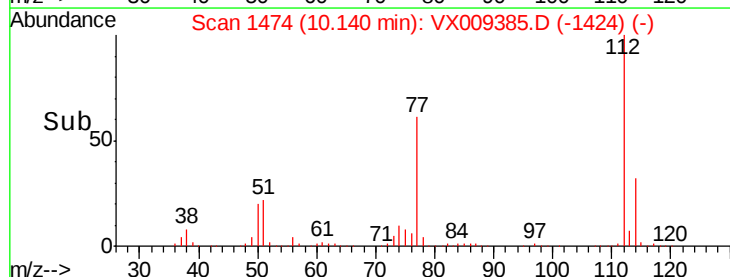
112 100

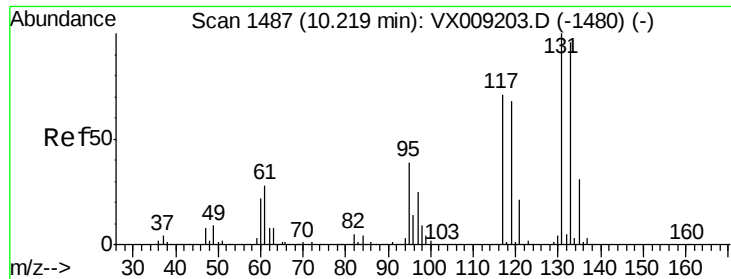
114 32.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

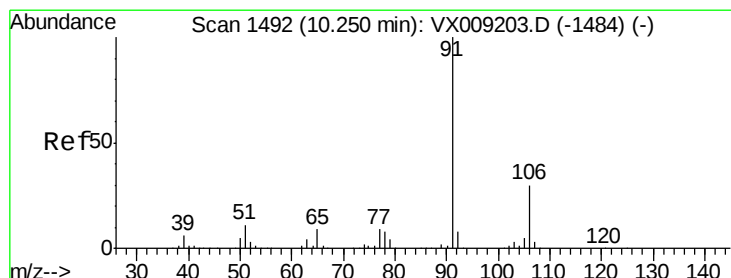
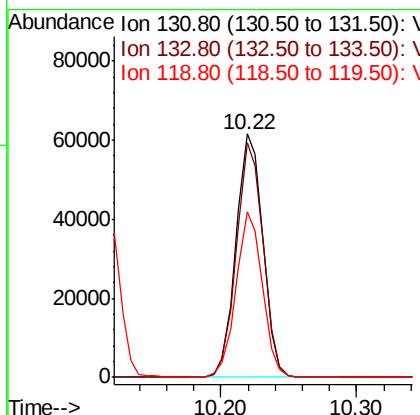
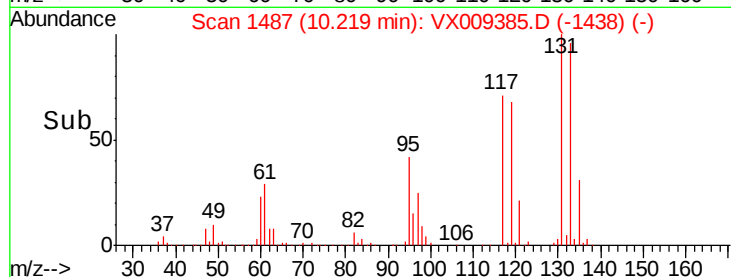
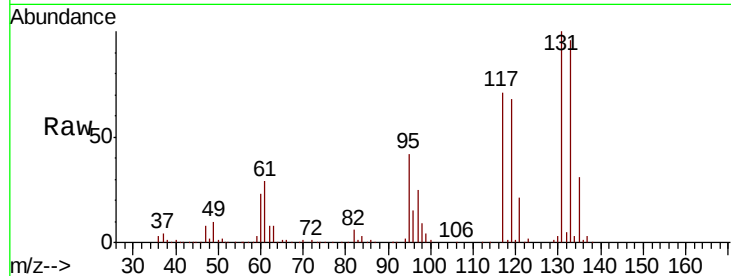




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.589 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

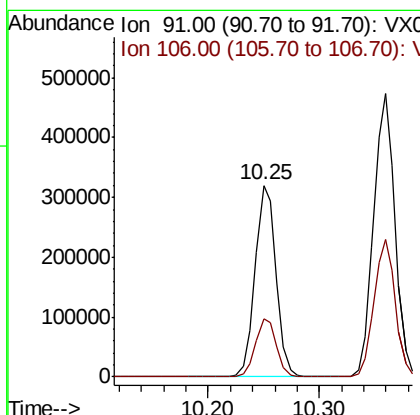
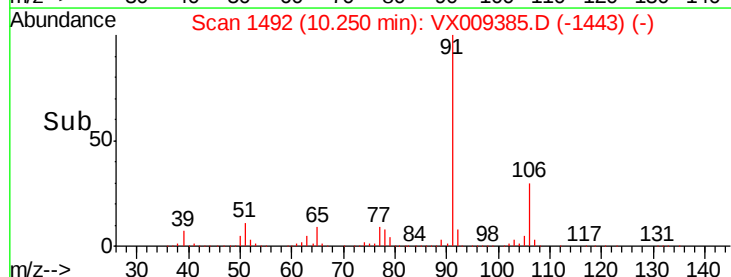
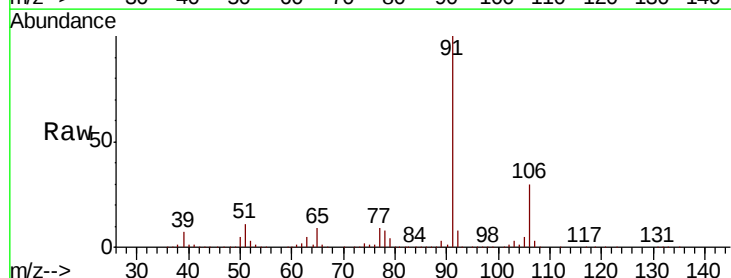
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

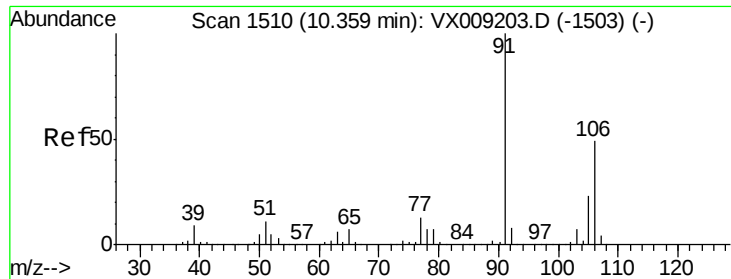
Tot Ion:131 Resp: 84702
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.7 143.1
 119 66.5 33.5 100.4



#67
 Ethyl Benzene
 Concen: 47.365 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 91 Resp: 419140
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.0 36.0

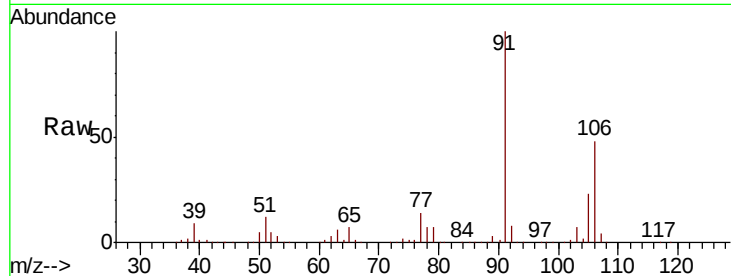




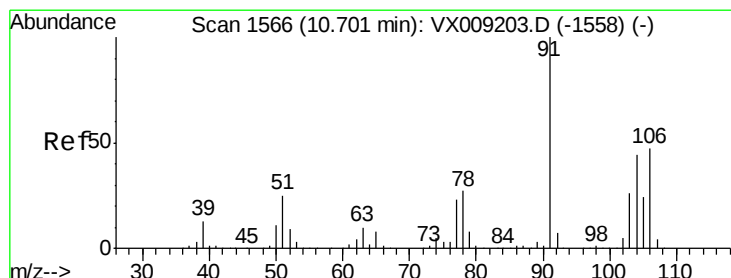
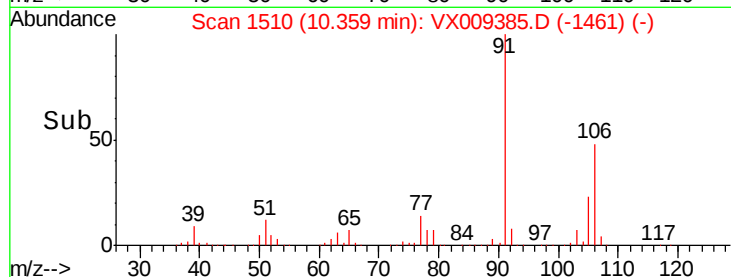
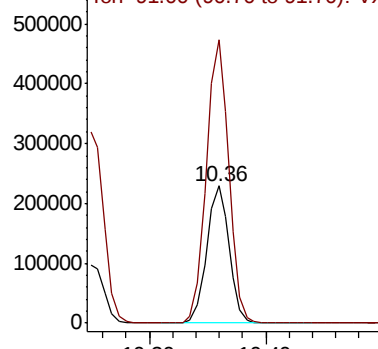
#68
m/p-Xylenes
Concen: 94.849 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion:106 Resp: 306719
Ion Ratio Lower Upper
106 100
91 206.7 164.0 246.0

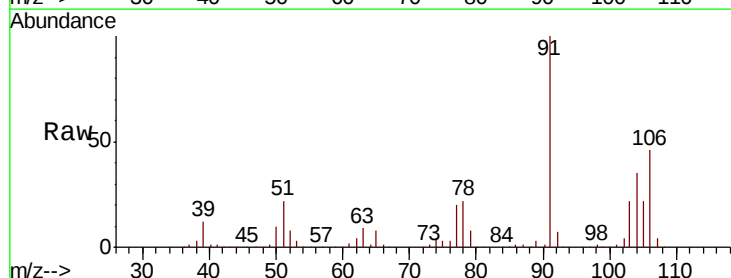


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

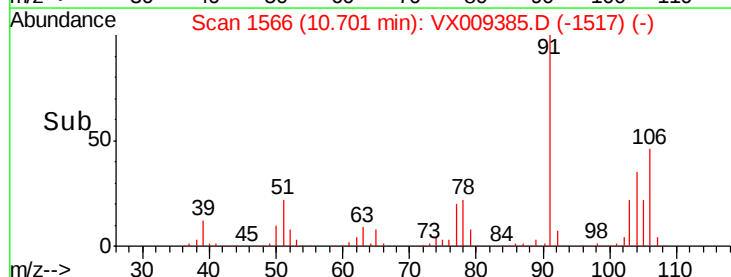
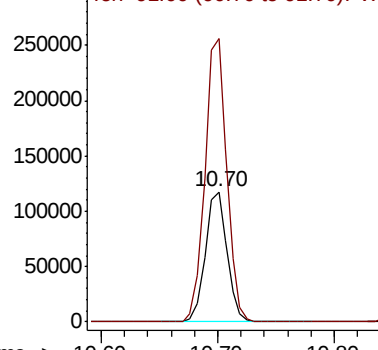


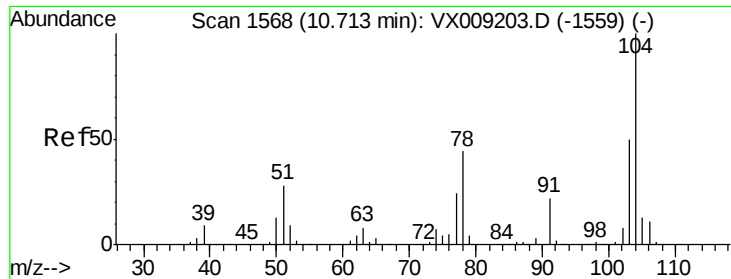
#69
o-Xylene
Concen: 47.708 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion:106 Resp: 152218
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

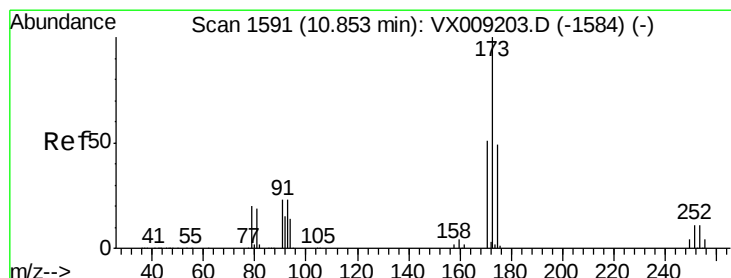
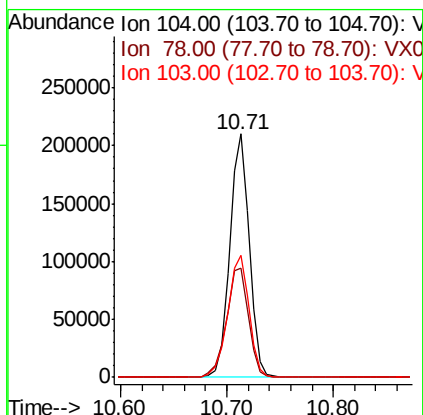
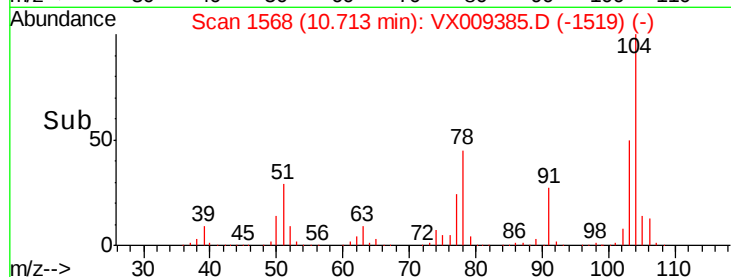
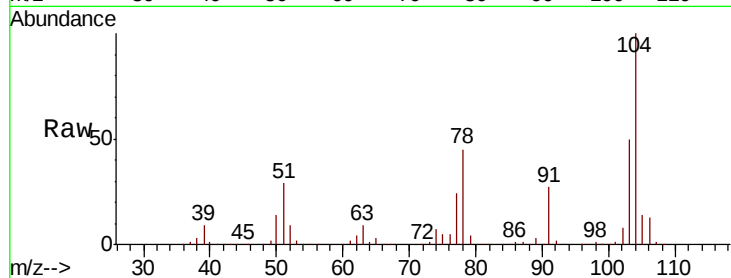




#70
Stvrene
Concen: 48.632 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

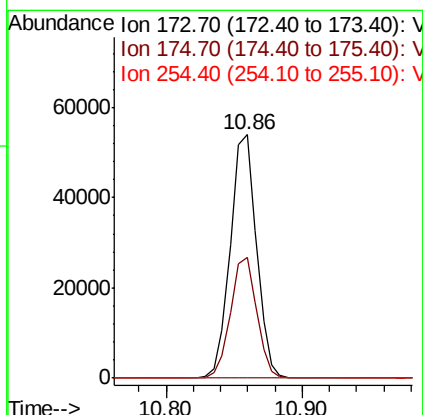
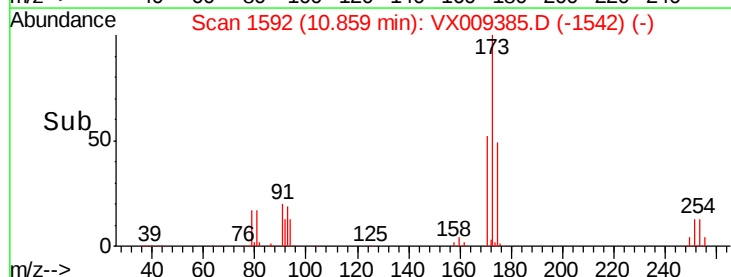
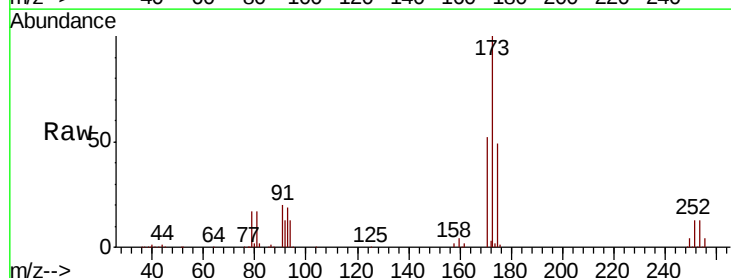
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

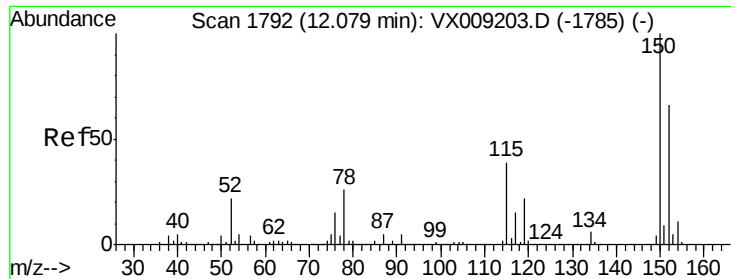
Tot Ion:104 Resp: 269690
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.0 43.8 65.6



#71
Bromoform
Concen: 50.996 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion:173 Resp: 72243
Ion Ratio Lower Upper
173 100
175 49.5 24.5 73.5
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

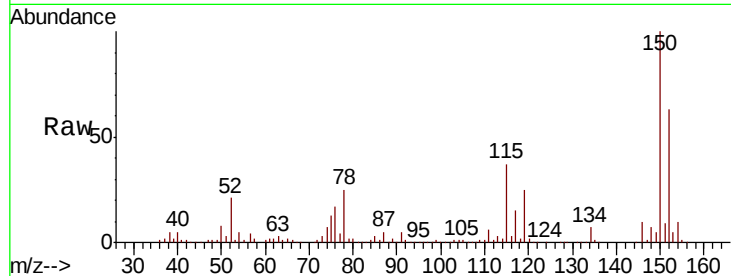
Tot Ion:152 Resp: 118688

Ion Ratio Lower Upper

152 100

115 79.8 41.2 123.6

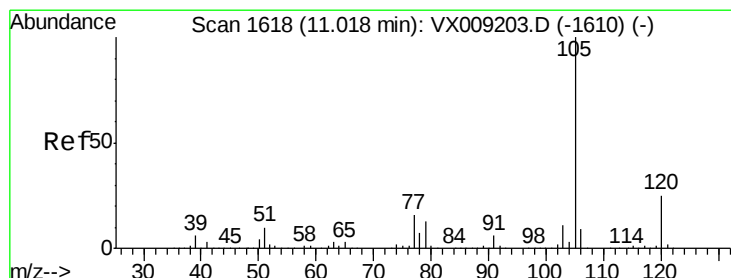
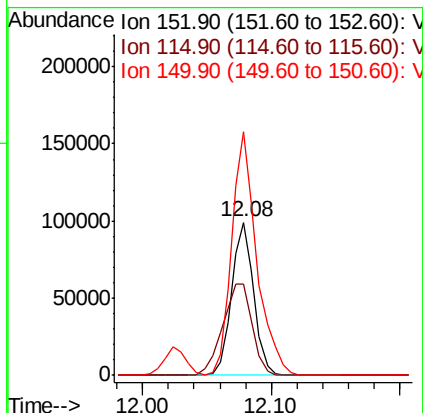
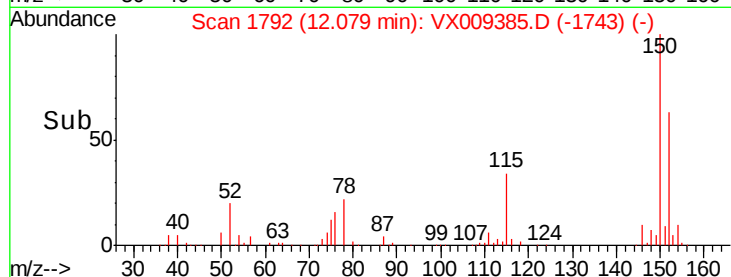
150 179.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 46.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009385.D

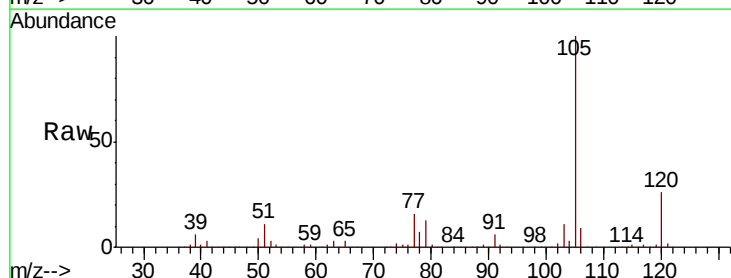
Acq: 07 May 2019 18:28

Tgt Ion:105 Resp: 404120

Ion Ratio Lower Upper

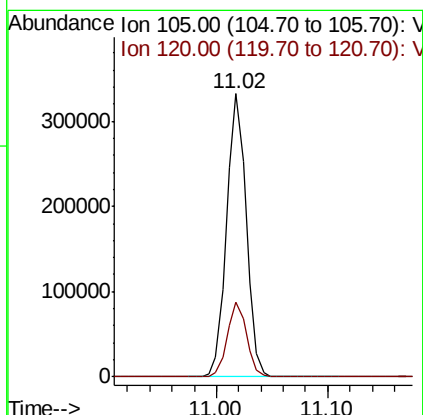
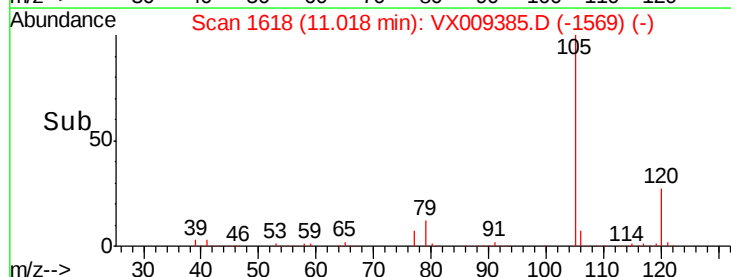
105 100

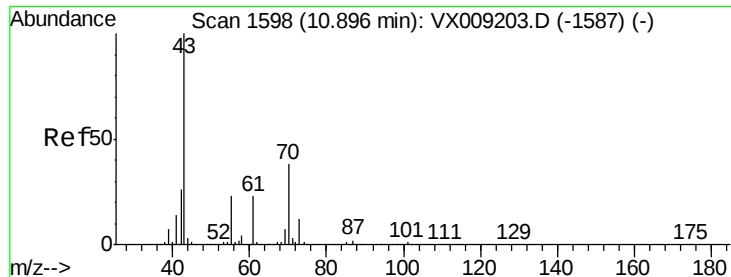
120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.209 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 43 Resp: 257679

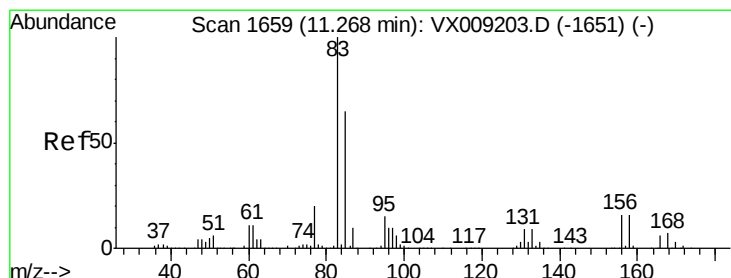
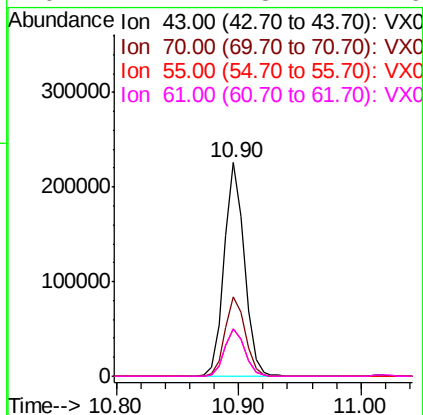
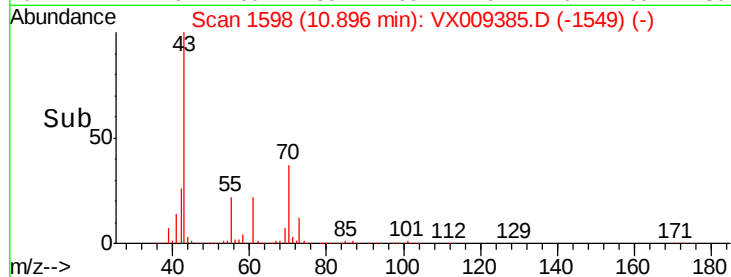
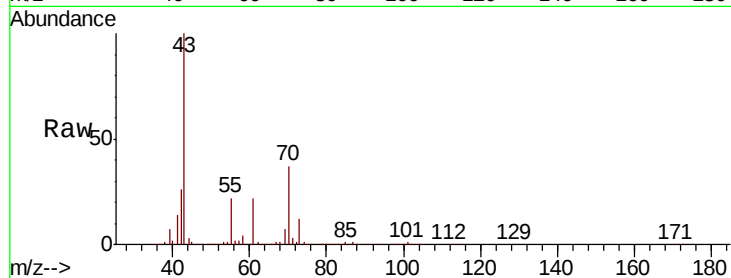
Ion	Ratio	Lower	Upper
43	100		
70	37.5	30.0	45.0
55	22.6	17.9	26.9
61	22.4	18.4	27.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.546 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

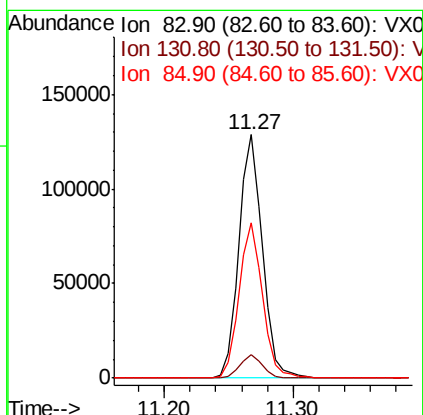
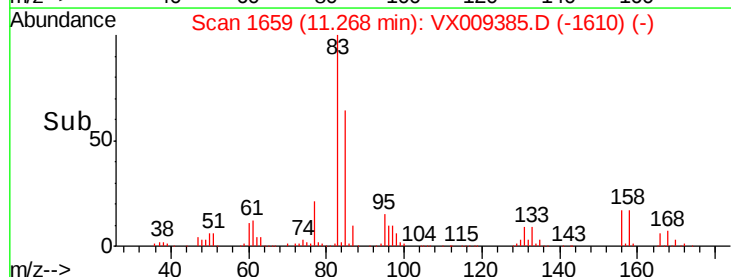
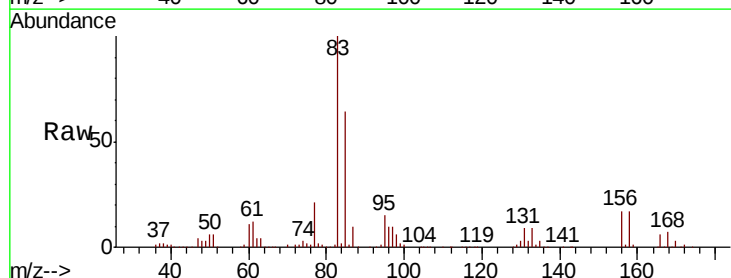
Tgt Ion: 83 Resp: 162629

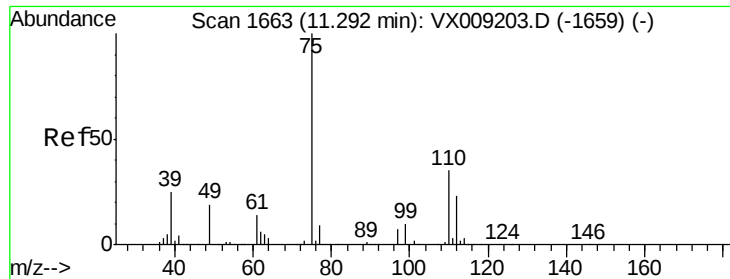
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	63.8	32.0	96.2

Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

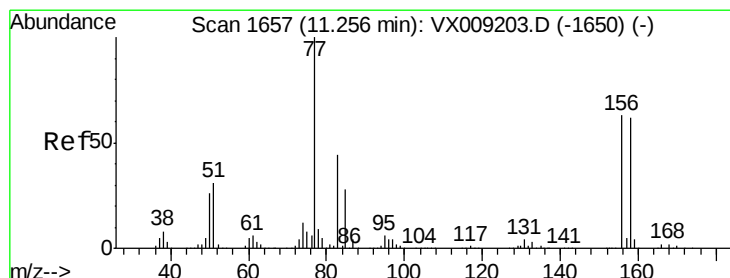
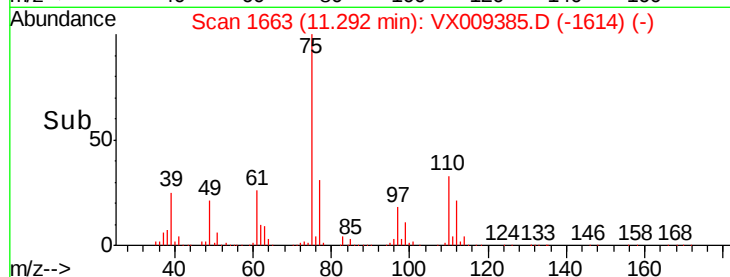
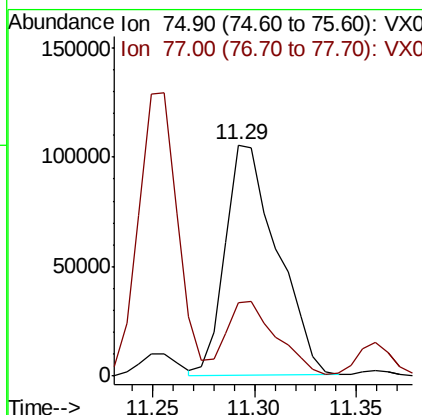
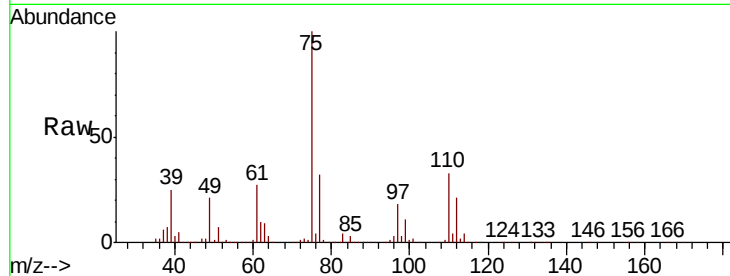




#76
 1,2,3-Trichloropropane
 Concen: 67.425 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

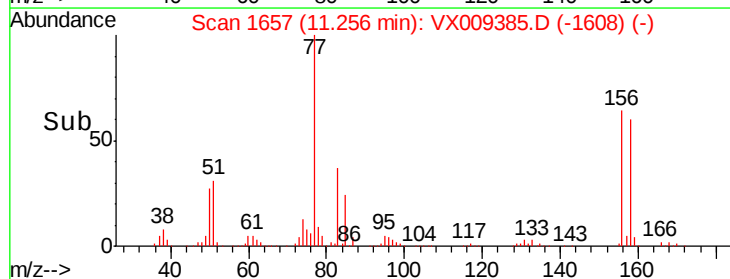
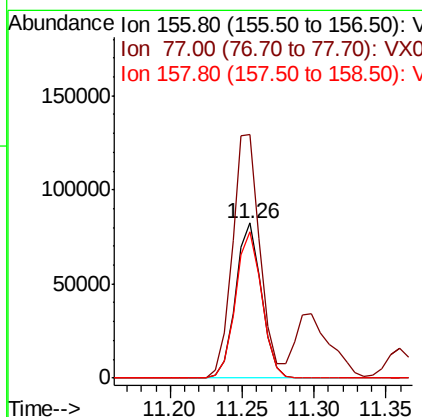
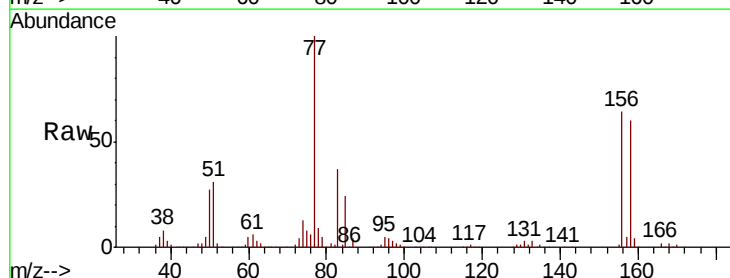
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

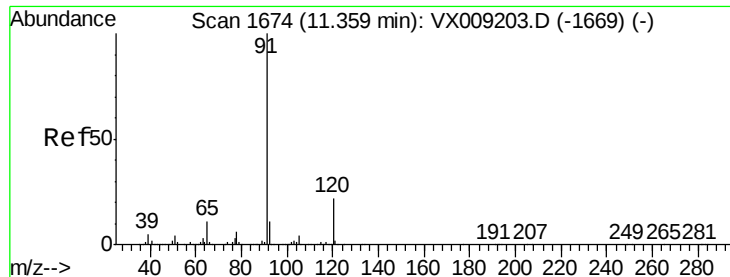
Tot Ion: 75 Resp: 185631
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.1 66.1



#77
 Bromobenzene
 Concen: 48.054 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 156 Resp: 102942
 Ion Ratio Lower Upper
 156 100
 77 166.9 84.8 254.3
 158 96.3 49.1 147.3





#78

n-propylbenzene

Concen: 46.704 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

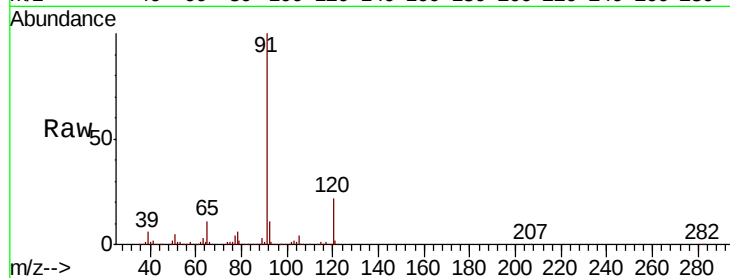
SS003RW114R-190506MS

Tot Ion: 91 Resp: 460357

Ion Ratio Lower Upper

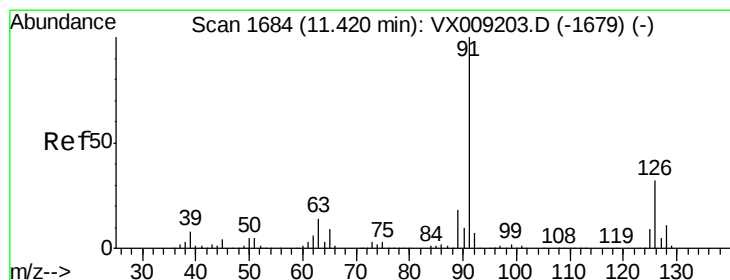
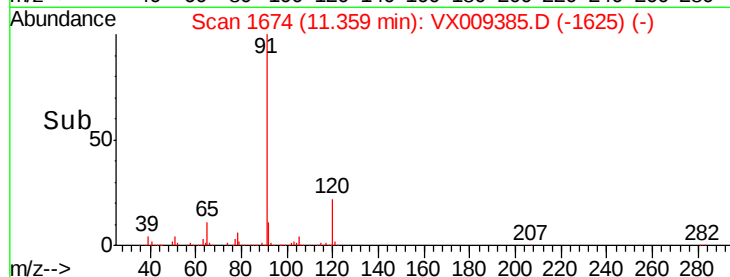
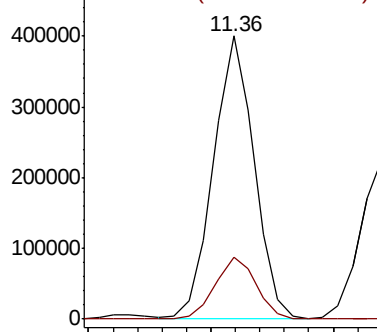
91 100

120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.007 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009385.D

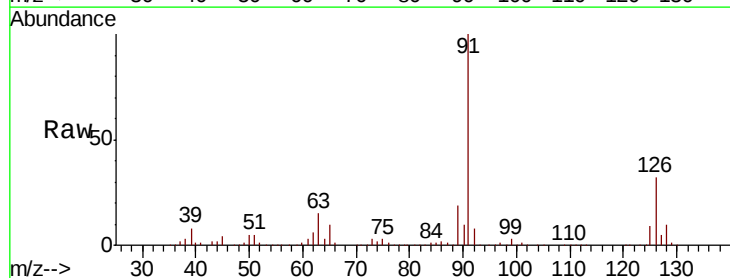
Acq: 07 May 2019 18:28

Tgt Ion: 91 Resp: 279777

Ion Ratio Lower Upper

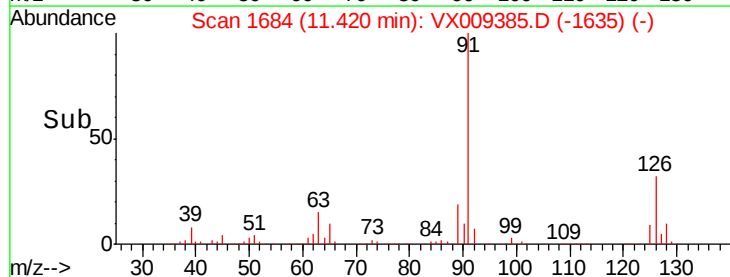
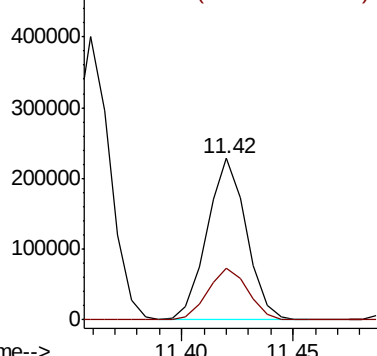
91 100

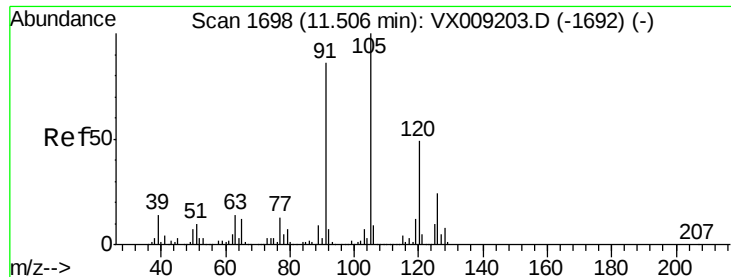
126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

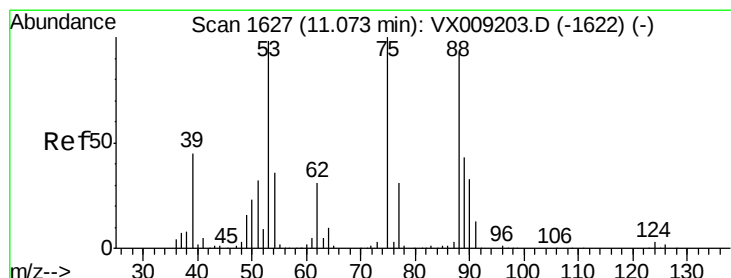
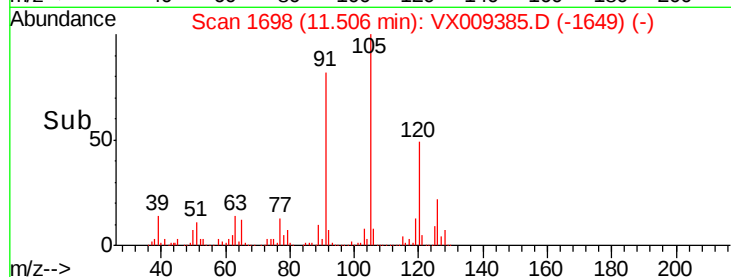
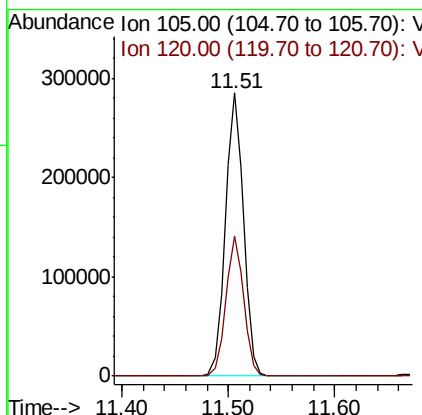
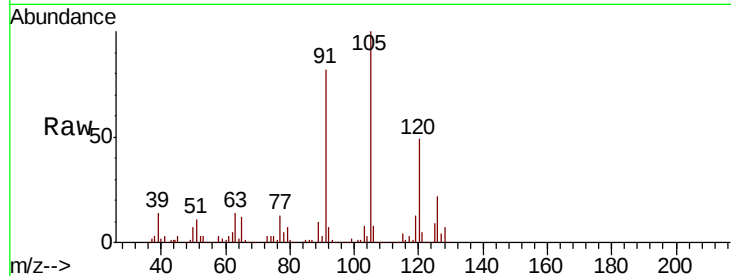




#80
 1,3,5-Trimethylbenzene
 Concen: 46.691 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

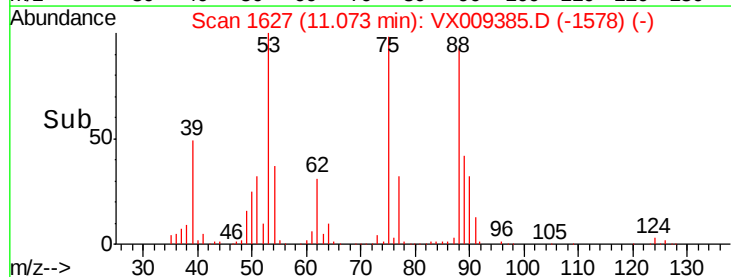
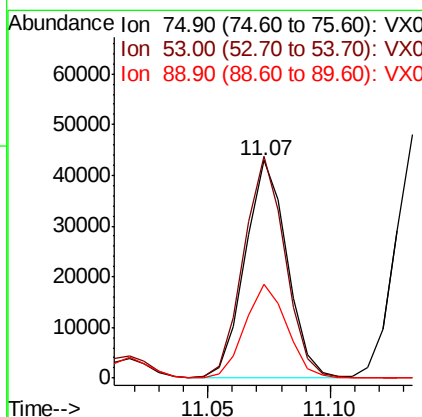
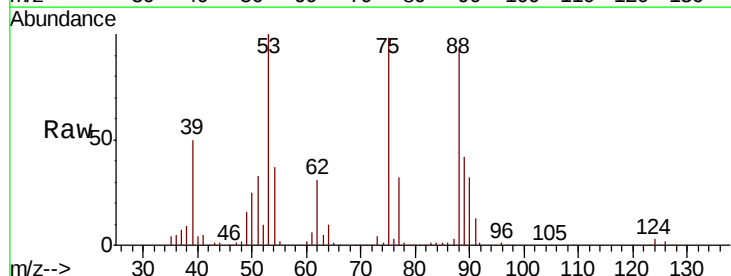
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

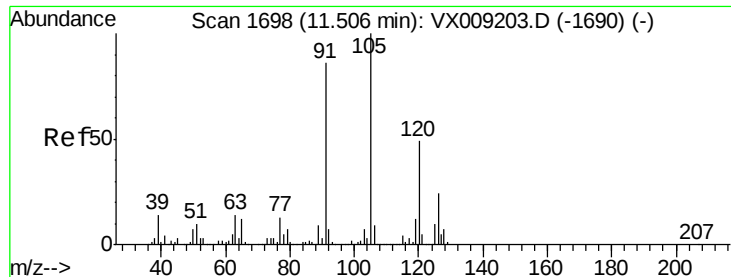
Tot Ion:105 Resp: 339317
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.917 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 75 Resp: 51559
 Ion Ratio Lower Upper
 75 100
 53 100.3 79.0 118.6
 89 43.5 34.7 52.1

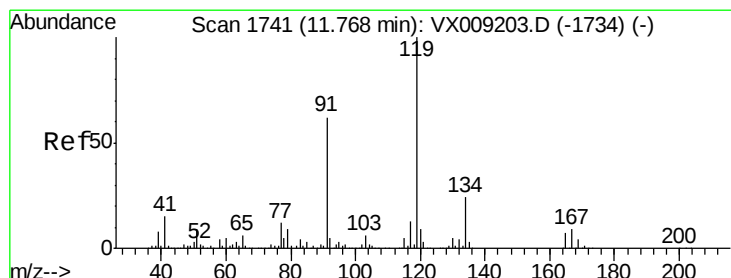
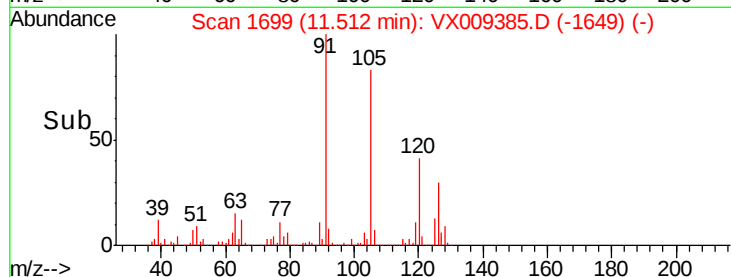
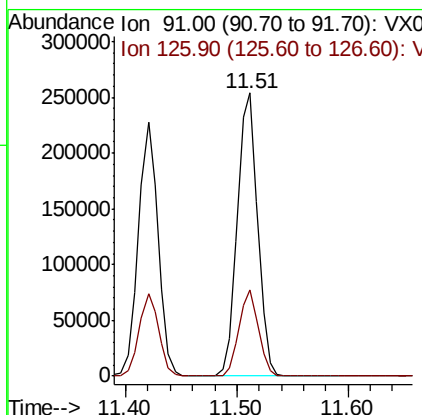
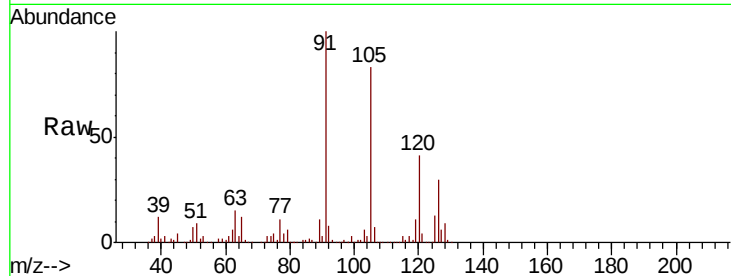




#82
4-Chlorotoluene
Concen: 46.680 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

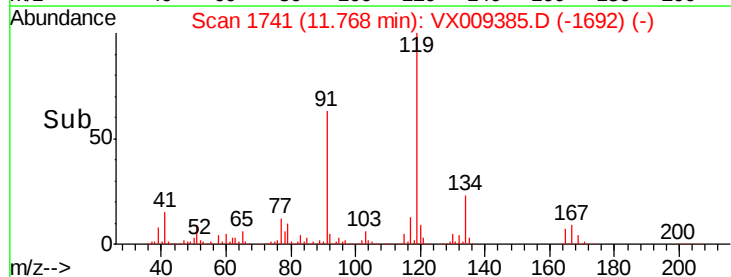
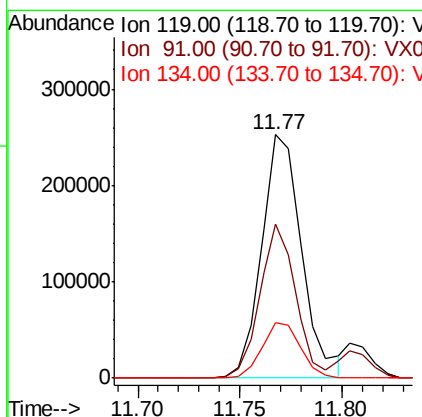
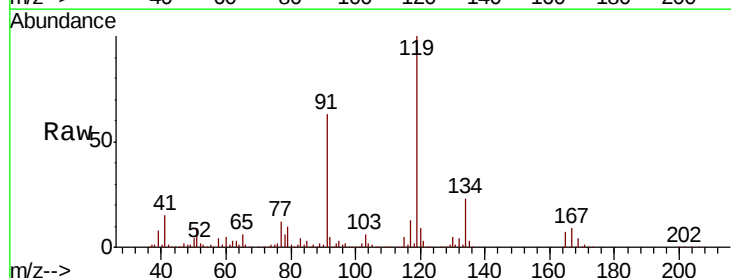
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

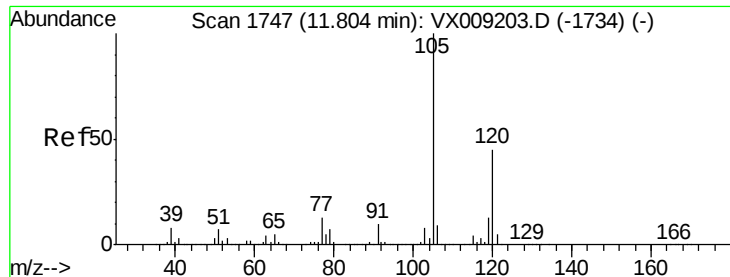
Tot Ion: 91 Resp: 320694
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.6



#83
tert-Butylbenzene
Concen: 49.031 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 119 Resp: 346625
Ion Ratio Lower Upper
119 100
91 56.4 29.5 88.5
134 21.9 11.4 34.1

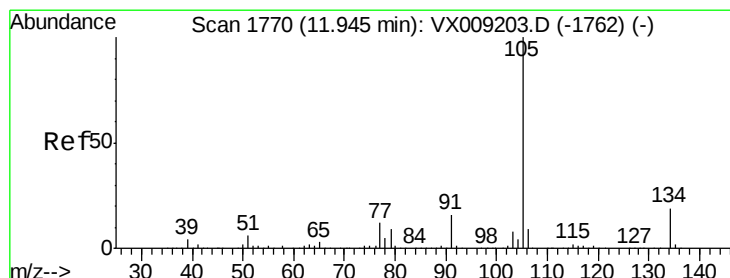
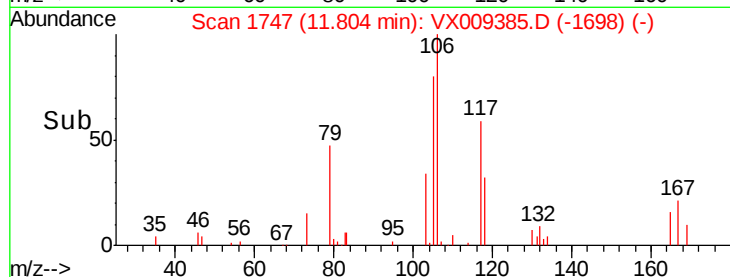
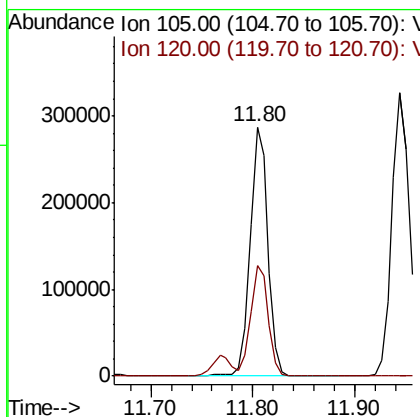
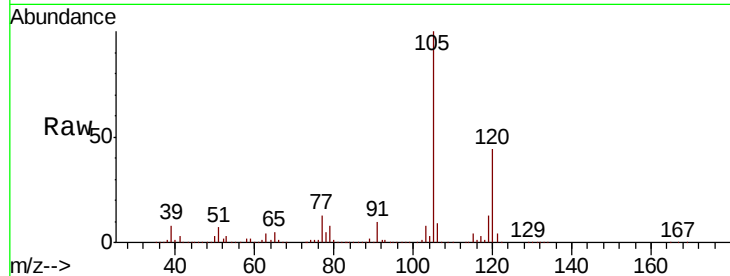




#84
 1,2,4-Trimethylbenzene
 Concen: 47.565 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

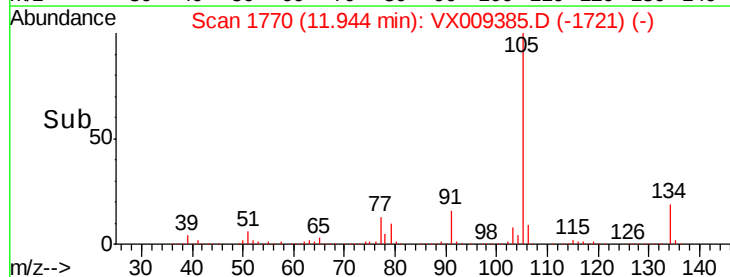
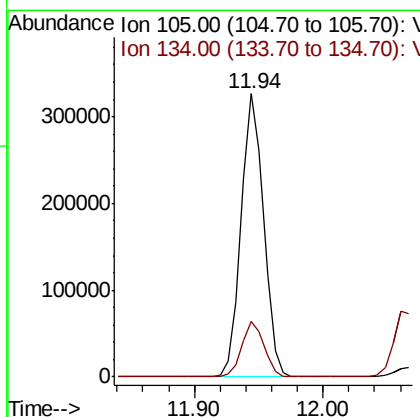
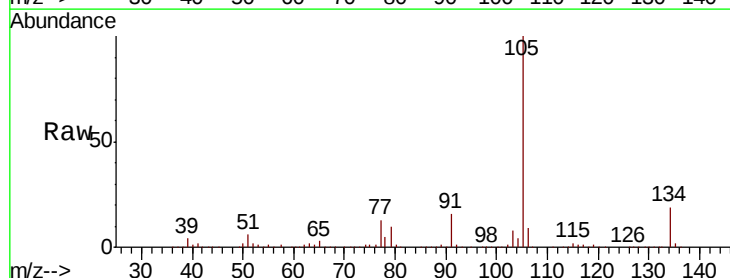
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

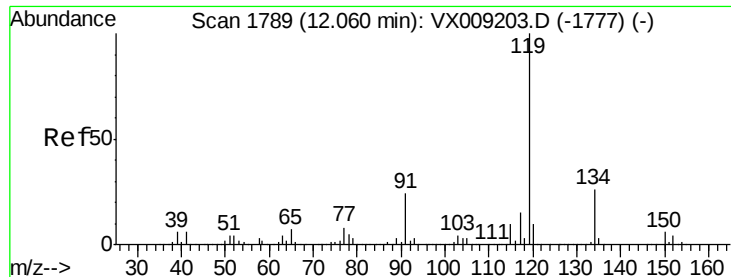
Tot Ion:105 Resp: 346959
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 47.086 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion:105 Resp: 394651
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

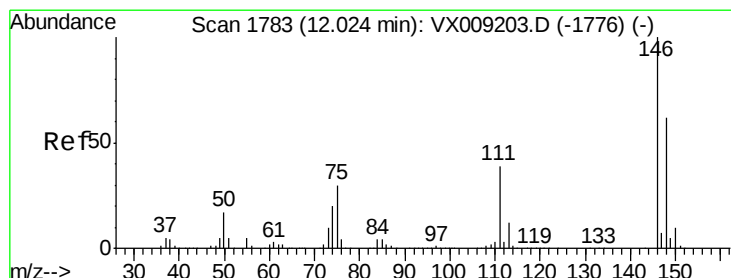
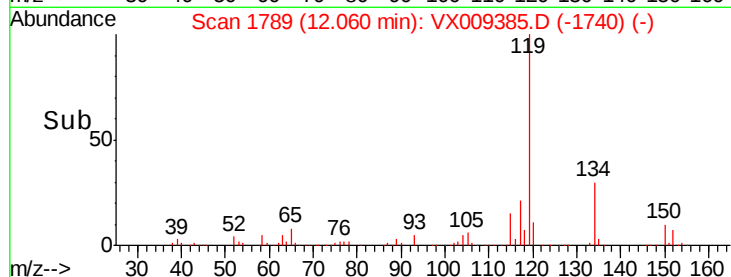
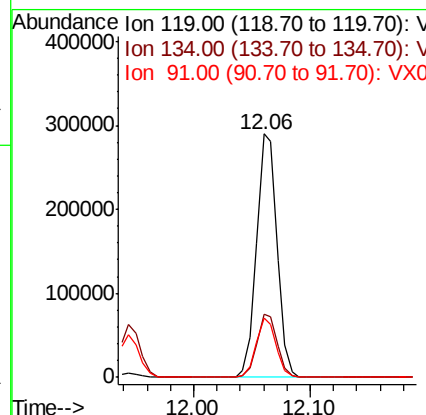
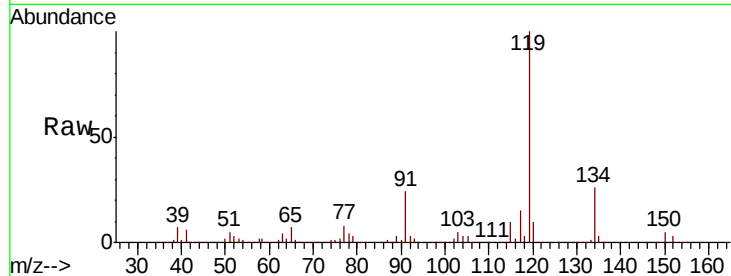




#86
 p-Isopropyltoluene
 Concen: 47.340 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

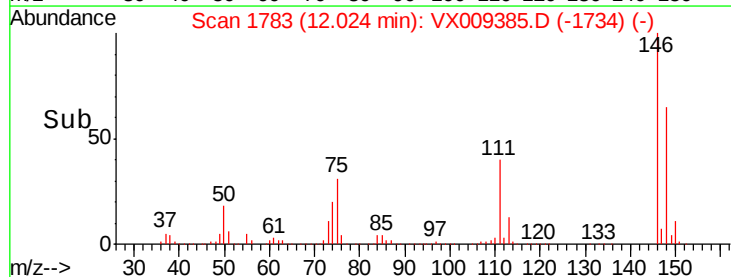
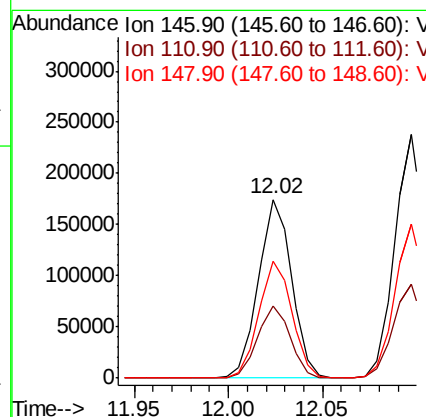
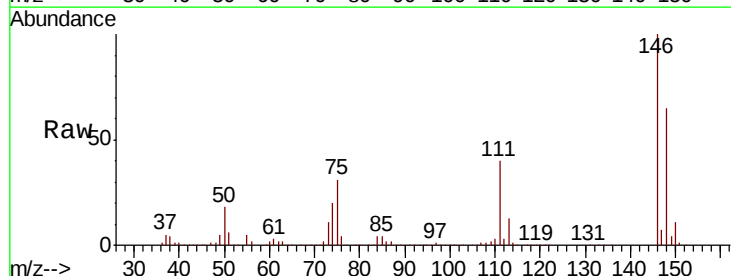
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

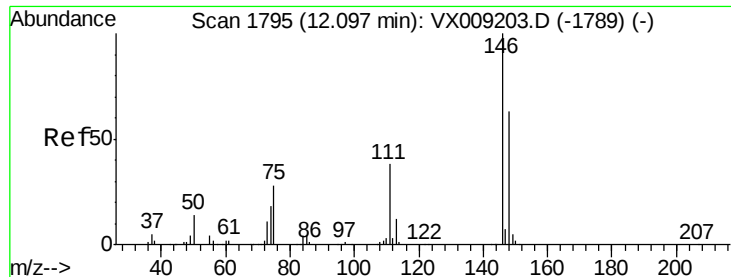
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	23.4	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 55.966 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	65.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 72.571 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

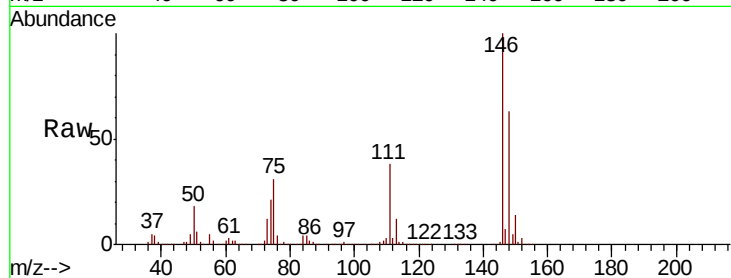
Tot Ion:146 Resp: 279406

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

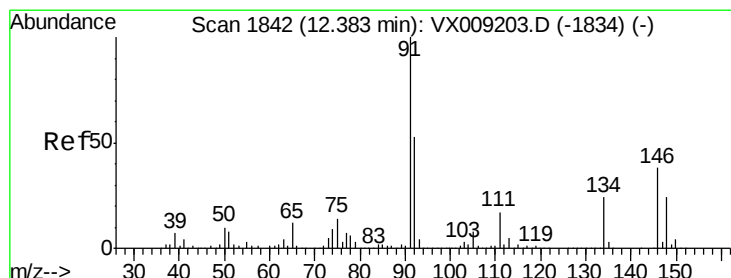
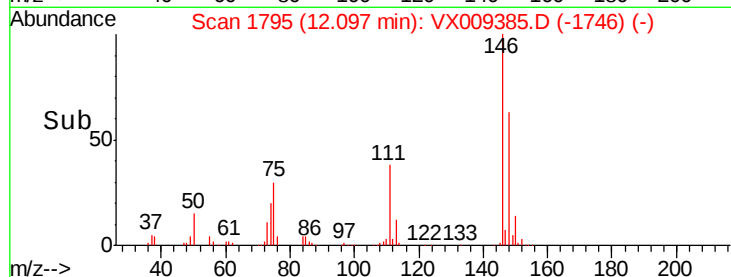
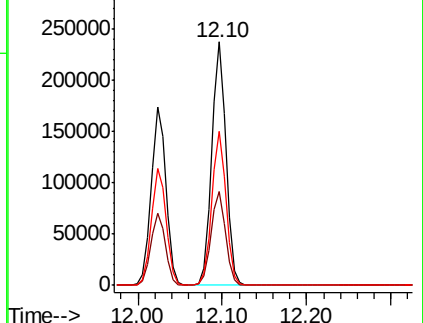
148 63.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.922 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

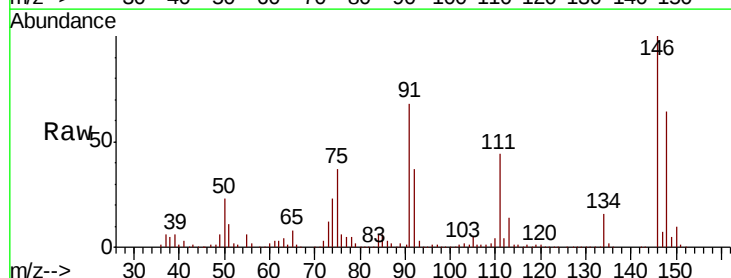
Tgt Ion: 91 Resp: 326359

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

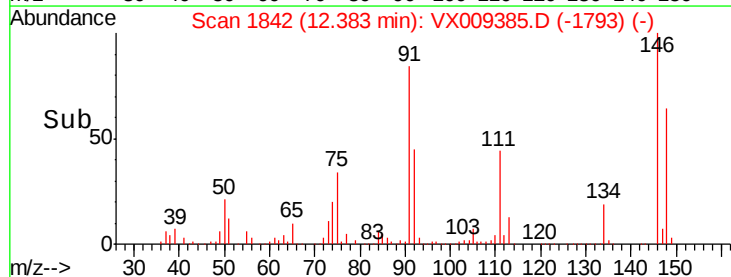
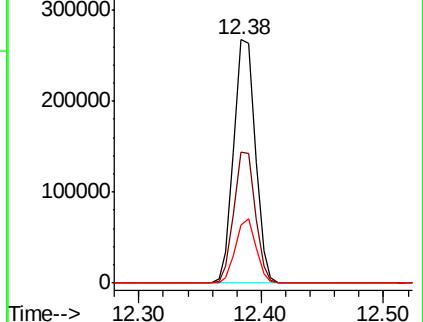
134 25.1 12.4 37.2

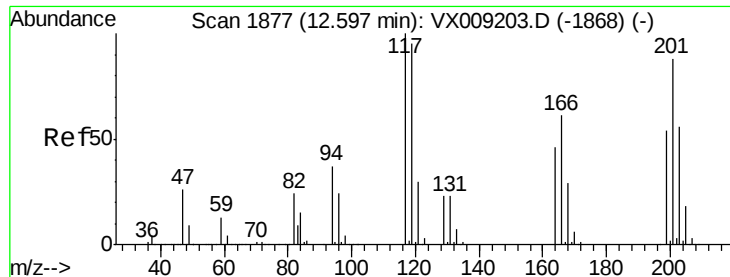


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 47.122 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

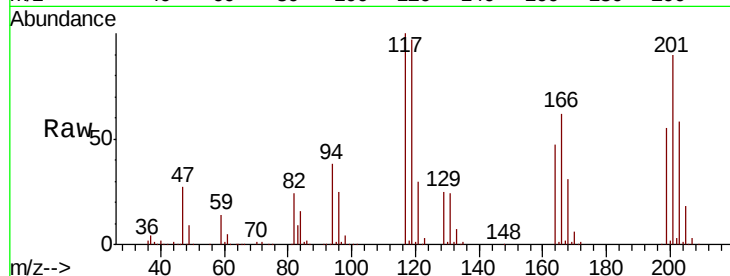
SS003RW114R-190506MS

Tot Ion:117 Resp: 60490

Ion Ratio Lower Upper

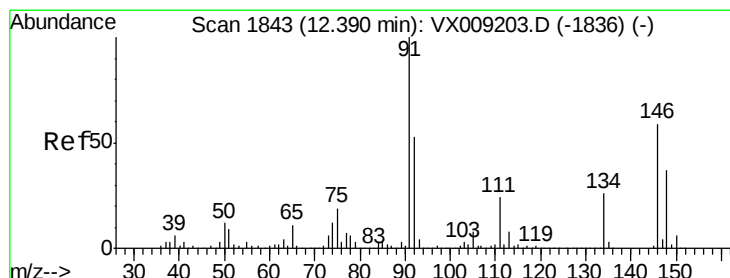
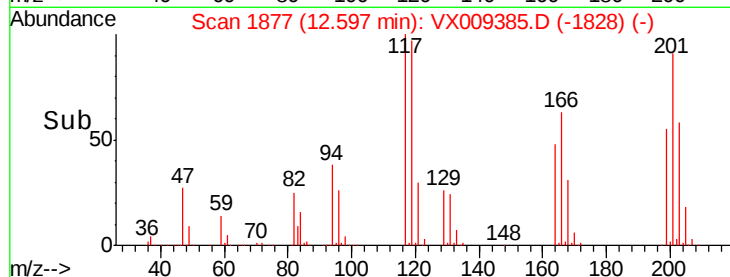
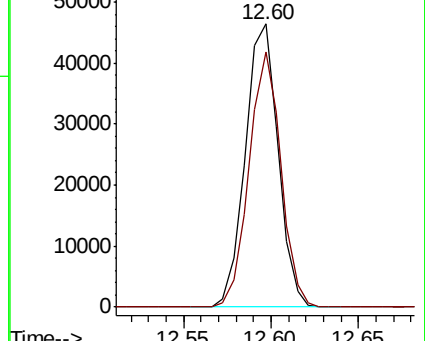
117 100

201 87.3 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 189.364 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

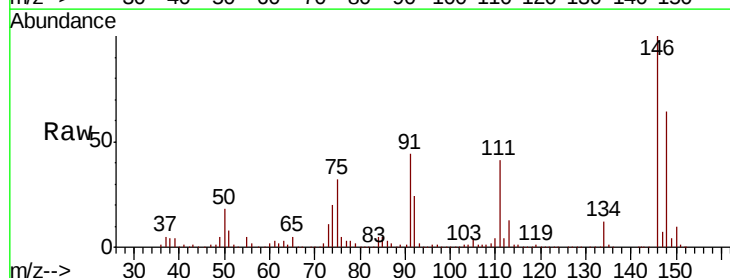
Tgt Ion:146 Resp: 736570

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.4

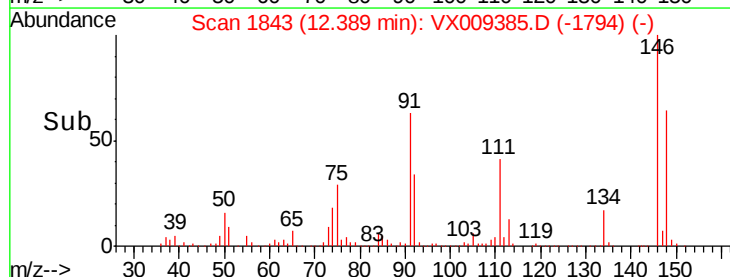
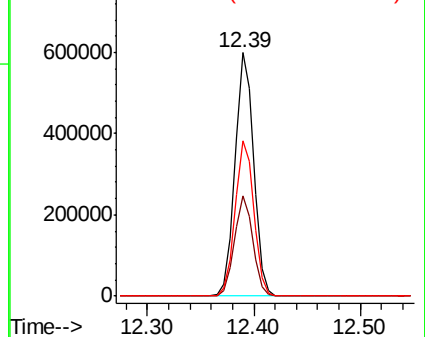
148 64.1 31.9 95.9

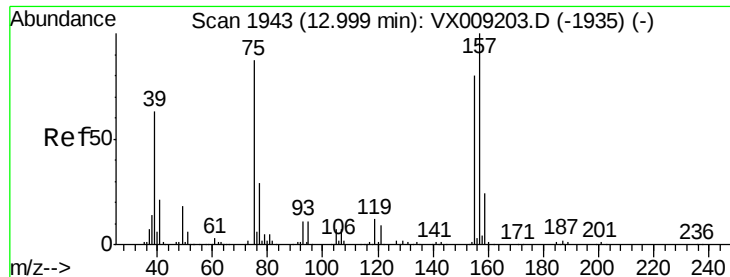


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.939 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

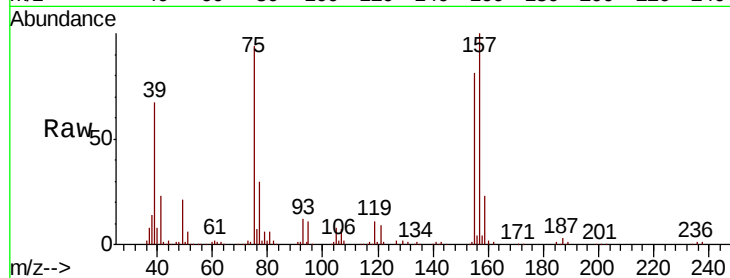
Tot Ion: 75 Resp: 38210

Ion	Ratio	Lower	Upper
75	100		
155	83.0	42.0	126.0
157	104.8	53.2	159.6

75 100

155 83.0 42.0 126.0

157 104.8 53.2 159.6

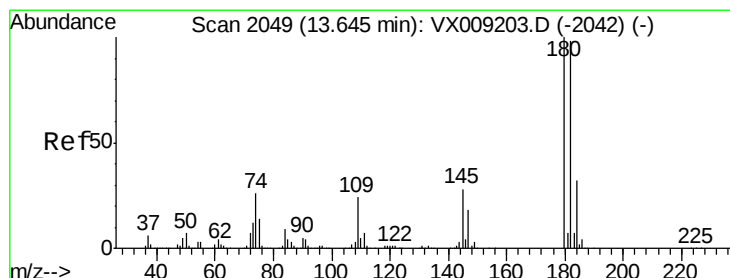
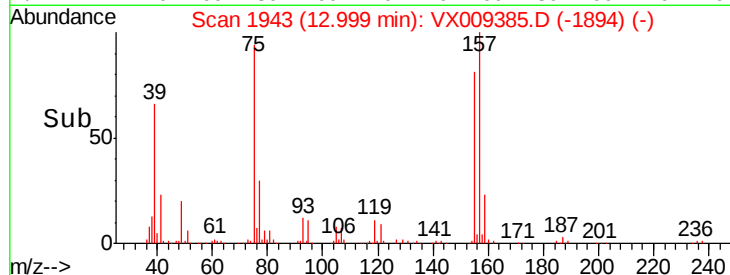
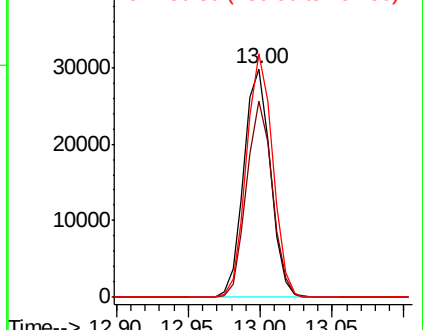


Abundance

Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.839 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

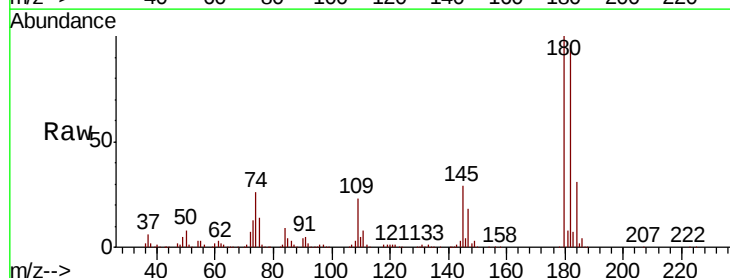
Tgt Ion:180 Resp: 132566

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.2
145	29.2	14.6	43.8

180 100

182 95.1 48.4 145.2

145 29.2 14.6 43.8

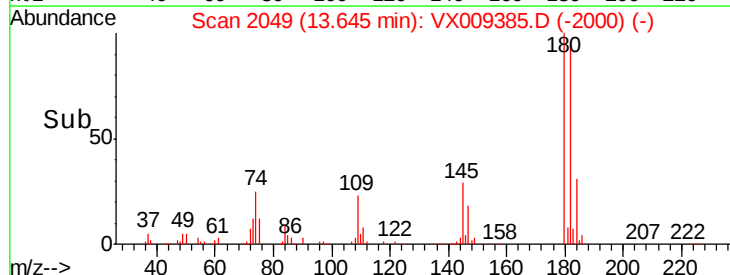
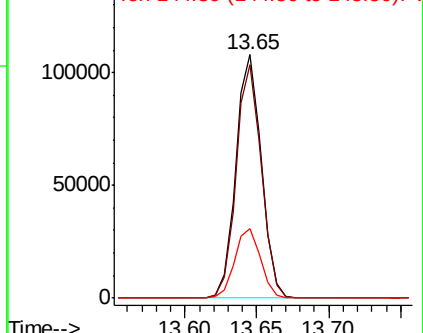


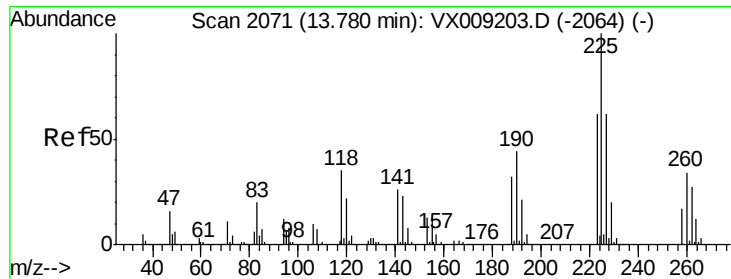
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.861 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

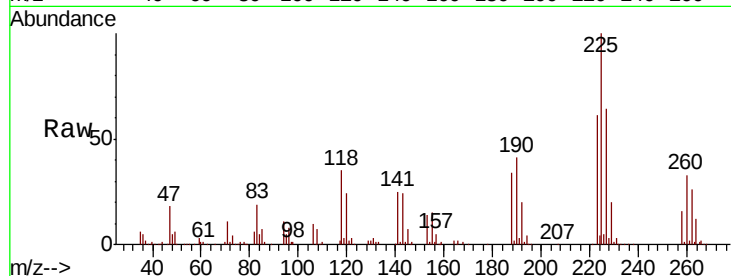
Tot Ion:225 Resp: 65010

Ion Ratio Lower Upper

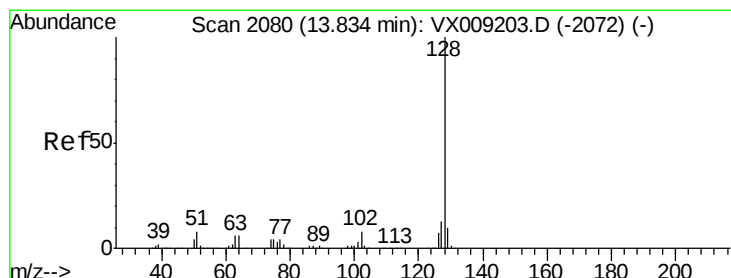
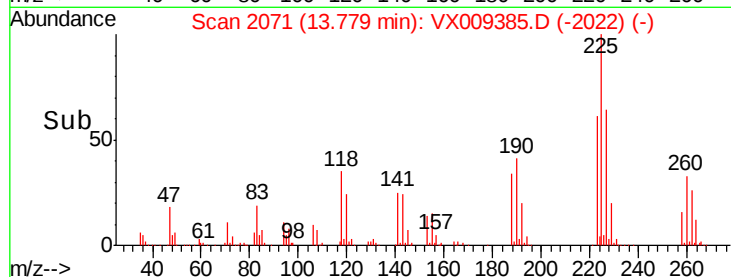
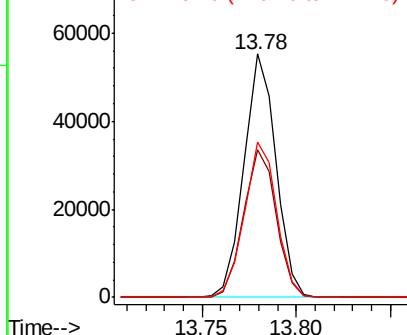
225 100

223 62.1 31.3 93.8

227 64.4 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.786 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

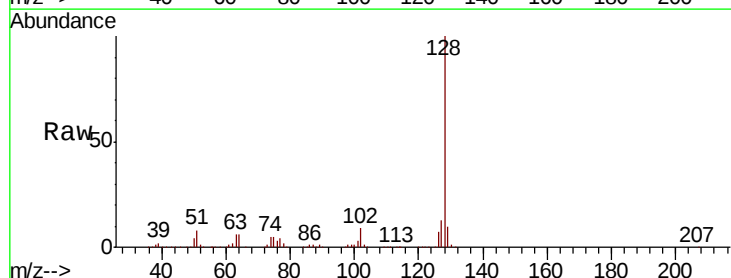
Tgt Ion:128 Resp: 439496

Ion Ratio Lower Upper

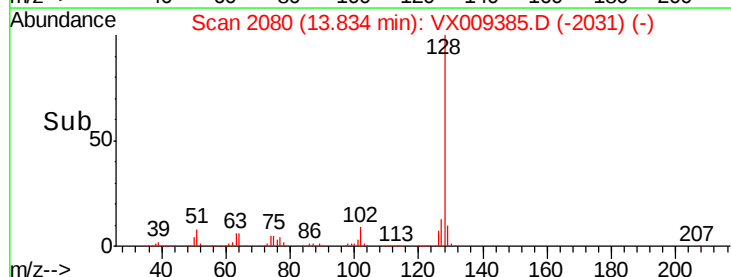
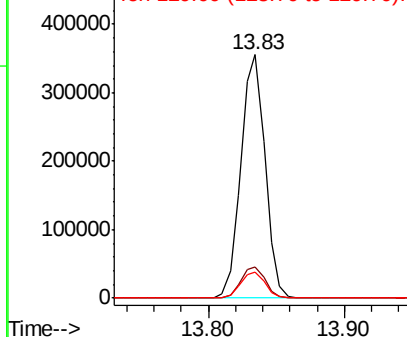
128 100

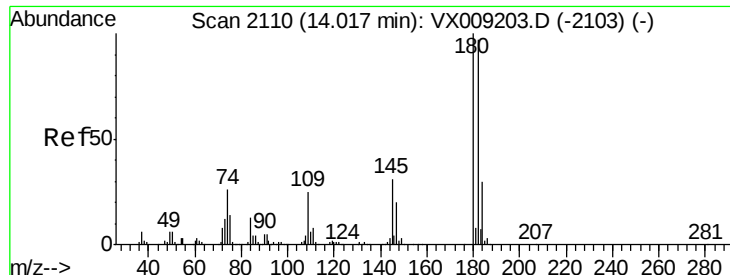
127 13.2 10.4 15.6

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

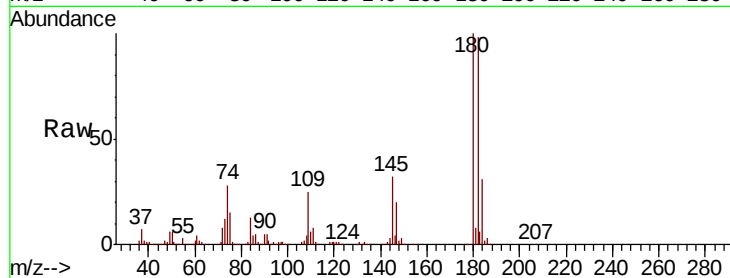




#96
 1,2,3-Trichlorobenzene
 Concen: 48.963 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.4
145	31.6	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

