

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009386.D
 Acq On : 07 May 2019 18:52
 Operator : JC/SP
 Sample : K2721-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

Quant Time: May 08 02:17:27 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	157959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117134	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114615	53.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.30%	
35) Dibromofluoromethane	5.50	113	84183	52.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.64%	
50) Toluene-d8	8.71	98	338833	52.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	11.13	95	126268	54.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62749	43.108	ug/l	99
3) Chloromethane	1.32	50	73979	37.226	ug/l	100
4) Vinyl Chloride	1.40	62	84048	43.372	ug/l	96
5) Bromomethane	1.64	94	32542	27.978	ug/l	97
6) Chloroethane	1.71	64	72648	58.390	ug/l	100
7) Trichlorofluoromethane	1.92	101	109918	46.663	ug/l	100
8) Diethyl Ether	2.19	74	52706	47.236	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68258	46.144	ug/l	98
10) Methyl Iodide	2.50	142	39367	25.395	ug/l	100
11) Tert butyl alcohol	3.06	59	138504	277.487	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68784	46.409	ug/l	95
13) Acrolein	2.29	56	89710	198.458	ug/l	98
14) Allyl chloride	2.72	41	166375	46.063	ug/l	99
15) Acrylonitrile	3.15	53	312812	256.313	ug/l	100
16) Acetone	2.45	43	270019	233.204	ug/l	98
17) Carbon Disulfide	2.56	76	177923	42.758	ug/l	100
18) Methyl Acetate	2.78	43	142741	51.837	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	281996	48.997	ug/l	99
20) Methylene Chloride	2.85	84	85395	45.550	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	73879	45.963	ug/l	98
22) Diisopropyl ether	3.86	45	334226	48.117	ug/l	95
23) Vinyl Acetate	3.82	43	1498479	251.928	ug/l	100
24) 1,1-Dichloroethane	3.70	63	159581	46.571	ug/l	99
25) 2-Butanone	4.68	43	467995	260.101	ug/l	99
26) 2,2-Dichloropropane	4.59	77	106460	41.740	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	89950	46.884	ug/l	99
28) Bromochloromethane	5.02	49	66357	47.997	ug/l	100
29) Tetrahydrofuran	5.13	42	309606	267.401	ug/l	99
30) Chloroform	5.21	83	149449	48.223	ug/l	99
31) Cyclohexane	5.58	56	142988	44.852	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	122001	47.289	ug/l	99
36) 1,1-Dichloropropene	5.80	75	107443	45.599	ug/l	99
37) Ethyl Acetate	4.84	43	169046	51.492	ug/l	99
38) Carbon Tetrachloride	5.79	117	101846	47.574	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131366	45.397	ug/l	99
40) Benzene	6.15	78	341785	46.870	ug/l	99
41) Methacrylonitrile	5.05	41	96711	49.488	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125898	48.129	ug/l	100
43) Isopropyl Acetate	6.45	43	268774	51.183	ug/l	100
44) Trichloroethene	7.21	130	81286	46.109	ug/l	98
45) 1,2-Dichloropropane	7.51	63	99949	48.405	ug/l	99
46) Dibromomethane	7.66	93	56775	47.349	ug/l	97
47) Bromodichloromethane	7.90	83	118173	49.407	ug/l	97
48) Methyl methacrylate	7.77	41	133632	51.293	ug/l	100
49) 1,4-Dioxane	7.74	88	53151	1005.984	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	924495	269.348	ug/l	99
52) Toluene	8.79	92	210794	47.554	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133372	49.389	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	145081	48.539	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88243	48.795	ug/l	95
56) Ethyl methacrylate	9.18	69	164537	50.969	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153904	48.361	ug/l	99
59) 2-Hexanone	9.49	43	734252	272.377	ug/l	100
60) Dibromochloromethane	9.58	129	88837	50.296	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90702	49.686	ug/l	99
64) Tetrachloroethene	9.34	164	68230	42.897	ug/l	99
65) Chlorobenzene	10.14	112	386749	83.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	81315	48.354	ug/l	100
67) Ethyl Benzene	10.25	91	404478	47.382	ug/l	100
68) m/p-Xylenes	10.36	106	299111	95.883	ug/l	100
69) o-Xylene	10.69	106	147004	47.761	ug/l	100
70) Styrene	10.71	104	261878	48.953	ug/l	99
71) Bromoform	10.85	173	70265	51.416	ug/l #	99
73) Isopropylbenzene	11.02	105	391331	45.943	ug/l	100
74) N-amyl acetate	10.90	43	250325	50.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	159374	50.191	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179816	66.180	ug/l	82
77) Bromobenzene	11.26	156	99799	47.205	ug/l	97
78) n-propylbenzene	11.36	91	449224	46.179	ug/l	99
79) 2-Chlorotoluene	11.42	91	271976	45.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	333935	46.561	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49466	46.581	ug/l	99
82) 4-Chlorotoluene	11.51	91	314101	46.327	ug/l	100
83) tert-Butylbenzene	11.77	119	335028	48.019	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	335074	46.545	ug/l	100
85) sec-Butylbenzene	11.94	105	383145	46.320	ug/l	100
86) p-Isopropyltoluene	12.06	119	350296	47.107	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210469	55.844	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	275686	72.554	ug/l	99
89) n-Butylbenzene	12.38	91	319477	47.533	ug/l	100
90) Hexachloroethane	12.60	117	59299	46.807	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	729611	190.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37915	53.228	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	132372	50.426	ug/l	99

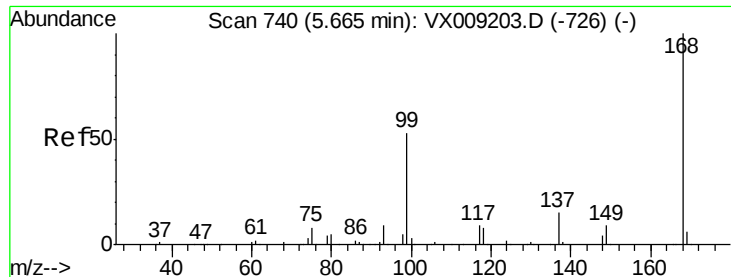
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63859	47.637	ug/l	99
95) Naphthalene	13.83	128	443692	51.951	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134250	50.452	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

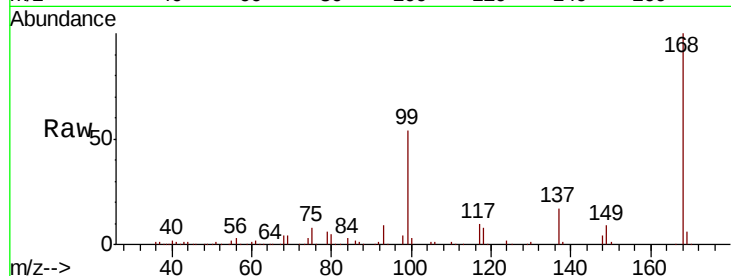
SS003RW114R-190506MSD

Tot Ion:168 Resp: 157959

Ion Ratio Lower Upper

168 100

99 53.3 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

50000

40000

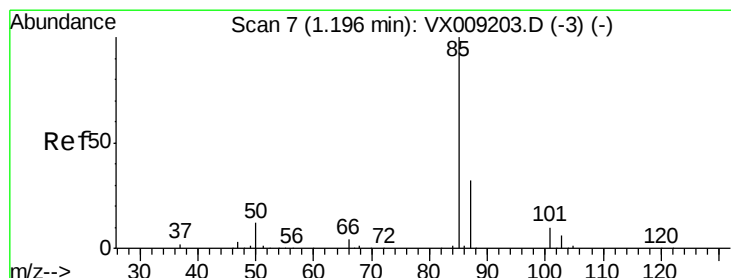
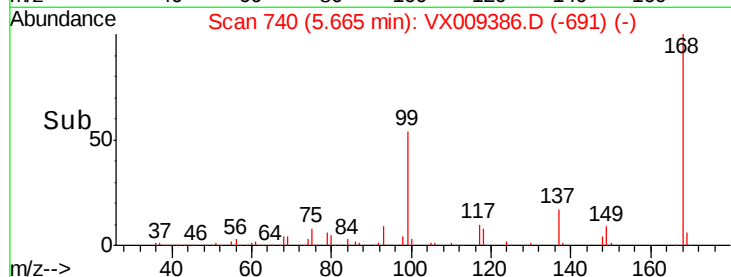
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.108 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009386.D

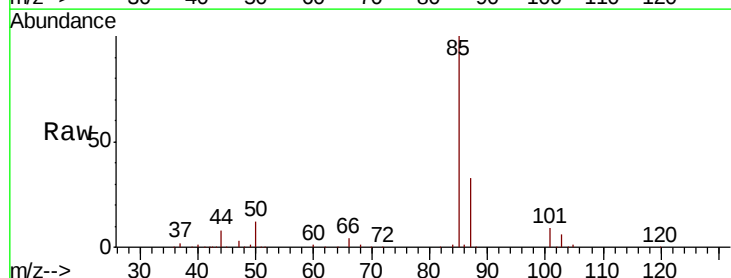
Acq: 07 May 2019 18:52

Tgt Ion: 85 Resp: 62749

Ion Ratio Lower Upper

85 100

87 32.9 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

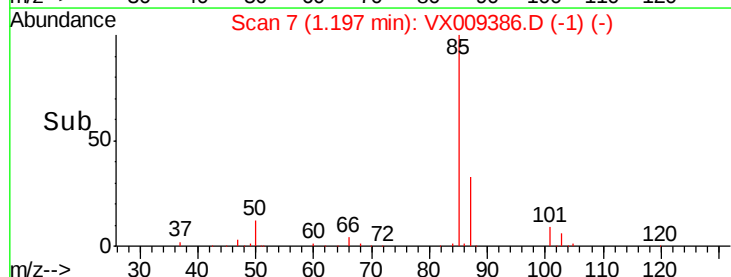
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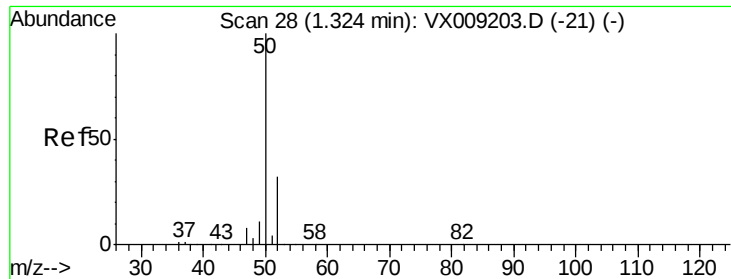
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 37.226 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

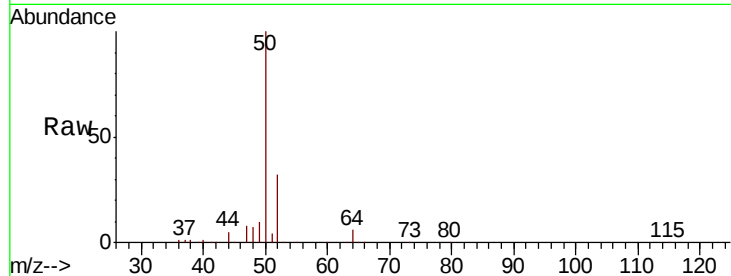
SS003RW114R-190506MSD

Tot Ion: 50 Resp: 73979

Ion Ratio Lower Upper

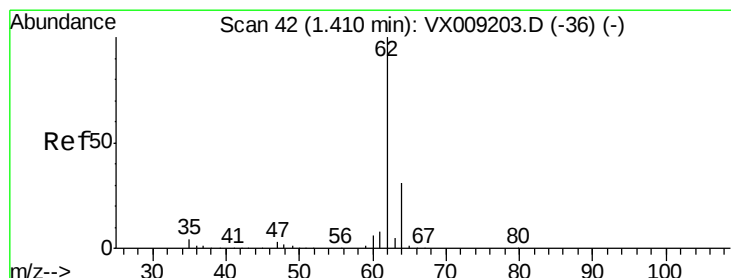
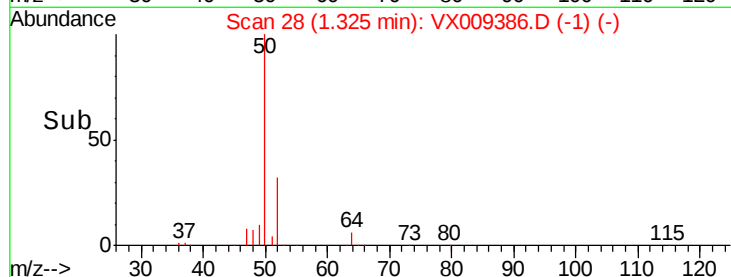
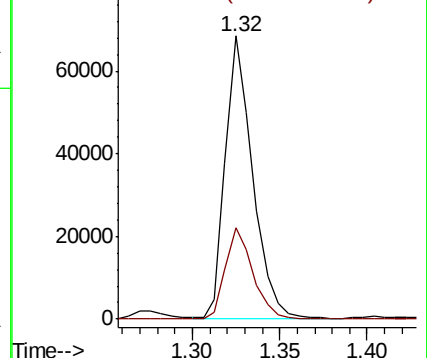
50 100

52 32.4 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: 43.372 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009386.D

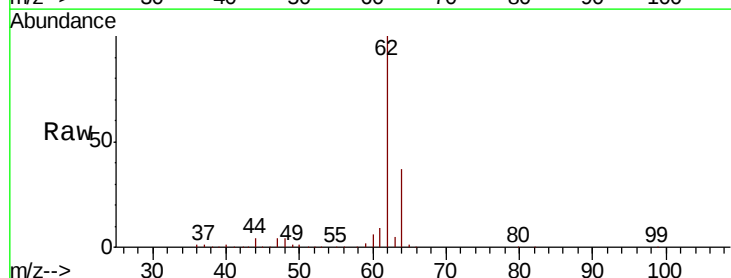
Acq: 07 May 2019 18:52

Tgt Ion: 62 Resp: 84048

Ion Ratio Lower Upper

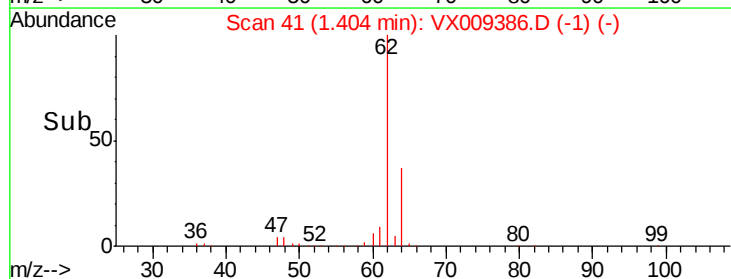
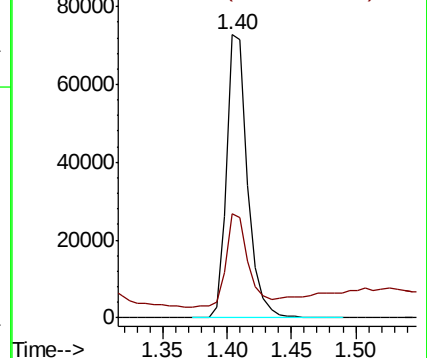
62 100

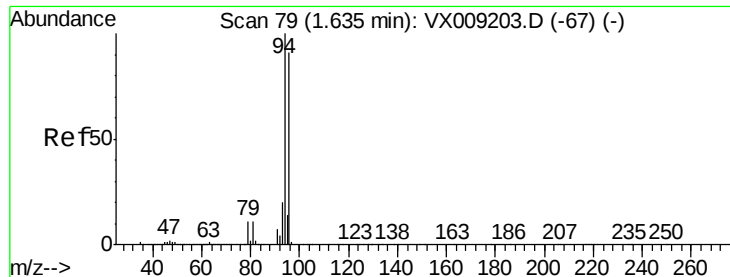
64 32.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.978 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

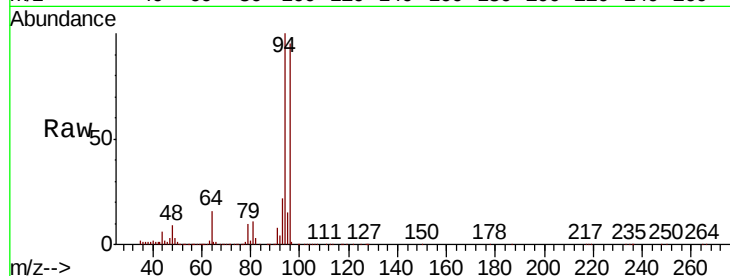
SS003RW114R-190506MSD

Tot Ion: 94 Resp: 32542

Ion Ratio Lower Upper

94 100

96 94.5 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

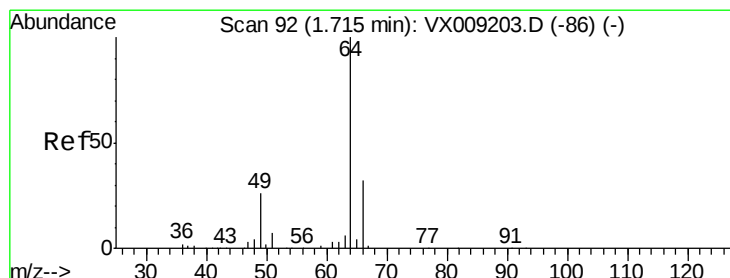
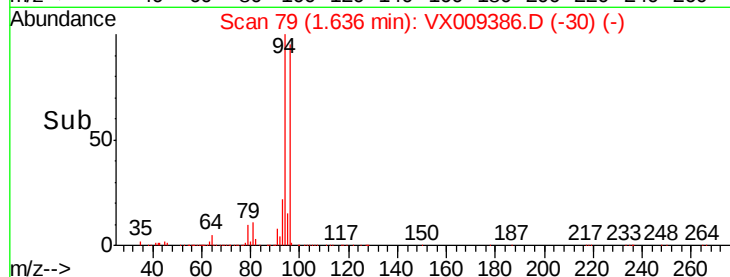
30000

20000

10000

0

Time--> 1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 58.390 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009386.D

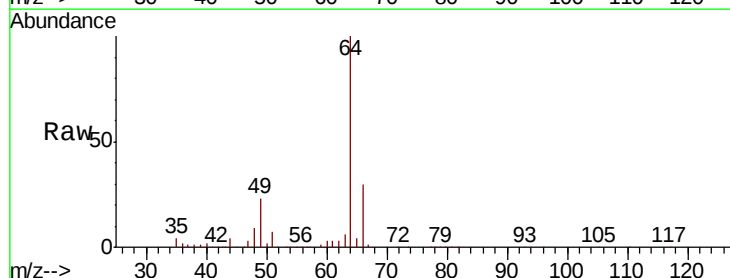
Acq: 07 May 2019 18:52

Tgt Ion: 64 Resp: 72648

Ion Ratio Lower Upper

64 100

66 31.4 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

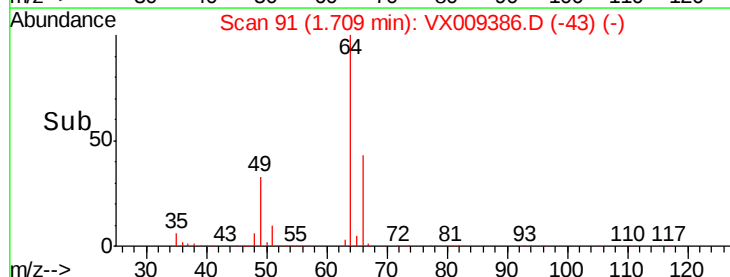
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20000

10000

0

Time--> 1.60 1.70 1.80 1.90



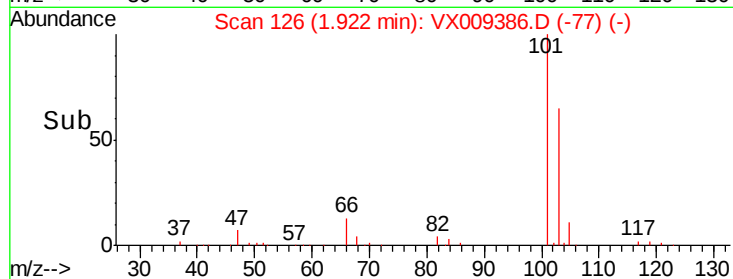
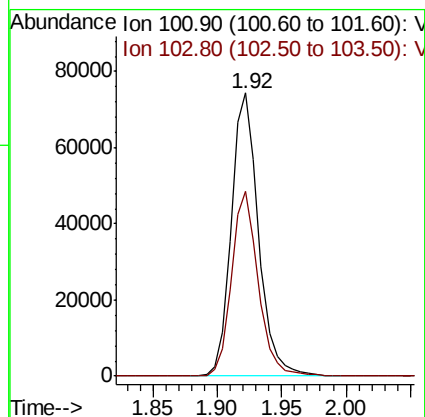
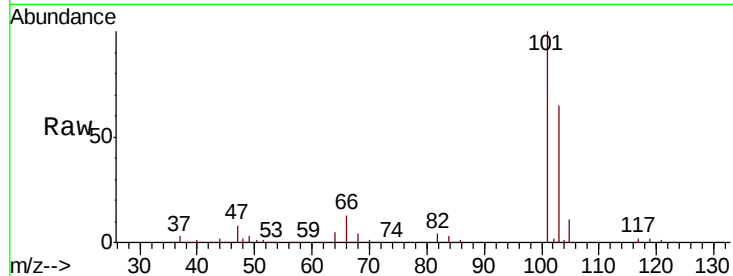


#7

Trichlorofluoromethane
Concen: 46.663 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009386.D
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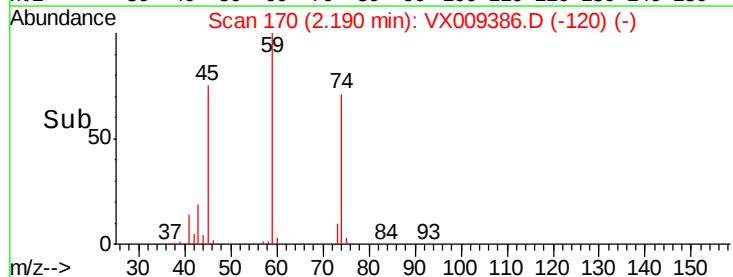
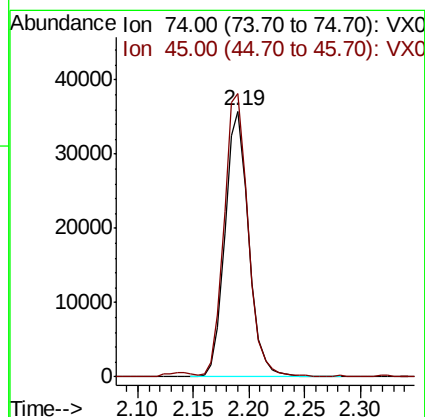
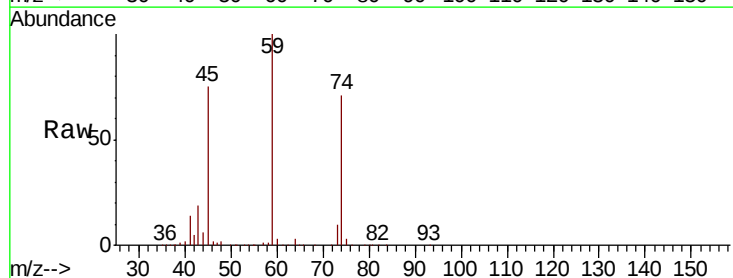
Tot Ion:101 Resp: 109918
Ion Ratio Lower Upper
101 100
103 65.2 52.4 78.6



#8

Diethyl Ether
Concen: 47.236 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 74 Resp: 52706
Ion Ratio Lower Upper
74 100
45 107.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.144 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

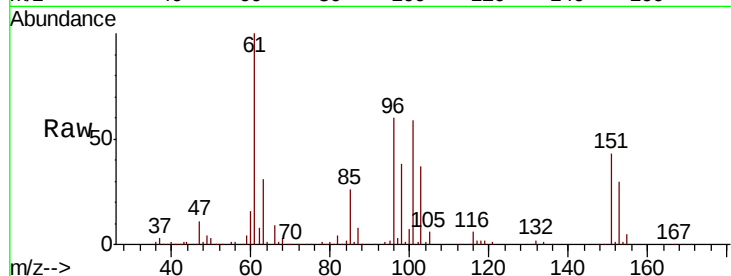
Tot Ion:101 Resp: 68258

Ion Ratio Lower Upper

101 100

85 44.1 35.7 53.5

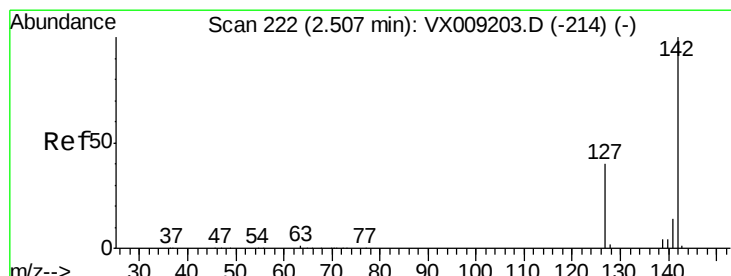
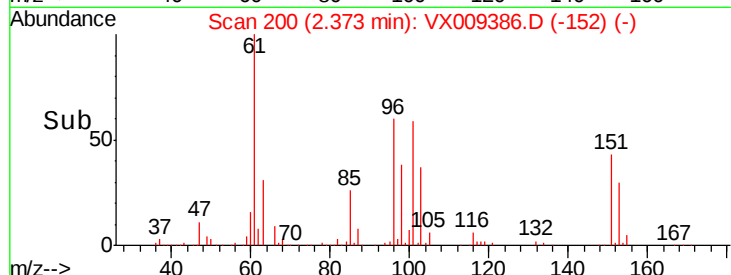
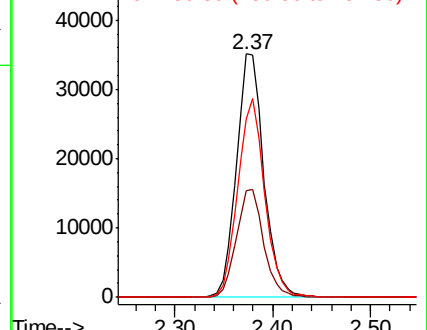
151 80.4 62.2 93.2



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: 25.395 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

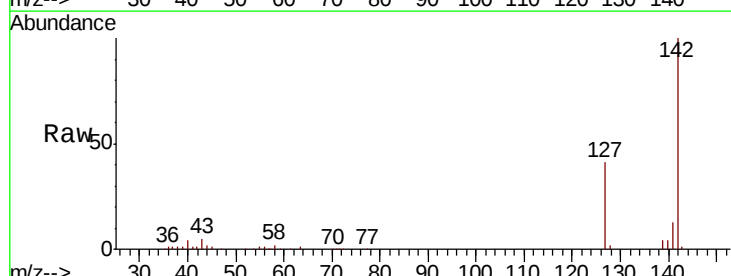
Tgt Ion:142 Resp: 39367

Ion Ratio Lower Upper

142 100

127 41.1 32.7 49.1

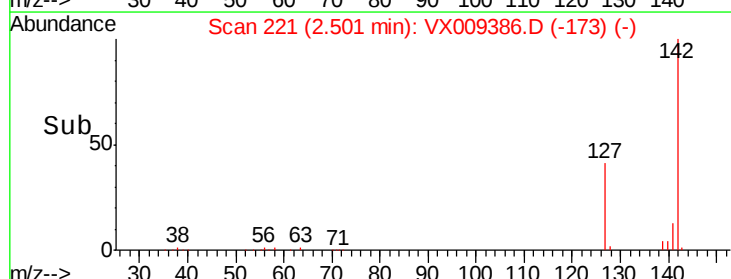
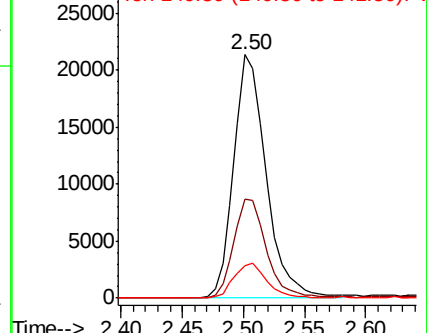
141 14.6 11.5 17.3

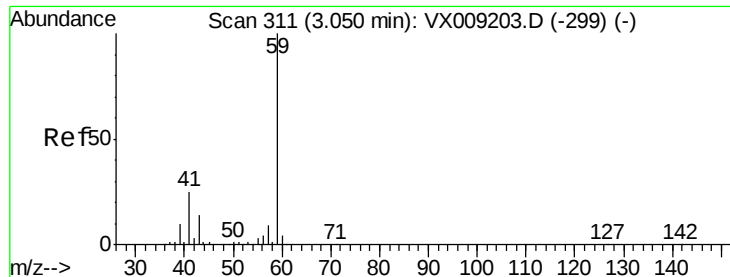


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

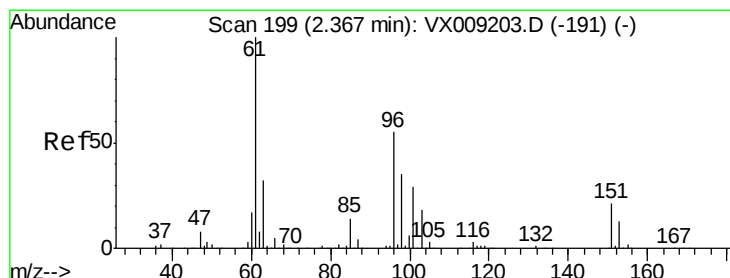
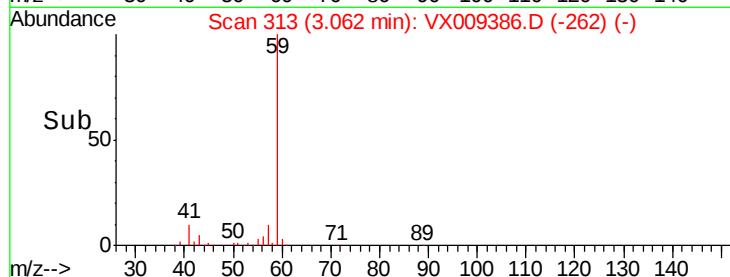
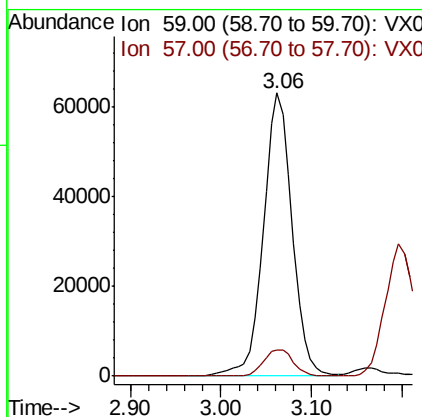
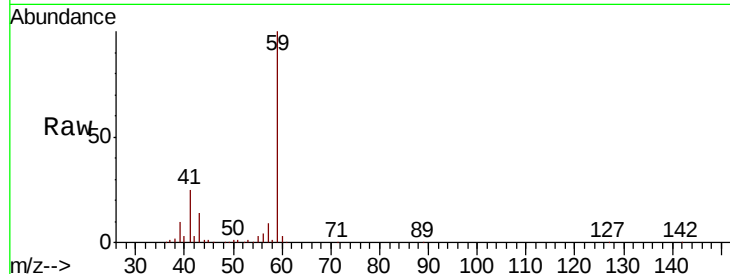




#11
Tert butyl alcohol
Concen: 277.487 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

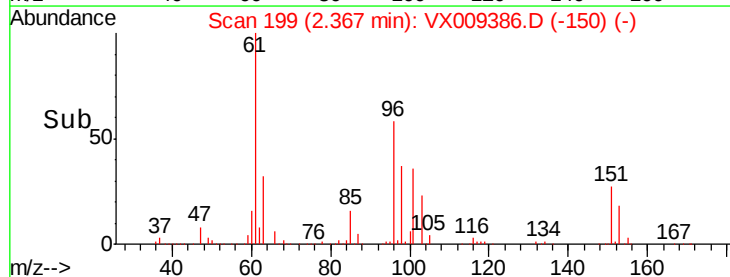
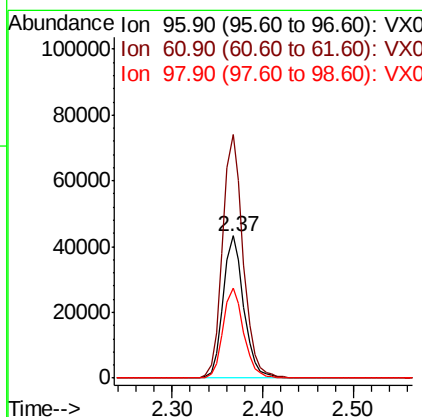
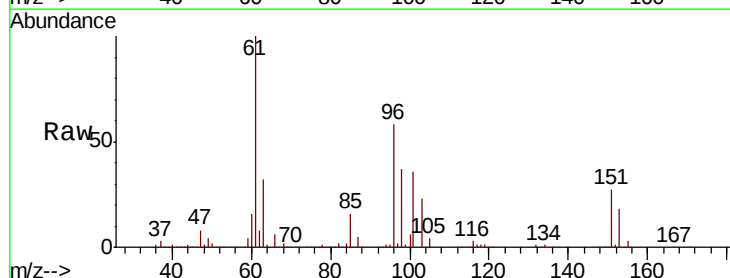
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

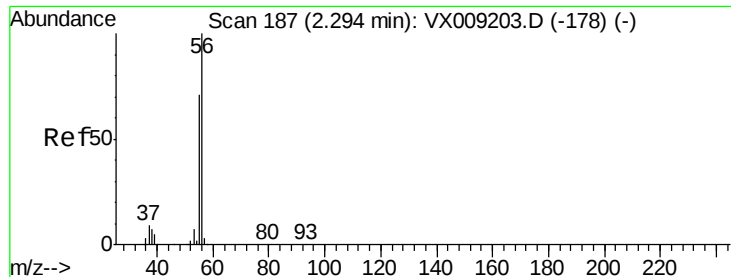
Tot Ion: 59 Resp: 138504
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.409 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 96 Resp: 68784
Ion Ratio Lower Upper
96 100
61 171.0 144.3 216.5
98 63.0 50.3 75.5





#13

Acrolein

Concen: 198.458 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

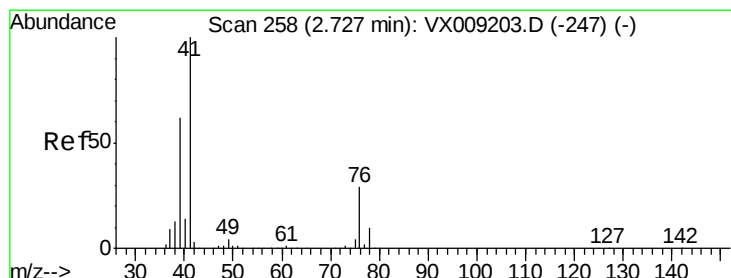
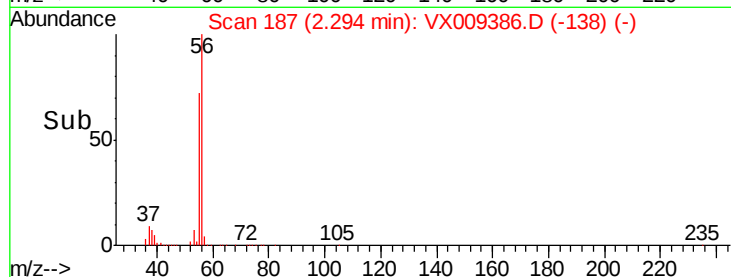
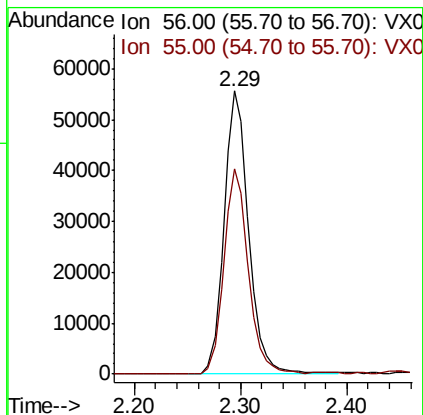
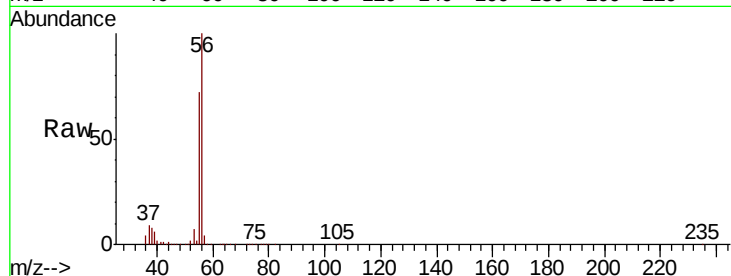
SS003RW114R-190506MSD

Tot Ion: 56 Resp: 89710

Ion Ratio Lower Upper

56 100

55 72.1 56.6 85.0



#14

Allyl chloride

Concen: 46.063 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

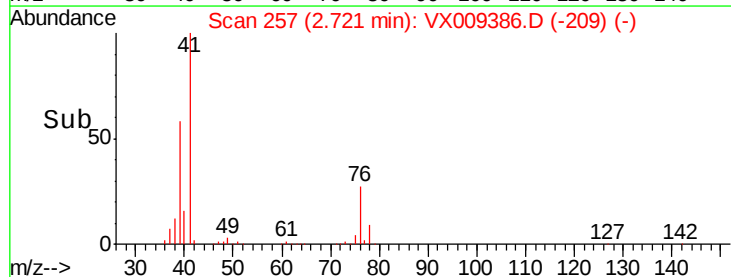
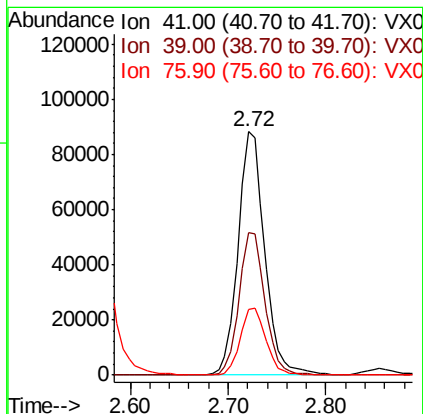
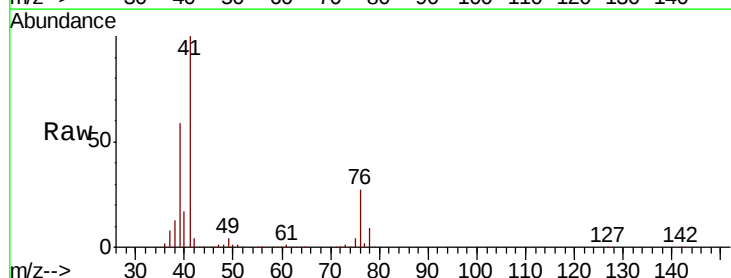
Tgt Ion: 41 Resp: 166375

Ion Ratio Lower Upper

41 100

39 57.5 46.7 70.1

76 26.5 21.8 32.8





#15

Acrylonitrile

Concen: 256.313 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

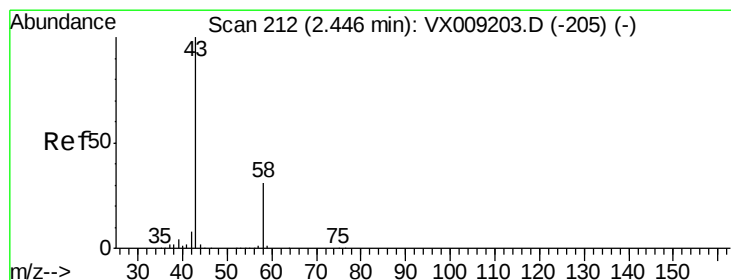
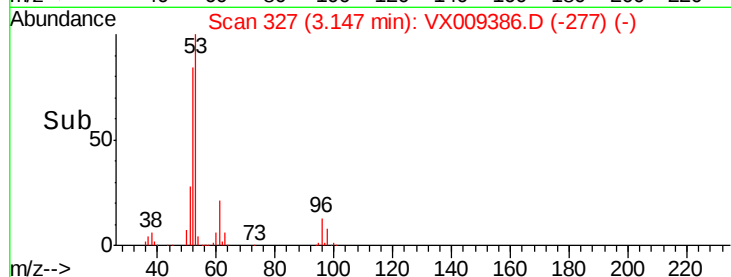
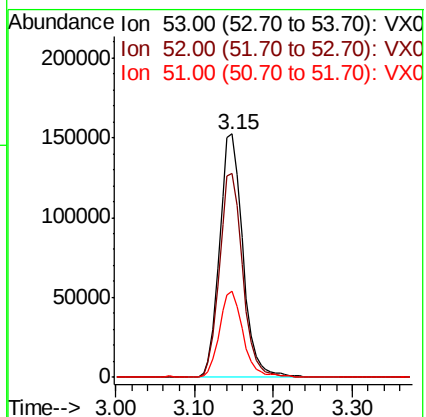
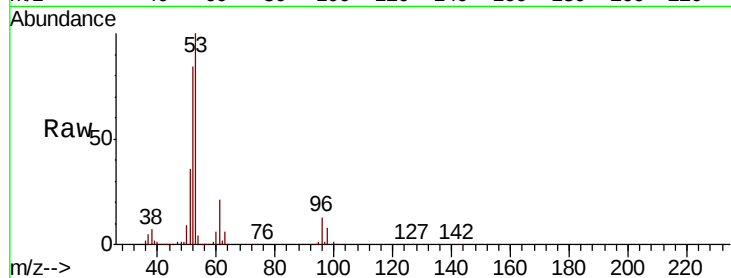
Tot Ion: 53 Resp: 312812

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 35.8 28.2 42.2



#16

Acetone

Concen: 233.204 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009386.D

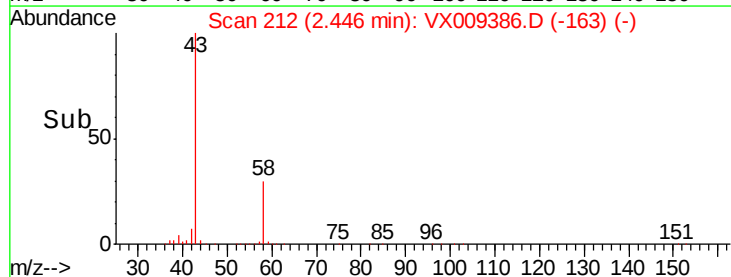
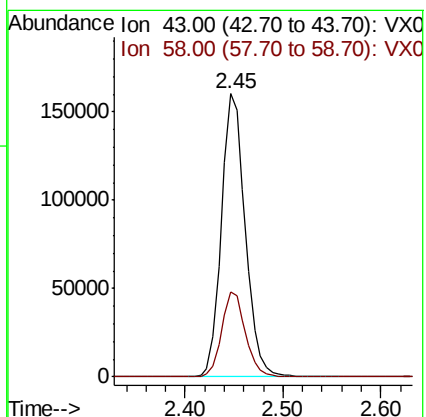
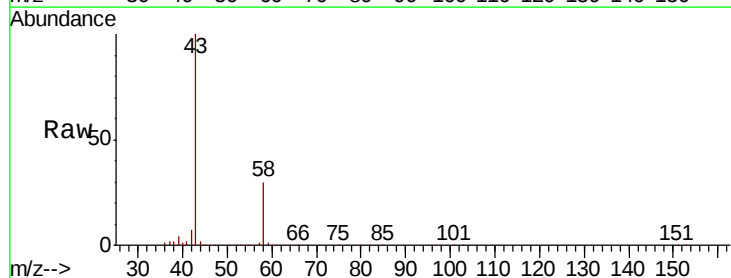
Acq: 07 May 2019 18:52

Tgt Ion: 43 Resp: 270019

Ion Ratio Lower Upper

43 100

58 30.0 24.9 37.3

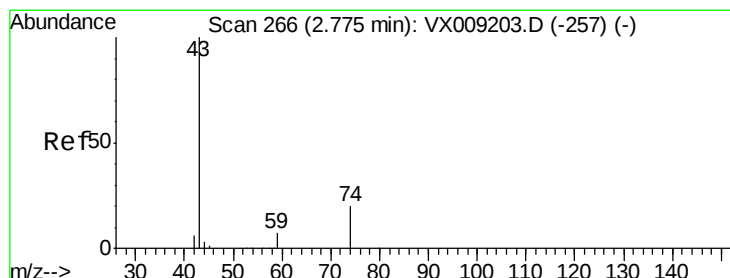
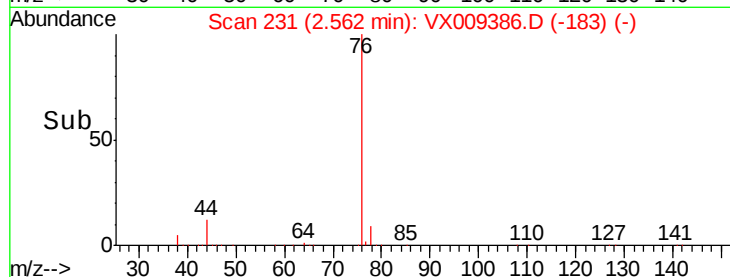
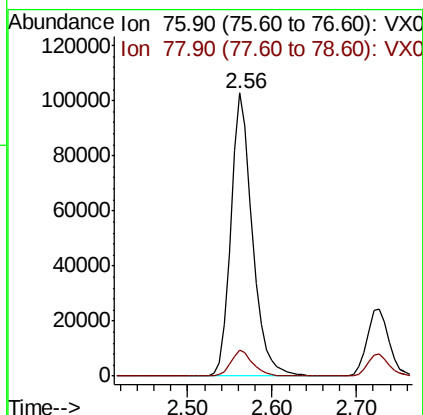
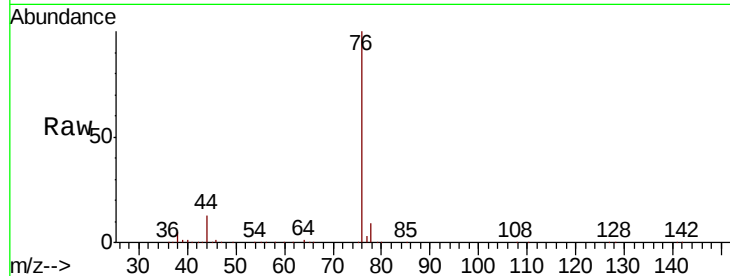




#17
Carbon Disulfide
Concen: 42.758 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

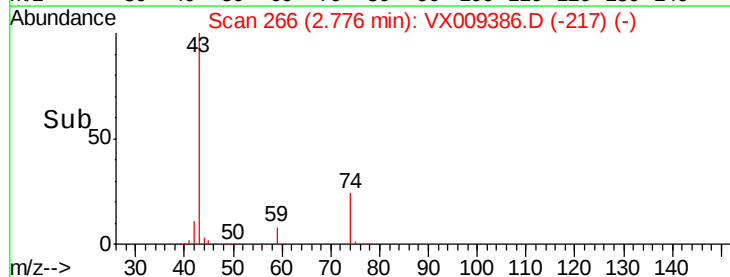
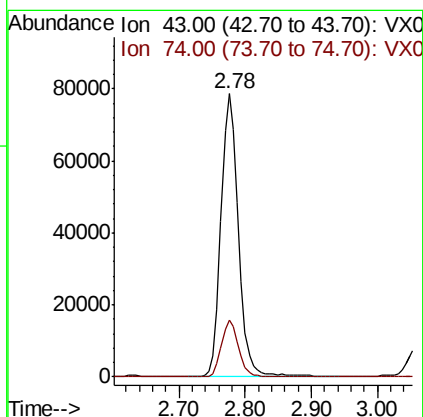
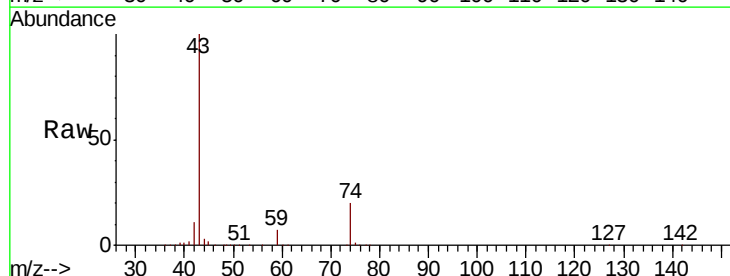
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

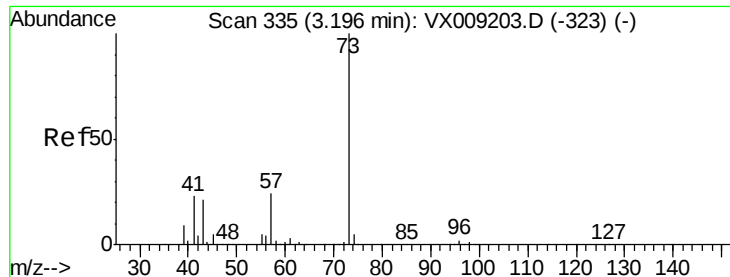
Tot Ion: 76 Resp: 177923
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 51.837 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 43 Resp: 142741
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.4



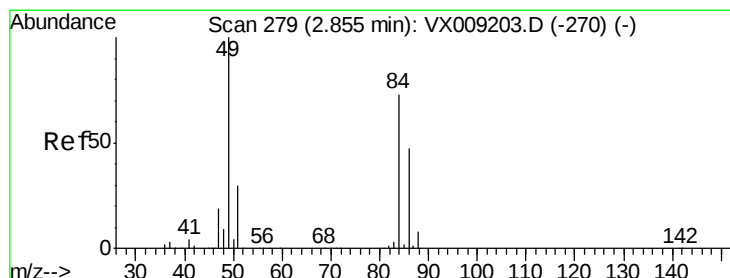
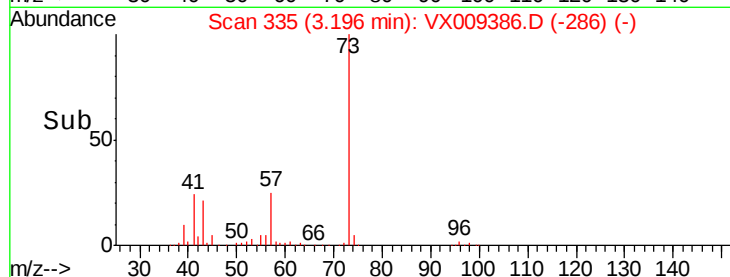
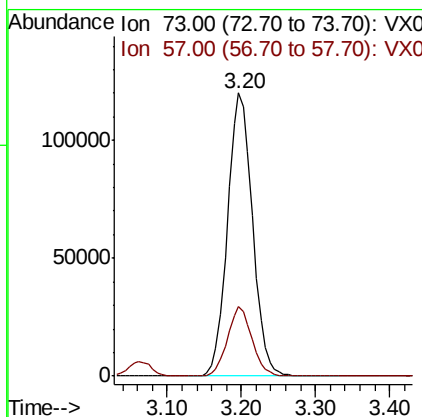
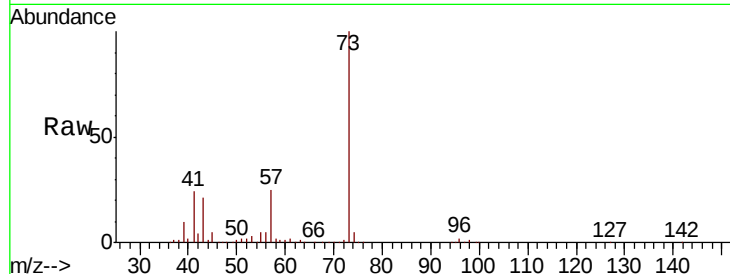


#19

Methyl tert-butyl Ether
 Concen: 48.997 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

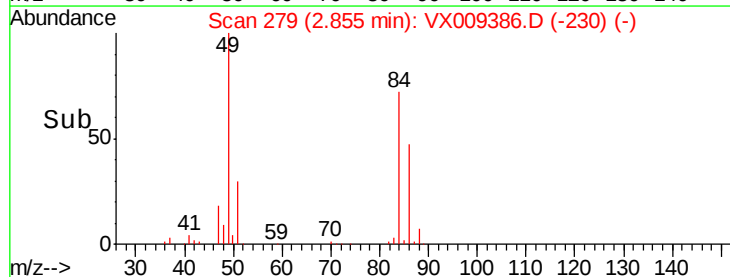
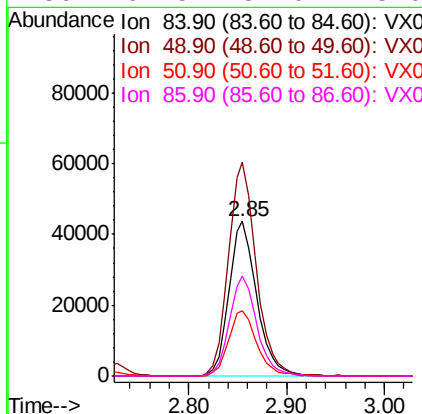
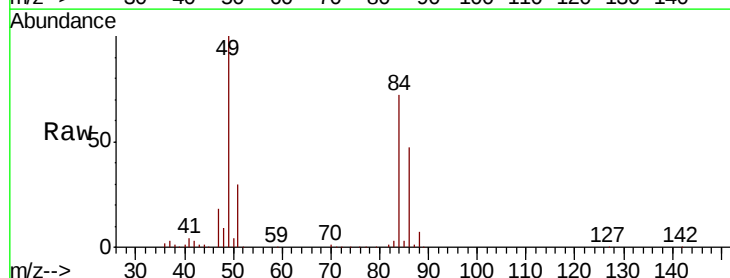
Tot Ion: 73 Resp: 281996
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.3 28.9

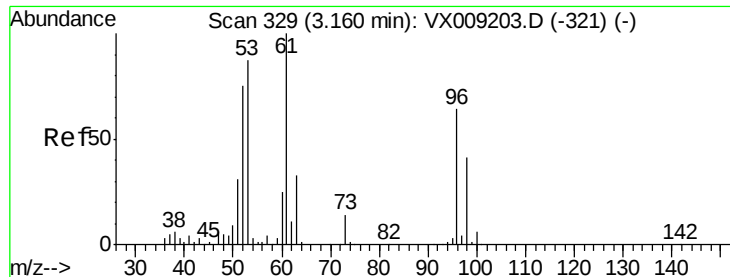


#20

Methylene Chloride
 Concen: 45.550 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion: 84 Resp: 85395
 Ion Ratio Lower Upper
 84 100
 49 137.9 109.9 164.9
 51 41.8 32.7 49.1
 86 64.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.963 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

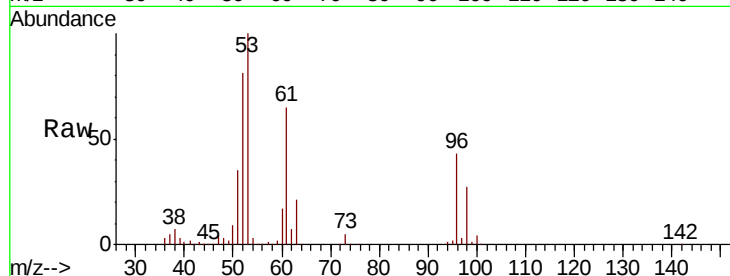
Tot Ion: 96 Resp: 73879

Ion Ratio Lower Upper

96 100

61 152.0 124.5 186.7

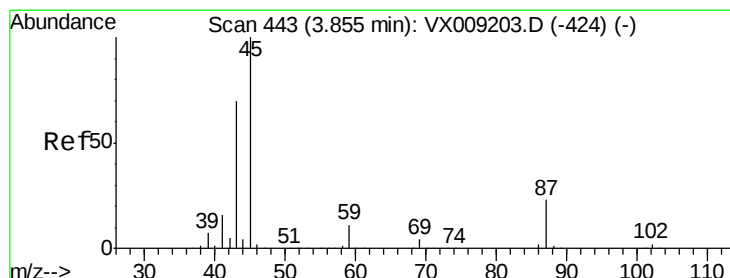
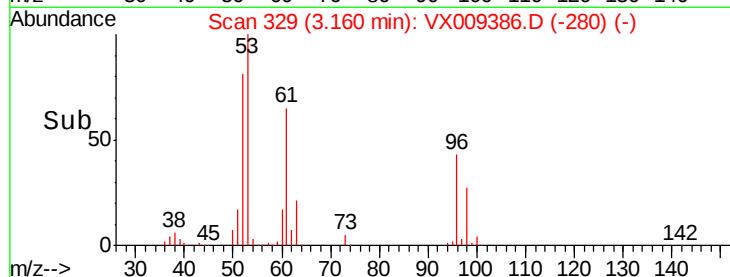
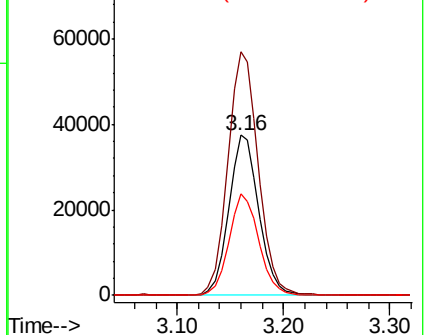
98 63.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 48.117 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Tgt Ion: 45 Resp: 334226

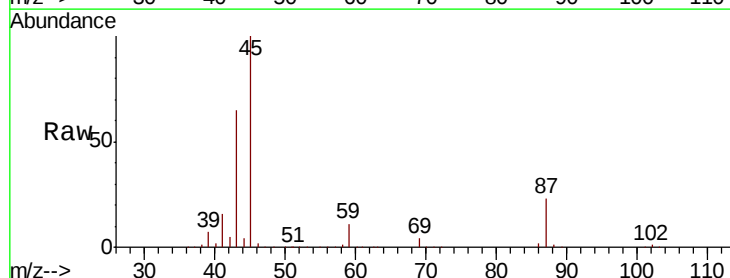
Ion Ratio Lower Upper

45 100

43 64.4 56.1 84.1

87 23.4 18.1 27.1

59 10.8 8.5 12.7

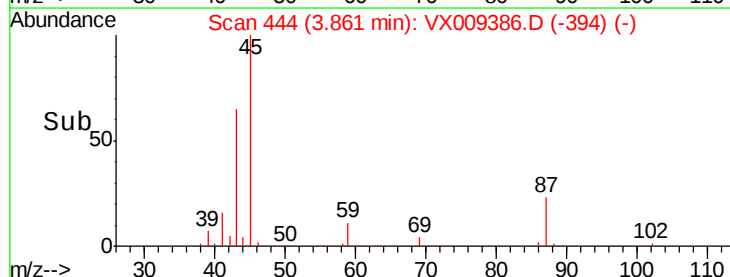
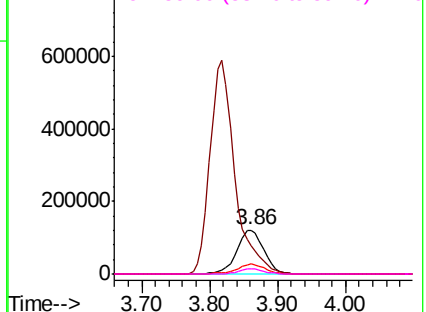


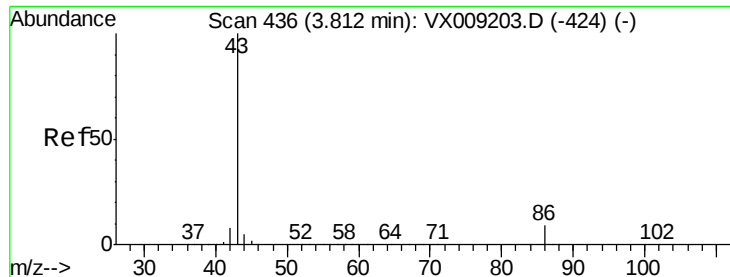
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 251.928 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

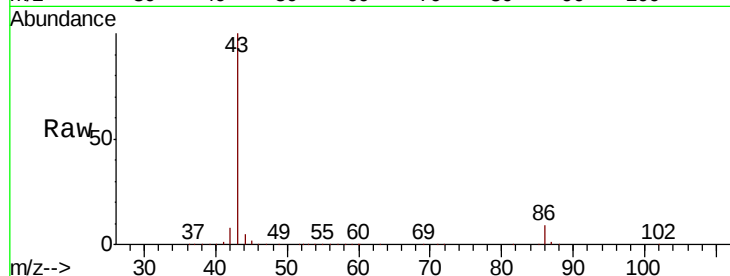
SS003RW114R-190506MSD

Tot Ion: 43 Resp: 1498479

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

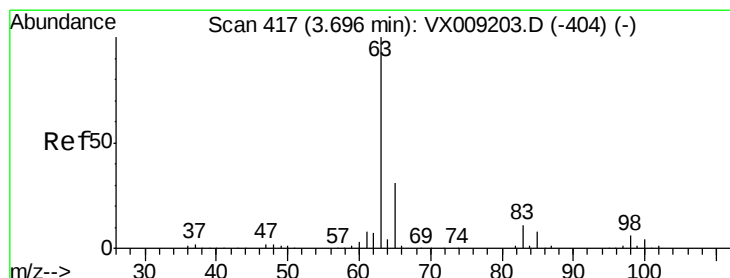
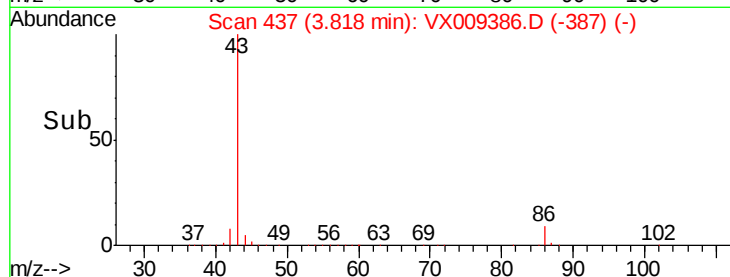
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.571 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

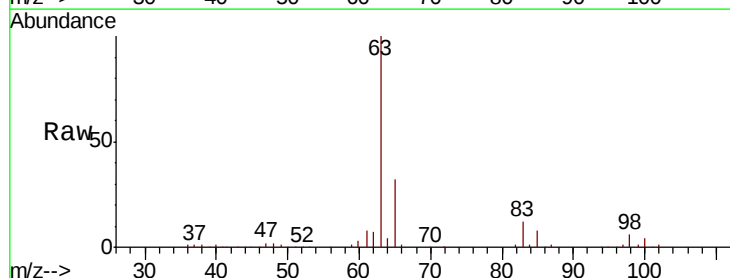
Tgt Ion: 63 Resp: 159581

Ion Ratio Lower Upper

63 100

98 6.3 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

80000

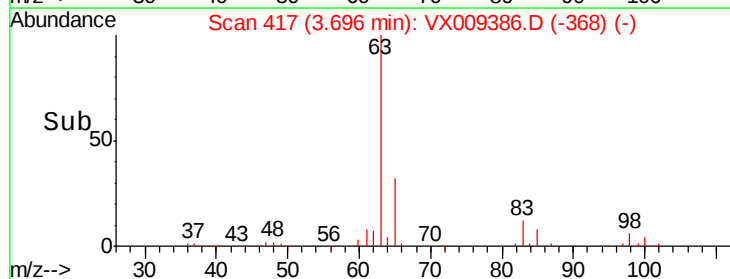
60000

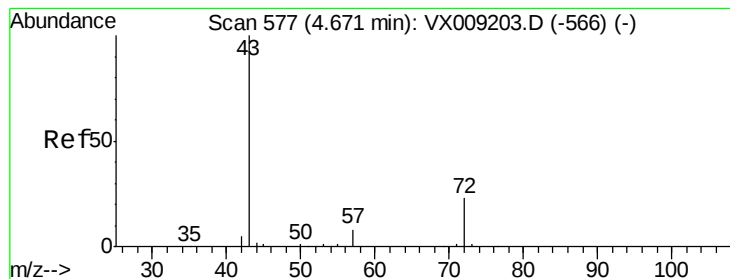
40000

20000

0

Time-->





#25

2-Butanone

Concen: 260.101 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

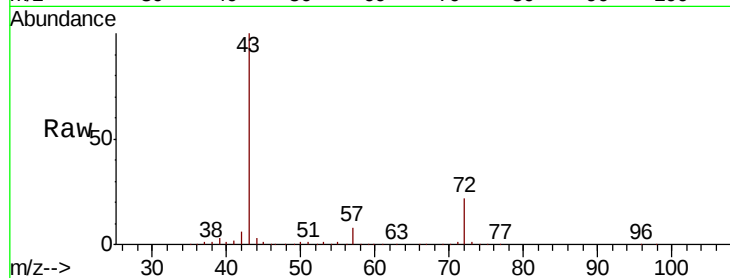
SS003RW114R-190506MSD

Tot Ion: 43 Resp: 467995

Ion Ratio Lower Upper

43 100

72 22.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

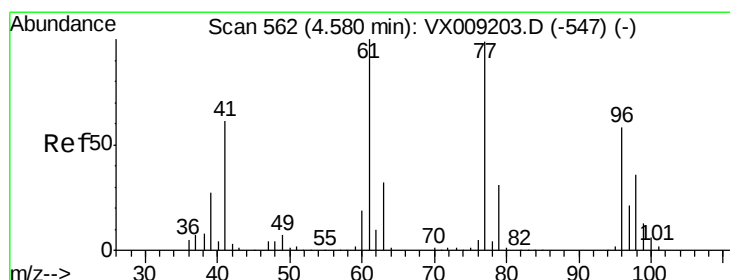
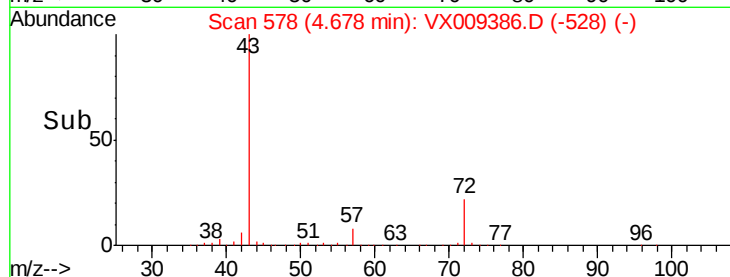
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.740 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009386.D

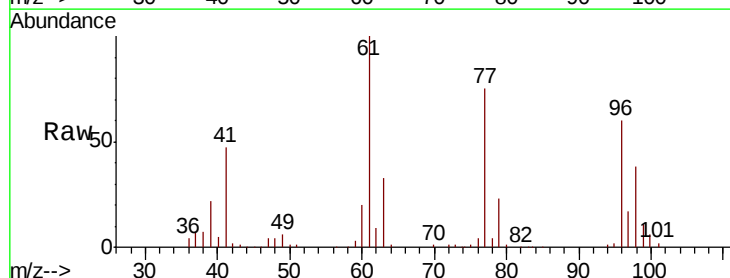
Acq: 07 May 2019 18:52

Tgt Ion: 77 Resp: 106460

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

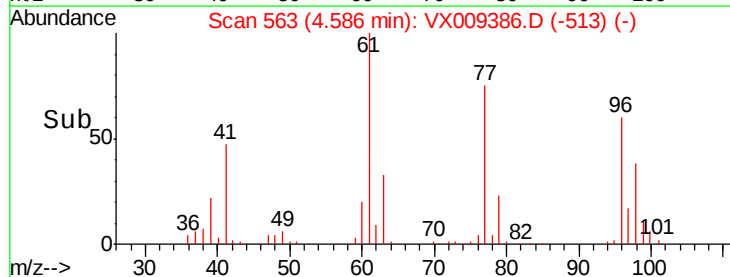
30000

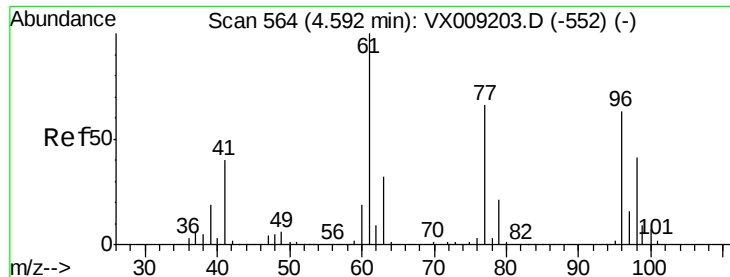
20000

10000

0

Time-->



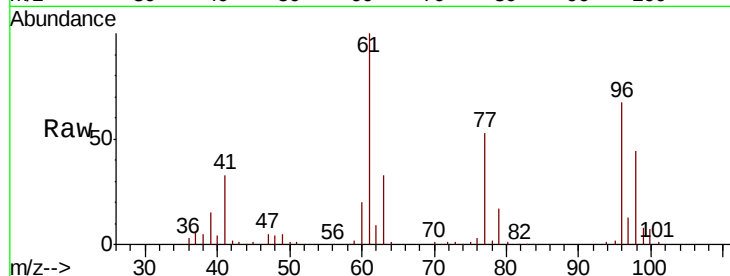


#27

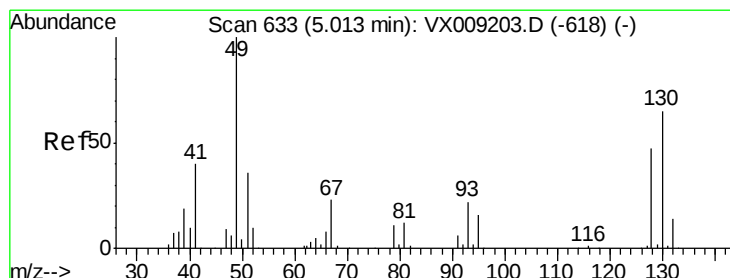
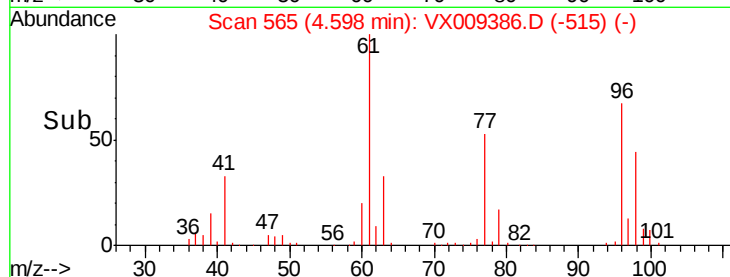
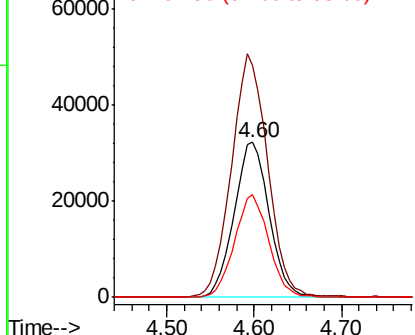
cis-1,2-Dichloroethene
Concen: 46.884 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

Tot Ion: 96 Resp: 89950
Ion Ratio Lower Upper
96 100
61 162.8 0.0 324.0
98 64.7 0.0 130.4



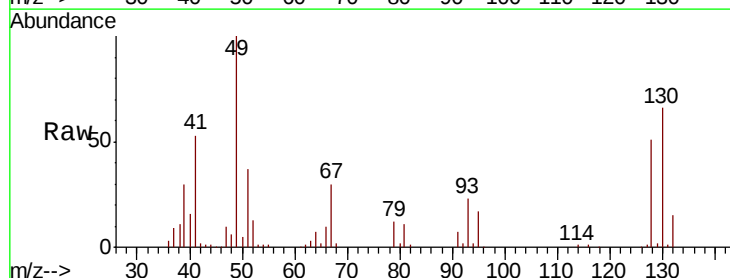
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



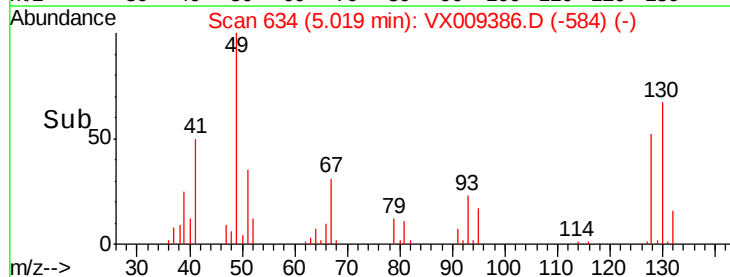
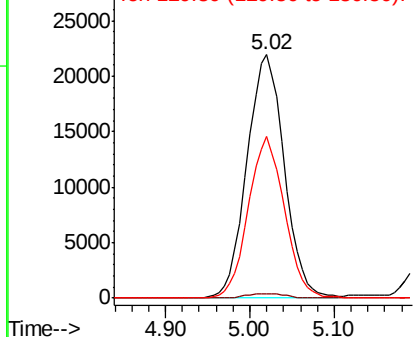
#28

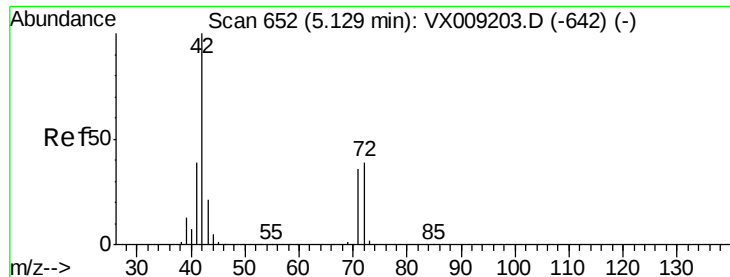
Bromochloromethane
Concen: 47.997 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 49 Resp: 66357
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.1 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: 267.401 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

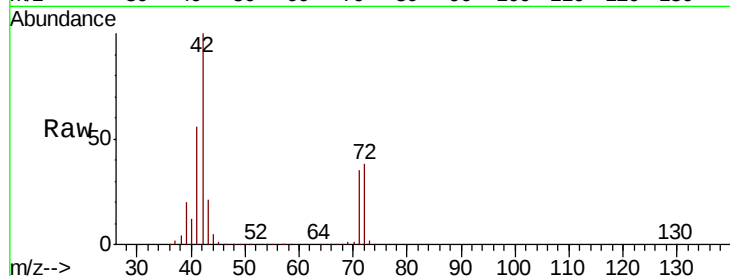
Tot Ion: 42 Resp: 309606

Ion Ratio Lower Upper

42 100

72 37.7 30.4 45.6

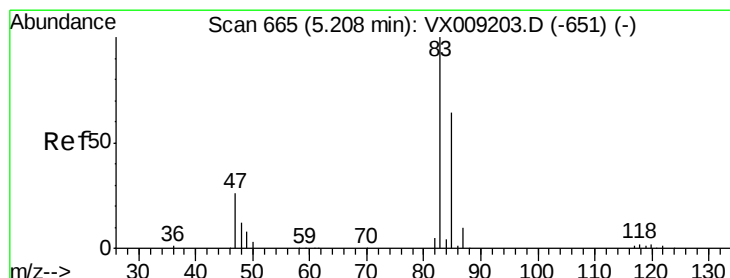
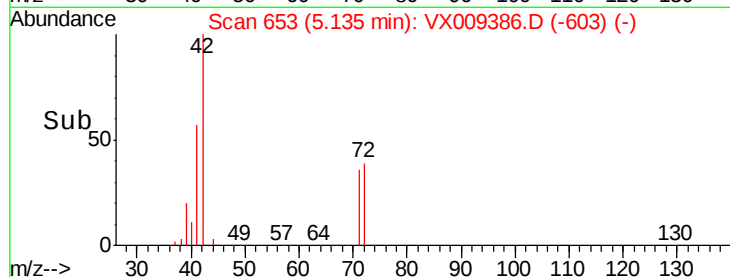
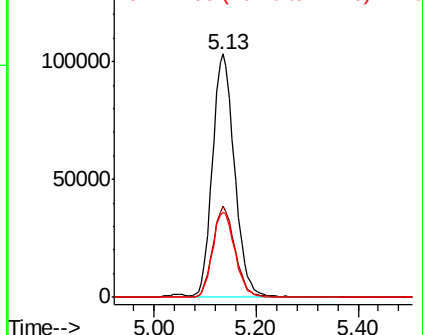
71 35.5 28.6 43.0



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: 48.223 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009386.D

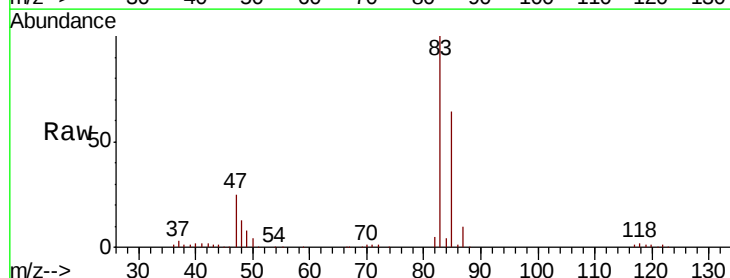
Acq: 07 May 2019 18:52

Tgt Ion: 83 Resp: 149449

Ion Ratio Lower Upper

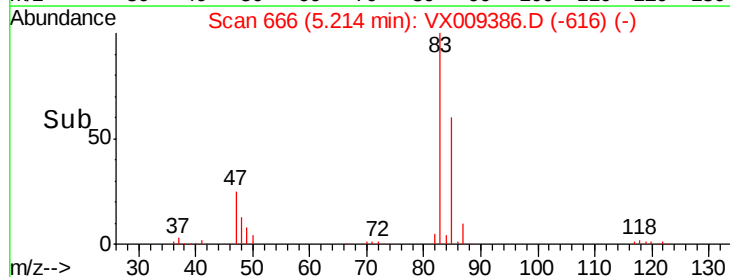
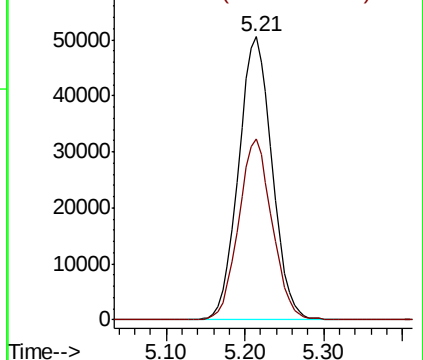
83 100

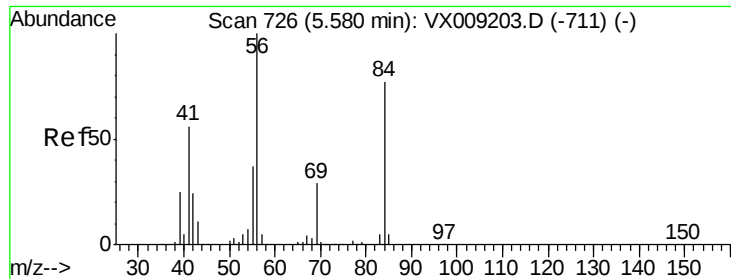
85 63.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

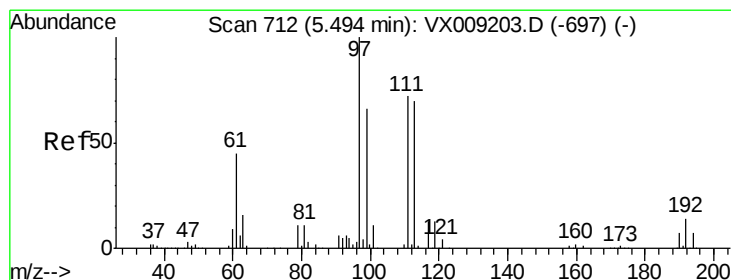
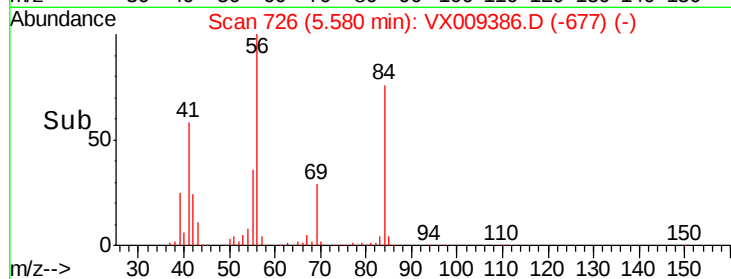
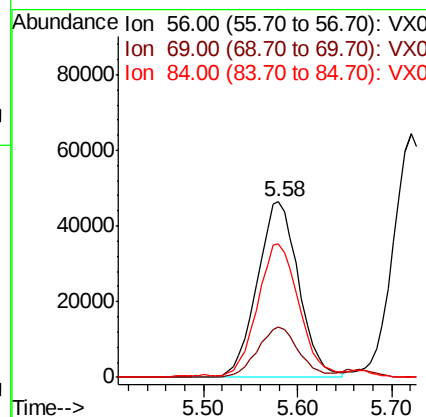
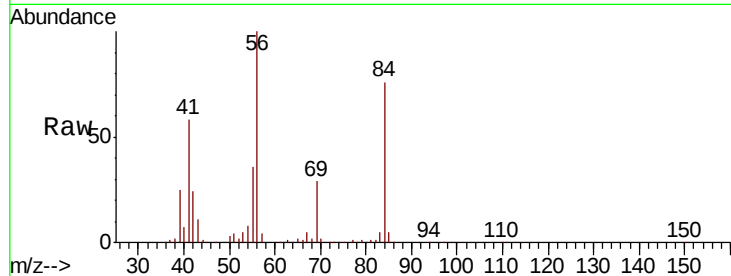




#31
Cyclohexane
Concen: 44.852 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

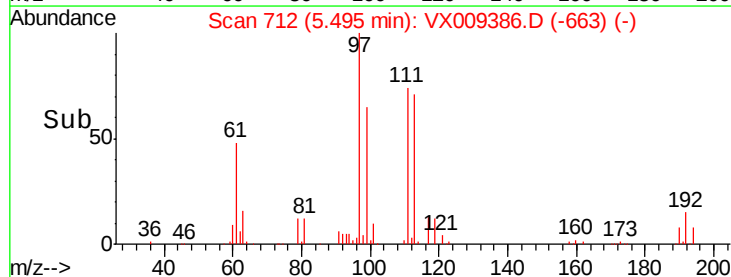
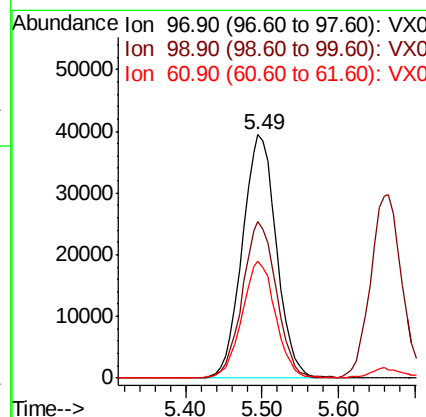
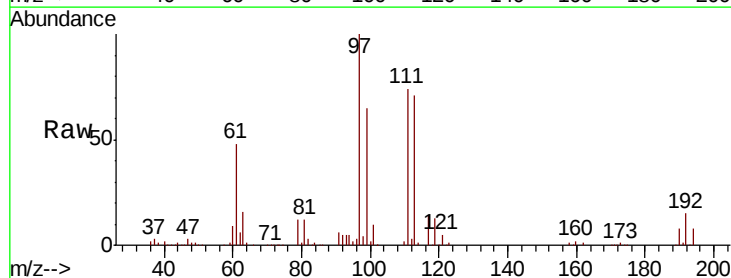
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

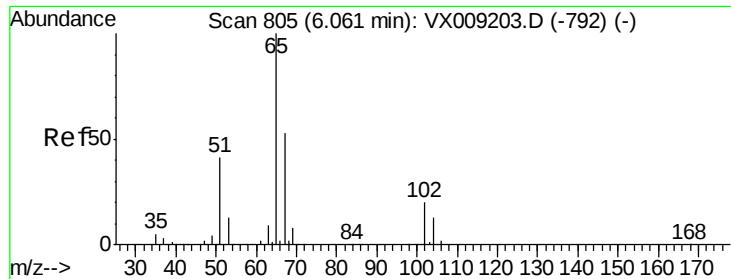
Tot Ion: 56 Resp: 142988
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.0
84 74.8 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 47.289 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 97 Resp: 122001
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 47.4 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 53.153 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

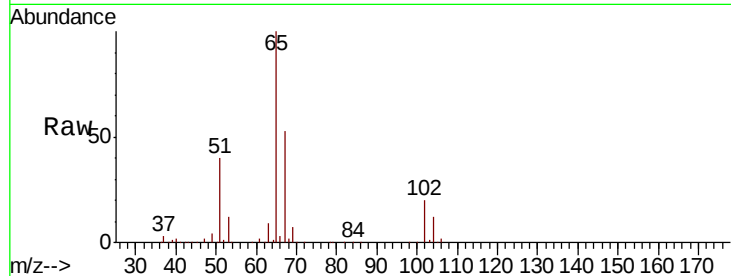
SS003RW114R-190506MSD

Tot Ion: 65 Resp: 114615

Ion Ratio Lower Upper

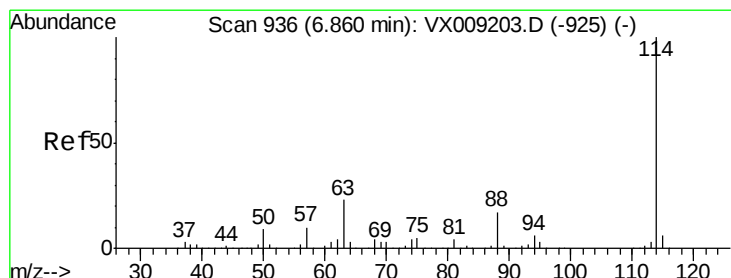
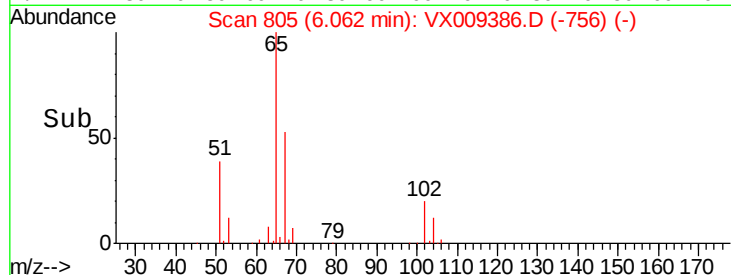
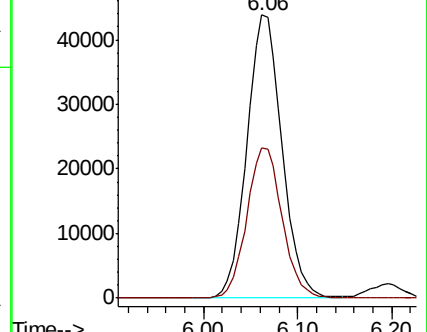
65 100

67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

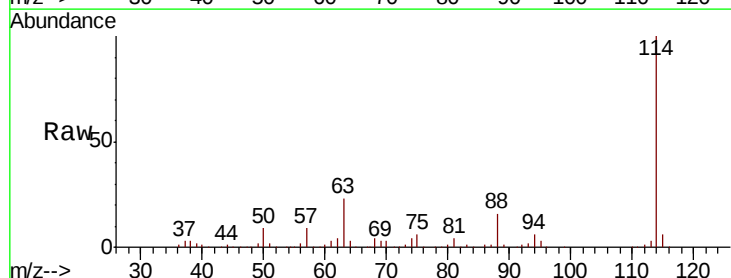
Tgt Ion: 114 Resp: 253548

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

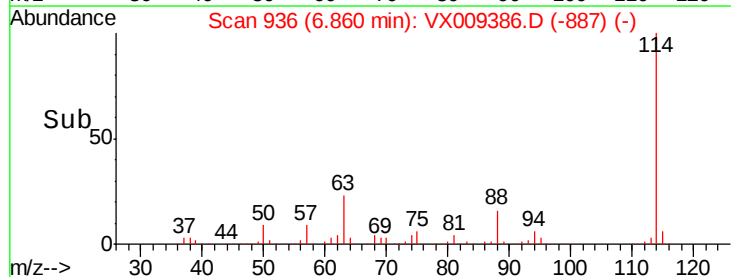
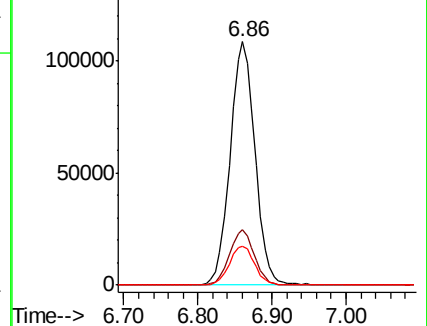
88 16.0 0.0 33.2



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

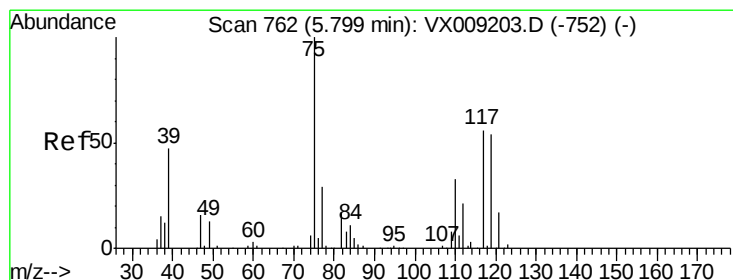
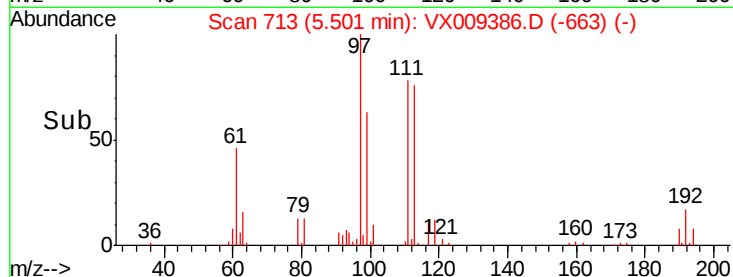
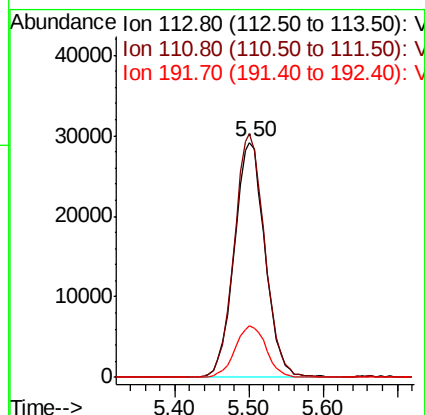
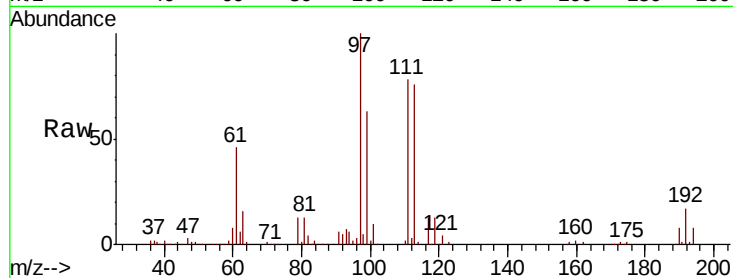




#35
 Dibromofluoromethane
 Concen: 52.816 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

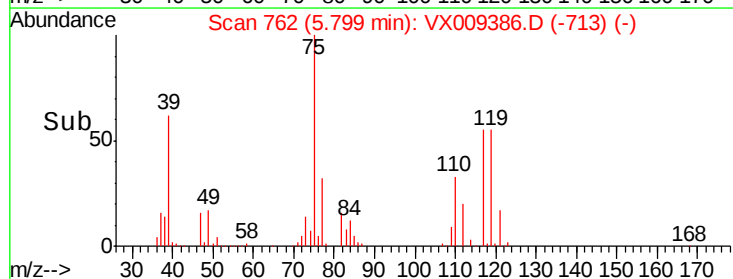
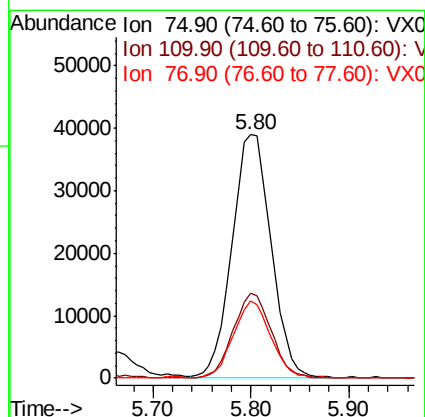
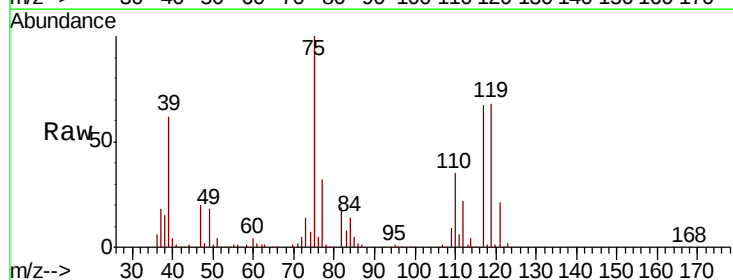
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

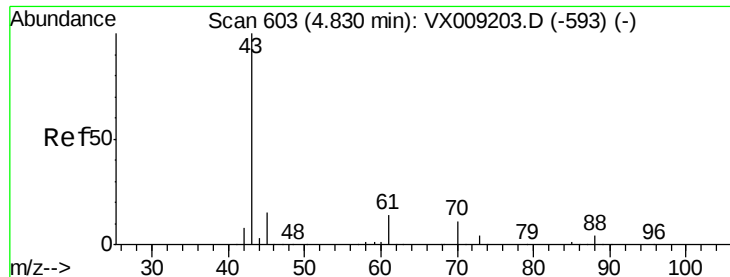
Tot Ion:113 Resp: 84183
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 22.3 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 45.599 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion: 75 Resp: 107443
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.9 50.6
 77 30.2 24.8 37.2

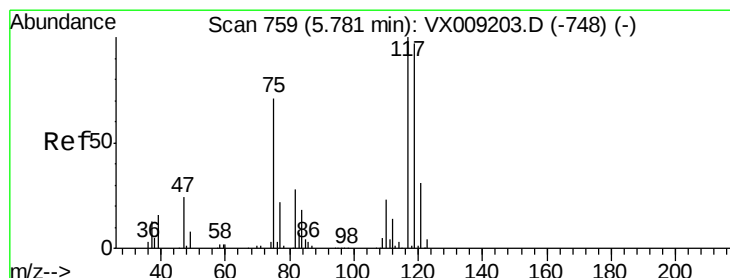
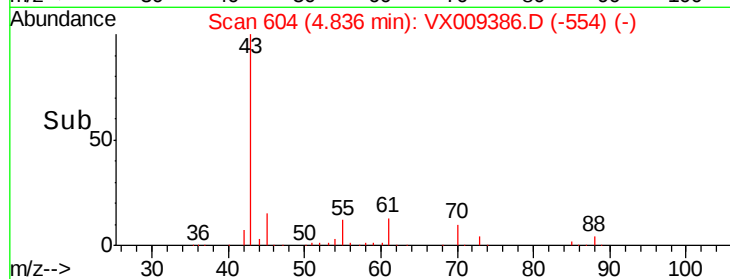
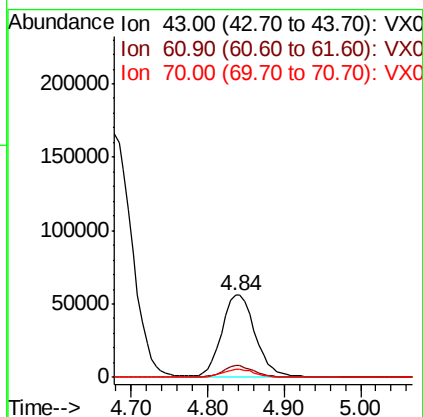
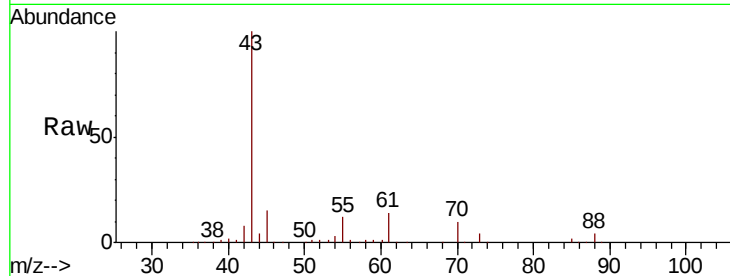




#37
Ethyl Acetate
Concen: 51.492 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

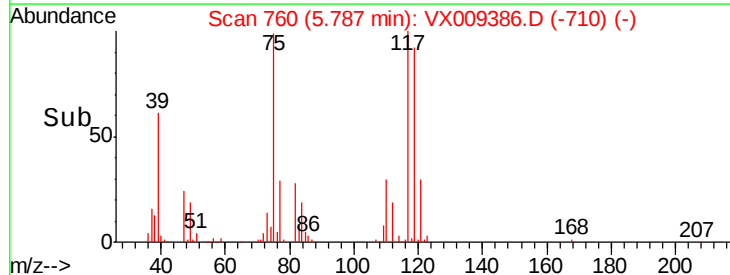
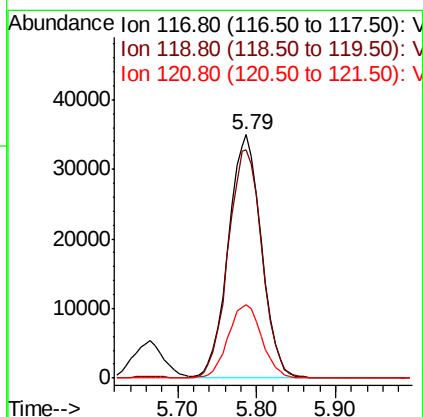
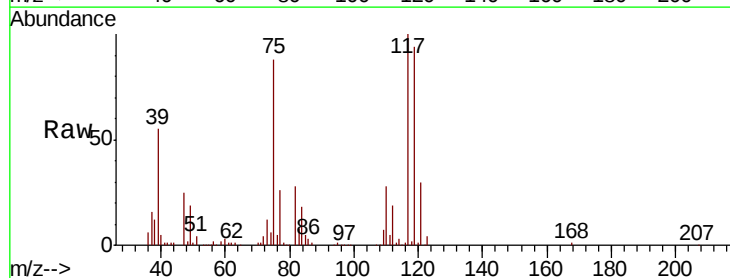
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

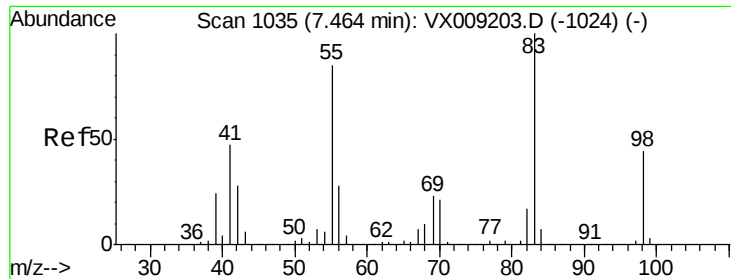
Tot Ion: 43 Resp: 169046
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.574 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 117 Resp: 101846
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3
121 30.2 24.7 37.1

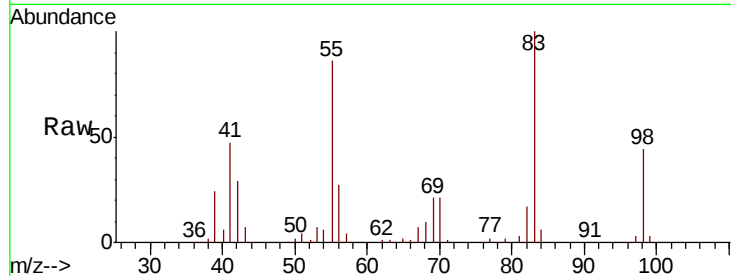




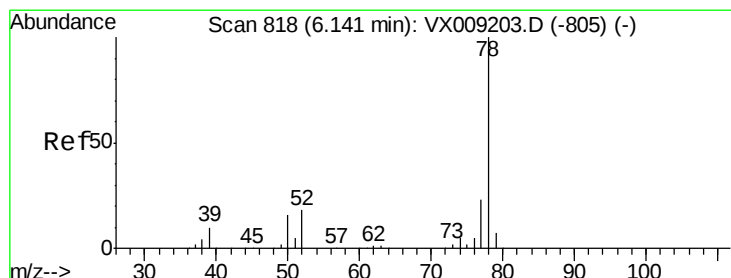
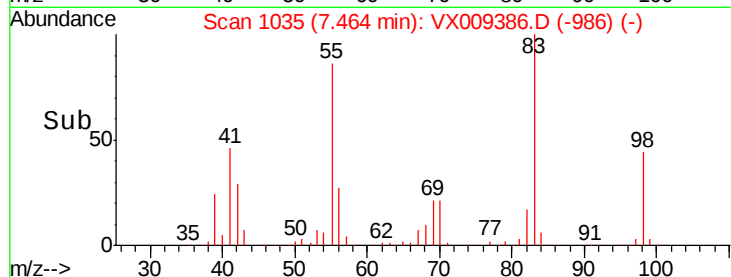
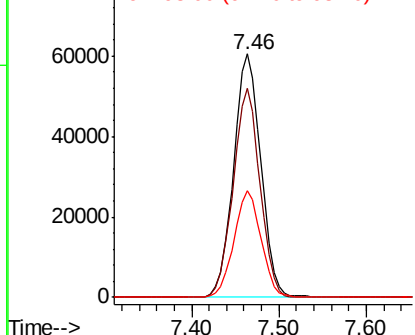
#39
Methvlcvclohexane
Concen: 45.397 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

Tot Ion: 83 Resp: 131366
Ion Ratio Lower Upper
83 100
55 86.1 67.7 101.5
98 43.8 35.5 53.3

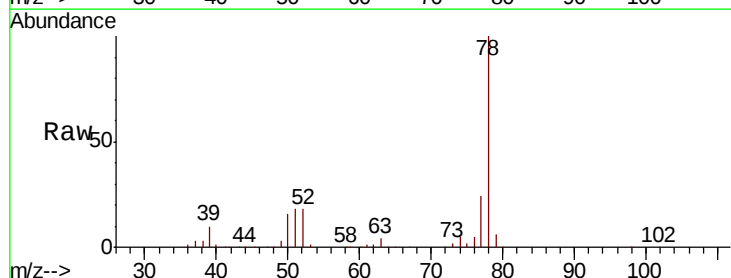


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

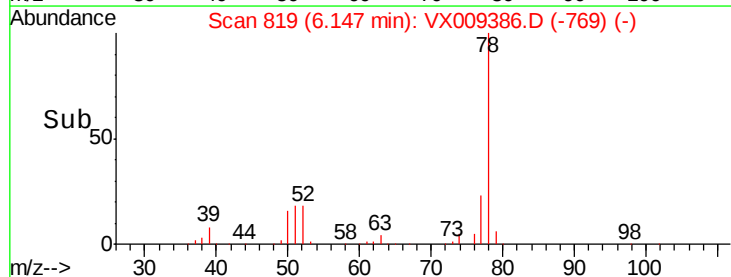
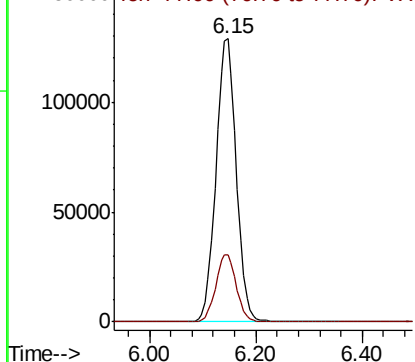


#40
Benzene
Concen: 46.870 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 78 Resp: 341785
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 49.488 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

Tot Ion: 41 Resp: 96711

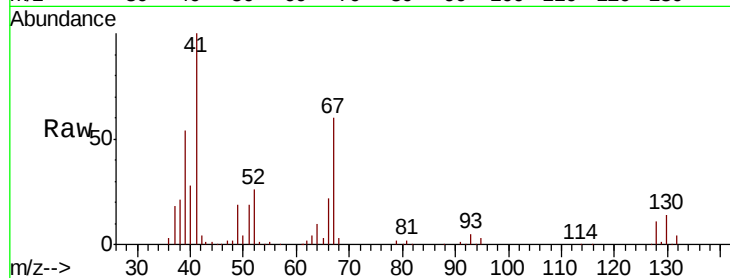
Ion Ratio Lower Upper

41 100

39 53.4 42.0 63.0

67 63.9 49.8 74.8

52 27.1 20.3 30.5

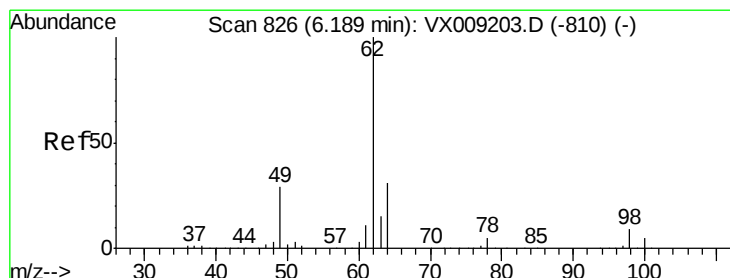
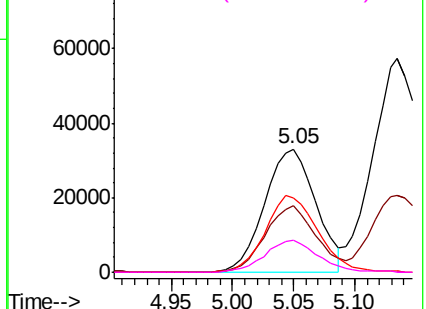
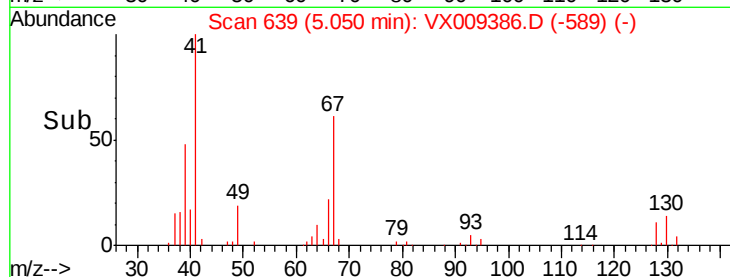


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.129 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009386.D

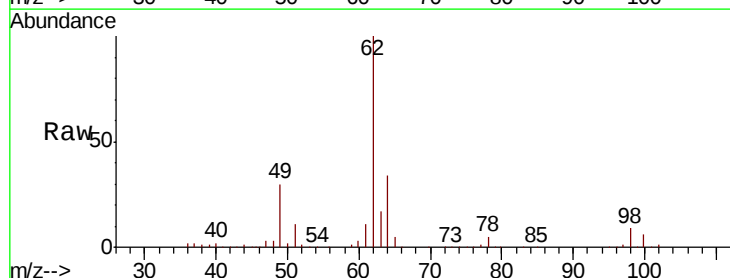
Acq: 07 May 2019 18:52

Tgt Ion: 62 Resp: 125898

Ion Ratio Lower Upper

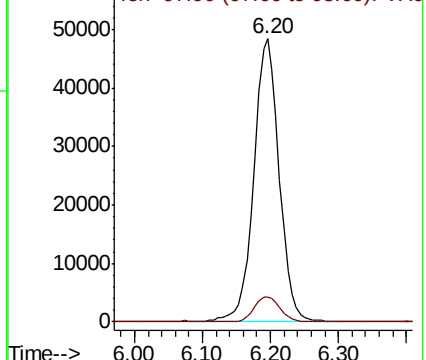
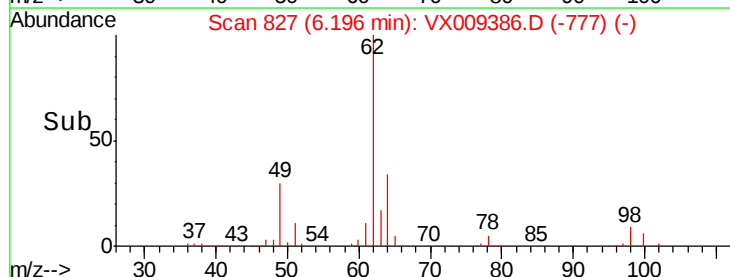
62 100

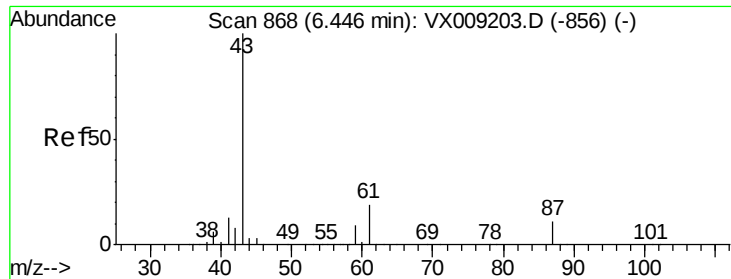
98 9.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.183 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

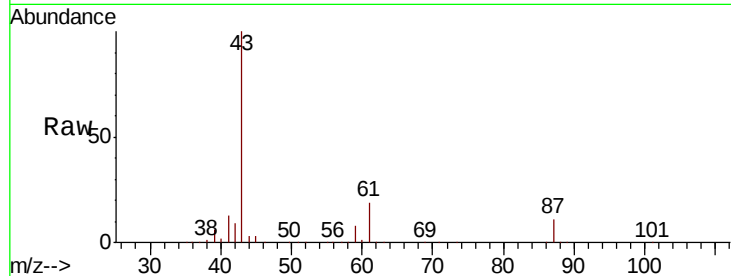
Tot Ion: 43 Resp: 268774

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

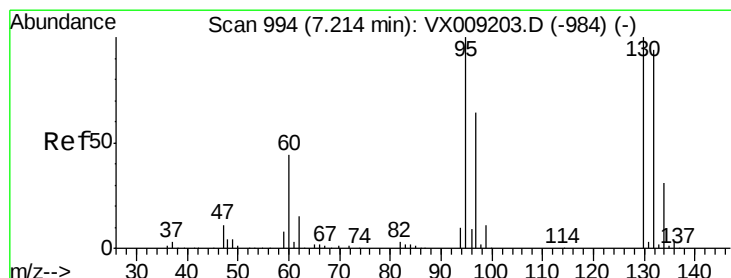
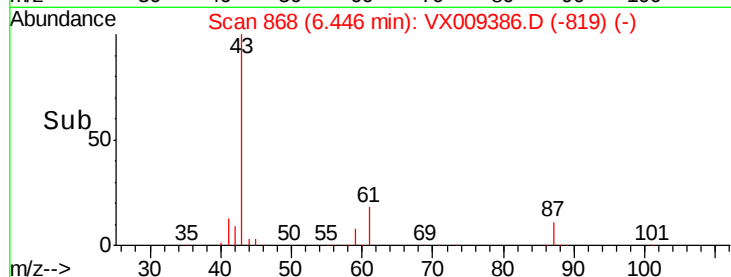
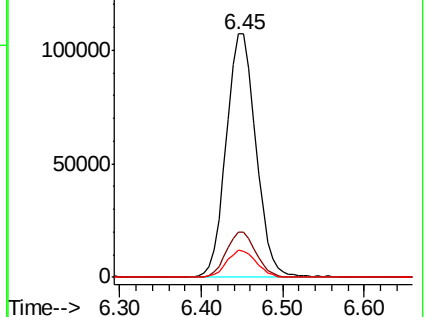
87 11.2 9.0 13.6



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: 46.109 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009386.D

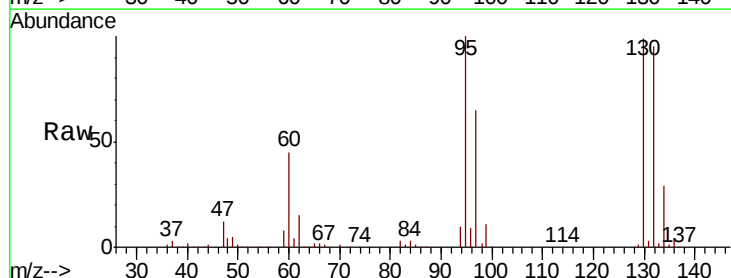
Acq: 07 May 2019 18:52

Tgt Ion:130 Resp: 81286

Ion Ratio Lower Upper

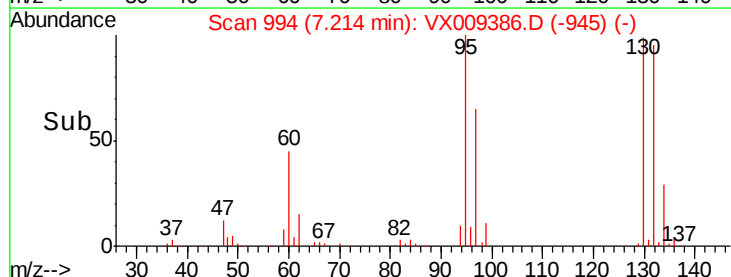
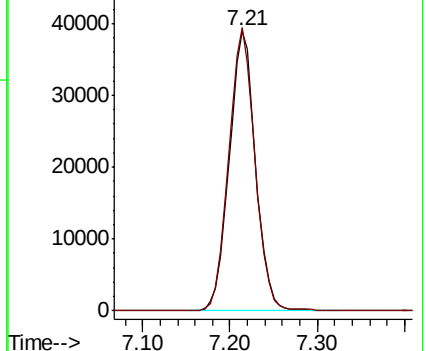
130 100

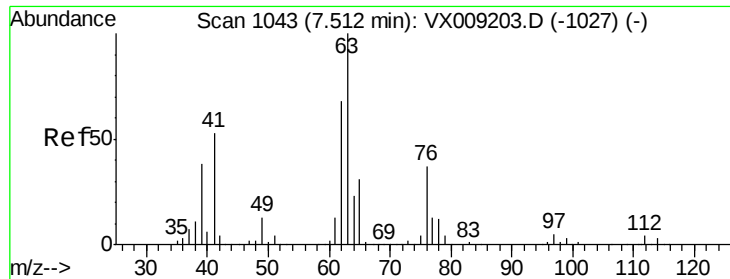
95 101.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.405 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

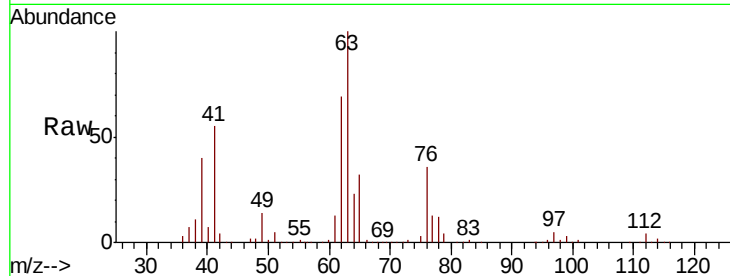
SS003RW114R-190506MSD

Tot Ion: 63 Resp: 99949

Ion Ratio Lower Upper

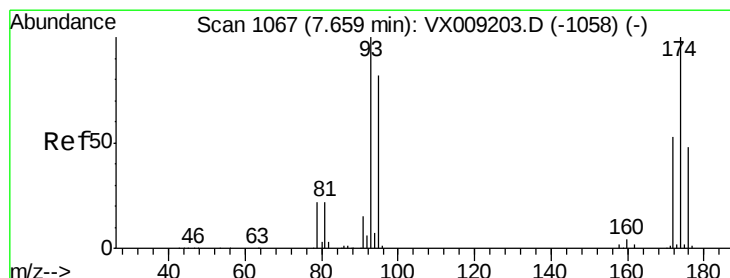
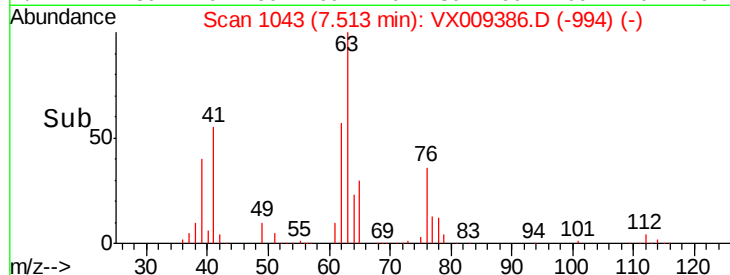
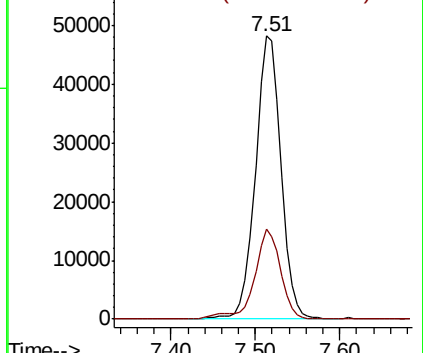
63 100

65 32.0 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: 47.349 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

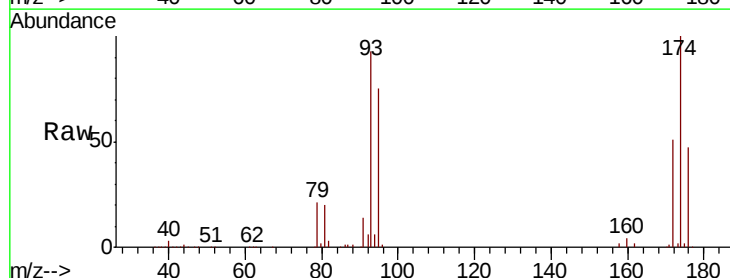
Tgt Ion: 93 Resp: 56775

Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

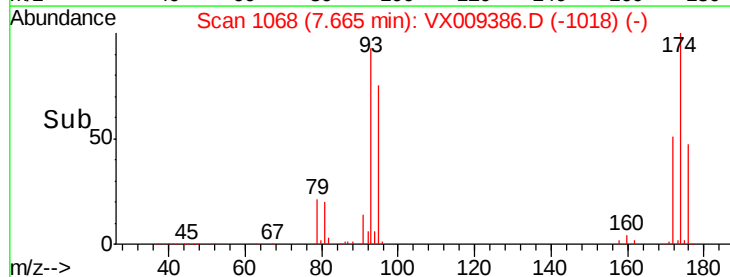
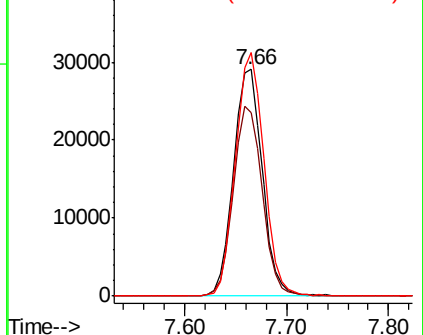
174 106.7 82.1 123.1

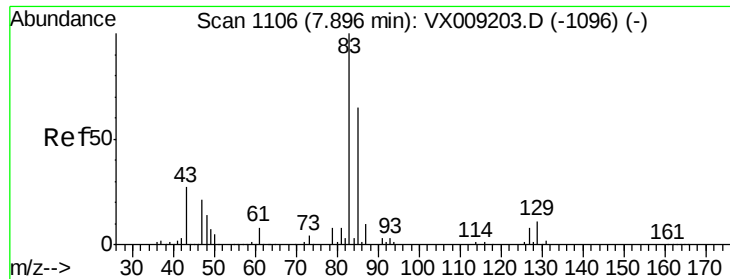


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.407 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

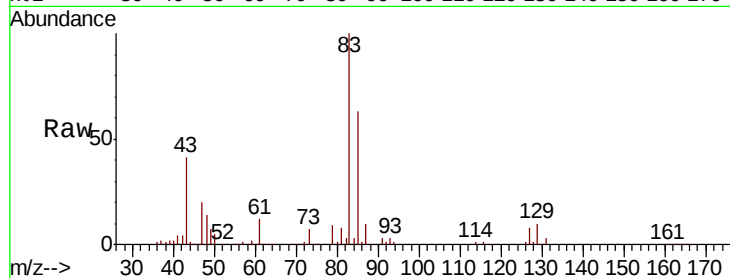
Tot Ion: 83 Resp: 118173

Ion Ratio Lower Upper

83 100

85 62.8 52.4 78.6

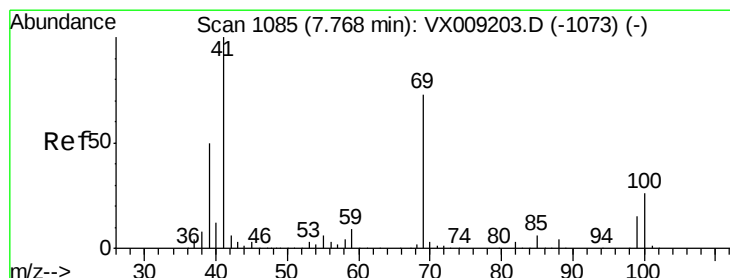
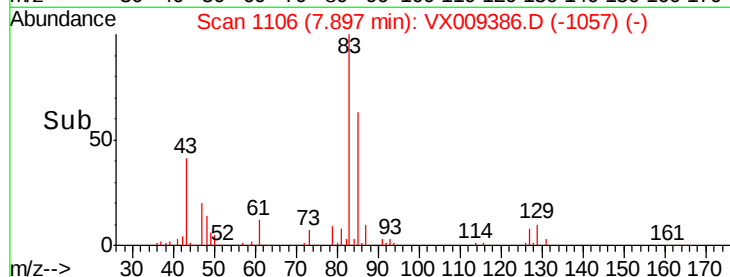
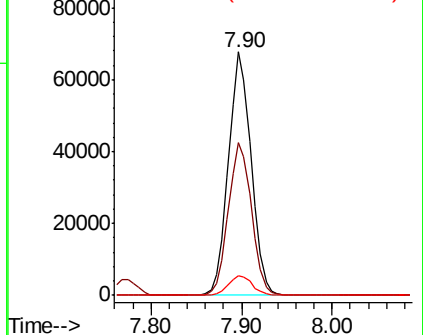
127 7.8 6.6 10.0



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: 51.293 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

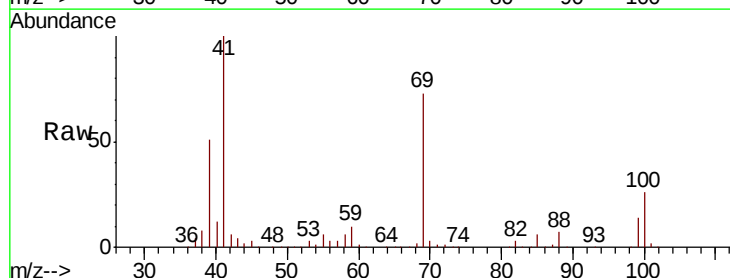
Tgt Ion: 41 Resp: 133632

Ion Ratio Lower Upper

41 100

69 73.9 59.1 88.7

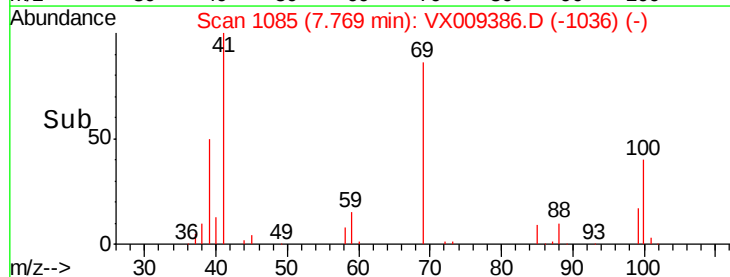
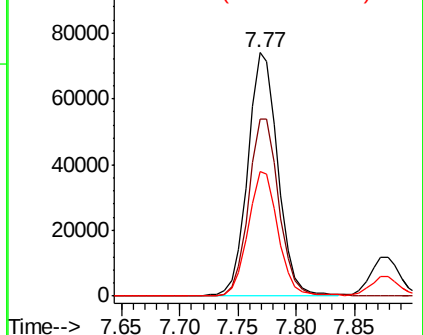
39 50.6 40.4 60.6

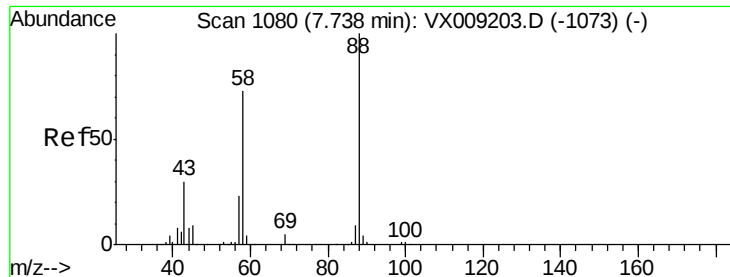


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1005.984 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

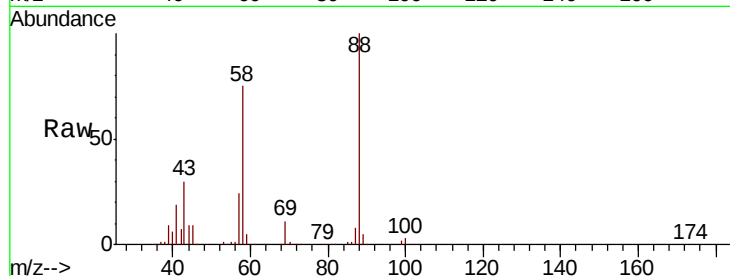
Tot Ion: 88 Resp: 53151

Ion Ratio Lower Upper

88 100

43 36.0 28.6 42.8

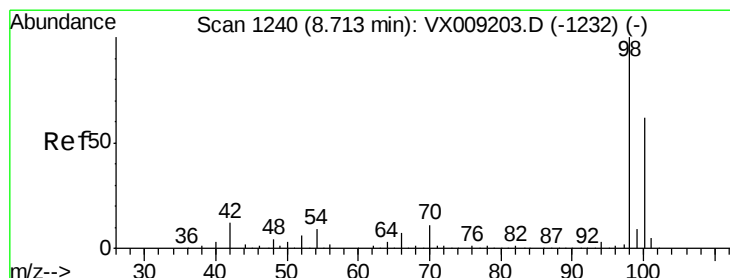
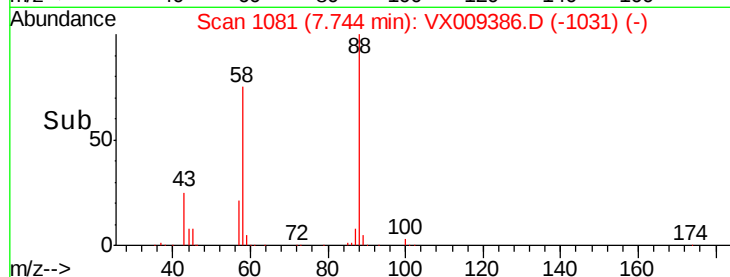
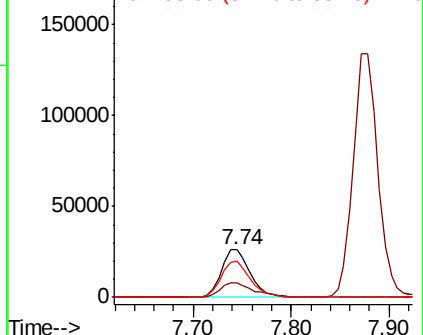
58 78.0 61.7 92.5



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



#50

Toluene-d8

Concen: 52.655 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009386.D

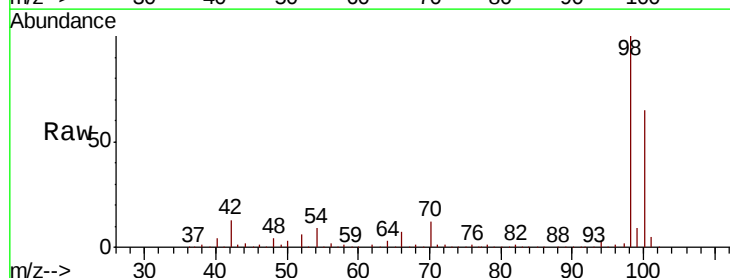
Acq: 07 May 2019 18:52

Tgt Ion: 98 Resp: 338833

Ion Ratio Lower Upper

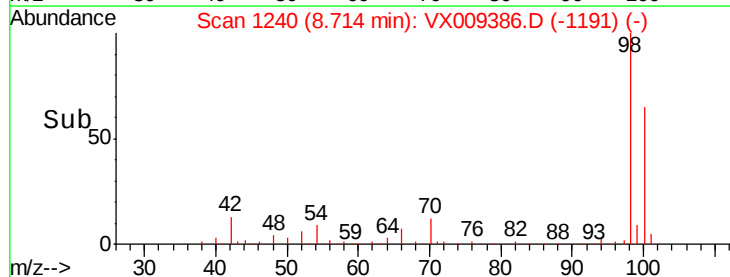
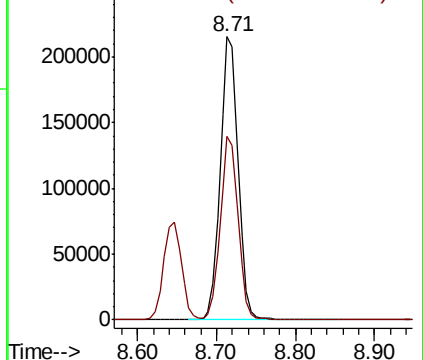
98 100

100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 269.348 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

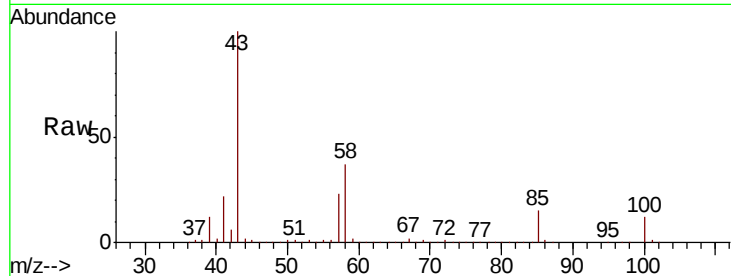
SS003RW114R-190506MSD

Tot Ion: 43 Resp: 924495

Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

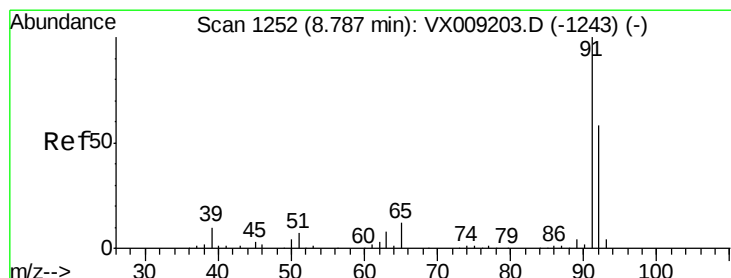
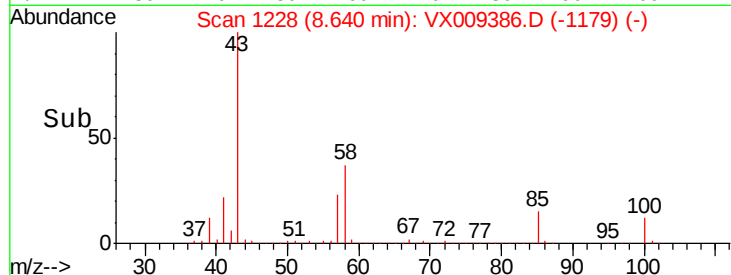
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.554 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009386.D

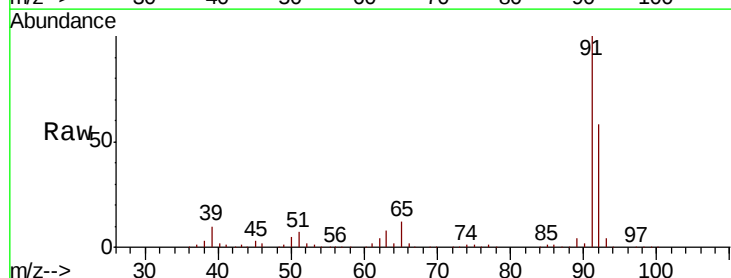
Acq: 07 May 2019 18:52

Tgt Ion: 92 Resp: 210794

Ion Ratio Lower Upper

92 100

91 171.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

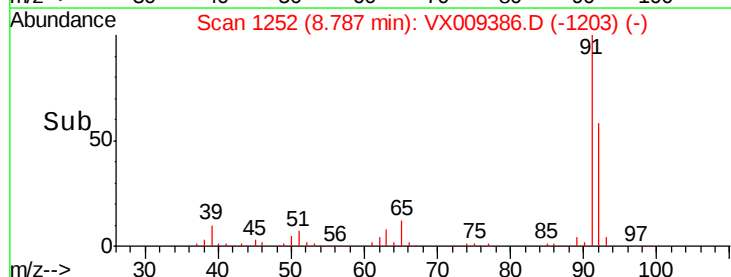
150000

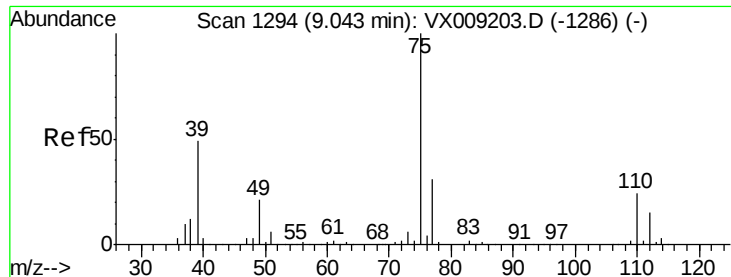
100000

50000

0

Time-->

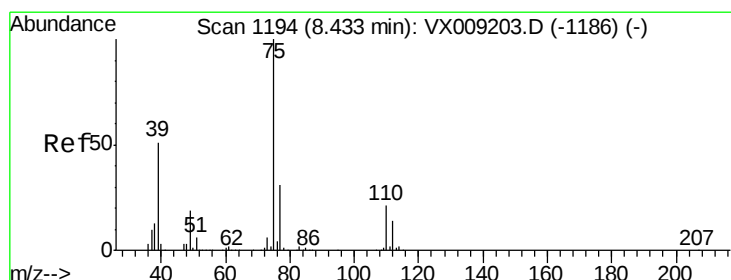
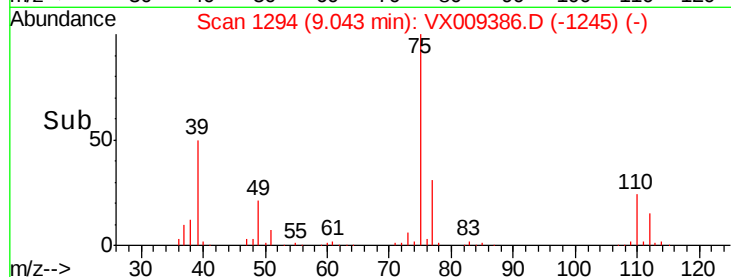
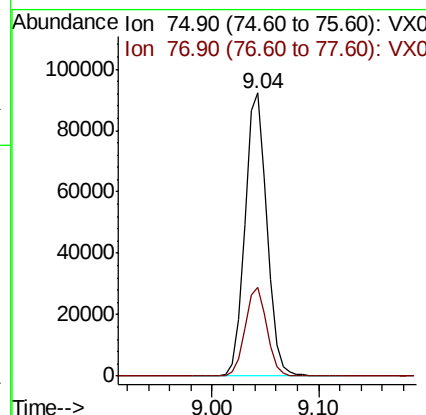
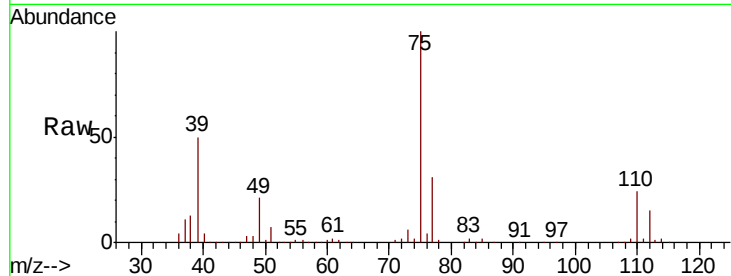




#53
t-1,3-Dichloropropene
Concen: 49.389 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

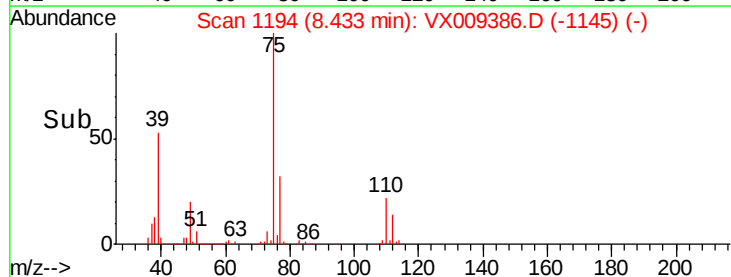
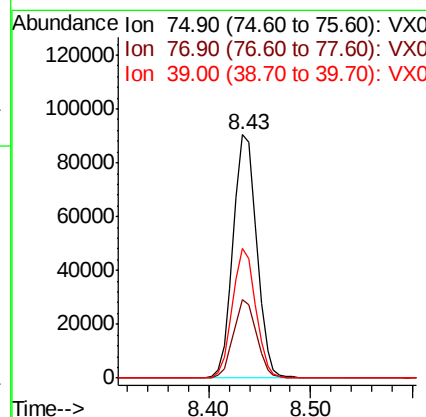
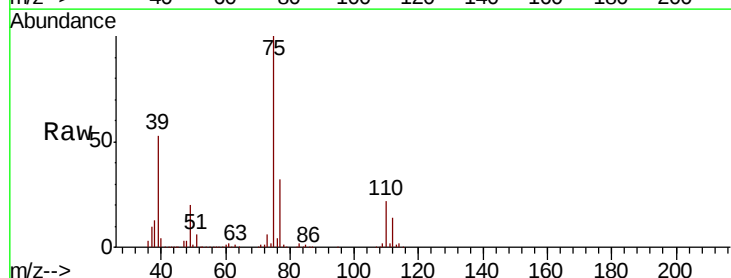
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

Tot Ion: 75 Resp: 133372
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.539 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 75 Resp: 145081
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 53.1 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 48.795 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

Tot Ion: 97 Resp: 88243

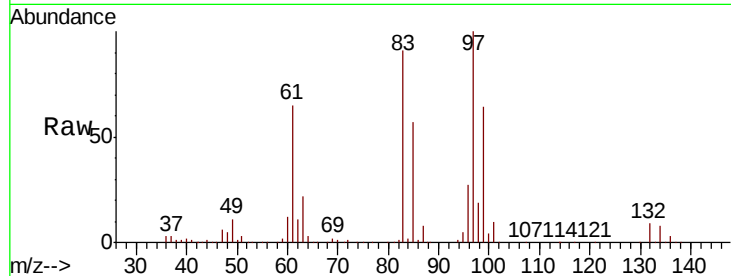
Ion Ratio Lower Upper

97 100

83 90.8 68.9 103.3

85 57.3 43.8 65.6

99 64.4 48.2 72.2

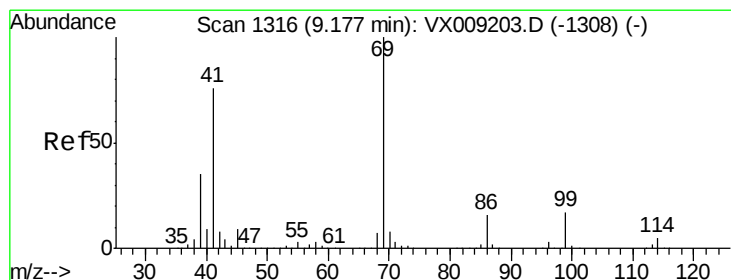
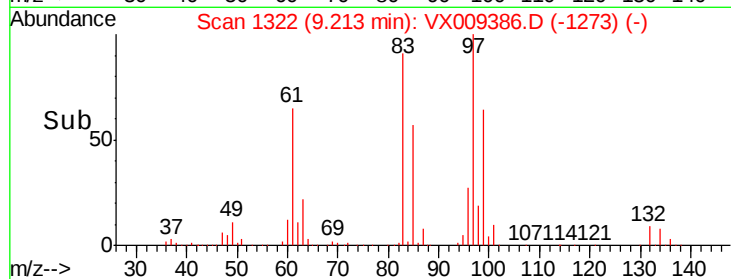
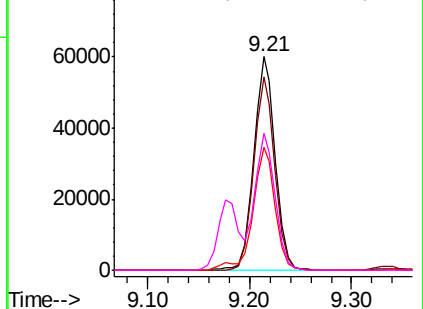


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.969 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

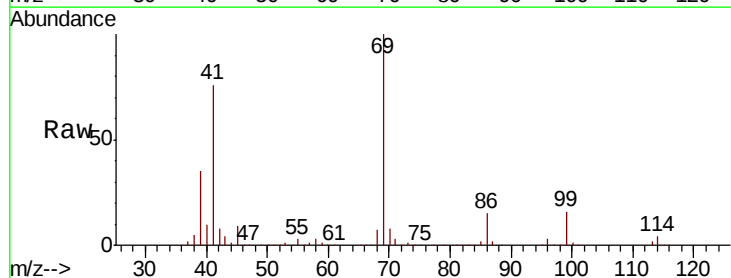
Tgt Ion: 69 Resp: 164537

Ion Ratio Lower Upper

69 100

41 75.6 60.6 90.8

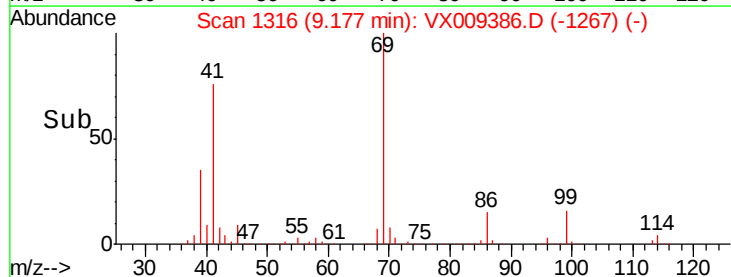
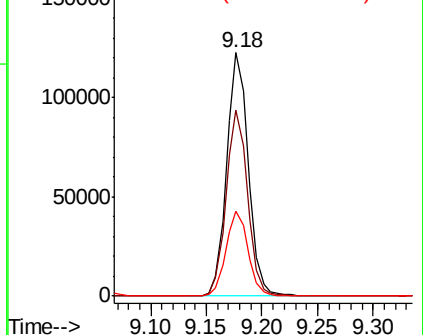
39 35.5 28.2 42.4

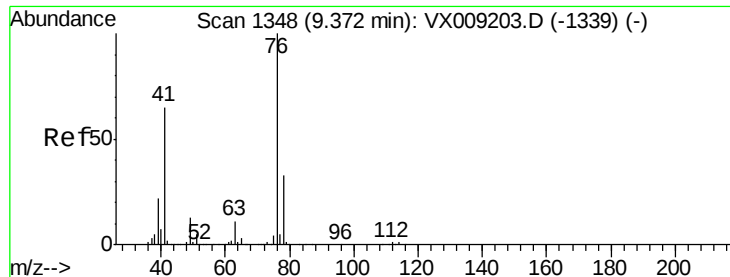


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

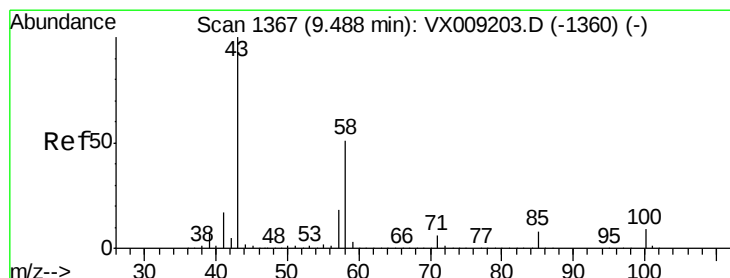
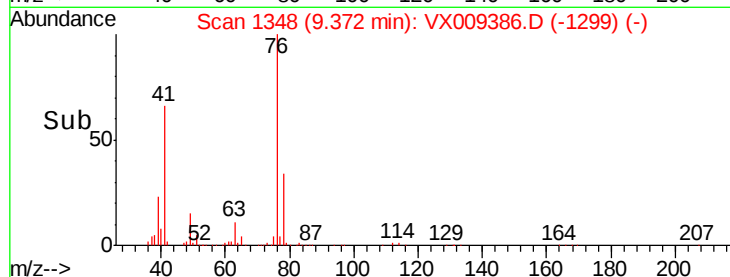
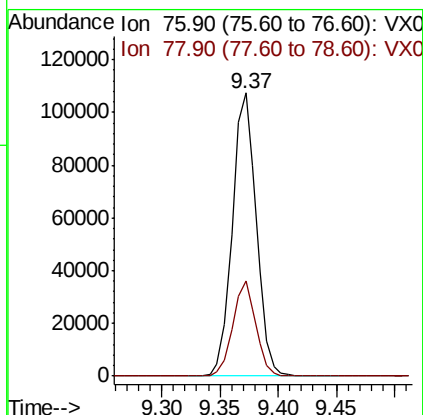
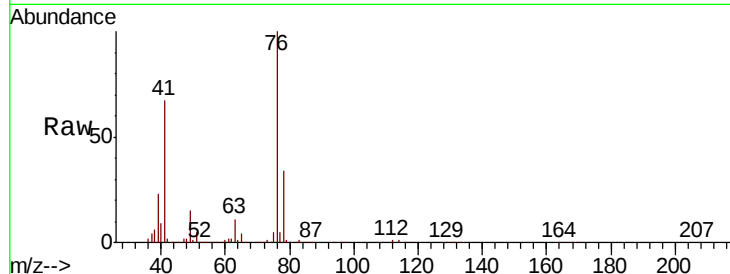




#57
 1,3-Dichloropropane
 Concen: 48.361 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

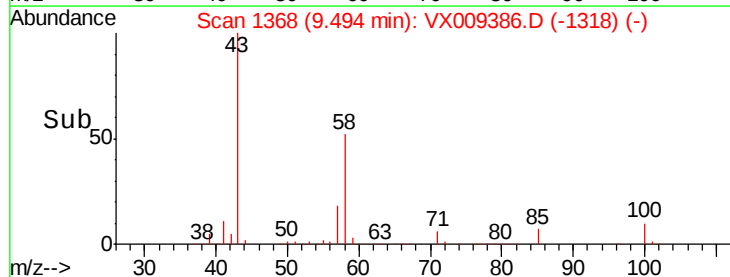
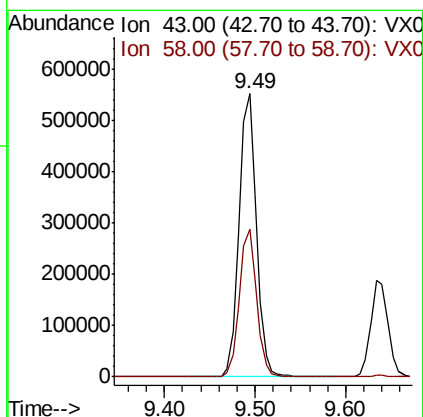
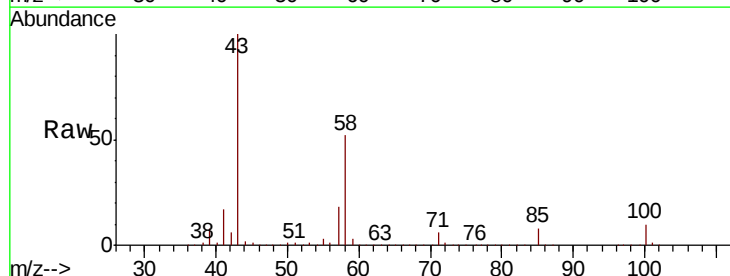
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

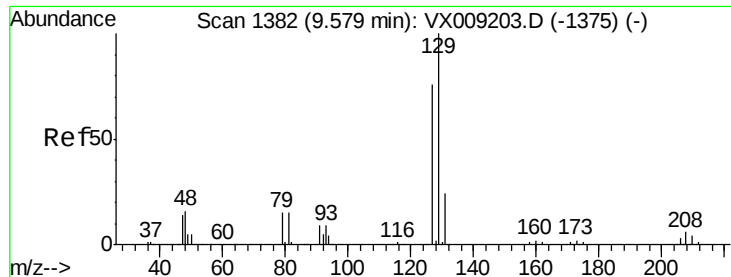
Tot Ion: 76 Resp: 153904
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#59
 2-Hexanone
 Concen: 272.377 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion: 43 Resp: 734252
 Ion Ratio Lower Upper
 43 100
 58 51.6 25.9 77.7





#60

Dibromochloromethane

Concen: 50.296 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

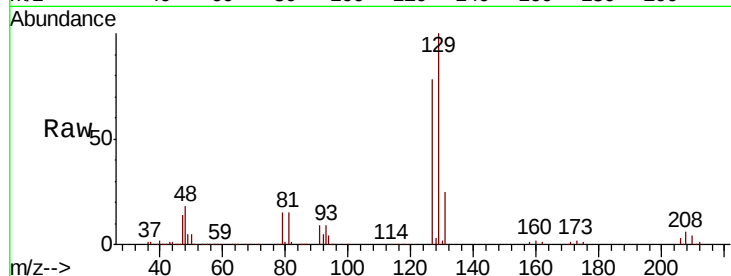
SS003RW114R-190506MSD

Tot Ion:129 Resp: 88837

Ion Ratio Lower Upper

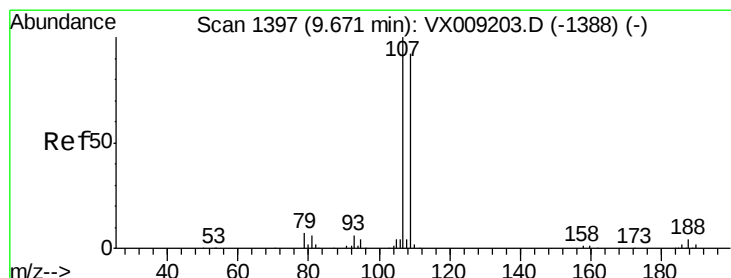
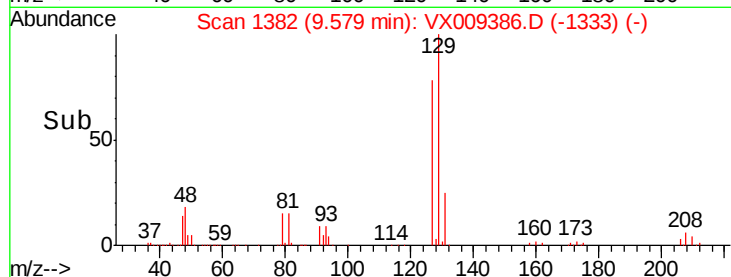
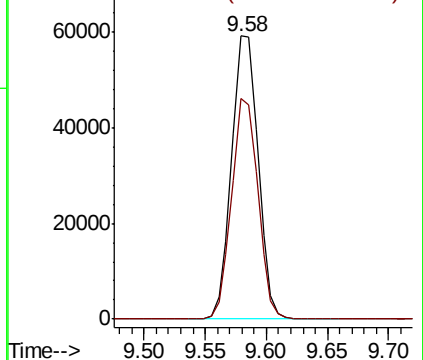
129 100

127 77.4 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: 49.686 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009386.D

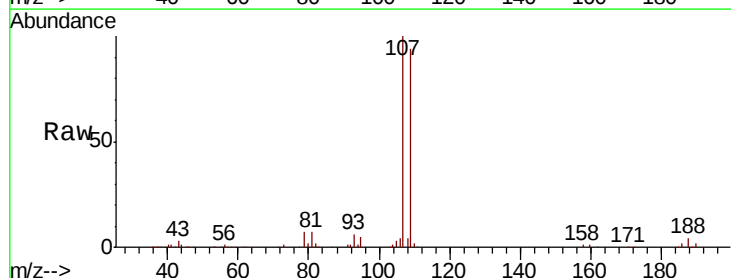
Acq: 07 May 2019 18:52

Tgt Ion:107 Resp: 90702

Ion Ratio Lower Upper

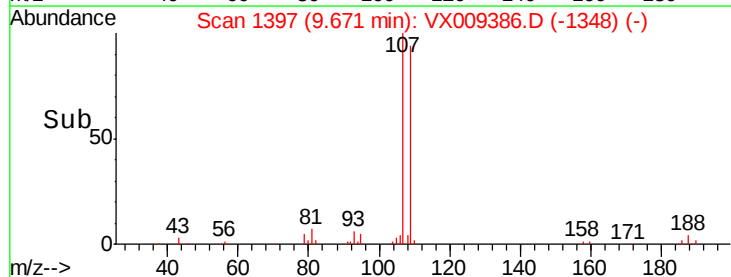
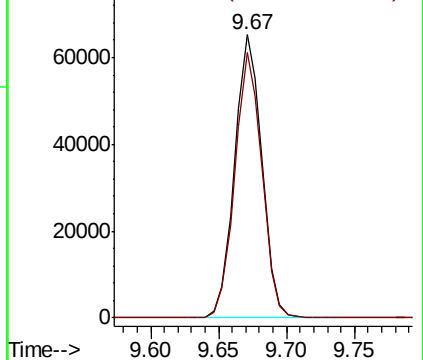
107 100

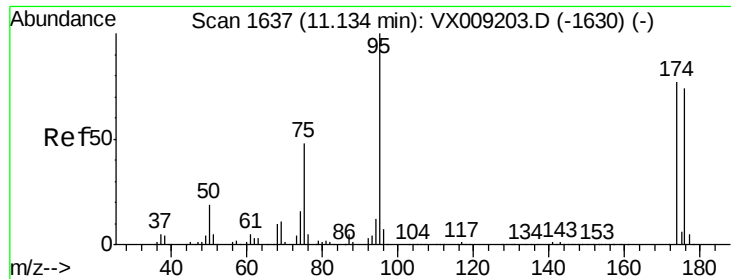
109 93.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 54.002 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

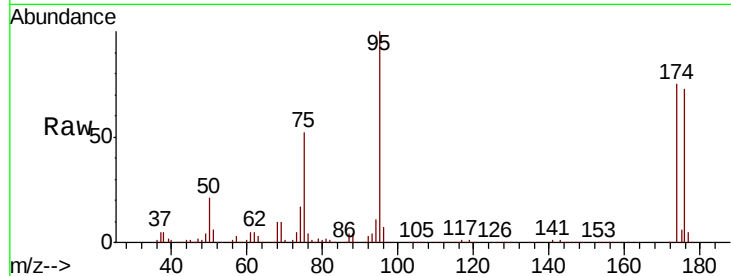
Tot Ion: 95 Resp: 126268

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

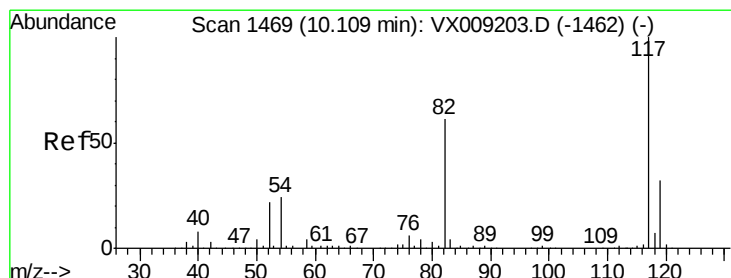
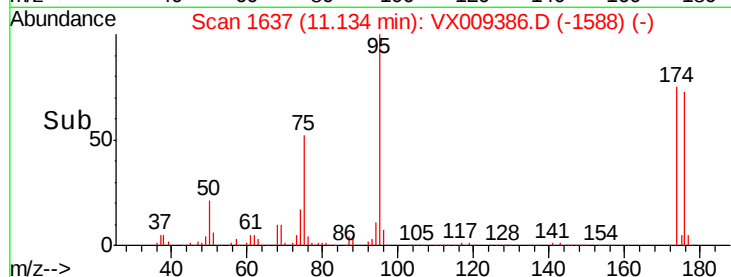
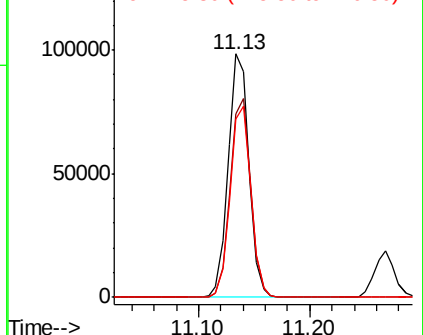
176 78.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009386.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009386.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009386.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

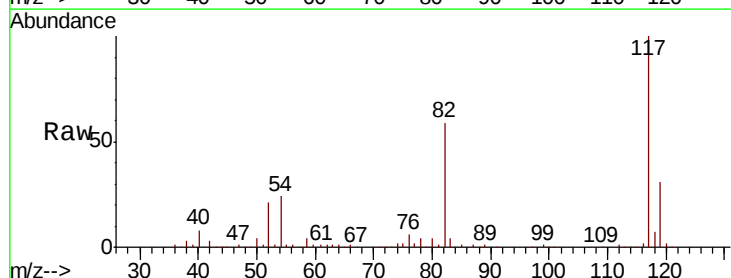
Tgt Ion: 117 Resp: 231873

Ion Ratio Lower Upper

117 100

82 59.5 48.8 73.2

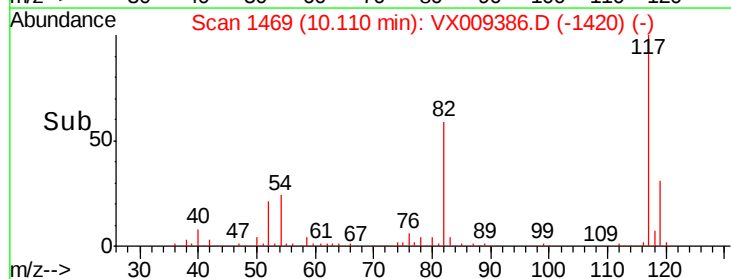
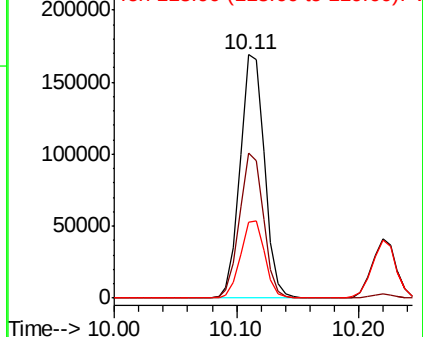
119 31.4 25.8 38.6

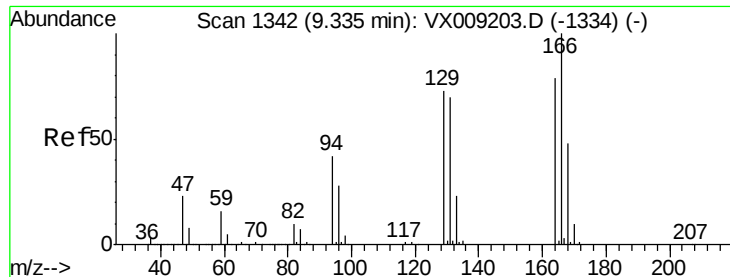


Abundance Ion 116.90 (116.60 to 117.60): VX009386.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009386.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009386.D (-1420) (-)

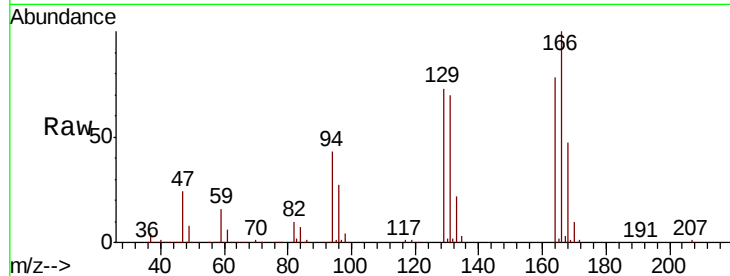




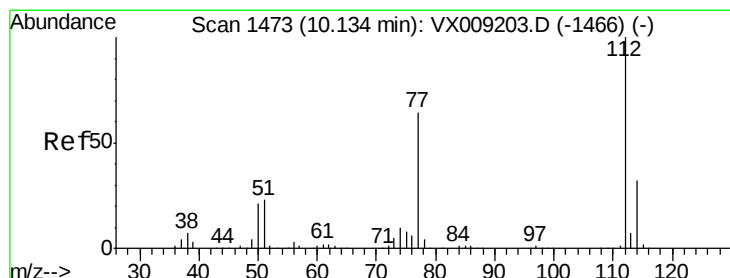
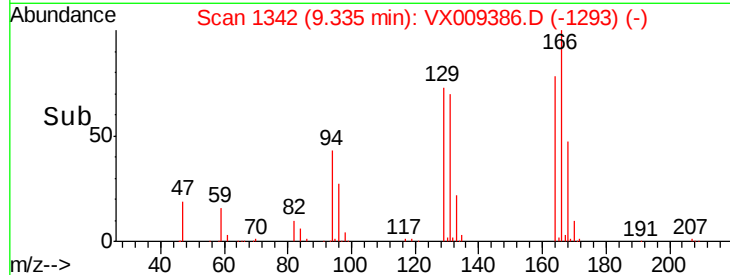
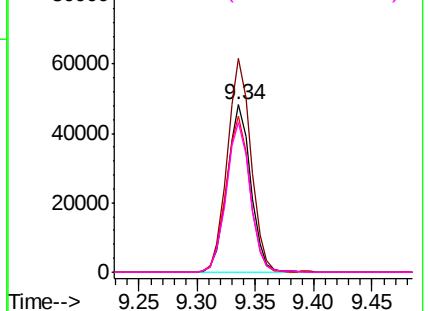
#64
Tetrachloroethene
Concen: 42.897 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

Tot Ion:164 Resp: 68230
Ion Ratio Lower Upper
164 100
166 127.8 101.2 151.8
129 93.4 74.3 111.5
131 89.4 71.0 106.6

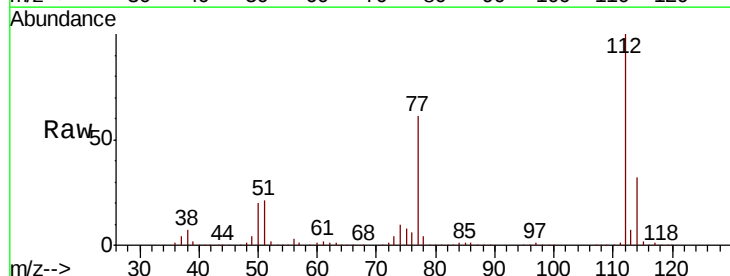


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

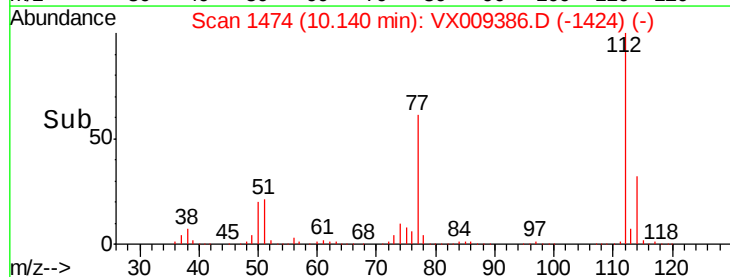
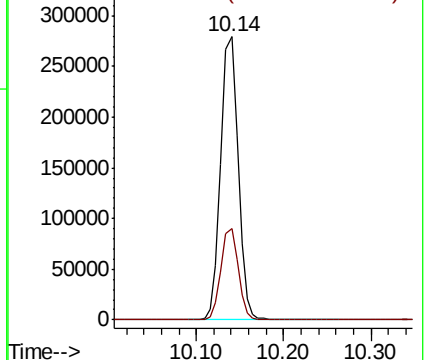


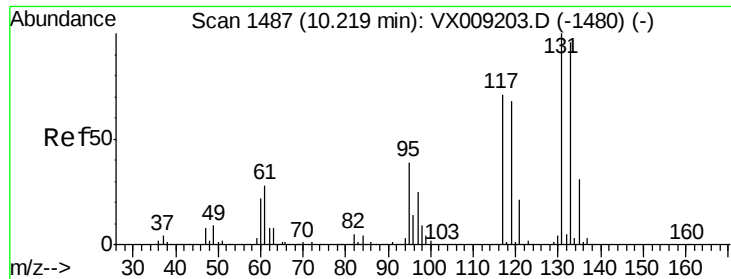
#65
Chlorobenzene
Concen: 83.378 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion:112 Resp: 386749
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

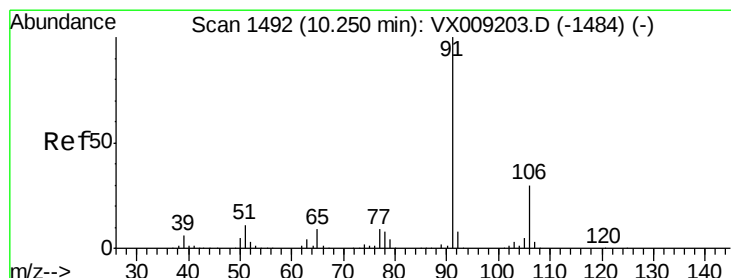
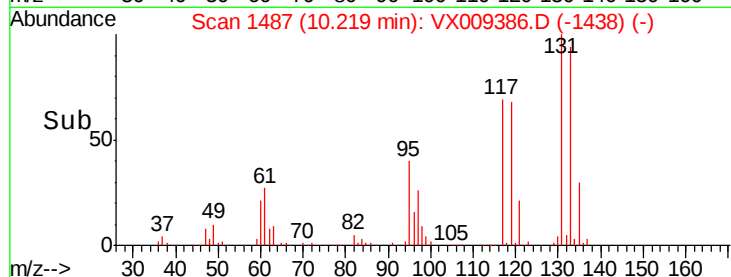
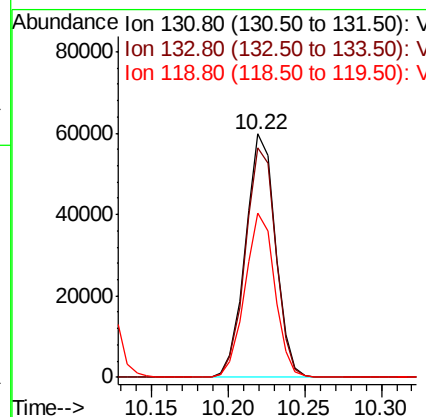
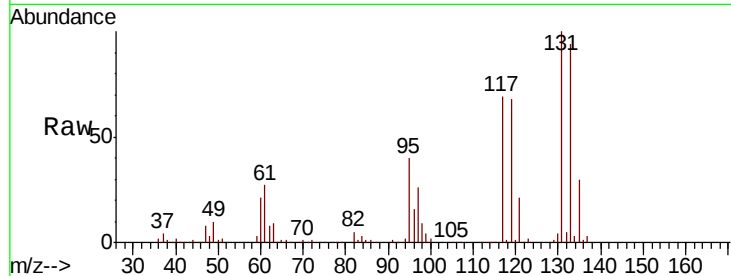




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.354 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

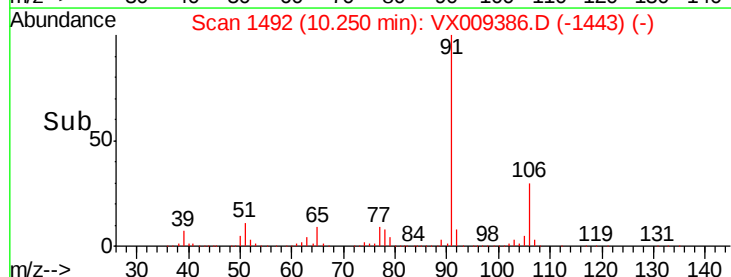
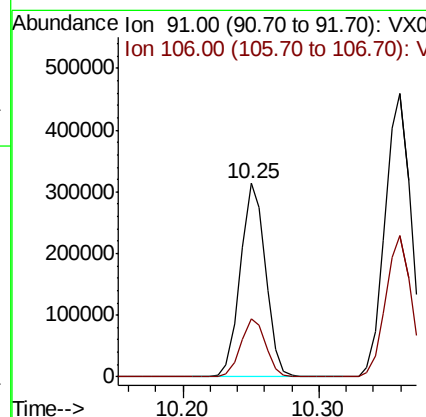
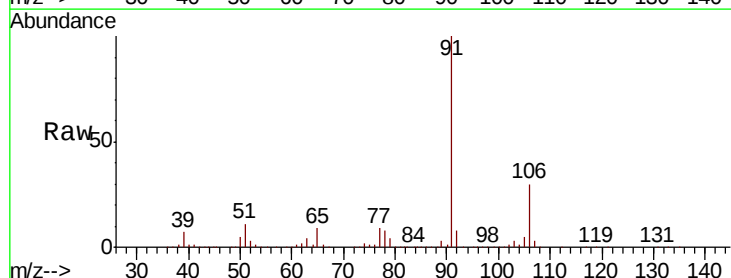
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

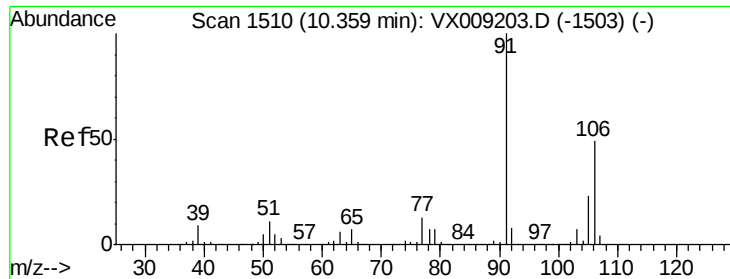
Tot Ion:131 Resp: 81315
 Ion Ratio Lower Upper
 131 100
 133 95.7 47.7 143.1
 119 67.3 33.5 100.4



#67
 Ethyl Benzene
 Concen: 47.382 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion: 91 Resp: 404478
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.0 36.0

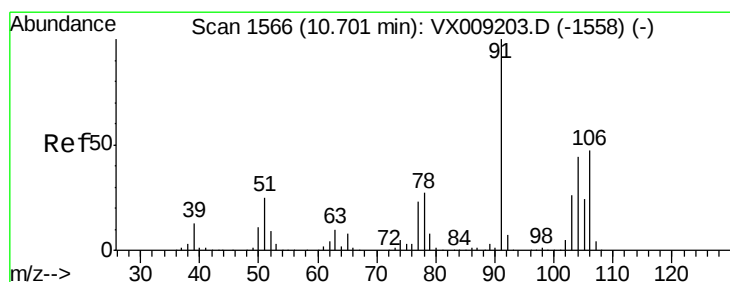
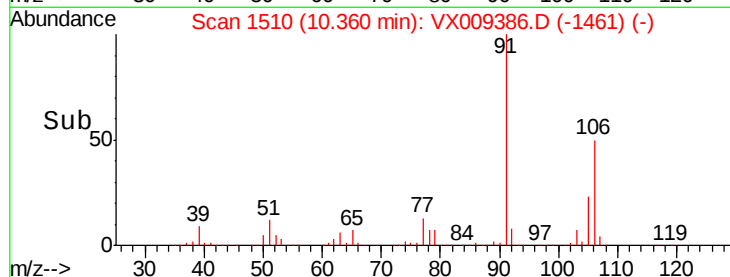
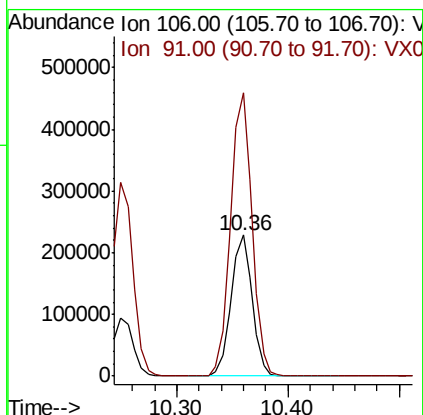
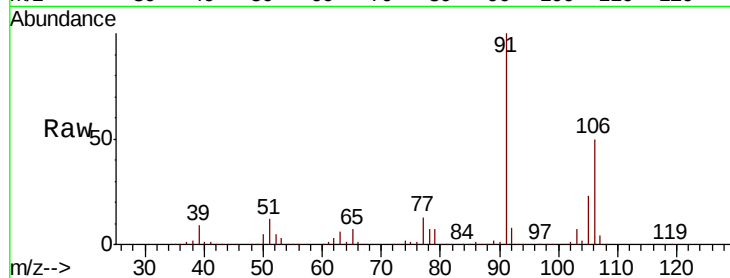




#68
m/p-Xylenes
Concen: 95.883 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

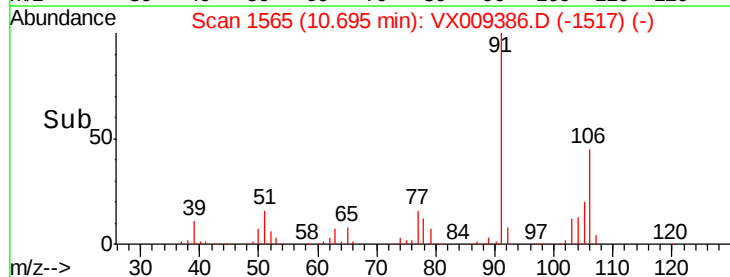
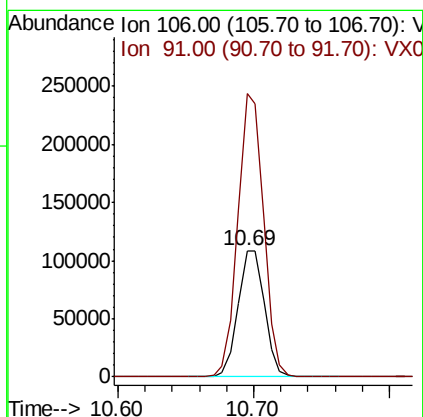
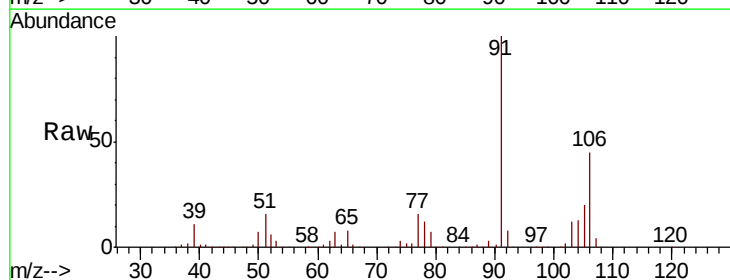
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

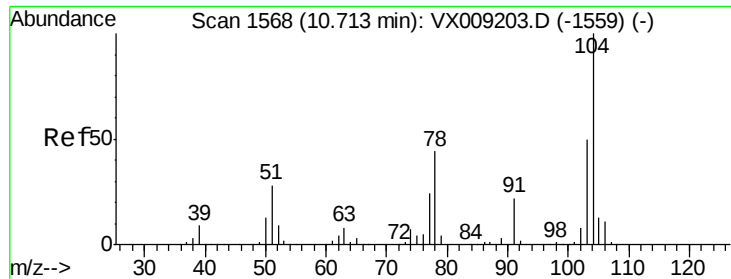
Tot Ion:106 Resp: 299111
Ion Ratio Lower Upper
106 100
91 204.6 164.0 246.0



#69
o-Xylene
Concen: 47.761 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion:106 Resp: 147004
Ion Ratio Lower Upper
106 100
91 218.2 109.5 328.4

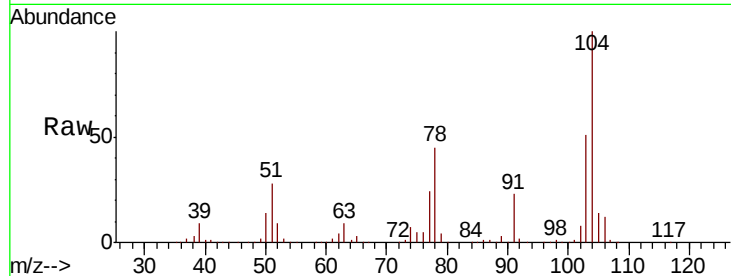




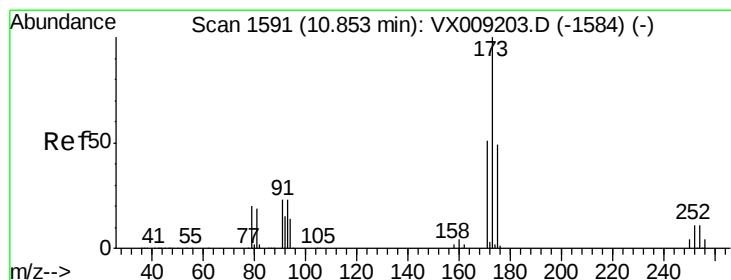
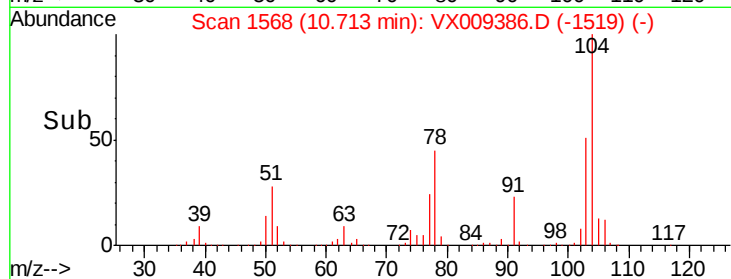
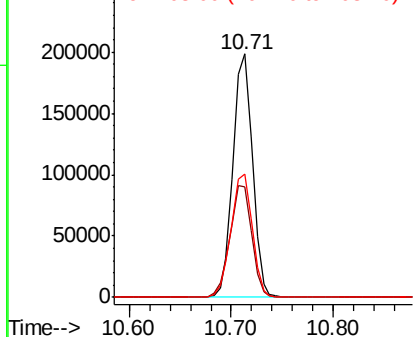
#70
Stvrene
Concen: 48.953 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

Tot Ion:104 Resp: 261878
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 55.5 43.8 65.6

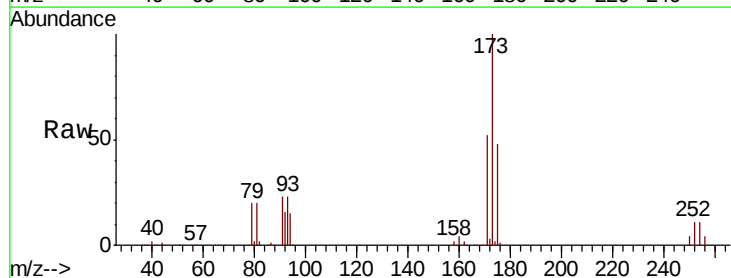


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

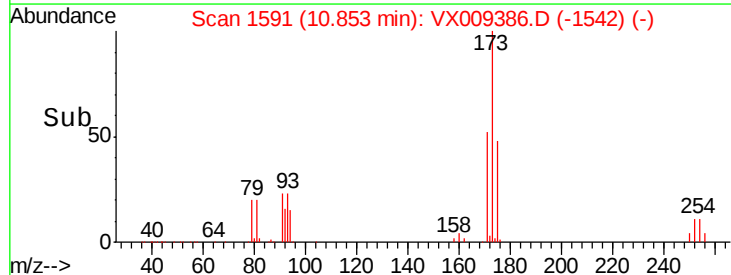
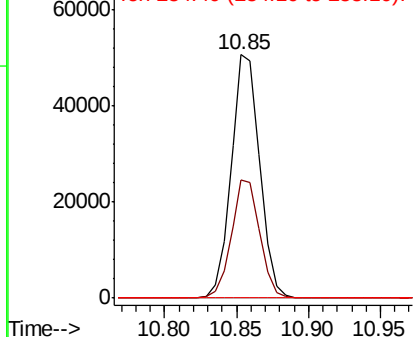


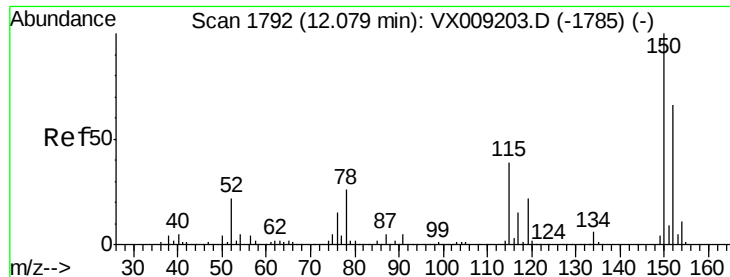
#71
Bromoform
Concen: 51.416 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion:173 Resp: 70265
Ion Ratio Lower Upper
173 100
175 48.3 24.5 73.5
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

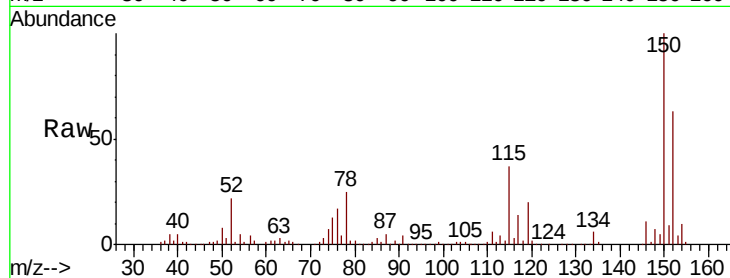
Tot Ion:152 Resp: 117134

Ion Ratio Lower Upper

152 100

115 79.3 41.2 123.6

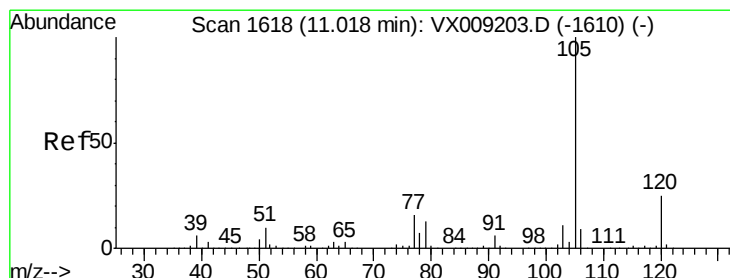
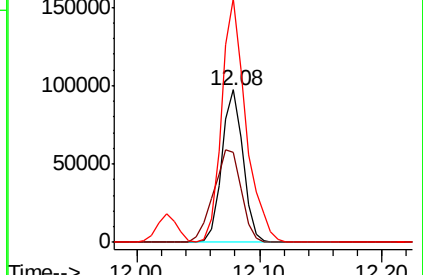
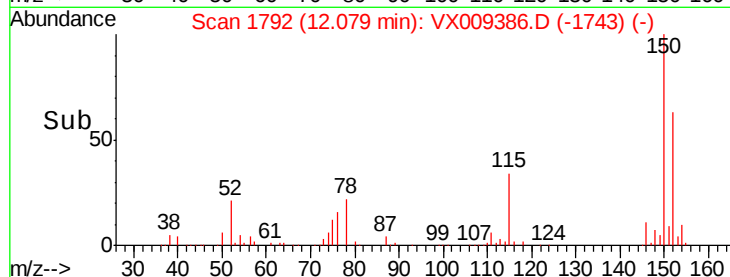
150 181.5 0.0 346.4



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: 45.943 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009386.D

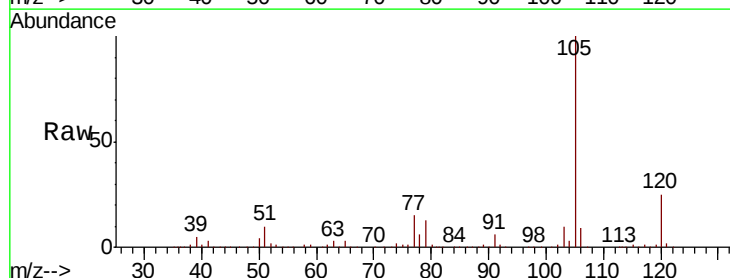
Acq: 07 May 2019 18:52

Tgt Ion:105 Resp: 391331

Ion Ratio Lower Upper

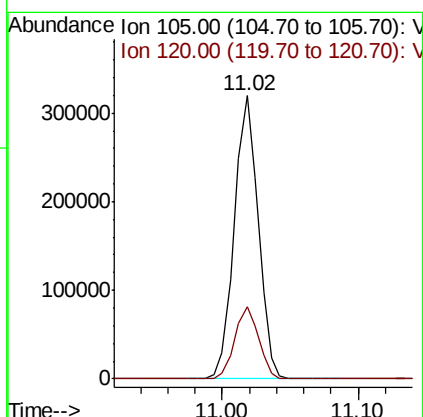
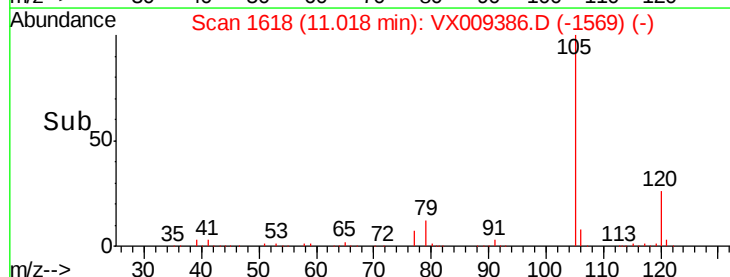
105 100

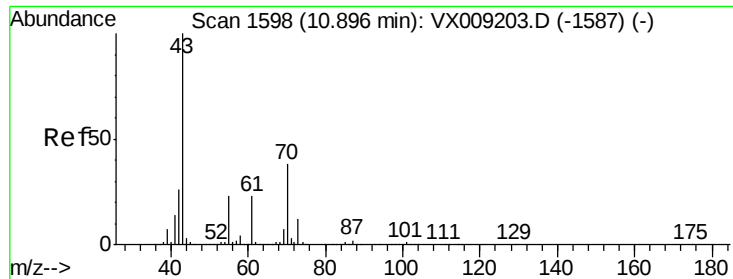
120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.408 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

Tot Ion: 43 Resp: 250325

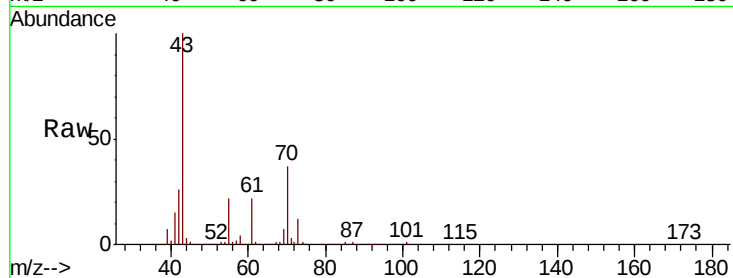
Ion Ratio Lower Upper

43 100

70 37.0 30.0 45.0

55 22.6 17.9 26.9

61 22.3 18.4 27.6

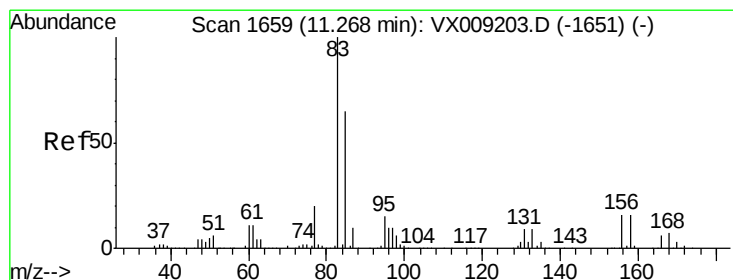
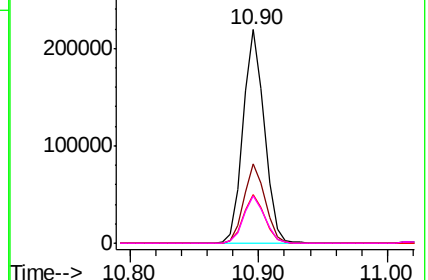
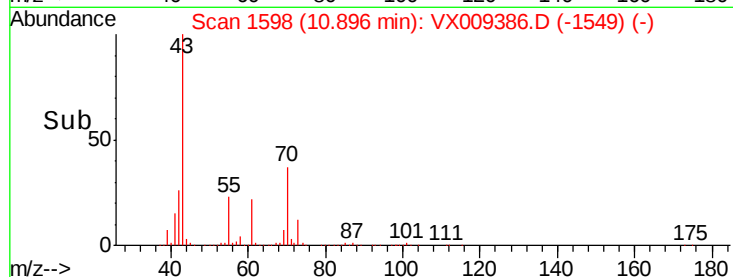


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.191 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

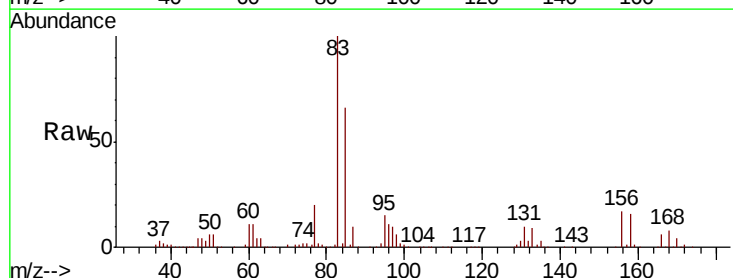
Tgt Ion: 83 Resp: 159374

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

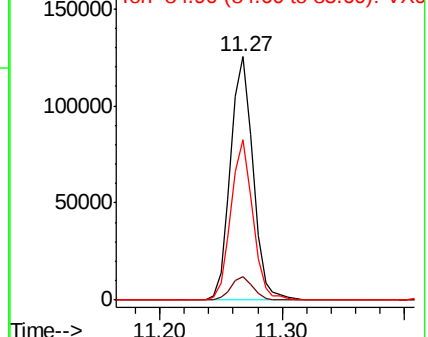
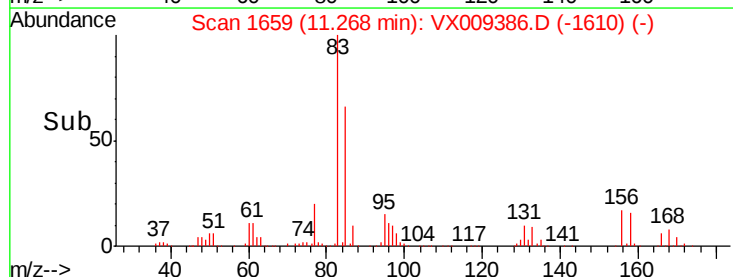
85 64.0 32.0 96.2

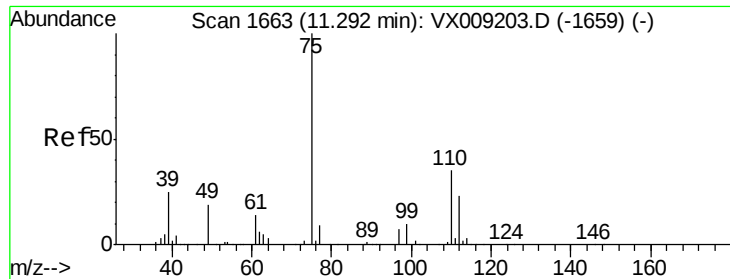


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

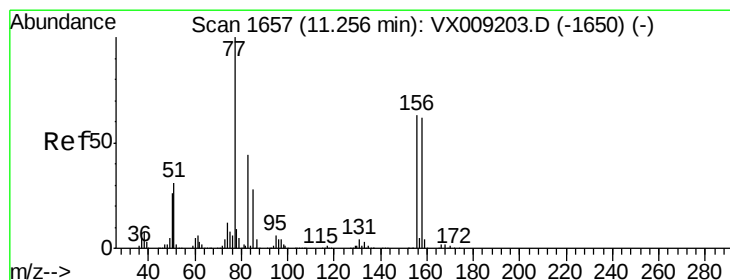
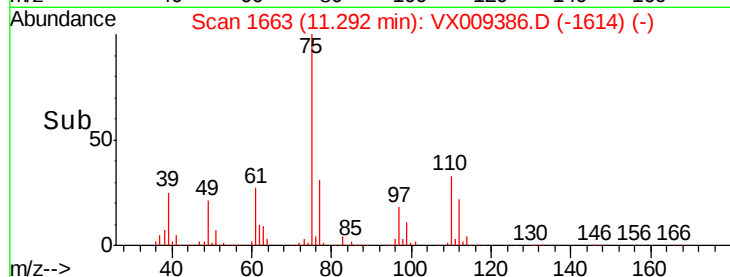
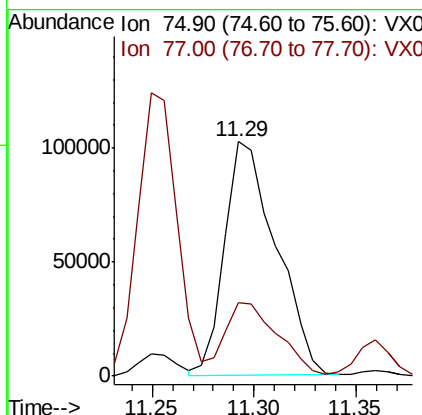
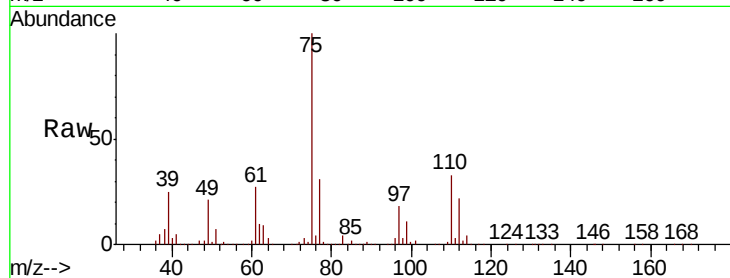




#76
 1,2,3-Trichloropropane
 Concen: 66.180 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

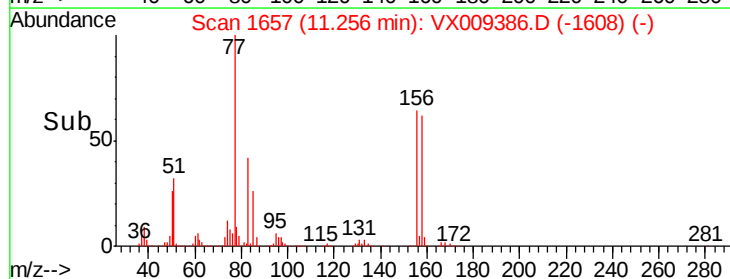
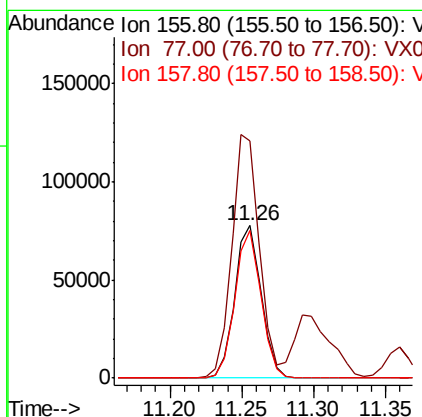
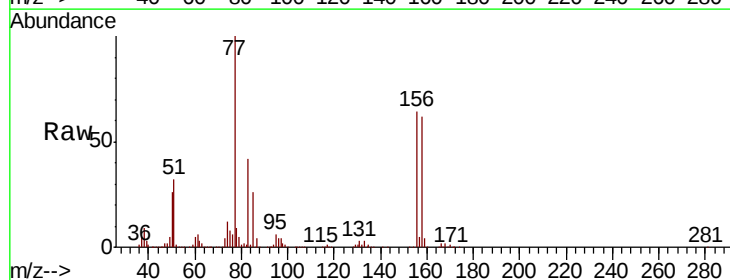
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

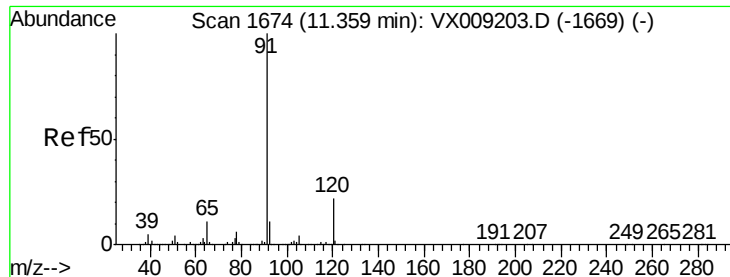
Tot Ion: 75 Resp: 179816
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.1 66.1



#77
 Bromobenzene
 Concen: 47.205 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion: 156 Resp: 99799
 Ion Ratio Lower Upper
 156 100
 77 165.7 84.8 254.3
 158 95.8 49.1 147.3





#78

n-propylbenzene

Concen: 46.179 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

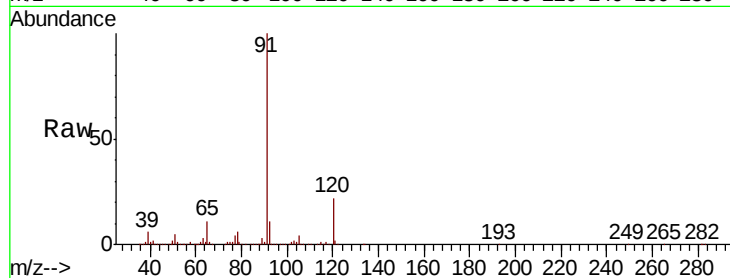
SS003RW114R-190506MSD

Tot Ion: 91 Resp: 449224

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

400000

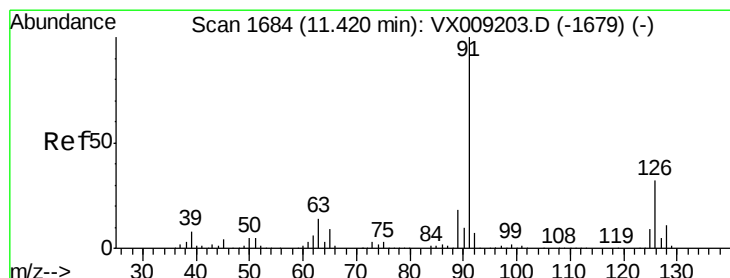
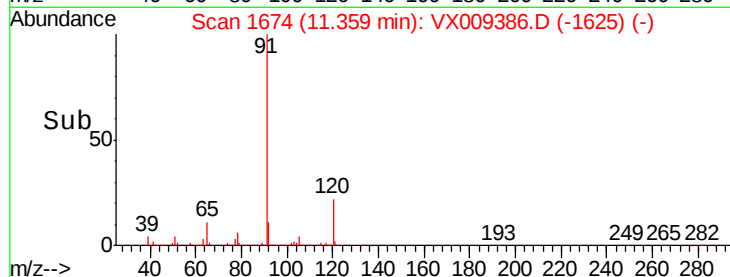
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 45.317 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009386.D

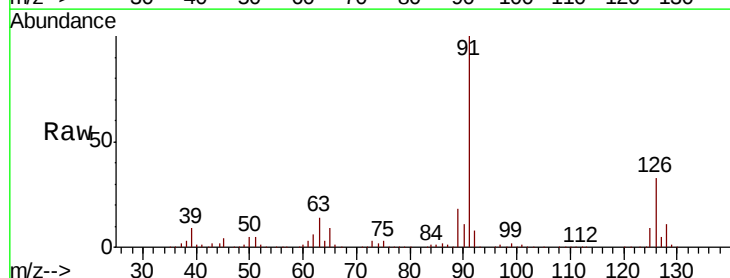
Acq: 07 May 2019 18:52

Tgt Ion: 91 Resp: 271976

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

400000

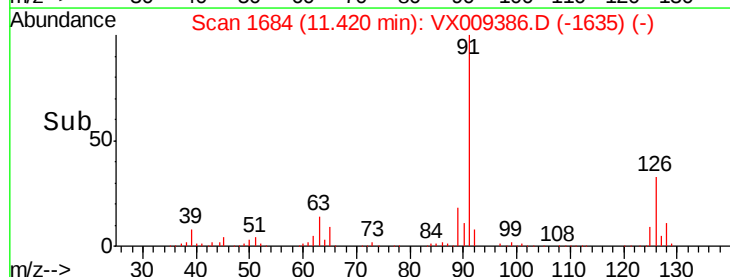
300000

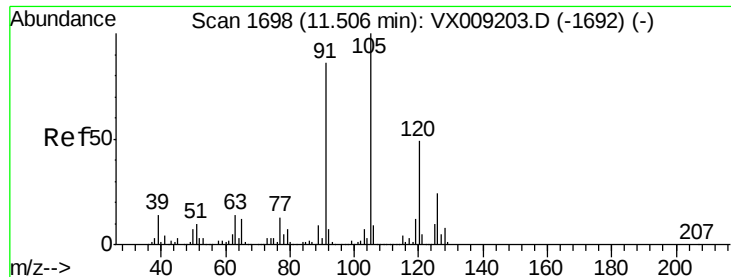
200000

100000

0

Time--> 11.40 11.45

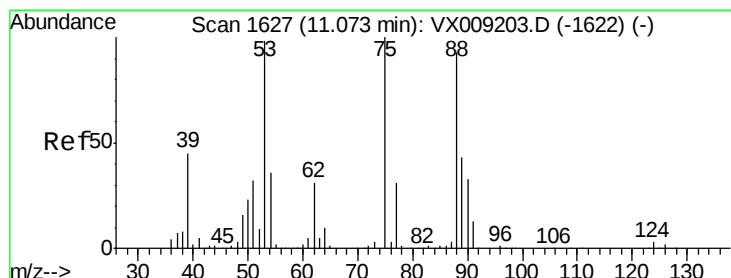
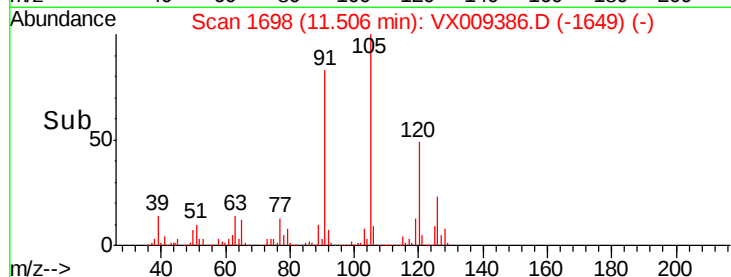
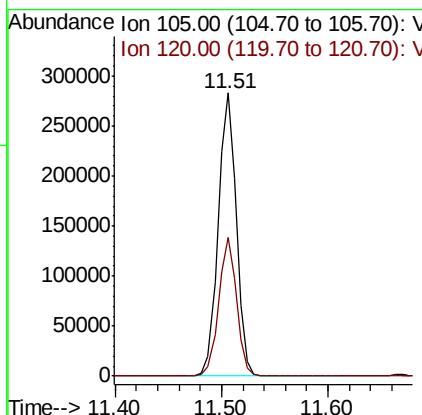
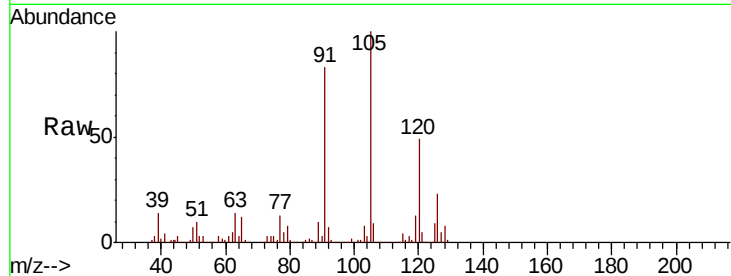




#80
 1,3,5-Trimethylbenzene
 Concen: 46.561 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

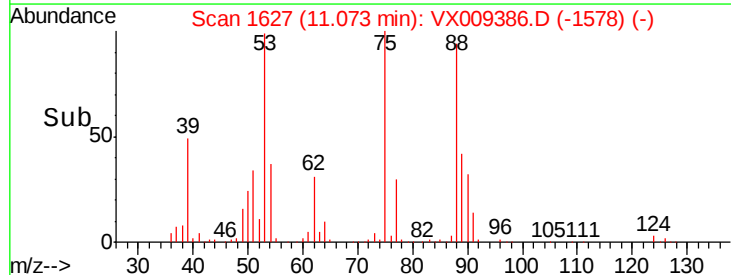
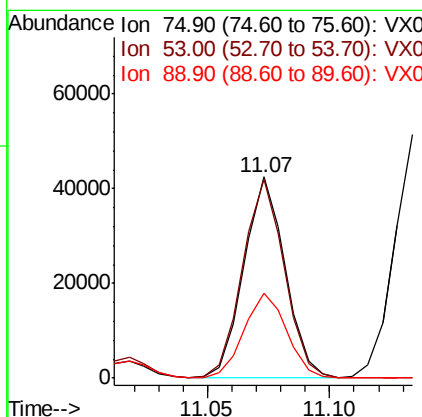
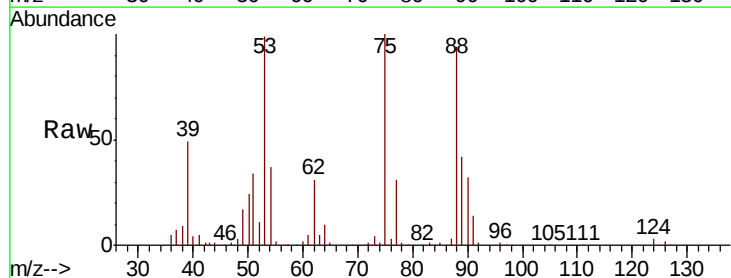
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

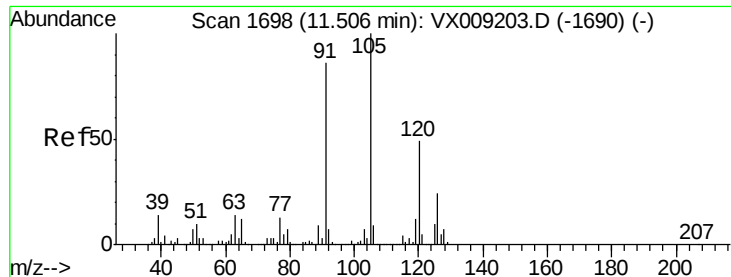
Tot Ion:105 Resp: 333935
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.581 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion: 75 Resp: 49466
 Ion Ratio Lower Upper
 75 100
 53 100.6 79.0 118.6
 89 43.9 34.7 52.1

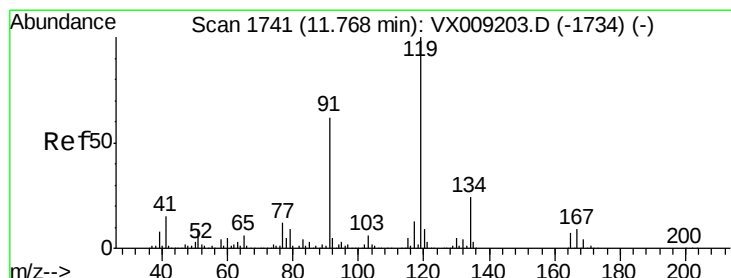
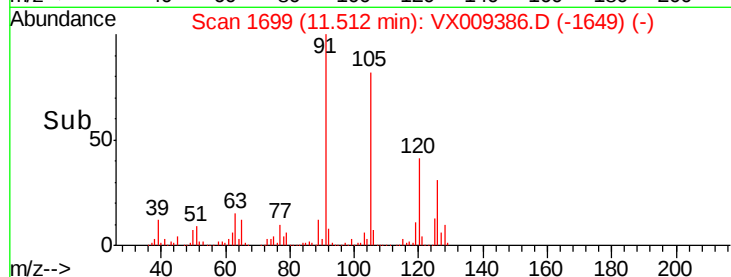
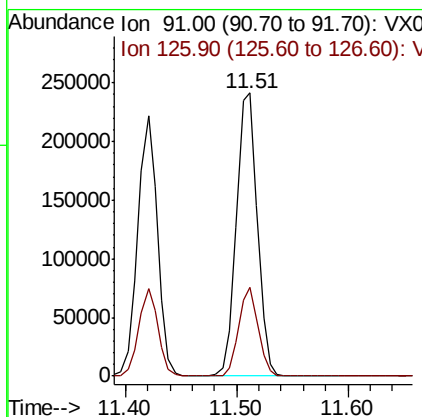
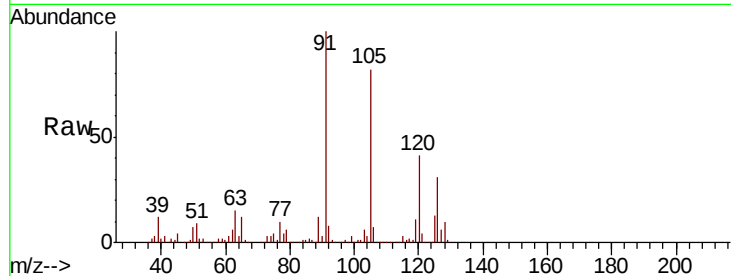




#82
4-Chlorotoluene
Concen: 46.327 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

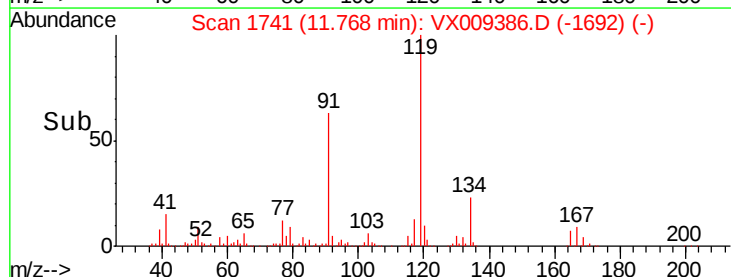
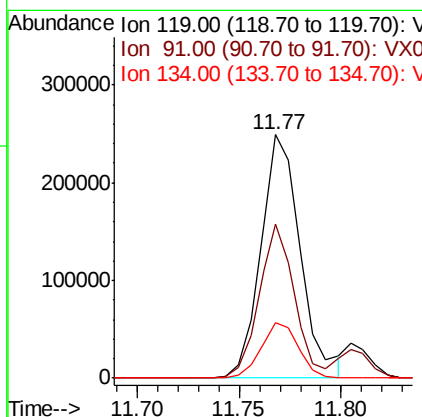
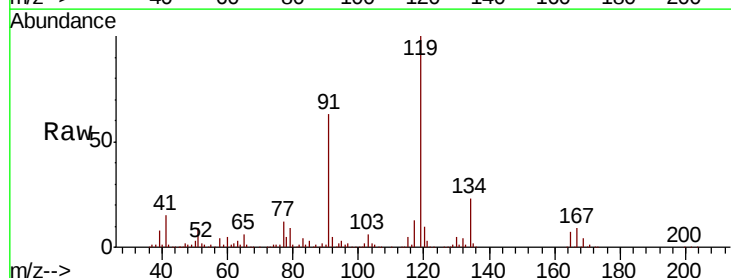
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

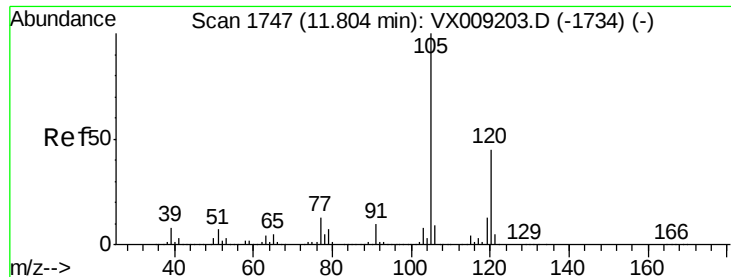
Tot Ion: 91 Resp: 314101
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.6



#83
tert-Butylbenzene
Concen: 48.019 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion: 119 Resp: 335028
Ion Ratio Lower Upper
119 100
91 56.6 29.5 88.5
134 21.7 11.4 34.1

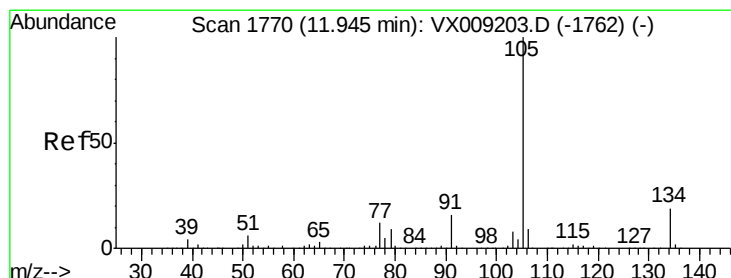
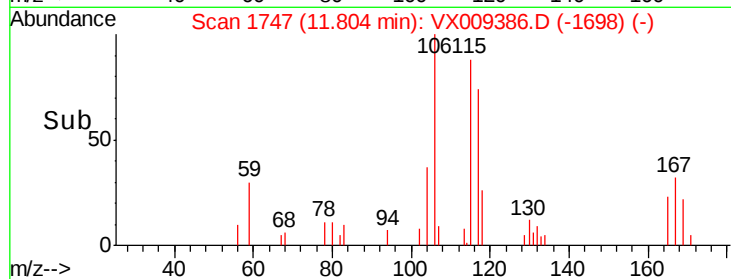
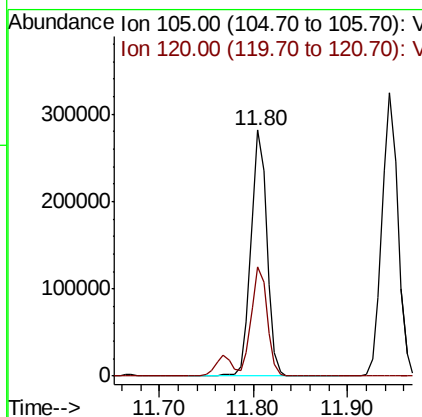
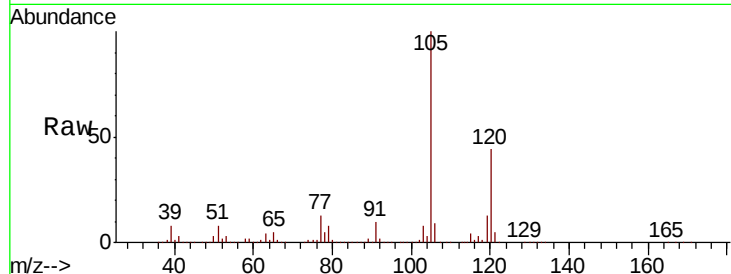




#84
1,2,4-Trimethylbenzene
Concen: 46.545 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

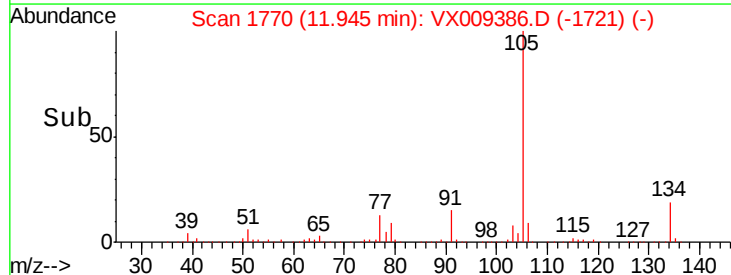
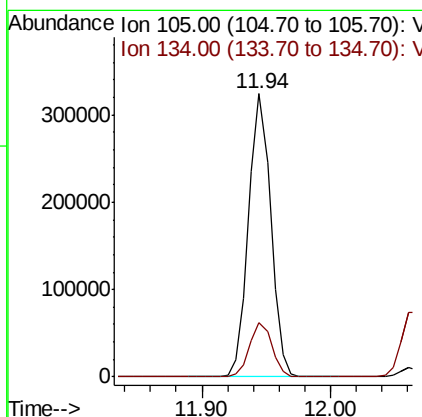
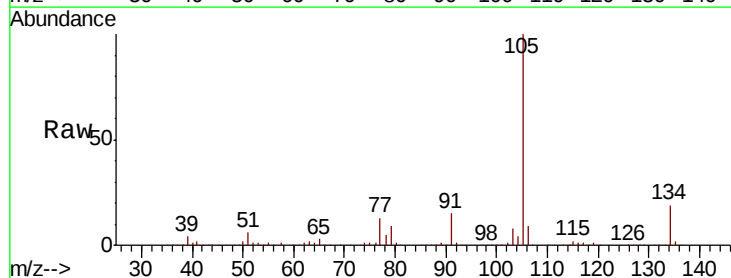
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

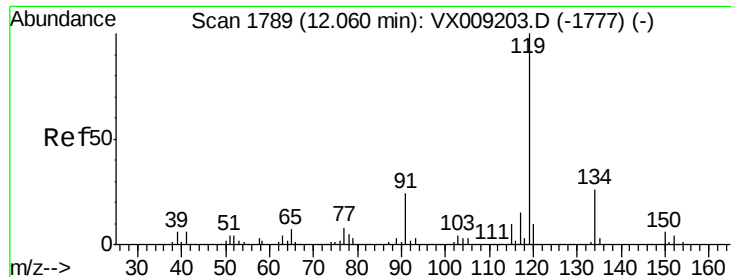
Tot Ion:105 Resp: 335074
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 46.320 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion:105 Resp: 383145
Ion Ratio Lower Upper
105 100
134 19.2 9.7 28.9

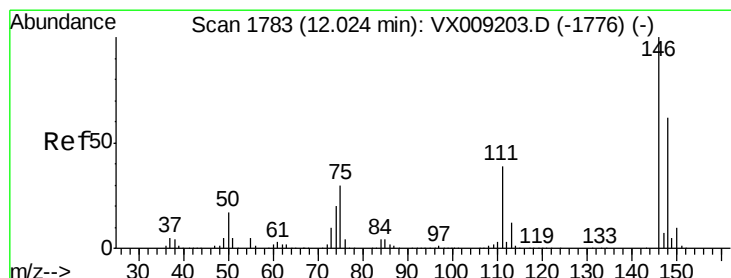
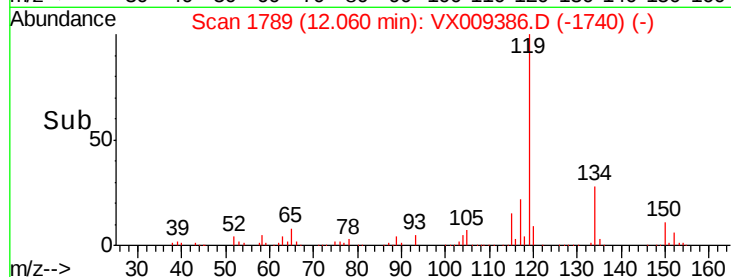
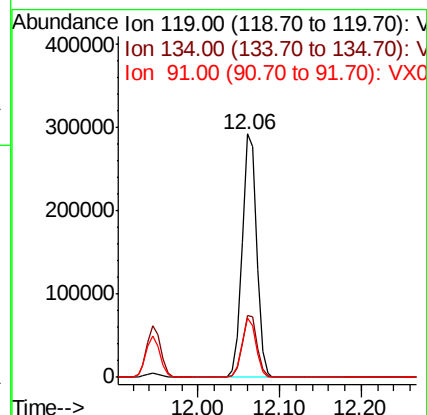
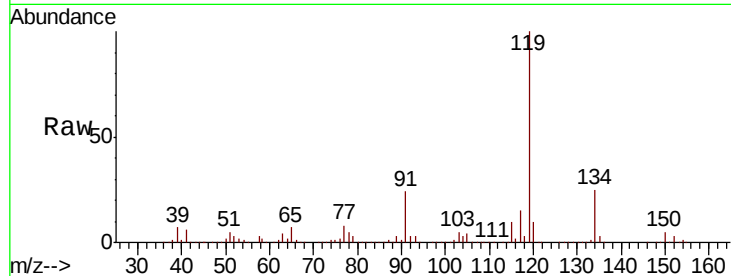




#86
 p-Isopropyltoluene
 Concen: 47.107 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

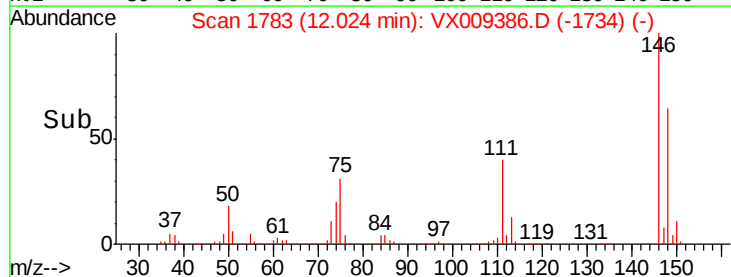
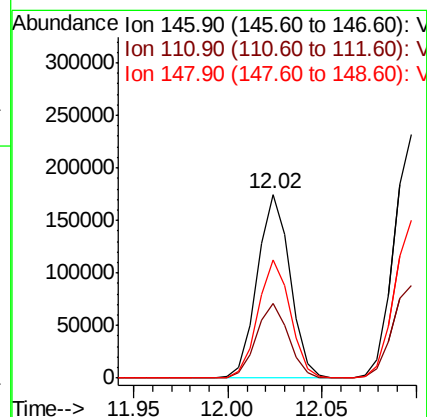
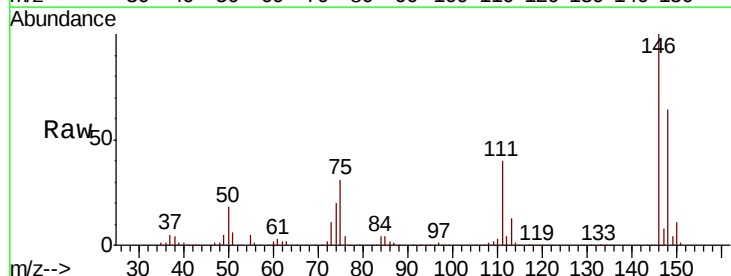
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

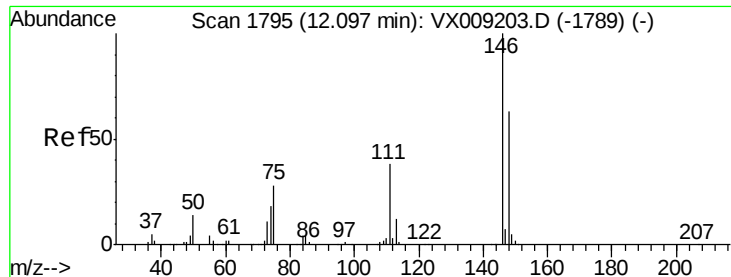
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	23.4	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 55.844 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.2	31.8	95.3

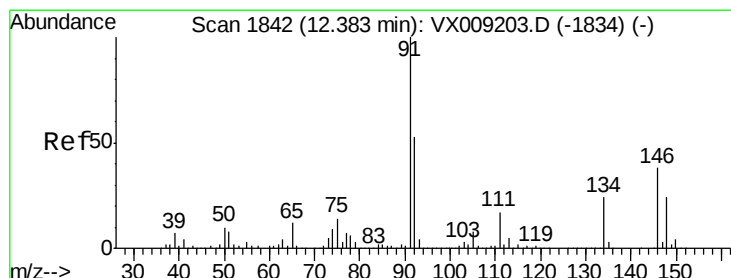
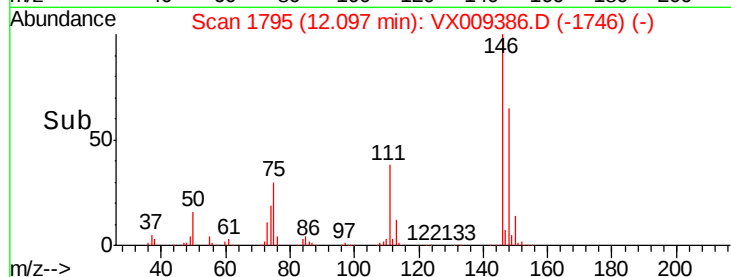
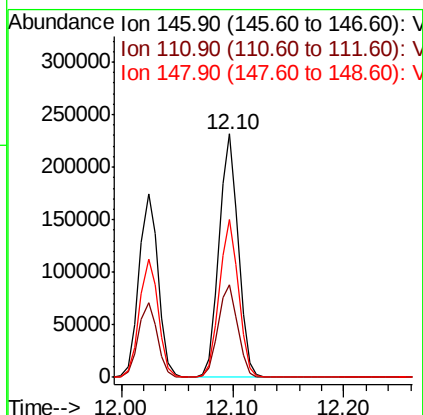
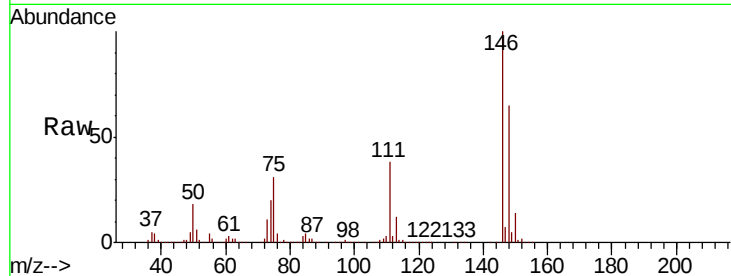




#88
 1,4-Dichlorobenzene
 Concen: 72.554 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

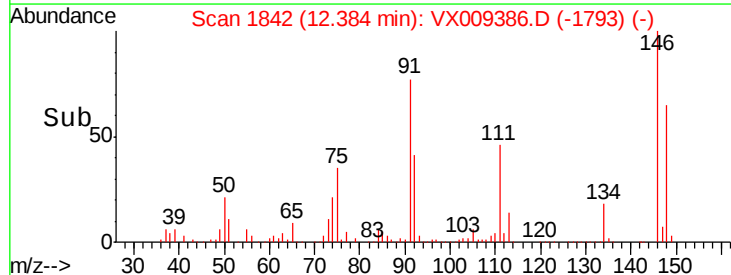
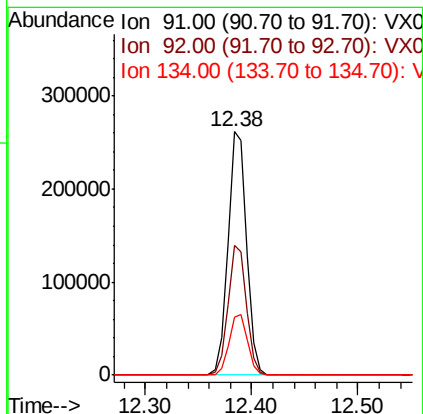
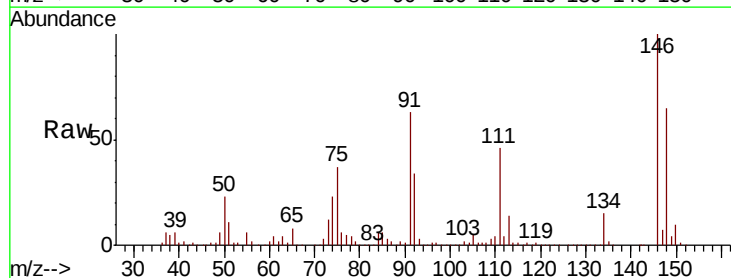
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

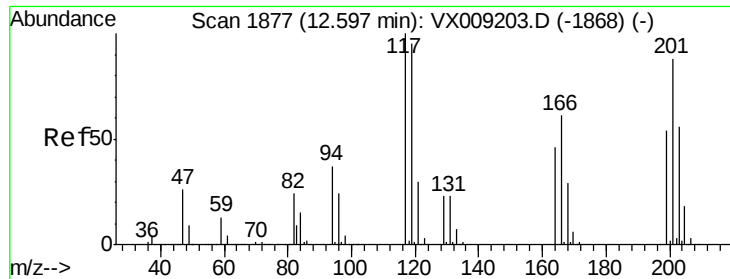
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	64.5	31.8	95.3



#89
 n-Butylbenzene
 Concen: 47.533 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	24.8	12.4	37.2

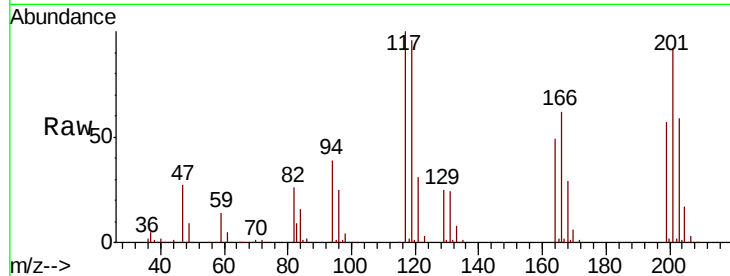




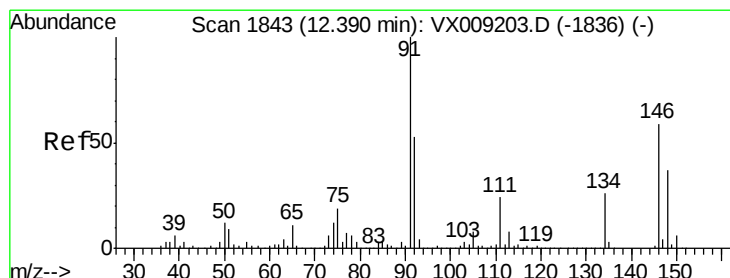
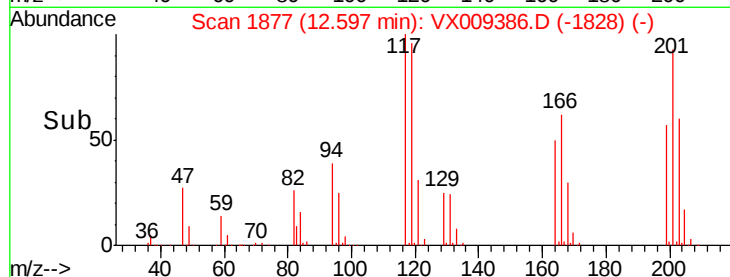
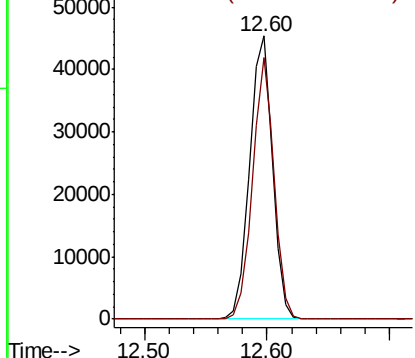
#90
Hexachloroethane
Concen: 46.807 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MSD

Tot Ion:117 Resp: 59299
Ion Ratio Lower Upper
117 100
201 87.0 42.3 126.9

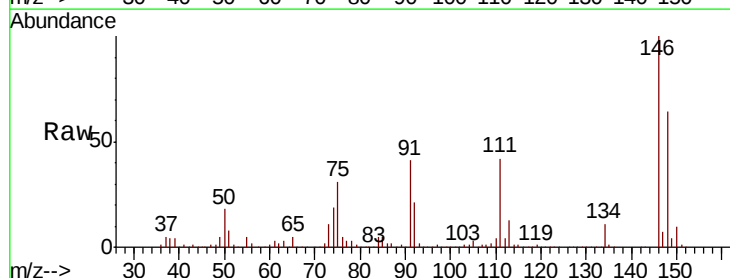


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

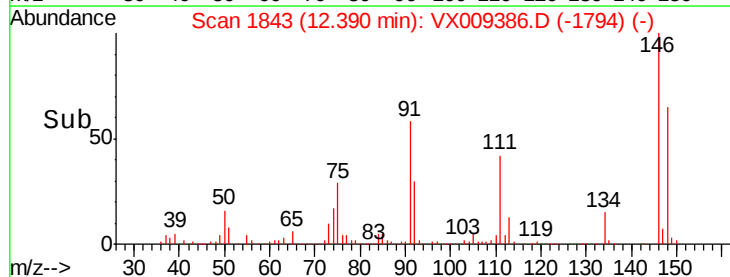
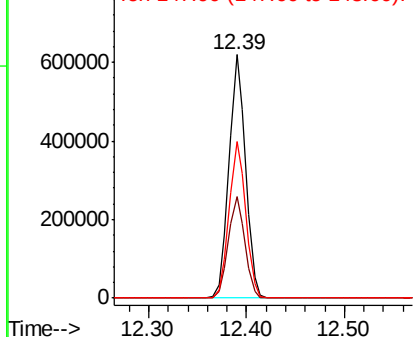


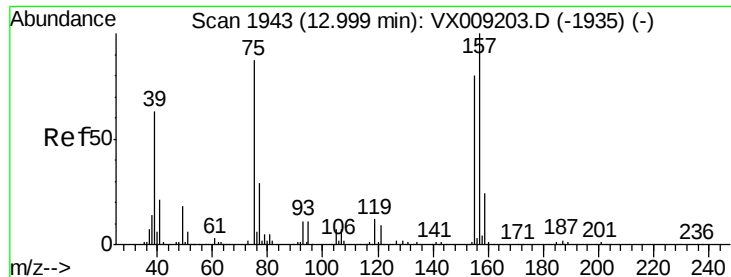
#91
1,2-Dichlorobenzene
Concen: 190.064 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009386.D
Acq: 07 May 2019 18:52

Tgt Ion:146 Resp: 729611
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 64.6 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: 53.228 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

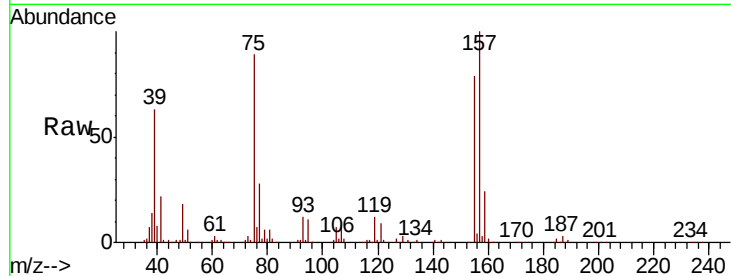
Tot Ion: 75 Resp: 37915

Ion Ratio Lower Upper

75 100

155 85.4 42.0 126.0

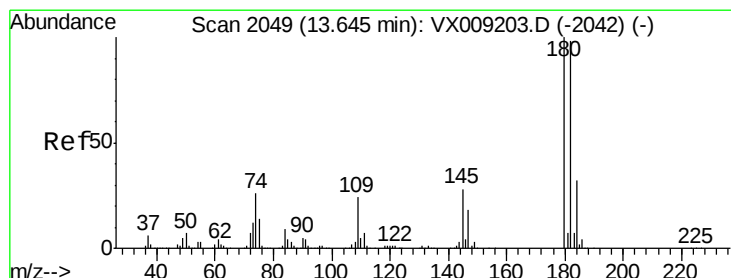
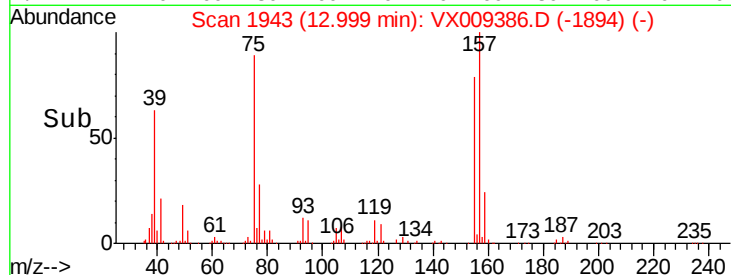
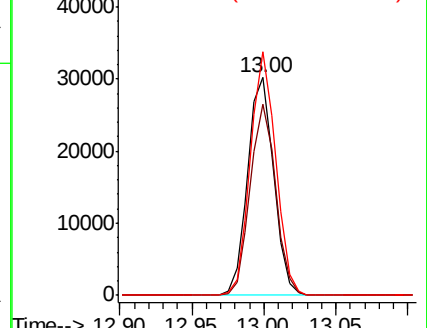
157 107.9 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.426 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

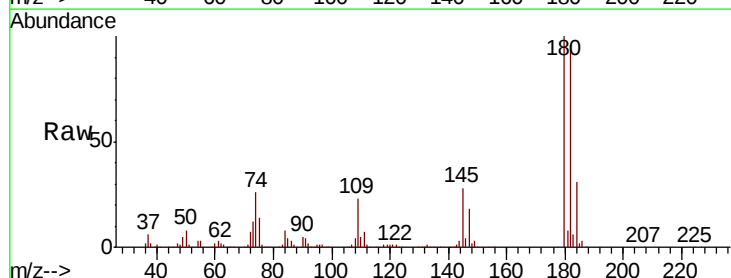
Tgt Ion: 180 Resp: 132372

Ion Ratio Lower Upper

180 100

182 95.6 48.4 145.2

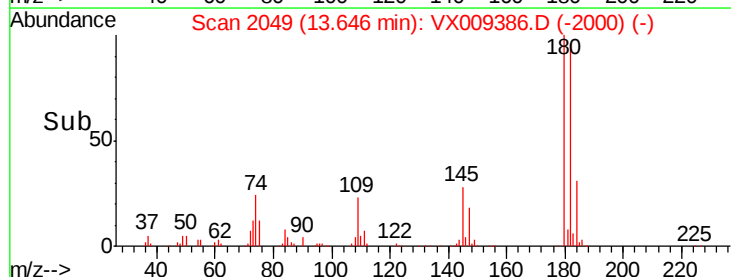
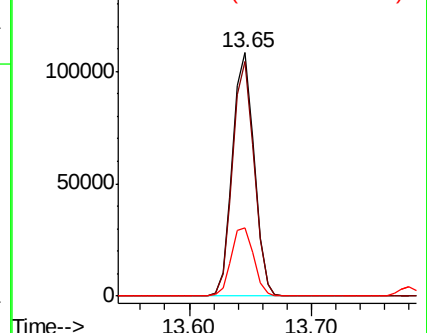
145 29.2 14.6 43.8

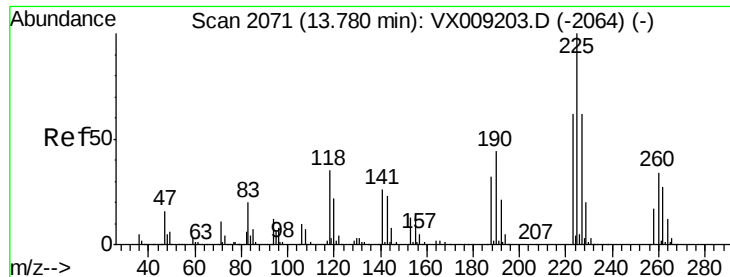


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.637 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MSD

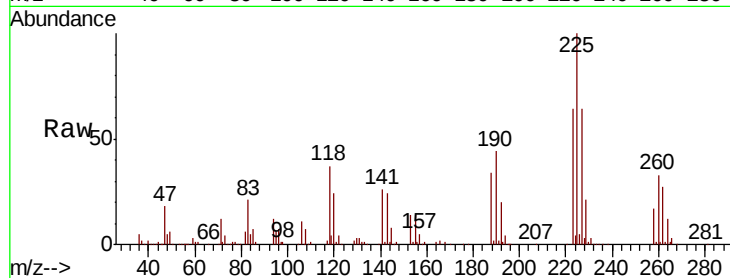
Tot Ion:225 Resp: 63859

Ion Ratio Lower Upper

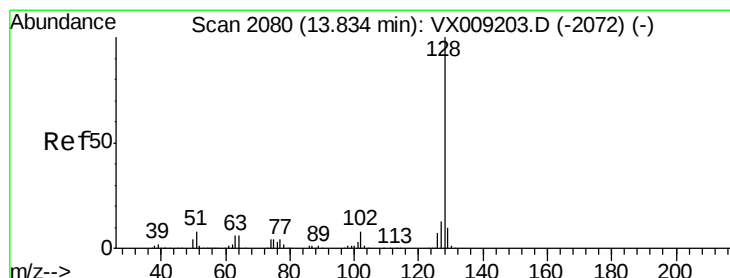
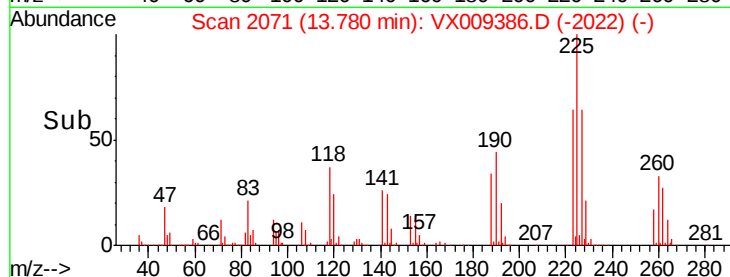
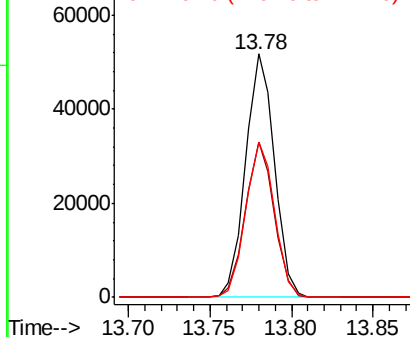
225 100

223 63.5 31.3 93.8

227 63.8 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: 51.951 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009386.D

Acq: 07 May 2019 18:52

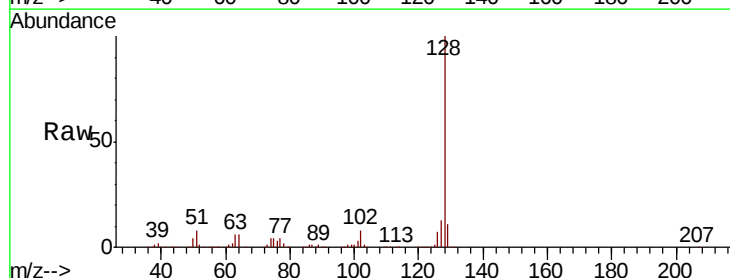
Tgt Ion:128 Resp: 443692

Ion Ratio Lower Upper

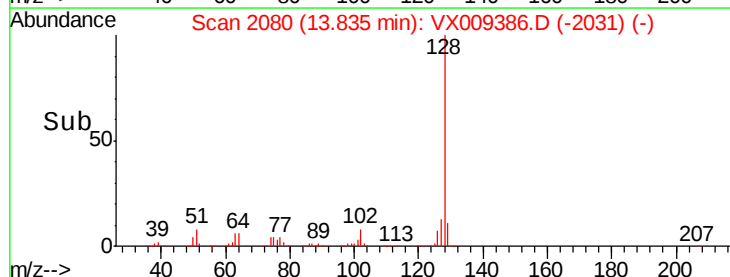
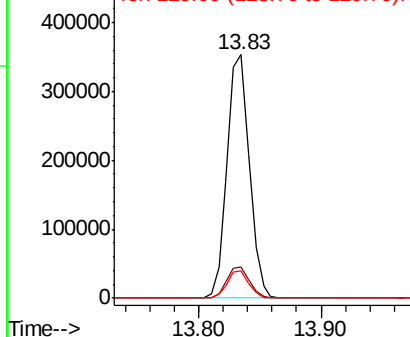
128 100

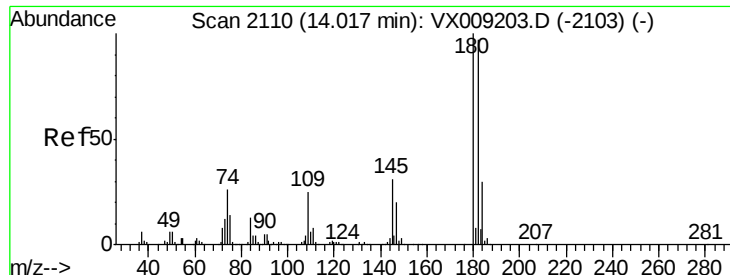
127 13.1 10.4 15.6

129 10.9 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: 50.452 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009386.D
 Acq: 07 May 2019 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	30.8	15.4	46.4

