

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011043.D
 Acq On : 22 Jul 2019 20:07
 Operator : JC/SP
 Sample : K3921-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

Quant Time: Jul 23 03:47:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118306	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	5.50	113	104207	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	384676	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	150275	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	111418	50.009	ug/l	99
3) Chloromethane	1.32	50	96807	50.384	ug/l	99
4) Vinyl Chloride	1.41	62	105064	53.609	ug/l	99
5) Bromomethane	1.64	94	51133	46.299	ug/l	96
6) Chloroethane	1.71	64	64757	51.995	ug/l	97
7) Trichlorofluoromethane	1.93	101	176008	53.055	ug/l	100
8) Diethyl Ether	2.19	74	60118	52.596	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95032	50.170	ug/l	99
10) Methyl Iodide	2.51	142	131784	53.016	ug/l	99
11) Tert butyl alcohol	3.05	59	126057	243.509	ug/l	98
12) 1,1-Dichloroethene	2.37	96	98811	53.093	ug/l	98
13) Acrolein	2.29	56	75815	253.485	ug/l	100
14) Allyl chloride	2.73	41	143930	53.243	ug/l	98
15) Acrylonitrile	3.14	53	287899	275.226	ug/l	99
16) Acetone	2.45	43	242773	241.825	ug/l	97
17) Carbon Disulfide	2.57	76	227522	47.659	ug/l	100
18) Methyl Acetate	2.78	43	116254	50.856	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	334939	55.905	ug/l	98
20) Methylene Chloride	2.85	84	110264	51.827	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	103107	52.214	ug/l	96
22) Diisopropyl ether	3.86	45	310633	54.484	ug/l #	88
23) Vinyl Acetate	3.81	43	1225050	253.594	ug/l	99
24) 1,1-Dichloroethane	3.70	63	178013	53.762	ug/l	100
25) 2-Butanone	4.67	43	393703	273.193	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124281	45.713	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122404	53.560	ug/l	98
28) Bromochloromethane	5.02	49	81999	52.553	ug/l	99
29) Tetrahydrofuran	5.13	42	253999	278.245	ug/l	100
30) Chloroform	5.21	83	195129	54.522	ug/l	99
31) Cyclohexane	5.58	56	148487	49.200	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	171339	55.336	ug/l	100
36) 1,1-Dichloropropene	5.80	75	135215	51.003	ug/l	100
37) Ethyl Acetate	4.83	43	136087	50.130	ug/l	99
38) Carbon Tetrachloride	5.79	117	147497	53.391	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011043.D
 Acq On : 22 Jul 2019 20:07
 Operator : JC/SP
 Sample : K3921-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

Quant Time: Jul 23 03:47:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	159357	46.352	ug/l	99
40) Benzene	6.14	78	421366	51.886	ug/l	100
41) Methacrylonitrile	5.04	41	83130	53.943	ug/l	96
42) 1,2-Dichloroethane	6.19	62	151562	53.676	ug/l	99
43) Isopropyl Acetate	6.45	43	230087	51.546	ug/l	99
44) Trichloroethene	7.21	130	122405	50.921	ug/l	94
45) 1,2-Dichloropropane	7.51	63	107028	51.781	ug/l	99
46) Dibromomethane	7.66	93	79468	53.805	ug/l	99
47) Bromodichloromethane	7.90	83	145352	55.285	ug/l	100
48) Methyl methacrylate	7.77	41	118598	54.540	ug/l	98
49) 1,4-Dioxane	7.74	88	56325	925.996	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	808924	279.559	ug/l	100
52) Toluene	8.78	92	273840	51.330	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152996	54.120	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166520	52.936	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	117771	53.615	ug/l	97
56) Ethyl methacrylate	9.18	69	181745	56.563	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186441	53.503	ug/l	100
59) 2-Hexanone	9.49	43	640251	285.278	ug/l	99
60) Dibromochloromethane	9.58	129	128093	50.635	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126456	54.245	ug/l	100
64) Tetrachloroethene	9.34	164	115912	49.462	ug/l	98
65) Chlorobenzene	10.13	112	313476	51.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	117201	54.503	ug/l	99
67) Ethyl Benzene	10.25	91	544130	52.248	ug/l	100
68) m/p-Xylenes	10.36	106	419740	105.069	ug/l	100
69) o-Xylene	10.69	106	204596	52.477	ug/l	98
70) Stvrene	10.71	104	357384	54.988	ug/l	99
71) Bromoform	10.85	173	97216	49.670	ug/l #	100
73) Isopropylbenzene	11.02	105	551367	51.735	ug/l	100
74) N-amyl acetate	10.90	43	206364	50.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	187485	53.755	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	206174	72.437	ug/l	84
77) Bromobenzene	11.26	156	153142	52.094	ug/l	100
78) n-propylbenzene	11.36	91	618019	52.483	ug/l	100
79) 2-Chlorotoluene	11.42	91	371617	52.533	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	469393	52.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52131	46.690	ug/l	97
82) 4-Chlorotoluene	11.51	91	435663	52.915	ug/l	98
83) tert-Butylbenzene	11.77	119	466625	53.345	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	475890	53.019	ug/l	100
85) sec-Butylbenzene	11.94	105	544731	53.146	ug/l	99
86) p-Isopropyltoluene	12.06	119	506761	53.480	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	272269	53.369	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	269820	51.569	ug/l	99
89) n-Butylbenzene	12.38	91	434267	53.569	ug/l	100
90) Hexachloroethane	12.60	117	79752	53.361	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	268726	53.149	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41934	57.519	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	184303	53.786	ug/l	99

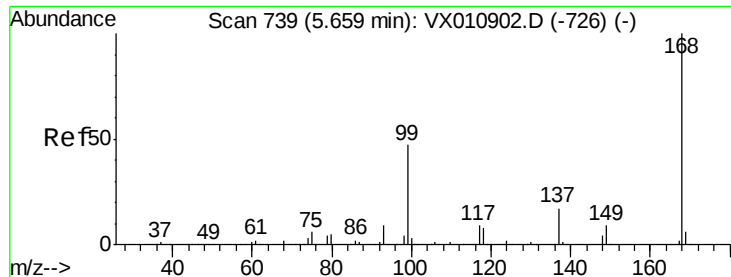
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
Data File : VX011043.D
Acq On : 22 Jul 2019 20:07
Operator : JC/SP
Sample : K3921-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

Quant Time: Jul 23 03:47:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	84601	49.823	ug/l	98
95) Naphthalene	13.83	128	582948	57.612	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	186339	54.654	ug/l	99

(#) = 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. 0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

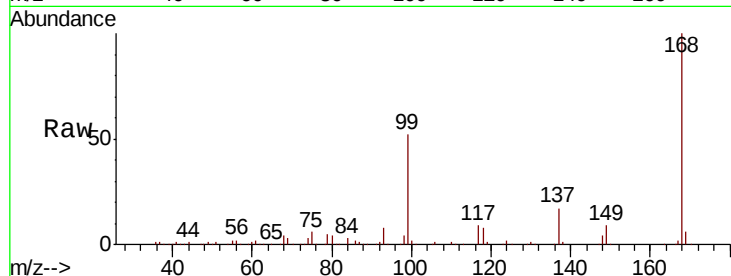
SU19-MSW0620MS

Tot Ion:168 Resp: 208939

Ion Ratio Lower Upper

168 100

99 51.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

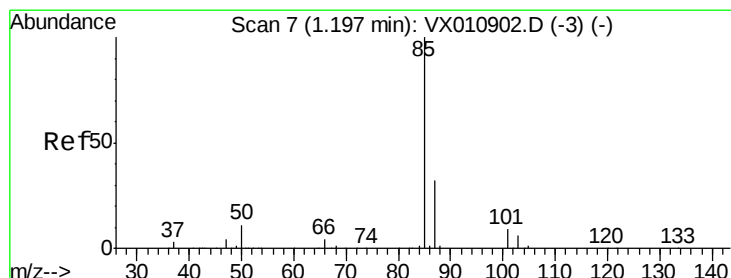
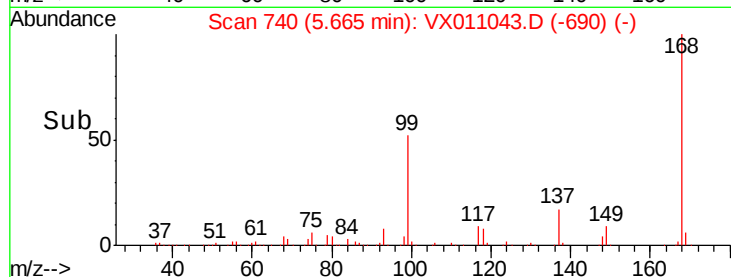
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.009 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011043.D

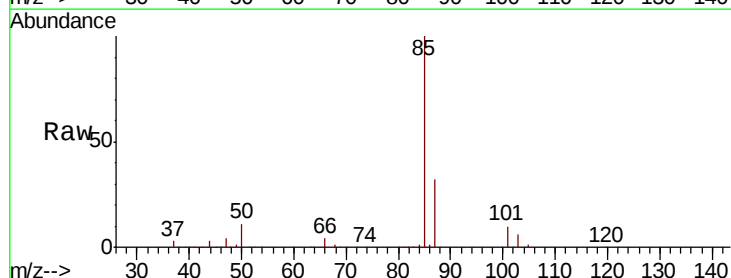
Acq: 22 Jul 2019 20:07

Tgt Ion: 85 Resp: 111418

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

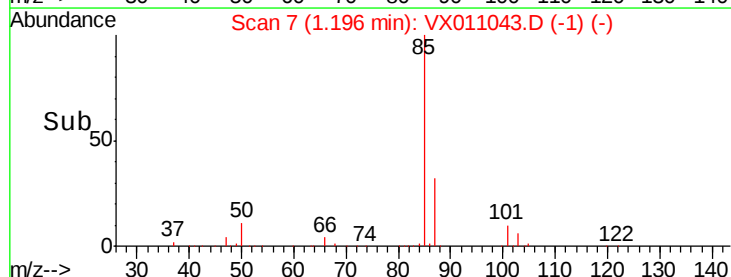
100000

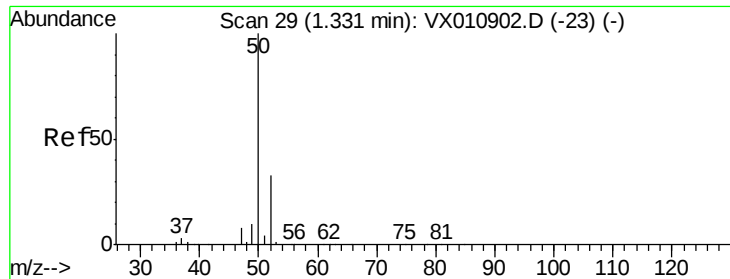
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.384 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

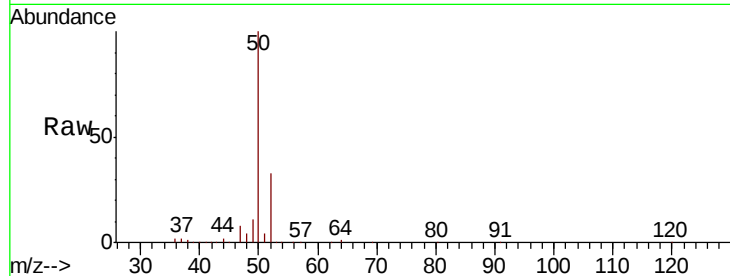
SU19-MSW0620MS

Tot Ion: 50 Resp: 96807

Ion Ratio Lower Upper

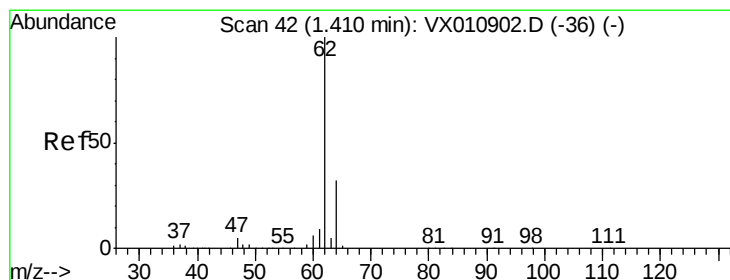
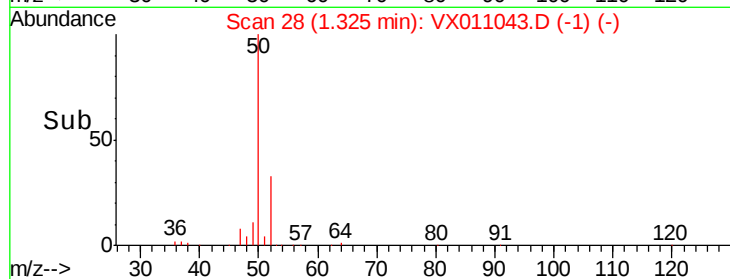
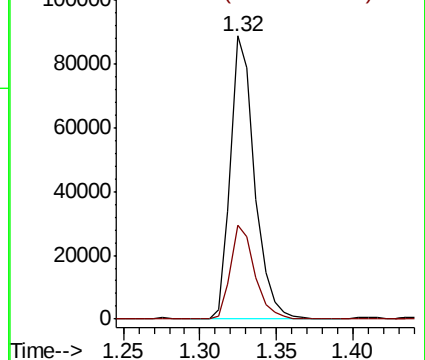
50 100

52 33.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.609 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011043.D

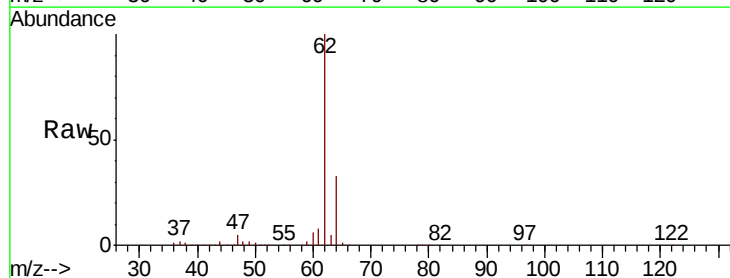
Acq: 22 Jul 2019 20:07

Tgt Ion: 62 Resp: 105064

Ion Ratio Lower Upper

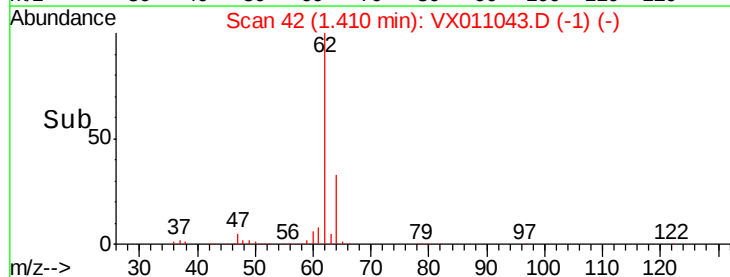
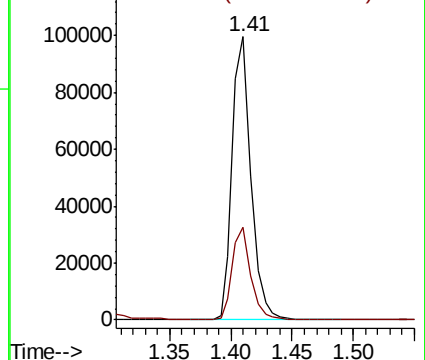
62 100

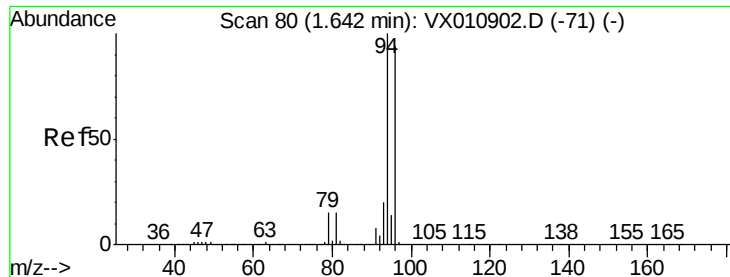
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.299 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

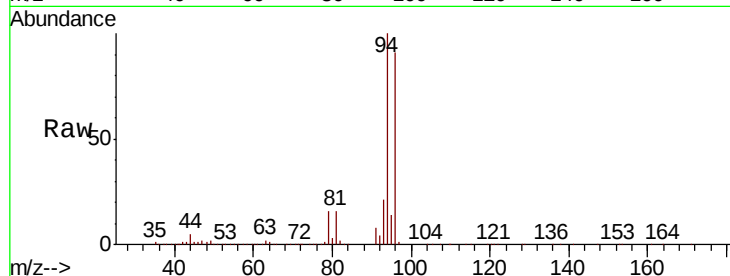
SU19-MSW0620MS

Tot Ion: 94 Resp: 51133

Ion Ratio Lower Upper

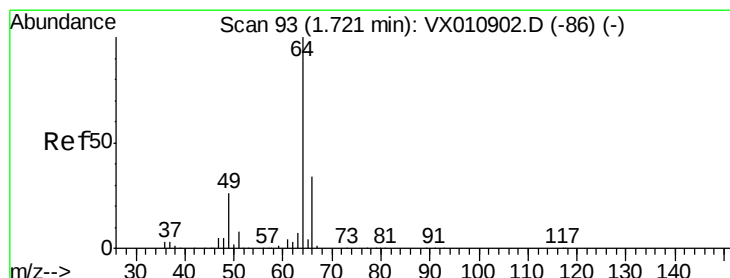
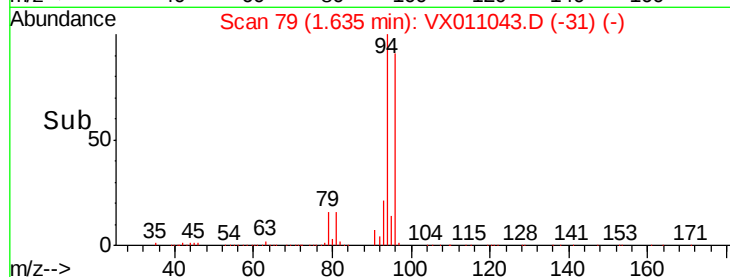
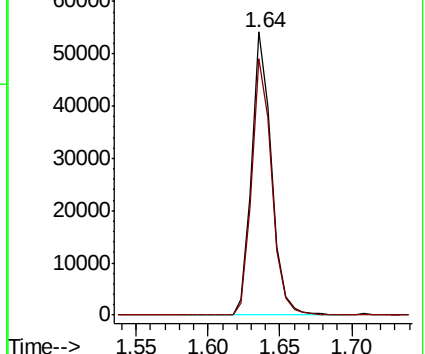
94 100

96 90.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.995 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011043.D

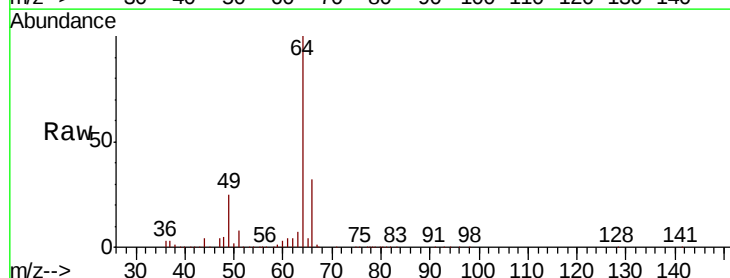
Acq: 22 Jul 2019 20:07

Tgt Ion: 64 Resp: 64757

Ion Ratio Lower Upper

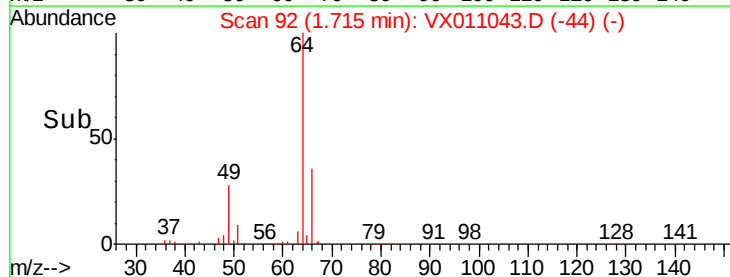
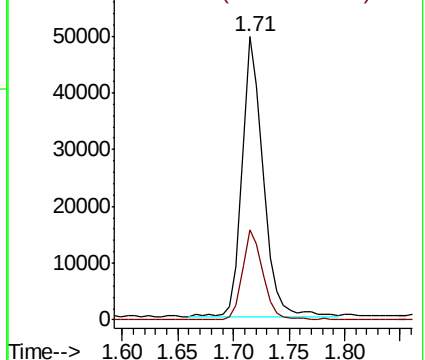
64 100

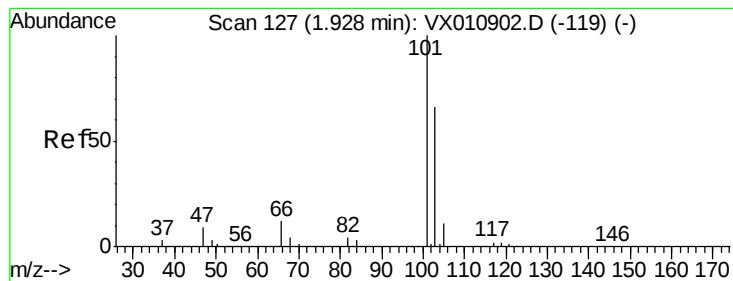
66 31.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



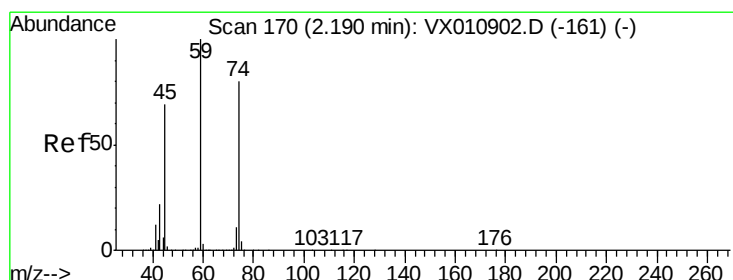
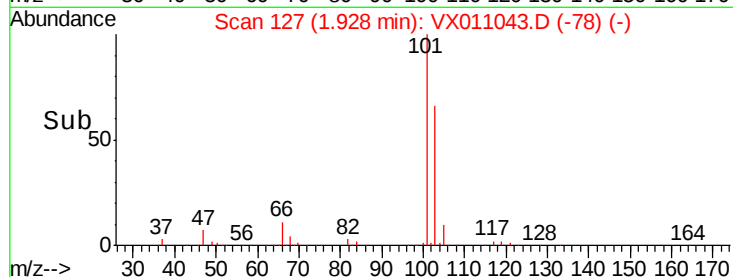
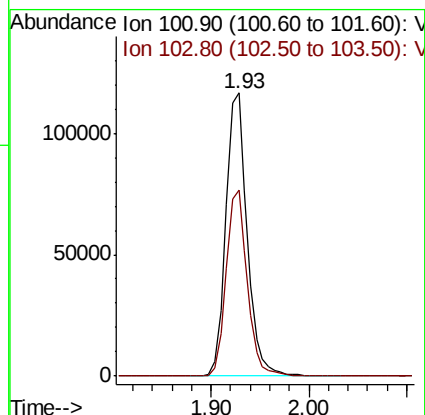
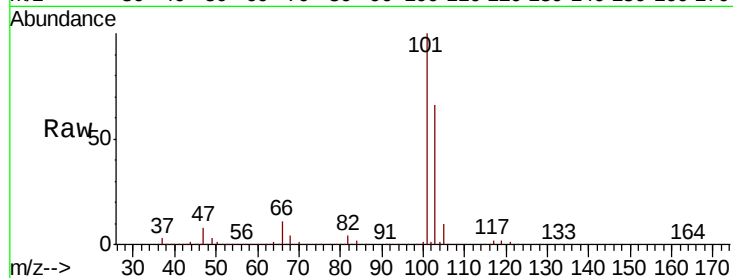


#7

Trichlorofluoromethane
Concen: 53.055 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

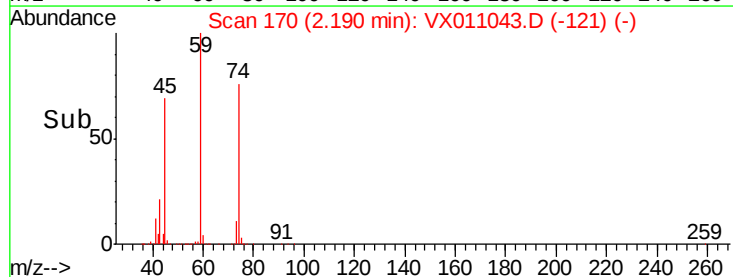
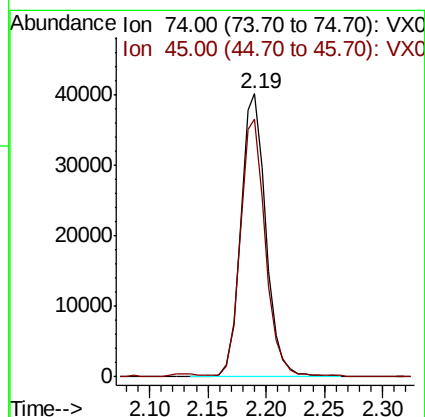
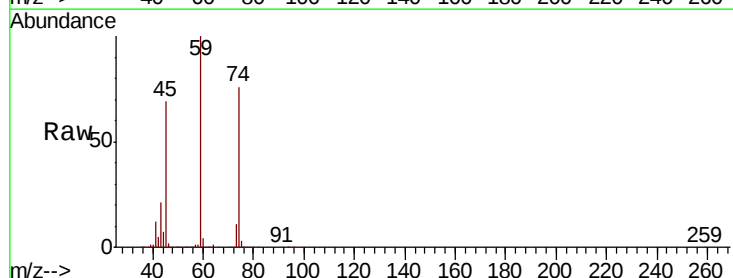
Tot Ion:101 Resp: 176008
Ion Ratio Lower Upper
101 100
103 65.5 52.6 78.8

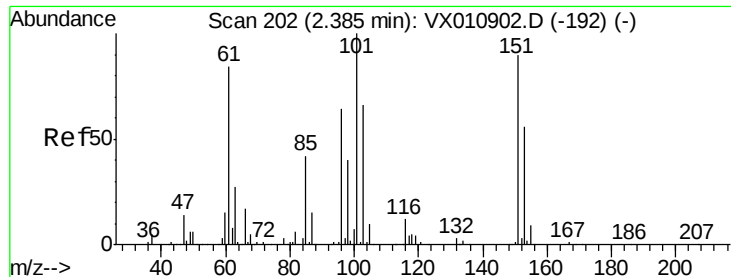


#8

Diethyl Ether
Concen: 52.596 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion: 74 Resp: 60118
Ion Ratio Lower Upper
74 100
45 89.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.170 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

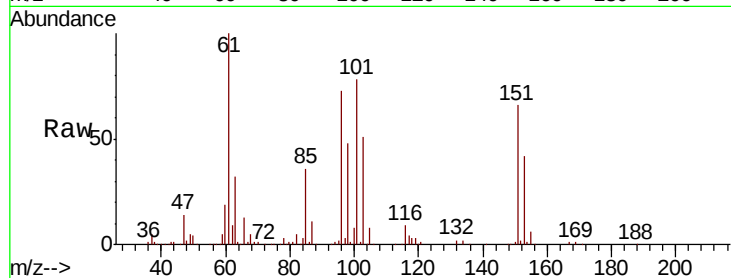
Tot Ion:101 Resp: 95032

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

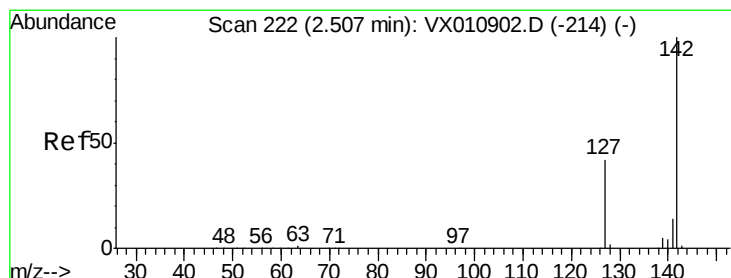
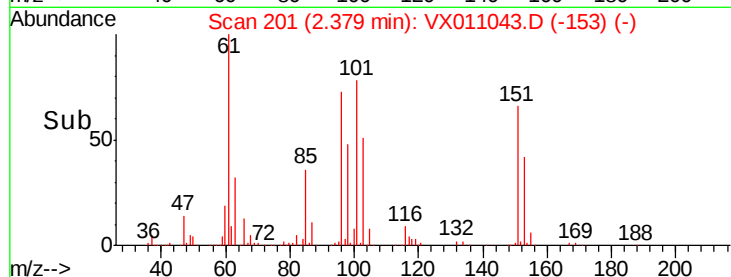
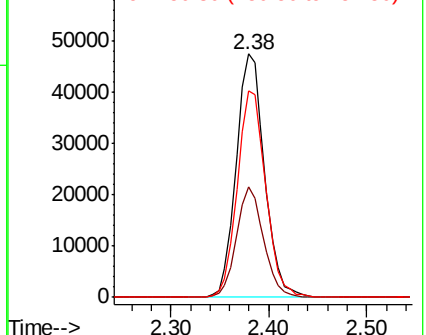
151 85.4 69.6 104.4



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: 53.016 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

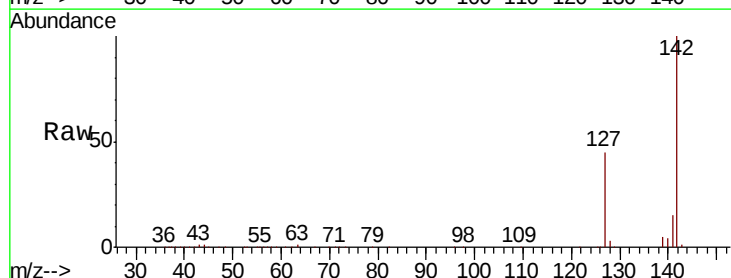
Tgt Ion:142 Resp: 131784

Ion Ratio Lower Upper

142 100

127 43.2 34.2 51.4

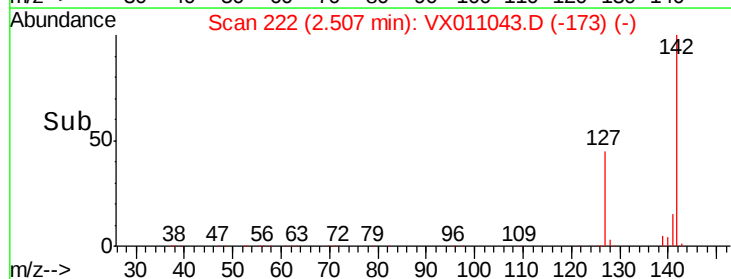
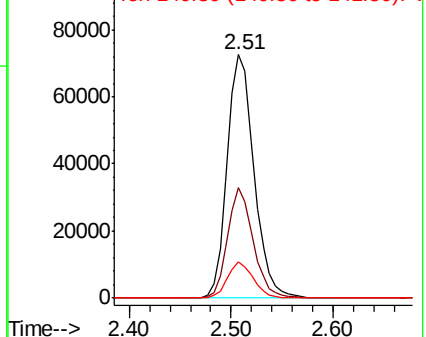
141 14.4 11.7 17.5



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



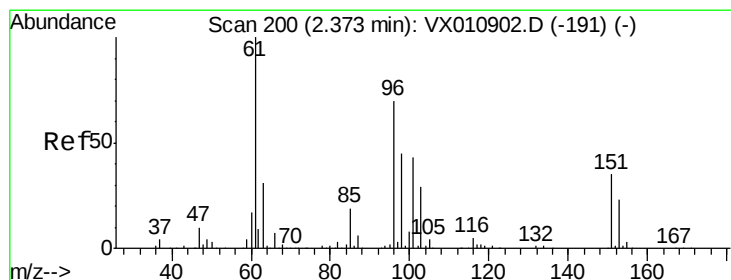
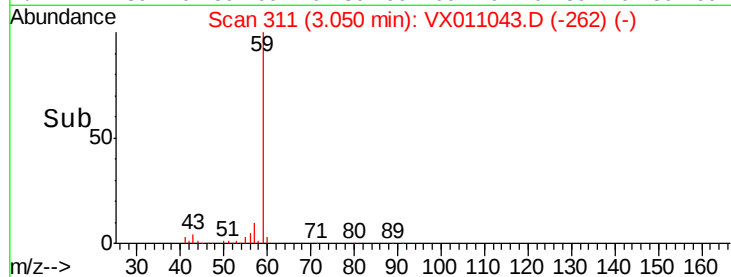
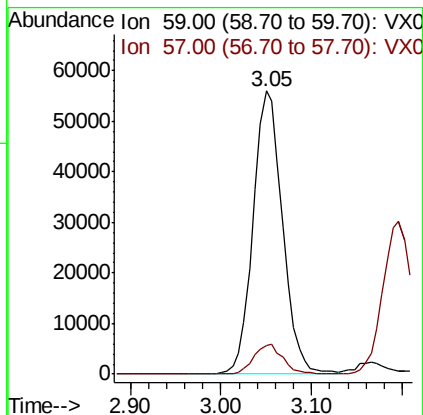
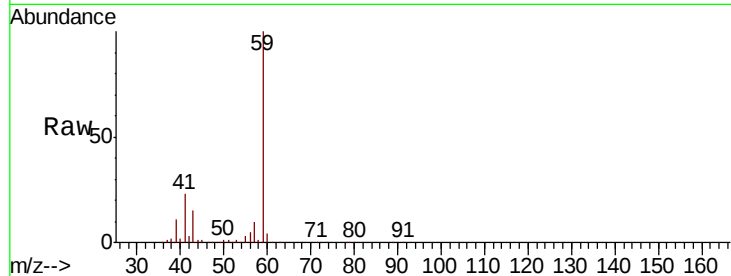


#11

Tert butyl alcohol
 Concen: 243.509 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

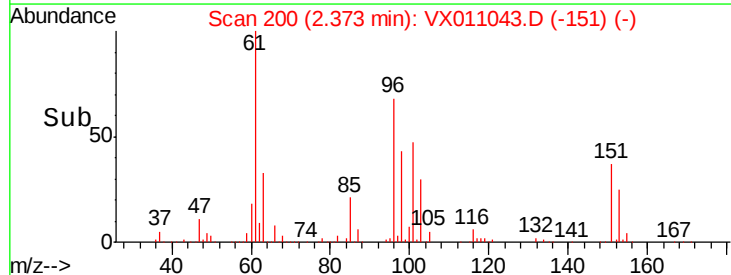
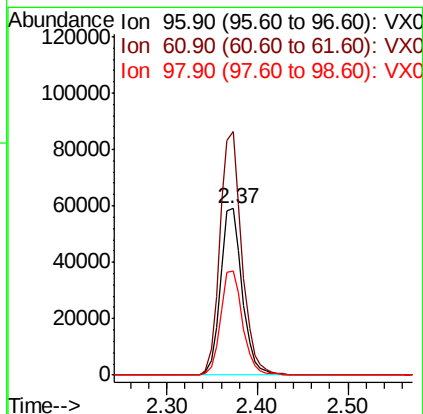
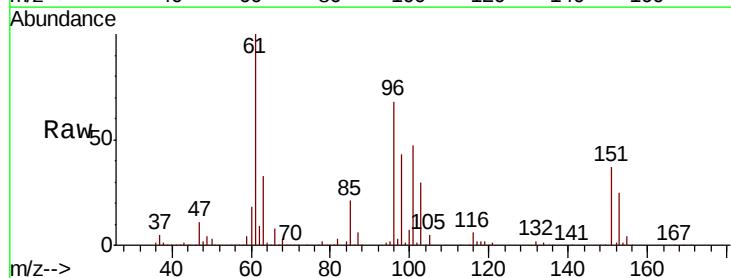
Tot Ion: 59 Resp: 126057
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.9 11.9

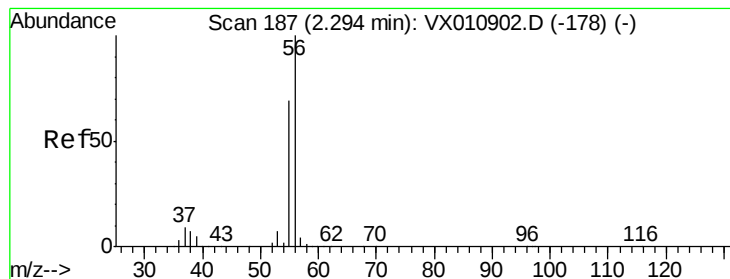


#12

1,1-Dichloroethene
 Concen: 53.093 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion: 96 Resp: 98811
 Ion Ratio Lower Upper
 96 100
 61 146.3 115.0 172.4
 98 62.8 52.2 78.2





#13

Acrolein

Concen: 253.485 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

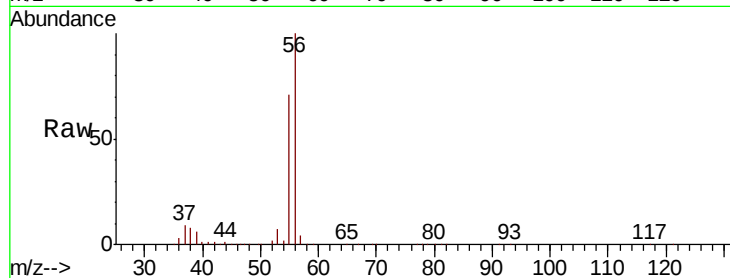
SU19-MSW0620MS

Tot Ion: 56 Resp: 75815

Ion Ratio Lower Upper

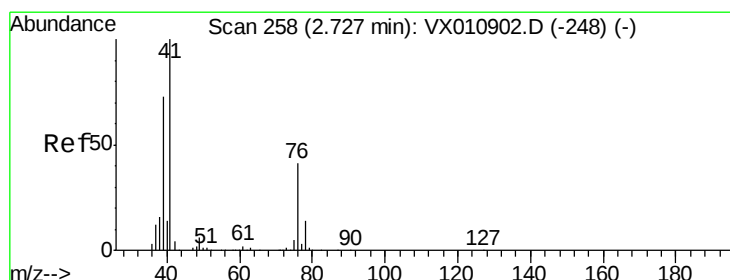
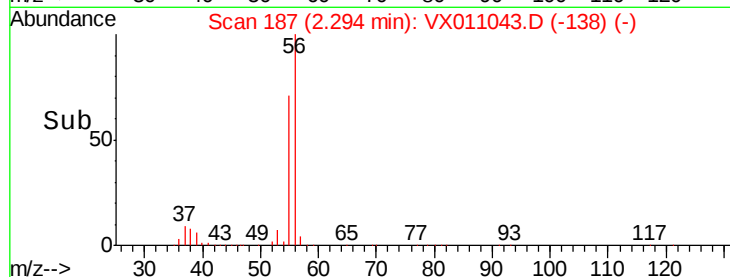
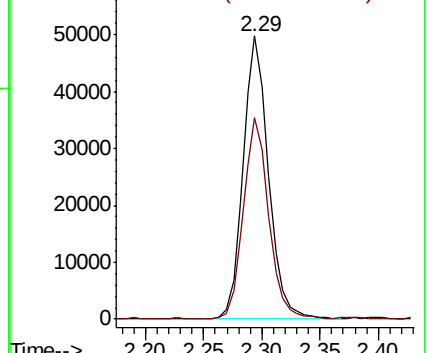
56 100

55 70.2 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.243 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

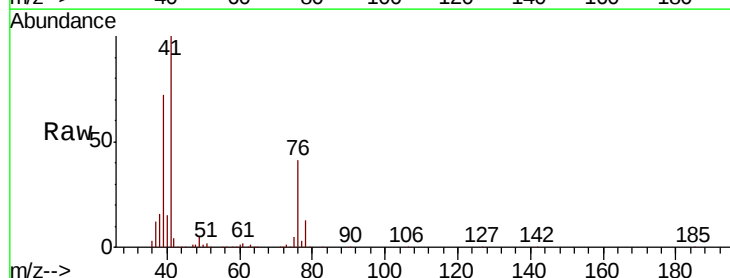
Tgt Ion: 41 Resp: 143930

Ion Ratio Lower Upper

41 100

39 69.0 53.6 80.4

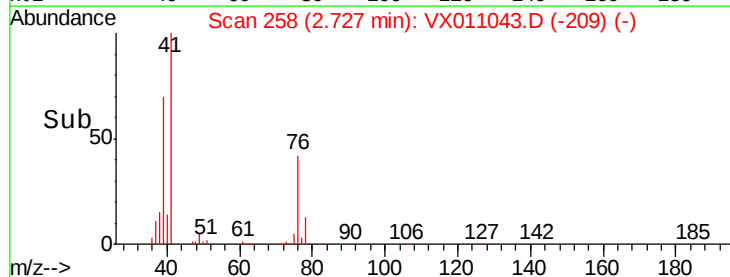
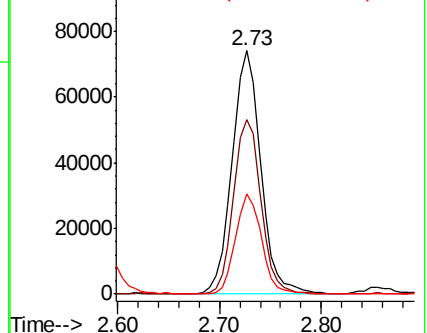
76 37.2 29.7 44.5

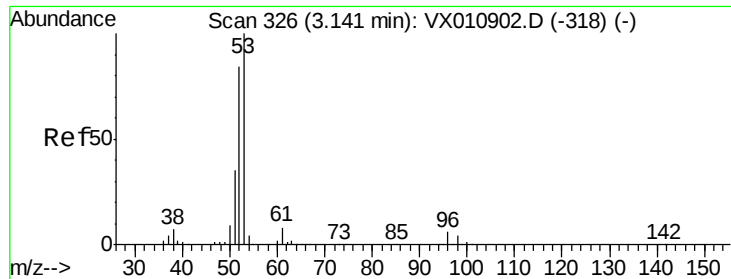


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 275.226 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

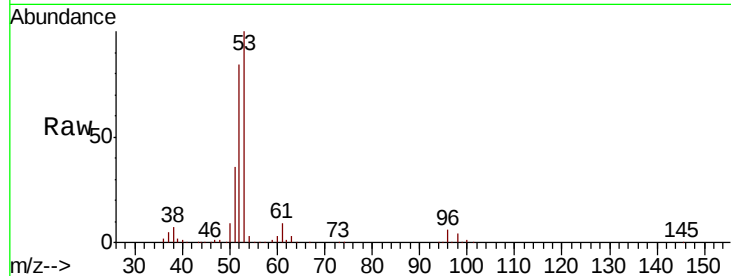
Tot Ion: 53 Resp: 287899

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

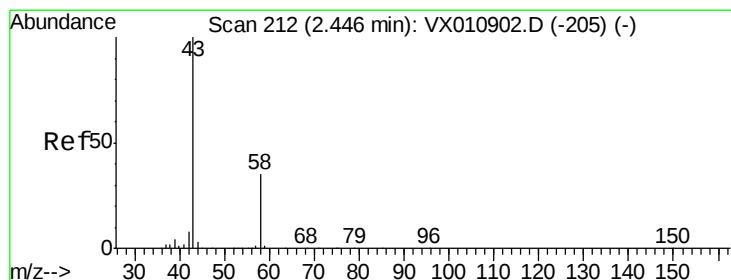
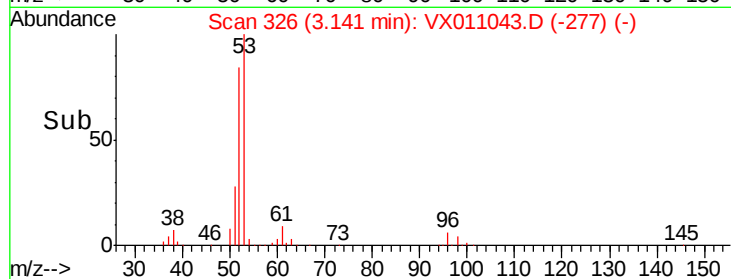
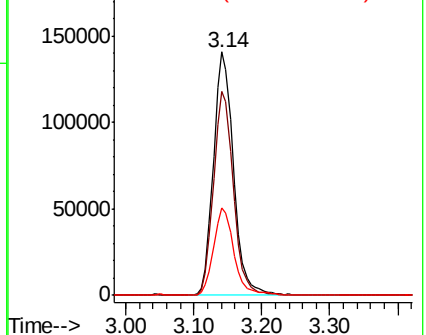
51 36.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.825 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011043.D

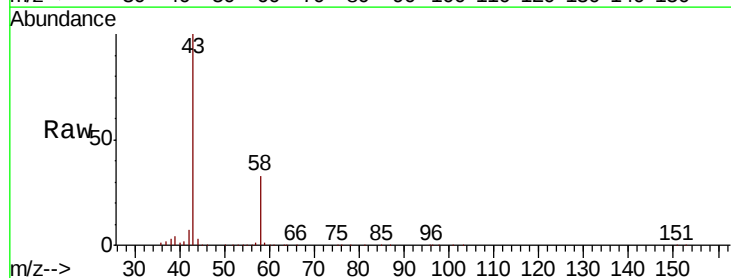
Acq: 22 Jul 2019 20:07

Tgt Ion: 43 Resp: 242773

Ion Ratio Lower Upper

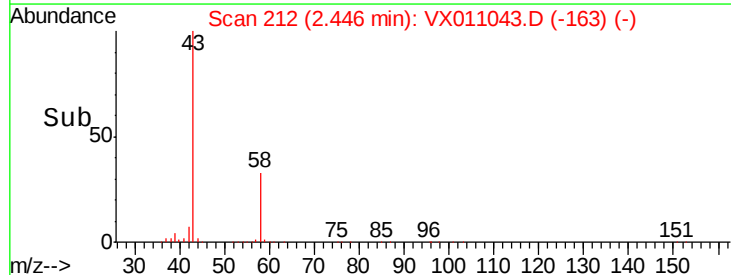
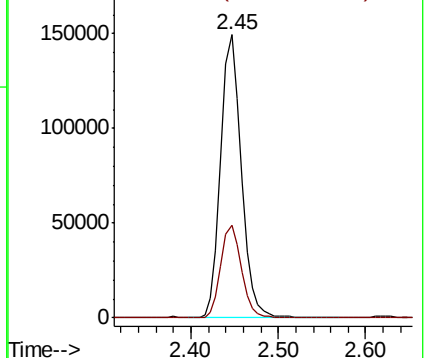
43 100

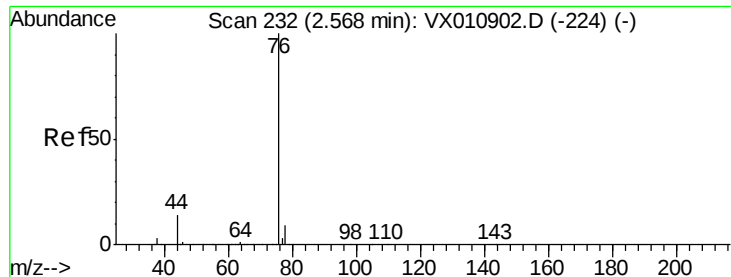
58 32.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

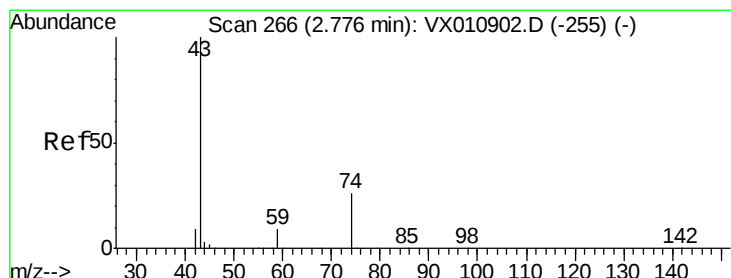
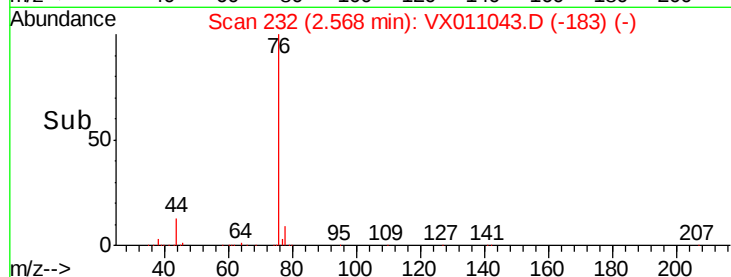
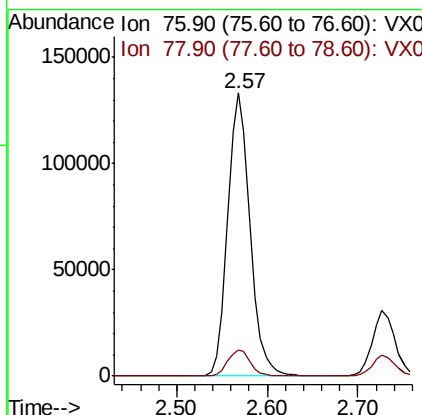
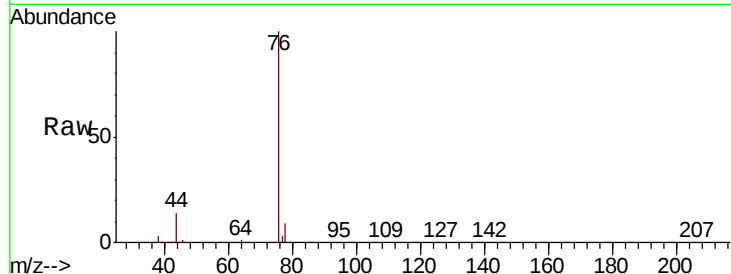




#17
Carbon Disulfide
Concen: 47.659 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

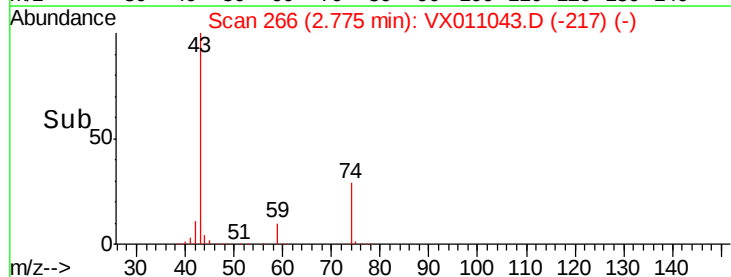
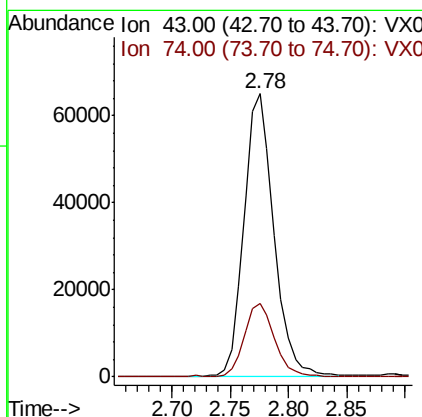
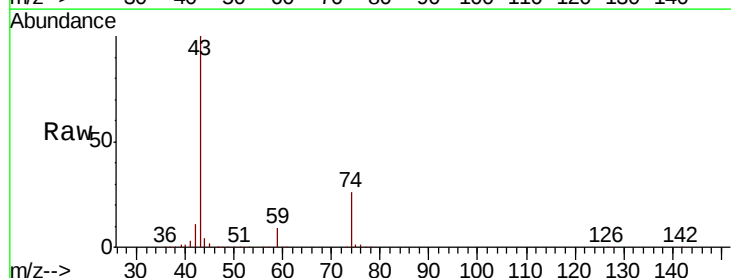
Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

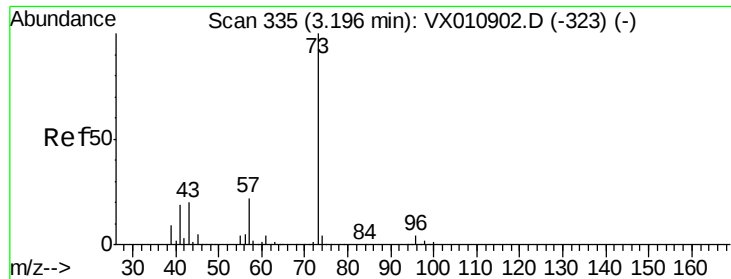
Tot Ion: 76 Resp: 227522
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 50.856 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion: 43 Resp: 116254
Ion Ratio Lower Upper
43 100
74 26.9 21.5 32.3

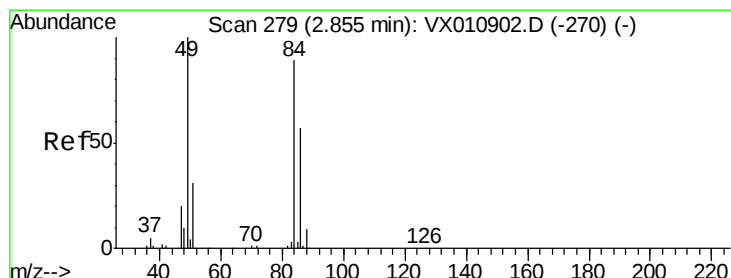
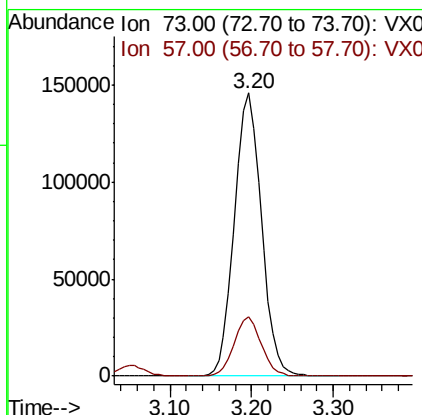
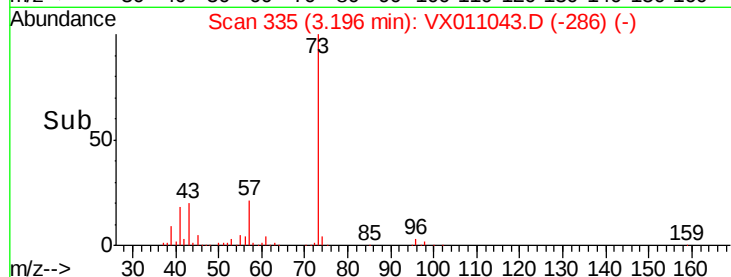
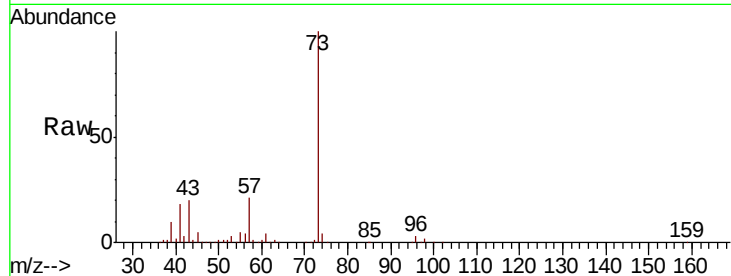




#19
Methyl tert-butyl Ether
Concen: 55.905 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

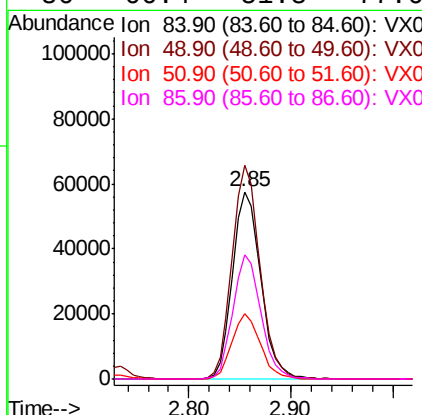
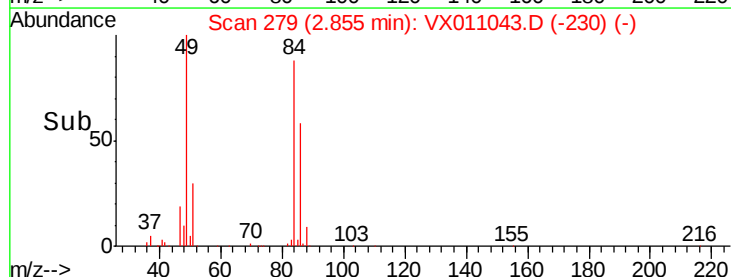
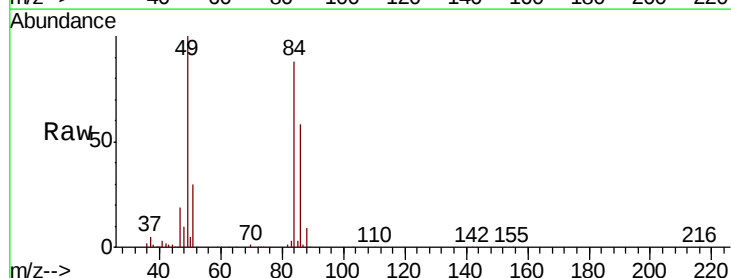
Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

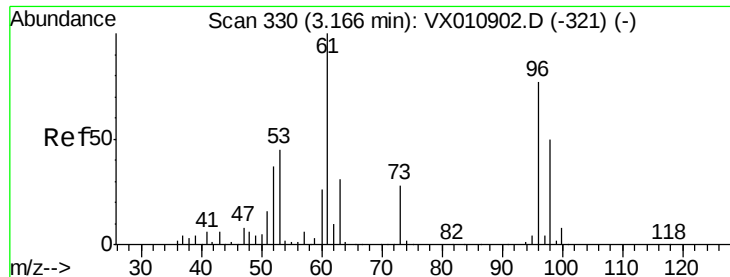
Tot Ion: 73 Resp: 334939
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 51.827 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion: 84 Resp: 110264
Ion Ratio Lower Upper
84 100
49 113.8 89.9 134.9
51 34.5 27.8 41.6
86 66.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.214 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

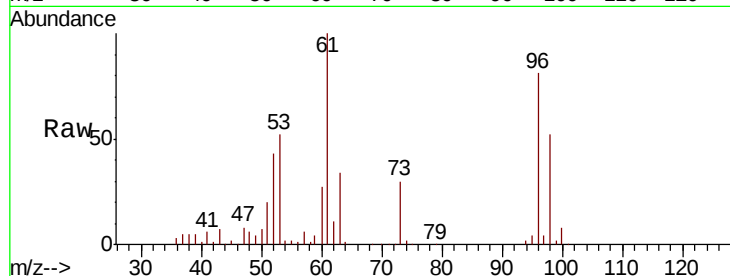
Tot Ion: 96 Resp: 103107

Ion Ratio Lower Upper

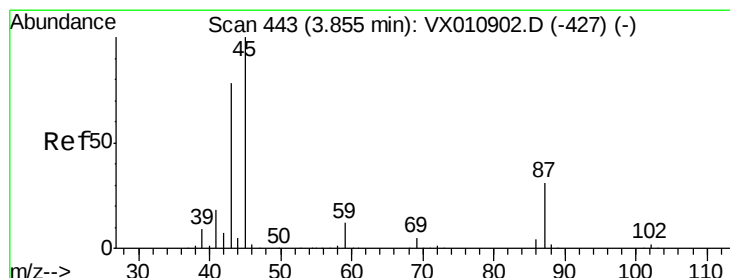
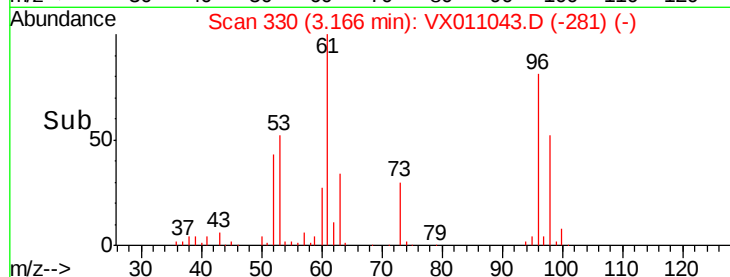
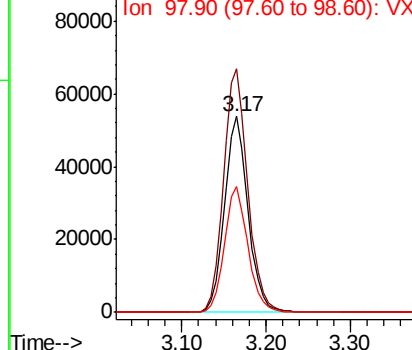
96 100

61 124.1 104.2 156.2

98 64.0 52.2 78.4



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



#22

Diisopropyl ether

Concen: 54.484 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Tgt Ion: 45 Resp: 310633

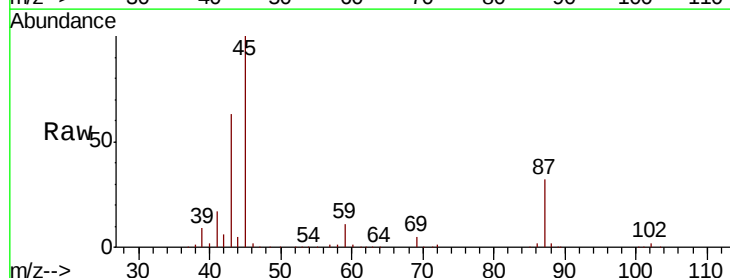
Ion Ratio Lower Upper

45 100

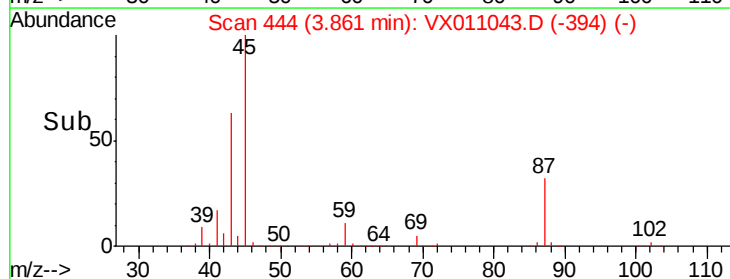
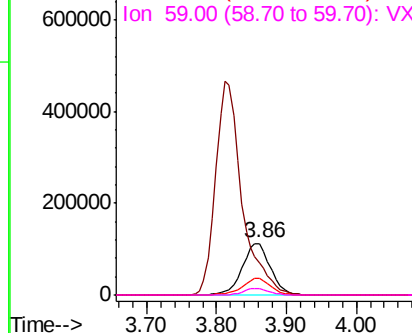
43 62.3 62.3 93.5#

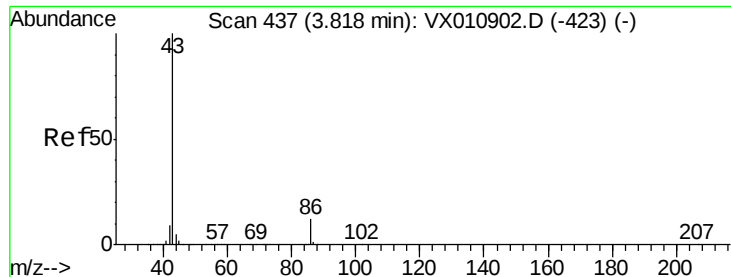
87 31.5 25.0 37.4

59 11.4 9.9 14.9



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: 253.594 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

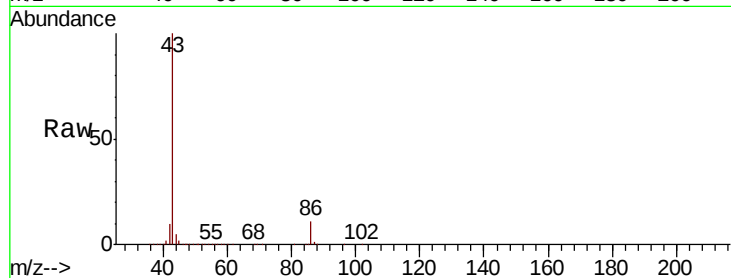
SU19-MSW0620MS

Tot Ion: 43 Resp: 1225050

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

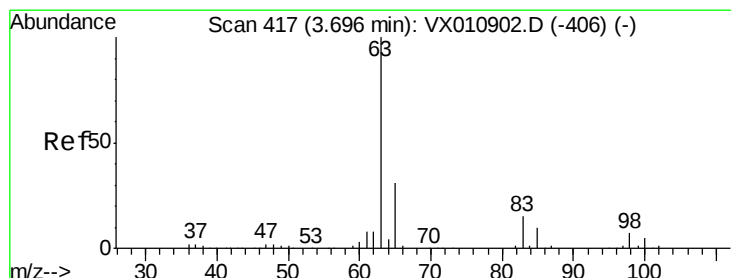
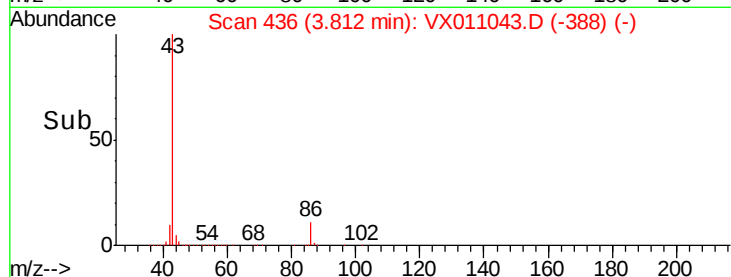
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.762 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

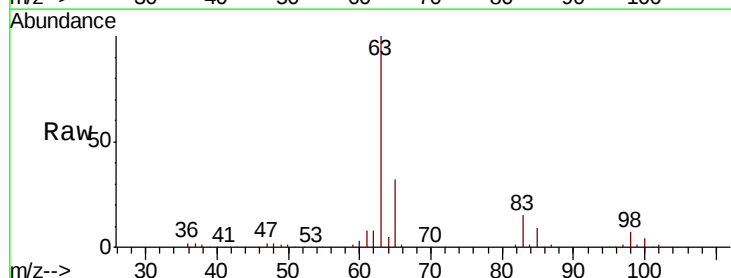
Tgt Ion: 63 Resp: 178013

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.5 2.4 7.2



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

3.70

100000

80000

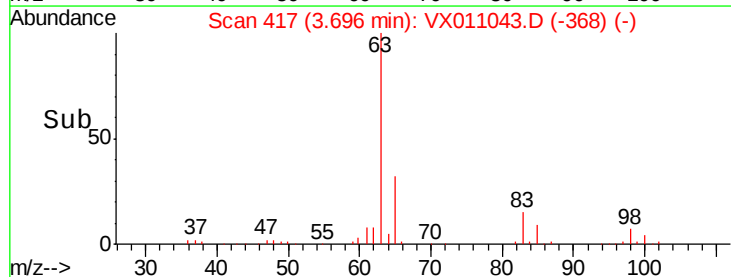
60000

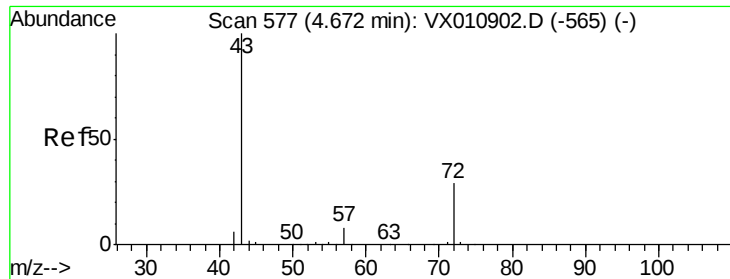
40000

20000

0

Time-->





#25

2-Butanone

Concen: 273.193 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

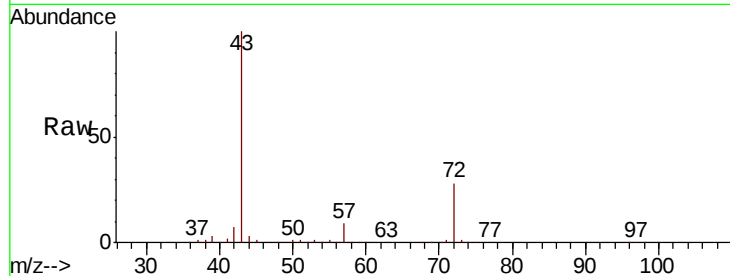
SU19-MSW0620MS

Tot Ion: 43 Resp: 393703

Ion Ratio Lower Upper

43 100

72 28.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0

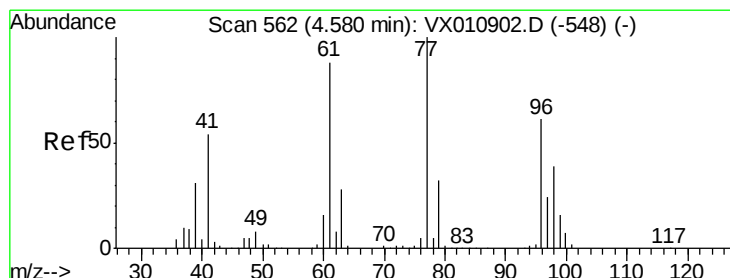
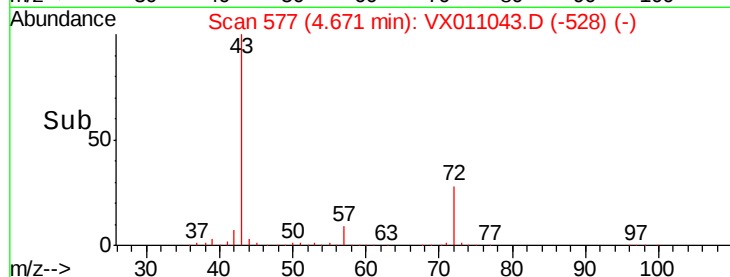
4.60

4.67

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.713 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011043.D

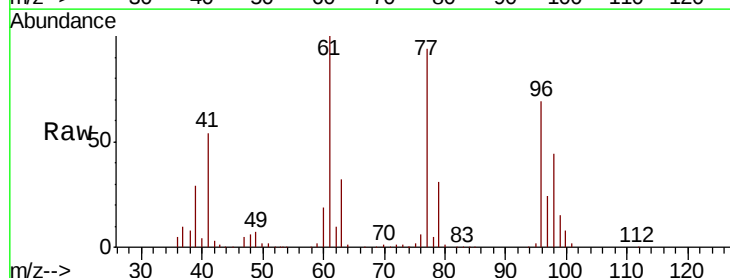
Acq: 22 Jul 2019 20:07

Tgt Ion: 77 Resp: 124281

Ion Ratio Lower Upper

77 100

97 25.4 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

0

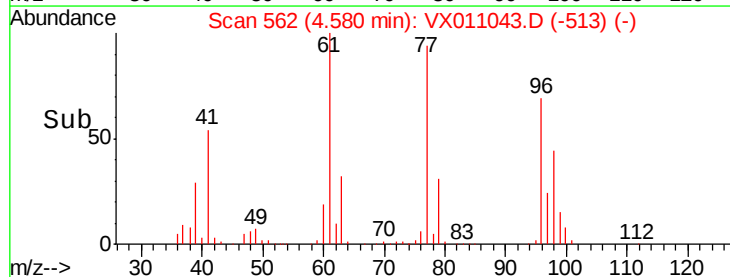
4.50

4.58

4.60

4.70

Time-->



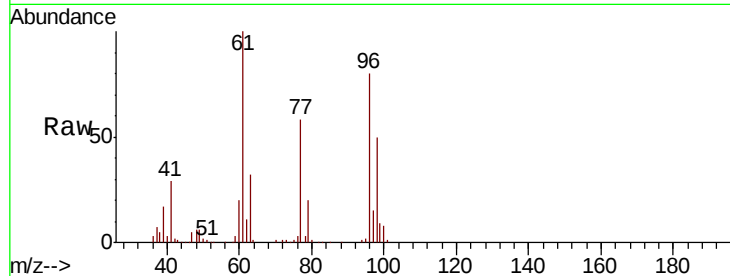


#27

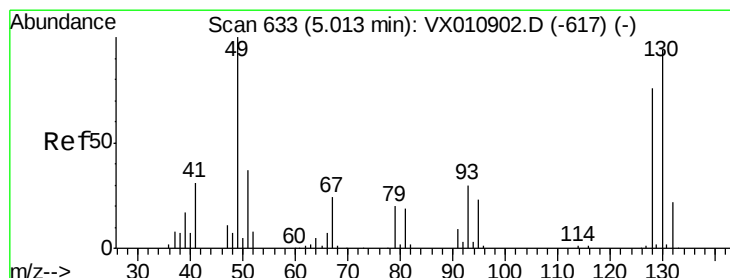
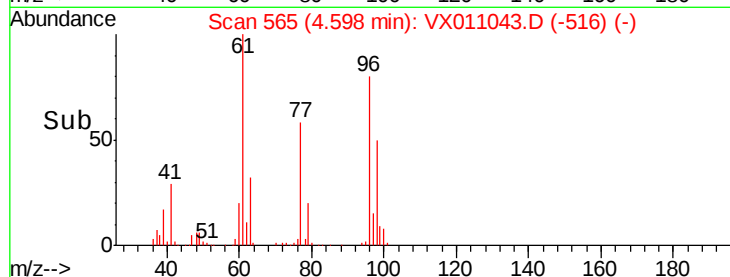
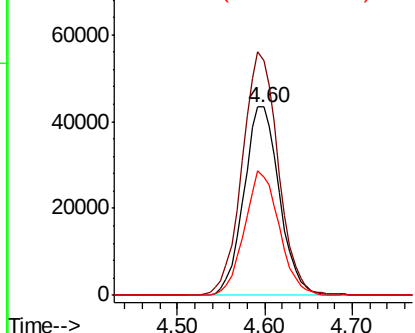
cis-1,2-Dichloroethene
Concen: 53.560 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	269.0
98	64.6	0.0	131.4



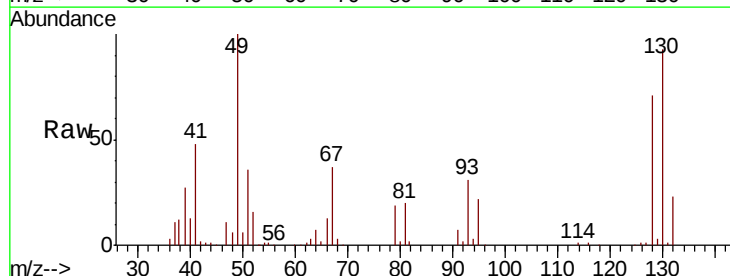
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



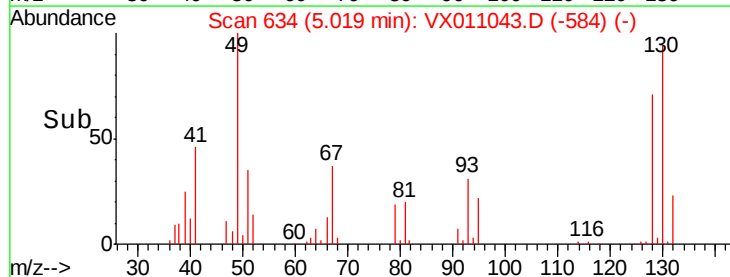
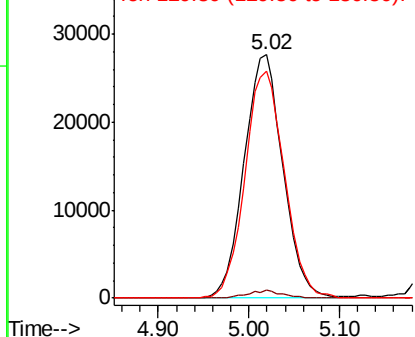
#28

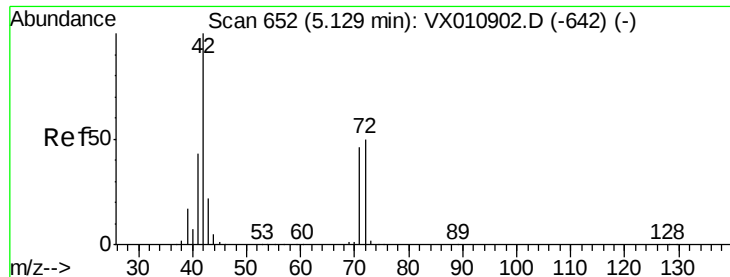
Bromochloromethane
Concen: 52.553 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	94.8	76.9	115.3



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

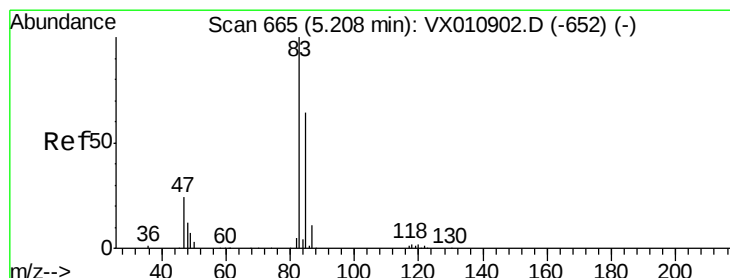
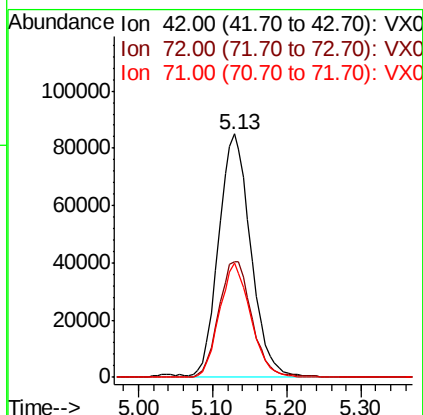
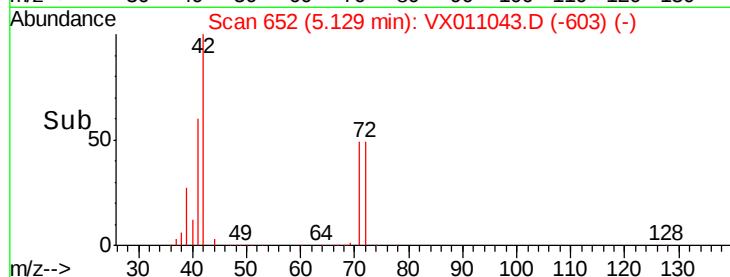
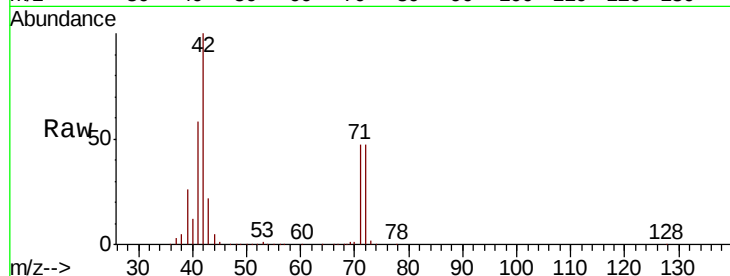




#29
Tetrahydrofuran
Concen: 278.245 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

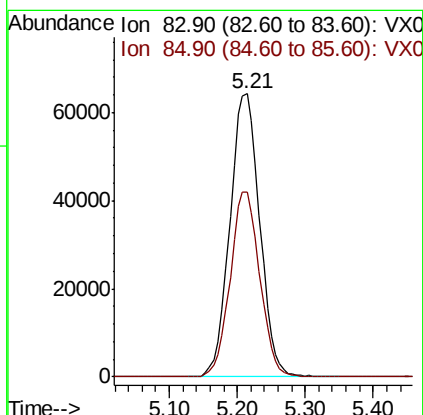
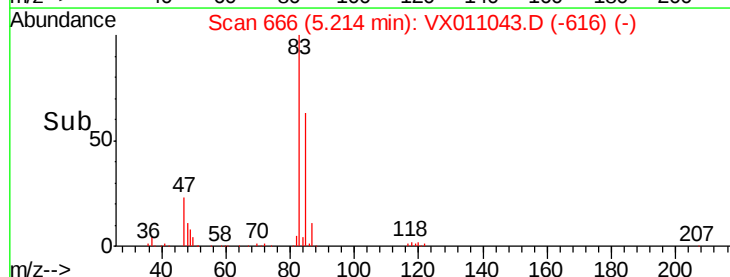
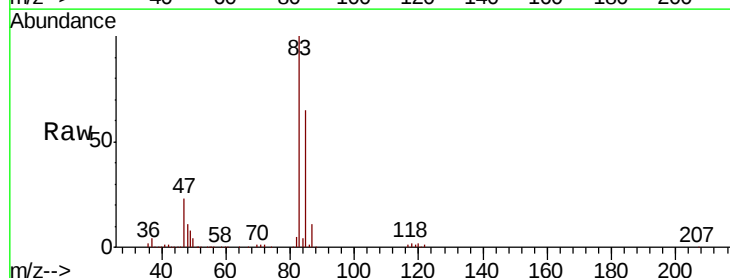
Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

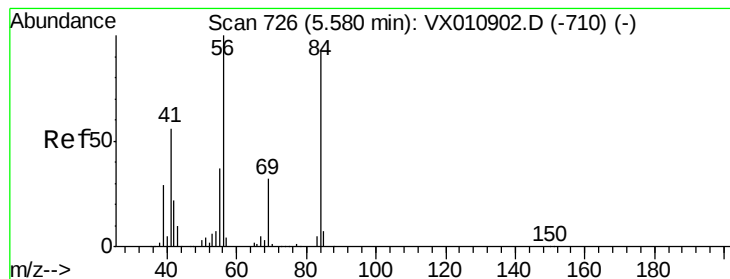
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	39.8	59.8
71	45.9	37.0	55.4



#30
Chloroform
Concen: 54.522 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.0





#31

Cyclohexane

Concen: 49.200 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

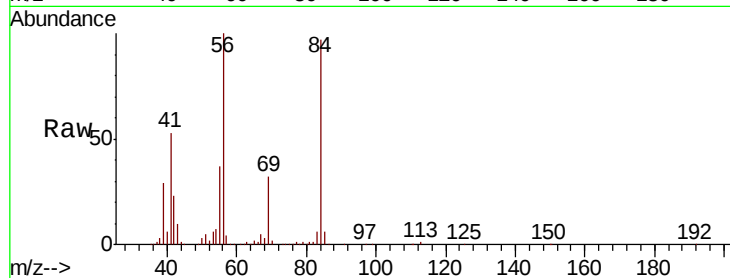
Tot Ion: 56 Resp: 148487

Ion Ratio Lower Upper

56 100

69 32.1 25.8 38.8

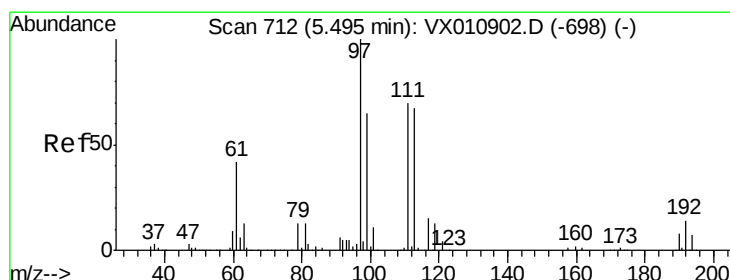
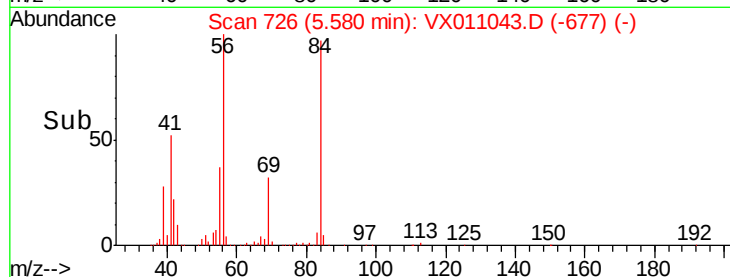
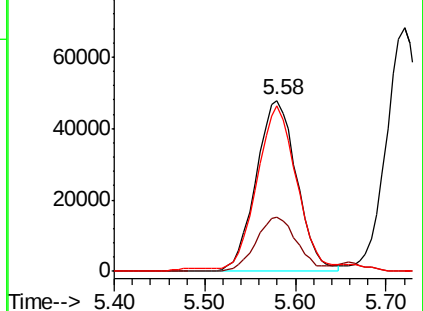
84 94.9 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.336 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

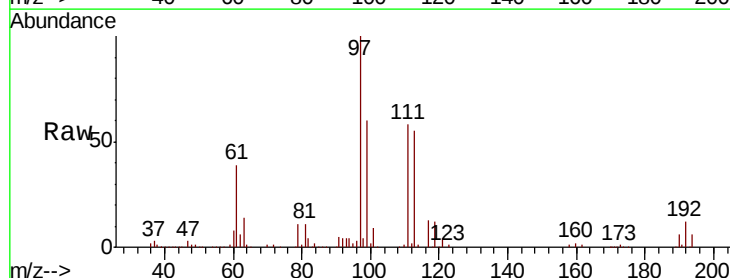
Tgt Ion: 97 Resp: 171339

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

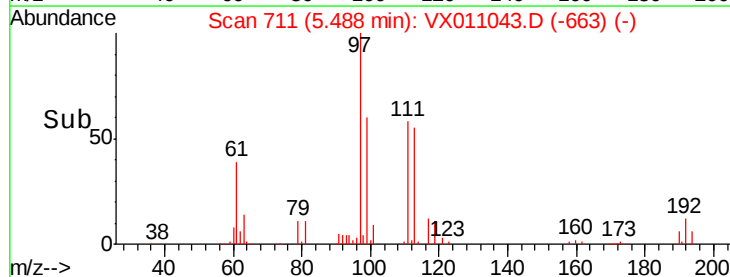
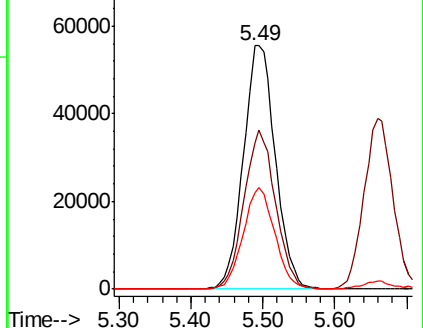
61 41.2 33.0 49.6

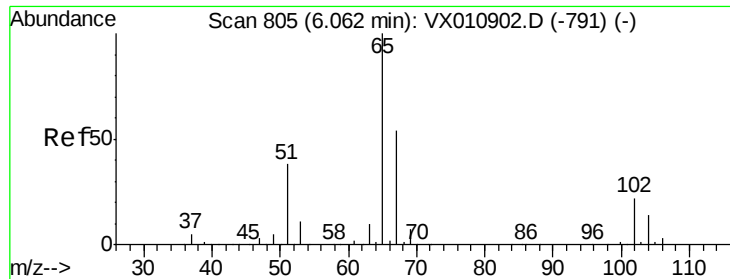


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.224 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

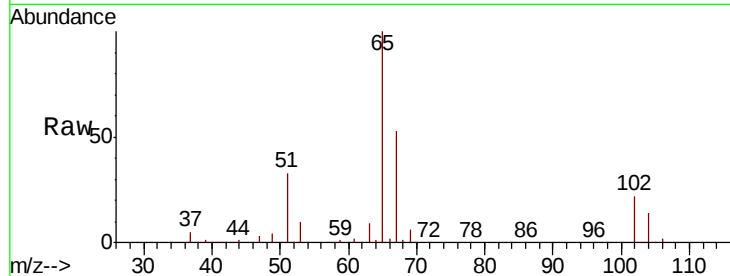
SU19-MSW0620MS

Tot Ion: 65 Resp: 118306

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

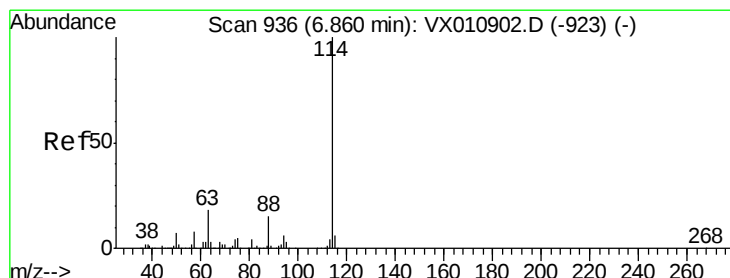
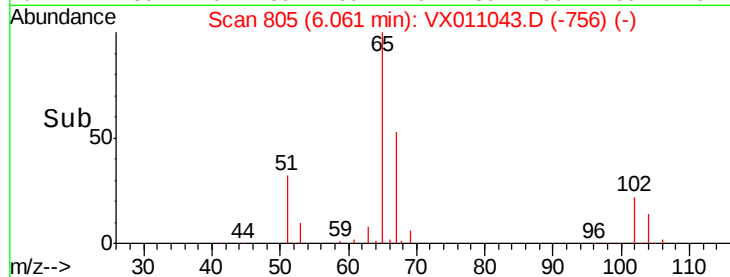
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

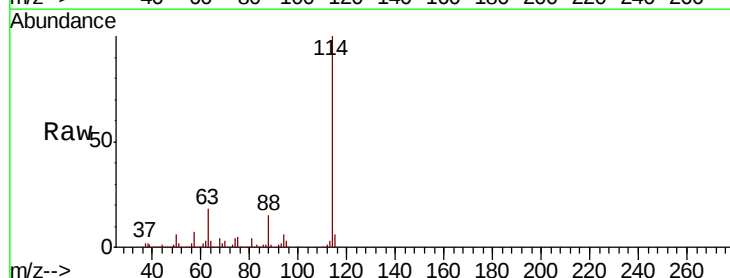
Tgt Ion: 114 Resp: 322754

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 14.8 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

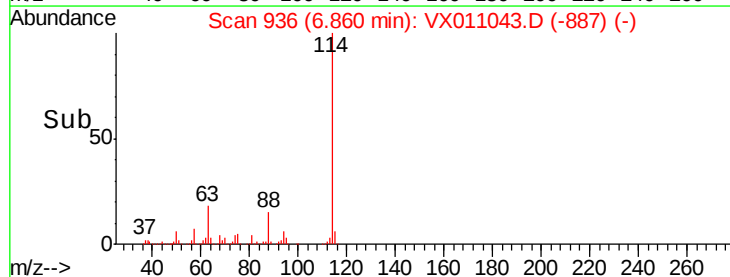
100000

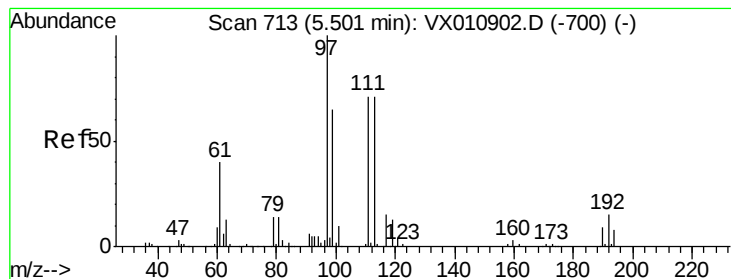
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.868 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

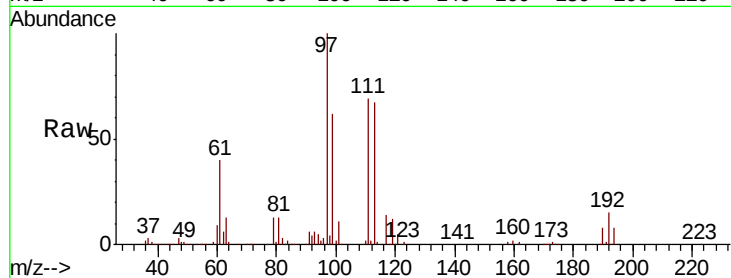
Tot Ion:113 Resp: 104207

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

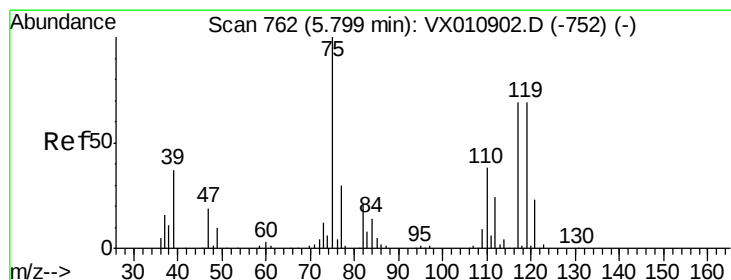
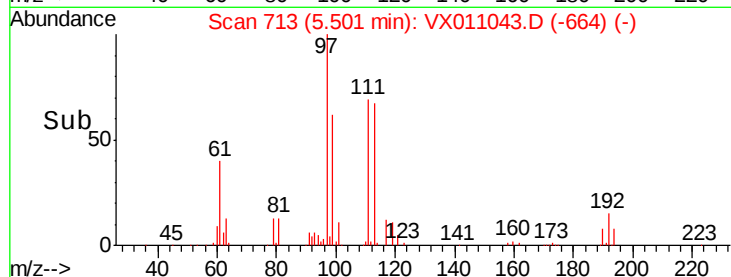
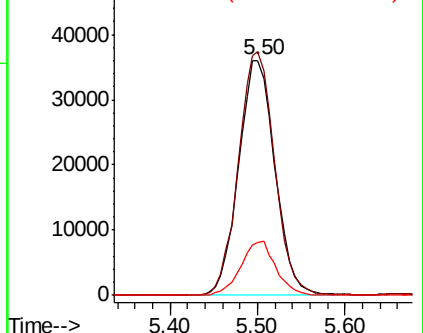
192 22.1 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.003 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

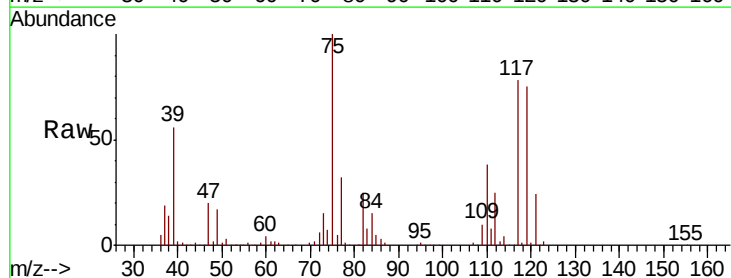
Tgt Ion: 75 Resp: 135215

Ion Ratio Lower Upper

75 100

110 39.7 19.9 59.7

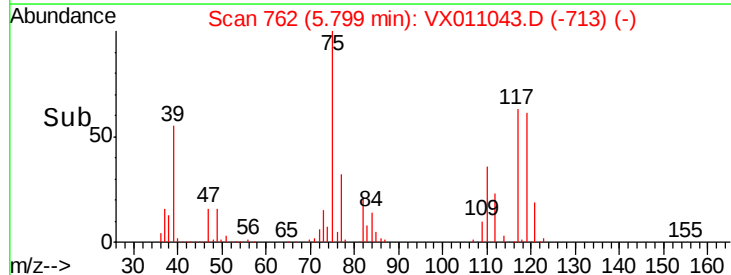
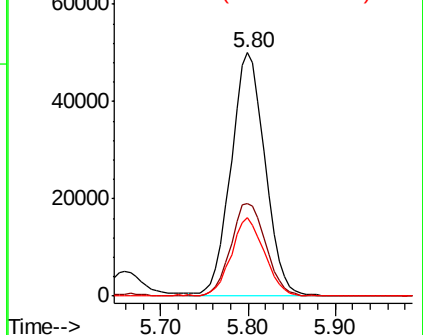
77 31.2 25.0 37.4

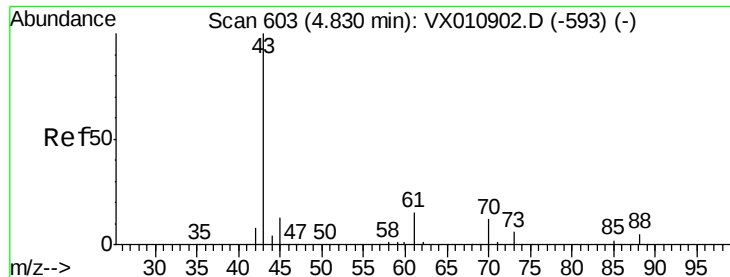


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.130 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

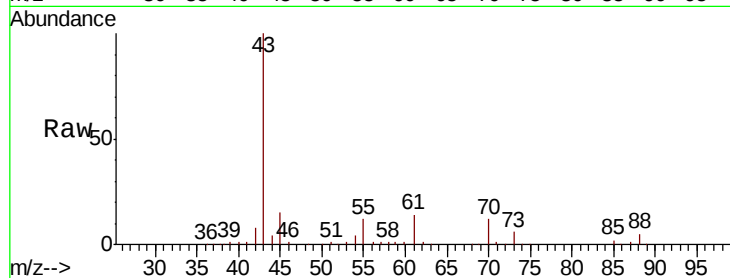
Tot Ion: 43 Resp: 136087

Ion Ratio Lower Upper

43 100

61 14.5 11.6 17.4

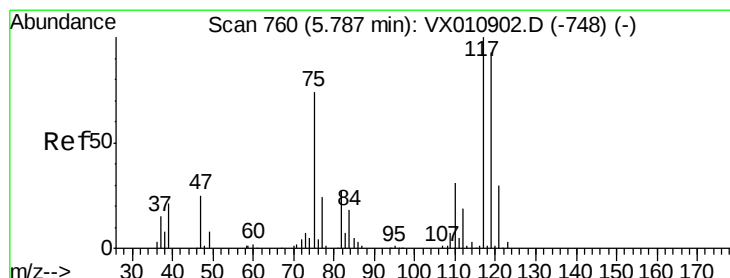
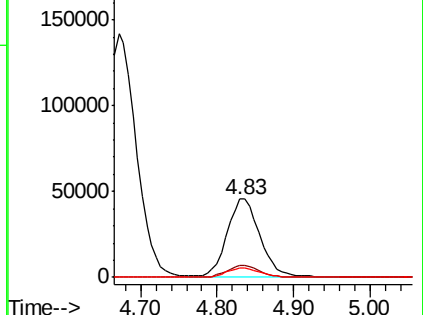
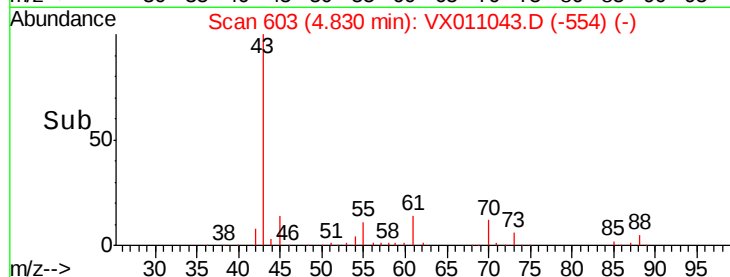
70 11.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX011043.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX011043.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX011043.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 53.391 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

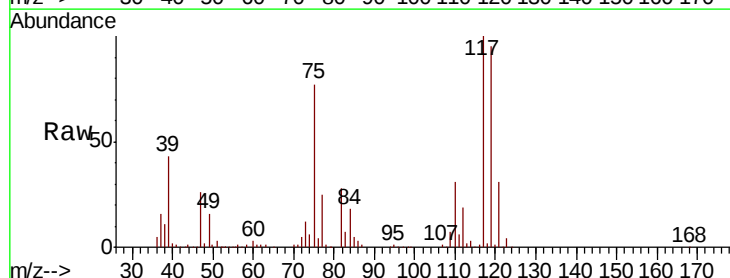
Tgt Ion: 117 Resp: 147497

Ion Ratio Lower Upper

117 100

119 95.4 74.2 111.2

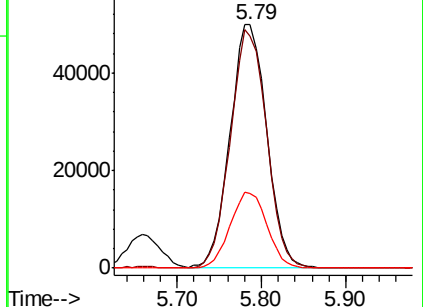
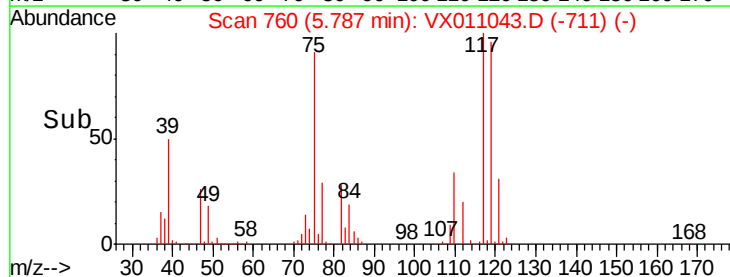
121 30.9 24.2 36.2

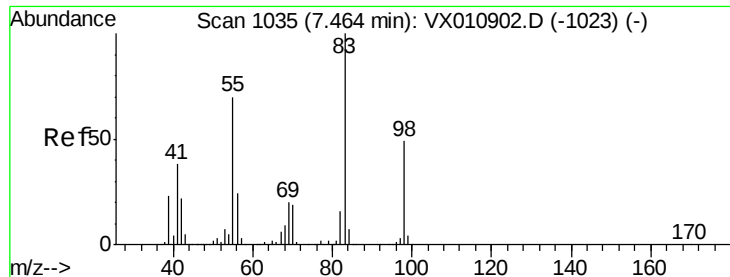


Abundance Ion 116.80 (116.50 to 117.50): VX011043.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX011043.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011043.D (-711) (-)

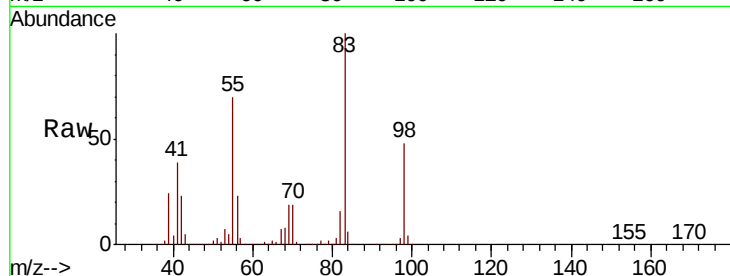




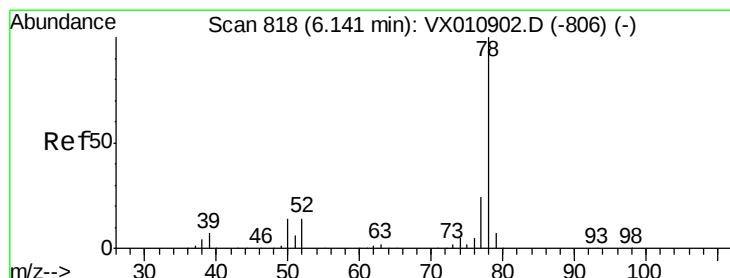
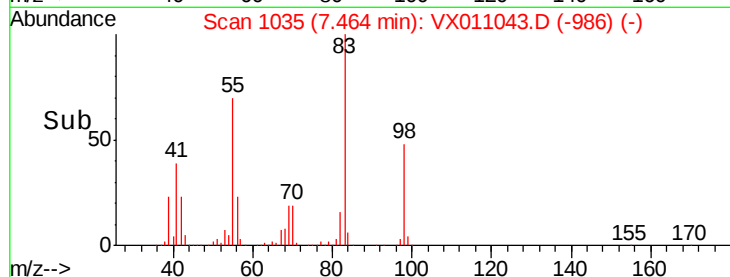
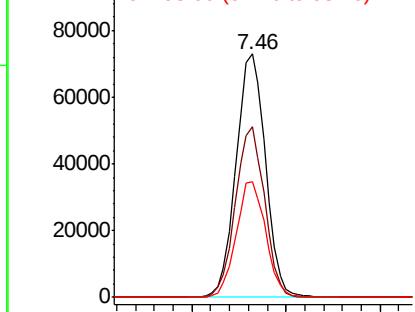
#39
Methylvlcvclohexane
Concen: 46.352 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

Tot Ion: 83 Resp: 159357
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.4
98 47.6 39.0 58.4

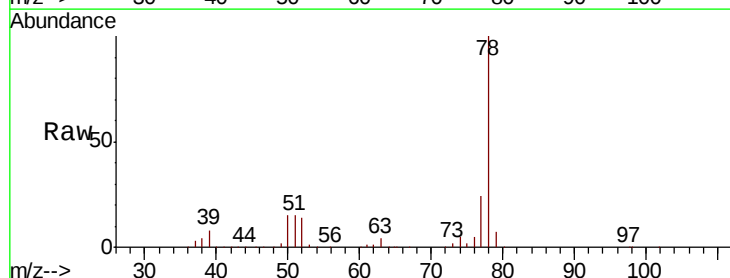


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

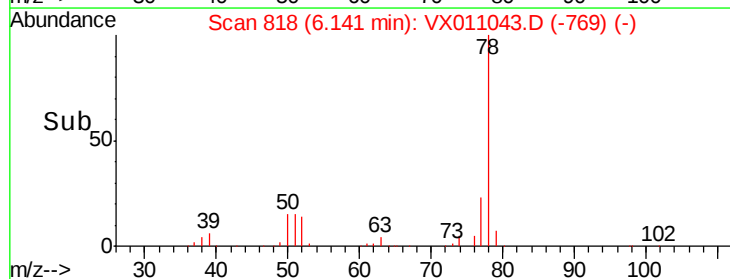
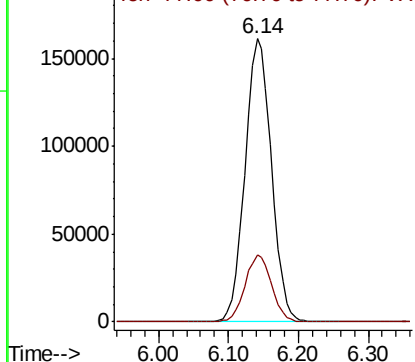


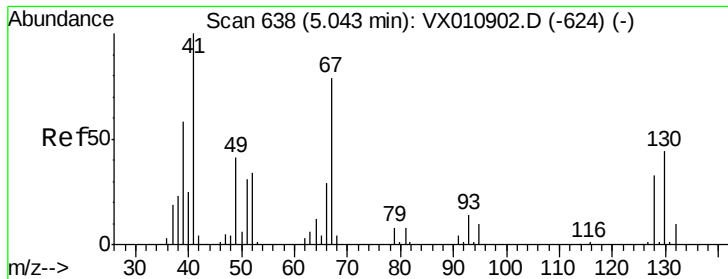
#40
Benzene
Concen: 51.886 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion: 78 Resp: 421366
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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





#41

Methacrylonitrile

Concen: 53.943 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

Tot Ion: 41 Resp: 83130

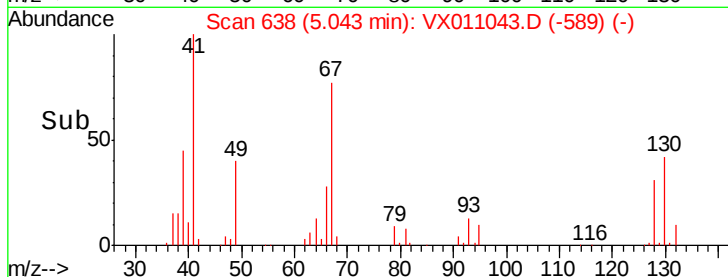
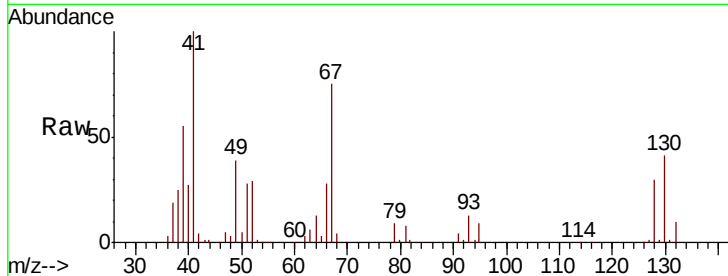
Ion Ratio Lower Upper

41 100

39 54.2 45.4 68.2

67 77.8 65.9 98.9

52 31.1 26.2 39.2

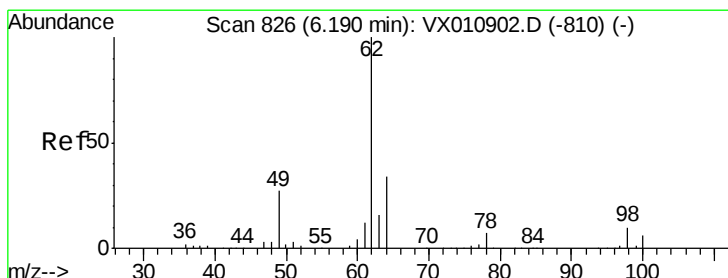
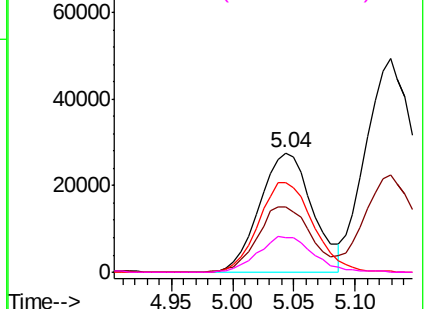


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.676 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011043.D

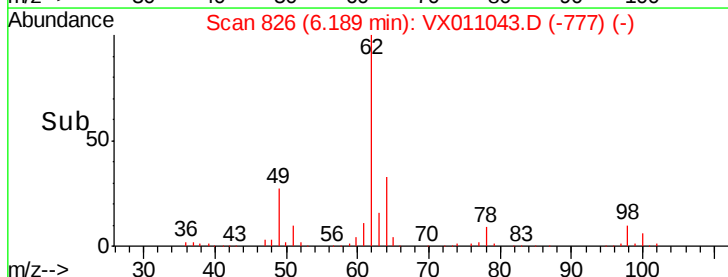
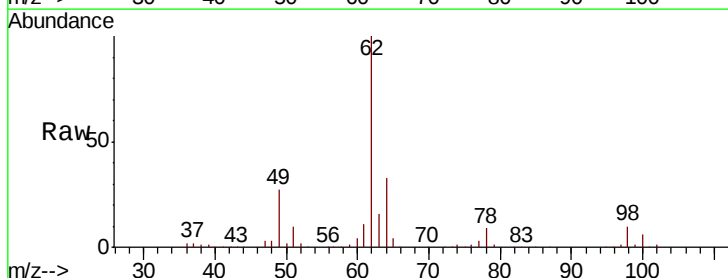
Acq: 22 Jul 2019 20:07

Tgt Ion: 62 Resp: 151562

Ion Ratio Lower Upper

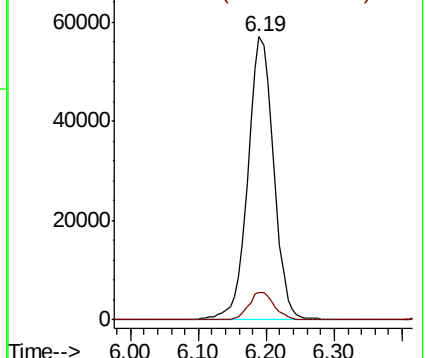
62 100

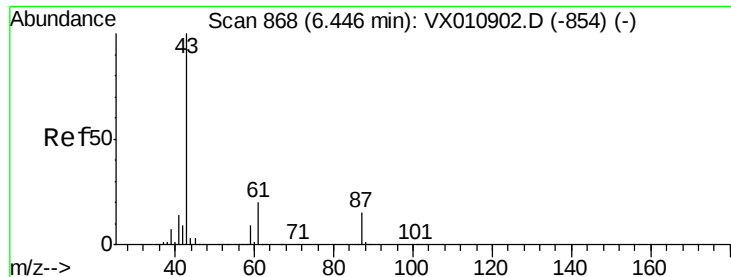
98 9.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.546 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

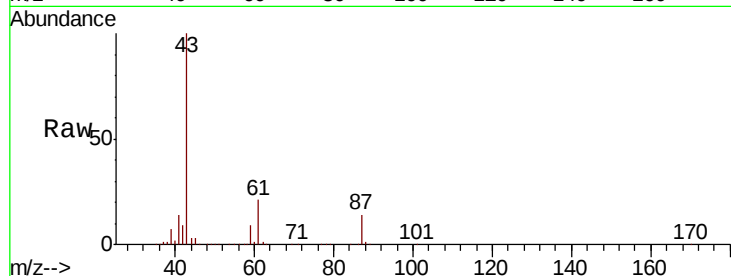
Tot Ion: 43 Resp: 230087

Ion Ratio Lower Upper

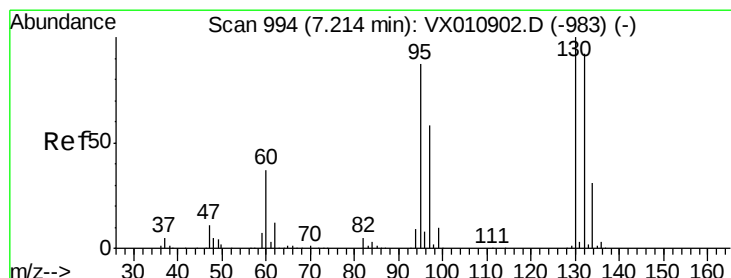
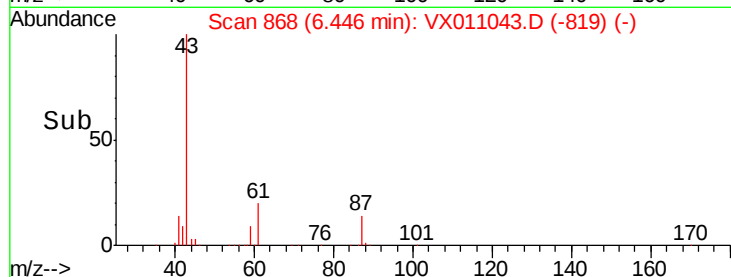
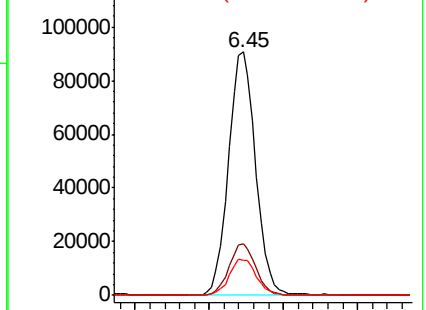
43 100

61 21.0 17.1 25.7

87 15.0 12.0 18.0



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: 50.921 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011043.D

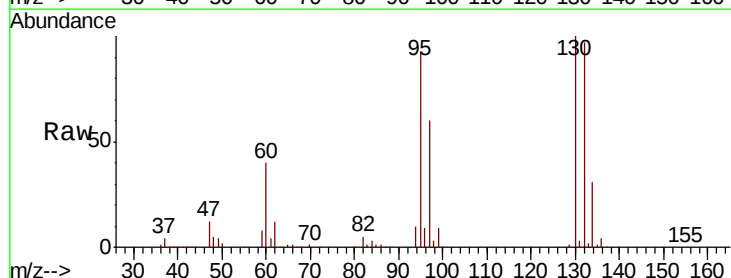
Acq: 22 Jul 2019 20:07

Tgt Ion:130 Resp: 122405

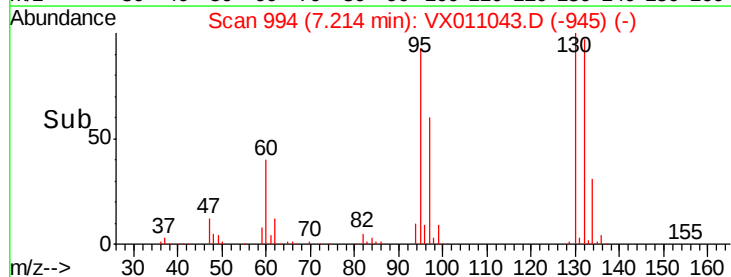
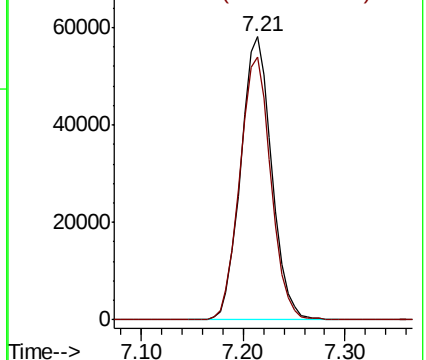
Ion Ratio Lower Upper

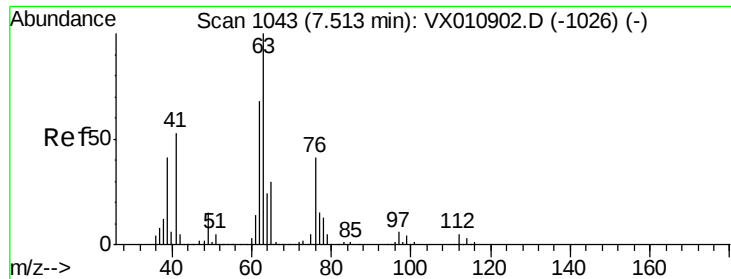
130 100

95 92.7 0.0 174.8



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

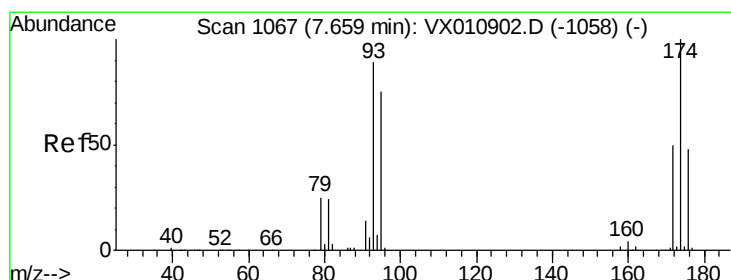
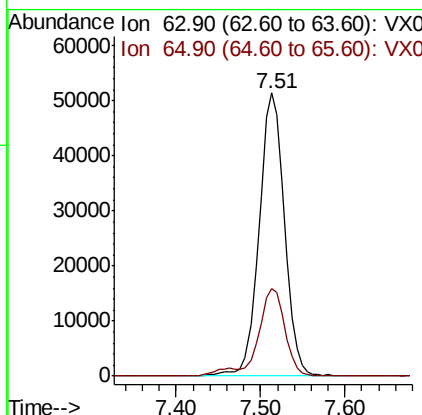
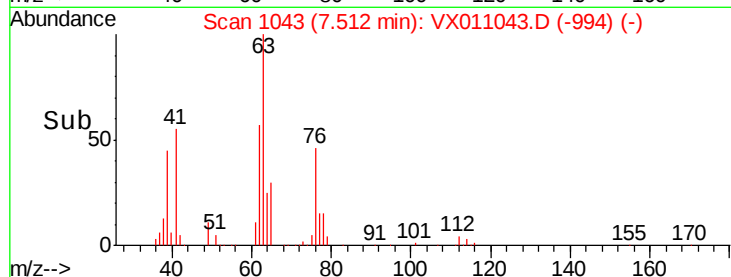
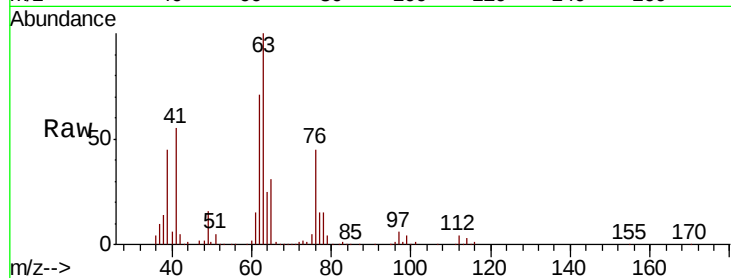




#45
 1,2-Dichloropropane
 Concen: 51.781 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

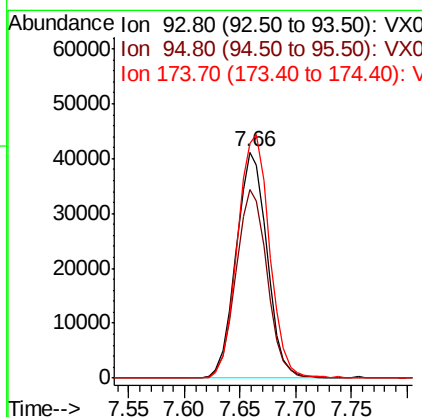
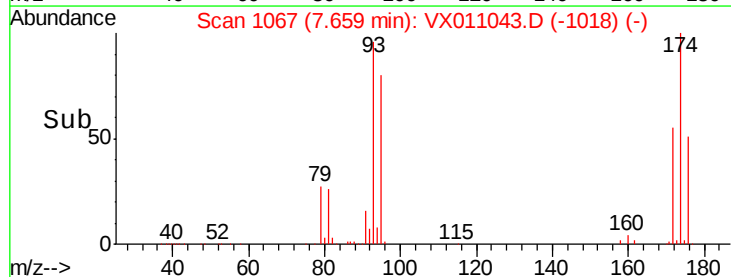
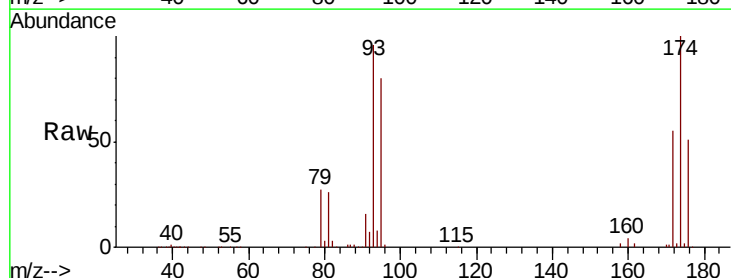
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

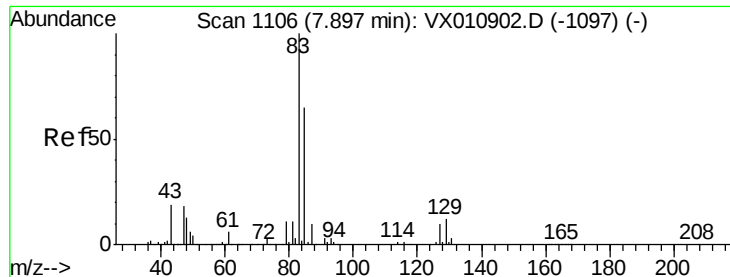
Tot Ion: 63 Resp: 107028
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.4 36.6



#46
 Dibromomethane
 Concen: 53.805 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion: 93 Resp: 79468
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 111.3 90.6 135.8





#47

Bromodichloromethane

Concen: 55.285 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

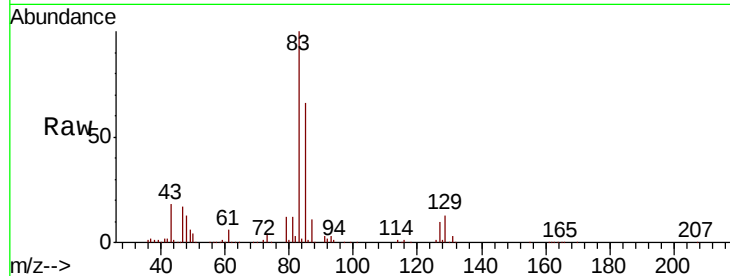
Tot Ion: 83 Resp: 145352

Ion Ratio Lower Upper

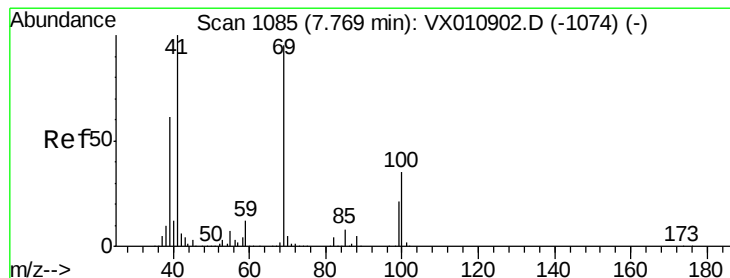
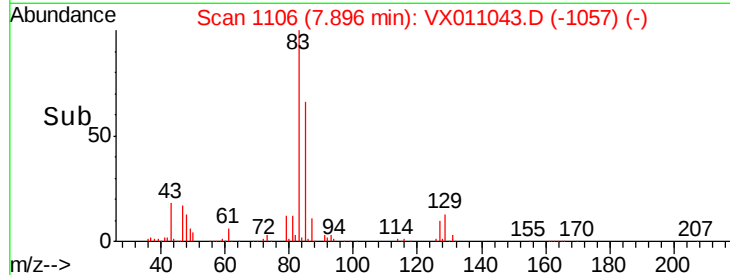
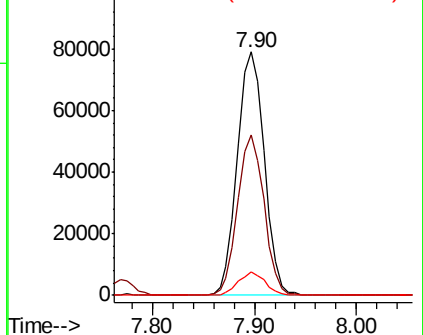
83 100

85 65.7 52.5 78.7

127 9.7 7.8 11.8



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: 54.540 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

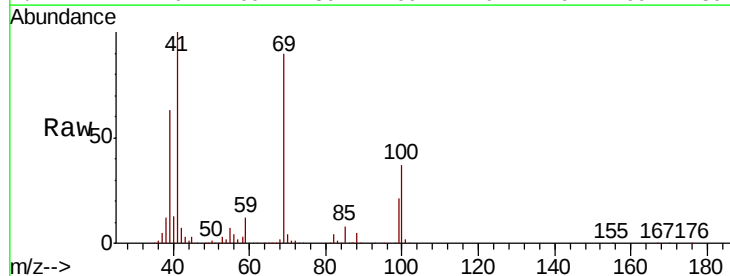
Tgt Ion: 41 Resp: 118598

Ion Ratio Lower Upper

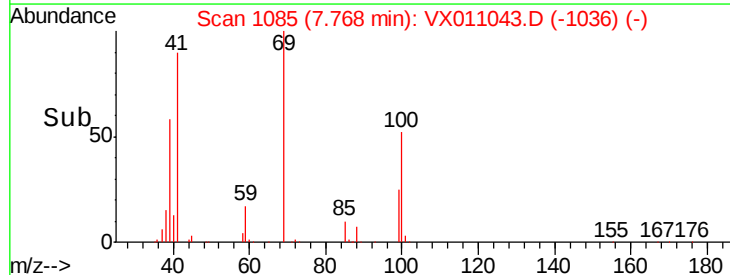
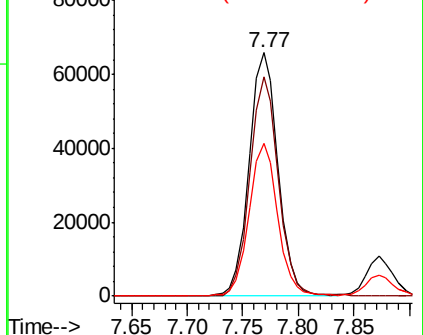
41 100

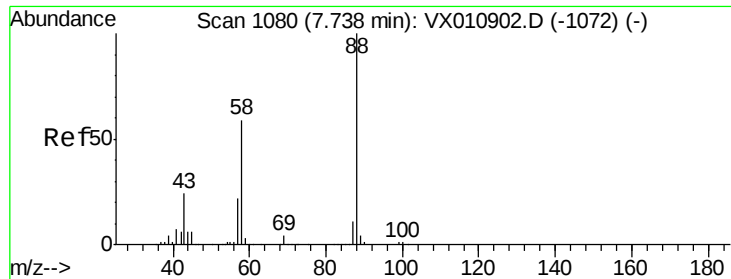
69 89.7 74.4 111.6

39 61.9 48.9 73.3



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

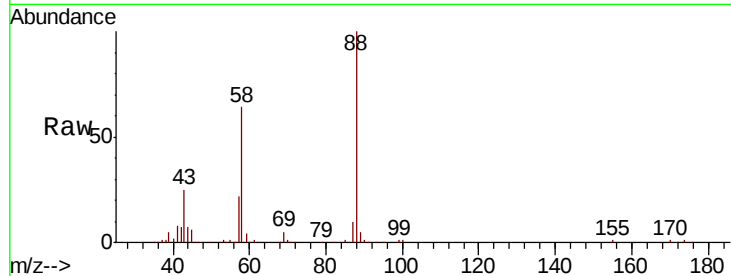




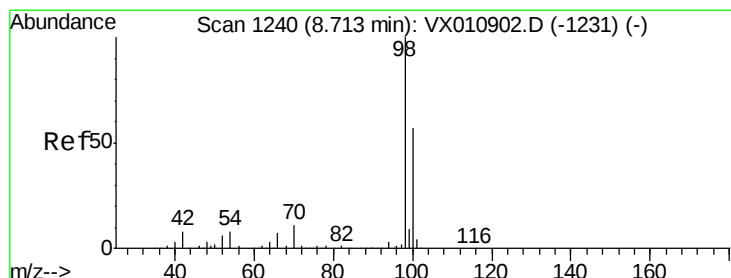
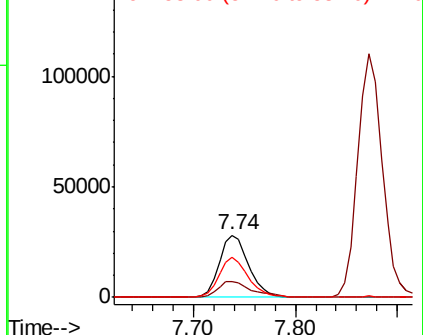
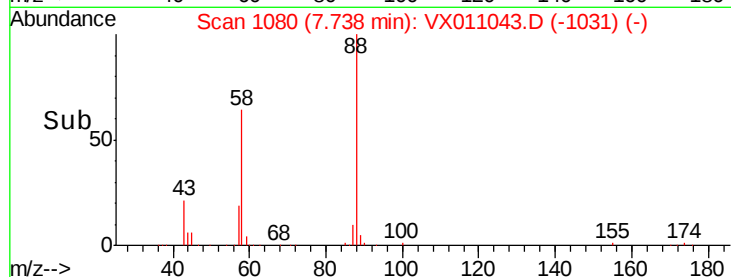
#49
 1,4-Dioxane
 Concen: 925.996 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

Tot Ion	88	Resp	56325
Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.9	34.3
58	63.3	49.8	74.8

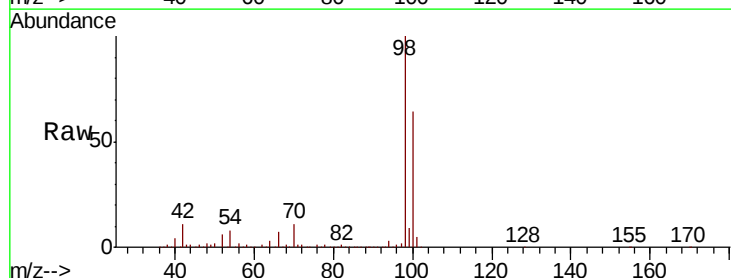


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

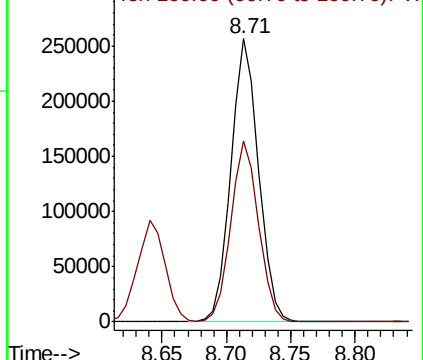
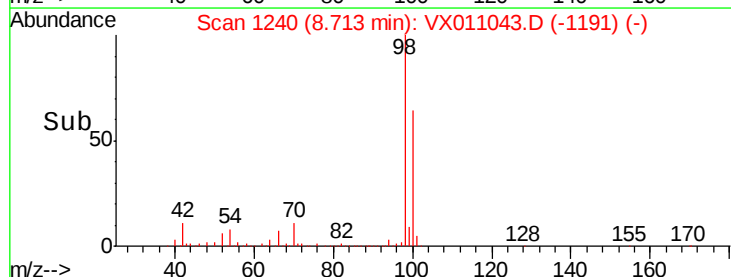


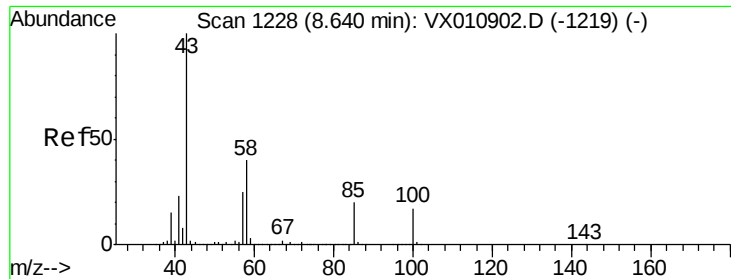
#50
 Toluene-d8
 Concen: 50.065 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion	98	Resp	384676
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8



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

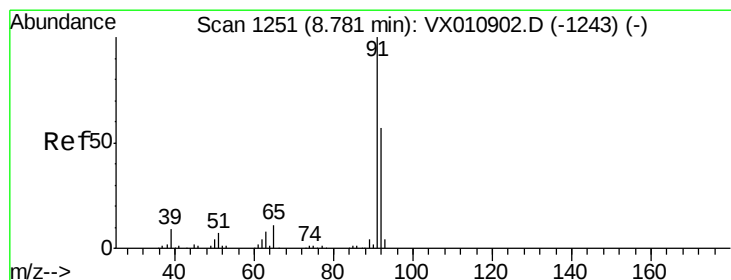
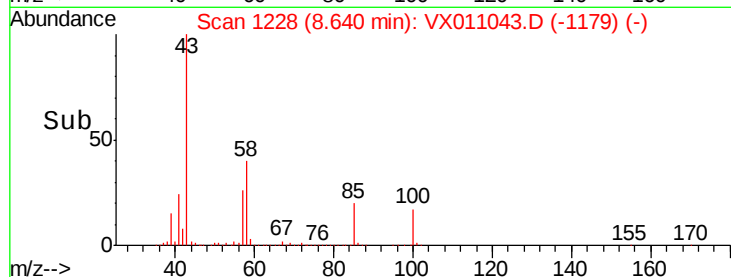
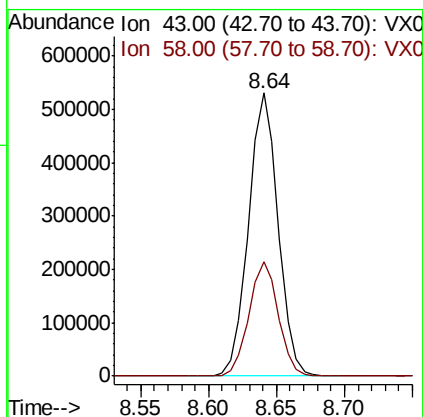
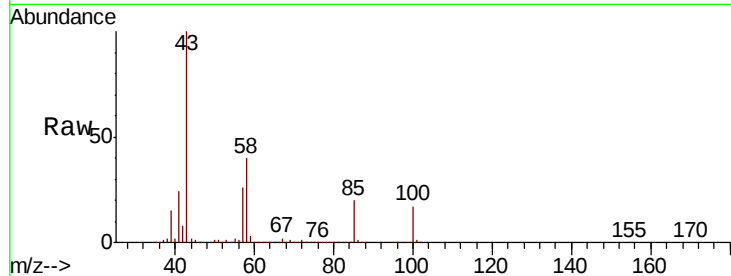




#51
 4-Methyl-2-Pentanone
 Concen: 279.559 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

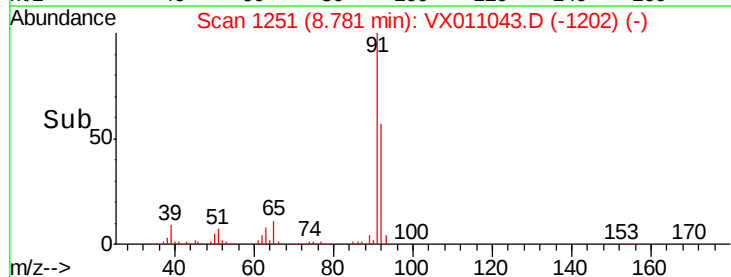
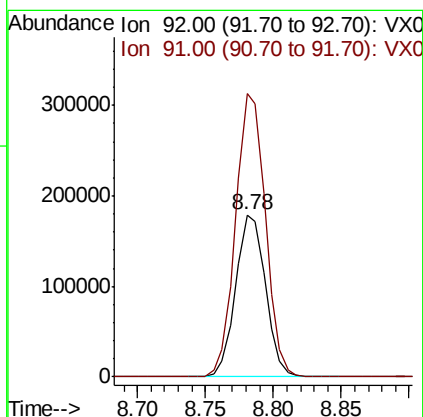
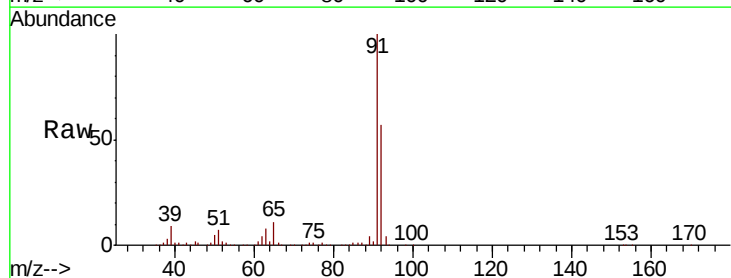
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

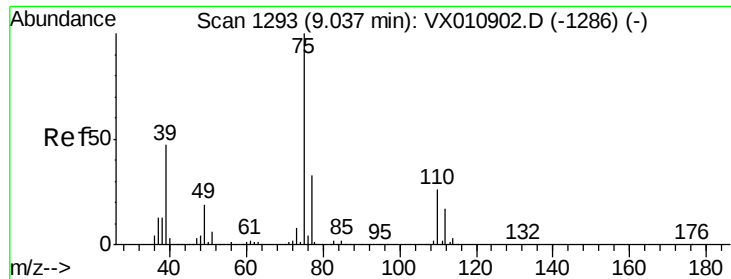
Tot Ion: 43 Resp: 808924
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.4



#52
 Toluene
 Concen: 51.330 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion: 92 Resp: 273840
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 54.120 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

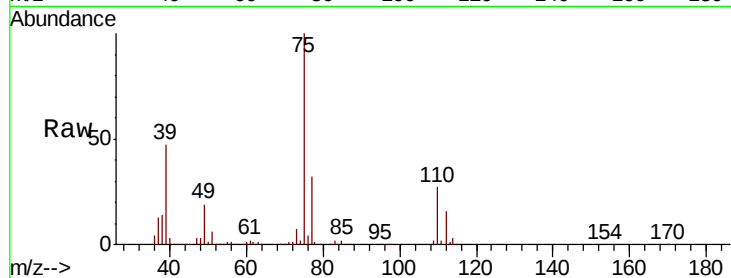
SU19-MSW0620MS

Tot Ion: 75 Resp: 152996

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

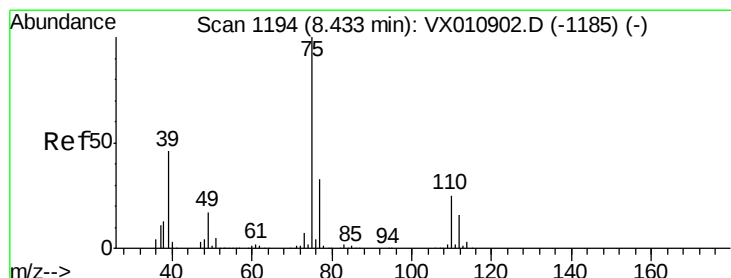
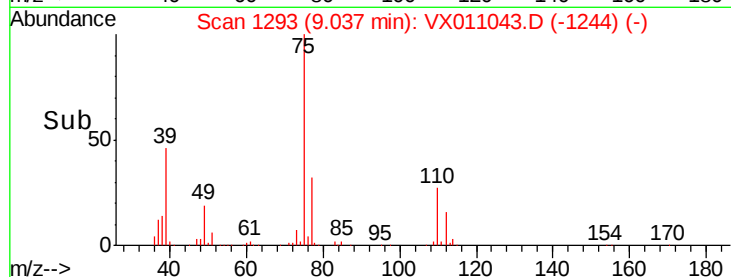
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 52.936 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

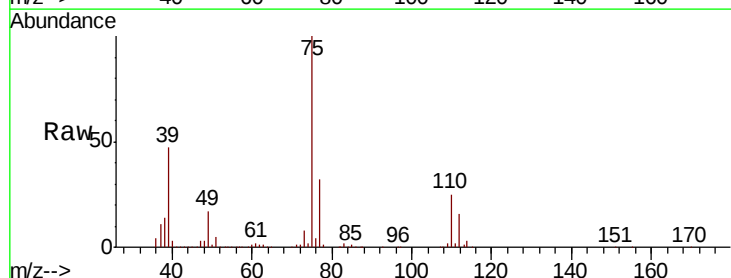
Tgt Ion: 75 Resp: 166520

Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1

39 47.1 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

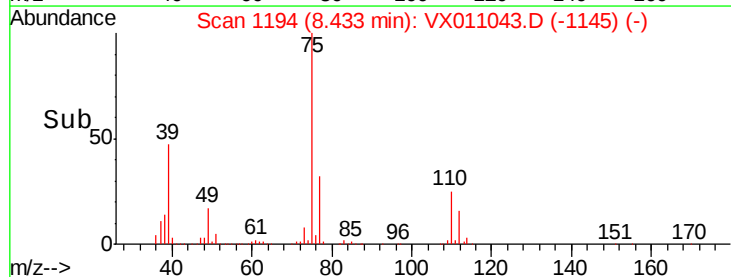
8.43

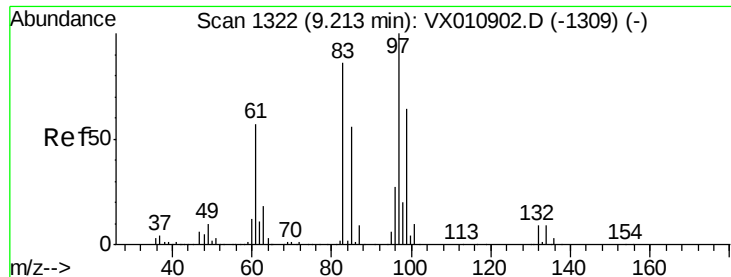
100000

50000

0

Time--> 8.40 8.50

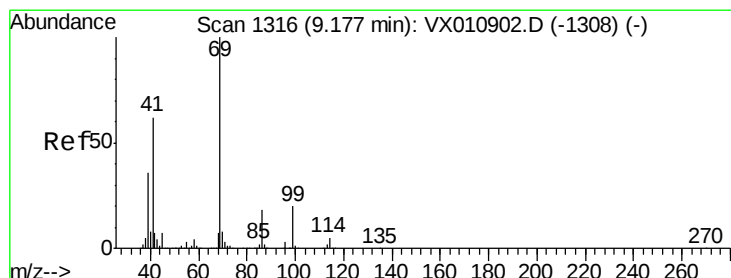
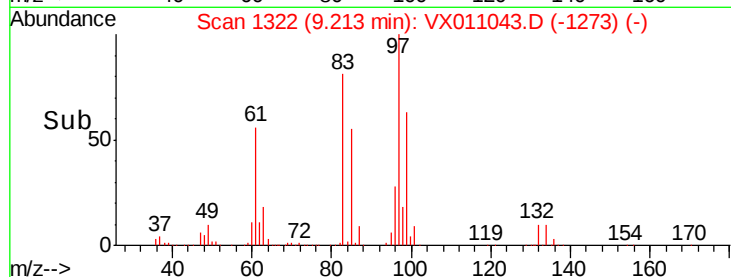
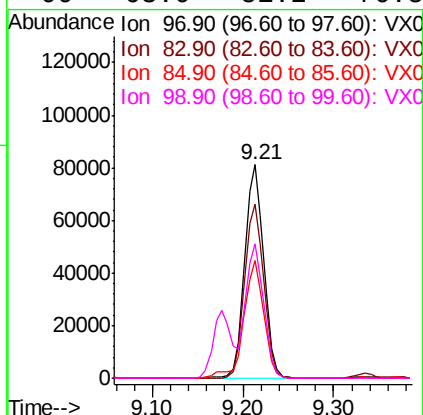
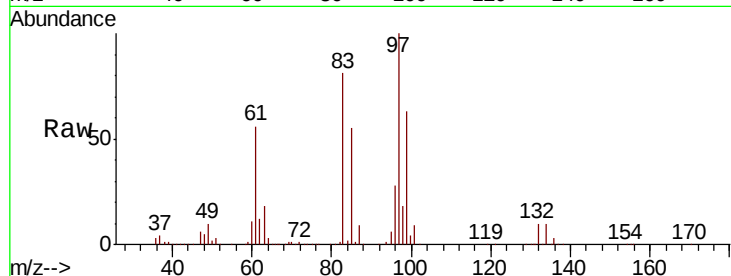




#55
 1,1,2-Trichloroethane
 Concen: 53.615 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

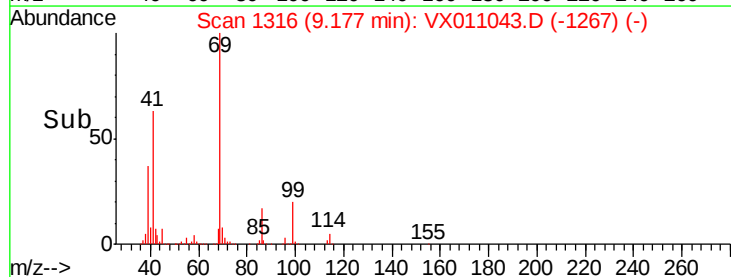
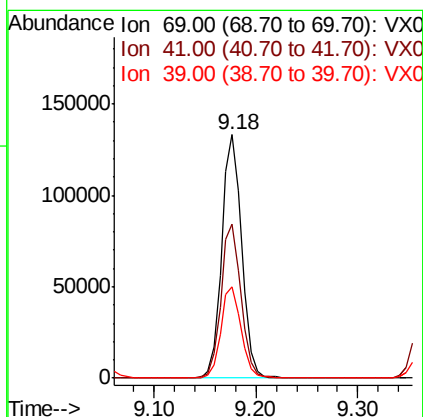
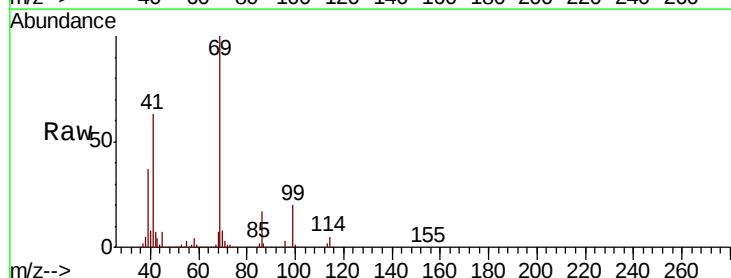
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

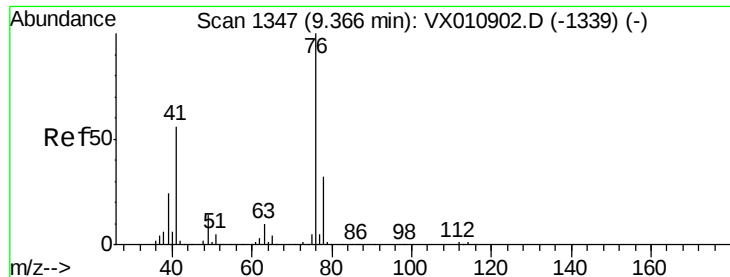
Tot Ion:	97	Resp:	117771
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.2	103.8
85	55.0	44.6	66.8
99	63.0	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 56.563 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion:	69	Resp:	181745
Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.7	74.5
39	37.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 53.503 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

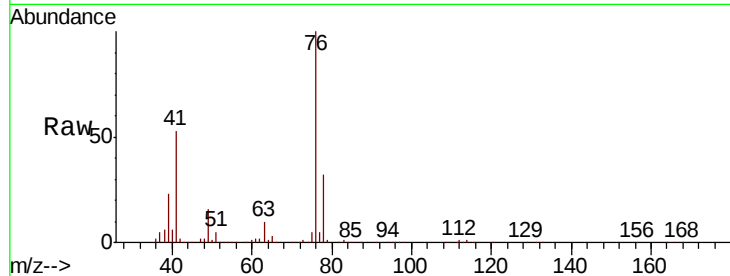
SU19-MSW0620MS

Tot Ion: 76 Resp: 186441

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

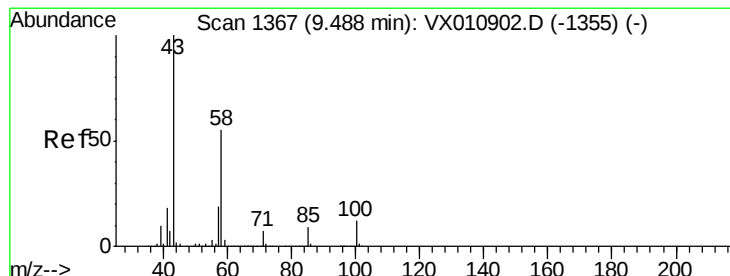
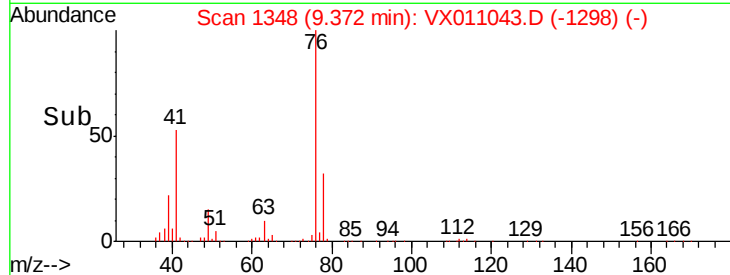
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 285.278 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX011043.D

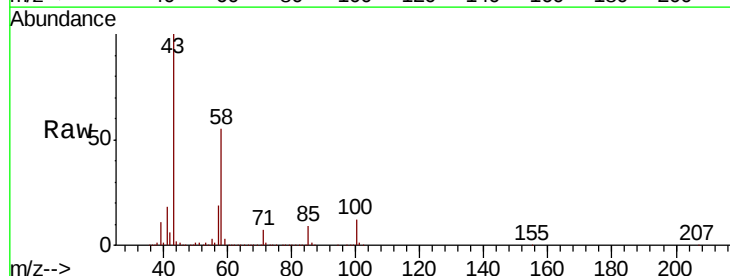
Acq: 22 Jul 2019 20:07

Tgt Ion: 43 Resp: 640251

Ion Ratio Lower Upper

43 100

58 55.3 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

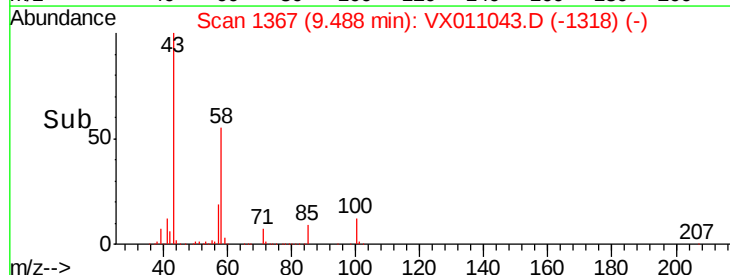
300000

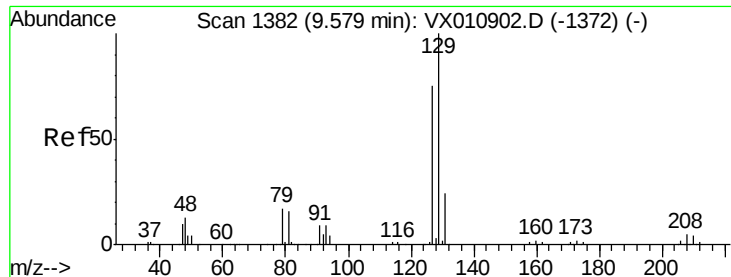
200000

100000

0

Time-->

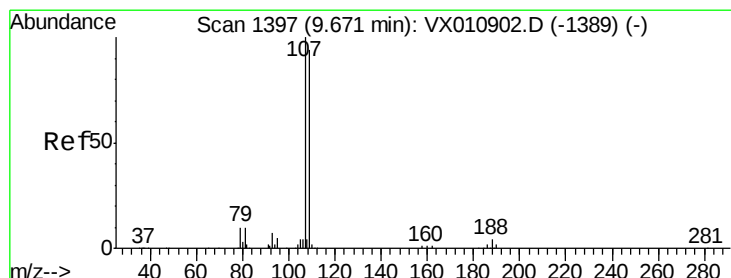
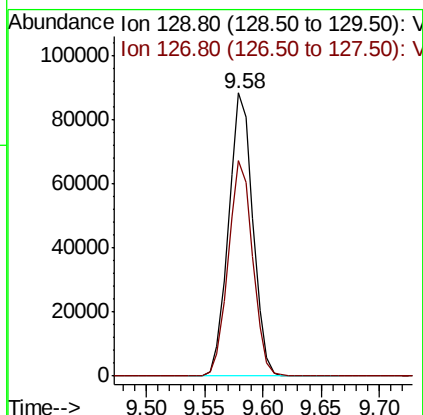
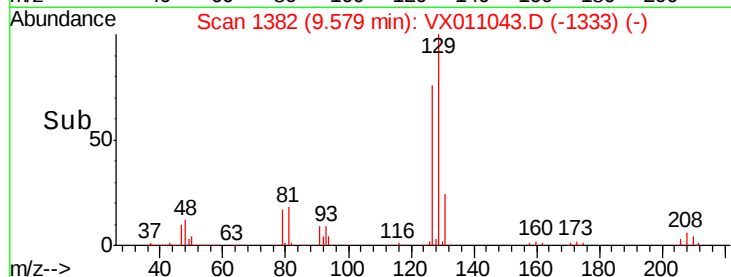
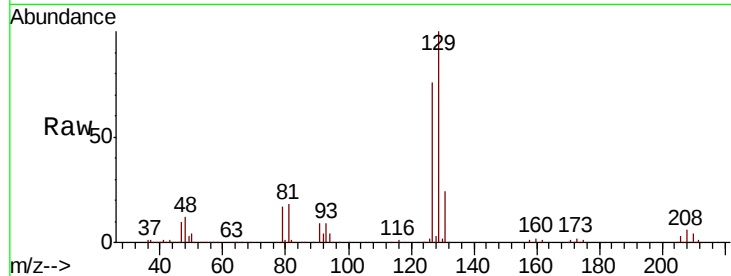




#60
 Dibromochloromethane
 Concen: 50.635 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

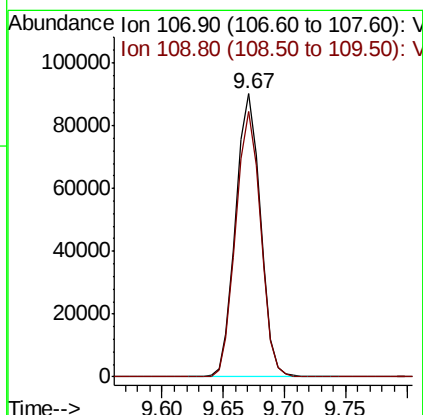
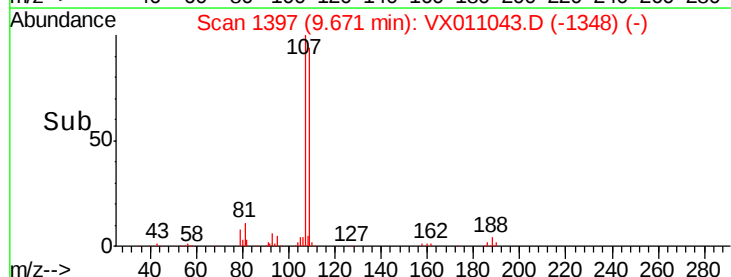
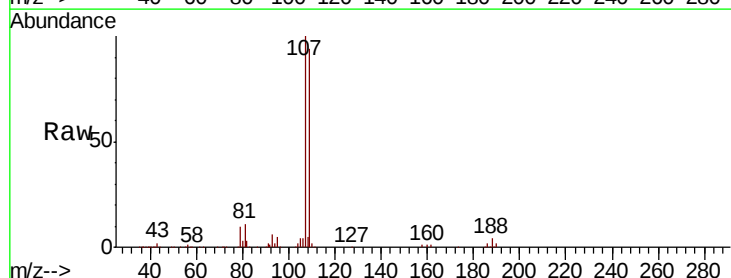
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

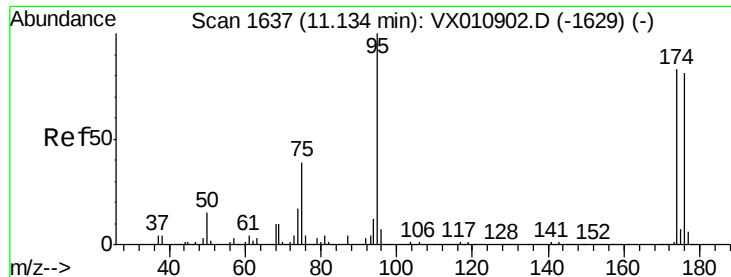
Tot Ion:129 Resp: 128093
 Ion Ratio Lower Upper
 129 100
 127 76.5 38.6 115.8



#61
 1,2-Dibromoethane
 Concen: 54.245 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion:107 Resp: 126456
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0

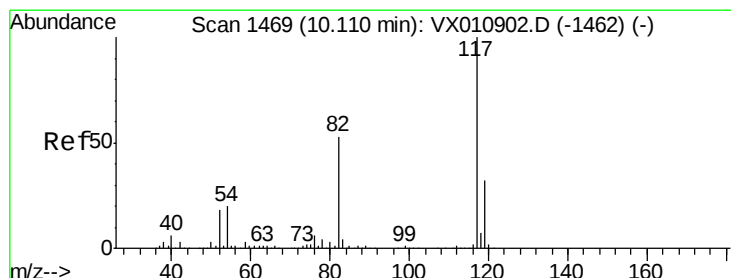
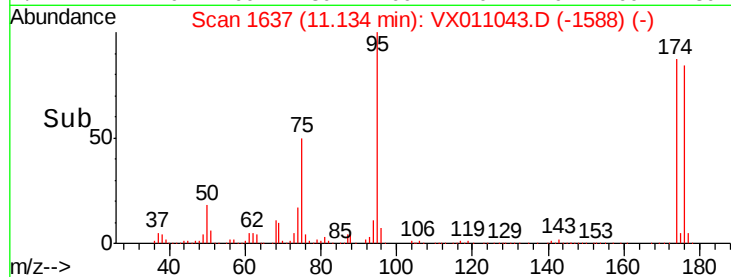
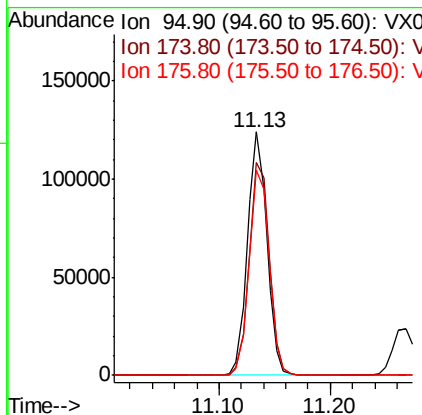
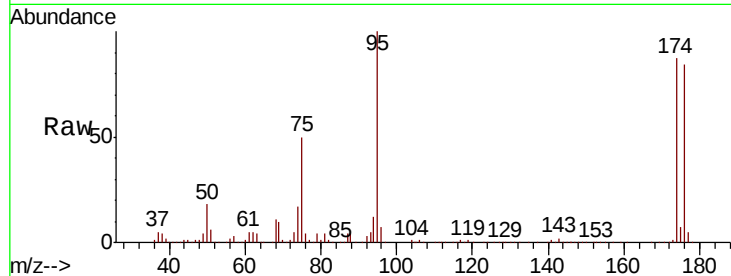




#62
4-Bromofluorobenzene
Concen: 53.209 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

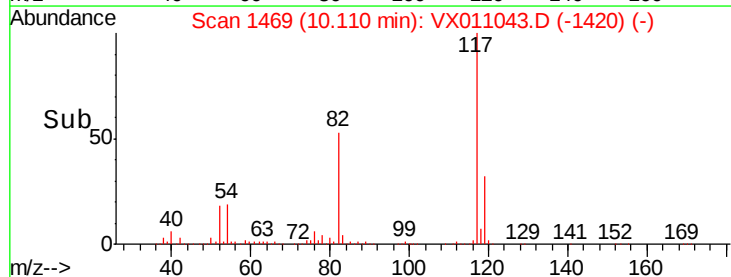
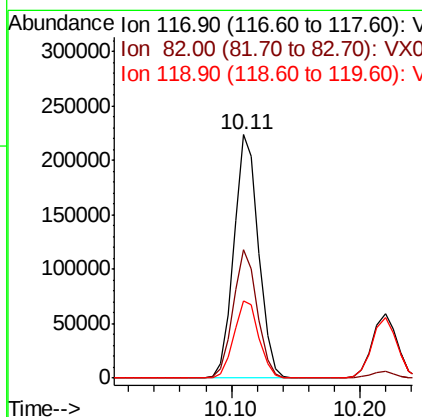
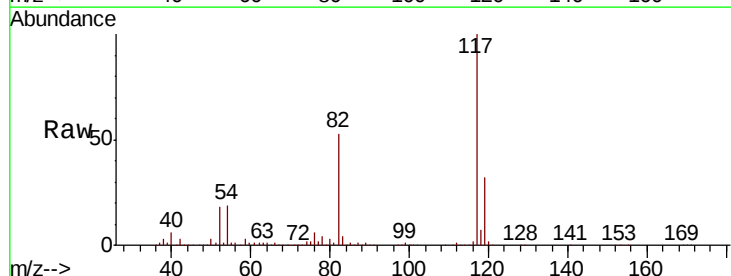
Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

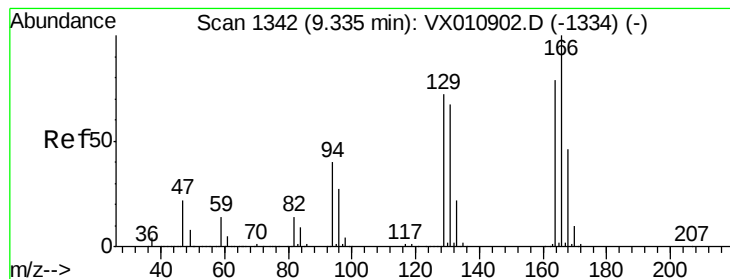
Tot Ion: 95 Resp: 150275
Ion Ratio Lower Upper
95 100
174 90.9 0.0 180.6
176 87.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion: 117 Resp: 297894
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 32.0 25.9 38.9





#64

Tetrachloroethene

Concen: 49.462 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

Tot Ion:164 Resp: 115912

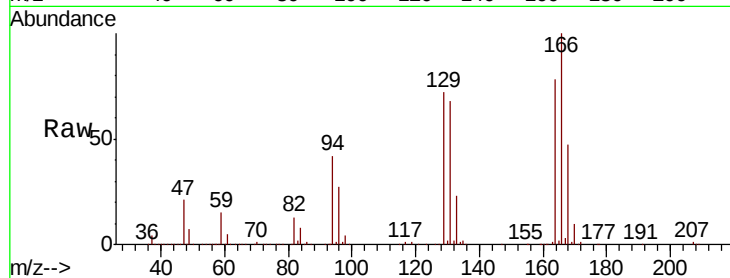
Ion Ratio Lower Upper

164 100

166 128.3 100.8 151.2

129 92.0 72.6 109.0

131 87.4 67.7 101.5

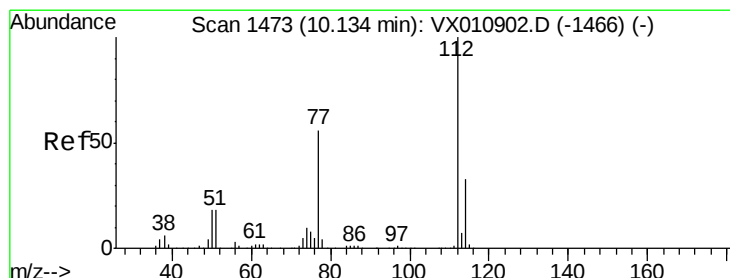
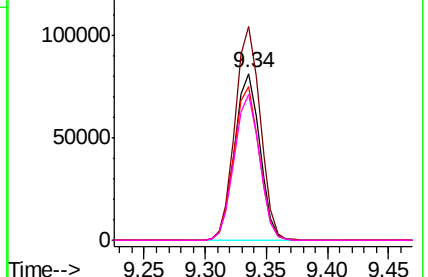
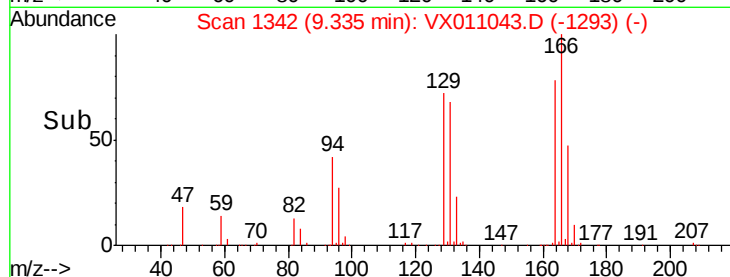


Abundance Ion 163.80 (163.50 to 164.50): V

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: 51.234 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011043.D

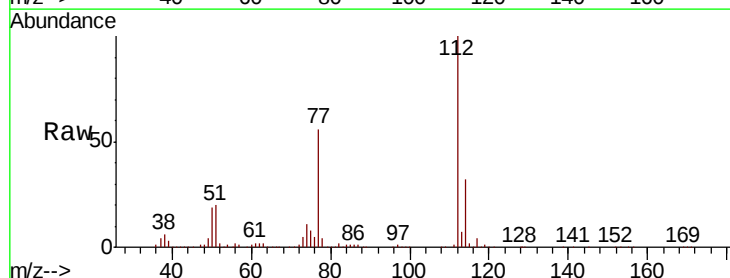
Acq: 22 Jul 2019 20:07

Tgt Ion:112 Resp: 313476

Ion Ratio Lower Upper

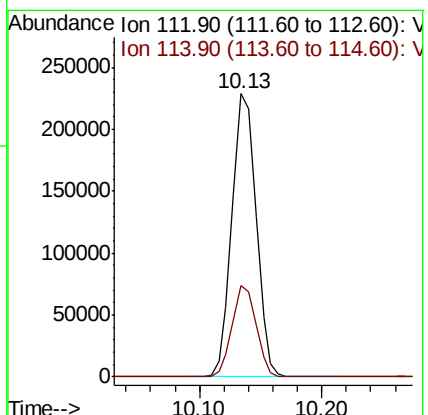
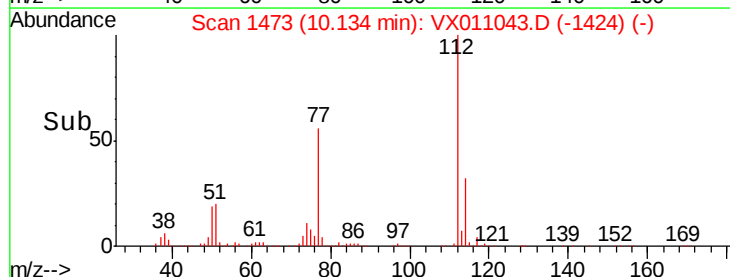
112 100

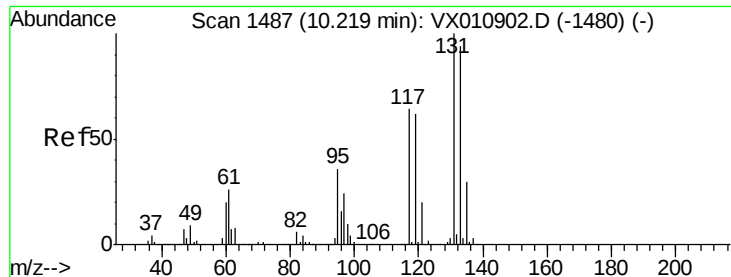
114 32.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

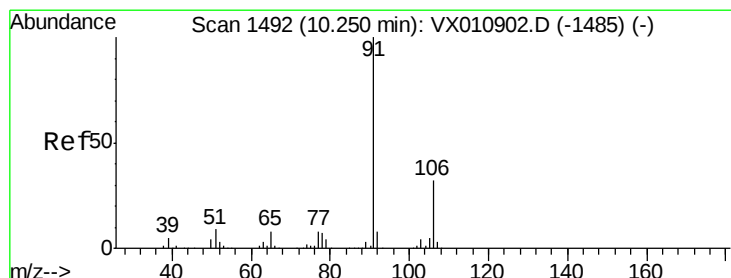
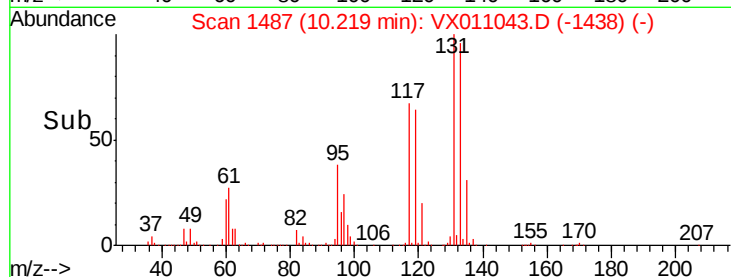
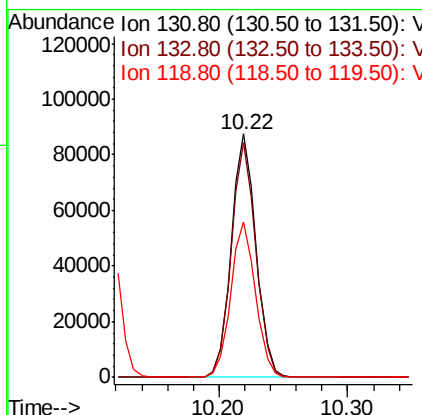
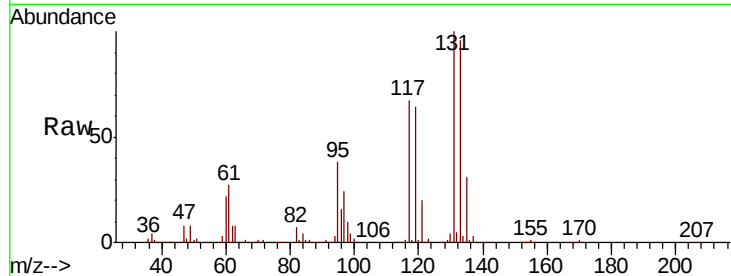




#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.503 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

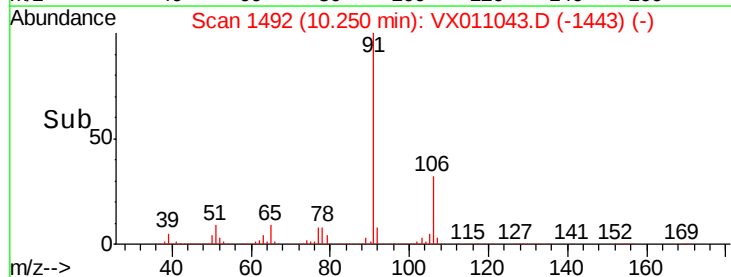
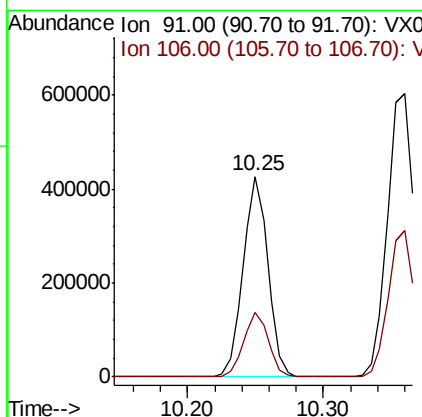
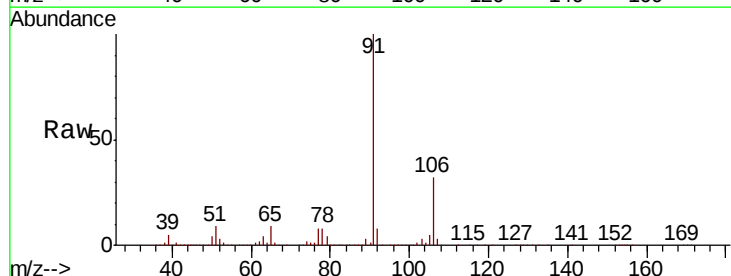
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

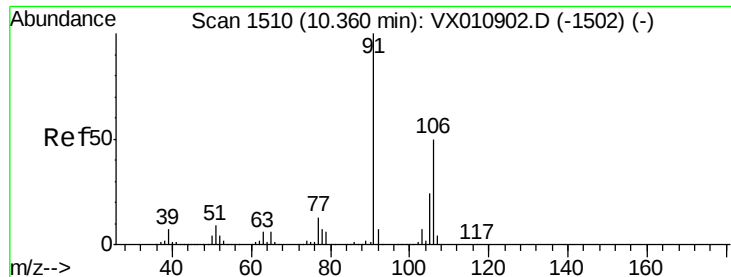
Tot Ion:131 Resp: 117201
 Ion Ratio Lower Upper
 131 100
 133 96.1 47.1 141.4
 119 64.0 31.9 95.7



#67
 Ethyl Benzene
 Concen: 52.248 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion: 91 Resp: 544130
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.4 38.2

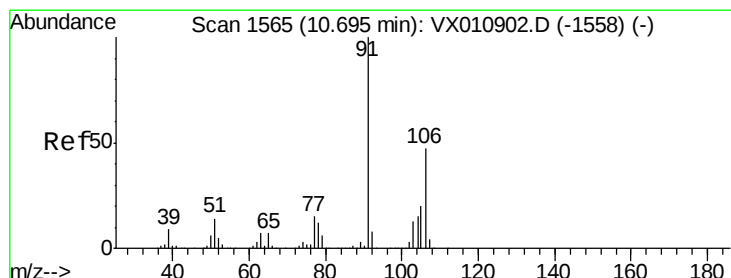
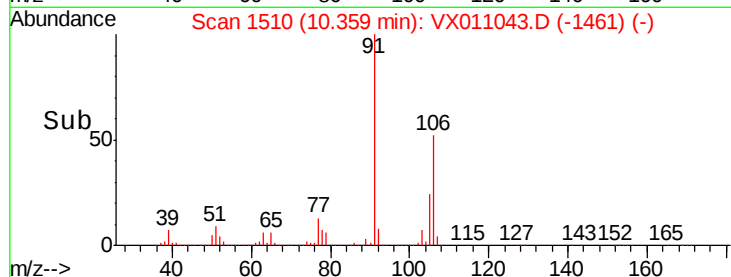
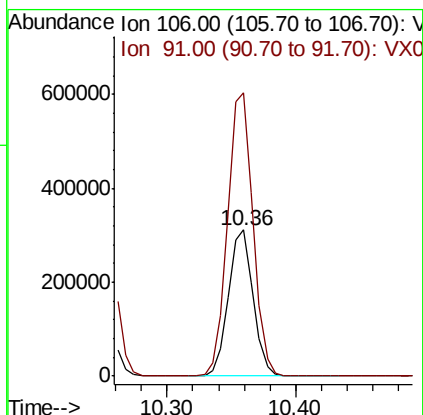
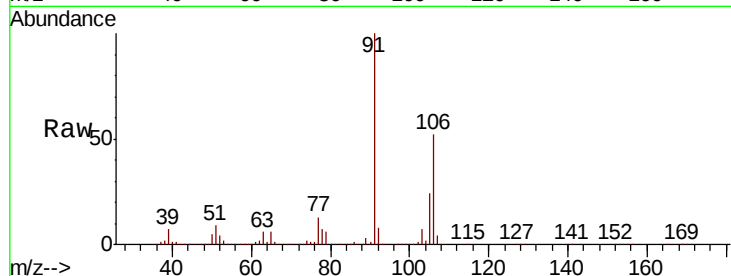




#68
m/p-Xylenes
Concen: 105.069 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

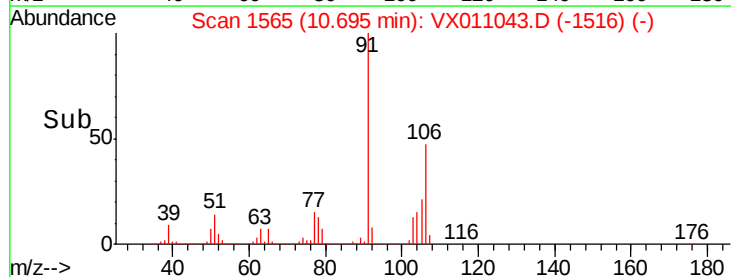
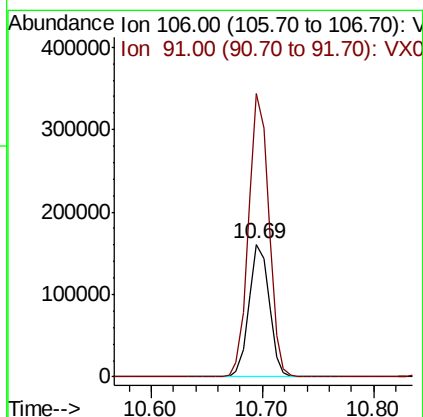
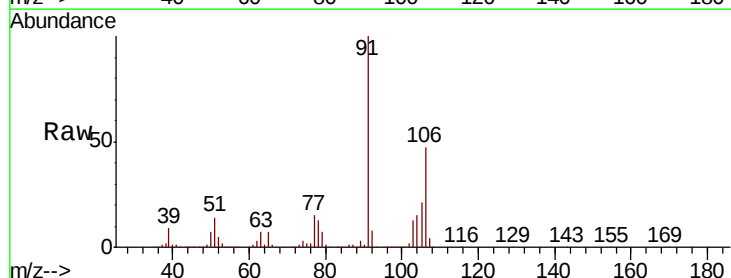
Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

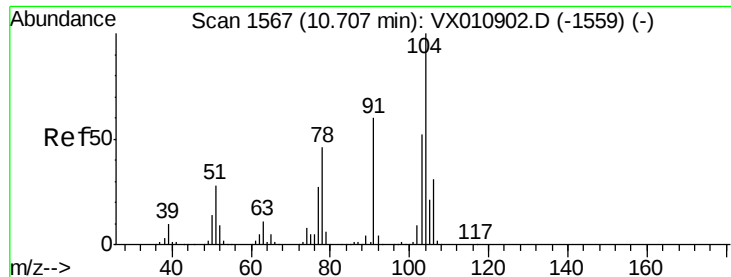
Tot Ion:106 Resp: 419740
Ion Ratio Lower Upper
106 100
91 199.6 160.1 240.1



#69
o-Xylene
Concen: 52.477 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion:106 Resp: 204596
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.3

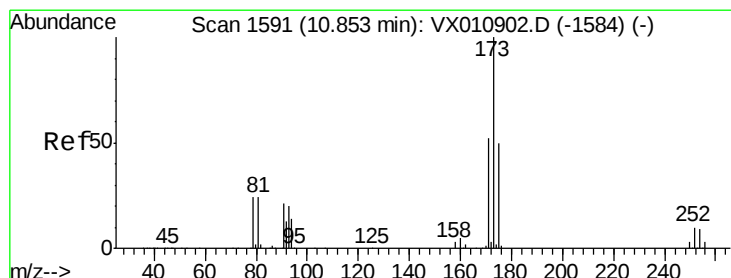
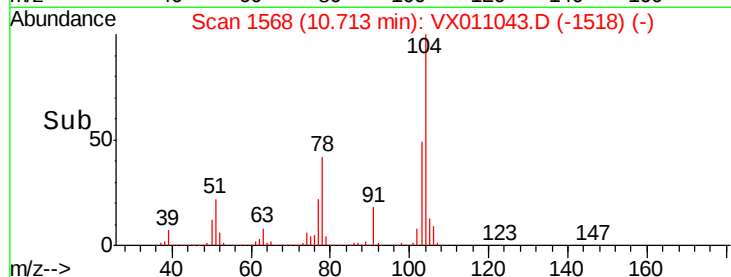
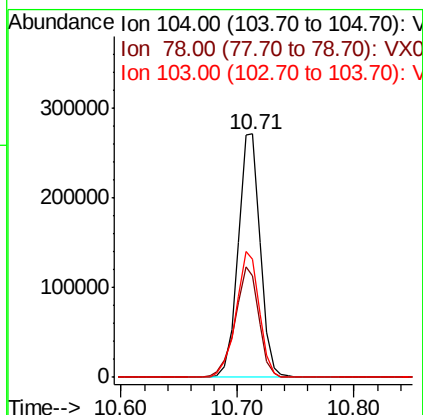
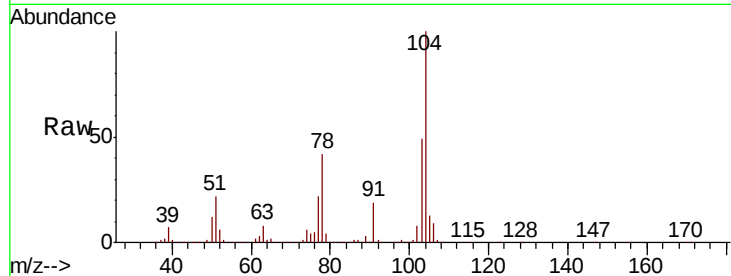




#70
Stvrene
Concen: 54.988 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

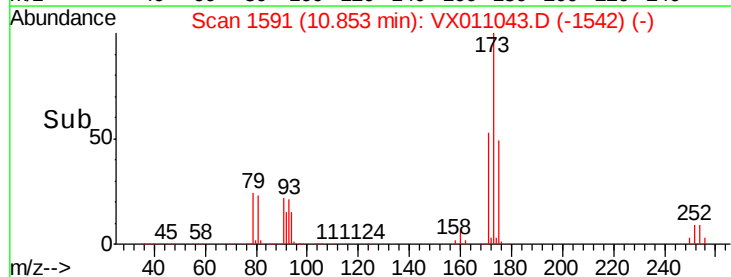
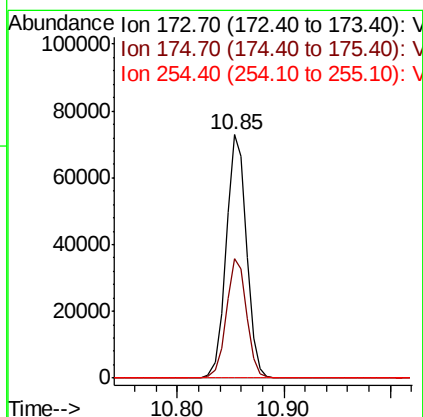
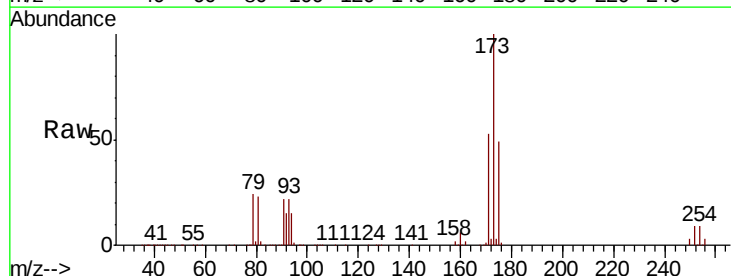
Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

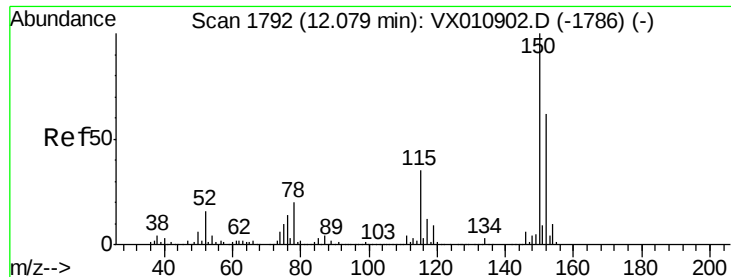
Tot Ion:104 Resp: 357384
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 54.5 44.2 66.4



#71
Bromoform
Concen: 49.670 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion:173 Resp: 97216
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.1 0.1 0.1#



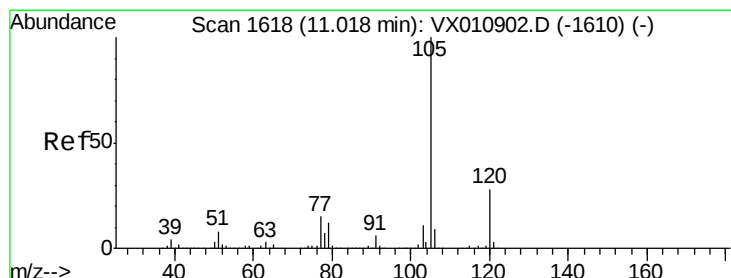
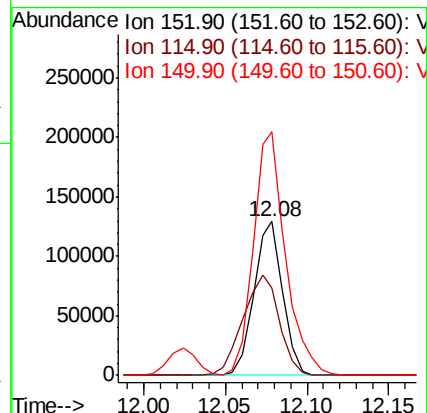
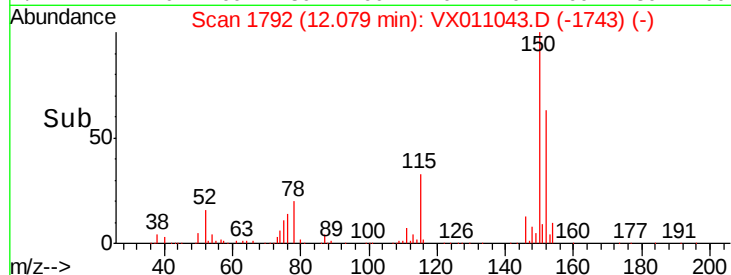
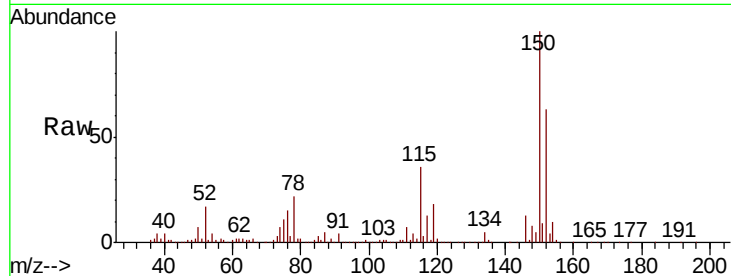


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

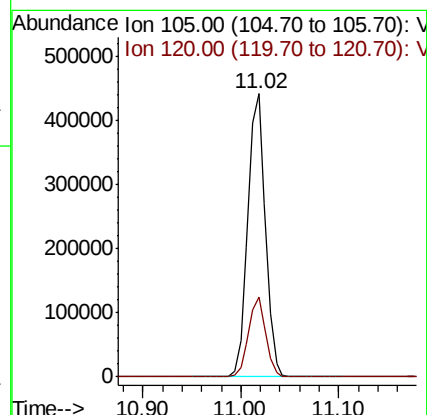
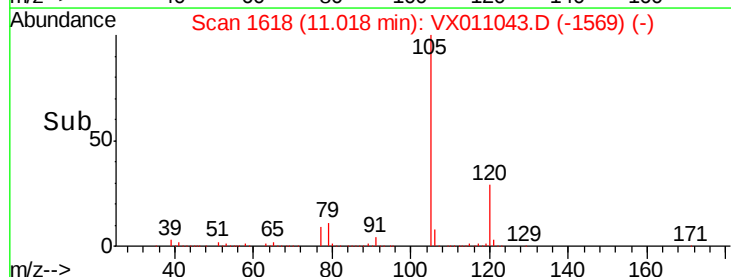
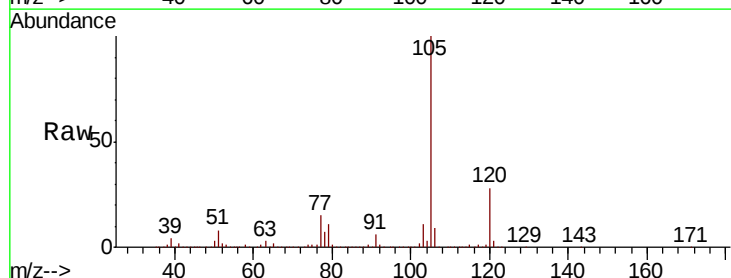
Tot Ion:152 Resp: 157726
Ion Ratio Lower Upper
152 100
115 82.3 39.7 119.1
150 177.1 0.0 345.6

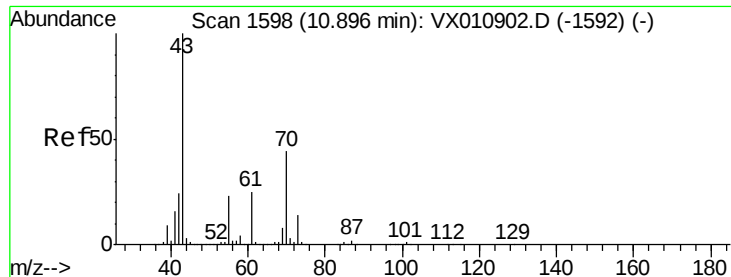


#73

Isopropylbenzene
Concen: 51.735 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion:105 Resp: 551367
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1





#74

N-amvl acetate

Concen: 50.677 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

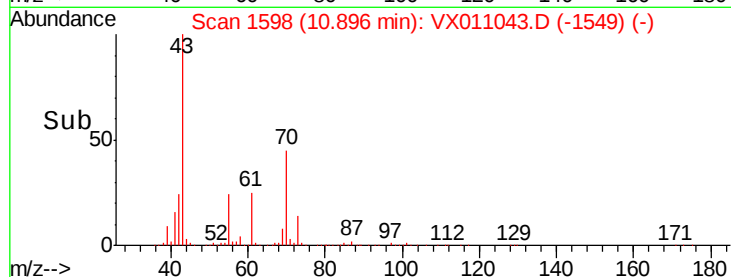
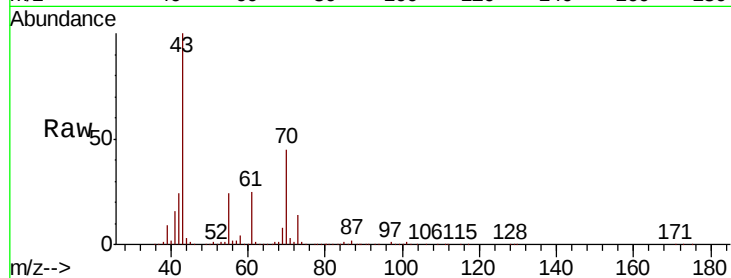
MSVOA_X

ClientSampleId :

SU19-MSW0620MS

Tot Ion: 43 Resp: 206364

Ion	Ratio	Lower	Upper
43	100		
70	44.2	34.7	52.1
55	24.5	19.1	28.7
61	25.0	19.9	29.9

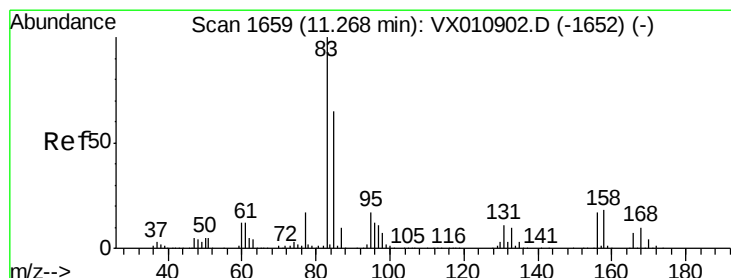


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.755 ug/l

RT: 11.27 min Scan# 1659

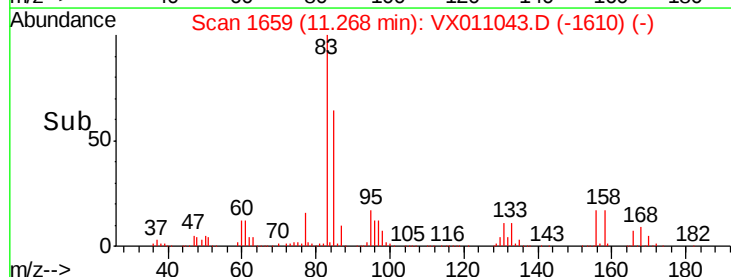
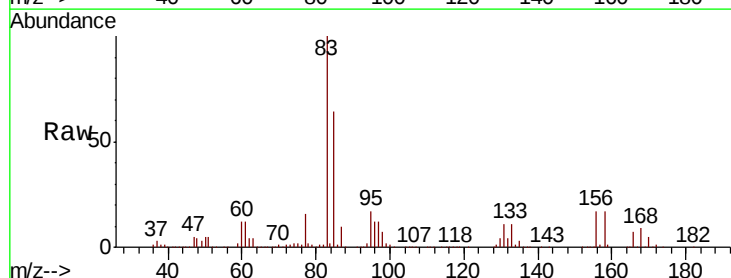
Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Tgt Ion: 83 Resp: 187485

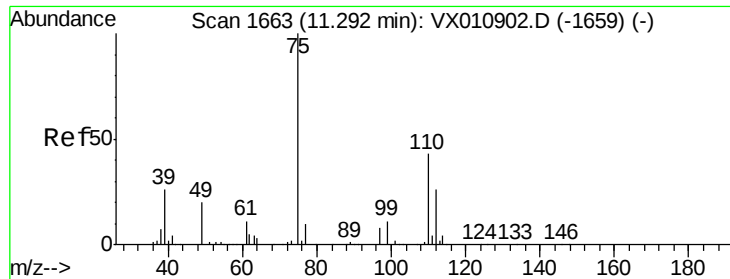
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	64.4	32.3	96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

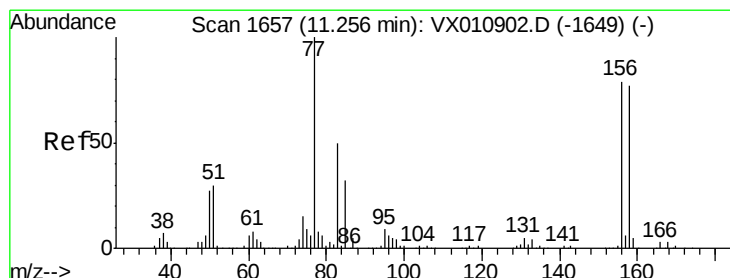
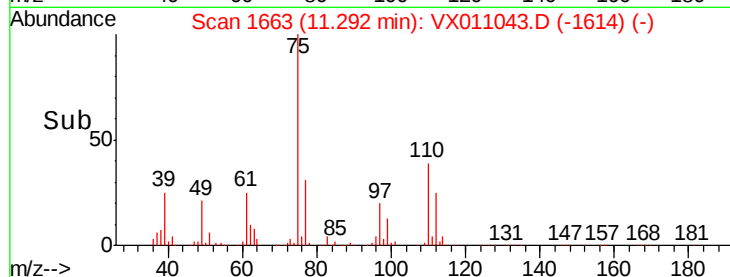
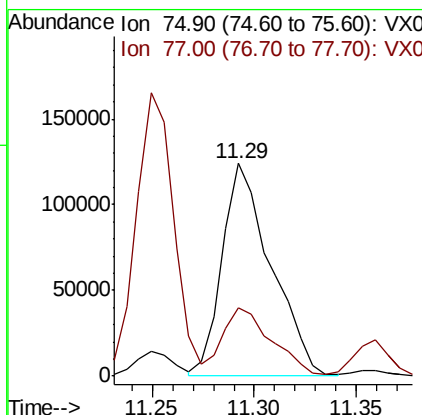
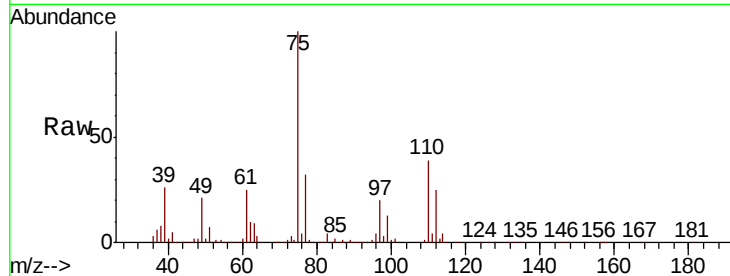
Ion 84.90 (84.60 to 85.60): VX0



#76
 1,2,3-Trichloropropane
 Concen: 72.437 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

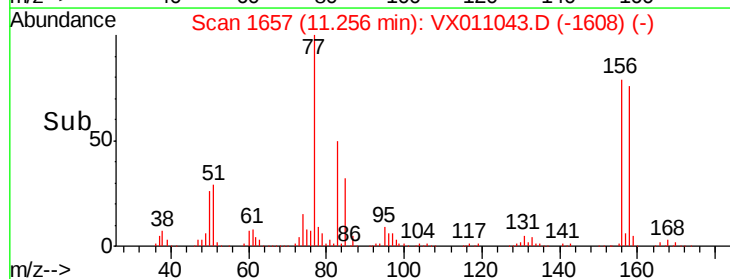
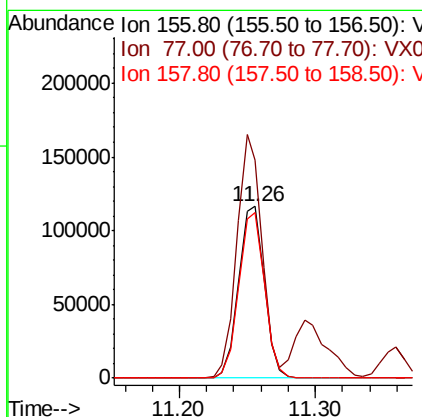
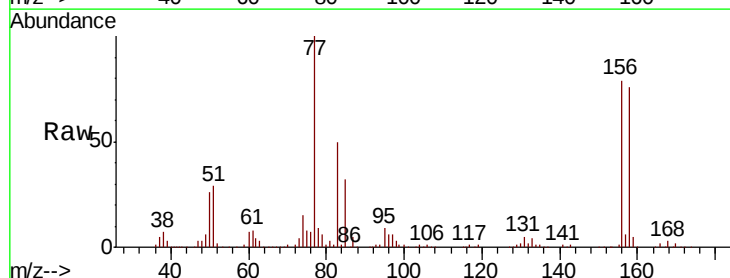
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

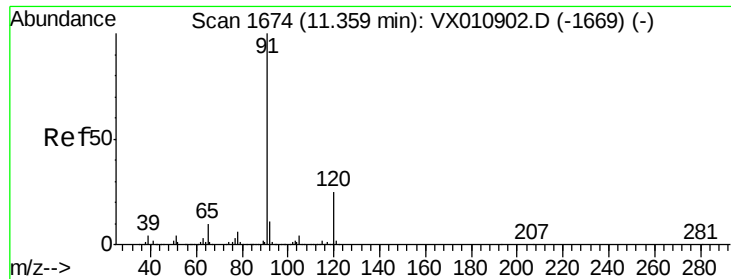
Tot Ion: 75 Resp: 206174
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.3 64.0



#77
 Bromobenzene
 Concen: 52.094 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion: 156 Resp: 153142
 Ion Ratio Lower Upper
 156 100
 77 137.6 68.7 206.1
 158 96.4 47.9 143.7





#78

n-propylbenzene

Concen: 52.483 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

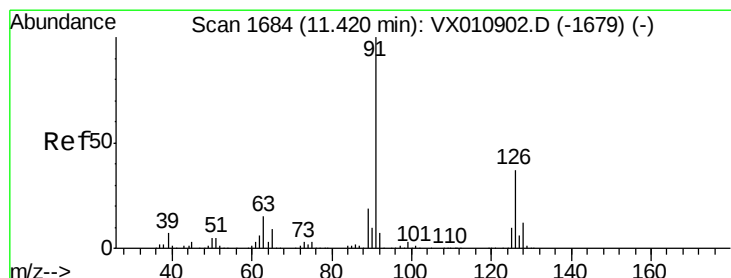
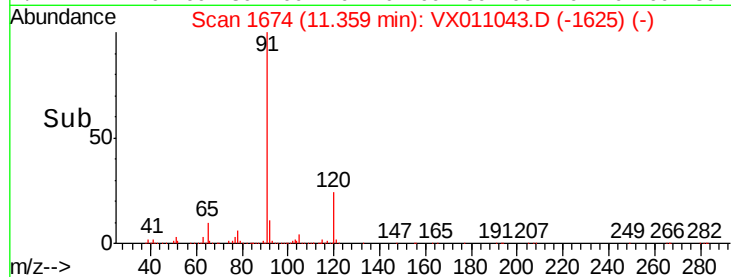
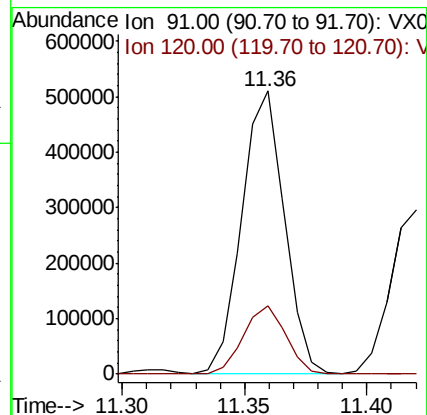
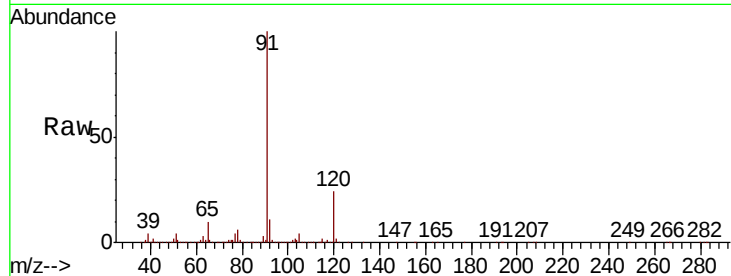
SU19-MSW0620MS

Tot Ion: 91 Resp: 618019

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8



#79

2-Chlorotoluene

Concen: 52.533 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011043.D

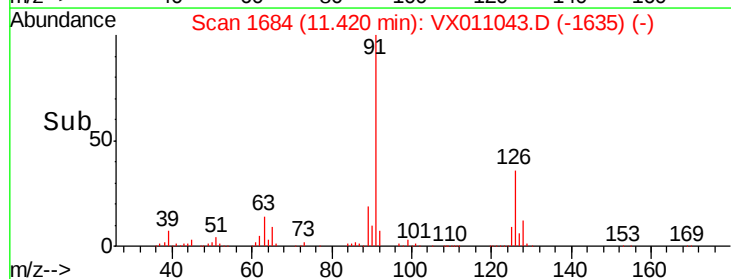
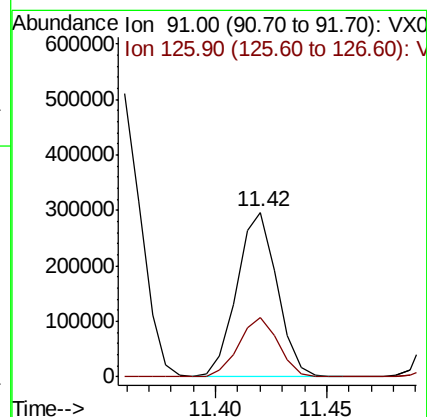
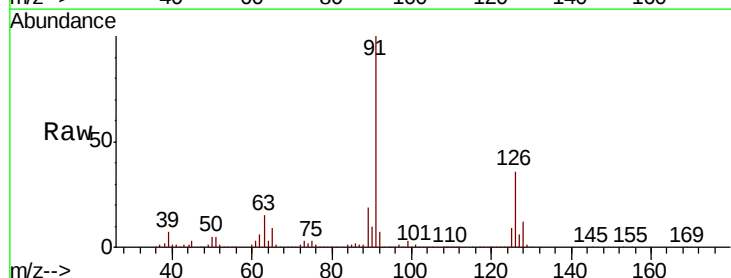
Acq: 22 Jul 2019 20:07

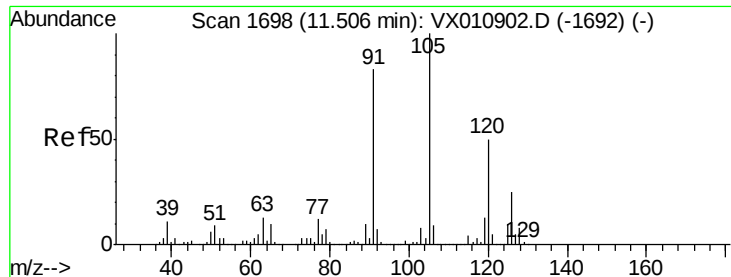
Tgt Ion: 91 Resp: 371617

Ion Ratio Lower Upper

91 100

126 35.9 18.0 54.0

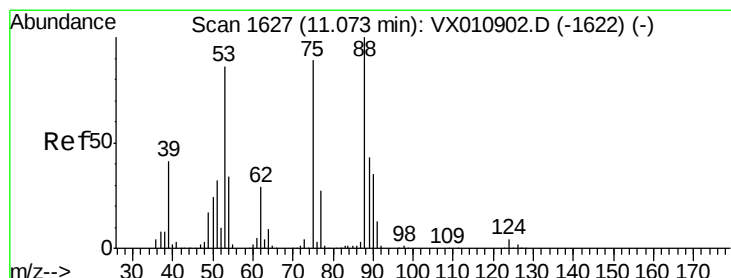
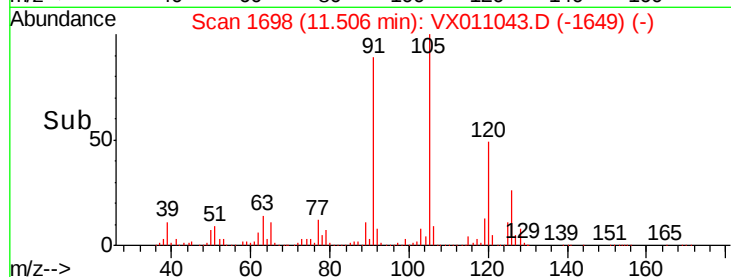
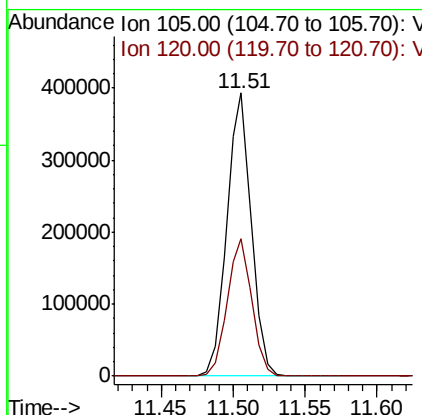
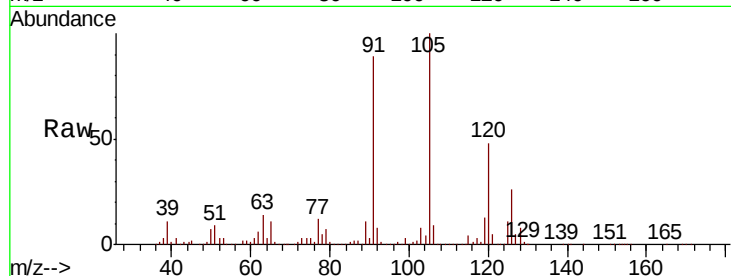




#80
 1,3,5-Trimethylbenzene
 Concen: 52.709 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

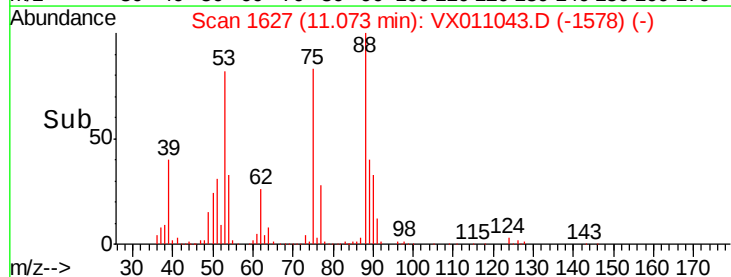
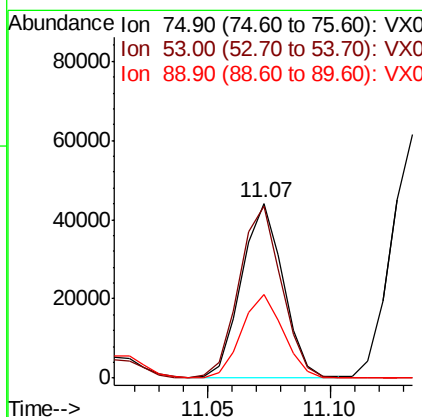
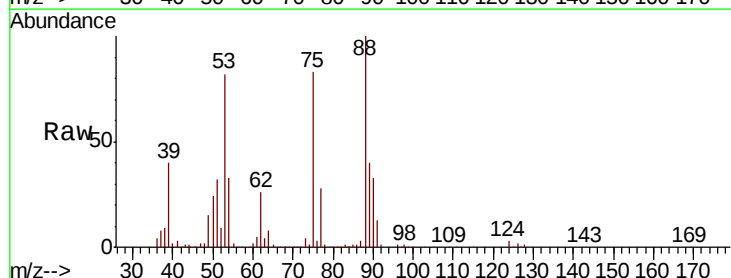
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

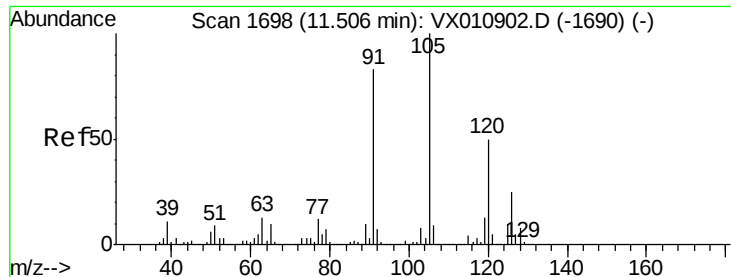
Tot Ion:105 Resp: 469393
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.690 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion: 75 Resp: 52131
 Ion Ratio Lower Upper
 75 100
 53 100.6 76.7 115.1
 89 48.7 38.5 57.7





#82

4-Chlorotoluene

Concen: 52.915 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

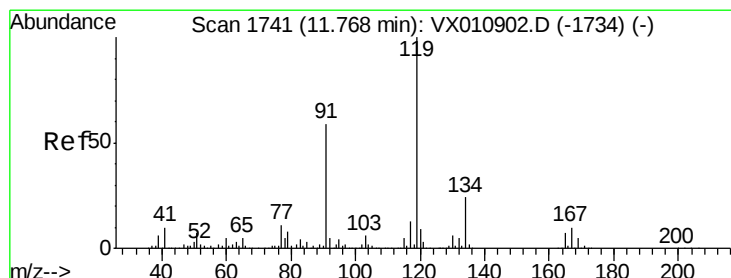
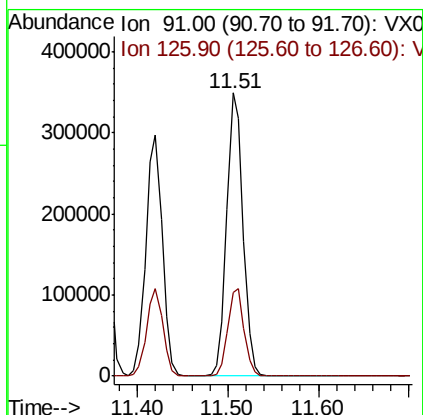
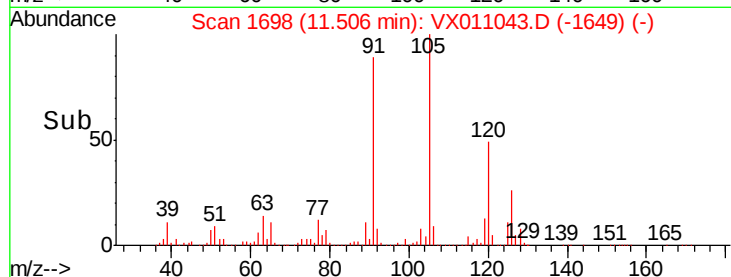
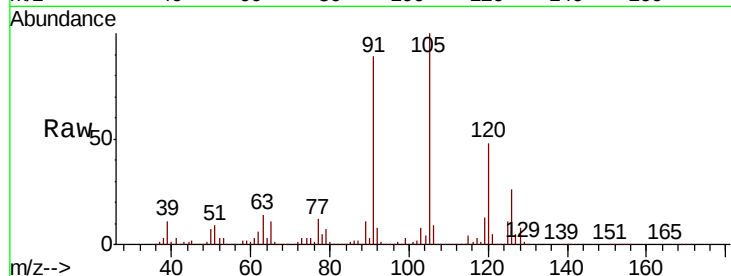
SU19-MSW0620MS

Tot Ion: 91 Resp: 435663

Ion Ratio Lower Upper

91 100

126 30.6 15.9 47.7



#83

tert-Butylbenzene

Concen: 53.345 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

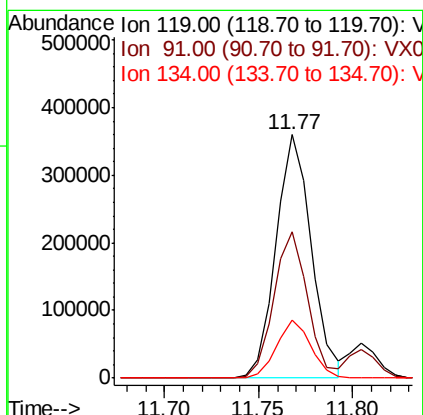
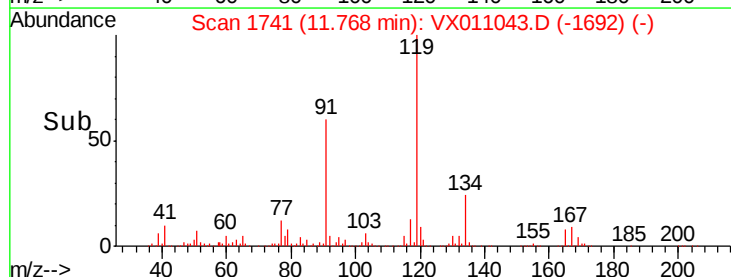
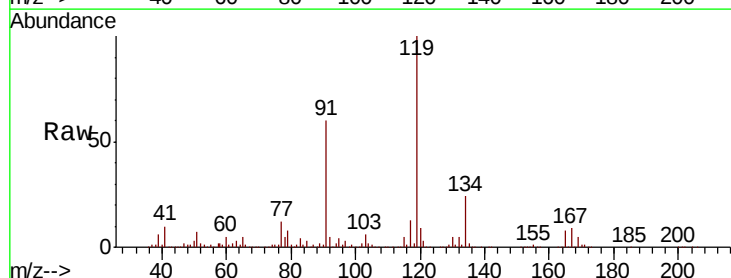
Tgt Ion: 119 Resp: 466625

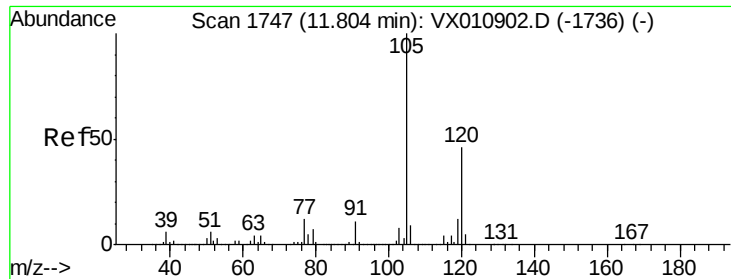
Ion Ratio Lower Upper

119 100

91 58.1 28.6 85.8

134 23.1 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 53.019 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

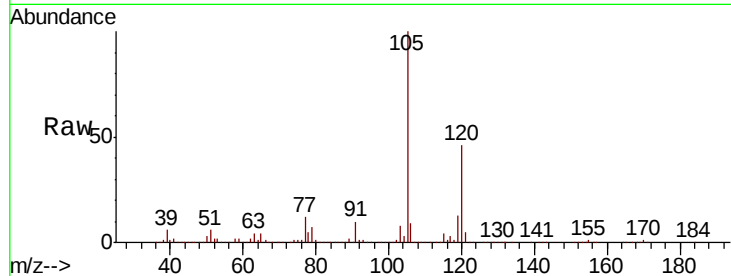
SU19-MSW0620MS

Tot Ion:105 Resp: 475890

Ion Ratio Lower Upper

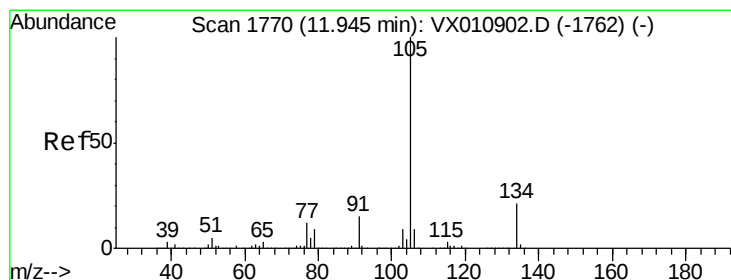
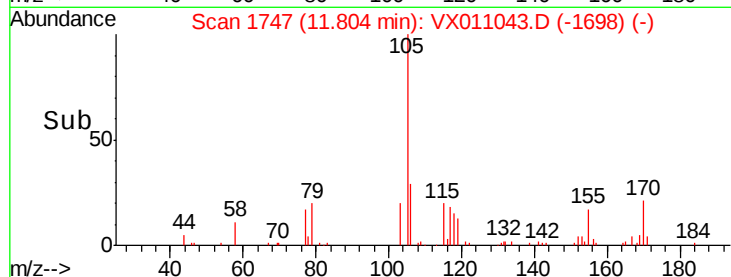
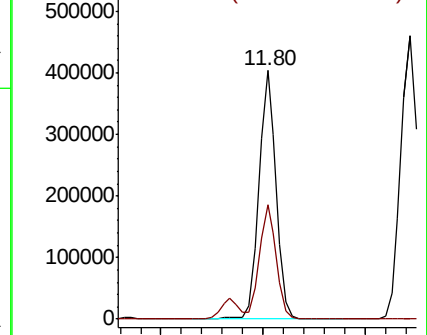
105 100

120 45.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 53.146 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011043.D

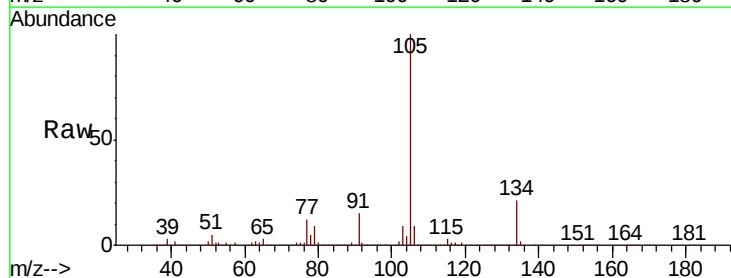
Acq: 22 Jul 2019 20:07

Tgt Ion:105 Resp: 544731

Ion Ratio Lower Upper

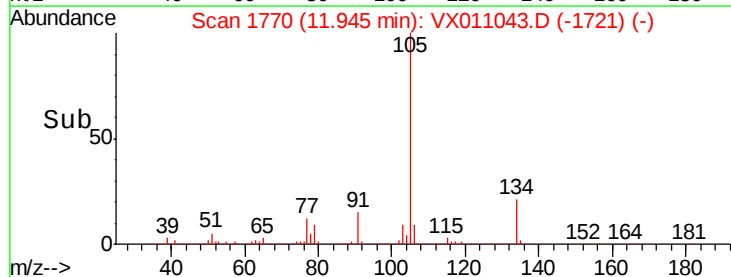
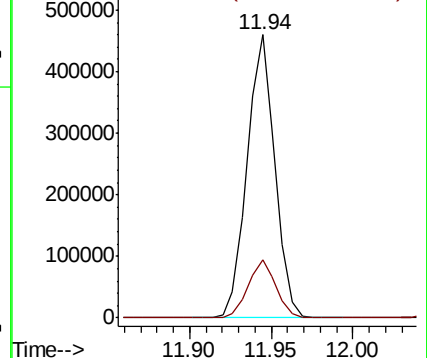
105 100

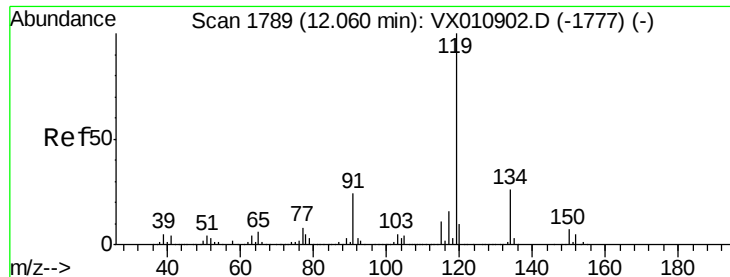
134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

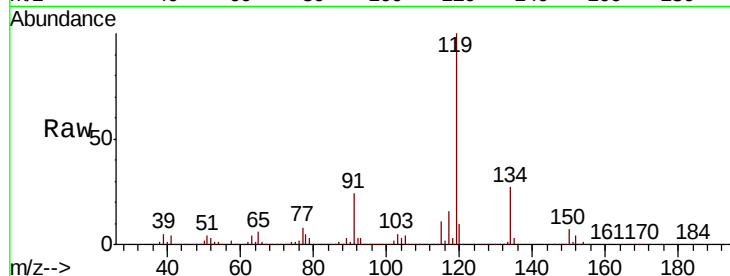




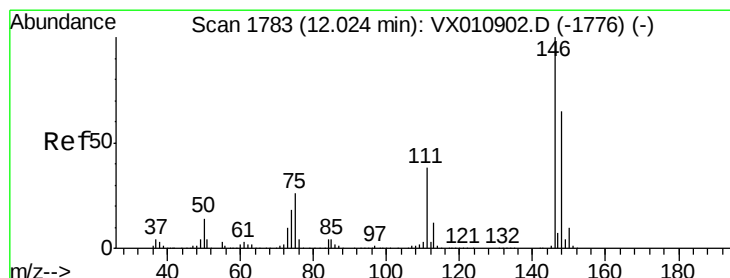
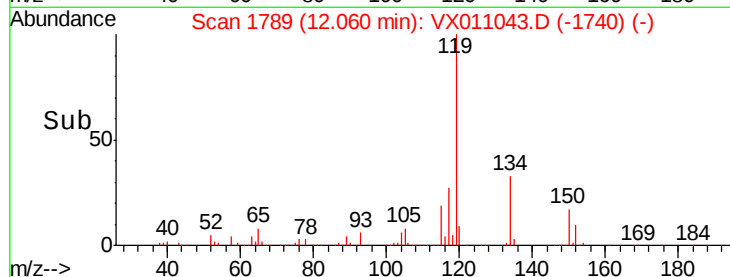
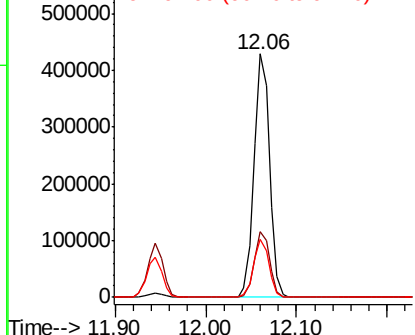
#86
p-Isopropyltoluene
Concen: 53.480 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	23.5	11.8	35.4

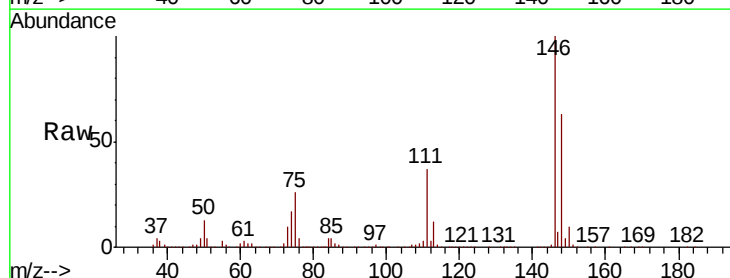


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

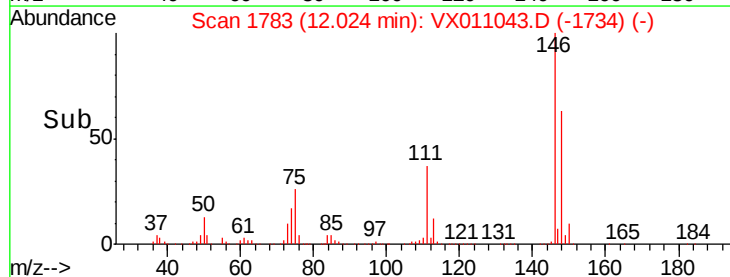
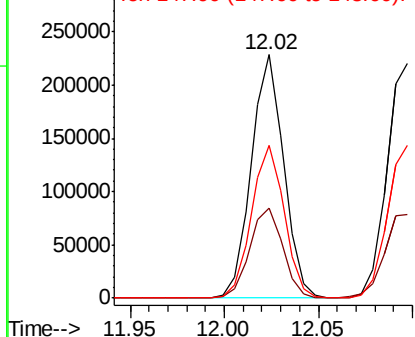


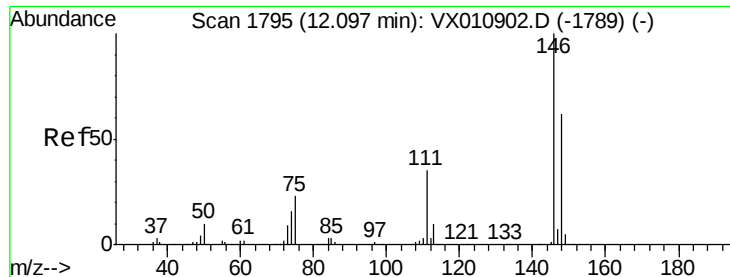
#87
1,3-Dichlorobenzene
Concen: 53.369 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX011043.D
Acq: 22 Jul 2019 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	63.6	32.2	96.6



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





#88

1,4-Dichlorobenzene

Concen: 51.569 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

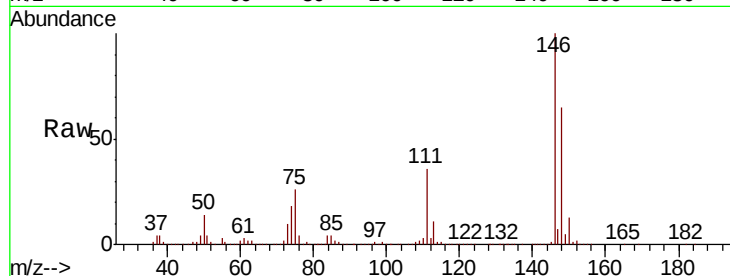
Tot Ion:146 Resp: 269820

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

148 64.4 31.6 94.7

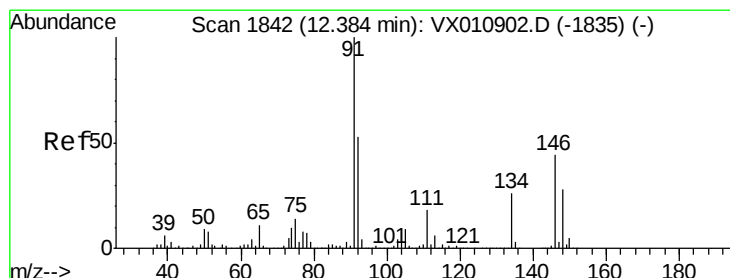
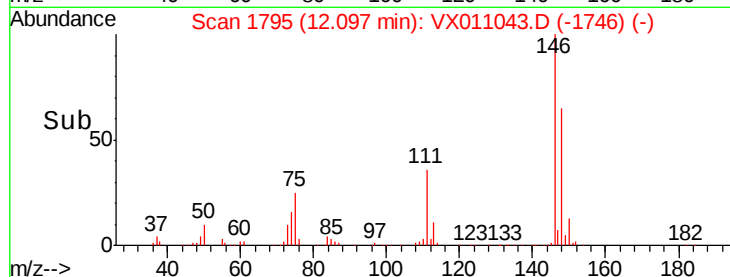
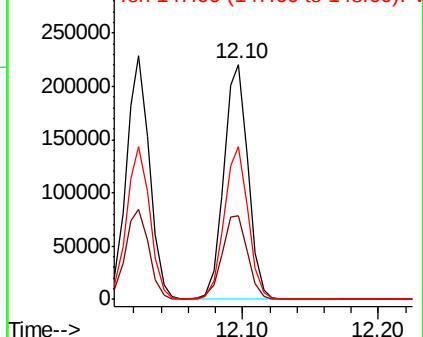


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 53.569 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

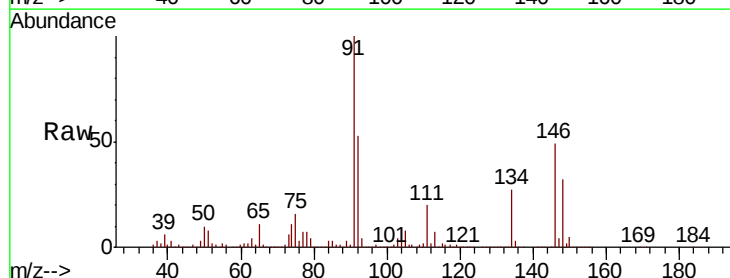
Tgt Ion: 91 Resp: 434267

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 27.7 13.8 41.3

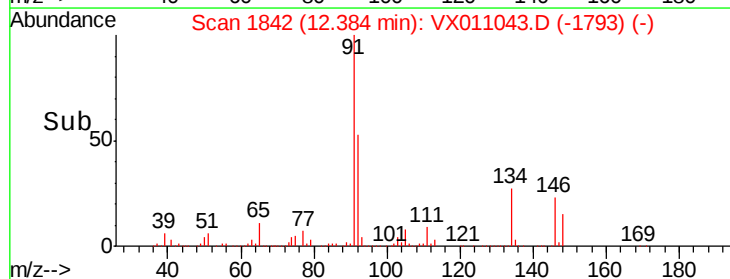
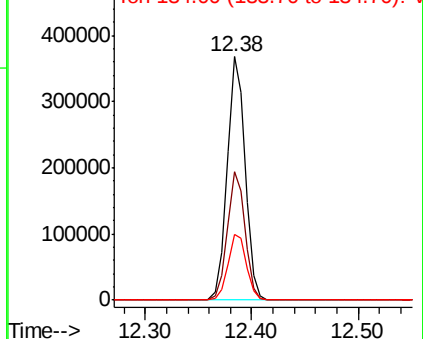


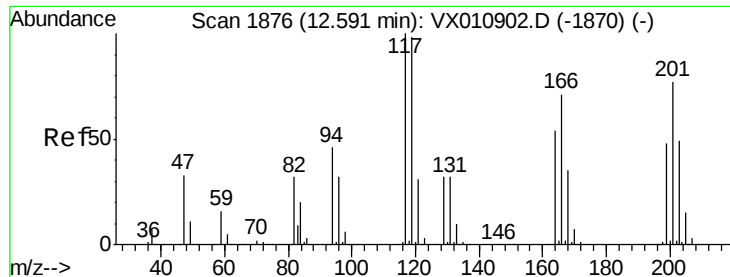
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

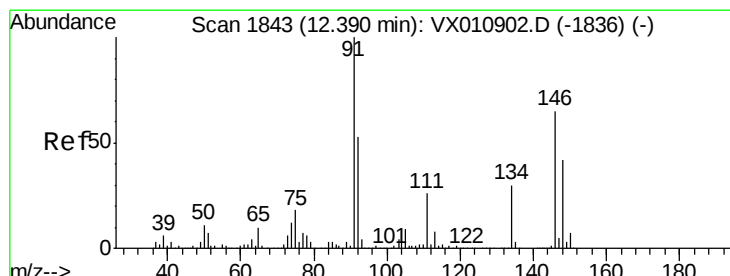
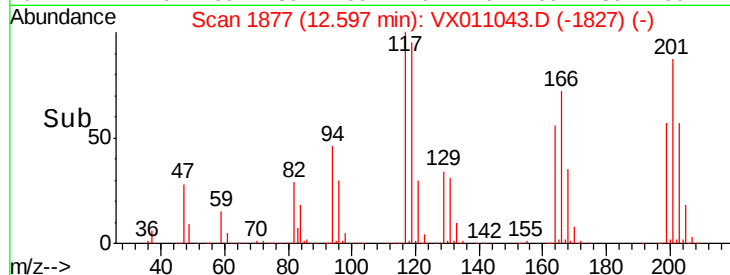
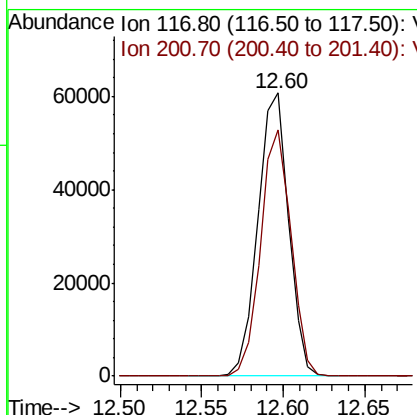
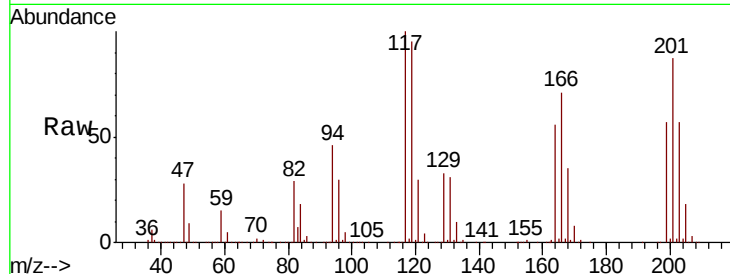




#90
 Hexachloroethane
 Concen: 53.361 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

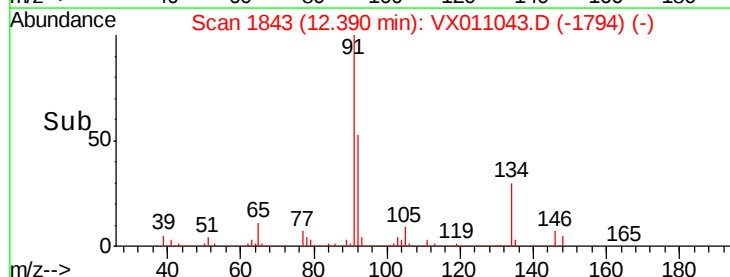
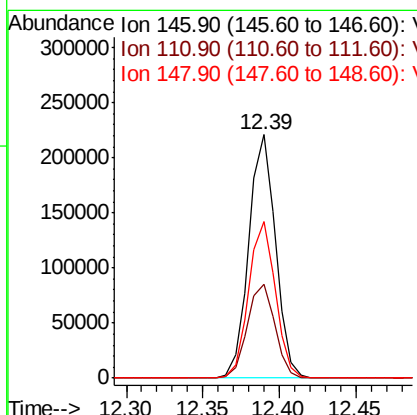
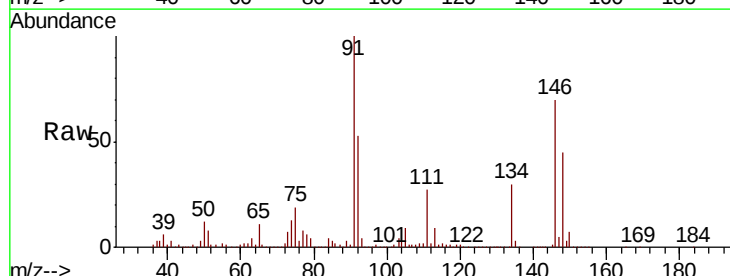
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

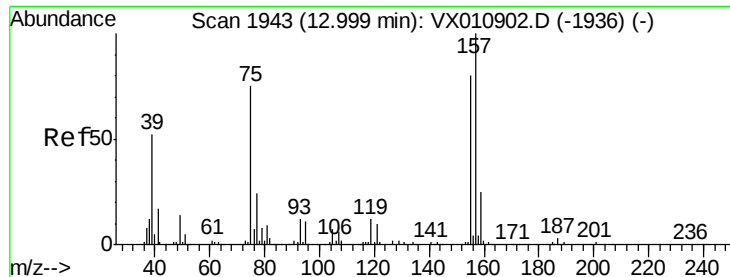
Tot Ion:117 Resp: 79752
 Ion Ratio Lower Upper
 117 100
 201 85.8 43.3 129.8



#91
 1,2-Dichlorobenzene
 Concen: 53.149 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Tgt Ion:146 Resp: 268726
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 64.3 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 57.519 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

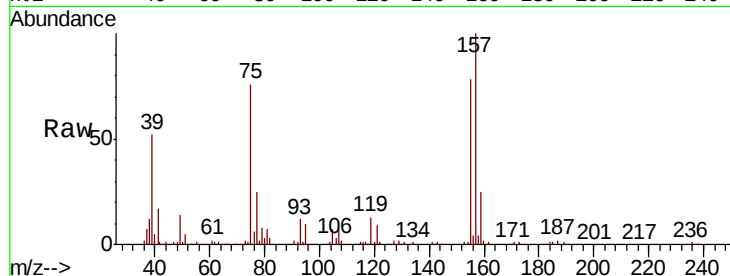
MSVOA_X

ClientSampleId :

SU19-MSW0620MS

Tot Ion: 75 Resp: 41934

Ion	Ratio	Lower	Upper
75	100		
155	98.9	48.7	146.1
157	124.3	62.5	187.6

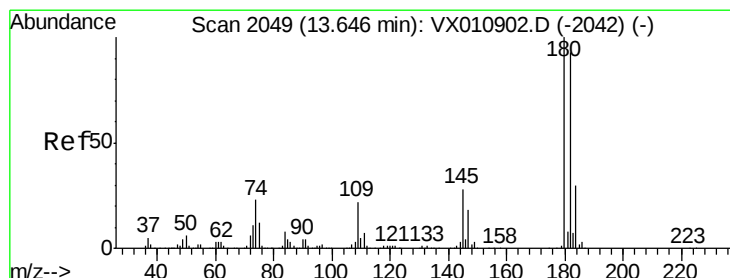
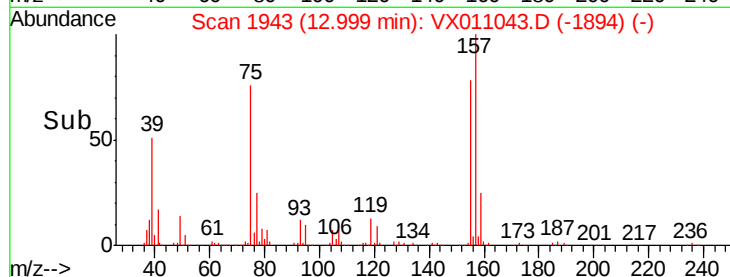
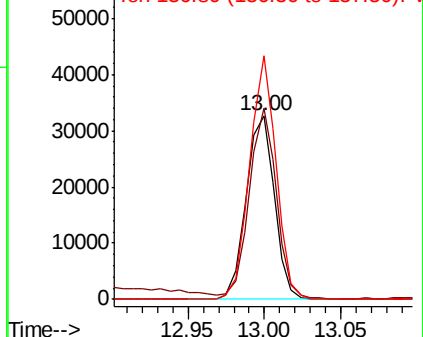


Abundance

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: 53.786 ug/l

RT: 13.65 min Scan# 2049

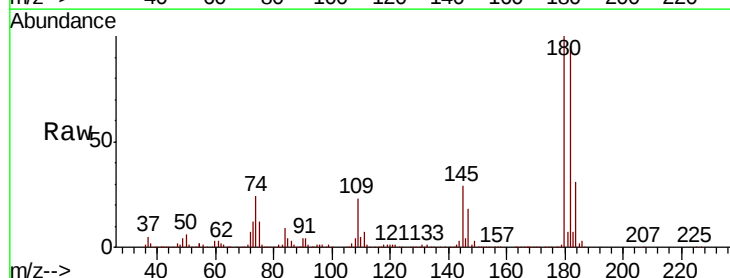
Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Tgt Ion:180 Resp: 184303

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.3
145	30.7	14.8	44.4

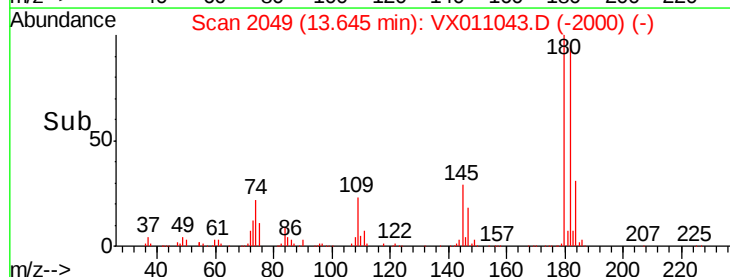
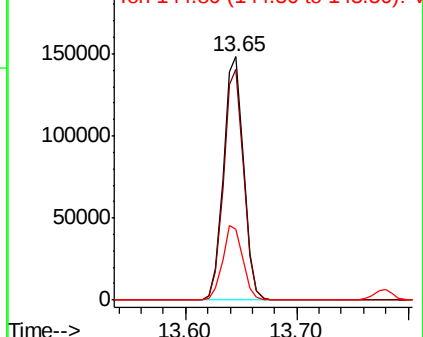


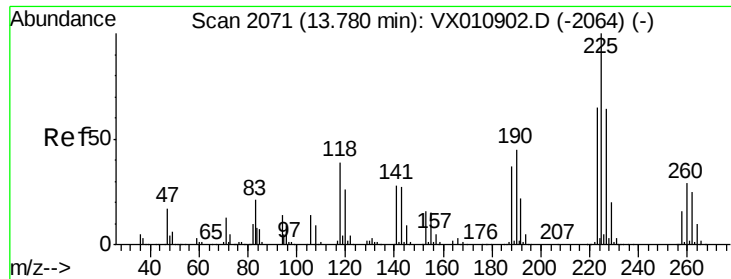
Abundance

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: 49.823 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0620MS

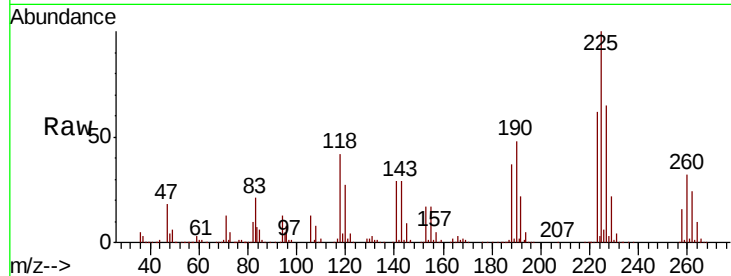
Tot Ion:225 Resp: 84601

Ion Ratio Lower Upper

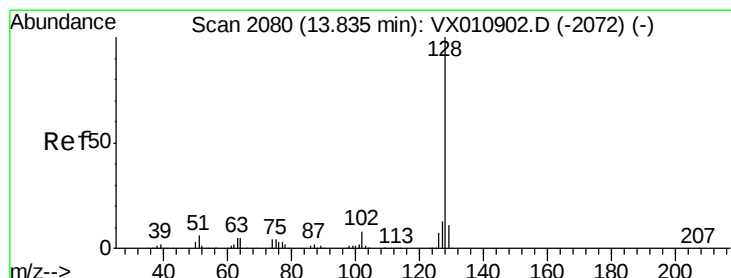
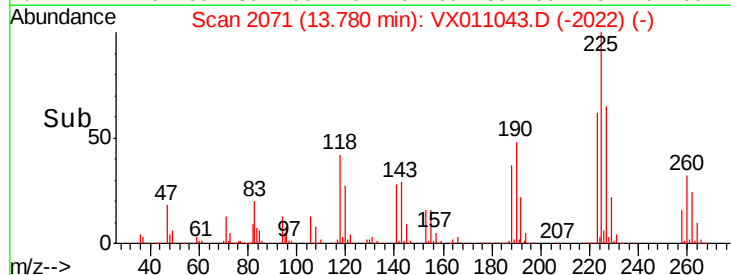
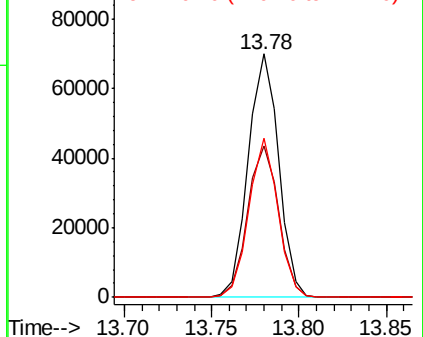
225 100

223 63.2 31.9 95.9

227 61.9 32.5 97.4



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: 57.612 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011043.D

Acq: 22 Jul 2019 20:07

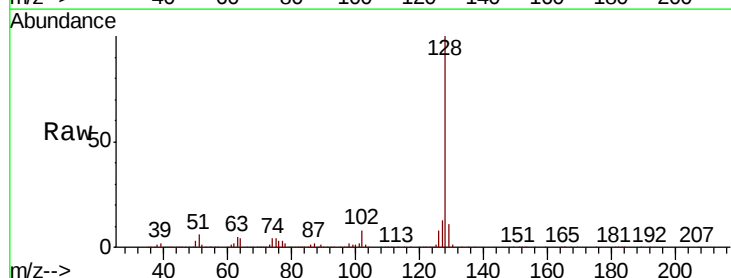
Tgt Ion:128 Resp: 582948

Ion Ratio Lower Upper

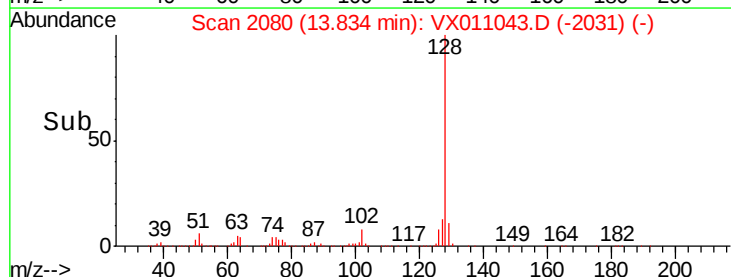
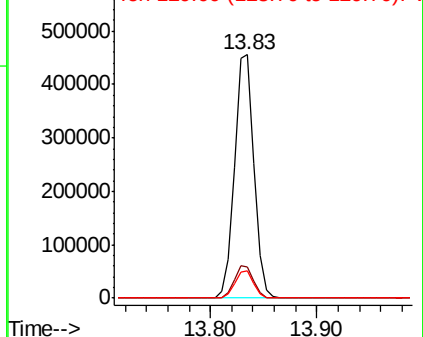
128 100

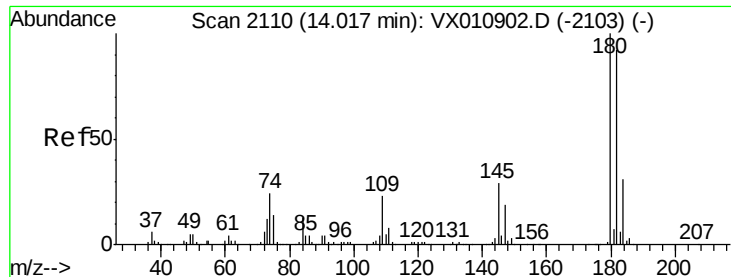
127 13.2 10.4 15.6

129 11.0 8.9 13.3



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: 54.654 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX011043.D
 Acq: 22 Jul 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0620MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	31.8	15.1	45.3

