

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018019.D
 Acq On : 20 Aug 2020 05:46
 Operator : JC/SP
 Sample : L3694-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

Quant Time: Aug 20 06:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	410945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	663500	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	641895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347307	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	309613	51.40	ug/l	0.00
Spiked Amount						
			Recovery	=	102.80%	
35) Dibromofluoromethane	5.46	113	239778	48.53	ug/l	0.00
Spiked Amount						
			Recovery	=	97.06%	
50) Toluene-d8	8.70	98	855646	48.99	ug/l	0.00
Spiked Amount						
			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.12	95	345920	53.63	ug/l	0.00
Spiked Amount						
			Recovery	=	107.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	312448	50.309	ug/l	94
3) Chloromethane	1.31	50	273577	48.680	ug/l	99
4) Vinyl Chloride	1.39	62	266126	45.929	ug/l	99
5) Bromomethane	1.62	94	182726	58.101	ug/l	91
6) Chloroethane	1.71	64	156496	50.778	ug/l	97
7) Trichlorofluoromethane	1.92	101	430794	50.060	ug/l	99
8) Diethyl Ether	2.17	74	123140	49.098	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	182734	45.149	ug/l	99
10) Methyl Iodide	2.49	142	239904	45.966	ug/l	100
11) Tert butyl alcohol	3.01	59	262324	225.537	ug/l	100
12) 1,1-Dichloroethene	2.36	96	174840	47.202	ug/l	97
13) Acrolein	2.28	56	116899	190.263	ug/l	98
14) Allyl chloride	2.71	41	335124	50.728	ug/l	98
15) Acrylonitrile	3.12	53	676448	266.309	ug/l	99
16) Acetone	2.42	43	611776	258.137	ug/l	99
17) Carbon Disulfide	2.55	76	463763	51.603	ug/l	99
18) Methyl Acetate	2.75	43	368236	61.748	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	788938	55.710	ug/l	99
20) Methylene Chloride	2.84	84	223820	51.259	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	203537	53.451	ug/l	94
22) Diisopropyl ether	3.82	45	783145	56.550	ug/l	96
23) Vinyl Acetate	3.79	43	2390399	225.871	ug/l	100
24) 1,1-Dichloroethane	3.67	63	416714	54.281	ug/l	99
25) 2-Butanone	4.64	43	933724	260.239	ug/l	97
26) 2,2-Dichloropropane	4.55	77	245857	35.168	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	247017	54.991	ug/l	95
28) Bromochloromethane	4.98	49	202722	51.097	ug/l	100
29) Tetrahydrofuran	5.09	42	599623	269.090	ug/l	100
30) Chloroform	5.18	83	456200	54.367	ug/l	98
31) Cyclohexane	5.55	56	348429	55.970	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	412932	54.247	ug/l	99
36) 1,1-Dichloropropene	5.77	75	285811	51.465	ug/l	99
37) Ethyl Acetate	4.79	43	319468	48.079	ug/l	99
38) Carbon Tetrachloride	5.76	117	372160	51.779	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	323305	45.528	ug/l	99
40) Benzene	6.12	78	867726	51.877	ug/l	99
41) Methacrylonitrile	5.01	41	203533	53.442	ug/l	97
42) 1,2-Dichloroethane	6.17	62	374175	52.663	ug/l	99
43) Isopropyl Acetate	6.41	43	547034	50.998	ug/l	99
44) Trichloroethene	7.19	130	254223	51.251	ug/l	94
45) 1,2-Dichloropropane	7.49	63	247055	51.550	ug/l	98
46) Dibromomethane	7.64	93	173306	51.814	ug/l	97
47) Bromodichloromethane	7.88	83	376175	51.806	ug/l	100
48) Methyl methacrylate	7.74	41	284662	53.532	ug/l	98
49) 1,4-Dioxane	7.71	88	91708	842.406	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1891265	261.874	ug/l	100
52) Toluene	8.77	92	577314	52.754	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	386066	50.270	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	390457	48.761	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	263142	52.341	ug/l	96
56) Ethyl methacrylate	9.16	69	387331	54.491	ug/l	98
57) 1,3-Dichloropropane	9.35	76	425081	53.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	867461	252.010	ug/l	100
59) 2-Hexanone	9.48	43	1429706	261.257	ug/l	99
60) Dibromochloromethane	9.57	129	327103	52.095	ug/l	96
61) 1,2-Dibromoethane	9.65	107	279100	50.119	ug/l	99
64) Tetrachloroethene	9.32	164	291028	59.369	ug/l	96
65) Chlorobenzene	10.12	112	673044	52.823	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	281227	52.178	ug/l	99
67) Ethyl Benzene	10.24	91	1150716	54.783	ug/l	98
68) m/p-Xylenes	10.34	106	891975	110.304	ug/l	95
69) o-Xylene	10.68	106	423146	54.264	ug/l	100
70) Styrene	10.70	104	759082	56.424	ug/l	98
71) Bromoform	10.84	173	254007	52.507	ug/l	99
73) Isopropylbenzene	11.00	105	1183963	52.963	ug/l	100
74) N-amyl acetate	10.88	43	479261	48.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	396946	50.902	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	480565	65.065	ug/l	84
77) Bromobenzene	11.24	156	324661	52.347	ug/l	98
78) n-propylbenzene	11.34	91	1340903	51.285	ug/l	100
79) 2-Chlorotoluene	11.40	91	832019	52.216	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1015438	51.749	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	125832	44.757	ug/l	99
82) 4-Chlorotoluene	11.49	91	990752	52.874	ug/l	100
83) tert-Butylbenzene	11.76	119	965280	52.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1062154	52.286	ug/l	99
85) sec-Butylbenzene	11.93	105	1152128	51.504	ug/l	99
86) p-Isopropyltoluene	12.05	119	1076196	51.718	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	586465	51.953	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	587967	53.166	ug/l	99
89) n-Butylbenzene	12.37	91	902879	52.425	ug/l	99
90) Hexachloroethane	12.58	117	217494	52.553	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	562288	53.959	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101342	51.016	ug/l	98

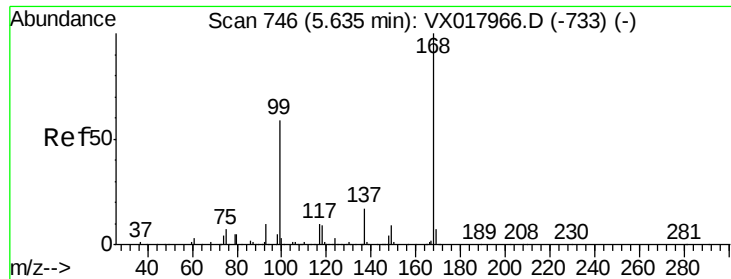
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	370783	54.087	ug/l	97
94) Hexachlorobutadiene	13.77	225	145170	49.620	ug/l	96
95) Naphthalene	13.82	128	1232794	56.969	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	381492	54.726	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

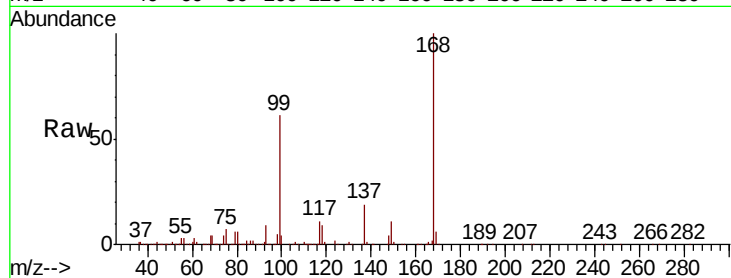
MW-BR1-081320MSD

Tot Ion:168 Resp: 410945

Ion Ratio Lower Upper

168 100

99 60.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

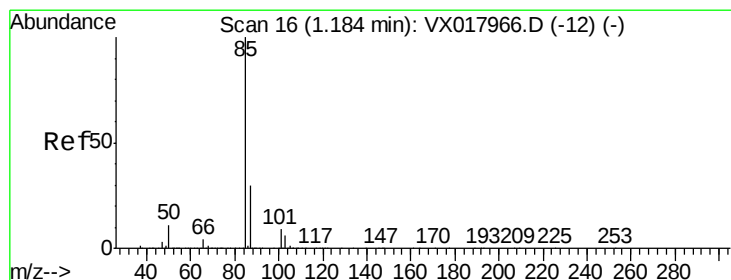
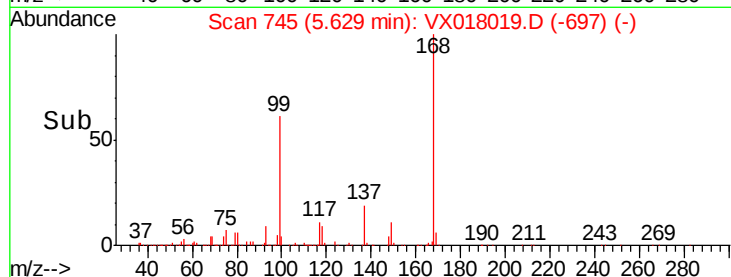
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.309 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018019.D

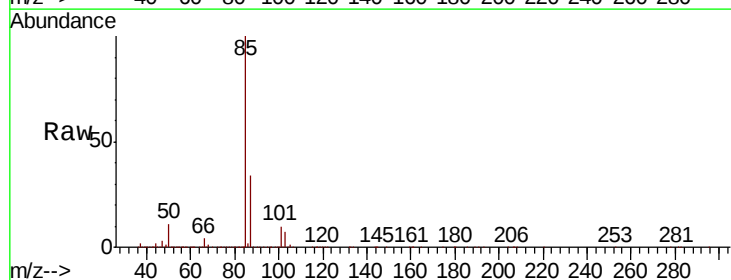
Acq: 20 Aug 2020 05:46

Tgt Ion: 85 Resp: 312448

Ion Ratio Lower Upper

85 100

87 33.6 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

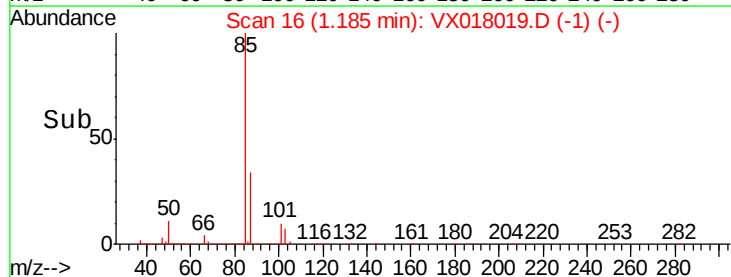
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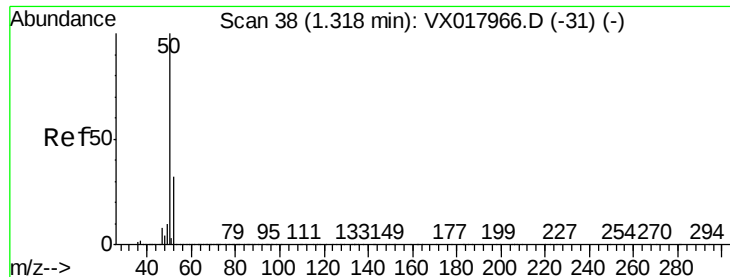
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 48.680 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

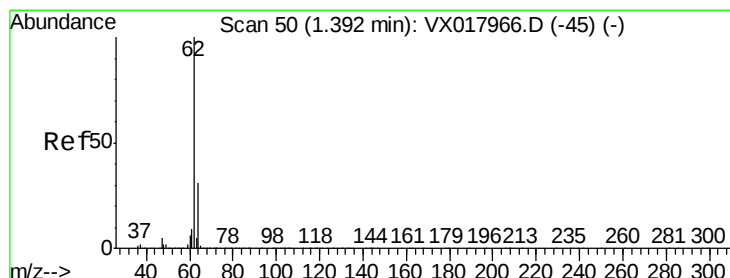
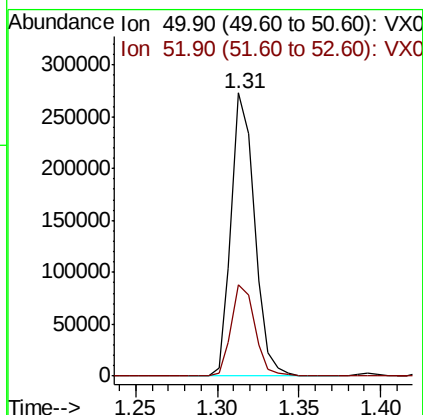
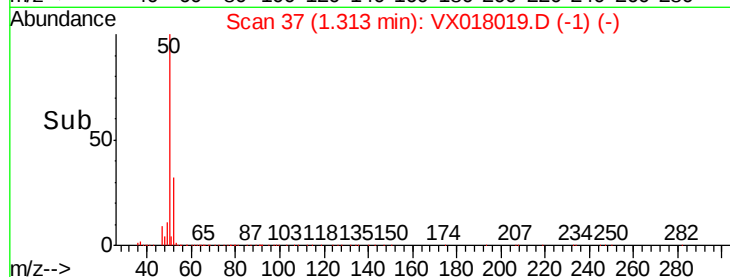
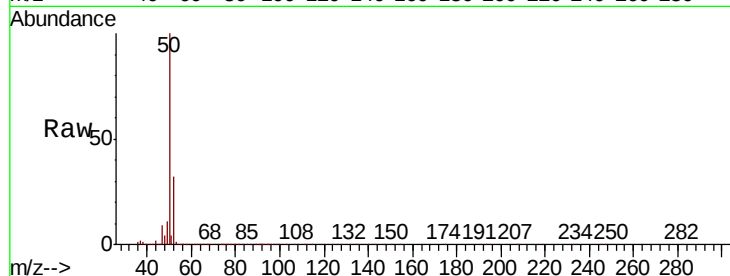
MW-BR1-081320MSD

Tot Ion: 50 Resp: 273577

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.0



#4

Vinyl Chloride

Concen: 45.929 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018019.D

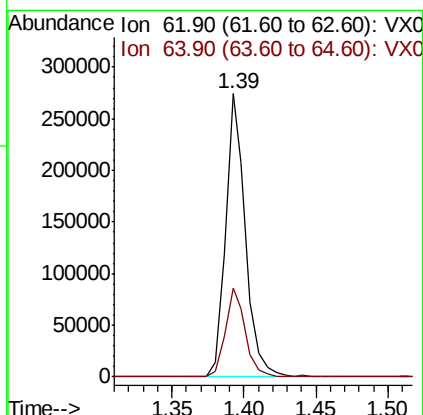
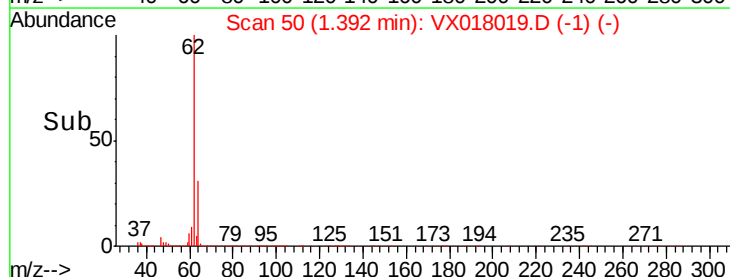
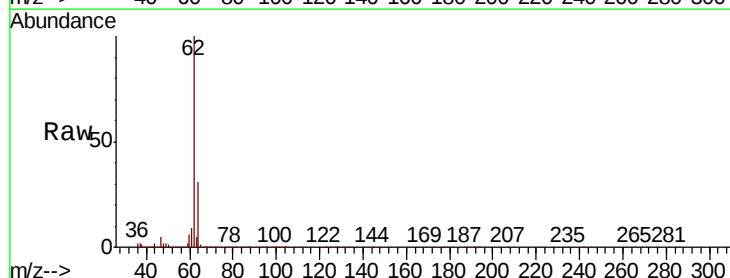
Acq: 20 Aug 2020 05:46

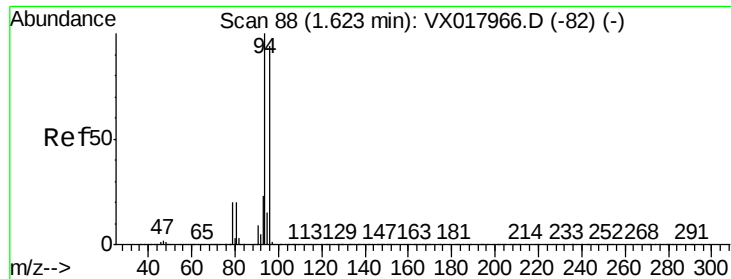
Tgt Ion: 62 Resp: 266126

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1





#5

Bromomethane

Concen: 58.101 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

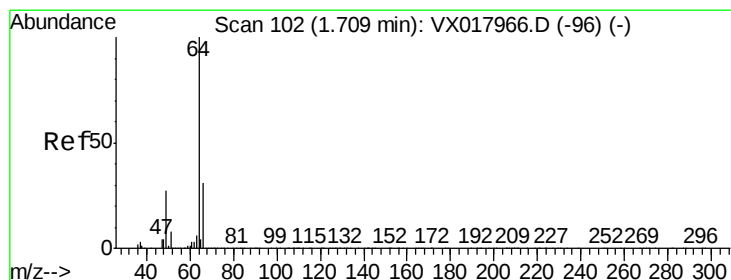
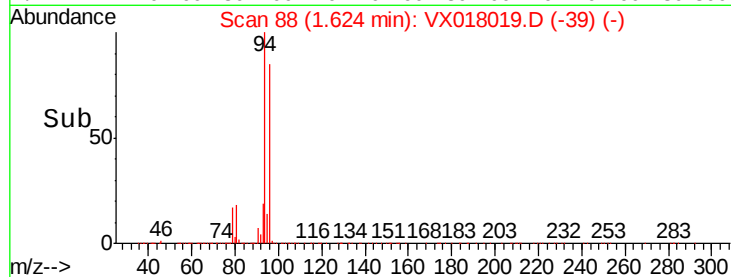
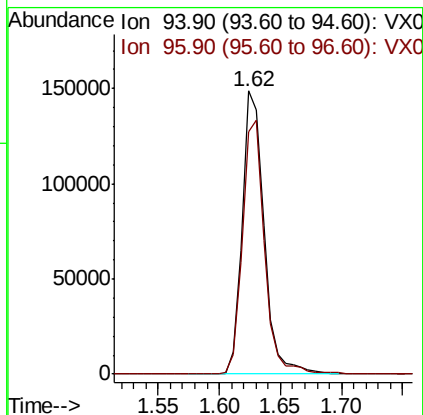
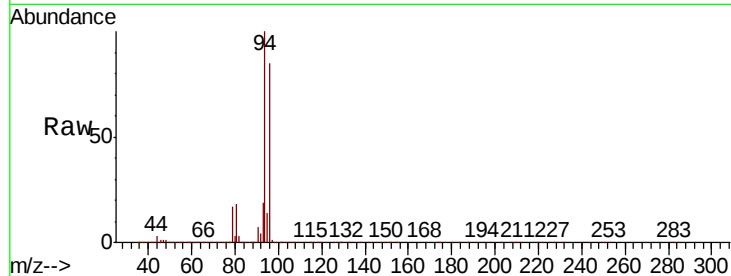
MW-BR1-081320MSD

Tot Ion: 94 Resp: 182726

Ion Ratio Lower Upper

94 100

96 85.5 75.5 113.3



#6

Chloroethane

Concen: 50.778 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018019.D

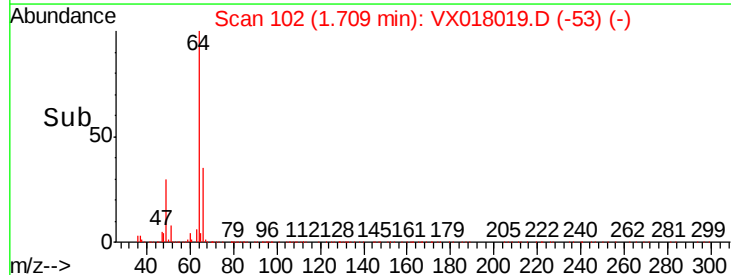
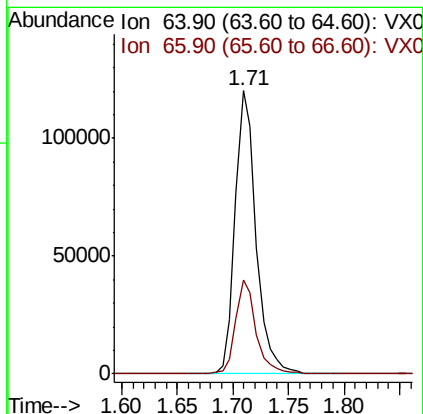
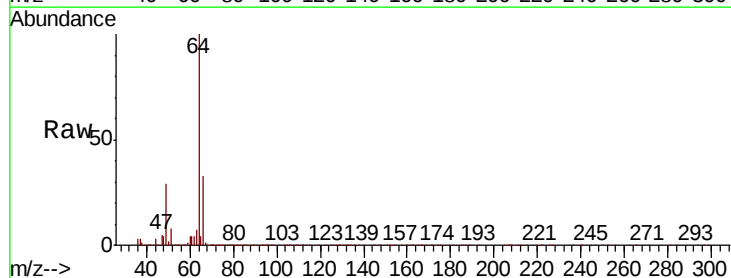
Acq: 20 Aug 2020 05:46

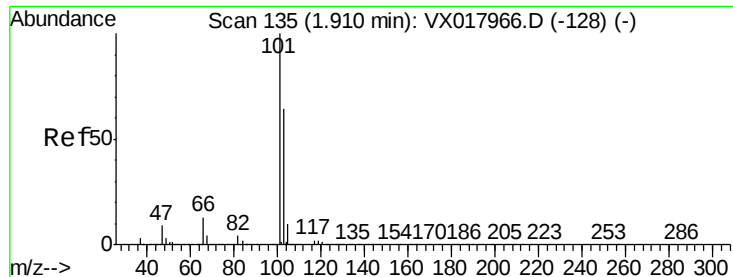
Tgt Ion: 64 Resp: 156496

Ion Ratio Lower Upper

64 100

66 33.1 25.0 37.4



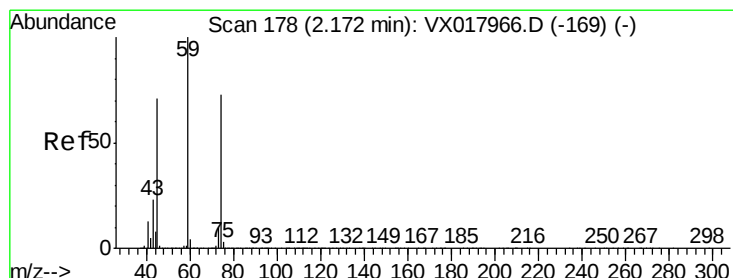
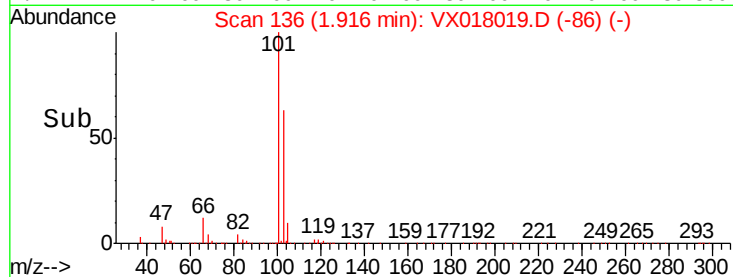
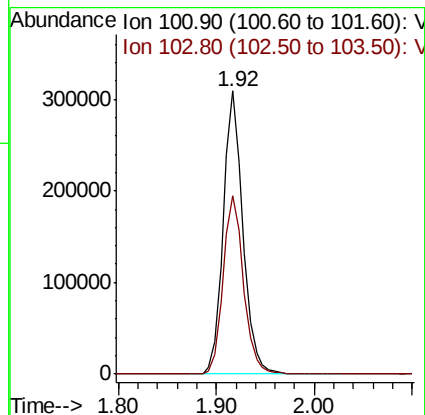
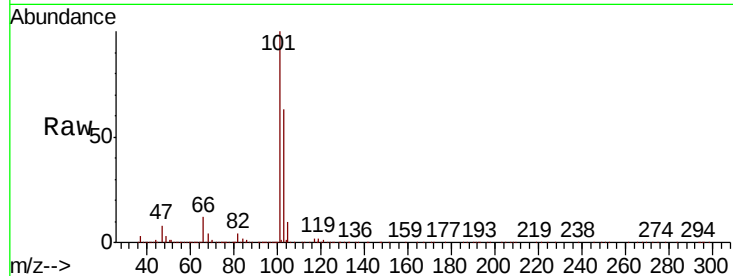


#7

Trichlorofluoromethane
Concen: 50.060 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018019.D
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Instrument :
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ClientSampleId :
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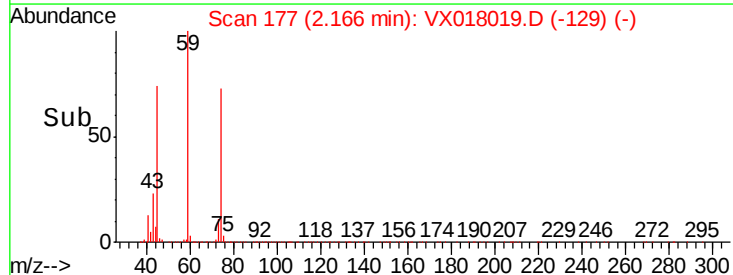
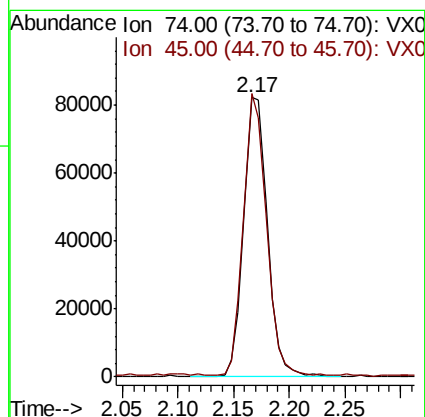
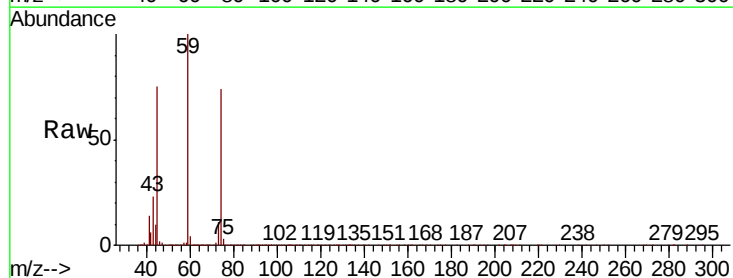
Tot Ion:101 Resp: 430794
Ion Ratio Lower Upper
101 100
103 63.1 51.2 76.8

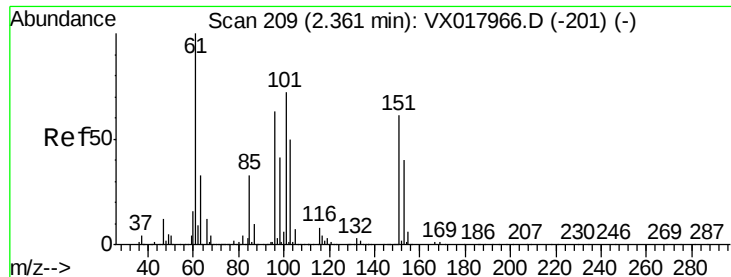


#8

Diethyl Ether
Concen: 49.098 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 74 Resp: 123140
Ion Ratio Lower Upper
74 100
45 97.4 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.149 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

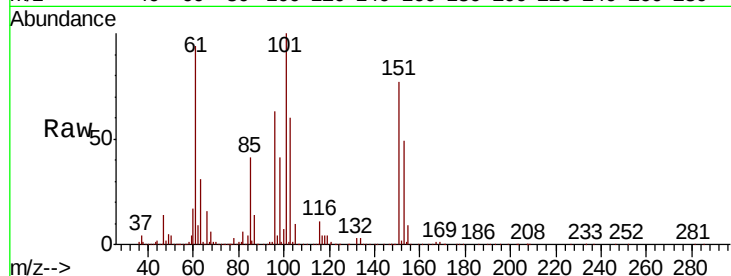
Tot Ion:101 Resp: 182734

Ion Ratio Lower Upper

101 100

85 44.4 35.4 53.2

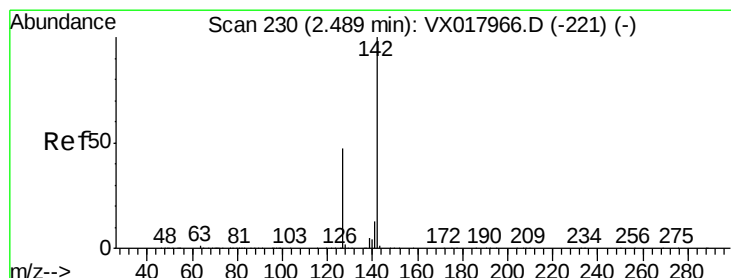
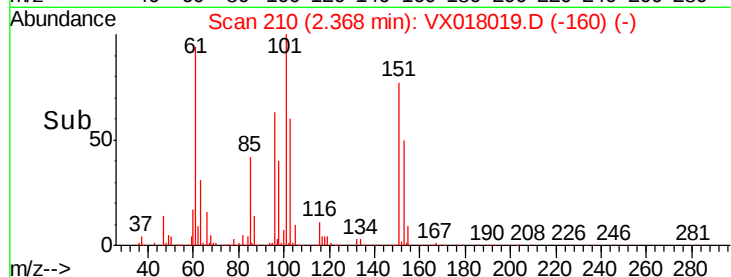
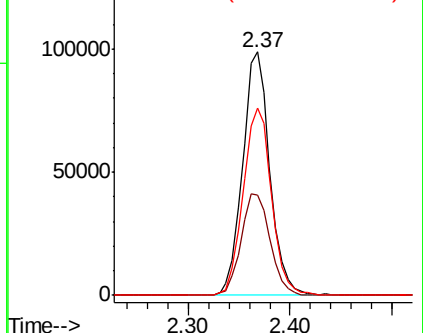
151 80.4 65.4 98.0



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: 45.966 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

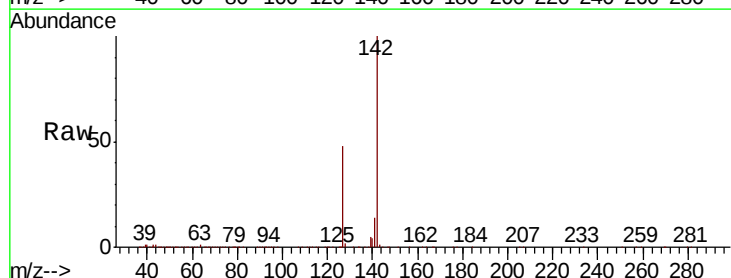
Tgt Ion:142 Resp: 239904

Ion Ratio Lower Upper

142 100

127 47.3 38.0 57.0

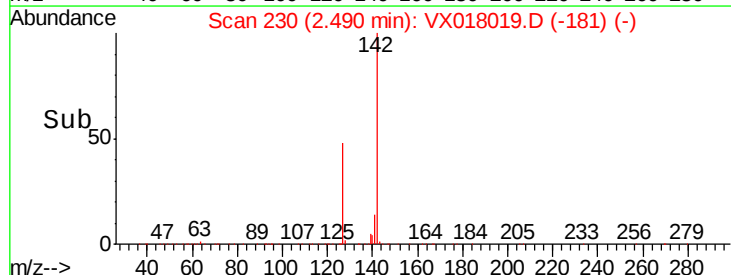
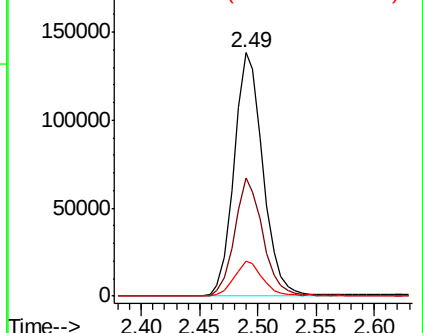
141 14.3 11.2 16.8

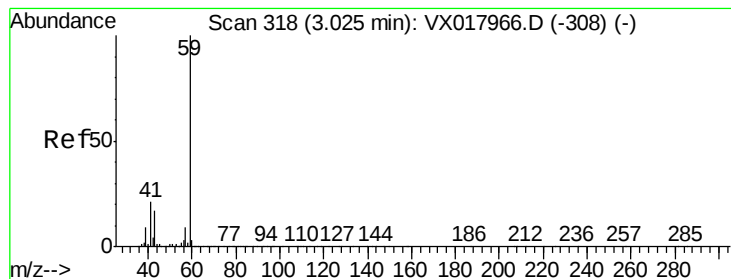


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



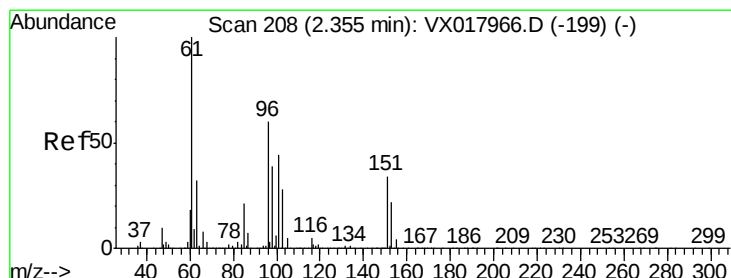
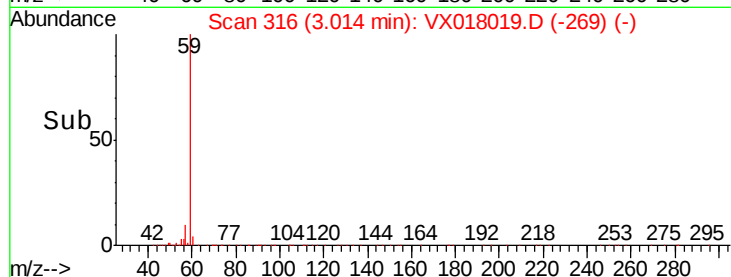
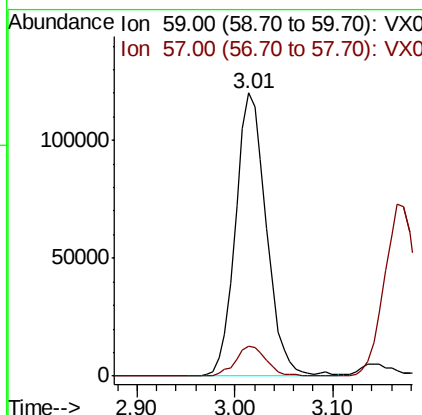
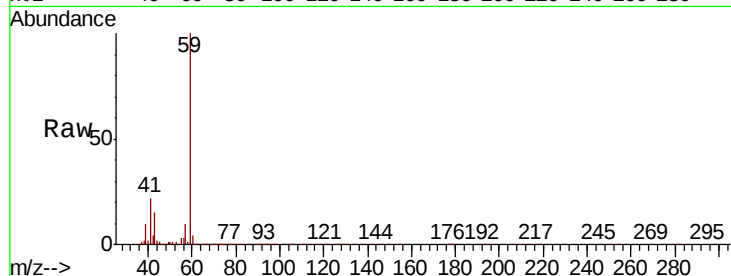


#11

Tert butyl alcohol
 Concen: 225.537 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

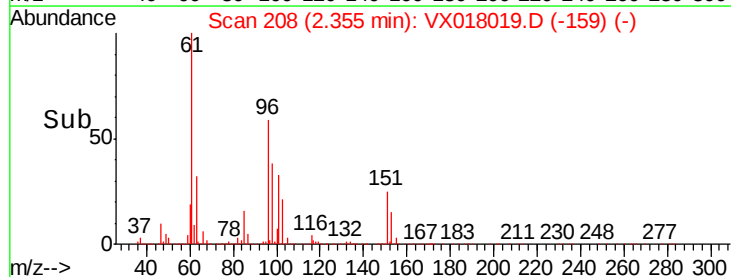
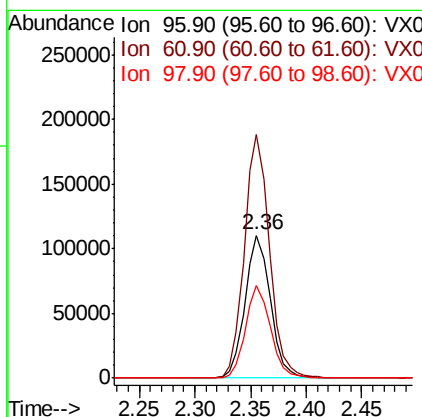
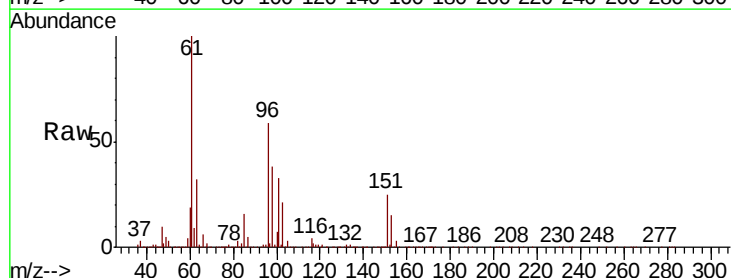
Tot Ion: 59 Resp: 262324
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 13.0

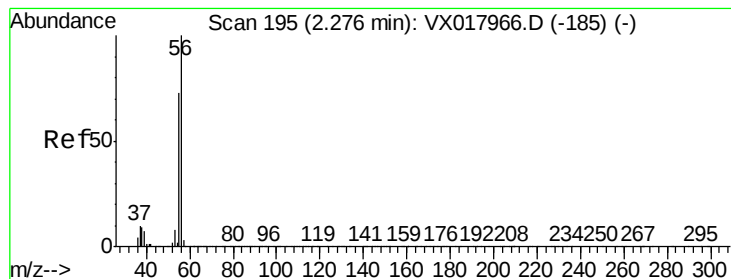


#12

1,1-Dichloroethene
 Concen: 47.202 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion: 96 Resp: 174840
 Ion Ratio Lower Upper
 96 100
 61 170.6 132.9 199.3
 98 65.2 51.6 77.4





#13

Acrolein

Concen: 190.263 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

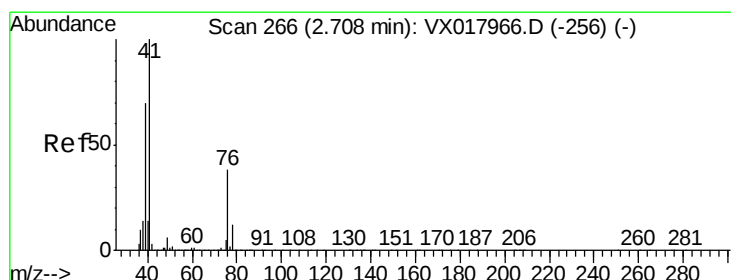
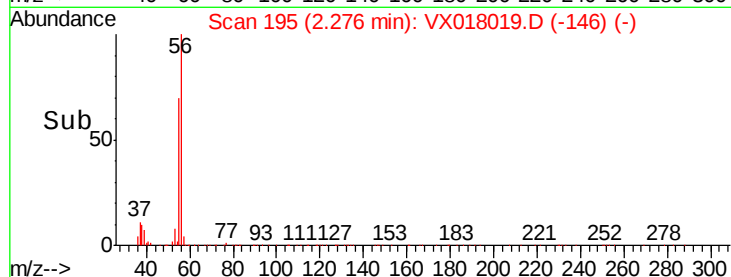
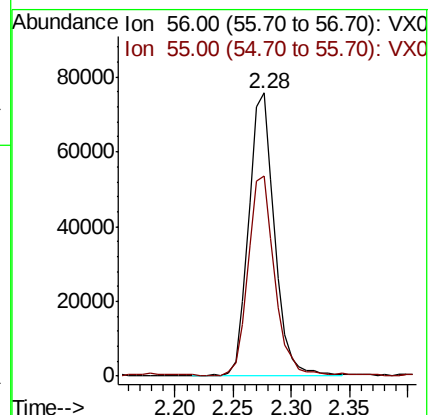
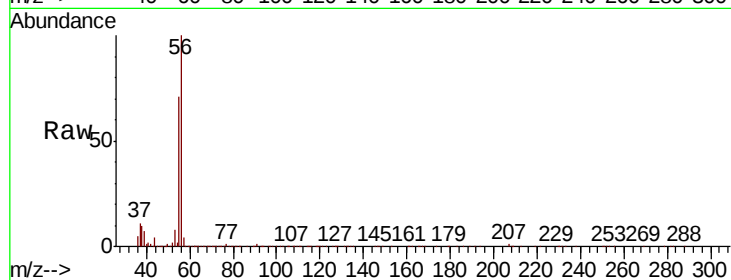
MW-BR1-081320MSD

Tot Ion: 56 Resp: 116899

Ion Ratio Lower Upper

56 100

55 71.4 58.2 87.4



#14

Allyl chloride

Concen: 50.728 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

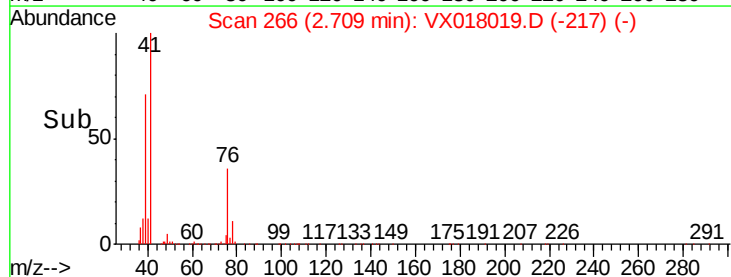
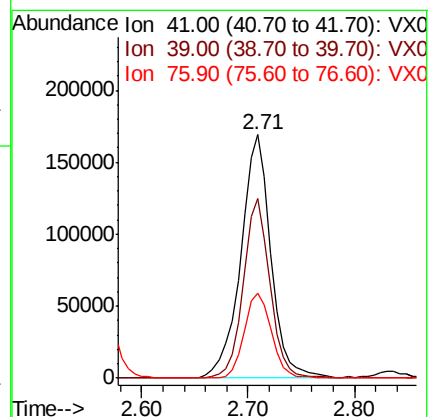
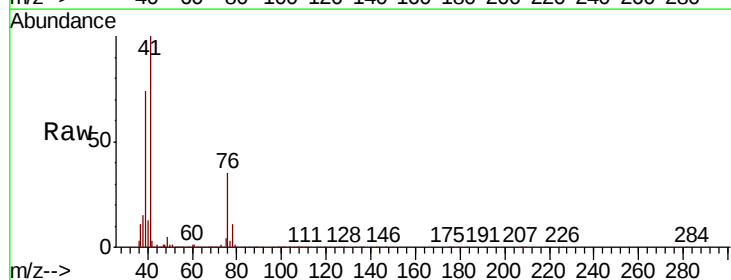
Tgt Ion: 41 Resp: 335124

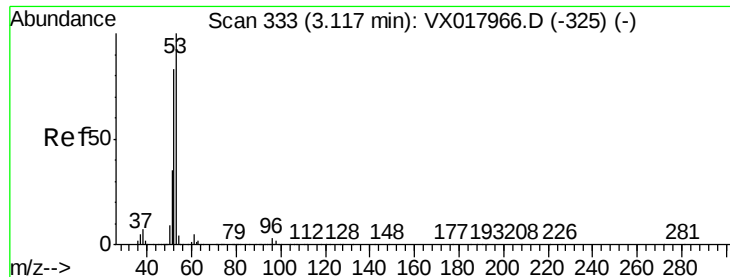
Ion Ratio Lower Upper

41 100

39 65.6 51.7 77.5

76 31.6 26.3 39.5





#15

Acrylonitrile

Concen: 266.309 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

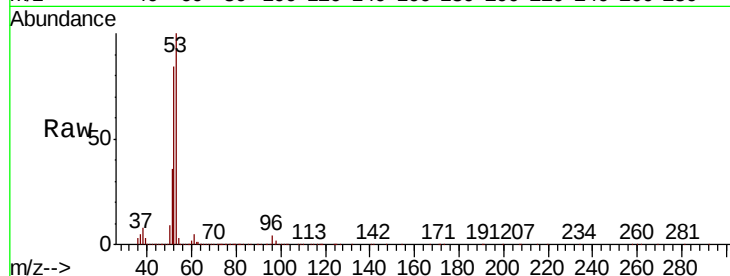
Tot Ion: 53 Resp: 676448

Ion Ratio Lower Upper

53 100

52 83.2 67.1 100.7

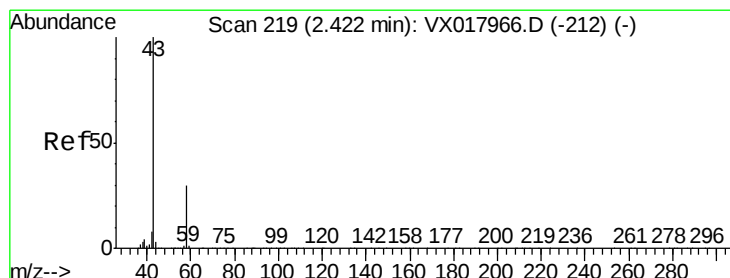
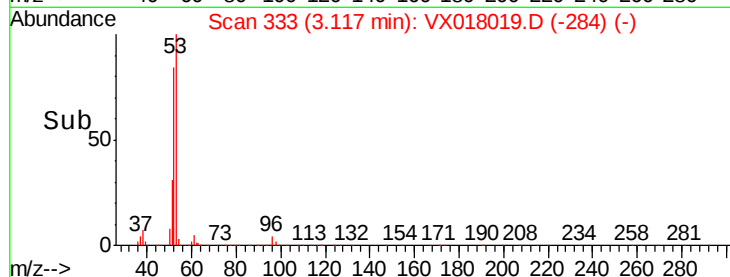
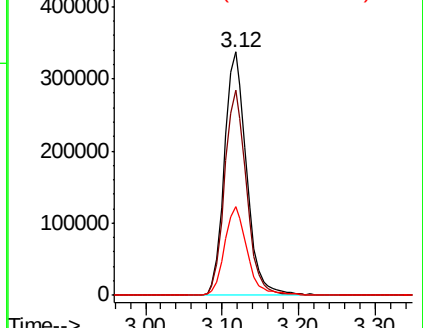
51 37.1 29.2 43.8



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: 258.137 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018019.D

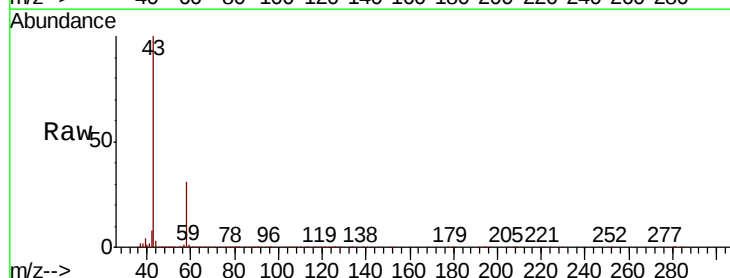
Acq: 20 Aug 2020 05:46

Tgt Ion: 43 Resp: 611776

Ion Ratio Lower Upper

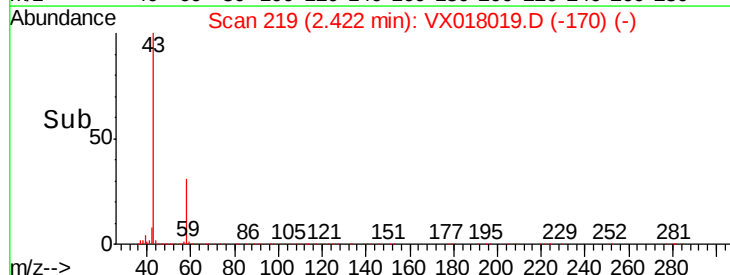
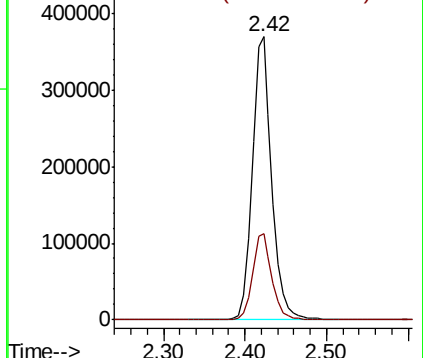
43 100

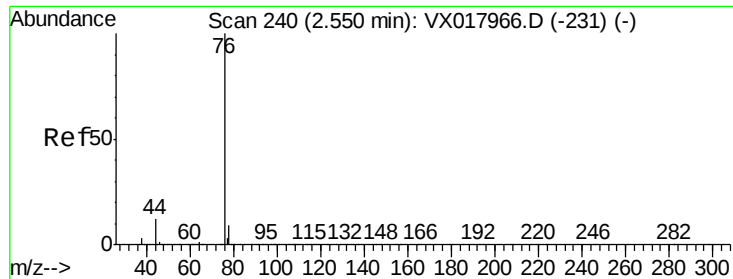
58 30.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

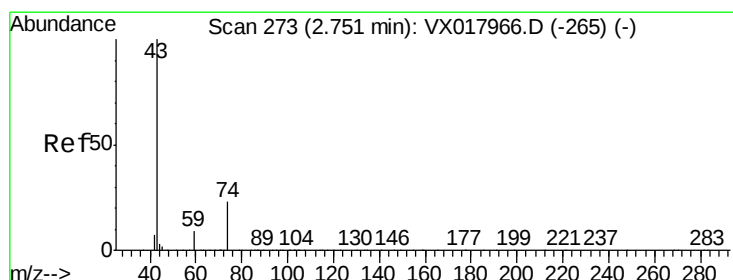
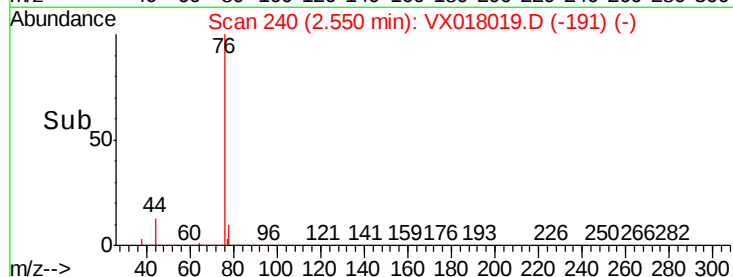
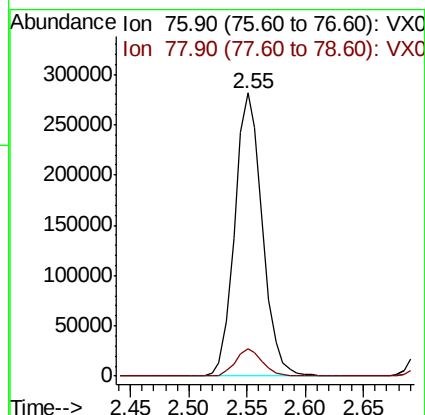
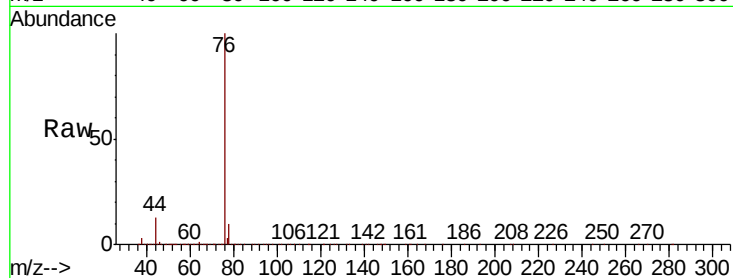




#17
Carbon Disulfide
Concen: 51.603 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

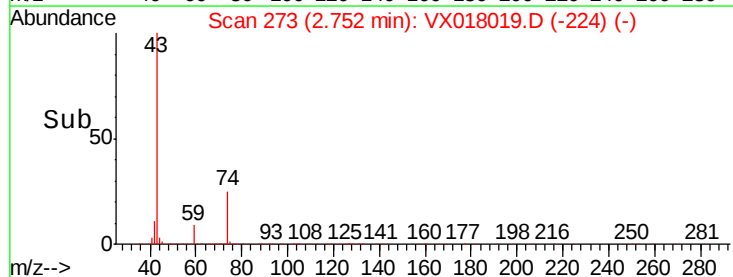
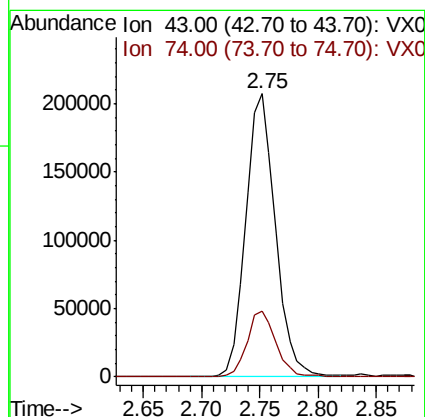
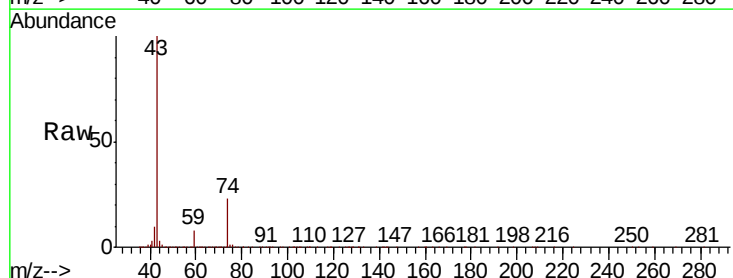
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

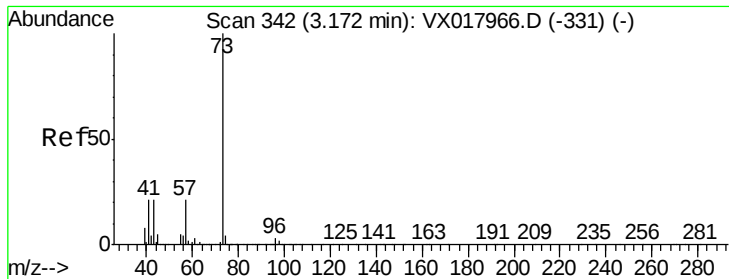
Tot Ion: 76 Resp: 463763
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 61.748 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 43 Resp: 368236
Ion Ratio Lower Upper
43 100
74 23.1 19.7 29.5

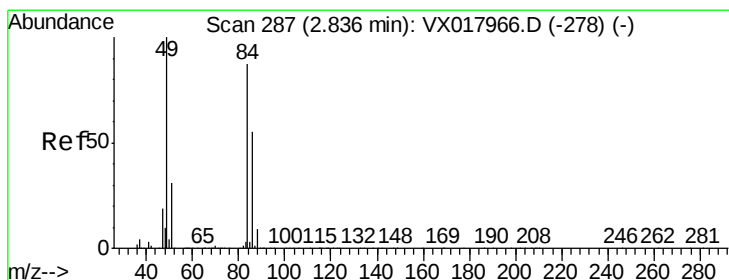
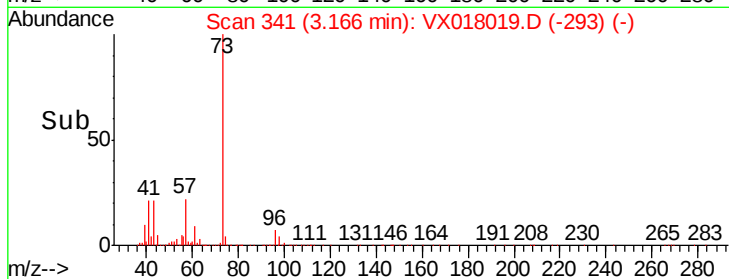
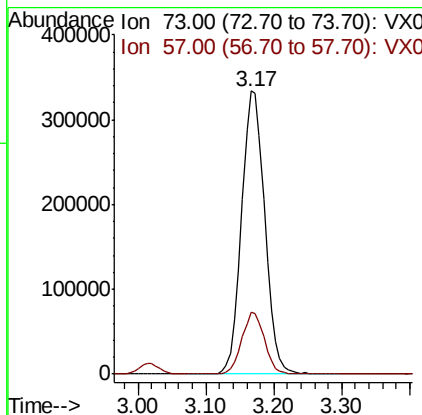
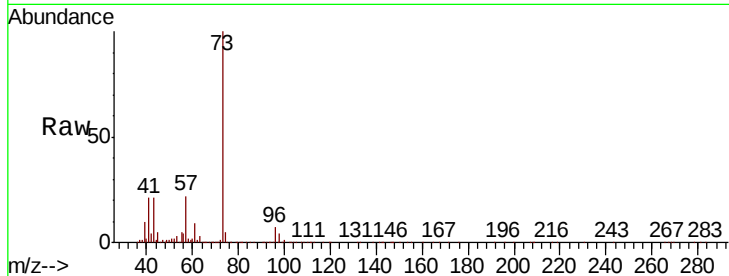




#19
Methyl tert-butyl Ether
Concen: 55.710 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

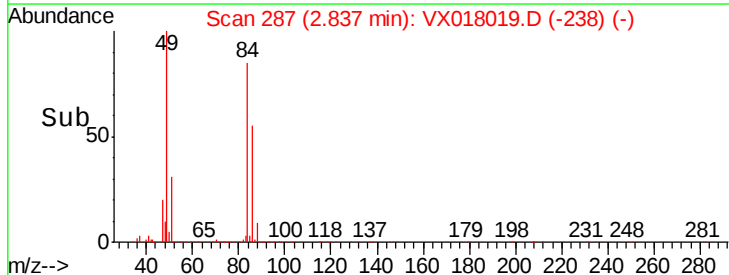
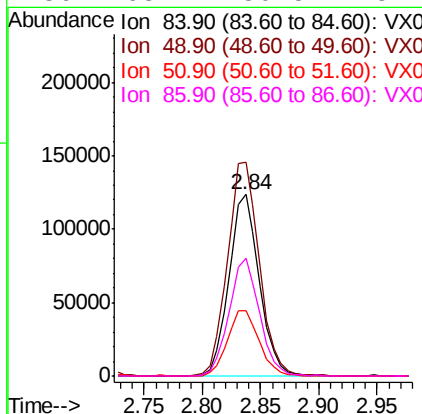
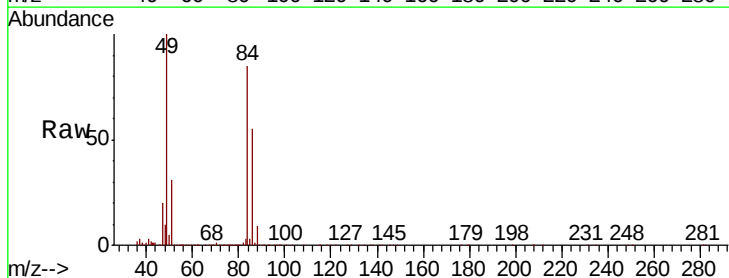
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

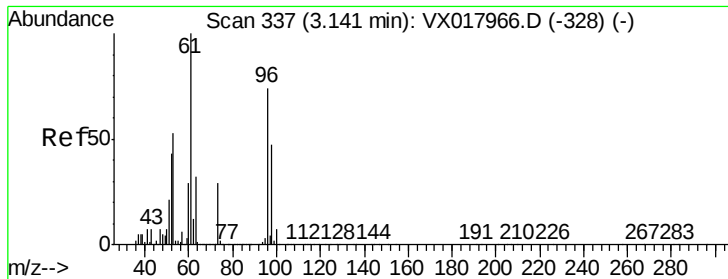
Tot Ion: 73 Resp: 788938
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3



#20
Methylene Chloride
Concen: 51.259 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 84 Resp: 223820
Ion Ratio Lower Upper
84 100
49 117.5 91.8 137.6
51 35.9 27.8 41.8
86 65.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 53.451 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

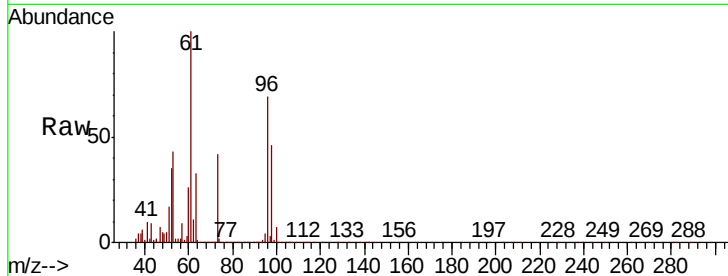
Tot Ion: 96 Resp: 203537

Ion Ratio Lower Upper

96 100

61 144.8 108.6 163.0

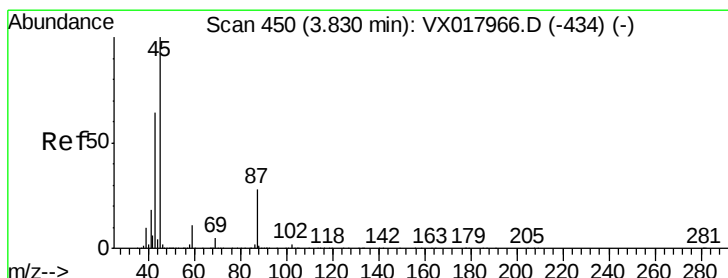
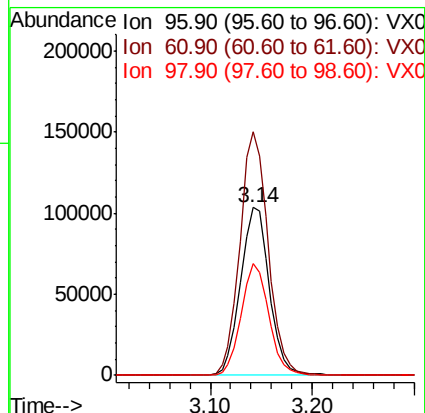
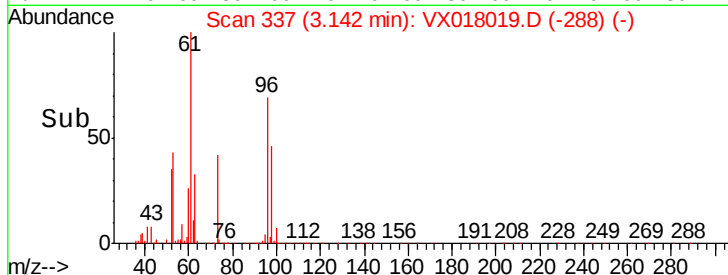
98 66.5 51.4 77.0



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: 56.550 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Tgt Ion: 45 Resp: 783145

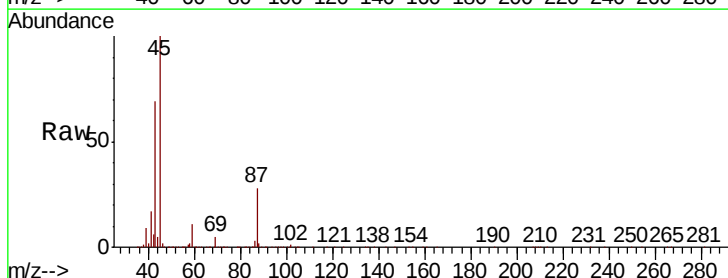
Ion Ratio Lower Upper

45 100

43 69.2 51.5 77.3

87 27.6 22.6 33.8

59 11.1 9.0 13.4

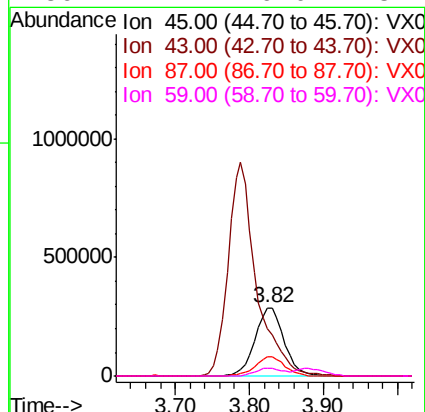
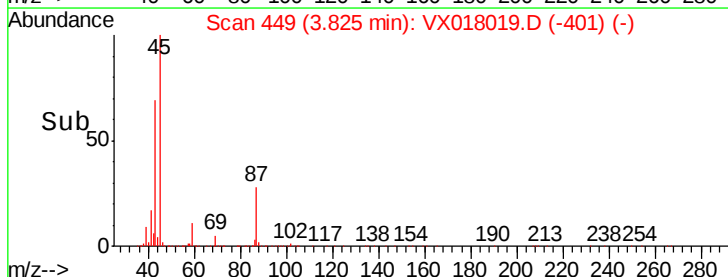


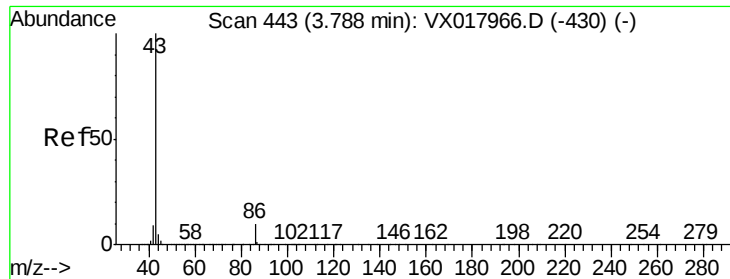
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

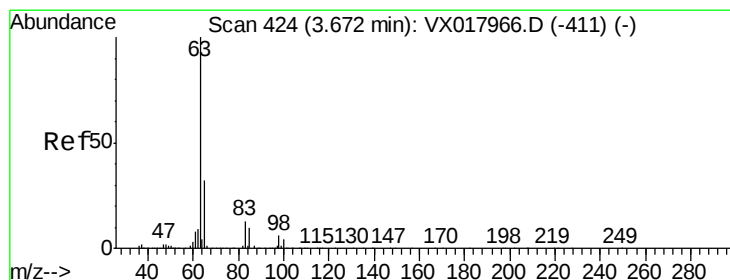
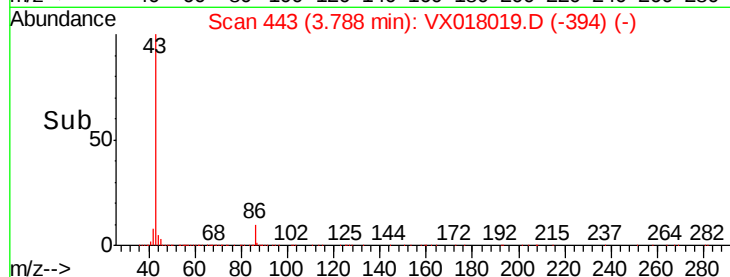
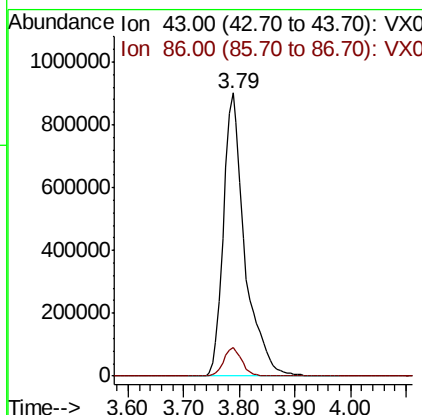
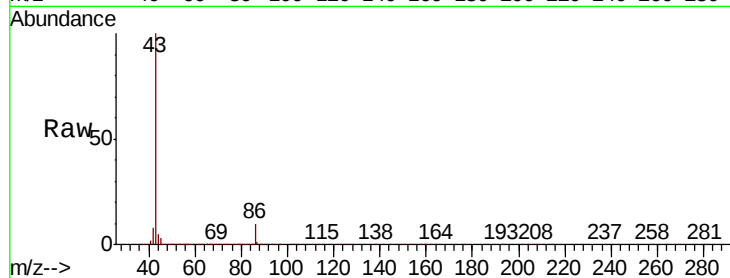




#23
 Vinyl Acetate
 Concen: 225.871 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

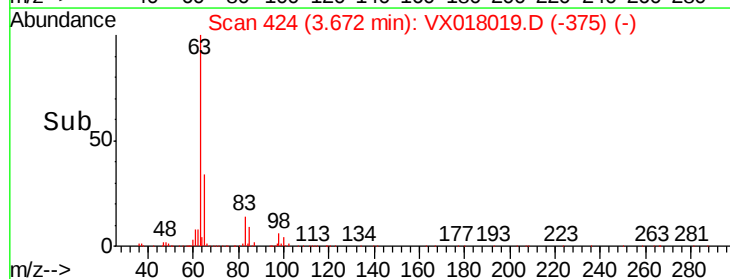
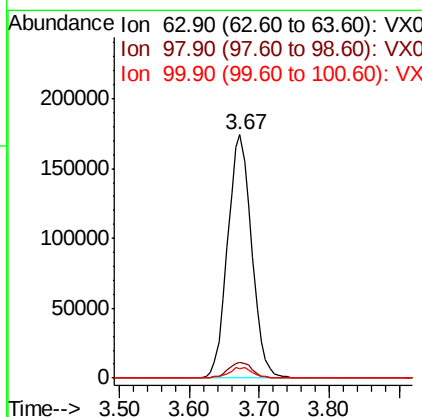
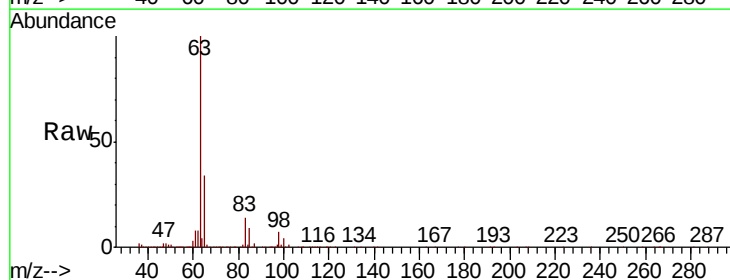
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

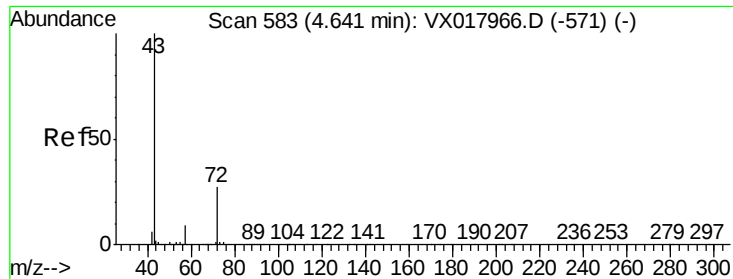
Tot Ion: 43 Resp: 2390399
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 54.281 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion: 63 Resp: 416714
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.0
 100 3.7 2.0 5.8

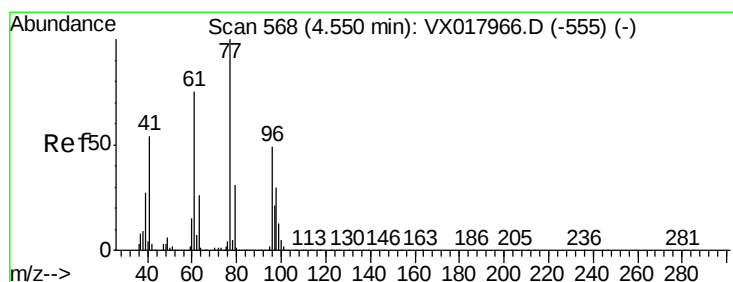
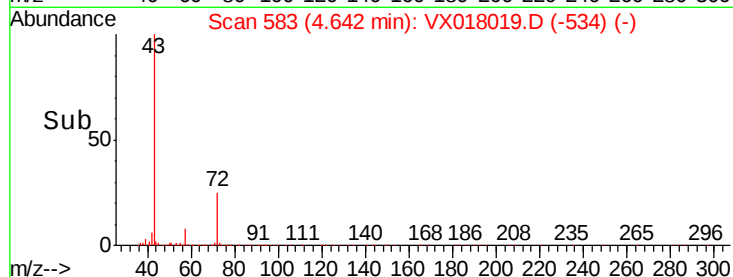
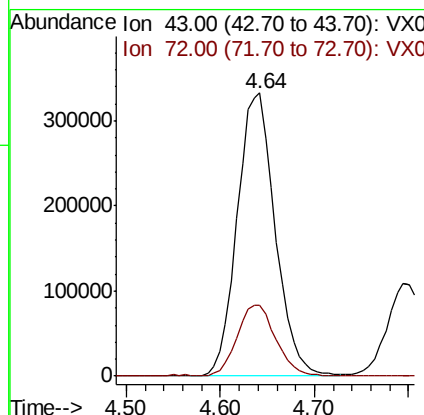
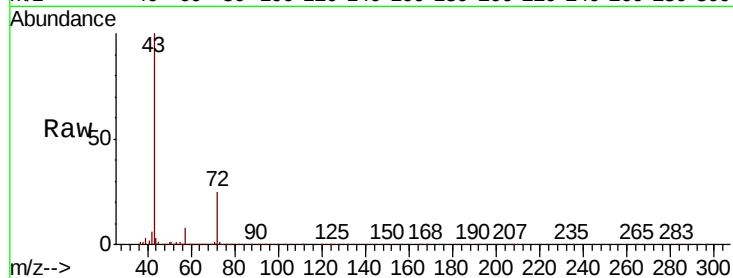




#25
2-Butanone
Concen: 260.239 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

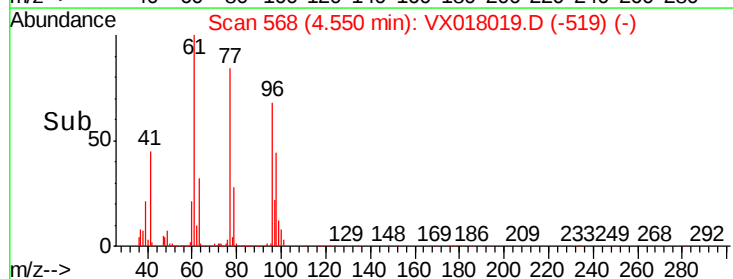
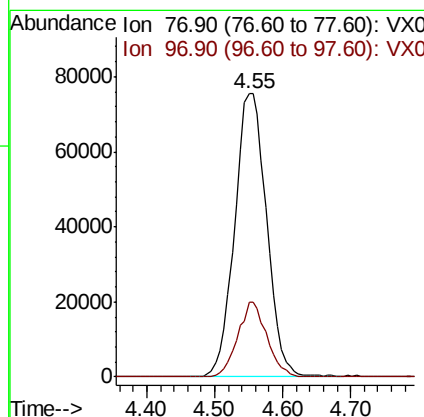
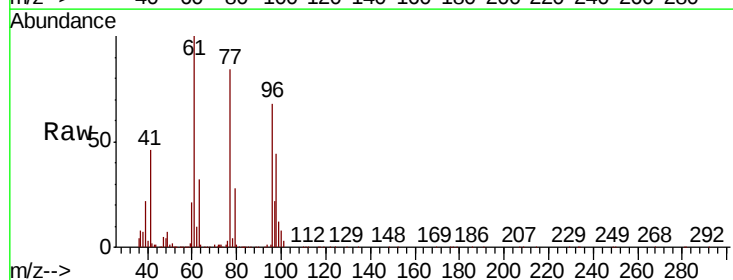
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

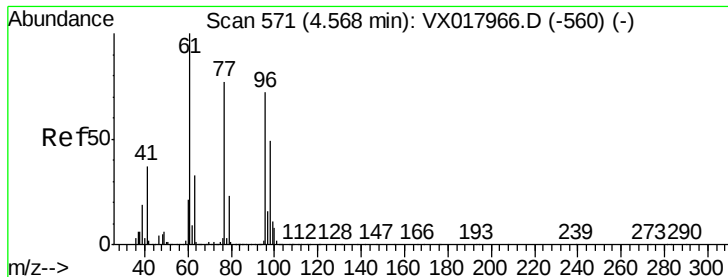
Tot Ion: 43 Resp: 933724
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 35.168 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 77 Resp: 245857
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9



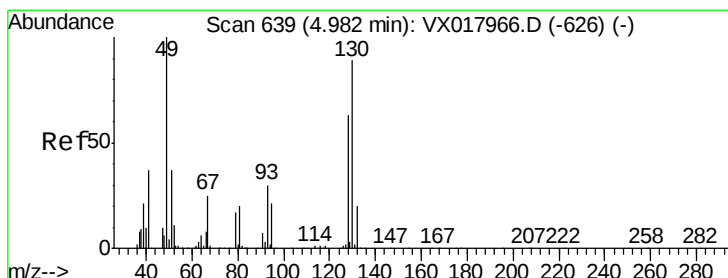
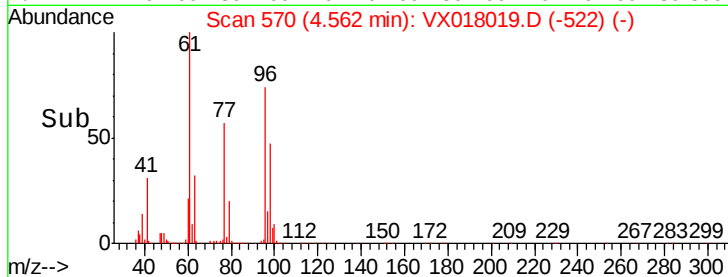
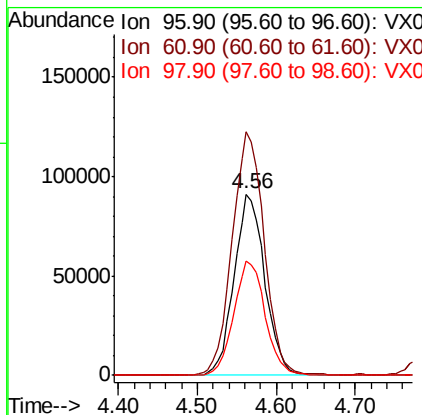
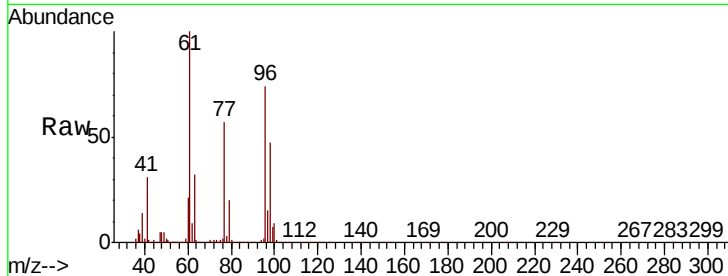


#27

cis-1,2-Dichloroethene
Concen: 54.991 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

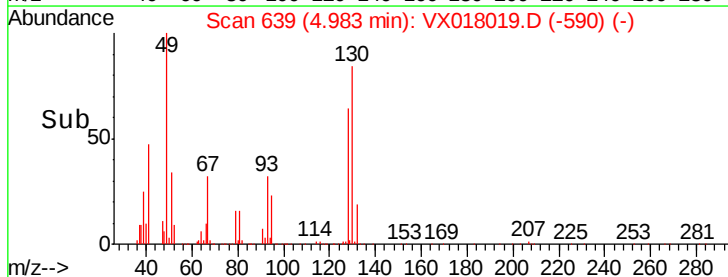
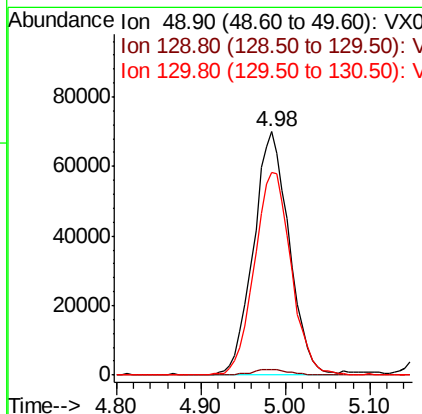
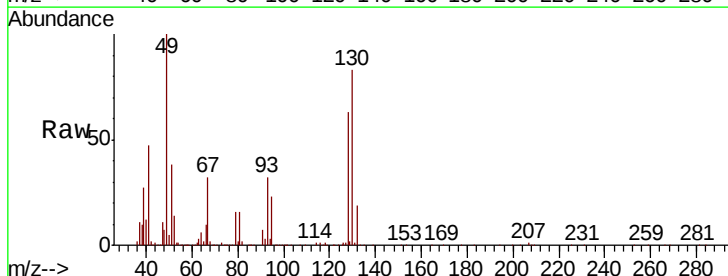
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	298.8
98	64.6	0.0	130.2

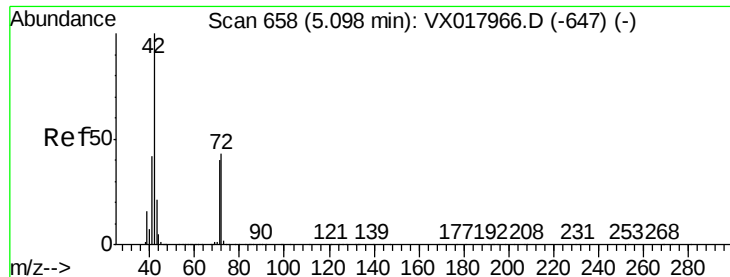


#28

Bromochloromethane
Concen: 51.097 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.6
130	86.0	68.5	102.7





#29

Tetrahydrofuran

Concen: 269.090 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

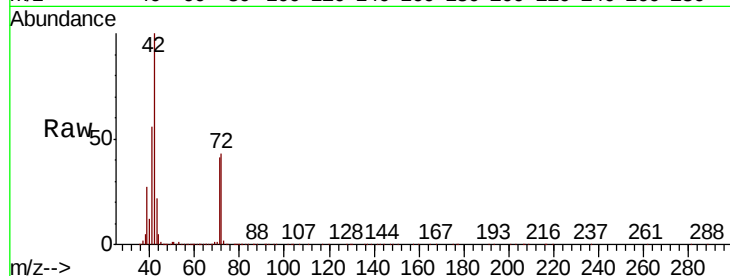
Tot Ion: 42 Resp: 599623

Ion Ratio Lower Upper

42 100

72 44.6 35.9 53.9

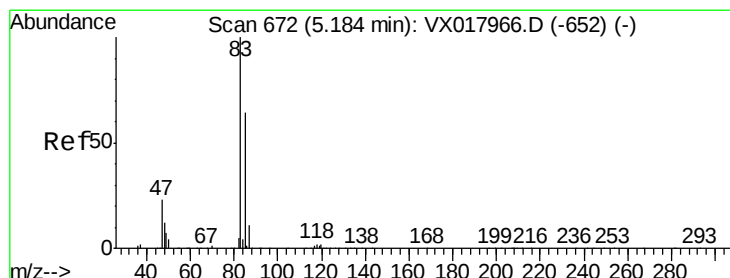
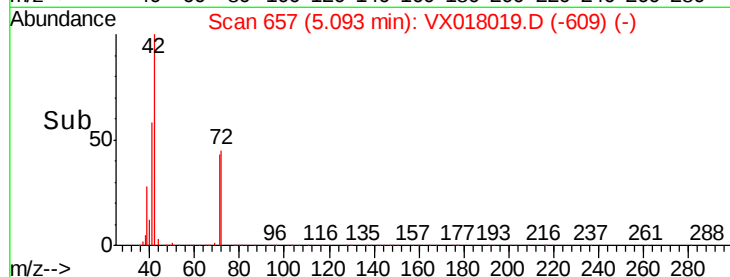
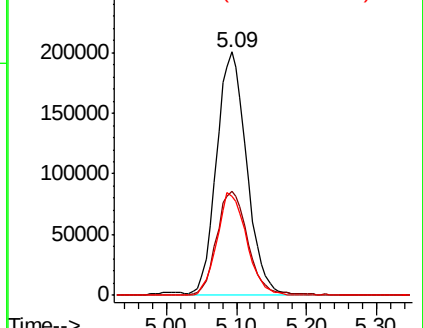
71 41.4 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.367 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018019.D

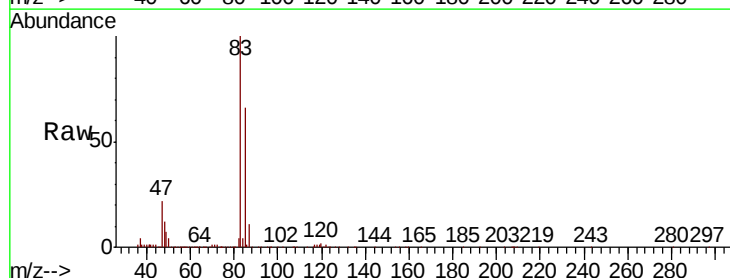
Acq: 20 Aug 2020 05:46

Tgt Ion: 83 Resp: 456200

Ion Ratio Lower Upper

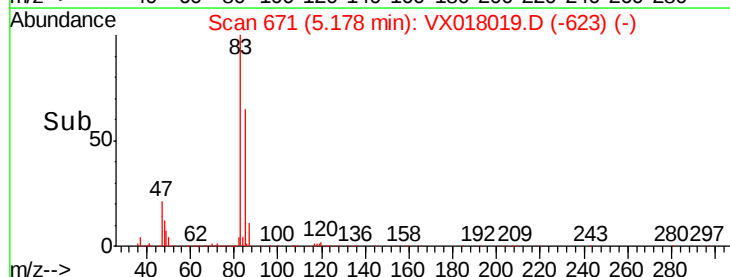
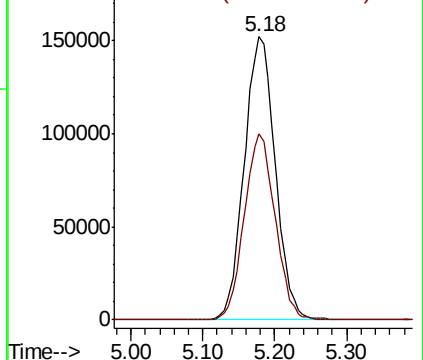
83 100

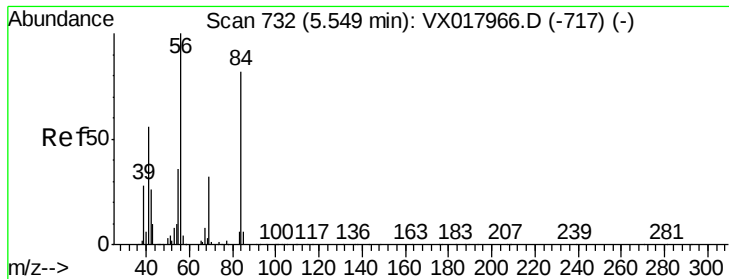
85 66.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

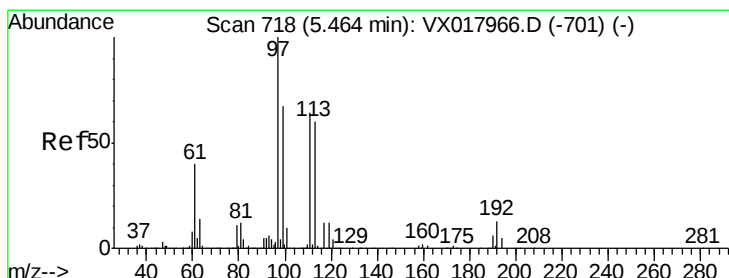
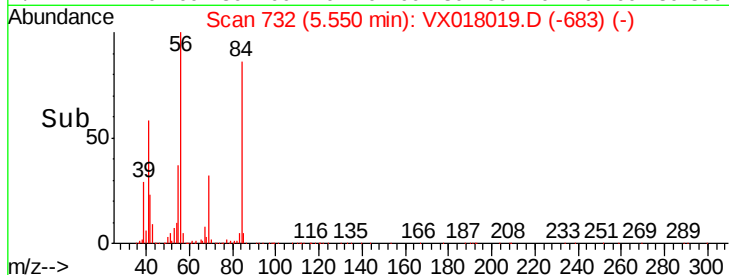
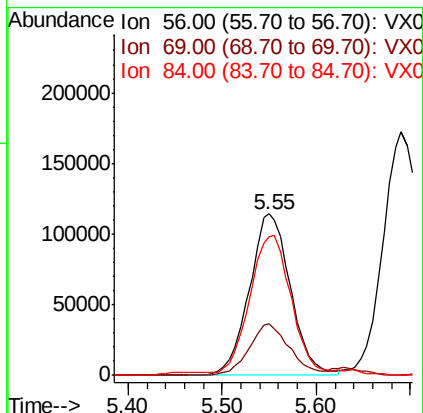
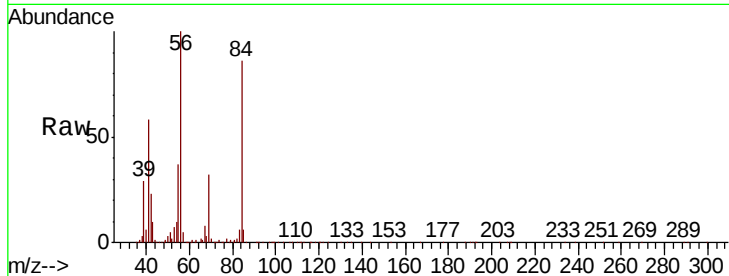




#31
Cyclohexane
Concen: 55.970 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

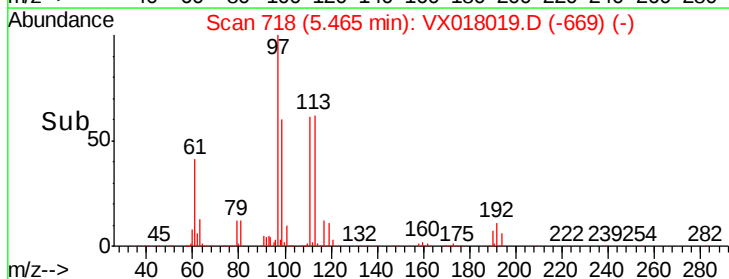
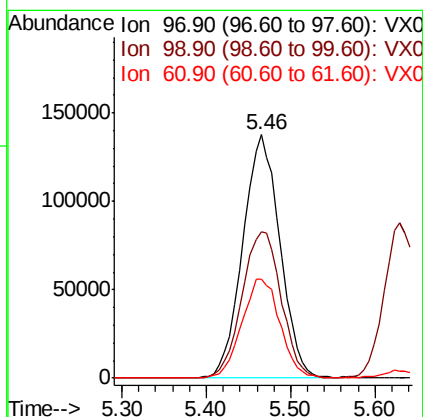
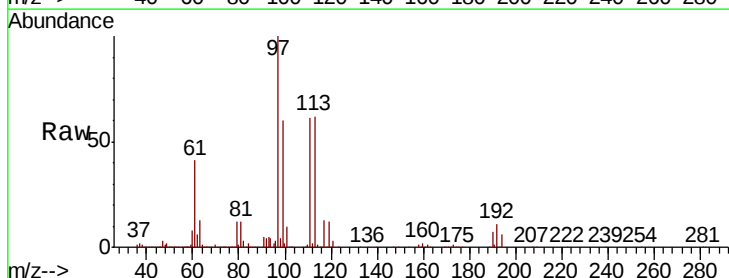
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

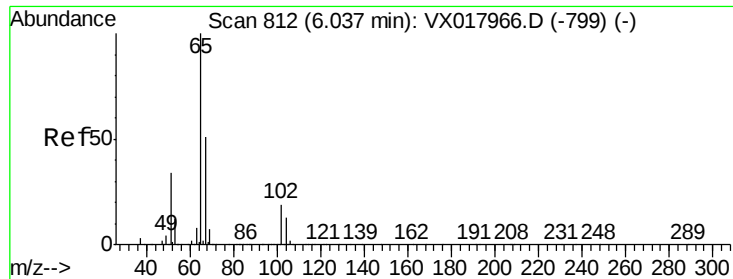
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.3	37.9
84	83.8	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 54.247 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	41.7	33.7	50.5

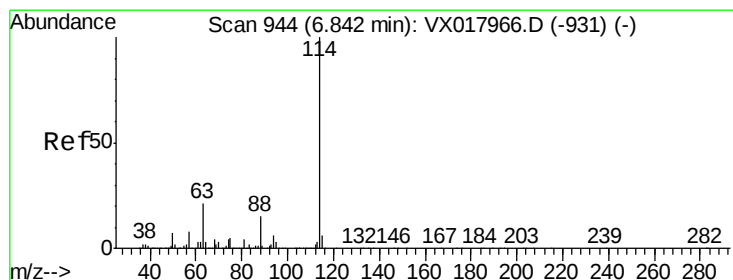
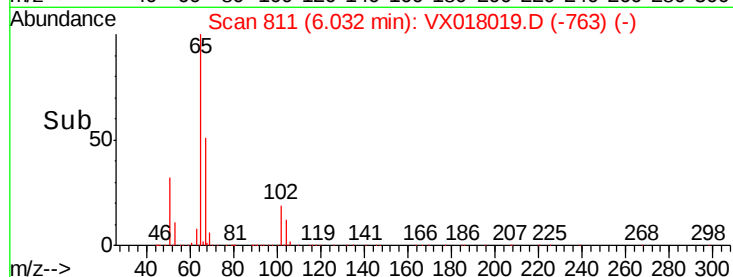
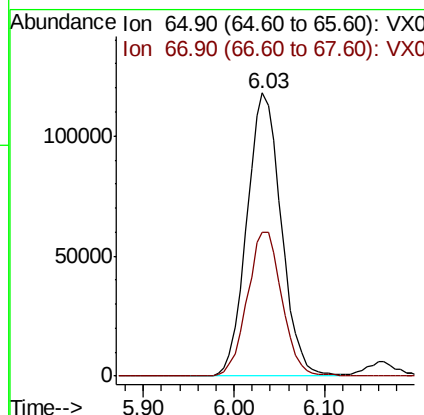
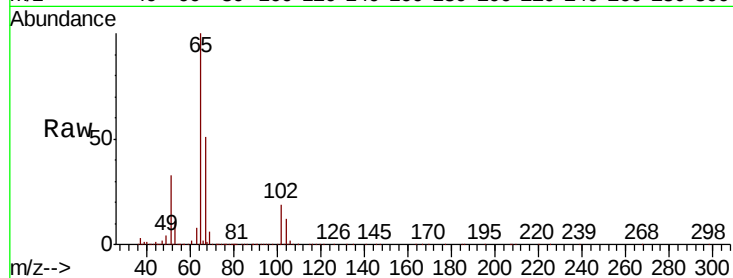




#33
 1,2-Dichloroethane-d4
 Concen: 51.395 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

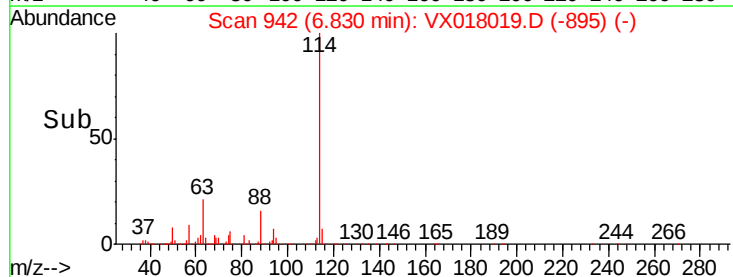
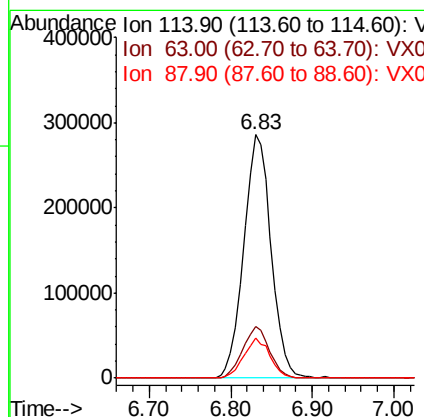
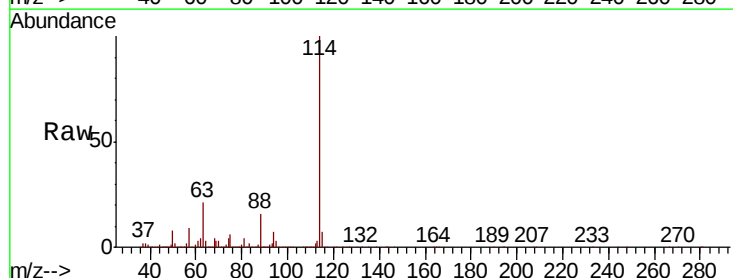
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

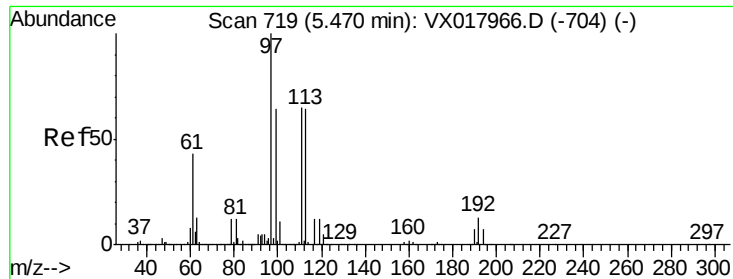
Tot Ion: 65 Resp: 309613
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion: 114 Resp: 663500
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.3 0.0 30.2

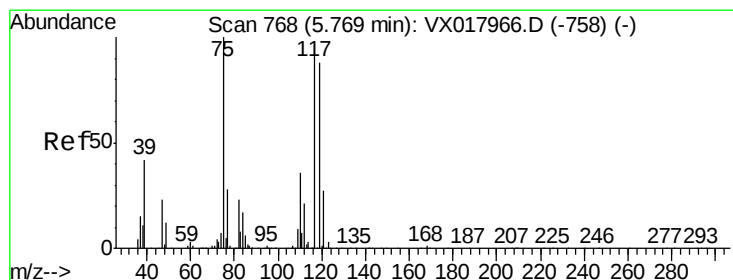
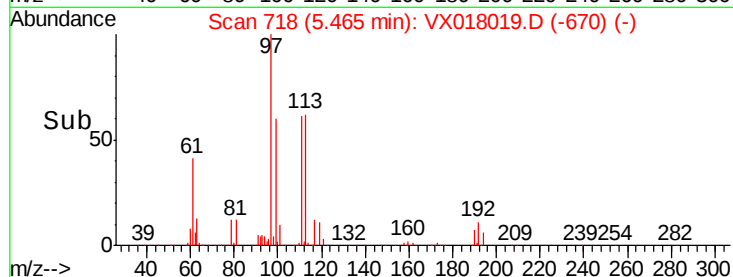
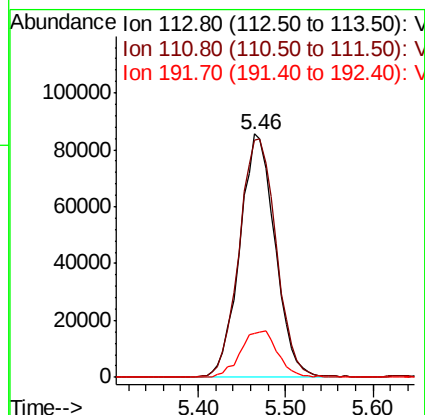
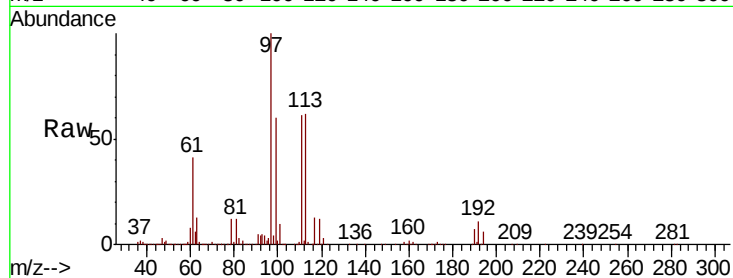




#35
 Dibromofluoromethane
 Concen: 48.528 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

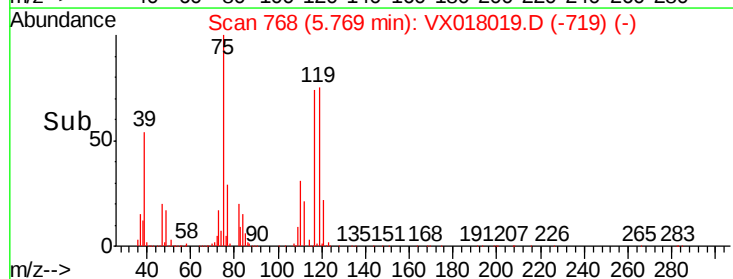
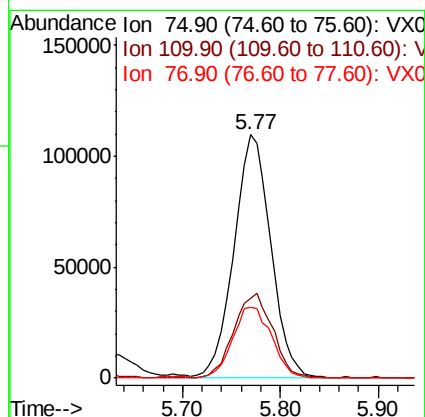
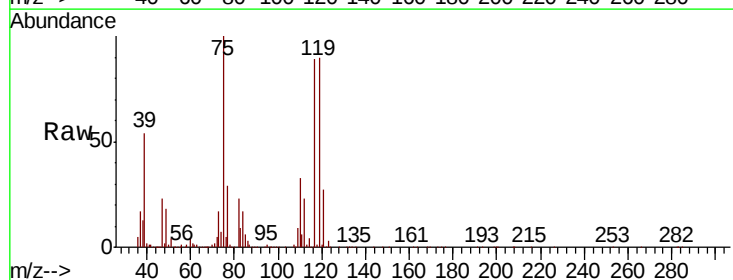
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

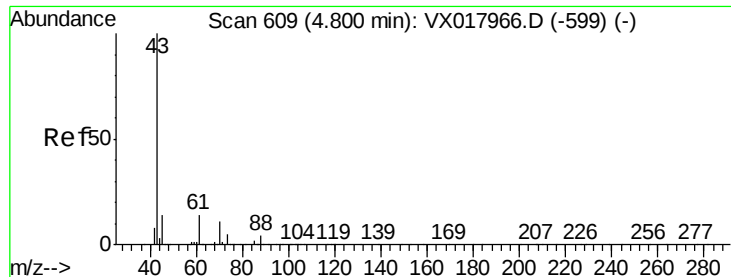
Tot Ion:113 Resp: 239778
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.5 125.3
 192 20.3 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 51.465 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion: 75 Resp: 285811
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.7 56.1
 77 30.9 24.4 36.6

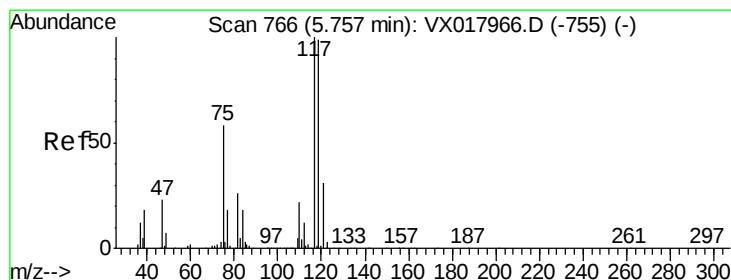
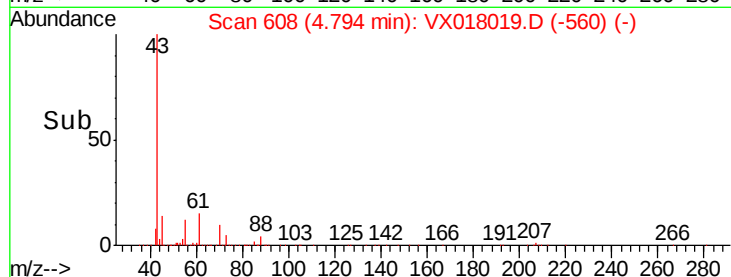
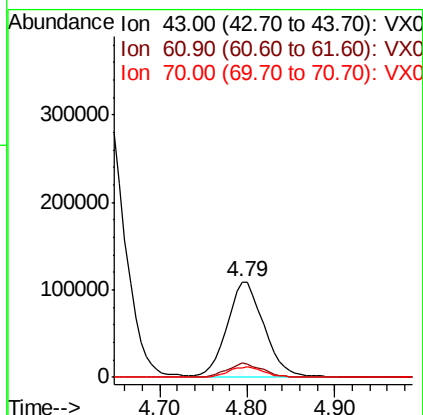
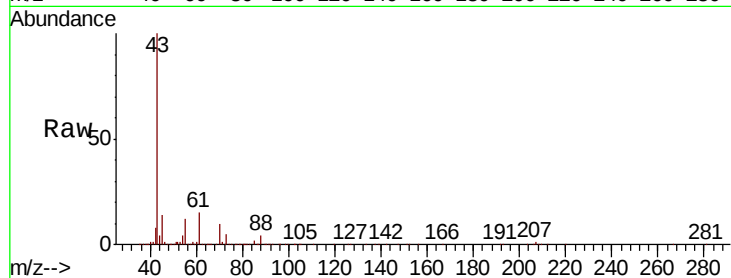




#37
Ethyl Acetate
Concen: 48.079 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

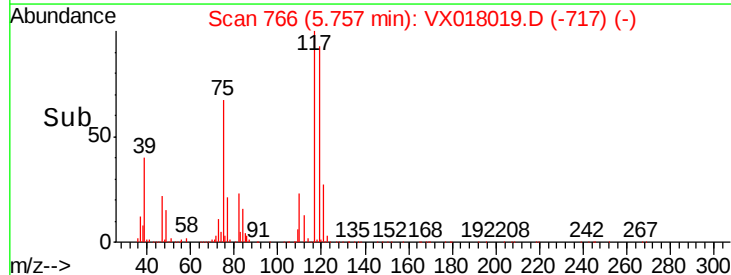
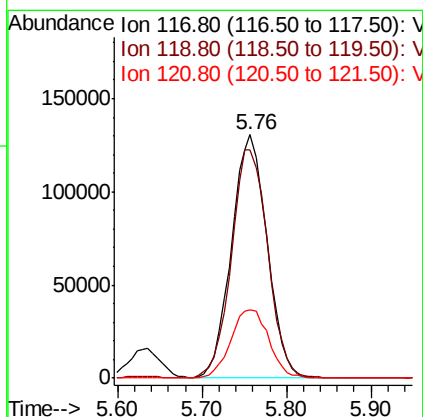
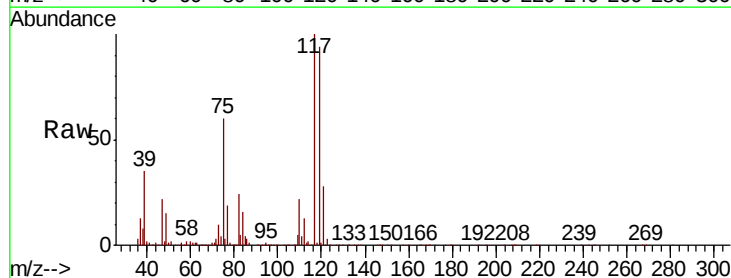
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

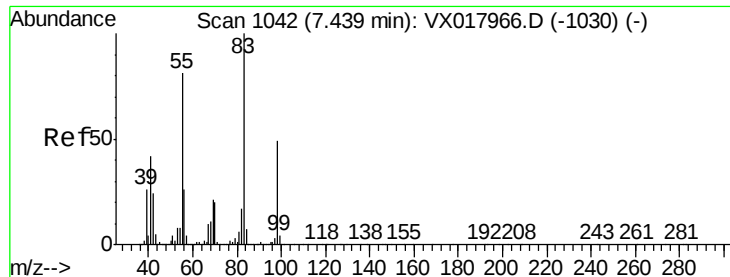
Tot Ion:	43	Resp:	319468
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	11.1	8.5	12.7



#38
Carbon Tetrachloride
Concen: 51.779 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion:	117	Resp:	372160
Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.0	118.6
121	27.8	24.7	37.1

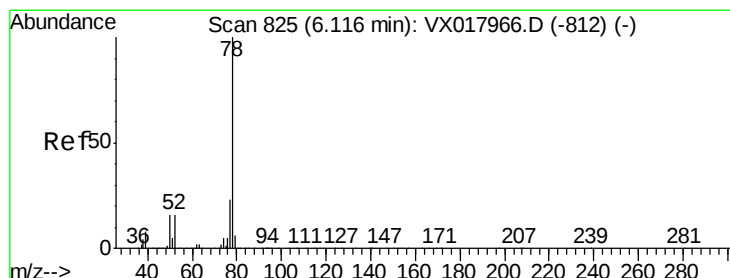
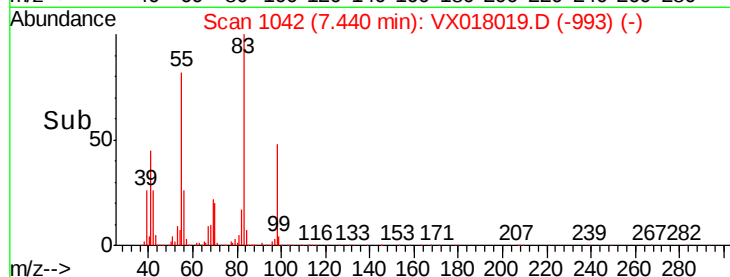
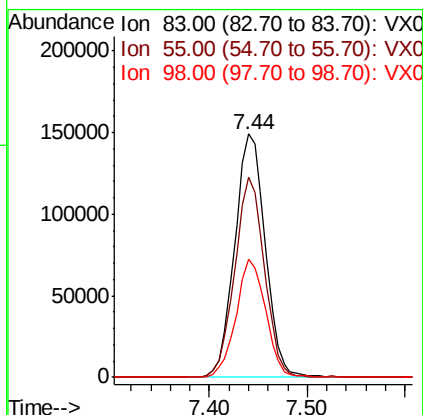
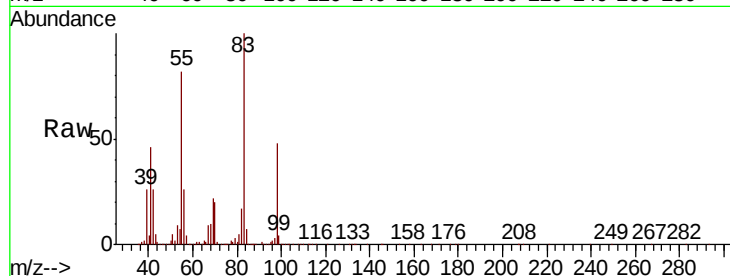




#39
Methvlcvclohexane
Concen: 45.528 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

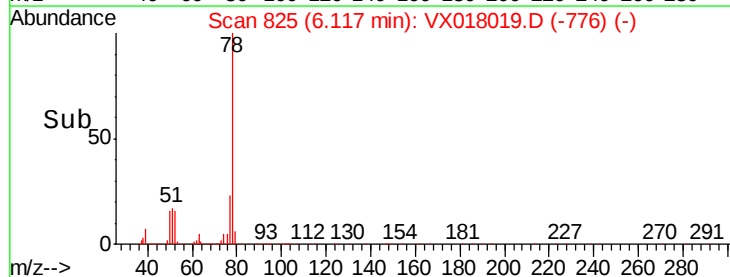
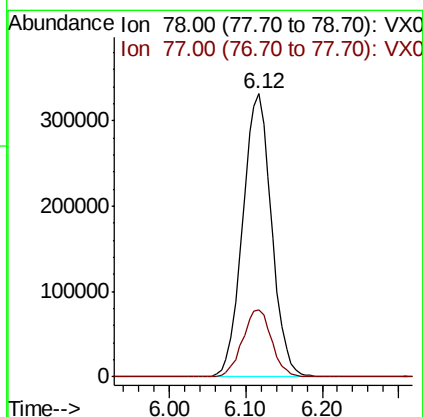
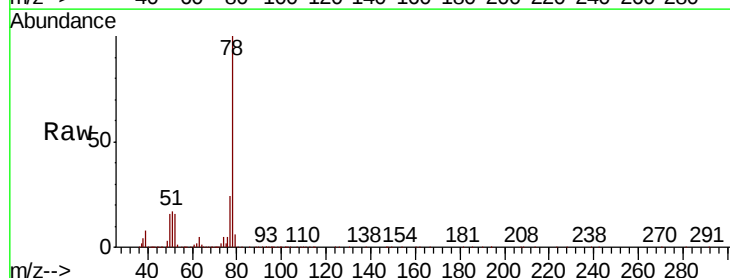
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

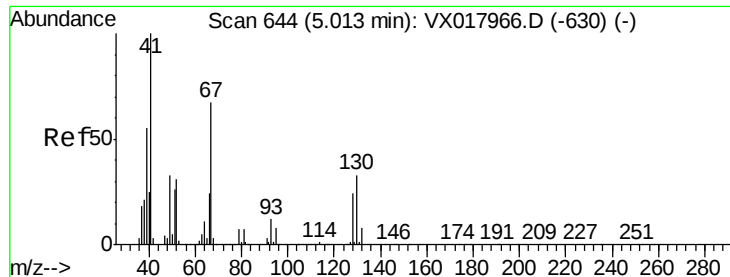
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	64.5	96.7
98	48.3	39.0	58.6



#40
Benzene
Concen: 51.877 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 53.442 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion: 41 Resp: 203533

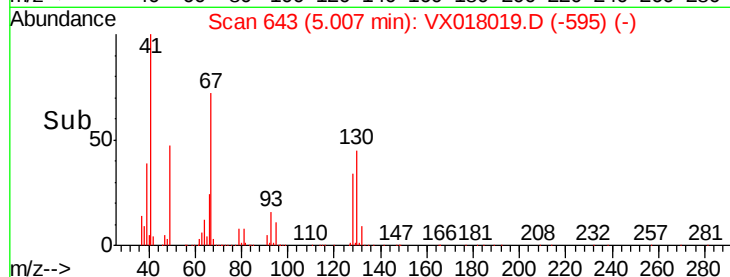
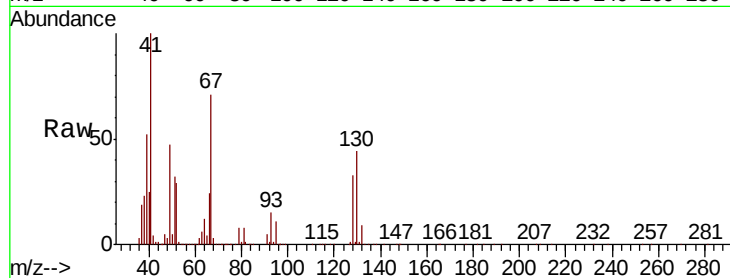
Ion Ratio Lower Upper

41 100

39 52.2 44.8 67.2

67 71.3 57.5 86.3

52 30.1 25.6 38.4

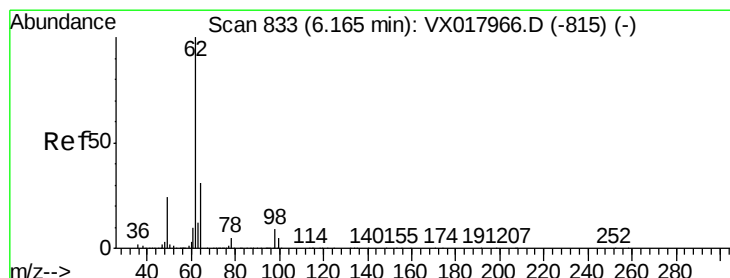
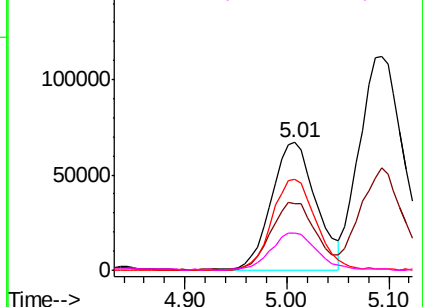


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.663 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018019.D

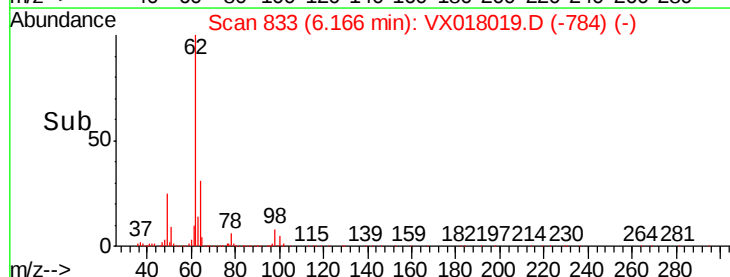
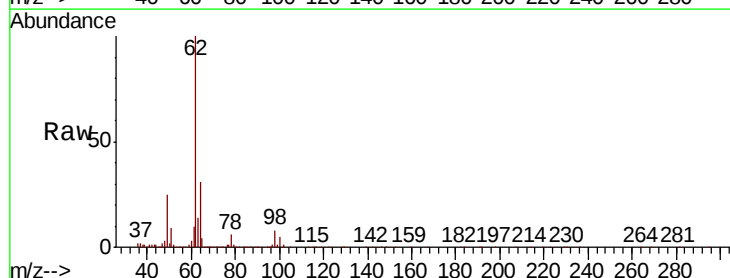
Acq: 20 Aug 2020 05:46

Tgt Ion: 62 Resp: 374175

Ion Ratio Lower Upper

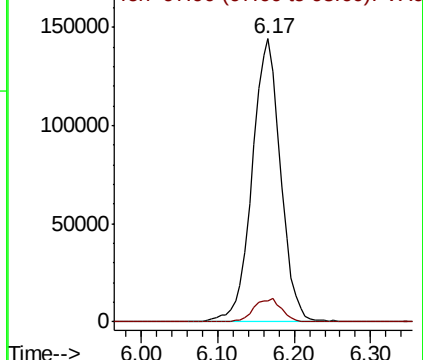
62 100

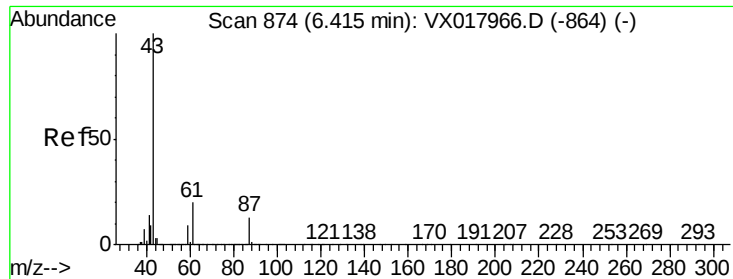
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



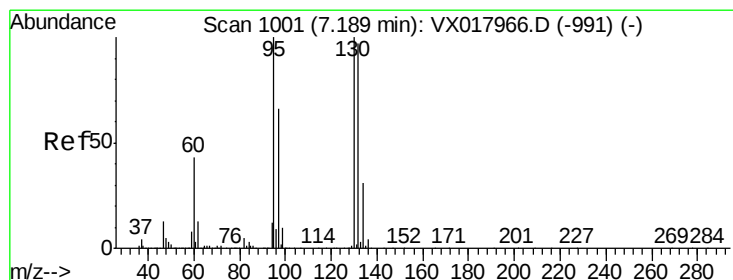
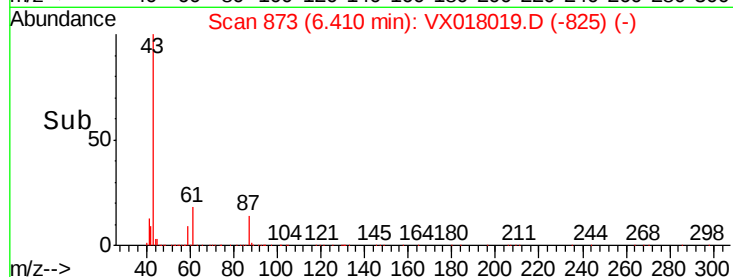
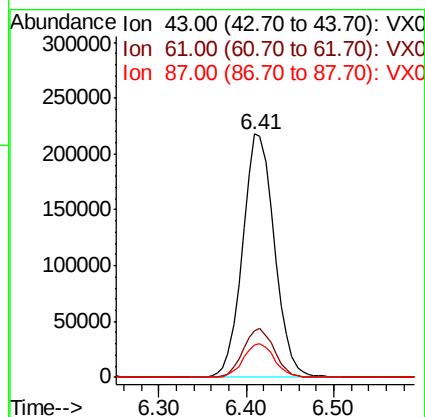
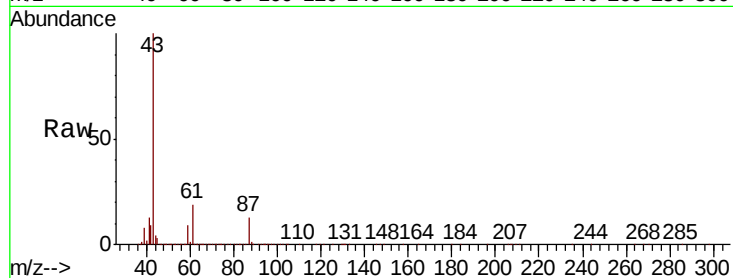


#43

Isopropyl Acetate
 Concen: 50.998 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

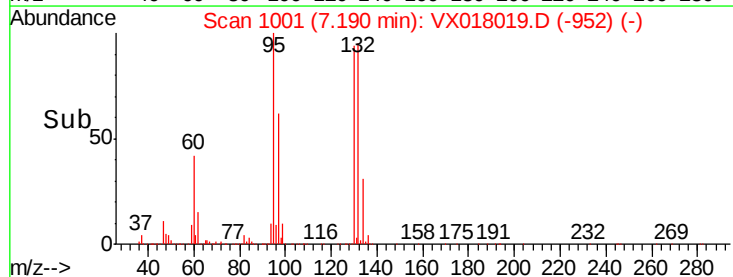
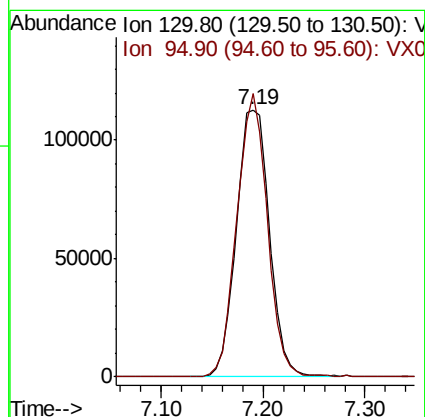
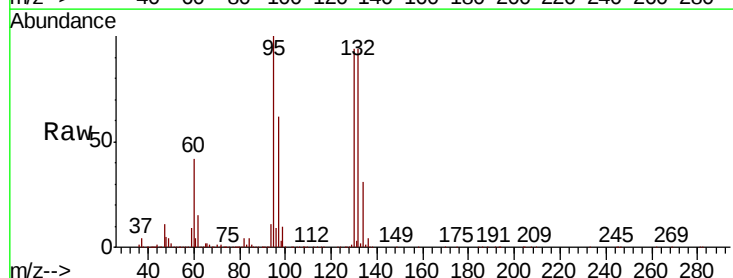
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.4
87	13.5	10.8	16.2

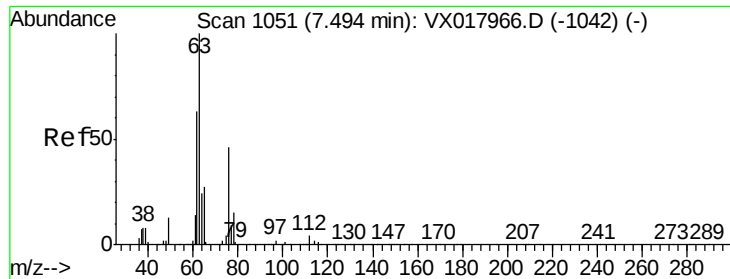


#44

Trichloroethene
 Concen: 51.251 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	200.6





#45

1,2-Dichloropropane

Concen: 51.550 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

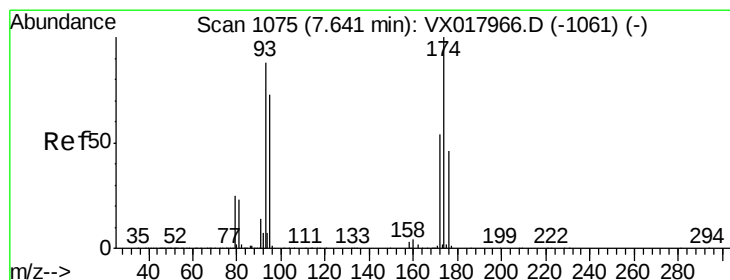
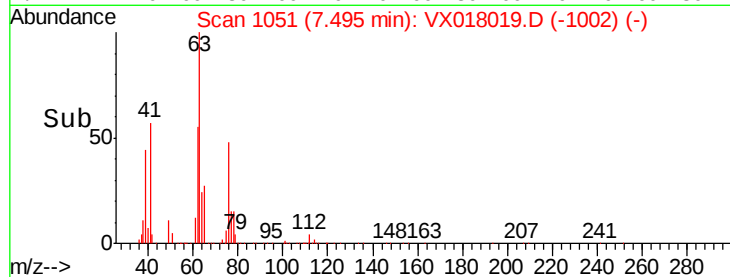
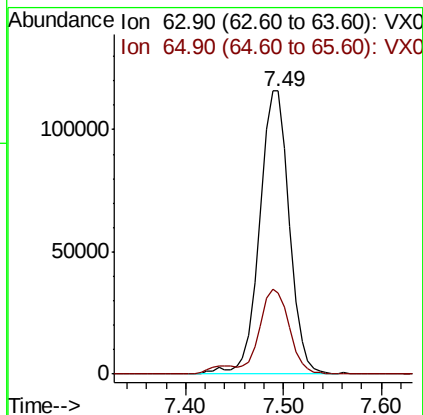
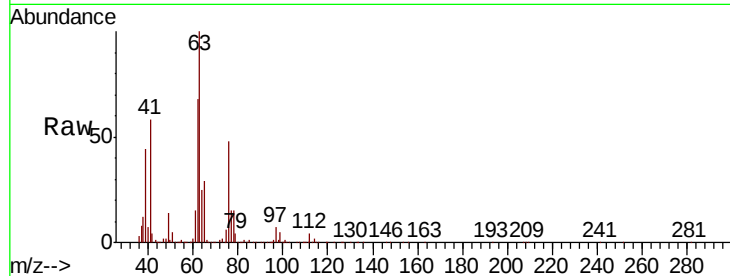
MW-BR1-081320MSD

Tot Ion: 63 Resp: 247055

Ion Ratio Lower Upper

63 100

65 28.6 23.8 35.8



#46

Dibromomethane

Concen: 51.814 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

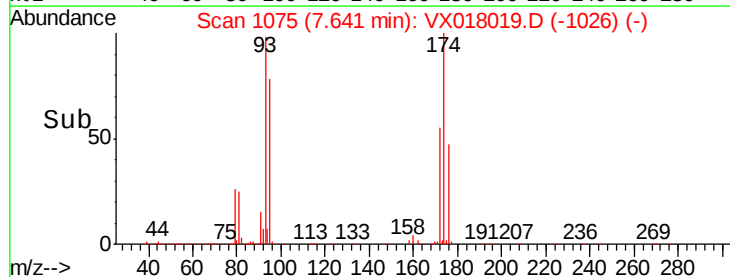
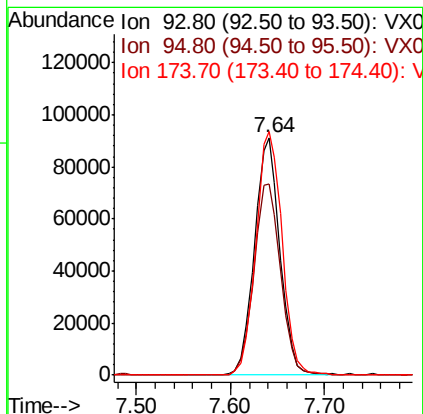
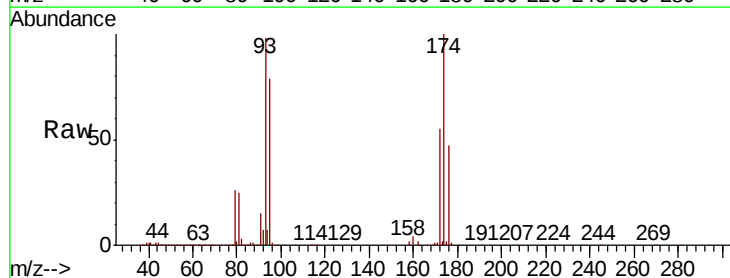
Tgt Ion: 93 Resp: 173306

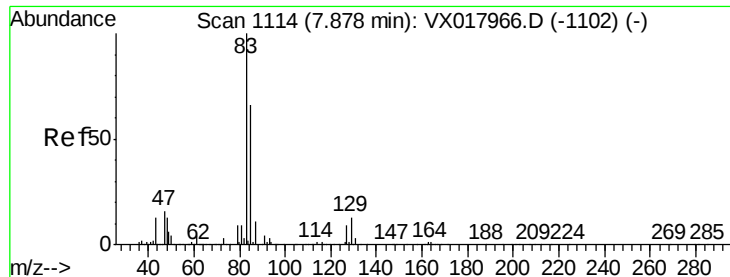
Ion Ratio Lower Upper

93 100

95 84.9 66.8 100.2

174 105.7 88.3 132.5





#47

Bromodichloromethane

Concen: 51.806 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

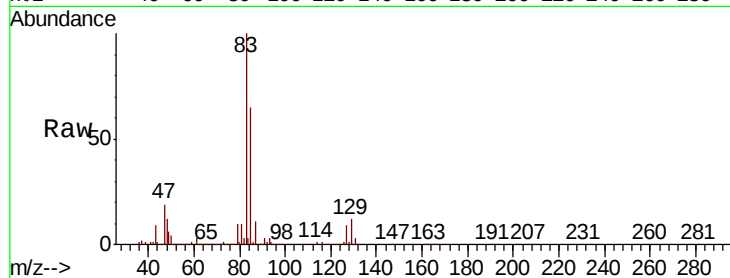
Tot Ion: 83 Resp: 376175

Ion Ratio Lower Upper

83 100

85 65.2 52.4 78.6

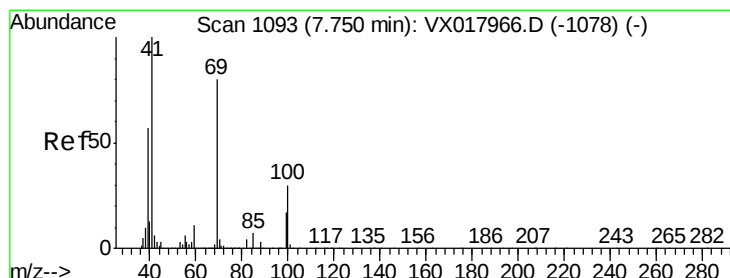
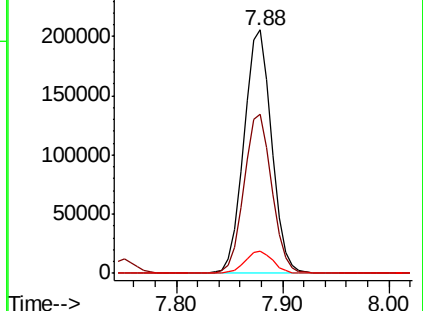
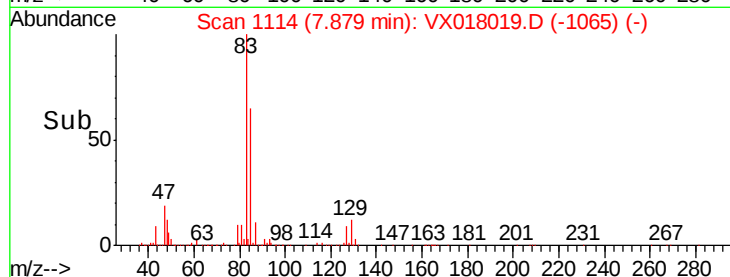
127 9.1 7.0 10.6



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: 53.532 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

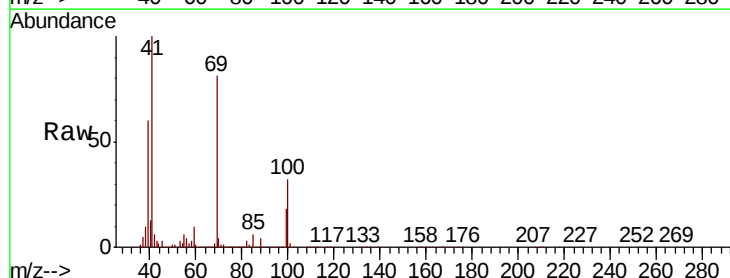
Tgt Ion: 41 Resp: 284662

Ion Ratio Lower Upper

41 100

69 83.0 64.3 96.5

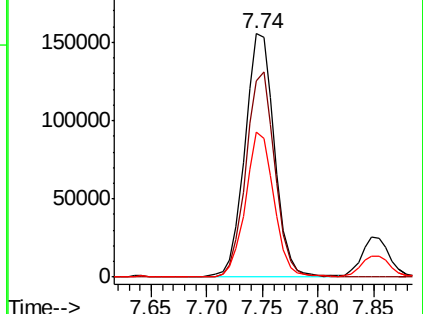
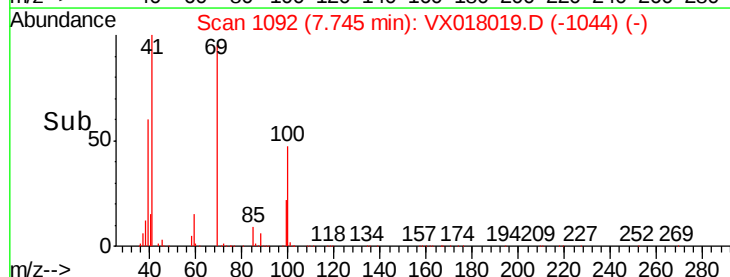
39 57.5 45.3 67.9

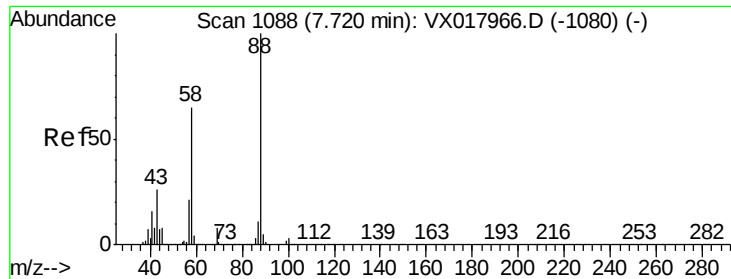


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

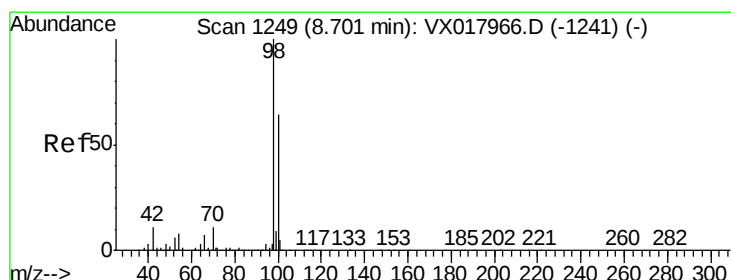
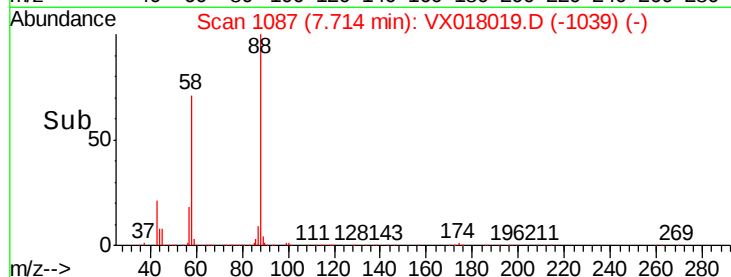
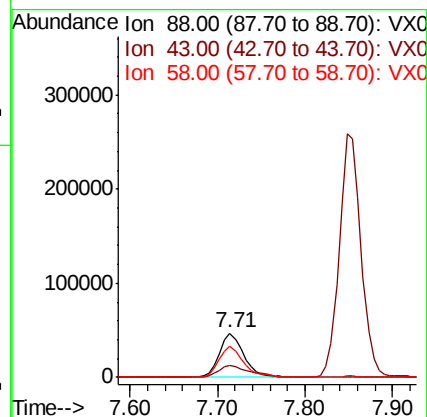
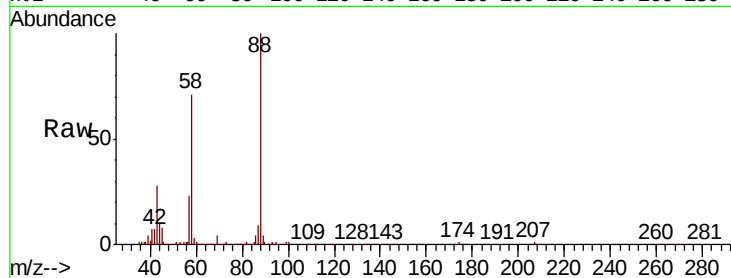




#49
1,4-Dioxane
Concen: 842.406 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

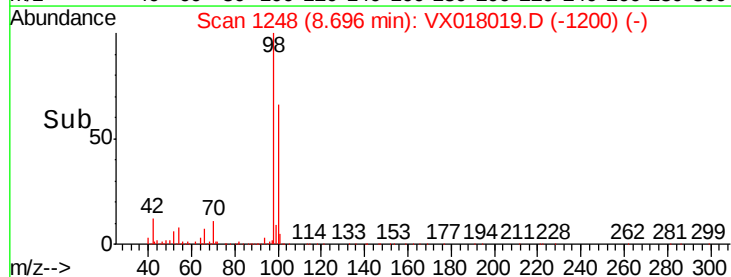
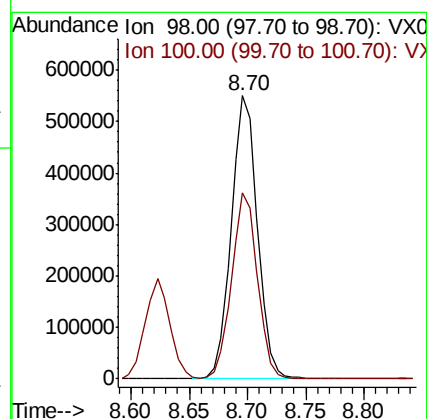
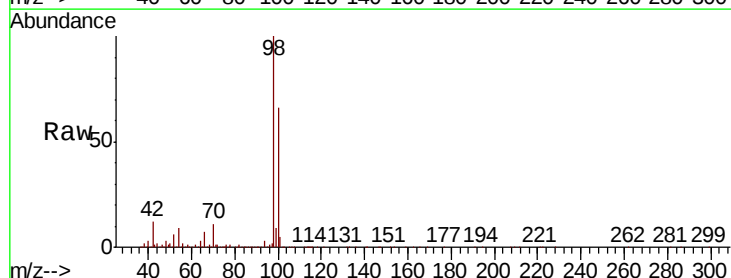
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

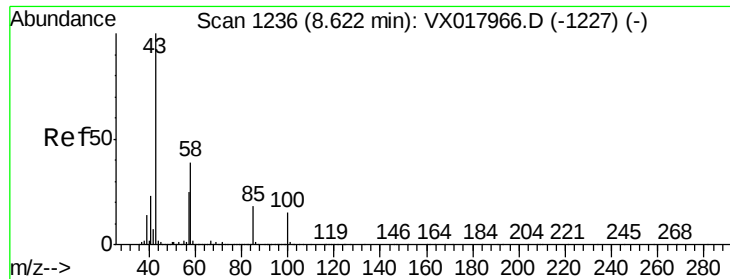
Tot Ion: 88 Resp: 91708
Ion Ratio Lower Upper
88 100
43 33.5 27.3 40.9
58 70.5 57.7 86.5



#50
Toluene-d8
Concen: 48.991 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 98 Resp: 855646
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 261.874 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

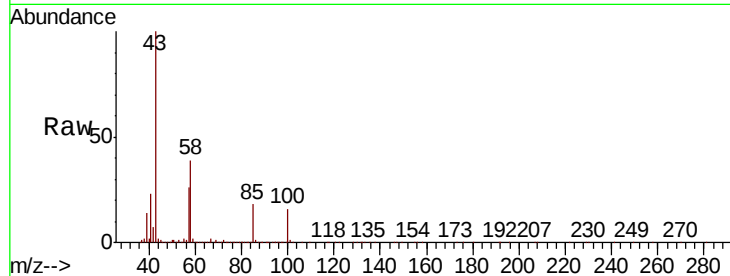
MW-BR1-081320MSD

Tot Ion: 43 Resp: 1891265

Ion Ratio Lower Upper

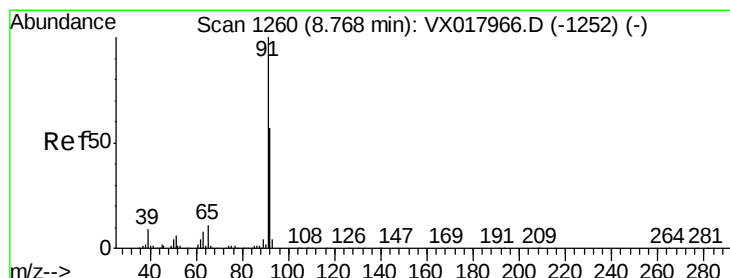
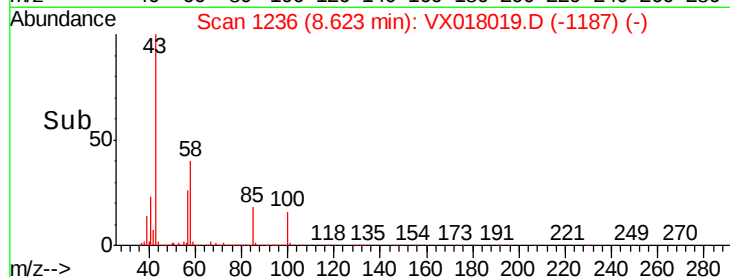
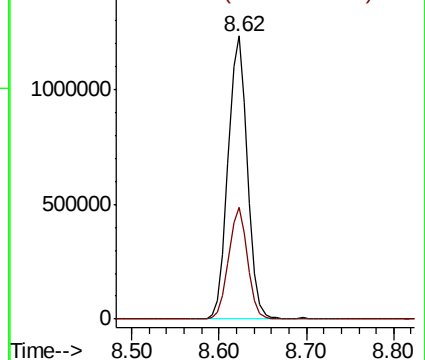
43 100

58 38.6 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.754 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018019.D

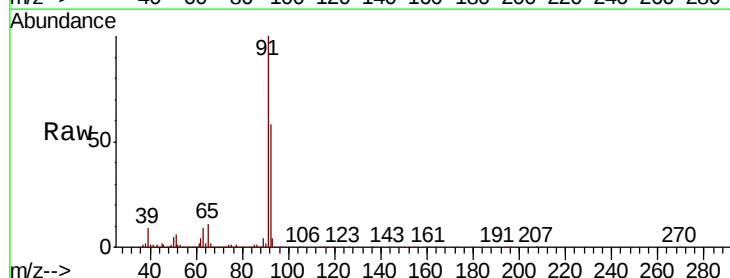
Acq: 20 Aug 2020 05:46

Tgt Ion: 92 Resp: 577314

Ion Ratio Lower Upper

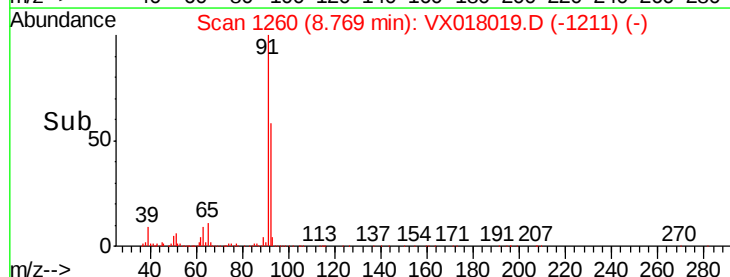
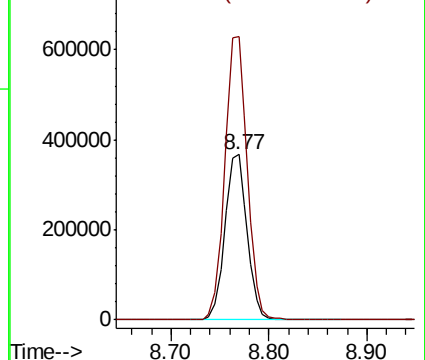
92 100

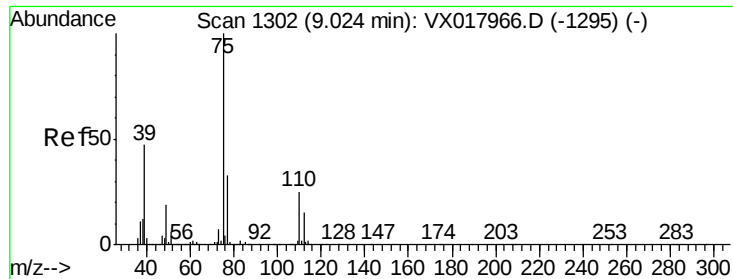
91 172.6 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.270 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

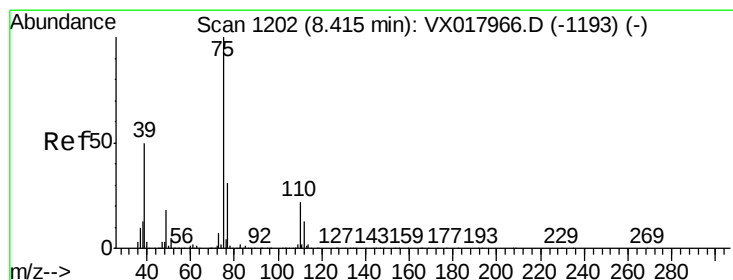
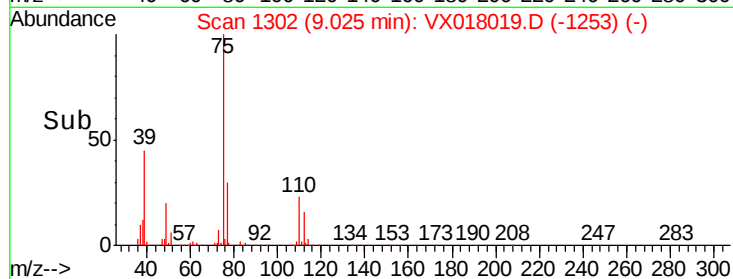
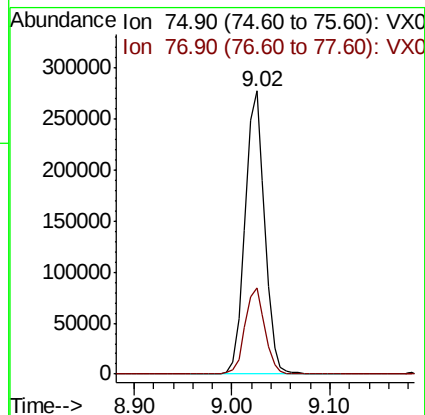
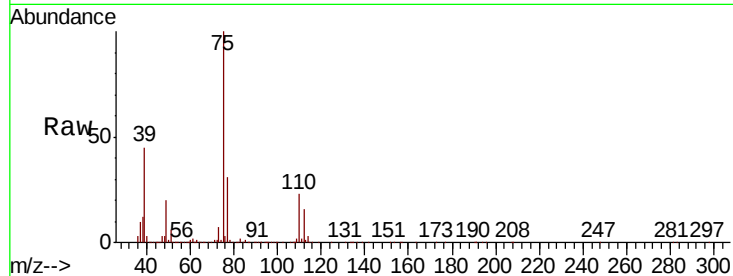
MW-BR1-081320MSD

Tot Ion: 75 Resp: 386066

Ion Ratio Lower Upper

75 100

77 30.5 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 48.761 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

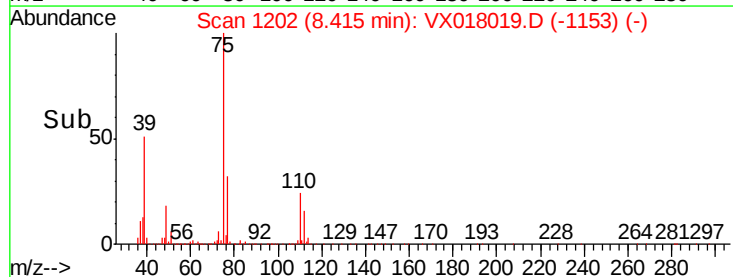
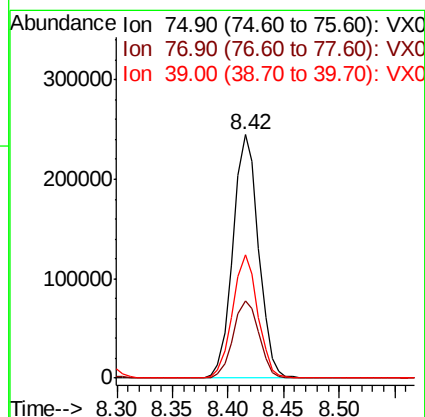
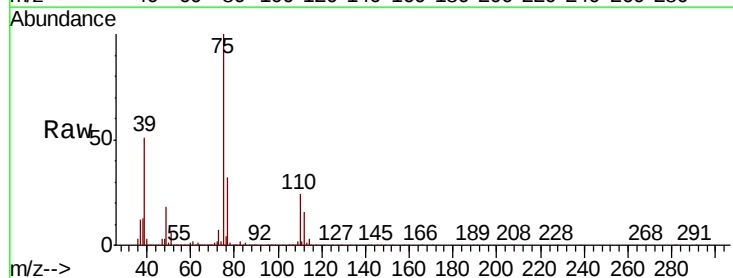
Tgt Ion: 75 Resp: 390457

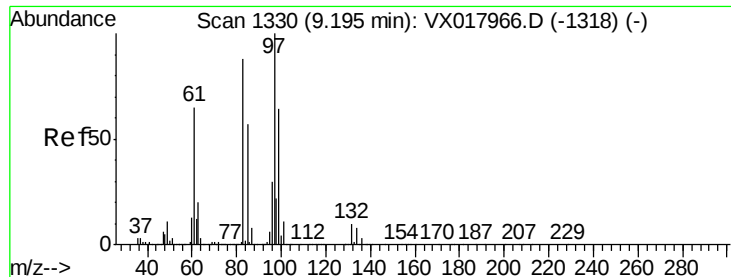
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 50.7 39.7 59.5

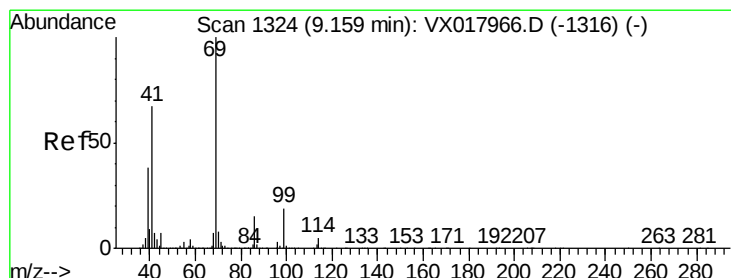
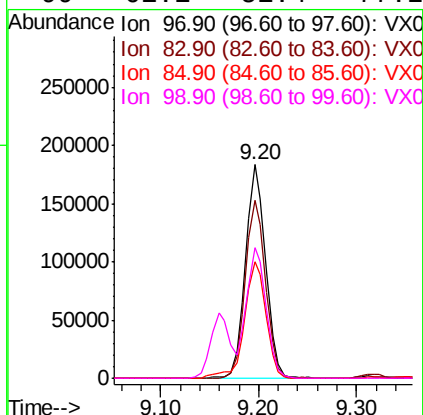
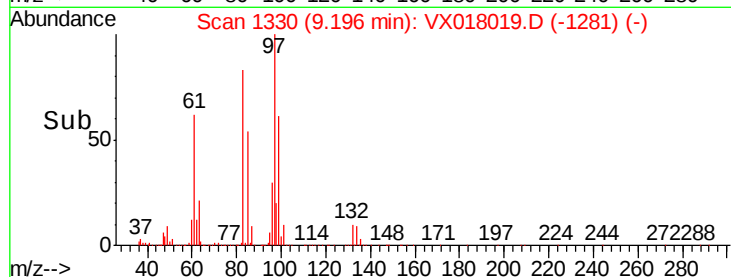
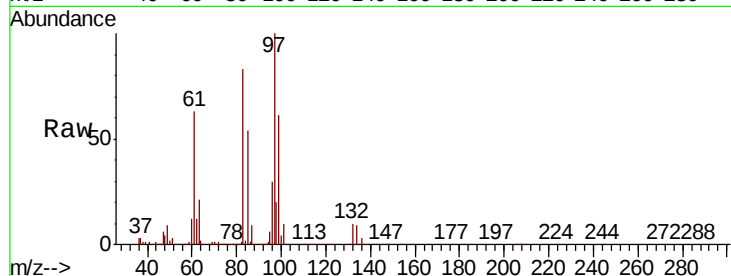




#55
 1,1,2-Trichloroethane
 Concen: 52.341 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

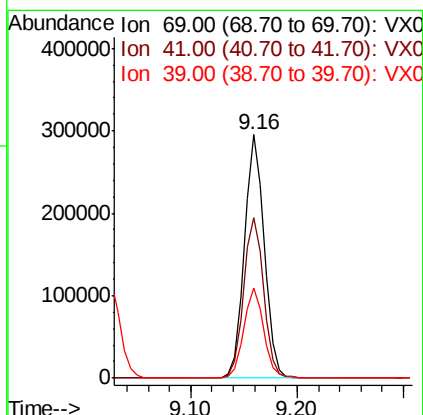
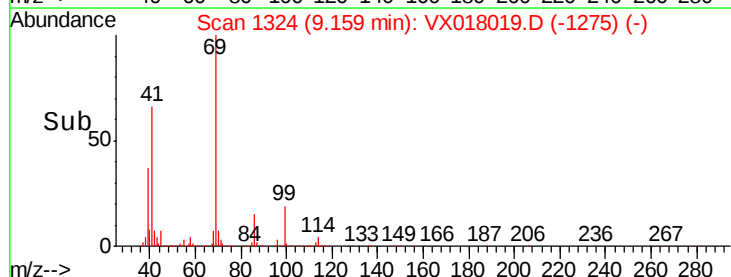
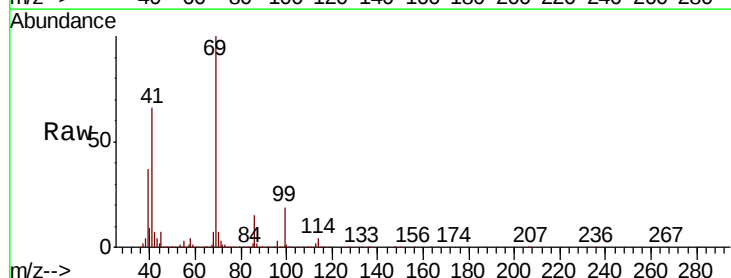
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

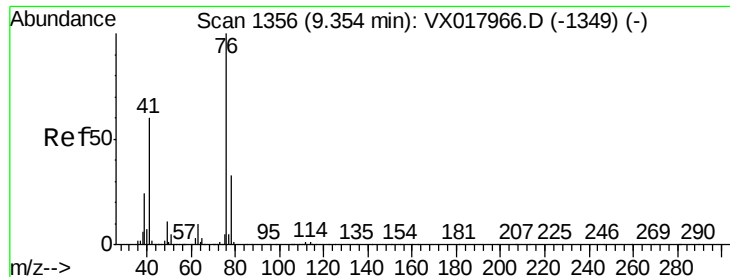
Tot Ion:	97	Resp:	263142
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.1	105.1
85	54.5	45.8	68.8
99	61.1	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 54.491 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion:	69	Resp:	387331
Ion	Ratio	Lower	Upper
69	100		
41	66.5	52.3	78.5
39	37.6	29.2	43.8





#57

1,3-Dichloropropane

Concen: 53.238 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

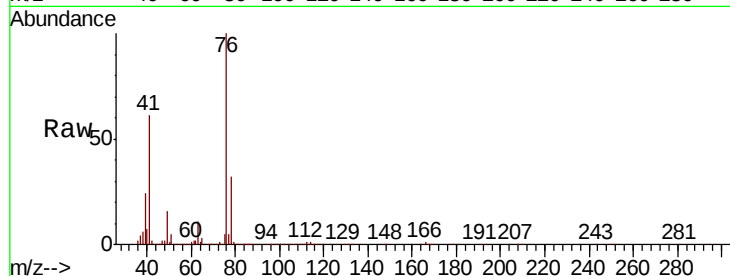
MW-BR1-081320MSD

Tot Ion: 76 Resp: 425081

Ion Ratio Lower Upper

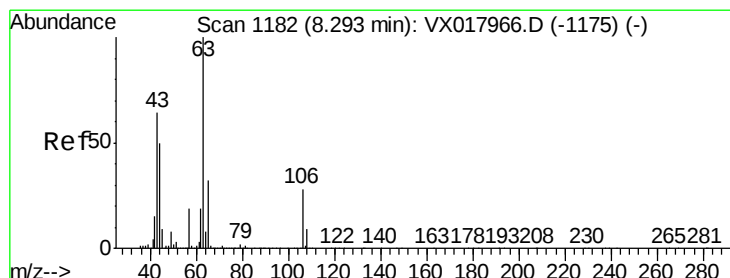
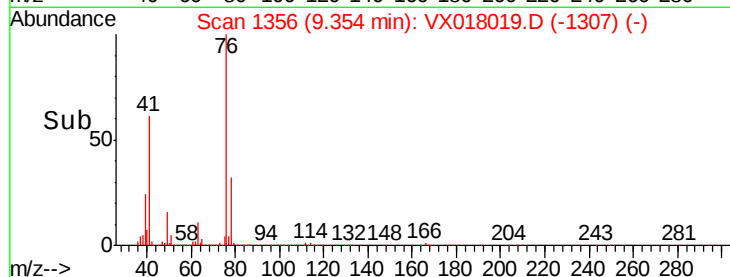
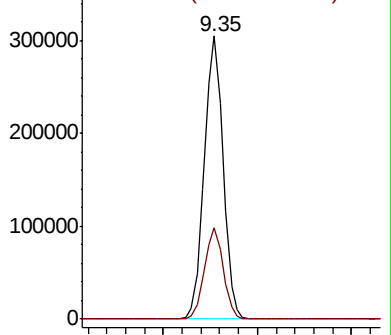
76 100

78 32.3 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 252.010 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018019.D

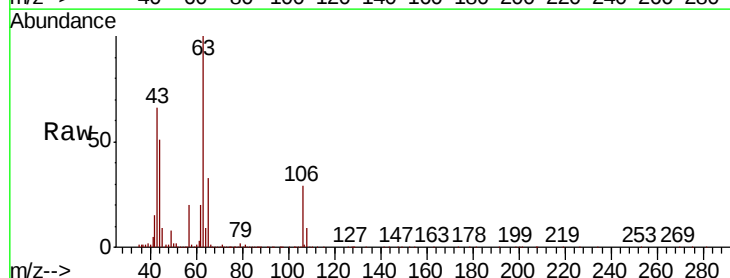
Acq: 20 Aug 2020 05:46

Tgt Ion: 63 Resp: 867461

Ion Ratio Lower Upper

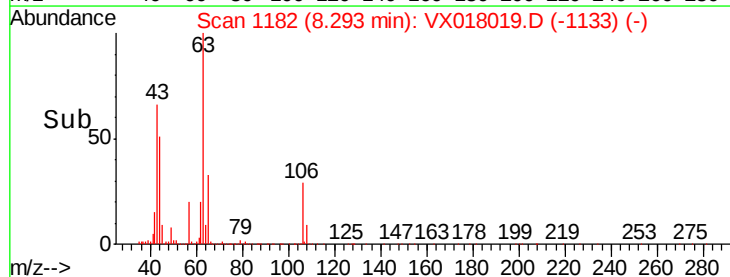
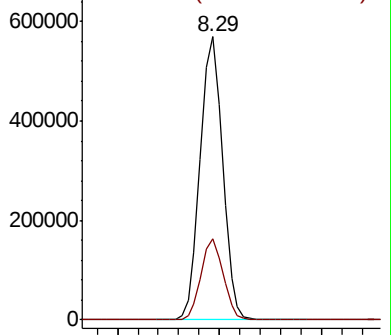
63 100

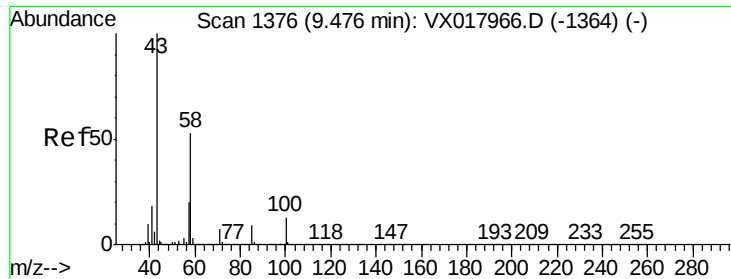
106 28.5 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

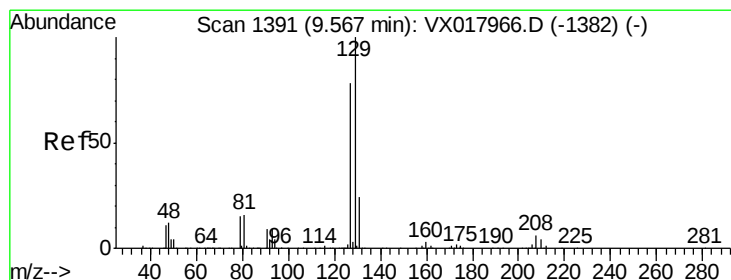
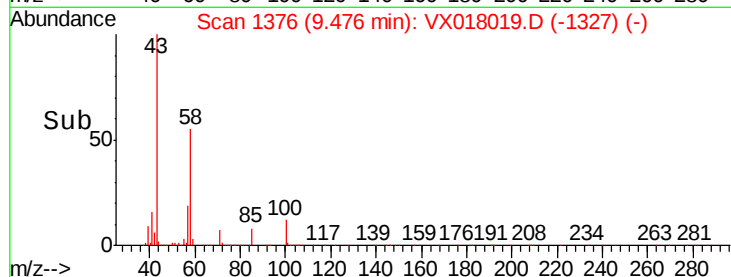
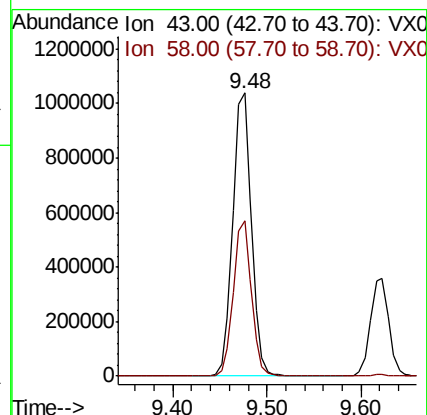
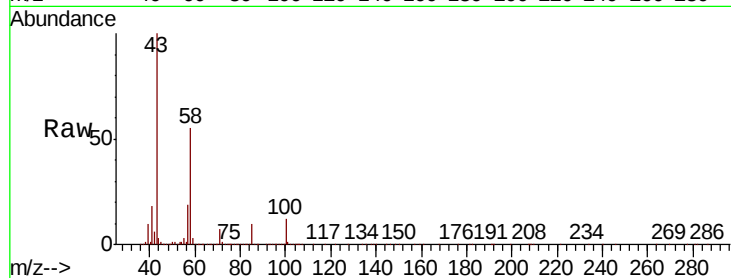




#59
2-Hexanone
Concen: 261.257 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

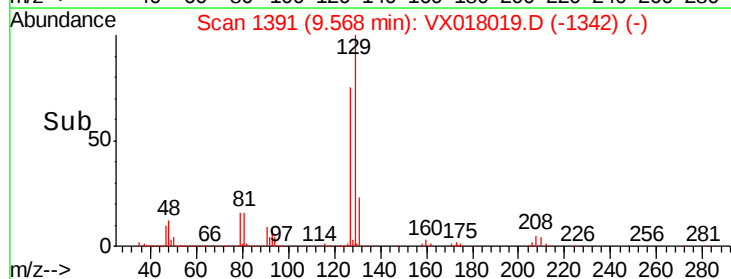
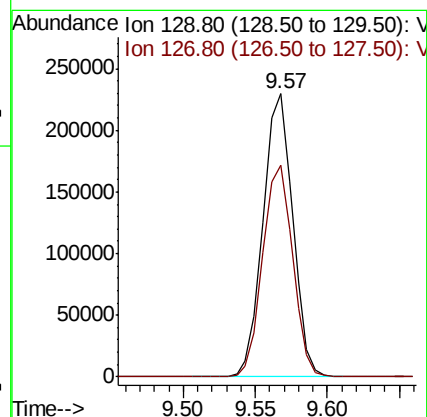
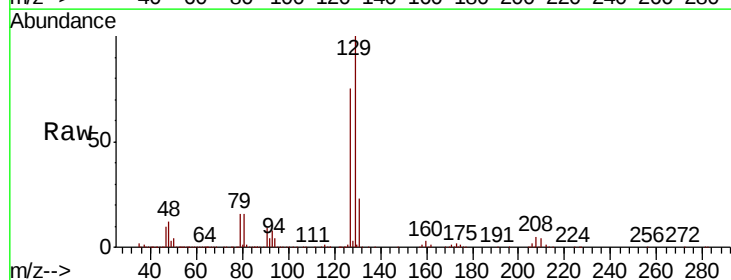
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

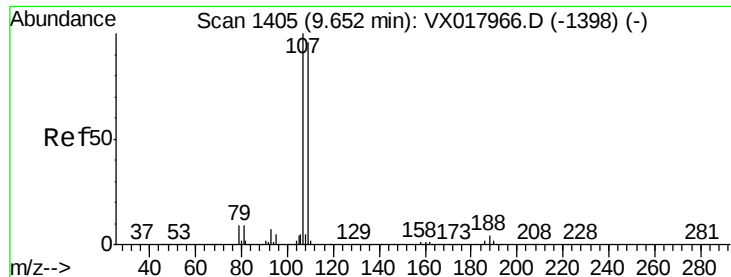
Tot Ion: 43 Resp: 1429706
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0



#60
Dibromochloromethane
Concen: 52.095 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 129 Resp: 327103
Ion Ratio Lower Upper
129 100
127 75.6 39.5 118.3





#61

1,2-Dibromoethane

Concen: 50.119 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

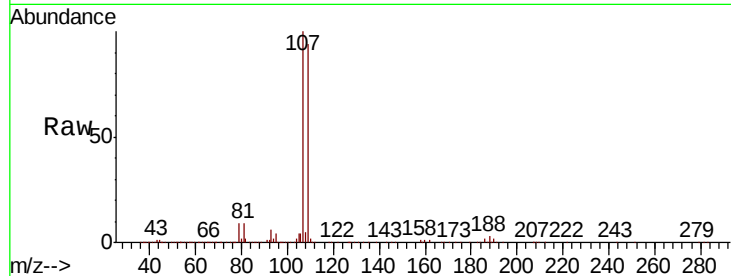
MW-BR1-081320MSD

Tot Ion: 107 Resp: 279100

Ion Ratio Lower Upper

107 100

109 95.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

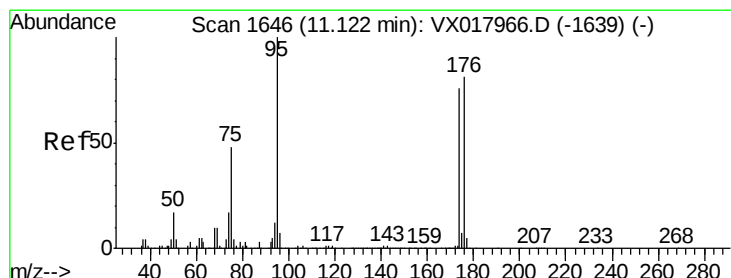
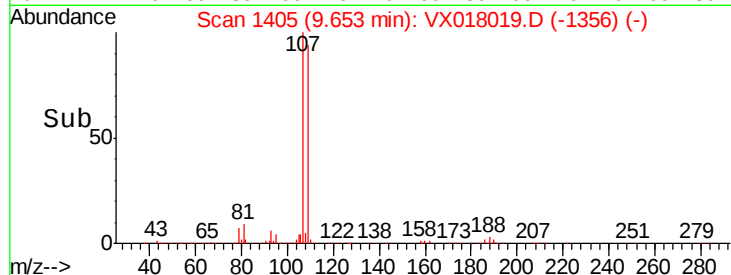
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.626 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

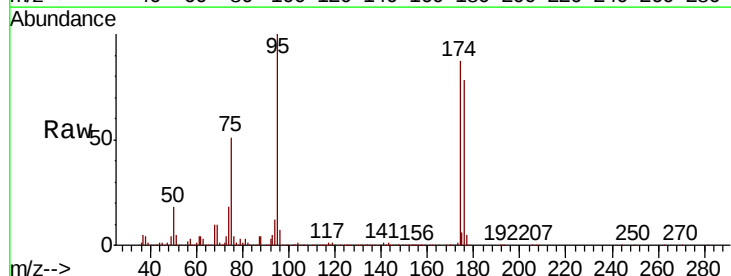
Tgt Ion: 95 Resp: 345920

Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.0

176 78.6 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

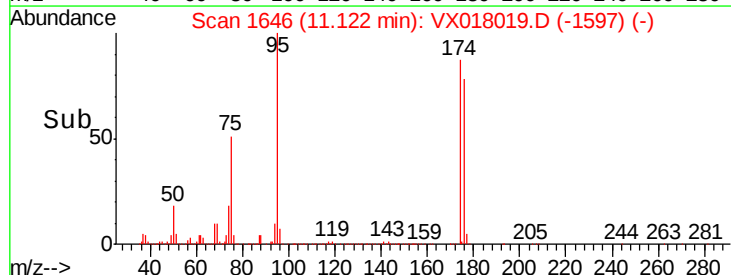
300000

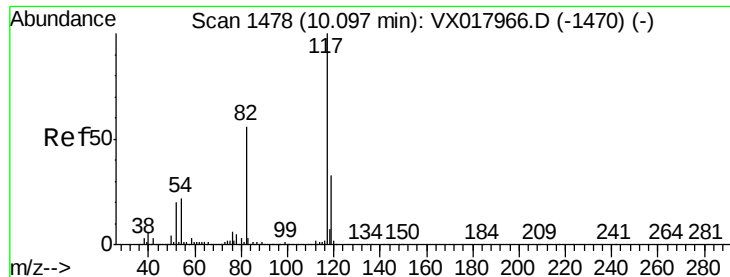
200000

100000

0

Time-->

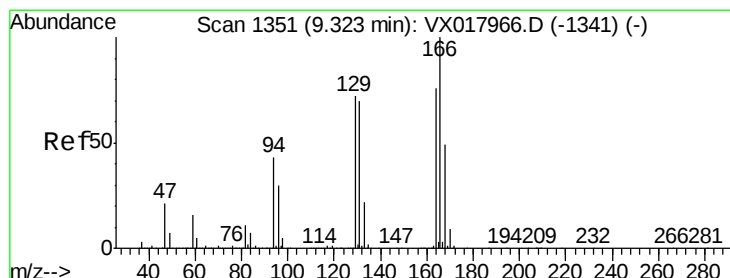
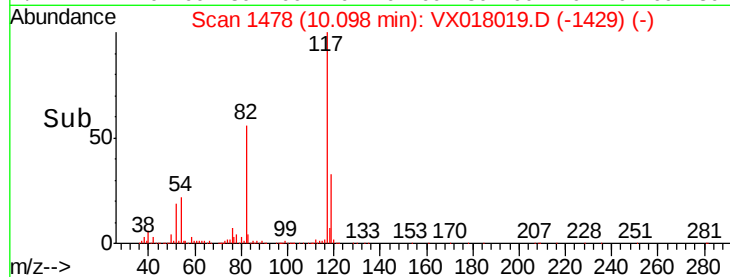
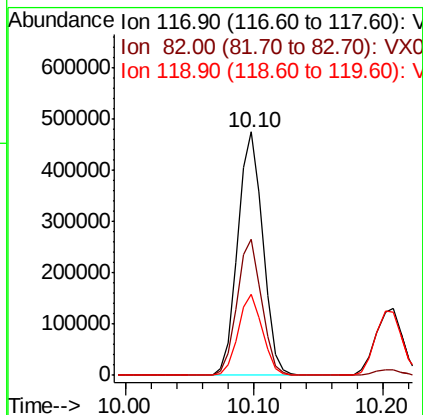
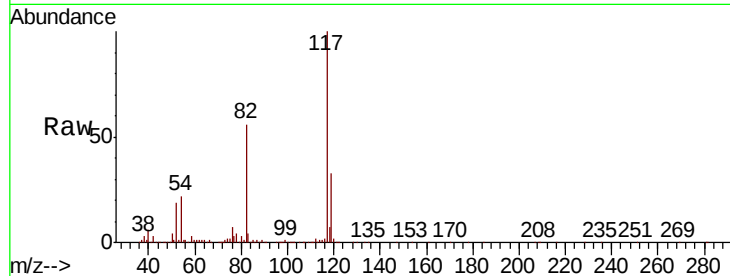




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

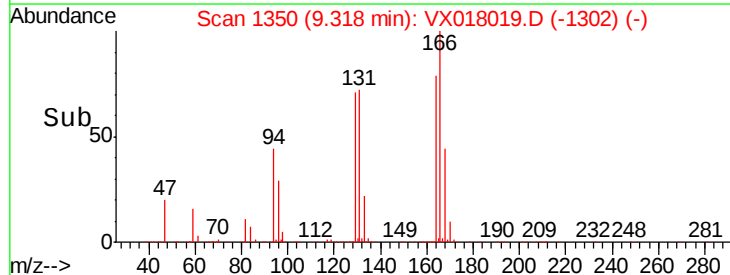
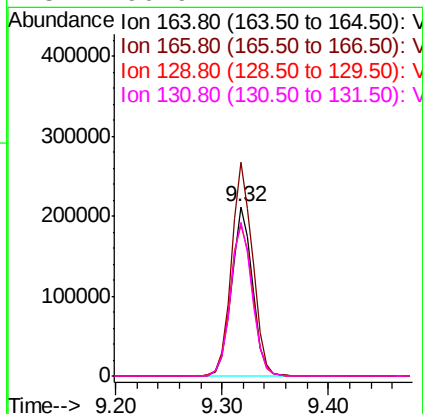
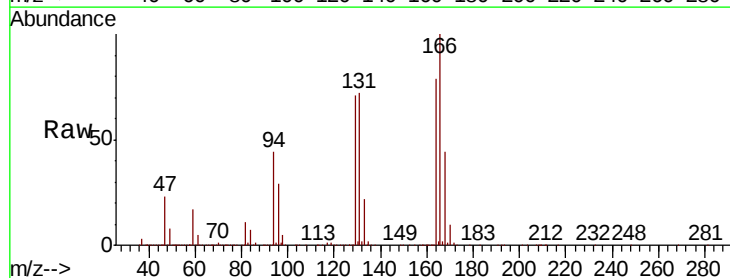
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

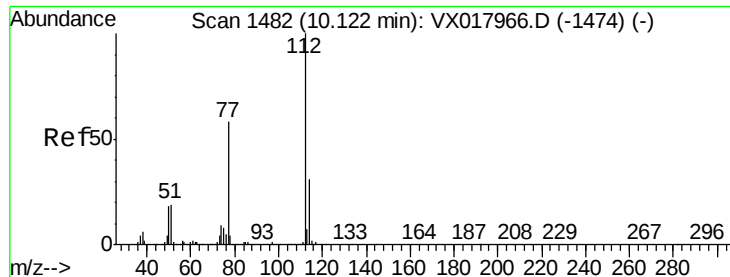
Tot Ion:117 Resp: 641895
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 33.2 26.2 39.4



#64
Tetrachloroethene
Concen: 59.369 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion:164 Resp: 291028
Ion Ratio Lower Upper
164 100
166 126.3 105.7 158.5
129 89.2 75.8 113.8
131 90.9 74.2 111.4





#65

Chlorobenzene

Concen: 52.823 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

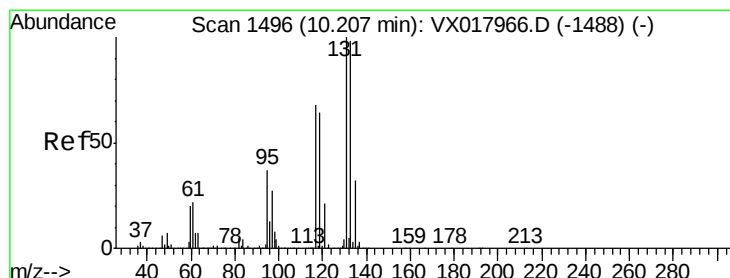
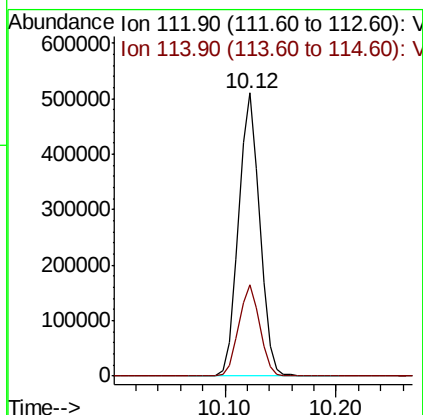
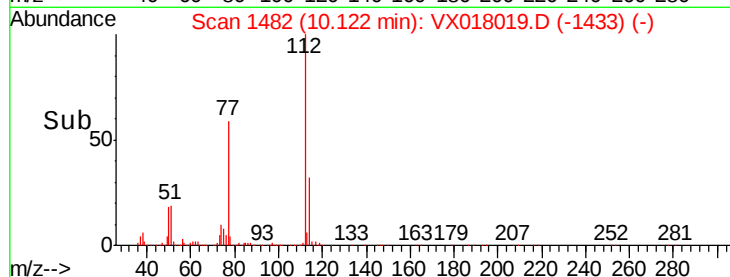
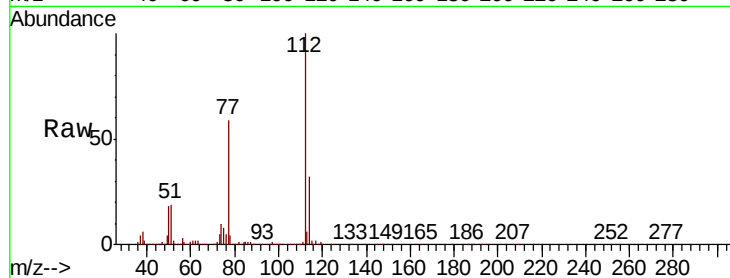
MW-BR1-081320MSD

Tot Ion:112 Resp: 673044

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.178 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

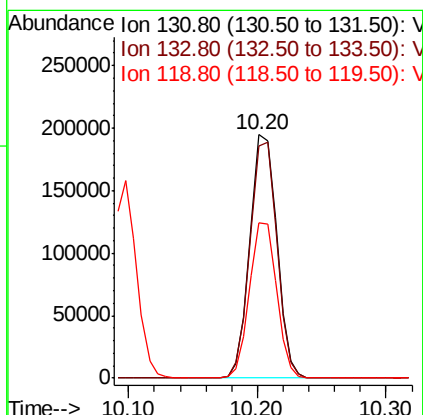
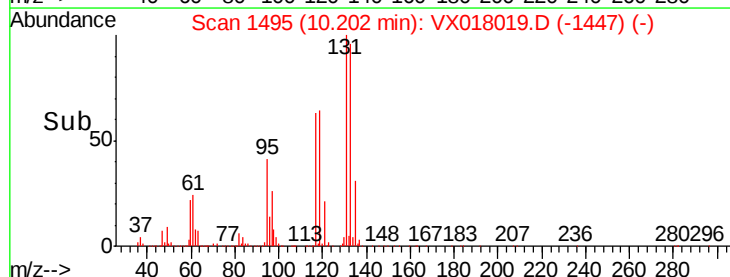
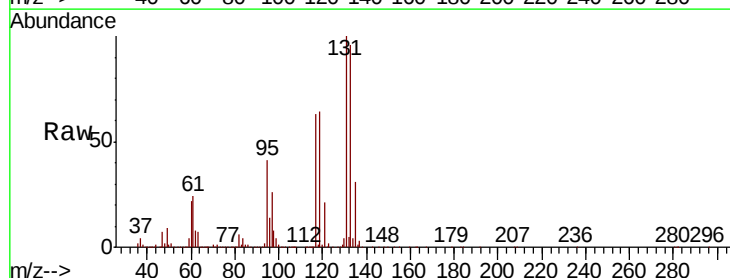
Tgt Ion:131 Resp: 281227

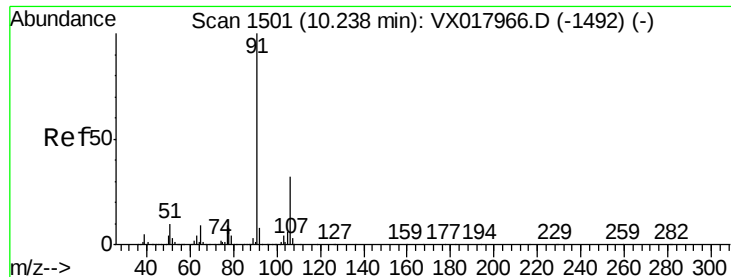
Ion Ratio Lower Upper

131 100

133 97.2 48.4 145.3

119 64.2 31.6 94.8

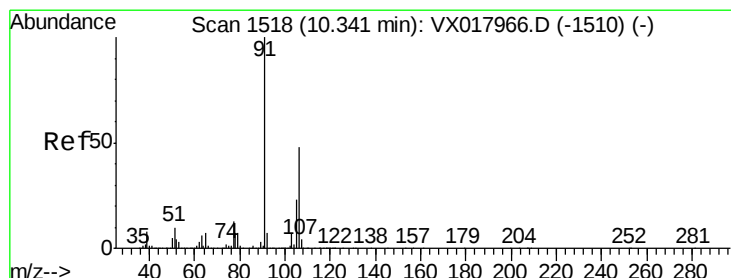
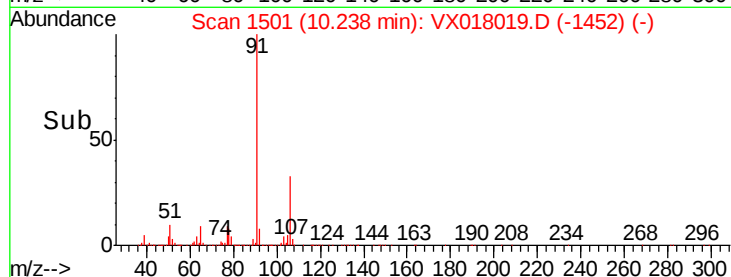
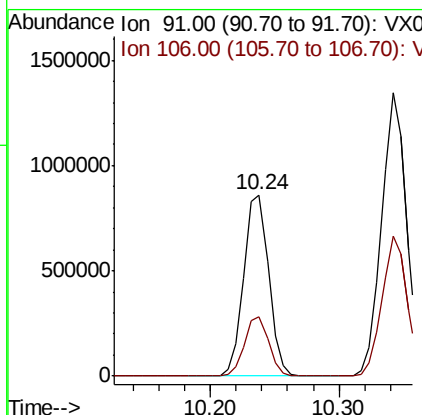
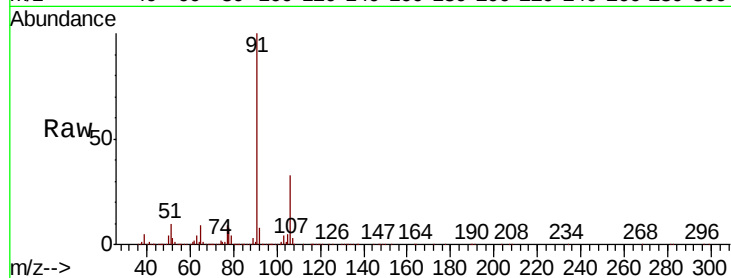




#67
Ethyl Benzene
Concen: 54.783 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

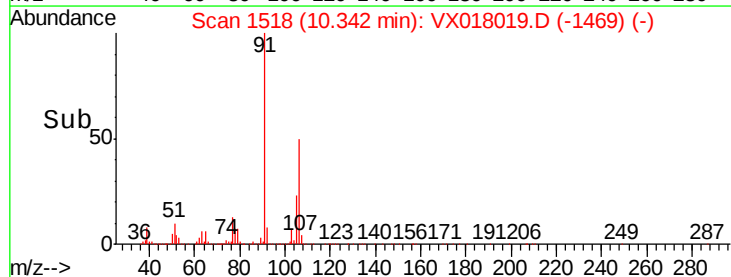
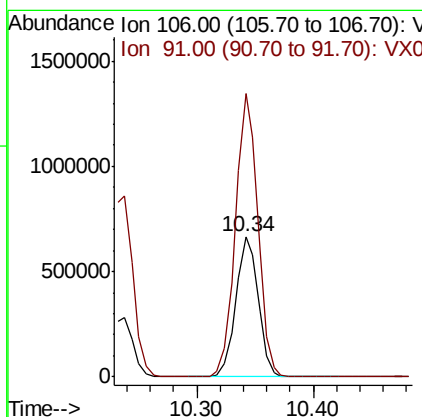
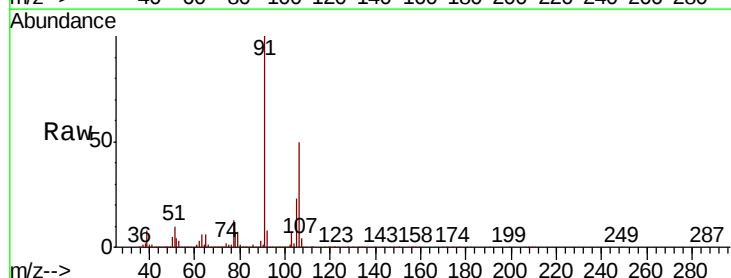
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

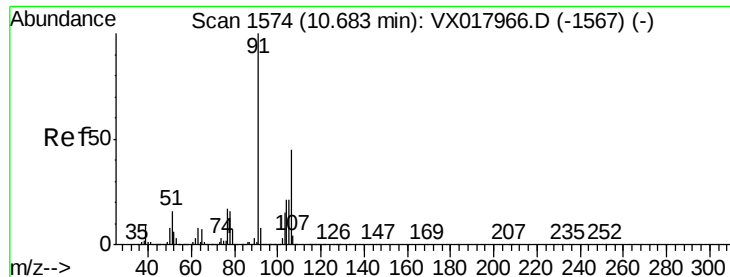
Tot Ion: 91 Resp: 1150716
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 110.304 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 106 Resp: 891975
Ion Ratio Lower Upper
106 100
91 201.7 167.4 251.2

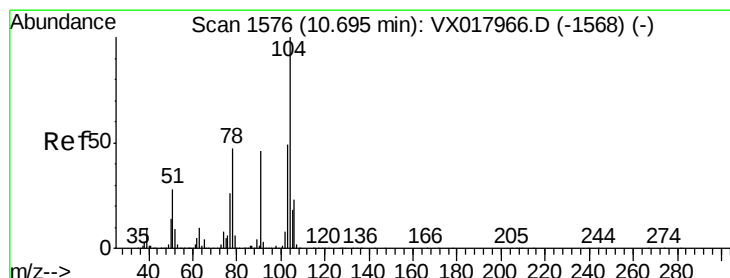
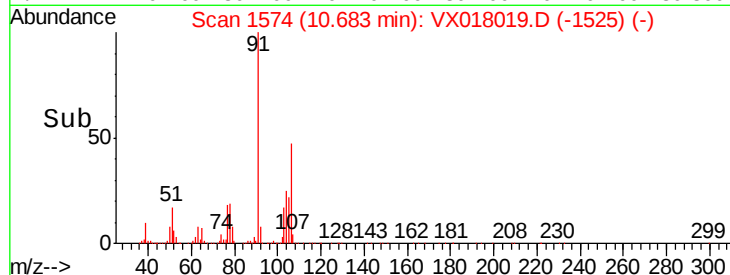
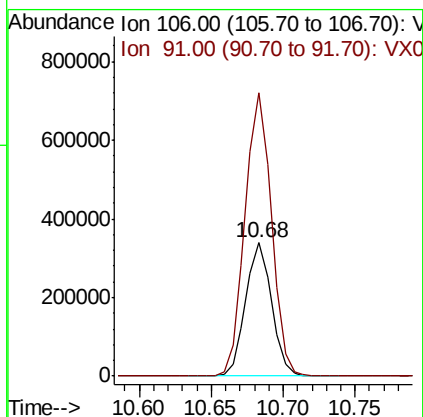
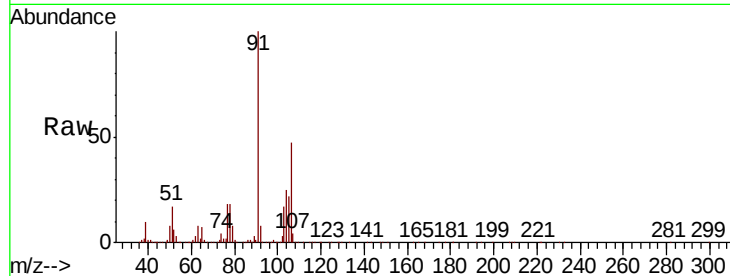




#69
o-Xylene
Concen: 54.264 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

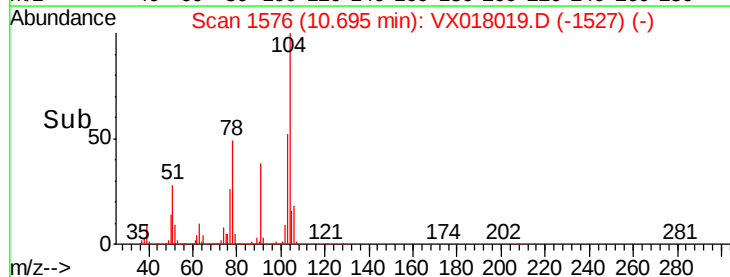
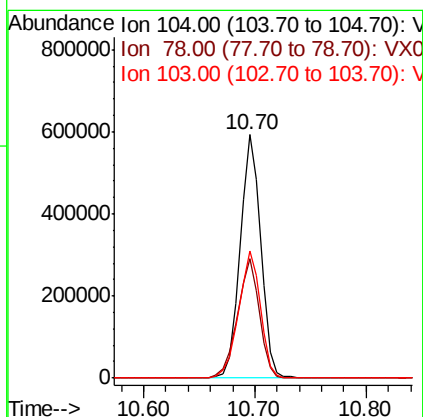
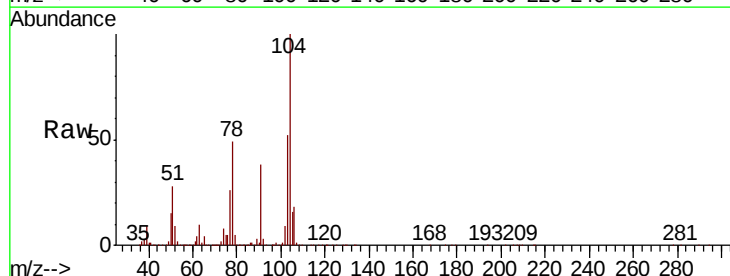
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

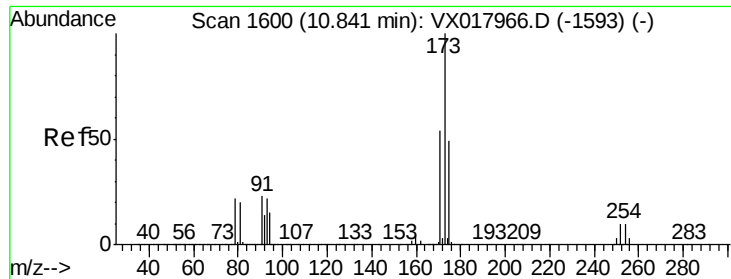
Tot Ion:106 Resp: 423146
Ion Ratio Lower Upper
106 100
91 216.8 108.1 324.2



#70
Styrene
Concen: 56.424 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion:104 Resp: 759082
Ion Ratio Lower Upper
104 100
78 52.4 41.3 61.9
103 55.3 42.9 64.3





#71

Bromoform

Concen: 52.507 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

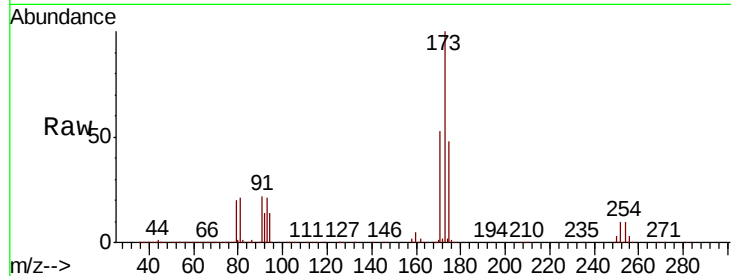
Tot Ion:173 Resp: 254007

Ion Ratio Lower Upper

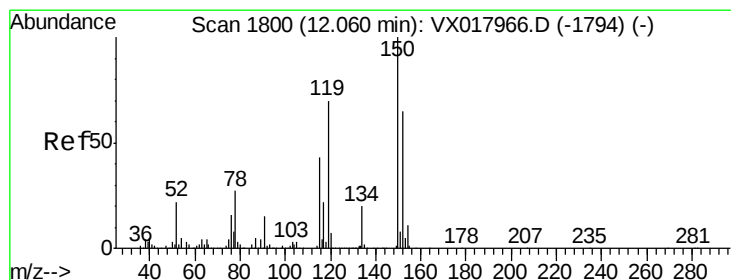
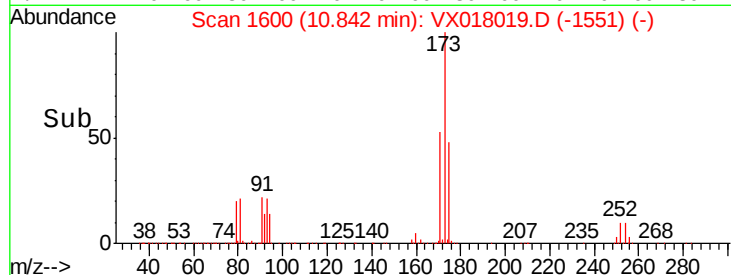
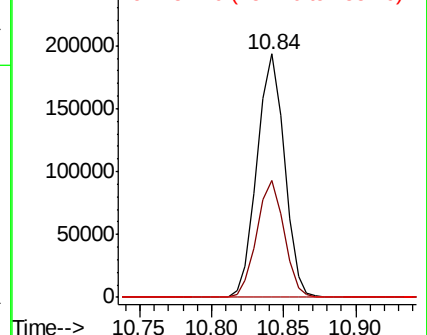
173 100

175 48.1 24.4 73.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

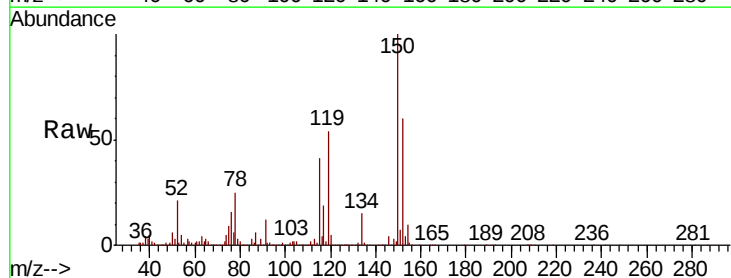
Tgt Ion:152 Resp: 347307

Ion Ratio Lower Upper

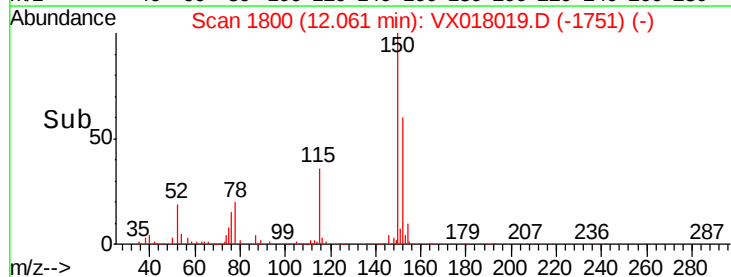
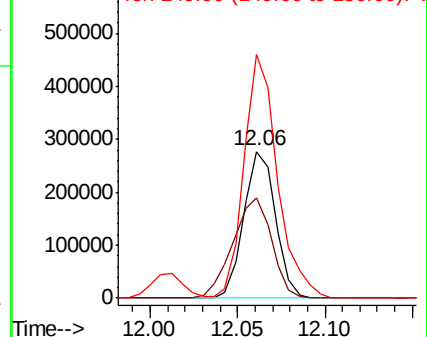
152 100

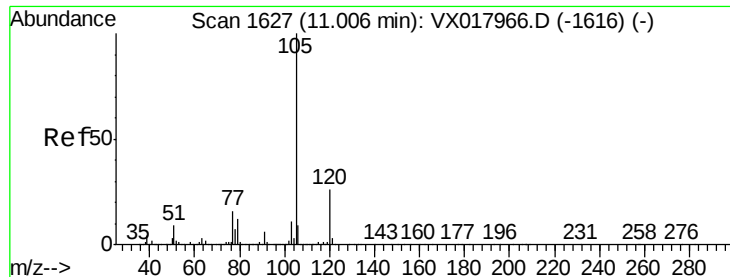
115 83.9 40.6 121.7

150 175.8 0.0 346.4



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





#73

Isopropylbenzene

Concen: 52.963 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

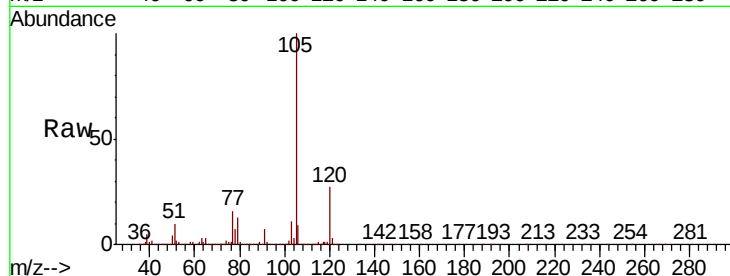
MW-BR1-081320MSD

Tot Ion:105 Resp: 1183963

Ion Ratio Lower Upper

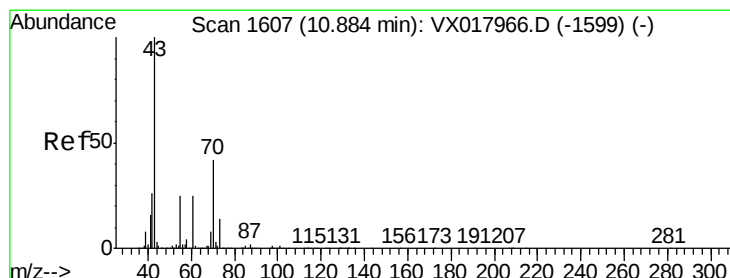
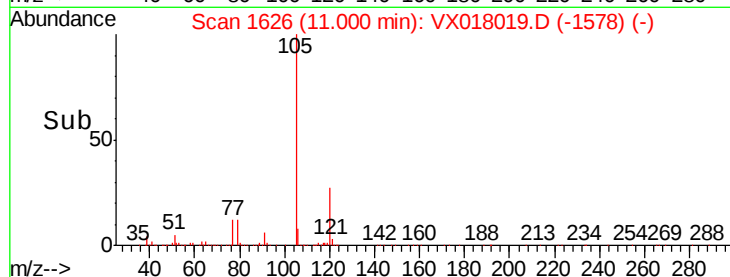
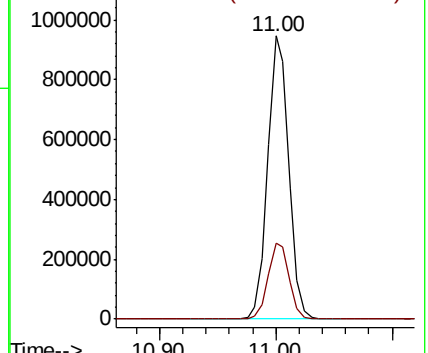
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.200 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Tgt Ion: 43 Resp: 479261

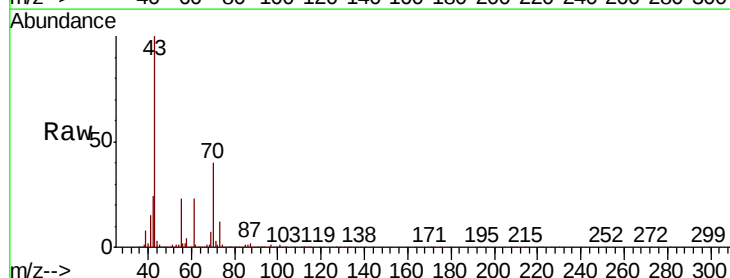
Ion Ratio Lower Upper

43 100

70 41.2 32.9 49.3

55 24.1 19.3 28.9

61 23.5 19.6 29.4

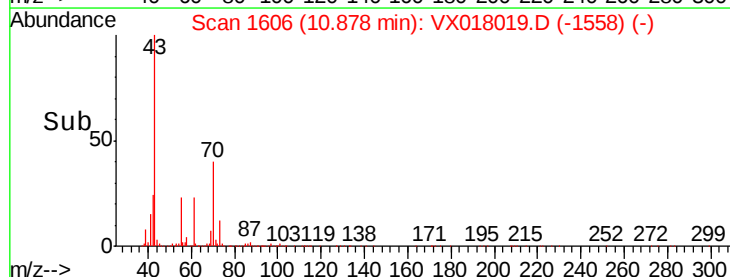
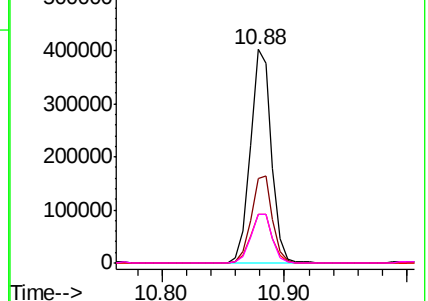


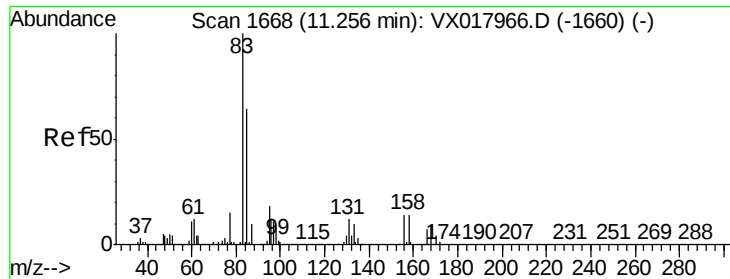
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.902 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

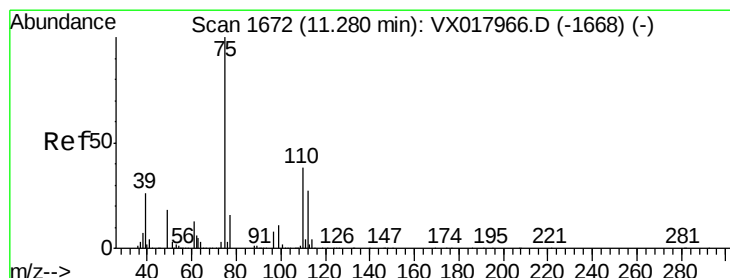
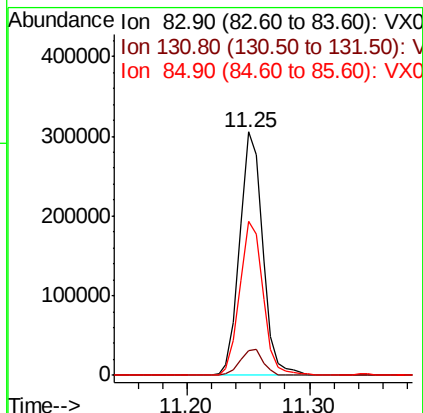
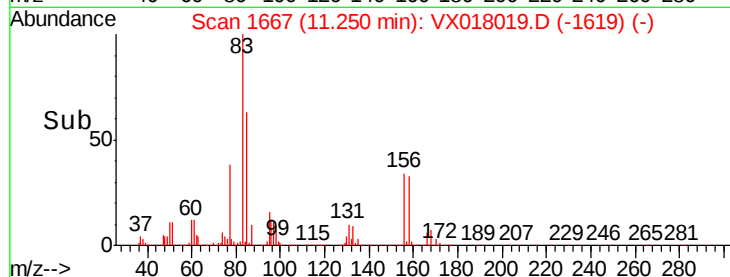
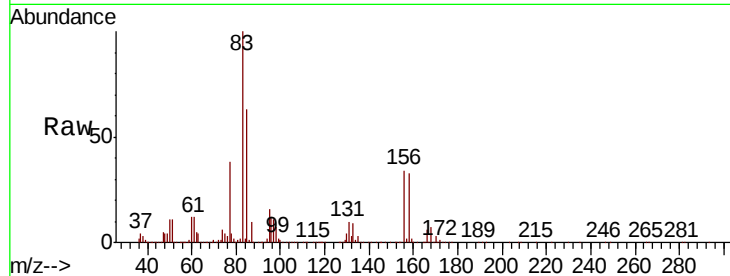
Tot Ion: 83 Resp: 396946

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 65.065 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018019.D

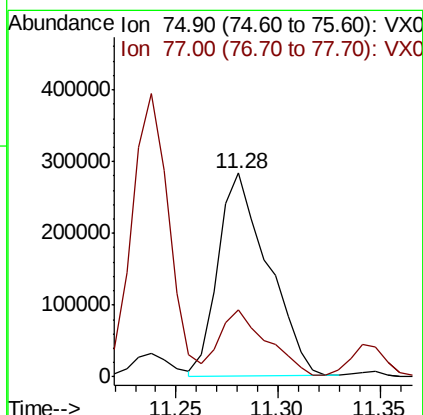
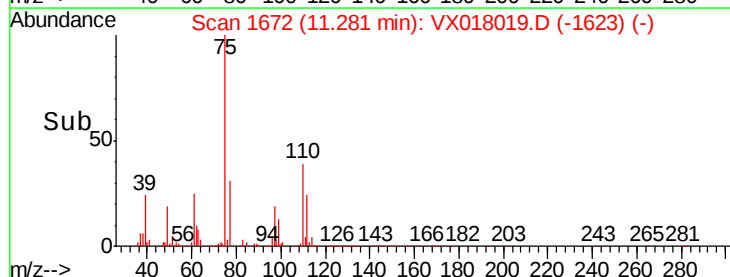
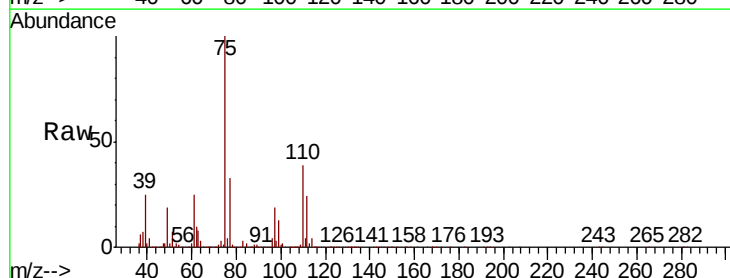
Acq: 20 Aug 2020 05:46

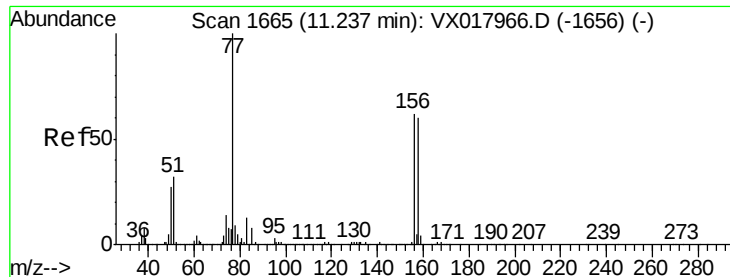
Tgt Ion: 75 Resp: 480565

Ion Ratio Lower Upper

75 100

77 31.7 21.1 63.1





#77

Bromobenzene

Concen: 52.347 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

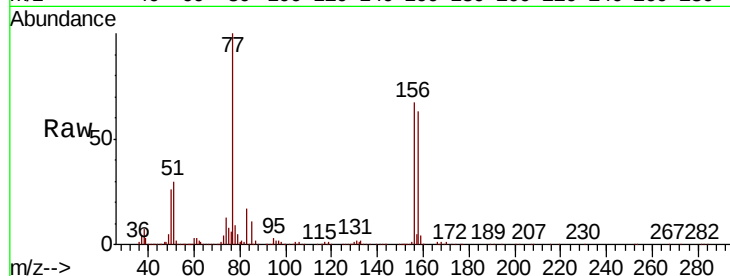
Tot Ion:156 Resp: 324661

Ion Ratio Lower Upper

156 100

77 152.9 78.0 234.0

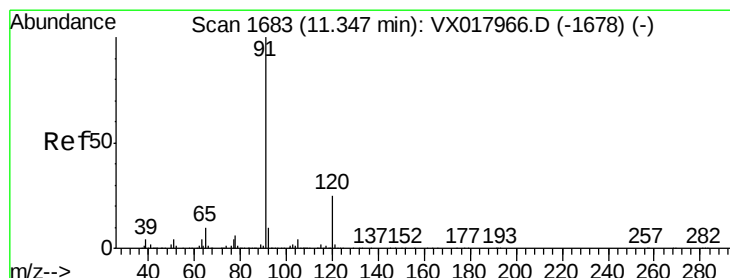
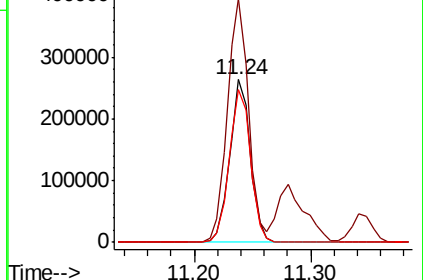
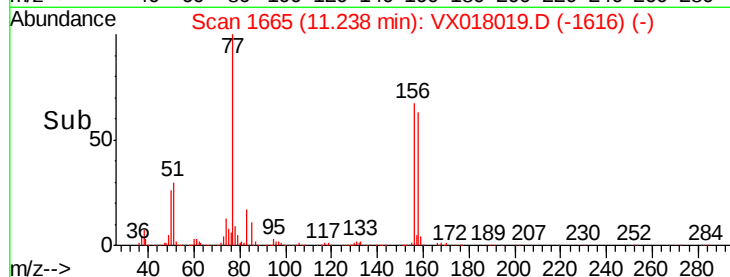
158 96.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.285 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018019.D

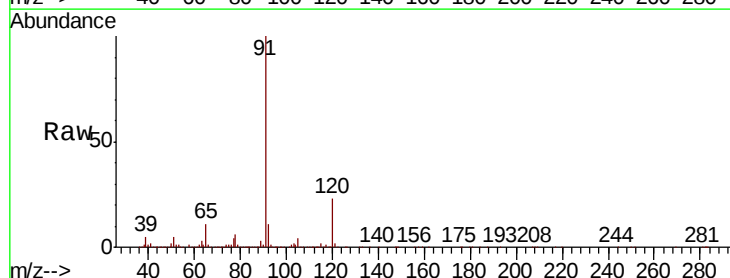
Acq: 20 Aug 2020 05:46

Tgt Ion: 91 Resp: 1340903

Ion Ratio Lower Upper

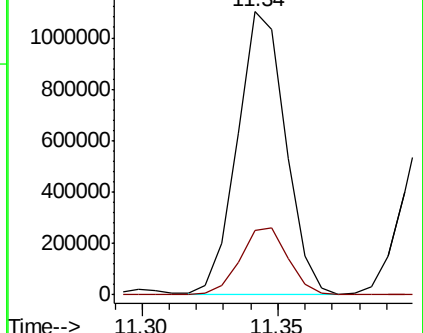
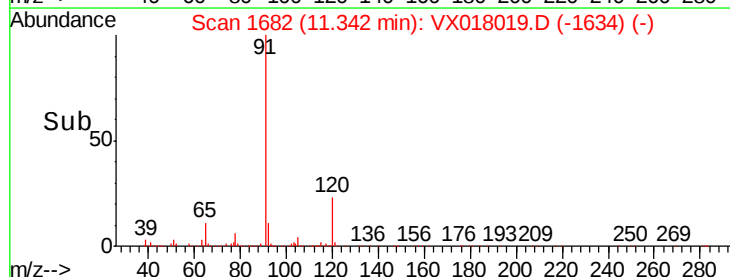
91 100

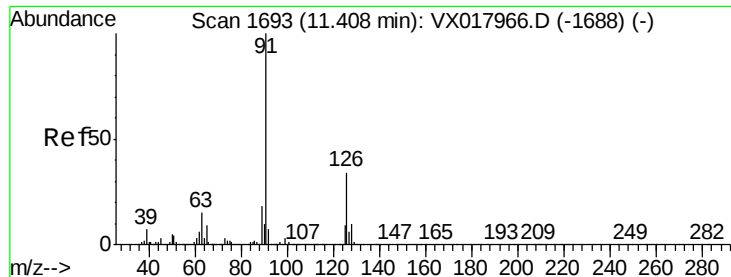
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

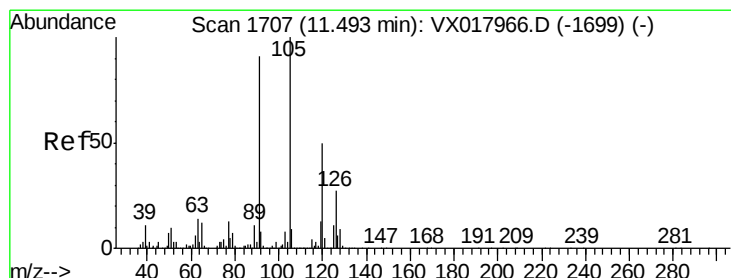
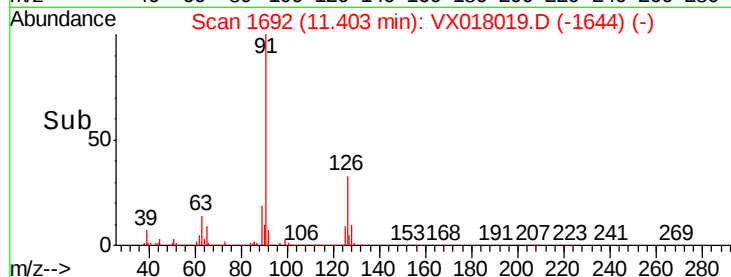
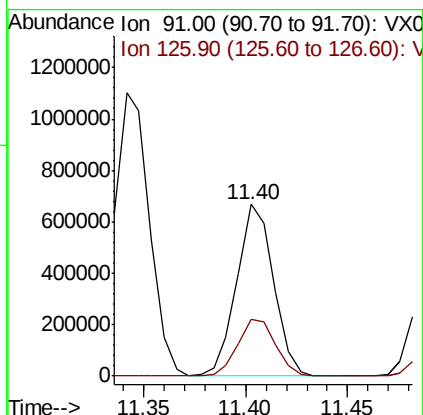
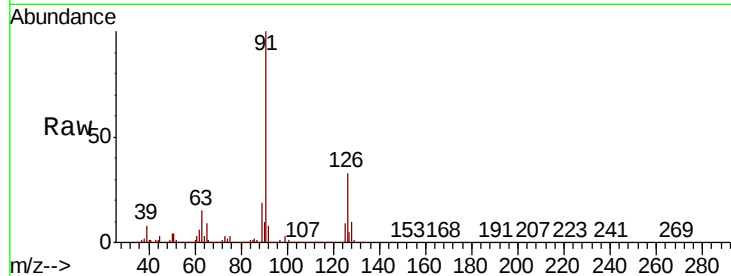




#79
2-Chlorotoluene
Concen: 52.216 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

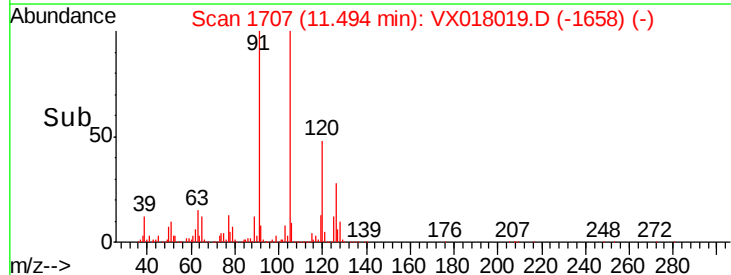
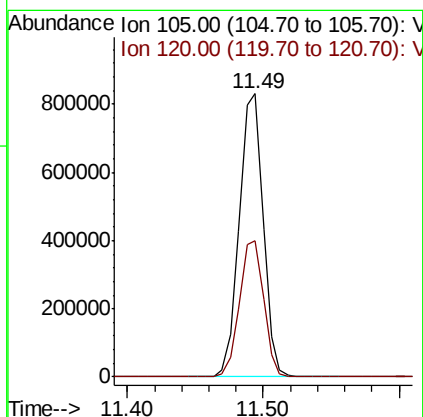
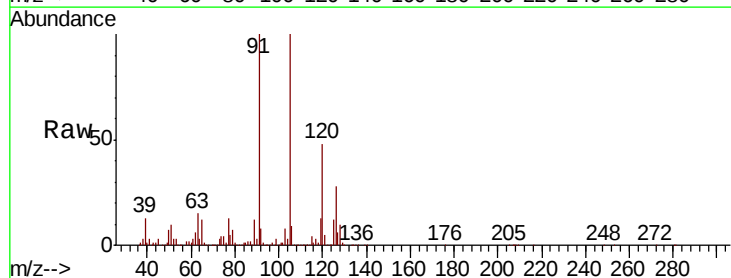
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

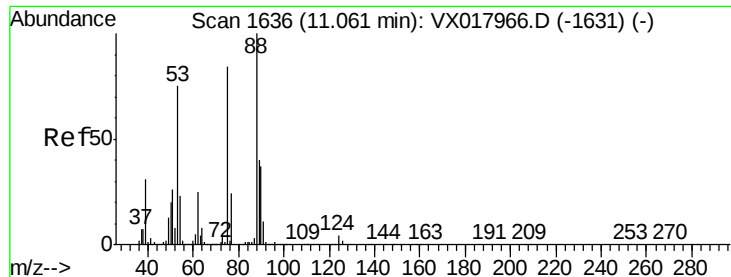
Tot Ion: 91 Resp: 832019
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 51.749 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion:105 Resp: 1015438
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.757 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

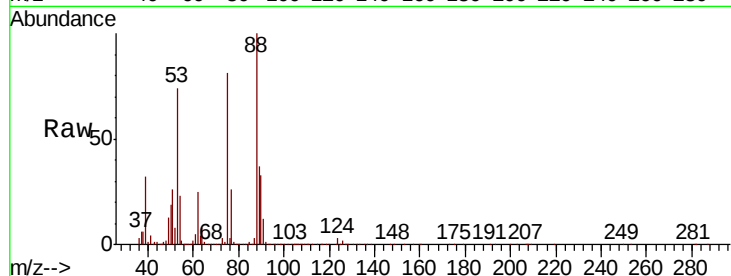
Tot Ion: 75 Resp: 125832

Ion Ratio Lower Upper

75 100

53 95.7 75.2 112.8

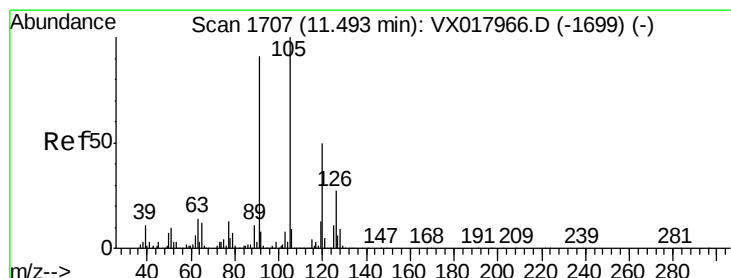
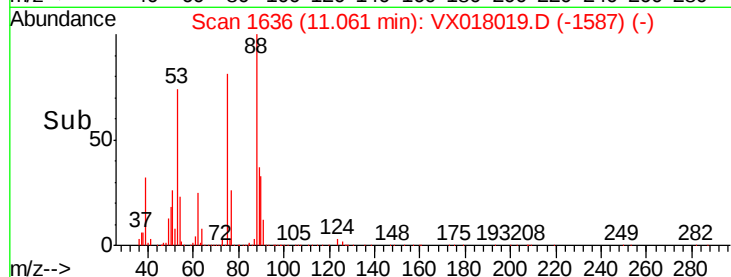
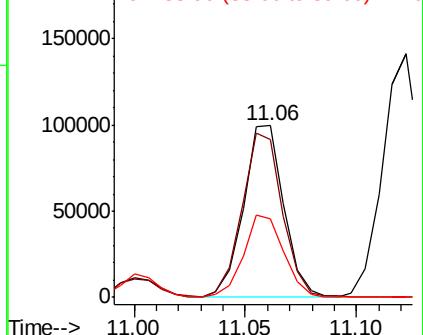
89 47.8 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 52.874 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018019.D

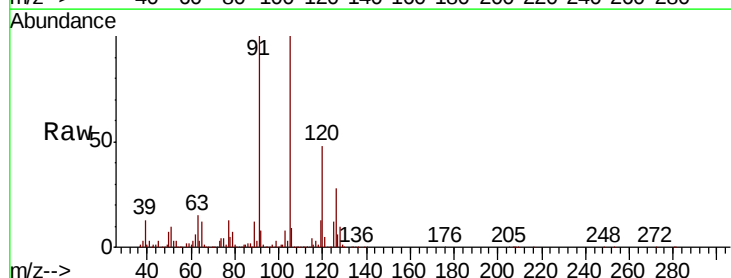
Acq: 20 Aug 2020 05:46

Tgt Ion: 91 Resp: 990752

Ion Ratio Lower Upper

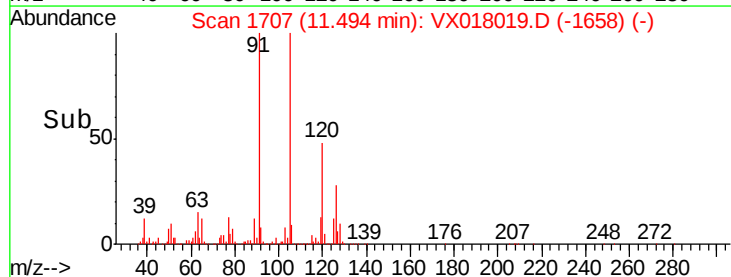
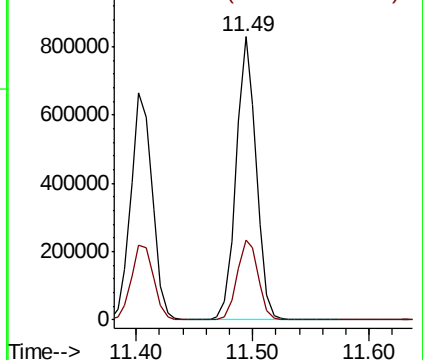
91 100

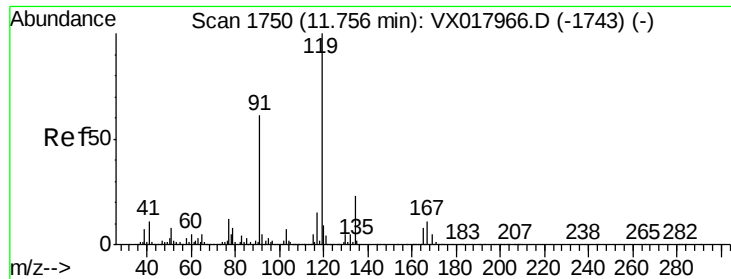
126 29.8 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

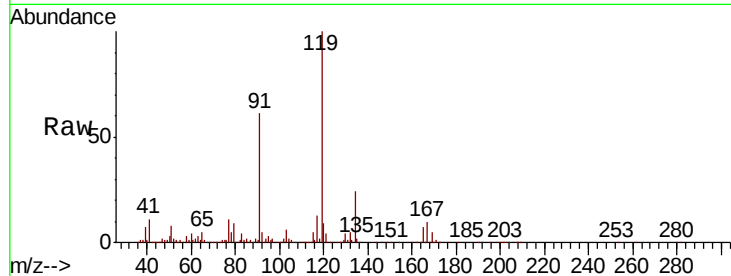




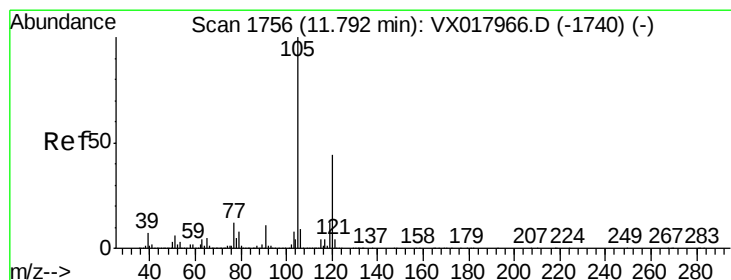
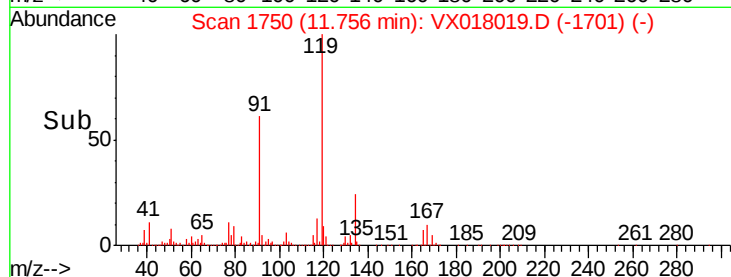
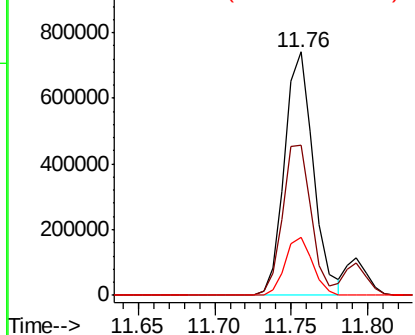
#83
tert-Butylbenzene
Concen: 52.090 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

Tot Ion:119 Resp: 965280
Ion Ratio Lower Upper
119 100
91 61.3 30.1 90.5
134 23.1 11.1 33.1

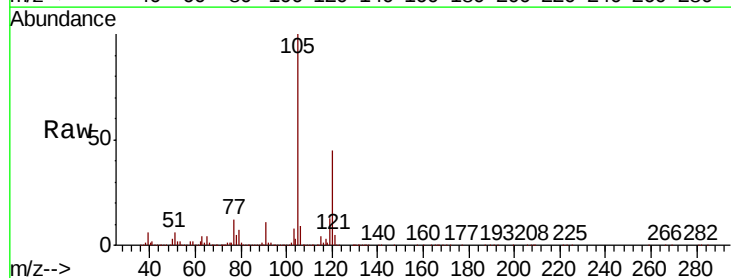


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

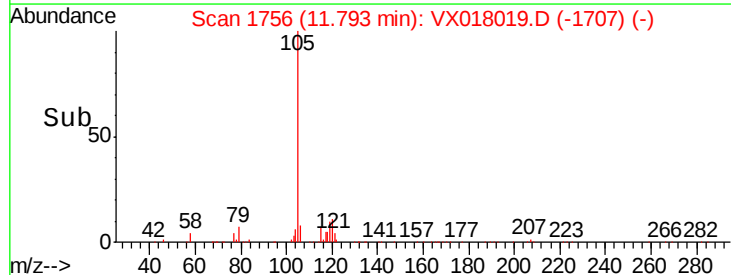
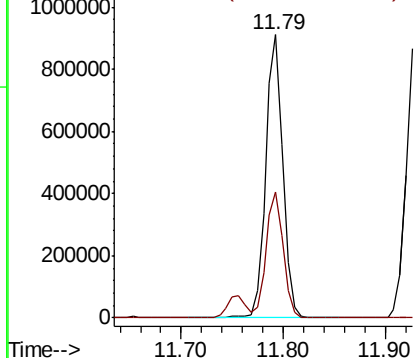


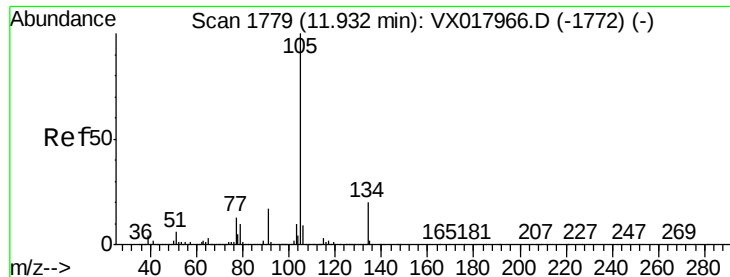
#84
1,2,4-Trimethylbenzene
Concen: 52.286 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion:105 Resp: 1062154
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 51.504 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

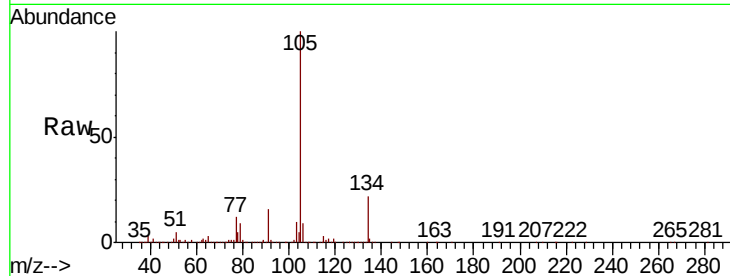
MW-BR1-081320MSD

Tot Ion:105 Resp: 1152128

Ion Ratio Lower Upper

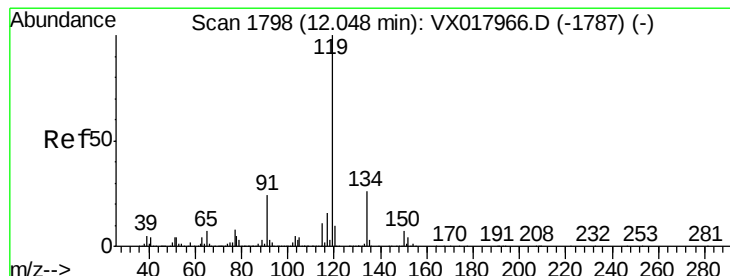
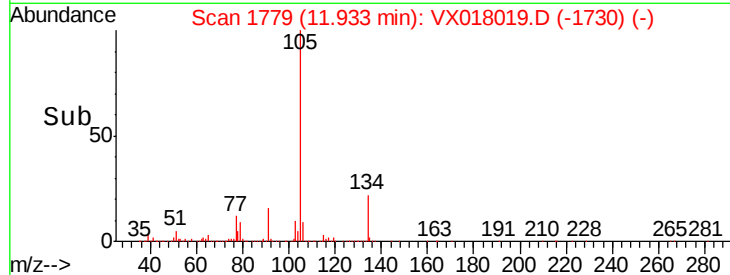
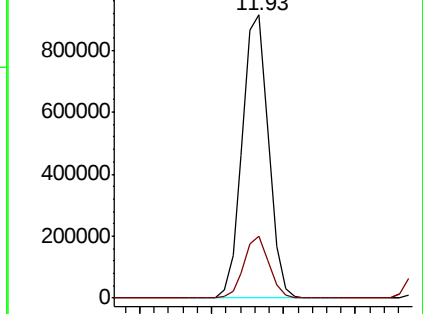
105 100

134 20.9 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.718 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

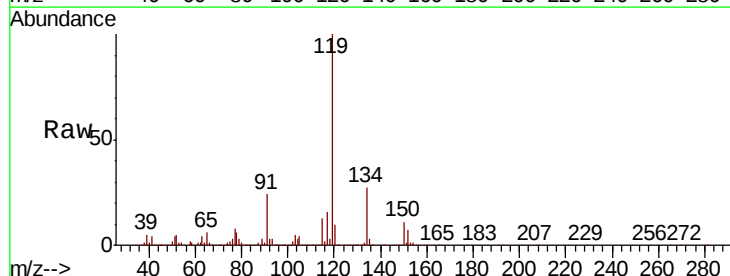
Tgt Ion:119 Resp: 1076196

Ion Ratio Lower Upper

119 100

134 26.5 12.7 38.0

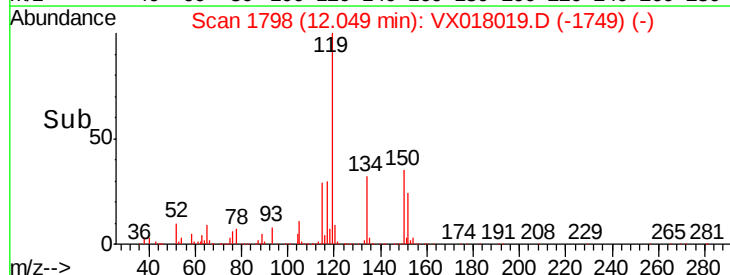
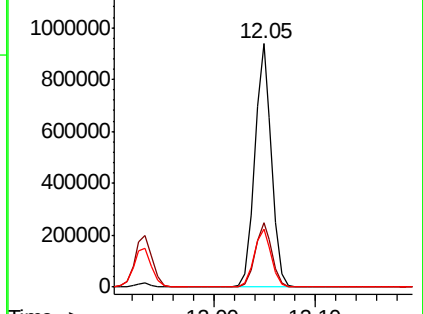
91 24.6 12.2 36.4

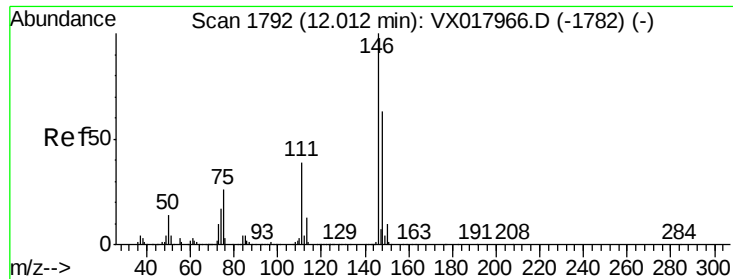


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.953 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

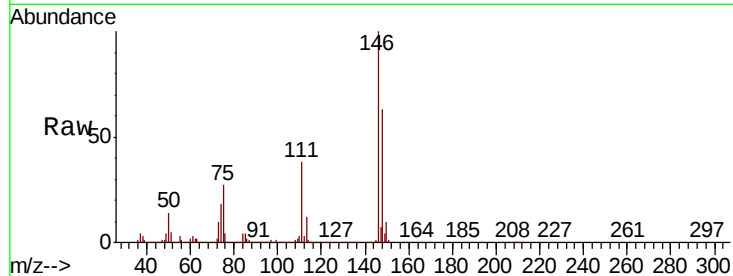
Tot Ion:146 Resp: 586465

Ion Ratio Lower Upper

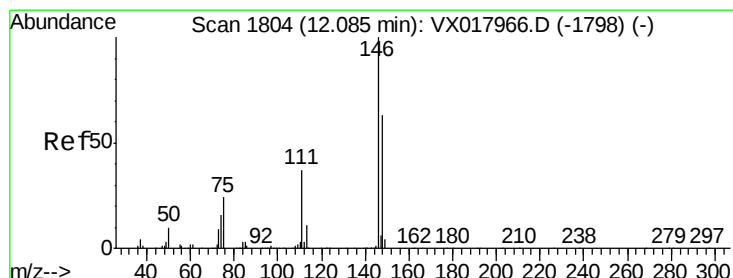
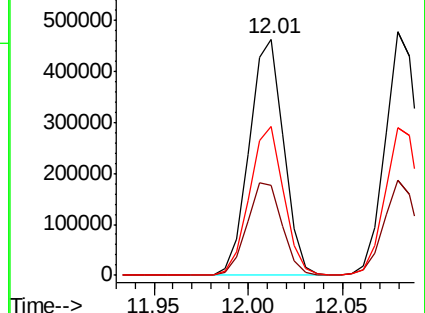
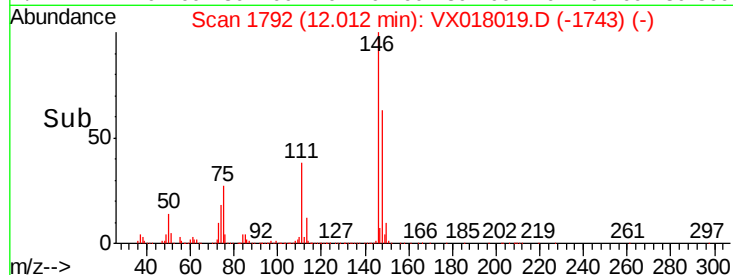
146 100

111 39.9 20.1 60.3

148 62.7 31.6 95.0



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: 53.166 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

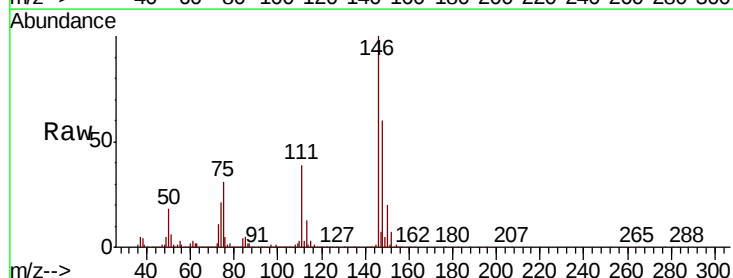
Tgt Ion:146 Resp: 587967

Ion Ratio Lower Upper

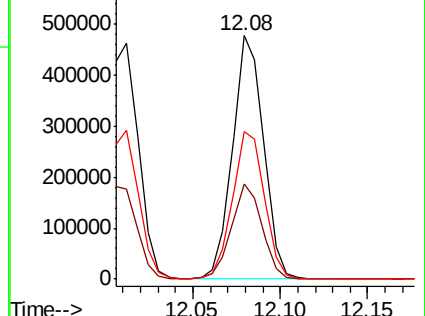
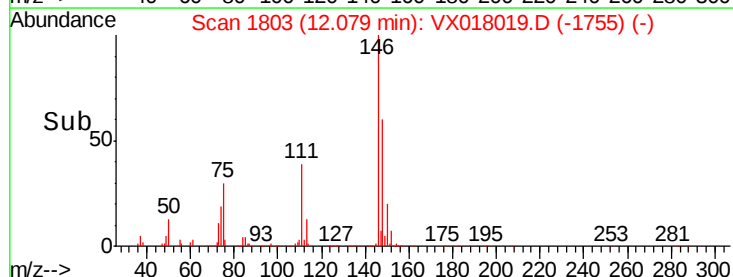
146 100

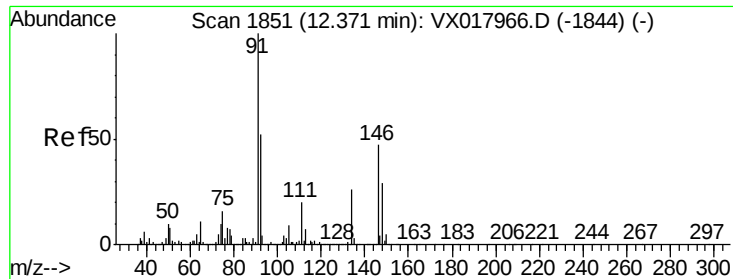
111 38.8 19.7 59.1

148 62.6 31.9 95.7



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

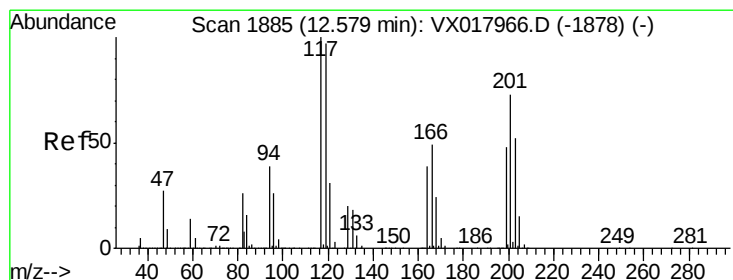
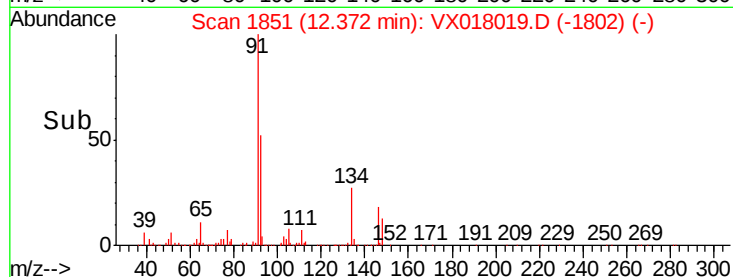
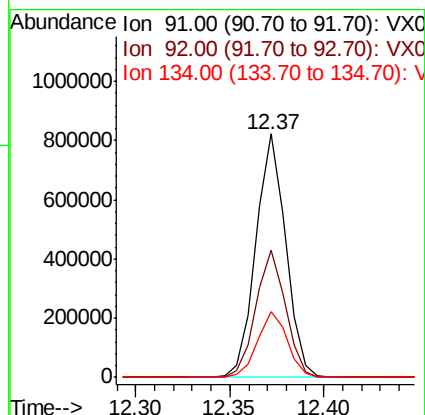
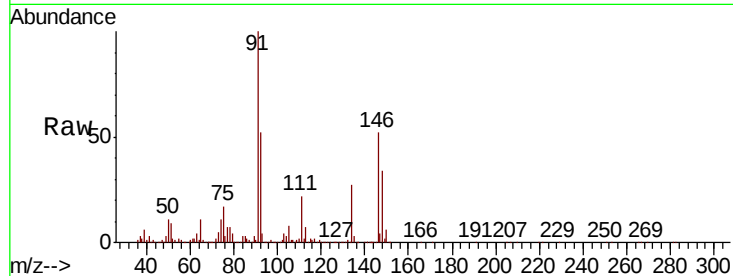




#89
n-Butylbenzene
Concen: 52.425 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

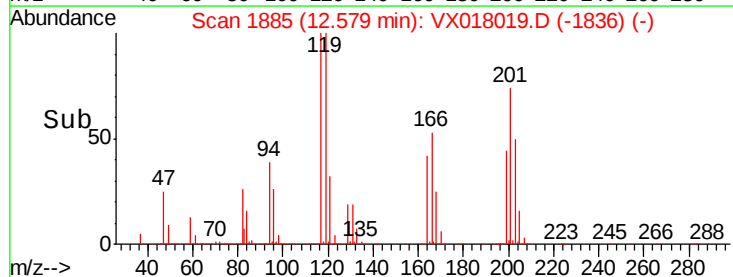
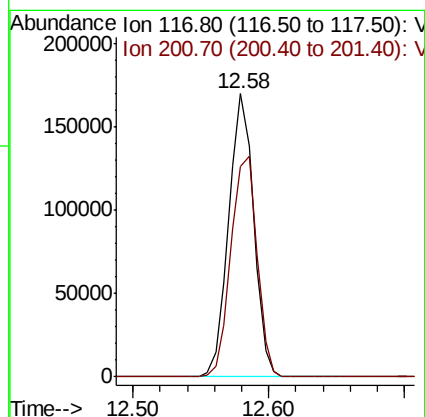
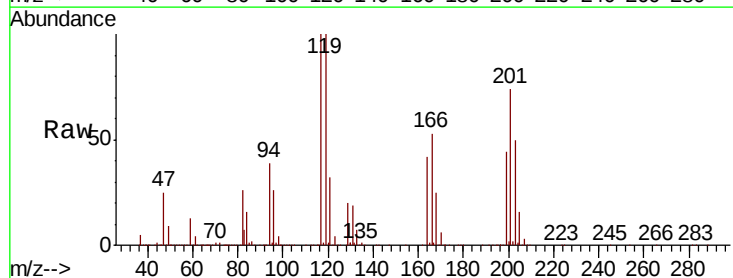
Instrument :
MSVOA_X
ClientSampleId :
MW-BR1-081320MSD

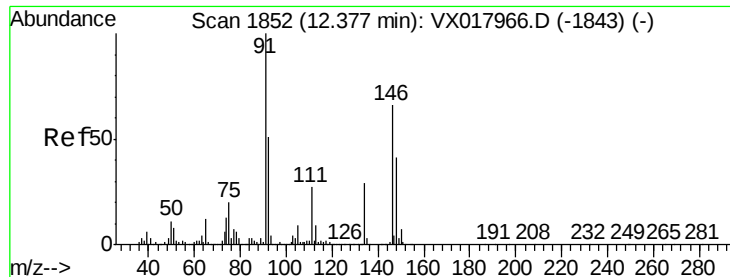
Tot Ion: 91 Resp: 902879
Ion Ratio Lower Upper
91 100
92 52.2 25.7 77.0
134 26.9 13.4 40.2



#90
Hexachloroethane
Concen: 52.553 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018019.D
Acq: 20 Aug 2020 05:46

Tgt Ion: 117 Resp: 217494
Ion Ratio Lower Upper
117 100
201 81.4 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 53.959 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

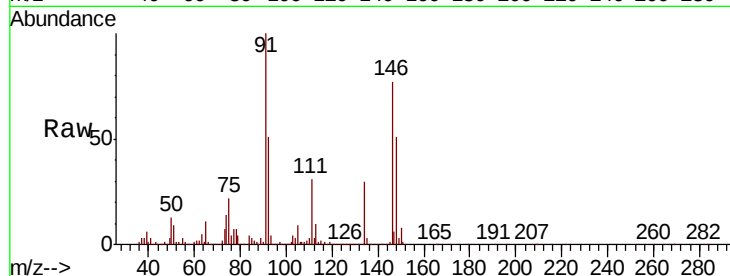
Tot Ion:146 Resp: 562288

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

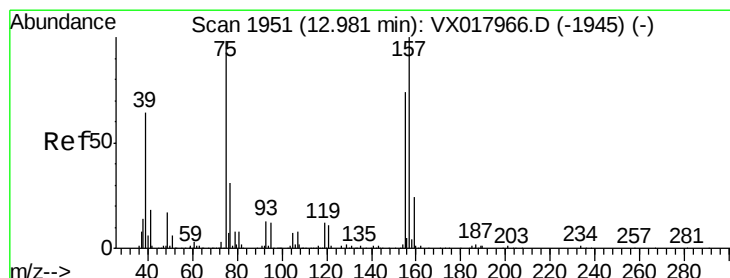
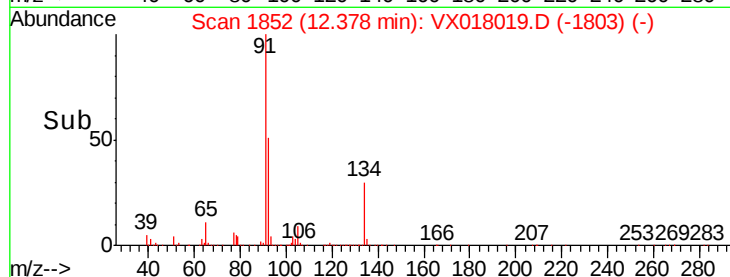
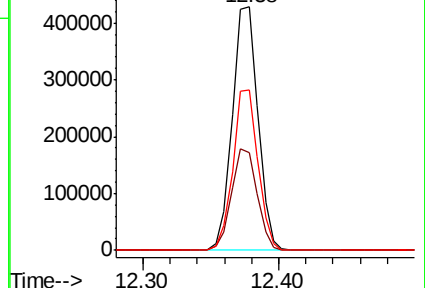
148 64.6 31.2 93.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.016 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

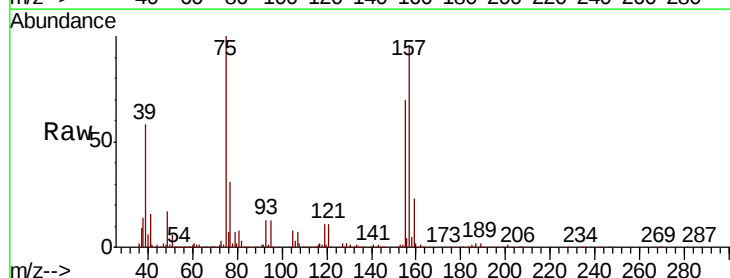
Tgt Ion: 75 Resp: 101342

Ion Ratio Lower Upper

75 100

155 79.9 40.5 121.5

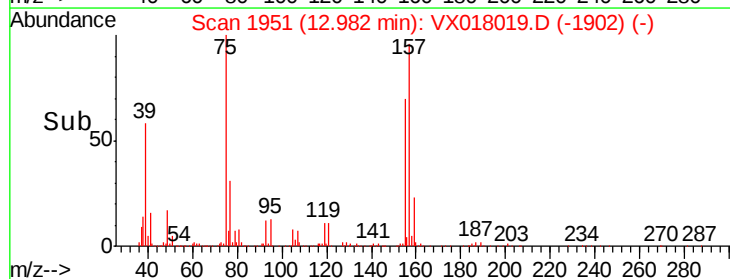
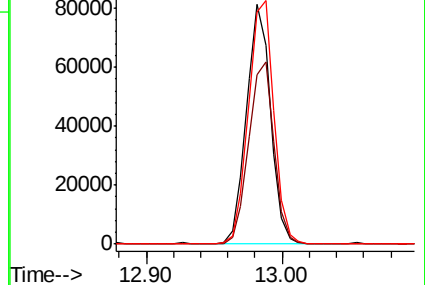
157 106.7 54.4 163.2

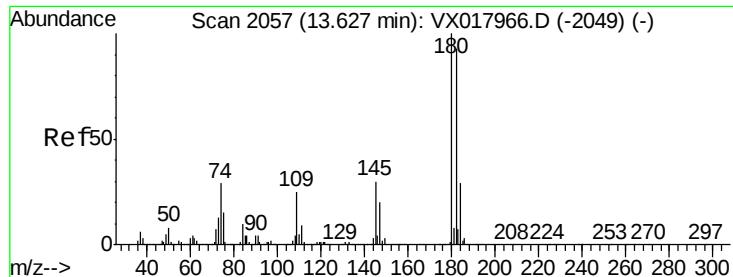


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

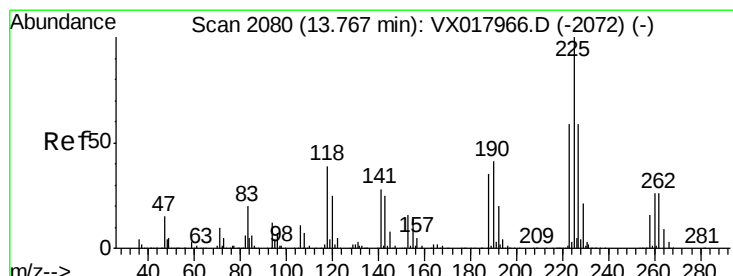
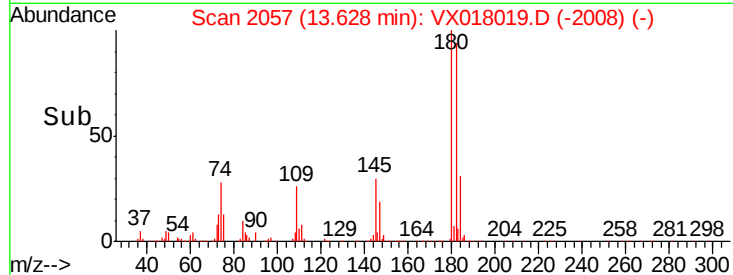
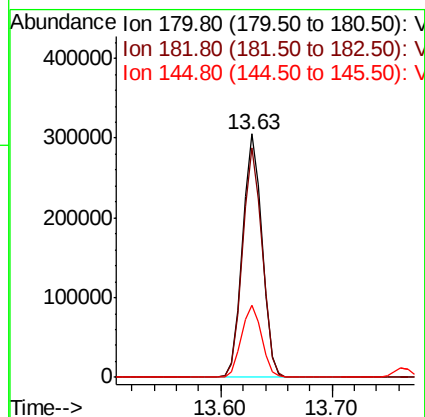
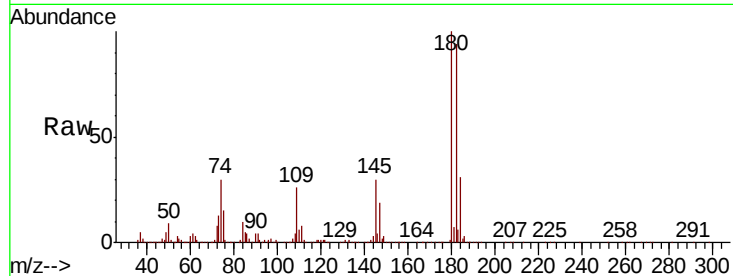




#93
 1,2,4-Trichlorobenzene
 Concen: 54.087 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

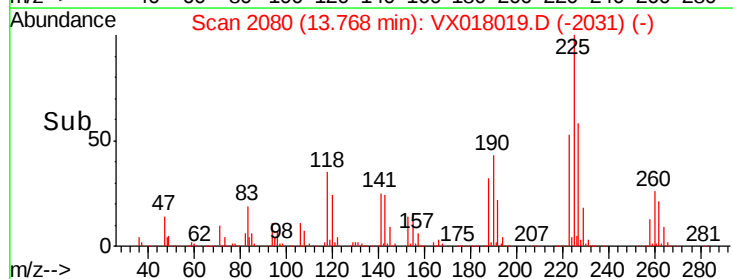
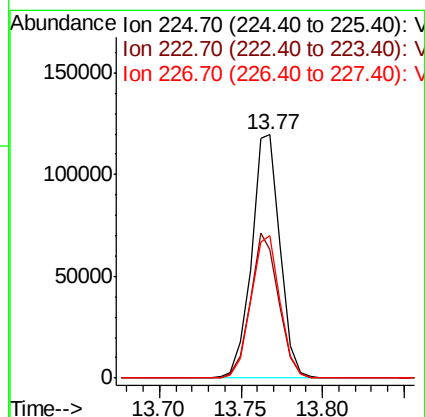
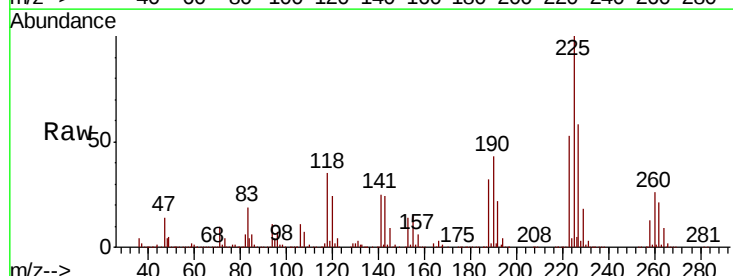
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

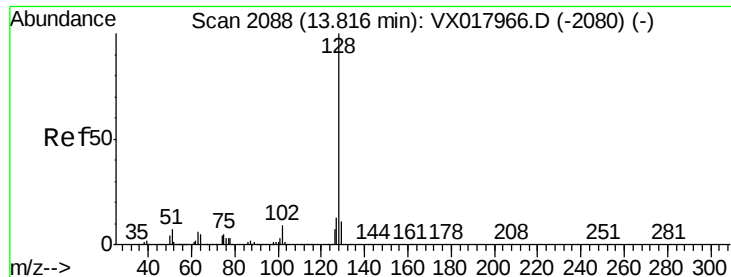
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.8	146.4
145	30.8	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 49.620 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018019.D
 Acq: 20 Aug 2020 05:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	32.1	96.3
227	59.5	29.8	89.5





#95

Naphthalene

Concen: 56.969 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Instrument :

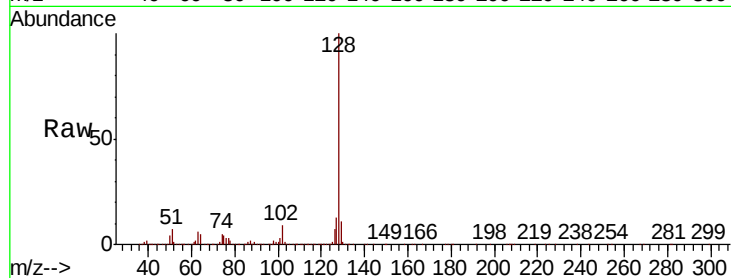
MSVOA_X

ClientSampleId :

MW-BR1-081320MSD

Tot Ion:128 Resp: 1232794

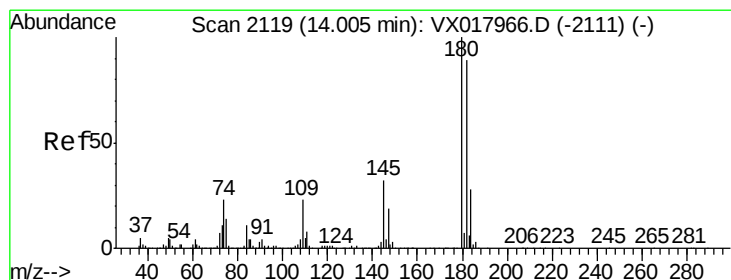
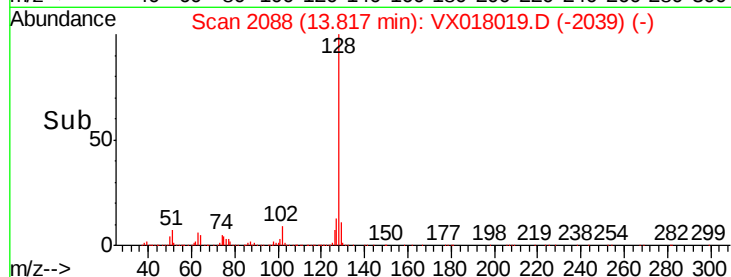
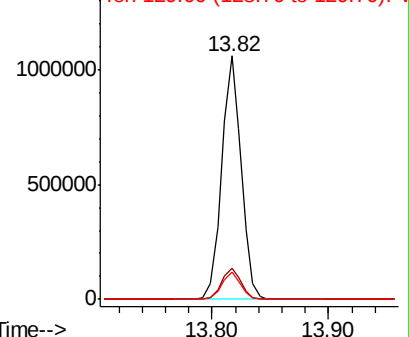
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.726 ug/l

RT: 14.00 min Scan# 2118

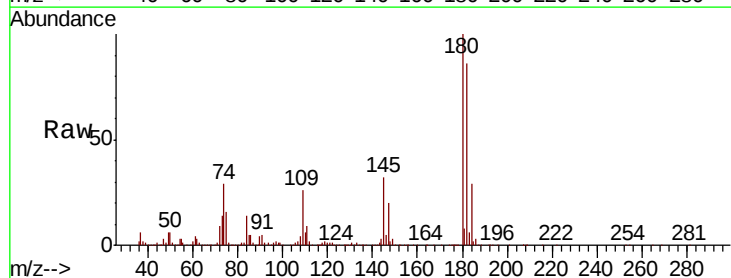
Delta R.T. -0.01 min

Lab File: VX018019.D

Acq: 20 Aug 2020 05:46

Tgt Ion:180 Resp: 381492

Ion	Ratio	Lower	Upper
180	100		
182	89.7	46.6	139.8
145	32.4	16.8	50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

