

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014066.D
 Acq On : 17 Dec 2019 20:52
 Operator : JC/SP
 Sample : K6251-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Quant Time: Dec 18 07:17:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	509931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	809306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	732965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347429	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	286810	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
35) Dibromofluoromethane	5.48	113	239901	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	912918	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.13	95	314617	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	212211	46.517	ug/l	100
3) Chloromethane	1.32	50	310832	50.771	ug/l	99
4) Vinyl Chloride	1.40	62	319842	49.510	ug/l	99
5) Bromomethane	1.63	94	215304	46.958	ug/l	99
6) Chloroethane	1.71	64	199322	49.992	ug/l	97
7) Trichlorofluoromethane	1.92	101	413088	51.656	ug/l	99
8) Diethyl Ether	2.18	74	189428	50.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216464	44.904	ug/l	100
10) Methyl Iodide	2.50	142	332886	52.240	ug/l	98
11) Tert butyl alcohol	3.03	59	384690	308.051	ug/l	100
12) 1,1-Dichloroethene	2.36	96	249560	50.877	ug/l	99
13) Acrolein	2.28	56	236879	331.371	ug/l	98
14) Allyl chloride	2.72	41	431107	49.224	ug/l	98
15) Acrylonitrile	3.13	53	834360	286.254	ug/l	100
16) Acetone	2.43	43	743491	198.156	ug/l	99
17) Carbon Disulfide	2.56	76	661873	48.625	ug/l	100
18) Methyl Acetate	2.76	43	340719	45.827	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	843865	52.353	ug/l	99
20) Methylene Chloride	2.84	84	290361	49.143	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	269625	49.893	ug/l	99
22) Diisopropyl ether	3.84	45	923076	52.890	ug/l	93
23) Vinyl Acetate	3.80	43	3183257	223.505	ug/l	100
24) 1,1-Dichloroethane	3.69	63	515417	53.081	ug/l	100
25) 2-Butanone	4.65	43	1198770	259.147	ug/l	98
26) 2,2-Dichloropropane	4.57	77	192488	25.532	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	363352	59.452	ug/l	92
28) Bromochloromethane	5.00	49	197779	52.936	ug/l	98
29) Tetrahydrofuran	5.11	42	768999	297.215	ug/l	99
30) Chloroform	5.20	83	481488	52.308	ug/l	99
31) Cyclohexane	5.57	56	419524	48.578	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	398309	50.772	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351967	47.398	ug/l	98
37) Ethyl Acetate	4.82	43	370886	45.229	ug/l	99
38) Carbon Tetrachloride	5.77	117	334142	49.394	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	385316	42.023	ug/l	98
40) Benzene	6.14	78	1114335	48.771	ug/l	100
41) Methacrylonitrile	5.03	41	247614	54.422	ug/l	99
42) 1,2-Dichloroethane	6.18	62	389504	50.290	ug/l	99
43) Isopropyl Acetate	6.43	43	637649	46.986	ug/l	100
44) Trichloroethene	7.20	130	573811	90.923	ug/l	98
45) 1,2-Dichloropropane	7.51	63	297103	50.733	ug/l	96
46) Dibromomethane	7.65	93	189237	48.875	ug/l	99
47) Bromodichloromethane	7.89	83	370400	50.795	ug/l	99
48) Methyl methacrylate	7.76	41	357013	53.724	ug/l	99
49) 1,4-Dioxane	7.73	88	162127	1198.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2329442	273.319	ug/l	99
52) Toluene	8.78	92	692924	47.980	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	372879	46.634	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	410403	46.072	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	284787	49.202	ug/l	98
56) Ethyl methacrylate	9.17	69	470819	51.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	489496	50.264	ug/l	100
59) 2-Hexanone	9.48	43	1806493	263.303	ug/l	100
60) Dibromochloromethane	9.57	129	297116	51.642	ug/l	99
61) 1,2-Dibromoethane	9.67	107	301448	50.902	ug/l	100
64) Tetrachloroethene	9.33	164	337642	52.058	ug/l	98
65) Chlorobenzene	10.14	112	738462	47.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	275109	49.439	ug/l	100
67) Ethyl Benzene	10.25	91	1308252	48.827	ug/l	100
68) m/p-Xylenes	10.35	106	989558	96.025	ug/l	99
69) o-Xylene	10.70	106	484357	47.924	ug/l	98
70) Stvrene	10.71	104	820142	47.988	ug/l	98
71) Bromoform	10.85	173	233104	52.114	ug/l #	100
73) Isopropylbenzene	11.01	105	1254241	51.274	ug/l	100
74) N-amyl acetate	10.89	43	502227	43.801	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	464117	54.727	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	494082	65.505	ug/l	88
77) Bromobenzene	11.25	156	331752	49.292	ug/l	99
78) n-propylbenzene	11.35	91	1384484	50.459	ug/l	99
79) 2-Chlorotoluene	11.42	91	840580	50.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1025291	49.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	123305	46.142	ug/l	99
82) 4-Chlorotoluene	11.51	91	951108	49.161	ug/l	100
83) tert-Butylbenzene	11.76	119	1037532	51.787	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1042381	50.560	ug/l	100
85) sec-Butylbenzene	11.94	105	1156021	48.878	ug/l	100
86) p-Isopropyltoluene	12.06	119	1055801	48.801	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	557080	47.228	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	552891	46.098	ug/l	99
89) n-Butylbenzene	12.39	91	853420	46.230	ug/l	99
90) Hexachloroethane	12.59	117	197545	50.835	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	571176	48.102	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100882	53.755	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	343185	44.467	ug/l	97

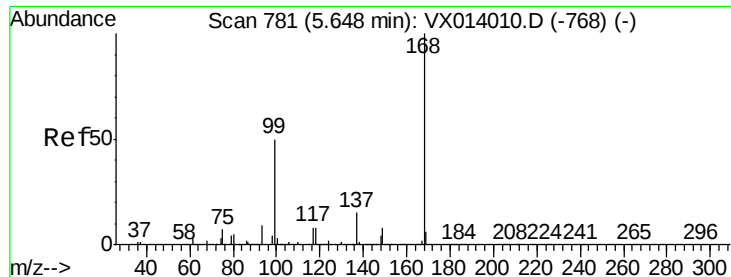
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	154300	41.600	ug/l	97
95) Naphthalene	13.83	128	1122251	49.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	357531	46.929	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

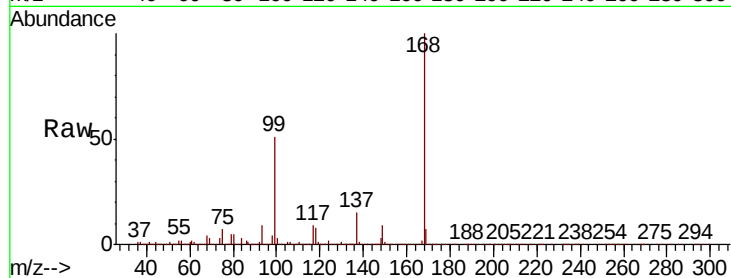
MW202D-20191207MSD

Tot Ion:168 Resp: 509931

Ion Ratio Lower Upper

168 100

99 51.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

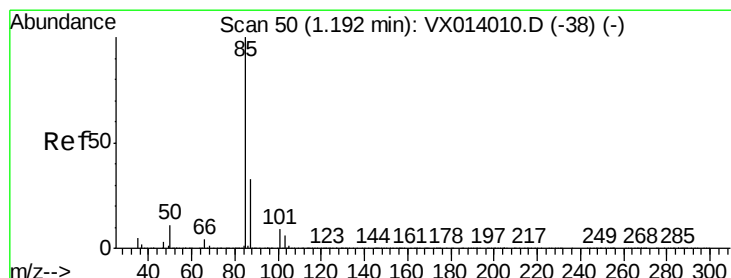
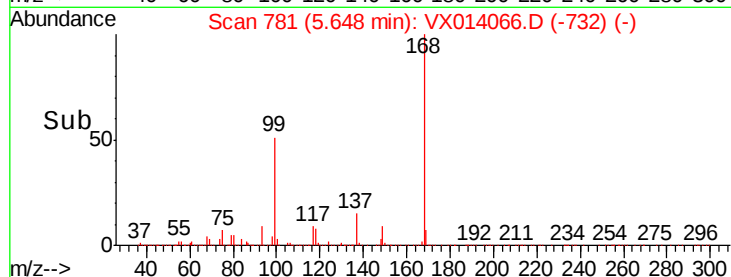
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.517 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014066.D

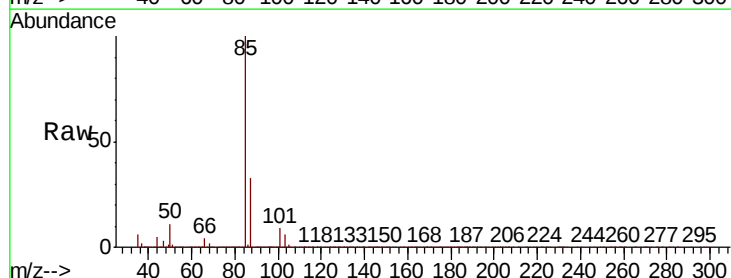
Acq: 17 Dec 2019 20:52

Tgt Ion: 85 Resp: 212211

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

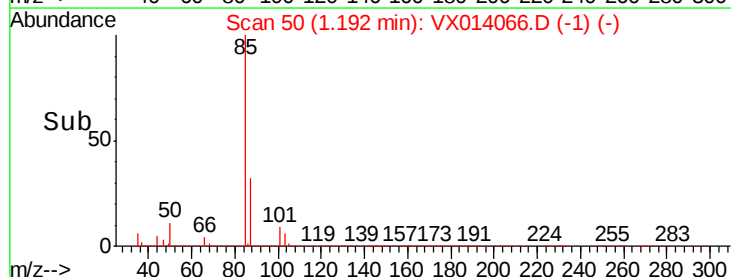
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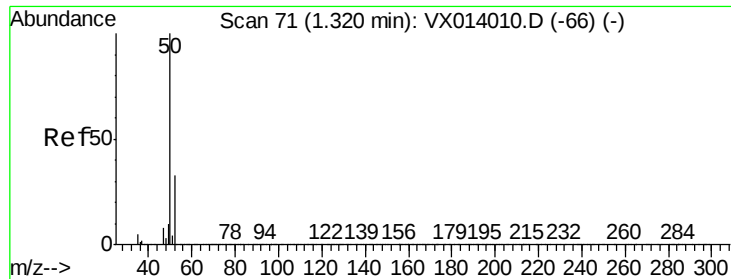
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 50.771 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

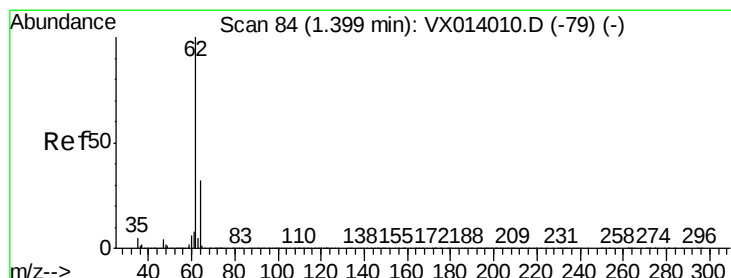
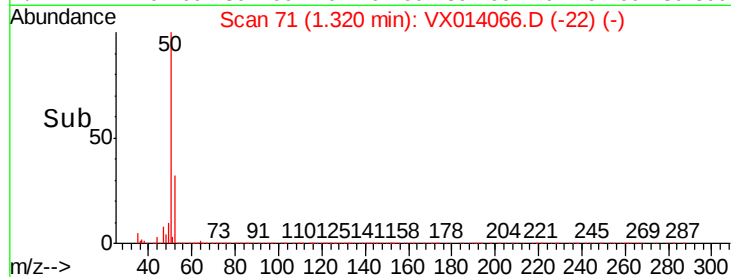
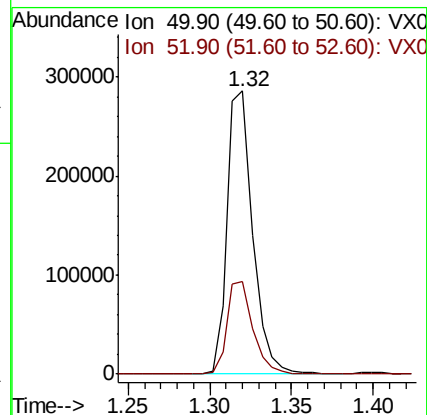
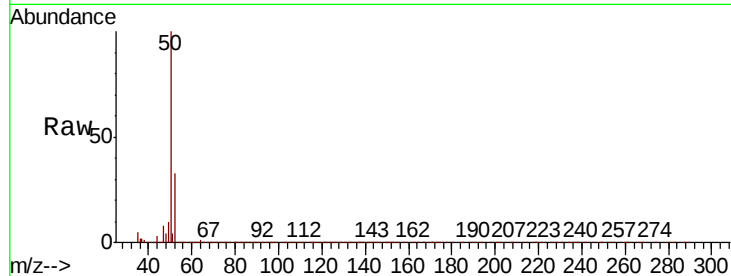
MW202D-20191207MSD

Tot Ion: 50 Resp: 310832

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.4



#4

Vinyl Chloride

Concen: 49.510 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014066.D

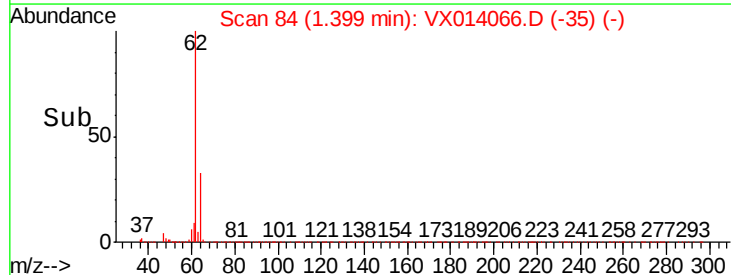
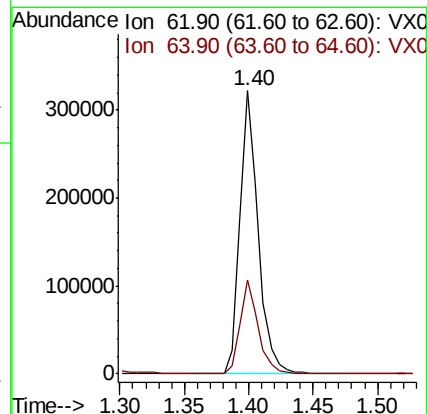
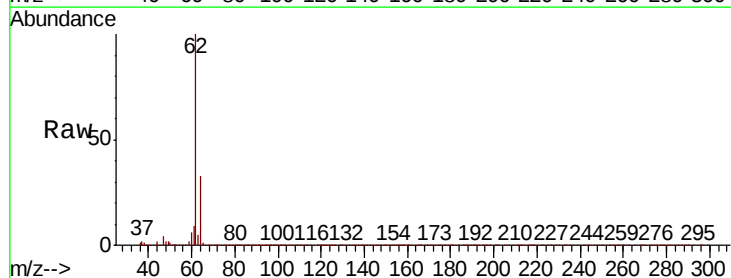
Acq: 17 Dec 2019 20:52

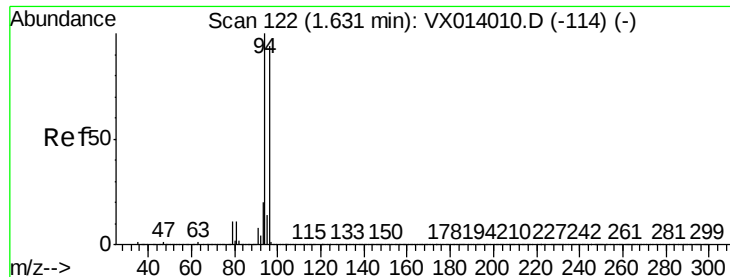
Tgt Ion: 62 Resp: 319842

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 46.958 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

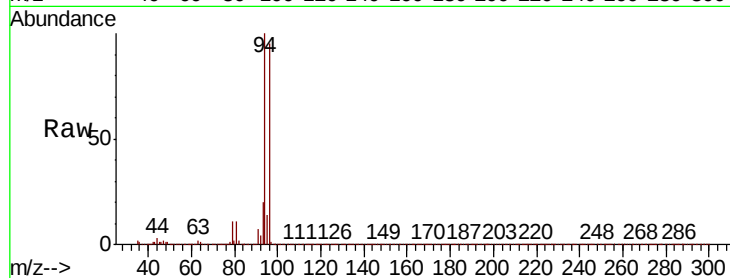
MW202D-20191207MSD

Tot Ion: 94 Resp: 215304

Ion Ratio Lower Upper

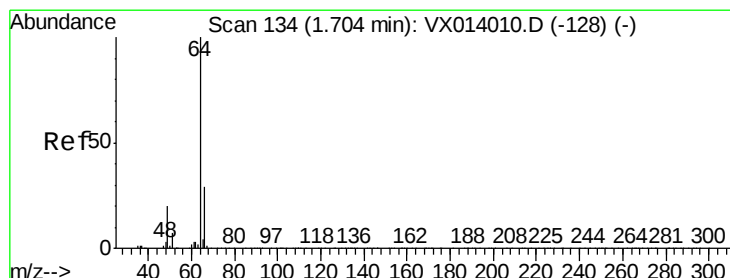
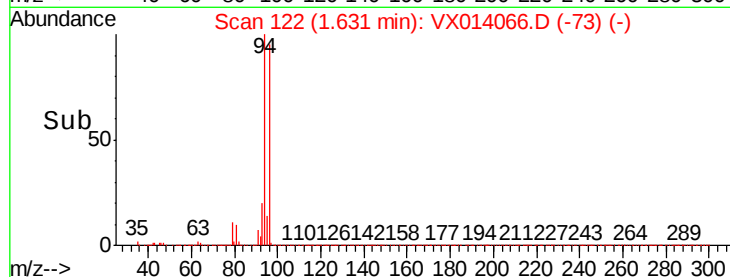
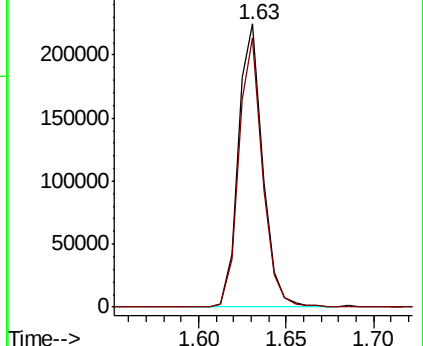
94 100

96 94.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.992 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014066.D

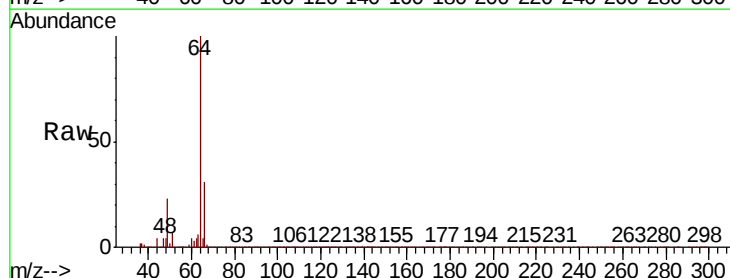
Acq: 17 Dec 2019 20:52

Tgt Ion: 64 Resp: 199322

Ion Ratio Lower Upper

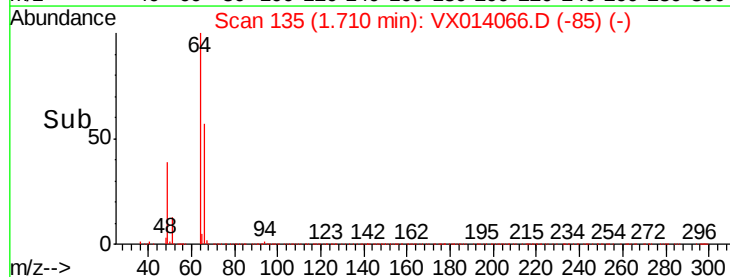
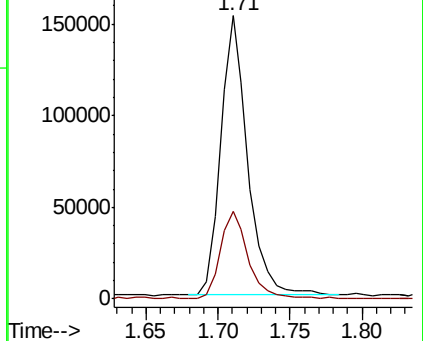
64 100

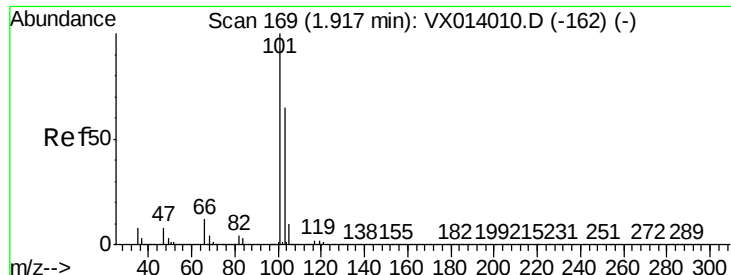
66 31.2 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



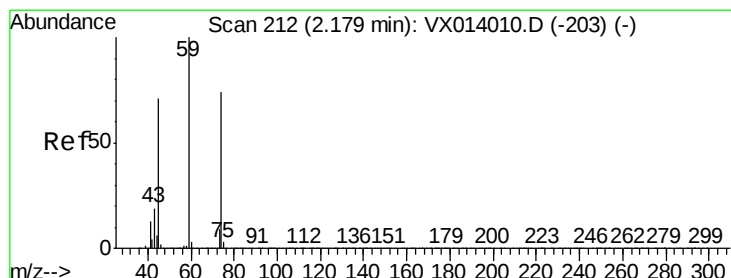
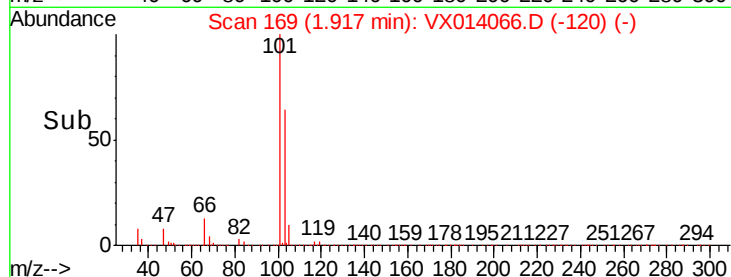
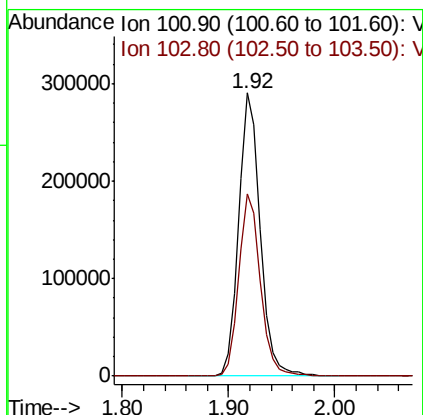
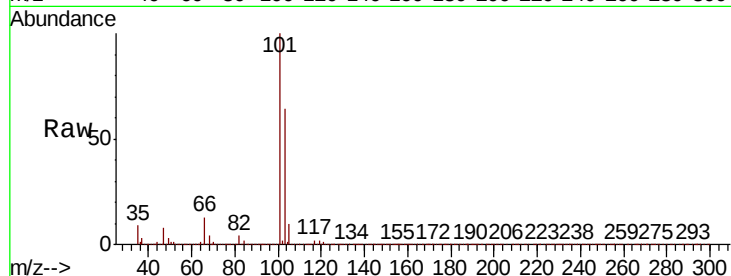


#7

Trichlorofluoromethane
Concen: 51.656 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014066.D
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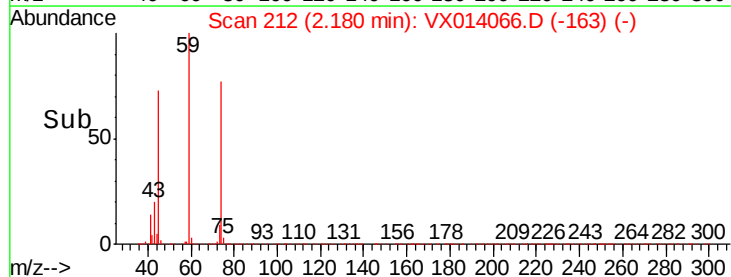
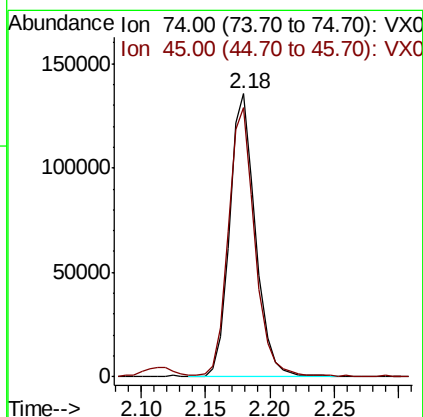
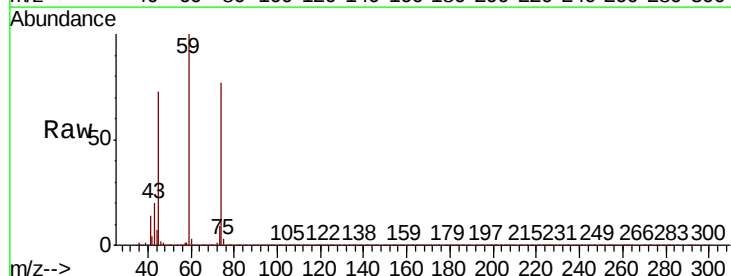
Tot Ion:101 Resp: 413088
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

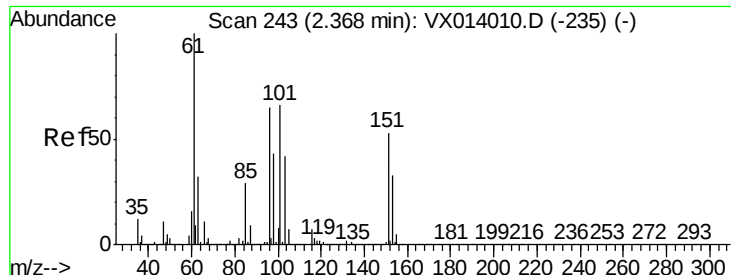


#8

Diethyl Ether
Concen: 50.472 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 74 Resp: 189428
Ion Ratio Lower Upper
74 100
45 97.1 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.904 ug/l

RT: 2.37 min Scan# 244

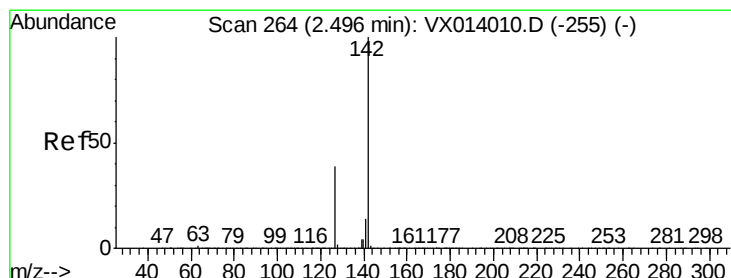
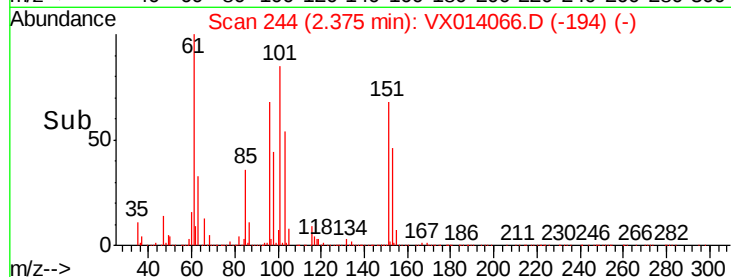
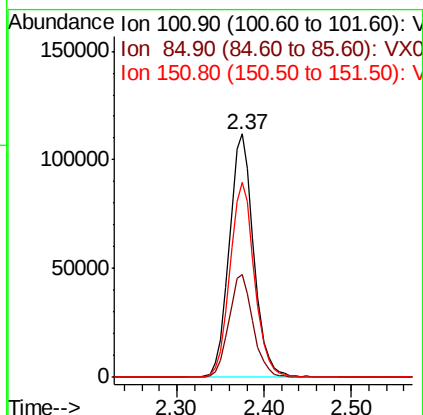
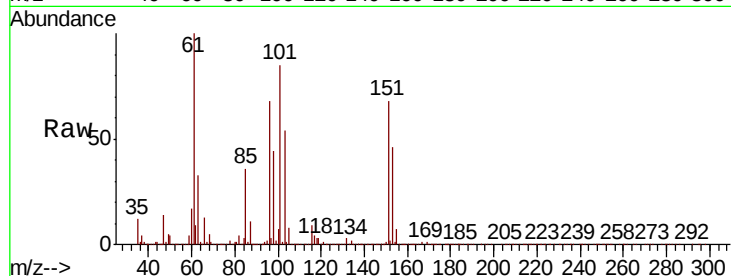
Delta R.T. 0.01 min

Lab File: VX014066.D

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Tot Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.7	50.5
151	80.6	64.5	96.7



#10

Methyl Iodide

Concen: 52.240 ug/l

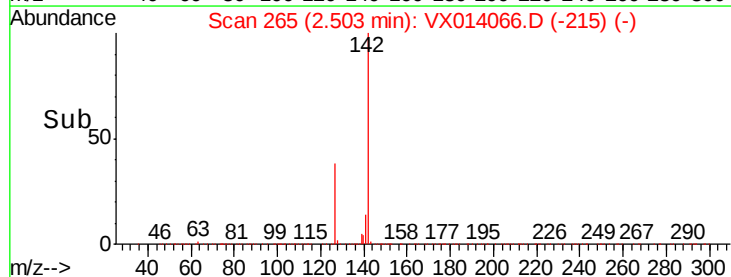
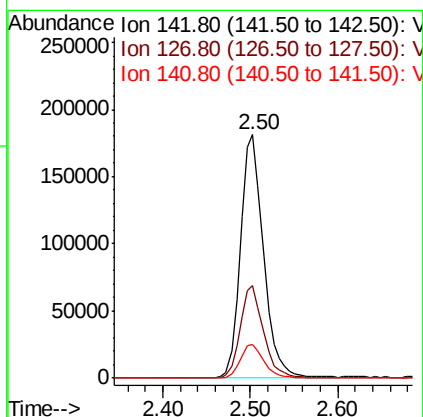
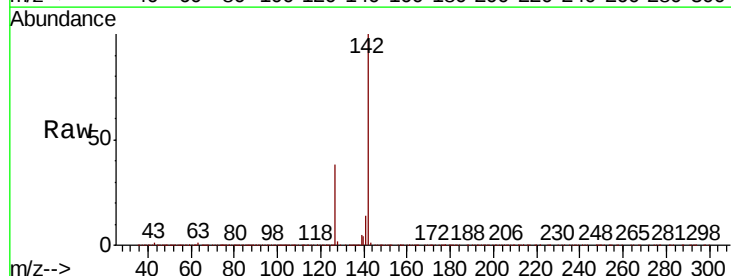
RT: 2.50 min Scan# 265

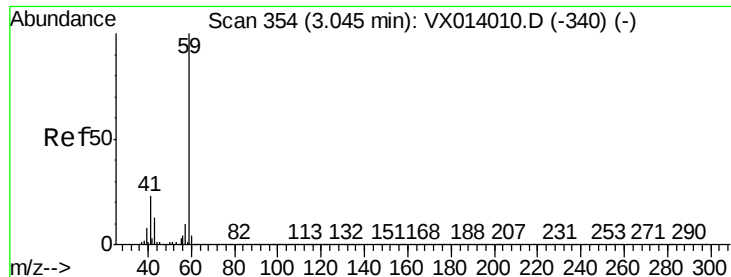
Delta R.T. 0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.3	31.6	47.4
141	14.1	11.6	17.4



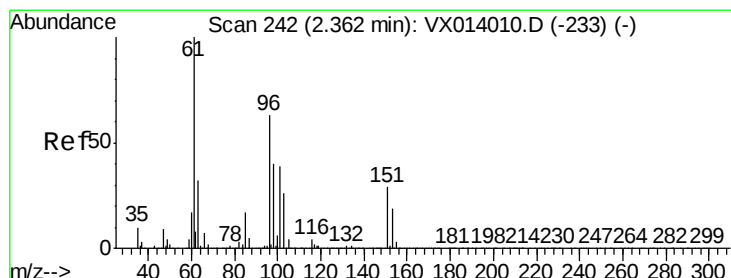
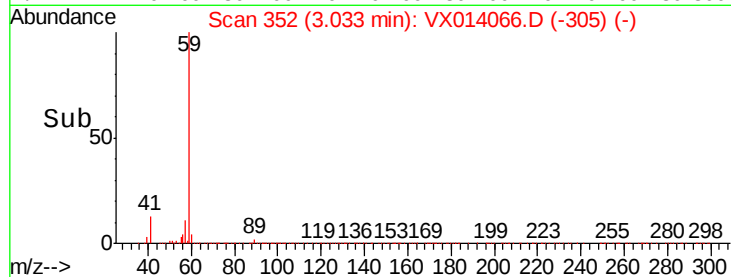
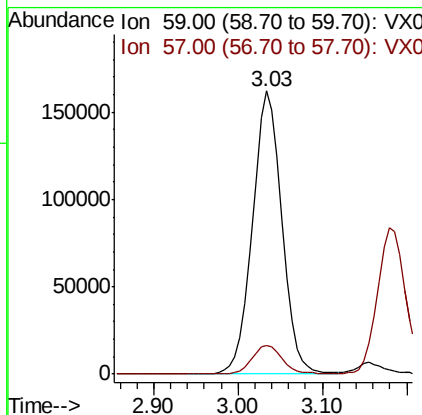
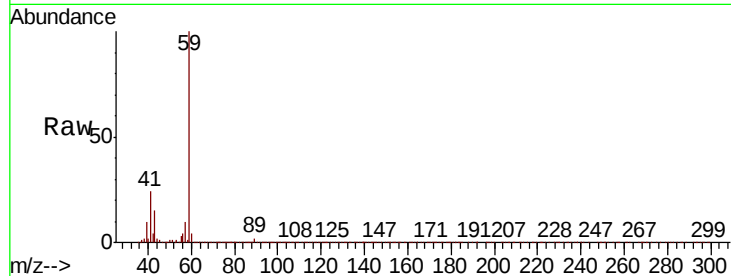


#11

Tert butyl alcohol
Concen: 308.051 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

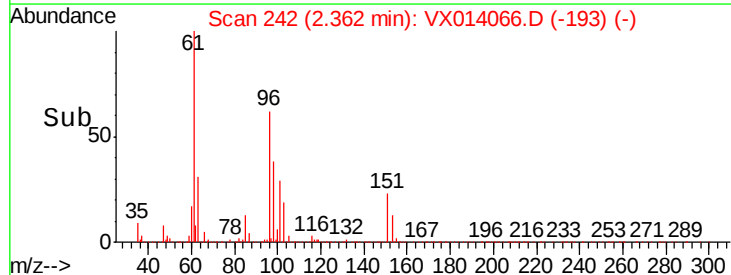
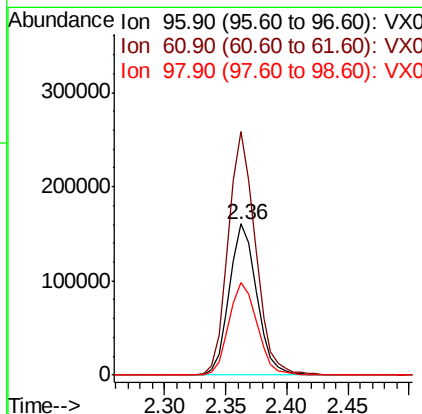
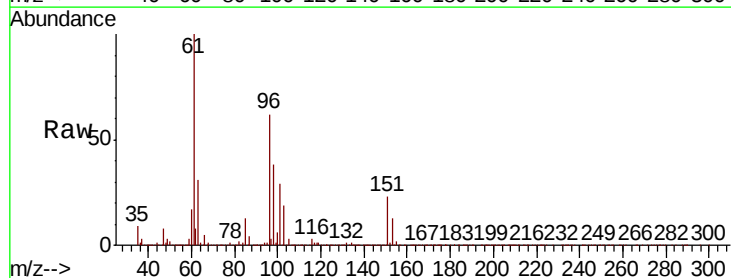
Tot Ion: 59 Resp: 384690
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12

1,1-Dichloroethene
Concen: 50.877 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 96 Resp: 249560
Ion Ratio Lower Upper
96 100
61 160.8 127.9 191.9
98 60.9 50.5 75.7

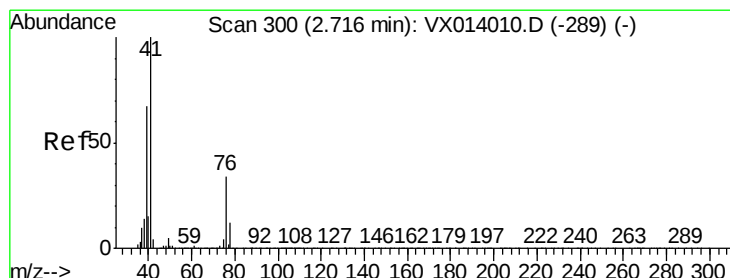
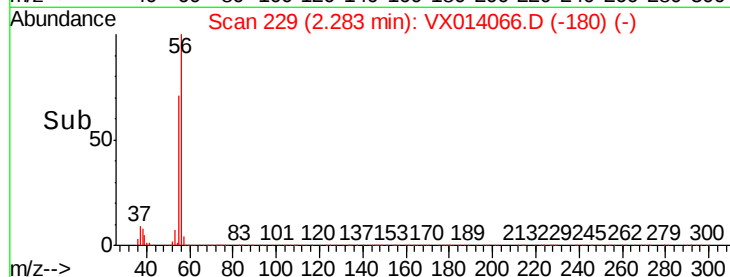
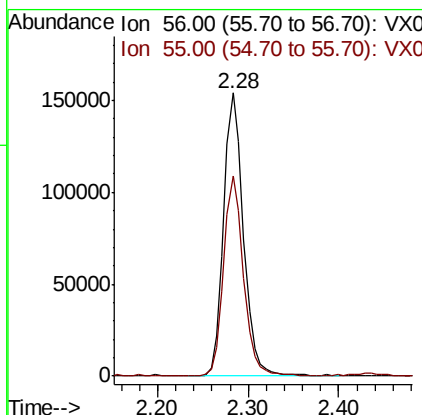
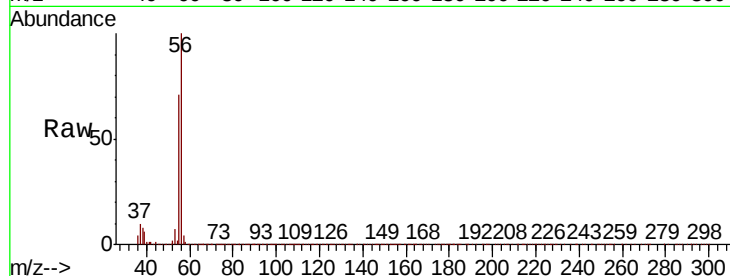




#13
Acrolein
Concen: 331.371 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

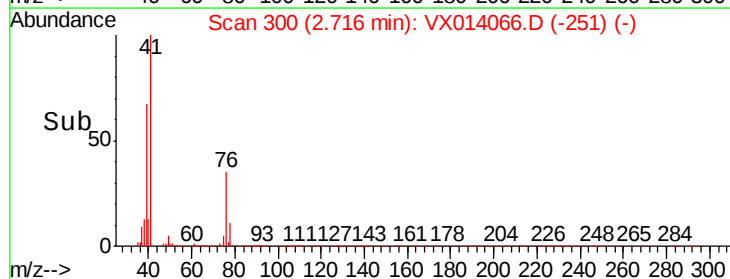
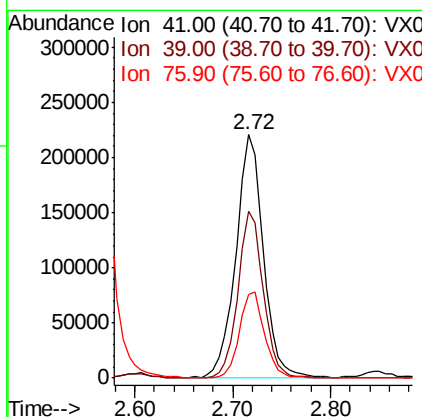
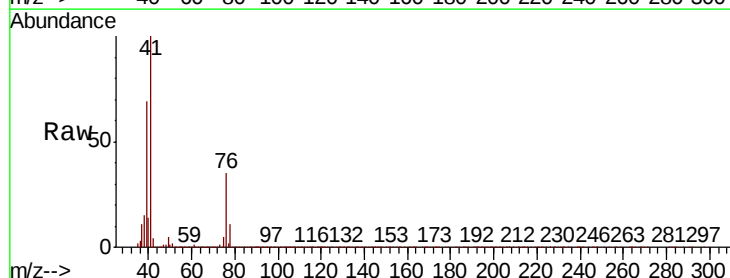
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

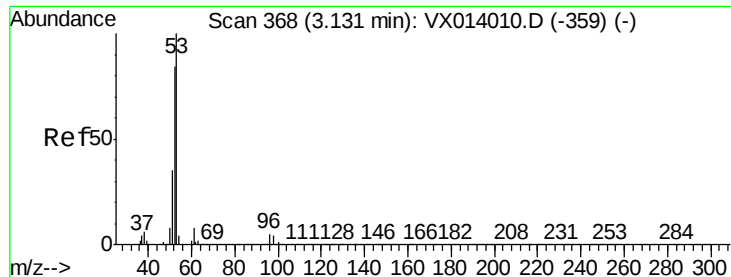
Tot Ion: 56 Resp: 236879
Ion Ratio Lower Upper
56 100
55 69.5 56.9 85.3



#14
Allyl chloride
Concen: 49.224 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 41 Resp: 431107
Ion Ratio Lower Upper
41 100
39 62.9 51.8 77.8
76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 286.254 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

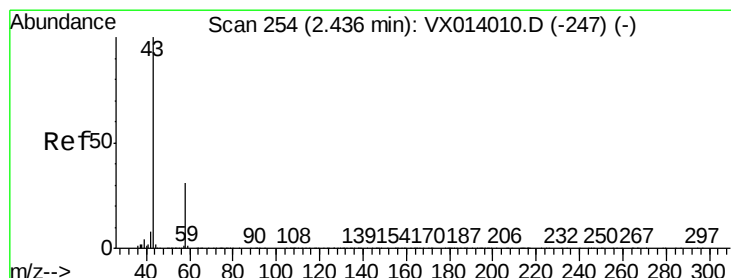
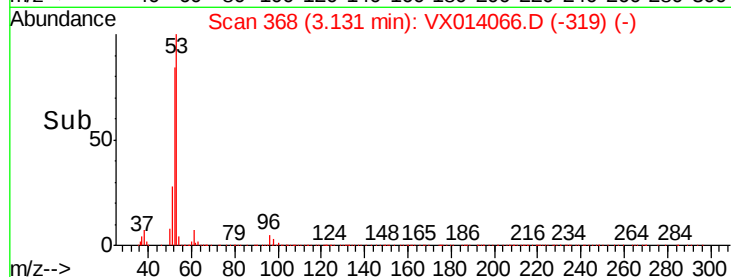
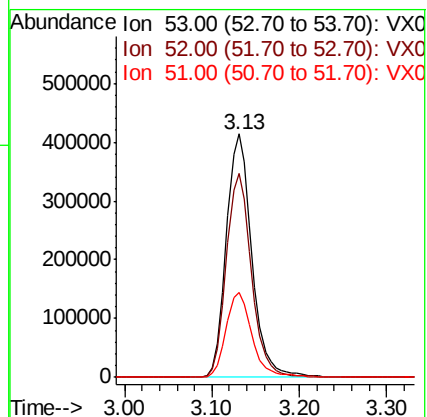
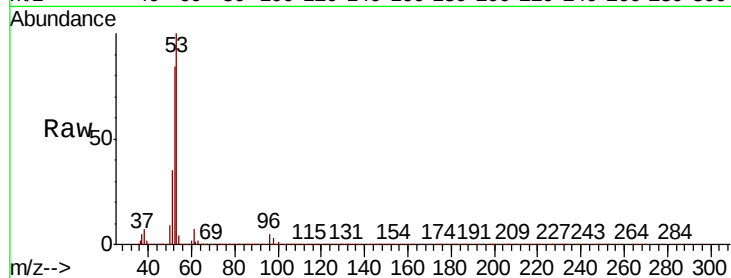
MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 53 Resp: 834360

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	35.5	28.1	42.1



#16

Acetone

Concen: 198.156 ug/l

RT: 2.43 min Scan# 253

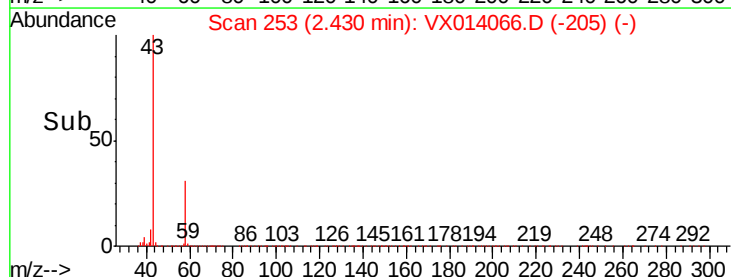
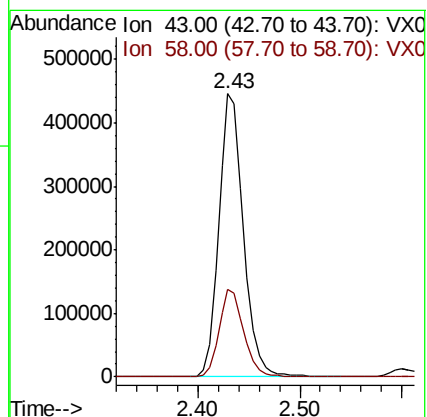
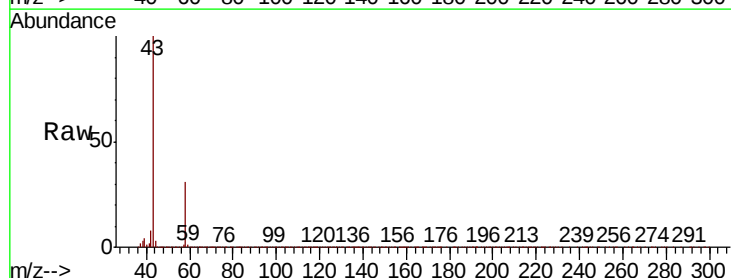
Delta R.T. -0.01 min

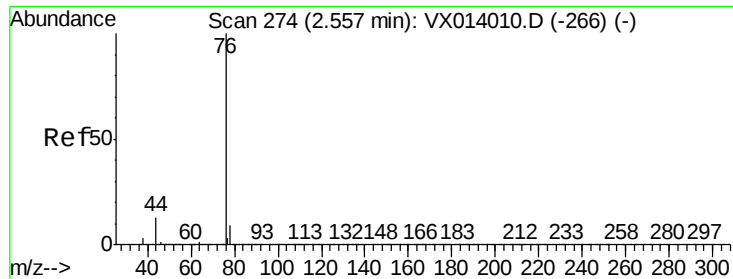
Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion: 43 Resp: 743491

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.9	37.3





#17

Carbon Disulfide

Concen: 48.625 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

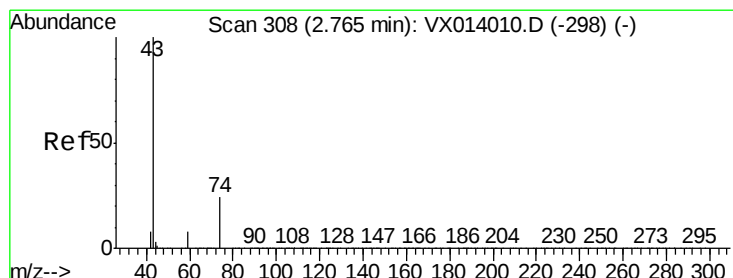
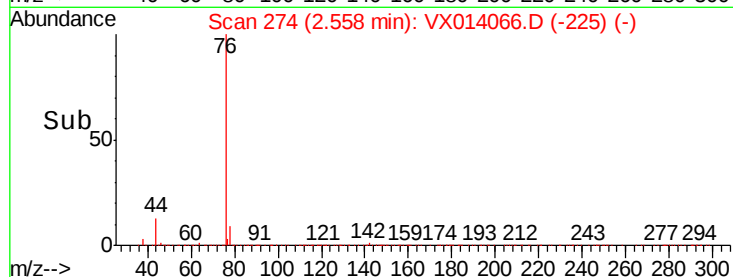
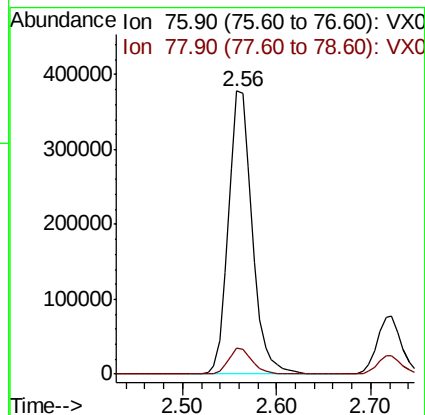
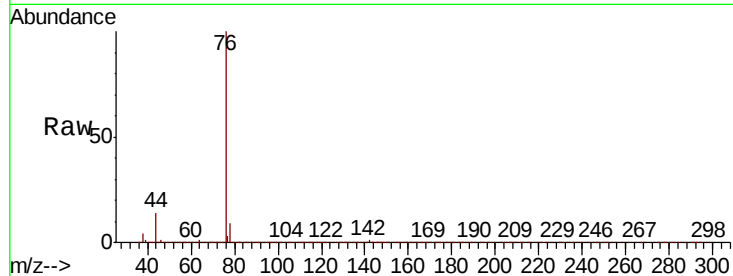
MW202D-20191207MSD

Tot Ion: 76 Resp: 661873

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 45.827 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014066.D

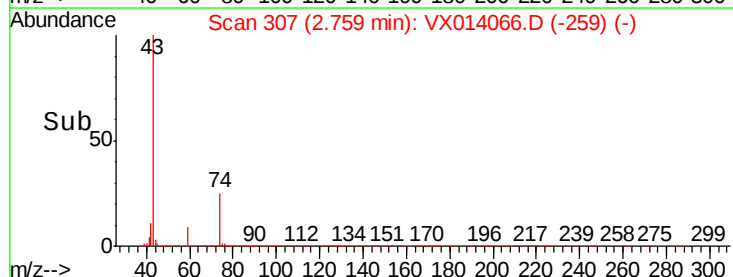
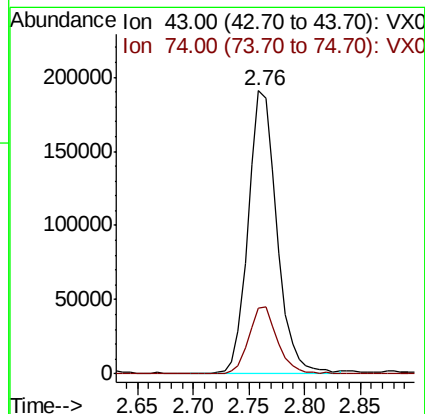
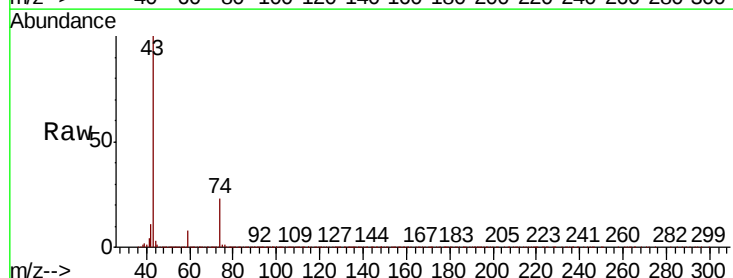
Acq: 17 Dec 2019 20:52

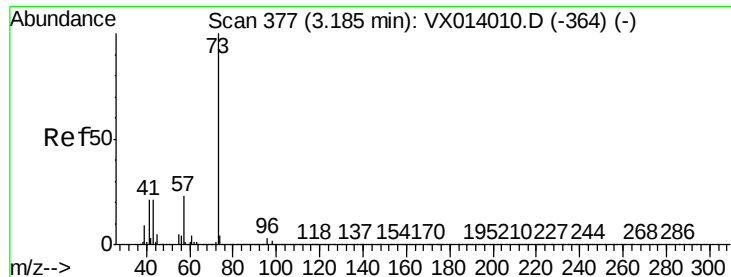
Tgt Ion: 43 Resp: 340719

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3

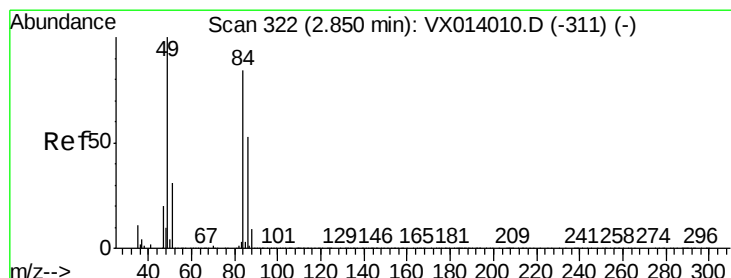
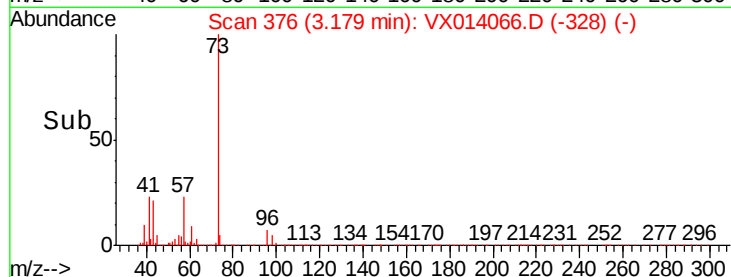
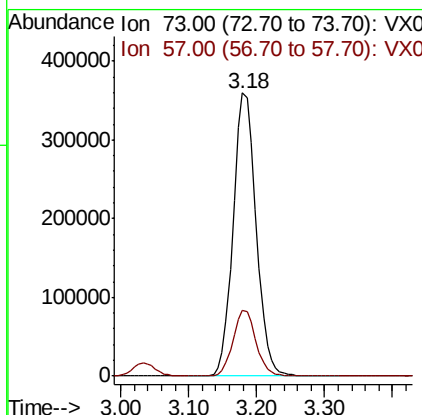
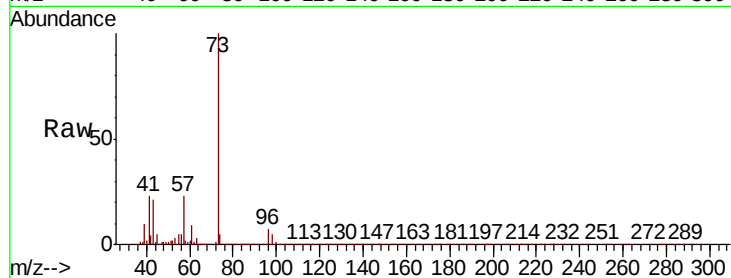




#19
Methvl tert-butvl Ether
Concen: 52.353 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

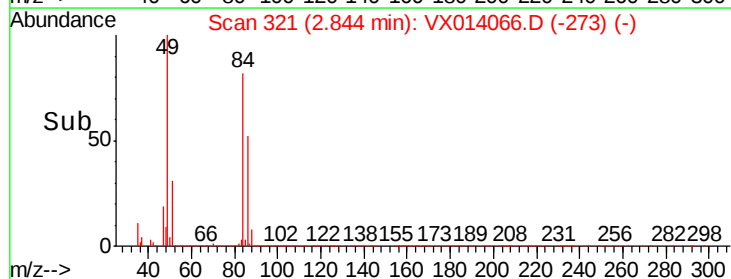
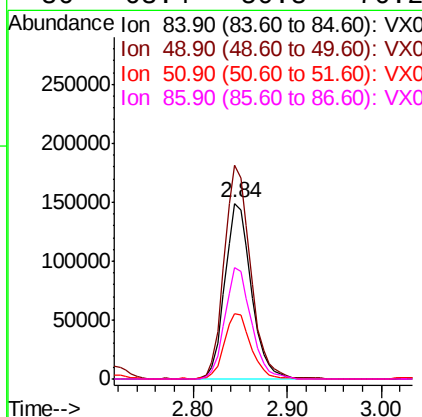
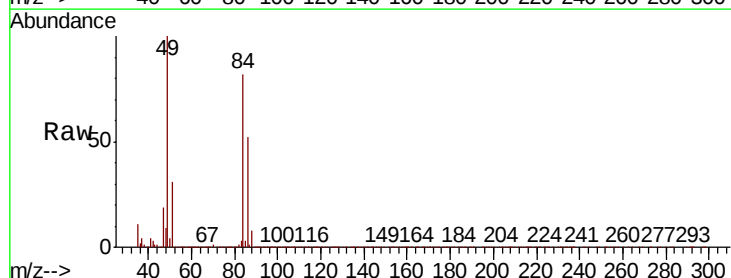
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion: 73 Resp: 843865
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2



#20
Methylene Chloride
Concen: 49.143 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 84 Resp: 290361
Ion Ratio Lower Upper
84 100
49 121.7 95.8 143.6
51 37.4 29.8 44.8
86 63.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.893 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

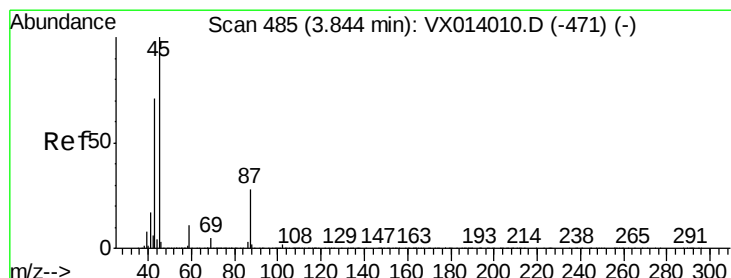
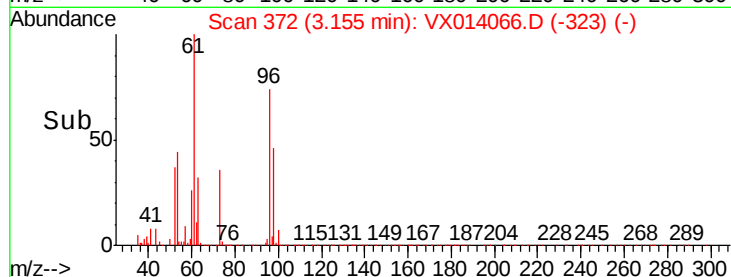
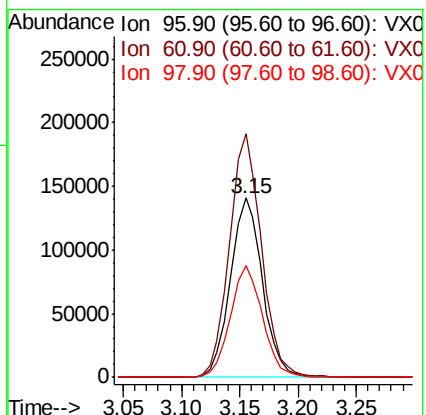
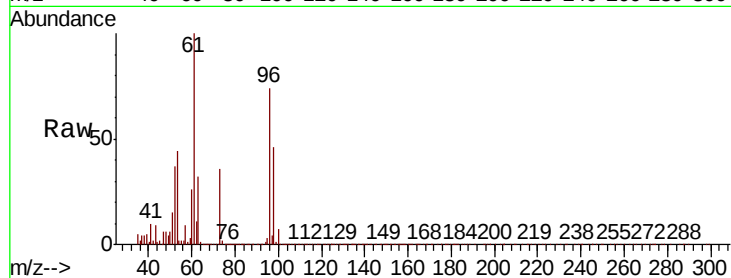
Tot Ion: 96 Resp: 269625

Ion Ratio Lower Upper

96 100

61 135.6 108.3 162.5

98 61.9 50.8 76.2



#22

Diisopropyl ether

Concen: 52.890 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Tgt Ion: 45 Resp: 923076

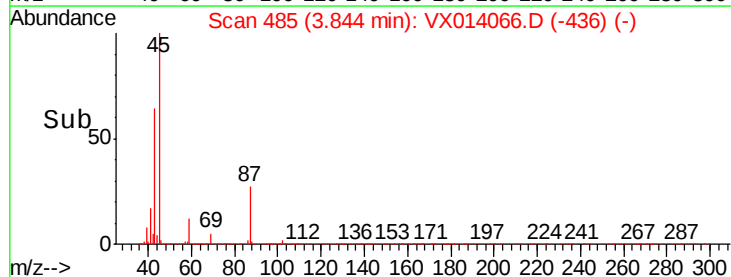
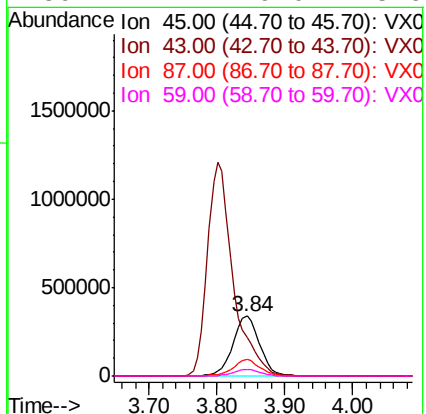
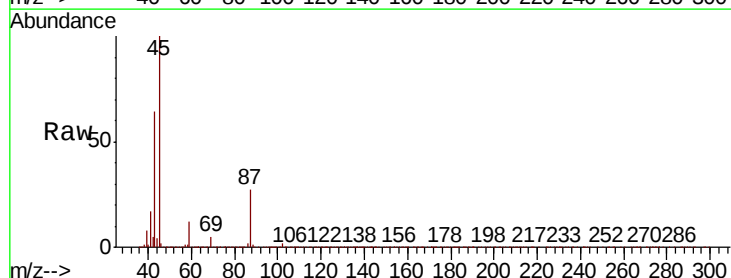
Ion Ratio Lower Upper

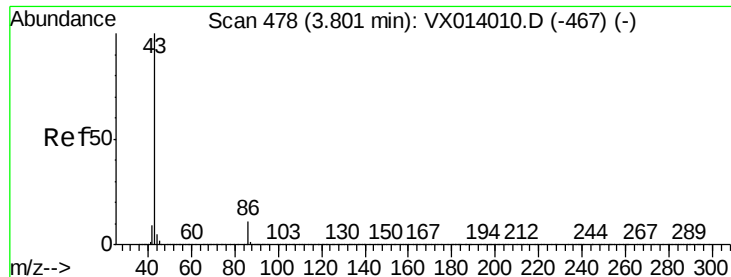
45 100

43 63.5 57.4 86.0

87 27.2 21.9 32.9

59 11.7 9.0 13.6





#23

Vinyl Acetate

Concen: 223.505 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

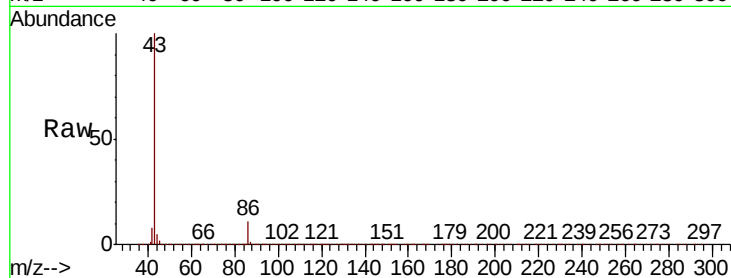
MW202D-20191207MSD

Tot Ion: 43 Resp: 3183257

Ion Ratio Lower Upper

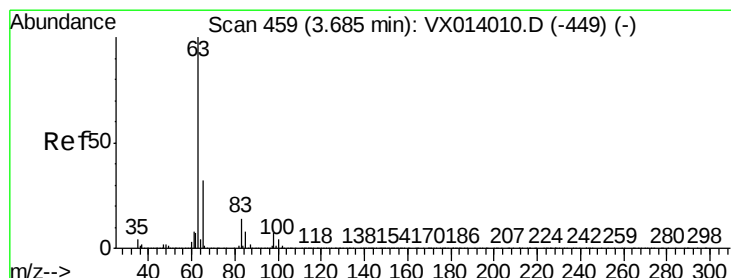
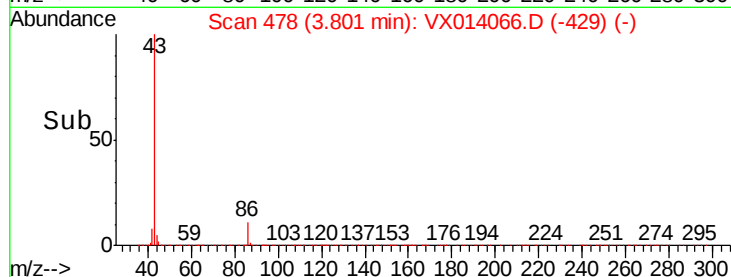
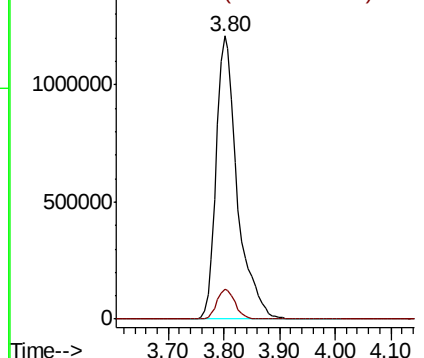
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.081 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

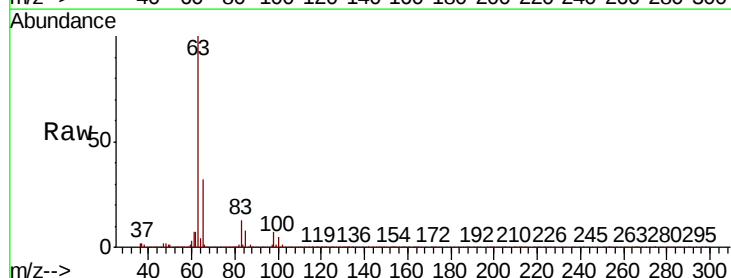
Tgt Ion: 63 Resp: 515417

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

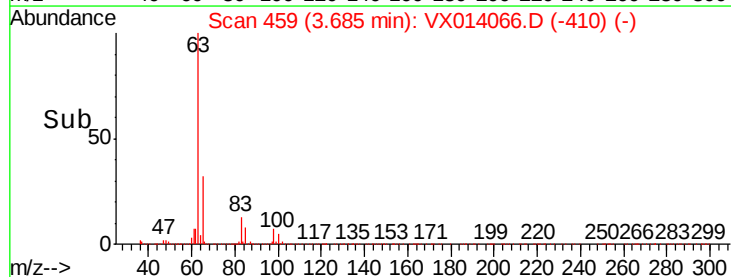
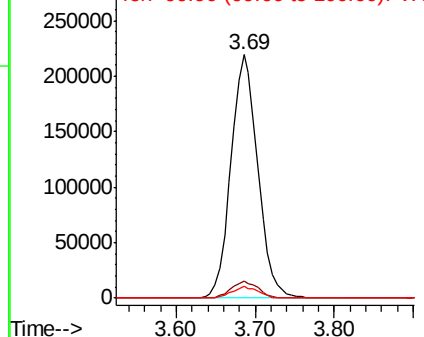
100 4.6 2.3 6.8

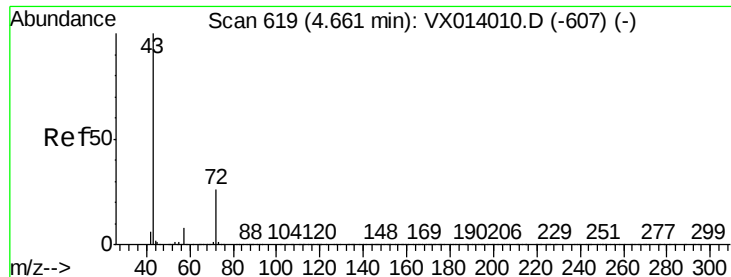


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.147 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

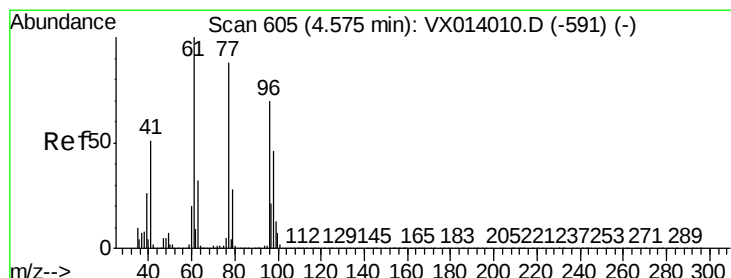
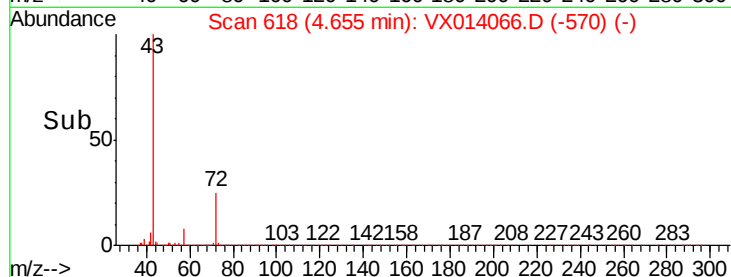
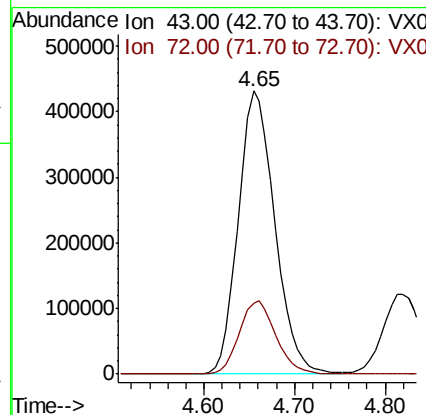
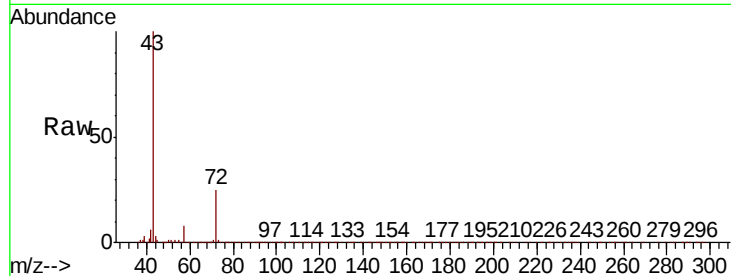
MW202D-20191207MSD

Tot Ion: 43 Resp: 1198770

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 25.532 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014066.D

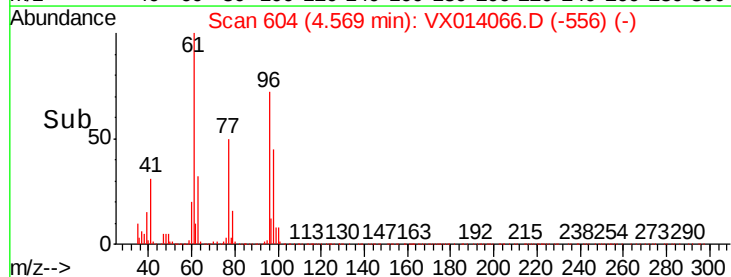
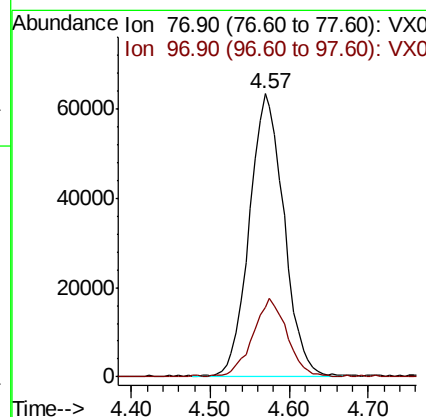
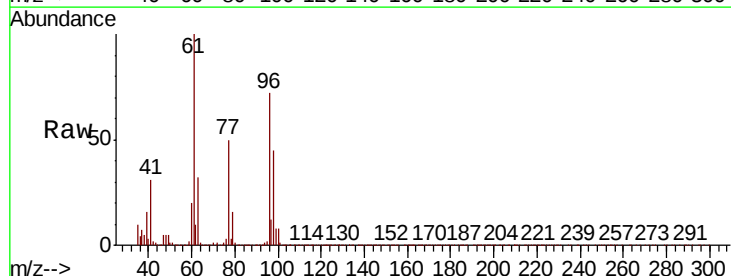
Acq: 17 Dec 2019 20:52

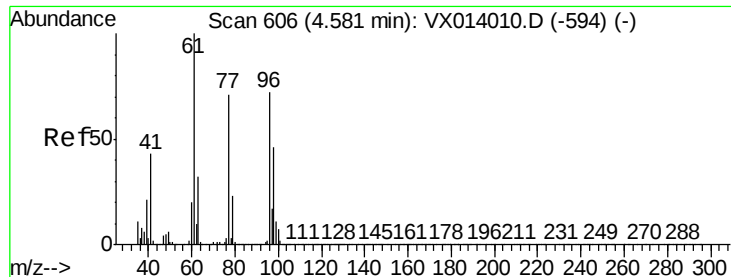
Tgt Ion: 77 Resp: 192488

Ion Ratio Lower Upper

77 100

97 26.9 11.9 35.9



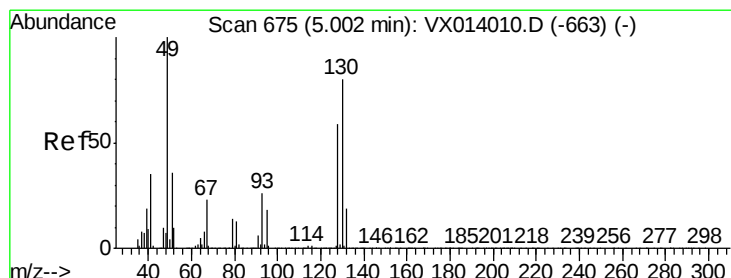
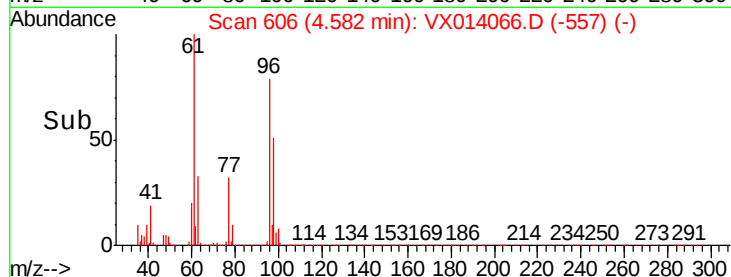
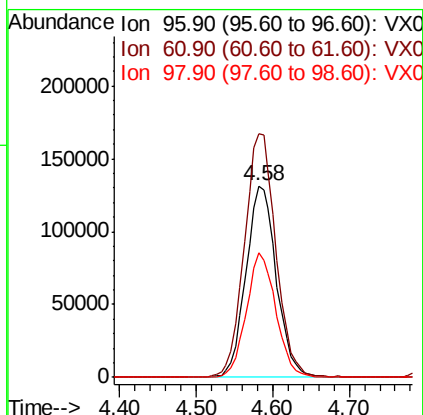
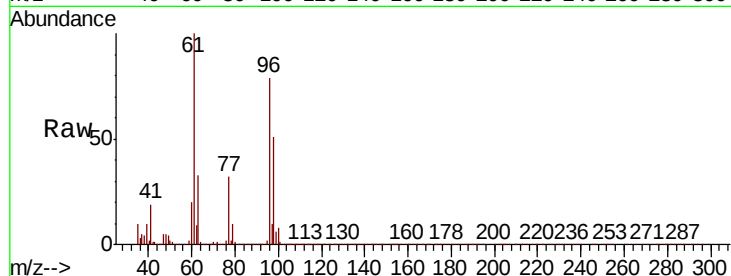


#27

cis-1,2-Dichloroethene
Concen: 59.452 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

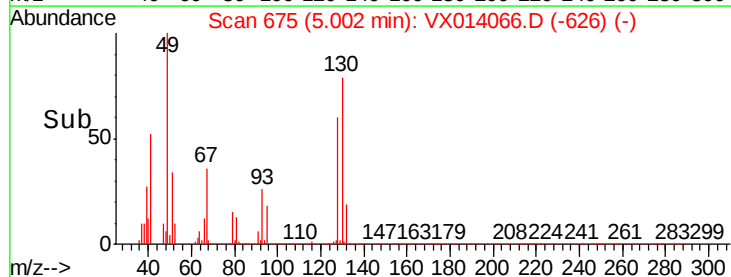
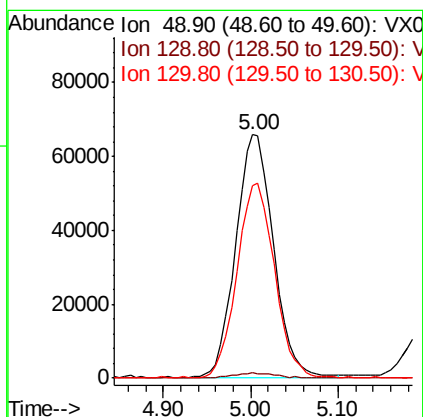
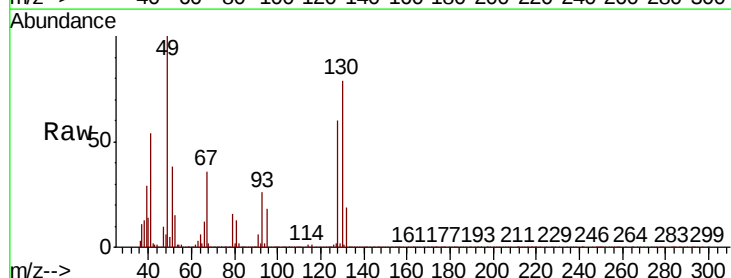
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	288.4
98	63.4	0.0	129.6

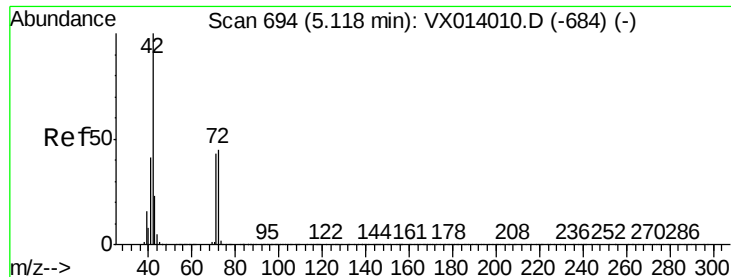


#28

Bromochloromethane
Concen: 52.936 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	79.0	64.6	97.0





#29

Tetrahydrofuran

Concen: 297.215 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

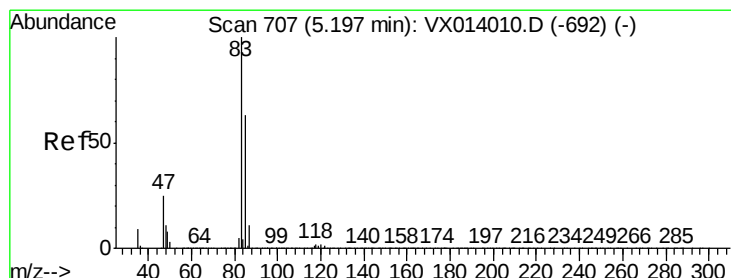
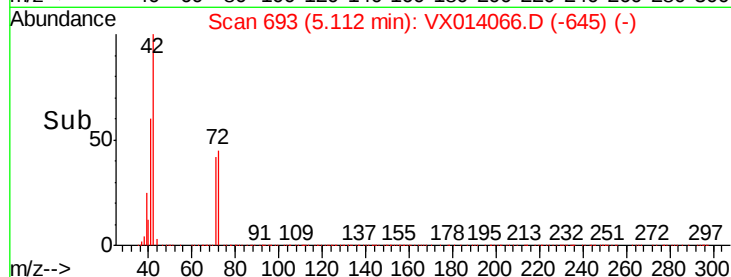
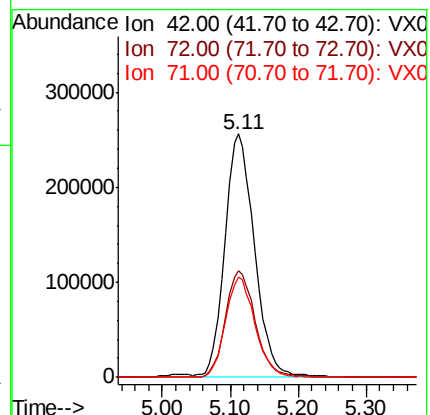
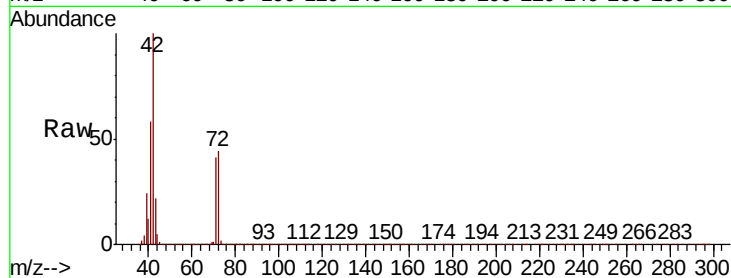
Tot Ion: 42 Resp: 768999

Ion Ratio Lower Upper

42 100

72 44.4 35.8 53.8

71 41.1 33.6 50.4



#30

Chloroform

Concen: 52.308 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014066.D

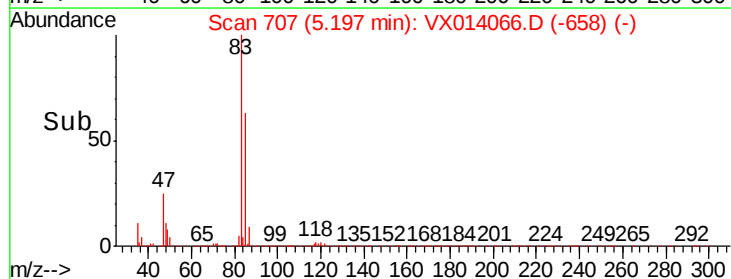
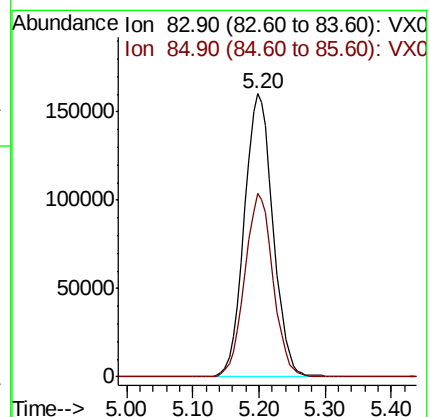
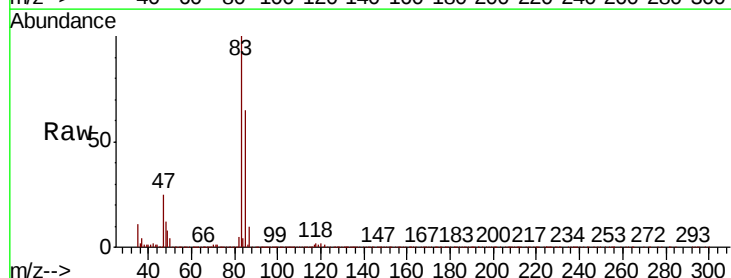
Acq: 17 Dec 2019 20:52

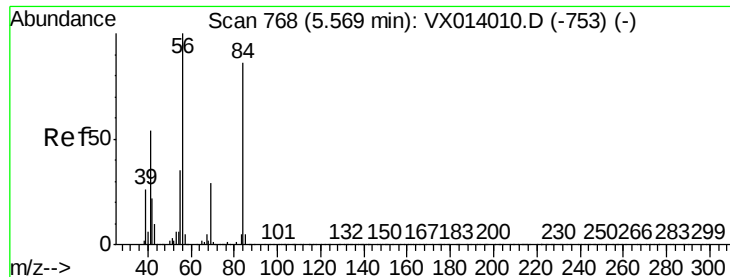
Tgt Ion: 83 Resp: 481488

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

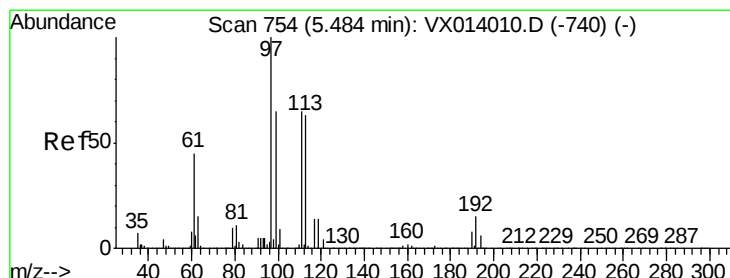
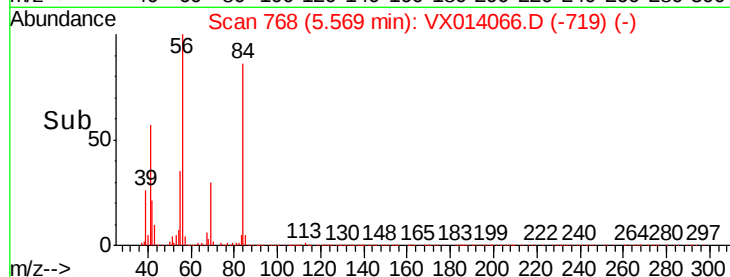
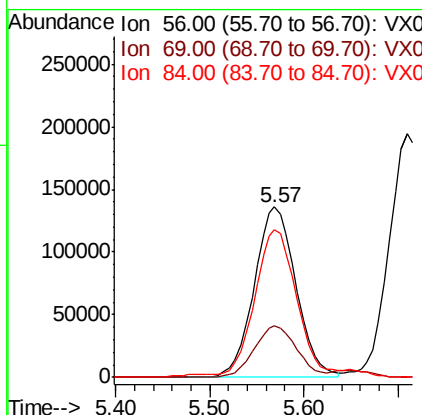
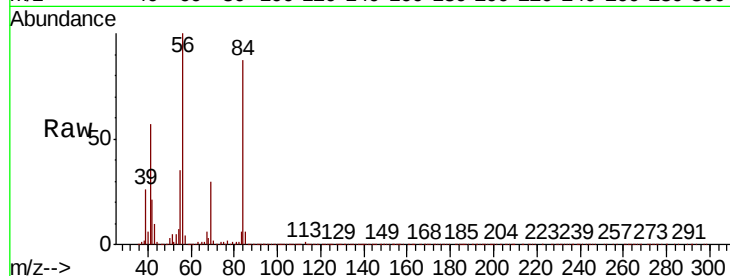




#31
Cyclohexane
Concen: 48.578 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

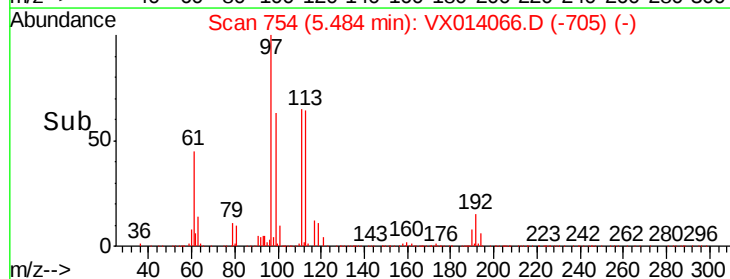
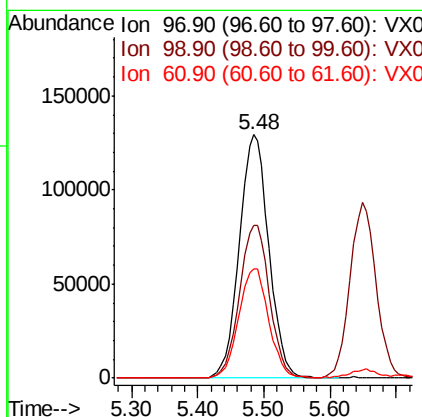
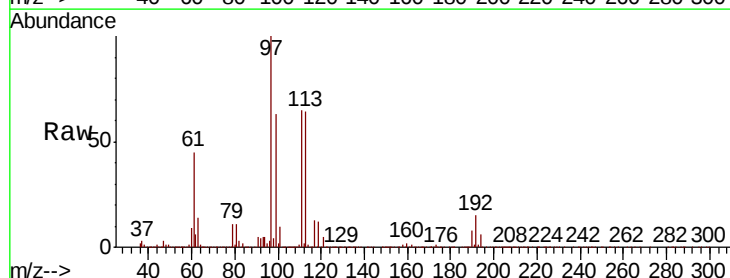
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion: 56 Resp: 419524
Ion Ratio Lower Upper
56 100
69 30.1 23.2 34.8
84 84.9 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.772 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 97 Resp: 398309
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 45.7 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.627 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

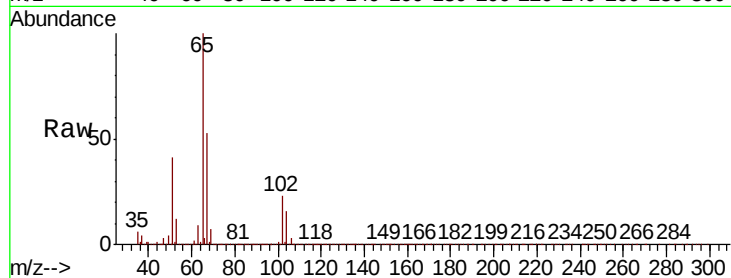
MW202D-20191207MSD

Tot Ion: 65 Resp: 286810

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

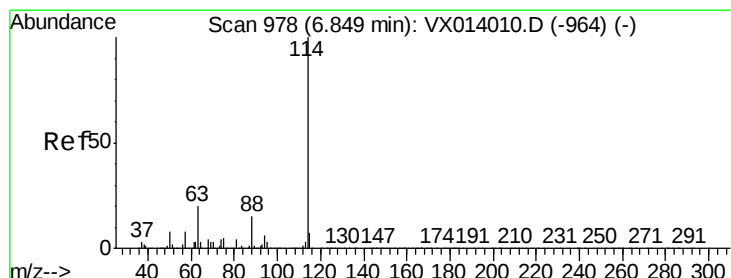
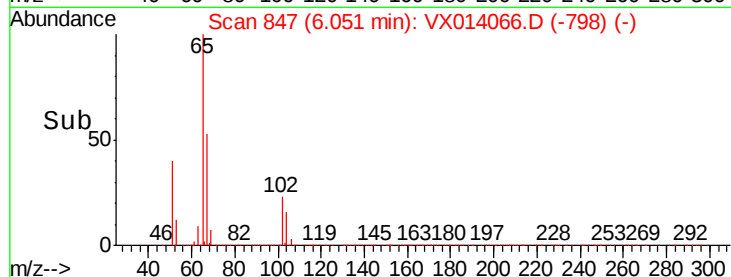
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

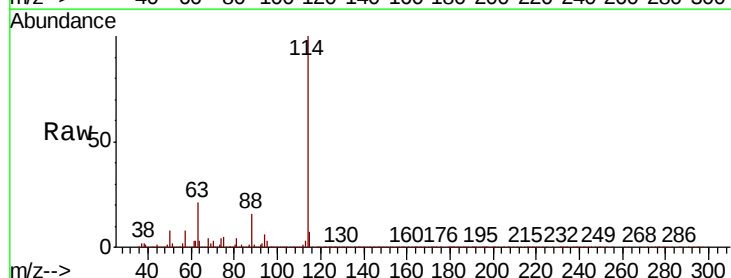
Tgt Ion: 114 Resp: 809306

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

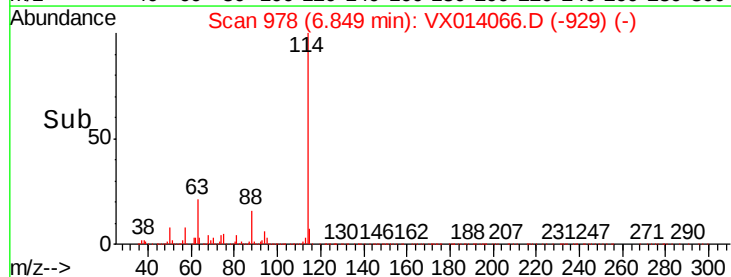
300000

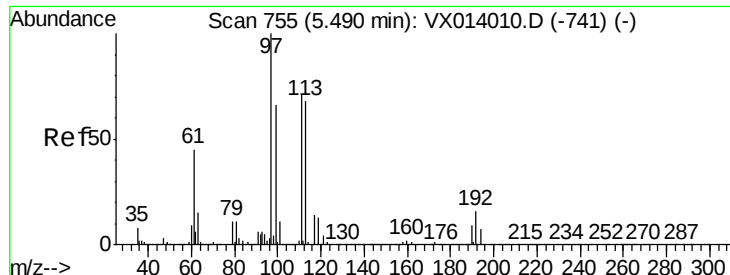
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

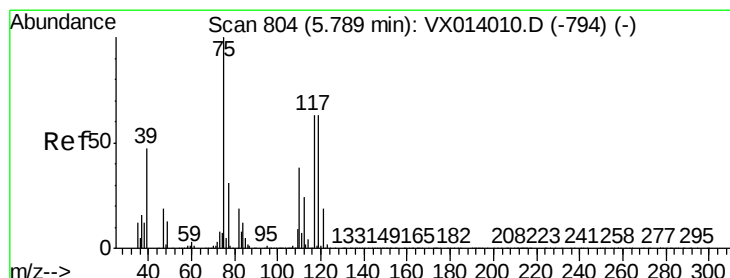
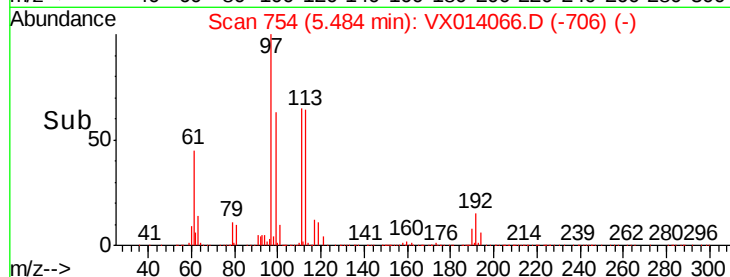
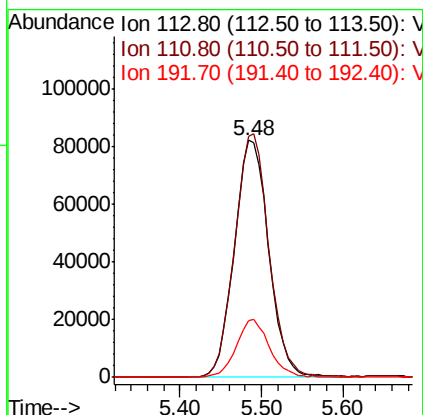
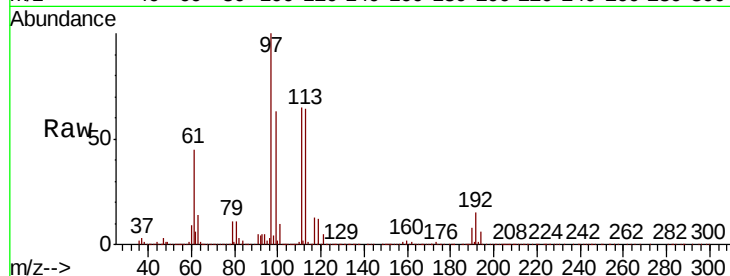




#35
 Dibromofluoromethane
 Concen: 48.763 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

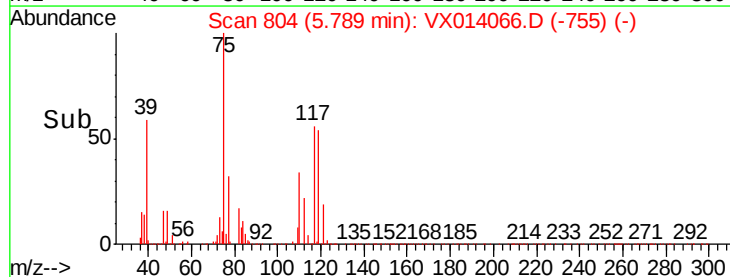
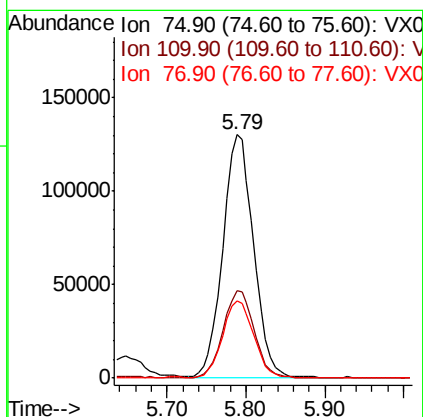
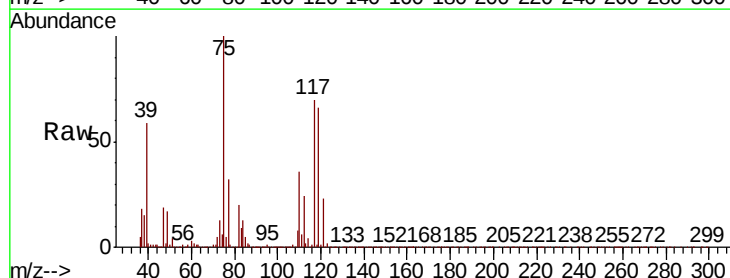
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.2	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 47.398 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.3	54.9
77	32.4	24.8	37.2

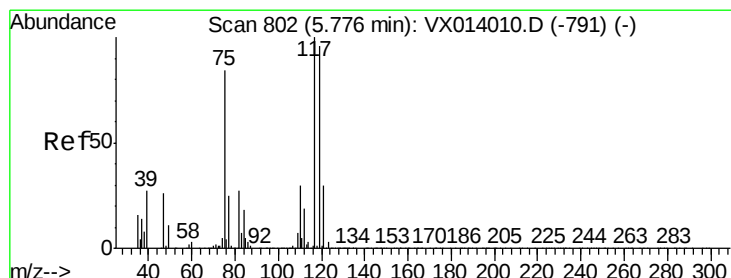
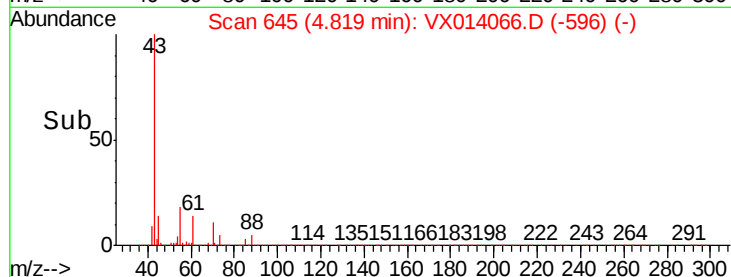
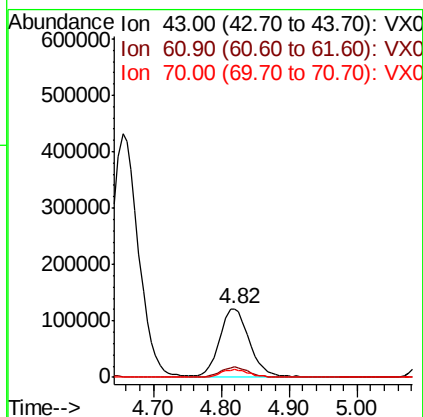
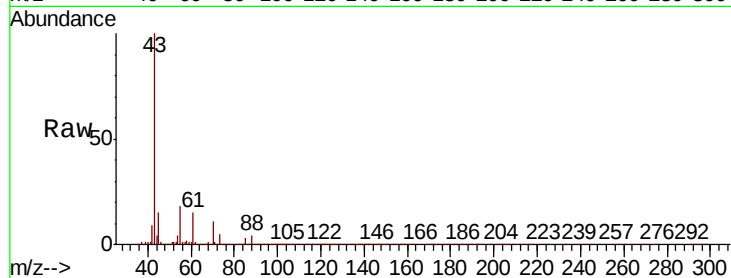




#37
Ethyl Acetate
Concen: 45.229 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

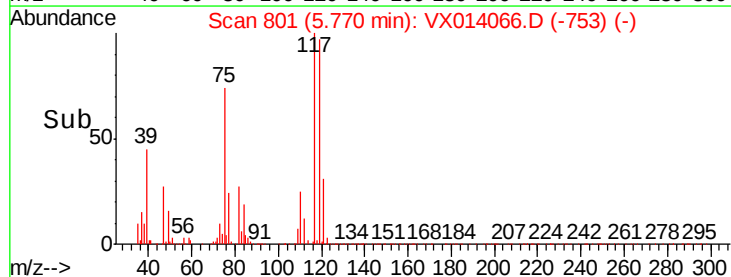
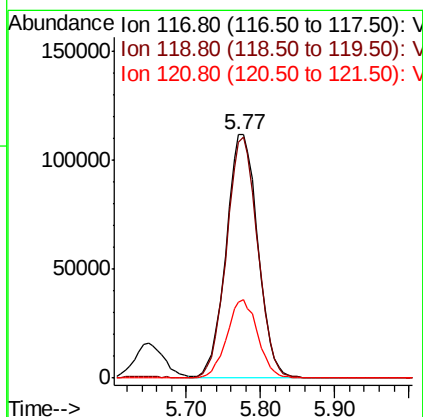
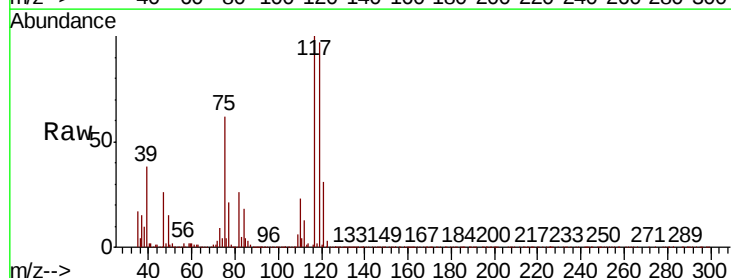
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

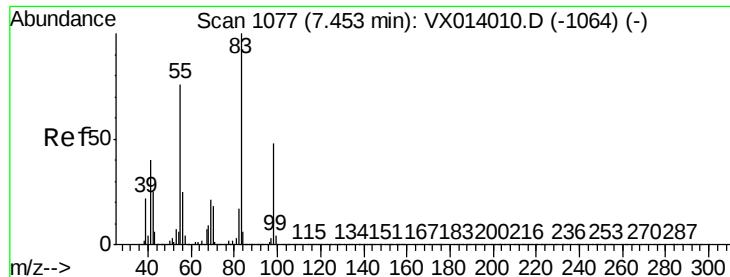
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.394 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.4
121	31.1	23.6	35.4

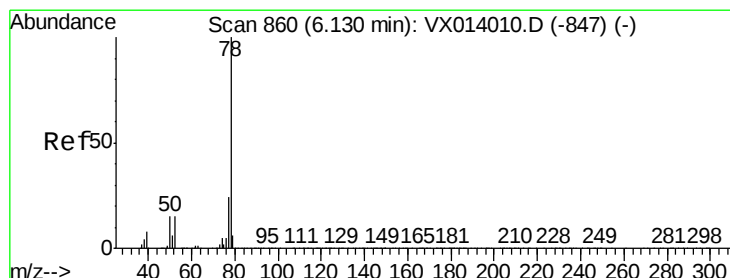
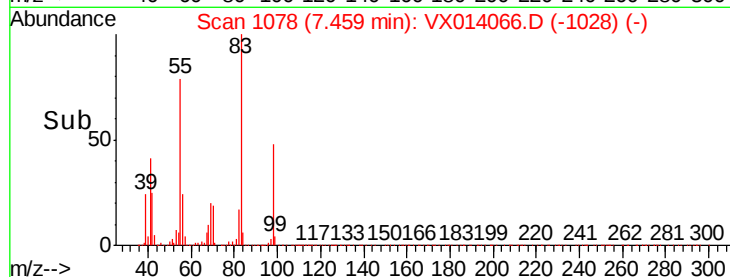
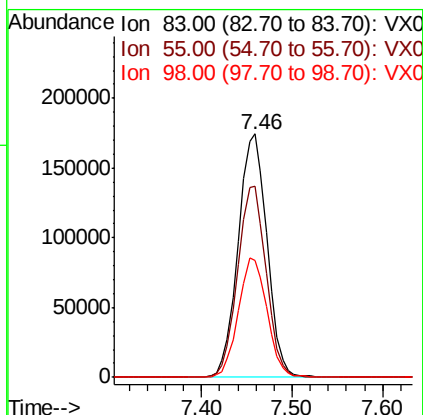
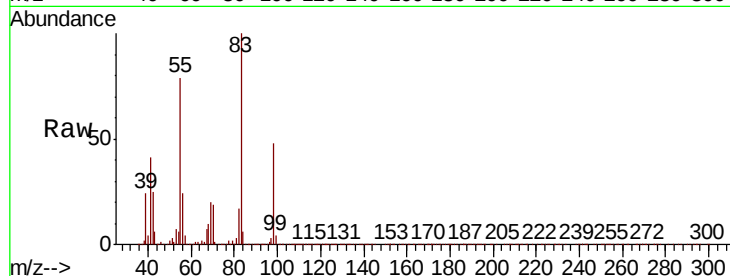




#39
Methylvlcvclohexane
Concen: 42.023 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

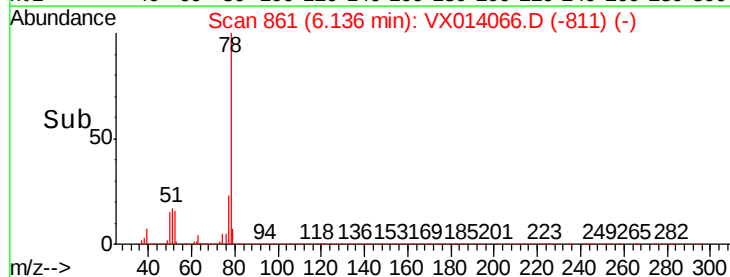
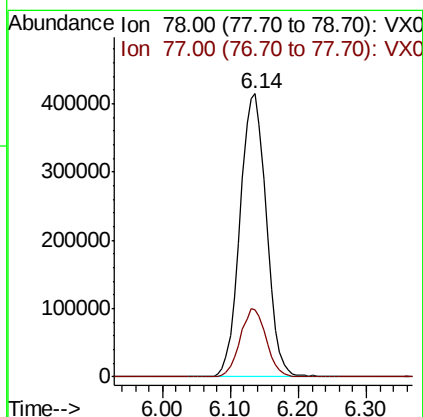
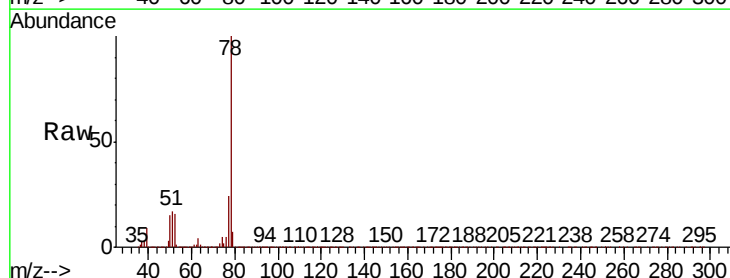
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.0	91.6
98	47.8	38.6	57.8



#40
Benzene
Concen: 48.771 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41

Methacrylonitrile

Concen: 54.422 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 41 Resp: 247614

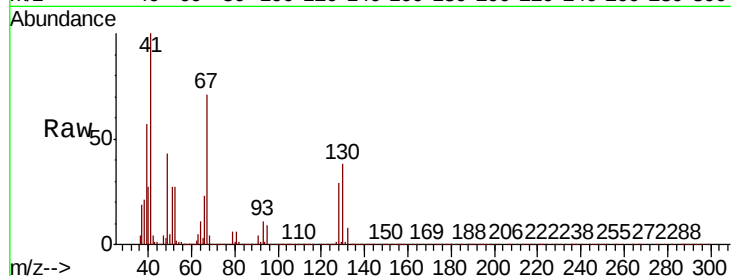
Ion Ratio Lower Upper

41 100

39 55.5 44.5 66.7

67 70.9 57.4 86.0

52 26.9 23.0 34.4

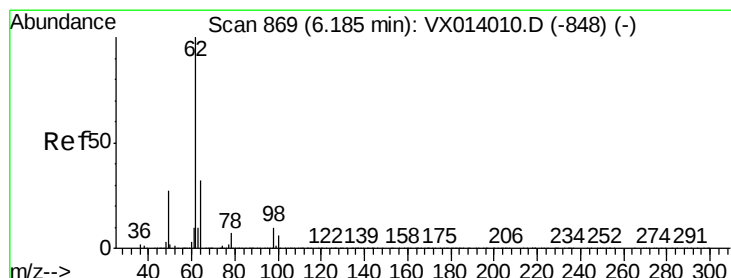
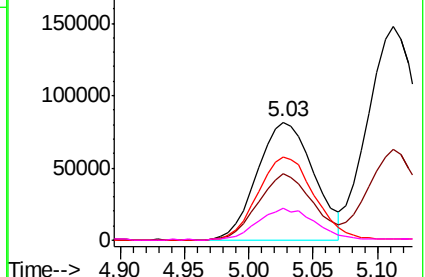
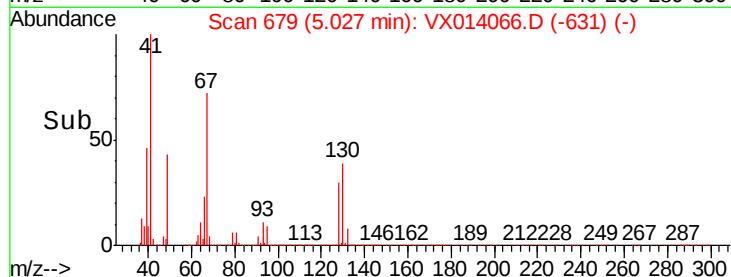


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.290 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014066.D

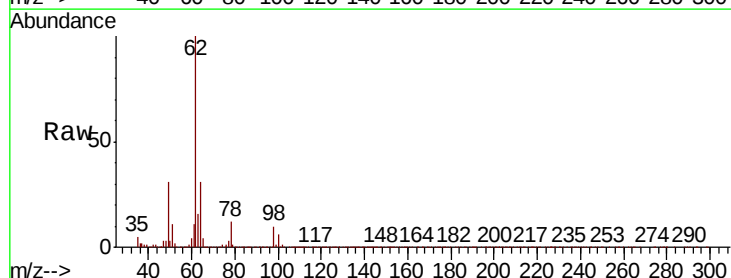
Acq: 17 Dec 2019 20:52

Tgt Ion: 62 Resp: 389504

Ion Ratio Lower Upper

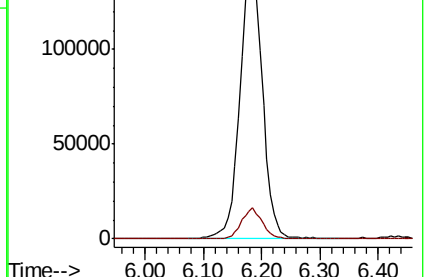
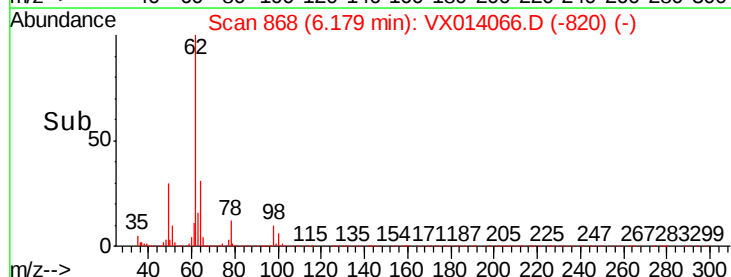
62 100

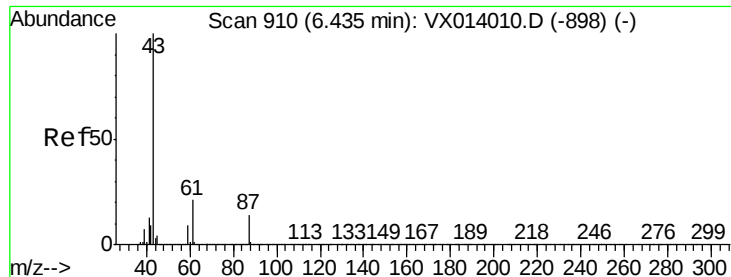
98 10.0 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



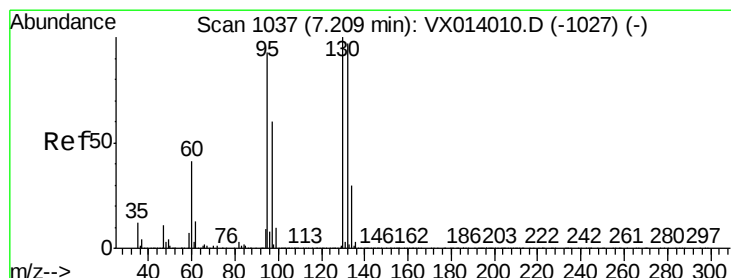
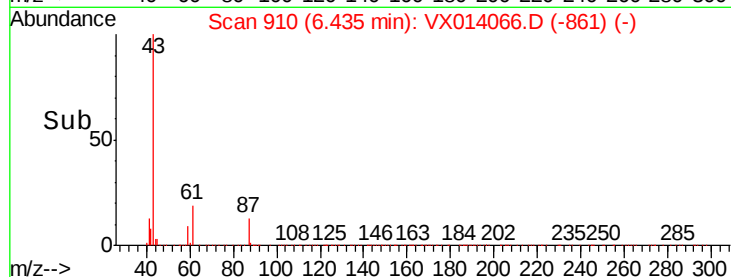
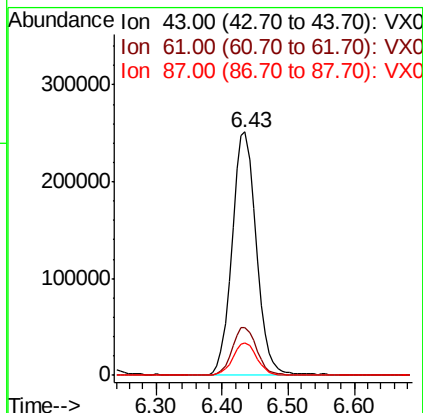
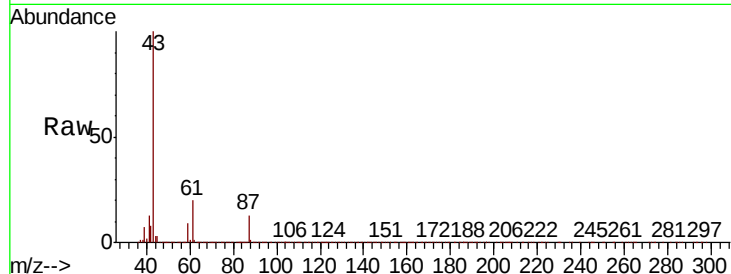


#43

Isopropyl Acetate
 Concen: 46.986 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

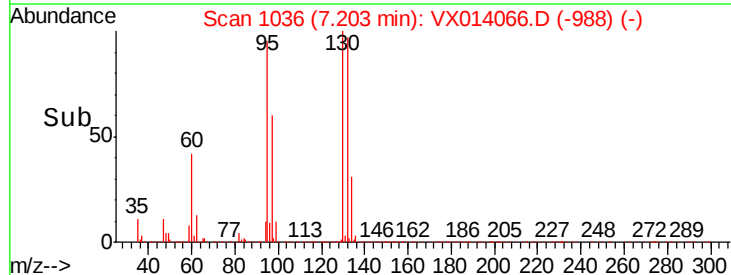
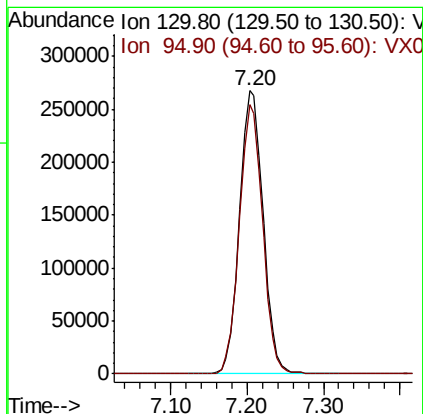
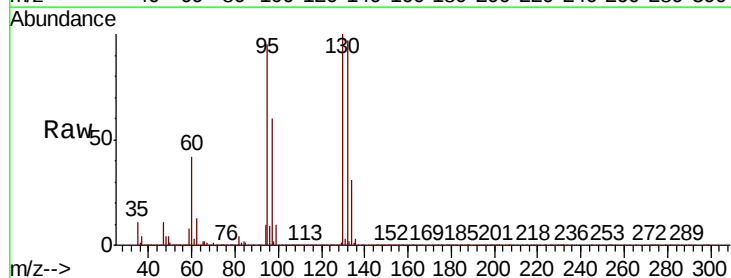
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.4	24.6
87	13.1	10.7	16.1

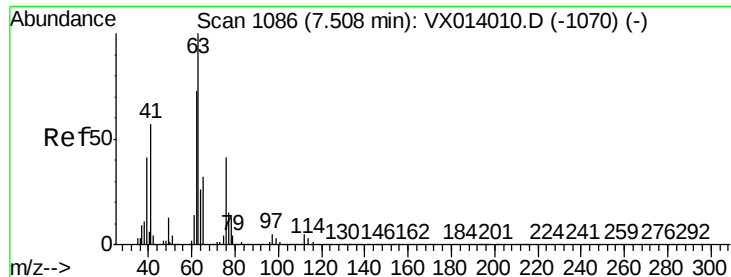


#44

Trichloroethene
 Concen: 90.923 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.733 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

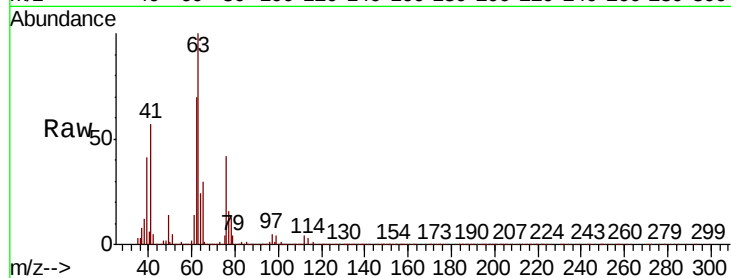
MW202D-20191207MSD

Tot Ion: 63 Resp: 297103

Ion Ratio Lower Upper

63 100

65 30.3 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

150000

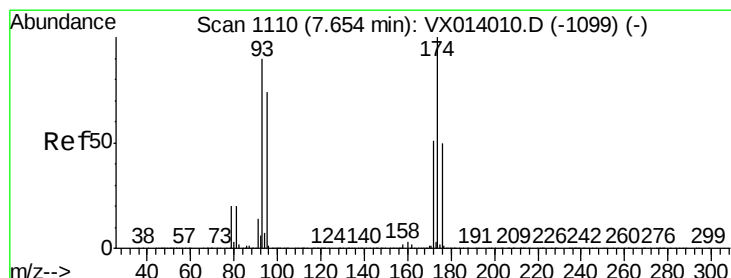
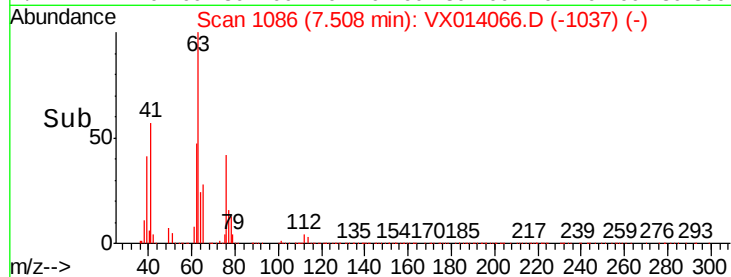
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 48.875 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

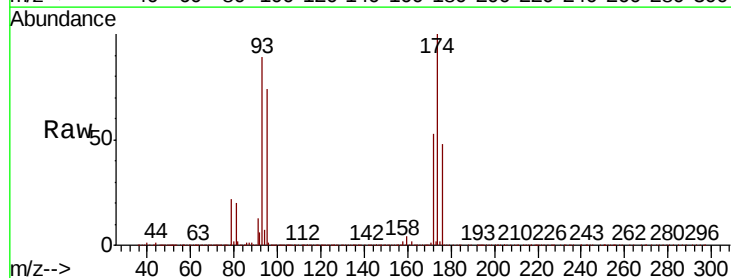
Tgt Ion: 93 Resp: 189237

Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 113.8 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

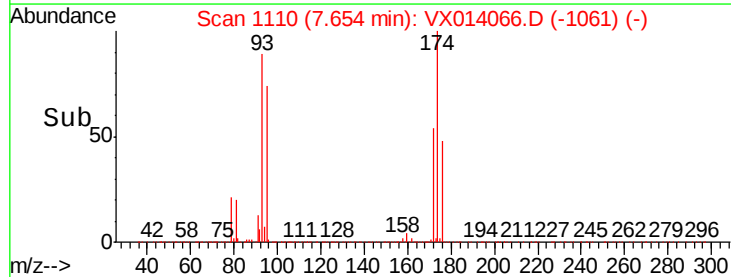
100000

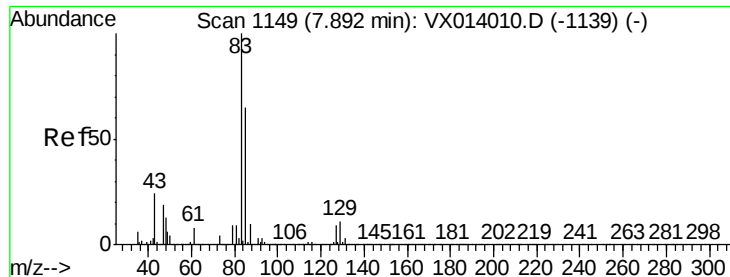
50000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 50.795 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

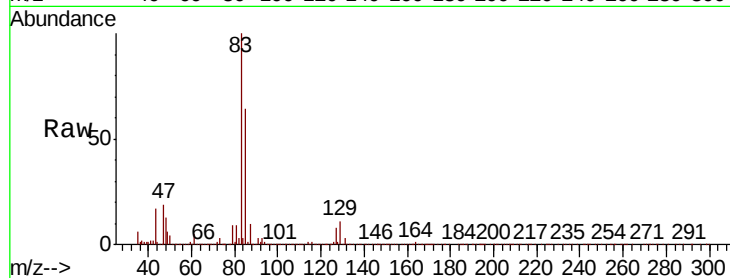
Tot Ion: 83 Resp: 370400

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8

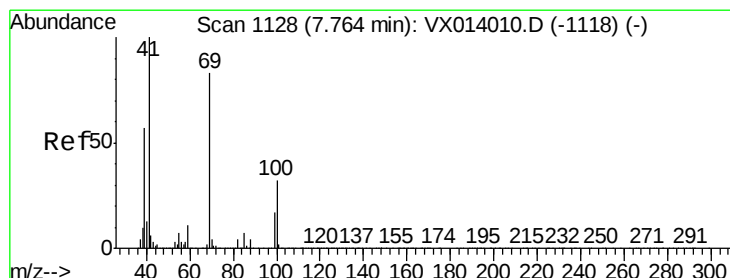
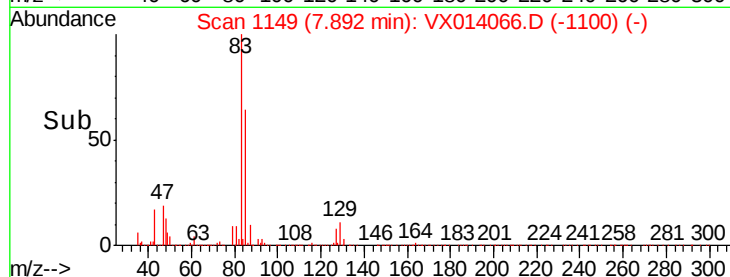
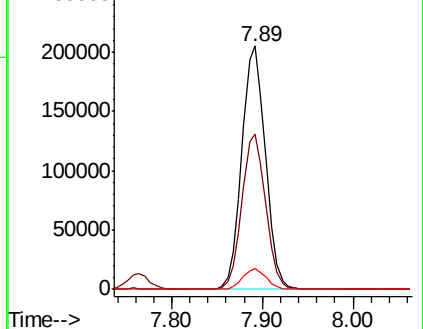
127 8.5 7.0 10.4



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: 53.724 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

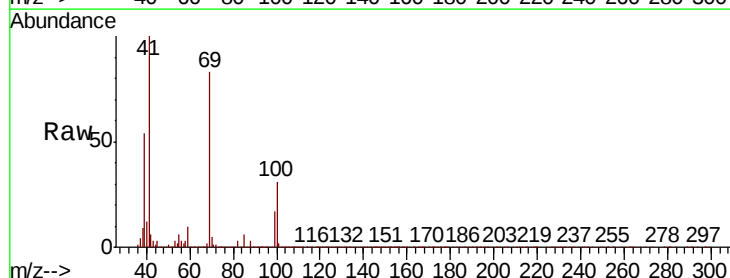
Tgt Ion: 41 Resp: 357013

Ion Ratio Lower Upper

41 100

69 81.3 65.8 98.6

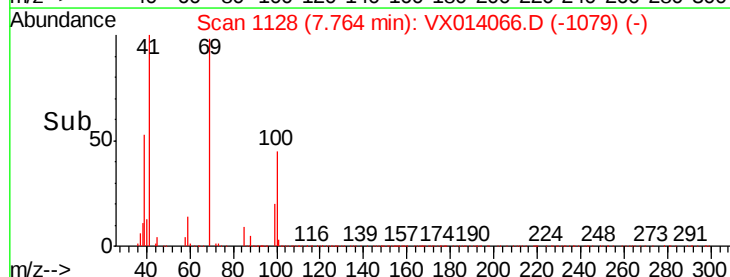
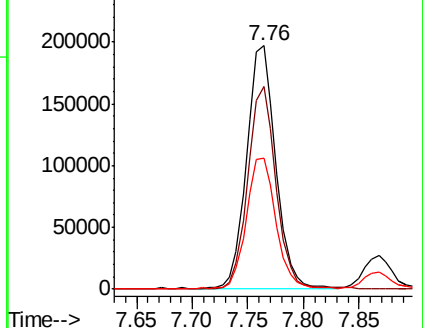
39 54.7 44.6 67.0

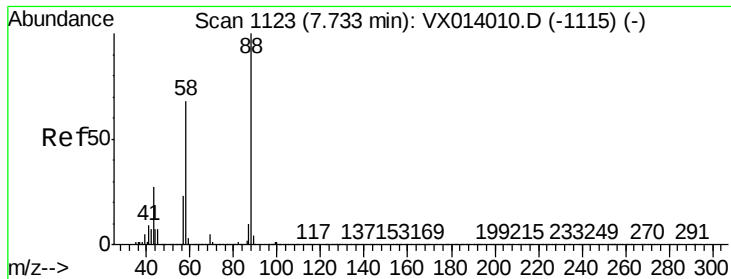


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1198.862 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

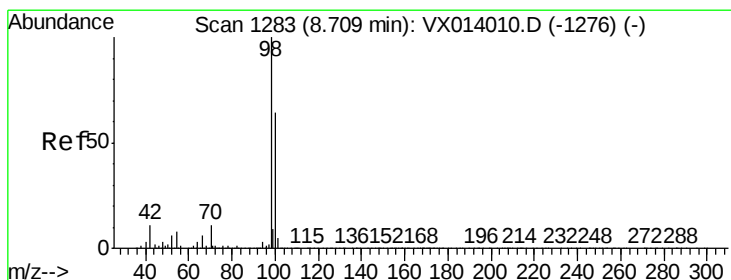
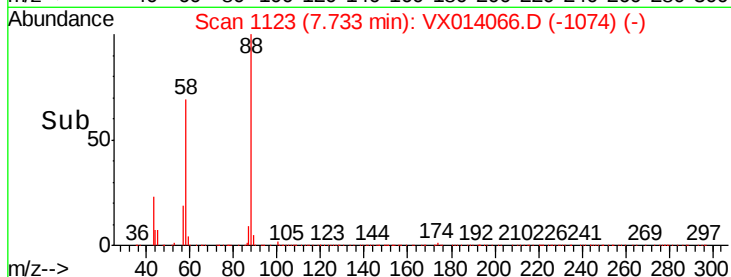
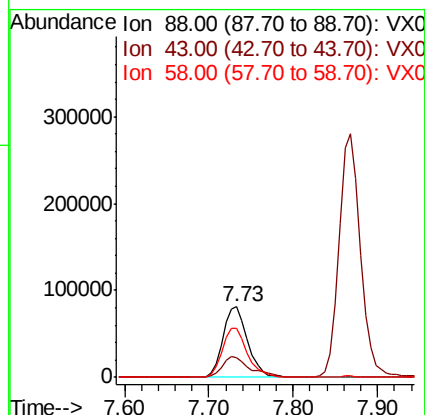
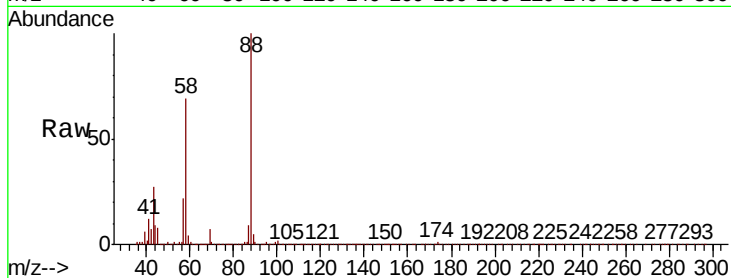
Tot Ion: 88 Resp: 162127

Ion Ratio Lower Upper

88 100

43 32.7 26.5 39.7

58 70.5 56.8 85.2



#50

Toluene-d8

Concen: 47.663 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014066.D

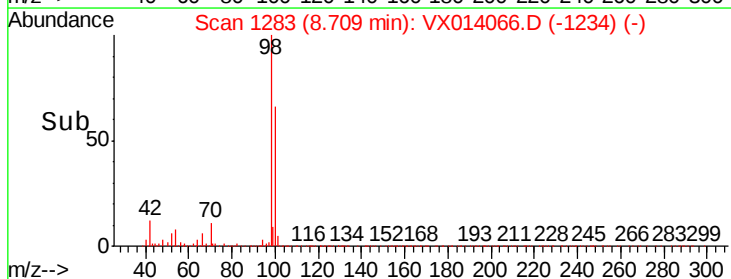
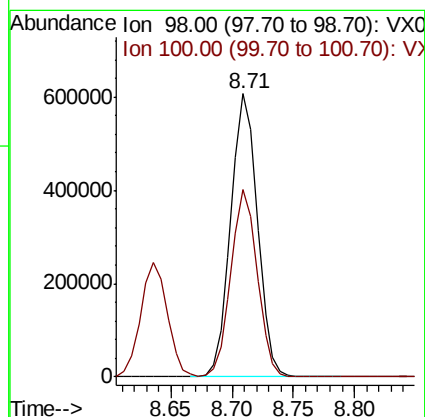
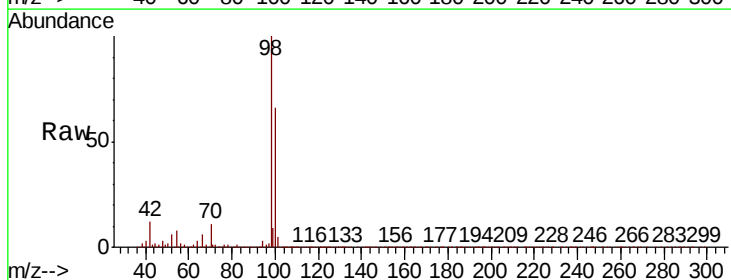
Acq: 17 Dec 2019 20:52

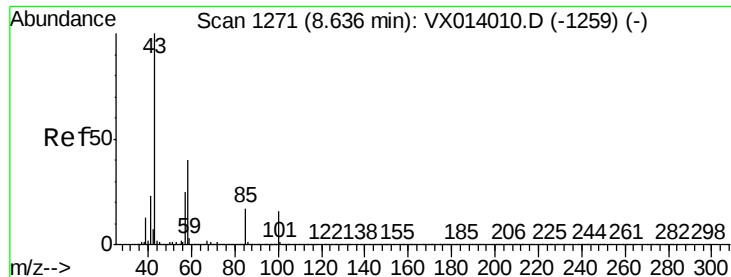
Tgt Ion: 98 Resp: 912918

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 273.319 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

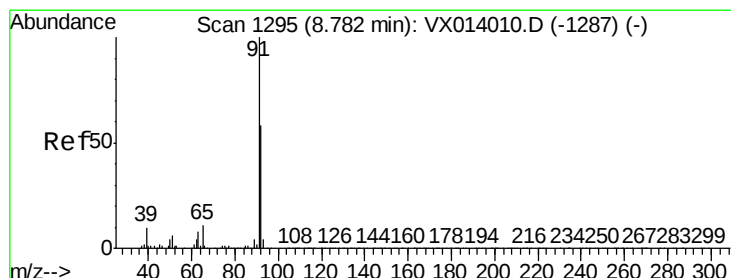
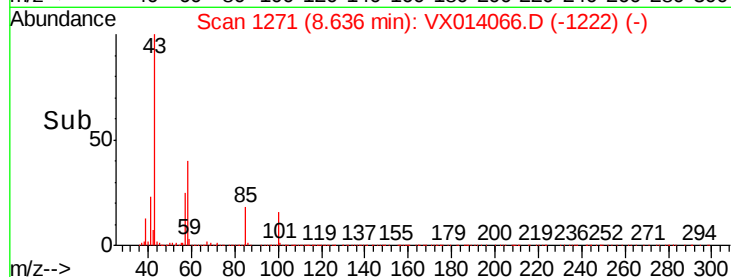
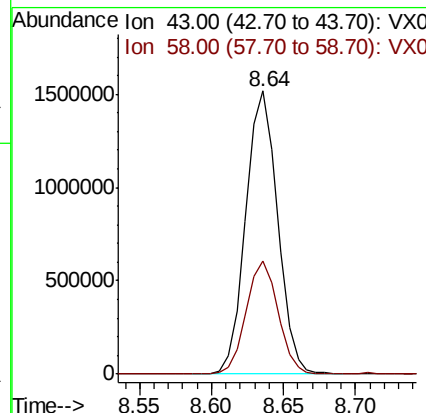
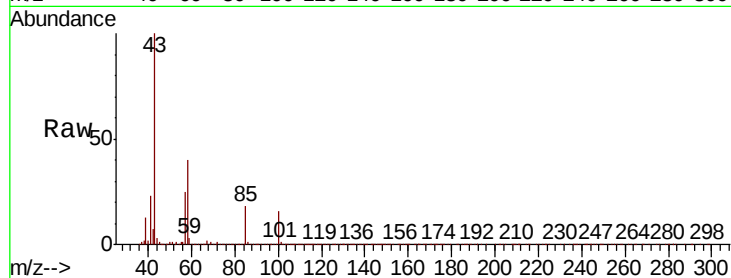
MW202D-20191207MSD

Tot Ion: 43 Resp: 2329442

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 47.980 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014066.D

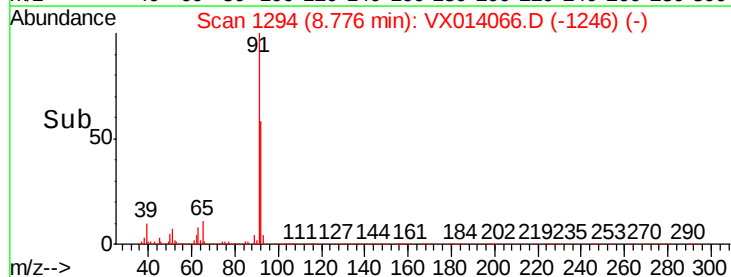
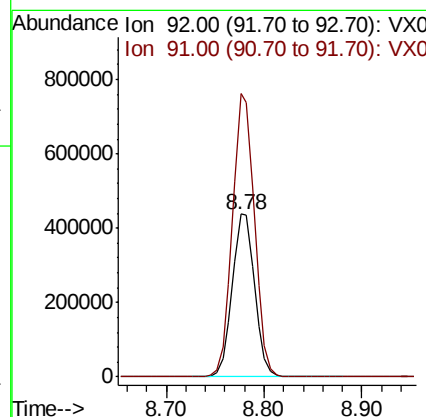
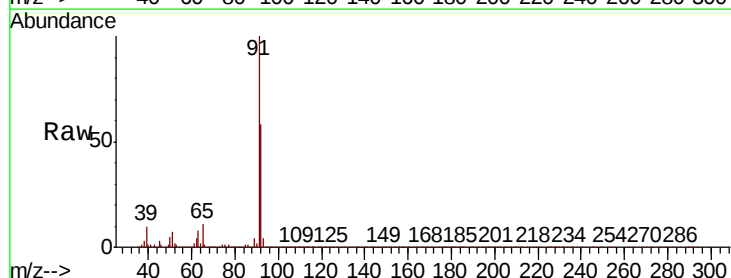
Acq: 17 Dec 2019 20:52

Tgt Ion: 92 Resp: 692924

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 46.634 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

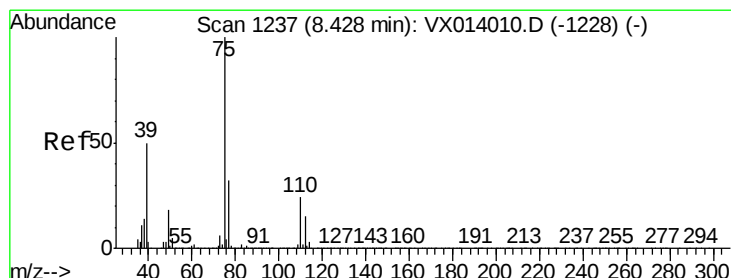
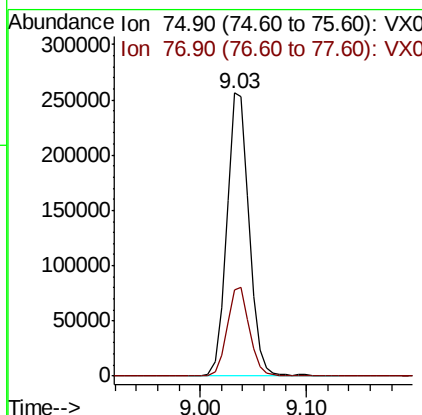
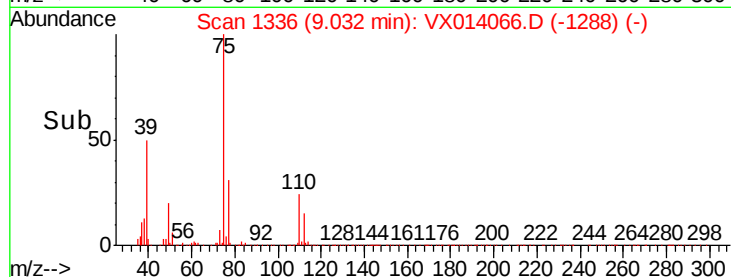
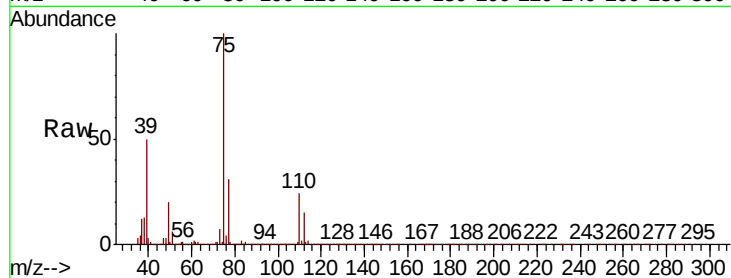
MW202D-20191207MSD

Tot Ion: 75 Resp: 372879

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 46.072 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

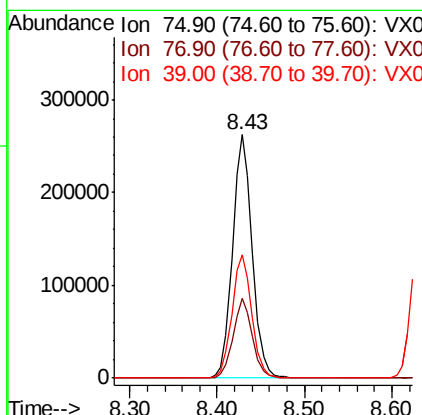
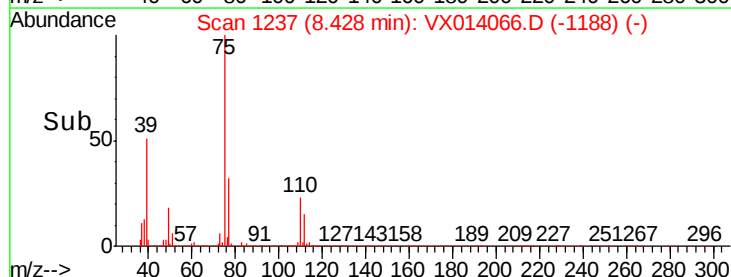
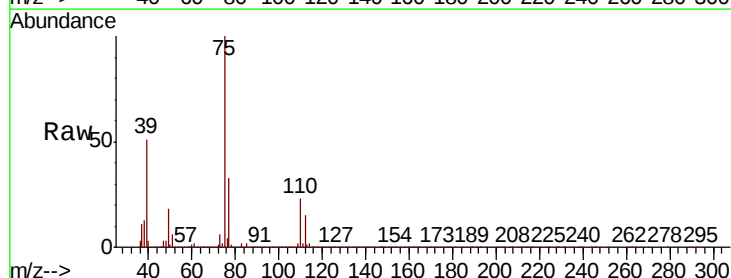
Tgt Ion: 75 Resp: 410403

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 50.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.202 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 97 Resp: 284787

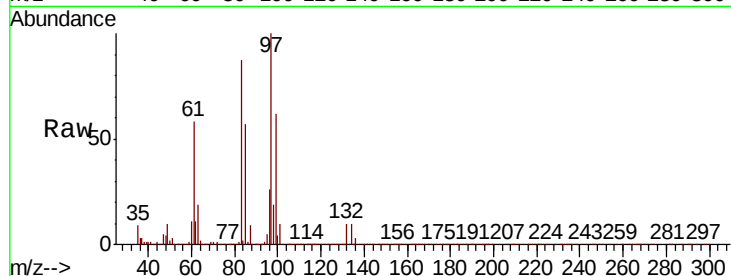
Ion Ratio Lower Upper

97 100

83 86.9 68.2 102.4

85 56.6 44.6 66.8

99 62.4 51.4 77.0

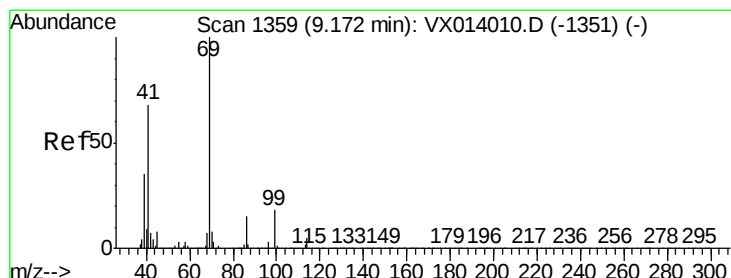
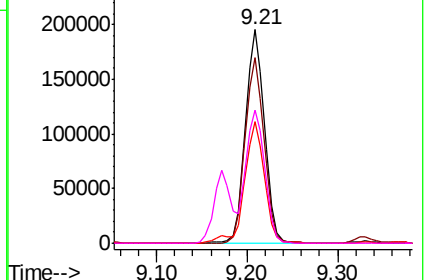
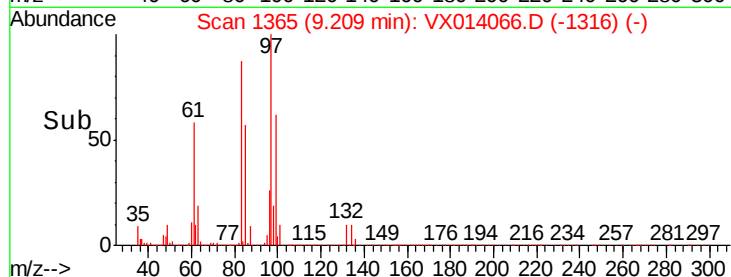


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.783 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

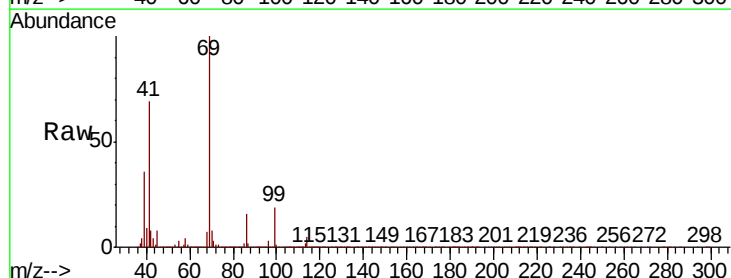
Tgt Ion: 69 Resp: 470819

Ion Ratio Lower Upper

69 100

41 68.3 54.8 82.2

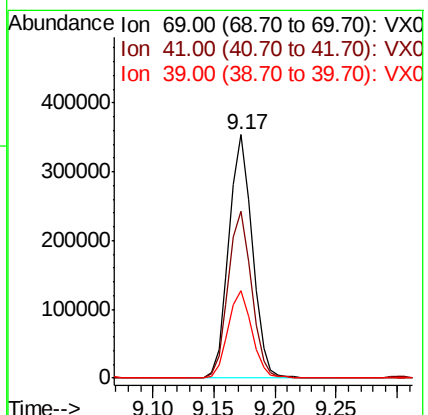
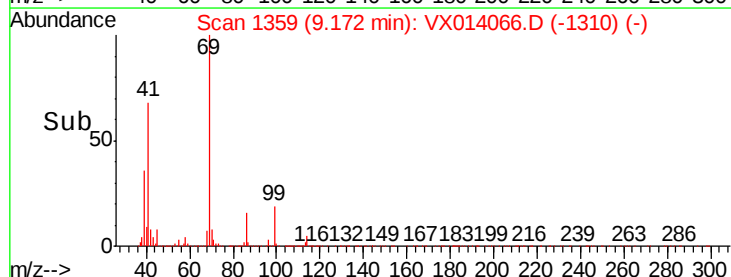
39 36.1 28.3 42.5

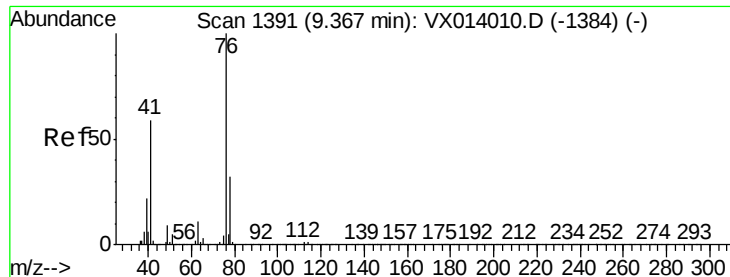


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.264 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

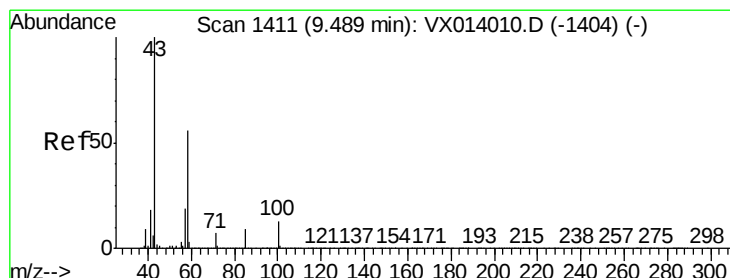
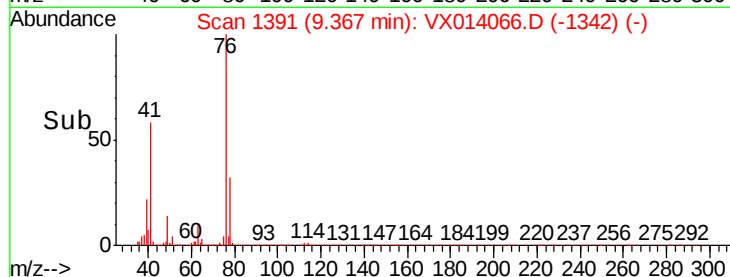
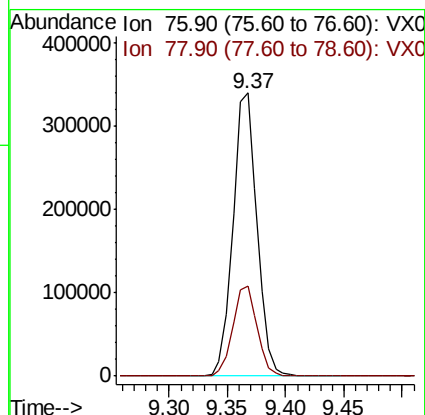
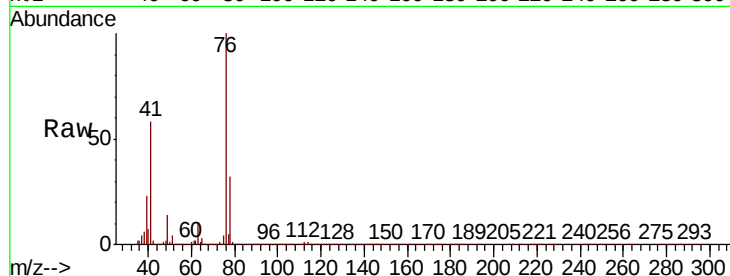
MW202D-20191207MSD

Tot Ion: 76 Resp: 489496

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#59

2-Hexanone

Concen: 263.303 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014066.D

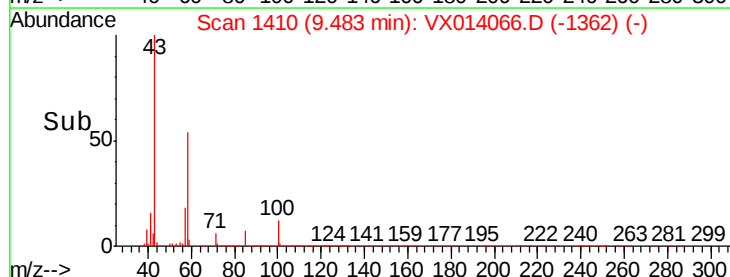
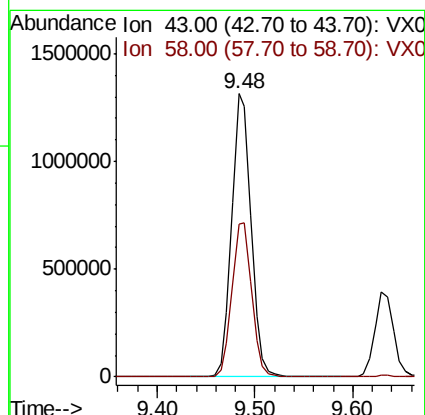
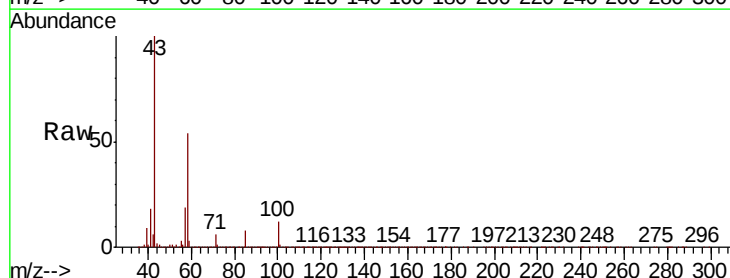
Acq: 17 Dec 2019 20:52

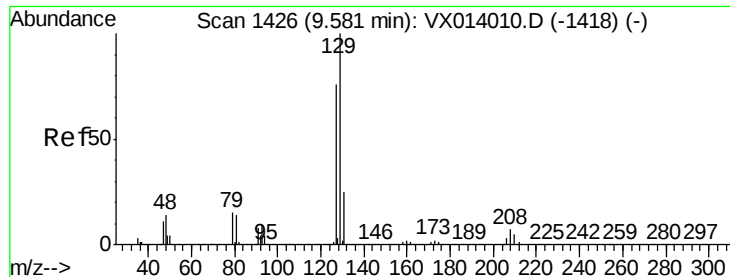
Tgt Ion: 43 Resp: 1806493

Ion Ratio Lower Upper

43 100

58 55.7 28.0 84.0





#60

Dibromochloromethane

Concen: 51.642 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

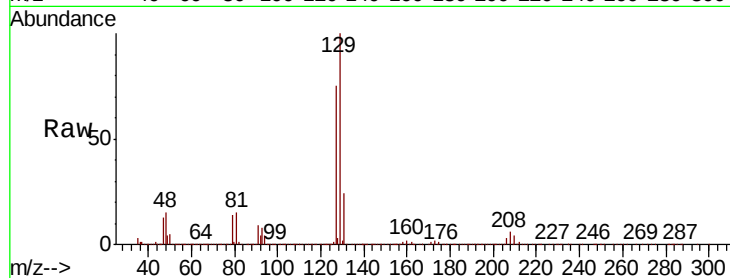
MW202D-20191207MSD

Tot Ion:129 Resp: 297116

Ion Ratio Lower Upper

129 100

127 77.9 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

200000

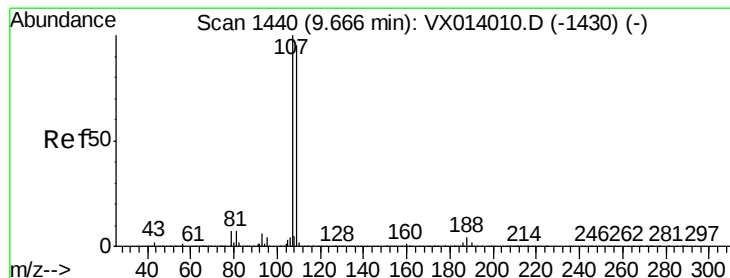
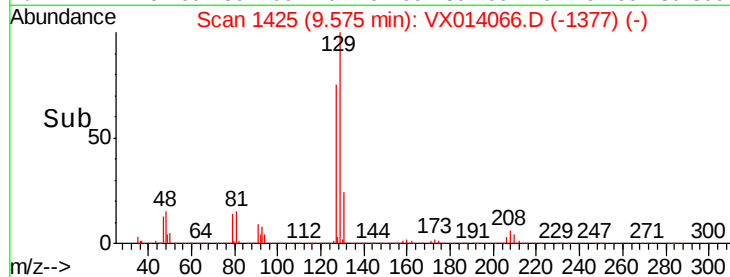
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.902 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014066.D

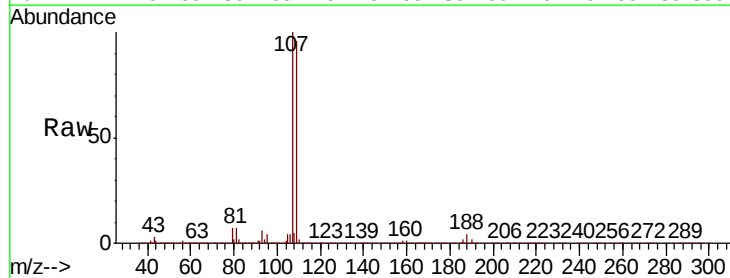
Acq: 17 Dec 2019 20:52

Tgt Ion:107 Resp: 301448

Ion Ratio Lower Upper

107 100

109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

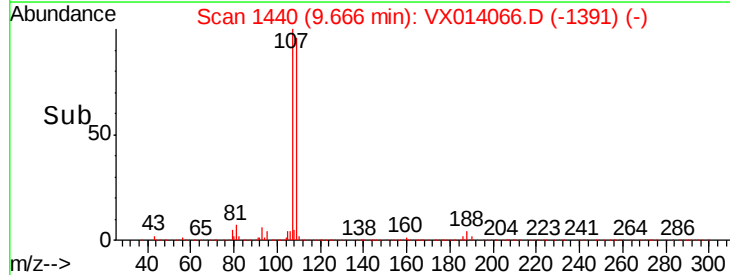
150000

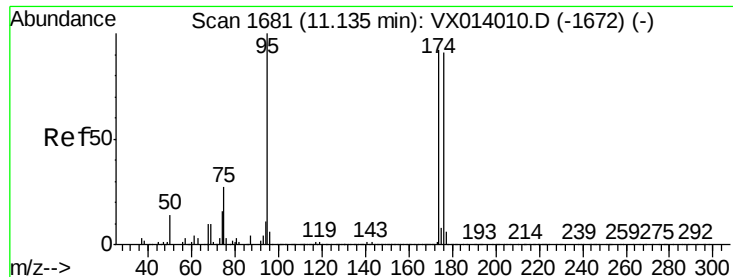
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.936 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

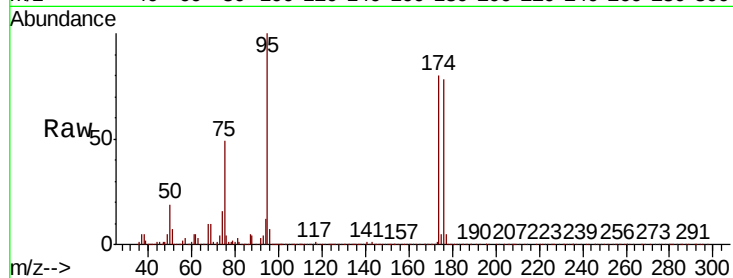
Tot Ion: 95 Resp: 314617

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

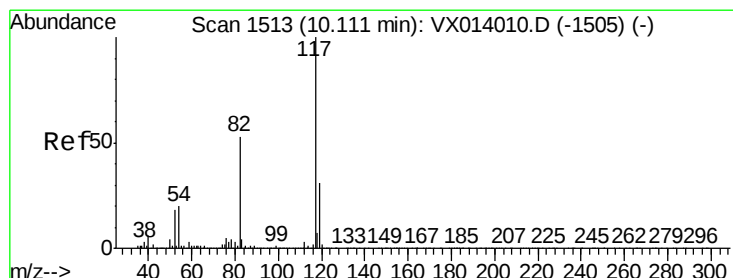
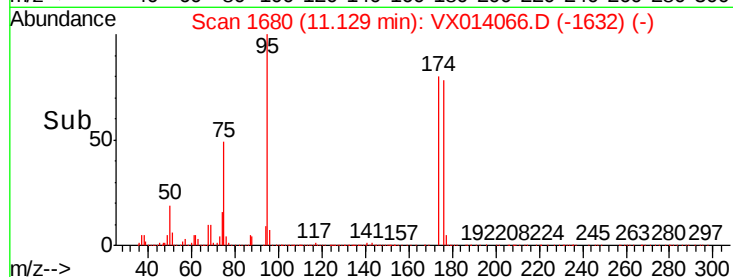
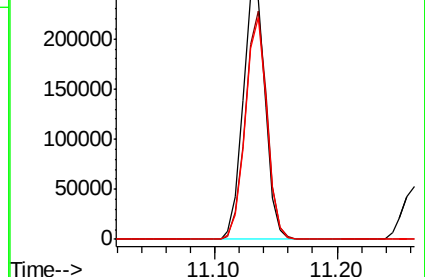
176 86.1 0.0 173.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

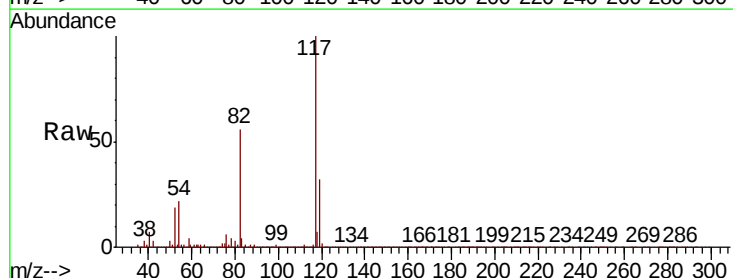
Tgt Ion: 117 Resp: 732965

Ion Ratio Lower Upper

117 100

82 56.2 42.2 63.4

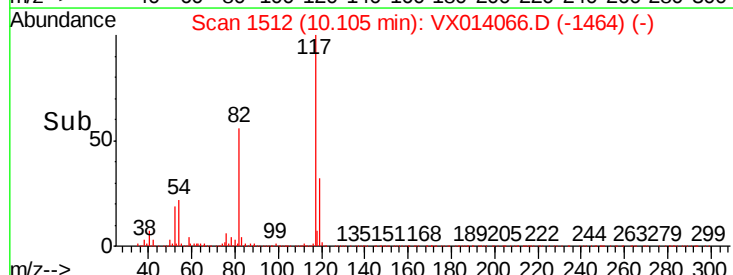
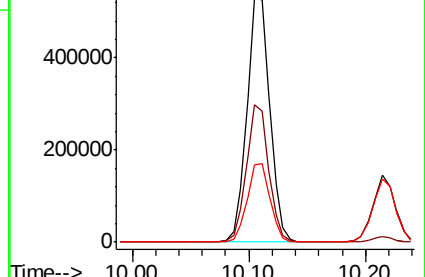
119 31.8 25.1 37.7

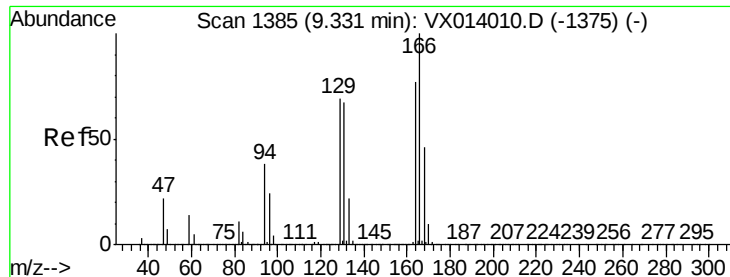


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

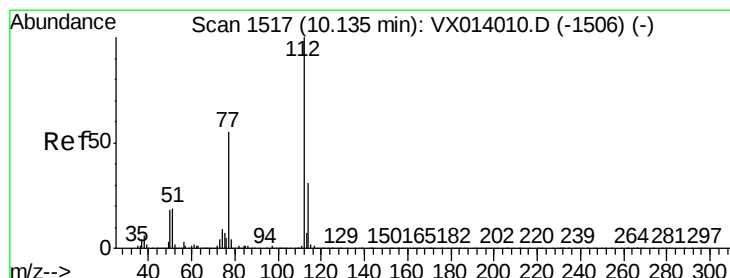
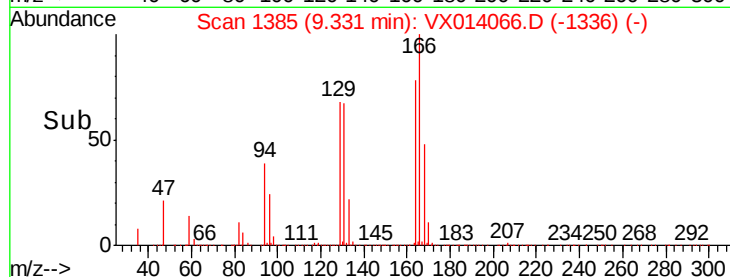
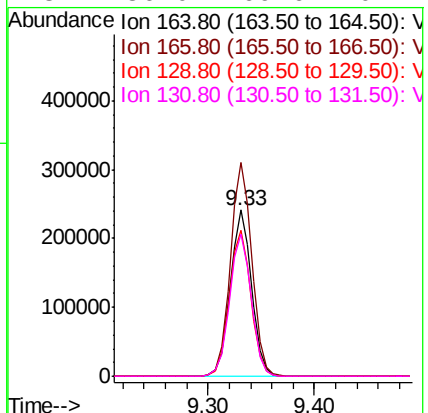
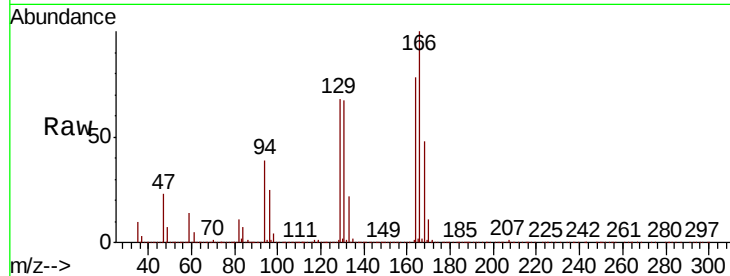




#64
Tetrachloroethene
Concen: 52.058 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

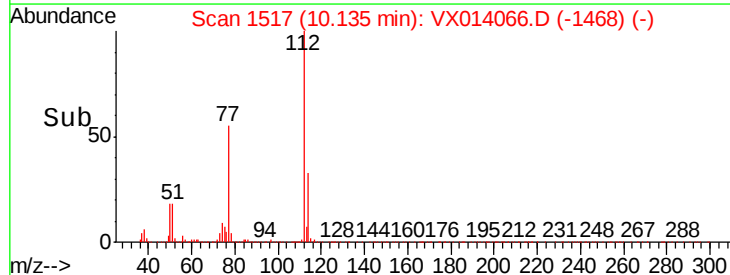
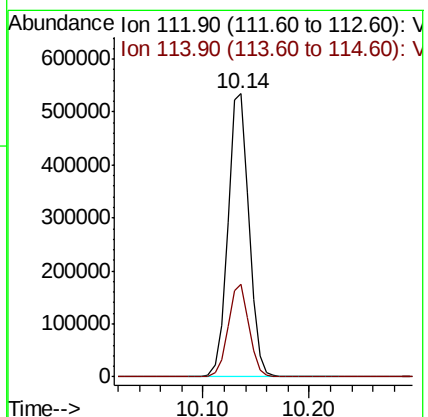
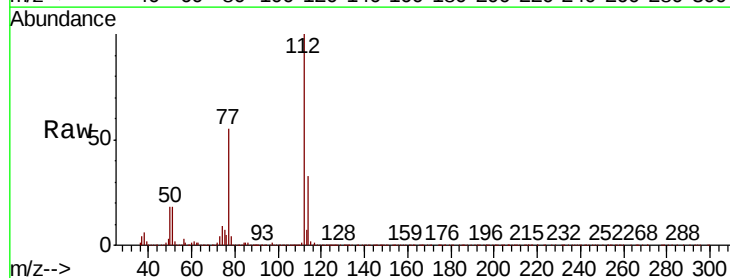
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

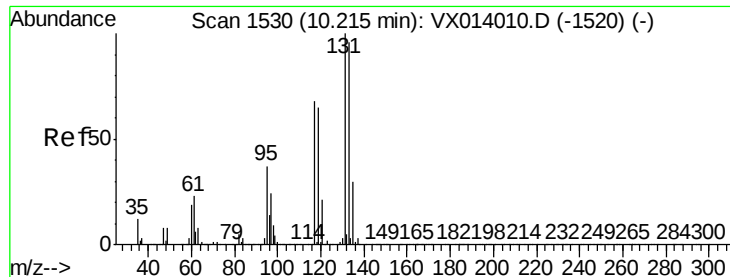
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.0	156.0
129	87.7	72.2	108.4
131	86.0	69.6	104.4



#65
Chlorobenzene
Concen: 47.384 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.9	37.3

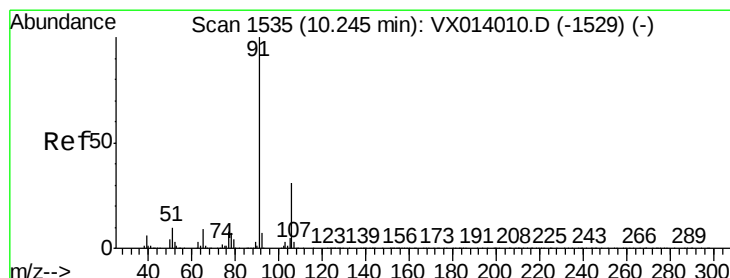
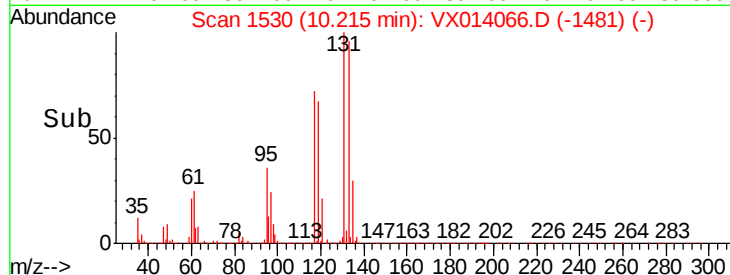
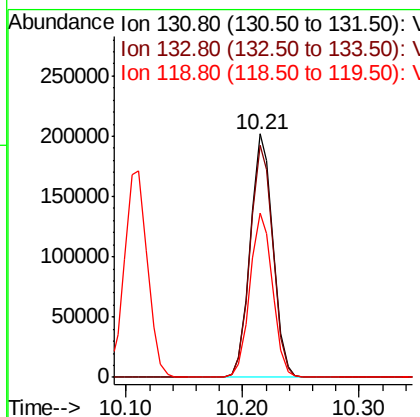
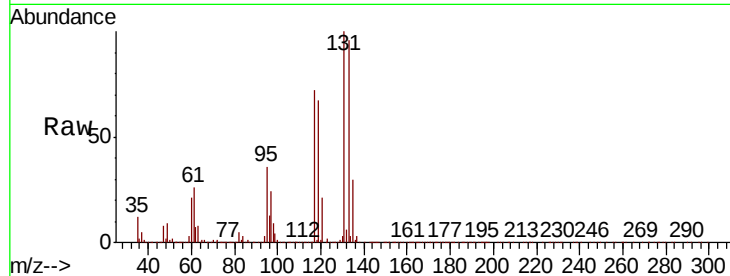




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.439 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

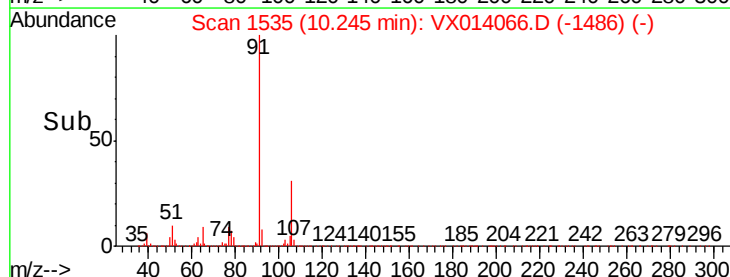
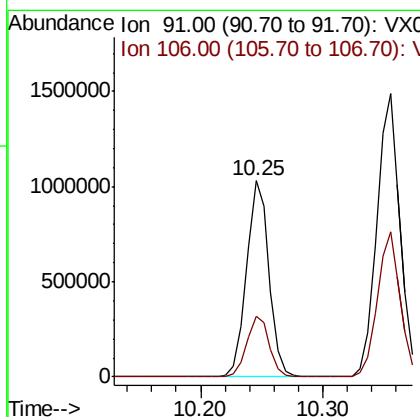
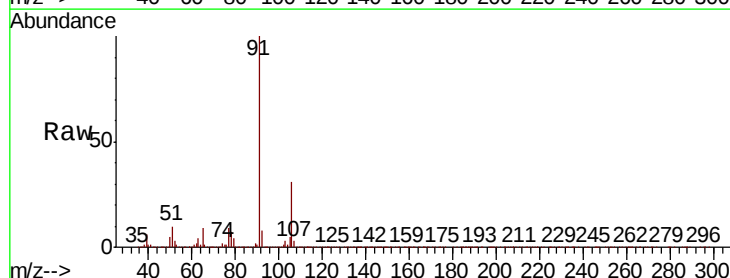
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

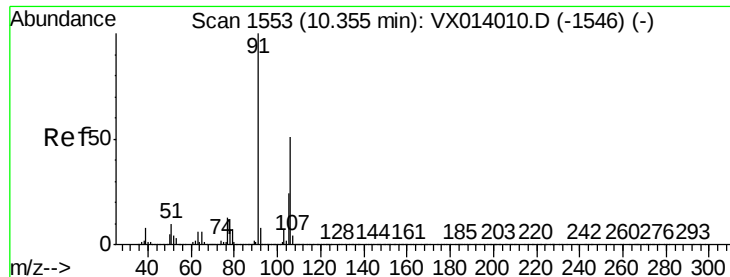
Tot Ion:131 Resp: 275109
 Ion Ratio Lower Upper
 131 100
 133 96.0 48.0 144.0
 119 66.9 33.4 100.2



#67
 Ethyl Benzene
 Concen: 48.827 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion: 91 Resp: 1308252
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.0 37.6





#68

m/p-Xylenes

Concen: 96.025 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

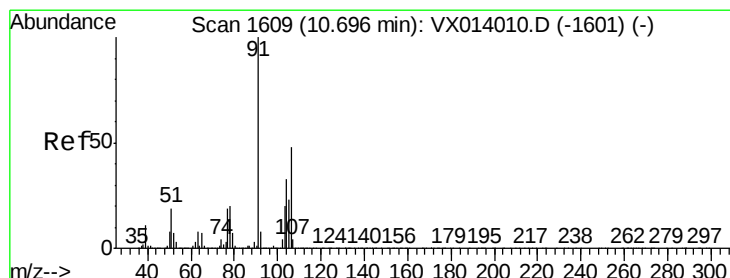
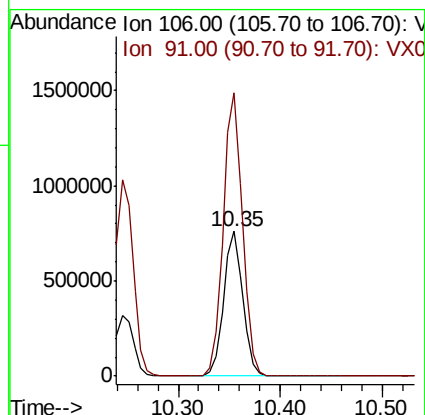
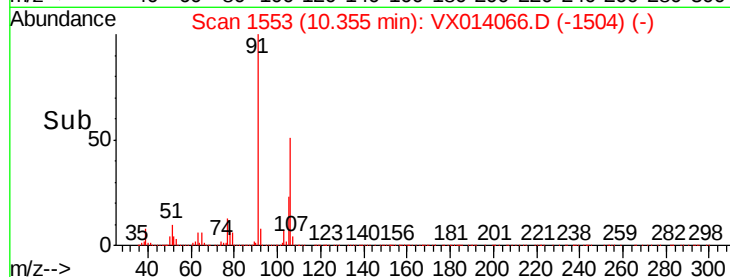
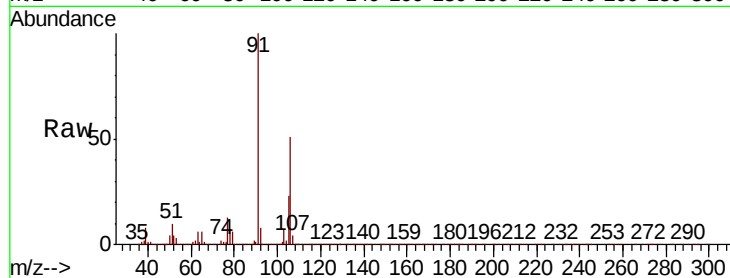
MW202D-20191207MSD

Tot Ion:106 Resp: 989558

Ion Ratio Lower Upper

106 100

91 197.4 158.6 238.0



#69

o-Xylene

Concen: 47.924 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014066.D

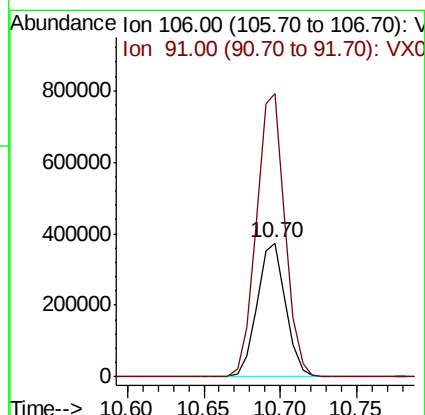
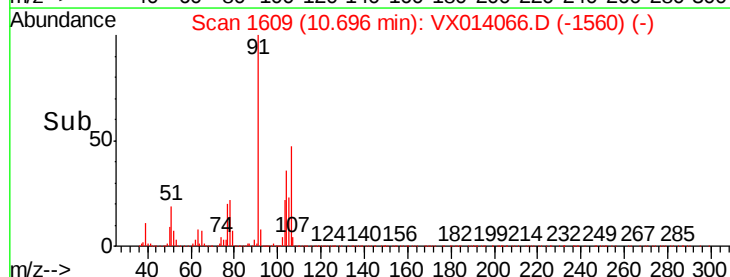
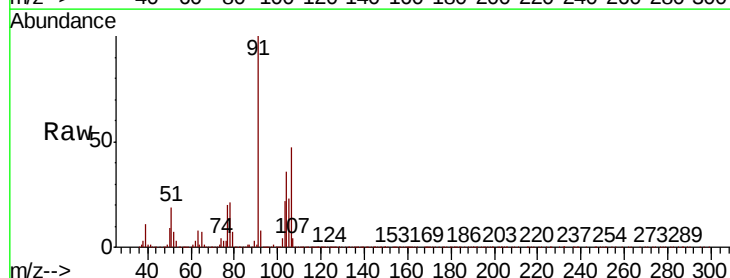
Acq: 17 Dec 2019 20:52

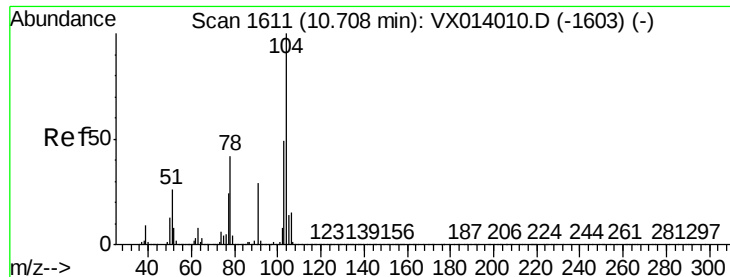
Tgt Ion:106 Resp: 484357

Ion Ratio Lower Upper

106 100

91 211.6 104.2 312.6

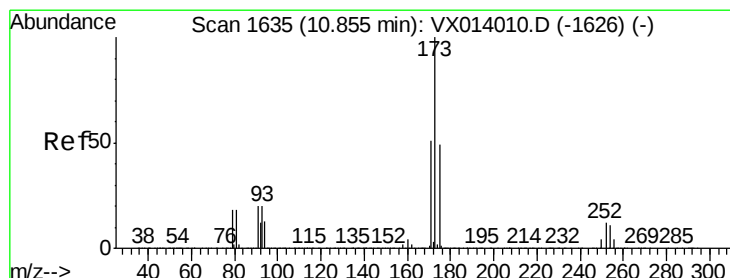
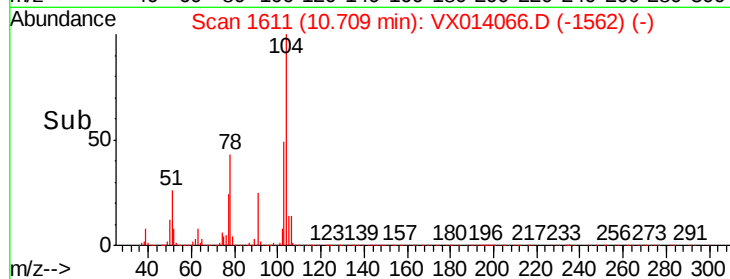
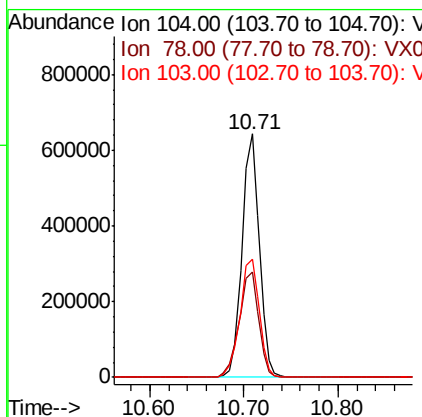
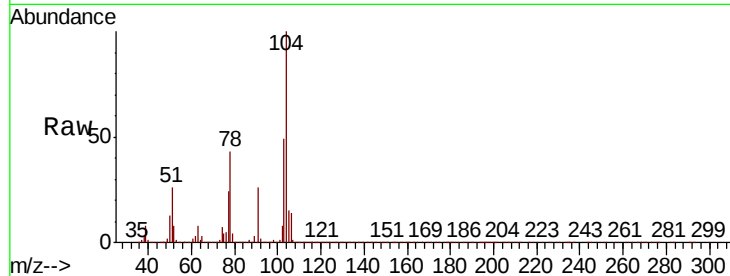




#70
Stvrene
Concen: 47.988 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

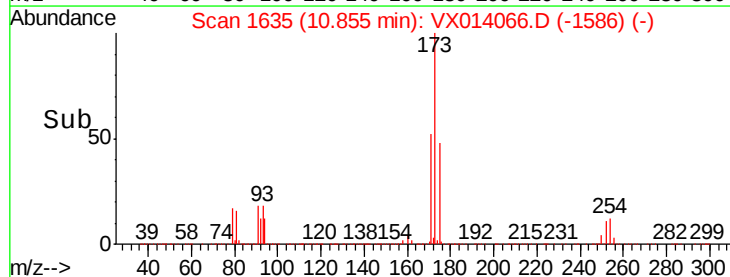
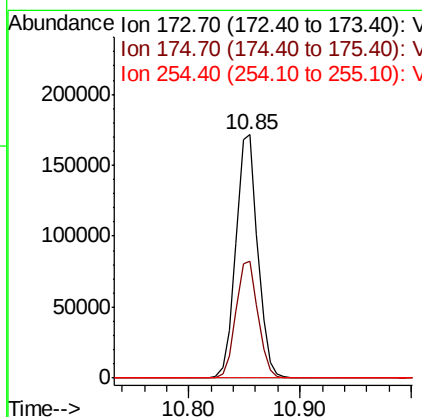
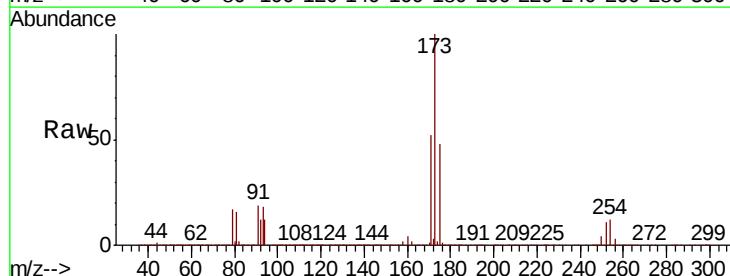
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

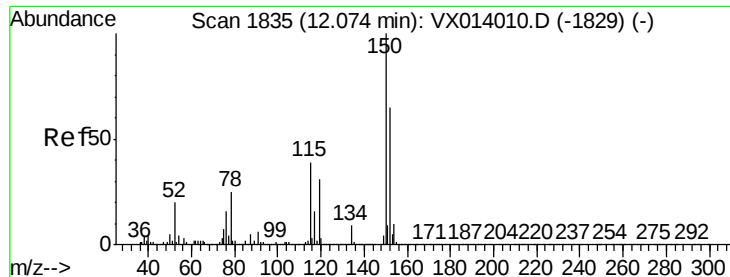
Tot Ion:104 Resp: 820142
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.9 42.9 64.3



#71
Bromoform
Concen: 52.114 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion:173 Resp: 233104
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.3 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

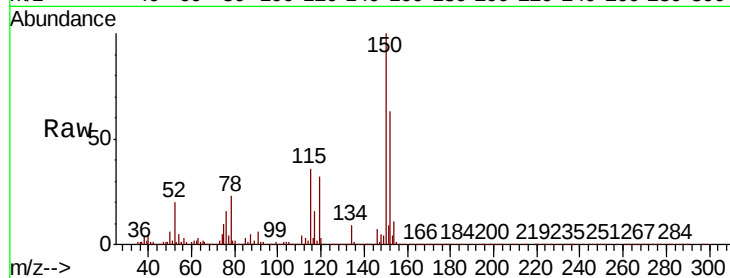
Tot Ion:152 Resp: 347429

Ion Ratio Lower Upper

152 100

115 75.8 38.3 114.9

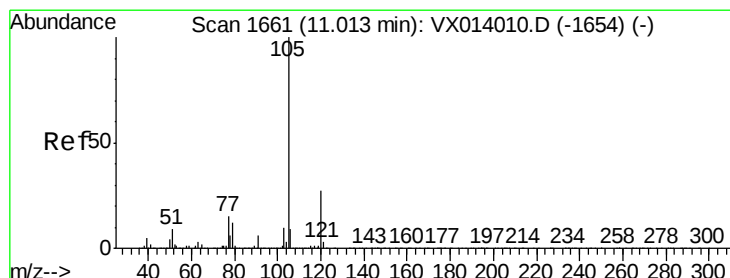
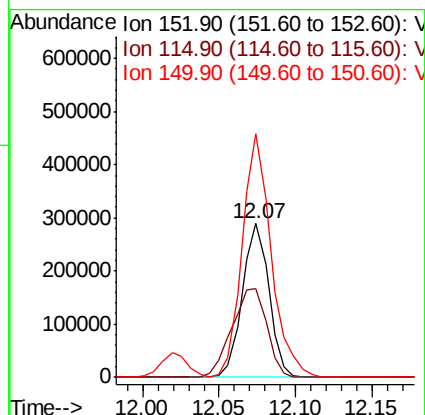
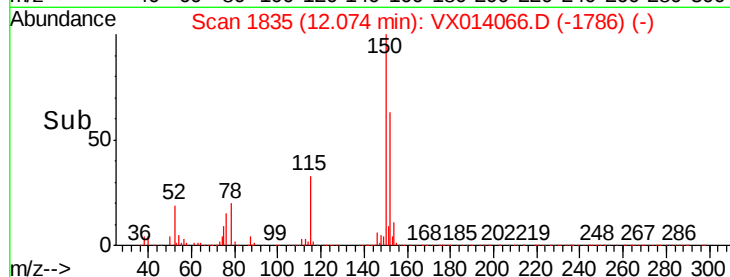
150 172.7 0.0 345.4



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: 51.274 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014066.D

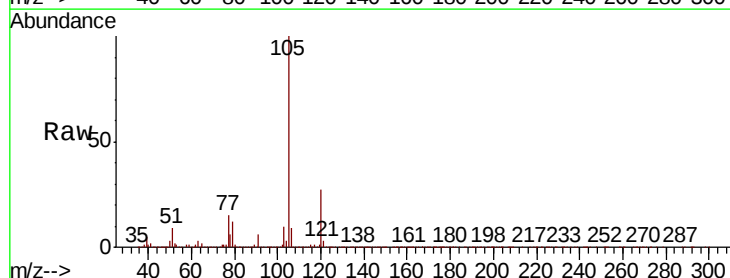
Acq: 17 Dec 2019 20:52

Tgt Ion:105 Resp: 1254241

Ion Ratio Lower Upper

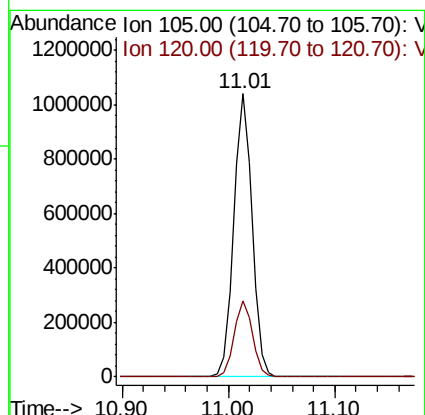
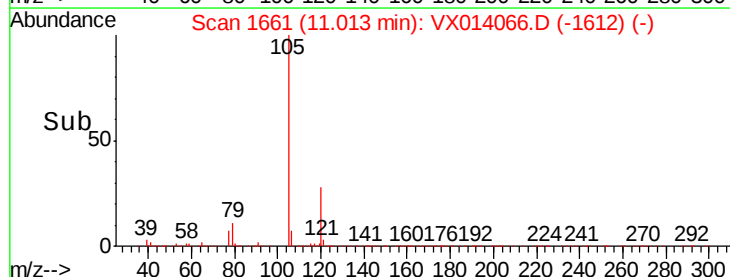
105 100

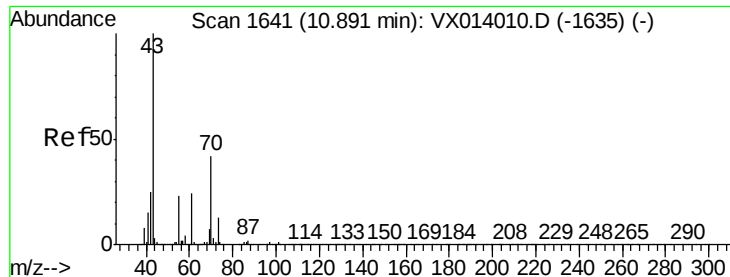
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.801 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

Tot Ion: 43 Resp: 502227

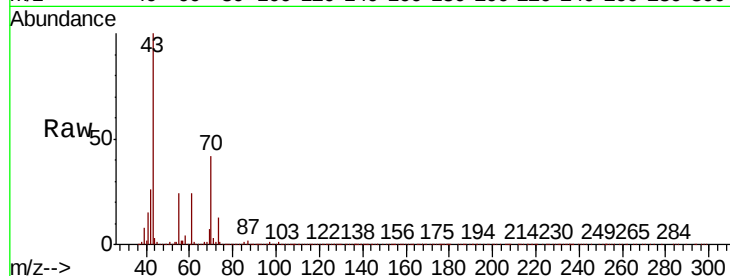
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 24.1 19.1 28.7

61 24.4 19.7 29.5

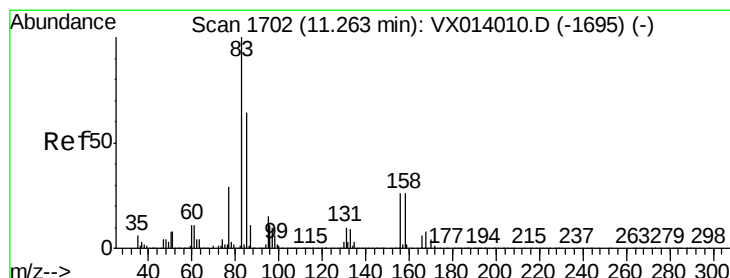
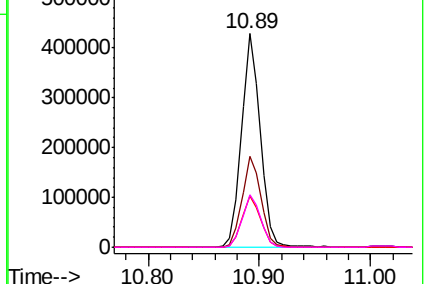
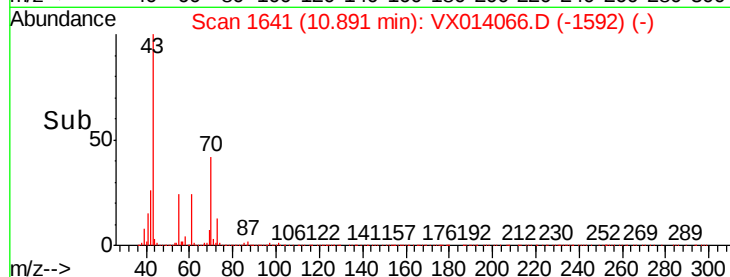


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.727 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

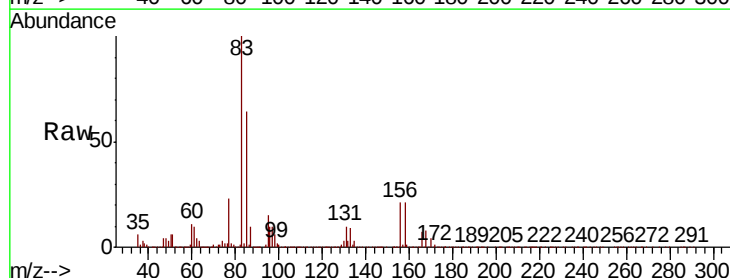
Tgt Ion: 83 Resp: 464117

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

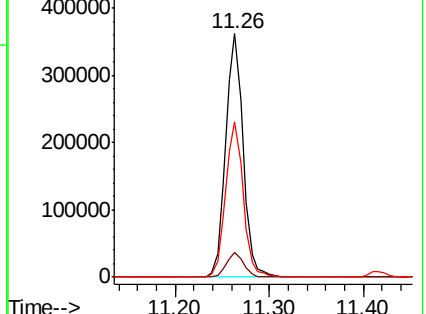
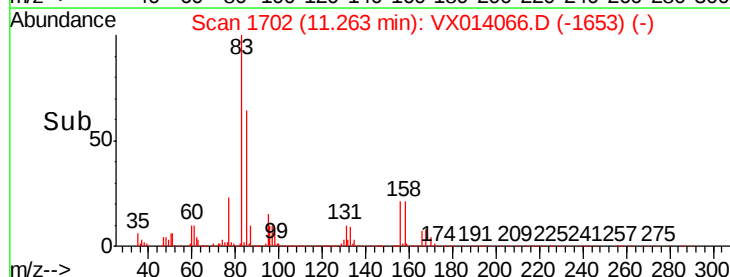
85 64.4 31.9 95.7

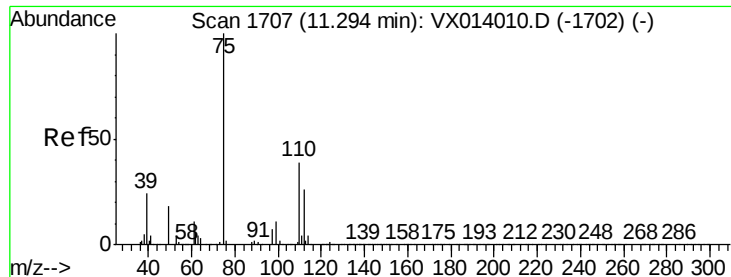


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

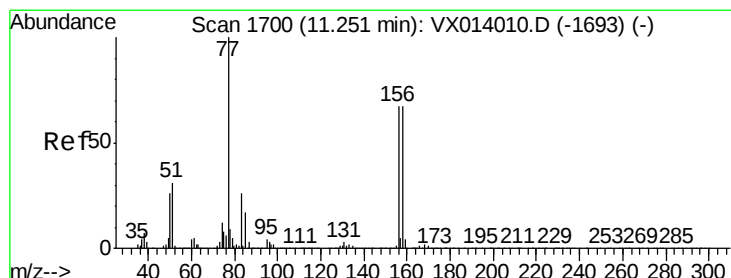
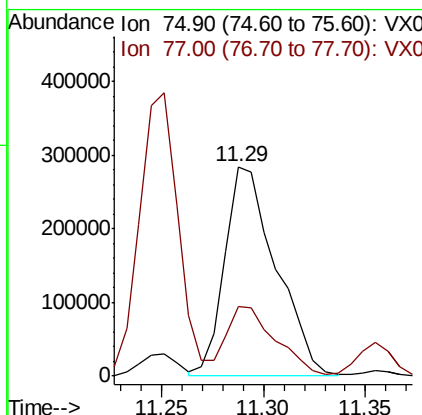
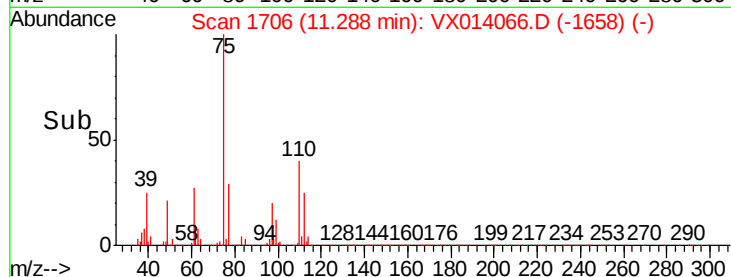
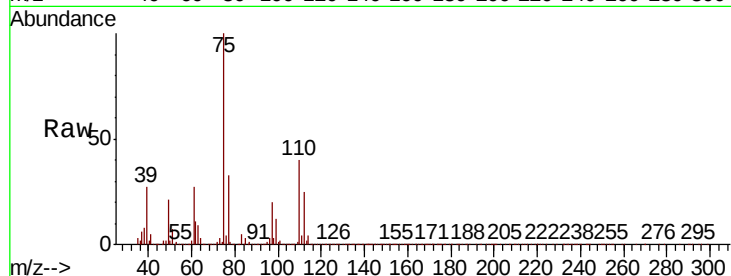




#76
1,2,3-Trichloropropane
Concen: 65.505 ug/l
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

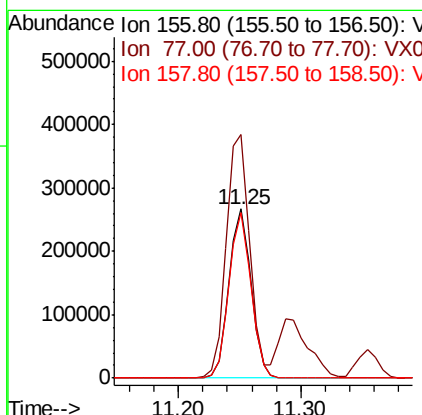
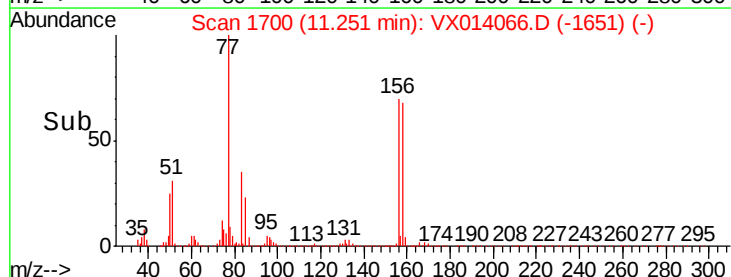
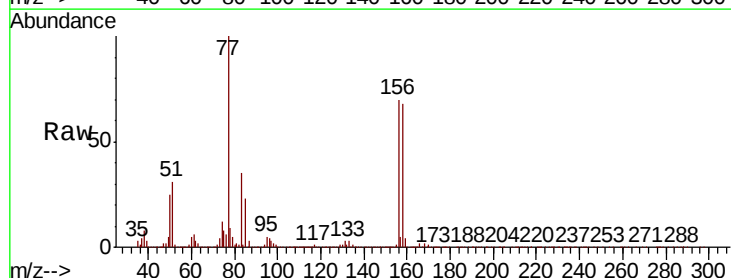
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

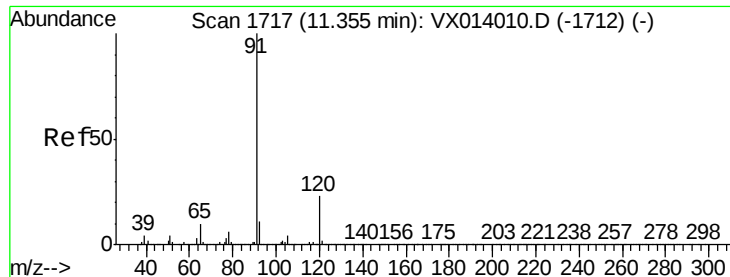
Tot Ion: 75 Resp: 494082
Ion Ratio Lower Upper
75 100
77 31.2 19.3 57.8



#77
Bromobenzene
Concen: 49.292 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion: 156 Resp: 331752
Ion Ratio Lower Upper
156 100
77 153.6 76.5 229.5
158 97.2 49.3 147.9





#78

n-propylbenzene

Concen: 50.459 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

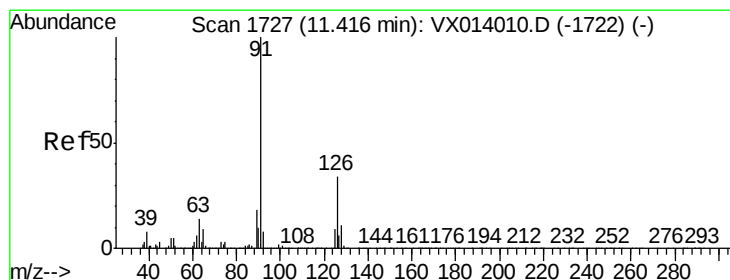
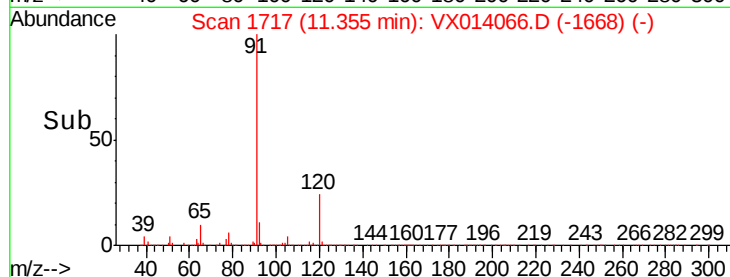
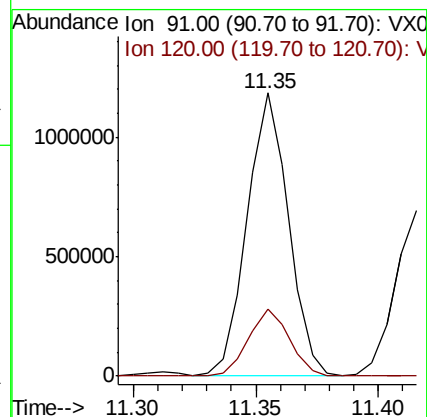
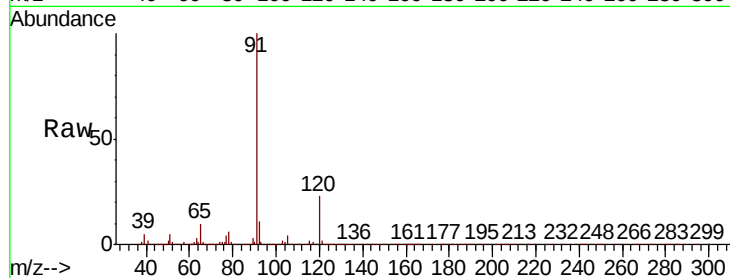
MW202D-20191207MSD

Tot Ion: 91 Resp: 1384484

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



#79

2-Chlorotoluene

Concen: 50.398 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014066.D

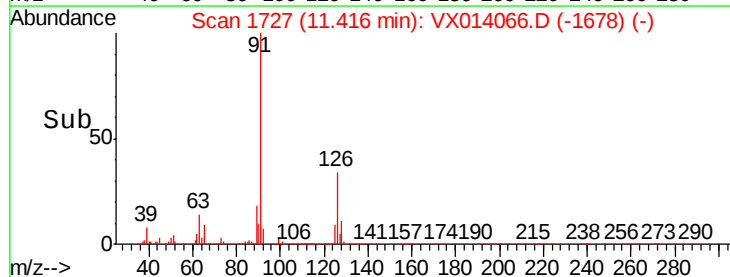
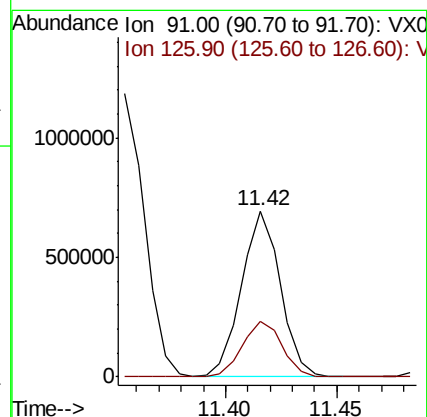
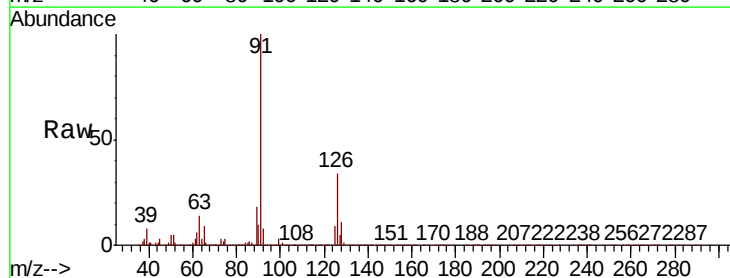
Acq: 17 Dec 2019 20:52

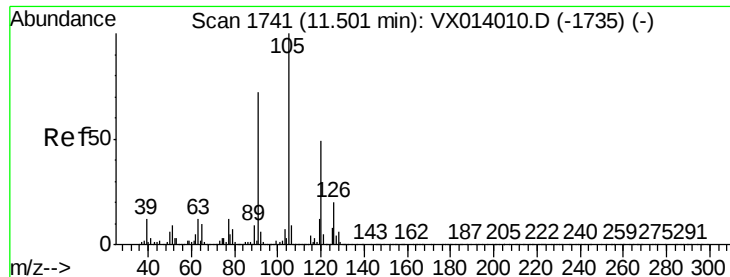
Tgt Ion: 91 Resp: 840580

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6

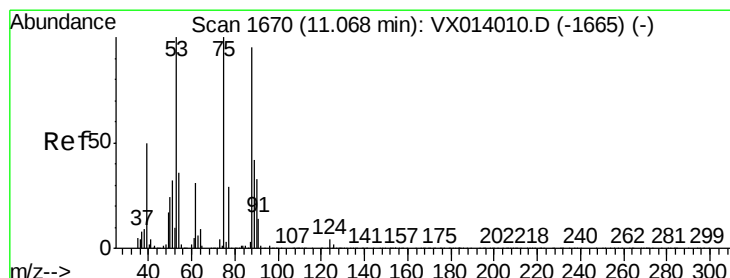
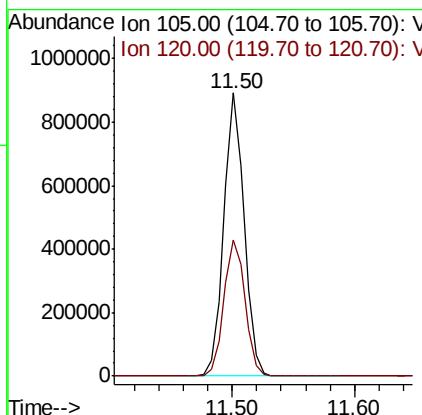
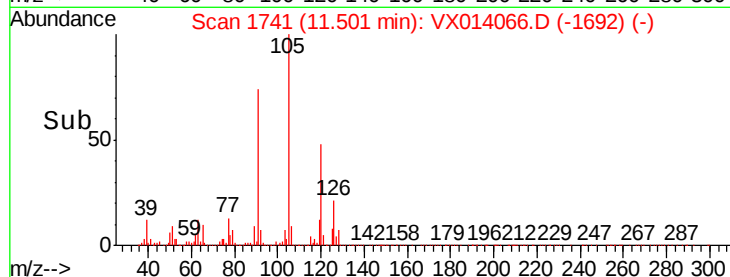
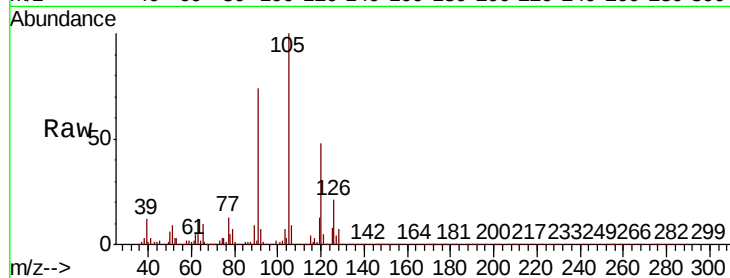




#80
 1,3,5-Trimethylbenzene
 Concen: 49.803 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

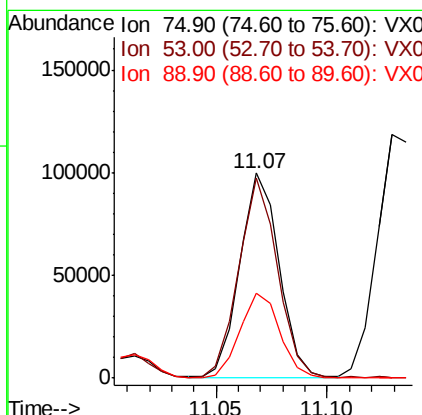
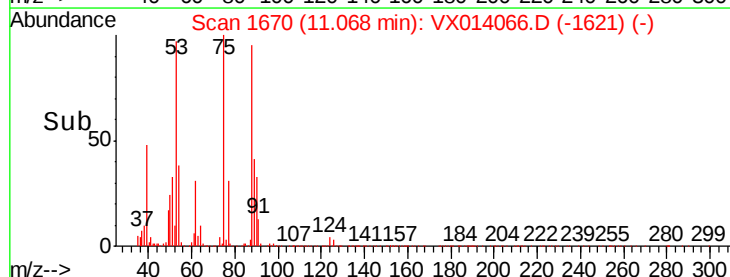
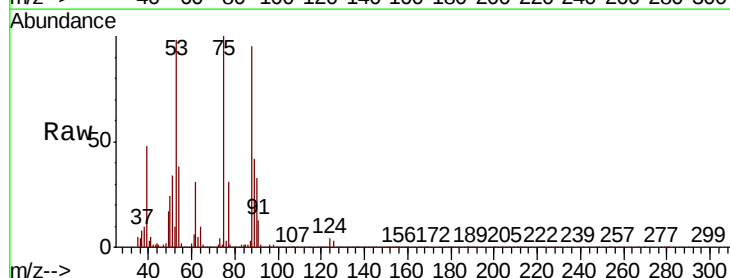
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

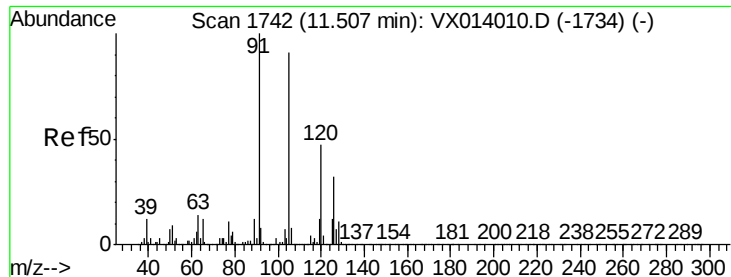
Tot Ion:105 Resp: 1025291
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.142 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion: 75 Resp: 123305
 Ion Ratio Lower Upper
 75 100
 53 96.1 76.7 115.1
 89 42.3 34.6 51.8





#82

4-Chlorotoluene

Concen: 49.161 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

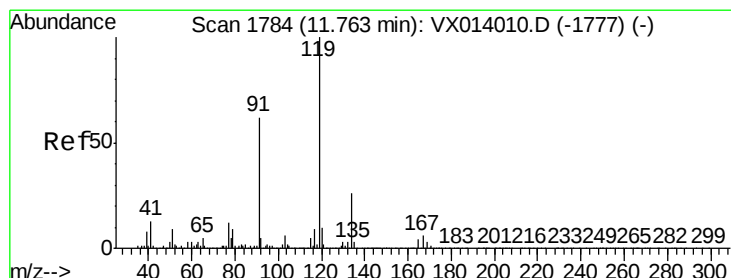
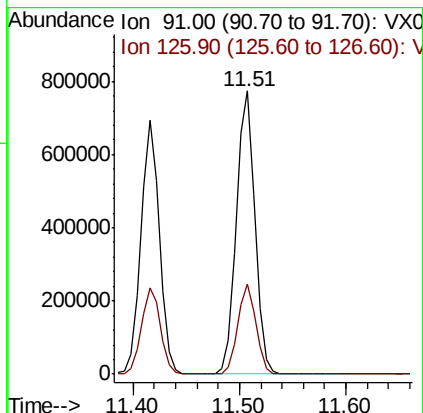
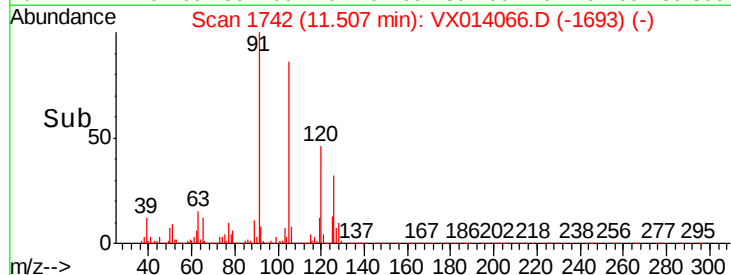
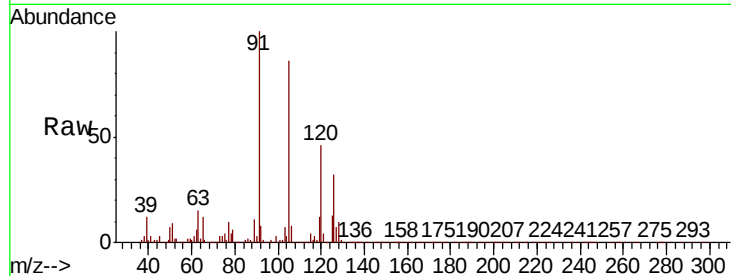
MW202D-20191207MSD

Tot Ion: 91 Resp: 951108

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8



#83

tert-Butylbenzene

Concen: 51.787 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

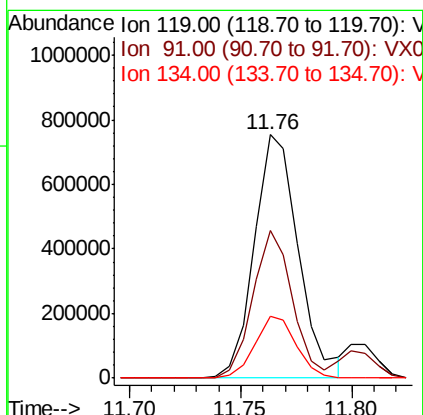
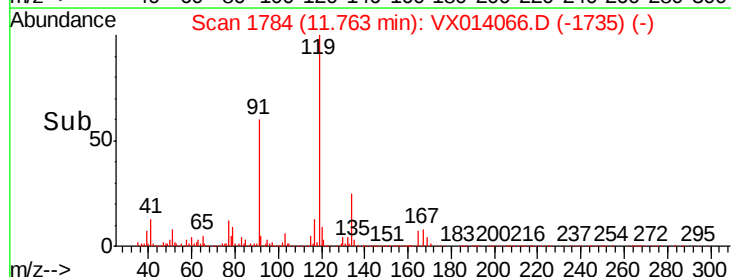
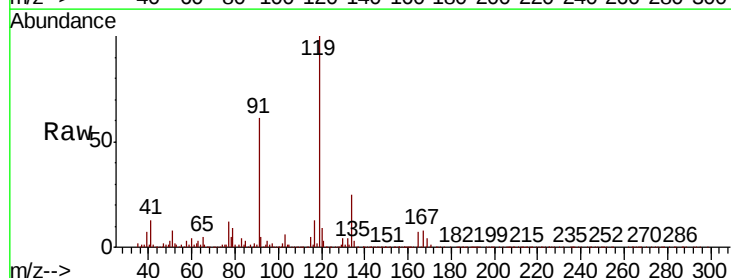
Tgt Ion: 119 Resp: 1037532

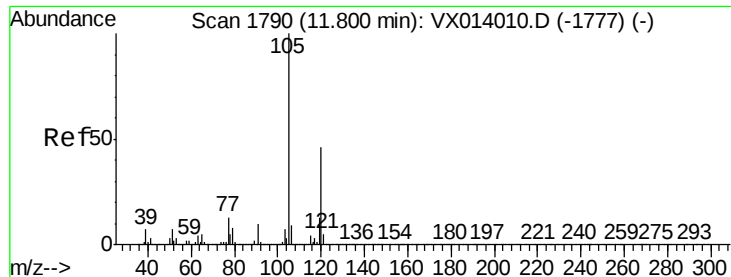
Ion Ratio Lower Upper

119 100

91 54.6 28.5 85.6

134 23.8 12.2 36.6





#84

1,2,4-Trimethylbenzene

Concen: 50.560 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

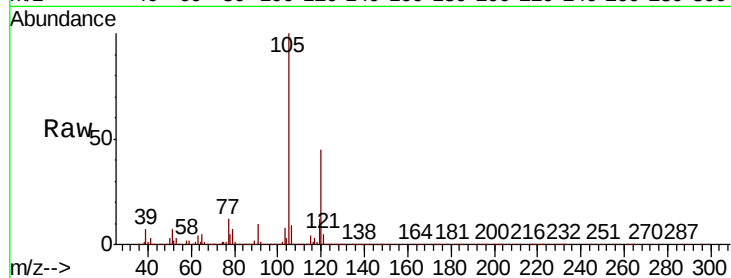
MW202D-20191207MSD

Tot Ion:105 Resp: 1042381

Ion Ratio Lower Upper

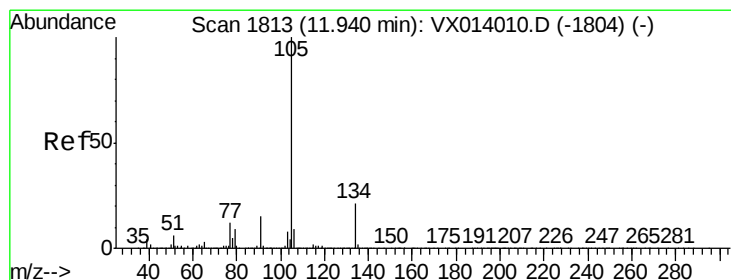
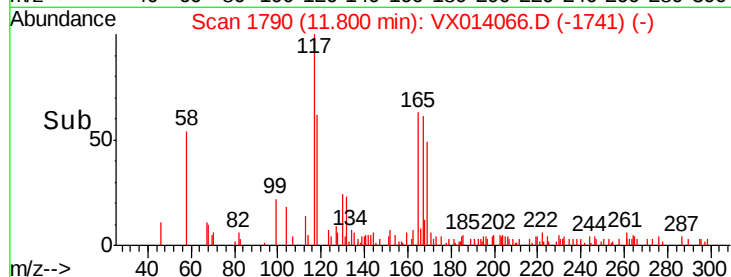
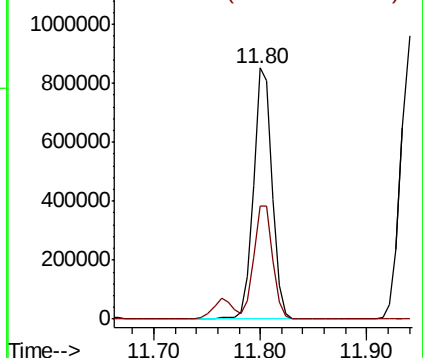
105 100

120 46.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 48.878 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014066.D

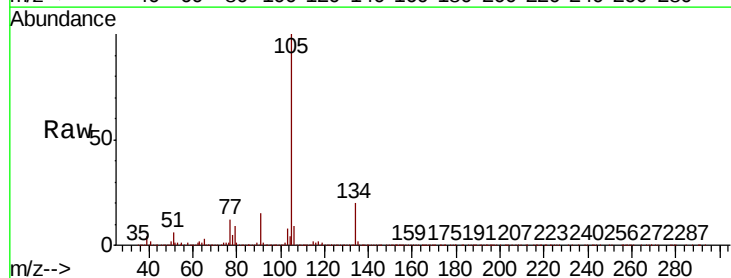
Acq: 17 Dec 2019 20:52

Tgt Ion:105 Resp: 1156021

Ion Ratio Lower Upper

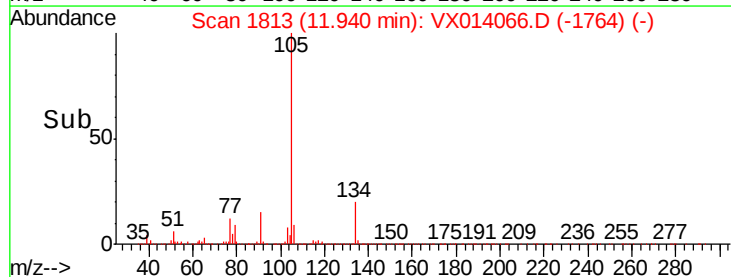
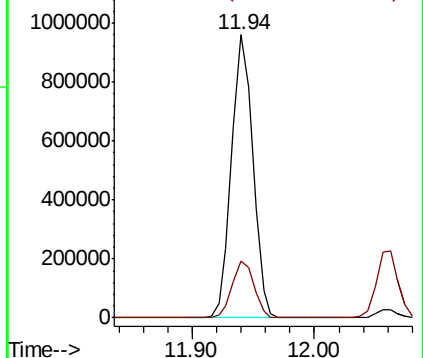
105 100

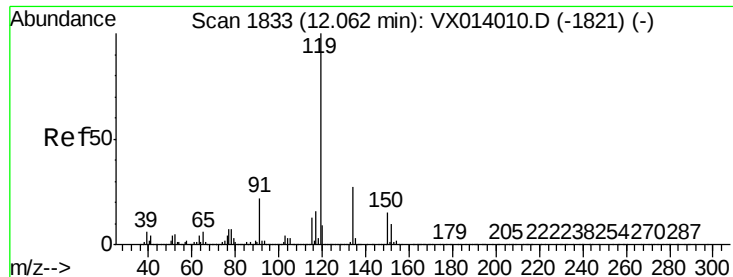
134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

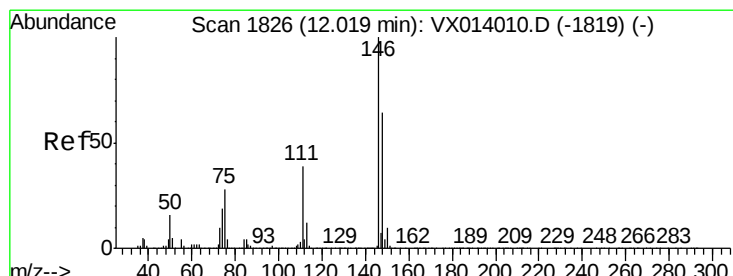
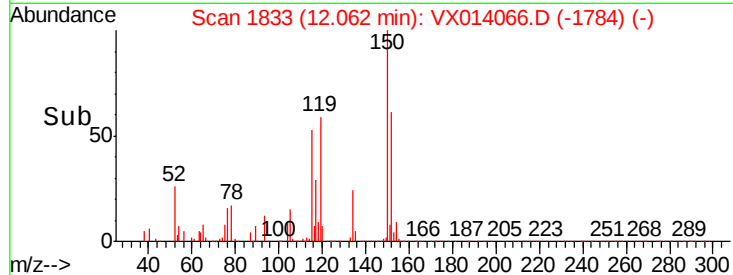
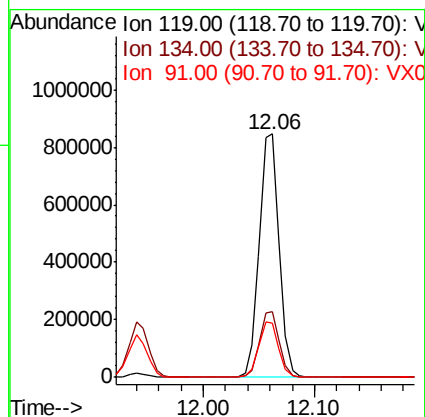
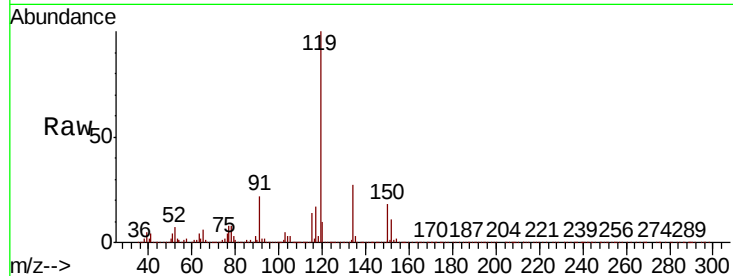




#86
p-Isopropyltoluene
Concen: 48.801 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

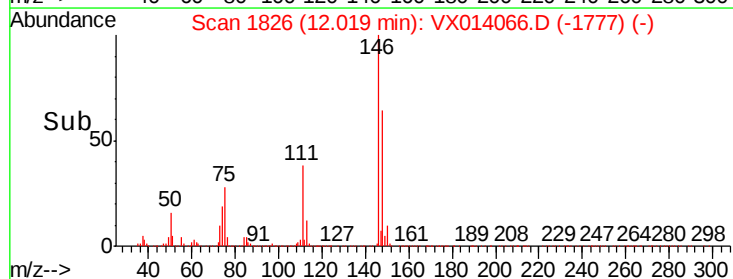
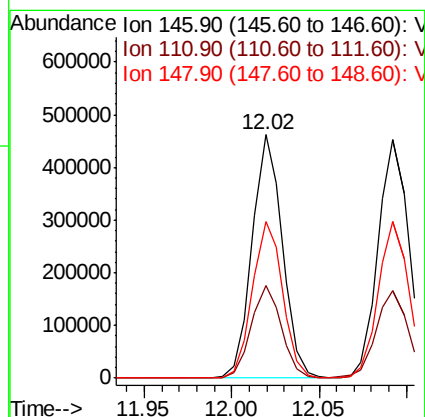
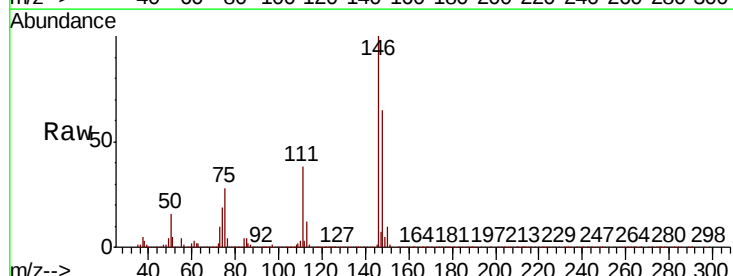
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

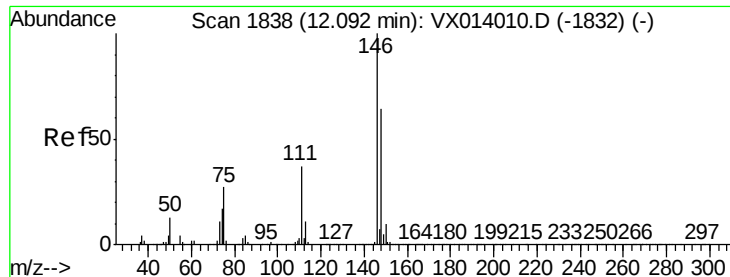
Tot Ion:119 Resp: 1055801
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.1
91 22.5 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 47.228 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion:146 Resp: 557080
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.8 32.3 96.9

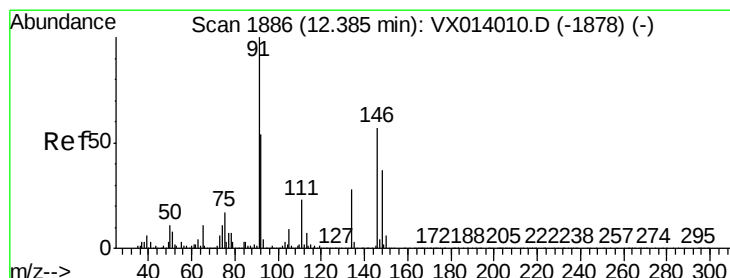
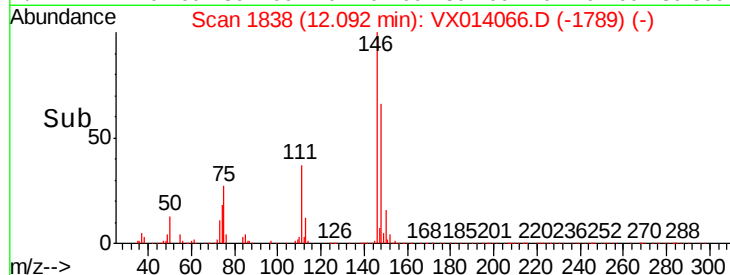
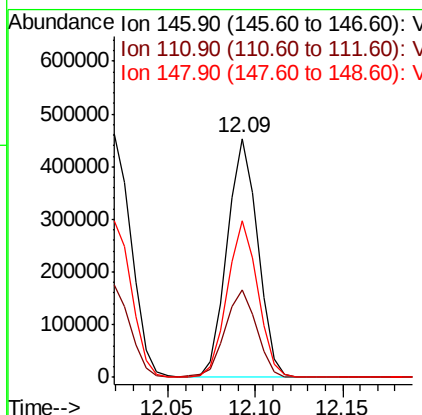
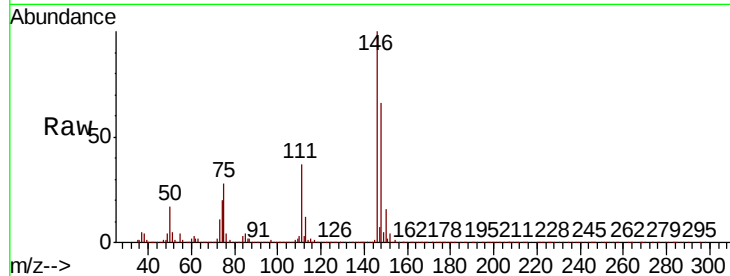




#88
 1,4-Dichlorobenzene
 Concen: 46.098 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

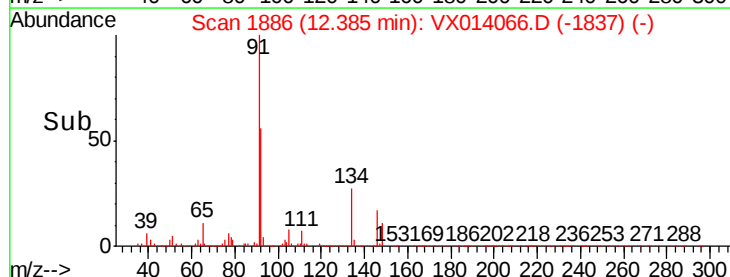
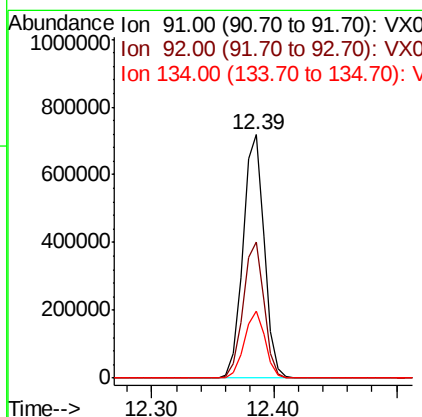
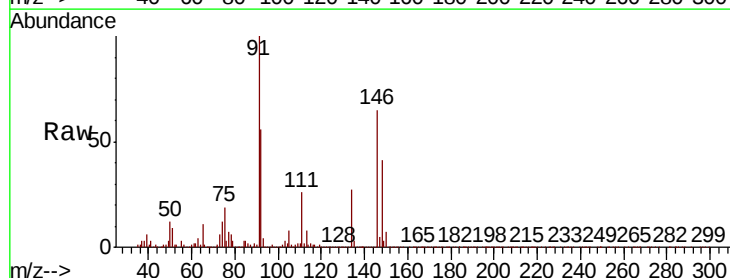
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MSD

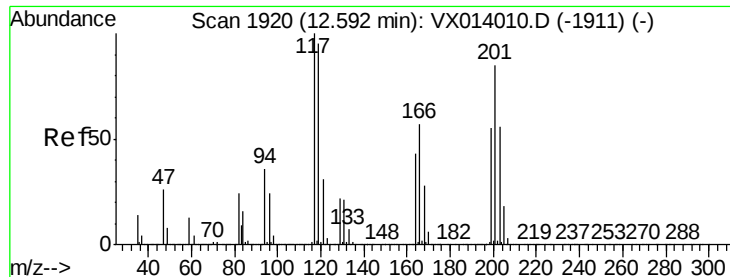
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	65.0	31.9	95.9



#89
 n-Butylbenzene
 Concen: 46.230 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014066.D
 Acq: 17 Dec 2019 20:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.6
134	27.0	13.4	40.1

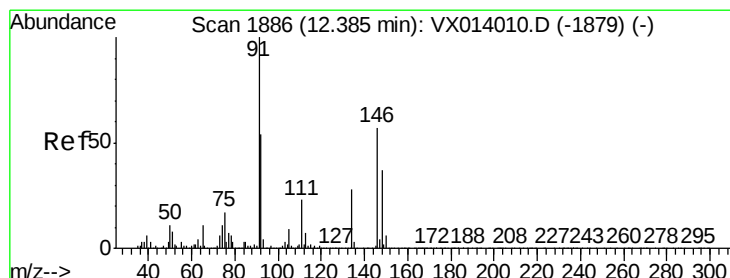
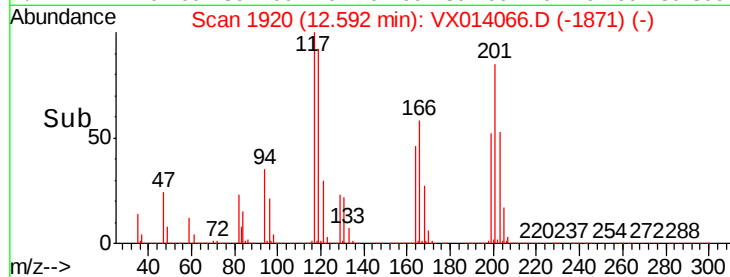
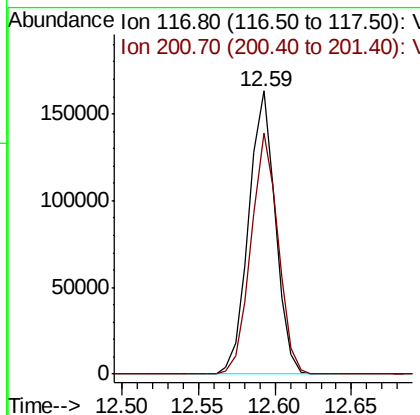
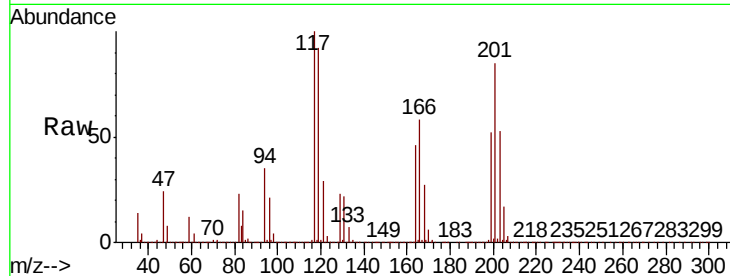




#90
Hexachloroethane
Concen: 50.835 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

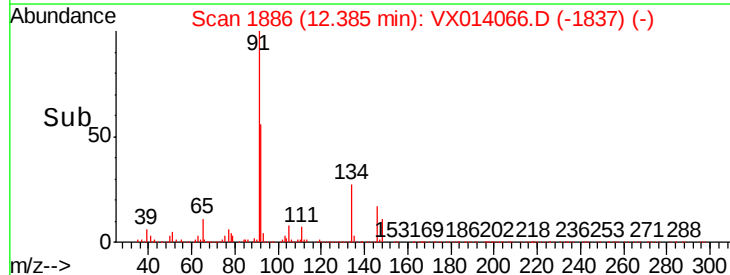
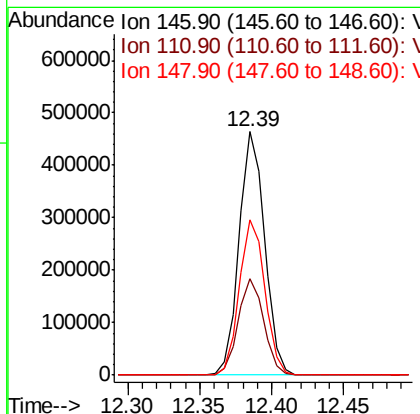
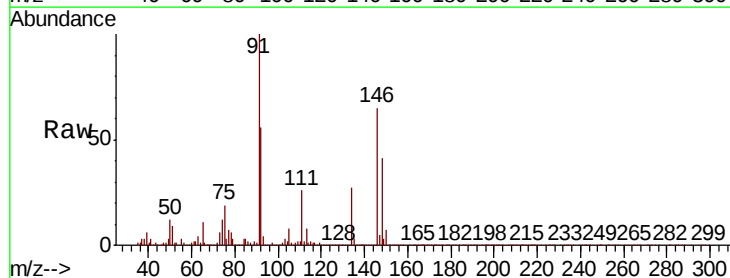
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

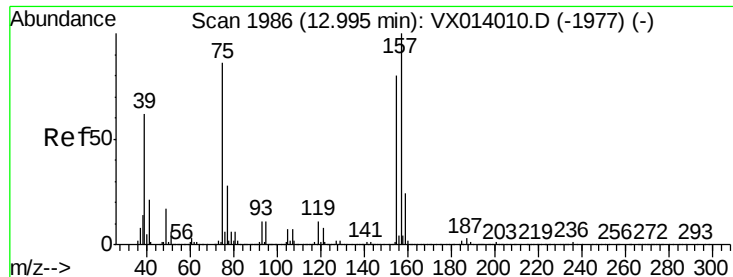
Tot Ion:117 Resp: 197545
Ion Ratio Lower Upper
117 100
201 86.8 43.1 129.3



#91
1,2-Dichlorobenzene
Concen: 48.102 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion:146 Resp: 571176
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 64.2 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.755 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

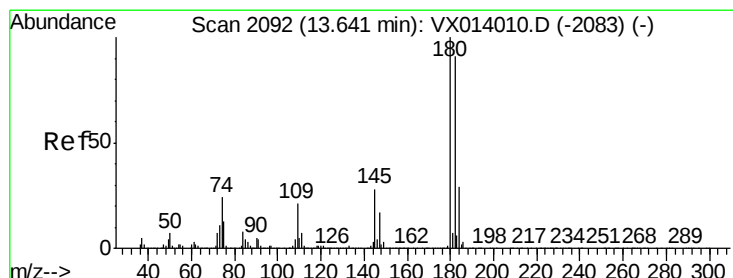
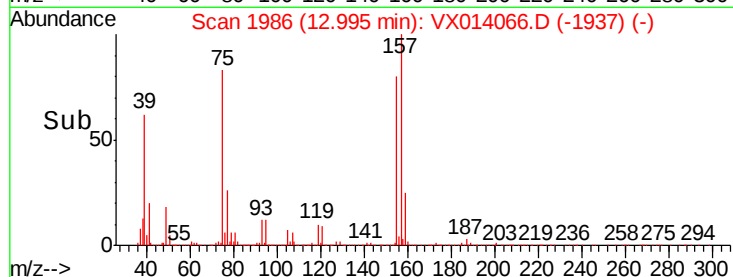
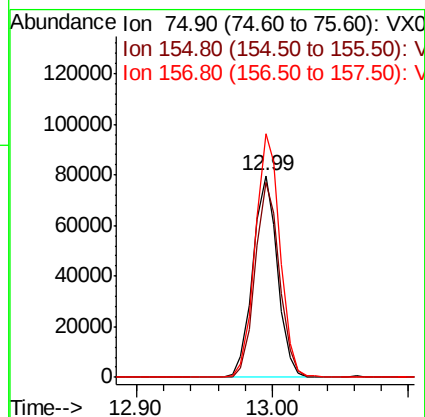
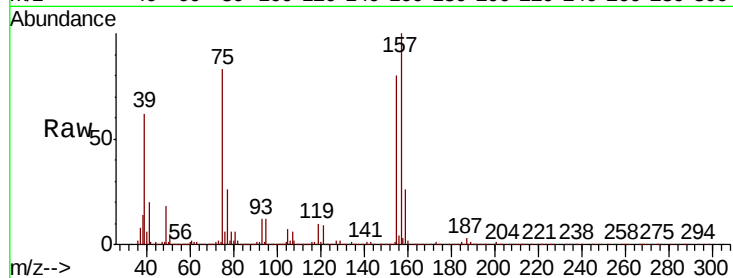
Tot Ion: 75 Resp: 100882

Ion Ratio Lower Upper

75 100

155 96.0 46.9 140.6

157 121.9 60.8 182.4



#93

1,2,4-Trichlorobenzene

Concen: 44.467 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

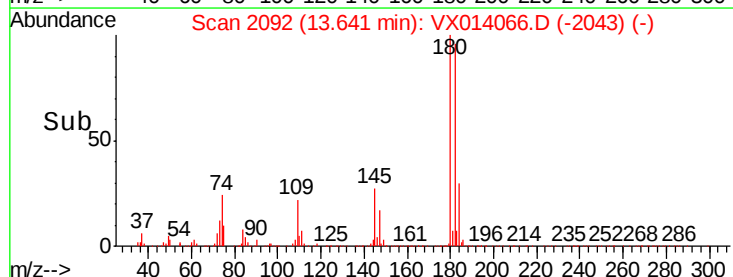
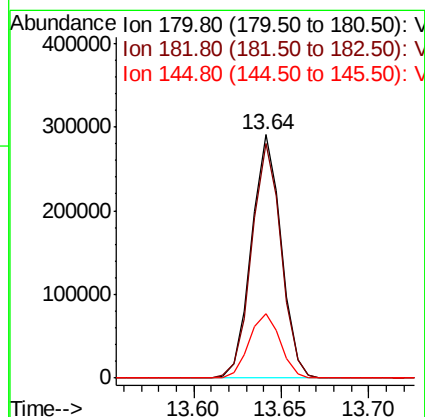
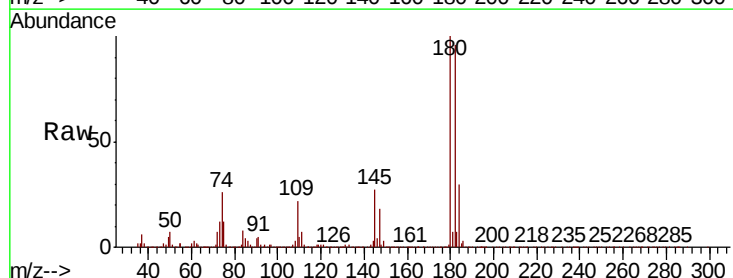
Tgt Ion:180 Resp: 343185

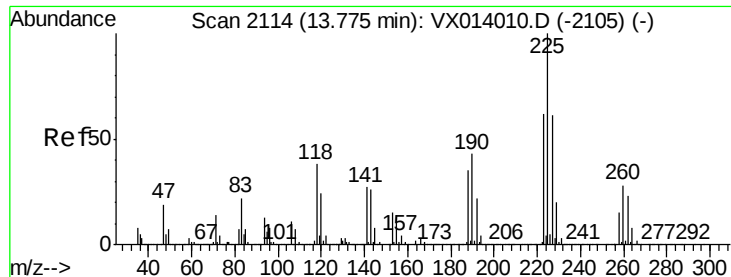
Ion Ratio Lower Upper

180 100

182 96.2 46.6 139.8

145 28.0 14.2 42.6

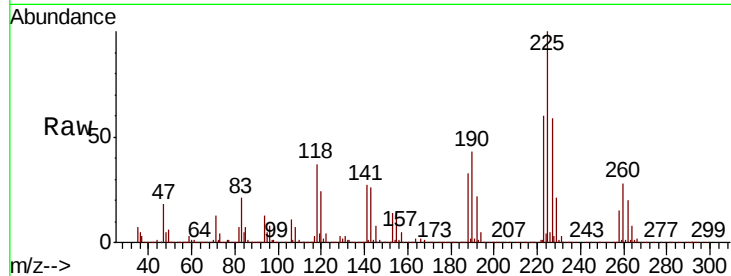




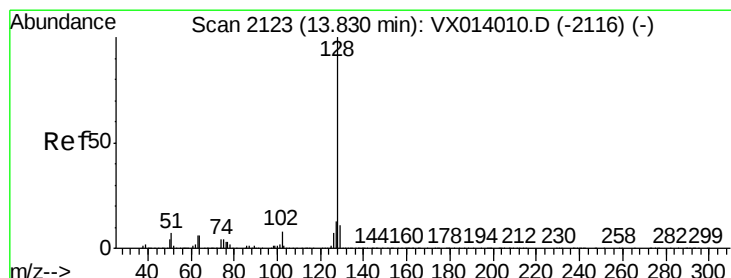
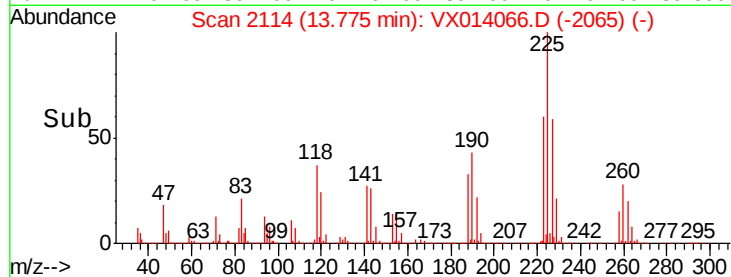
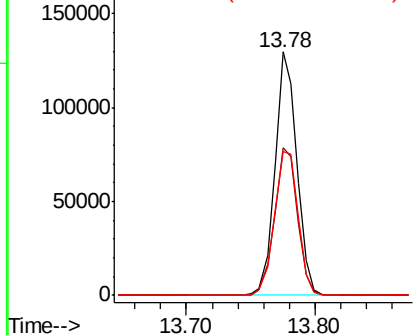
#94
Hexachlorobutadiene
Concen: 41.600 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MSD

Tot Ion:225 Resp: 154300
Ion Ratio Lower Upper
225 100
223 63.8 30.9 92.5
227 64.5 30.9 92.7

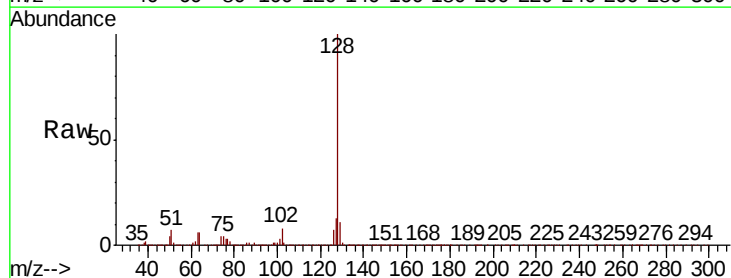


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

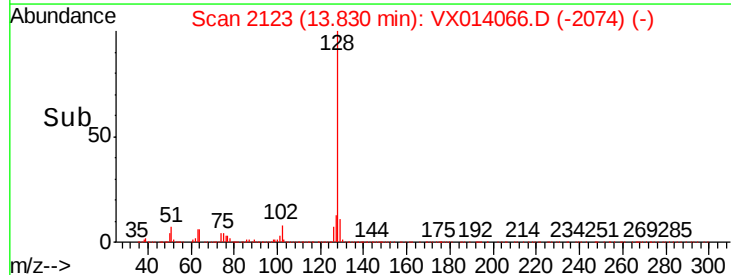
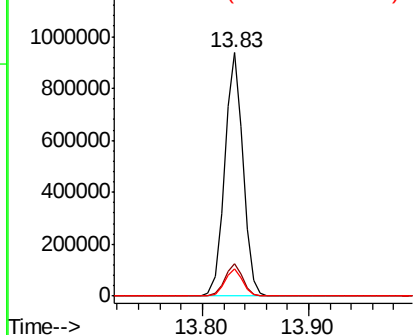


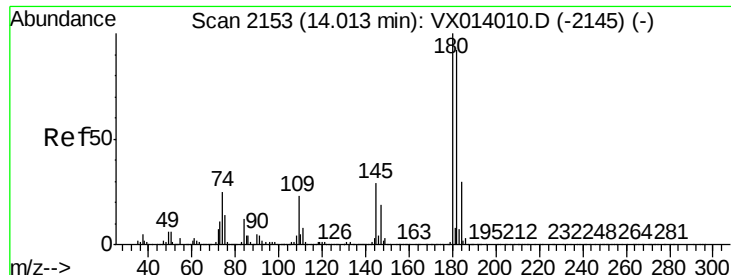
#95
Naphthalene
Concen: 49.493 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014066.D
Acq: 17 Dec 2019 20:52

Tgt Ion:128 Resp: 1122251
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1



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: 46.929 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014066.D

Acq: 17 Dec 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MSD

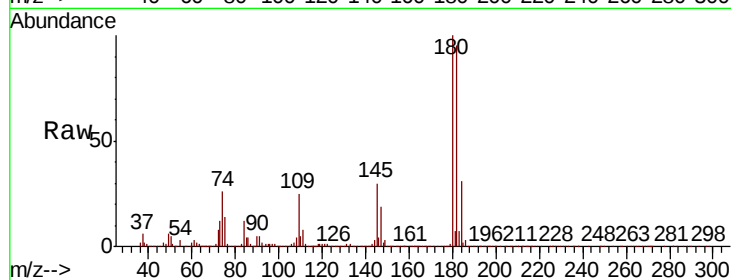
Tot Ion:180 Resp: 357531

Ion Ratio Lower Upper

180 100

182 96.3 46.8 140.3

145 29.5 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

