

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014065.D
 Acq On : 17 Dec 2019 20:29
 Operator : JC/SP
 Sample : K6251-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

Quant Time: Dec 18 07:17:07 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	521440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	830869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	294211	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	243965	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	946025	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.14	95	330400	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	226704	48.597	ug/l	98
3) Chloromethane	1.32	50	314313	50.206	ug/l	100
4) Vinyl Chloride	1.40	62	325495	49.273	ug/l	100
5) Bromomethane	1.63	94	205594	43.850	ug/l	99
6) Chloroethane	1.71	64	205108	50.308	ug/l	94
7) Trichlorofluoromethane	1.92	101	424035	51.854	ug/l	98
8) Diethyl Ether	2.18	74	186613	48.624	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	236168	47.910	ug/l	99
10) Methyl Iodide	2.50	142	328727	50.538	ug/l	99
11) Tert butyl alcohol	3.03	59	367986	288.171	ug/l	99
12) 1,1-Dichloroethene	2.36	96	249988	49.839	ug/l	99
13) Acrolein	2.28	56	234755	321.151	ug/l	97
14) Allyl chloride	2.72	41	427311	47.713	ug/l	99
15) Acrylonitrile	3.13	53	825552	276.980	ug/l	99
16) Acetone	2.43	43	728721	189.933	ug/l	99
17) Carbon Disulfide	2.56	76	668937	48.068	ug/l	100
18) Methyl Acetate	2.76	43	331795	43.642	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	842194	51.096	ug/l	100
20) Methylene Chloride	2.84	84	288518	47.754	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	267608	48.427	ug/l	100
22) Diisopropyl ether	3.84	45	914724	51.255	ug/l	95
23) Vinyl Acetate	3.80	43	3119893	214.221	ug/l	99
24) 1,1-Dichloroethane	3.69	63	517627	52.132	ug/l	100
25) 2-Butanone	4.66	43	1168242	246.973	ug/l	99
26) 2,2-Dichloropropane	4.58	77	193849	25.145	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	361117	57.782	ug/l	93
28) Bromochloromethane	5.00	49	200655	52.524	ug/l	99
29) Tetrahydrofuran	5.11	42	761892	287.969	ug/l	98
30) Chloroform	5.20	83	477619	50.743	ug/l	98
31) Cyclohexane	5.57	56	445130	50.405	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	400496	49.924	ug/l	98
36) 1,1-Dichloropropene	5.79	75	357704	46.920	ug/l	99
37) Ethyl Acetate	4.82	43	368969	43.827	ug/l	99
38) Carbon Tetrachloride	5.78	117	333758	48.057	ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	423555	44.995	ug/l	98
40) Benzene	6.13	78	1119667	47.732	ug/l	100
41) Methacrylonitrile	5.03	41	244382	52.318	ug/l	98
42) 1,2-Dichloroethane	6.18	62	383731	48.259	ug/l	99
43) Isopropyl Acetate	6.43	43	621347	44.597	ug/l	99
44) Trichloroethene	7.20	130	577078	89.068	ug/l	98
45) 1,2-Dichloropropane	7.51	63	293965	48.894	ug/l	99
46) Dibromomethane	7.65	93	188702	47.472	ug/l	99
47) Bromodichloromethane	7.89	83	367375	49.073	ug/l	99
48) Methyl methacrylate	7.76	41	349921	51.290	ug/l	100
49) 1,4-Dioxane	7.73	88	158472	1141.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2290431	261.767	ug/l	99
52) Toluene	8.78	92	708047	47.755	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367774	44.802	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	406634	44.464	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283098	47.641	ug/l	99
56) Ethyl methacrylate	9.17	69	468164	50.155	ug/l	100
57) 1,3-Dichloropropane	9.37	76	487651	48.775	ug/l	100
59) 2-Hexanone	9.48	43	1777719	252.385	ug/l	100
60) Dibromochloromethane	9.58	129	294894	49.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	300097	49.358	ug/l	100
64) Tetrachloroethene	9.33	164	349512	52.450	ug/l	99
65) Chlorobenzene	10.14	112	746839	46.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	275458	48.180	ug/l	99
67) Ethyl Benzene	10.25	91	1312024	47.661	ug/l	100
68) m/p-Xylenes	10.35	106	995449	94.018	ug/l	100
69) o-Xylene	10.70	106	485782	46.782	ug/l	99
70) Styrene	10.71	104	828005	47.155	ug/l	99
71) Bromoform	10.85	173	225509	49.070	ug/l	100
73) Isopropylbenzene	11.01	105	1274719	49.507	ug/l	100
74) N-amyl acetate	10.89	43	485045	40.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	459274	51.449	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	486779	61.312	ug/l	88
77) Bromobenzene	11.25	156	330413	46.640	ug/l	100
78) n-propylbenzene	11.35	91	1402204	48.550	ug/l	100
79) 2-Chlorotoluene	11.42	91	841979	47.959	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1052985	48.592	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	119157	42.361	ug/l	97
82) 4-Chlorotoluene	11.51	91	966185	47.444	ug/l	99
83) tert-Butylbenzene	11.76	119	1054695	50.013	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1051977	48.475	ug/l	100
85) sec-Butylbenzene	11.94	105	1197460	48.099	ug/l	99
86) p-Isopropyltoluene	12.06	119	1090494	47.886	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	564866	45.495	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	563526	44.637	ug/l	100
89) n-Butylbenzene	12.38	91	888872	45.744	ug/l	100
90) Hexachloroethane	12.59	117	197341	48.245	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	578519	46.286	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	99333	50.284	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	342917	42.212	ug/l	97

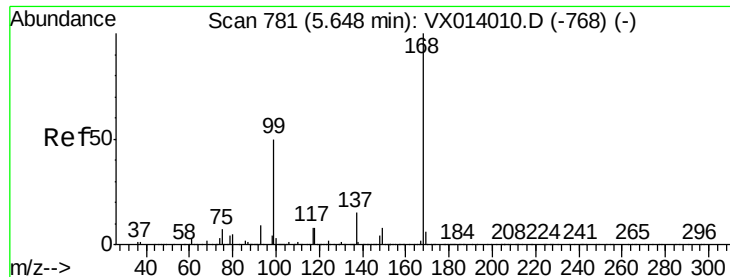
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	163668	41.921	ug/l	98
95) Naphthalene	13.83	128	1129642	47.329	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360984	45.015	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

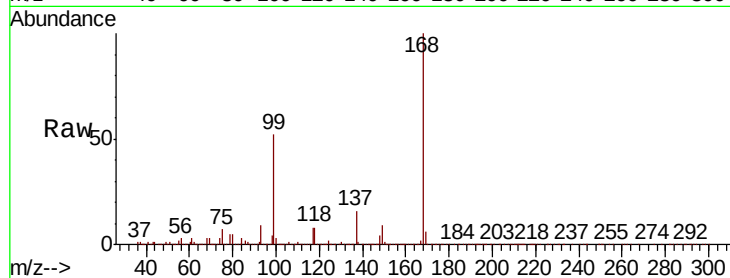
MW202D-20191207MS

Tot Ion:168 Resp: 521440

Ion Ratio Lower Upper

168 100

99 51.5 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

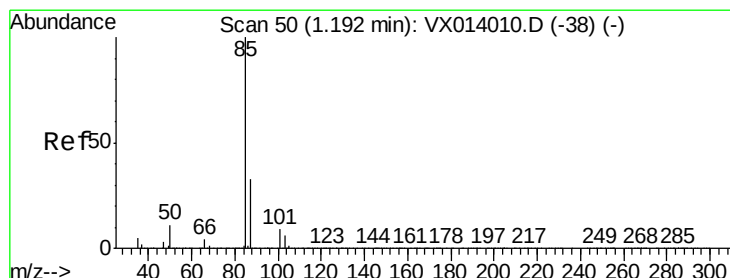
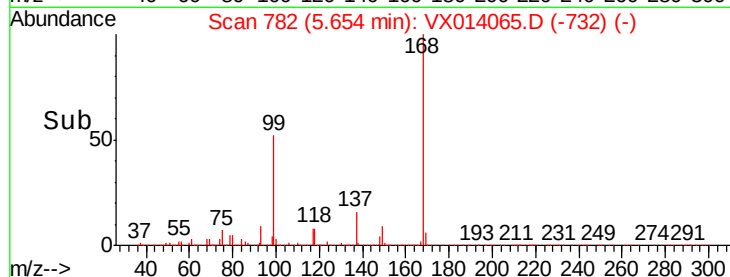
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.597 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014065.D

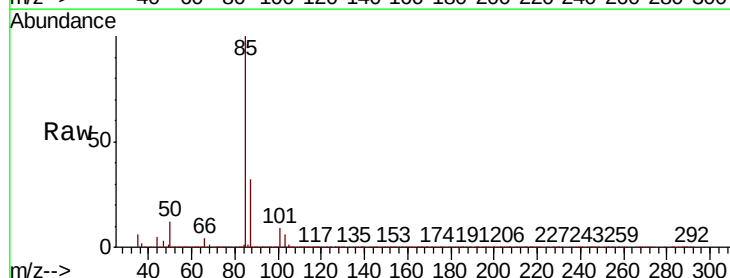
Acq: 17 Dec 2019 20:29

Tgt Ion: 85 Resp: 226704

Ion Ratio Lower Upper

85 100

87 31.6 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

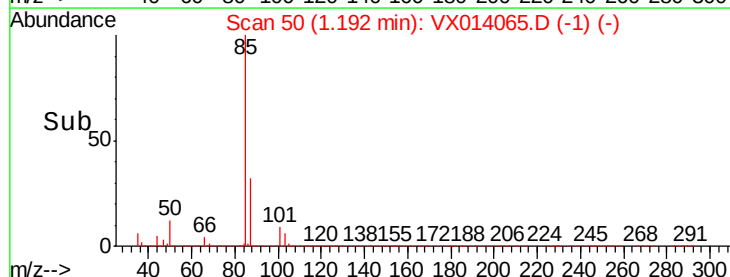
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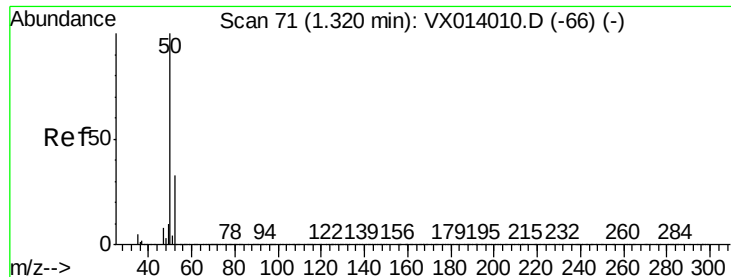
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.206 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

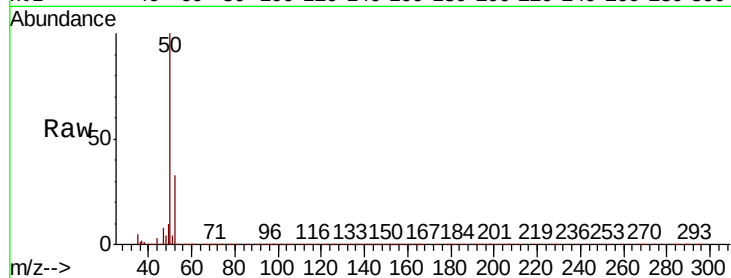
MW202D-20191207MS

Tot Ion: 50 Resp: 314313

Ion Ratio Lower Upper

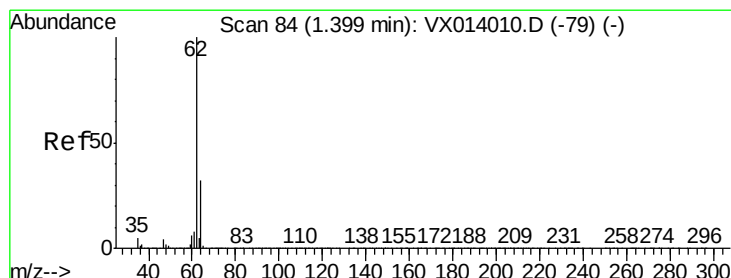
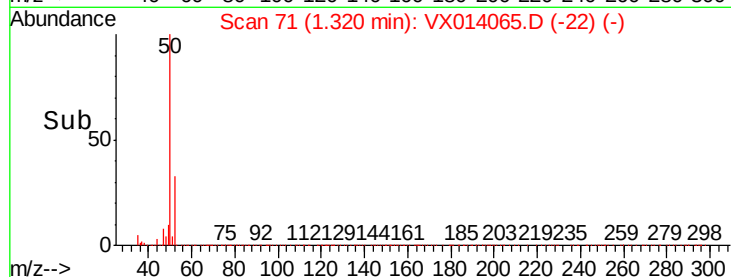
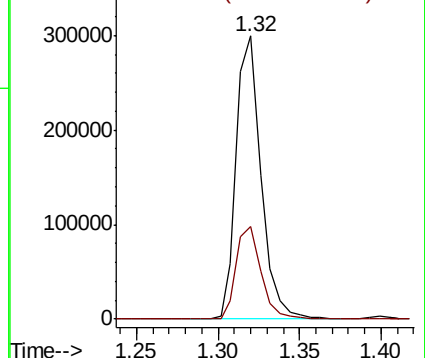
50 100

52 32.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014065.D

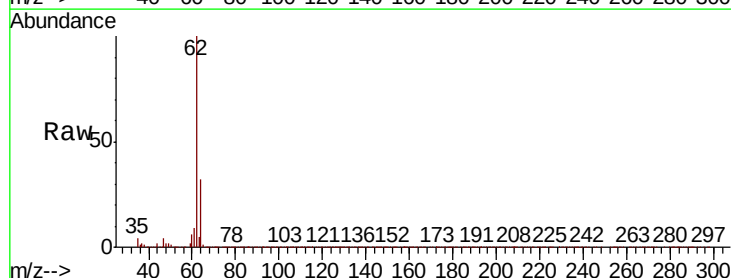
Acq: 17 Dec 2019 20:29

Tgt Ion: 62 Resp: 325495

Ion Ratio Lower Upper

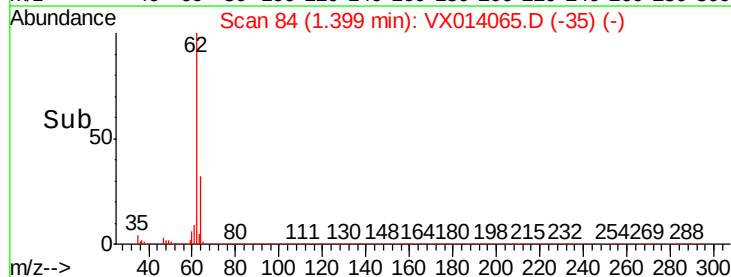
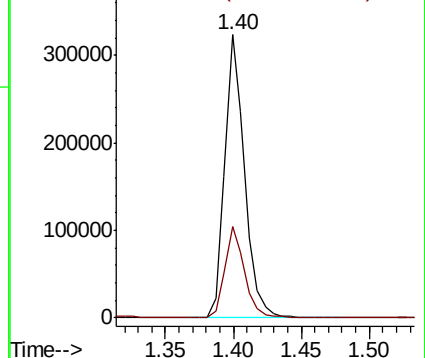
62 100

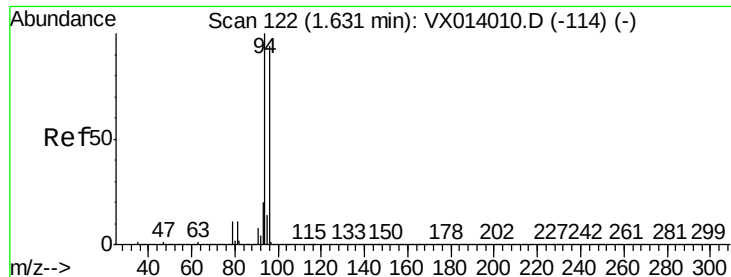
64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.850 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

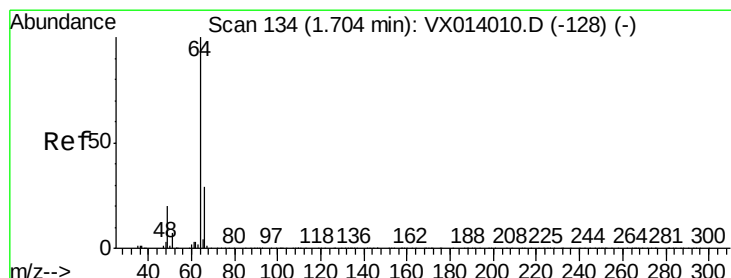
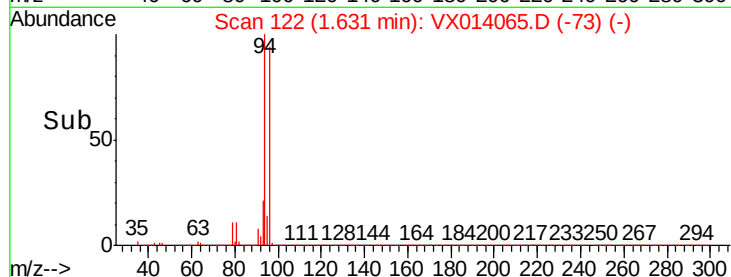
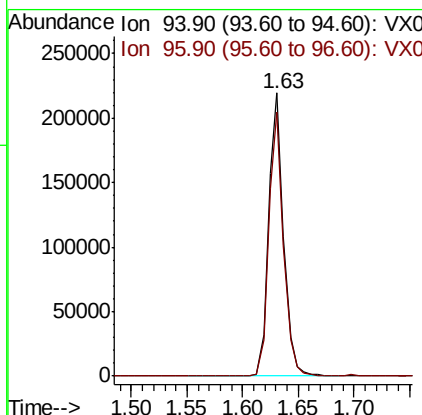
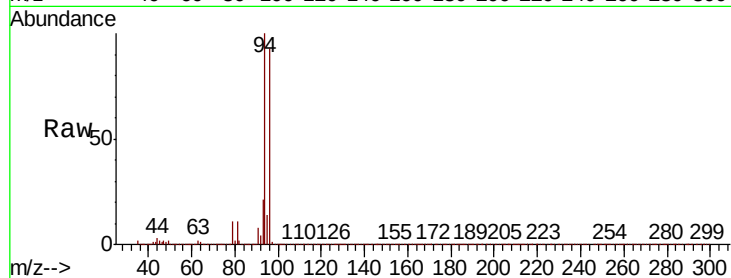
MW202D-20191207MS

Tot Ion: 94 Resp: 205594

Ion Ratio Lower Upper

94 100

96 93.3 75.2 112.8



#6

Chloroethane

Concen: 50.308 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014065.D

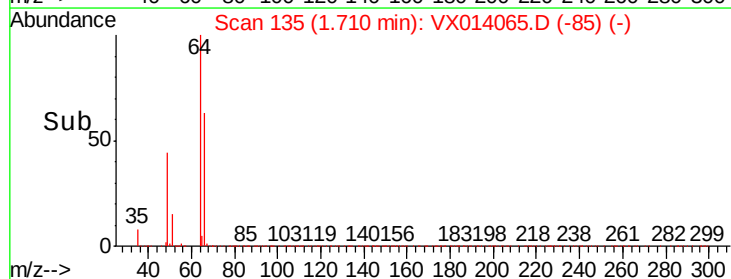
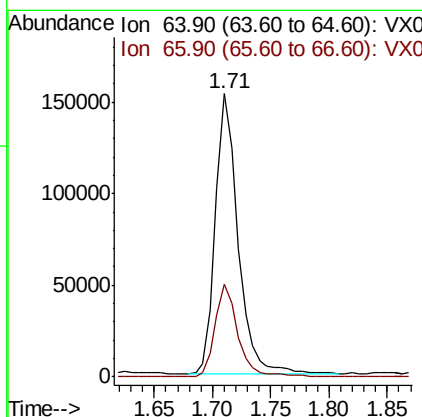
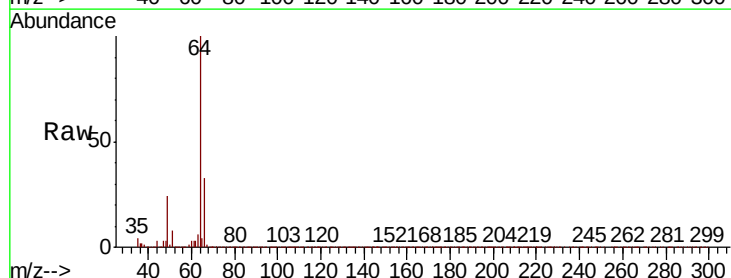
Acq: 17 Dec 2019 20:29

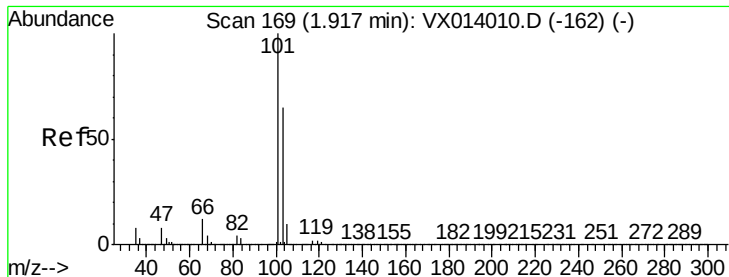
Tgt Ion: 64 Resp: 205108

Ion Ratio Lower Upper

64 100

66 32.7 23.4 35.2



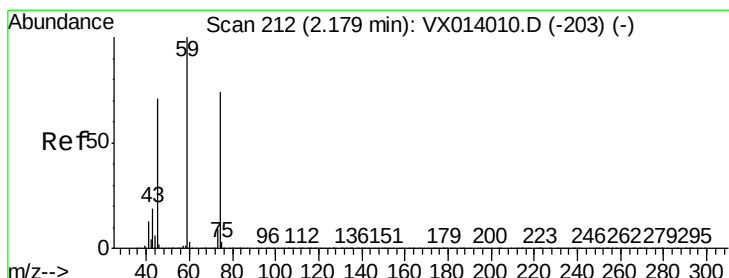
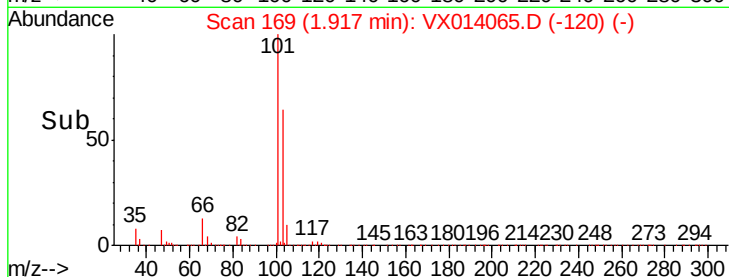
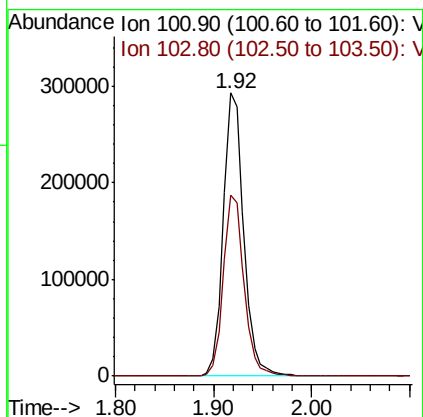
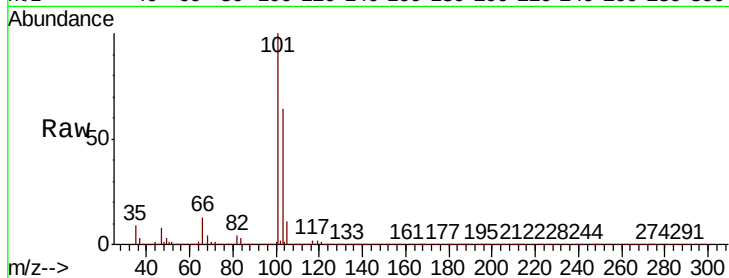


#7

Trichlorofluoromethane
Concen: 51.854 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

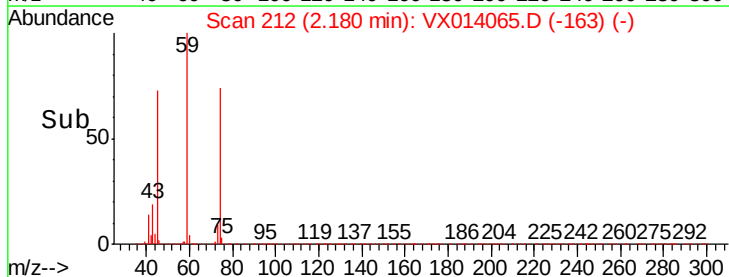
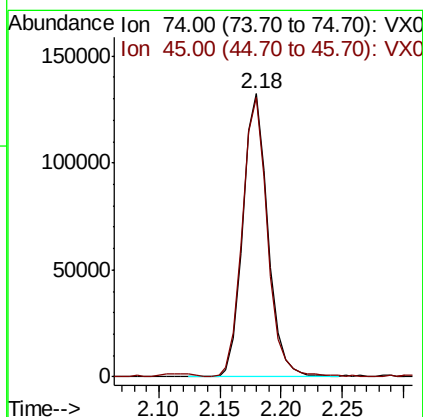
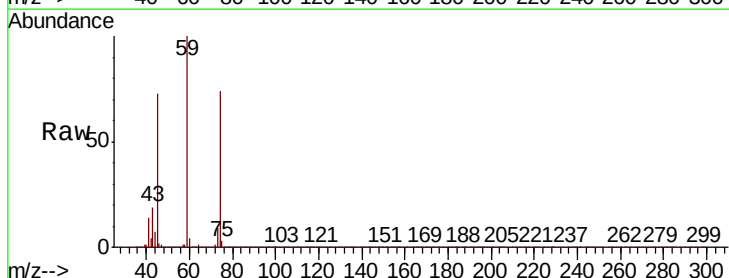
Tot Ion:101 Resp: 424035
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4

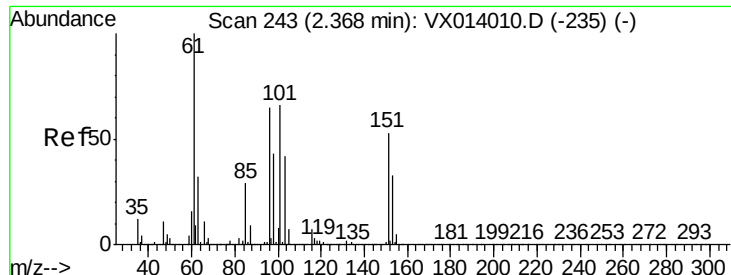


#8

Diethyl Ether
Concen: 48.624 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion: 74 Resp: 186613
Ion Ratio Lower Upper
74 100
45 98.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.910 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

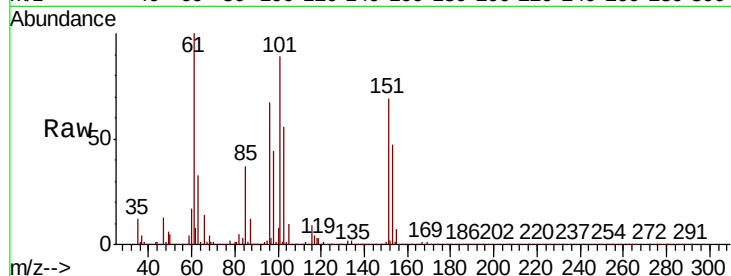
Tot Ion:101 Resp: 236168

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

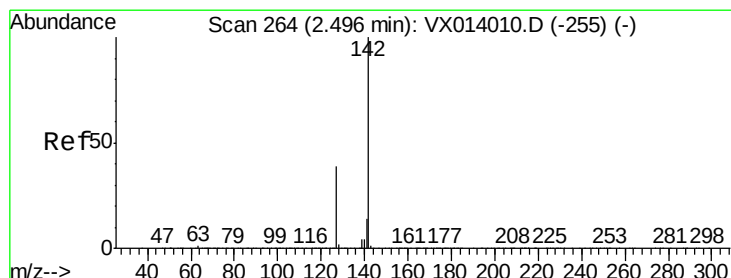
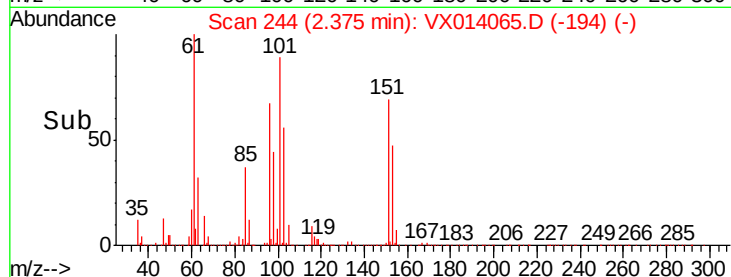
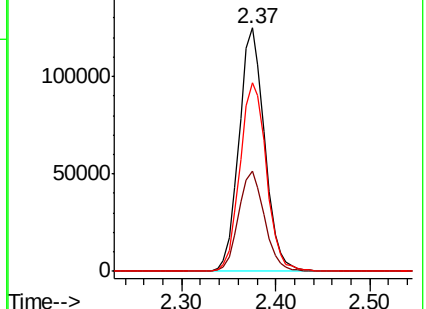
151 80.2 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.538 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

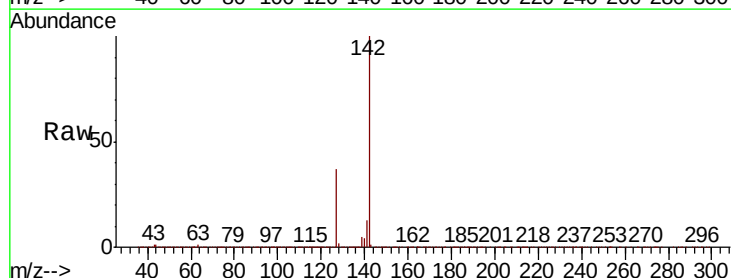
Tgt Ion:142 Resp: 328727

Ion Ratio Lower Upper

142 100

127 38.5 31.6 47.4

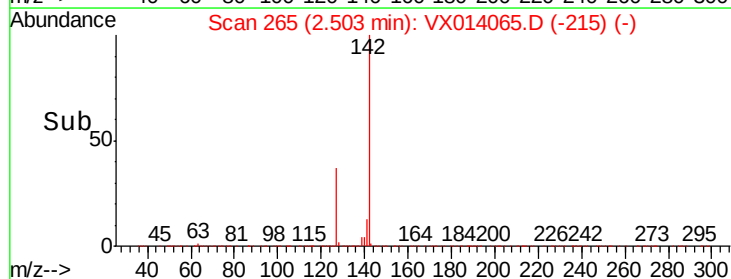
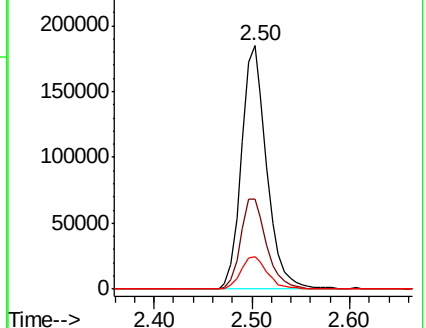
141 14.3 11.6 17.4

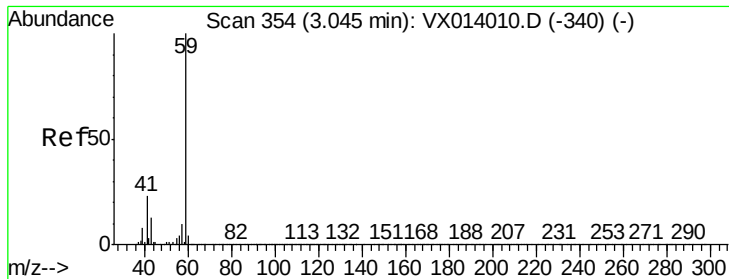


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



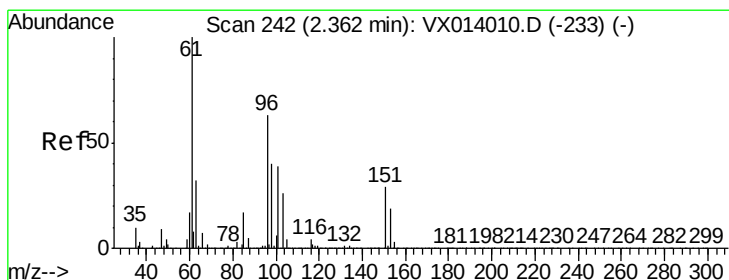
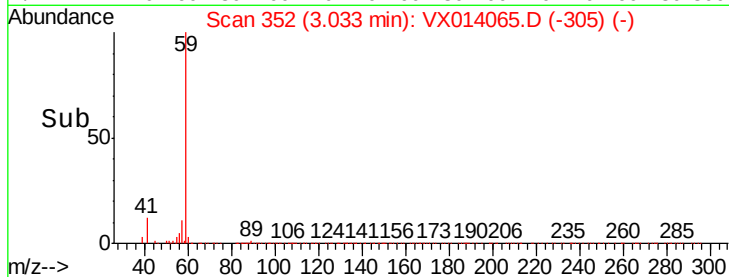
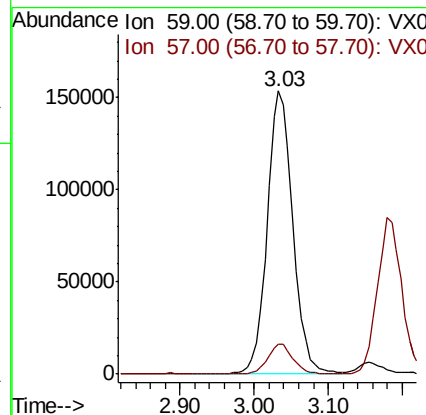
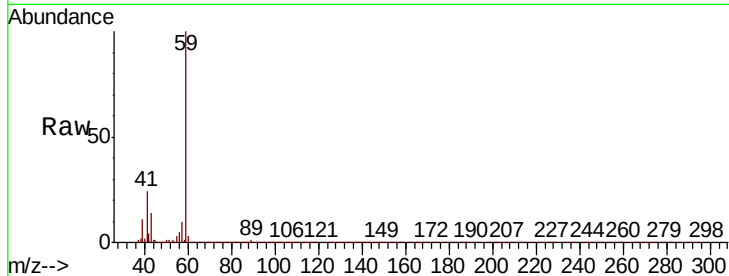


#11

Tert butyl alcohol
 Concen: 288.171 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

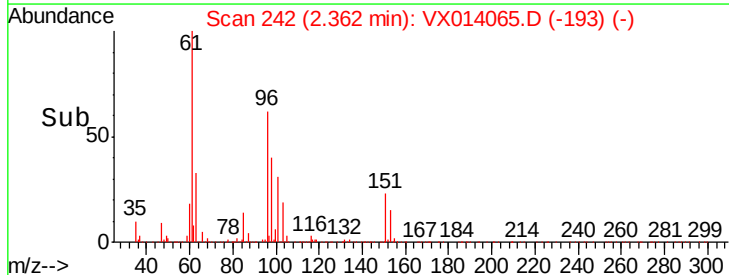
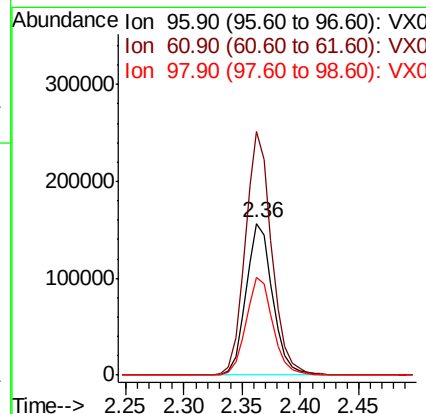
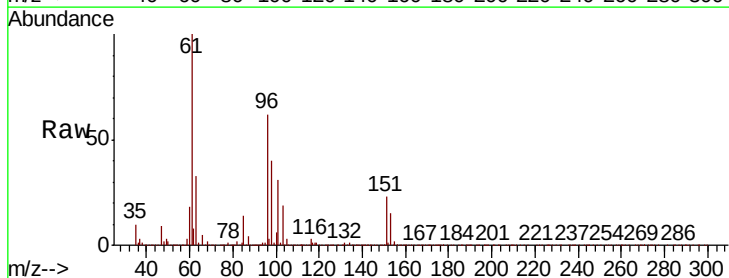
Tot Ion: 59 Resp: 367986
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

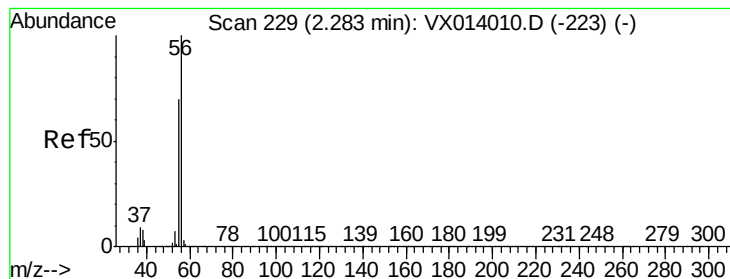


#12

1,1-Dichloroethene
 Concen: 49.839 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion: 96 Resp: 249988
 Ion Ratio Lower Upper
 96 100
 61 160.5 127.9 191.9
 98 64.2 50.5 75.7





#13

Acrolein

Concen: 321.151 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

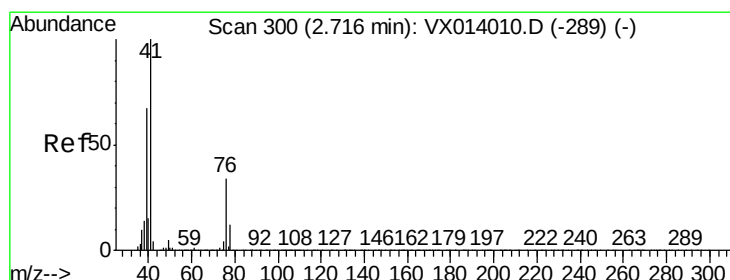
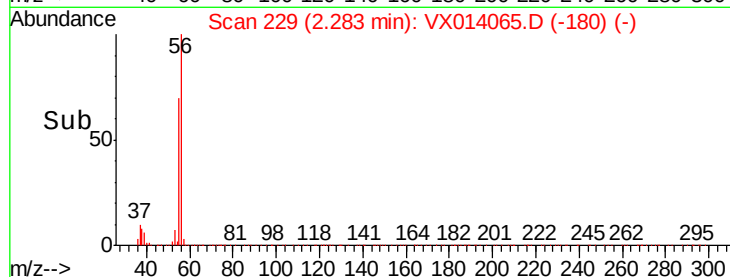
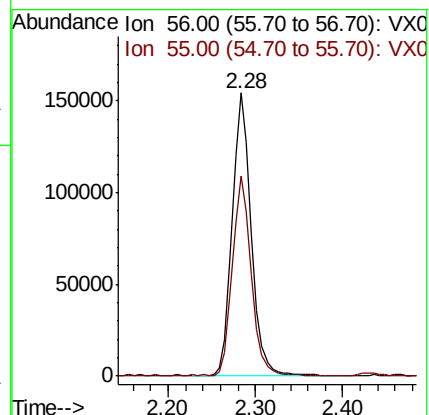
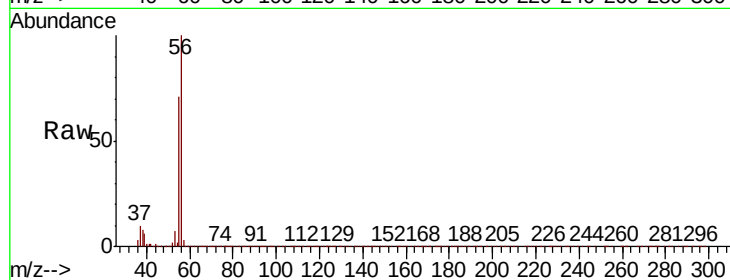
MW202D-20191207MS

Tot Ion: 56 Resp: 234755

Ion Ratio Lower Upper

56 100

55 68.9 56.9 85.3



#14

Allyl chloride

Concen: 47.713 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

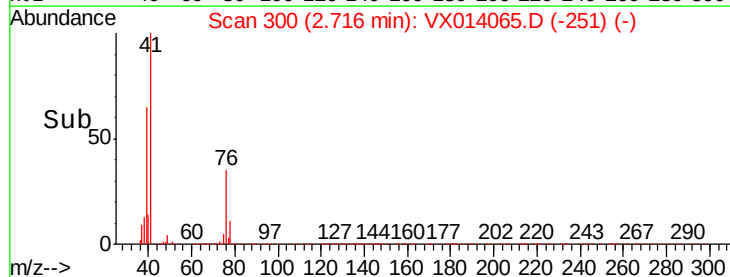
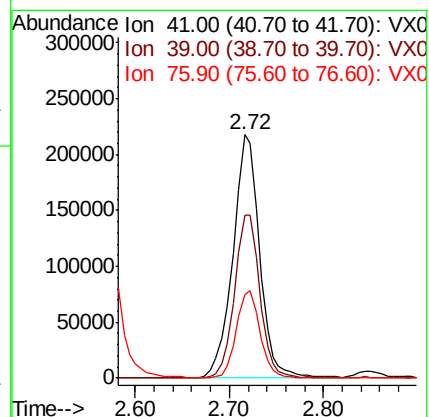
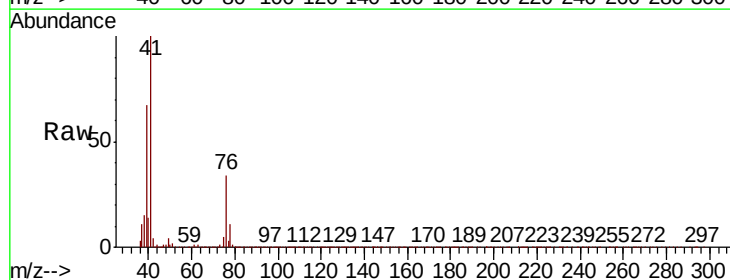
Tgt Ion: 41 Resp: 427311

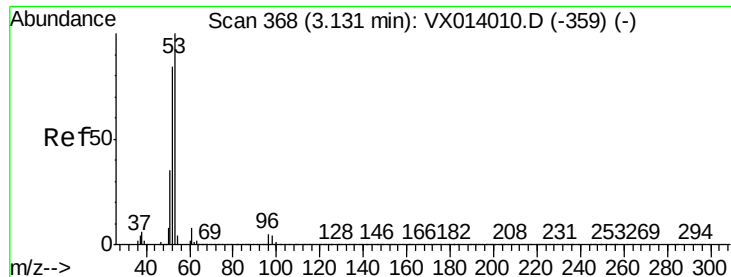
Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.8

76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 276.980 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

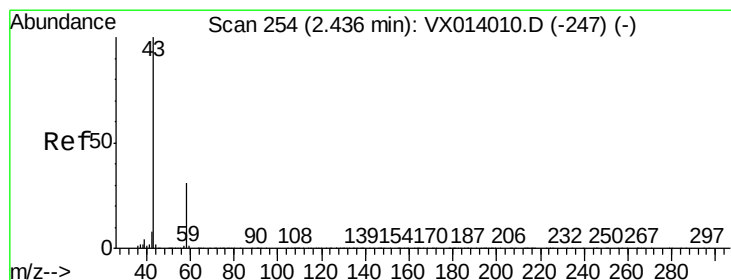
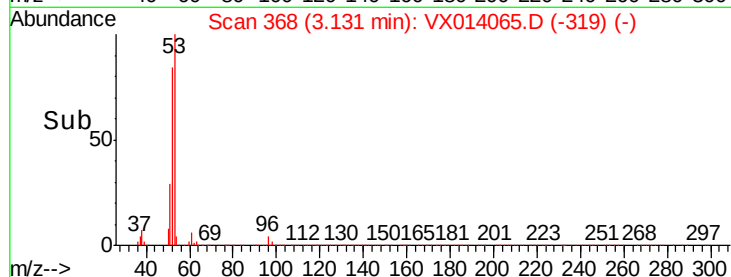
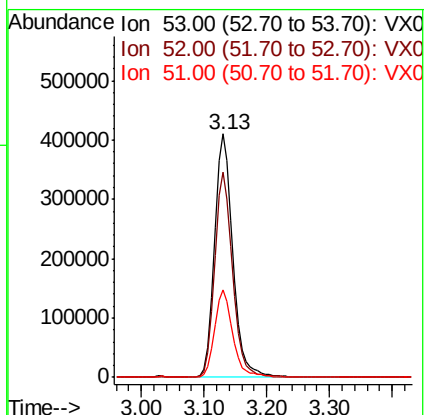
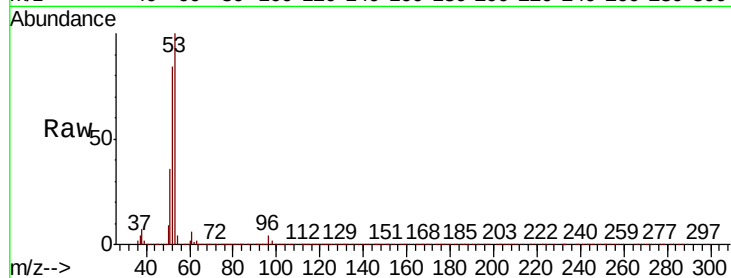
Tot Ion: 53 Resp: 825552

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

51 35.5 28.1 42.1



#16

Acetone

Concen: 189.933 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014065.D

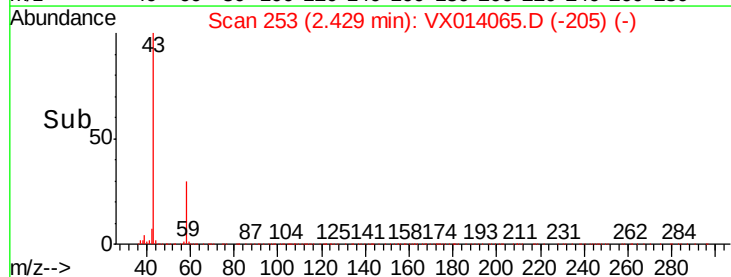
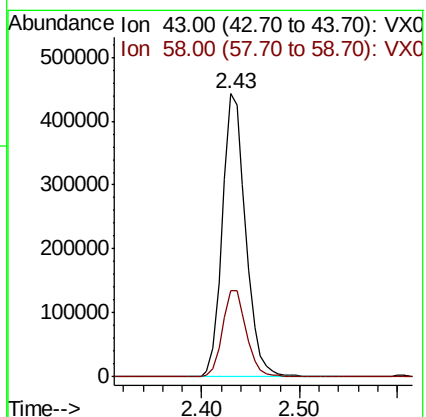
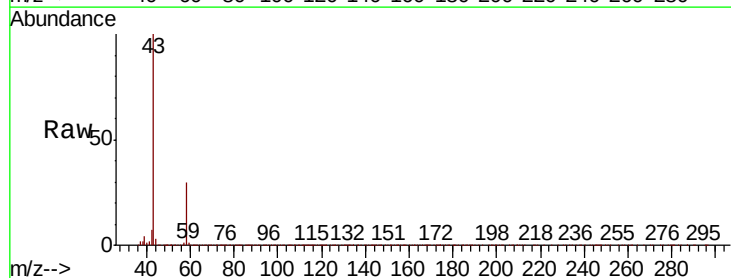
Acq: 17 Dec 2019 20:29

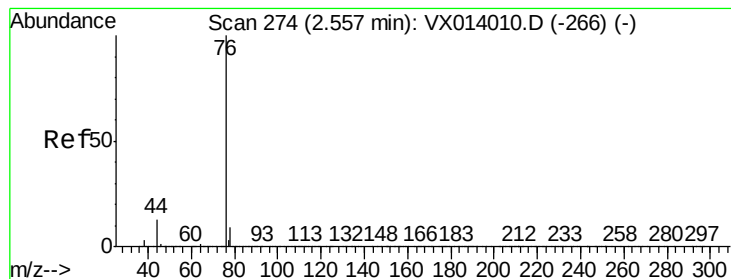
Tgt Ion: 43 Resp: 728721

Ion Ratio Lower Upper

43 100

58 30.3 24.9 37.3





#17

Carbon Disulfide

Concen: 48.068 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

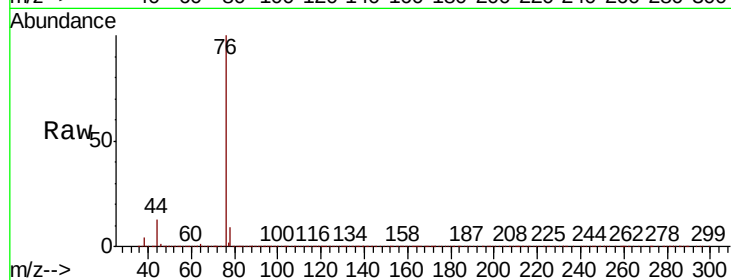
MW202D-20191207MS

Tot Ion: 76 Resp: 668937

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

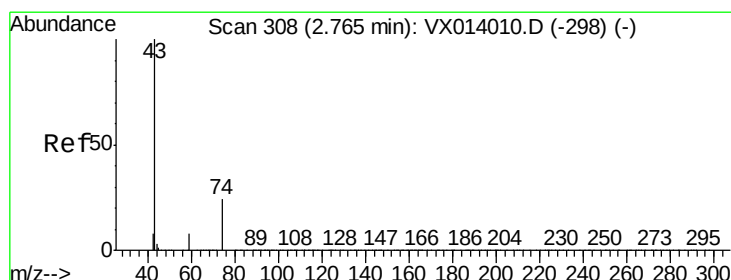
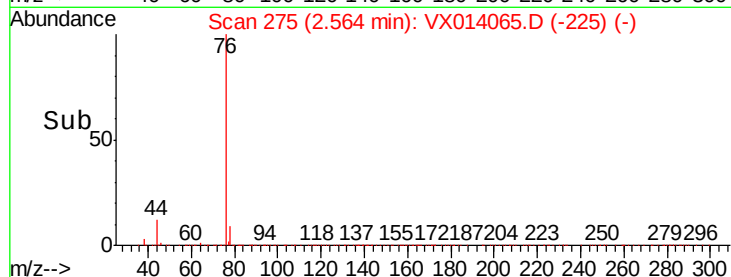
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 43.642 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014065.D

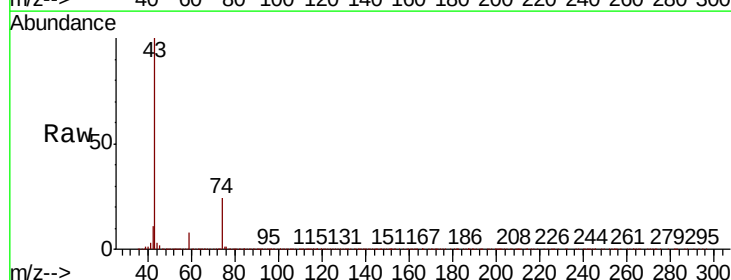
Acq: 17 Dec 2019 20:29

Tgt Ion: 43 Resp: 331795

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

200000

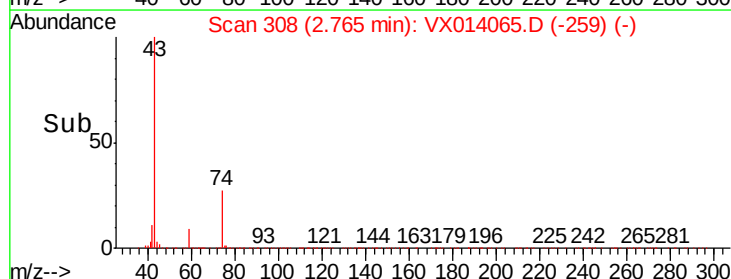
150000

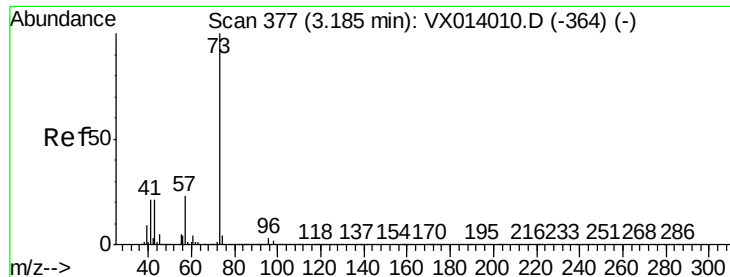
100000

50000

0

Time-->



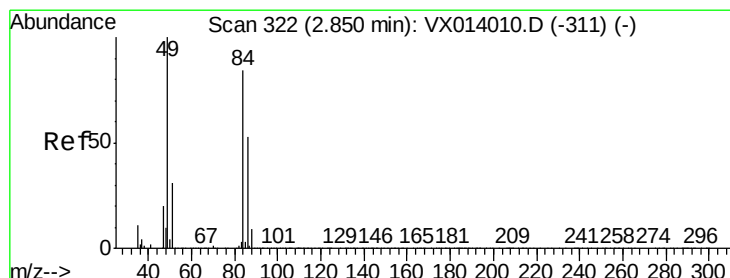
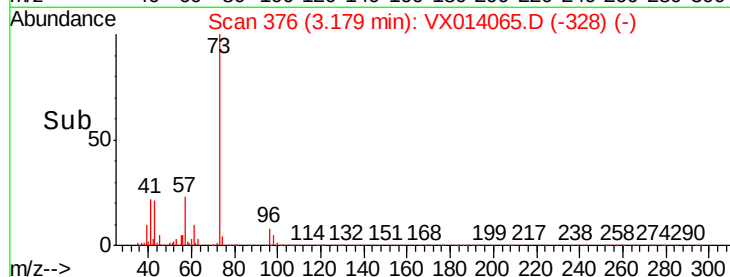
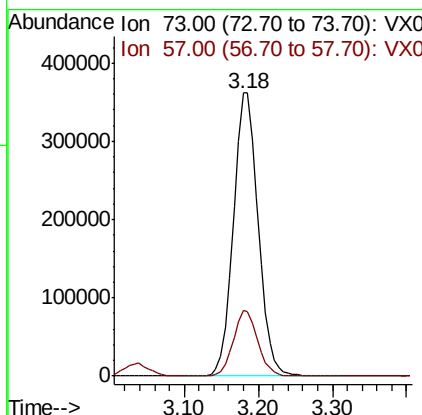
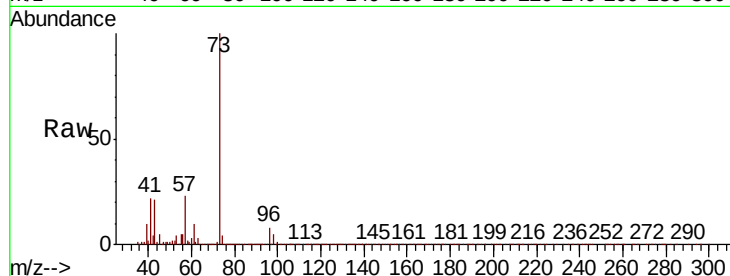


#19

Methyl tert-butyl Ether
 Concen: 51.096 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

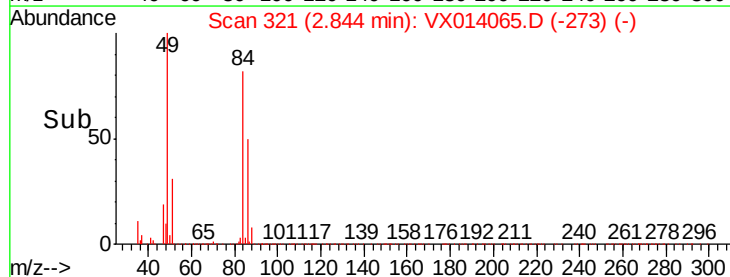
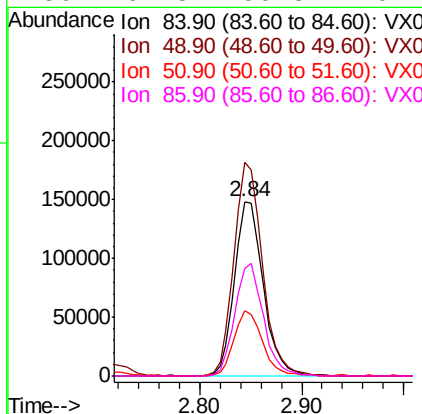
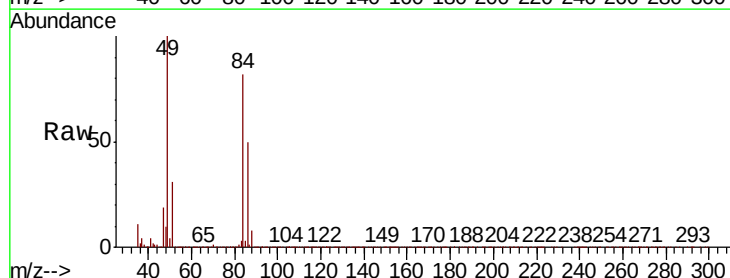
Tot Ion: 73 Resp: 842194
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.8 28.2

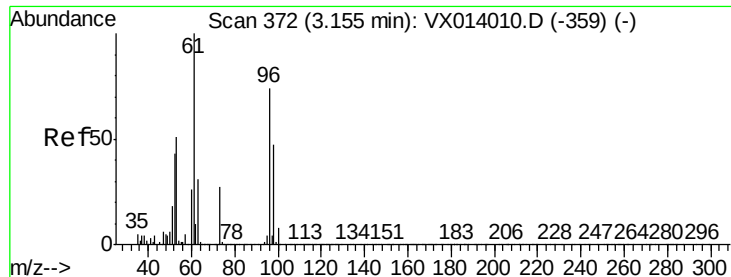


#20

Methylene Chloride
 Concen: 47.754 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion: 84 Resp: 288518
 Ion Ratio Lower Upper
 84 100
 49 122.5 95.8 143.6
 51 37.1 29.8 44.8
 86 61.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.427 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

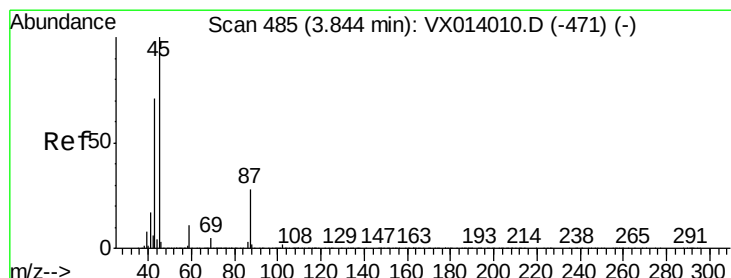
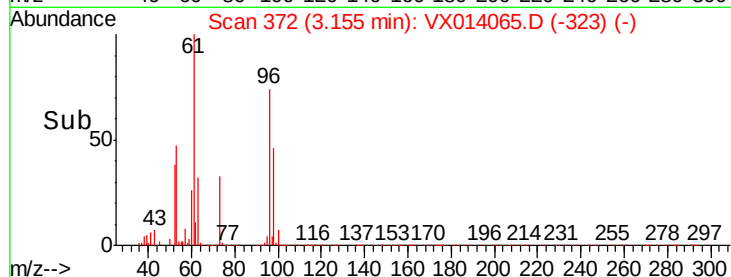
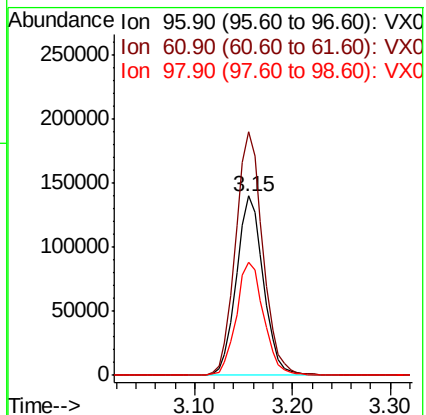
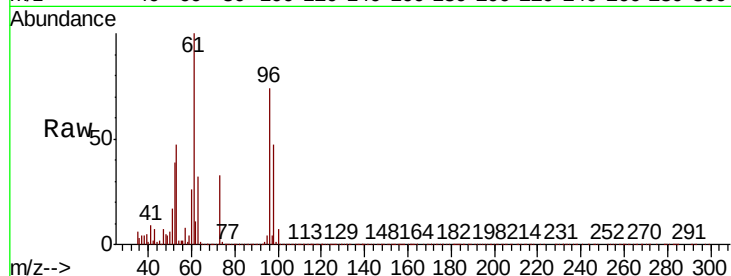
Tot Ion: 96 Resp: 267608

Ion Ratio Lower Upper

96 100

61 135.7 108.3 162.5

98 63.1 50.8 76.2



#22

Diisopropyl ether

Concen: 51.255 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Tgt Ion: 45 Resp: 914724

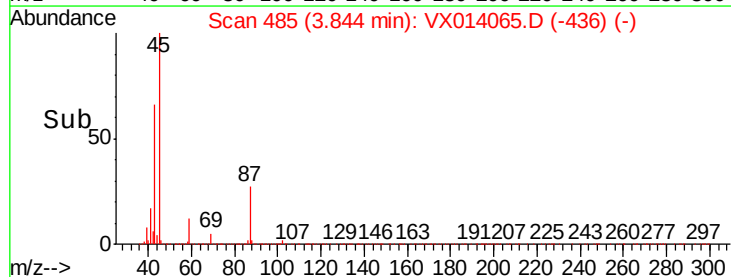
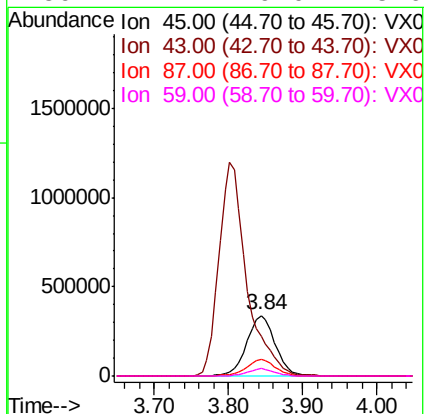
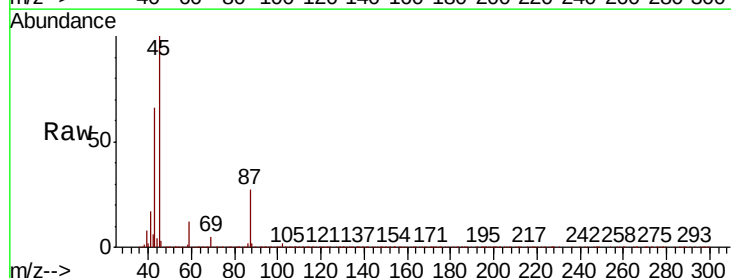
Ion Ratio Lower Upper

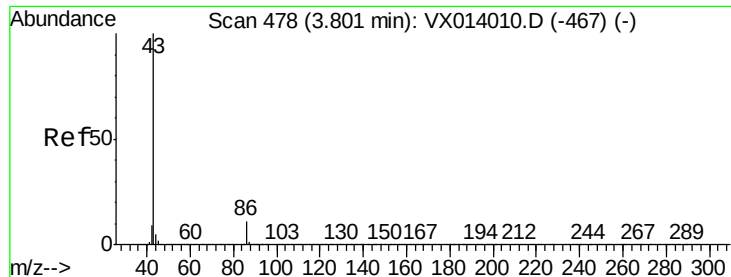
45 100

43 65.9 57.4 86.0

87 26.5 21.9 32.9

59 11.7 9.0 13.6





#23

Vinyl Acetate

Concen: 214.221 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

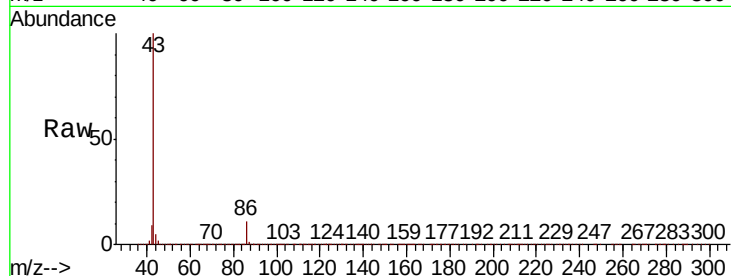
MW202D-20191207MS

Tot Ion: 43 Resp: 3119893

Ion Ratio Lower Upper

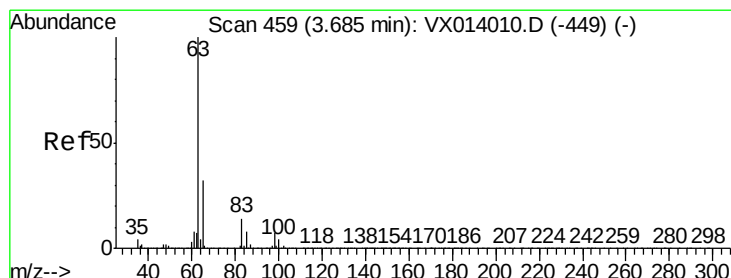
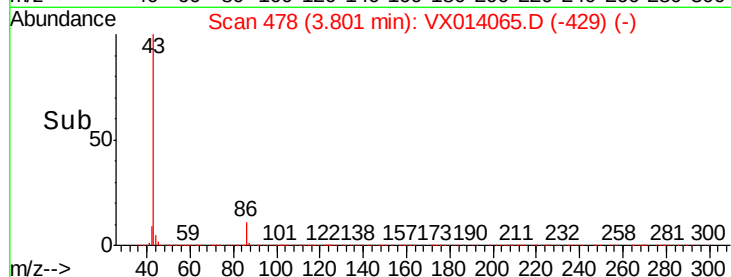
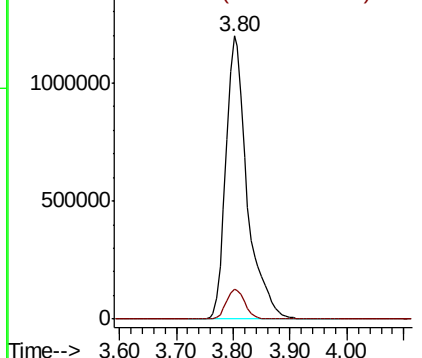
43 100

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: 52.132 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

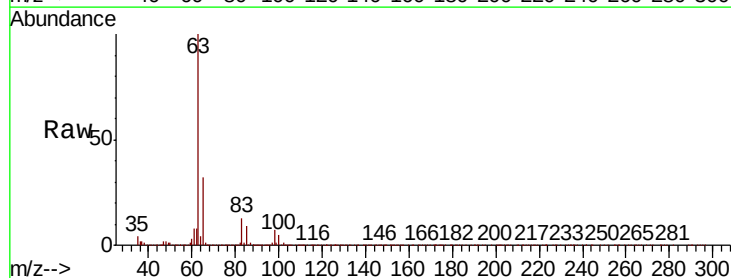
Tgt Ion: 63 Resp: 517627

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

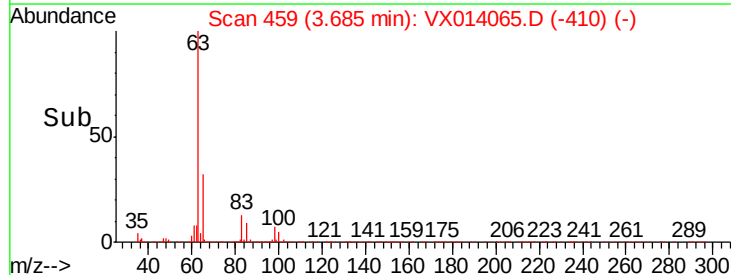
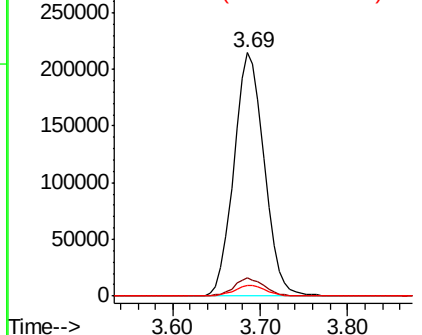
100 4.5 2.3 6.8

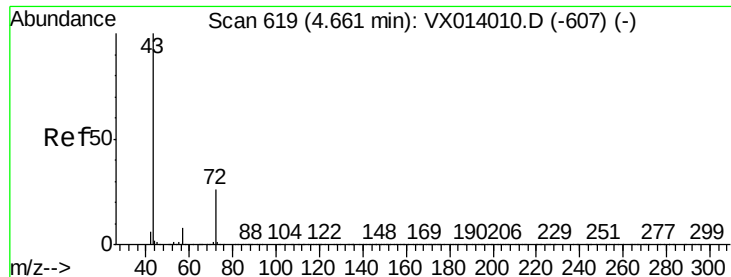


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.973 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

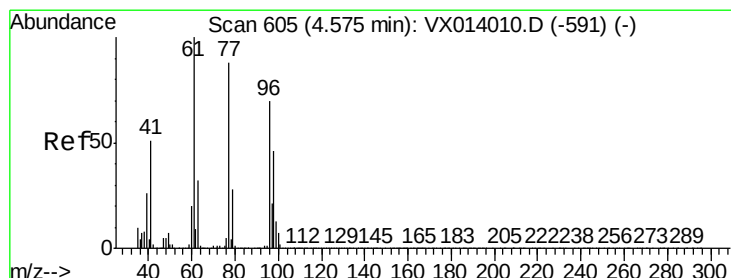
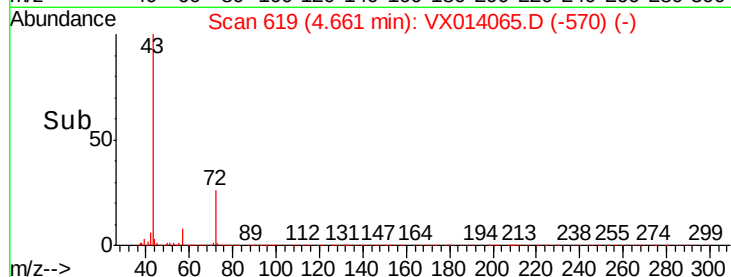
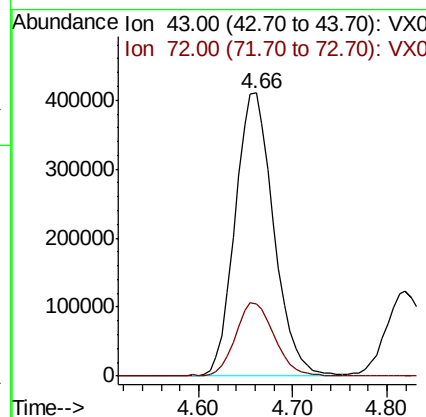
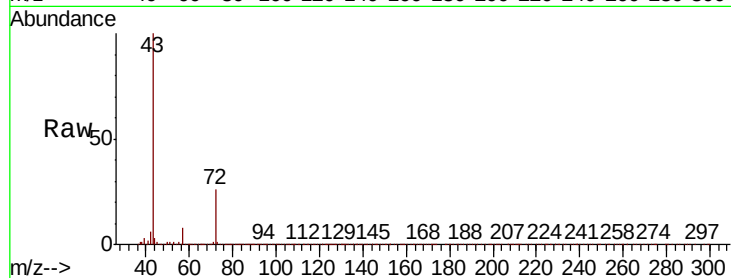
MW202D-20191207MS

Tot Ion: 43 Resp: 1168242

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 25.145 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014065.D

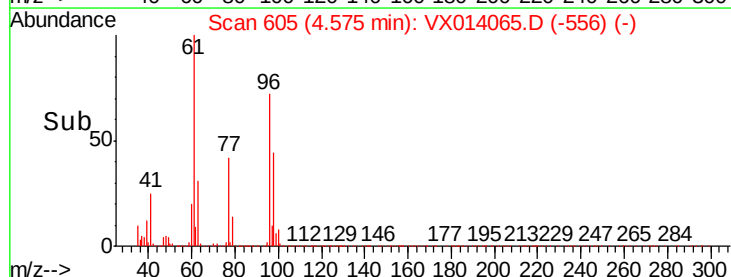
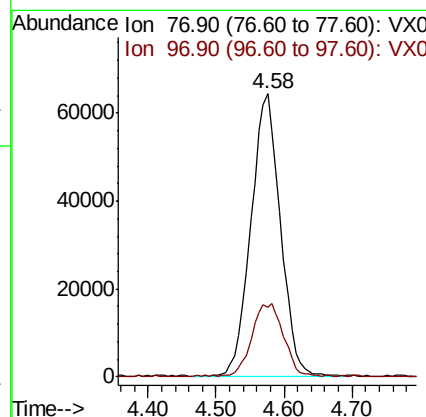
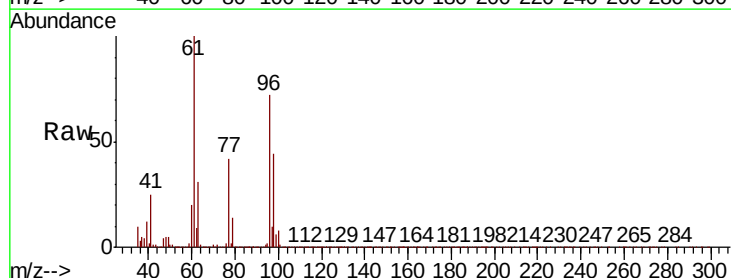
Acq: 17 Dec 2019 20:29

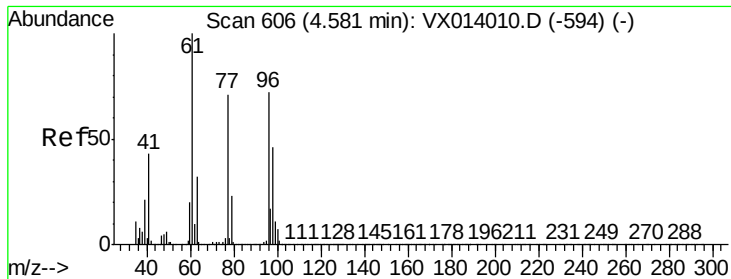
Tgt Ion: 77 Resp: 193849

Ion Ratio Lower Upper

77 100

97 27.3 11.9 35.9



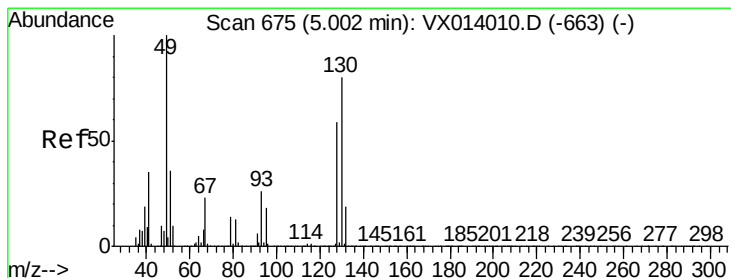
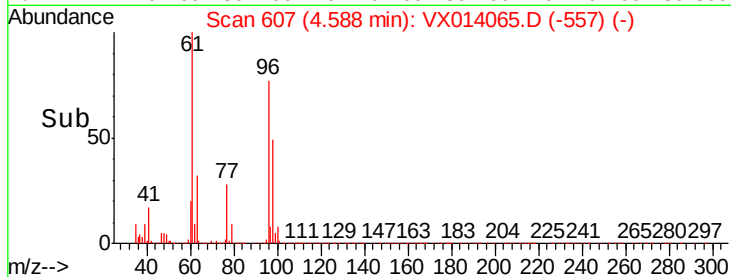
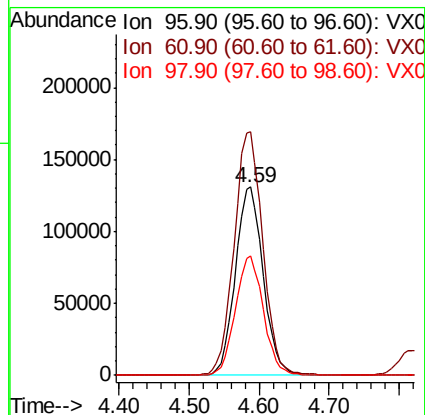
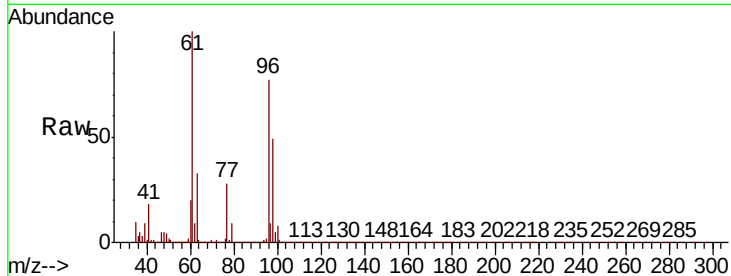


#27

cis-1,2-Dichloroethene
 Concen: 57.782 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

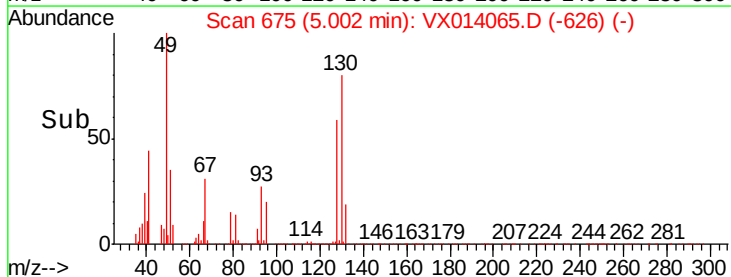
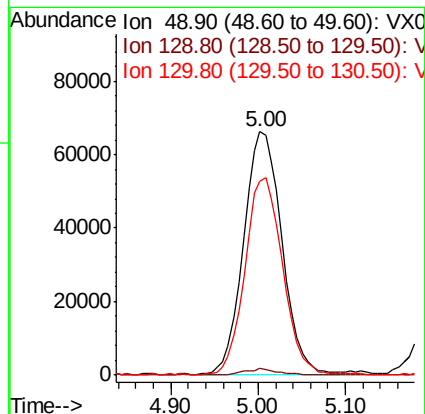
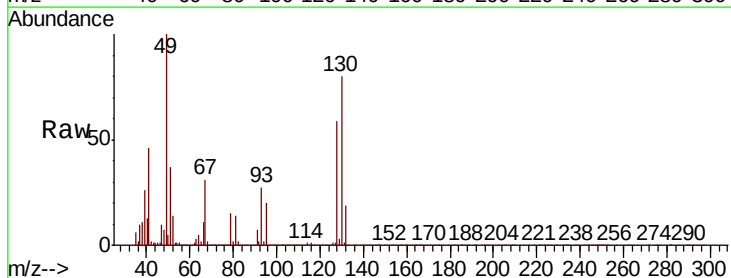
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	288.4
98	63.4	0.0	129.6

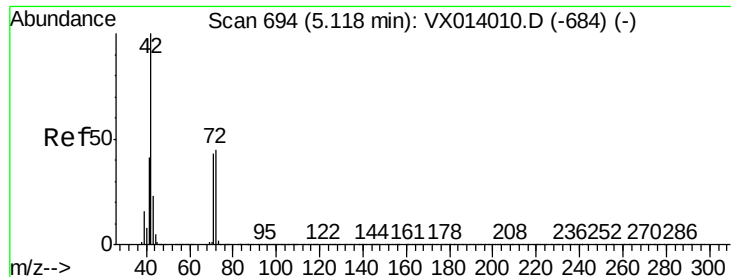


#28

Bromochloromethane
 Concen: 52.524 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	79.9	64.6	97.0





#29

Tetrahydrofuran

Concen: 287.969 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

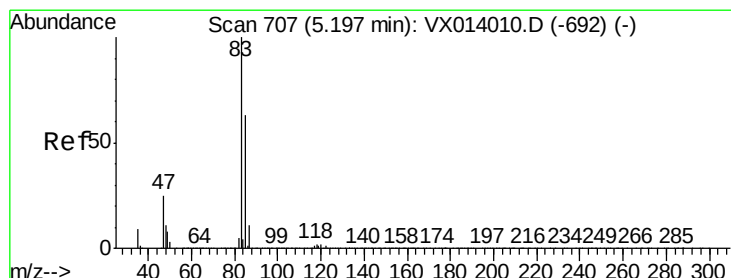
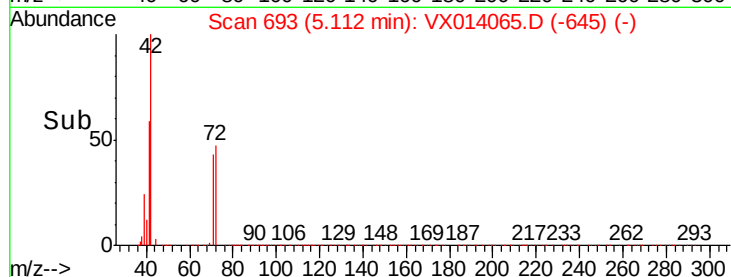
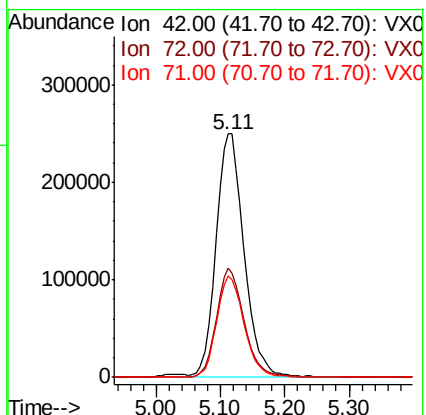
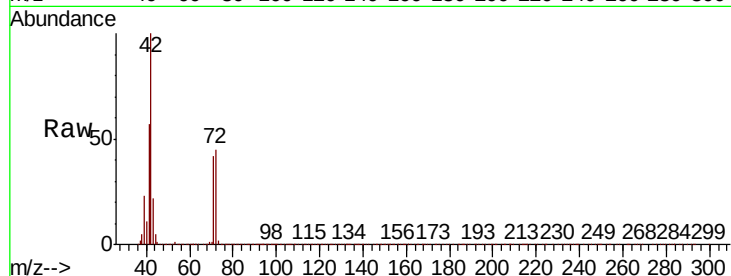
Tot Ion: 42 Resp: 761892

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.8

71 40.6 33.6 50.4



#30

Chloroform

Concen: 50.743 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014065.D

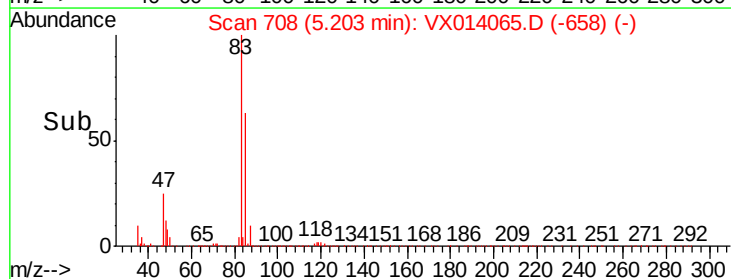
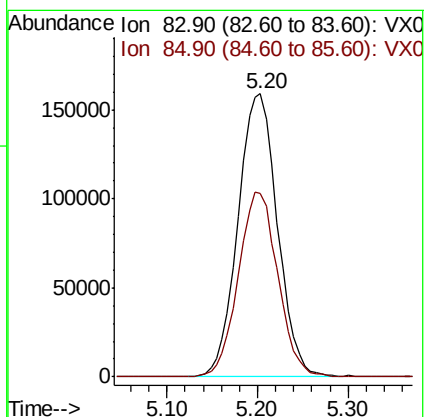
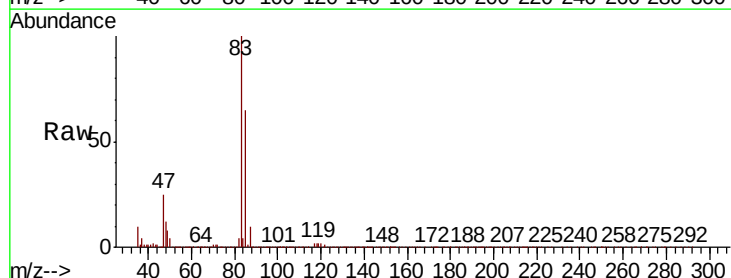
Acq: 17 Dec 2019 20:29

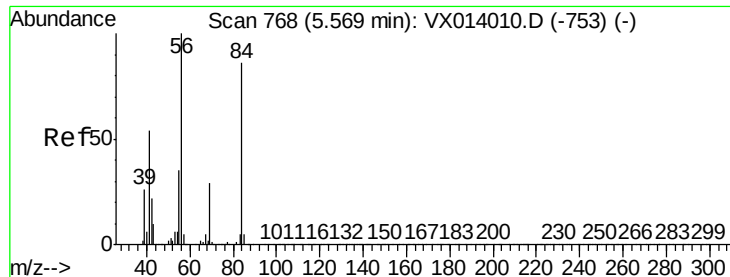
Tgt Ion: 83 Resp: 477619

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

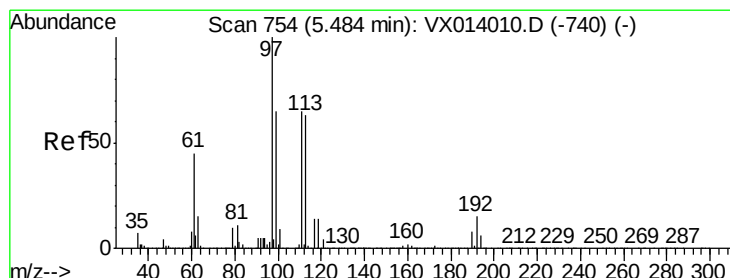
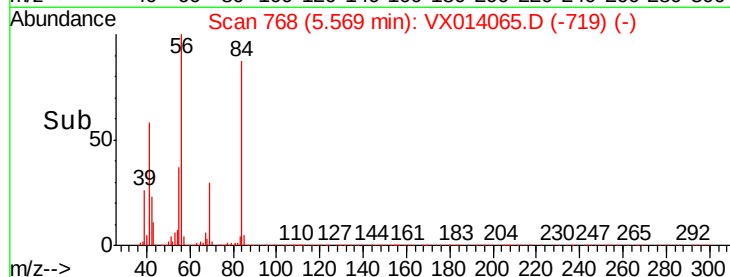
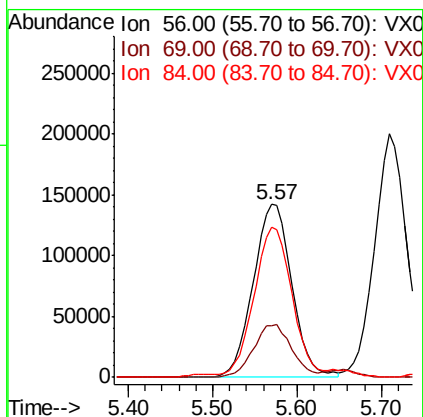
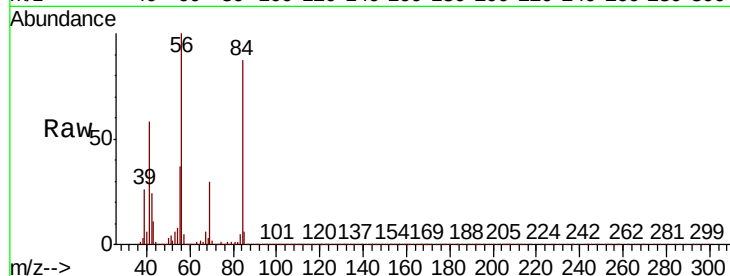




#31
Cyclohexane
Concen: 50.405 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

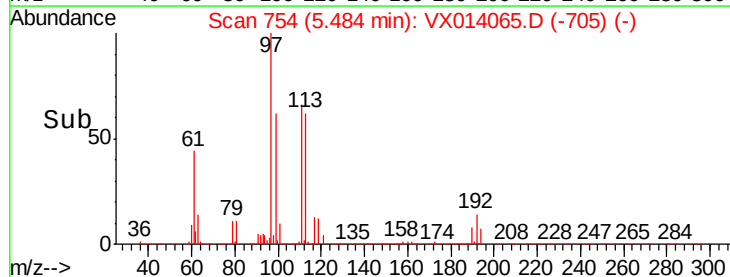
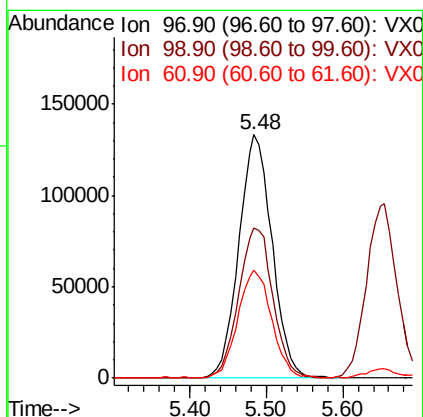
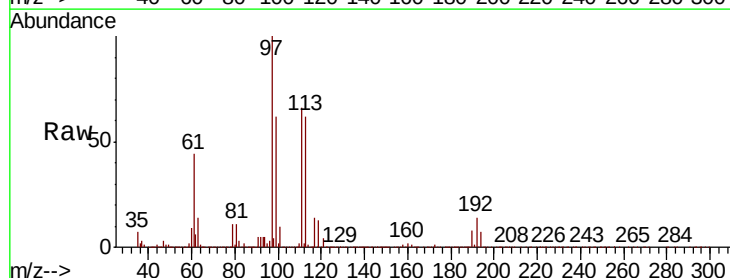
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

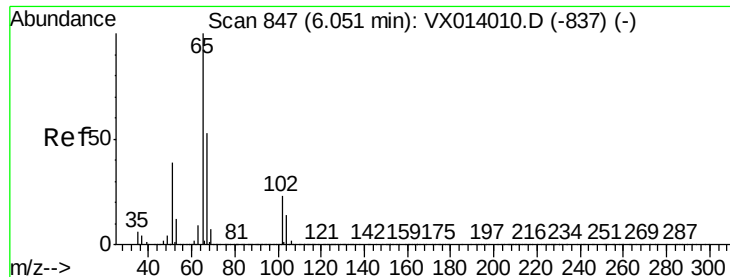
Tot Ion: 56 Resp: 445130
Ion Ratio Lower Upper
56 100
69 30.0 23.2 34.8
84 86.3 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.924 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion: 97 Resp: 400496
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 44.7 36.7 55.1

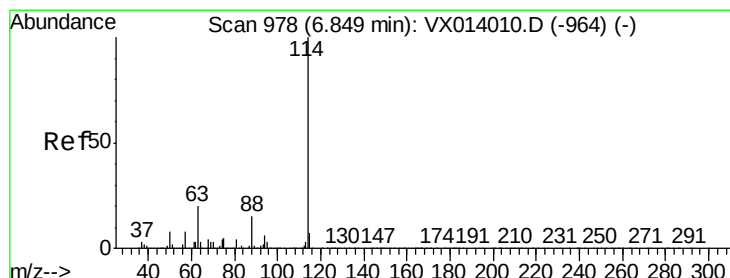
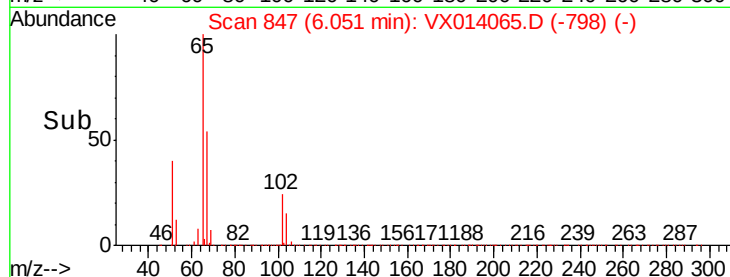
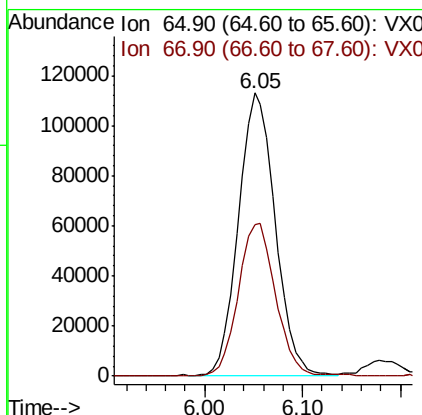
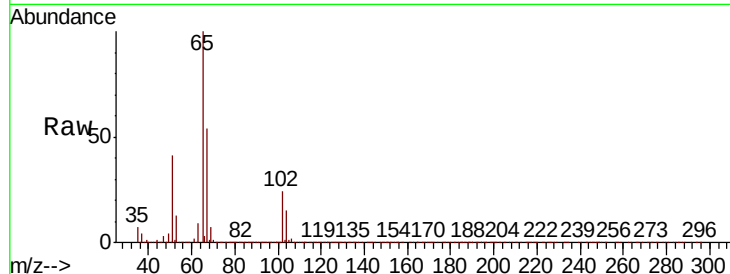




#33
 1,2-Dichloroethane-d4
 Concen: 49.784 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

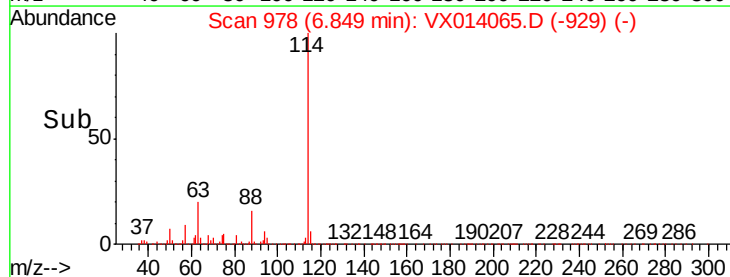
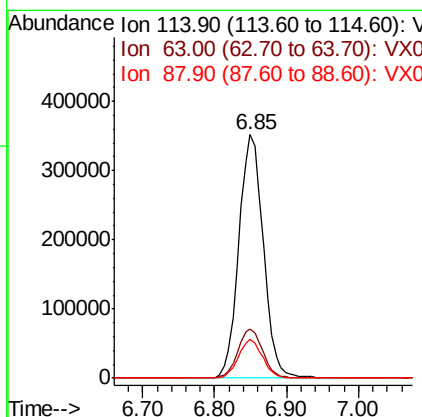
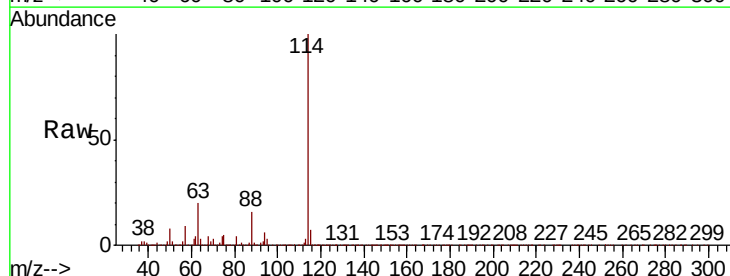
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

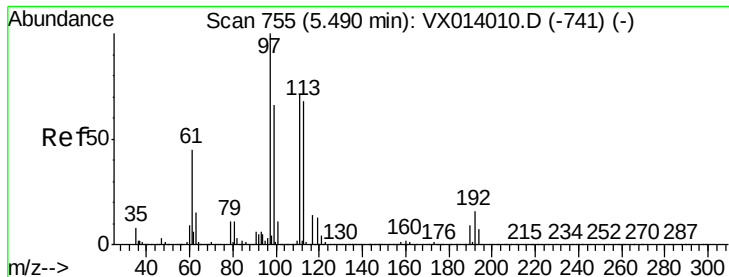
Tot Ion: 65 Resp: 294211
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion: 114 Resp: 830869
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.303 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

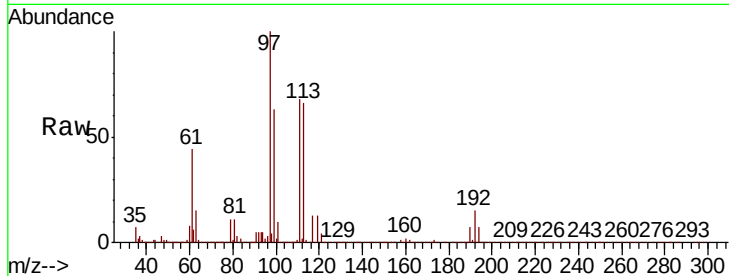
Tot Ion:113 Resp: 243965

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

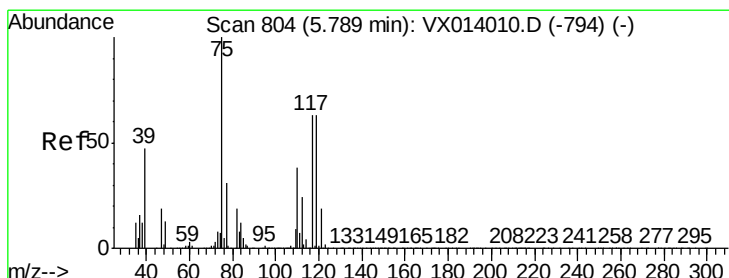
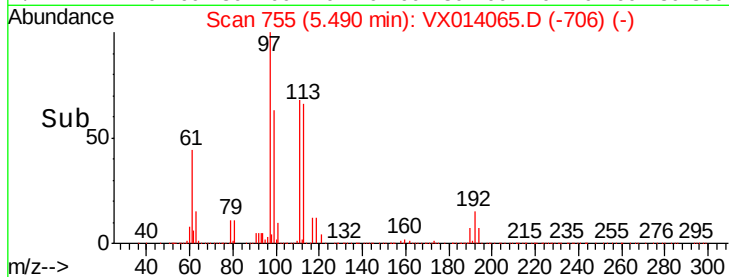
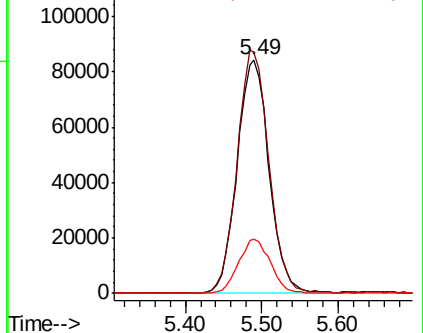
192 23.0 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.920 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

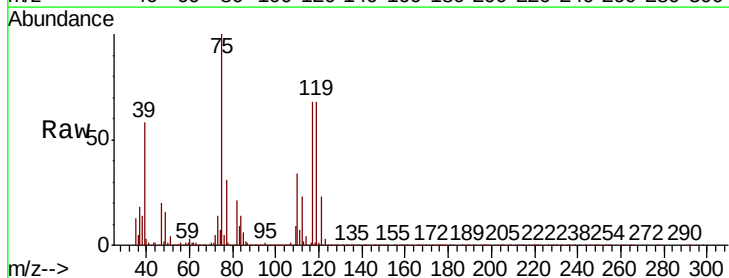
Tgt Ion: 75 Resp: 357704

Ion Ratio Lower Upper

75 100

110 36.0 18.3 54.9

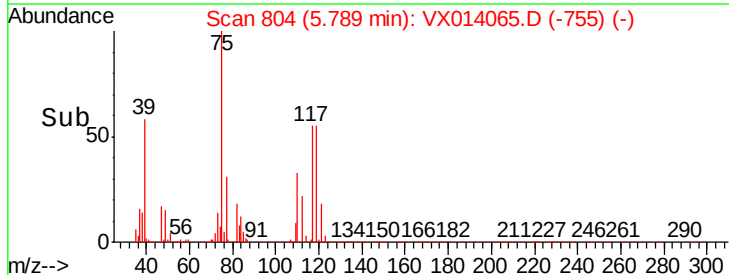
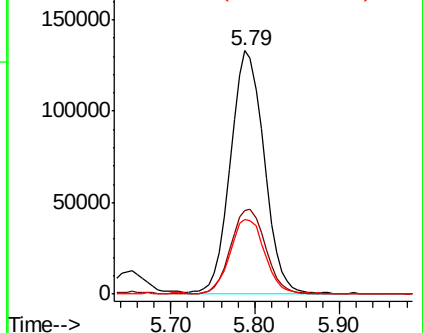
77 31.8 24.8 37.2

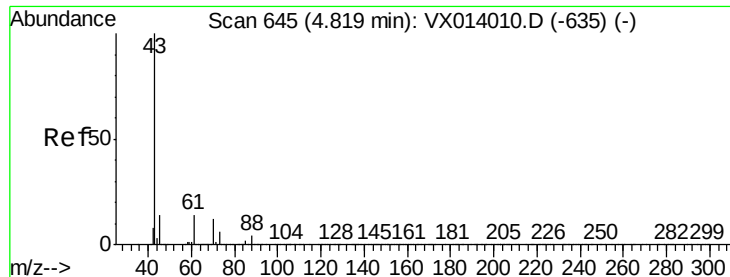


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

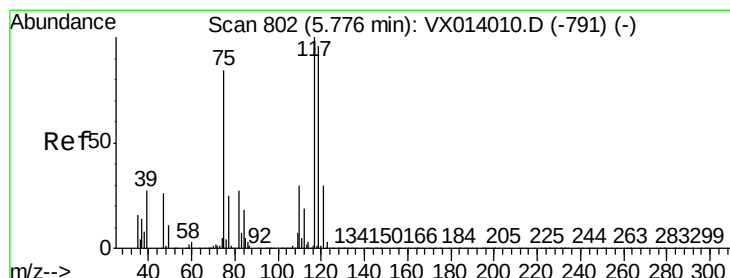
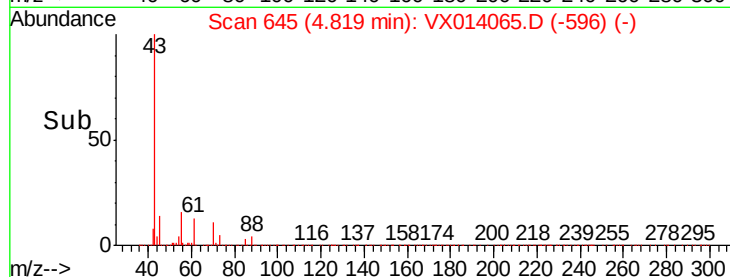
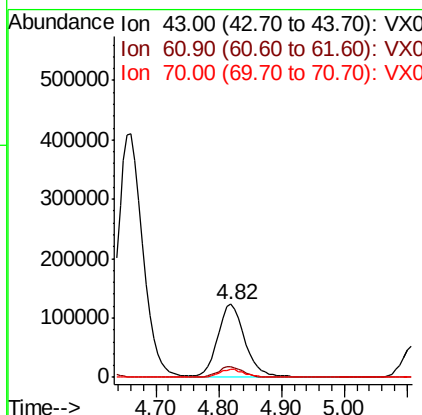
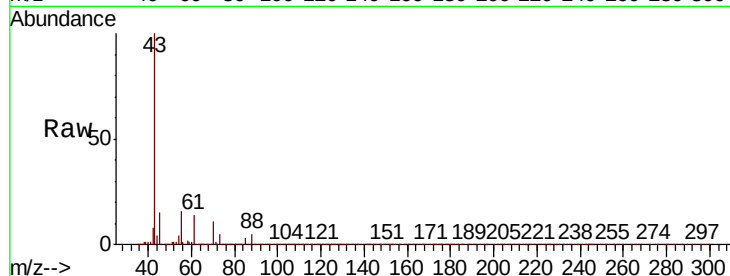




#37
Ethyl Acetate
Concen: 43.827 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

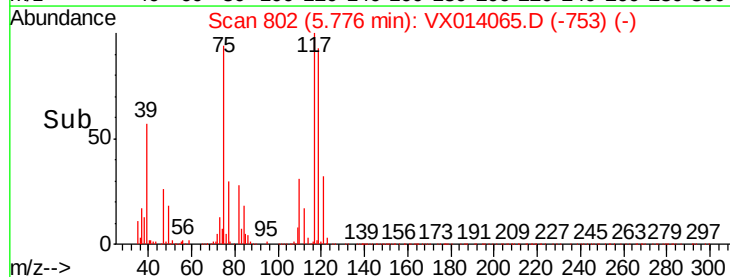
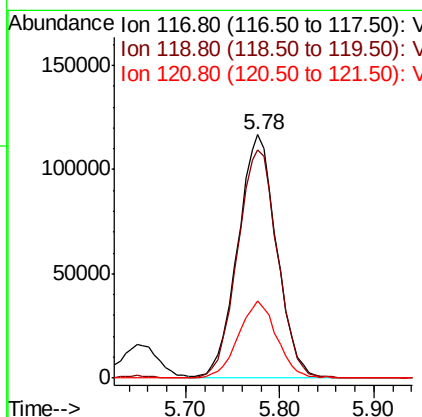
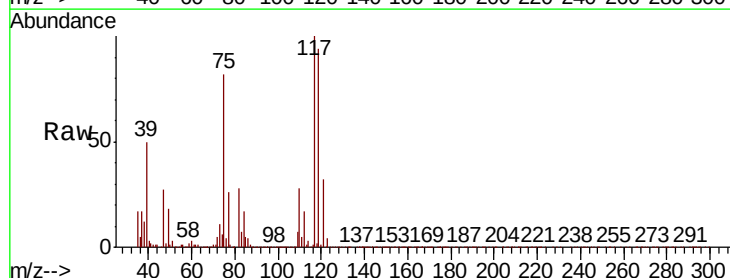
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

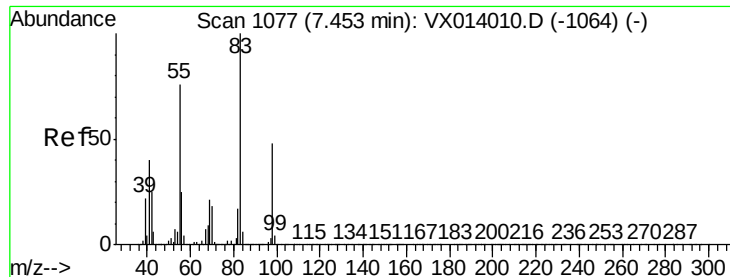
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.3	8.6	12.8



#38
Carbon Tetrachloride
Concen: 48.057 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.2	114.4
121	31.6	23.6	35.4

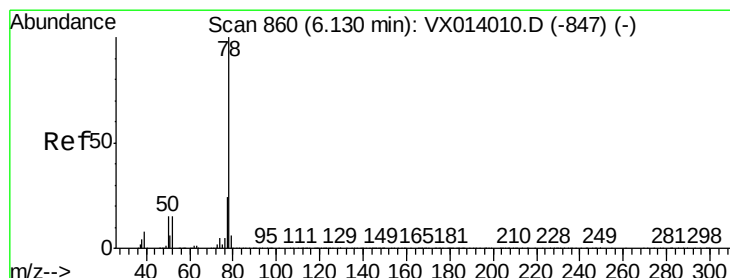
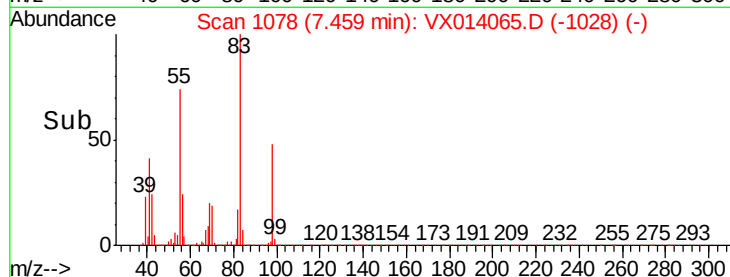
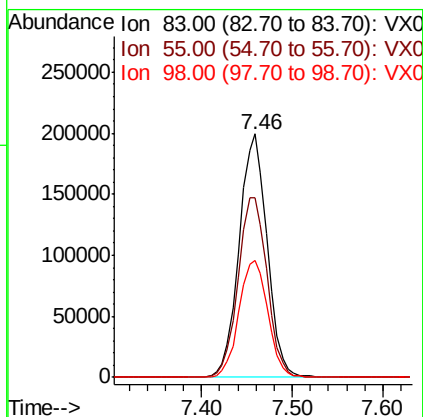
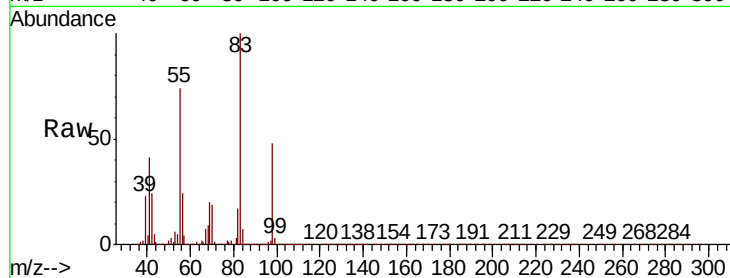




#39
Methylvlcyclohexane
Concen: 44.995 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

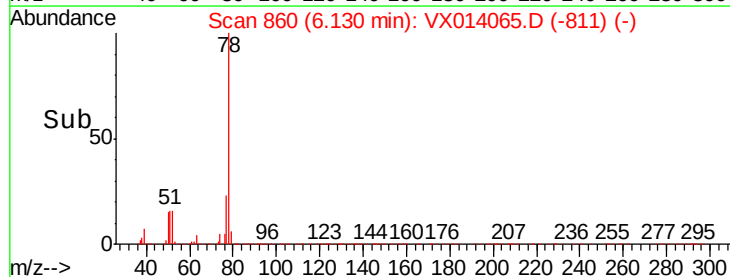
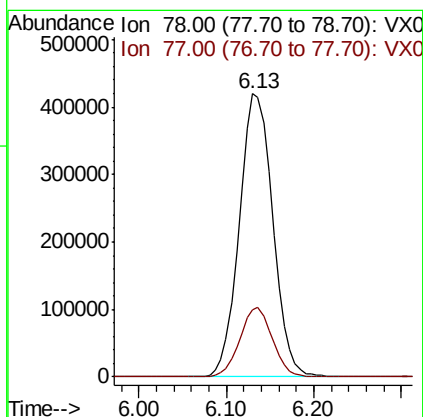
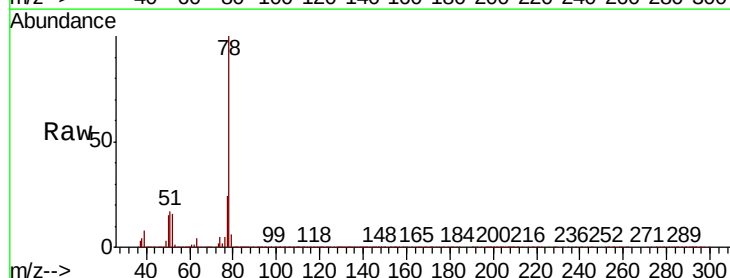
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

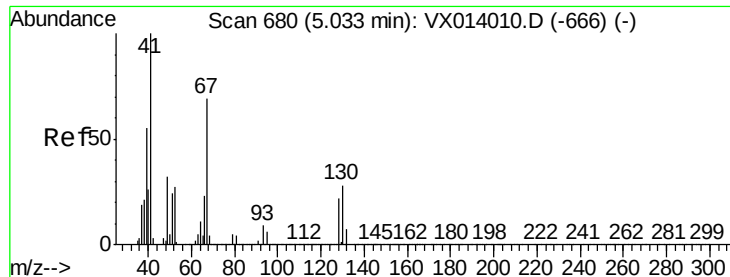
Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.0	91.6
98	48.1	38.6	57.8



#40
Benzene
Concen: 47.732 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

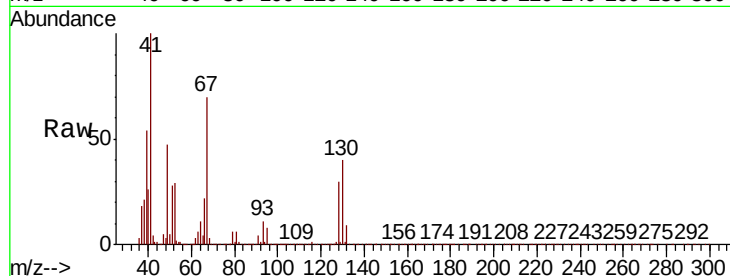




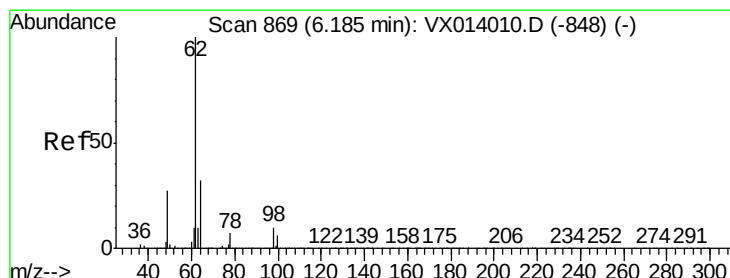
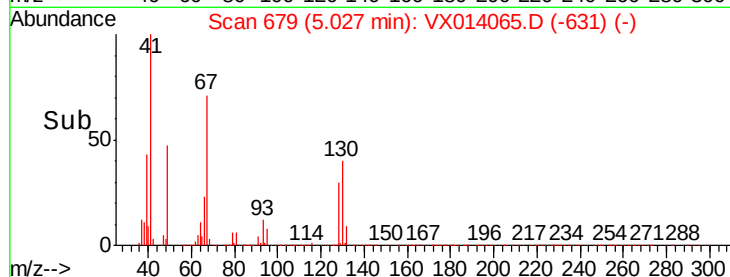
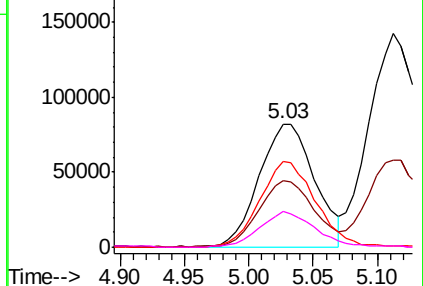
#41
Methacrylonitrile
Concen: 52.318 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

Tot Ion:	41	Resp:	244382
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.5	66.7
67	70.4	57.4	86.0
52	28.2	23.0	34.4

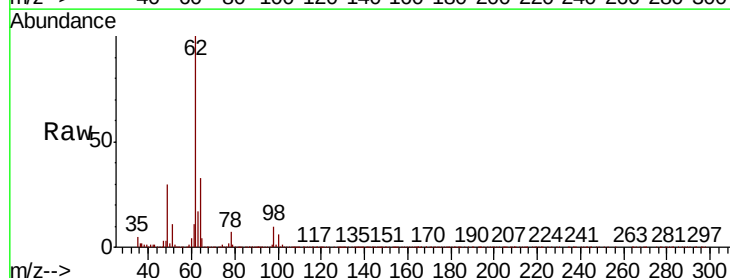


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

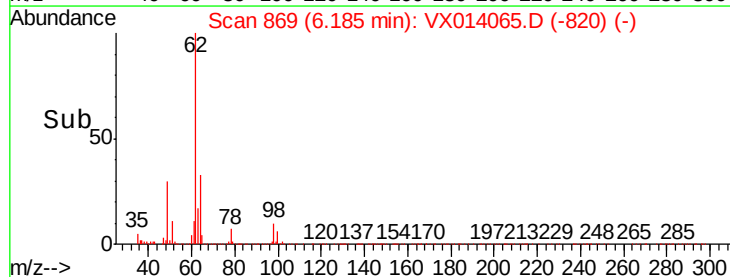
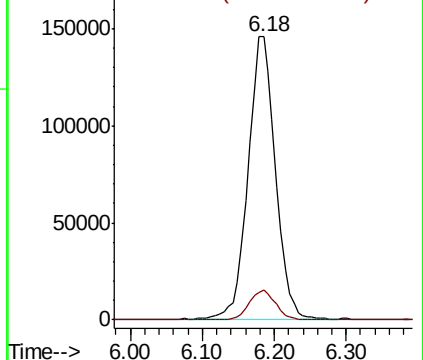


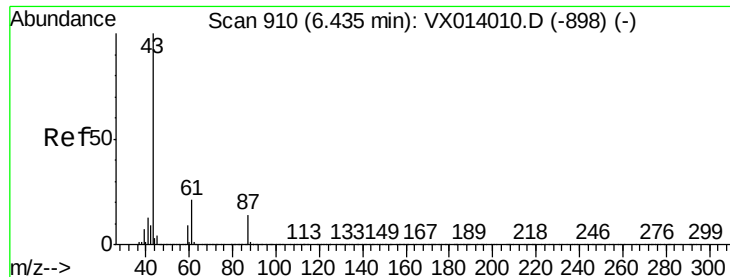
#42
1,2-Dichloroethane
Concen: 48.259 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion:	62	Resp:	383731
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 44.597 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

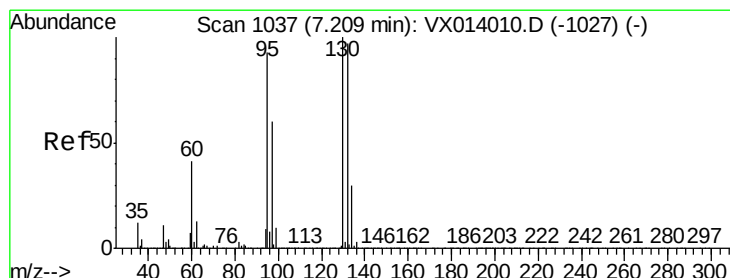
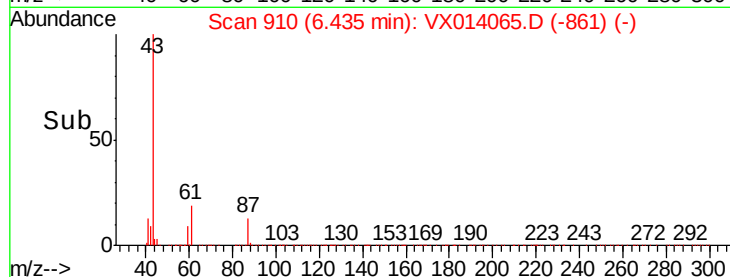
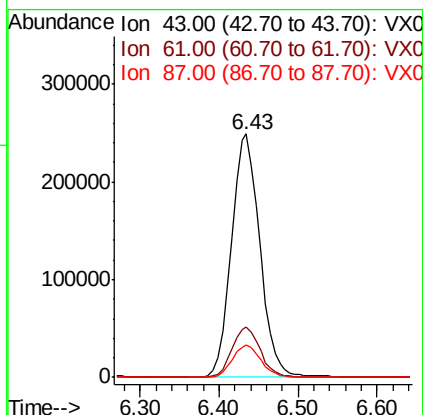
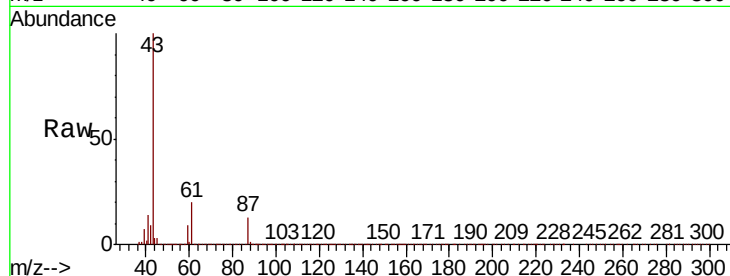
Tot Ion: 43 Resp: 621347

Ion Ratio Lower Upper

43 100

61 20.2 16.4 24.6

87 13.2 10.7 16.1



#44

Trichloroethene

Concen: 89.068 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014065.D

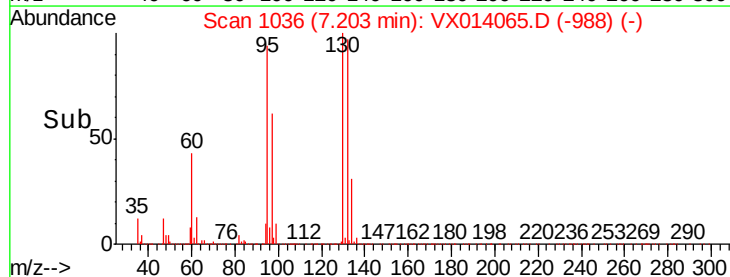
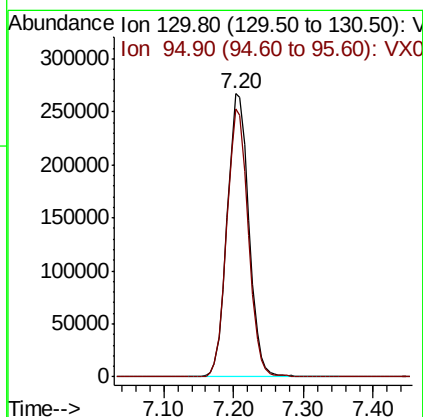
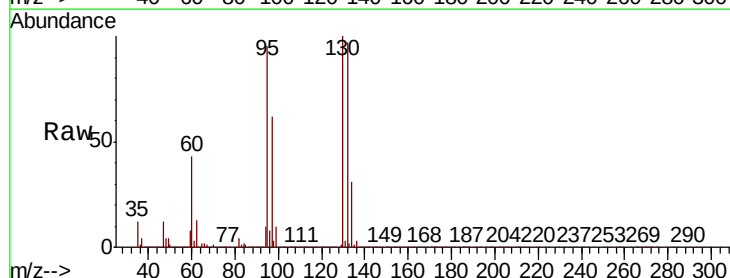
Acq: 17 Dec 2019 20:29

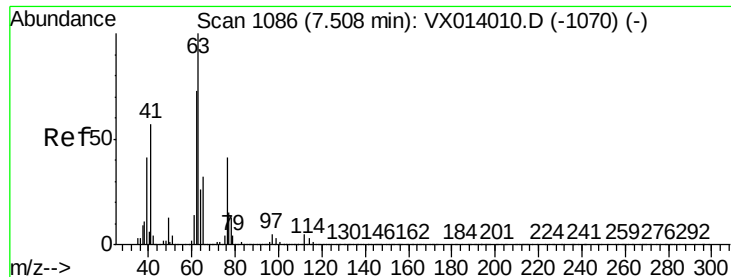
Tgt Ion:130 Resp: 577078

Ion Ratio Lower Upper

130 100

95 94.5 0.0 185.6

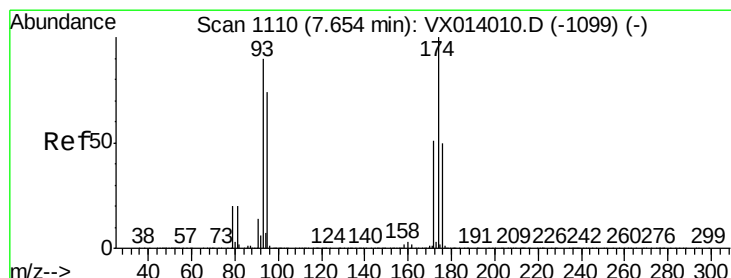
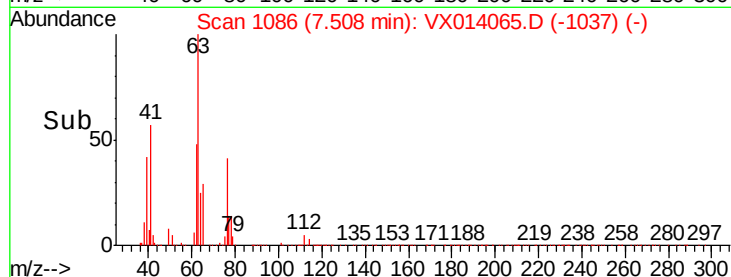
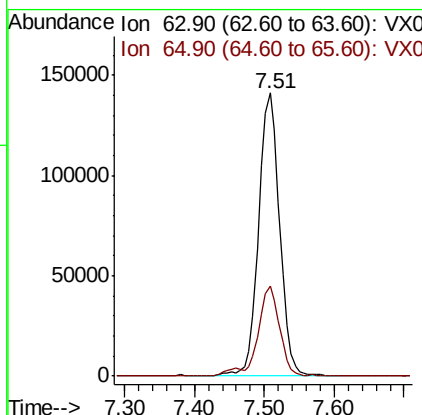
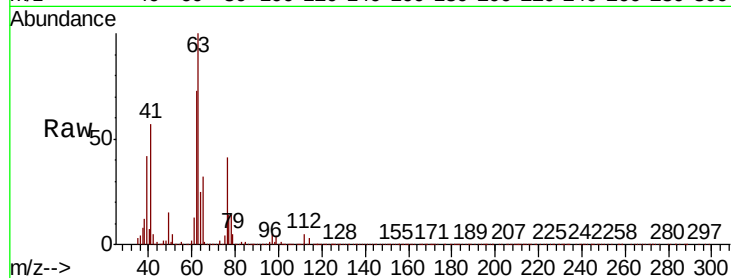




#45
 1,2-Dichloropropane
 Concen: 48.894 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

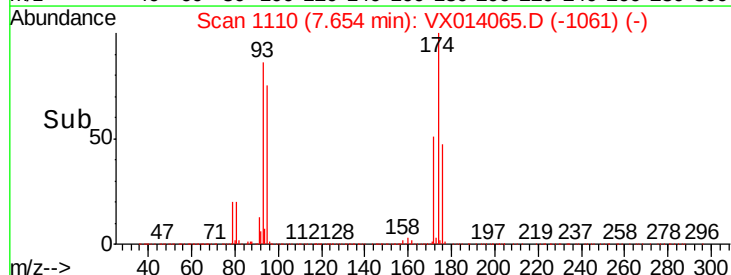
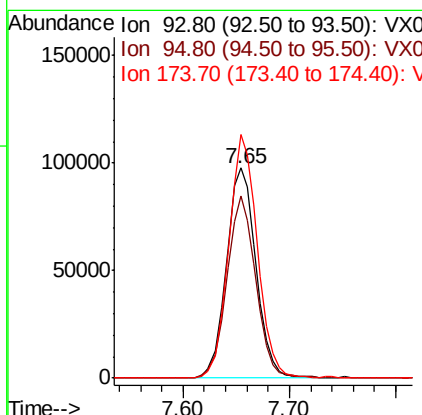
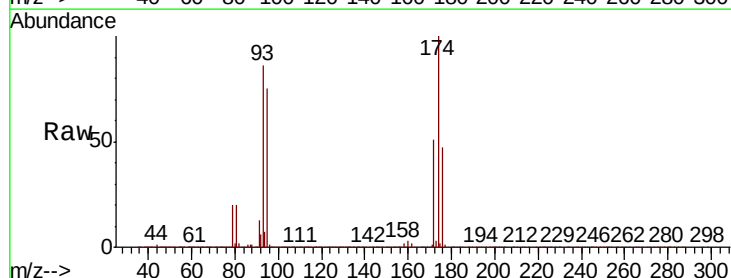
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

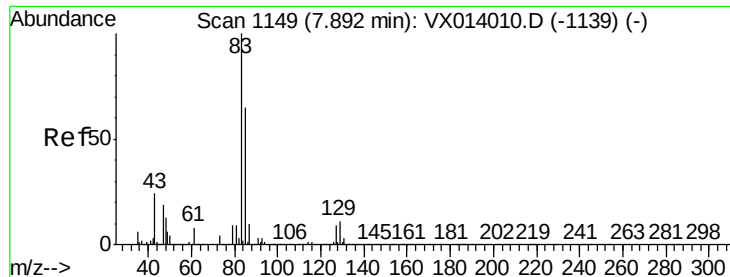
Tot Ion: 63 Resp: 293965
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.8 38.8



#46
 Dibromomethane
 Concen: 47.472 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion: 93 Resp: 188702
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.3 100.9
 174 113.0 91.6 137.4





#47

Bromodichloromethane

Concen: 49.073 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

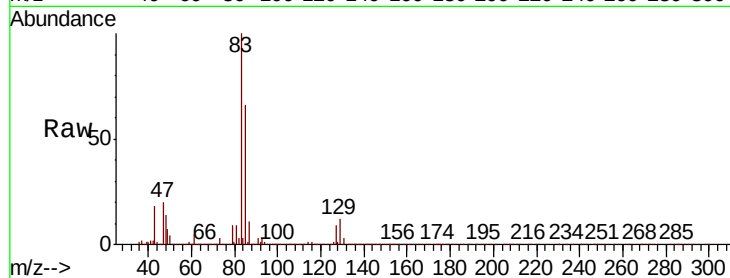
Tot Ion: 83 Resp: 367375

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.8

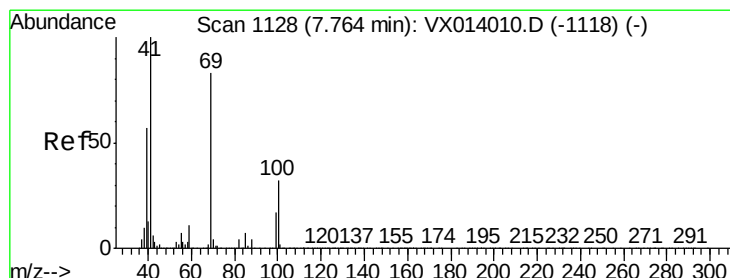
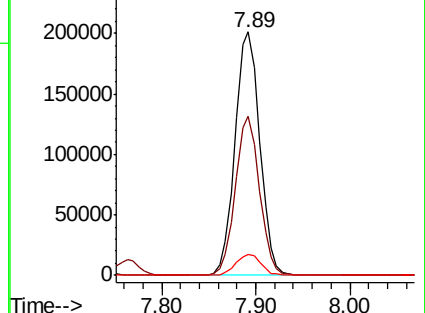
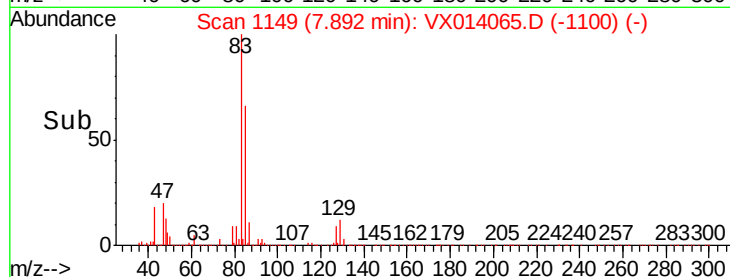
127 8.7 7.0 10.4



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: 51.290 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

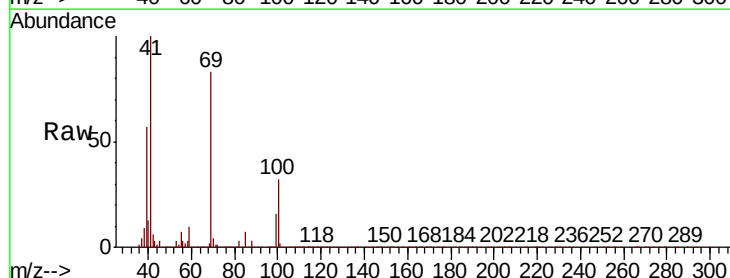
Tgt Ion: 41 Resp: 349921

Ion Ratio Lower Upper

41 100

69 81.8 65.8 98.6

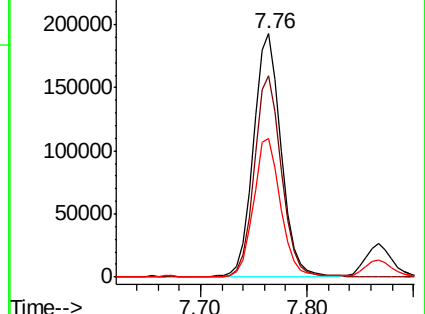
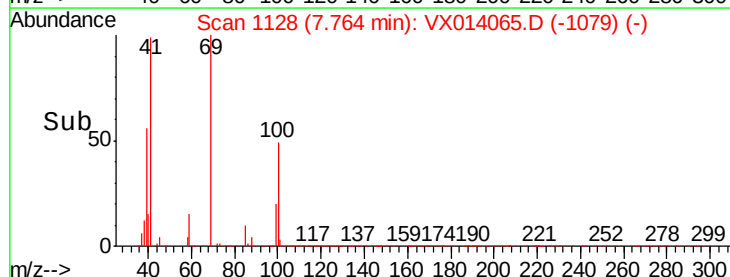
39 56.1 44.6 67.0

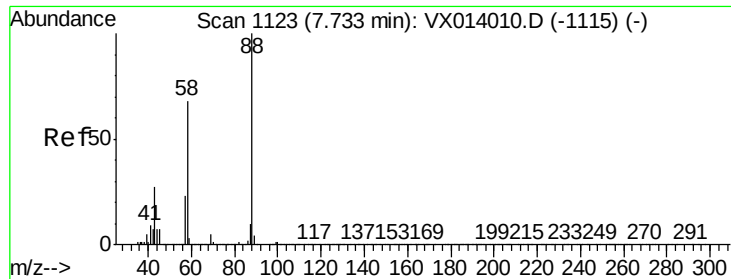


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1141.423 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

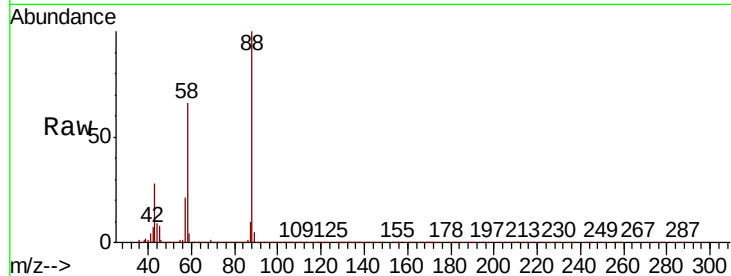
Tot Ion: 88 Resp: 158472

Ion Ratio Lower Upper

88 100

43 34.1 26.5 39.7

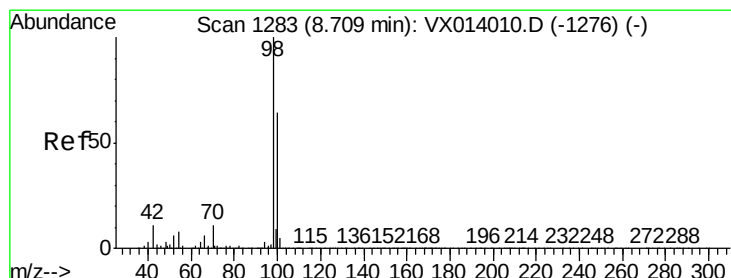
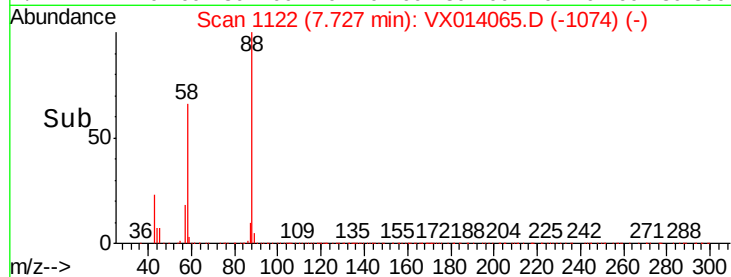
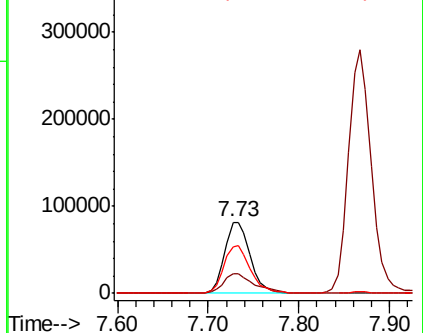
58 70.0 56.8 85.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.110 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014065.D

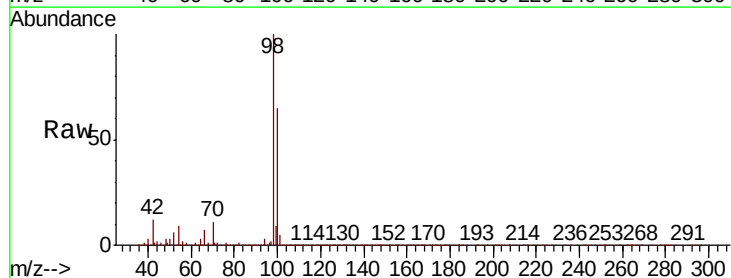
Acq: 17 Dec 2019 20:29

Tgt Ion: 98 Resp: 946025

Ion Ratio Lower Upper

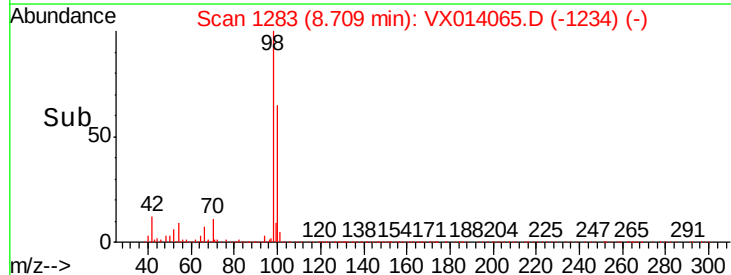
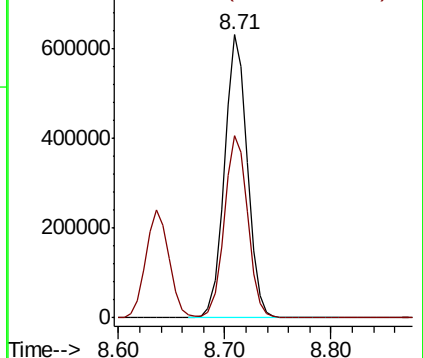
98 100

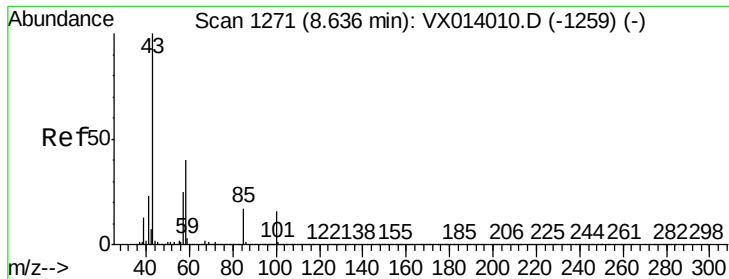
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 261.767 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

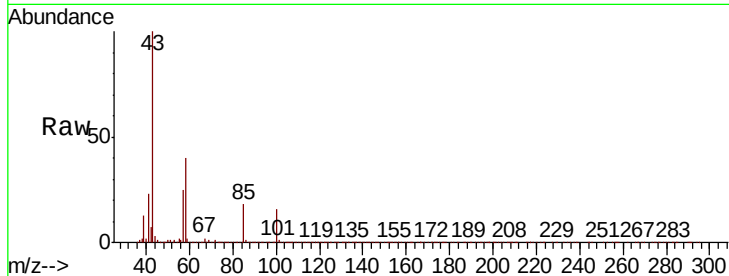
MW202D-20191207MS

Tot Ion: 43 Resp: 2290431

Ion Ratio Lower Upper

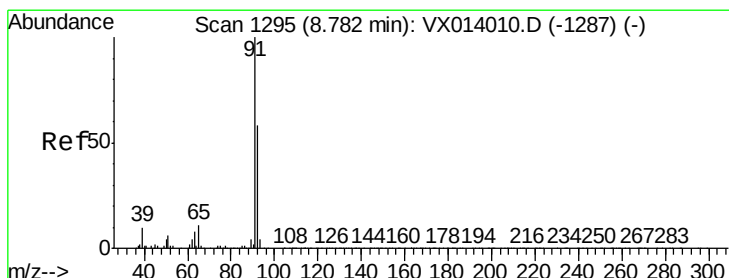
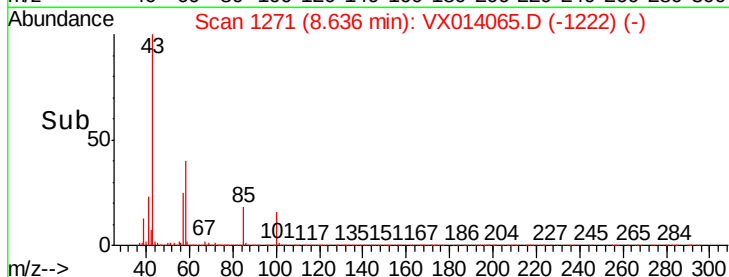
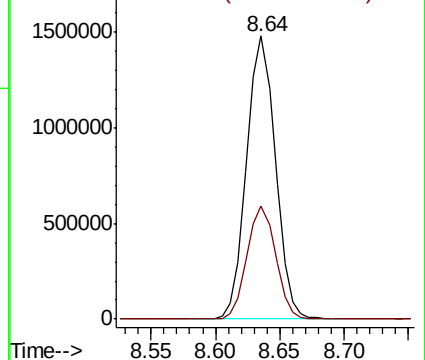
43 100

58 39.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.755 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014065.D

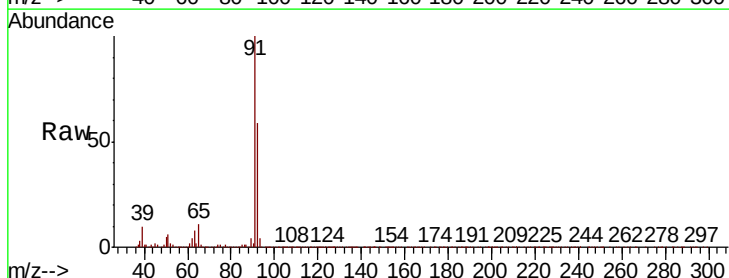
Acq: 17 Dec 2019 20:29

Tgt Ion: 92 Resp: 708047

Ion Ratio Lower Upper

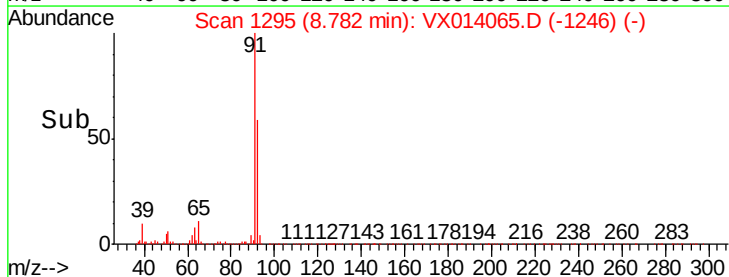
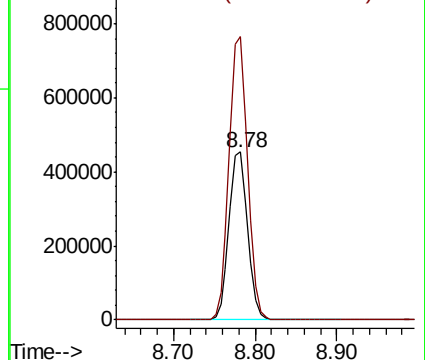
92 100

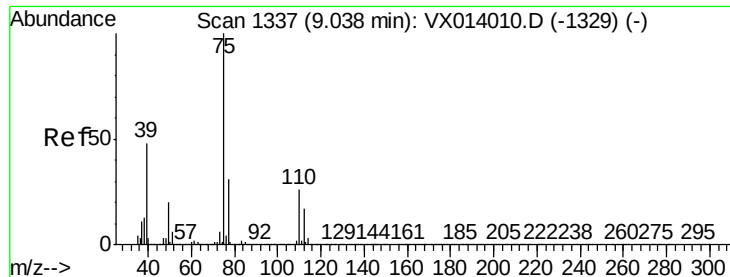
91 168.5 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.802 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

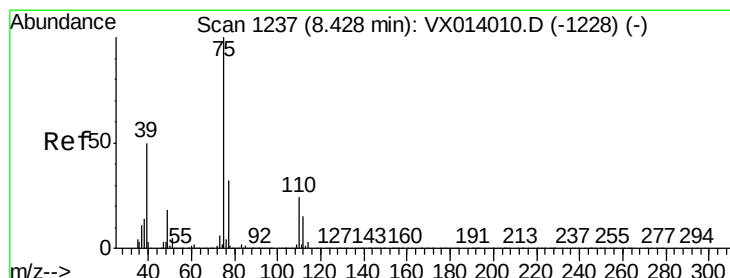
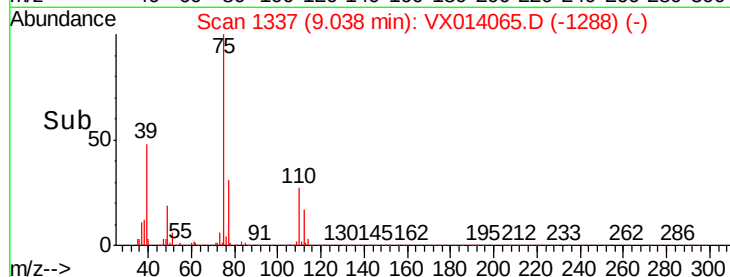
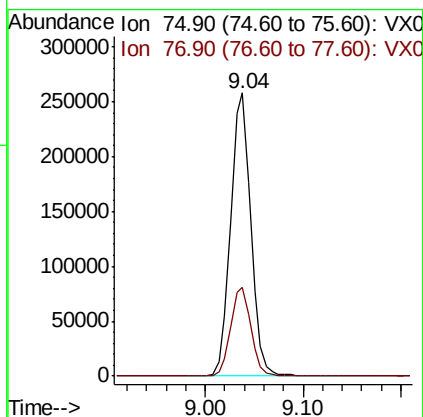
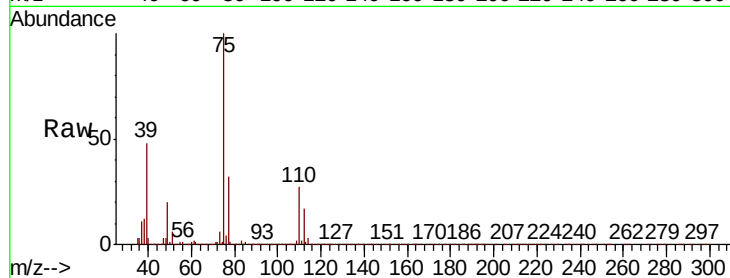
MW202D-20191207MS

Tot Ion: 75 Resp: 367774

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 44.464 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

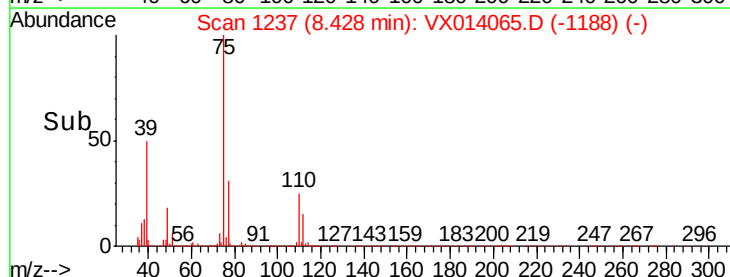
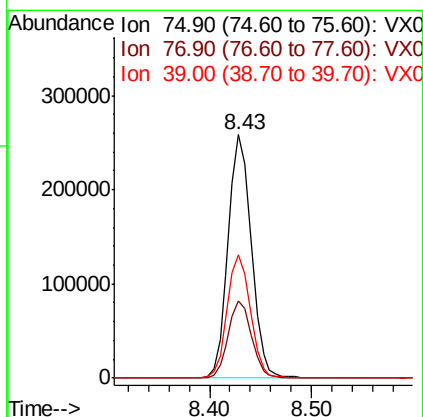
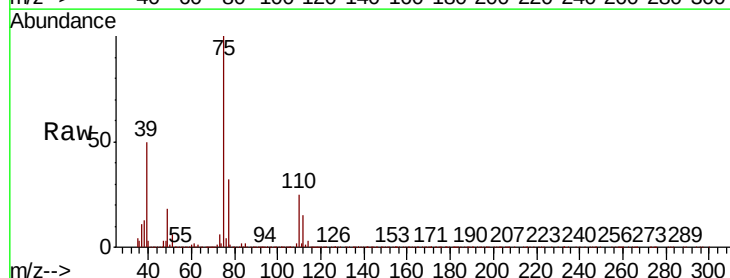
Tgt Ion: 75 Resp: 406634

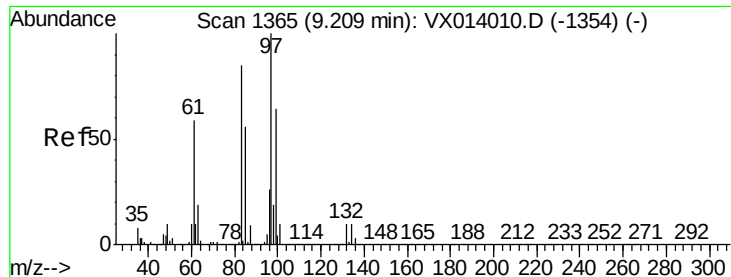
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 50.4 39.9 59.9

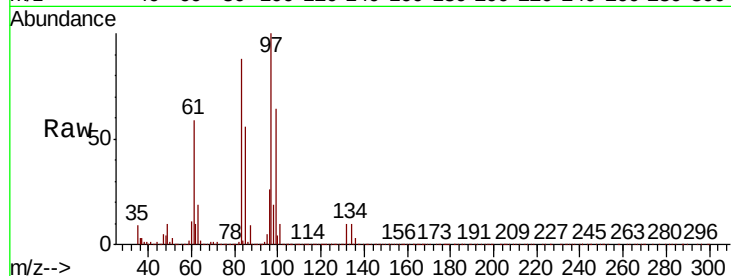




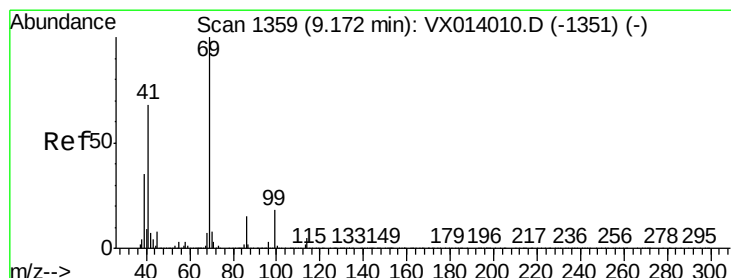
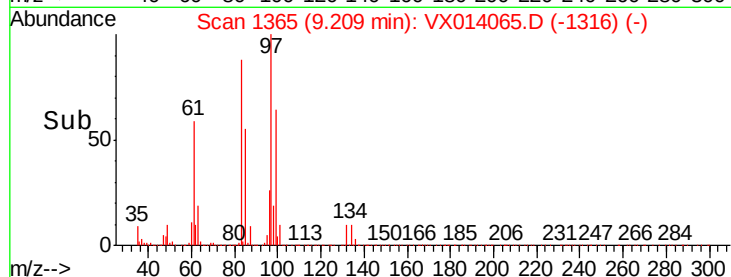
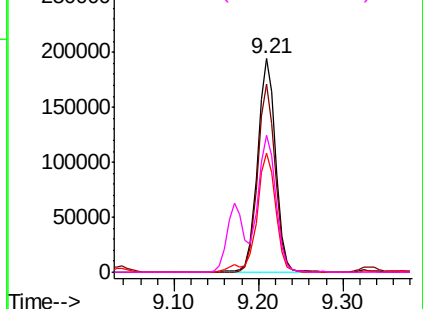
#55
 1,1,2-Trichloroethane
 Concen: 47.641 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

Tot Ion:	97	Resp:	283098
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	55.5	44.6	66.8
99	63.8	51.4	77.0

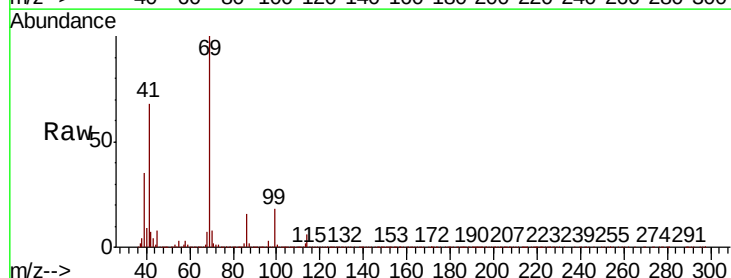


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

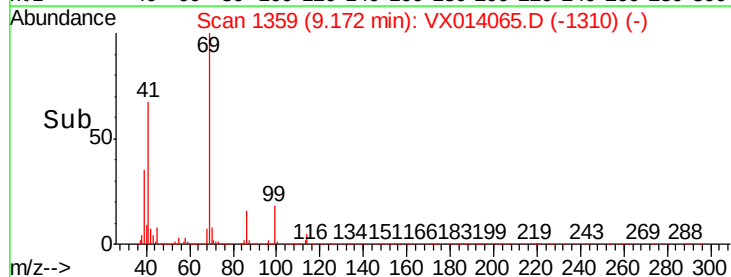
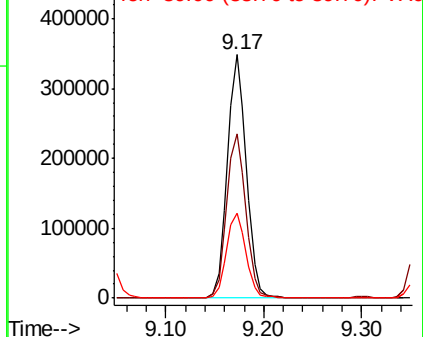


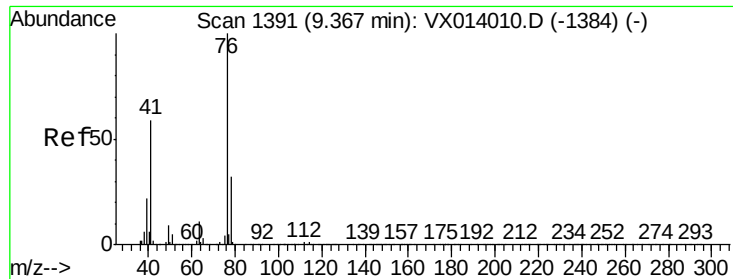
#56
 Ethyl methacrylate
 Concen: 50.155 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion:	69	Resp:	468164
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.8	82.2
39	35.6	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: 48.775 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

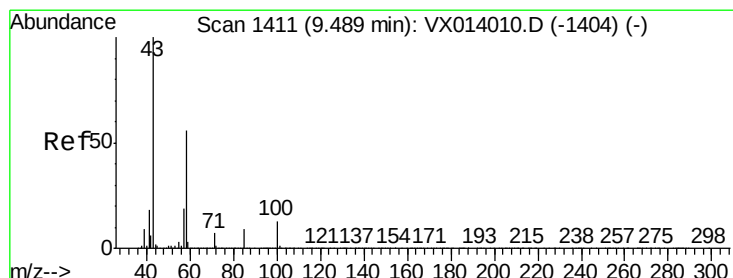
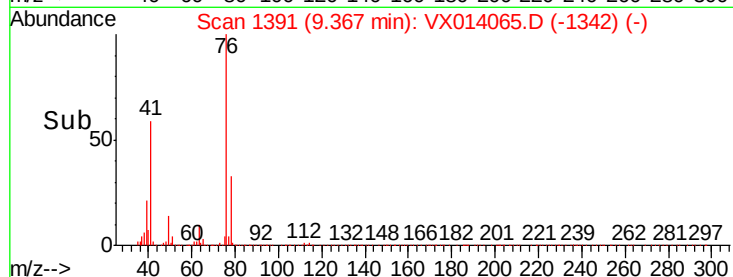
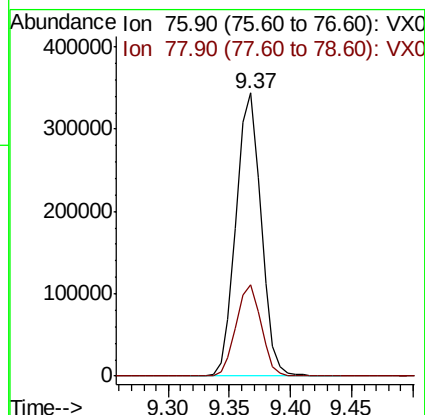
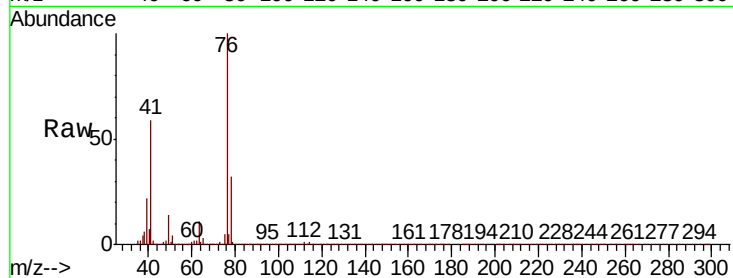
MW202D-20191207MS

Tot Ion: 76 Resp: 487651

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#59

2-Hexanone

Concen: 252.385 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014065.D

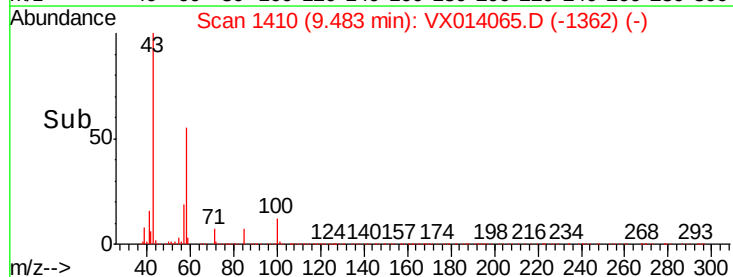
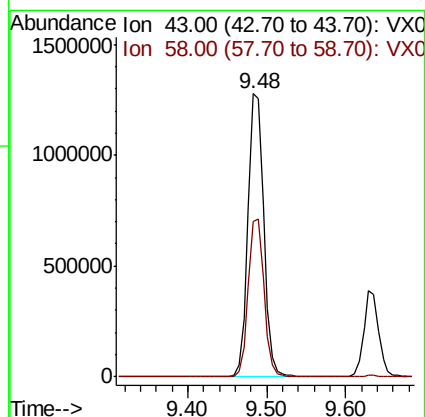
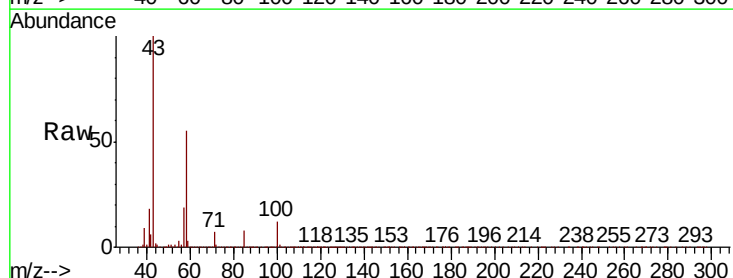
Acq: 17 Dec 2019 20:29

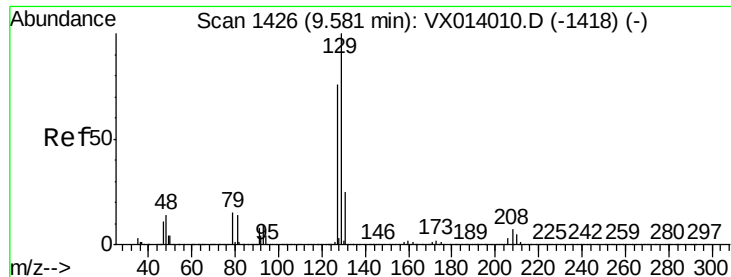
Tgt Ion: 43 Resp: 1777719

Ion Ratio Lower Upper

43 100

58 55.9 28.0 84.0





#60

Dibromochloromethane

Concen: 49.925 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

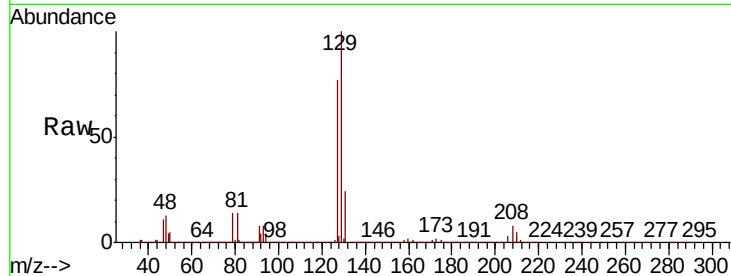
MW202D-20191207MS

Tot Ion:129 Resp: 294894

Ion Ratio Lower Upper

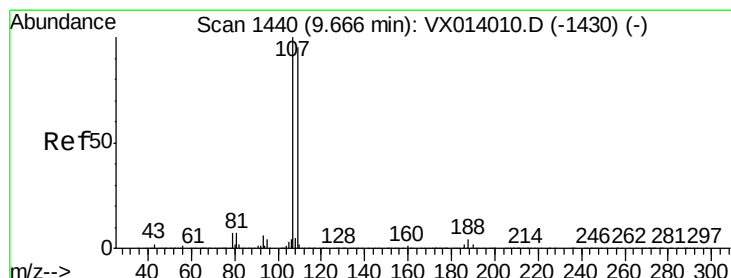
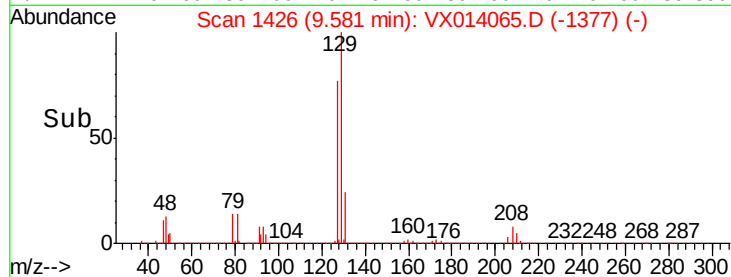
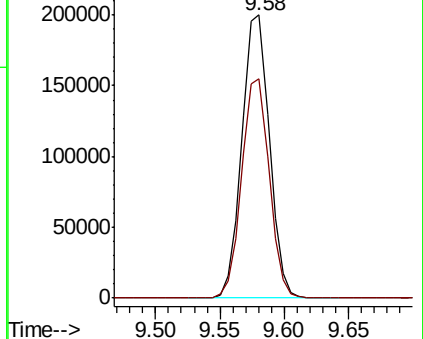
129 100

127 77.7 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.358 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014065.D

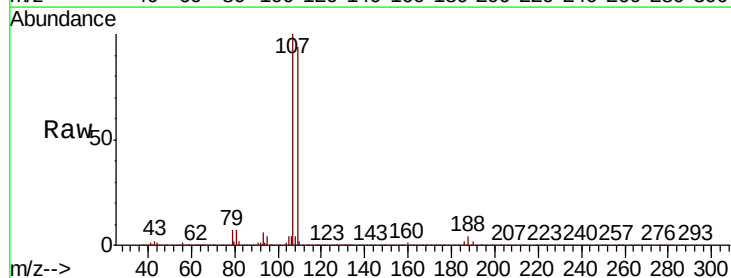
Acq: 17 Dec 2019 20:29

Tgt Ion:107 Resp: 300097

Ion Ratio Lower Upper

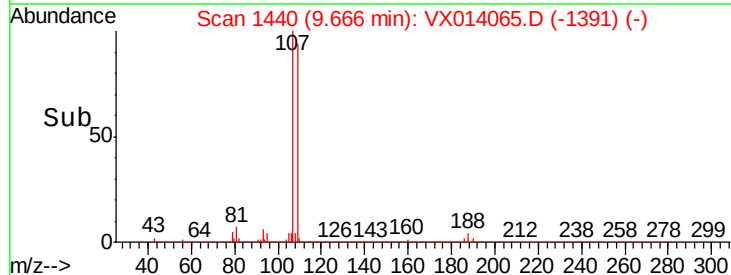
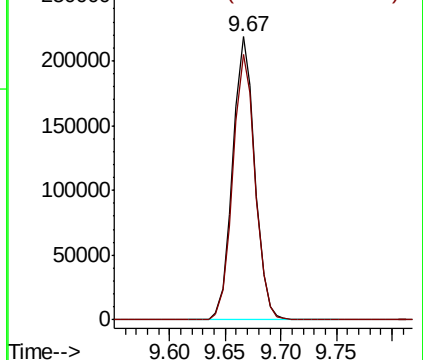
107 100

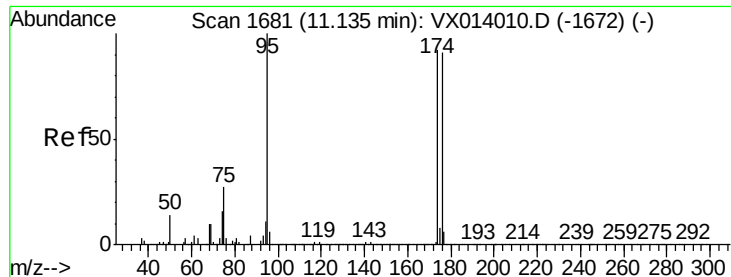
109 94.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 45.965 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

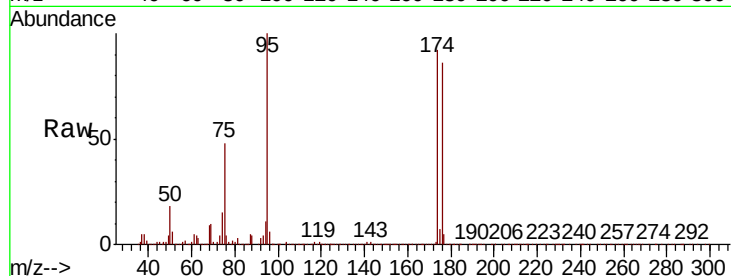
Tot Ion: 95 Resp: 330400

Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.8

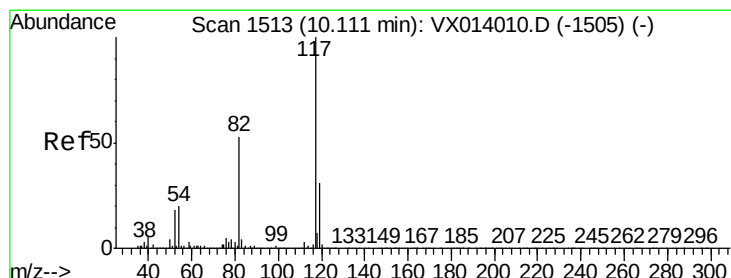
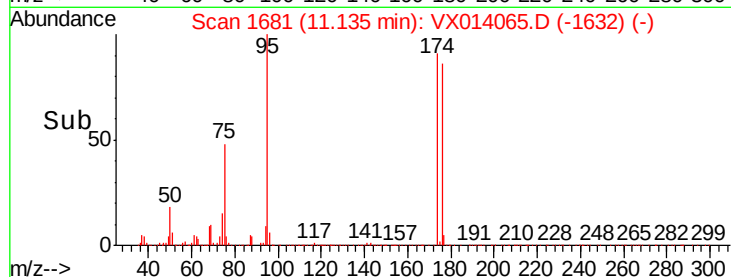
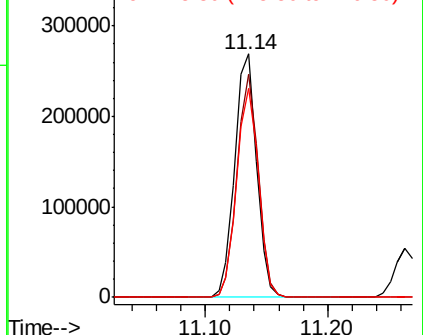
176 86.2 0.0 173.0



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: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

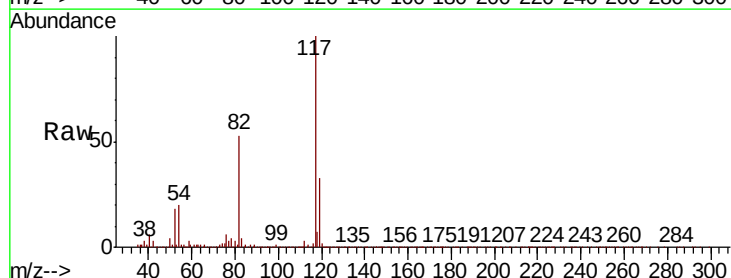
Tgt Ion: 117 Resp: 753067

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.4

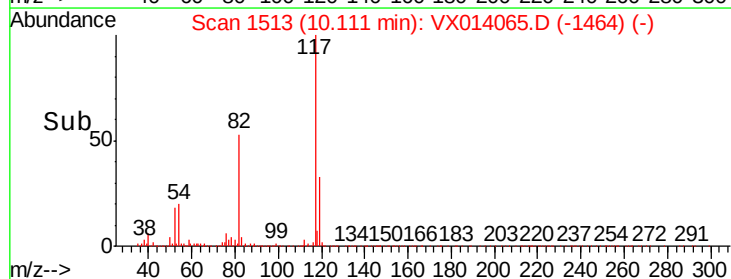
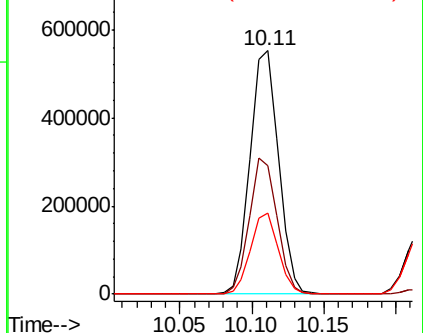
119 33.1 25.1 37.7

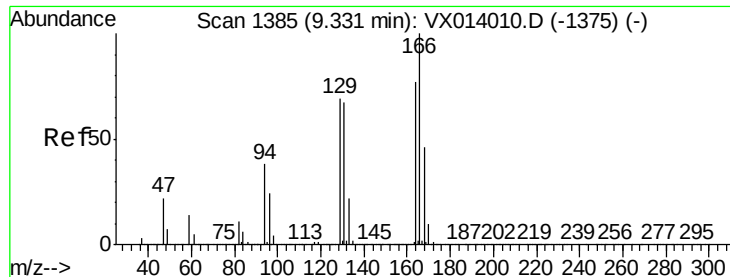


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

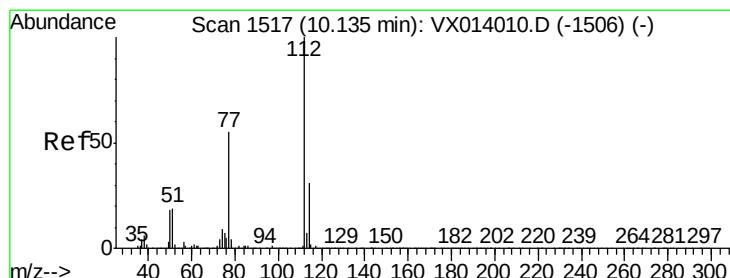
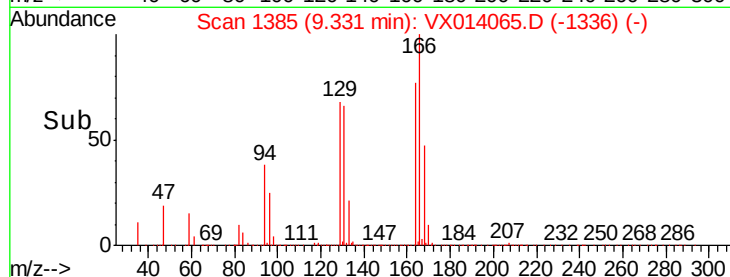
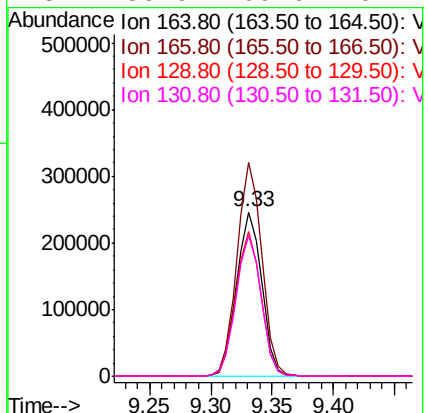
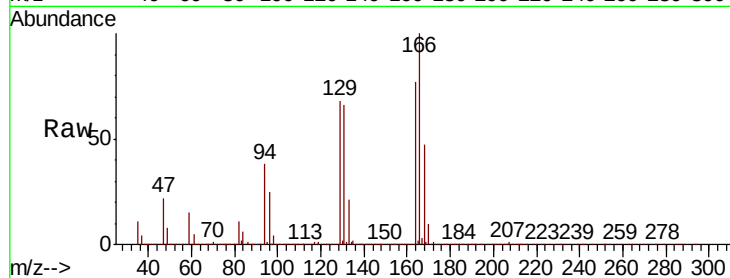




#64
Tetrachloroethene
Concen: 52.450 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

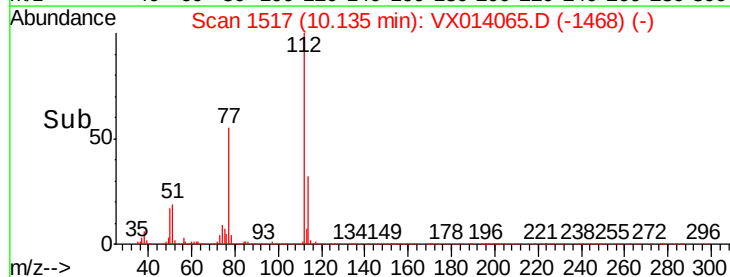
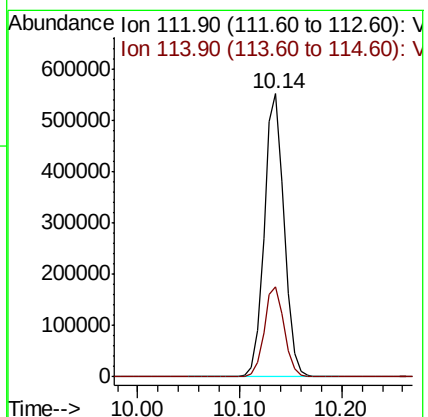
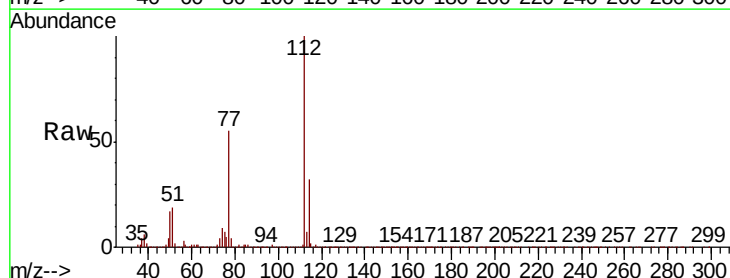
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

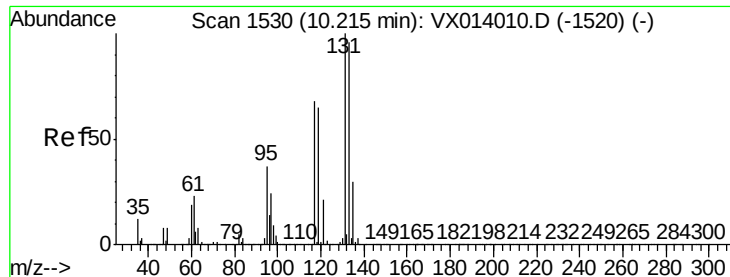
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	104.0	156.0
129	88.0	72.2	108.4
131	85.9	69.6	104.4



#65
Chlorobenzene
Concen: 46.642 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.9	37.3

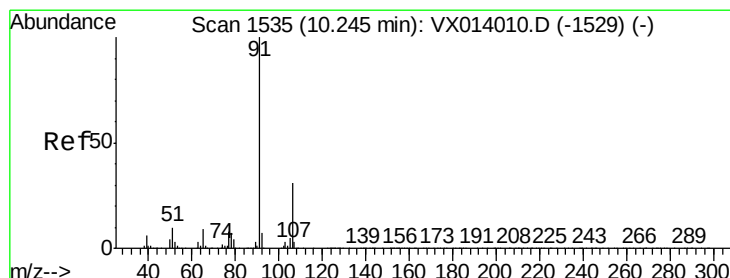
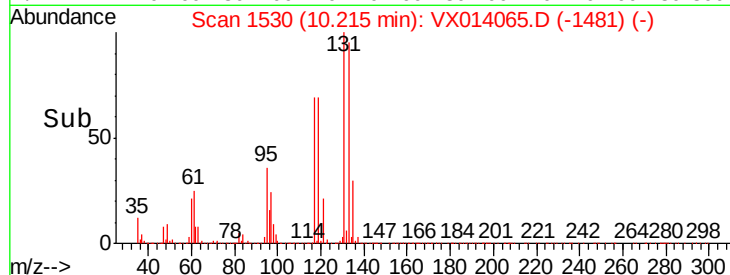
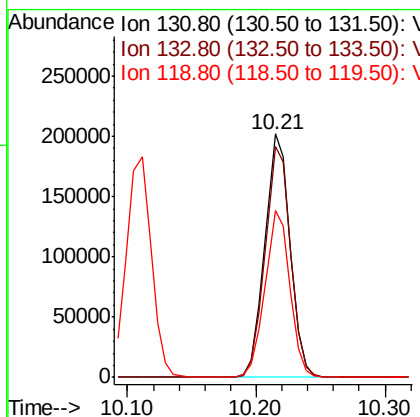
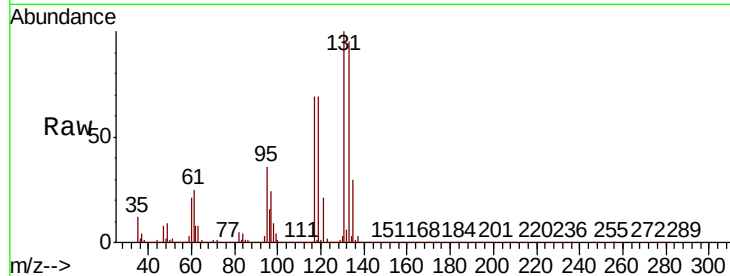




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.180 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

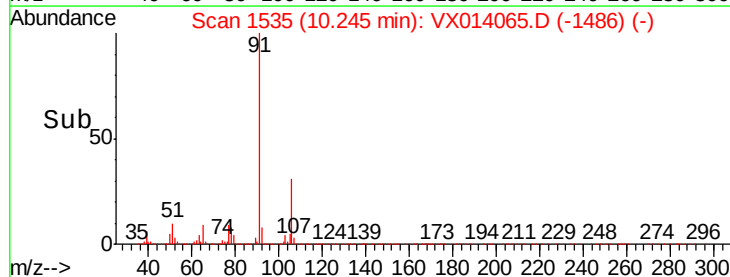
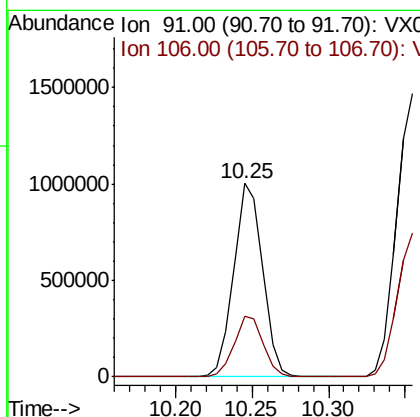
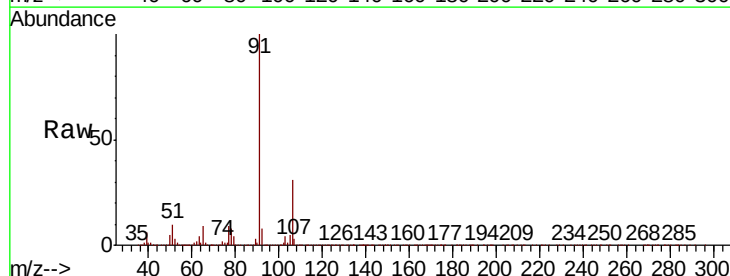
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

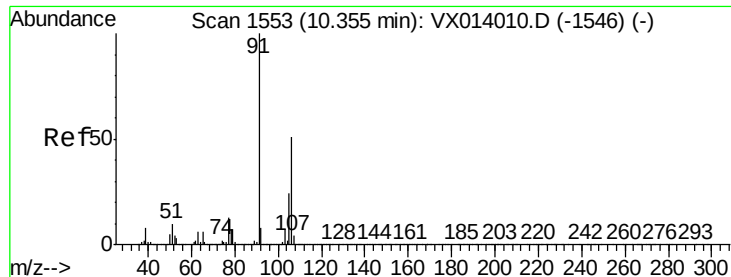
Tot Ion:131 Resp: 275458
 Ion Ratio Lower Upper
 131 100
 133 95.4 48.0 144.0
 119 67.5 33.4 100.2



#67
 Ethyl Benzene
 Concen: 47.661 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion: 91 Resp: 1312024
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.0 37.6





#68

m/p-Xylenes

Concen: 94.018 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

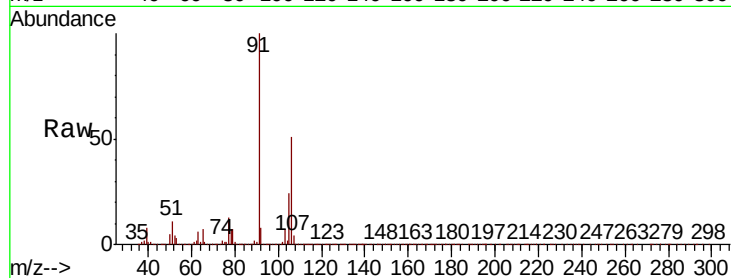
MW202D-20191207MS

Tot Ion:106 Resp: 995449

Ion Ratio Lower Upper

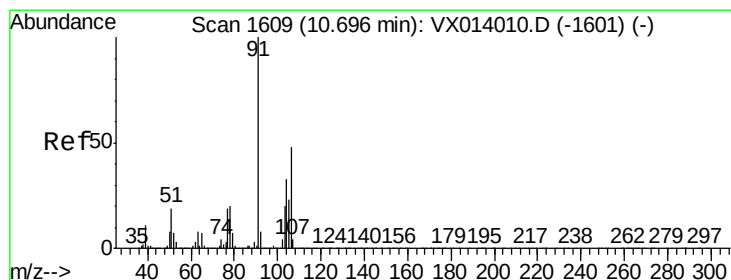
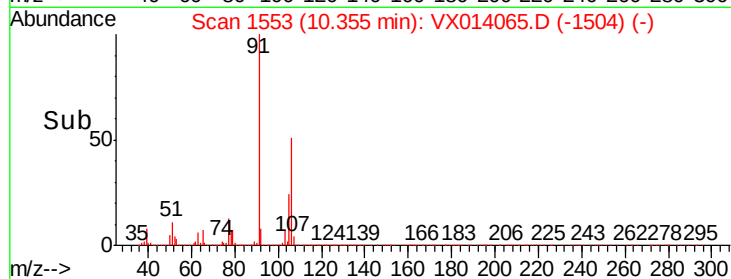
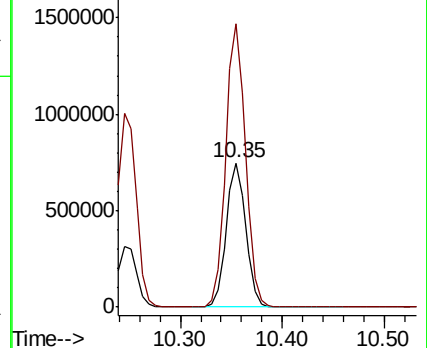
106 100

91 198.4 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.782 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014065.D

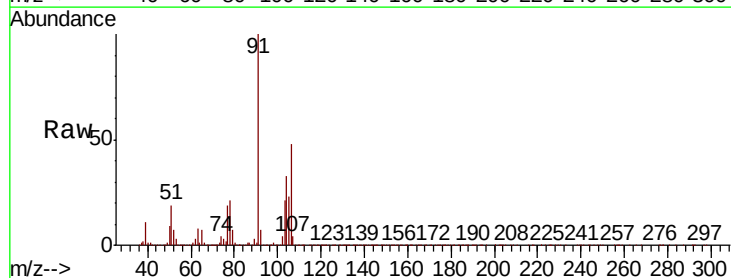
Acq: 17 Dec 2019 20:29

Tgt Ion:106 Resp: 485782

Ion Ratio Lower Upper

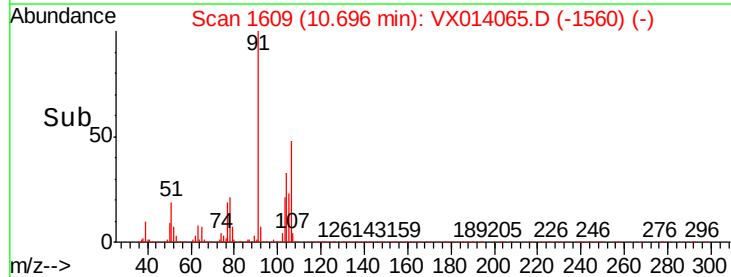
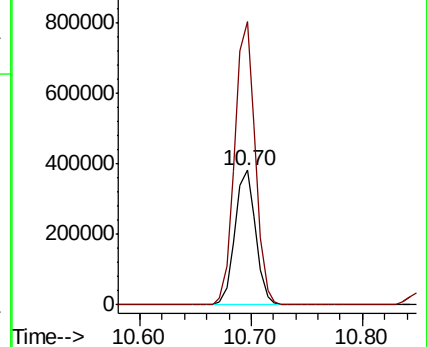
106 100

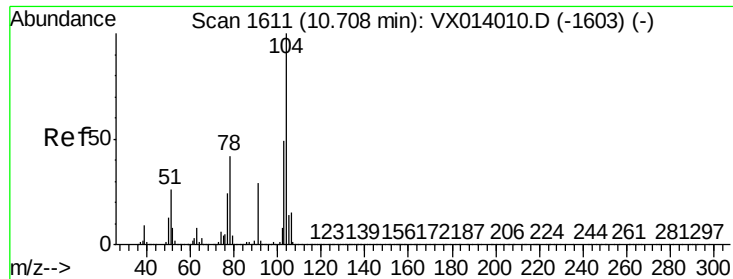
91 209.5 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

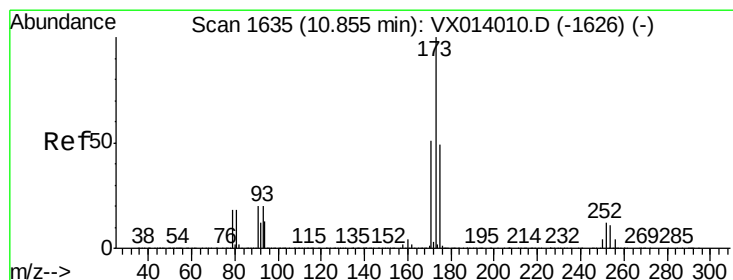
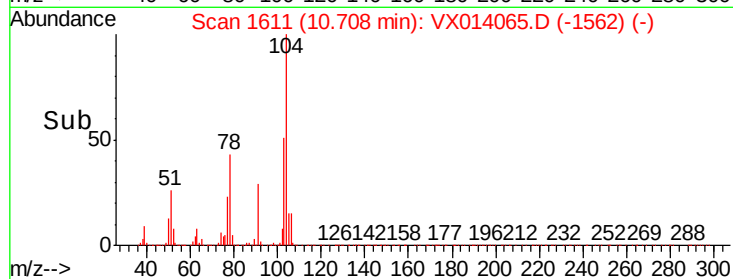
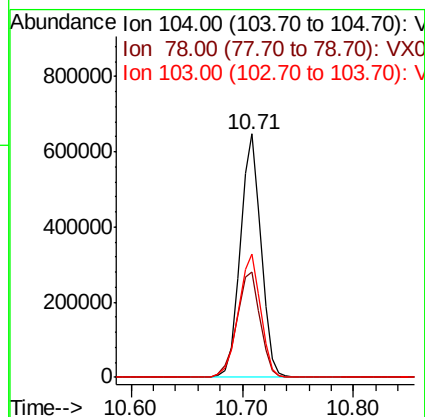
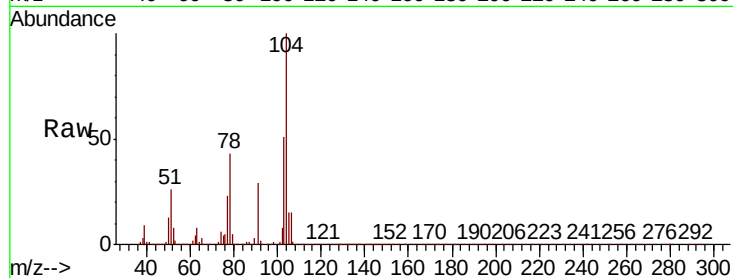




#70
Stvrene
Concen: 47.155 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

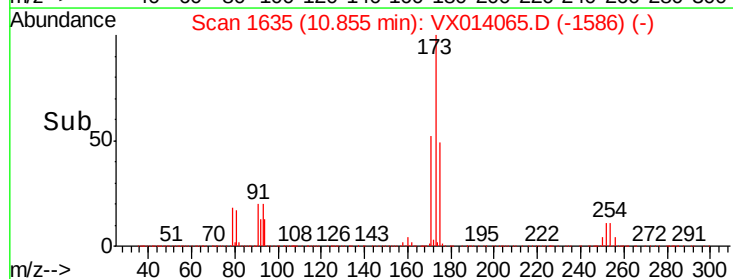
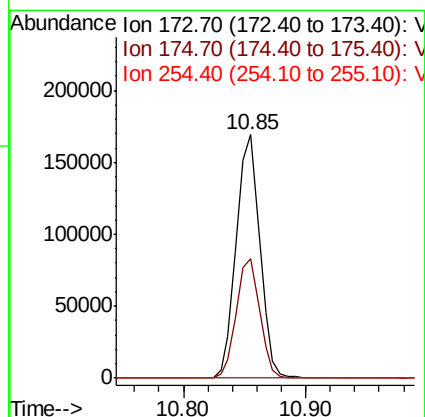
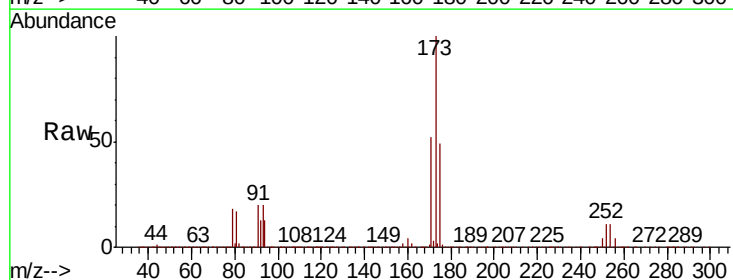
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

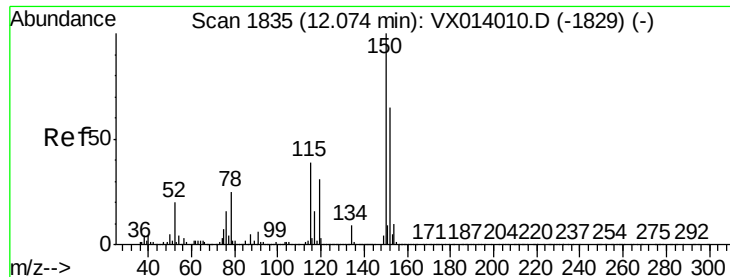
Tot Ion:104 Resp: 828005
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.6 42.9 64.3



#71
Bromoform
Concen: 49.070 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion:173 Resp: 225509
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.2 0.2 0.2



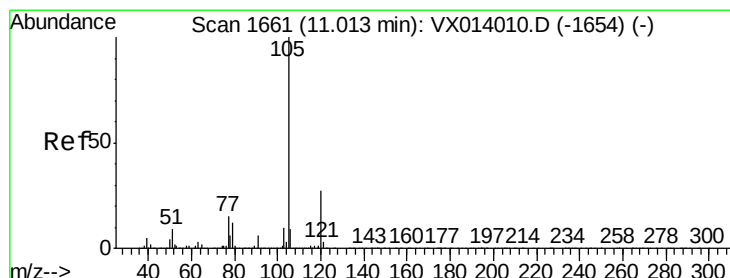
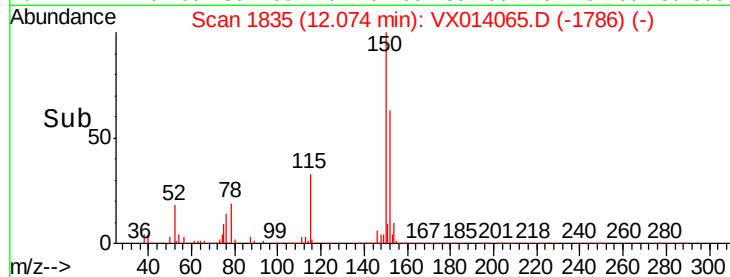
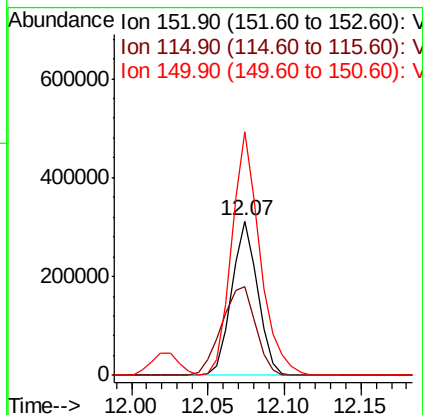
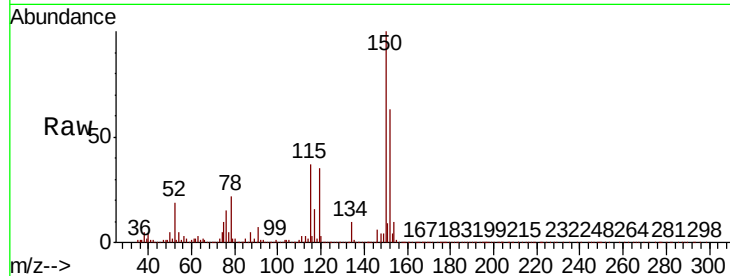


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

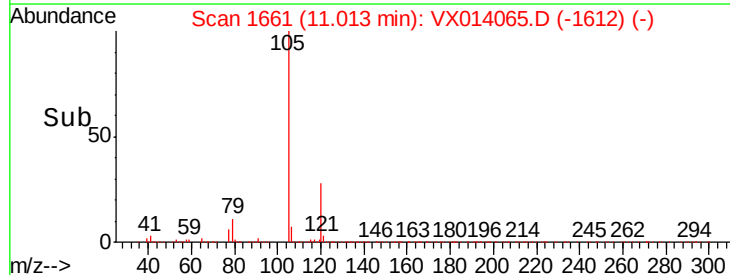
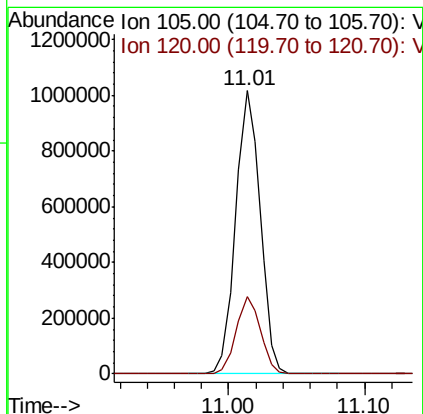
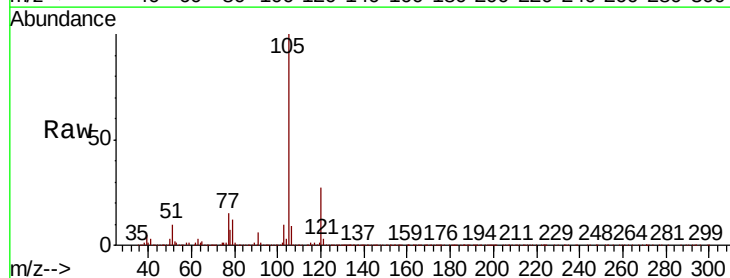
Tot Ion	Ratio	Lower	Upper
152	100		
115	75.9	38.3	114.9
150	171.7	0.0	345.4

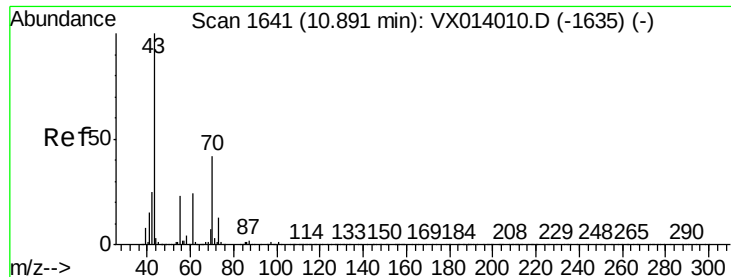


#73

Isopropylbenzene
Concen: 49.507 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4





#74

N-amvl acetate

Concen: 40.188 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

Tot Ion: 43 Resp: 485045

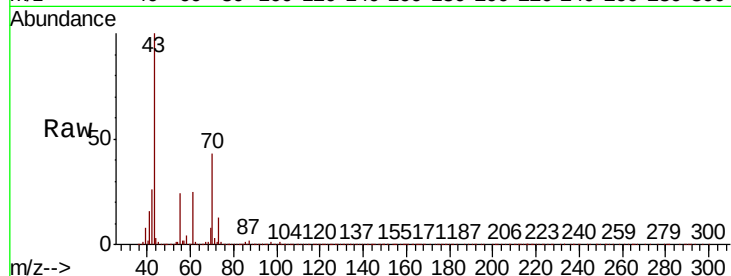
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 24.2 19.1 28.7

61 24.9 19.7 29.5

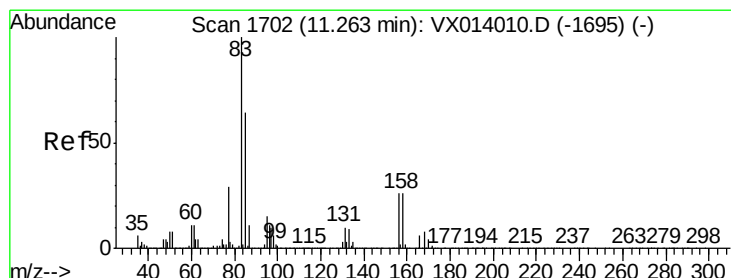
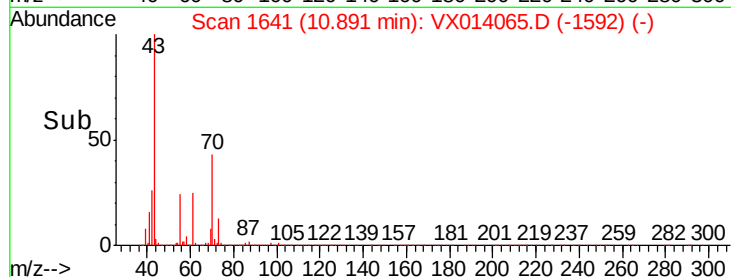
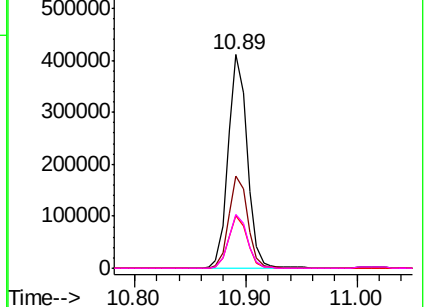


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.449 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

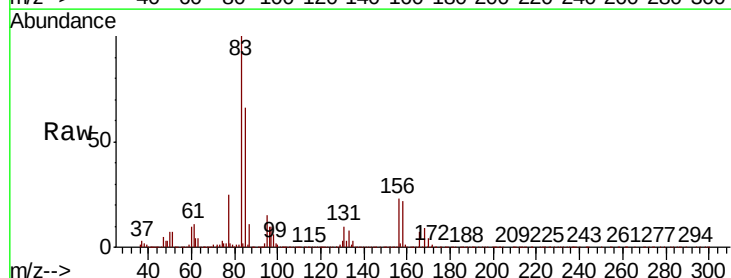
Tgt Ion: 83 Resp: 459274

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

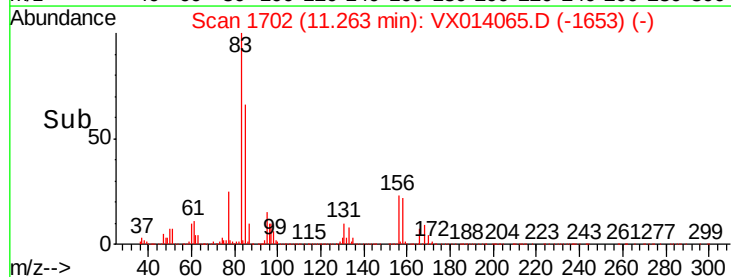
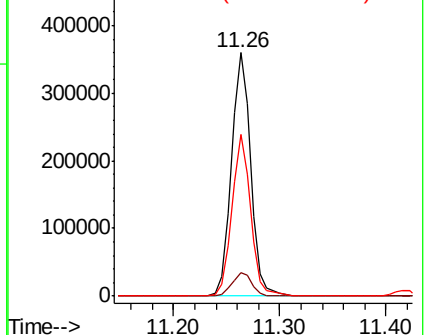
85 64.2 31.9 95.7

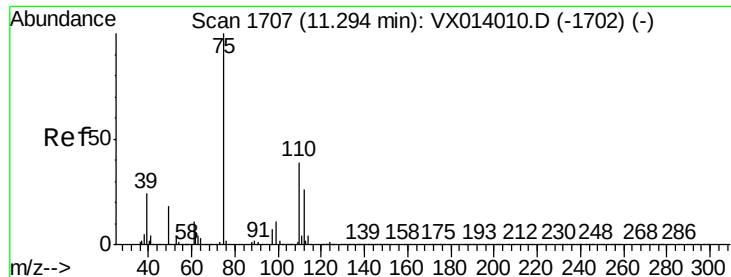


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.312 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

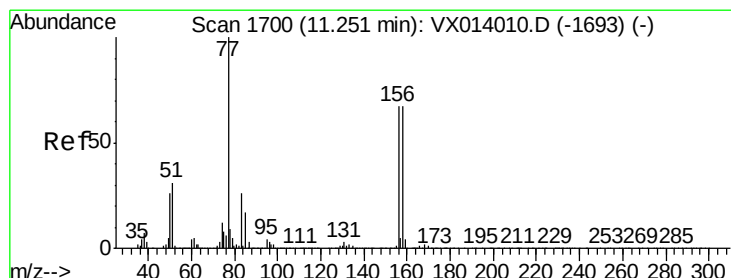
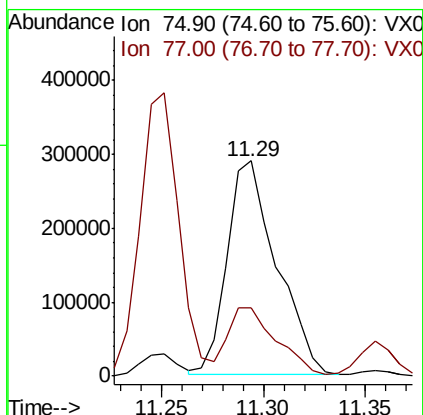
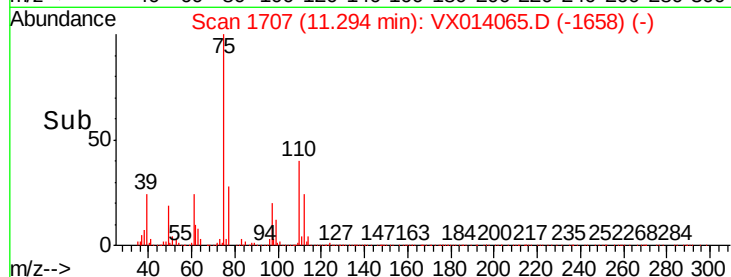
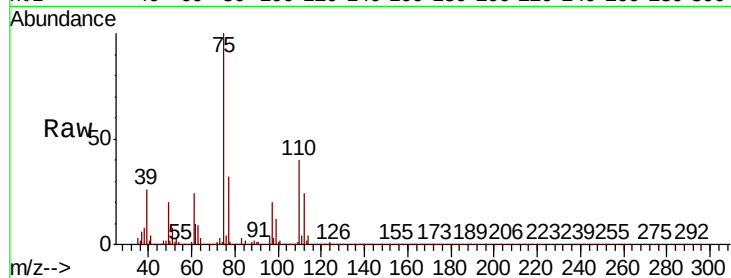
MW202D-20191207MS

Tot Ion: 75 Resp: 486779

Ion Ratio Lower Upper

75 100

77 31.2 19.3 57.8



#77

Bromobenzene

Concen: 46.640 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

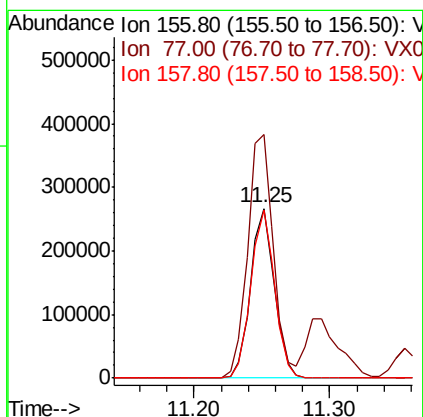
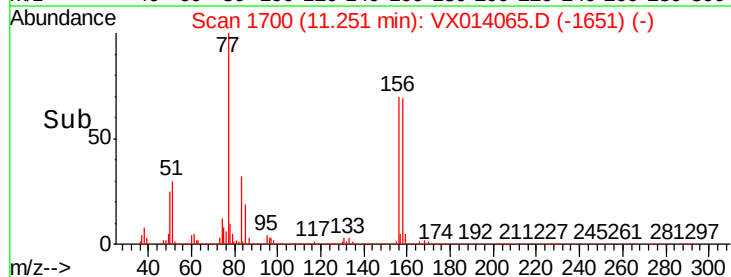
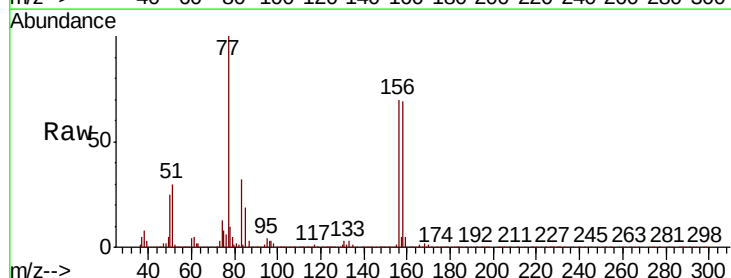
Tgt Ion: 156 Resp: 330413

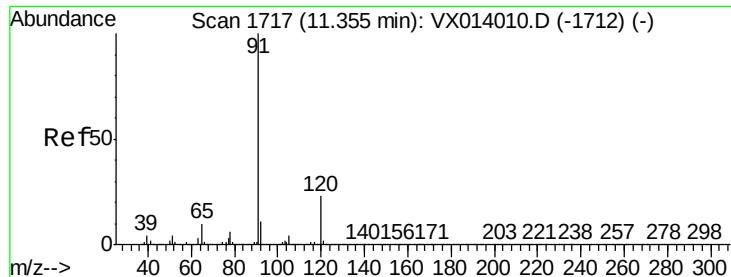
Ion Ratio Lower Upper

156 100

77 153.3 76.5 229.5

158 98.6 49.3 147.9





#78

n-propylbenzene

Concen: 48.550 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

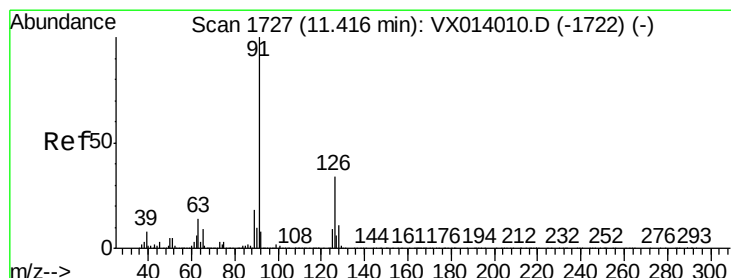
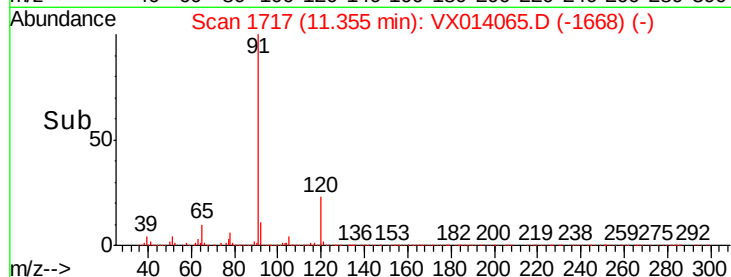
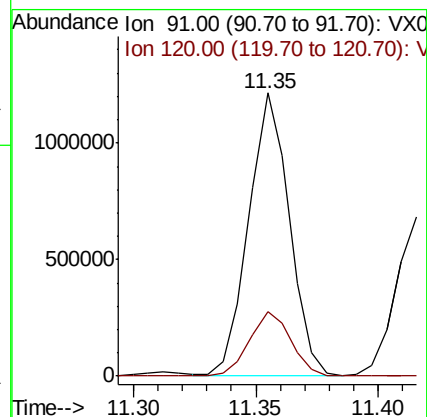
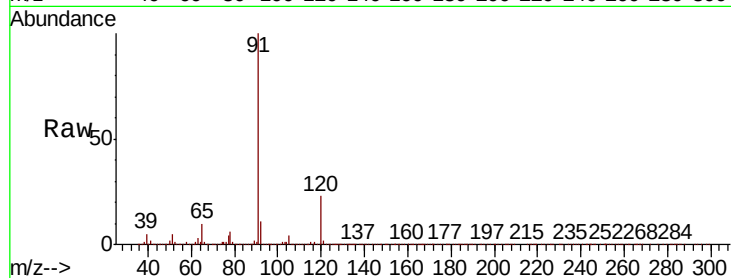
MW202D-20191207MS

Tot Ion: 91 Resp: 1402204

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.0



#79

2-Chlorotoluene

Concen: 47.959 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014065.D

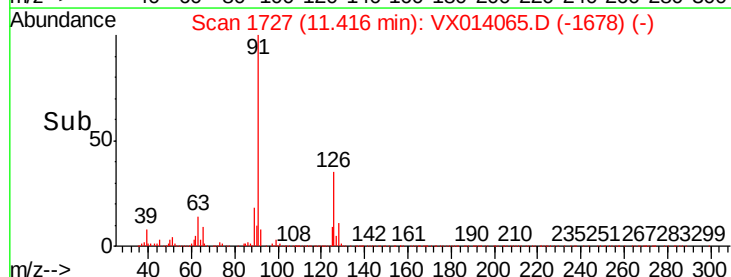
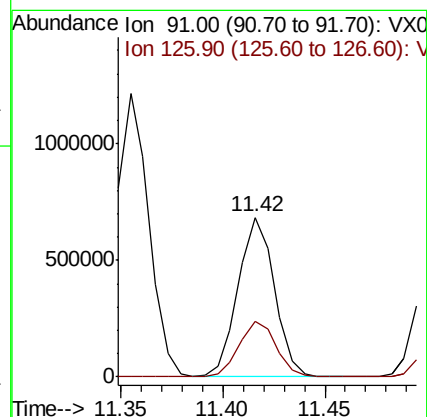
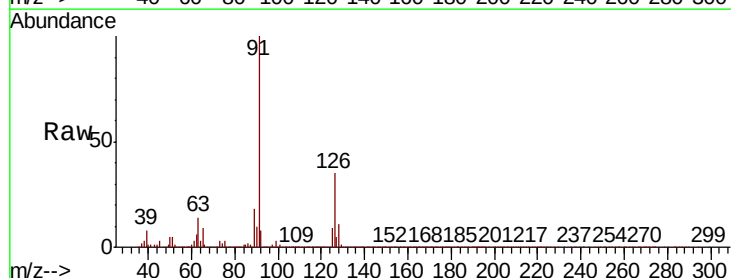
Acq: 17 Dec 2019 20:29

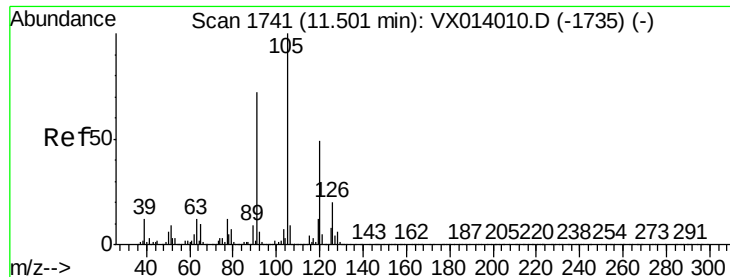
Tgt Ion: 91 Resp: 841979

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.6

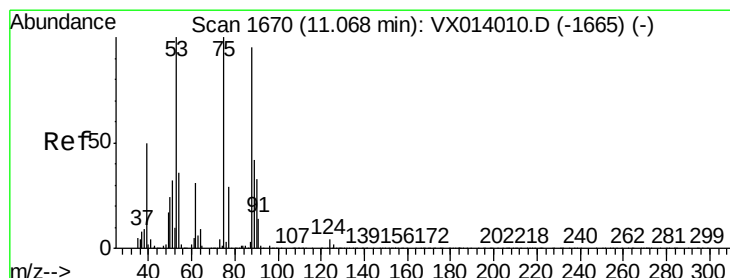
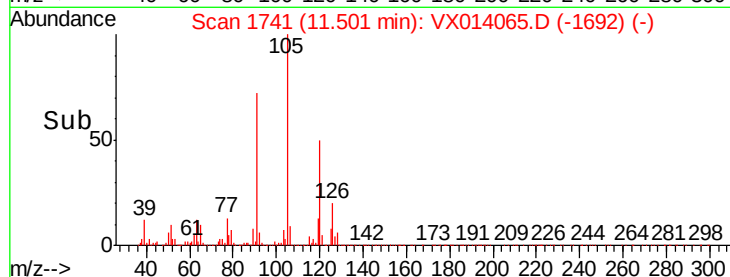
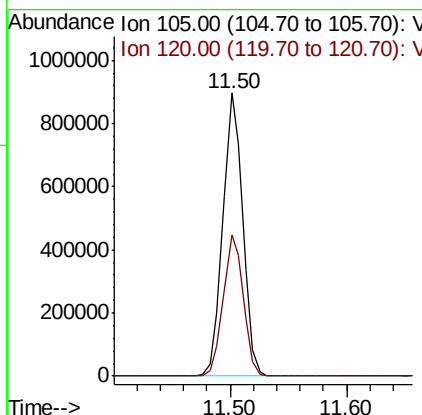
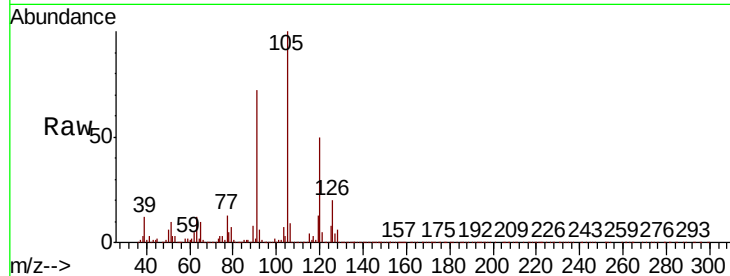




#80
 1,3,5-Trimethylbenzene
 Concen: 48.592 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

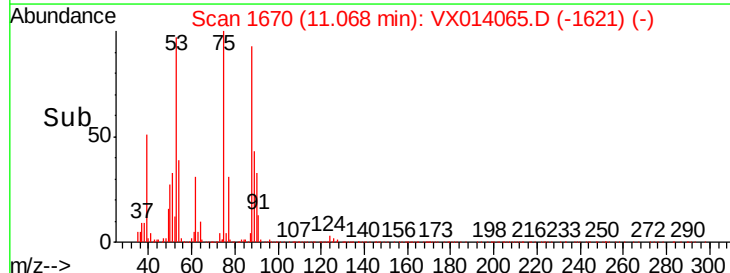
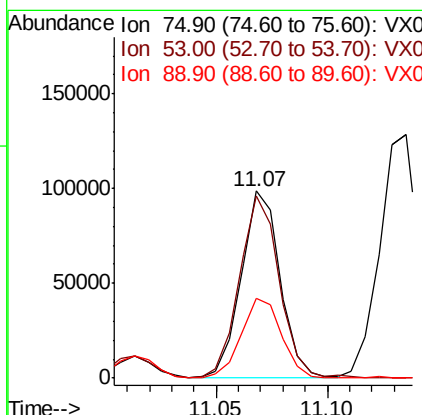
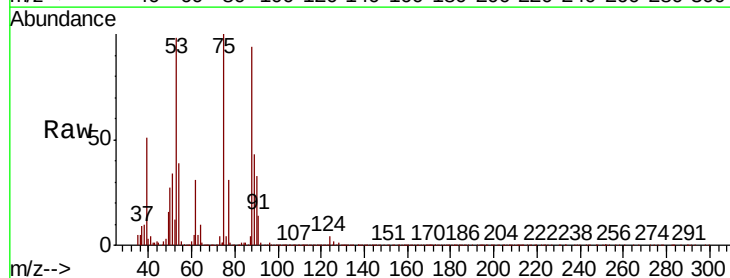
Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

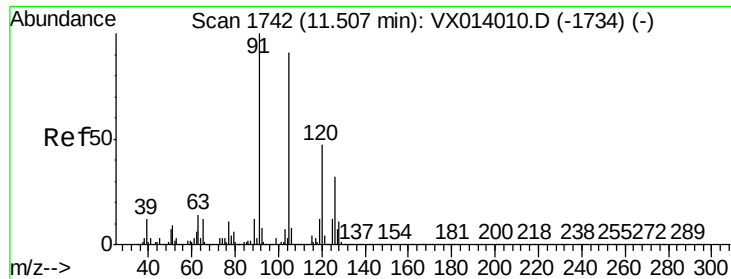
Tot Ion:105 Resp: 1052985
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.3 75.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.361 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX014065.D
 Acq: 17 Dec 2019 20:29

Tgt Ion: 75 Resp: 119157
 Ion Ratio Lower Upper
 75 100
 53 100.0 76.7 115.1
 89 44.1 34.6 51.8





#82

4-Chlorotoluene

Concen: 47.444 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

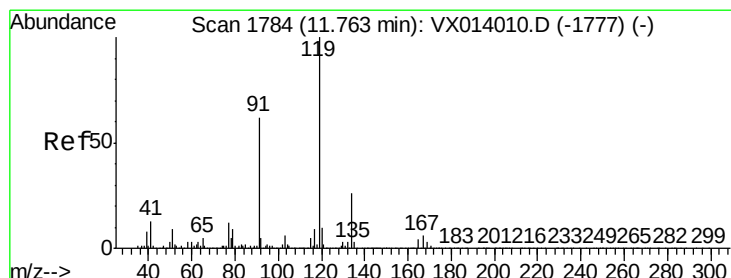
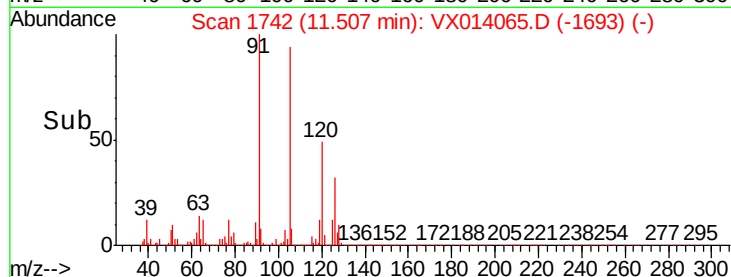
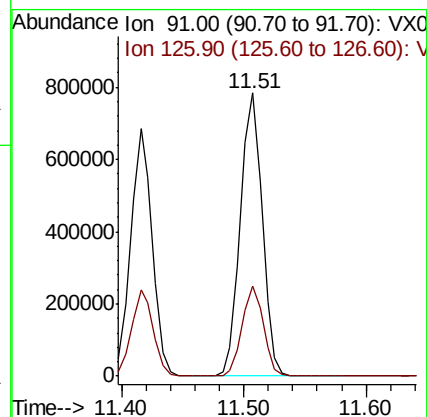
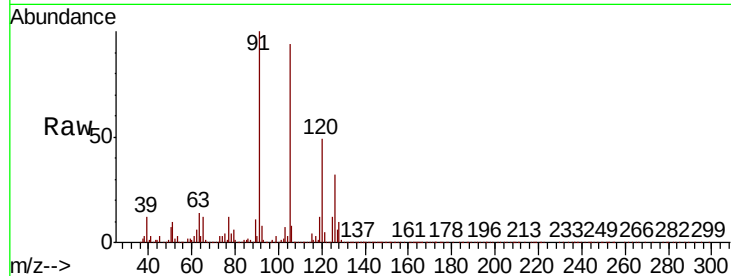
MW202D-20191207MS

Tot Ion: 91 Resp: 966185

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.8



#83

tert-Butylbenzene

Concen: 50.013 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

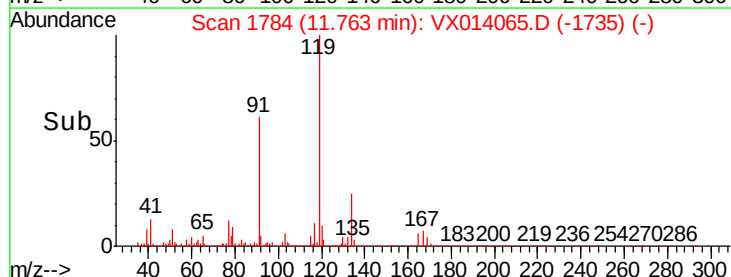
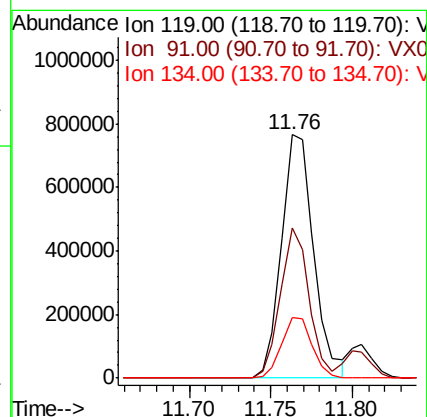
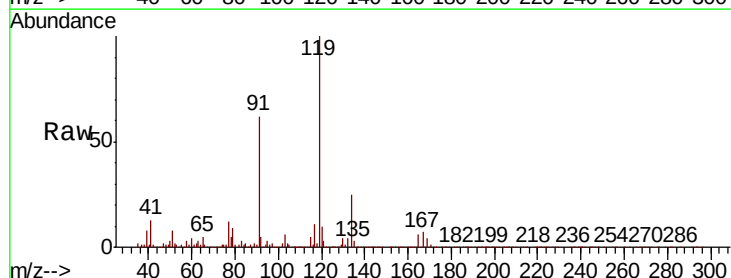
Tgt Ion: 119 Resp: 1054695

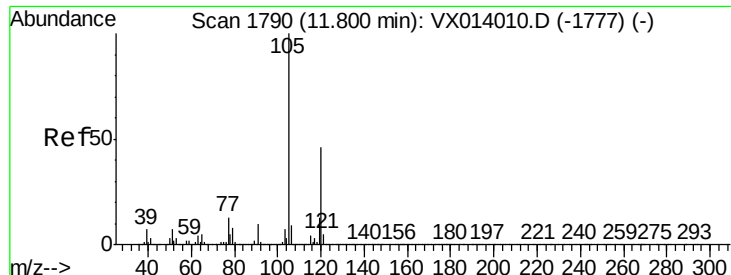
Ion Ratio Lower Upper

119 100

91 54.8 28.5 85.6

134 23.8 12.2 36.6

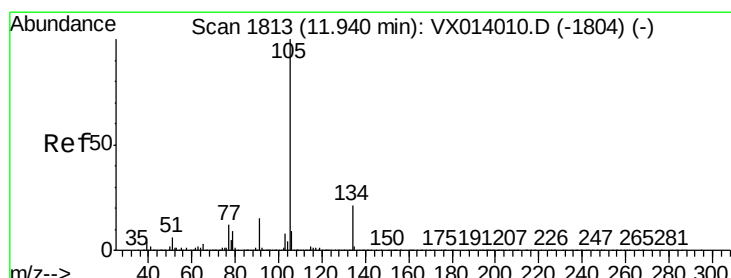
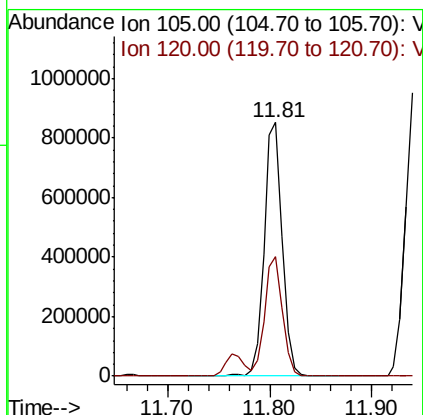
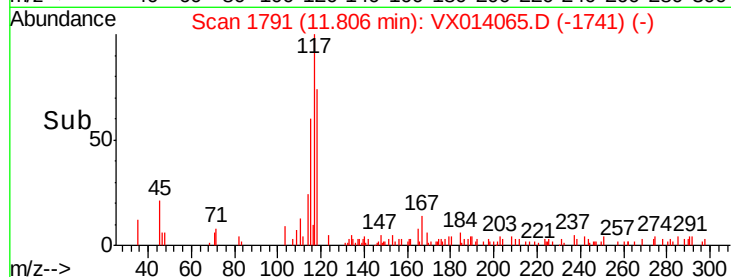
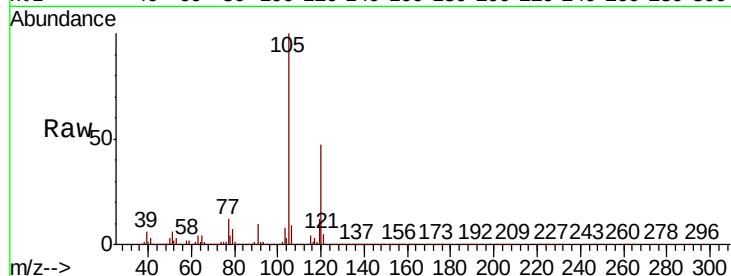




#84
1,2,4-Trimethylbenzene
Concen: 48.475 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

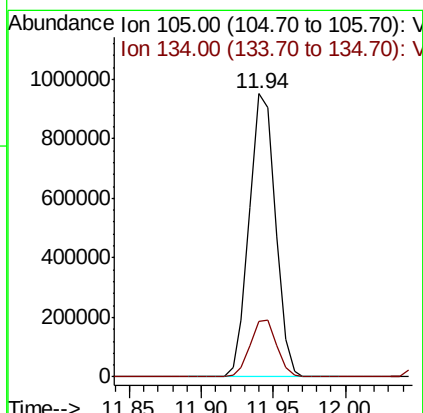
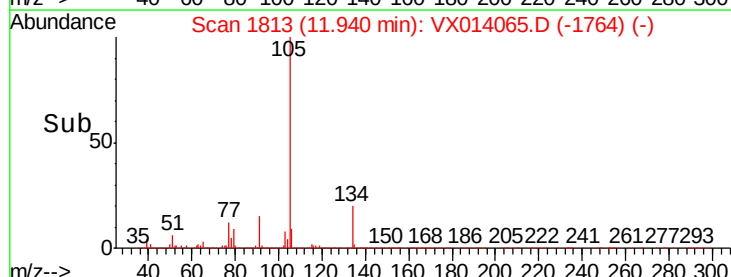
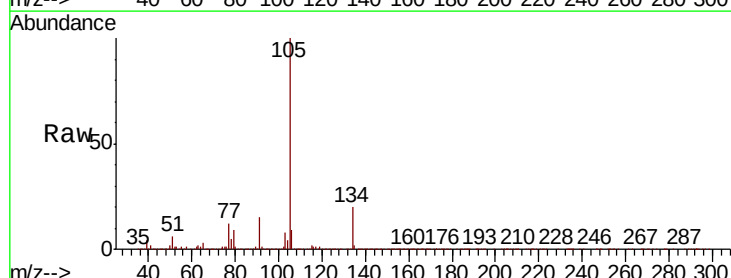
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

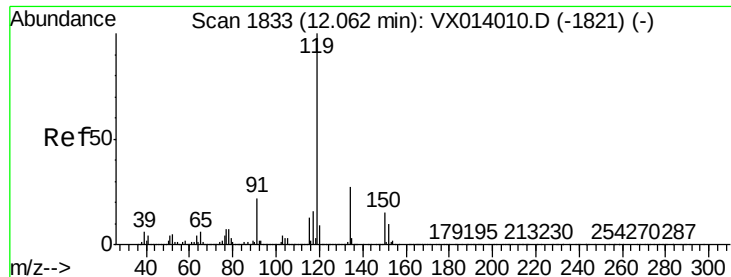
Tot Ion:105 Resp: 1051977
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2



#85
sec-Butylbenzene
Concen: 48.099 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion:105 Resp: 1197460
Ion Ratio Lower Upper
105 100
134 20.4 10.4 31.1

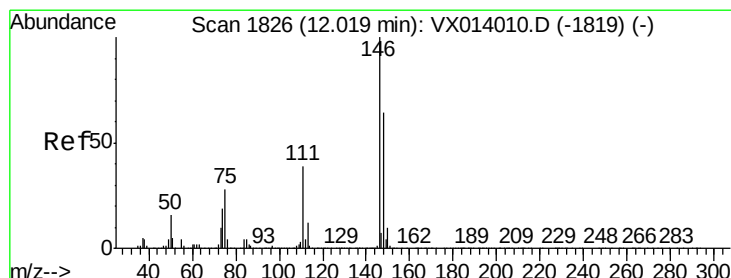
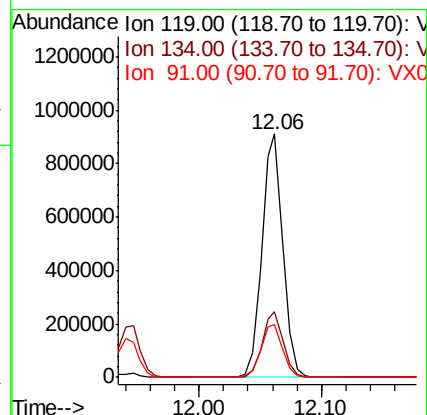
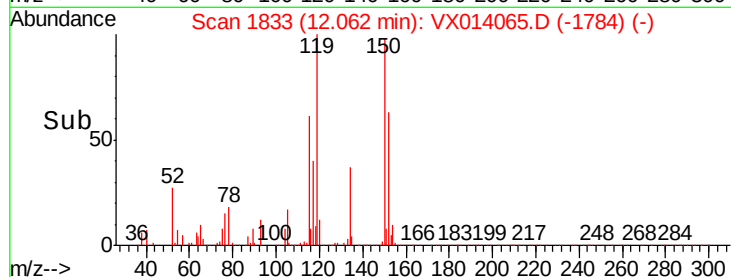
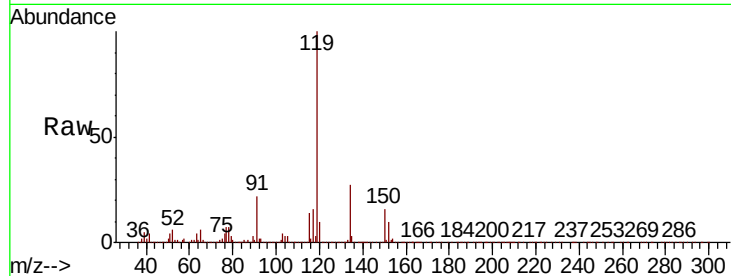




#86
p-Isopropyltoluene
Concen: 47.886 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

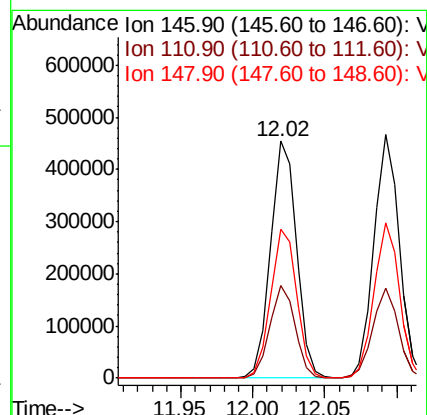
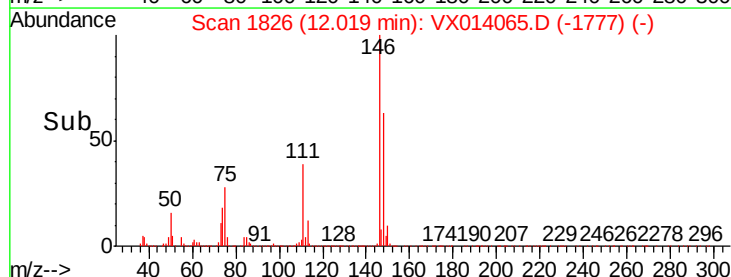
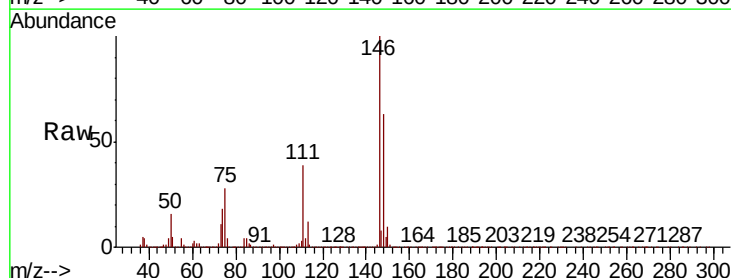
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20191207MS

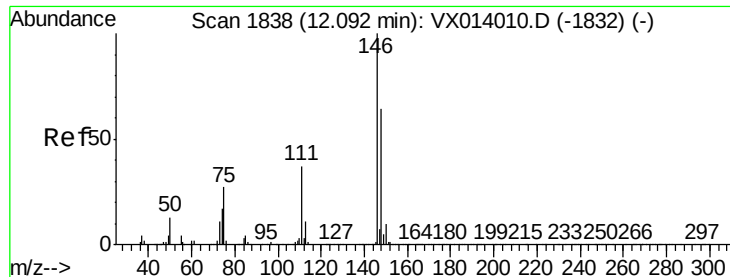
Tot Ion:119 Resp: 1090494
Ion Ratio Lower Upper
119 100
134 26.7 13.4 40.1
91 22.5 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 45.495 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014065.D
Acq: 17 Dec 2019 20:29

Tgt Ion:146 Resp: 564866
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.3 32.3 96.9





#88

1,4-Dichlorobenzene

Concen: 44.637 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

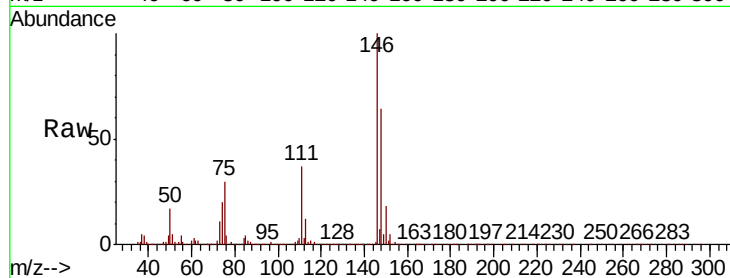
Tot Ion:146 Resp: 563526

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

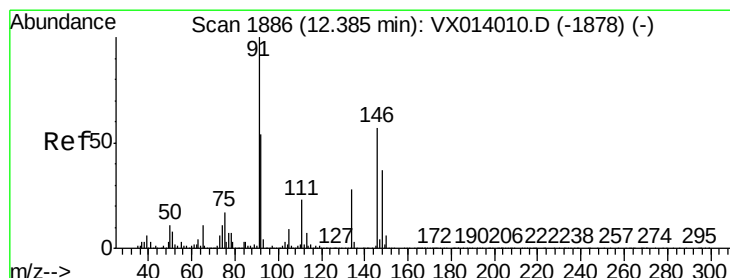
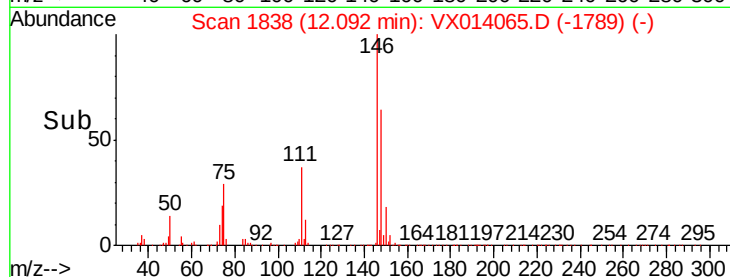
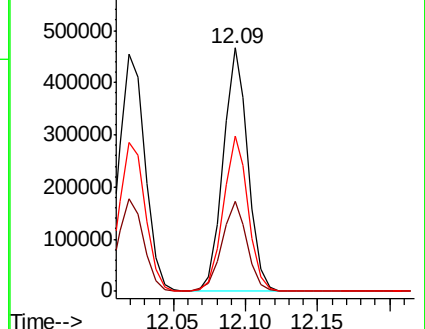
148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 45.744 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

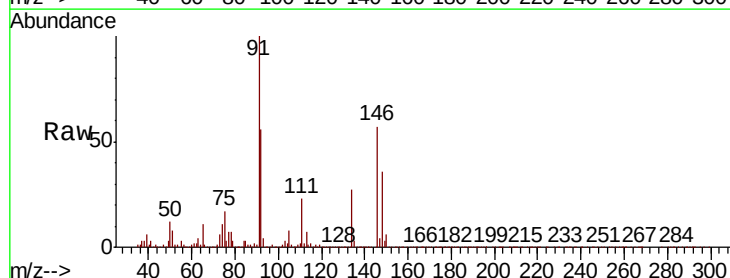
Tgt Ion: 91 Resp: 888872

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

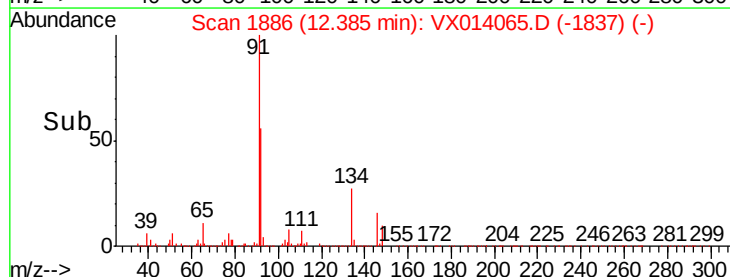
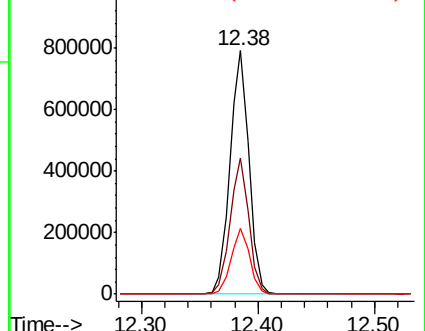
134 26.7 13.4 40.1

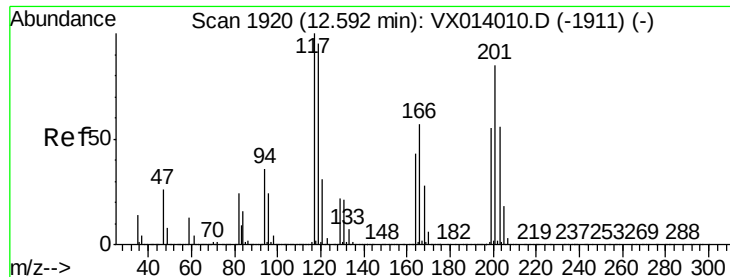


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.245 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

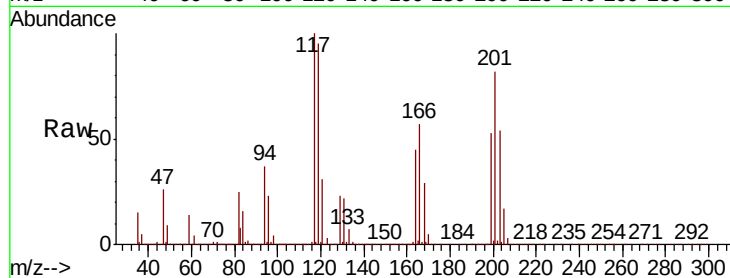
MW202D-20191207MS

Tot Ion:117 Resp: 197341

Ion Ratio Lower Upper

117 100

201 87.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

150000

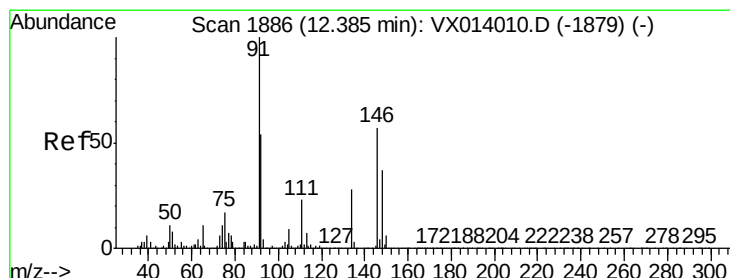
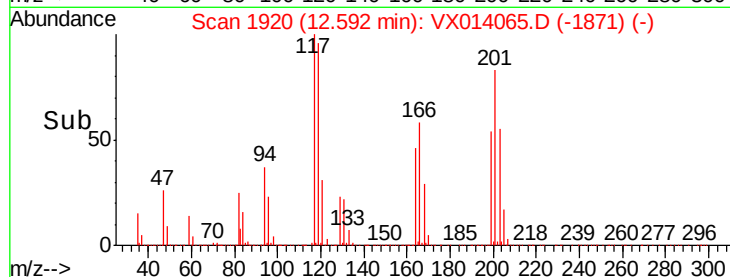
100000

50000

0

Time-->

12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 46.286 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

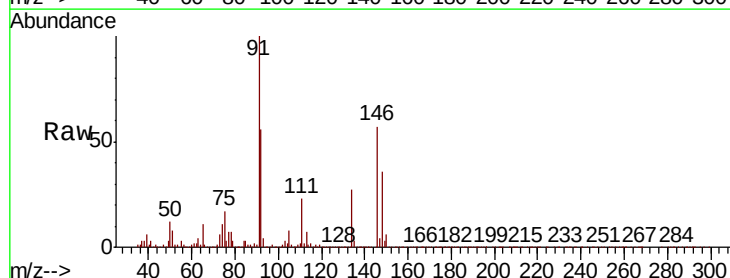
Tgt Ion:146 Resp: 578519

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

148 63.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

600000

500000

400000

300000

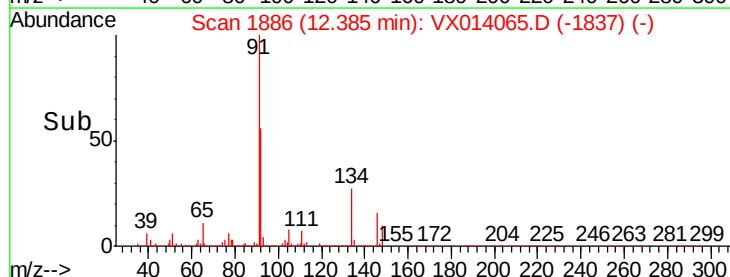
200000

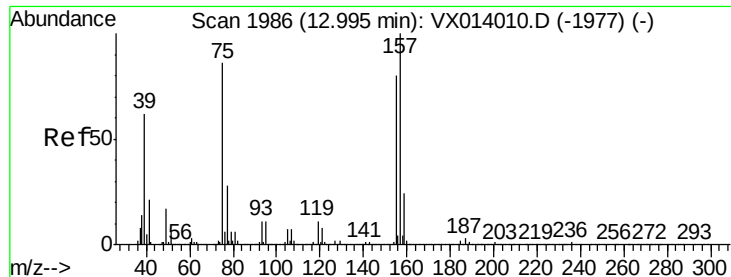
100000

0

Time-->

12.30 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.284 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

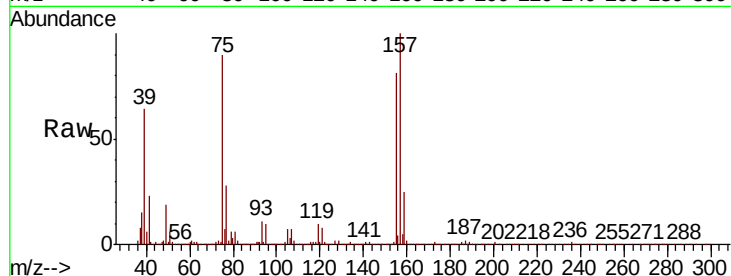
Tot Ion: 75 Resp: 99333

Ion Ratio Lower Upper

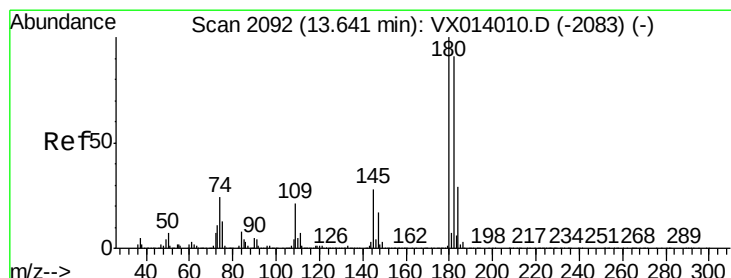
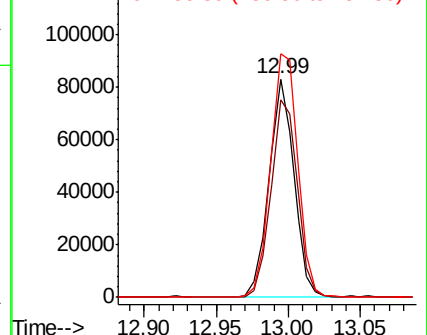
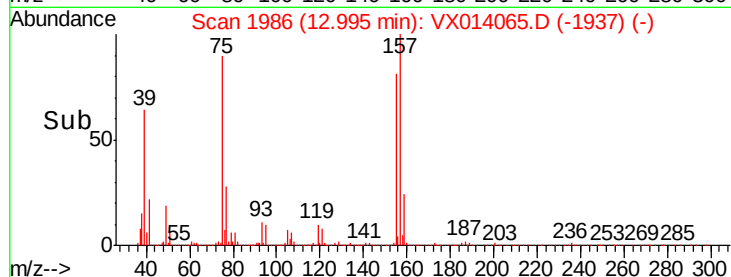
75 100

155 96.5 46.9 140.6

157 121.7 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VX014065.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 42.212 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

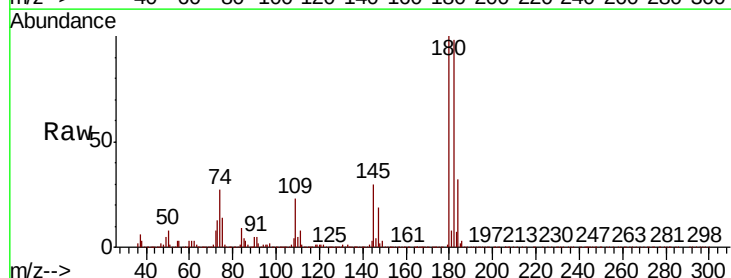
Tgt Ion: 180 Resp: 342917

Ion Ratio Lower Upper

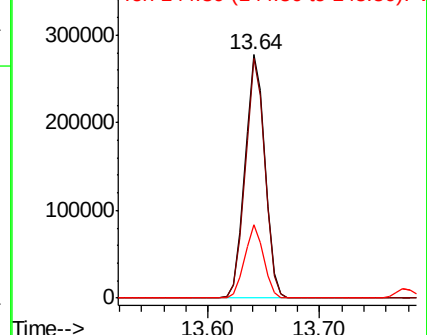
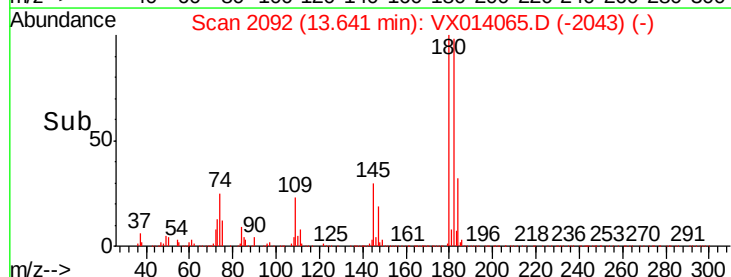
180 100

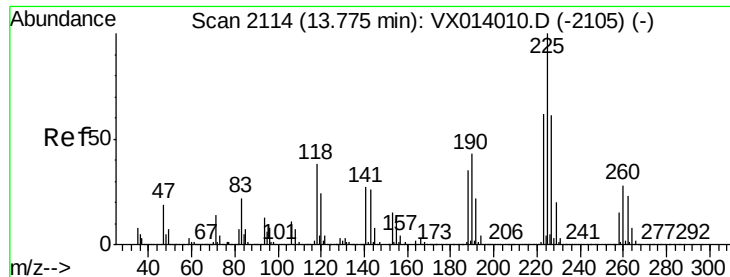
182 96.5 46.6 139.8

145 28.9 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): VX014065.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 41.921 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

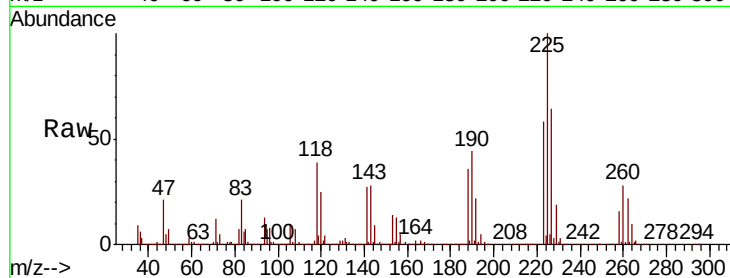
Tot Ion:225 Resp: 163668

Ion Ratio Lower Upper

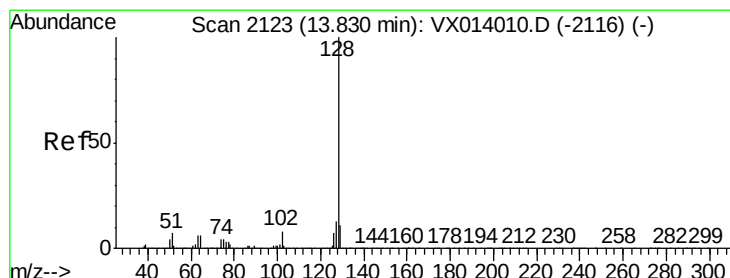
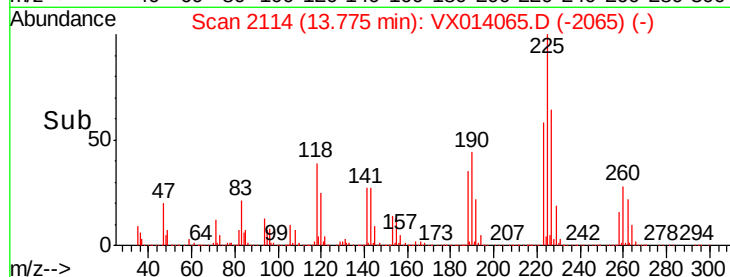
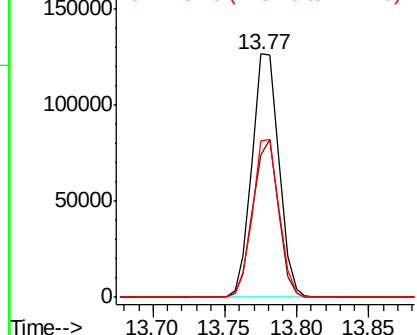
225 100

223 61.0 30.9 92.5

227 63.7 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: 47.329 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

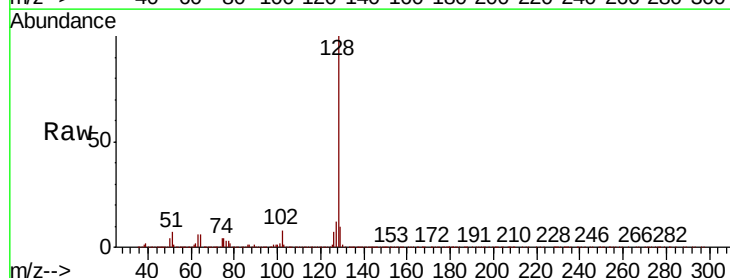
Tgt Ion:128 Resp: 1129642

Ion Ratio Lower Upper

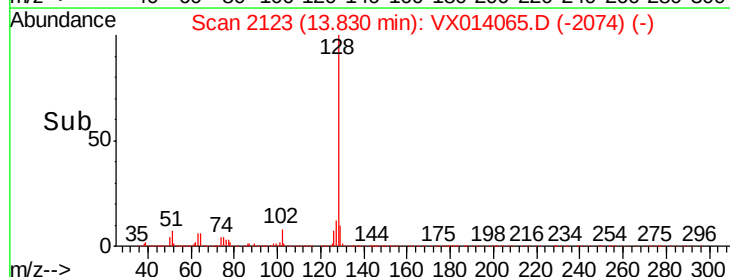
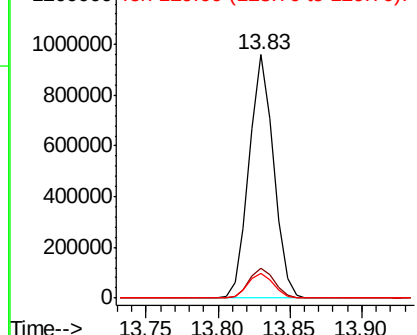
128 100

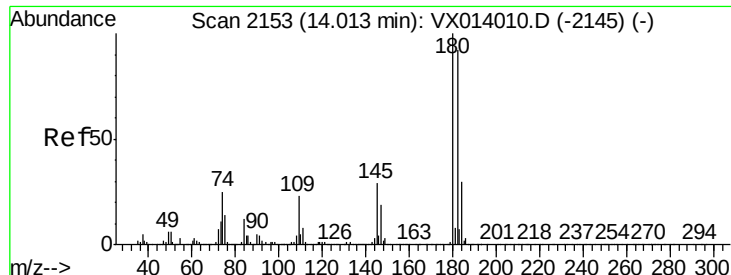
127 12.9 10.2 15.4

129 10.7 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: 45.015 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014065.D

Acq: 17 Dec 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20191207MS

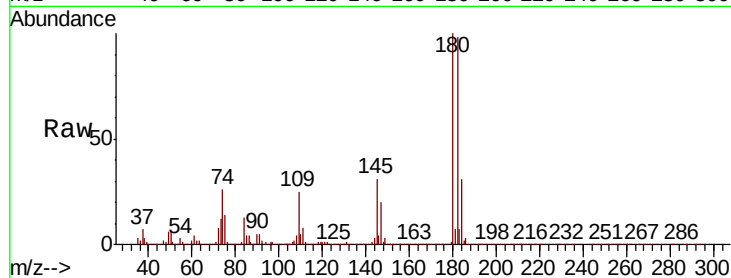
Tot Ion:180 Resp: 360984

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.3

145 29.7 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

