

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
 Data File : VX013348.D
 Acq On : 07 Nov 2019 13:14
 Operator : JC/SP
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Quant Time: Nov 07 16:19:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	732782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1095531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	986385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	483466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	389613	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
35) Dibromofluoromethane	5.48	113	324128	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.71	98	1236238	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	11.13	95	435547	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	159166	18.852	ug/l	98
3) Chloromethane	1.31	50	175678	19.187	ug/l	99
4) Vinyl Chloride	1.40	62	199648	19.153	ug/l	99
5) Bromomethane	1.62	94	125020	17.211	ug/l	99
6) Chloroethane	1.72	64	109626	17.627	ug/l	98
7) Trichlorofluoromethane	1.92	101	218707	17.759	ug/l	96
8) Diethyl Ether	2.18	74	98933	18.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131509	19.159	ug/l	99
10) Methyl Iodide	2.50	142	150517	17.712	ug/l	97
11) Tert butyl alcohol	3.03	59	195124	85.276	ug/l	98
12) 1,1-Dichloroethene	2.36	96	129637	19.286	ug/l	96
13) Acrolein	2.28	56	105173	84.810	ug/l	99
14) Allyl chloride	2.72	41	245414	20.094	ug/l	95
15) Acrylonitrile	3.13	53	430525	100.728	ug/l	97
16) Acetone	2.43	43	437438	101.022	ug/l	98
17) Carbon Disulfide	2.56	76	339643	18.879	ug/l	100
18) Methyl Acetate	2.76	43	237439	19.862	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	453091	20.210	ug/l	98
20) Methylene Chloride	2.84	84	153636	19.203	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	142980	19.536	ug/l	94
22) Diisopropyl ether	3.84	45	488531	20.719	ug/l	# 89
23) Vinyl Acetate	3.80	43	2013246	99.783	ug/l	99
24) 1,1-Dichloroethane	3.69	63	261152	19.799	ug/l	99
25) 2-Butanone	4.65	43	631058	99.343	ug/l	98
26) 2,2-Dichloropropane	4.57	77	209302	19.947	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	165444	20.180	ug/l	99
28) Bromochloromethane	5.00	49	74856	19.988	ug/l	98
29) Tetrahydrofuran	5.11	42	384433	98.206	ug/l	99
30) Chloroform	5.20	83	256928	19.727	ug/l	100
31) Cyclohexane	5.57	56	227930	19.204	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	217328	19.389	ug/l	100
36) 1,1-Dichloropropene	5.79	75	190106	20.228	ug/l	99
37) Ethyl Acetate	4.82	43	232711	20.039	ug/l	99
38) Carbon Tetrachloride	5.77	117	182468	19.854	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	232163	19.825	ug/l	99
40) Benzene	6.13	78	595990	20.358	ug/l	99
41) Methacrylonitrile	5.03	41	128096	19.679	ug/l	99
42) 1,2-Dichloroethane	6.18	62	216191	20.473	ug/l	99
43) Isopropyl Acetate	6.43	43	361889	20.012	ug/l	99
44) Trichloroethene	7.21	130	156899	19.470	ug/l	96
45) 1,2-Dichloropropane	7.51	63	155026	20.783	ug/l	99
46) Dibromomethane	7.65	93	99484	19.534	ug/l	98
47) Bromodichloromethane	7.89	83	196702	20.482	ug/l	92
48) Methyl methacrylate	7.76	41	181409	20.096	ug/l	97
49) 1,4-Dioxane	7.73	88	80145	387.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1186412	99.997	ug/l	100
52) Toluene	8.78	92	373039	20.559	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	210106	20.007	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	241820	20.585	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	156891	20.861	ug/l	95
56) Ethyl methacrylate	9.17	69	240387	19.700	ug/l	98
57) 1,3-Dichloropropane	9.37	76	256789	20.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	506641	98.523	ug/l	100
59) 2-Hexanone	9.48	43	918237	100.150	ug/l	99
60) Dibromochloromethane	9.57	129	157407	20.464	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161081	20.170	ug/l	99
64) Tetrachloroethene	9.33	164	142500	20.181	ug/l	98
65) Chlorobenzene	10.14	112	401961	20.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	151163	20.616	ug/l	98
67) Ethyl Benzene	10.25	91	696386	20.205	ug/l	99
68) m/p-Xylenes	10.35	106	534343	40.994	ug/l	99
69) o-Xylene	10.70	106	260092	20.381	ug/l	98
70) Styrene	10.71	104	439096	20.584	ug/l	98
71) Bromoform	10.85	173	118122	19.464	ug/l #	98
73) Isopropylbenzene	11.01	105	684804	21.364	ug/l	100
74) N-amyl acetate	10.89	43	316559	21.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	247421	21.158	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	268984	27.392	ug/l	81
77) Bromobenzene	11.25	156	179494	21.005	ug/l	98
78) n-propylbenzene	11.35	91	759958	21.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	457329	21.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	574657	21.523	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78030	20.453	ug/l	99
82) 4-Chlorotoluene	11.51	91	522008	20.728	ug/l	100
83) tert-Butylbenzene	11.76	119	583642	21.715	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	575728	21.495	ug/l	99
85) sec-Butylbenzene	11.94	105	658677	21.324	ug/l	99
86) p-Isopropyltoluene	12.06	119	602861	21.195	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	312937	20.544	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	314932	20.293	ug/l	99
89) n-Butylbenzene	12.38	91	505735	20.377	ug/l	100
90) Hexachloroethane	12.59	117	106023	20.921	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	313780	20.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51242	17.986	ug/l	98

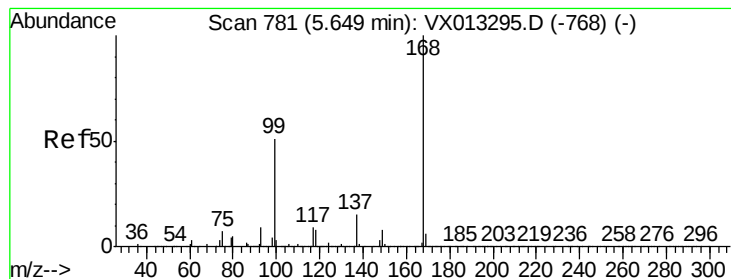
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
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VX1107WBSD01

Quant Time: Nov 07 16:19:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	209666	19.741	ug/l	100
94) Hexachlorobutadiene	13.78	225	100388	19.320	ug/l	98
95) Naphthalene	13.83	128	667041	20.018	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	213993	20.091	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

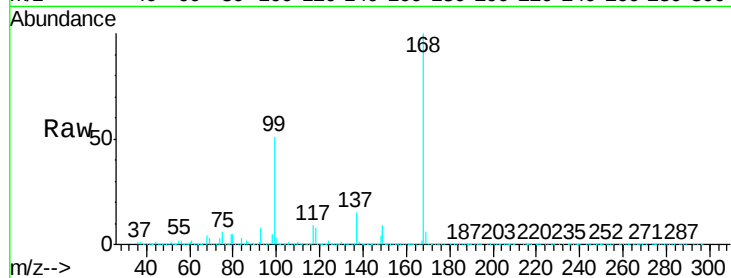
VX1107WBSD01

Tgt Ion:168 Resp: 732782

Ion Ratio Lower Upper

168 100

99 50.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

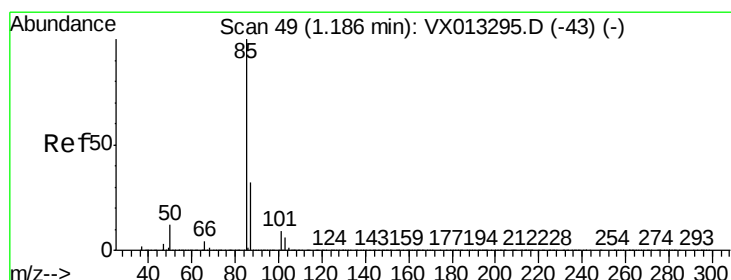
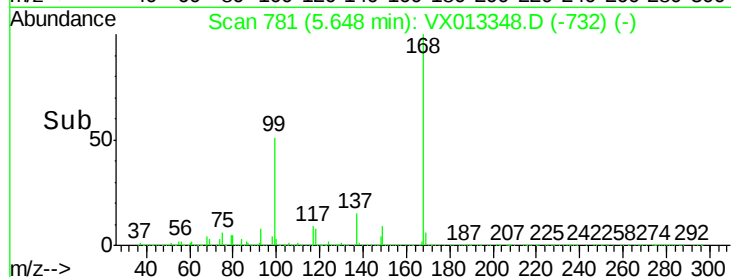
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.852 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013348.D

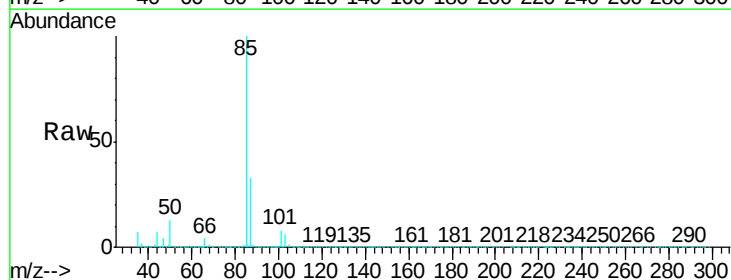
Acq: 07 Nov 2019 13:14

Tgt Ion: 85 Resp: 159166

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

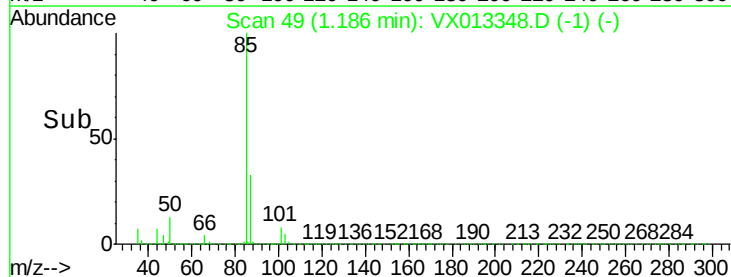
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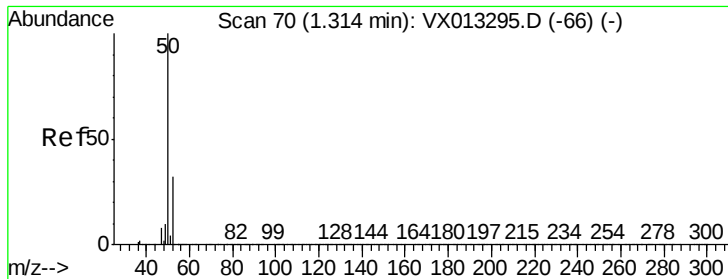
50000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.187 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

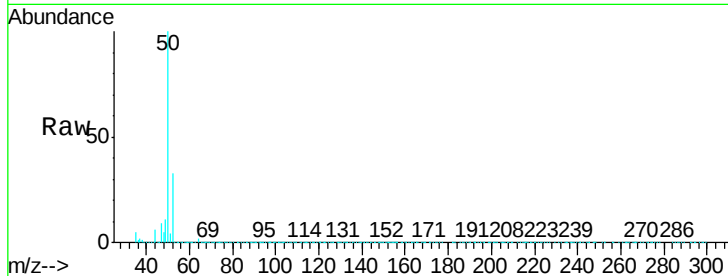
VX1107WBSD01

Tgt Ion: 50 Resp: 175678

Ion Ratio Lower Upper

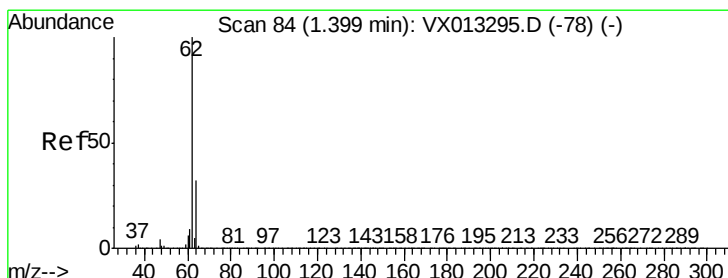
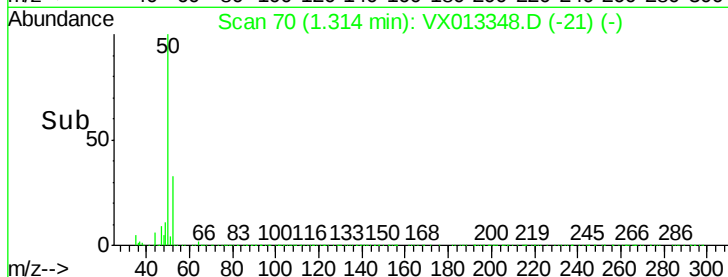
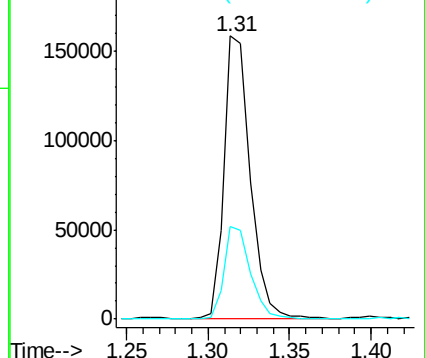
50 100

52 32.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.153 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013348.D

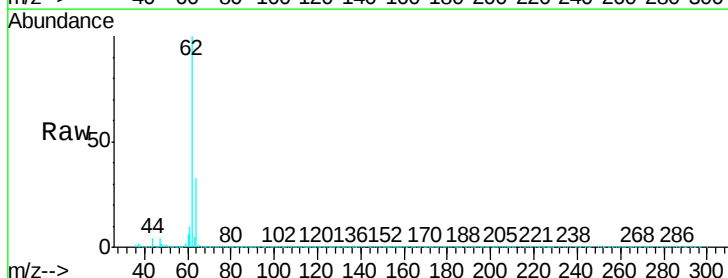
Acq: 07 Nov 2019 13:14

Tgt Ion: 62 Resp: 199648

Ion Ratio Lower Upper

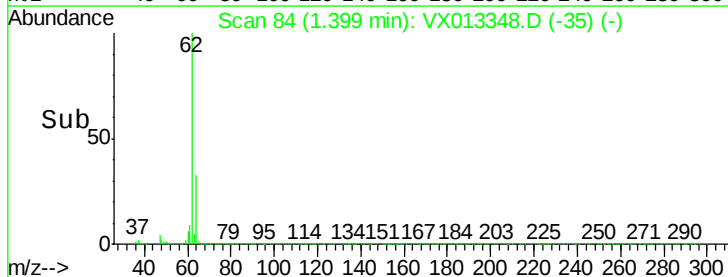
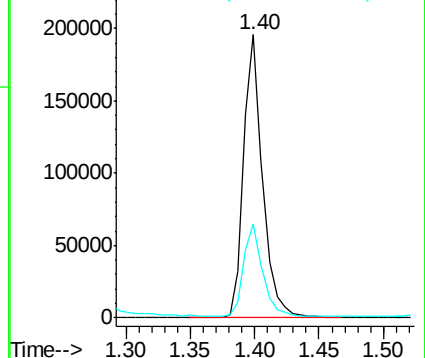
62 100

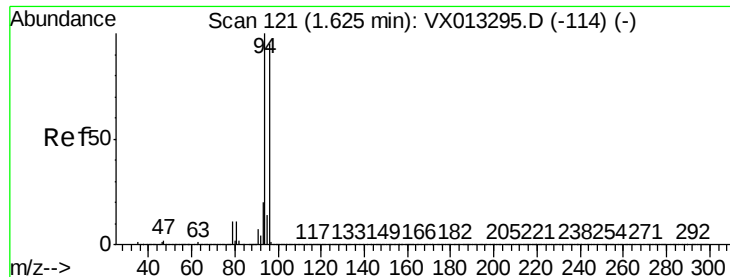
64 32.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.211 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

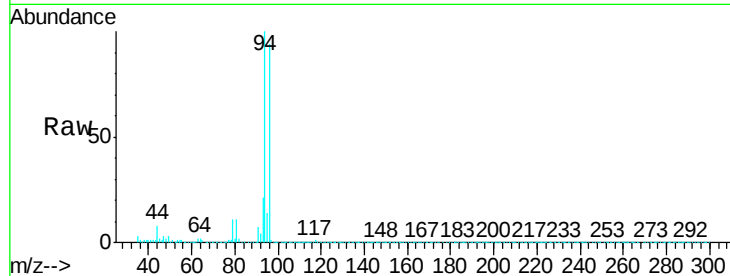
VX1107WBSD01

Tgt Ion: 94 Resp: 125020

Ion Ratio Lower Upper

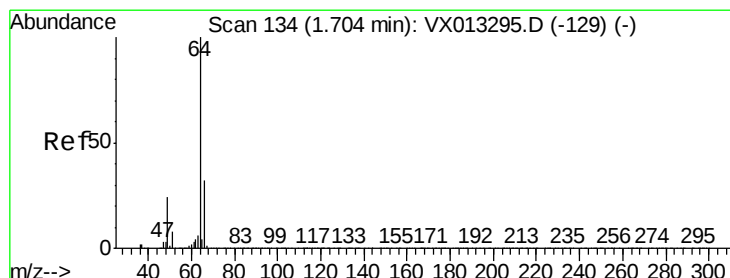
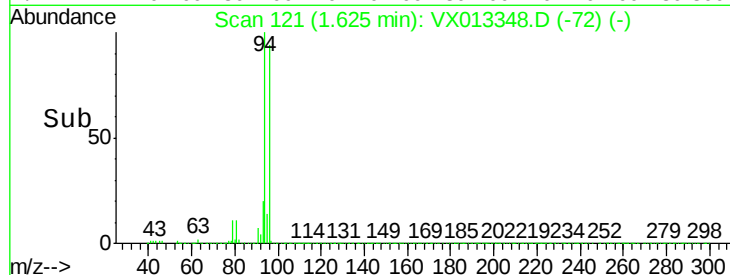
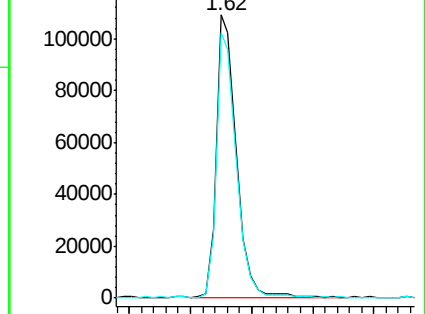
94 100

96 93.5 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.627 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013348.D

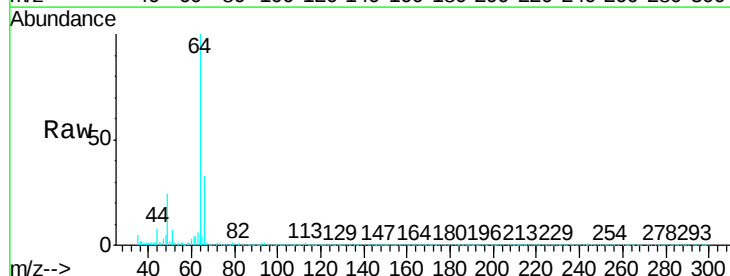
Acq: 07 Nov 2019 13:14

Tgt Ion: 64 Resp: 109626

Ion Ratio Lower Upper

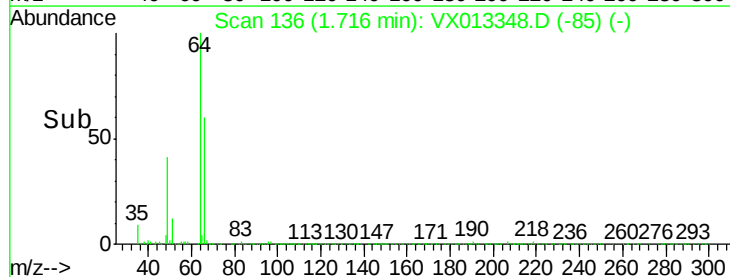
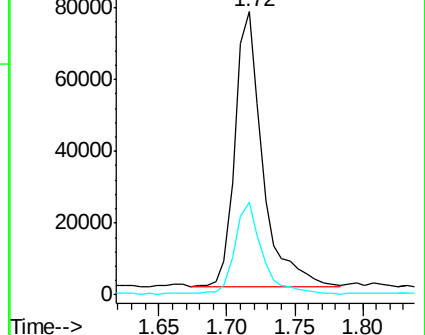
64 100

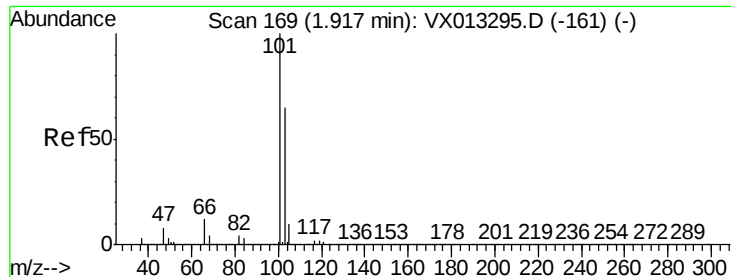
66 33.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



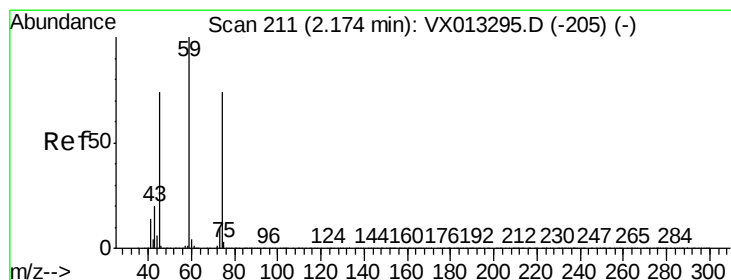
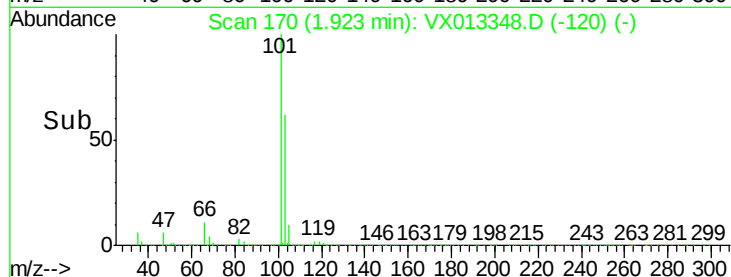
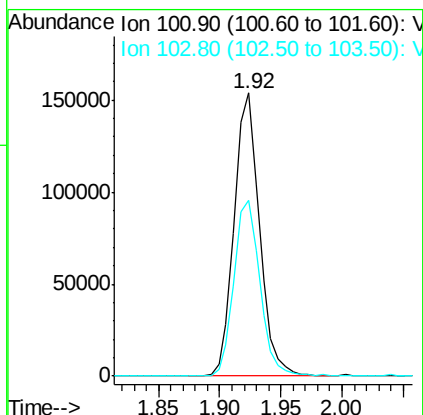
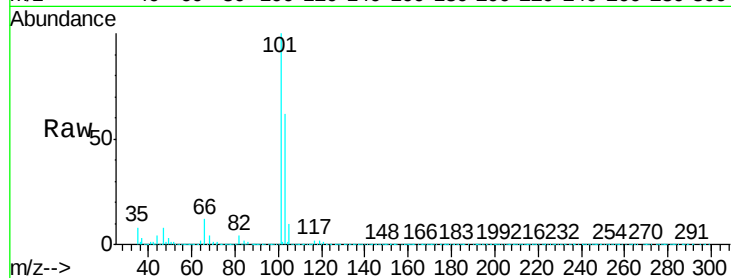


#7

Trichlorofluoromethane
Concen: 17.759 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

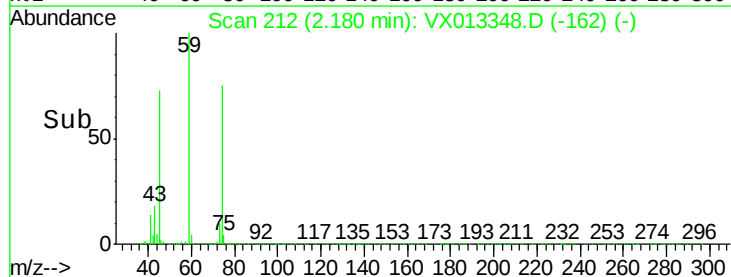
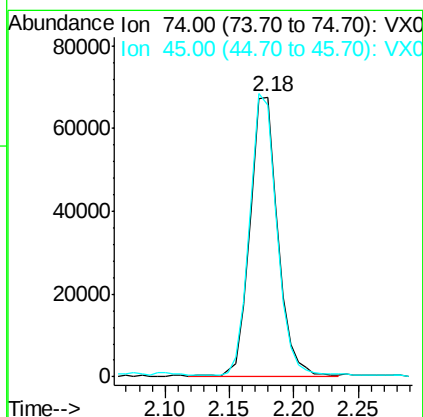
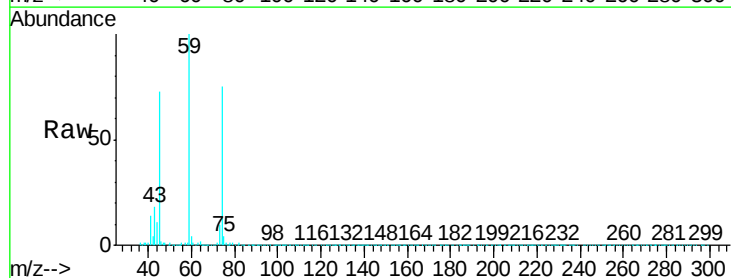
Tgt Ion:101 Resp: 218707
Ion Ratio Lower Upper
101 100
103 62.1 52.3 78.5

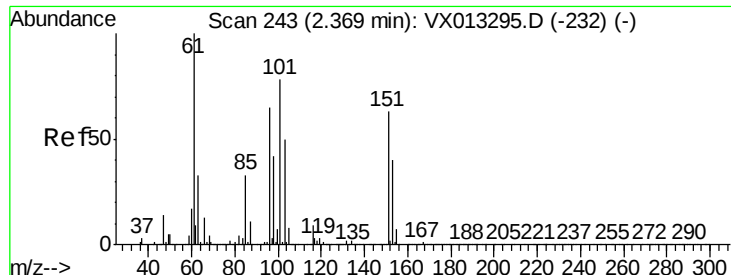


#8

Diethyl Ether
Concen: 18.167 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 74 Resp: 98933
Ion Ratio Lower Upper
74 100
45 99.5 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.159 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

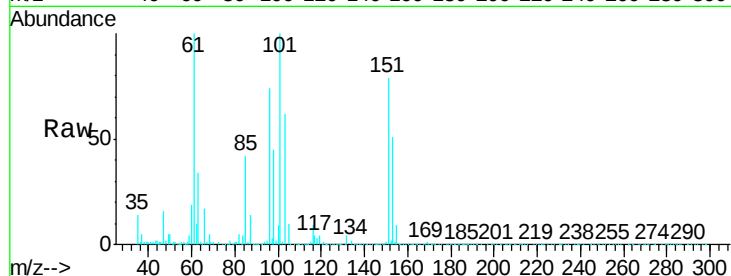
Tgt Ion:101 Resp: 131509

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

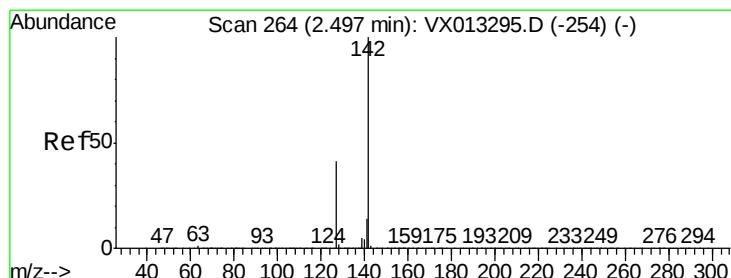
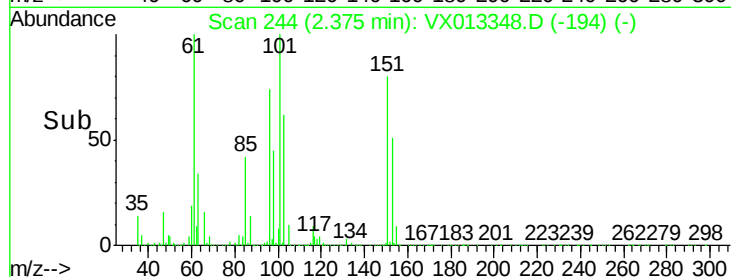
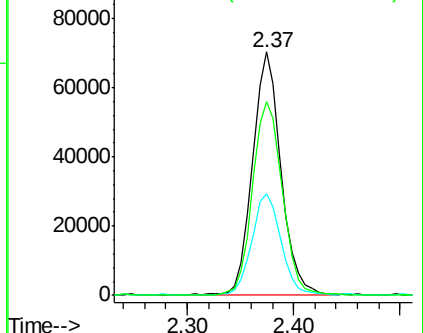
151 83.7 66.4 99.6



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: 17.712 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

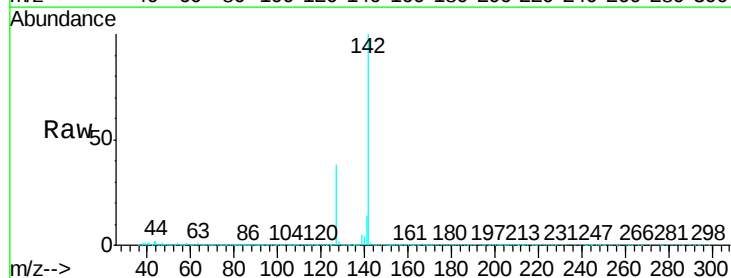
Tgt Ion:142 Resp: 150517

Ion Ratio Lower Upper

142 100

127 38.2 32.6 49.0

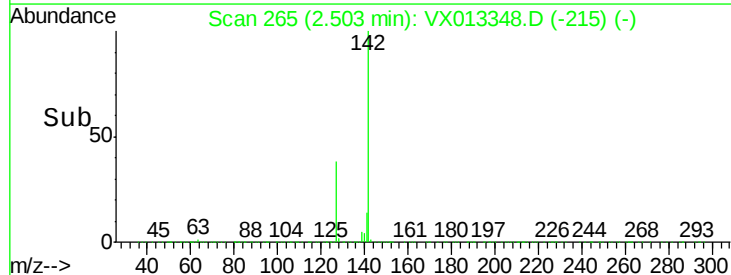
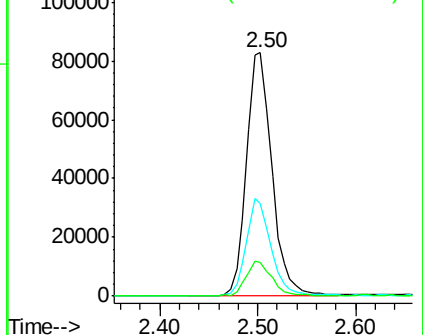
141 14.1 11.6 17.4

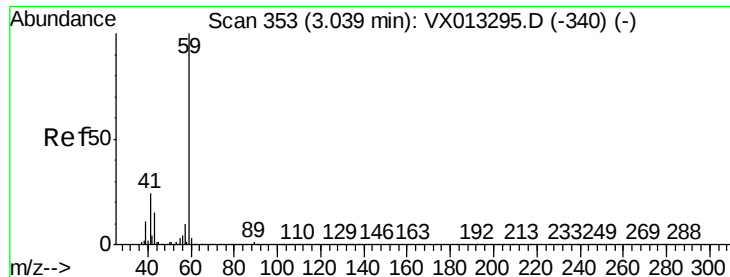


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

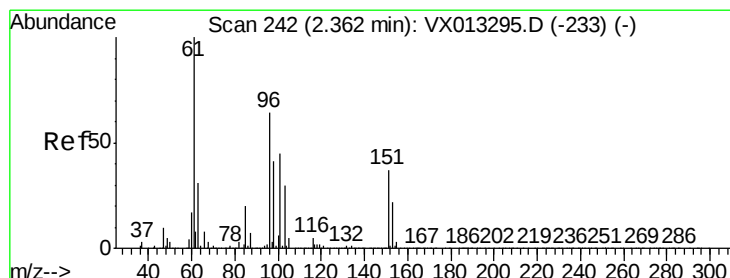
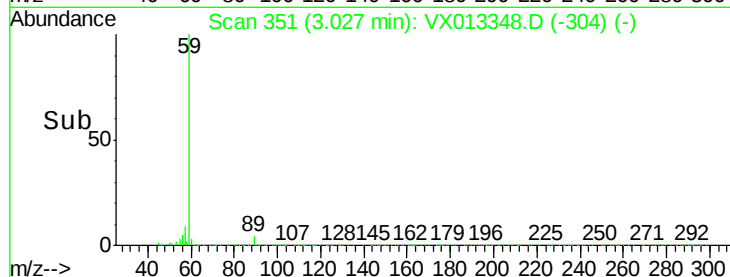
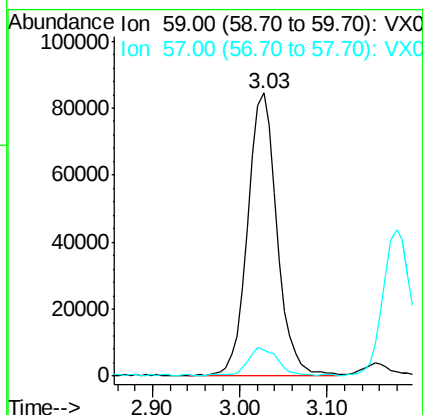
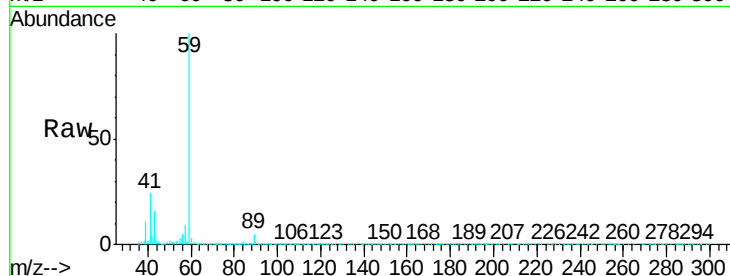




#11
Tert butyl alcohol
Concen: 85.276 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

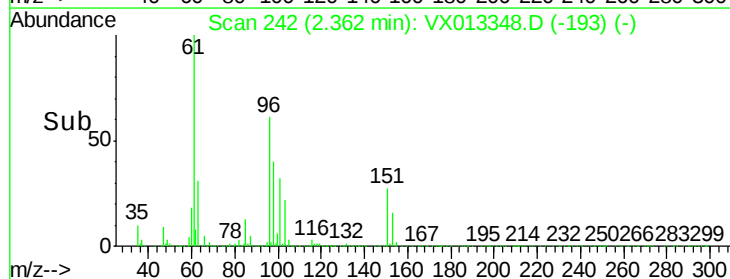
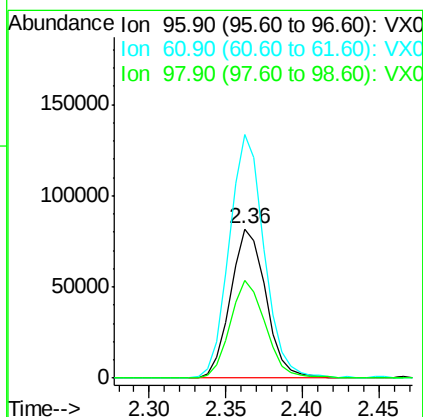
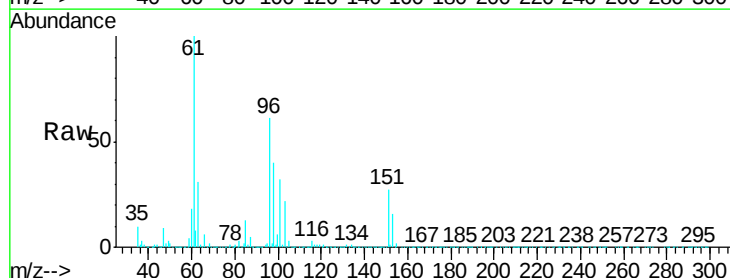
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

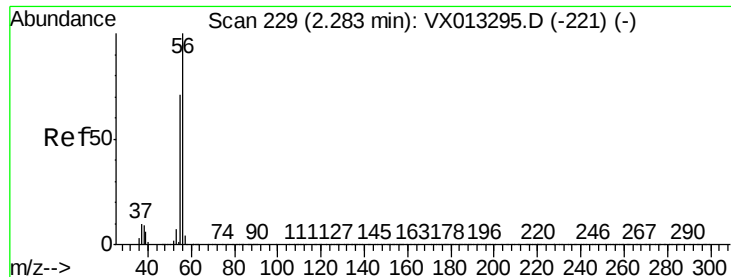
Tgt Ion: 59 Resp: 195124
Ion Ratio Lower Upper
59 100
57 9.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.286 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 96 Resp: 129637
Ion Ratio Lower Upper
96 100
61 163.3 125.0 187.6
98 65.2 50.7 76.1





#13

Acrolein

Concen: 84.810 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

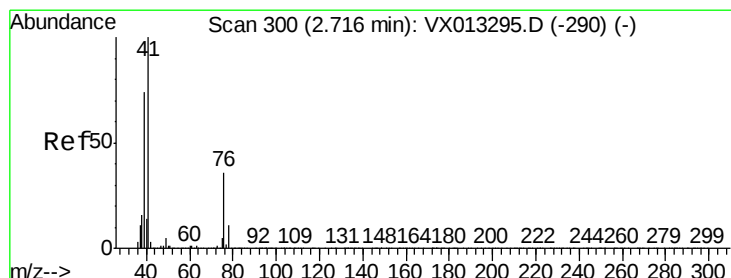
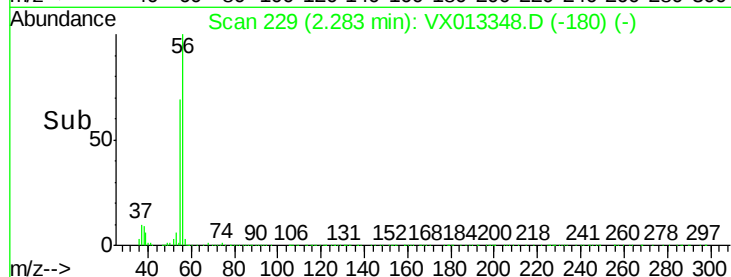
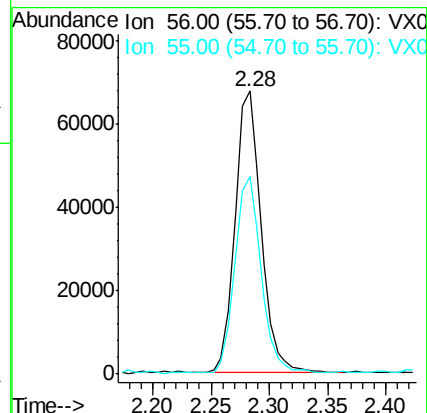
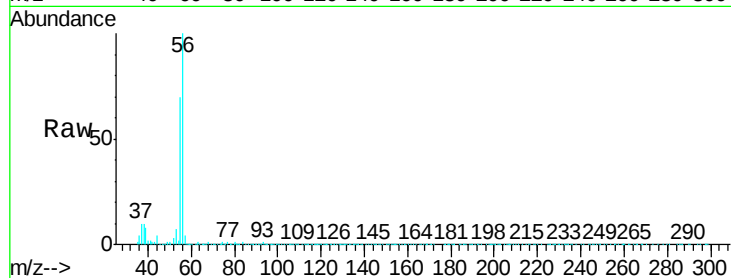
VX1107WBSD01

Tgt Ion: 56 Resp: 105173

Ion Ratio Lower Upper

56 100

55 70.9 57.4 86.0



#14

Allyl chloride

Concen: 20.094 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

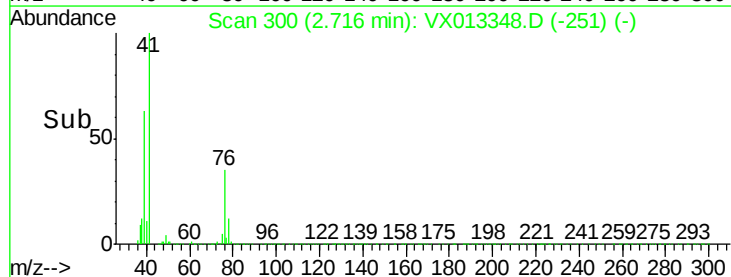
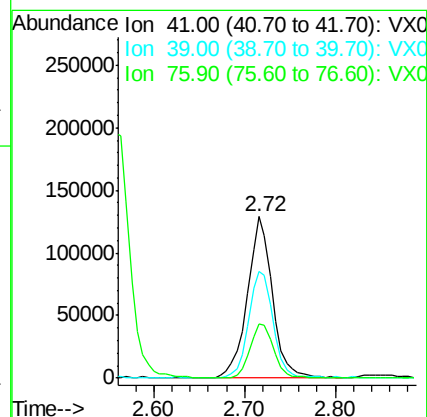
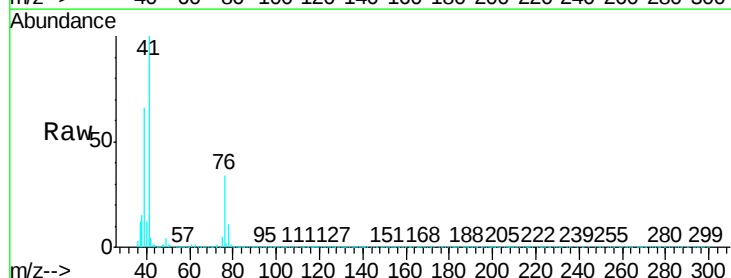
Tgt Ion: 41 Resp: 245414

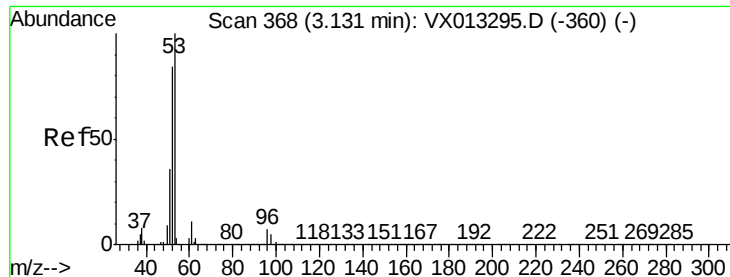
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.8

76 31.9 26.4 39.6





#15

Acrylonitrile

Concen: 100.728 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

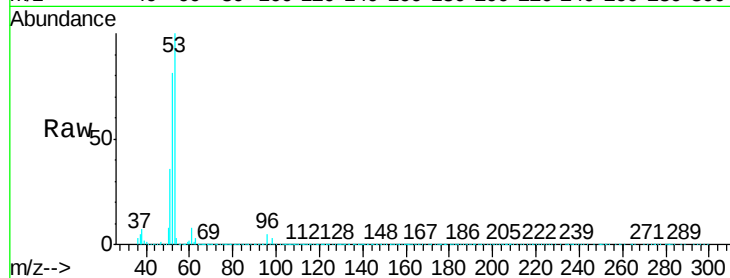
Tgt Ion: 53 Resp: 430525

Ion Ratio Lower Upper

53 100

52 81.9 67.4 101.0

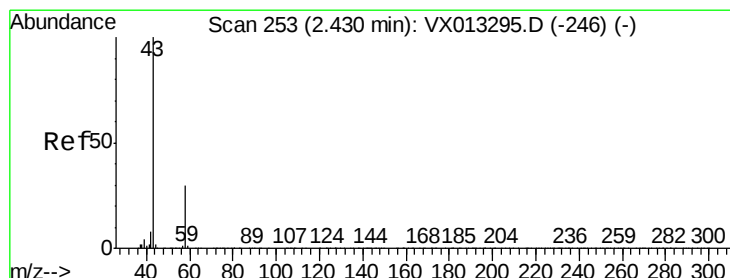
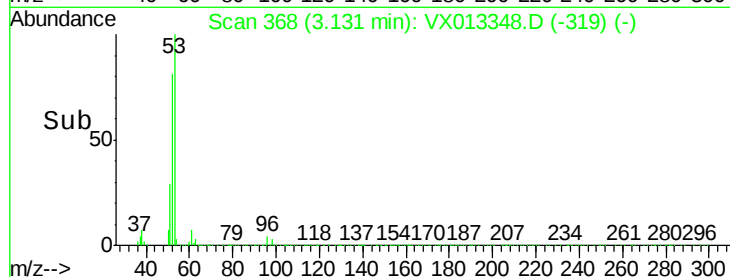
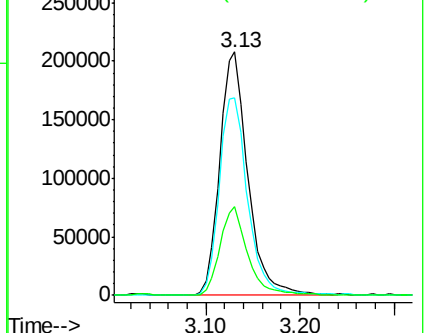
51 35.3 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.022 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013348.D

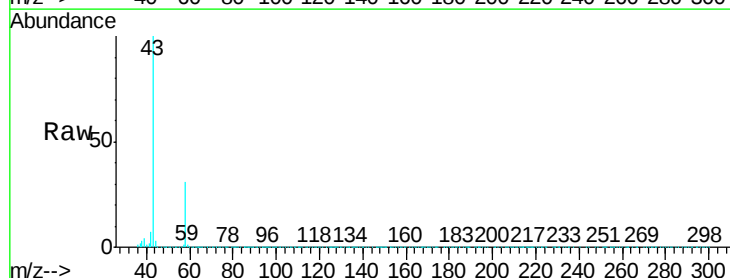
Acq: 07 Nov 2019 13:14

Tgt Ion: 43 Resp: 437438

Ion Ratio Lower Upper

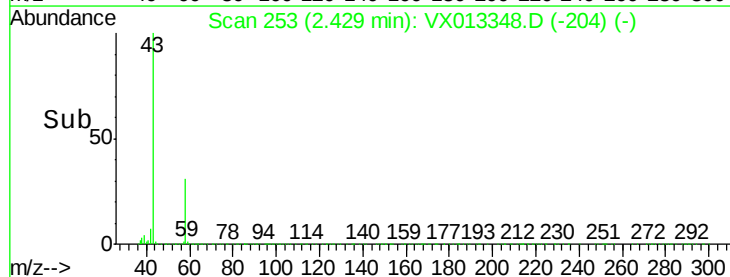
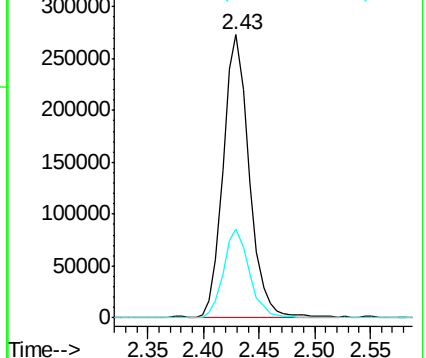
43 100

58 31.3 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.879 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

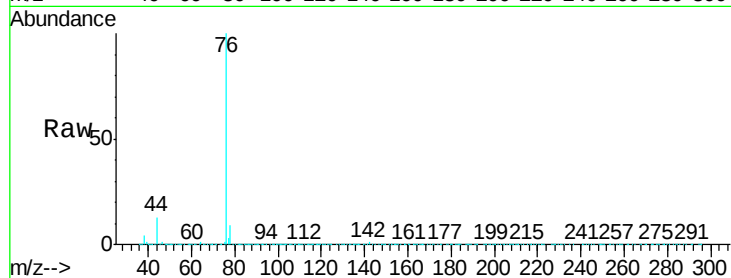
VX1107WBSD01

Tgt Ion: 76 Resp: 339643

Ion Ratio Lower Upper

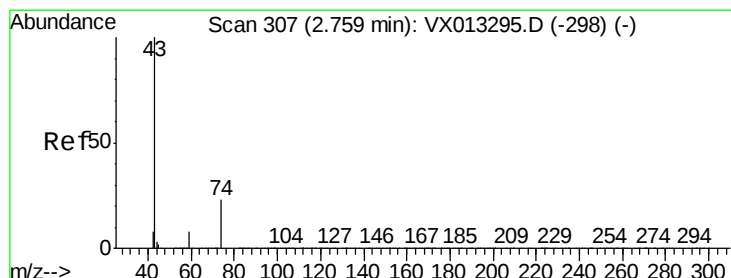
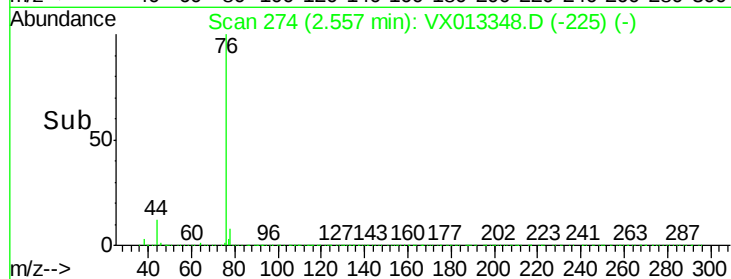
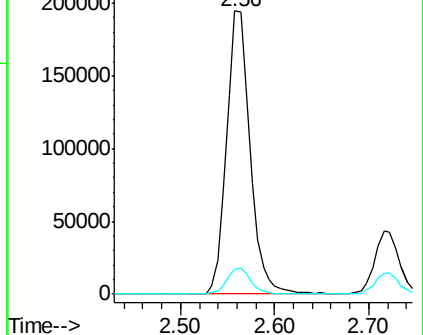
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.862 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013348.D

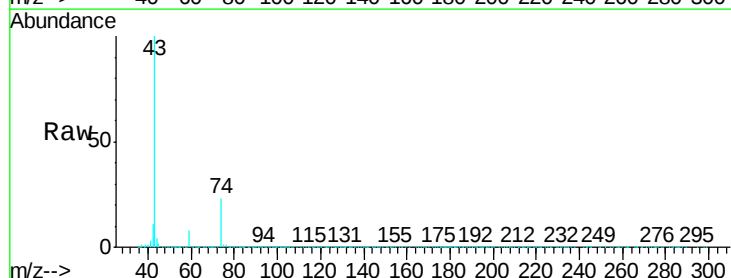
Acq: 07 Nov 2019 13:14

Tgt Ion: 43 Resp: 237439

Ion Ratio Lower Upper

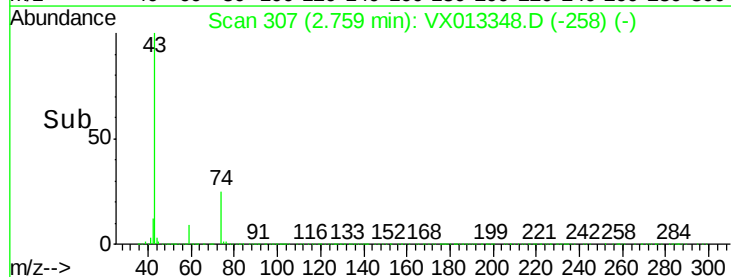
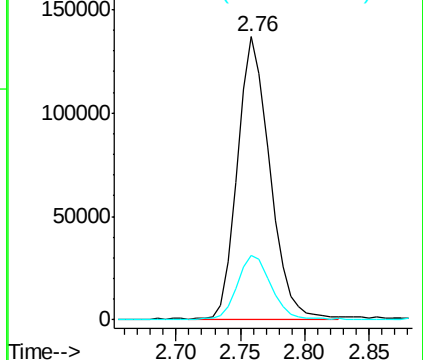
43 100

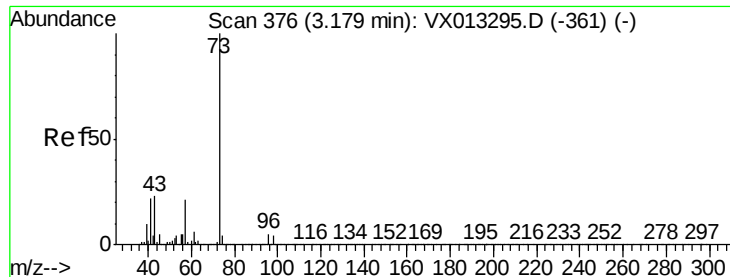
74 24.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



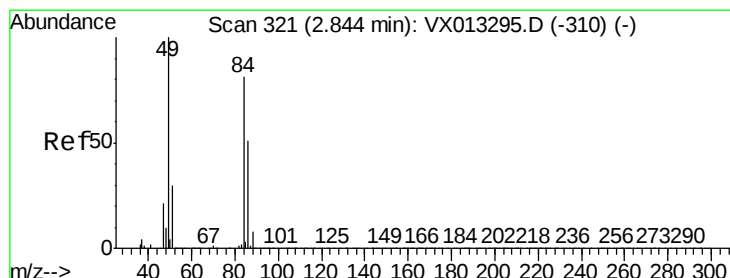
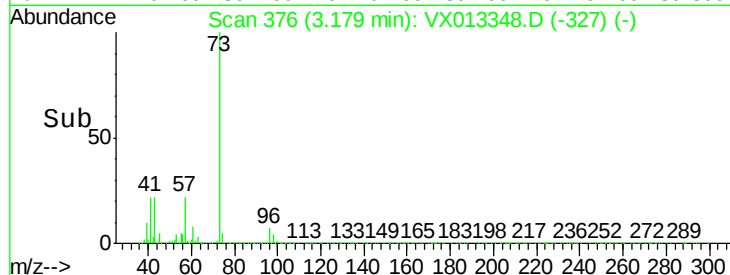
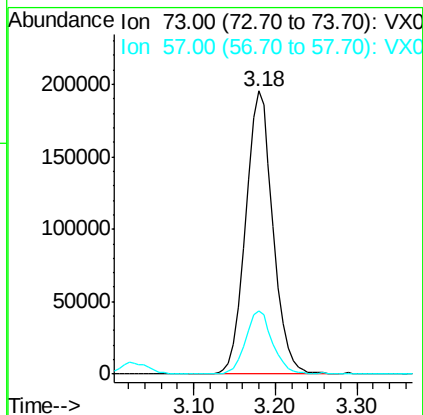
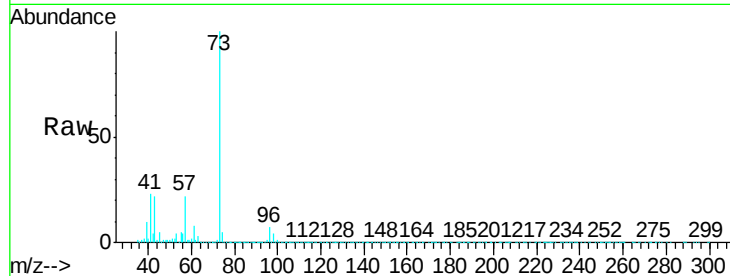


#19

Methyl tert-butyl Ether
Concen: 20.210 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

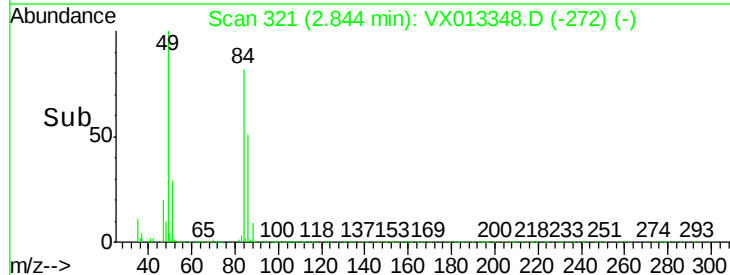
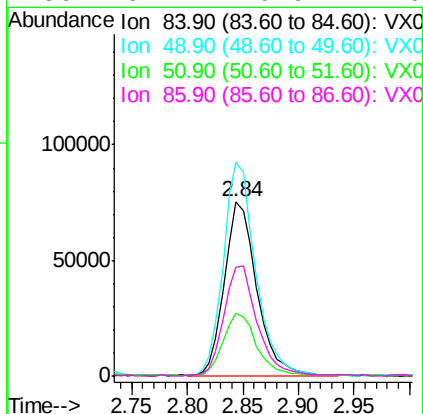
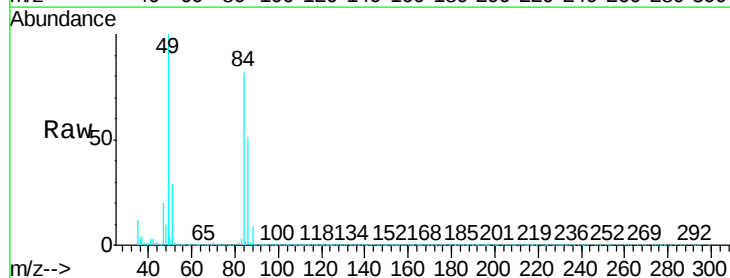
Tgt Ion: 73 Resp: 453091
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7

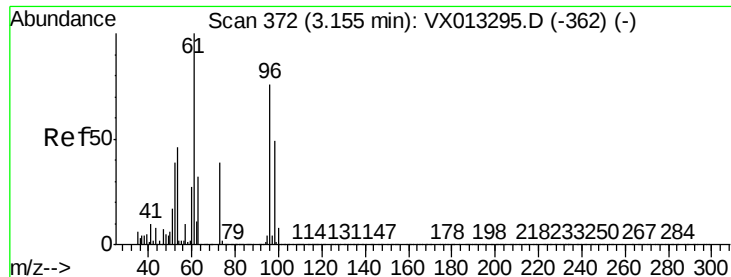


#20

Methylene Chloride
Concen: 19.203 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 84 Resp: 153636
Ion Ratio Lower Upper
84 100
49 121.9 98.2 147.4
51 35.1 29.9 44.9
86 62.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.536 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

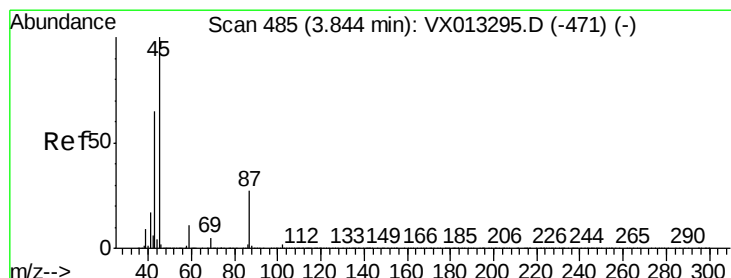
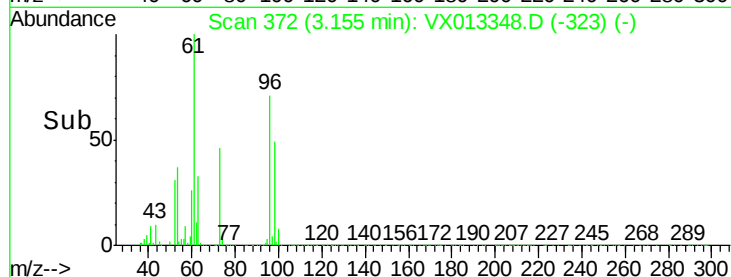
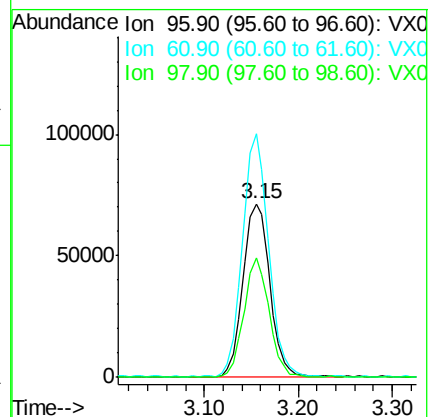
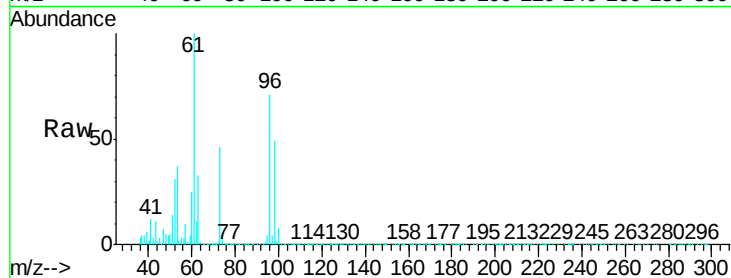
Tgt Ion: 96 Resp: 142980

Ion Ratio Lower Upper

96 100

61 139.9 105.8 158.6

98 69.1 51.8 77.6



#22

Diisopropyl ether

Concen: 20.719 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion: 45 Resp: 488531

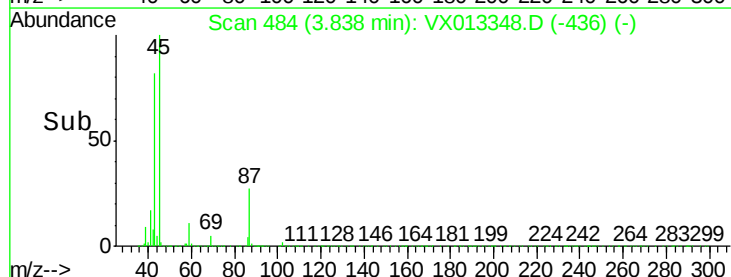
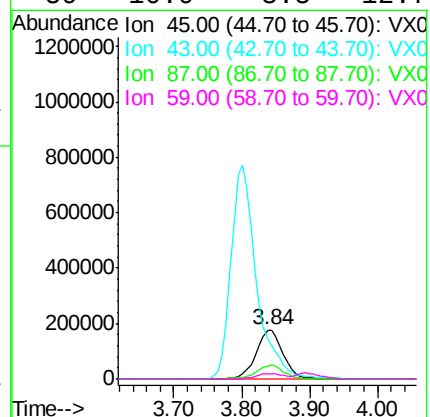
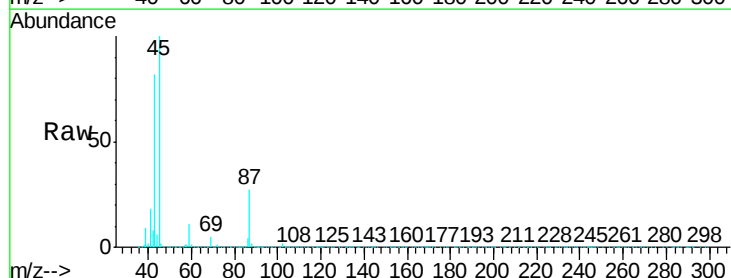
Ion Ratio Lower Upper

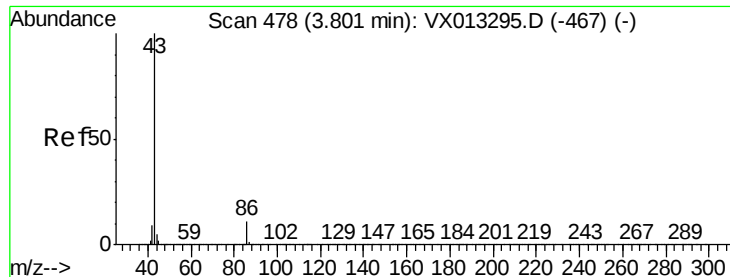
45 100

43 81.8 54.2 81.2#

87 27.2 21.8 32.8

59 10.9 8.5 12.7

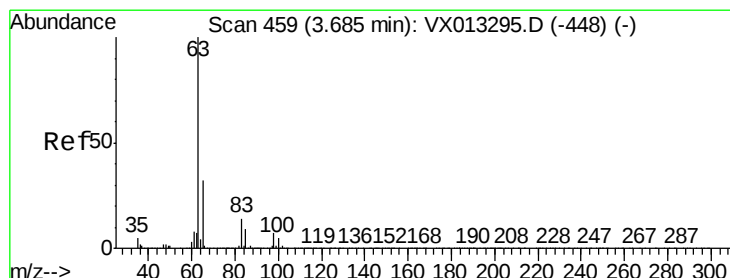
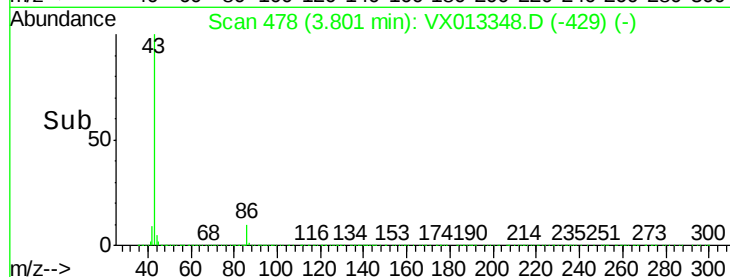
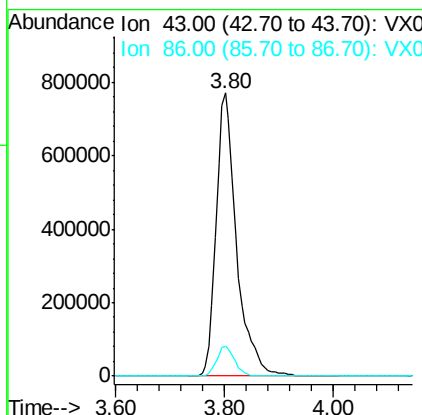
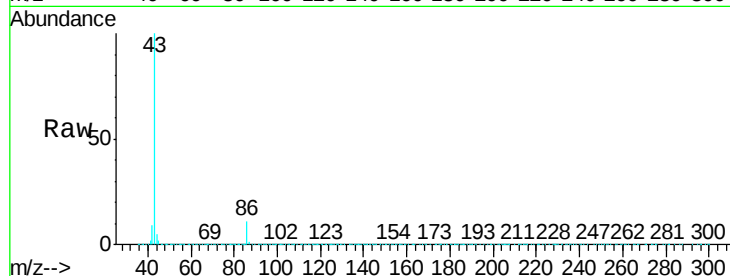




#23
 Vinyl Acetate
 Concen: 99.783 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

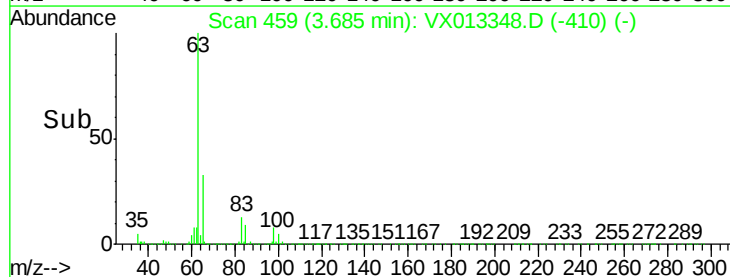
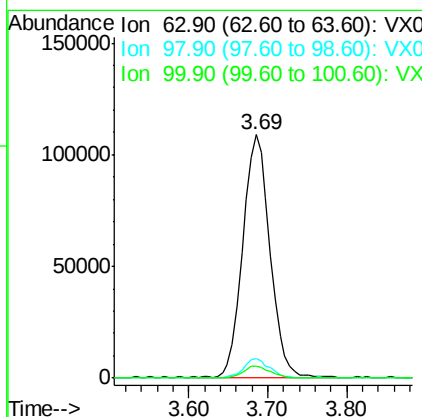
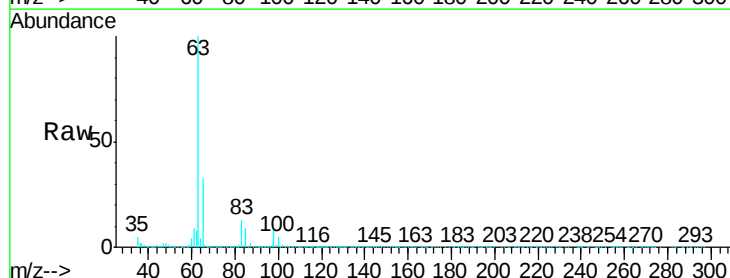
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

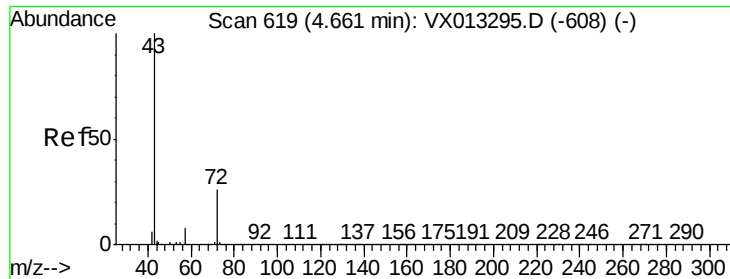
Tgt Ion: 43 Resp: 2013246
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.799 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion: 63 Resp: 261152
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 99.343 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

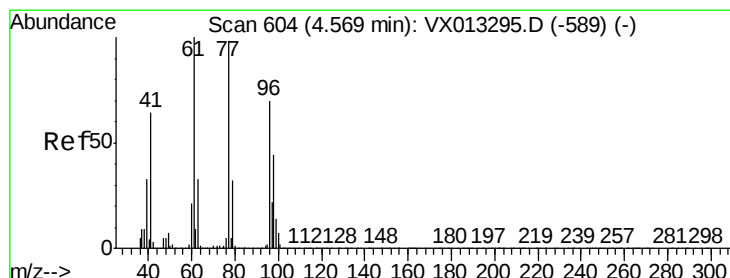
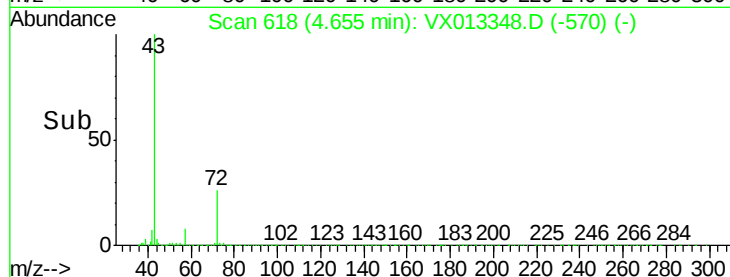
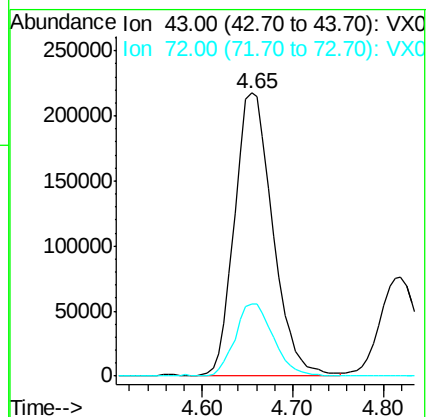
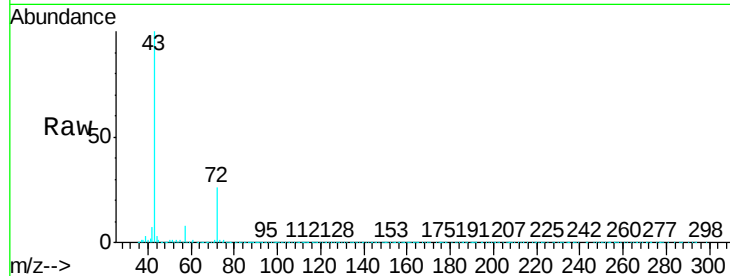
VX1107WBSD01

Tgt Ion: 43 Resp: 631058

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.947 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013348.D

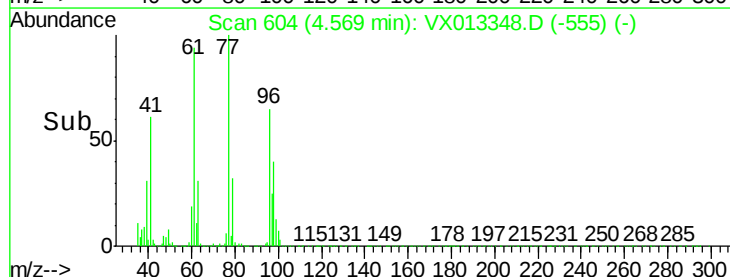
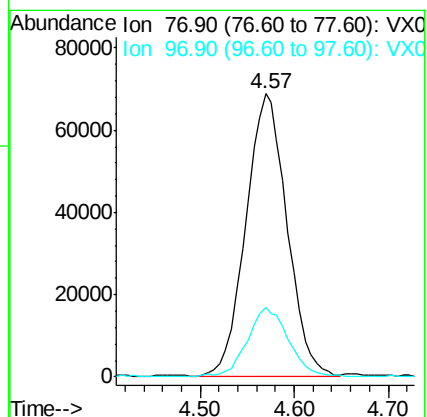
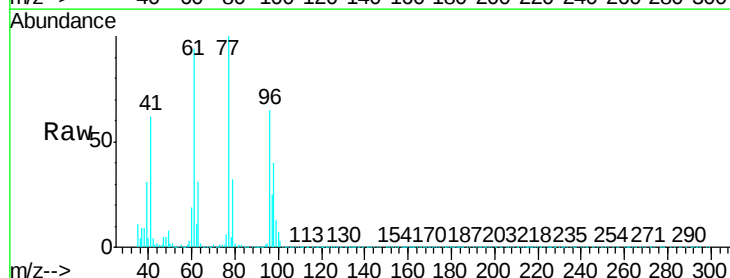
Acq: 07 Nov 2019 13:14

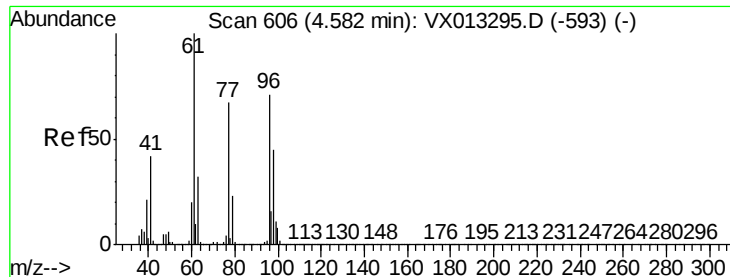
Tgt Ion: 77 Resp: 209302

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8



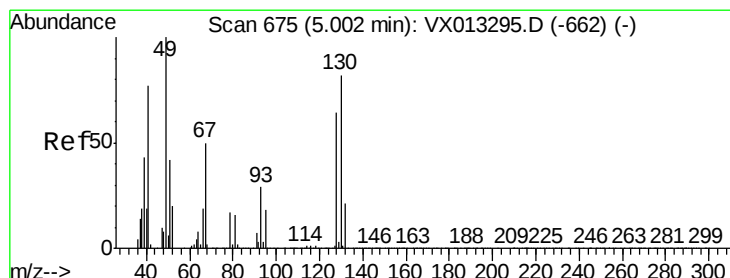
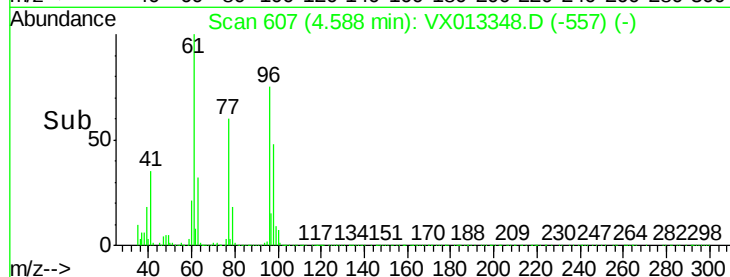
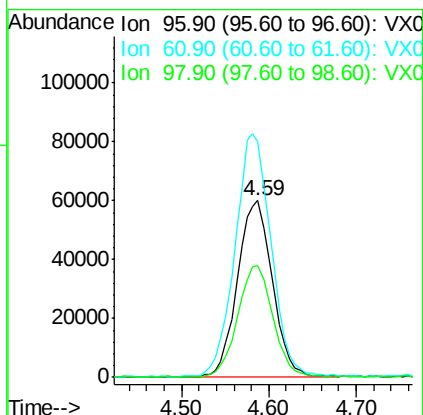
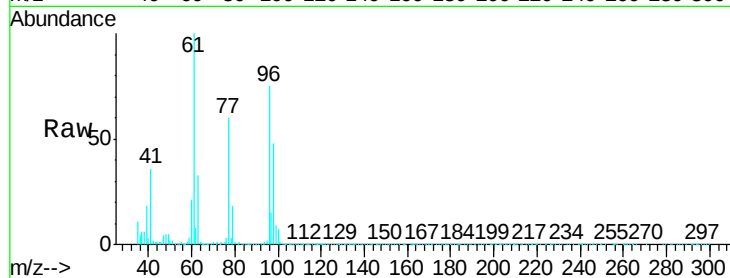


#27

cis-1,2-Dichloroethene
Concen: 20.180 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampled :
VX1107WBSD01

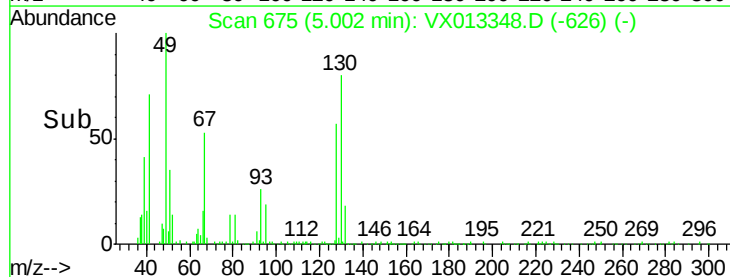
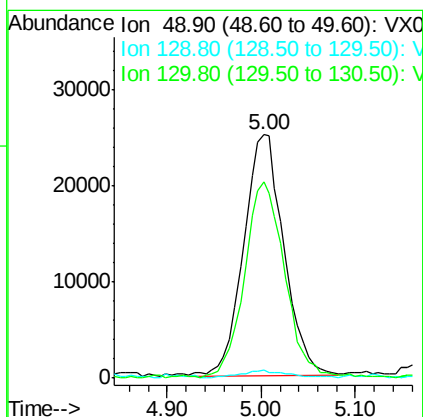
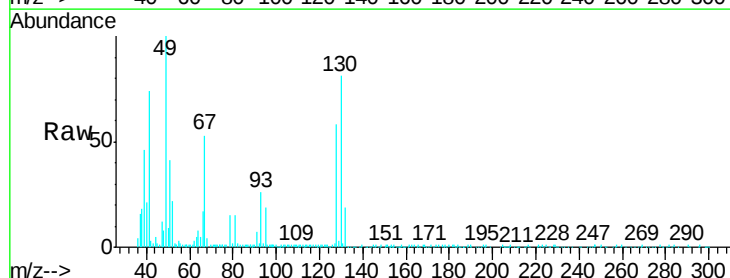
Tgt Ion: 96 Resp: 165444
Ion Ratio Lower Upper
96 100
61 143.7 0.0 288.0
98 63.8 0.0 129.6

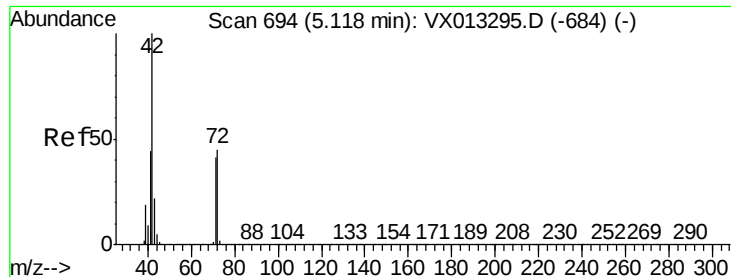


#28

Bromochloromethane
Concen: 19.988 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 49 Resp: 74856
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.2
130 81.7 63.8 95.6





#29

Tetrahydrofuran

Concen: 98.206 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

VX1107WBSD01

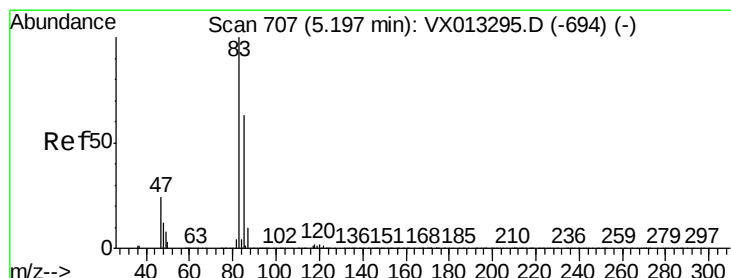
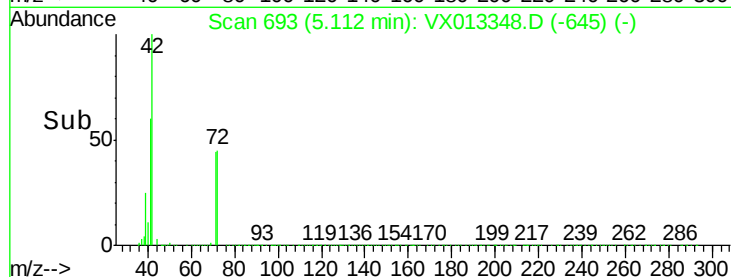
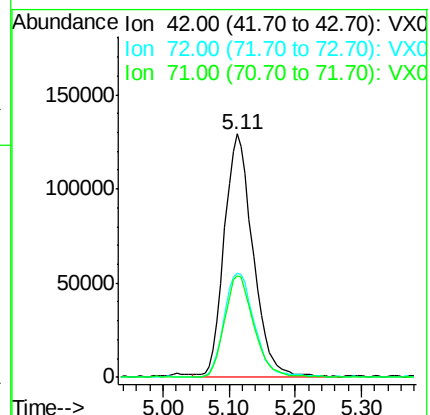
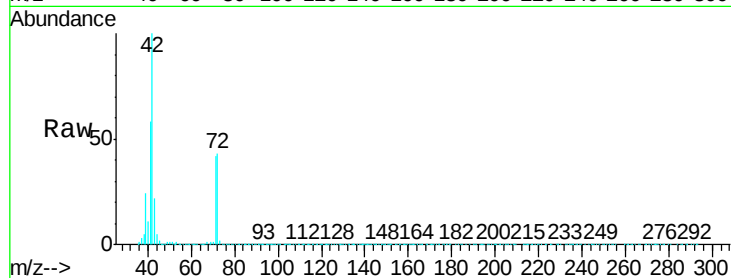
Tgt Ion: 42 Resp: 384433

Ion Ratio Lower Upper

42 100

72 45.5 35.8 53.8

71 42.0 33.4 50.0



#30

Chloroform

Concen: 19.727 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013348.D

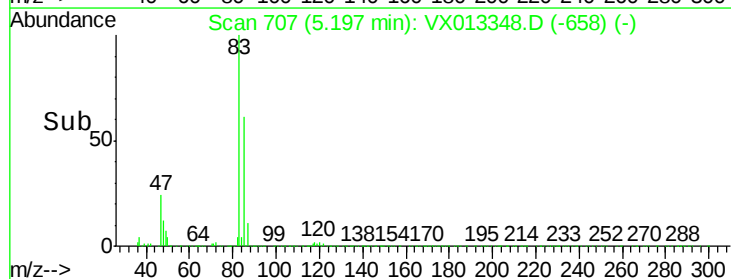
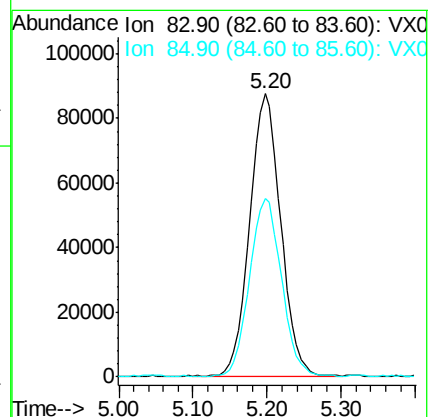
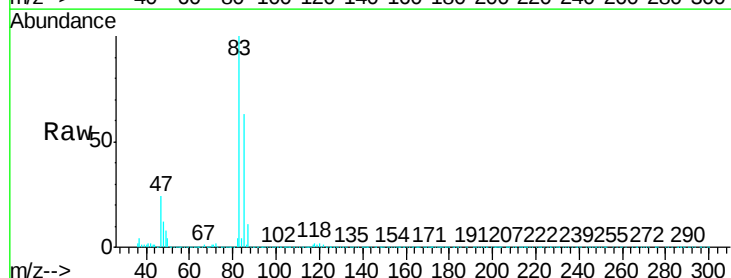
Acq: 07 Nov 2019 13:14

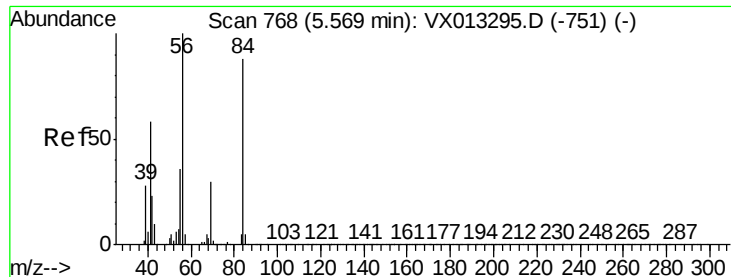
Tgt Ion: 83 Resp: 256928

Ion Ratio Lower Upper

83 100

85 63.0 50.2 75.4

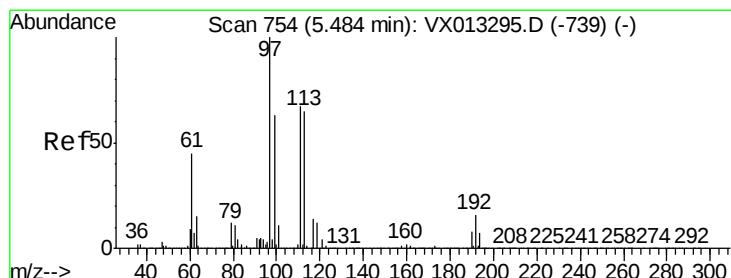
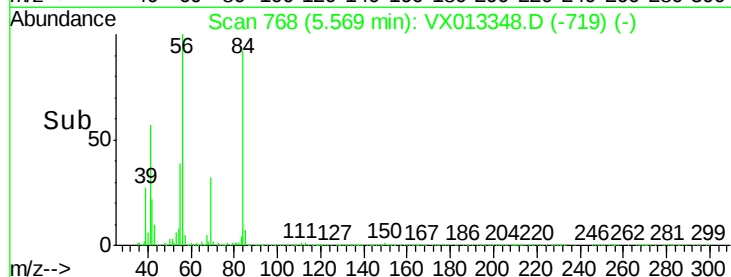
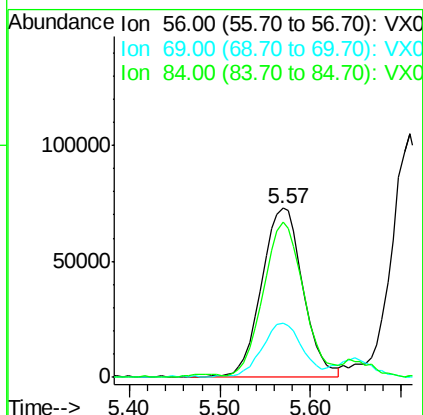
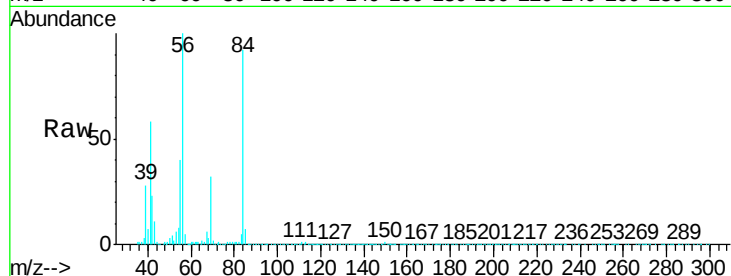




#31
Cyclohexane
Concen: 19.204 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

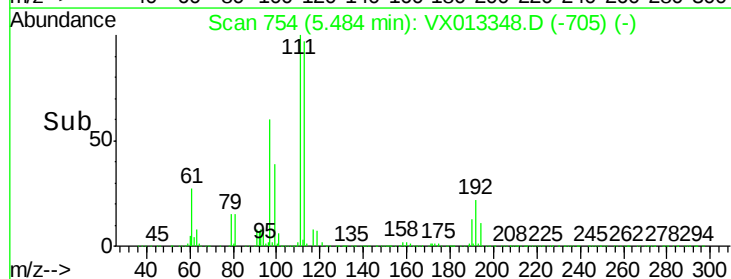
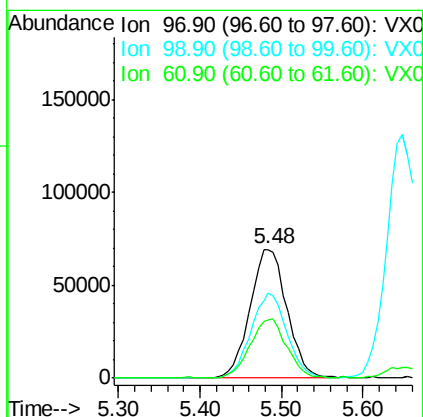
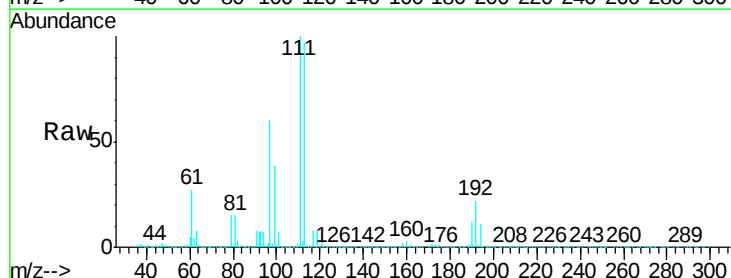
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

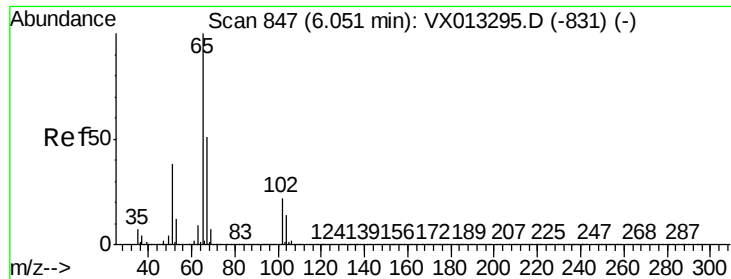
Tgt Ion: 56 Resp: 227930
Ion Ratio Lower Upper
56 100
69 32.1 23.7 35.5
84 91.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.389 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 97 Resp: 217328
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 45.2 36.5 54.7

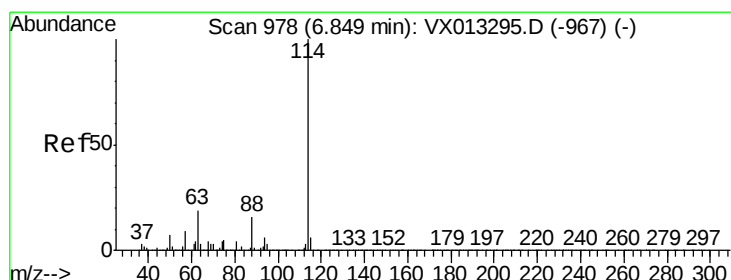
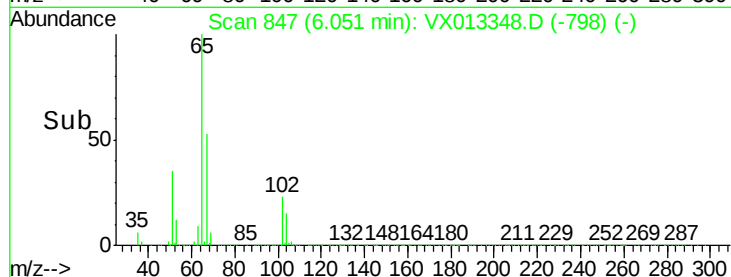
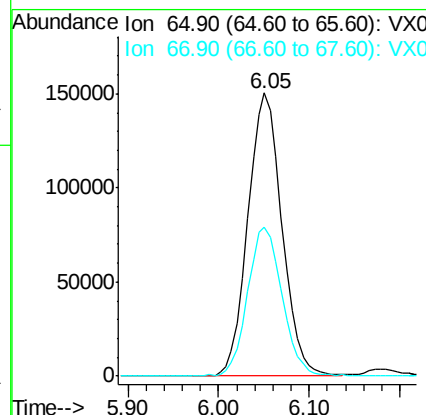
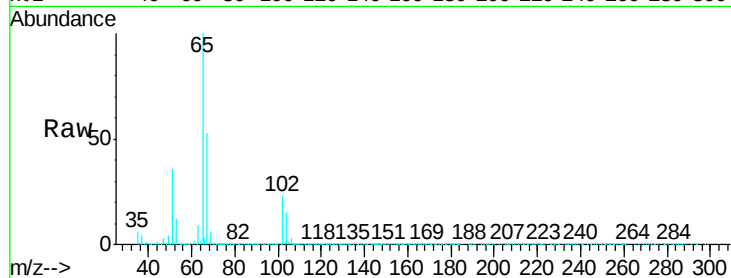




#33
 1,2-Dichloroethane-d4
 Concen: 44.880 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

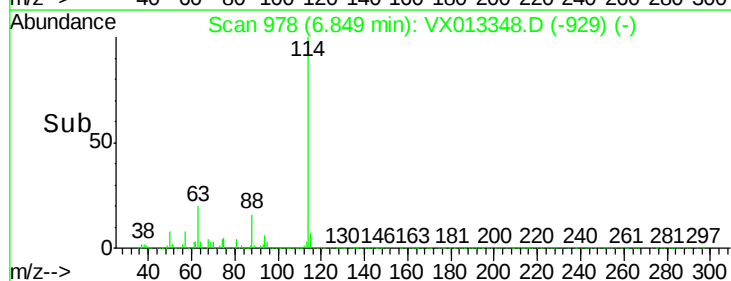
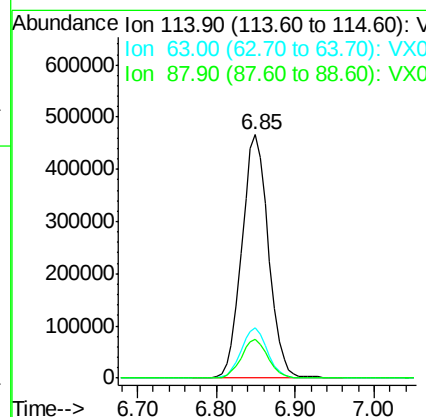
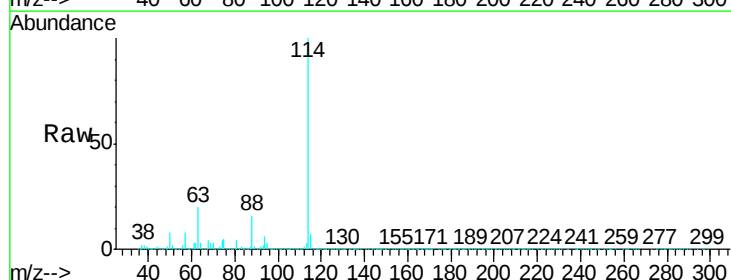
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

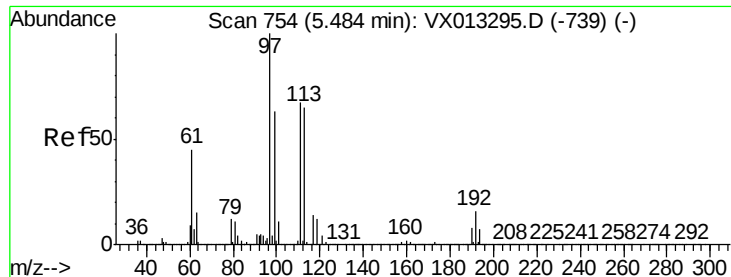
Tgt Ion: 65 Resp: 389613
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion: 114 Resp: 1095531
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.4
 88 16.1 0.0 32.2

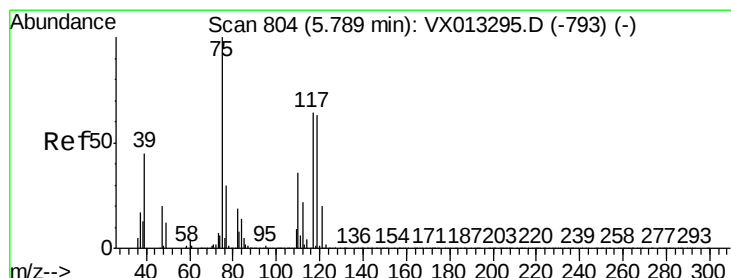
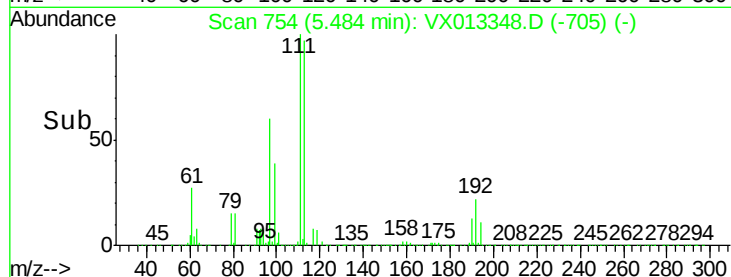
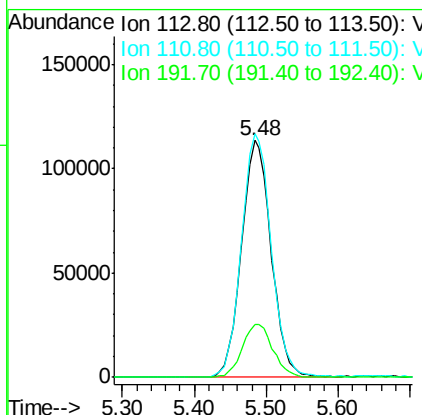
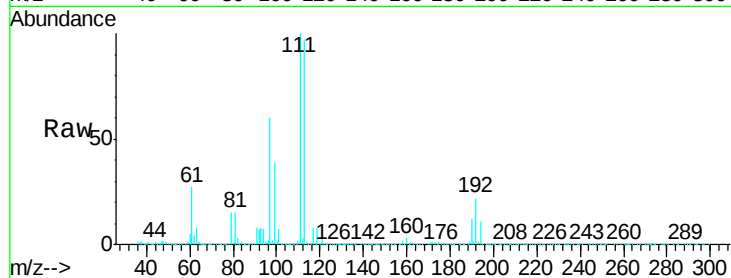




#35
Dibromofluoromethane
Concen: 47.171 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

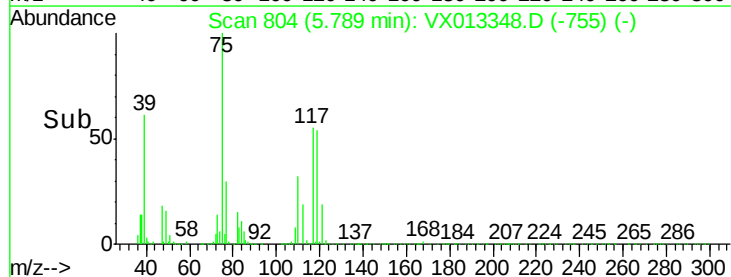
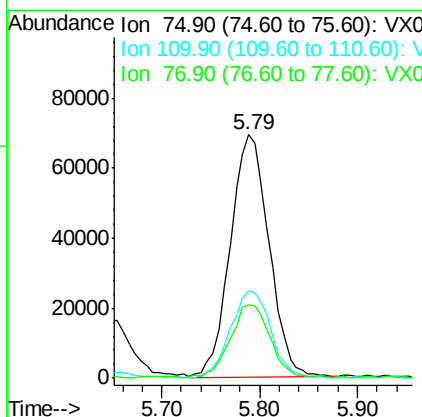
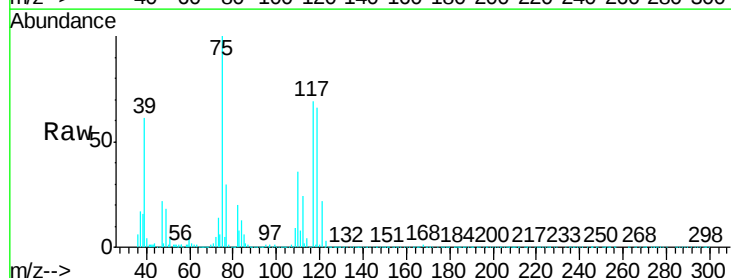
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

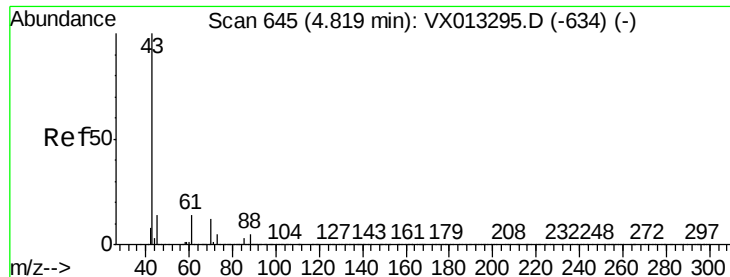
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	23.3	19.1	28.7



#36
1,1-Dichloropropene
Concen: 20.228 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.1	54.1
77	30.4	25.0	37.4

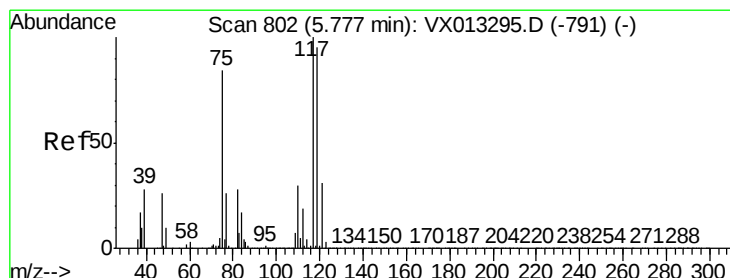
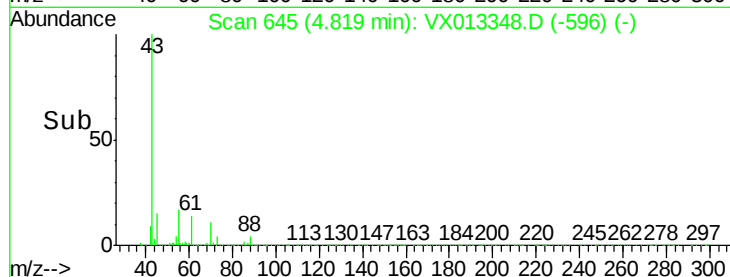
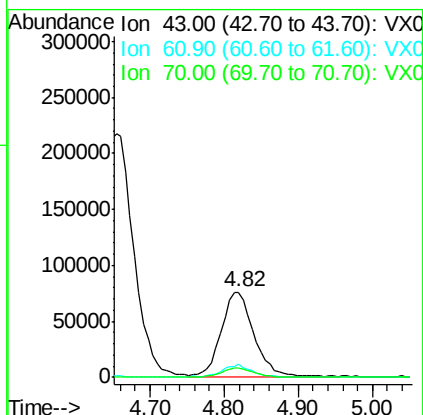
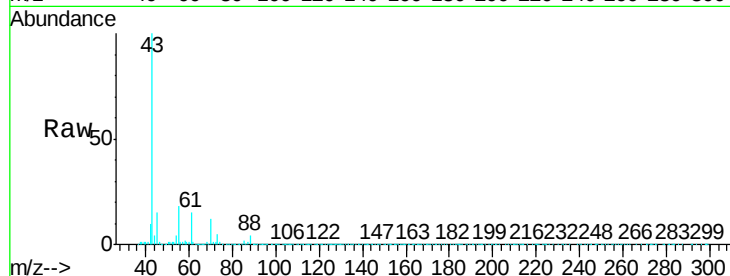




#37
Ethyl Acetate
Concen: 20.039 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

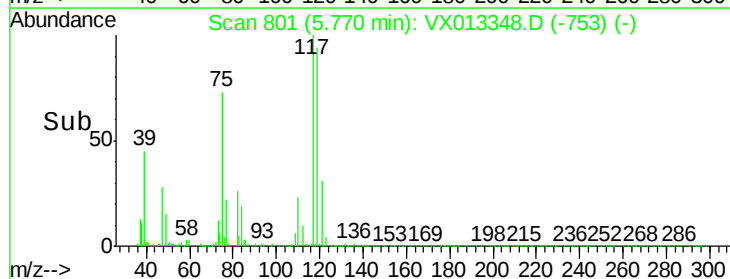
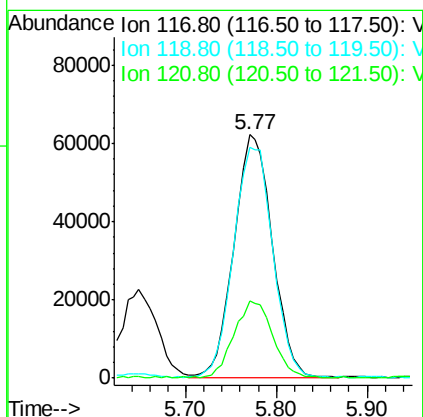
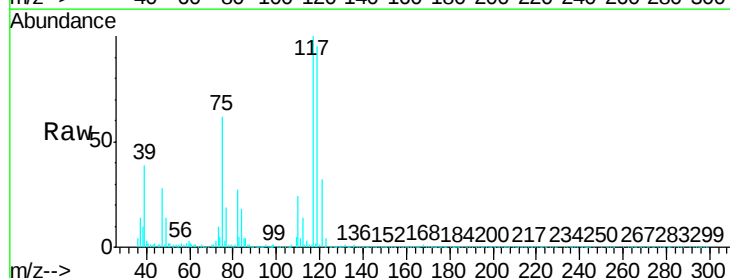
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

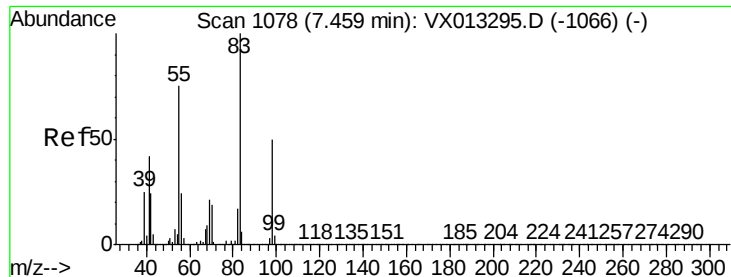
Tgt Ion: 43 Resp: 232711
Ion Ratio Lower Upper
43 100
61 12.7 10.7 16.1
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.854 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 117 Resp: 182468
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 31.4 24.6 37.0

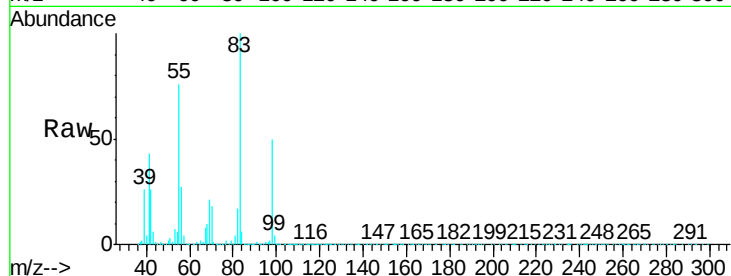




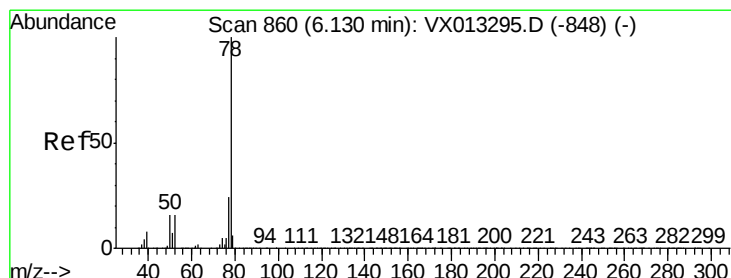
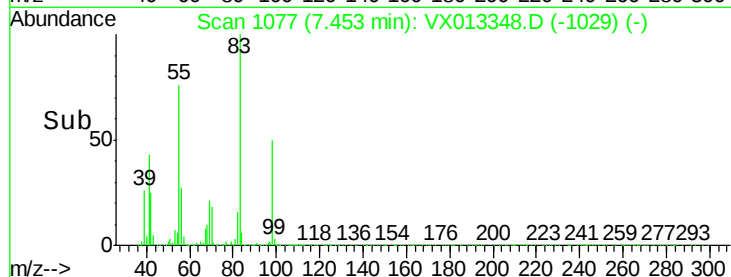
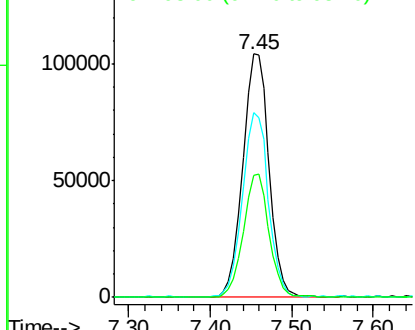
#39
Methylcyclohexane
Concen: 19.825 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.3	90.5
98	50.0	40.3	60.5

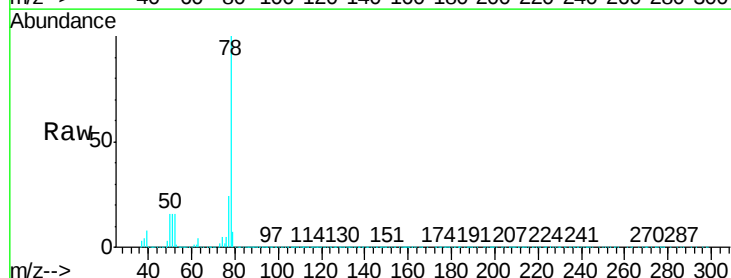


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

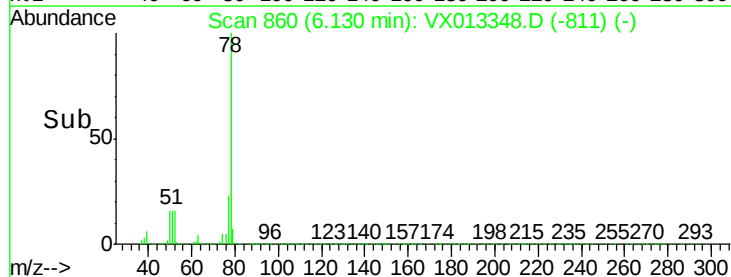
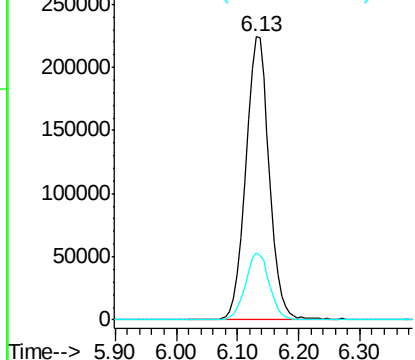


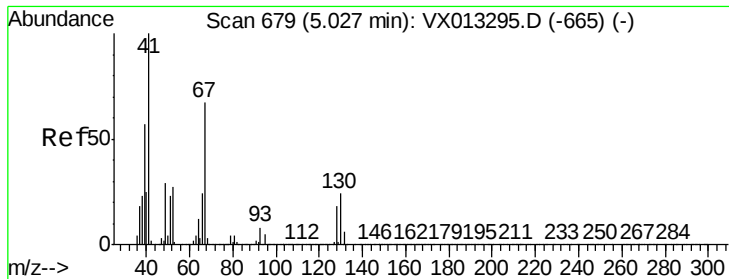
#40
Benzene
Concen: 20.358 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3



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

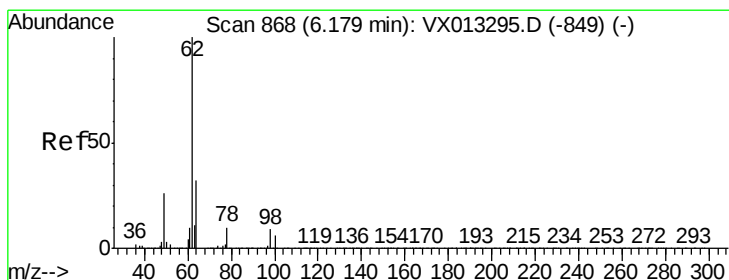
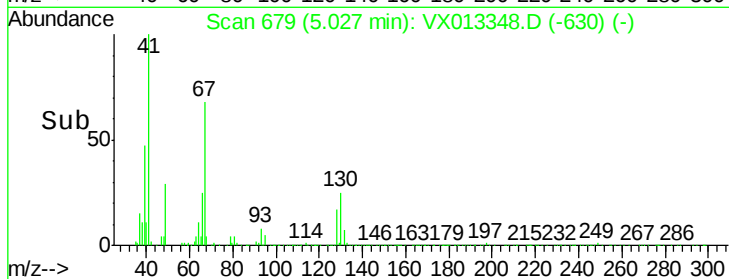
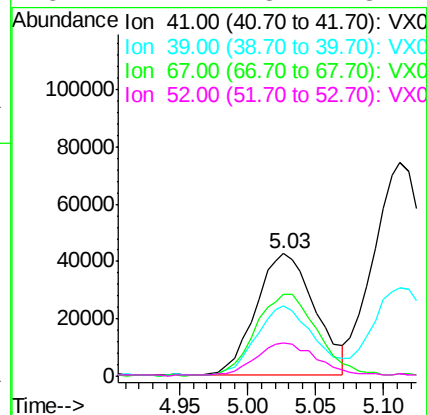
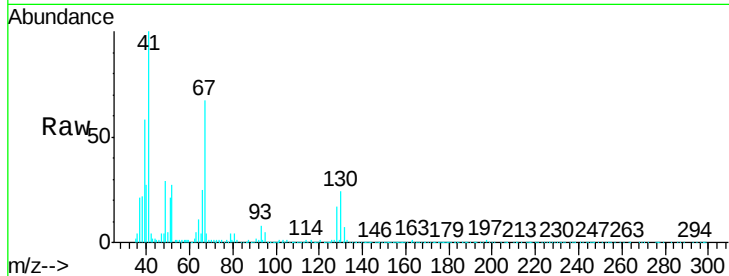




#41
Methacrylonitrile
Concen: 19.679 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

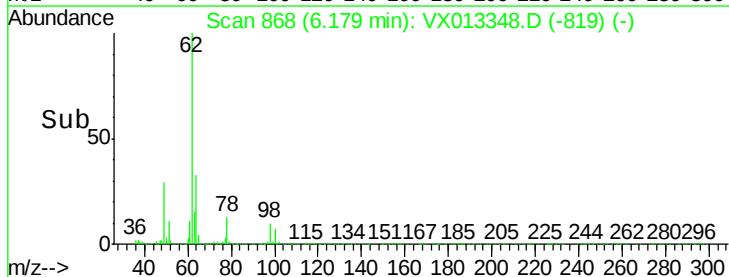
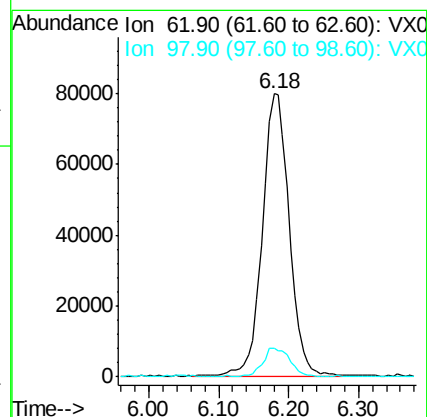
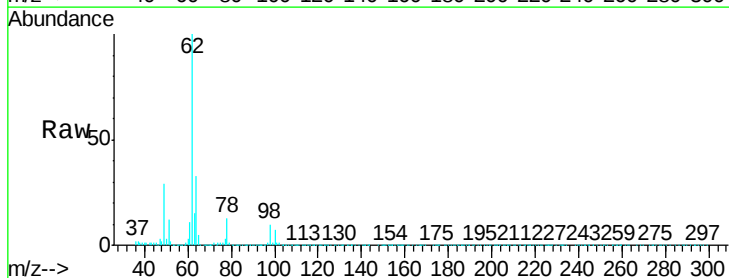
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

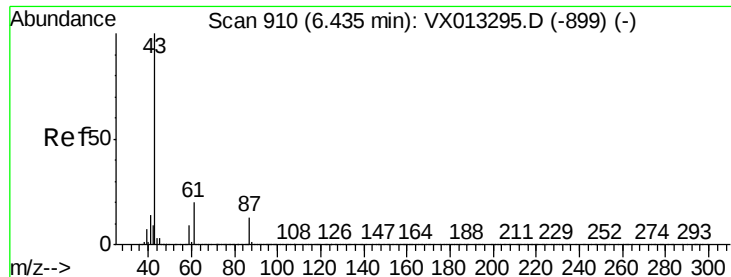
Tgt Ion:	41	Resp:	128096
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	70.2	55.4	83.2
52	27.7	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.473 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion:	62	Resp:	216191
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.012 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

VX1107WBSD01

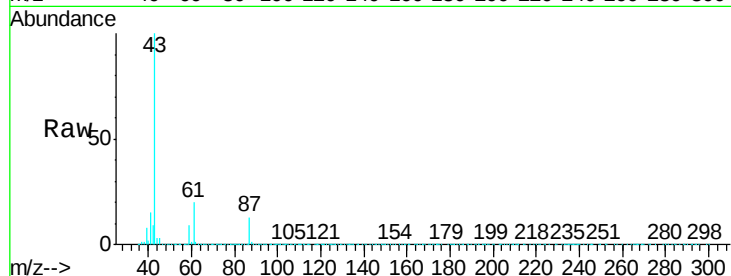
Tgt Ion: 43 Resp: 361889

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

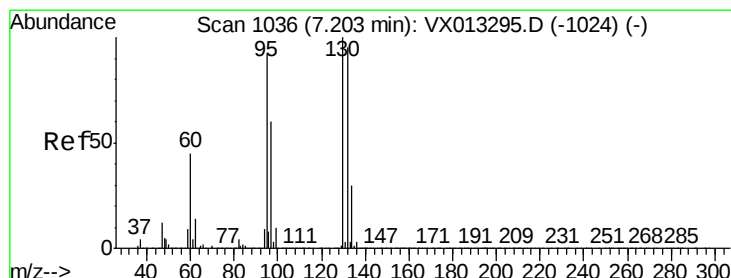
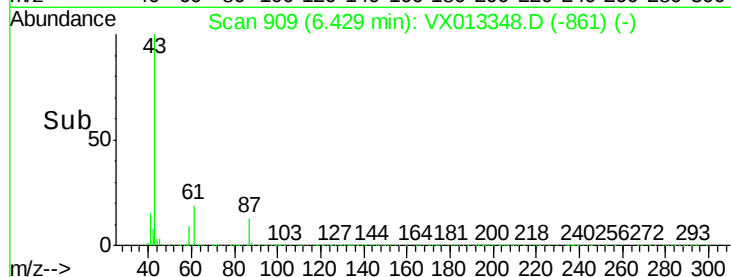
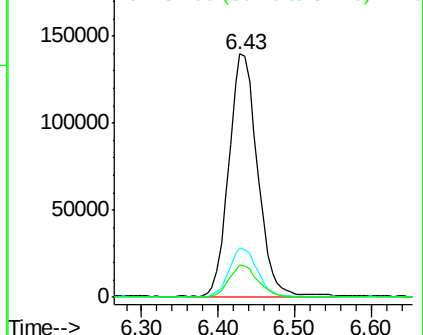
87 13.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.470 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013348.D

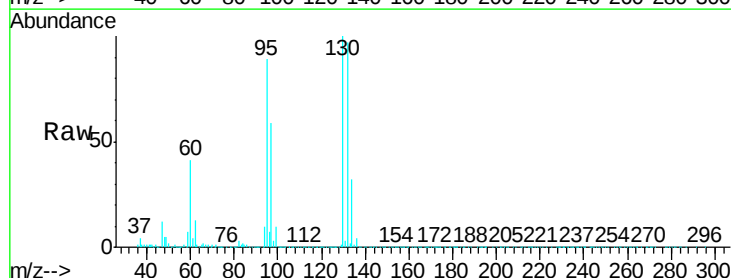
Acq: 07 Nov 2019 13:14

Tgt Ion: 130 Resp: 156899

Ion Ratio Lower Upper

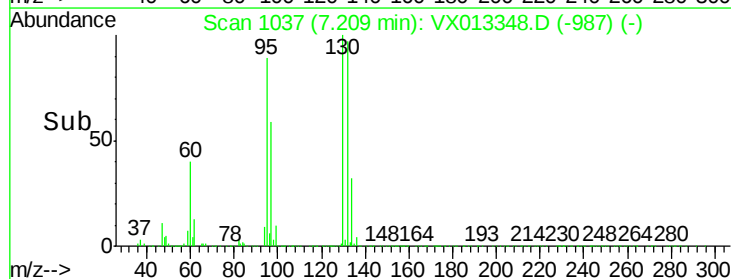
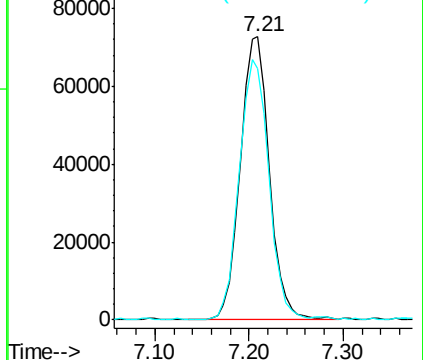
130 100

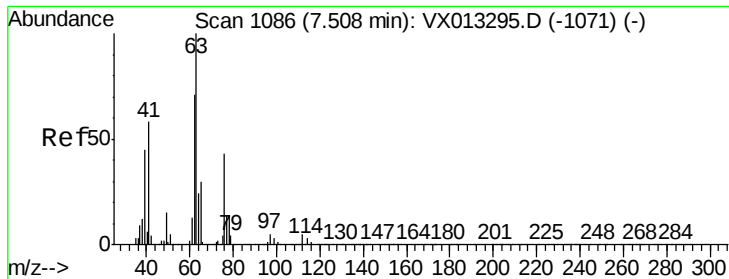
95 88.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.783 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

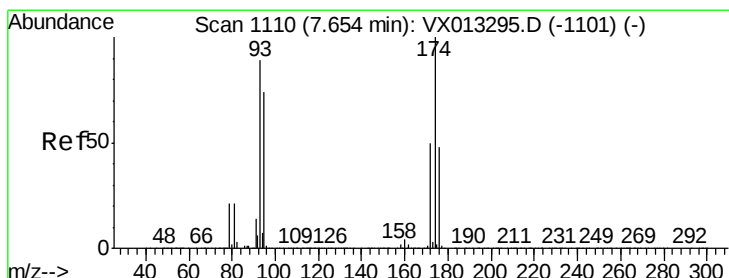
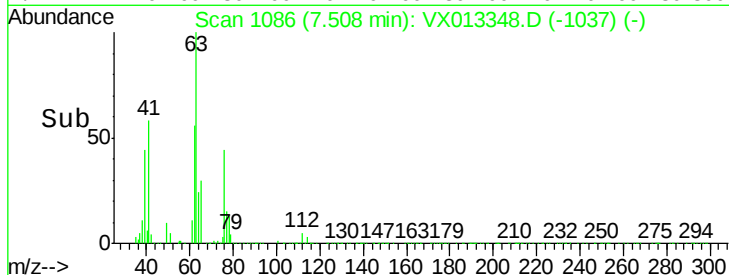
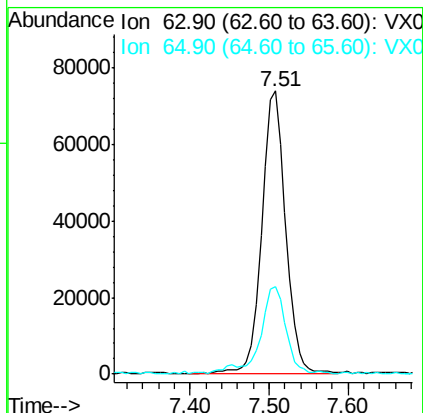
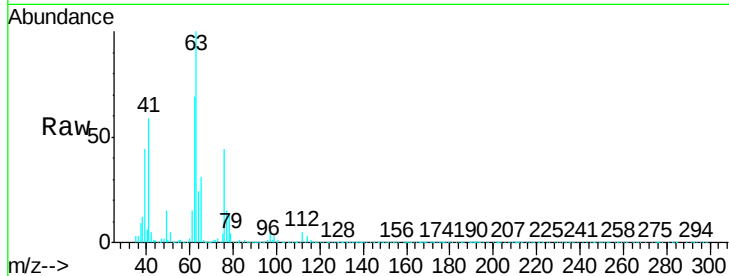
VX1107WBSD01

Tgt Ion: 63 Resp: 155026

Ion Ratio Lower Upper

63 100

65 30.8 24.3 36.5



#46

Dibromomethane

Concen: 19.534 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

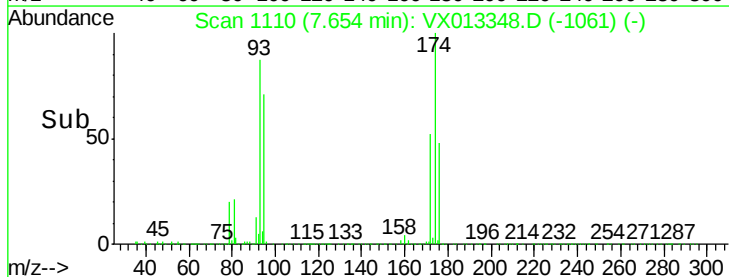
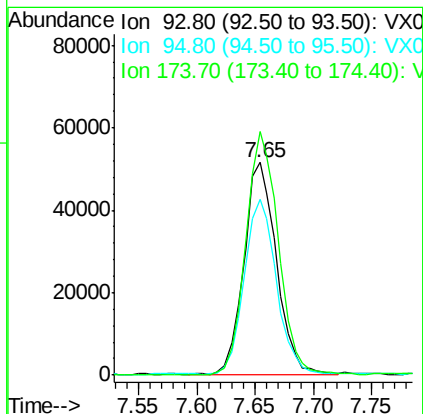
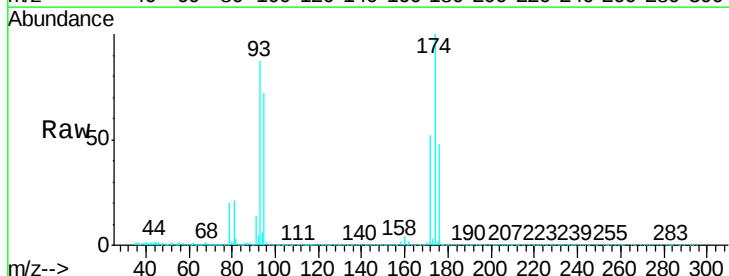
Tgt Ion: 93 Resp: 99484

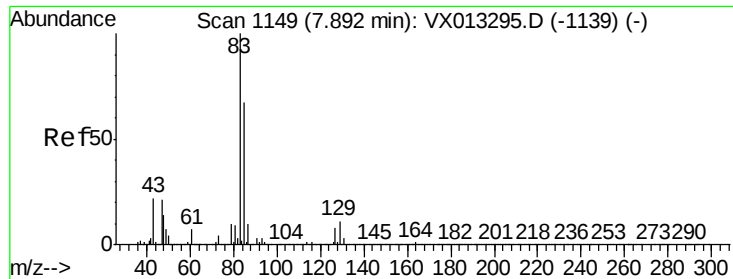
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 116.2 90.4 135.6





#47

Bromodichloromethane

Concen: 20.482 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

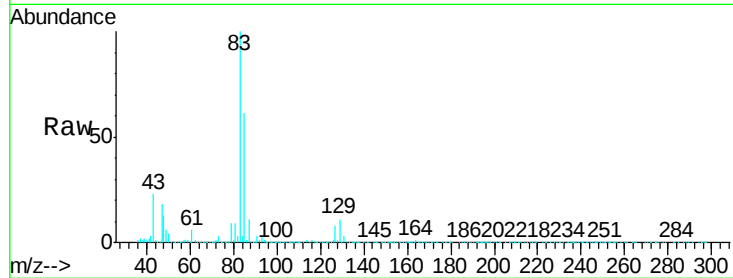
Tgt Ion: 83 Resp: 196702

Ion Ratio Lower Upper

83 100

85 60.3 53.7 80.5

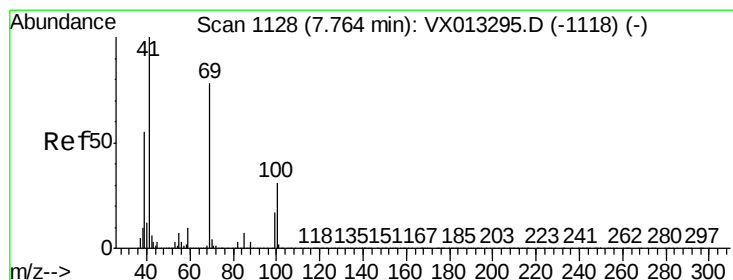
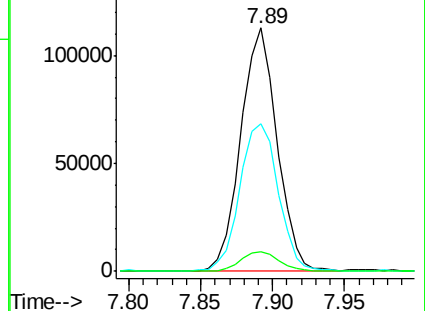
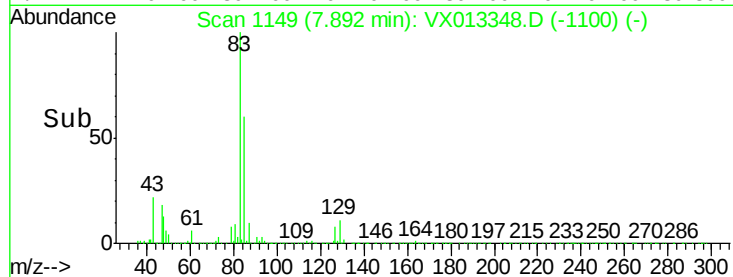
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.096 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

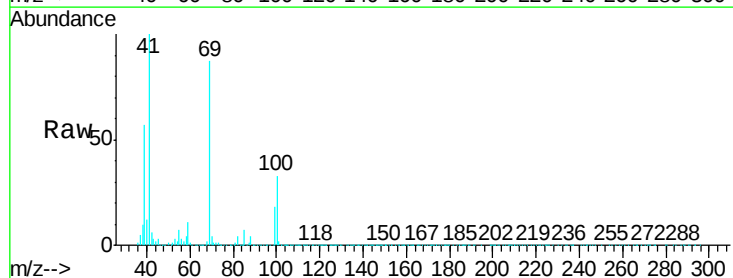
Tgt Ion: 41 Resp: 181409

Ion Ratio Lower Upper

41 100

69 82.6 63.0 94.6

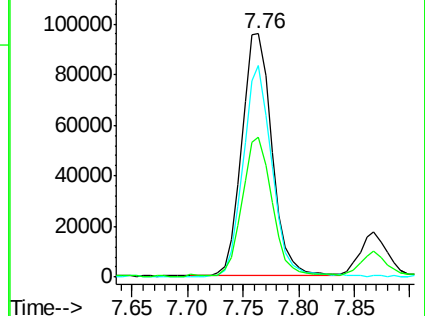
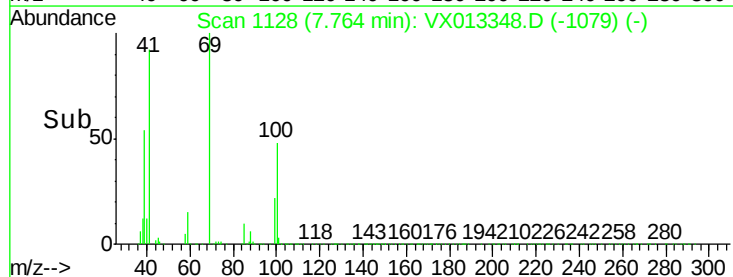
39 56.2 45.9 68.9

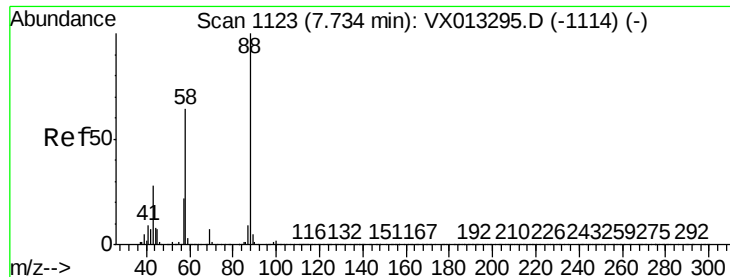


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 387.683 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

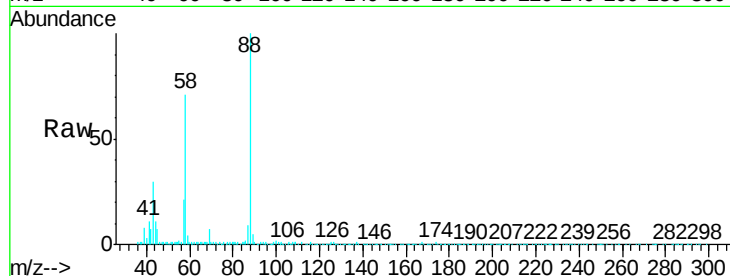
Tgt Ion: 88 Resp: 80145

Ion Ratio Lower Upper

88 100

43 33.8 26.6 39.8

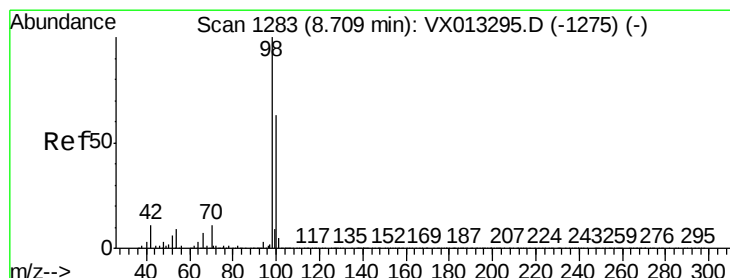
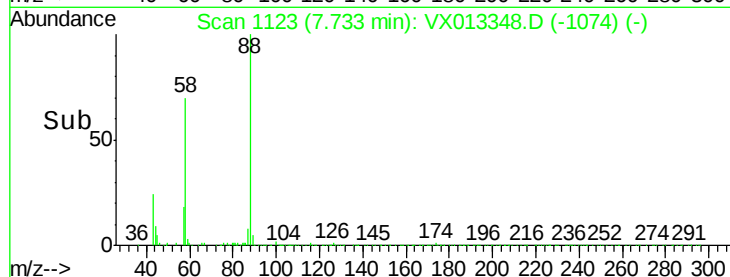
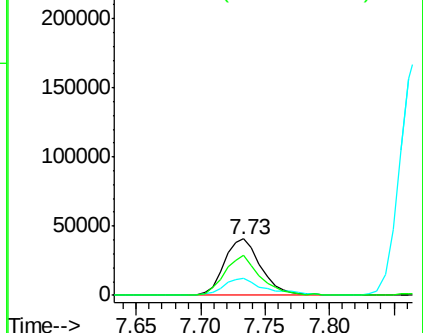
58 68.3 55.0 82.6



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: 47.724 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013348.D

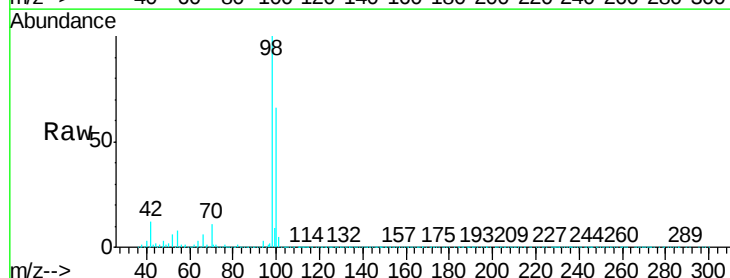
Acq: 07 Nov 2019 13:14

Tgt Ion: 98 Resp: 1236238

Ion Ratio Lower Upper

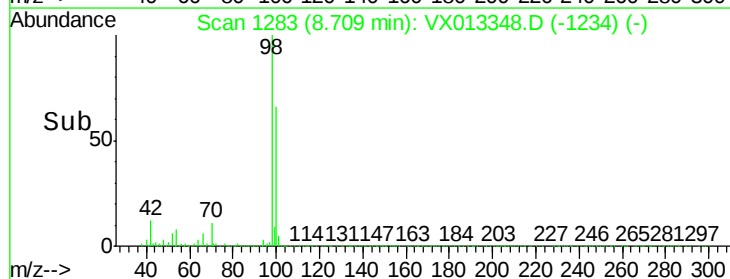
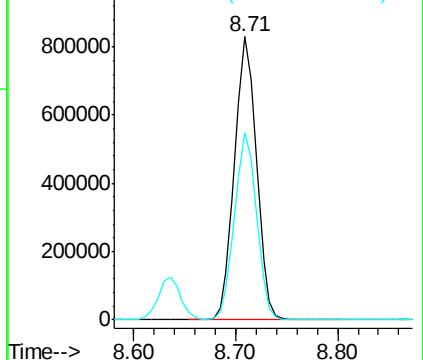
98 100

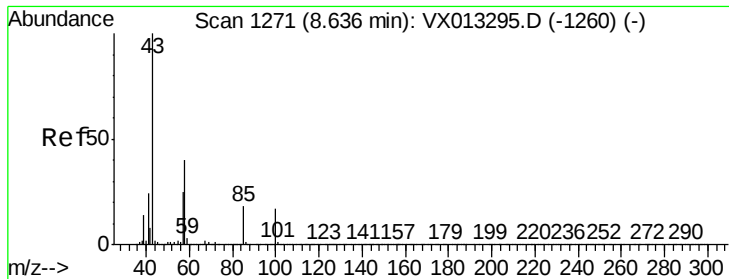
100 66.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

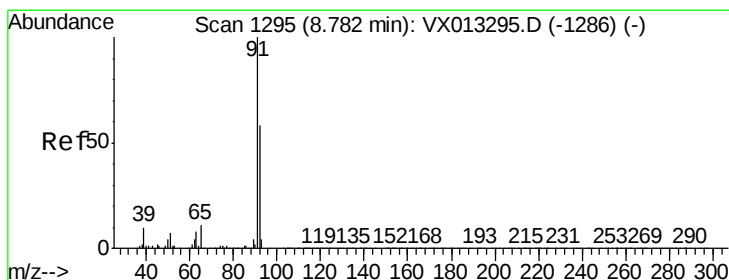
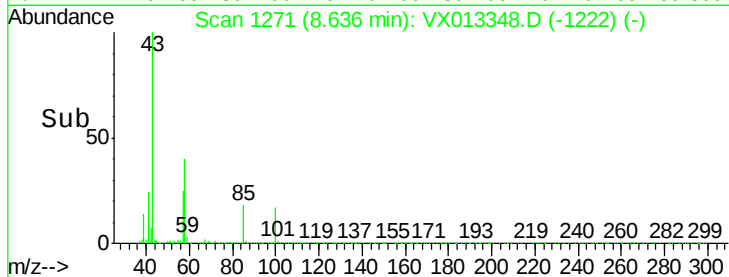
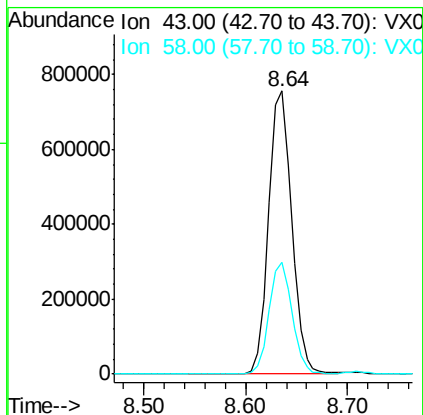
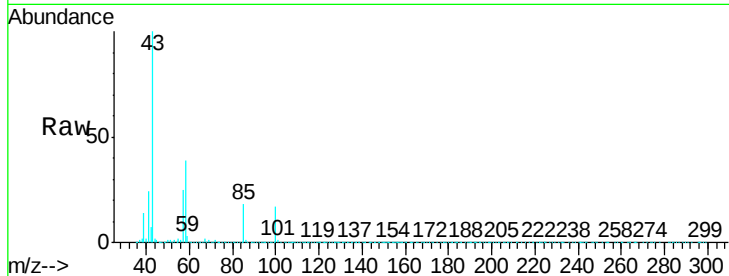




#51
 4-Methyl-2-Pentanone
 Concen: 99.997 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

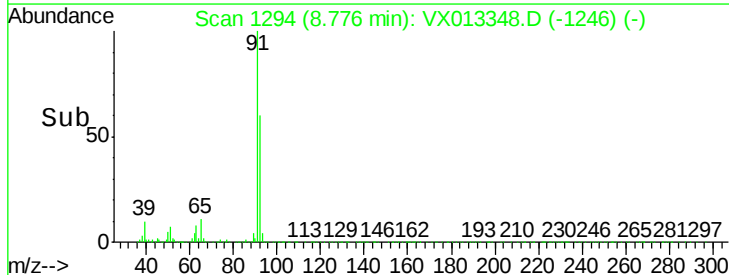
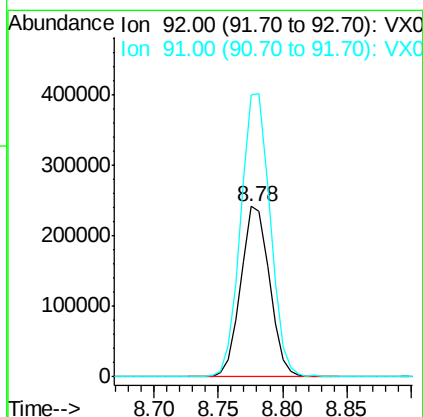
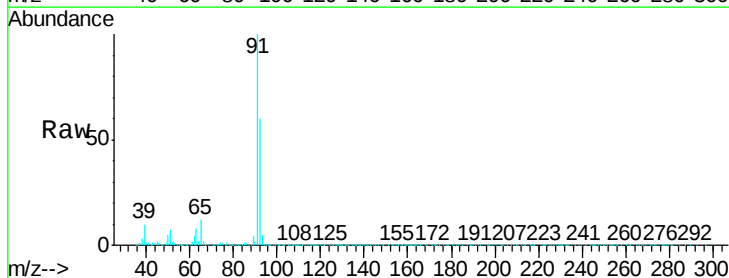
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

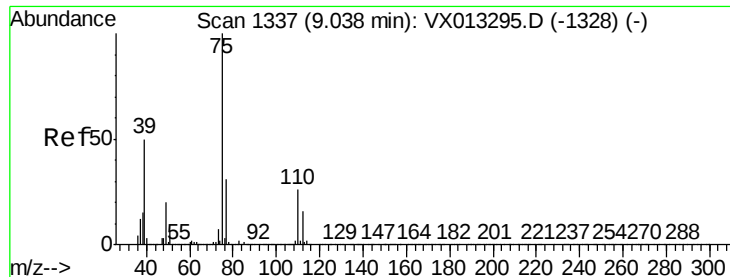
Tgt Ion: 43 Resp: 1186412
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.4 47.0



#52
 Toluene
 Concen: 20.559 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion: 92 Resp: 373039
 Ion Ratio Lower Upper
 92 100
 91 170.8 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 20.007 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

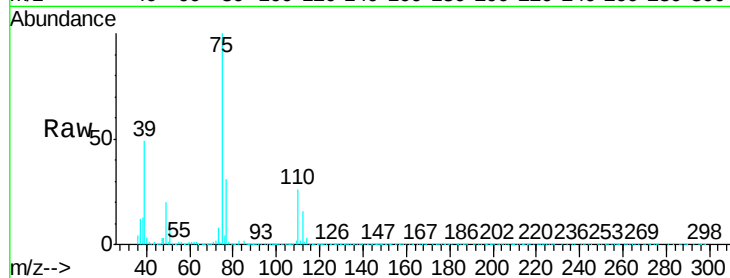
VX1107WBSD01

Tgt Ion: 75 Resp: 210106

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

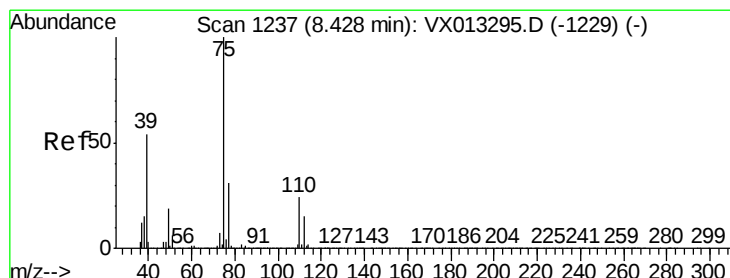
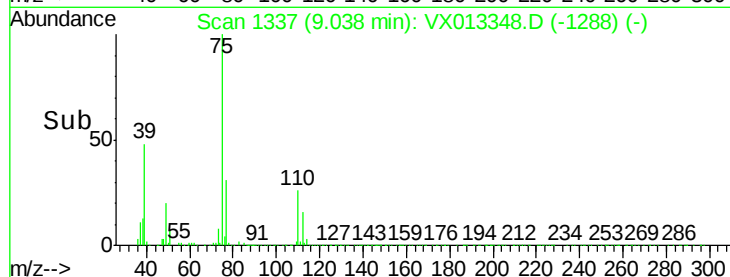
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.585 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

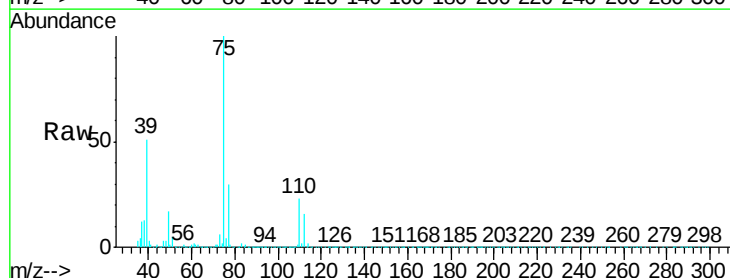
Tgt Ion: 75 Resp: 241820

Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 50.4 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

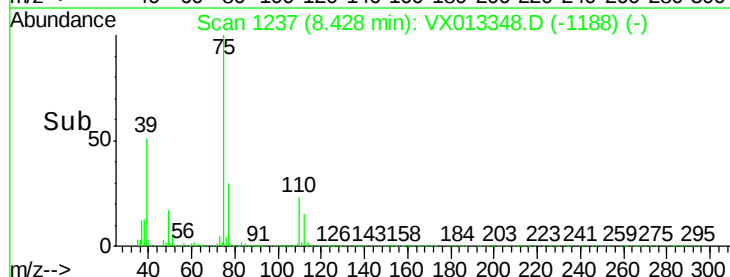
150000

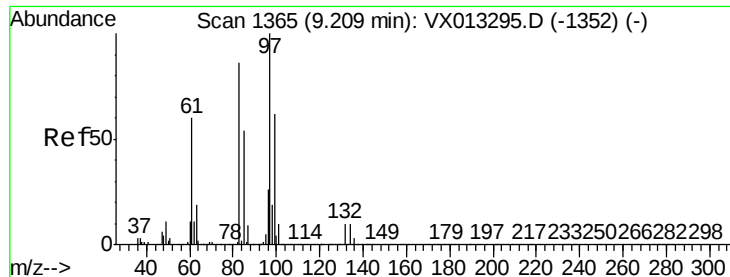
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.861 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 97 Resp: 156891

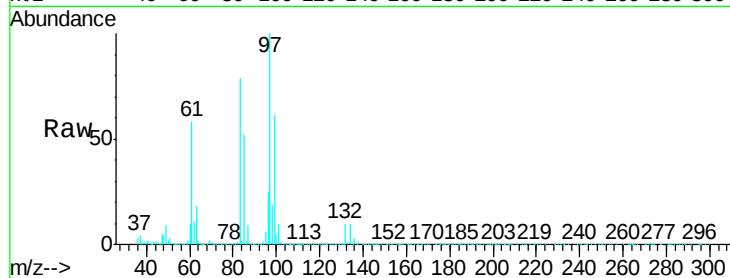
Ion Ratio Lower Upper

97 100

83 79.0 68.6 103.0

85 51.4 43.1 64.7

99 60.4 49.4 74.0

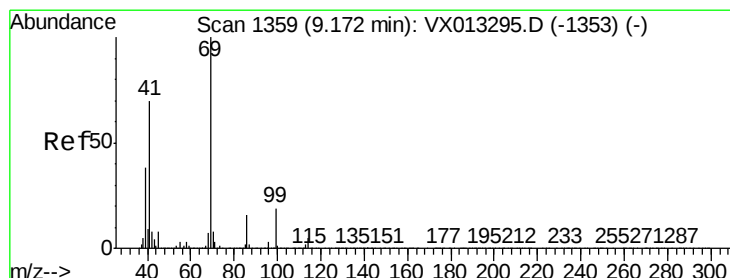
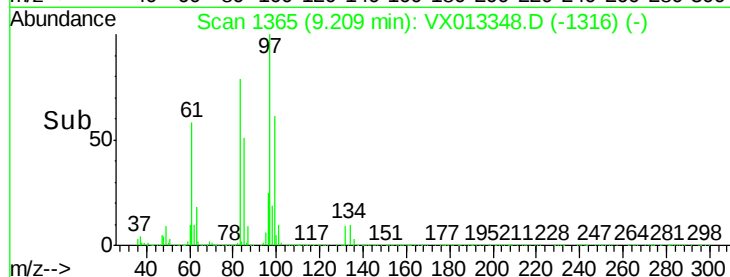
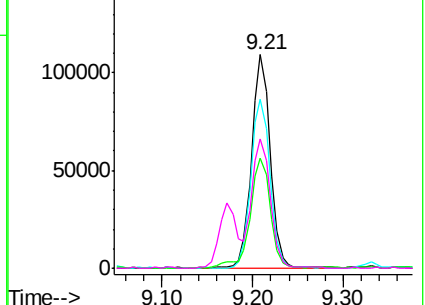


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.700 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

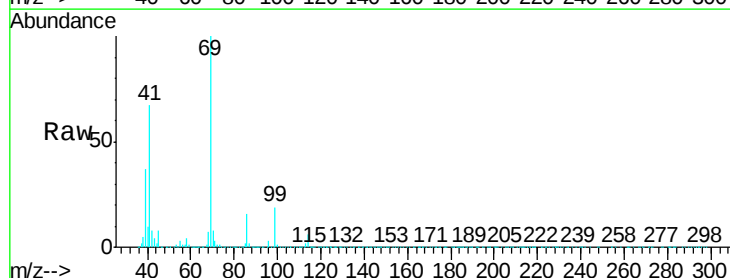
Tgt Ion: 69 Resp: 240387

Ion Ratio Lower Upper

69 100

41 68.3 56.2 84.2

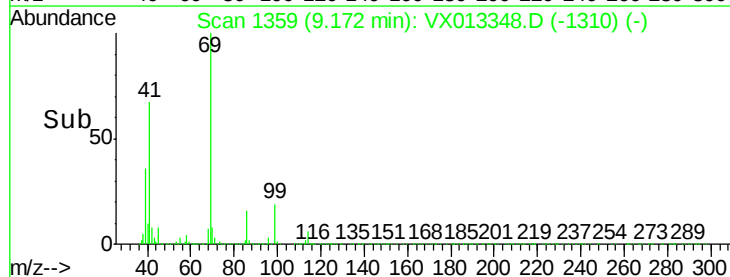
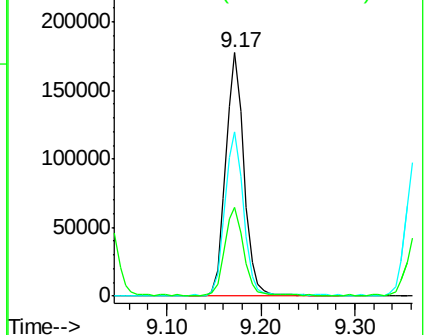
39 37.2 31.1 46.7

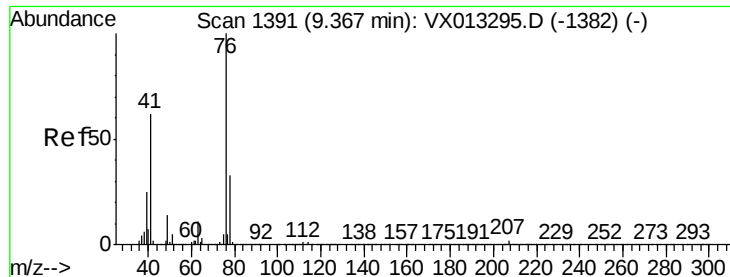


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

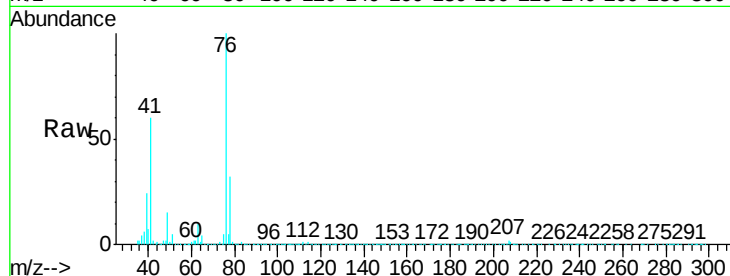
VX1107WBSD01

Tgt Ion: 76 Resp: 256789

Ion Ratio Lower Upper

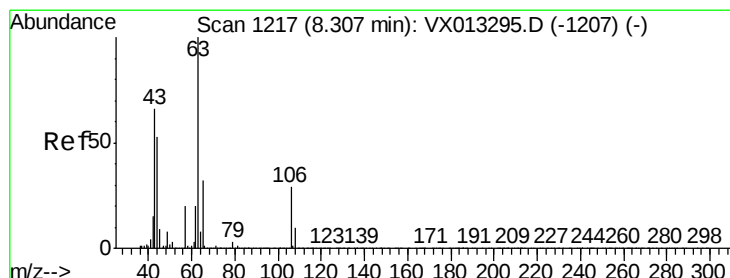
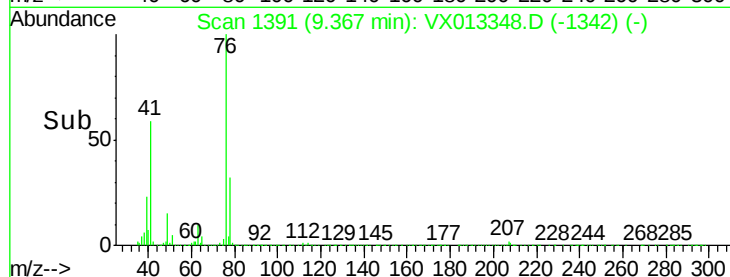
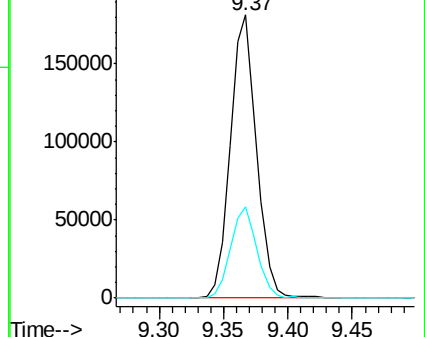
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.523 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013348.D

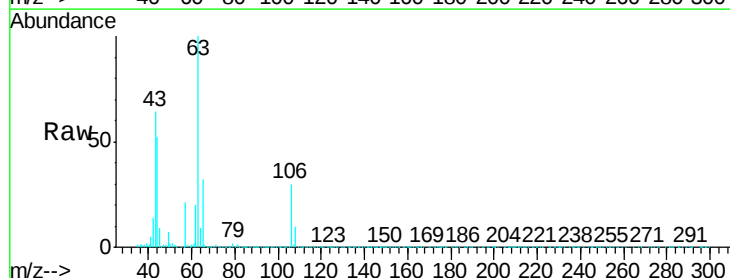
Acq: 07 Nov 2019 13:14

Tgt Ion: 63 Resp: 506641

Ion Ratio Lower Upper

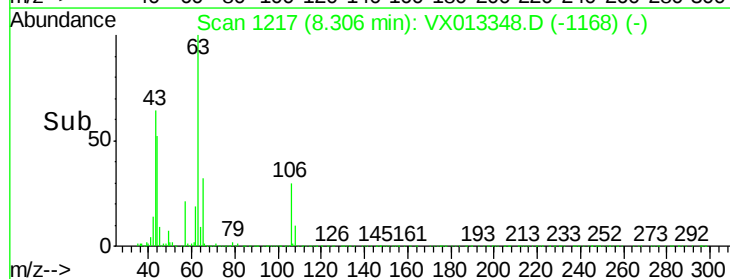
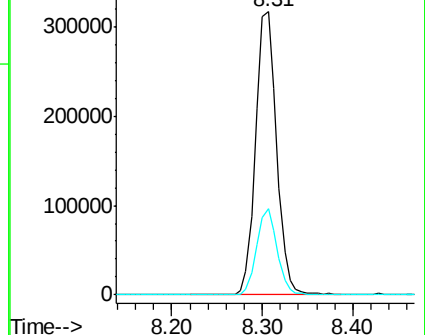
63 100

106 29.5 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

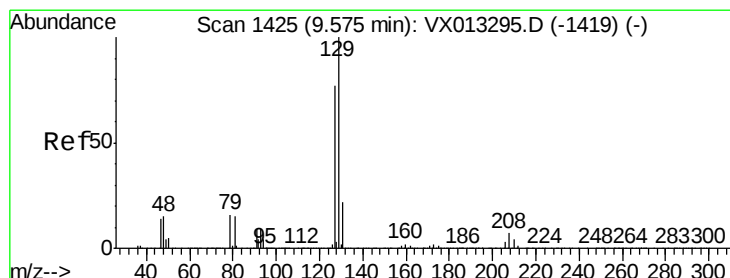
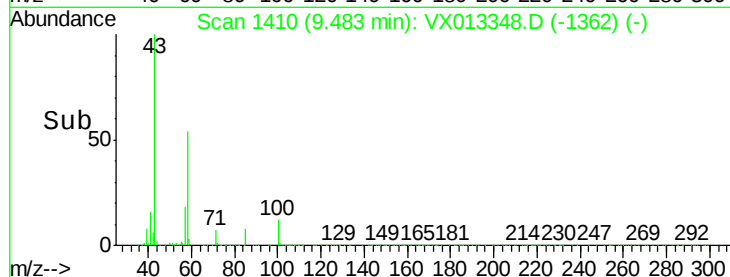
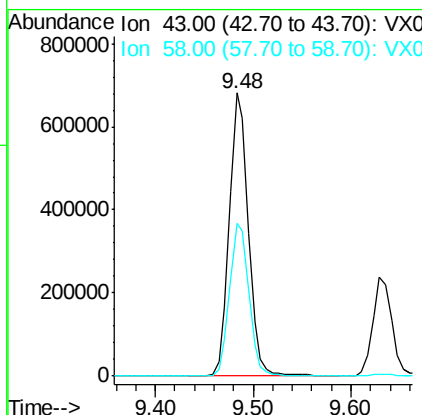
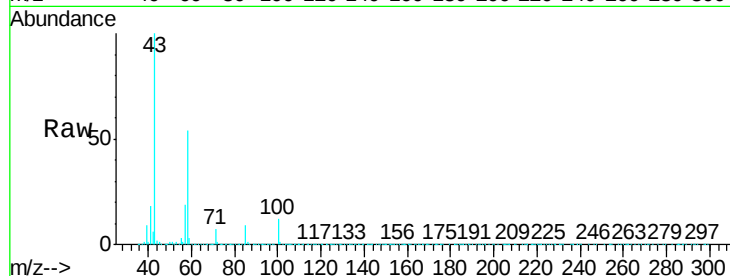




#59
2-Hexanone
Concen: 100.150 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

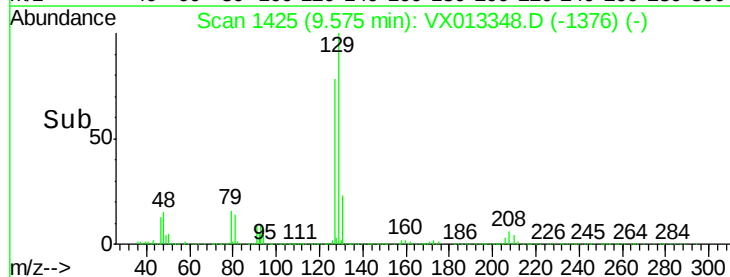
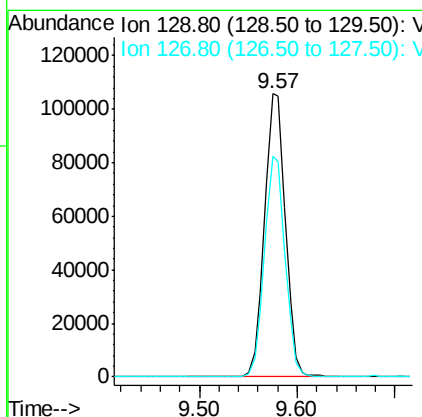
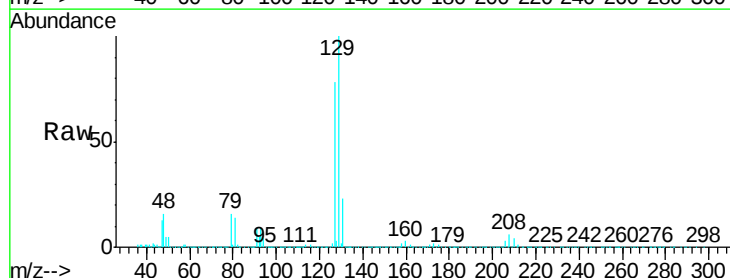
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

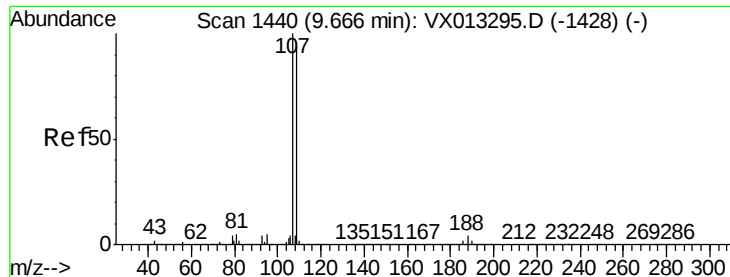
Tgt Ion: 43 Resp: 918237
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#60
Dibromochloromethane
Concen: 20.464 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 129 Resp: 157407
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

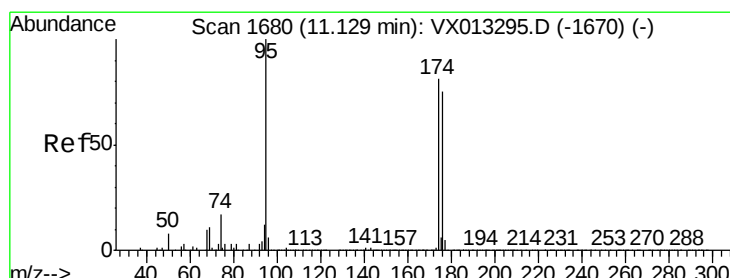
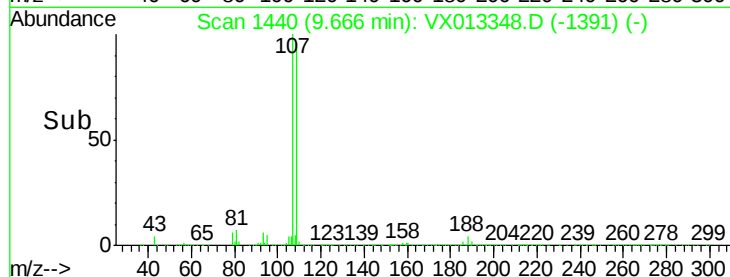
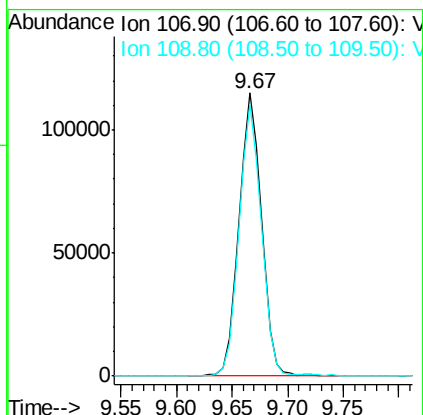
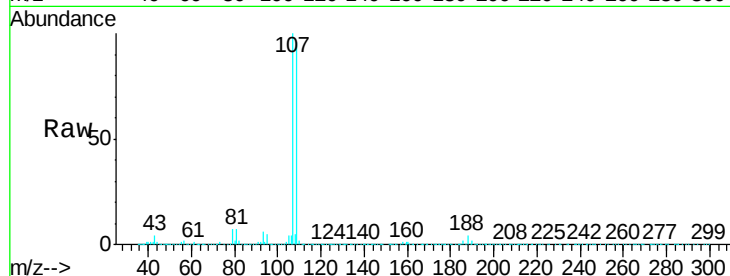




#61
1,2-Dibromoethane
Concen: 20.170 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

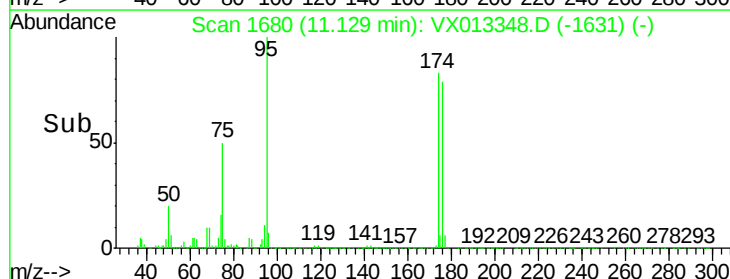
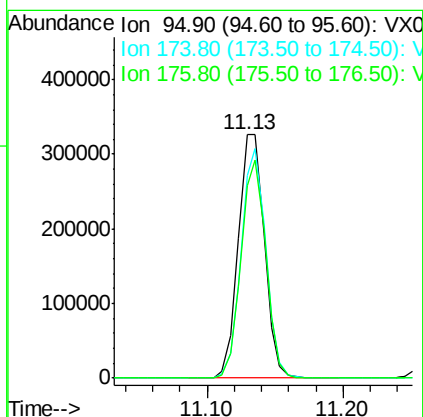
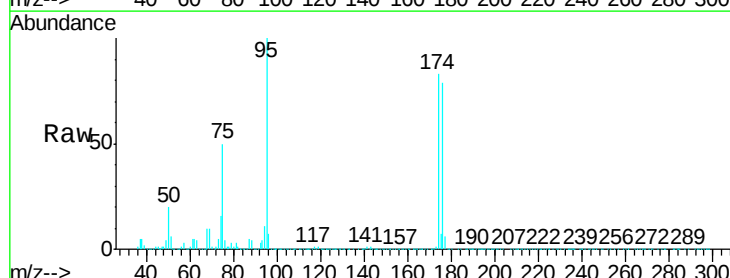
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

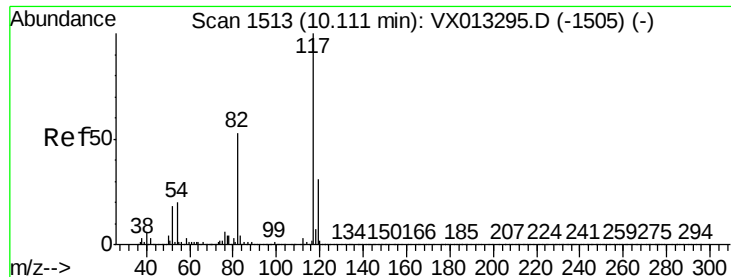
Tgt Ion: 107 Resp: 161081
Ion Ratio Lower Upper
107 100
109 95.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 95 Resp: 435547
Ion Ratio Lower Upper
95 100
174 89.3 0.0 179.8
176 85.6 0.0 173.0

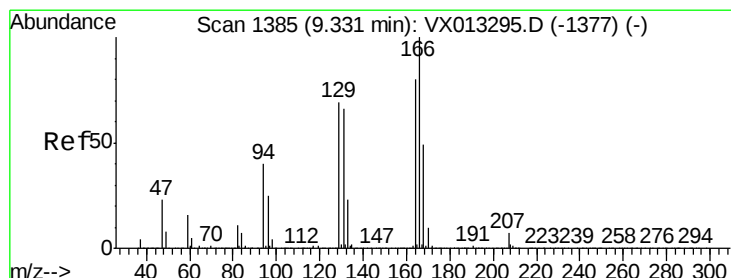
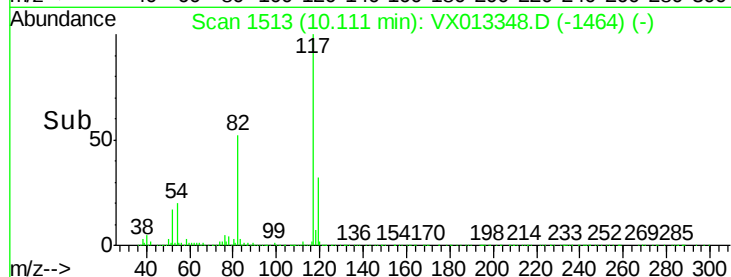
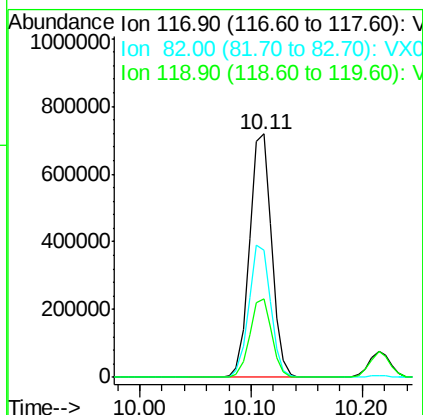
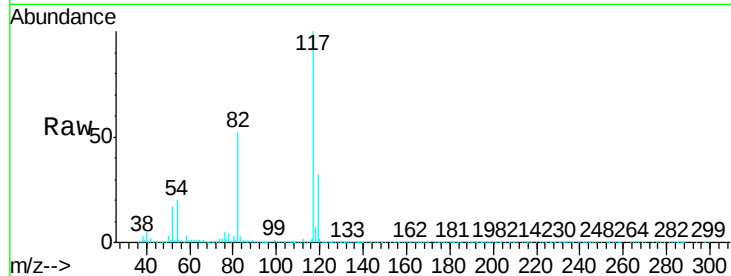




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

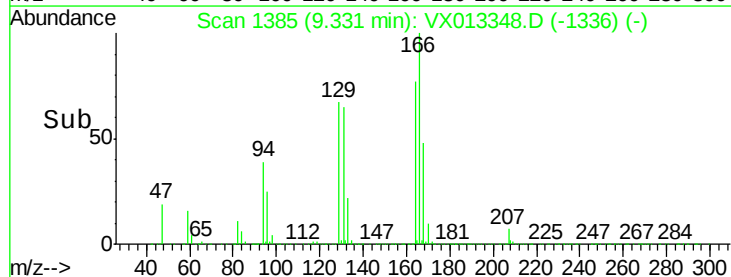
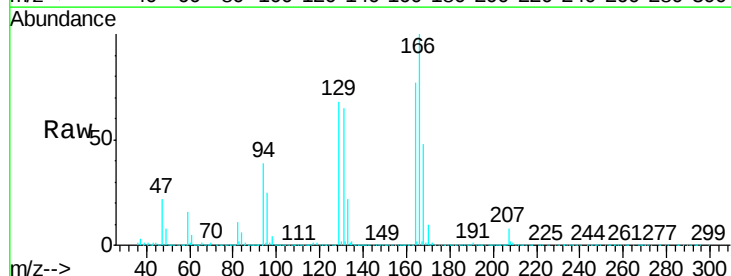
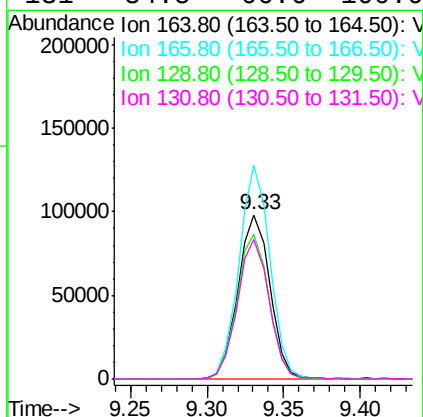
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

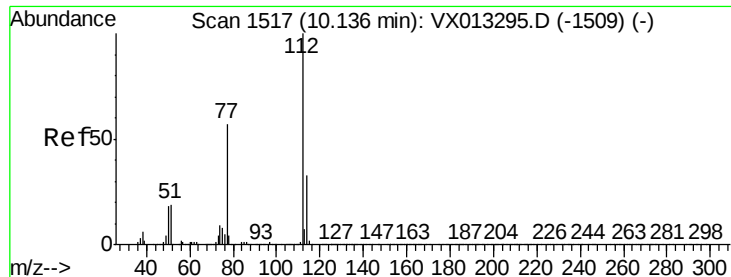
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	64.0
119	32.5	24.8	37.2



#64
Tetrachloroethene
Concen: 20.181 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.4	150.6
129	87.8	69.4	104.2
131	84.5	66.6	100.0





#65

Chlorobenzene

Concen: 20.128 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

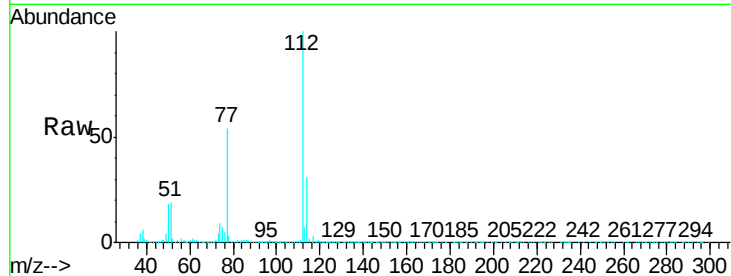
VX1107WBSD01

Tgt Ion:112 Resp: 401961

Ion Ratio Lower Upper

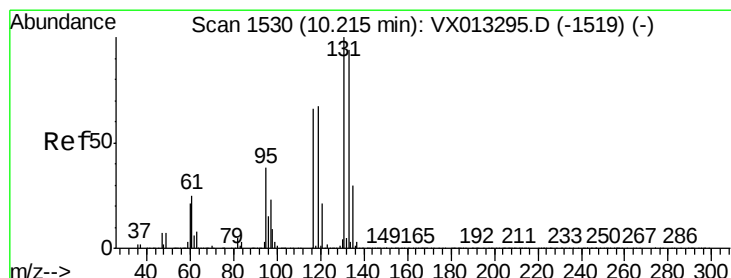
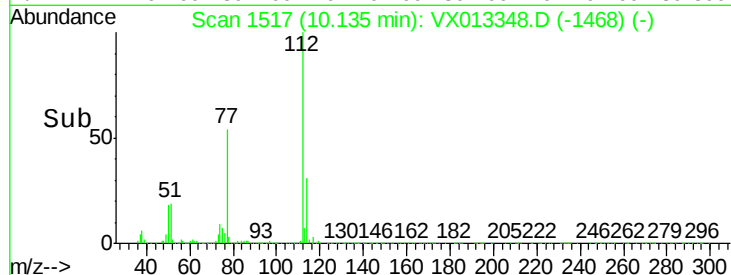
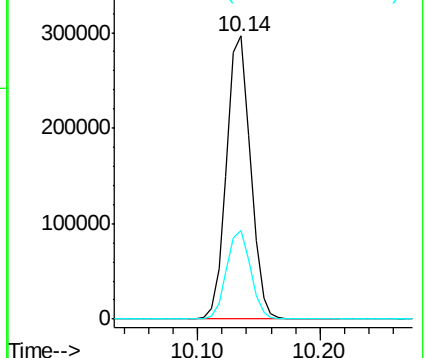
112 100

114 31.3 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.616 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

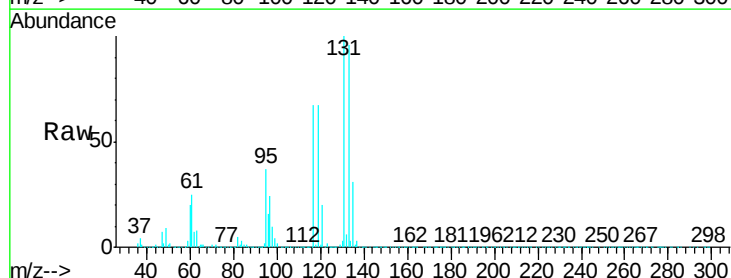
Tgt Ion:131 Resp: 151163

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

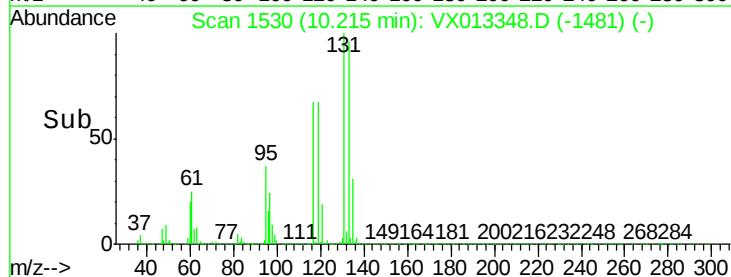
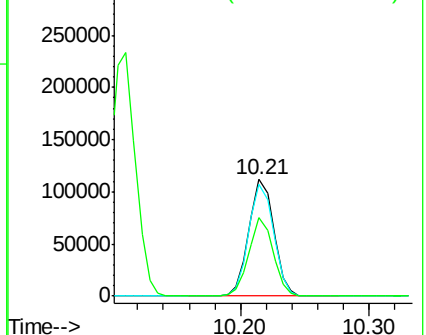
119 63.9 33.0 99.0

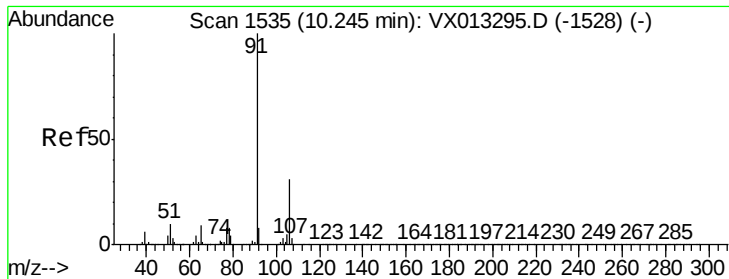


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.205 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

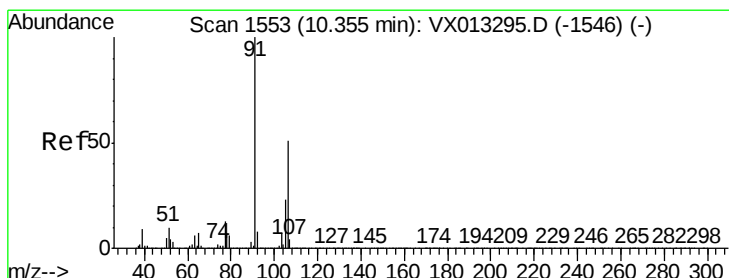
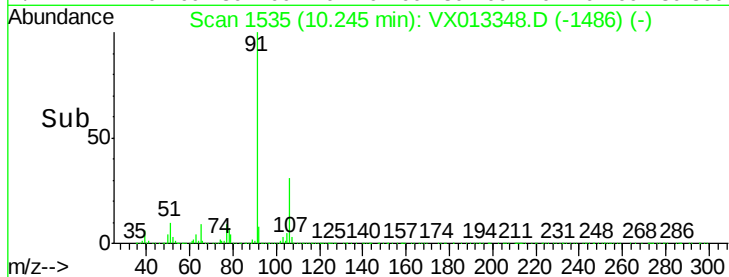
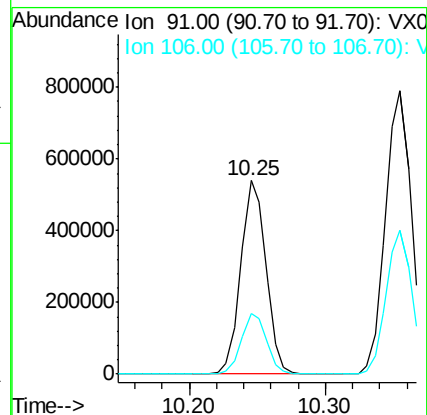
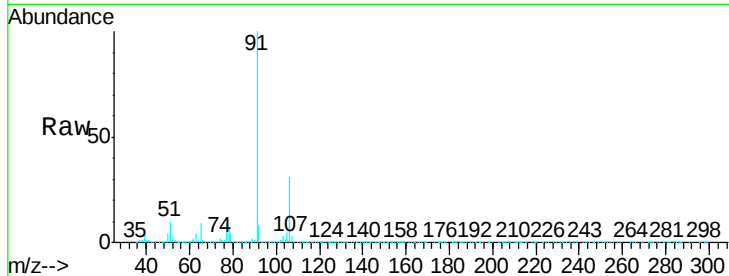
VX1107WBSD01

Tgt Ion: 91 Resp: 696386

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.994 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013348.D

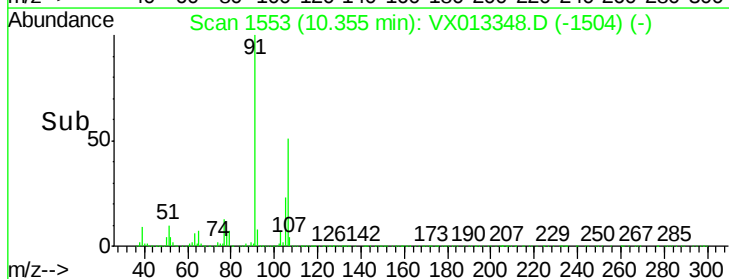
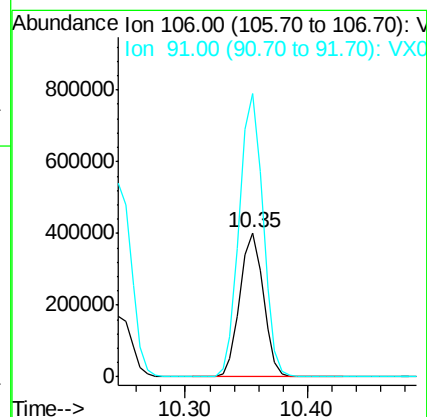
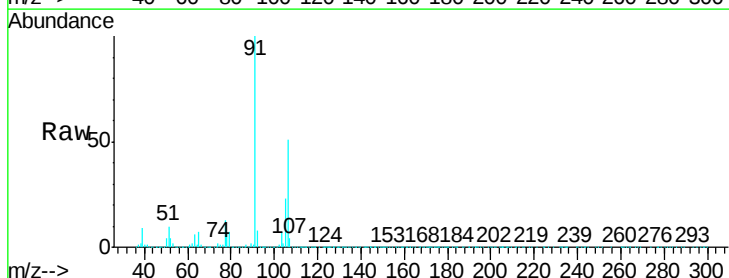
Acq: 07 Nov 2019 13:14

Tgt Ion: 106 Resp: 534343

Ion Ratio Lower Upper

106 100

91 198.1 159.3 238.9

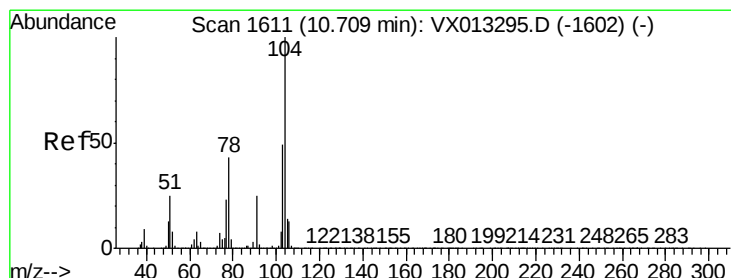
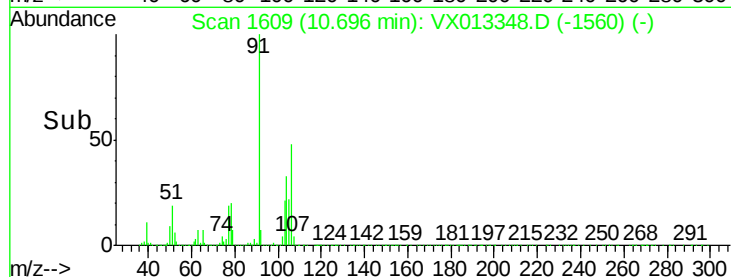
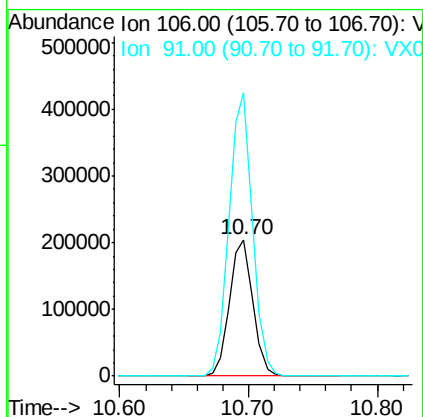
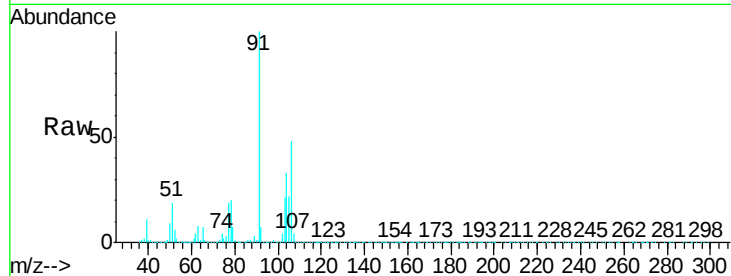




#69
o-Xylene
Concen: 20.381 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

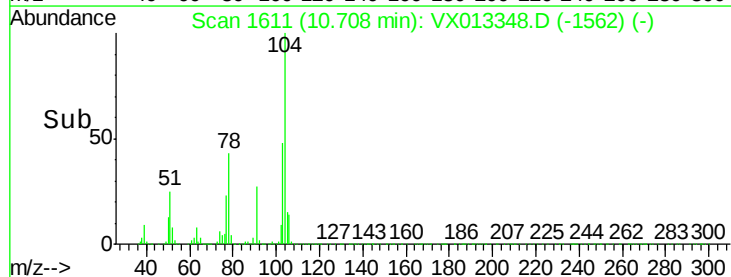
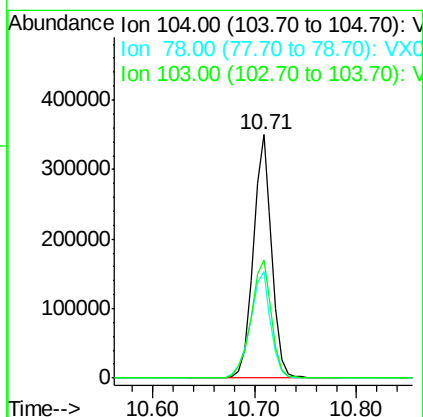
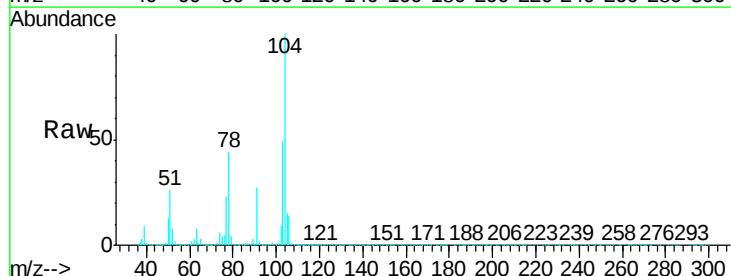
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

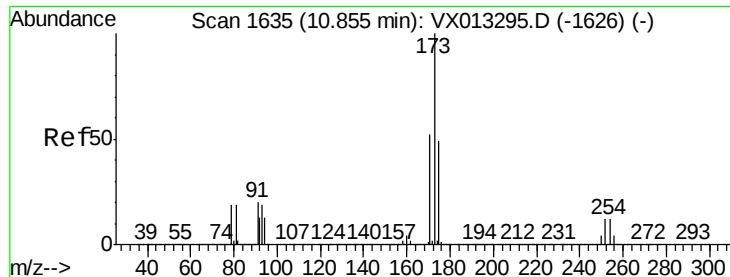
Tgt Ion:106 Resp: 260092
Ion Ratio Lower Upper
106 100
91 208.7 105.7 317.0



#70
Styrene
Concen: 20.584 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion:104 Resp: 439096
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.1 44.1 66.1

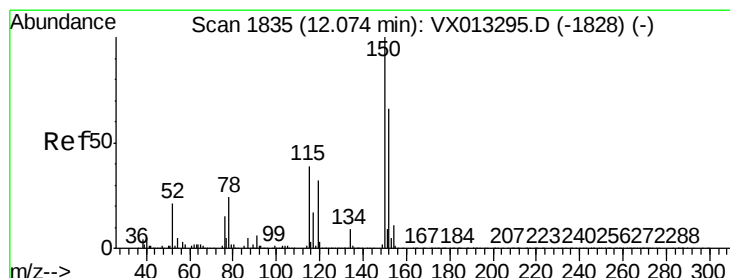
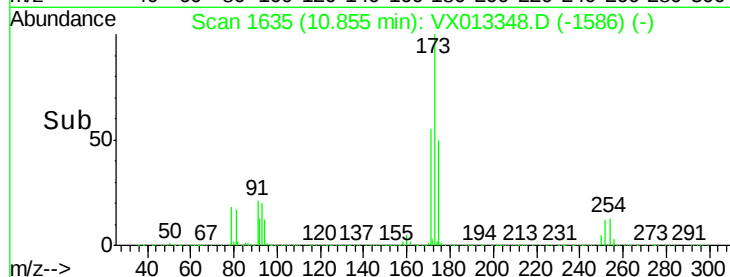
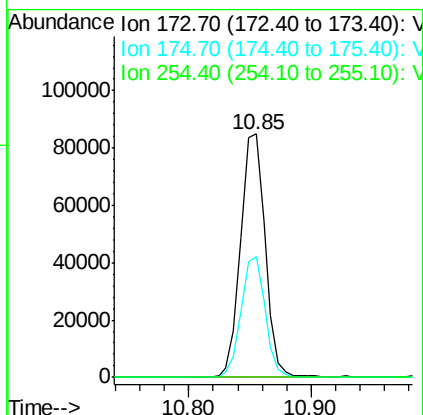
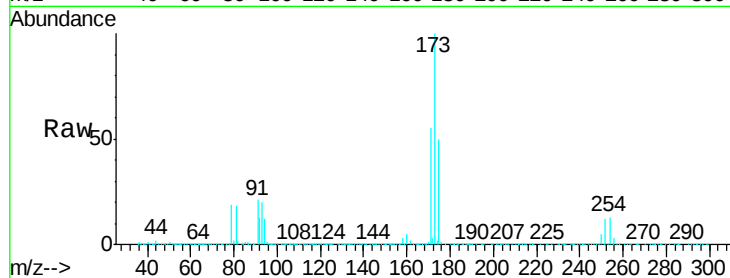




#71
Bromoform
Concen: 19.464 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

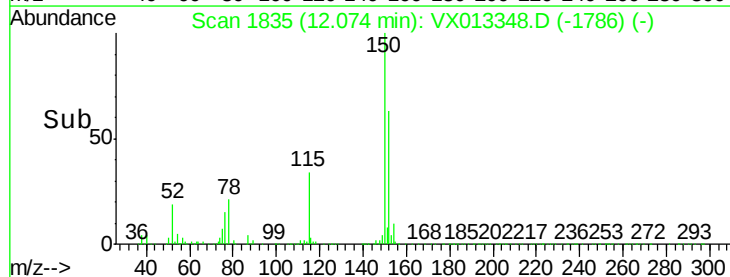
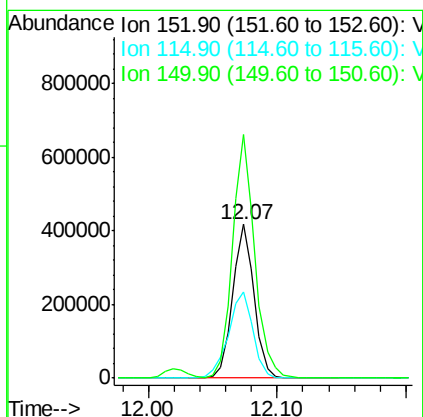
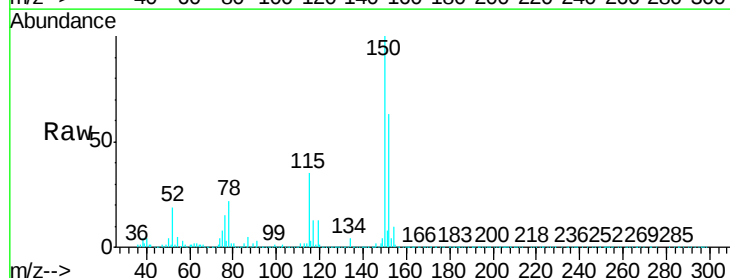
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

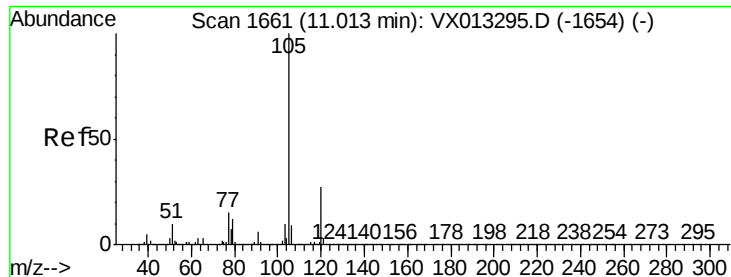
Tgt Ion:173 Resp: 118122
Ion Ratio Lower Upper
173 100
175 48.3 24.8 74.4
254 0.4 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion:152 Resp: 483466
Ion Ratio Lower Upper
152 100
115 64.4 39.5 118.3
150 163.8 0.0 344.4





#73

Isopropylbenzene

Concen: 21.364 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

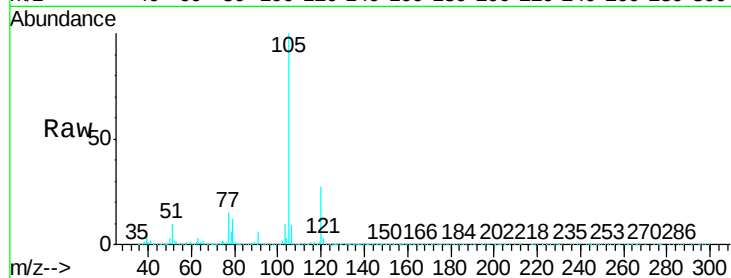
VX1107WBSD01

Tgt Ion: 105 Resp: 684804

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

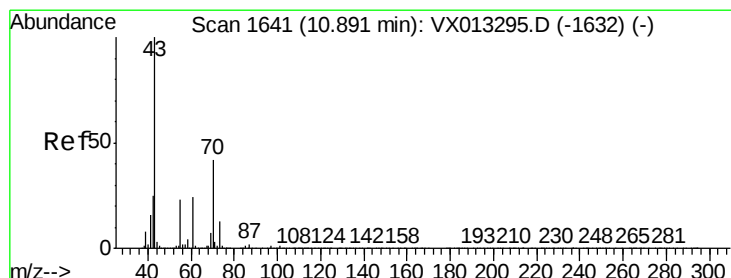
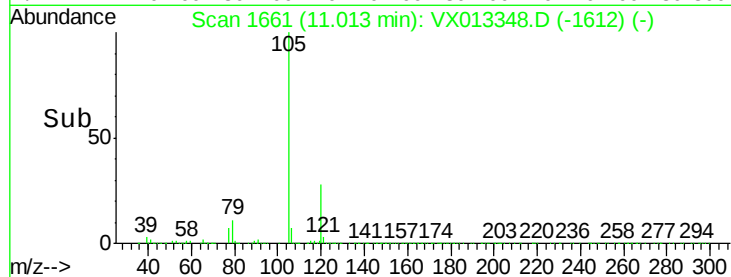
200000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.296 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion: 43 Resp: 316559

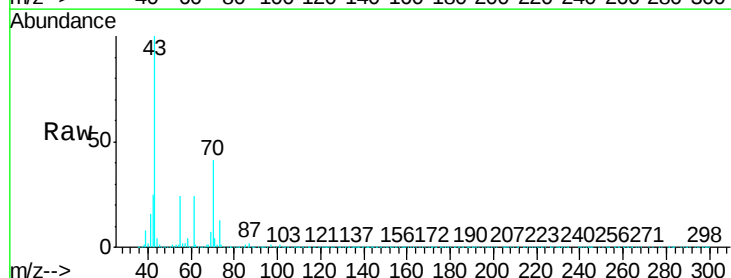
Ion Ratio Lower Upper

43 100

70 43.2 34.1 51.1

55 23.9 18.9 28.3

61 24.7 19.2 28.8



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

400000

300000

200000

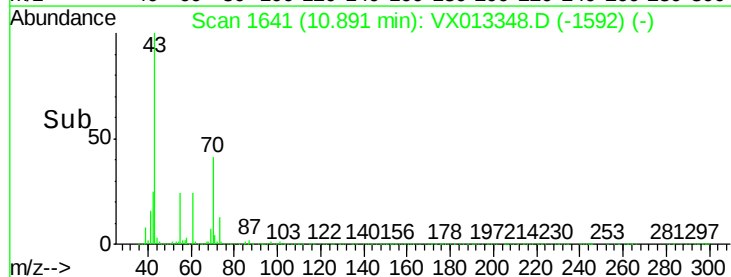
100000

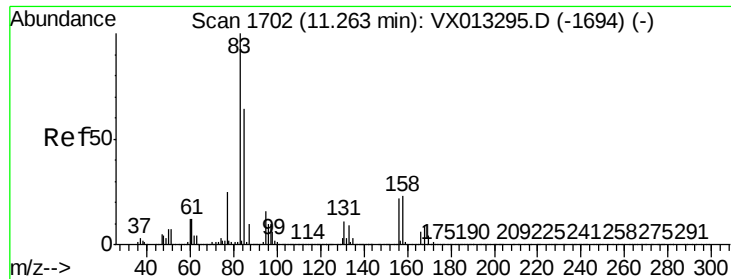
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.158 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

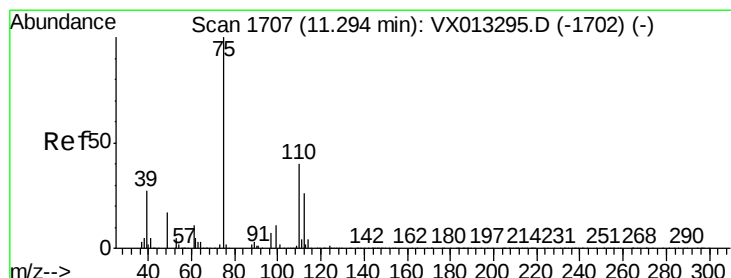
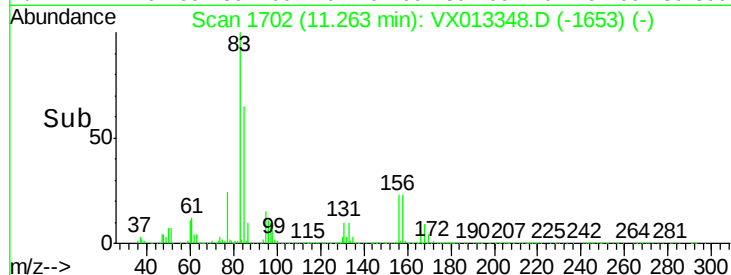
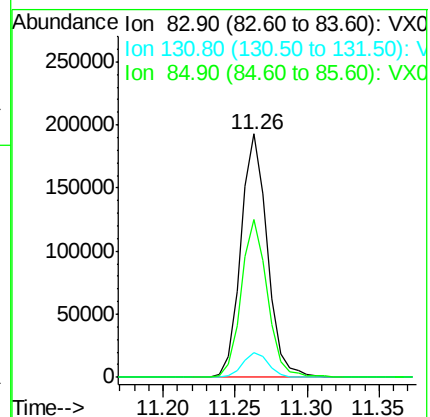
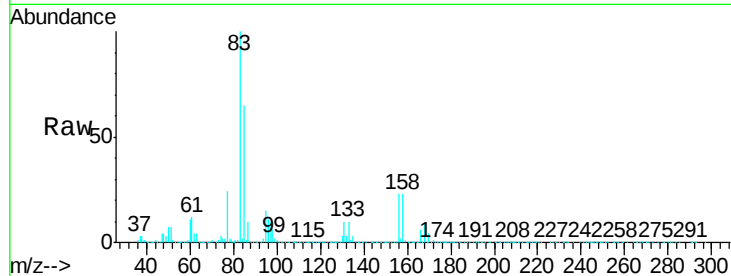
Tgt Ion: 83 Resp: 247421

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 63.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 27.392 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013348.D

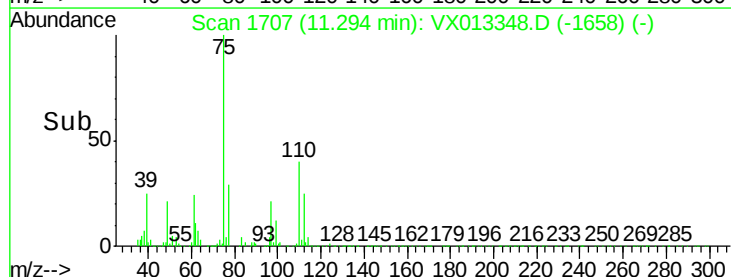
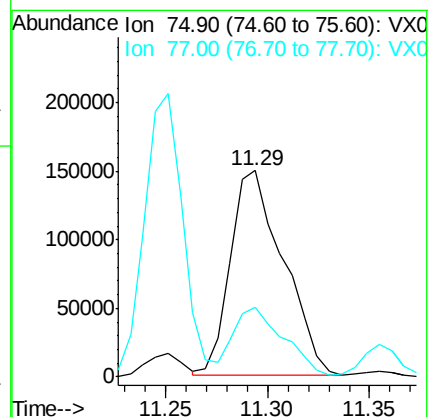
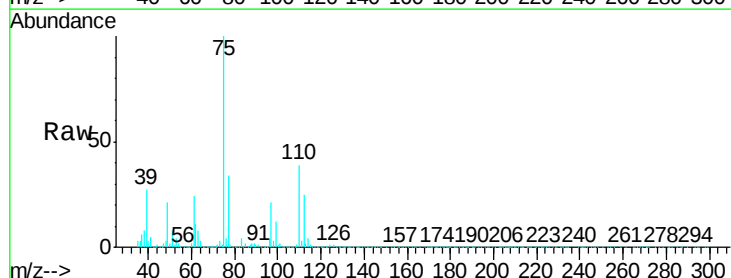
Acq: 07 Nov 2019 13:14

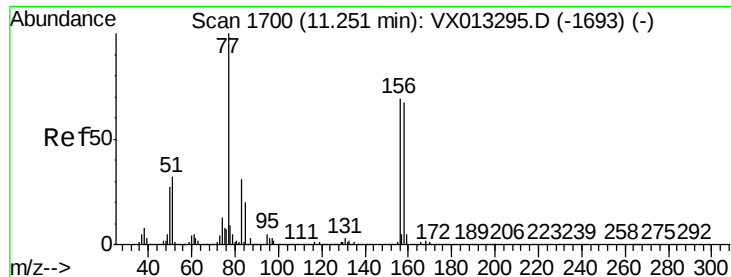
Tgt Ion: 75 Resp: 268984

Ion Ratio Lower Upper

75 100

77 31.9 22.3 66.8





#77

Bromobenzene

Concen: 21.005 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

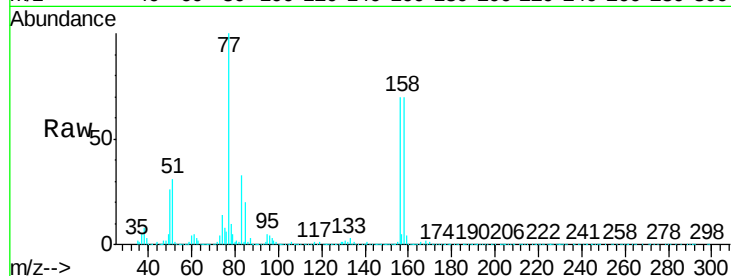
Tgt Ion:156 Resp: 179494

Ion Ratio Lower Upper

156 100

77 150.3 75.8 227.4

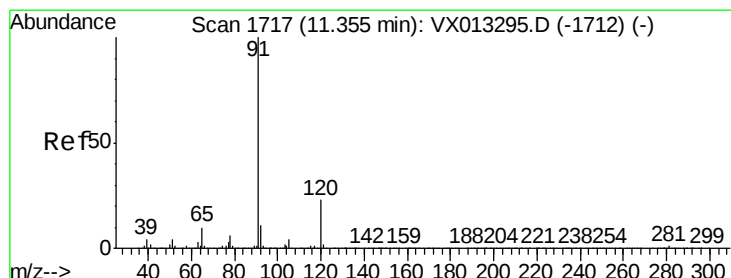
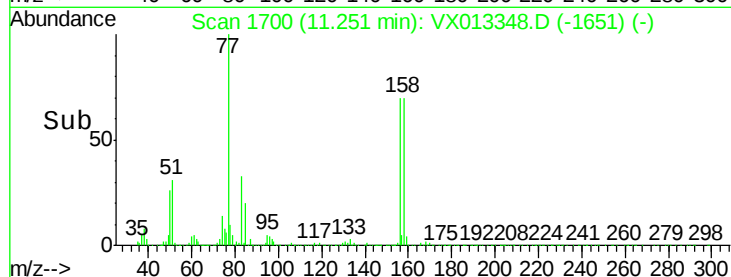
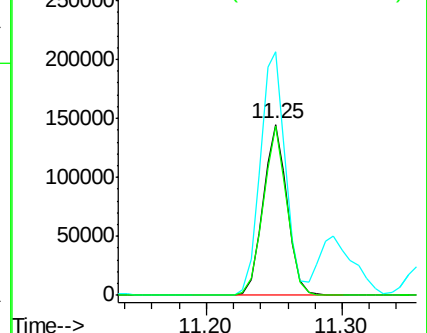
158 97.5 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.283 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013348.D

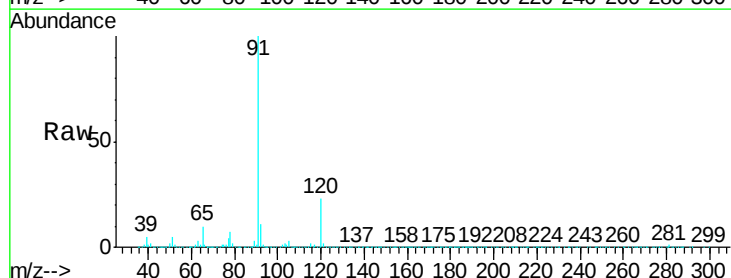
Acq: 07 Nov 2019 13:14

Tgt Ion: 91 Resp: 759958

Ion Ratio Lower Upper

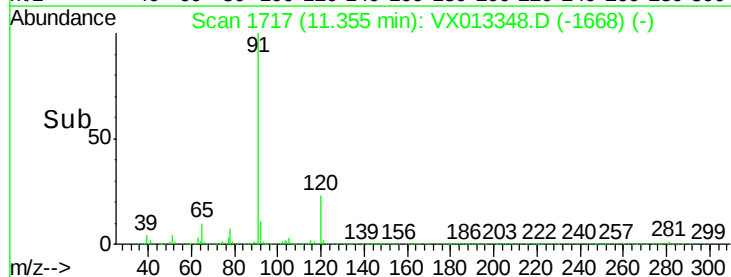
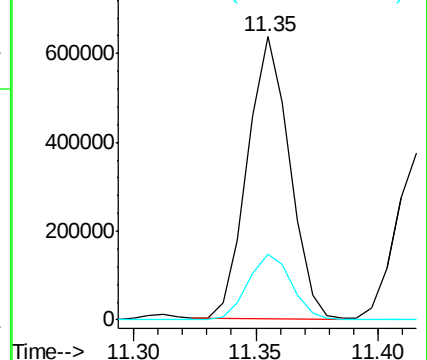
91 100

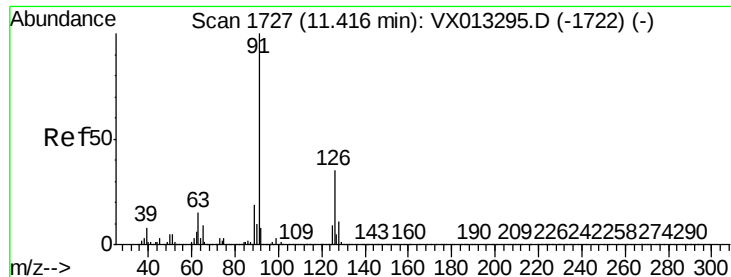
120 23.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

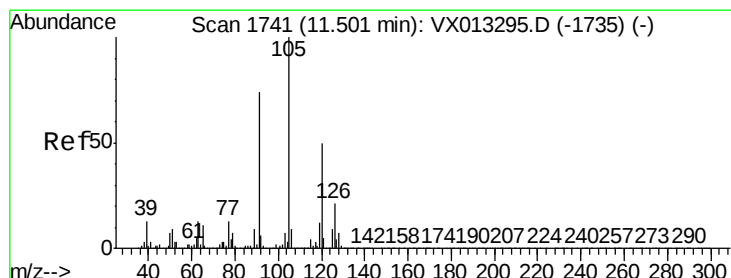
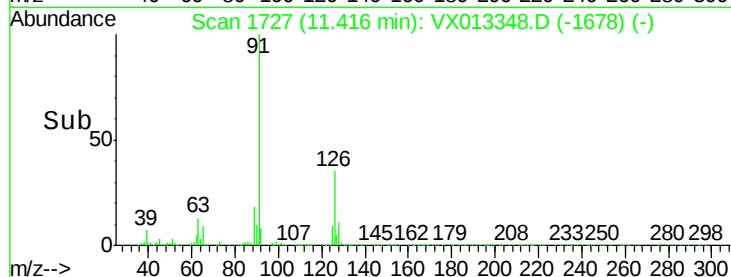
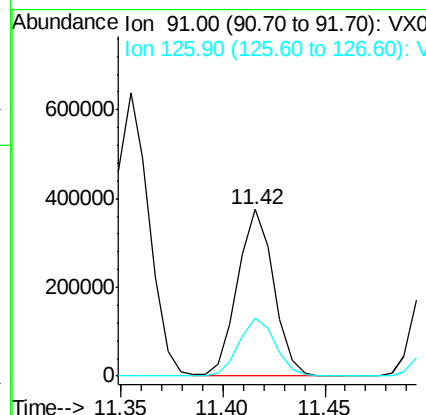
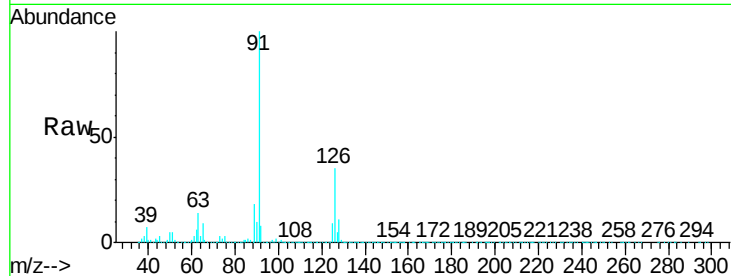




#79
2-Chlorotoluene
Concen: 21.258 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

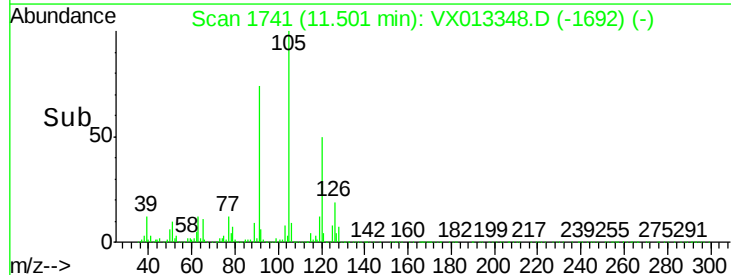
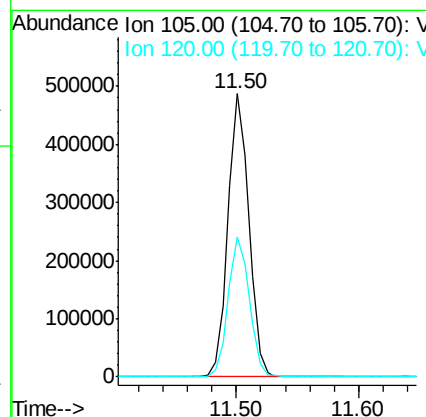
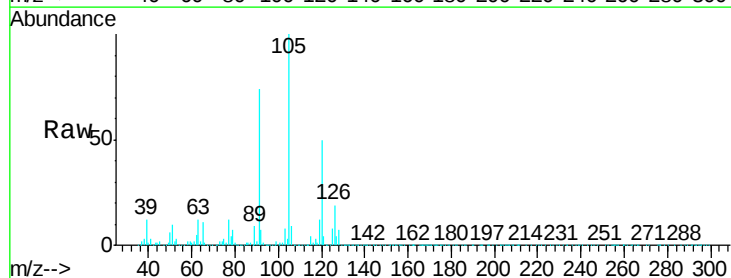
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

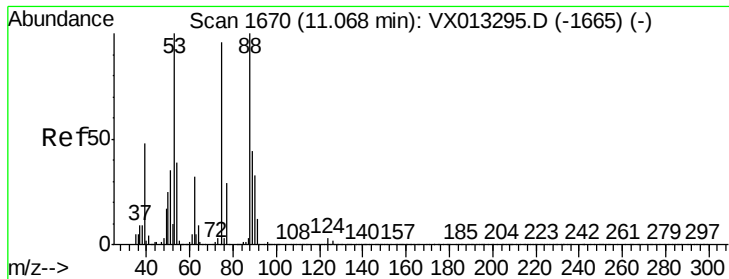
Tgt Ion: 91 Resp: 457329
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 21.523 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 105 Resp: 574657
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.453 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

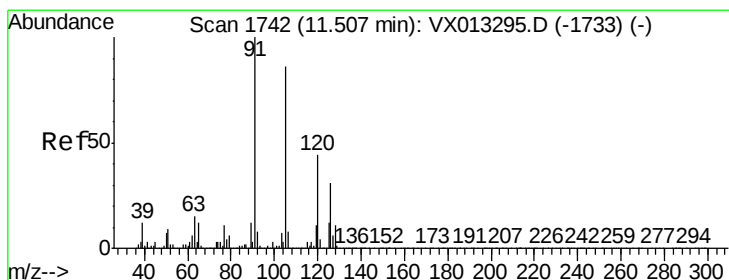
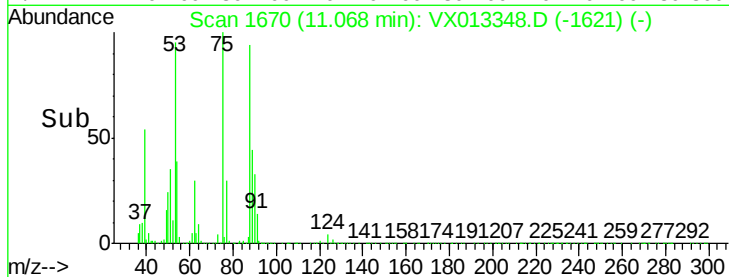
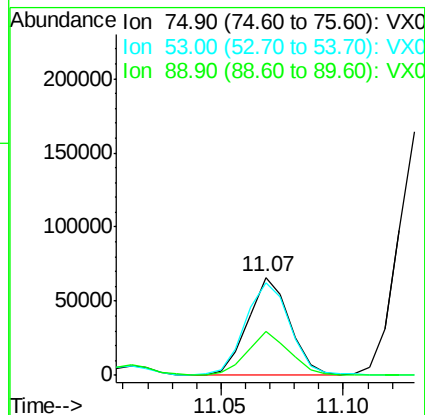
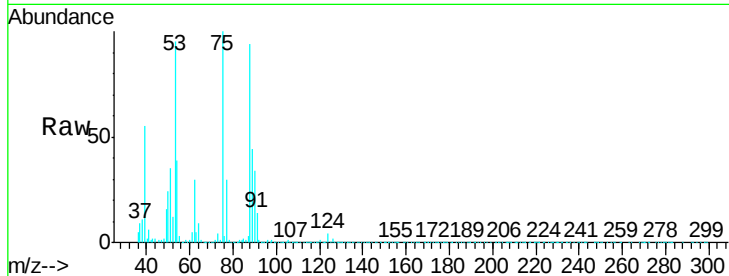
Tgt Ion: 75 Resp: 78030

Ion Ratio Lower Upper

75 100

53 102.0 81.0 121.6

89 45.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.728 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013348.D

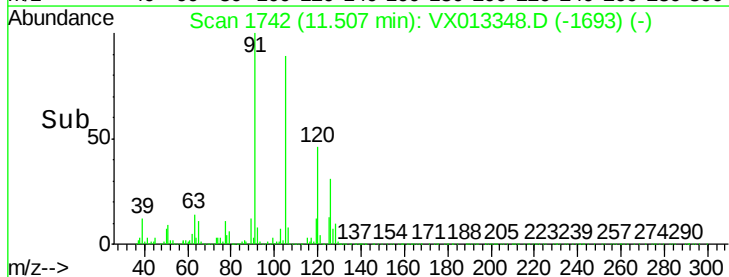
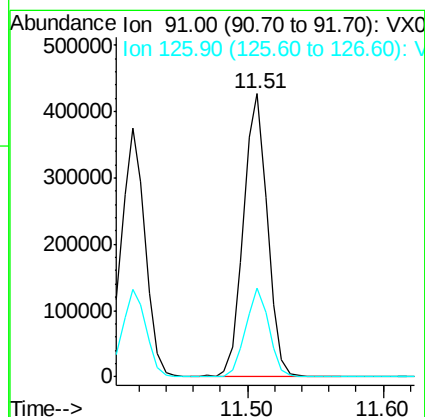
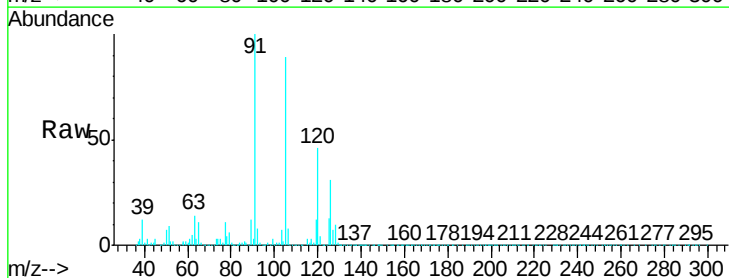
Acq: 07 Nov 2019 13:14

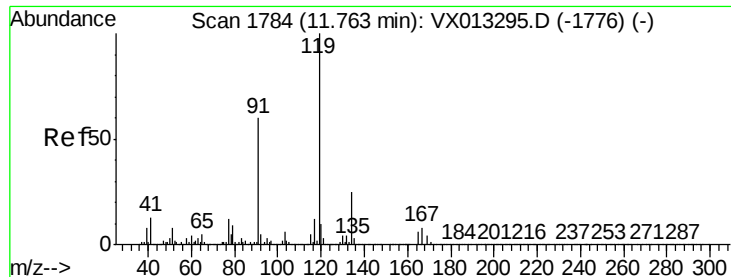
Tgt Ion: 91 Resp: 522008

Ion Ratio Lower Upper

91 100

126 30.5 15.3 45.8

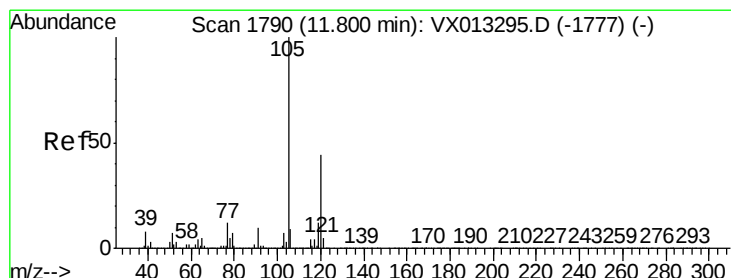
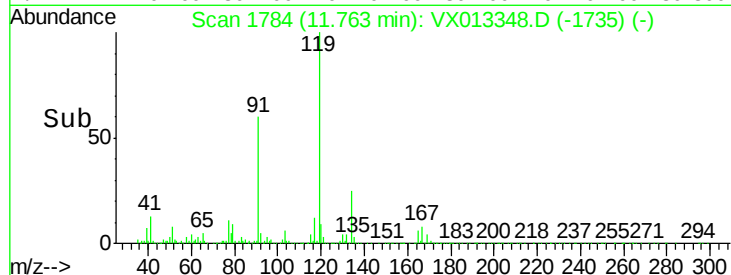
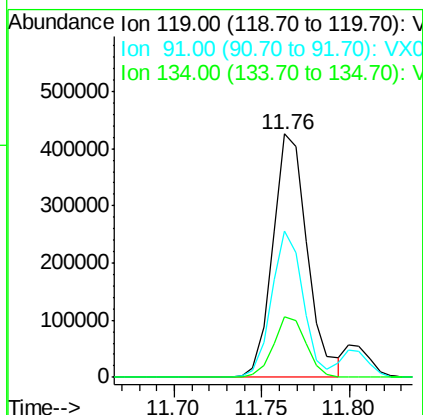
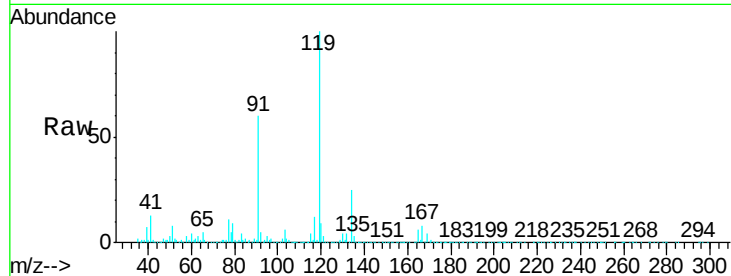




#83
tert-Butylbenzene
Concen: 21.715 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

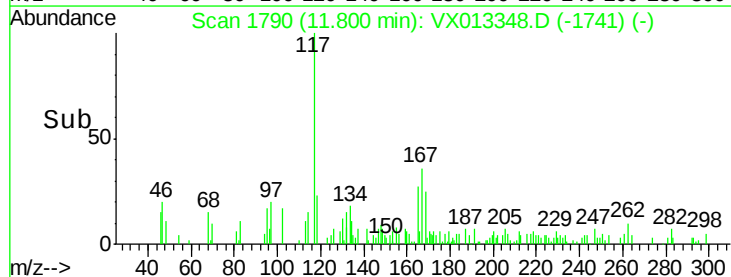
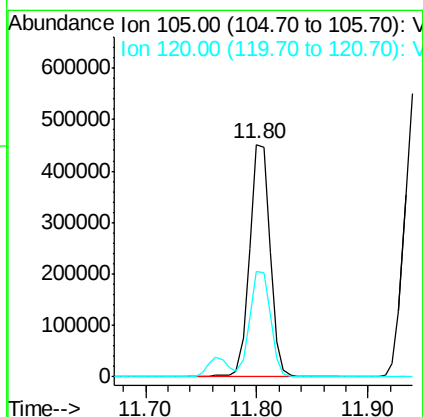
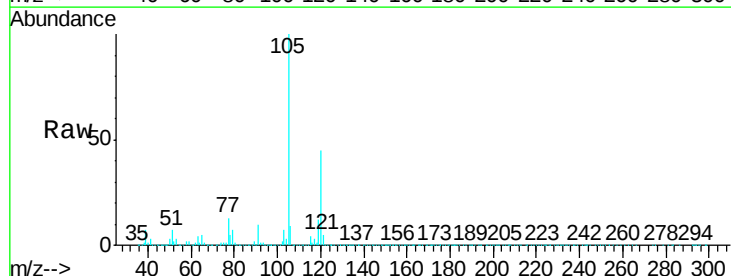
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

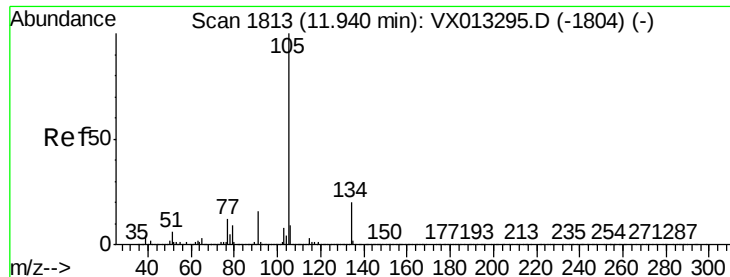
Tgt Ion:119 Resp: 583642
Ion Ratio Lower Upper
119 100
91 54.6 26.9 80.7
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.495 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion:105 Resp: 575728
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1

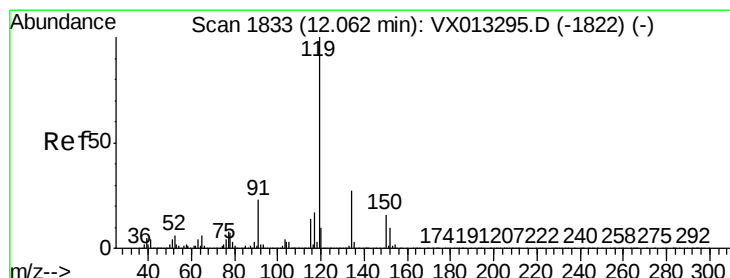
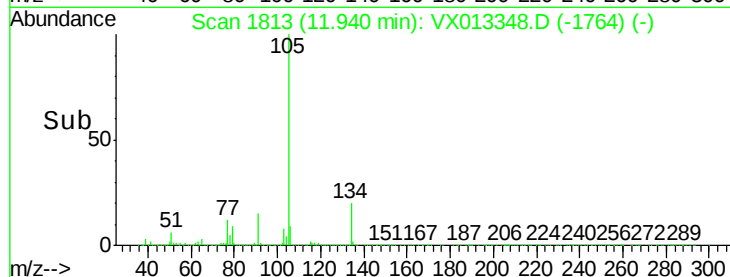
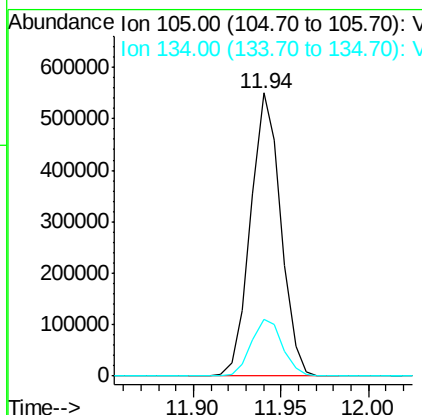
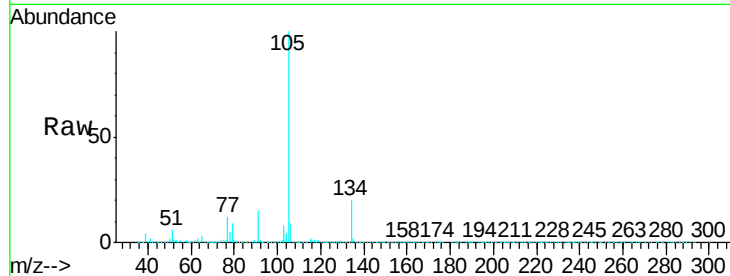




#85
 sec-Butylbenzene
 Concen: 21.324 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

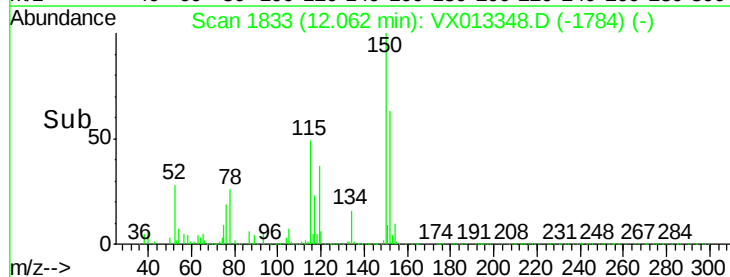
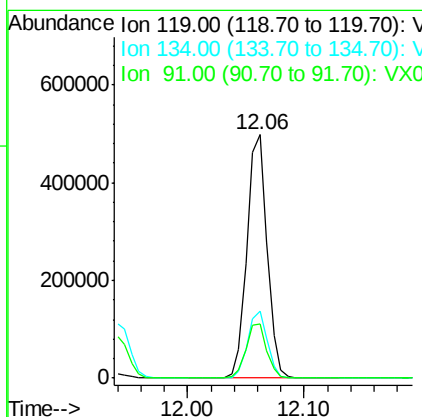
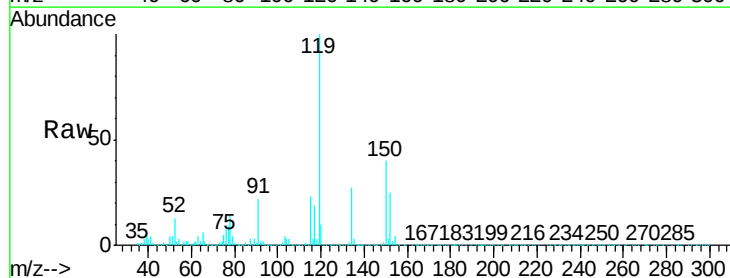
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

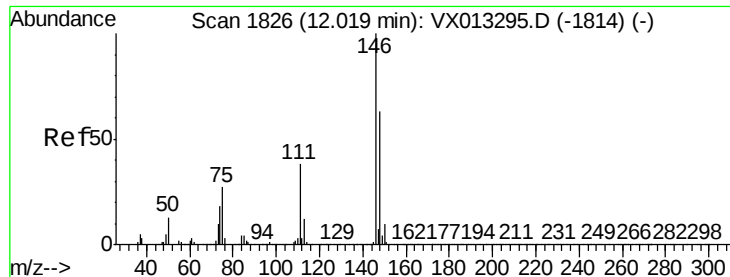
Tgt Ion:105 Resp: 658677
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.195 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion:119 Resp: 602861
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 22.7 11.5 34.4

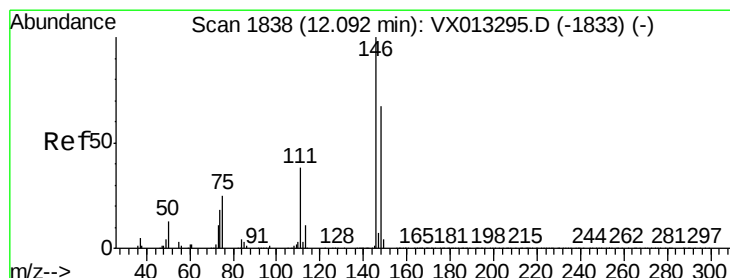
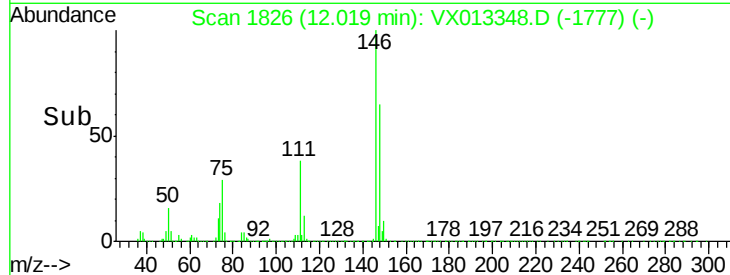
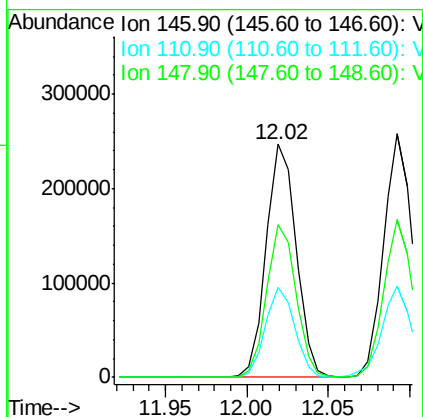
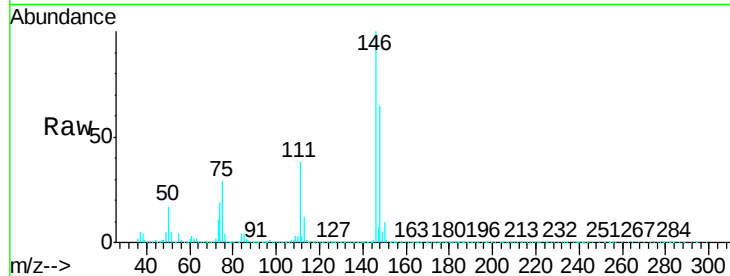




#87
 1,3-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

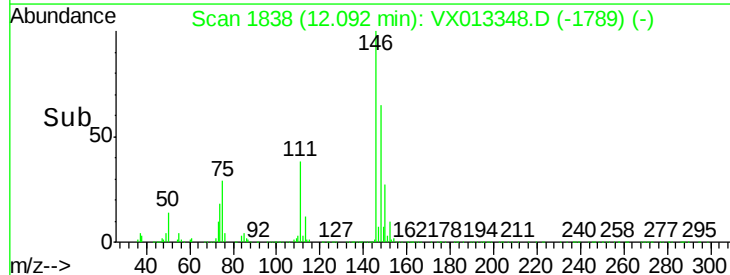
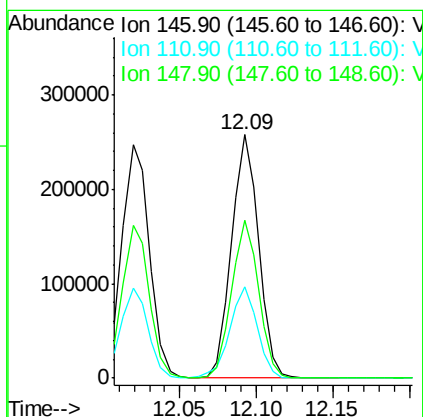
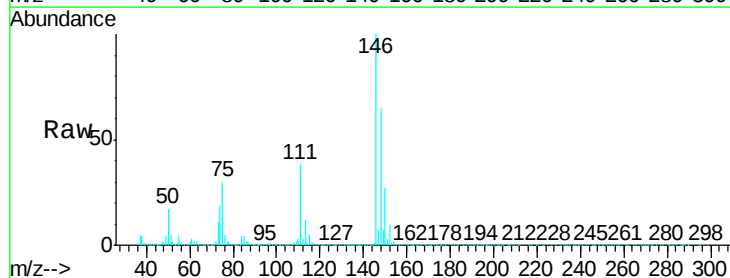
Instrument :
 MSVOA_X
 ClientSampled :
 VX1107WBSD01

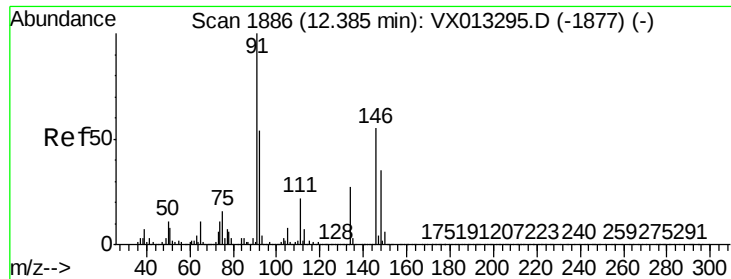
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.293 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.4
148	65.1	32.4	97.0

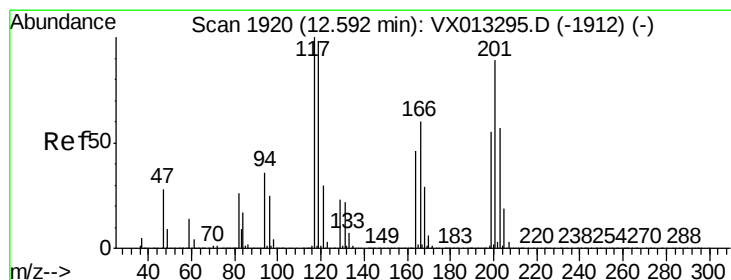
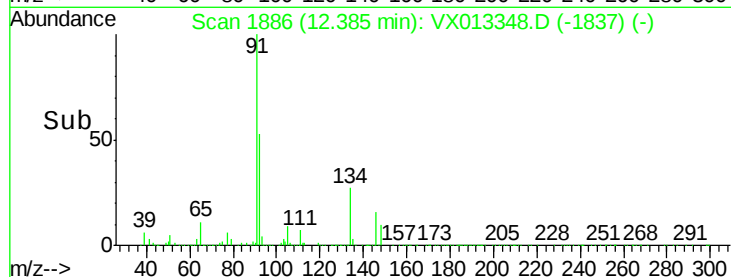
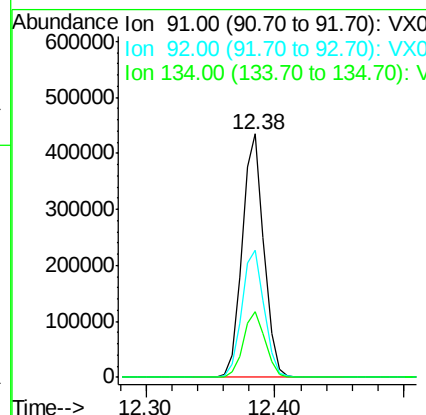
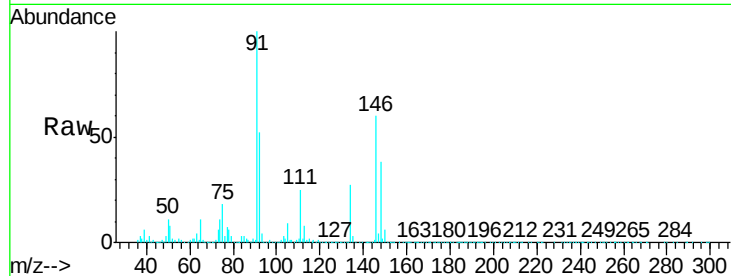




#89
n-Butylbenzene
Concen: 20.377 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

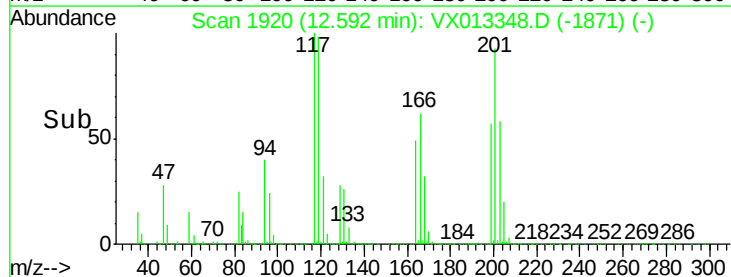
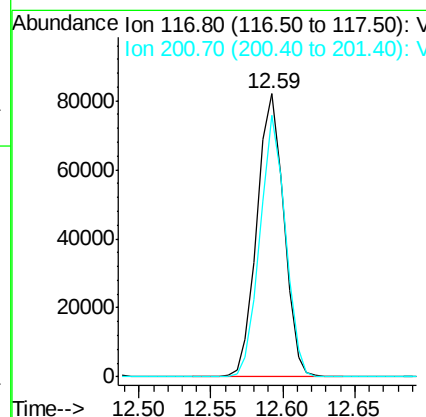
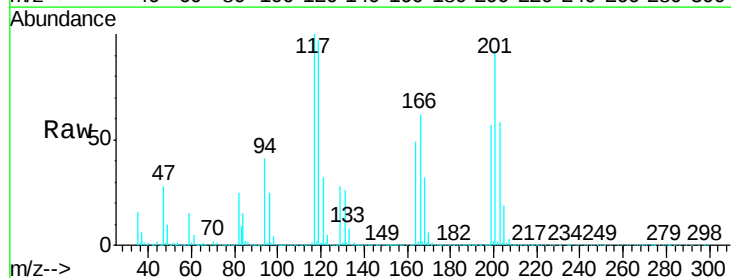
Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

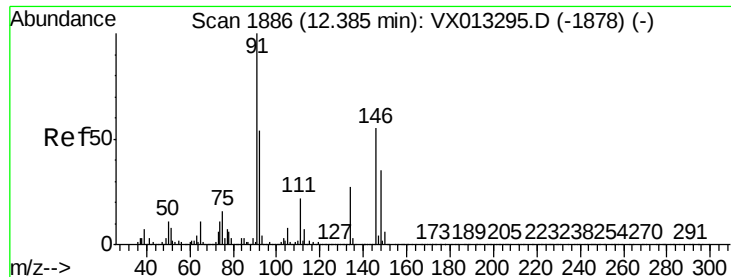
Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	27.1	13.5	40.5



#90
Hexachloroethane
Concen: 20.921 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 20.608 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

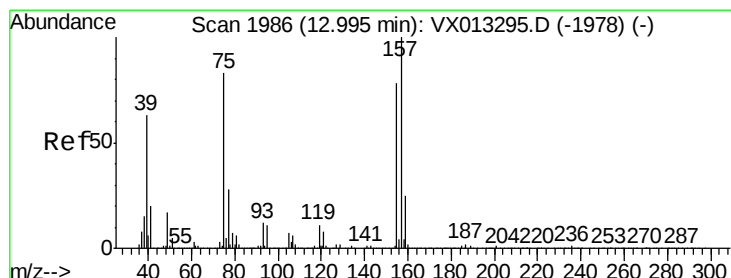
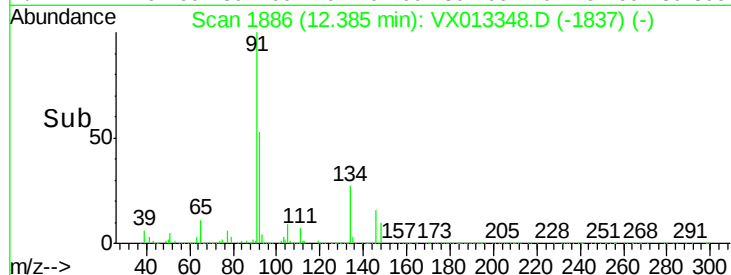
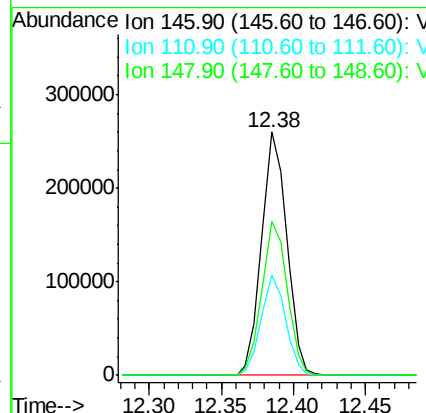
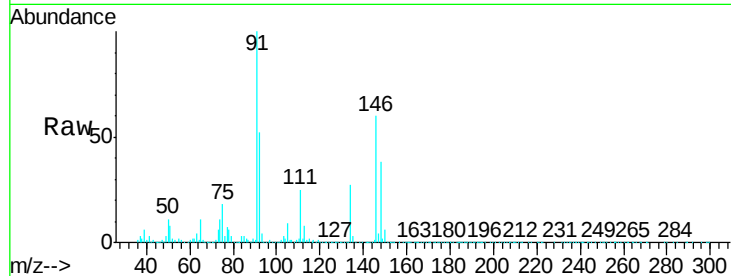
Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion:	146	Resp:	313780
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.1	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.986 ug/l

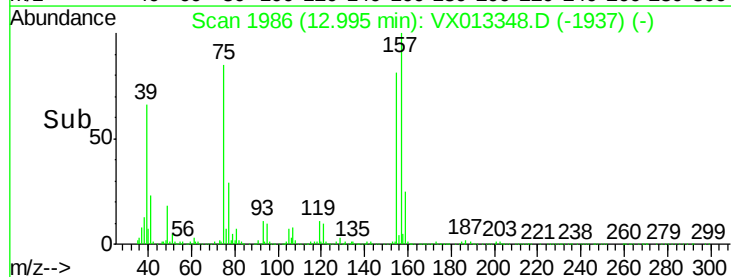
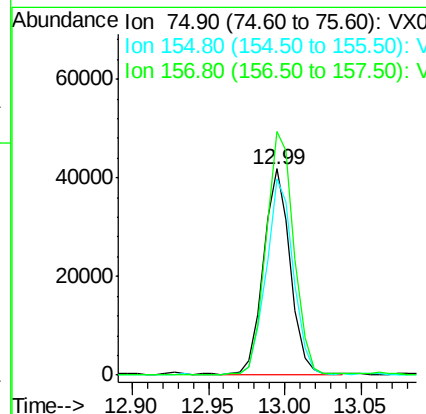
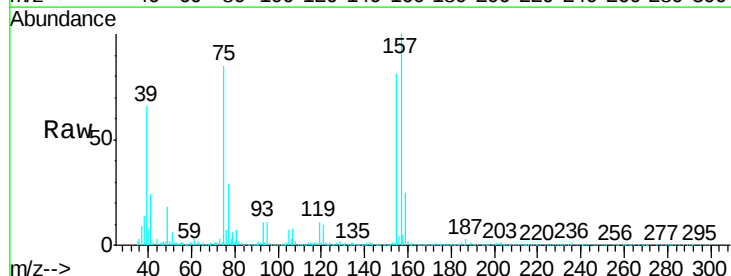
RT: 12.99 min Scan# 1986

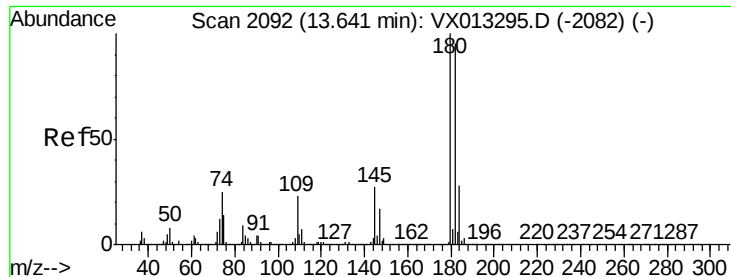
Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion:	75	Resp:	51242
Ion	Ratio	Lower	Upper
75	100		
155	96.7	47.1	141.4
157	124.0	61.3	183.8

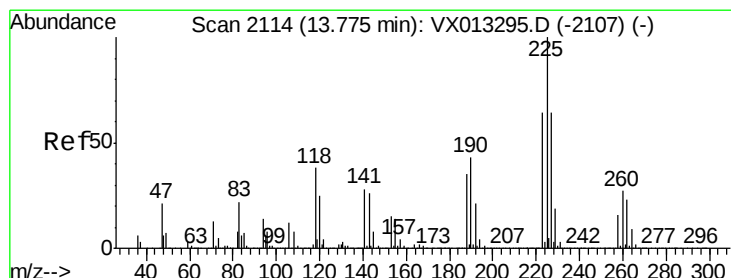
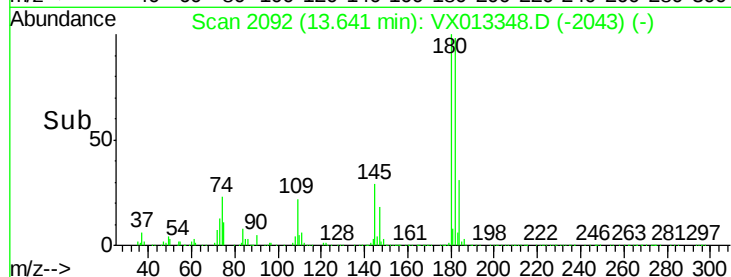
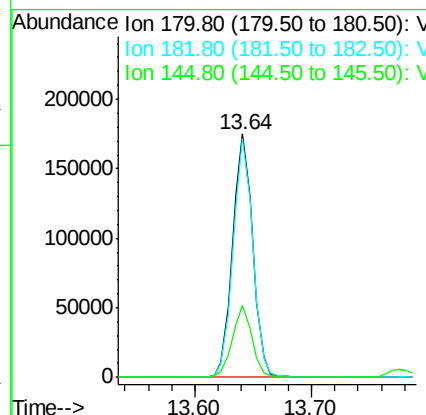
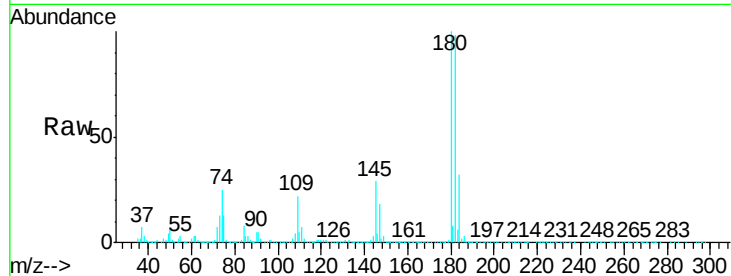




#93
 1,2,4-Trichlorobenzene
 Concen: 19.741 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

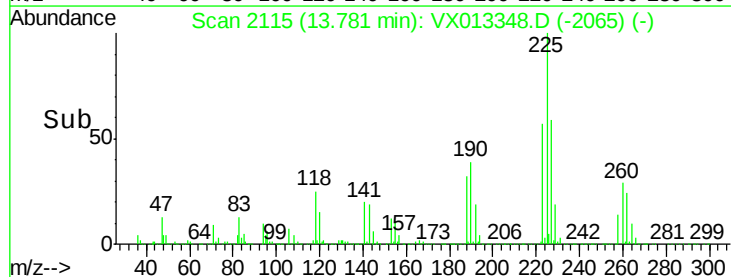
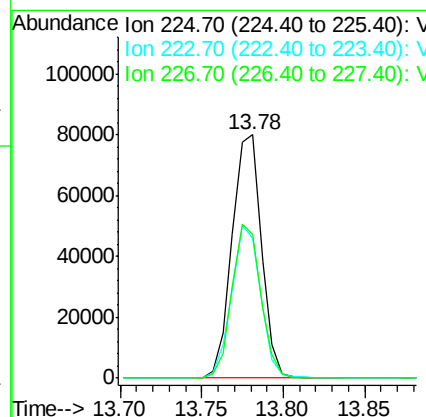
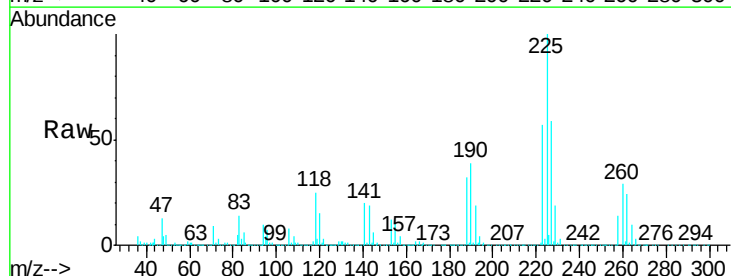
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

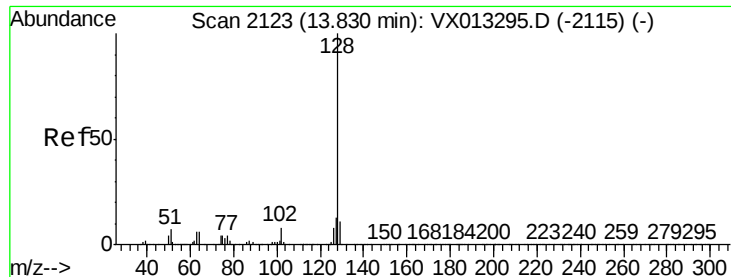
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.0
145	28.5	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.320 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.9	95.7
227	62.2	31.9	95.9





#95

Naphthalene

Concen: 20.018 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

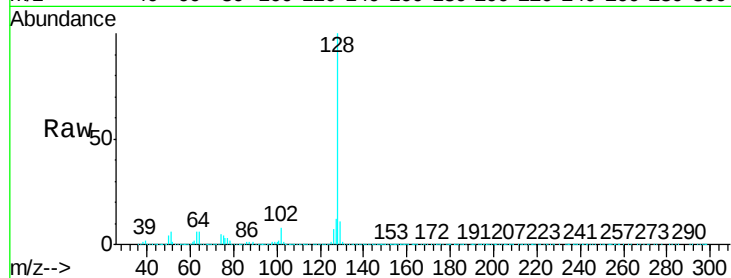
Tgt Ion:128 Resp: 667041

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

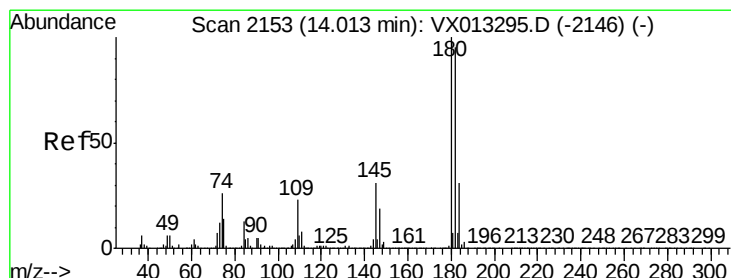
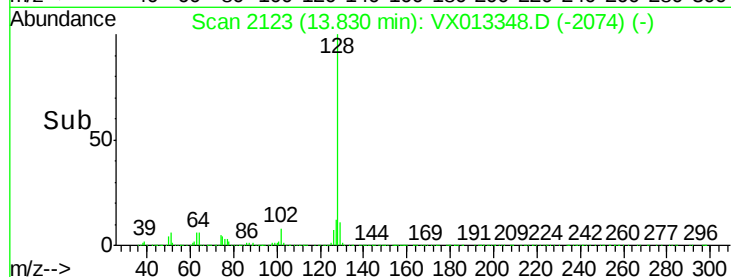
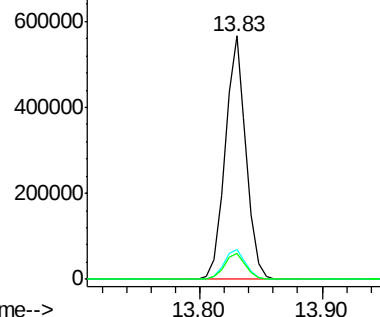
129 10.8 8.5 12.7



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: 20.091 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

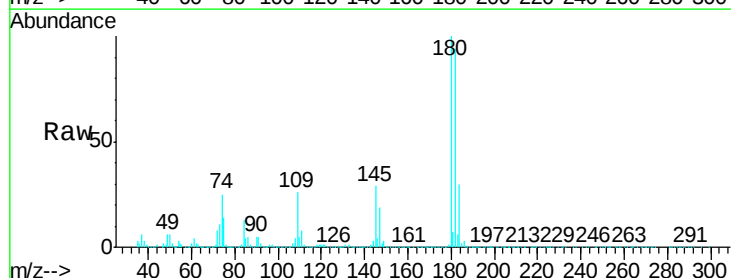
Tgt Ion:180 Resp: 213993

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 29.9 15.4 46.4



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

