

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013930.D
 Acq On : 11 Dec 2019 05:38
 Operator : JC/SP
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Quant Time: Dec 11 13:25:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	704093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	288961	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	5.48	113	231669	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	781225	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
62) 4-Bromofluorobenzene	11.13	95	297716	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	55255	11.250	ug/l	96
3) Chloromethane	1.32	50	111296	20.194	ug/l	100
4) Vinyl Chloride	1.40	62	104848	16.903	ug/l	99
5) Bromomethane	1.64	94	73154	17.561	ug/l	99
6) Chloroethane	1.72	64	72866	20.643	ug/l	94
7) Trichlorofluoromethane	1.92	101	95666	13.889	ug/l	100
8) Diethyl Ether	2.18	74	74514	23.912	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55355	13.157	ug/l	97
10) Methyl Iodide	2.50	142	82427	16.196	ug/l	98
11) Tert butyl alcohol	3.02	59	132910	105.123	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71400	17.002	ug/l	100
13) Acrolein	2.28	56	77906	95.928	ug/l	98
14) Allyl chloride	2.72	41	148433	19.477	ug/l	98
15) Acrylonitrile	3.12	53	303519	116.300	ug/l	98
16) Acetone	2.43	43	268353	106.114	ug/l	97
17) Carbon Disulfide	2.56	76	182768	15.267	ug/l	99
18) Methyl Acetate	2.76	43	177990	25.275	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	332181	23.877	ug/l	99
20) Methylene Chloride	2.85	84	110455	22.735	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	88720	19.393	ug/l	96
22) Diisopropyl ether	3.84	45	353336	24.078	ug/l	91
23) Vinyl Acetate	3.80	43	1411306	115.608	ug/l	100
24) 1,1-Dichloroethane	3.69	63	176920	22.054	ug/l	100
25) 2-Butanone	4.65	43	421300	112.095	ug/l	100
26) 2,2-Dichloropropane	4.57	77	83461	12.575	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	114403	21.775	ug/l	94
28) Bromochloromethane	5.00	49	80363	25.344	ug/l	97
29) Tetrahydrofuran	5.11	42	269890	116.485	ug/l	99
30) Chloroform	5.19	83	178019	21.881	ug/l	99
31) Cyclohexane	5.57	56	94915	12.544	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	123178	18.118	ug/l	99
36) 1,1-Dichloropropene	5.78	75	102398	14.766	ug/l	98
37) Ethyl Acetate	4.81	43	162096	20.836	ug/l	100
38) Carbon Tetrachloride	5.77	117	94430	14.768	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	94676	11.045	ug/l	94
40) Benzene	6.13	78	384162	18.189	ug/l	99
41) Methacrylonitrile	5.03	41	93582	21.934	ug/l	97
42) 1,2-Dichloroethane	6.18	62	152516	21.174	ug/l	98
43) Isopropyl Acetate	6.43	43	264063	20.618	ug/l	98
44) Trichloroethene	7.20	130	98725	17.032	ug/l	98
45) 1,2-Dichloropropane	7.50	63	107138	20.275	ug/l	95
46) Dibromomethane	7.65	93	74207	20.676	ug/l	96
47) Bromodichloromethane	7.89	83	135990	20.043	ug/l	99
48) Methyl methacrylate	7.76	41	128756	20.691	ug/l	100
49) 1,4-Dioxane	7.73	88	53074	381.025	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	838379	104.065	ug/l	100
52) Toluene	8.78	92	234235	17.852	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	140743	18.225	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156196	18.513	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111543	21.096	ug/l	98
56) Ethyl methacrylate	9.17	69	172380	20.278	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187951	20.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	338827	101.659	ug/l	99
59) 2-Hexanone	9.48	43	635645	101.164	ug/l	98
60) Dibromochloromethane	9.57	129	111680	20.352	ug/l	100
61) 1,2-Dibromoethane	9.67	107	116188	20.574	ug/l	99
64) Tetrachloroethene	9.33	164	91665	17.458	ug/l	97
65) Chlorobenzene	10.14	112	262144	17.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	101481	19.332	ug/l	99
67) Ethyl Benzene	10.25	91	411789	16.393	ug/l	100
68) m/p-Xylenes	10.36	106	311567	32.396	ug/l	99
69) o-Xylene	10.70	106	156536	16.689	ug/l	96
70) Styrene	10.71	104	284746	18.047	ug/l	100
71) Bromoform	10.85	173	83194	19.154	ug/l #	99
73) Isopropylbenzene	11.01	105	380057	15.588	ug/l	100
74) N-amyl acetate	10.89	43	219429	19.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	175467	20.753	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	184270	23.572	ug/l	90
77) Bromobenzene	11.25	156	121831	18.497	ug/l	98
78) n-propylbenzene	11.35	91	418278	15.369	ug/l	100
79) 2-Chlorotoluene	11.42	91	276571	16.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	320884	16.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44587	15.604	ug/l	95
82) 4-Chlorotoluene	11.51	91	319147	16.878	ug/l	99
83) tert-Butylbenzene	11.76	119	305949	15.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	334206	16.480	ug/l	100
85) sec-Butylbenzene	11.94	105	340208	14.667	ug/l	100
86) p-Isopropyltoluene	12.06	119	317539	14.715	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197343	17.188	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	205379	17.562	ug/l	100
89) n-Butylbenzene	12.39	91	258865	14.065	ug/l	99
90) Hexachloroethane	12.59	117	56263	14.425	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	209701	18.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35598	19.334	ug/l	97

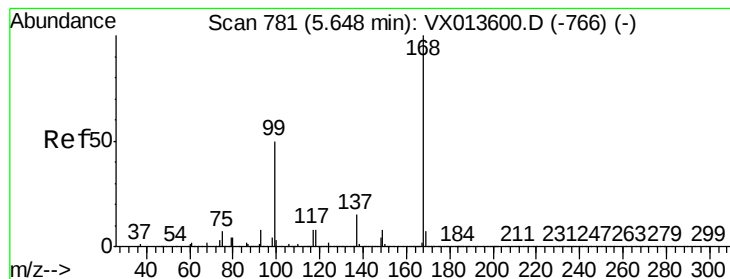
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
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MSVOA_X
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Quant Time: Dec 11 13:25:15 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142570	18.033	ug/l	97
94) Hexachlorobutadiene	13.78	225	50263	13.234	ug/l	99
95) Naphthalene	13.83	128	468154	19.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147206	18.805	ug/l	100

(#) = 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: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

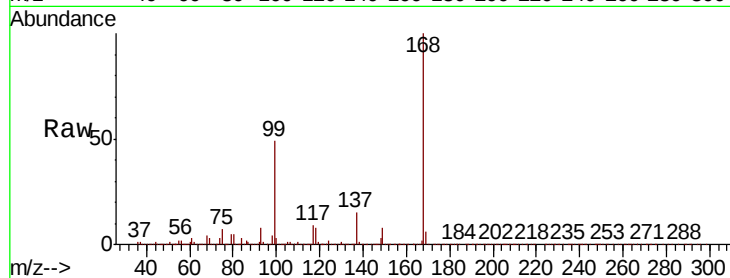
VX1210WBSD02

Tot Ion:168 Resp: 441276

Ion Ratio Lower Upper

168 100

99 48.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

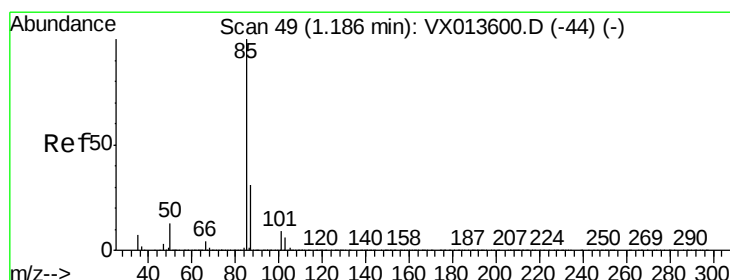
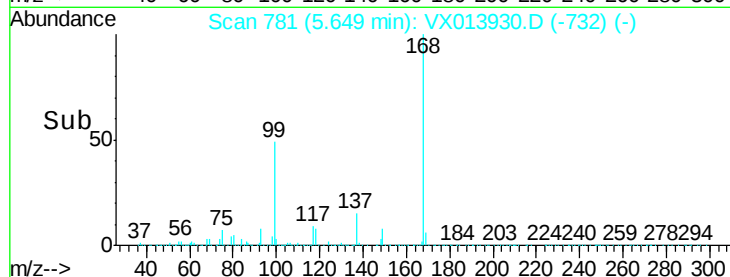
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 11.250 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013930.D

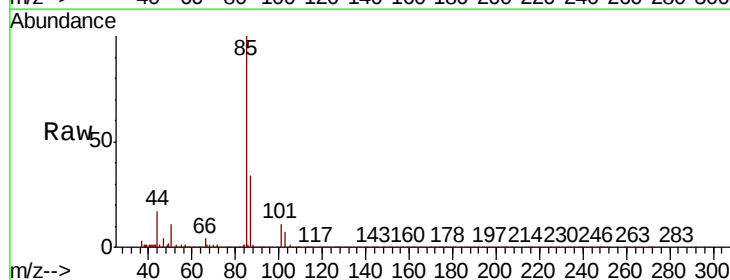
Acq: 11 Dec 2019 05:38

Tgt Ion: 85 Resp: 55255

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

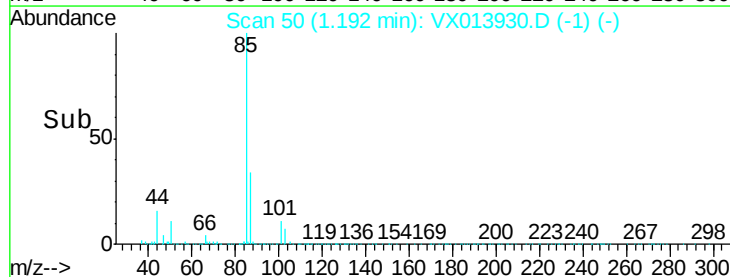
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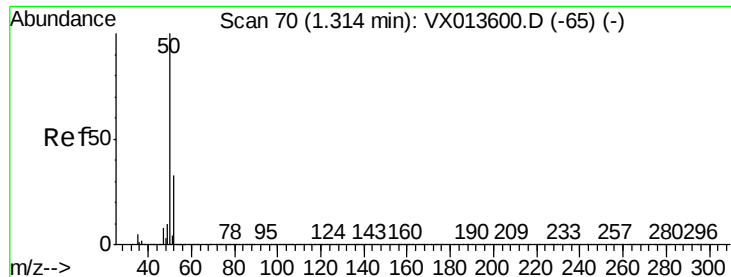
20000

10000

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Time-->





#3

Chloromethane

Concen: 20.194 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

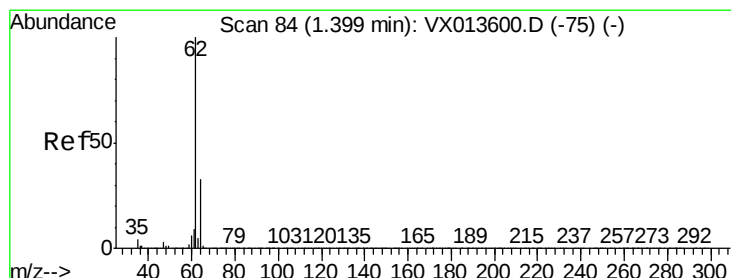
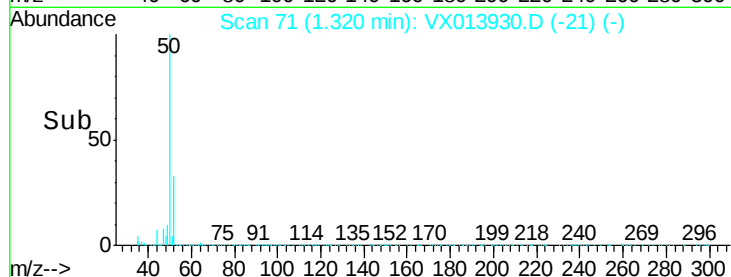
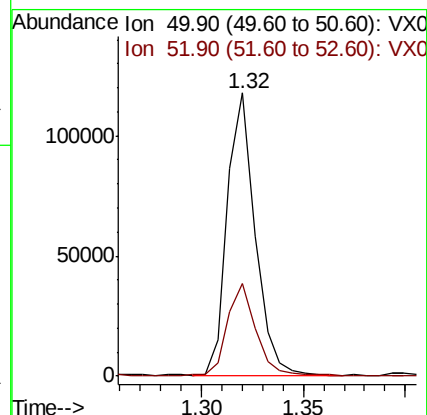
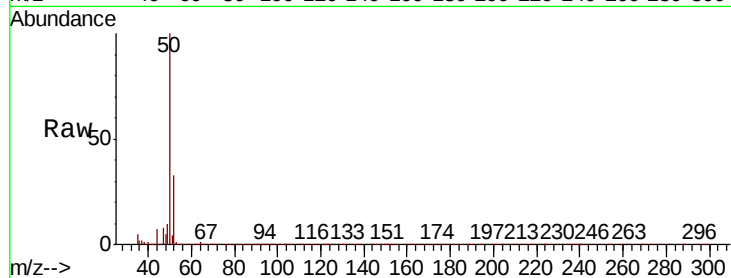
VX1210WBSD02

Tot Ion: 50 Resp: 111296

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 16.903 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013930.D

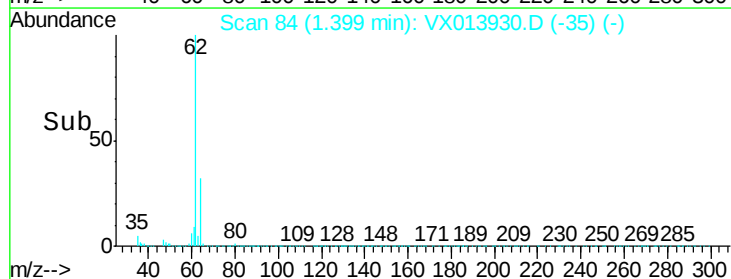
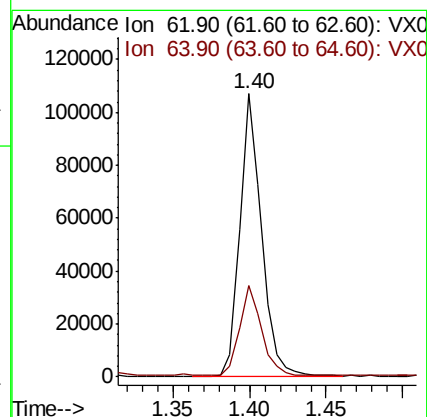
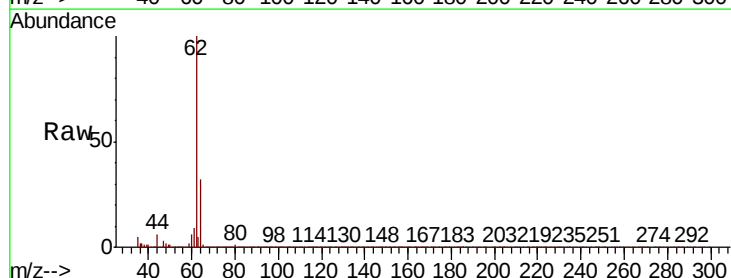
Acq: 11 Dec 2019 05:38

Tgt Ion: 62 Resp: 104848

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 17.561 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

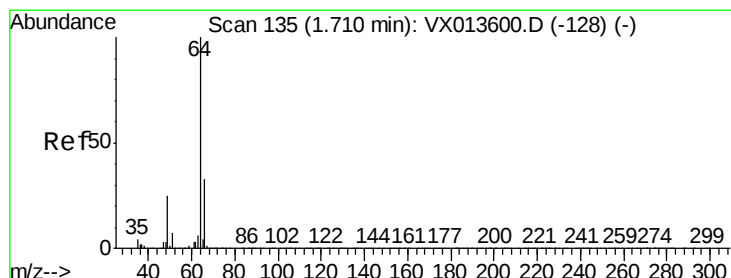
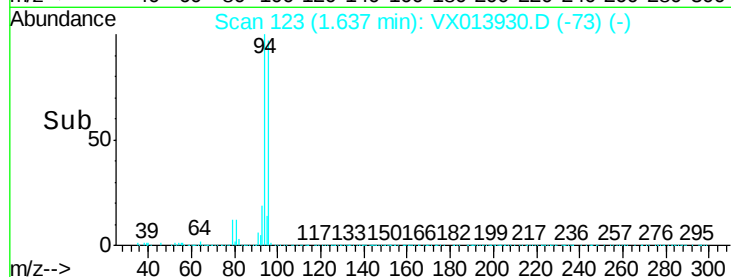
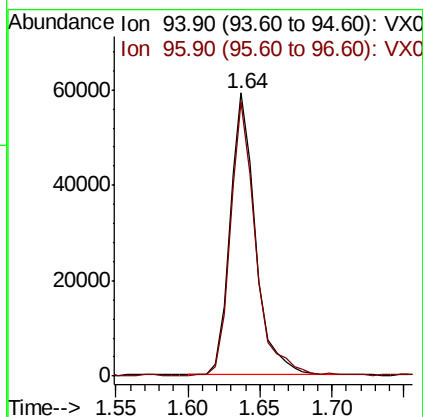
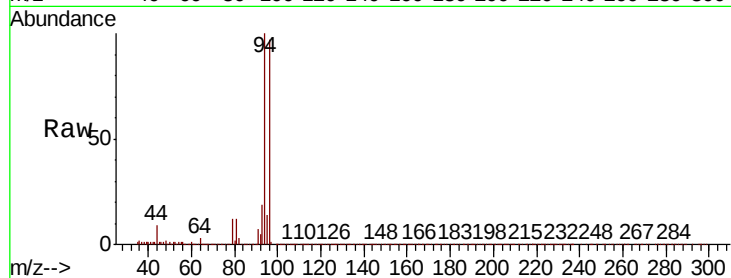
VX1210WBSD02

Tot Ion: 94 Resp: 73154

Ion Ratio Lower Upper

94 100

96 96.7 77.0 115.4



#6

Chloroethane

Concen: 20.643 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013930.D

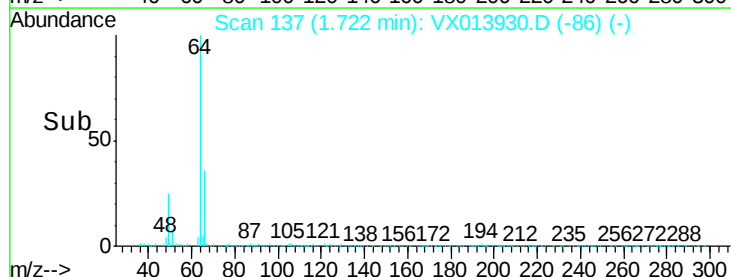
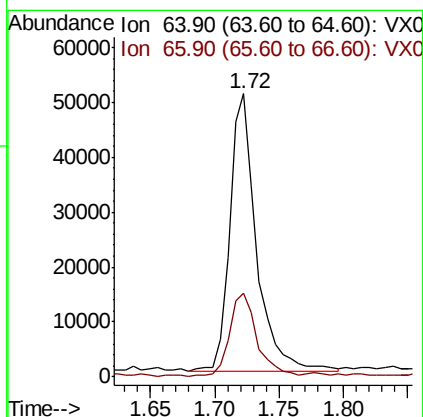
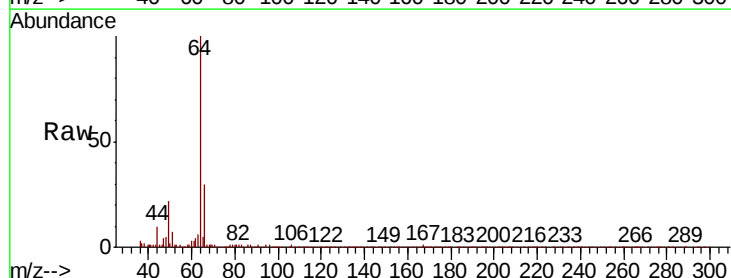
Acq: 11 Dec 2019 05:38

Tgt Ion: 64 Resp: 72866

Ion Ratio Lower Upper

64 100

66 30.0 26.7 40.1



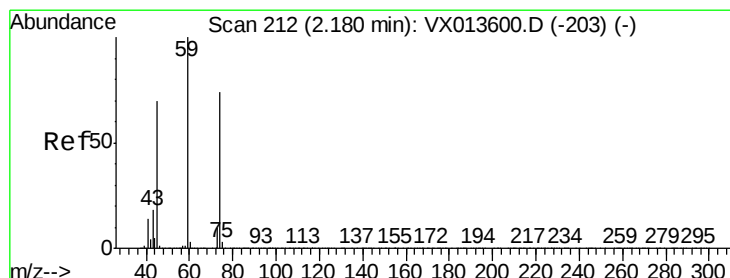
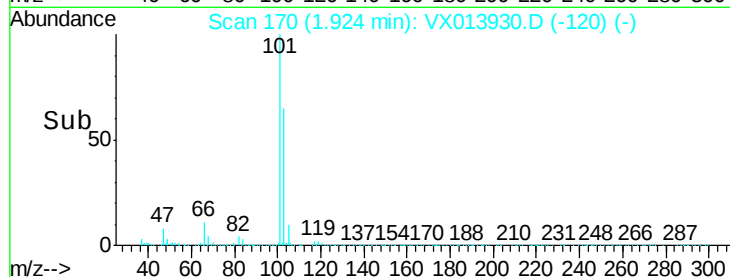
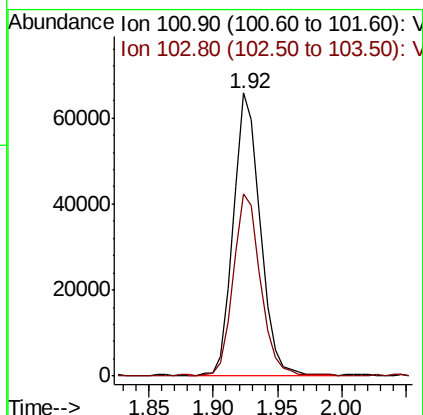
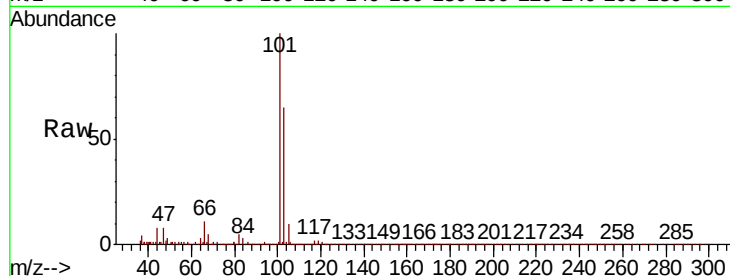


#7

Trichlorofluoromethane
Concen: 13.889 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

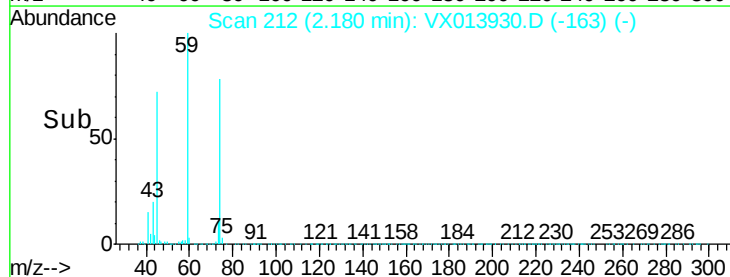
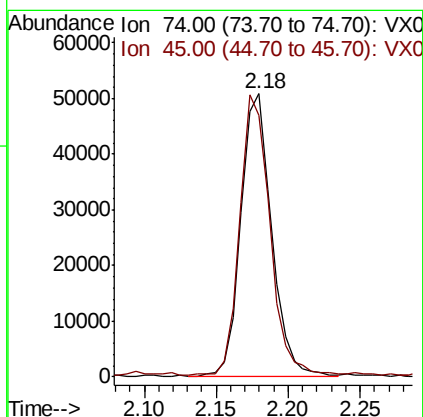
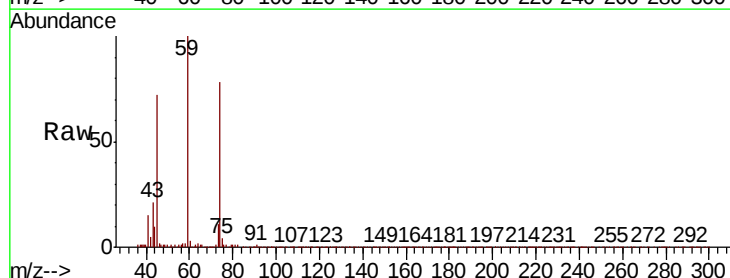
Tot Ion:101 Resp: 95666
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

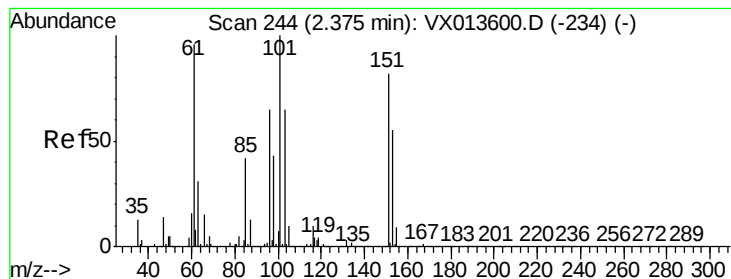


#8

Diethyl Ether
Concen: 23.912 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 74 Resp: 74514
Ion Ratio Lower Upper
74 100
45 97.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.157 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

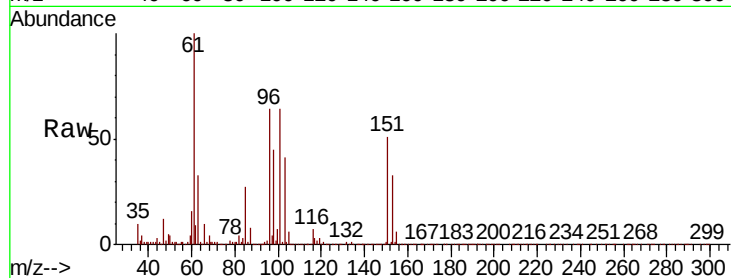
Tot Ion:101 Resp: 55355

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

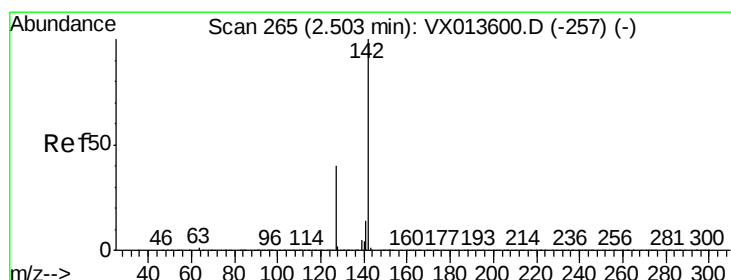
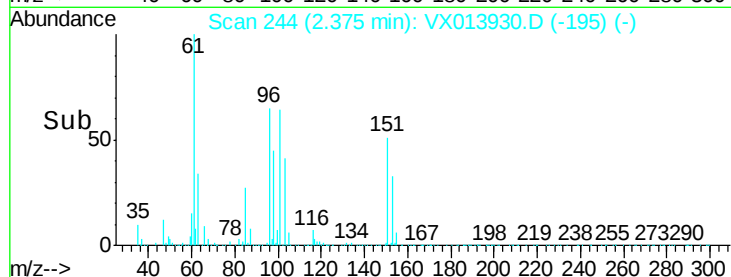
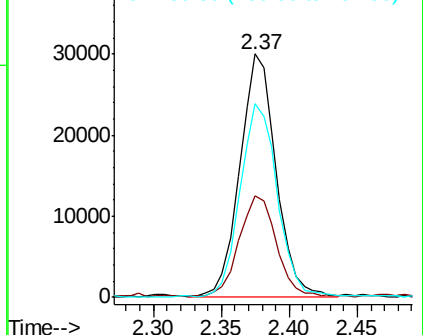
151 83.8 64.2 96.2



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: 16.196 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

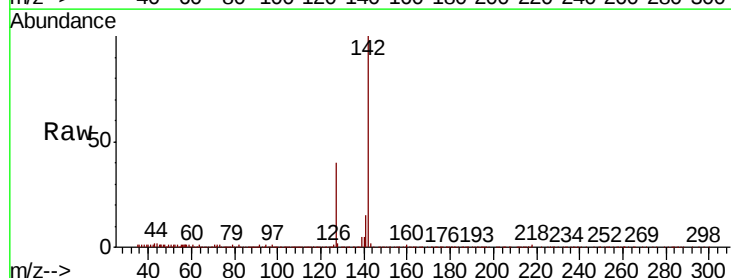
Tgt Ion:142 Resp: 82427

Ion Ratio Lower Upper

142 100

127 39.6 31.0 46.4

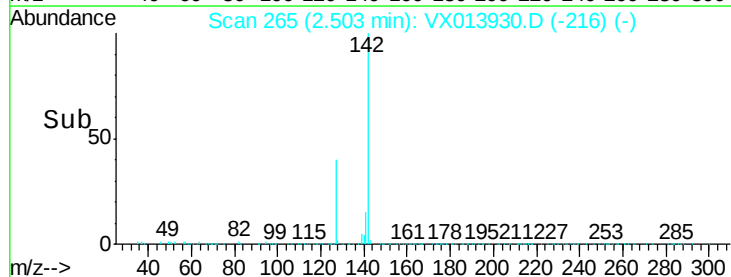
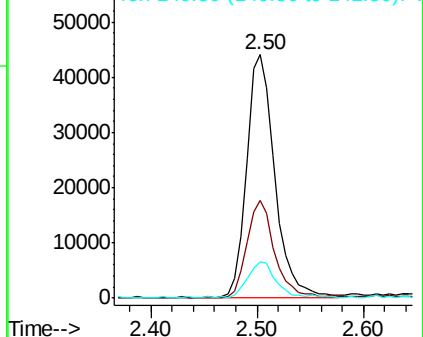
141 15.8 11.6 17.4

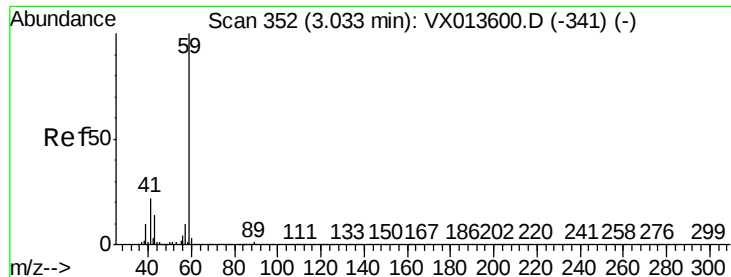


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



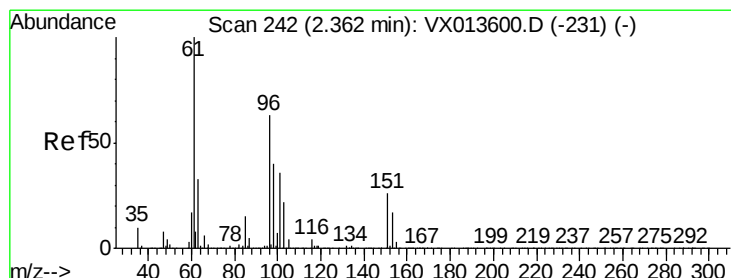
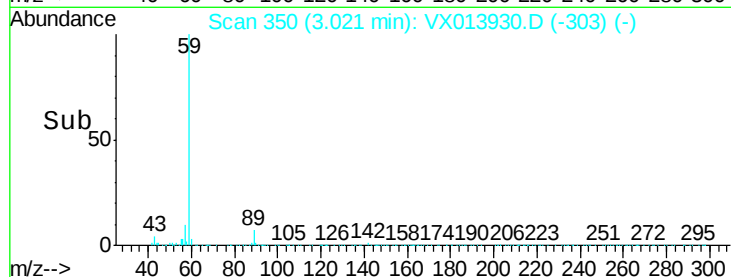
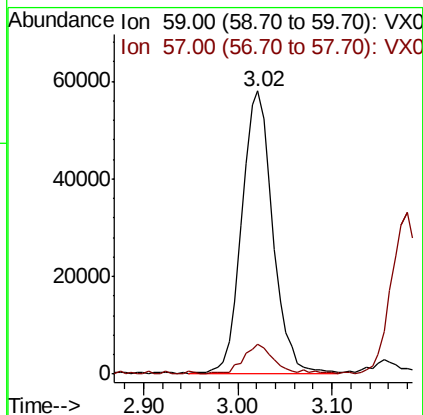
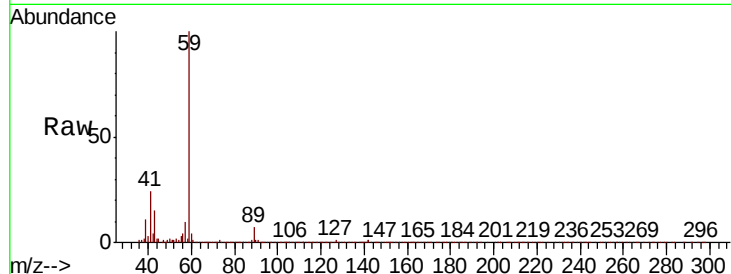


#11

Tert butyl alcohol
Concen: 105.123 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

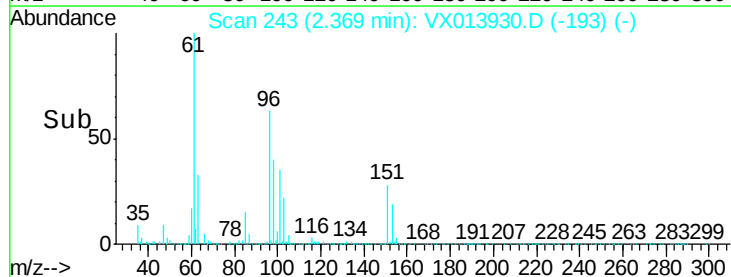
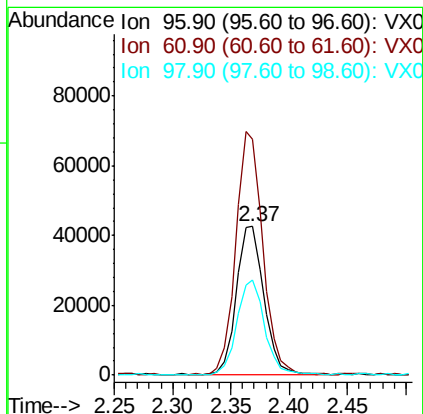
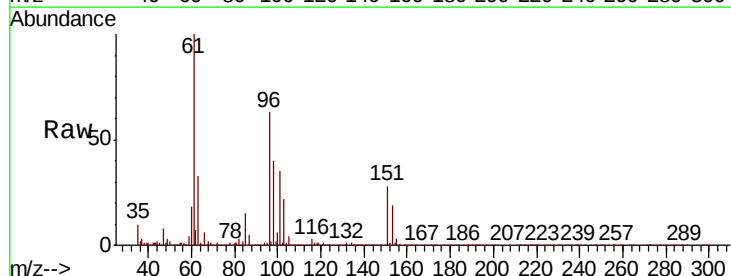
Tot Ion: 59 Resp: 132910
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6

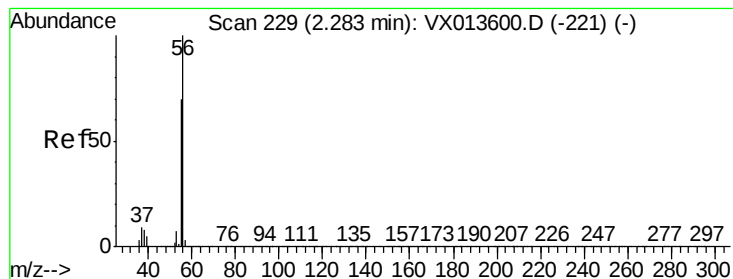


#12

1,1-Dichloroethene
Concen: 17.002 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 96 Resp: 71400
Ion Ratio Lower Upper
96 100
61 158.7 126.6 190.0
98 62.9 50.6 76.0





#13

Acrolein

Concen: 95.928 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

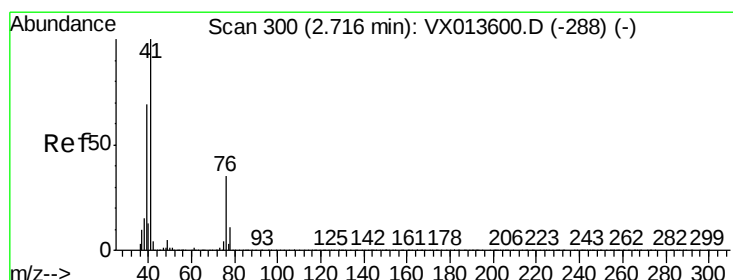
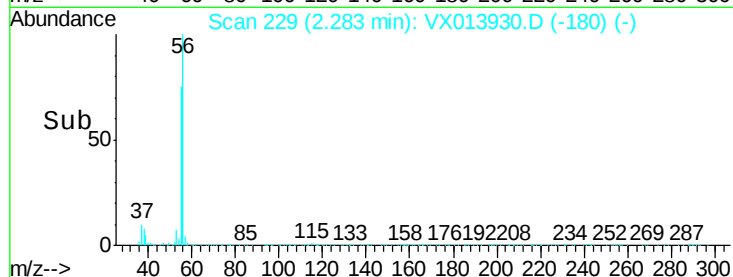
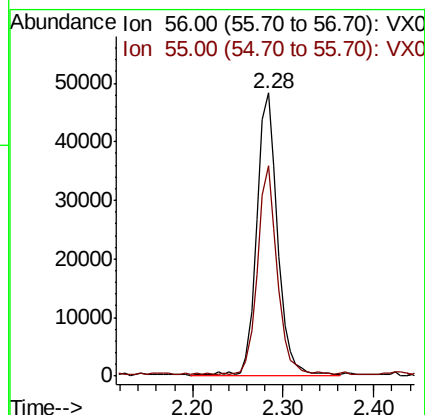
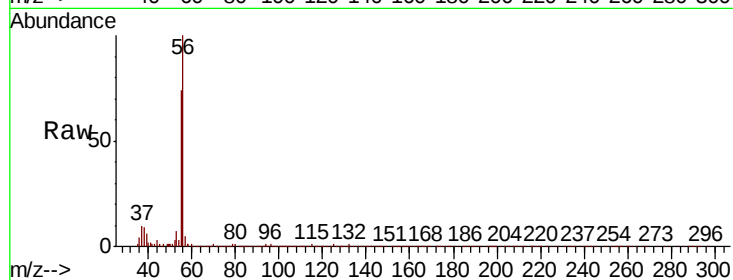
VX1210WBSD02

Tot Ion: 56 Resp: 77906

Ion Ratio Lower Upper

56 100

55 68.9 56.2 84.4



#14

Allyl chloride

Concen: 19.477 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

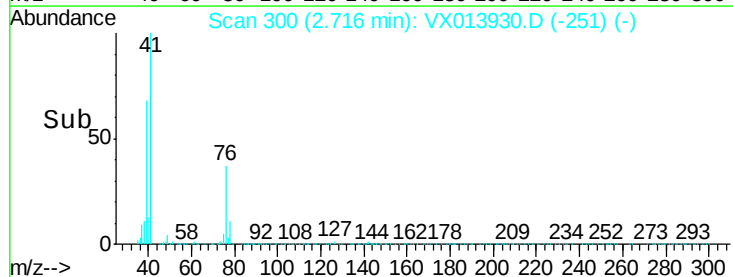
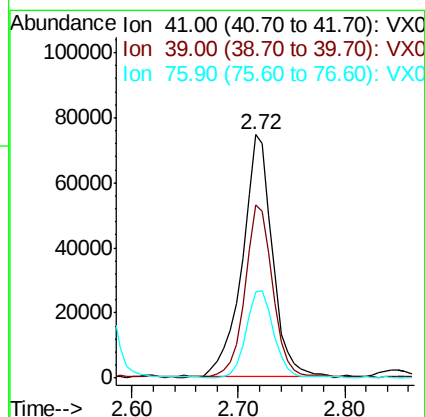
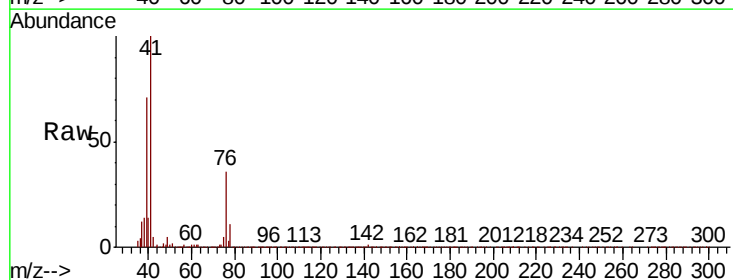
Tgt Ion: 41 Resp: 148433

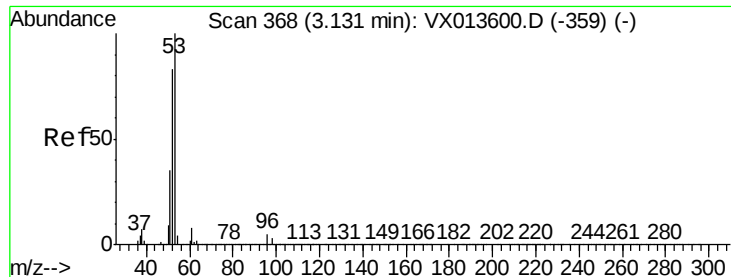
Ion Ratio Lower Upper

41 100

39 66.1 51.7 77.5

76 32.9 25.9 38.9





#15

Acrylonitrile

Concen: 116.300 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

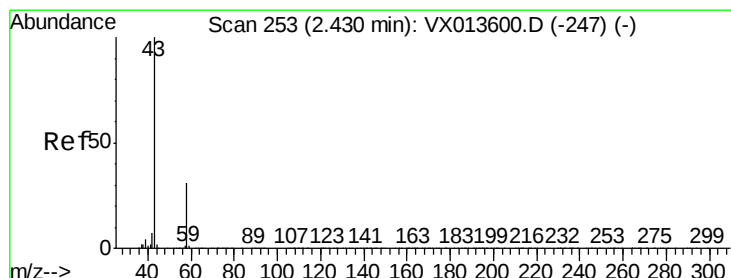
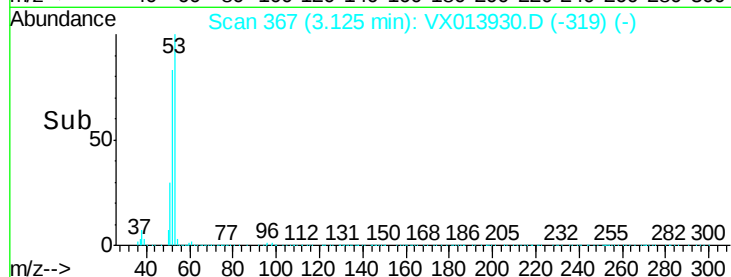
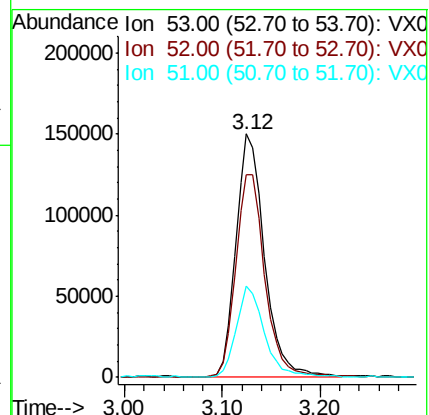
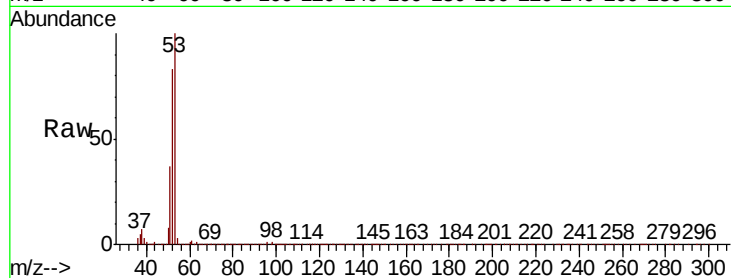
Tot Ion: 53 Resp: 303519

Ion Ratio Lower Upper

53 100

52 85.2 66.2 99.2

51 36.6 29.0 43.6



#16

Acetone

Concen: 106.114 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013930.D

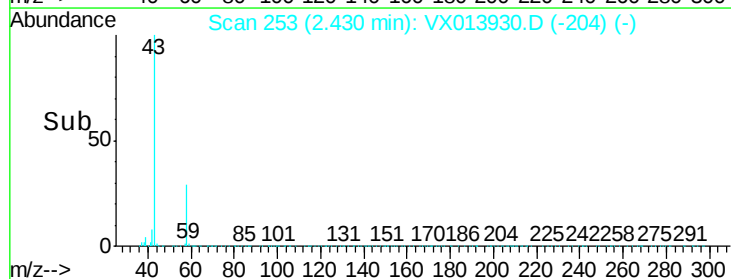
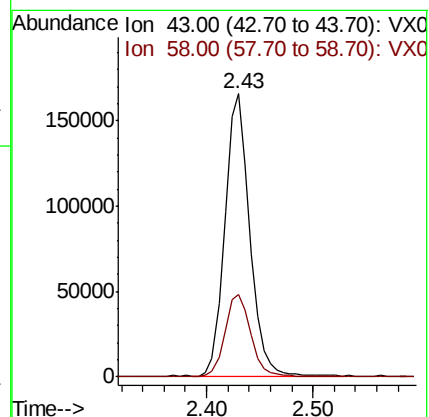
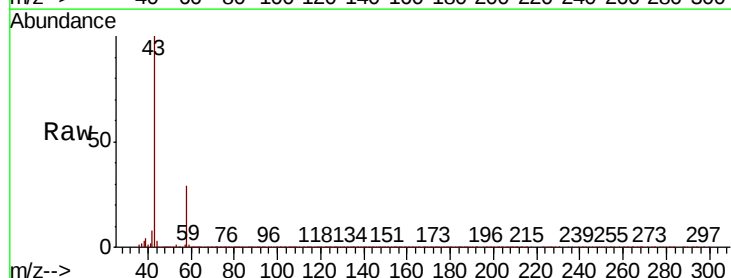
Acq: 11 Dec 2019 05:38

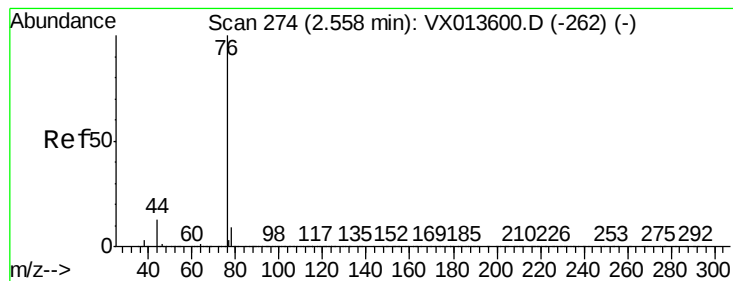
Tgt Ion: 43 Resp: 268353

Ion Ratio Lower Upper

43 100

58 29.0 24.6 36.8





#17

Carbon Disulfide

Concen: 15.267 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

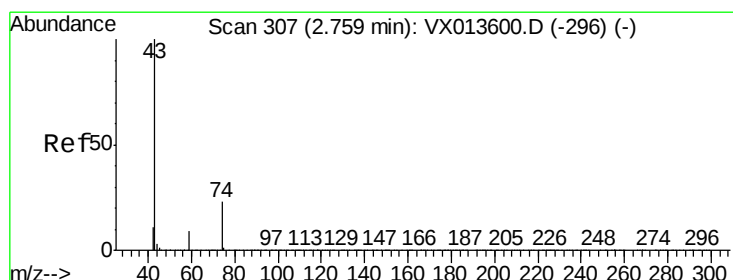
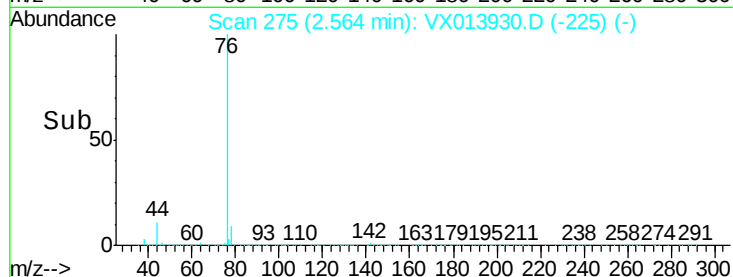
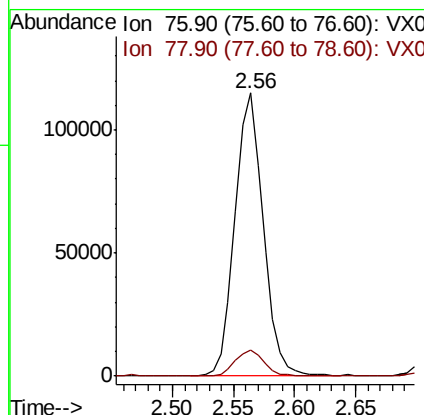
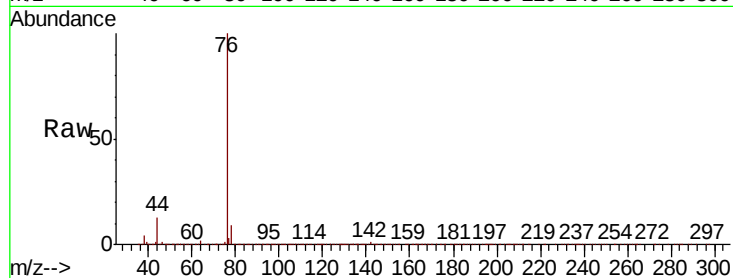
VX1210WBSD02

Tot Ion: 76 Resp: 182768

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 25.275 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013930.D

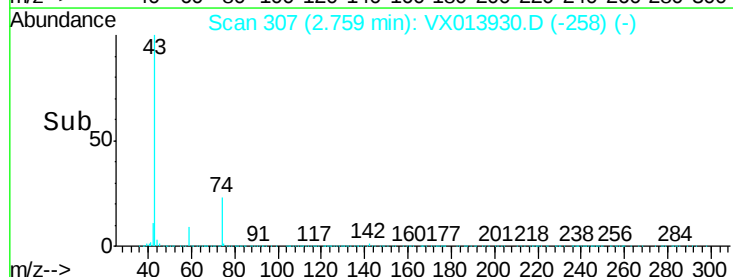
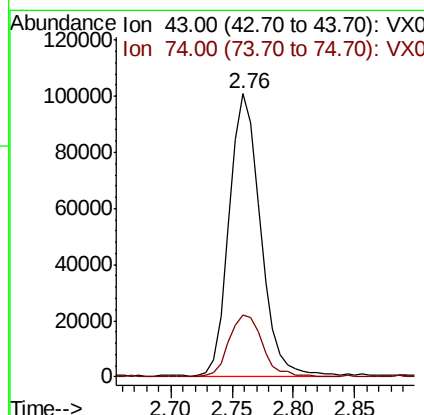
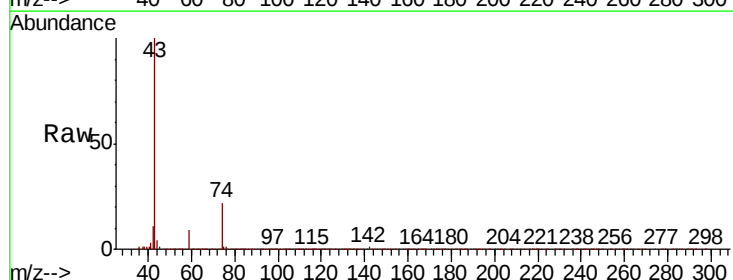
Acq: 11 Dec 2019 05:38

Tgt Ion: 43 Resp: 177990

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3



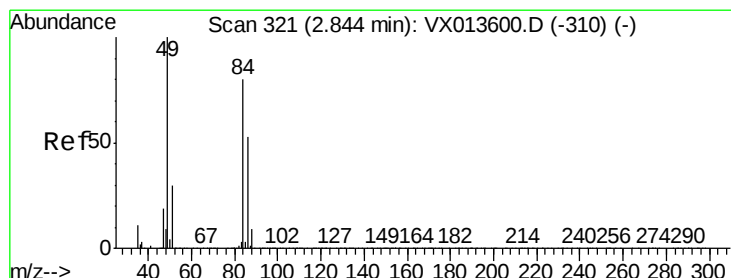
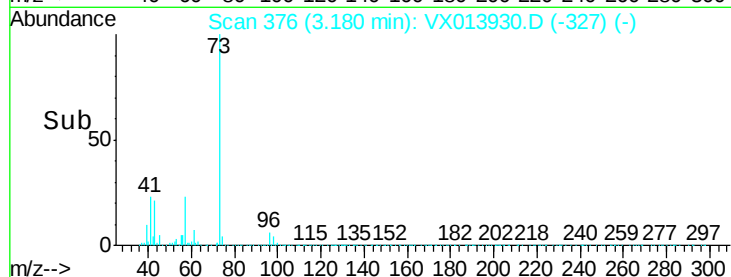
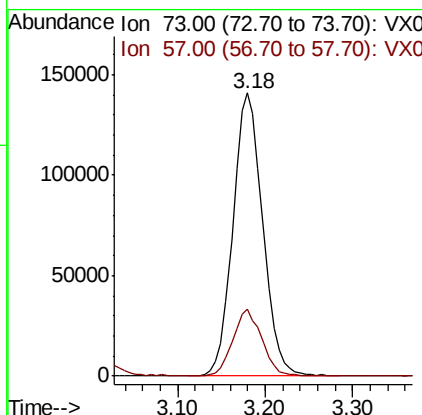
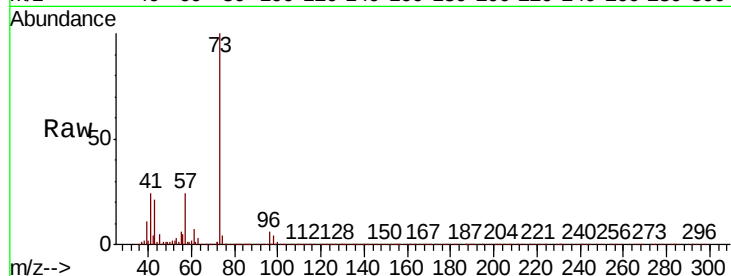


#19

Methyl tert-butyl Ether
Concen: 23.877 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

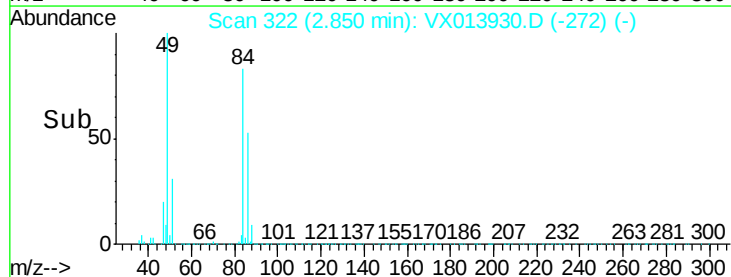
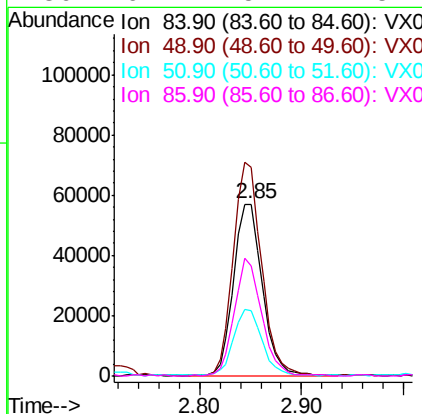
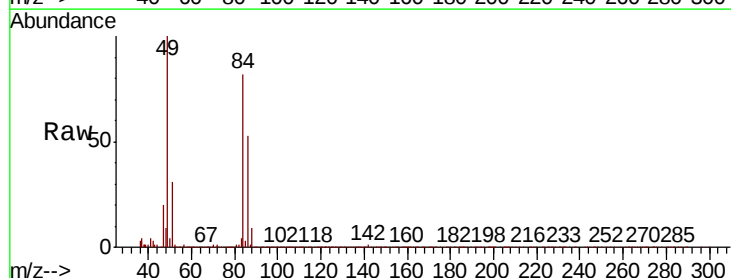
Tot Ion: 73 Resp: 332181
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5

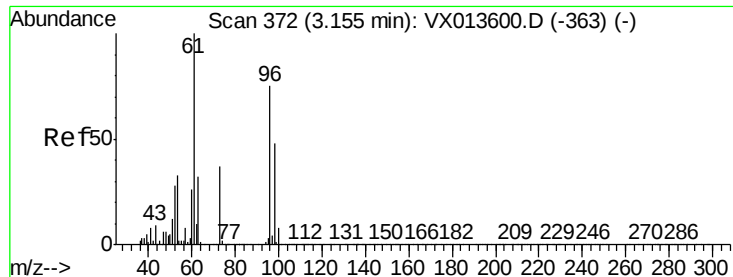


#20

Methylene Chloride
Concen: 22.735 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 84 Resp: 110455
Ion Ratio Lower Upper
84 100
49 121.6 99.7 149.5
51 37.3 29.9 44.9
86 64.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.393 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

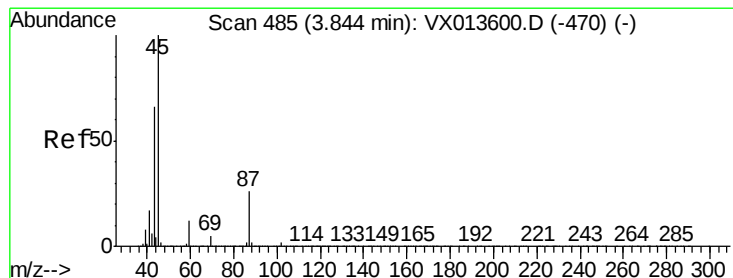
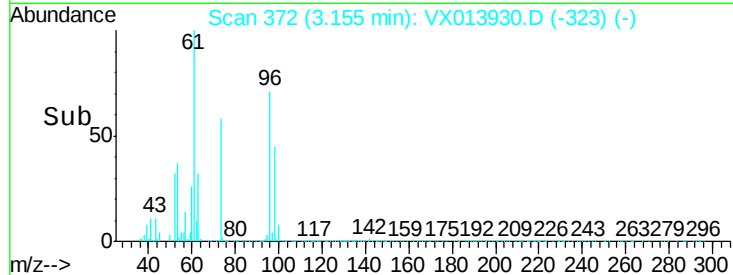
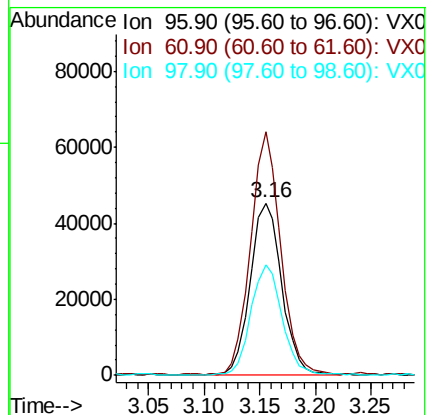
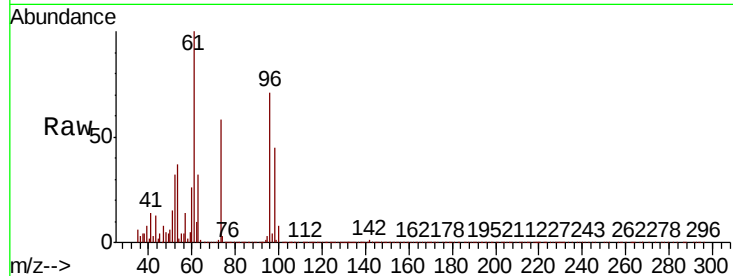
Tot Ion: 96 Resp: 88720

Ion Ratio Lower Upper

96 100

61 141.1 107.2 160.8

98 63.9 51.4 77.0



#22

Diisopropyl ether

Concen: 24.078 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Tgt Ion: 45 Resp: 353336

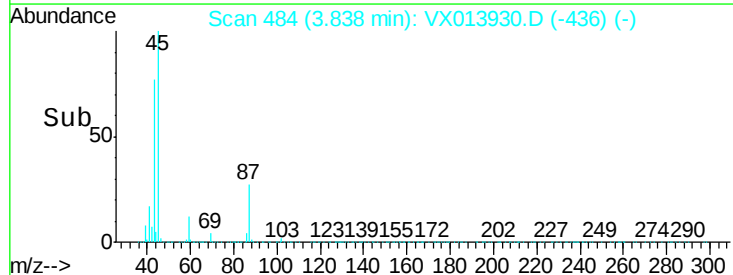
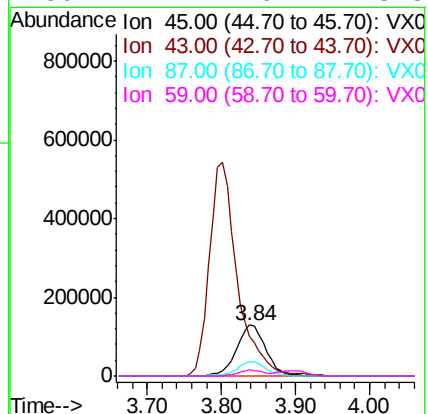
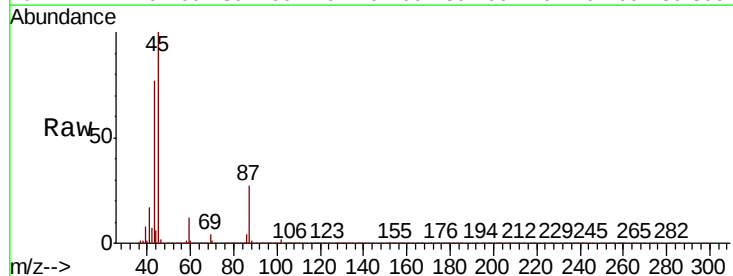
Ion Ratio Lower Upper

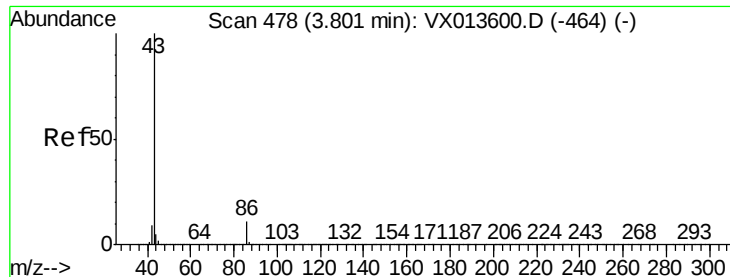
45 100

43 76.6 52.6 79.0

87 26.5 21.1 31.7

59 11.7 9.2 13.8

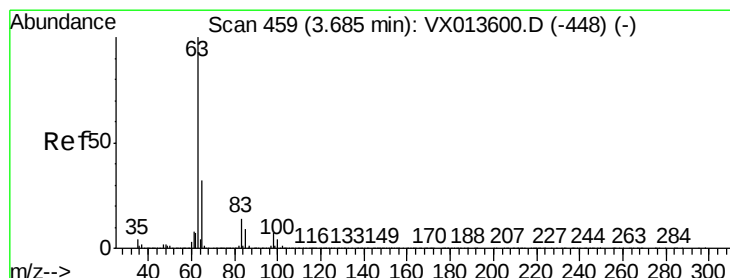
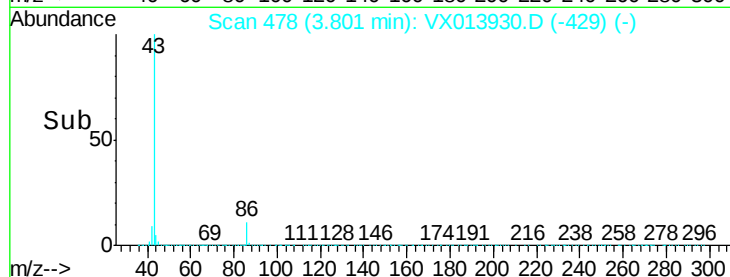
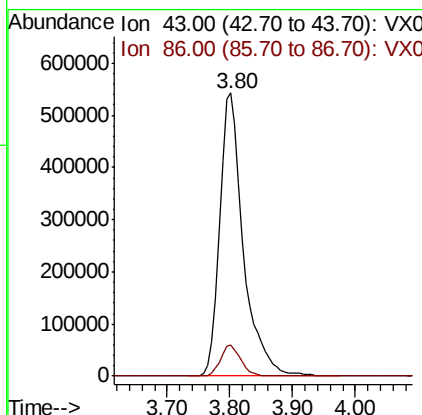
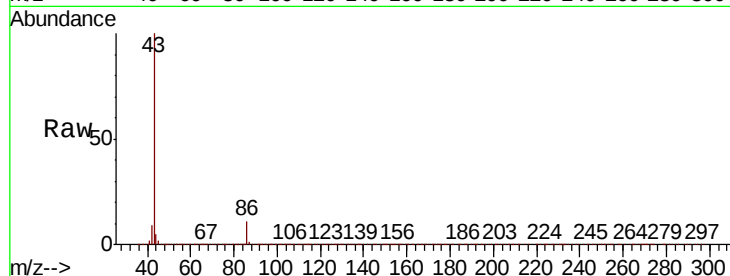




#23
 Vinyl Acetate
 Concen: 115.608 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

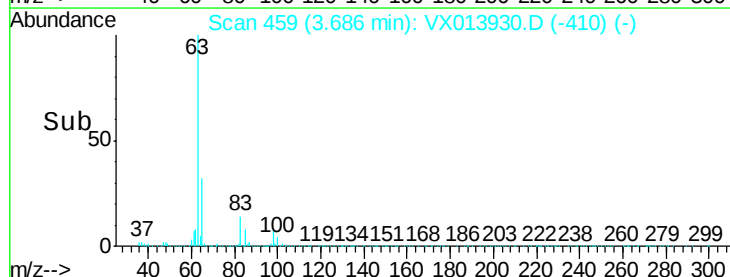
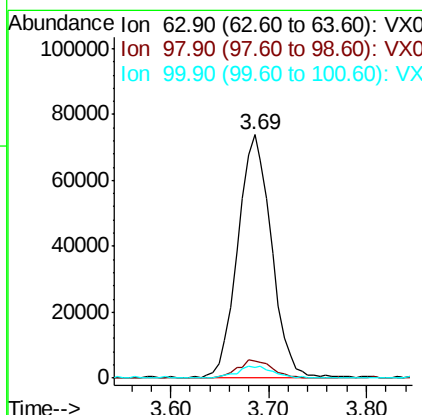
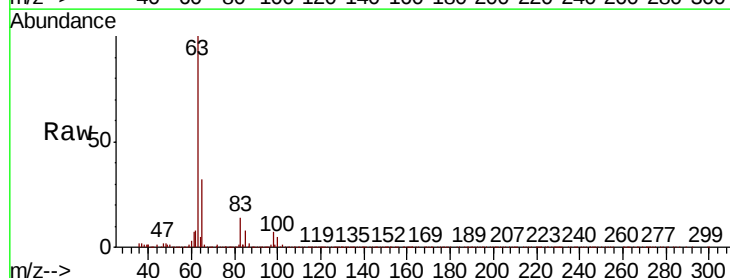
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

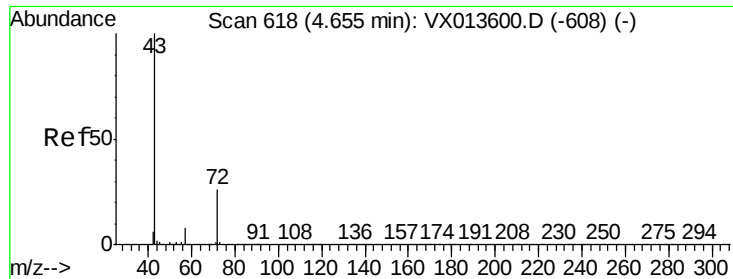
Tot Ion: 43 Resp: 1411306
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 22.054 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

Tgt Ion: 63 Resp: 176920
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.4 2.1 6.3

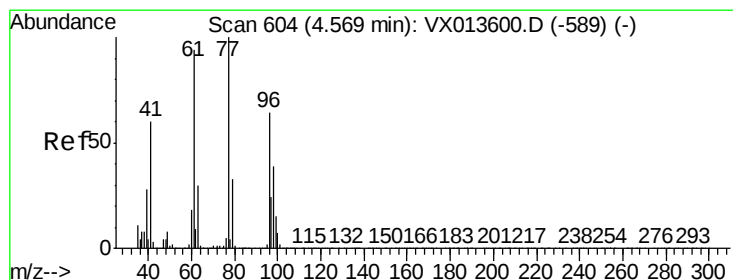
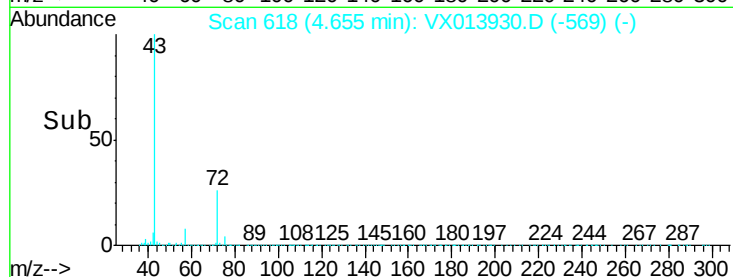
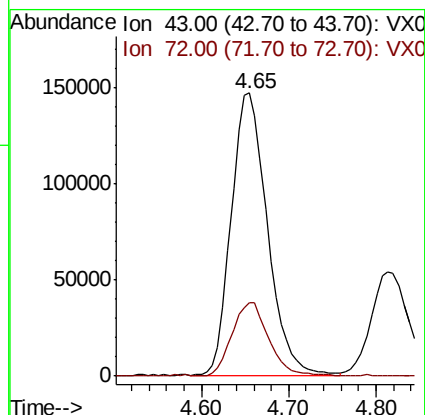
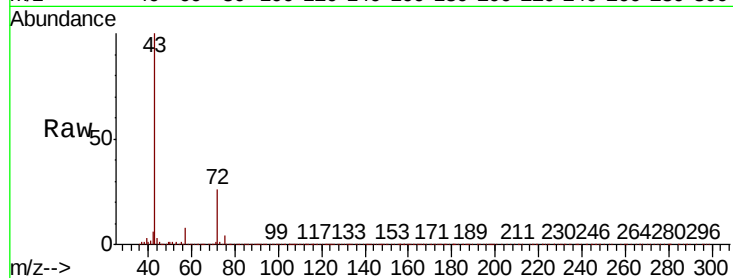




#25
2-Butanone
Concen: 112.095 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

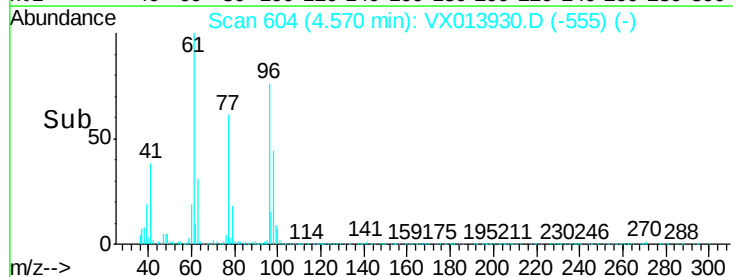
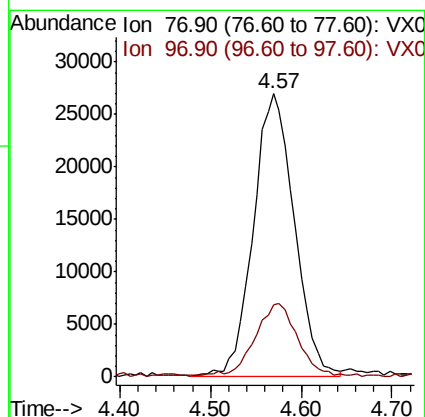
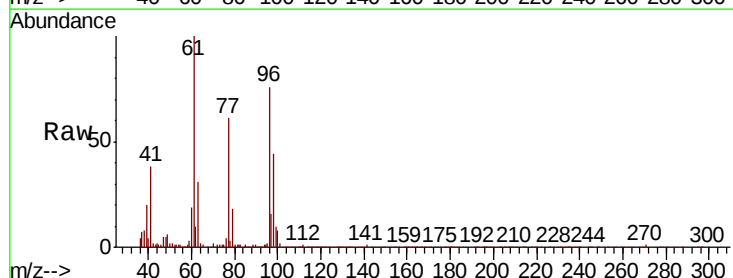
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

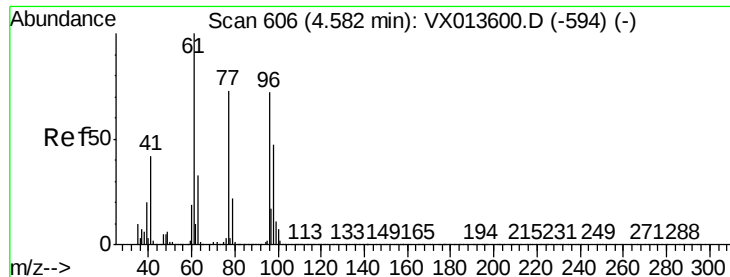
Tot Ion: 43 Resp: 421300
Ion Ratio Lower Upper
43 100
72 25.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 12.575 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 77 Resp: 83461
Ion Ratio Lower Upper
77 100
97 27.6 12.0 36.1



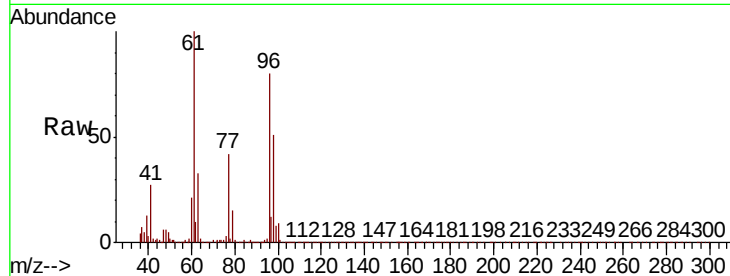


#27

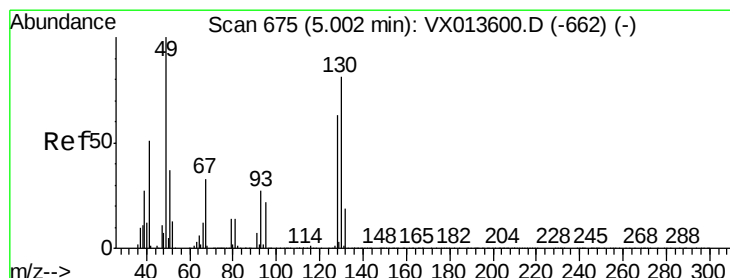
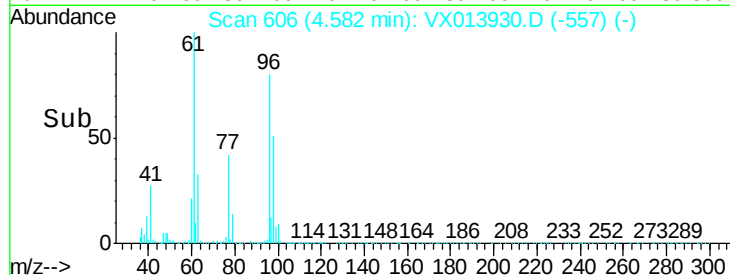
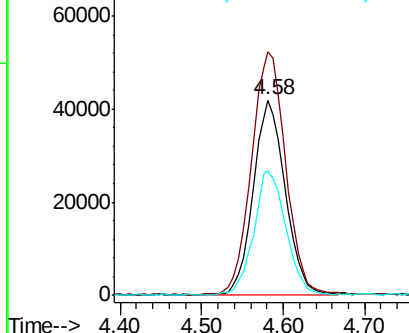
cis-1,2-Dichloroethene
Concen: 21.775 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	286.4
98	64.5	0.0	127.4



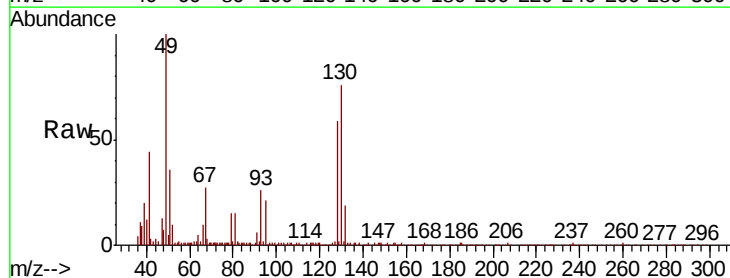
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



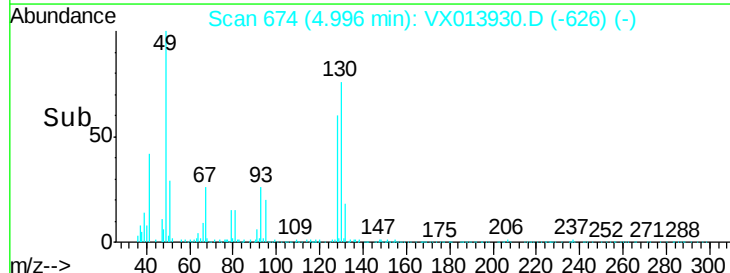
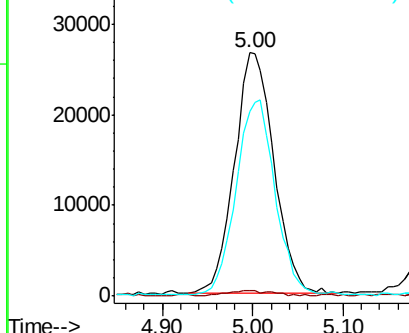
#28

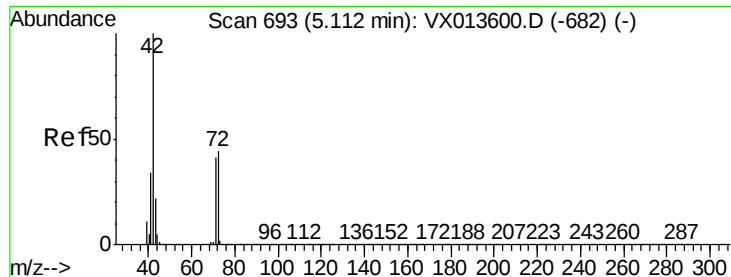
Bromochloromethane
Concen: 25.344 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	79.0	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 116.485 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

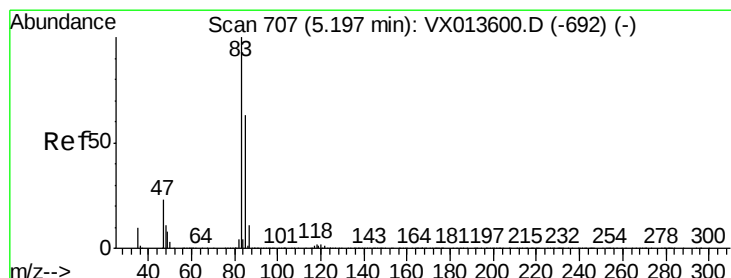
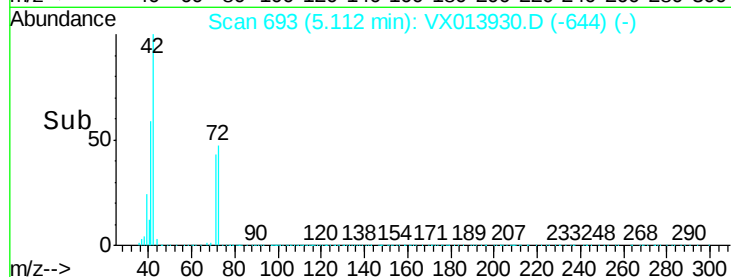
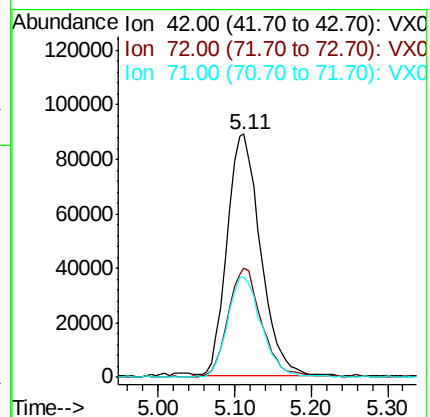
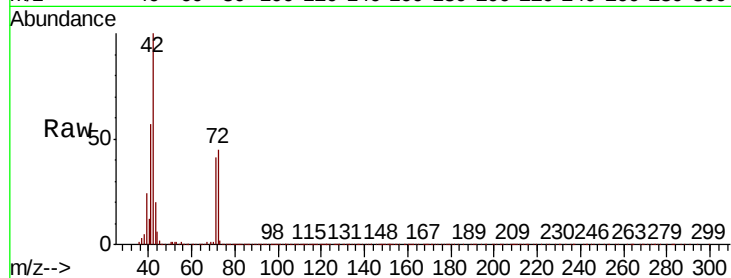
Tot Ion: 42 Resp: 269890

Ion Ratio Lower Upper

42 100

72 45.0 36.3 54.5

71 42.1 33.2 49.8



#30

Chloroform

Concen: 21.881 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013930.D

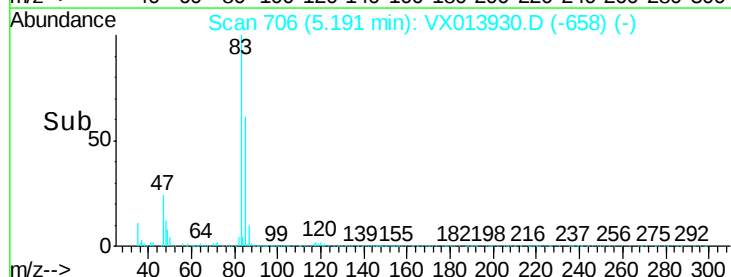
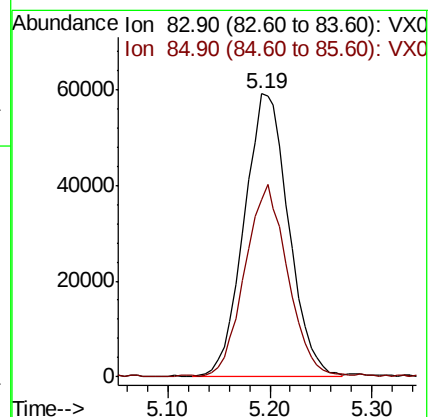
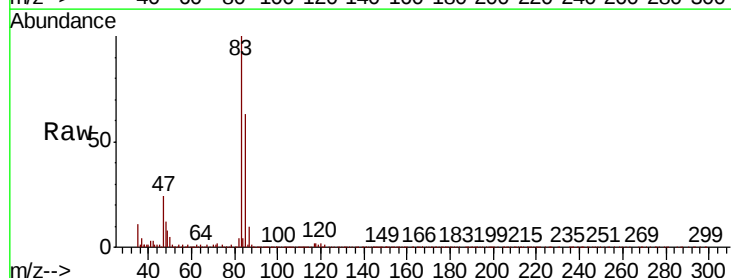
Acq: 11 Dec 2019 05:38

Tgt Ion: 83 Resp: 178019

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.4

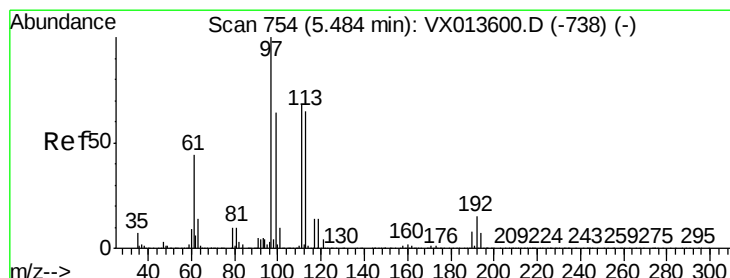
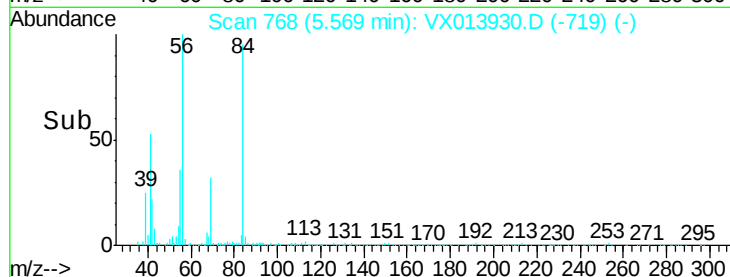
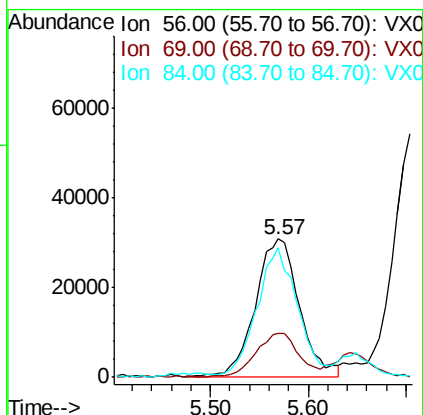
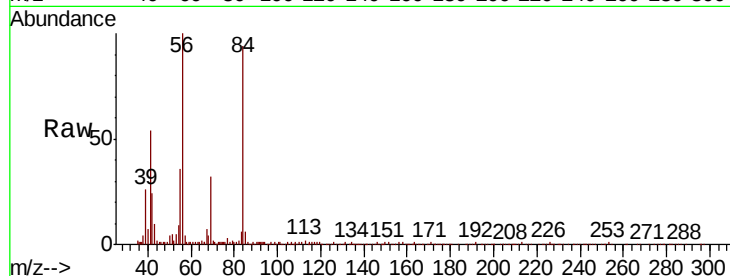




#31
Cyclohexane
Concen: 12.544 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

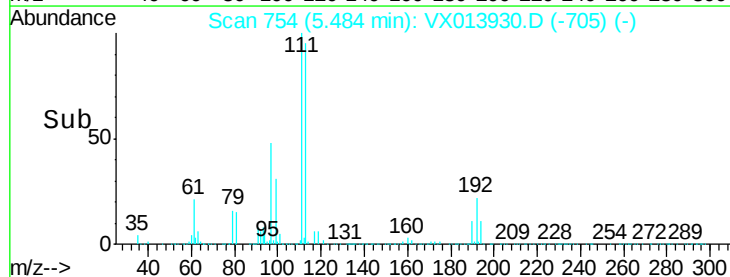
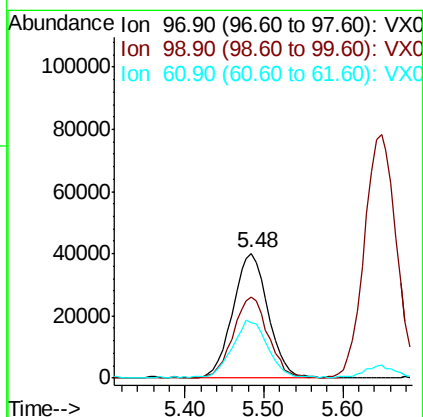
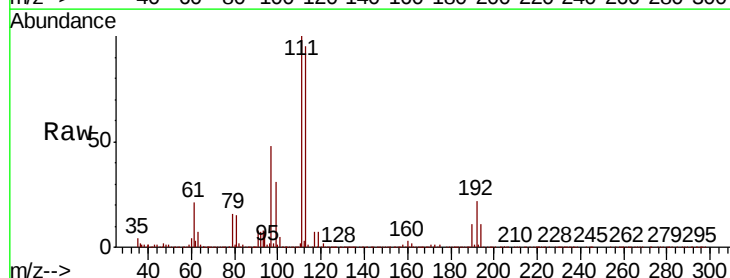
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

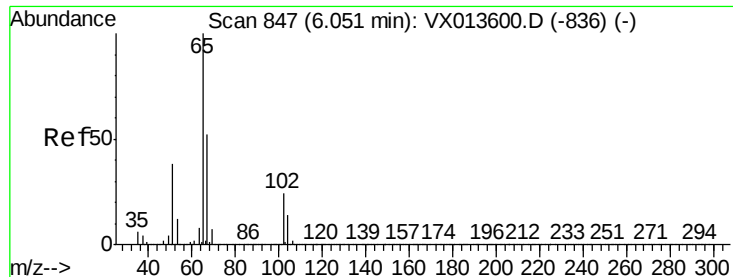
Tot Ion: 56 Resp: 94915
Ion Ratio Lower Upper
56 100
69 31.4 24.6 36.8
84 92.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.118 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 97 Resp: 123178
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 46.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 56.413 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

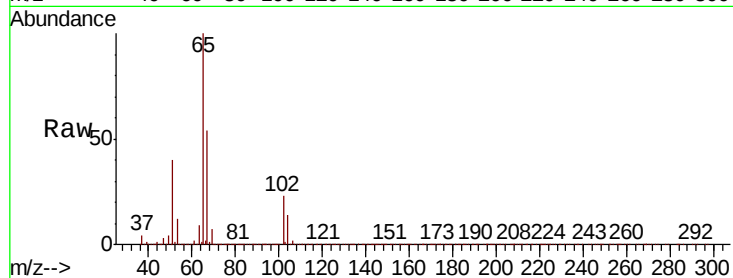
VX1210WBSD02

Tot Ion: 65 Resp: 288961

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

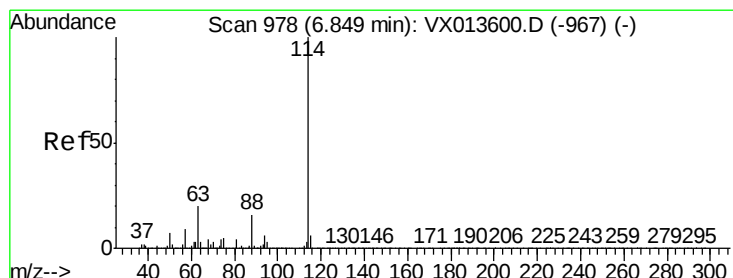
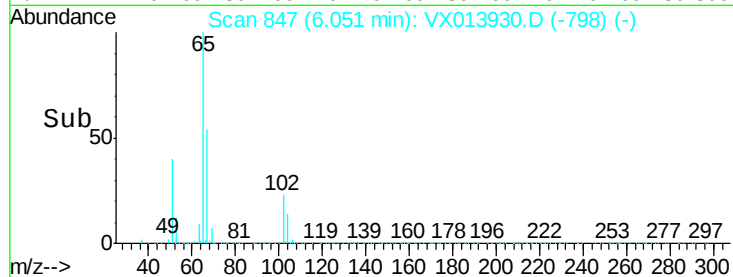
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

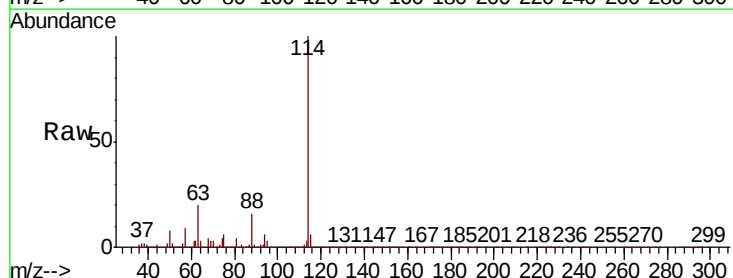
Tgt Ion: 114 Resp: 763933

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

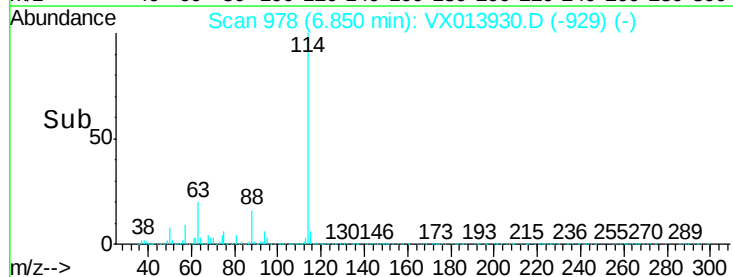
300000

200000

100000

0

Time--> 6.70 6.80 6.90 7.00

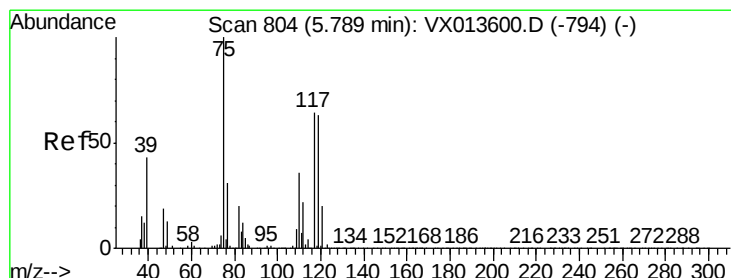
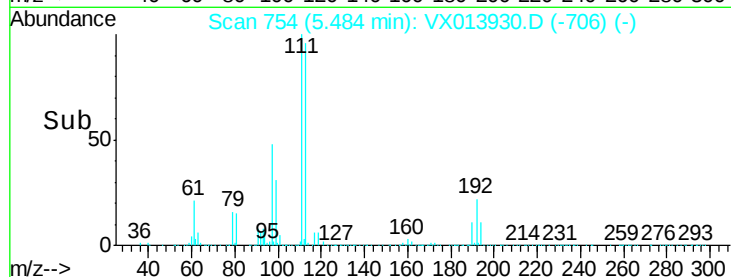
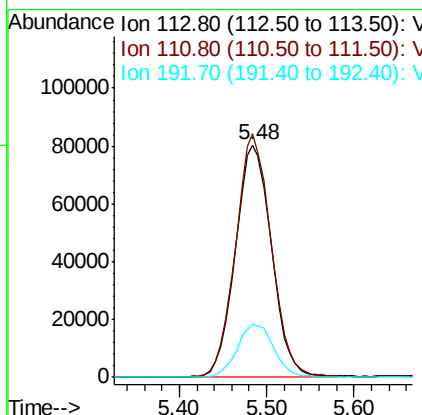
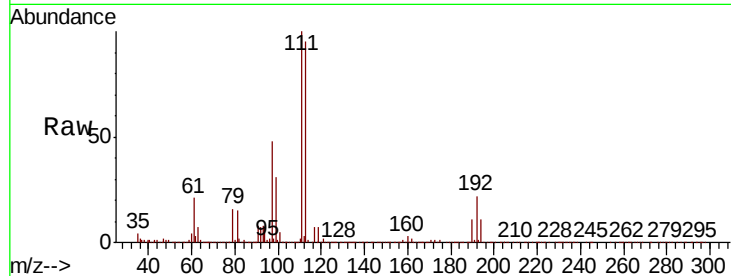




#35
 Dibromofluoromethane
 Concen: 49.054 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

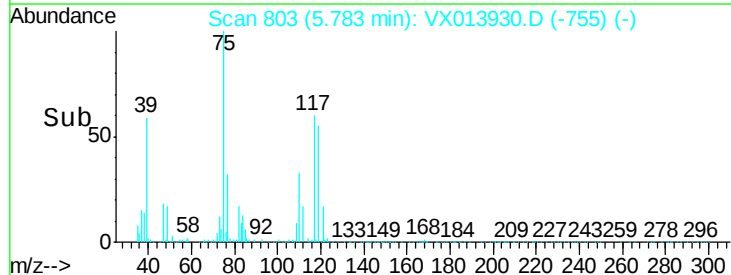
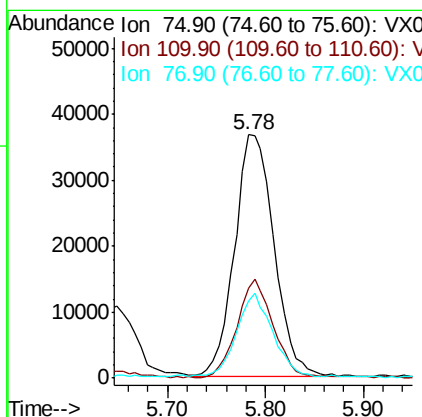
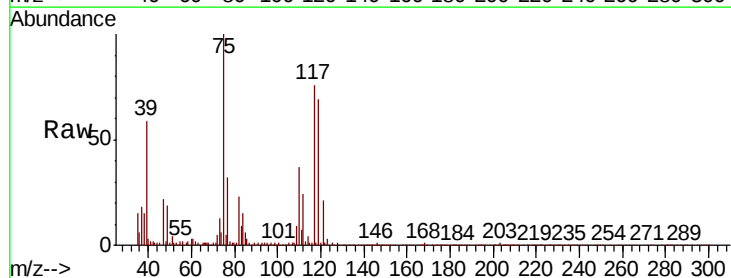
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

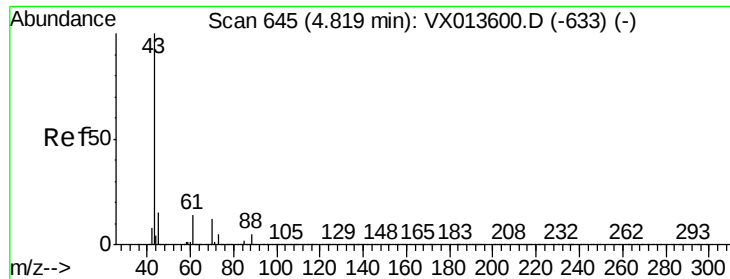
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.6	125.4
192	22.9	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 14.766 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.1	54.1
77	31.5	24.5	36.7

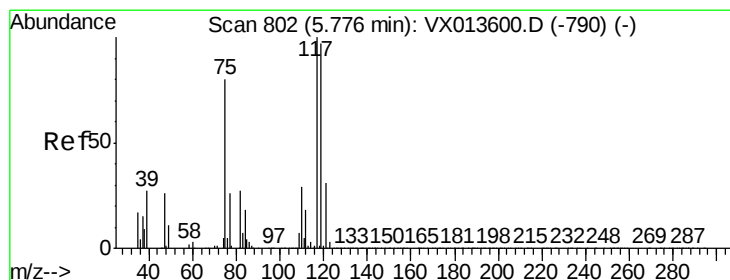
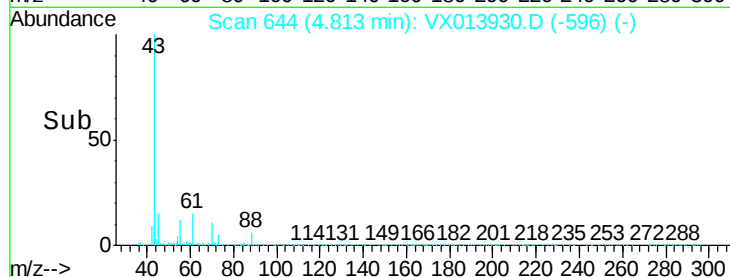
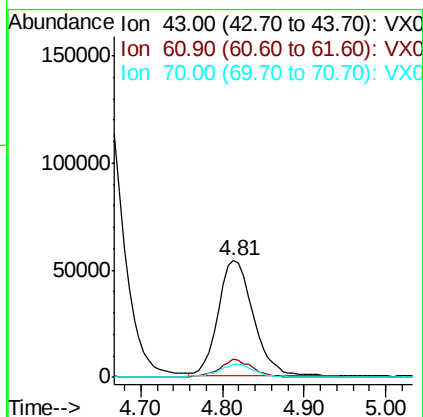
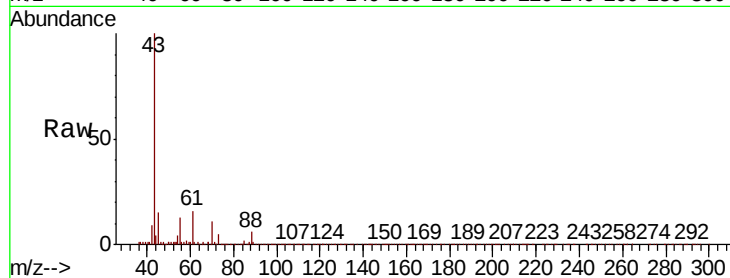




#37
Ethyl Acetate
Concen: 20.836 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

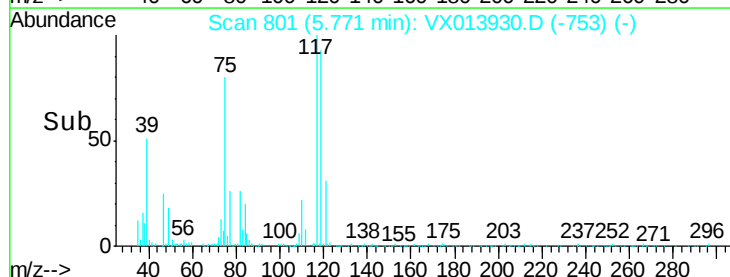
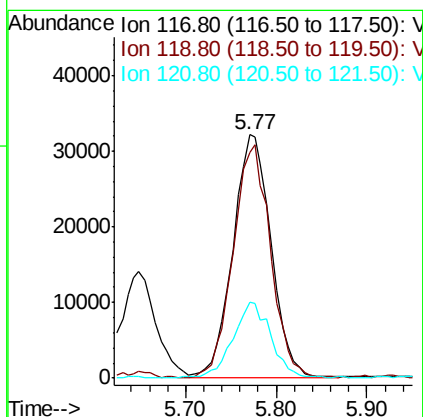
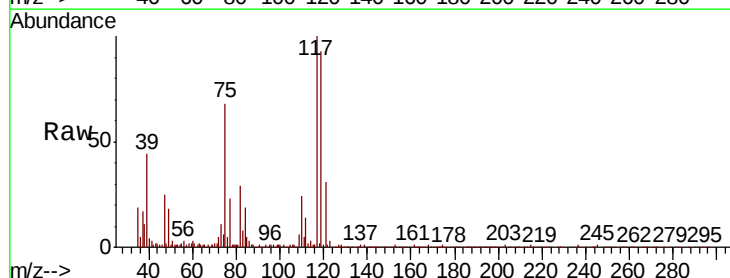
Instrument :
MSVOA_X
ClientSampleID :
VX1210WBSD02

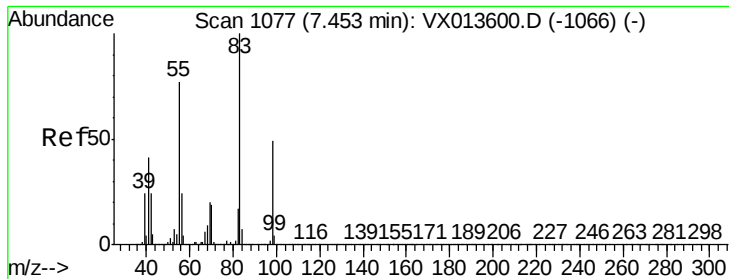
Tot Ion: 43 Resp: 162096
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 14.768 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 117 Resp: 94430
Ion Ratio Lower Upper
117 100
119 92.4 77.5 116.3
121 30.5 25.0 37.6

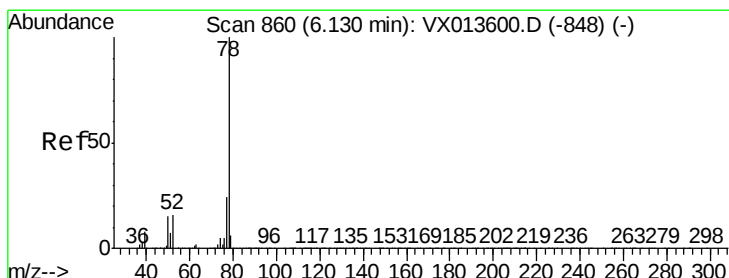
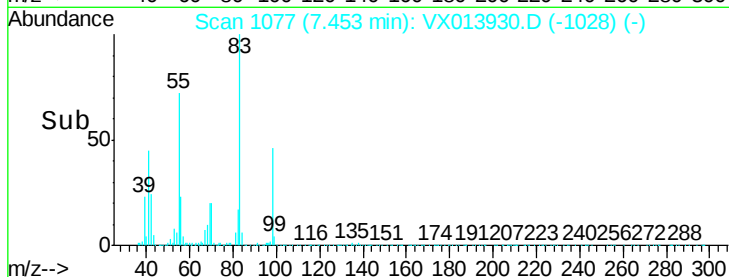
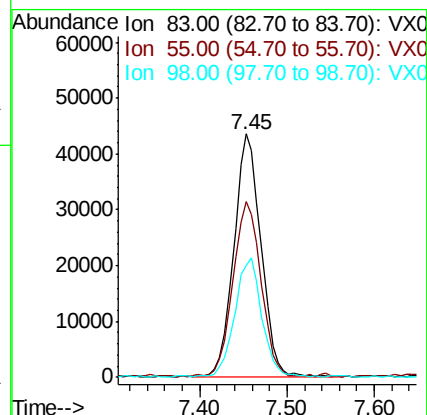
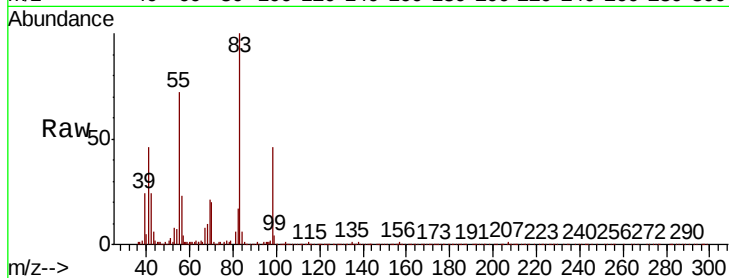




#39
Methvlcvclohexane
Concen: 11.045 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

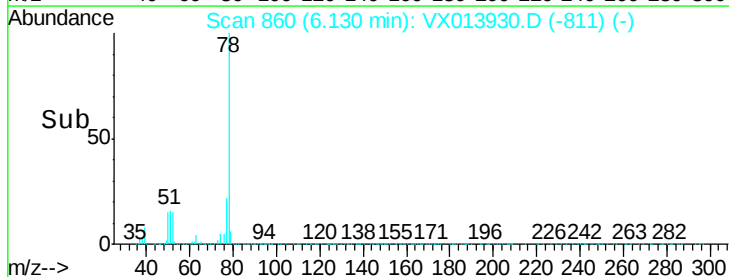
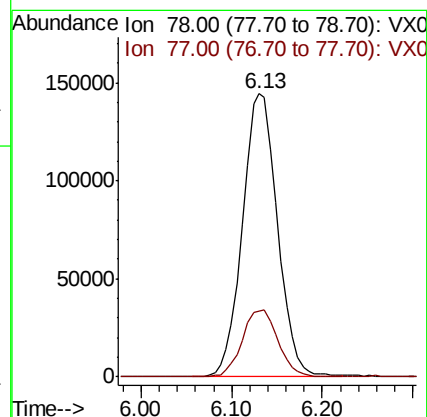
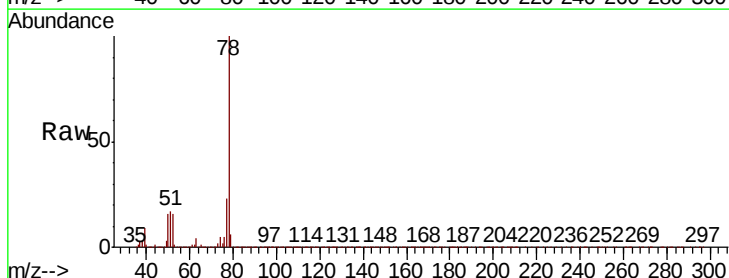
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

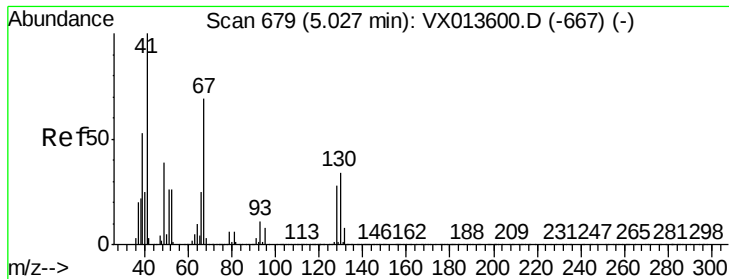
Tot Ion	83	Resp	94676
Ion Ratio	Lower	Upper	
83	100		
55	71.7	61.9	92.9
98	45.7	39.4	59.0



#40
Benzene
Concen: 18.189 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion	78	Resp	384162
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.4

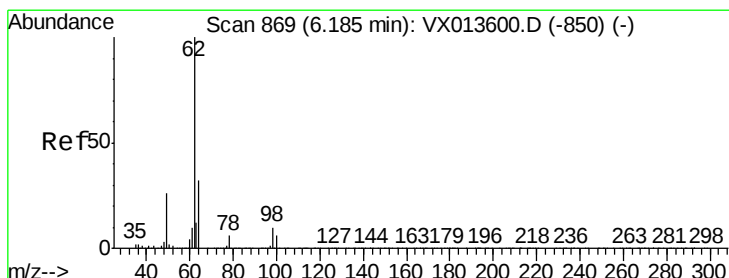
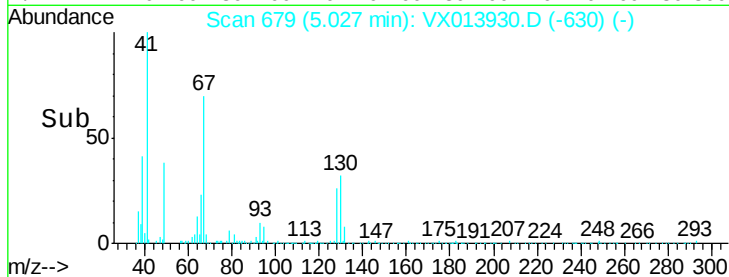
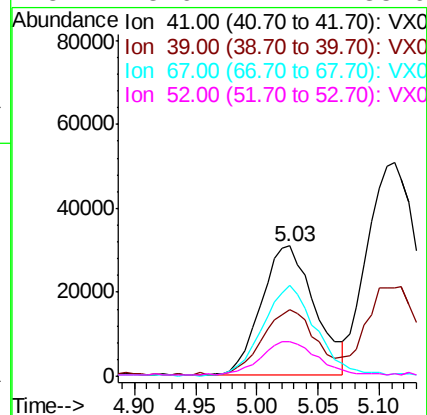
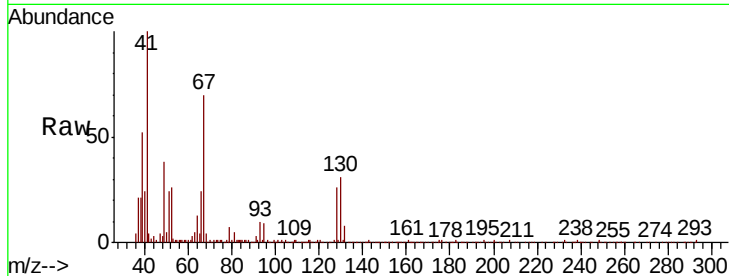




#41
Methacrylonitrile
Concen: 21.934 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

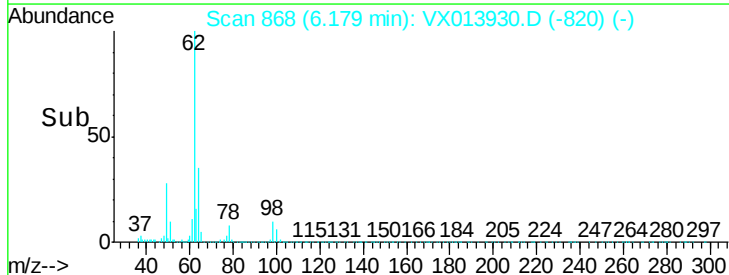
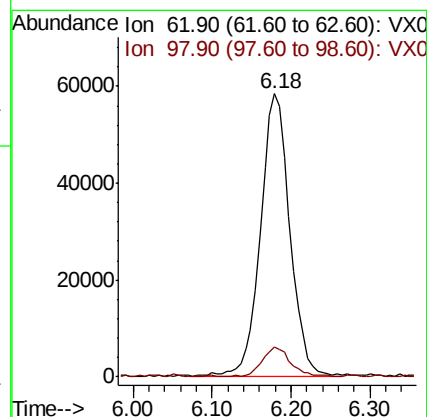
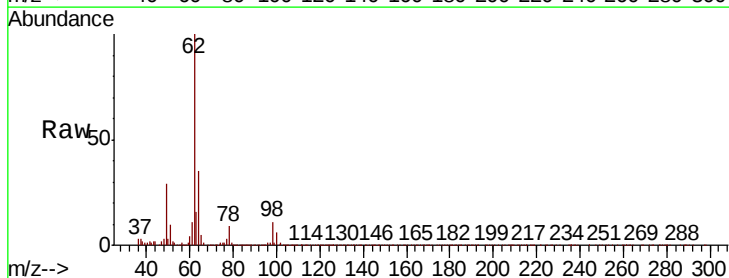
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

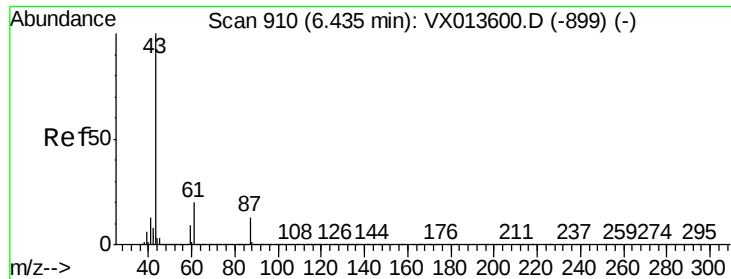
Tot Ion:	41	Resp:	93582
Ion	Ratio	Lower	Upper
41	100		
39	49.6	42.9	64.3
67	70.6	57.4	86.0
52	28.6	22.4	33.6



#42
1,2-Dichloroethane
Concen: 21.174 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion:	62	Resp:	152516
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.618 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

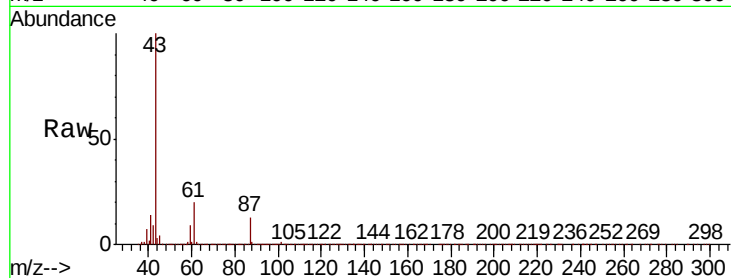
Tot Ion: 43 Resp: 264063

Ion Ratio Lower Upper

43 100

61 19.3 16.3 24.5

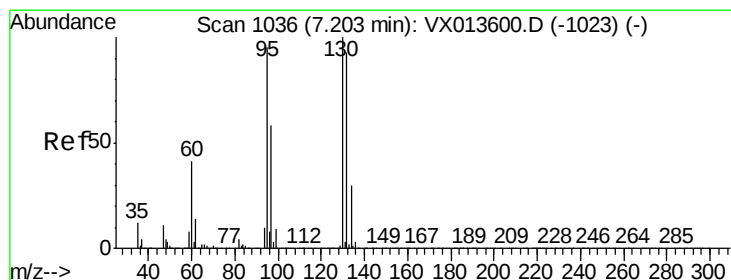
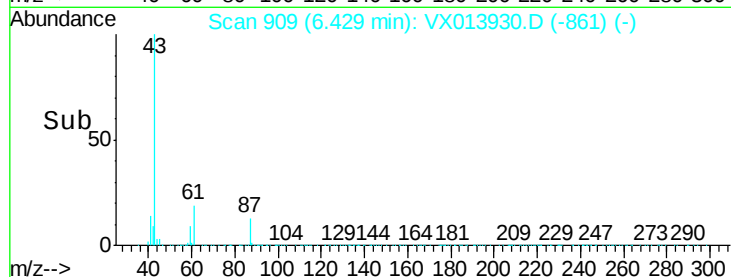
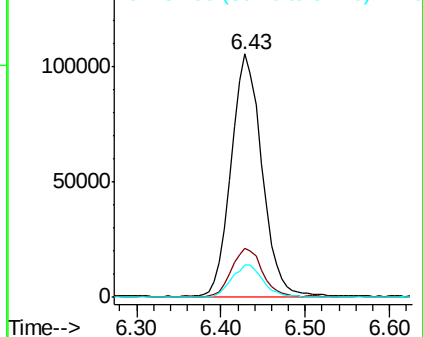
87 13.1 10.8 16.2



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: 17.032 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013930.D

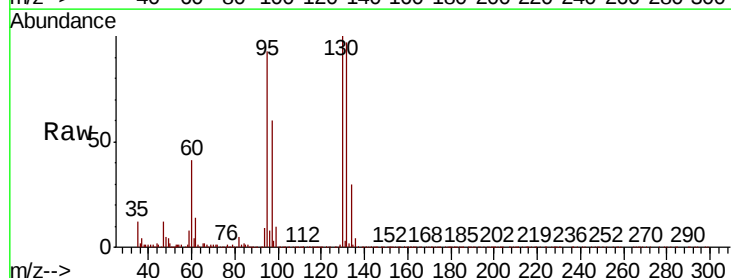
Acq: 11 Dec 2019 05:38

Tgt Ion:130 Resp: 98725

Ion Ratio Lower Upper

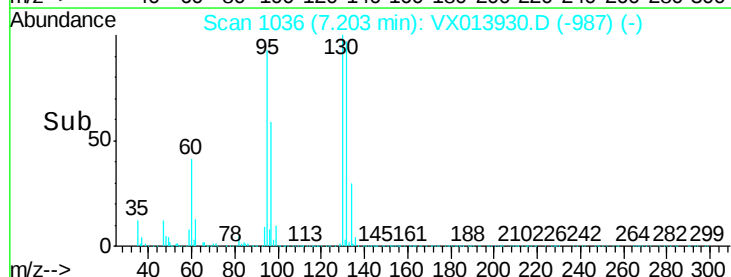
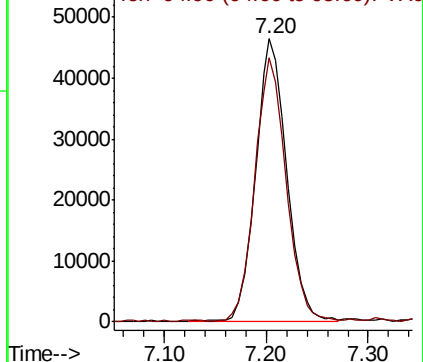
130 100

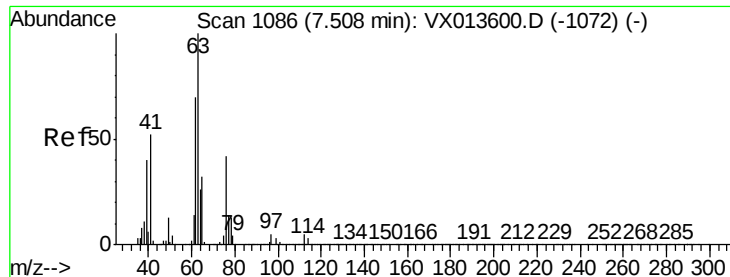
95 93.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.275 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

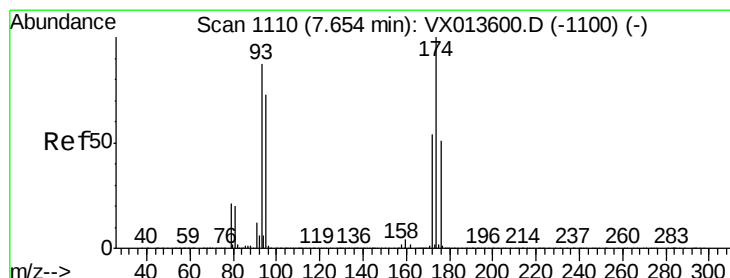
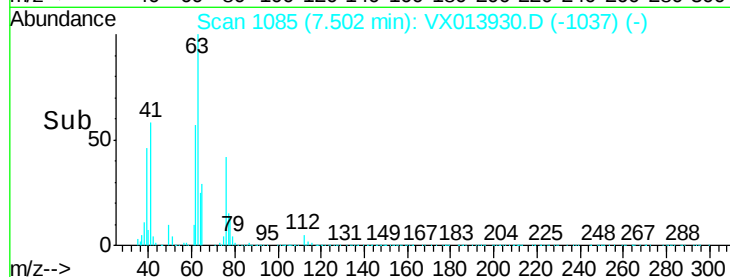
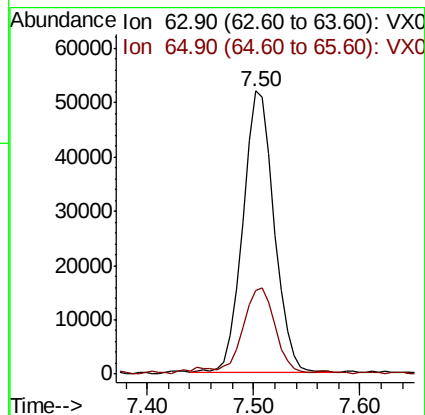
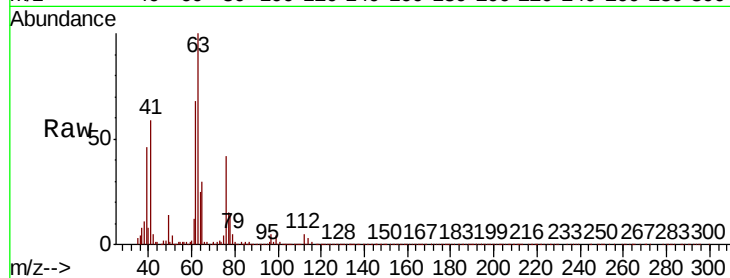
VX1210WBSD02

Tot Ion: 63 Resp: 107138

Ion Ratio Lower Upper

63 100

65 29.1 25.5 38.3



#46

Dibromomethane

Concen: 20.676 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

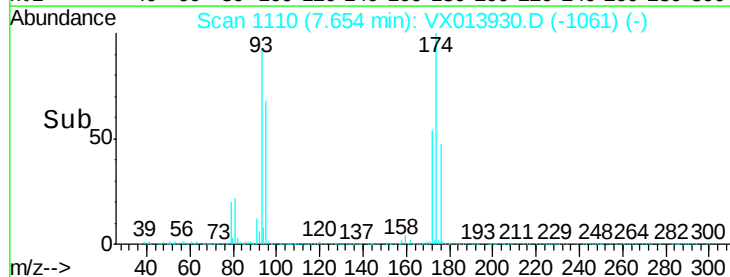
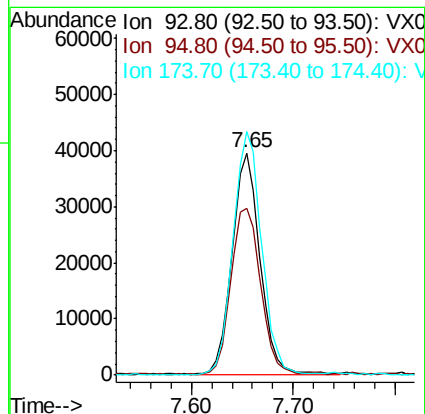
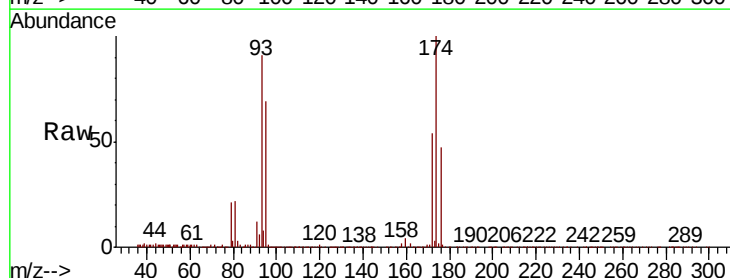
Tgt Ion: 93 Resp: 74207

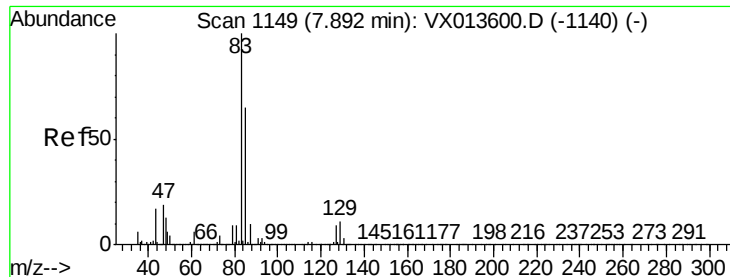
Ion Ratio Lower Upper

93 100

95 79.6 66.2 99.2

174 112.6 93.4 140.0





#47

Bromodichloromethane

Concen: 20.043 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

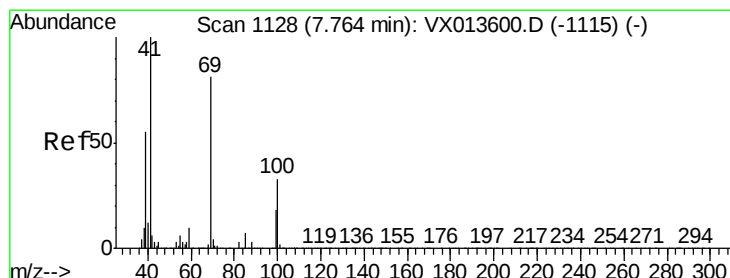
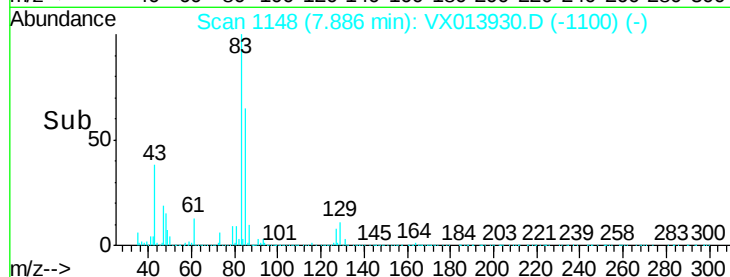
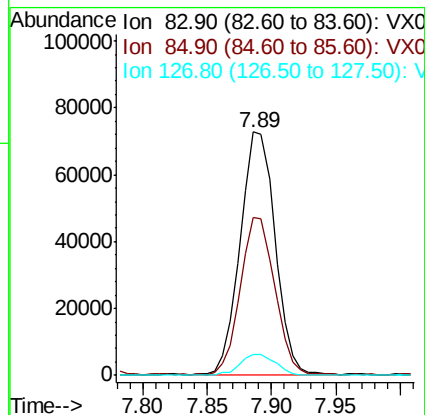
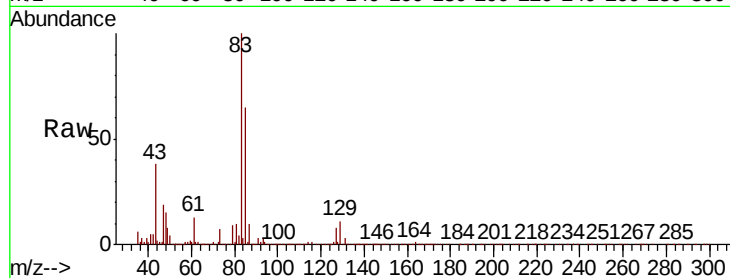
Tot Ion: 83 Resp: 135990

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

127 8.2 7.0 10.4



#48

Methyl methacrylate

Concen: 20.691 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

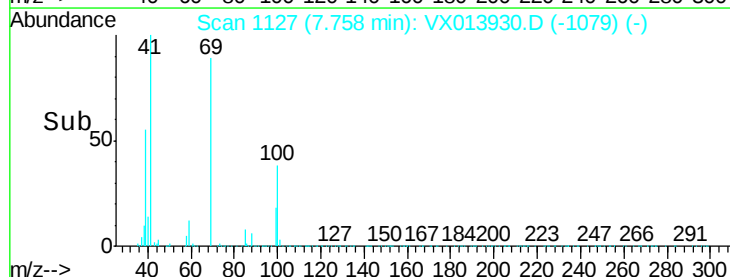
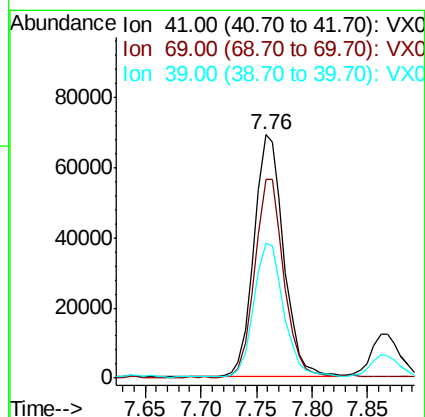
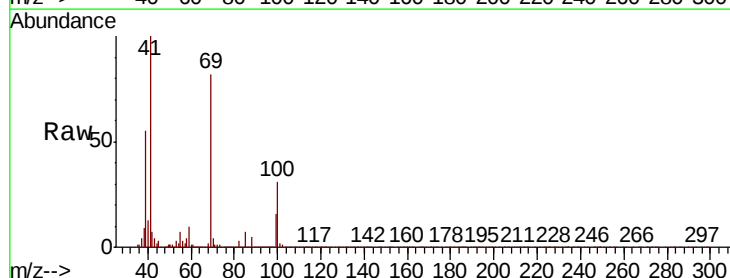
Tgt Ion: 41 Resp: 128756

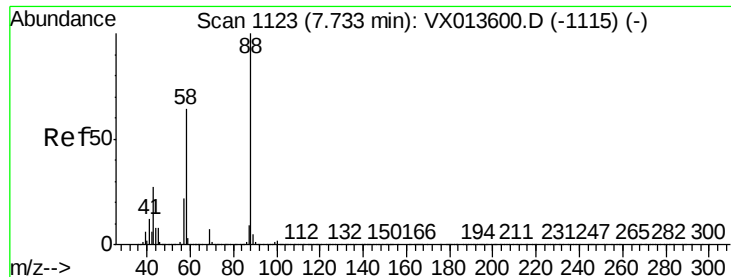
Ion Ratio Lower Upper

41 100

69 80.9 64.7 97.1

39 55.4 43.8 65.6





#49

1,4-Dioxane

Concen: 381.025 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

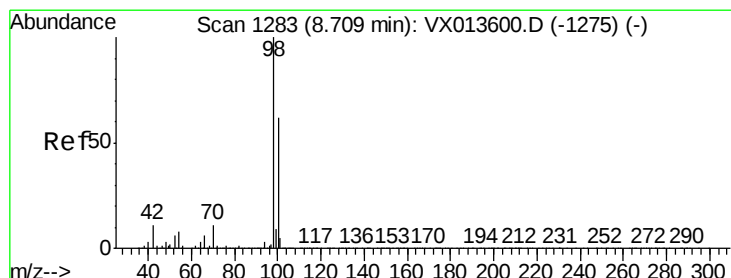
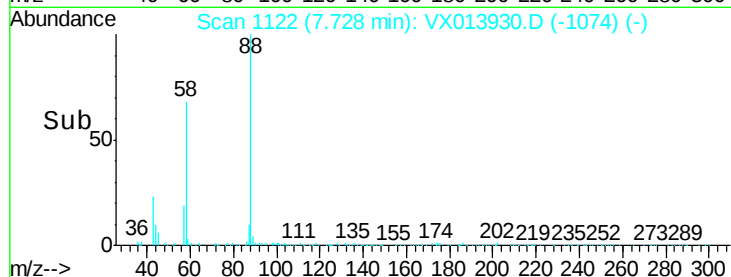
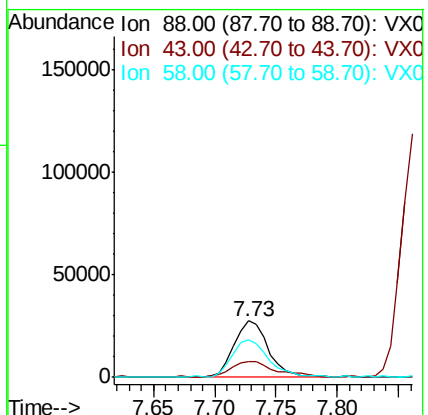
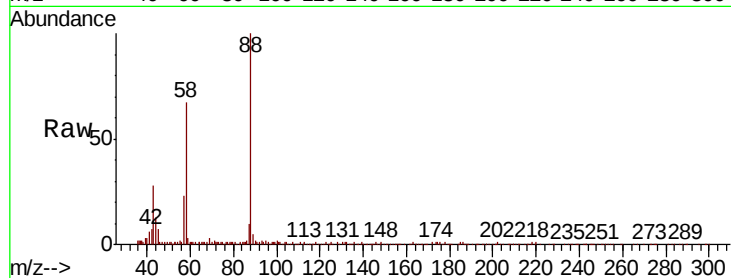
Tot Ion: 88 Resp: 53074

Ion Ratio Lower Upper

88 100

43 34.1 25.8 38.6

58 69.8 54.6 82.0



#50

Toluene-d8

Concen: 42.457 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013930.D

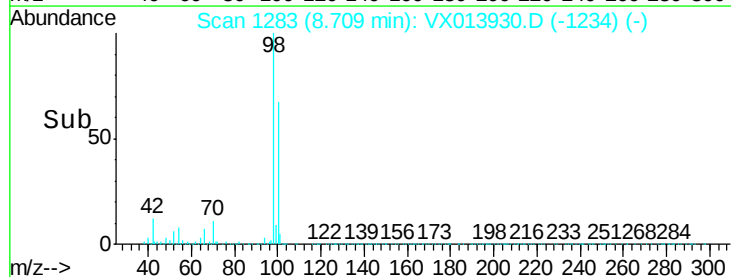
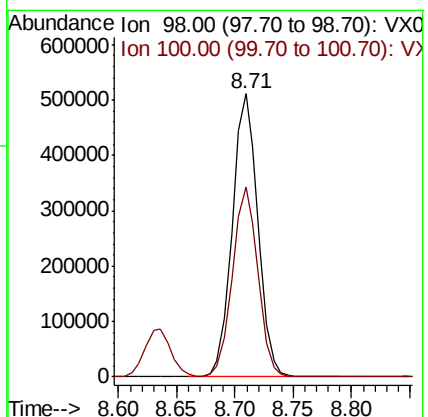
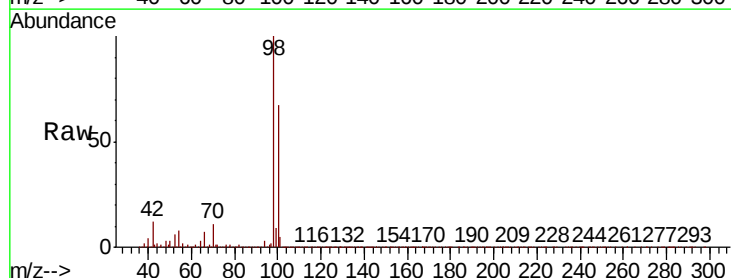
Acq: 11 Dec 2019 05:38

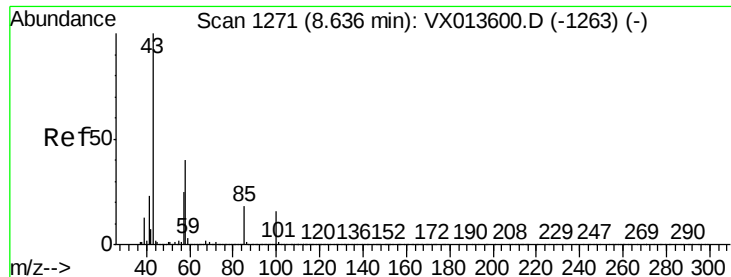
Tgt Ion: 98 Resp: 781225

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 104.065 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

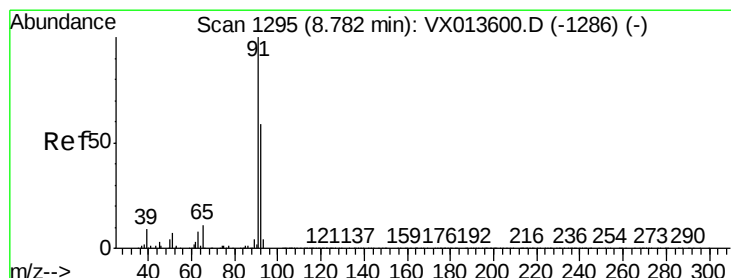
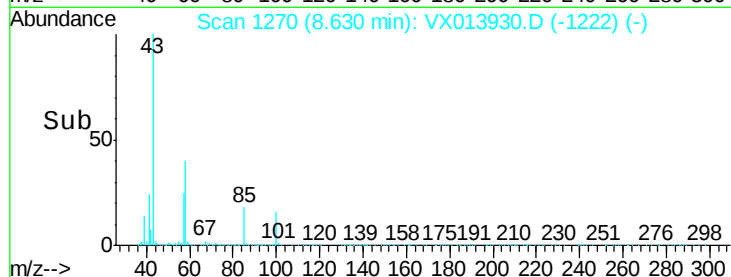
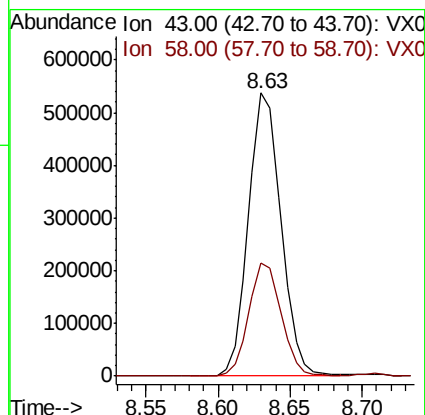
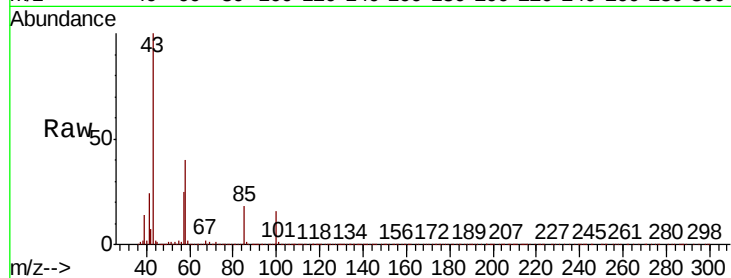
VX1210WBSD02

Tot Ion: 43 Resp: 838379

Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1



#52

Toluene

Concen: 17.852 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013930.D

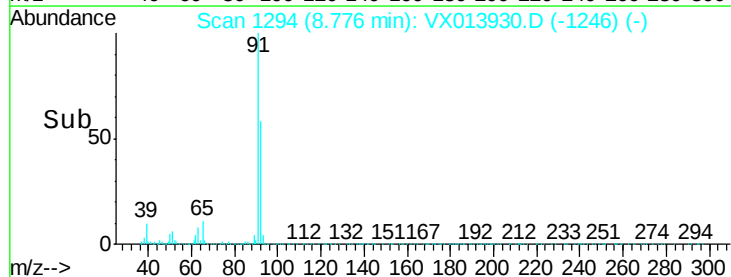
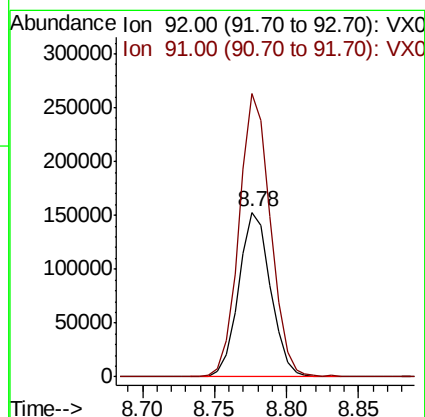
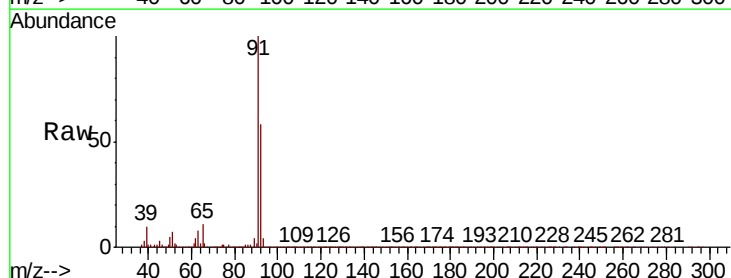
Acq: 11 Dec 2019 05:38

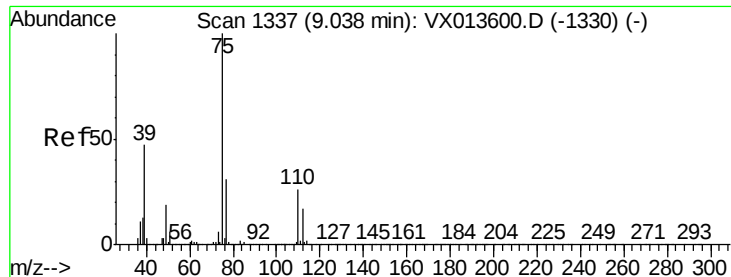
Tgt Ion: 92 Resp: 234235

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 18.225 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

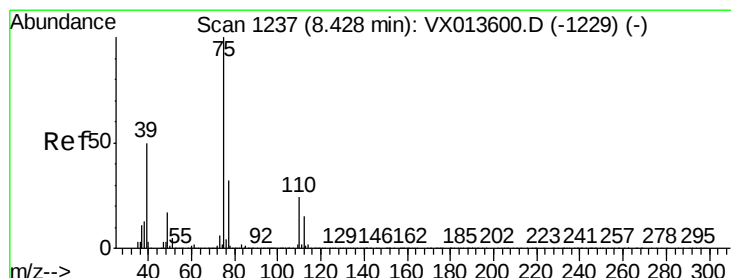
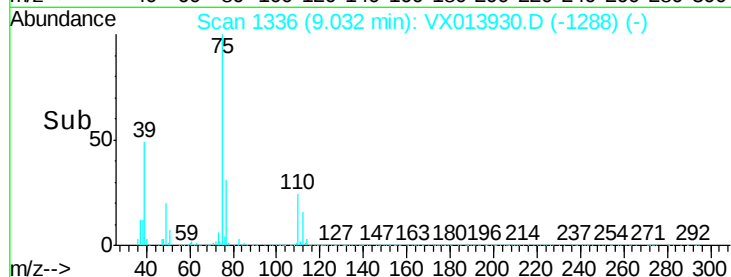
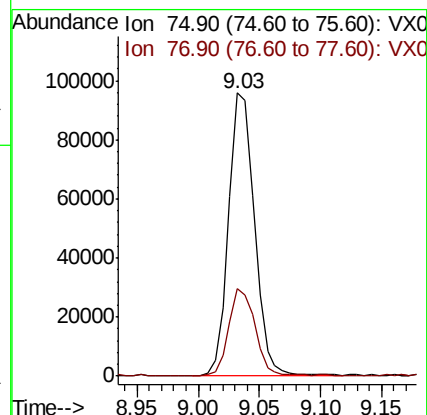
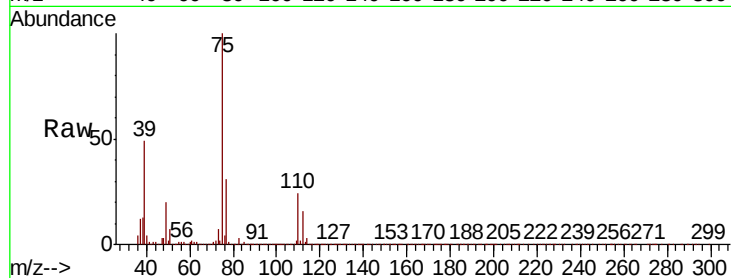
VX1210WBSD02

Tot Ion: 75 Resp: 140743

Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 18.513 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

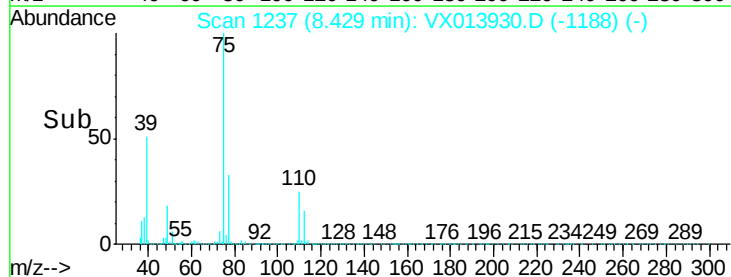
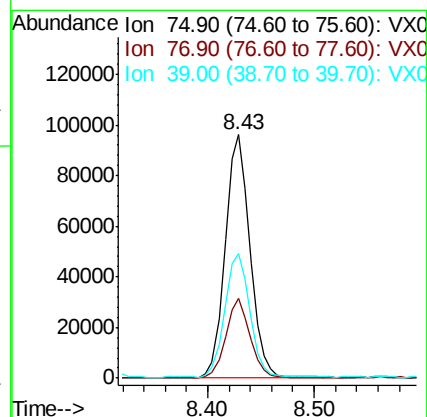
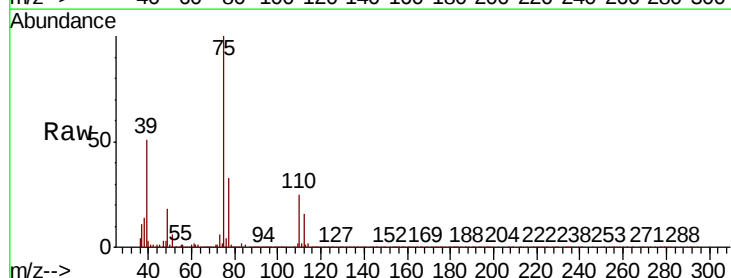
Tgt Ion: 75 Resp: 156196

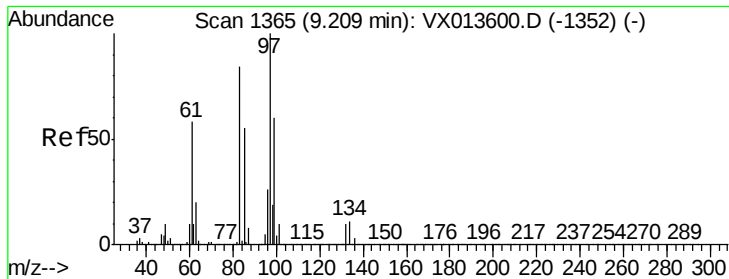
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

39 50.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 21.096 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 97 Resp: 111543

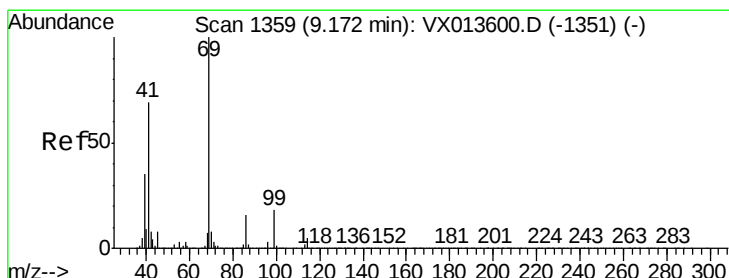
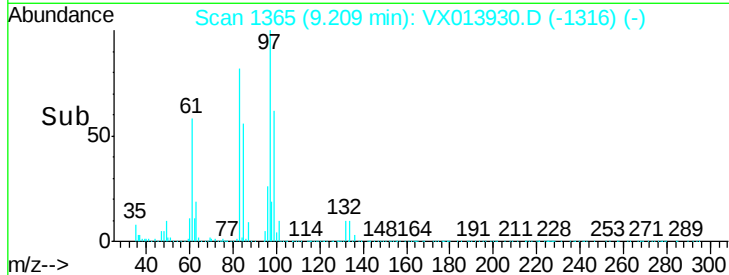
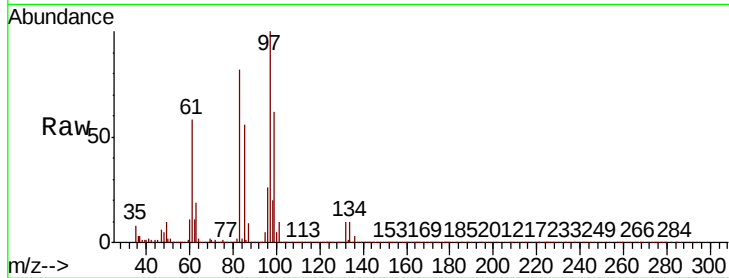
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.3	100.9
85	55.8	43.6	65.4
99	62.0	48.2	72.4

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: 20.278 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

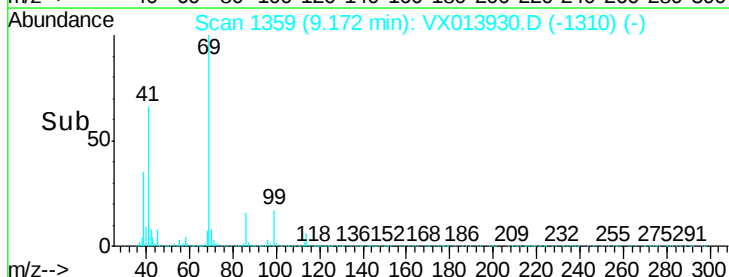
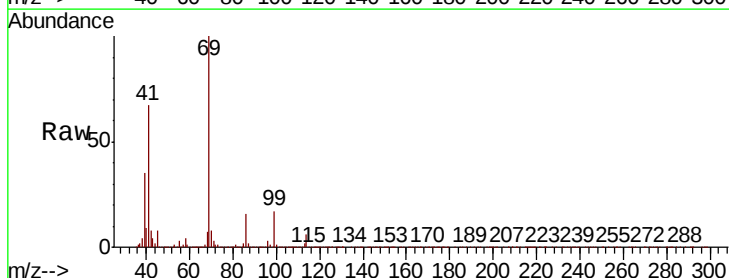
Tgt Ion: 69 Resp: 172380

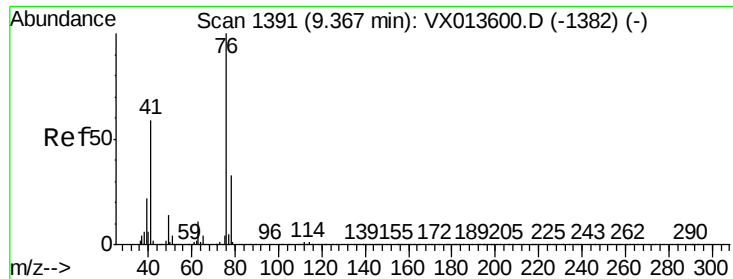
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.0	82.4
39	36.5	28.7	43.1

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: 20.623 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

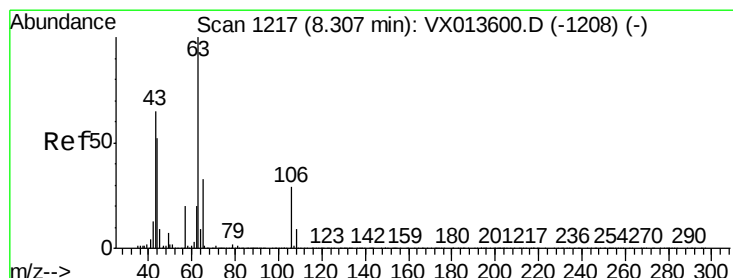
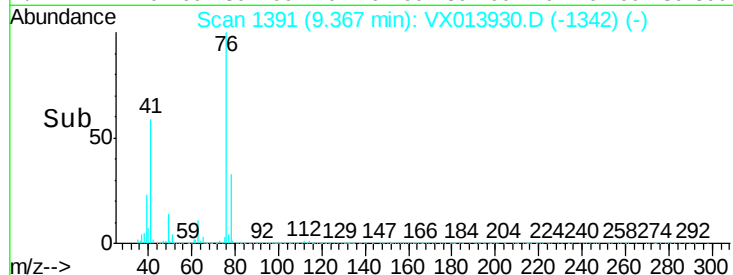
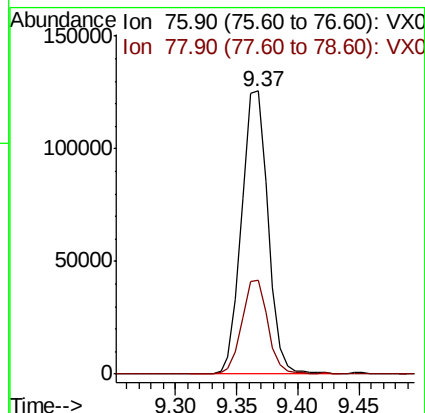
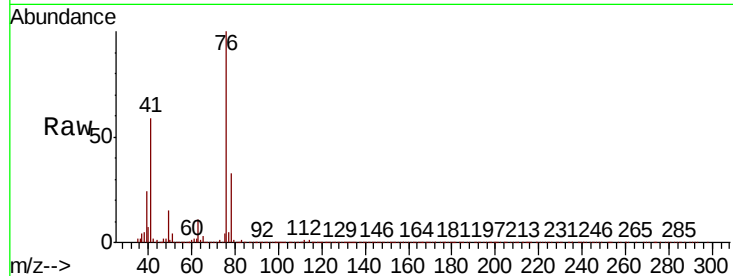
VX1210WBSD02

Tot Ion: 76 Resp: 187951

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.659 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013930.D

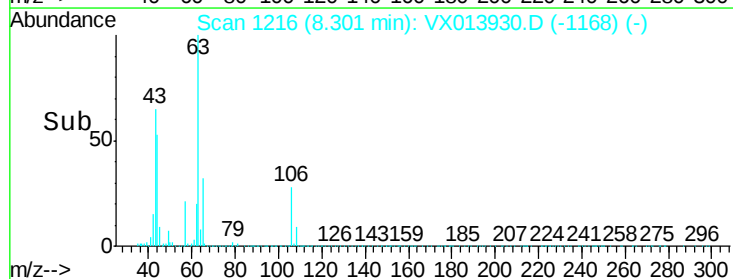
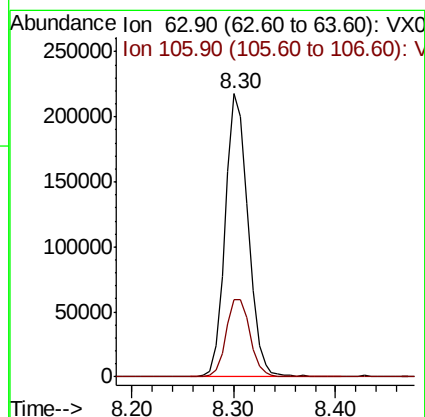
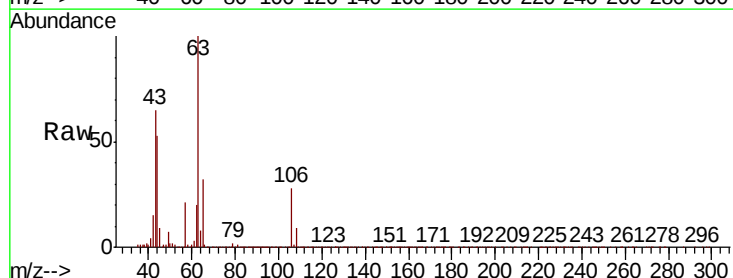
Acq: 11 Dec 2019 05:38

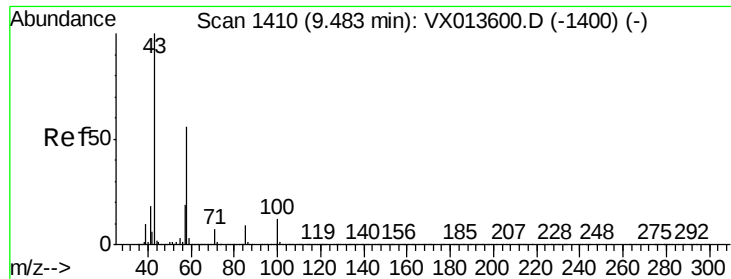
Tgt Ion: 63 Resp: 338827

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.0

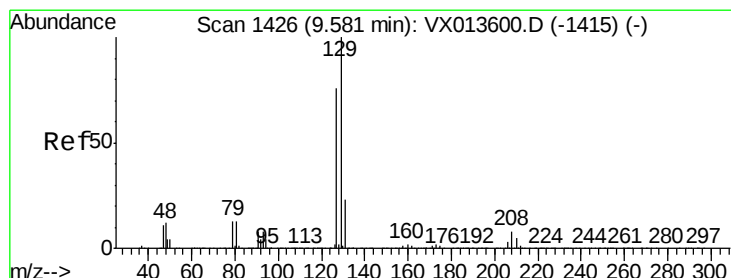
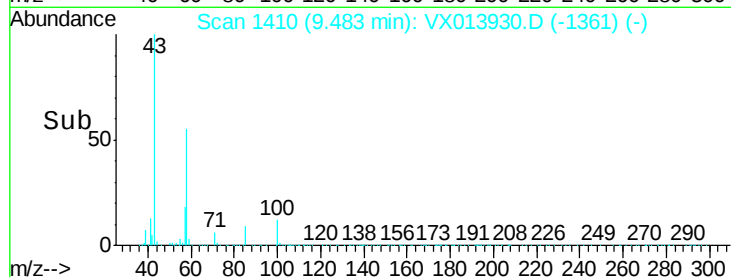
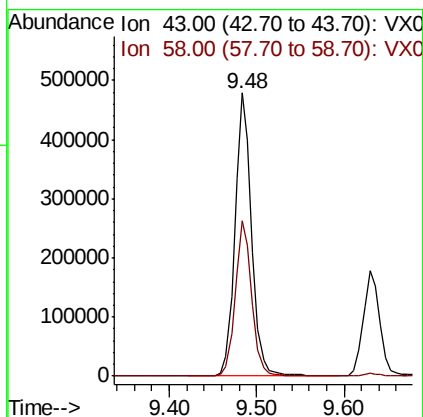
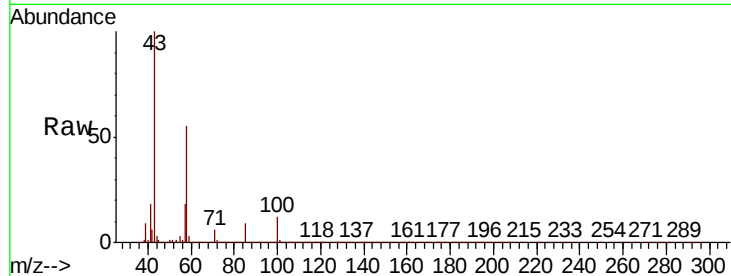




#59
2-Hexanone
Concen: 101.164 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

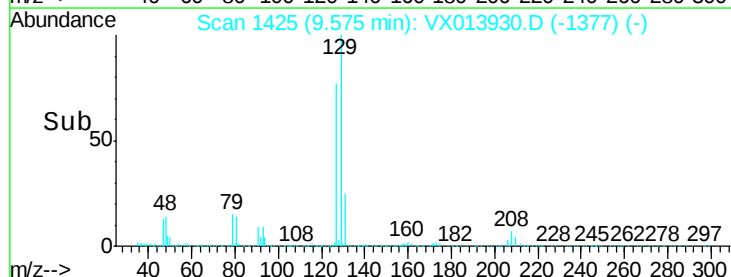
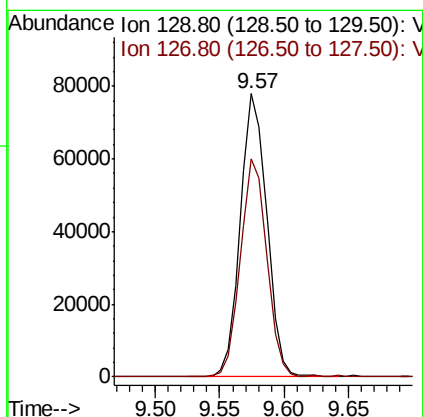
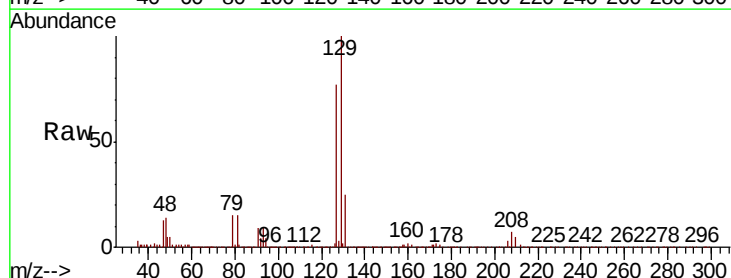
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

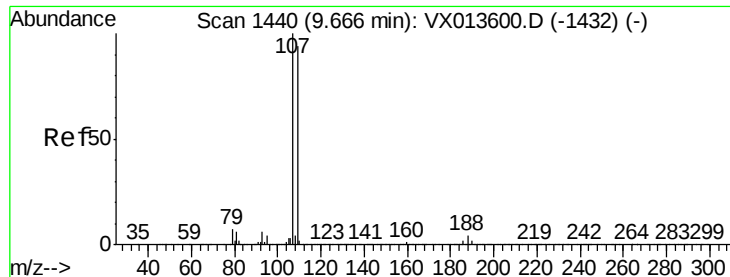
Tot Ion: 43 Resp: 635645
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.4



#60
Dibromochloromethane
Concen: 20.352 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion: 129 Resp: 111680
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.574 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

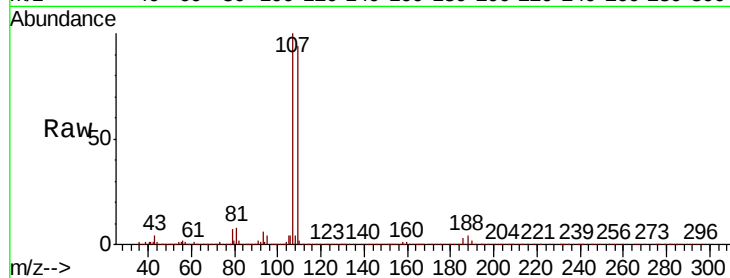
VX1210WBSD02

Tot Ion:107 Resp: 116188

Ion Ratio Lower Upper

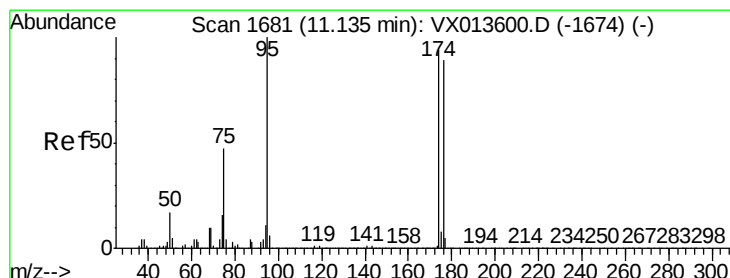
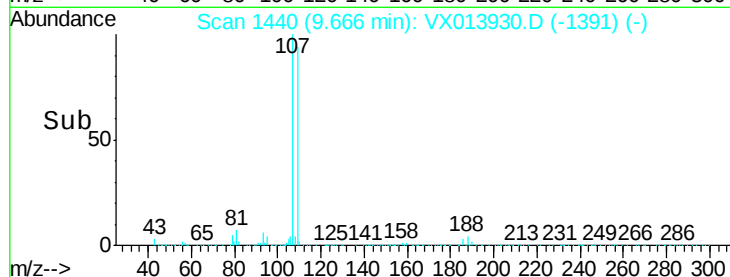
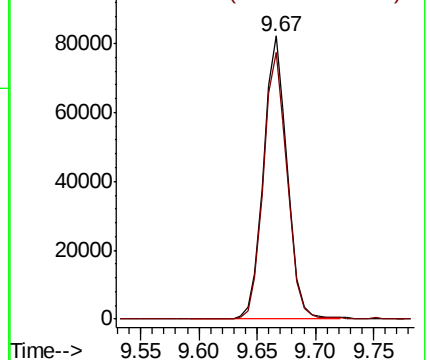
107 100

109 94.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.869 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

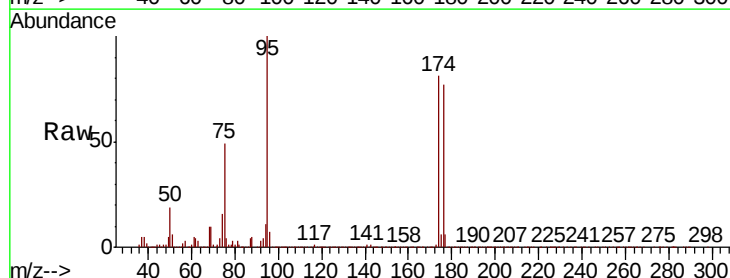
Tgt Ion: 95 Resp: 297716

Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.0

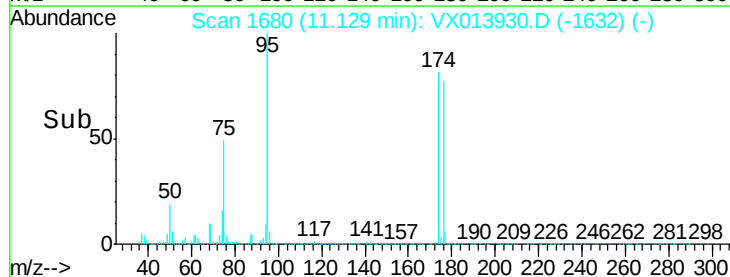
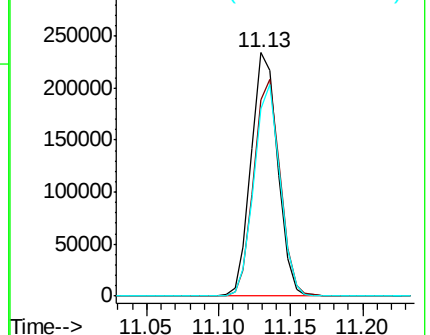
176 85.1 0.0 173.6

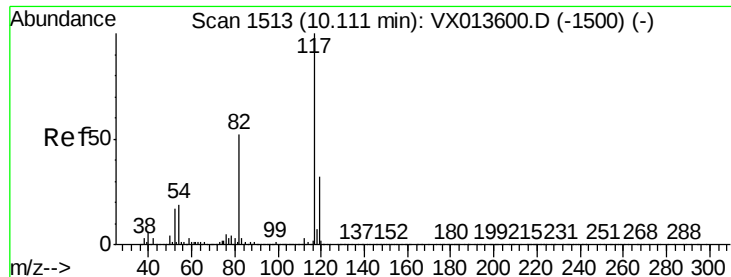


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

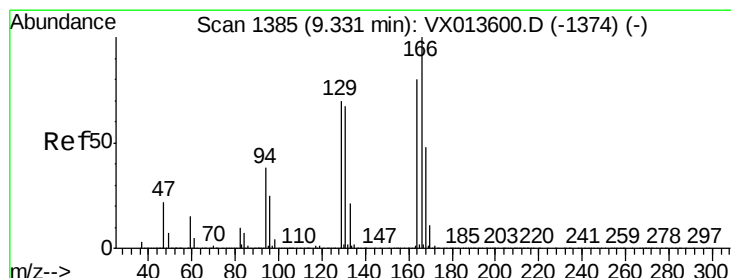
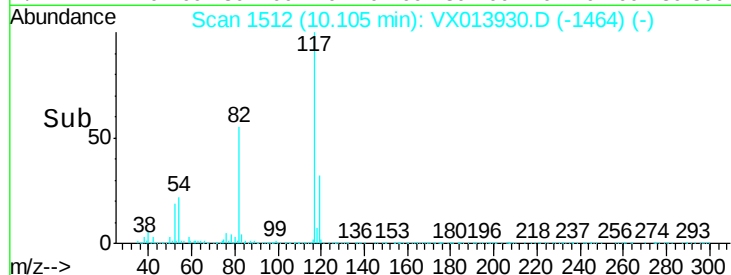
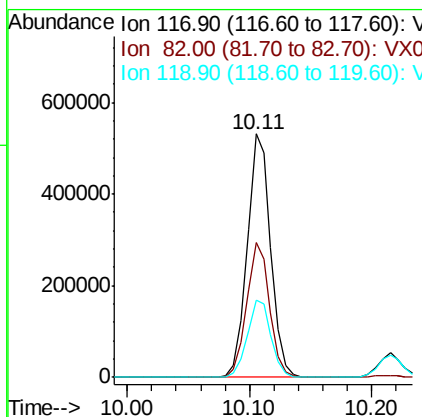
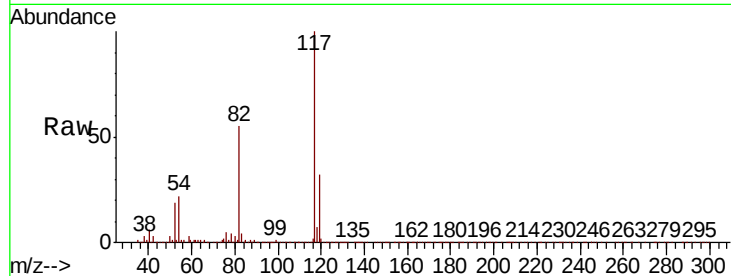




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

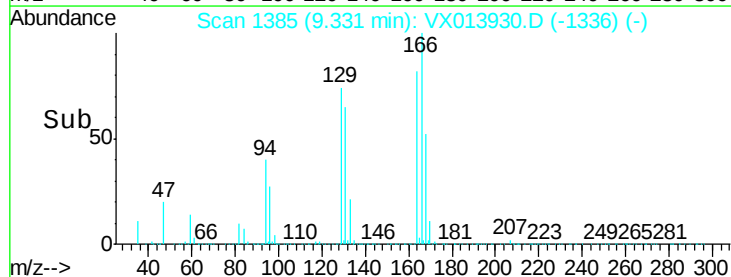
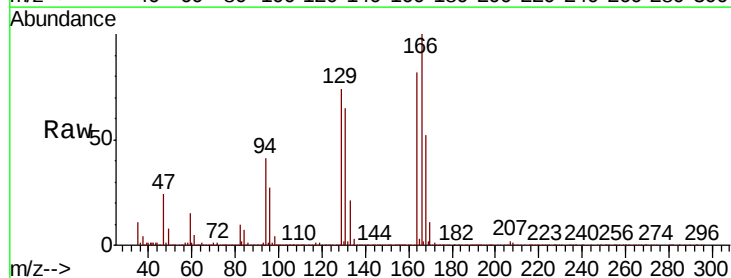
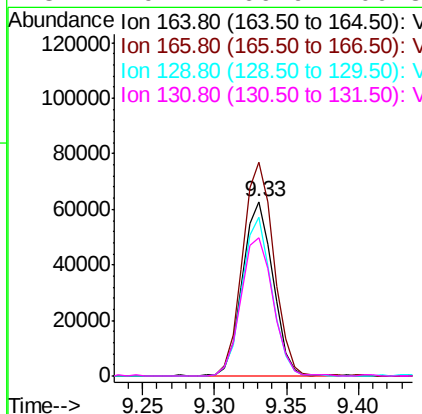
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

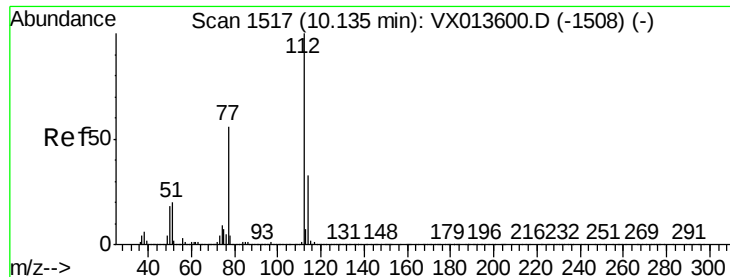
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.8	62.8
119	31.8	25.8	38.8



#64
Tetrachloroethene
Concen: 17.458 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	99.7	149.5
129	90.9	70.1	105.1
131	79.4	66.9	100.3





#65

Chlorobenzene

Concen: 17.932 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

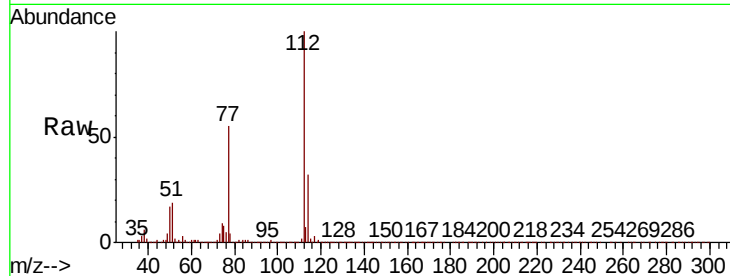
VX1210WBSD02

Tot Ion:112 Resp: 262144

Ion Ratio Lower Upper

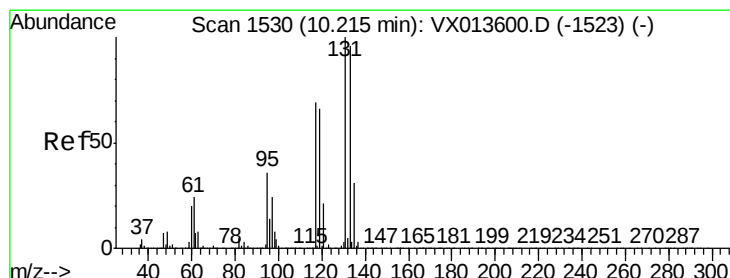
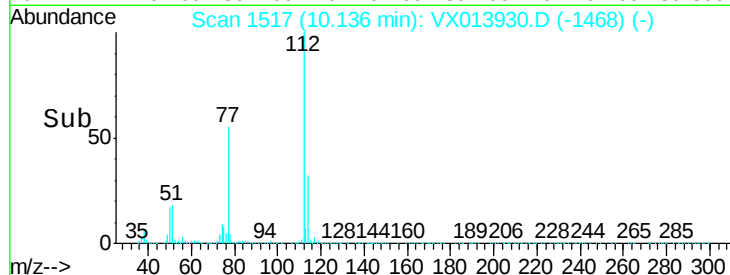
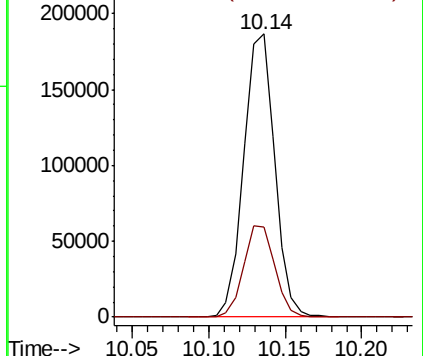
112 100

114 31.8 26.1 39.1



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: 19.332 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

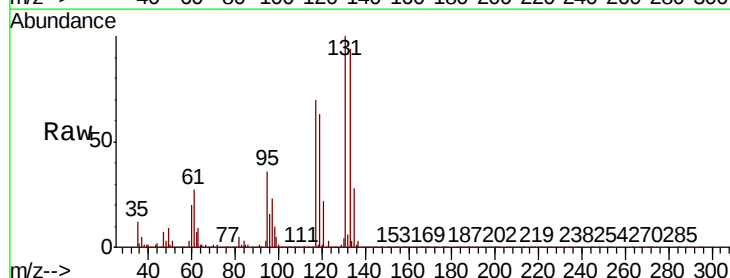
Tgt Ion:131 Resp: 101481

Ion Ratio Lower Upper

131 100

133 93.8 47.7 143.1

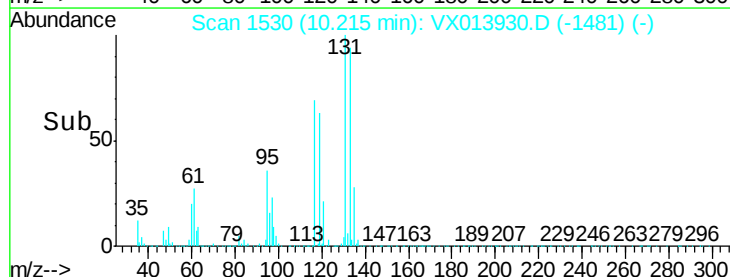
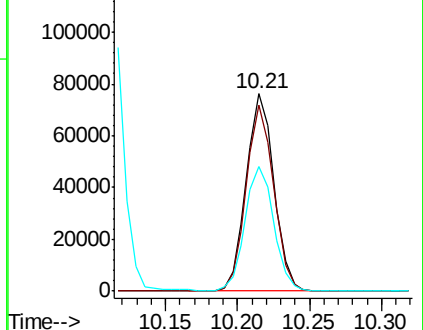
119 65.1 32.9 98.6

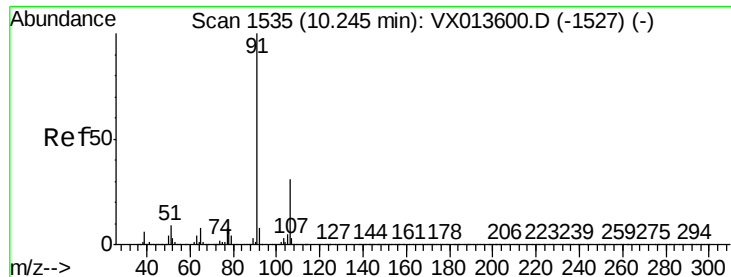


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 16.393 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

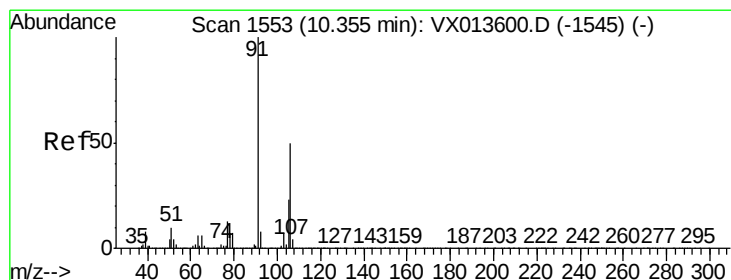
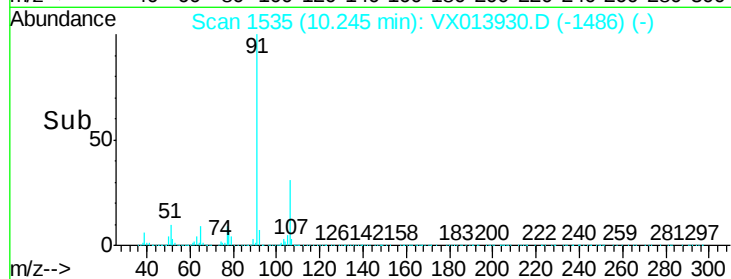
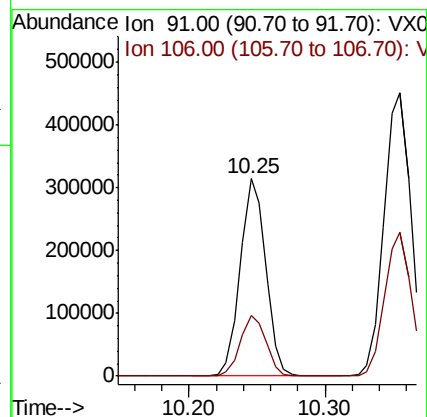
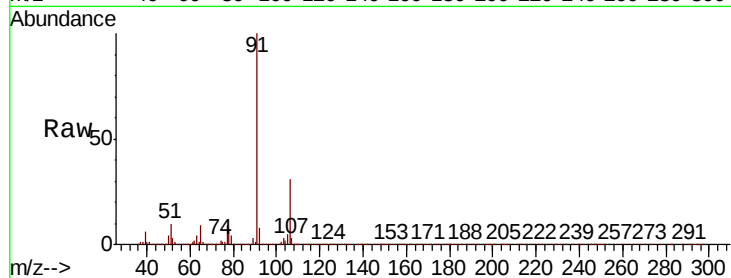
VX1210WBSD02

Tot Ion: 91 Resp: 411789

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 32.396 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013930.D

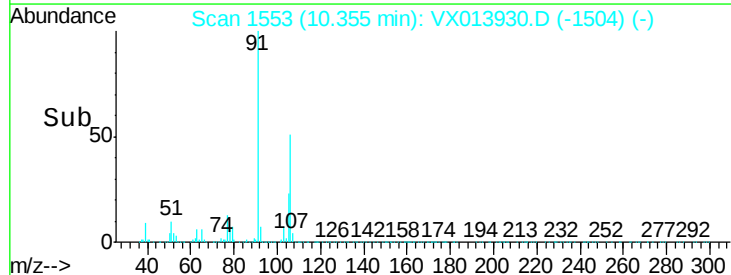
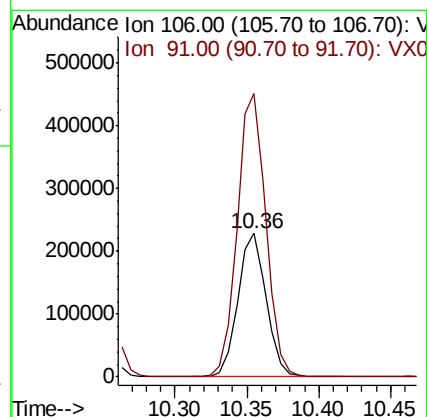
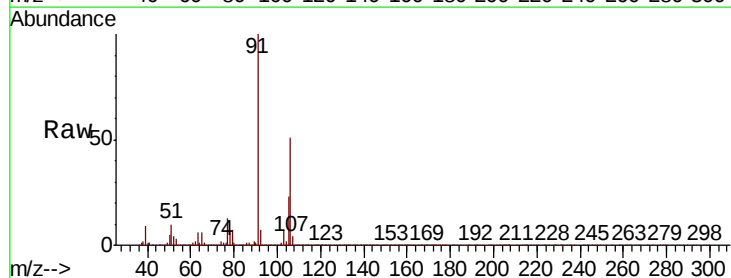
Acq: 11 Dec 2019 05:38

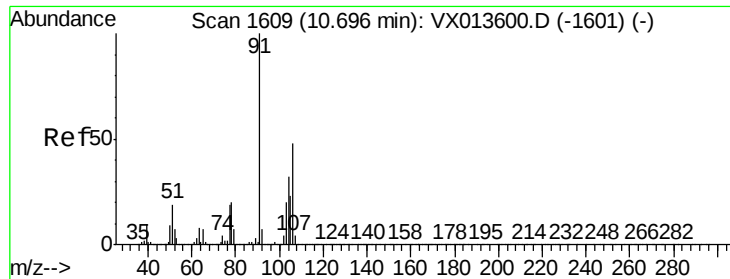
Tgt Ion: 106 Resp: 311567

Ion Ratio Lower Upper

106 100

91 199.8 159.0 238.4

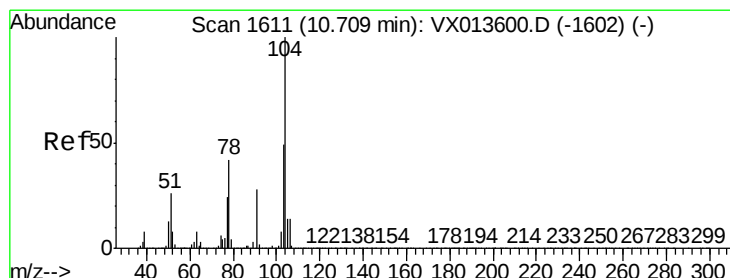
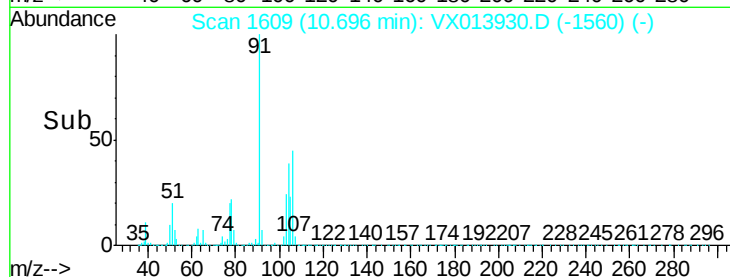
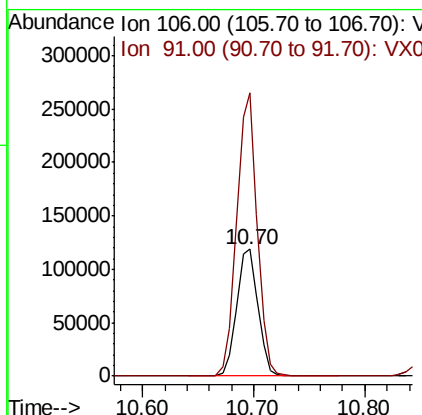
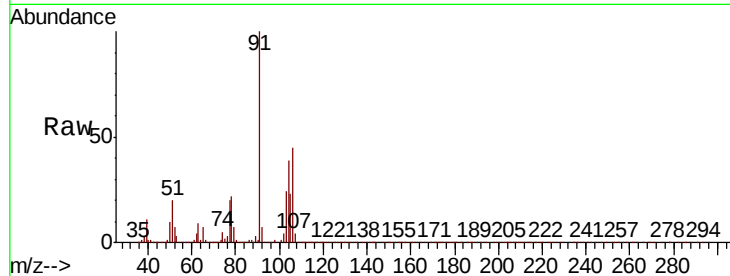




#69
o-Xylene
Concen: 16.689 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

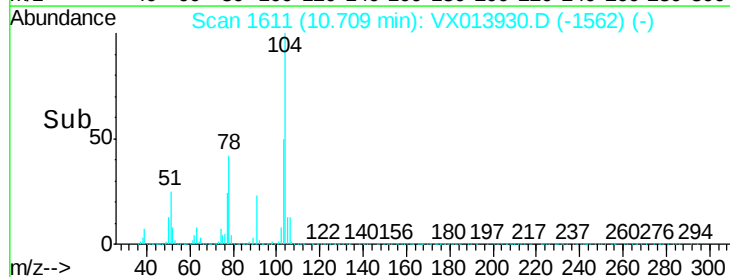
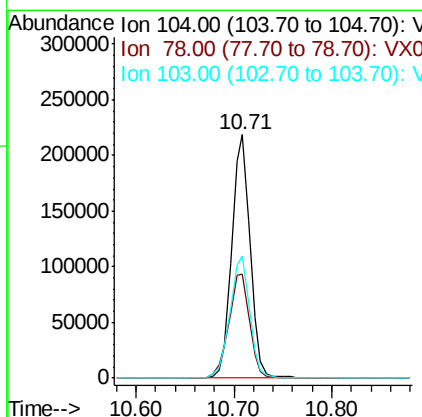
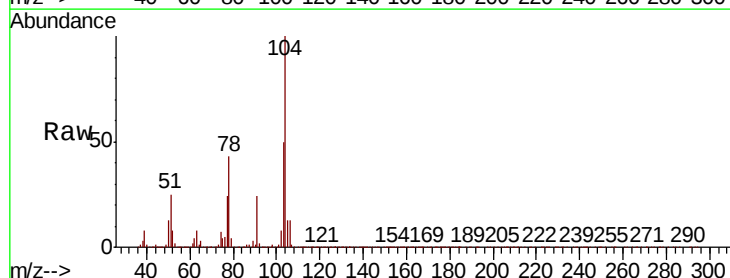
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

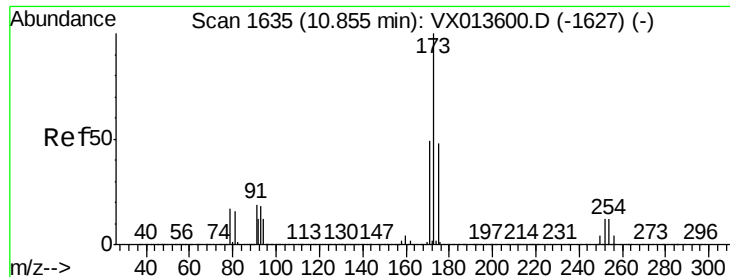
Tot Ion:106 Resp: 156536
Ion Ratio Lower Upper
106 100
91 214.1 104.1 312.2



#70
Styrene
Concen: 18.047 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion:104 Resp: 284746
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 19.154 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

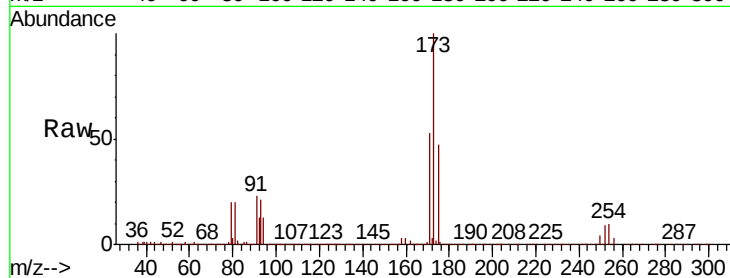
Tot Ion:173 Resp: 83194

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

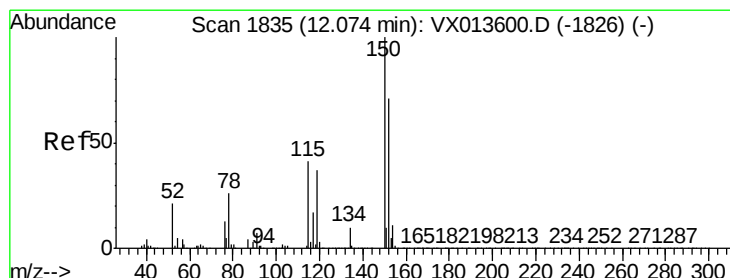
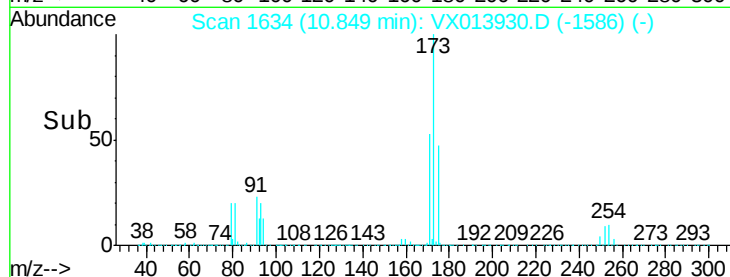
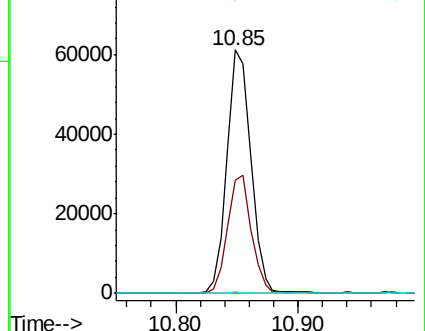
254 0.5 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

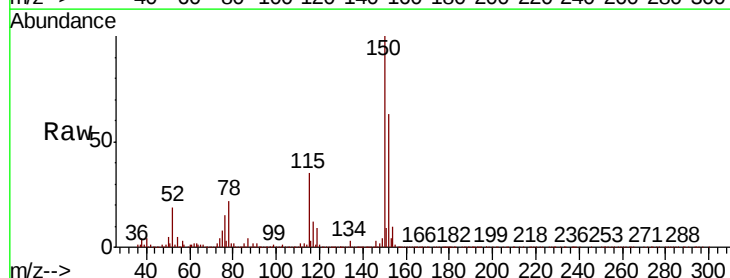
Tgt Ion:152 Resp: 347571

Ion Ratio Lower Upper

152 100

115 62.3 38.4 115.1

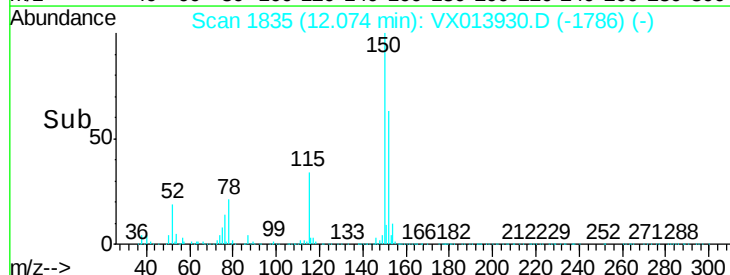
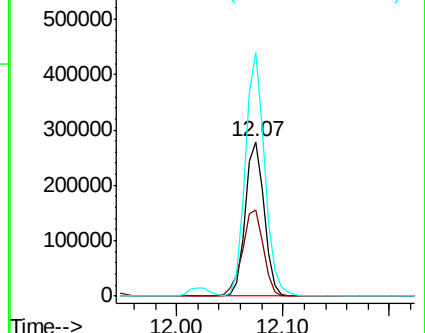
150 161.8 0.0 346.8

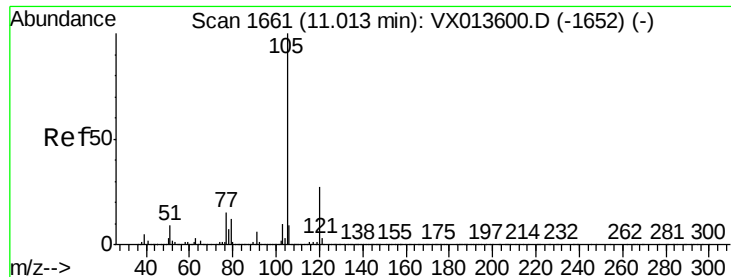


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.588 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

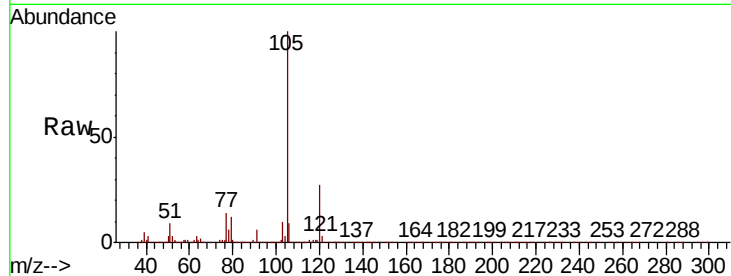
VX1210WBSD02

Tot Ion: 105 Resp: 380057

Ion Ratio Lower Upper

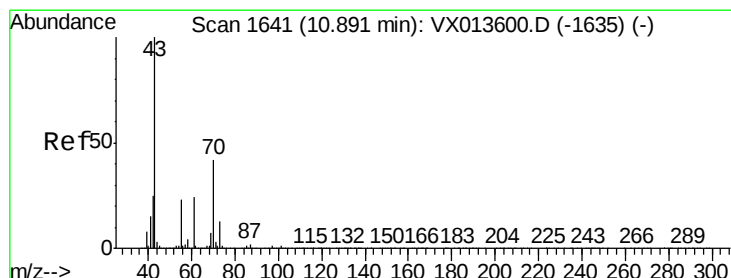
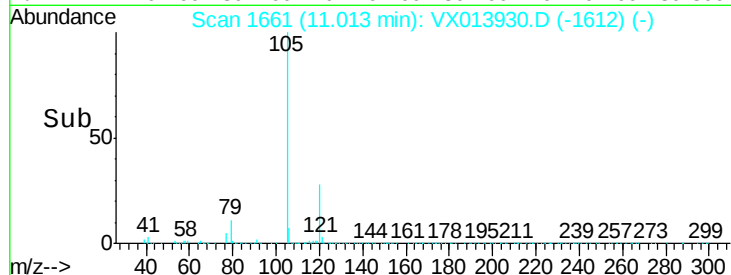
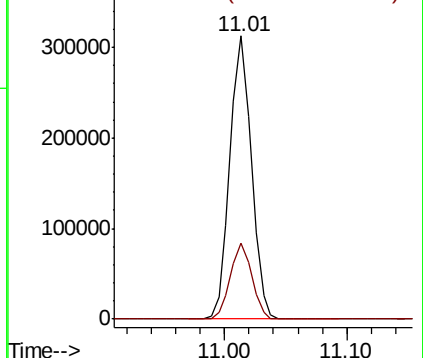
105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.647 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Tgt Ion: 43 Resp: 219429

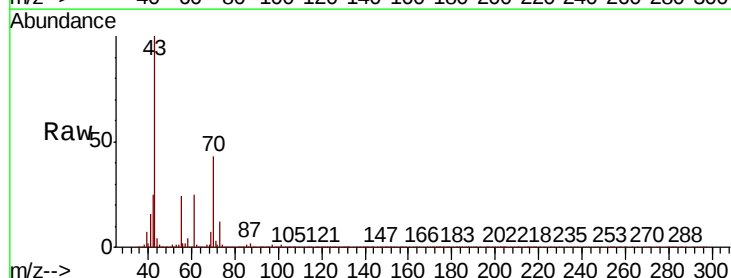
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 24.4 18.5 27.7

61 24.6 19.8 29.8

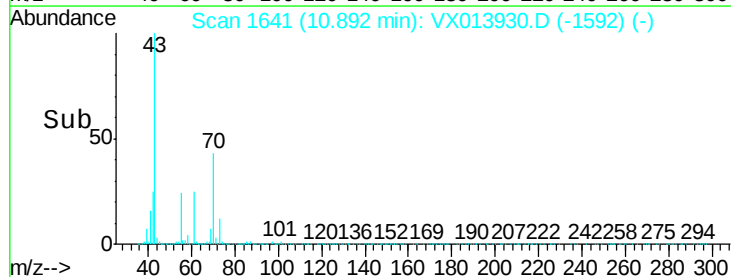
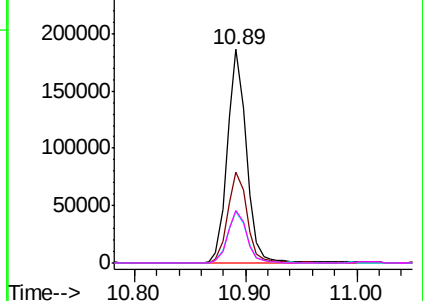


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.753 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

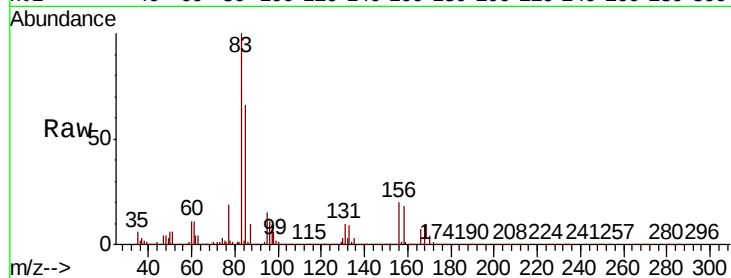
Tot Ion: 83 Resp: 175467

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

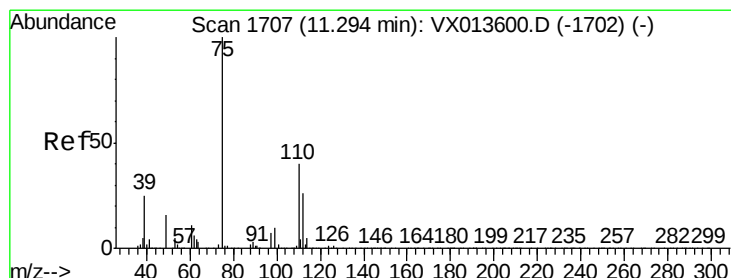
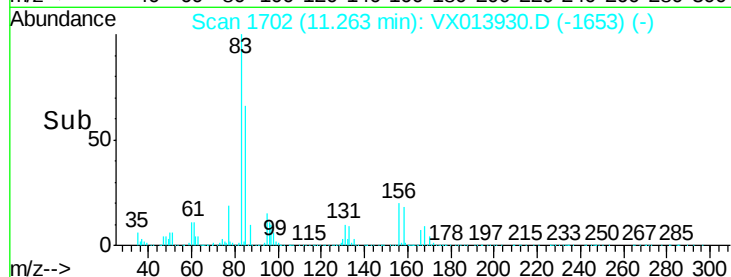
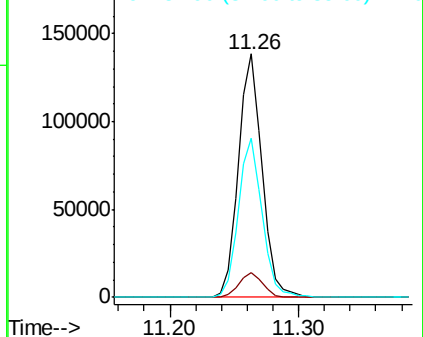
85 66.1 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX013930.D (-1653) (-)

Ion 130.80 (130.50 to 131.50): VX013930.D (-1653) (-)

Ion 84.90 (84.60 to 85.60): VX013930.D (-1653) (-)



#76

1,2,3-Trichloropropane

Concen: 23.572 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013930.D

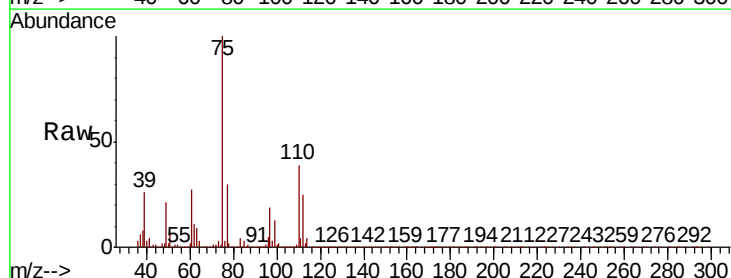
Acq: 11 Dec 2019 05:38

Tgt Ion: 75 Resp: 184270

Ion Ratio Lower Upper

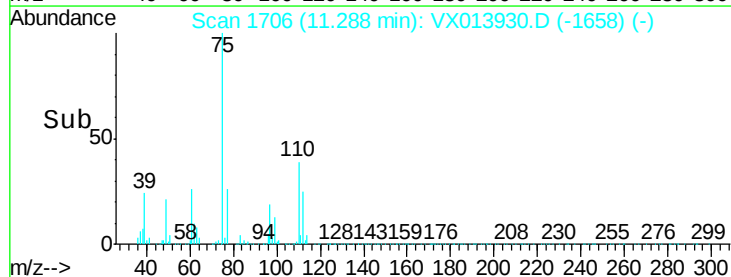
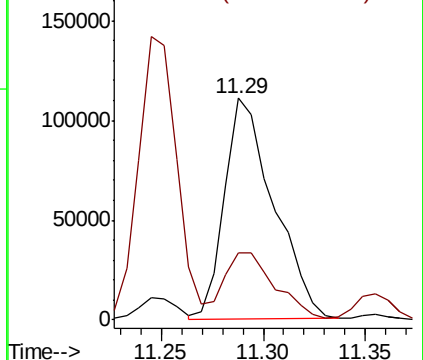
75 100

77 32.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX013930.D (-1658) (-)

Ion 77.00 (76.70 to 77.70): VX013930.D (-1658) (-)





#77

Bromobenzene

Concen: 18.497 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

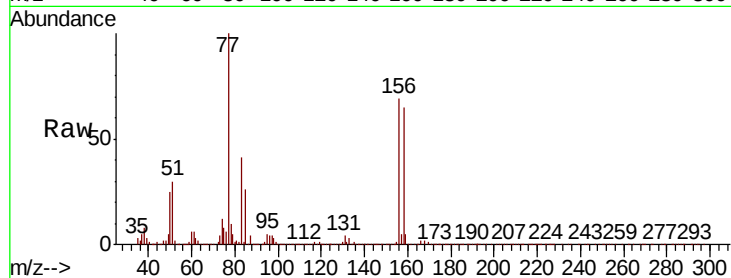
Tot Ion:156 Resp: 121831

Ion Ratio Lower Upper

156 100

77 151.5 74.4 223.1

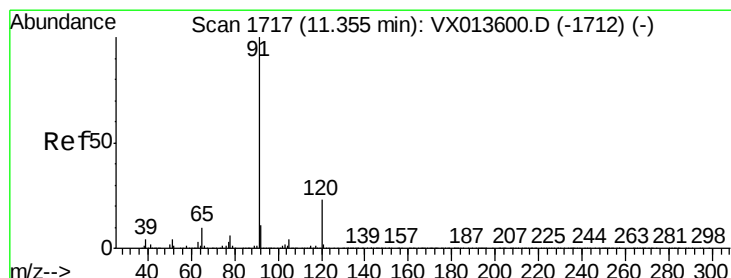
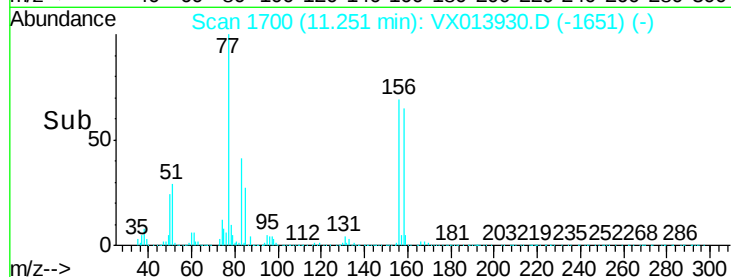
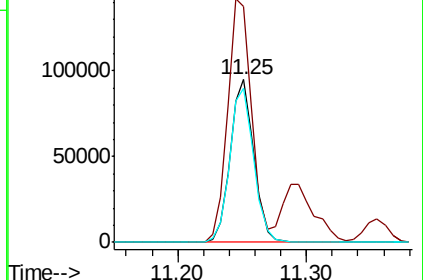
158 96.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 15.369 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013930.D

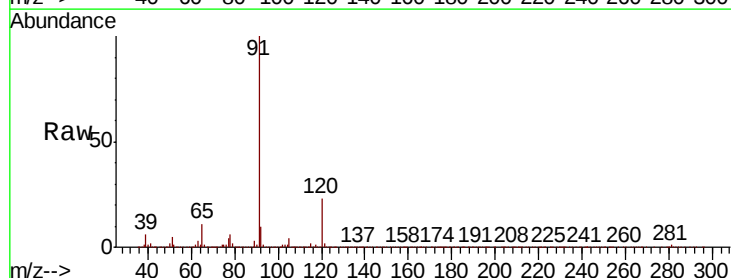
Acq: 11 Dec 2019 05:38

Tgt Ion: 91 Resp: 418278

Ion Ratio Lower Upper

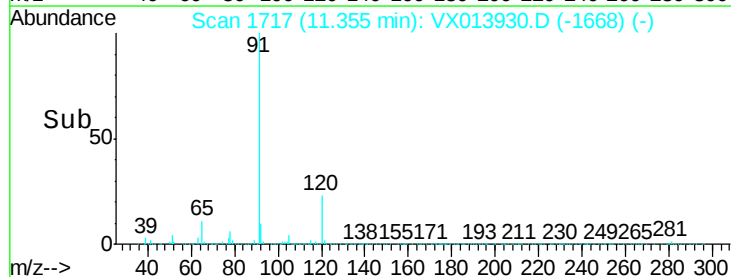
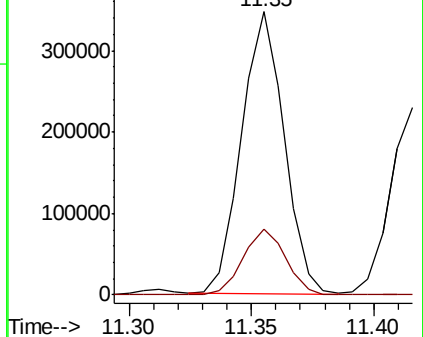
91 100

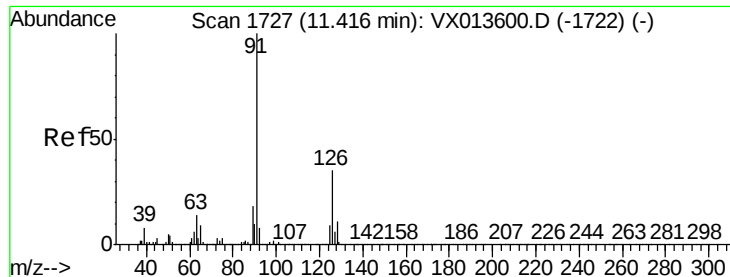
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.940 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

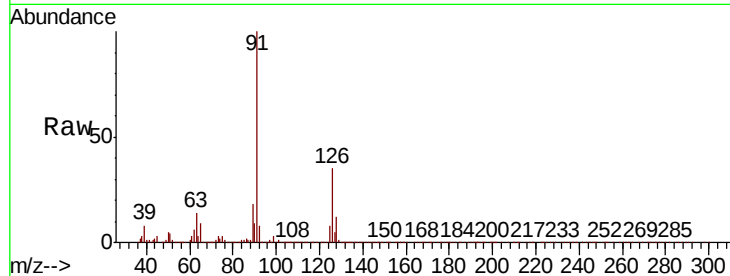
VX1210WBSD02

Tot Ion: 91 Resp: 276571

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

400000

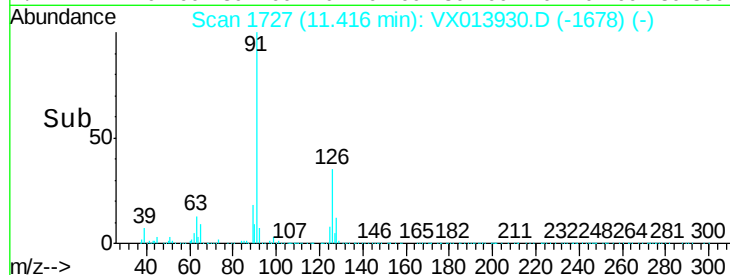
300000

200000

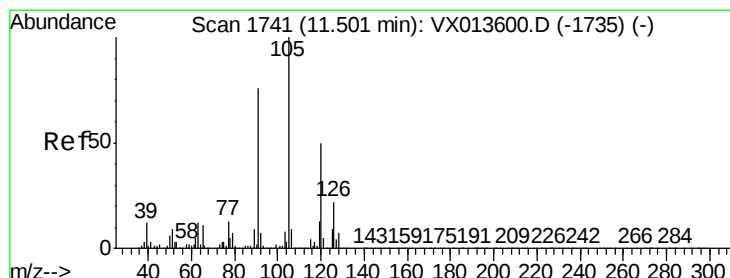
100000

0

11.35 11.40 11.45



Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 16.058 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013930.D

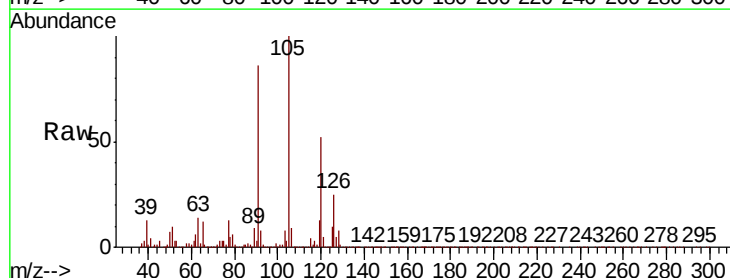
Acq: 11 Dec 2019 05:38

Tgt Ion: 105 Resp: 320884

Ion Ratio Lower Upper

105 100

120 51.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

300000

250000

200000

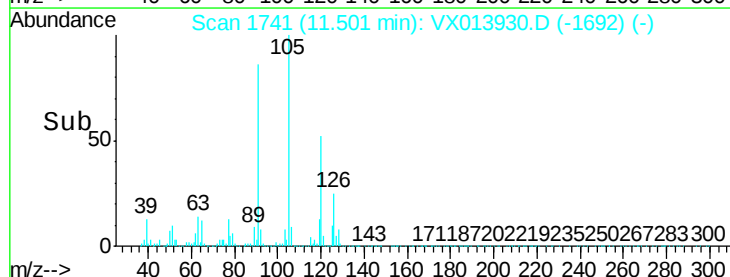
150000

100000

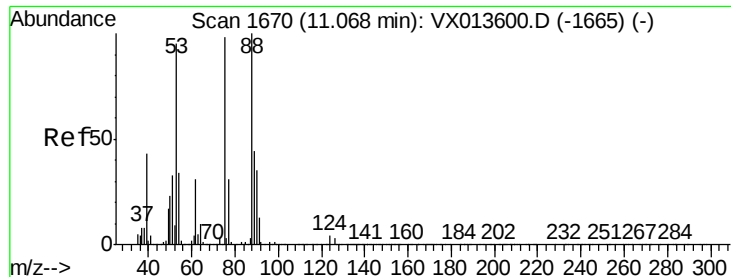
50000

0

11.45 11.50 11.55



Time--> 11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 15.604 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

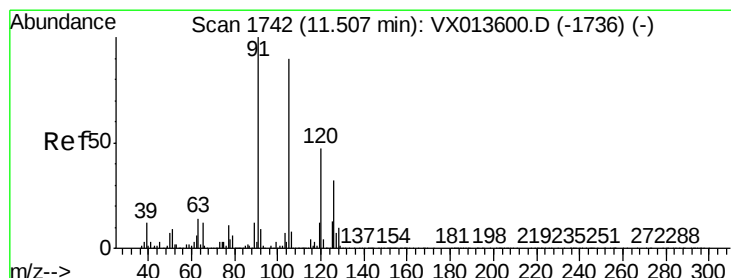
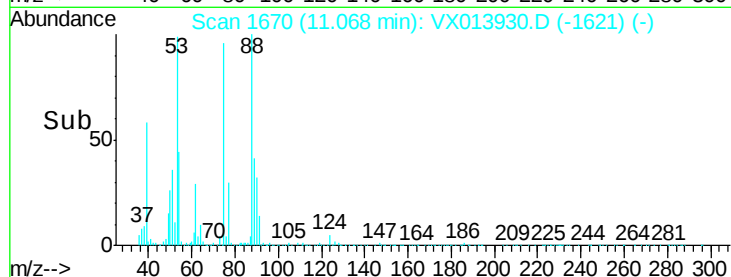
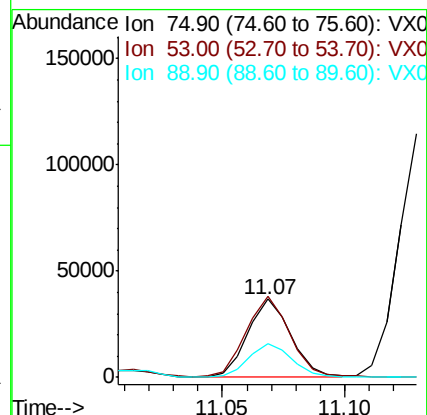
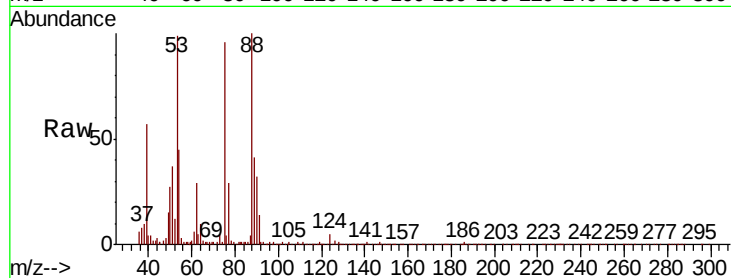
Tot Ion: 75 Resp: 44587

Ion Ratio Lower Upper

75 100

53 104.1 78.2 117.2

89 45.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 16.878 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013930.D

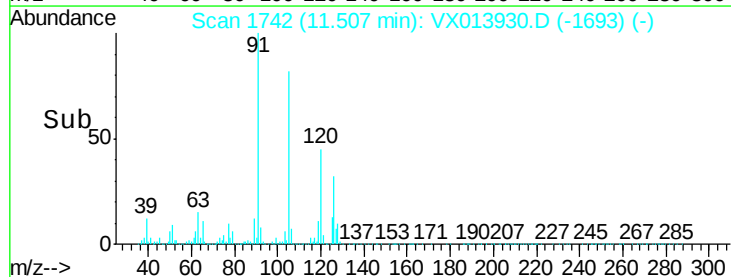
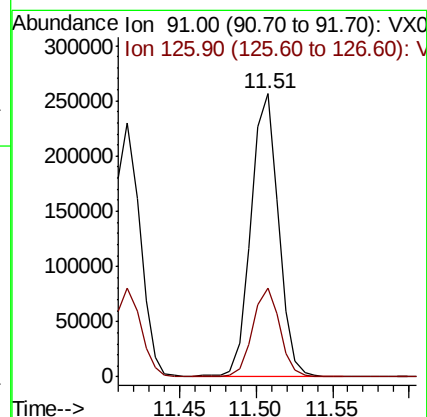
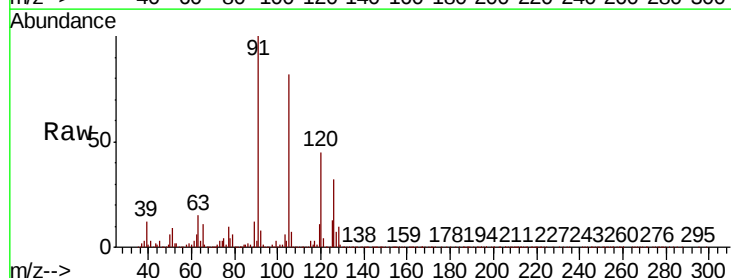
Acq: 11 Dec 2019 05:38

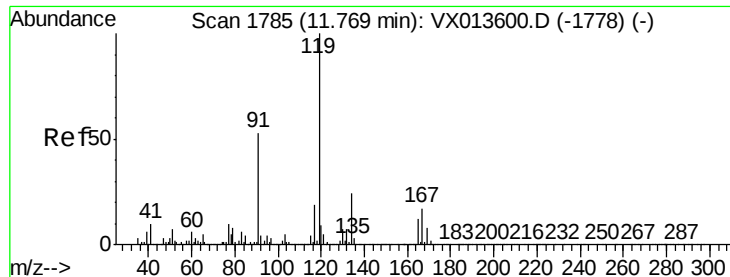
Tgt Ion: 91 Resp: 319147

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.0

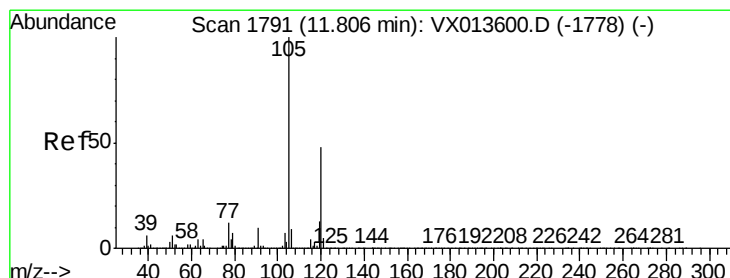
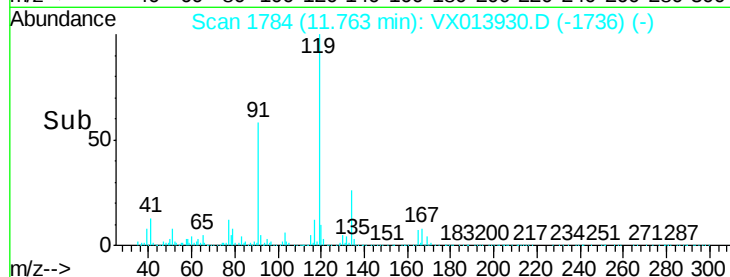
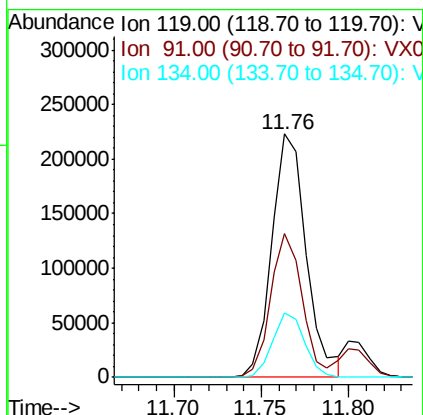
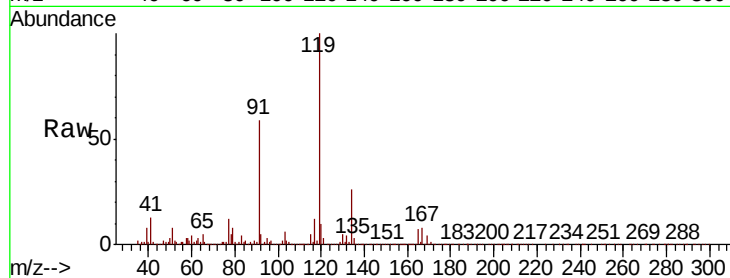




#83
tert-Butylbenzene
Concen: 15.066 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

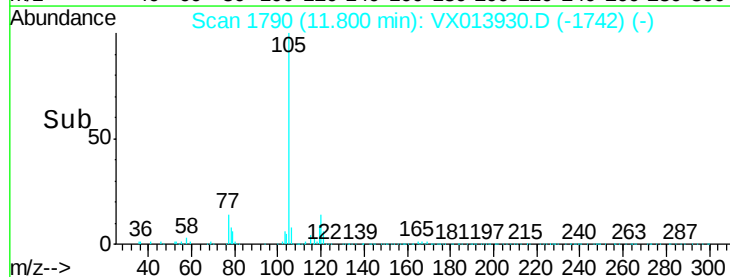
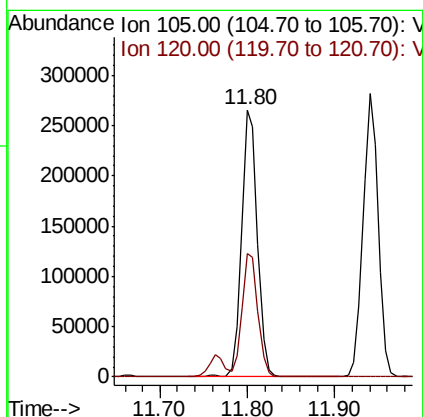
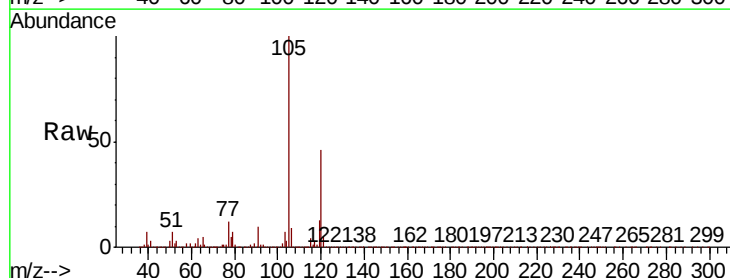
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

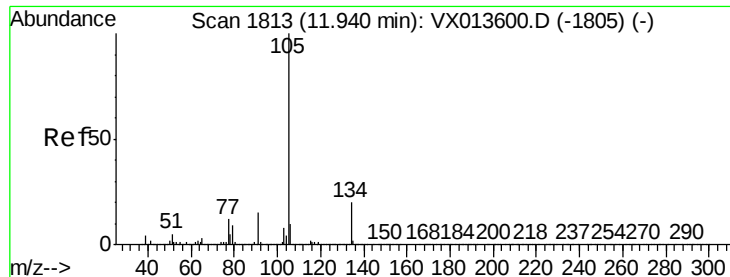
Tot Ion:119 Resp: 305949
Ion Ratio Lower Upper
119 100
91 54.0 27.2 81.6
134 24.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 16.480 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion:105 Resp: 334206
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3

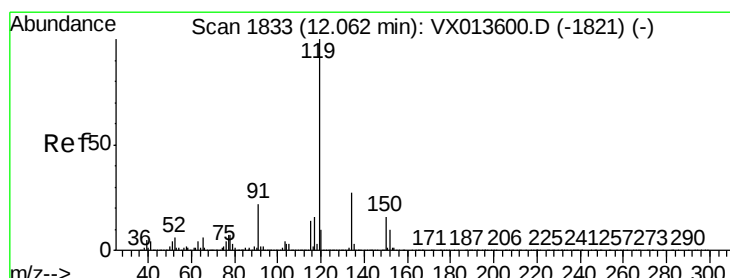
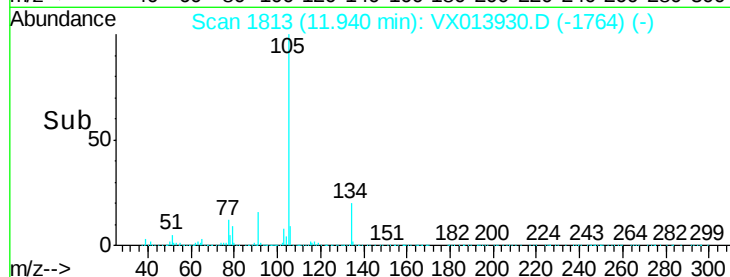
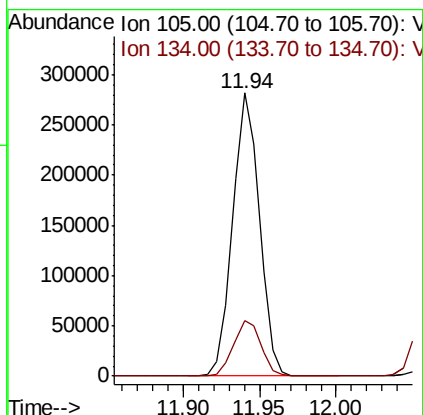
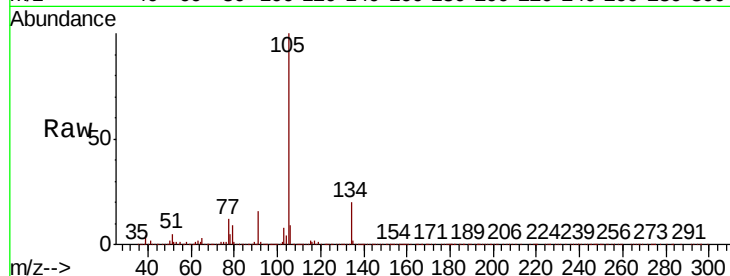




#85
 sec-Butylbenzene
 Concen: 14.667 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

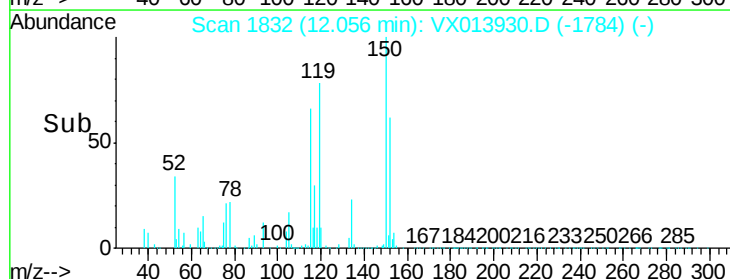
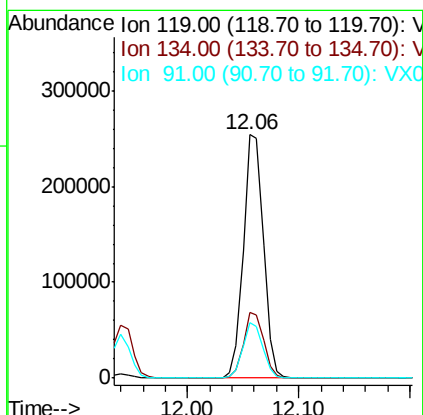
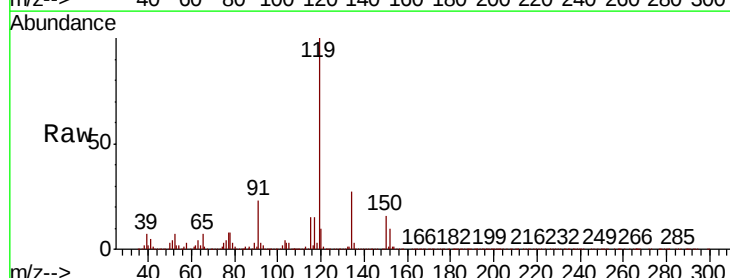
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

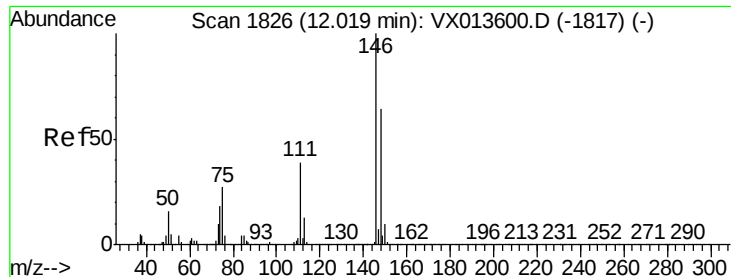
Tot Ion:105 Resp: 340208
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 14.715 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

Tgt Ion:119 Resp: 317539
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.9
 91 22.5 11.3 33.8

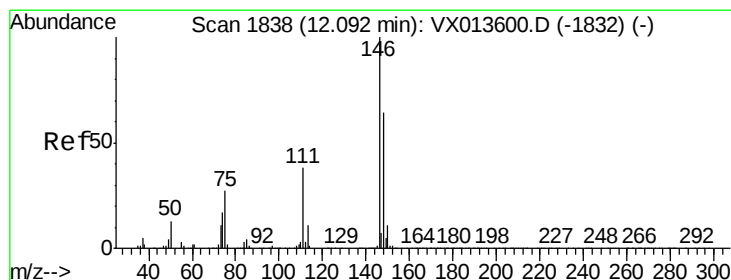
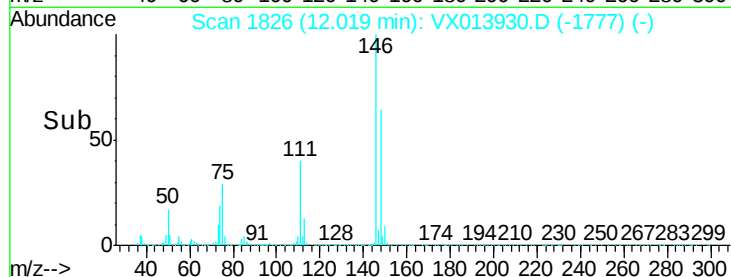
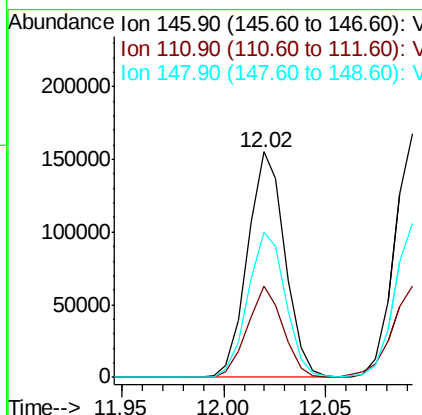
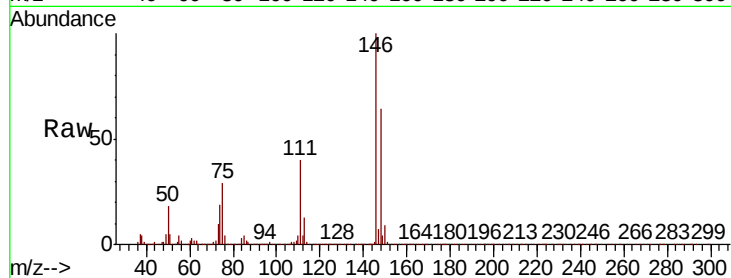




#87
 1,3-Dichlorobenzene
 Concen: 17.188 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

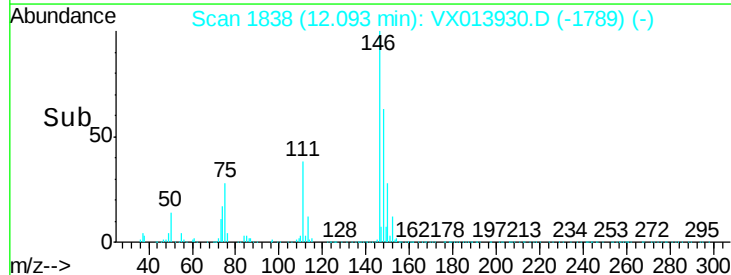
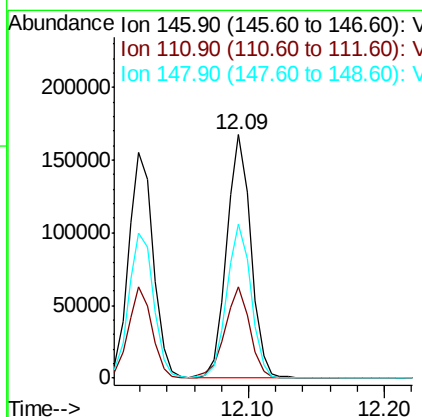
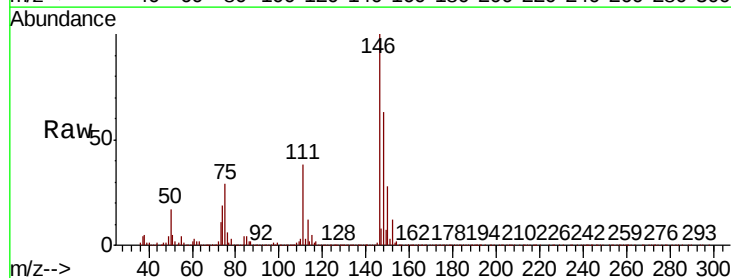
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

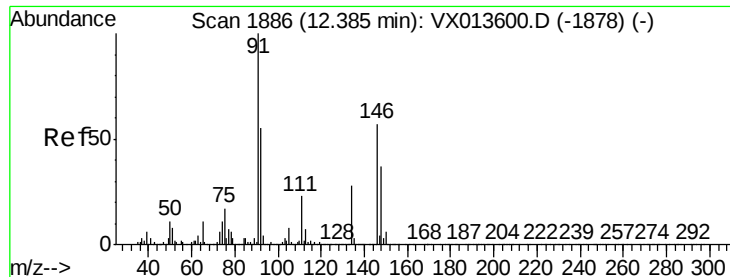
Tot Ion:146 Resp: 197343
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 64.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 17.562 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

Tgt Ion:146 Resp: 205379
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 14.065 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

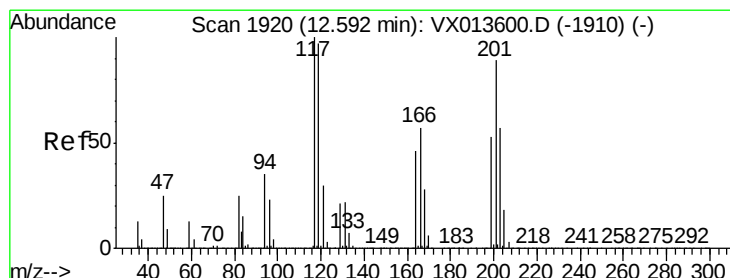
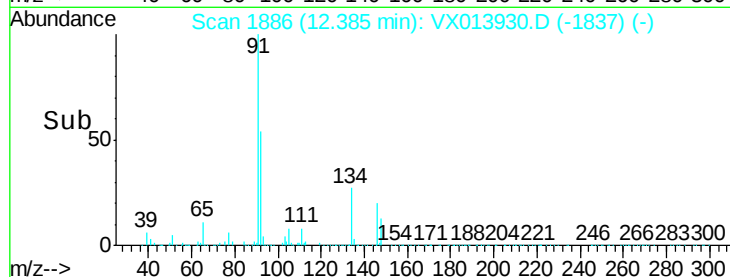
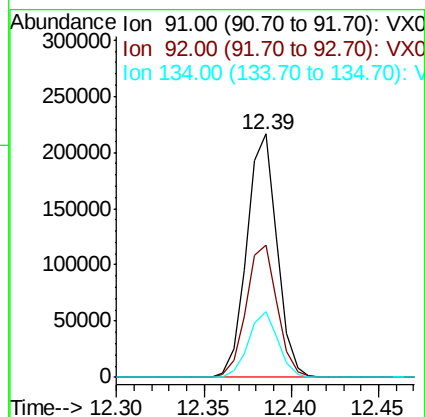
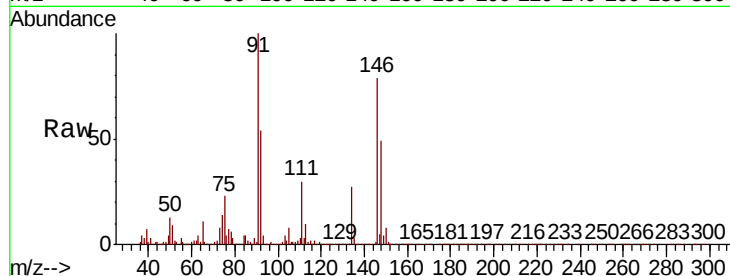
Tot Ion: 91 Resp: 258865

Ion Ratio Lower Upper

91 100

92 56.1 27.4 82.2

134 26.8 13.5 40.4



#90

Hexachloroethane

Concen: 14.425 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013930.D

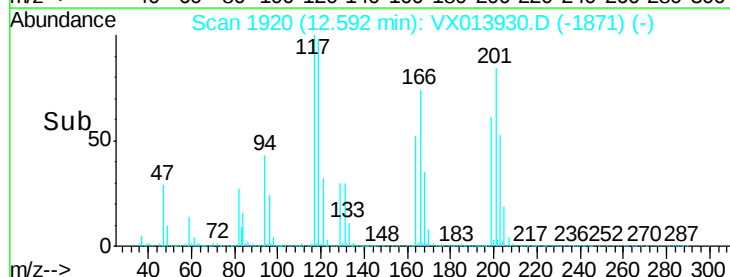
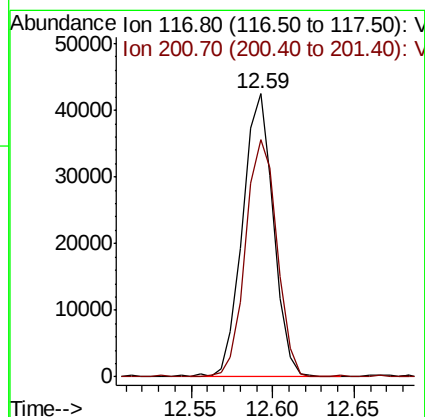
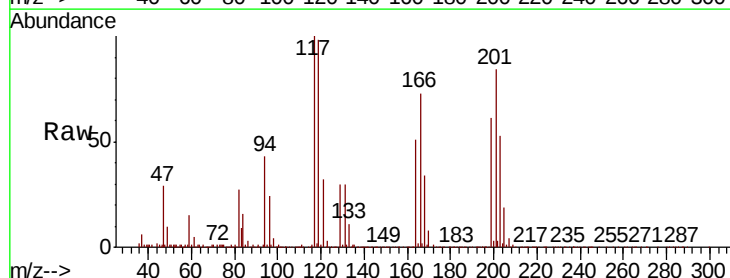
Acq: 11 Dec 2019 05:38

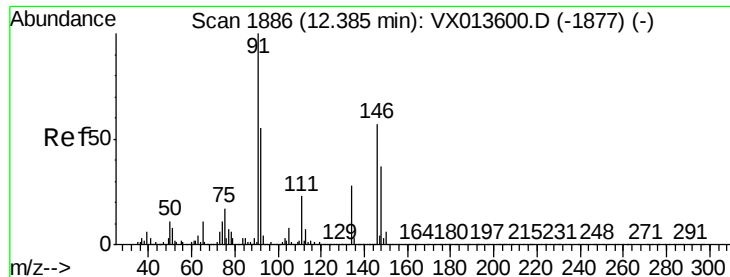
Tgt Ion: 117 Resp: 56263

Ion Ratio Lower Upper

117 100

201 85.4 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 18.485 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

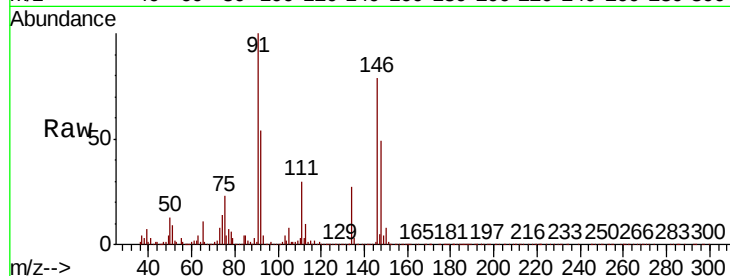
Tot Ion:146 Resp: 209701

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

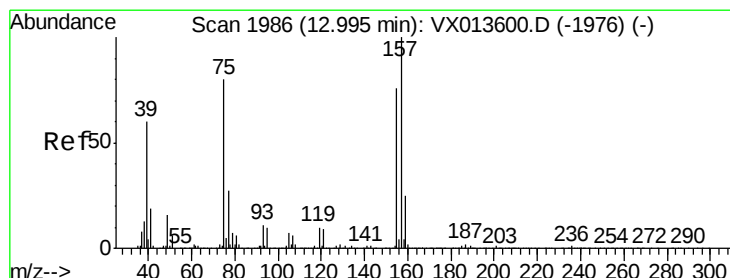
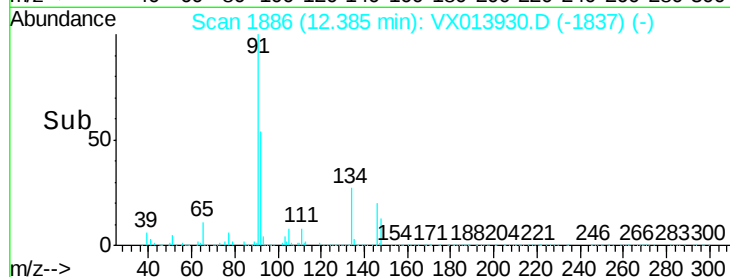
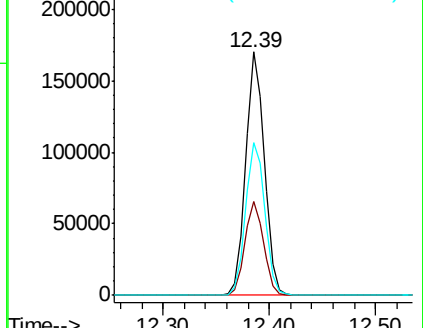
148 65.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.334 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013930.D

Acq: 11 Dec 2019 05:38

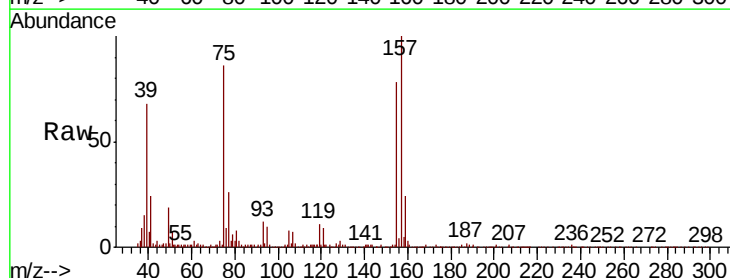
Tgt Ion: 75 Resp: 35598

Ion Ratio Lower Upper

75 100

155 94.6 47.6 142.8

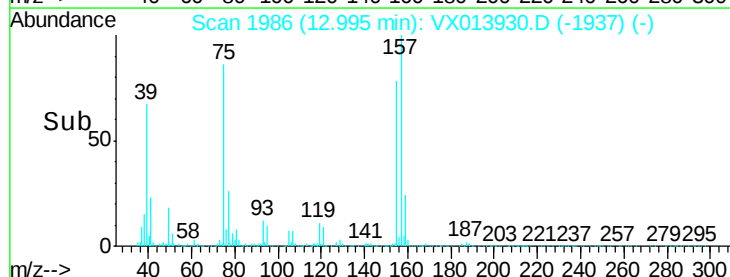
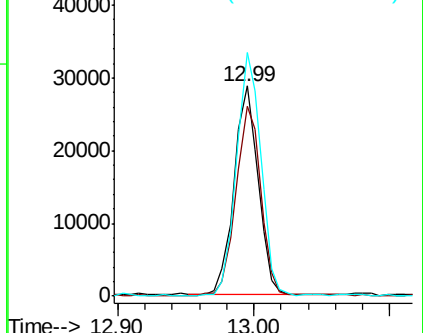
157 119.1 62.1 186.2

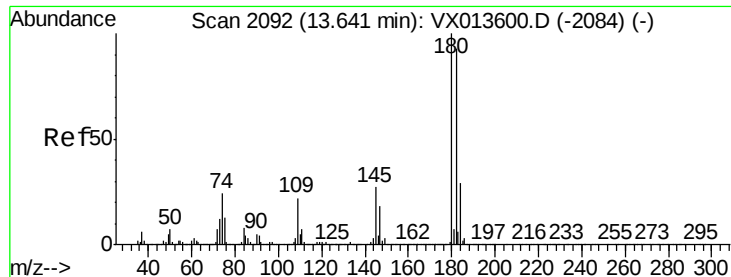


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

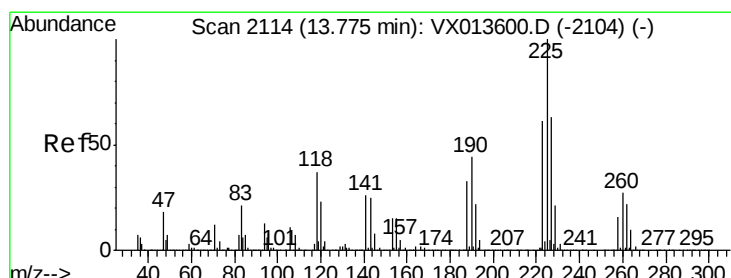
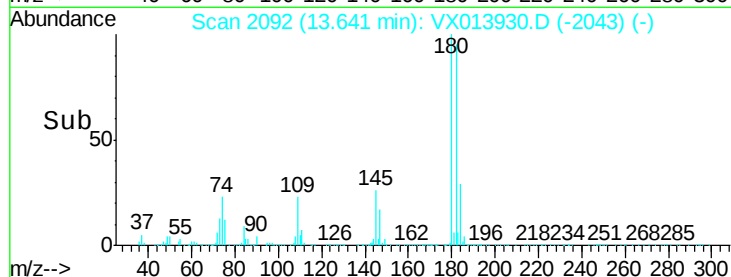
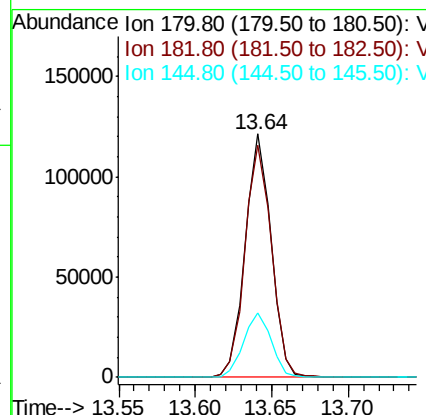
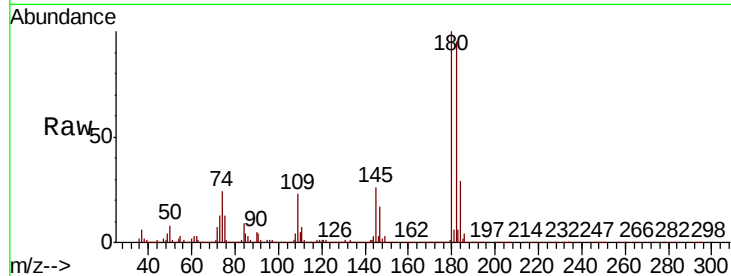




#93
 1,2,4-Trichlorobenzene
 Concen: 18.033 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

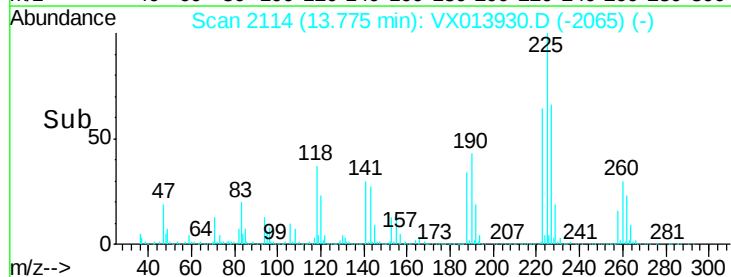
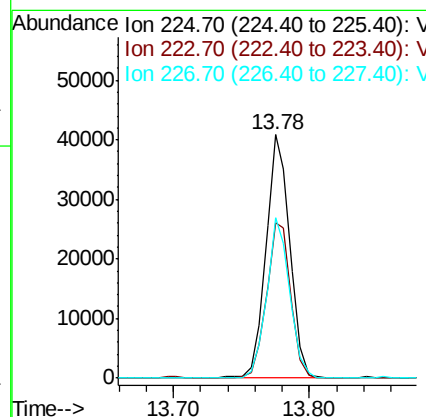
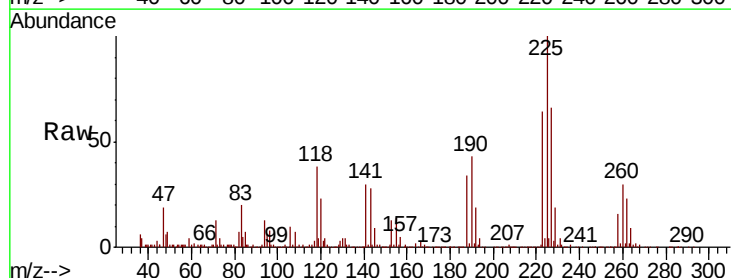
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

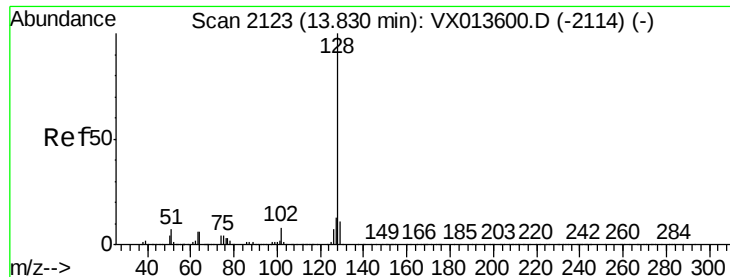
Tot Ion:180 Resp: 142570
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.2 141.6
 145 28.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 13.234 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013930.D
 Acq: 11 Dec 2019 05:38

Tgt Ion:225 Resp: 50263
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.9 95.5
 227 63.9 32.1 96.3

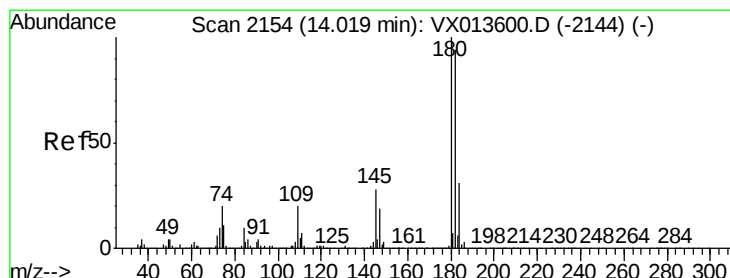
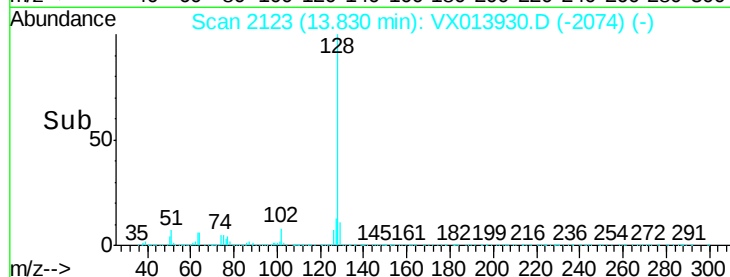
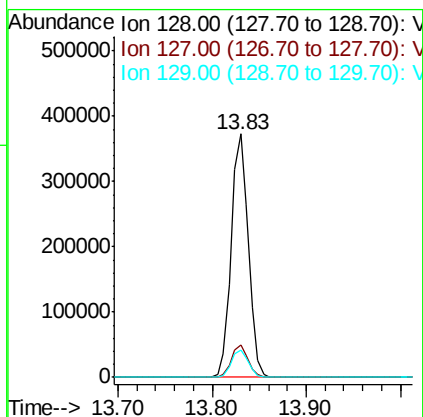
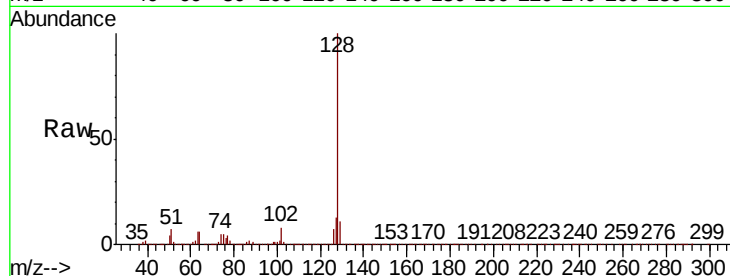




#95
Naphthalene
Concen: 19.884 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion:128 Resp: 468154
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.805 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013930.D
Acq: 11 Dec 2019 05:38

Tgt Ion:180 Resp: 147206
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.8
145 29.4 15.0 45.0

