

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013321.D
 Acq On : 04 Nov 2019 12:51
 Operator : JC/SP
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Quant Time: Nov 05 00:31:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	765024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1126018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1019923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	510379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	423945	46.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	340842	48.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	1317506	49.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	462618	48.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	177974	20.191	ug/l	99
3) Chloromethane	1.31	50	189341	19.808	ug/l	96
4) Vinyl Chloride	1.40	62	217989	20.031	ug/l	99
5) Bromomethane	1.62	94	129425	17.066	ug/l	98
6) Chloroethane	1.72	64	116993	18.045	ug/l	99
7) Trichlorofluoromethane	1.92	101	238552	18.554	ug/l	98
8) Diethyl Ether	2.17	74	106613	18.752	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144262	20.131	ug/l	99
10) Methyl Iodide	2.50	142	154220	17.383	ug/l	98
11) Tert butyl alcohol	3.02	59	198864	83.248	ug/l	97
12) 1,1-Dichloroethene	2.36	96	137674	19.619	ug/l	93
13) Acrolein	2.28	56	96628	74.635	ug/l	97
14) Allyl chloride	2.72	41	253862	19.910	ug/l	99
15) Acrylonitrile	3.12	53	426348	95.547	ug/l	100
16) Acetone	2.42	43	431748	95.506	ug/l	98
17) Carbon Disulfide	2.56	76	376424	20.041	ug/l	99
18) Methyl Acetate	2.76	43	237561	19.035	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	470304	20.094	ug/l	98
20) Methylene Chloride	2.84	84	158909	19.025	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	150420	19.687	ug/l	98
22) Diisopropyl ether	3.84	45	494406	20.085	ug/l	95
23) Vinyl Acetate	3.80	43	2088176	99.135	ug/l	99
24) 1,1-Dichloroethane	3.68	63	270640	19.654	ug/l	100
25) 2-Butanone	4.65	43	636572	95.987	ug/l	97
26) 2,2-Dichloropropane	4.57	77	225459	20.581	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	172321	20.133	ug/l	99
28) Bromochloromethane	5.00	49	76330	19.522	ug/l	97
29) Tetrahydrofuran	5.11	42	380970	93.219	ug/l	99
30) Chloroform	5.20	83	263019	19.343	ug/l	96
31) Cyclohexane	5.57	56	247391	19.965	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	229637	19.624	ug/l	98
36) 1,1-Dichloropropene	5.79	75	203759	21.093	ug/l	99
37) Ethyl Acetate	4.81	43	228693	19.159	ug/l	99
38) Carbon Tetrachloride	5.77	117	195023	20.646	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	251360	20.883	ug/l	97
40) Benzene	6.13	78	608992	20.239	ug/l	98
41) Methacrylonitrile	5.02	41	126822	18.956	ug/l	98
42) 1,2-Dichloroethane	6.18	62	218470	20.129	ug/l	99
43) Isopropyl Acetate	6.43	43	371004	19.960	ug/l	100
44) Trichloroethene	7.20	130	165305	19.958	ug/l	99
45) 1,2-Dichloropropane	7.50	63	153283	19.993	ug/l	100
46) Dibromomethane	7.65	93	104252	19.915	ug/l	99
47) Bromodichloromethane	7.89	83	200884	20.351	ug/l	99
48) Methyl methacrylate	7.76	41	187467	20.205	ug/l	100
49) 1,4-Dioxane	7.73	88	78514	369.511	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1193814	97.896	ug/l	100
52) Toluene	8.78	92	380992	20.429	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	222407	20.605	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	250297	20.730	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	156615	20.260	ug/l	98
56) Ethyl methacrylate	9.17	69	244019	19.476	ug/l	99
57) 1,3-Dichloropropane	9.37	76	264864	20.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	514767	97.393	ug/l	100
59) 2-Hexanone	9.48	43	939324	99.676	ug/l	99
60) Dibromochloromethane	9.57	129	161328	20.406	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164585	20.051	ug/l	99
64) Tetrachloroethene	9.33	164	147151	20.154	ug/l	97
65) Chlorobenzene	10.13	112	415465	20.121	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	155953	20.570	ug/l	98
67) Ethyl Benzene	10.25	91	724113	20.319	ug/l	99
68) m/p-Xylenes	10.35	106	560556	41.591	ug/l	99
69) o-Xylene	10.70	106	267449	20.269	ug/l	99
70) Styrene	10.71	104	457188	20.727	ug/l	99
71) Bromoform	10.85	173	123184	19.603	ug/l #	100
73) Isopropylbenzene	11.01	105	719301	21.257	ug/l	100
74) N-amyl acetate	10.89	43	323278	20.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	244501	19.806	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	278169	26.834	ug/l	79
77) Bromobenzene	11.25	156	189093	20.961	ug/l	98
78) n-propylbenzene	11.35	91	817643	21.691	ug/l	99
79) 2-Chlorotoluene	11.42	91	482843	21.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	600124	21.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77359	19.208	ug/l	96
82) 4-Chlorotoluene	11.51	91	548691	20.639	ug/l	100
83) tert-Butylbenzene	11.76	119	601872	21.213	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	617669	21.845	ug/l	100
85) sec-Butylbenzene	11.94	105	695785	21.337	ug/l	99
86) p-Isopropyltoluene	12.06	119	648874	21.609	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	333466	20.738	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	328415	20.046	ug/l	98
89) n-Butylbenzene	12.39	91	558071	21.300	ug/l	99
90) Hexachloroethane	12.59	117	110443	20.644	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	325893	20.275	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51875	17.248	ug/l	97

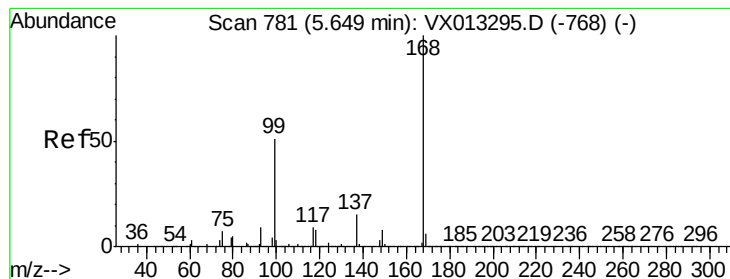
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	232618	20.747	ug/l	98
94) Hexachlorobutadiene	13.78	225	114807	20.930	ug/l	98
95) Naphthalene	13.83	128	713231	20.275	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	231652	20.602	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

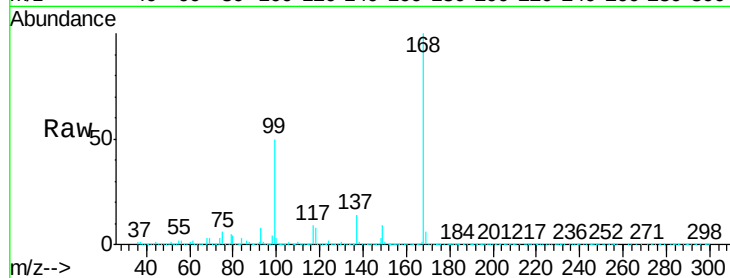
VX1104WBS01

Tgt Ion:168 Resp: 765024

Ion Ratio Lower Upper

168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

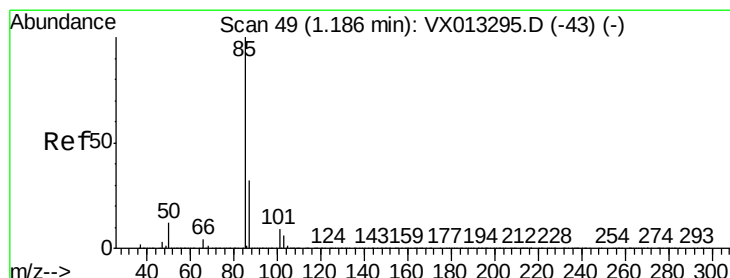
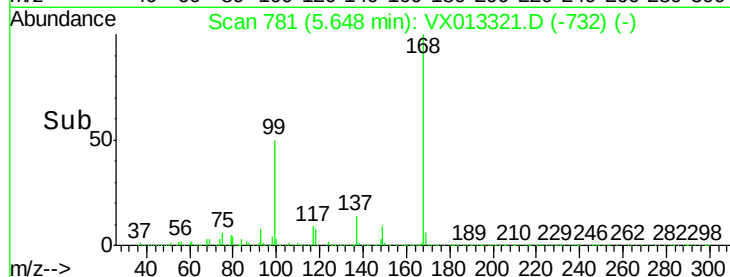
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.191 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013321.D

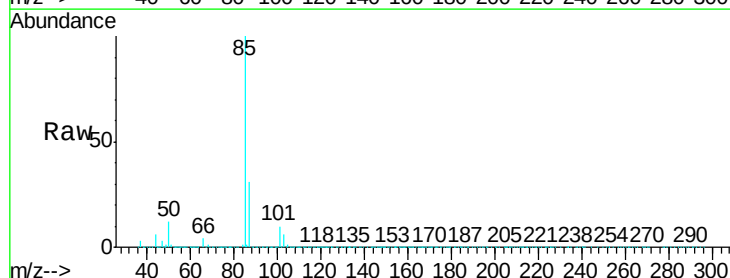
Acq: 04 Nov 2019 12:51

Tgt Ion: 85 Resp: 177974

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

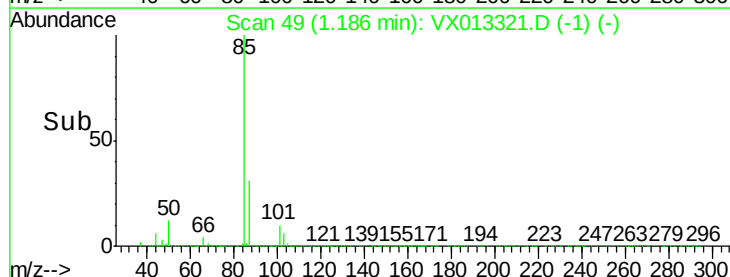
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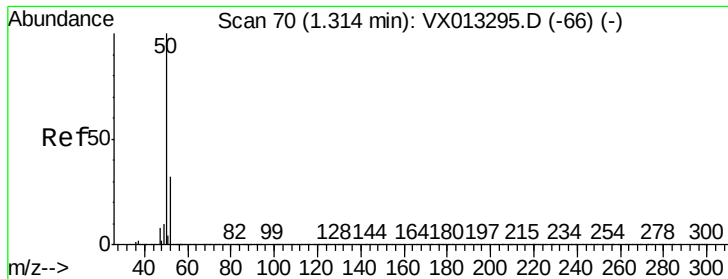
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.808 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

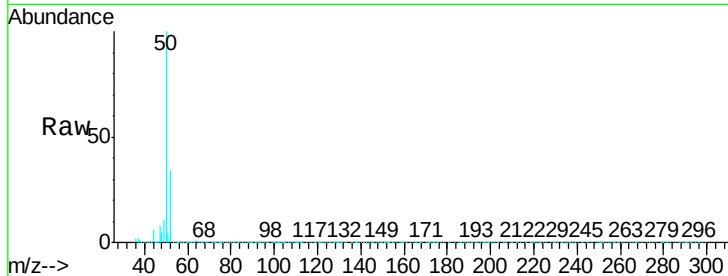
VX1104WBS01

Tgt Ion: 50 Resp: 189341

Ion Ratio Lower Upper

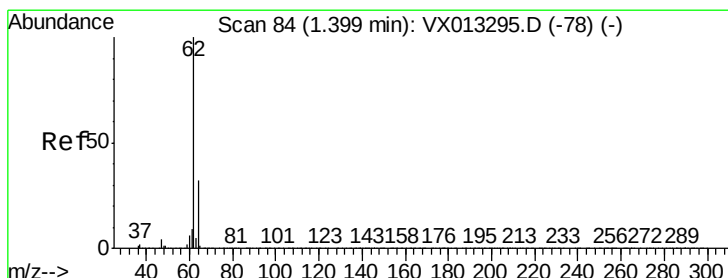
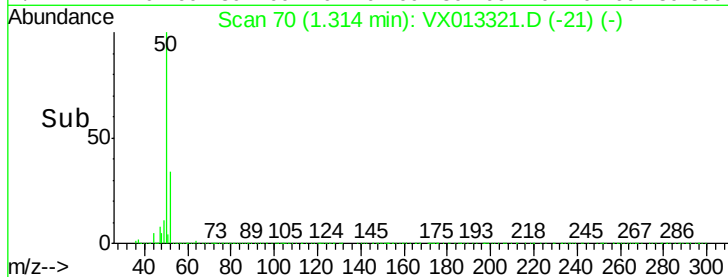
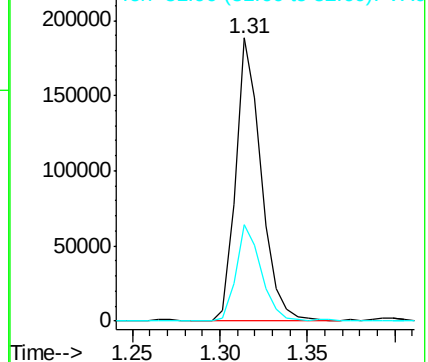
50 100

52 34.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.031 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013321.D

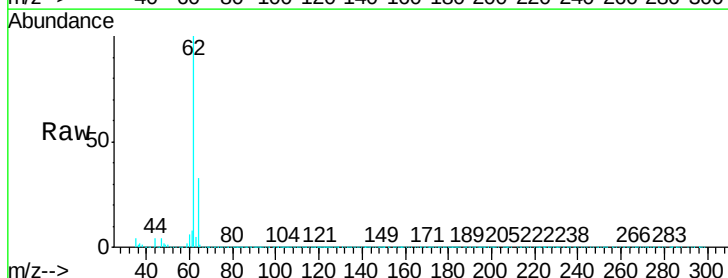
Acq: 04 Nov 2019 12:51

Tgt Ion: 62 Resp: 217989

Ion Ratio Lower Upper

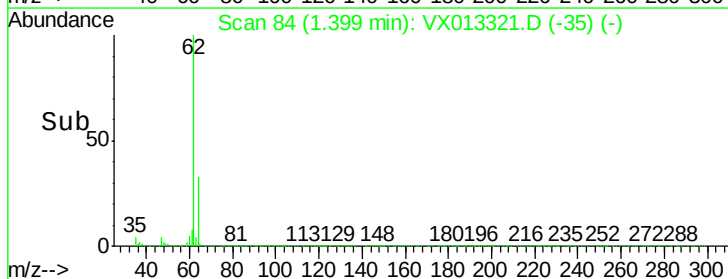
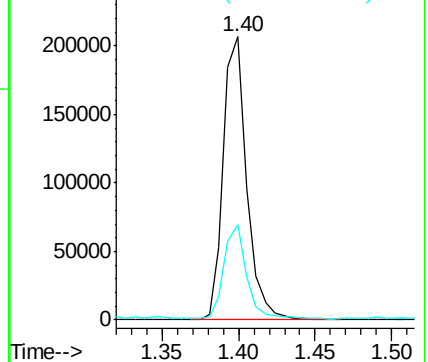
62 100

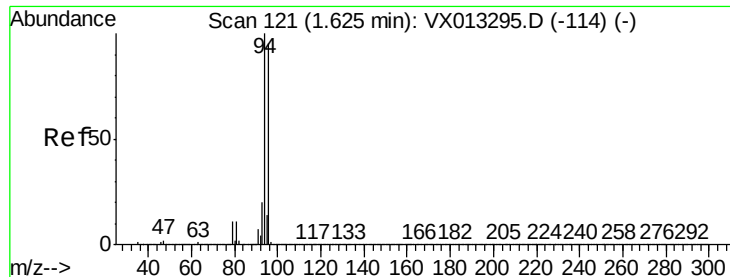
64 32.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.066 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

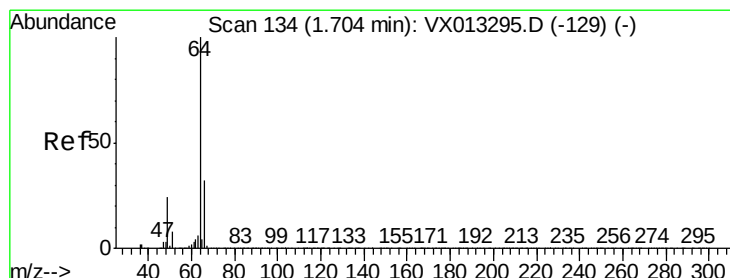
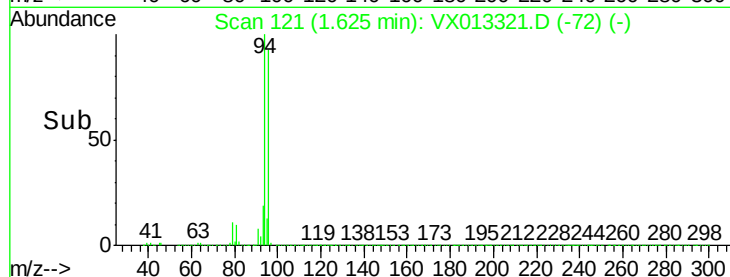
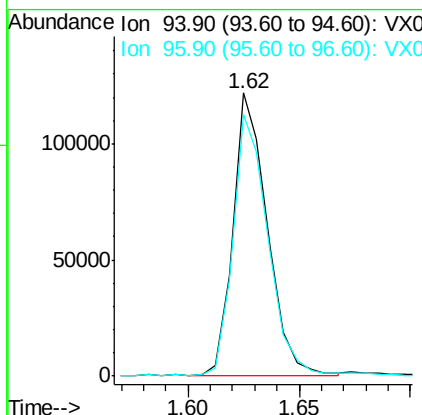
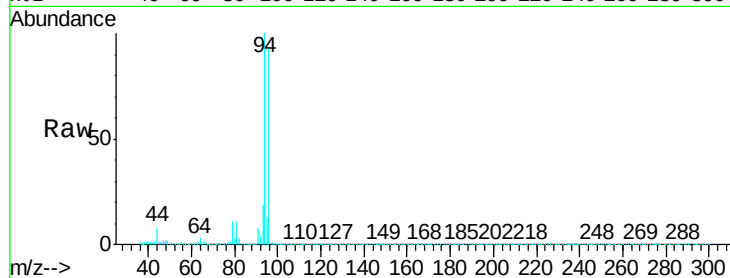
VX1104WBS01

Tgt Ion: 94 Resp: 129425

Ion Ratio Lower Upper

94 100

96 92.5 75.8 113.8



#6

Chloroethane

Concen: 18.045 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013321.D

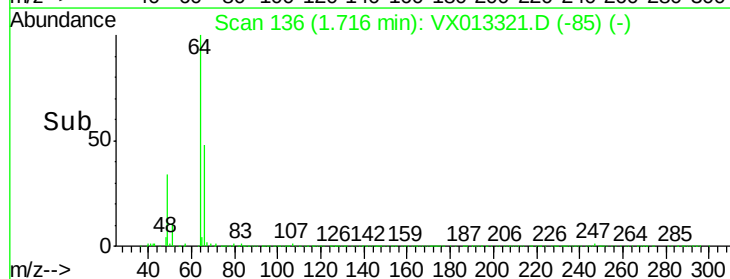
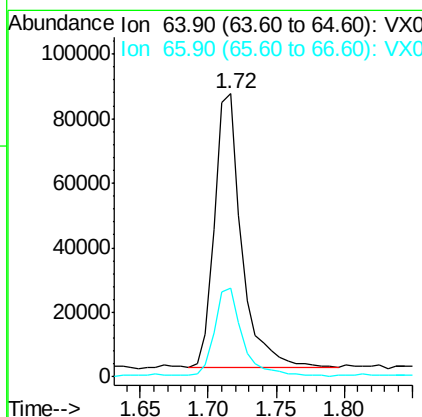
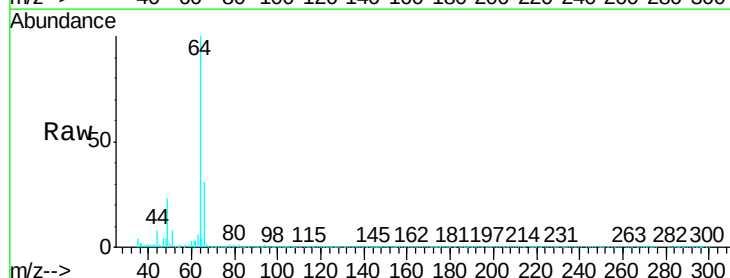
Acq: 04 Nov 2019 12:51

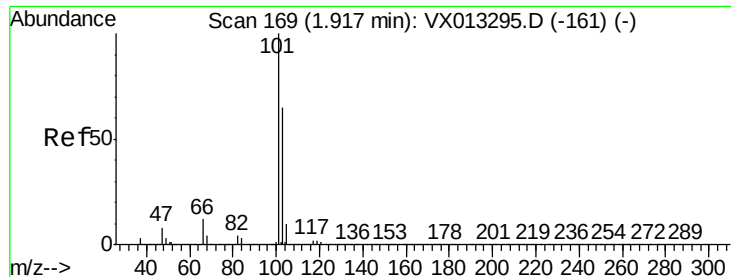
Tgt Ion: 64 Resp: 116993

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4





#7

Trichlorofluoromethane

Concen: 18.554 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

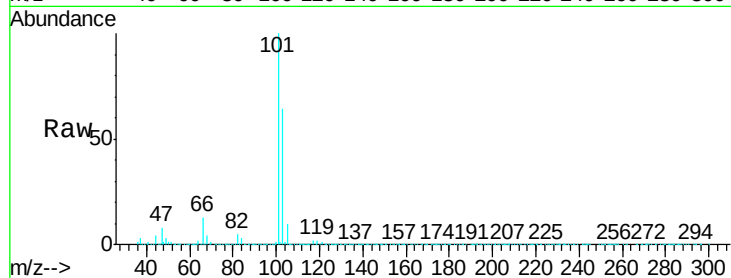
VX1104WBS01

Tgt Ion:101 Resp: 238552

Ion Ratio Lower Upper

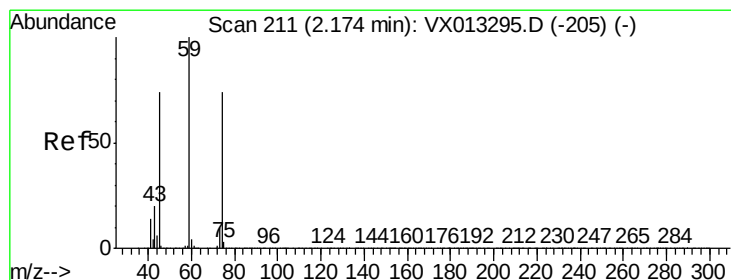
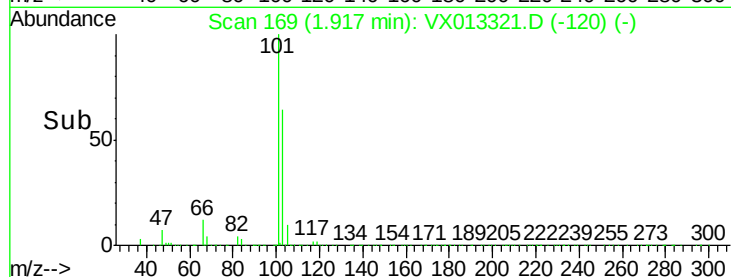
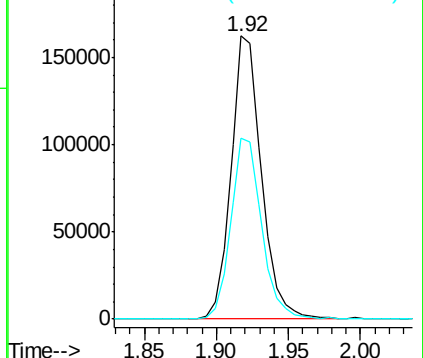
101 100

103 63.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.752 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX013321.D

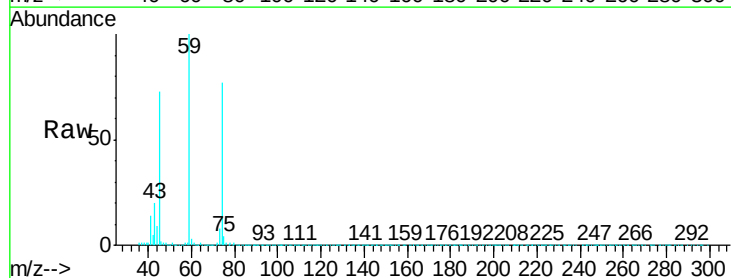
Acq: 04 Nov 2019 12:51

Tgt Ion: 74 Resp: 106613

Ion Ratio Lower Upper

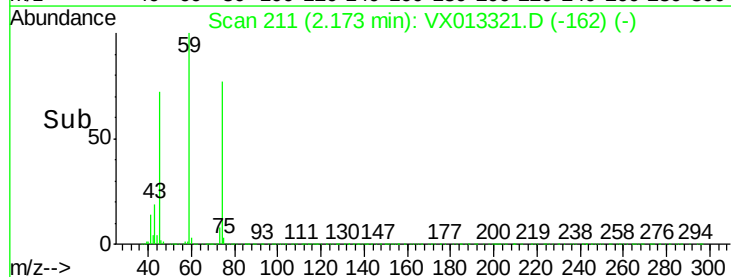
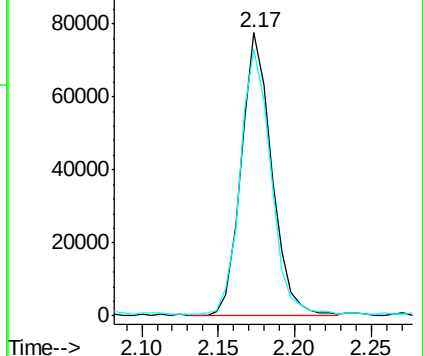
74 100

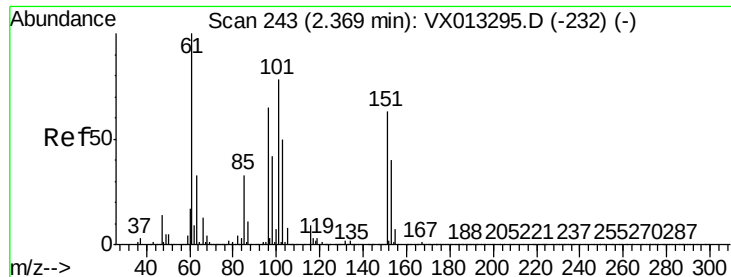
45 95.1 48.5 145.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.131 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

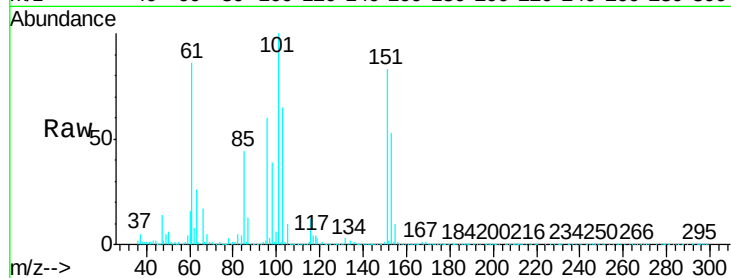
Tgt Ion:101 Resp: 144262

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

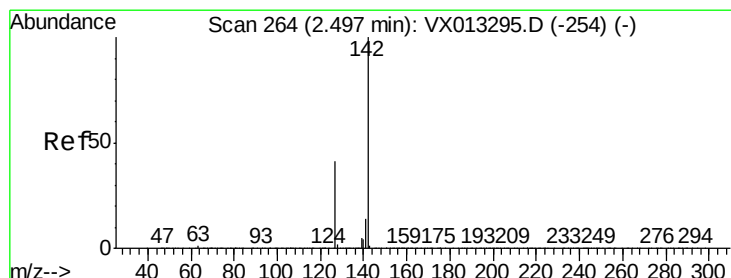
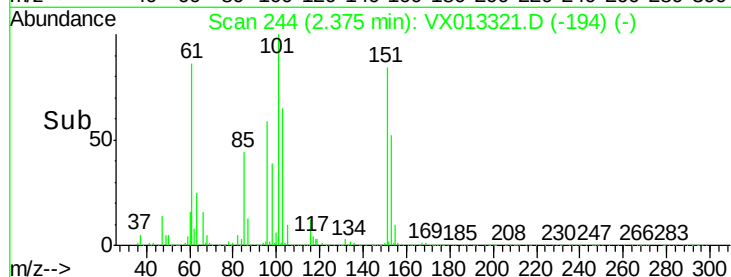
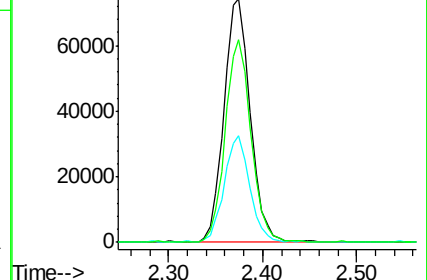
151 81.3 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.383 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

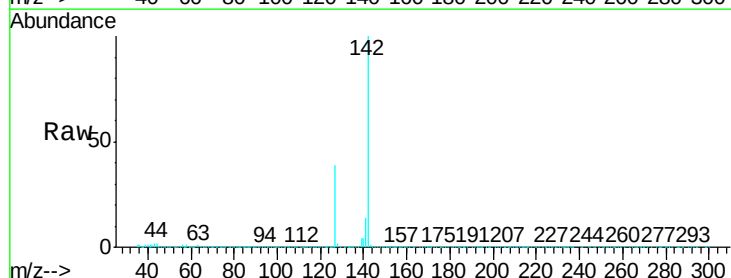
Tgt Ion:142 Resp: 154220

Ion Ratio Lower Upper

142 100

127 38.9 32.6 49.0

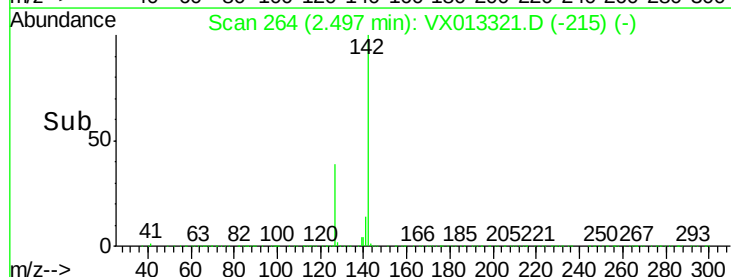
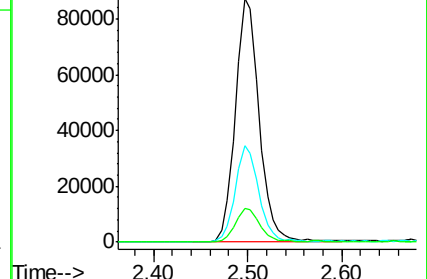
141 14.2 11.6 17.4

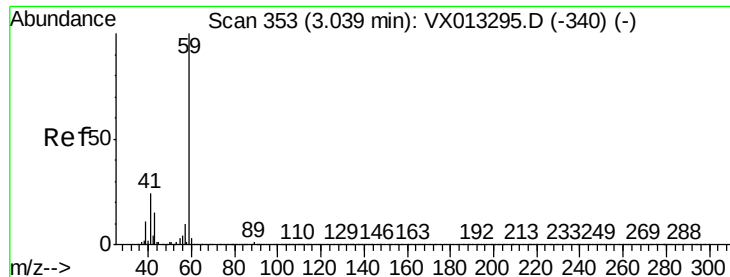


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

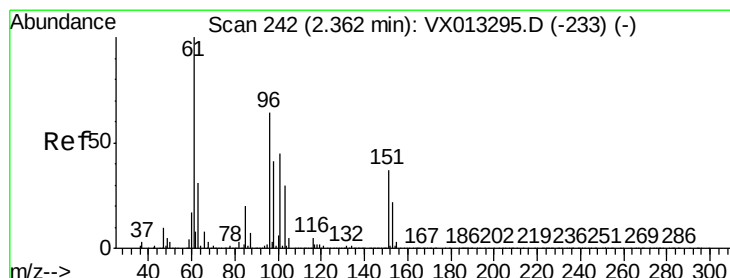
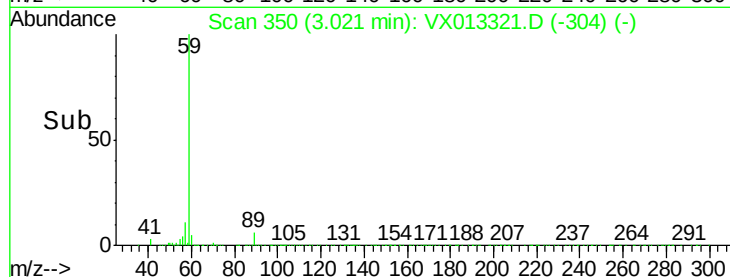
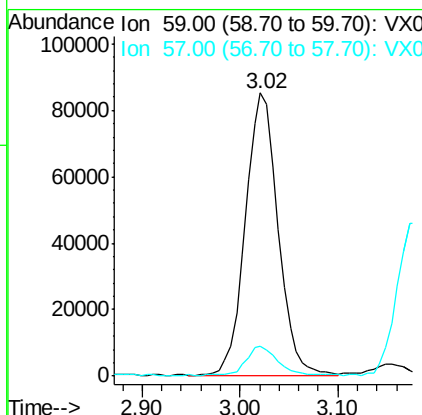
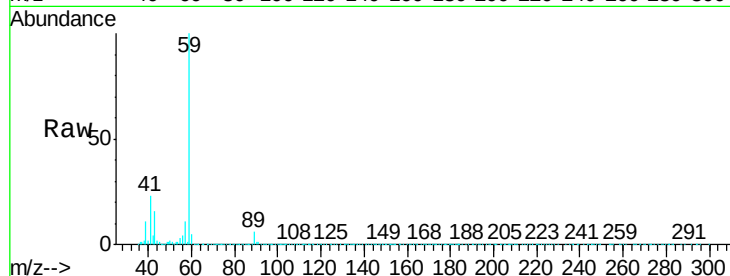




#11
Tert butyl alcohol
Concen: 83.248 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

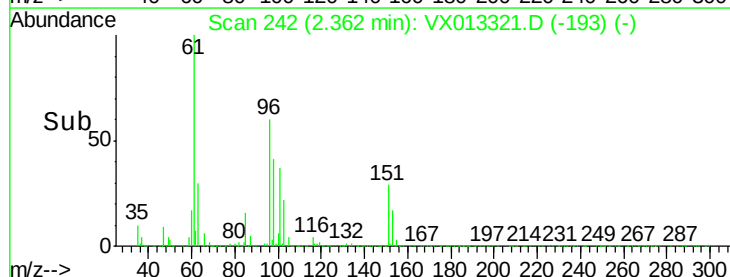
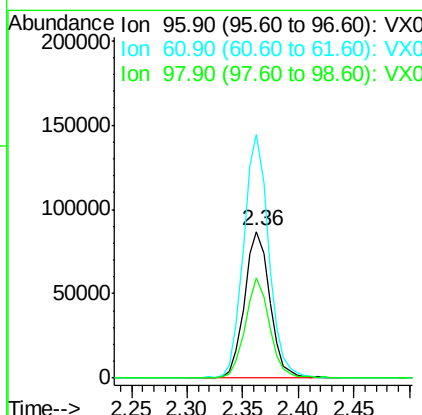
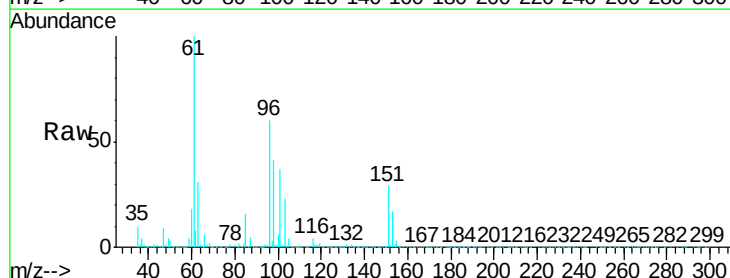
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

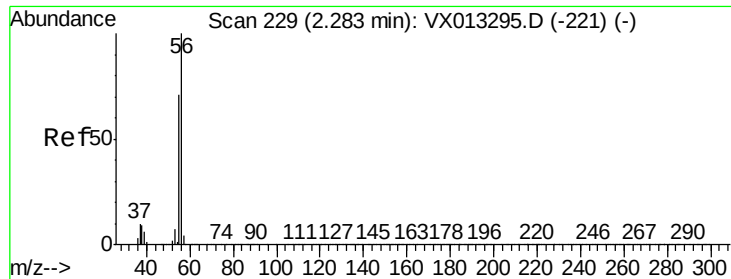
Tgt Ion: 59 Resp: 198864
Ion Ratio Lower Upper
59 100
57 11.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.619 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 96 Resp: 137674
Ion Ratio Lower Upper
96 100
61 165.7 125.0 187.6
98 68.2 50.7 76.1





#13

Acrolein

Concen: 74.635 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

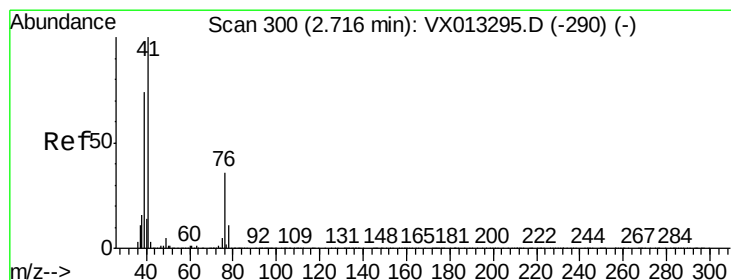
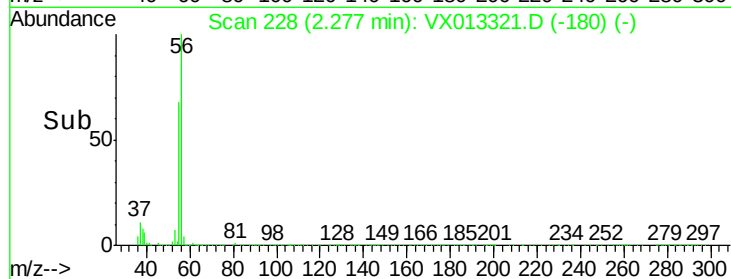
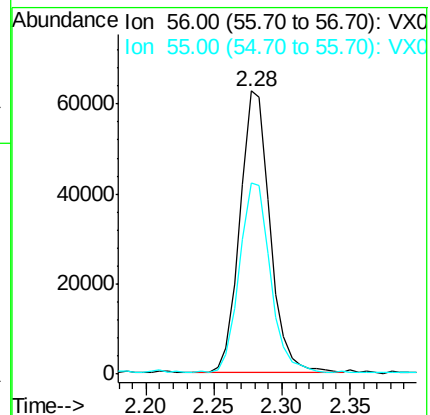
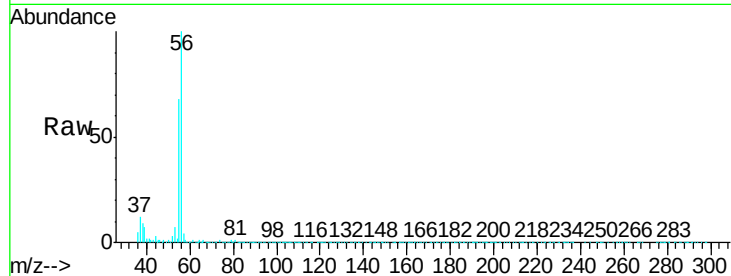
VX1104WBS01

Tgt Ion: 56 Resp: 96628

Ion Ratio Lower Upper

56 100

55 69.5 57.4 86.0



#14

Allyl chloride

Concen: 19.910 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

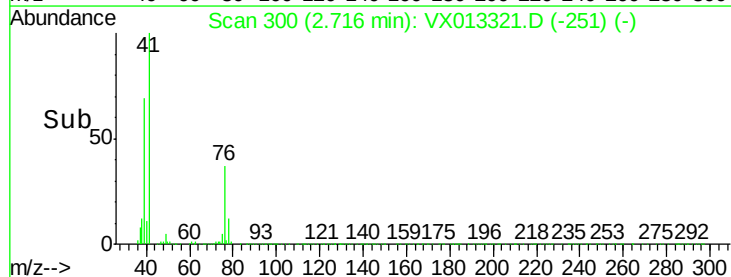
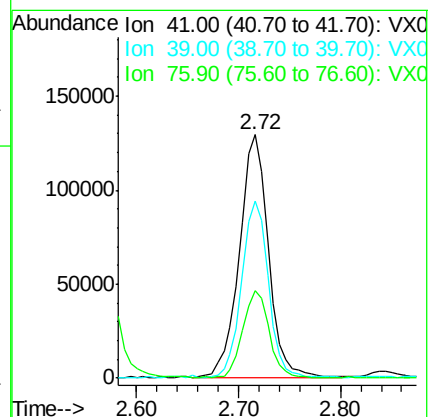
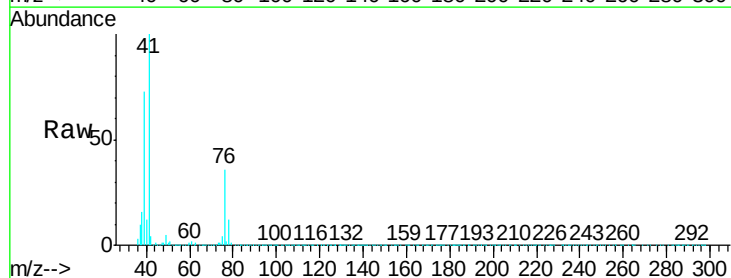
Tgt Ion: 41 Resp: 253862

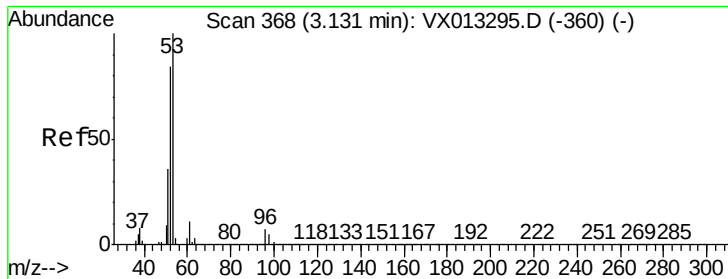
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.8

76 32.9 26.4 39.6

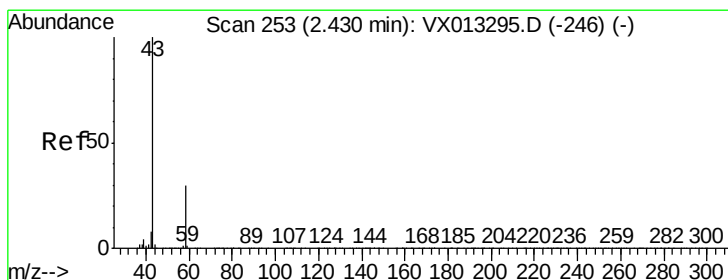
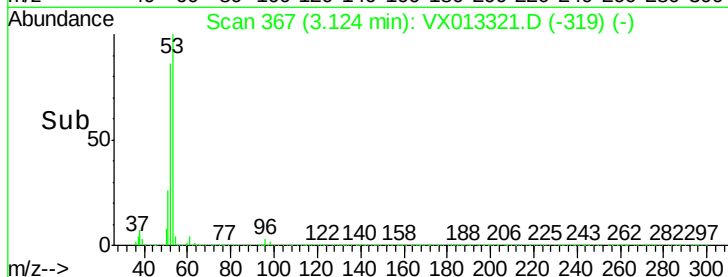
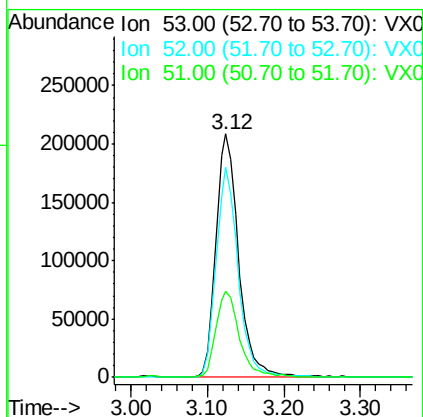
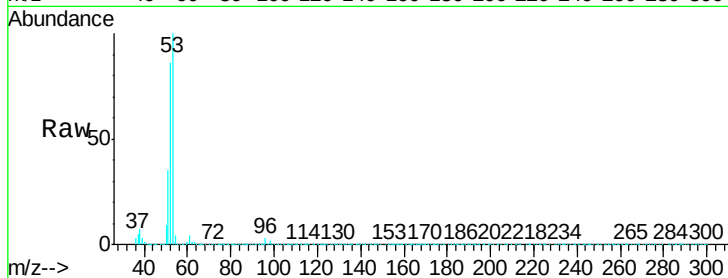




#15
Acrylonitrile
Concen: 95.547 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

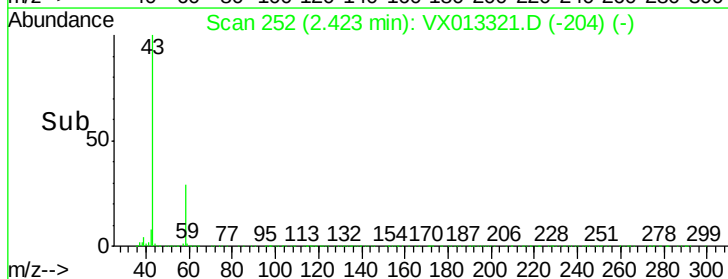
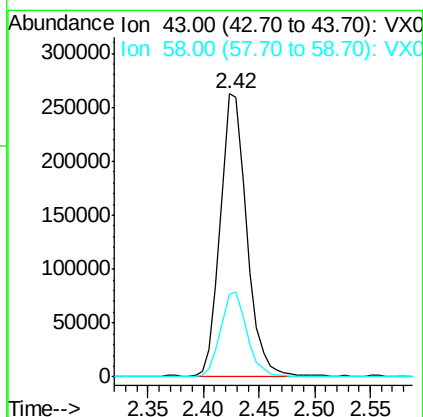
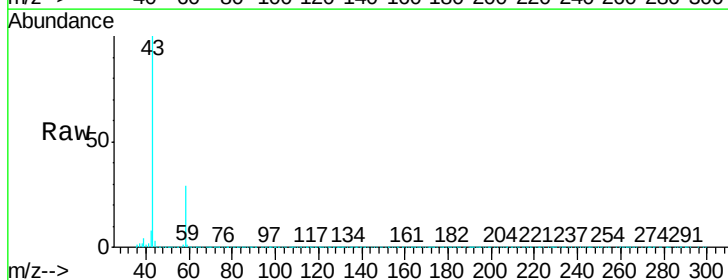
Instrument :
MSVOA_X
ClientSampled :
VX1104WBS01

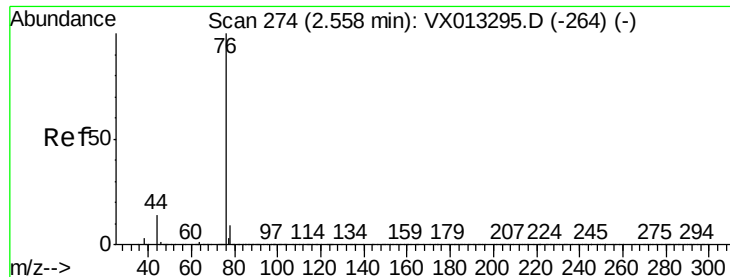
Tgt Ion: 53 Resp: 426348
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 36.4 29.4 44.2



#16
Acetone
Concen: 95.506 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 43 Resp: 431748
Ion Ratio Lower Upper
43 100
58 29.1 24.3 36.5





#17

Carbon Disulfide

Concen: 20.041 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

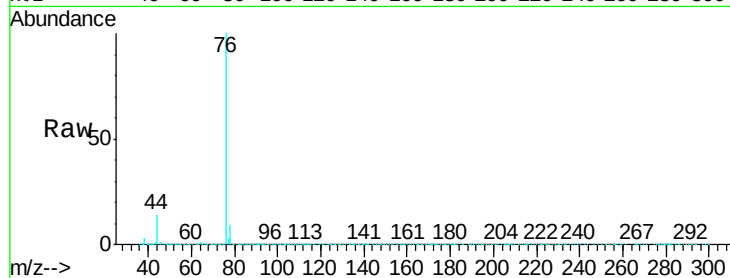
VX1104WBS01

Tgt Ion: 76 Resp: 376424

Ion Ratio Lower Upper

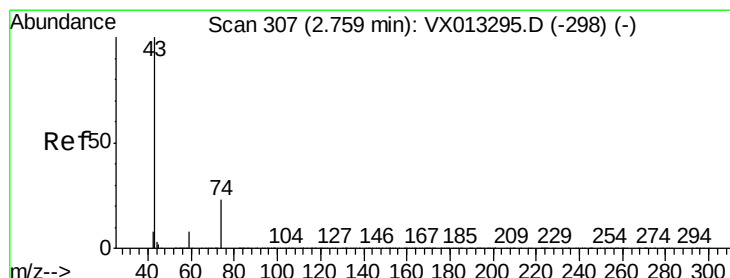
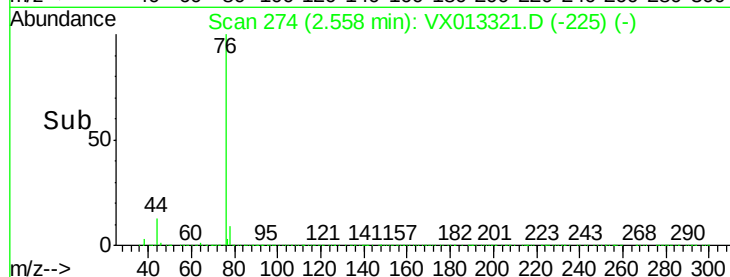
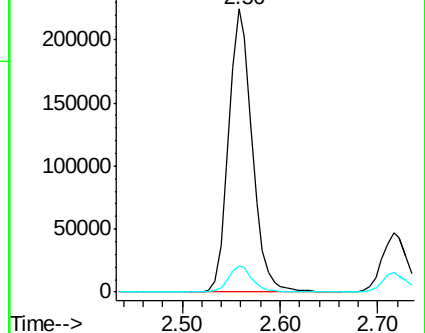
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.035 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013321.D

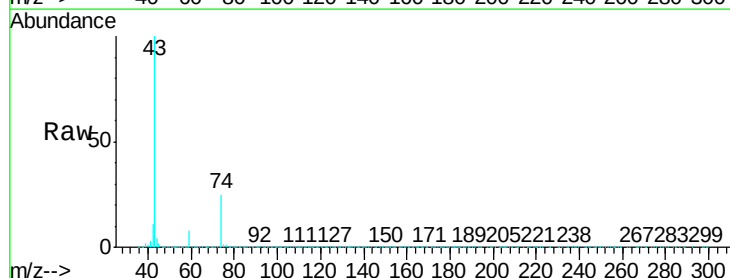
Acq: 04 Nov 2019 12:51

Tgt Ion: 43 Resp: 237561

Ion Ratio Lower Upper

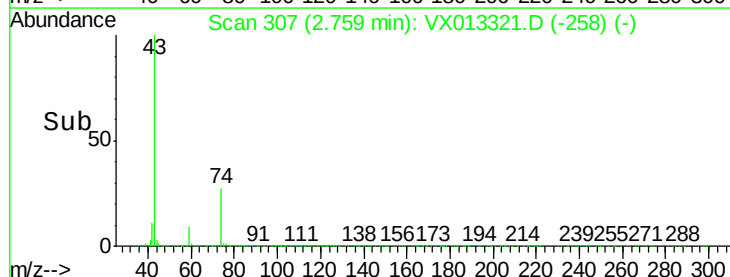
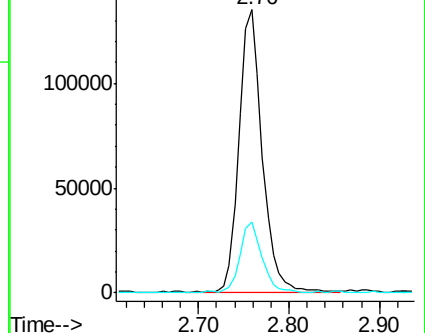
43 100

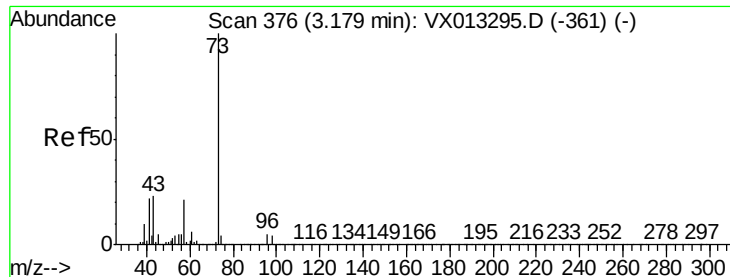
74 24.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

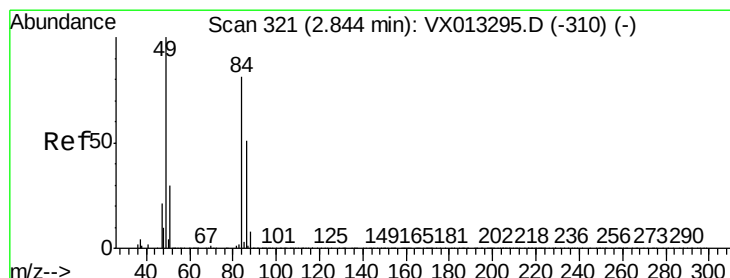
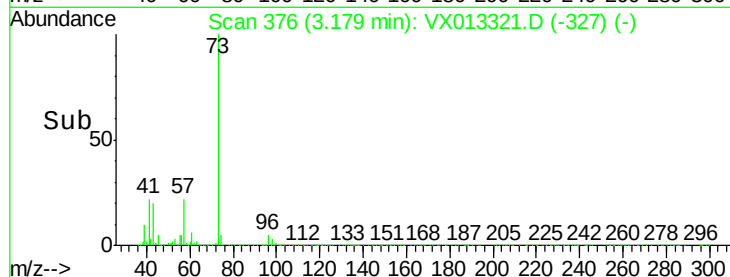
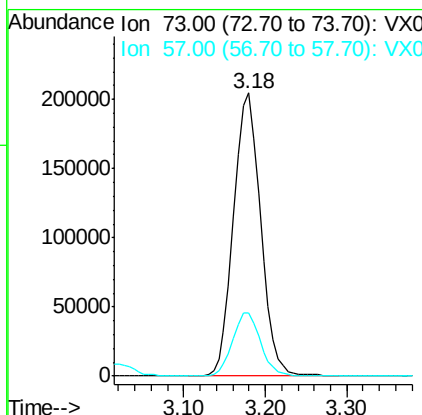
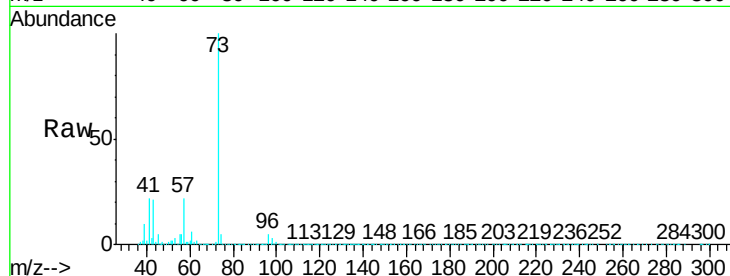




#19
Methyl tert-butyl Ether
Concen: 20.094 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

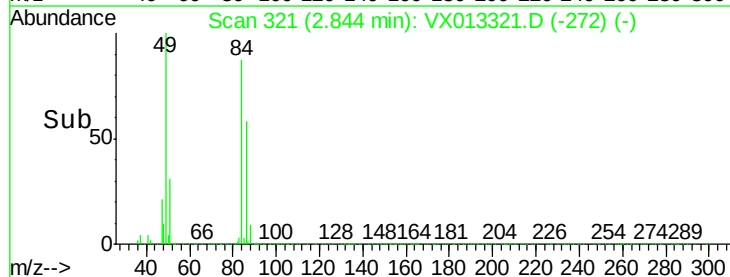
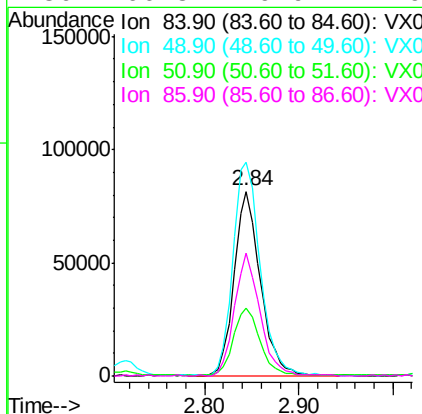
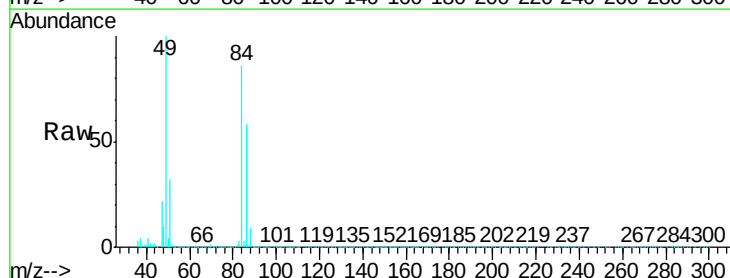
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

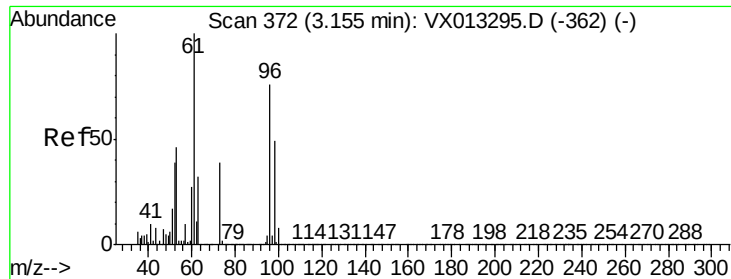
Tgt Ion: 73 Resp: 470304
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 19.025 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 84 Resp: 158909
Ion Ratio Lower Upper
84 100
49 115.7 98.2 147.4
51 36.4 29.9 44.9
86 66.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.687 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

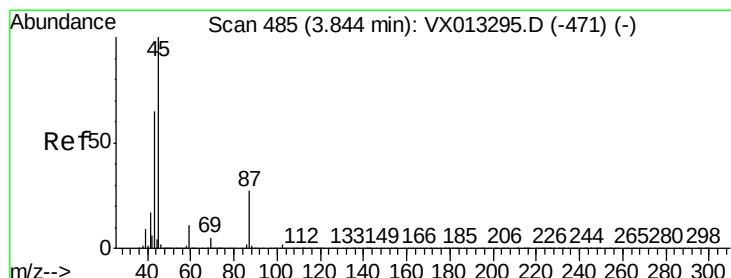
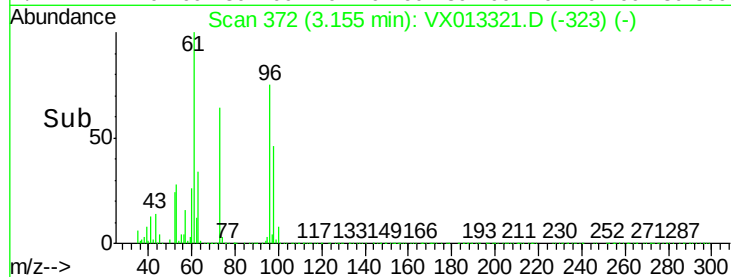
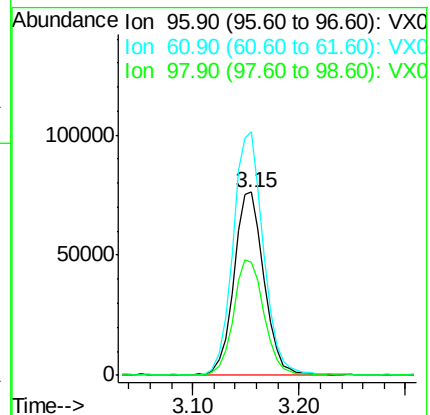
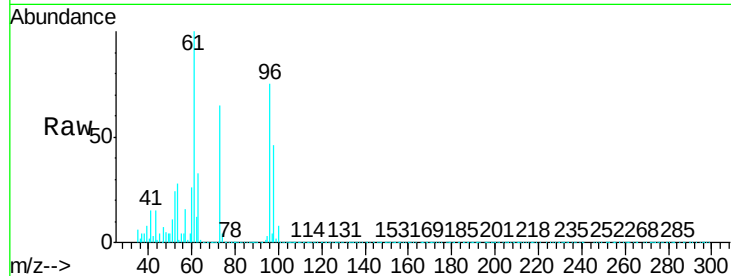
Tgt Ion: 96 Resp: 150420

Ion Ratio Lower Upper

96 100

61 132.7 105.8 158.6

98 61.7 51.8 77.6



#22

Diisopropyl ether

Concen: 20.085 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion: 45 Resp: 494406

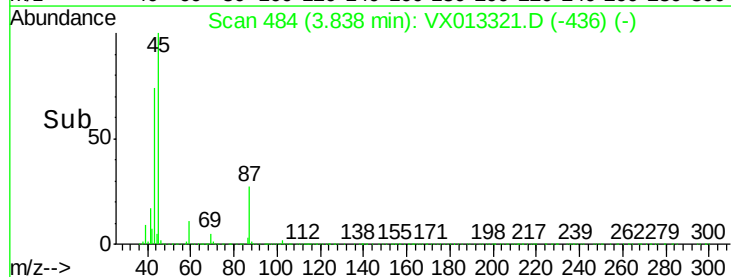
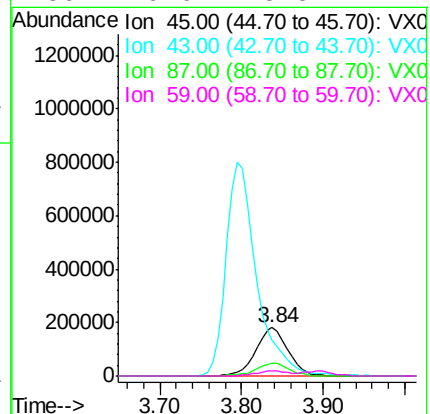
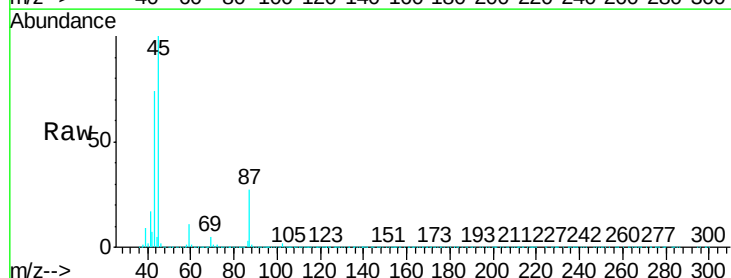
Ion Ratio Lower Upper

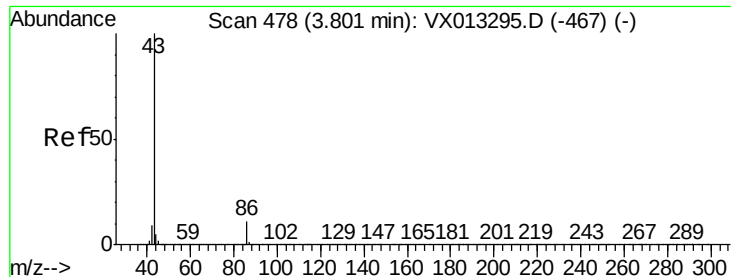
45 100

43 74.1 54.2 81.2

87 27.1 21.8 32.8

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 99.135 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

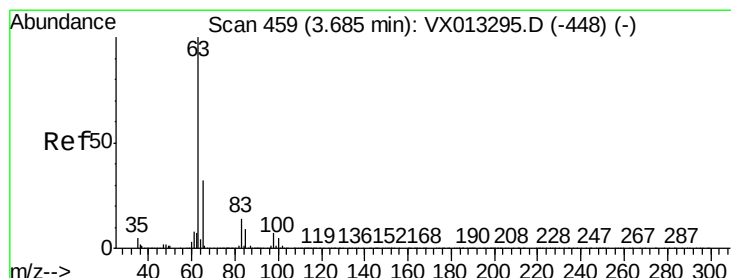
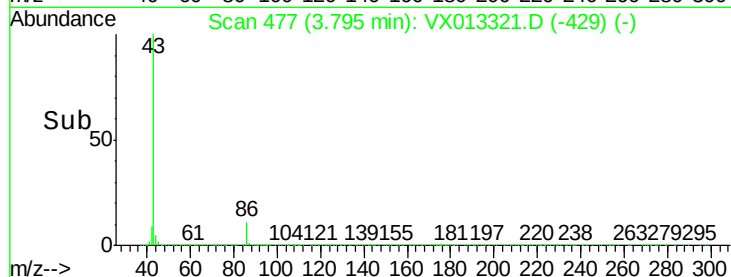
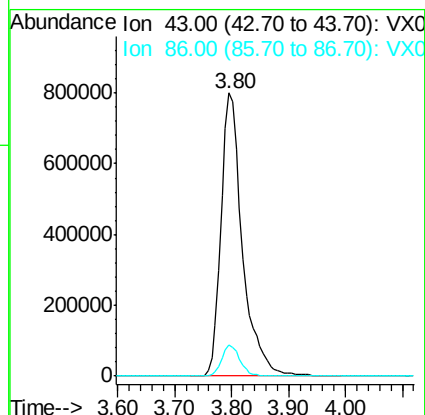
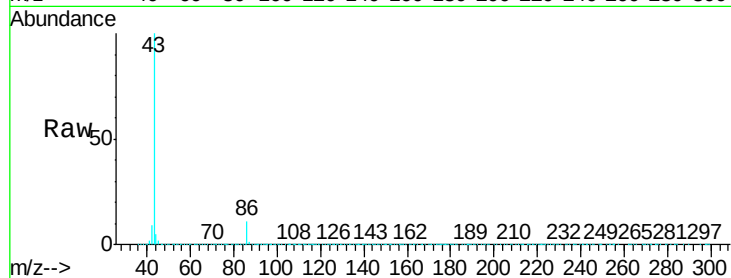
VX1104WBS01

Tgt Ion: 43 Resp: 2088176

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 19.654 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

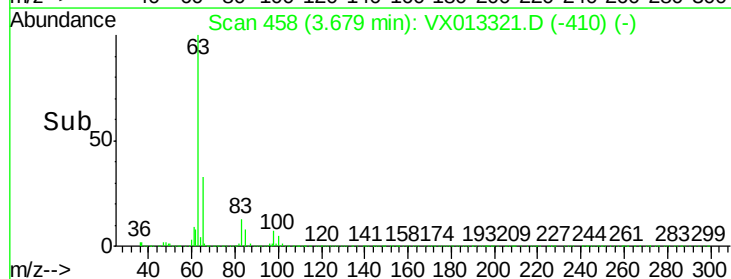
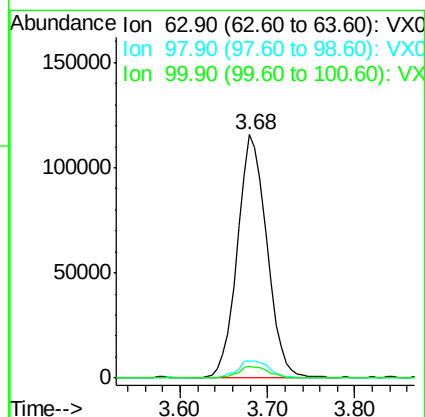
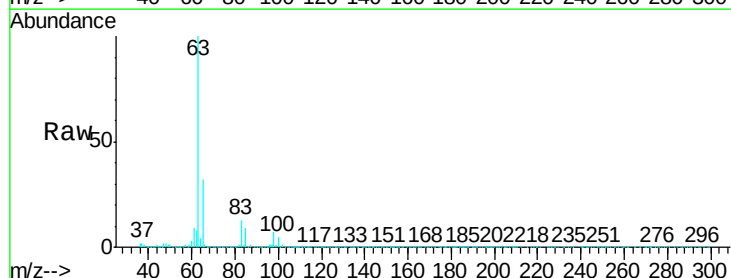
Tgt Ion: 63 Resp: 270640

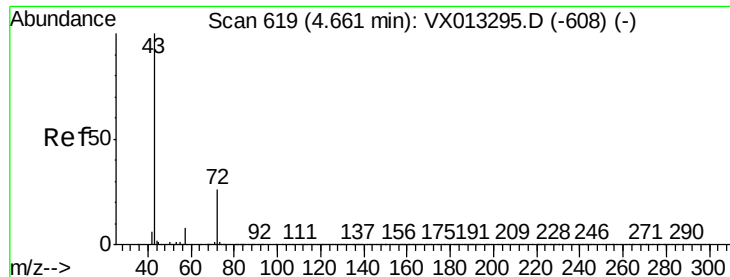
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.9 2.4 7.2

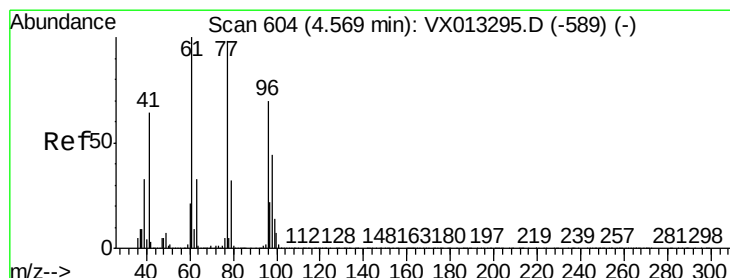
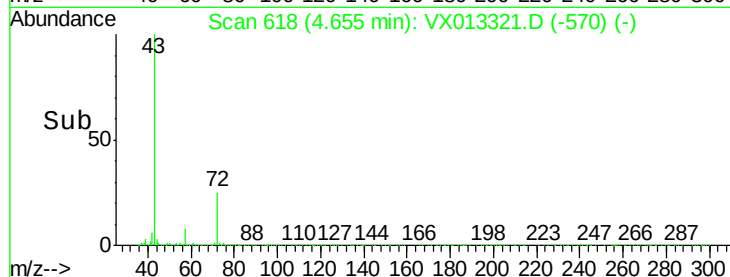
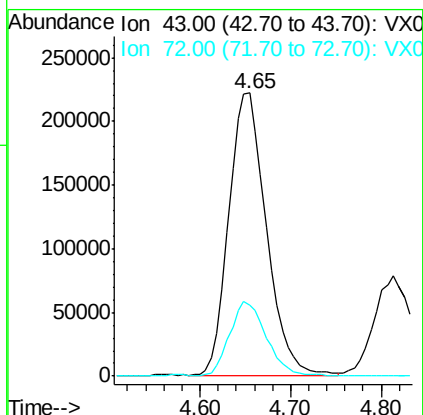
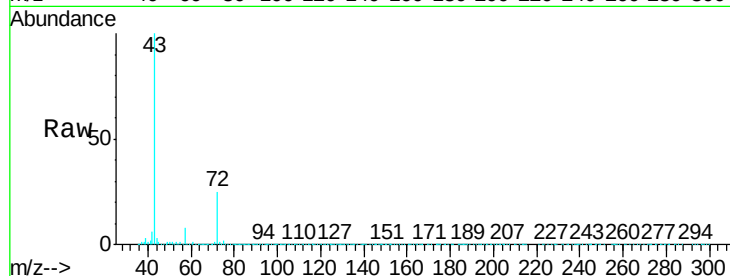




#25
2-Butanone
Concen: 95.987 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

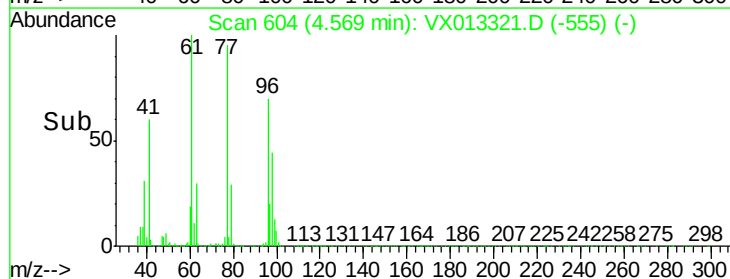
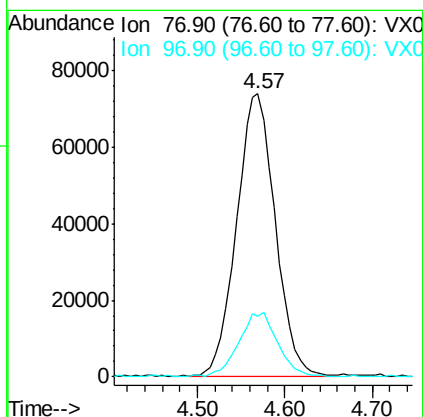
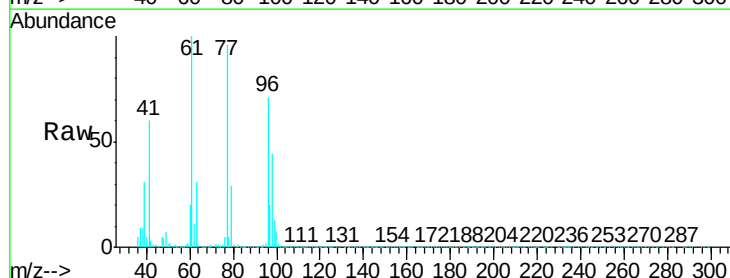
Instrument :
MSVOA_X
ClientSampled :
VX1104WBS01

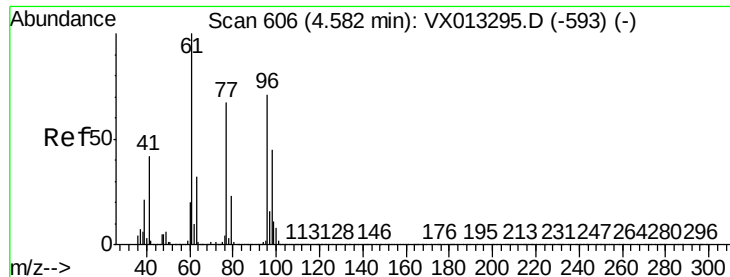
Tgt Ion: 43 Resp: 636572
Ion Ratio Lower Upper
43 100
72 24.8 21.0 31.6



#26
2,2-Dichloropropane
Concen: 20.581 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 77 Resp: 225459
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8



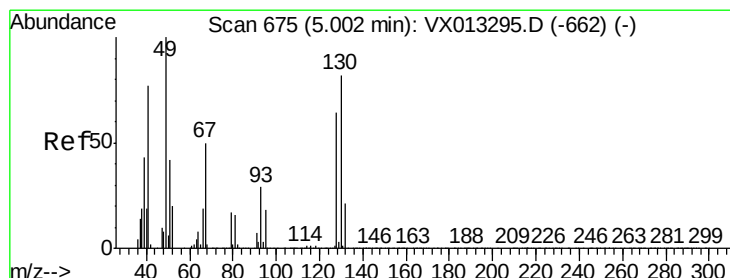
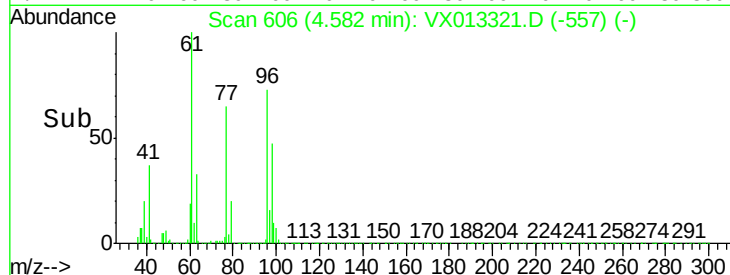
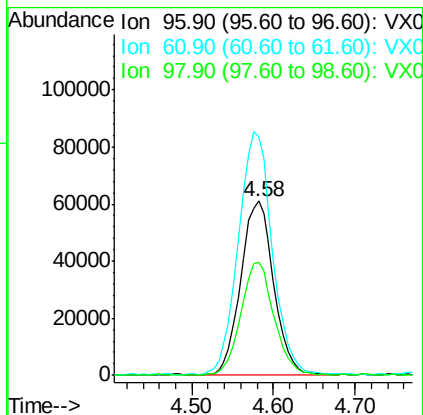
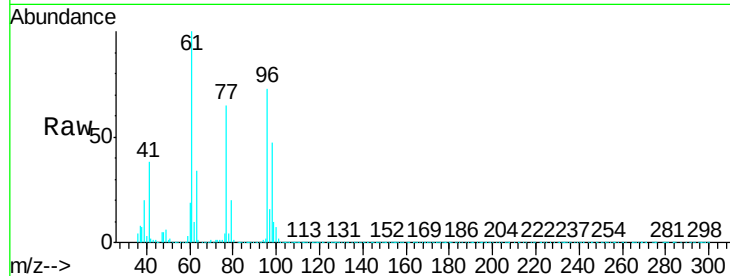


#27

cis-1,2-Dichloroethene
Concen: 20.133 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

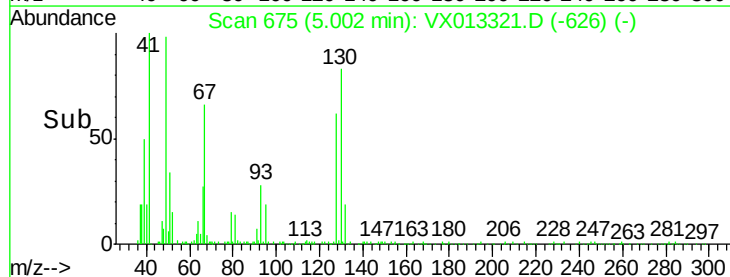
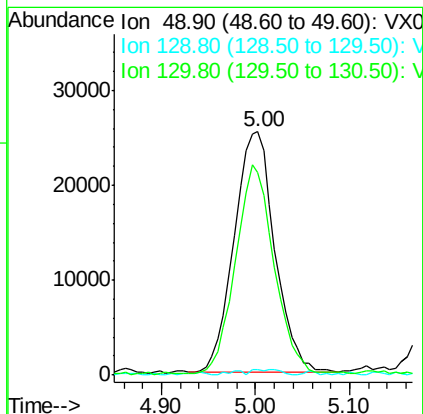
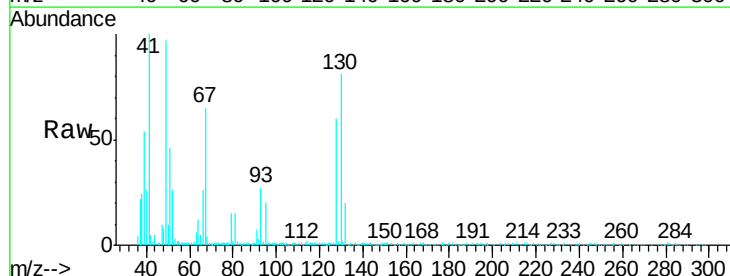
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	288.0
98	64.3	0.0	129.6

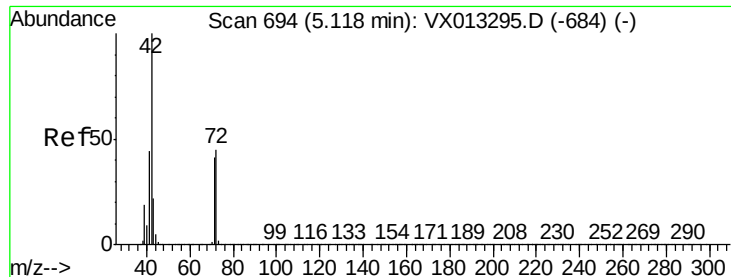


#28

Bromochloromethane
Concen: 19.522 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.2
130	82.4	63.8	95.6

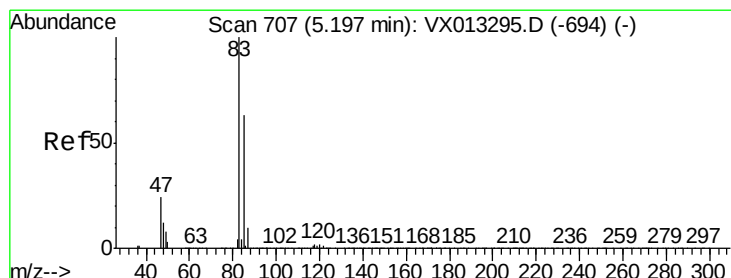
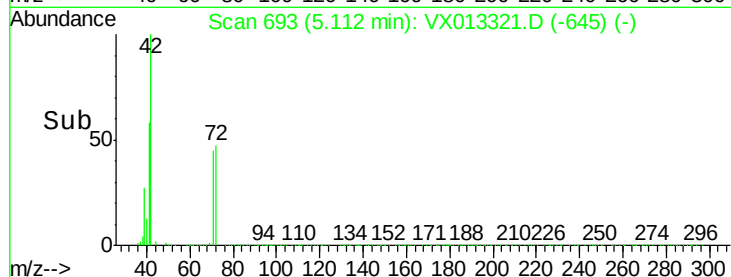
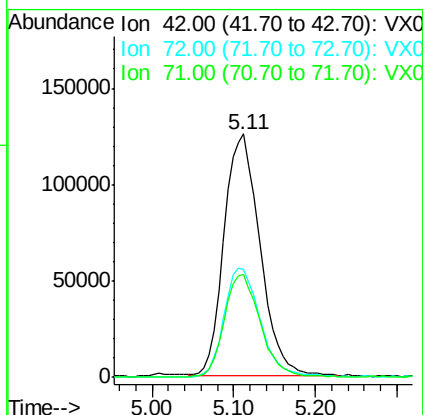
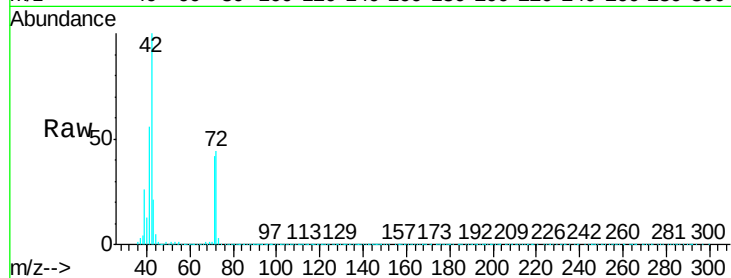




#29
Tetrahydrofuran
Concen: 93.219 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

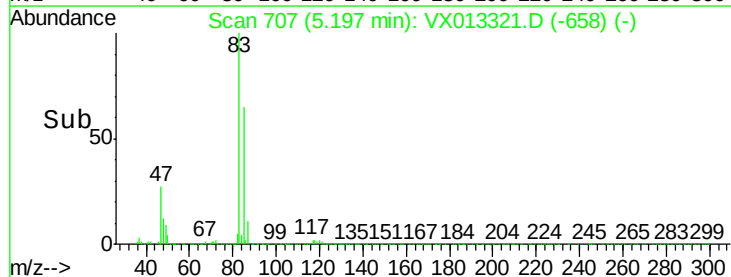
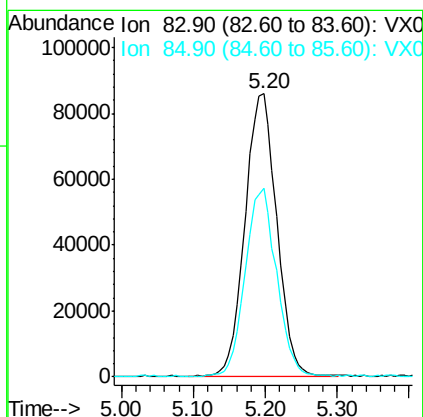
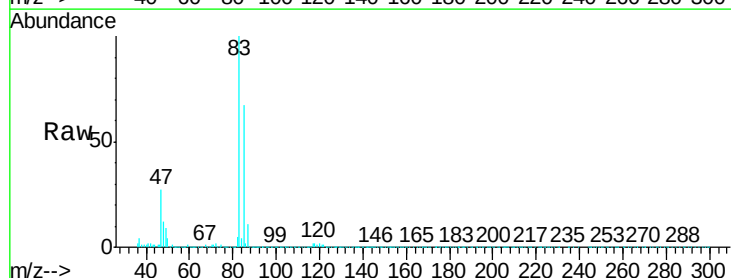
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

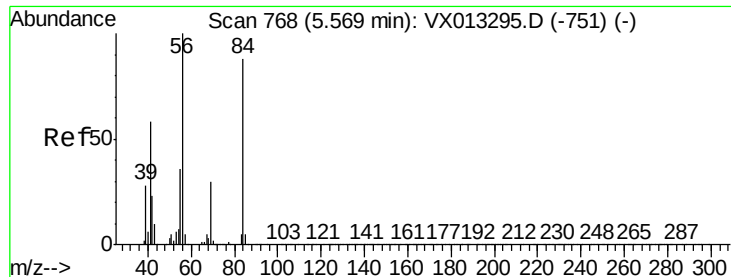
Tgt Ion: 42 Resp: 380970
Ion Ratio Lower Upper
42 100
72 45.6 35.8 53.8
71 42.6 33.4 50.0



#30
Chloroform
Concen: 19.343 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 83 Resp: 263019
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4





#31

Cyclohexane

Concen: 19.965 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

VX1104WBS01

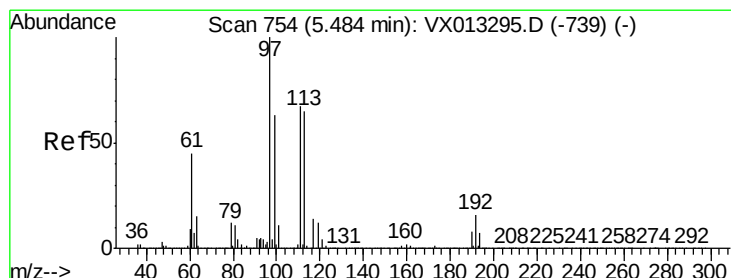
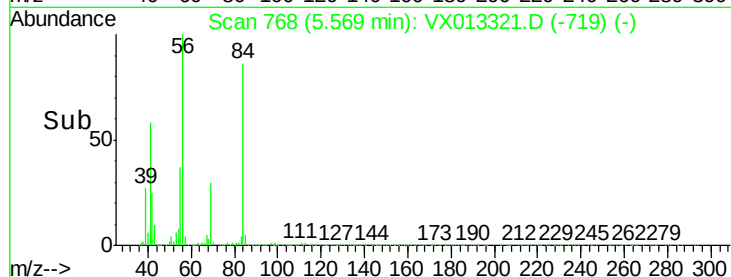
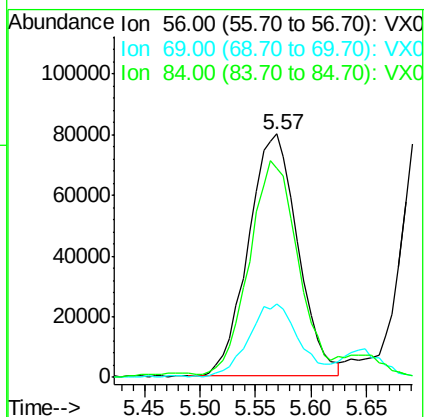
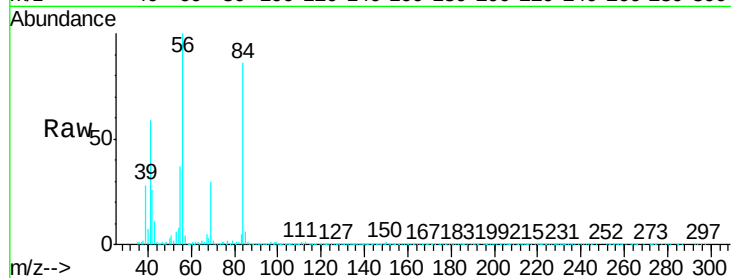
Tgt Ion: 56 Resp: 247391

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

84 84.8 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 19.624 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

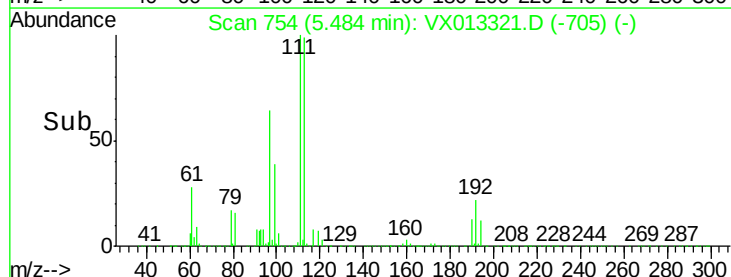
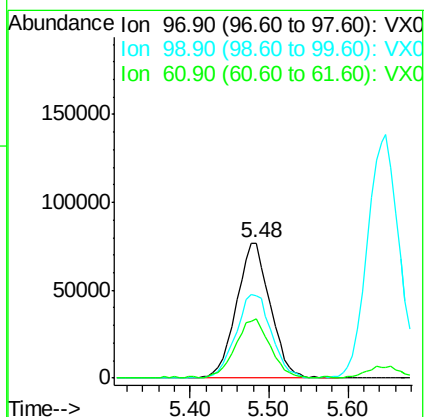
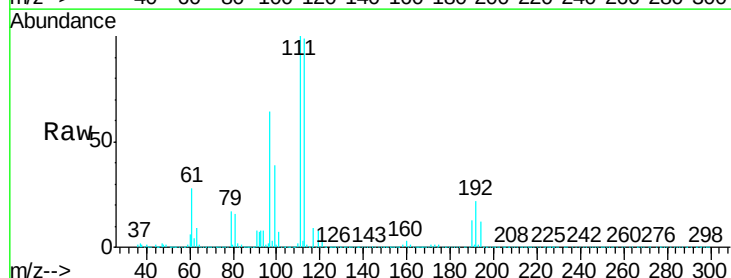
Tgt Ion: 97 Resp: 229637

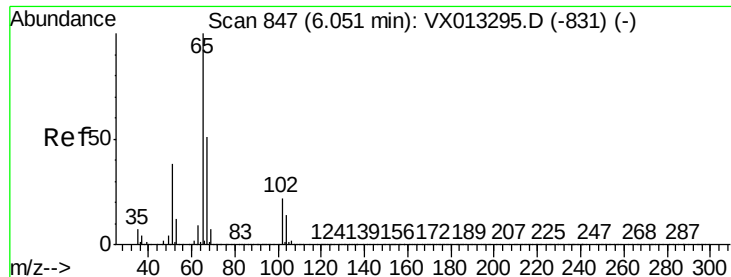
Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 43.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.776 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

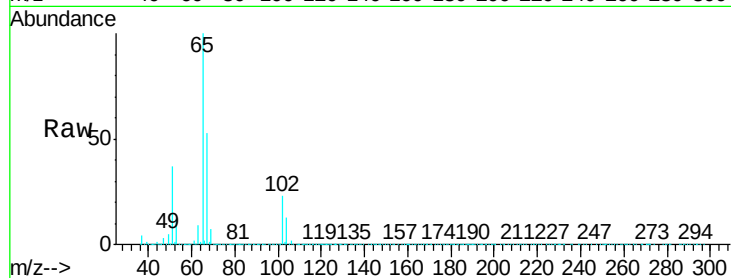
VX1104WBS01

Tgt Ion: 65 Resp: 423945

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

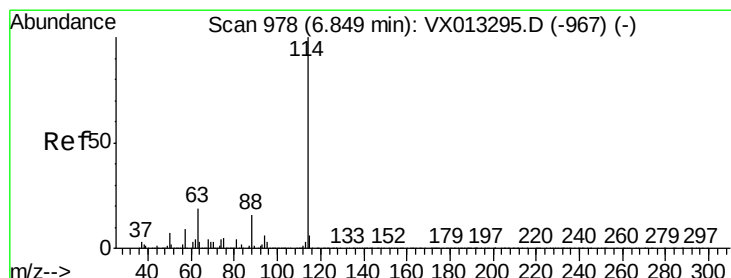
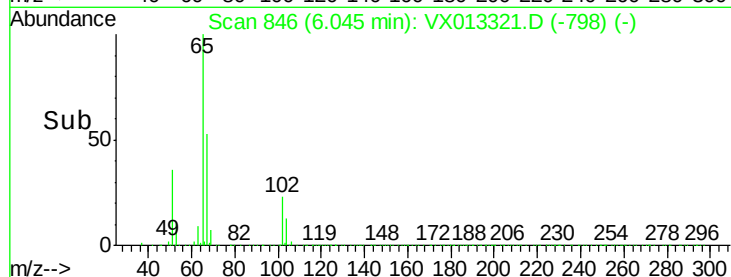
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

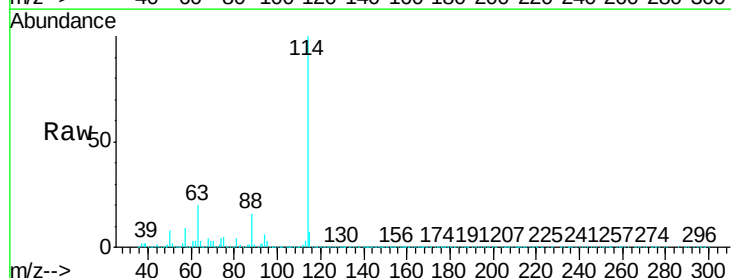
Tgt Ion: 114 Resp: 1126018

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 15.6 0.0 32.2



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

6.84

600000

500000

400000

300000

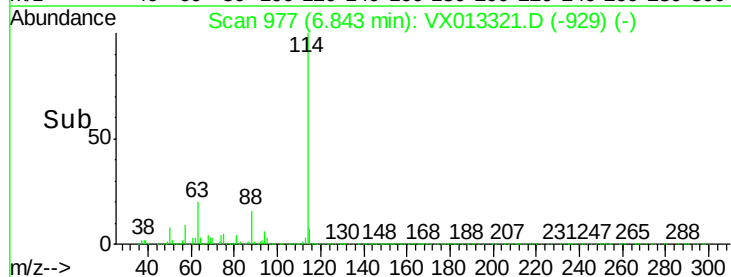
200000

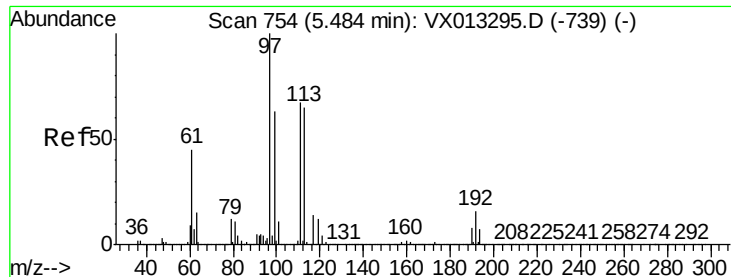
100000

0

Time-->

6.70 6.80 6.90 7.00

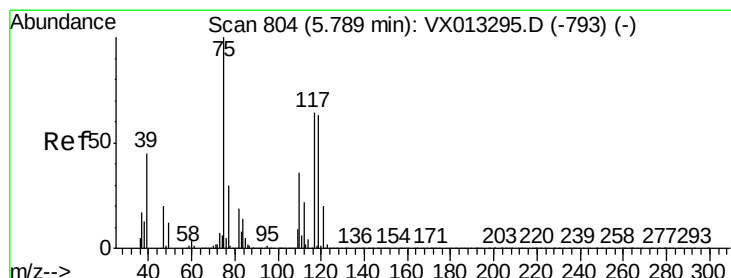
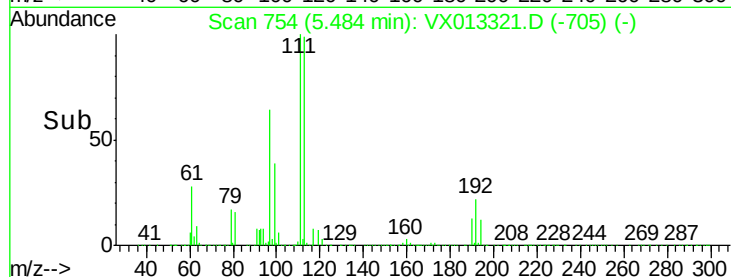
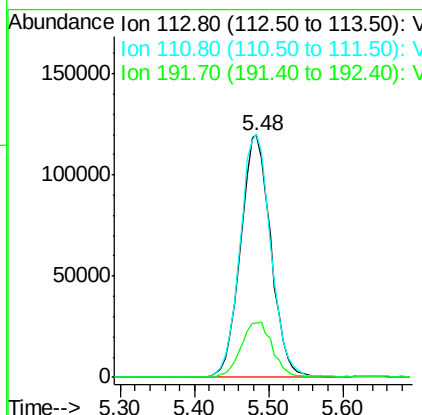
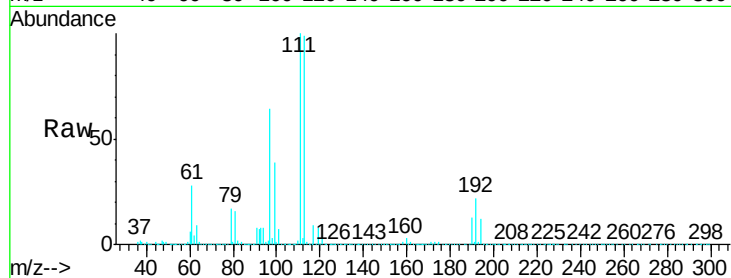




#35
 Dibromofluoromethane
 Concen: 48.261 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

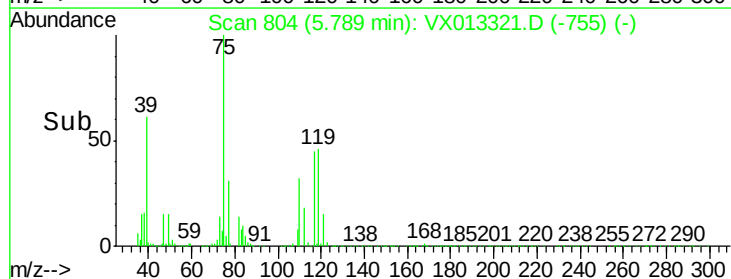
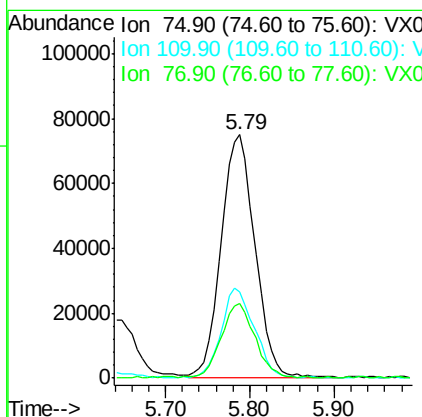
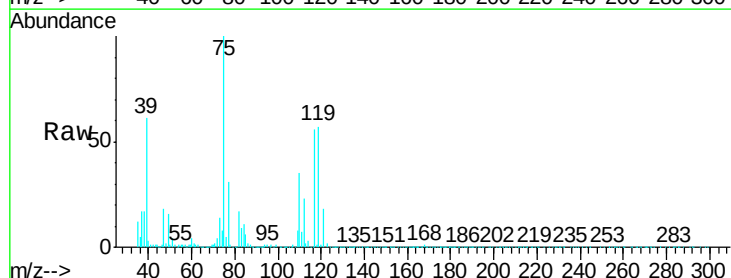
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

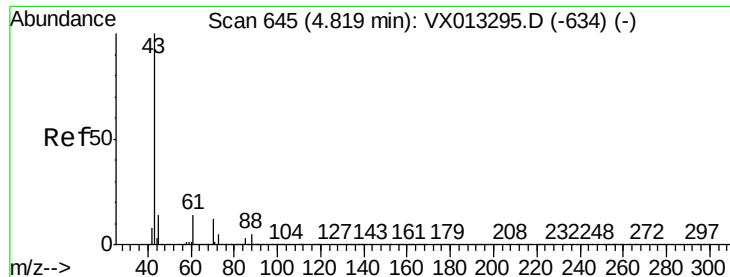
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	23.8	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 21.093 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	30.1	25.0	37.4

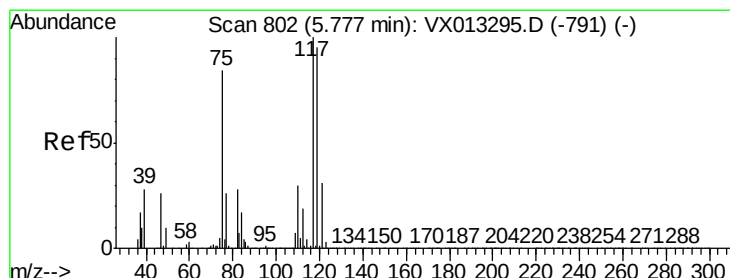
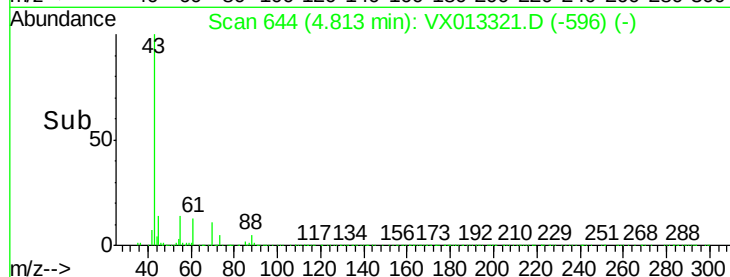
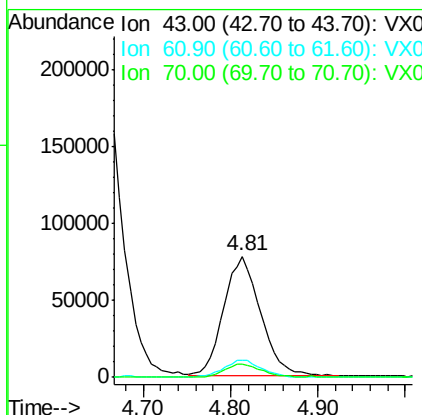
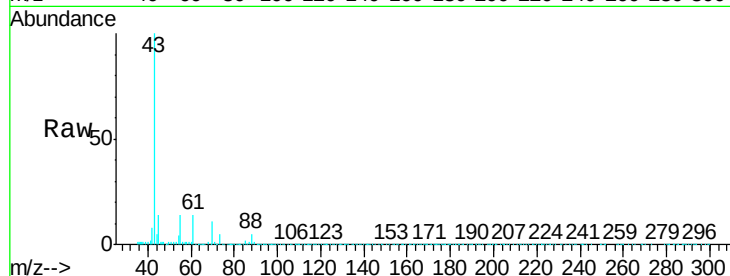




#37
Ethyl Acetate
Concen: 19.159 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

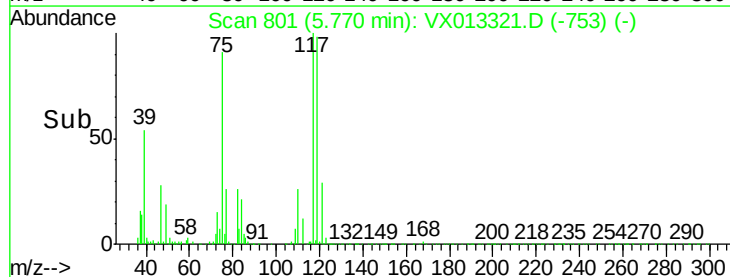
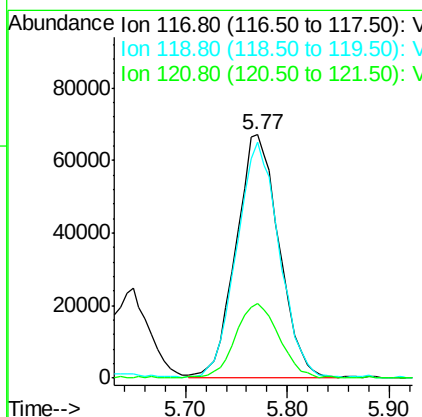
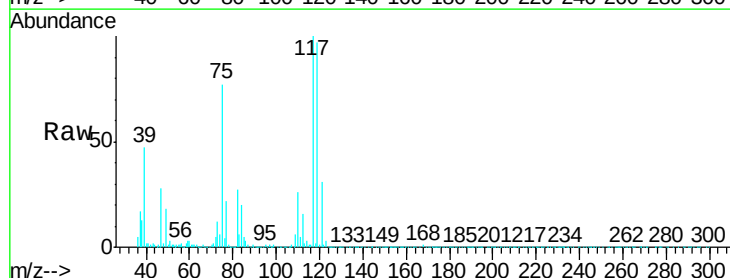
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

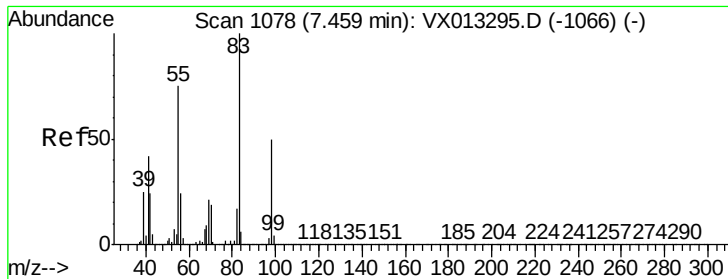
Tgt Ion: 43 Resp: 228693
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.646 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 117 Resp: 195023
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 30.4 24.6 37.0

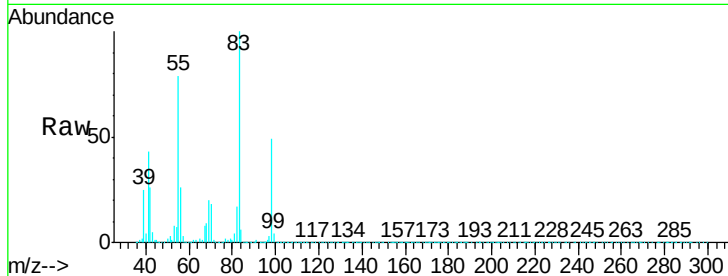




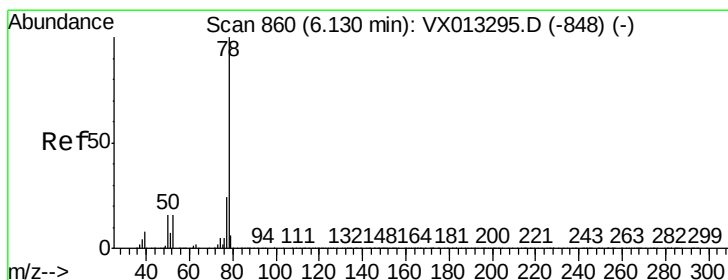
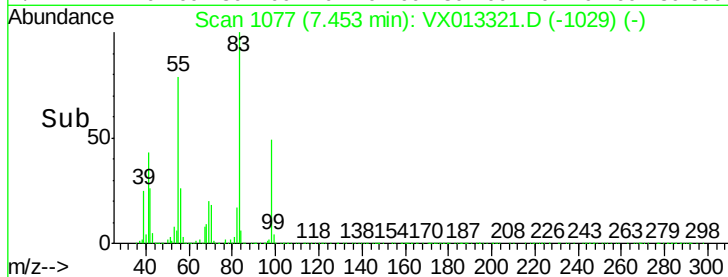
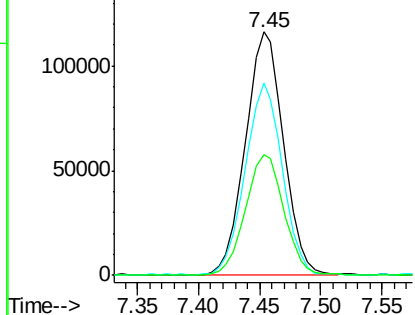
#39
Methylcyclohexane
Concen: 20.883 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:	83	Resp:	251360
Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.3	90.5
98	49.2	40.3	60.5

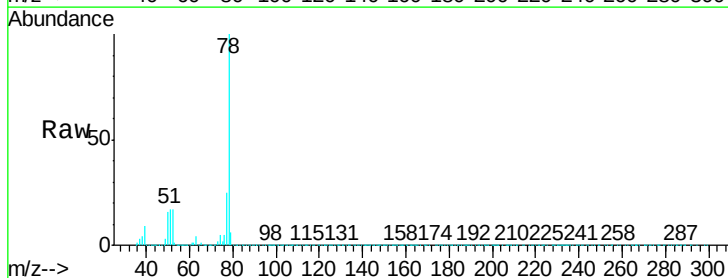


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

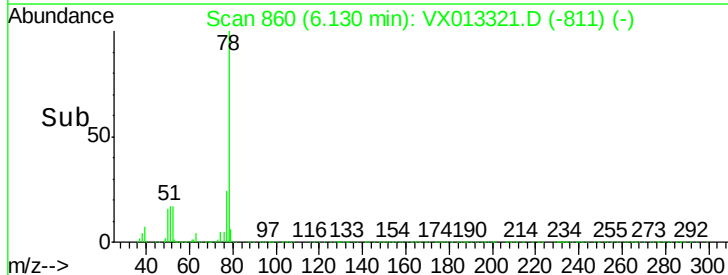
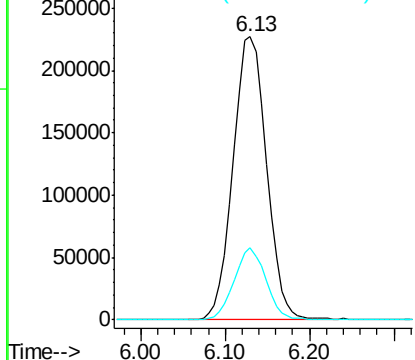


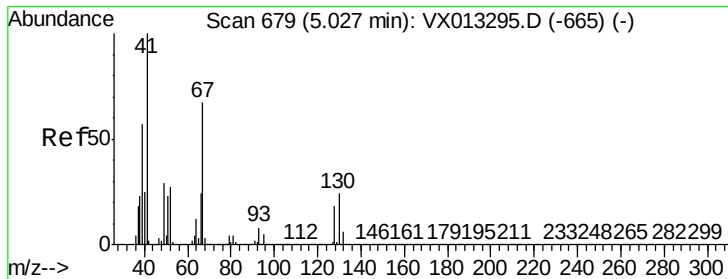
#40
Benzene
Concen: 20.239 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion:	78	Resp:	608992
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.5	29.3



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

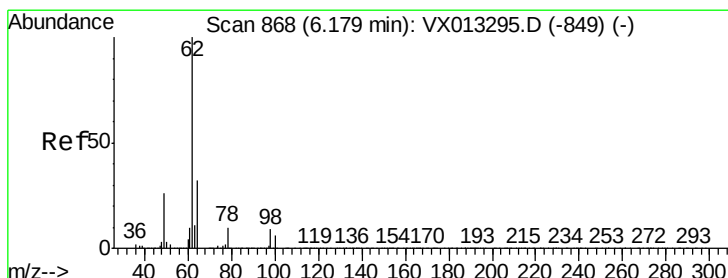
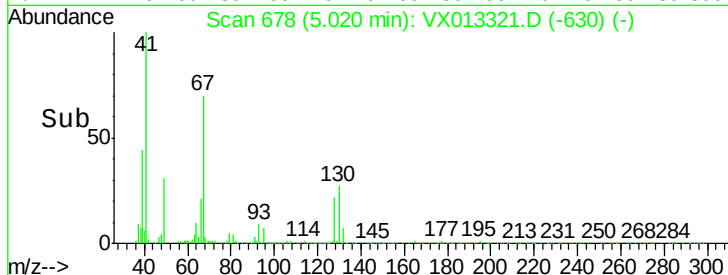
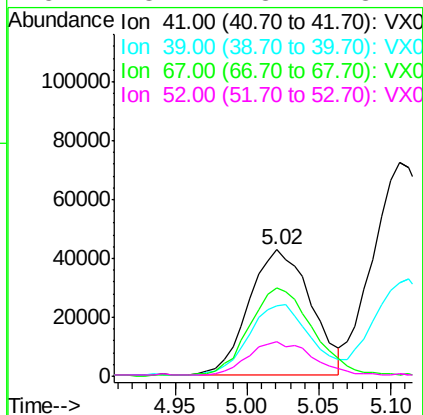
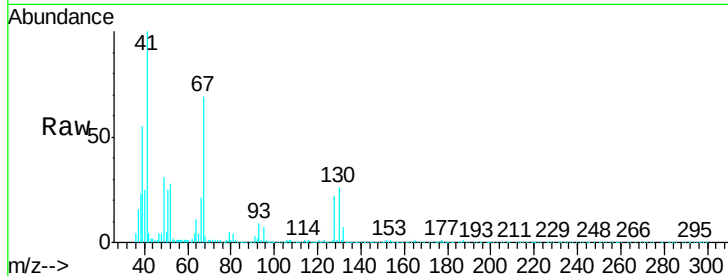




#41
Methacrylonitrile
Concen: 18.956 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

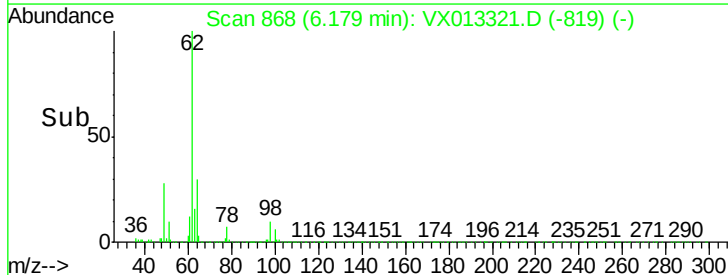
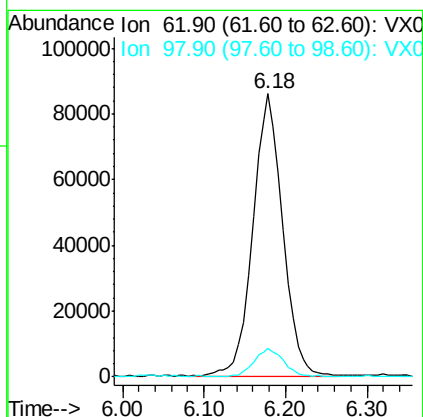
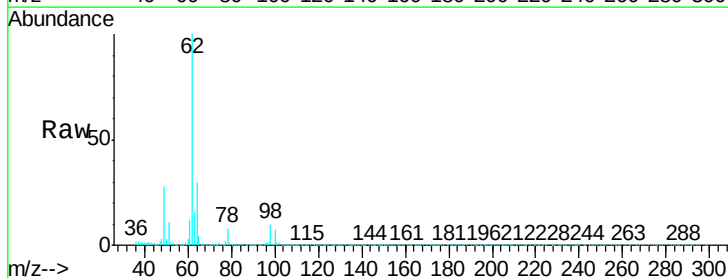
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

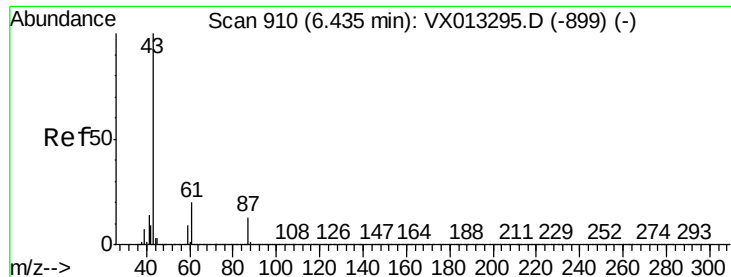
Tgt Ion:	41	Resp:	126822
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.0	67.6
67	71.6	55.4	83.2
52	28.1	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.129 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion:	62	Resp:	218470
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.960 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

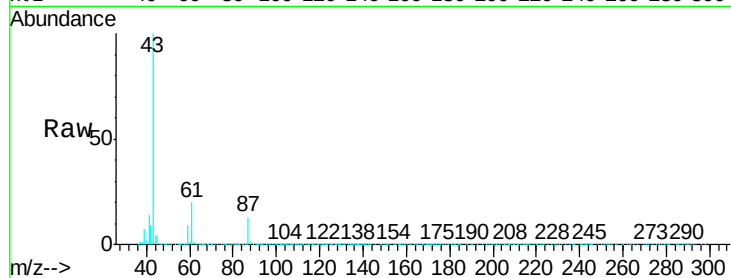
Tgt Ion: 43 Resp: 371004

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 13.0 10.4 15.6

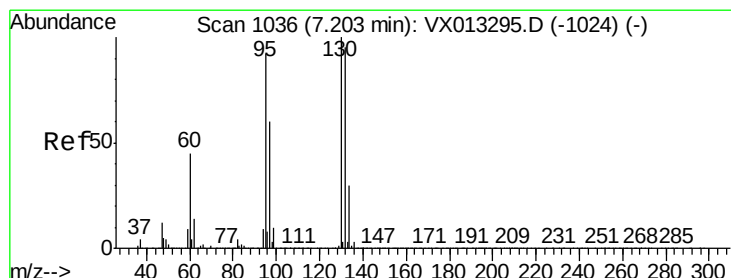
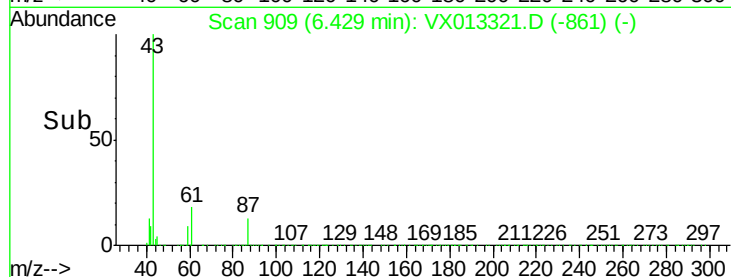
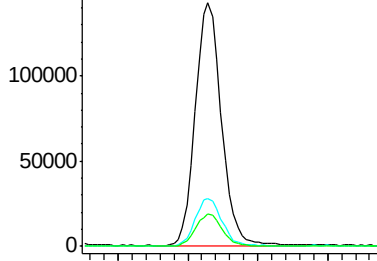


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.43



#44

Trichloroethene

Concen: 19.958 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013321.D

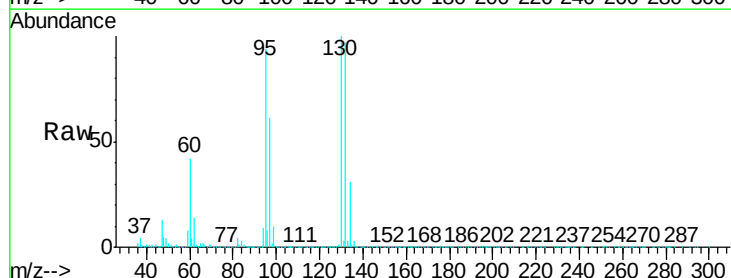
Acq: 04 Nov 2019 12:51

Tgt Ion: 130 Resp: 165305

Ion Ratio Lower Upper

130 100

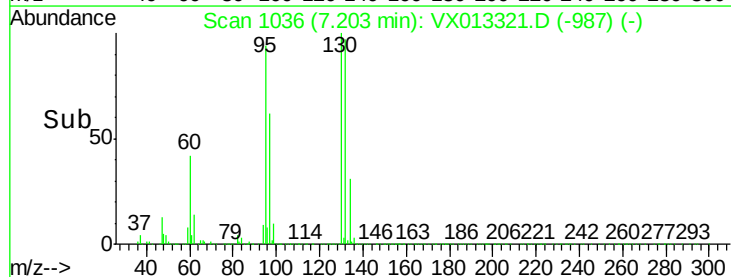
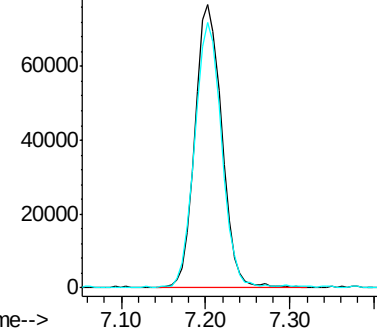
95 93.8 0.0 184.8

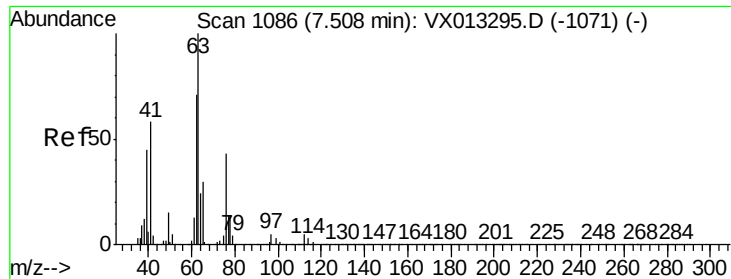


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

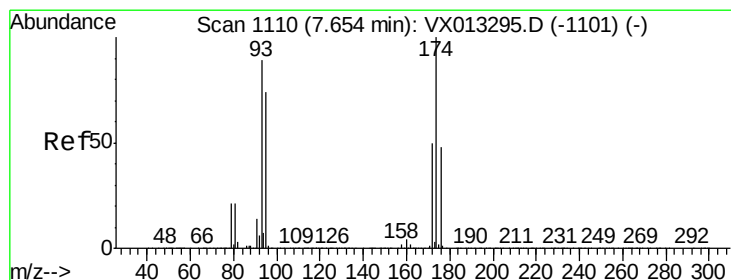
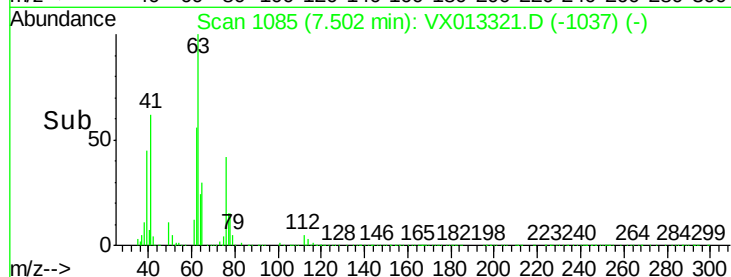
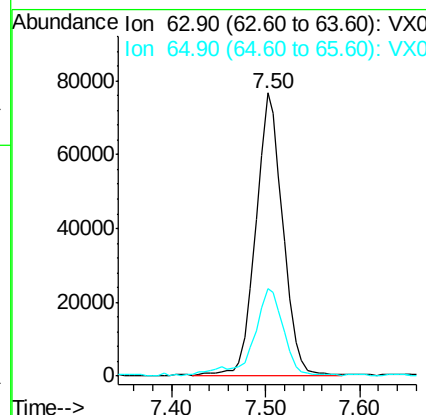
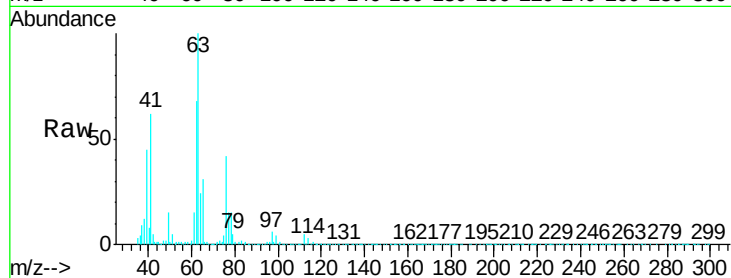




#45
 1,2-Dichloropropane
 Concen: 19.993 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

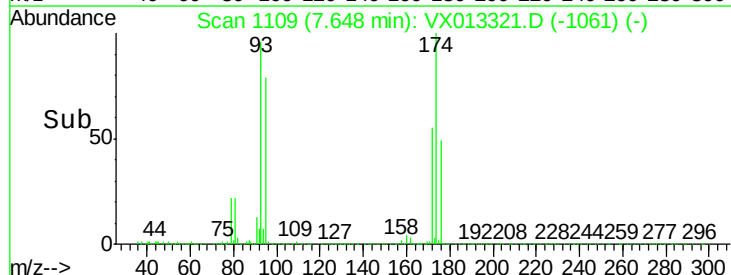
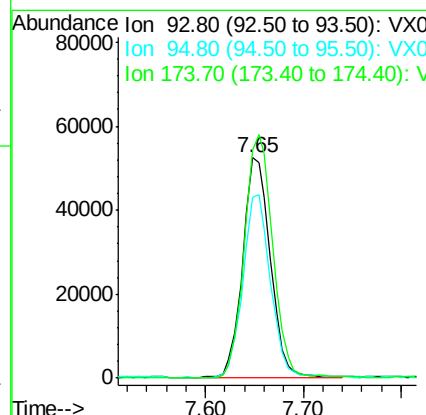
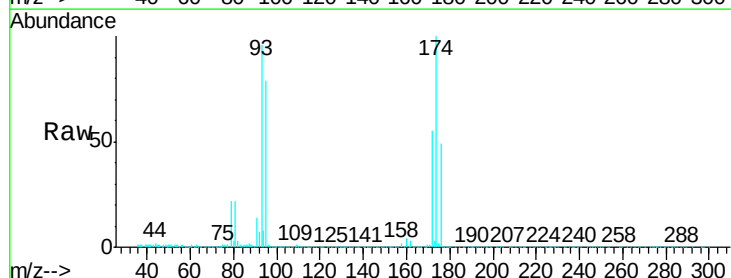
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

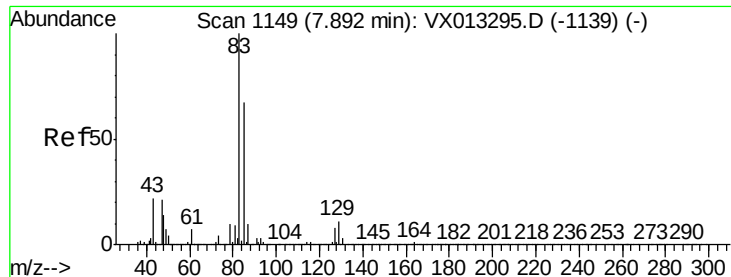
Tgt Ion: 63 Resp: 153283
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.3 36.5



#46
 Dibromomethane
 Concen: 19.915 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion: 93 Resp: 104252
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.8 98.6
 174 111.0 90.4 135.6





#47

Bromodichloromethane

Concen: 20.351 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

VX1104WBS01

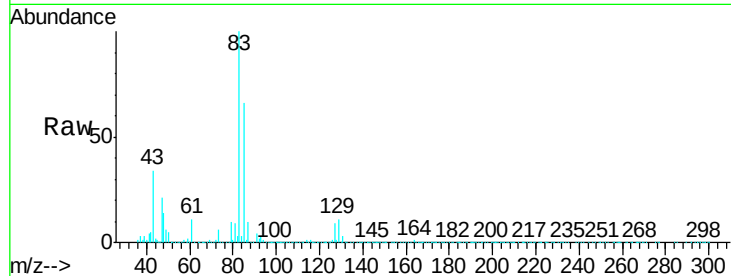
Tgt Ion: 83 Resp: 200884

Ion Ratio Lower Upper

83 100

85 66.1 53.7 80.5

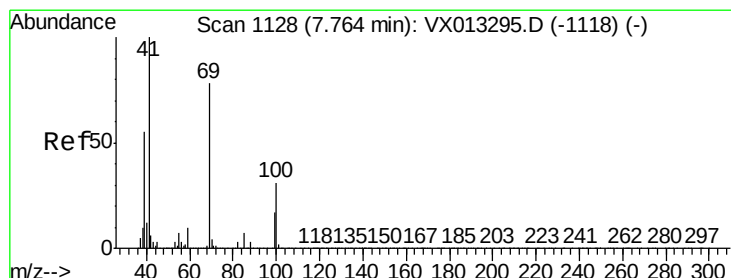
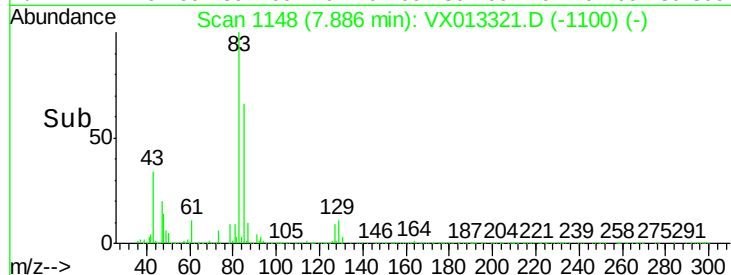
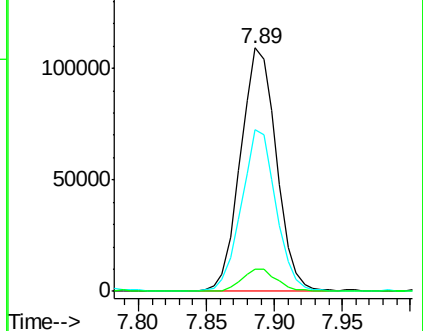
127 9.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.205 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

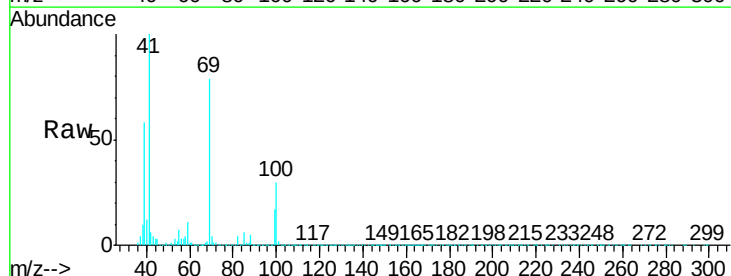
Tgt Ion: 41 Resp: 187467

Ion Ratio Lower Upper

41 100

69 78.8 63.0 94.6

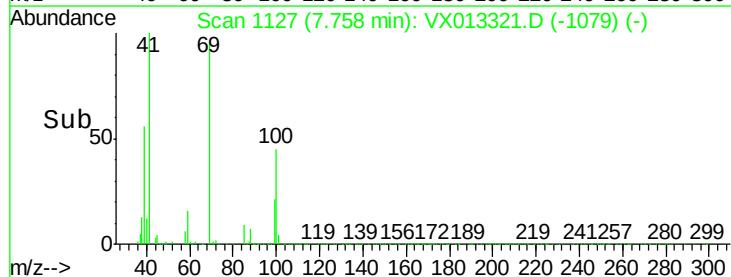
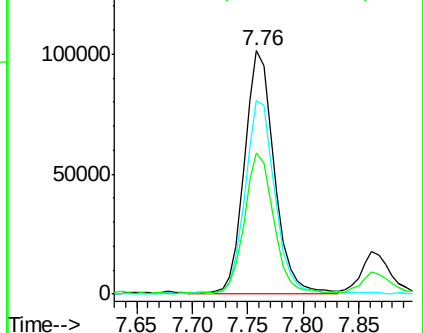
39 57.1 45.9 68.9

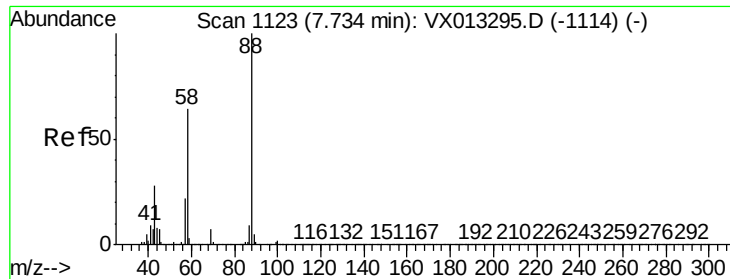


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

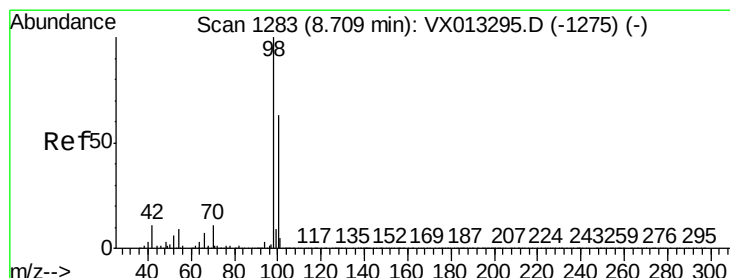
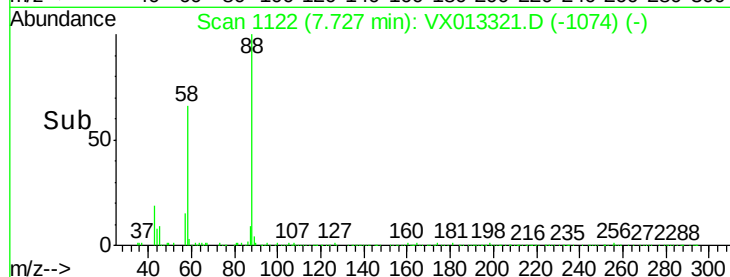
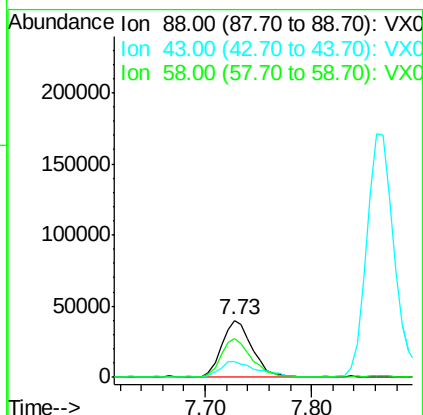
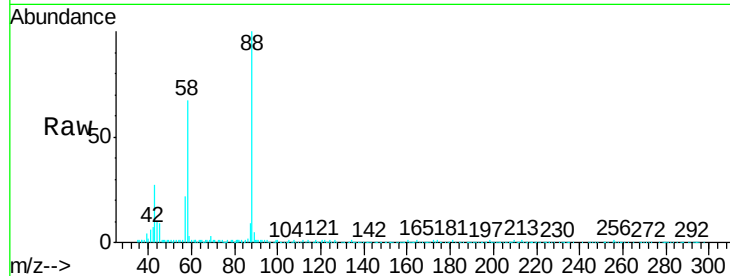




#49
1,4-Dioxane
Concen: 369.511 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

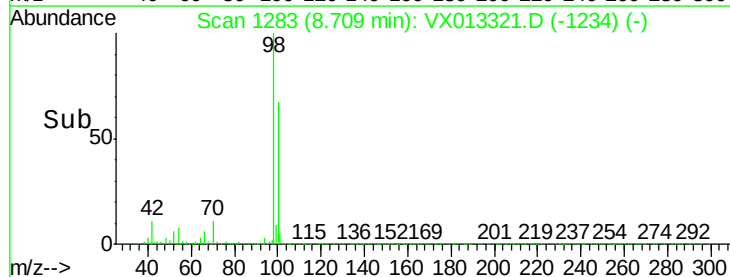
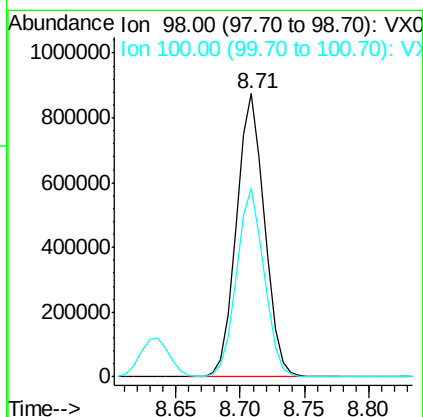
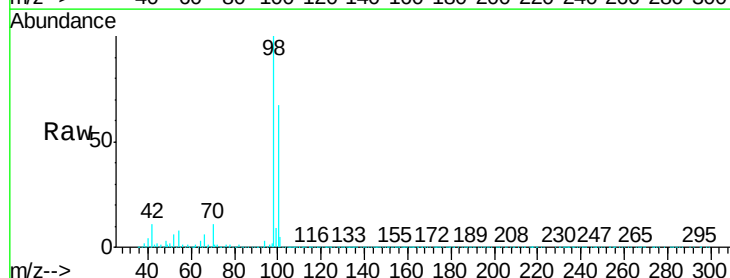
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

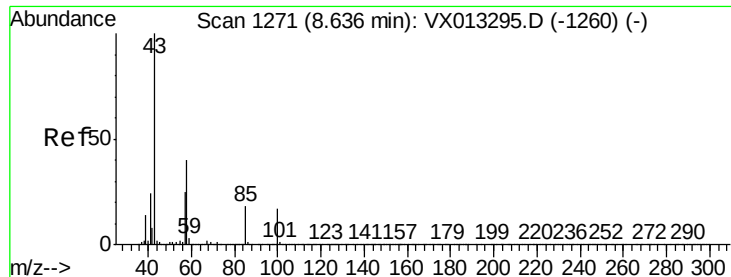
Tgt Ion: 88 Resp: 78514
Ion Ratio Lower Upper
88 100
43 36.3 26.6 39.8
58 67.7 55.0 82.6



#50
Toluene-d8
Concen: 49.484 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 98 Resp: 1317506
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

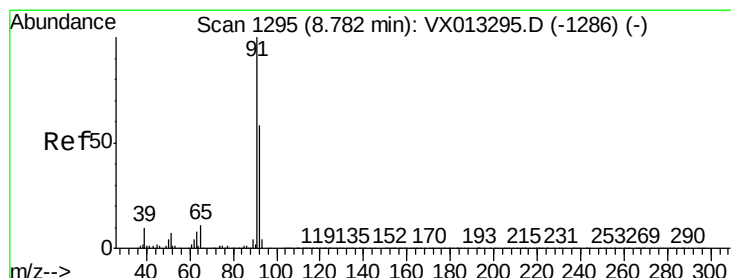
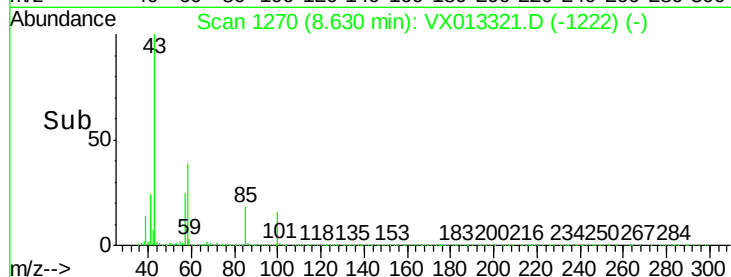
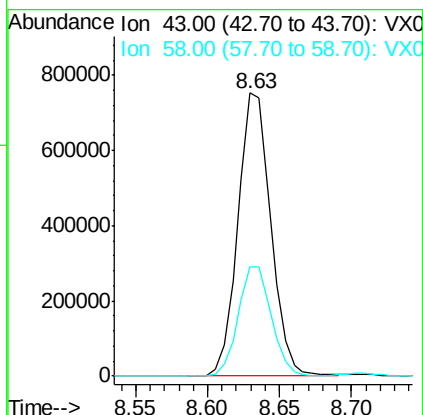
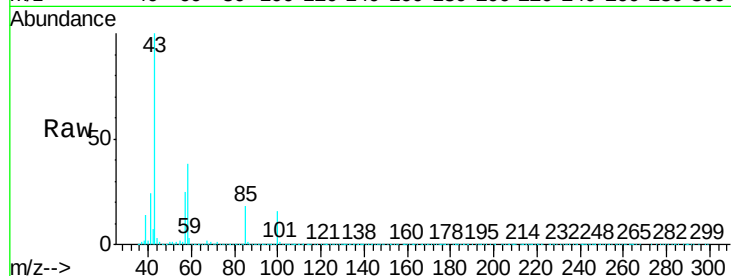




#51
 4-Methyl-2-Pentanone
 Concen: 97.896 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

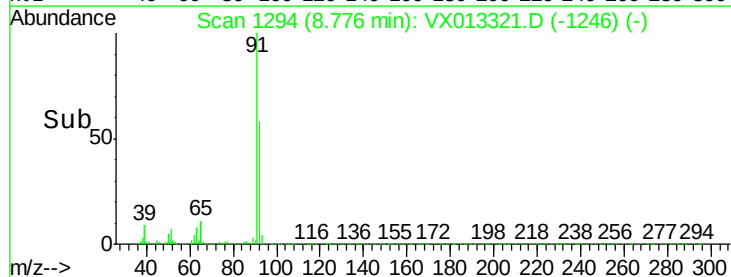
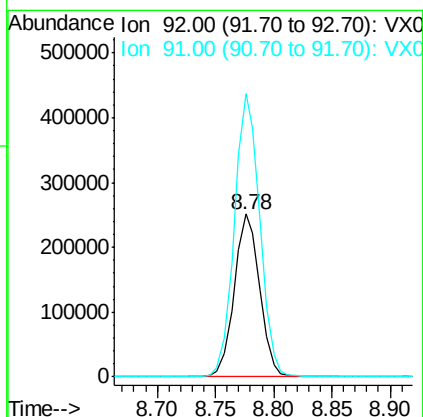
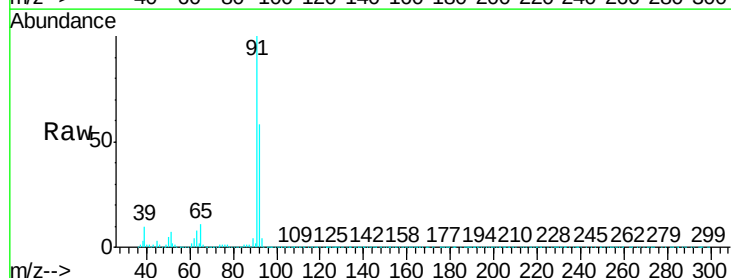
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

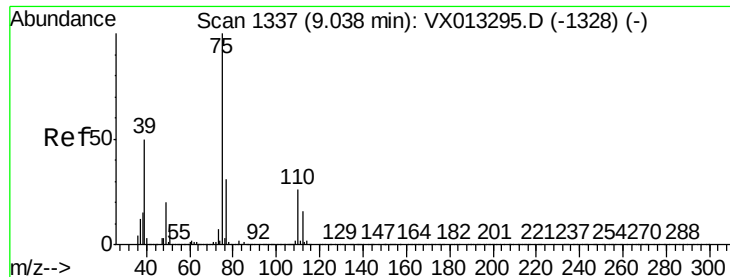
Tgt Ion: 43 Resp: 1193814
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.4 47.0



#52
 Toluene
 Concen: 20.429 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion: 92 Resp: 380992
 Ion Ratio Lower Upper
 92 100
 91 173.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 20.605 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

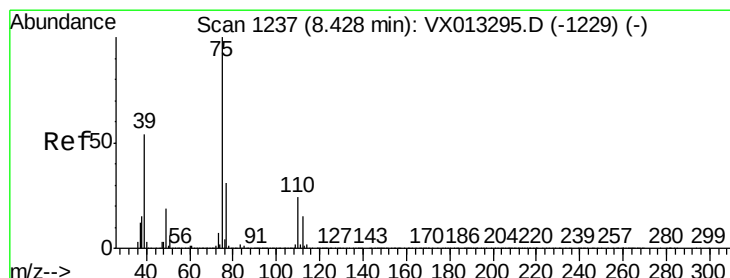
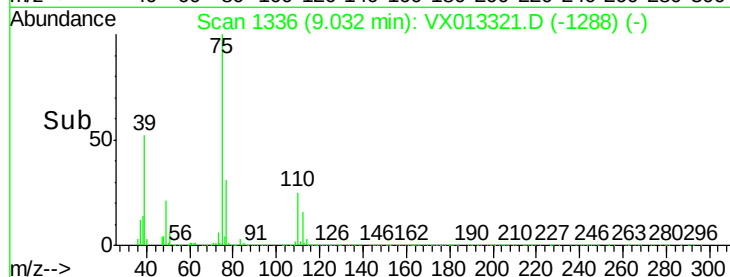
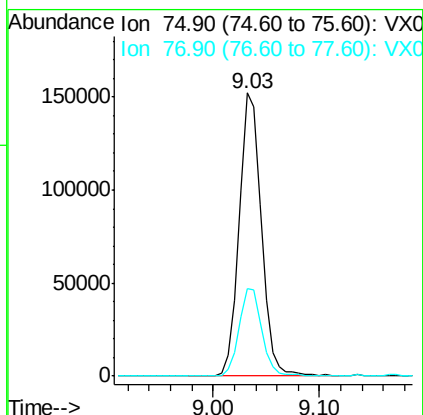
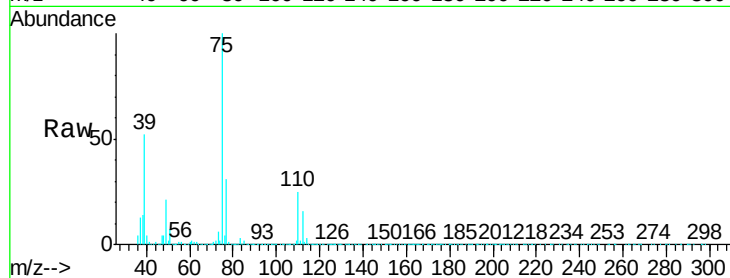
VX1104WBS01

Tgt Ion: 75 Resp: 222407

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.730 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

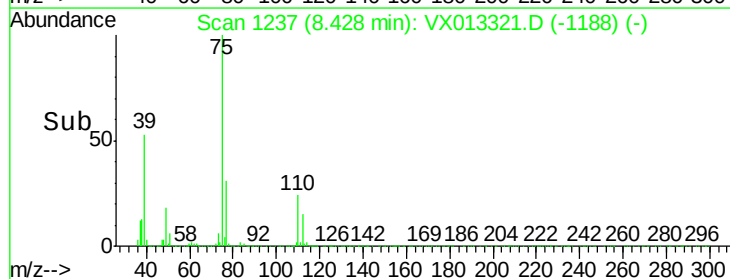
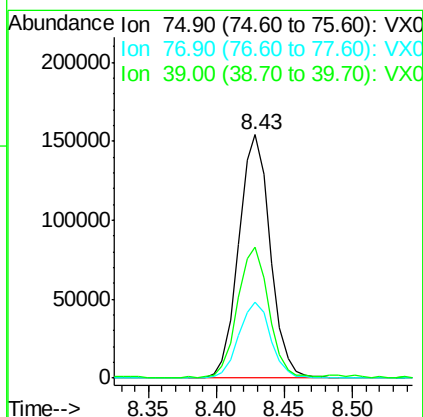
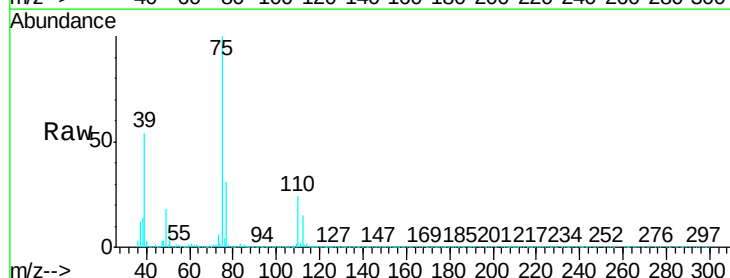
Tgt Ion: 75 Resp: 250297

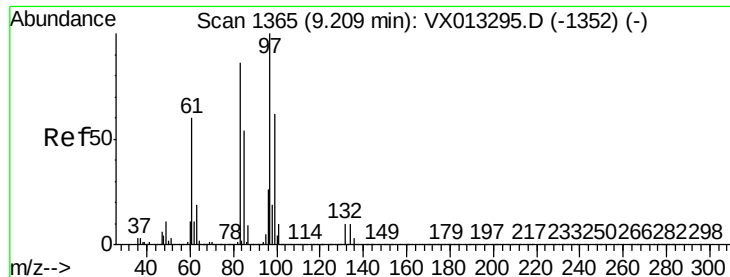
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 53.0 43.0 64.6

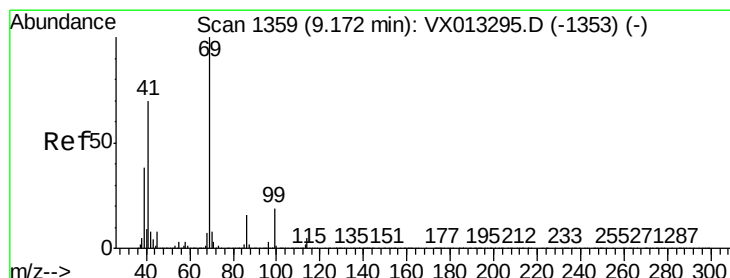
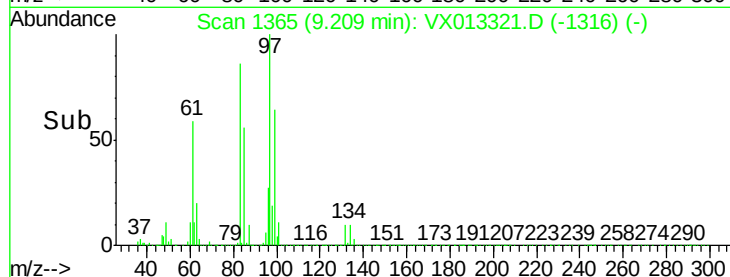
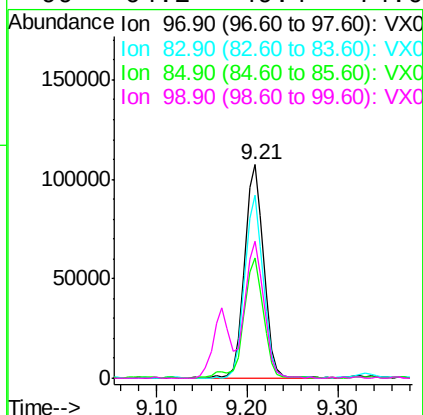
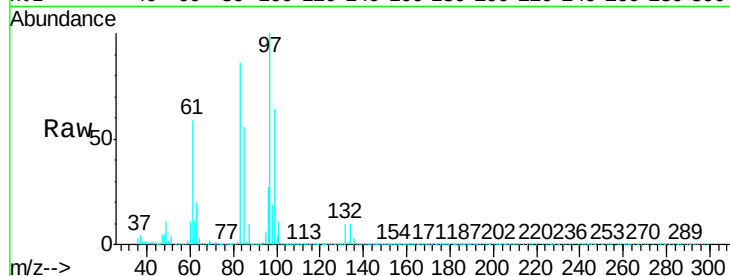




#55
 1,1,2-Trichloroethane
 Concen: 20.260 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

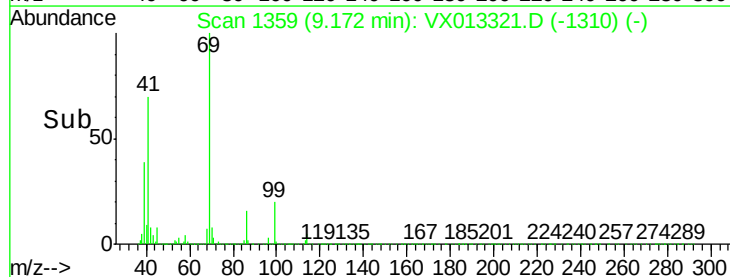
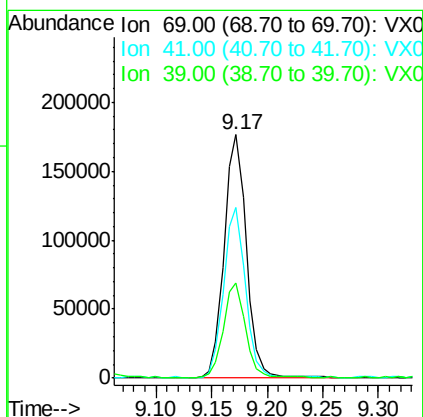
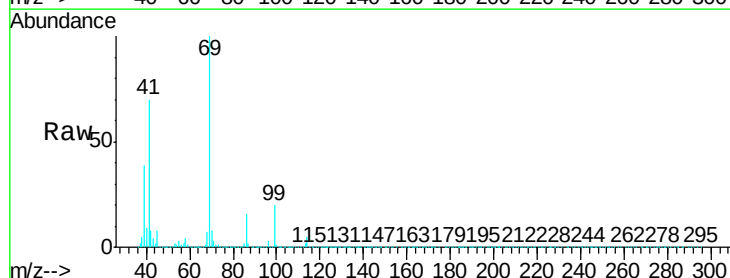
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

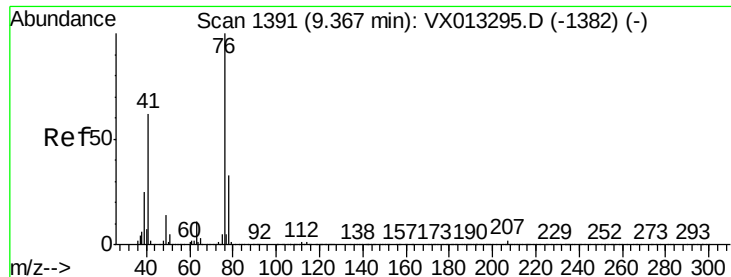
Tgt Ion:	97	Resp:	156615
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.6	103.0
85	56.0	43.1	64.7
99	64.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.476 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion:	69	Resp:	244019
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.2	84.2
39	38.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.185 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

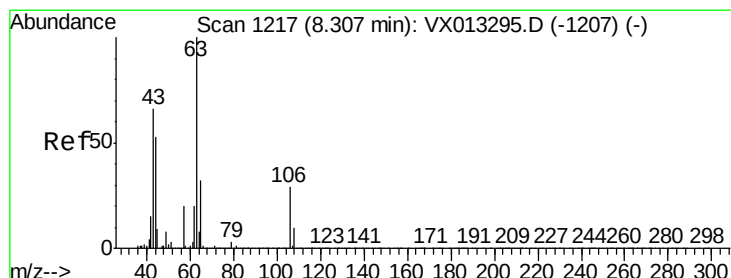
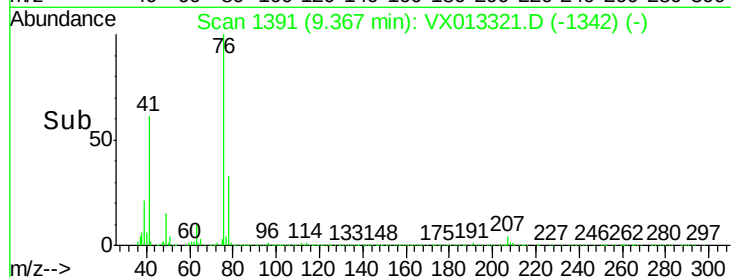
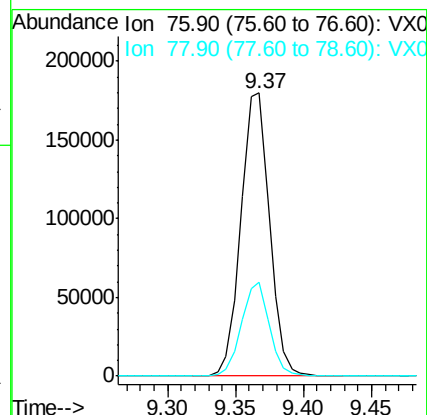
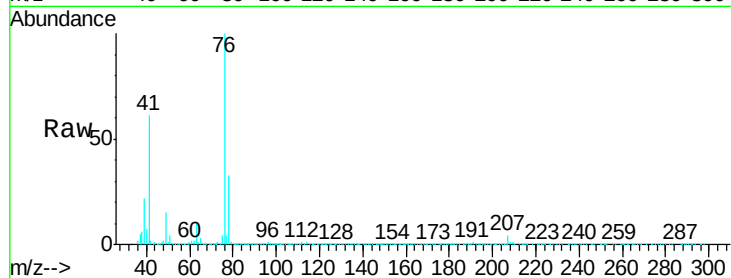
VX1104WBS01

Tgt Ion: 76 Resp: 264864

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.393 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013321.D

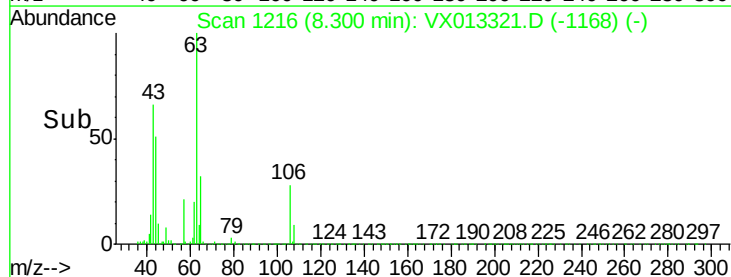
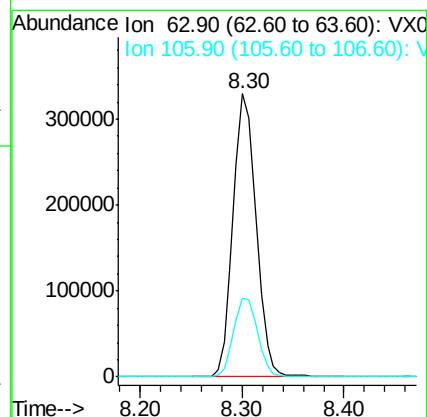
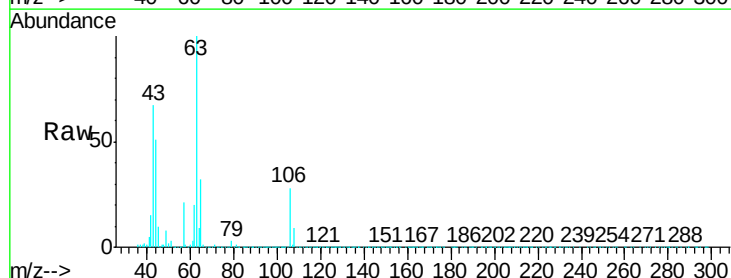
Acq: 04 Nov 2019 12:51

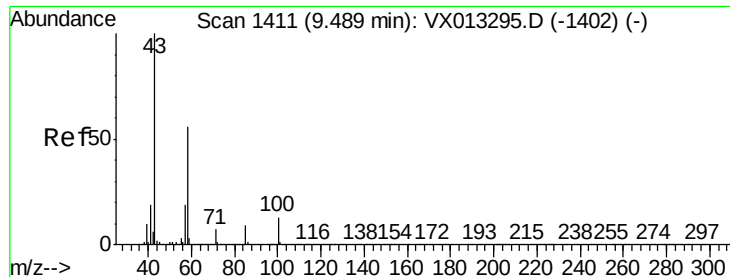
Tgt Ion: 63 Resp: 514767

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2

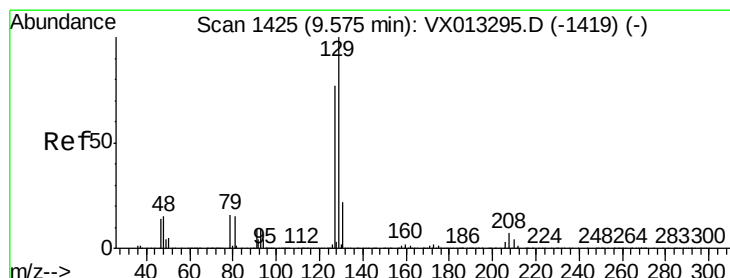
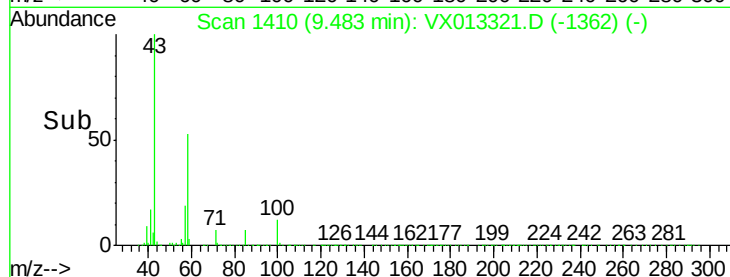
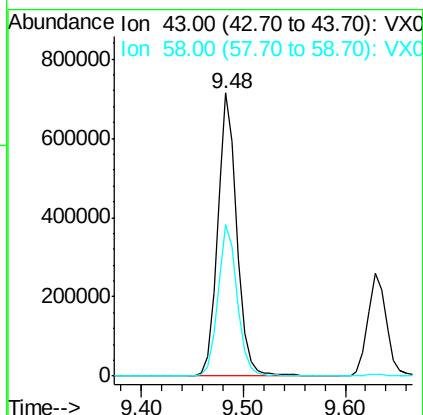
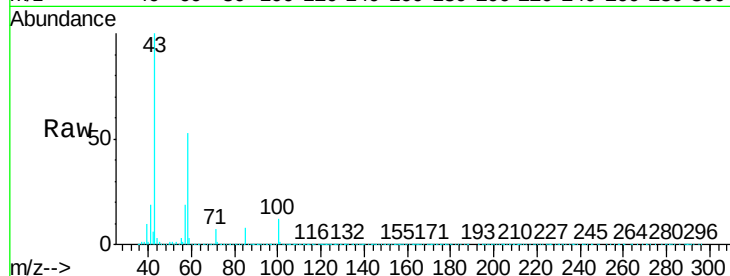




#59
2-Hexanone
Concen: 99.676 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

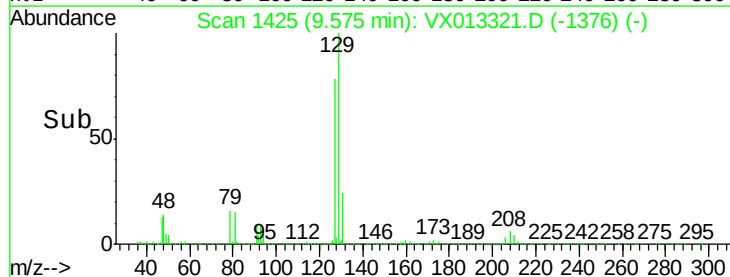
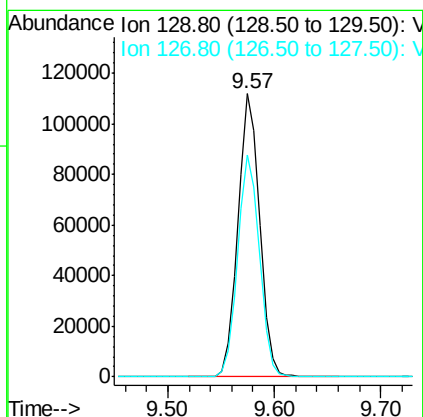
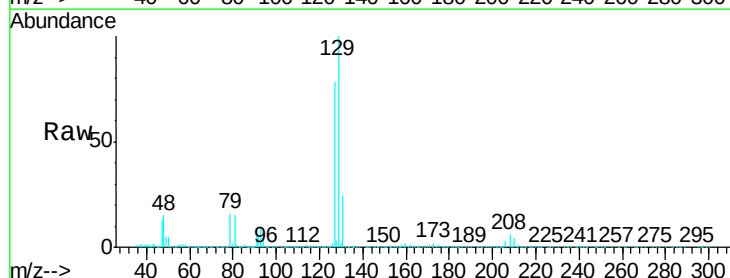
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

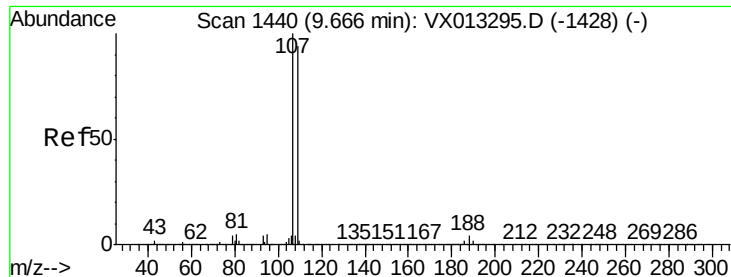
Tgt Ion: 43 Resp: 939324
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.8



#60
Dibromochloromethane
Concen: 20.406 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 129 Resp: 161328
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.051 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

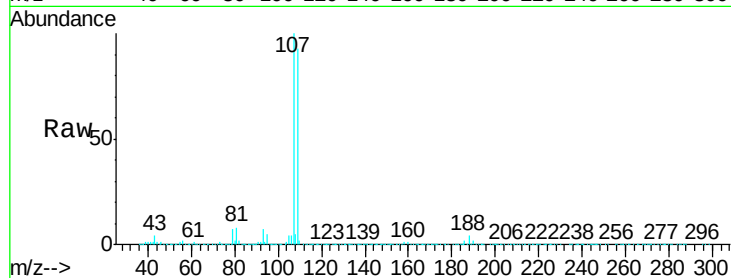
VX1104WBS01

Tgt Ion: 107 Resp: 164585

Ion Ratio Lower Upper

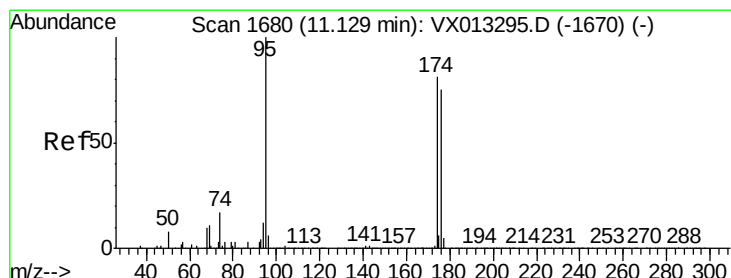
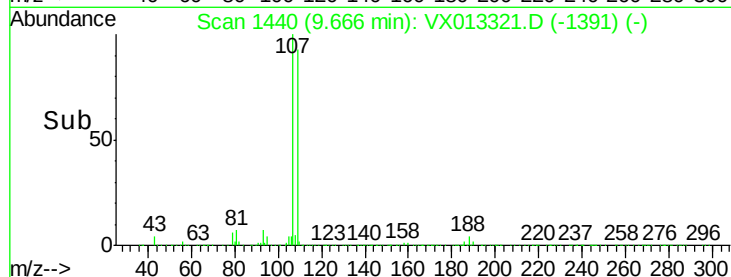
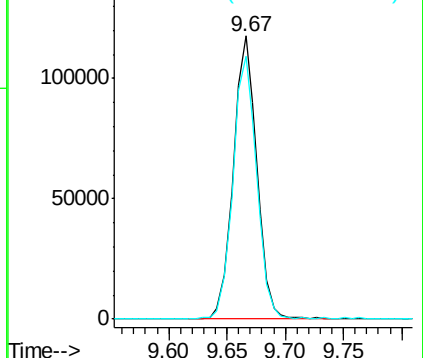
107 100

109 94.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.144 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

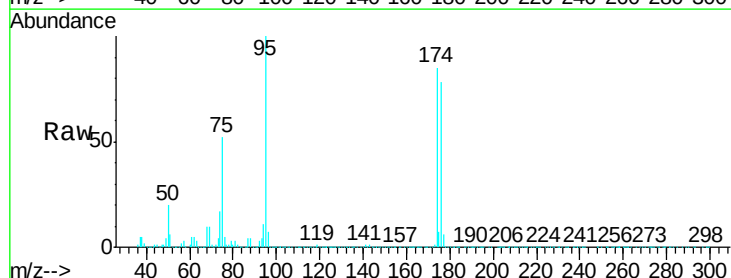
Tgt Ion: 95 Resp: 462618

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.8

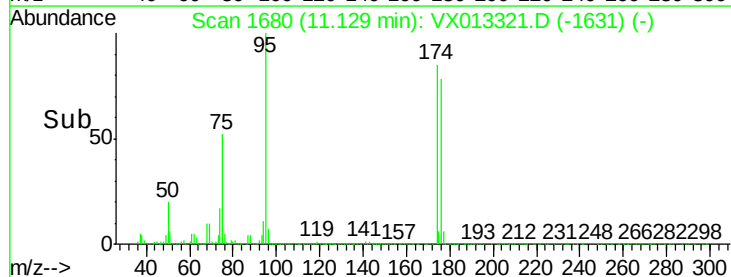
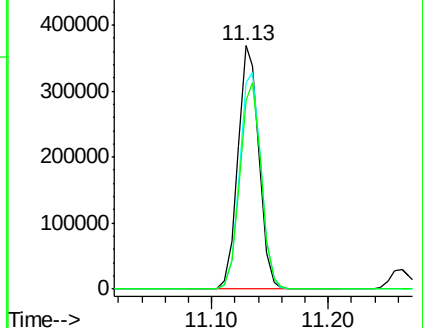
176 86.4 0.0 173.0

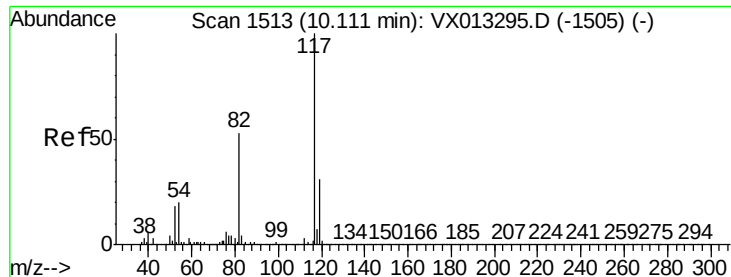


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

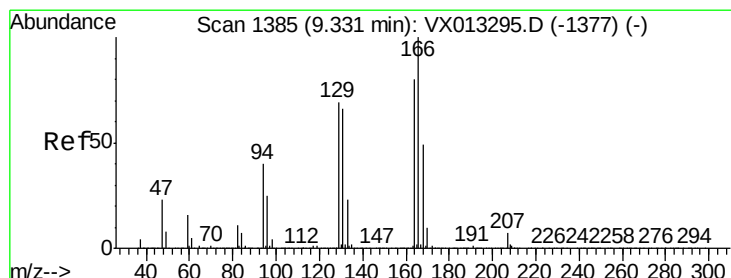
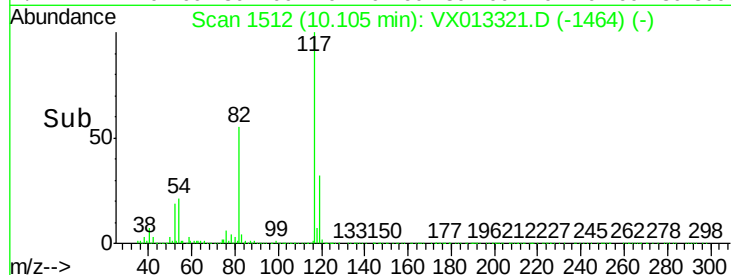
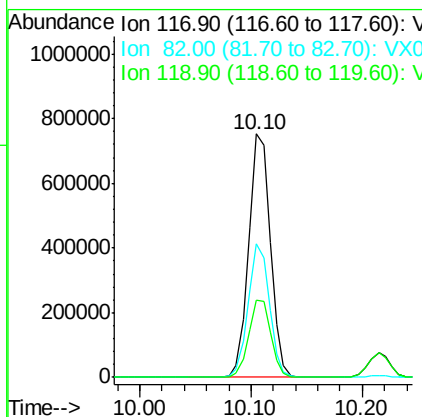
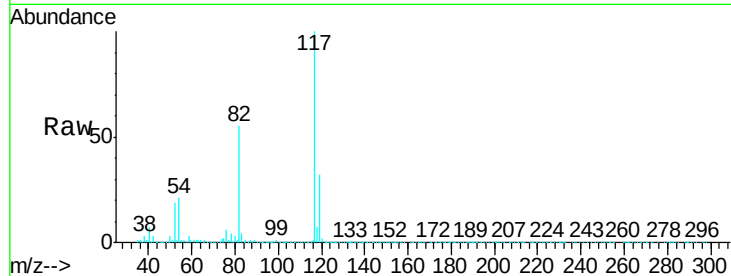




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

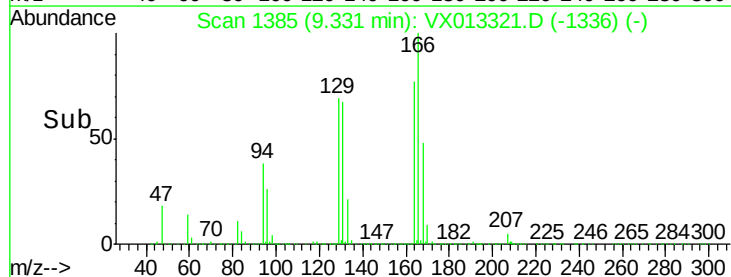
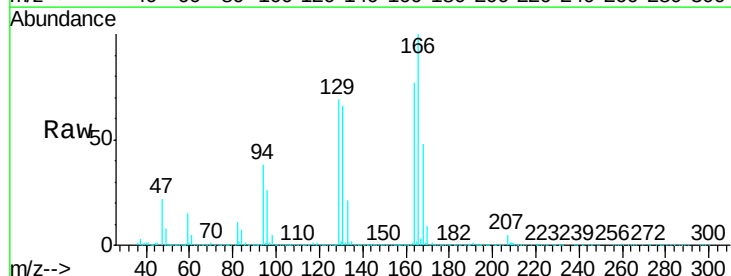
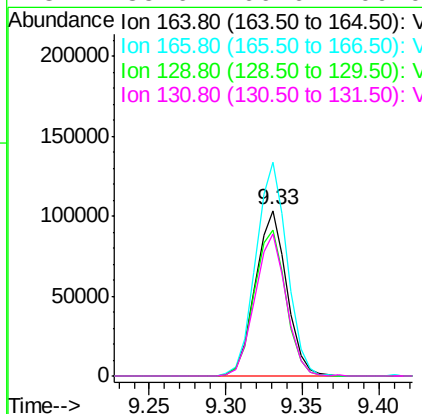
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

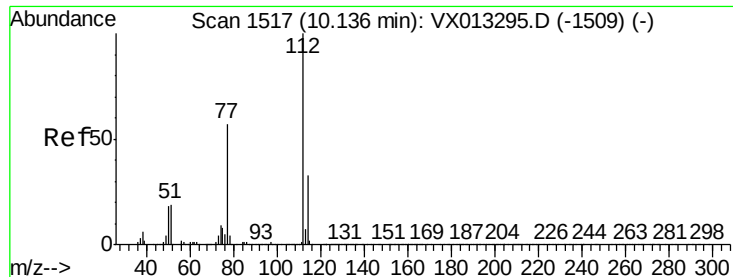
Tgt Ion:117 Resp: 1019923
Ion Ratio Lower Upper
117 100
82 54.9 42.6 64.0
119 31.5 24.8 37.2



#64
Tetrachloroethene
Concen: 20.154 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion:164 Resp: 147151
Ion Ratio Lower Upper
164 100
166 129.4 100.4 150.6
129 88.4 69.4 104.2
131 85.6 66.6 100.0

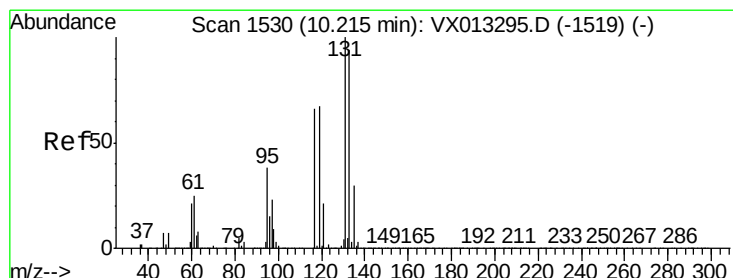
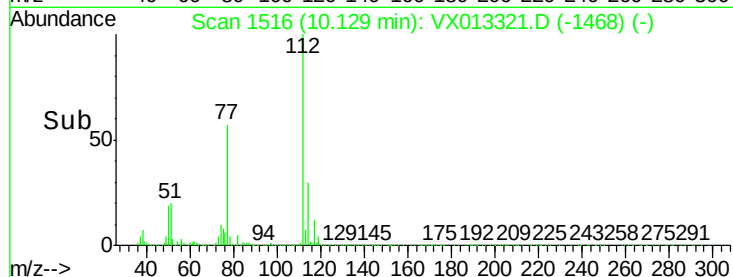
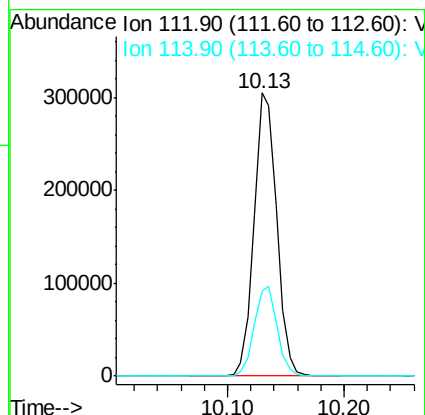
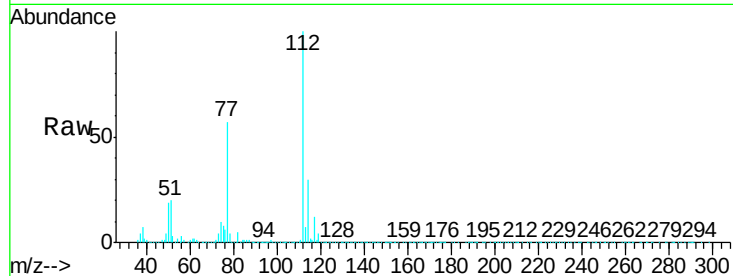




#65
Chlorobenzene
Concen: 20.121 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

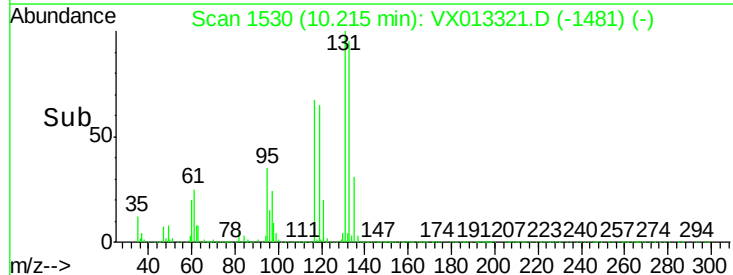
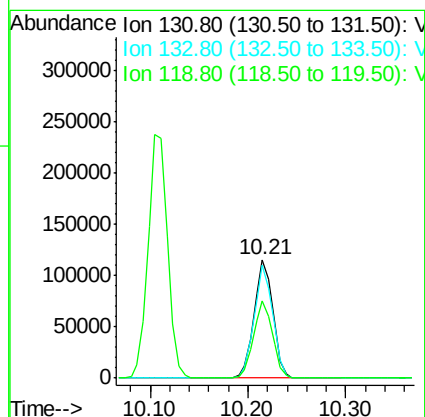
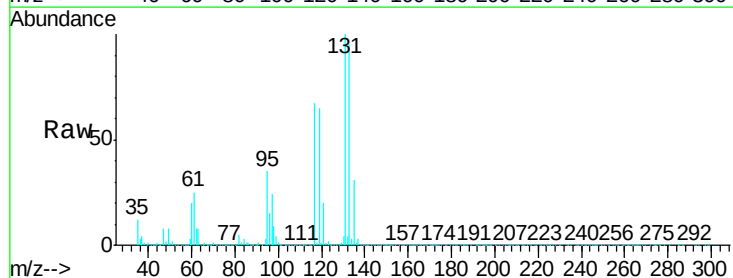
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

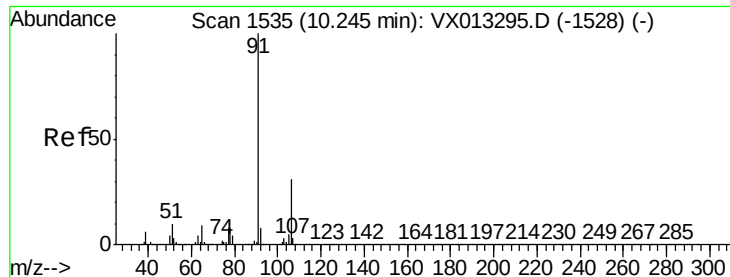
Tgt Ion:112 Resp: 415465
Ion Ratio Lower Upper
112 100
114 30.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.570 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion:131 Resp: 155953
Ion Ratio Lower Upper
131 100
133 92.7 48.0 144.0
119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 20.319 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

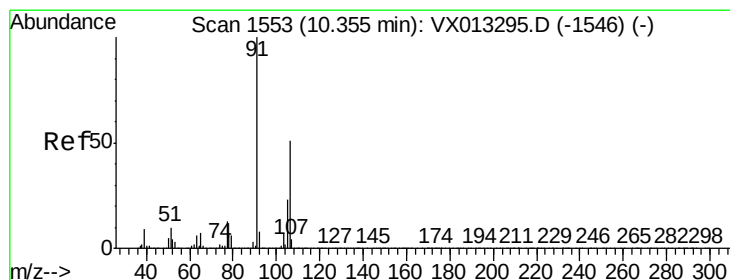
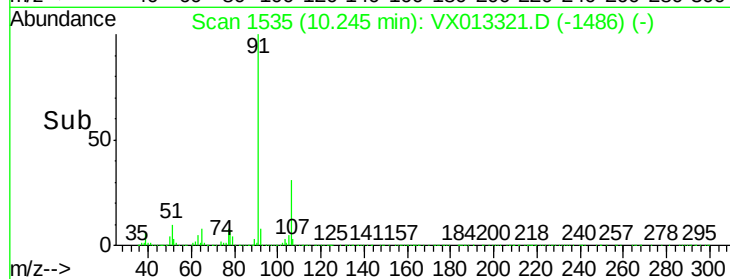
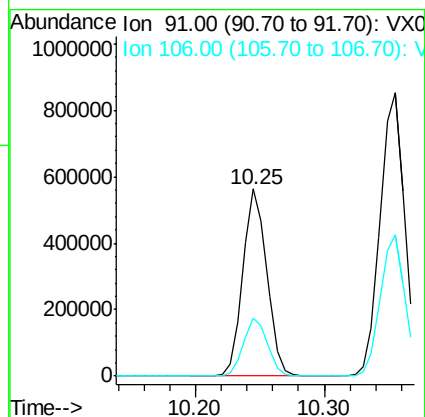
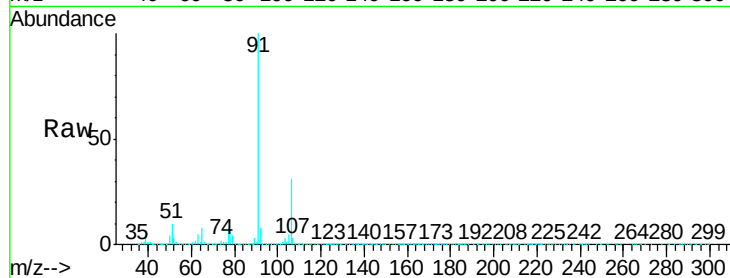
VX1104WBS01

Tgt Ion: 91 Resp: 724113

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 41.591 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013321.D

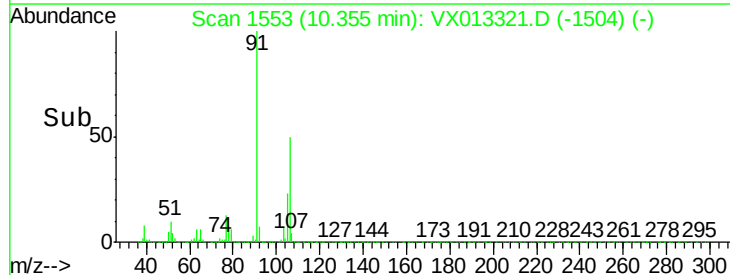
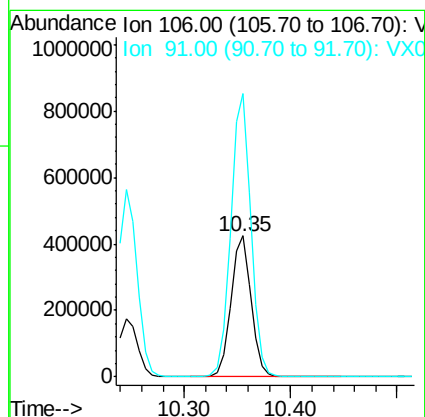
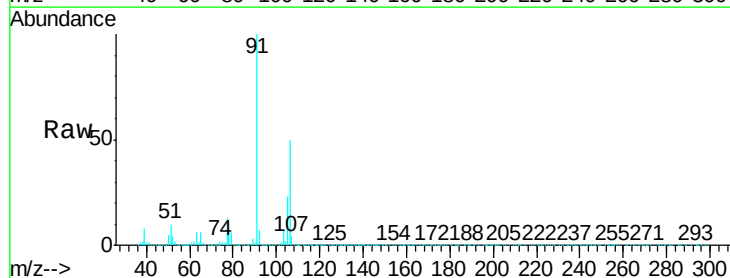
Acq: 04 Nov 2019 12:51

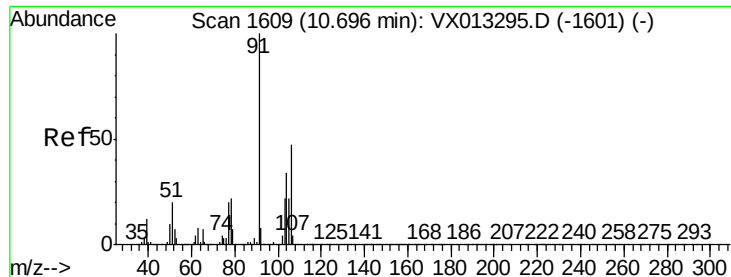
Tgt Ion: 106 Resp: 560556

Ion Ratio Lower Upper

106 100

91 200.2 159.3 238.9

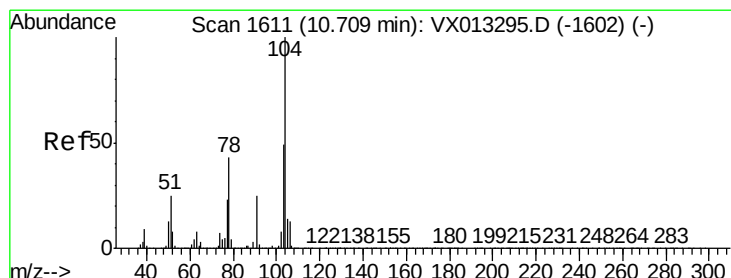
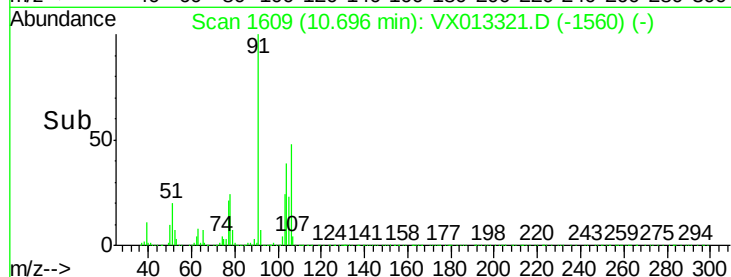
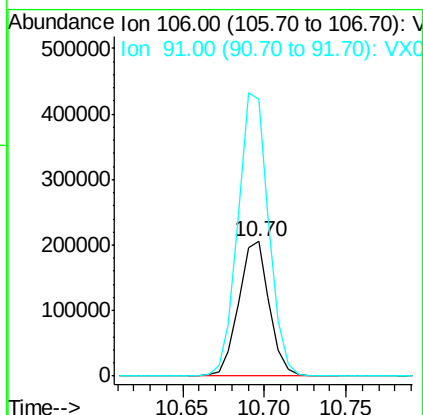
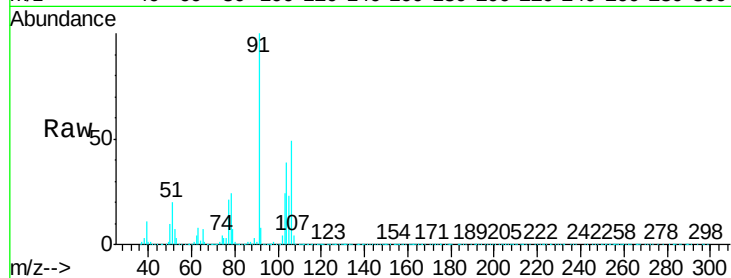




#69
o-Xylene
Concen: 20.269 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

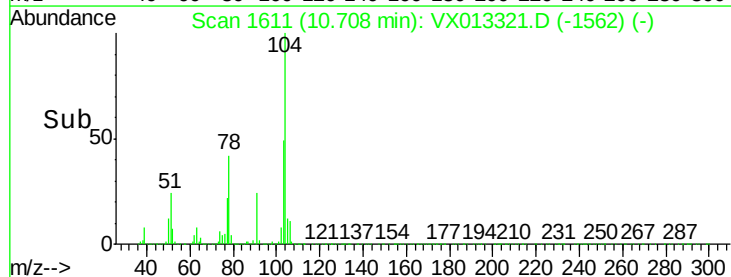
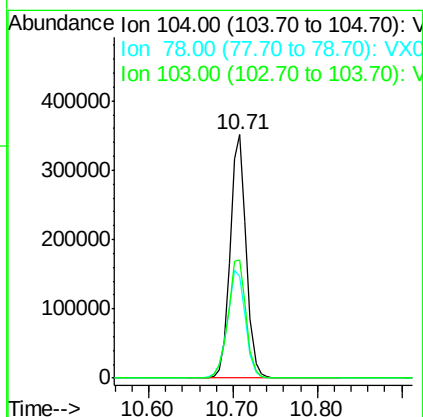
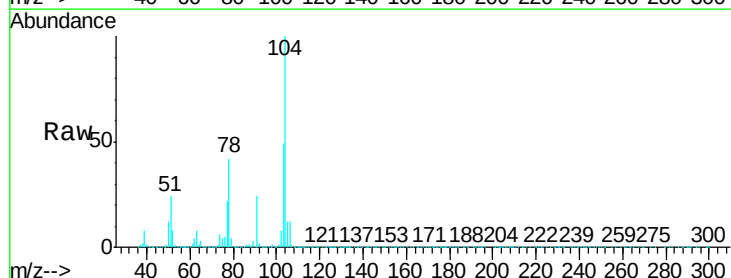
Instrument :
MSVOA_X
ClientSampled :
VX1104WBS01

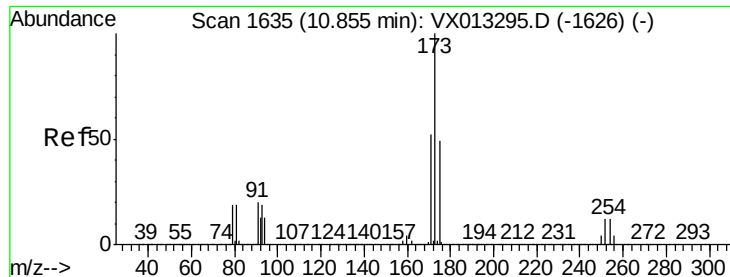
Tgt Ion:106 Resp: 267449
Ion Ratio Lower Upper
106 100
91 212.8 105.7 317.0



#70
Styrene
Concen: 20.727 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion:104 Resp: 457188
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 54.3 44.1 66.1





#71

Bromoform

Concen: 19.603 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

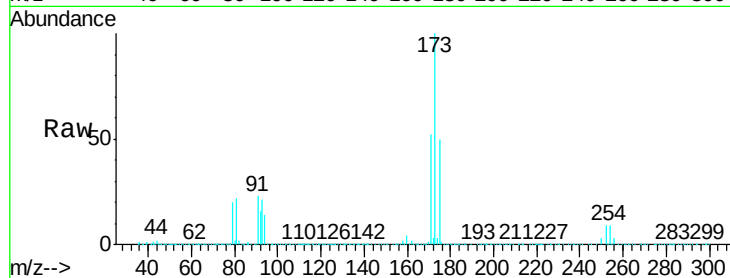
Tgt Ion:173 Resp: 123184

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.4

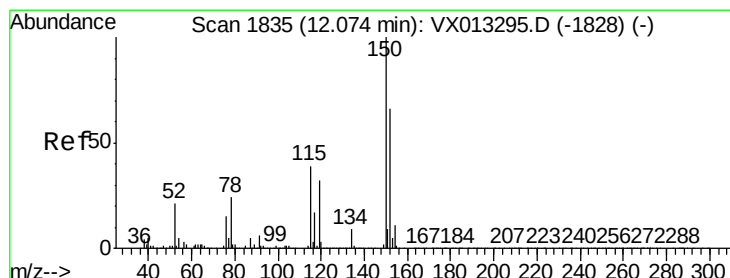
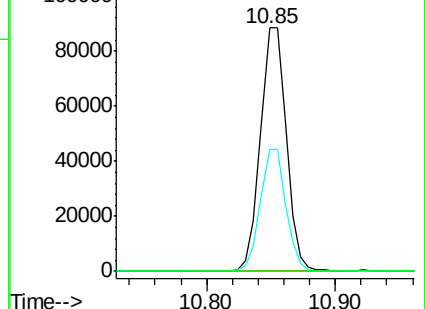
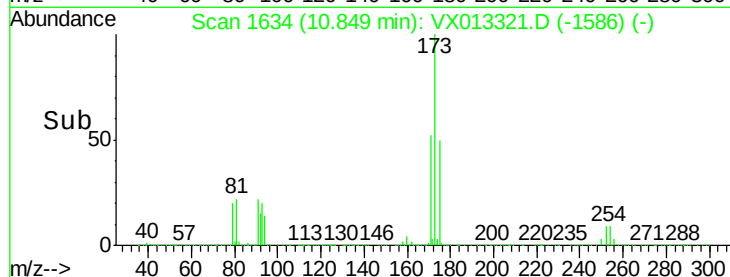
254 0.4 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

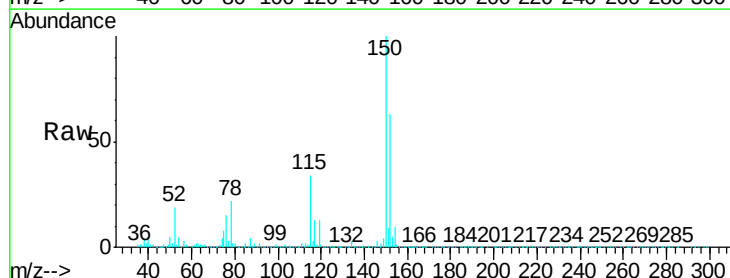
Tgt Ion:152 Resp: 510379

Ion Ratio Lower Upper

152 100

115 64.0 39.5 118.3

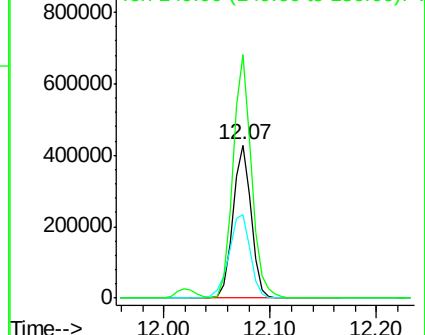
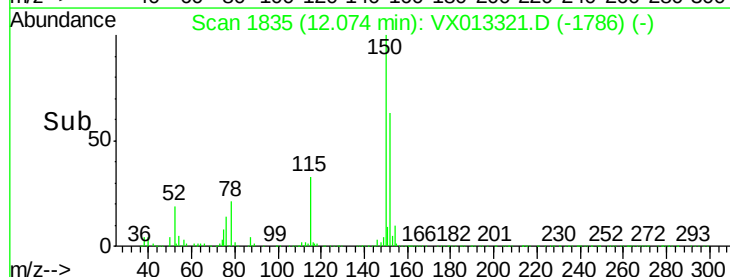
150 162.1 0.0 344.4

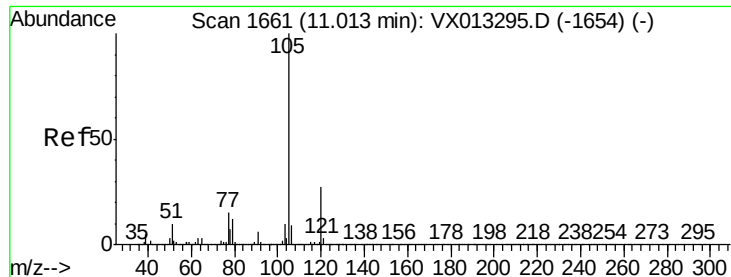


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

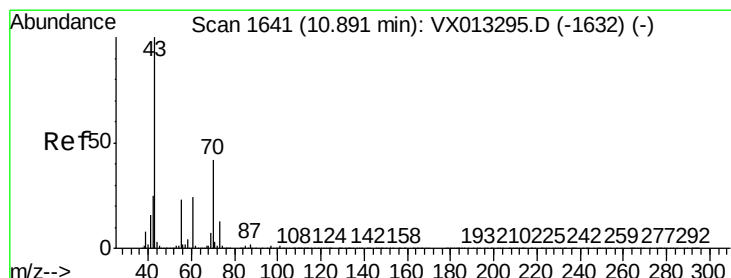
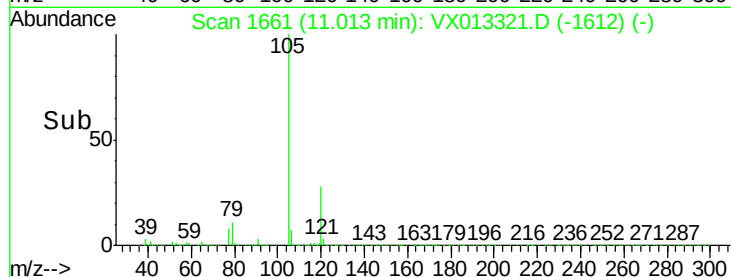
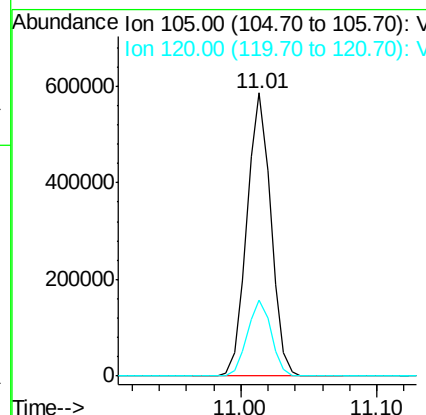
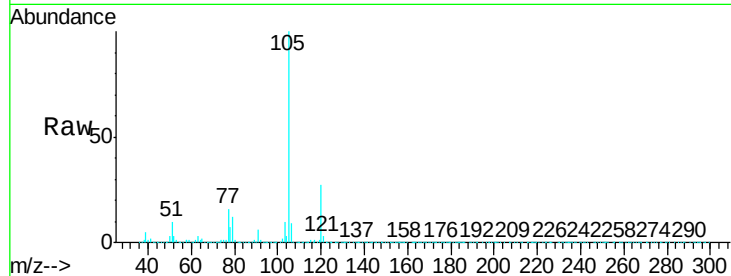




#73
Isopropylbenzene
Concen: 21.257 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

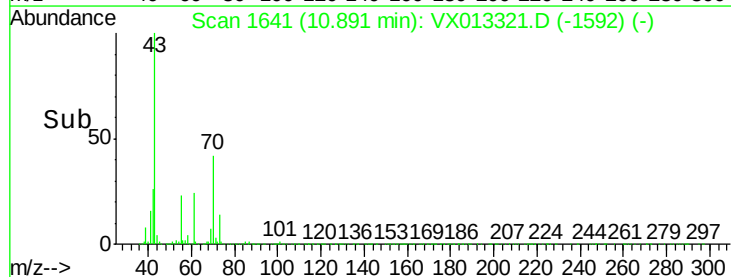
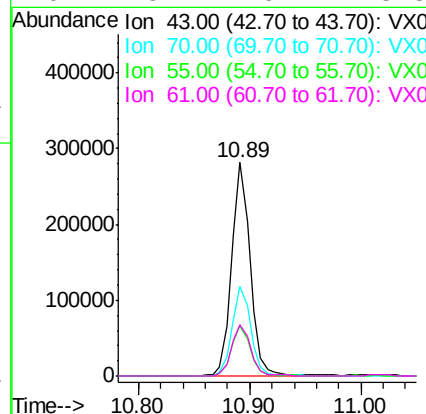
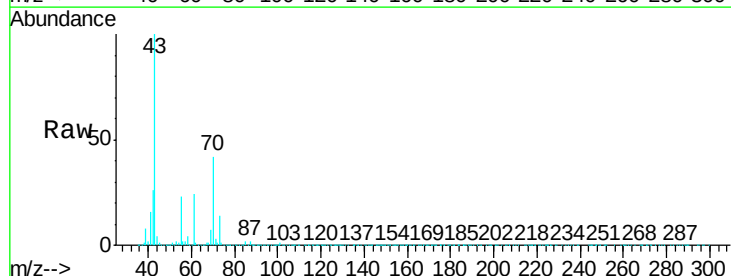
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

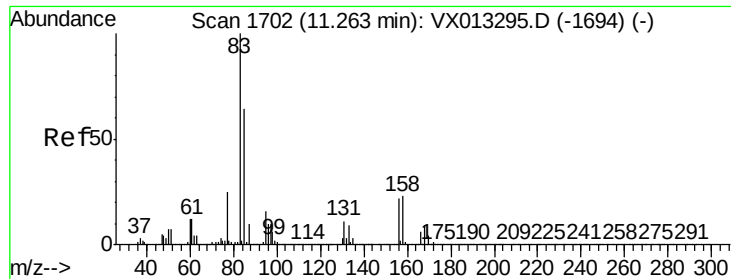
Tgt Ion: 105 Resp: 719301
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 20.602 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion: 43 Resp: 323278
Ion Ratio Lower Upper
43 100
70 43.0 34.1 51.1
55 24.3 18.9 28.3
61 25.2 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.806 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

VX1104WBS01

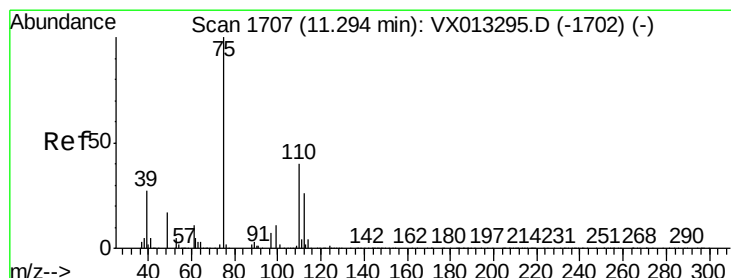
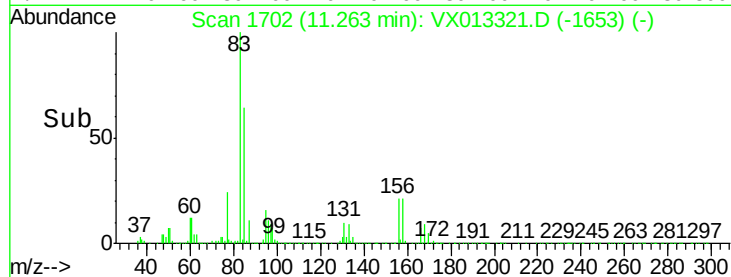
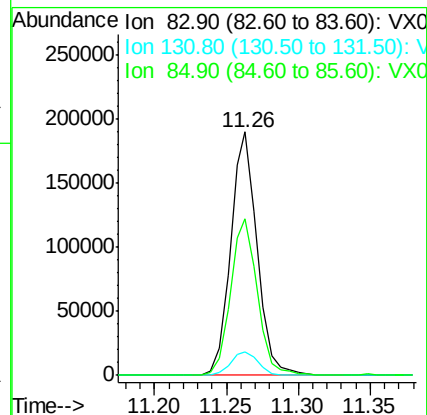
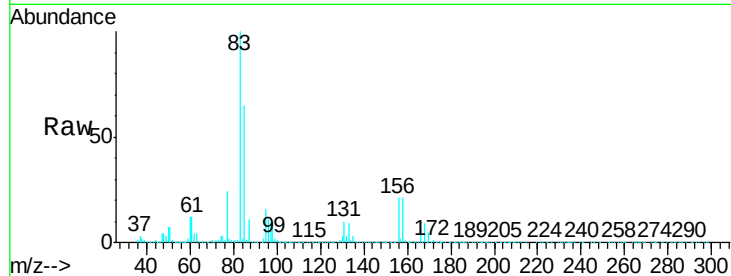
Tgt Ion: 83 Resp: 244501

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 65.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 26.834 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013321.D

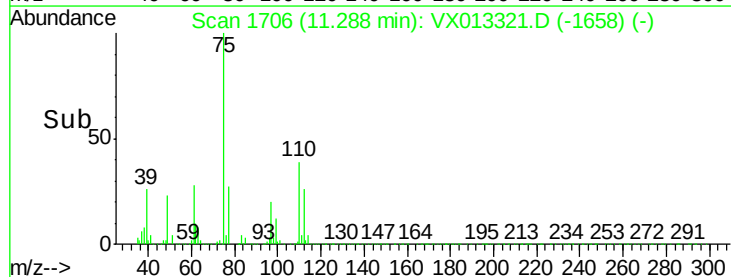
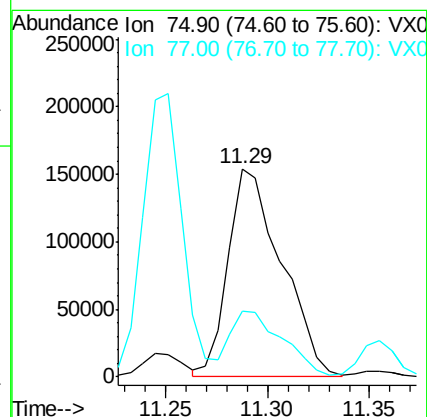
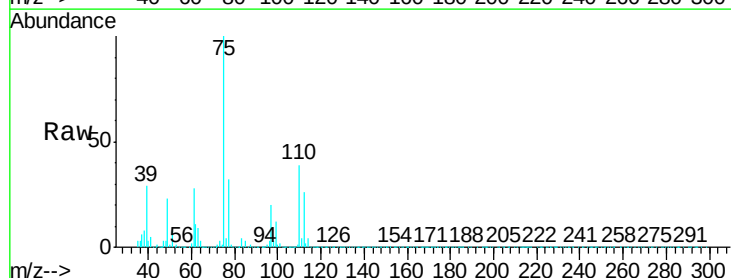
Acq: 04 Nov 2019 12:51

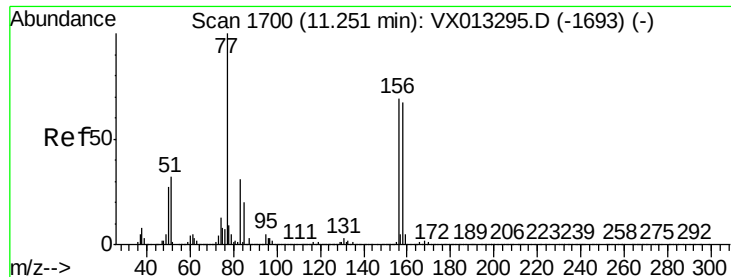
Tgt Ion: 75 Resp: 278169

Ion Ratio Lower Upper

75 100

77 30.6 22.3 66.8





#77

Bromobenzene

Concen: 20.961 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampled :

VX1104WBS01

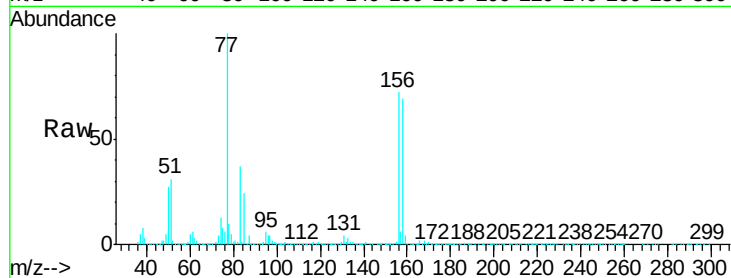
Tgt Ion:156 Resp: 189093

Ion Ratio Lower Upper

156 100

77 149.4 75.8 227.4

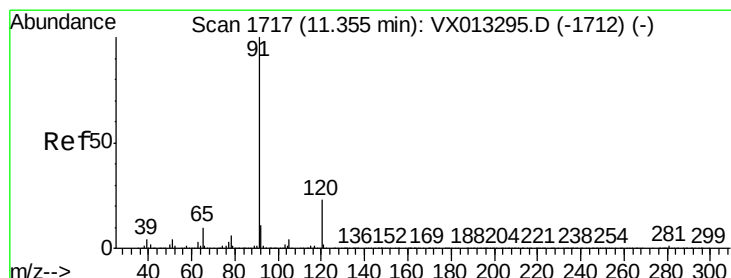
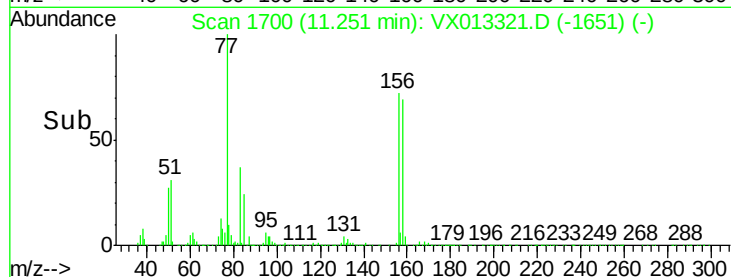
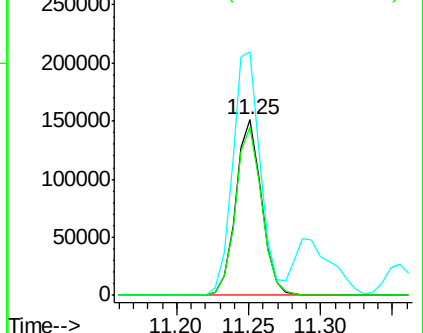
158 97.1 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.691 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013321.D

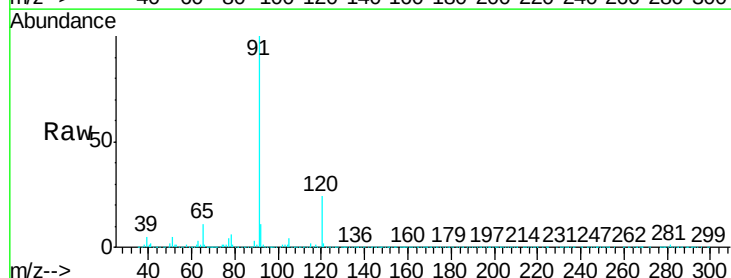
Acq: 04 Nov 2019 12:51

Tgt Ion: 91 Resp: 817643

Ion Ratio Lower Upper

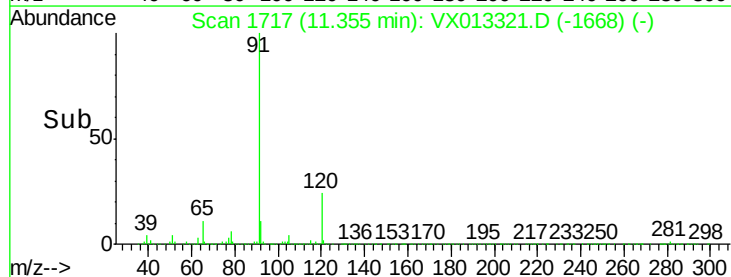
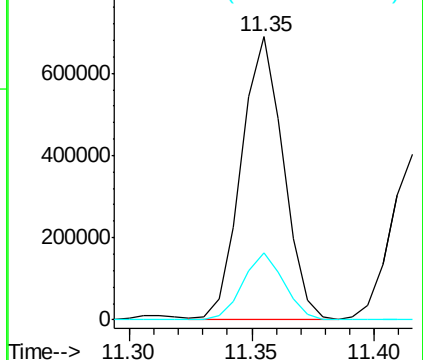
91 100

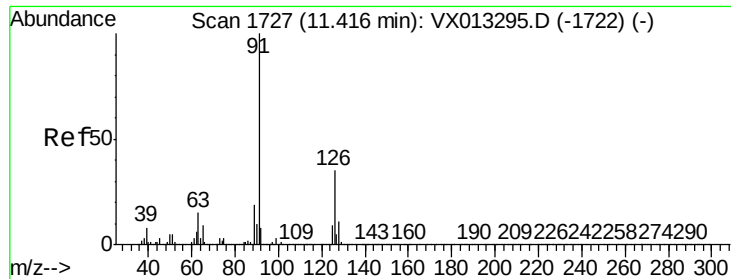
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

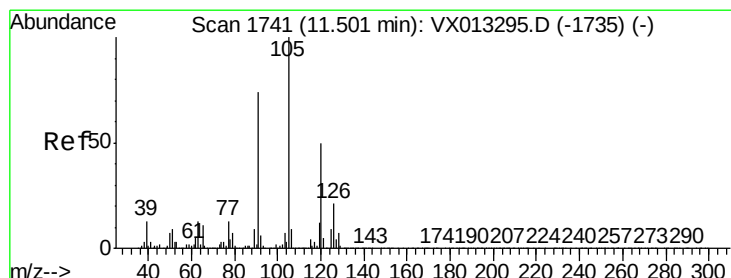
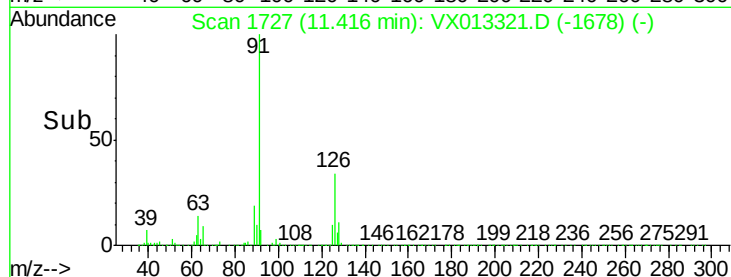
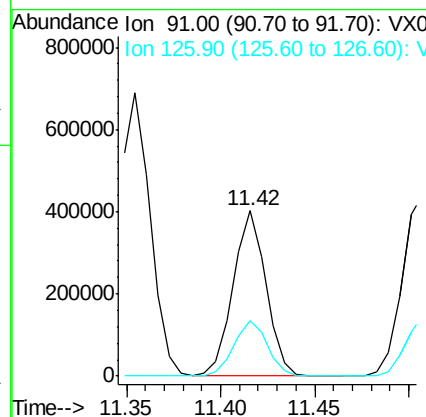
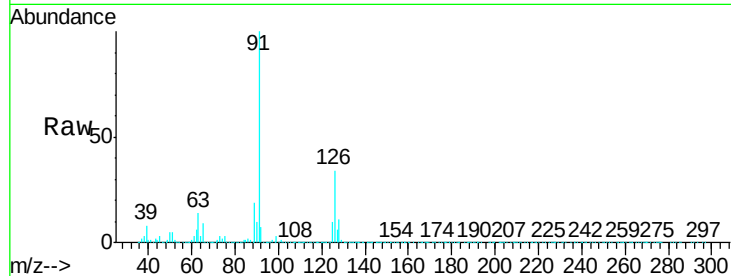




#79
 2-Chlorotoluene
 Concen: 21.260 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

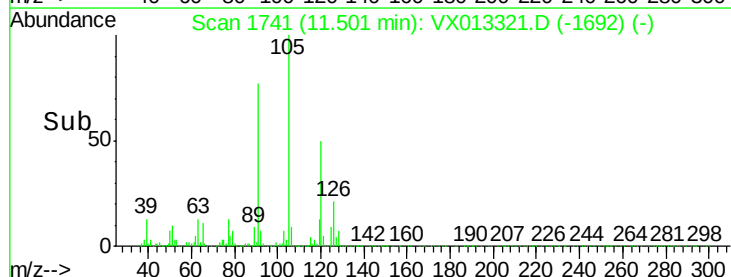
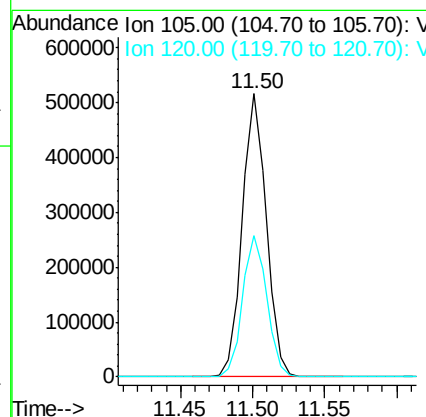
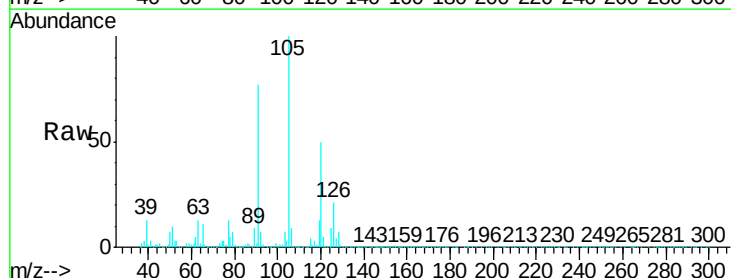
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

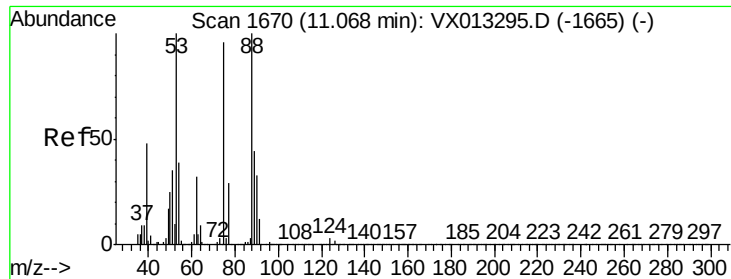
Tgt Ion: 91 Resp: 482843
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.292 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion: 105 Resp: 600124
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.208 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

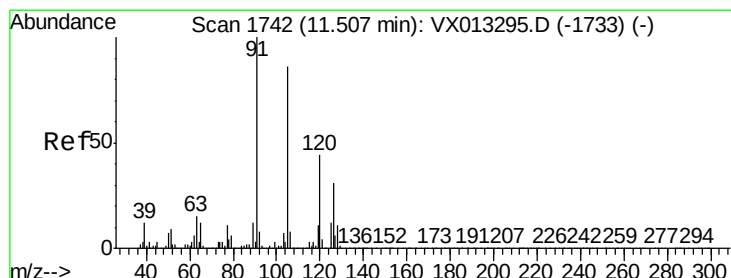
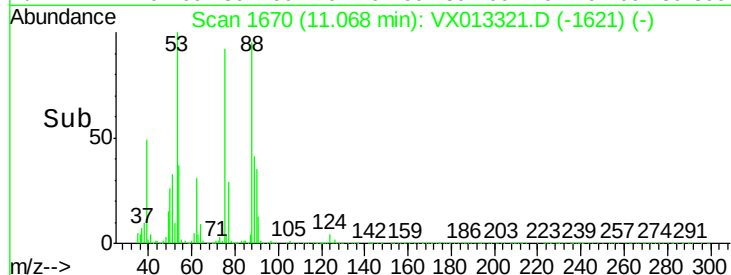
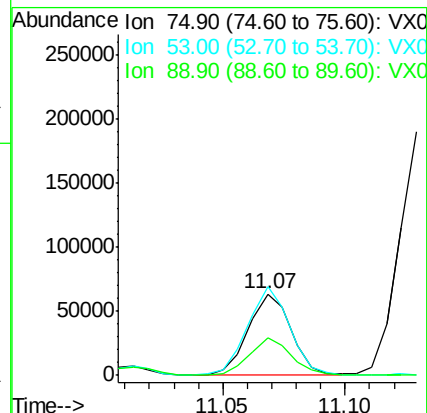
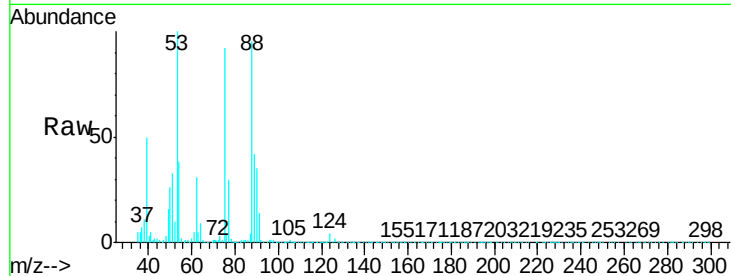
Tgt Ion: 75 Resp: 77359

Ion Ratio Lower Upper

75 100

53 105.9 81.0 121.6

89 46.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.639 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013321.D

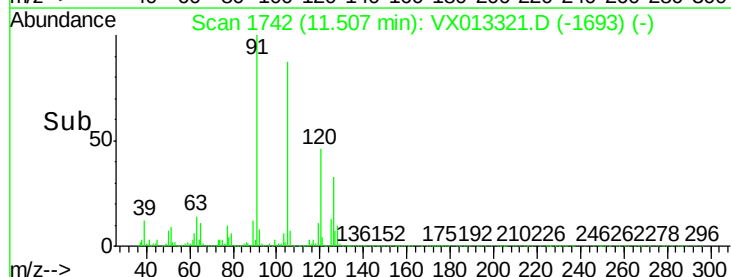
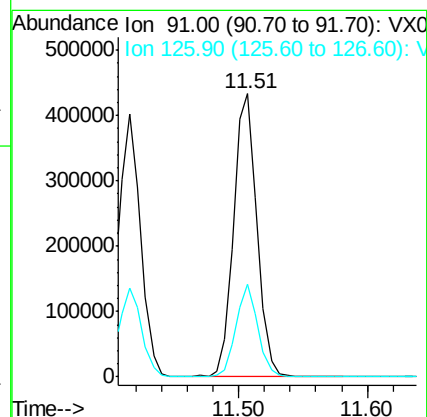
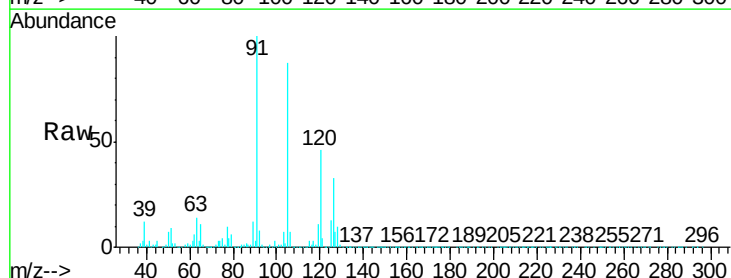
Acq: 04 Nov 2019 12:51

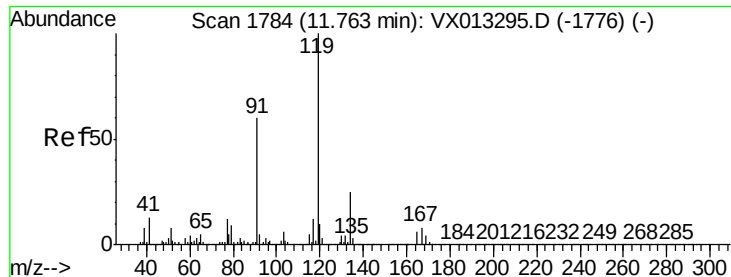
Tgt Ion: 91 Resp: 548691

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8

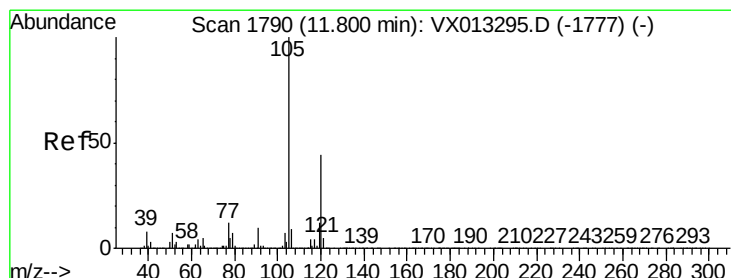
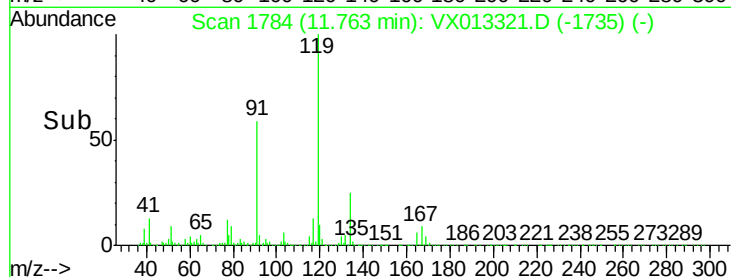
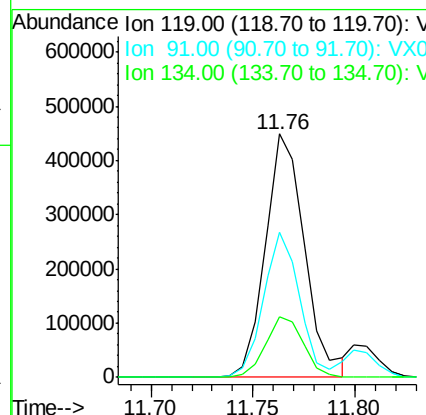
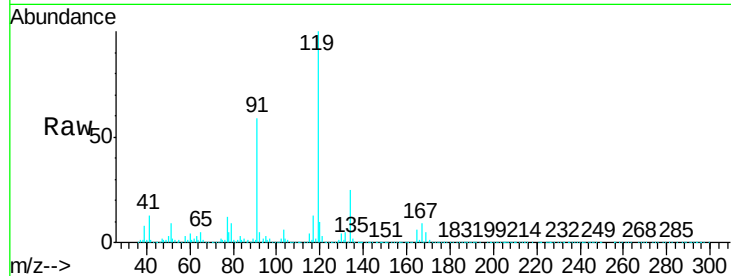




#83
 tert-Butylbenzene
 Concen: 21.213 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

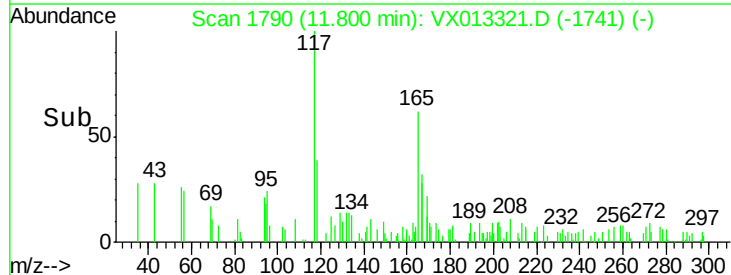
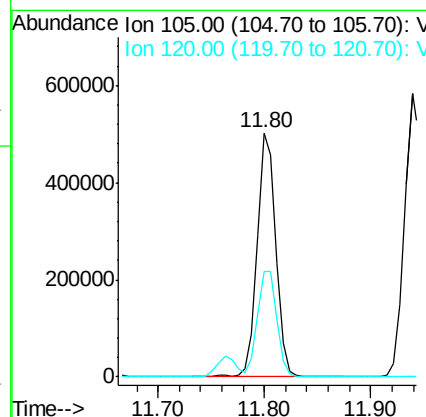
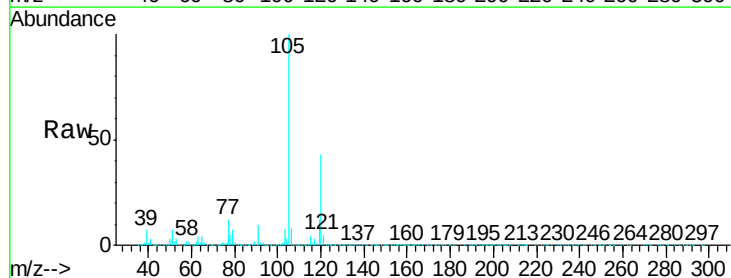
Instrument :
 MSVOA_X
 ClientSampled :
 VX1104WBS01

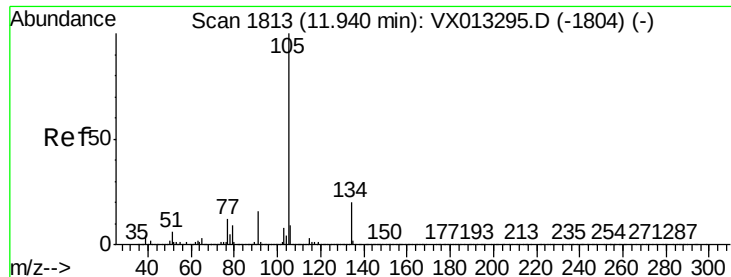
Tgt Ion:119 Resp: 601872
 Ion Ratio Lower Upper
 119 100
 91 54.7 26.9 80.7
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.845 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion:105 Resp: 617669
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.337 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

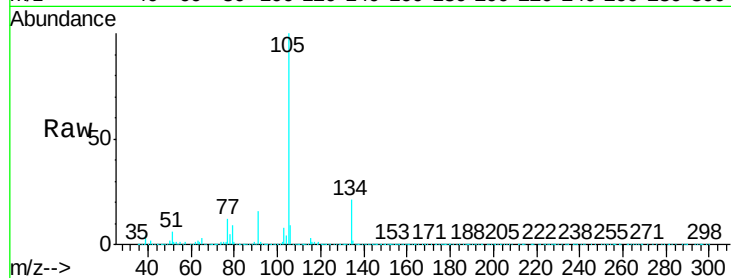
VX1104WBS01

Tgt Ion:105 Resp: 695785

Ion Ratio Lower Upper

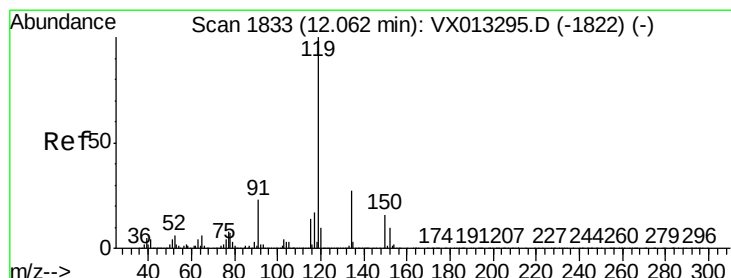
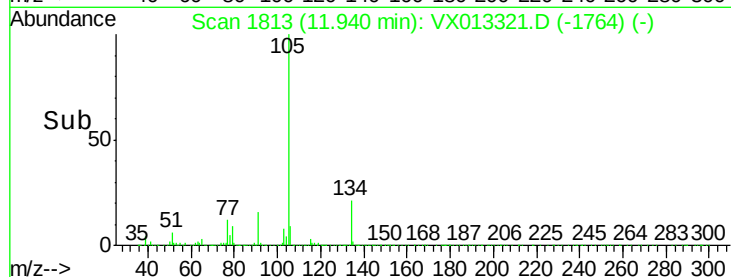
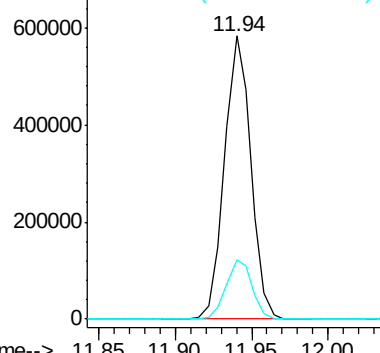
105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.609 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

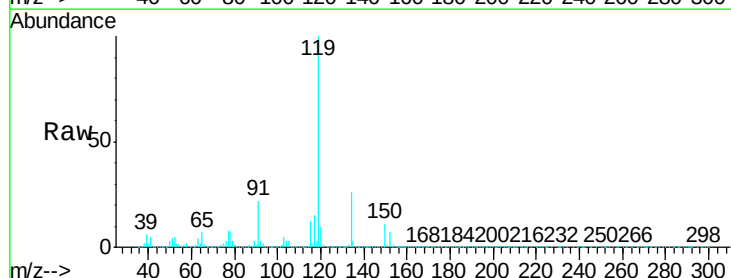
Tgt Ion:119 Resp: 648874

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

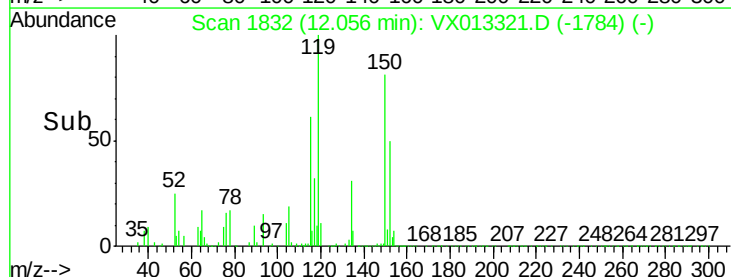
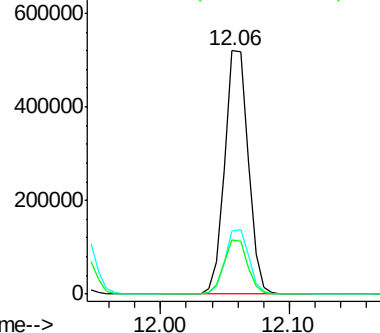
91 22.1 11.5 34.4

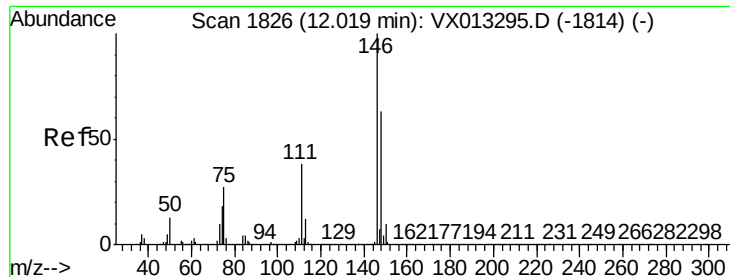


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

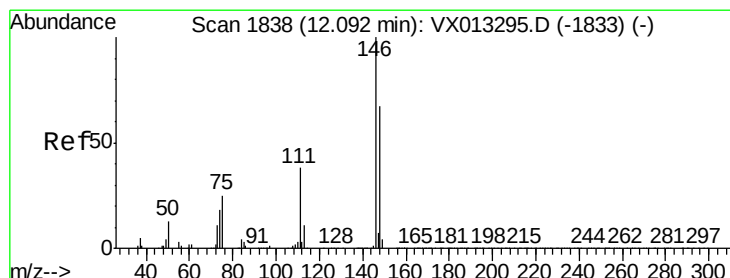
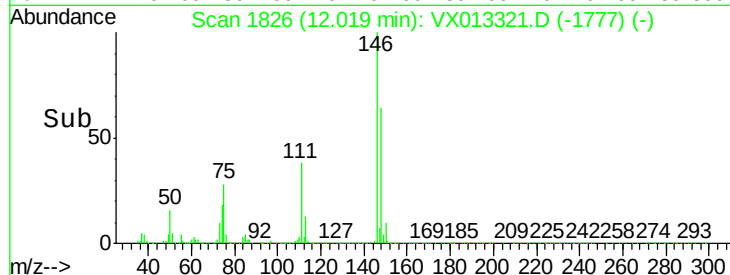
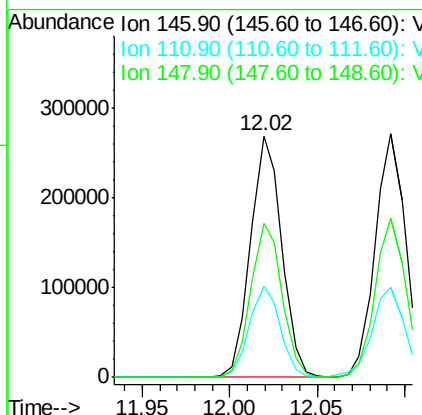
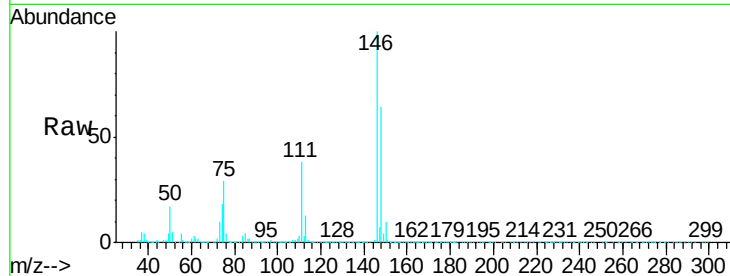




#87
 1,3-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

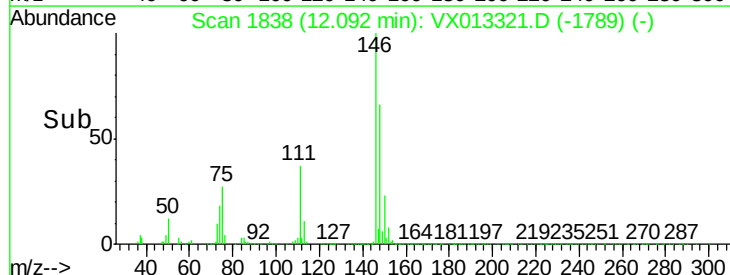
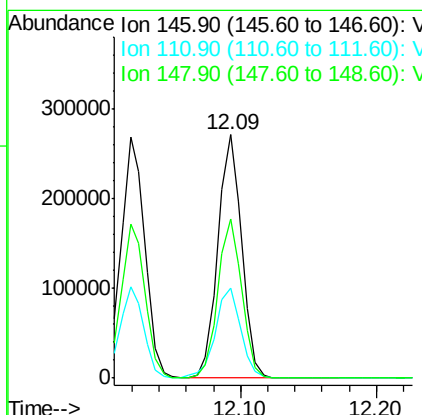
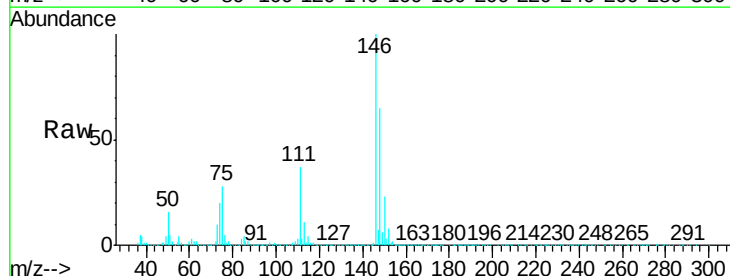
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

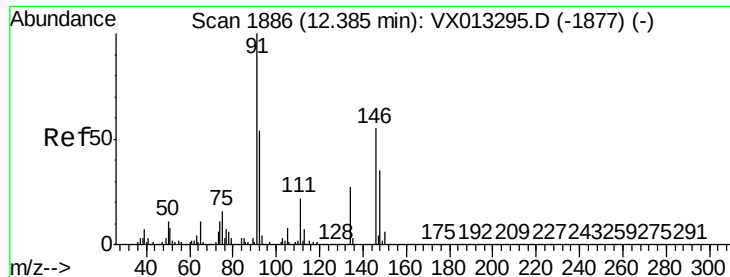
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	63.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.046 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.8	56.4
148	65.7	32.4	97.0





#89

n-Butylbenzene

Concen: 21.300 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

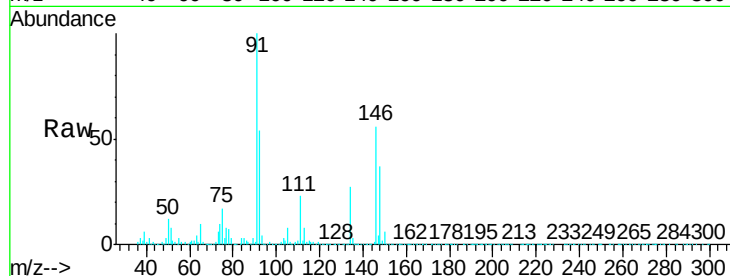
Tgt Ion: 91 Resp: 558071

Ion Ratio Lower Upper

91 100

92 53.8 27.3 81.8

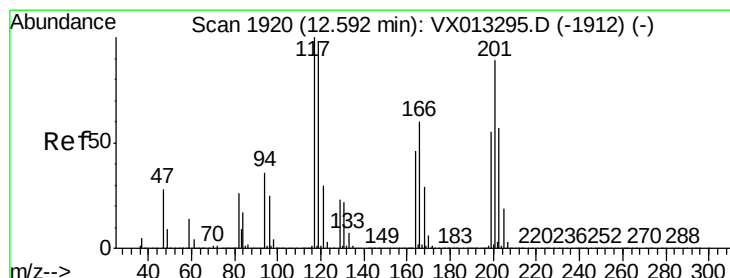
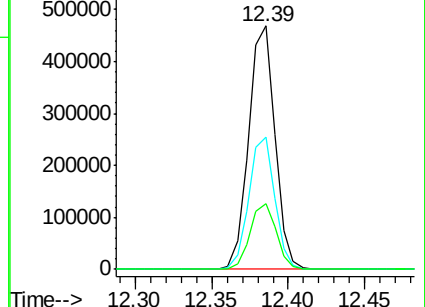
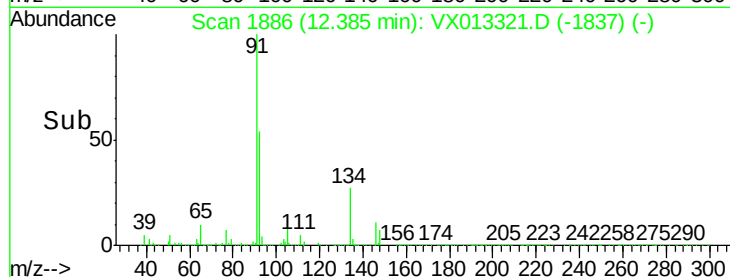
134 27.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX013321.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013321.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013321.D (-1837) (-)



#90

Hexachloroethane

Concen: 20.644 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013321.D

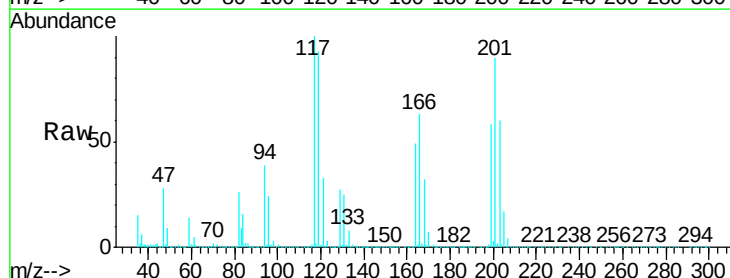
Acq: 04 Nov 2019 12:51

Tgt Ion: 117 Resp: 110443

Ion Ratio Lower Upper

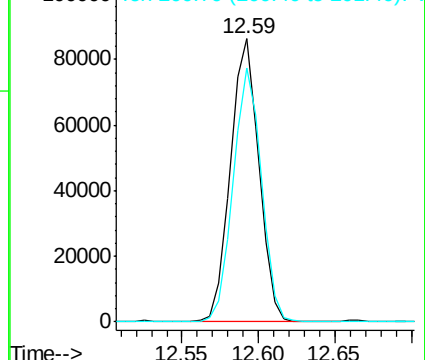
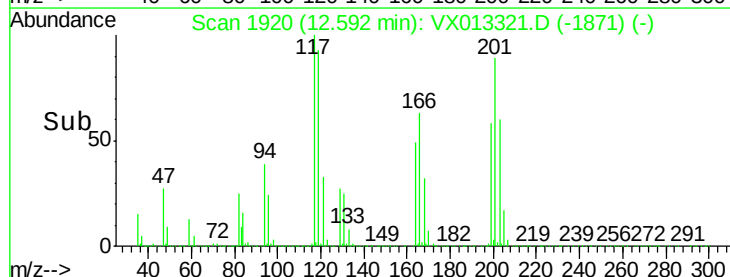
117 100

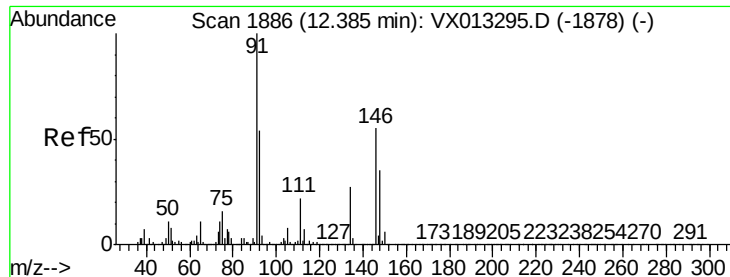
201 89.5 43.9 131.7



Abundance Ion 116.80 (116.50 to 117.50): VX013321.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013321.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 20.275 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

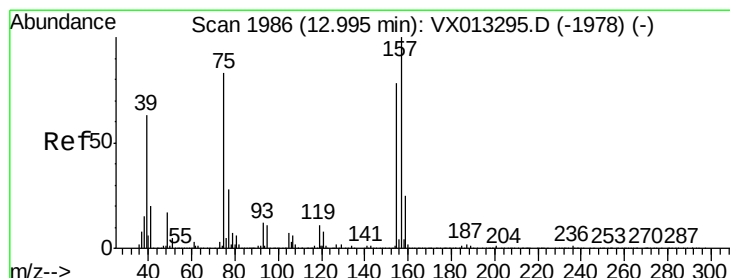
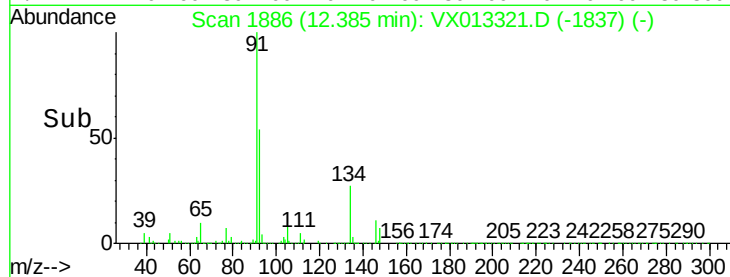
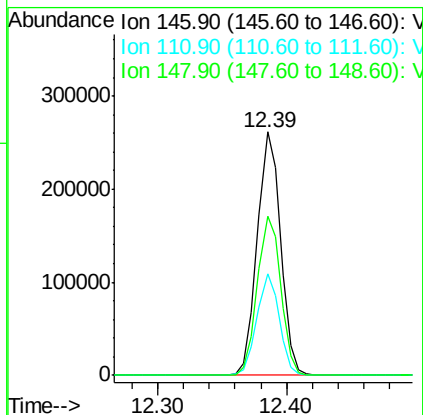
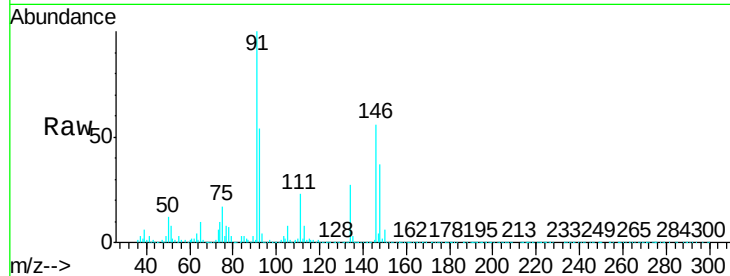
Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion:	146	Resp:	325893
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	65.7	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.248 ug/l

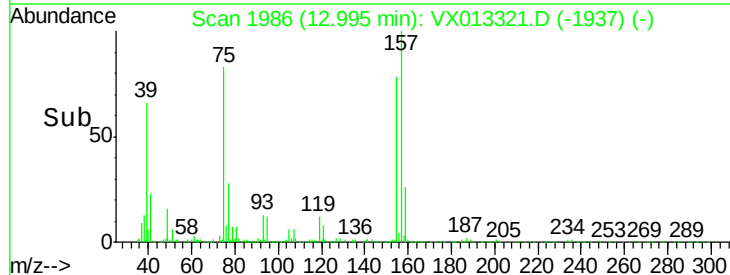
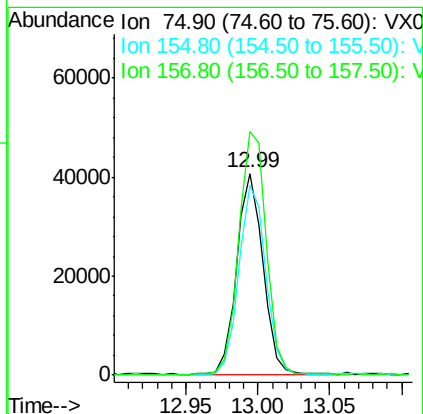
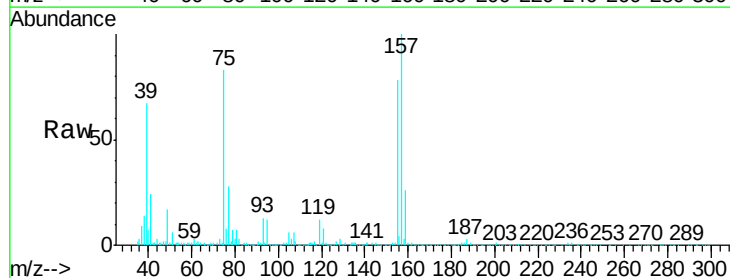
RT: 12.99 min Scan# 1986

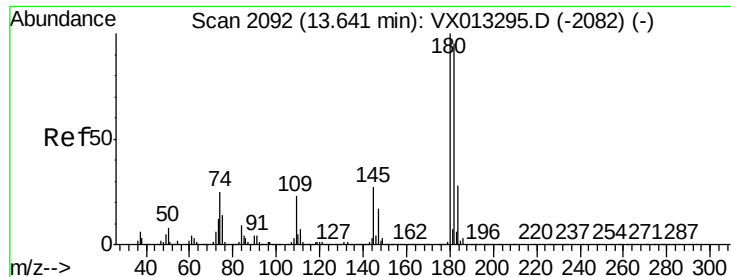
Delta R.T. -0.00 min

Lab File: VX013321.D

Acq: 04 Nov 2019 12:51

Tgt Ion:	75	Resp:	51875
Ion	Ratio	Lower	Upper
75	100		
155	96.3	47.1	141.4
157	126.6	61.3	183.8

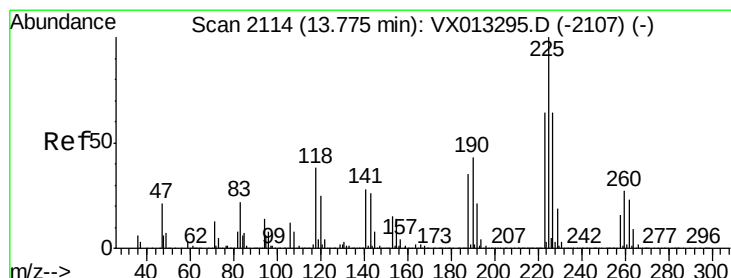
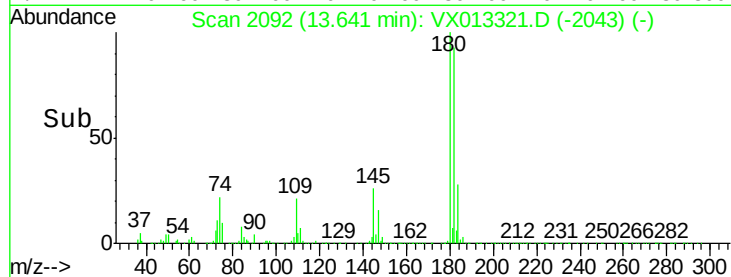
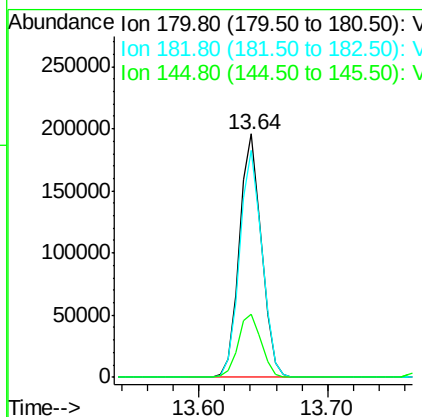
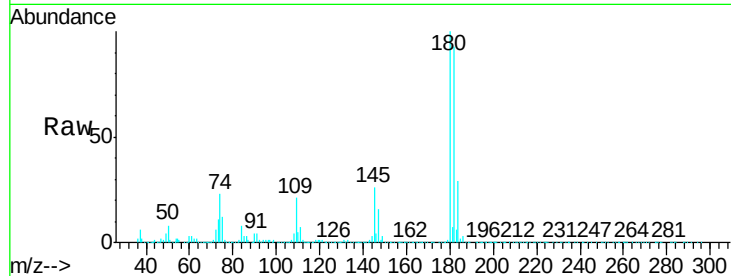




#93
 1,2,4-Trichlorobenzene
 Concen: 20.747 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

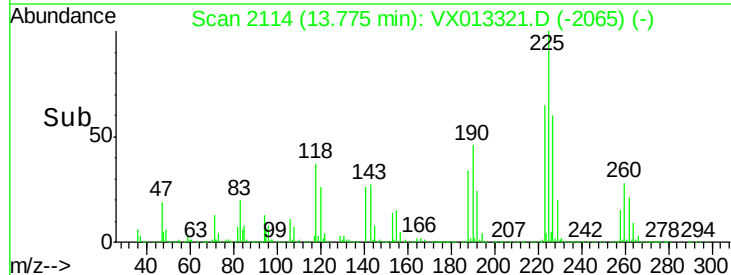
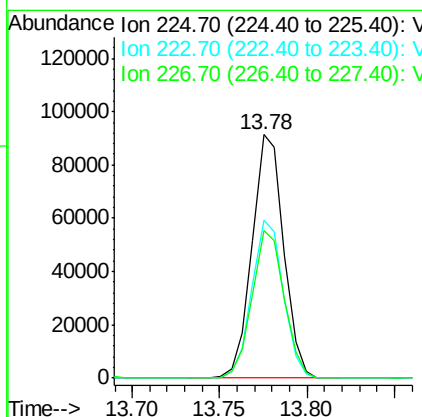
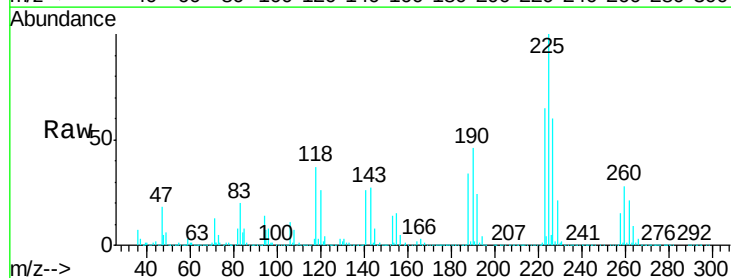
Instrument :
 MSVOA_X
 ClientSampled :
 VX1104WBS01

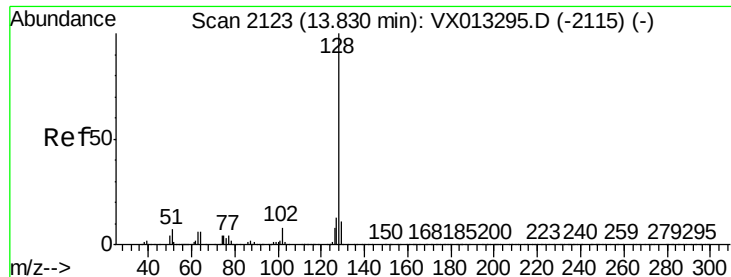
Tgt Ion:180 Resp: 232618
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.0
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.930 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013321.D
 Acq: 04 Nov 2019 12:51

Tgt Ion:225 Resp: 114807
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.9 95.7
 227 61.9 31.9 95.9

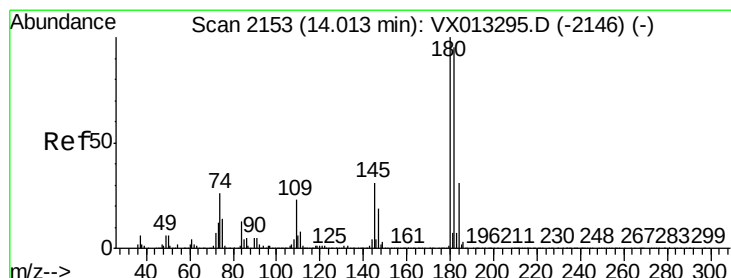
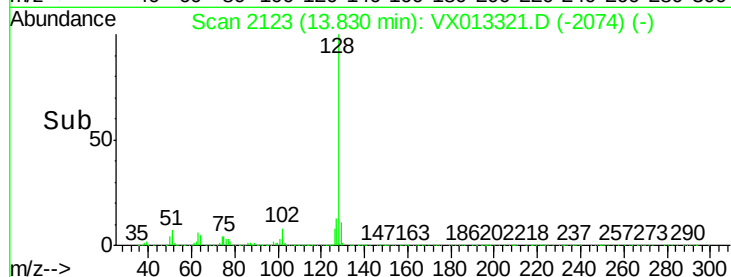
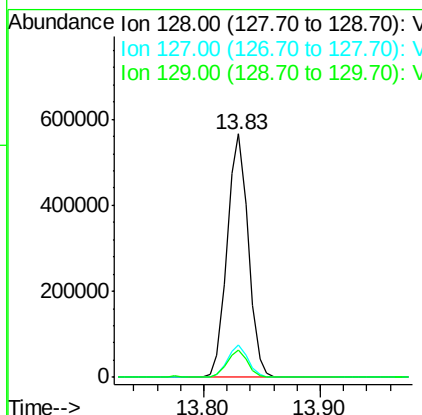
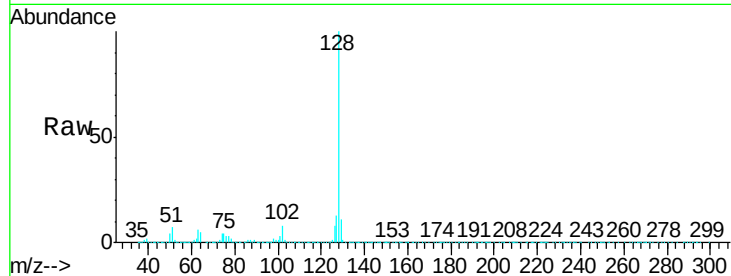




#95
Naphthalene
Concen: 20.275 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.602 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013321.D
Acq: 04 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	30.3	15.4	46.4

