

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013322.D
 Acq On : 04 Nov 2019 13:23
 Operator : JC/SP
 Sample : VX1104WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Quant Time: Nov 05 00:32:09 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	5.64	168	723604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1075852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	498295	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	409837	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
35) Dibromofluoromethane	5.48	113	328089	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	1252881	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	448918	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	165021	19.793	ug/l	97
3) Chloromethane	1.31	50	180867	20.004	ug/l	100
4) Vinyl Chloride	1.40	62	205300	19.945	ug/l	98
5) Bromomethane	1.62	94	121744	16.972	ug/l	99
6) Chloroethane	1.71	64	112196	18.313	ug/l	99
7) Trichlorofluoromethane	1.92	101	221165	18.187	ug/l	98
8) Diethyl Ether	2.17	74	103025	19.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	132949	19.615	ug/l	99
10) Methyl Iodide	2.50	142	151551	18.059	ug/l	97
11) Tert butyl alcohol	3.02	59	199690	88.379	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131427	19.801	ug/l	99
13) Acrolein	2.28	56	96856	79.094	ug/l	98
14) Allyl chloride	2.72	41	242538	20.111	ug/l	97
15) Acrylonitrile	3.12	53	425433	100.799	ug/l	99
16) Acetone	2.42	43	418213	97.807	ug/l	100
17) Carbon Disulfide	2.56	76	356265	20.054	ug/l	99
18) Methyl Acetate	2.76	43	240828	20.401	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	459692	20.765	ug/l	98
20) Methylene Chloride	2.84	84	151903	19.228	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	143082	19.798	ug/l	98
22) Diisopropyl ether	3.84	45	484113	20.792	ug/l	93
23) Vinyl Acetate	3.80	43	2056131	103.201	ug/l	99
24) 1,1-Dichloroethane	3.68	63	262682	20.168	ug/l	99
25) 2-Butanone	4.65	43	615806	98.171	ug/l	97
26) 2,2-Dichloropropane	4.57	77	209590	20.228	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	165470	20.439	ug/l	98
28) Bromochloromethane	5.00	49	76088	20.574	ug/l	96
29) Tetrahydrofuran	5.11	42	384411	99.446	ug/l	99
30) Chloroform	5.19	83	258034	20.063	ug/l	100
31) Cyclohexane	5.56	56	232799	19.863	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	214378	19.369	ug/l	99
36) 1,1-Dichloropropene	5.78	75	194877	21.115	ug/l	99
37) Ethyl Acetate	4.81	43	229902	20.159	ug/l	100
38) Carbon Tetrachloride	5.76	117	183658	20.349	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	236308	20.548	ug/l	99
40) Benzene	6.13	78	582789	20.271	ug/l	100
41) Methacrylonitrile	5.02	41	128381	20.084	ug/l	99
42) 1,2-Dichloroethane	6.18	62	212933	20.533	ug/l	99
43) Isopropyl Acetate	6.43	43	367409	20.689	ug/l	99
44) Trichloroethene	7.20	130	157388	19.888	ug/l	97
45) 1,2-Dichloropropane	7.50	63	153292	20.927	ug/l	100
46) Dibromomethane	7.65	93	100735	20.141	ug/l	98
47) Bromodichloromethane	7.89	83	198195	21.015	ug/l	96
48) Methyl methacrylate	7.76	41	185364	20.910	ug/l	99
49) 1,4-Dioxane	7.73	88	79713	392.647	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1184467	101.659	ug/l	99
52) Toluene	8.78	92	363898	20.422	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	216454	20.988	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239343	20.747	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	155305	21.028	ug/l	99
56) Ethyl methacrylate	9.17	69	240241	20.021	ug/l	99
57) 1,3-Dichloropropane	9.36	76	260644	20.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	505696	100.138	ug/l	100
59) 2-Hexanone	9.48	43	917886	101.943	ug/l	100
60) Dibromochloromethane	9.57	129	156910	20.773	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161920	20.646	ug/l	99
64) Tetrachloroethene	9.33	164	143049	20.495	ug/l	96
65) Chlorobenzene	10.13	112	396985	20.111	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	148728	20.520	ug/l	99
67) Ethyl Benzene	10.25	91	690889	20.280	ug/l	99
68) m/p-Xylenes	10.36	106	532197	41.306	ug/l	99
69) o-Xylene	10.69	106	258750	20.513	ug/l	99
70) Styrene	10.71	104	439524	20.844	ug/l	99
71) Bromoform	10.85	173	121221	20.086	ug/l #	100
73) Isopropylbenzene	11.01	105	690189	20.891	ug/l	100
74) N-amyl acetate	10.89	43	324763	21.198	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	247135	20.505	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	273215	26.995	ug/l	82
77) Bromobenzene	11.25	156	181386	20.595	ug/l	97
78) n-propylbenzene	11.35	91	774707	21.051	ug/l	99
79) 2-Chlorotoluene	11.42	91	468581	21.133	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	585013	21.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80761	20.539	ug/l	96
82) 4-Chlorotoluene	11.51	91	534725	20.601	ug/l	99
83) tert-Butylbenzene	11.76	119	583216	21.054	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	590270	21.383	ug/l	100
85) sec-Butylbenzene	11.94	105	667779	20.975	ug/l	100
86) p-Isopropyltoluene	12.06	119	625409	21.333	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319347	20.341	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	322674	20.173	ug/l	100
89) n-Butylbenzene	12.39	91	530991	20.757	ug/l	100
90) Hexachloroethane	12.59	117	107811	20.640	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	323970	20.644	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51672	17.597	ug/l	97

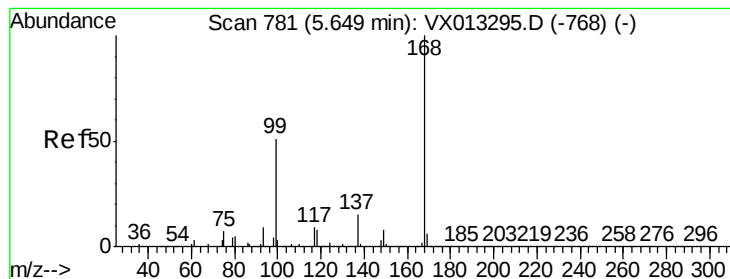
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
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Quant Time: Nov 05 00:32:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	226260	20.669	ug/l	98
94) Hexachlorobutadiene	13.78	225	110859	20.700	ug/l	99
95) Naphthalene	13.83	128	704944	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	230197	20.969	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

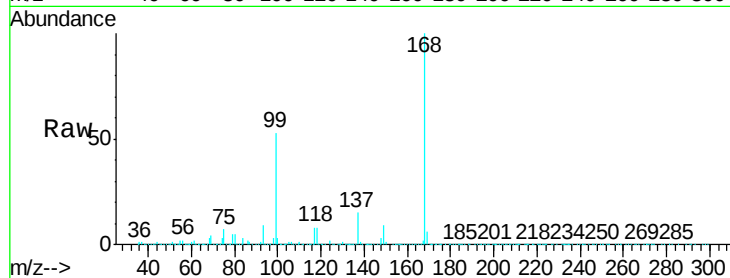
VX1104WBSD01

Tgt Ion:168 Resp: 723604

Ion Ratio Lower Upper

168 100

99 52.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

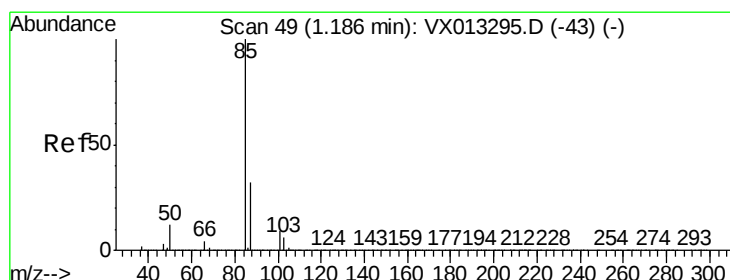
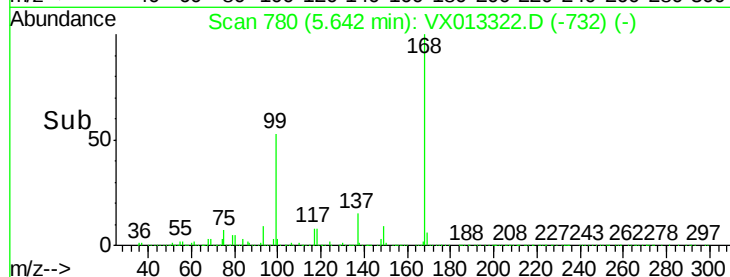
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.793 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013322.D

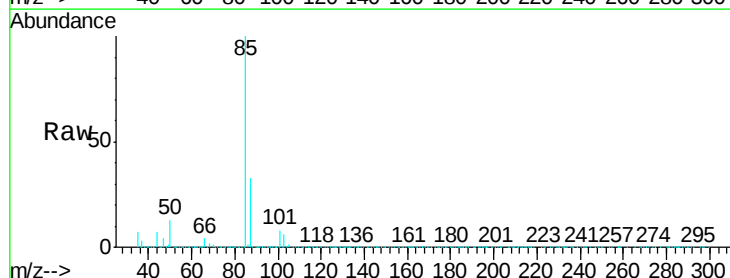
Acq: 04 Nov 2019 13:23

Tgt Ion: 85 Resp: 165021

Ion Ratio Lower Upper

85 100

87 33.4 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

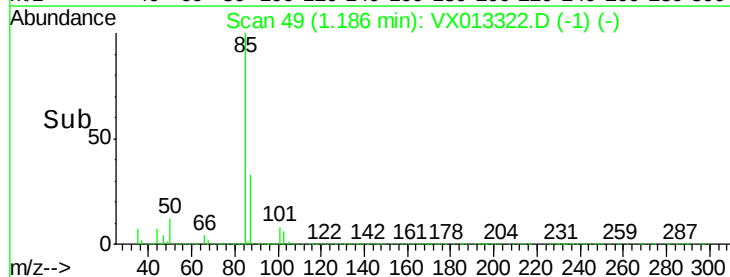
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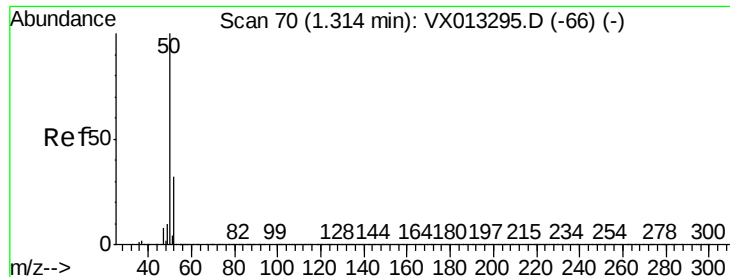
100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.004 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

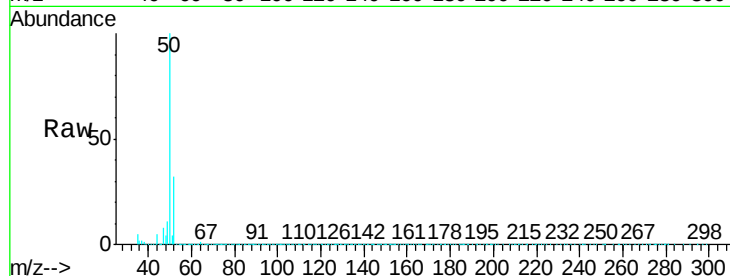
VX1104WBSD01

Tgt Ion: 50 Resp: 180867

Ion Ratio Lower Upper

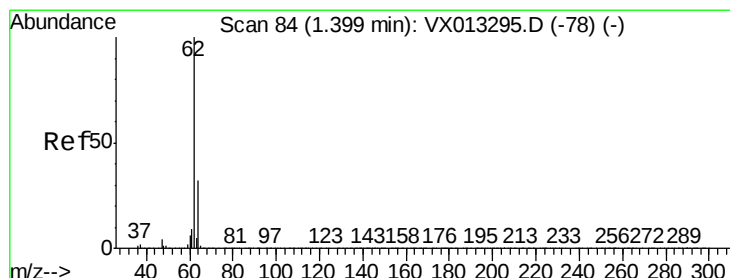
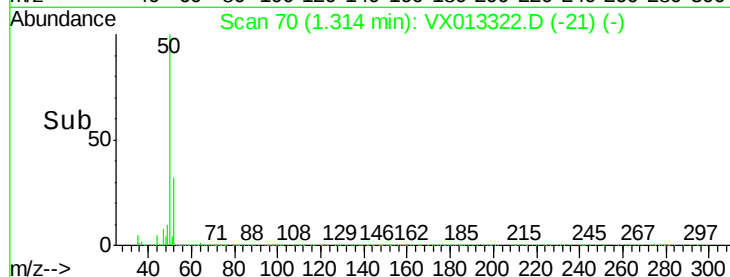
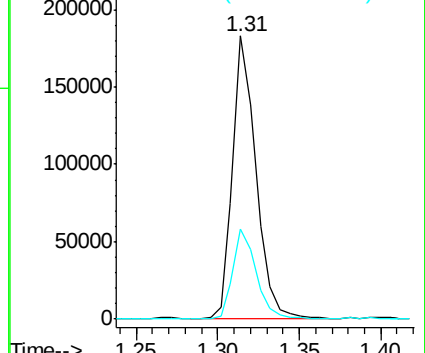
50 100

52 31.7 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.945 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013322.D

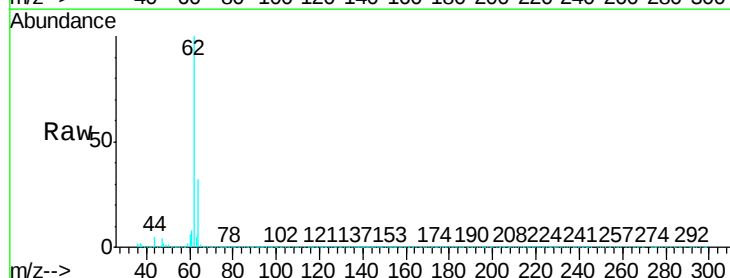
Acq: 04 Nov 2019 13:23

Tgt Ion: 62 Resp: 205300

Ion Ratio Lower Upper

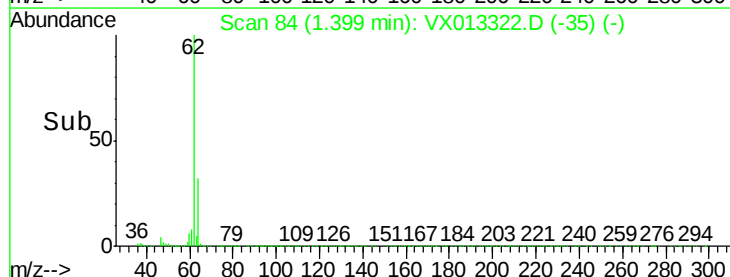
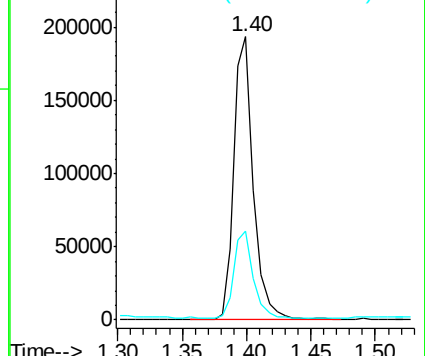
62 100

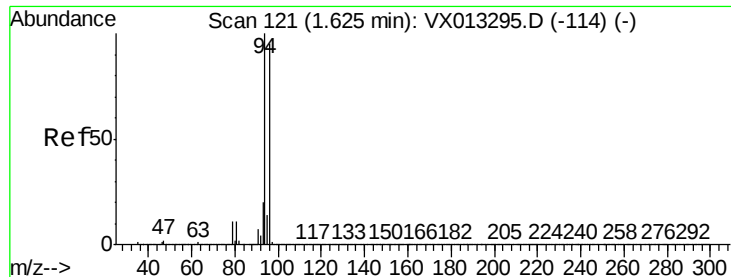
64 30.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.972 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

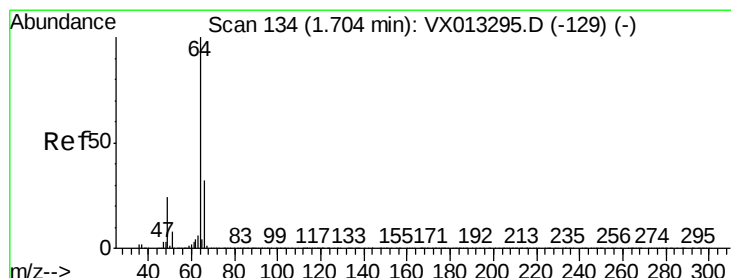
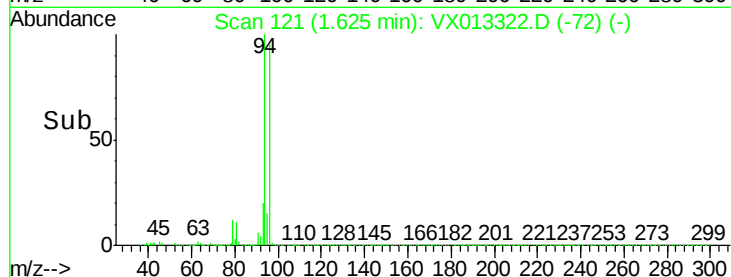
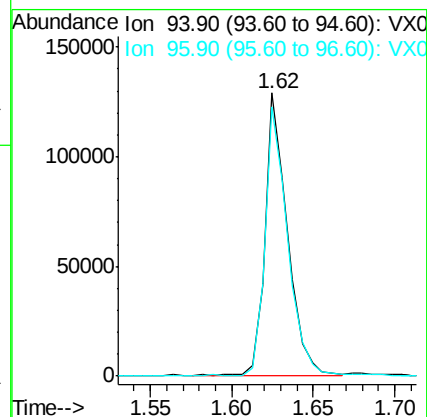
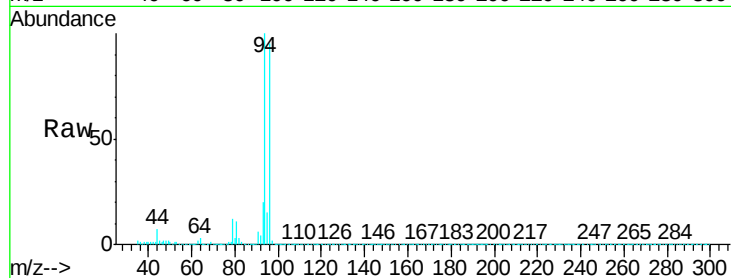
VX1104WBSD01

Tgt Ion: 94 Resp: 121744

Ion Ratio Lower Upper

94 100

96 95.3 75.8 113.8



#6

Chloroethane

Concen: 18.313 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013322.D

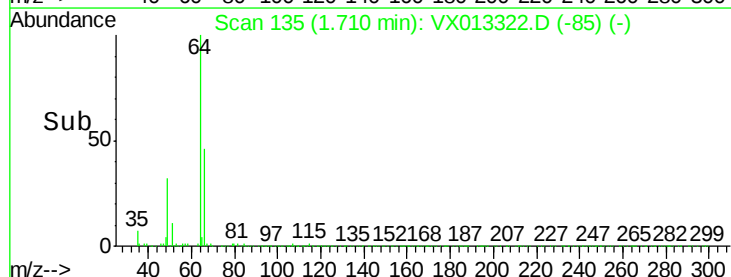
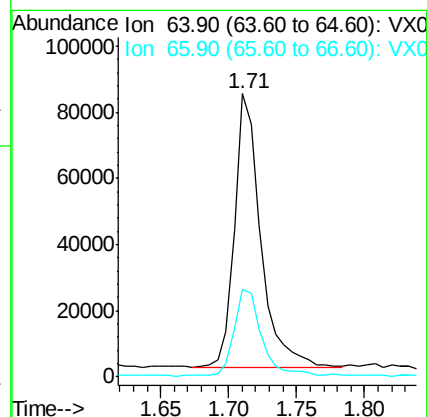
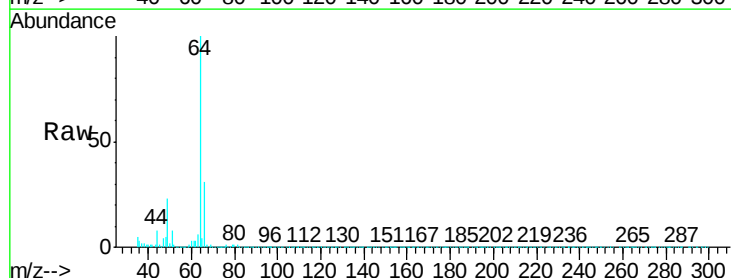
Acq: 04 Nov 2019 13:23

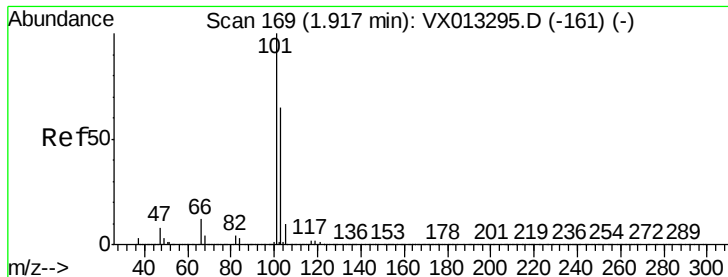
Tgt Ion: 64 Resp: 112196

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



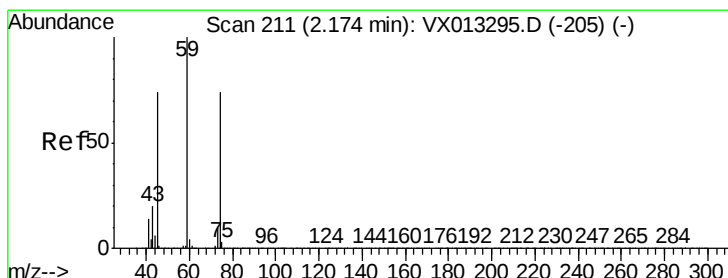
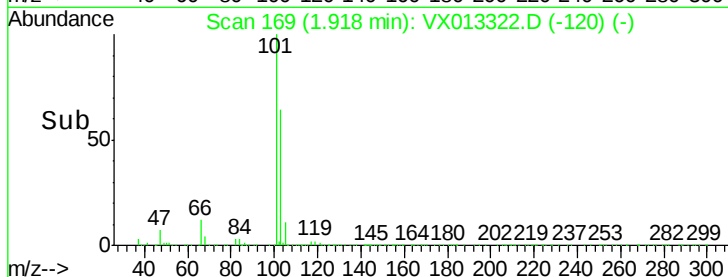
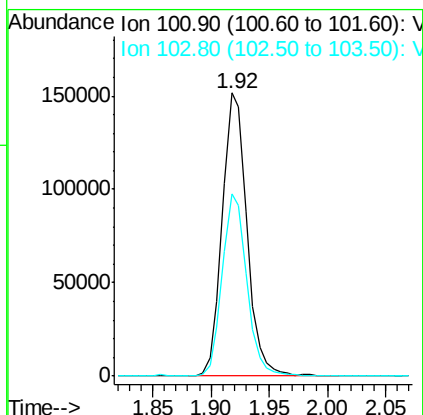
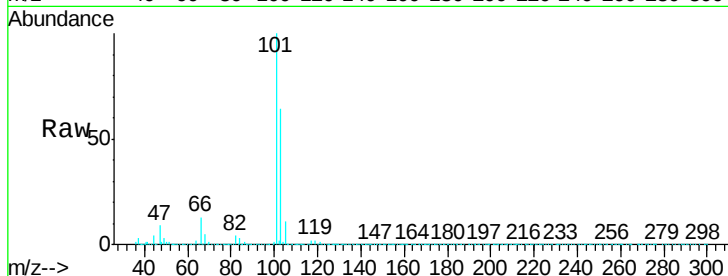


#7

Trichlorofluoromethane
 Concen: 18.187 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

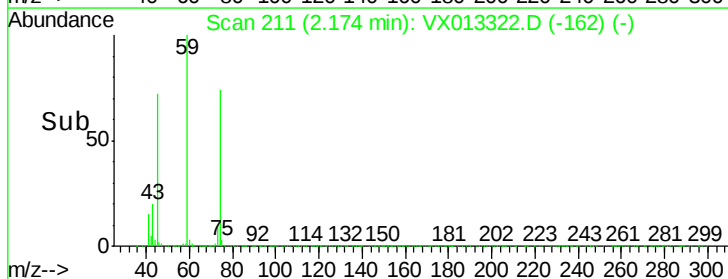
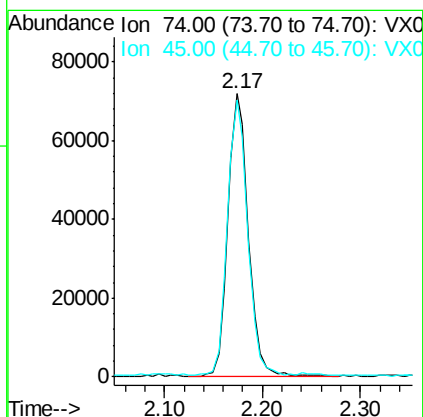
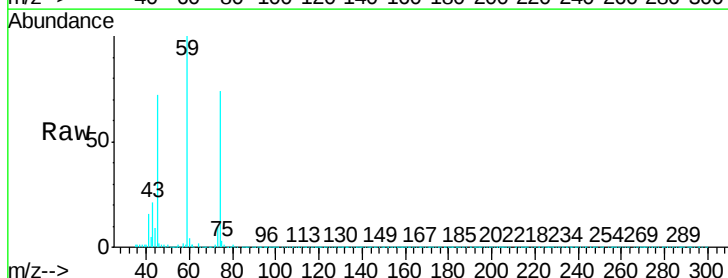
Tgt Ion: 101 Resp: 221165
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

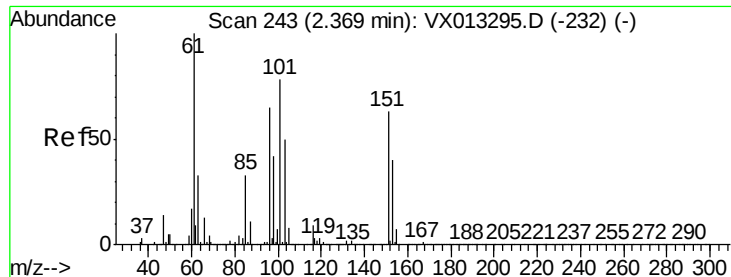


#8

Diethyl Ether
 Concen: 19.158 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion: 74 Resp: 103025
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.615 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

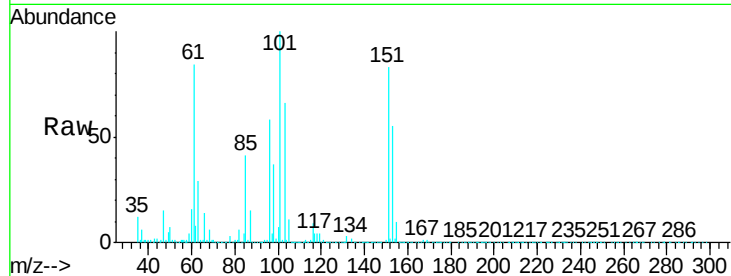
Tgt Ion:101 Resp: 132949

Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

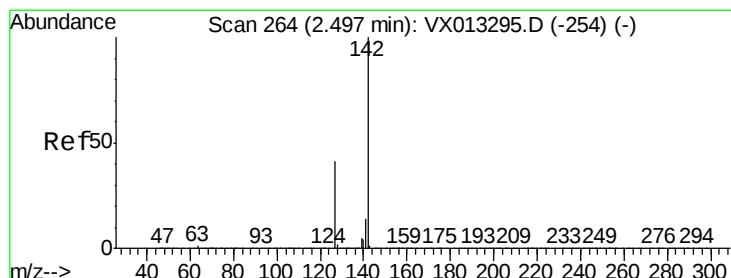
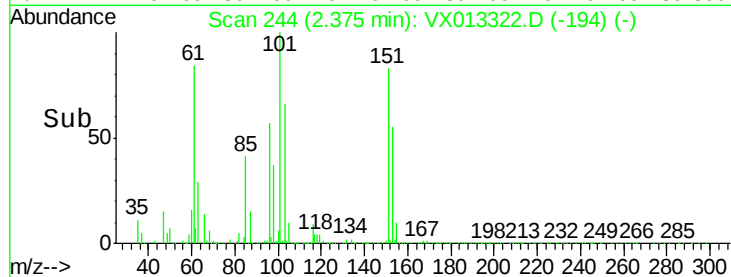
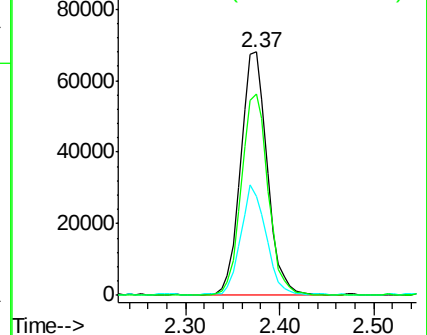
151 83.6 66.4 99.6



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: 18.059 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

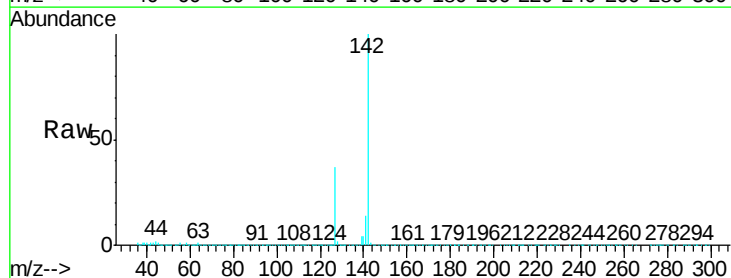
Tgt Ion:142 Resp: 151551

Ion Ratio Lower Upper

142 100

127 38.3 32.6 49.0

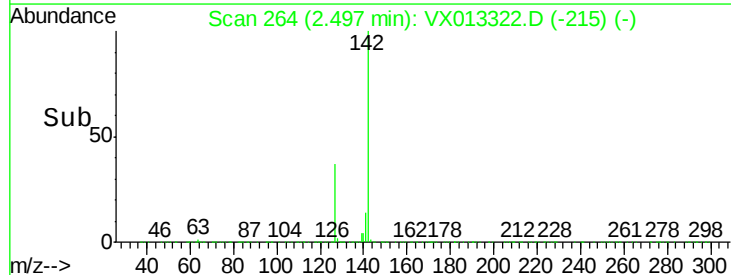
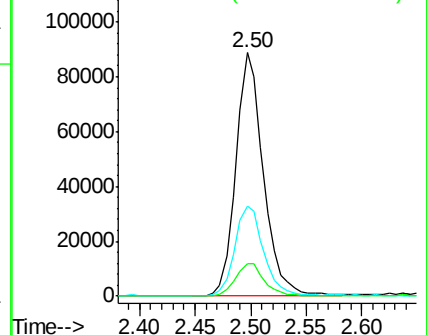
141 14.2 11.6 17.4

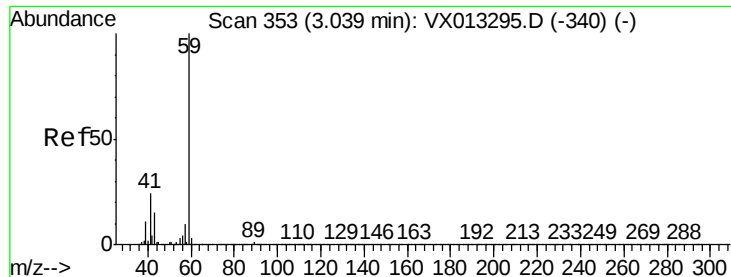


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



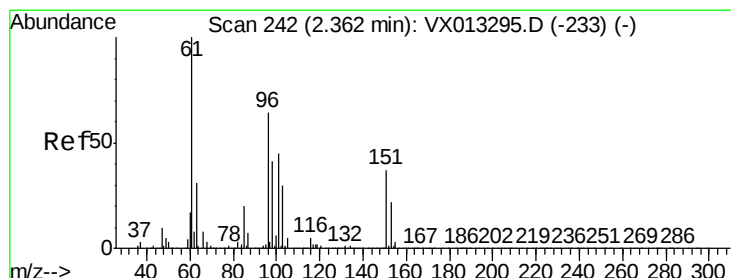
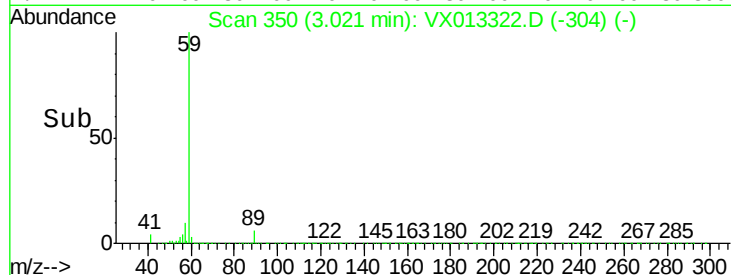
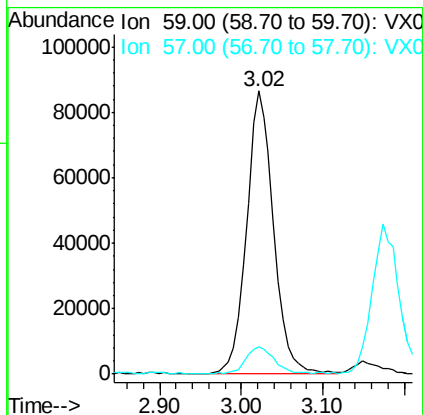
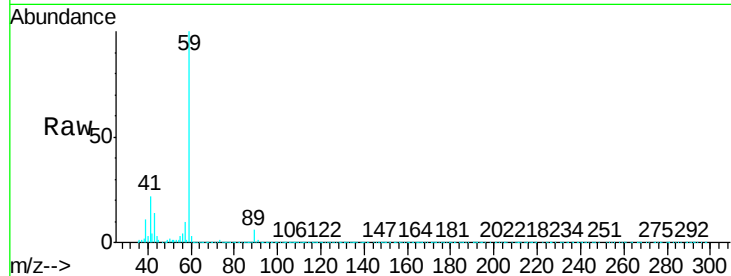


#11

Tert butyl alcohol
Concen: 88.379 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

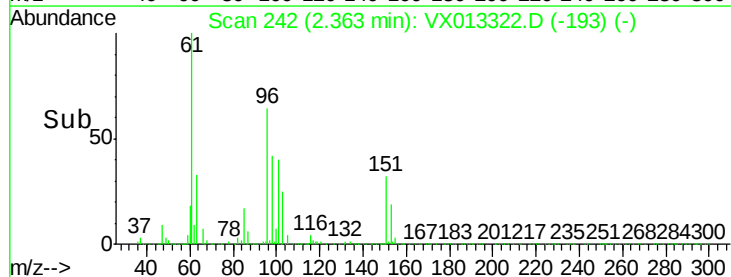
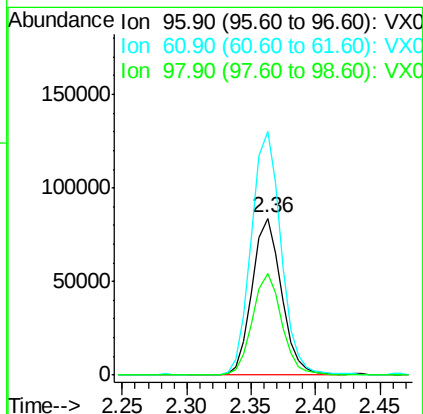
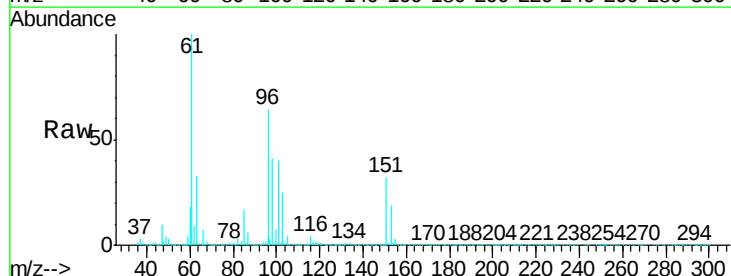
Tgt Ion: 59 Resp: 199690
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0

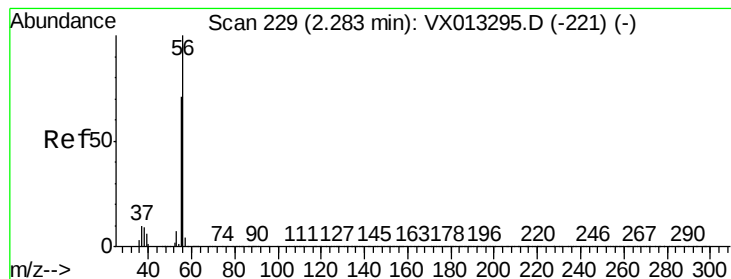


#12

1,1-Dichloroethene
Concen: 19.801 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 96 Resp: 131427
Ion Ratio Lower Upper
96 100
61 155.2 125.0 187.6
98 64.4 50.7 76.1





#13

Acrolein

Concen: 79.094 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

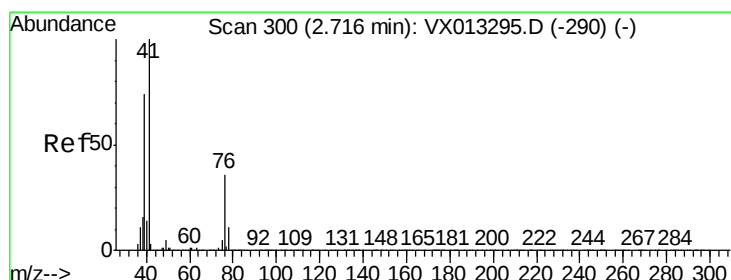
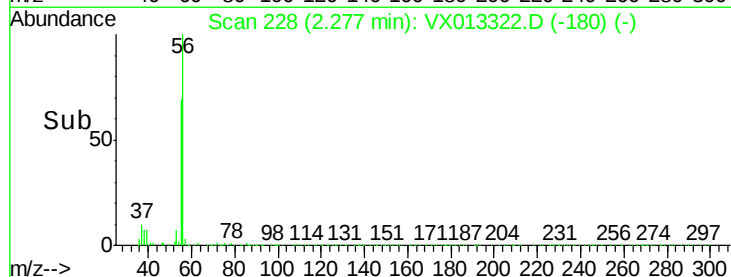
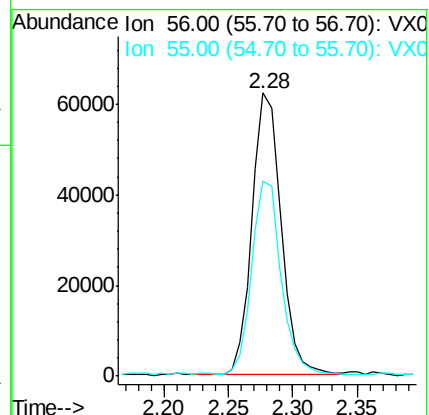
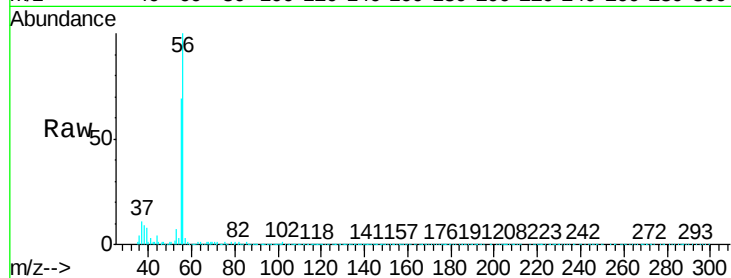
VX1104WBSD01

Tgt Ion: 56 Resp: 96856

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.0



#14

Allyl chloride

Concen: 20.111 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

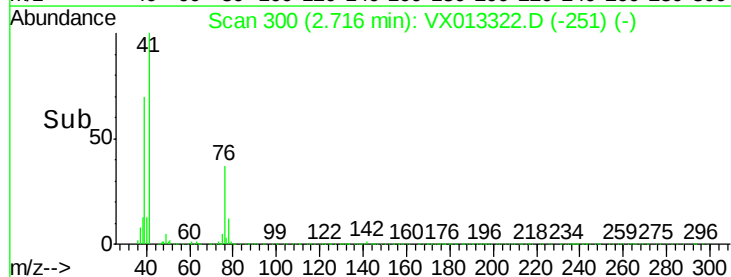
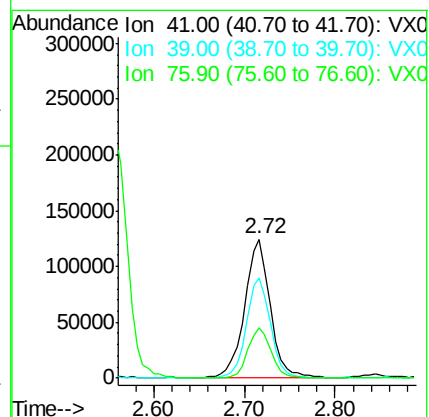
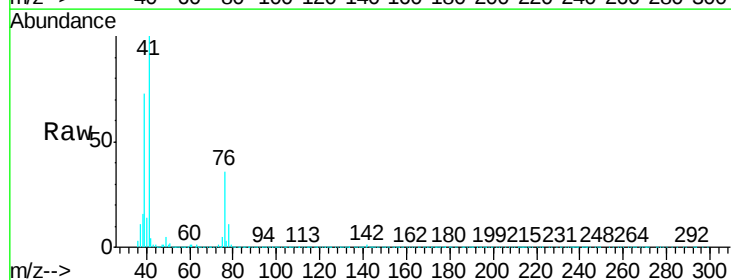
Tgt Ion: 41 Resp: 242538

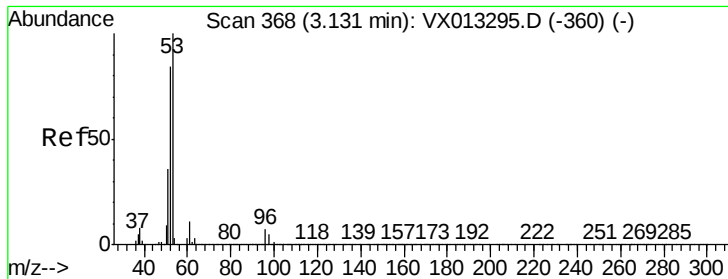
Ion Ratio Lower Upper

41 100

39 67.1 55.8 83.8

76 31.7 26.4 39.6





#15

Acrylonitrile

Concen: 100.799 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

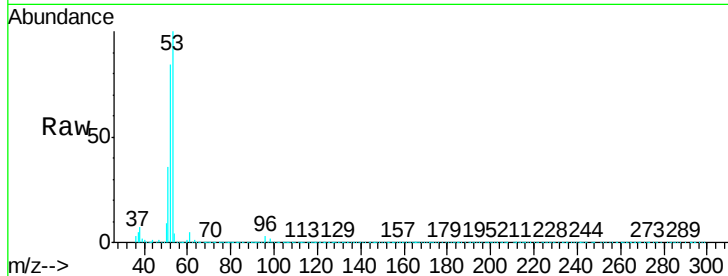
Tgt Ion: 53 Resp: 425433

Ion Ratio Lower Upper

53 100

52 84.7 67.4 101.0

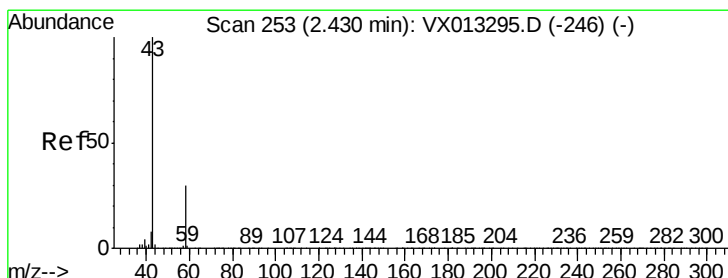
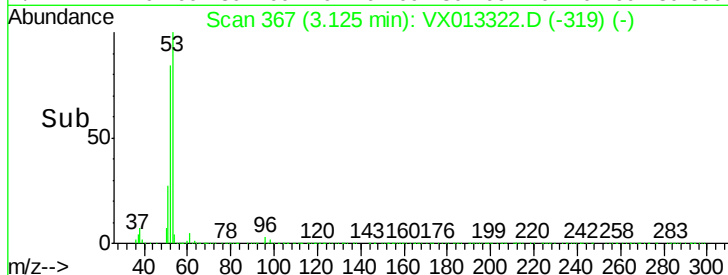
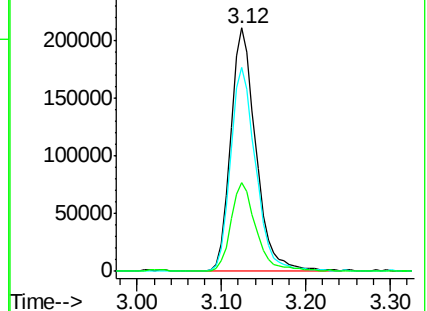
51 36.4 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.807 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013322.D

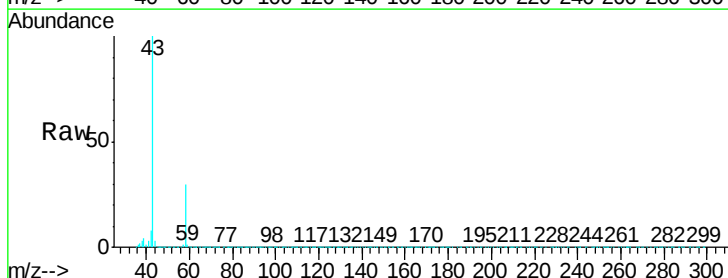
Acq: 04 Nov 2019 13:23

Tgt Ion: 43 Resp: 418213

Ion Ratio Lower Upper

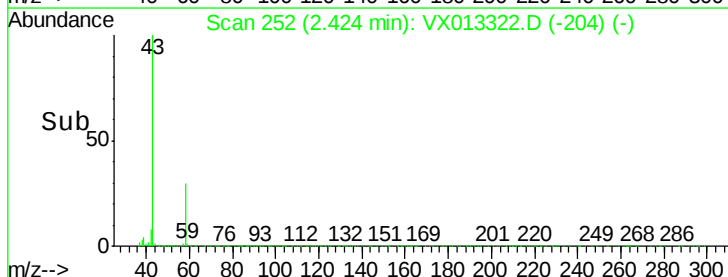
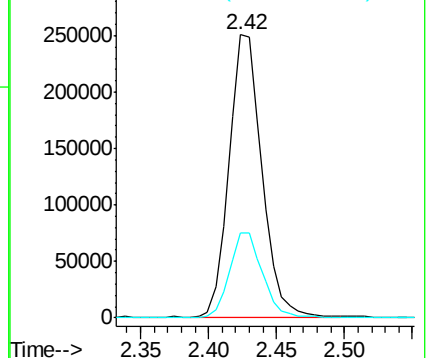
43 100

58 30.1 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.054 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

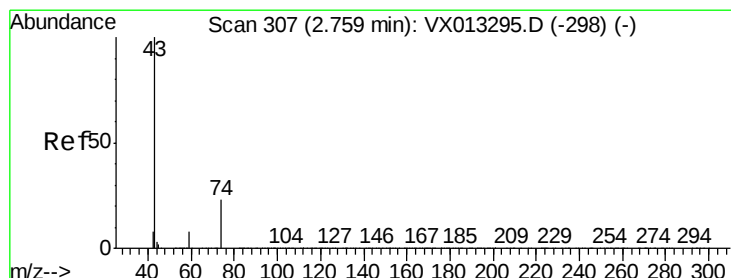
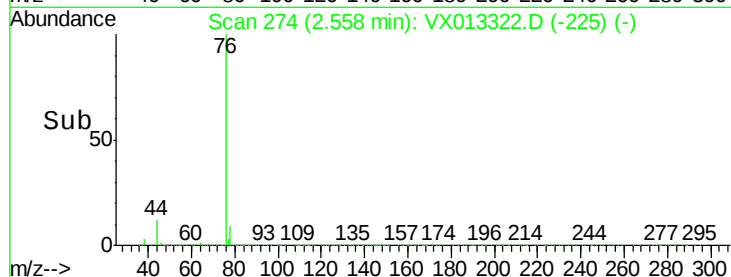
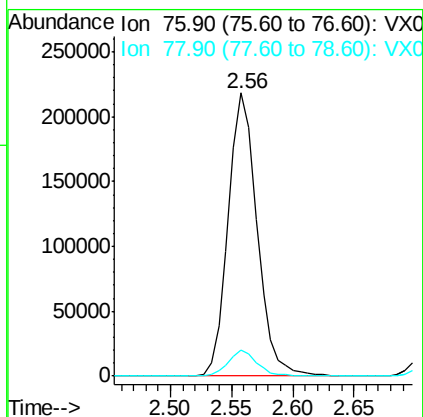
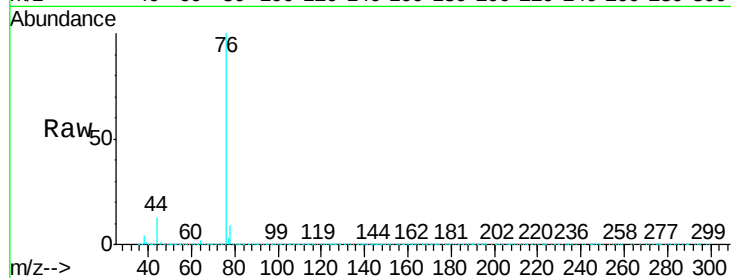
VX1104WBSD01

Tgt Ion: 76 Resp: 356265

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 20.401 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013322.D

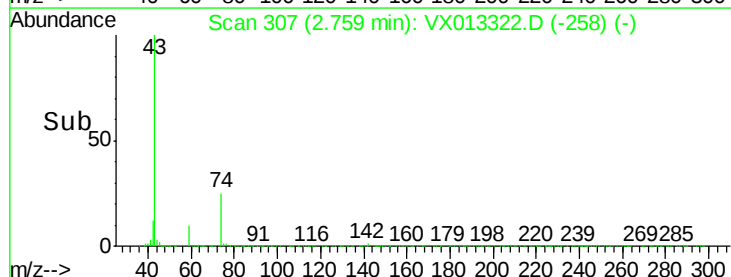
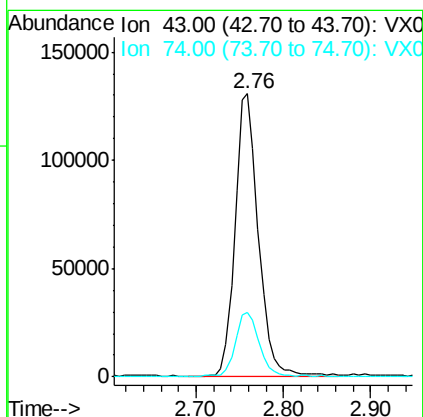
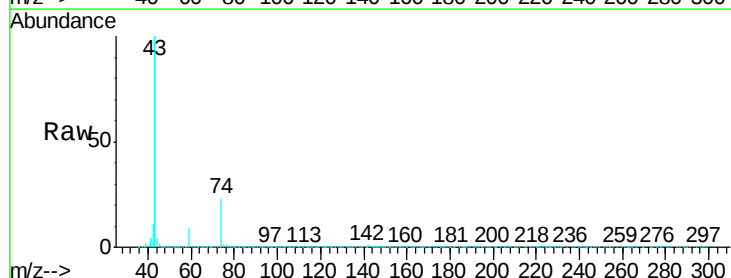
Acq: 04 Nov 2019 13:23

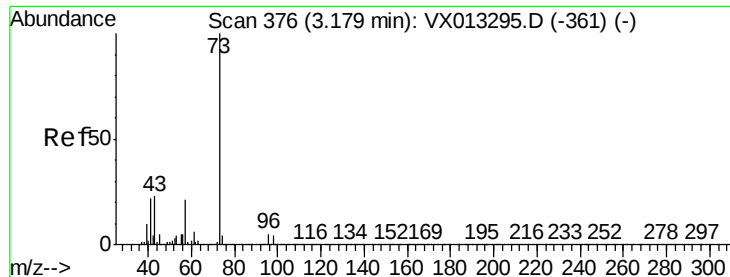
Tgt Ion: 43 Resp: 240828

Ion Ratio Lower Upper

43 100

74 23.0 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 20.765 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

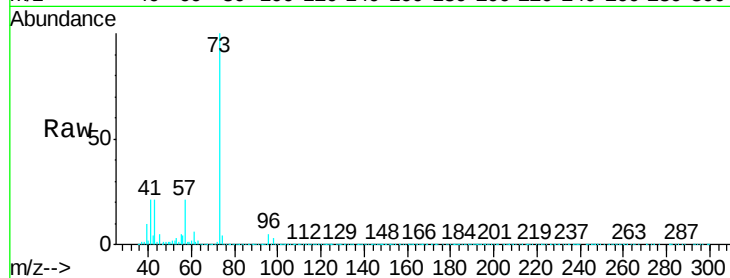
VX1104WBSD01

Tgt Ion: 73 Resp: 459692

Ion Ratio Lower Upper

73 100

57 20.4 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.18

200000

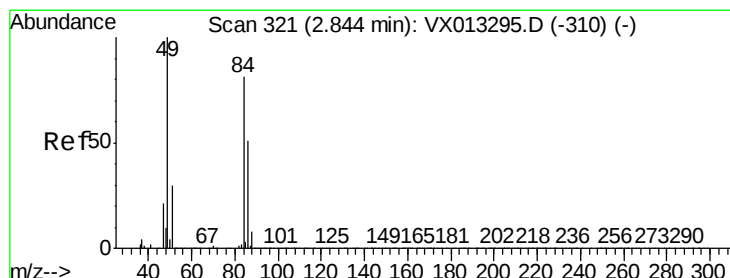
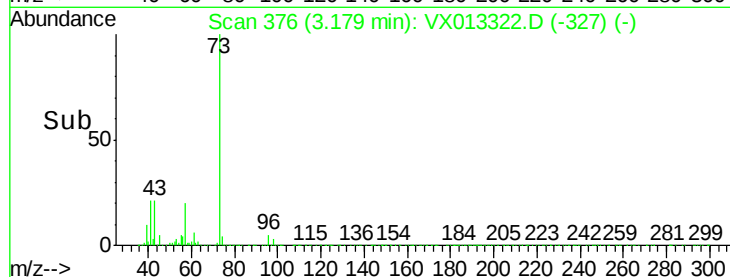
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 19.228 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Tgt Ion: 84 Resp: 151903

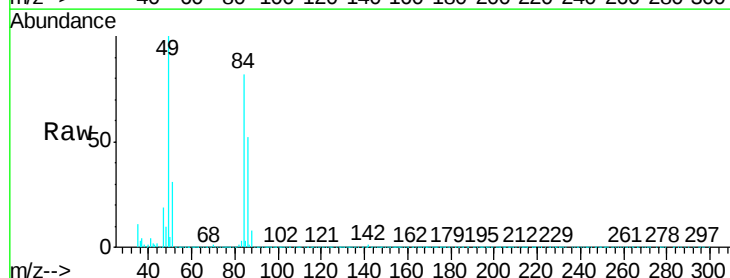
Ion Ratio Lower Upper

84 100

49 121.6 98.2 147.4

51 37.2 29.9 44.9

86 63.9 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

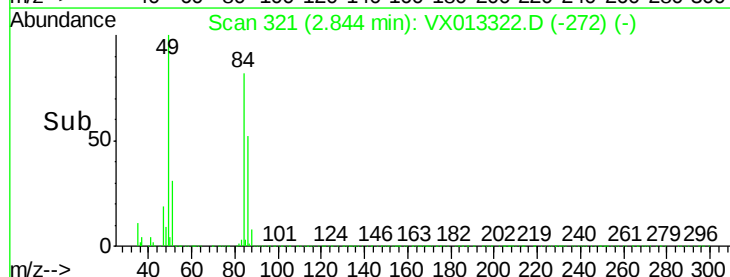
150000

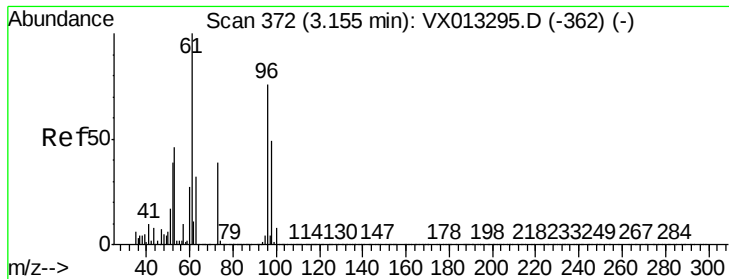
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.798 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

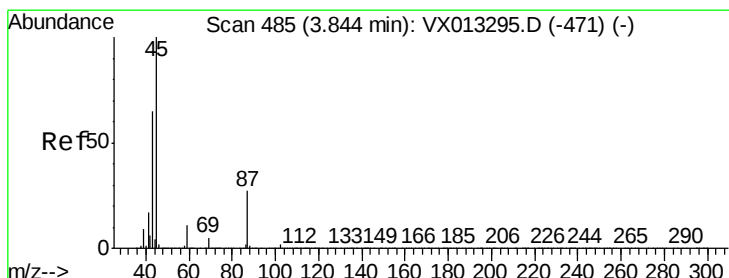
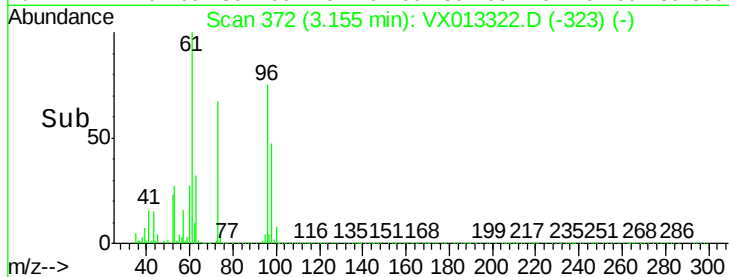
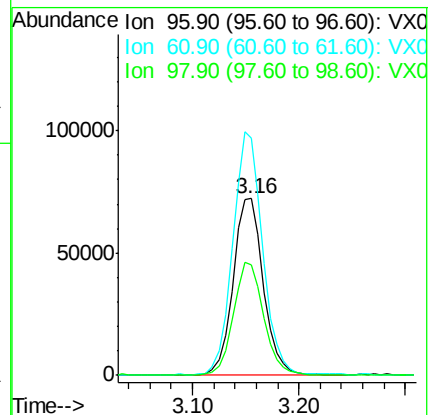
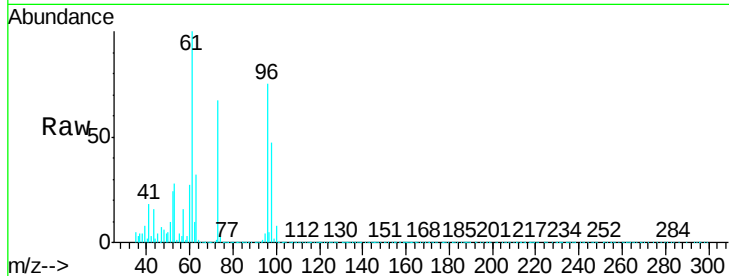
Tgt Ion: 96 Resp: 143082

Ion Ratio Lower Upper

96 100

61 134.1 105.8 158.6

98 62.8 51.8 77.6



#22

Diisopropyl ether

Concen: 20.792 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Tgt Ion: 45 Resp: 484113

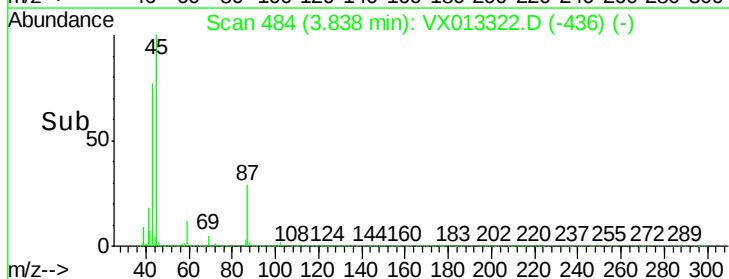
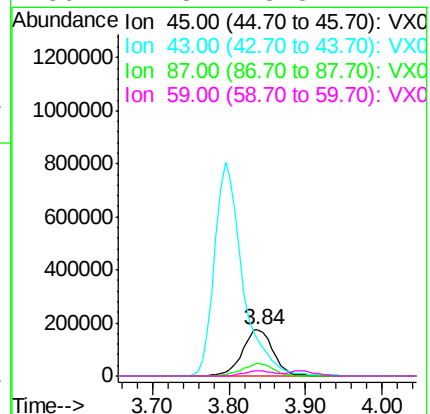
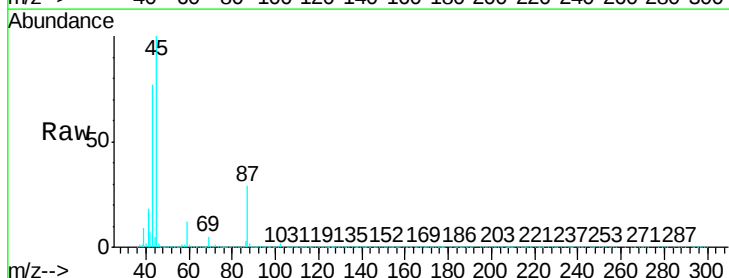
Ion Ratio Lower Upper

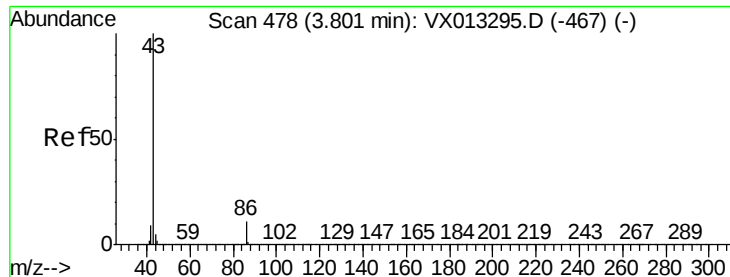
45 100

43 75.7 54.2 81.2

87 28.7 21.8 32.8

59 11.8 8.5 12.7





#23

Vinyl Acetate

Concen: 103.201 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

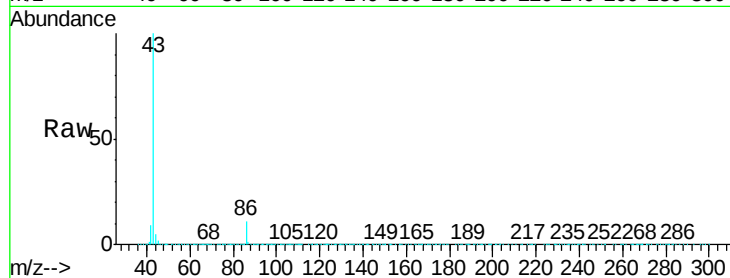
VX1104WBSD01

Tgt Ion: 43 Resp: 2056131

Ion Ratio Lower Upper

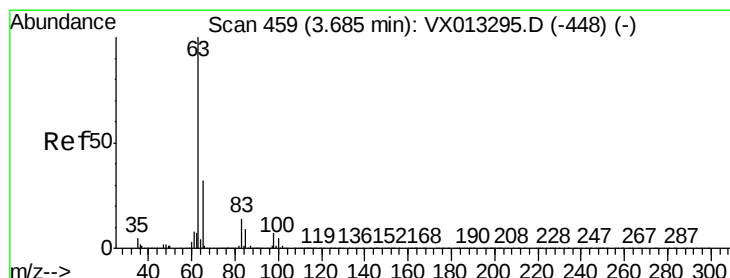
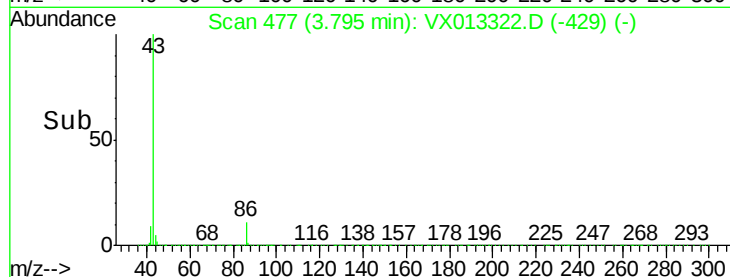
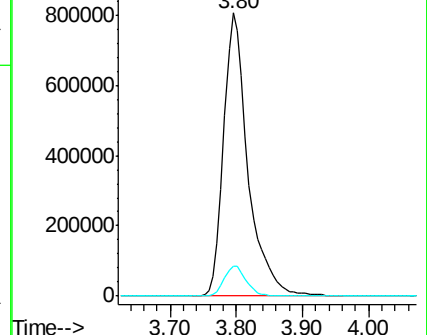
43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.168 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

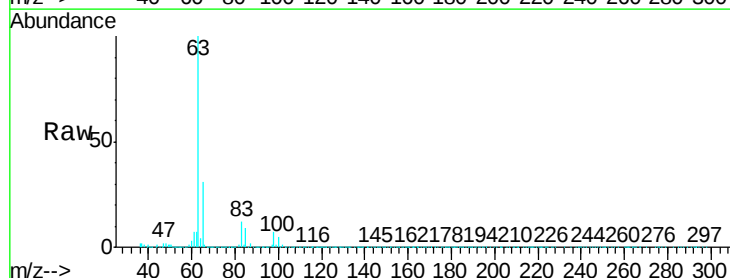
Tgt Ion: 63 Resp: 262682

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

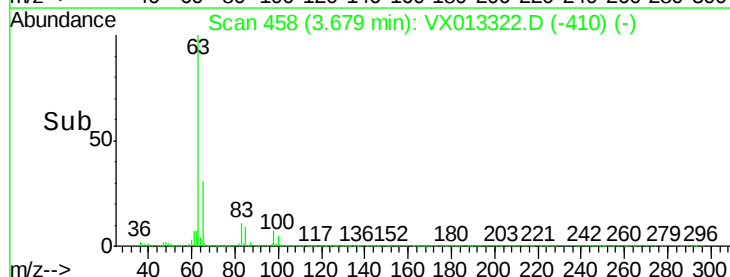
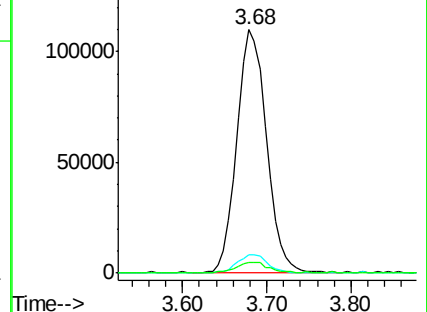
100 4.3 2.4 7.2

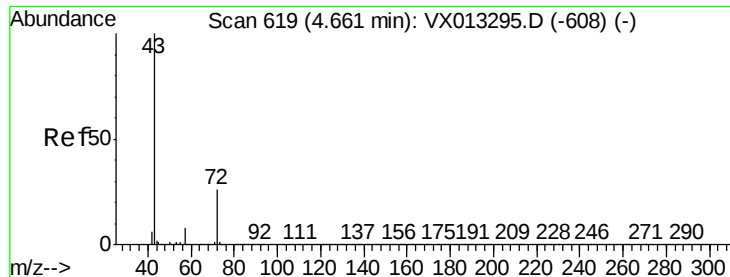


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.171 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

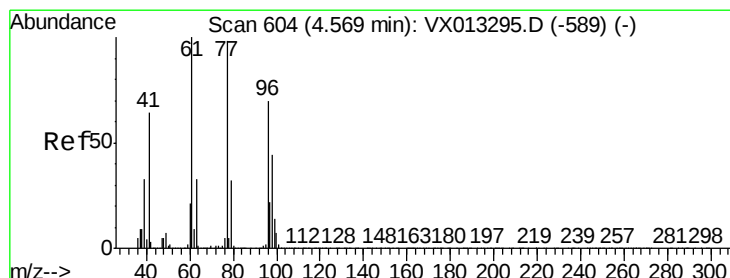
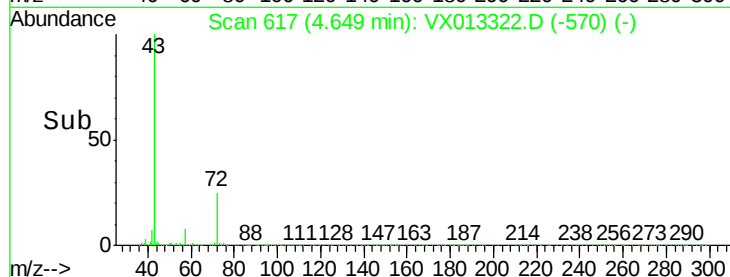
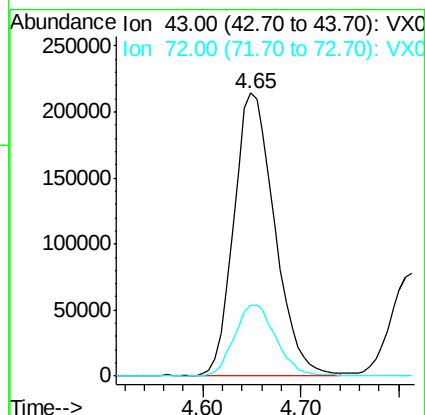
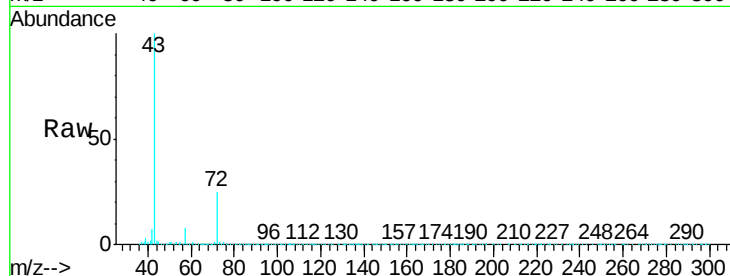
VX1104WBSD01

Tgt Ion: 43 Resp: 615806

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.228 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013322.D

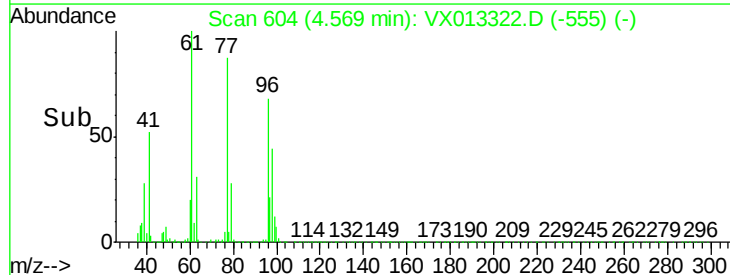
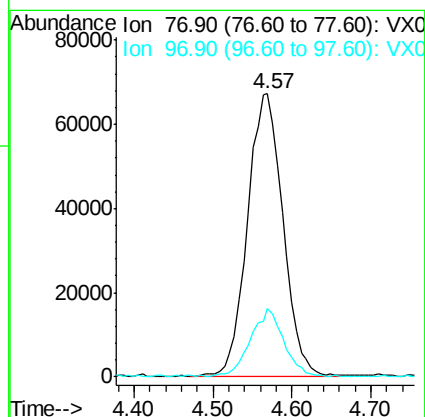
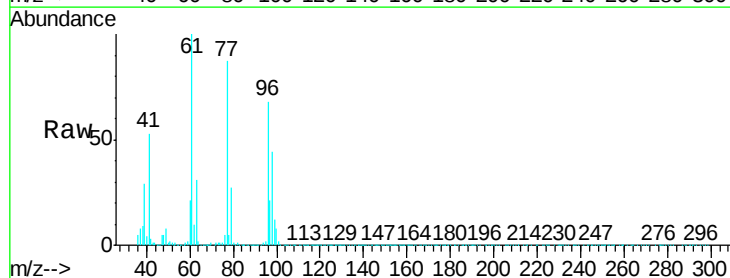
Acq: 04 Nov 2019 13:23

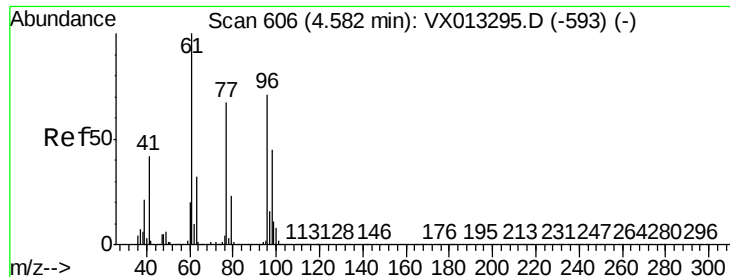
Tgt Ion: 77 Resp: 209590

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



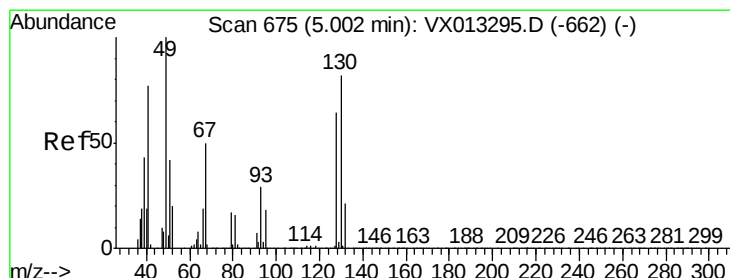
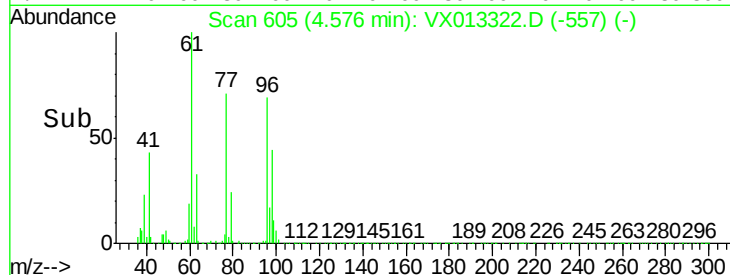
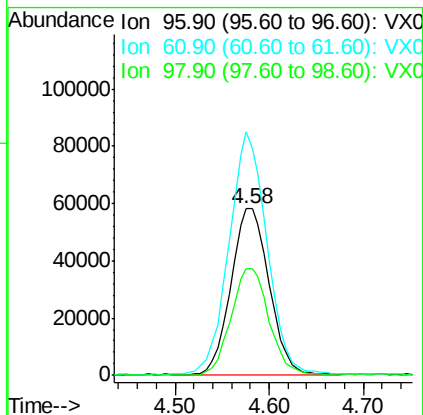
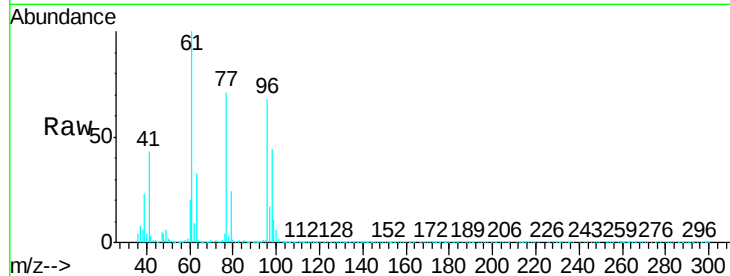


#27

cis-1,2-Dichloroethene
Concen: 20.439 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

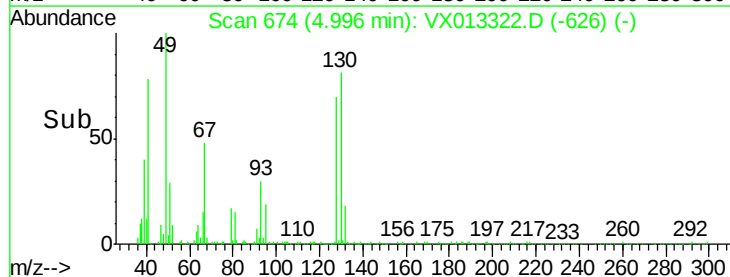
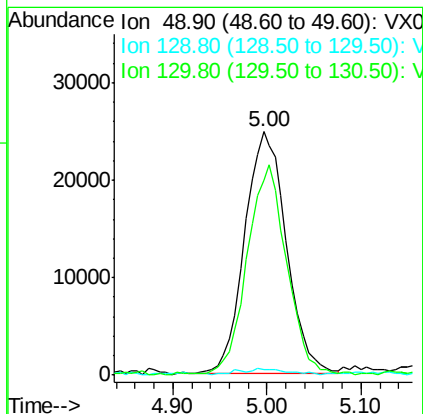
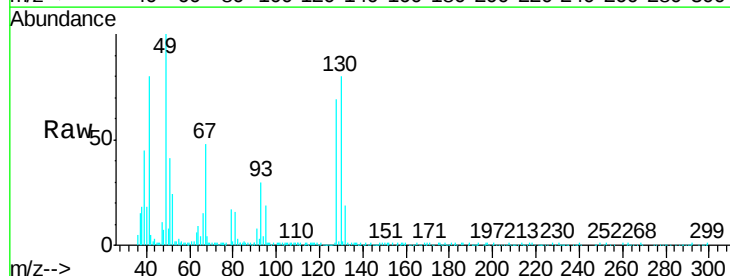
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	288.0
98	62.4	0.0	129.6

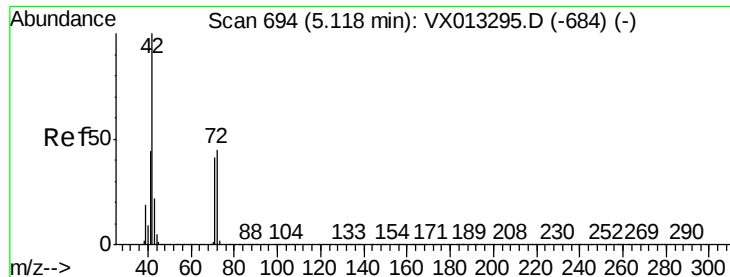


#28

Bromochloromethane
Concen: 20.574 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.2
130	83.6	63.8	95.6





#29

Tetrahydrofuran

Concen: 99.446 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

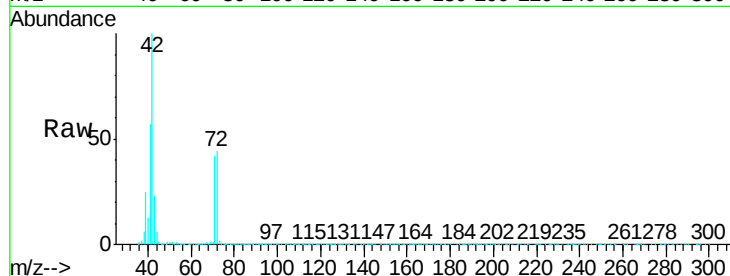
Tgt Ion: 42 Resp: 384411

Ion Ratio Lower Upper

42 100

72 45.0 35.8 53.8

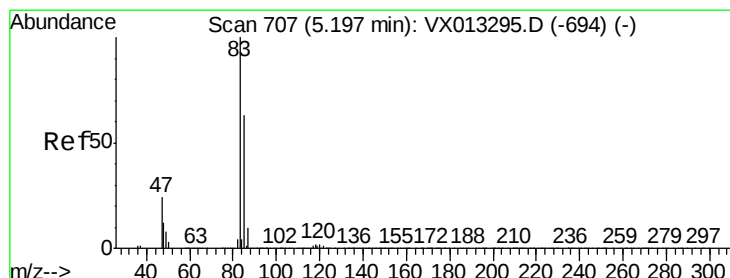
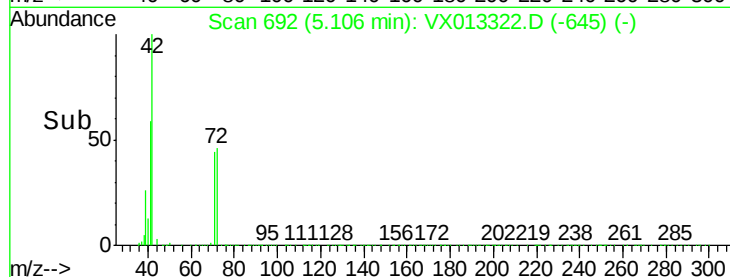
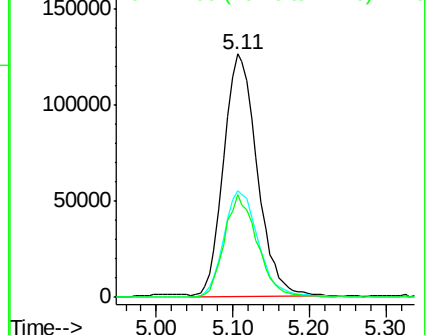
71 40.8 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.063 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013322.D

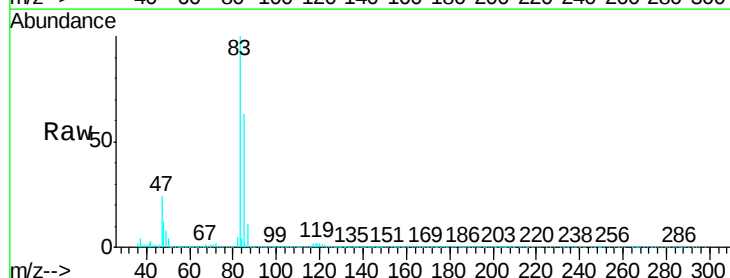
Acq: 04 Nov 2019 13:23

Tgt Ion: 83 Resp: 258034

Ion Ratio Lower Upper

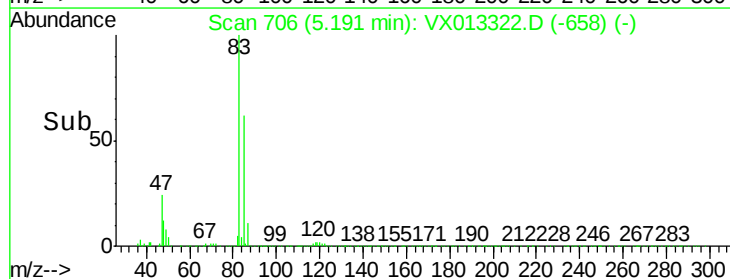
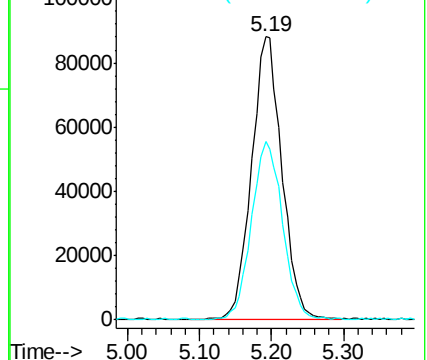
83 100

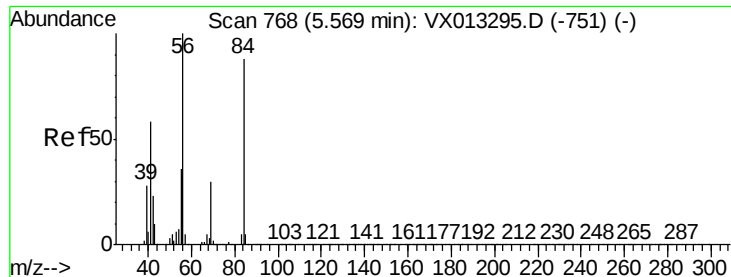
85 62.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

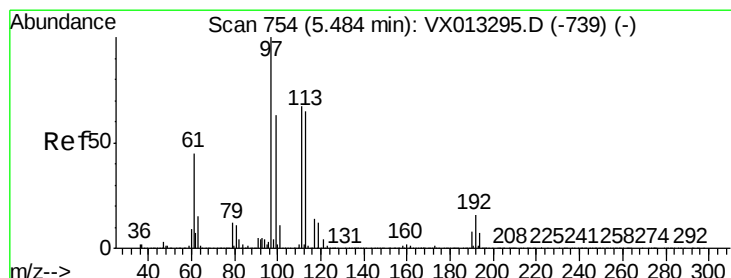
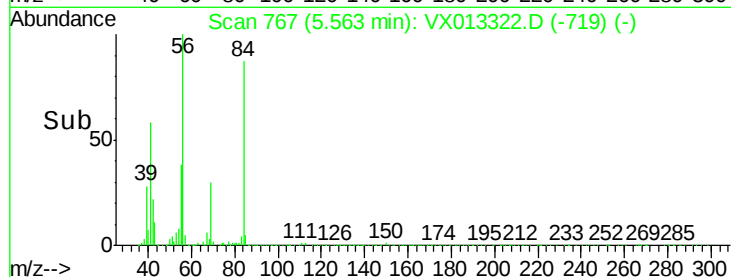
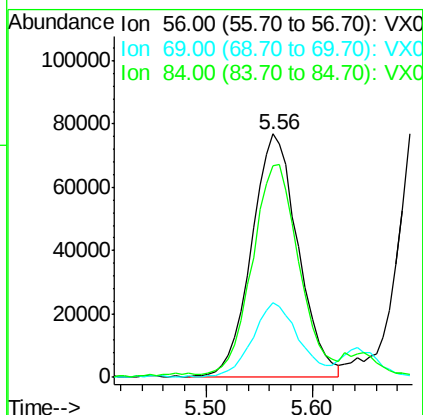
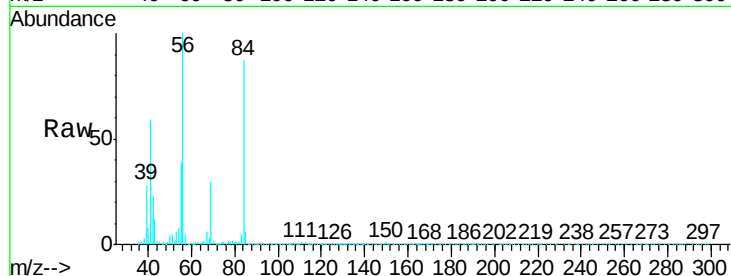




#31
Cyclohexane
Concen: 19.863 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

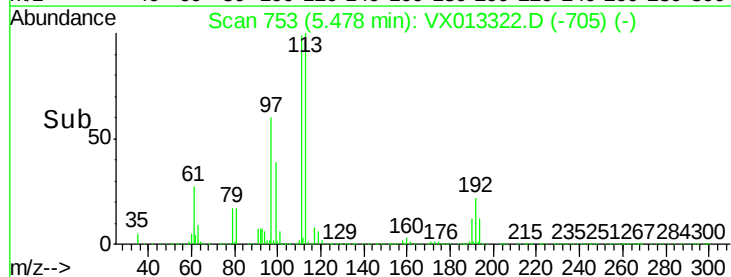
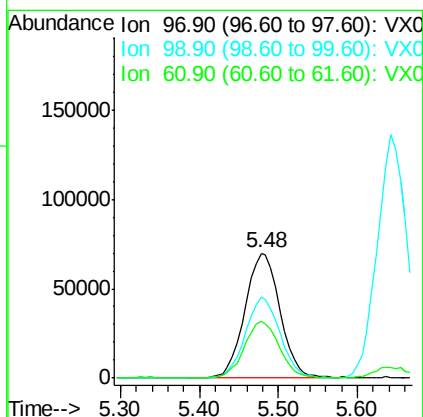
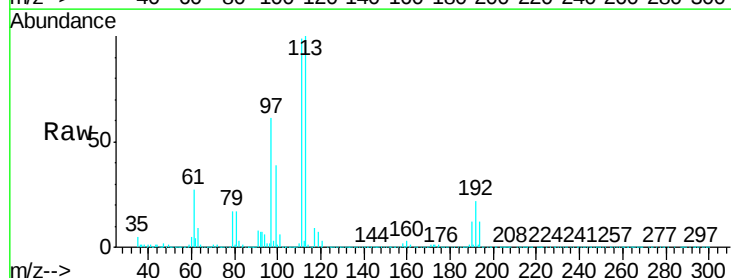
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tgt Ion: 56 Resp: 232799
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 85.3 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.369 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 97 Resp: 214378
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 44.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.808 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

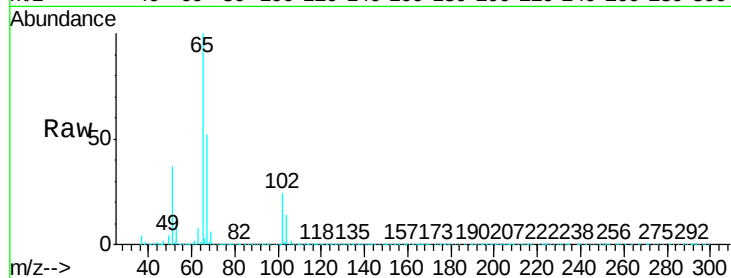
VX1104WBSD01

Tgt Ion: 65 Resp: 409837

Ion Ratio Lower Upper

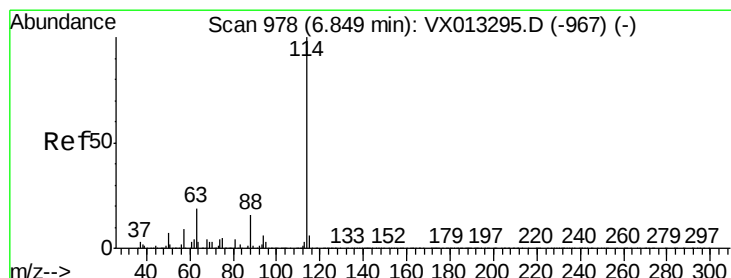
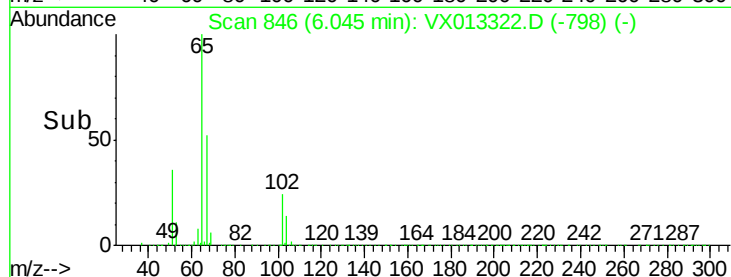
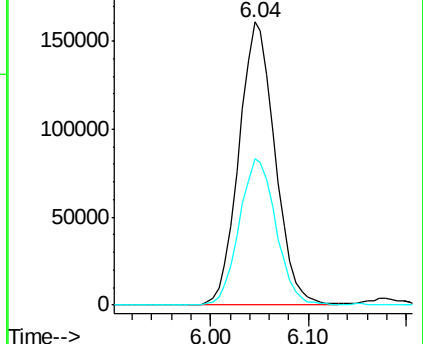
65 100

67 52.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

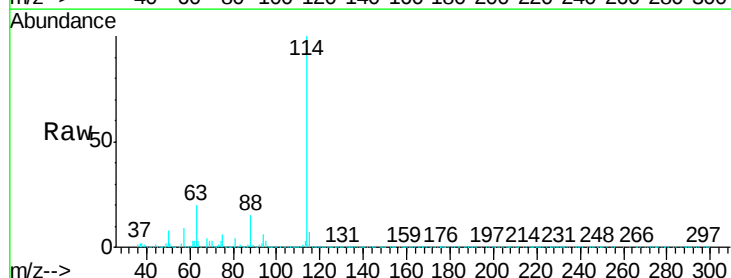
Tgt Ion: 114 Resp: 1075852

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

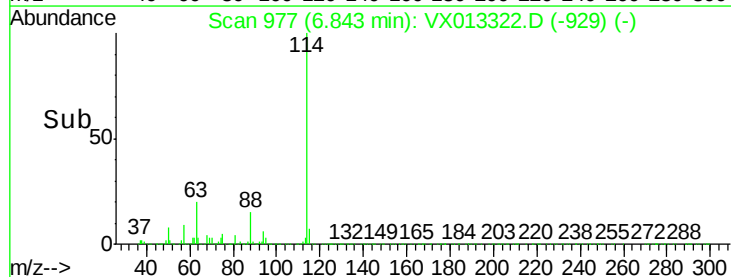
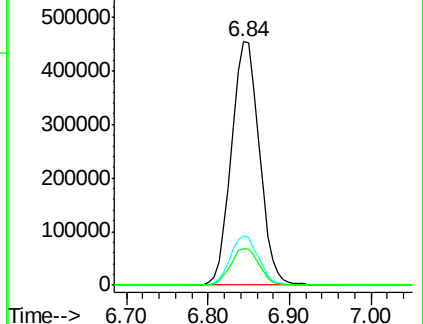
88 15.0 0.0 32.2

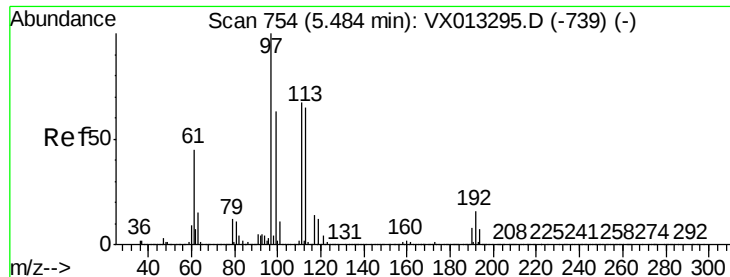


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

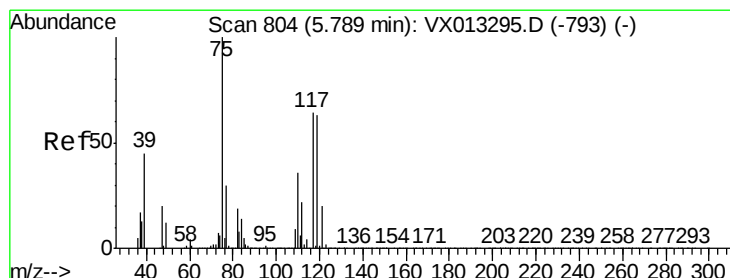
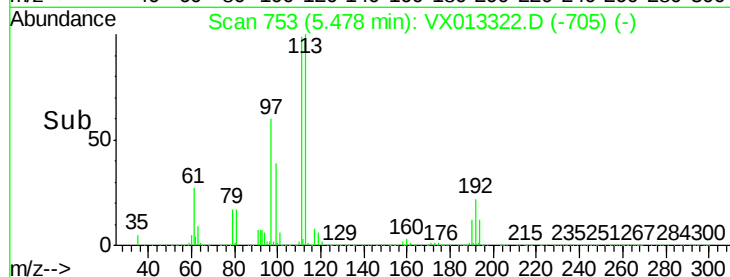
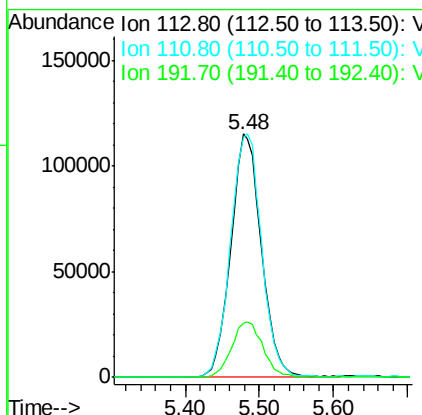
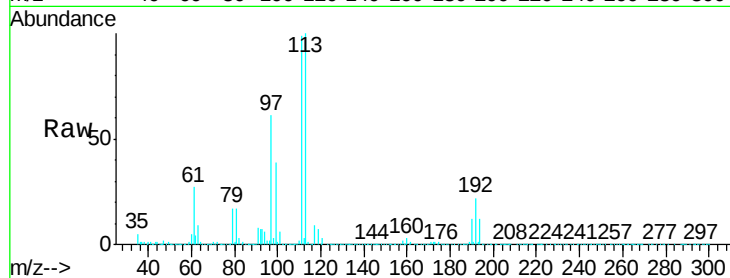




#35
Dibromofluoromethane
Concen: 48.621 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

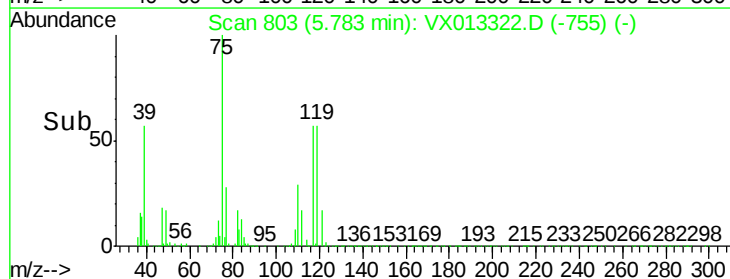
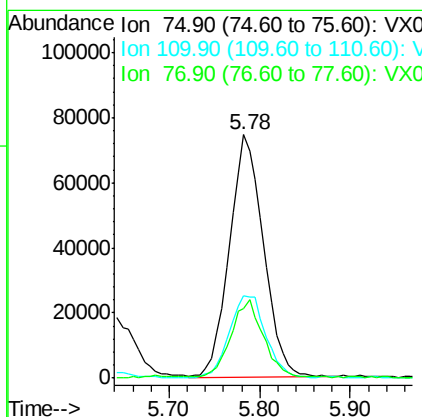
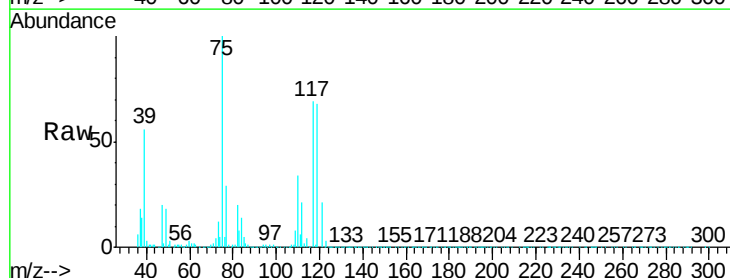
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

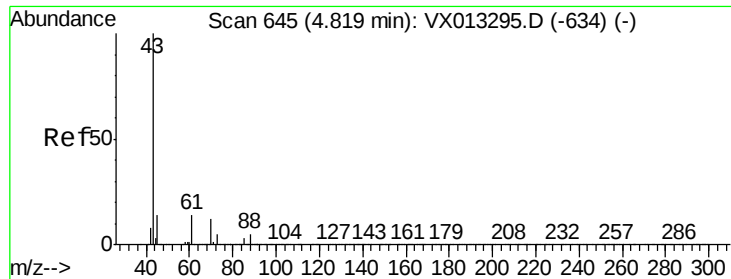
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	23.4	19.1	28.7



#36
1,1-Dichloropropene
Concen: 21.115 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	30.2	25.0	37.4

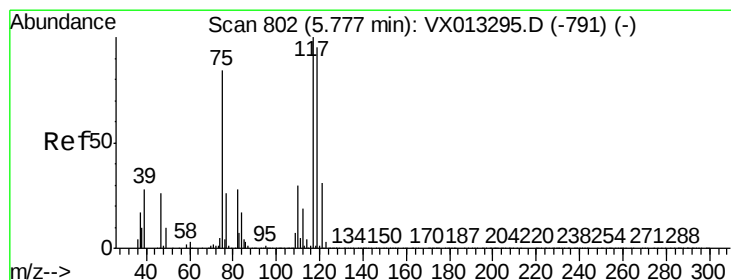
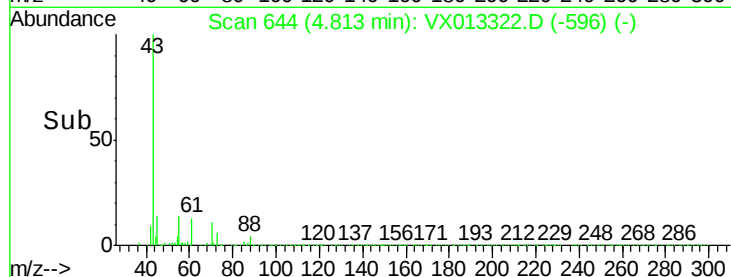
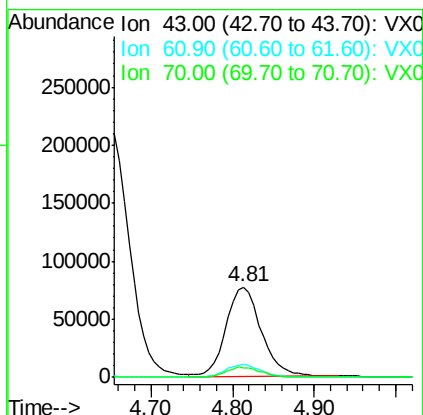
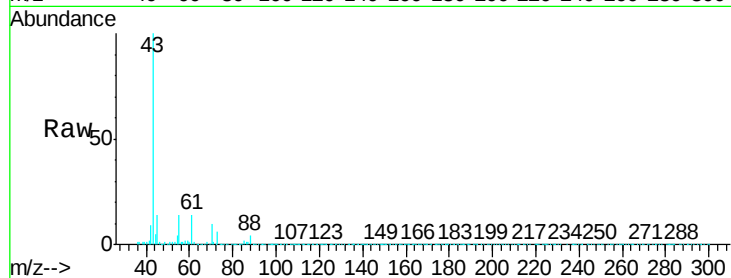




#37
Ethyl Acetate
Concen: 20.159 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

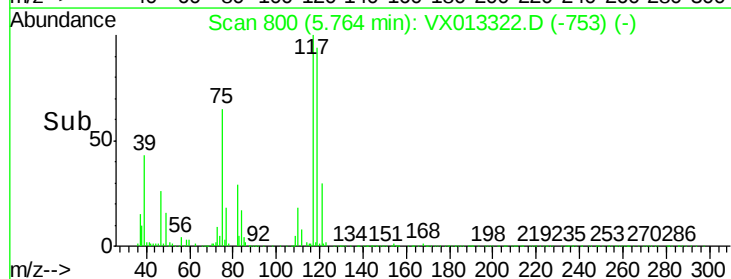
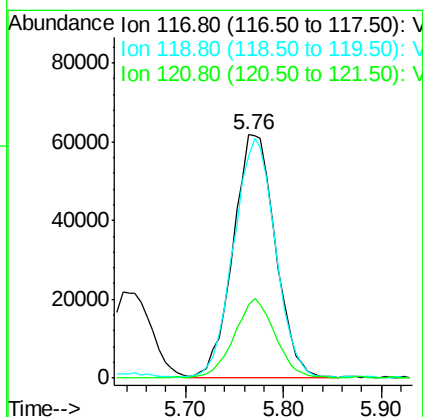
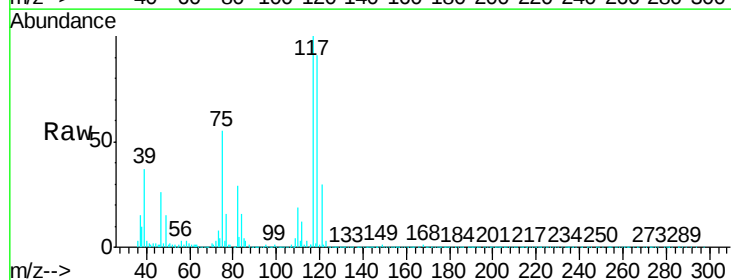
Instrument :
MSVOA_X
ClientSampled :
VX1104WBSD01

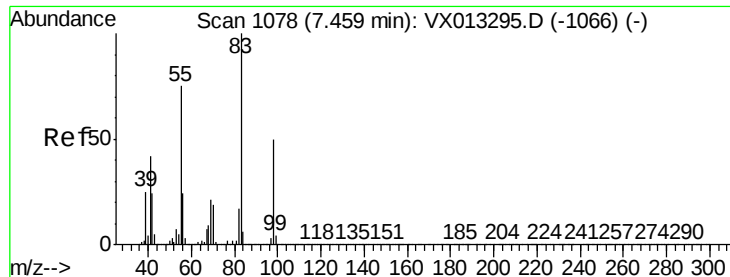
Tgt Ion: 43 Resp: 229902
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.349 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 117 Resp: 183658
Ion Ratio Lower Upper
117 100
119 91.3 76.1 114.1
121 30.1 24.6 37.0

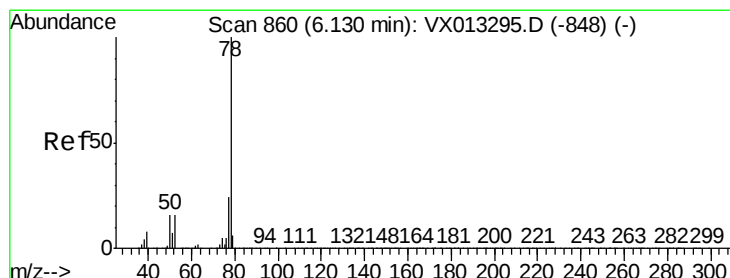
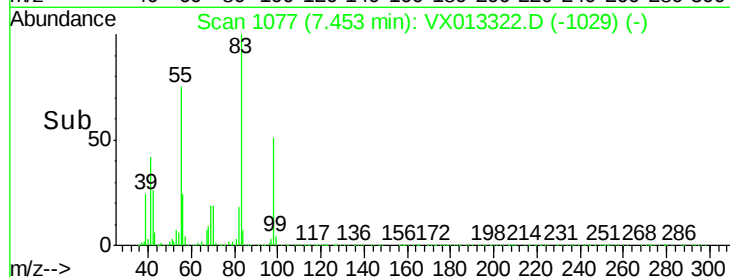
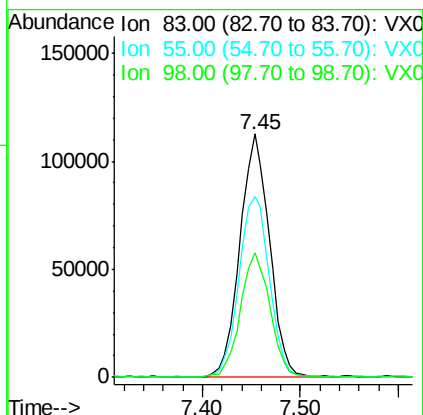
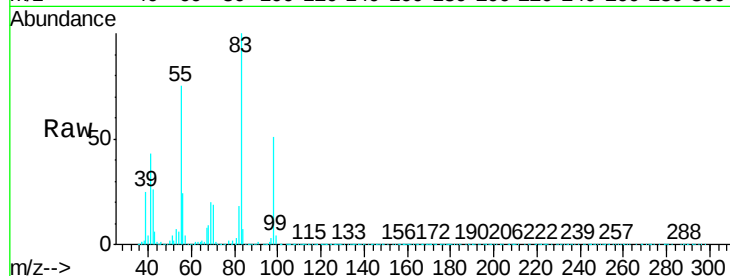




#39
Methylcyclohexane
Concen: 20.548 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

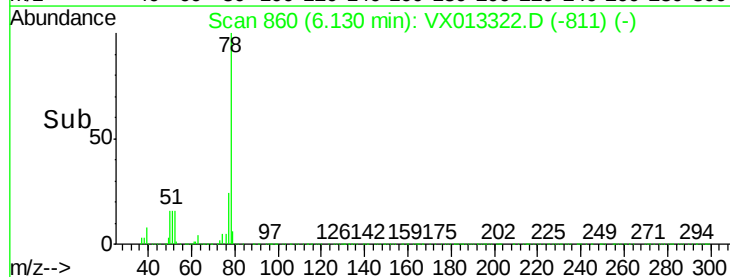
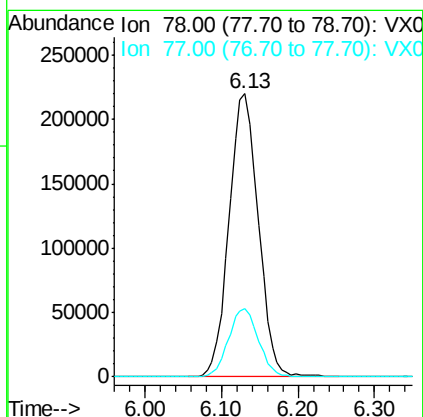
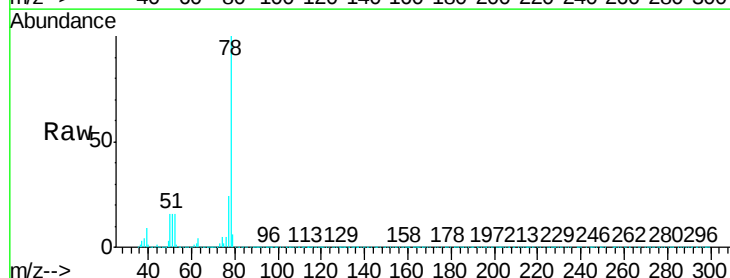
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

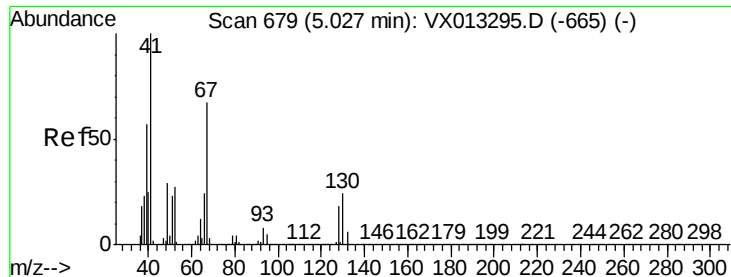
Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.3	90.5
98	51.1	40.3	60.5



#40
Benzene
Concen: 20.271 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3

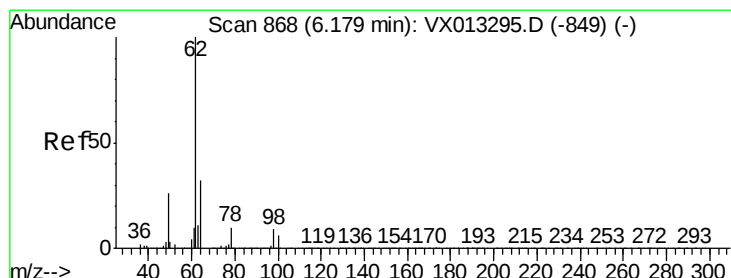
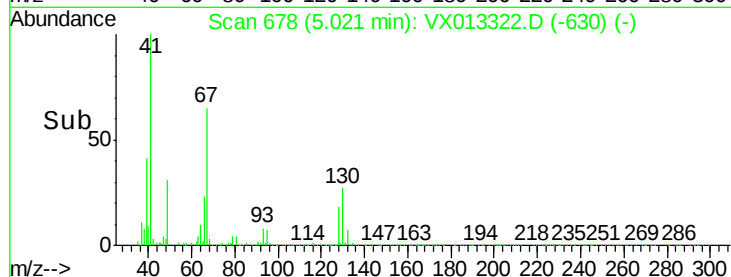
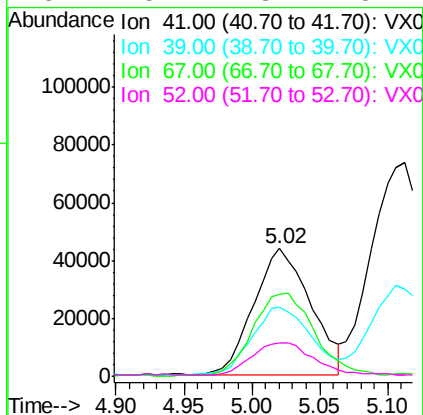
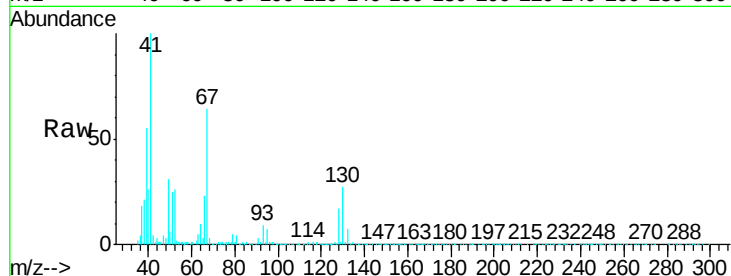




#41
Methacrylonitrile
Concen: 20.084 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

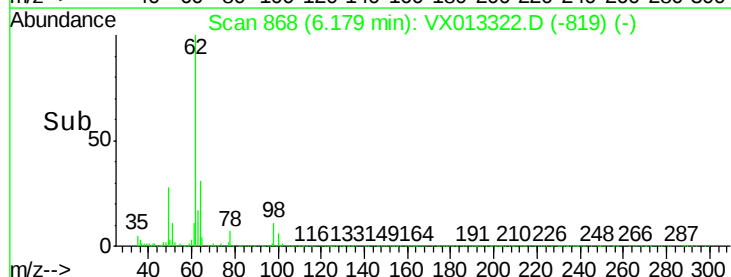
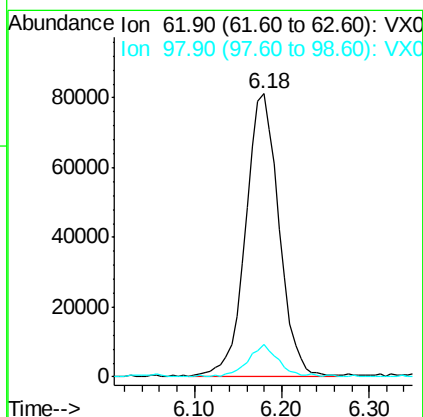
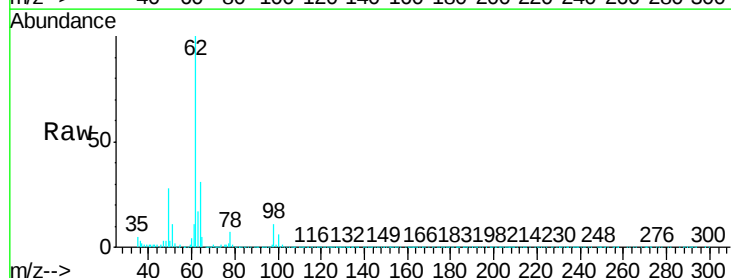
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

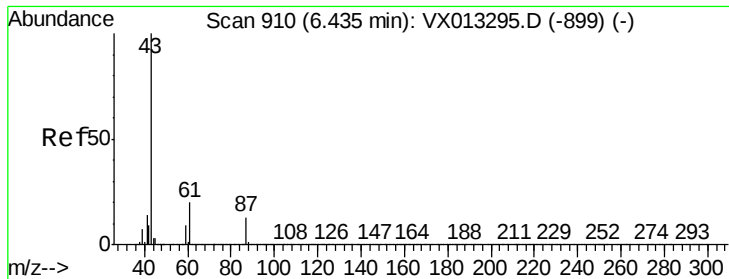
Tgt Ion:	41	Resp:	128381
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.0	67.6
67	70.3	55.4	83.2
52	28.2	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.533 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion:	62	Resp:	212933
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4



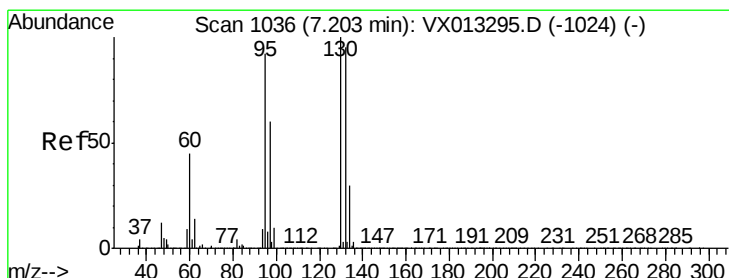
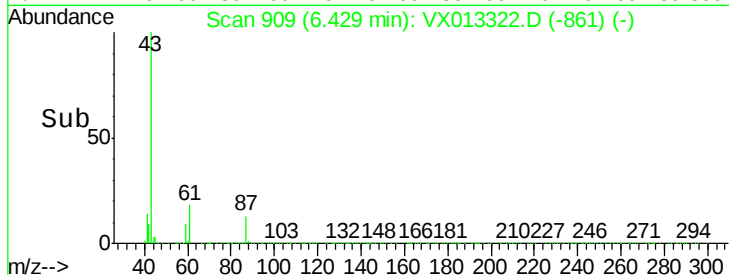
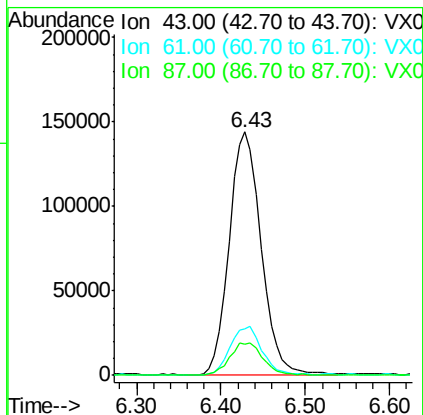
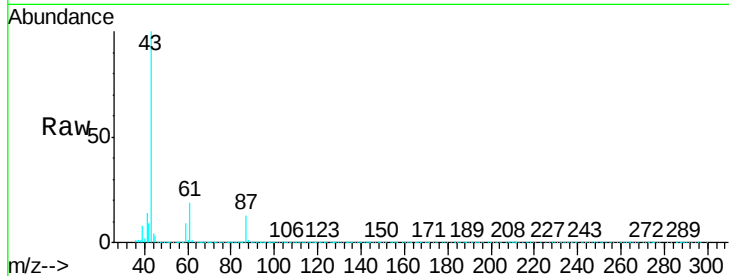


#43

Isopropyl Acetate
 Concen: 20.689 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

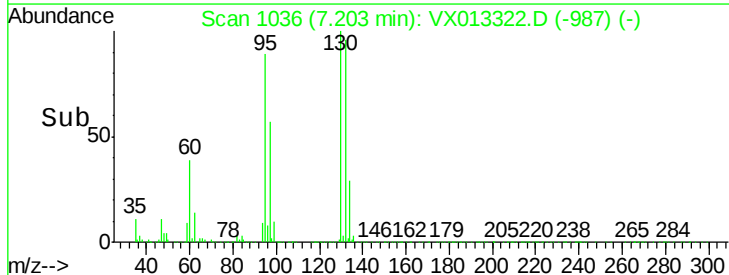
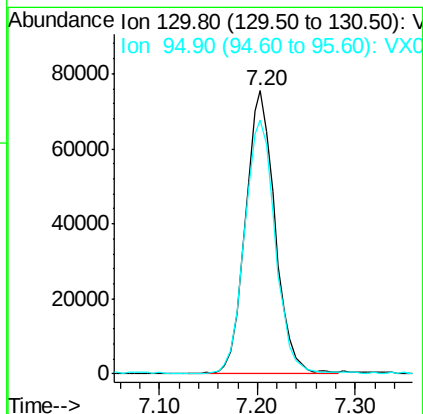
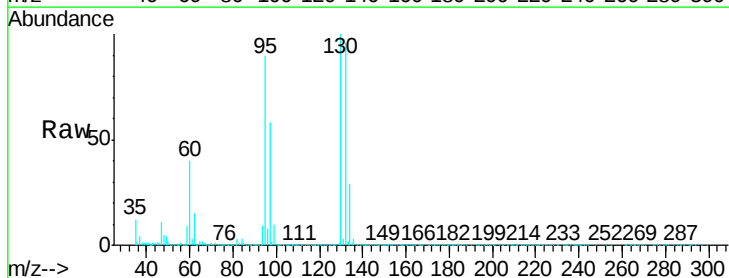
Tgt Ion:	43	Resp:	367409
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.6	10.4	15.6

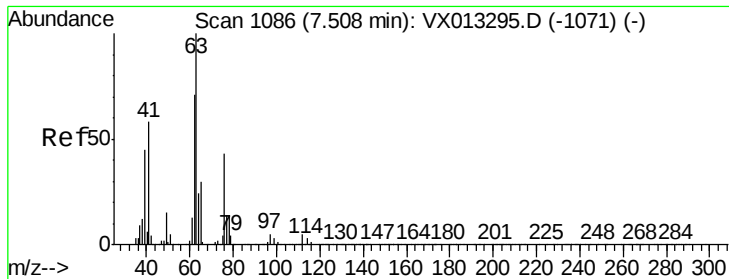


#44

Trichloroethene
 Concen: 19.888 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion:	130	Resp:	157388
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	184.8

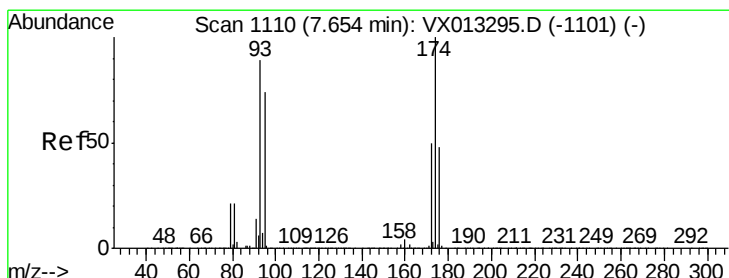
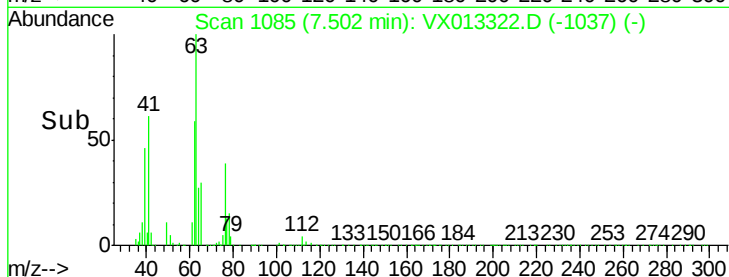
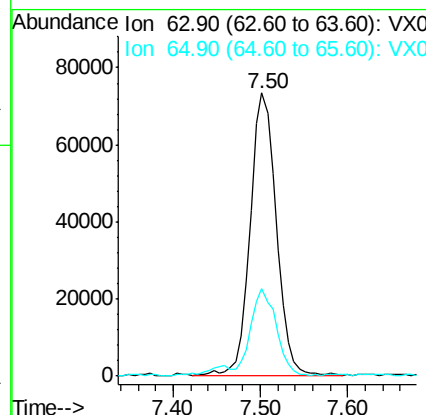
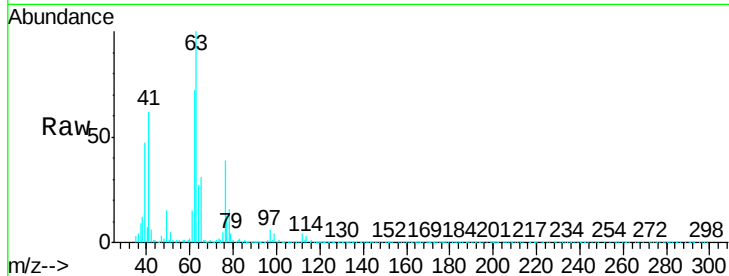




#45
 1,2-Dichloropropane
 Concen: 20.927 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

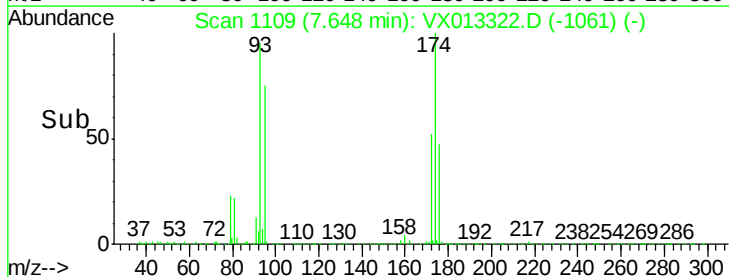
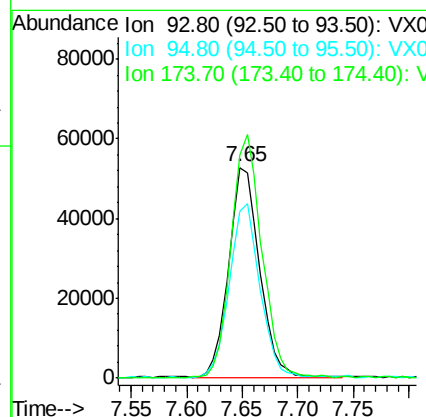
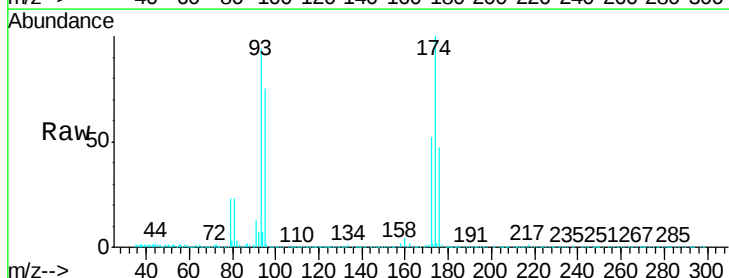
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

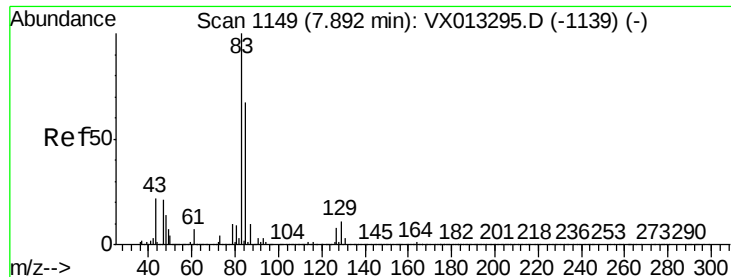
Tgt Ion: 63 Resp: 153292
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 20.141 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion: 93 Resp: 100735
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.6
 174 116.5 90.4 135.6





#47

Bromodichloromethane

Concen: 21.015 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

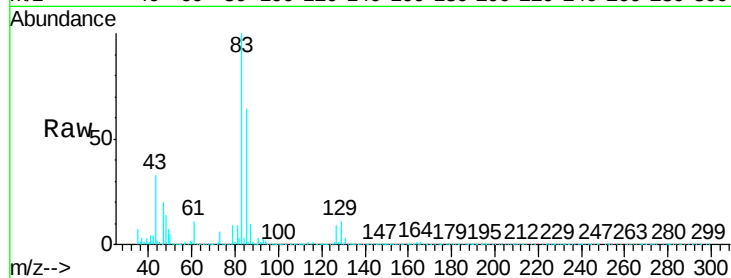
Tgt Ion: 83 Resp: 198195

Ion Ratio Lower Upper

83 100

85 63.5 53.7 80.5

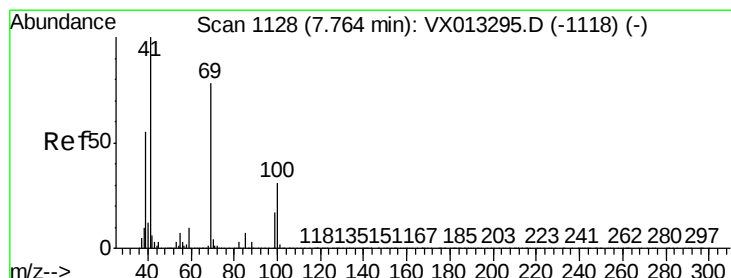
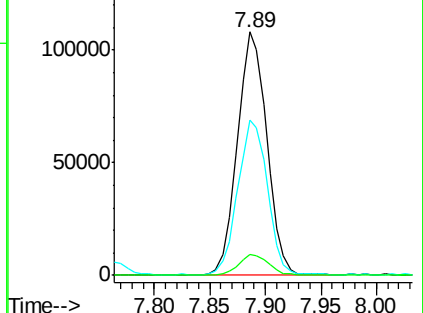
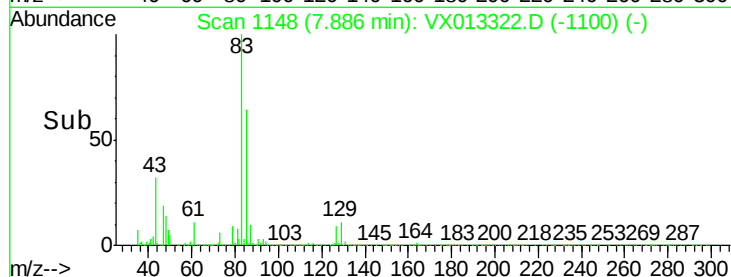
127 8.7 6.4 9.6



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: 20.910 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

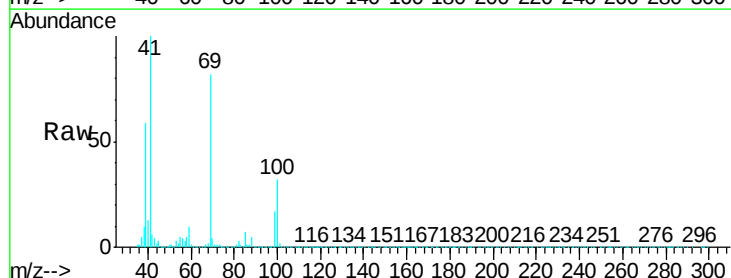
Tgt Ion: 41 Resp: 185364

Ion Ratio Lower Upper

41 100

69 79.2 63.0 94.6

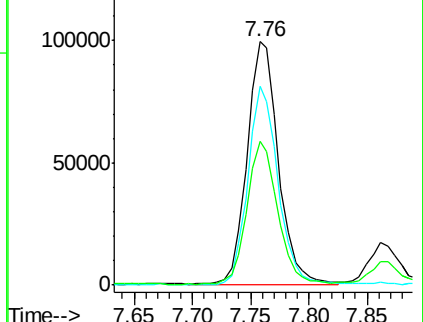
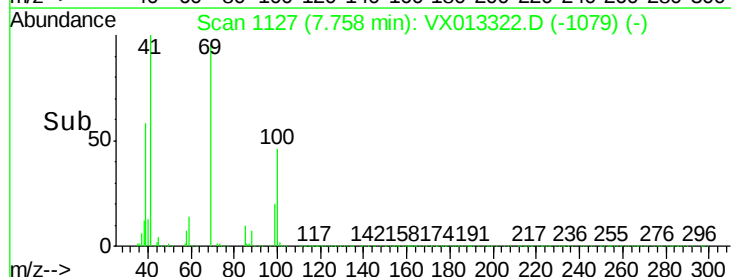
39 58.5 45.9 68.9

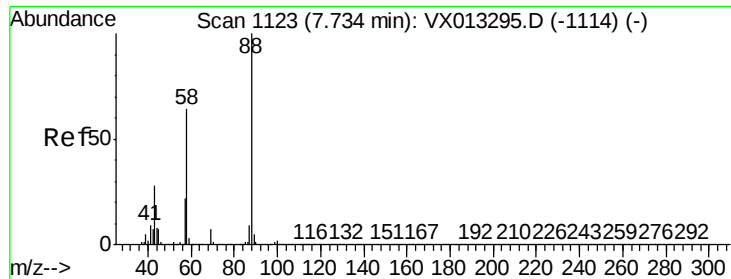


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

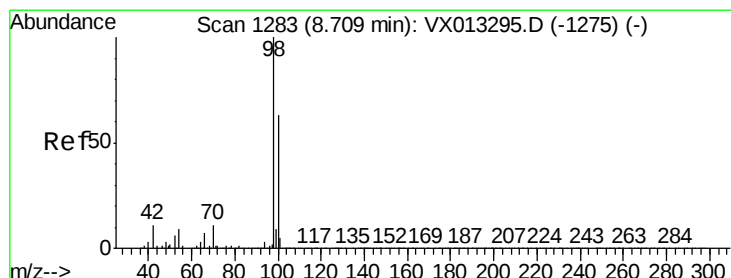
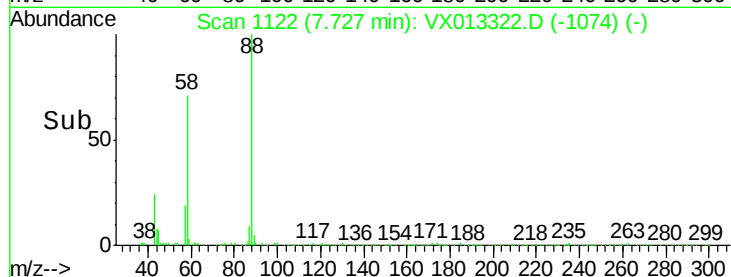
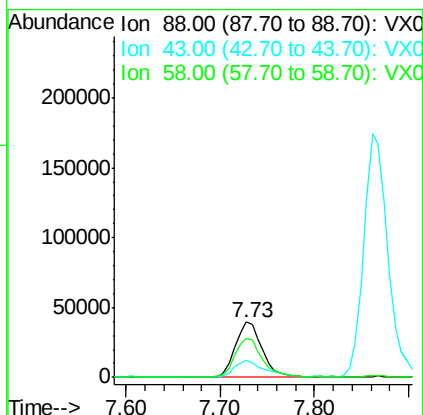
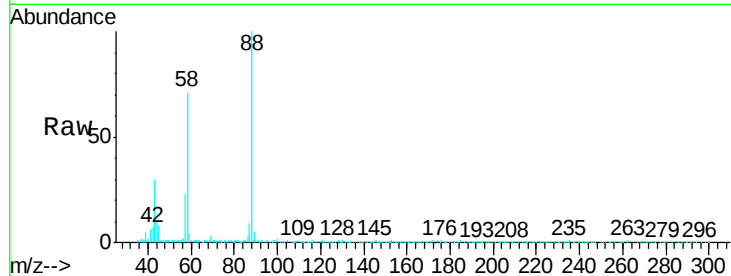




#49
1,4-Dioxane
Concen: 392.647 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

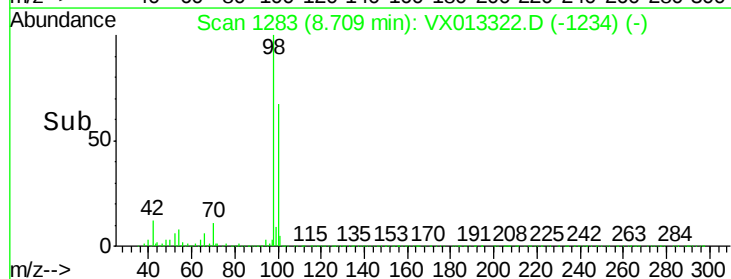
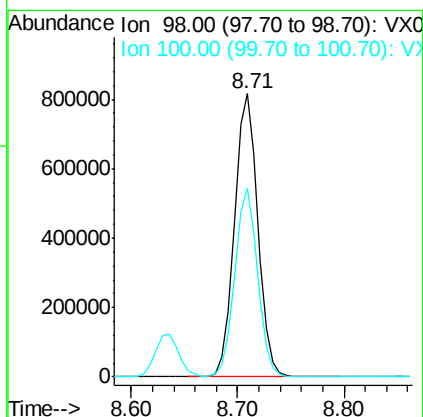
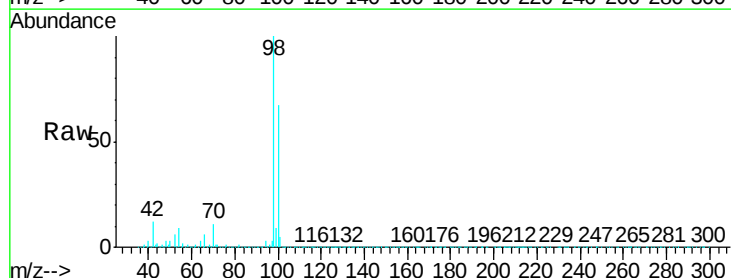
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

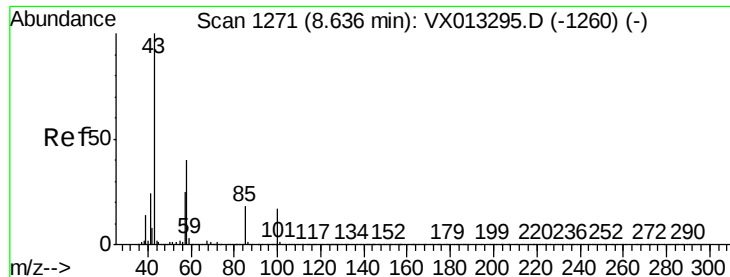
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.6	39.8
58	68.8	55.0	82.6



#50
Toluene-d8
Concen: 49.251 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

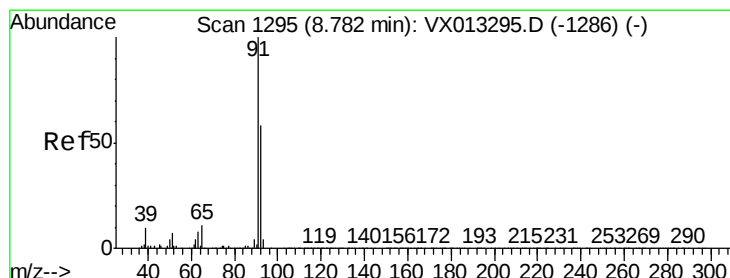
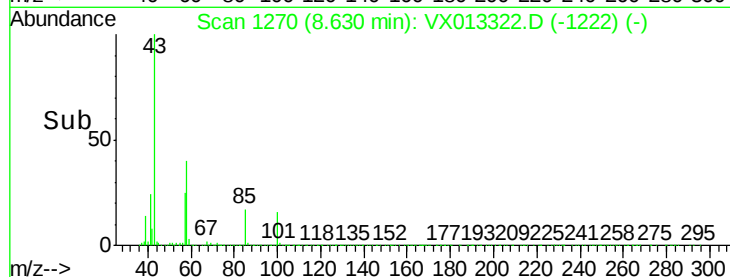
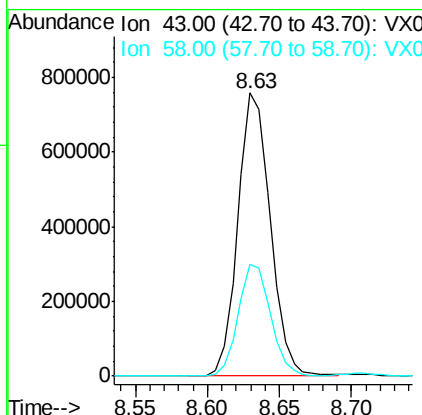
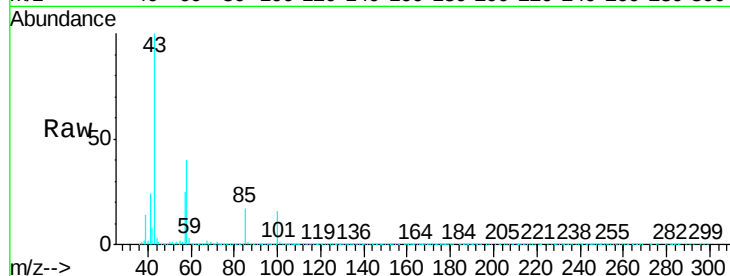




#51
4-Methyl-2-Pentanone
Concen: 101.659 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

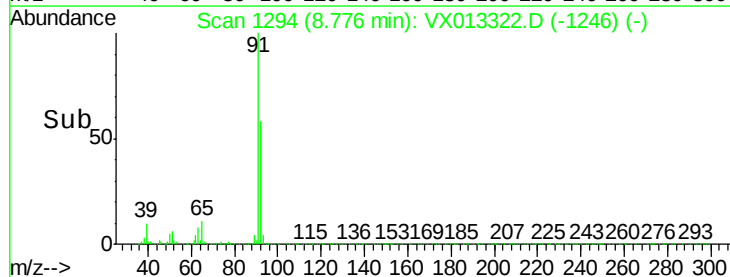
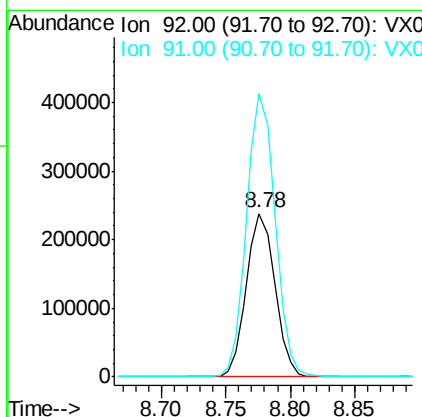
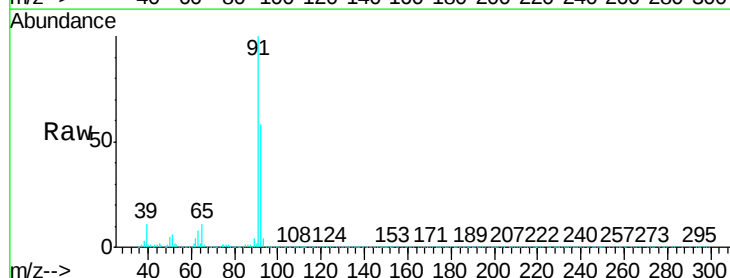
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

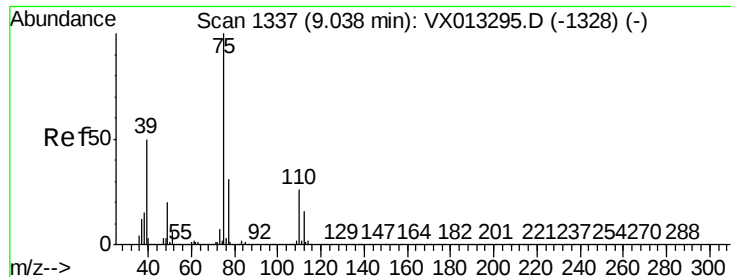
Tgt Ion: 43 Resp: 1184467
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.0



#52
Toluene
Concen: 20.422 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 92 Resp: 363898
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 20.988 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

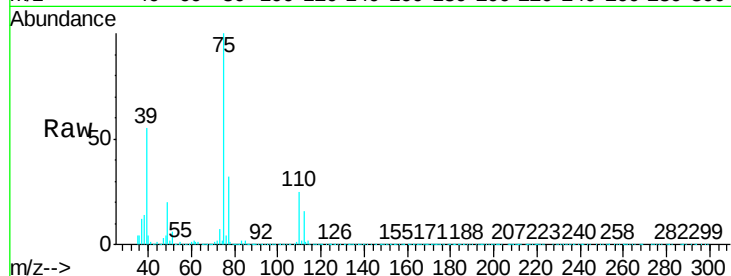
VX1104WBSD01

Tgt Ion: 75 Resp: 216454

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

150000

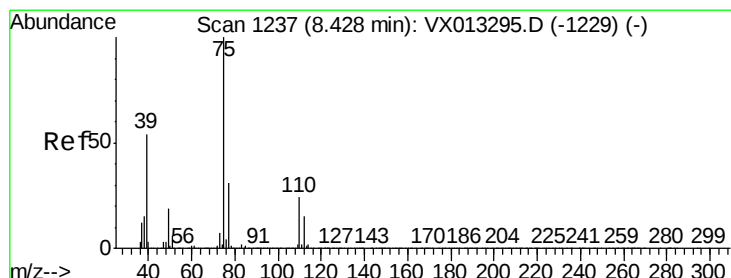
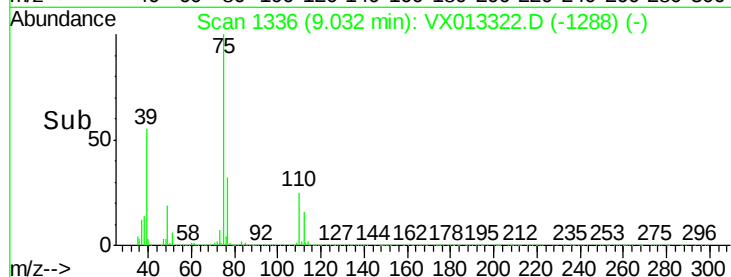
100000

50000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.747 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

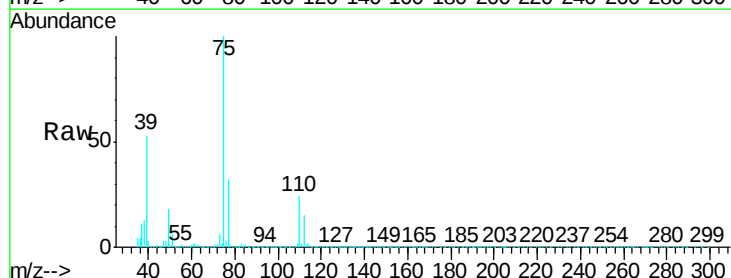
Tgt Ion: 75 Resp: 239343

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 52.2 43.0 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

150000

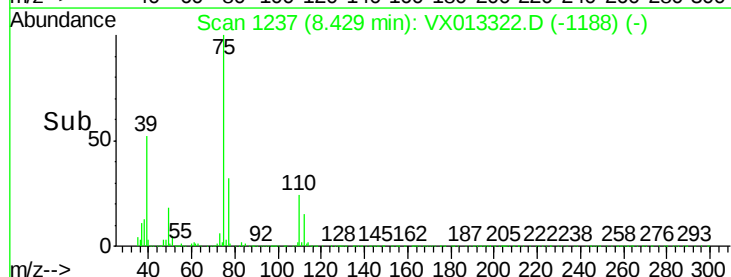
100000

50000

0

8.35 8.40 8.45 8.50

Time-->

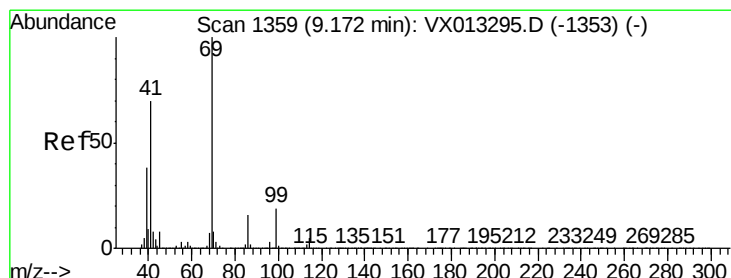
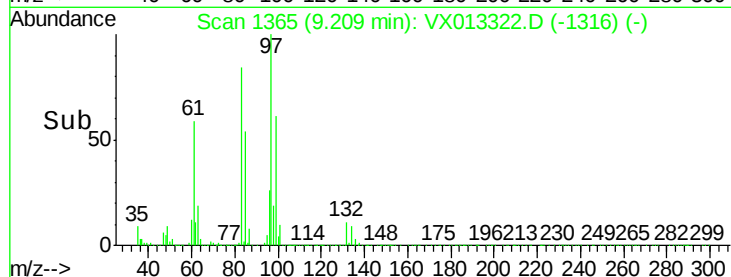
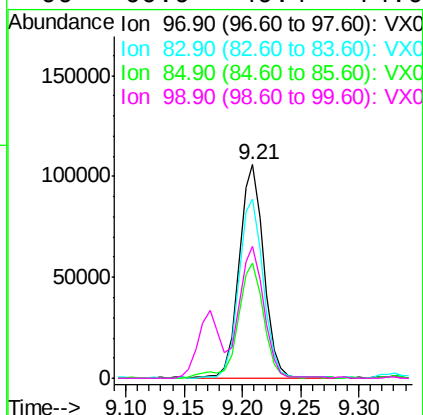
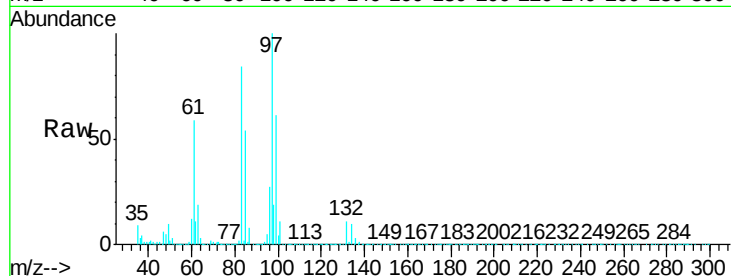




#55
 1,1,2-Trichloroethane
 Concen: 21.028 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

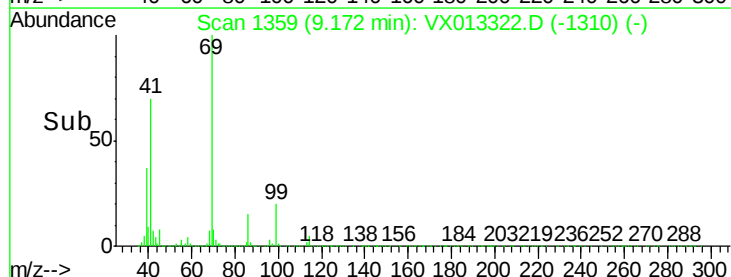
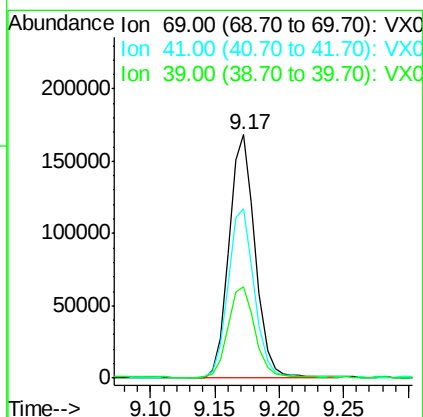
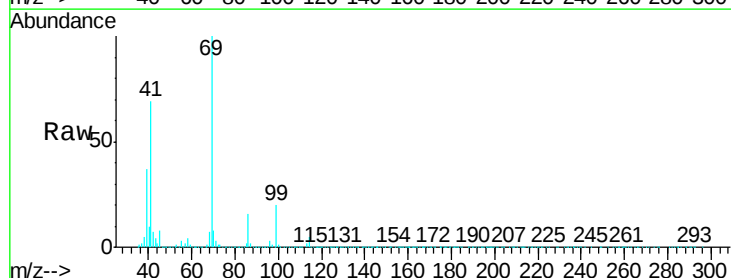
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

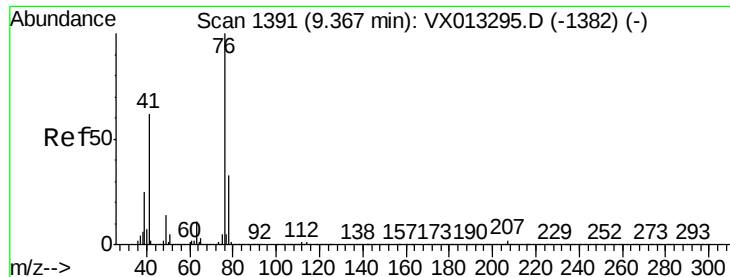
Tgt Ion:	97	Resp:	155305
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.6	103.0
85	53.9	43.1	64.7
99	60.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.021 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion:	69	Resp:	240241
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.2
39	38.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.789 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

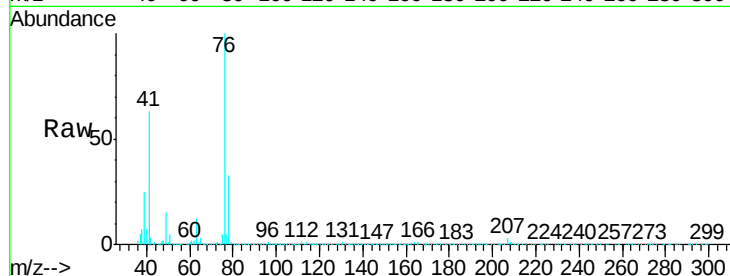
VX1104WBSD01

Tgt Ion: 76 Resp: 260644

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

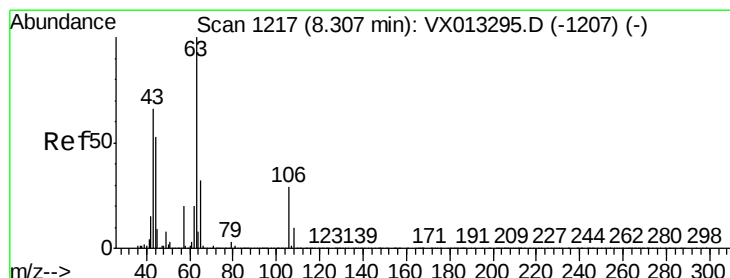
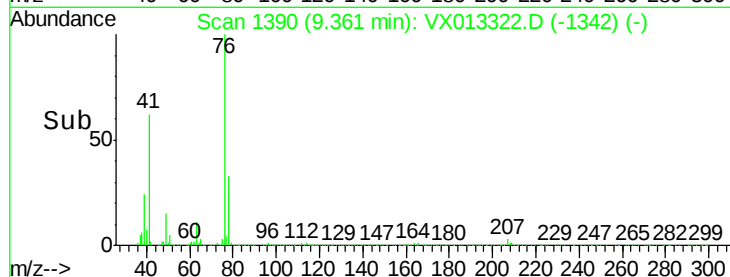
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 100.138 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013322.D

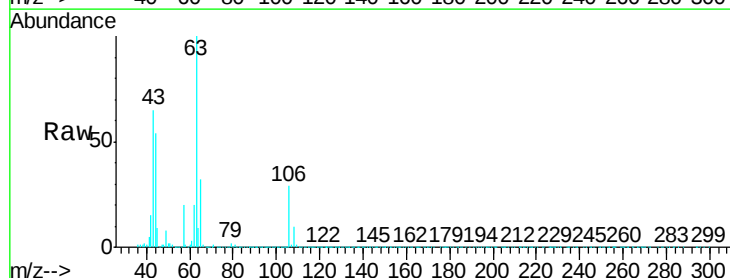
Acq: 04 Nov 2019 13:23

Tgt Ion: 63 Resp: 505696

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

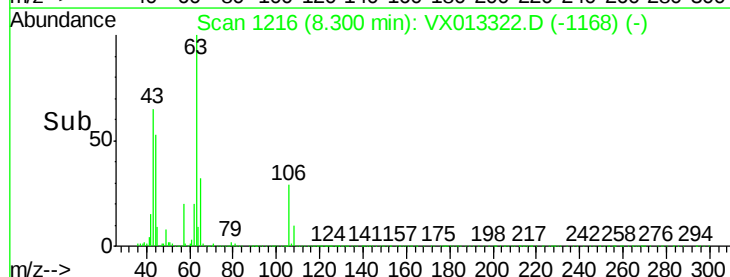
300000

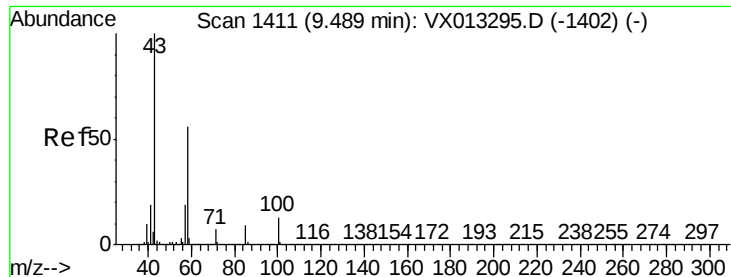
200000

100000

0

Time-->

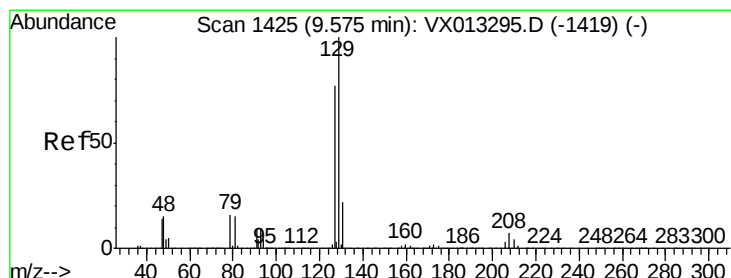
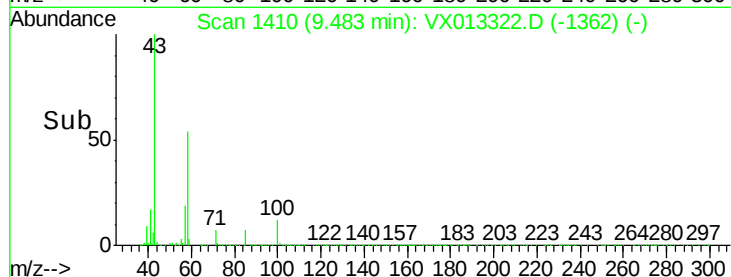
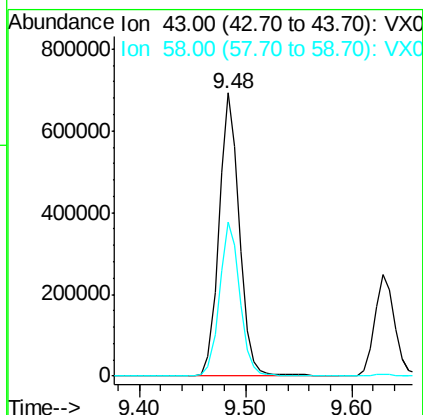
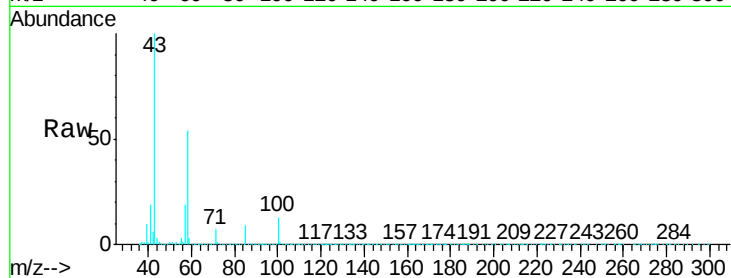




#59
2-Hexanone
Concen: 101.943 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

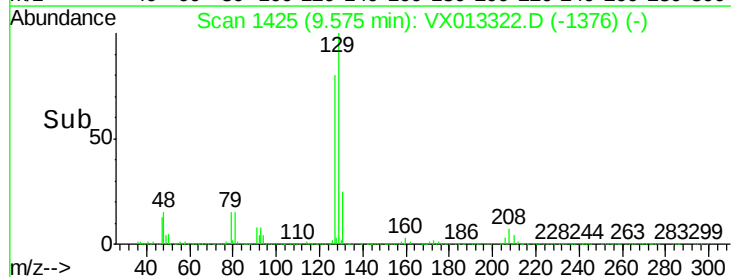
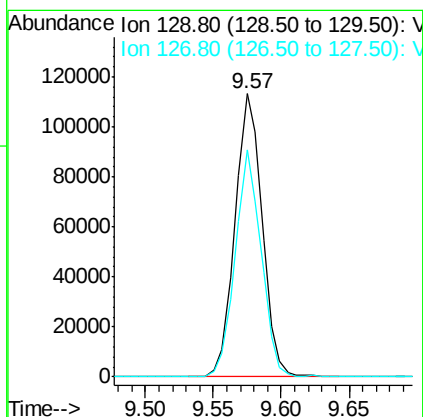
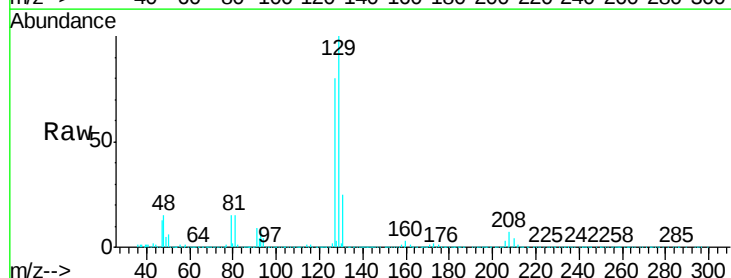
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

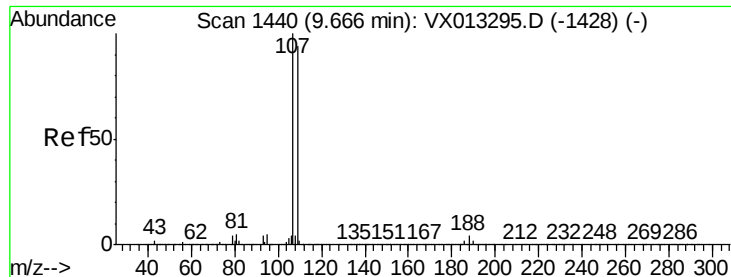
Tgt Ion: 43 Resp: 917886
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 20.773 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 129 Resp: 156910
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.646 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

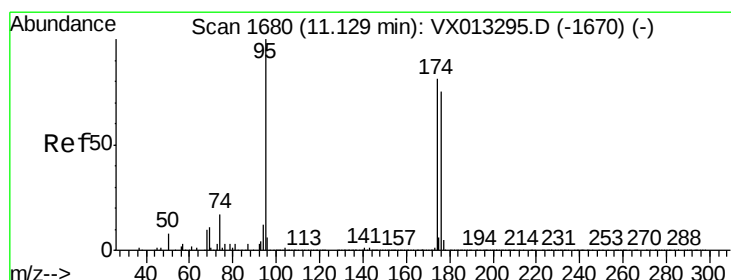
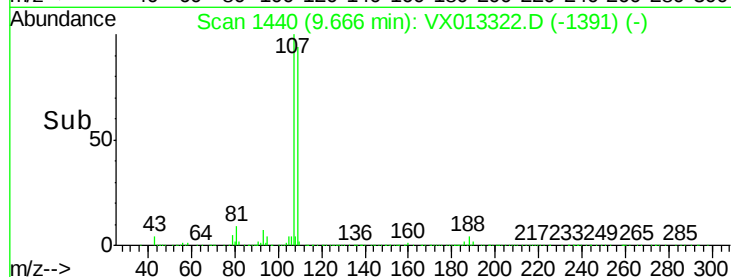
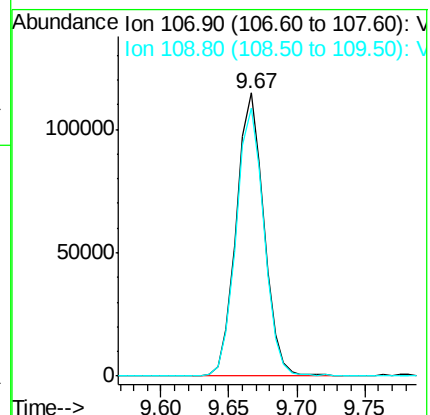
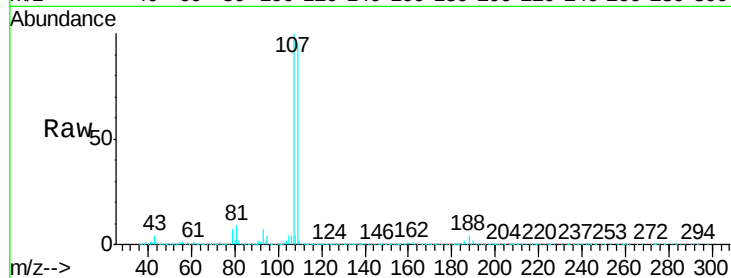
VX1104WBSD01

Tgt Ion: 107 Resp: 161920

Ion Ratio Lower Upper

107 100

109 95.1 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 48.896 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

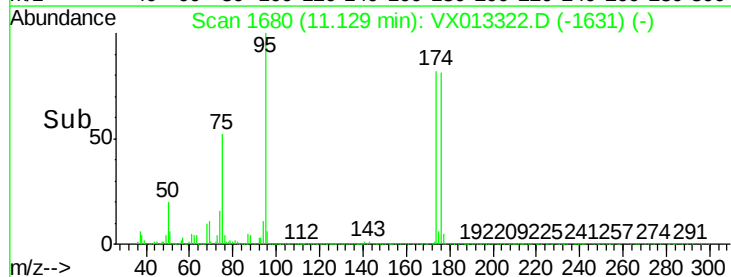
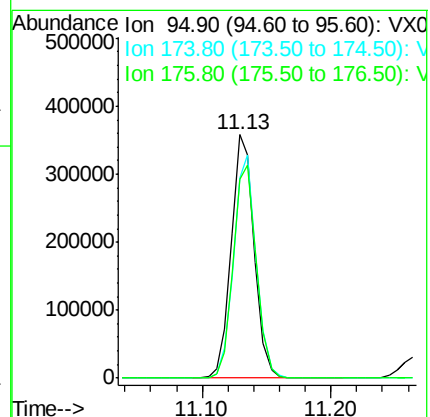
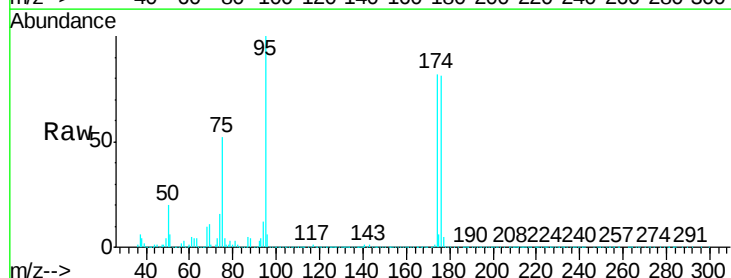
Tgt Ion: 95 Resp: 448918

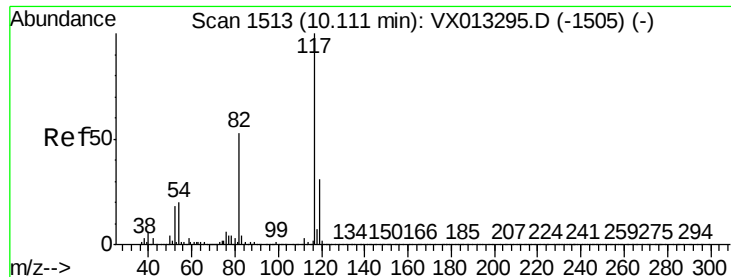
Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.8

176 88.1 0.0 173.0

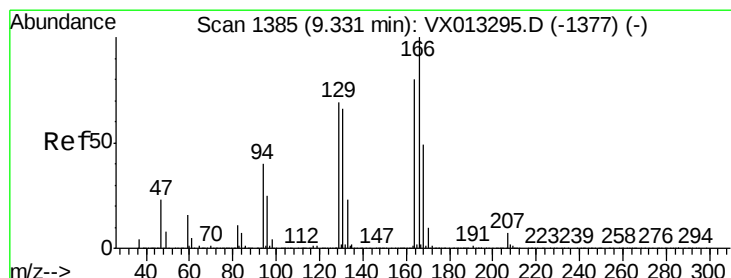
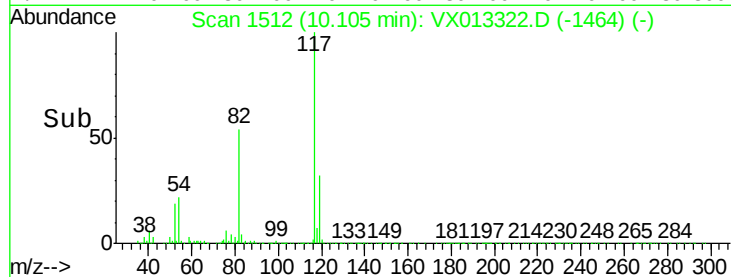
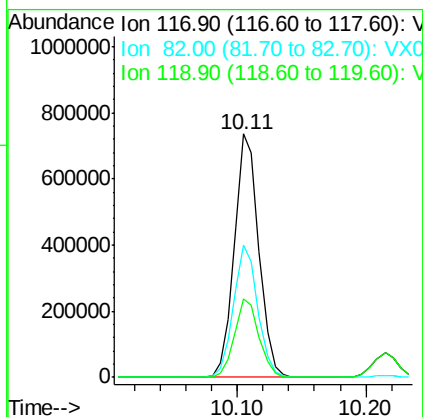
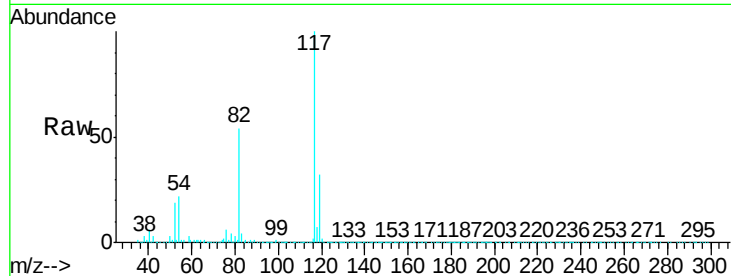




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

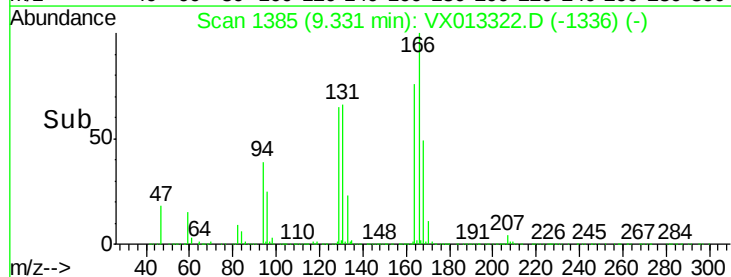
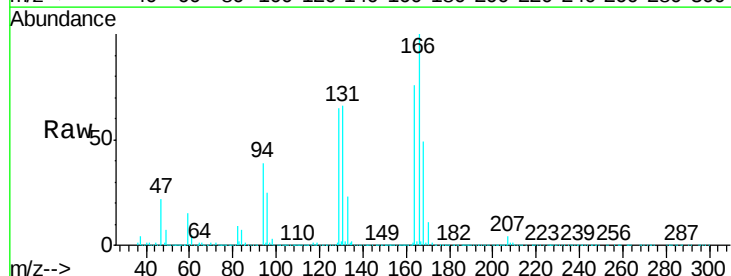
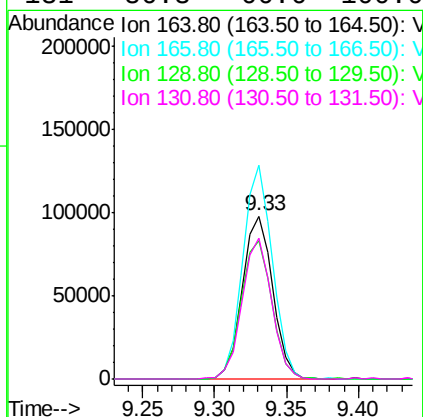
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

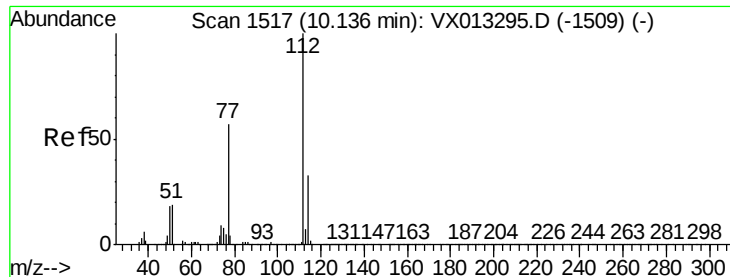
Tgt Ion:117 Resp: 975003
Ion Ratio Lower Upper
117 100
82 54.1 42.6 64.0
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 20.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion:164 Resp: 143049
Ion Ratio Lower Upper
164 100
166 130.9 100.4 150.6
129 85.0 69.4 104.2
131 86.3 66.6 100.0





#65

Chlorobenzene

Concen: 20.111 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

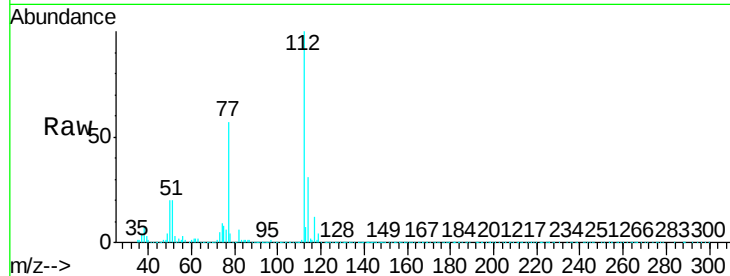
VX1104WBSD01

Tgt Ion:112 Resp: 396985

Ion Ratio Lower Upper

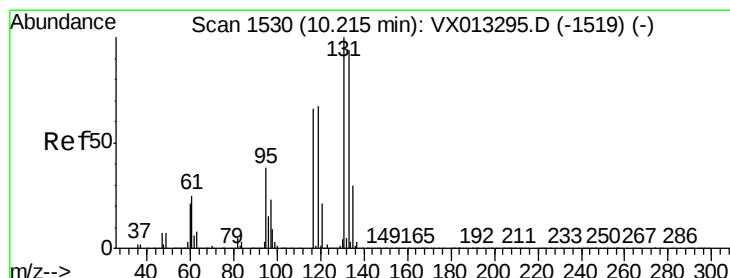
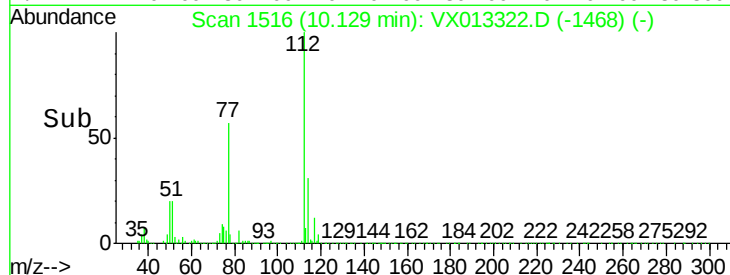
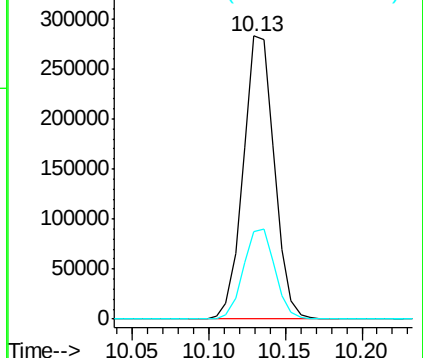
112 100

114 30.7 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.520 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

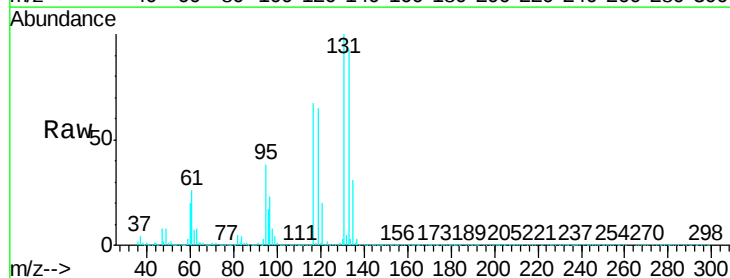
Tgt Ion:131 Resp: 148728

Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

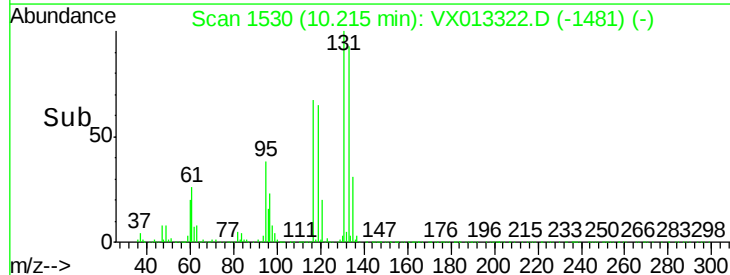
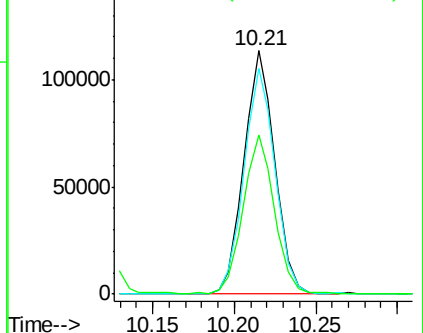
119 66.5 33.0 99.0

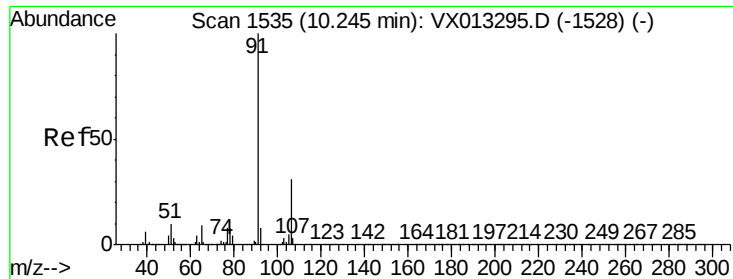


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.280 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

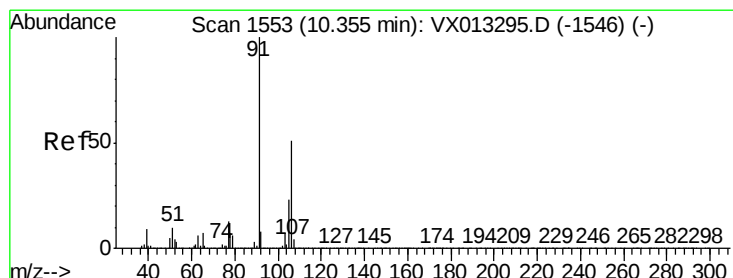
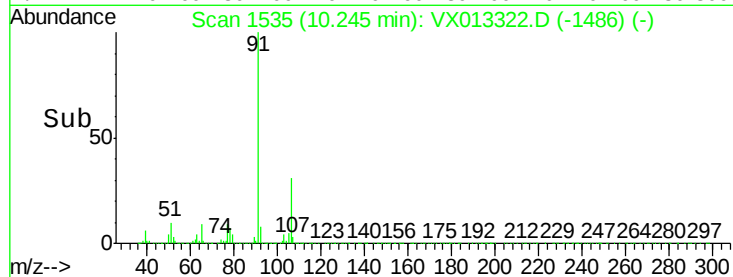
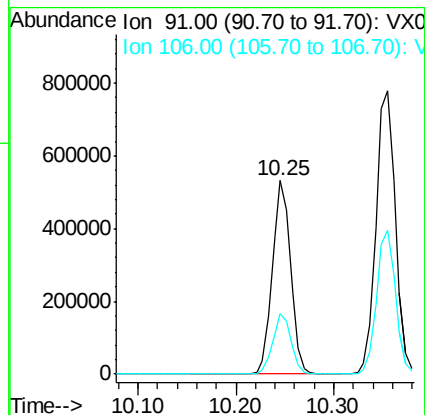
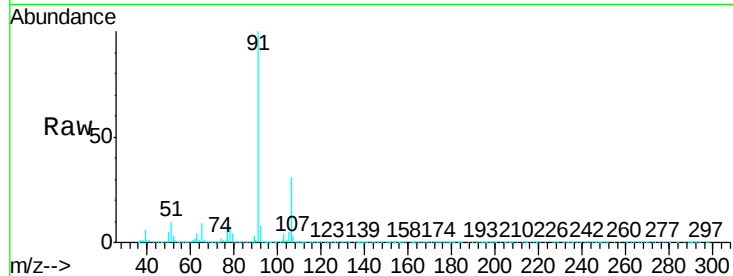
VX1104WBSD01

Tgt Ion: 91 Resp: 690889

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 41.306 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013322.D

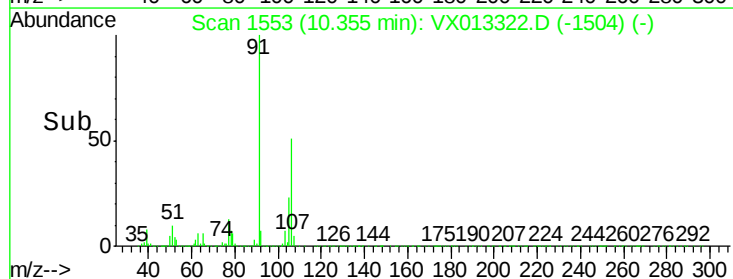
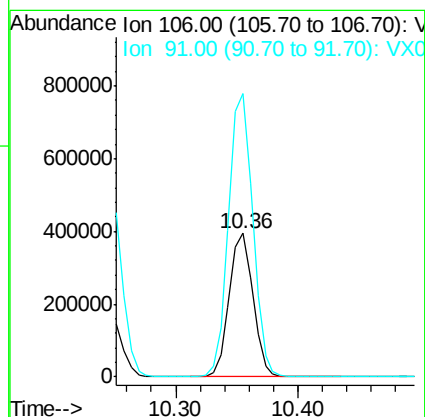
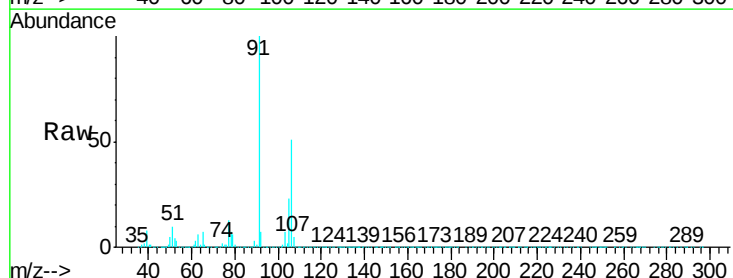
Acq: 04 Nov 2019 13:23

Tgt Ion: 106 Resp: 532197

Ion Ratio Lower Upper

106 100

91 200.4 159.3 238.9

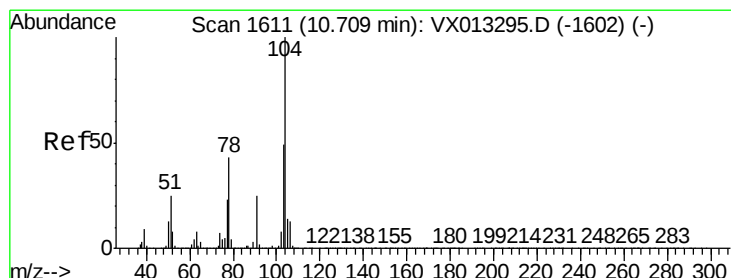
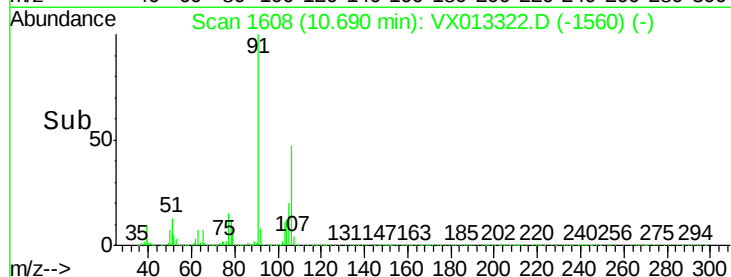
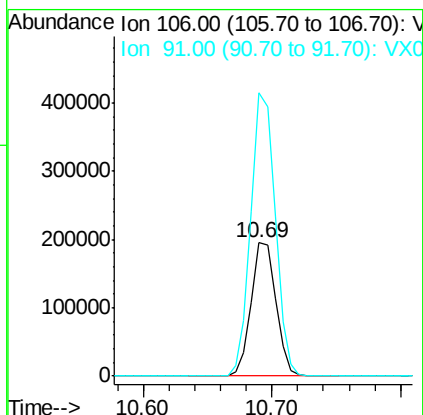
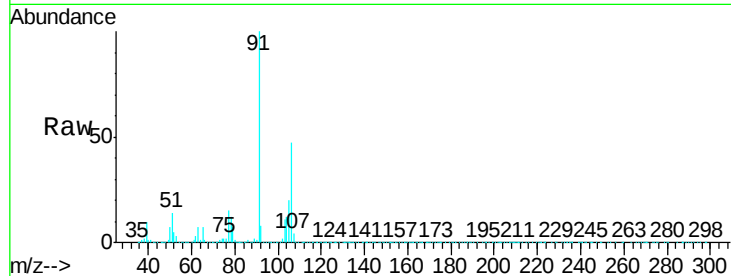




#69
o-Xylene
Concen: 20.513 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

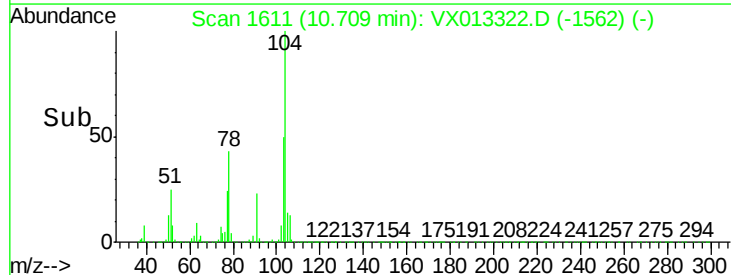
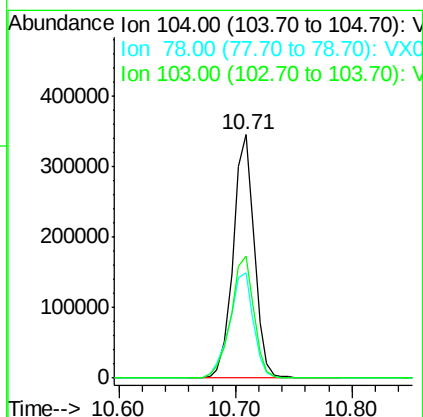
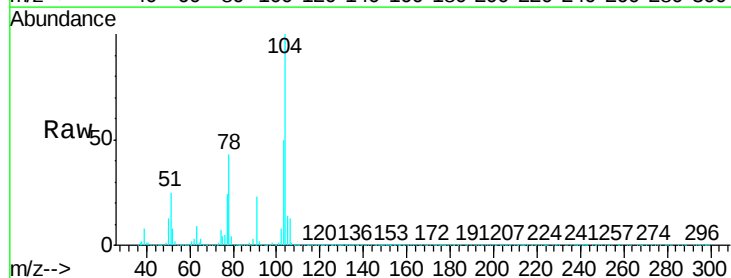
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tgt Ion:106 Resp: 258750
Ion Ratio Lower Upper
106 100
91 209.8 105.7 317.0



#70
Styrene
Concen: 20.844 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion:104 Resp: 439524
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 54.6 44.1 66.1





#71

Bromoform

Concen: 20.086 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

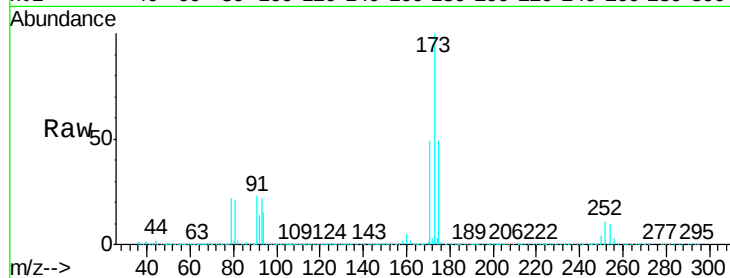
Tgt Ion:173 Resp: 121221

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.4

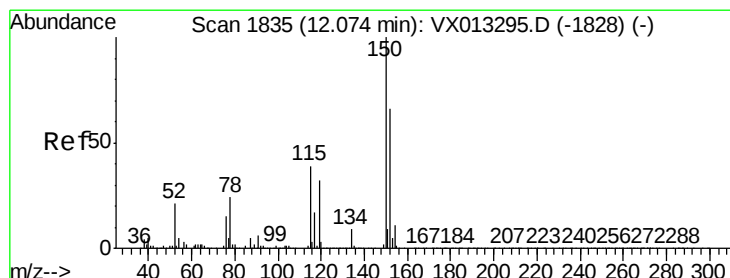
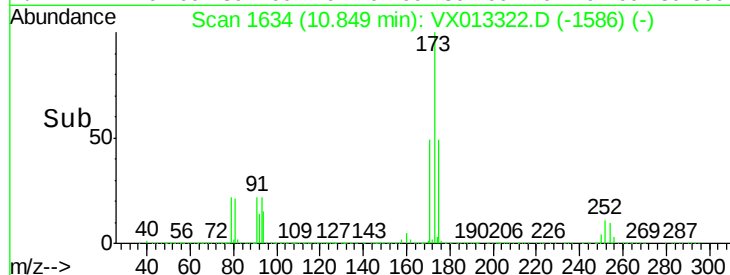
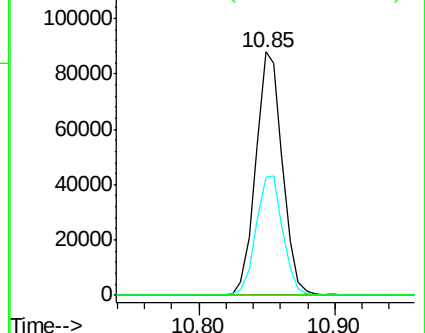
254 0.1 0.2 0.2#



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: VX013322.D

Acq: 04 Nov 2019 13:23

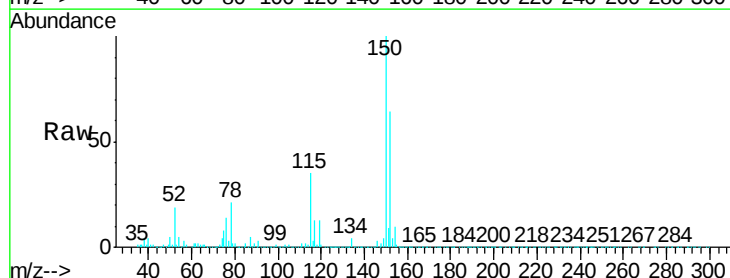
Tgt Ion:152 Resp: 498295

Ion Ratio Lower Upper

152 100

115 64.0 39.5 118.3

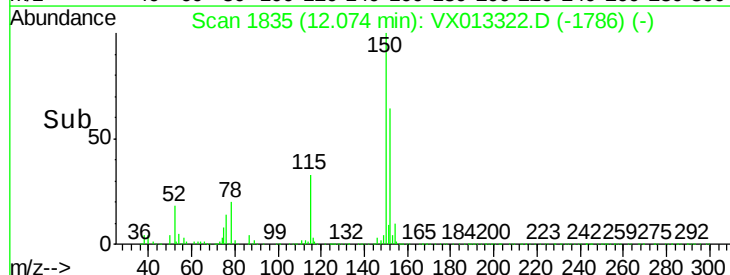
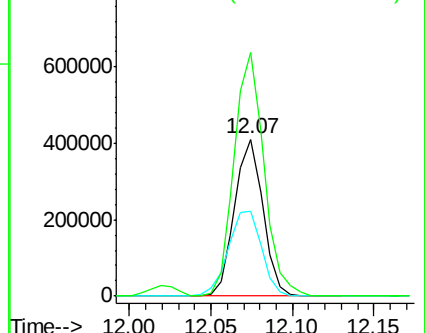
150 162.9 0.0 344.4

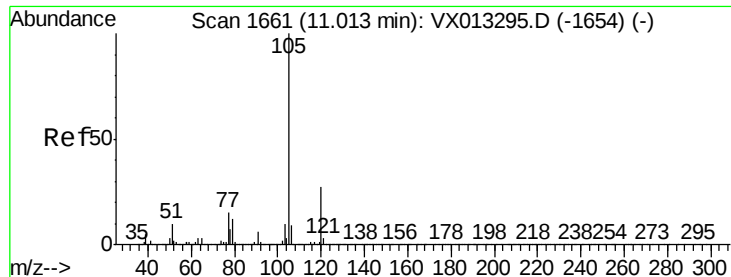


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

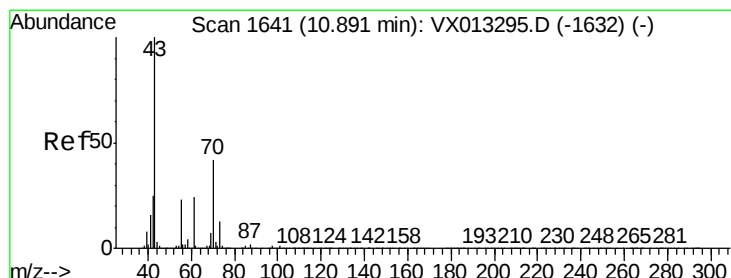
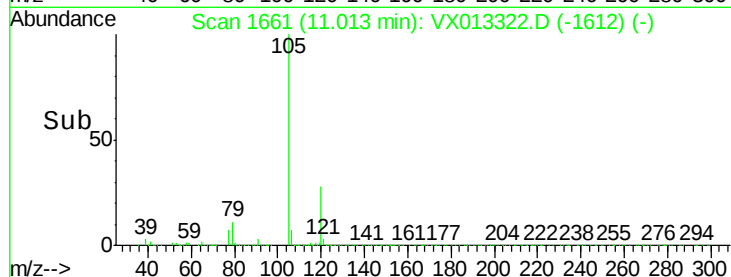
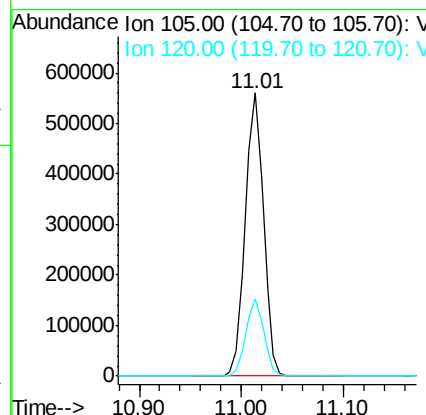
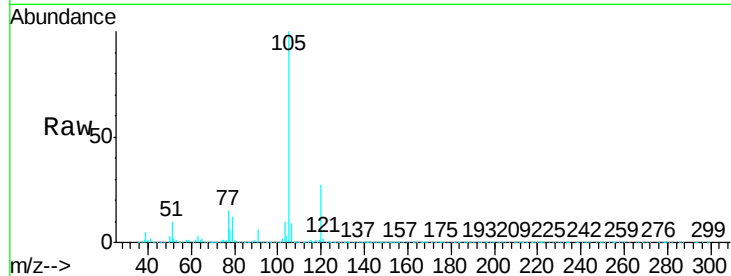




#73
Isopropylbenzene
Concen: 20.891 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

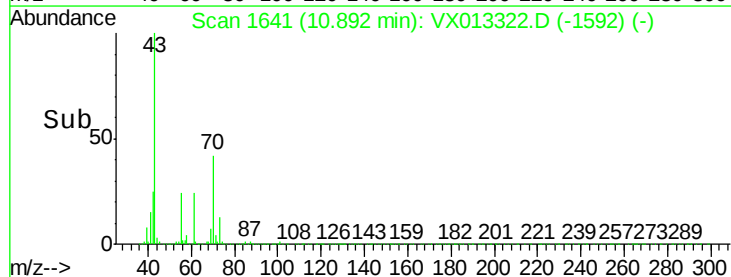
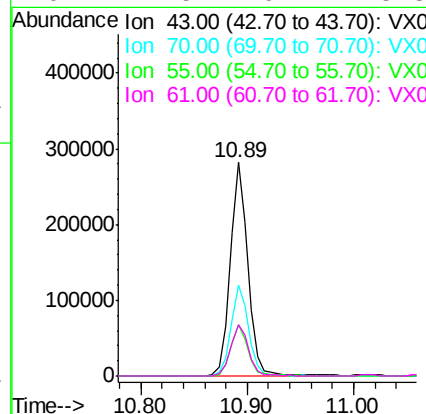
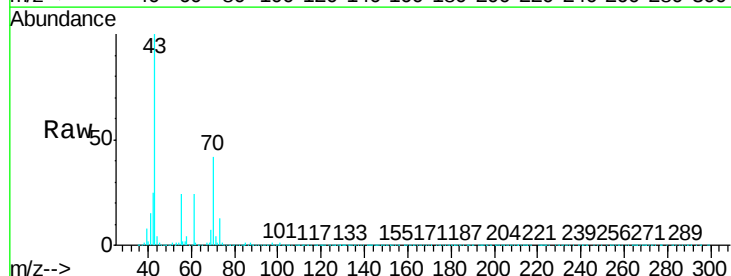
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

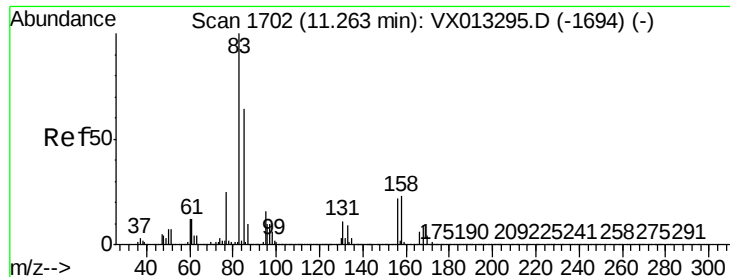
Tgt Ion: 105 Resp: 690189
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 21.198 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 43 Resp: 324763
Ion Ratio Lower Upper
43 100
70 42.5 34.1 51.1
55 23.8 18.9 28.3
61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.505 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

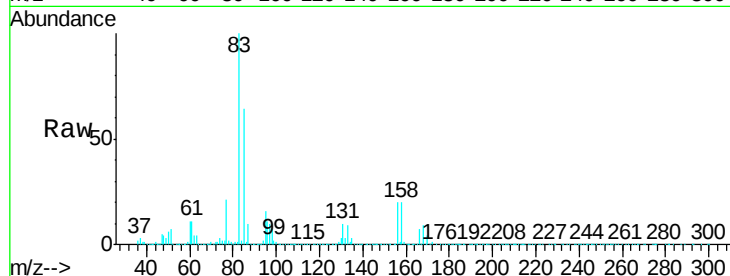
Tgt Ion: 83 Resp: 247135

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

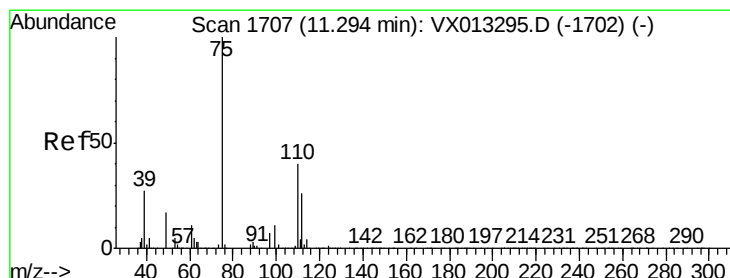
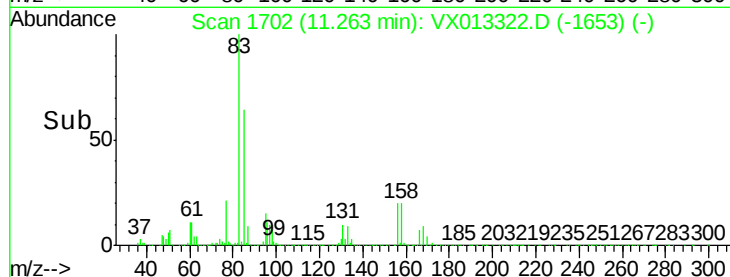
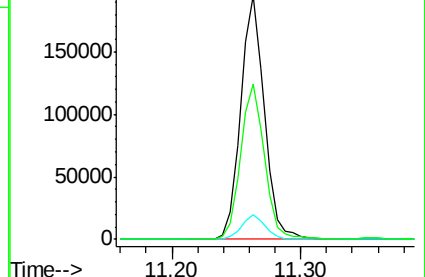
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.995 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013322.D

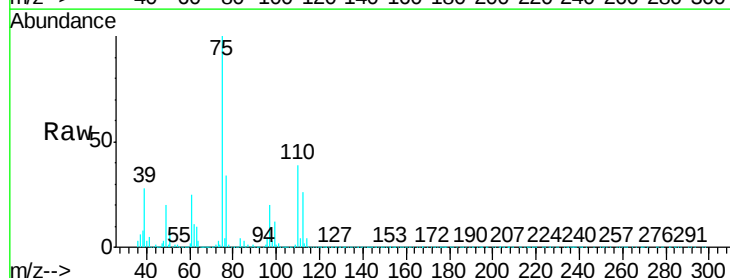
Acq: 04 Nov 2019 13:23

Tgt Ion: 75 Resp: 273215

Ion Ratio Lower Upper

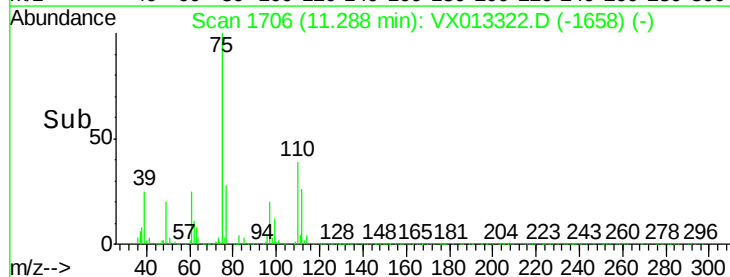
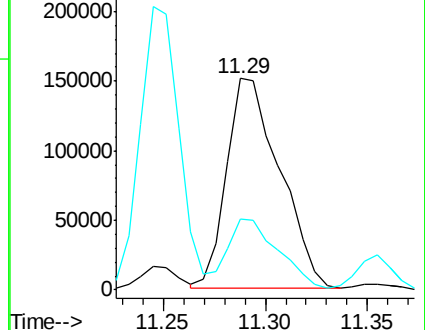
75 100

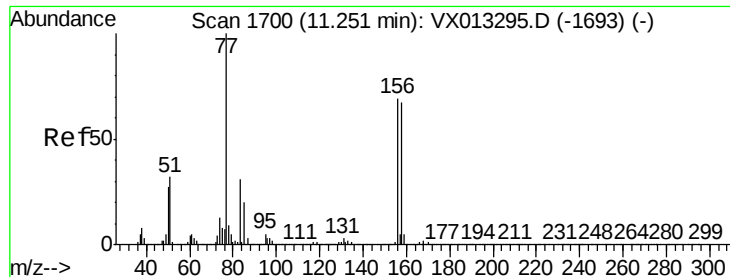
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

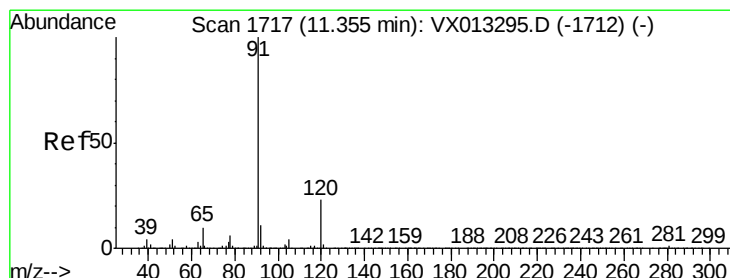
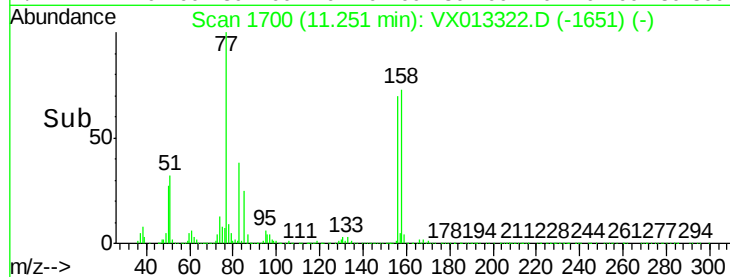
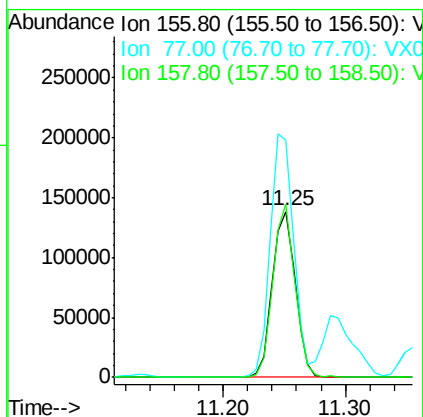
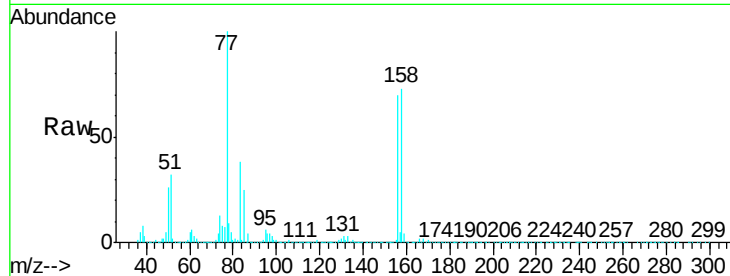




#77
Bromobenzene
Concen: 20.595 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

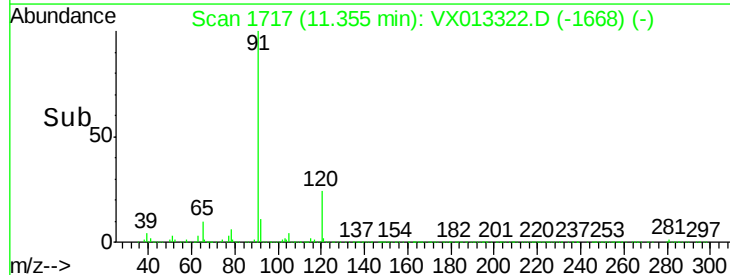
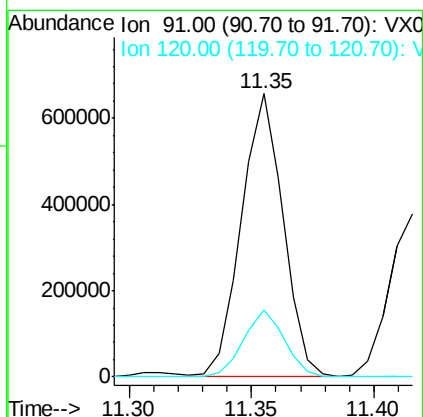
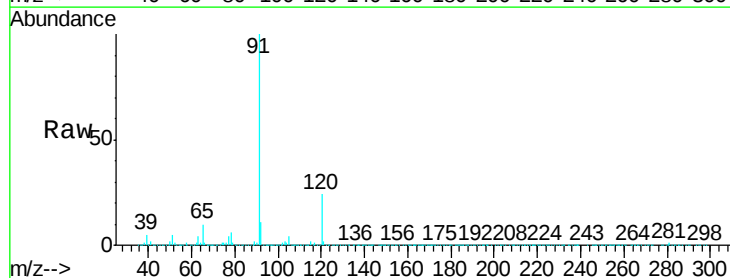
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

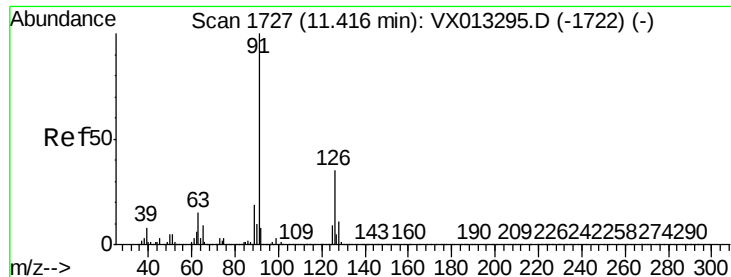
Tgt Ion: 156 Resp: 181386
Ion Ratio Lower Upper
156 100
77 148.1 75.8 227.4
158 99.0 47.6 142.8



#78
n-propylbenzene
Concen: 21.051 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 91 Resp: 774707
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

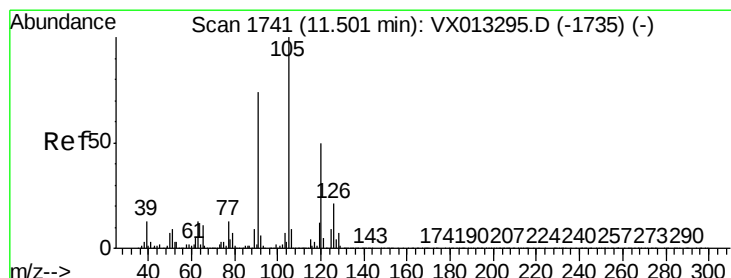
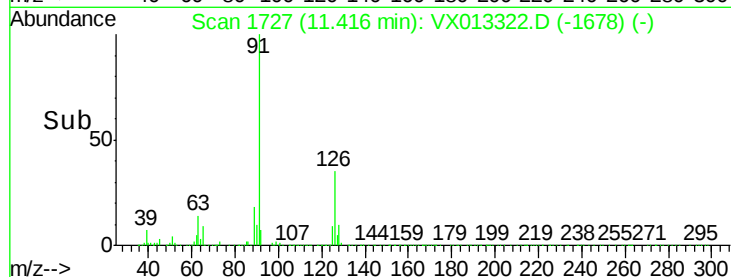
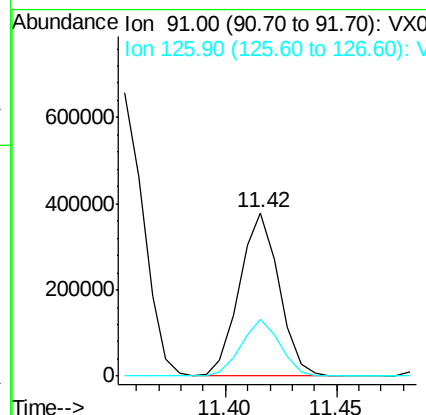
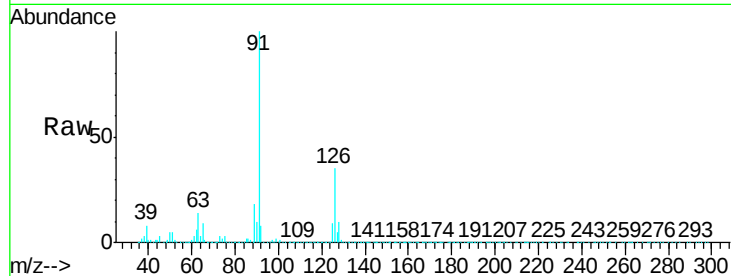




#79
 2-Chlorotoluene
 Concen: 21.133 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

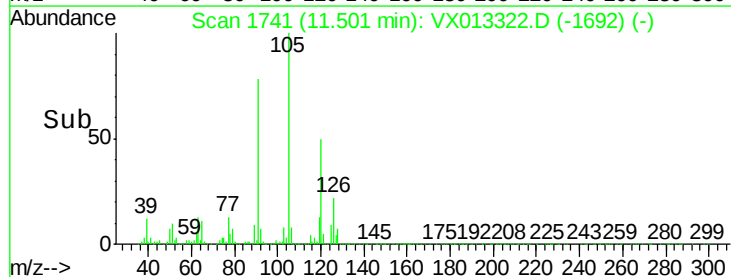
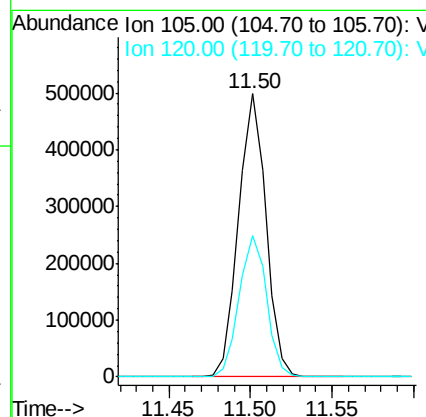
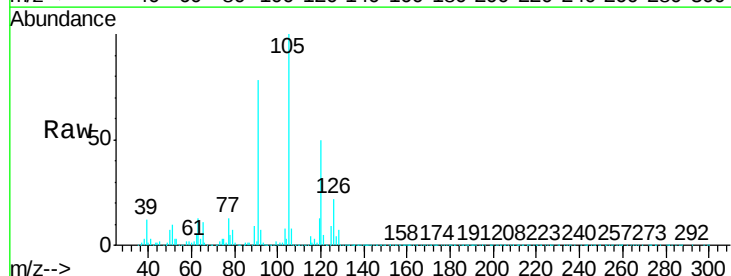
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

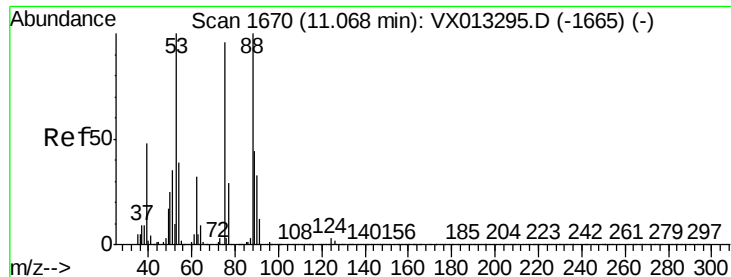
Tgt Ion: 91 Resp: 468581
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.259 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion: 105 Resp: 585013
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8

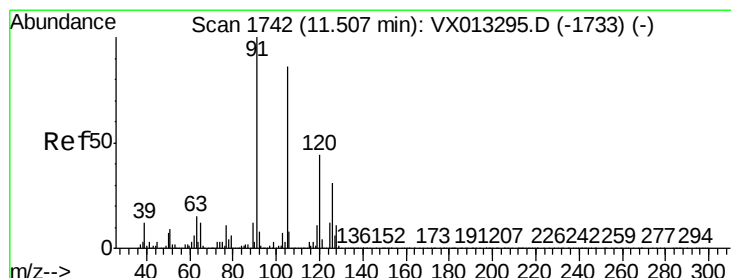
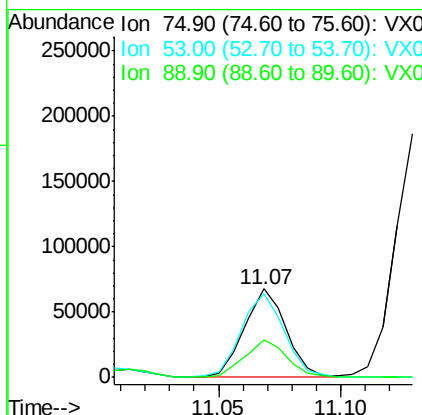
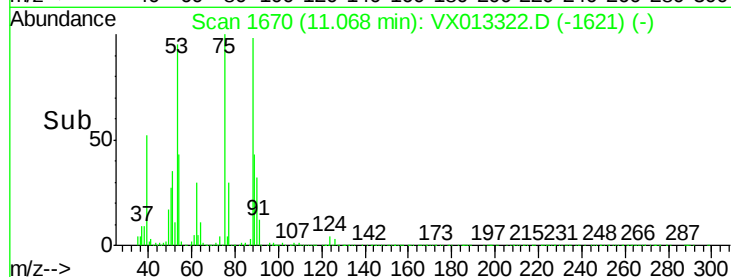
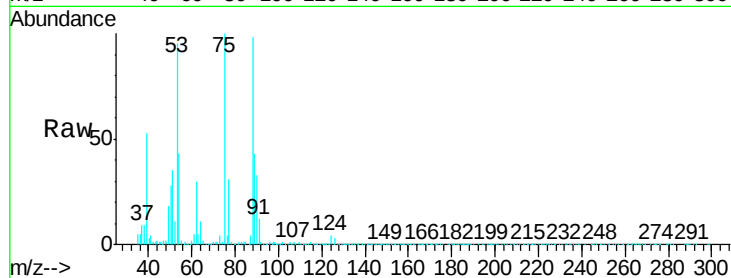




#81
trans-1,4-Dichloro-2-butene
Concen: 20.539 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

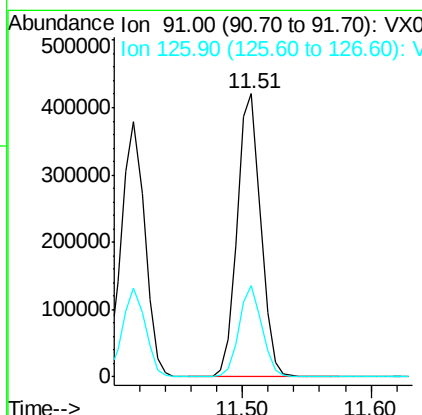
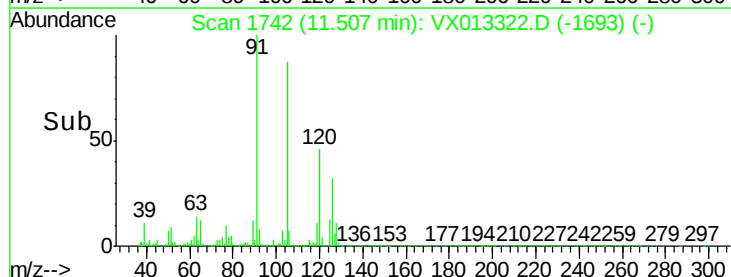
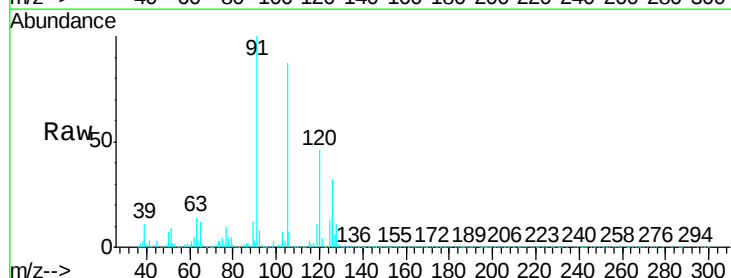
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Tgt Ion: 75 Resp: 80761
Ion Ratio Lower Upper
75 100
53 96.0 81.0 121.6
89 44.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.601 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion: 91 Resp: 534725
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.8

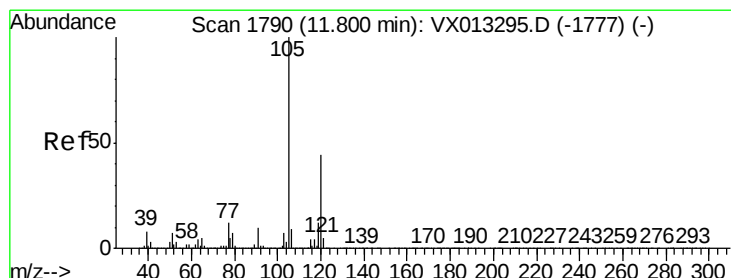
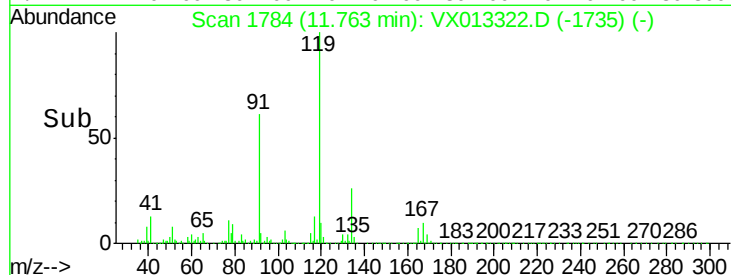
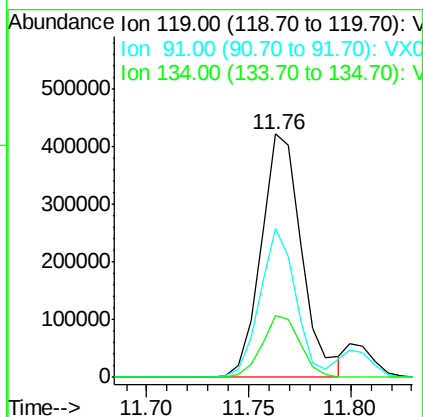
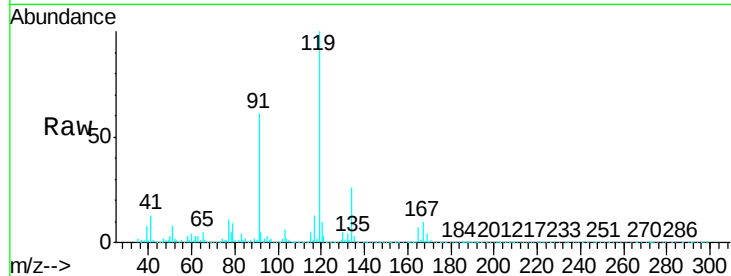




#83
tert-Butylbenzene
Concen: 21.054 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

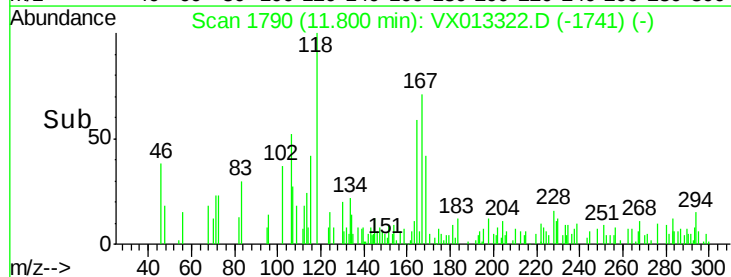
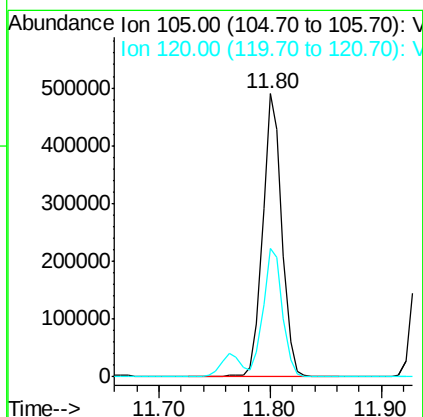
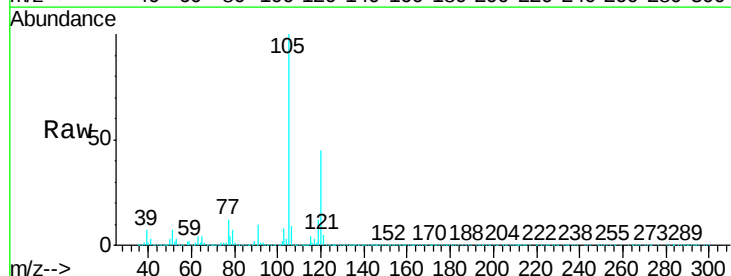
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

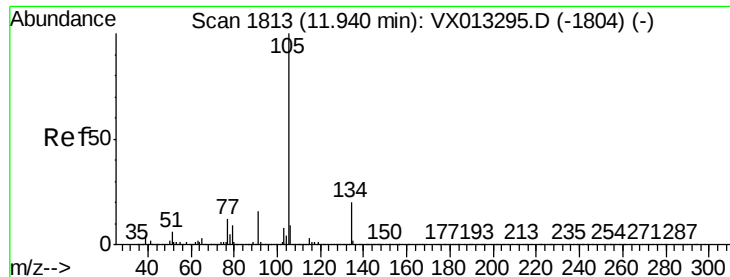
Tgt Ion:119 Resp: 583216
Ion Ratio Lower Upper
119 100
91 54.1 26.9 80.7
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.383 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013322.D
Acq: 04 Nov 2019 13:23

Tgt Ion:105 Resp: 590270
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.975 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

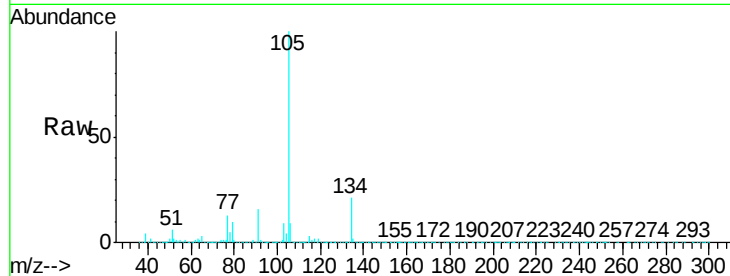
VX1104WBSD01

Tgt Ion:105 Resp: 667779

Ion Ratio Lower Upper

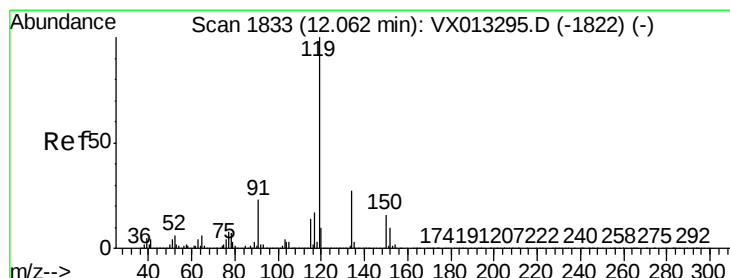
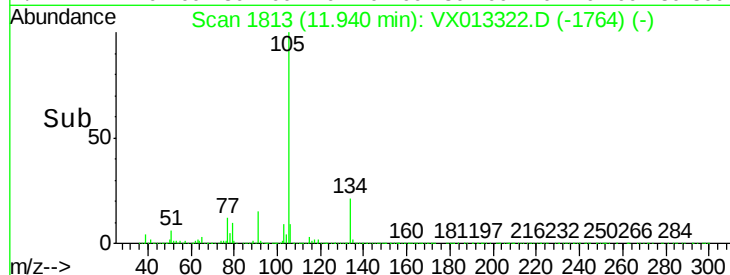
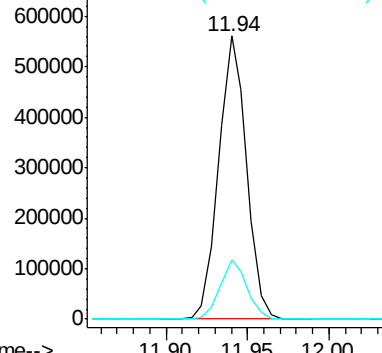
105 100

134 20.5 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: 21.333 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

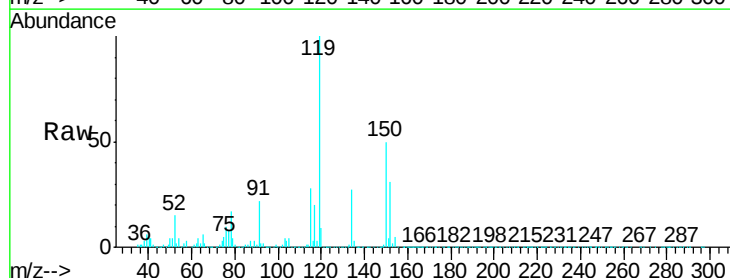
Tgt Ion:119 Resp: 625409

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

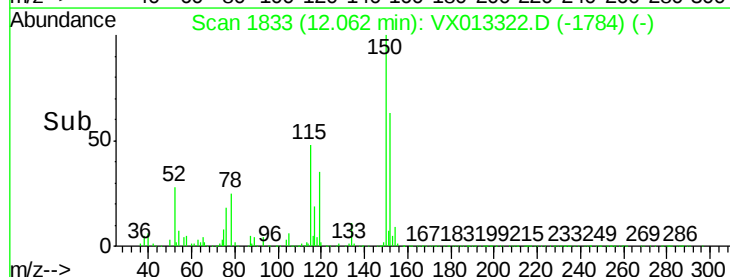
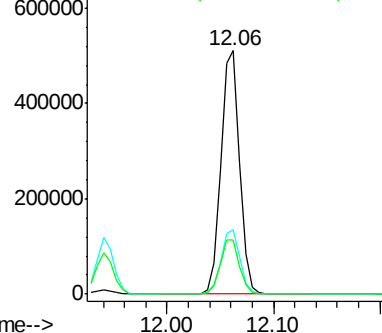
91 23.1 11.5 34.4



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

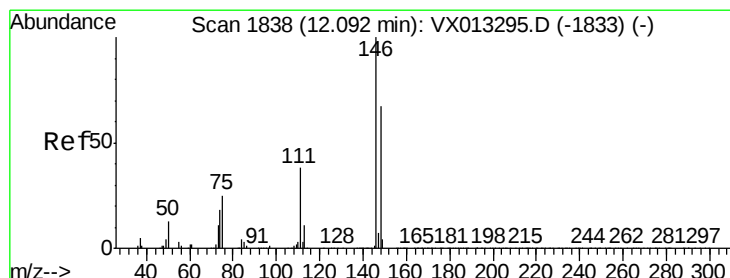
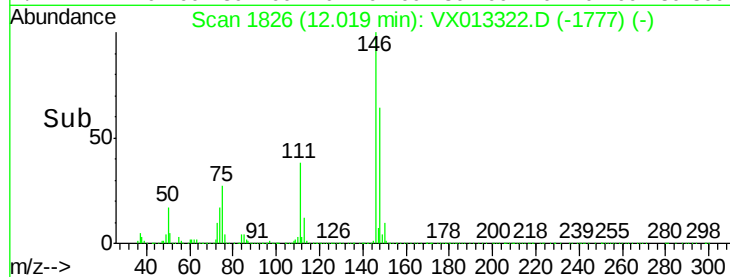
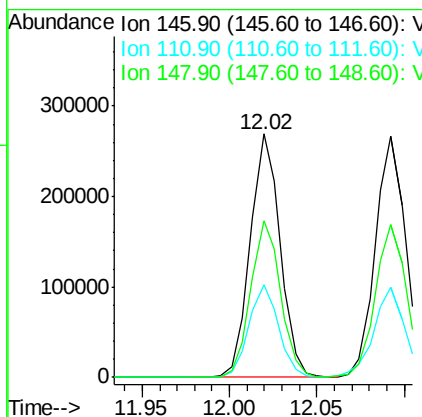
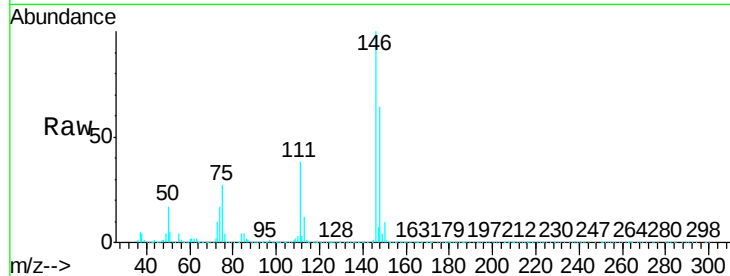




#87
 1,3-Dichlorobenzene
 Concen: 20.341 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

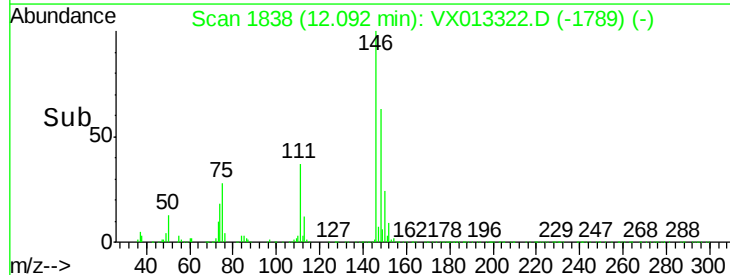
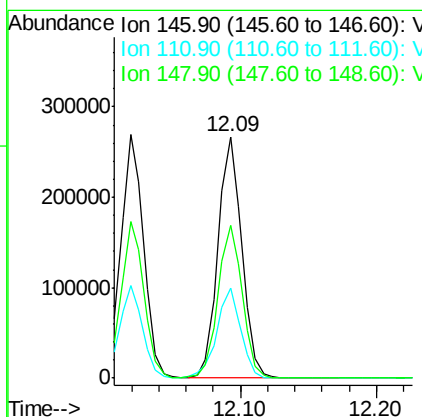
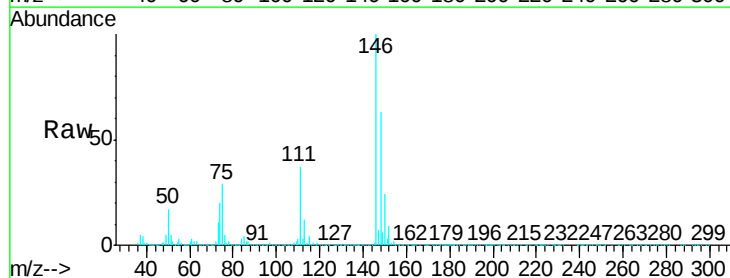
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

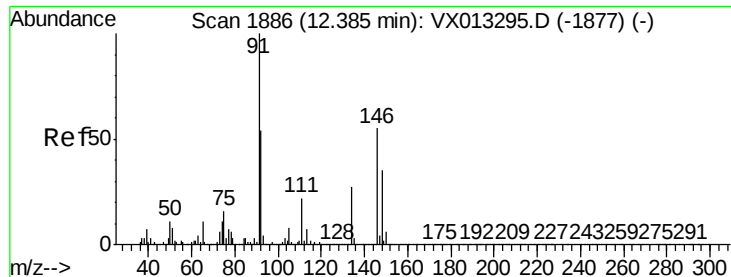
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.173 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.4
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 20.757 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

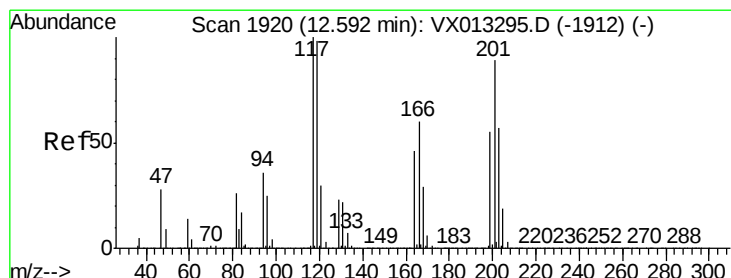
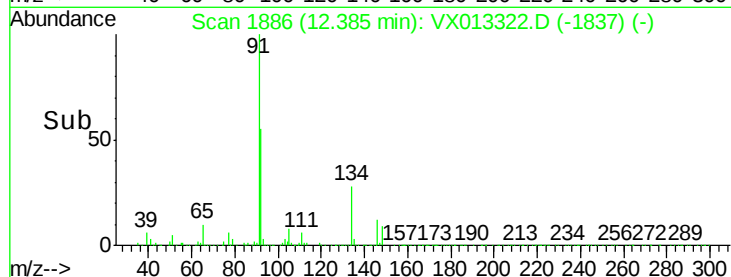
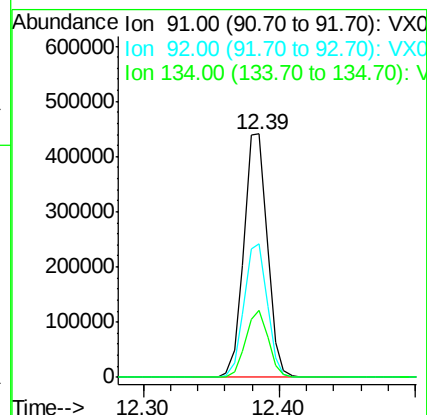
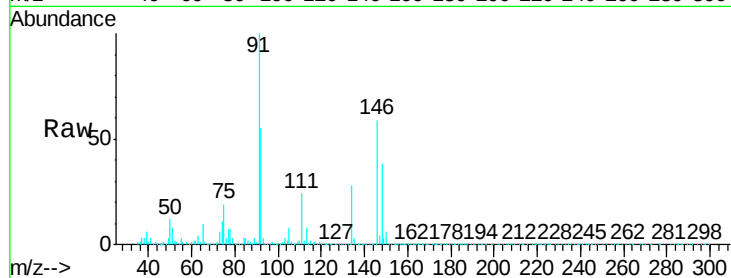
Tgt Ion: 91 Resp: 530991

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

134 26.7 13.5 40.5



#90

Hexachloroethane

Concen: 20.640 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013322.D

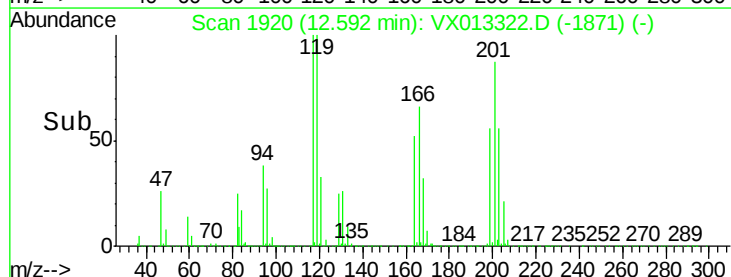
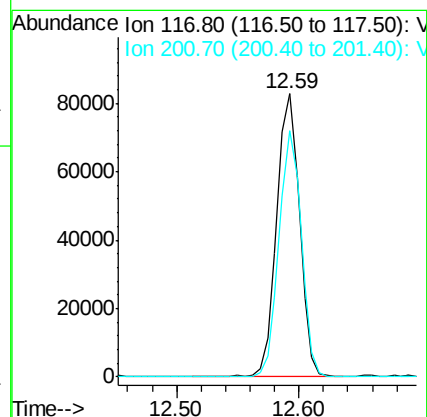
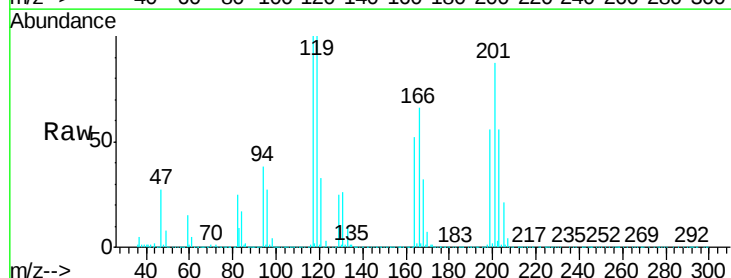
Acq: 04 Nov 2019 13:23

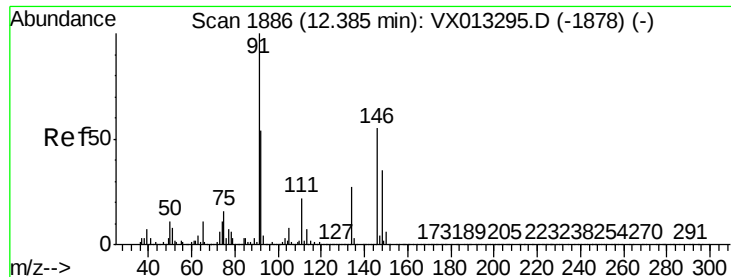
Tgt Ion: 117 Resp: 107811

Ion Ratio Lower Upper

117 100

201 84.9 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 20.644 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

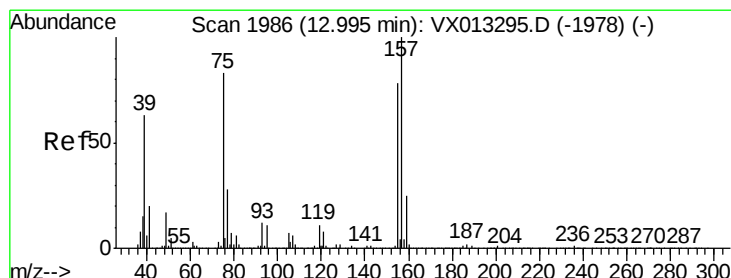
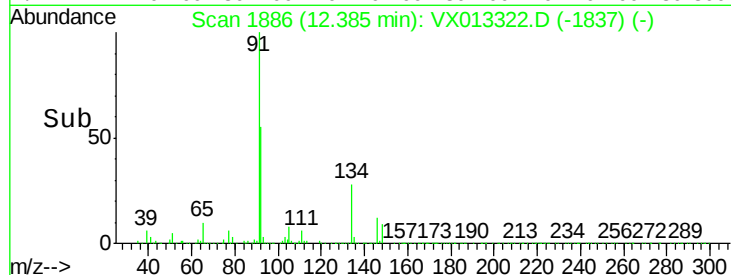
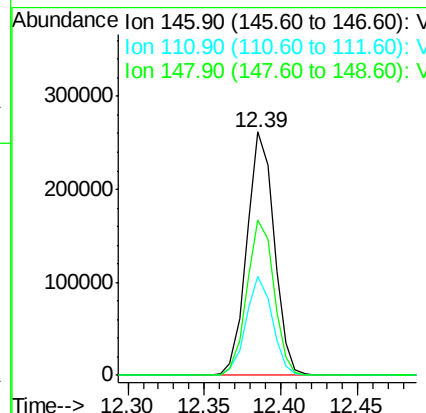
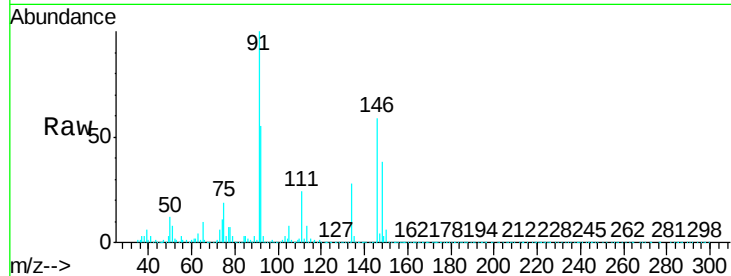
Instrument :

MSVOA_X

ClientSampled :

VX1104WBSD01

Tgt Ion:	146	Resp:	323970
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.2
148	63.4	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.597 ug/l

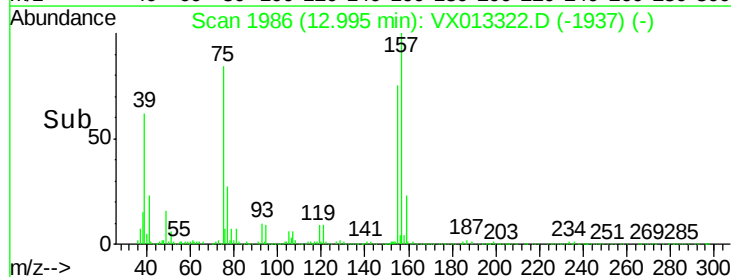
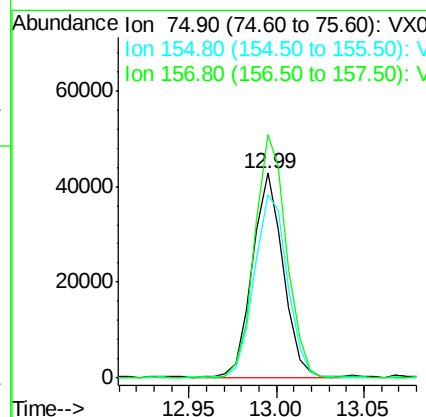
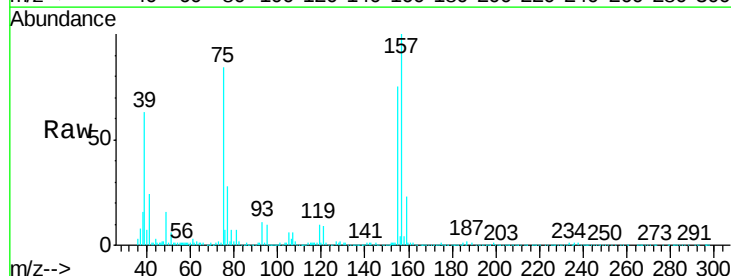
RT: 12.99 min Scan# 1986

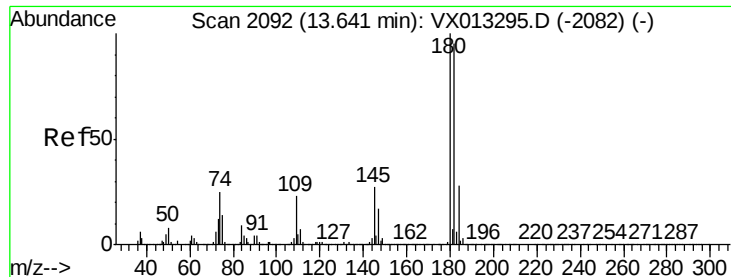
Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Tgt Ion:	75	Resp:	51672
Ion	Ratio	Lower	Upper
75	100		
155	99.4	47.1	141.4
157	124.4	61.3	183.8

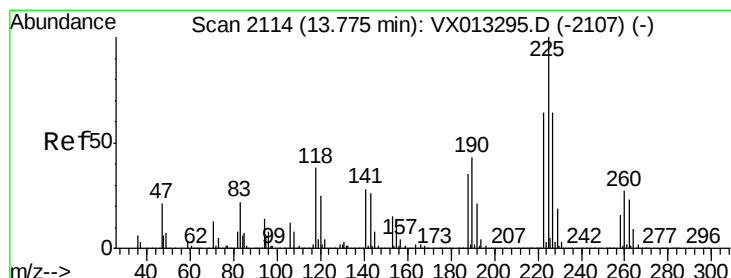
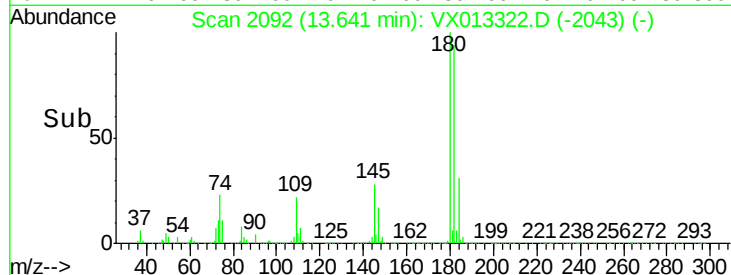
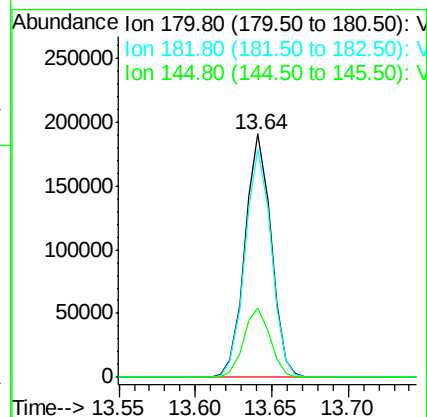
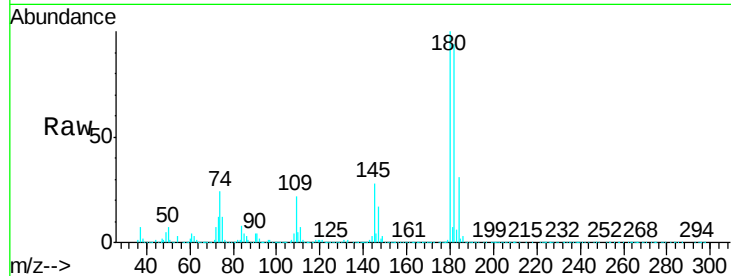




#93
 1,2,4-Trichlorobenzene
 Concen: 20.669 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

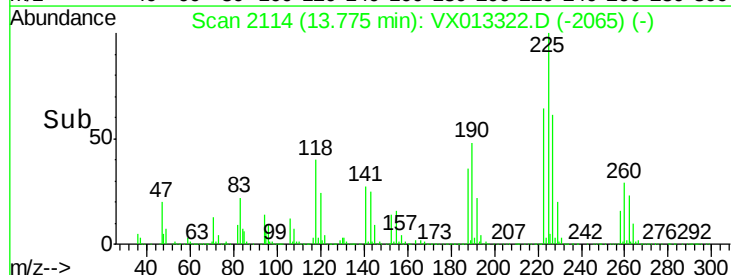
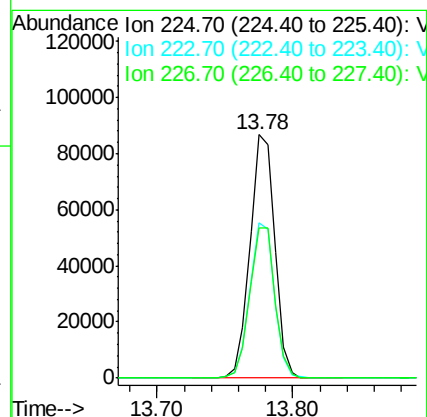
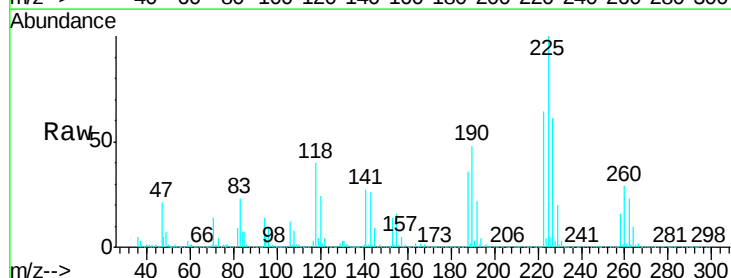
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

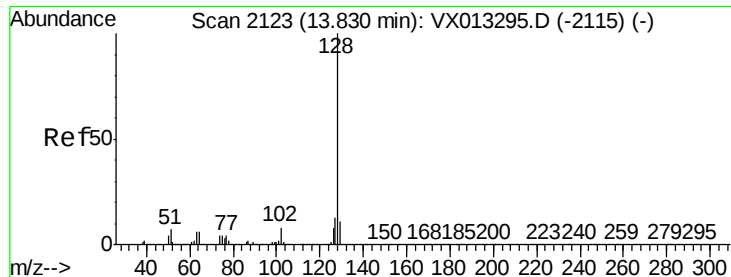
Tgt Ion:180 Resp: 226260
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.0
 145 29.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.700 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013322.D
 Acq: 04 Nov 2019 13:23

Tgt Ion:225 Resp: 110859
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.7
 227 62.7 31.9 95.9





#95

Naphthalene

Concen: 20.525 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBSD01

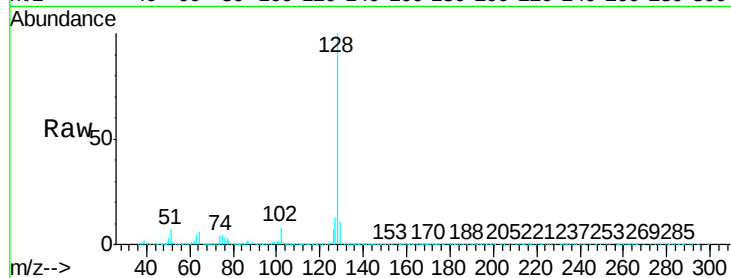
Tgt Ion:128 Resp: 704944

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

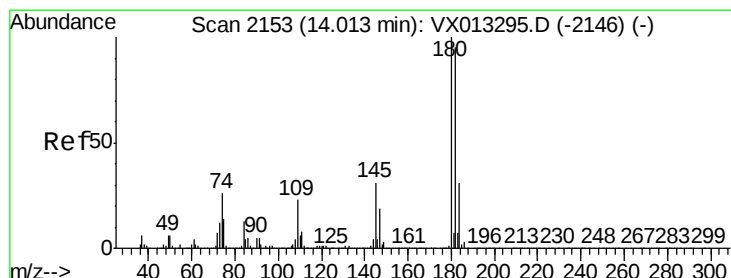
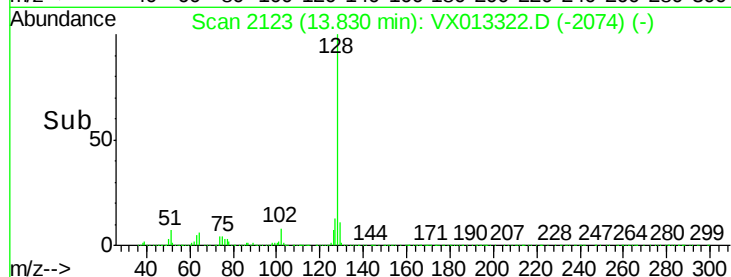
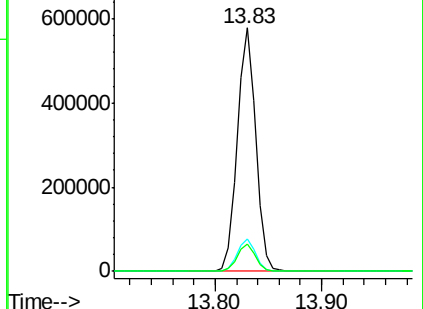
129 11.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.969 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013322.D

Acq: 04 Nov 2019 13:23

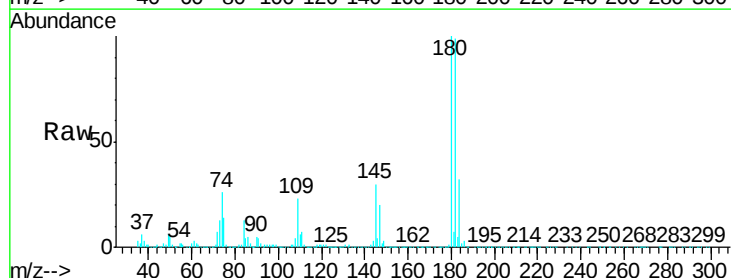
Tgt Ion:180 Resp: 230197

Ion Ratio Lower Upper

180 100

182 94.0 48.0 144.2

145 29.5 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

