

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111219\
 Data File : VX013381.D
 Acq On : 12 Nov 2019 13:08
 Operator : JC/SP
 Sample : VX1112WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Quant Time: Nov 12 13:57:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	122412	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	687720	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	614389	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	263338	29.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.10%
60) 4-Bromofluorobenzene	11.14	95	291837	29.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.50%
63) Toluene-d8	8.71	98	837514	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	164461	17.931	ug/l 99
3) Chloromethane	1.31	50	183518	18.359	ug/l 96
4) Vinyl Chloride	1.40	62	205292	18.074	ug/l 100
5) Bromomethane	1.63	94	116632	17.081	ug/l 100
6) Chloroethane	1.72	64	116131	18.600	ug/l 99
7) Trichlorofluoromethane	1.92	101	214556	17.547	ug/l 98
8) Diethyl Ether	2.17	74	99654	17.849	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128451	17.460	ug/l 99
10) 1,1-Dichloroethene	2.36	96	133355	17.639	ug/l 97
11) Methyl Iodide	2.50	142	153885	16.485	ug/l 99
12) Methyl Acetate	2.76	43	234320	17.688	ug/l 100
13) Acrolein	2.28	56	118452	84.176	ug/l 98
14) Acrylonitrile	3.13	53	400882	82.292	ug/l 99
15) Acetone	2.43	58	116755	79.134	ug/l 99
16) Carbon Disulfide	2.56	76	363469	17.237	ug/l 99
17) Allyl chloride	2.72	41	239351	17.192	ug/l 98
18) Methylene Chloride	2.84	84	150025	17.490	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	143013	17.700	ug/l 98
20) Diisopropyl ether	3.84	45	477255	17.818	ug/l 98
21) 1,1-Dichloroethane	3.69	63	259917	17.816	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	163062	17.701	ug/l 96
23) tert-Butyl Alcohol	3.03	59	191353	81.622	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	441075	17.628	ug/l 99
25) Chloroform	5.20	83	257377	18.023	ug/l 98
26) Cyclohexane	5.57	56	230723	17.415	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	186887	17.792	ug/l 100
30) 2-Butanone	4.65	43	601761	86.793	ug/l 100
31) 2,2-Dichloropropane	4.57	77	199309	17.520	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	212416	18.194	ug/l 98
33) Carbon Tetrachloride	5.78	117	183036	18.049	ug/l 94
34) Benzene	6.14	78	587148	18.428	ug/l 97
35) Methacrylonitrile	5.03	41	122599	17.707	ug/l 96
36) 1,2-Dichloroethane	6.18	62	203834	18.277	ug/l 99
37) Trichloroethene	7.20	130	153052	17.931	ug/l 98
38) Methylcyclohexane	7.46	83	227974	17.700	ug/l 99
39) 1,2-Dichloropropane	7.51	63	153676	18.654	ug/l 99
40) Dibromomethane	7.65	93	97366	17.759	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	190065	17.759	ug/l	93
42) Vinyl Acetate	3.80	43	1970687	90.280	ug/l	100
43) Ethyl Acetate	4.82	43	222747	17.615	ug/l	99
44) Isopropyl Acetate	6.43	43	358269	17.625	ug/l	99
45) 1,4-Dioxane	7.73	88	79208	352.947	ug/l	98
46) Methyl methacrylate	7.76	41	175629	17.370	ug/l	99
47) n-amyl Acetate	10.89	43	307804	17.263	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	210750	17.561	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	236373	17.975	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	150380	18.536	ug/l	99
51) Ethyl methacrylate	9.17	69	236159	17.680	ug/l	97
52) 1,3-Dichloropropane	9.37	76	250328	18.049	ug/l	99
53) Dibromochloromethane	9.57	129	151778	17.652	ug/l	98
54) 1,2-Dibromoethane	9.67	107	157252	18.127	ug/l	94
55) 2-Chloroethyl vinyl ether	8.31	63	523572	91.734	ug/l	99
56) Bromoform	10.85	173	116590	17.038	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1157423	90.179	ug/l	99
59) 2-Hexanone	9.48	43	886056	87.251	ug/l	100
61) Tetrachloroethene	9.33	164	139603	18.427	ug/l	96
62) Toluene	8.78	91	631145	18.442	ug/l	99
64) Chlorobenzene	10.14	112	387583	18.113	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	144957	18.098	ug/l	98
66) Ethyl Benzene	10.25	91	682337	18.149	ug/l	99
67) m/p-Xylenes	10.35	106	519302	35.807	ug/l	99
68) o-Xylene	10.70	106	253705	18.127	ug/l	98
69) Styrene	10.71	104	425849	17.818	ug/l	98
70) Isopropylbenzene	11.01	105	674810	18.297	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	239186	18.113	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	261718	23.472	ug/l	80
73) Bromobenzene	11.25	156	175015	17.995	ug/l	98
74) n-propylbenzene	11.35	91	762678	18.197	ug/l	100
75) 2-Chlorotoluene	11.42	91	453943	18.213	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	556278	17.945	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	74238	16.466	ug/l	98
78) 4-Chlorotoluene	11.51	91	507394	17.768	ug/l	100
79) tert-butylbenzene	11.76	119	566272	18.105	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	552578	17.887	ug/l	100
81) sec-Butylbenzene	11.94	105	640411	17.946	ug/l	99
82) p-Isopropyltoluene	12.06	119	587077	17.856	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	298872	17.479	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	299094	17.622	ug/l	98
85) n-Butylbenzene	12.38	91	485675	17.115	ug/l	100
86) Hexachloroethane	12.59	117	101156	16.766	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	307458	17.982	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	52350	17.727	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	197615	16.762	ug/l	97
90) Hexachlorobutadiene	13.77	225	94713	16.765	ug/l	97
91) Naphthalene	13.83	128	648577	17.375	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	203357	17.068	ug/l	99

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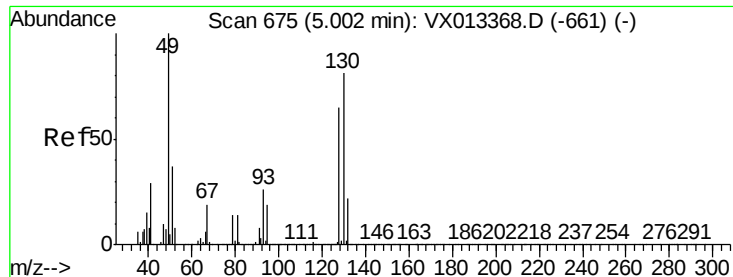
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Quant Time: Nov 12 13:57:29 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Page: 4



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

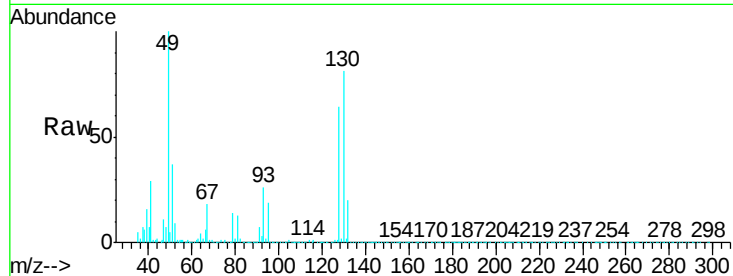
Tgt Ion:128 Resp: 122412

Ion Ratio Lower Upper

128 100

49 159.8 0.0 388.3

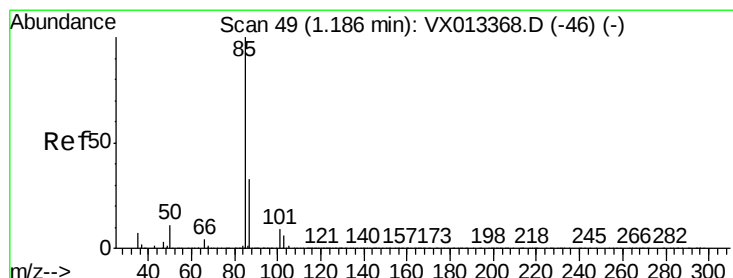
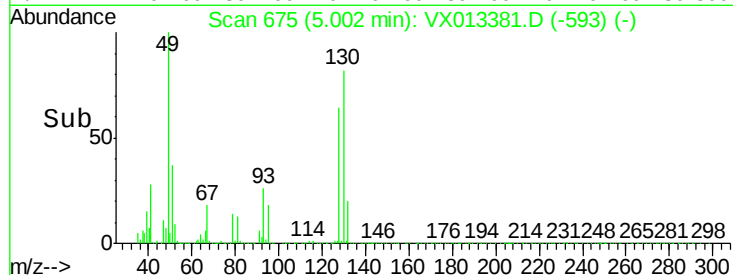
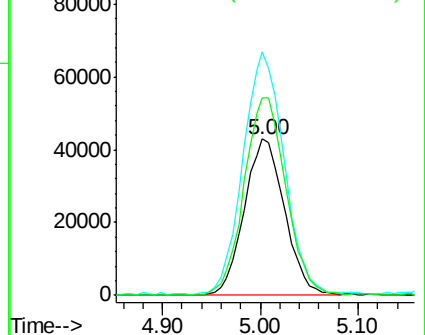
130 132.5 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.931 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013381.D

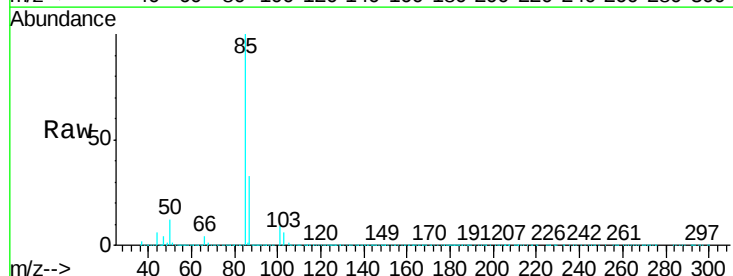
Acq: 12 Nov 2019 13:08

Tgt Ion: 85 Resp: 164461

Ion Ratio Lower Upper

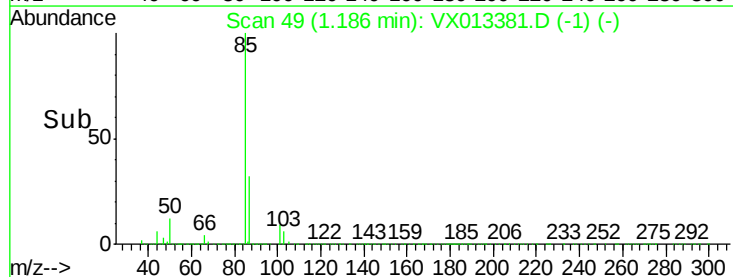
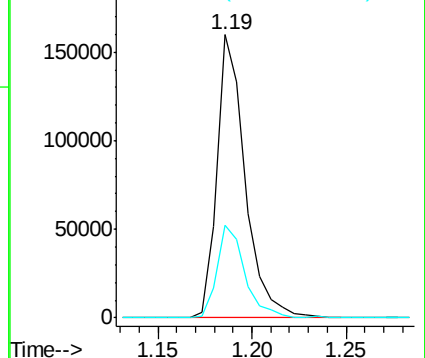
85 100

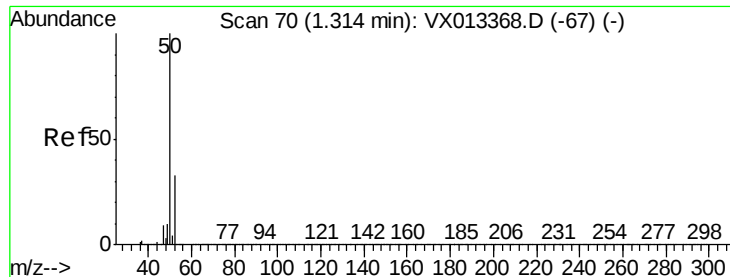
87 32.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

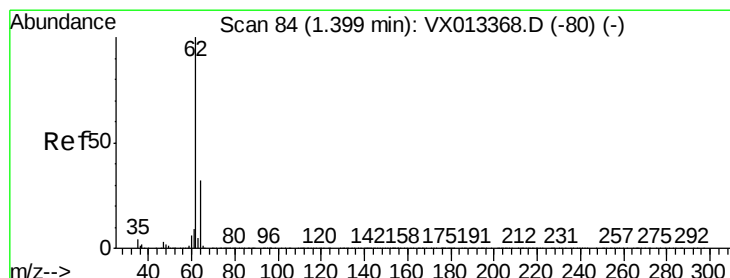
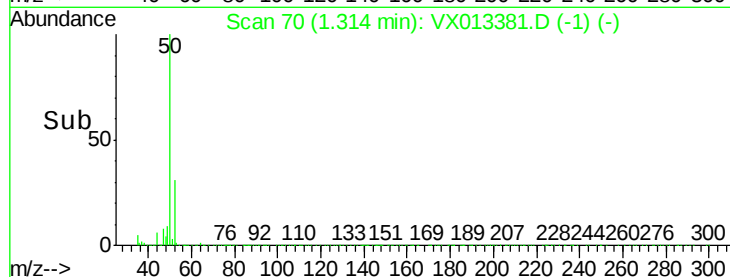
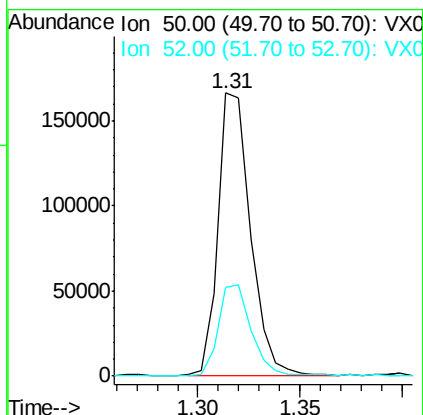
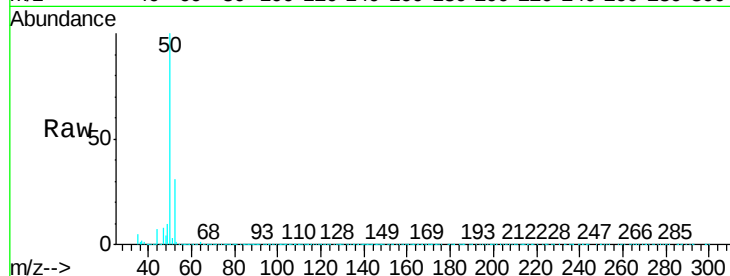




#3
Chloromethane
Concen: 18.359 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

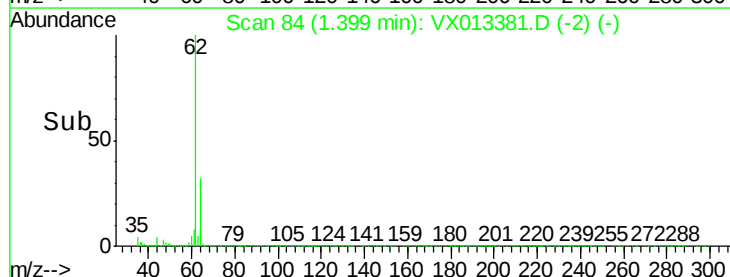
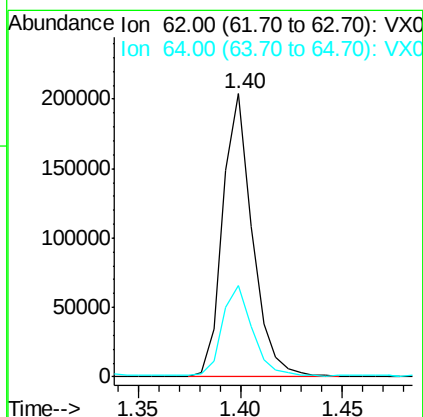
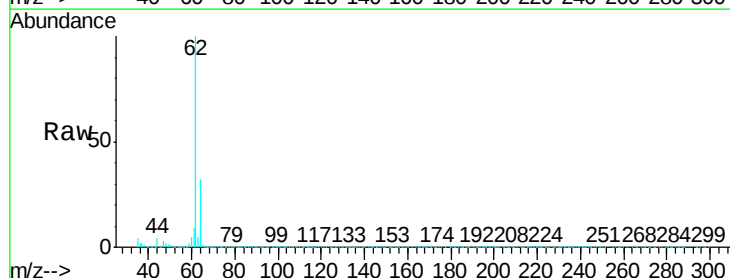
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

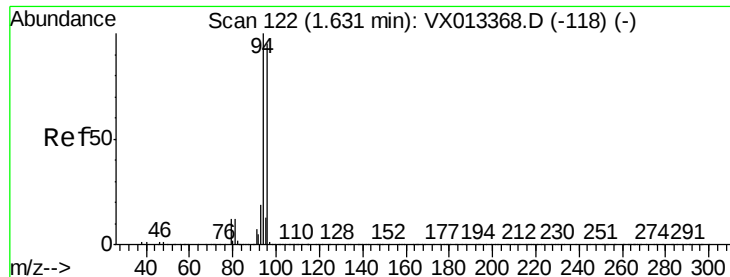
Tgt Ion: 50 Resp: 183518
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0



#4
Vinyl Chloride
Concen: 18.074 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 62 Resp: 205292
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5

Bromomethane

Concen: 17.081 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

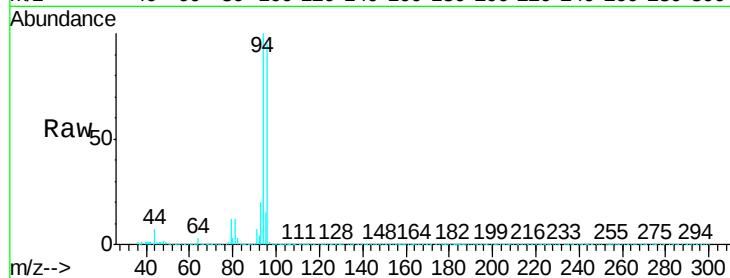
VX1112WBSD01

Tgt Ion: 94 Resp: 116632

Ion Ratio Lower Upper

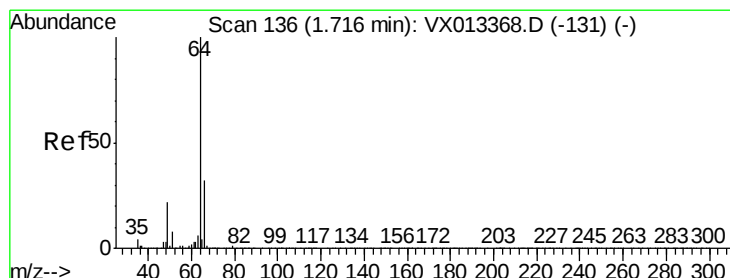
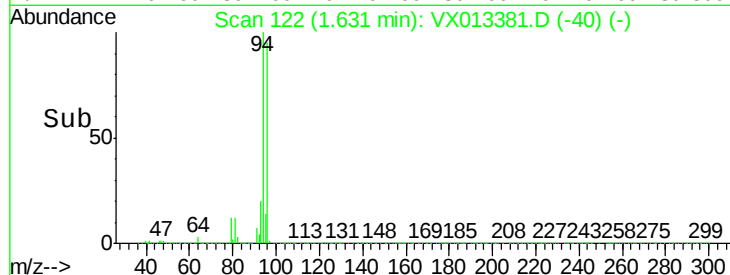
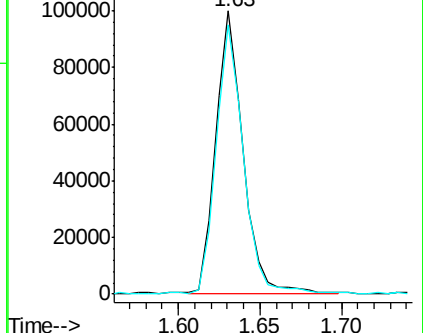
94 100

96 94.9 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.600 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013381.D

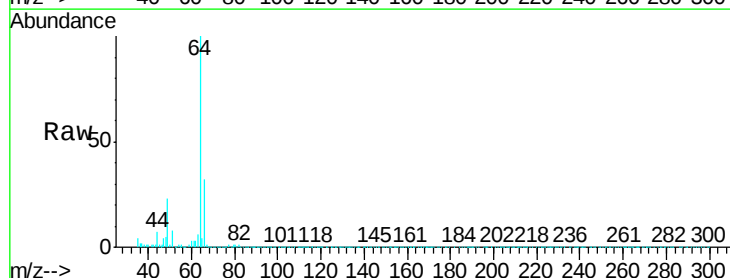
Acq: 12 Nov 2019 13:08

Tgt Ion: 64 Resp: 116131

Ion Ratio Lower Upper

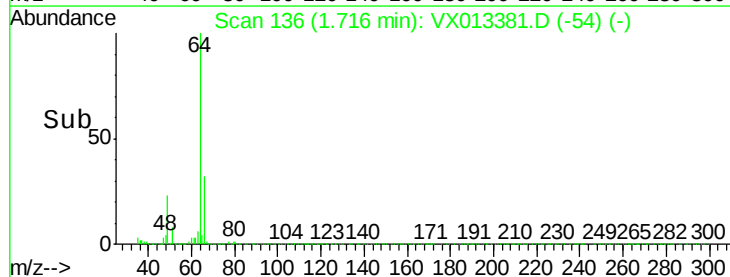
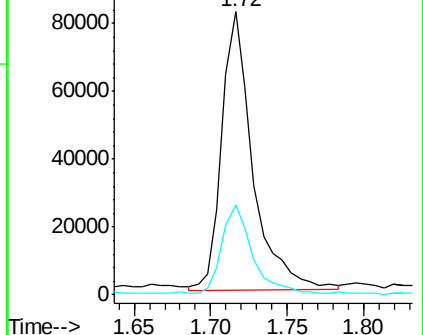
64 100

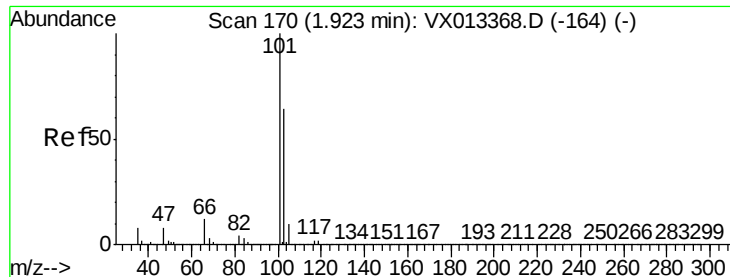
66 32.2 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



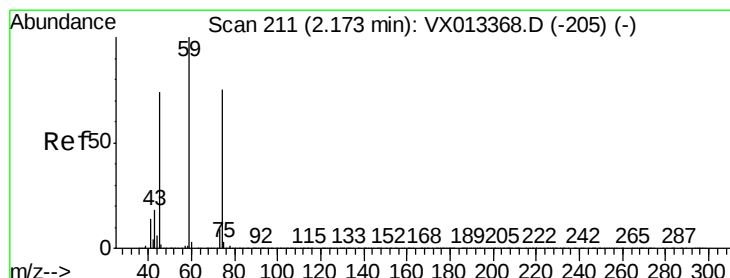
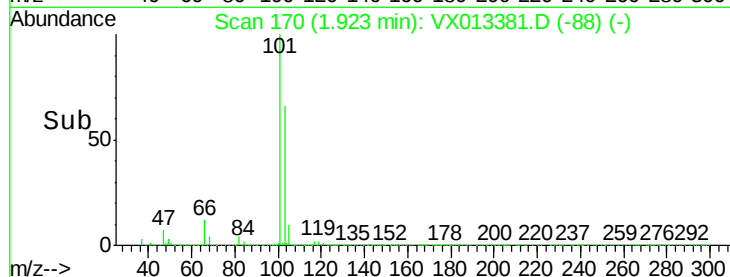
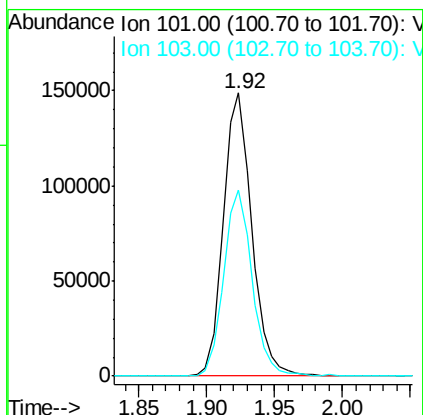
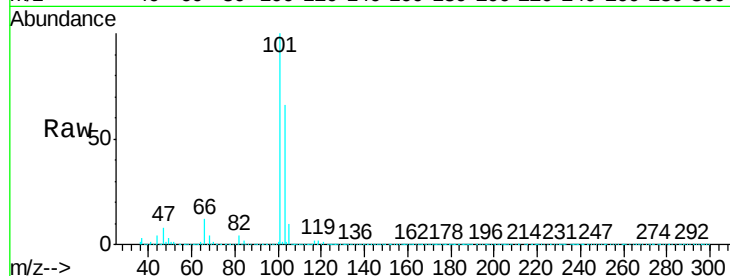


#7

Trichlorofluoromethane
Concen: 17.547 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
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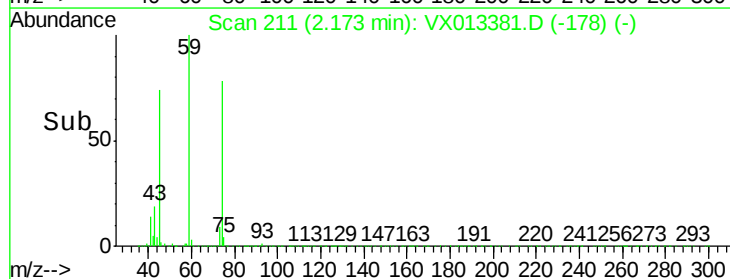
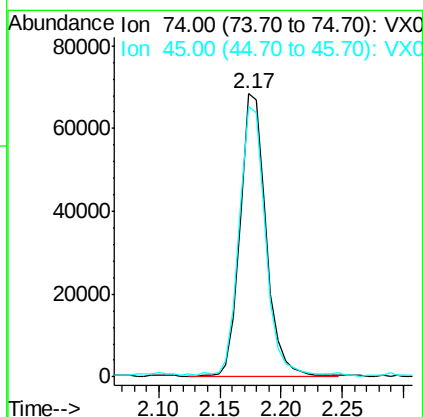
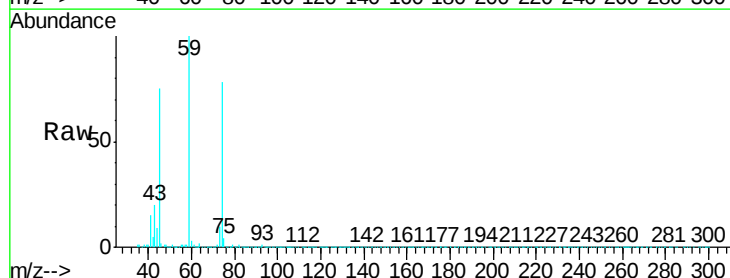
Tgt Ion:101 Resp: 214556
Ion Ratio Lower Upper
101 100
103 65.8 51.2 76.8

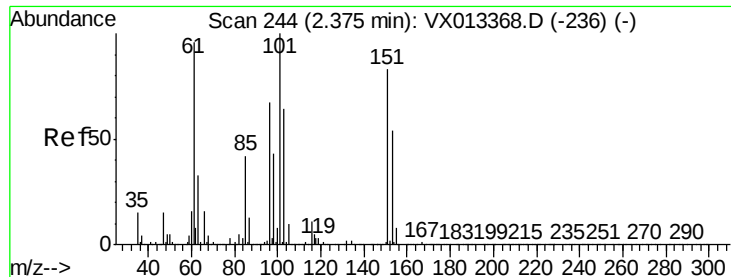


#8

Diethyl Ether
Concen: 17.849 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 74 Resp: 99654
Ion Ratio Lower Upper
74 100
45 96.1 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.460 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

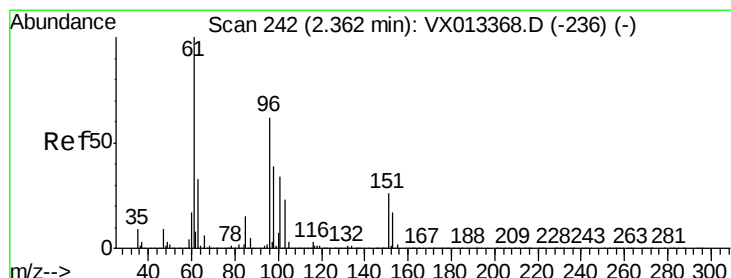
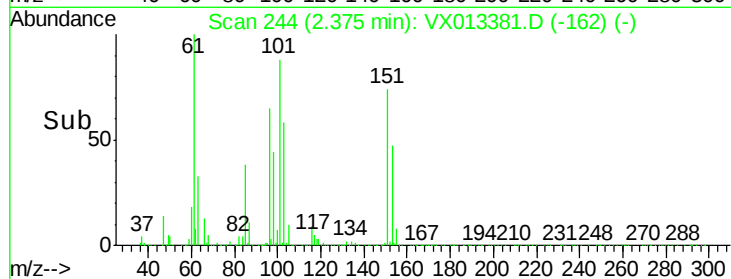
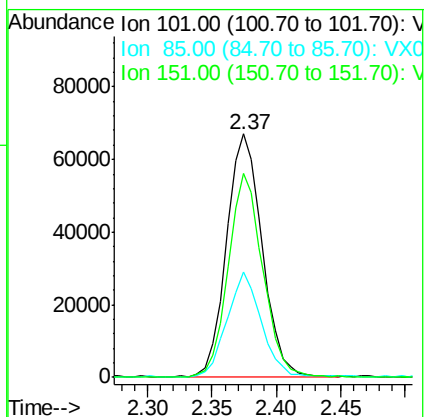
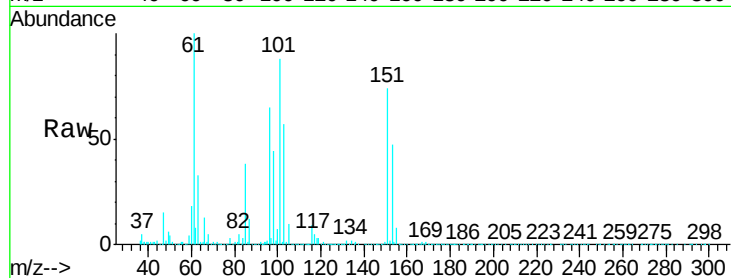
Tgt Ion: 101 Resp: 128451

Ion Ratio Lower Upper

101 100

85 41.3 0.0 83.2

151 81.4 0.0 163.8



#10

1,1-Dichloroethene

Concen: 17.639 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

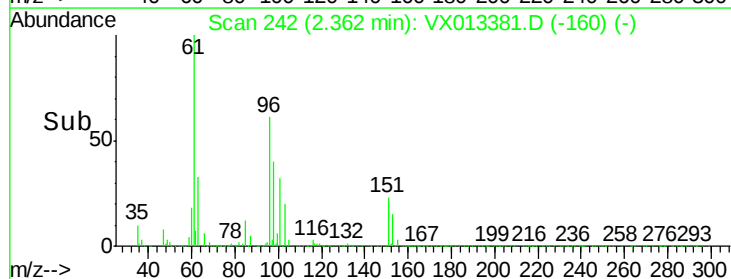
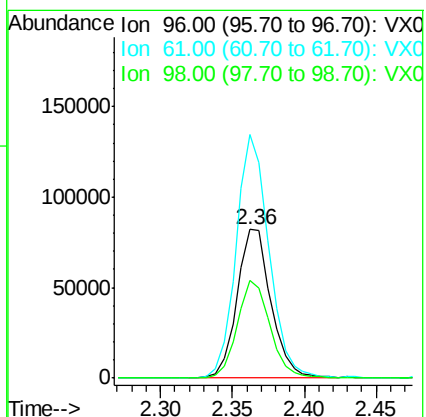
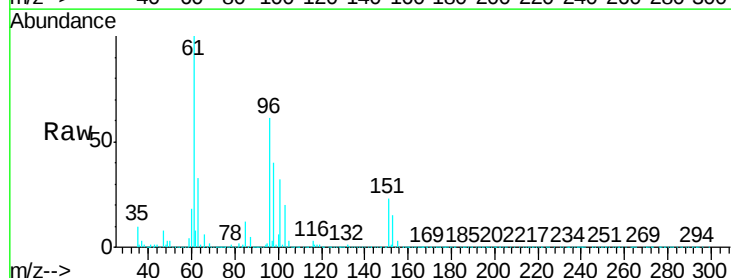
Tgt Ion: 96 Resp: 133355

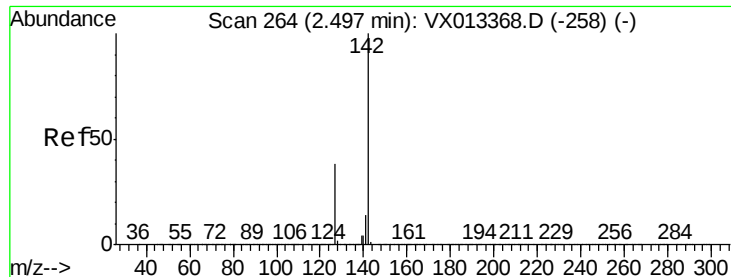
Ion Ratio Lower Upper

96 100

61 163.9 128.9 193.3

98 65.1 49.7 74.5

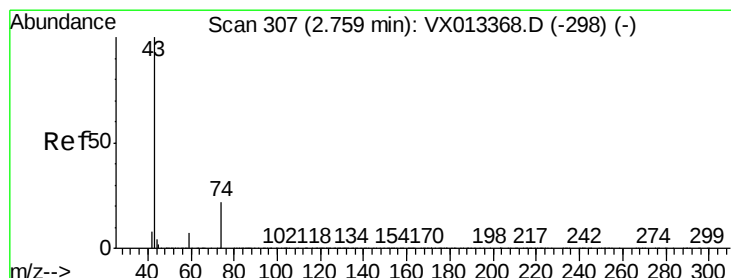
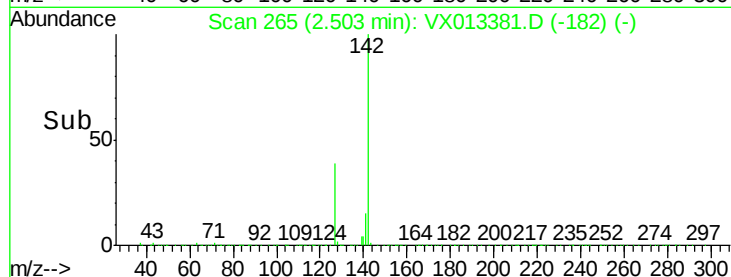
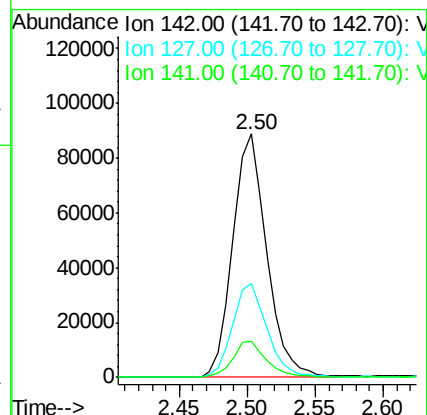
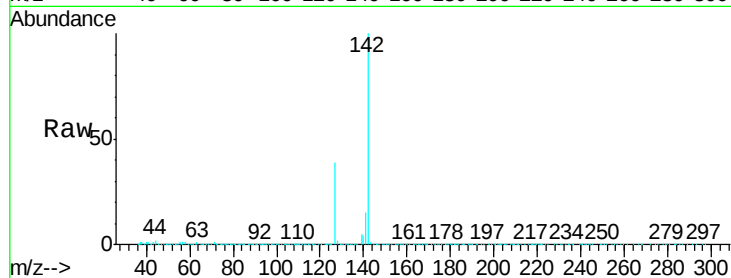




#11
Methyl Iodide
Concen: 16.485 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

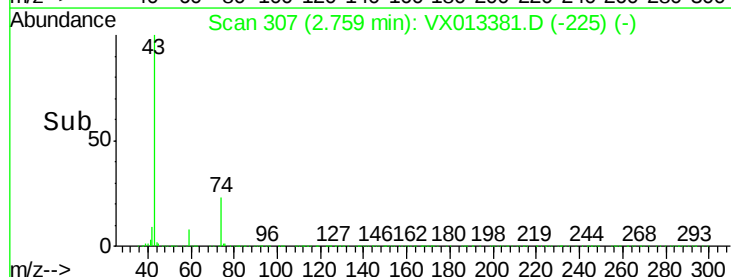
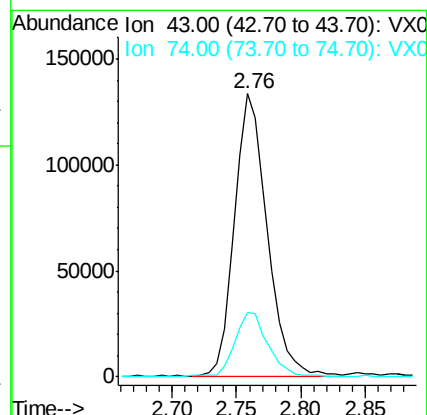
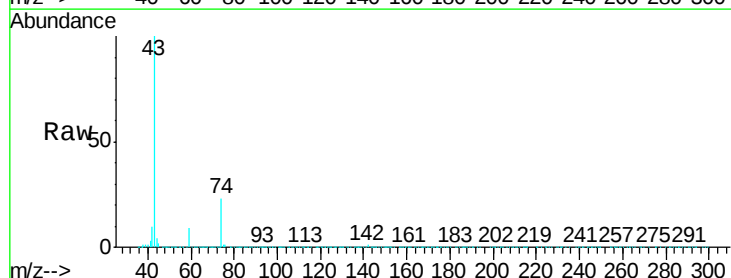
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

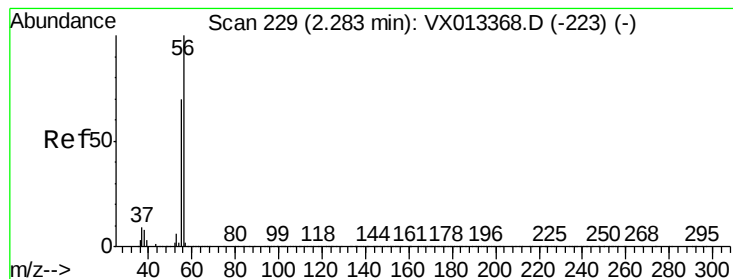
Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.6	19.1	57.5
141	14.5	7.0	21.0



#12
Methyl Acetate
Concen: 17.688 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.0	27.0





#13

Acrolein

Concen: 84.176 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

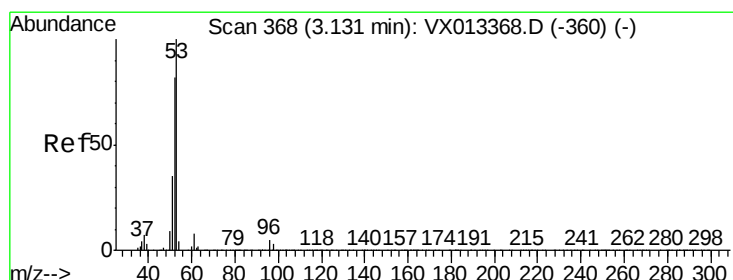
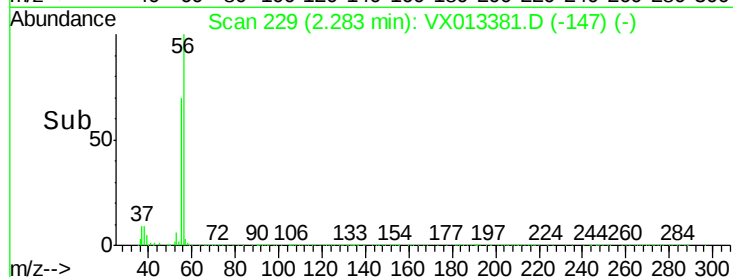
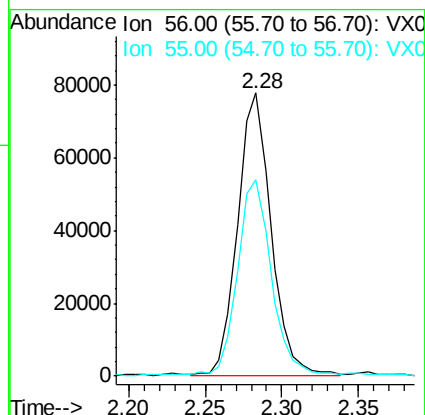
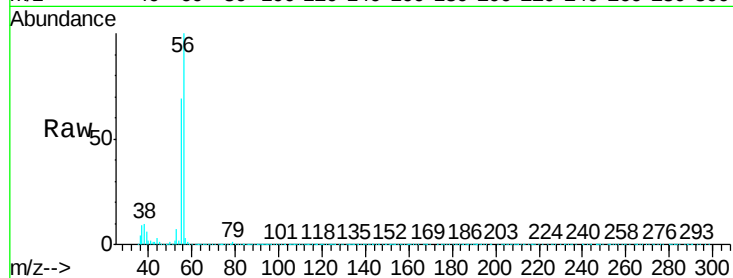
VX1112WBSD01

Tgt Ion: 56 Resp: 118452

Ion Ratio Lower Upper

56 100

55 68.2 55.8 83.8



#14

Acrylonitrile

Concen: 82.292 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

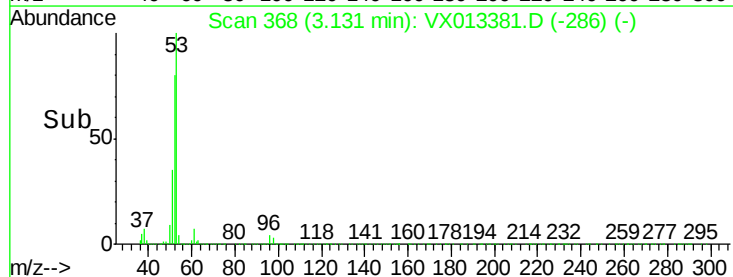
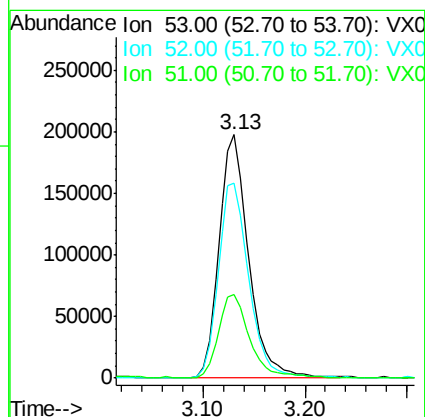
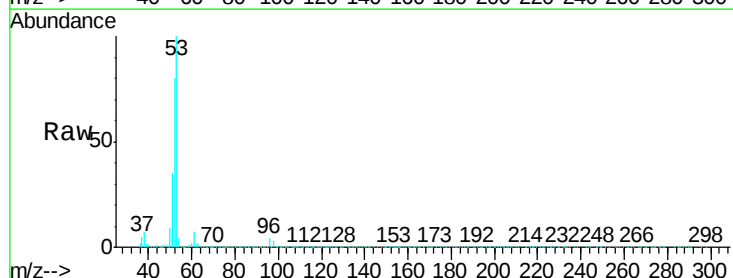
Tgt Ion: 53 Resp: 400882

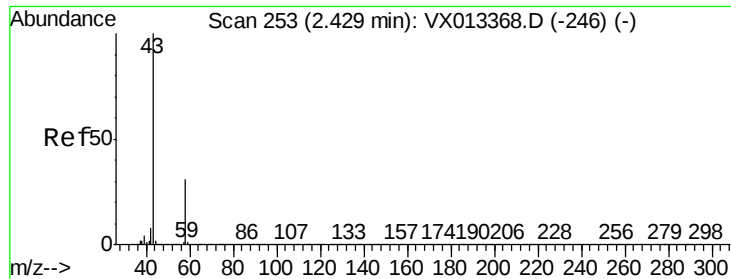
Ion Ratio Lower Upper

53 100

52 82.1 41.0 123.0

51 36.1 17.3 51.9

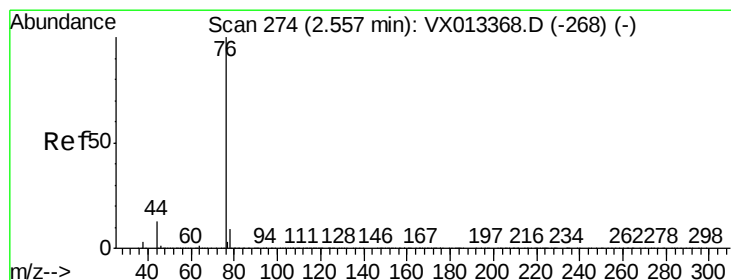
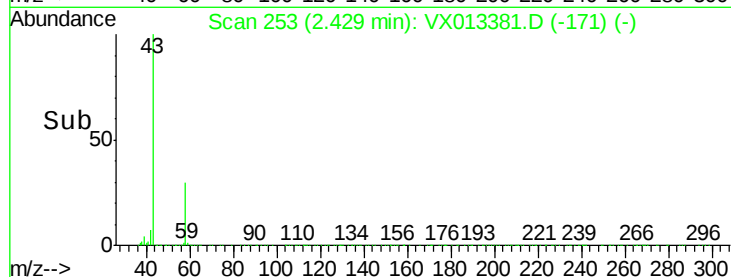
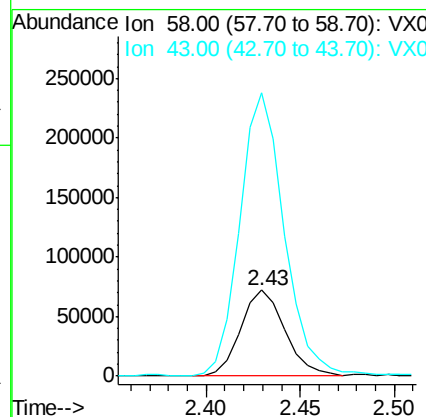
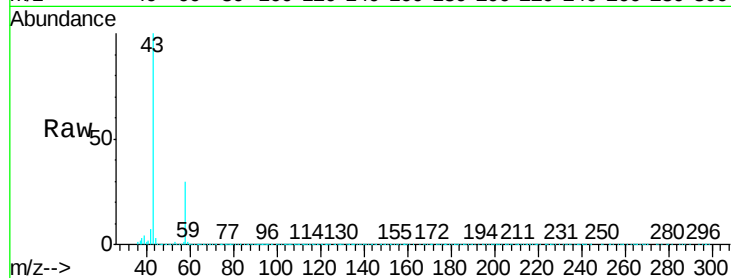




#15
Acetone
Concen: 79.134 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

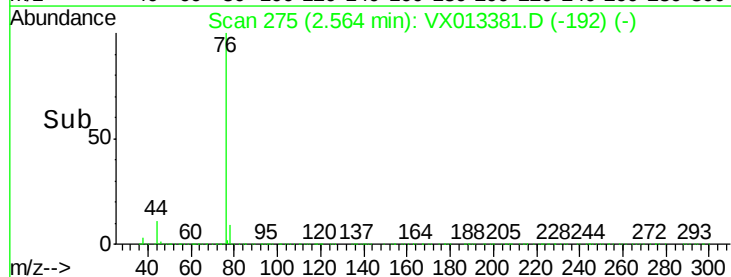
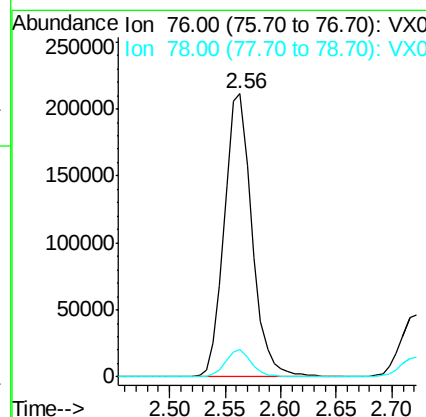
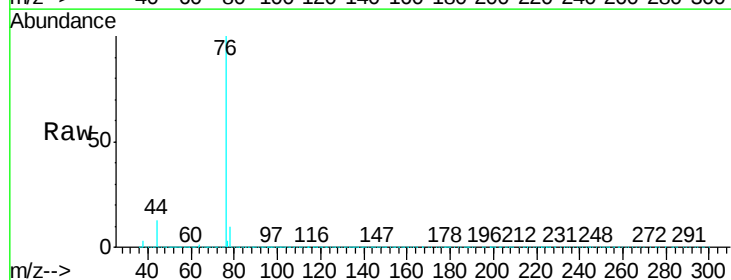
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

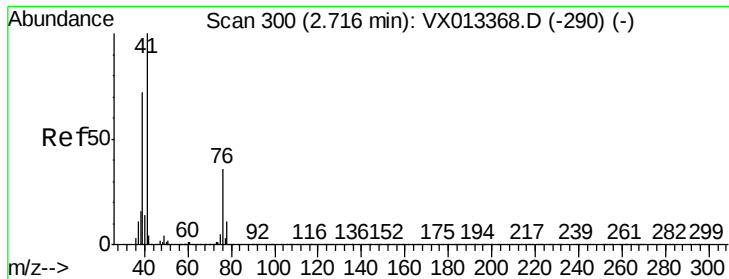
Tgt Ion: 58 Resp: 116755
Ion Ratio Lower Upper
58 100
43 328.9 261.4 392.2



#16
Carbon Disulfide
Concen: 17.237 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 76 Resp: 363469
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

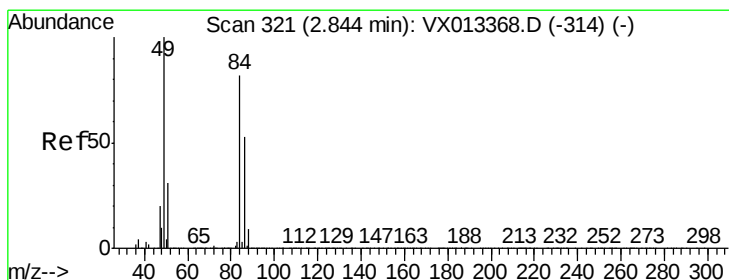
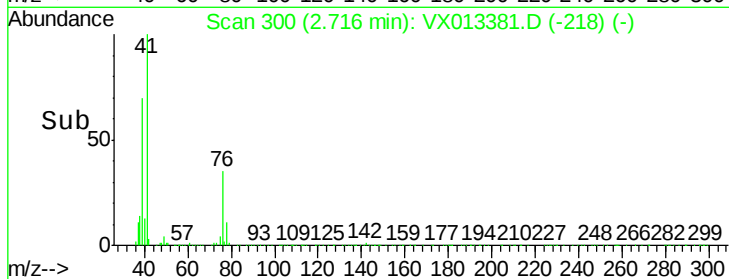
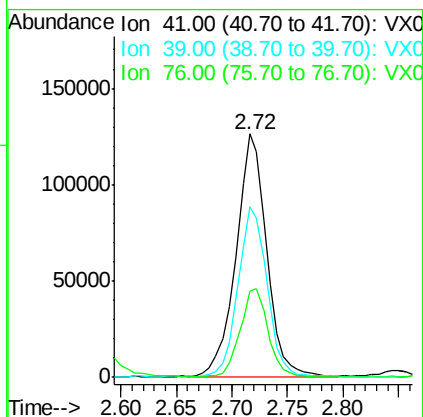
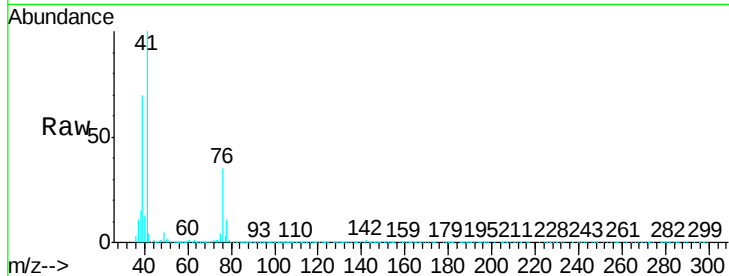




#17
 Allyl chloride
 Concen: 17.192 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

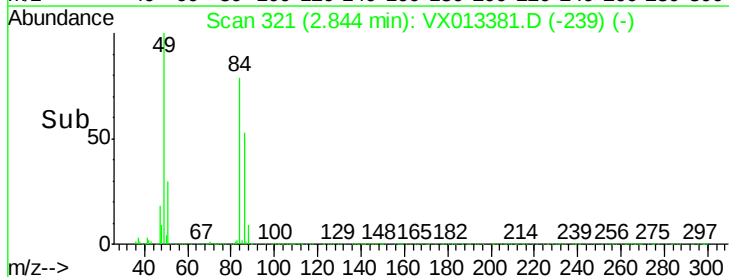
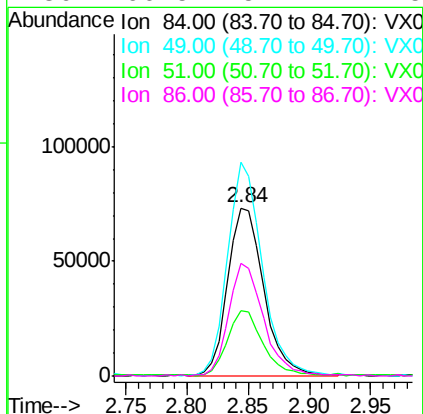
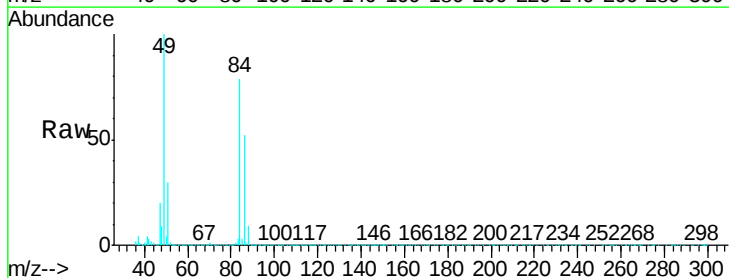
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

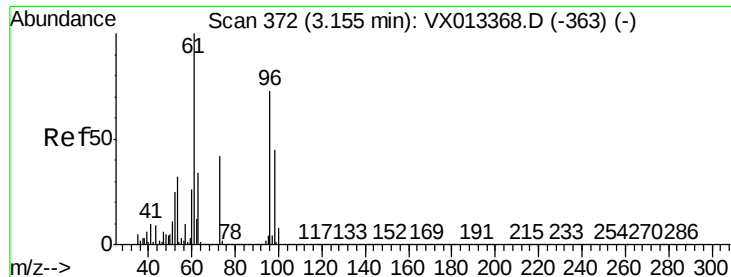
Tgt Ion:	41	Resp:	239351
Ion	Ratio	Lower	Upper
41	100		
39	70.2	36.1	108.3
76	35.1	18.1	54.4



#18
 Methylene Chloride
 Concen: 17.490 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion:	84	Resp:	150025
Ion	Ratio	Lower	Upper
84	100		
49	126.9	96.8	145.2
51	38.3	30.0	45.0
86	66.5	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 17.700 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

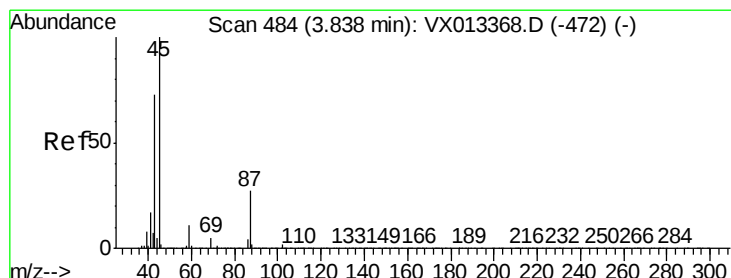
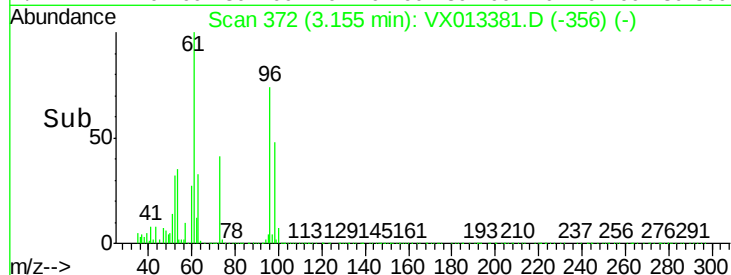
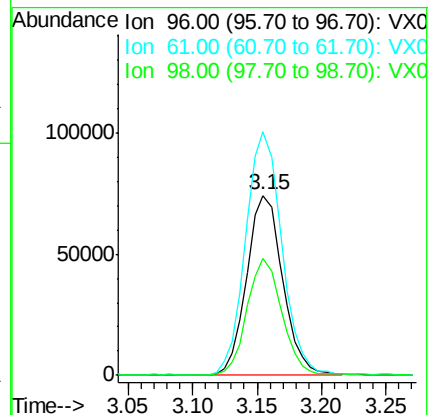
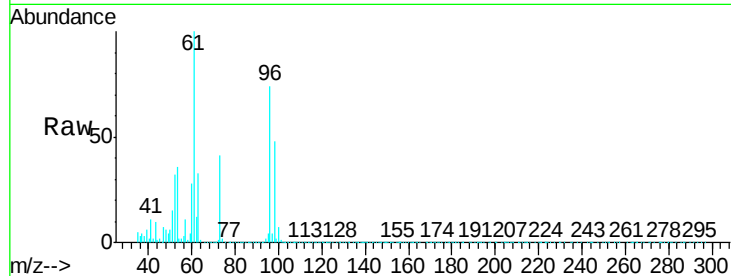
Tgt Ion: 96 Resp: 143013

Ion Ratio Lower Upper

96 100

61 135.3 109.9 164.9

98 64.7 49.7 74.5



#20

Diisopropyl ether

Concen: 17.818 ug/l

RT: 3.84 min Scan# 484

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion: 45 Resp: 477255

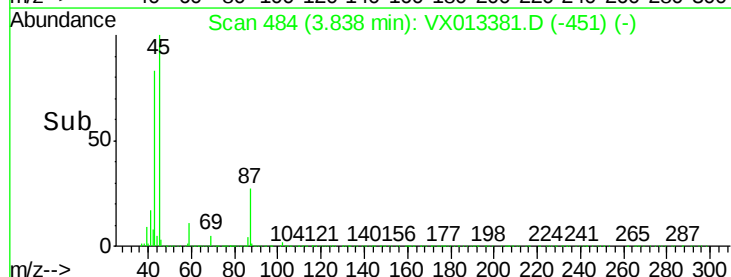
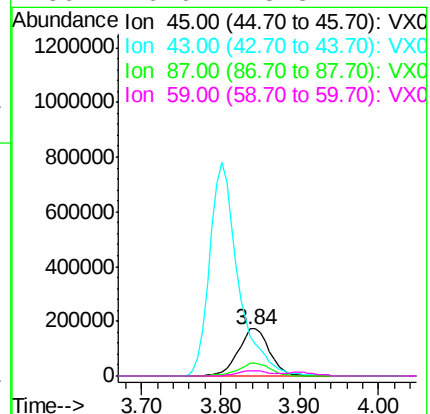
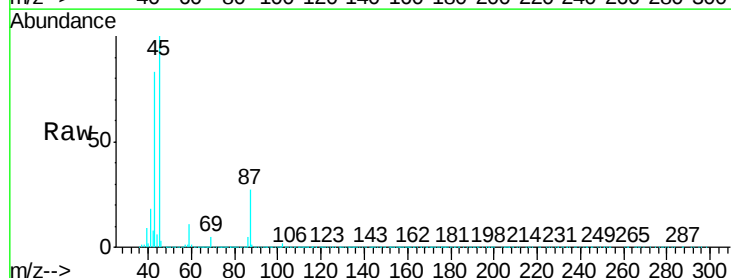
Ion Ratio Lower Upper

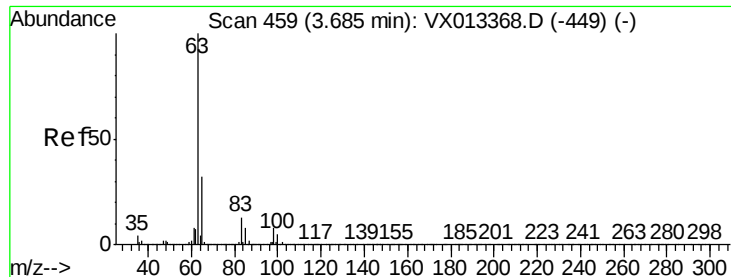
45 100

43 82.4 67.7 101.5

87 26.9 21.5 32.3

59 10.9 8.5 12.7





#21

1,1-Dichloroethane

Concen: 17.816 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

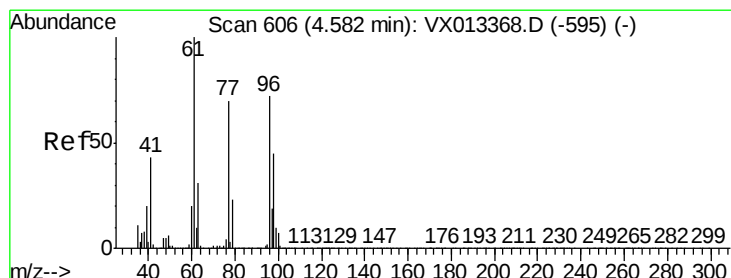
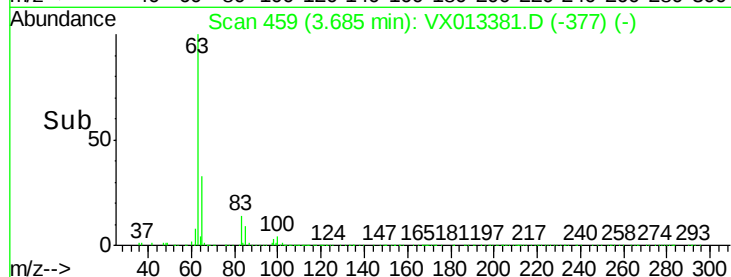
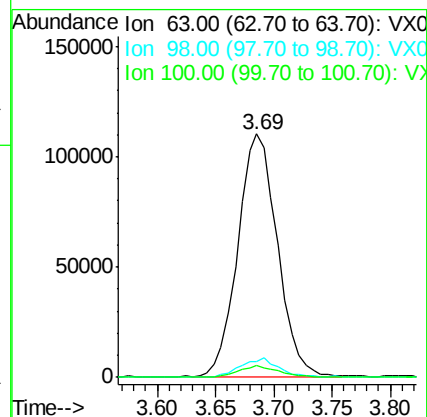
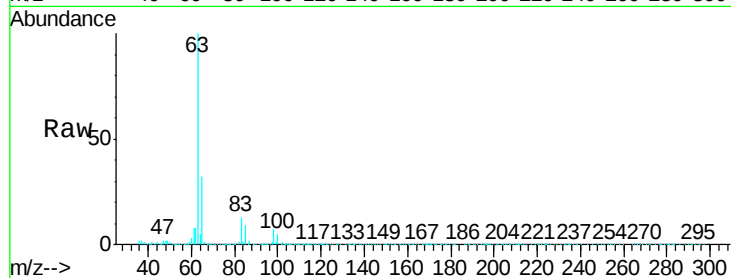
Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tgt Ion:	63	Resp:	259917
Ion	Ratio	Lower	Upper
63	100		
98	6.4	4.0	11.9
100	4.6	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 17.701 ug/l

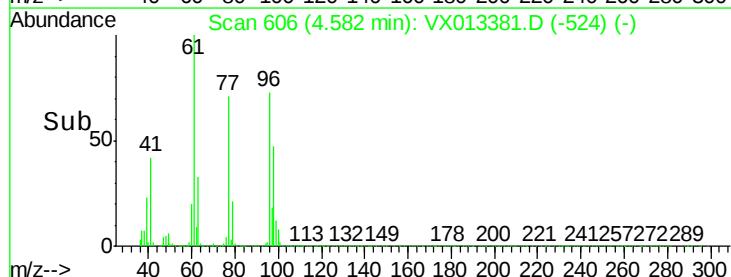
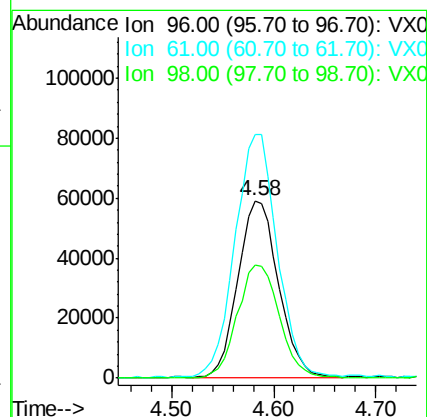
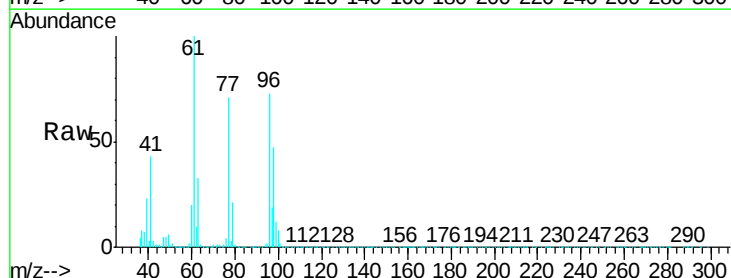
RT: 4.58 min Scan# 606

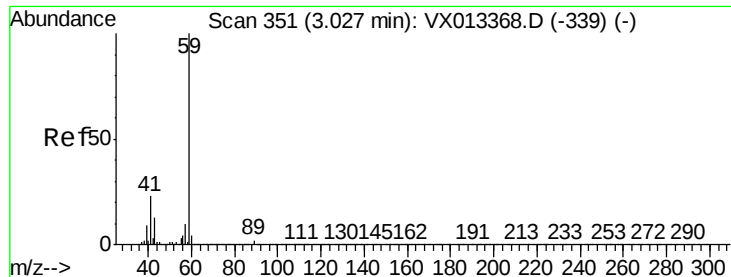
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	96	Resp:	163062
Ion	Ratio	Lower	Upper
96	100		
61	140.8	117.0	175.6
98	65.6	51.1	76.7





#23

tert-Butyl Alcohol

Concen: 81.622 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

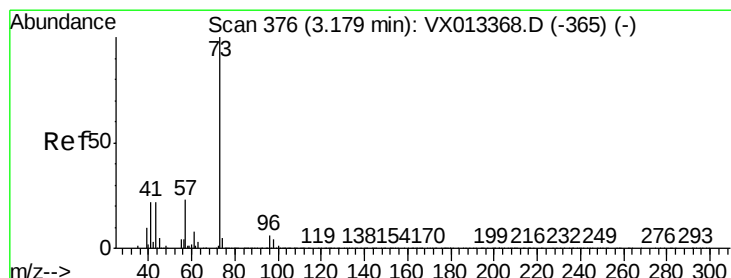
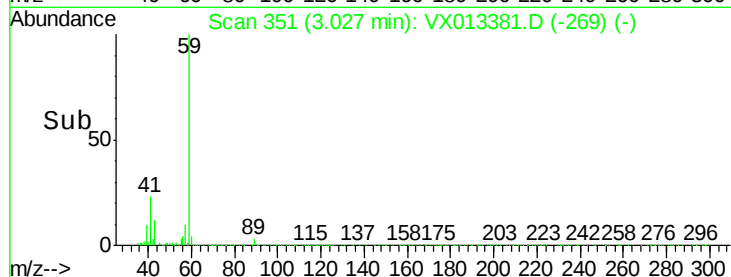
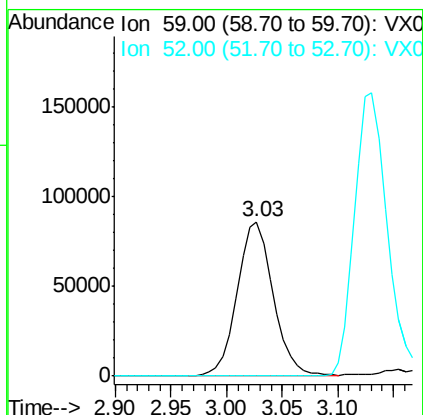
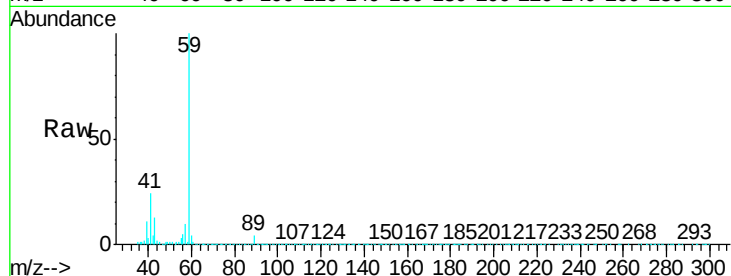
VX1112WBSD01

Tgt Ion: 59 Resp: 191353

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 17.628 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013381.D

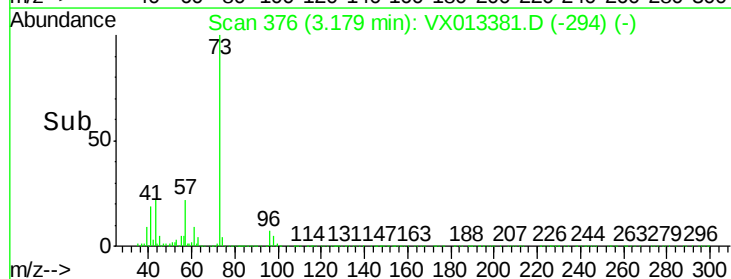
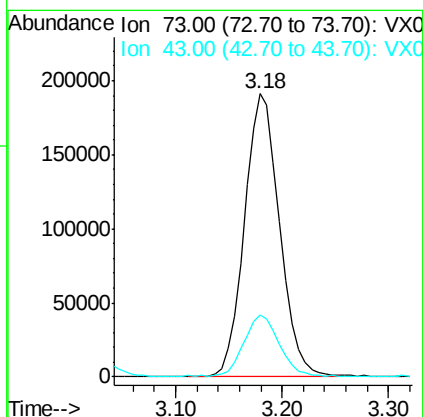
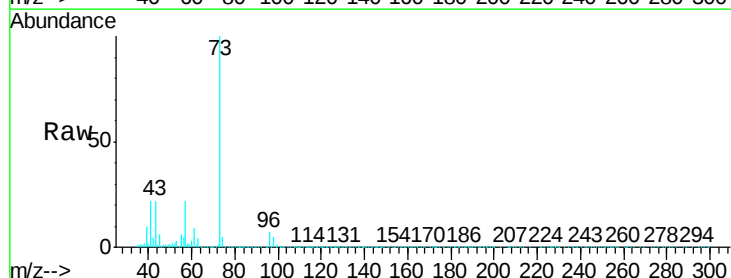
Acq: 12 Nov 2019 13:08

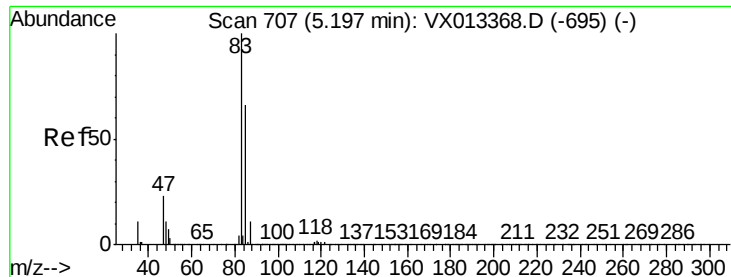
Tgt Ion: 73 Resp: 441075

Ion Ratio Lower Upper

73 100

43 21.9 17.0 25.6





#25

Chloroform

Concen: 18.023 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

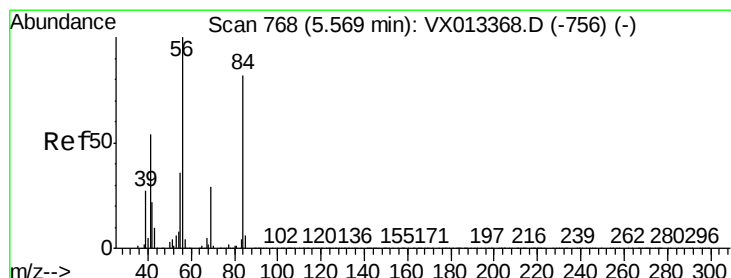
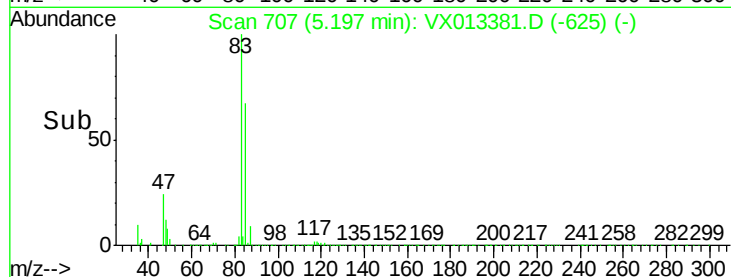
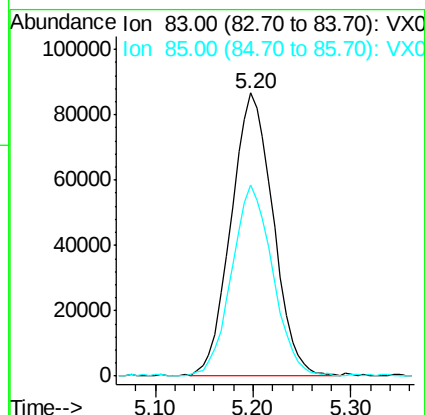
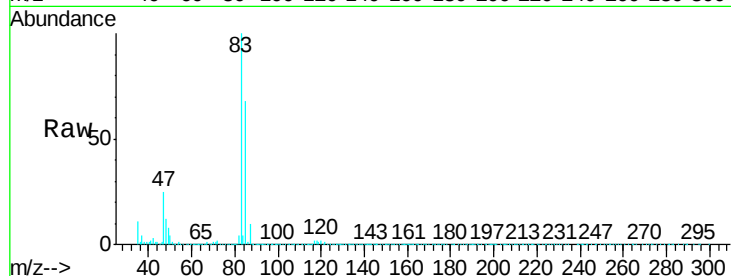
VX1112WBSD01

Tgt Ion: 83 Resp: 257377

Ion Ratio Lower Upper

83 100

85 67.4 52.4 78.6



#26

Cyclohexane

Concen: 17.415 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

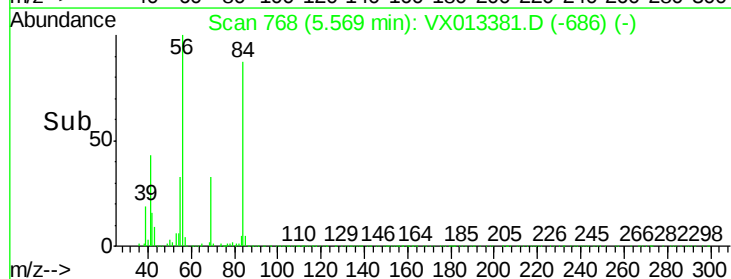
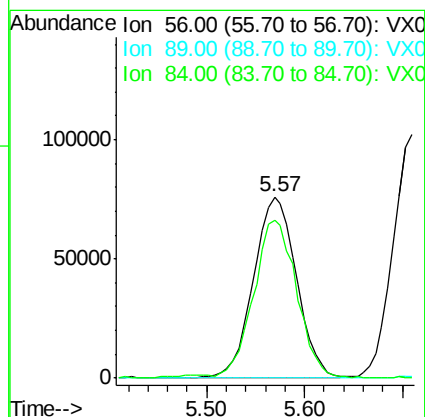
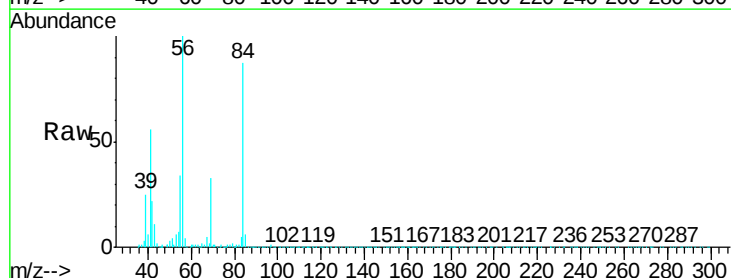
Tgt Ion: 56 Resp: 230723

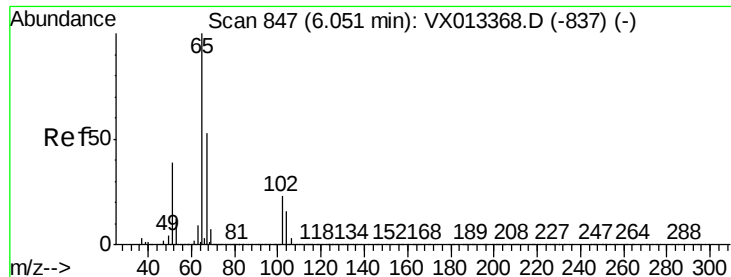
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 87.4 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 29.133 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

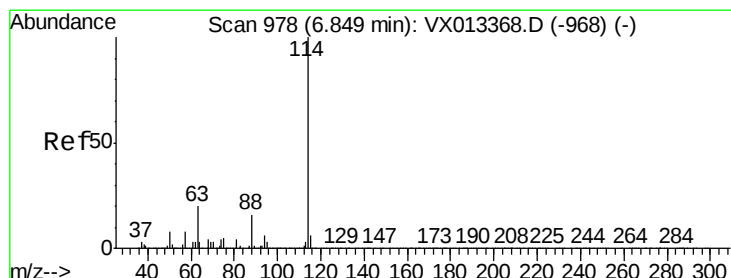
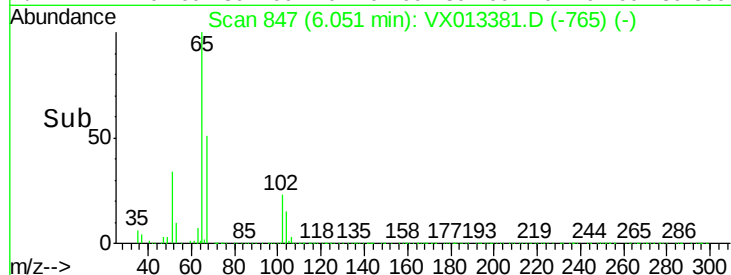
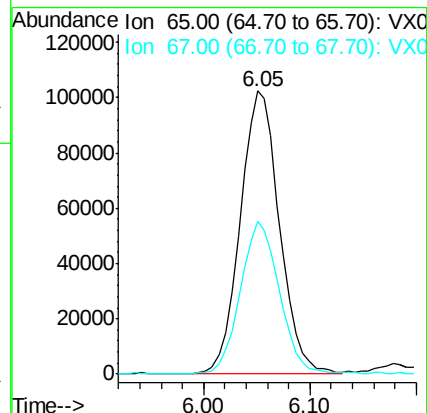
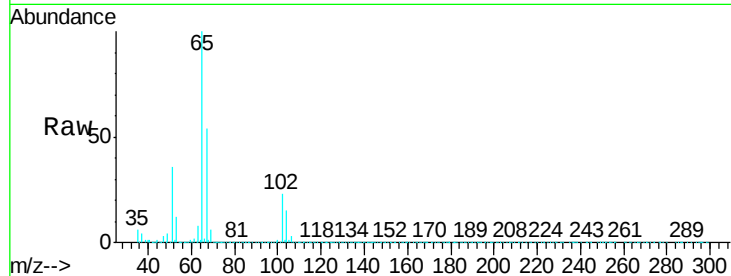
VX1112WBSD01

Tgt Ion: 65 Resp: 263338

Ion Ratio Lower Upper

65 100

67 53.3 41.0 61.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

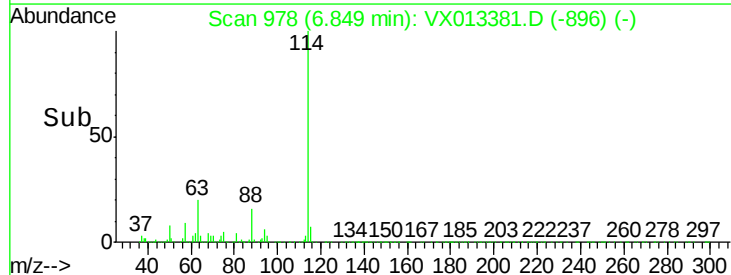
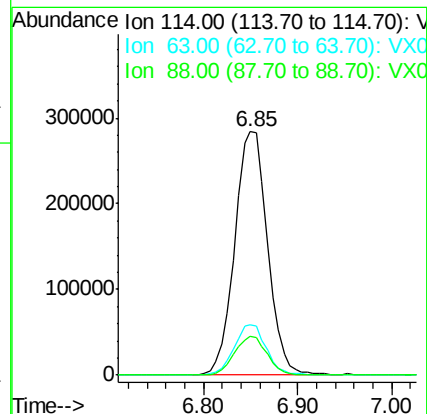
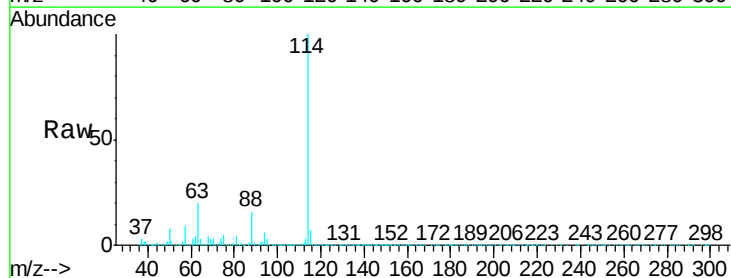
Tgt Ion: 114 Resp: 687720

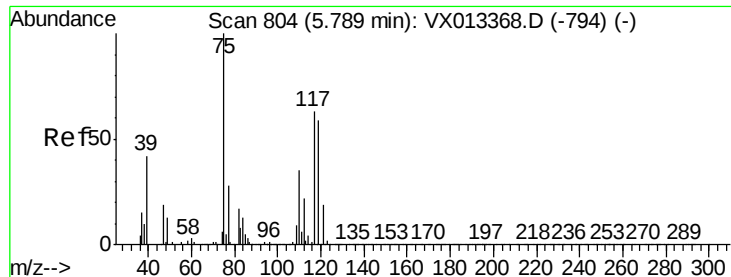
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 15.6 12.3 18.5

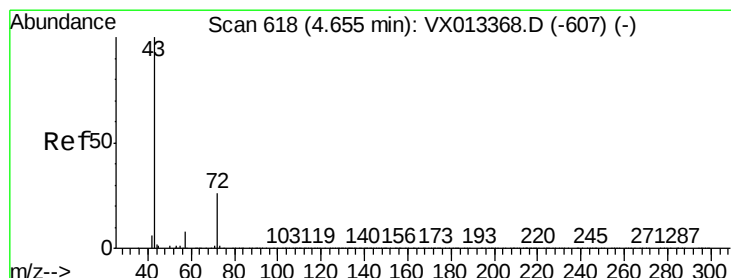
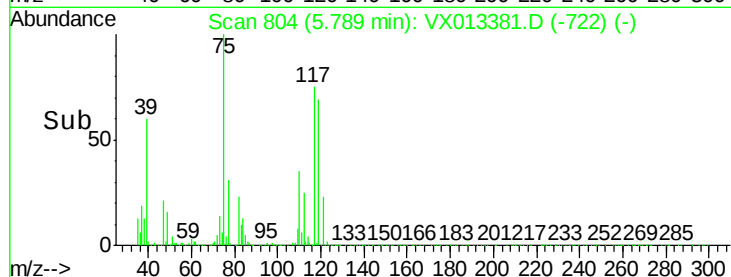
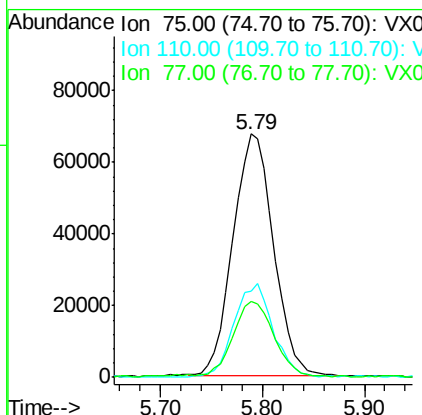
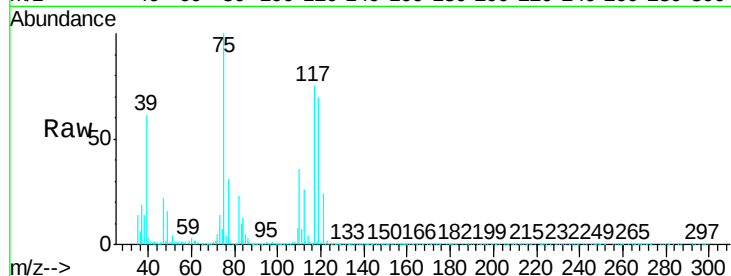




#29
 1,1-Dichloropropene
 Concen: 17.792 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

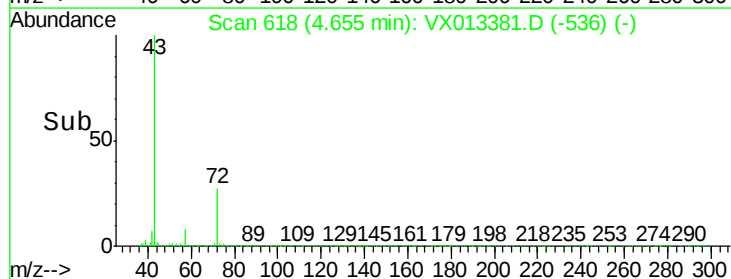
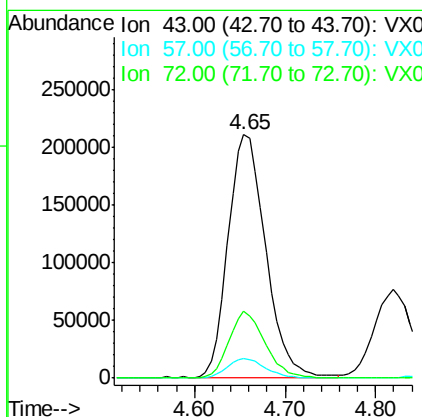
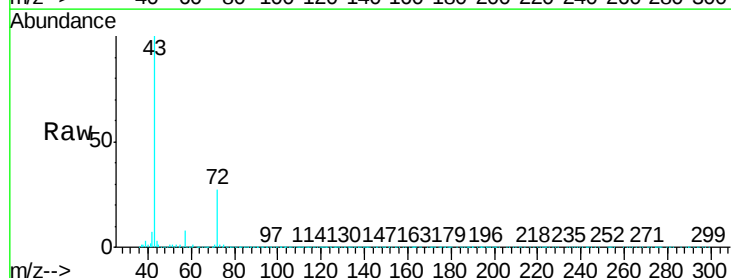
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

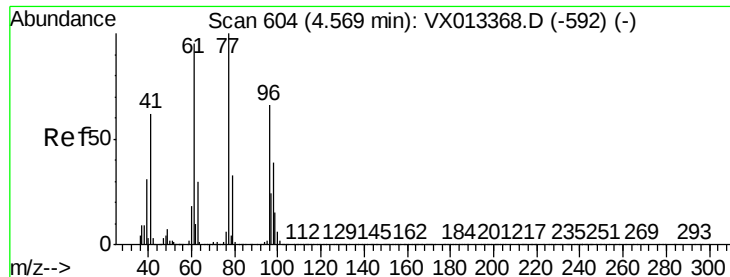
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	74.6
77	31.4	0.0	62.6



#30
 2-Butanone
 Concen: 86.793 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.1	9.1
72	25.6	20.5	30.7





#31

2,2-Dichloropropane

Concen: 17.520 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

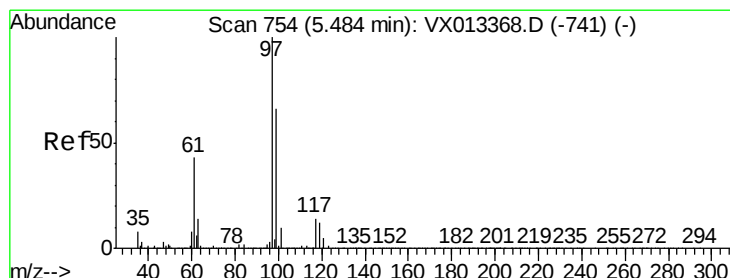
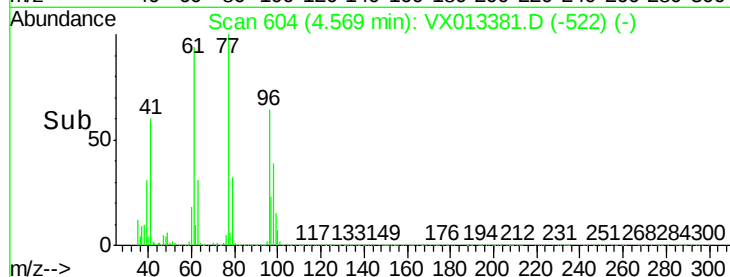
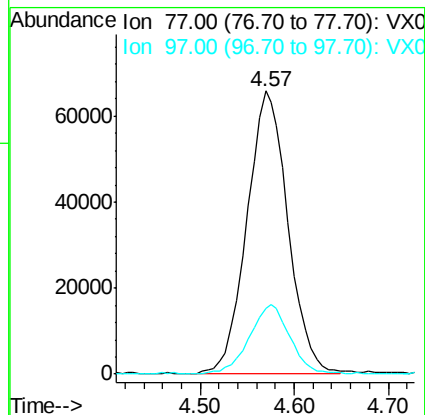
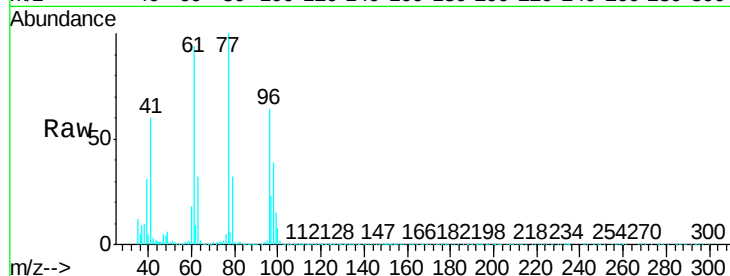
VX1112WBSD01

Tgt Ion: 77 Resp: 199309

Ion Ratio Lower Upper

77 100

97 24.2 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.194 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

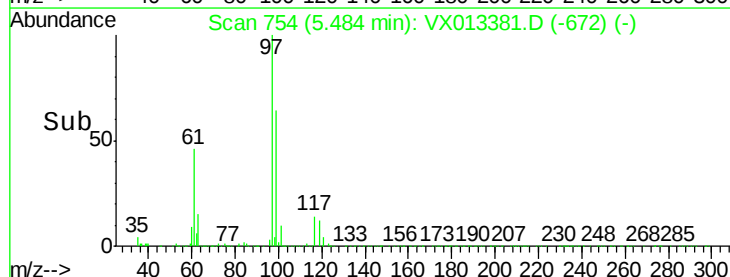
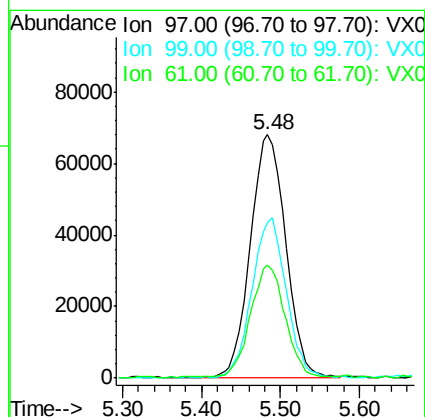
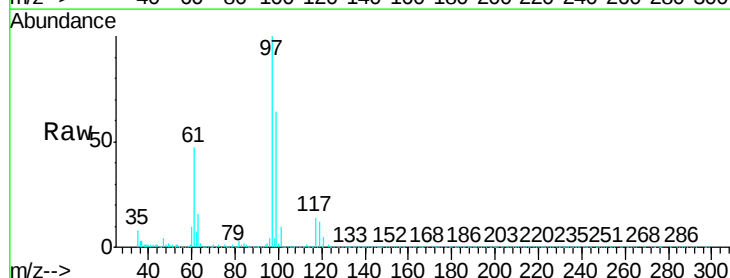
Tgt Ion: 97 Resp: 212416

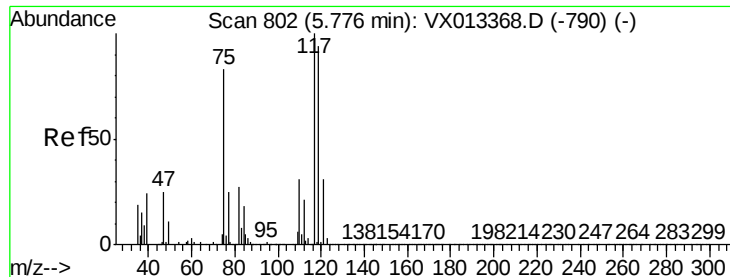
Ion Ratio Lower Upper

97 100

99 63.3 52.5 78.7

61 45.2 36.1 54.1

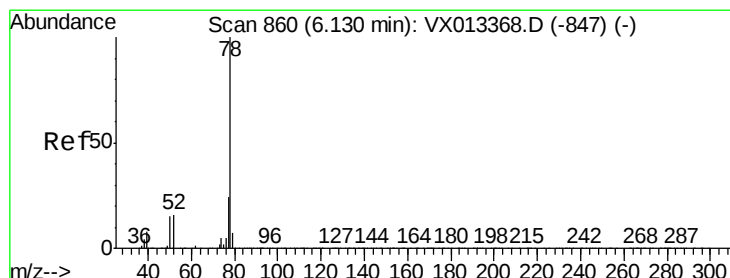
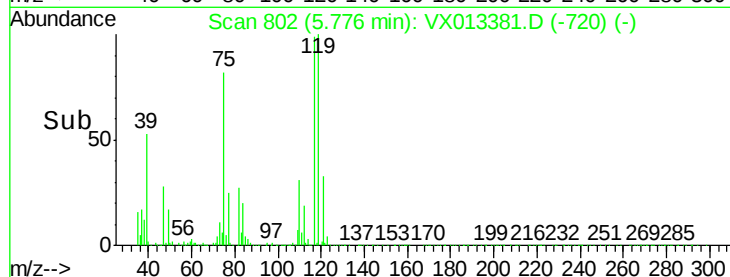
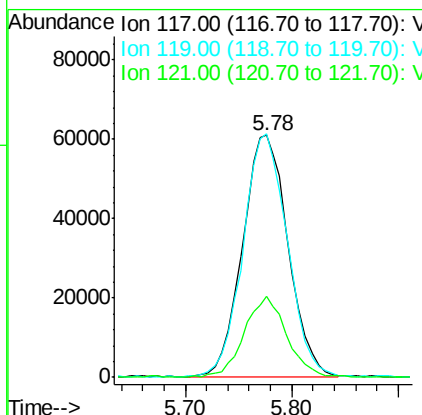
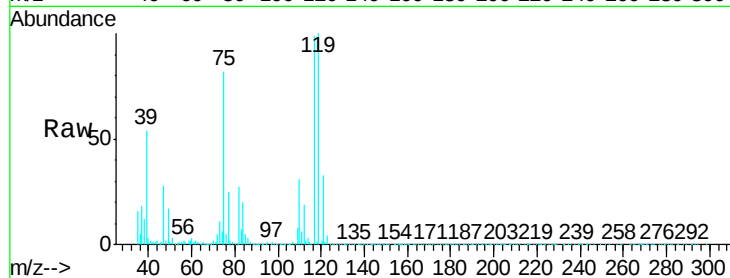




#33
Carbon Tetrachloride
Concen: 18.049 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

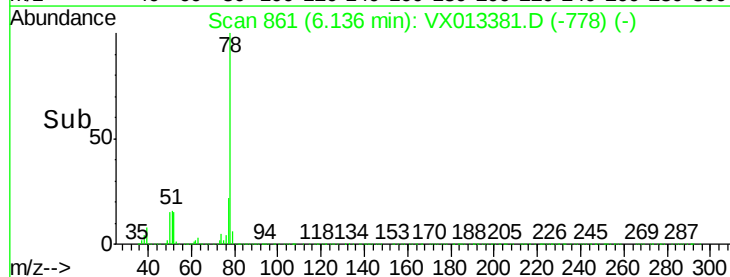
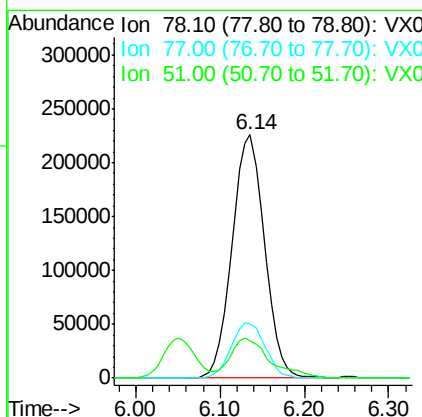
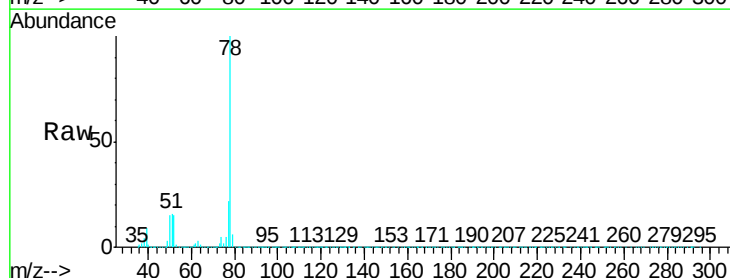
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

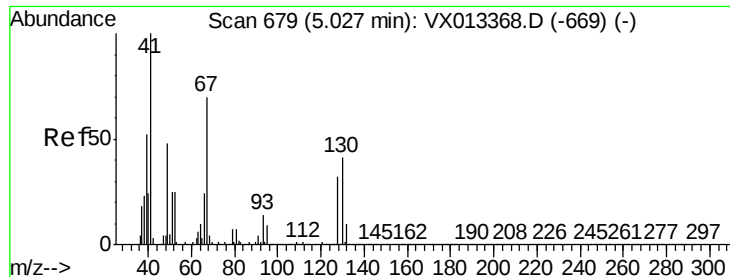
Tgt Ion:117 Resp: 183036
Ion Ratio Lower Upper
117 100
119 100.5 75.0 112.6
121 33.3 24.9 37.3



#34
Benzene
Concen: 18.428 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 78 Resp: 587148
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9
51 15.5 12.2 18.4

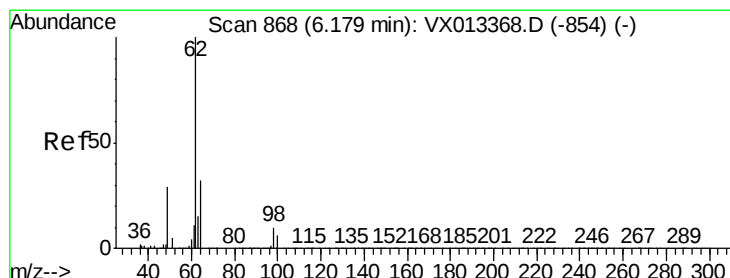
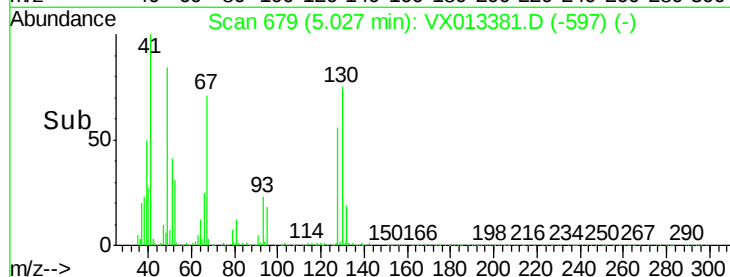
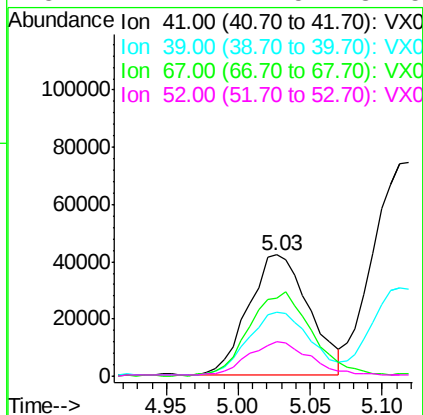
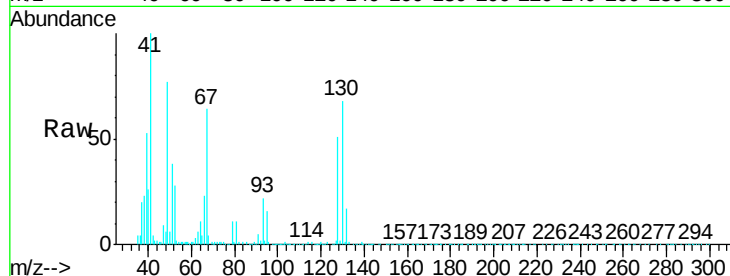




#35
Methacrylonitrile
Concen: 17.707 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

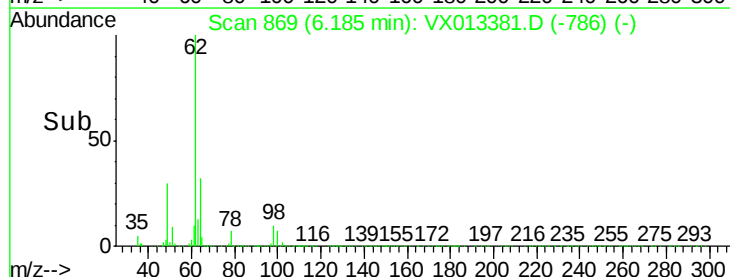
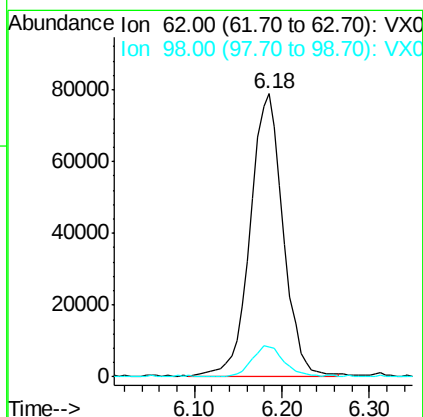
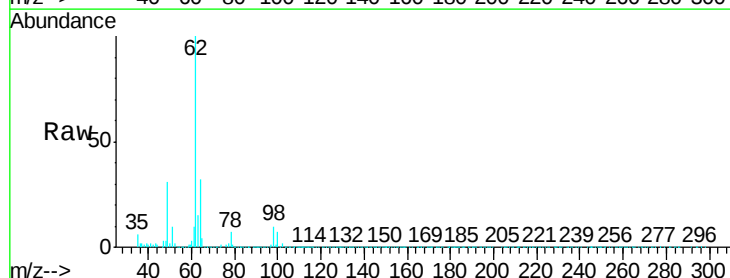
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

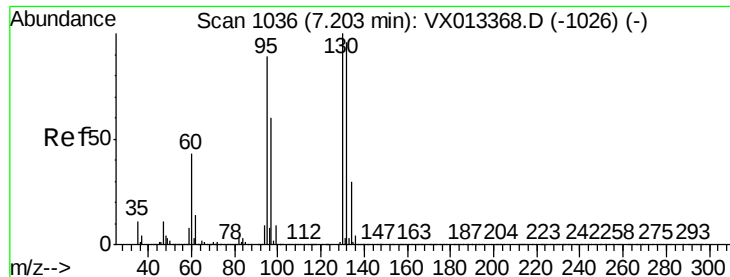
Tgt Ion:	41	Resp:	122599
Ion	Ratio	Lower	Upper
41	100		
39	51.8	25.9	77.8
67	64.5	35.1	105.5
52	27.7	12.5	37.5



#36
1,2-Dichloroethane
Concen: 18.277 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion:	62	Resp:	203834
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.2	12.2





#37

Trichloroethene

Concen: 17.931 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

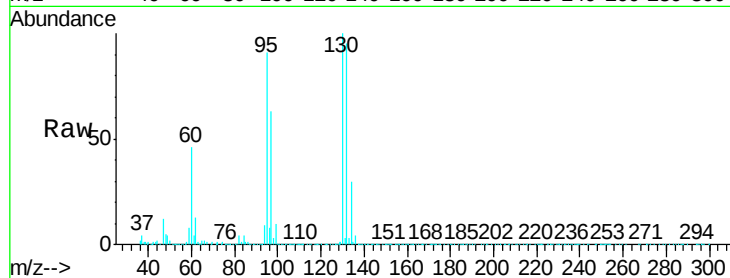
VX1112WBSD01

Tgt Ion:130 Resp: 153052

Ion Ratio Lower Upper

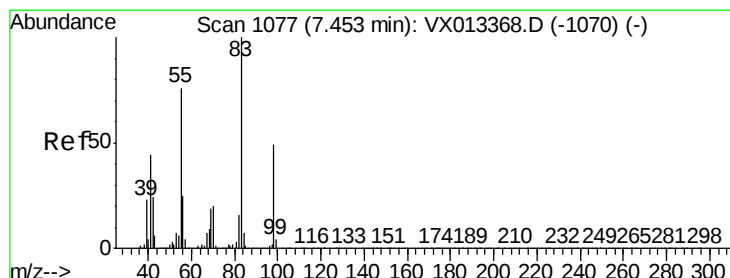
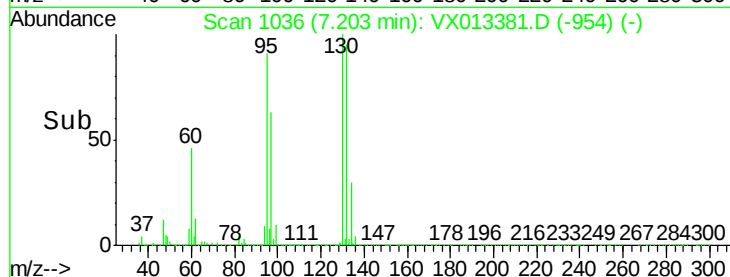
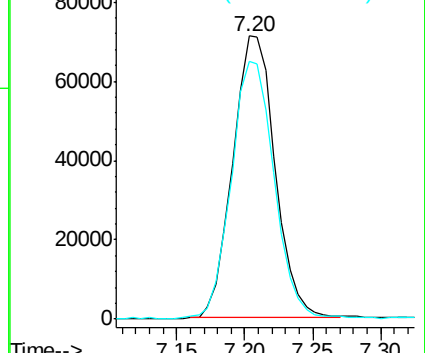
130 100

95 90.8 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.700 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

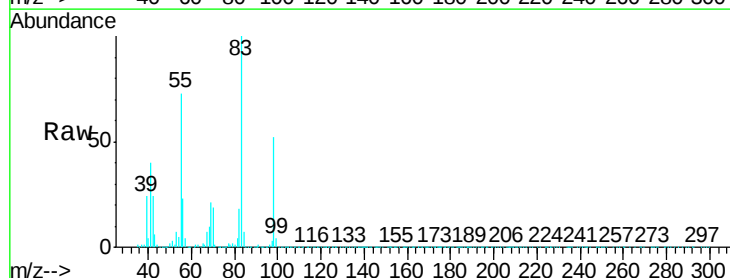
Tgt Ion: 83 Resp: 227974

Ion Ratio Lower Upper

83 100

55 76.6 37.9 113.7

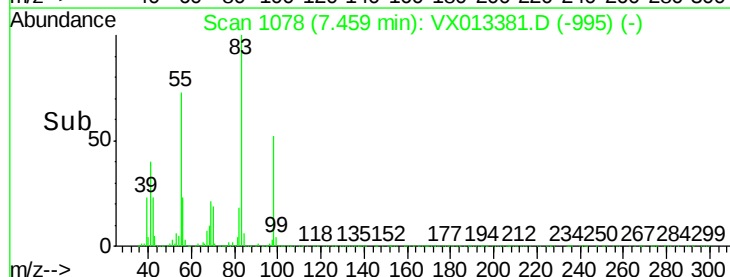
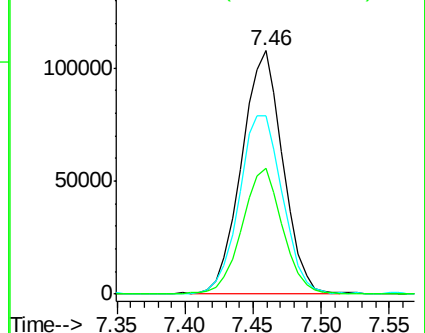
98 51.0 25.1 75.3

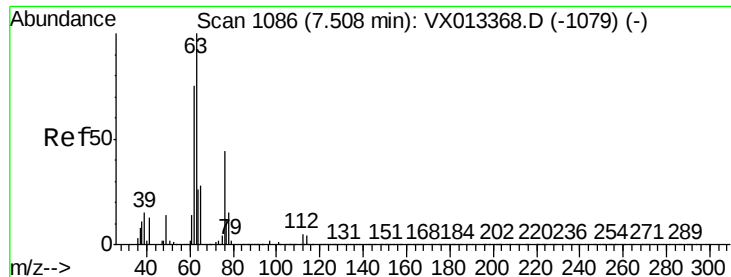


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.654 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

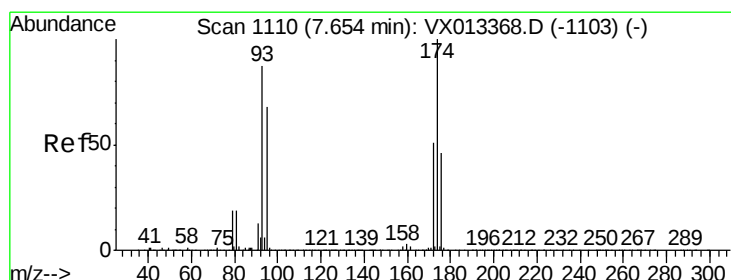
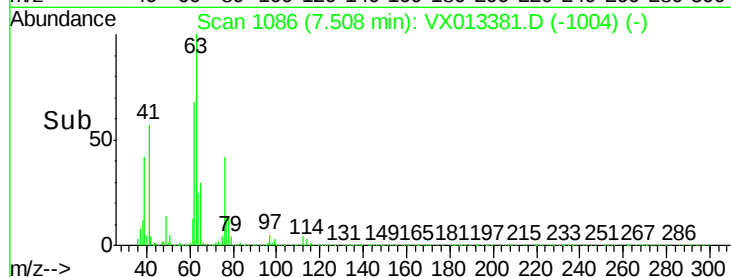
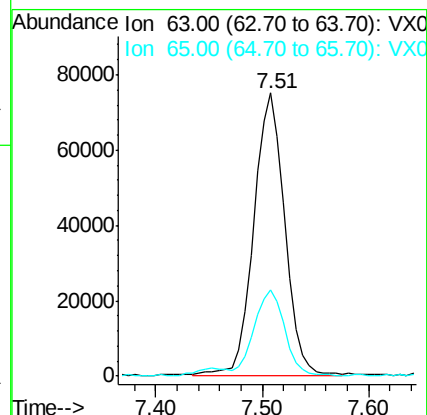
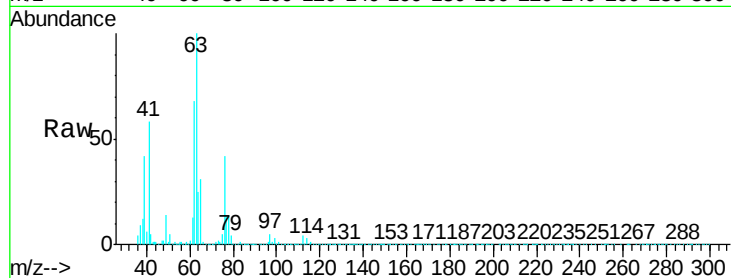
VX1112WBSD01

Tgt Ion: 63 Resp: 153676

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8



#40

Dibromomethane

Concen: 17.759 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

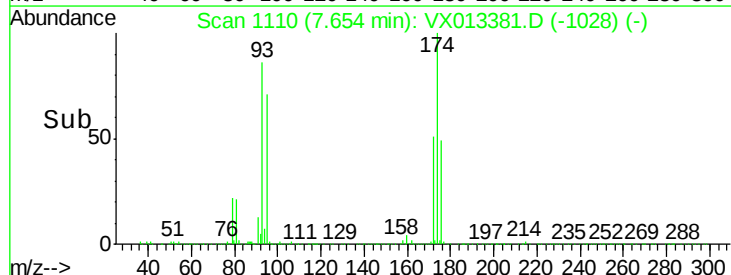
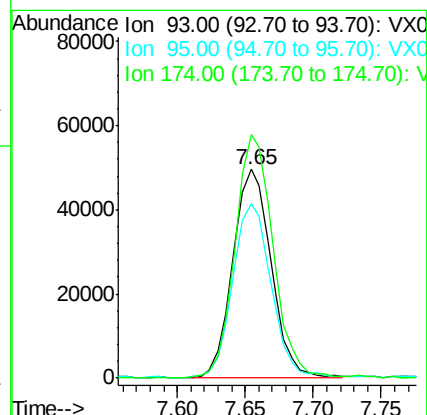
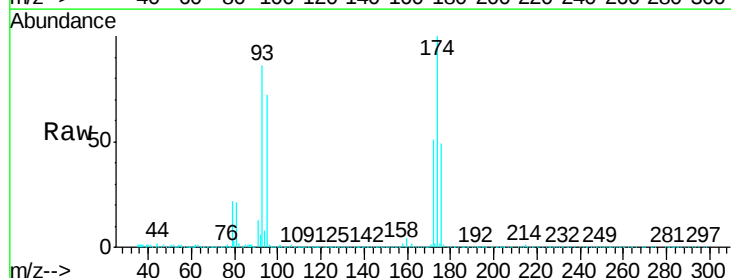
Tgt Ion: 93 Resp: 97366

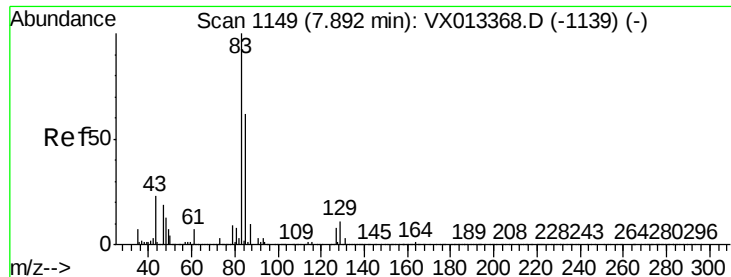
Ion Ratio Lower Upper

93 100

95 83.5 0.0 160.8

174 115.1 0.0 228.8





#41

Bromodichloromethane

Concen: 17.759 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

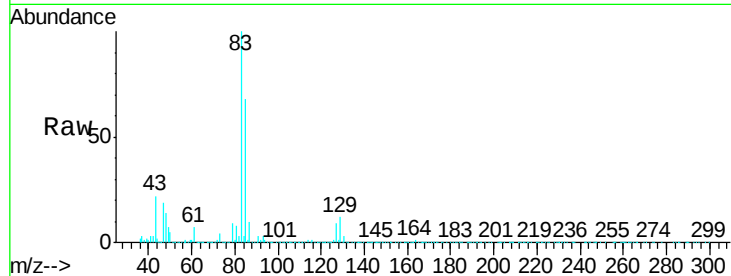
Tgt Ion: 83 Resp: 190065

Ion Ratio Lower Upper

83 100

85 67.6 49.3 73.9

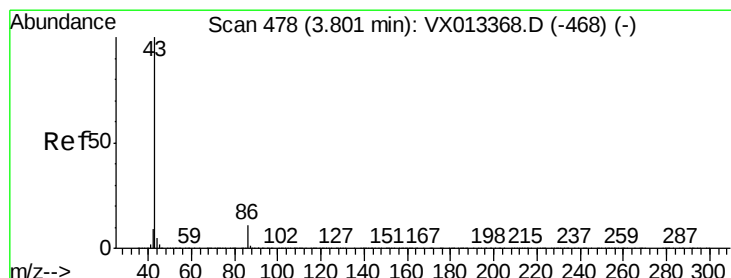
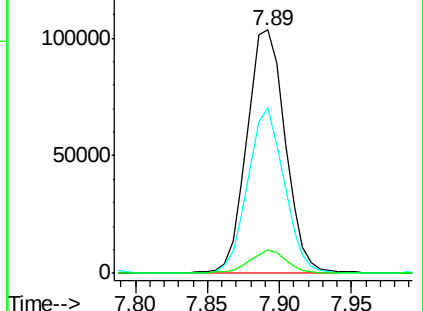
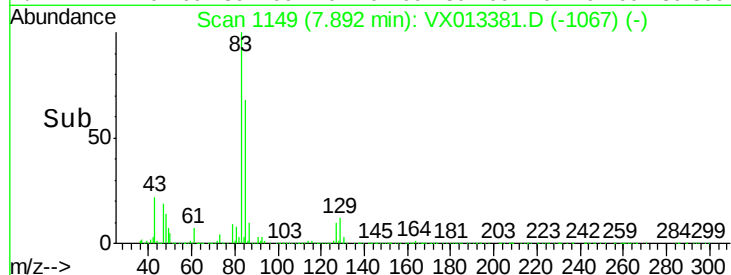
127 9.3 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 90.280 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013381.D

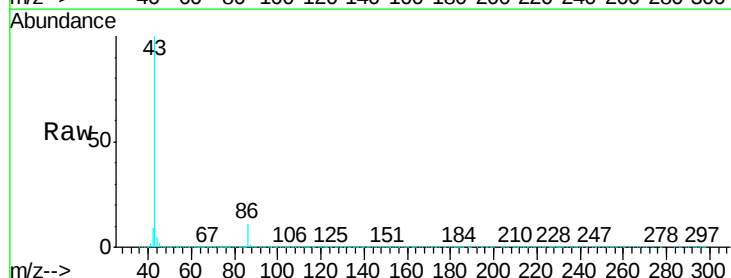
Acq: 12 Nov 2019 13:08

Tgt Ion: 43 Resp: 1970687

Ion Ratio Lower Upper

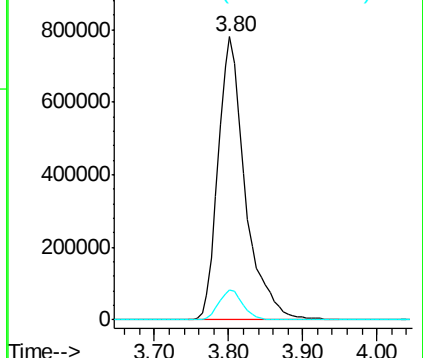
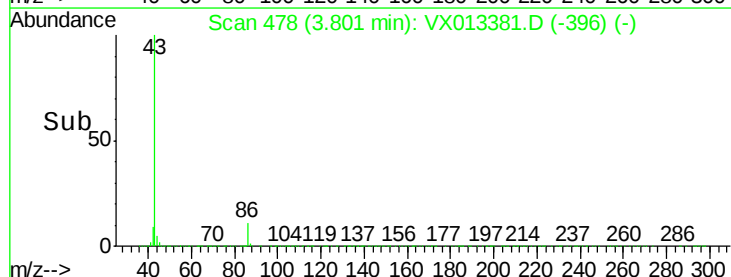
43 100

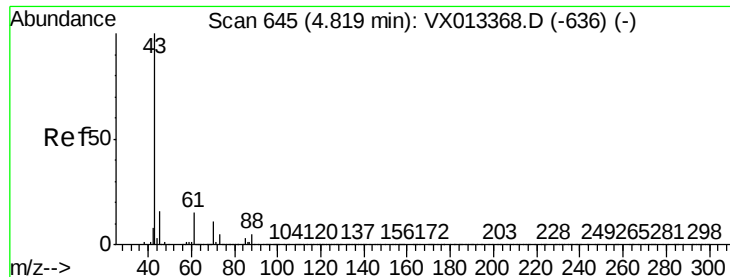
86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

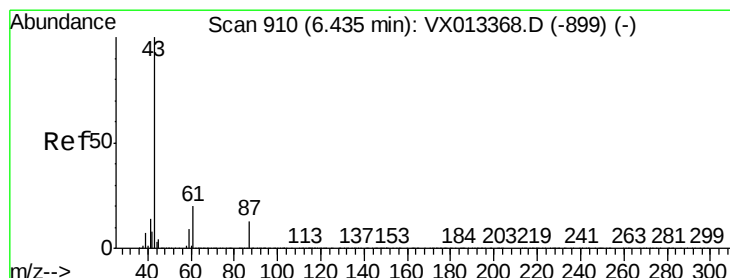
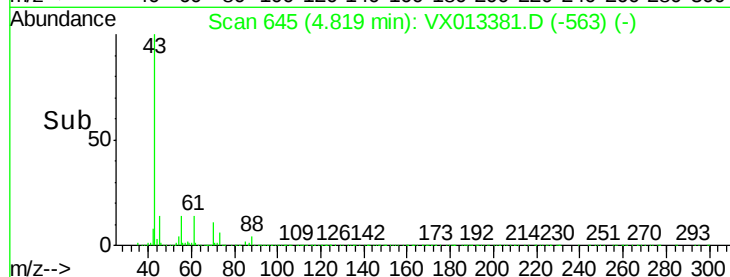
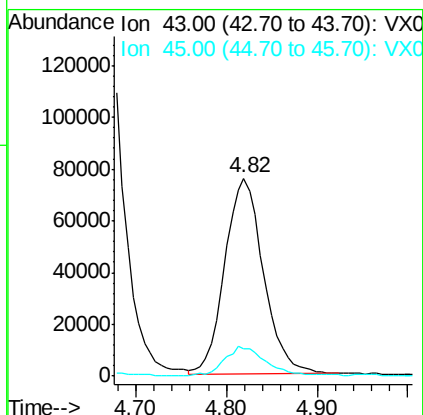
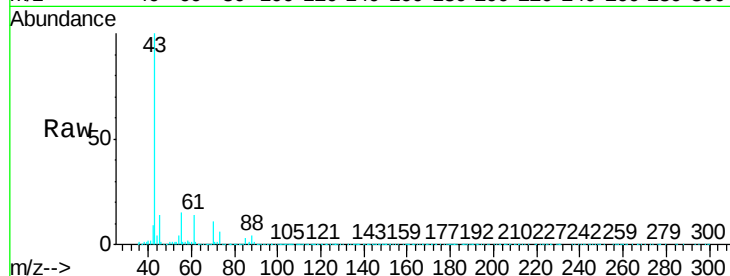




#43
Ethyl Acetate
Concen: 17.615 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

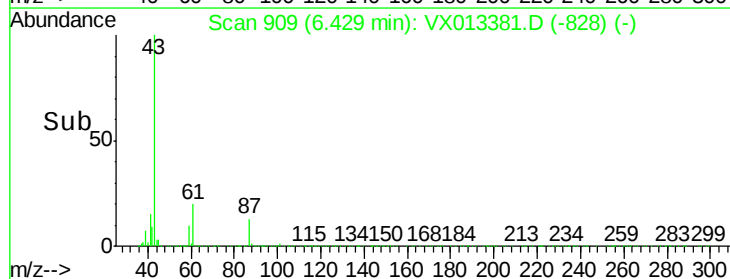
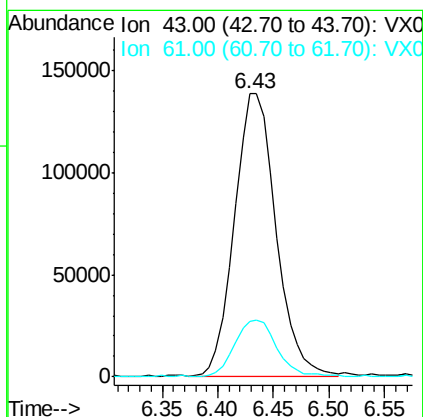
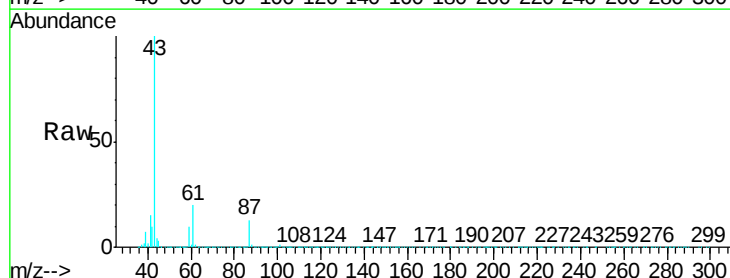
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

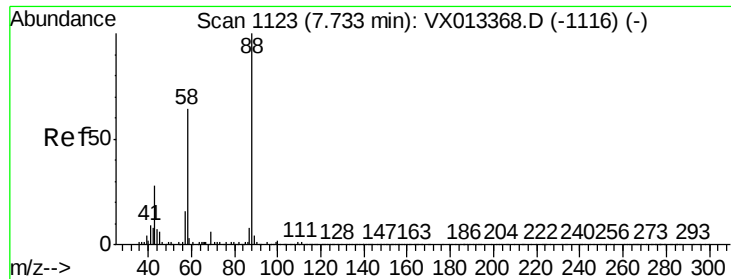
Tgt Ion: 43 Resp: 222747
Ion Ratio Lower Upper
43 100
45 14.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 17.625 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 43 Resp: 358269
Ion Ratio Lower Upper
43 100
61 20.4 15.8 23.8





#45

1,4-Dioxane

Concen: 352.947 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

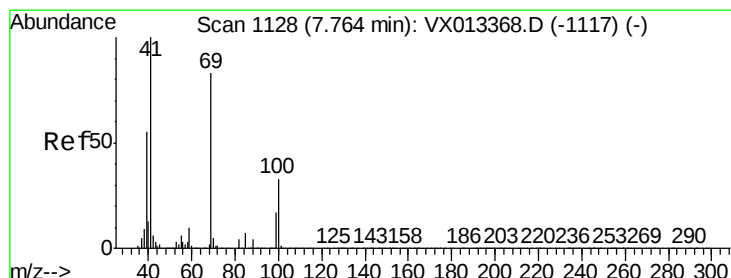
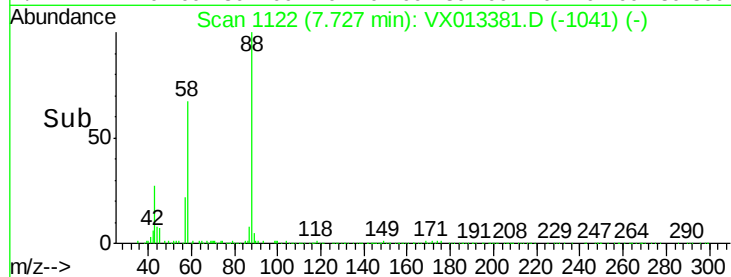
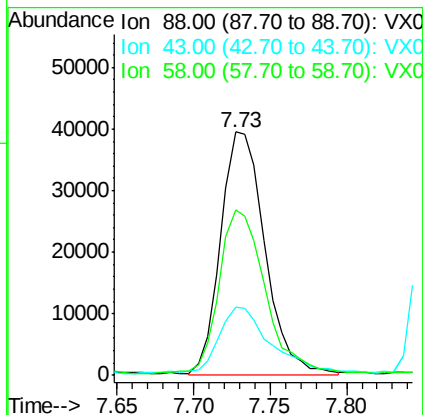
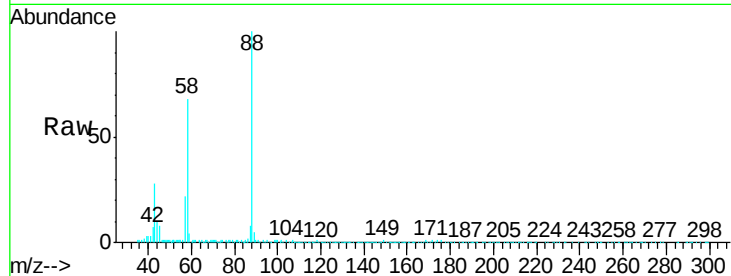
Tgt Ion: 88 Resp: 79208

Ion Ratio Lower Upper

88 100

43 31.1 26.1 39.1

58 71.2 55.8 83.8



#46

Methyl methacrylate

Concen: 17.370 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

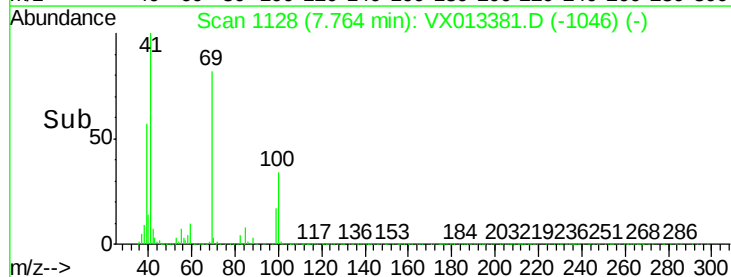
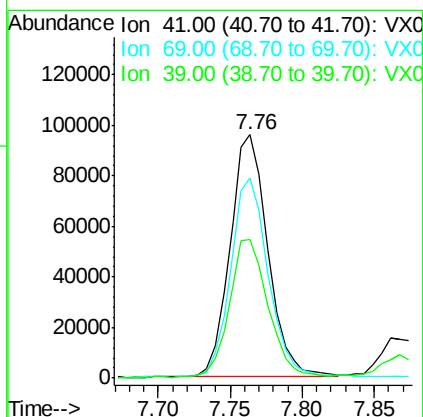
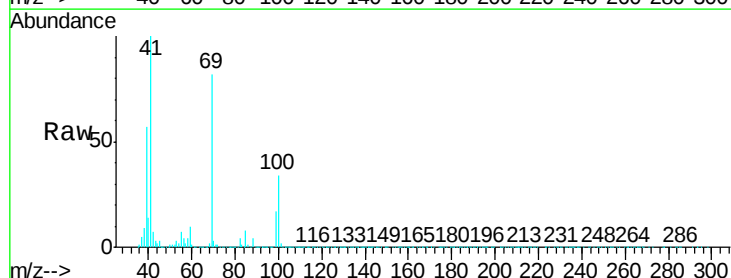
Tgt Ion: 41 Resp: 175629

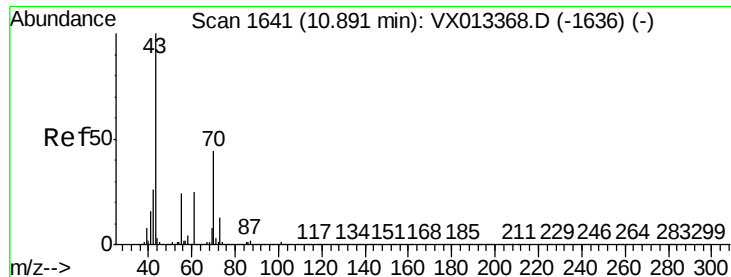
Ion Ratio Lower Upper

41 100

69 82.5 41.4 124.4

39 56.9 27.9 83.6

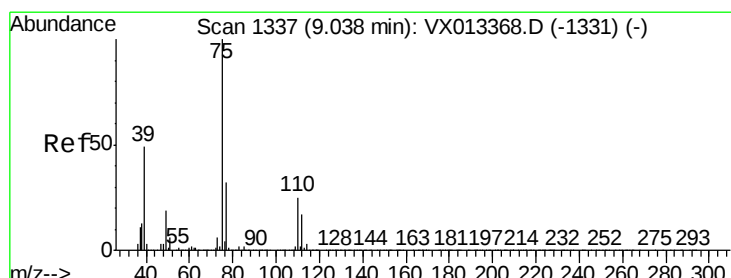
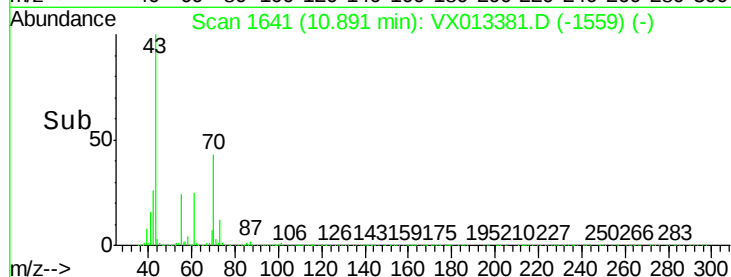
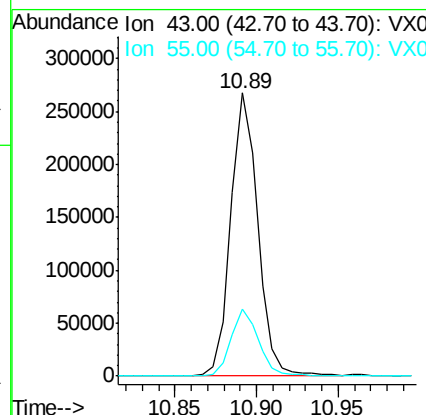
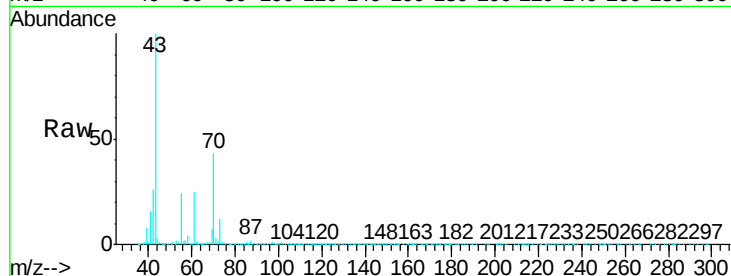




#47
n-amy1 Acetate
Concen: 17.263 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

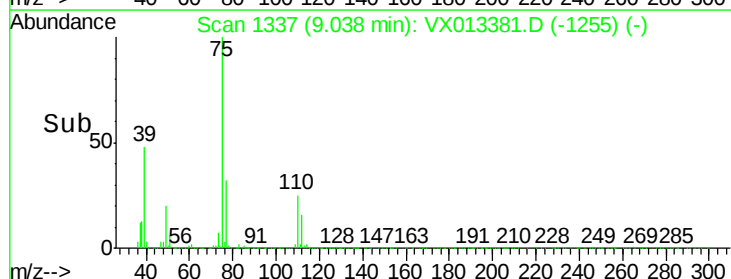
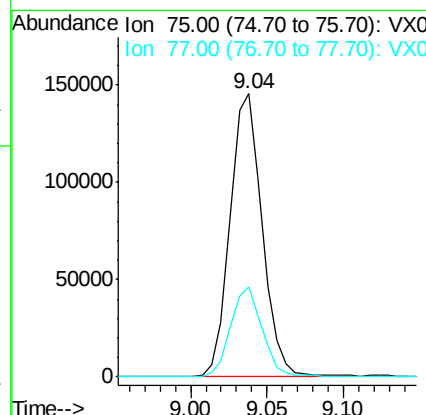
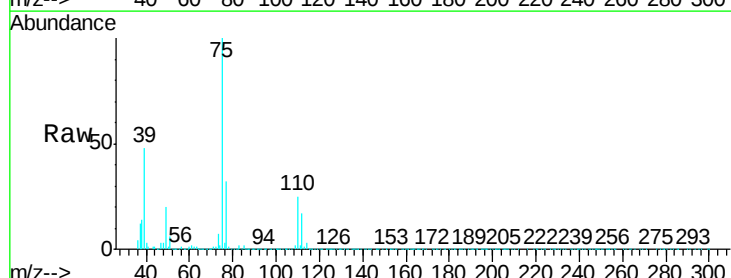
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

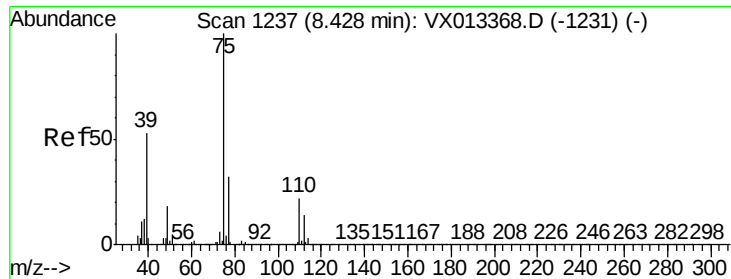
Tgt Ion: 43 Resp: 307804
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 17.561 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 75 Resp: 210750
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

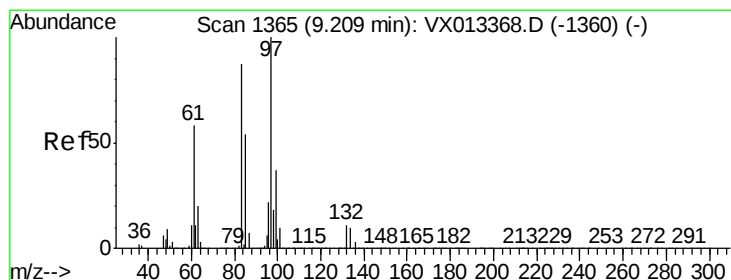
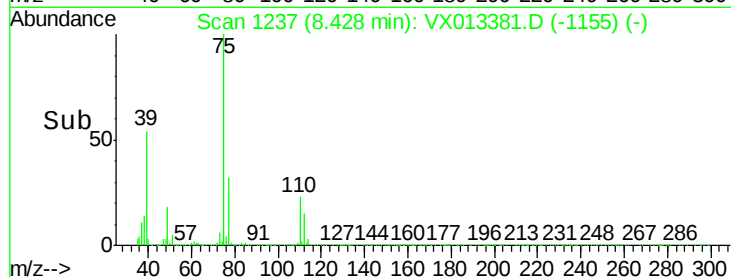
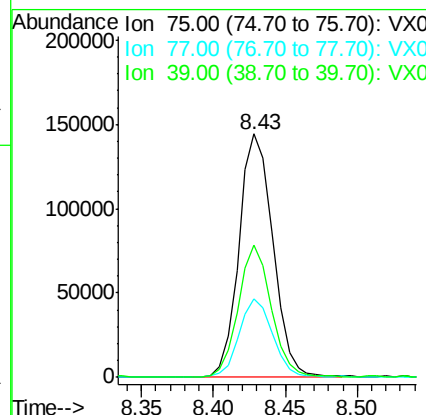
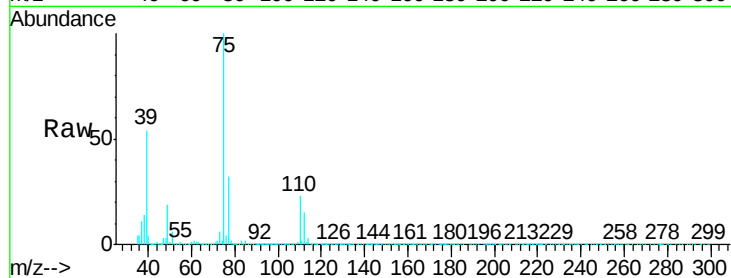




#49
 cis-1,3-Dichloropropene
 Concen: 17.975 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

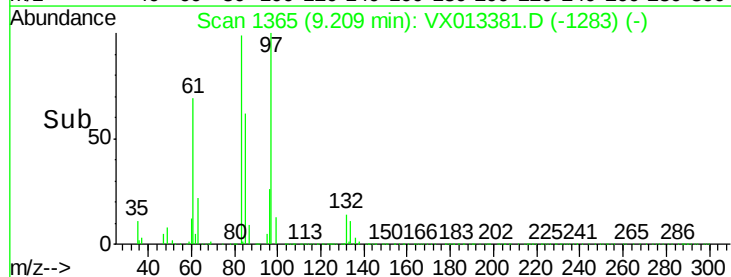
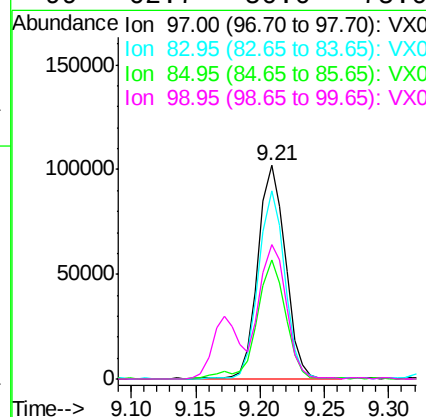
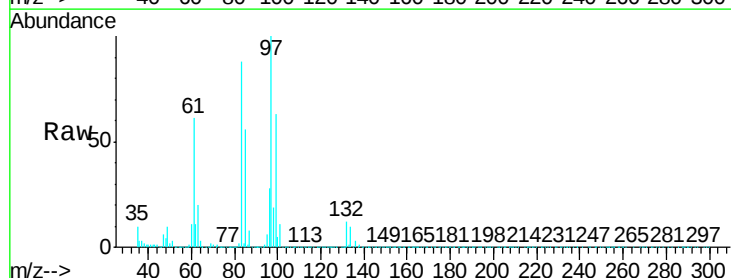
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

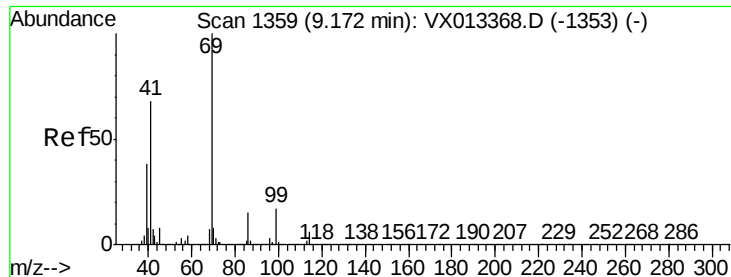
Tgt Ion:	75	Resp:	236373
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	53.8	42.2	63.4



#50
 1,1,2-Trichloroethane
 Concen: 18.536 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion:	97	Resp:	150380
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.6	104.4
85	55.3	45.5	68.3
99	62.7	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.680 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

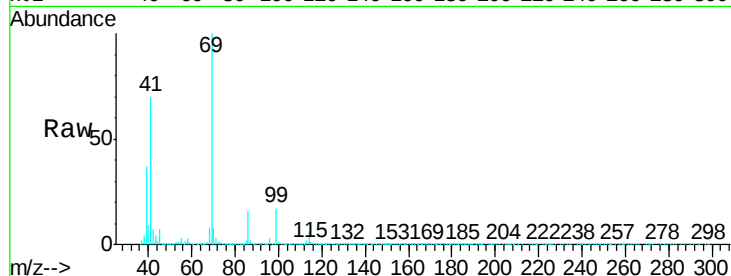
Tgt Ion: 69 Resp: 236159

Ion Ratio Lower Upper

69 100

41 70.1 33.9 101.6

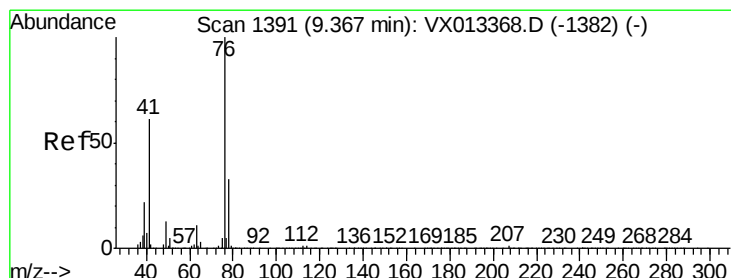
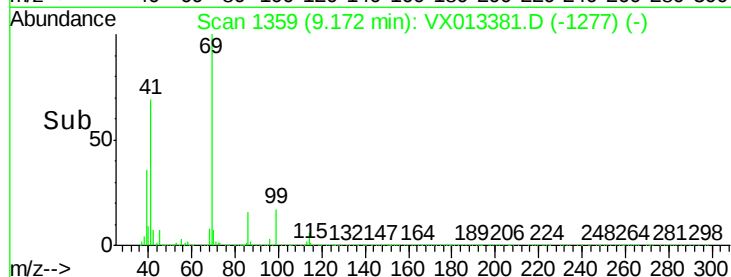
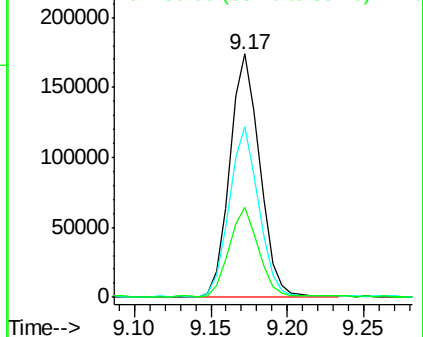
39 36.4 18.8 56.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.049 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013381.D

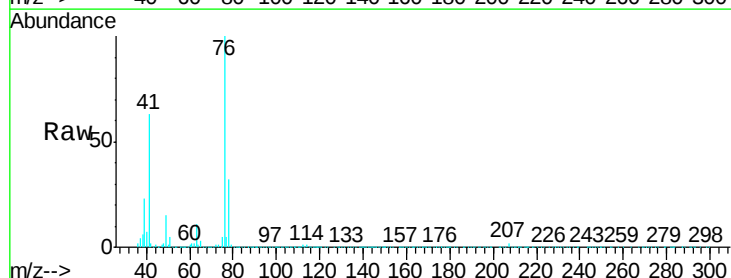
Acq: 12 Nov 2019 13:08

Tgt Ion: 76 Resp: 250328

Ion Ratio Lower Upper

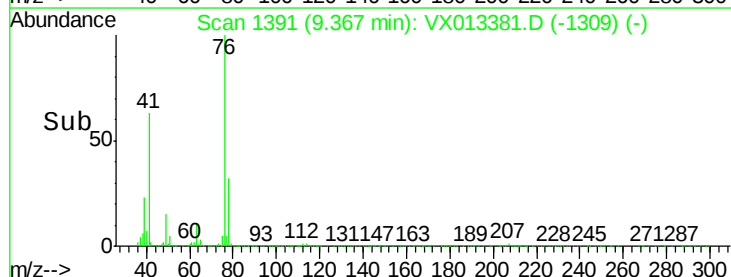
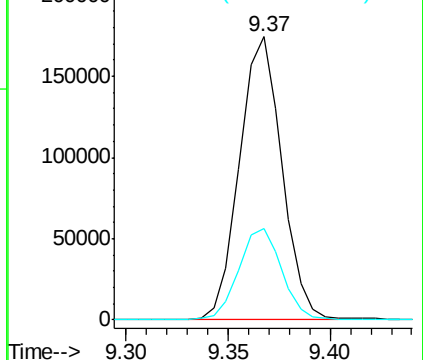
76 100

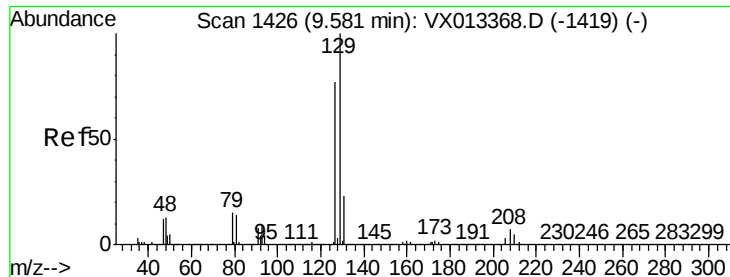
78 32.4 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.652 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

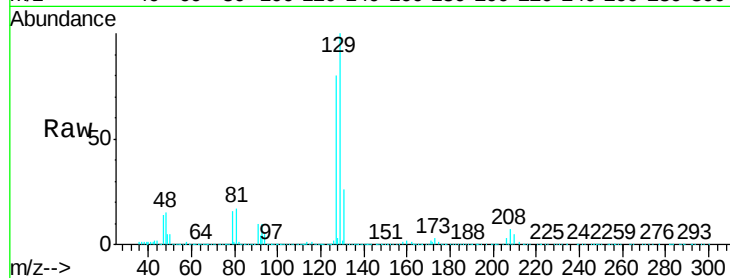
VX1112WBSD01

Tgt Ion:129 Resp: 151778

Ion Ratio Lower Upper

129 100

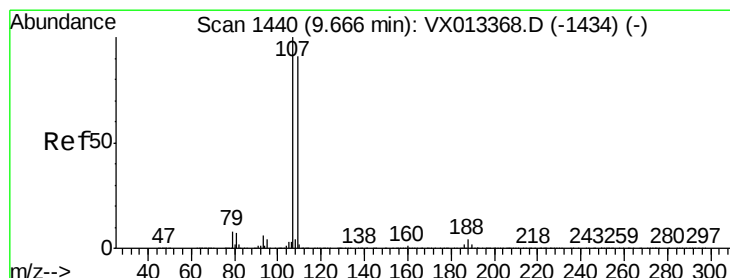
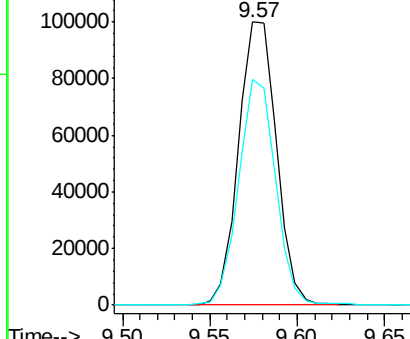
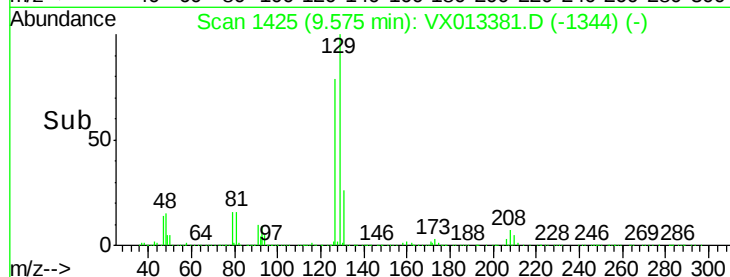
127 77.3 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57



#54

1,2-Dibromoethane

Concen: 18.127 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013381.D

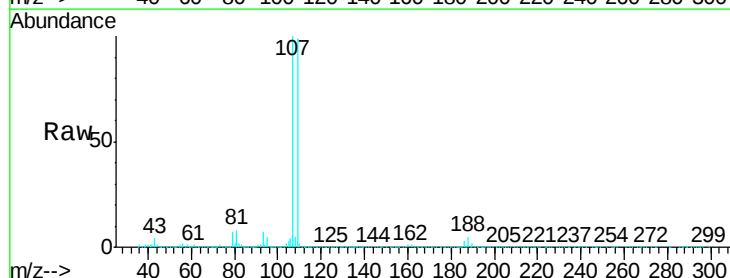
Acq: 12 Nov 2019 13:08

Tgt Ion:107 Resp: 157252

Ion Ratio Lower Upper

107 100

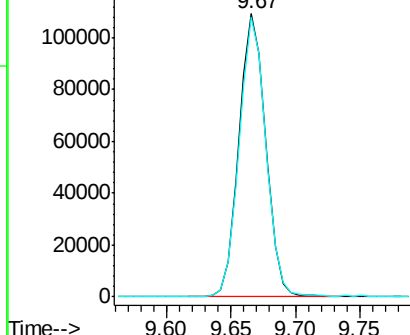
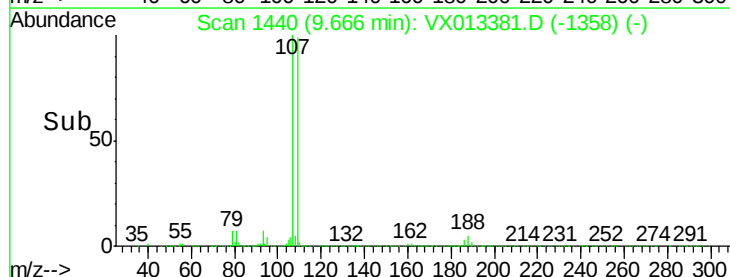
109 97.8 73.9 110.9

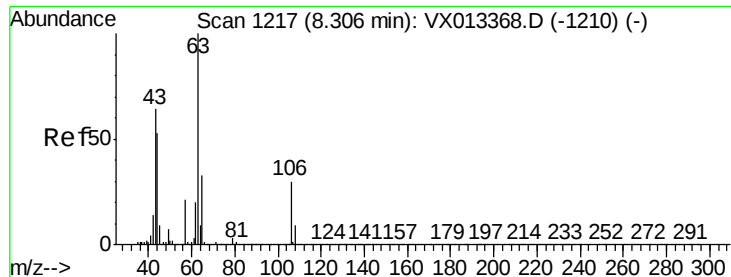


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

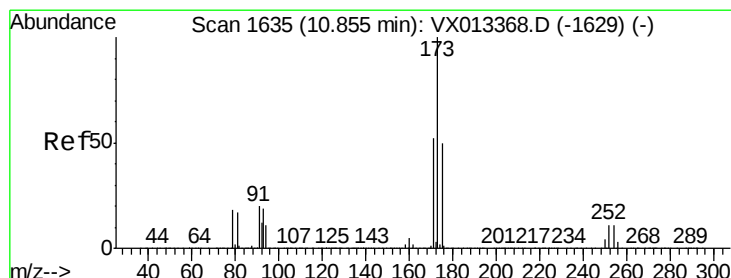
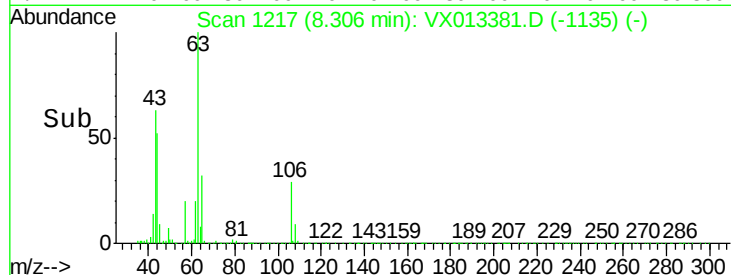
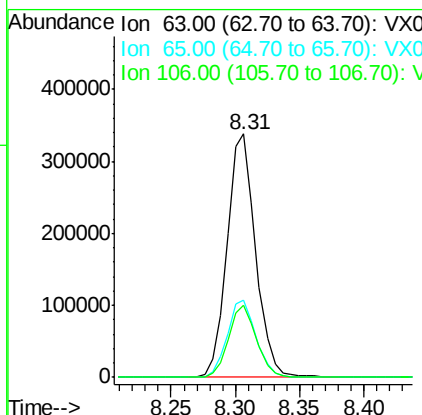




#55
 2-Chloroethyl vinyl ether
 Concen: 91.734 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

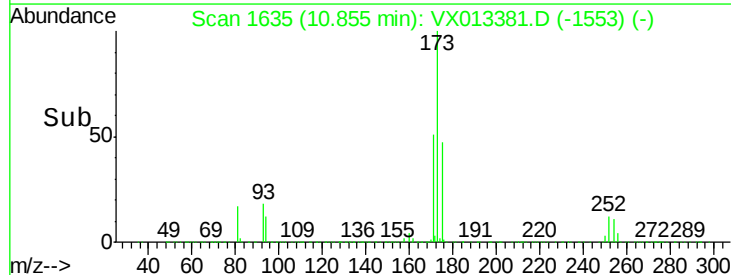
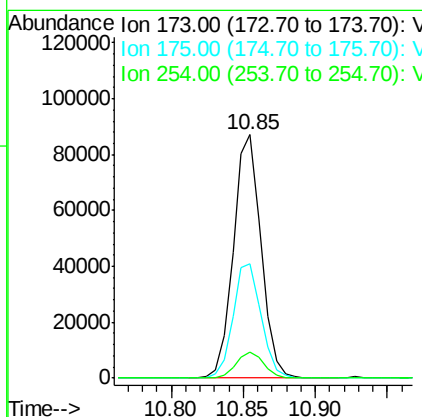
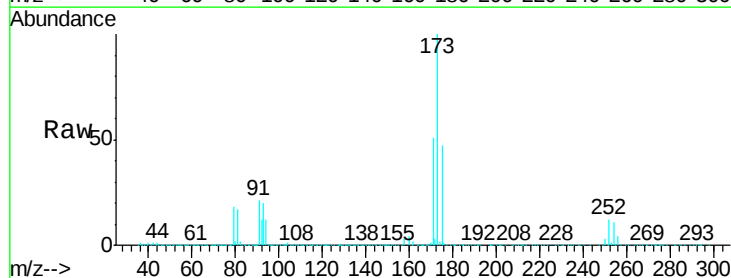
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

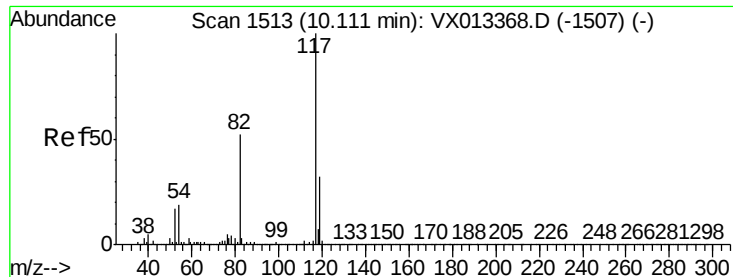
Tgt Ion: 63 Resp: 523572
 Ion Ratio Lower Upper
 63 100
 65 31.8 26.0 39.0
 106 28.9 23.5 35.3



#56
 Bromoform
 Concen: 17.038 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion: 173 Resp: 116590
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.4 59.0
 254 10.9 8.6 12.8

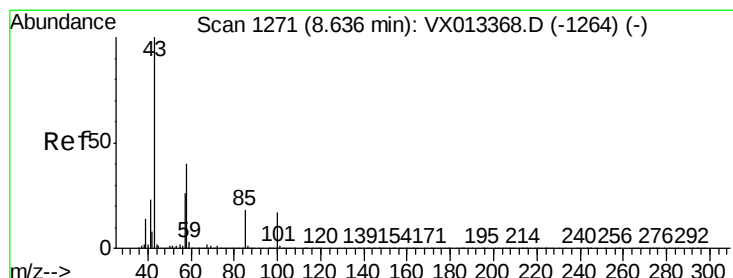
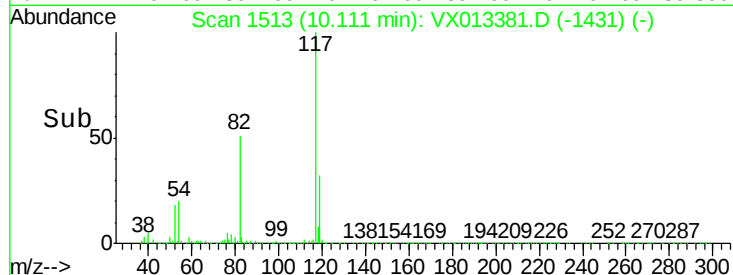
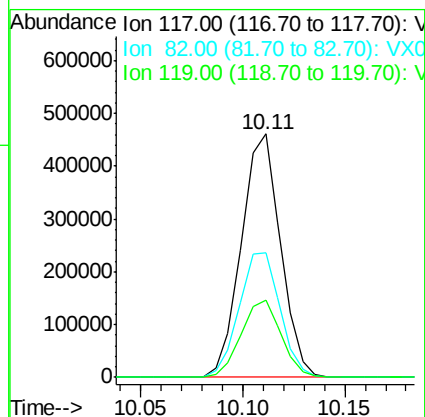
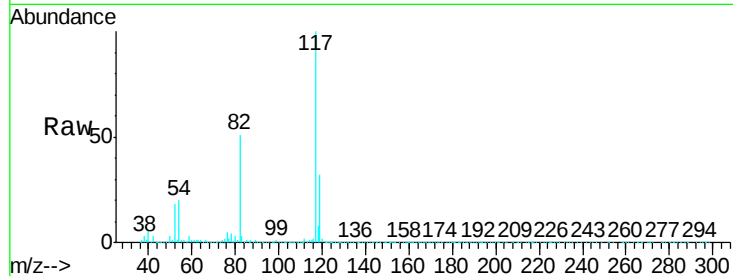




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

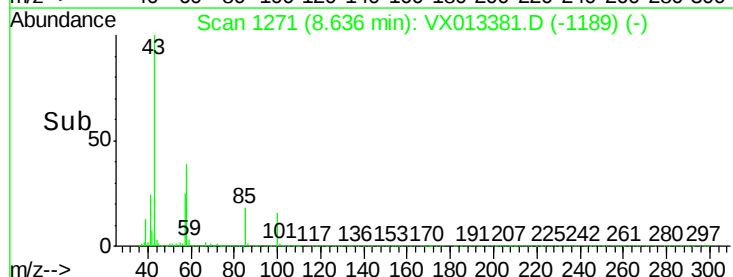
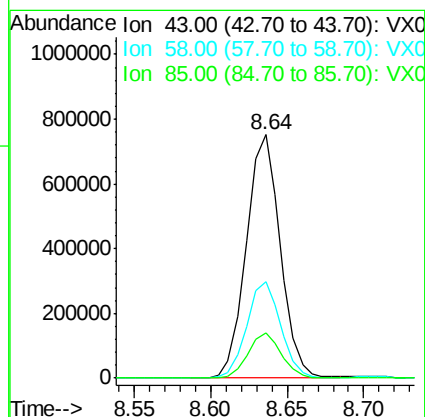
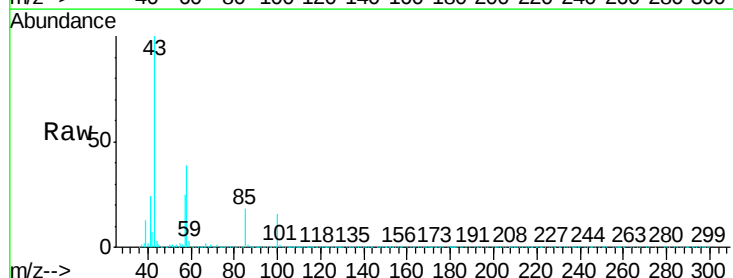
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

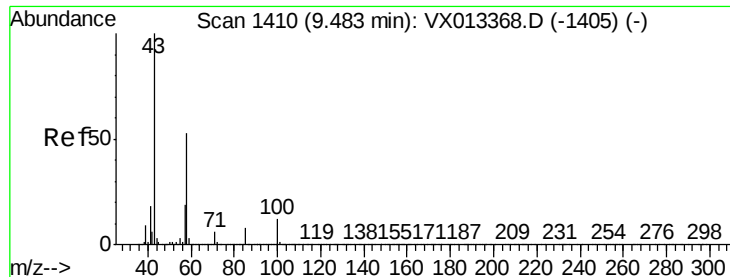
Tgt Ion: 117 Resp: 614389
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.3 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 90.179 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 43 Resp: 1157423
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4
85 18.2 14.2 21.2

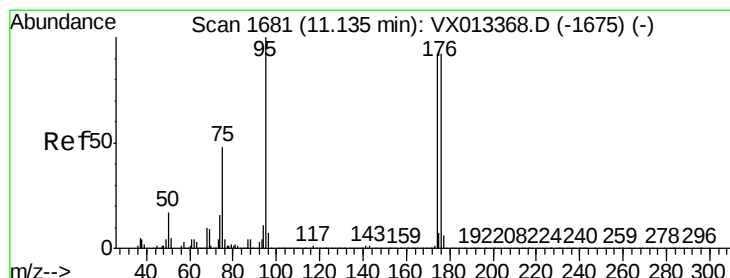
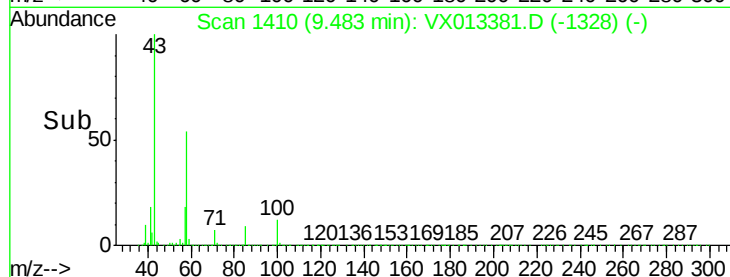
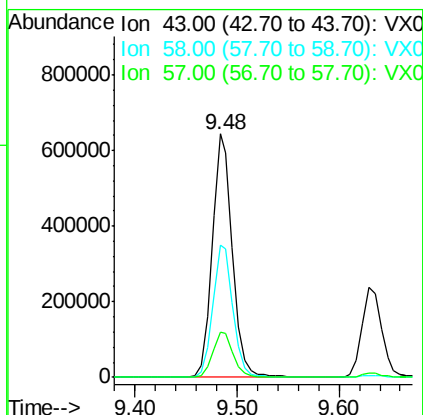
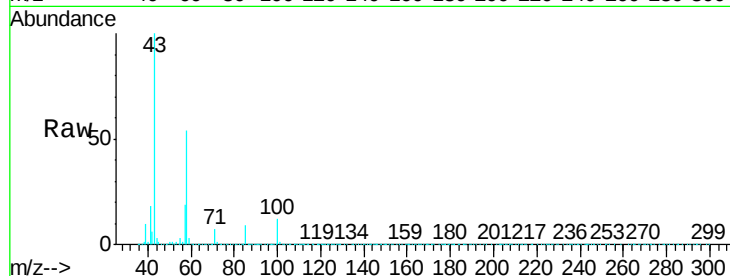




#59
2-Hexanone
Concen: 87.251 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

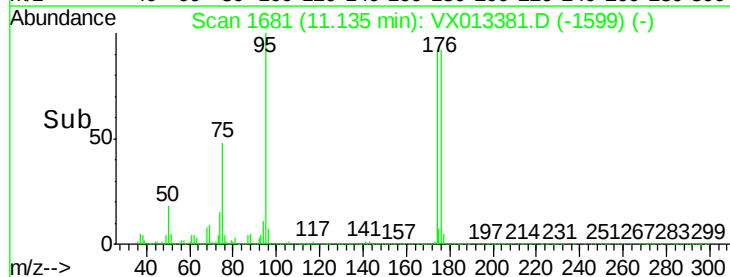
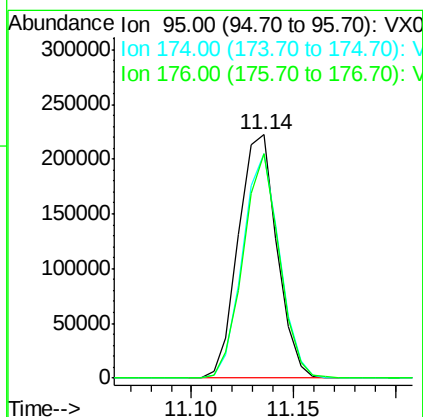
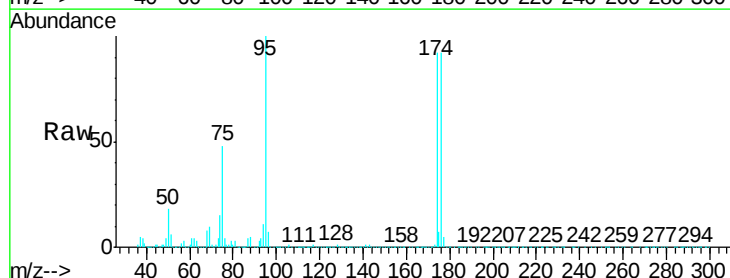
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

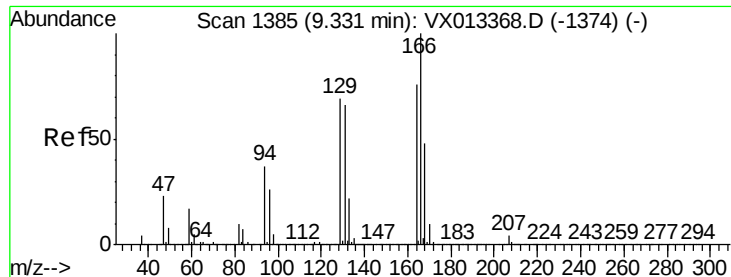
Tgt Ion: 43 Resp: 886056
Ion Ratio Lower Upper
43 100
58 54.9 43.8 65.6
57 19.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.553 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 95 Resp: 291837
Ion Ratio Lower Upper
95 100
174 88.6 70.2 105.2
176 86.7 68.3 102.5





#61

Tetrachloroethene

Concen: 18.427 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tgt Ion:164 Resp: 139603

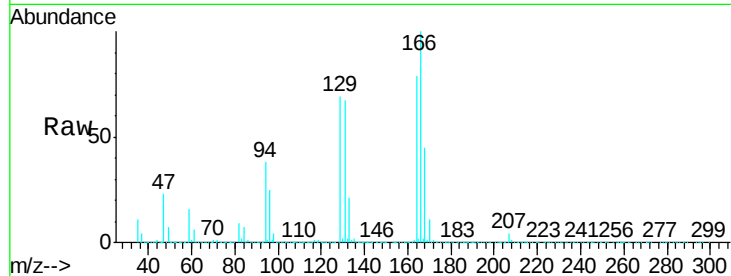
Ion Ratio Lower Upper

164 100

166 125.6 104.9 157.3

129 86.9 72.3 108.5

131 83.7 69.0 103.6

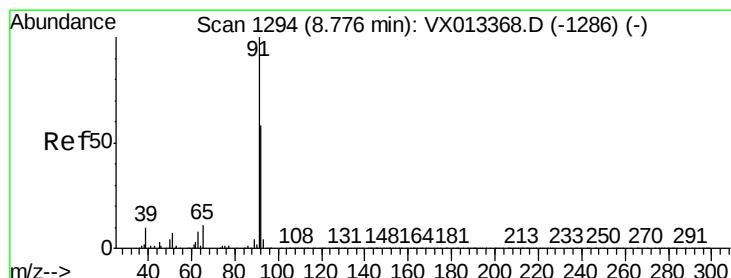
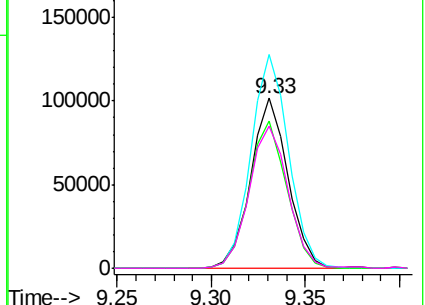
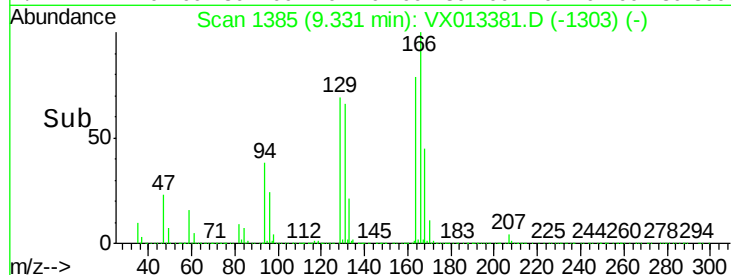


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.442 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013381.D

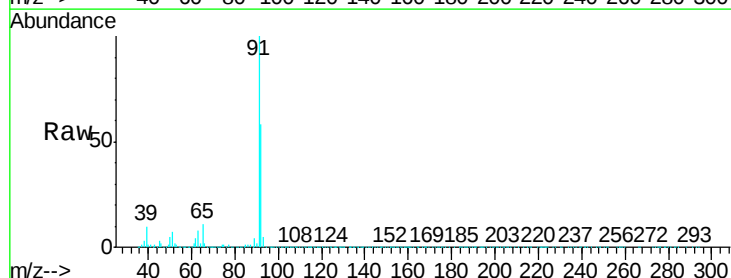
Acq: 12 Nov 2019 13:08

Tgt Ion: 91 Resp: 631145

Ion Ratio Lower Upper

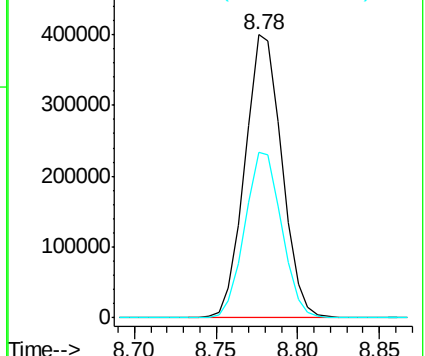
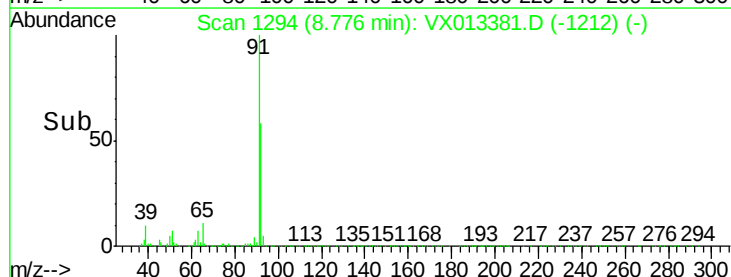
91 100

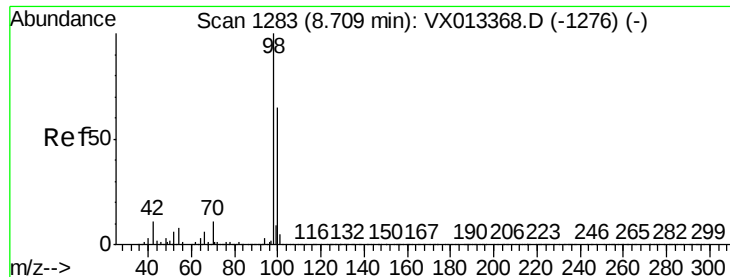
92 58.6 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

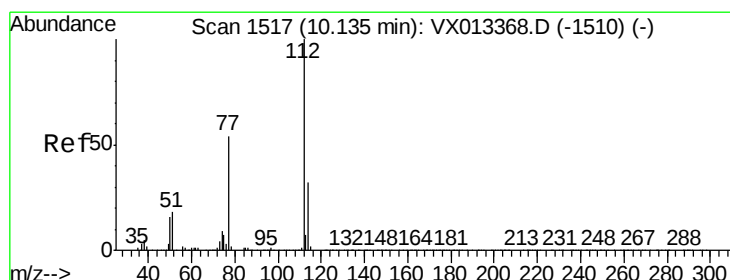
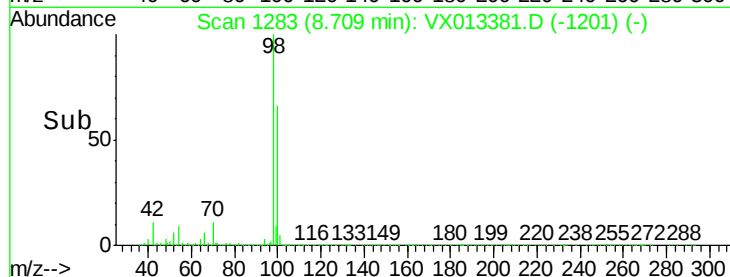
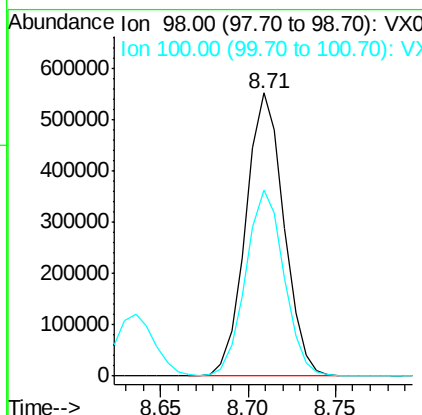
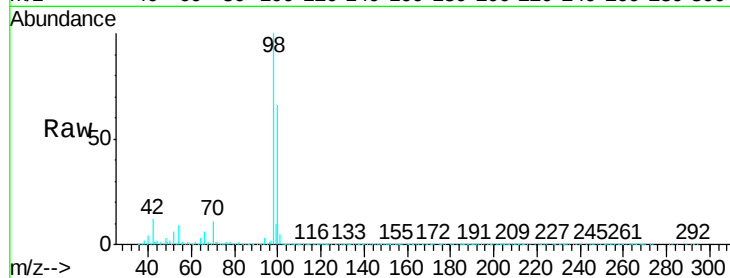




#63
Toluene-d8
Concen: 30.145 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

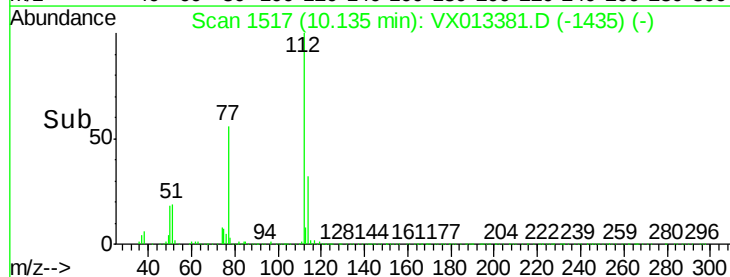
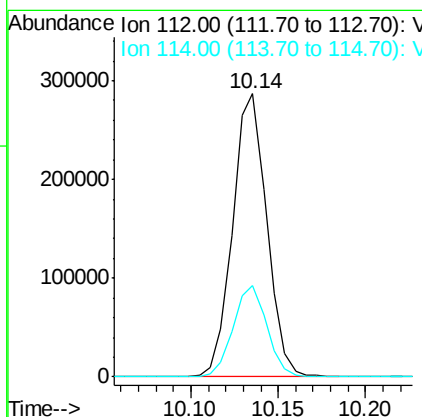
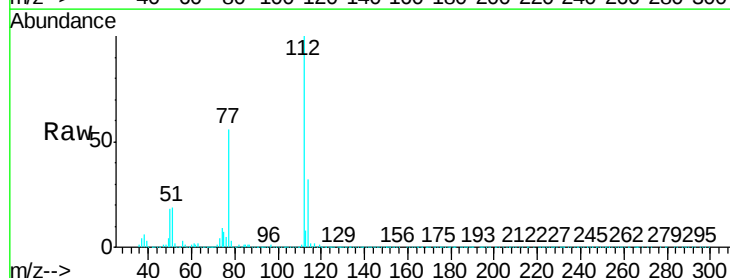
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

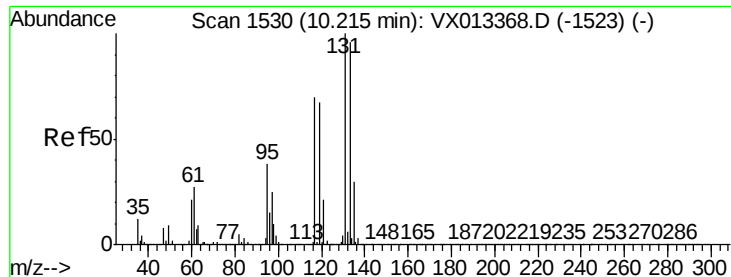
Tgt Ion: 98 Resp: 837514
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#64
Chlorobenzene
Concen: 18.113 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 112 Resp: 387583
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.098 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

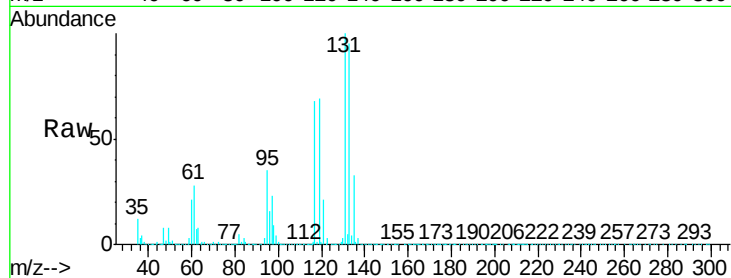
Tgt Ion:131 Resp: 144957

Ion Ratio Lower Upper

131 100

133 94.7 0.0 192.2

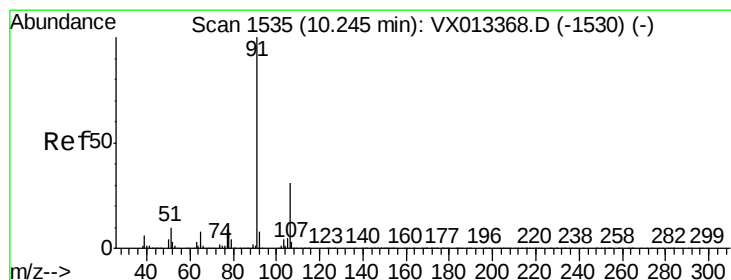
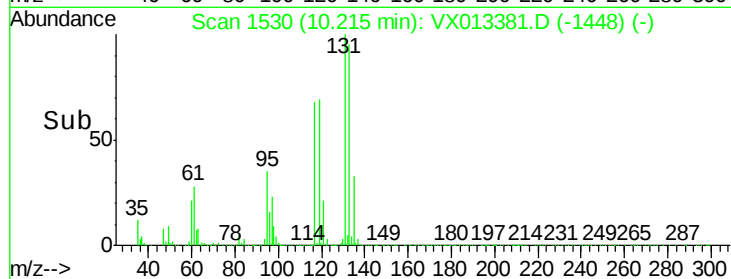
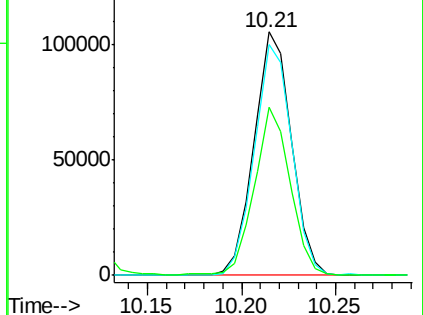
119 65.9 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.149 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013381.D

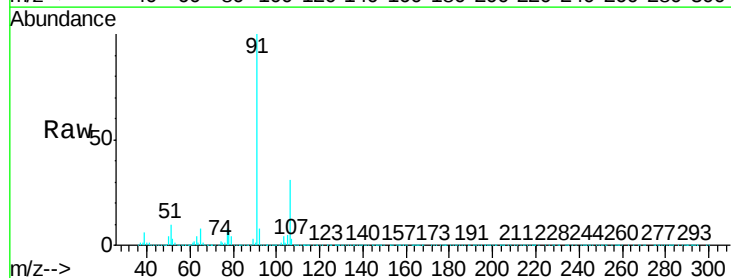
Acq: 12 Nov 2019 13:08

Tgt Ion: 91 Resp: 682337

Ion Ratio Lower Upper

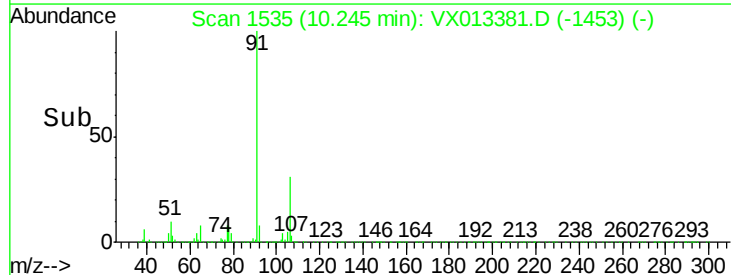
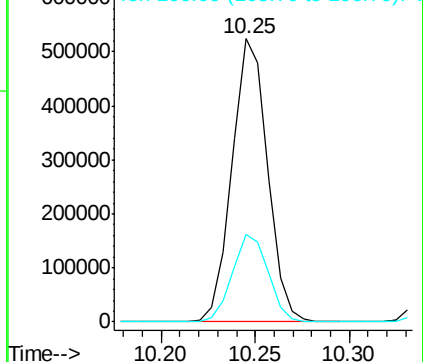
91 100

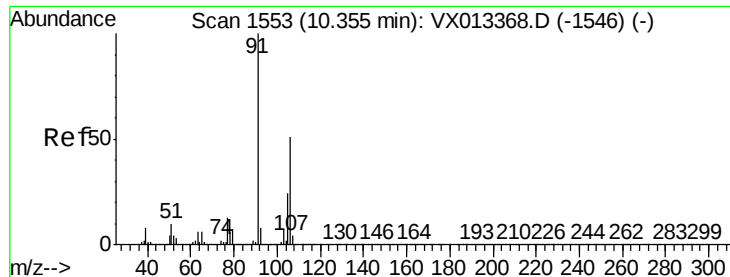
106 30.8 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 35.807 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

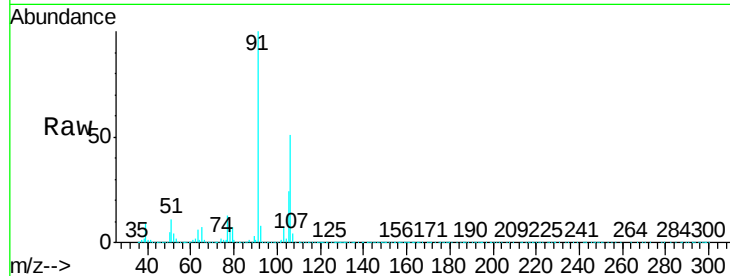
VX1112WBSD01

Tgt Ion:106 Resp: 519302

Ion Ratio Lower Upper

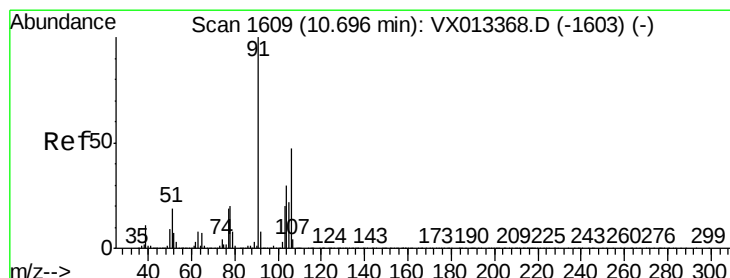
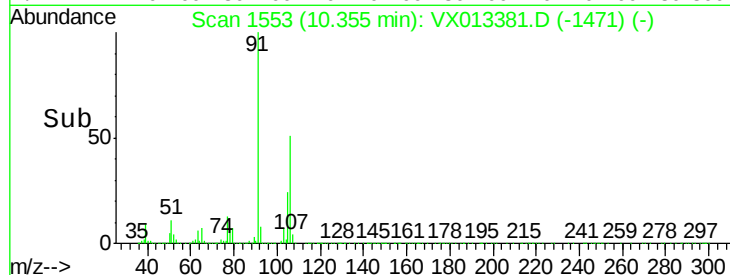
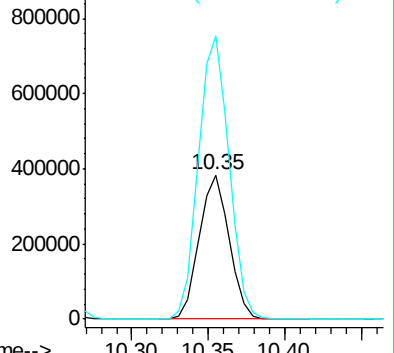
106 100

91 199.7 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.127 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013381.D

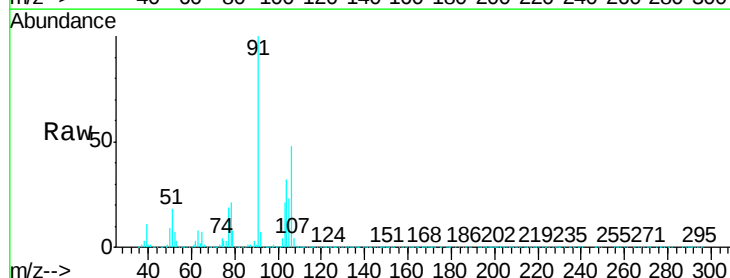
Acq: 12 Nov 2019 13:08

Tgt Ion:106 Resp: 253705

Ion Ratio Lower Upper

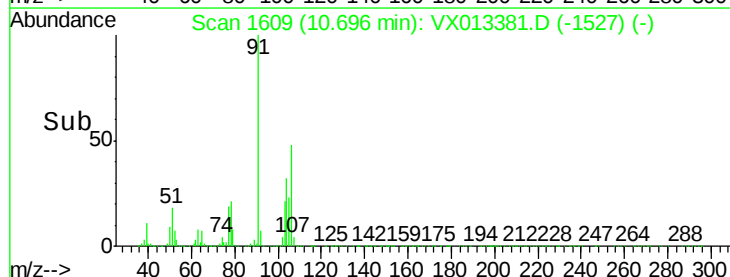
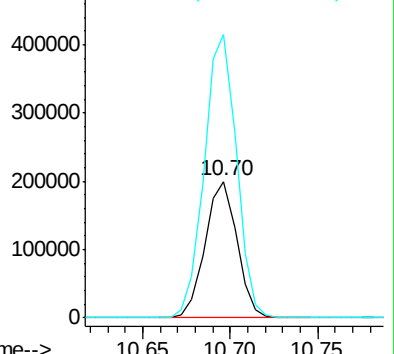
106 100

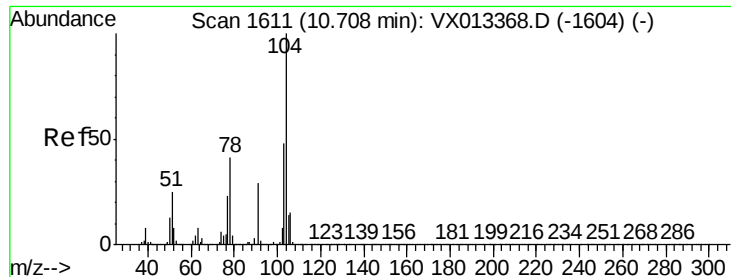
91 209.7 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

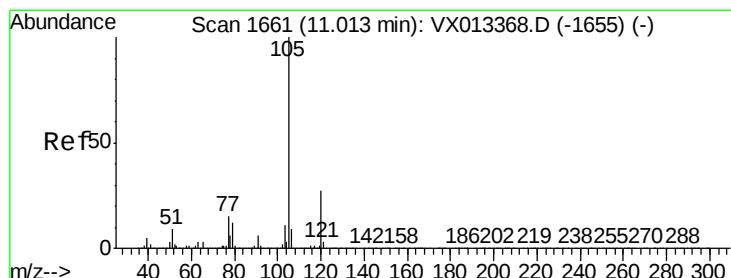
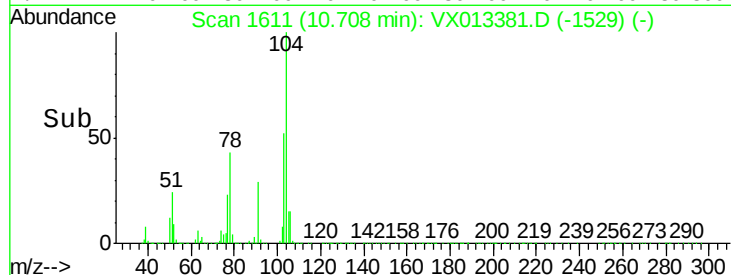
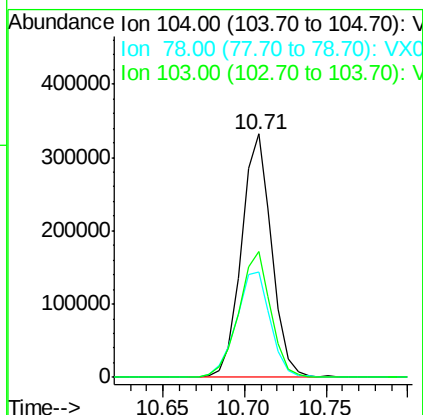
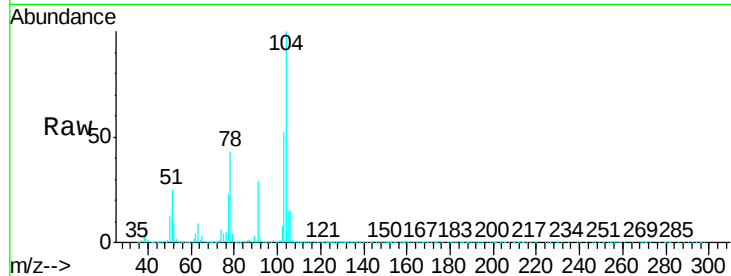




#69
Styrene
Concen: 17.818 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

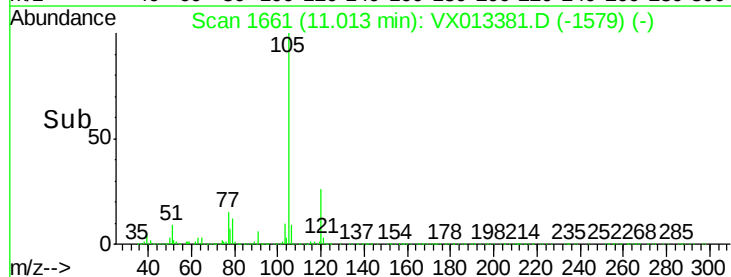
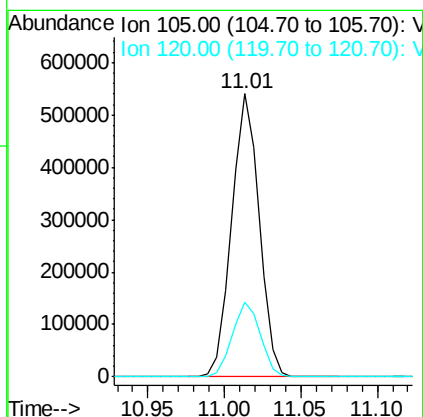
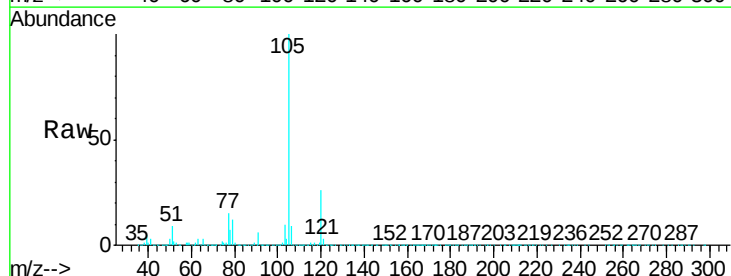
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

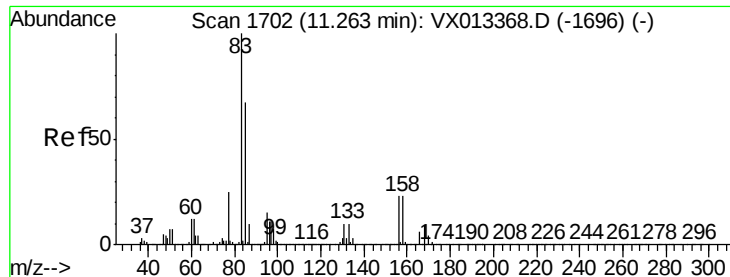
Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.2	57.4
103	54.9	43.2	64.8



#70
Isopropylbenzene
Concen: 18.297 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.113 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

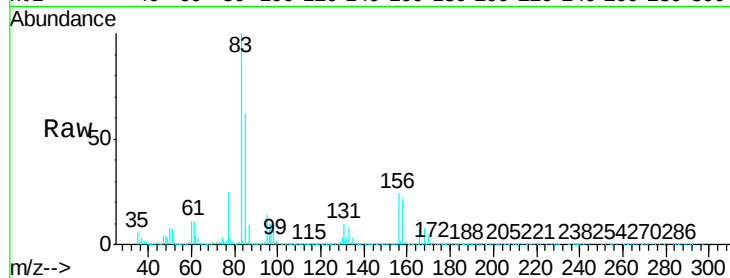
Tgt Ion: 83 Resp: 239186

Ion Ratio Lower Upper

83 100

131 10.7 4.7 14.1

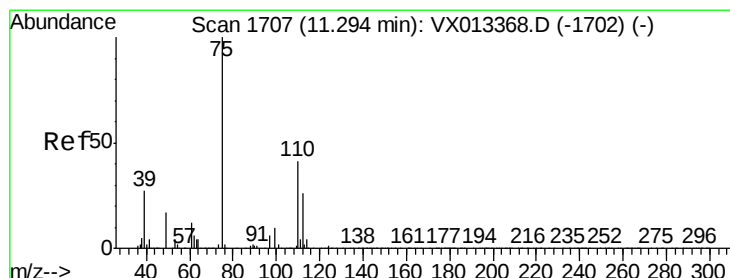
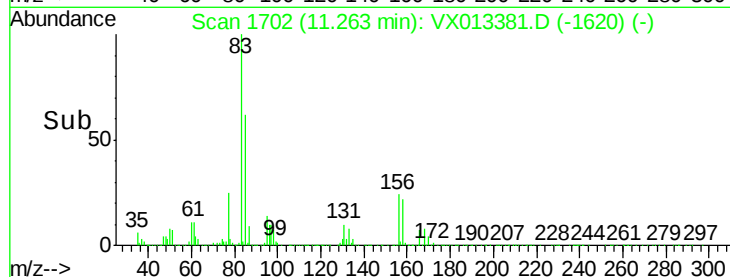
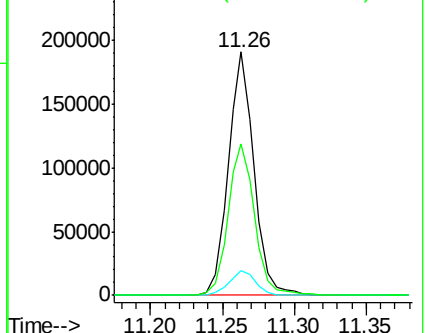
85 63.8 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.472 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013381.D

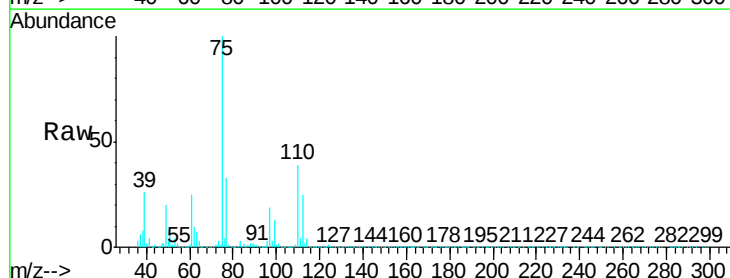
Acq: 12 Nov 2019 13:08

Tgt Ion: 75 Resp: 261718

Ion Ratio Lower Upper

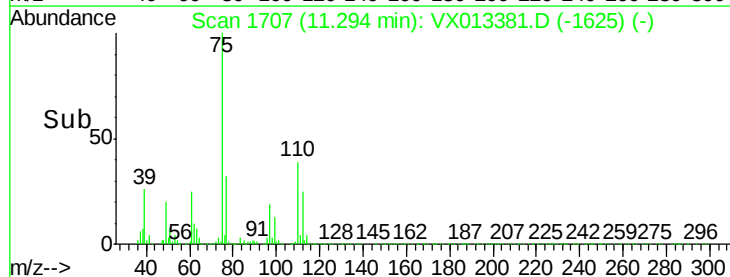
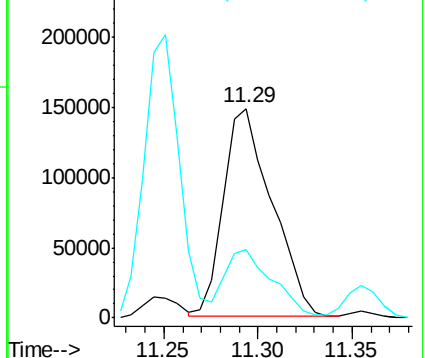
75 100

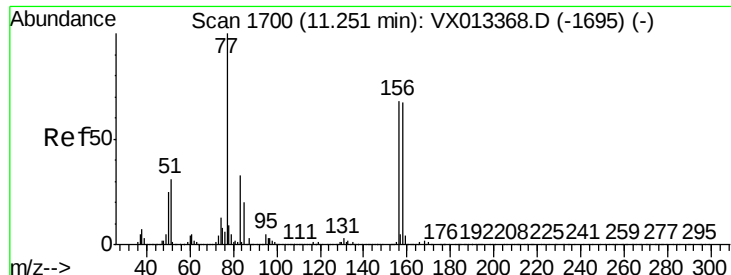
77 30.0 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.995 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

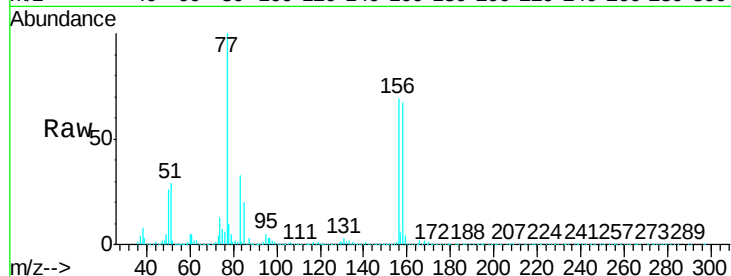
Tgt Ion: 156 Resp: 175015

Ion Ratio Lower Upper

156 100

77 151.9 0.0 308.8

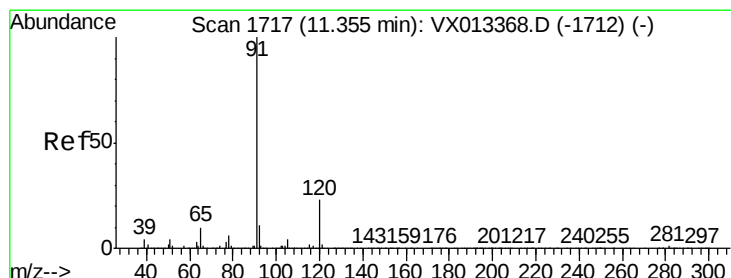
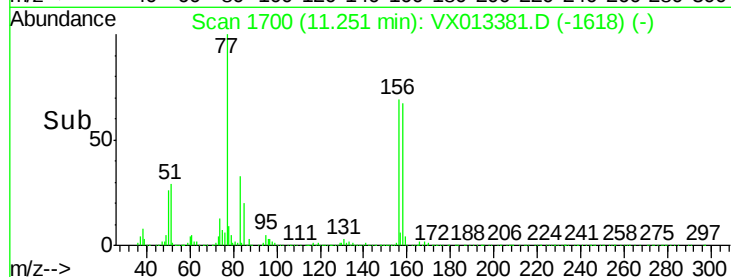
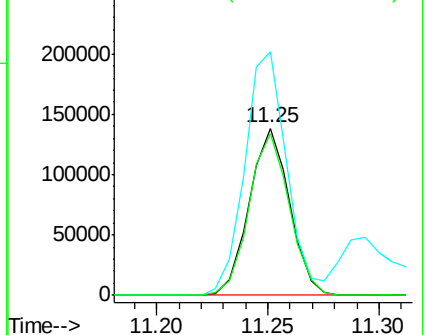
158 96.6 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.197 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013381.D

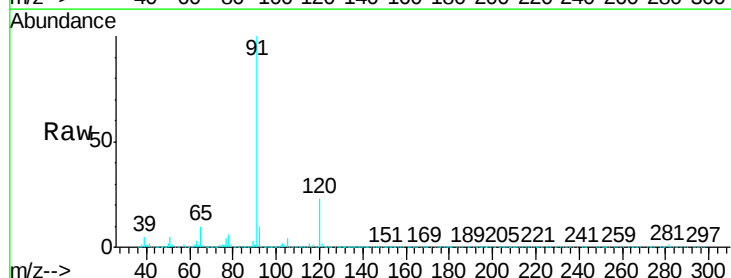
Acq: 12 Nov 2019 13:08

Tgt Ion: 91 Resp: 762678

Ion Ratio Lower Upper

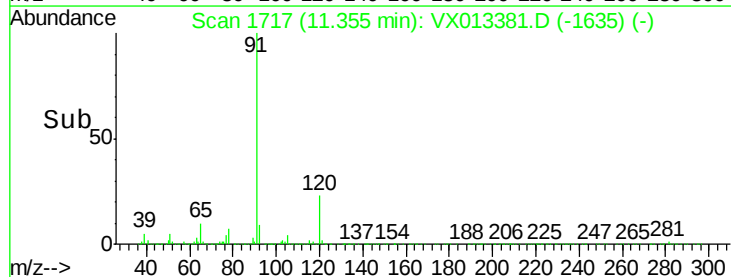
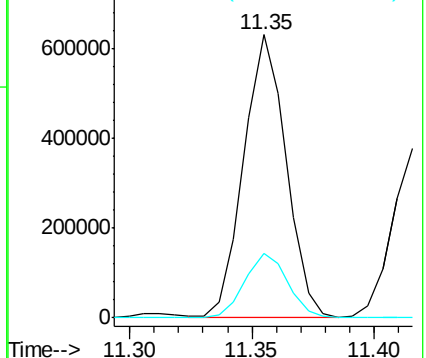
91 100

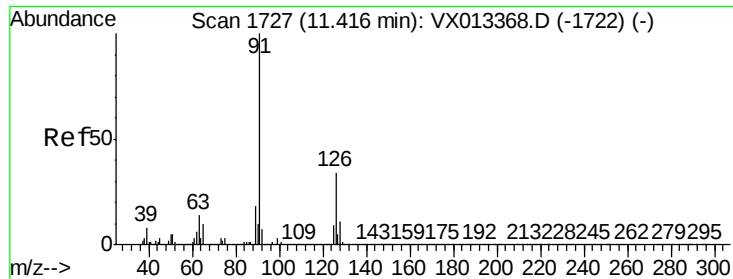
120 23.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.213 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

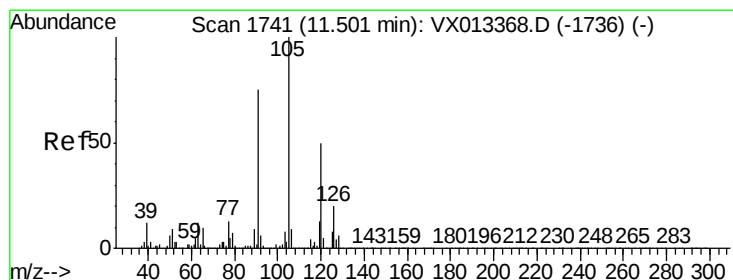
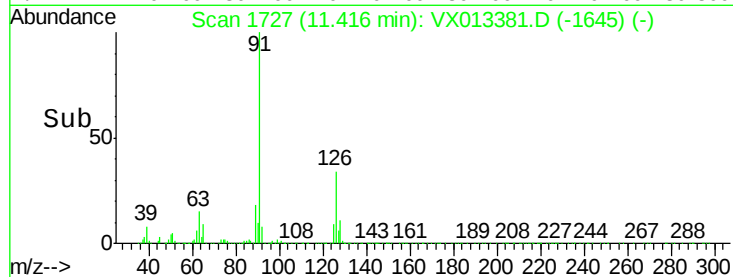
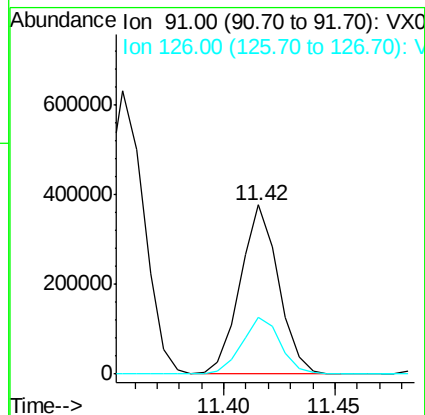
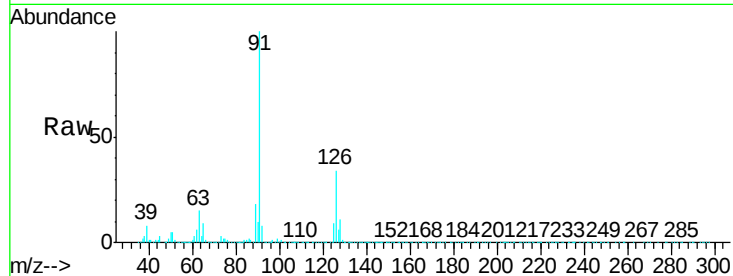
VX1112WBSD01

Tgt Ion: 91 Resp: 453943

Ion Ratio Lower Upper

91 100

126 34.0 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 17.945 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013381.D

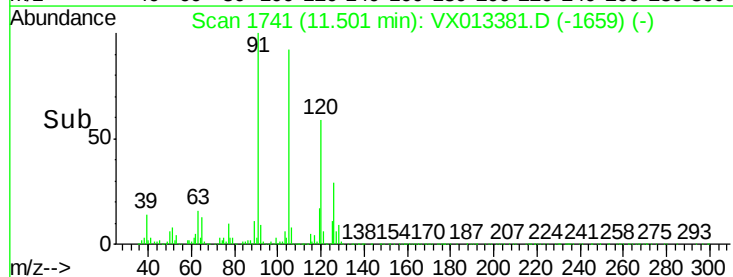
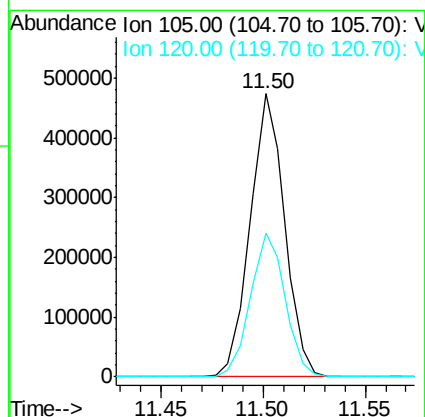
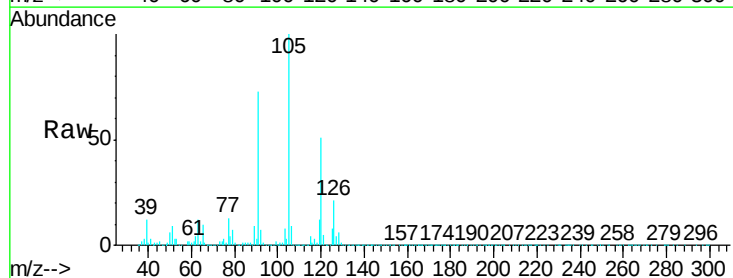
Acq: 12 Nov 2019 13:08

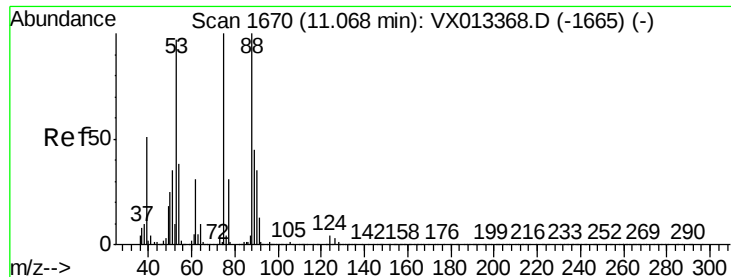
Tgt Ion: 105 Resp: 556278

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.466 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

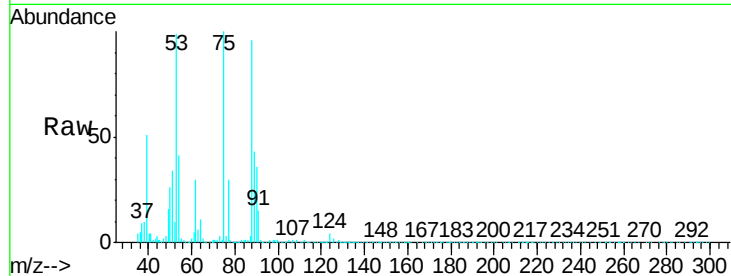
Tgt Ion: 75 Resp: 74238

Ion Ratio Lower Upper

75 100

53 99.4 48.8 146.3

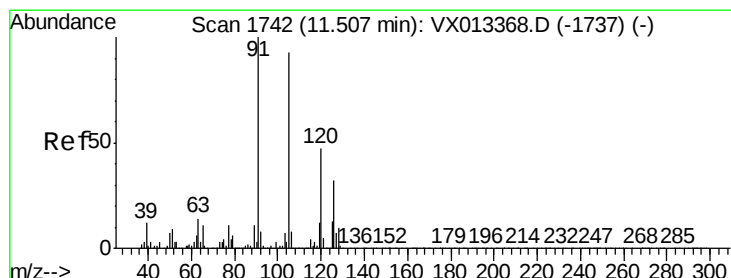
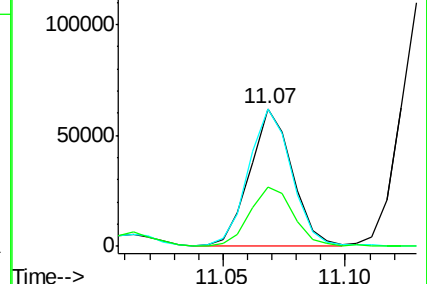
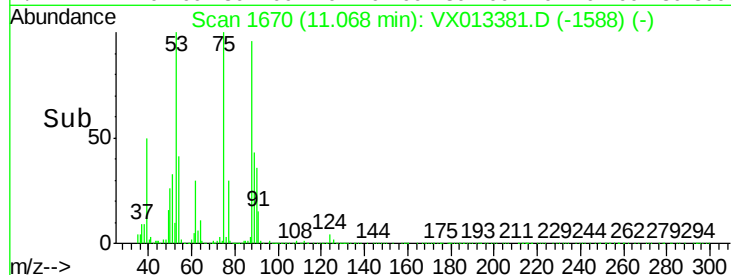
89 43.0 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.768 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013381.D

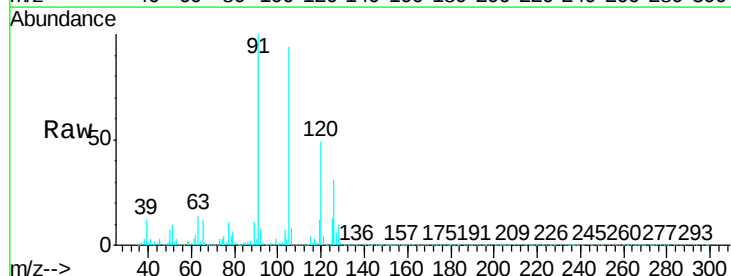
Acq: 12 Nov 2019 13:08

Tgt Ion: 91 Resp: 507394

Ion Ratio Lower Upper

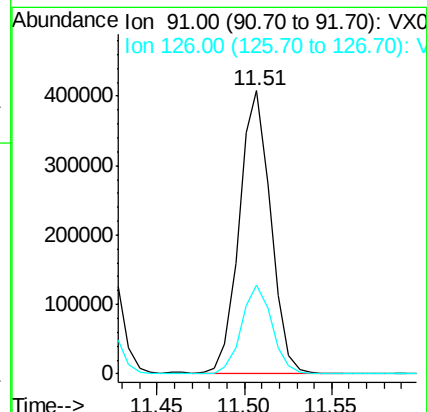
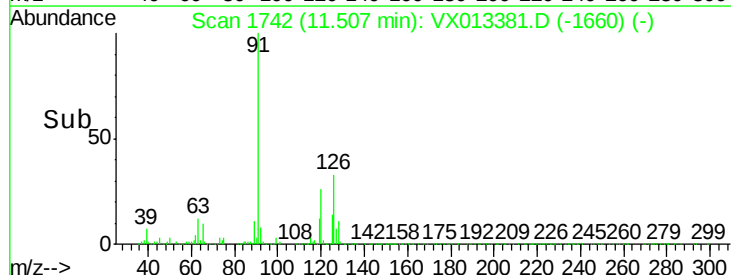
91 100

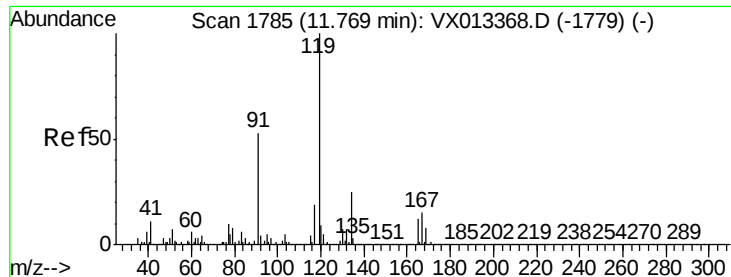
126 30.6 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

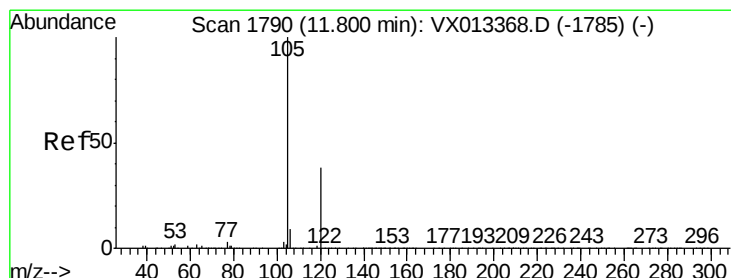
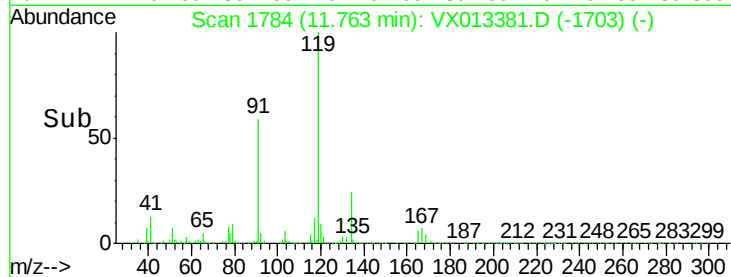
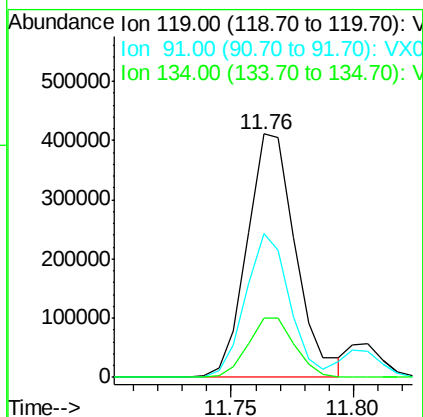
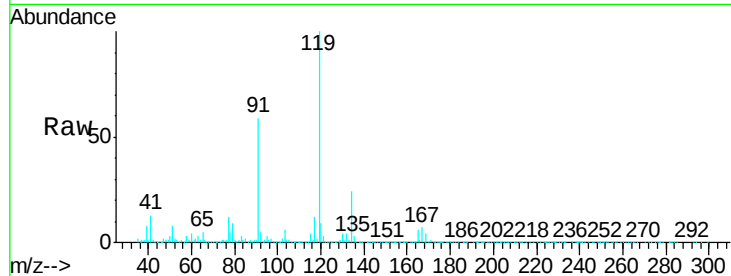




#79
tert-butylbenzene
Concen: 18.105 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

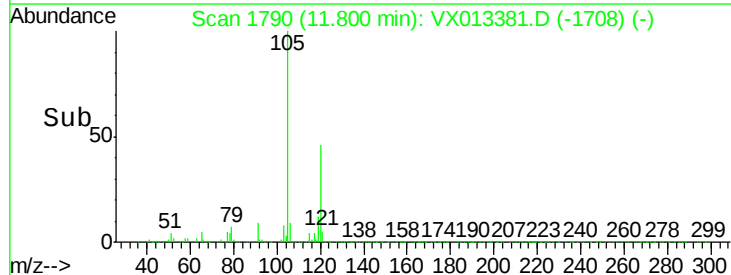
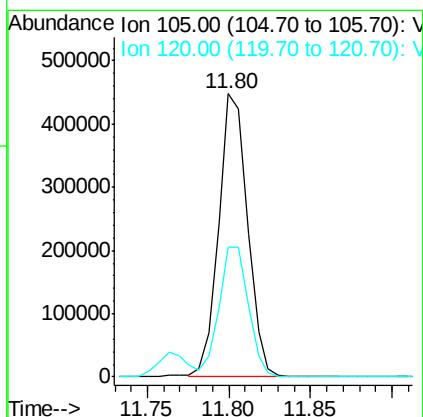
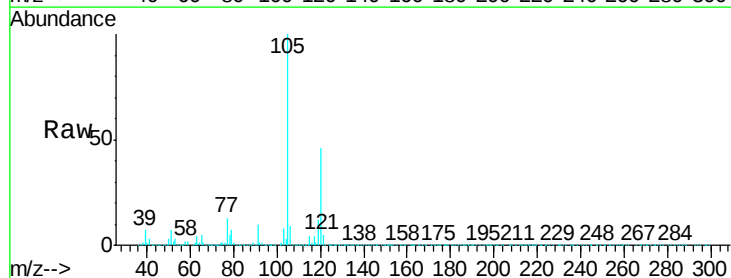
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

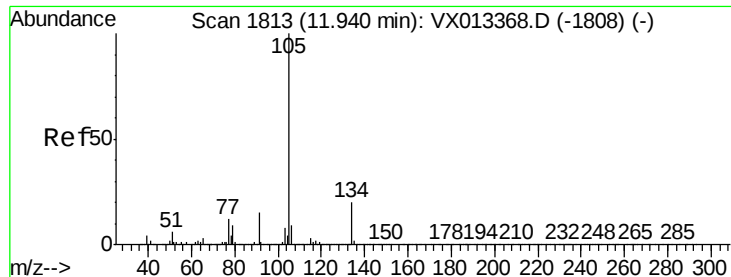
Tgt Ion	Ratio	Lower	Upper
119	100		
91	53.7	0.0	109.6
134	23.5	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 17.887 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	94.0

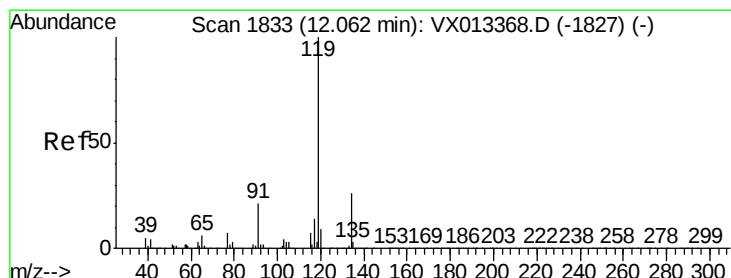
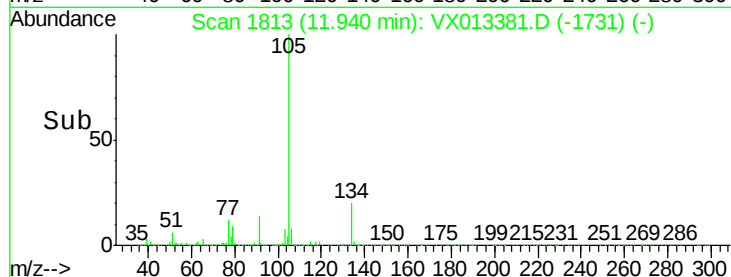
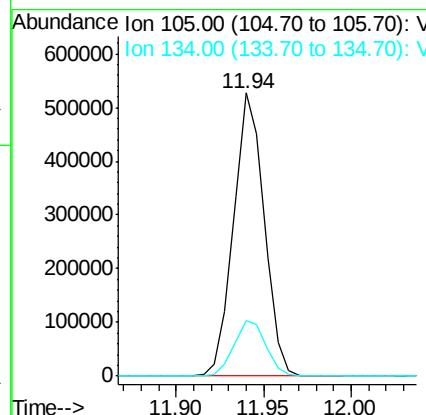
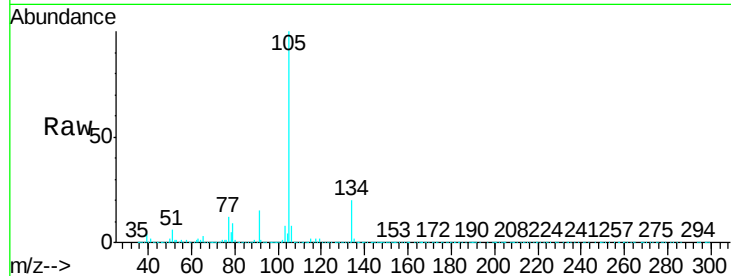




#81
 sec-Butylbenzene
 Concen: 17.946 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

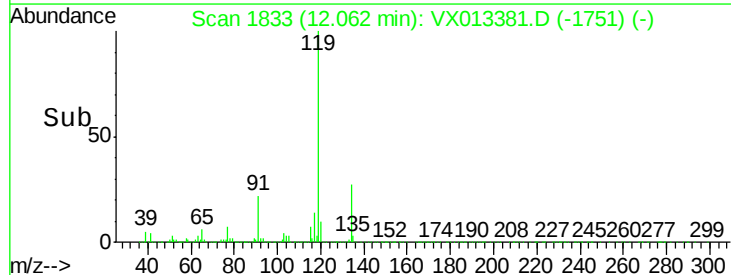
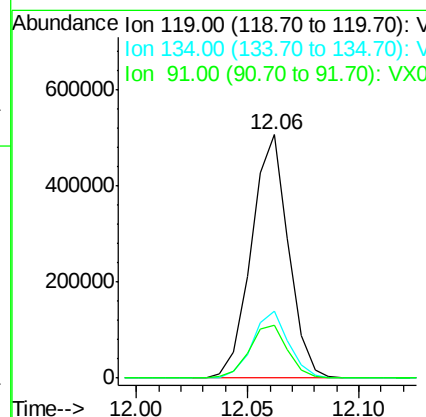
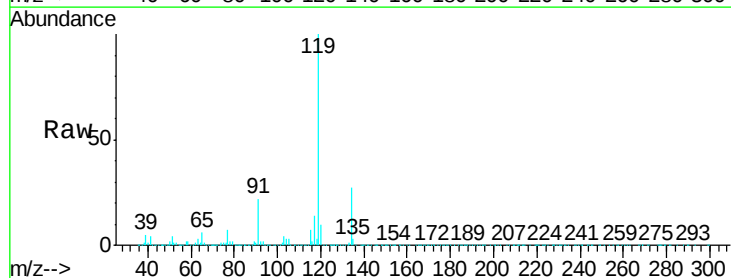
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

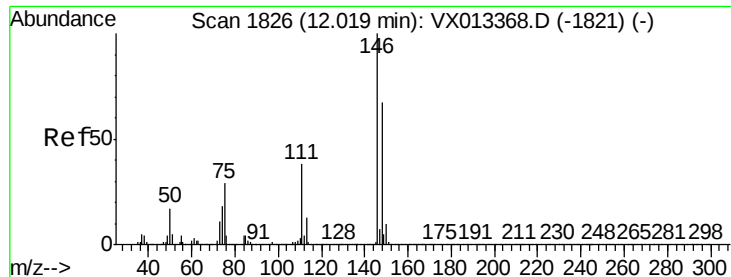
Tgt Ion:105 Resp: 640411
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 17.856 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion:119 Resp: 587077
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 51.6
 91 22.5 0.0 44.2

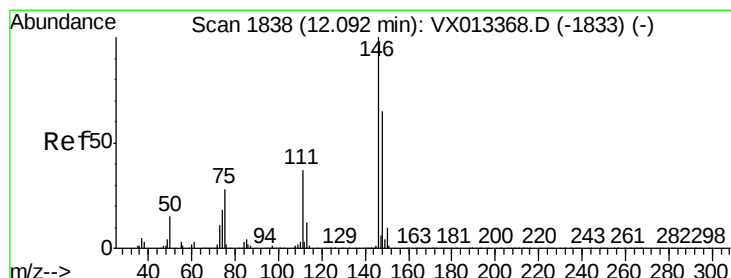
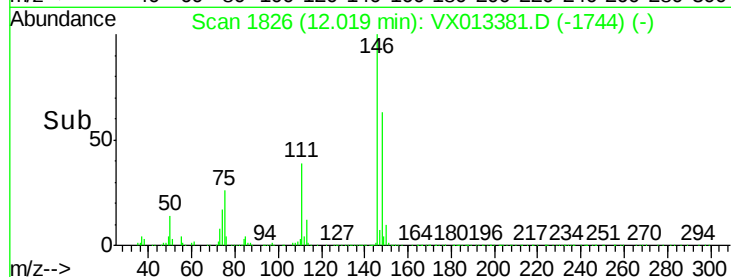
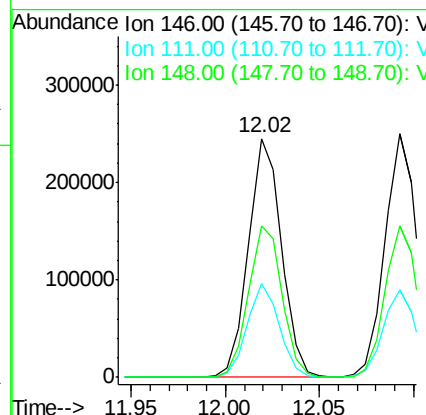
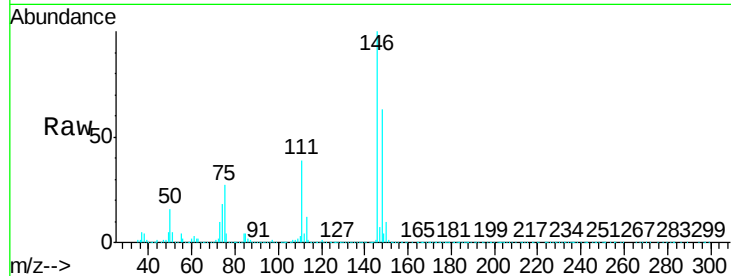




#83
 1,3-Dichlorobenzene
 Concen: 17.479 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

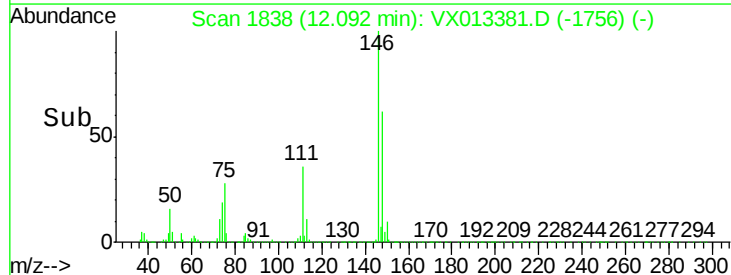
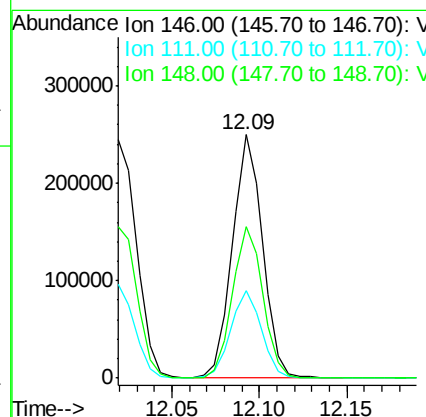
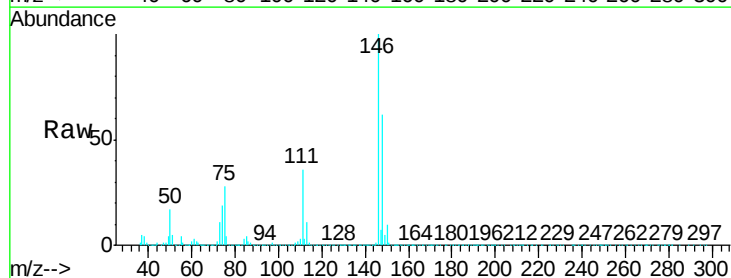
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

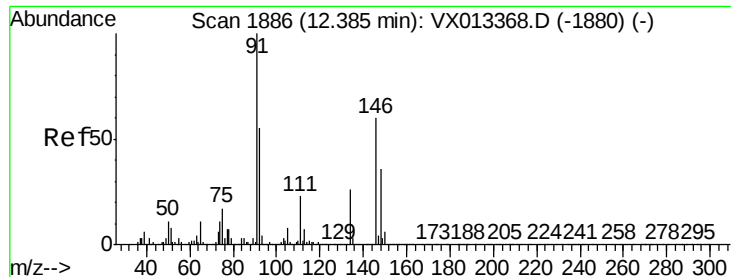
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.1	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 17.622 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	62.6	32.5	97.4

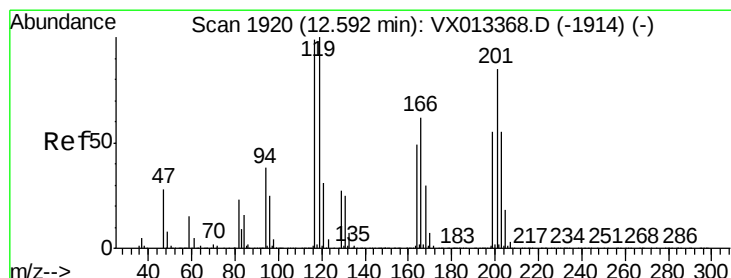
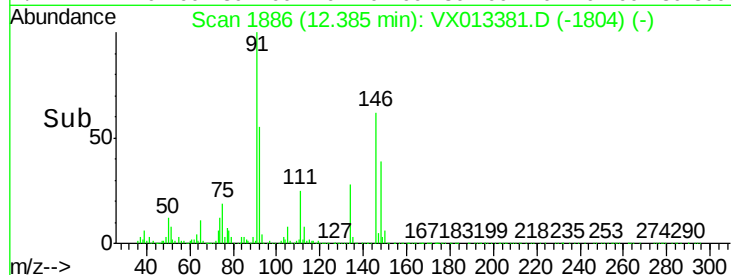
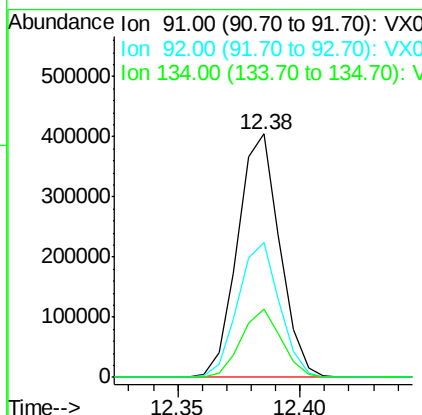
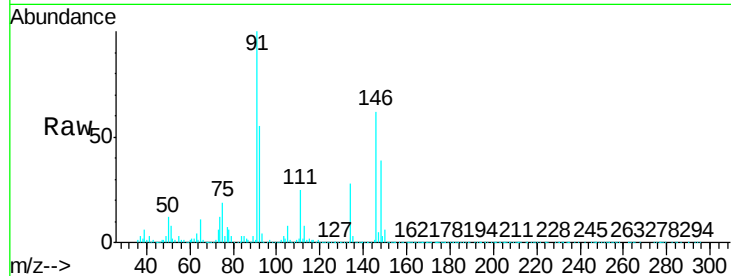




#85
n-Butylbenzene
Concen: 17.115 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

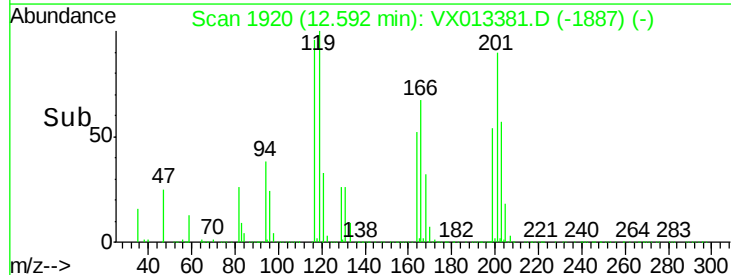
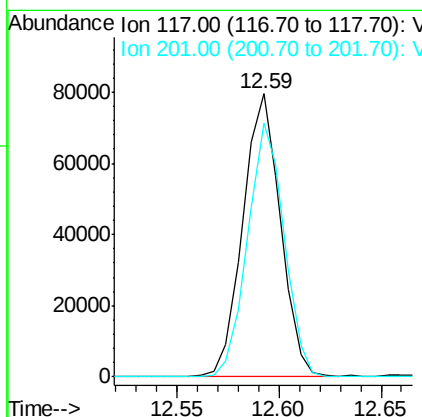
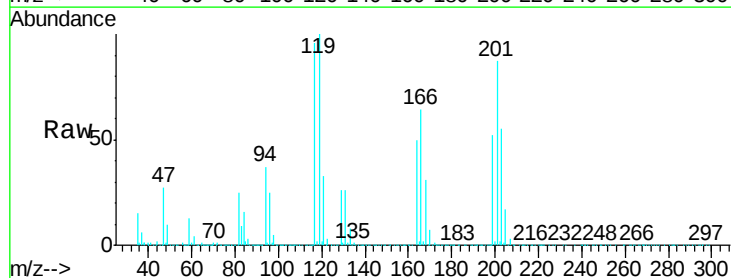
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

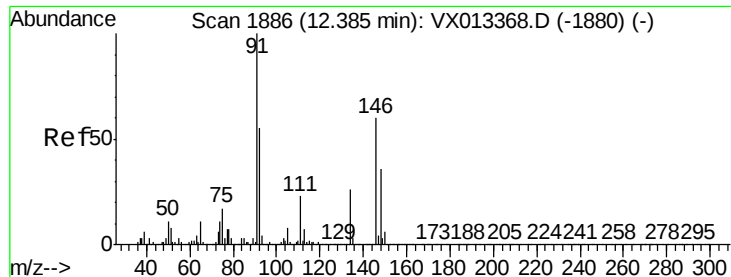
Tgt Ion: 91 Resp: 485675
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.0
134 26.7 0.0 53.0



#86
Hexachloroethane
Concen: 16.766 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 117 Resp: 101156
Ion Ratio Lower Upper
117 100
201 87.7 44.5 133.3

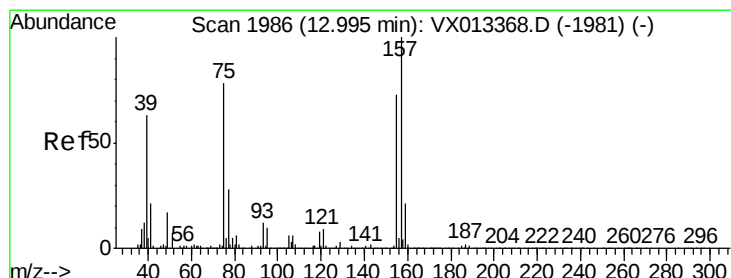
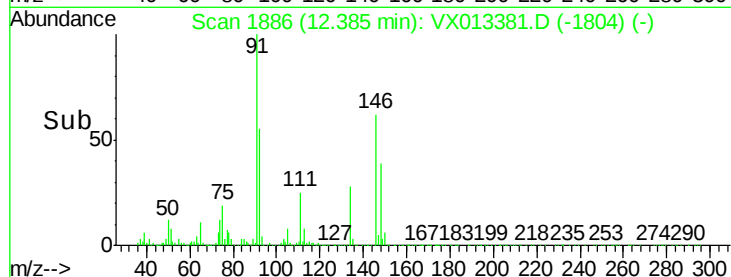
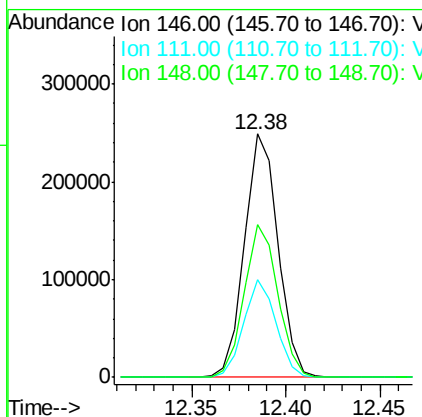
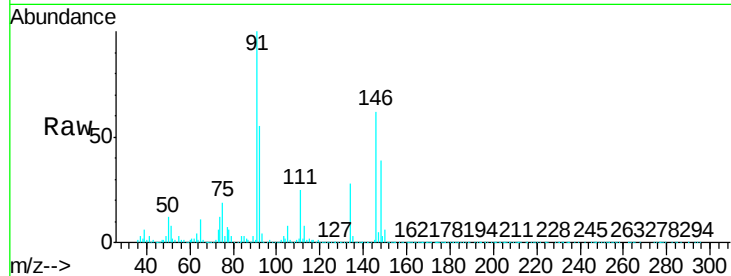




#87
 1,2-Dichlorobenzene
 Concen: 17.982 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

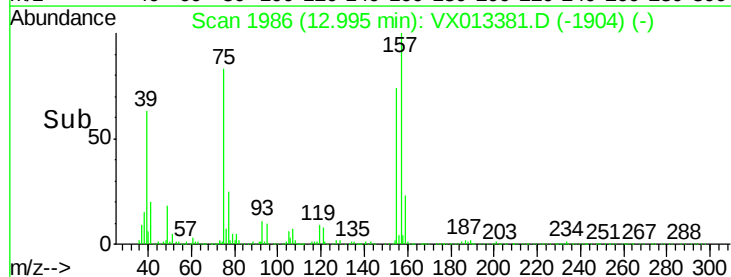
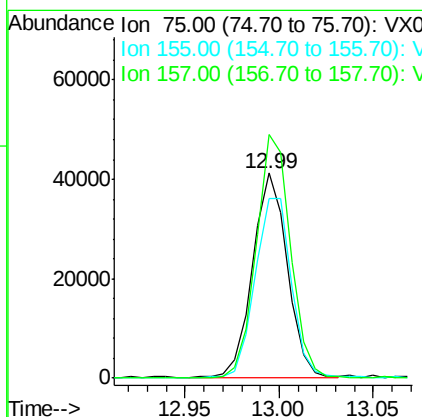
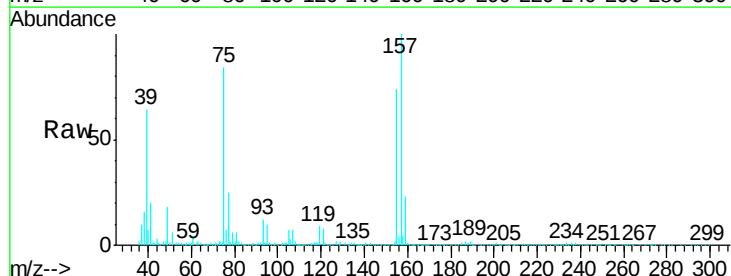
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

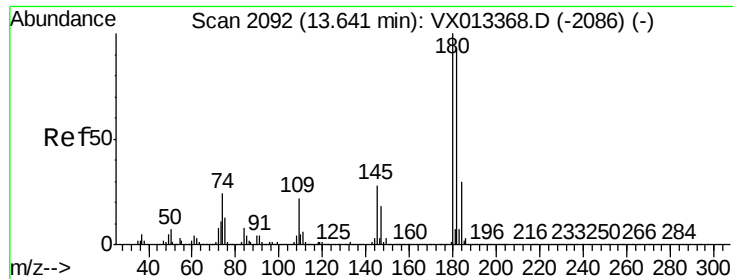
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	63.0	31.6	94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.727 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	76.9	115.3
157	117.7	101.2	151.8

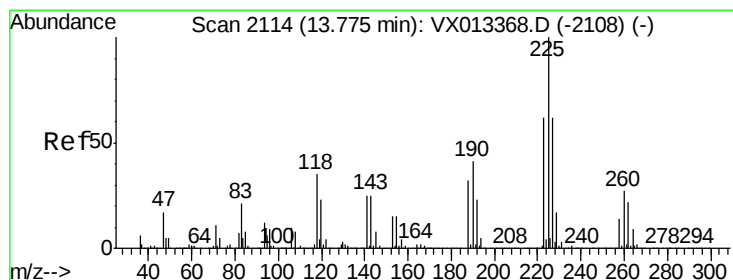
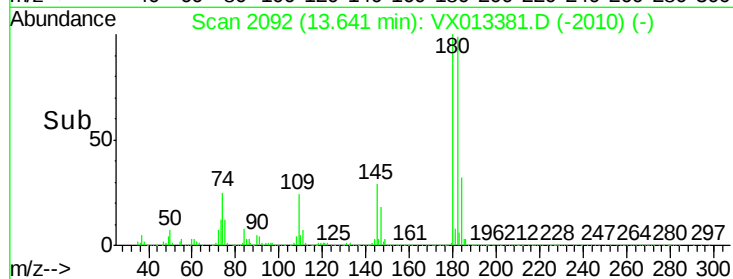
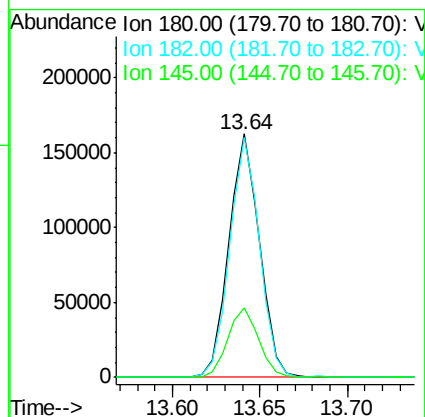
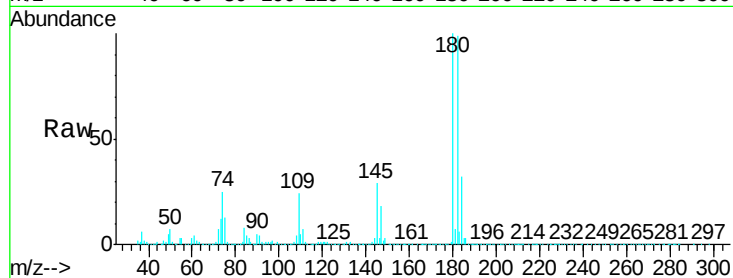




#89
 1,2,4-Trichlorobenzene
 Concen: 16.762 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

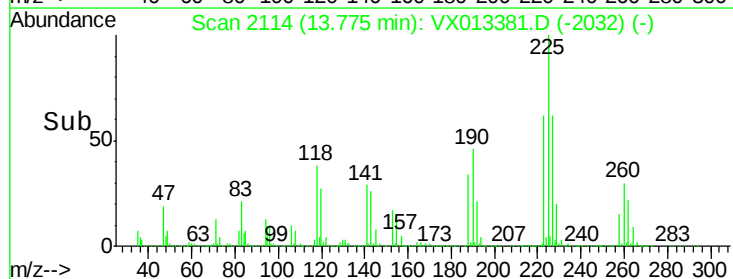
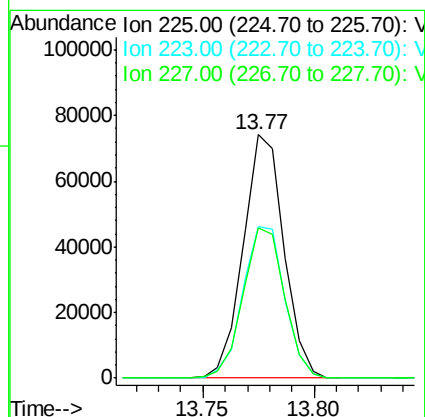
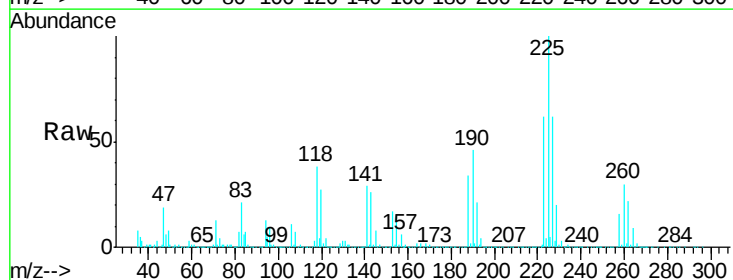
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

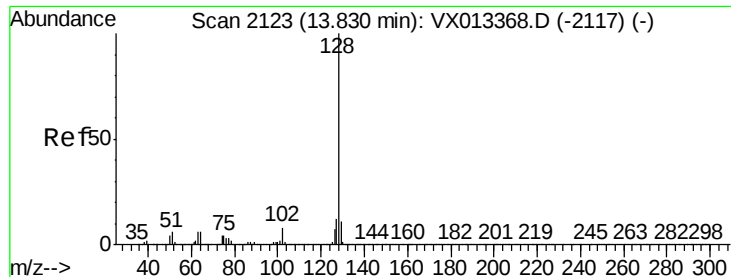
Tgt Ion:180 Resp: 197615
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.7 112.1
 145 28.9 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 16.765 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion:225 Resp: 94713
 Ion Ratio Lower Upper
 225 100
 223 64.2 0.0 123.0
 227 63.0 0.0 121.8

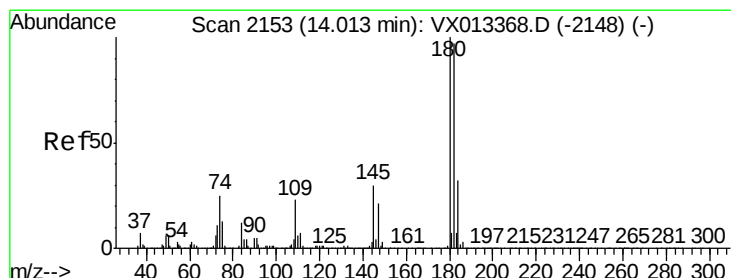
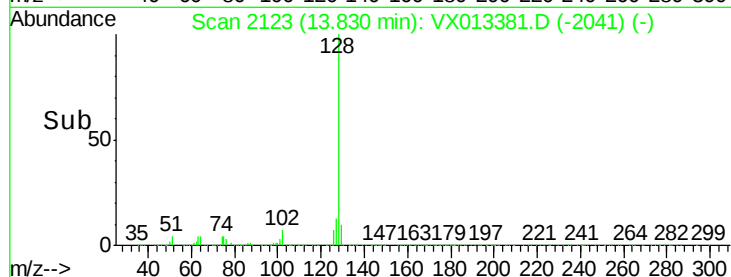
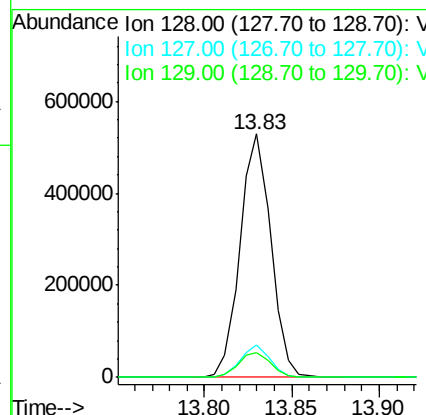
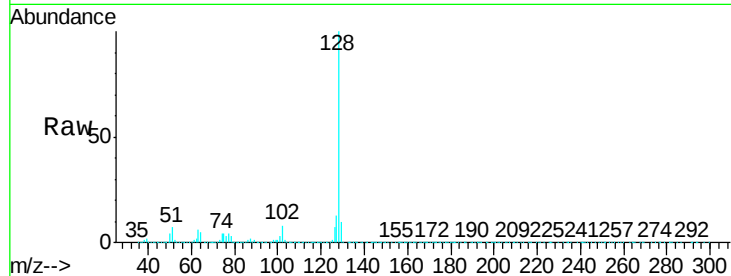




#91
Naphthalene
Concen: 17.375 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampled :
VX1112WBSD01

Tgt Ion:128 Resp: 648577
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 17.068 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion:180 Resp: 203357
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 30.6 0.0 59.0

