

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
 Data File : VX014633.D
 Acq On : 16 Jan 2020 13:14
 Operator : JC/SP
 Sample : VX0116WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Quant Time: Jan 17 05:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	73147	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	393352	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	361141	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	155573	30.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.87%
60) 4-Bromofluorobenzene	11.13	95	173477	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	490487	30.07	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	102073	20.192 ug/l	99
3) Chloromethane	1.32	50	105946	19.143 ug/l	94
4) Vinyl Chloride	1.40	62	119812	19.280 ug/l	97
5) Bromomethane	1.64	94	69849	18.012 ug/l	99
6) Chloroethane	1.72	64	67789	19.350 ug/l	96
7) Trichlorofluoromethane	1.92	101	133496	19.401 ug/l	100
8) Diethyl Ether	2.17	74	60978	20.289 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80878	20.090 ug/l	98
10) 1,1-Dichloroethene	2.37	96	77568	19.156 ug/l	98
11) Methyl Iodide	2.50	142	100211	18.453 ug/l	99
12) Methyl Acetate	2.76	43	150358	20.555 ug/l	97
13) Acrolein	2.28	56	68522	89.182 ug/l	99
14) Acrylonitrile	3.12	53	247269	98.791 ug/l	100
15) Acetone	2.43	58	74016	88.208 ug/l	93
16) Carbon Disulfide	2.56	76	206135	18.536 ug/l	98
17) Allyl chloride	2.72	41	139134	18.566 ug/l	96
18) Methylene Chloride	2.84	84	93261	19.679 ug/l	94
19) trans-1,2-Dichloroethene	3.15	96	84836	19.462 ug/l	96
20) Diisopropyl ether	3.84	45	293939	19.825 ug/l	96
21) 1,1-Dichloroethane	3.69	63	152489	18.931 ug/l	98
22) cis-1,2-Dichloroethene	4.58	96	97915	19.547 ug/l	98
23) tert-Butyl Alcohol	3.02	59	106055	102.456 ug/l #	100
24) Methyl tert-Butyl Ether	3.18	73	263829	19.578 ug/l	98
25) Chloroform	5.20	83	151720	19.445 ug/l	96
26) Cyclohexane	5.57	56	142296	19.152 ug/l	98
29) 1,1-Dichloropropene	5.79	75	113665	19.703 ug/l	99
30) 2-Butanone	4.65	43	349295	95.584 ug/l	99
31) 2,2-Dichloropropane	4.57	77	116169	18.820 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	124045	19.436 ug/l	100
33) Carbon Tetrachloride	5.77	117	107150	19.556 ug/l	97
34) Benzene	6.13	78	352244	19.760 ug/l	99
35) Methacrylonitrile	5.03	41	71805	19.674 ug/l	95
36) 1,2-Dichloroethane	6.18	62	122712	19.781 ug/l	99
37) Trichloroethene	7.20	130	97208	19.916 ug/l	93
38) Methylcyclohexane	7.45	83	143838	20.026 ug/l	98
39) 1,2-Dichloropropane	7.50	63	89136	19.229 ug/l	94
40) Dibromomethane	7.65	93	59304	19.907 ug/l	99

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 Data File : VX014633.D
 Acq On : 16 Jan 2020 13:14
 Operator : JC/SP
 Sample : VX0116WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Quant Time: Jan 17 05:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	113935	19.530	ug/l	99
42) Vinyl Acetate	3.80	43	1138645	101.092	ug/l	100
43) Ethyl Acetate	4.81	43	126543	19.129	ug/l	100
44) Isopropyl Acetate	6.43	43	215149	20.161	ug/l	100
45) 1,4-Dioxane	7.73	88	45149	422.943	ug/l	100
46) Methyl methacrylate	7.76	41	104538	19.920	ug/l	98
47) n-amyl Acetate	10.89	43	174638	19.530	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	123229	19.347	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	139630	19.456	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	90442	19.951	ug/l	99
51) Ethyl methacrylate	9.17	69	136821	19.385	ug/l	96
52) 1,3-Dichloropropane	9.36	76	153840	20.030	ug/l	97
53) Dibromochloromethane	9.57	129	90589	19.537	ug/l	98
54) 1,2-Dibromoethane	9.67	107	94817	20.168	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	321271	99.041	ug/l	99
56) Bromoform	10.85	173	66998	18.759	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	683129	100.447	ug/l	99
59) 2-Hexanone	9.48	43	518923	98.660	ug/l	99
61) Tetrachloroethene	9.33	164	105238	19.715	ug/l	96
62) Toluene	8.78	91	376068	19.627	ug/l	99
64) Chlorobenzene	10.13	112	235572	19.695	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	87357	19.775	ug/l	99
66) Ethyl Benzene	10.25	91	406327	19.470	ug/l	98
67) m/p-Xylenes	10.35	106	314257	39.312	ug/l	100
68) o-Xylene	10.69	106	150539	19.339	ug/l	99
69) Styrene	10.71	104	253306	19.206	ug/l	99
70) Isopropylbenzene	11.01	105	398965	19.564	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	134461	19.574	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	156863	26.696	ug/l	95
73) Bromobenzene	11.25	156	104569	19.343	ug/l	99
74) n-propylbenzene	11.35	91	456937	19.609	ug/l	98
75) 2-Chlorotoluene	11.42	91	270538	19.371	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	332456	19.565	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	42370	18.736	ug/l	97
78) 4-Chlorotoluene	11.51	91	308459	19.448	ug/l	98
79) tert-butylbenzene	11.76	119	313044	19.688	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	331620	19.566	ug/l	98
81) sec-Butylbenzene	11.94	105	385980	19.618	ug/l	99
82) p-Isopropyltoluene	12.06	119	353542	19.683	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	183291	19.418	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	184299	19.694	ug/l	100
85) n-Butylbenzene	12.39	91	297081	18.904	ug/l	99
86) Hexachloroethane	12.59	117	58945	18.301	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	185304	19.456	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28156	19.188	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	122647	19.510	ug/l	99
90) Hexachlorobutadiene	13.78	225	61711	19.646	ug/l	98
91) Naphthalene	13.83	128	372474	19.628	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	123868	19.358	ug/l	98

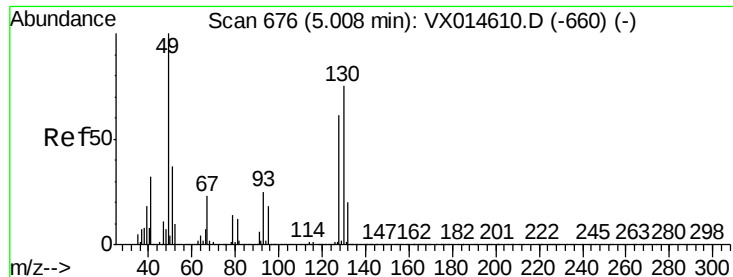
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
Data File : VX014633.D
Acq On : 16 Jan 2020 13:14
Operator : JC/SP
Sample : VX0116WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Quant Time: Jan 17 05:54:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

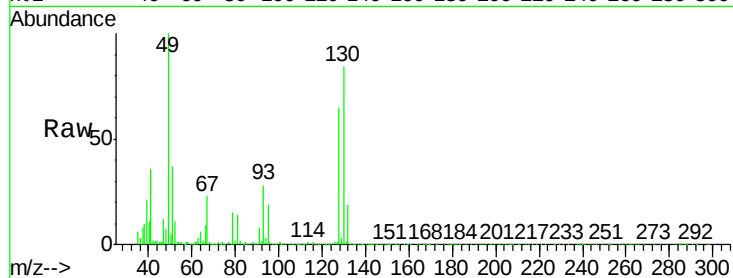
Tot Ion:128 Resp: 73147

Ion Ratio Lower Upper

128 100

49 159.3 0.0 405.0

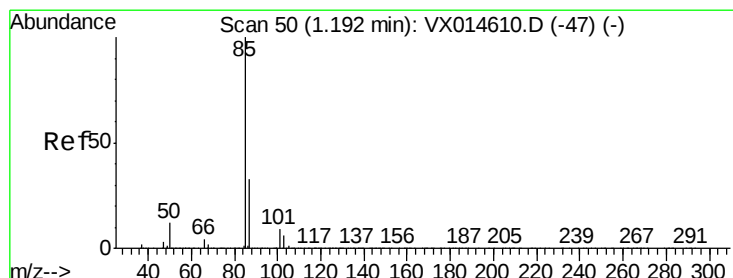
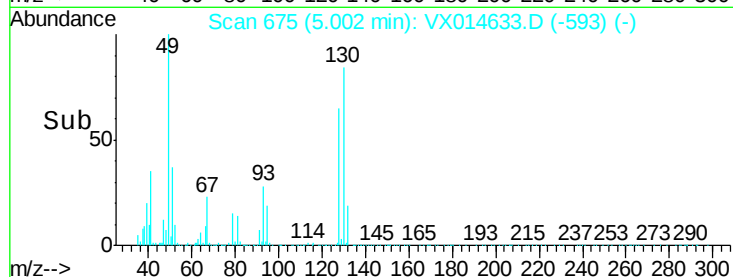
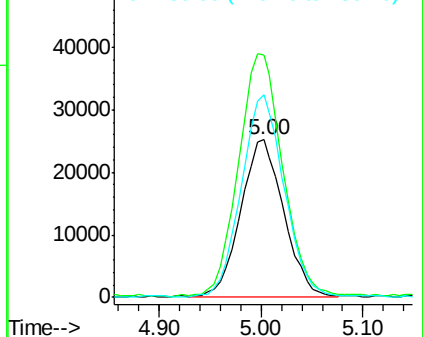
130 129.4 0.0 321.5



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: 20.192 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014633.D

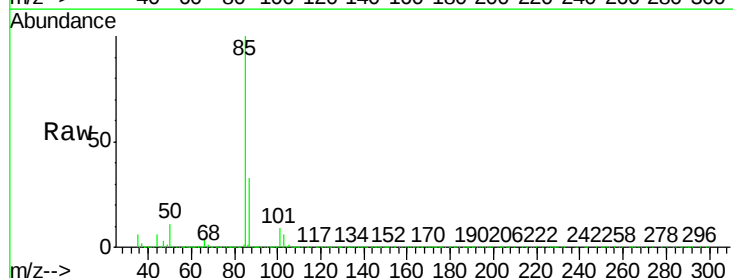
Acq: 16 Jan 2020 13:14

Tgt Ion: 85 Resp: 102073

Ion Ratio Lower Upper

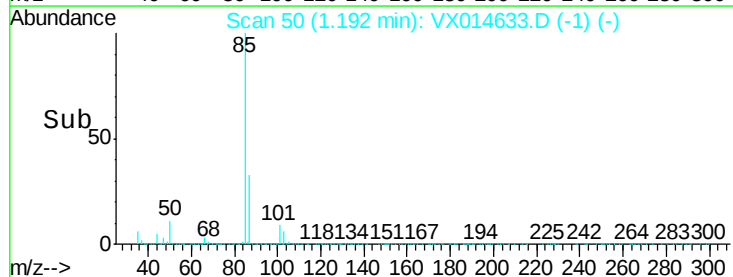
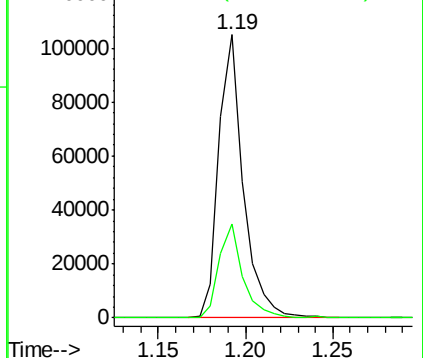
85 100

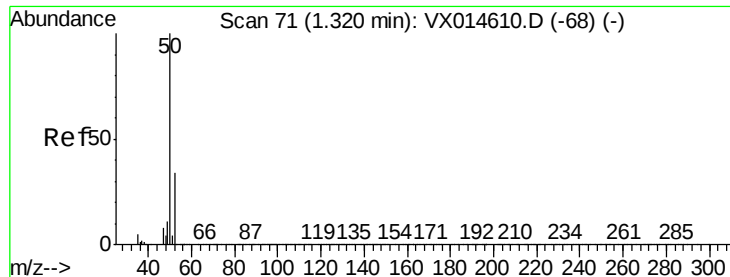
87 33.1 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

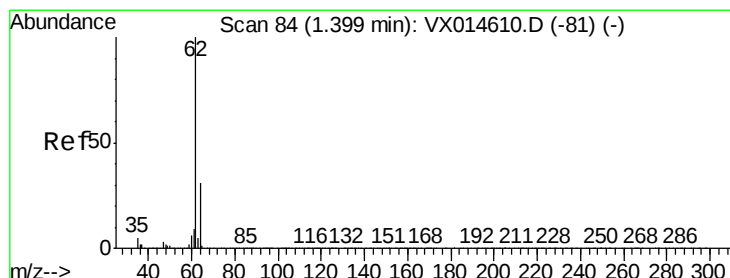
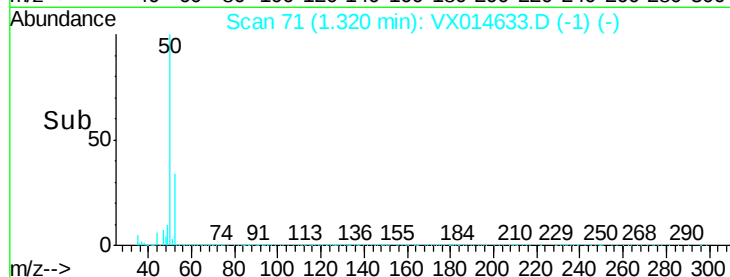
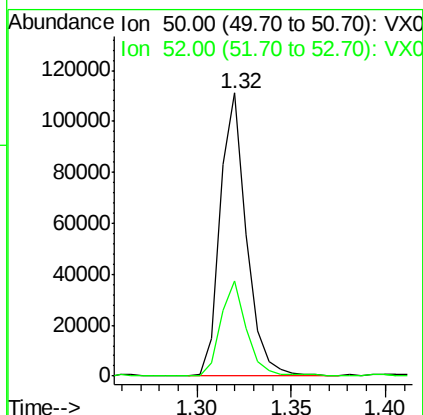
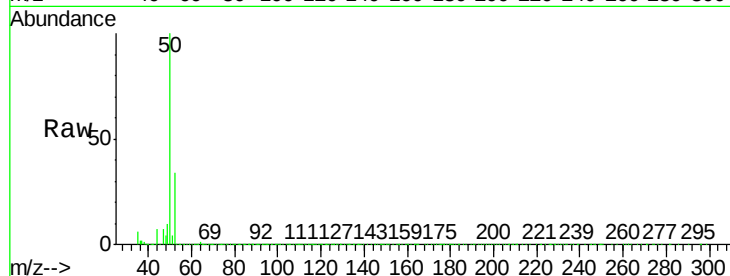




#3
Chloromethane
Concen: 19.143 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

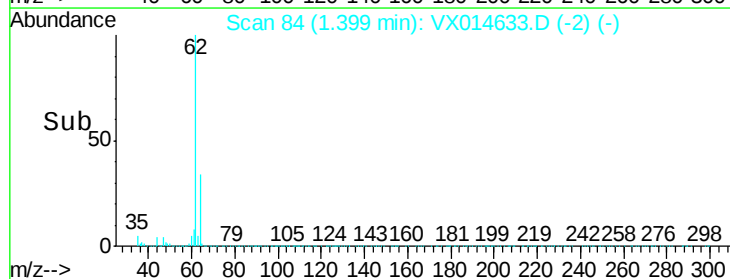
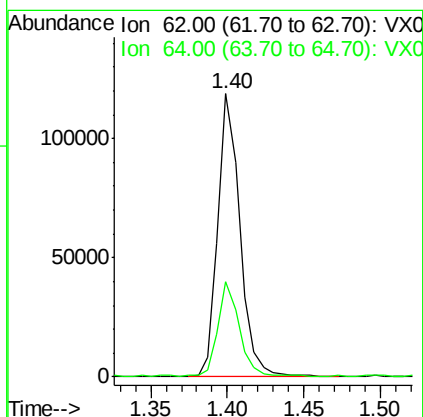
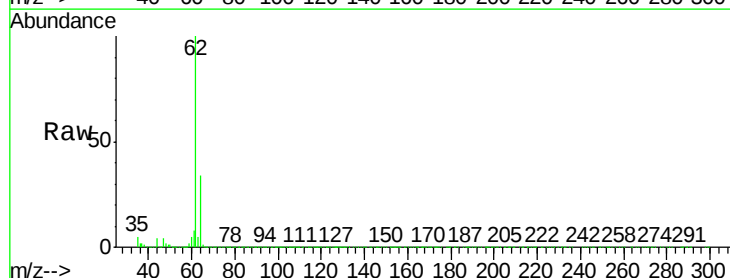
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

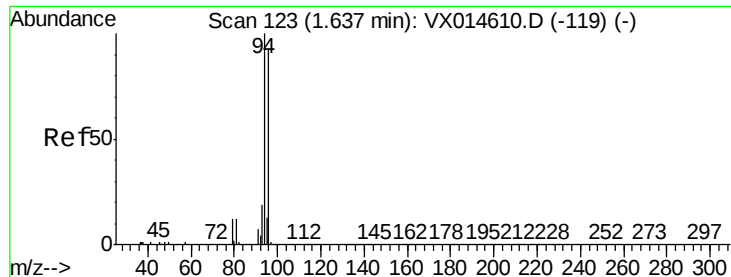
Tot Ion: 50 Resp: 105946
Ion Ratio Lower Upper
50 100
52 33.6 24.3 36.5



#4
Vinyl Chloride
Concen: 19.280 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 62 Resp: 119812
Ion Ratio Lower Upper
62 100
64 33.2 25.2 37.8





#5

Bromomethane

Concen: 18.012 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

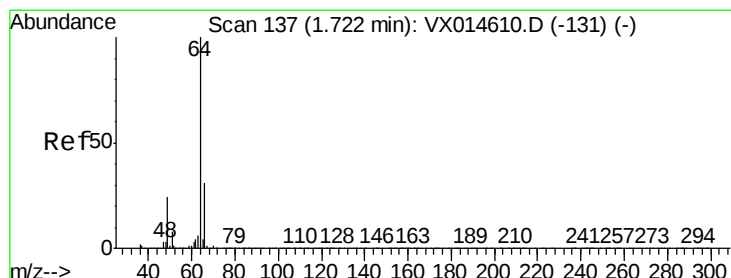
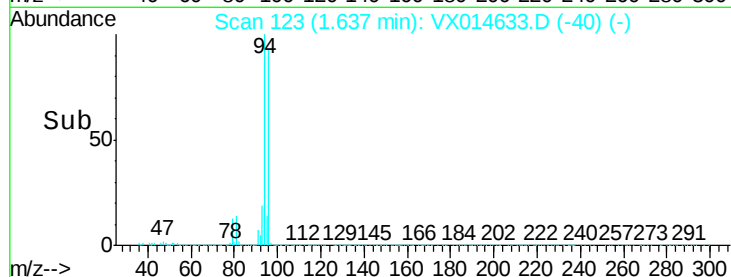
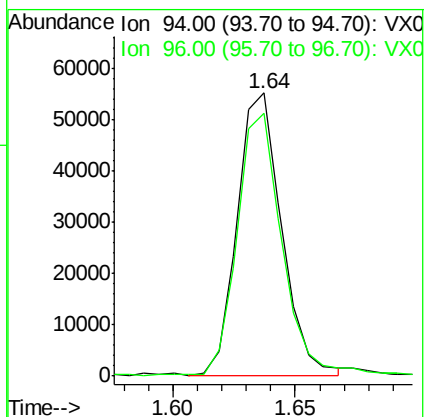
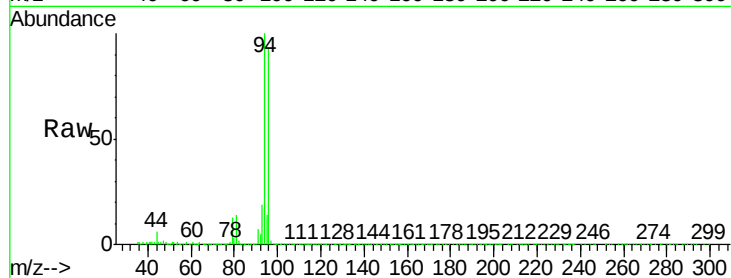
VX0116WBSD01

Tot Ion: 94 Resp: 69849

Ion Ratio Lower Upper

94 100

96 92.4 74.4 111.6



#6

Chloroethane

Concen: 19.350 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014633.D

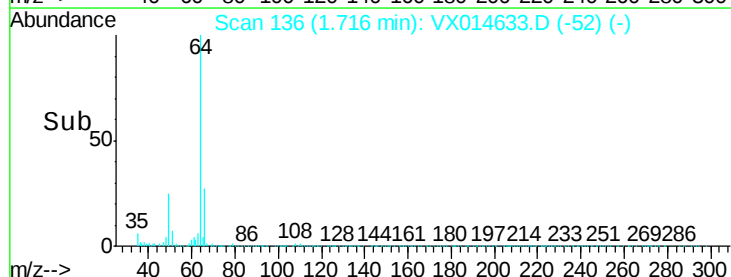
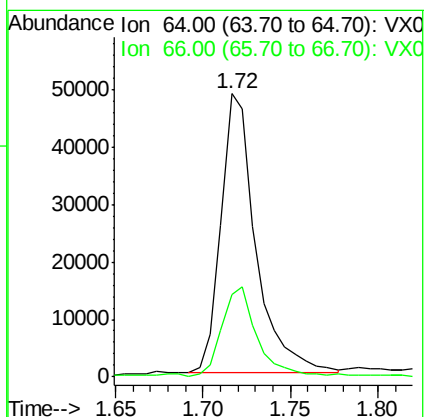
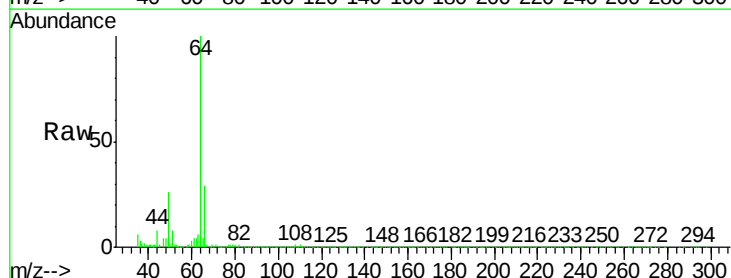
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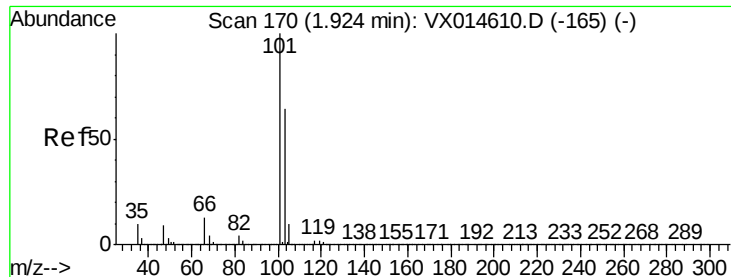
Tgt Ion: 64 Resp: 67789

Ion Ratio Lower Upper

64 100

66 29.1 25.2 37.8



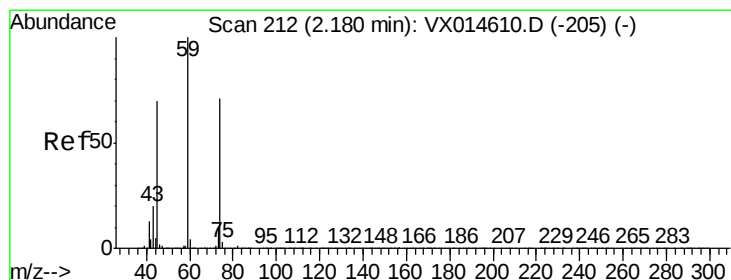
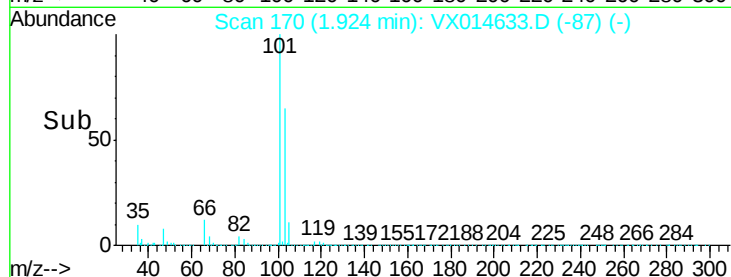
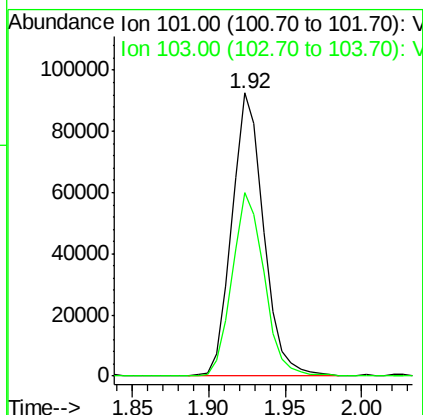
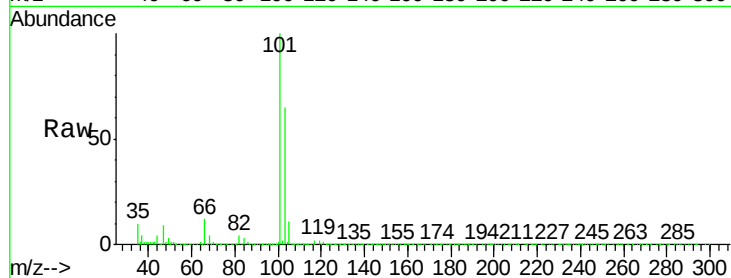


#7

Trichlorofluoromethane
 Concen: 19.401 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

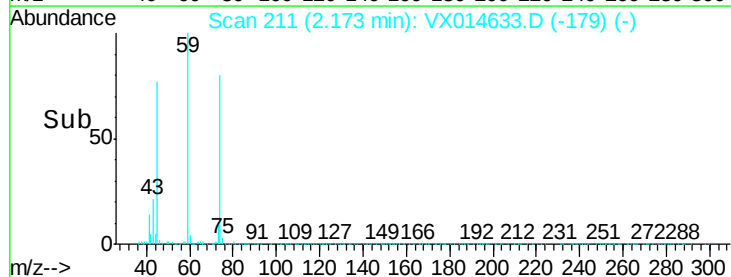
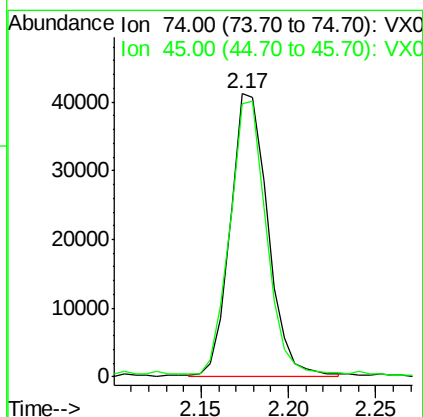
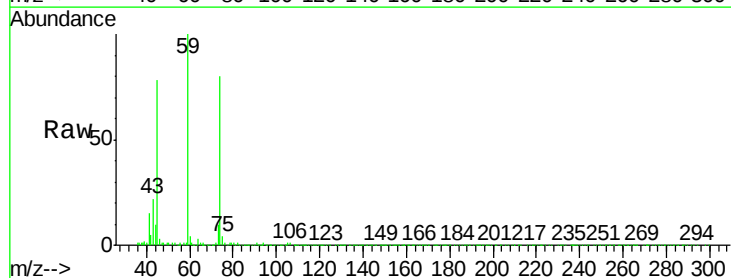
Tot Ion:101 Resp: 133496
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.6 77.4

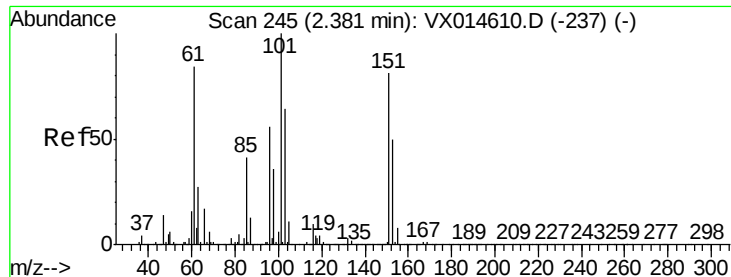


#8

Diethyl Ether
 Concen: 20.289 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion: 74 Resp: 60978
 Ion Ratio Lower Upper
 74 100
 45 95.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.090 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

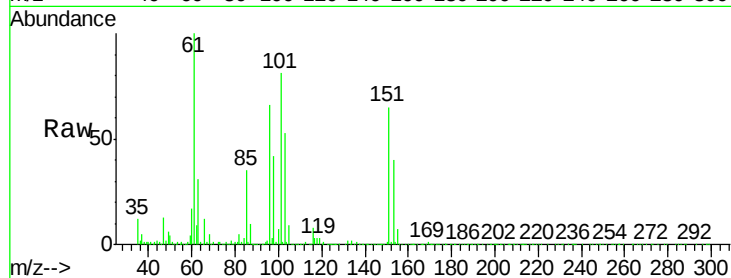
Tot Ion:101 Resp: 80878

Ion Ratio Lower Upper

101 100

85 42.1 0.0 85.6

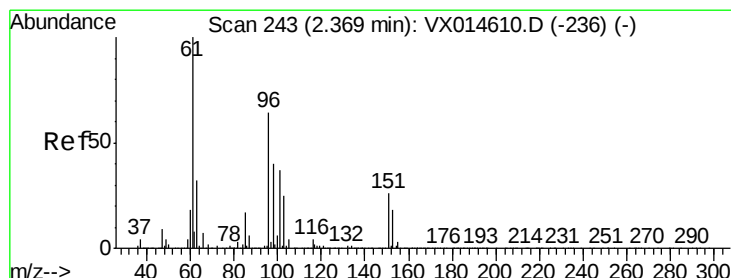
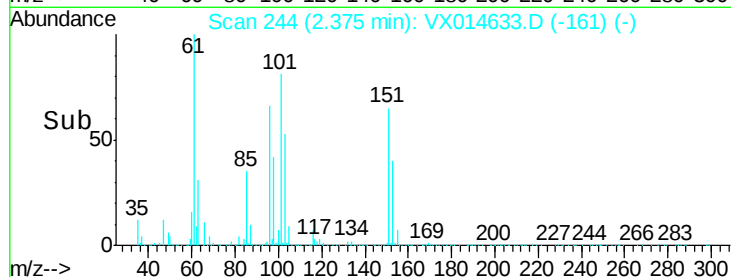
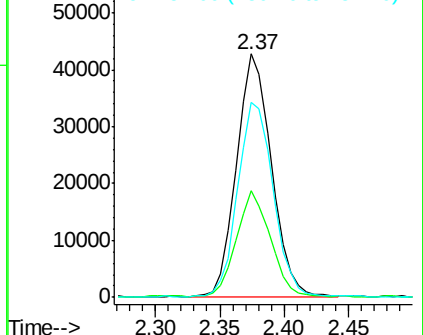
151 81.3 0.0 159.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.156 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

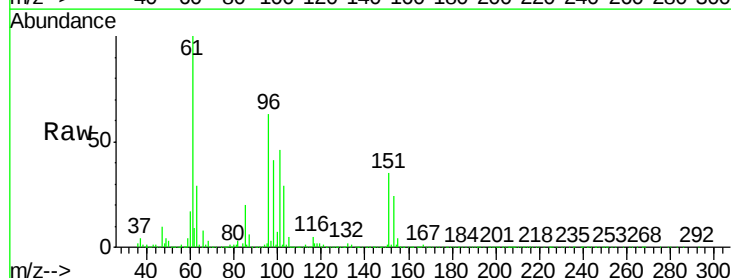
Tgt Ion: 96 Resp: 77568

Ion Ratio Lower Upper

96 100

61 157.9 123.0 184.6

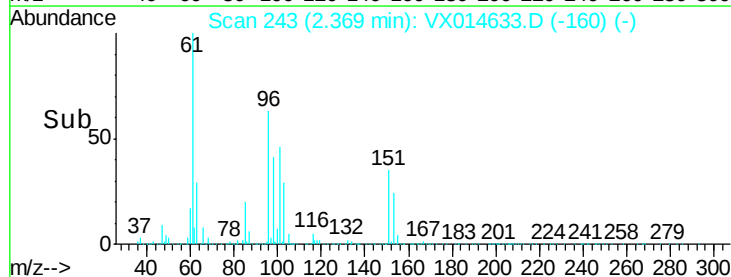
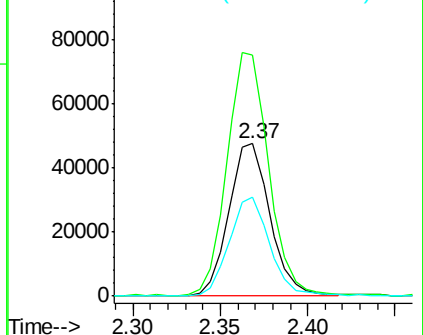
98 64.5 51.4 77.0

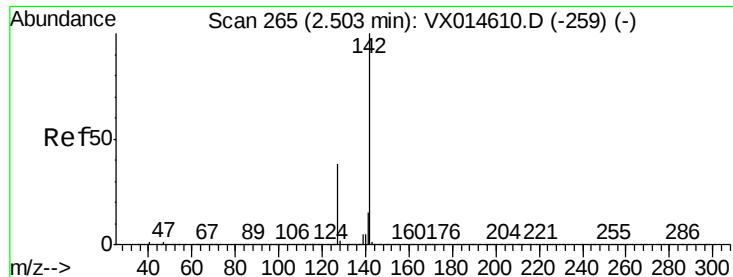


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

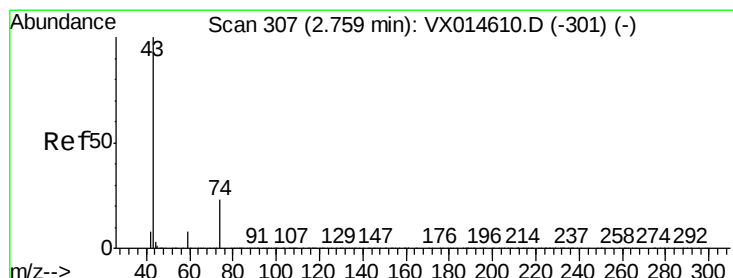
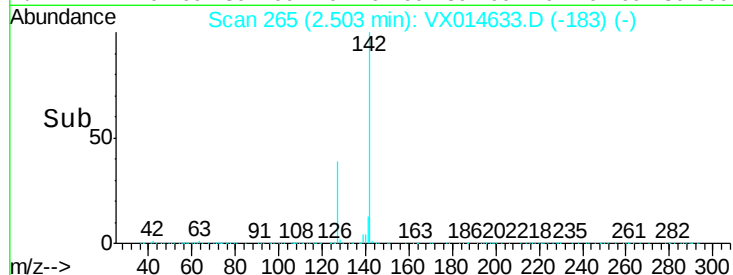
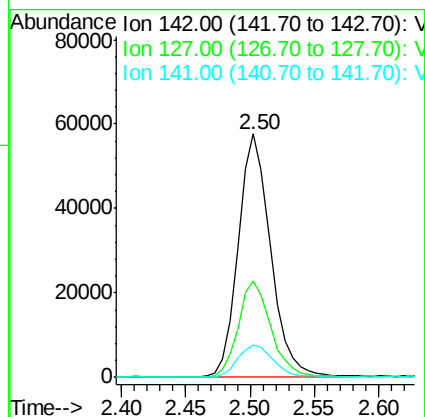
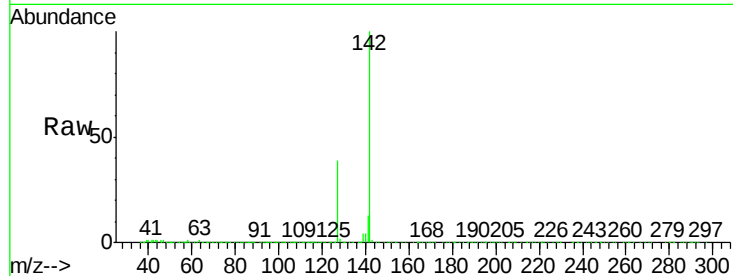




#11
Methvl Iodide
Concen: 18.453 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

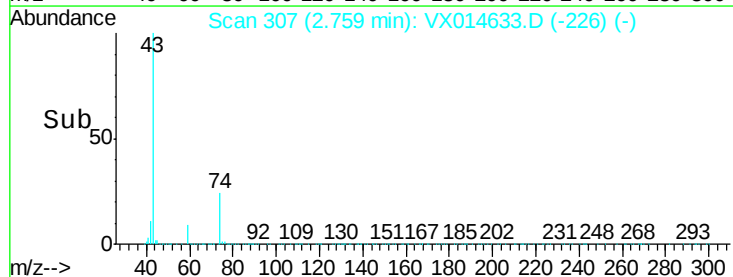
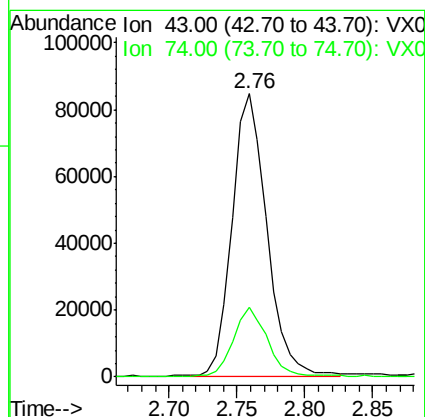
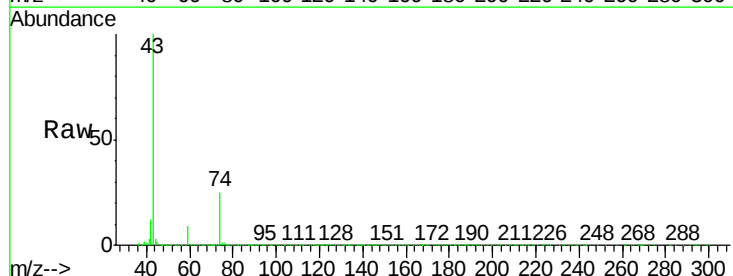
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

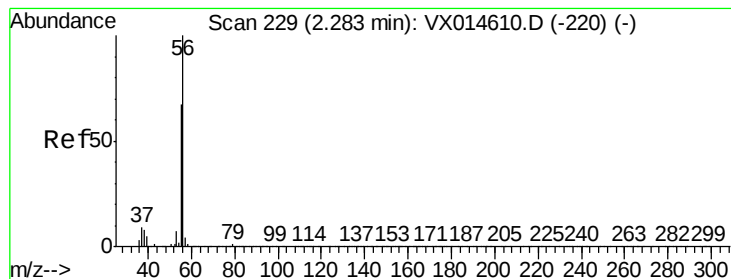
Tot Ion:142 Resp: 100211
Ion Ratio Lower Upper
142 100
127 39.3 19.5 58.5
141 13.2 7.0 20.9



#12
Methyl Acetate
Concen: 20.555 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 43 Resp: 150358
Ion Ratio Lower Upper
43 100
74 24.4 18.5 27.7





#13

Acrolein

Concen: 89.182 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

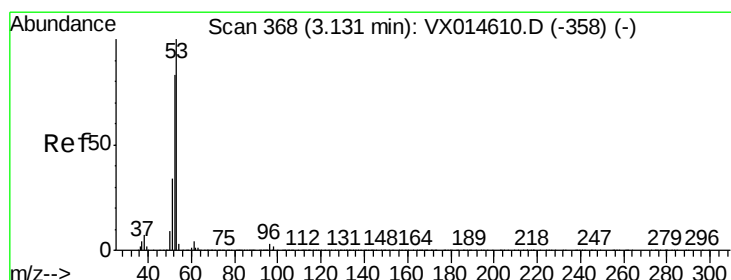
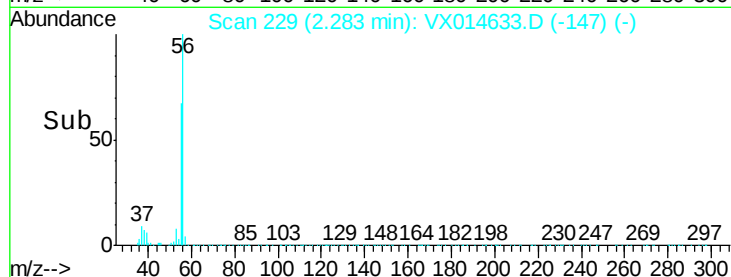
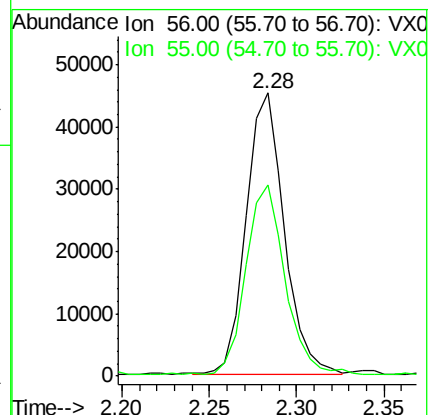
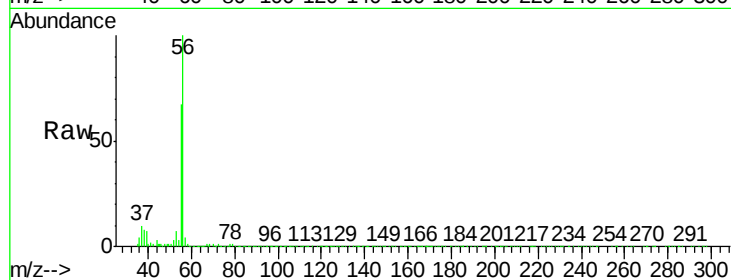
VX0116WBSD01

Tot Ion: 56 Resp: 68522

Ion Ratio Lower Upper

56 100

55 67.7 54.9 82.3



#14

Acrylonitrile

Concen: 98.791 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

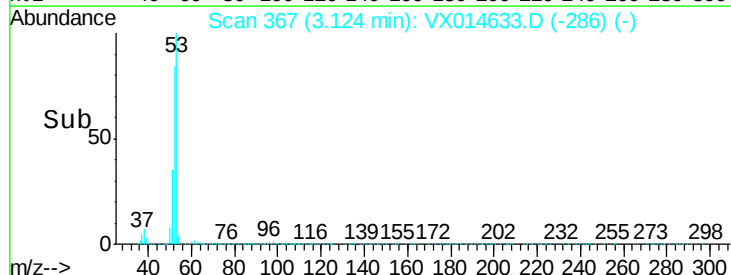
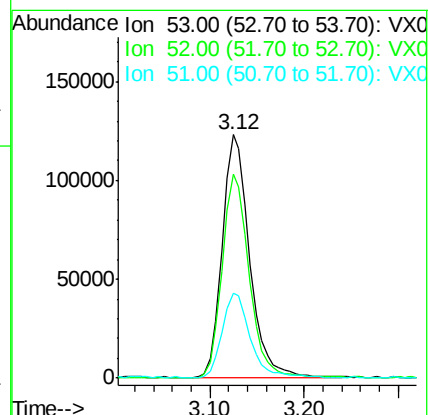
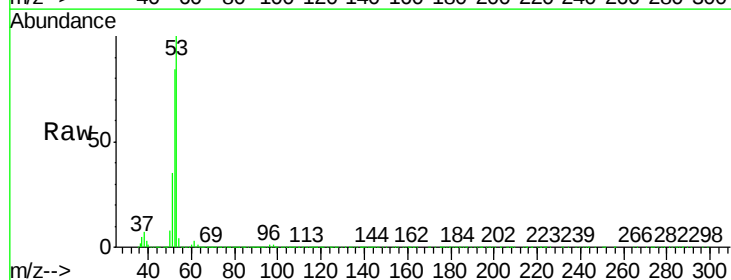
Tgt Ion: 53 Resp: 247269

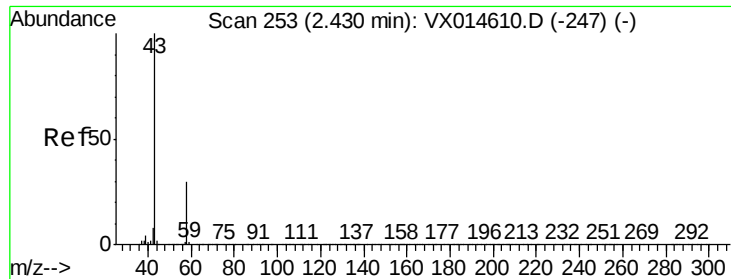
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 35.7 17.8 53.5

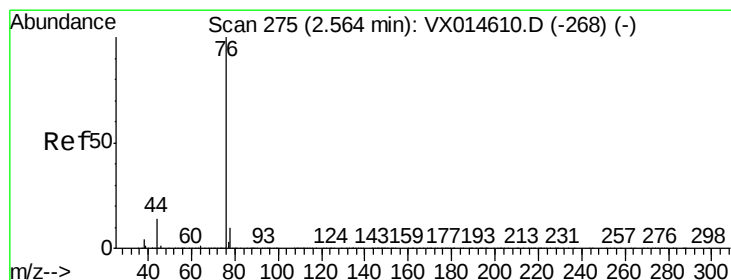
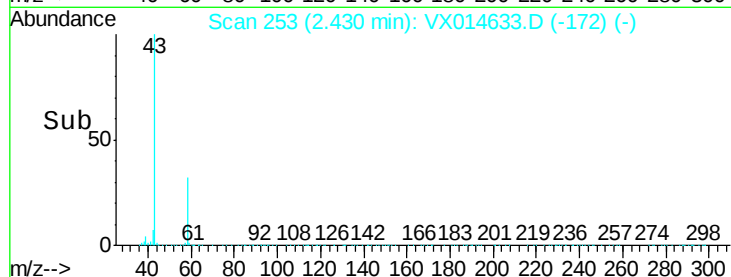
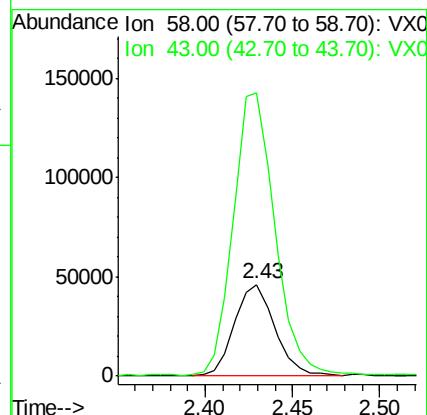
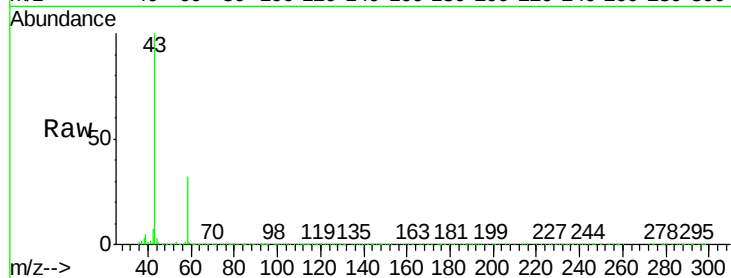




#15
Acetone
Concen: 88.208 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

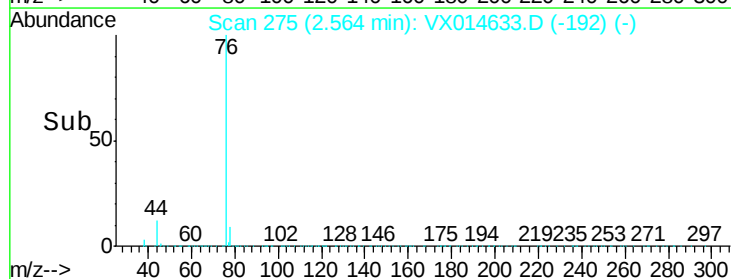
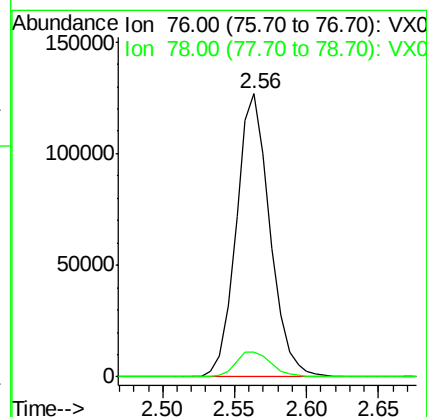
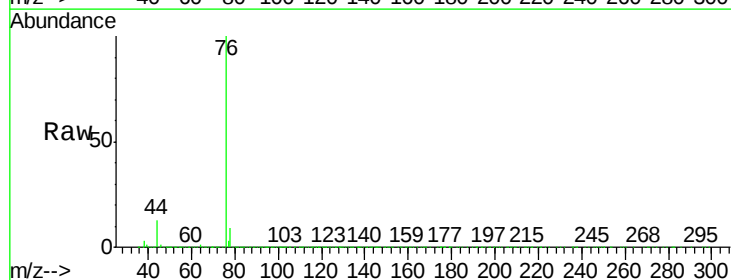
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

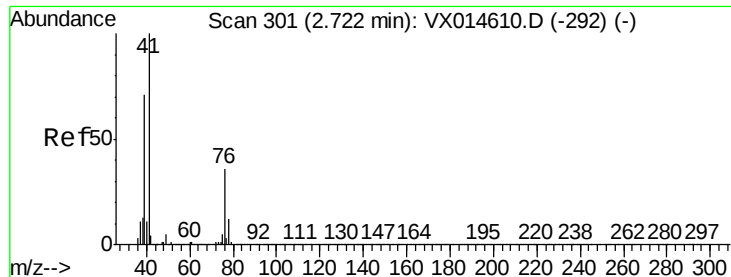
Tot Ion: 58 Resp: 74016
Ion Ratio Lower Upper
58 100
43 309.0 236.3 354.5



#16
Carbon Disulfide
Concen: 18.536 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 76 Resp: 206135
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

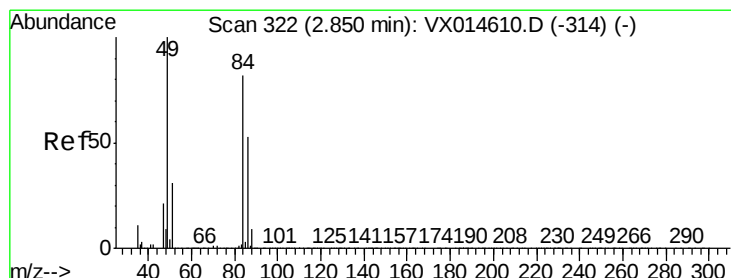
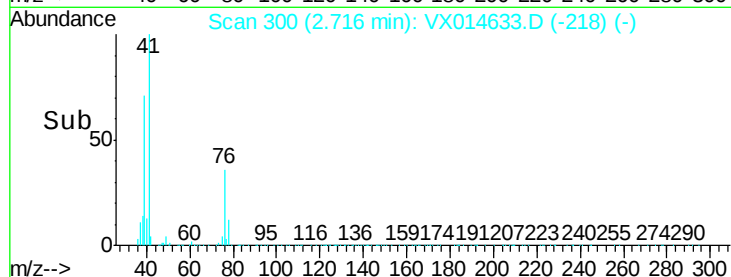
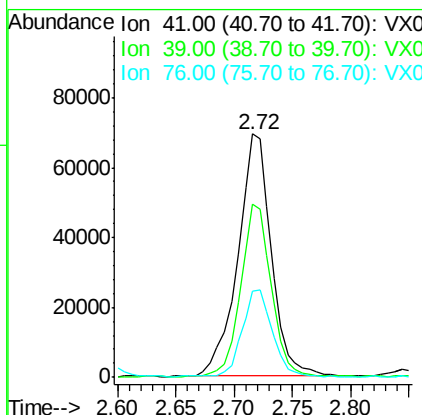
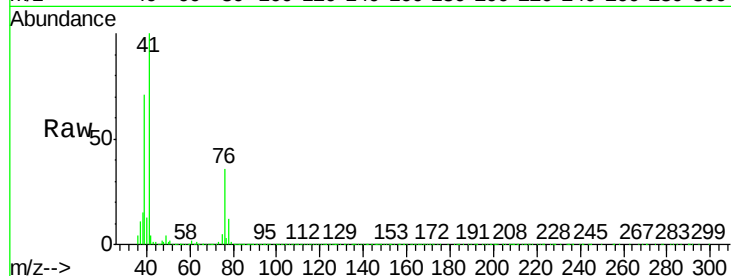




#17
Allvl chloride
Concen: 18.566 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

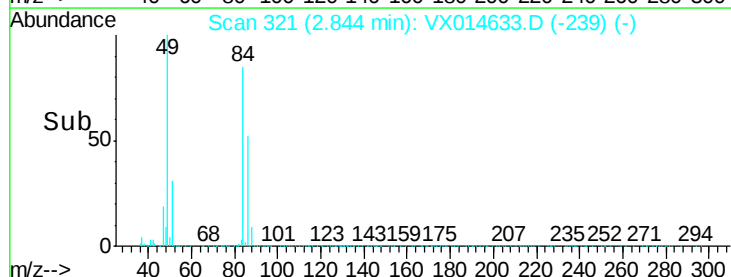
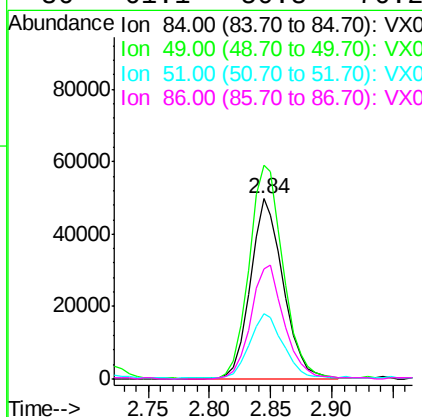
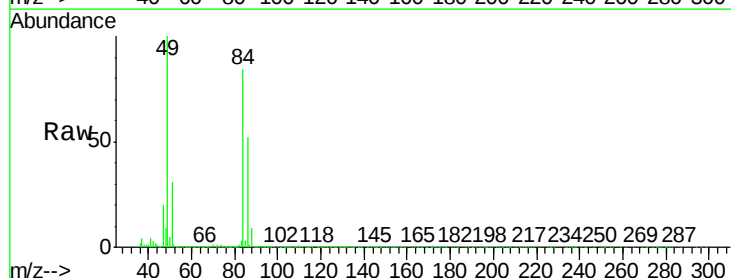
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

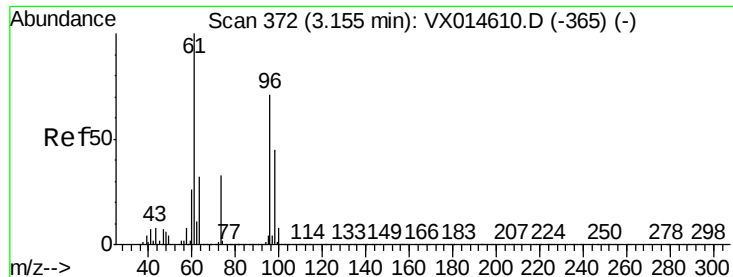
Tot Ion: 41 Resp: 139134
Ion Ratio Lower Upper
41 100
39 70.9 33.4 100.2
76 35.4 17.0 50.9



#18
Methylene Chloride
Concen: 19.679 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 84 Resp: 93261
Ion Ratio Lower Upper
84 100
49 118.2 102.2 153.2
51 36.2 31.4 47.0
86 61.1 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 19.462 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

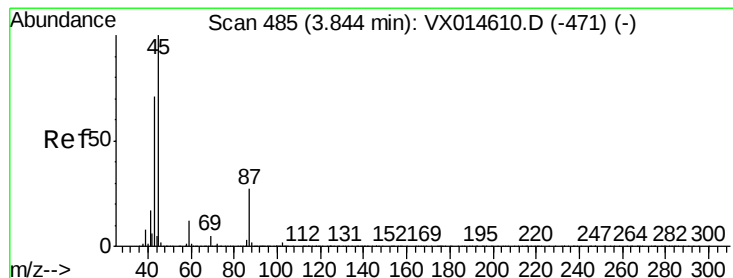
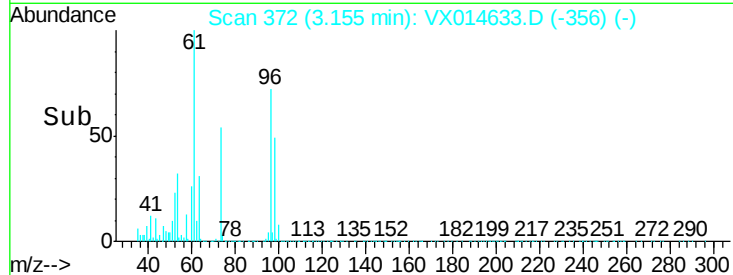
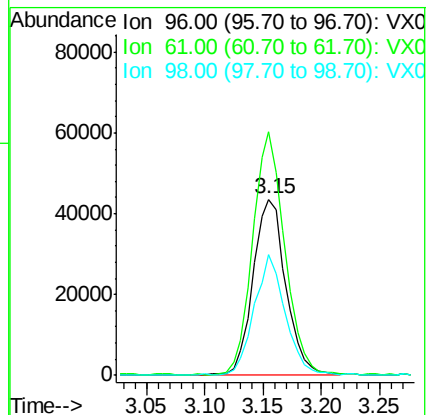
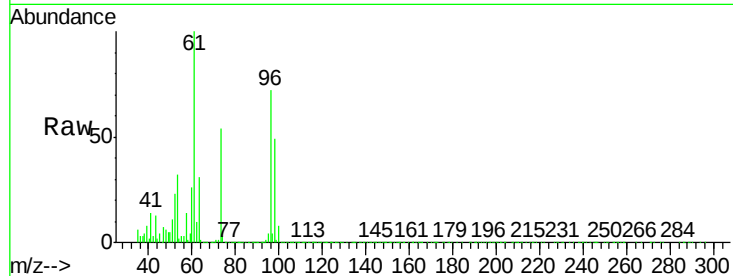
Tot Ion: 96 Resp: 84836

Ion Ratio Lower Upper

96 100

61 138.4 106.6 159.8

98 68.1 51.6 77.4



#20

Diisopropyl ether

Concen: 19.825 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Tgt Ion: 45 Resp: 293939

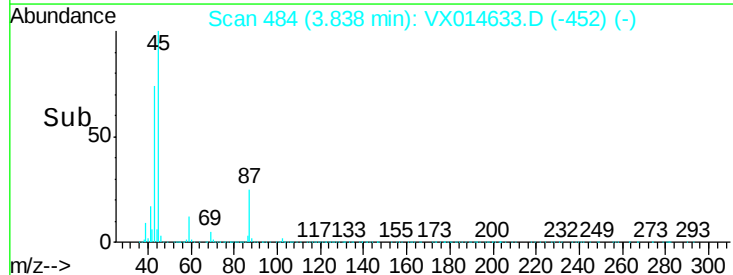
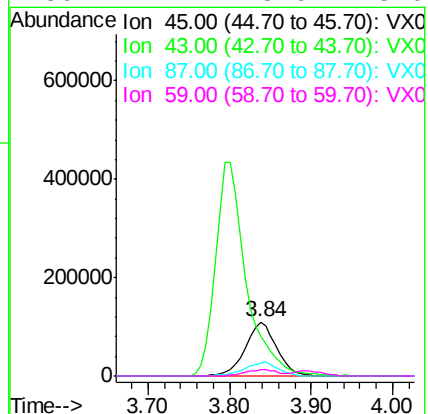
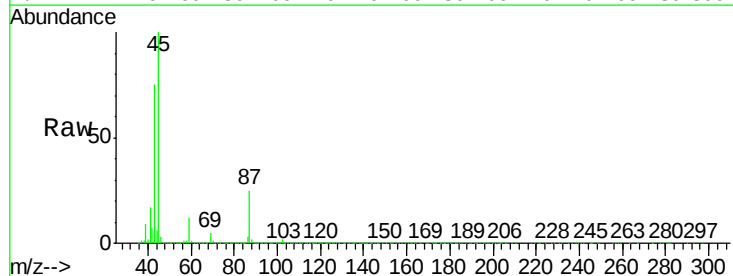
Ion Ratio Lower Upper

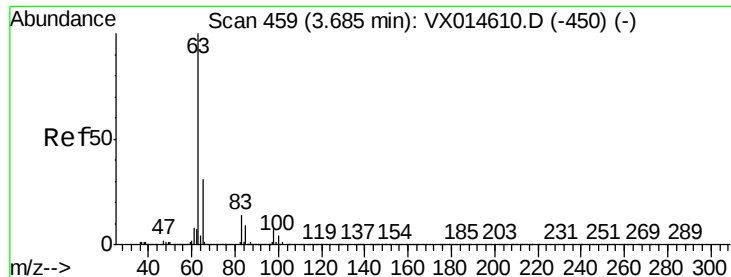
45 100

43 73.4 55.9 83.9

87 24.6 22.2 33.2

59 11.4 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.931 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

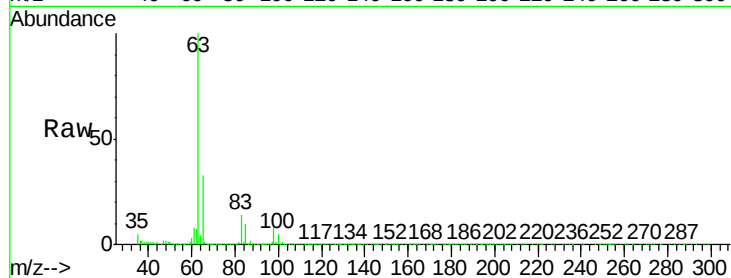
Tot Ion: 63 Resp: 152489

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.1

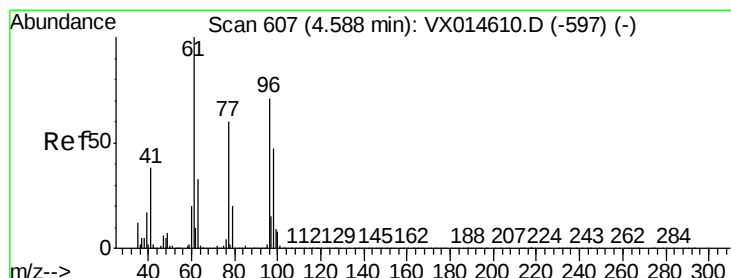
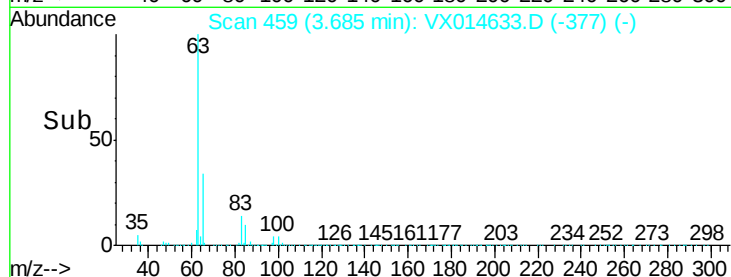
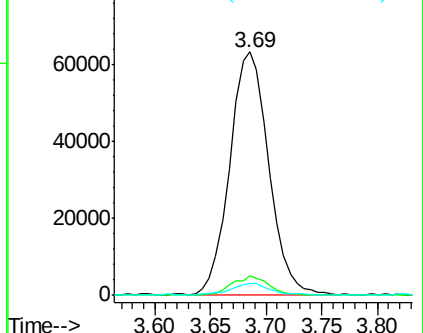
100 4.8 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.547 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

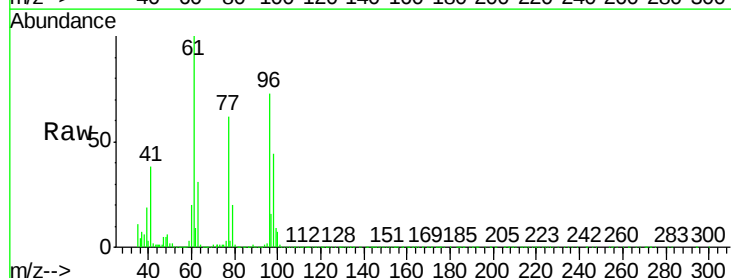
Tgt Ion: 96 Resp: 97915

Ion Ratio Lower Upper

96 100

61 144.0 112.4 168.6

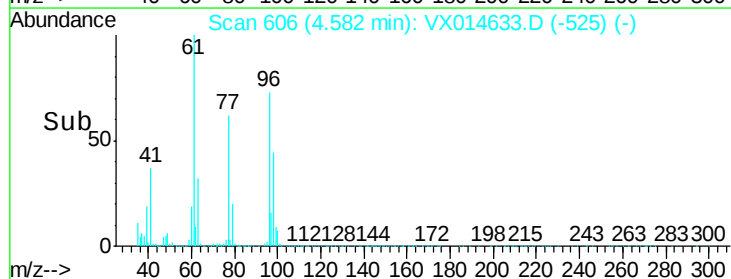
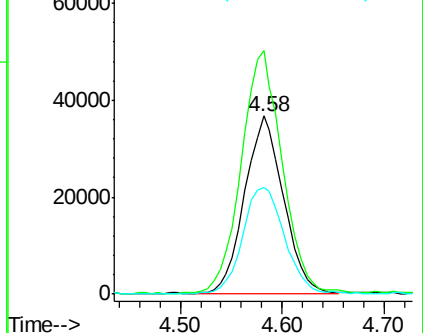
98 63.6 50.3 75.5

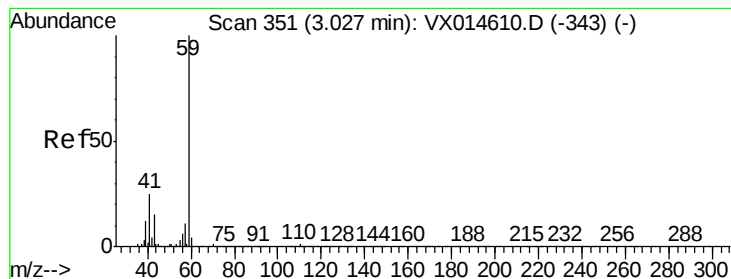


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



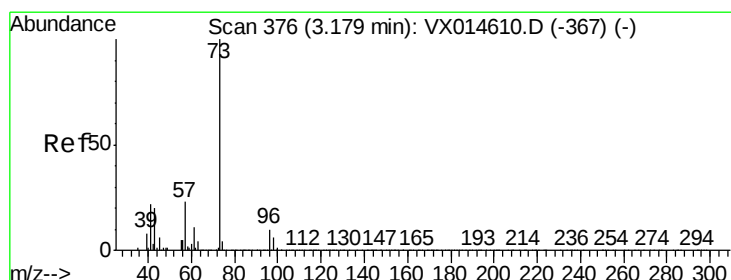
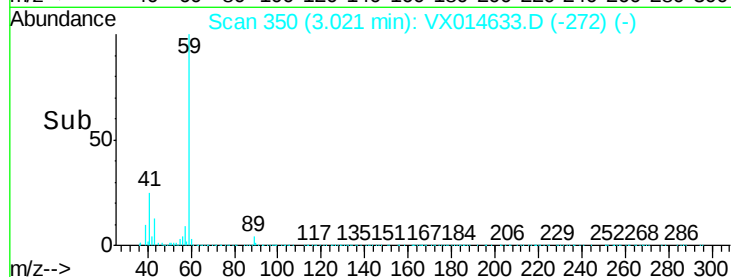
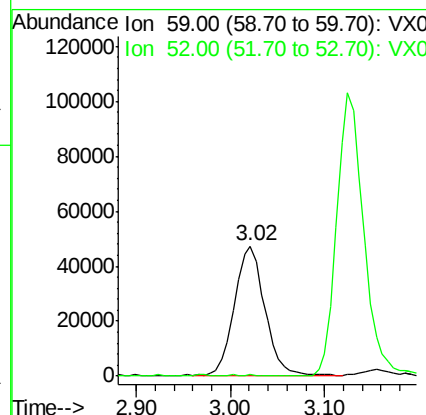
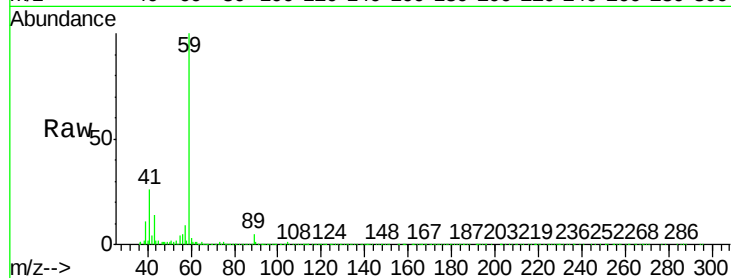


#23

tert-Butyl Alcohol
 Concen: 102.456 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

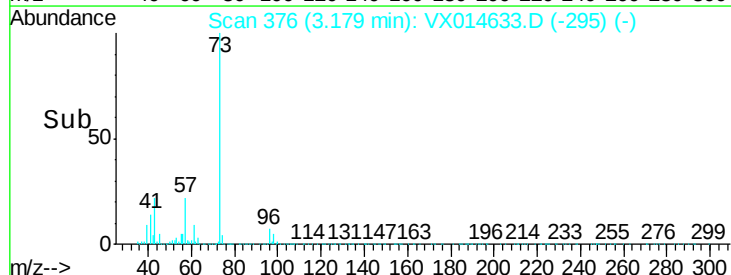
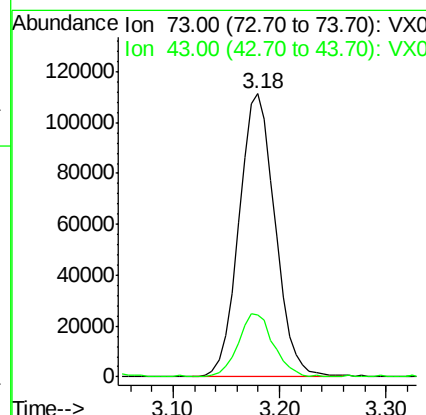
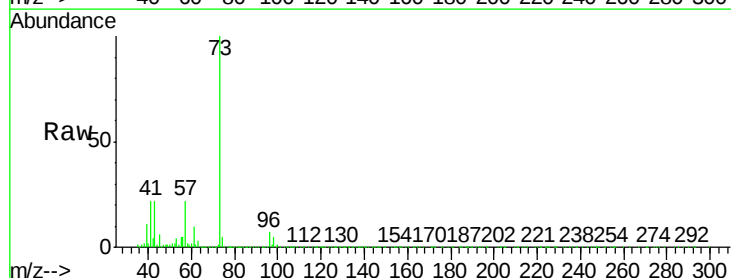
Tot Ion: 59 Resp: 106055
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

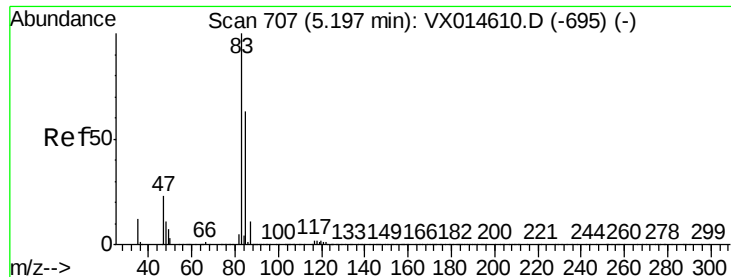


#24

Methyl tert-Butyl Ether
 Concen: 19.578 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion: 73 Resp: 263829
 Ion Ratio Lower Upper
 73 100
 43 21.5 16.6 25.0





#25

Chloroform

Concen: 19.445 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

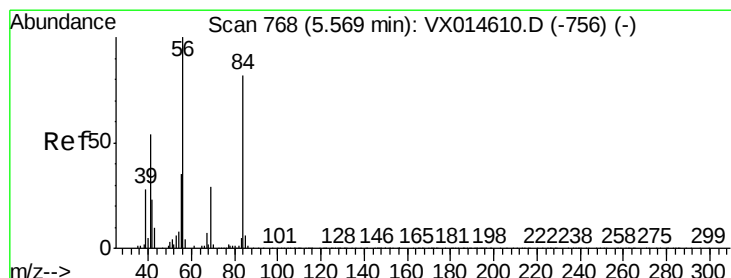
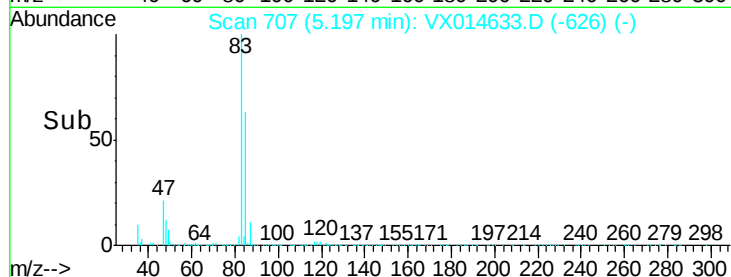
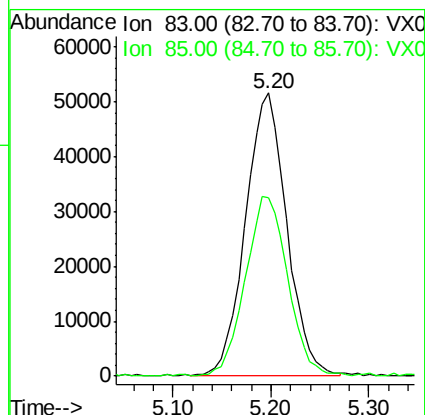
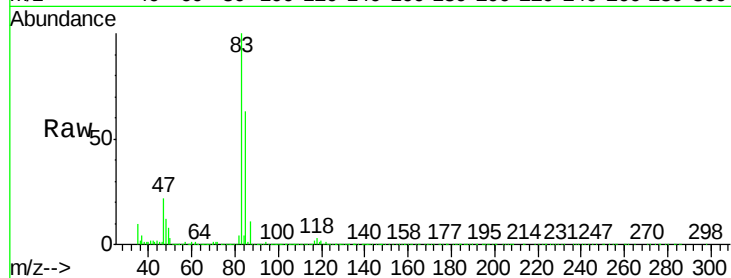
VX0116WBSD01

Tot Ion: 83 Resp: 151720

Ion Ratio Lower Upper

83 100

85 62.9 52.7 79.1



#26

Cyclohexane

Concen: 19.152 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

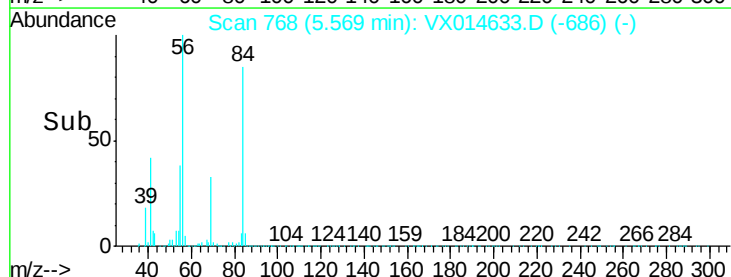
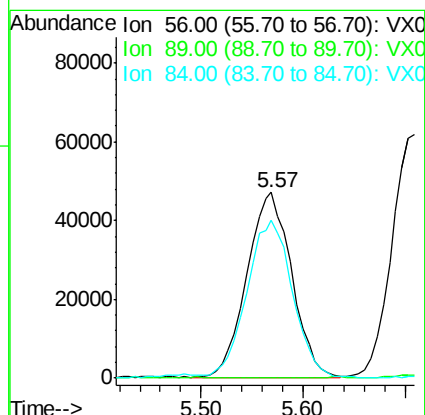
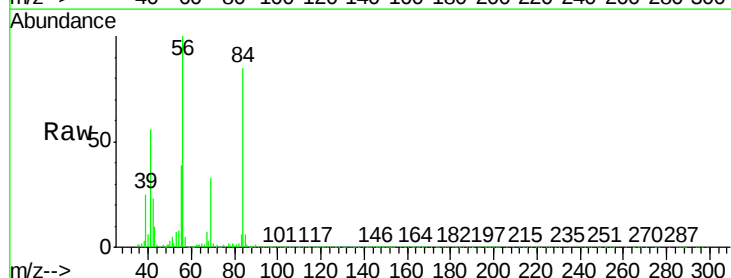
Tgt Ion: 56 Resp: 142296

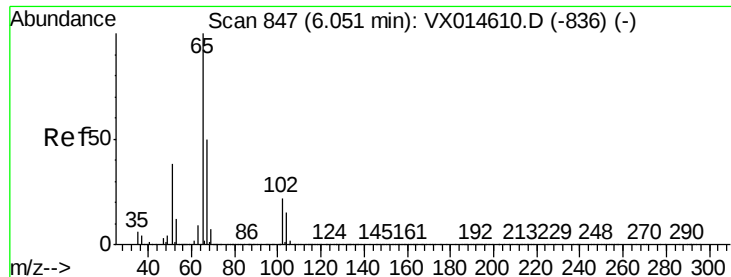
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 86.9 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.259 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

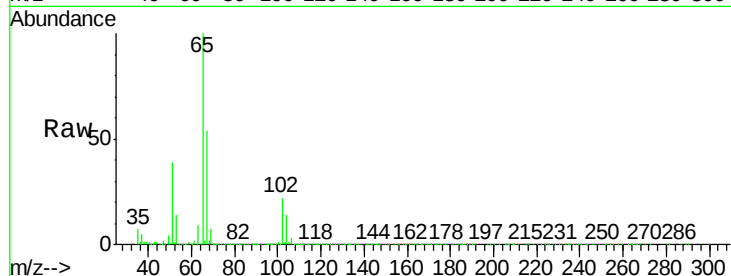
VX0116WBSD01

Tot Ion: 65 Resp: 155573

Ion Ratio Lower Upper

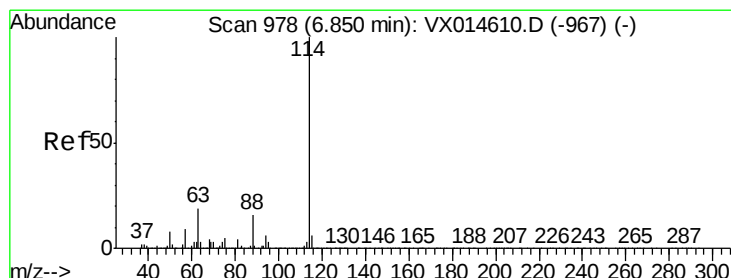
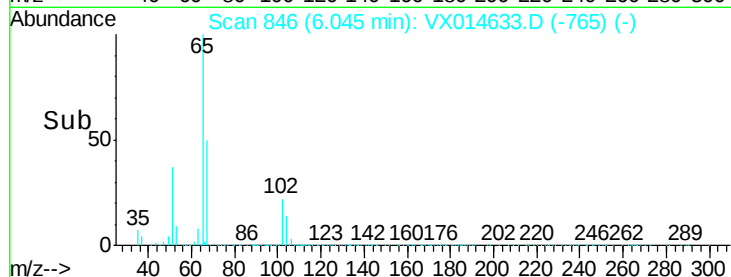
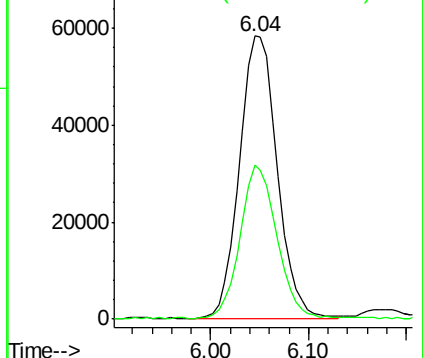
65 100

67 52.5 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

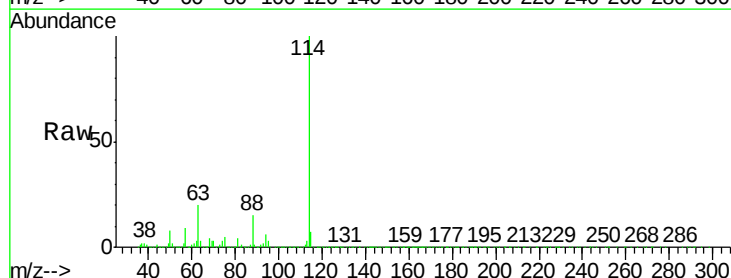
Tgt Ion: 114 Resp: 393352

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

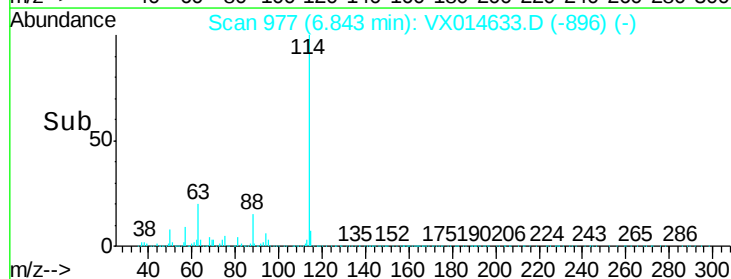
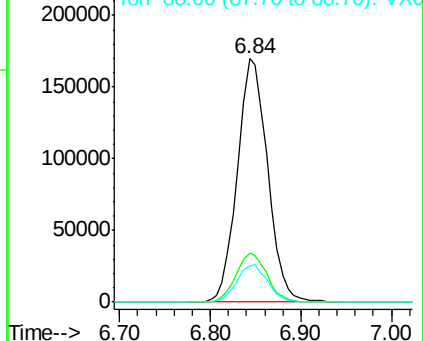
88 15.4 12.5 18.7

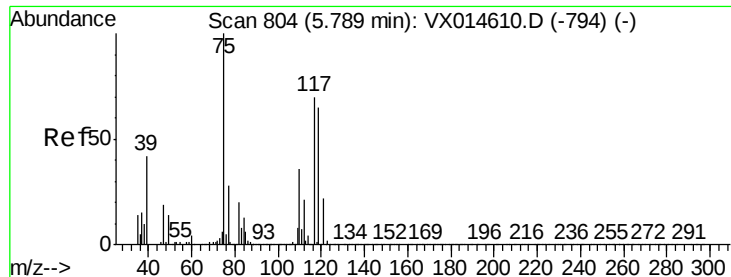


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

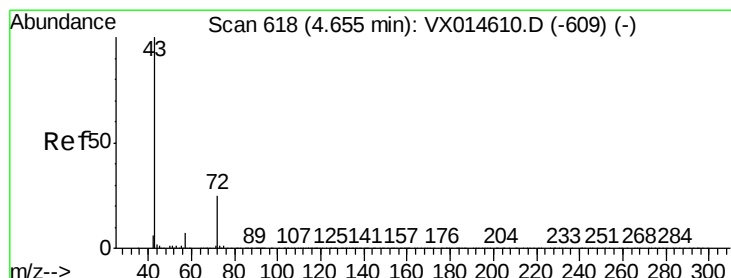
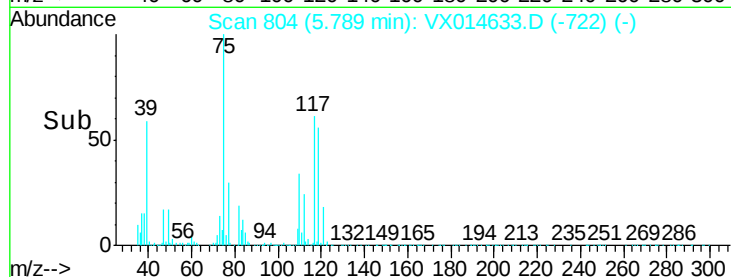
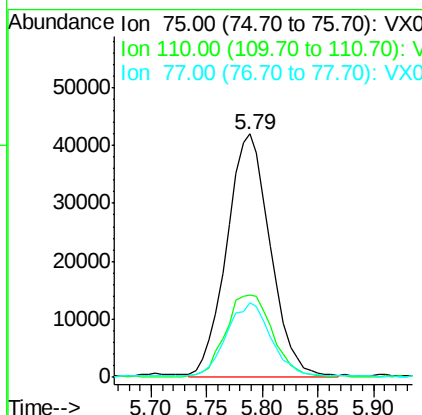
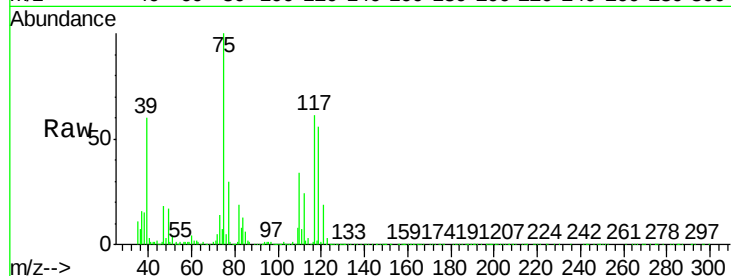




#29
 1,1-Dichloropropene
 Concen: 19.703 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

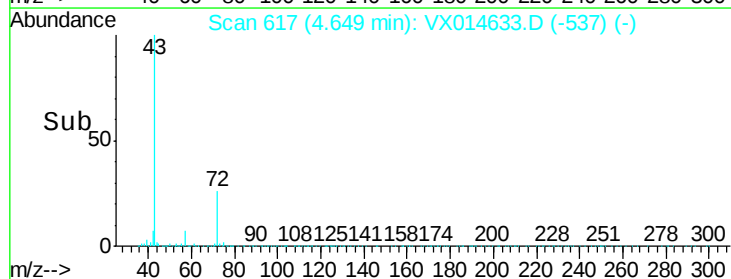
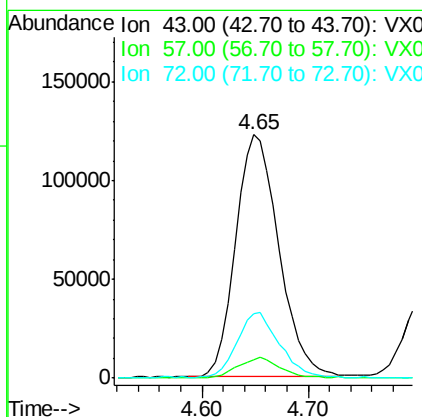
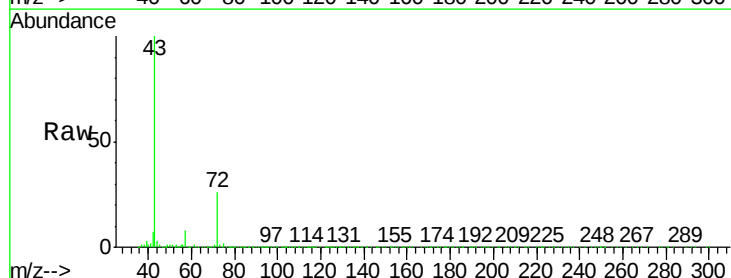
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

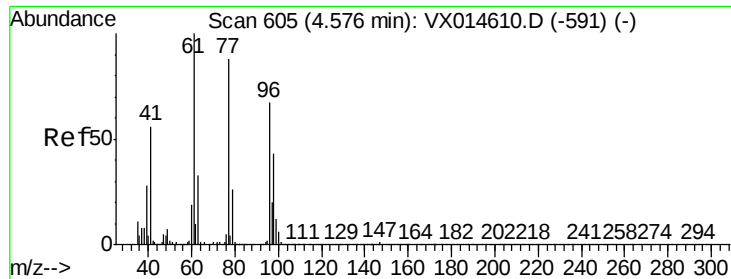
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	73.8
77	30.8	0.0	62.4



#30
 2-Butanone
 Concen: 95.584 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.2
72	26.1	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.820 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

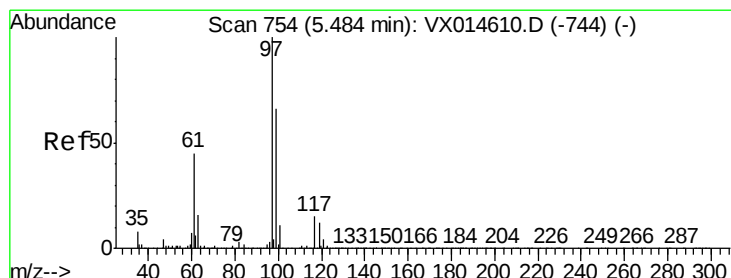
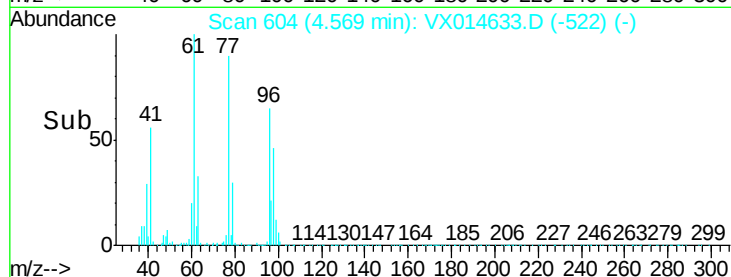
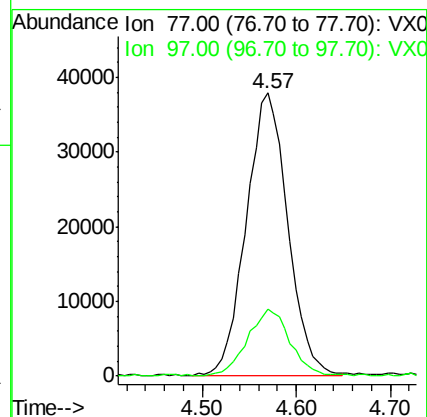
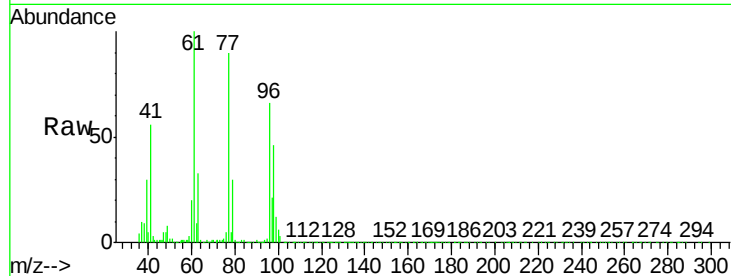
VX0116WBSD01

Tot Ion: 77 Resp: 116169

Ion Ratio Lower Upper

77 100

97 24.1 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.436 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

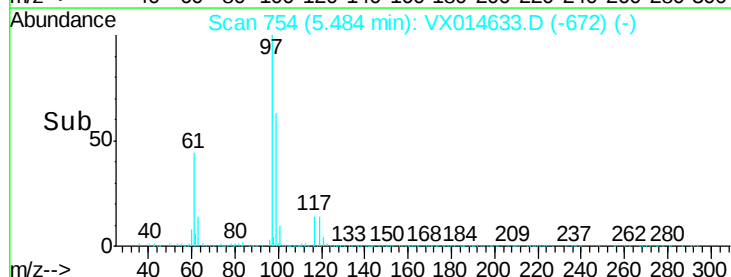
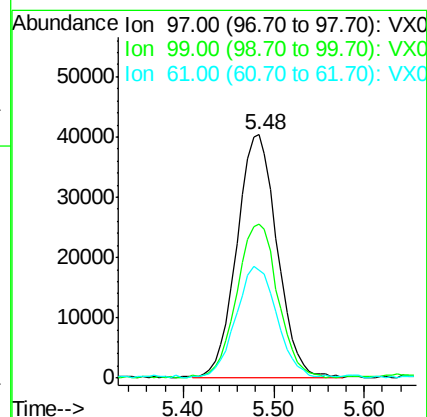
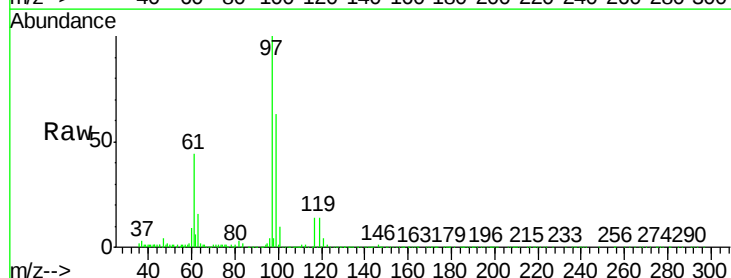
Tgt Ion: 97 Resp: 124045

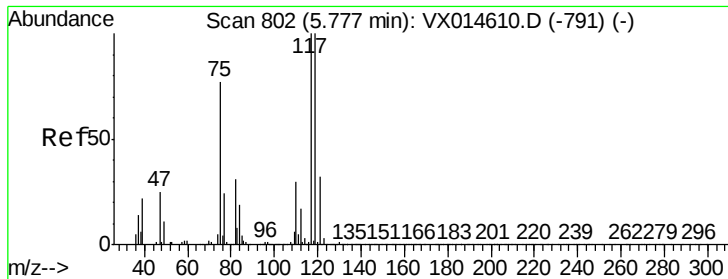
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 46.0 36.8 55.2

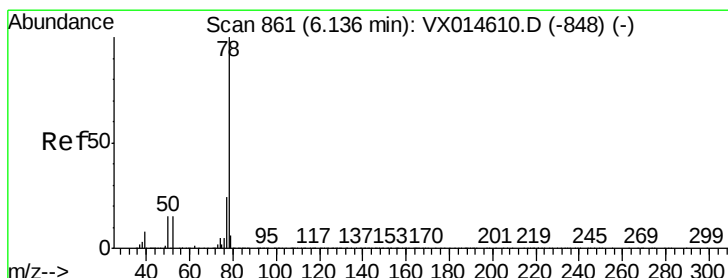
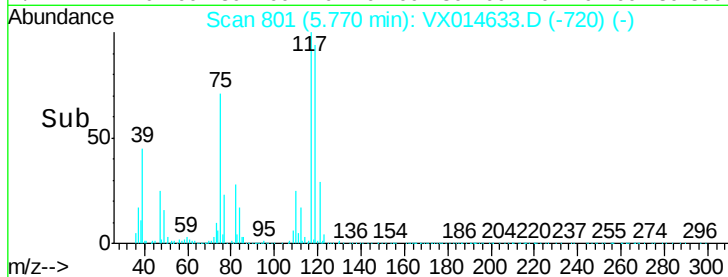
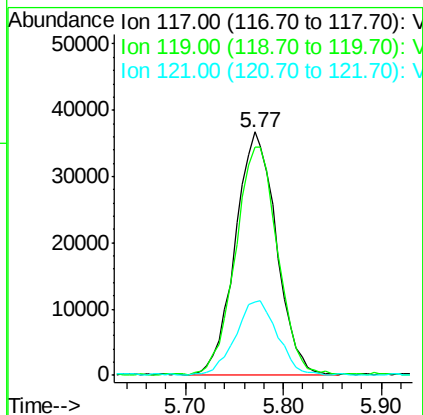
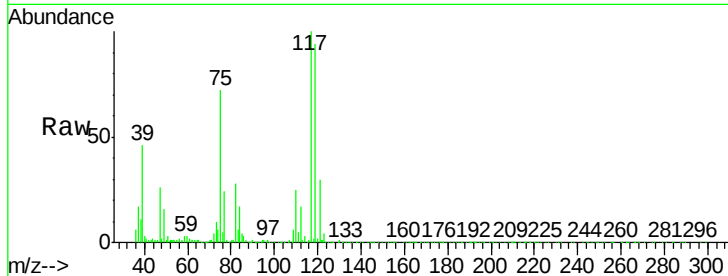




#33
Carbon Tetrachloride
Concen: 19.556 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

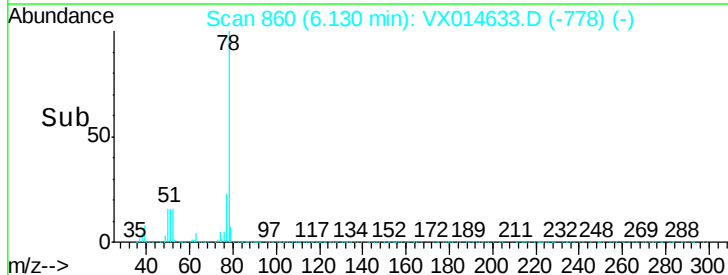
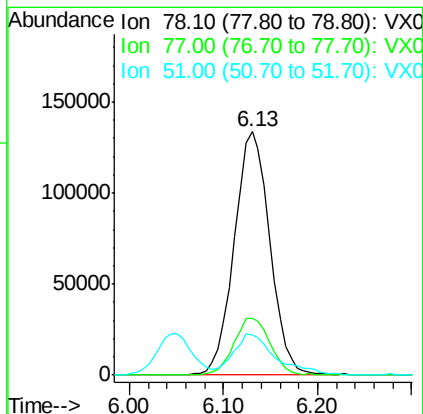
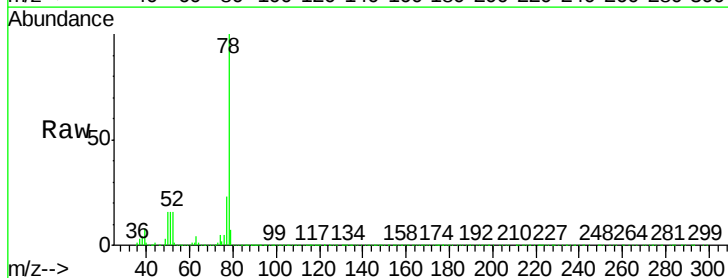
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

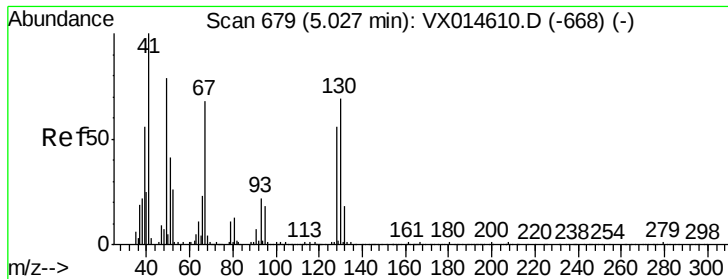
Tot Ion: 117 Resp: 107150
Ion Ratio Lower Upper
117 100
119 93.5 77.2 115.8
121 29.8 24.8 37.2



#34
Benzene
Concen: 19.760 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 78 Resp: 352244
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2
51 15.9 12.4 18.6

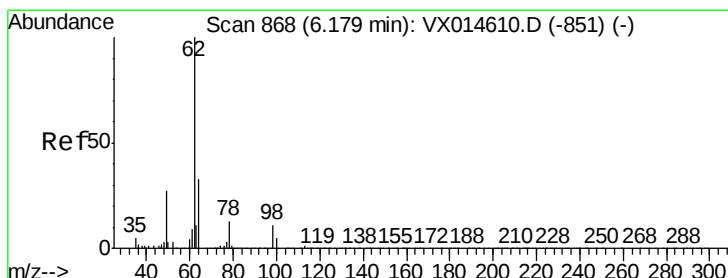
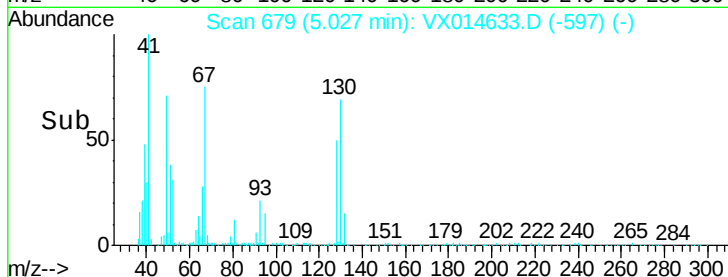
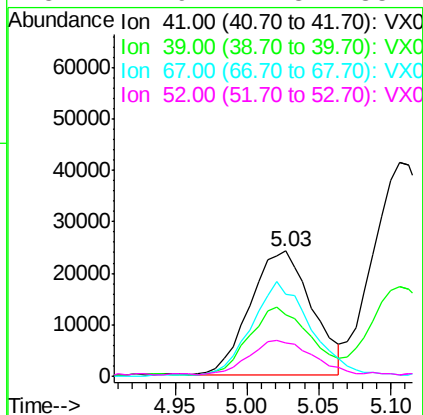
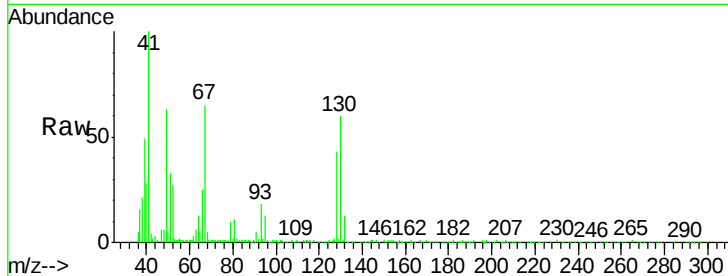




#35
Methacrylonitrile
Concen: 19.674 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

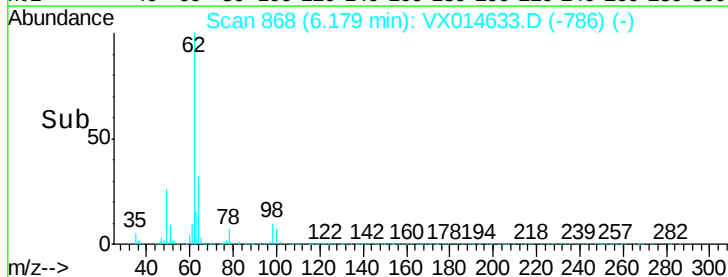
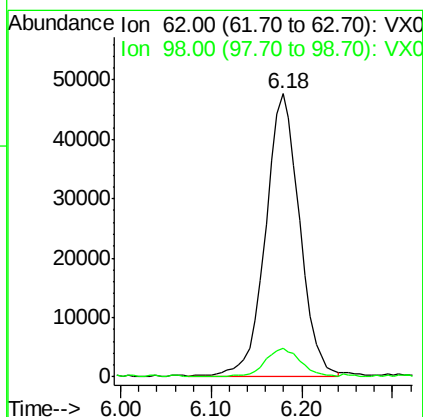
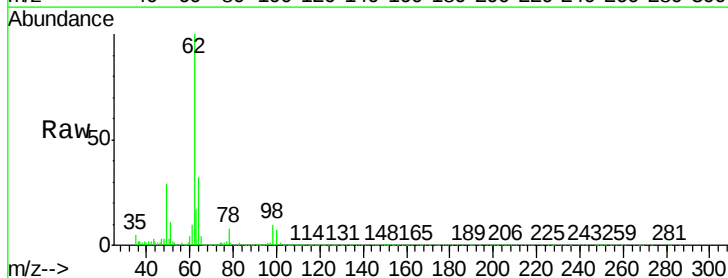
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

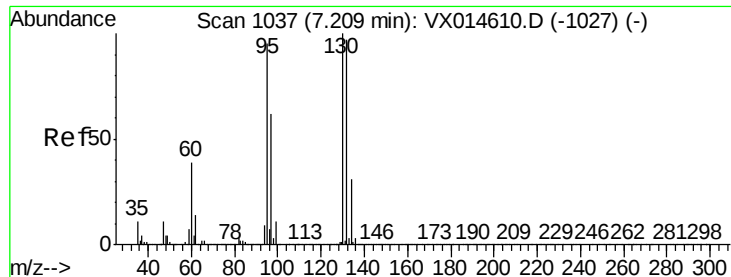
Tot Ion:	41	Resp:	71805
Ion	Ratio	Lower	Upper
41	100		
39	46.6	26.7	80.1
67	64.8	31.5	94.5
52	24.9	12.8	38.4



#36
1,2-Dichloroethane
Concen: 19.781 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion:	62	Resp:	122712
Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.4	12.6





#37

Trichloroethene

Concen: 19.916 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

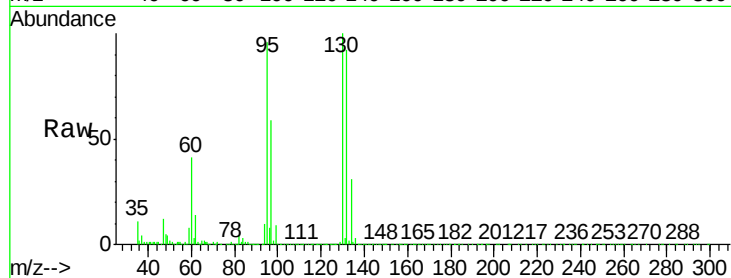
VX0116WBSD01

Tot Ion:130 Resp: 97208

Ion Ratio Lower Upper

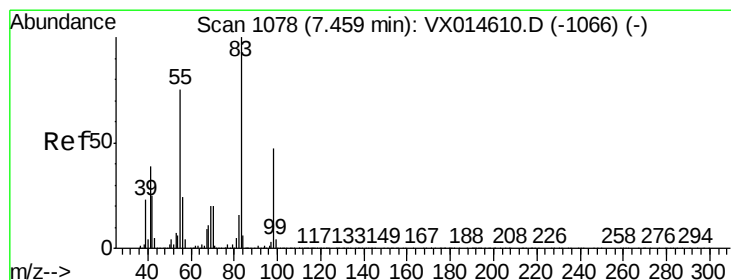
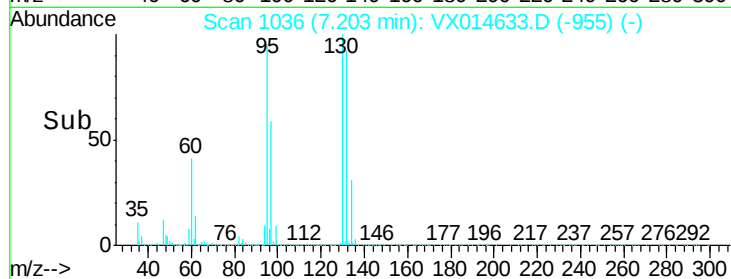
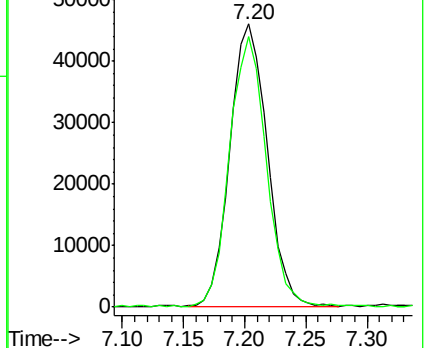
130 100

95 95.8 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.026 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

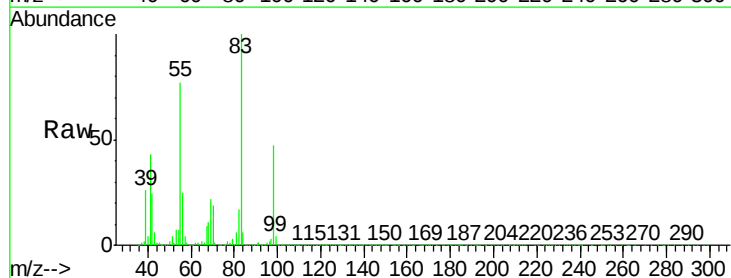
Tgt Ion: 83 Resp: 143838

Ion Ratio Lower Upper

83 100

55 77.9 39.4 118.1

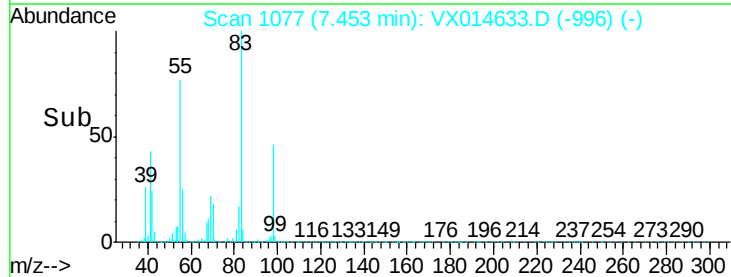
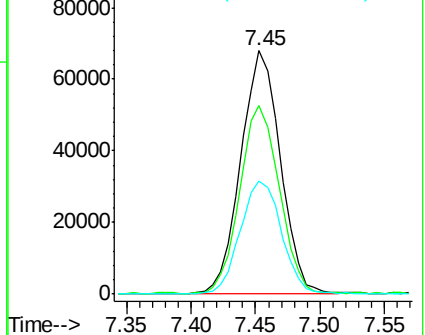
98 47.9 25.1 75.3

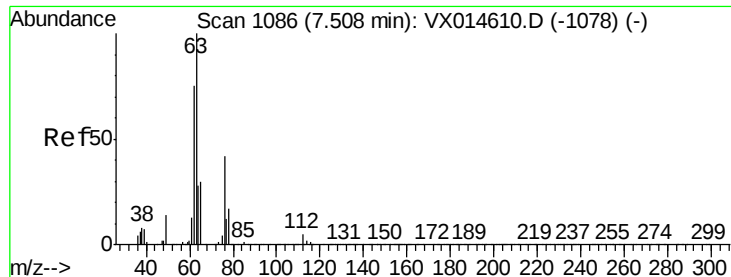


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

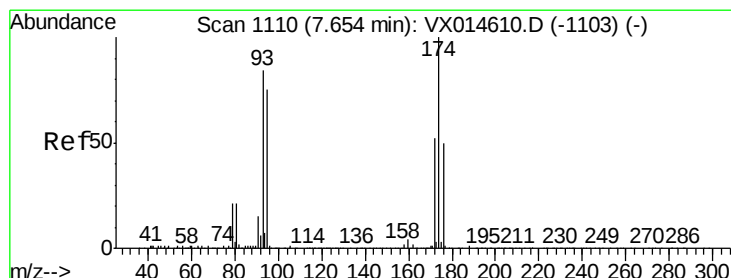
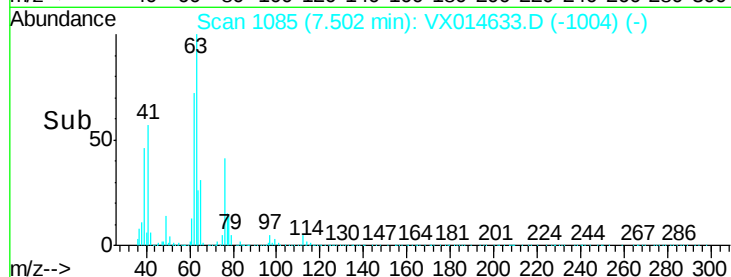
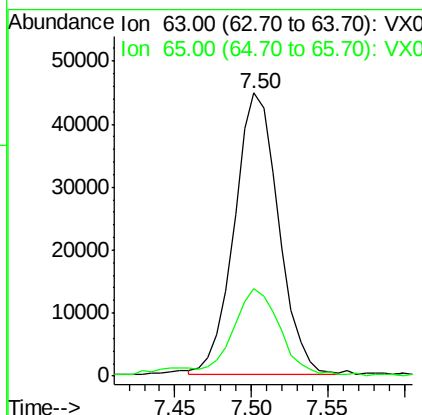
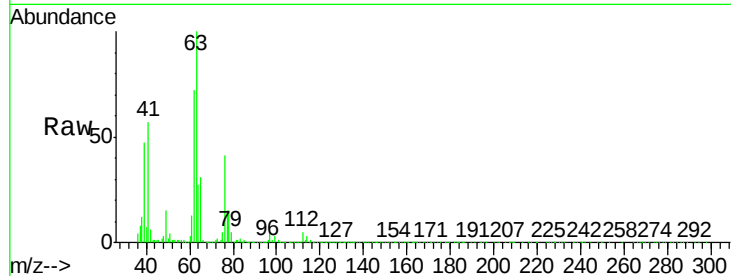




#39
 1,2-Dichloropropane
 Concen: 19.229 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

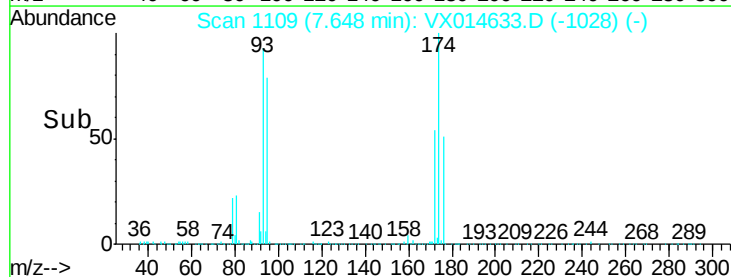
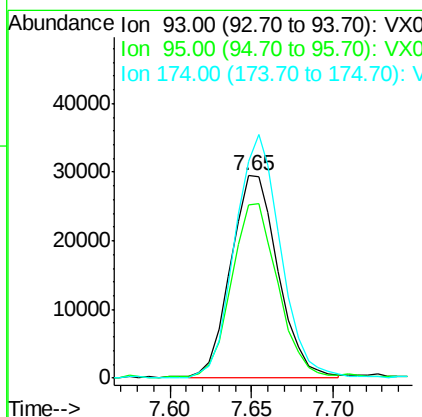
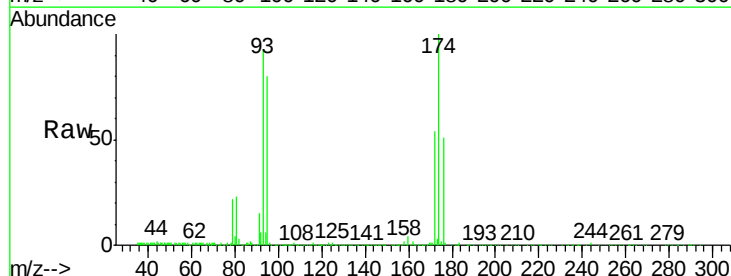
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

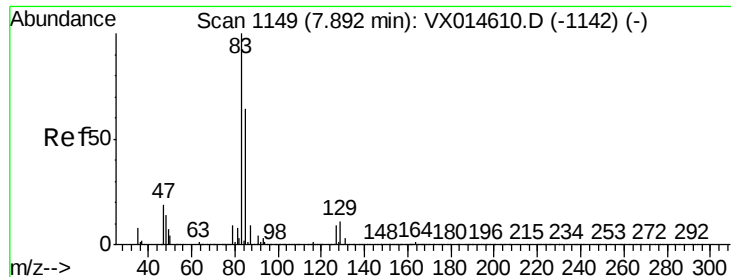
Tot Ion: 63 Resp: 89136
 Ion Ratio Lower Upper
 63 100
 65 30.6 22.1 33.1



#40
 Dibromomethane
 Concen: 19.907 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion: 93 Resp: 59304
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 164.4
 174 116.4 0.0 228.8





#41

Bromodichloromethane

Concen: 19.530 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

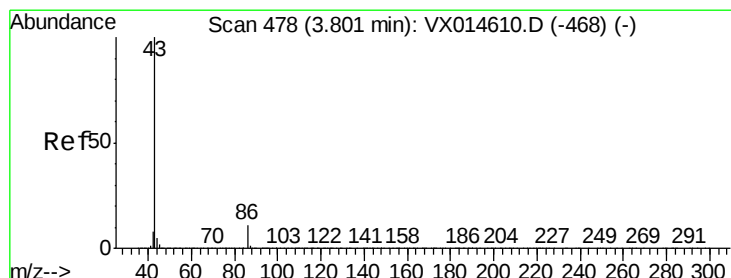
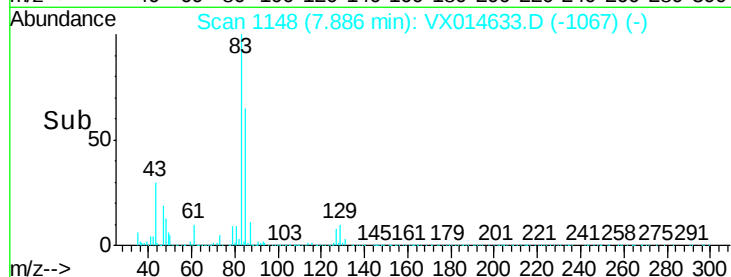
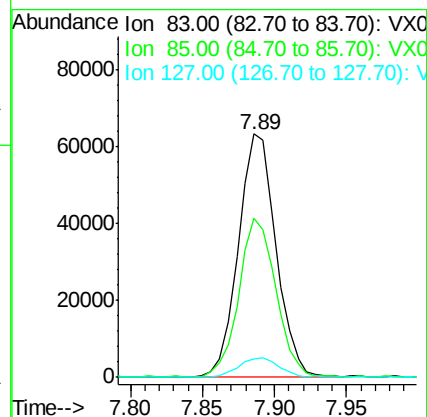
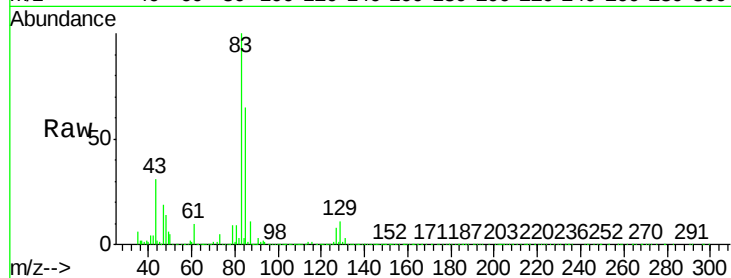
Tot Ion: 83 Resp: 113935

Ion Ratio Lower Upper

83 100

85 65.3 51.6 77.4

127 7.7 6.0 9.0



#42

Vinyl Acetate

Concen: 101.092 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014633.D

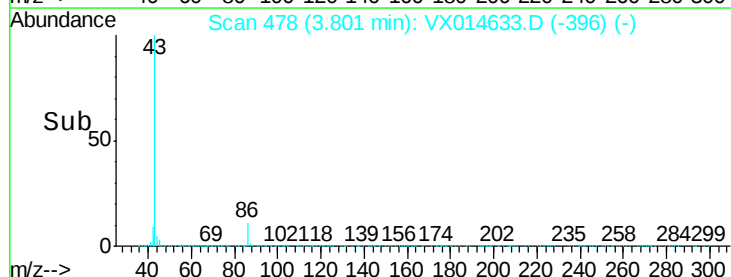
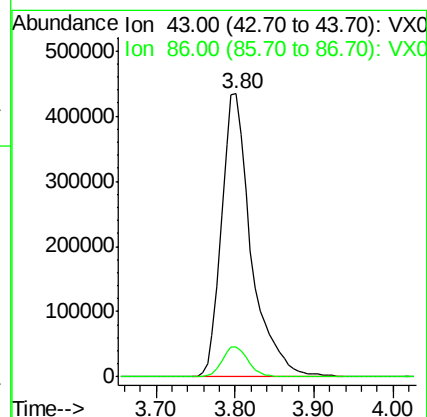
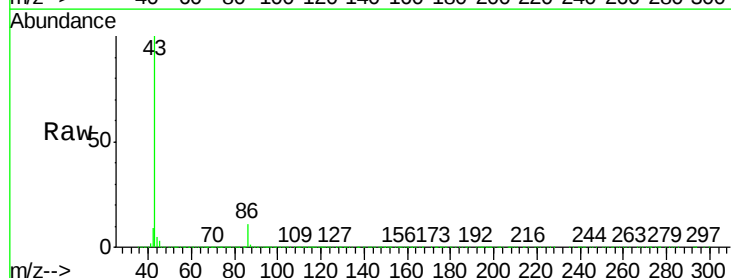
Acq: 16 Jan 2020 13:14

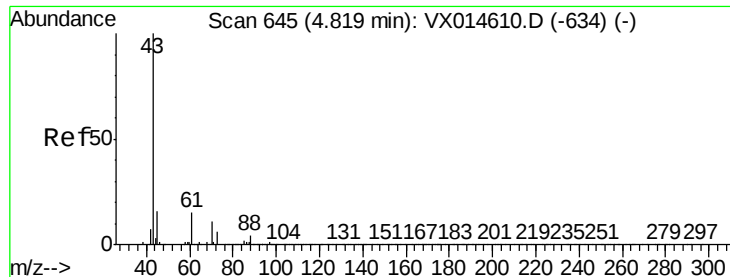
Tgt Ion: 43 Resp: 1138645

Ion Ratio Lower Upper

43 100

86 9.4 7.7 11.5

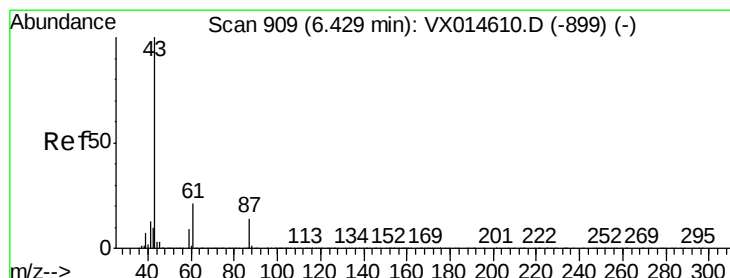
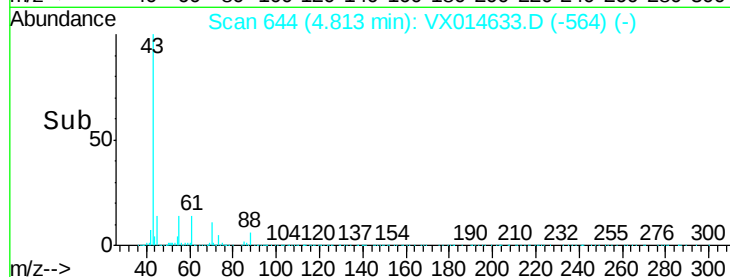
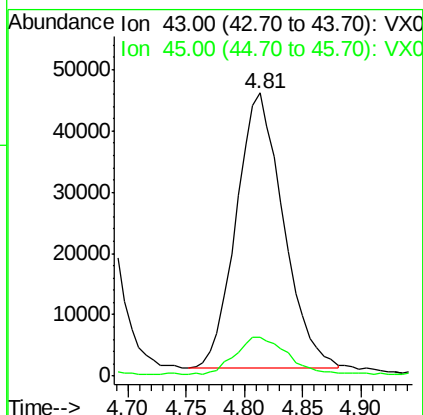
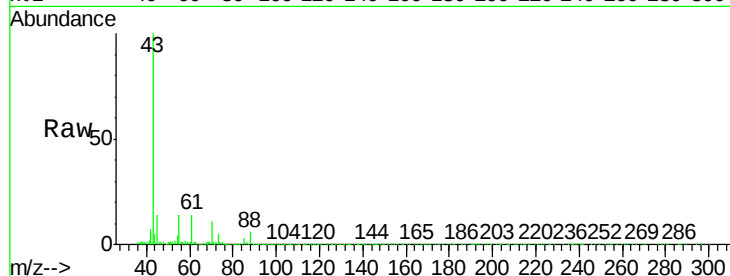




#43
Ethyl Acetate
Concen: 19.129 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

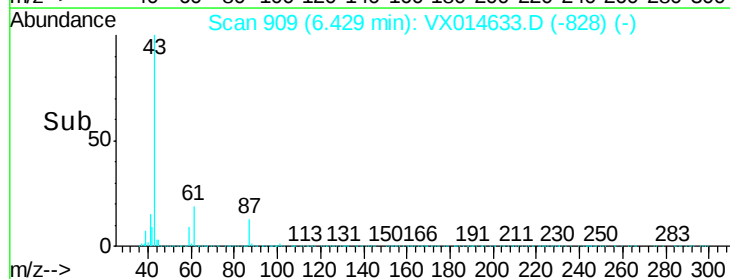
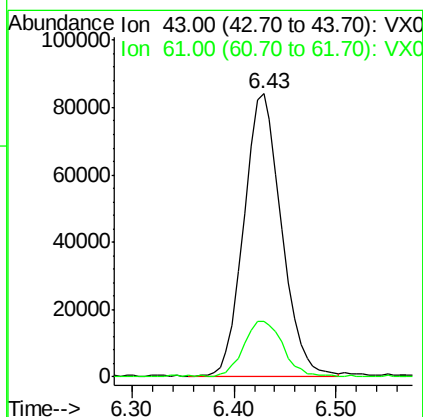
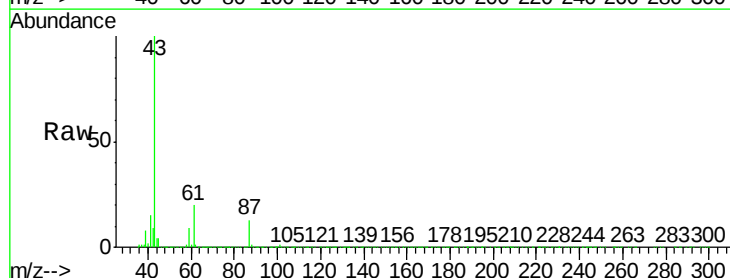
Instrument :
MSVOA_X
ClientSampled :
VX0116WBSD01

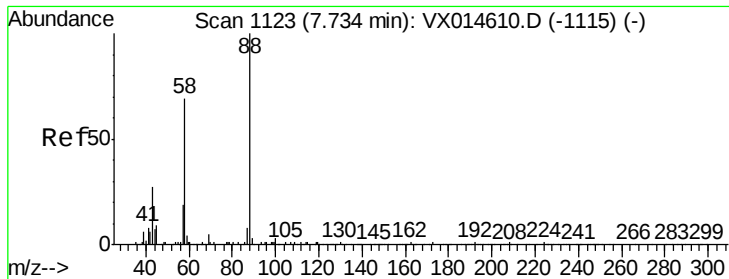
Tot Ion: 43 Resp: 126543
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.8



#44
Isopropyl Acetate
Concen: 20.161 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 43 Resp: 215149
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9





#45

1,4-Dioxane

Concen: 422.943 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

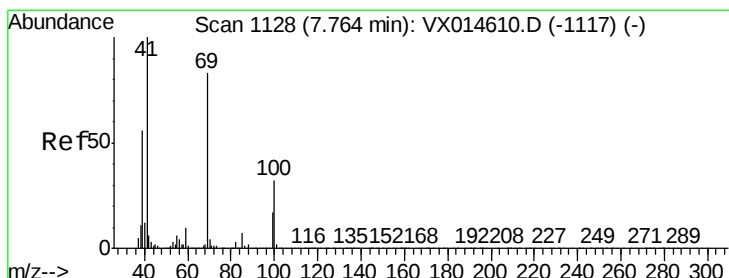
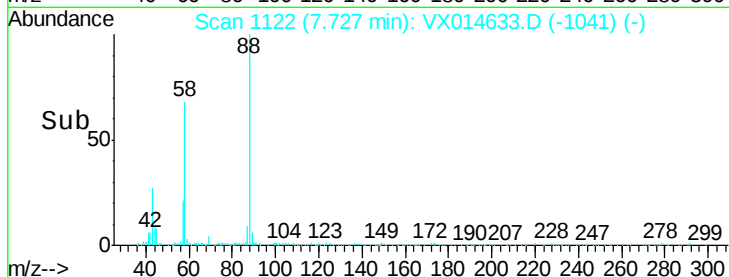
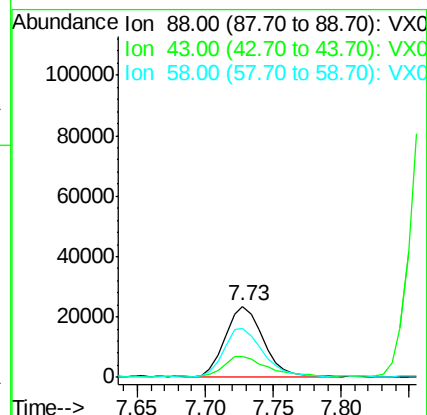
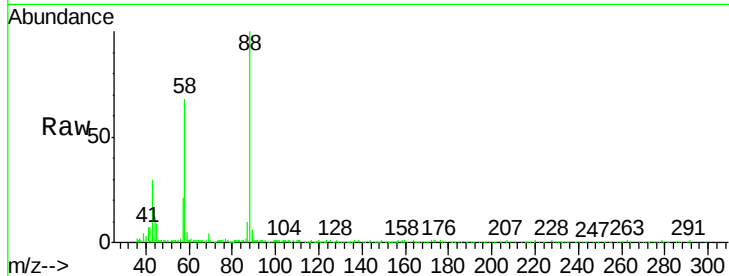
Tot Ion: 88 Resp: 45149

Ion Ratio Lower Upper

88 100

43 32.2 25.4 38.2

58 70.9 56.5 84.7



#46

Methyl methacrylate

Concen: 19.920 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

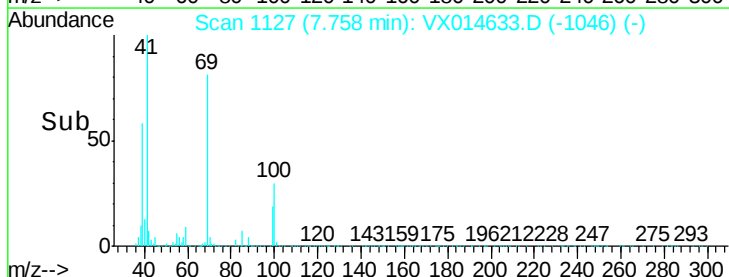
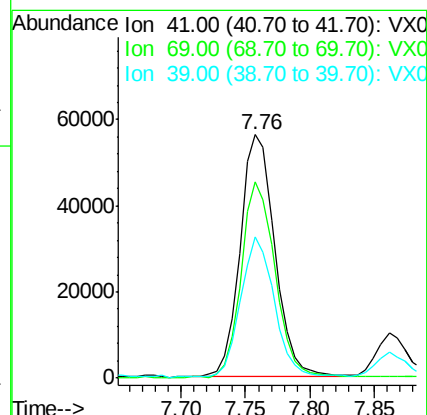
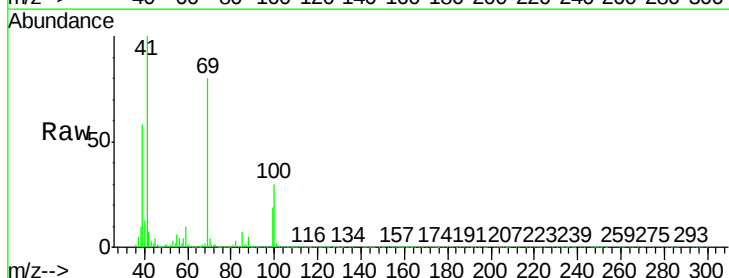
Tgt Ion: 41 Resp: 104538

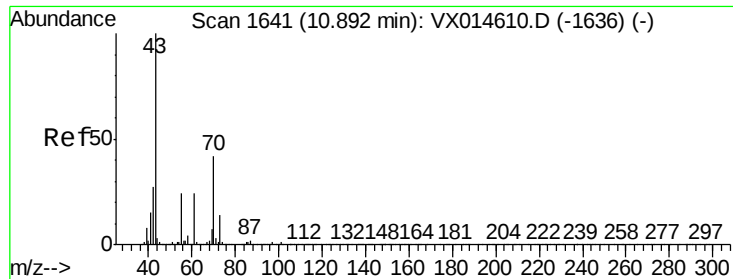
Ion Ratio Lower Upper

41 100

69 80.3 40.6 122.0

39 57.3 27.8 83.3





#47

n-amvl Acetate

Concen: 19.530 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

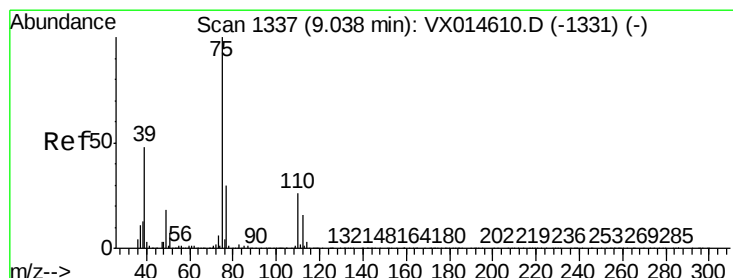
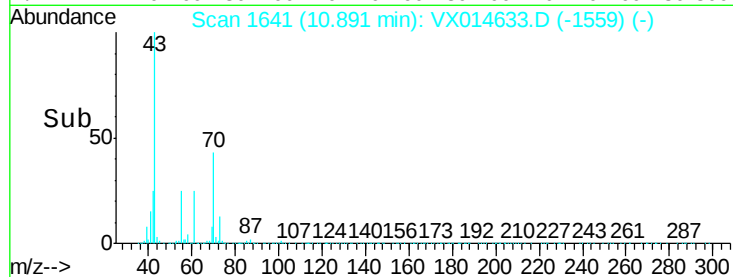
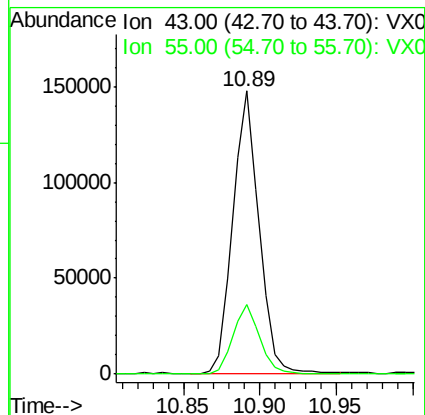
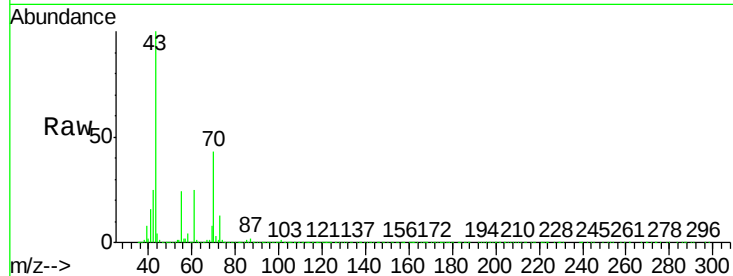
VX0116WBSD01

Tot Ion: 43 Resp: 174638

Ion Ratio Lower Upper

43 100

55 25.5 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 19.347 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014633.D

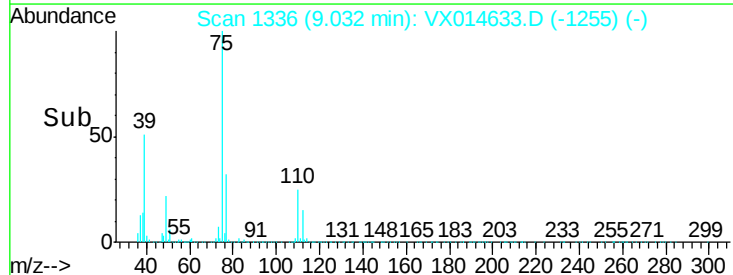
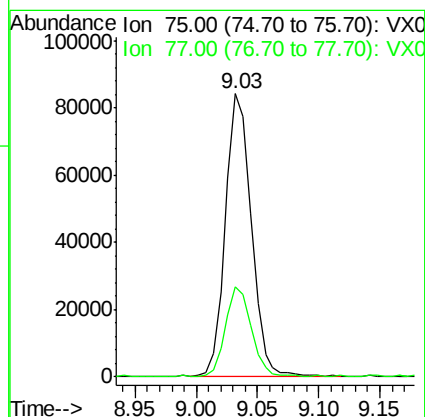
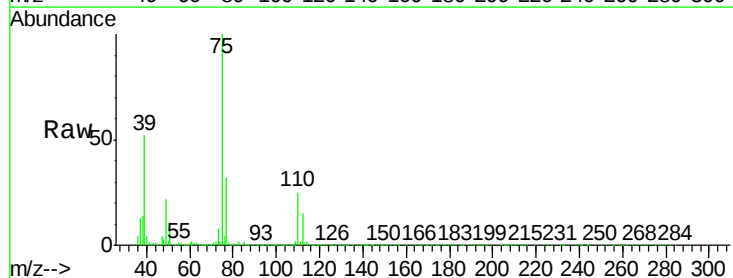
Acq: 16 Jan 2020 13:14

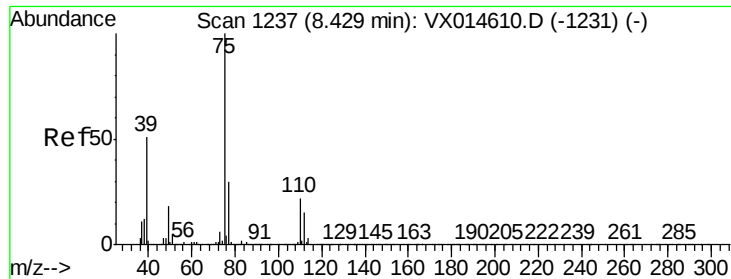
Tgt Ion: 75 Resp: 123229

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0



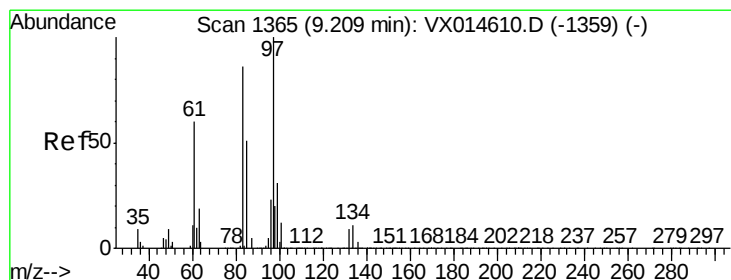
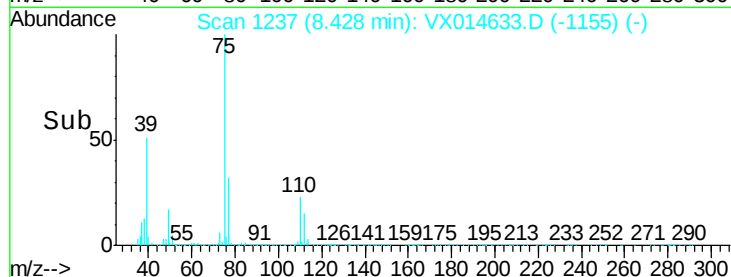
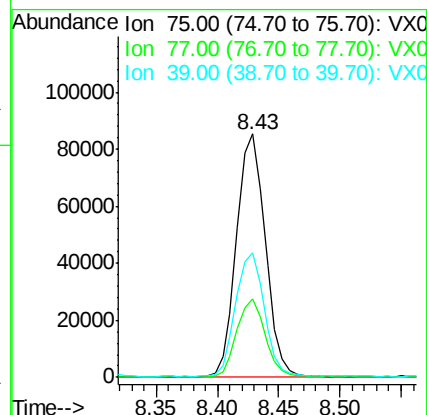
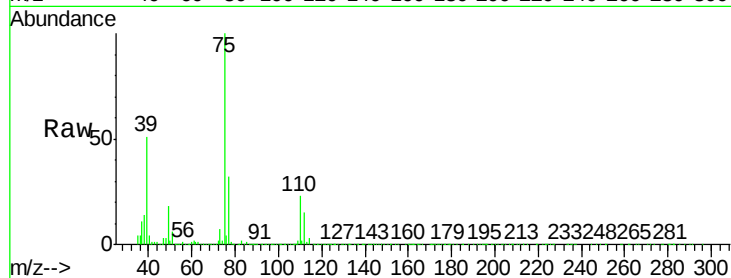


#49

cis-1,3-Dichloropropene
Concen: 19.456 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

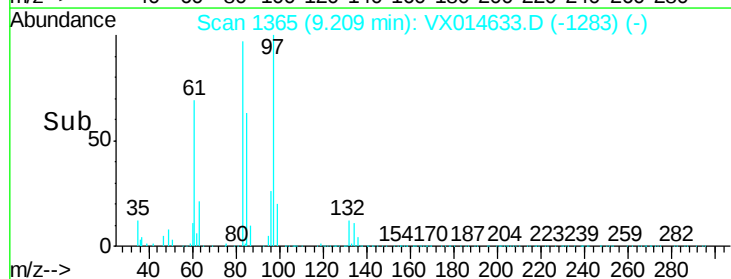
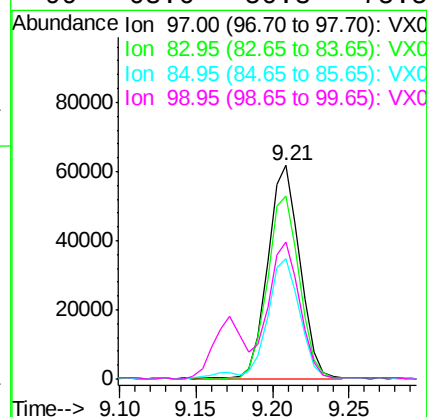
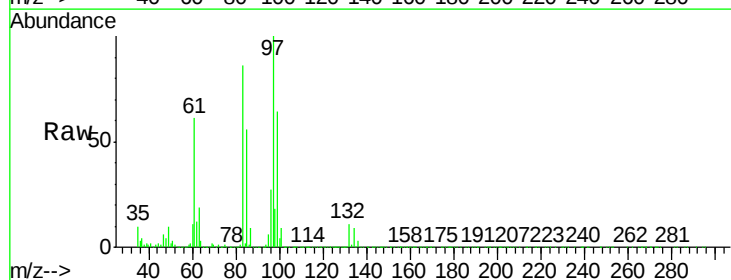
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.8	37.2
39	51.1	41.1	61.7

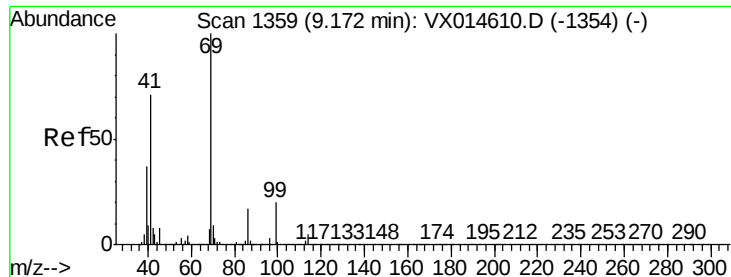


#50

1,1,2-Trichloroethane
Concen: 19.951 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.1	102.1
85	55.7	42.7	64.1
99	63.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.385 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

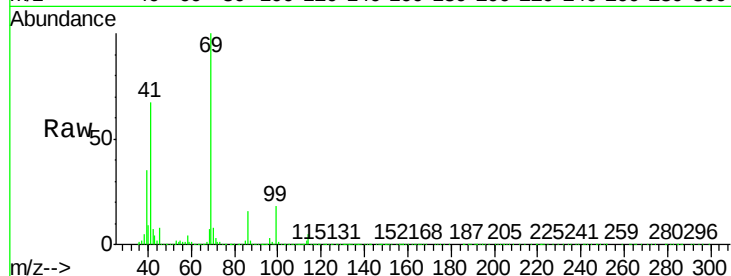
Tot Ion: 69 Resp: 136821

Ion Ratio Lower Upper

69 100

41 67.0 35.4 106.1

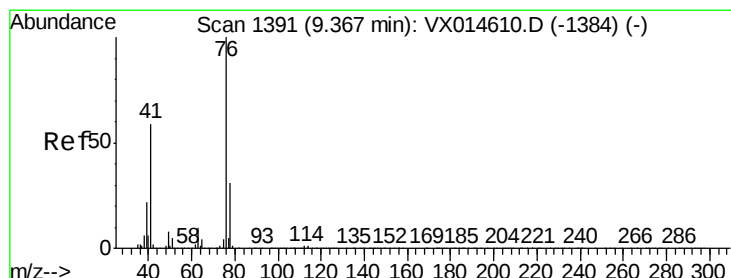
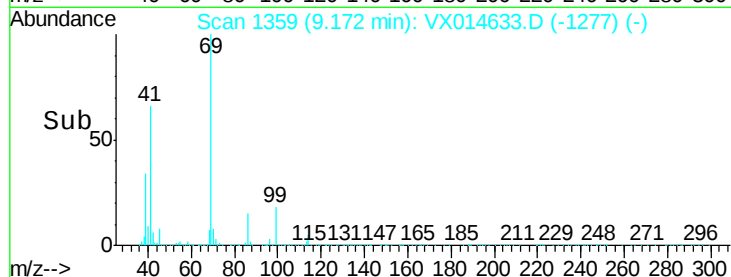
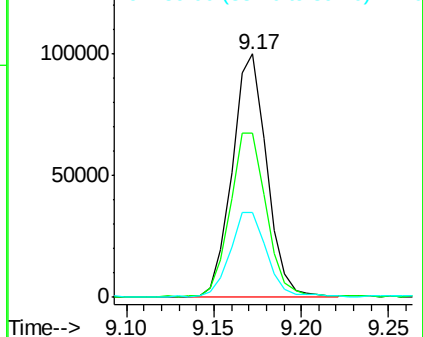
39 34.4 17.8 53.3



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: 20.030 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014633.D

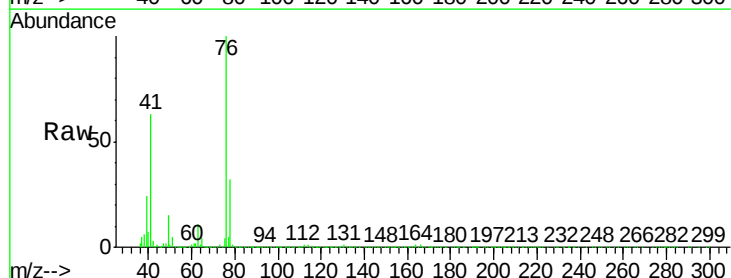
Acq: 16 Jan 2020 13:14

Tgt Ion: 76 Resp: 153840

Ion Ratio Lower Upper

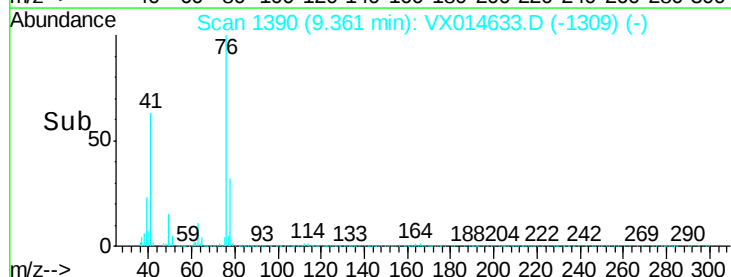
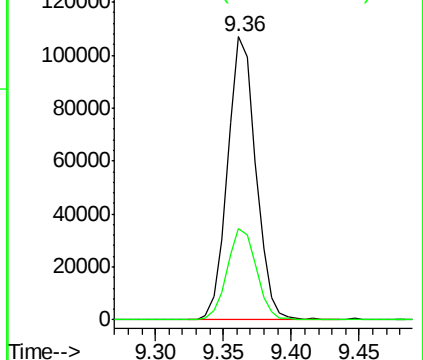
76 100

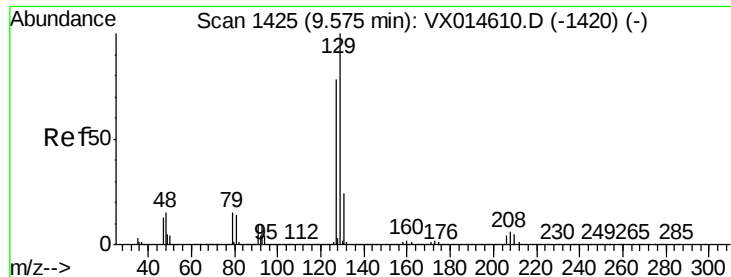
78 33.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.537 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

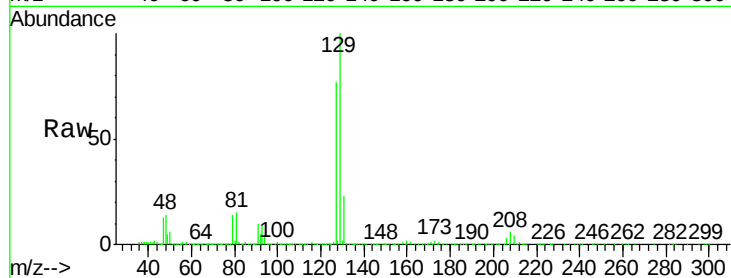
VX0116WBSD01

Tot Ion:129 Resp: 90589

Ion Ratio Lower Upper

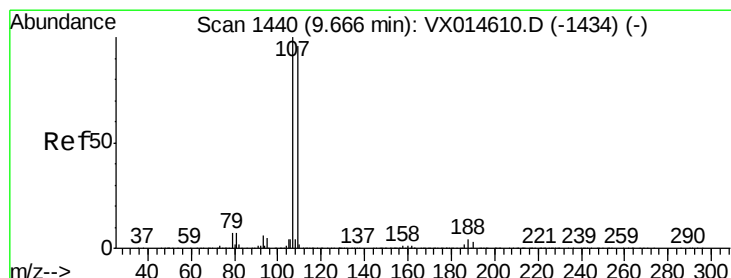
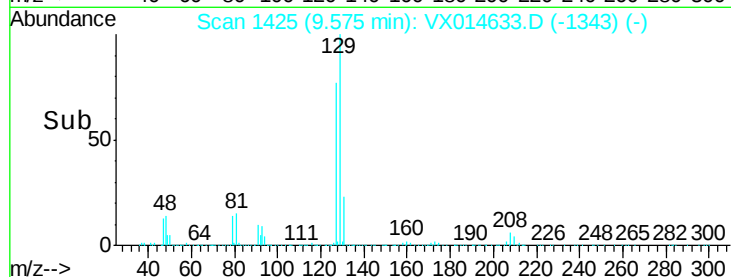
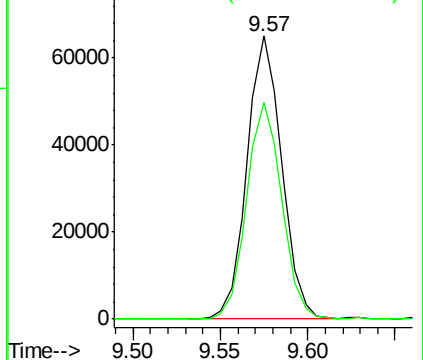
129 100

127 76.7 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.168 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014633.D

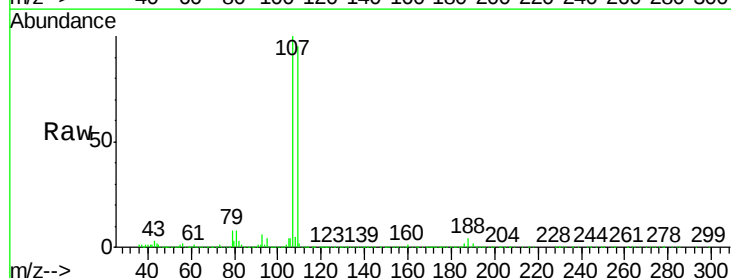
Acq: 16 Jan 2020 13:14

Tgt Ion:107 Resp: 94817

Ion Ratio Lower Upper

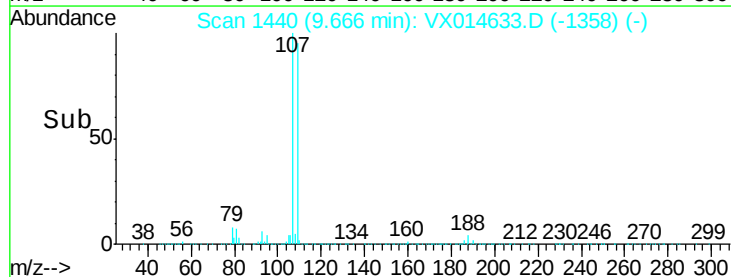
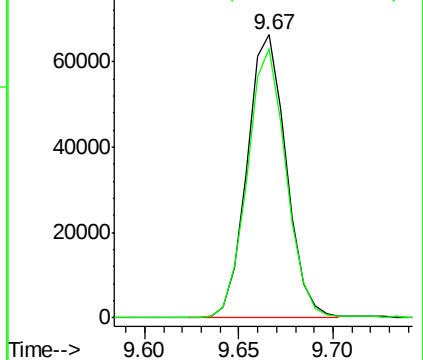
107 100

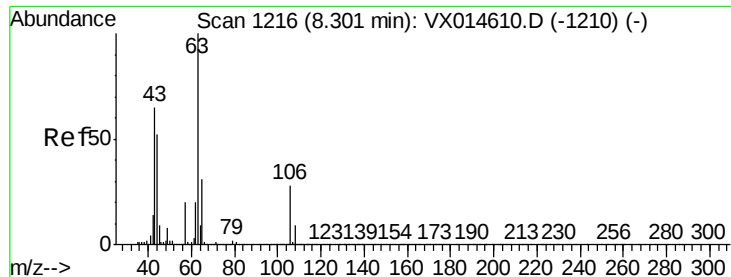
109 94.7 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

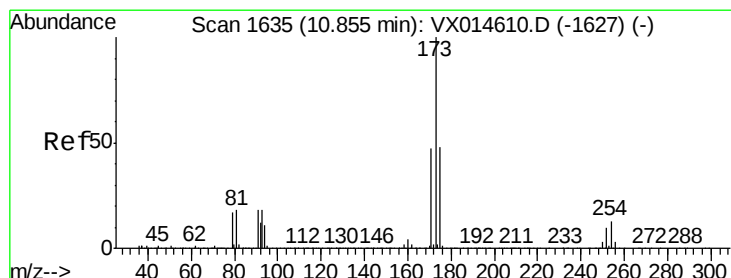
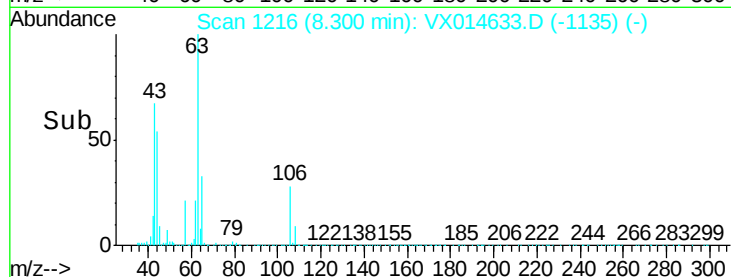
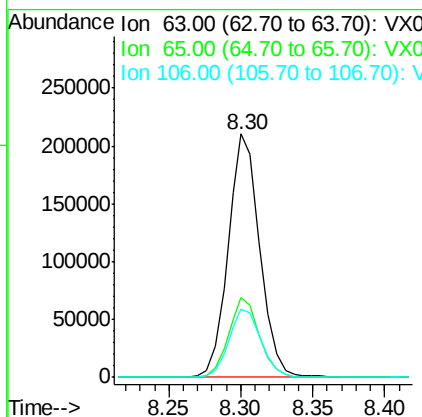
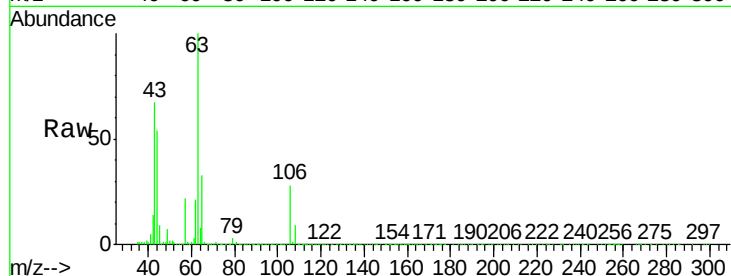




#55
2-Chloroethyl vinyl ether
Concen: 99.041 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

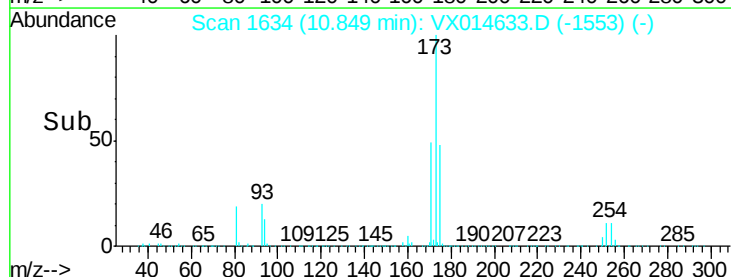
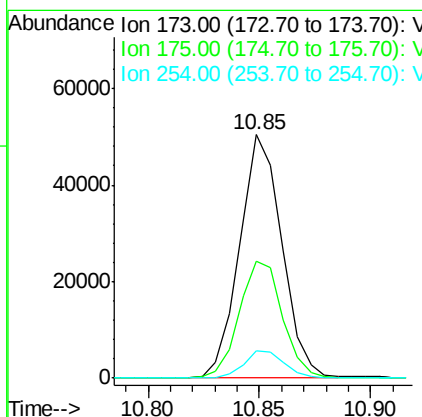
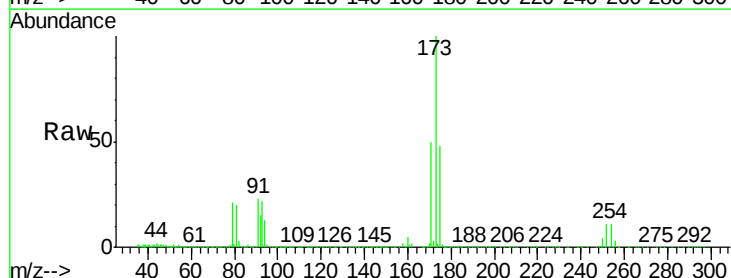
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

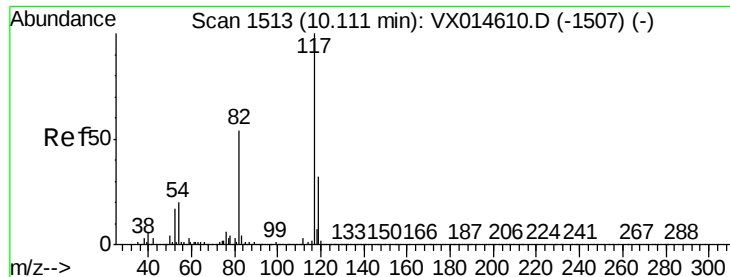
Tot Ion: 63 Resp: 321271
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.6
106 28.7 22.9 34.3



#56
Bromoform
Concen: 18.759 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 173 Resp: 66998
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 11.0 8.2 12.4

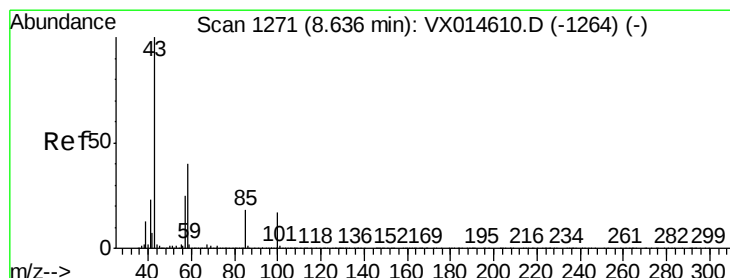
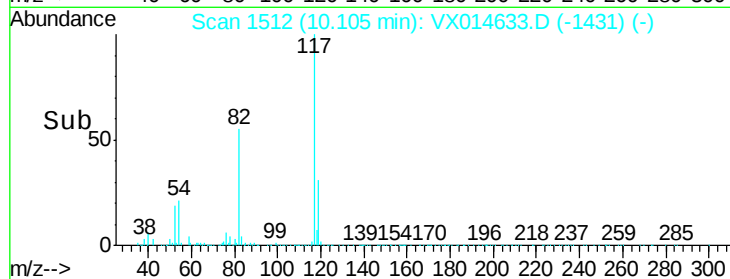
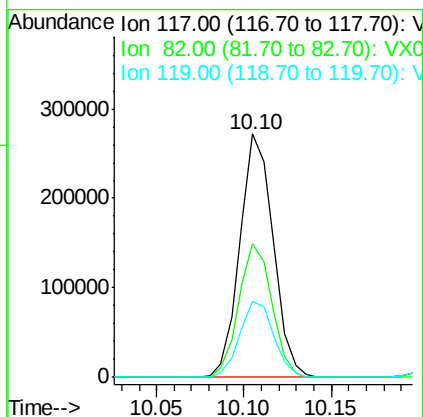
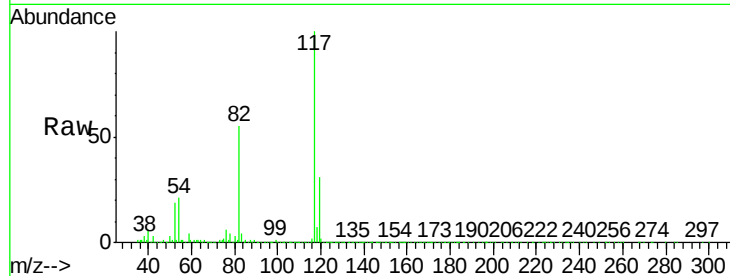




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

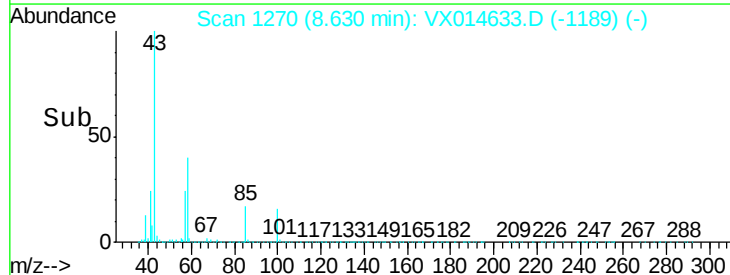
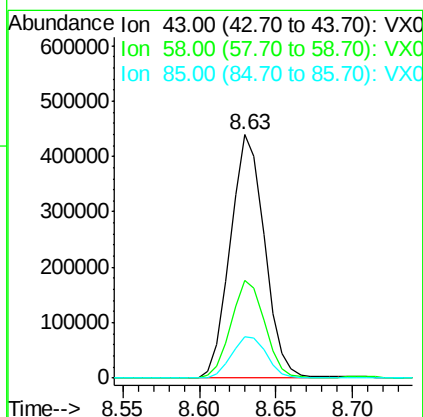
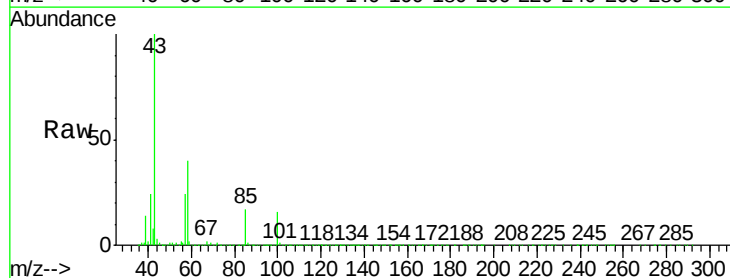
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

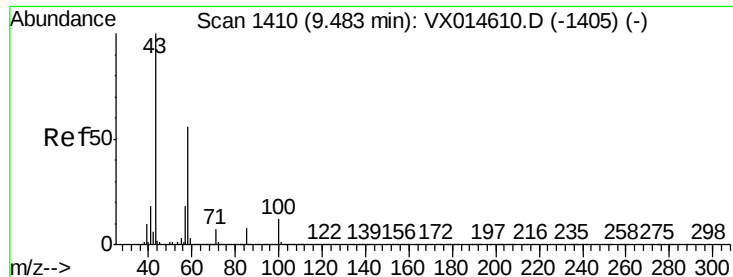
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	32.3	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 100.447 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.2	46.8
85	17.5	14.2	21.2

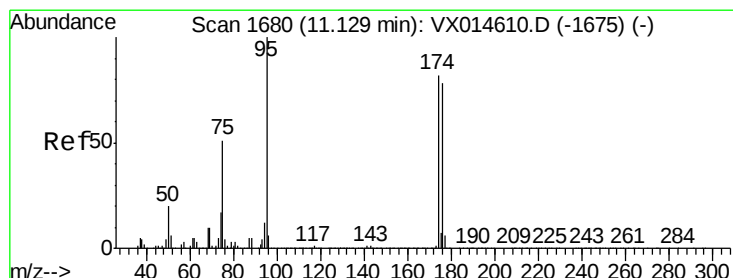
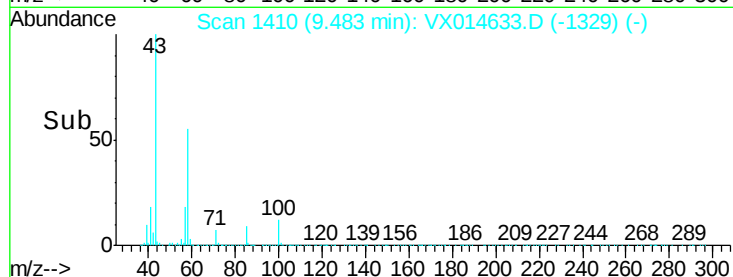
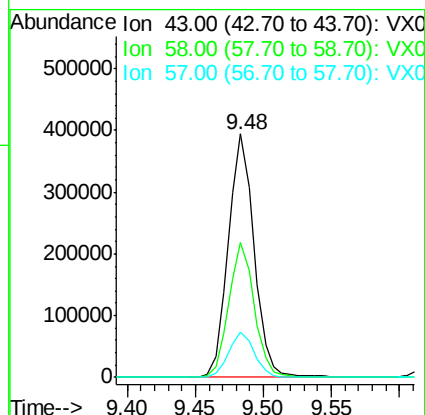
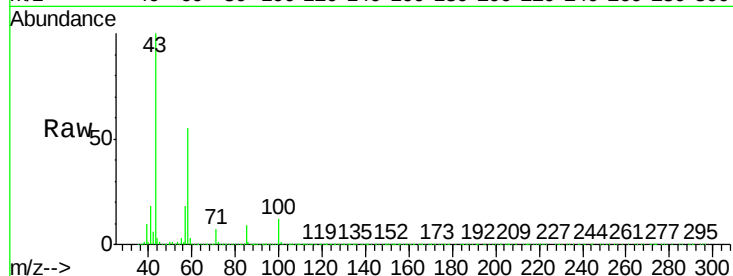




#59
2-Hexanone
Concen: 98.660 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

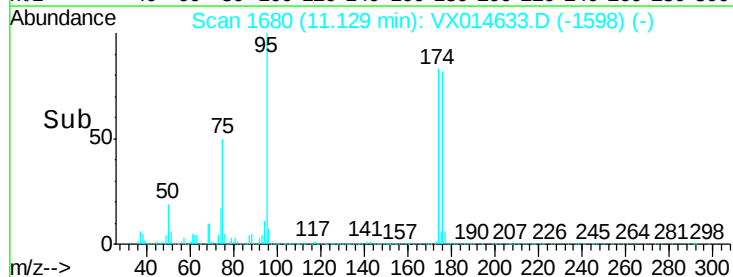
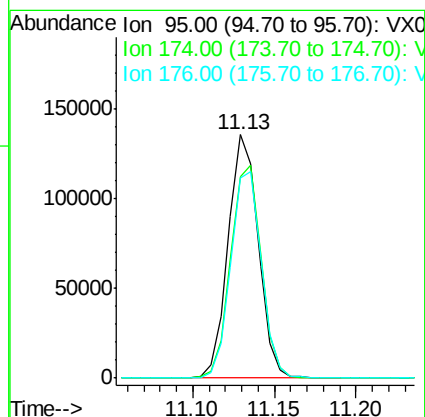
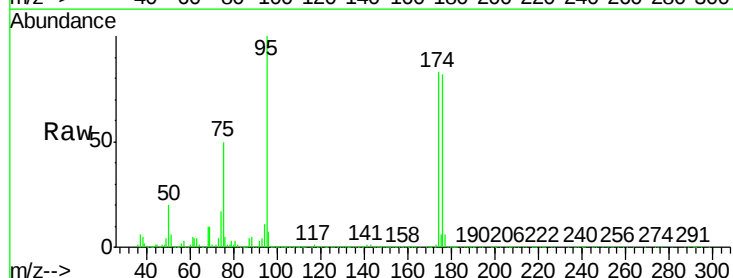
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

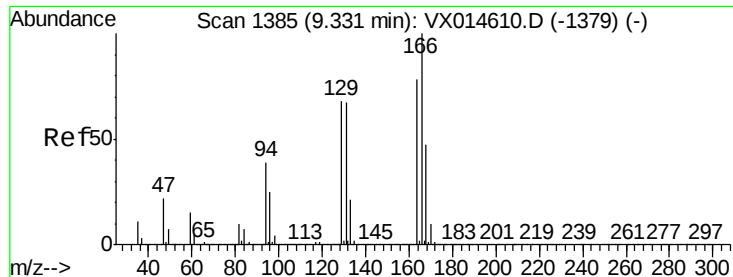
Tot Ion: 43 Resp: 518923
Ion Ratio Lower Upper
43 100
58 54.5 43.8 65.6
57 18.5 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.019 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 95 Resp: 173477
Ion Ratio Lower Upper
95 100
174 88.8 70.2 105.2
176 86.0 68.3 102.5





#61

Tetrachloroethene

Concen: 19.715 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

Tot Ion:164 Resp: 105238

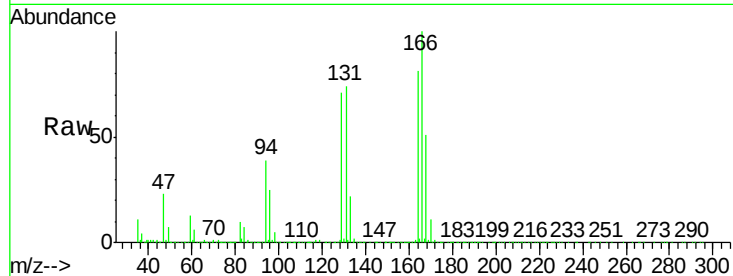
Ion Ratio Lower Upper

164 100

166 123.2 104.2 156.2

129 87.4 71.6 107.4

131 91.0 71.7 107.5

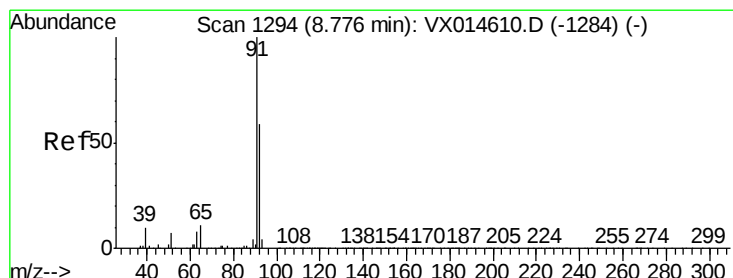
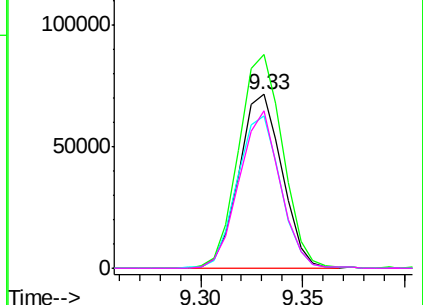
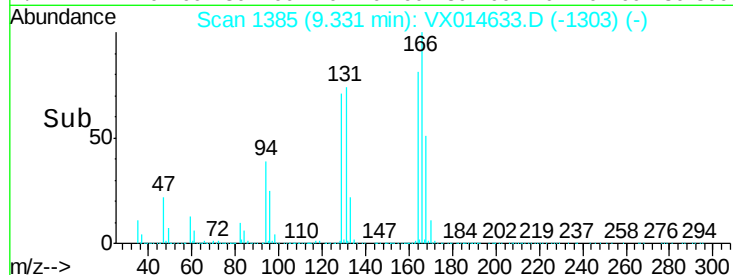


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.627 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014633.D

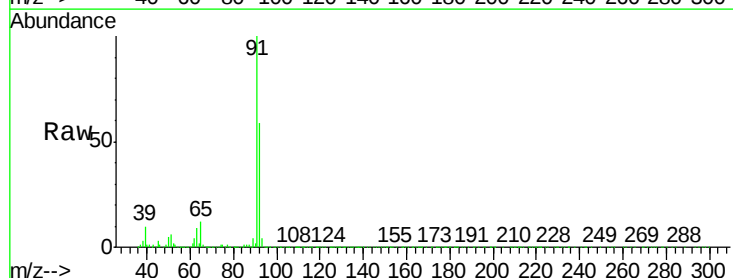
Acq: 16 Jan 2020 13:14

Tgt Ion: 91 Resp: 376068

Ion Ratio Lower Upper

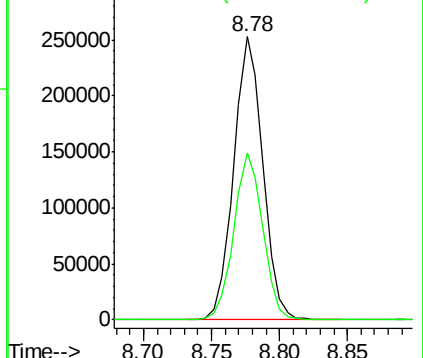
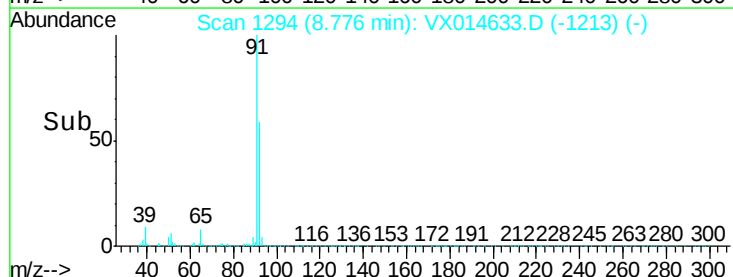
91 100

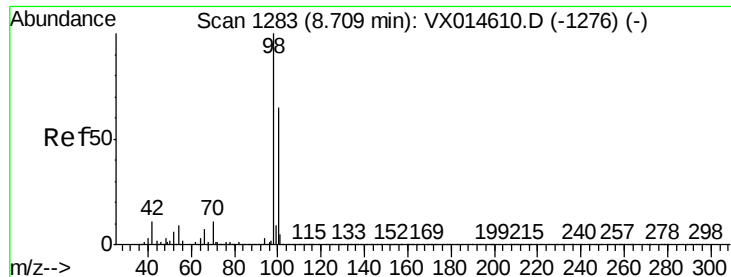
92 58.5 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.068 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

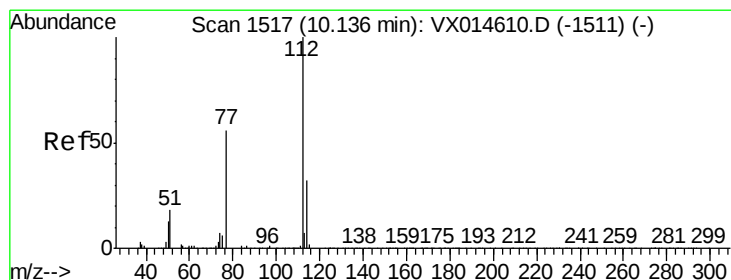
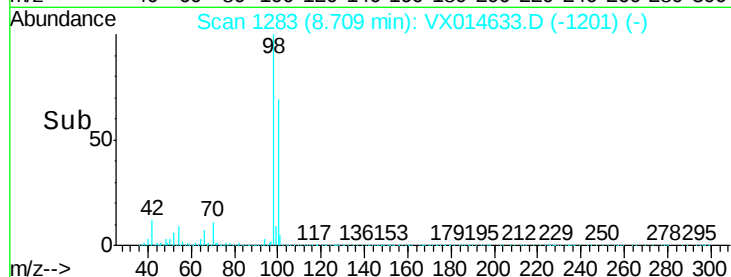
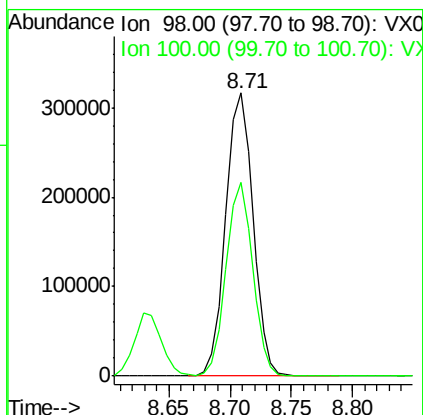
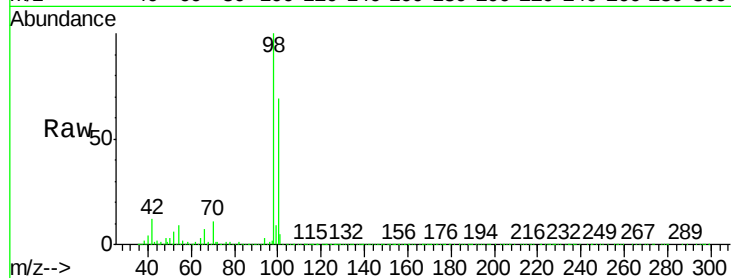
VX0116WBSD01

Tot Ion: 98 Resp: 490487

Ion Ratio Lower Upper

98 100

100 66.7 52.2 78.2



#64

Chlorobenzene

Concen: 19.695 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014633.D

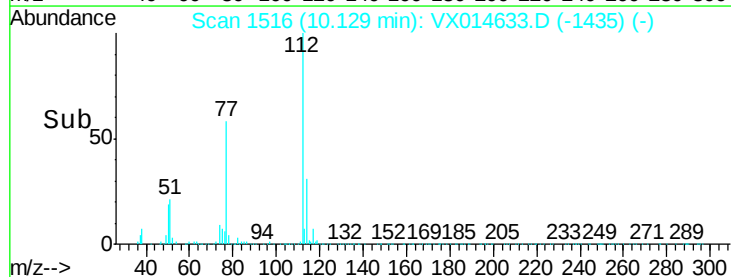
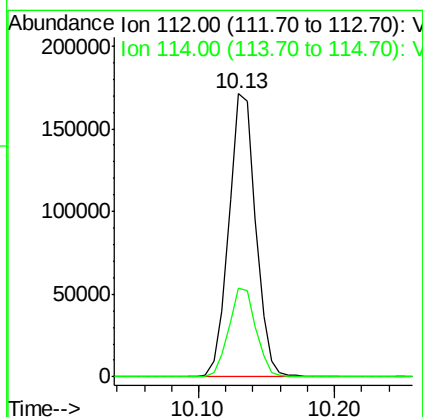
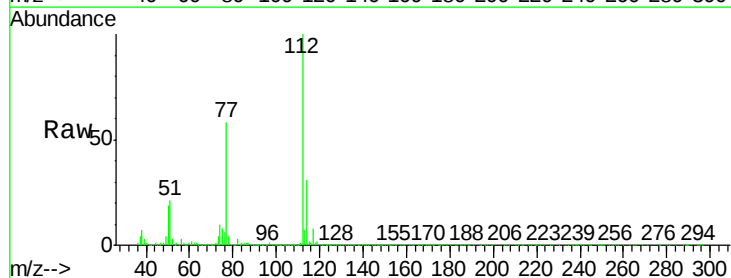
Acq: 16 Jan 2020 13:14

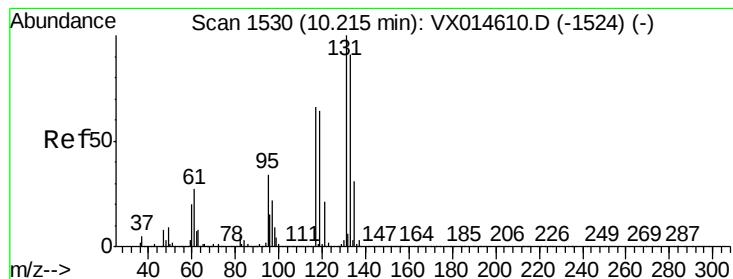
Tgt Ion: 112 Resp: 235572

Ion Ratio Lower Upper

112 100

114 31.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.775 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

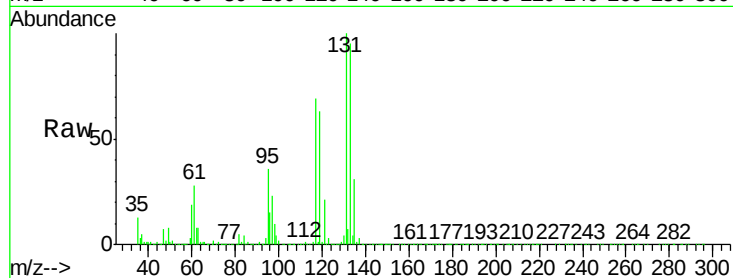
Tot Ion:131 Resp: 87357

Ion Ratio Lower Upper

131 100

133 94.3 0.0 189.8

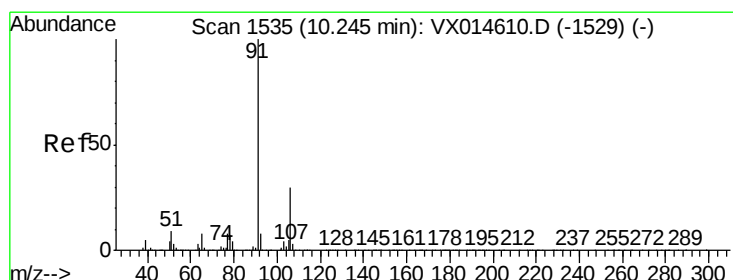
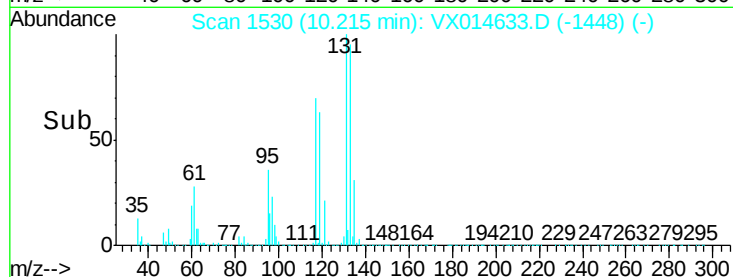
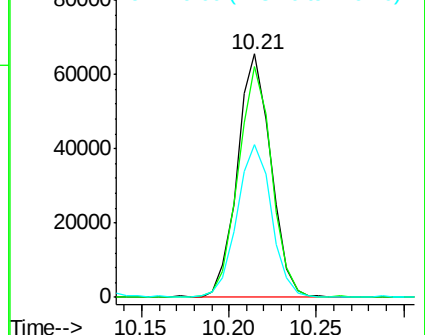
119 64.7 0.0 132.2



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: 19.470 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014633.D

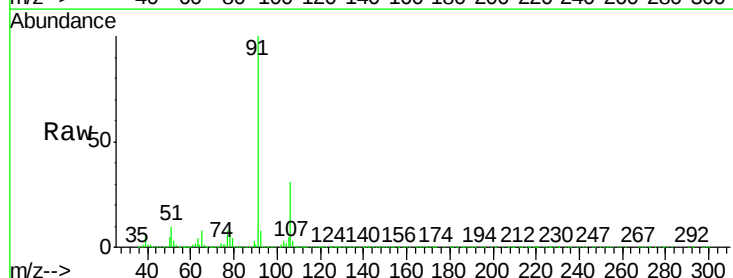
Acq: 16 Jan 2020 13:14

Tgt Ion: 91 Resp: 406327

Ion Ratio Lower Upper

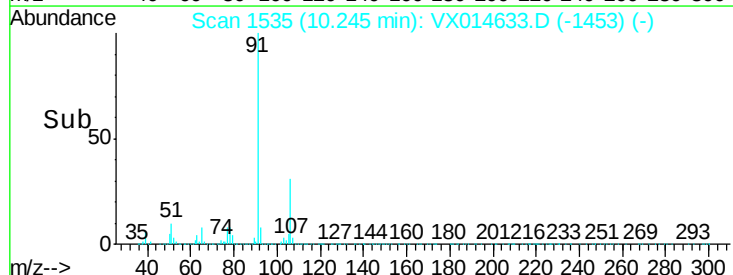
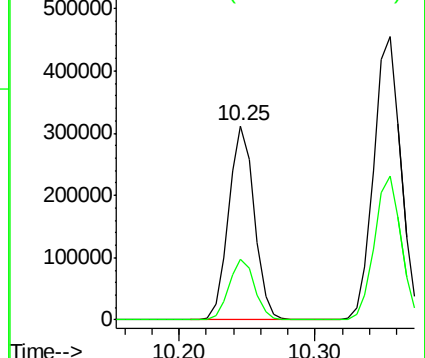
91 100

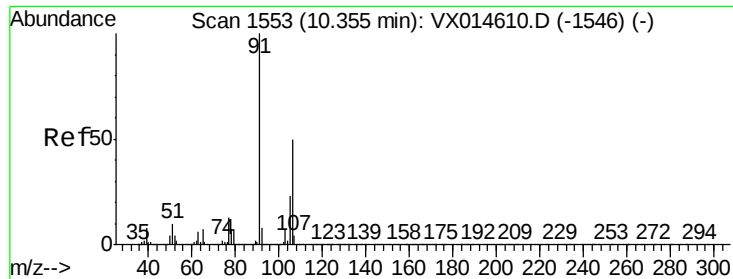
106 31.2 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

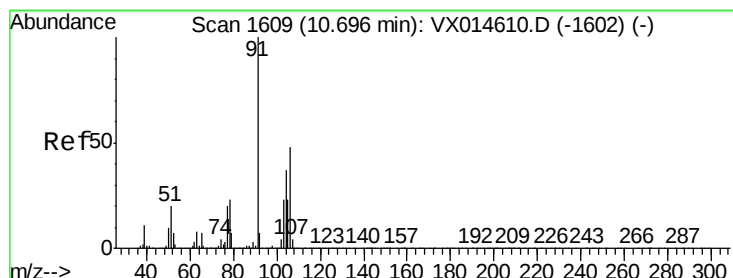
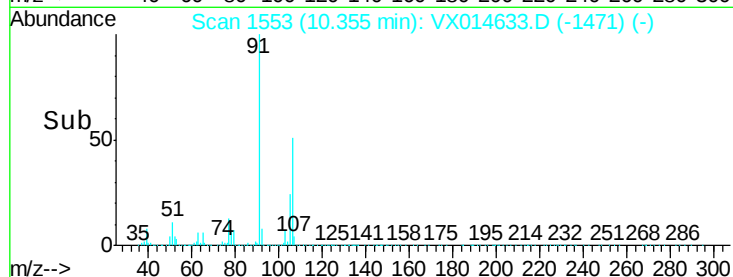
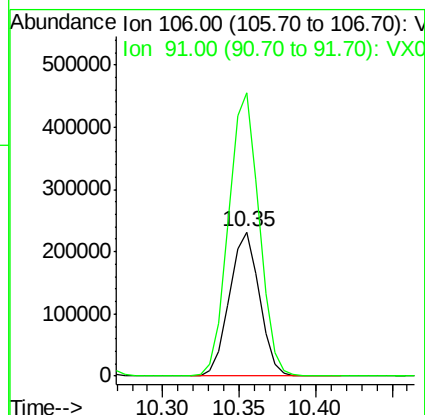
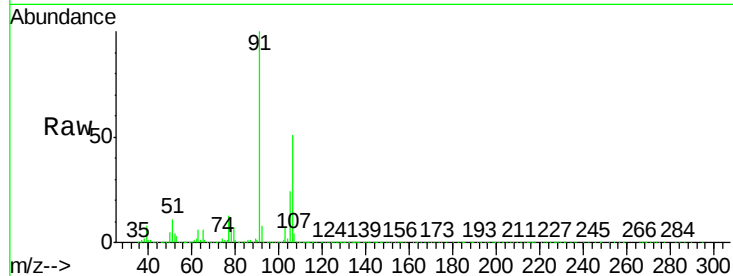




#67
m/p-Xylenes
Concen: 39.312 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

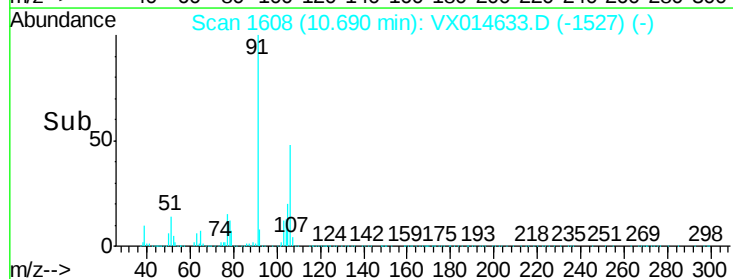
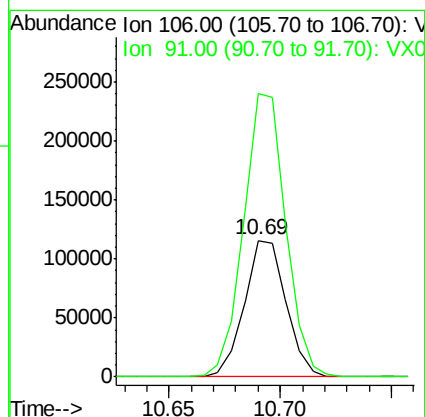
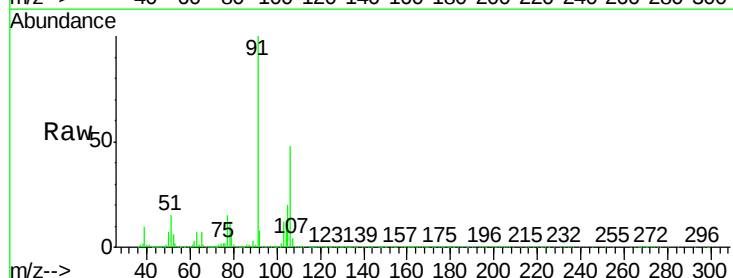
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

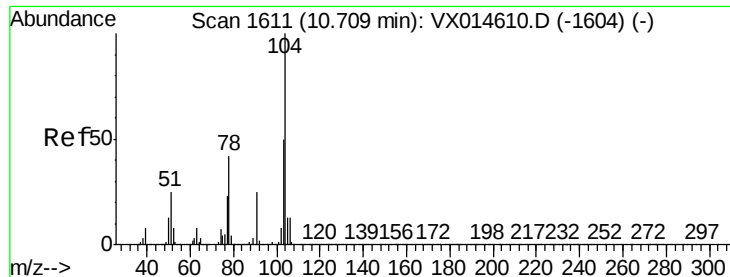
Tot Ion:106 Resp: 314257
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9



#68
o-Xylene
Concen: 19.339 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion:106 Resp: 150539
Ion Ratio Lower Upper
106 100
91 210.6 104.8 314.6

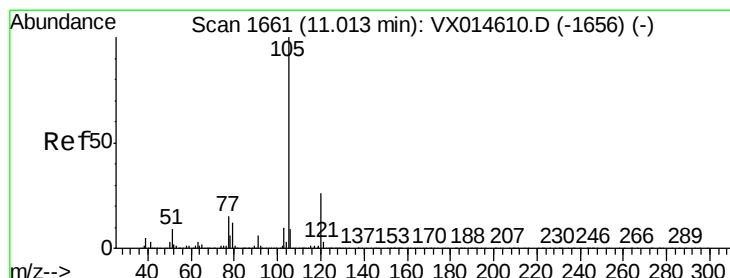
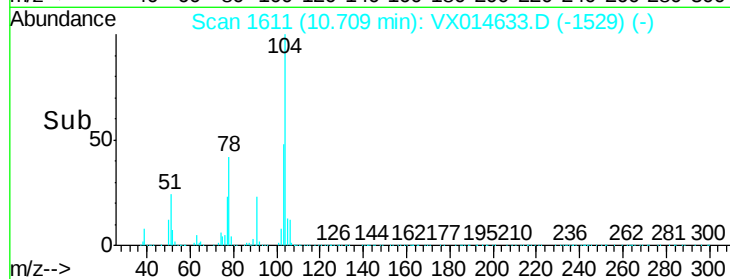
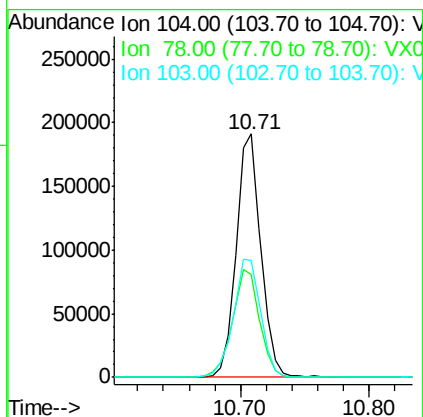
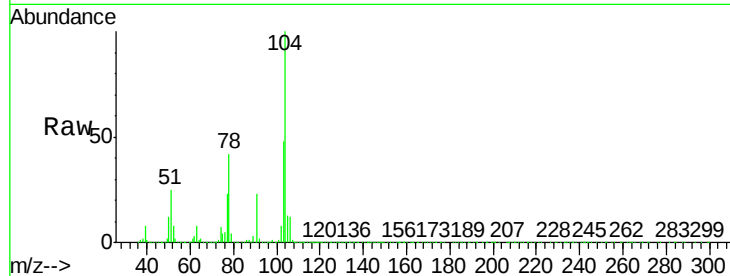




#69
Stvrene
Concen: 19.206 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

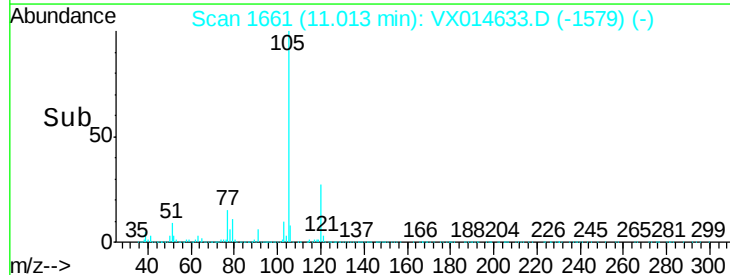
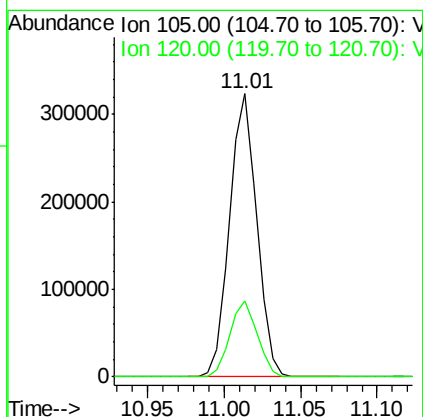
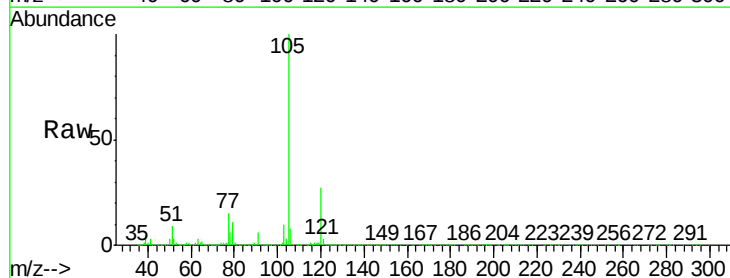
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

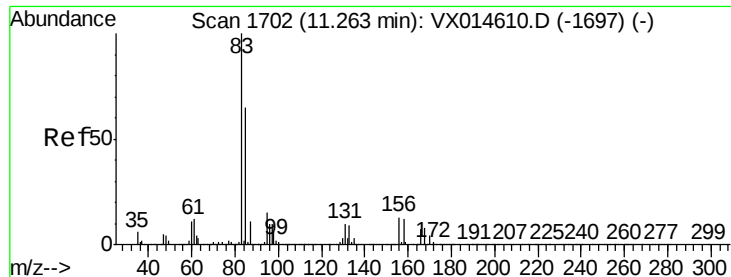
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.9	58.3
103	54.0	44.2	66.2



#70
Isopropylbenzene
Concen: 19.564 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.1	35.5

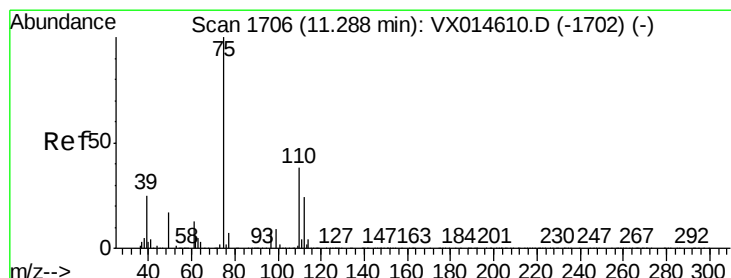
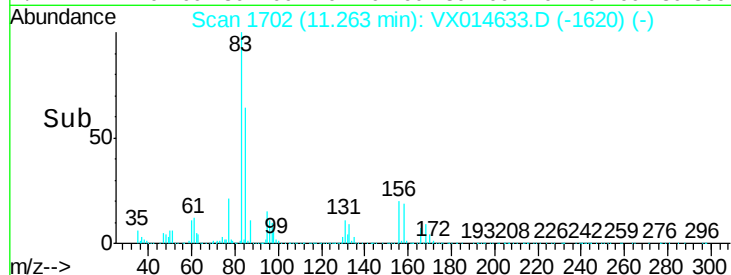
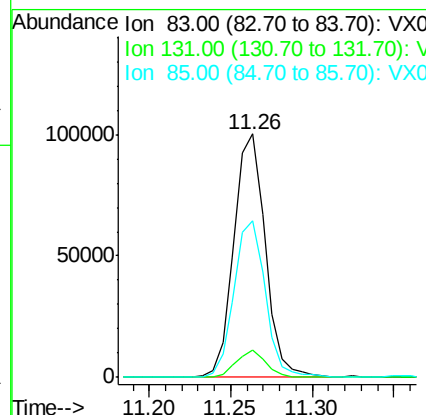
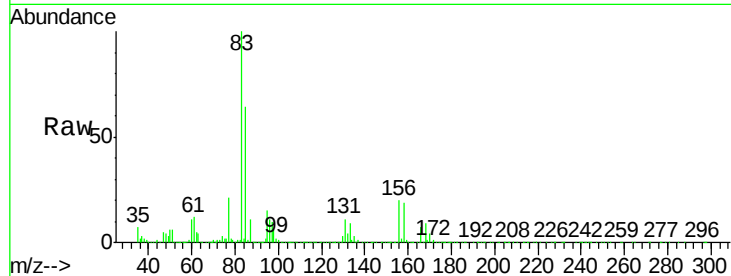




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.574 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

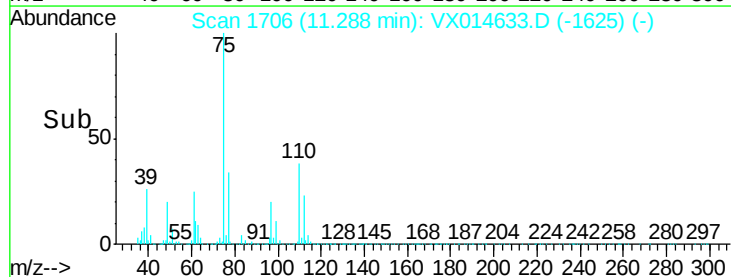
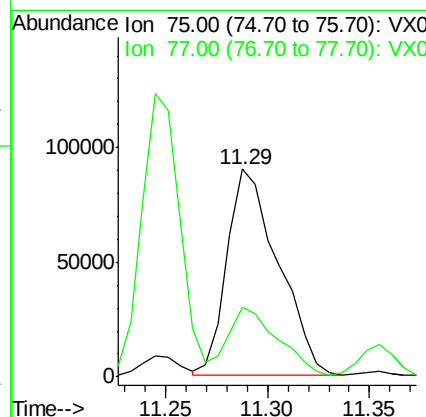
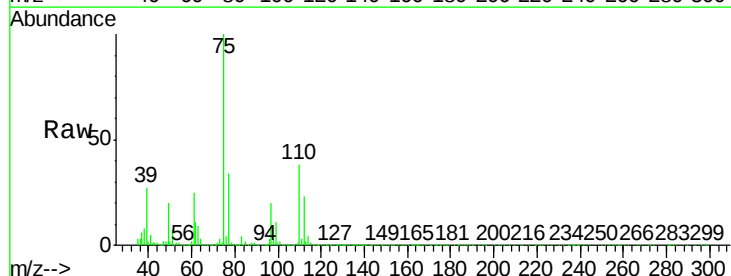
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

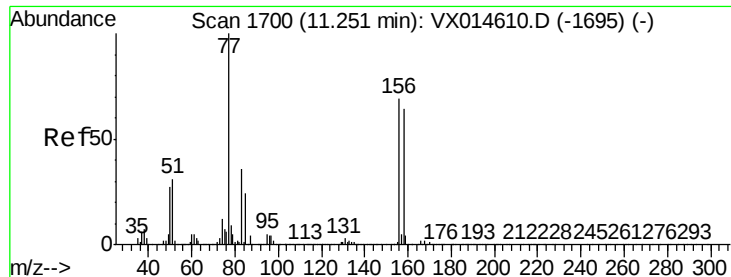
Tot Ion	83	Resp	134461
Ion Ratio	100	Lower	Upper
83	100		
131	10.6	4.9	14.7
85	64.0	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 26.696 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion	75	Resp	156863
Ion Ratio	100	Lower	Upper
75	100		
77	31.5	0.0	68.4





#73

Bromobenzene

Concen: 19.343 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

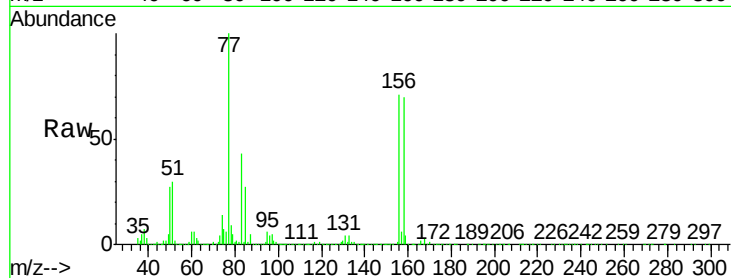
Tot Ion:156 Resp: 104569

Ion Ratio Lower Upper

156 100

77 153.0 0.0 304.6

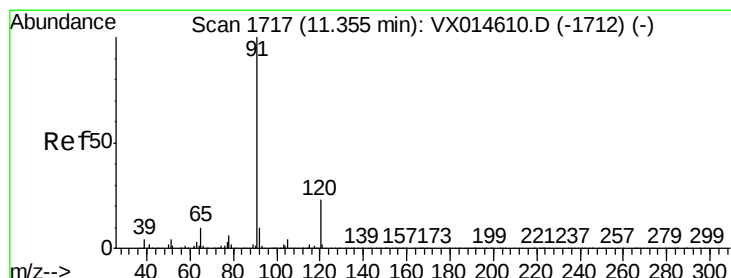
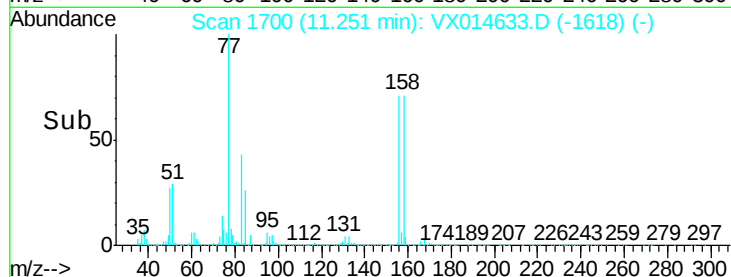
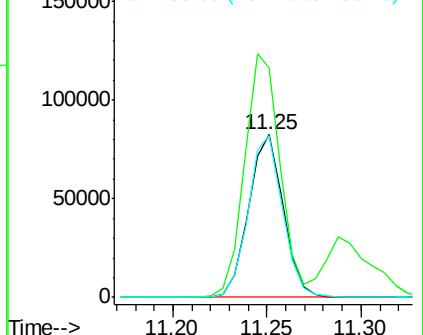
158 98.9 0.0 195.2



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: 19.609 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014633.D

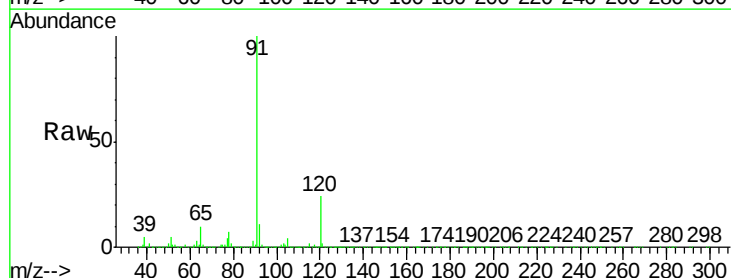
Acq: 16 Jan 2020 13:14

Tgt Ion: 91 Resp: 456937

Ion Ratio Lower Upper

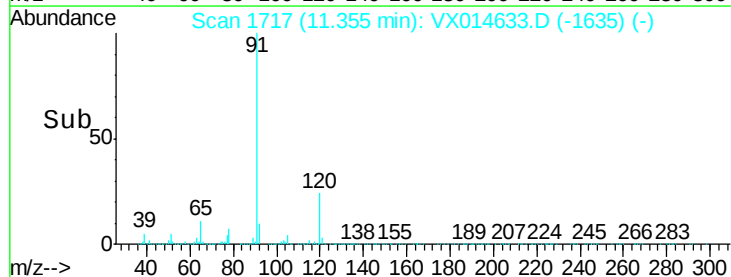
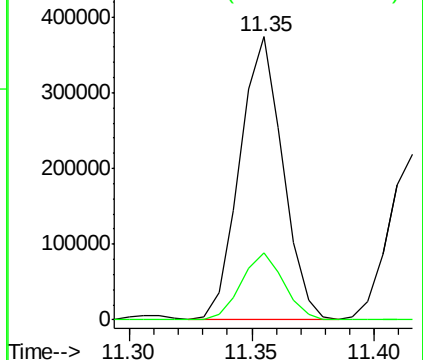
91 100

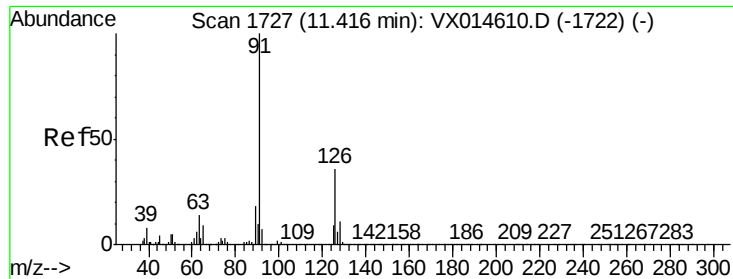
120 23.3 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.371 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

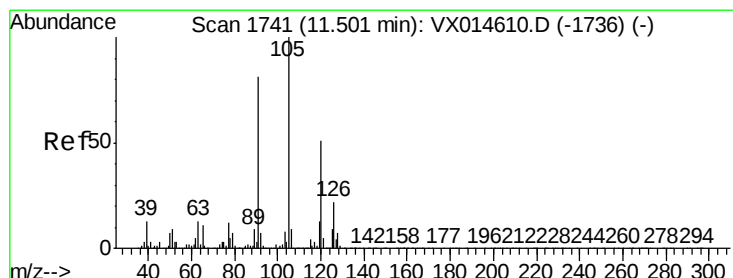
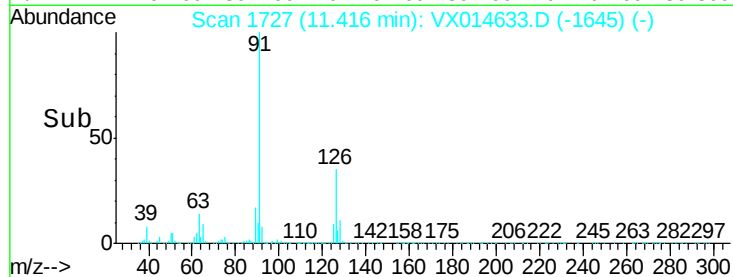
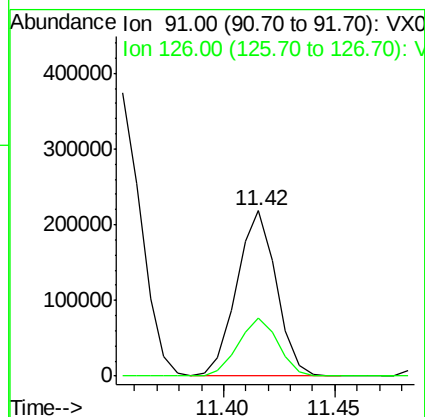
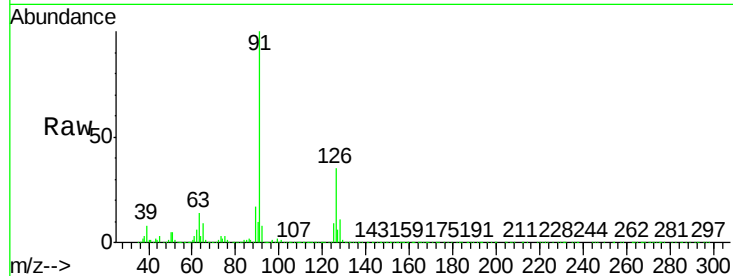
VX0116WBSD01

Tot Ion: 91 Resp: 270538

Ion Ratio Lower Upper

91 100

126 35.4 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 19.565 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014633.D

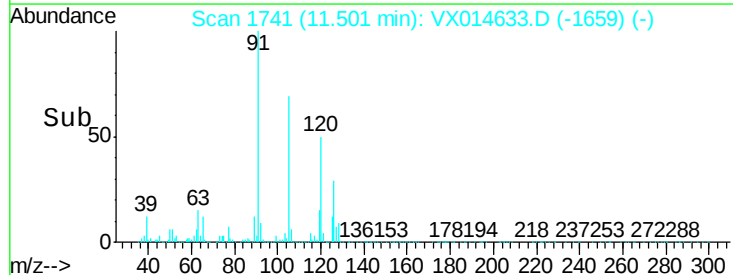
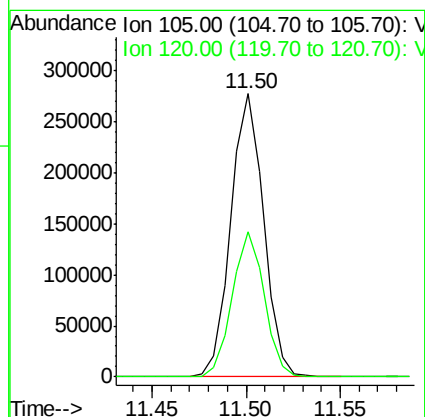
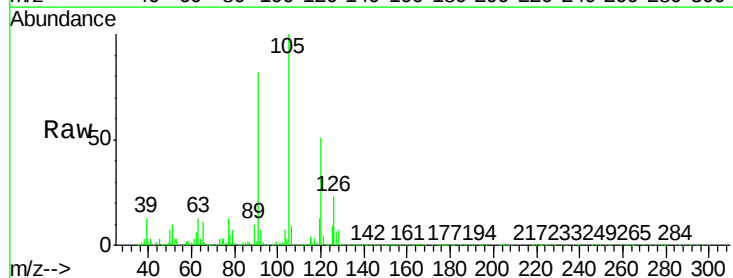
Acq: 16 Jan 2020 13:14

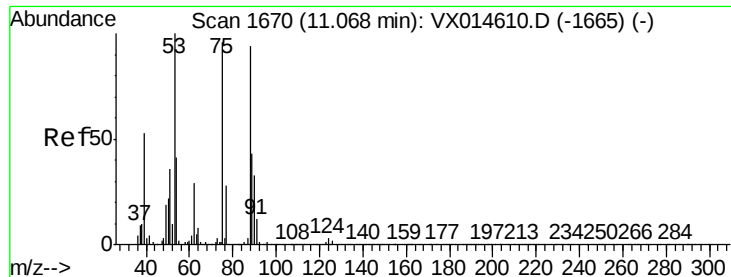
Tgt Ion: 105 Resp: 332456

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.736 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

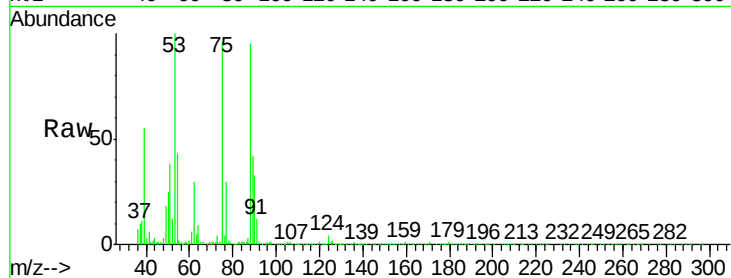
Tot Ion: 75 Resp: 42370

Ion Ratio Lower Upper

75 100

53 104.0 54.4 163.1

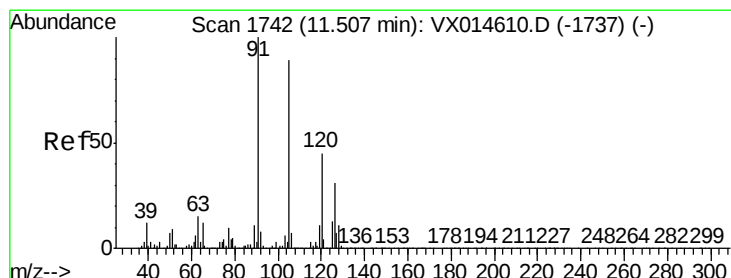
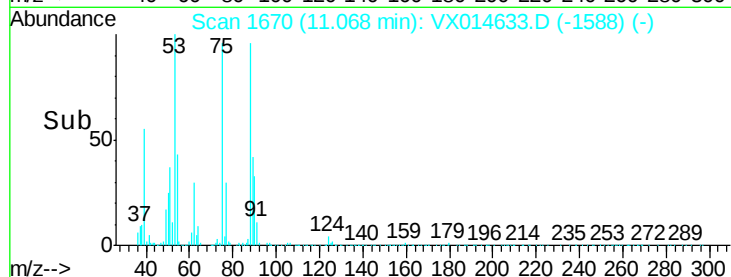
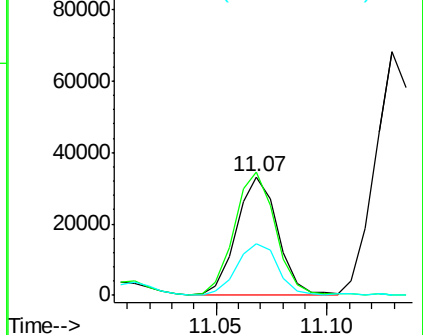
89 43.1 21.9 65.5



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: 19.448 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014633.D

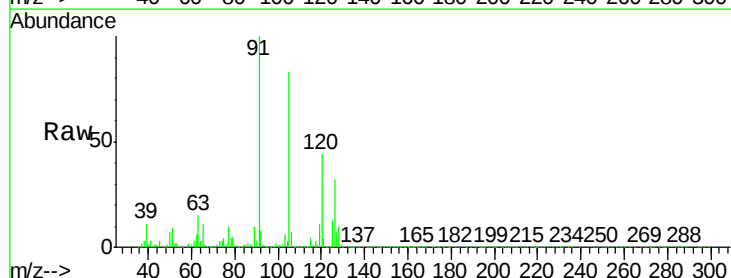
Acq: 16 Jan 2020 13:14

Tgt Ion: 91 Resp: 308459

Ion Ratio Lower Upper

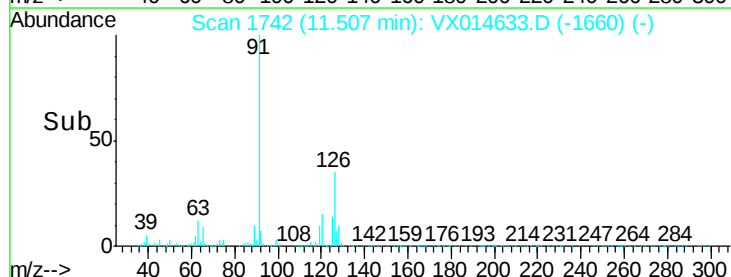
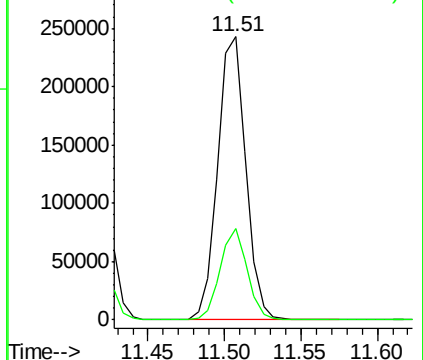
91 100

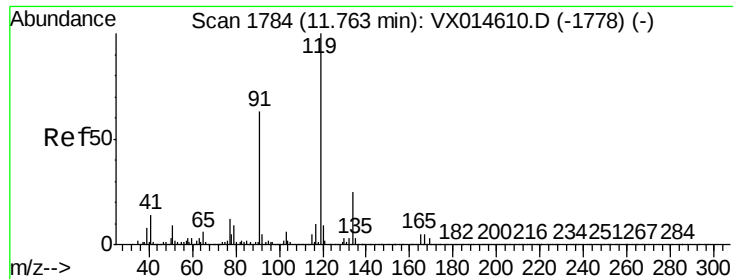
126 30.7 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.688 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

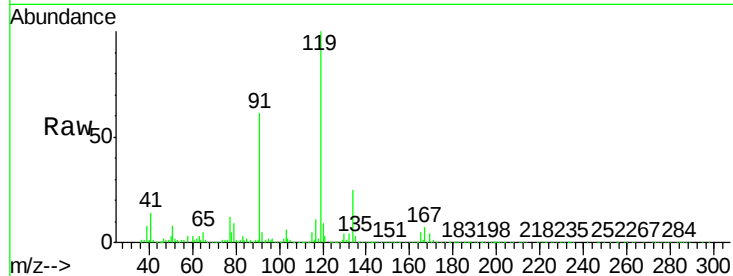
Tot Ion:119 Resp: 313044

Ion Ratio Lower Upper

119 100

91 57.1 0.0 112.6

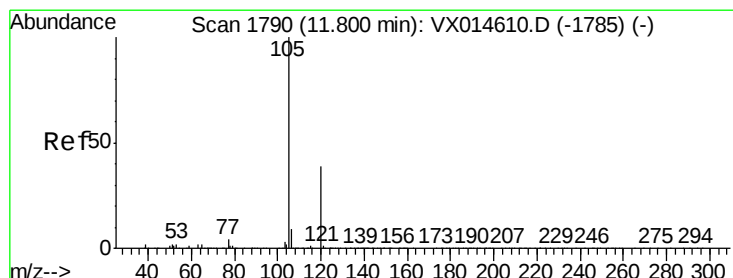
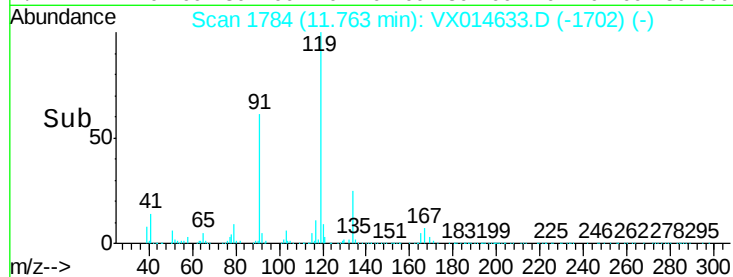
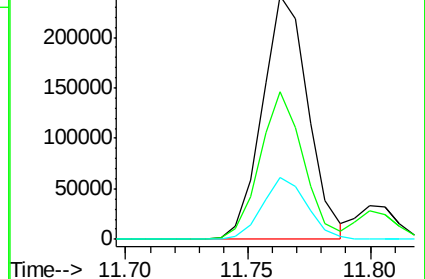
134 24.7 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.566 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014633.D

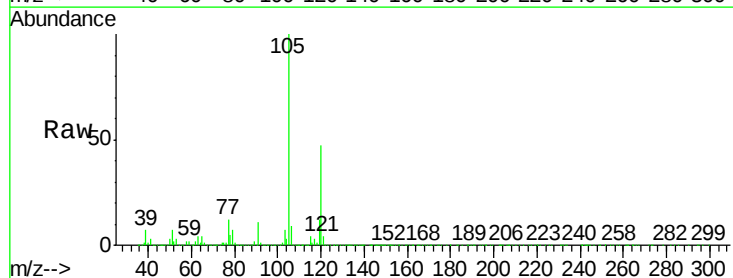
Acq: 16 Jan 2020 13:14

Tgt Ion:105 Resp: 331620

Ion Ratio Lower Upper

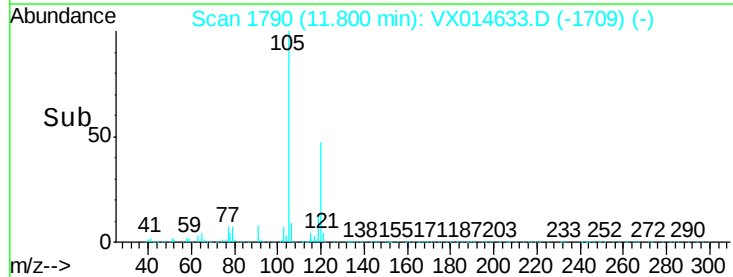
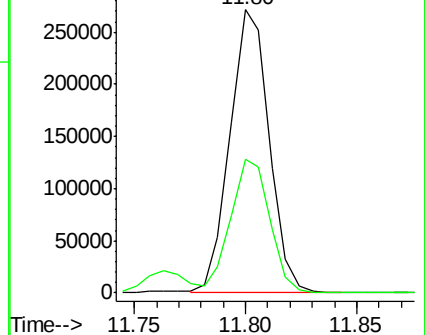
105 100

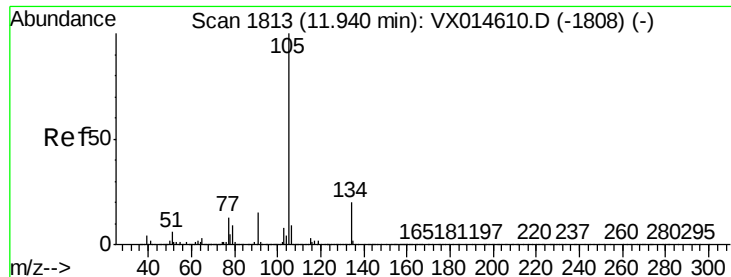
120 47.3 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.618 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

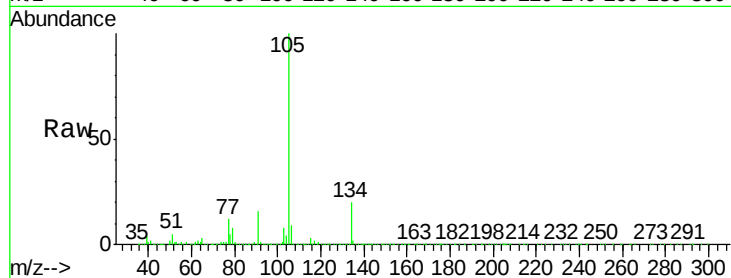
VX0116WBSD01

Tot Ion:105 Resp: 385980

Ion Ratio Lower Upper

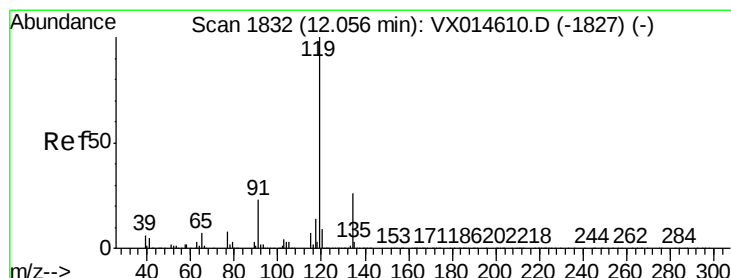
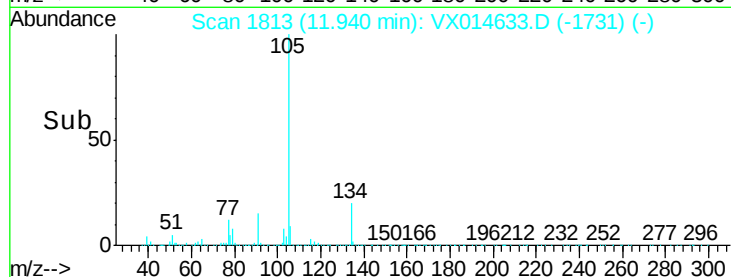
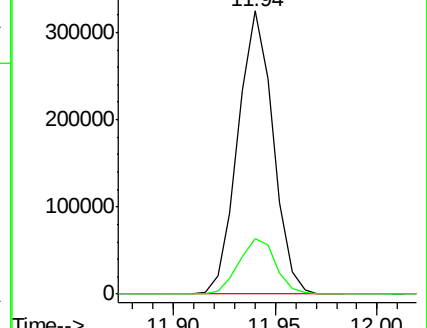
105 100

134 20.5 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.683 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

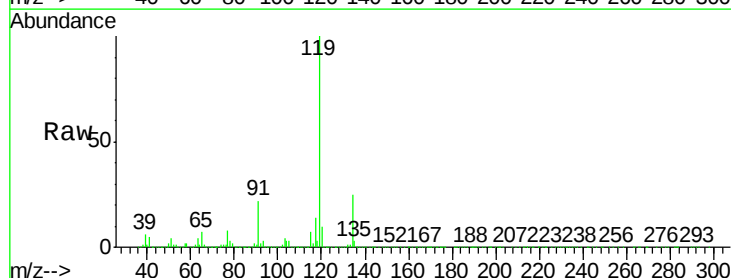
Tgt Ion:119 Resp: 353542

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.8

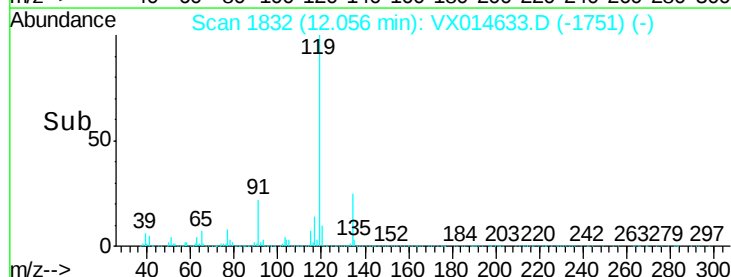
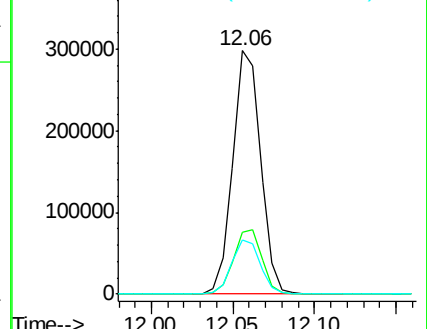
91 22.5 0.0 45.0

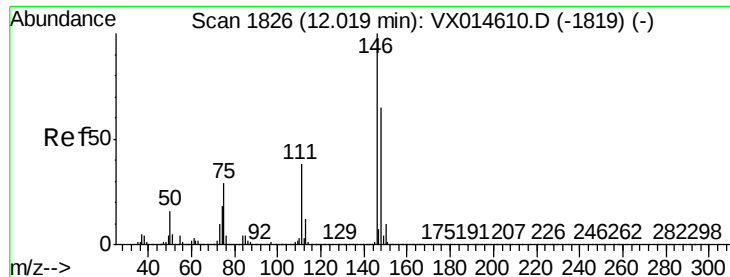


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

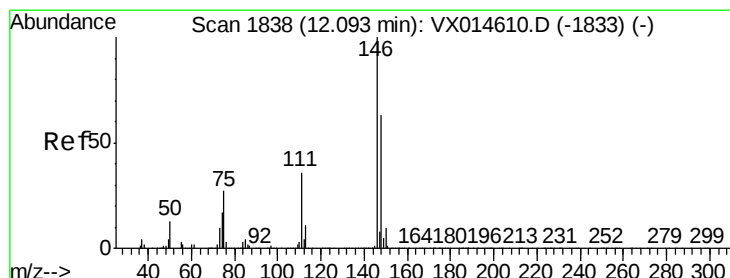
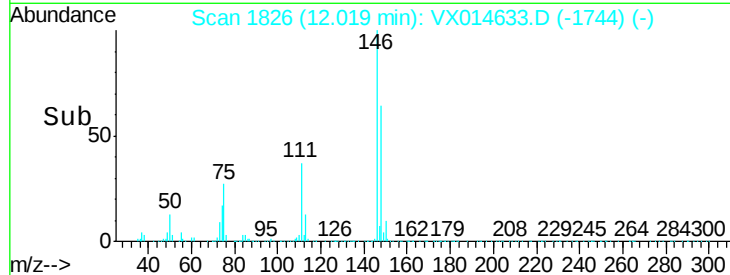
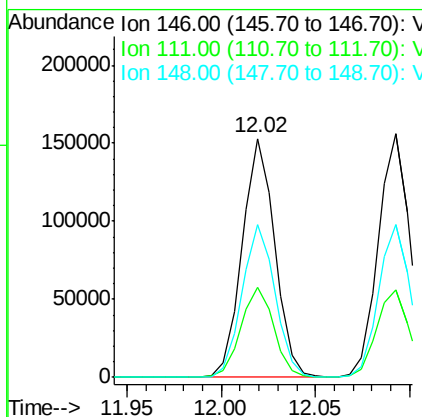
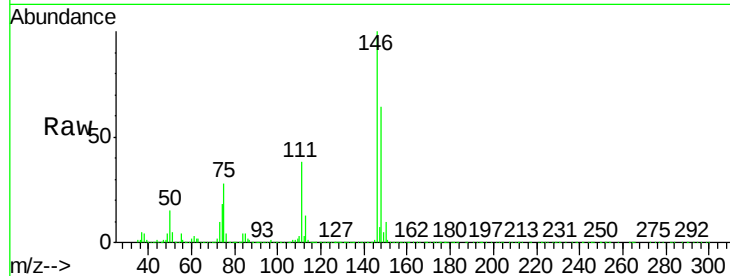




#83
 1,3-Dichlorobenzene
 Concen: 19.418 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

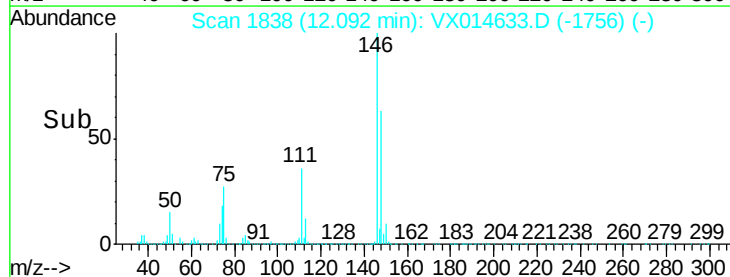
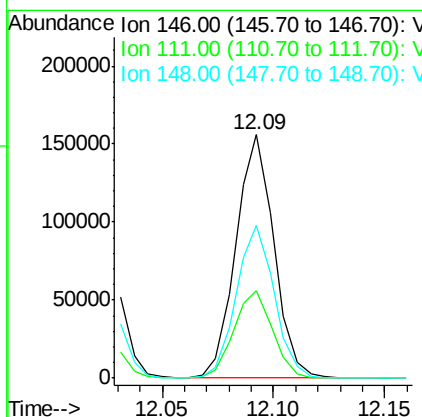
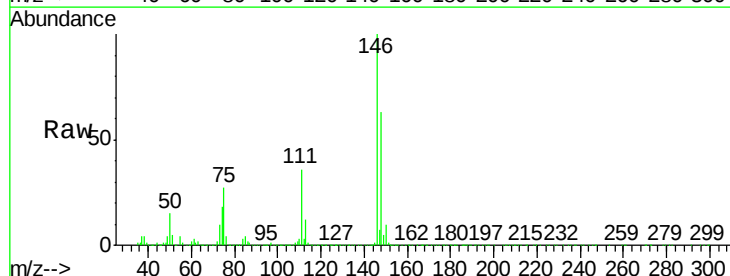
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

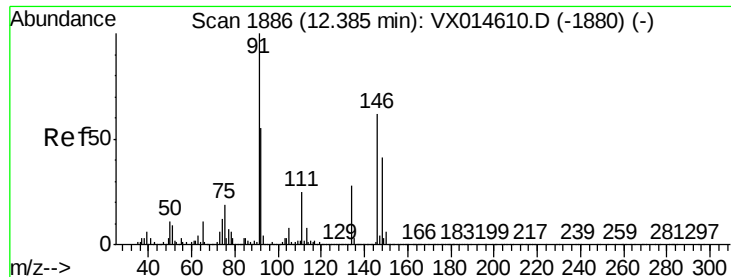
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	64.6	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	63.8	32.0	96.0

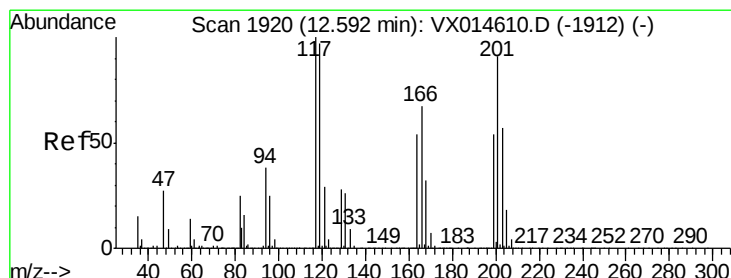
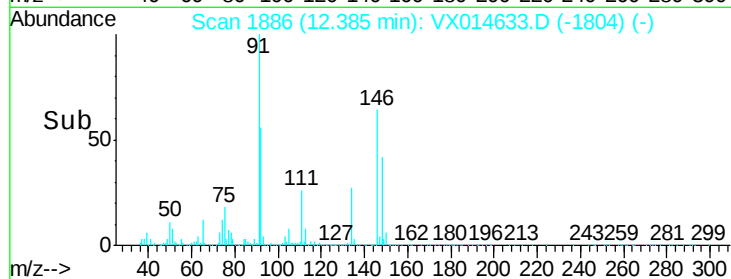
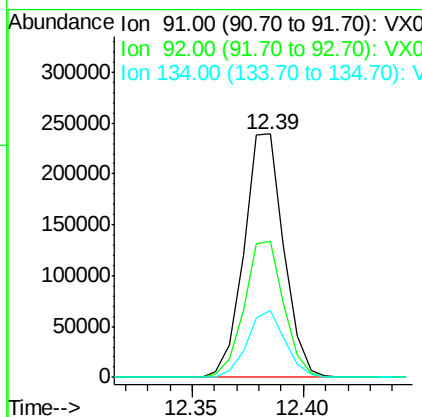
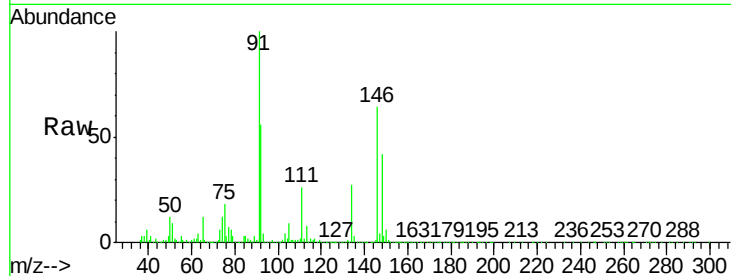




#85
n-Butylbenzene
Concen: 18.904 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

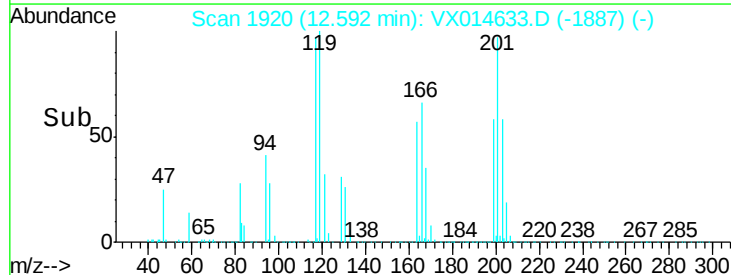
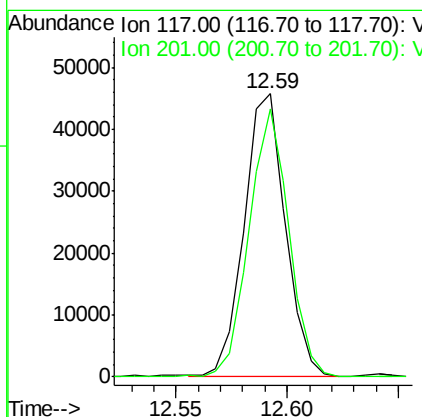
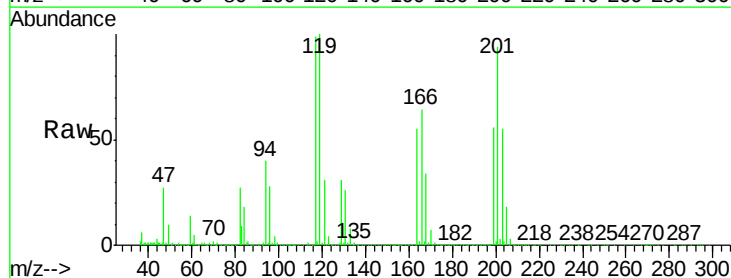
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

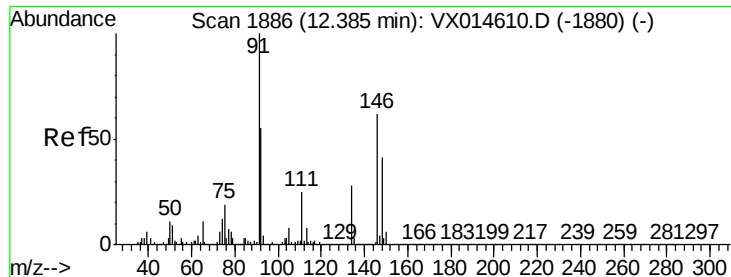
Tot Ion: 91 Resp: 297081
Ion Ratio Lower Upper
91 100
92 55.5 0.0 109.0
134 26.1 0.0 54.0



#86
Hexachloroethane
Concen: 18.301 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion: 117 Resp: 58945
Ion Ratio Lower Upper
117 100
201 91.1 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 19.456 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBSD01

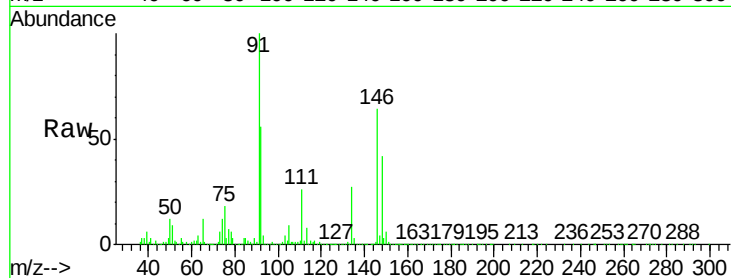
Tot Ion:146 Resp: 185304

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

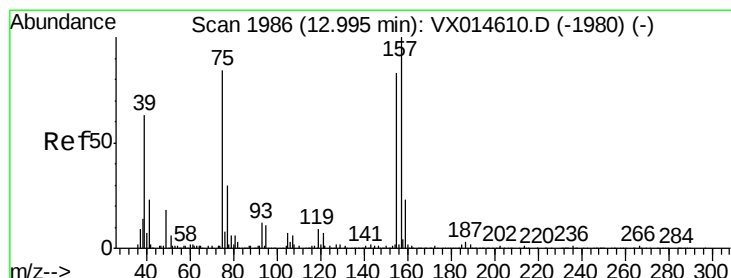
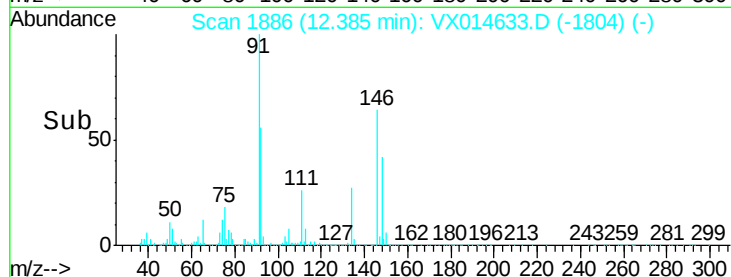
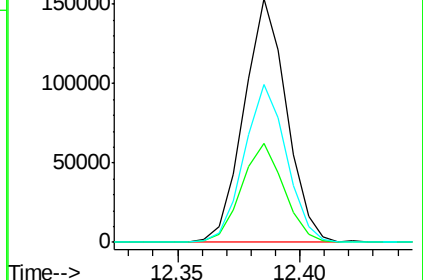
148 64.8 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.188 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014633.D

Acq: 16 Jan 2020 13:14

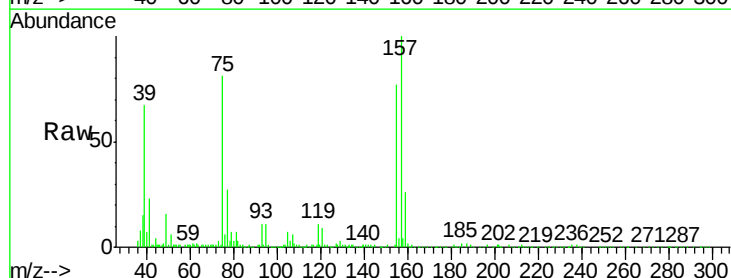
Tgt Ion: 75 Resp: 28156

Ion Ratio Lower Upper

75 100

155 92.5 73.8 110.6

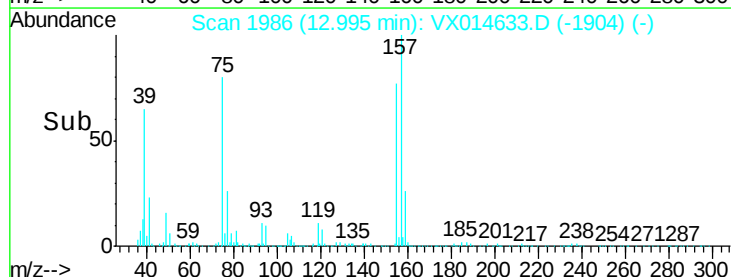
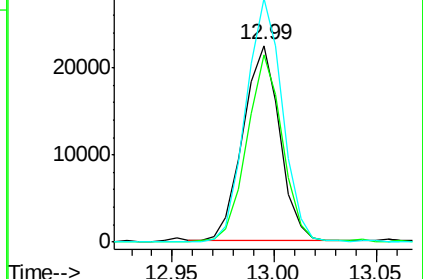
157 123.7 95.0 142.4

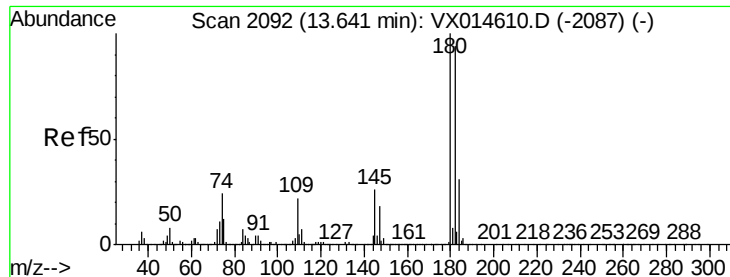


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

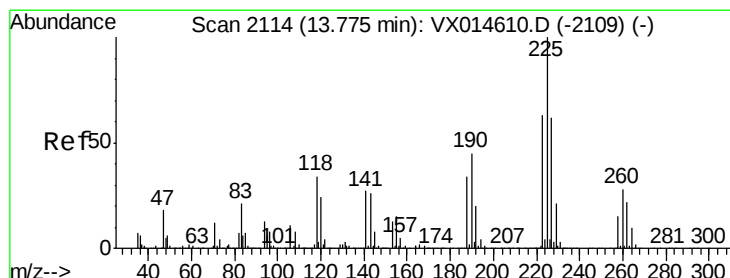
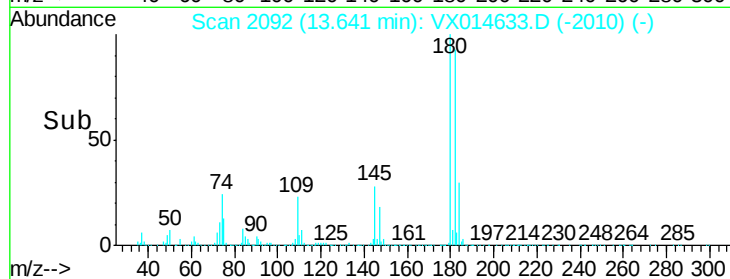
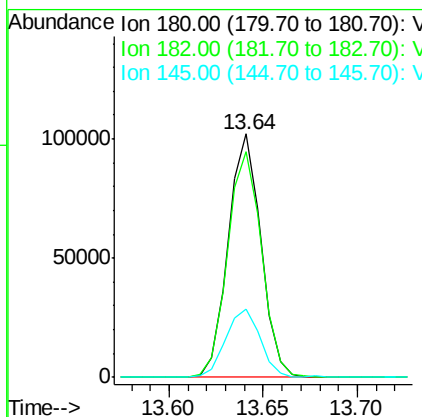
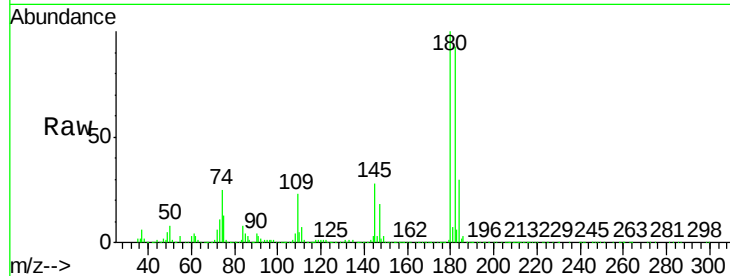




#89
 1,2,4-Trichlorobenzene
 Concen: 19.510 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

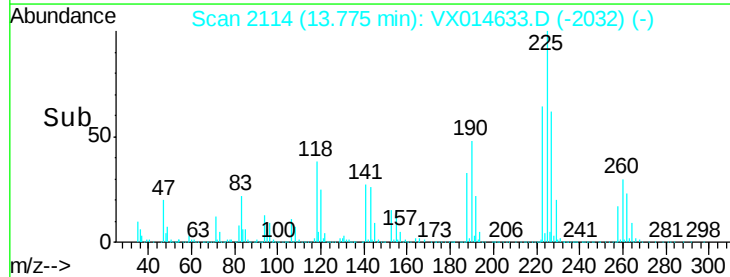
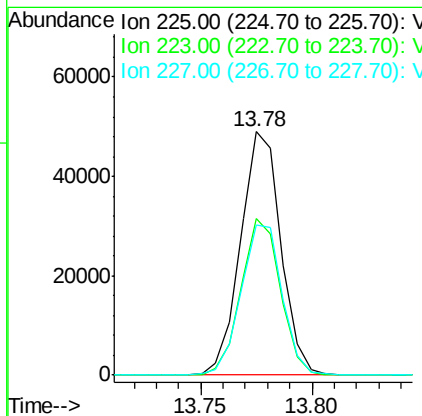
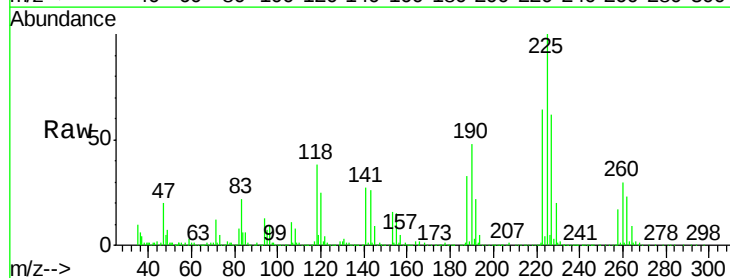
Instrument :
 MSVOA_X
 ClientSampled :
 VX0116WBSD01

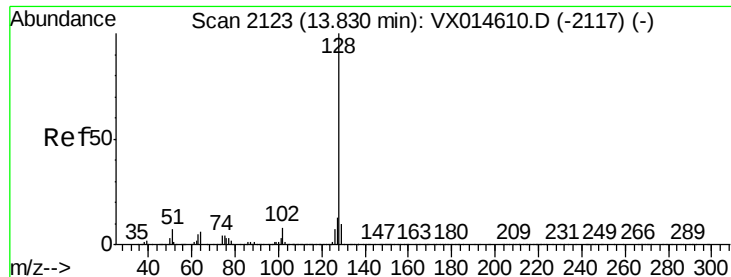
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.4	114.6
145	29.4	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 19.646 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014633.D
 Acq: 16 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	127.4
227	63.3	0.0	122.8

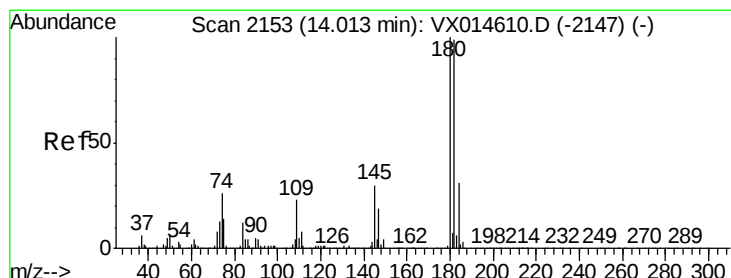
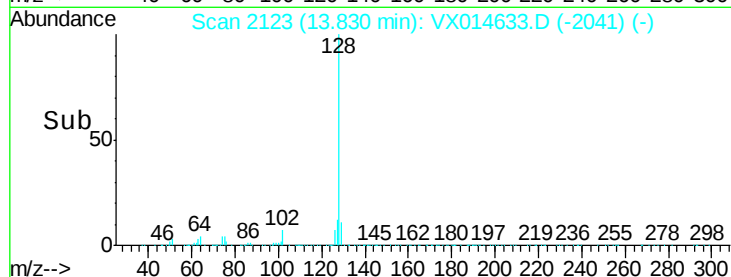
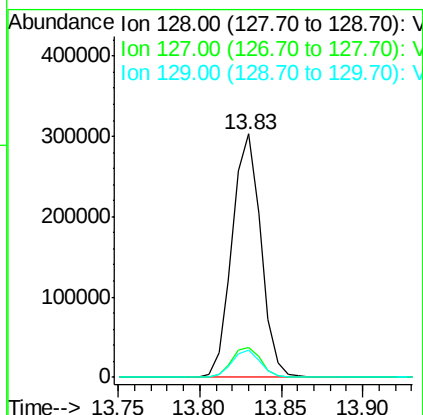
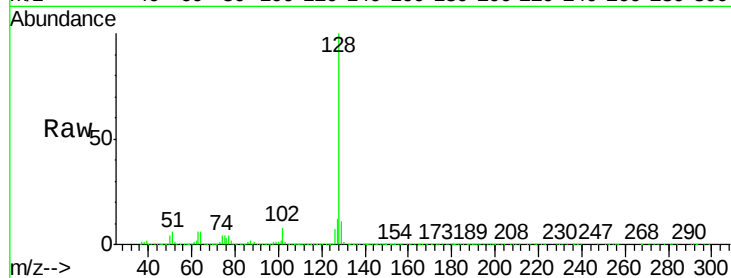




#91
Naphthalene
Concen: 19.628 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBSD01

Tot Ion:128 Resp: 372474
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.358 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014633.D
Acq: 16 Jan 2020 13:14

Tgt Ion:180 Resp: 123868
Ion Ratio Lower Upper
180 100
182 98.0 0.0 192.8
145 30.6 0.0 60.0

