

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015121.D
 Acq On : 06 Mar 2020 13:02
 Operator : JC/SP
 Sample : VX0306WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 06 23:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	61366	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	320267	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	300853	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	128549	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	139321	29.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.10%
63) Toluene-d8	8.71	98	397393	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	47746	17.424 ug/l	95
3) Chloromethane	1.32	50	74681	21.076 ug/l	97
4) Vinyl Chloride	1.40	62	74759	19.604 ug/l	100
5) Bromomethane	1.65	94	49960	18.708 ug/l	96
6) Chloroethane	1.72	64	49447	19.357 ug/l	97
7) Trichlorofluoromethane	1.93	101	95495	17.206 ug/l	100
8) Diethyl Ether	2.18	74	43380	18.580 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61601	19.197 ug/l	100
10) 1,1-Dichloroethene	2.37	96	61287	18.998 ug/l	98
11) Methyl Iodide	2.50	142	54451	13.892 ug/l	98
12) Methyl Acetate	2.76	43	88849	22.133 ug/l	94
13) Acrolein	2.28	56	82871	103.801 ug/l	100
14) Acrylonitrile	3.13	53	177492	97.905 ug/l	99
15) Acetone	2.44	58	50739	78.206 ug/l	89
16) Carbon Disulfide	2.56	76	154695	17.835 ug/l	100
17) Allyl chloride	2.72	41	117390	20.919 ug/l	87
18) Methylene Chloride	2.85	84	74958	20.167 ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	67818	19.140 ug/l	97
20) Diisopropyl ether	3.84	45	237085	20.688 ug/l	96
21) 1,1-Dichloroethane	3.69	63	126254	20.097 ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	79741	19.666 ug/l	97
23) tert-Butyl Alcohol	3.05	59	72558	100.966 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	217056	20.224 ug/l	99
25) Chloroform	5.20	83	127010	20.048 ug/l	95
26) Cyclohexane	5.57	56	108022	19.239 ug/l	# 97
29) 1,1-Dichloropropene	5.79	75	95278	21.033 ug/l	96
30) 2-Butanone	4.66	43	243344	93.067 ug/l	99
31) 2,2-Dichloropropane	4.56	77	98669	19.836 ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	104761	20.364 ug/l	98
33) Carbon Tetrachloride	5.77	117	90299	20.052 ug/l	97
34) Benzene	6.13	78	282567	20.672 ug/l	98
35) Methacrylonitrile	5.02	41	53832	20.183 ug/l	96
36) 1,2-Dichloroethane	6.18	62	103672	21.427 ug/l	98
37) Trichloroethene	7.20	130	77915	20.302 ug/l	100
38) Methylcyclohexane	7.45	83	110332	19.650 ug/l	98
39) 1,2-Dichloropropane	7.50	63	74741	21.243 ug/l	97
40) Dibromomethane	7.65	93	48519	20.652 ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 06 23:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	98691	21.265	ug/l	99
42) Vinyl Acetate	3.80	43	983378	106.850	ug/l	100
43) Ethyl Acetate	4.82	43	93803	19.827	ug/l	96
44) Isopropyl Acetate	6.43	43	158404	19.917	ug/l	99
45) 1,4-Dioxane	7.76	88	33333	453.578	ug/l	98
46) Methyl methacrylate	7.76	41	78384	19.922	ug/l	97
47) n-amyl Acetate	10.89	43	136629	19.830	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	106619	20.707	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	118817	20.960	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	73760	21.073	ug/l	98
51) Ethyl methacrylate	9.17	69	106045	19.629	ug/l	97
52) 1,3-Dichloropropane	9.36	76	126390	21.345	ug/l	99
53) Dibromochloromethane	9.57	129	77906	20.586	ug/l	99
54) 1,2-Dibromoethane	9.67	107	77055	20.734	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	290018	100.778	ug/l	98
56) Bromoform	10.85	173	57591	19.413	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	494113	100.214	ug/l	99
59) 2-Hexanone	9.48	43	360491	93.574	ug/l	99
61) Tetrachloroethene	9.33	164	80472	19.915	ug/l	96
62) Toluene	8.78	91	305838	19.847	ug/l	98
64) Chlorobenzene	10.13	112	195440	19.870	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	73581	20.196	ug/l	99
66) Ethyl Benzene	10.25	91	336832	19.843	ug/l	97
67) m/p-Xylenes	10.35	106	256811	39.233	ug/l	99
68) o-Xylene	10.70	106	122256	19.303	ug/l	99
69) Styrene	10.71	104	208995	19.321	ug/l	99
70) Isopropylbenzene	11.01	105	329796	19.603	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	109277	20.174	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	121906	27.132	ug/l	92
73) Bromobenzene	11.25	156	87848	19.325	ug/l	94
74) n-propylbenzene	11.35	91	388631	20.296	ug/l	98
75) 2-Chlorotoluene	11.42	91	231234	20.435	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	275025	19.506	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	32491	17.933	ug/l	96
78) 4-Chlorotoluene	11.51	91	263534	20.134	ug/l	100
79) tert-butylbenzene	11.76	119	266422	19.558	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	277924	19.827	ug/l	99
81) sec-Butylbenzene	11.94	105	326819	20.034	ug/l	100
82) p-Isopropyltoluene	12.06	119	298446	19.693	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	157249	19.733	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	157912	19.678	ug/l	98
85) n-Butylbenzene	12.38	91	263559	19.985	ug/l	98
86) Hexachloroethane	12.59	117	52825	19.284	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	160533	20.244	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	21117	17.900	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	110152	19.317	ug/l	99
90) Hexachlorobutadiene	13.77	225	57167	20.186	ug/l	94
91) Naphthalene	13.83	128	312642	19.365	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	112895	19.940	ug/l	99

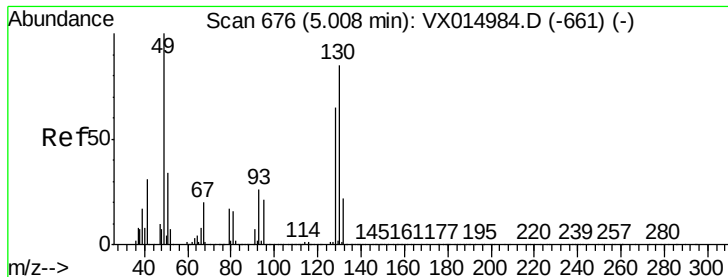
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ClientSampleId :

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 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. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

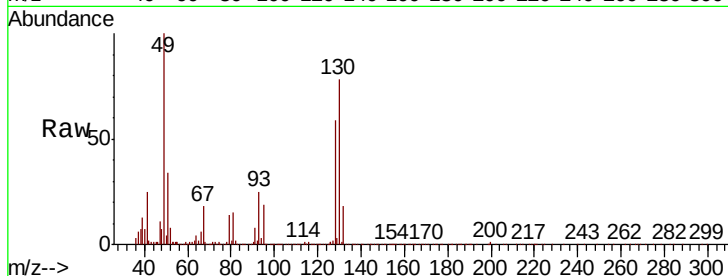
Tot Ion:128 Resp: 61366

Ion Ratio Lower Upper

128 100

49 160.9 0.0 384.7

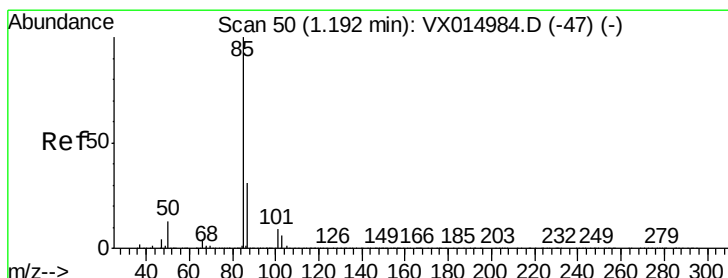
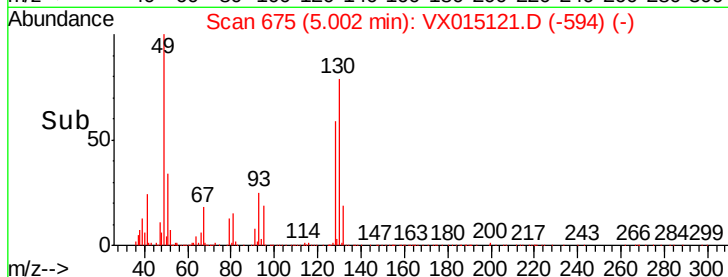
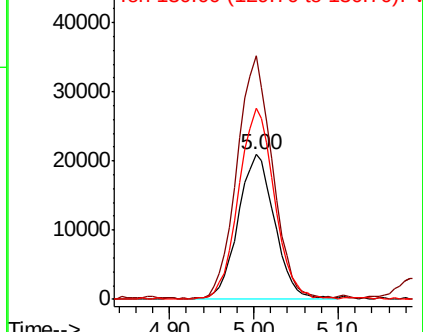
130 129.3 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.424 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015121.D

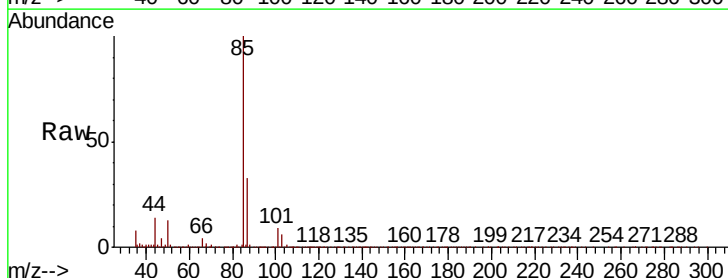
Acq: 06 Mar 2020 13:02

Tgt Ion: 85 Resp: 47746

Ion Ratio Lower Upper

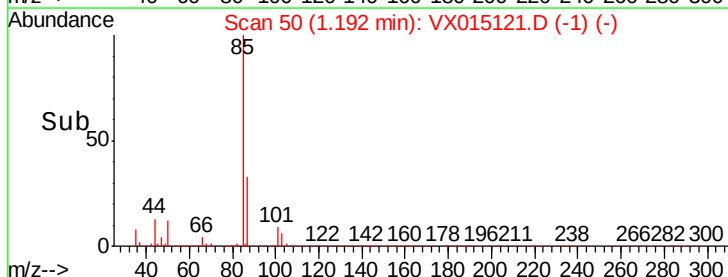
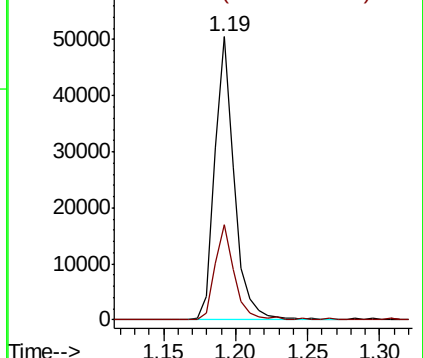
85 100

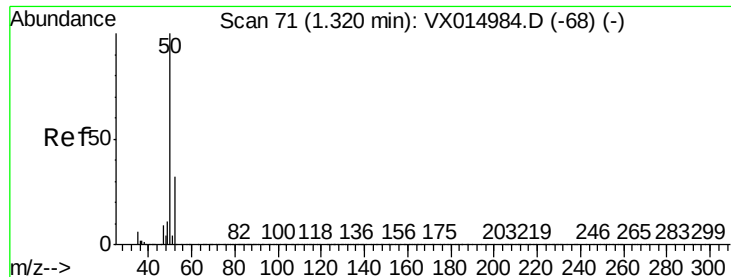
87 33.3 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

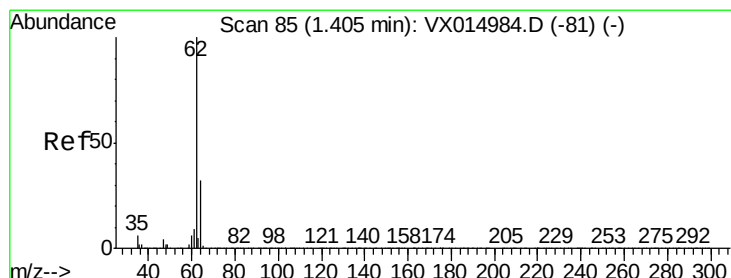
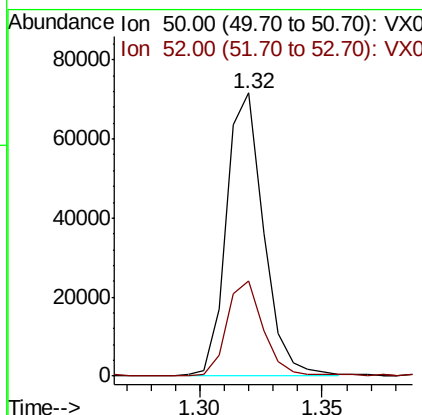
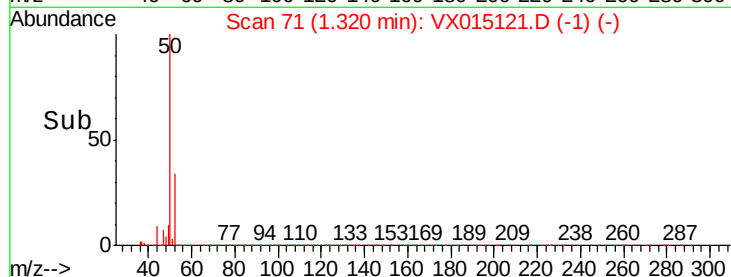
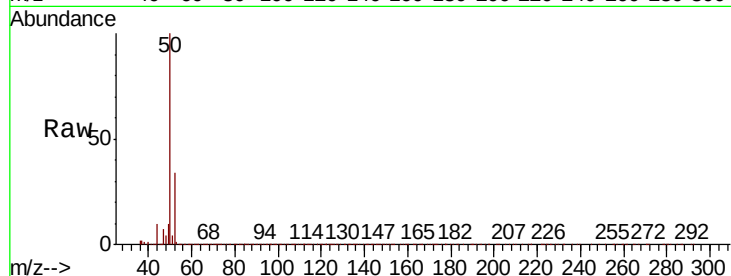




#3
Chloromethane
Concen: 21.076 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

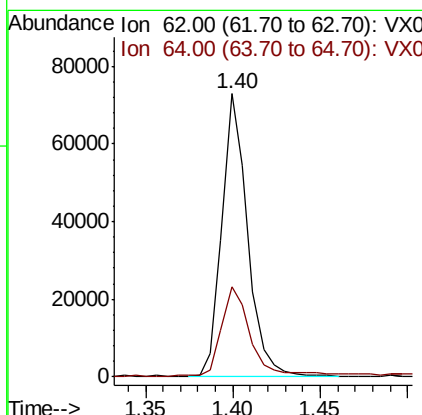
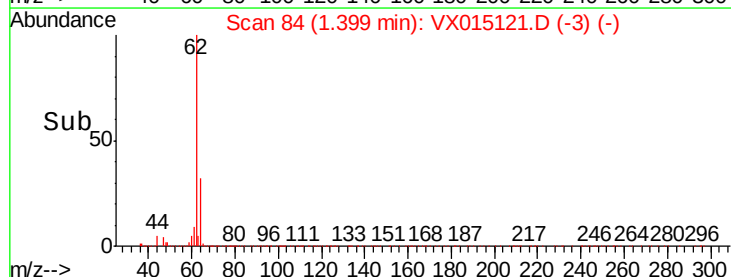
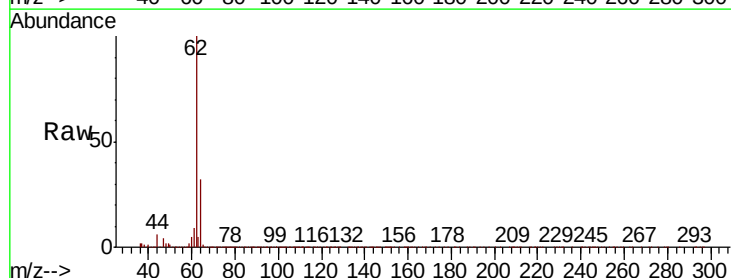
Instrument :
MSVOA_X
ClientSampled :

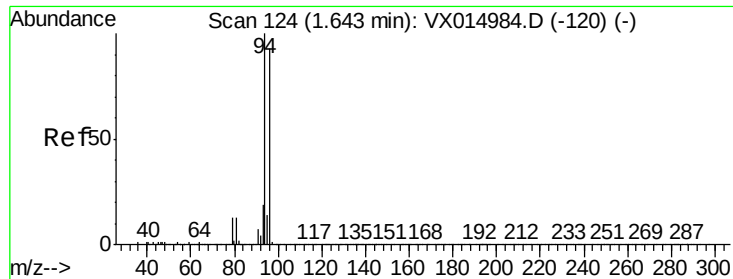
Tot Ion: 50 Resp: 74681
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0



#4
Vinyl Chloride
Concen: 19.604 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 62 Resp: 74759
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5

Bromomethane

Concen: 18.708 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

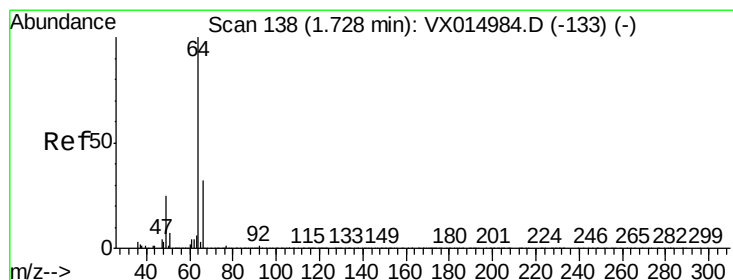
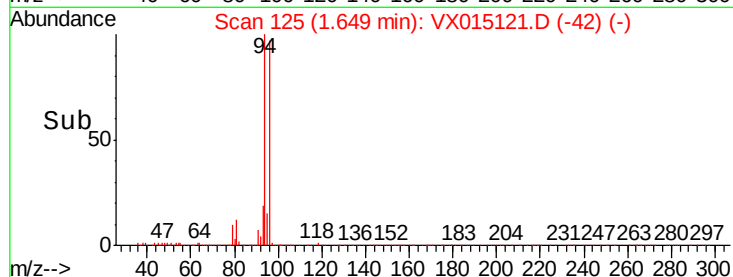
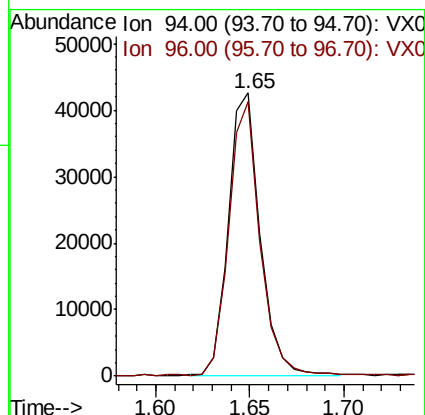
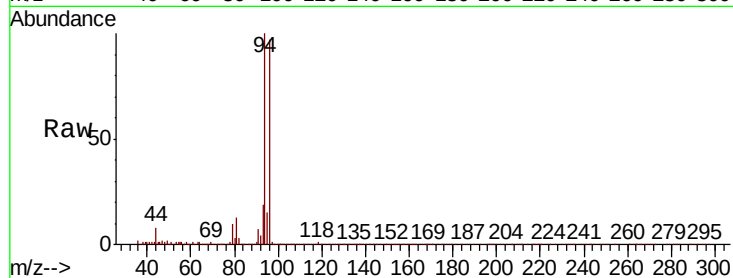
ClientSampleId :

Tot Ion: 94 Resp: 49960

Ion Ratio Lower Upper

94 100

96 97.2 74.6 112.0



#6

Chloroethane

Concen: 19.357 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015121.D

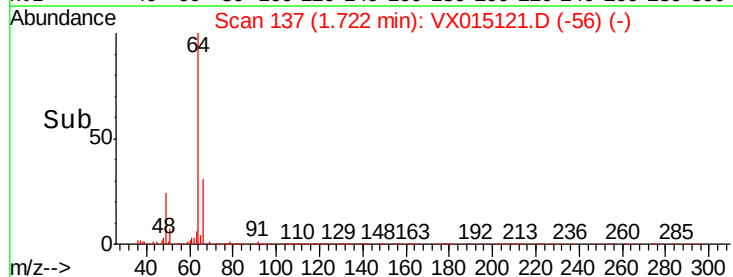
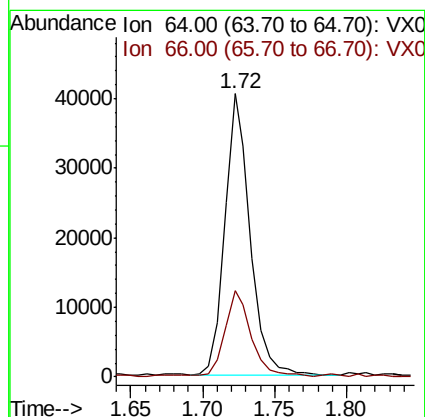
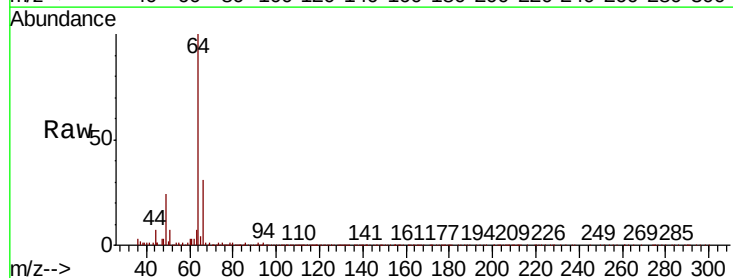
Acq: 06 Mar 2020 13:02

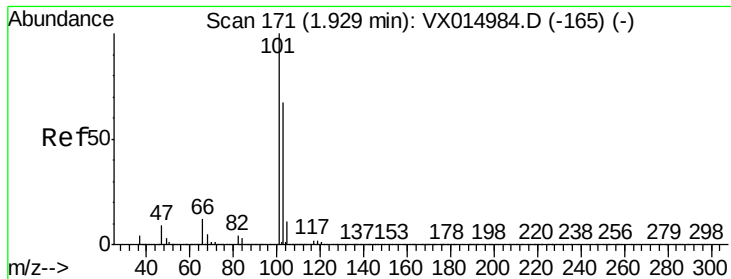
Tgt Ion: 64 Resp: 49447

Ion Ratio Lower Upper

64 100

66 30.3 25.8 38.6



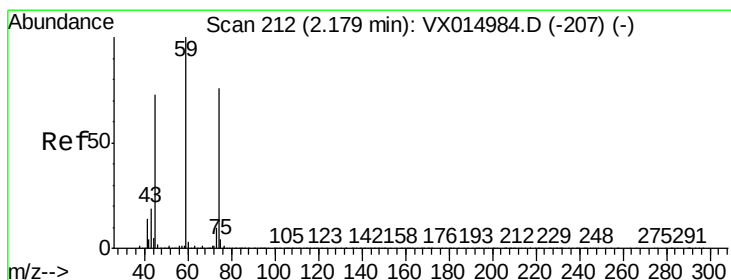
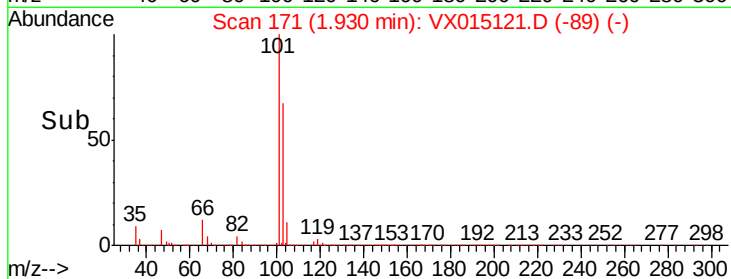
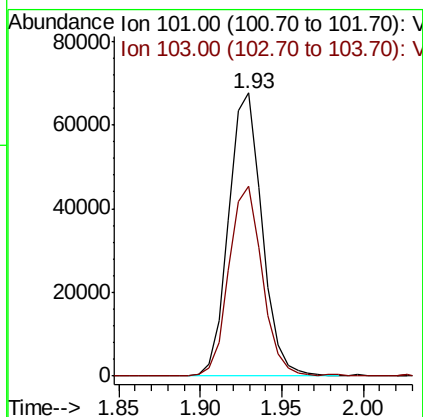
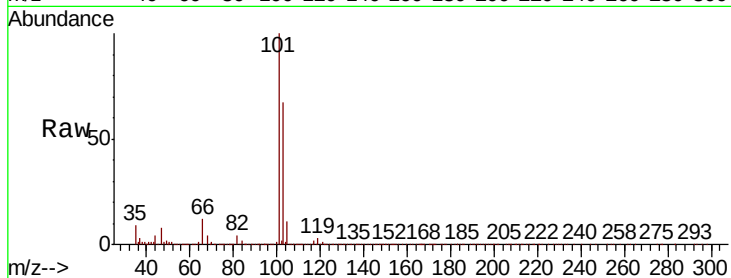


#7

Trichlorofluoromethane
Concen: 17.206 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

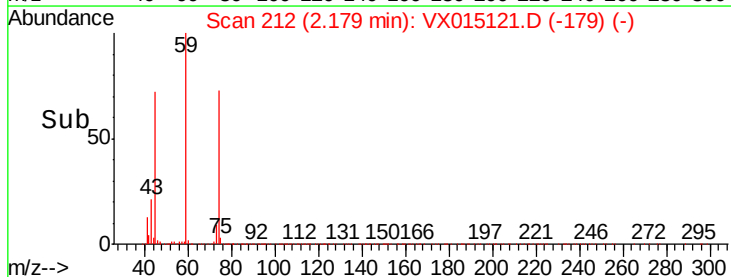
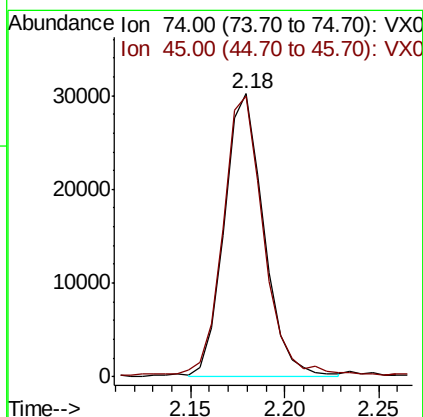
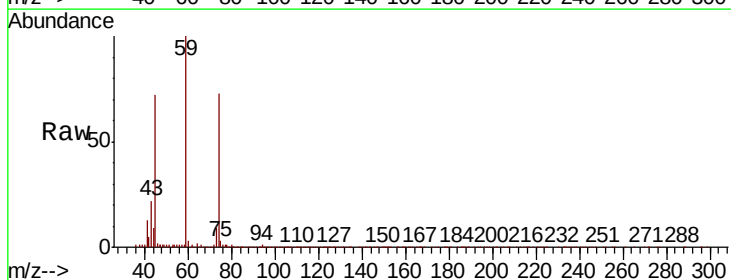
Tot Ion:101 Resp: 95495
Ion Ratio Lower Upper
101 100
103 67.1 53.4 80.2

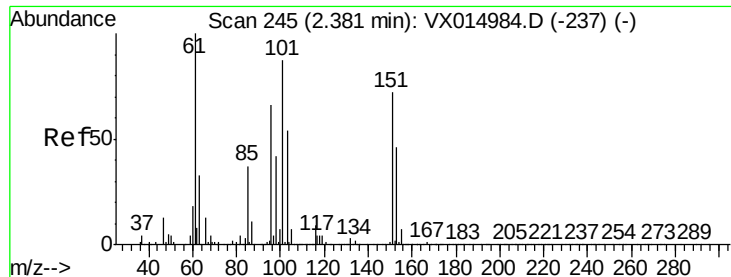


#8

Diethyl Ether
Concen: 18.580 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 74 Resp: 43380
Ion Ratio Lower Upper
74 100
45 101.1 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.197 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

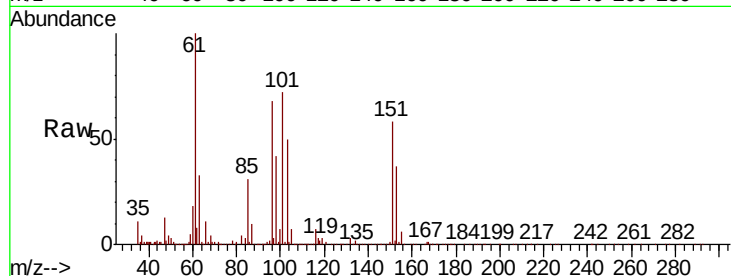
Tot Ion:101 Resp: 61601

Ion Ratio Lower Upper

101 100

85 43.0 0.0 86.6

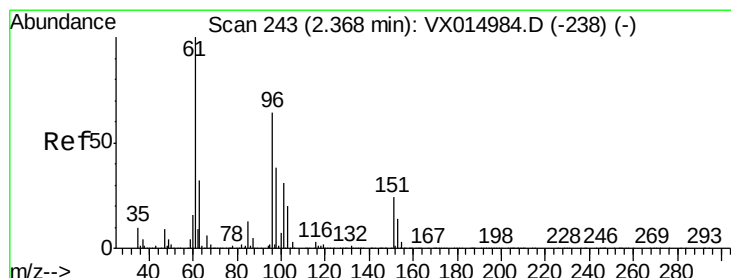
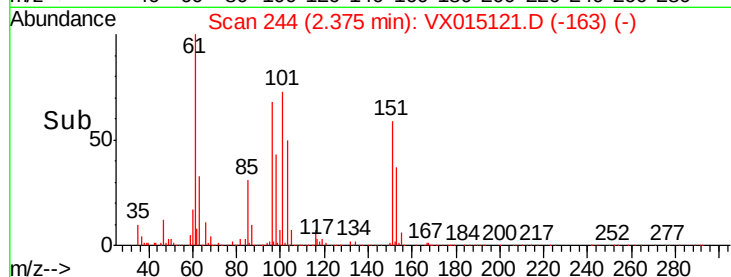
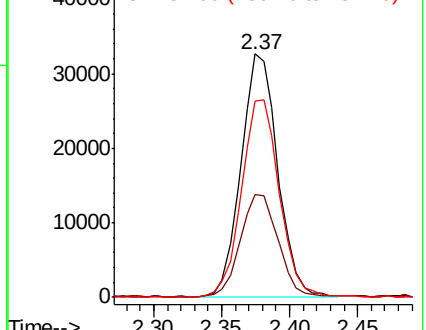
151 84.0 0.0 167.4



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: 18.998 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

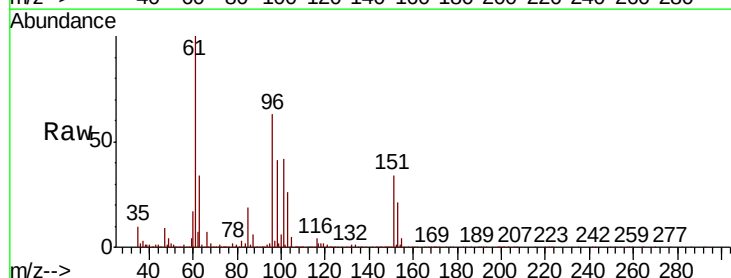
Tgt Ion: 96 Resp: 61287

Ion Ratio Lower Upper

96 100

61 158.5 126.1 189.1

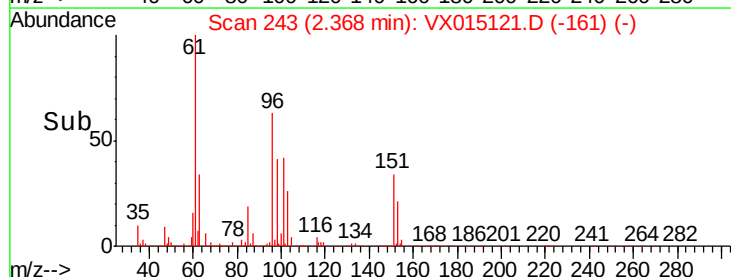
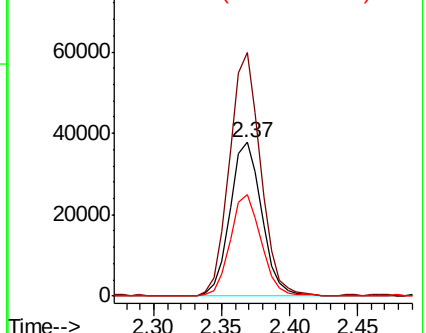
98 65.6 48.2 72.2

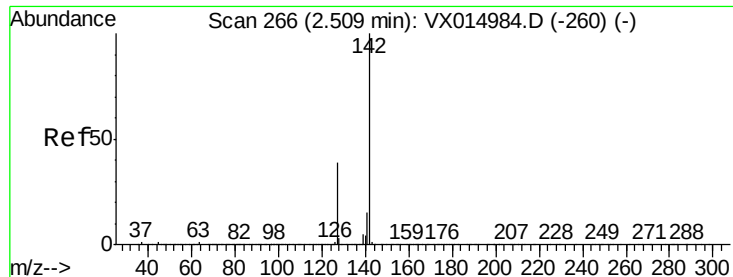


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

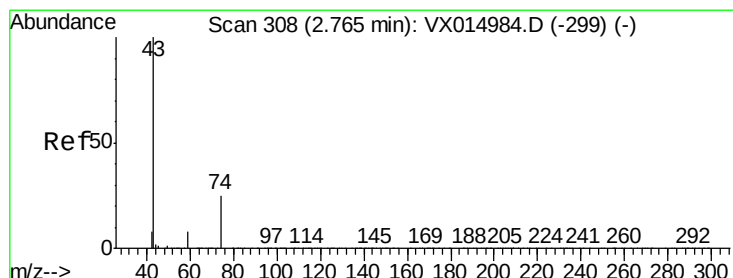
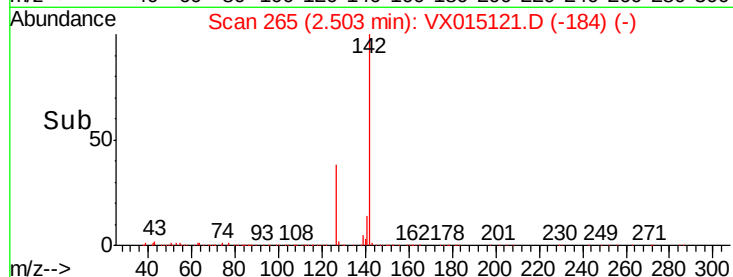
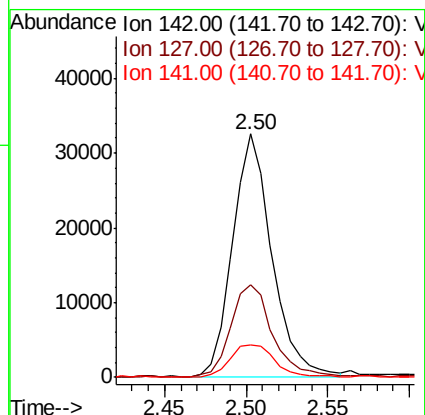
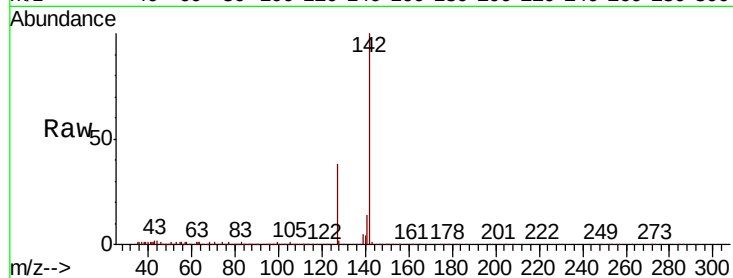




#11
Methyl Iodide
Concen: 13.892 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

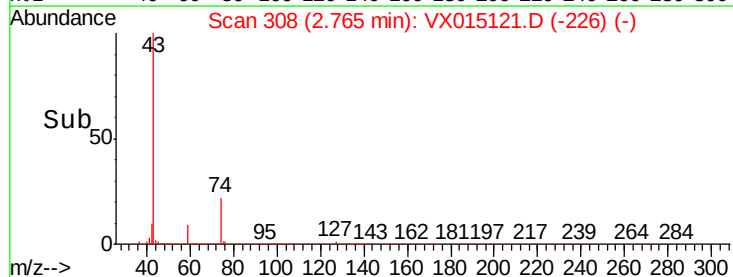
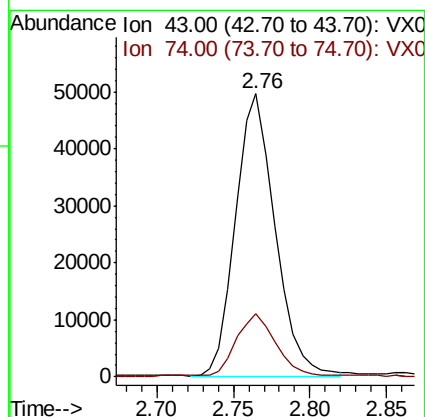
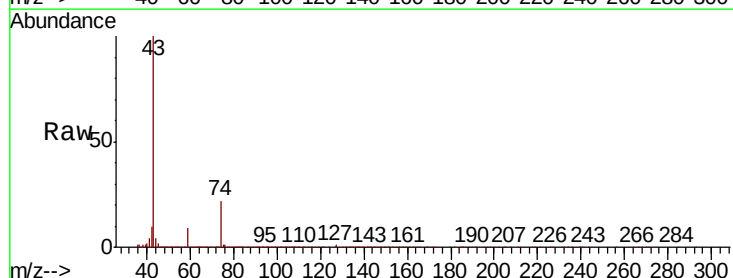
Instrument :
MSVOA_X
ClientSampleId :

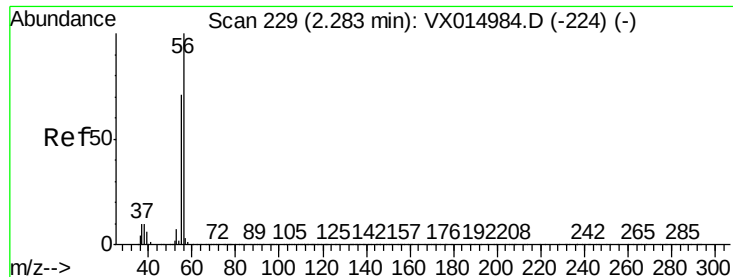
Tot Ion:142 Resp: 54451
Ion Ratio Lower Upper
142 100
127 38.1 19.7 59.0
141 13.5 7.4 22.2



#12
Methyl Acetate
Concen: 22.133 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 43 Resp: 88849
Ion Ratio Lower Upper
43 100
74 21.9 19.8 29.8





#13

Acrolein

Concen: 103.801 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

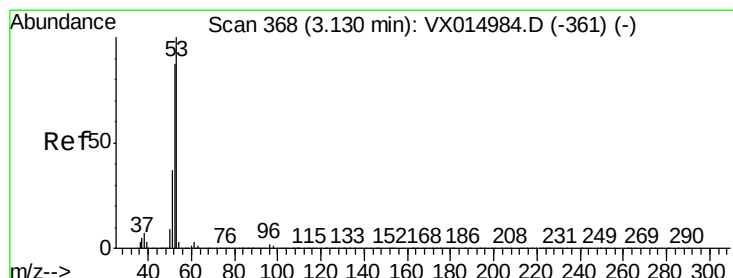
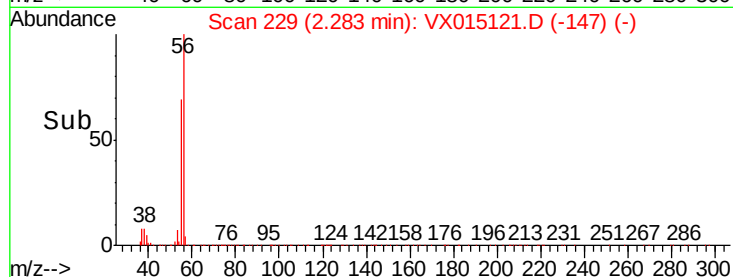
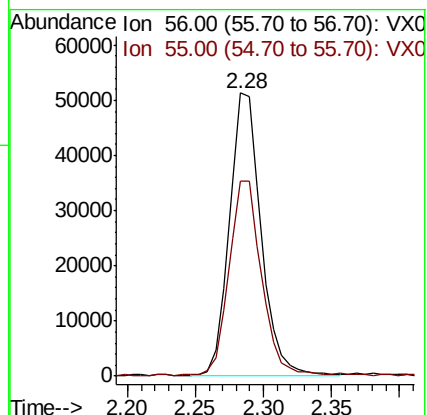
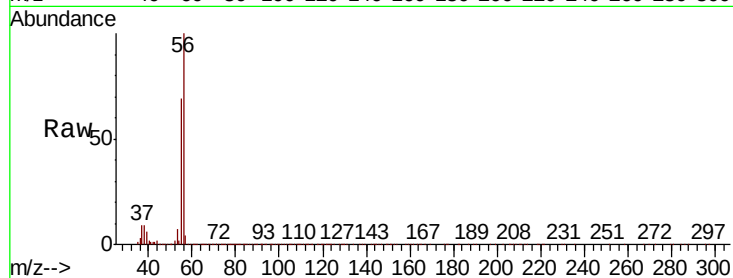
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 82871

Ion Ratio Lower Upper

56 100

55 70.1 56.2 84.2



#14

Acrylonitrile

Concen: 97.905 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

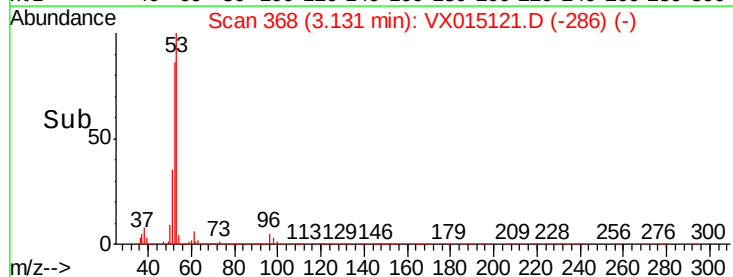
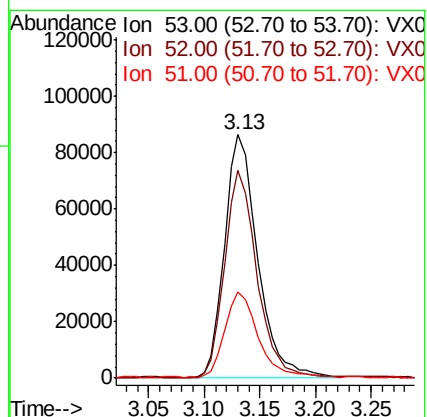
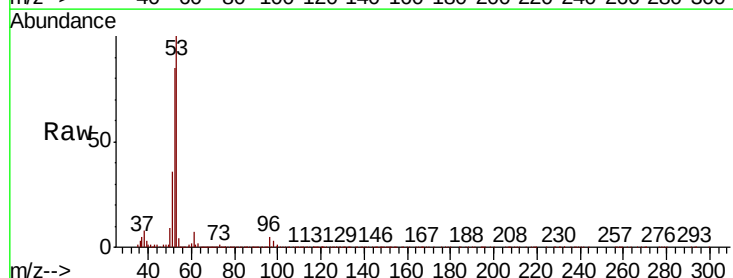
Tgt Ion: 53 Resp: 177492

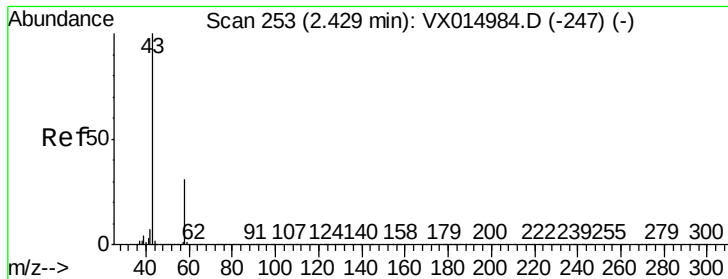
Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.6

51 35.2 18.1 54.4

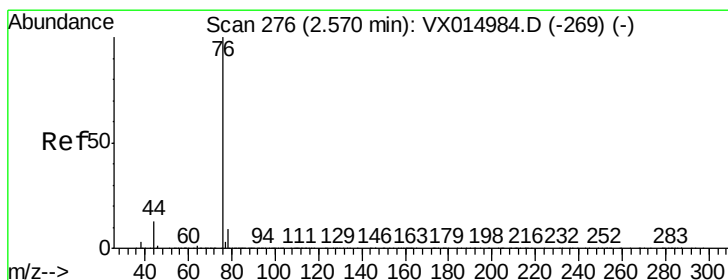
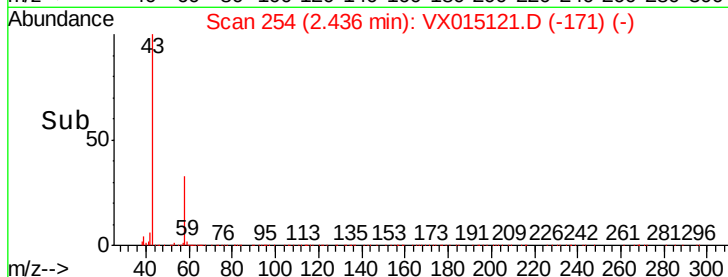
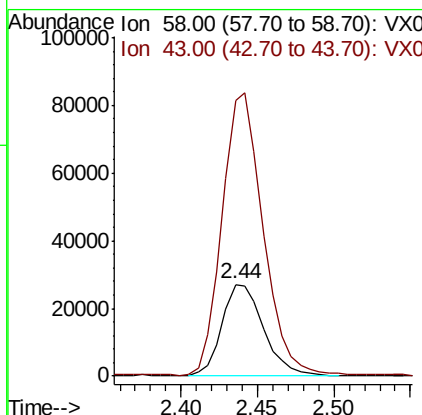
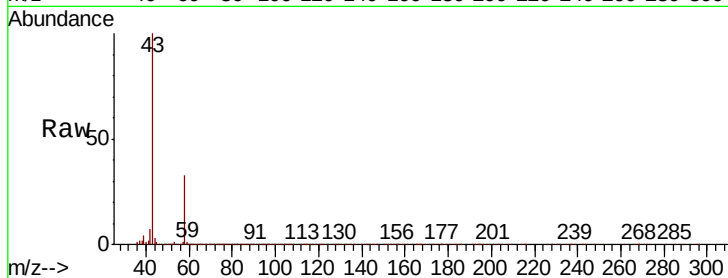




#15
Acetone
Concen: 78.206 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

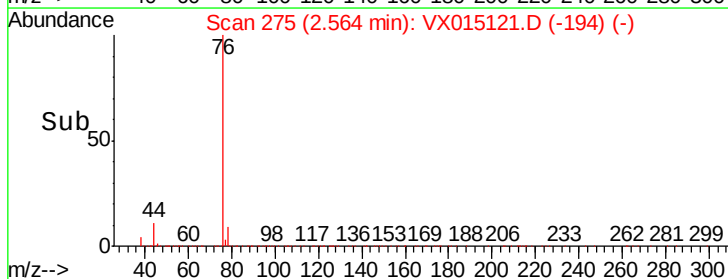
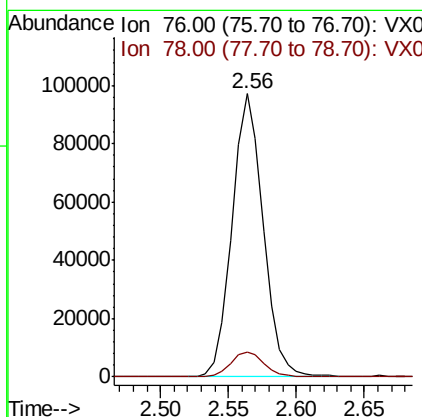
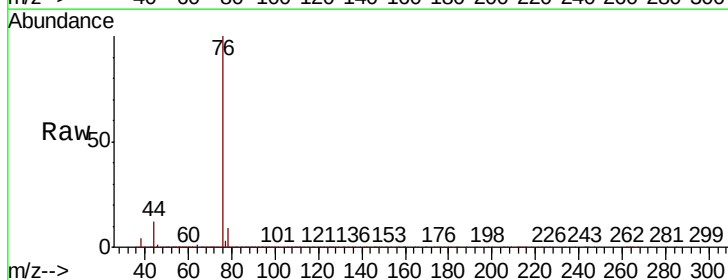
Instrument :
MSVOA_X
ClientSampleId :

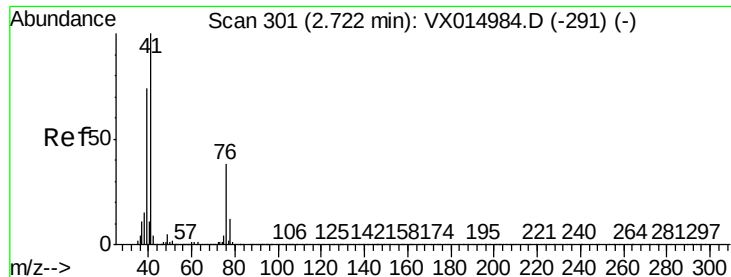
Tot Ion: 58 Resp: 50739
Ion Ratio Lower Upper
58 100
43 299.6 257.7 386.5



#16
Carbon Disulfide
Concen: 17.835 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 76 Resp: 154695
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

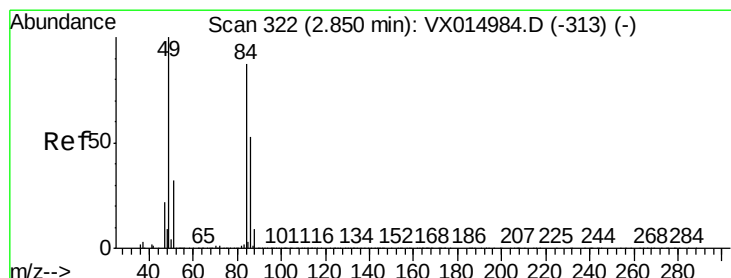
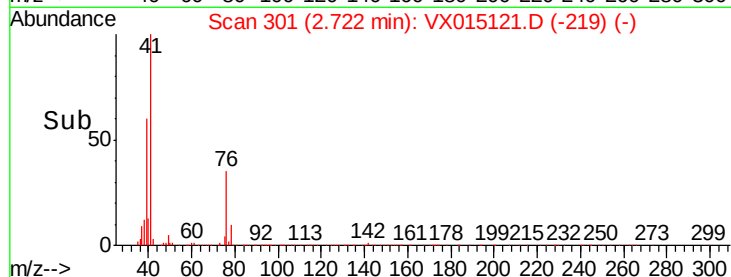
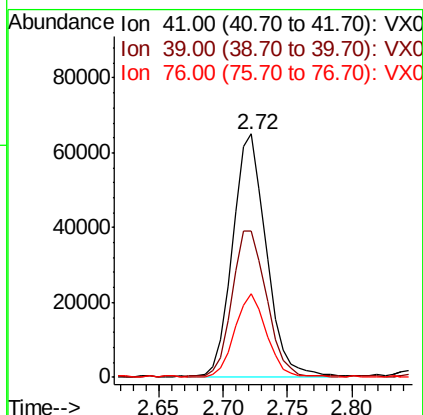
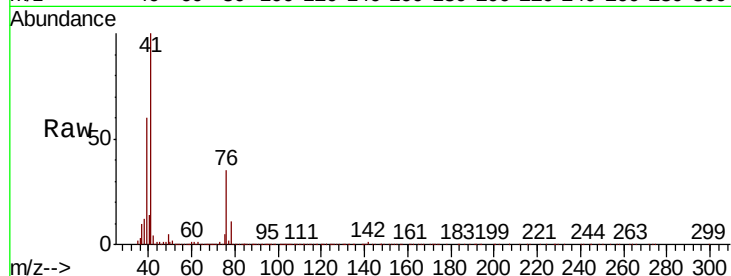




#17
Allvl chloride
Concen: 20.919 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

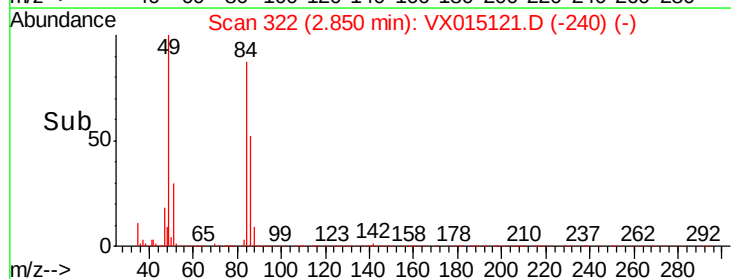
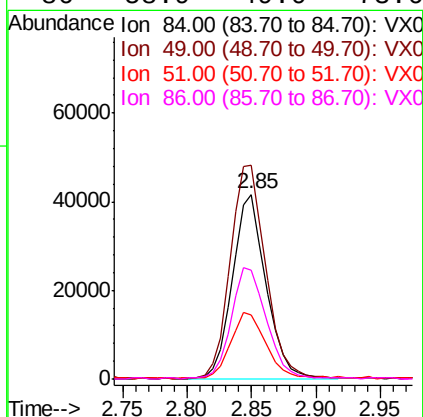
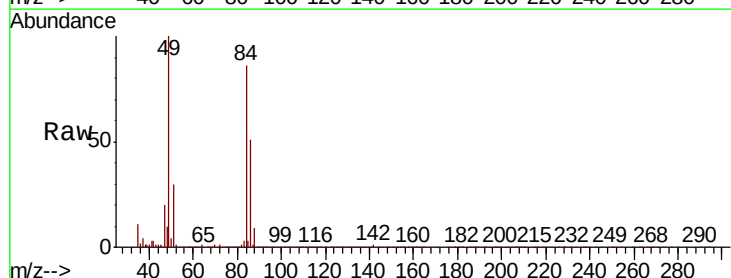
Instrument :
MSVOA_X
ClientSampleId :

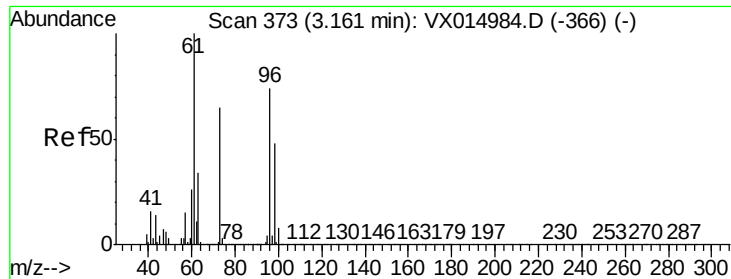
Tot Ion: 41 Resp: 117390
Ion Ratio Lower Upper
41 100
39 60.0 37.1 111.5
76 34.4 18.8 56.4



#18
Methylene Chloride
Concen: 20.167 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 84 Resp: 74958
Ion Ratio Lower Upper
84 100
49 115.7 92.2 138.2
51 34.4 29.7 44.5
86 58.9 49.0 73.6

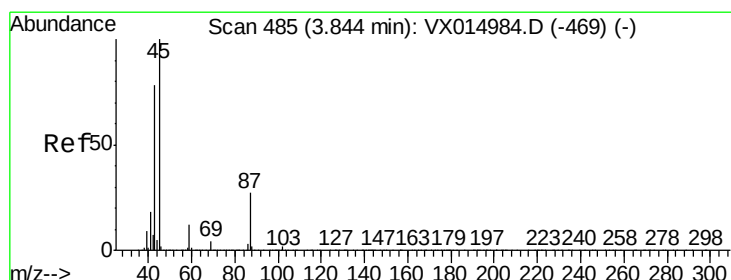
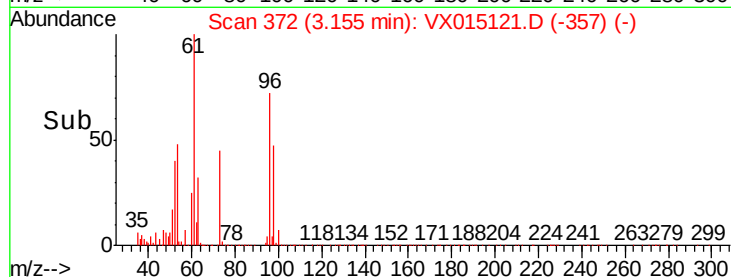
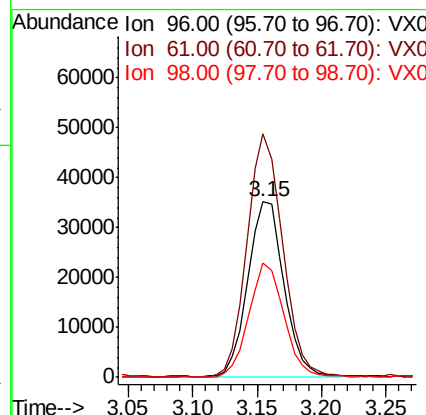
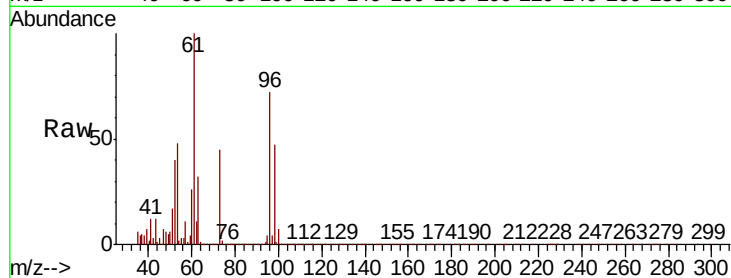




#19
trans-1,2-Dichloroethene
Concen: 19.140 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

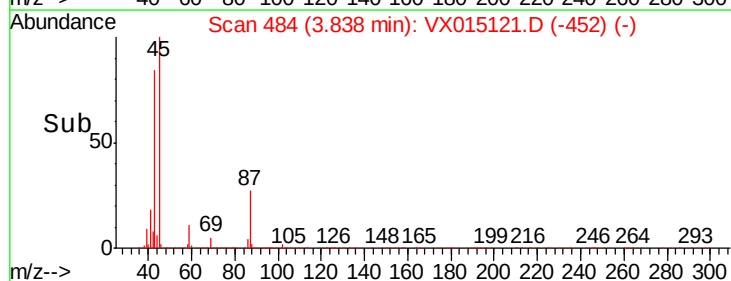
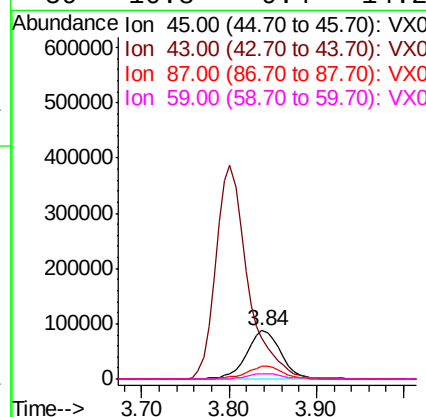
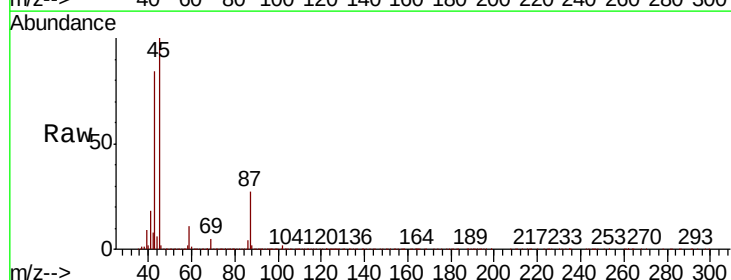
Instrument :
MSVOA_X
ClientSampleId :

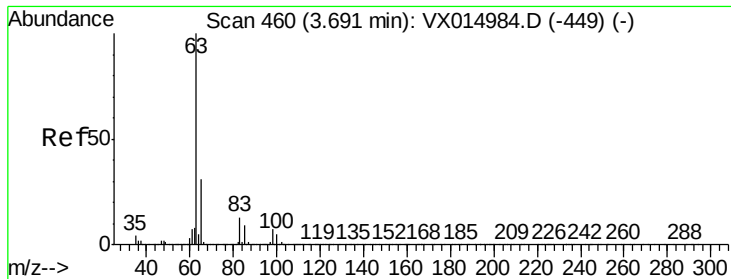
Tot Ion: 96 Resp: 67818
Ion Ratio Lower Upper
96 100
61 138.9 107.1 160.7
98 65.5 51.4 77.2



#20
Diisopropyl ether
Concen: 20.688 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 45 Resp: 237085
Ion Ratio Lower Upper
45 100
43 82.6 62.3 93.5
87 26.7 21.8 32.6
59 10.8 9.4 14.2





#21

1,1-Dichloroethane

Concen: 20.097 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015121.D

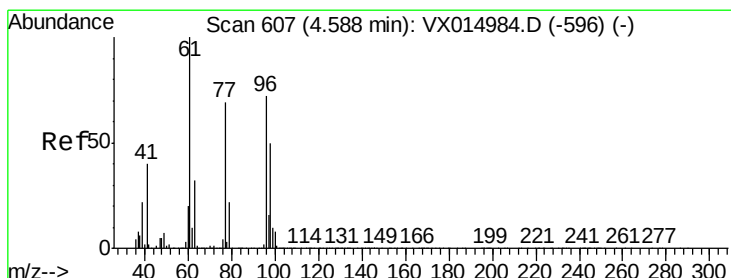
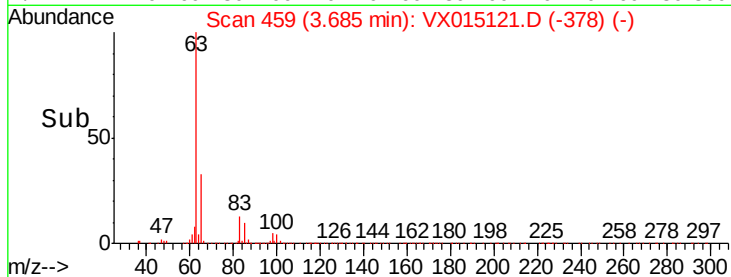
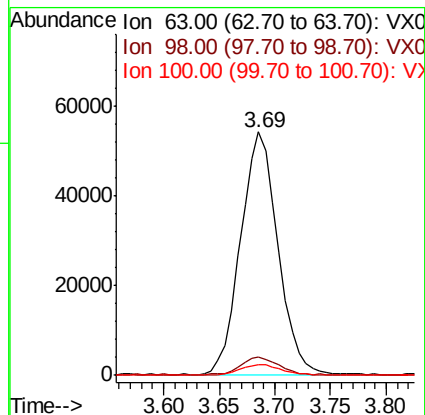
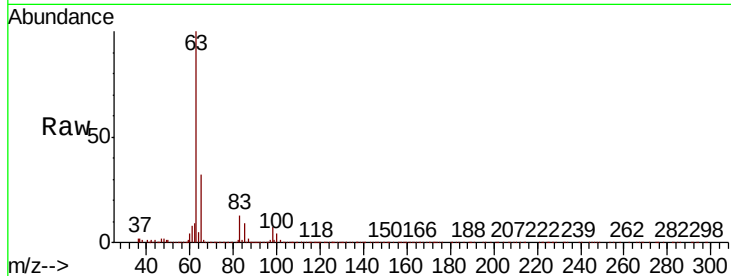
Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	126254
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.5
100	4.2	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 19.666 ug/l

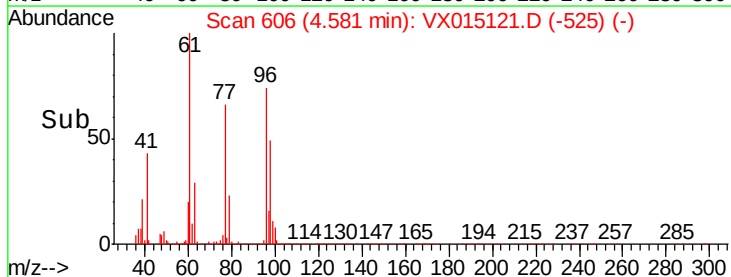
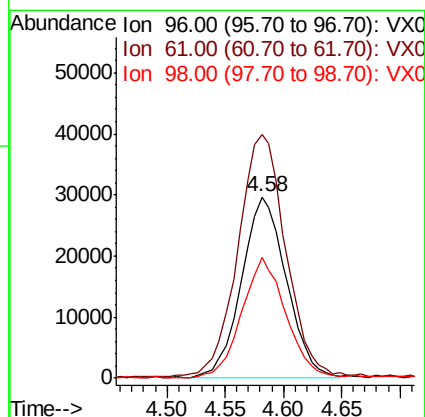
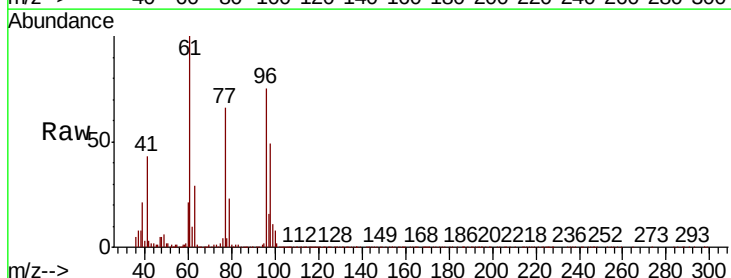
RT: 4.58 min Scan# 606

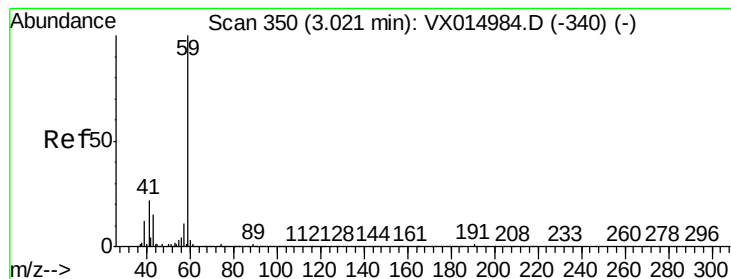
Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	96	Resp:	79741
Ion	Ratio	Lower	Upper
96	100		
61	142.1	110.6	165.8
98	65.1	50.4	75.6



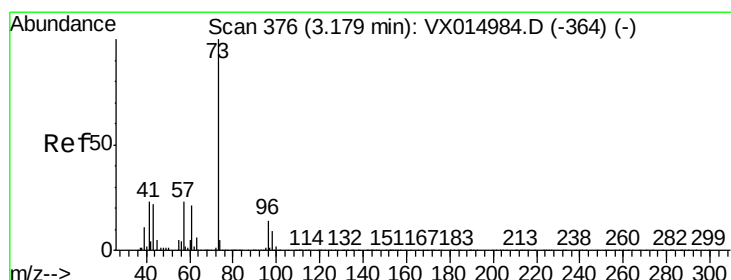
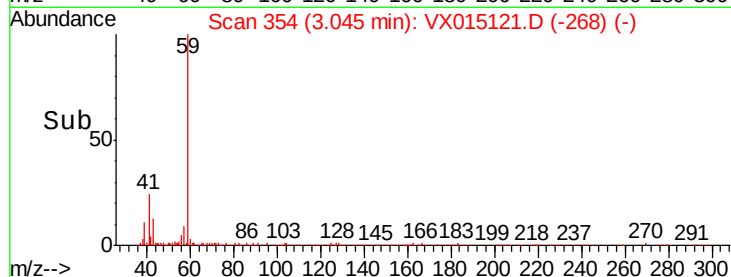
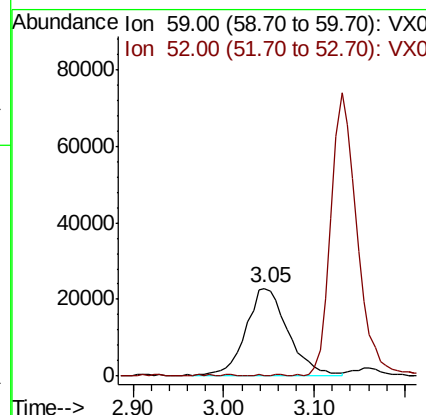
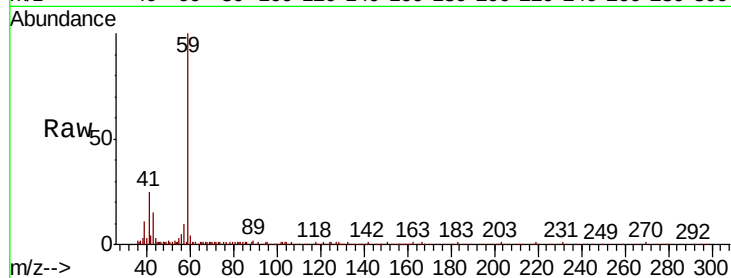


#23

tert-Butyl Alcohol
Concen: 100.966 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.02 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

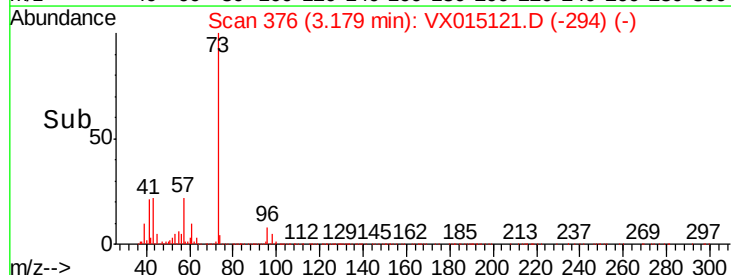
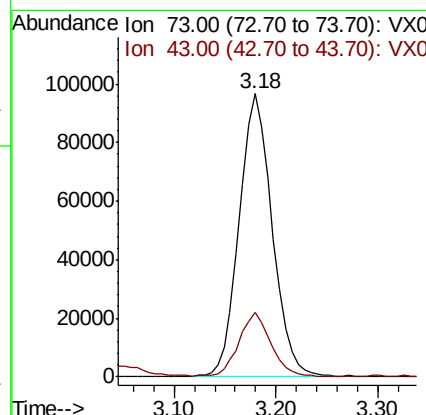
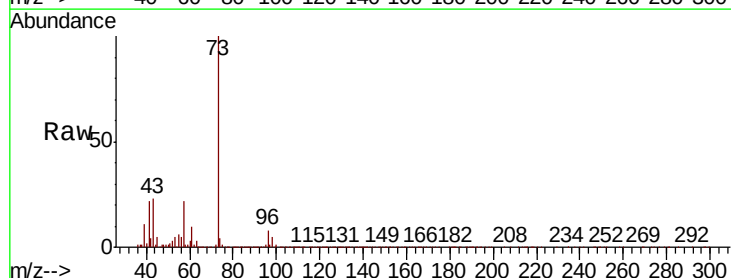
Tot Ion: 59 Resp: 72558
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

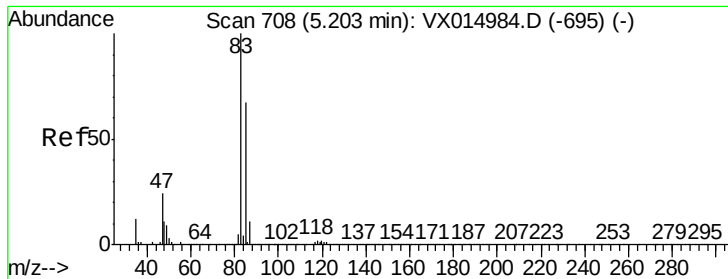


#24

Methyl tert-Butyl Ether
Concen: 20.224 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 73 Resp: 217056
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5

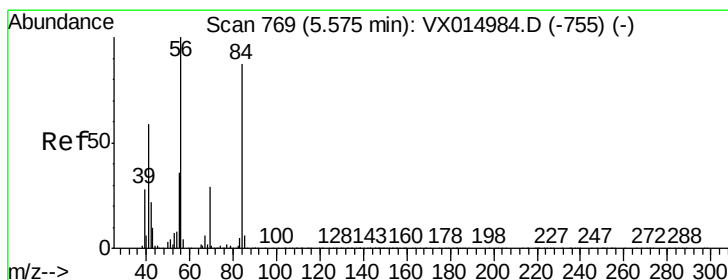
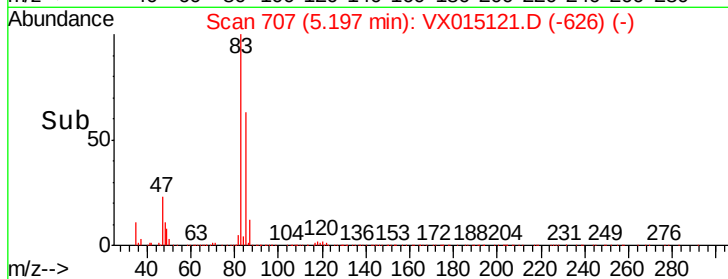
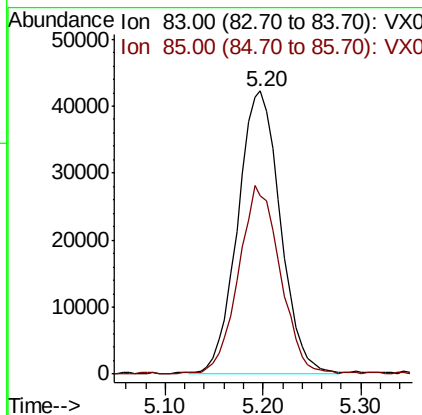
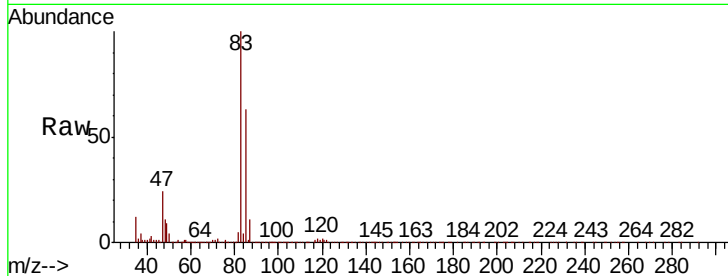




#25
Chloroform
Concen: 20.048 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

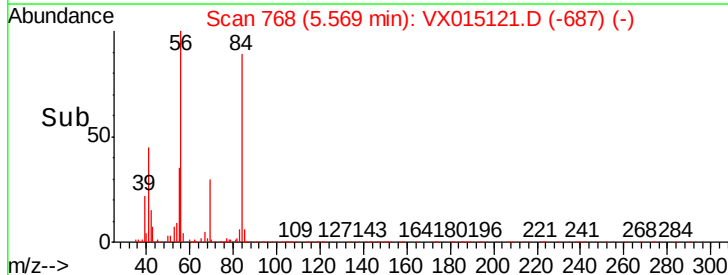
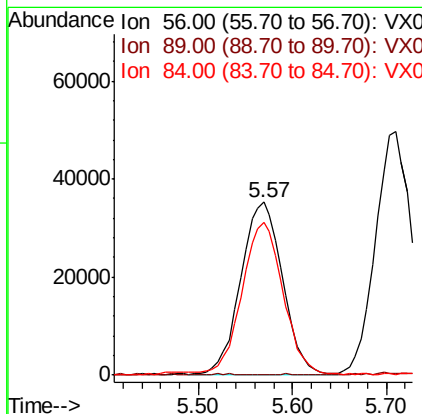
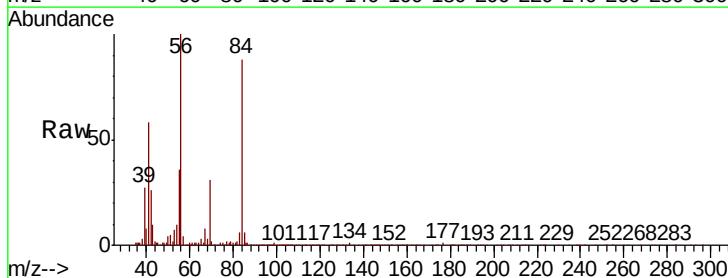
Instrument :
MSVOA_X
ClientSampleId :

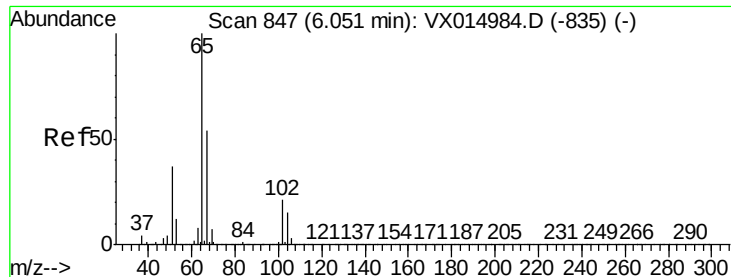
Tot Ion: 83 Resp: 127010
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.0



#26
Cyclohexane
Concen: 19.239 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 56 Resp: 108022
Ion Ratio Lower Upper
56 100
89 0.2 0.2 0.2#
84 87.3 71.8 107.8

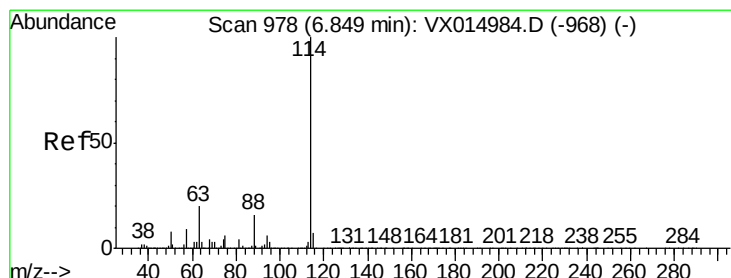
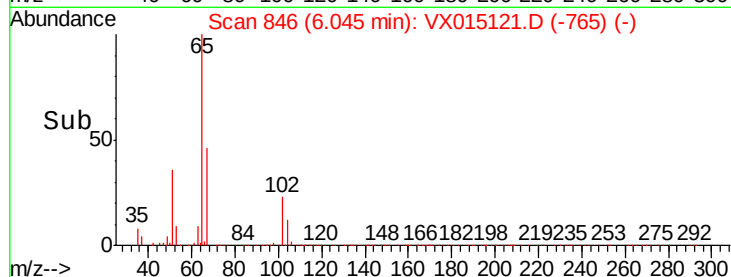
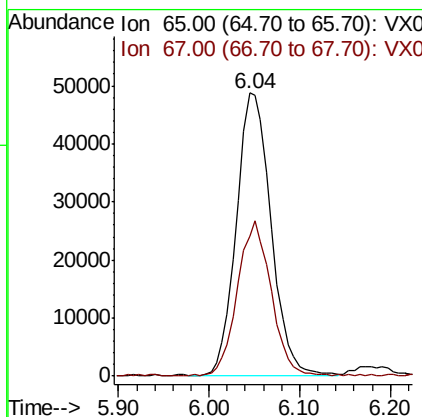
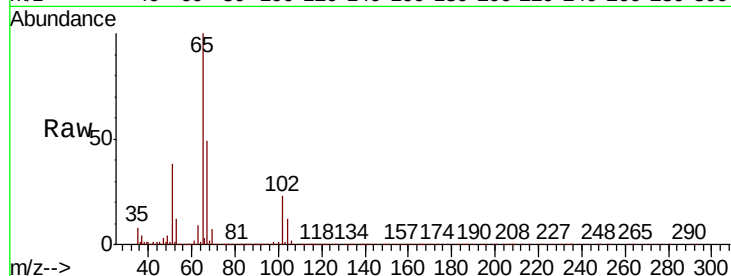




#27
 1,2-Dichloroethane-d4
 Concen: 30.125 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

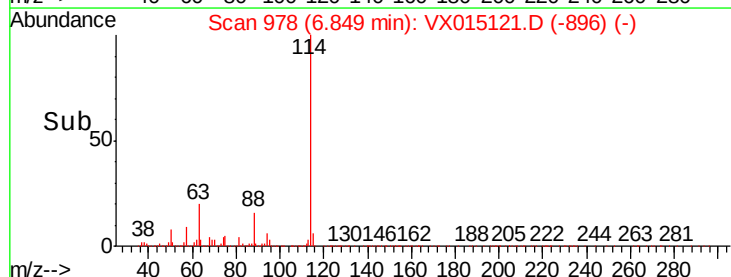
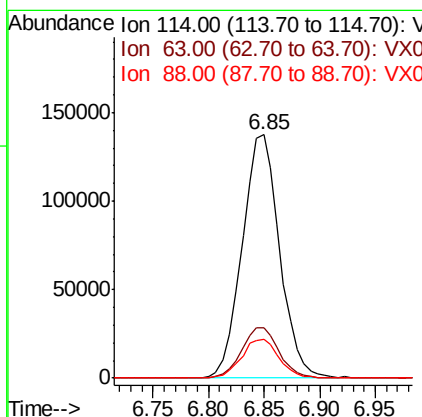
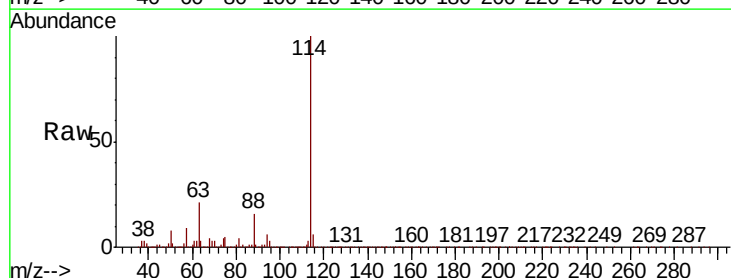
Instrument :
 MSVOA_X
 ClientSampled :

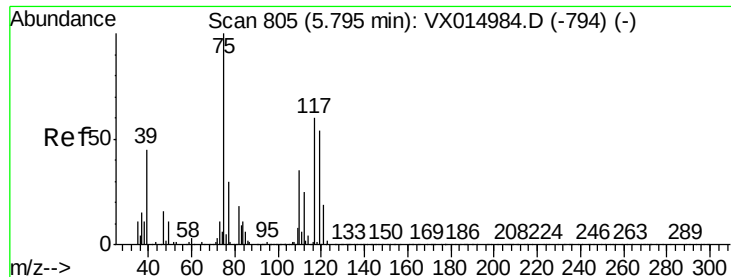
Tot Ion: 65 Resp: 128549
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion: 114 Resp: 320267
 Ion Ratio Lower Upper
 114 100
 63 20.6 15.6 23.4
 88 16.0 12.2 18.2

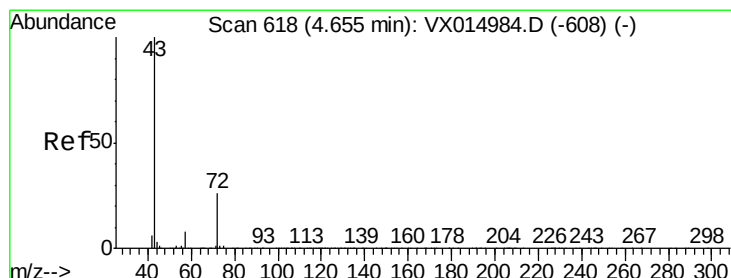
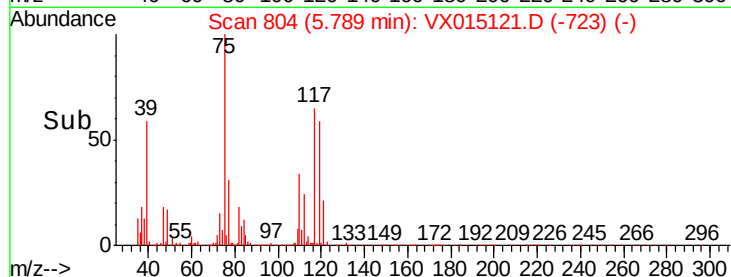
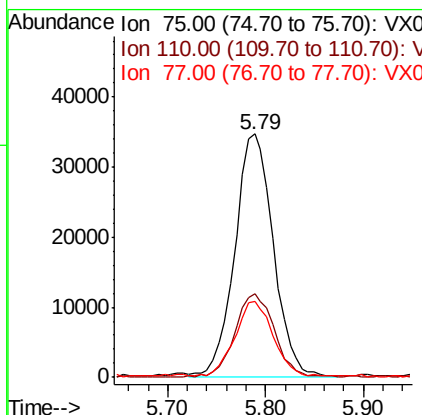
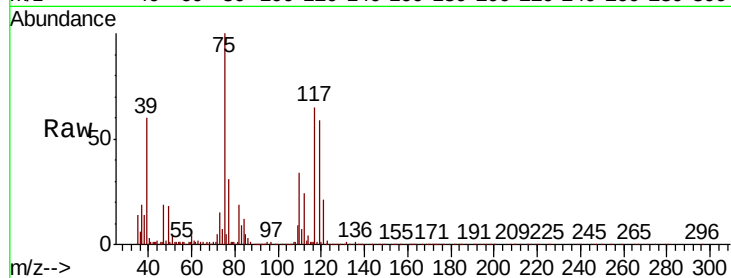




#29
 1,1-Dichloropropene
 Concen: 21.033 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

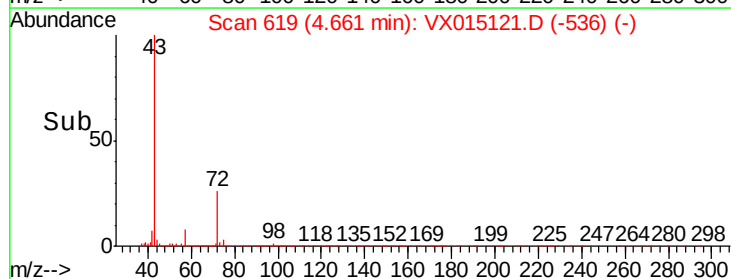
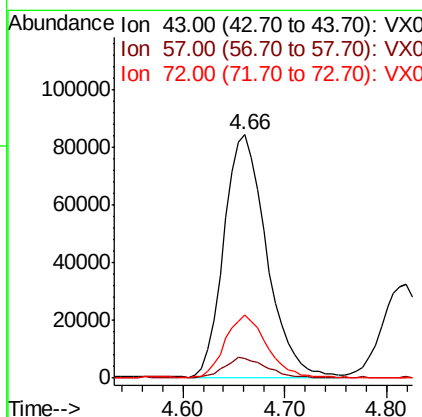
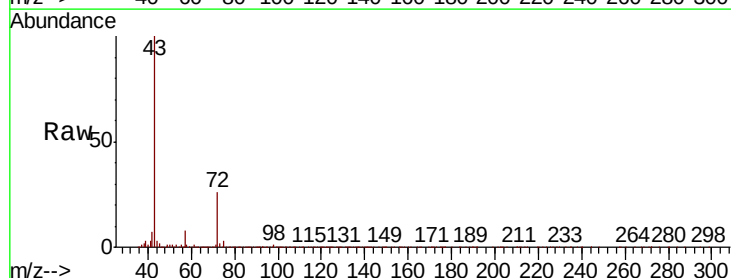
Instrument :
 MSVOA_X
 ClientSampleId :

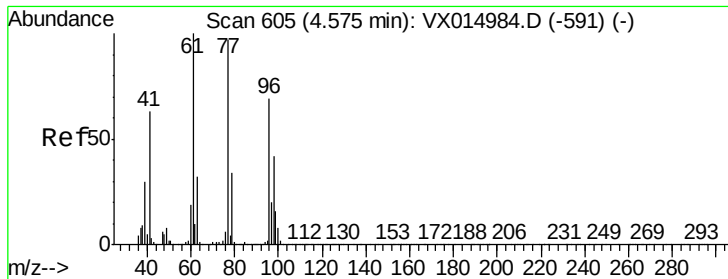
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.5	0.0	75.0
77	30.1	0.0	64.0



#30
 2-Butanone
 Concen: 93.067 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	24.9	20.3	30.5

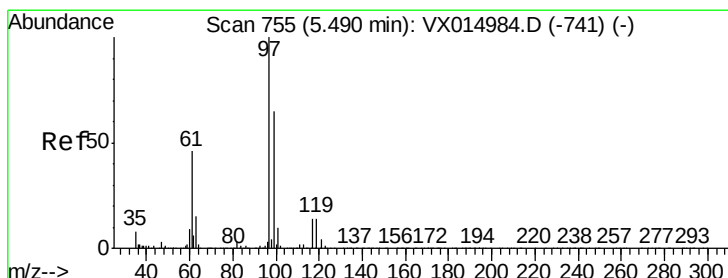
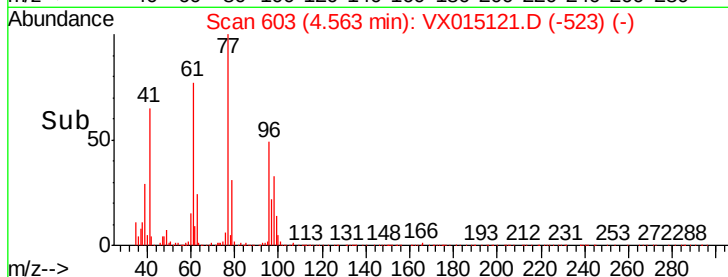
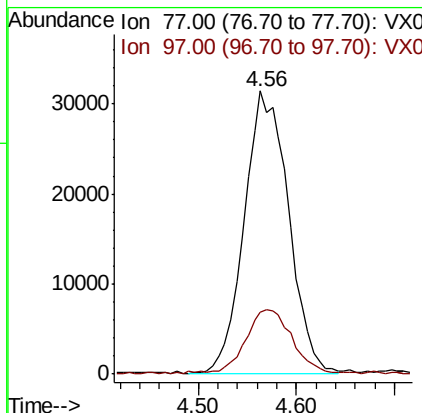
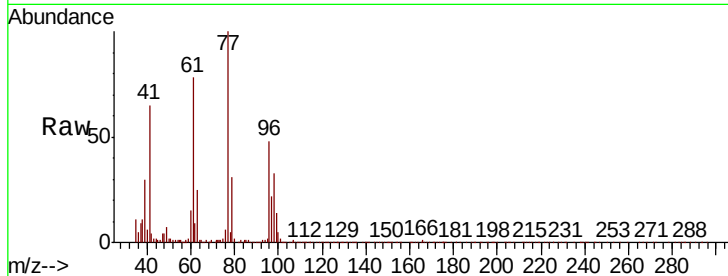




#31
 2,2-Dichloropropane
 Concen: 19.836 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

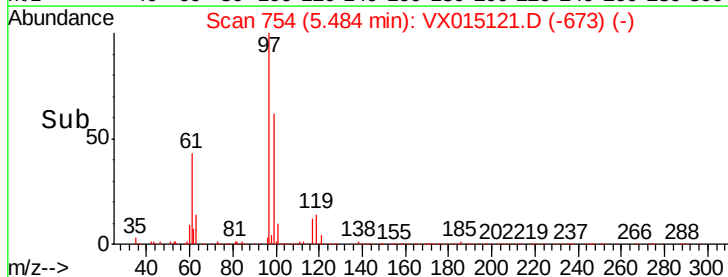
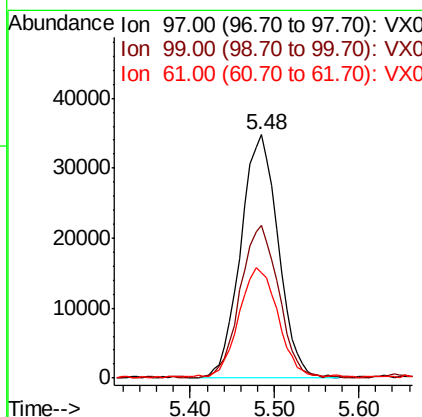
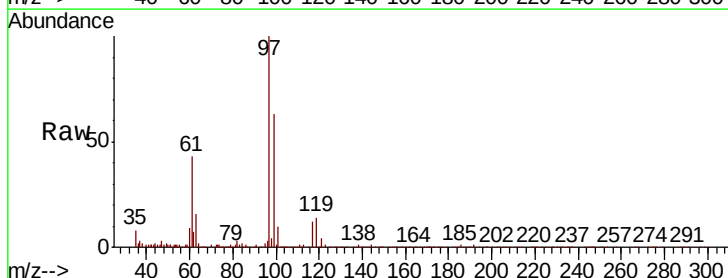
Instrument :
 MSVOA_X
 ClientSampleId :

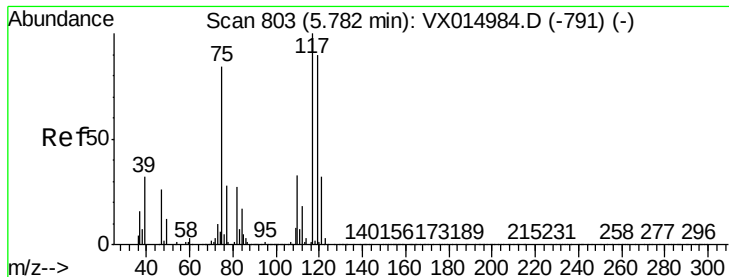
Tot Ion: 77 Resp: 98669
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.4 27.6



#32
 1,1,1-Trichloroethane
 Concen: 20.364 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion: 97 Resp: 104761
 Ion Ratio Lower Upper
 97 100
 99 64.6 53.0 79.6
 61 46.1 36.2 54.2





#33

Carbon Tetrachloride

Concen: 20.052 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

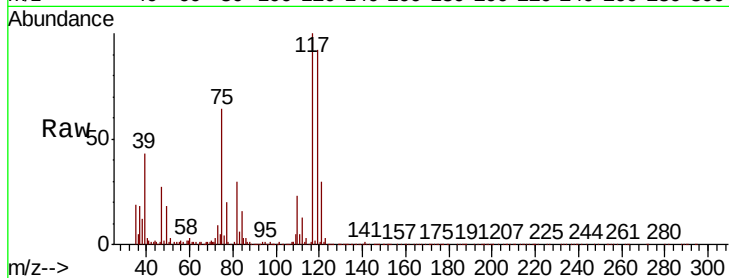
Tot Ion:117 Resp: 90299

Ion Ratio Lower Upper

117 100

119 92.2 71.9 107.9

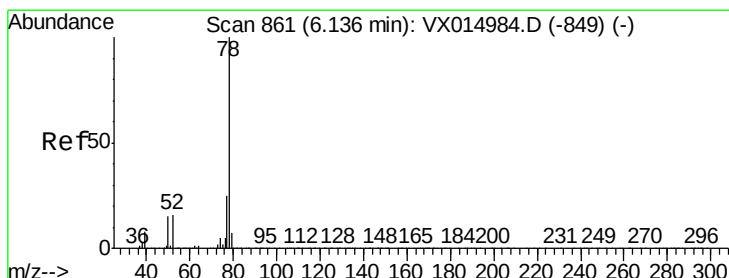
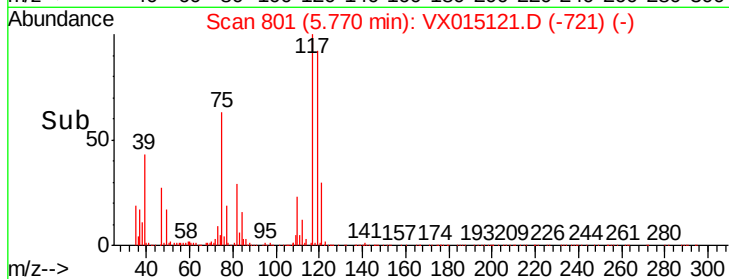
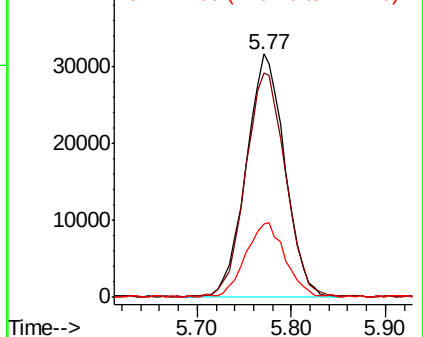
121 29.8 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.672 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

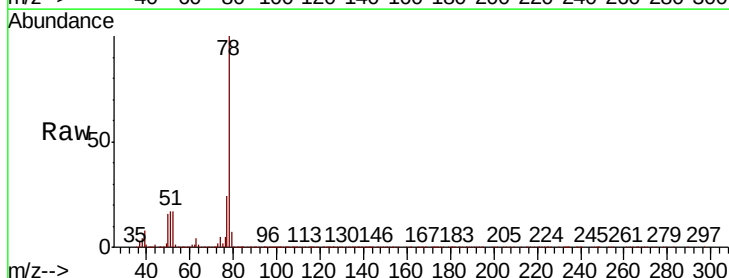
Tgt Ion: 78 Resp: 282567

Ion Ratio Lower Upper

78 100

77 23.7 20.0 30.0

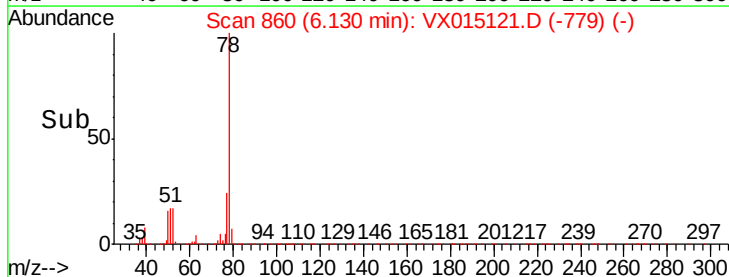
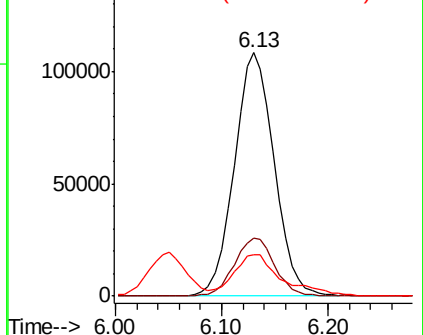
51 15.9 13.3 19.9

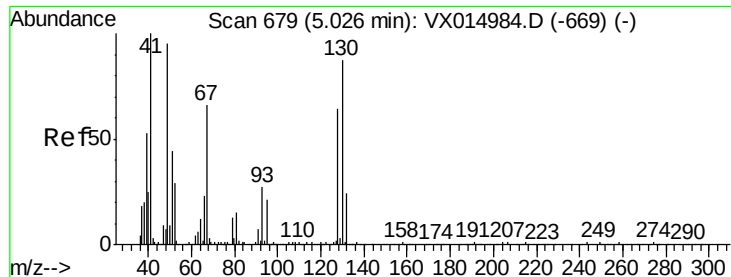


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

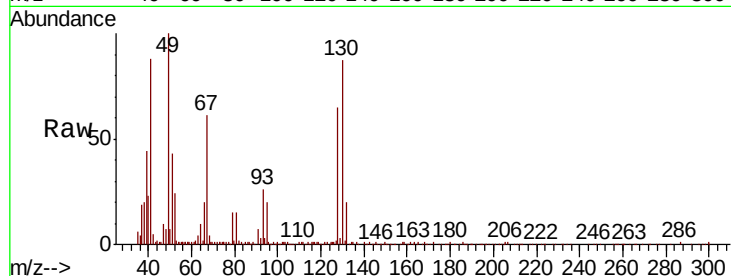




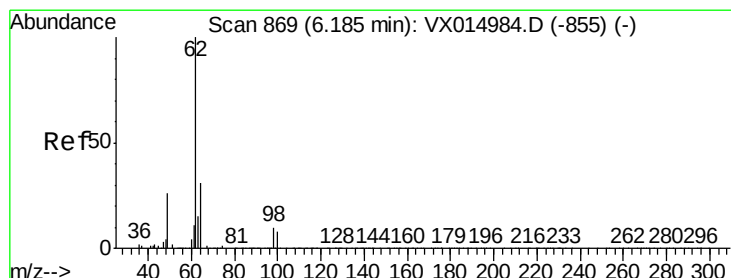
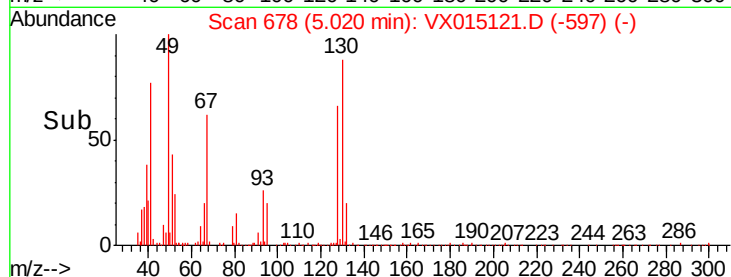
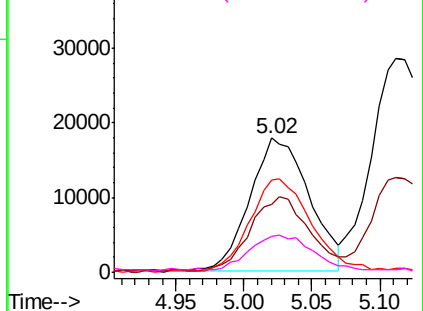
#35
Methacrylonitrile
Concen: 20.183 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	53832
Ion	Ratio	Lower	Upper
41	100		
39	50.2	25.9	77.7
67	70.0	32.7	98.1
52	25.4	13.8	41.4

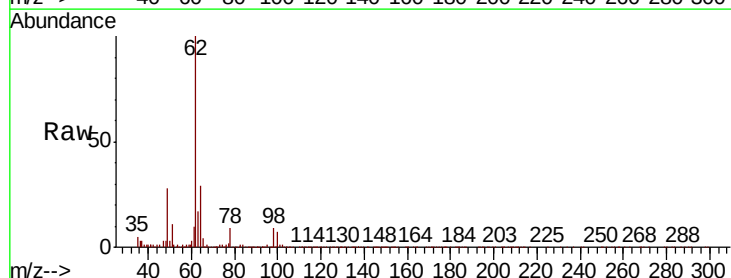


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

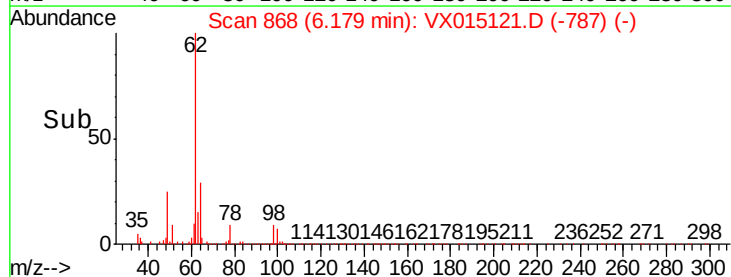
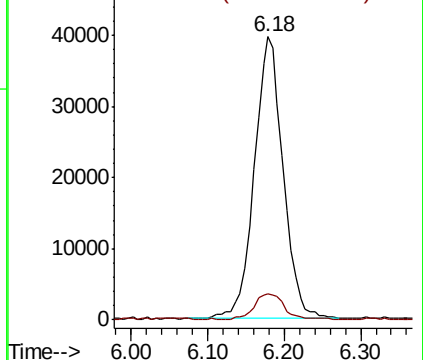


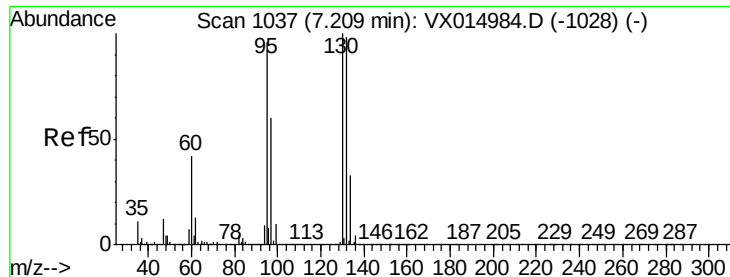
#36
1,2-Dichloroethane
Concen: 21.427 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion:	62	Resp:	103672
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.5	11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 20.302 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

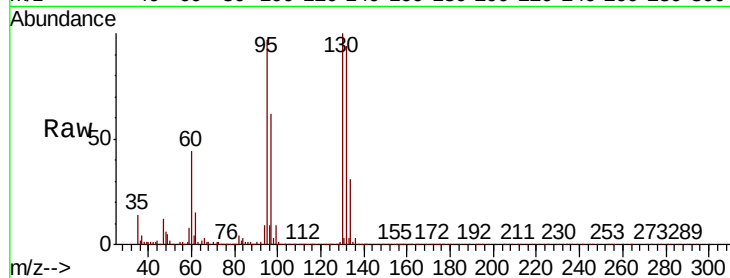
ClientSampleId :

Tot Ion:130 Resp: 77915

Ion Ratio Lower Upper

130 100

95 96.5 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

40000

30000

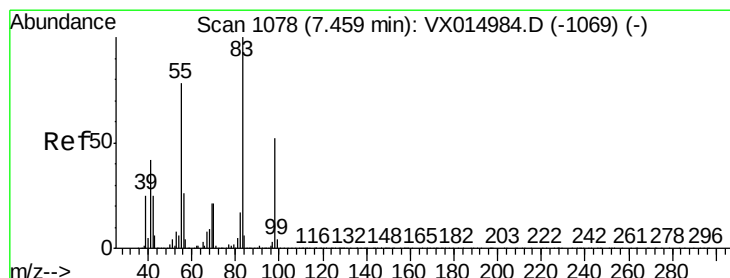
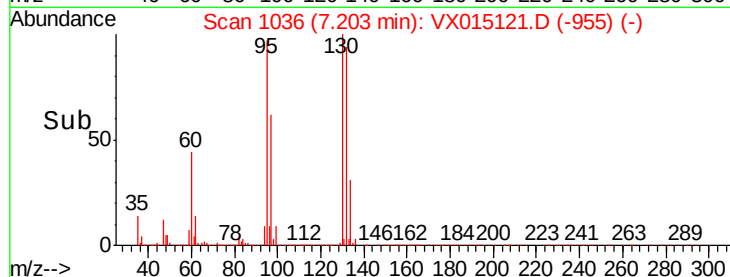
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.650 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

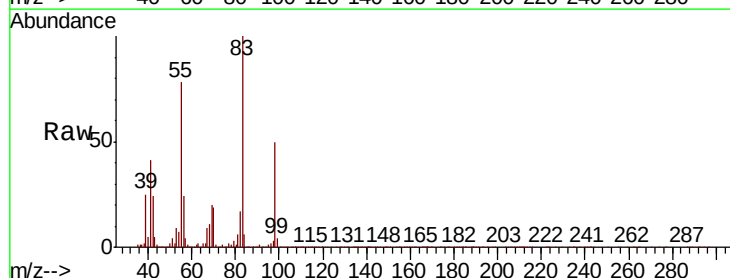
Tgt Ion: 83 Resp: 110332

Ion Ratio Lower Upper

83 100

55 78.6 38.2 114.6

98 49.3 25.3 75.8



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

7.45

60000

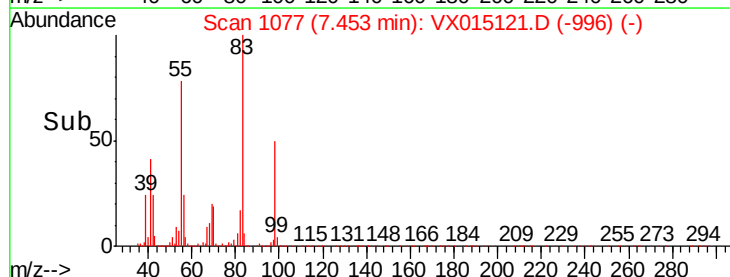
40000

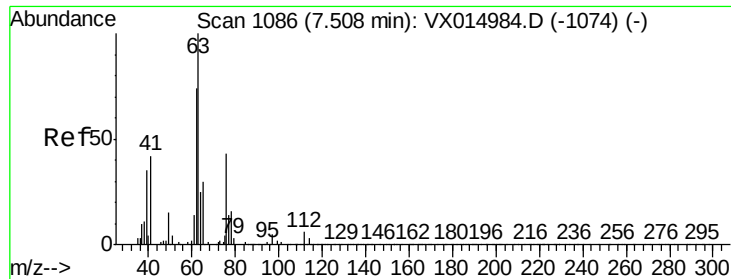
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->

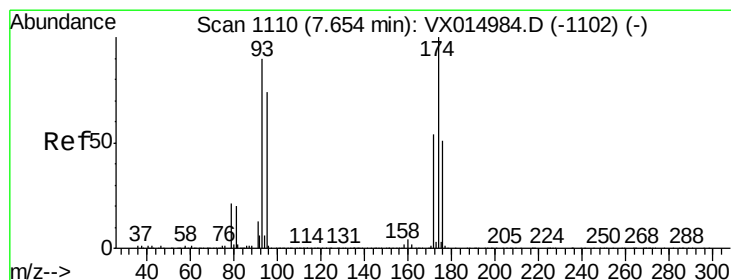
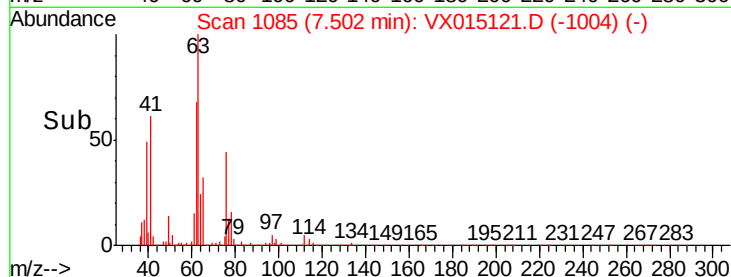
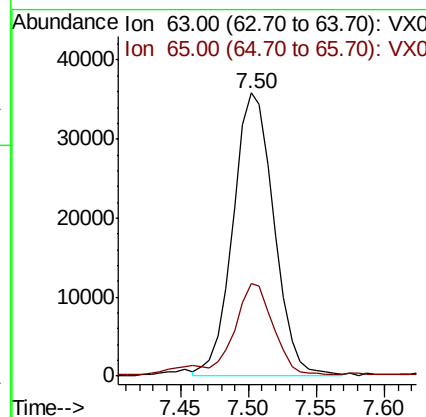
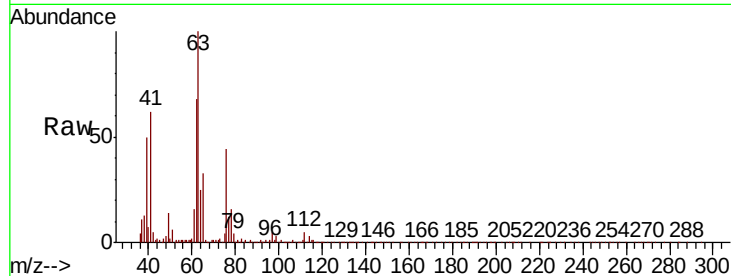




#39
 1,2-Dichloropropane
 Concen: 21.243 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

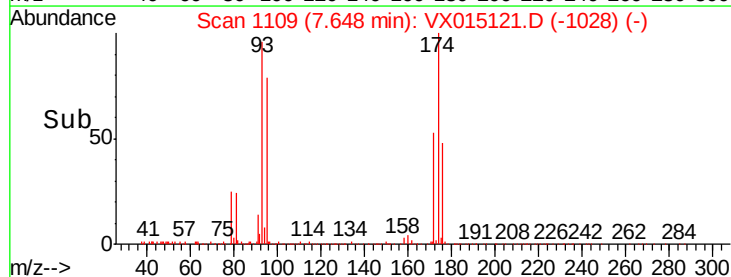
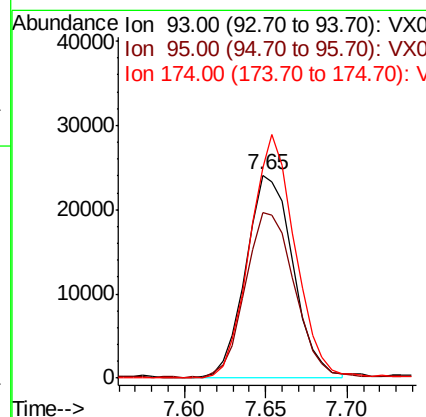
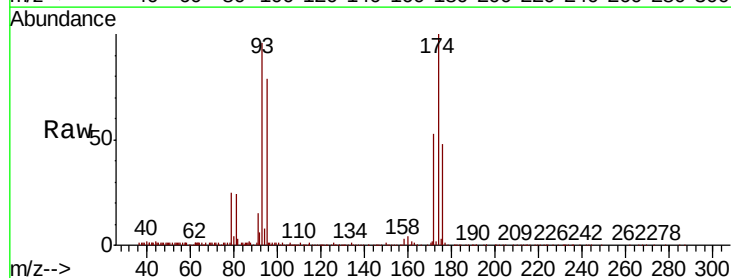
Instrument :
 MSVOA_X
 ClientSampleId :

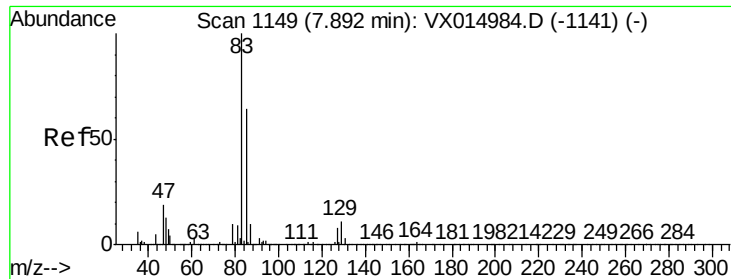
Tot Ion: 63 Resp: 74741
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 36.8



#40
 Dibromomethane
 Concen: 20.652 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion: 93 Resp: 48519
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 164.6
 174 114.8 0.0 226.4





#41

Bromodichloromethane

Concen: 21.265 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

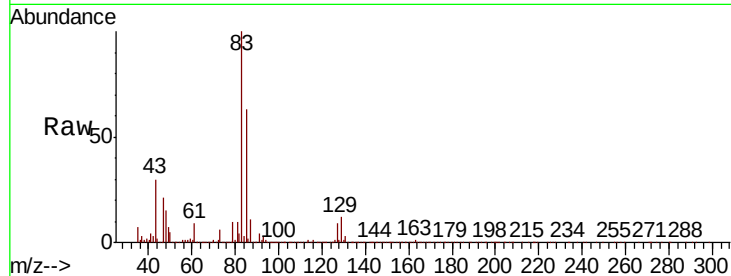
Tot Ion: 83 Resp: 98691

Ion Ratio Lower Upper

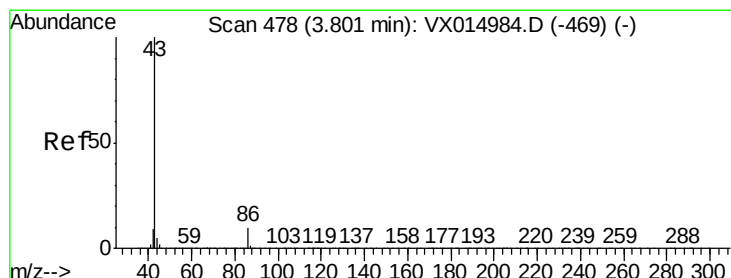
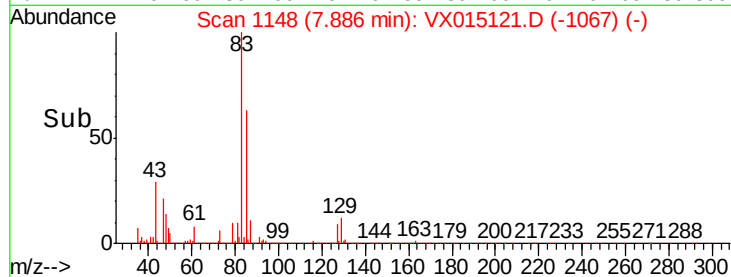
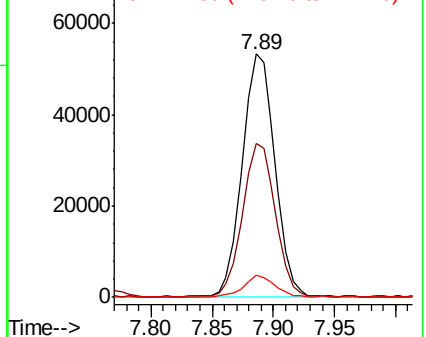
83 100

85 63.1 51.0 76.4

127 8.8 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 106.850 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015121.D

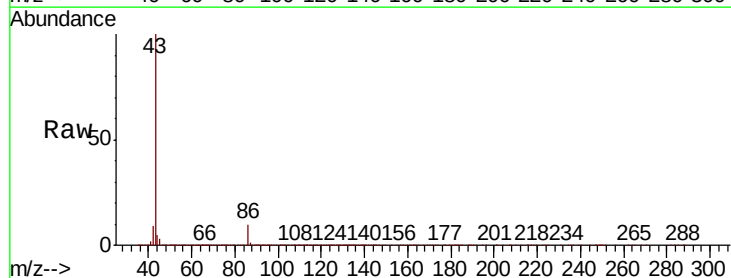
Acq: 06 Mar 2020 13:02

Tgt Ion: 43 Resp: 983378

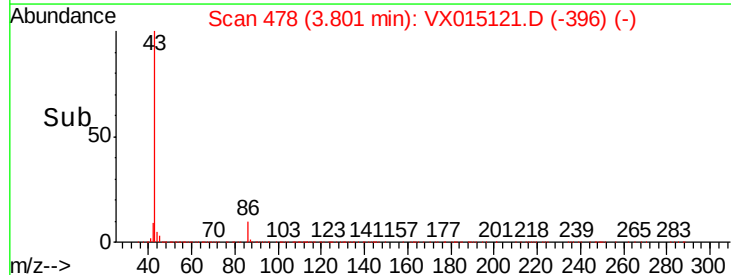
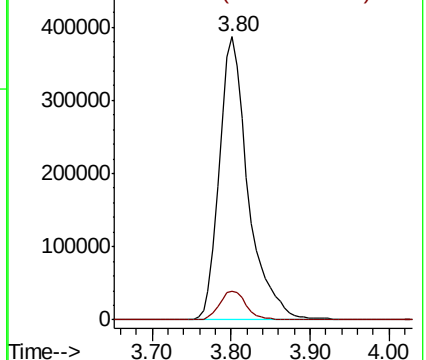
Ion Ratio Lower Upper

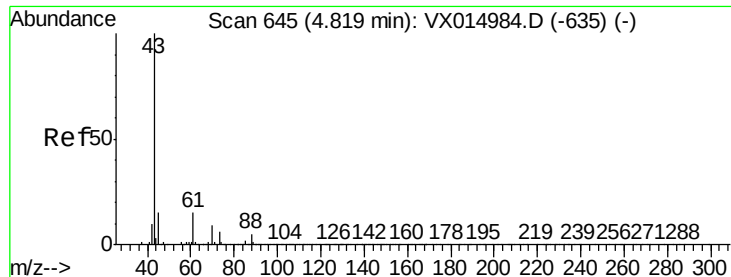
43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.827 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

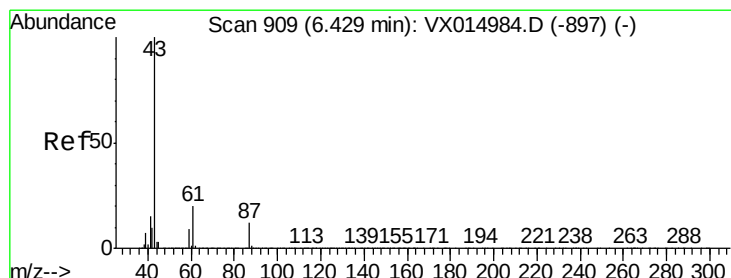
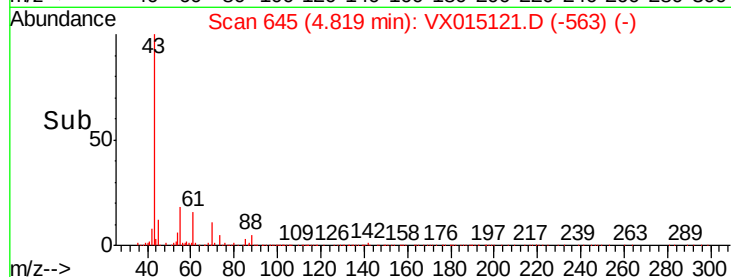
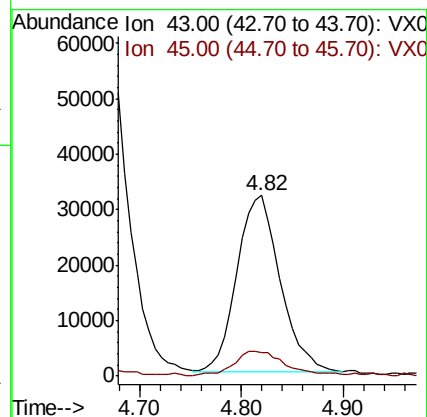
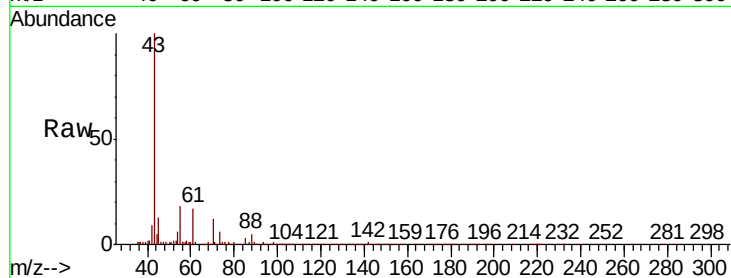
ClientSampled :

Tot Ion: 43 Resp: 93803

Ion Ratio Lower Upper

43 100

45 15.0 10.8 16.2



#44

Isopropyl Acetate

Concen: 19.917 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX015121.D

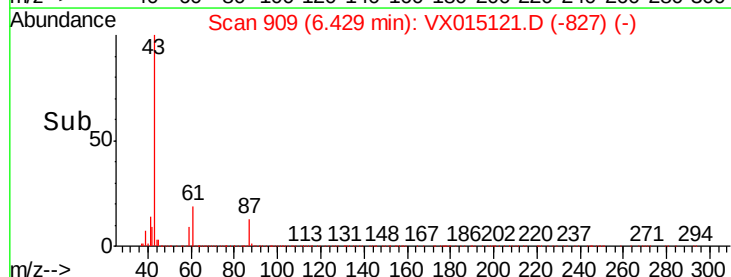
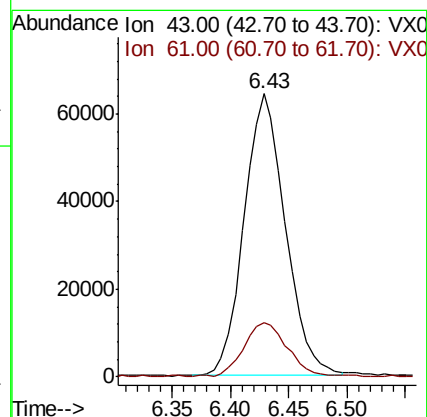
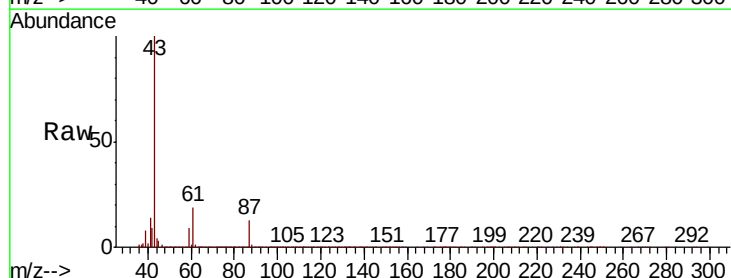
Acq: 06 Mar 2020 13:02

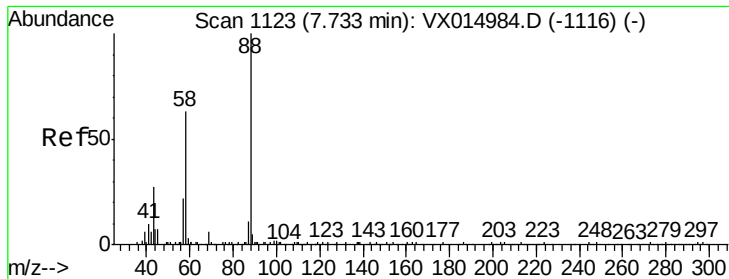
Tgt Ion: 43 Resp: 158404

Ion Ratio Lower Upper

43 100

61 20.1 15.6 23.4

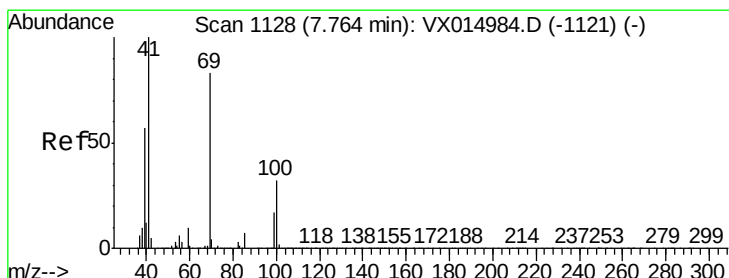
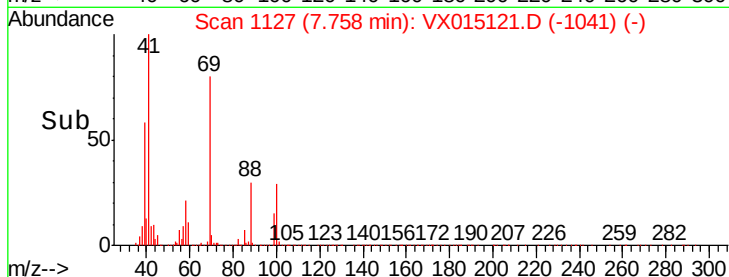
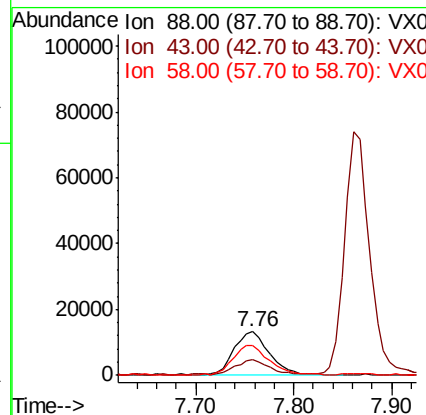
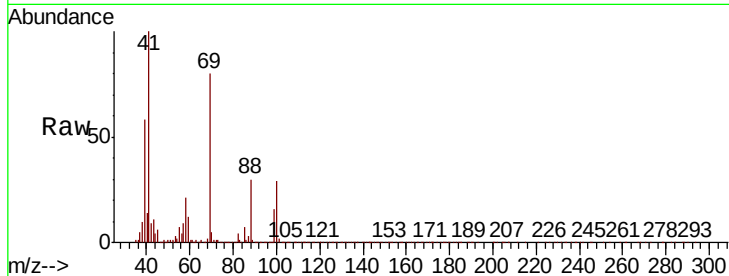




#45
 1,4-Dioxane
 Concen: 453.578 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. 0.02 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

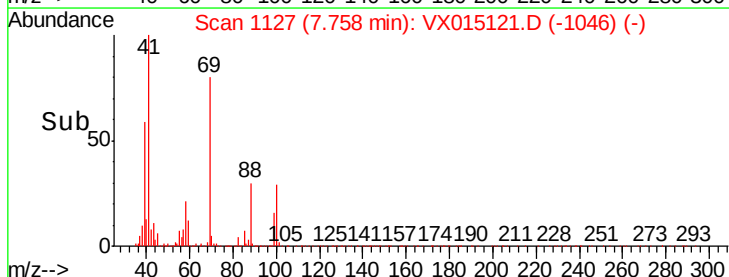
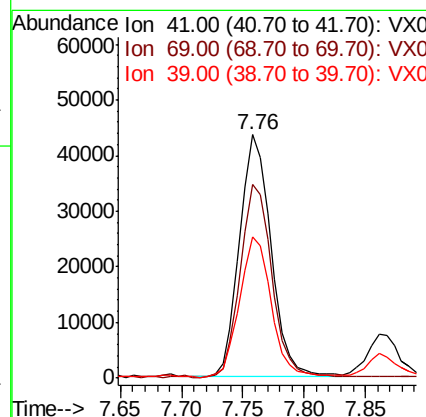
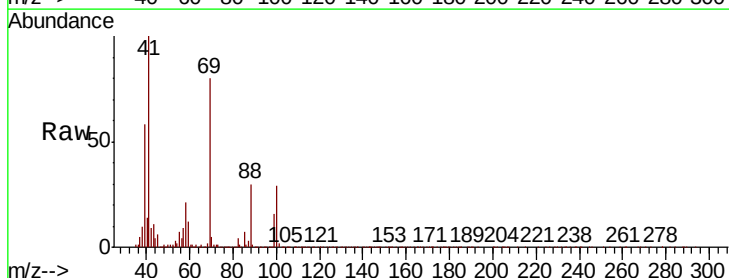
Instrument :
 MSVOA_X
 ClientSampleId :

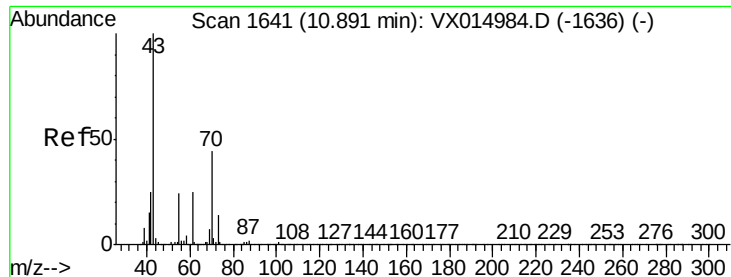
Tot Ion: 88 Resp: 33333
 Ion Ratio Lower Upper
 88 100
 43 32.0 25.4 38.2
 58 67.6 55.8 83.8



#46
 Methyl methacrylate
 Concen: 19.922 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion: 41 Resp: 78384
 Ion Ratio Lower Upper
 41 100
 69 79.8 41.4 124.2
 39 57.9 28.3 84.9

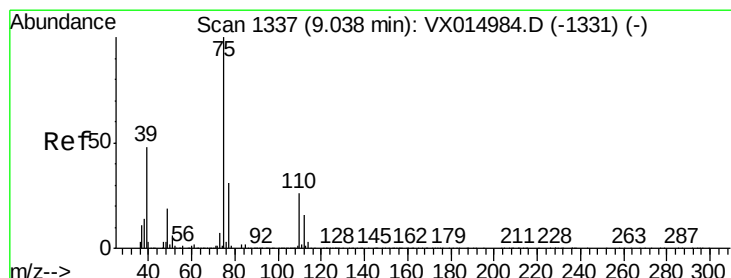
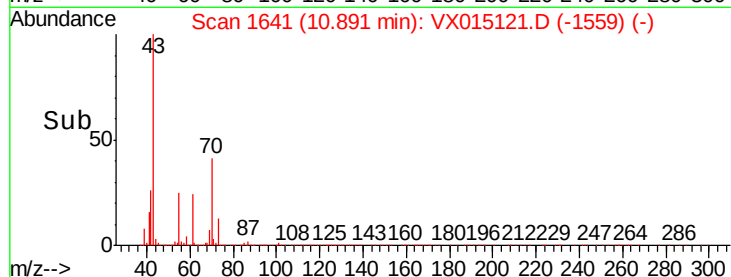
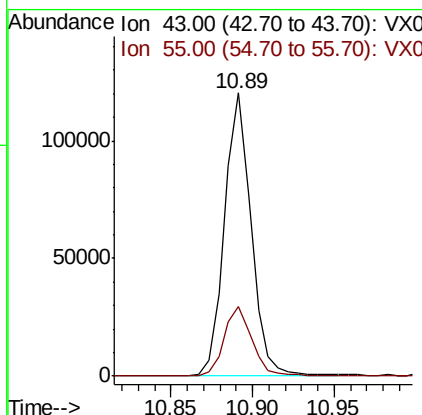
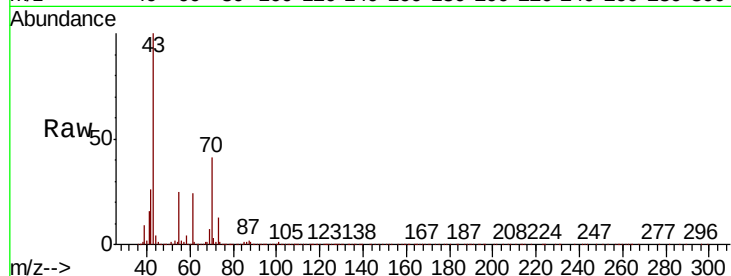




#47
n-amvl Acetate
Concen: 19.830 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

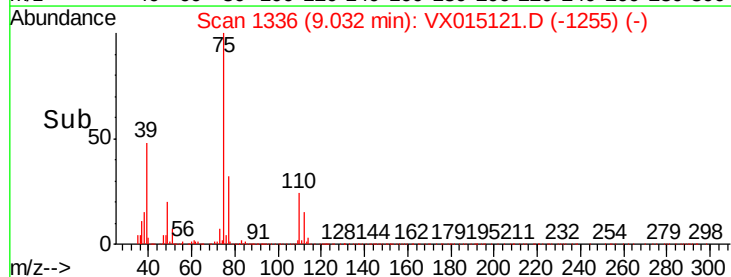
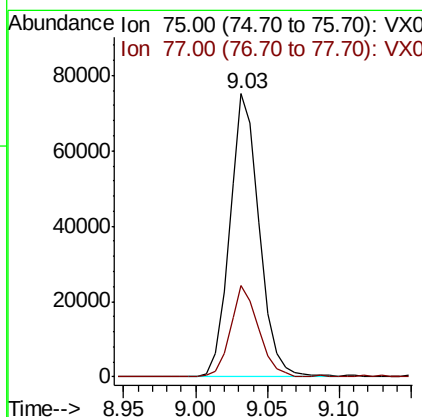
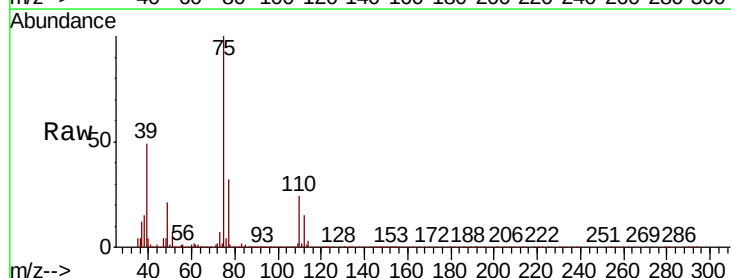
Instrument :
MSVOA_X
ClientSampled :

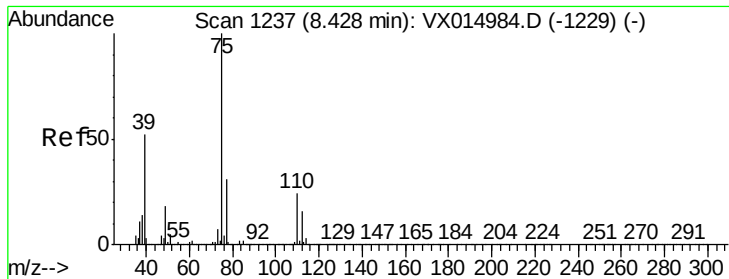
Tot Ion: 43 Resp: 136629
Ion Ratio Lower Upper
43 100
55 24.8 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 20.707 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 75 Resp: 106619
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



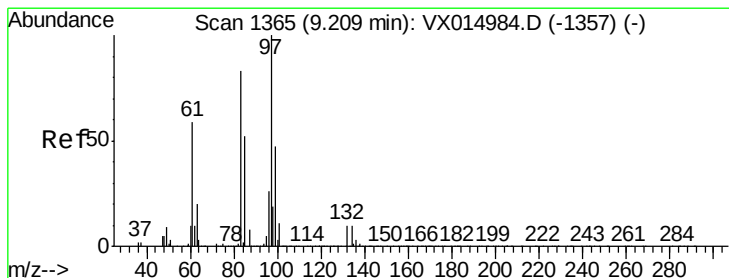
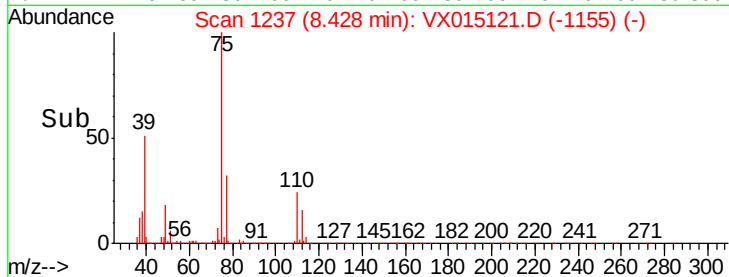
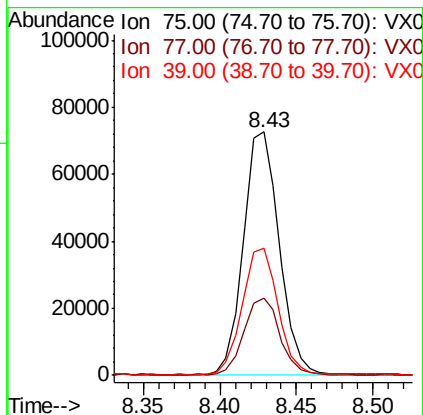
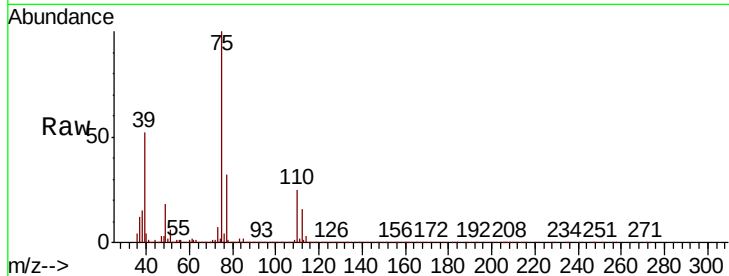


#49

cis-1,3-Dichloropropene
 Concen: 20.960 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampled :

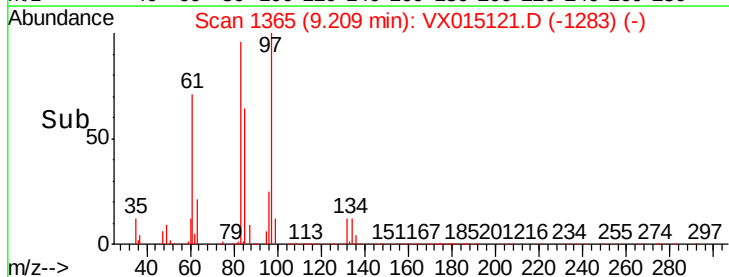
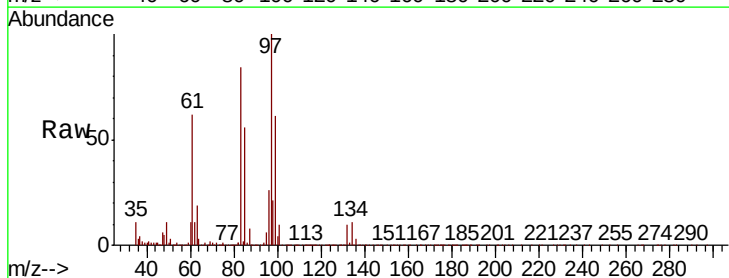
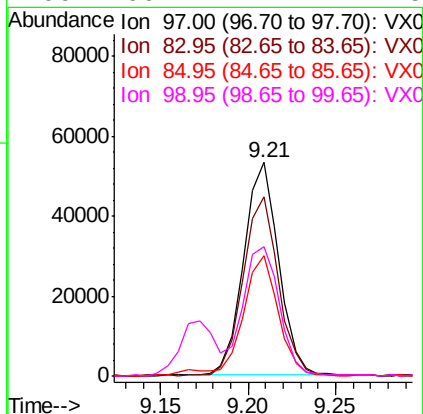
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	51.9	41.5	62.3

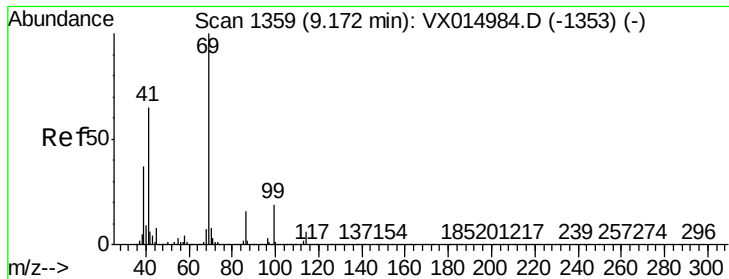


#50

1,1,2-Trichloroethane
 Concen: 21.073 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.2	99.2
85	56.5	42.4	63.6
99	60.4	47.7	71.5





#51

Ethyl methacrylate

Concen: 19.629 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

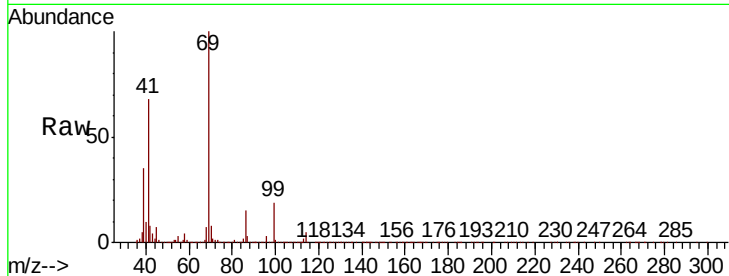
Tot Ion: 69 Resp: 106045

Ion Ratio Lower Upper

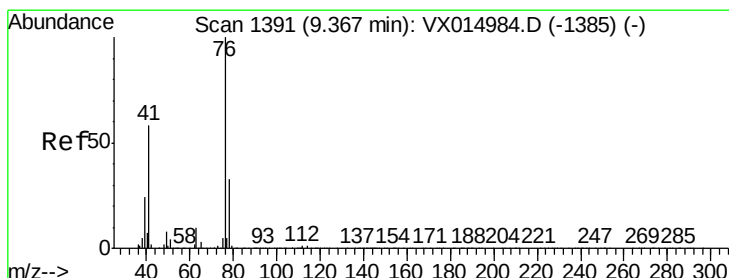
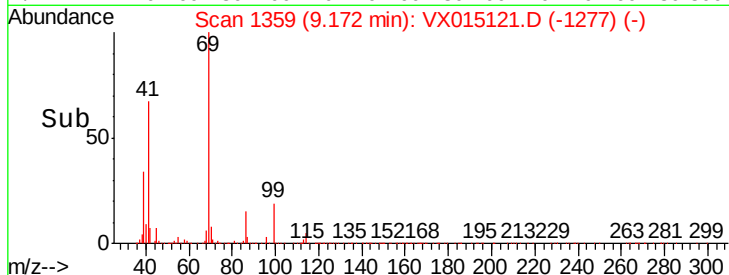
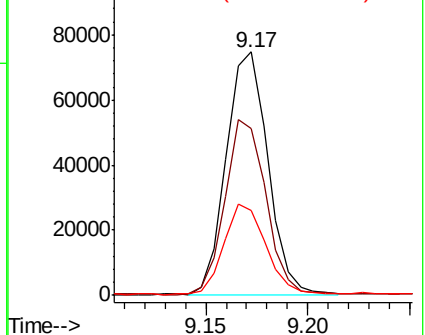
69 100

41 68.1 32.7 98.1

39 34.3 18.2 54.6



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: 21.345 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015121.D

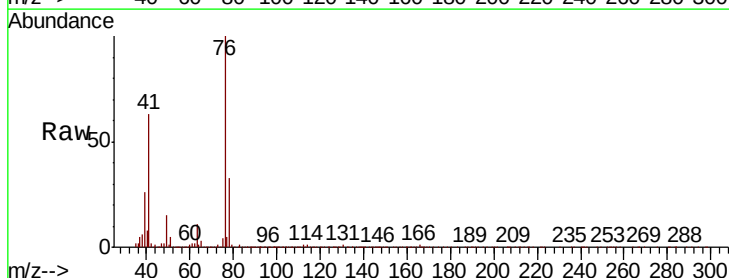
Acq: 06 Mar 2020 13:02

Tgt Ion: 76 Resp: 126390

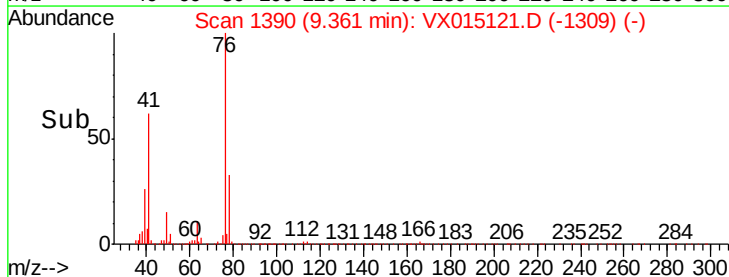
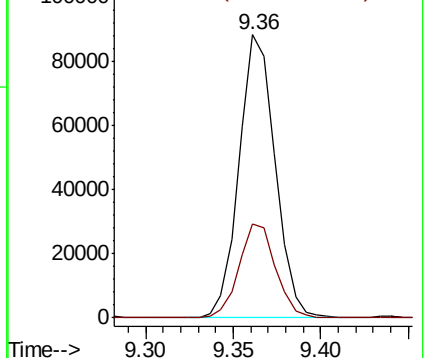
Ion Ratio Lower Upper

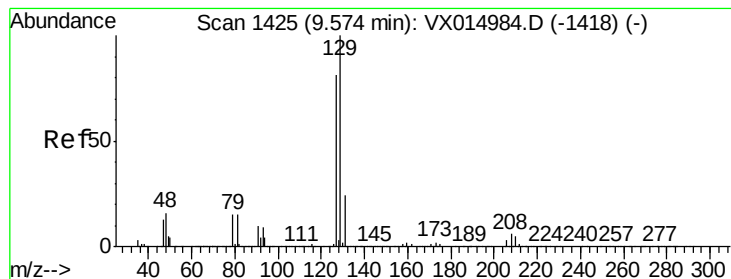
76 100

78 33.1 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.586 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

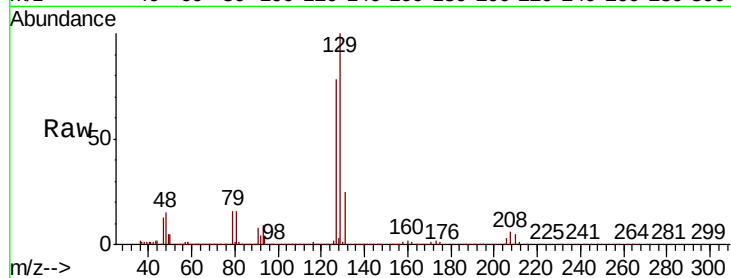
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 77906

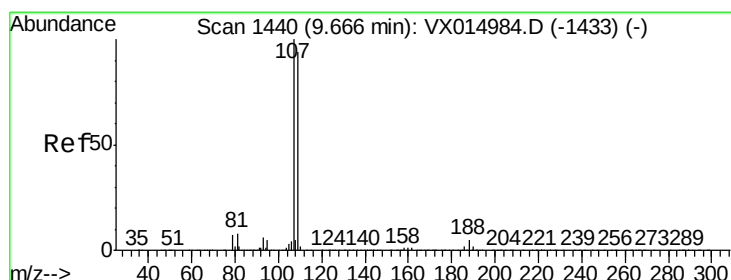
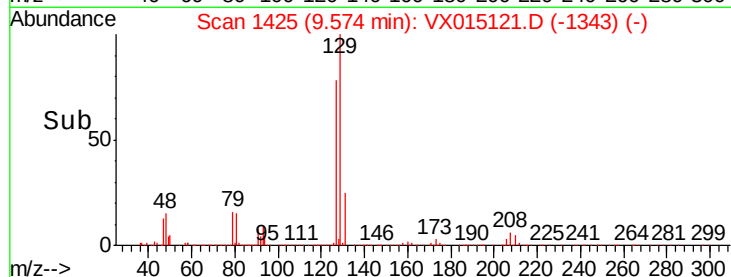
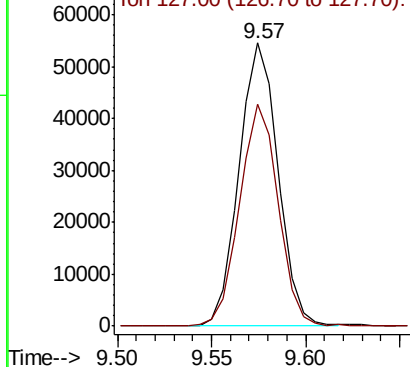
Ion Ratio Lower Upper

129 100

127 77.8 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.734 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015121.D

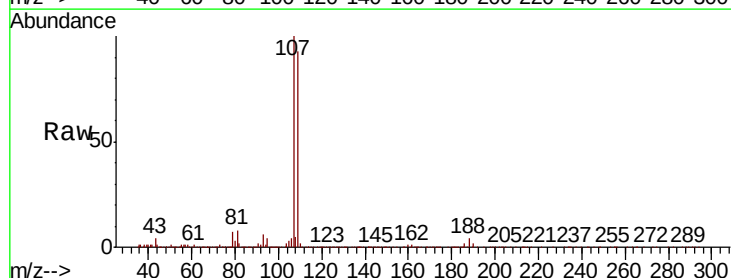
Acq: 06 Mar 2020 13:02

Tgt Ion:107 Resp: 77055

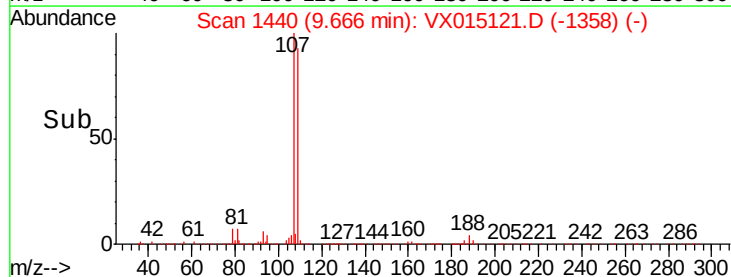
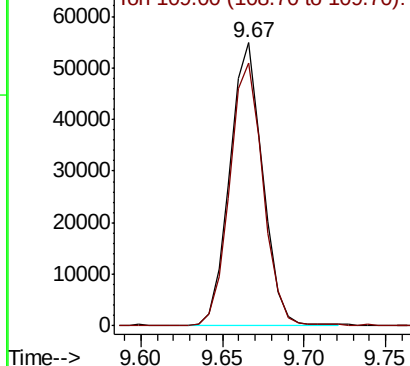
Ion Ratio Lower Upper

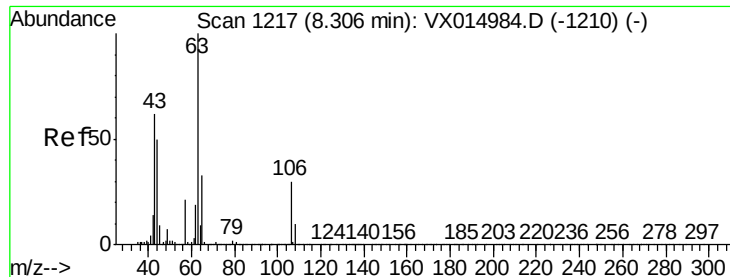
107 100

109 93.9 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

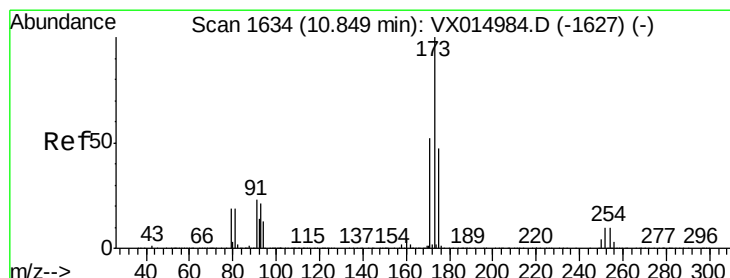
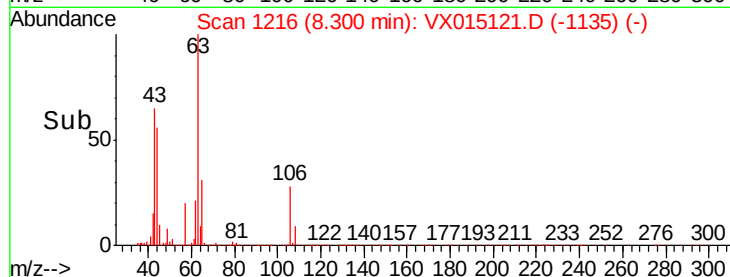
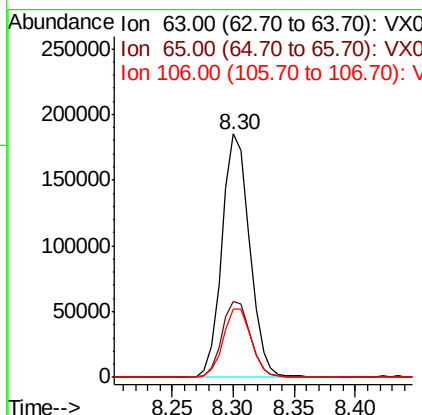
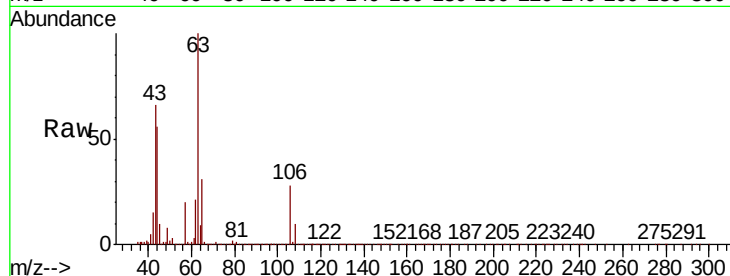




#55
2-Chloroethyl vinyl ether
Concen: 100.778 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

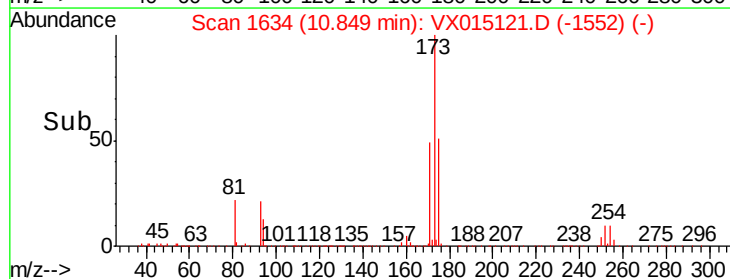
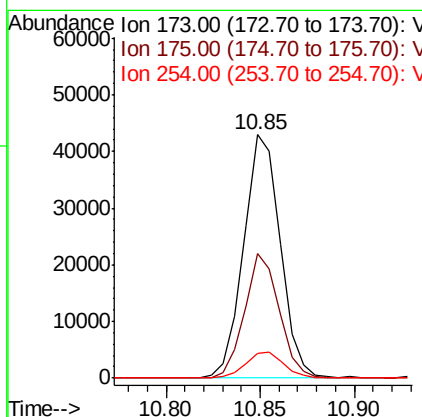
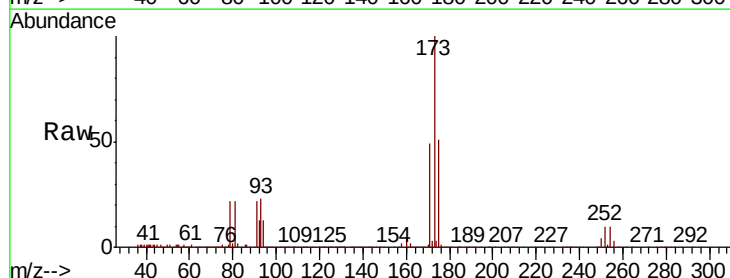
Instrument :
MSVOA_X
ClientSampleId :

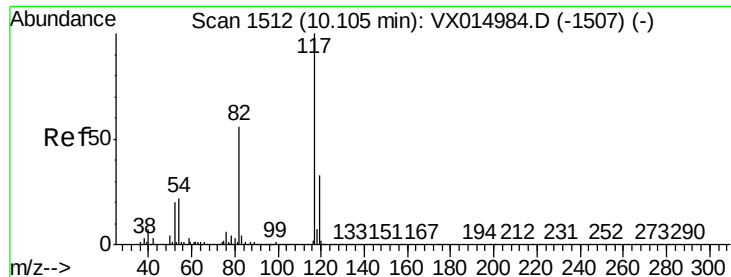
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	28.3	23.9	35.9



#56
Bromoform
Concen: 19.413 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.6	57.8
254	10.9	8.6	13.0

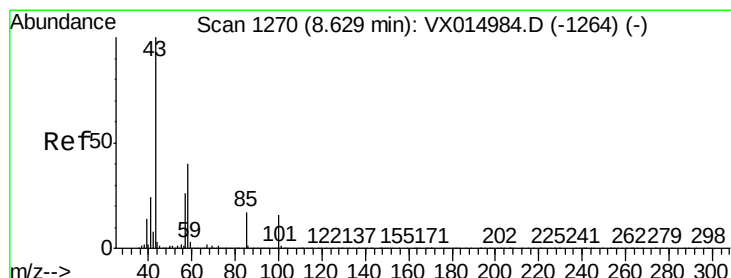
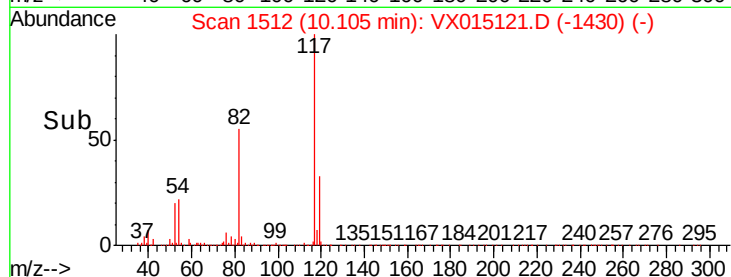
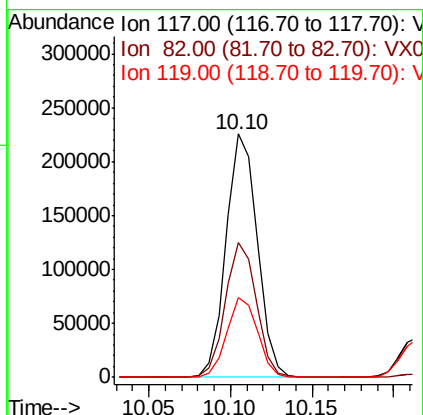
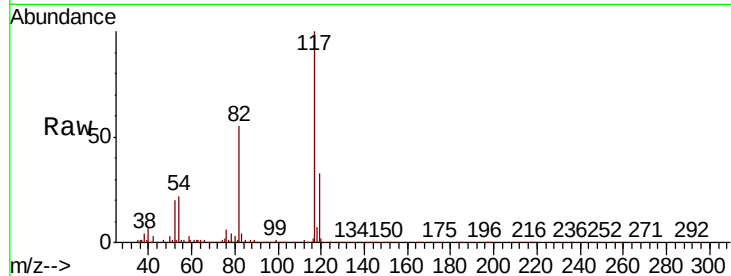




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

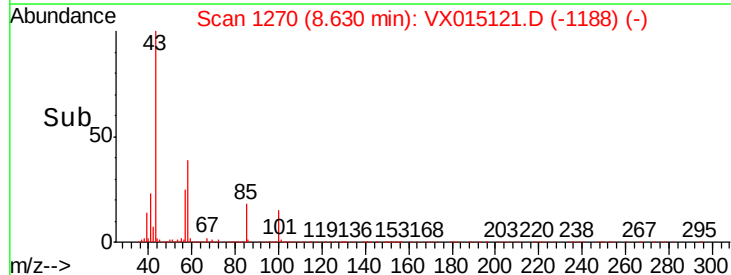
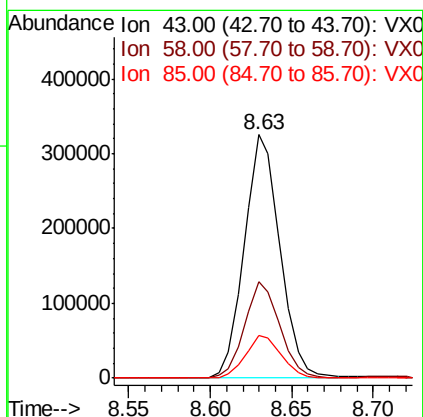
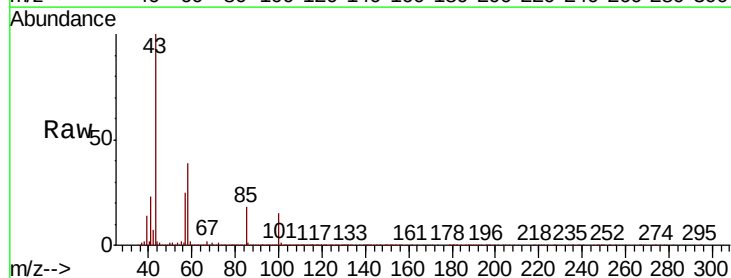
Instrument :
MSVOA_X
ClientSampled :

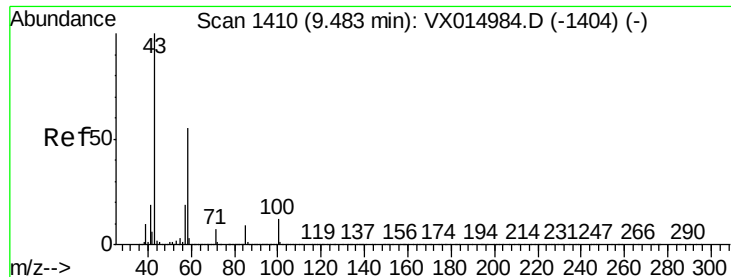
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.2
119	32.4	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 100.214 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.7	47.5
85	17.7	14.4	21.6

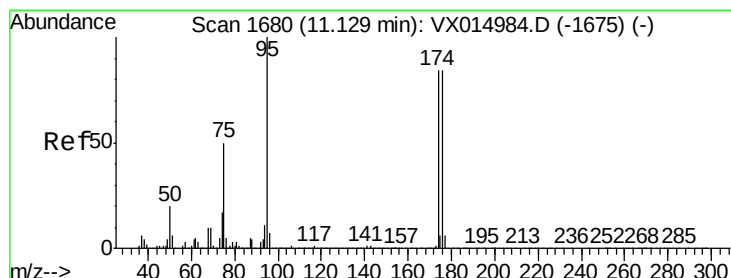
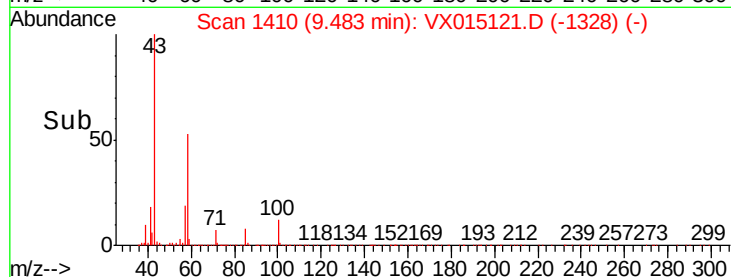
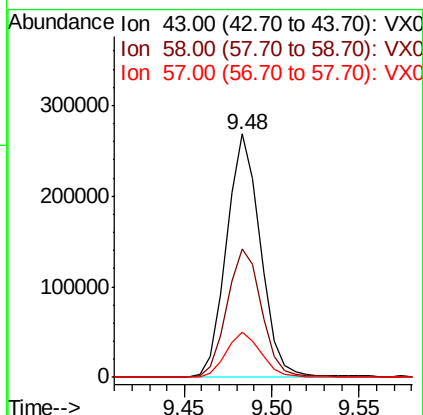
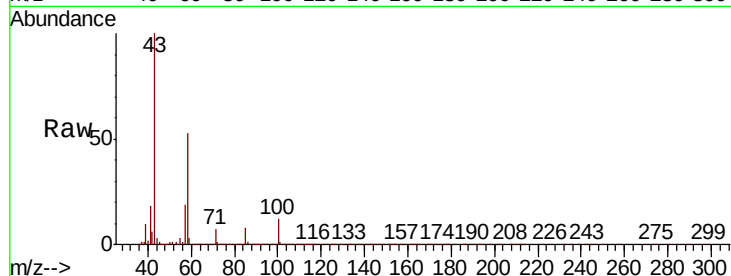




#59
2-Hexanone
Concen: 93.574 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

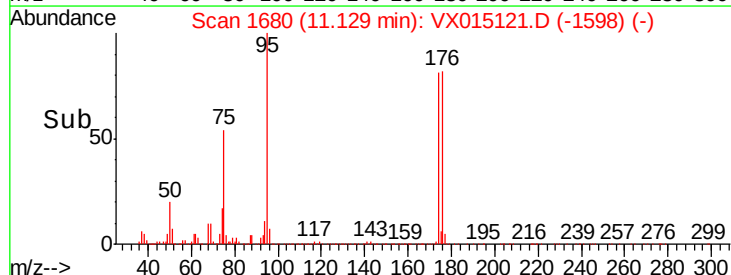
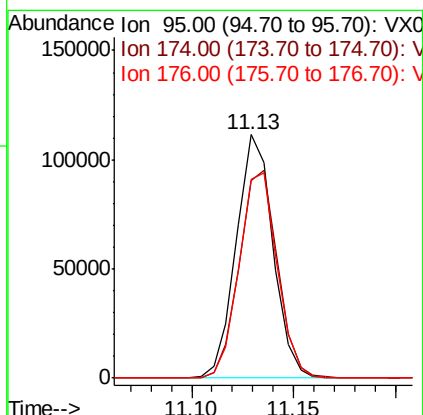
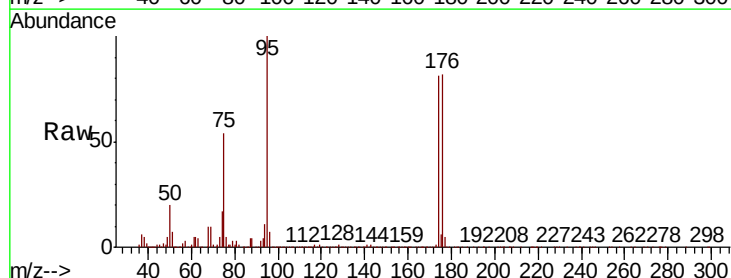
Instrument :
MSVOA_X
ClientSampled :

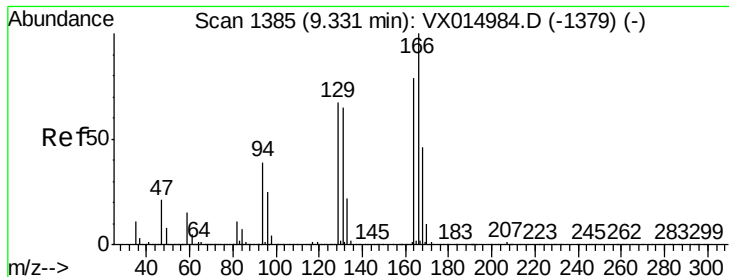
Tot Ion: 43 Resp: 360491
Ion Ratio Lower Upper
43 100
58 54.6 44.1 66.1
57 19.1 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 29.733 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 95 Resp: 139321
Ion Ratio Lower Upper
95 100
174 89.5 72.3 108.5
176 88.0 72.0 108.0





#61

Tetrachloroethene

Concen: 19.915 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 80472

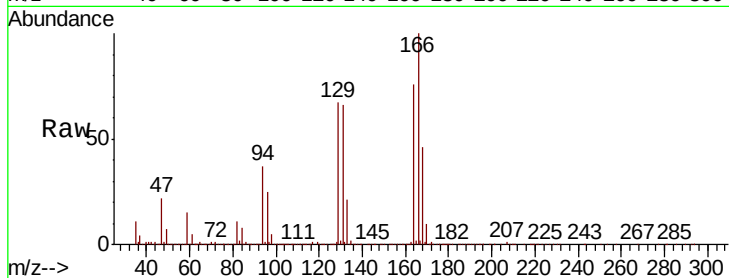
Ion Ratio Lower Upper

164 100

166 131.5 101.2 151.8

129 88.3 67.6 101.4

131 86.7 66.0 99.0

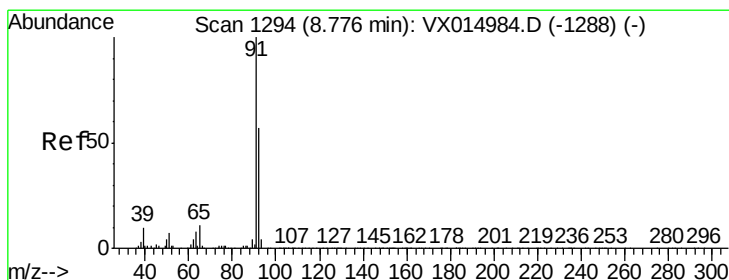
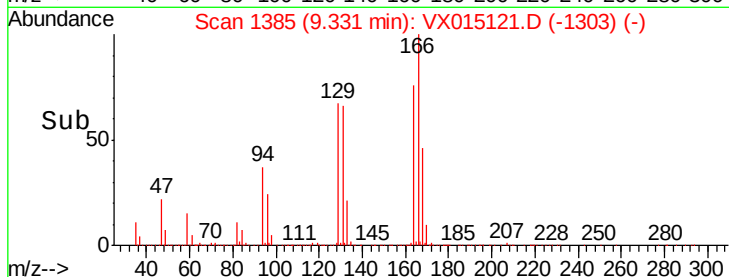
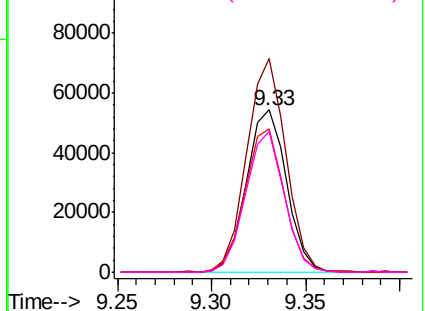


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.847 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015121.D

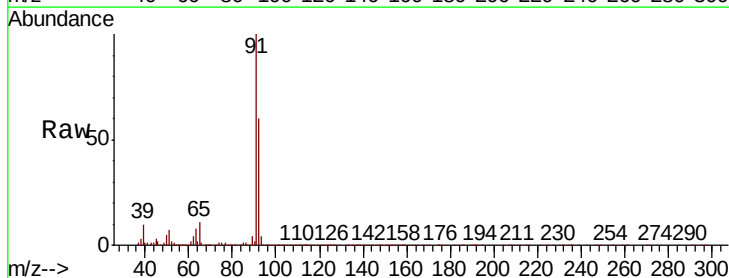
Acq: 06 Mar 2020 13:02

Tgt Ion: 91 Resp: 305838

Ion Ratio Lower Upper

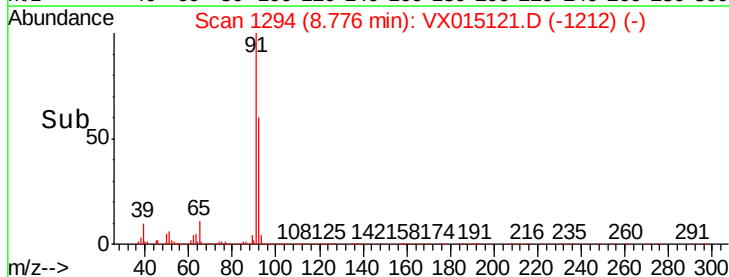
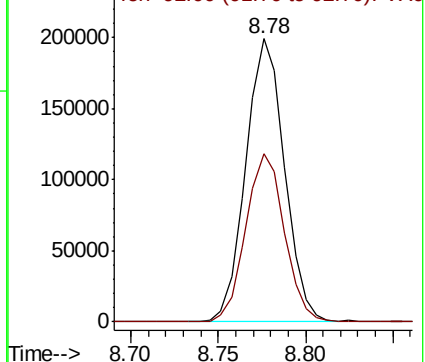
91 100

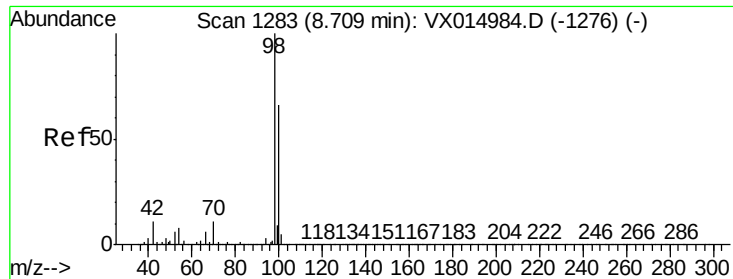
92 59.4 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.290 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

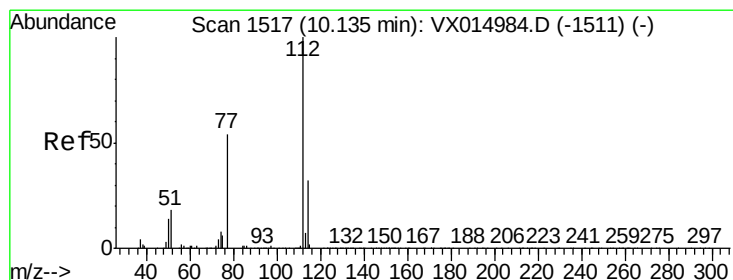
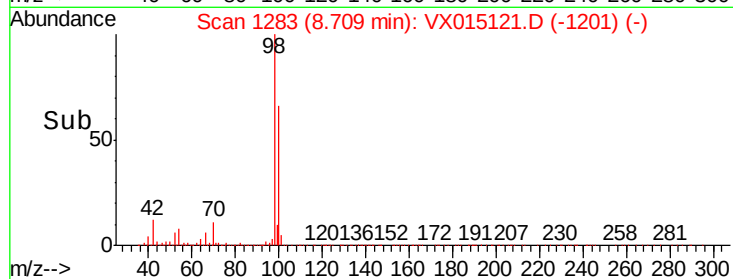
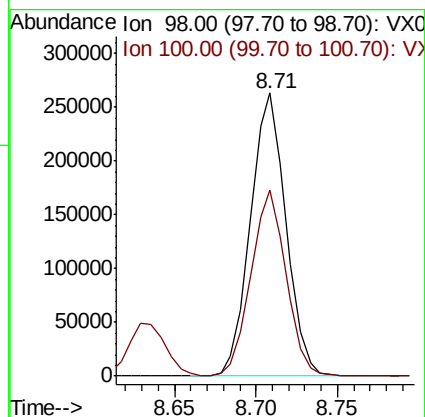
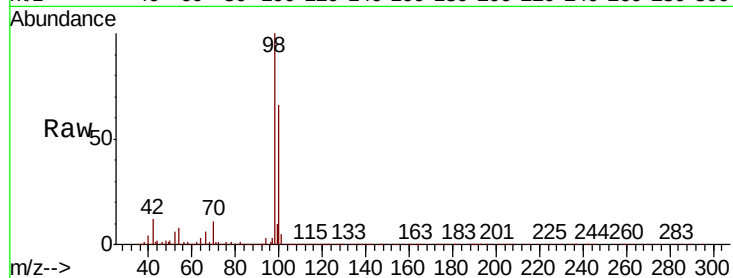
ClientSampled :

Tot Ion: 98 Resp: 397393

Ion Ratio Lower Upper

98 100

100 64.8 52.8 79.2



#64

Chlorobenzene

Concen: 19.870 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015121.D

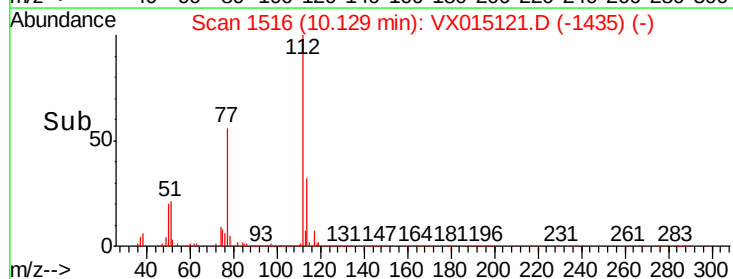
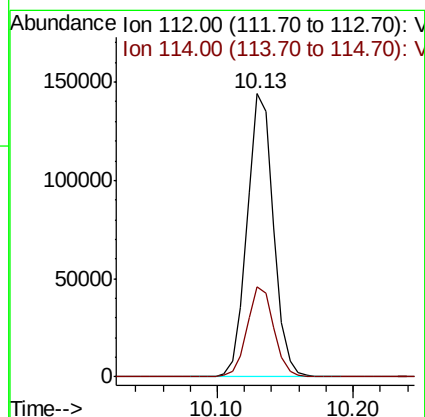
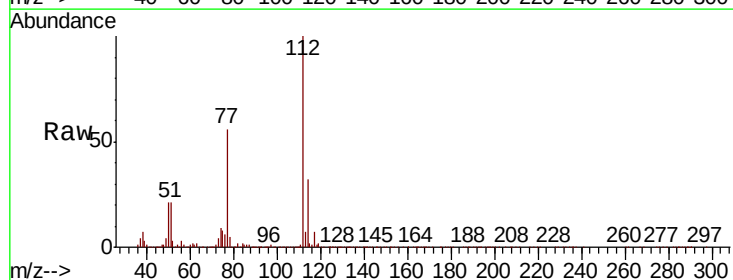
Acq: 06 Mar 2020 13:02

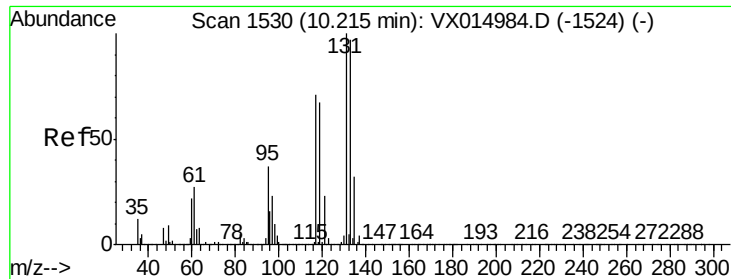
Tgt Ion: 112 Resp: 195440

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.196 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

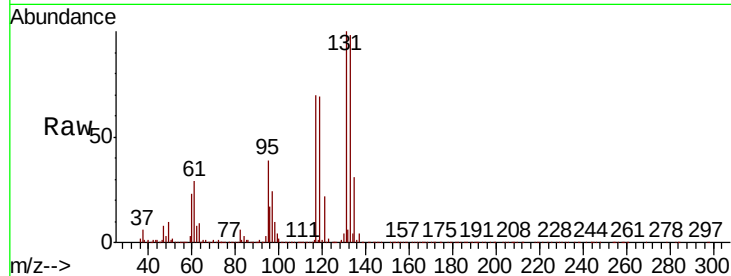
Tot Ion:131 Resp: 73581

Ion Ratio Lower Upper

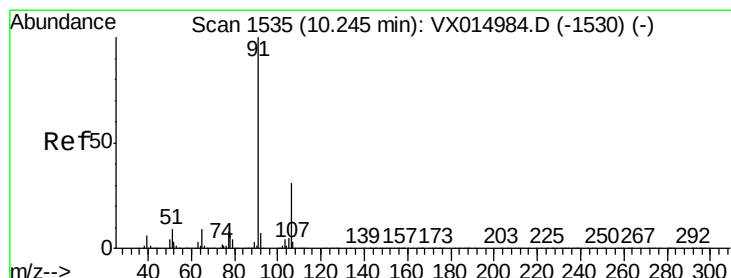
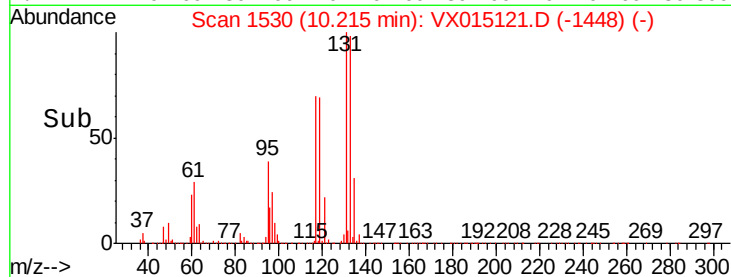
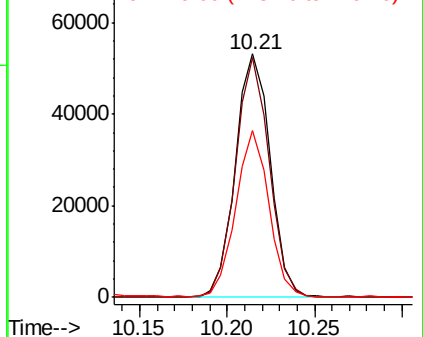
131 100

133 95.4 0.0 191.4

119 64.8 0.0 132.0



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: 19.843 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015121.D

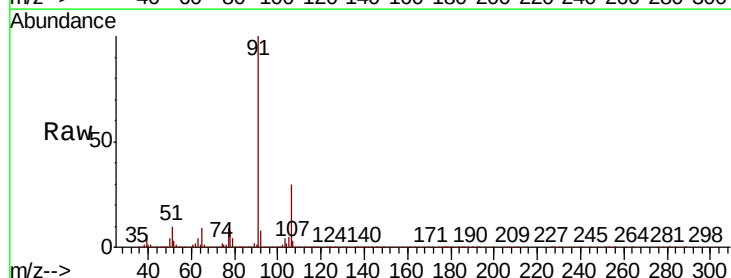
Acq: 06 Mar 2020 13:02

Tgt Ion: 91 Resp: 336832

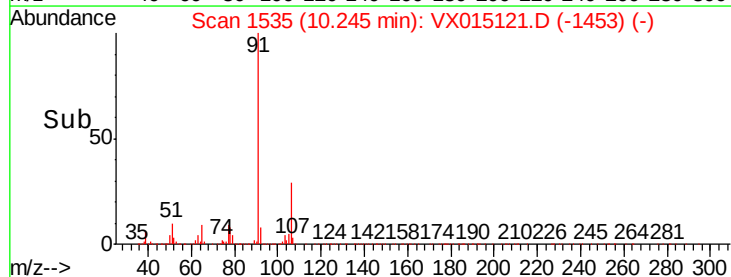
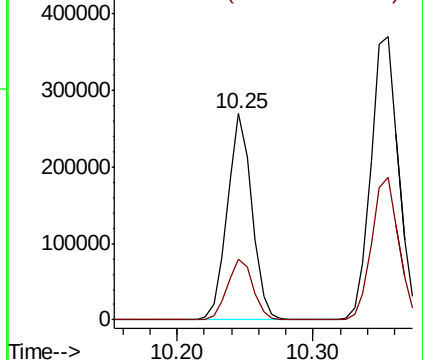
Ion Ratio Lower Upper

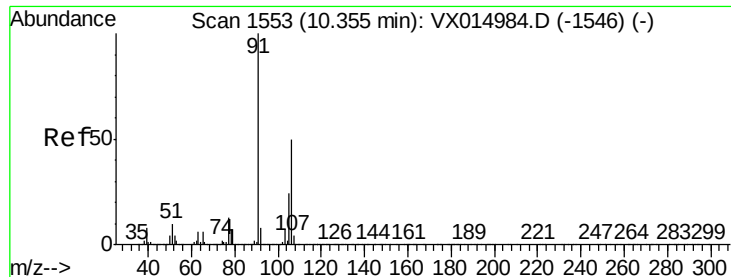
91 100

106 29.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

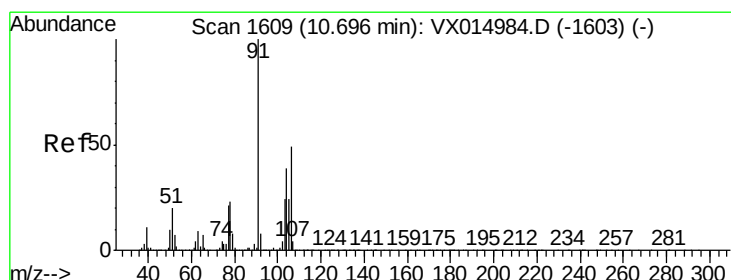
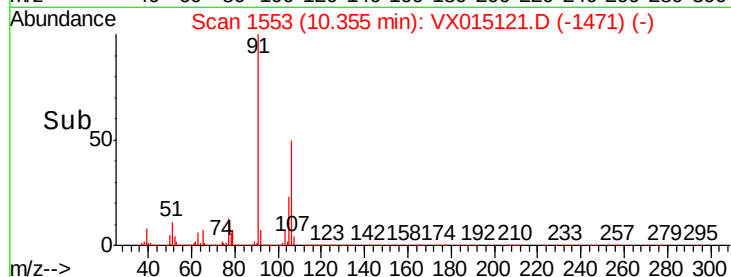
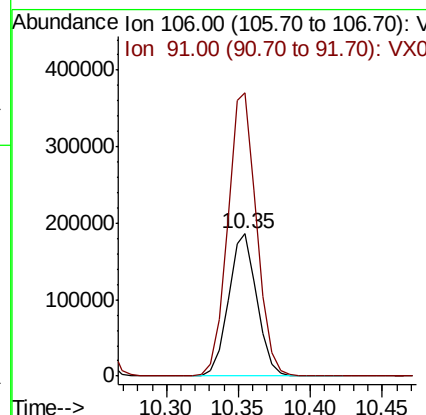
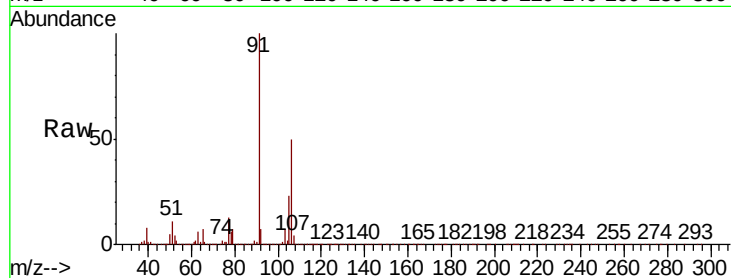




#67
m/p-Xylenes
Concen: 39.233 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

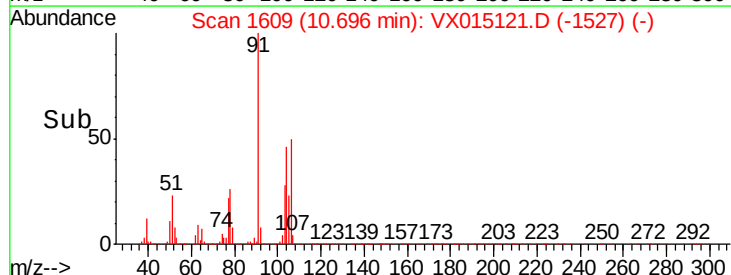
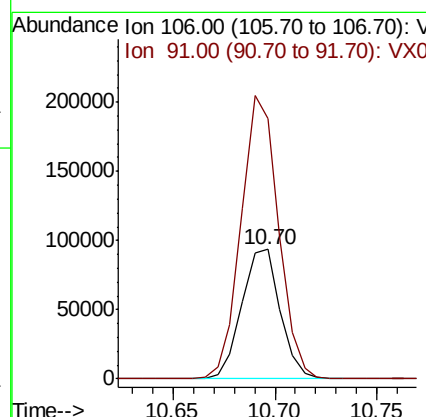
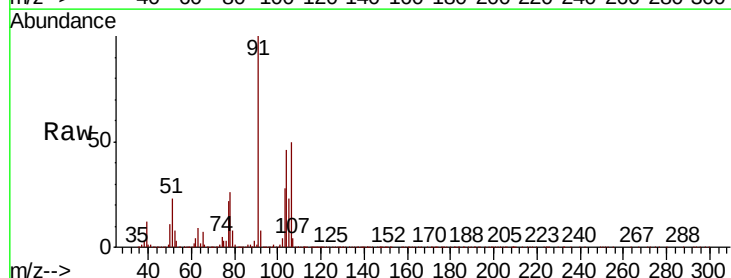
Instrument :
MSVOA_X
ClientSampleId :

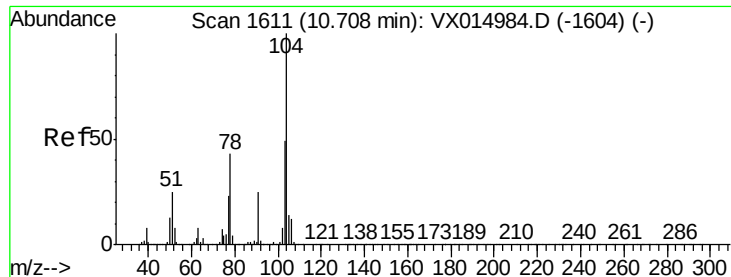
Tot Ion:106 Resp: 256811
Ion Ratio Lower Upper
106 100
91 202.3 160.4 240.6



#68
o-Xylene
Concen: 19.303 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion:106 Resp: 122256
Ion Ratio Lower Upper
106 100
91 212.9 105.3 315.9

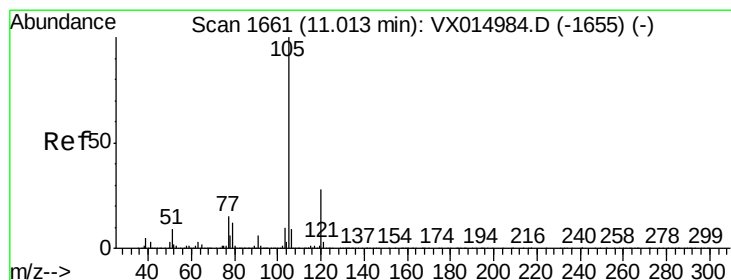
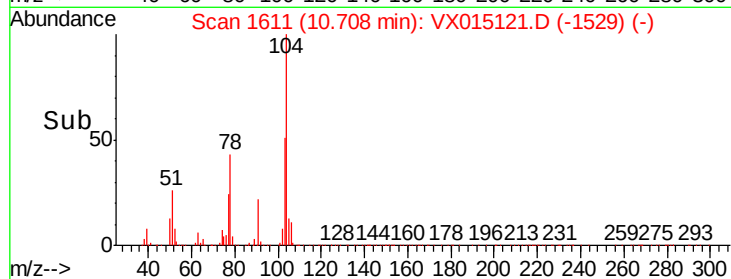
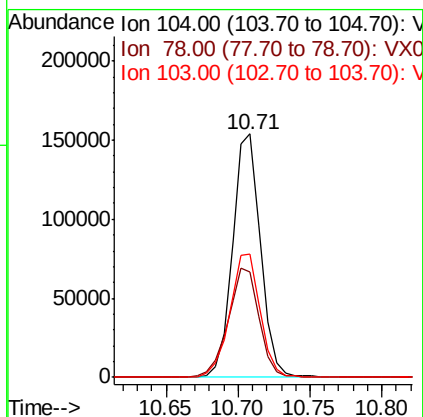
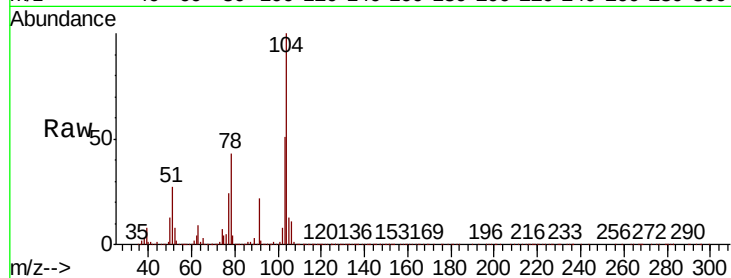




#69
Stvrene
Concen: 19.321 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

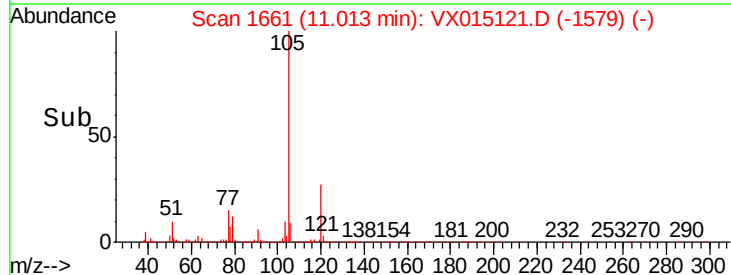
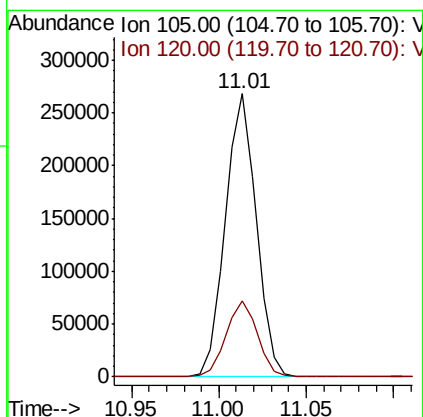
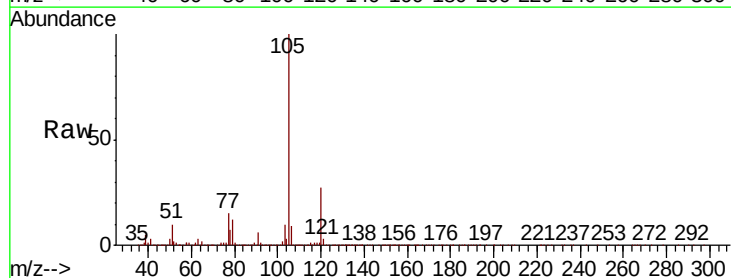
Instrument :
MSVOA_X
ClientSampleId :

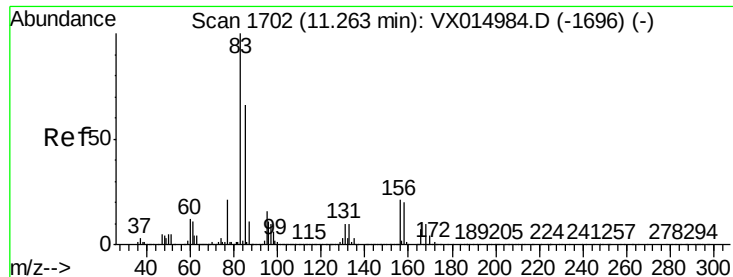
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.4	59.2
103	55.2	42.9	64.3



#70
Isopropylbenzene
Concen: 19.603 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.174 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampled :

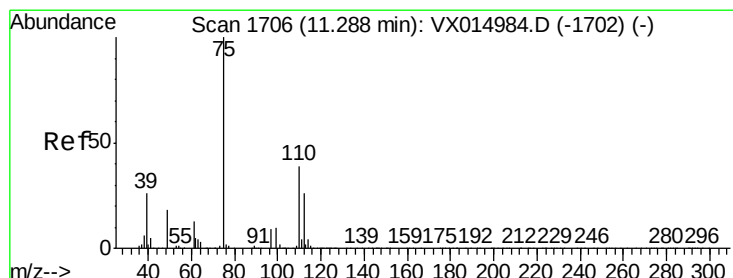
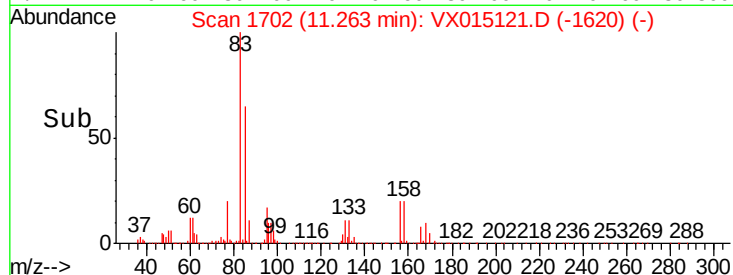
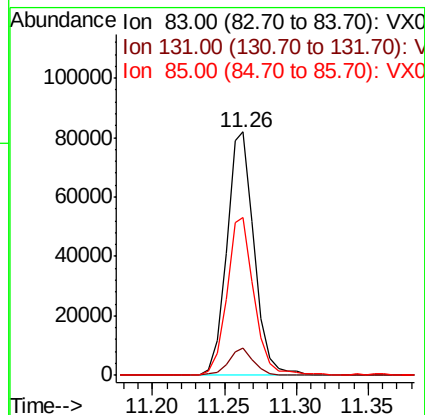
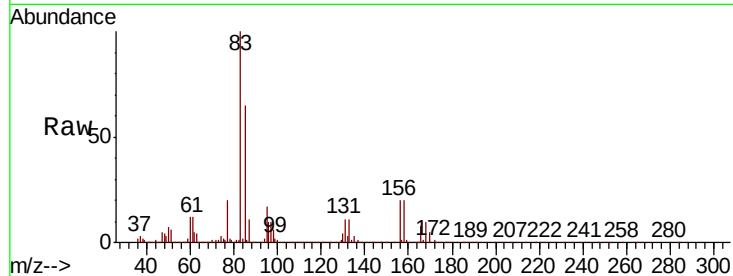
Tot Ion: 83 Resp: 109277

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.0 32.2 96.6



#72

1,2,3-Trichloropropane

Concen: 27.132 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015121.D

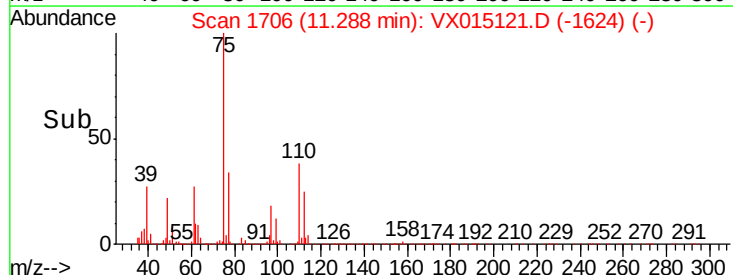
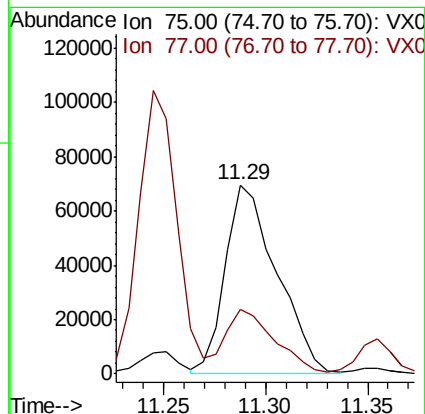
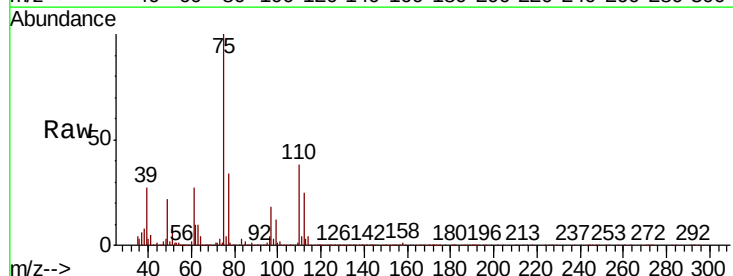
Acq: 06 Mar 2020 13:02

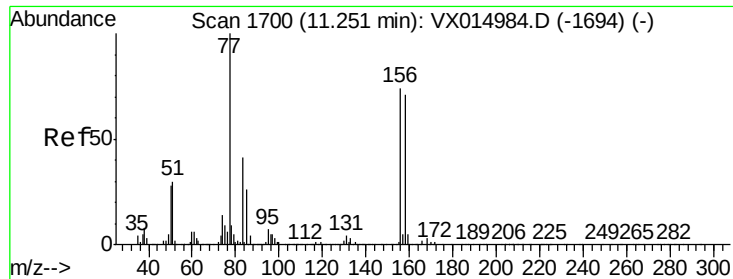
Tgt Ion: 75 Resp: 121906

Ion Ratio Lower Upper

75 100

77 33.0 0.0 75.4





#73

Bromobenzene

Concen: 19.325 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

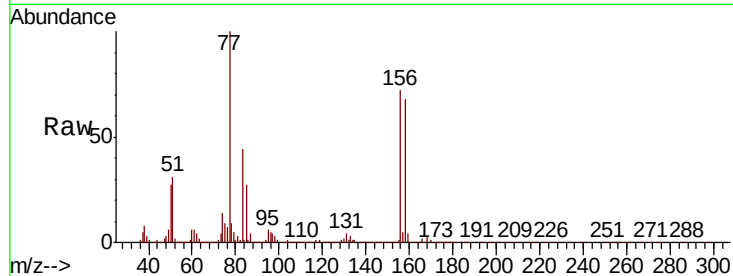
Tot Ion:156 Resp: 87848

Ion Ratio Lower Upper

156 100

77 153.0 0.0 286.8

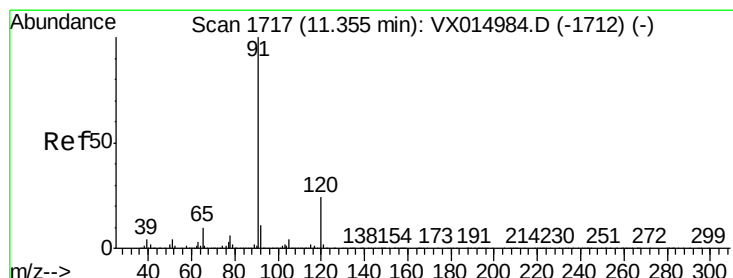
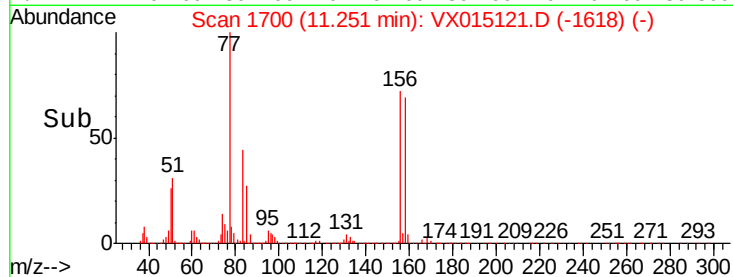
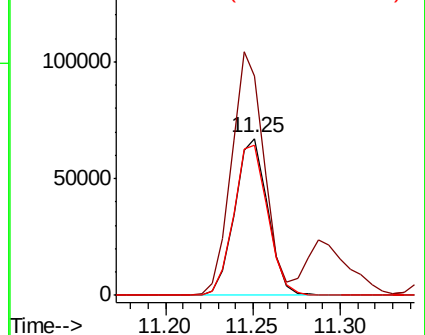
158 98.9 0.0 191.8



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: 20.296 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015121.D

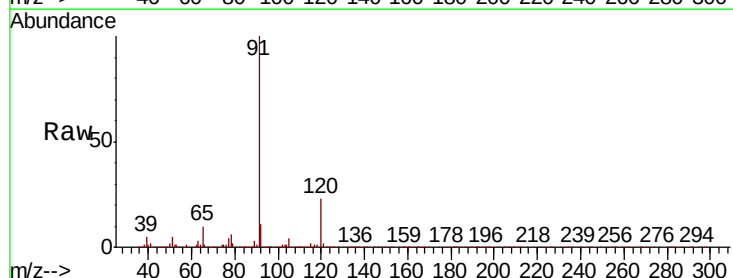
Acq: 06 Mar 2020 13:02

Tgt Ion: 91 Resp: 388631

Ion Ratio Lower Upper

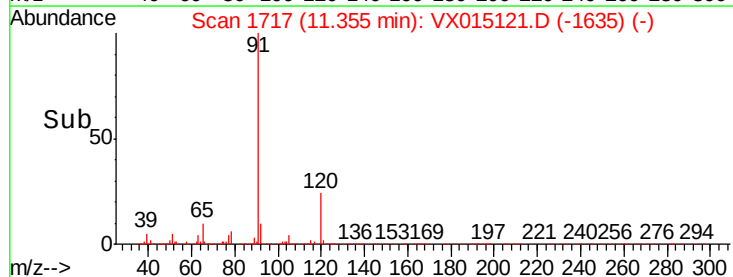
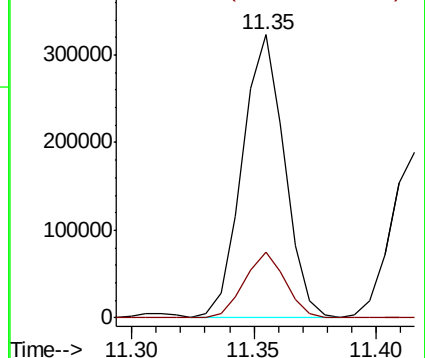
91 100

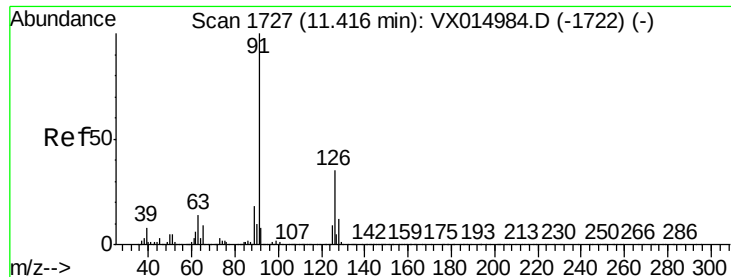
120 22.6 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.435 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

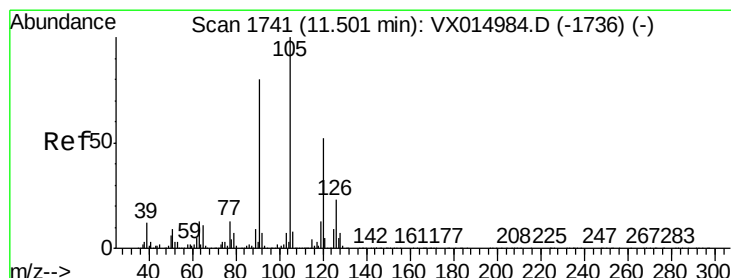
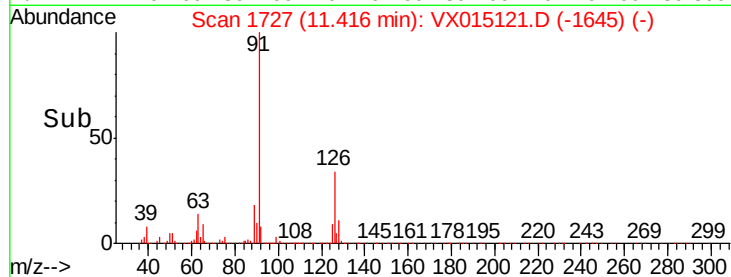
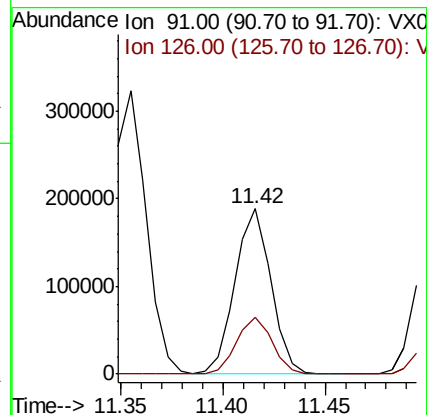
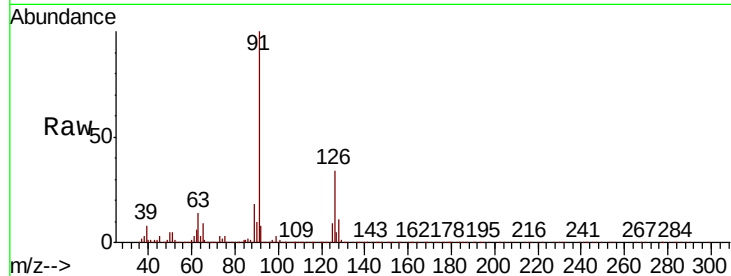
ClientSampled :

Tot Ion: 91 Resp: 231234

Ion Ratio Lower Upper

91 100

126 34.2 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.506 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015121.D

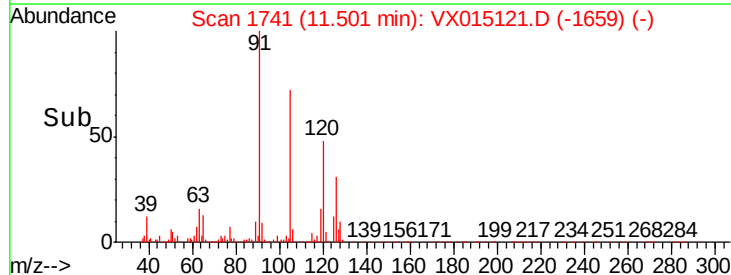
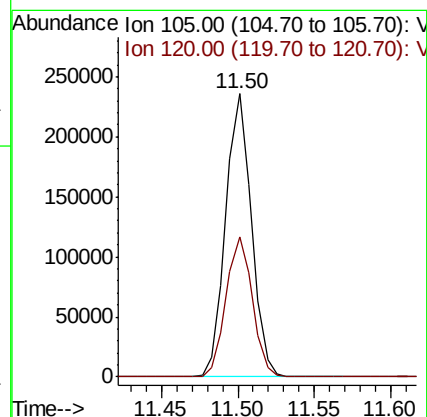
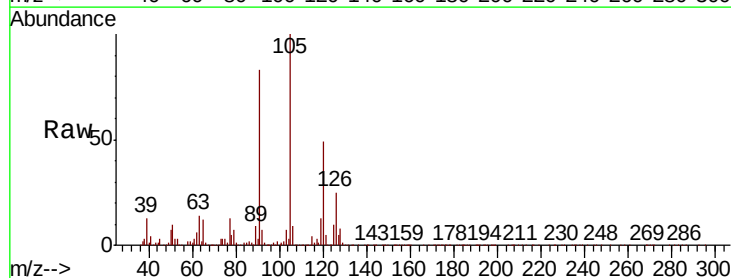
Acq: 06 Mar 2020 13:02

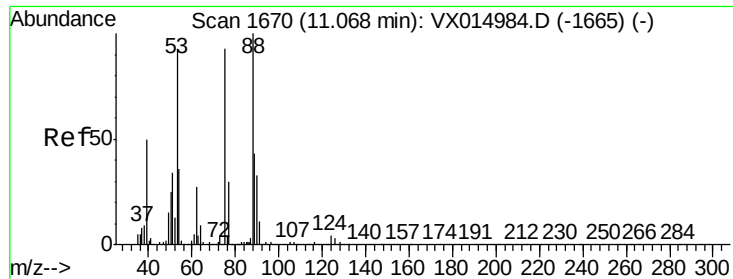
Tgt Ion: 105 Resp: 275025

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0

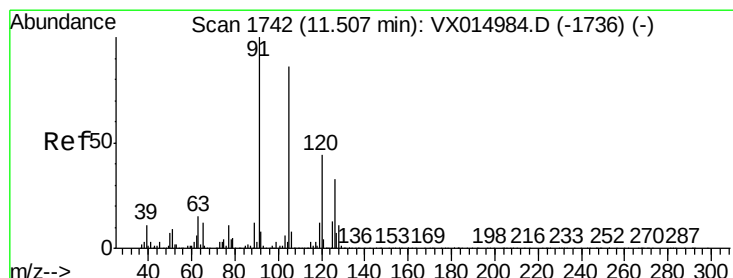
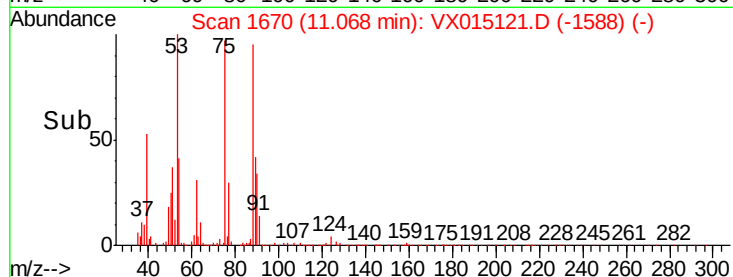
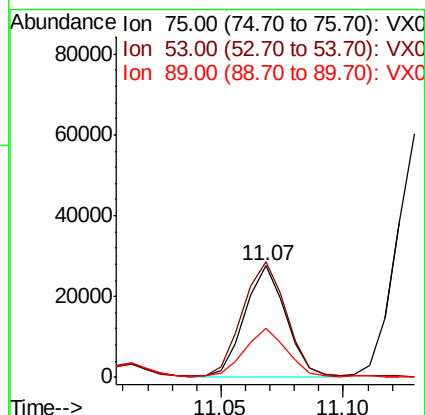
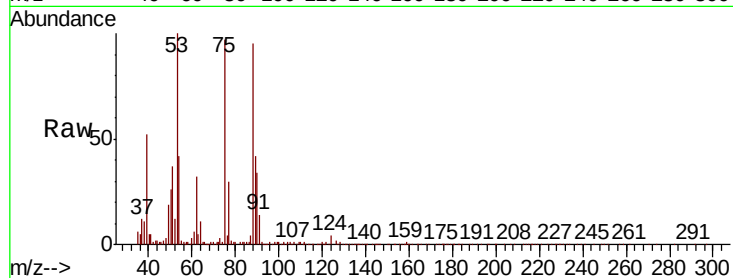




#77
t-1,4-Dichloro-2-butene
Concen: 17.933 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

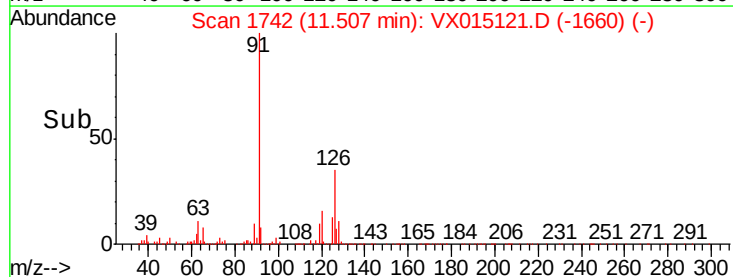
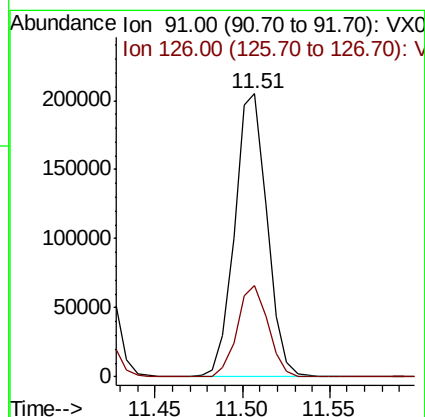
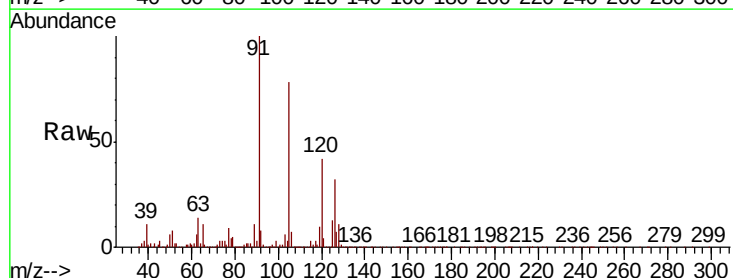
Instrument :
MSVOA_X
ClientSampleId :

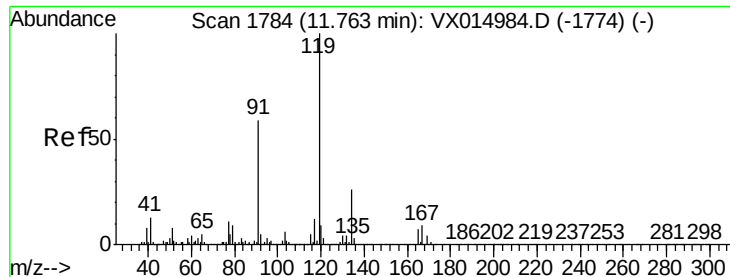
Tot Ion: 75 Resp: 32491
Ion Ratio Lower Upper
75 100
53 103.1 50.0 149.8
89 43.2 23.5 70.5



#78
4-Chlorotoluene
Concen: 20.134 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 91 Resp: 263534
Ion Ratio Lower Upper
91 100
126 30.9 0.0 62.0

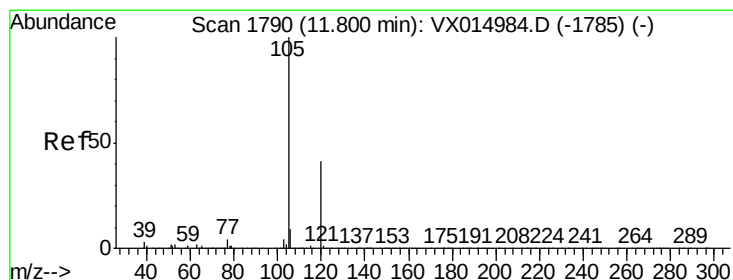
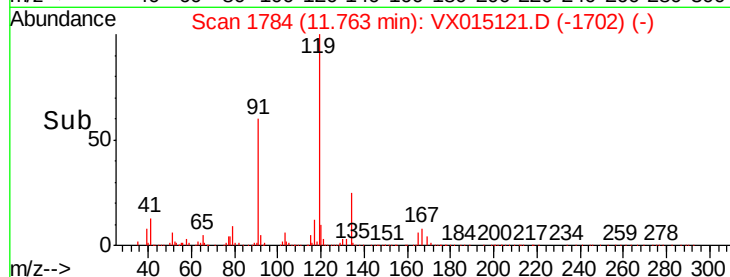
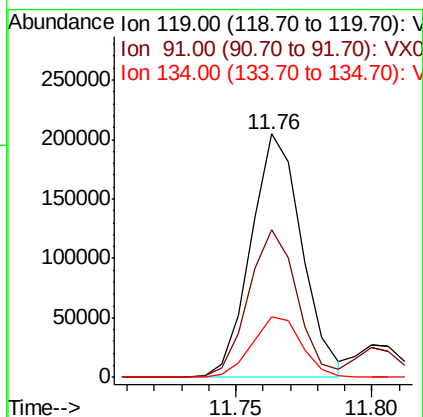
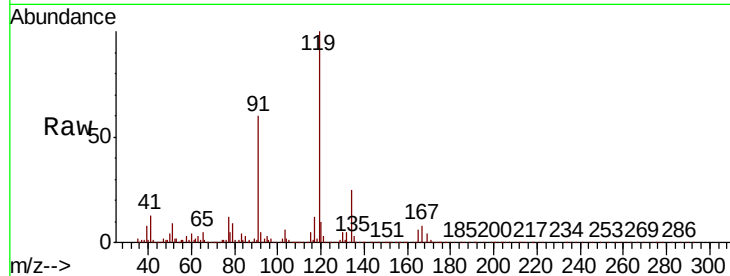




#79
tert-butylbenzene
Concen: 19.558 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

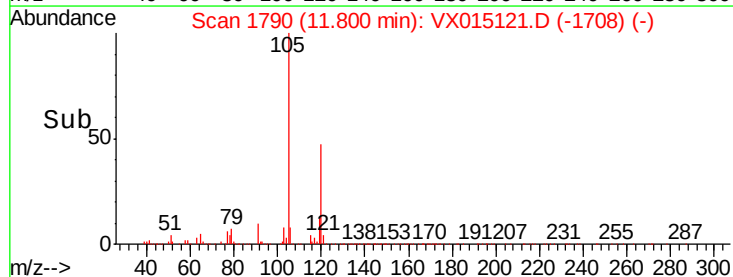
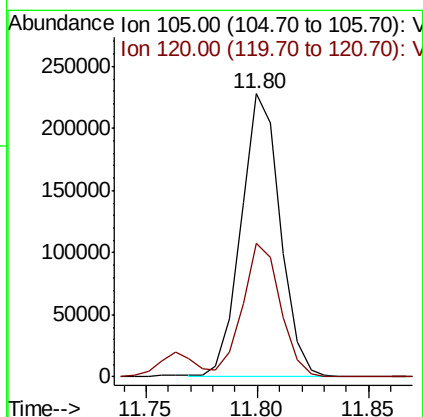
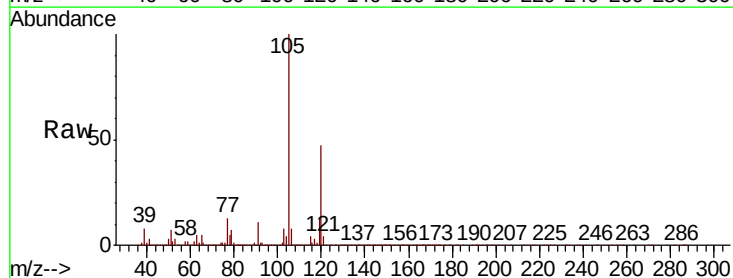
Instrument :
MSVOA_X
ClientSampleId :

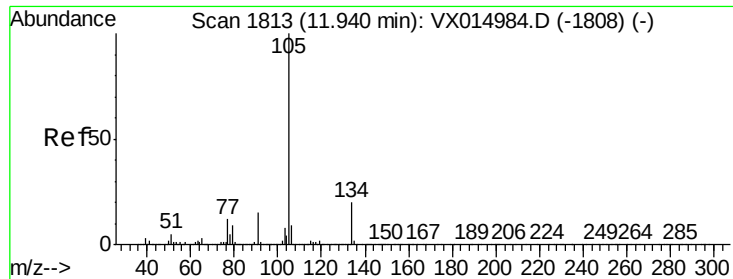
Tot Ion:119 Resp: 266422
Ion Ratio Lower Upper
119 100
91 57.8 0.0 114.4
134 24.6 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.827 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion:105 Resp: 277924
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.4





#81

sec-Butylbenzene

Concen: 20.034 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

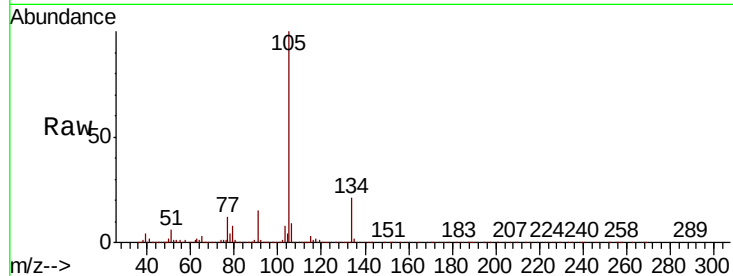
ClientSampleId :

Tot Ion:105 Resp: 326819

Ion Ratio Lower Upper

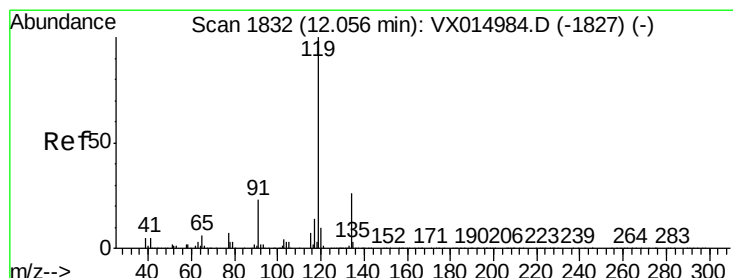
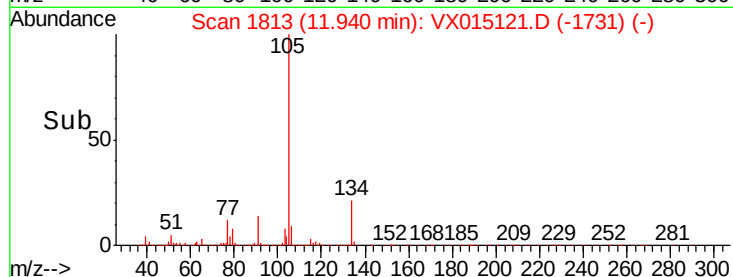
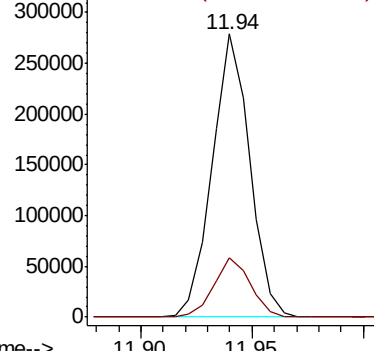
105 100

134 20.4 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.693 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

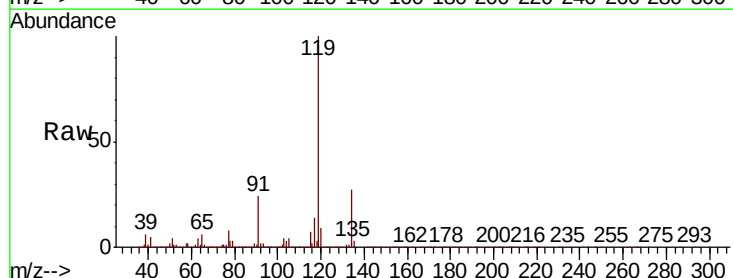
Tgt Ion:119 Resp: 298446

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.2

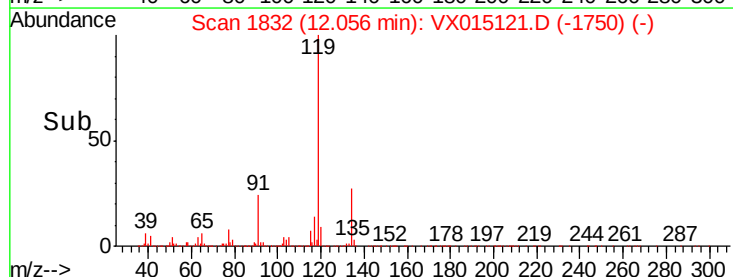
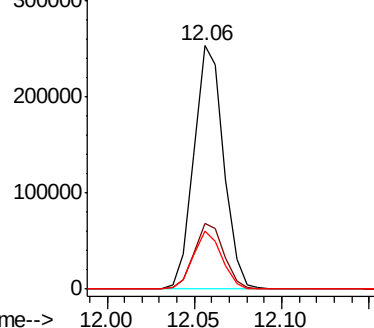
91 23.0 0.0 44.6

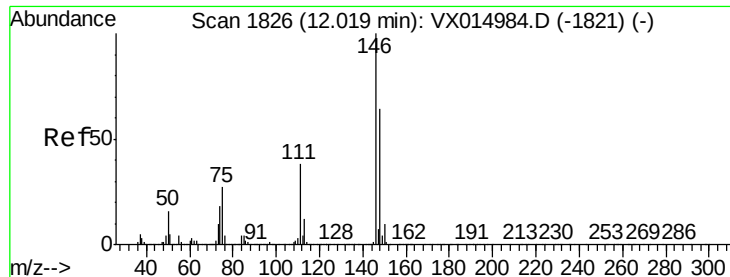


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

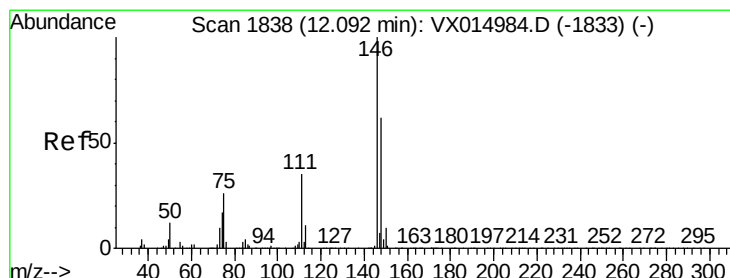
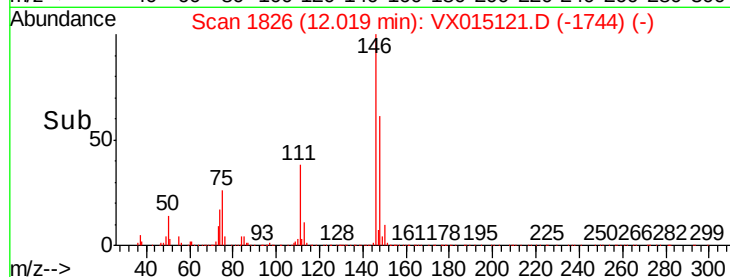
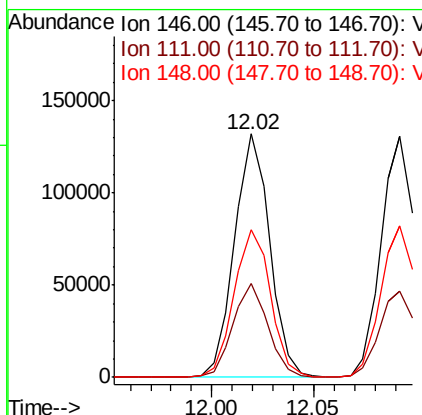
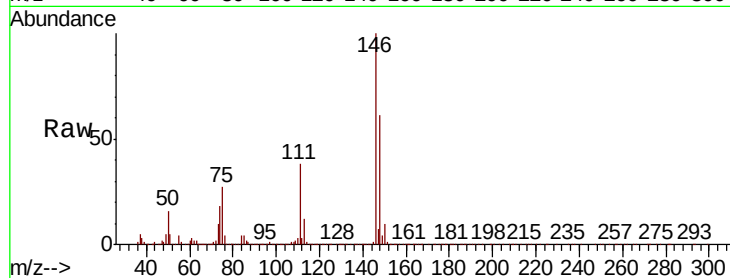




#83
 1,3-Dichlorobenzene
 Concen: 19.733 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

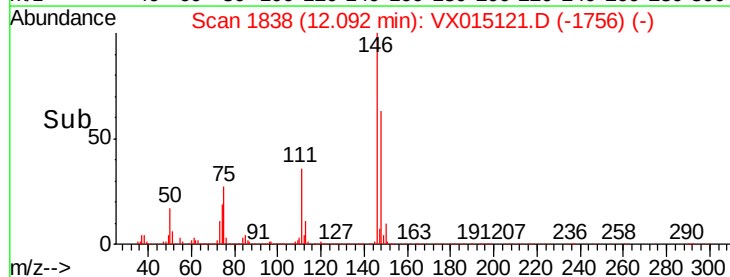
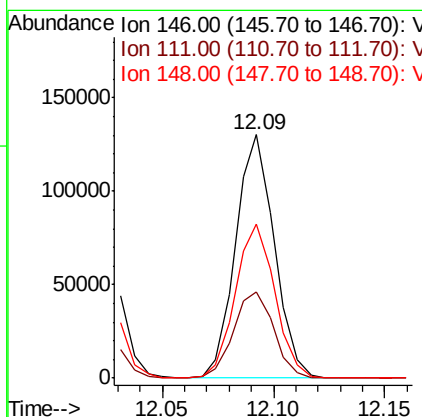
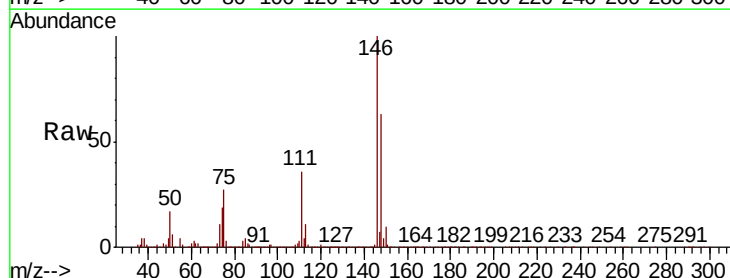
Instrument :
 MSVOA_X
 ClientSampleId :

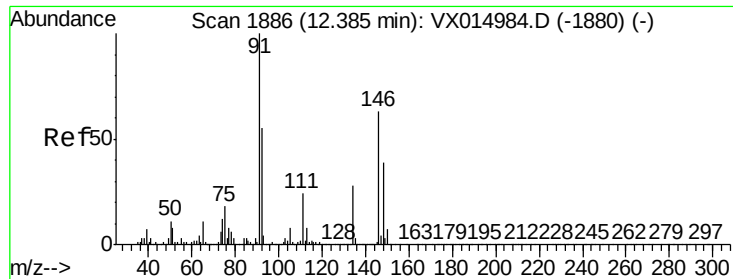
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	62.9	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.8	53.5
148	64.7	31.4	94.2

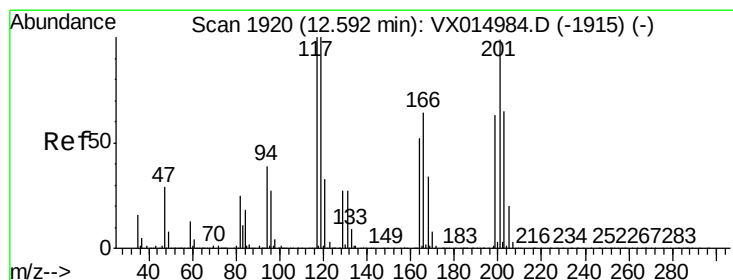
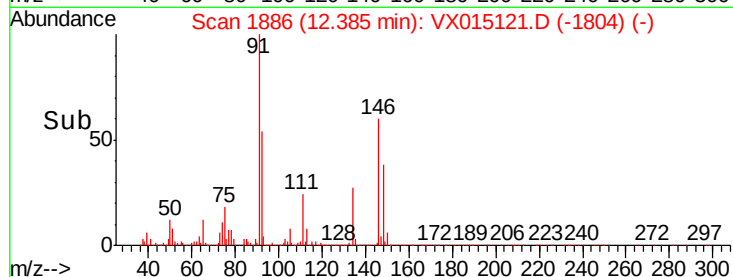
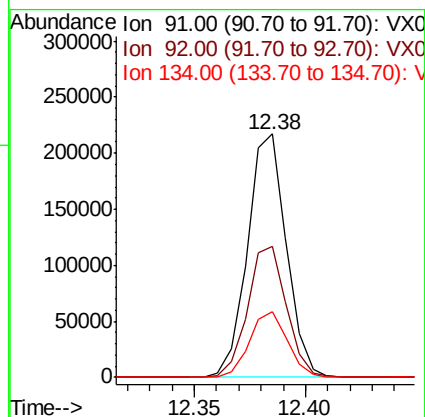
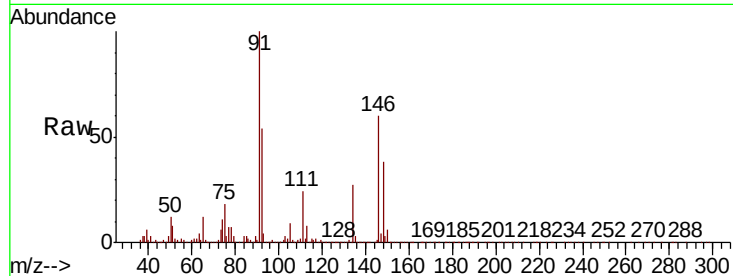




#85
n-Butylbenzene
Concen: 19.985 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

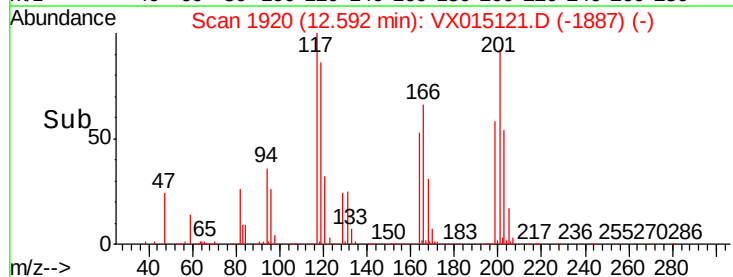
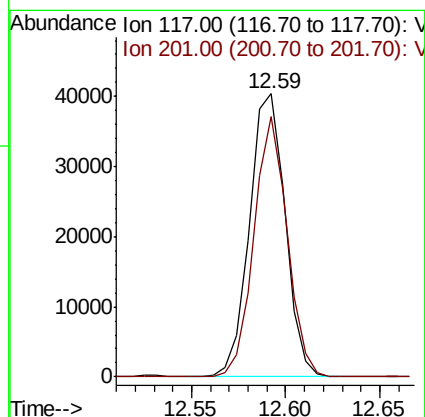
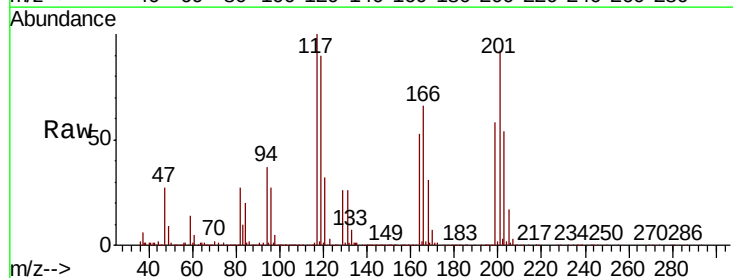
Instrument :
MSVOA_X
ClientSampled :

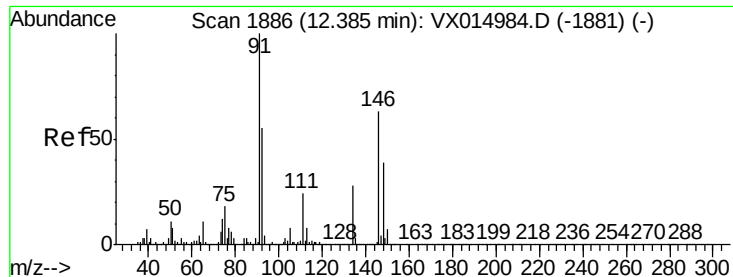
Tot Ion: 91 Resp: 263559
Ion Ratio Lower Upper
91 100
92 53.9 0.0 109.8
134 26.5 0.0 54.8



#86
Hexachloroethane
Concen: 19.284 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 117 Resp: 52825
Ion Ratio Lower Upper
117 100
201 85.9 45.6 136.7

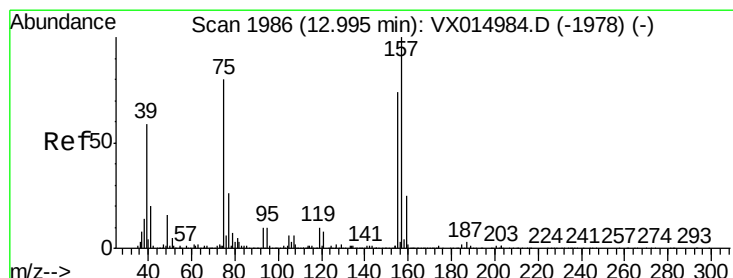
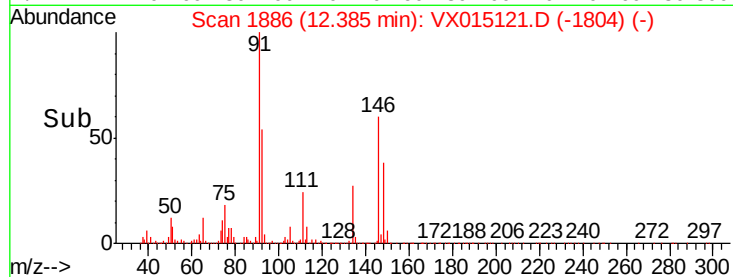
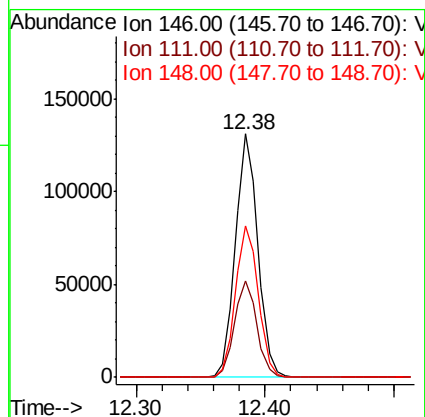
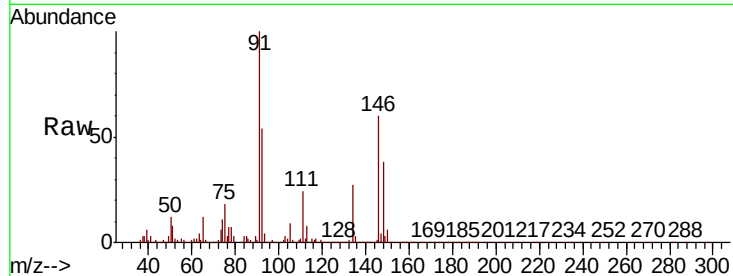




#87
 1,2-Dichlorobenzene
 Concen: 20.244 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

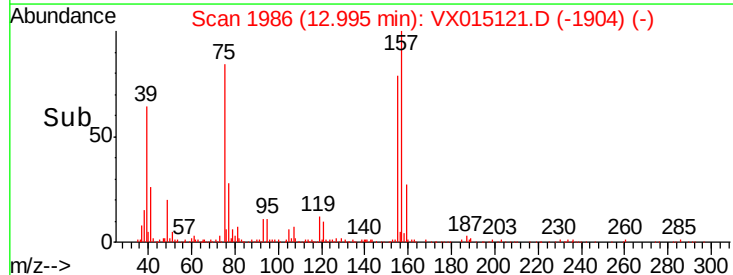
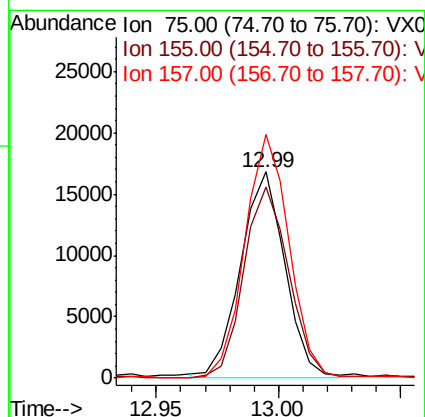
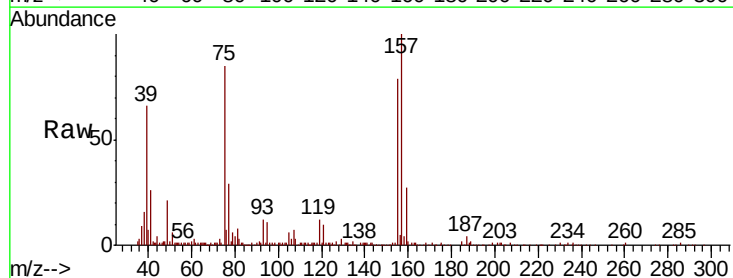
Instrument :
 MSVOA_X
 ClientSampleId :

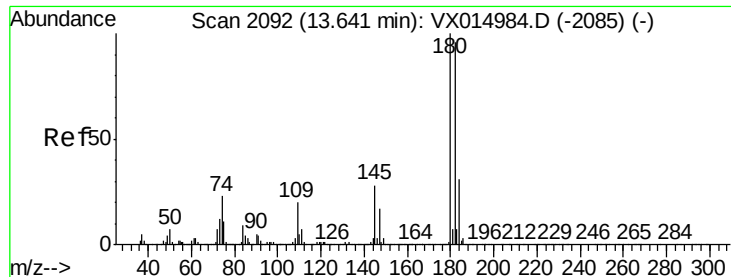
Tot Ion:146 Resp: 160533
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 62.9 32.0 96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.900 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion: 75 Resp: 21117
 Ion Ratio Lower Upper
 75 100
 155 94.9 74.5 111.7
 157 118.0 96.2 144.4

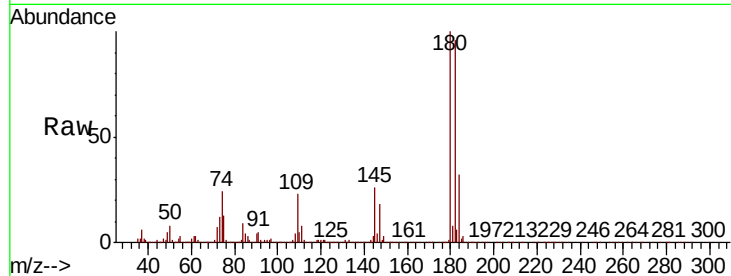




#89
 1,2,4-Trichlorobenzene
 Concen: 19.317 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	28.1	21.8	32.6

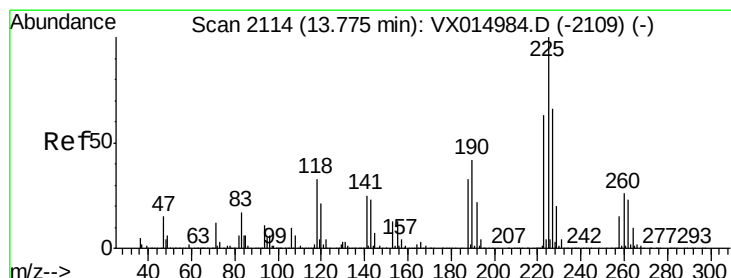
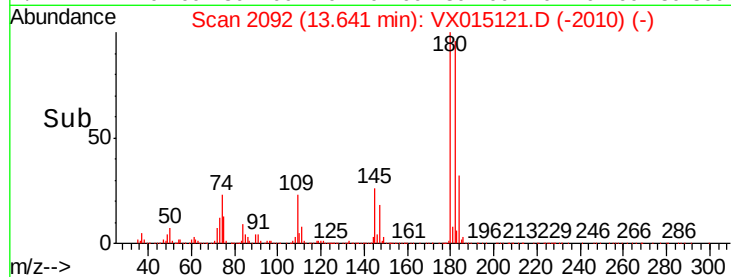
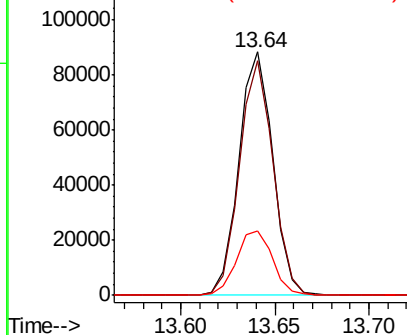


Abundance

Ion 180.00 (179.70 to 180.70): V

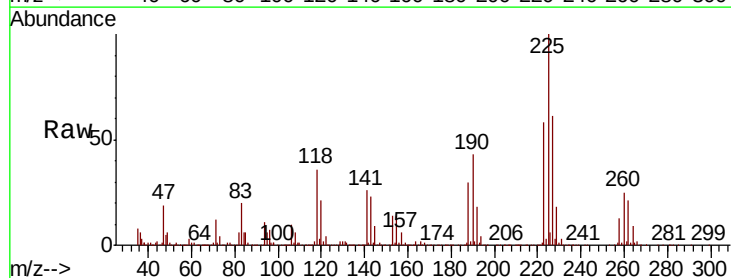
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 20.186 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	132.0
227	61.2	0.0	131.0

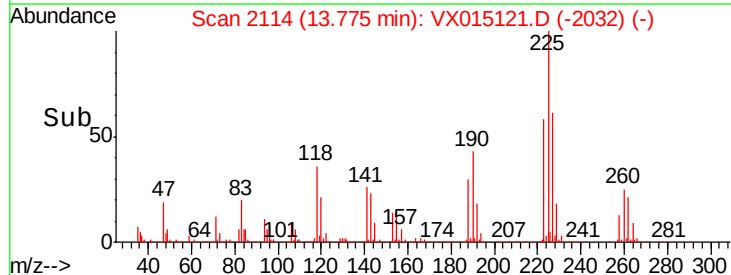
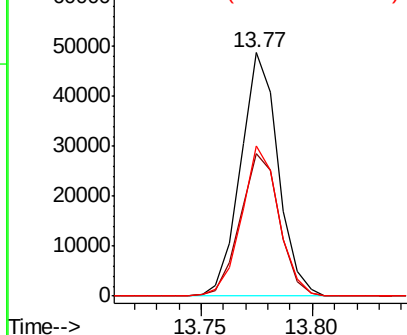


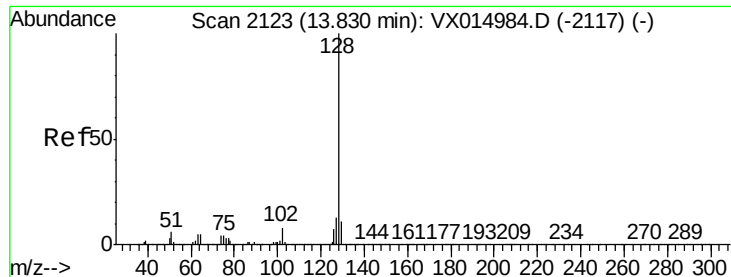
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

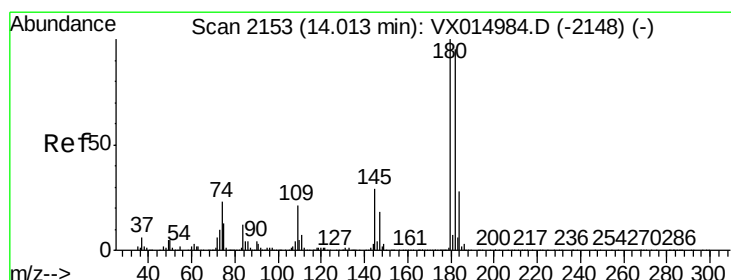
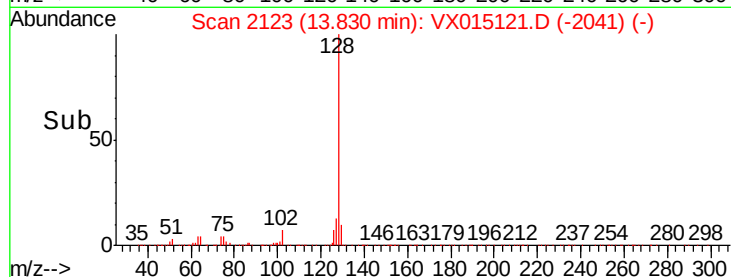
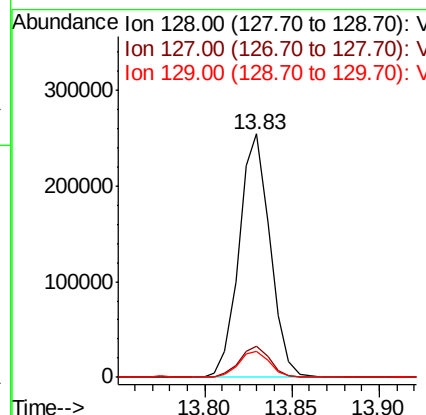
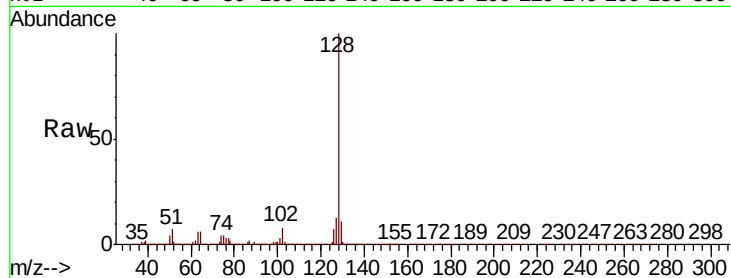




#91
Naphthalene
Concen: 19.365 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 312642
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.940 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion:180 Resp: 112895
Ion Ratio Lower Upper
180 100
182 95.1 0.0 192.4
145 29.6 0.0 60.4

