

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015124.D
 Acq On : 06 Mar 2020 14:09
 Operator : JC/SP
 Sample : L1161-07 5.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 06 23:14:04 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	5.01	128	60467	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	309168	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	286622	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	128203	30.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.63%
60) 4-Bromofluorobenzene	11.13	95	130688	29.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.60%
63) Toluene-d8	8.71	98	382794	30.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	14773	5.471	ug/l 97
3) Chloromethane	1.32	50	23155	6.632	ug/l 97
4) Vinyl Chloride	1.40	62	21171	5.634	ug/l 90
5) Bromomethane	1.64	94	13329	5.065	ug/l 90
6) Chloroethane	1.72	64	13405	5.326	ug/l 90
7) Trichlorofluoromethane	1.92	101	26824	4.905	ug/l 99
8) Diethyl Ether	2.18	74	11084	4.818	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	17858	5.648	ug/l 95
10) 1,1-Dichloroethene	2.37	96	18241	5.739	ug/l 97
11) Methyl Iodide	2.50	142	12634	3.271	ug/l 97
12) Methyl Acetate	2.77	43	23257	5.880	ug/l 98
13) Acrolein	2.28	56	16227	20.628	ug/l 94
14) Acrylonitrile	3.14	53	44827	25.094	ug/l 99
15) Acetone	2.43	58	12661	19.805	ug/l 92
16) Carbon Disulfide	2.56	76	44645	5.224	ug/l 99
17) Allyl chloride	2.72	41	28408	5.138	ug/l 95
18) Methylene Chloride	2.85	84	18943	5.172	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	17958	5.144	ug/l 97
20) Diisopropyl ether	3.84	45	59022	5.227	ug/l # 77
21) 1,1-Dichloroethane	3.69	63	32521	5.254	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	21326	5.338	ug/l 95
23) tert-Butyl Alcohol	3.03	59	20215	28.548	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	53142	5.025	ug/l 96
25) Chloroform	5.20	83	33081	5.299	ug/l 99
26) Cyclohexane	5.58	56	28516	5.154	ug/l # 94
29) 1,1-Dichloropropene	5.79	75	23900	5.465	ug/l 97
30) 2-Butanone	4.67	43	60339	23.905	ug/l 100
31) 2,2-Dichloropropane	4.58	77	25925	5.399	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	27879	5.614	ug/l 95
33) Carbon Tetrachloride	5.78	117	23054	5.303	ug/l 89
34) Benzene	6.14	78	72802	5.517	ug/l 96
35) Methacrylonitrile	5.03	41	10540	4.094	ug/l 90
36) 1,2-Dichloroethane	6.19	62	26350	5.642	ug/l 98
37) Trichloroethene	7.21	130	20602	5.561	ug/l 95
38) Methylcyclohexane	7.46	83	27283	5.033	ug/l 98
39) 1,2-Dichloropropane	7.51	63	19720	5.806	ug/l 96
40) Dibromomethane	7.65	93	13028	5.744	ug/l 97

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 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	22826	5.095	ug/l	97
42) Vinyl Acetate	3.81	43	233369	26.267	ug/l	100
43) Ethyl Acetate	4.83	43	24187	5.296	ug/l	97
44) Isopropyl Acetate	6.44	43	39511	5.146	ug/l	98
45) 1,4-Dioxane	7.74	88	8415	118.618	ug/l #	91
46) Methyl methacrylate	7.76	41	18031	4.747	ug/l	98
47) n-amyl Acetate	10.89	43	29344	4.412	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	23648	4.758	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	27567	5.038	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	18934	5.603	ug/l	95
51) Ethyl methacrylate	9.17	69	24452	4.689	ug/l	95
52) 1,3-Dichloropropane	9.37	76	31051	5.432	ug/l	96
53) Dibromochloromethane	9.57	129	18132	4.963	ug/l	99
54) 1,2-Dibromoethane	9.67	107	19109	5.327	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	66957	24.102	ug/l	99
56) Bromoform	10.85	173	12927	4.514	ug/l	94
58) 4-Methyl-2-Pentanone	8.64	43	120411	25.634	ug/l	98
59) 2-Hexanone	9.48	43	85487	23.292	ug/l	99
61) Tetrachloroethene	9.33	164	20026	5.202	ug/l	92
62) Toluene	8.78	91	79093	5.387	ug/l	99
64) Chlorobenzene	10.14	112	49051	5.234	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	17140	4.938	ug/l	97
66) Ethyl Benzene	10.25	91	80421	4.973	ug/l	99
67) m/p-Xylenes	10.36	106	62885	10.084	ug/l	97
68) o-Xylene	10.70	106	29511	4.891	ug/l	98
69) Styrene	10.71	104	48165	4.674	ug/l	99
70) Isopropylbenzene	11.01	105	78463	4.895	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	26868	5.206	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	28378	6.629	ug/l	89
73) Bromobenzene	11.25	156	22139	5.112	ug/l	96
74) n-propylbenzene	11.35	91	90480	4.960	ug/l	98
75) 2-Chlorotoluene	11.42	91	55048	5.106	ug/l	96
76) 1,3,5-Trimethylbenzene	11.50	105	65282	4.860	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	6681	3.871	ug/l	82
78) 4-Chlorotoluene	11.51	91	62286	4.995	ug/l	99
79) tert-butylbenzene	11.77	119	62307	4.801	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	63887	4.784	ug/l	98
81) sec-Butylbenzene	11.94	105	73663	4.740	ug/l	98
82) p-Isopropyltoluene	12.06	119	68294	4.730	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	38146	5.025	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	39499	5.167	ug/l	97
85) n-Butylbenzene	12.39	91	57027	4.539	ug/l	96
86) Hexachloroethane	12.59	117	12302	4.714	ug/l	88
87) 1,2-Dichlorobenzene	12.39	146	38733	5.127	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	4640	4.128	ug/l	89
89) 1,2,4-Trichlorobenzene	13.64	180	24845	4.573	ug/l	98
90) Hexachlorobutadiene	13.78	225	13152	4.875	ug/l	93
91) Naphthalene	13.83	128	64137	4.170	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	25192	4.671	ug/l	100

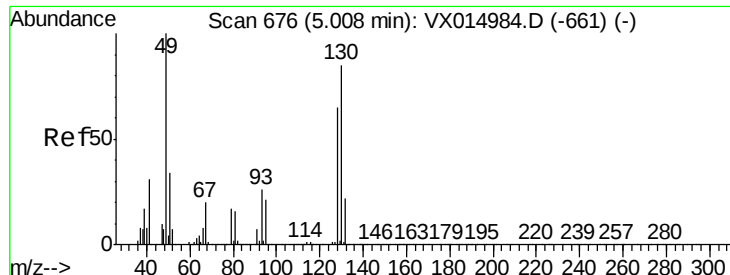
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QLast Update : Sat Feb 22 00:37:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :

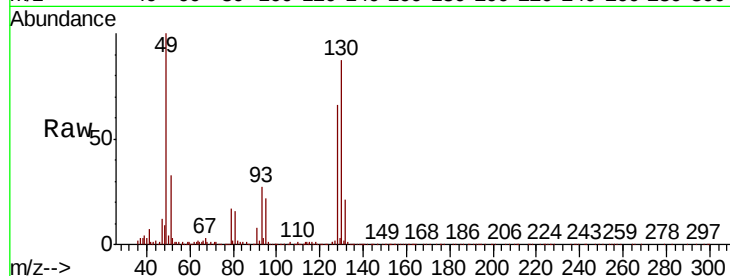
Tot Ion:128 Resp: 60467

Ion Ratio Lower Upper

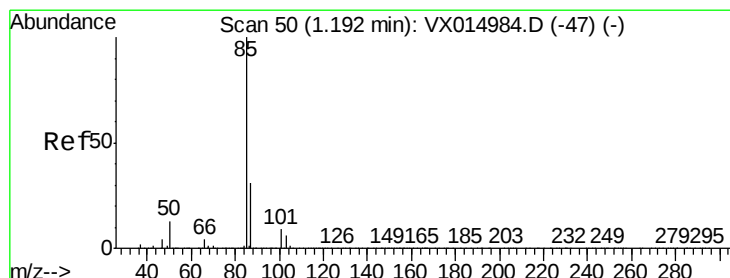
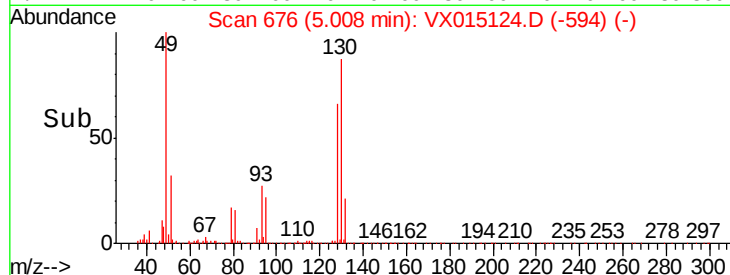
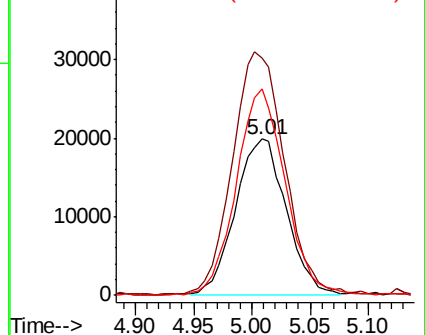
128 100

49 156.4 0.0 384.7

130 127.6 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: 5.471 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015124.D

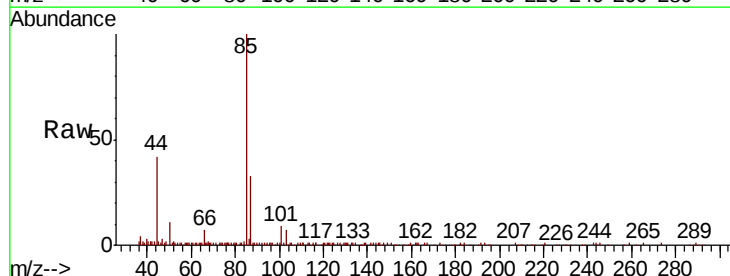
Acq: 06 Mar 2020 14:09

Tgt Ion: 85 Resp: 14773

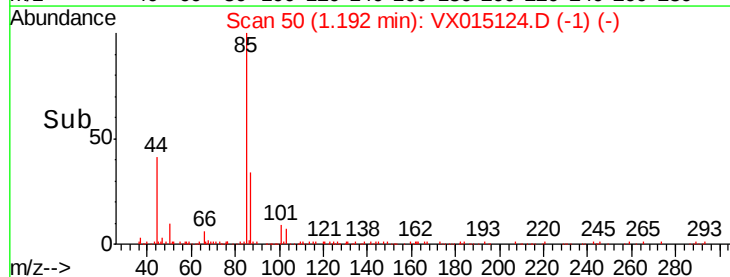
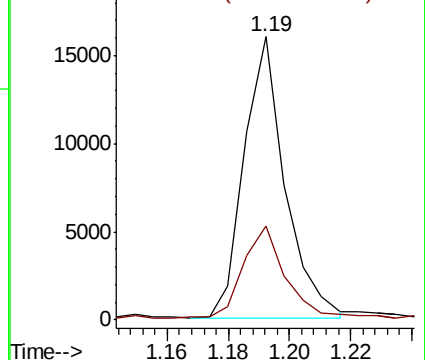
Ion Ratio Lower Upper

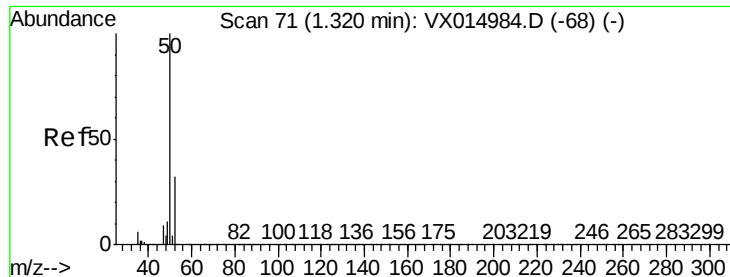
85 100

87 32.2 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

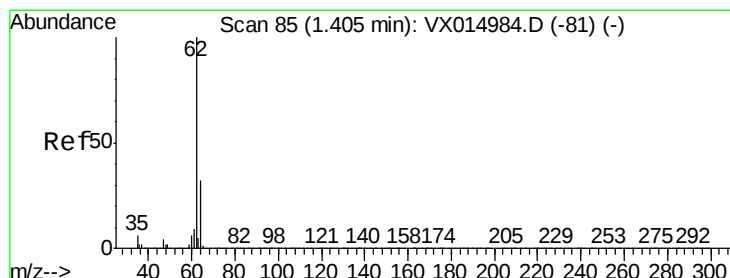
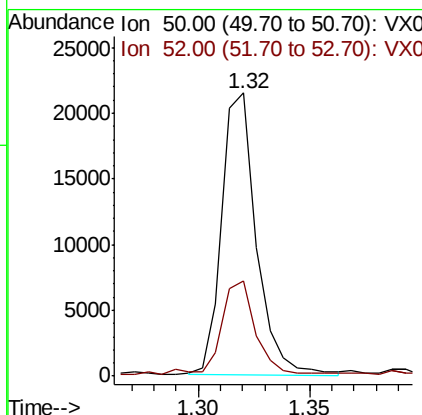
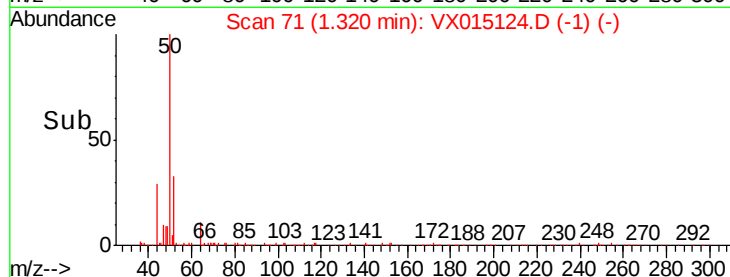
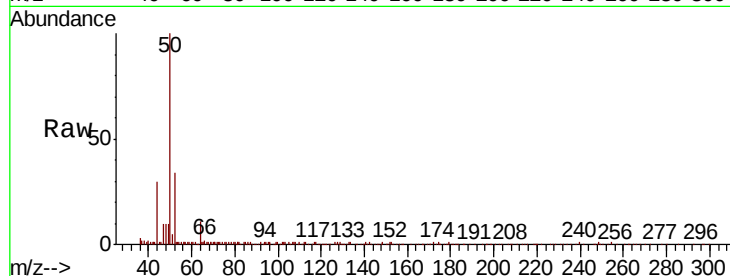




#3
Chloromethane
Concen: 6.632 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

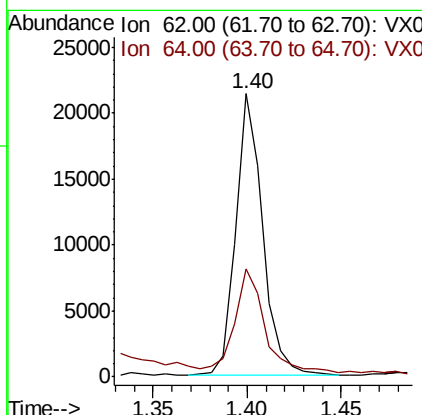
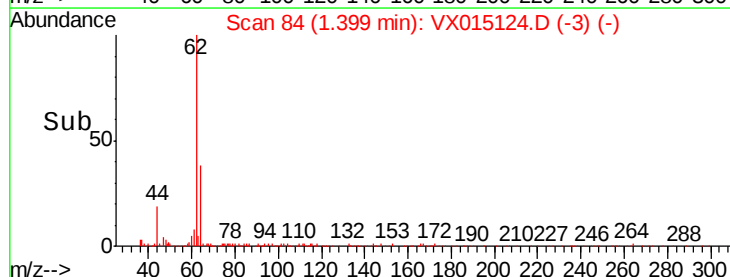
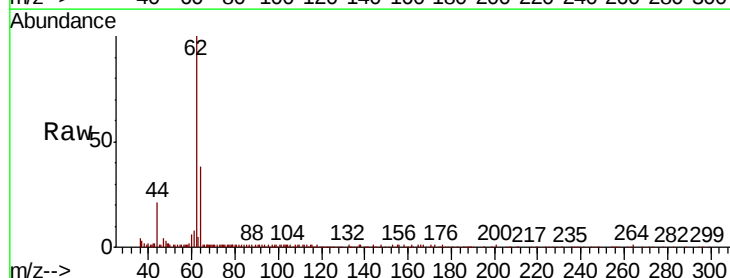
Instrument :
MSVOA_X
ClientSampleId :

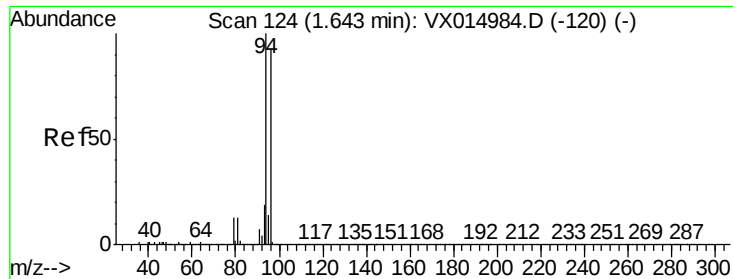
Tot Ion: 50 Resp: 23155
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0



#4
Vinyl Chloride
Concen: 5.634 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 62 Resp: 21171
Ion Ratio Lower Upper
62 100
64 37.2 25.4 38.0





#5

Bromomethane

Concen: 5.065 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

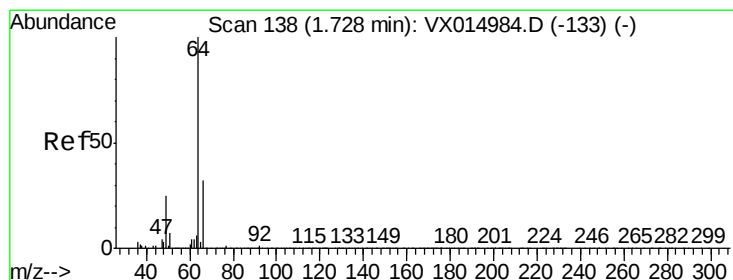
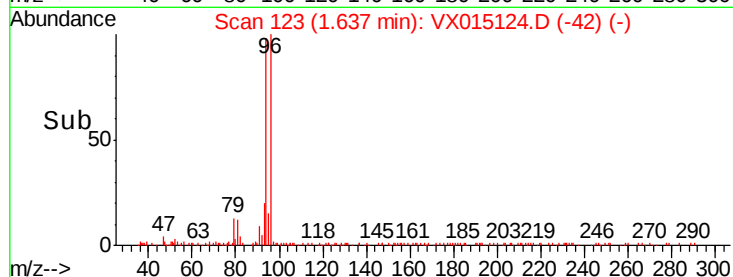
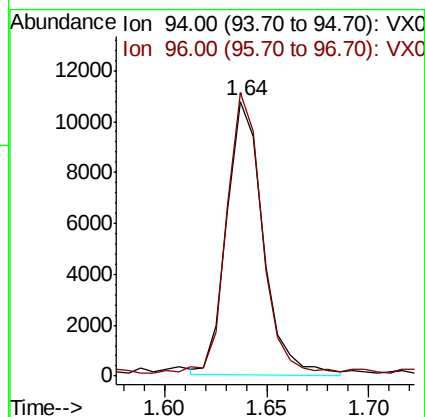
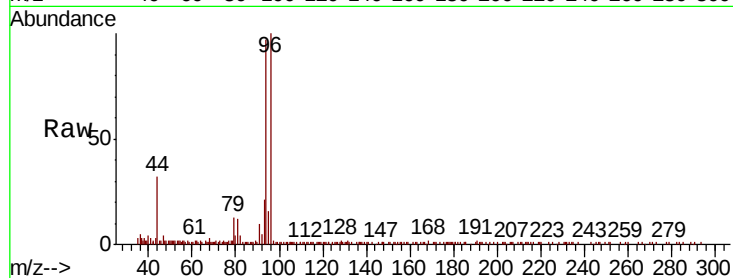
ClientSampleId :

Tot Ion: 94 Resp: 13329

Ion Ratio Lower Upper

94 100

96 103.3 74.6 112.0



#6

Chloroethane

Concen: 5.326 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015124.D

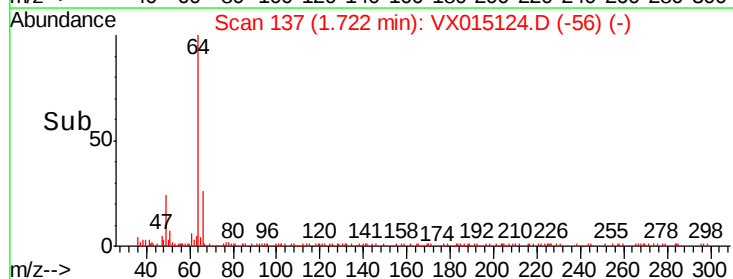
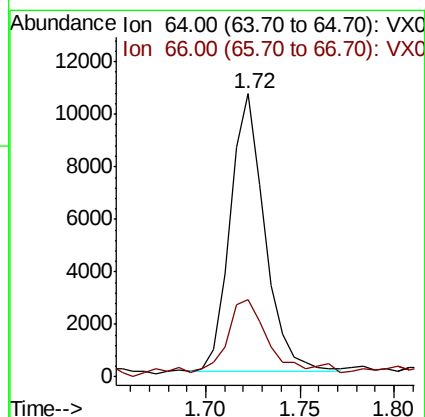
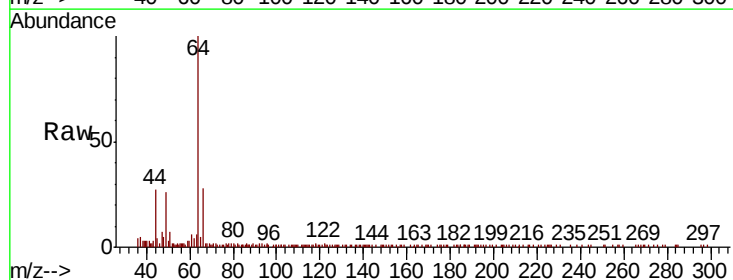
Acq: 06 Mar 2020 14:09

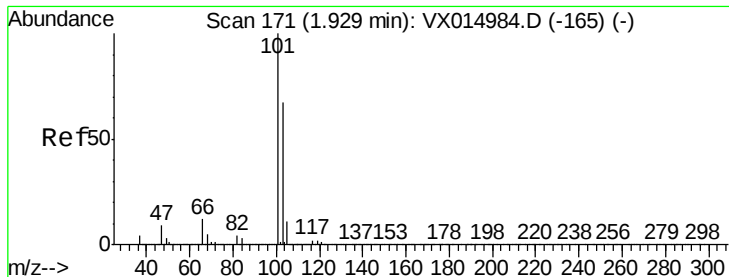
Tgt Ion: 64 Resp: 13405

Ion Ratio Lower Upper

64 100

66 26.8 25.8 38.6



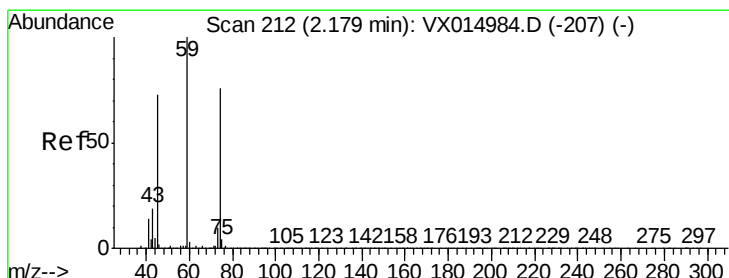
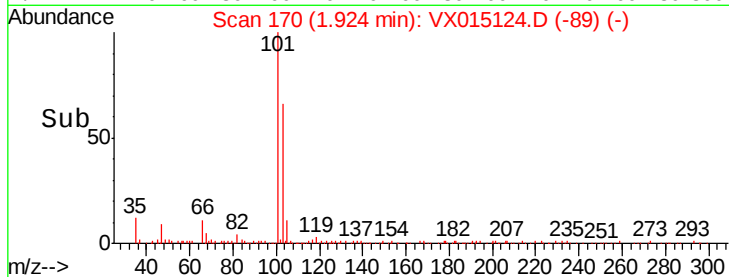
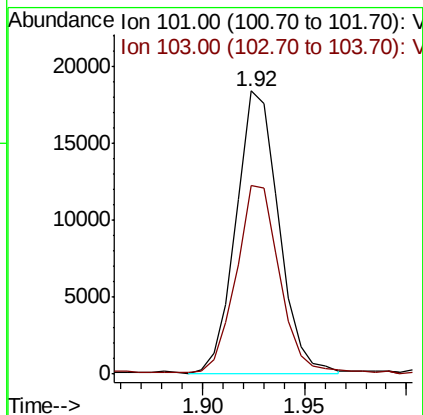
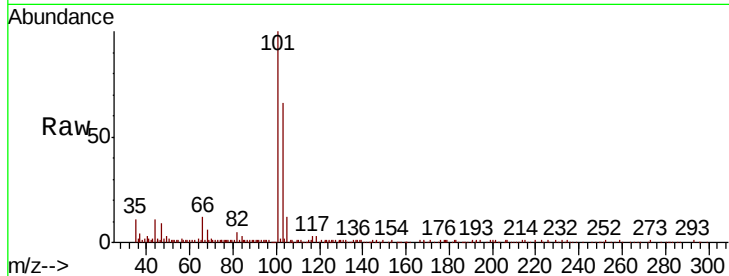


#7

Trichlorofluoromethane
Concen: 4.905 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :

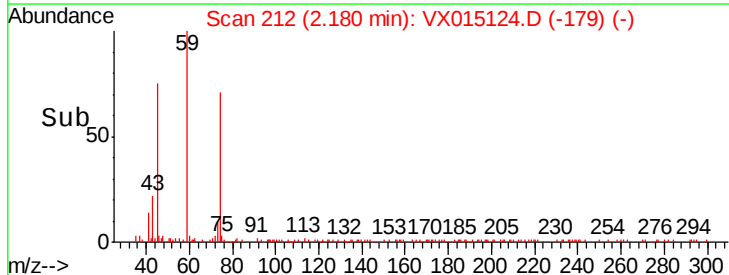
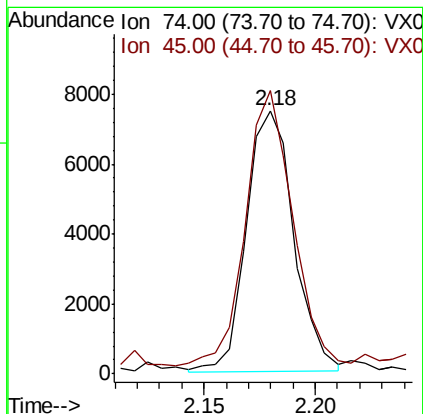
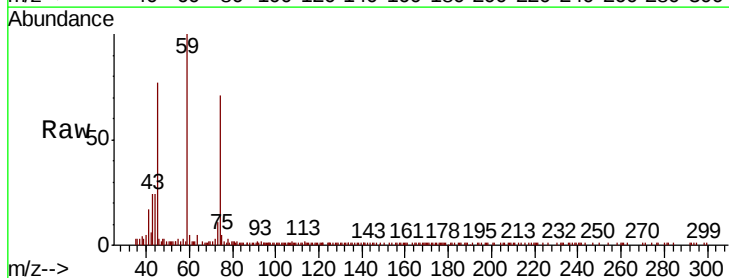
Tot Ion:101 Resp: 26824
Ion Ratio Lower Upper
101 100
103 65.9 53.4 80.2

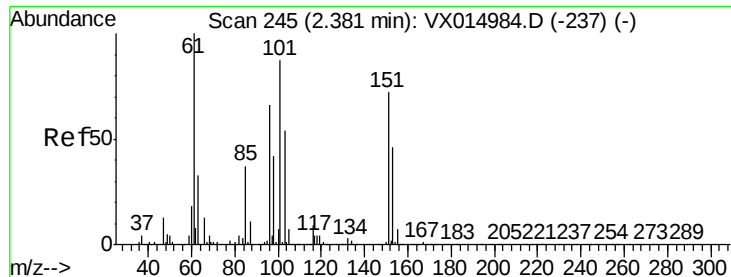


#8

Diethyl Ether
Concen: 4.818 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 74 Resp: 11084
Ion Ratio Lower Upper
74 100
45 104.8 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.648 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

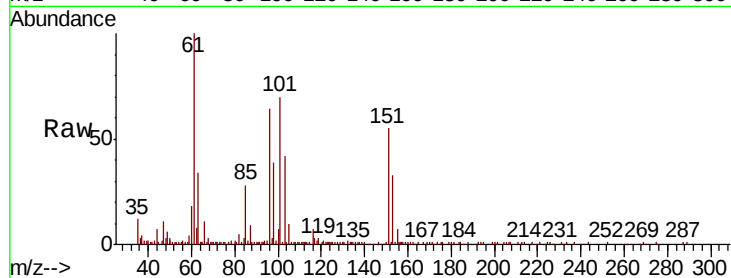
Tot Ion:101 Resp: 17858

Ion Ratio Lower Upper

101 100

85 45.3 0.0 86.6

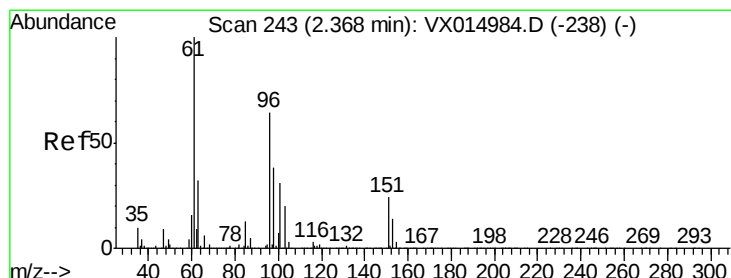
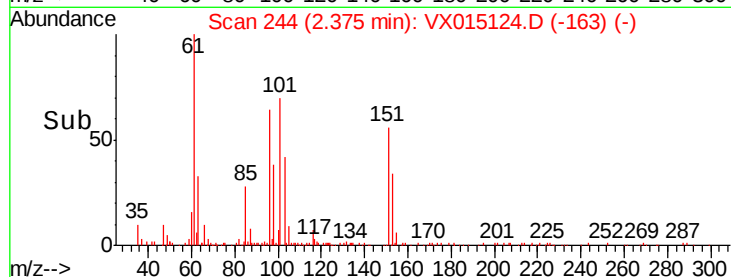
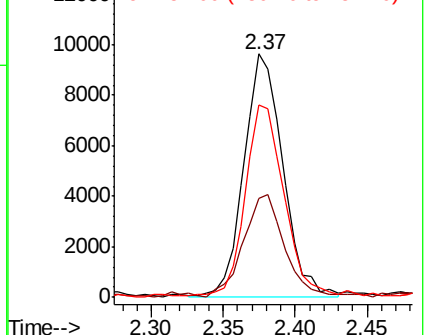
151 78.5 0.0 167.4



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: 5.739 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

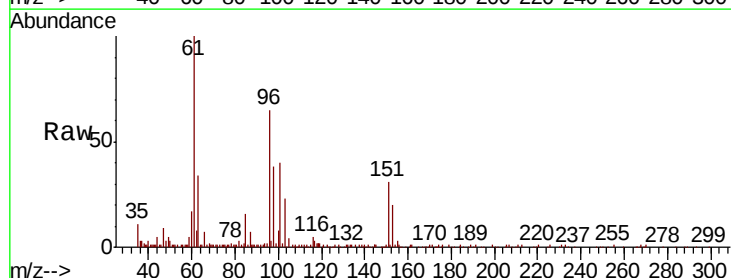
Tgt Ion: 96 Resp: 18241

Ion Ratio Lower Upper

96 100

61 153.5 126.1 189.1

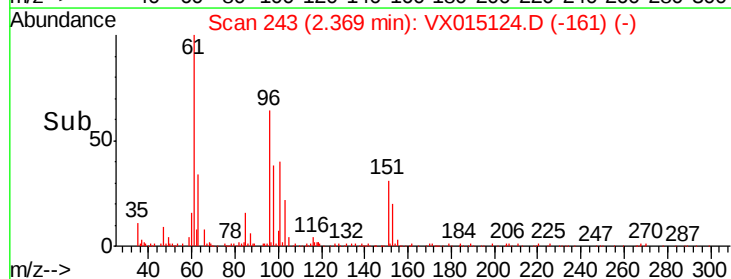
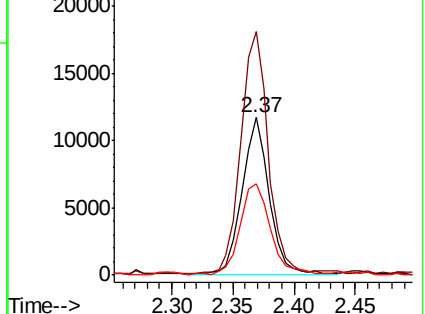
98 57.7 48.2 72.2

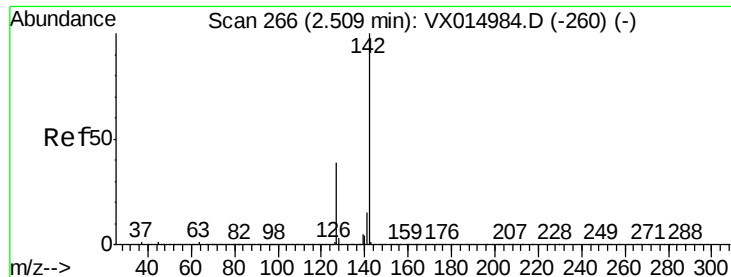


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

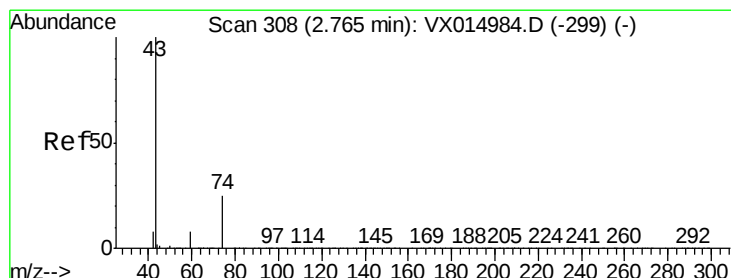
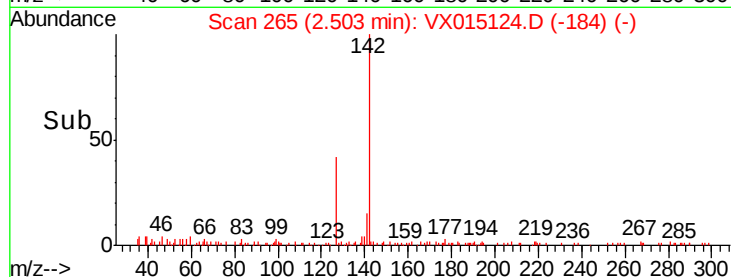
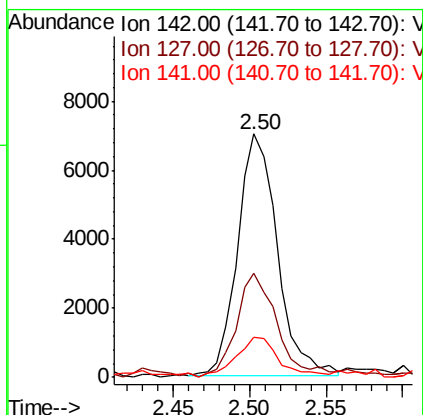
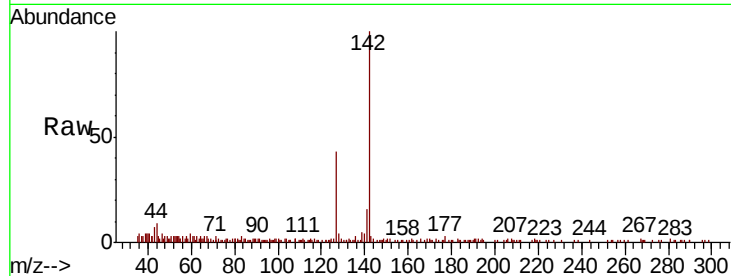




#11
Methyl Iodide
Concen: 3.271 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

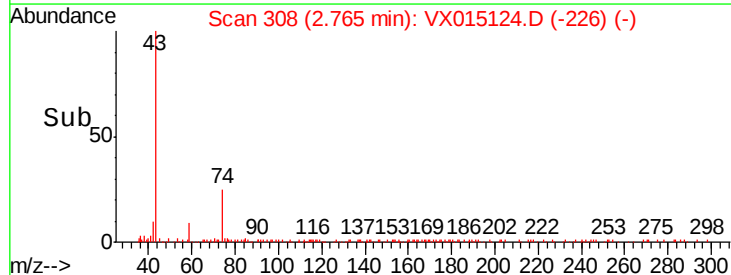
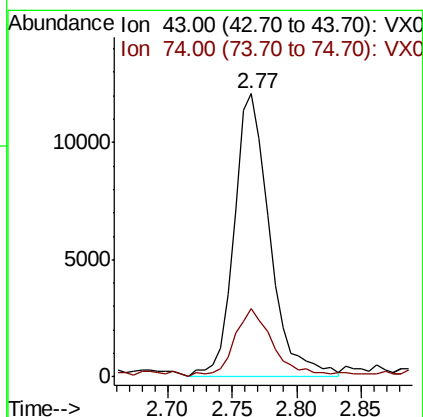
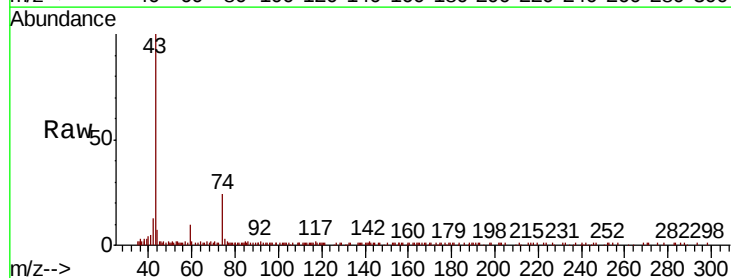
Instrument :
MSVOA_X
ClientSampleId :

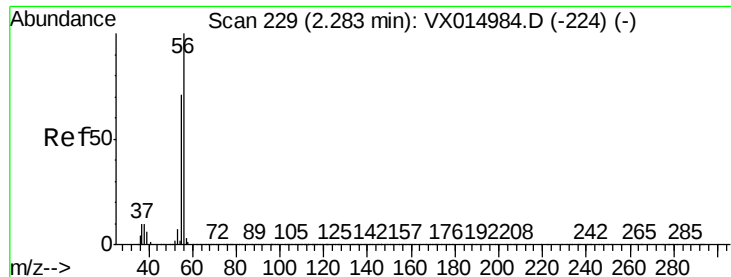
Tot Ion:142 Resp: 12634
Ion Ratio Lower Upper
142 100
127 41.4 19.7 59.0
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 5.880 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 43 Resp: 23257
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8





#13

Acrolein

Concen: 20.628 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

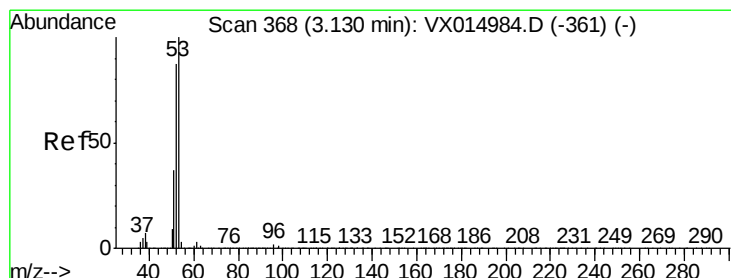
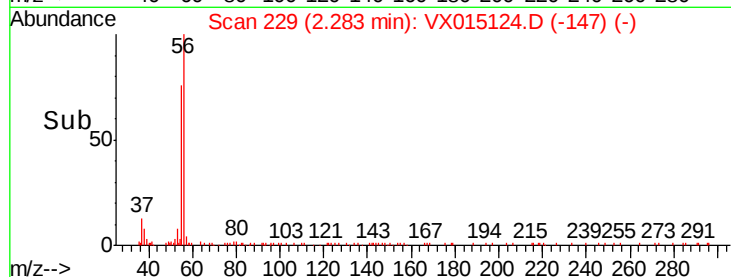
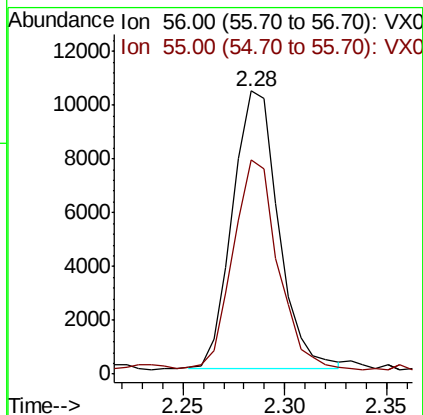
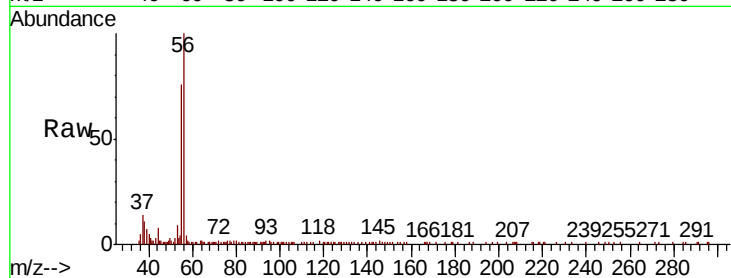
ClientSampleId :

Tot Ion: 56 Resp: 16227

Ion Ratio Lower Upper

56 100

55 74.8 56.2 84.2



#14

Acrylonitrile

Concen: 25.094 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

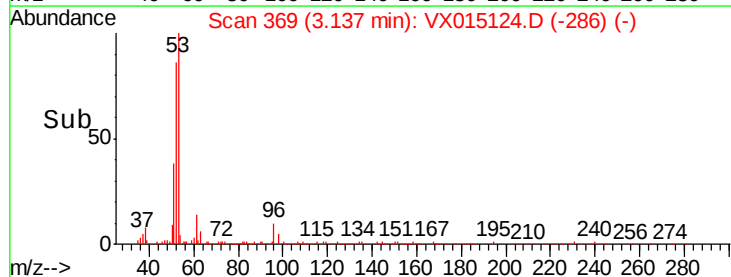
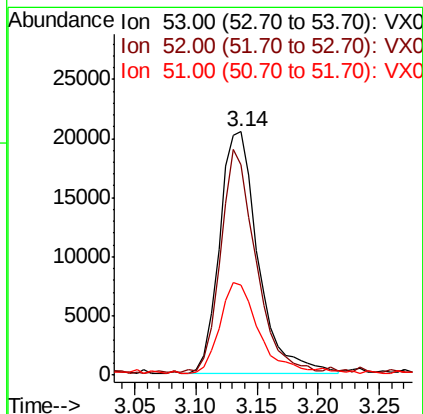
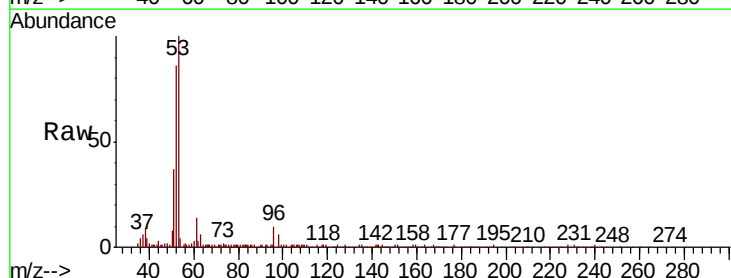
Tgt Ion: 53 Resp: 44827

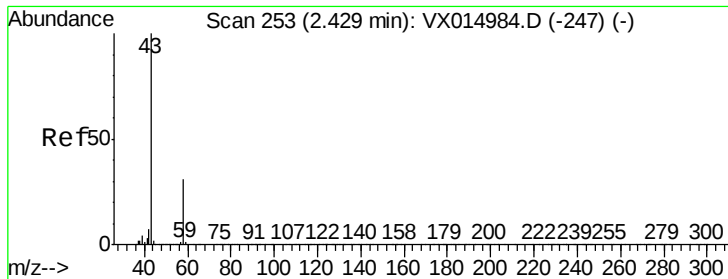
Ion Ratio Lower Upper

53 100

52 84.4 41.5 124.6

51 37.1 18.1 54.4





#15

Acetone

Concen: 19.805 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

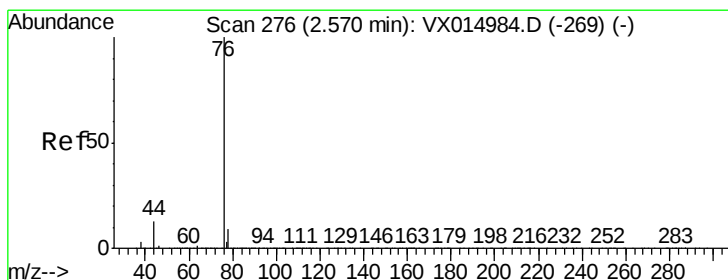
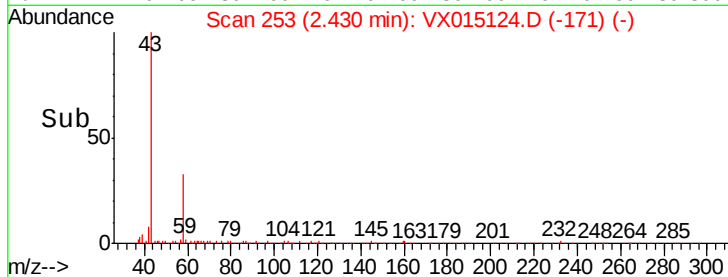
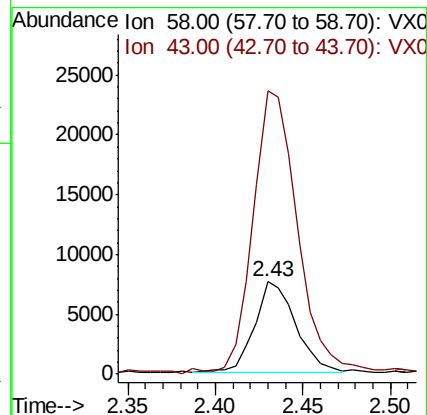
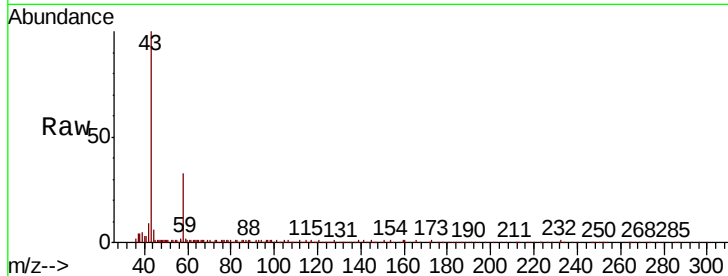
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 12661

Ion Ratio Lower Upper

58 100

43 306.6 257.7 386.5



#16

Carbon Disulfide

Concen: 5.224 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015124.D

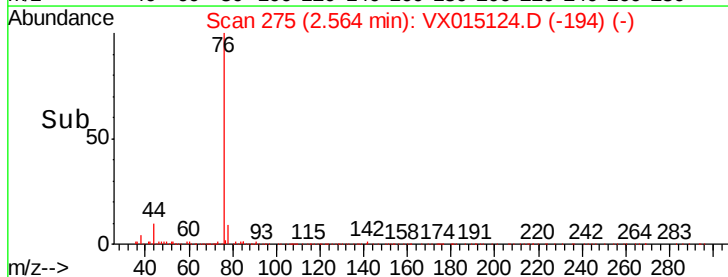
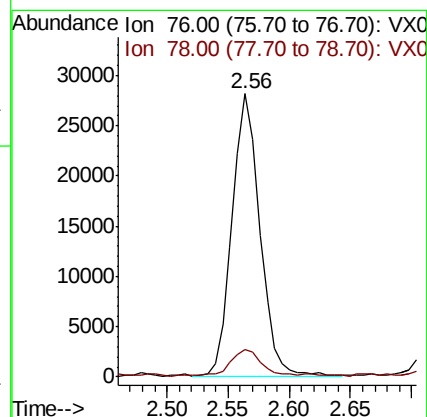
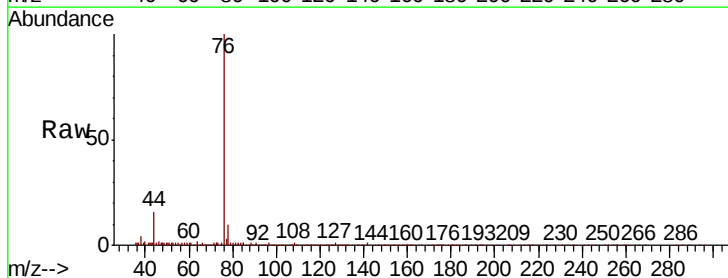
Acq: 06 Mar 2020 14:09

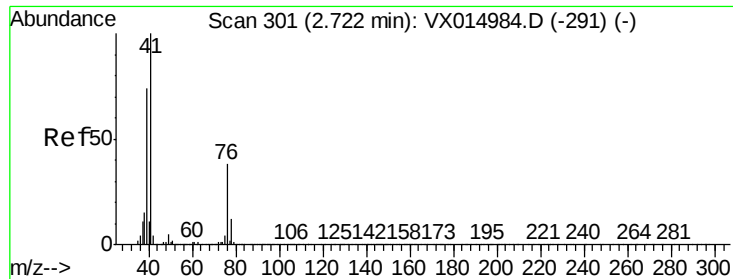
Tgt Ion: 76 Resp: 44645

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

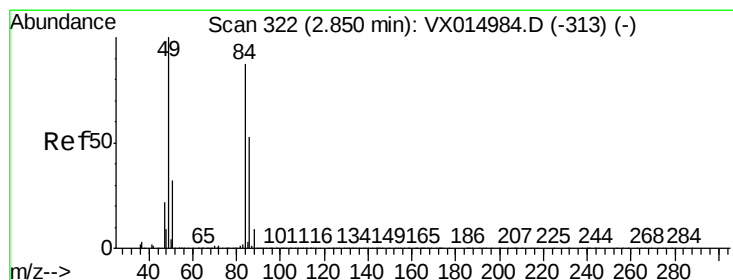
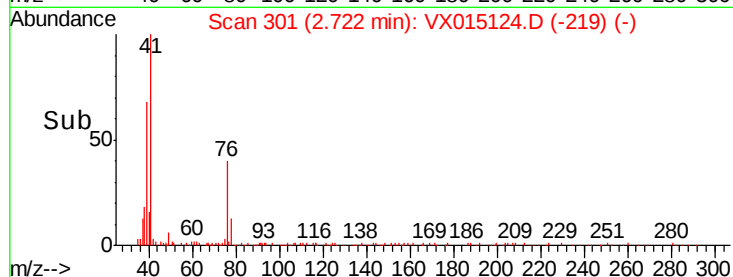
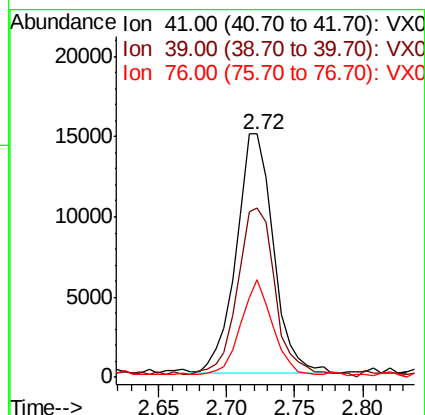
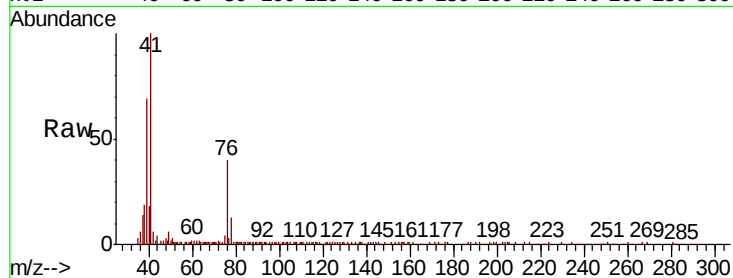




#17
Allvl chloride
Concen: 5.138 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

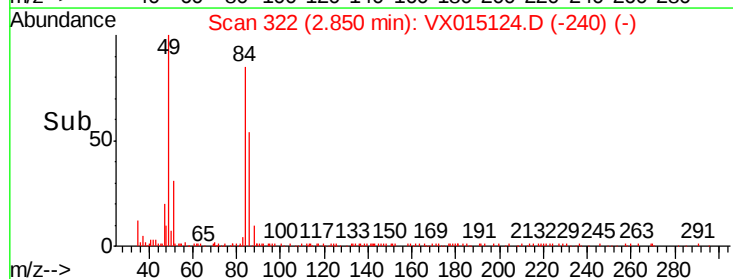
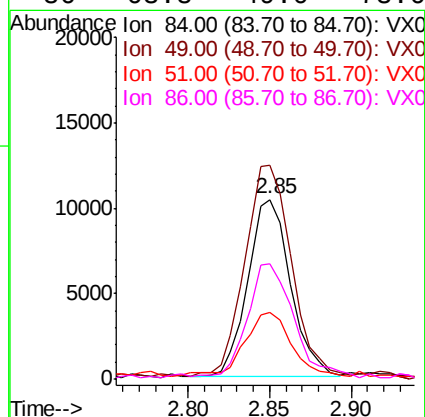
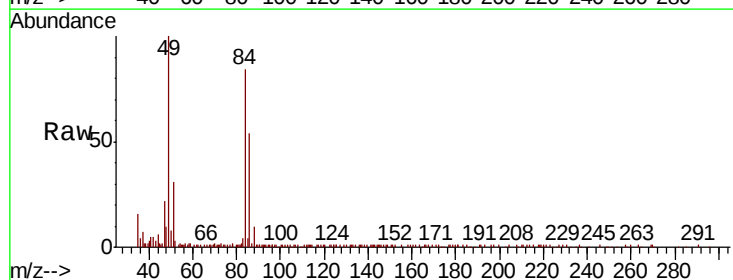
Instrument :
MSVOA_X
ClientSampleId :

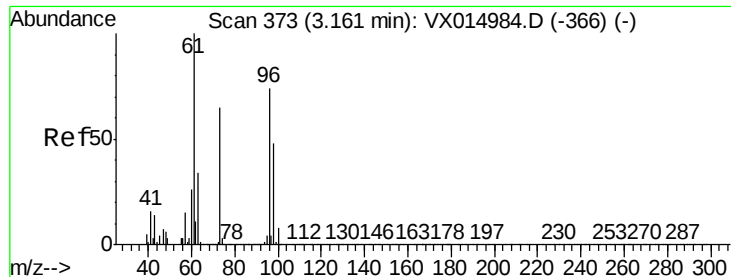
Tot Ion: 41 Resp: 28408
Ion Ratio Lower Upper
41 100
39 69.3 37.1 111.5
76 40.1 18.8 56.4



#18
Methylene Chloride
Concen: 5.172 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 84 Resp: 18943
Ion Ratio Lower Upper
84 100
49 119.2 92.2 138.2
51 35.6 29.7 44.5
86 63.8 49.0 73.6

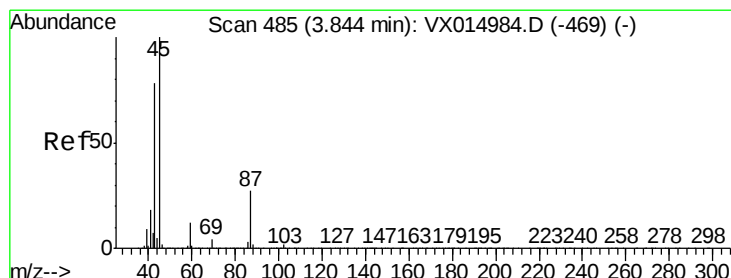
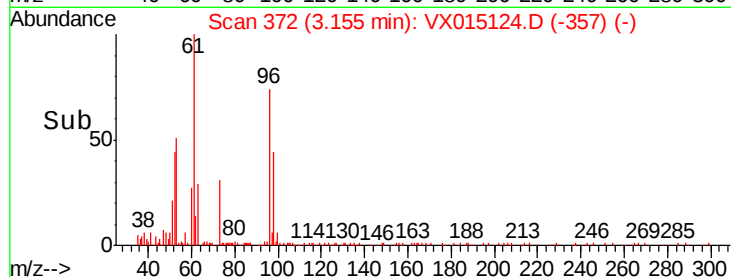
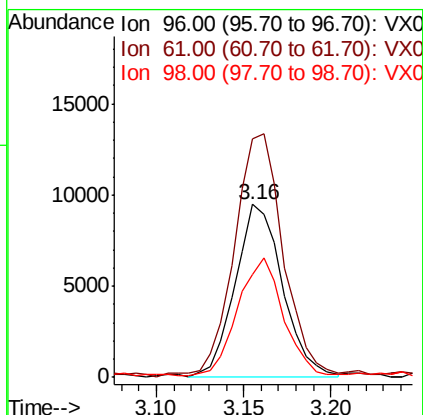
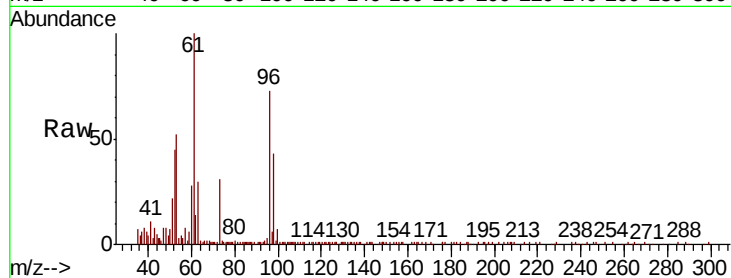




#19
trans-1,2-Dichloroethene
Concen: 5.144 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

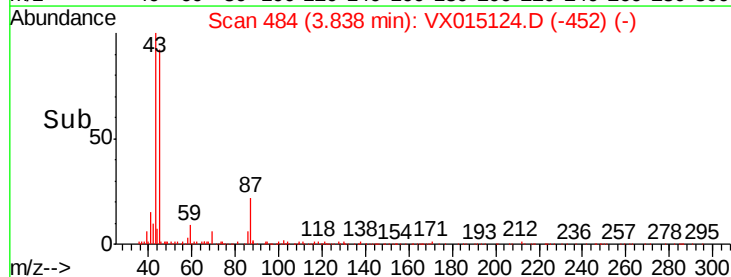
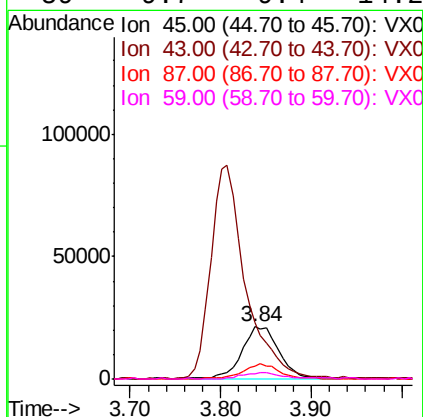
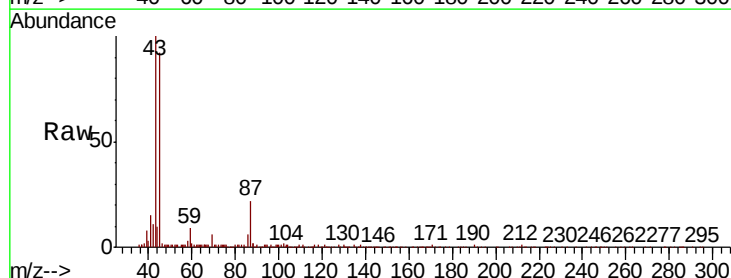
Instrument :
MSVOA_X
ClientSampleId :

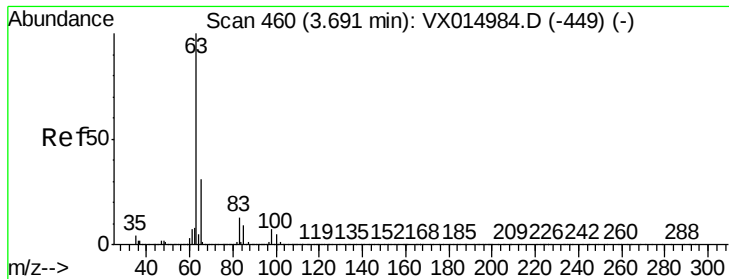
Tot Ion: 96 Resp: 17958
Ion Ratio Lower Upper
96 100
61 135.8 107.1 160.7
98 59.0 51.4 77.2



#20
Diisopropyl ether
Concen: 5.227 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 45 Resp: 59022
Ion Ratio Lower Upper
45 100
43 106.1 62.3 93.5#
87 24.4 21.8 32.6
59 9.7 9.4 14.2





#21

1,1-Dichloroethane

Concen: 5.254 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

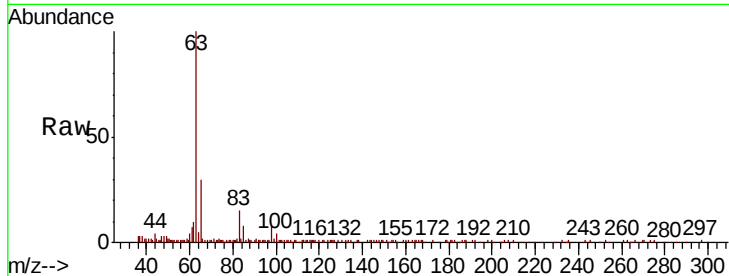
Tot Ion: 63 Resp: 32521

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

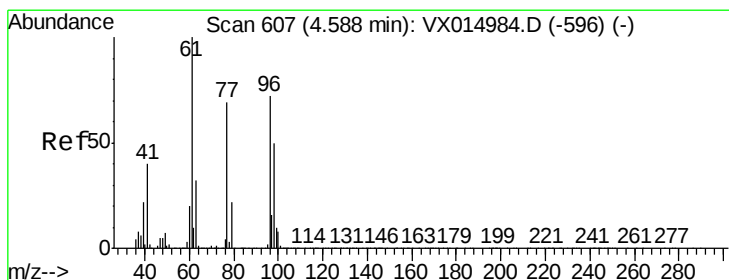
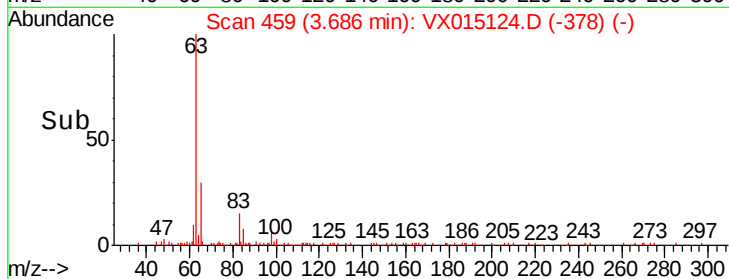
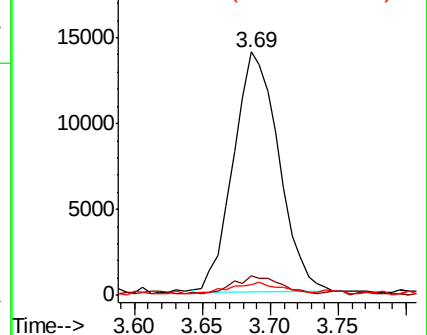
100 3.8 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 5.338 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

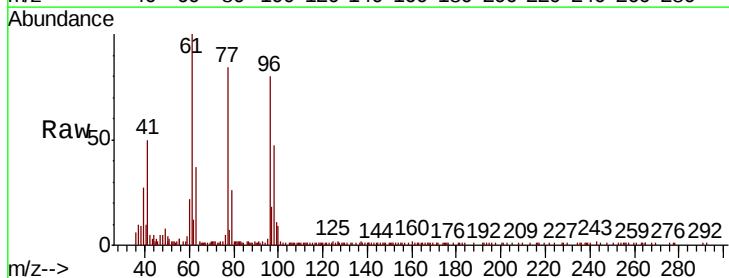
Tgt Ion: 96 Resp: 21326

Ion Ratio Lower Upper

96 100

61 129.7 110.6 165.8

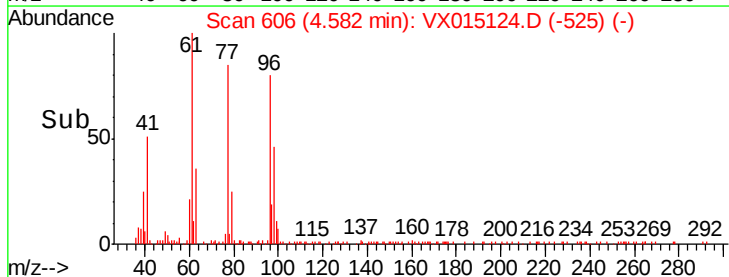
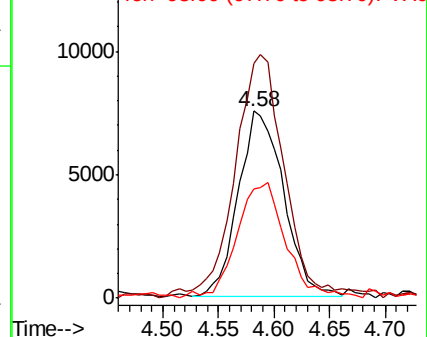
98 64.3 50.4 75.6

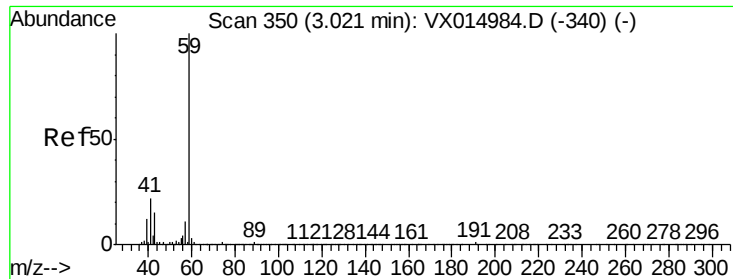


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



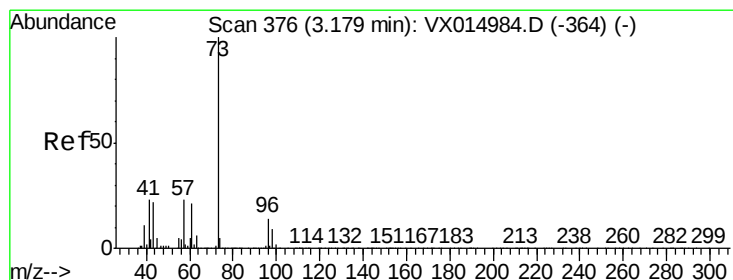
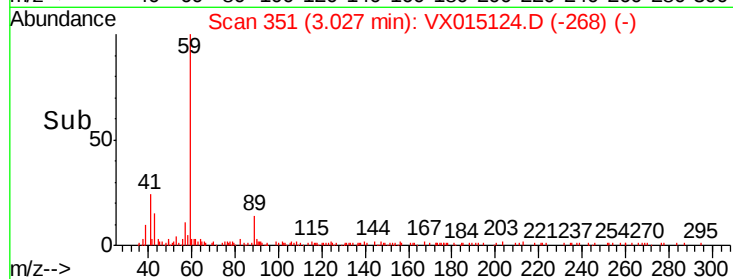
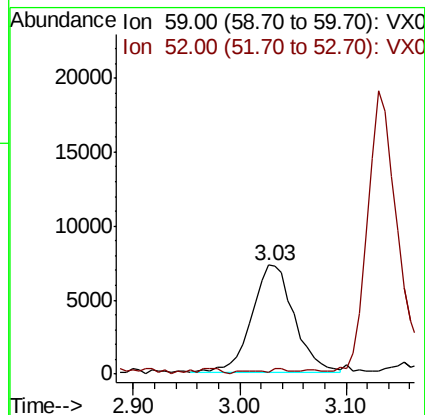
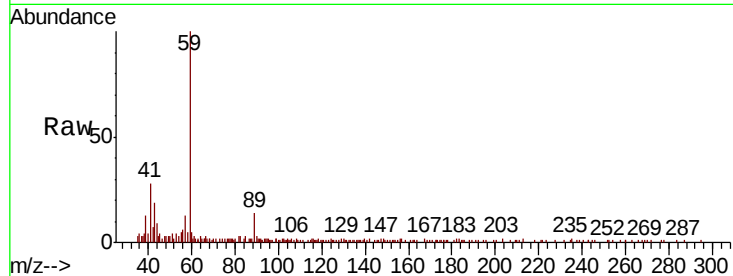


#23

tert-Butyl Alcohol
 Concen: 28.548 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampleId :

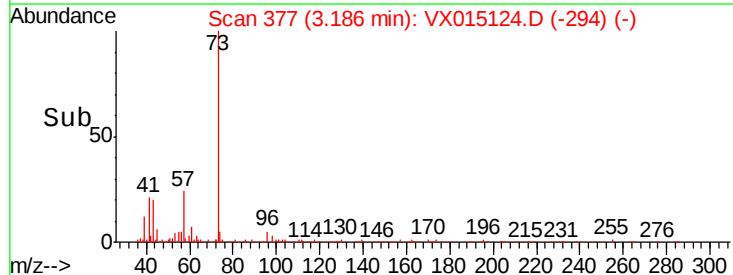
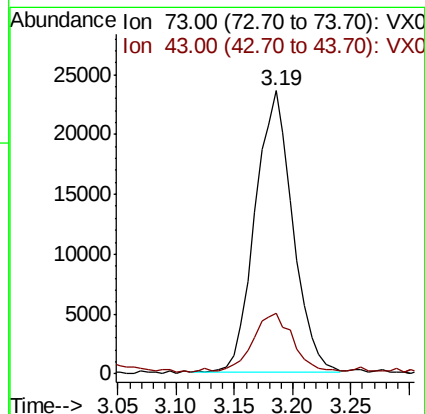
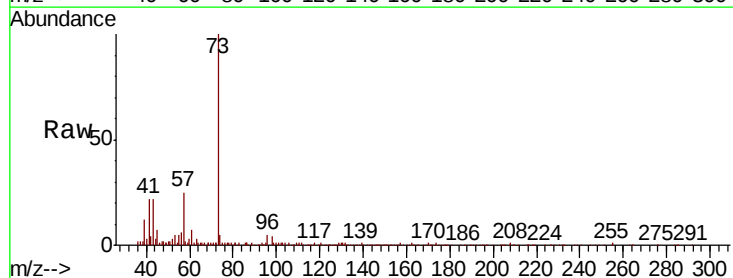
Tot Ion: 59 Resp: 20215
 Ion Ratio Lower Upper
 59 100
 52 1.0 0.4 0.6#

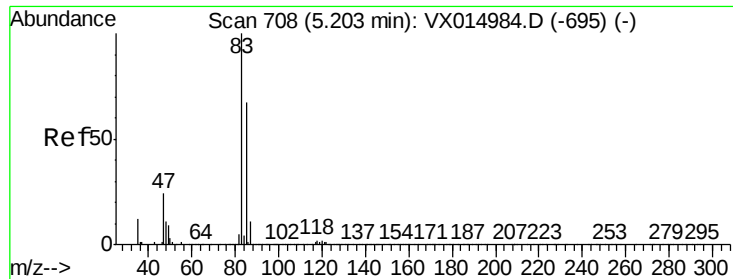


#24

Methyl tert-Butyl Ether
 Concen: 5.025 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Tgt Ion: 73 Resp: 53142
 Ion Ratio Lower Upper
 73 100
 43 24.2 17.7 26.5

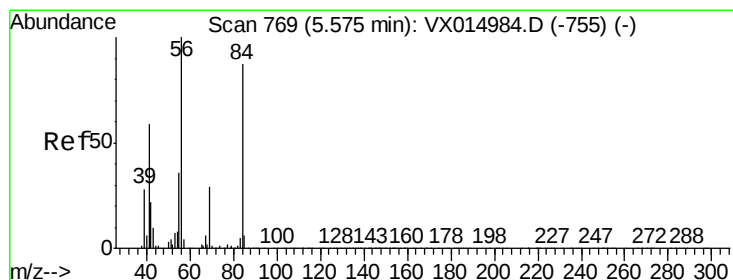
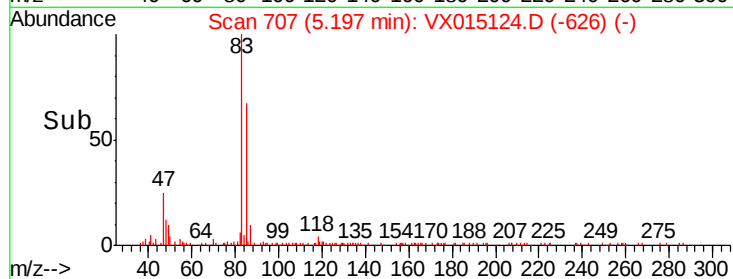
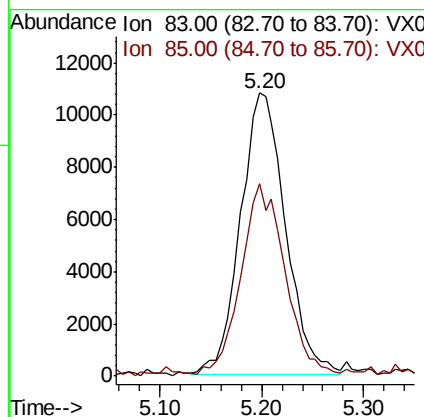
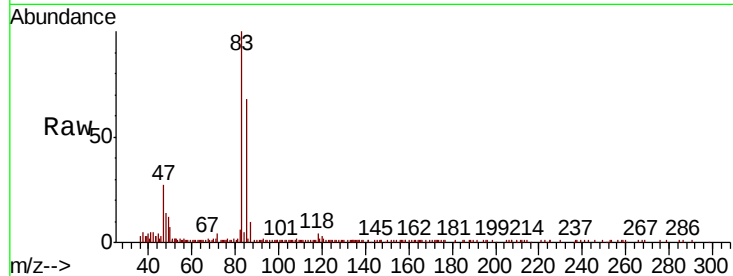




#25
Chloroform
Concen: 5.299 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

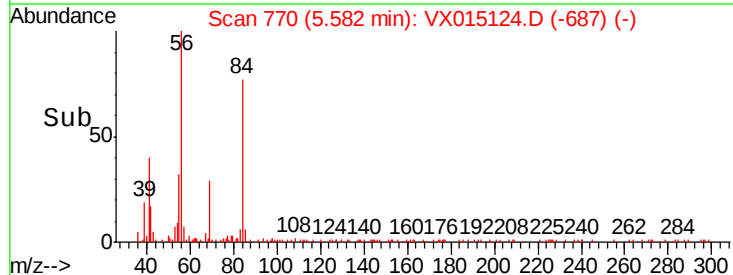
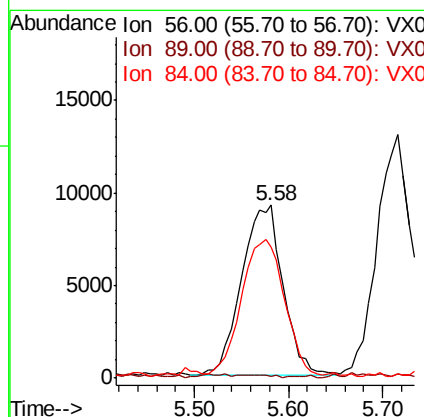
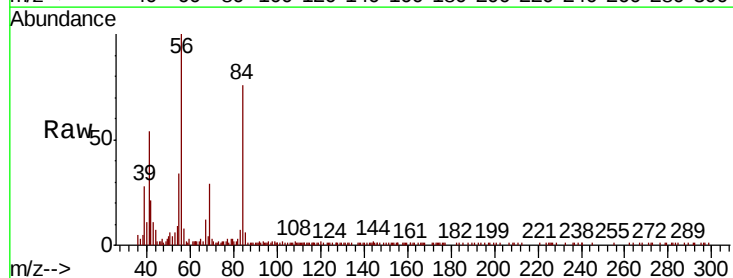
Instrument :
MSVOA_X
ClientSampleId :

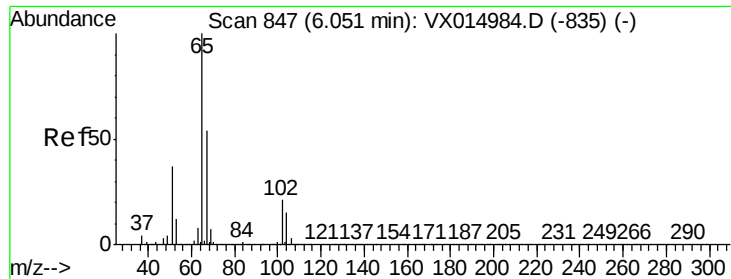
Tot Ion: 83 Resp: 33081
Ion Ratio Lower Upper
83 100
85 67.9 53.4 80.0



#26
Cyclohexane
Concen: 5.154 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 56 Resp: 28516
Ion Ratio Lower Upper
56 100
89 0.3 0.2 0.2#
84 84.2 71.8 107.8

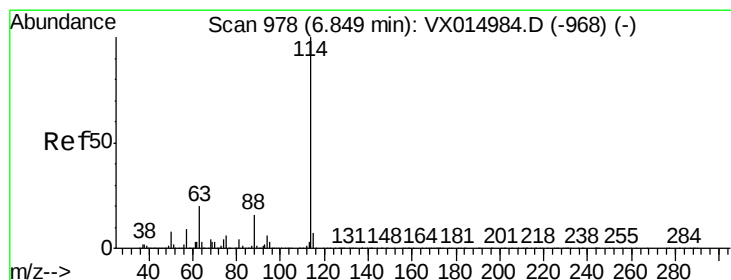
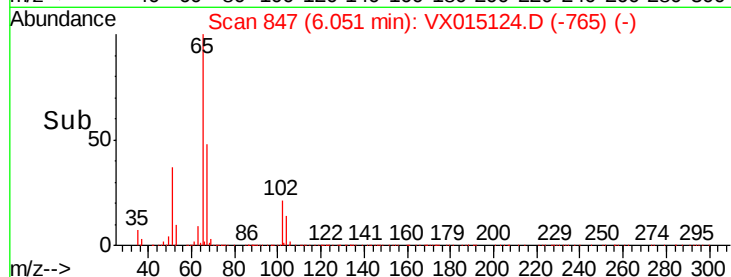
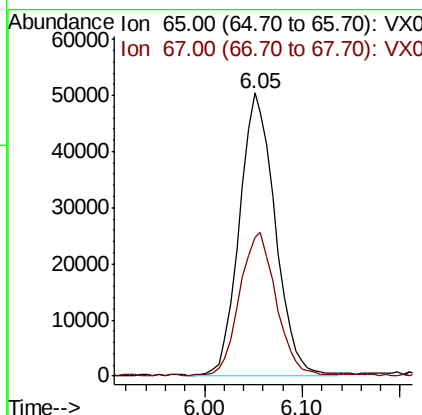
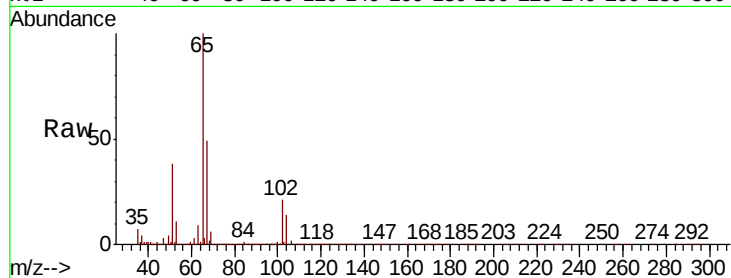




#27
 1,2-Dichloroethane-d4
 Concen: 30.491 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

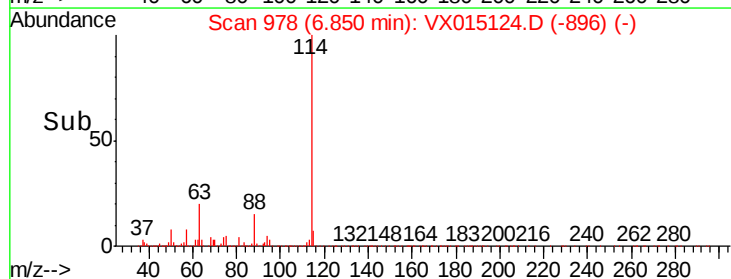
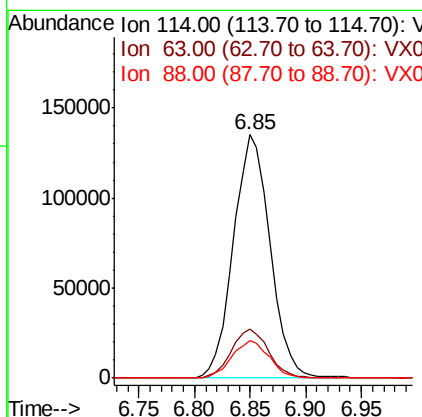
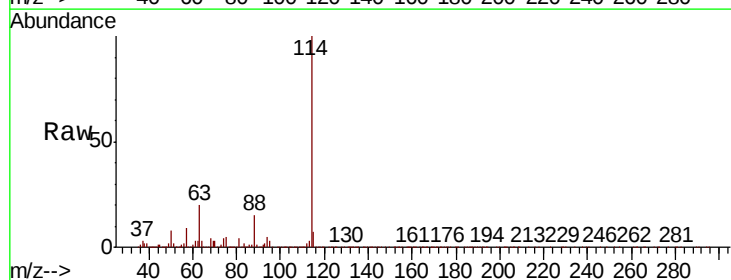
Instrument :
 MSVOA_X
 ClientSampleId :

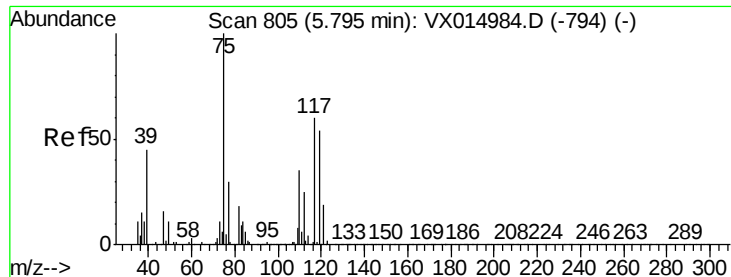
Tot Ion: 65 Resp: 128203
 Ion Ratio Lower Upper
 65 100
 67 52.1 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Tgt Ion: 114 Resp: 309168
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.6 23.4
 88 15.4 12.2 18.2





#29

1,1-Dichloropropene

Concen: 5.465 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015124.D

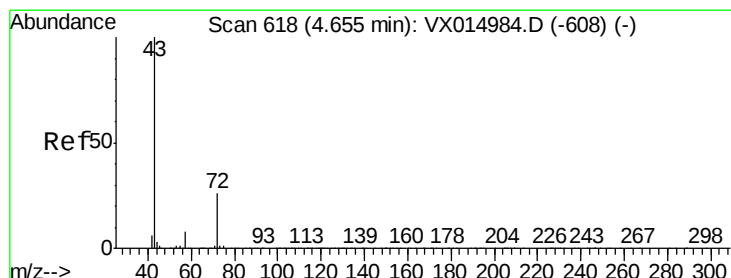
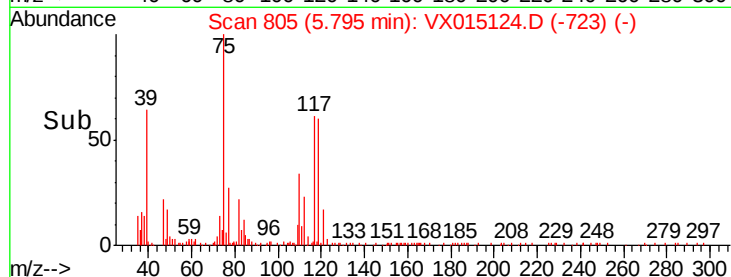
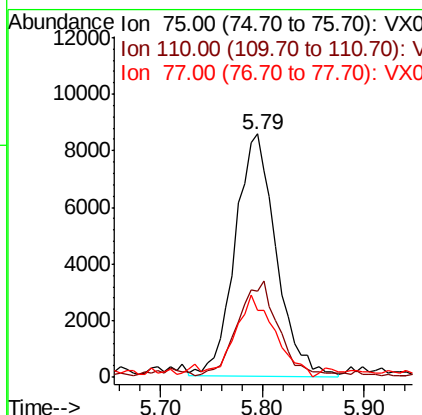
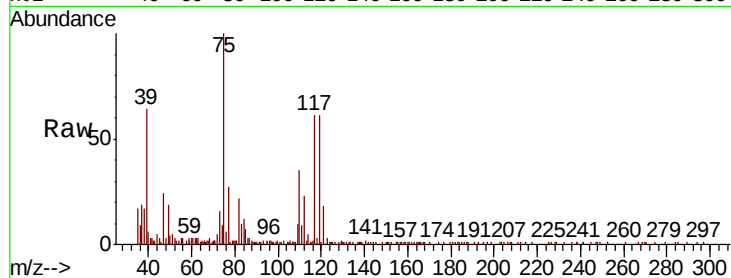
Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	75	Resp:	23900
Ion	Ratio	Lower	Upper
75	100		
110	40.7	0.0	75.0
77	32.0	0.0	64.0



#30

2-Butanone

Concen: 23.905 ug/l

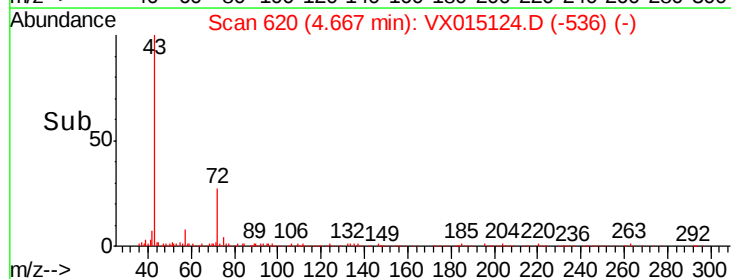
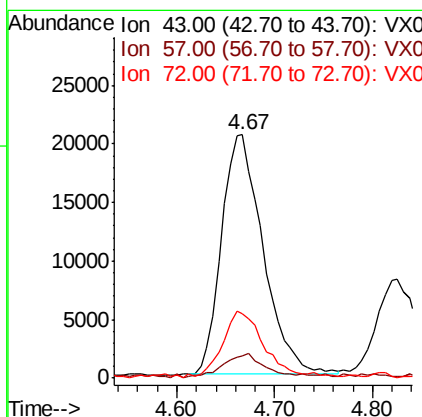
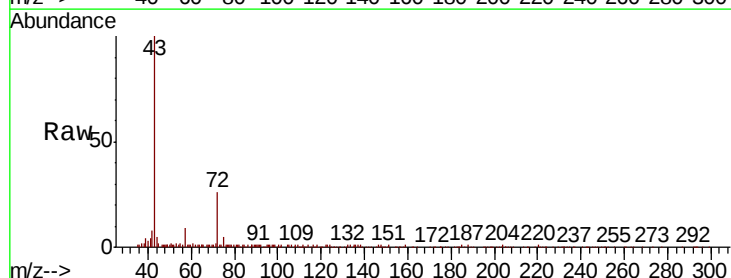
RT: 4.67 min Scan# 620

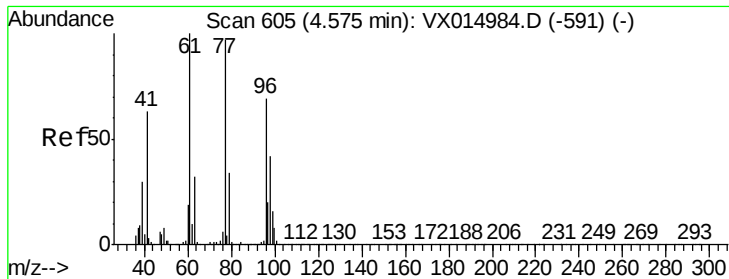
Delta R.T. 0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Tgt Ion:	43	Resp:	60339
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.5	9.7
72	25.2	20.3	30.5

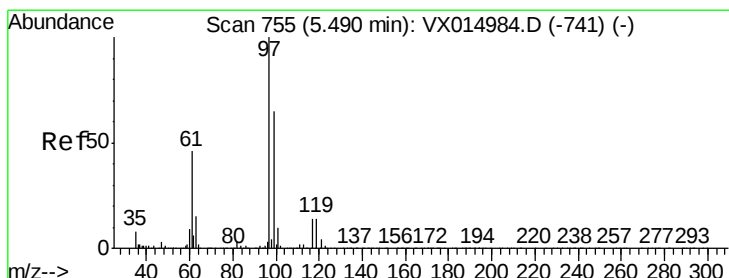
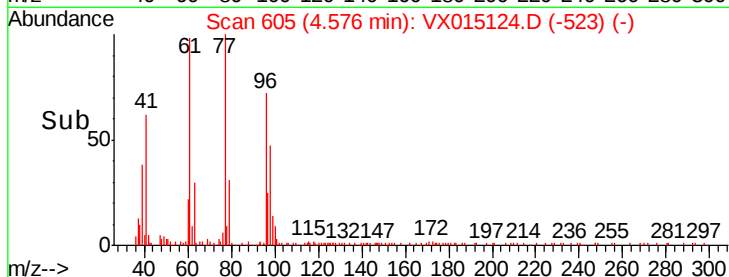
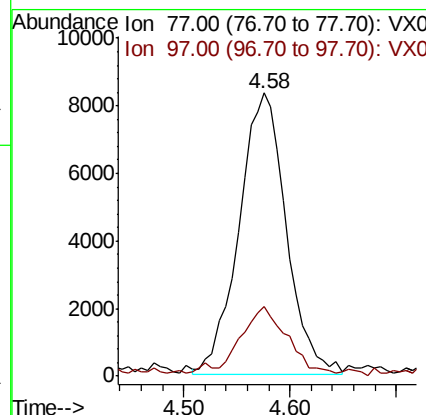
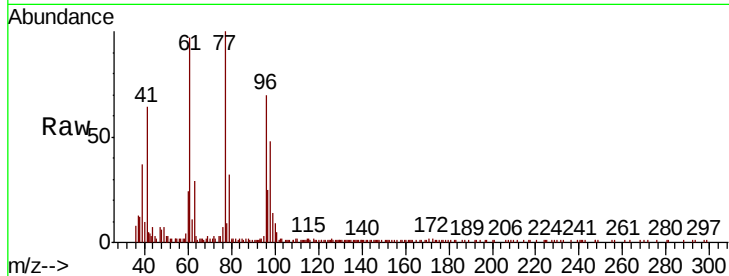




#31
 2,2-Dichloropropane
 Concen: 5.399 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

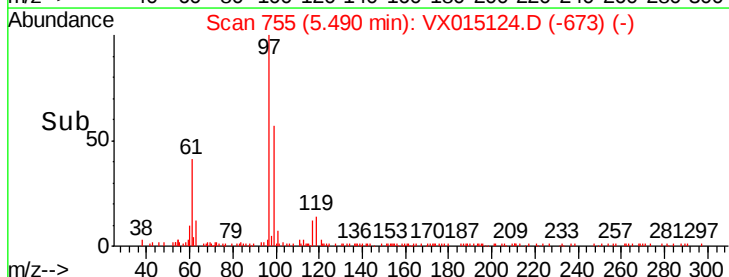
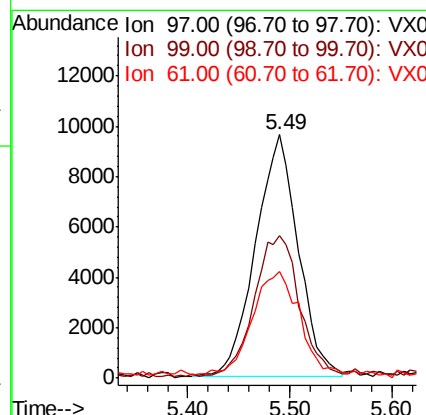
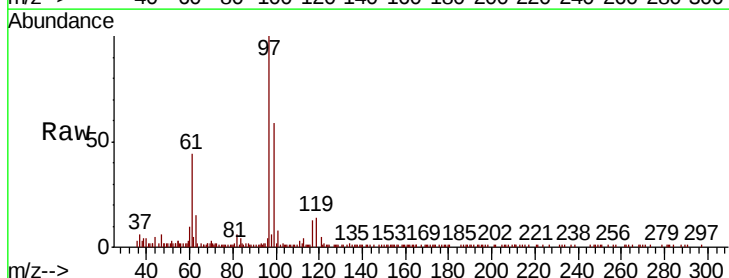
Instrument :
 MSVOA_X
 ClientSampled :

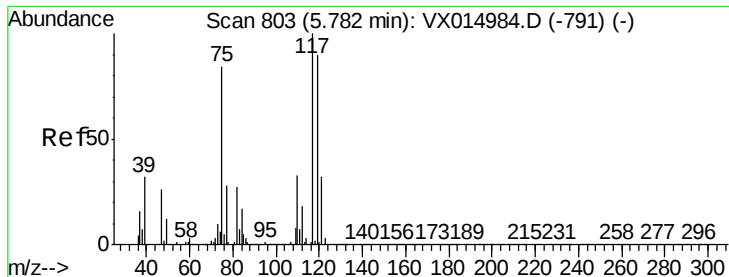
Tot Ion: 77 Resp: 25925
 Ion Ratio Lower Upper
 77 100
 97 21.7 18.4 27.6



#32
 1,1,1-Trichloroethane
 Concen: 5.614 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Tgt Ion: 97 Resp: 27879
 Ion Ratio Lower Upper
 97 100
 99 61.0 53.0 79.6
 61 43.8 36.2 54.2

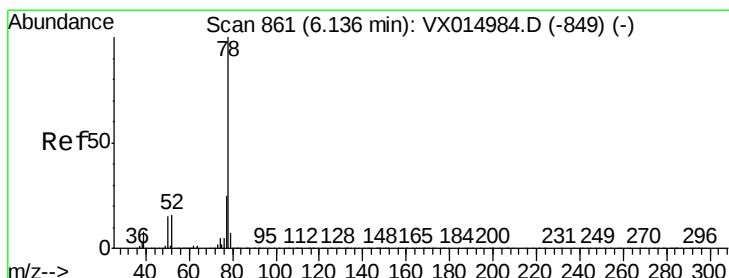
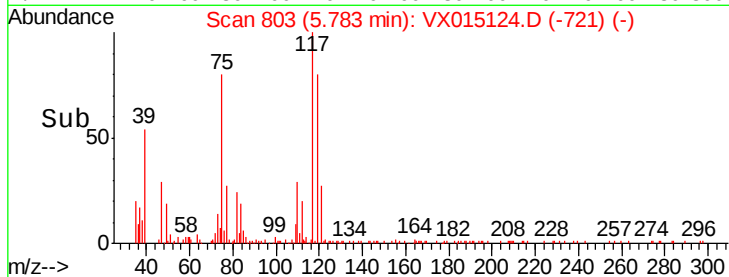
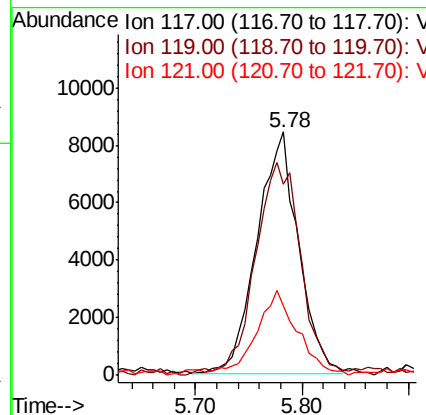
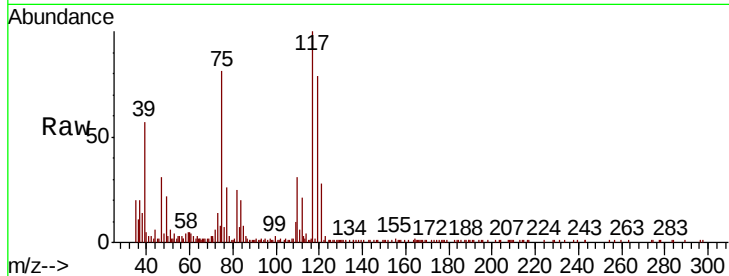




#33
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

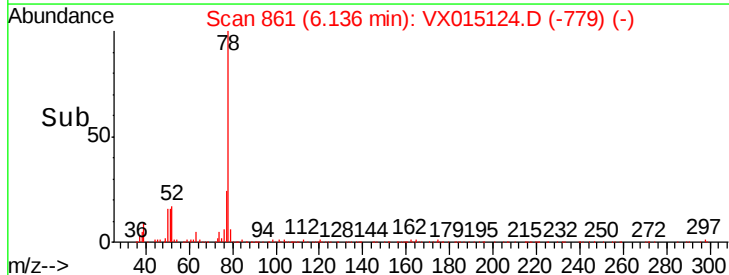
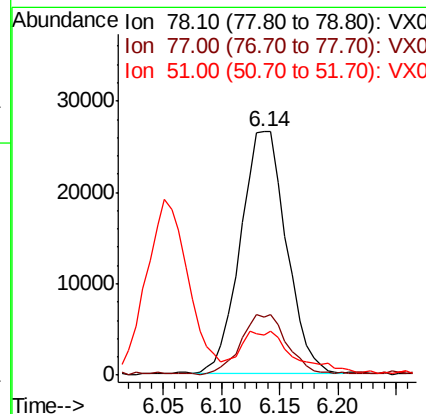
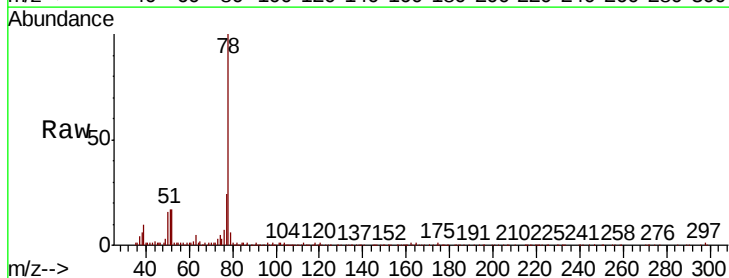
Instrument :
MSVOA_X
ClientSampled :

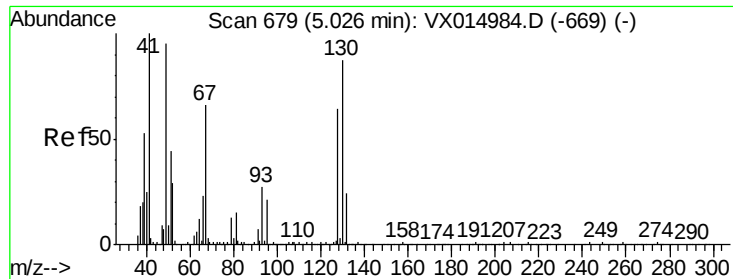
Tot Ion:117 Resp: 23054
Ion Ratio Lower Upper
117 100
119 78.3 71.9 107.9
121 27.1 25.4 38.2



#34
Benzene
Concen: 5.517 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 78 Resp: 72802
Ion Ratio Lower Upper
78 100
77 23.7 20.0 30.0
51 14.2 13.3 19.9

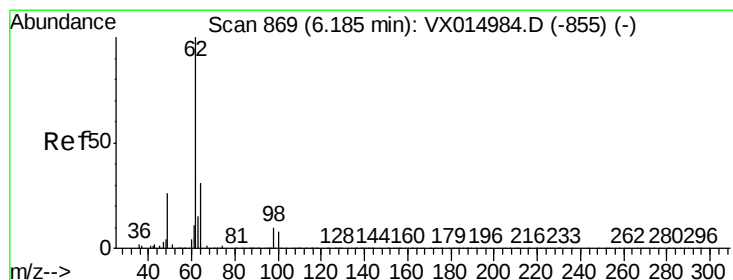
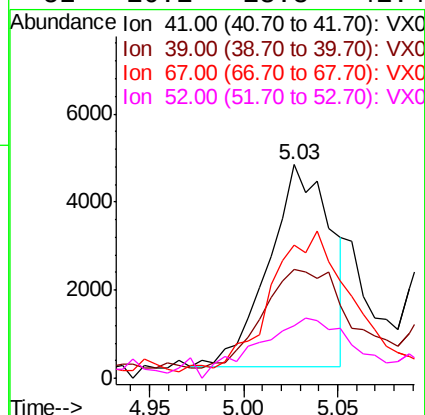
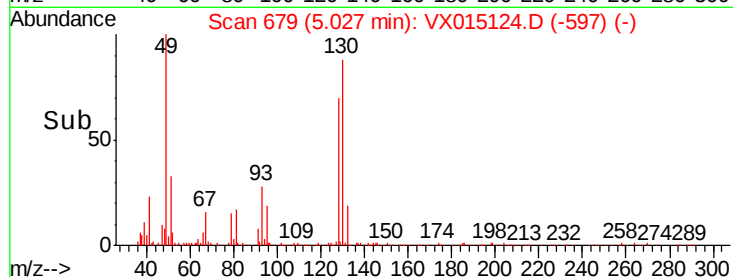
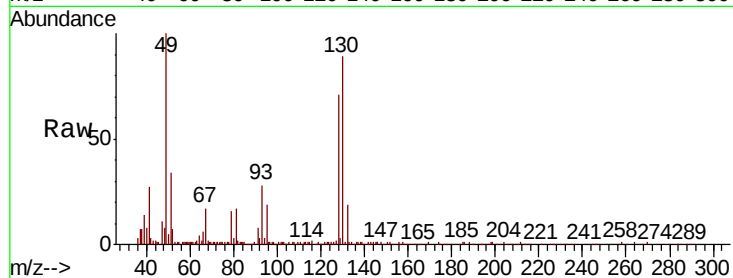




#35
Methacrylonitrile
Concen: 4.094 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

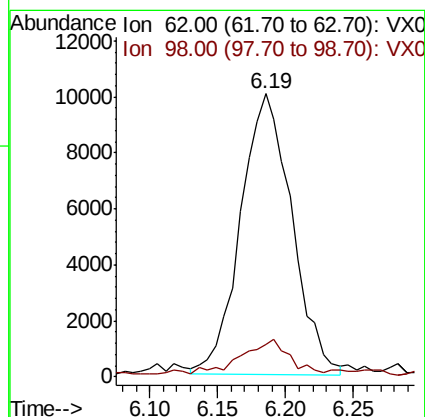
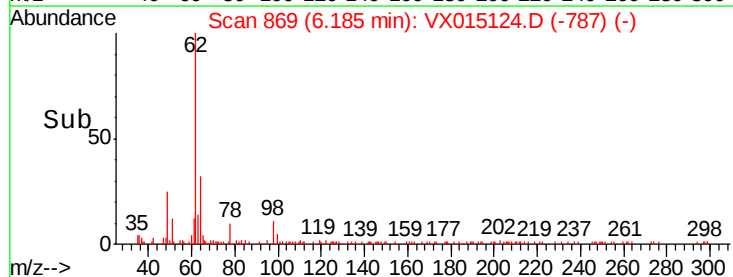
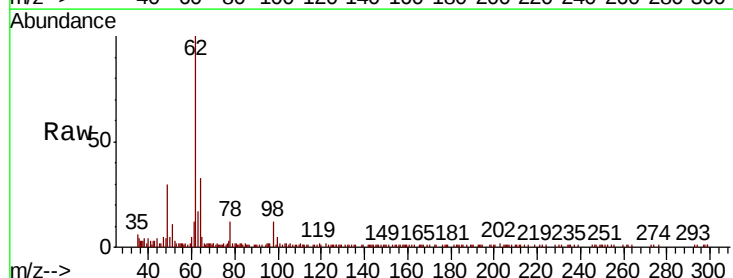
Instrument :
MSVOA_X
ClientSampleId :

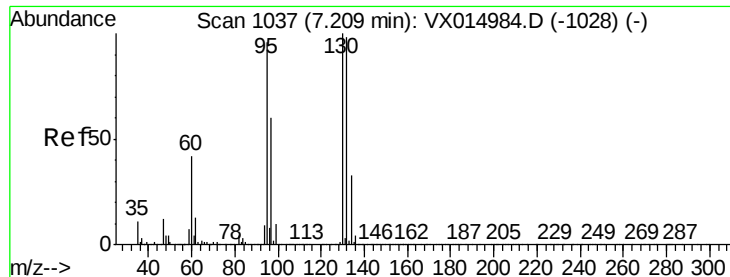
Tot Ion:	41	Resp:	10540
Ion	Ratio	Lower	Upper
41	100		
39	48.6	25.9	77.7
67	57.5	32.7	98.1
52	16.1	13.8	41.4



#36
1,2-Dichloroethane
Concen: 5.642 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion:	62	Resp:	26350
Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.5	11.3





#37

Trichloroethene

Concen: 5.561 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

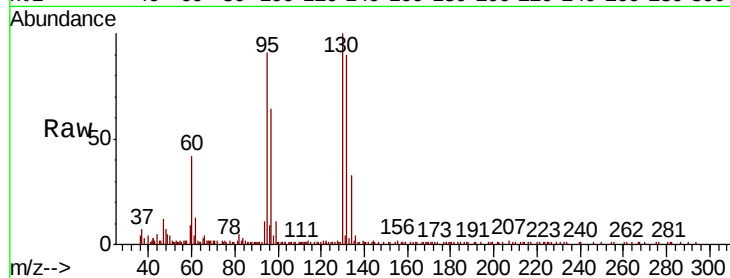
ClientSampleId :

Tot Ion:130 Resp: 20602

Ion Ratio Lower Upper

130 100

95 91.5 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

10000

8000

6000

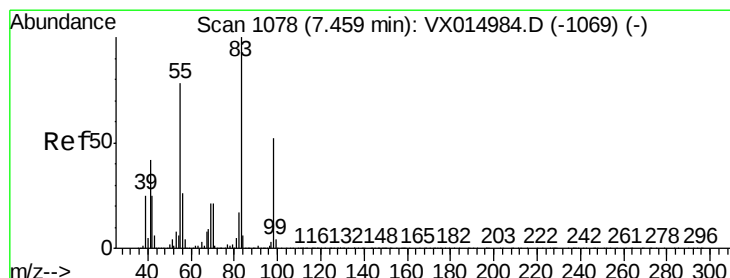
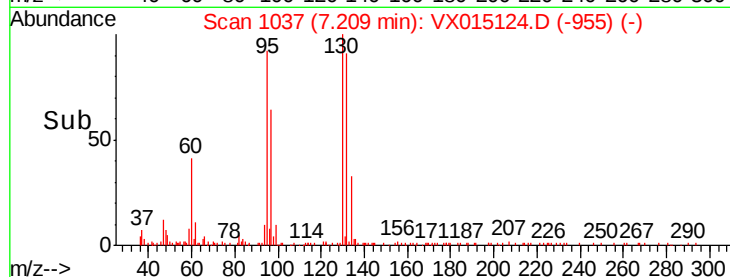
4000

2000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 5.033 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

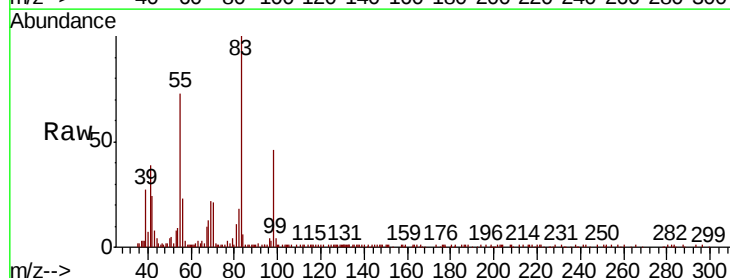
Tgt Ion: 83 Resp: 27283

Ion Ratio Lower Upper

83 100

55 77.2 38.2 114.6

98 52.5 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

7.46

15000

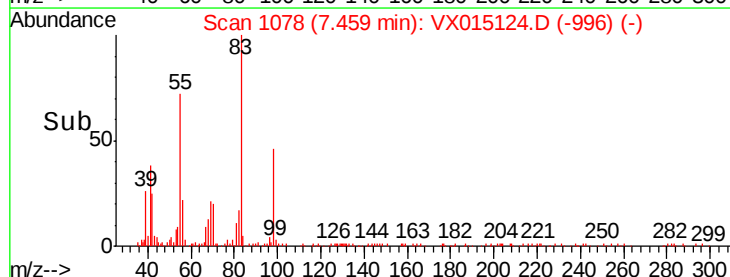
10000

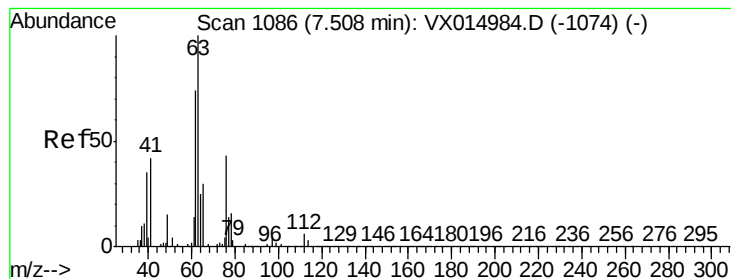
5000

0

7.40 7.45 7.50

Time-->





#39

1,2-Dichloropropane

Concen: 5.806 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

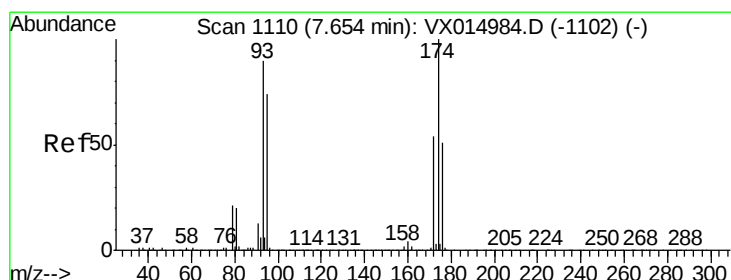
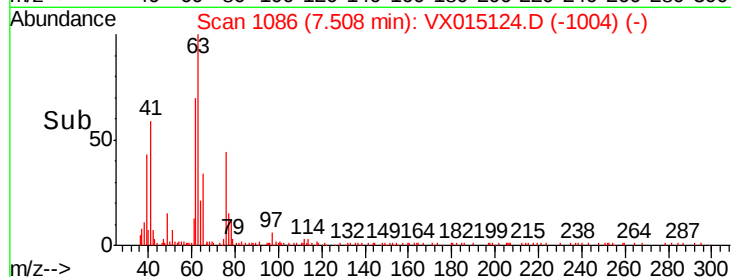
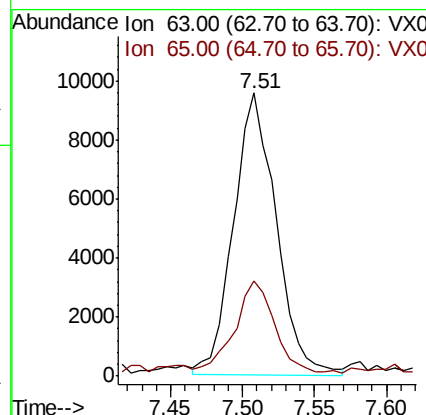
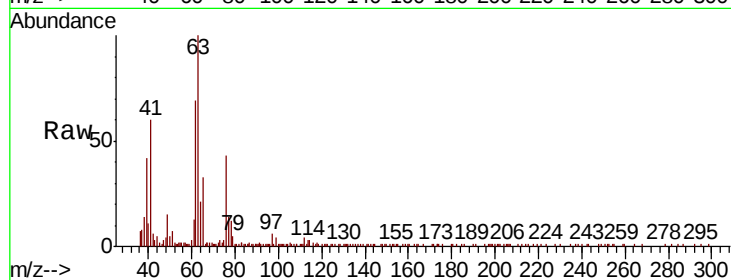
ClientSampled :

Tot Ion: 63 Resp: 19720

Ion Ratio Lower Upper

63 100

65 33.0 24.6 36.8



#40

Dibromomethane

Concen: 5.744 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

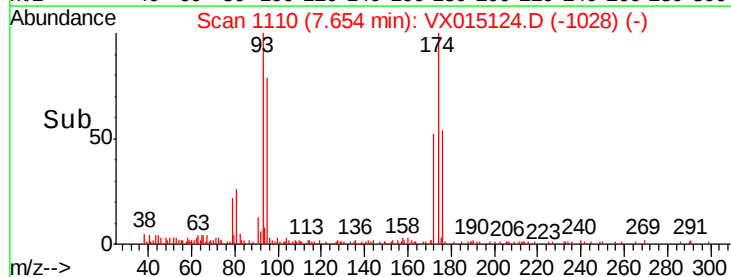
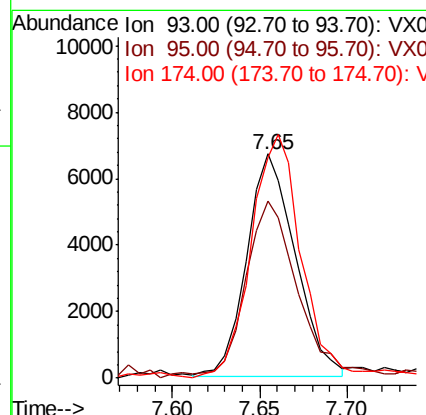
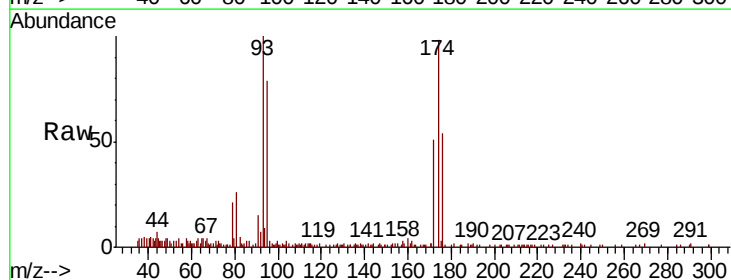
Tgt Ion: 93 Resp: 13028

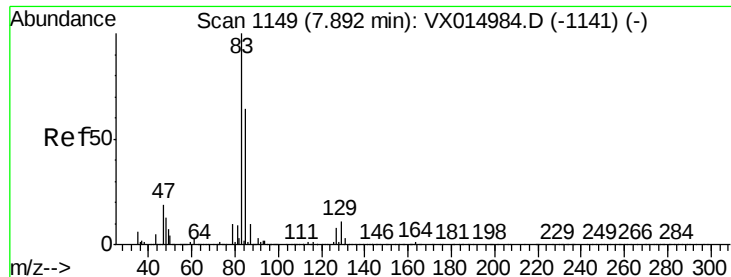
Ion Ratio Lower Upper

93 100

95 78.2 0.0 164.6

174 112.0 0.0 226.4





#41

Bromodichloromethane

Concen: 5.095 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

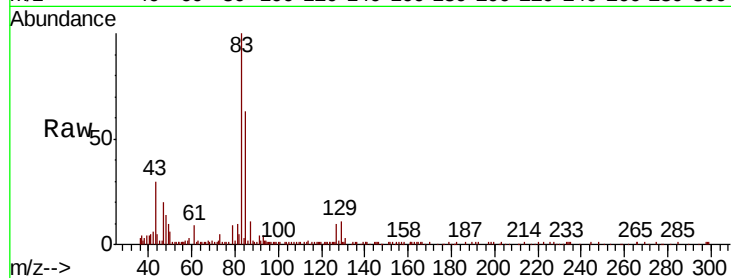
Tot Ion: 83 Resp: 22826

Ion Ratio Lower Upper

83 100

85 61.1 51.0 76.4

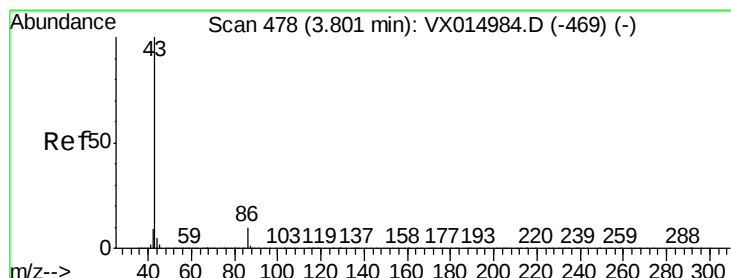
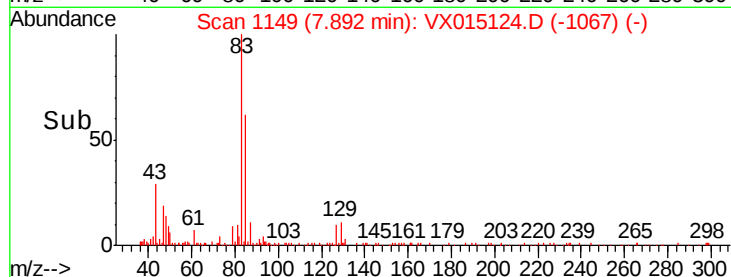
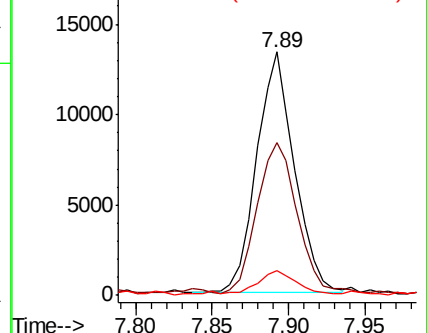
127 9.9 6.6 10.0



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: 26.267 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX015124.D

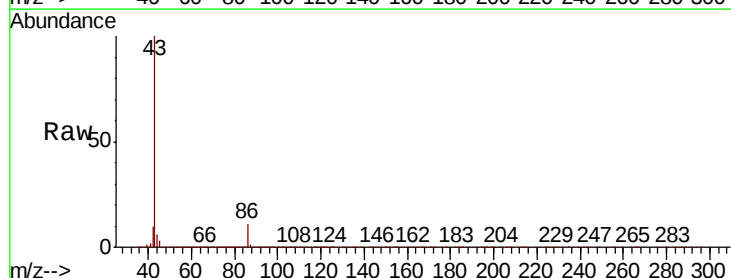
Acq: 06 Mar 2020 14:09

Tgt Ion: 43 Resp: 233369

Ion Ratio Lower Upper

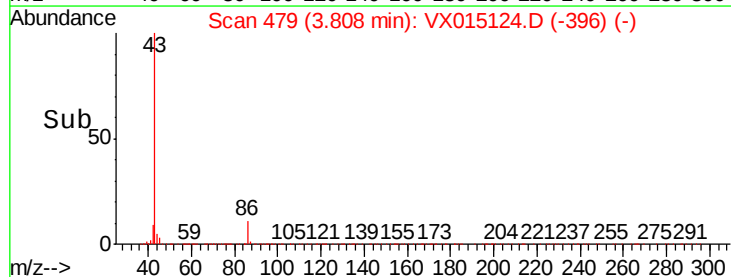
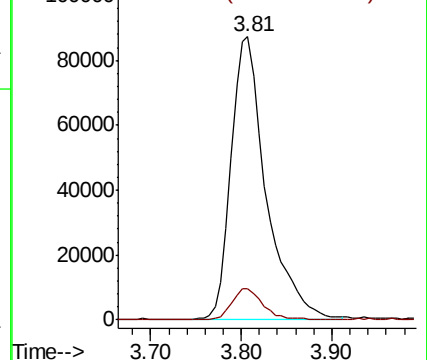
43 100

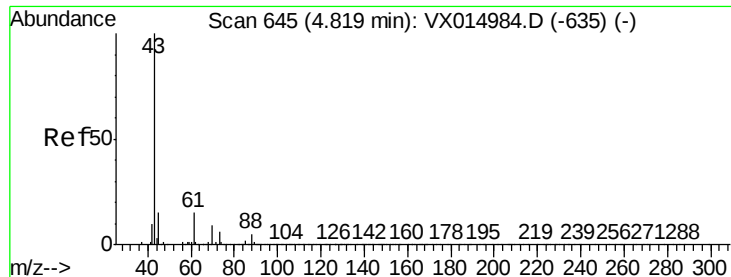
86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 5.296 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

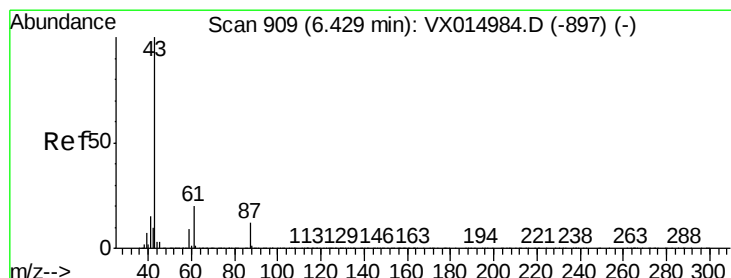
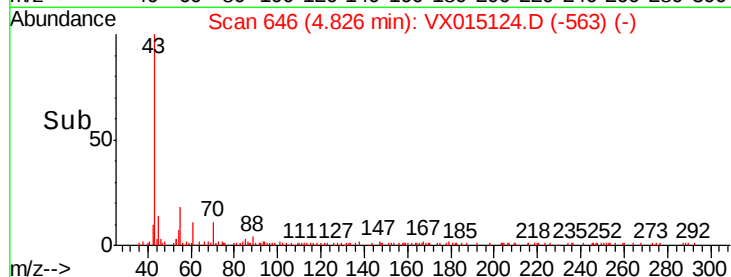
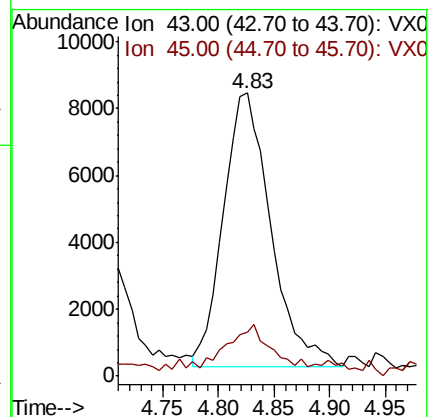
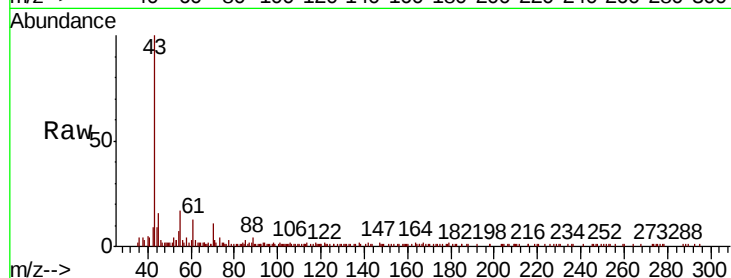
ClientSampleId :

Tot Ion: 43 Resp: 24187

Ion Ratio Lower Upper

43 100

45 14.6 10.8 16.2



#44

Isopropyl Acetate

Concen: 5.146 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX015124.D

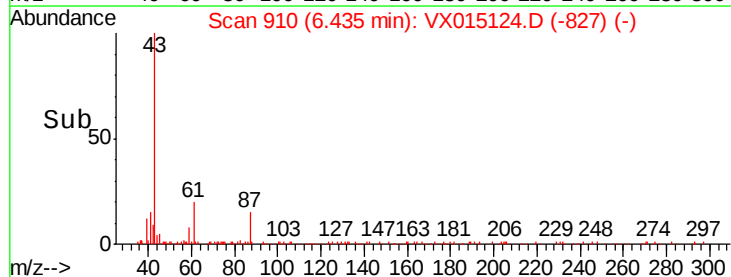
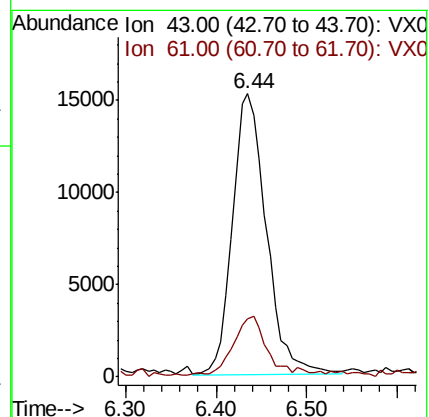
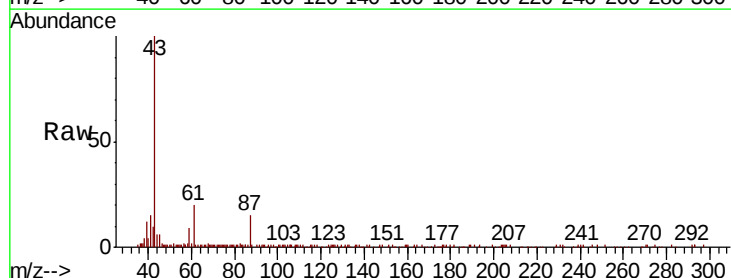
Acq: 06 Mar 2020 14:09

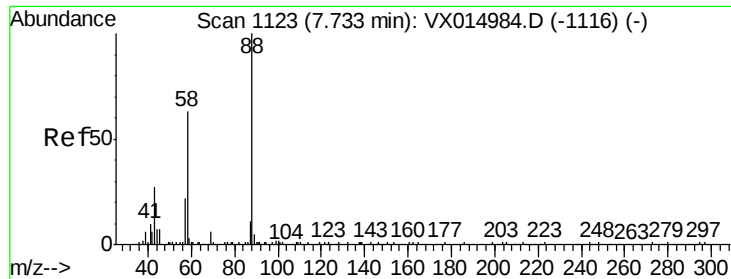
Tgt Ion: 43 Resp: 39511

Ion Ratio Lower Upper

43 100

61 18.6 15.6 23.4

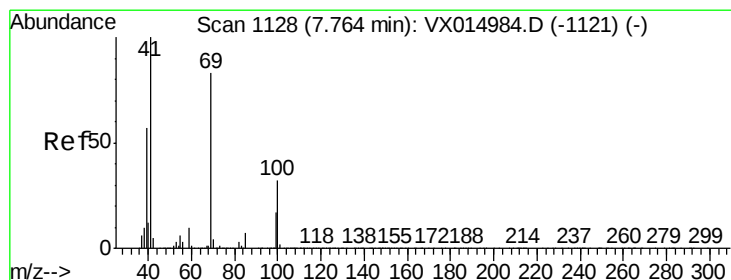
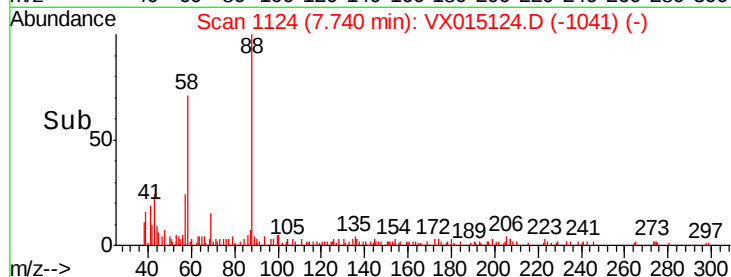
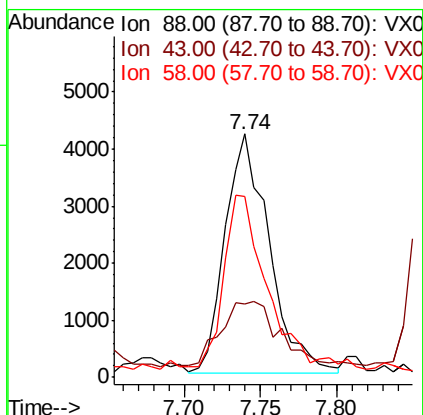
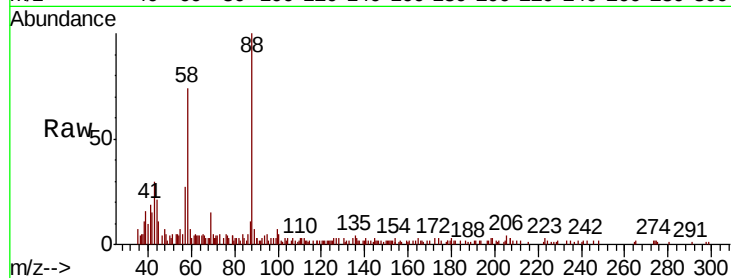




#45
 1,4-Dioxane
 Concen: 118.618 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

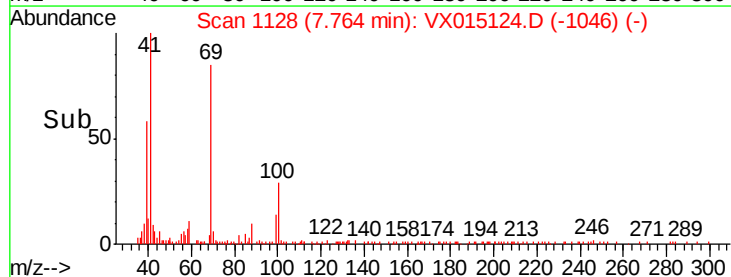
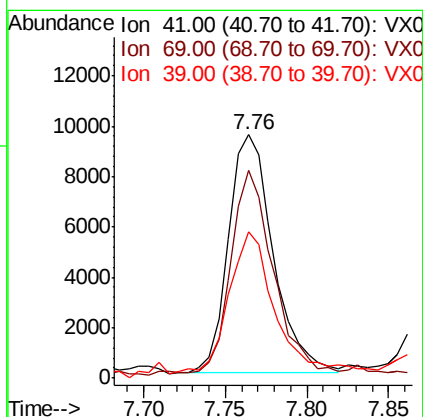
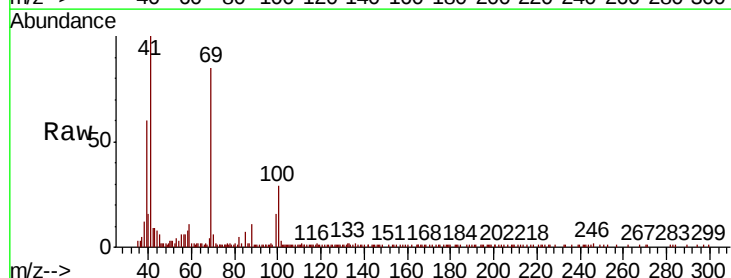
Instrument :
 MSVOA_X
 ClientSampled :

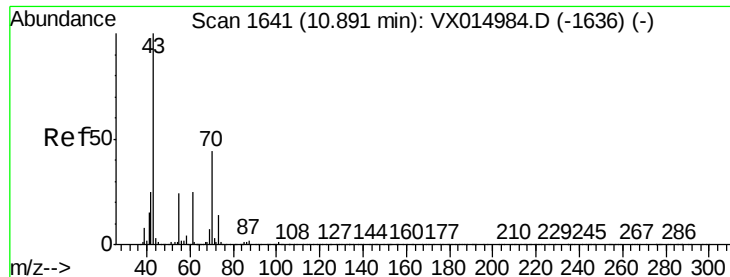
Tot Ion: 88 Resp: 8415
 Ion Ratio Lower Upper
 88 100
 43 16.8 25.4 38.2#
 58 69.3 55.8 83.8



#46
 Methyl methacrylate
 Concen: 4.747 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Tgt Ion: 41 Resp: 18031
 Ion Ratio Lower Upper
 41 100
 69 84.3 41.4 124.2
 39 57.8 28.3 84.9

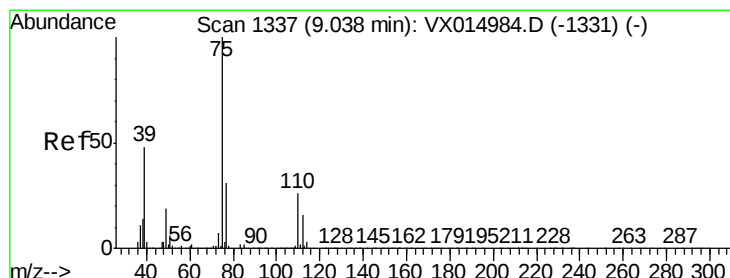
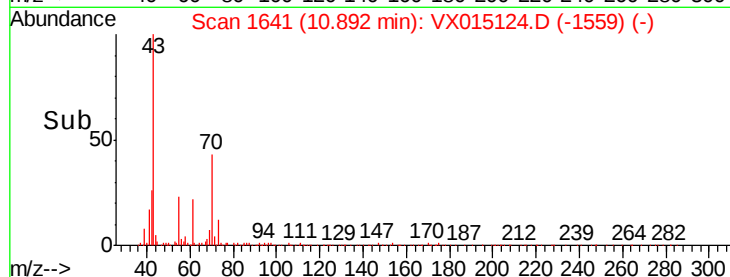
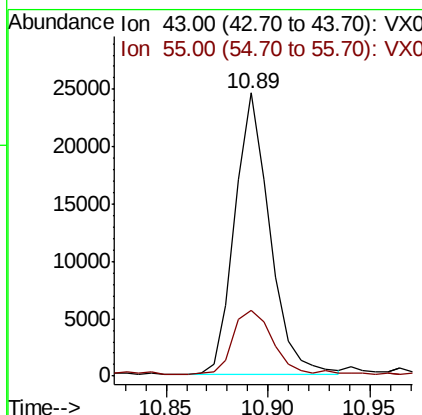
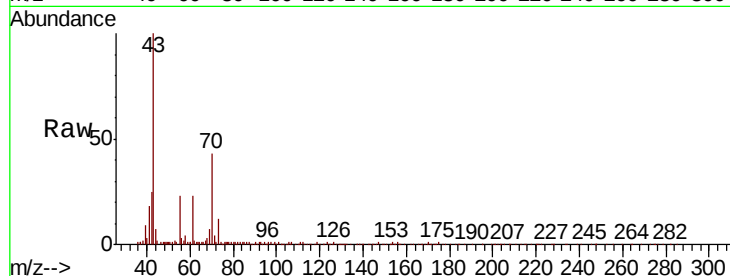




#47
n-amvl Acetate
Concen: 4.412 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

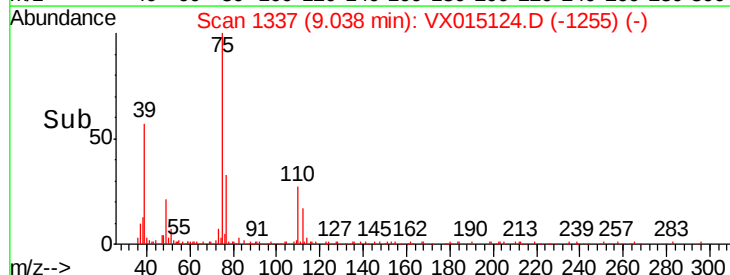
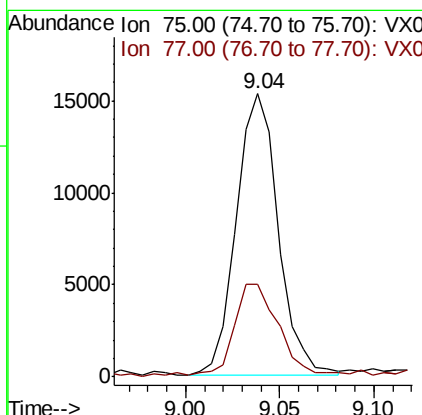
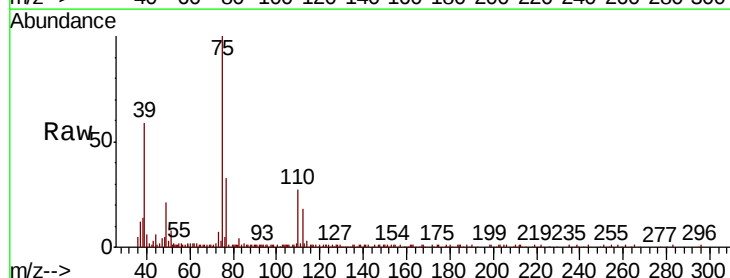
Instrument :
MSVOA_X
ClientSampled :

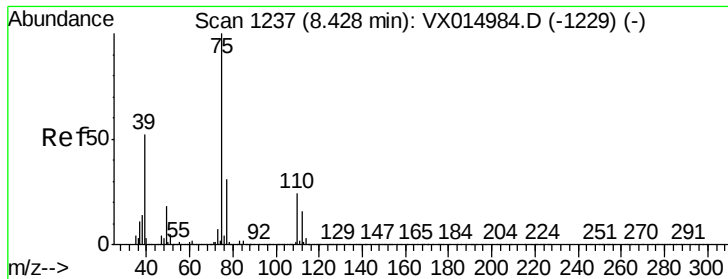
Tot Ion: 43 Resp: 29344
Ion Ratio Lower Upper
43 100
55 25.9 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 4.758 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 75 Resp: 23648
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8



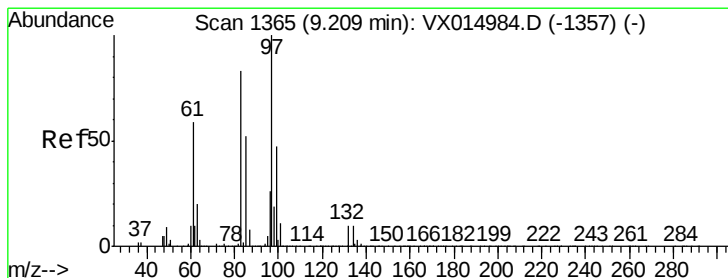
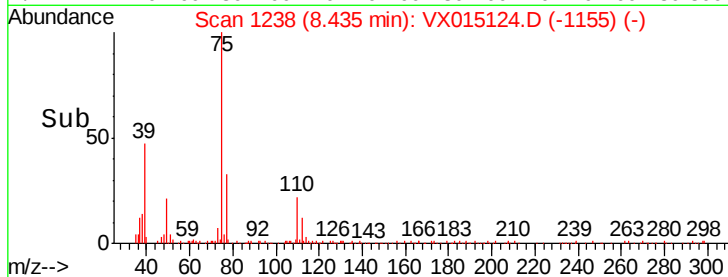
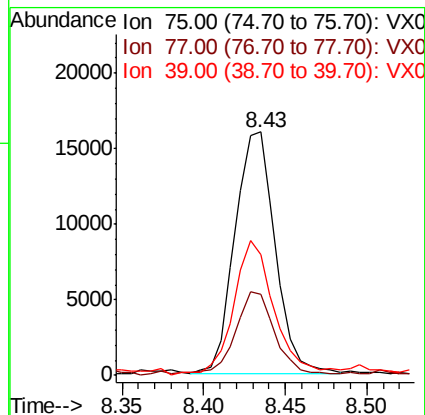
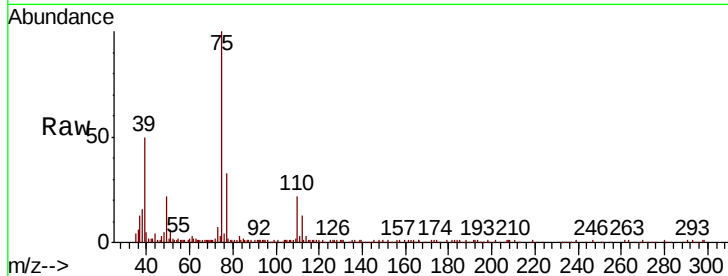


#49

cis-1,3-Dichloropropene
Concen: 5.038 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :

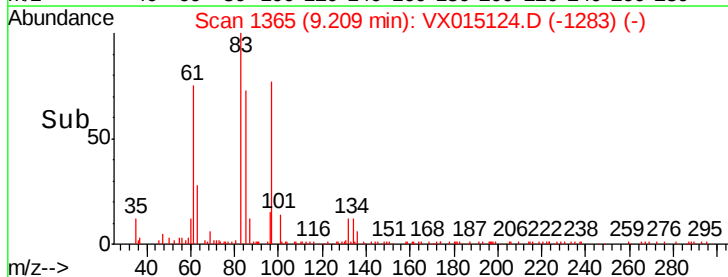
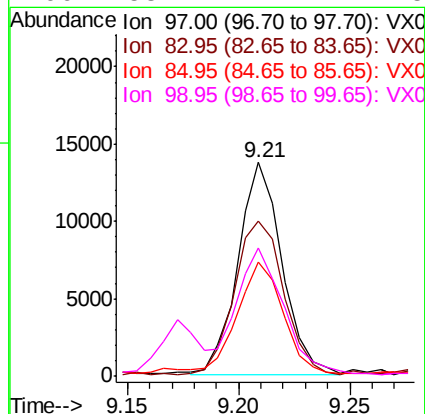
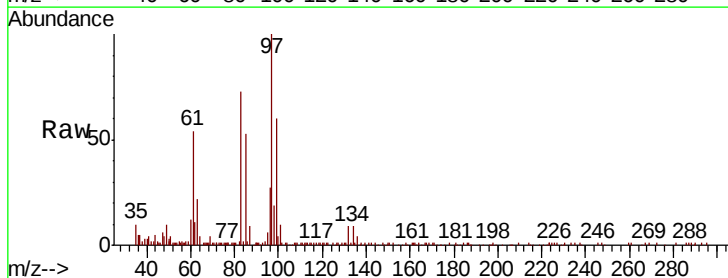
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.6	36.8
39	48.7	41.5	62.3

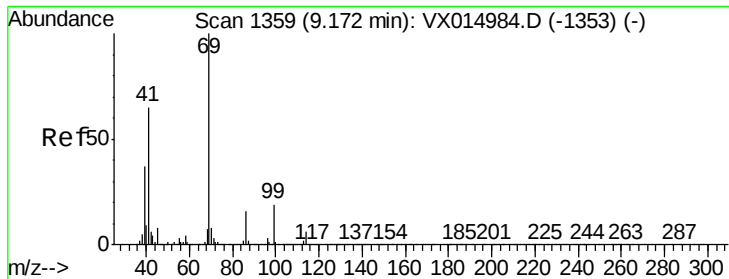


#50

1,1,2-Trichloroethane
Concen: 5.603 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	72.7	66.2	99.2
85	52.7	42.4	63.6
99	58.7	47.7	71.5





#51

Ethyl methacrylate

Concen: 4.689 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

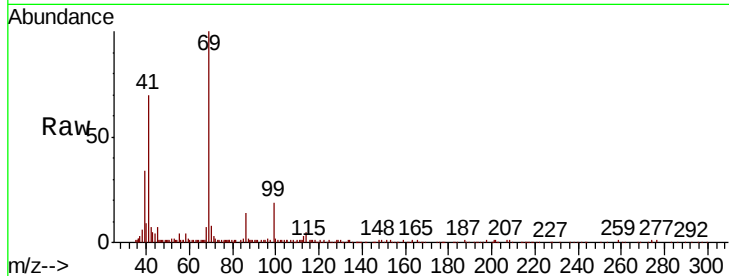
Tot Ion: 69 Resp: 24452

Ion Ratio Lower Upper

69 100

41 68.6 32.7 98.1

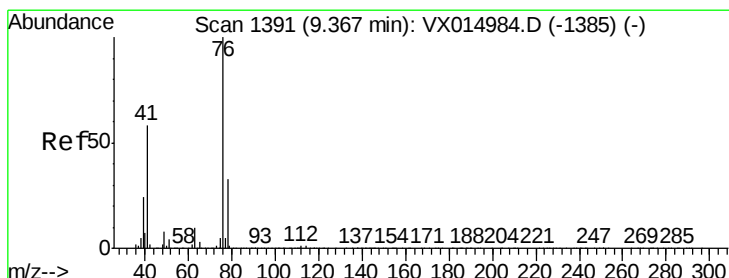
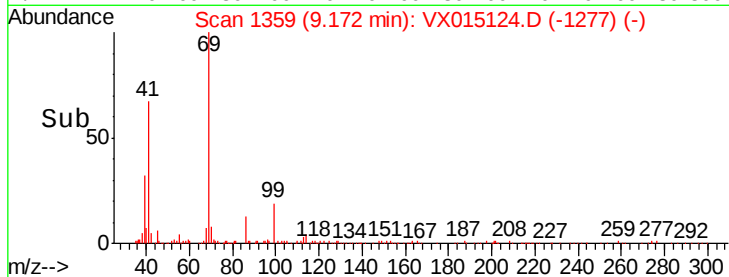
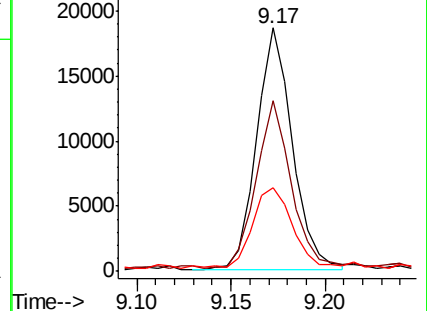
39 32.3 18.2 54.6



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: 5.432 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015124.D

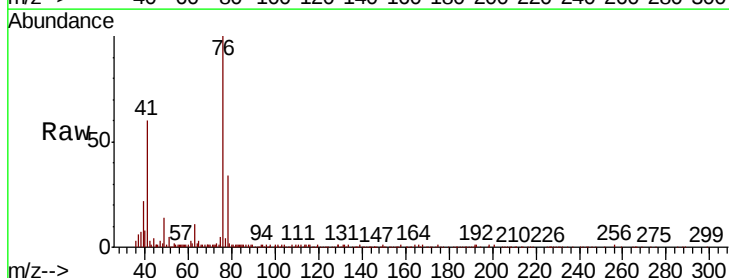
Acq: 06 Mar 2020 14:09

Tgt Ion: 76 Resp: 31051

Ion Ratio Lower Upper

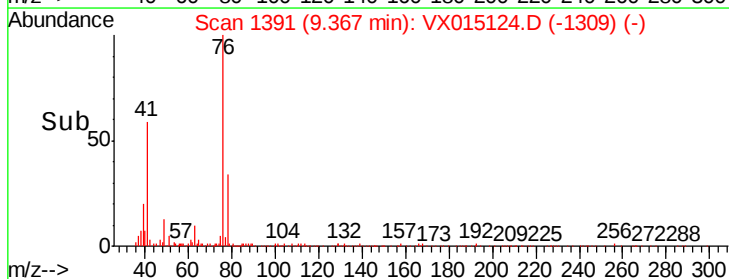
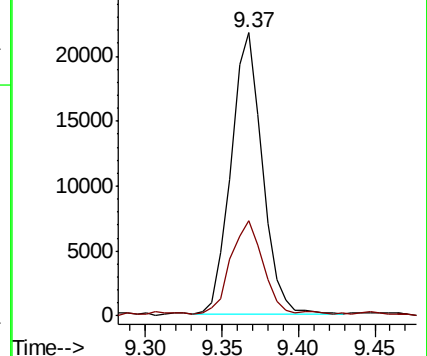
76 100

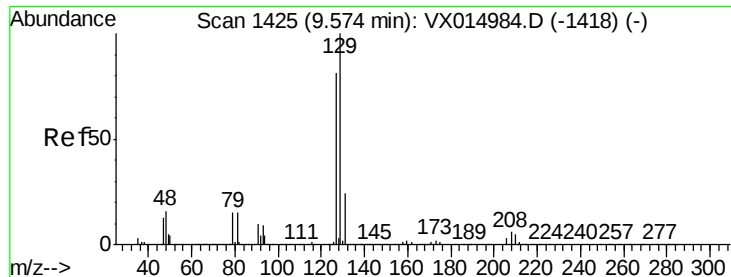
78 34.6 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.963 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

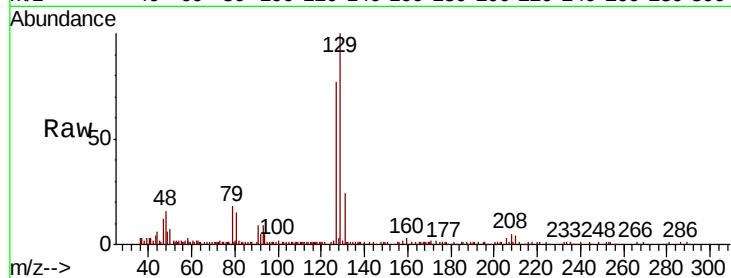
ClientSampleId :

Tot Ion:129 Resp: 18132

Ion Ratio Lower Upper

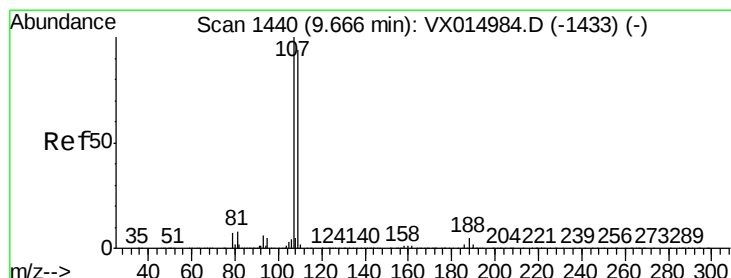
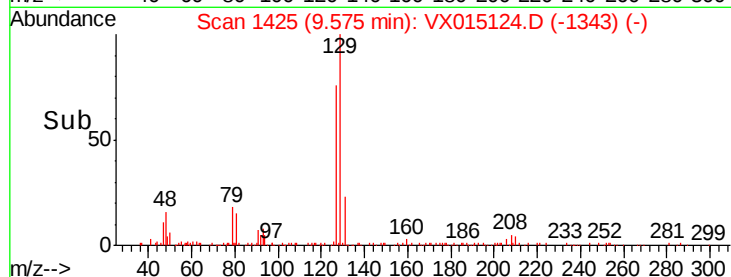
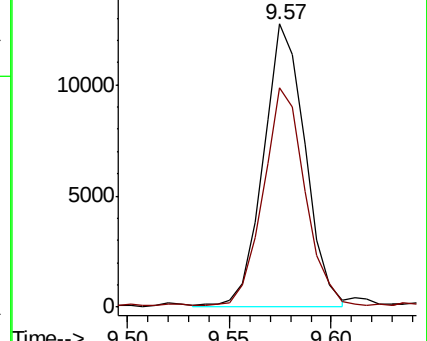
129 100

127 77.5 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: 5.327 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015124.D

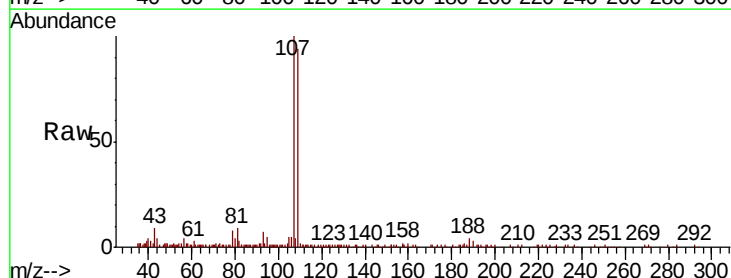
Acq: 06 Mar 2020 14:09

Tgt Ion:107 Resp: 19109

Ion Ratio Lower Upper

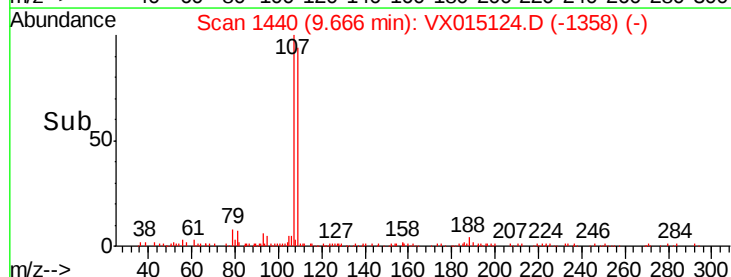
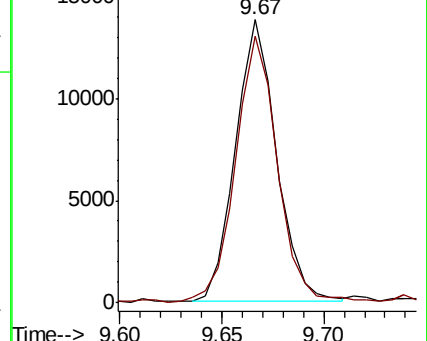
107 100

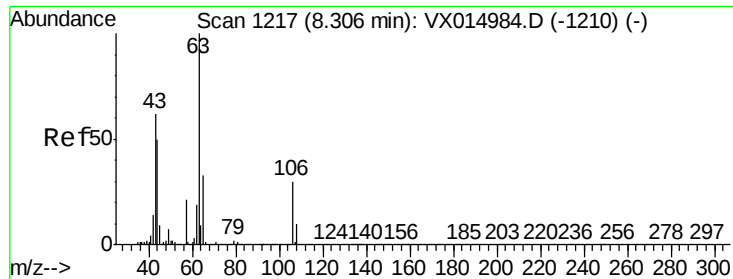
109 95.5 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

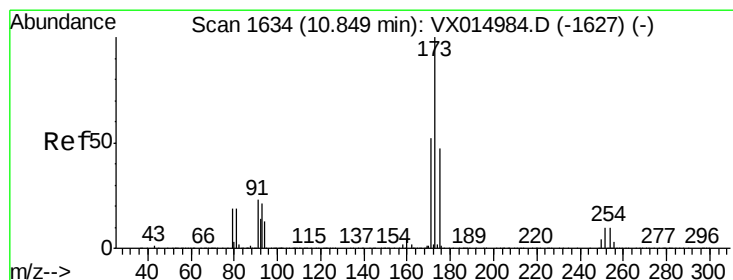
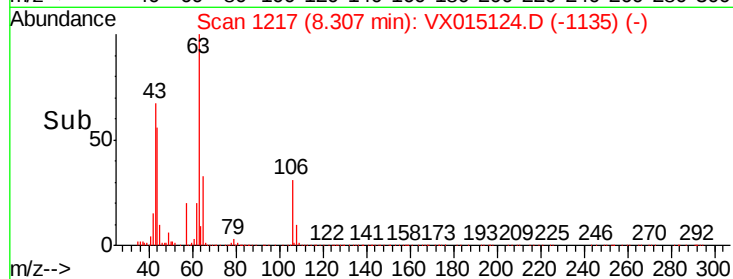
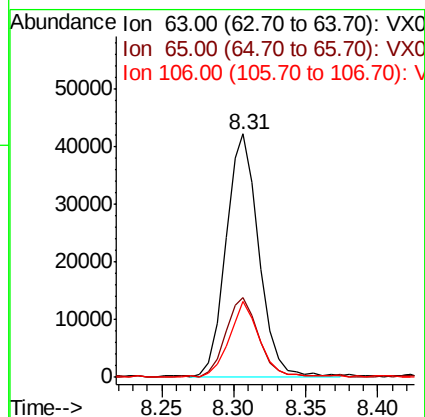
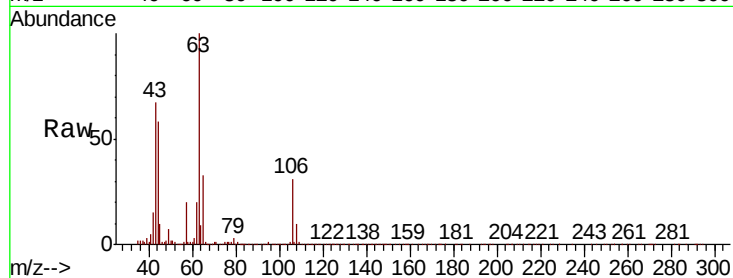




#55
2-Chloroethyl vinyl ether
Concen: 24.102 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

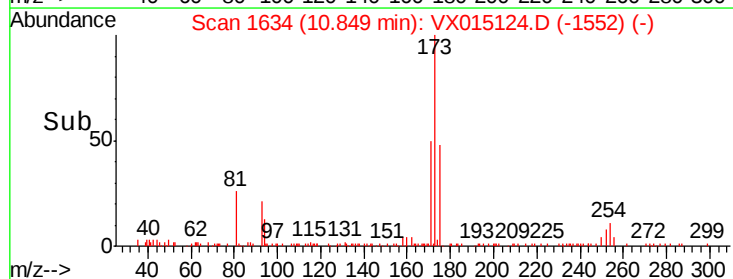
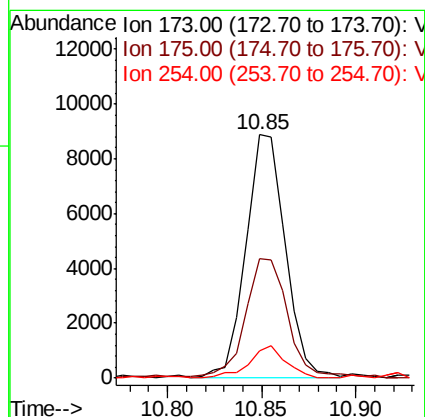
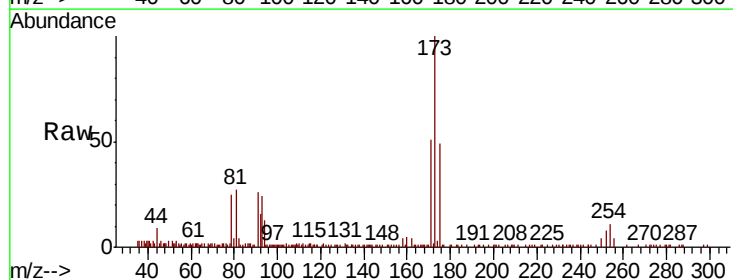
Instrument :
MSVOA_X
ClientSampleId :

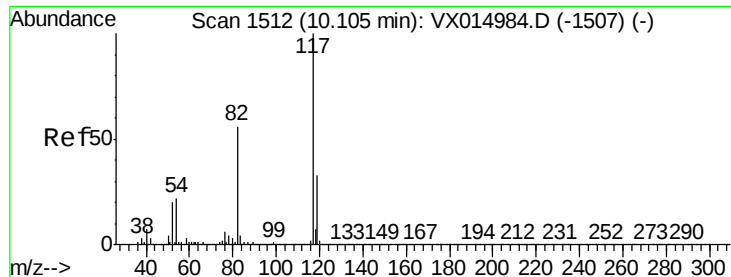
Tot Ion: 63 Resp: 66957
Ion Ratio Lower Upper
63 100
65 32.0 26.0 39.0
106 29.1 23.9 35.9



#56
Bromoform
Concen: 4.514 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 173 Resp: 12927
Ion Ratio Lower Upper
173 100
175 52.8 38.6 57.8
254 12.4 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampled :

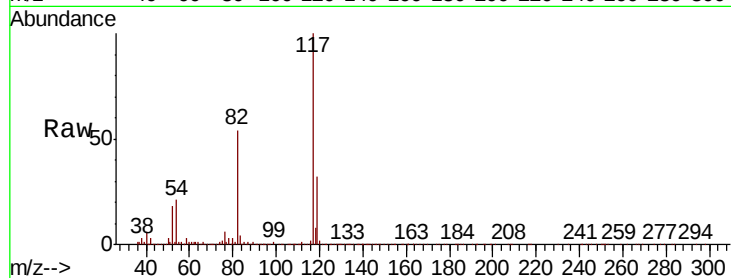
Tot Ion:117 Resp: 286622

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.2

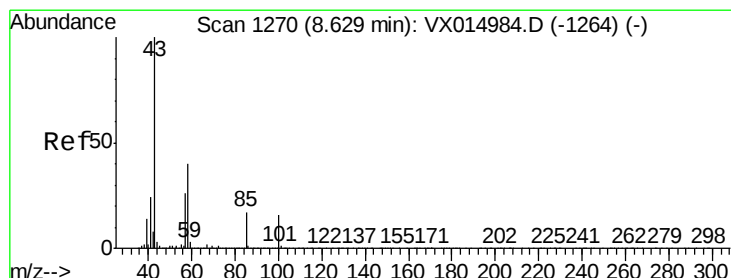
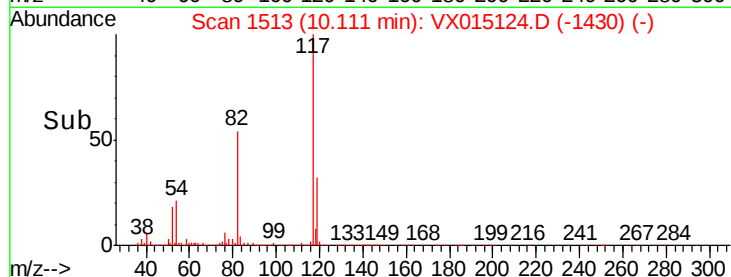
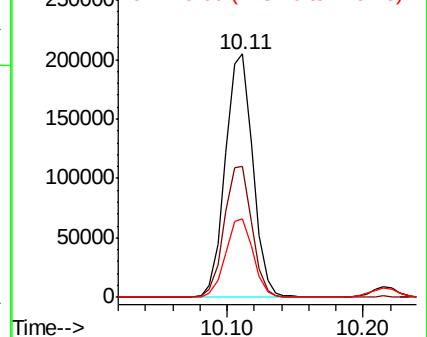
119 32.2 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 25.634 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

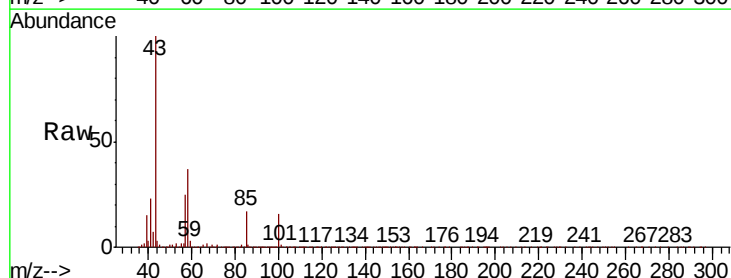
Tgt Ion: 43 Resp: 120411

Ion Ratio Lower Upper

43 100

58 39.1 31.7 47.5

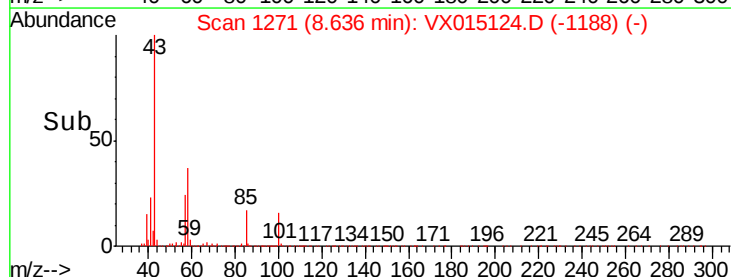
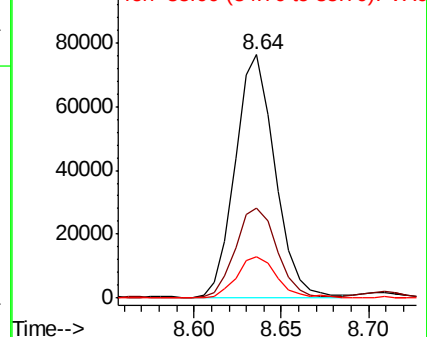
85 16.5 14.4 21.6

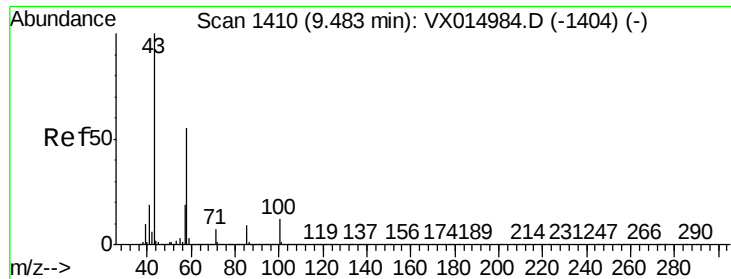


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

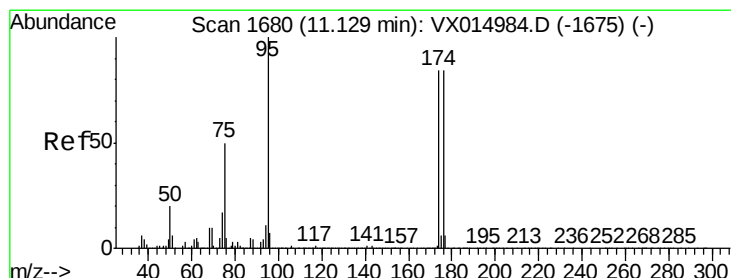
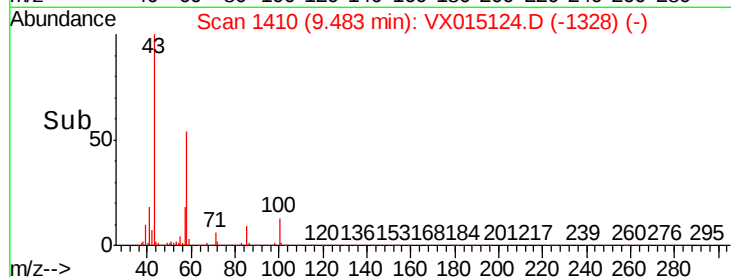
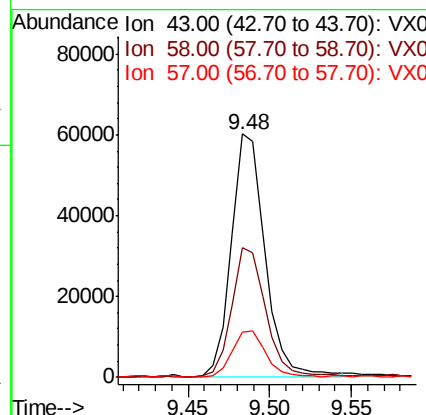
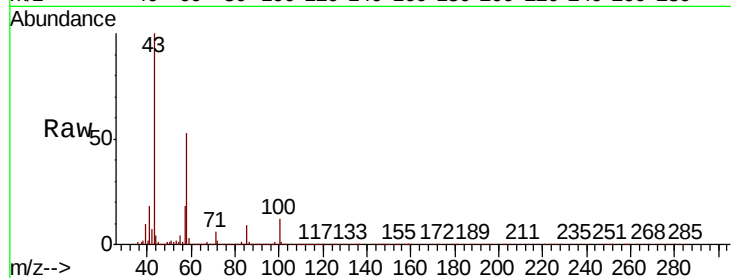




#59
2-Hexanone
Concen: 23.292 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

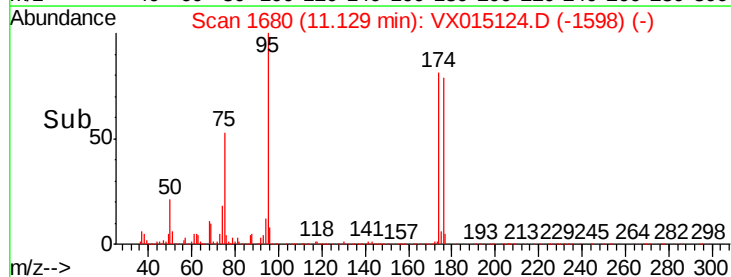
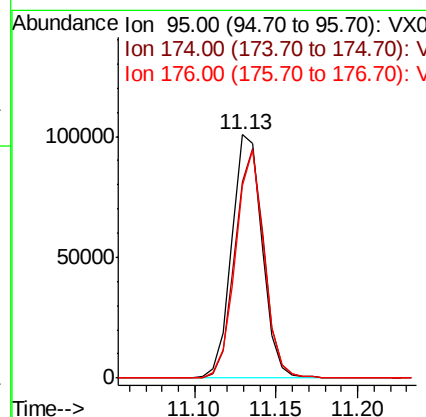
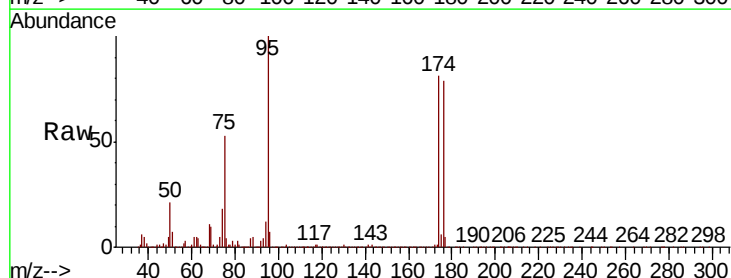
Instrument :
MSVOA_X
ClientSampleId :

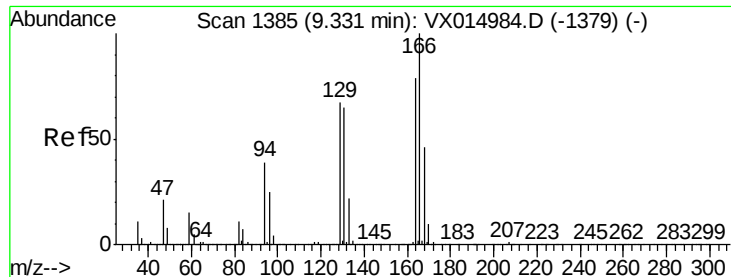
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.1	66.1
57	19.3	15.3	22.9



#60
4-Bromofluorobenzene
Concen: 29.275 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	72.3	108.5
176	87.4	72.0	108.0

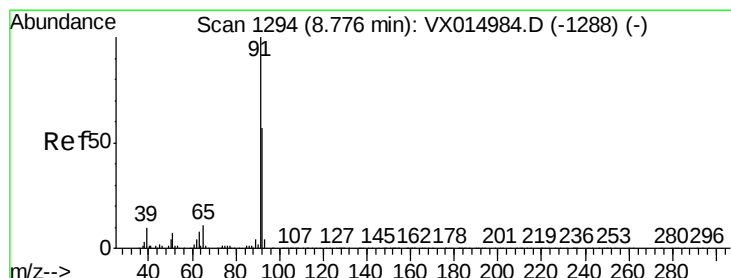
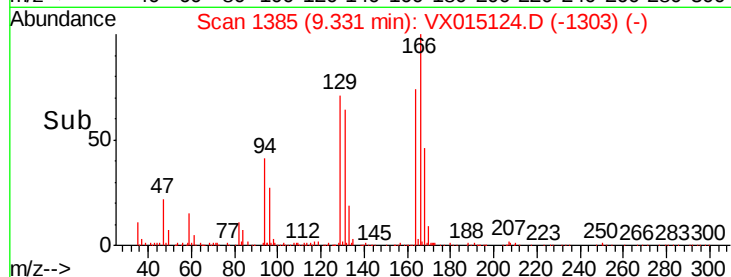
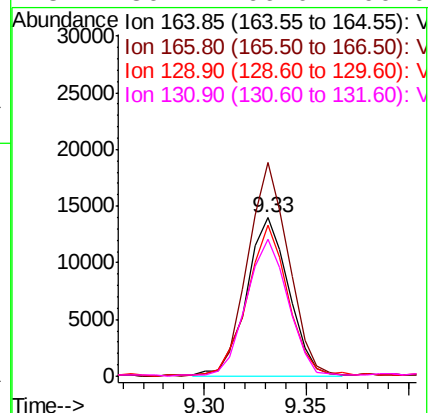
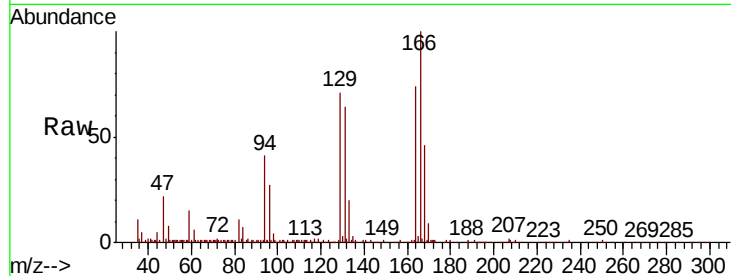




#61
Tetrachloroethene
Concen: 5.202 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

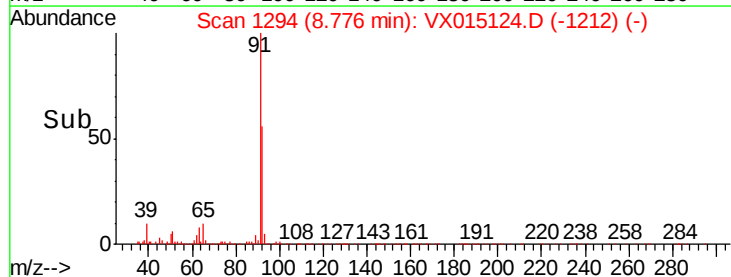
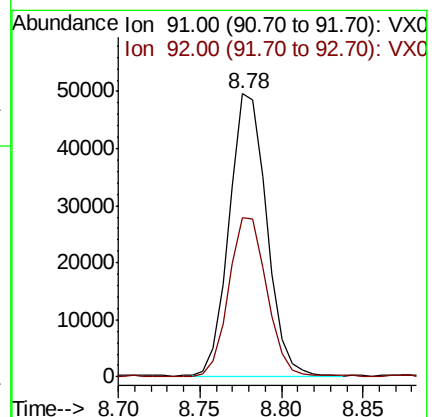
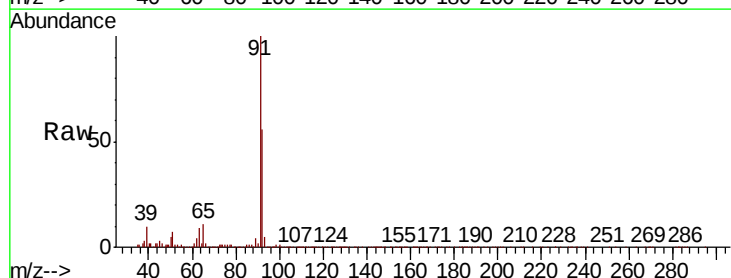
Instrument :
MSVOA_X
ClientSampleId :

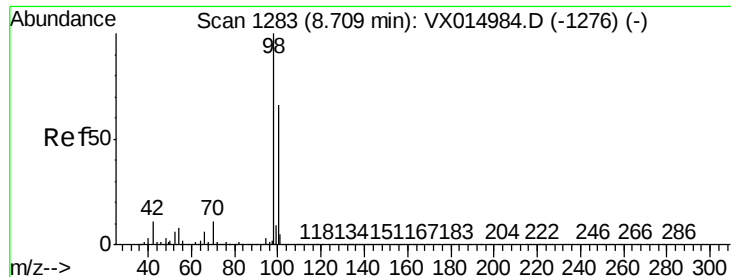
Tot Ion:164 Resp: 20026
Ion Ratio Lower Upper
164 100
166 134.9 101.2 151.8
129 95.3 67.6 101.4
131 86.4 66.0 99.0



#62
Toluene
Concen: 5.387 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 91 Resp: 79093
Ion Ratio Lower Upper
91 100
92 57.6 46.6 69.8





#63

Toluene-d8

Concen: 30.626 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

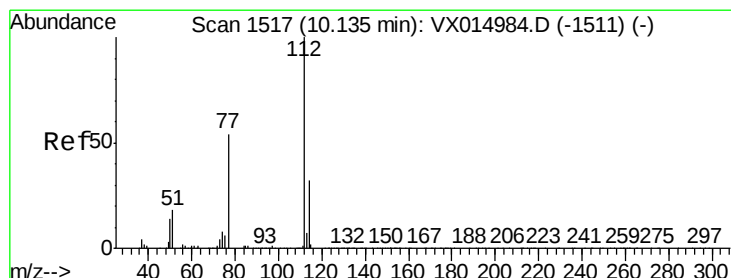
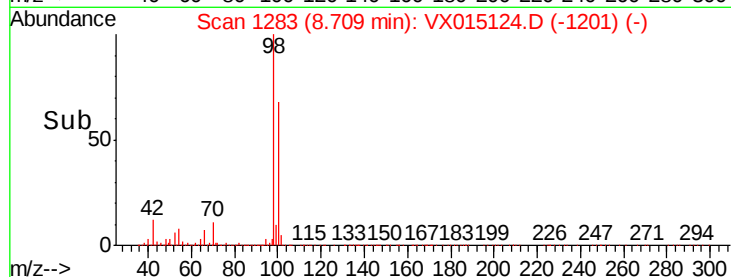
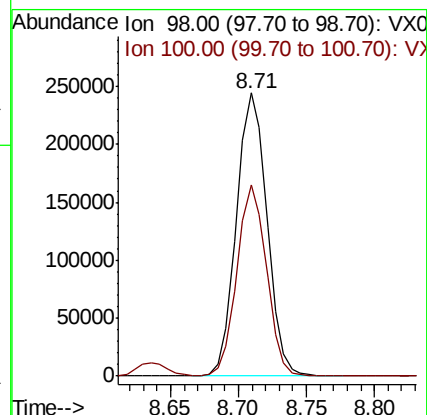
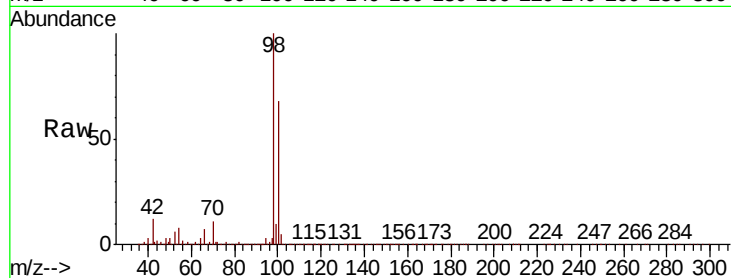
ClientSampled :

Tot Ion: 98 Resp: 382794

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2



#64

Chlorobenzene

Concen: 5.234 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015124.D

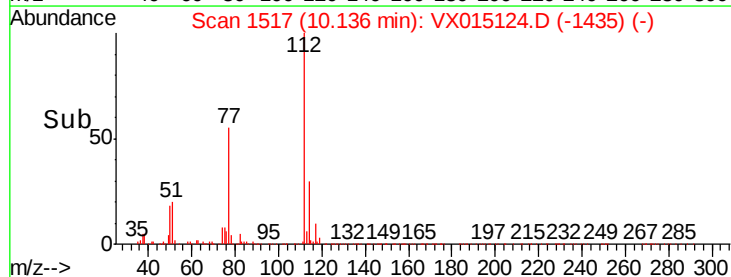
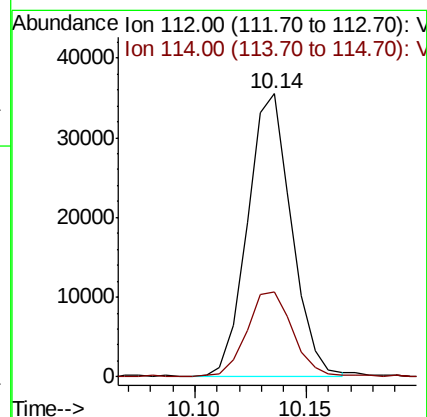
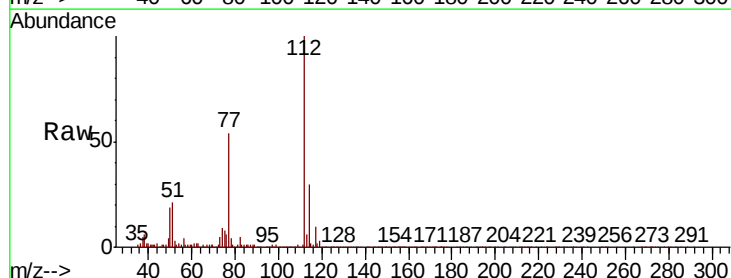
Acq: 06 Mar 2020 14:09

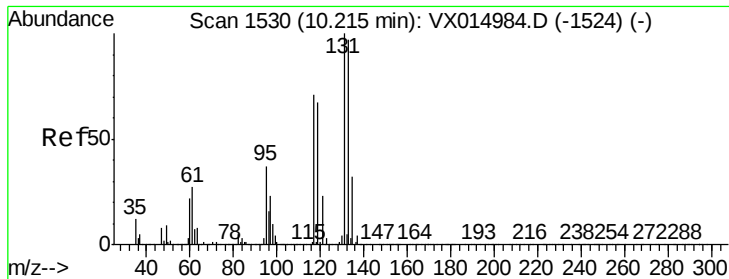
Tgt Ion: 112 Resp: 49051

Ion Ratio Lower Upper

112 100

114 29.6 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 4.938 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

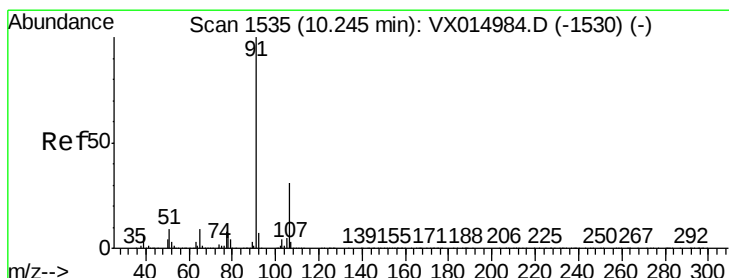
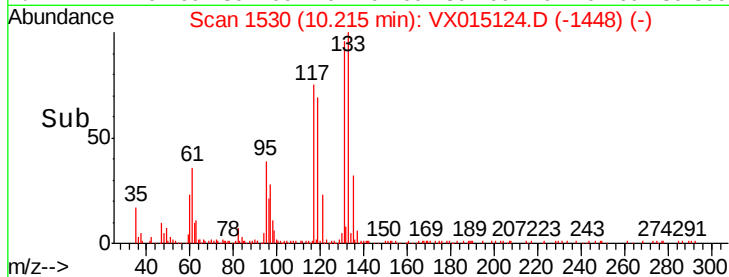
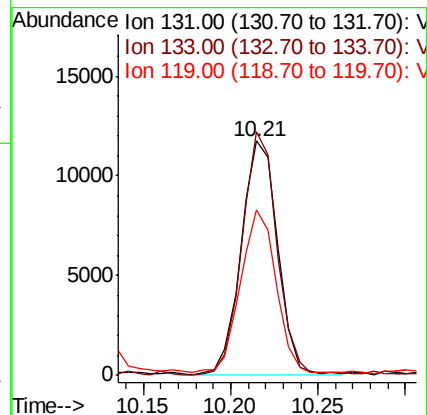
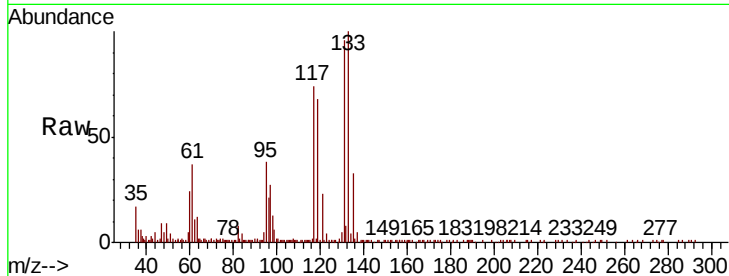
Tot Ion:131 Resp: 17140

Ion Ratio Lower Upper

131 100

133 98.6 0.0 191.4

119 68.2 0.0 132.0



#66

Ethyl Benzene

Concen: 4.973 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015124.D

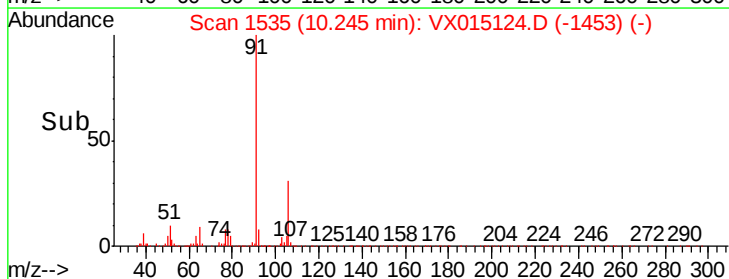
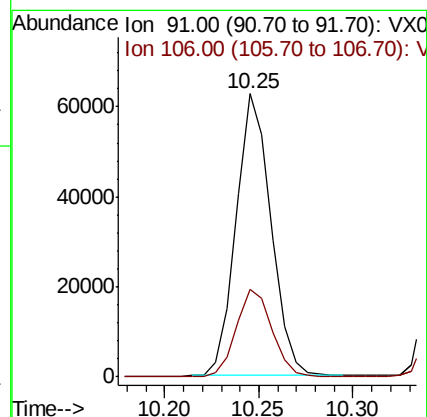
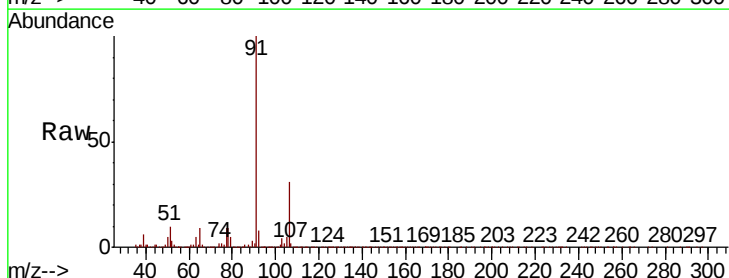
Acq: 06 Mar 2020 14:09

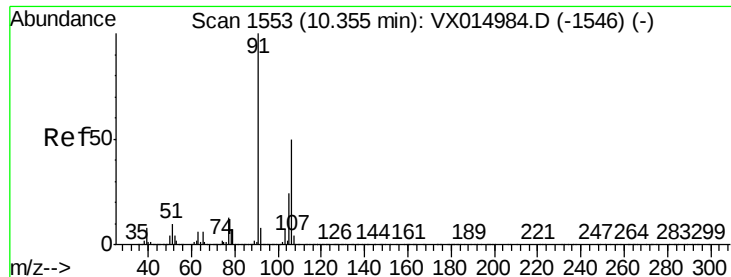
Tgt Ion: 91 Resp: 80421

Ion Ratio Lower Upper

91 100

106 30.5 24.7 37.1

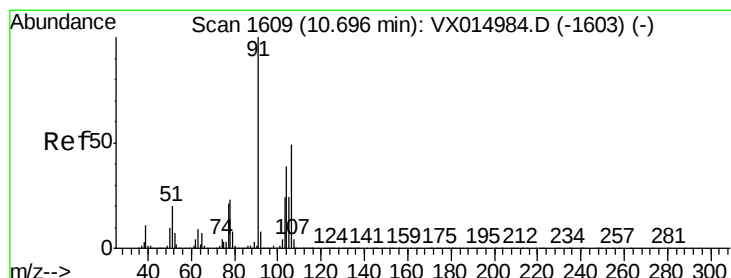
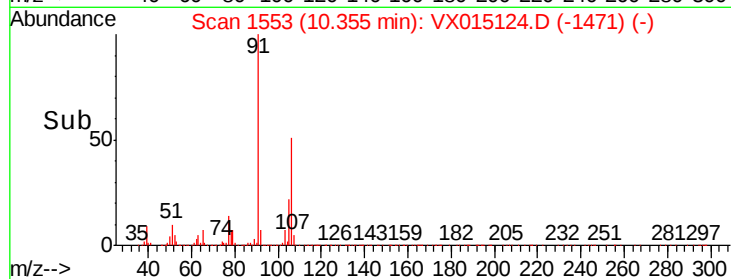
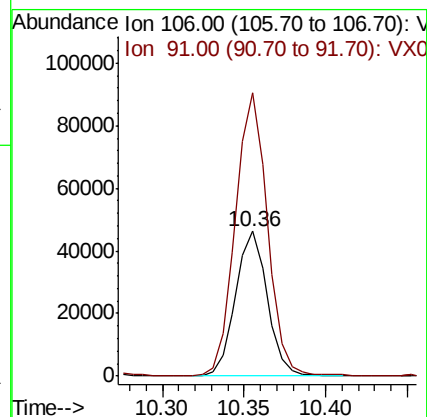
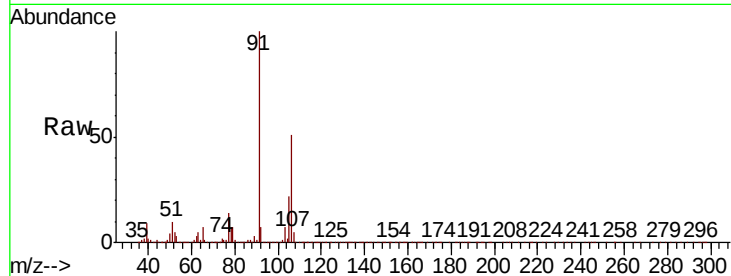




#67
m/p-Xylenes
Concen: 10.084 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

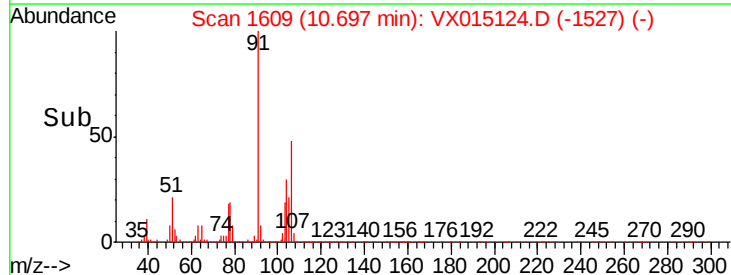
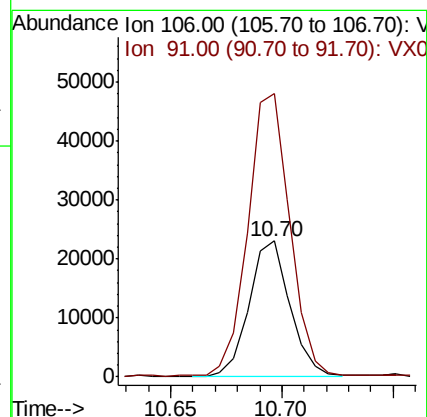
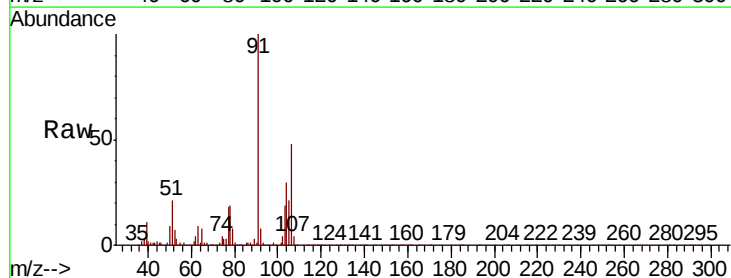
Instrument :
MSVOA_X
ClientSampled :

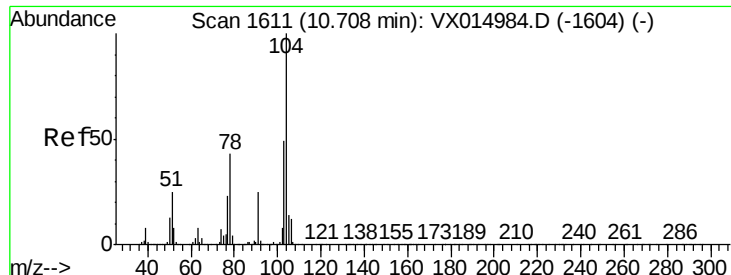
Tot Ion:106 Resp: 62885
Ion Ratio Lower Upper
106 100
91 196.6 160.4 240.6



#68
o-Xylene
Concen: 4.891 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion:106 Resp: 29511
Ion Ratio Lower Upper
106 100
91 213.5 105.3 315.9

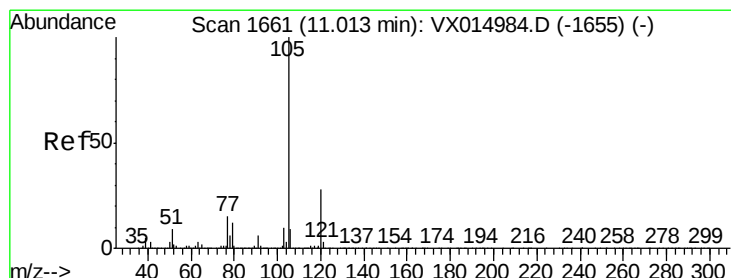
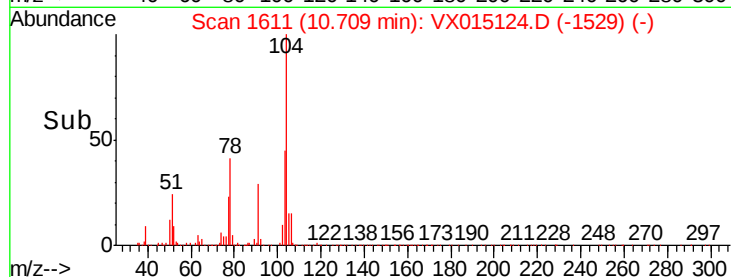
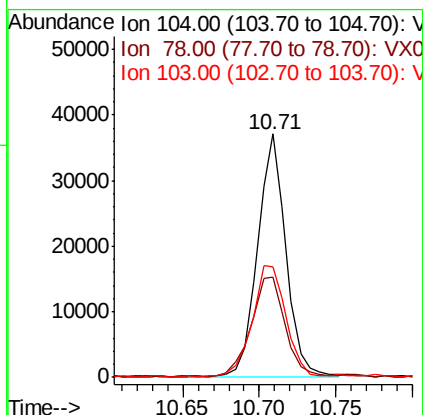
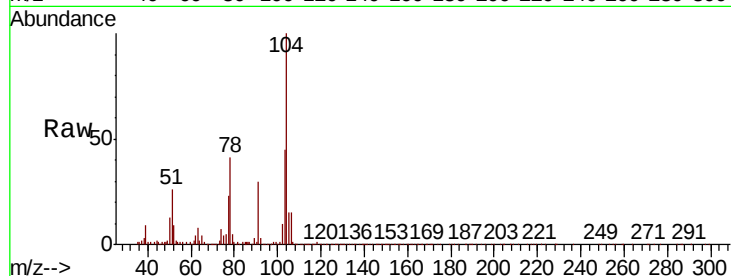




#69
Stvrene
Concen: 4.674 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

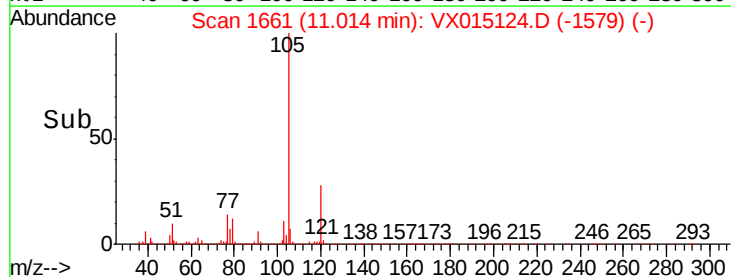
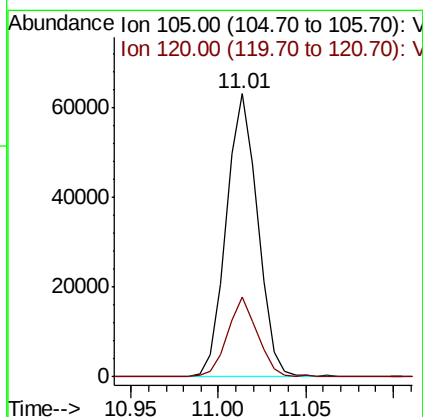
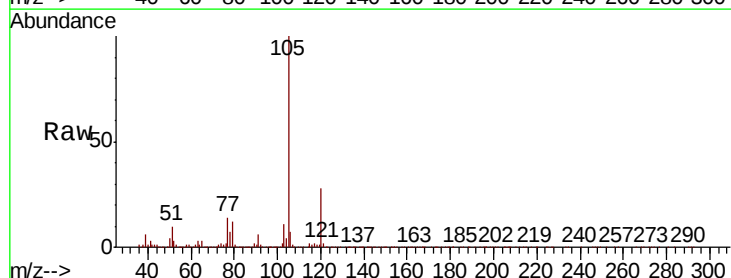
Instrument :
MSVOA_X
ClientSampleId :

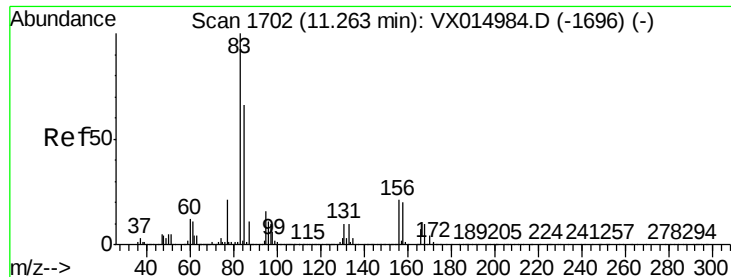
Tot Ion:104 Resp: 48165
Ion Ratio Lower Upper
104 100
78 48.3 39.4 59.2
103 54.1 42.9 64.3



#70
Isopropylbenzene
Concen: 4.895 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion:105 Resp: 78463
Ion Ratio Lower Upper
105 100
120 27.0 18.8 35.0

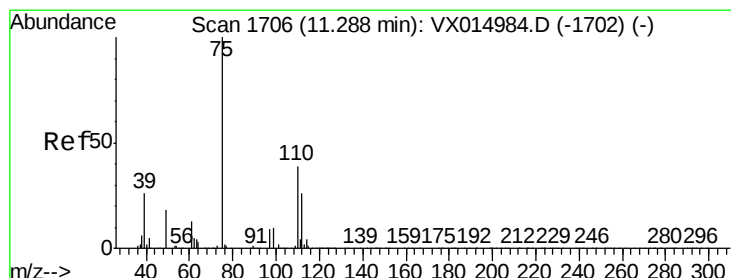
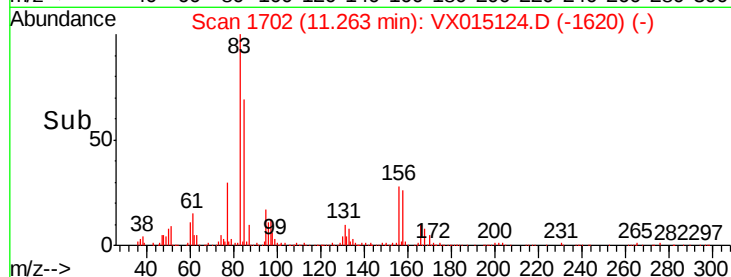
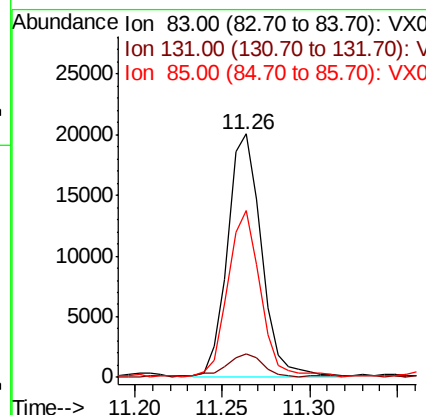
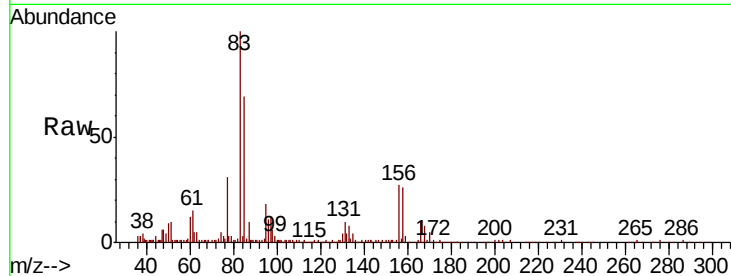




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.206 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

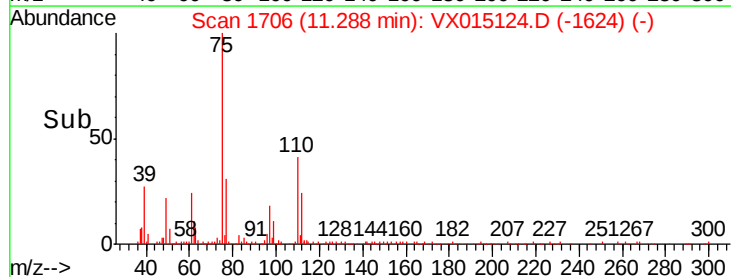
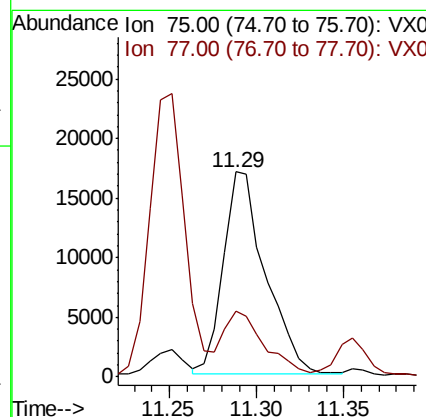
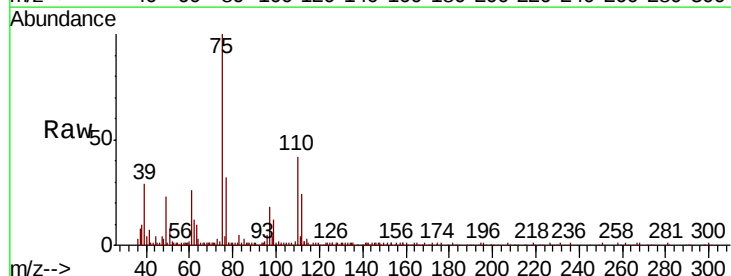
Instrument :
 MSVOA_X
 ClientSampleId :

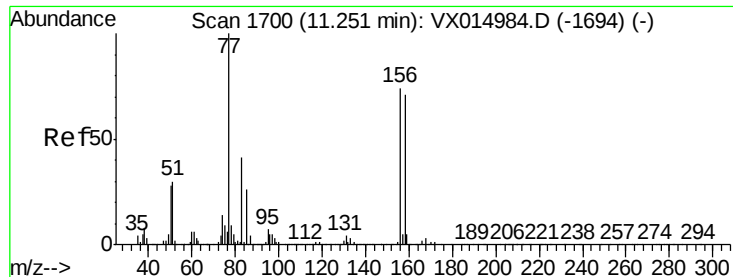
Tot Ion: 83 Resp: 26868
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.4
 85 66.0 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 6.629 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Tgt Ion: 75 Resp: 28378
 Ion Ratio Lower Upper
 75 100
 77 30.8 0.0 75.4





#73

Bromobenzene

Concen: 5.112 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

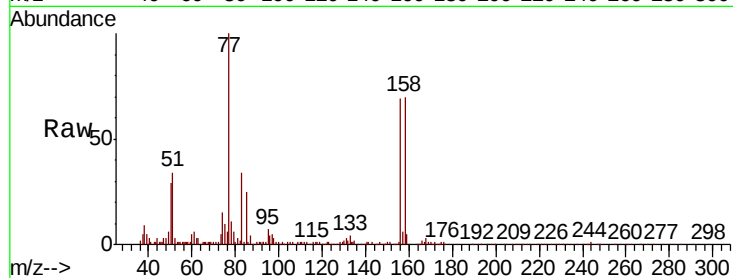
Tot Ion:156 Resp: 22139

Ion Ratio Lower Upper

156 100

77 151.7 0.0 286.8

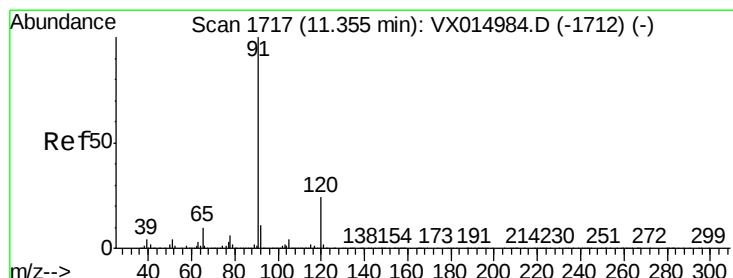
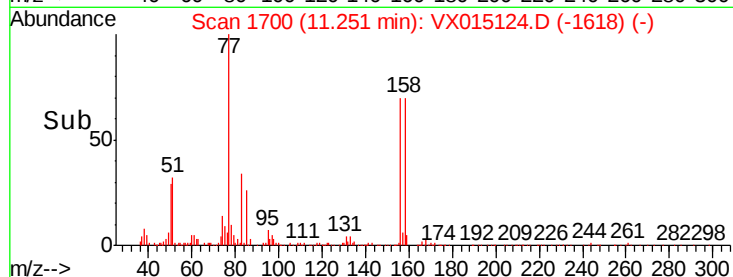
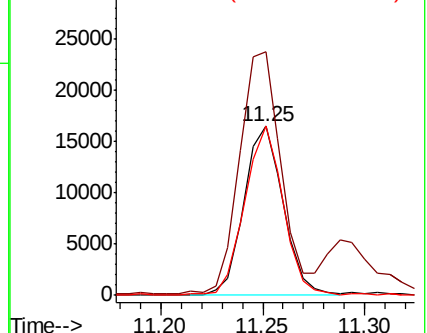
158 96.4 0.0 191.8



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: 4.960 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015124.D

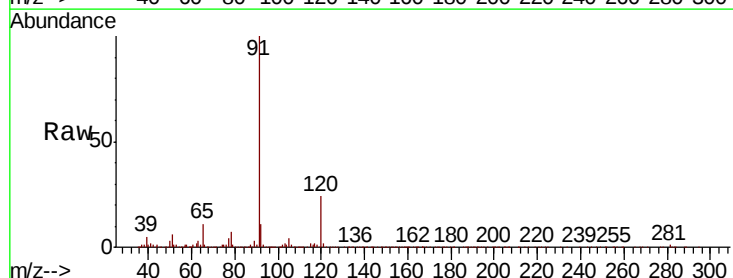
Acq: 06 Mar 2020 14:09

Tgt Ion: 91 Resp: 90480

Ion Ratio Lower Upper

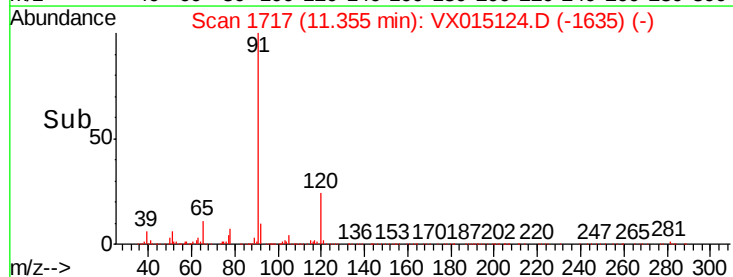
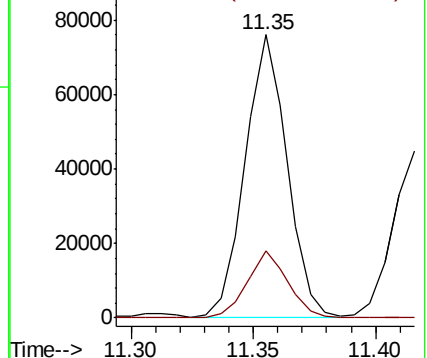
91 100

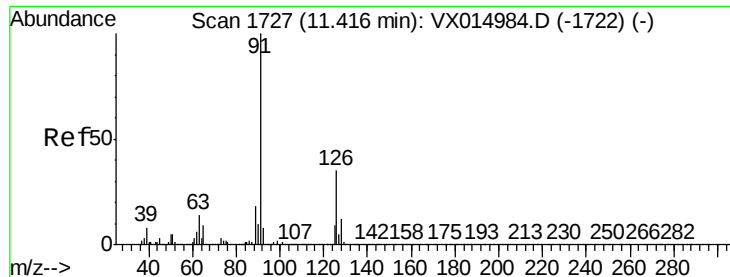
120 22.5 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.106 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

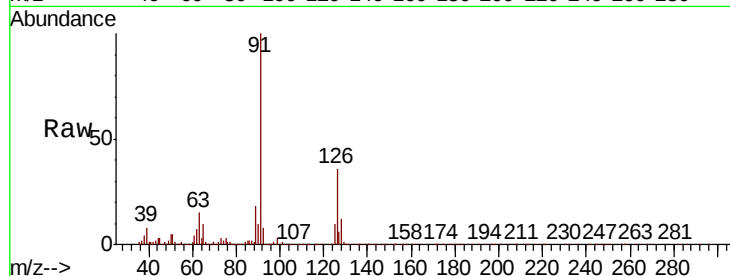
ClientSampleId :

Tot Ion: 91 Resp: 55048

Ion Ratio Lower Upper

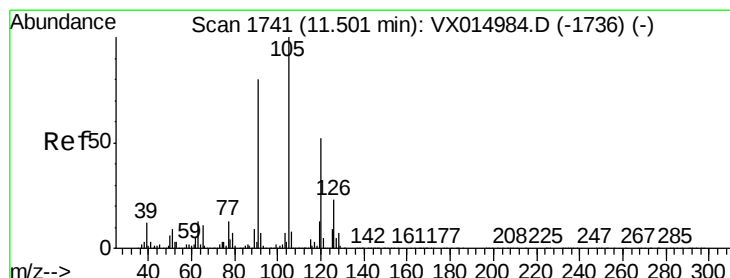
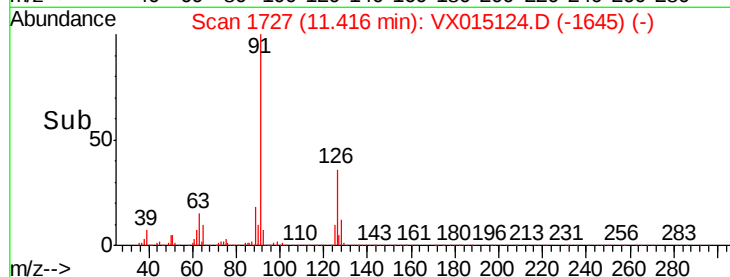
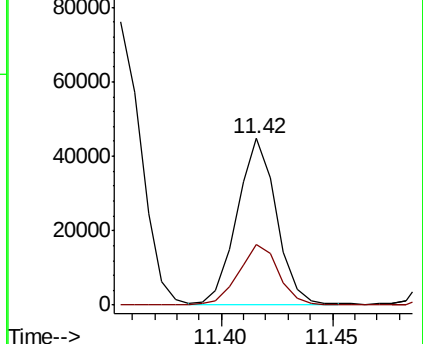
91 100

126 36.8 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX014984.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX014984.D (-1722) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.860 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015124.D

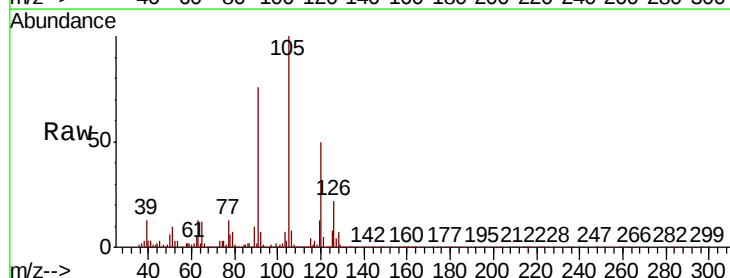
Acq: 06 Mar 2020 14:09

Tgt Ion: 105 Resp: 65282

Ion Ratio Lower Upper

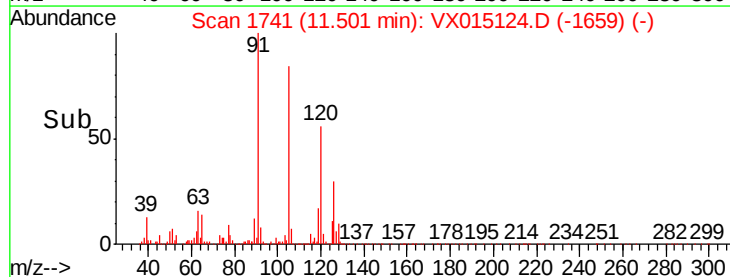
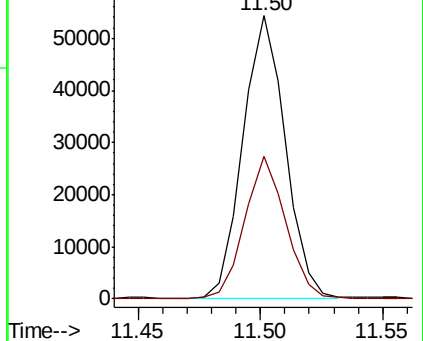
105 100

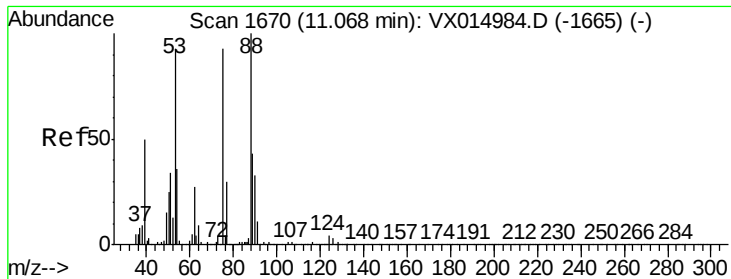
120 48.6 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX014984.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX014984.D (-1736) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 3.871 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

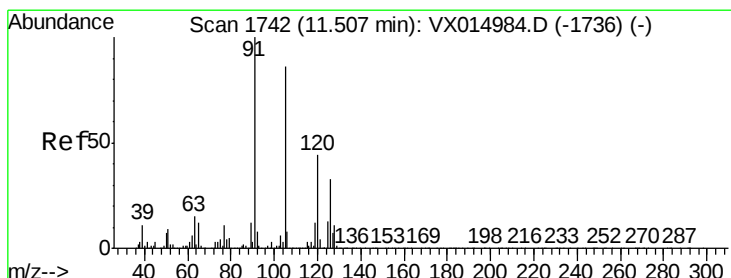
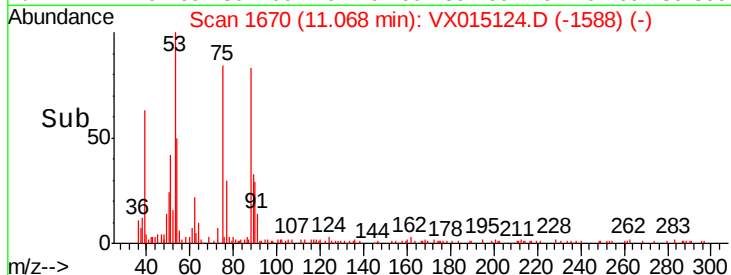
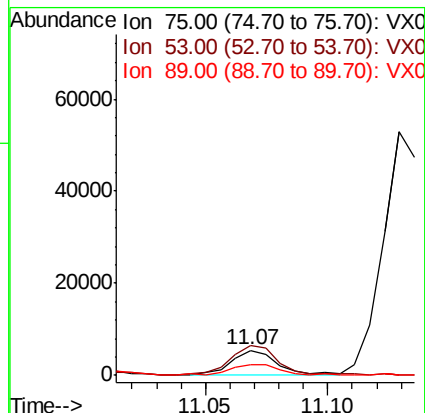
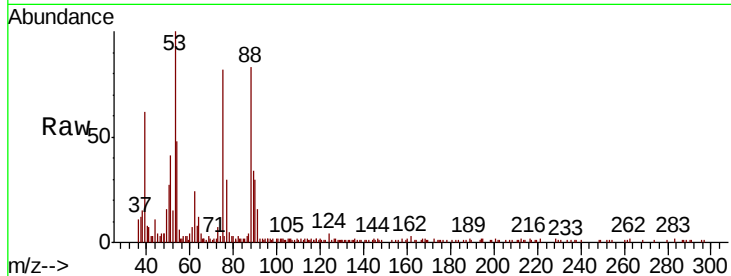
Tot Ion: 75 Resp: 6681

Ion Ratio Lower Upper

75 100

53 119.4 50.0 149.8

89 37.0 23.5 70.5



#78

4-Chlorotoluene

Concen: 4.995 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015124.D

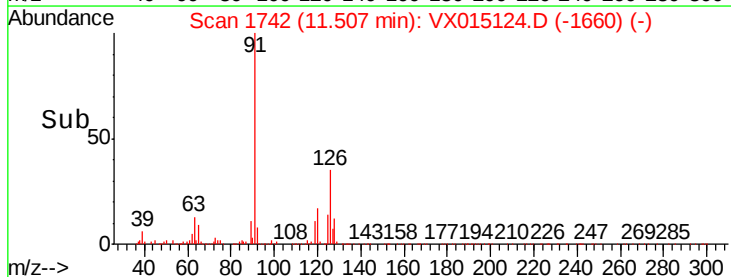
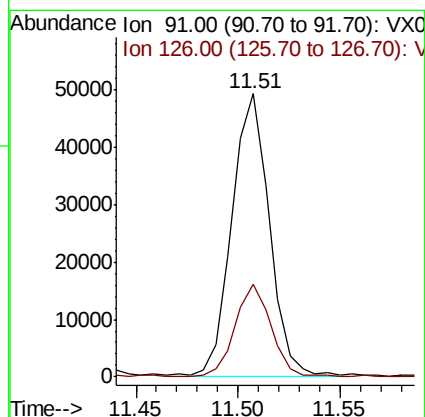
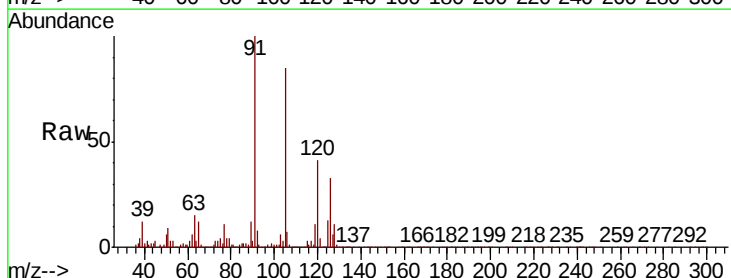
Acq: 06 Mar 2020 14:09

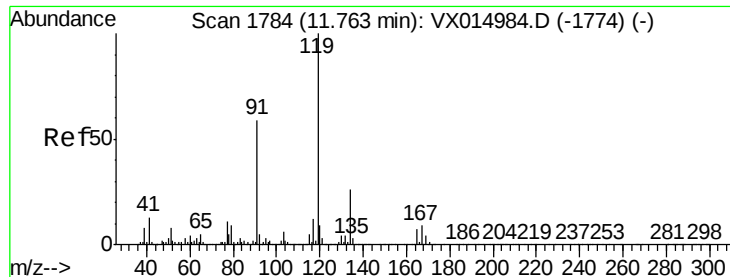
Tgt Ion: 91 Resp: 62286

Ion Ratio Lower Upper

91 100

126 31.3 0.0 62.0





#79

tert-butylbenzene

Concen: 4.801 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

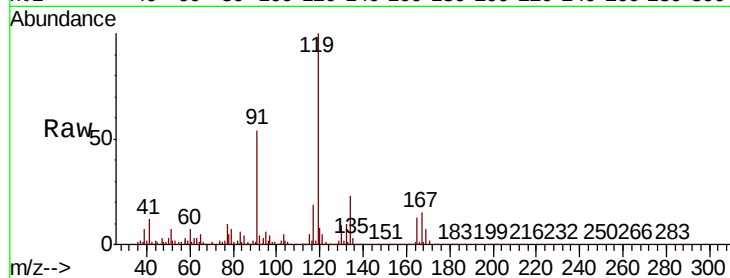
Tot Ion:119 Resp: 62307

Ion Ratio Lower Upper

119 100

91 57.9 0.0 114.4

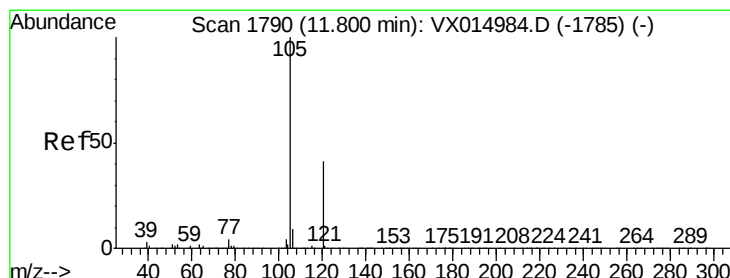
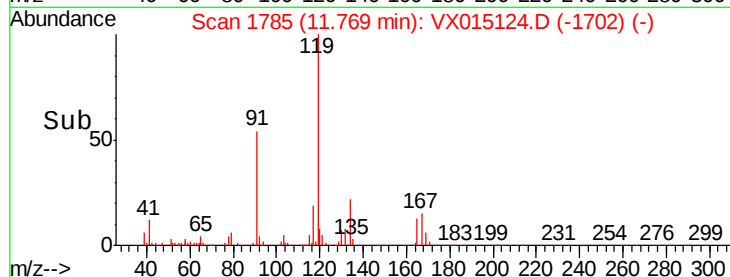
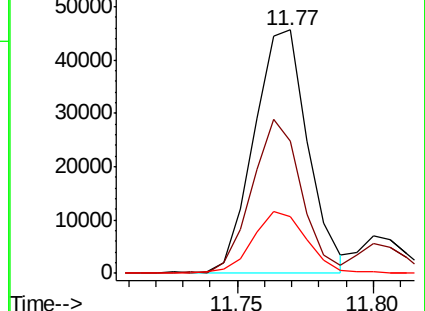
134 25.4 0.0 48.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.784 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015124.D

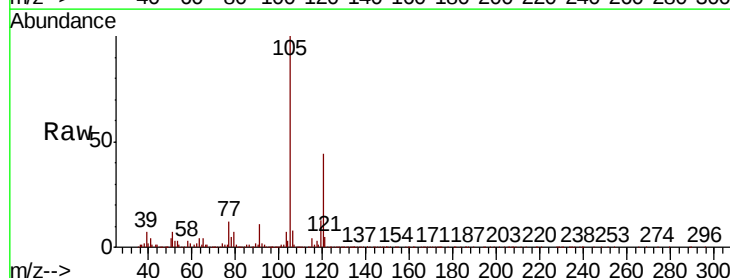
Acq: 06 Mar 2020 14:09

Tgt Ion:105 Resp: 63887

Ion Ratio Lower Upper

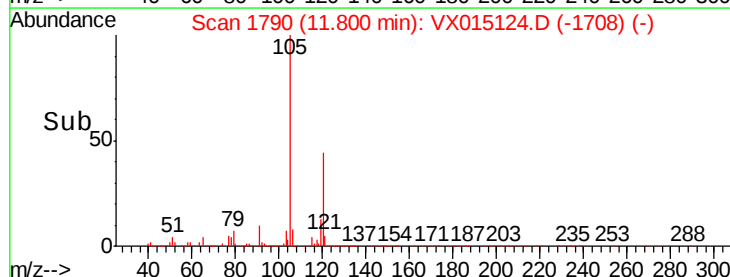
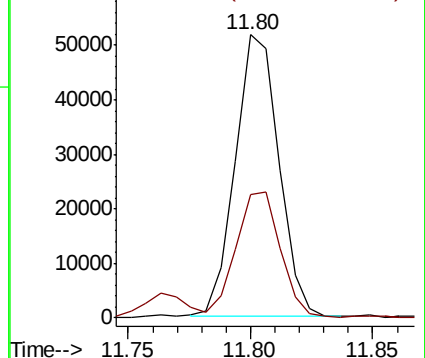
105 100

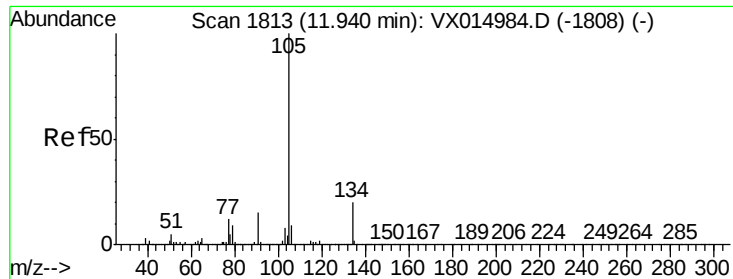
120 45.6 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 4.740 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

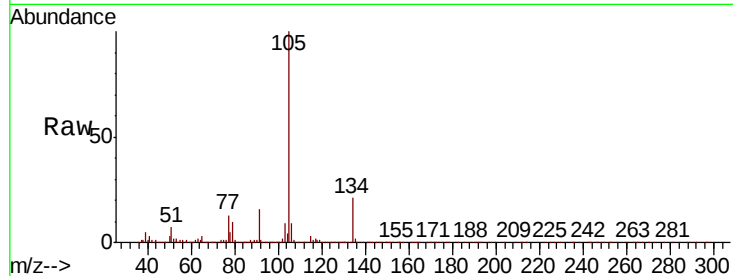
ClientSampleId :

Tot Ion:105 Resp: 73663

Ion Ratio Lower Upper

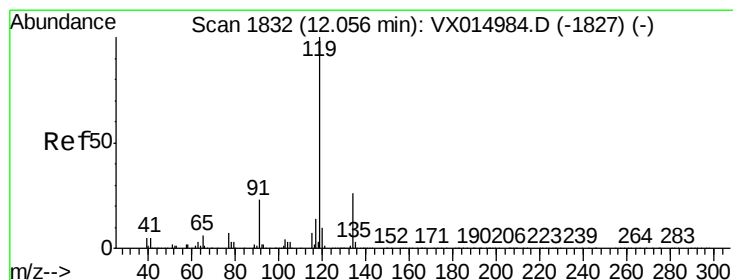
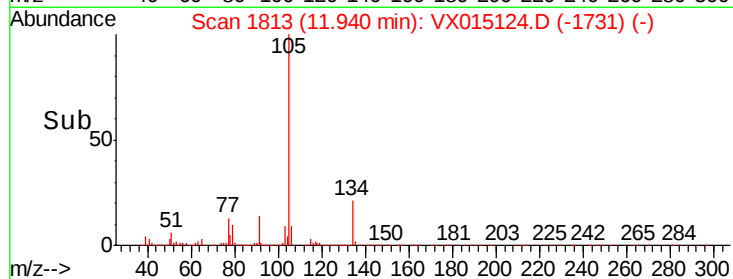
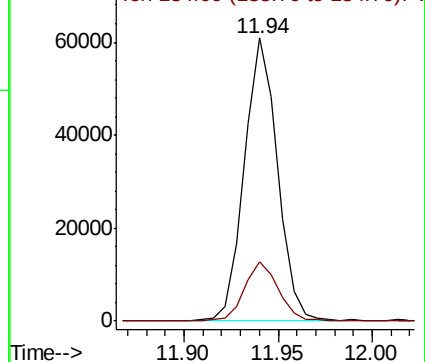
105 100

134 21.4 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: 4.730 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

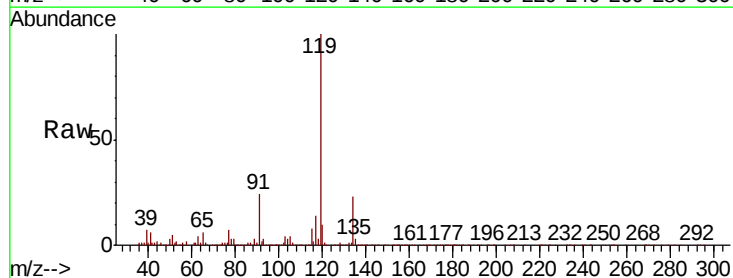
Tgt Ion:119 Resp: 68294

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.2

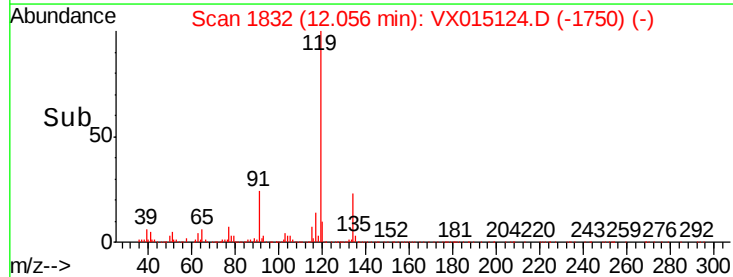
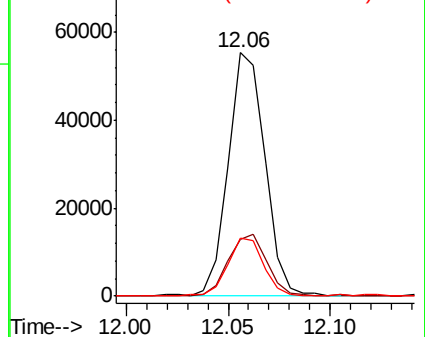
91 22.4 0.0 44.6

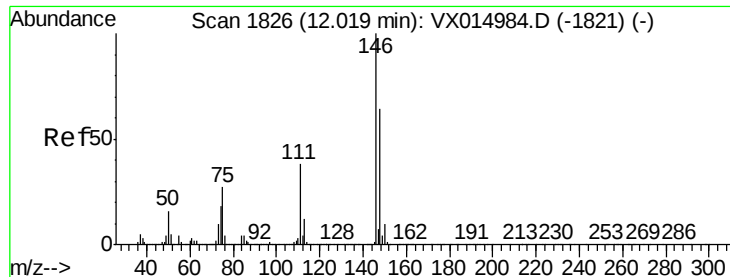


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 5.025 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :

MSVOA_X

ClientSampleId :

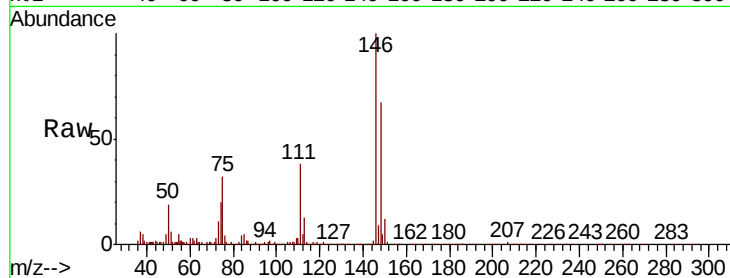
Tot Ion:146 Resp: 38146

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

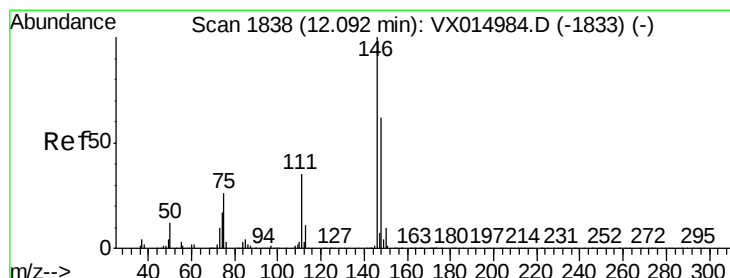
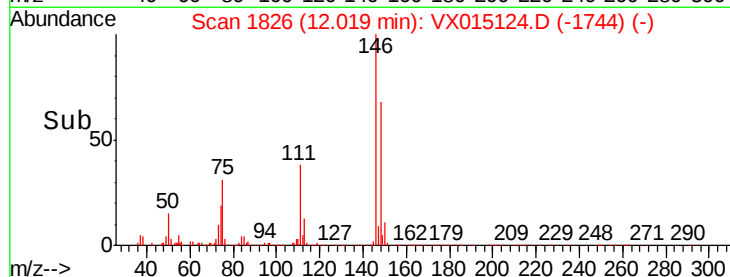
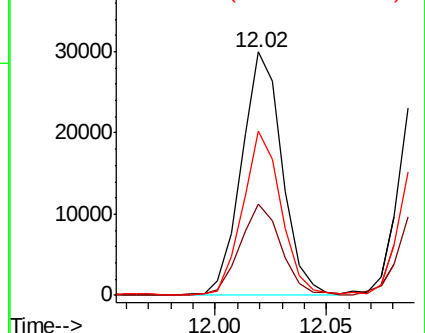
148 63.4 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 5.167 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

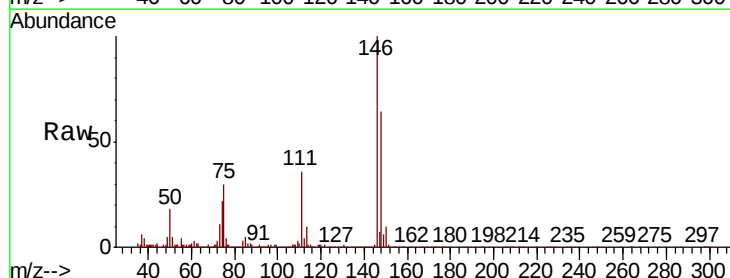
Tgt Ion:146 Resp: 39499

Ion Ratio Lower Upper

146 100

111 37.2 17.8 53.5

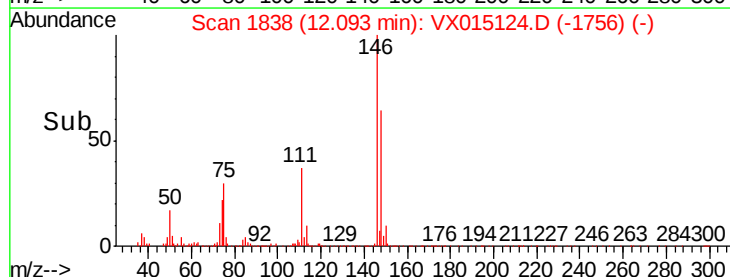
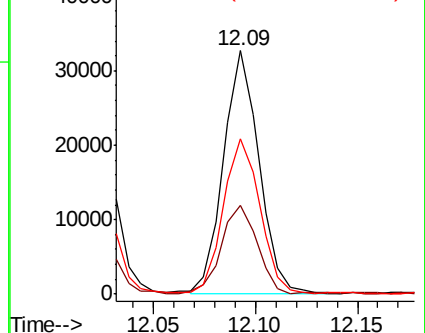
148 65.2 31.4 94.2

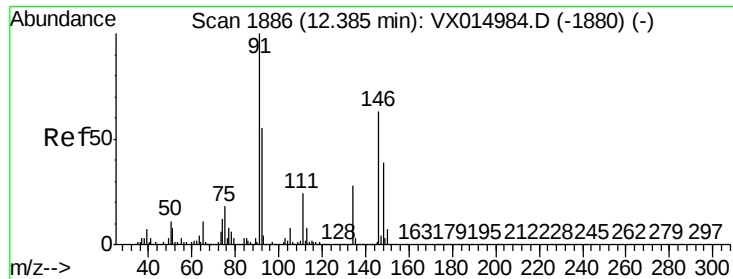


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

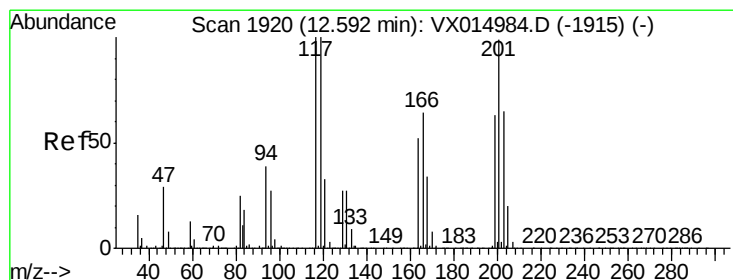
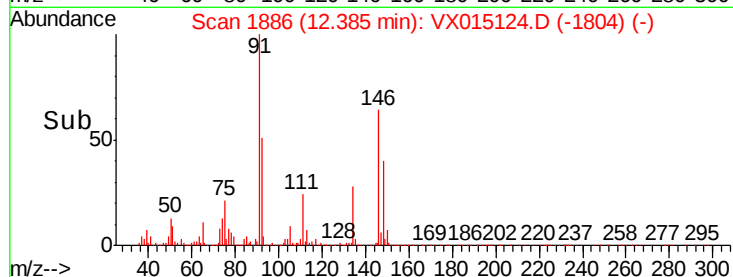
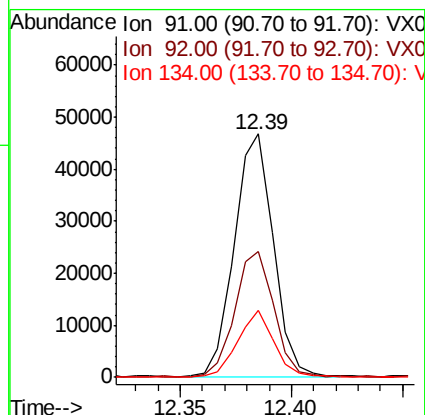
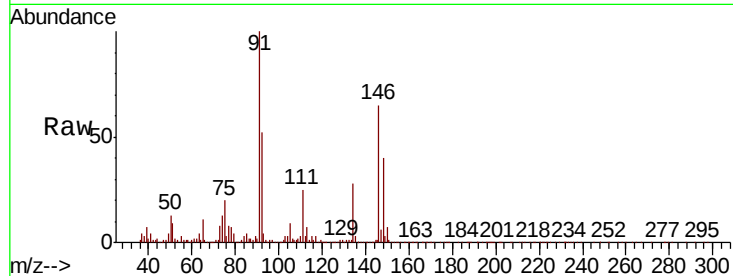




#85
n-Butylbenzene
Concen: 4.539 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

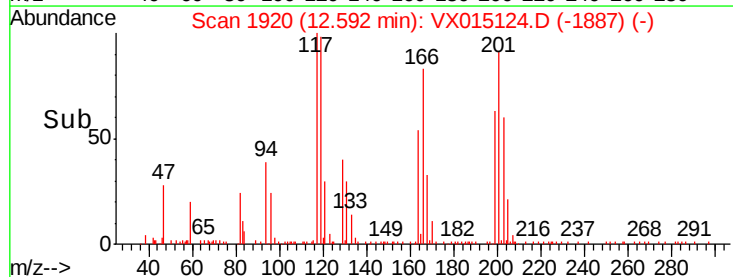
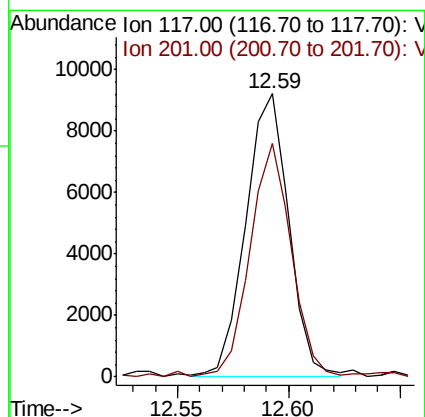
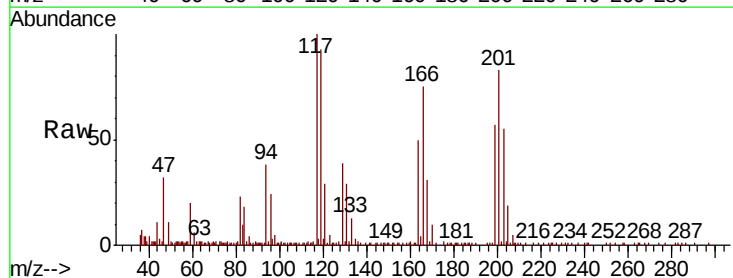
Instrument :
MSVOA_X
ClientSampleId :

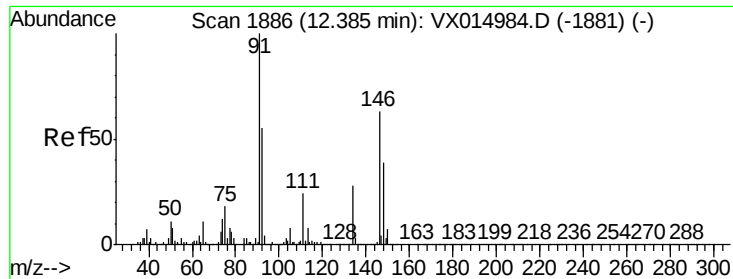
Tot Ion: 91 Resp: 57027
Ion Ratio Lower Upper
91 100
92 51.8 0.0 109.8
134 25.8 0.0 54.8



#86
Hexachloroethane
Concen: 4.714 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion: 117 Resp: 12302
Ion Ratio Lower Upper
117 100
201 79.8 45.6 136.7





#87

1,2-Dichlorobenzene

Concen: 5.127 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

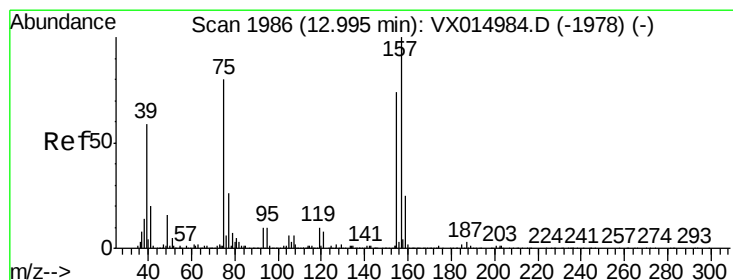
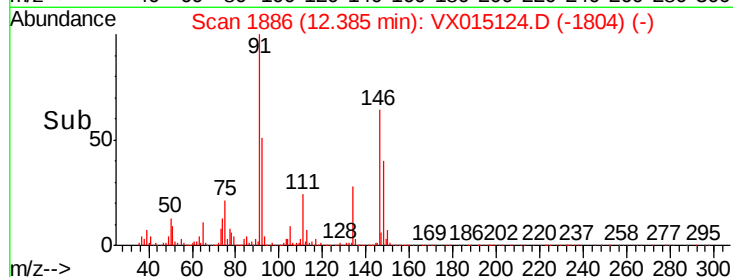
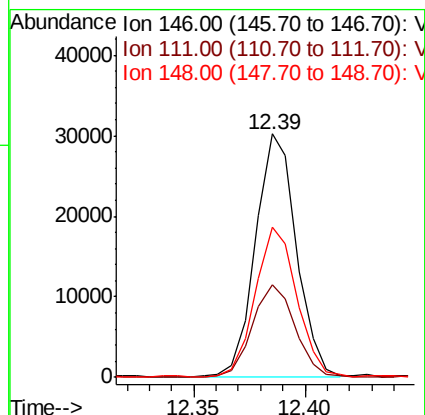
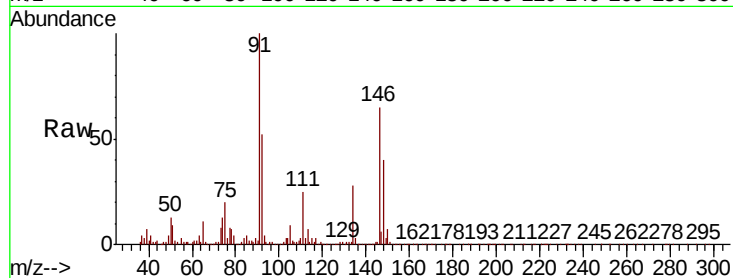
Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 38733

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	63.2	32.0	96.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.128 ug/l

RT: 12.99 min Scan# 1986

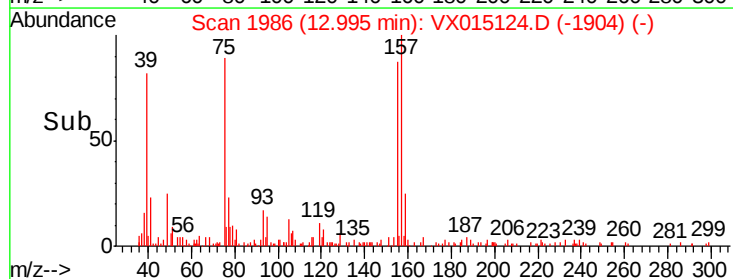
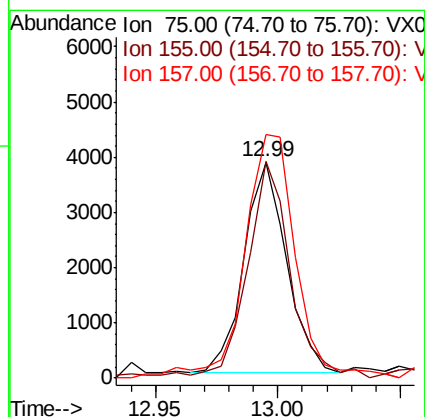
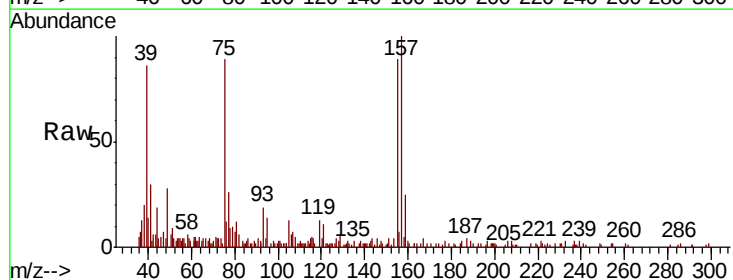
Delta R.T. 0.00 min

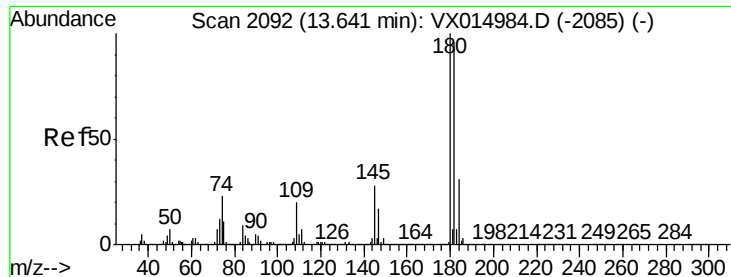
Lab File: VX015124.D

Acq: 06 Mar 2020 14:09

Tgt Ion: 75 Resp: 4640

Ion	Ratio	Lower	Upper
75	100		
155	104.4	74.5	111.7
157	131.8	96.2	144.4

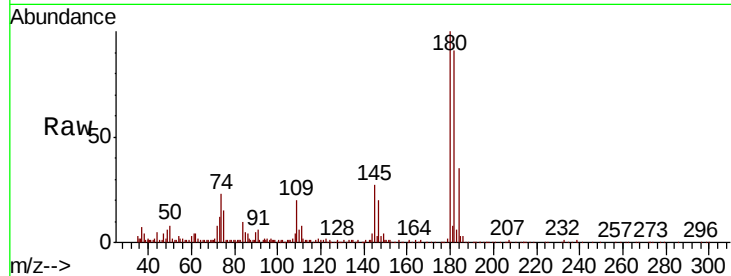




#89
 1,2,4-Trichlorobenzene
 Concen: 4.573 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
145	28.4	21.8	32.6

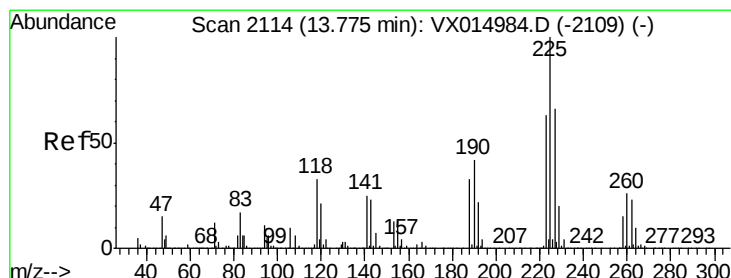
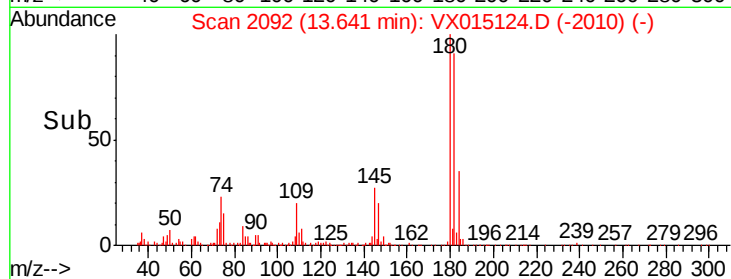
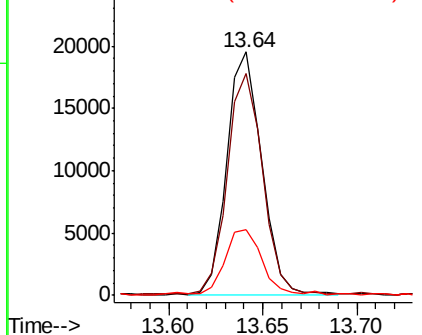


Abundance

Ion 180.00 (179.70 to 180.70): V

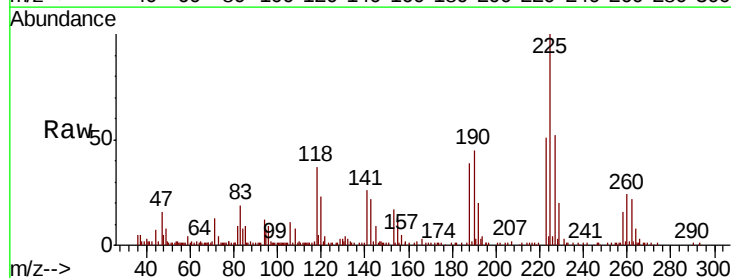
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 4.875 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015124.D
 Acq: 06 Mar 2020 14:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	0.0	132.0
227	60.5	0.0	131.0

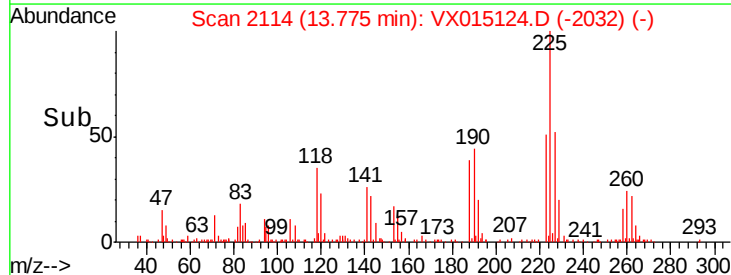
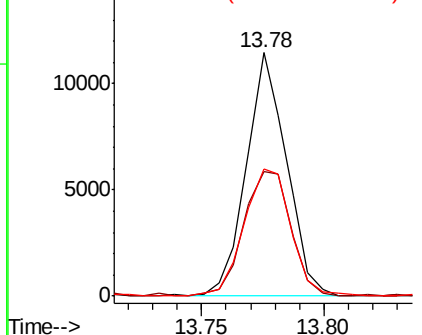


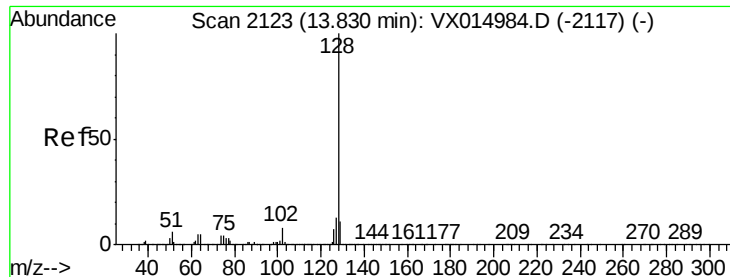
Abundance

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

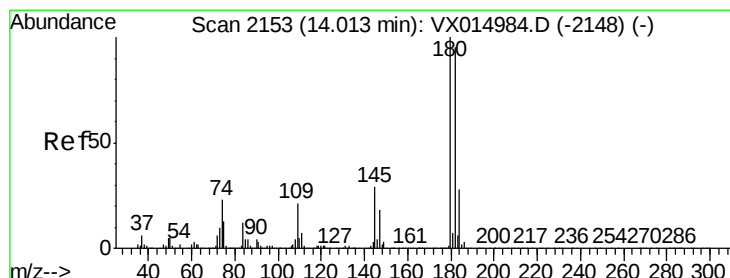
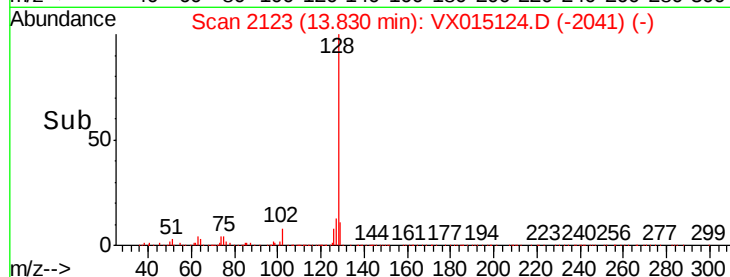
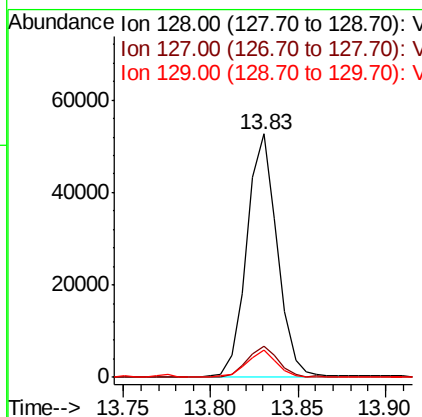
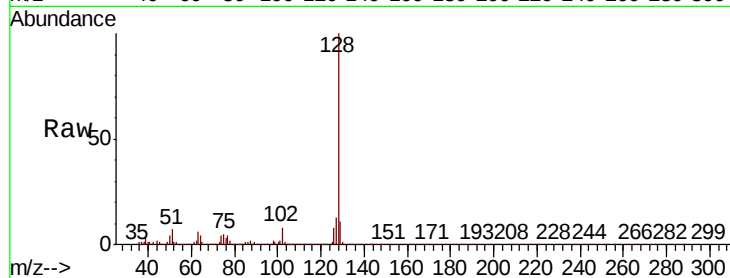




#91
Naphthalene
Concen: 4.170 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 64137
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 4.671 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015124.D
Acq: 06 Mar 2020 14:09

Tgt Ion:180 Resp: 25192
Ion Ratio Lower Upper
180 100
182 96.1 0.0 192.4
145 30.1 0.0 60.4

