

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014862.D
 Acq On : 07 Feb 2020 10:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 22:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	72449	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	406185	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	368851	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155655	30.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.90%
60) 4-Bromofluorobenzene	11.13	95	178878	30.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.03%
63) Toluene-d8	8.71	98	490813	29.46	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	105631	21.097	ug/l 100
3) Chloromethane	1.32	50	100545	18.342	ug/l 96
4) Vinyl Chloride	1.40	62	118098	19.187	ug/l 100
5) Bromomethane	1.64	94	78459	20.427	ug/l 98
6) Chloroethane	1.72	64	66065	19.040	ug/l 99
7) Trichlorofluoromethane	1.93	101	148249	21.753	ug/l 100
8) Diethyl Ether	2.18	74	60490	20.320	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86153	21.607	ug/l 96
10) 1,1-Dichloroethene	2.37	96	82627	20.602	ug/l 98
11) Methyl Iodide	2.51	142	103778	19.294	ug/l 98
12) Methyl Acetate	2.76	43	144353	19.924	ug/l 100
13) Acrolein	2.28	56	67725	88.994	ug/l 98
14) Acrylonitrile	3.13	53	233069	94.015	ug/l 98
15) Acetone	2.43	58	66096	79.529	ug/l 76
16) Carbon Disulfide	2.56	76	212854	19.324	ug/l 99
17) Allyl chloride	2.72	41	140623	18.946	ug/l 88
18) Methylene Chloride	2.85	84	95644	20.376	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	89353	20.696	ug/l 97
20) Diisopropyl ether	3.84	45	295212	20.103	ug/l 96
21) 1,1-Dichloroethane	3.69	63	161008	20.182	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	104203	21.003	ug/l 99
23) tert-Butyl Alcohol	3.01	59	101477	98.978	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	290957	21.799	ug/l 99
25) Chloroform	5.20	83	161690	20.922	ug/l 98
26) Cyclohexane	5.57	56	145250	19.738	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	123603	20.749	ug/l 99
30) 2-Butanone	4.65	43	332093	88.005	ug/l 98
31) 2,2-Dichloropropane	4.57	77	141220	22.156	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	140841	21.371	ug/l 99
33) Carbon Tetrachloride	5.78	117	121743	21.517	ug/l 99
34) Benzene	6.13	78	368133	19.999	ug/l 98
35) Methacrylonitrile	5.03	41	70421	18.685	ug/l 95
36) 1,2-Dichloroethane	6.18	62	133688	20.869	ug/l 99
37) Trichloroethene	7.20	130	105515	20.935	ug/l 94
38) Methylcyclohexane	7.46	83	153952	20.757	ug/l 98
39) 1,2-Dichloropropane	7.50	63	92930	19.414	ug/l 92
40) Dibromomethane	7.65	93	62796	20.413	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	122310	20.303	ug/l	98
42) Vinyl Acetate	3.80	43	1145260	98.467	ug/l	100
43) Ethyl Acetate	4.82	43	128997	18.884	ug/l #	85
44) Isopropyl Acetate	6.43	43	215618	19.566	ug/l	99
45) 1,4-Dioxane	7.73	88	42758	387.890	ug/l	97
46) Methyl methacrylate	7.76	41	105465	19.461	ug/l	97
47) n-amyl Acetate	10.89	43	179479	19.438	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	140215	21.319	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	154088	20.792	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	96341	20.581	ug/l	99
51) Ethyl methacrylate	9.17	69	143902	19.744	ug/l	98
52) 1,3-Dichloropropane	9.36	76	161742	20.394	ug/l	100
53) Dibromochloromethane	9.57	129	100894	21.072	ug/l	99
54) 1,2-Dibromoethane	9.67	107	102413	21.095	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	322216	96.194	ug/l	98
56) Bromoform	10.85	173	77125	20.912	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	661918	95.294	ug/l	98
59) 2-Hexanone	9.48	43	514727	95.817	ug/l	99
61) Tetrachloroethene	9.33	164	112711	20.674	ug/l	99
62) Toluene	8.78	91	401906	20.537	ug/l	99
64) Chlorobenzene	10.13	112	259207	21.218	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	96285	21.340	ug/l	100
66) Ethyl Benzene	10.25	91	450362	21.129	ug/l	98
67) m/p-Xylenes	10.36	106	341808	41.865	ug/l	98
68) o-Xylene	10.70	106	166025	20.882	ug/l	99
69) Styrene	10.71	104	280197	20.801	ug/l	99
70) Isopropylbenzene	11.01	105	453441	21.770	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	137858	19.649	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	159846	26.635	ug/l	95
73) Bromobenzene	11.25	156	120350	21.797	ug/l	96
74) n-propylbenzene	11.35	91	515327	21.652	ug/l	98
75) 2-Chlorotoluene	11.42	91	300281	21.051	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	374798	21.595	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	47076	20.381	ug/l	93
78) 4-Chlorotoluene	11.51	91	347470	21.449	ug/l	98
79) tert-butylbenzene	11.76	119	363920	22.410	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	372794	21.536	ug/l	99
81) sec-Butylbenzene	11.94	105	439583	21.875	ug/l	98
82) p-Isopropyltoluene	12.06	119	407380	22.207	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	214711	22.271	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	214981	22.492	ug/l	99
85) n-Butylbenzene	12.39	91	347757	21.666	ug/l	99
86) Hexachloroethane	12.59	117	68303	20.763	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	208391	21.423	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	31757	21.189	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	151033	23.523	ug/l	99
90) Hexachlorobutadiene	13.78	225	76836	23.949	ug/l	99
91) Naphthalene	13.83	128	438288	22.614	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	151822	23.231	ug/l	100

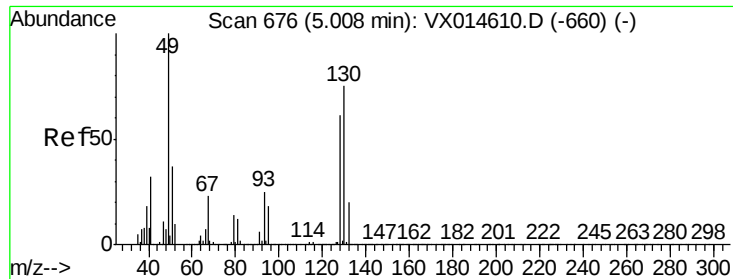
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

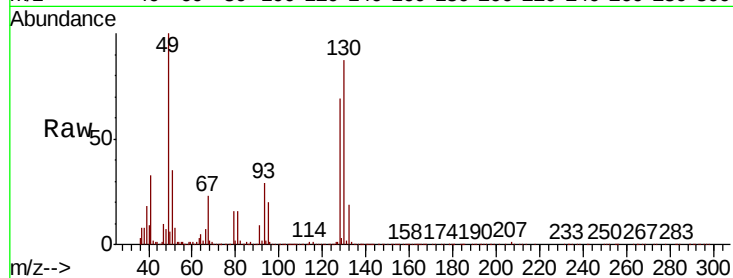


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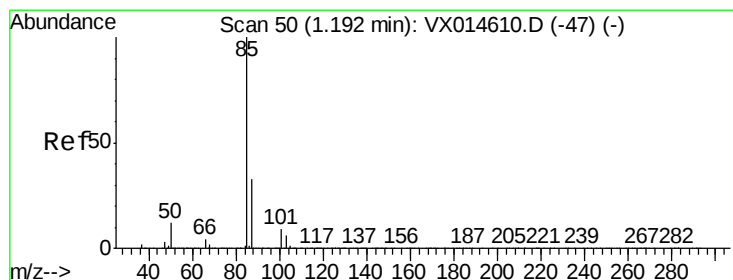
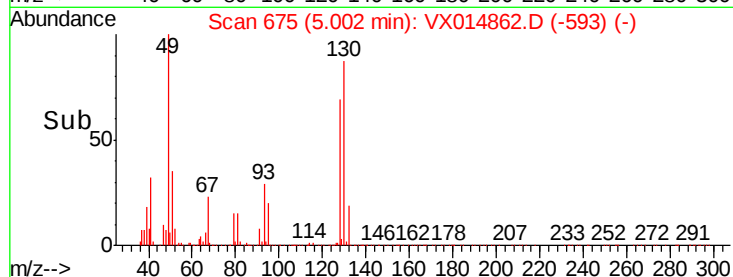
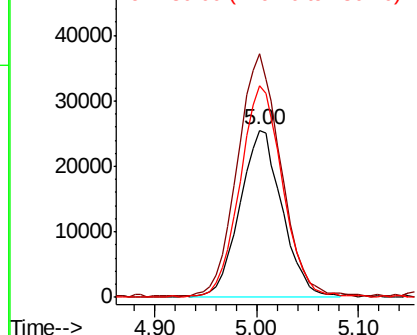
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	148.6	0.0	405.0
130	129.4	0.0	321.5



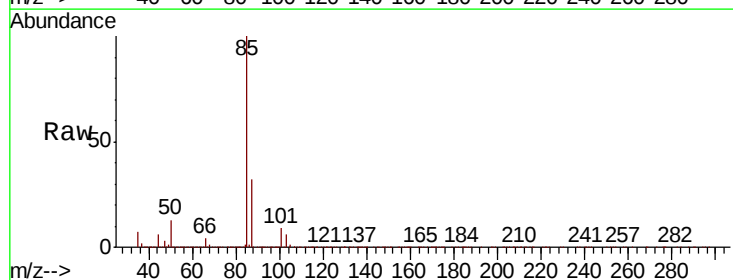
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



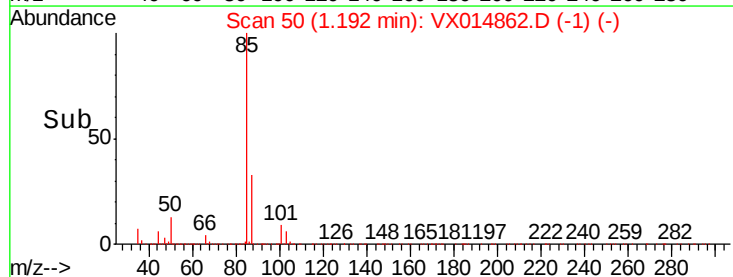
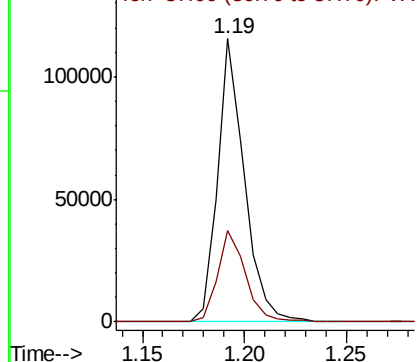
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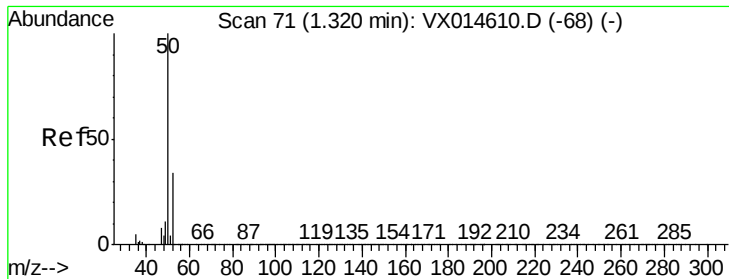
Dichlorodifluoromethane
 Concen: 21.097 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.9



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

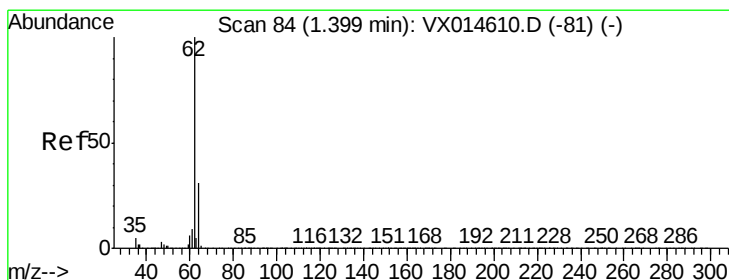
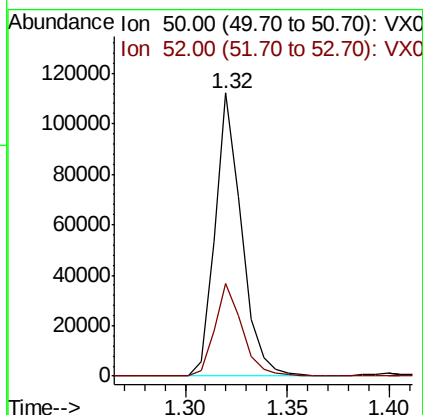
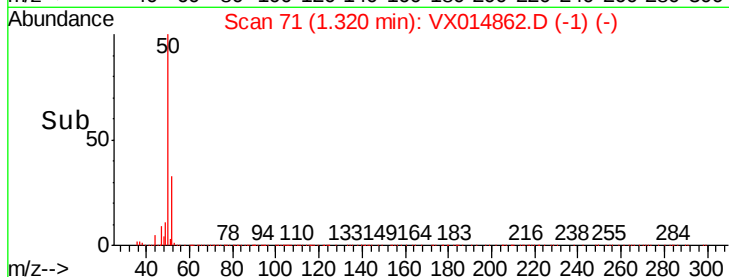
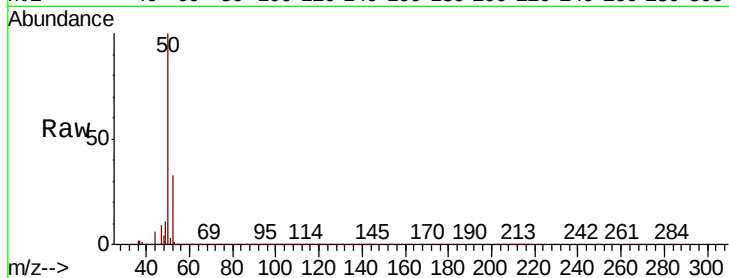




#3
Chloromethane
Concen: 18.342 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

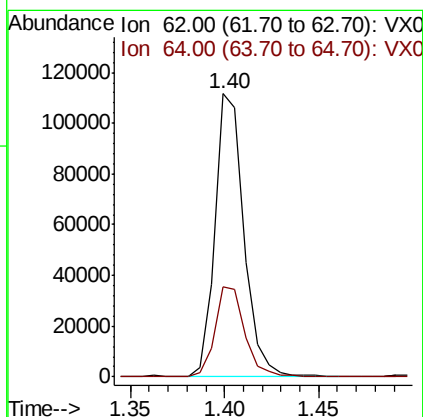
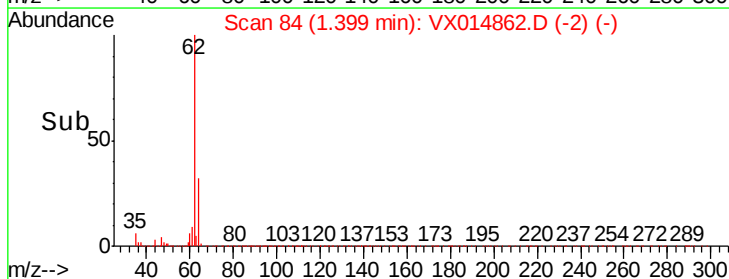
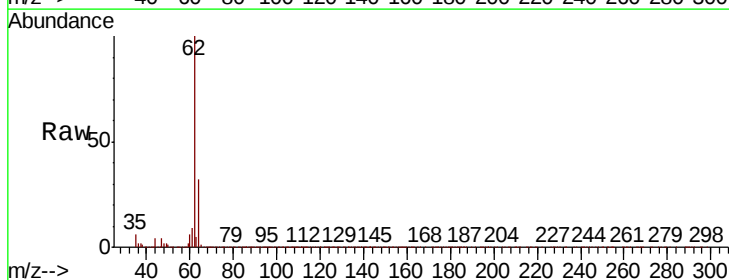
Instrument :
MSVOA_X
ClientSampleId :

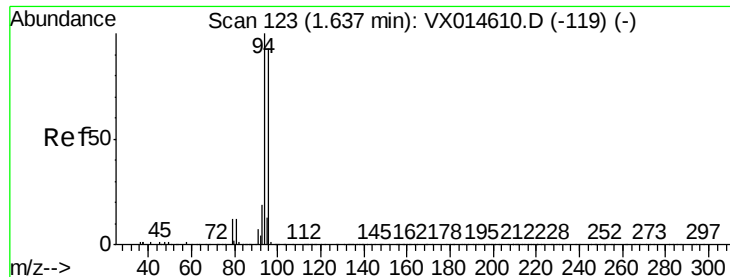
Tot Ion: 50 Resp: 100545
Ion Ratio Lower Upper
50 100
52 32.6 24.3 36.5



#4
Vinyl Chloride
Concen: 19.187 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion: 62 Resp: 118098
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 20.427 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

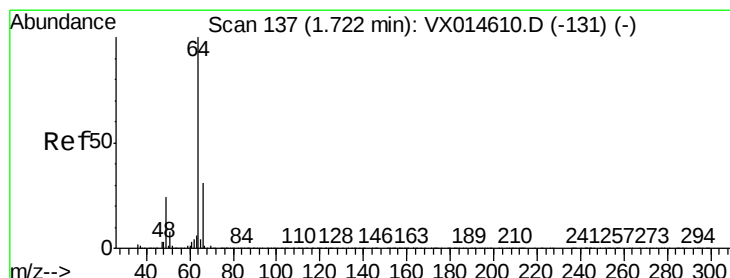
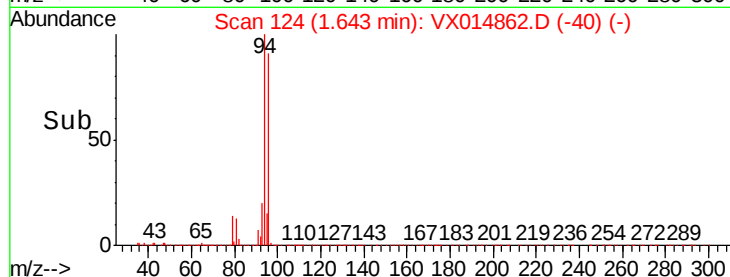
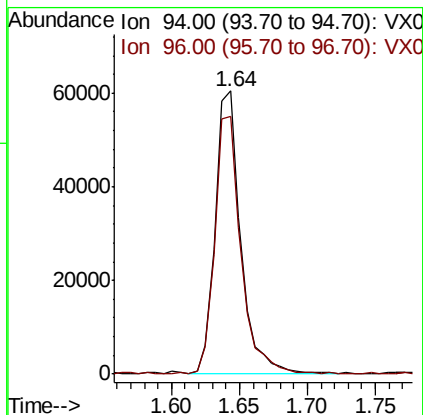
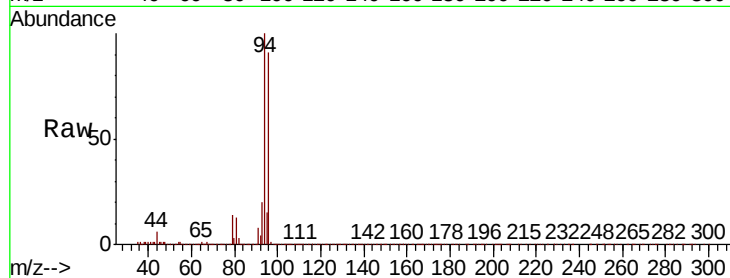
ClientSampleId :

Tot Ion: 94 Resp: 78459

Ion Ratio Lower Upper

94 100

96 91.2 74.4 111.6



#6

Chloroethane

Concen: 19.040 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014862.D

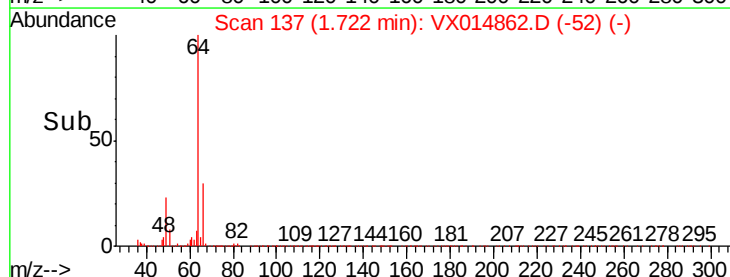
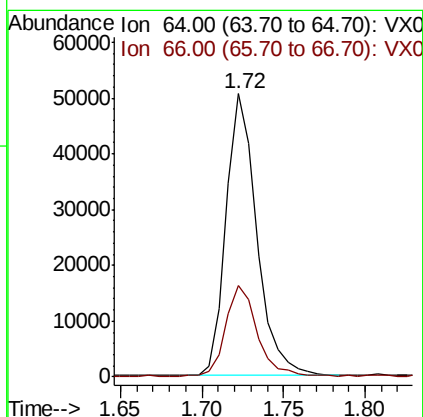
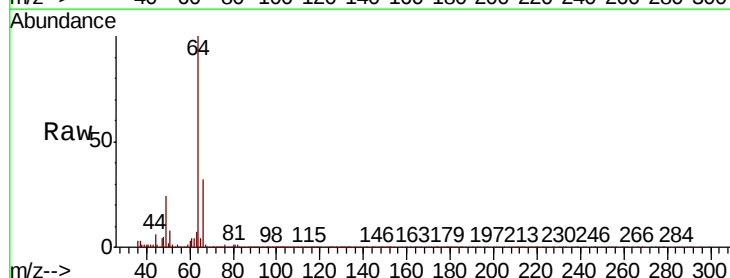
Acq: 07 Feb 2020 10:37

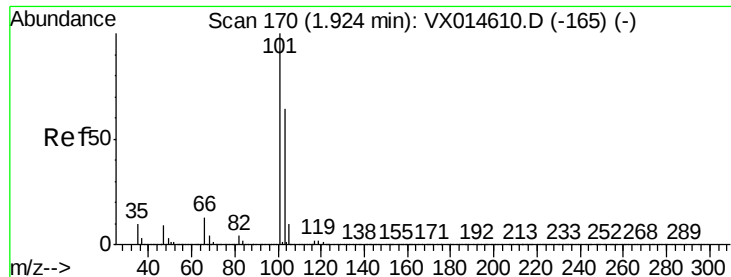
Tgt Ion: 64 Resp: 66065

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



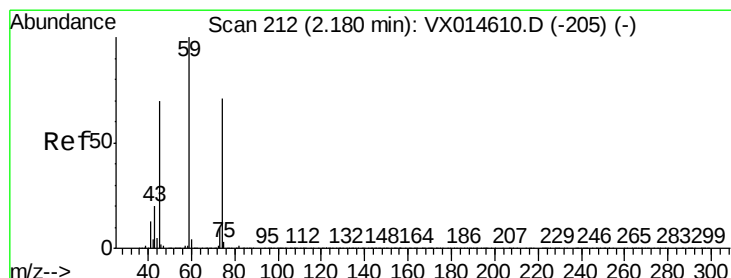
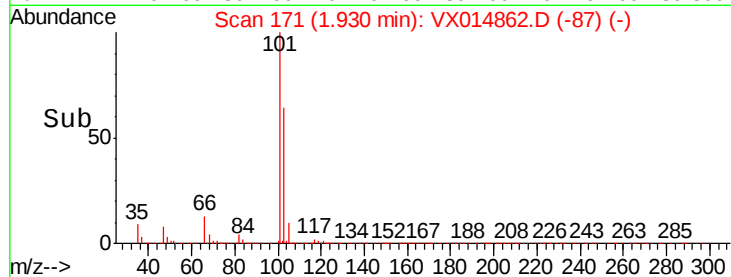
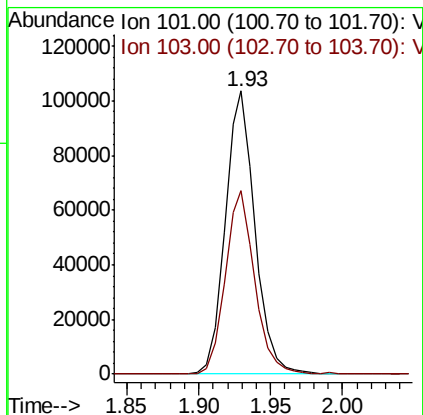
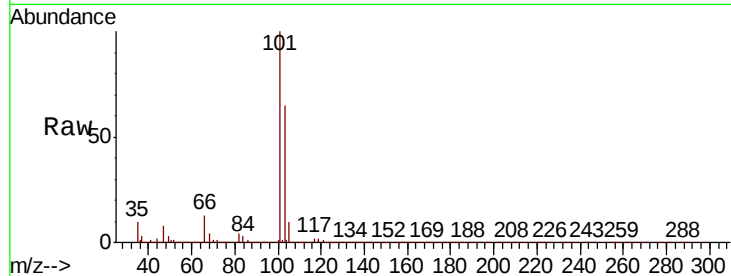


#7

Trichlorofluoromethane
Concen: 21.753 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Instrument :
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ClientSampleId :

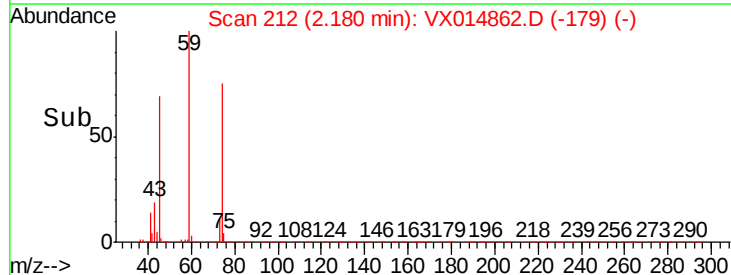
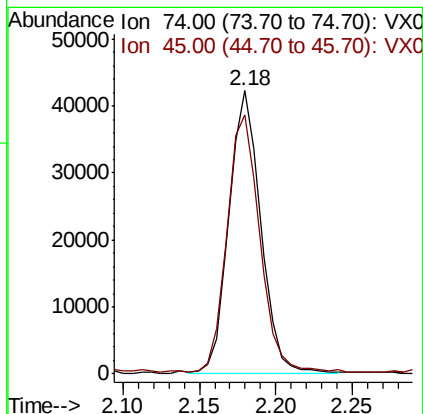
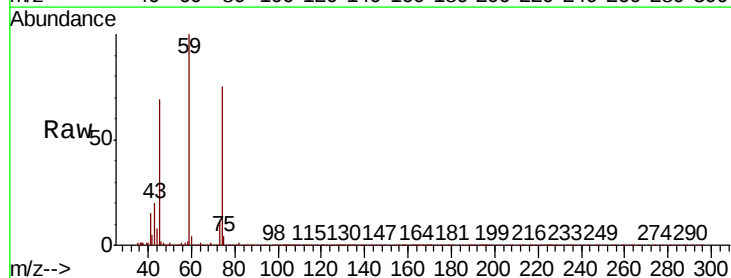
Tot Ion:101 Resp: 148249
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

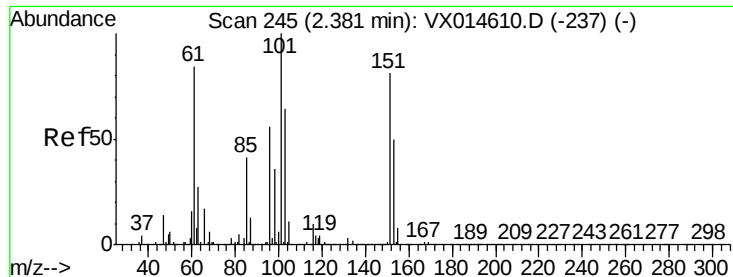


#8

Diethyl Ether
Concen: 20.320 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion: 74 Resp: 60490
Ion Ratio Lower Upper
74 100
45 93.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.607 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014862.D

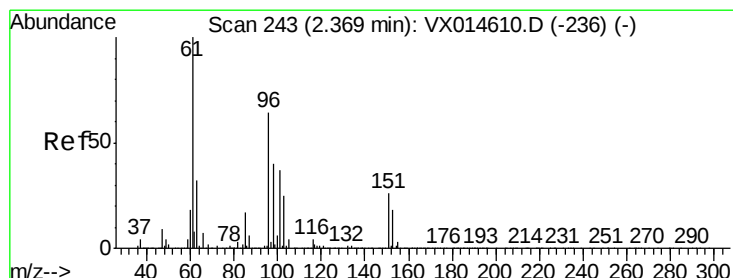
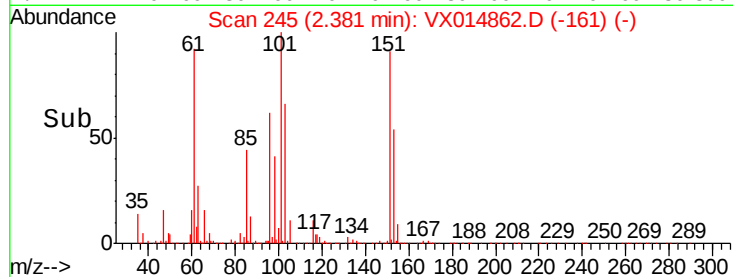
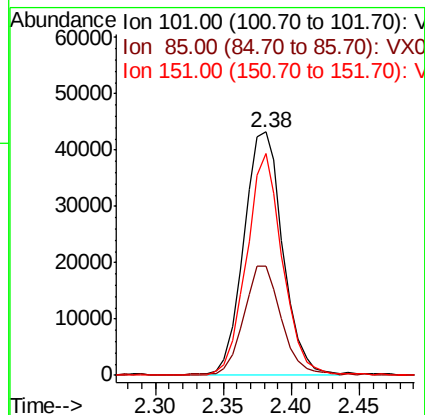
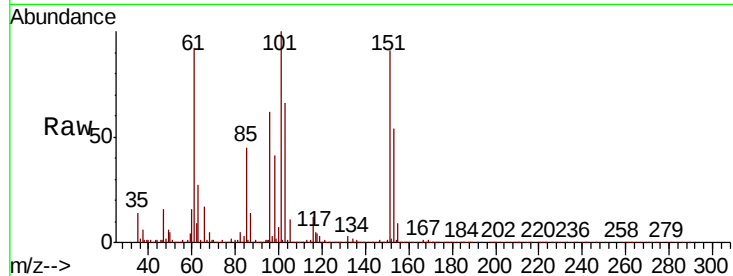
Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	86153
Ion	Ratio	Lower	Upper
101	100		
85	43.3	0.0	85.6
151	84.2	0.0	159.4



#10

1,1-Dichloroethene

Concen: 20.602 ug/l

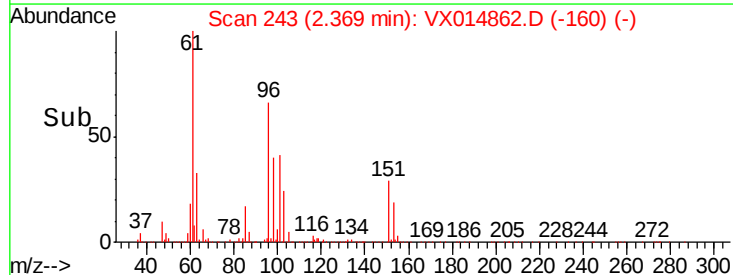
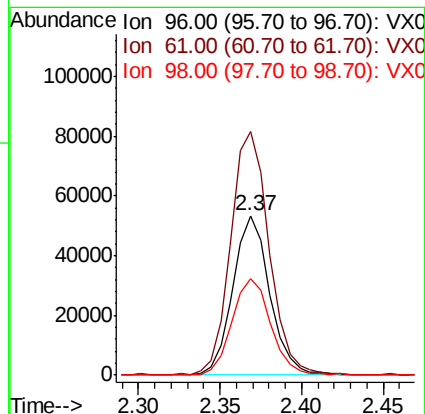
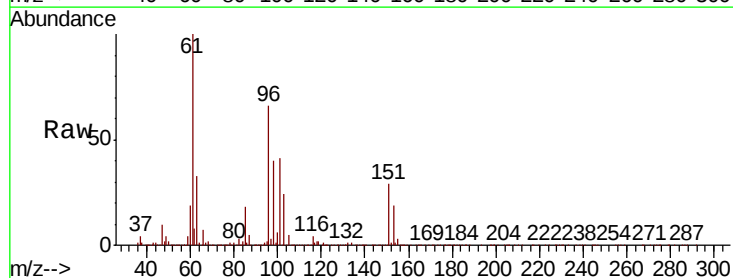
RT: 2.37 min Scan# 243

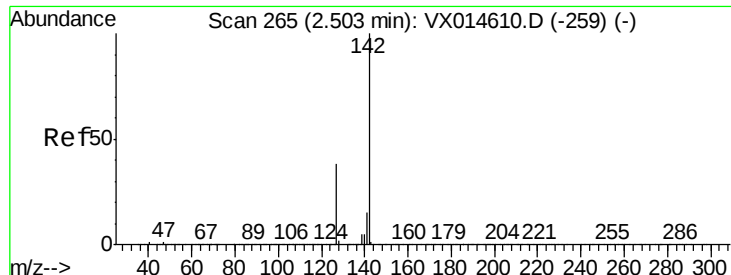
Delta R.T. 0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Tgt Ion:	96	Resp:	82627
Ion	Ratio	Lower	Upper
96	100		
61	152.8	123.0	184.6
98	60.3	51.4	77.0

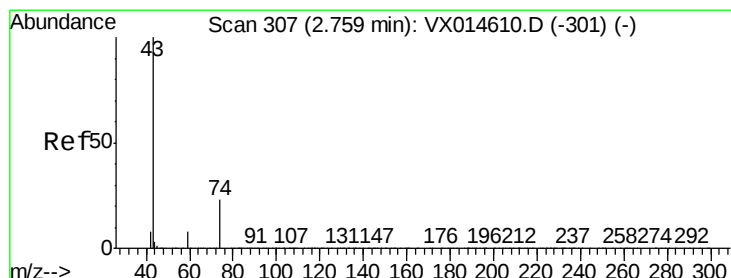
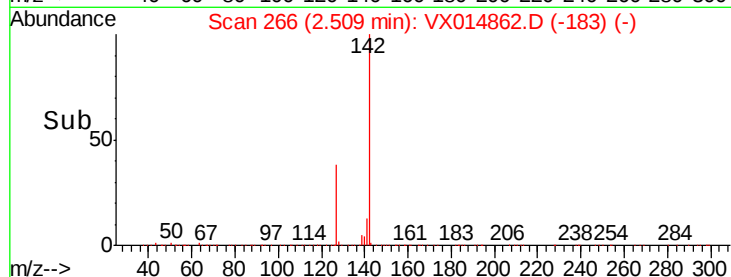
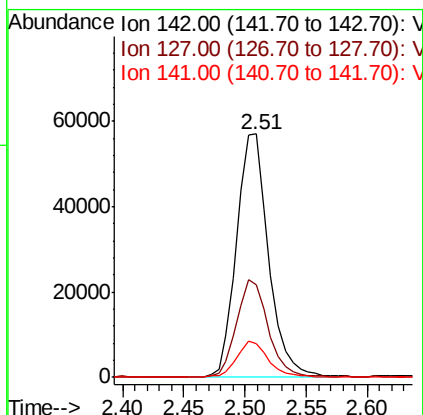
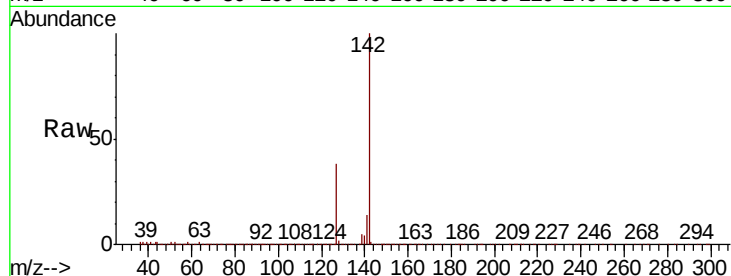




#11
Methyl Iodide
Concen: 19.294 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

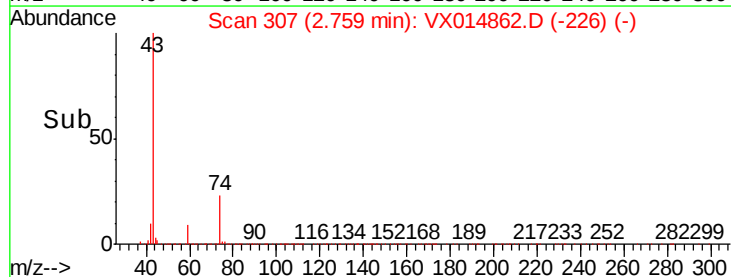
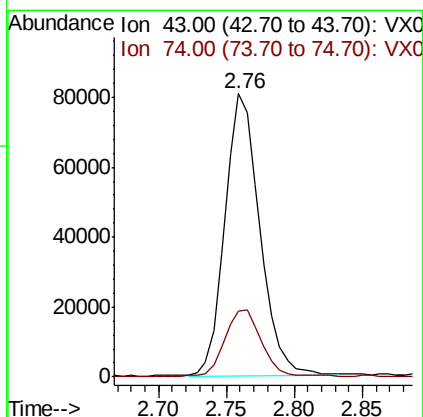
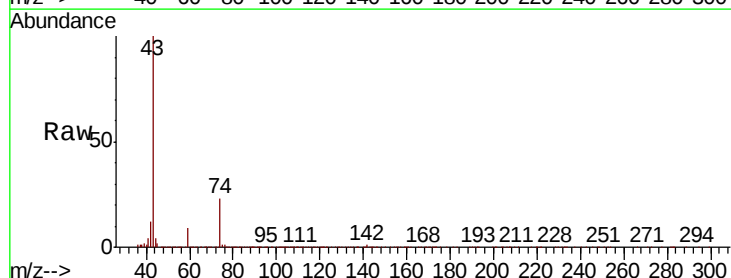
Instrument :
MSVOA_X
ClientSampleId :

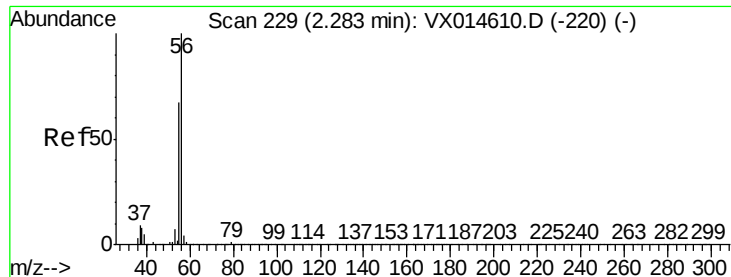
Tot Ion:142 Resp: 103778
Ion Ratio Lower Upper
142 100
127 37.9 19.5 58.5
141 13.5 7.0 20.9



#12
Methyl Acetate
Concen: 19.924 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion: 43 Resp: 144353
Ion Ratio Lower Upper
43 100
74 23.3 18.5 27.7





#13

Acrolein

Concen: 88.994 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

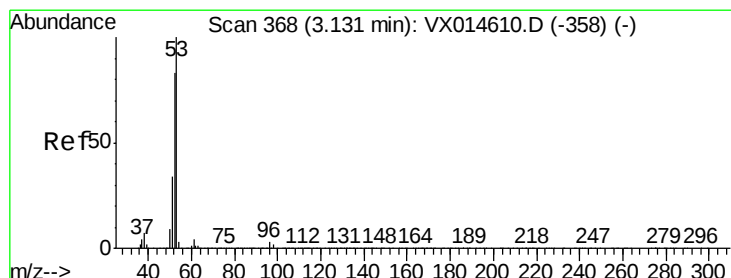
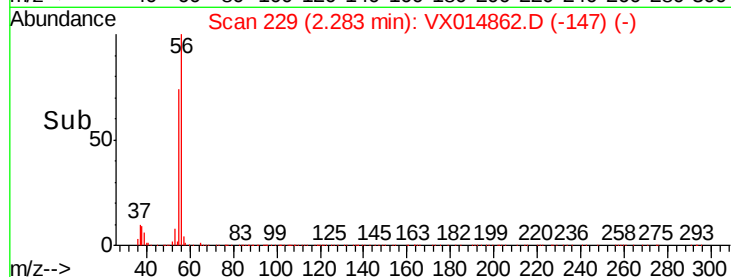
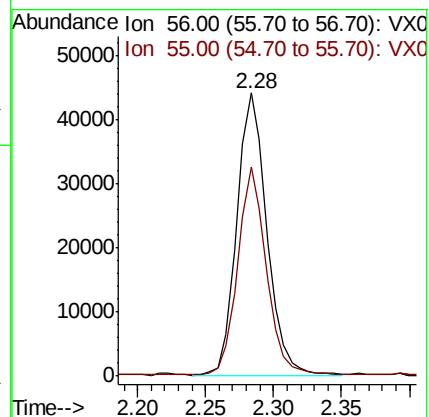
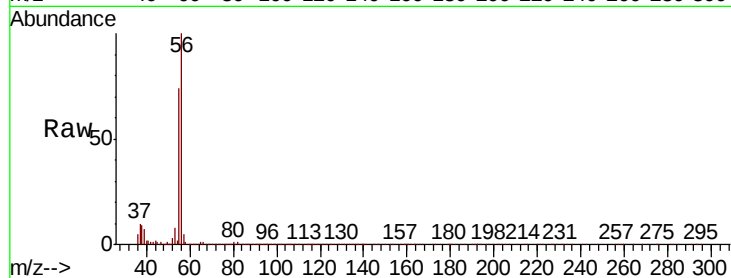
ClientSampleId :

Tot Ion: 56 Resp: 67725

Ion Ratio Lower Upper

56 100

55 69.9 54.9 82.3



#14

Acrylonitrile

Concen: 94.015 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

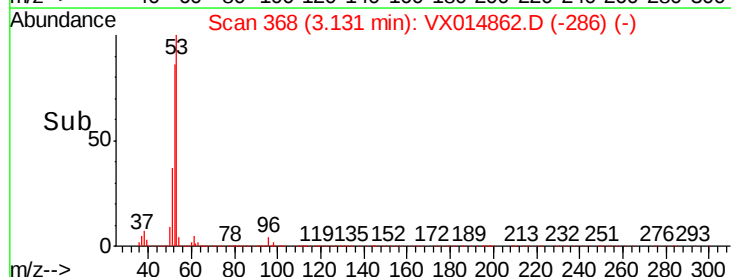
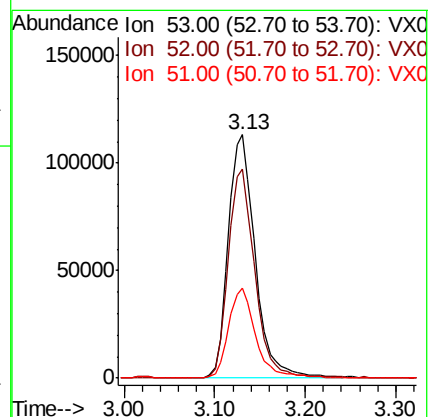
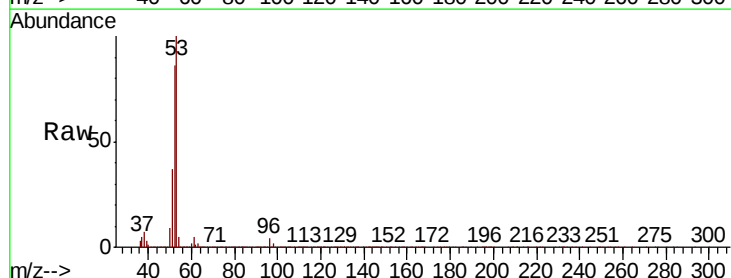
Tgt Ion: 53 Resp: 233069

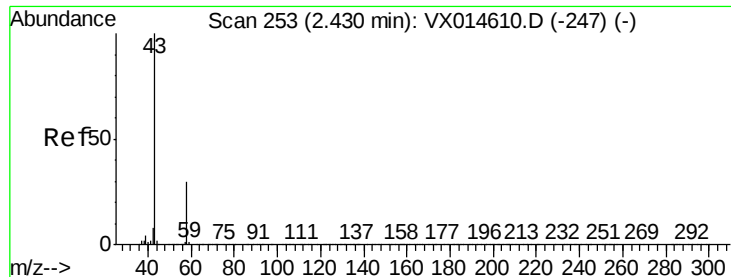
Ion Ratio Lower Upper

53 100

52 84.9 41.5 124.6

51 36.6 17.8 53.5





#15

Acetone

Concen: 79.529 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

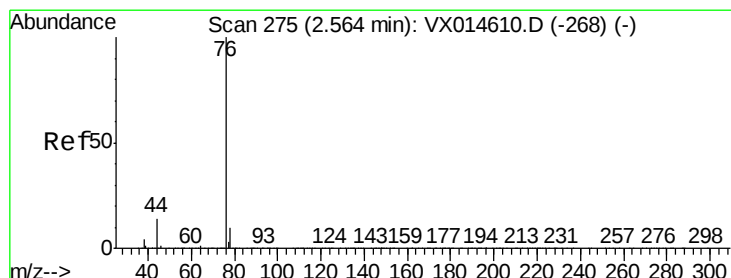
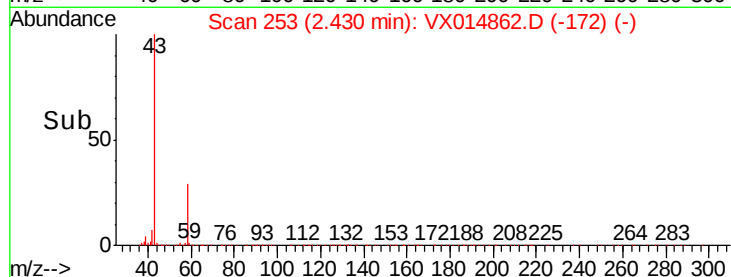
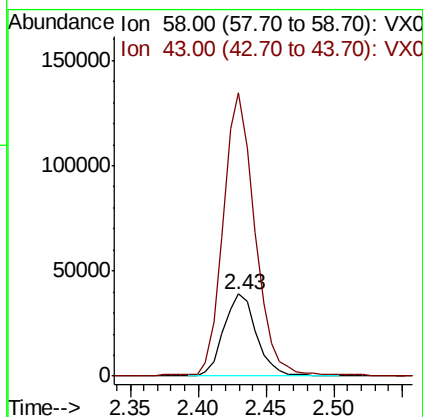
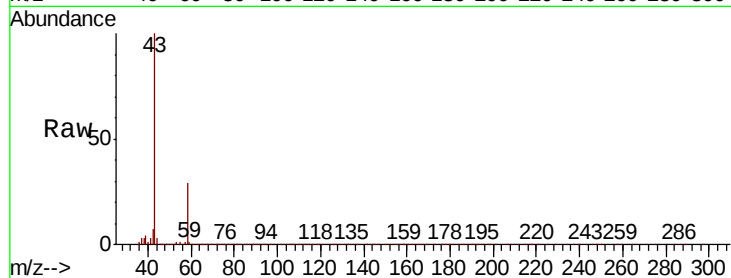
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 66096

Ion Ratio Lower Upper

58 100

43 342.6 236.3 354.5



#16

Carbon Disulfide

Concen: 19.324 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014862.D

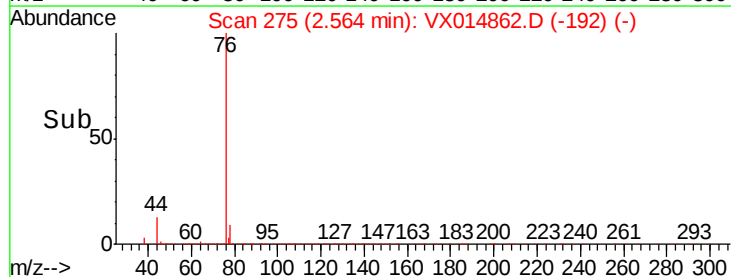
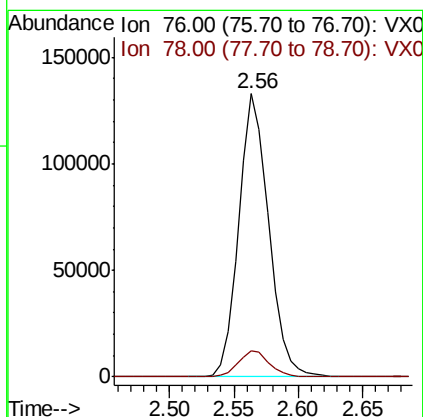
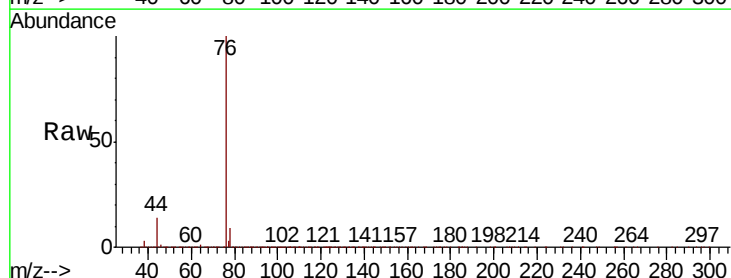
Acq: 07 Feb 2020 10:37

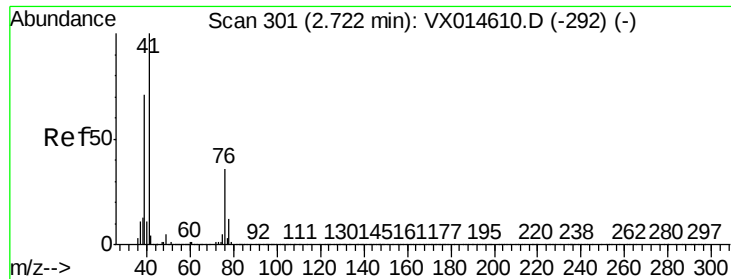
Tgt Ion: 76 Resp: 212854

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8

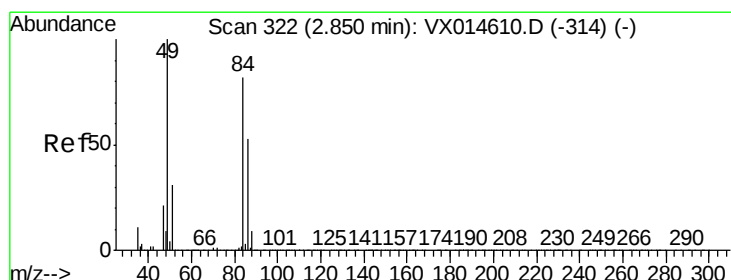
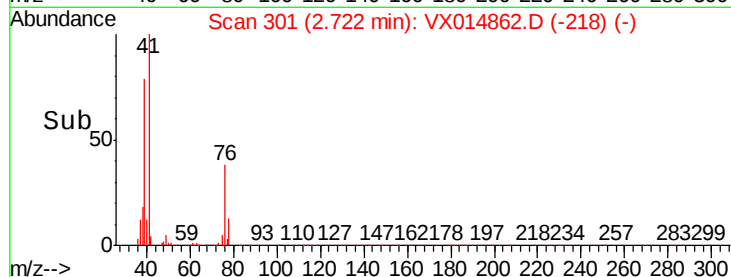
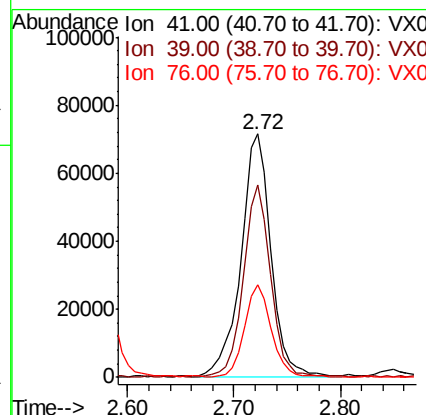
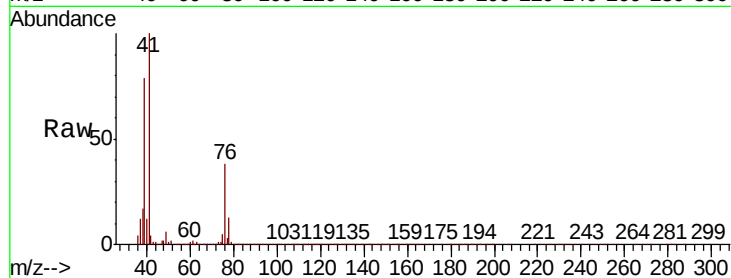




#17
Allvl chloride
Concen: 18.946 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

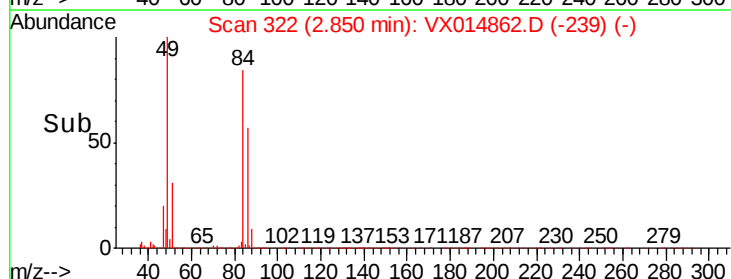
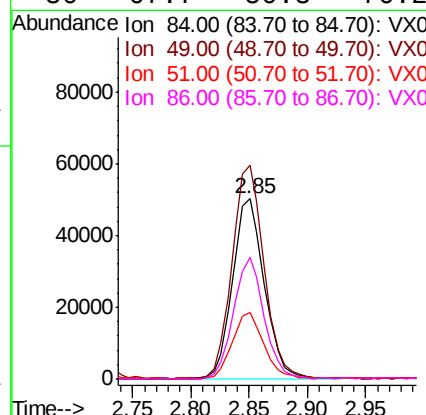
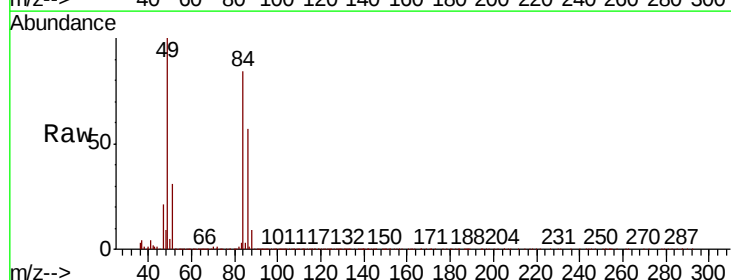
Instrument :
MSVOA_X
ClientSampleId :

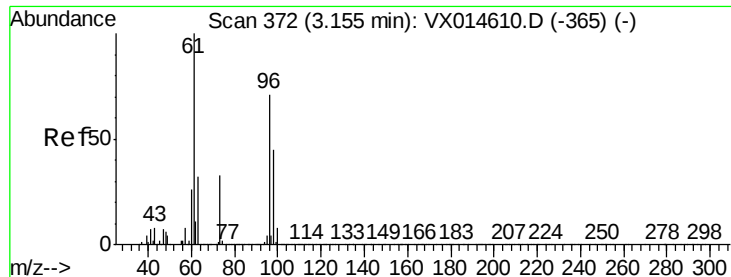
Tot Ion: 41 Resp: 140623
Ion Ratio Lower Upper
41 100
39 78.9 33.4 100.2
76 37.6 17.0 50.9



#18
Methylene Chloride
Concen: 20.376 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion: 84 Resp: 95644
Ion Ratio Lower Upper
84 100
49 118.2 102.2 153.2
51 36.5 31.4 47.0
86 67.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.696 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

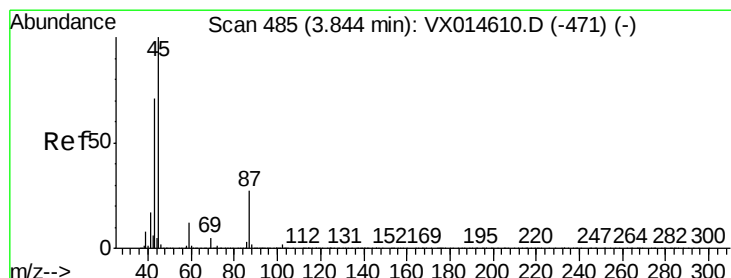
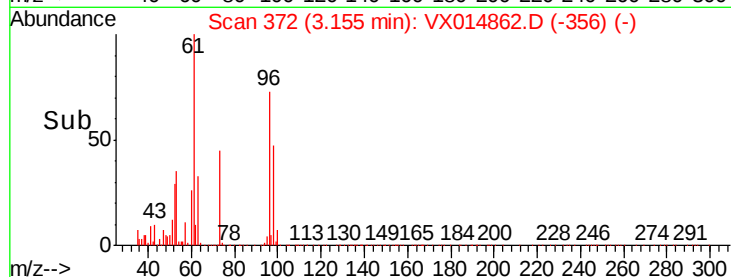
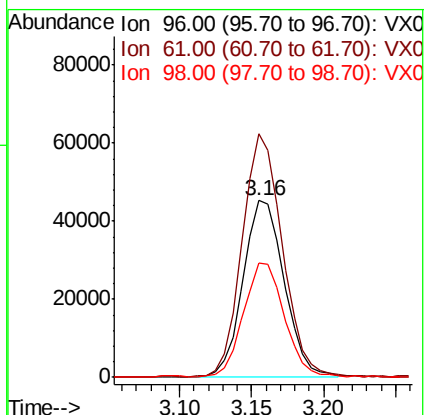
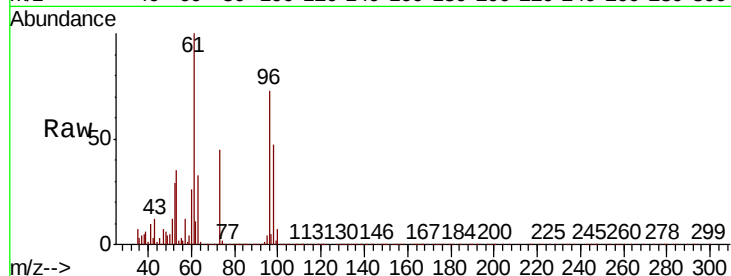
Tot Ion: 96 Resp: 89353

Ion Ratio Lower Upper

96 100

61 137.9 106.6 159.8

98 64.8 51.6 77.4



#20

Diisopropyl ether

Concen: 20.103 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Tgt Ion: 45 Resp: 295212

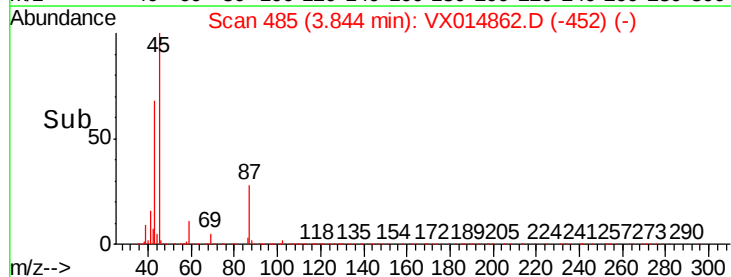
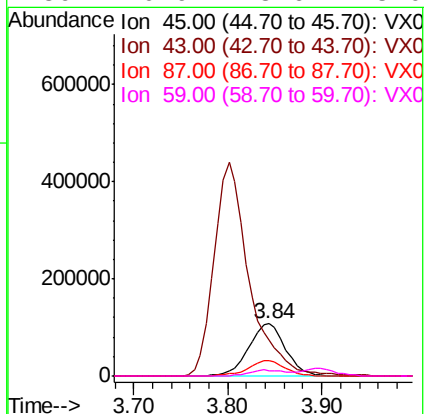
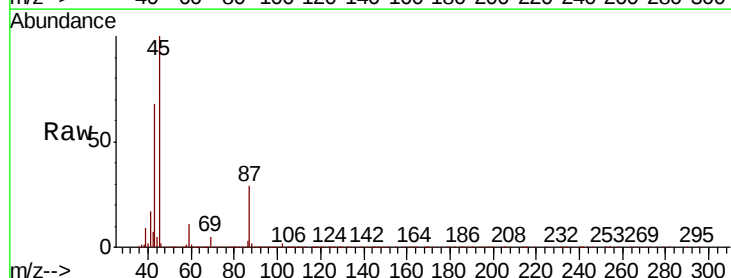
Ion Ratio Lower Upper

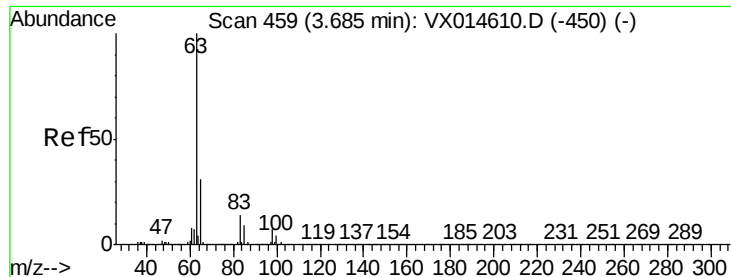
45 100

43 65.3 55.9 83.9

87 28.5 22.2 33.2

59 10.9 8.6 13.0





#21

1,1-Dichloroethane

Concen: 20.182 ug/l

RT: 3.69 min Scan# 459

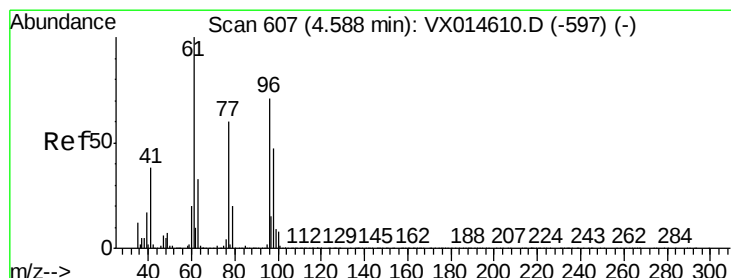
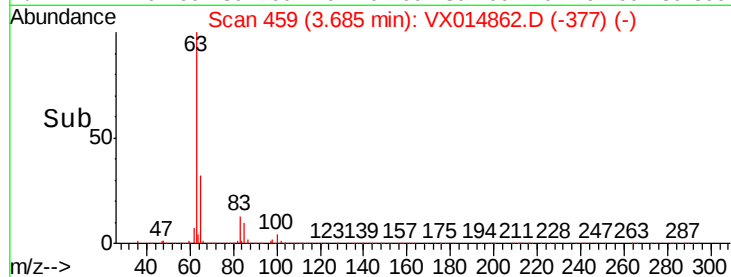
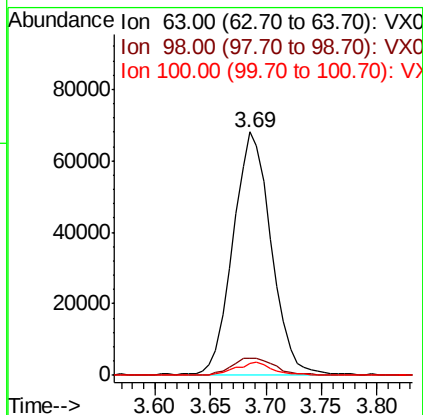
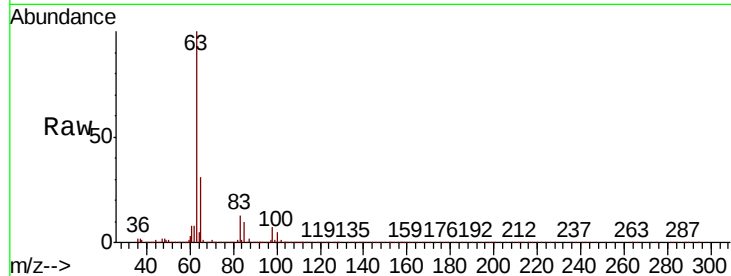
Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	161008
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.8	2.5	7.4



#22

cis-1,2-Dichloroethene

Concen: 21.003 ug/l

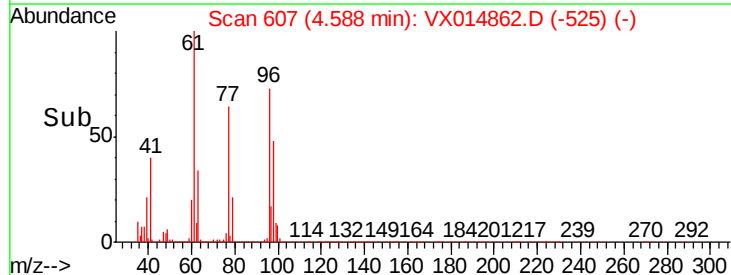
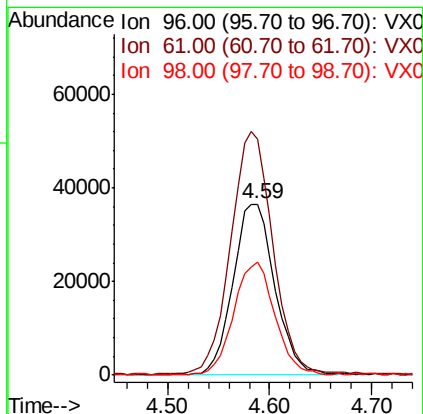
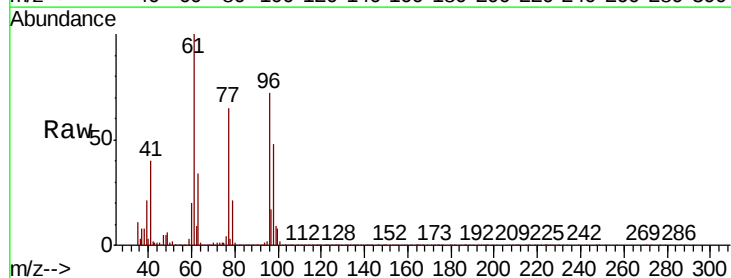
RT: 4.59 min Scan# 607

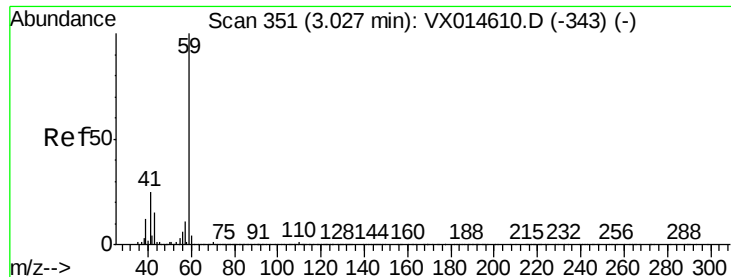
Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Tgt Ion:	96	Resp:	104203
Ion	Ratio	Lower	Upper
96	100		
61	141.5	112.4	168.6
98	64.3	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 98.978 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.03 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

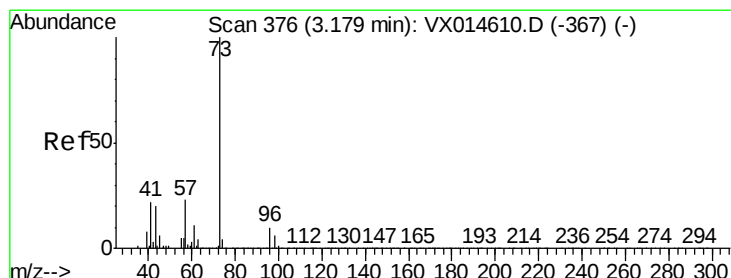
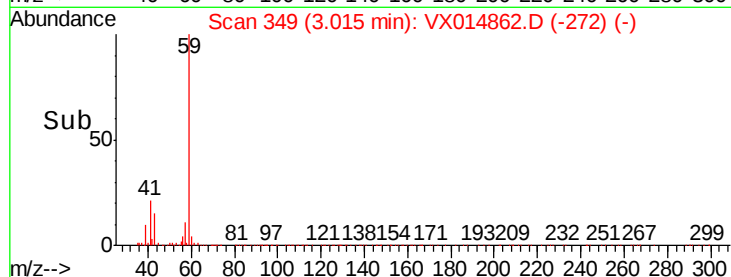
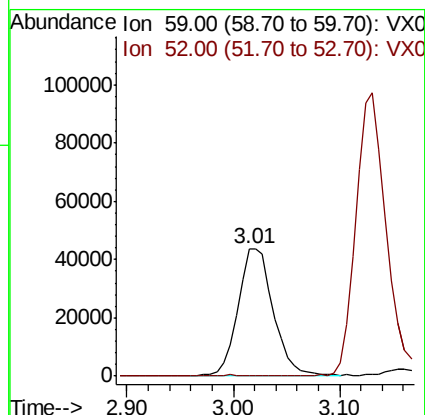
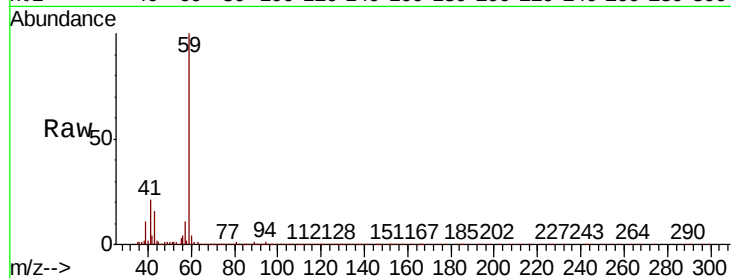
ClientSampleId :

Tot Ion: 59 Resp: 101477

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 21.799 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014862.D

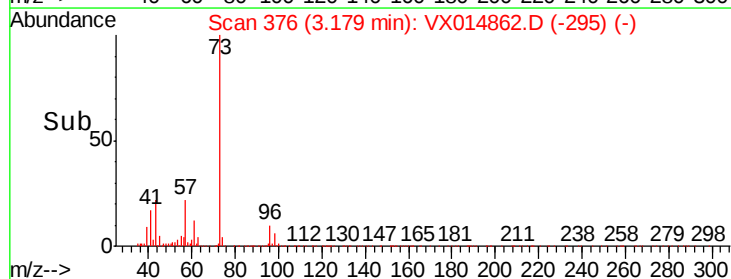
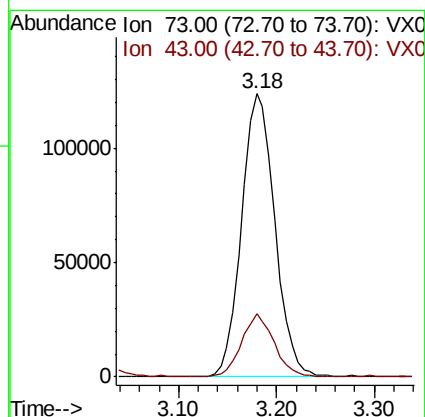
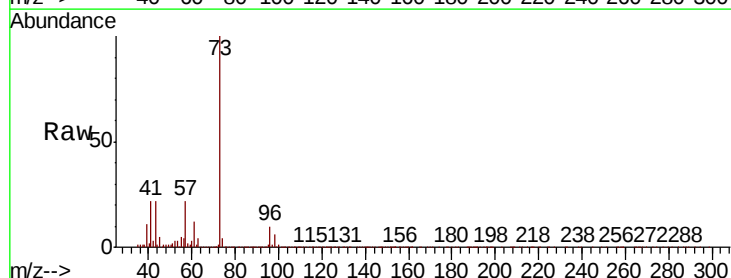
Acq: 07 Feb 2020 10:37

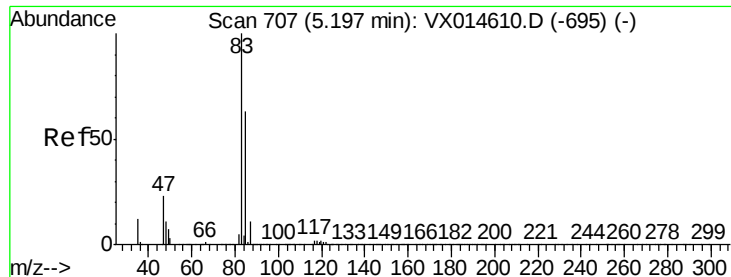
Tgt Ion: 73 Resp: 290957

Ion Ratio Lower Upper

73 100

43 21.3 16.6 25.0





#25

Chloroform

Concen: 20.922 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

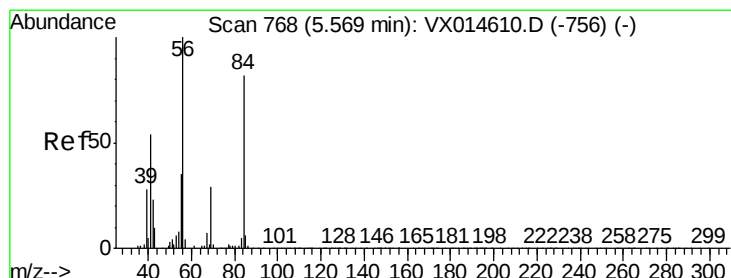
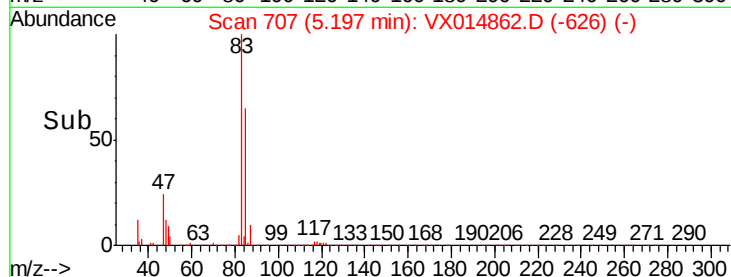
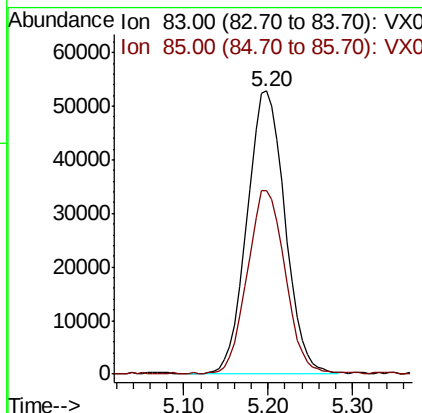
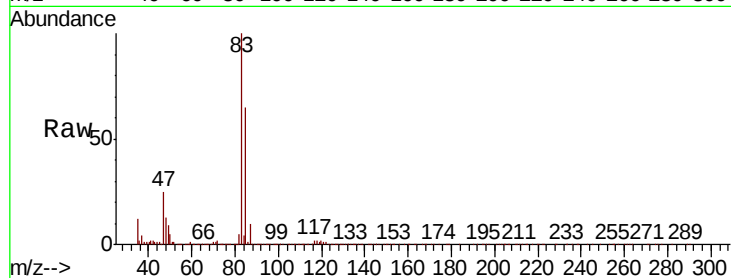
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 161690

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1



#26

Cyclohexane

Concen: 19.738 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

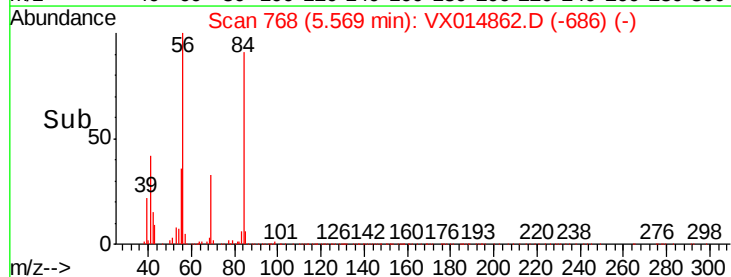
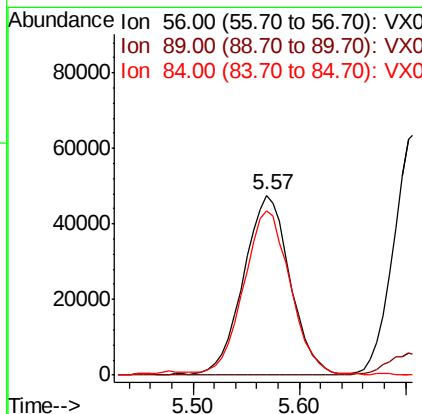
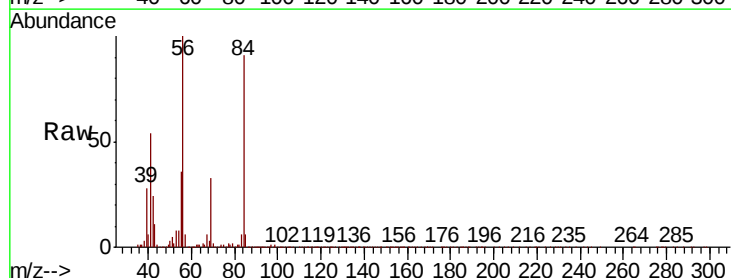
Tgt Ion: 56 Resp: 145250

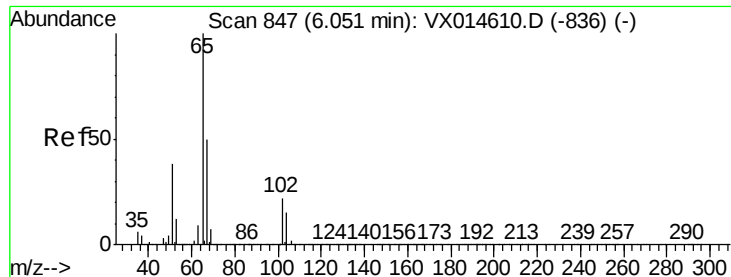
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 91.2 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.566 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

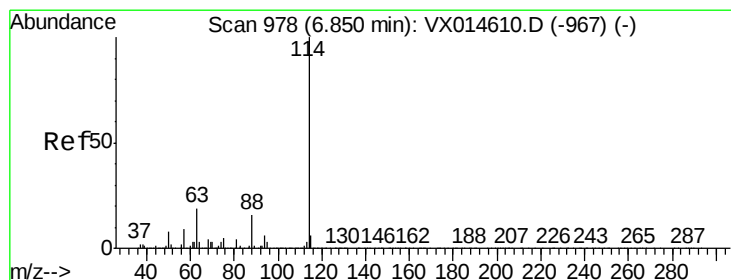
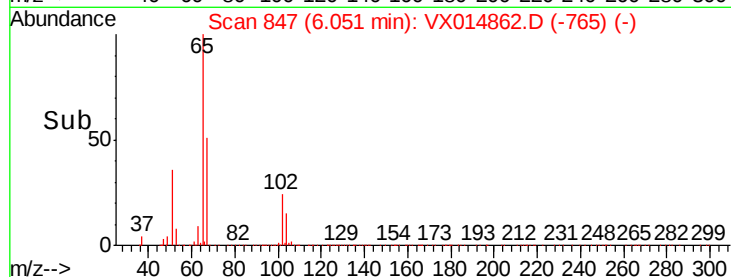
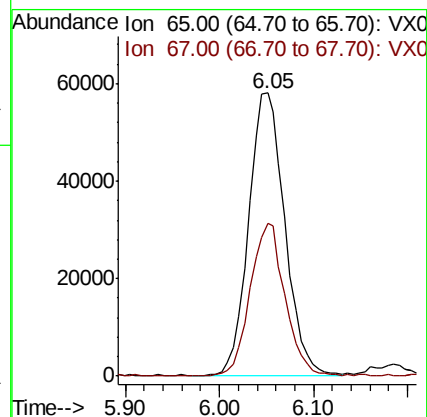
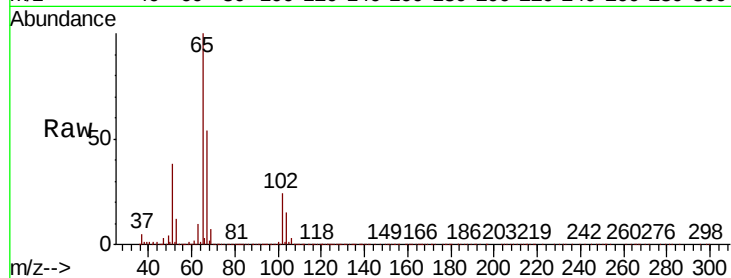
ClientSampleId :

Tot Ion: 65 Resp: 155655

Ion Ratio Lower Upper

65 100

67 51.8 43.1 64.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

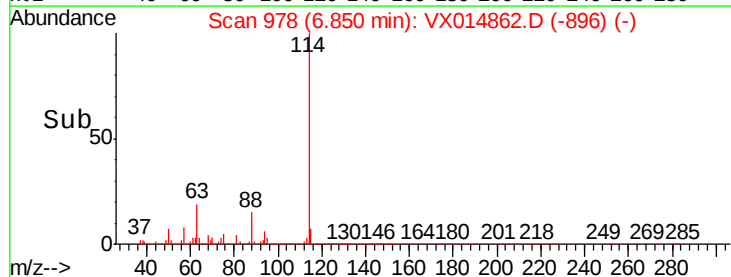
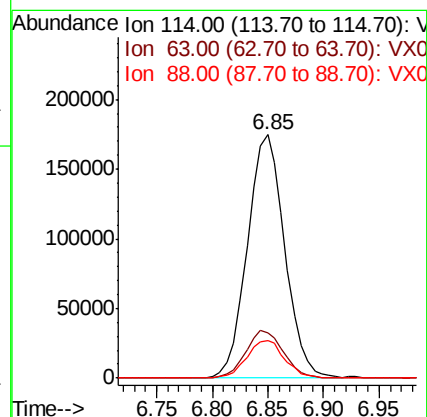
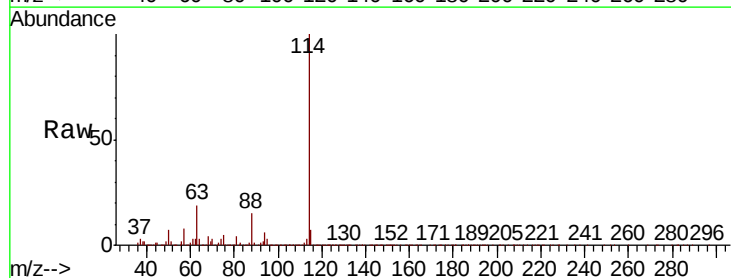
Tgt Ion: 114 Resp: 406185

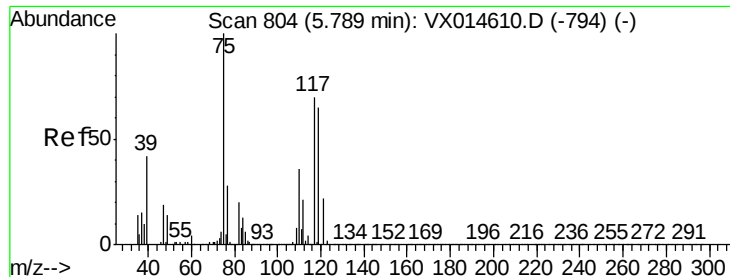
Ion Ratio Lower Upper

114 100

63 19.5 16.1 24.1

88 15.7 12.5 18.7

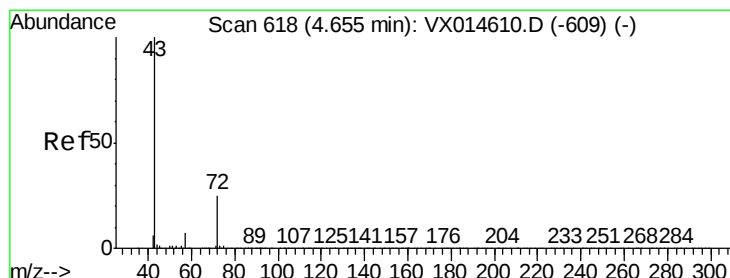
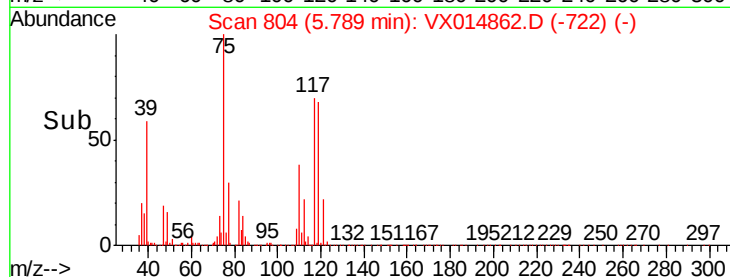
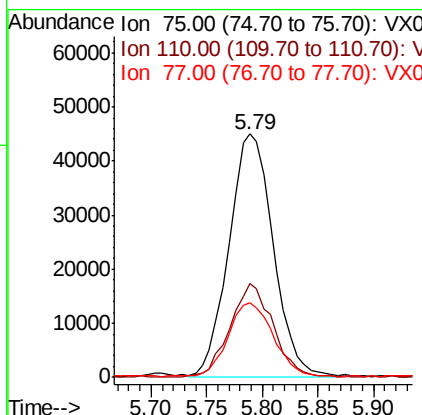
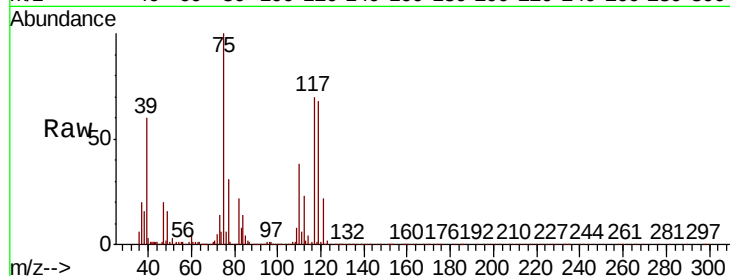




#29
 1,1-Dichloropropene
 Concen: 20.749 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

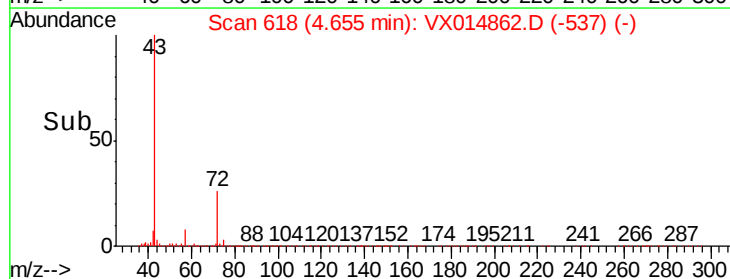
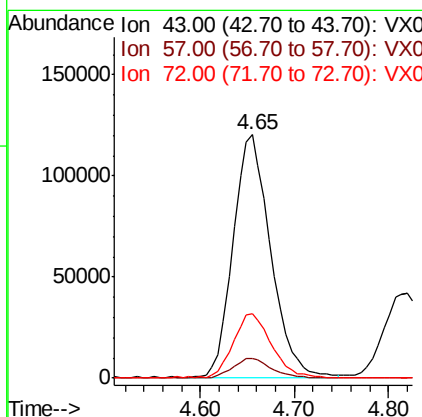
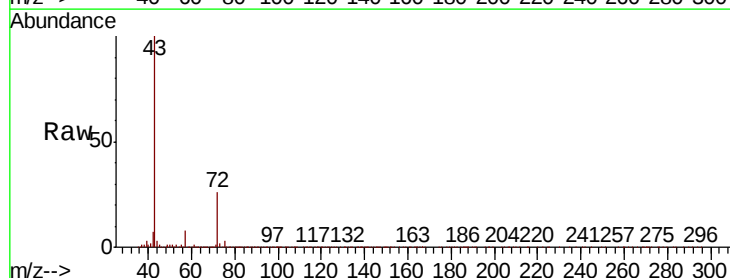
Instrument :
 MSVOA_X
 ClientSampled :

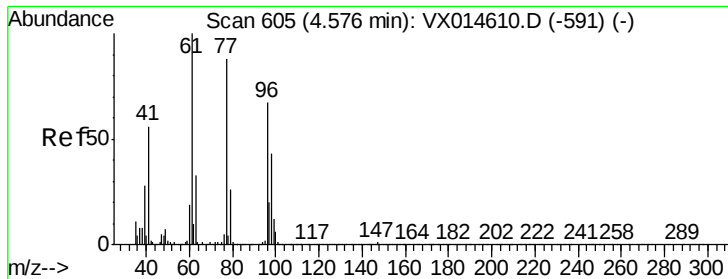
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	73.8
77	31.3	0.0	62.4



#30
 2-Butanone
 Concen: 88.005 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.2
72	26.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 22.156 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

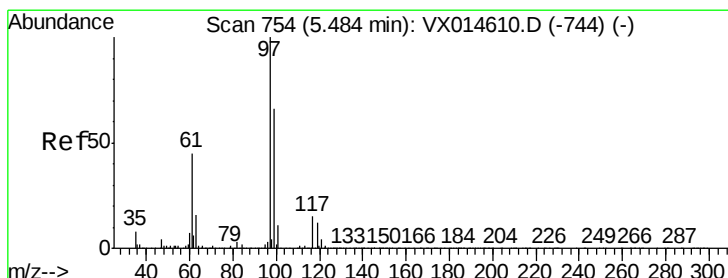
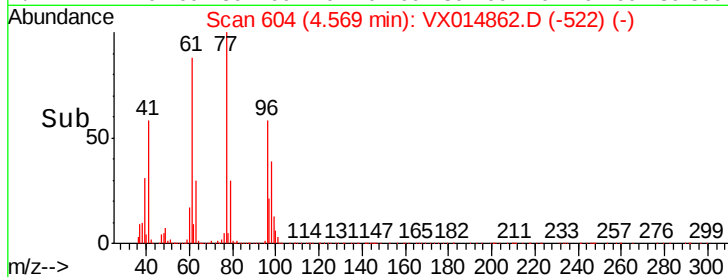
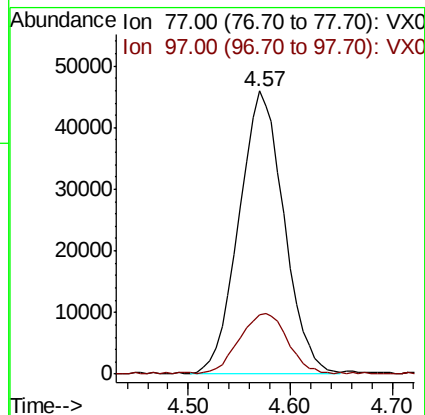
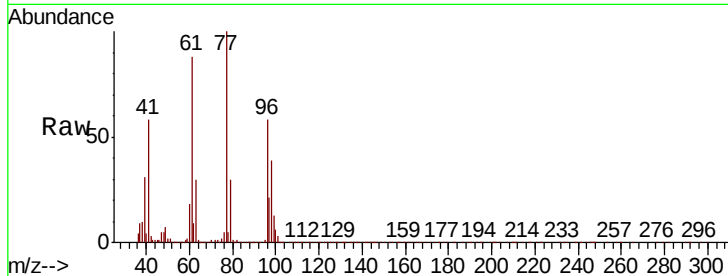
ClientSampled :

Tot Ion: 77 Resp: 141220

Ion Ratio Lower Upper

77 100

97 22.5 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 21.371 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

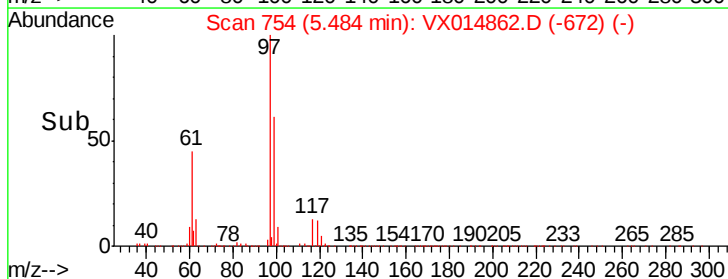
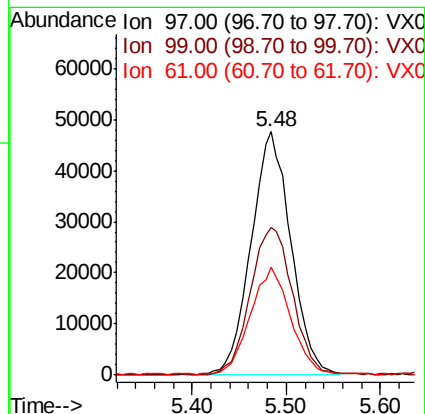
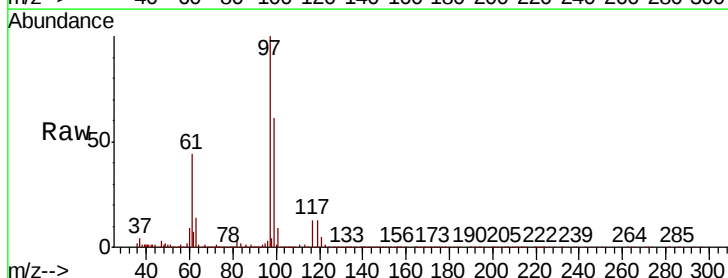
Tgt Ion: 97 Resp: 140841

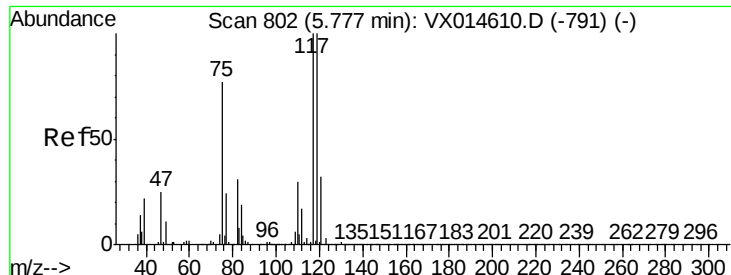
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 44.7 36.8 55.2

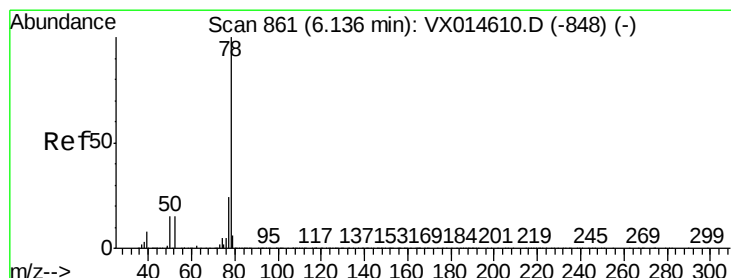
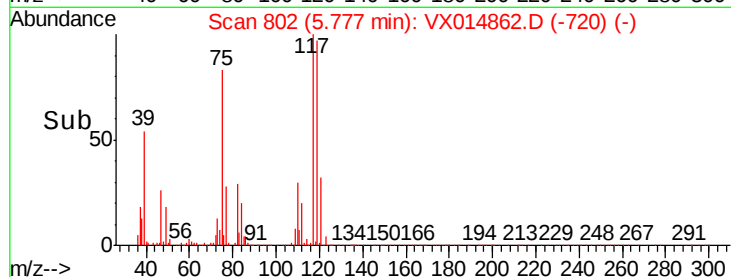
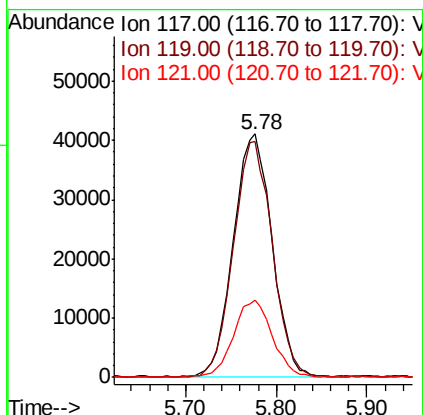
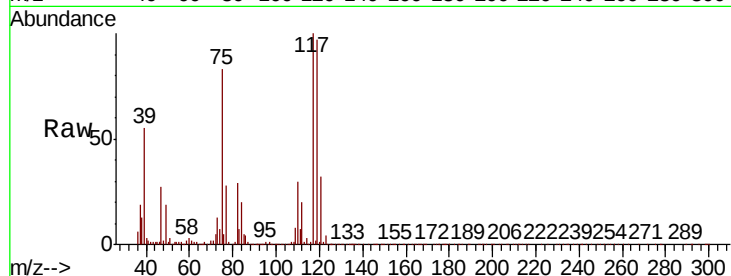




#33
Carbon Tetrachloride
Concen: 21.517 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

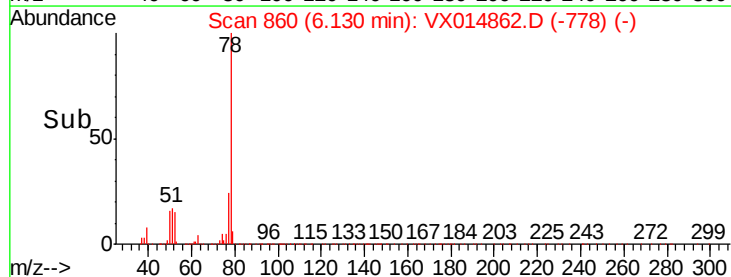
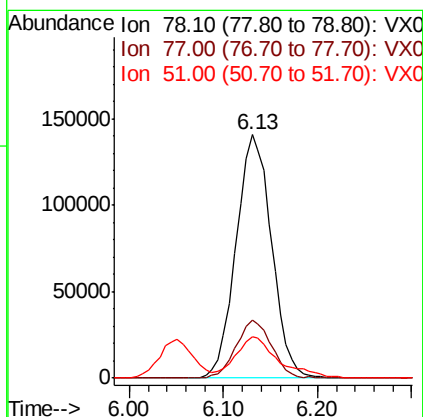
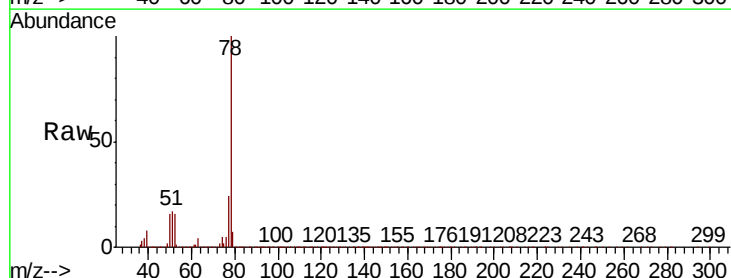
Instrument :
MSVOA_X
ClientSampled :

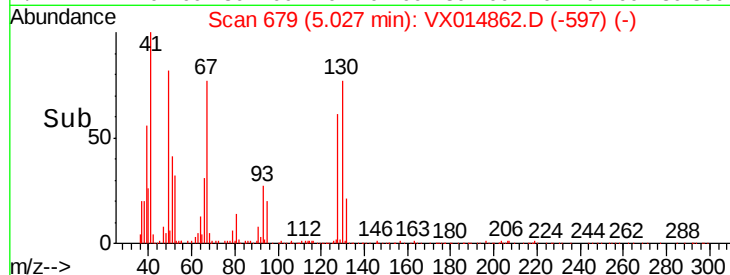
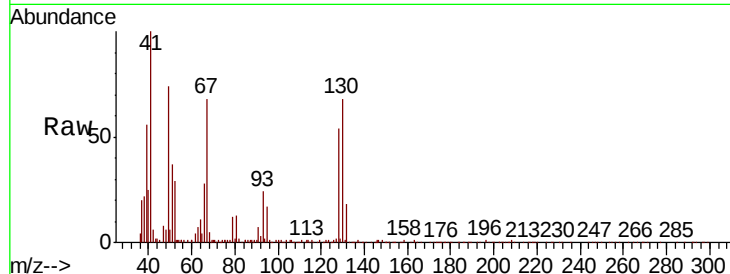
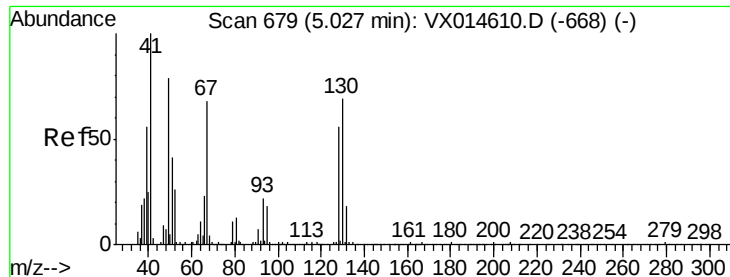
Tot Ion:117 Resp: 121743
Ion Ratio Lower Upper
117 100
119 97.3 77.2 115.8
121 31.4 24.8 37.2



#34
Benzene
Concen: 19.999 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

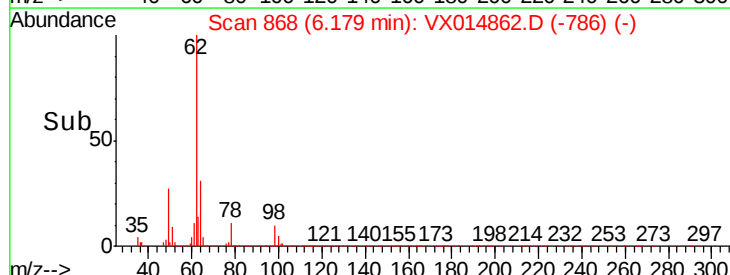
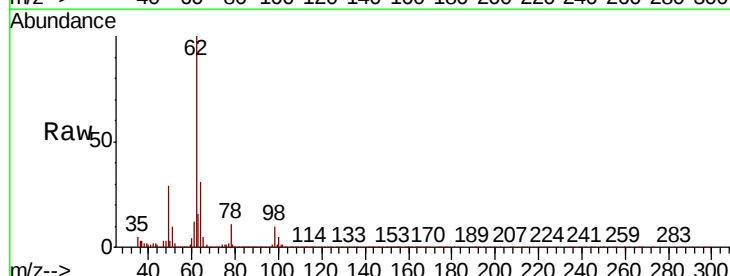
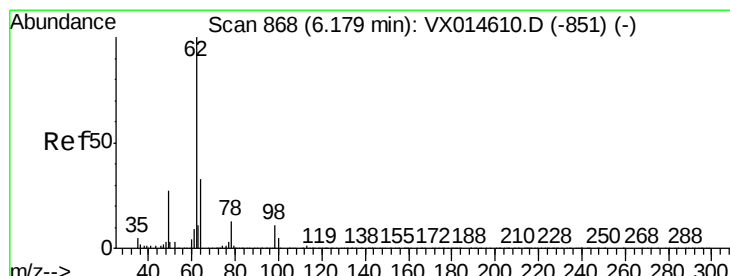
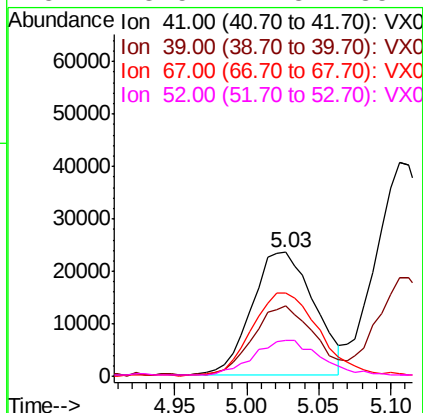
Tgt Ion: 78 Resp: 368133
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2
51 16.6 12.4 18.6





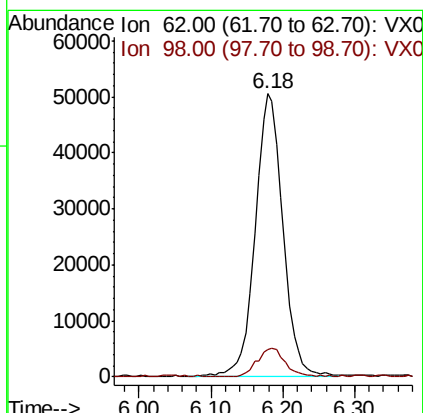
#35
Methacrylonitrile
Concen: 18.685 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

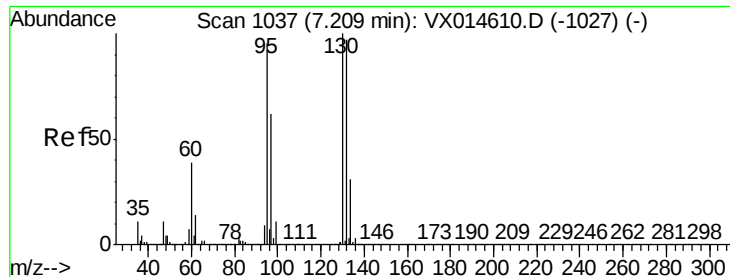
Tot Ion:	41	Resp:	70421
Ion	Ratio	Lower	Upper
41	100		
39	55.7	26.7	80.1
67	67.5	31.5	94.5
52	28.5	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.869 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion:	62	Resp:	133688
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.4	12.6

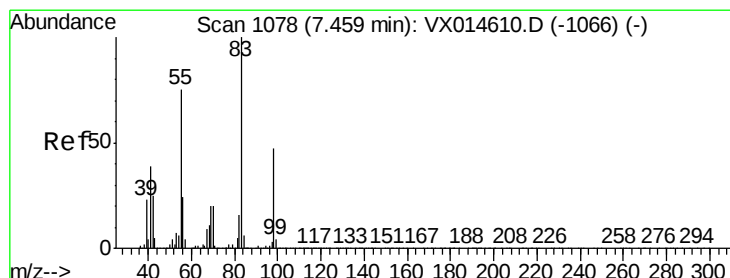
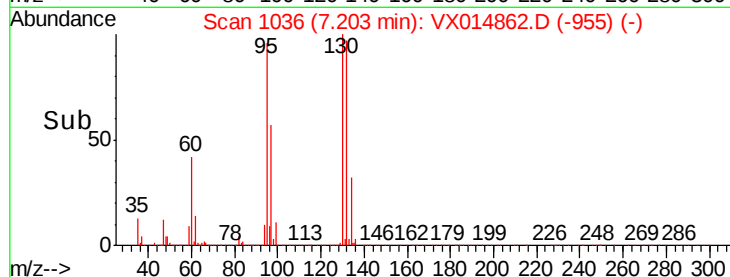
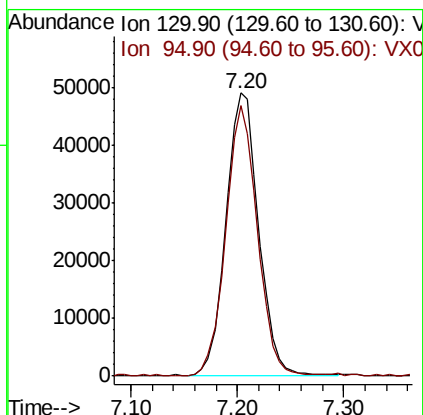
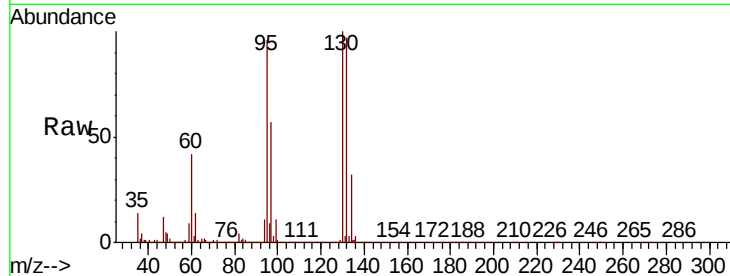




#37
 Trichloroethene
 Concen: 20.935 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

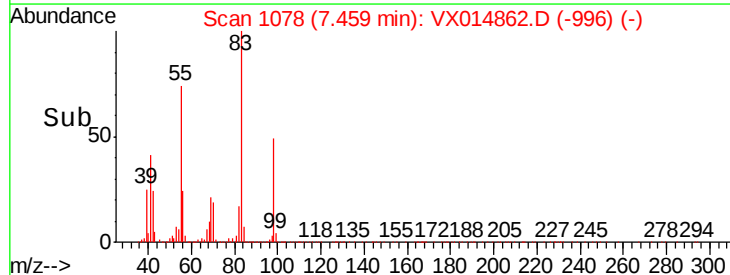
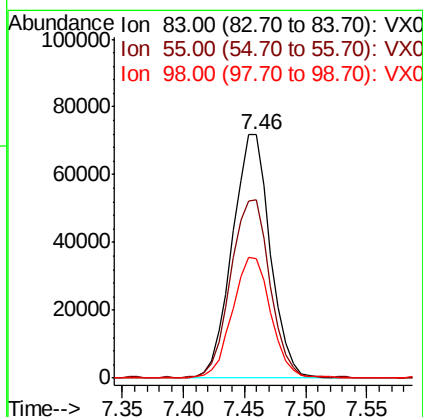
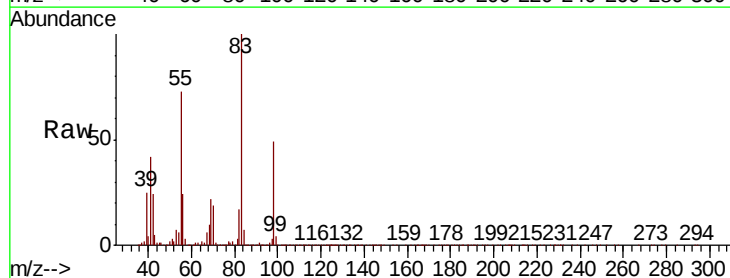
Instrument :
 MSVOA_X
 ClientSampled :

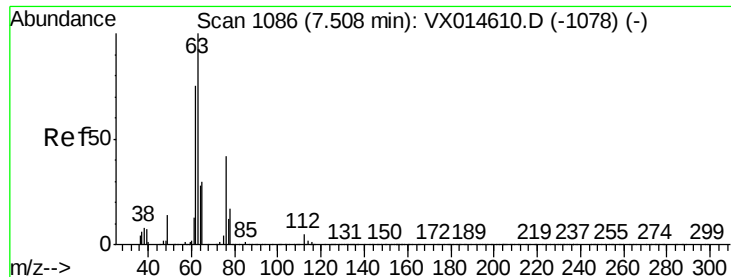
Tot Ion:130 Resp: 105515
 Ion Ratio Lower Upper
 130 100
 95 95.5 71.7 107.5



#38
 Methylcyclohexane
 Concen: 20.757 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion: 83 Resp: 153952
 Ion Ratio Lower Upper
 83 100
 55 76.0 39.4 118.1
 98 50.3 25.1 75.3

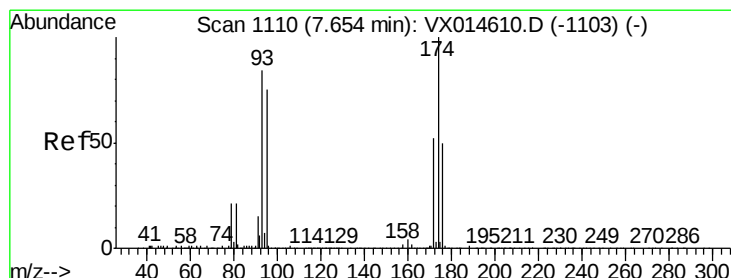
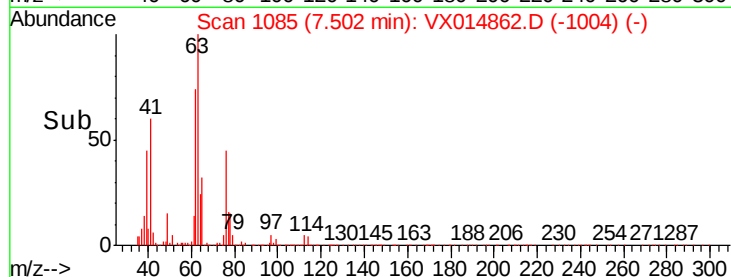
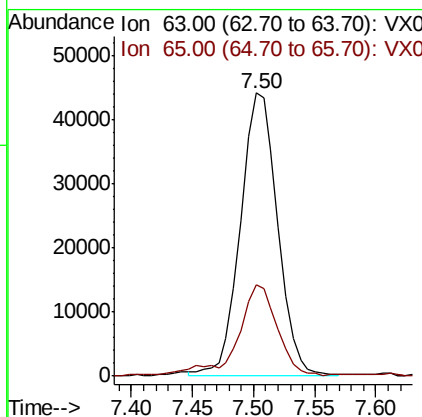
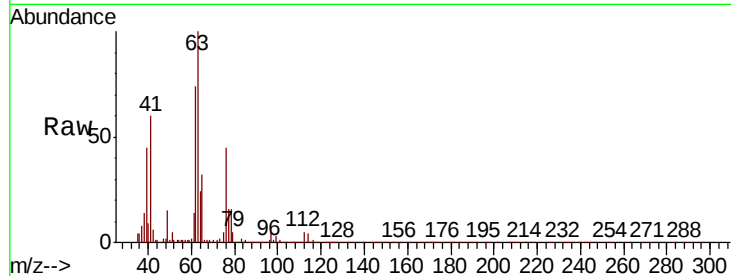




#39
 1,2-Dichloropropane
 Concen: 19.414 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

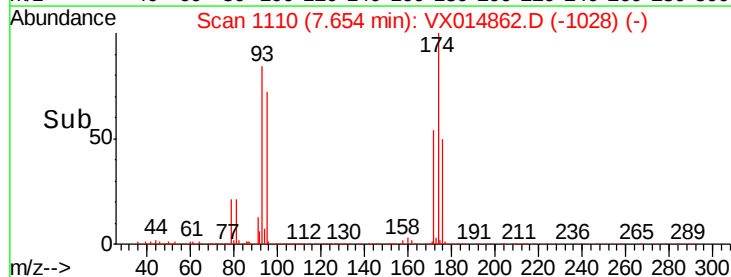
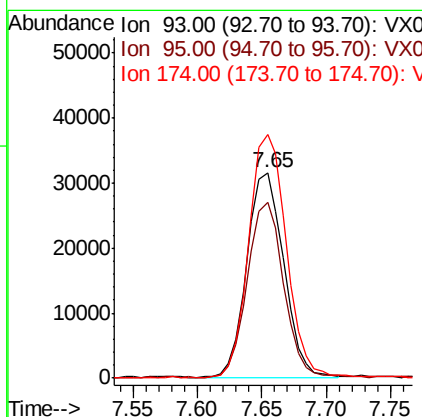
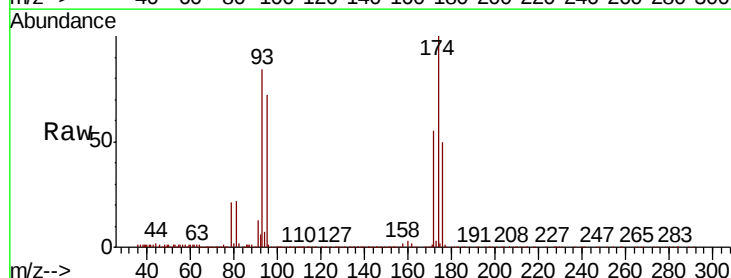
Instrument :
 MSVOA_X
 ClientSampleId :

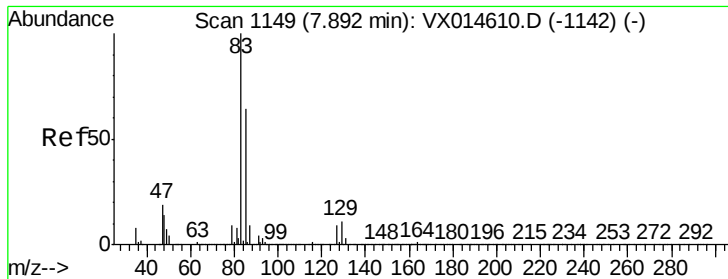
Tot Ion: 63 Resp: 92930
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.1 33.1



#40
 Dibromomethane
 Concen: 20.413 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion: 93 Resp: 62796
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 164.4
 174 120.5 0.0 228.8





#41

Bromodichloromethane

Concen: 20.303 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

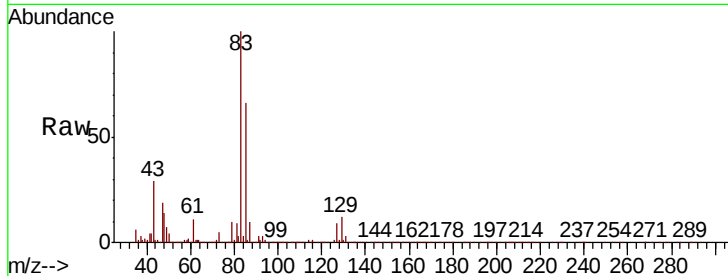
Tot Ion: 83 Resp: 122310

Ion Ratio Lower Upper

83 100

85 66.0 51.6 77.4

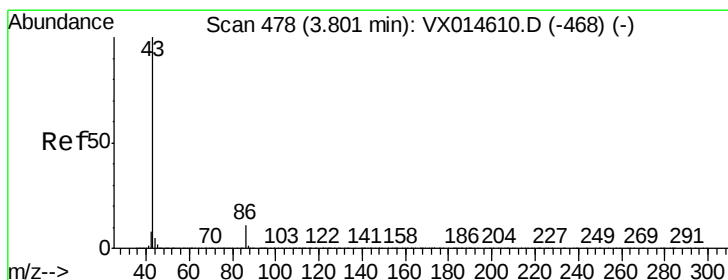
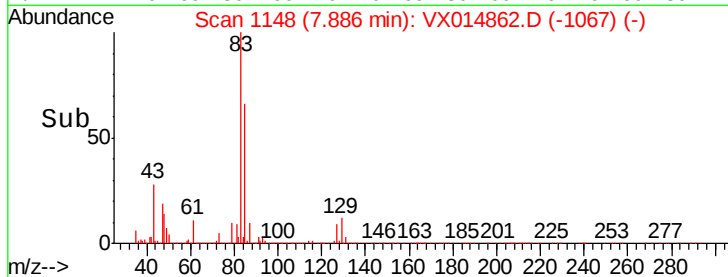
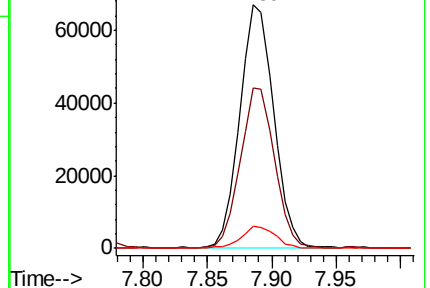
127 8.9 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX014610.D (-1142) (-)

Ion 85.00 (84.70 to 85.70): VX014610.D (-1142) (-)

Ion 127.00 (126.70 to 127.70): VX014610.D (-1142) (-)



#42

Vinyl Acetate

Concen: 98.467 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014862.D

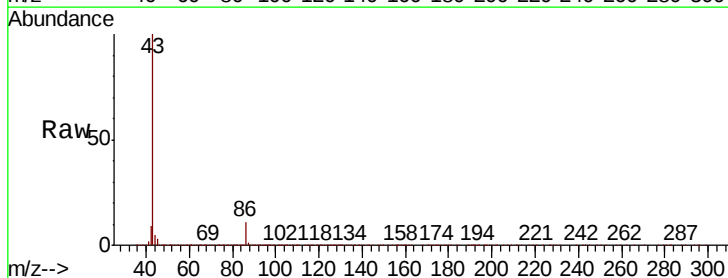
Acq: 07 Feb 2020 10:37

Tgt Ion: 43 Resp: 1145260

Ion Ratio Lower Upper

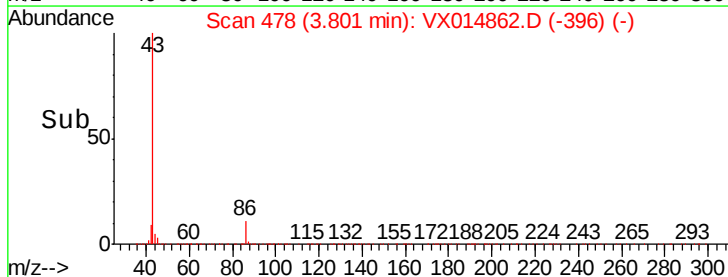
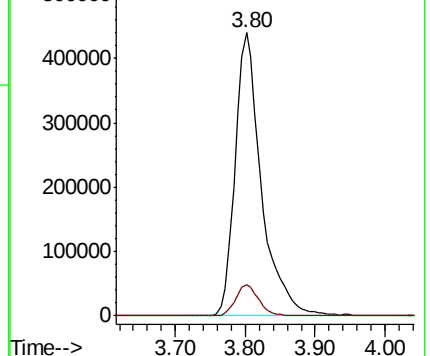
43 100

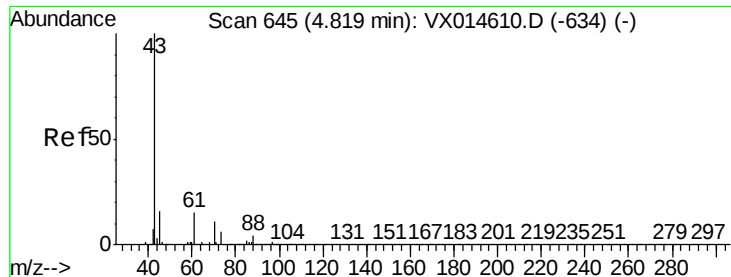
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX014610.D (-468) (-)

Ion 86.00 (85.70 to 86.70): VX014610.D (-468) (-)

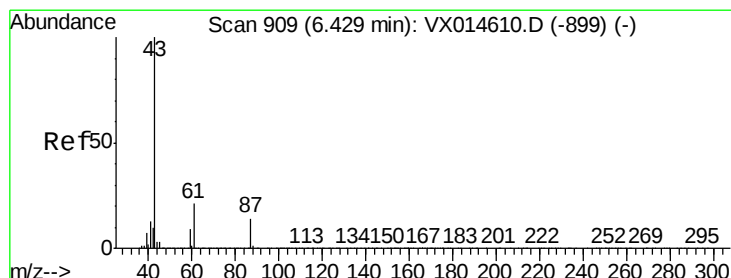
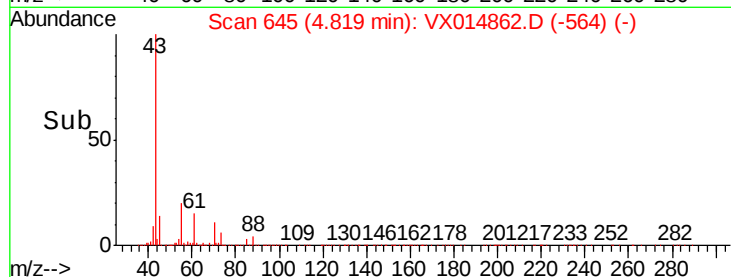
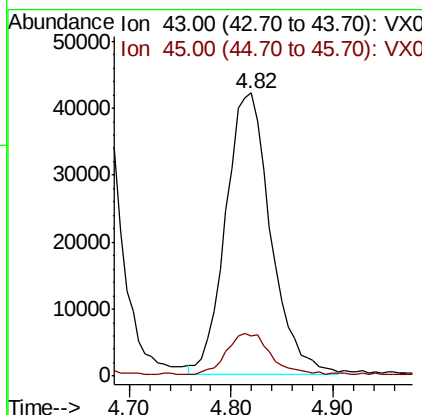
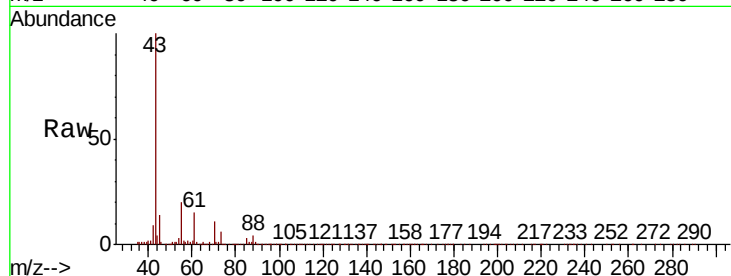




#43
Ethyl Acetate
Concen: 18.884 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

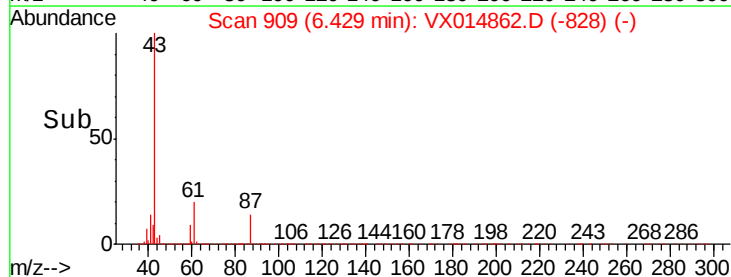
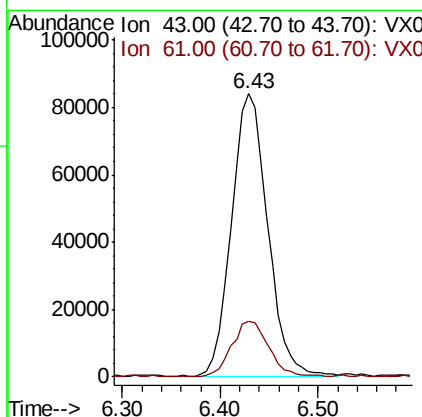
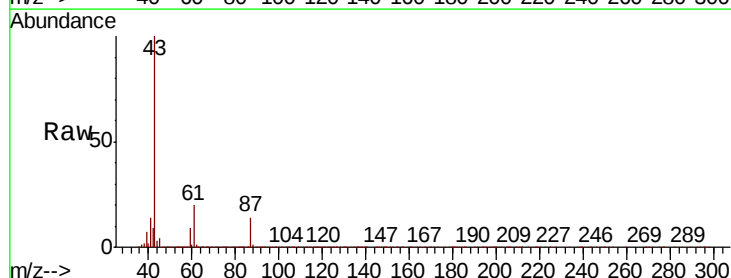
Instrument :
MSVOA_X
ClientSampleId :

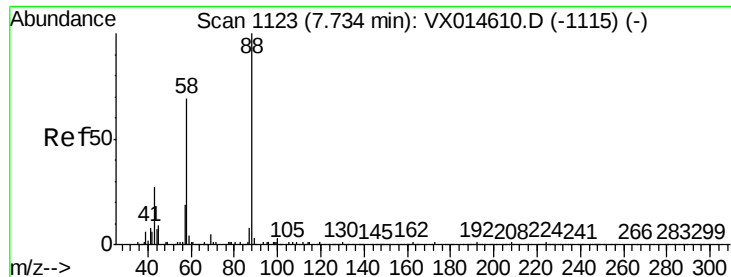
Tot Ion: 43 Resp: 128997
Ion Ratio Lower Upper
43 100
45 8.6 11.8 17.8#



#44
Isopropyl Acetate
Concen: 19.566 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion: 43 Resp: 215618
Ion Ratio Lower Upper
43 100
61 19.5 15.9 23.9





#45

1,4-Dioxane

Concen: 387.890 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

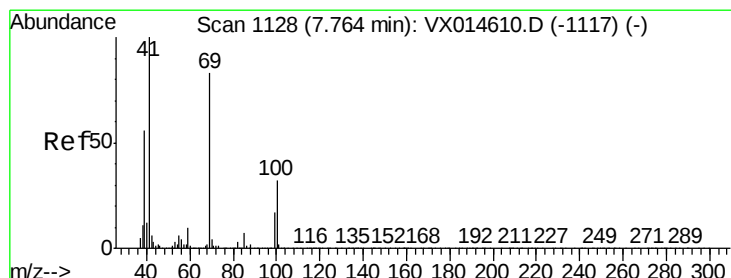
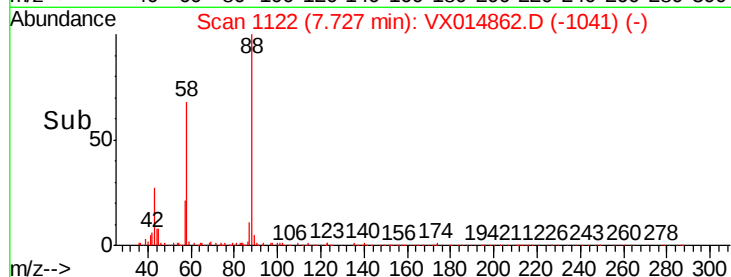
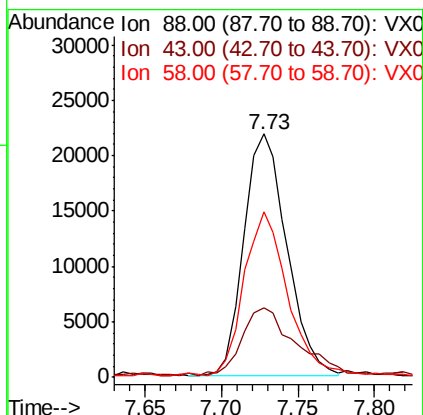
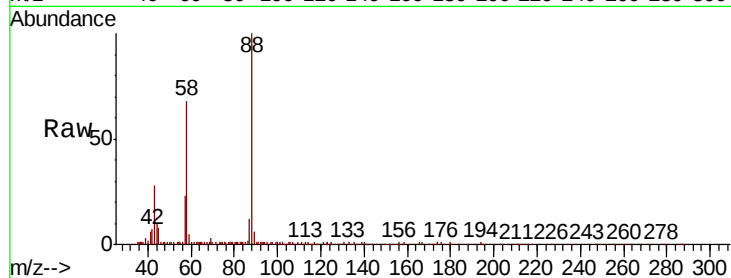
Tot Ion: 88 Resp: 42758

Ion Ratio Lower Upper

88 100

43 33.9 25.4 38.2

58 67.9 56.5 84.7



#46

Methyl methacrylate

Concen: 19.461 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

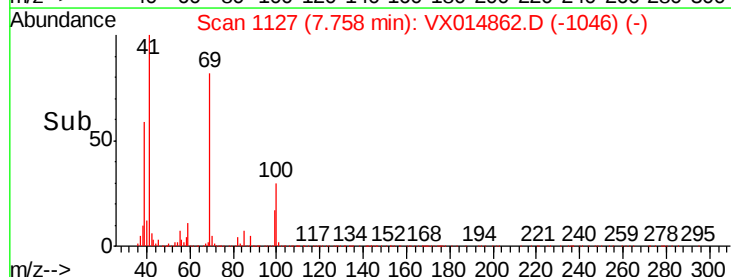
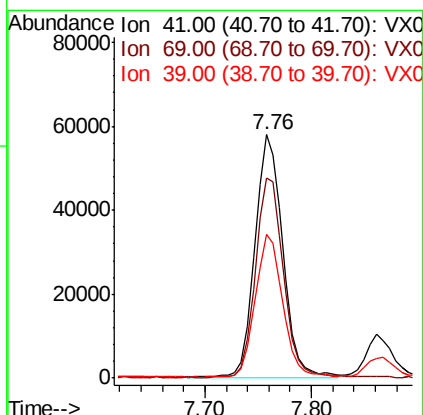
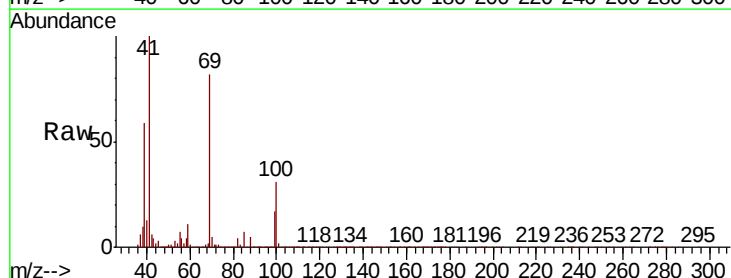
Tgt Ion: 41 Resp: 105465

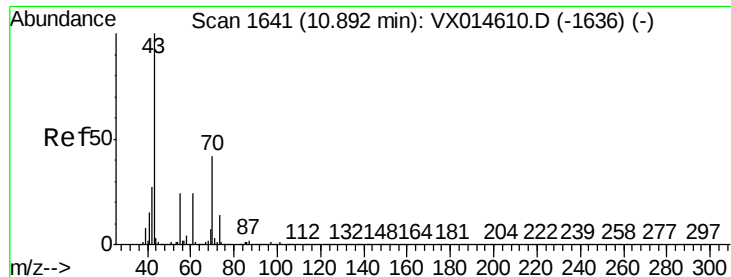
Ion Ratio Lower Upper

41 100

69 82.2 40.6 122.0

39 59.1 27.8 83.3





#47

n-amvl Acetate

Concen: 19.438 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

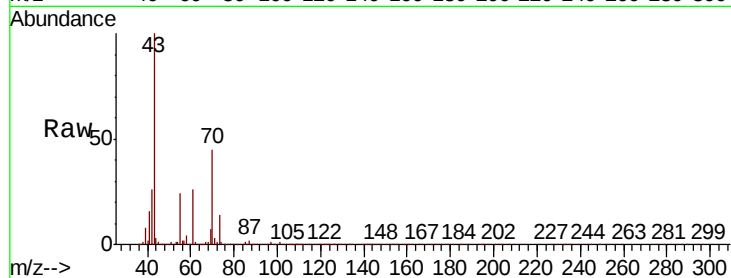
ClientSampleId :

Tot Ion: 43 Resp: 179479

Ion Ratio Lower Upper

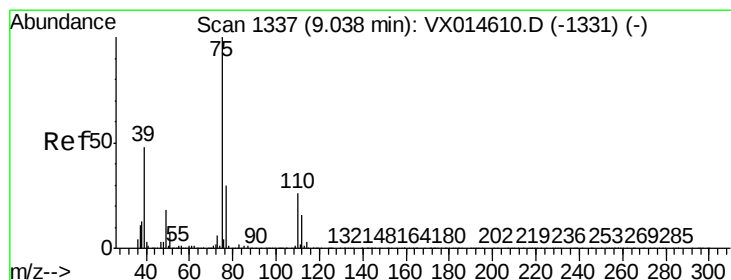
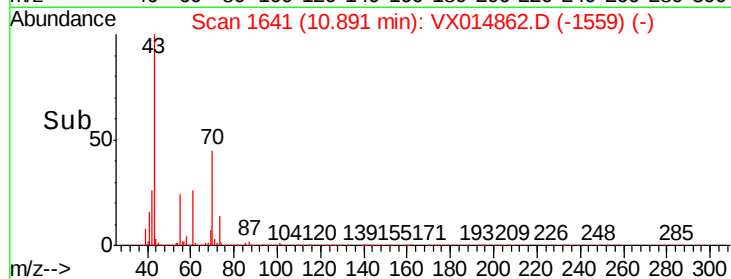
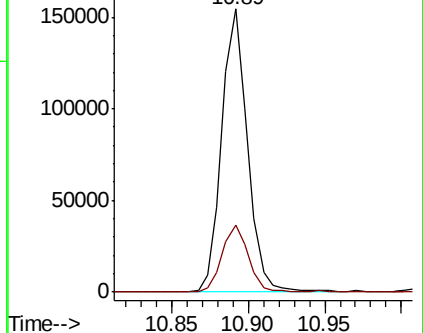
43 100

55 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 21.319 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014862.D

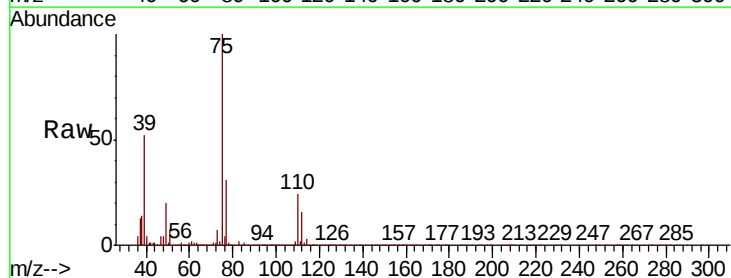
Acq: 07 Feb 2020 10:37

Tgt Ion: 75 Resp: 140215

Ion Ratio Lower Upper

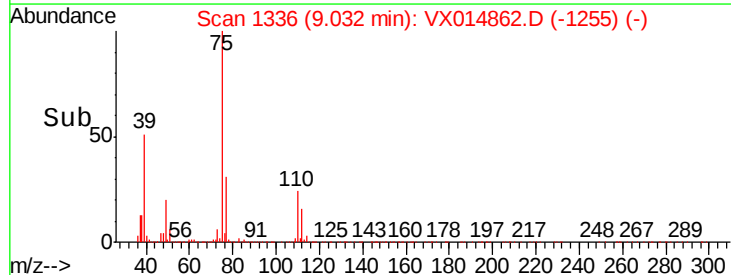
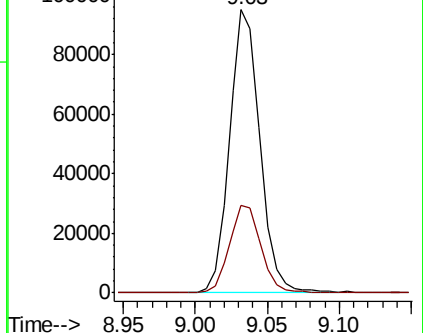
75 100

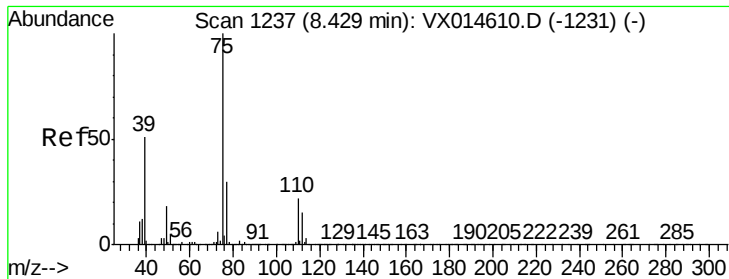
77 30.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



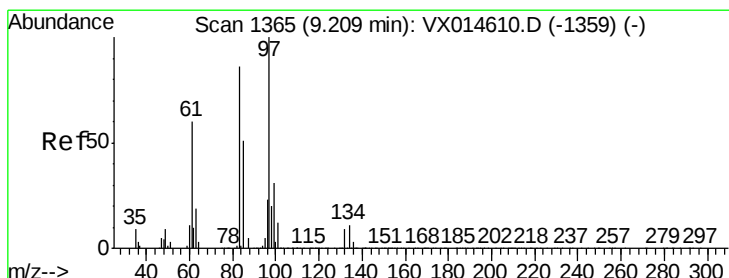
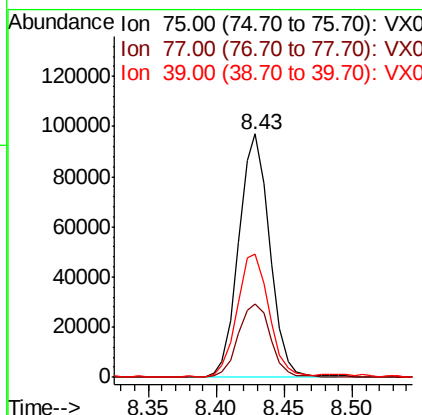
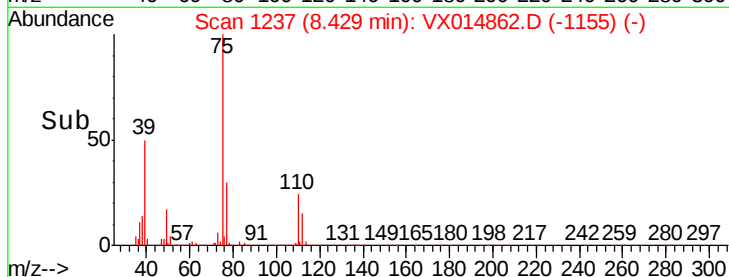
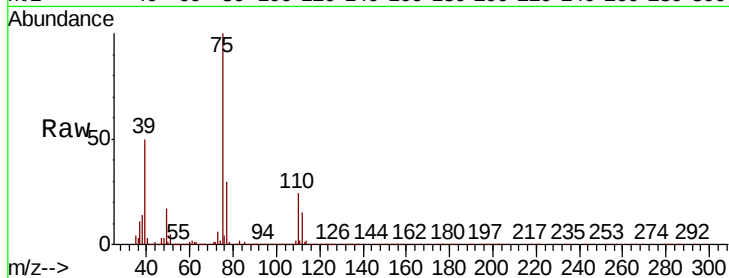


#49

cis-1,3-Dichloropropene
Concen: 20.792 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :

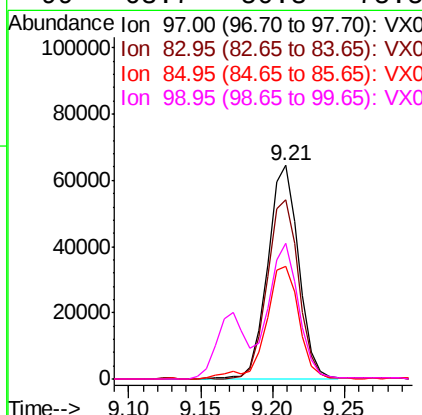
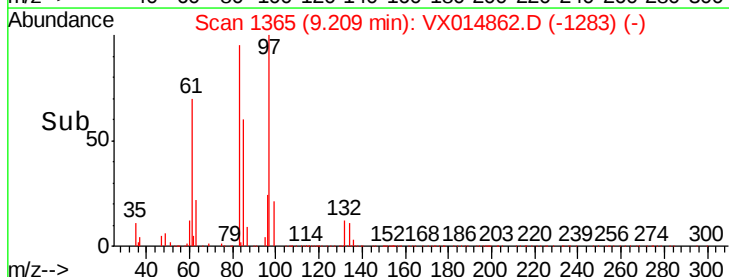
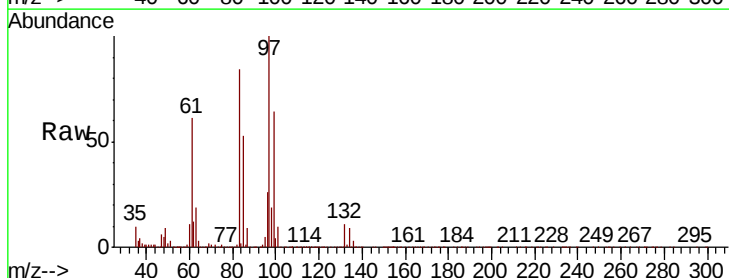
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.8	37.2
39	49.9	41.1	61.7

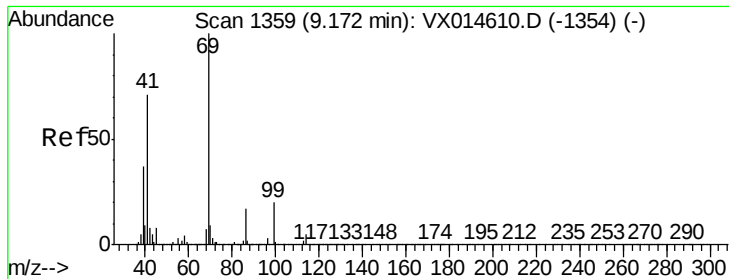


#50

1,1,2-Trichloroethane
Concen: 20.581 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	52.5	42.7	64.1
99	63.7	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.744 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

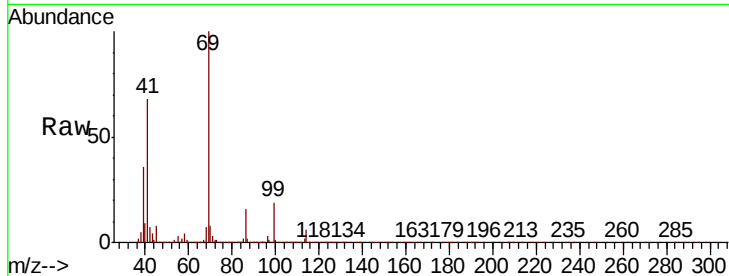
Tot Ion: 69 Resp: 143902

Ion Ratio Lower Upper

69 100

41 68.3 35.4 106.1

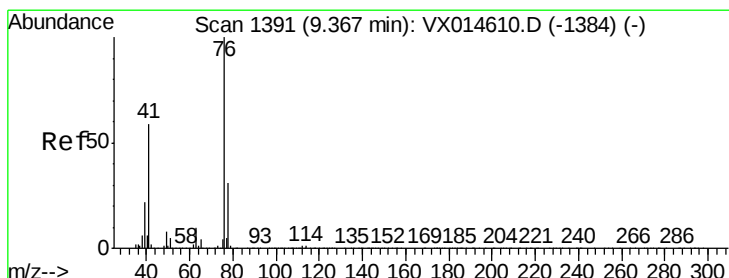
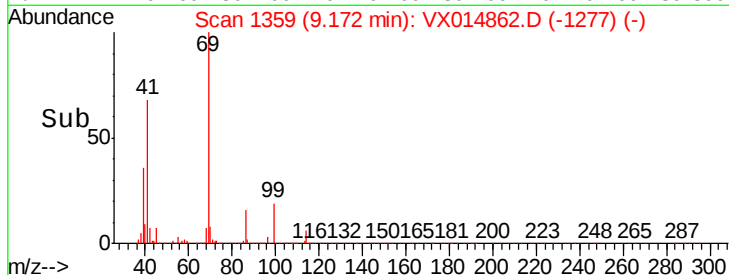
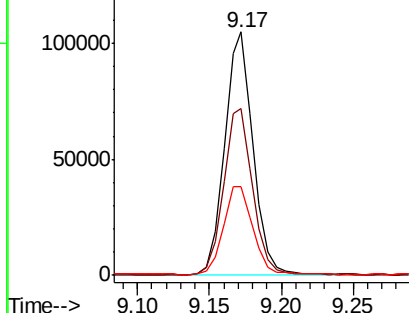
39 36.1 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.394 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014862.D

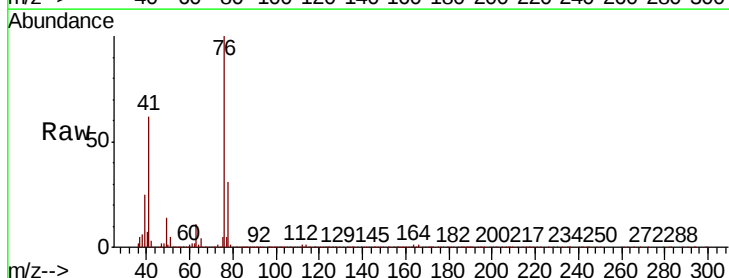
Acq: 07 Feb 2020 10:37

Tgt Ion: 76 Resp: 161742

Ion Ratio Lower Upper

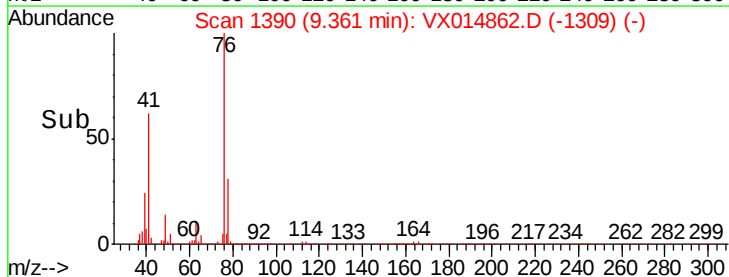
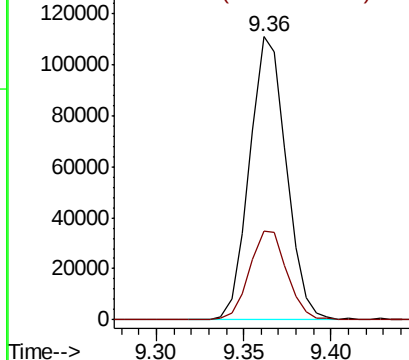
76 100

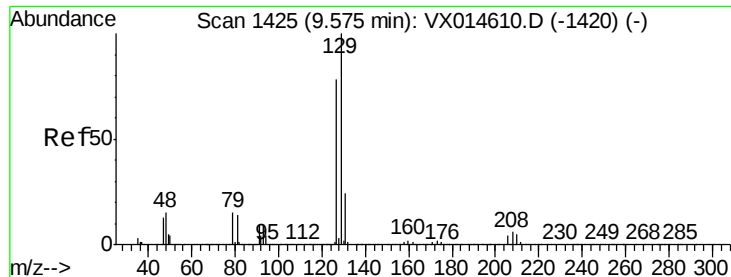
78 31.9 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 21.072 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

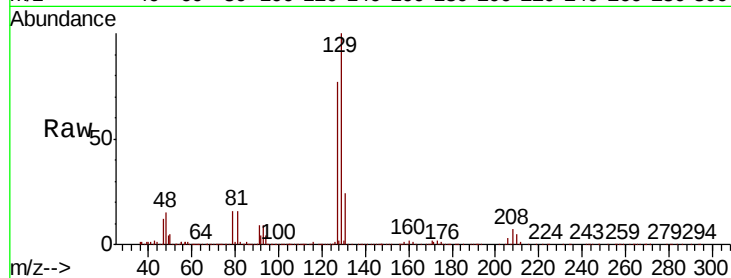
ClientSampleId :

Tot Ion:129 Resp: 100894

Ion Ratio Lower Upper

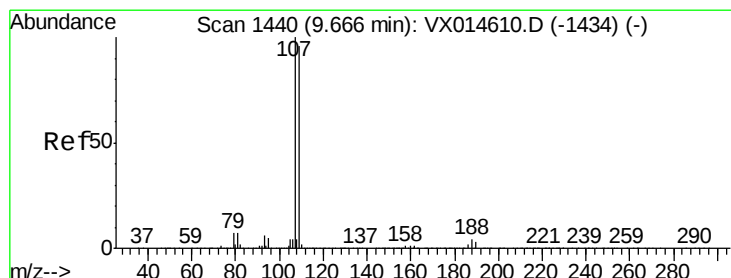
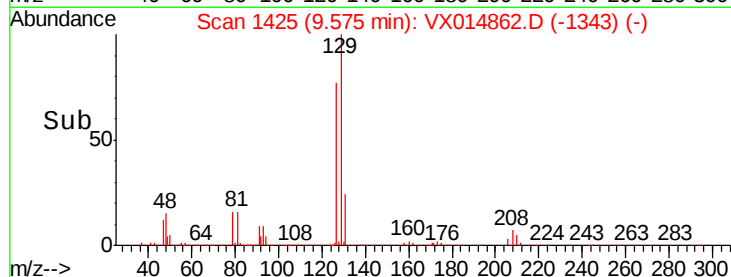
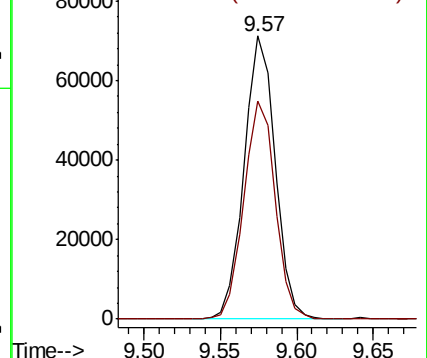
129 100

127 77.2 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.095 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014862.D

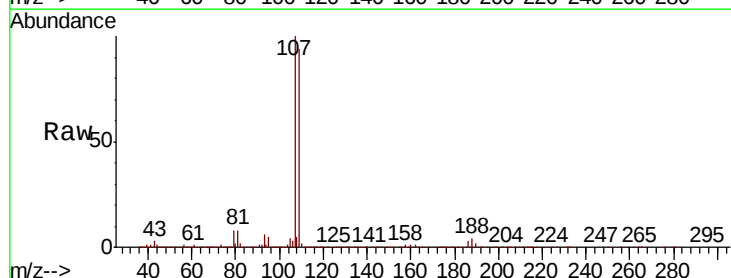
Acq: 07 Feb 2020 10:37

Tgt Ion:107 Resp: 102413

Ion Ratio Lower Upper

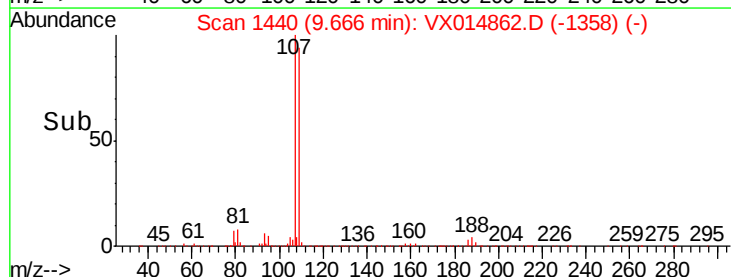
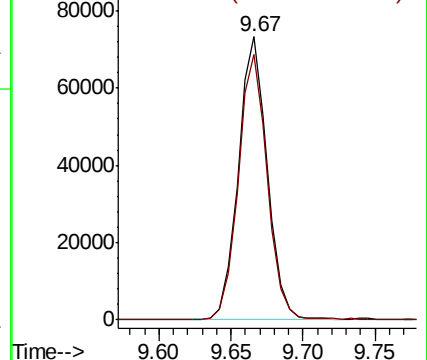
107 100

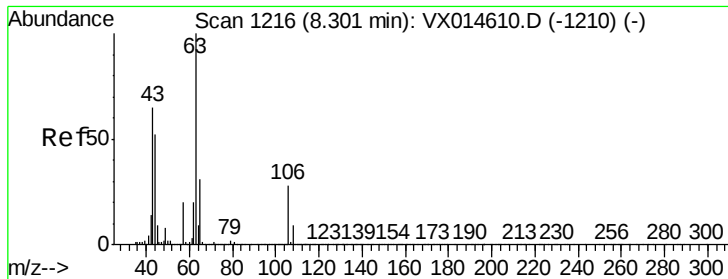
109 93.1 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

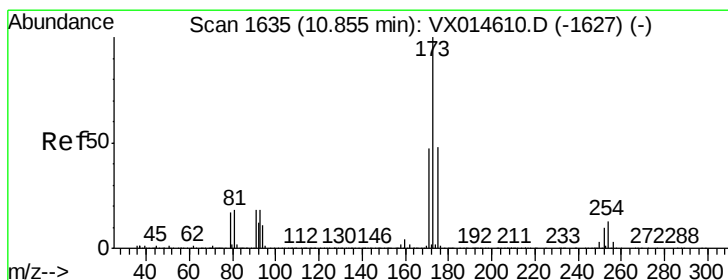
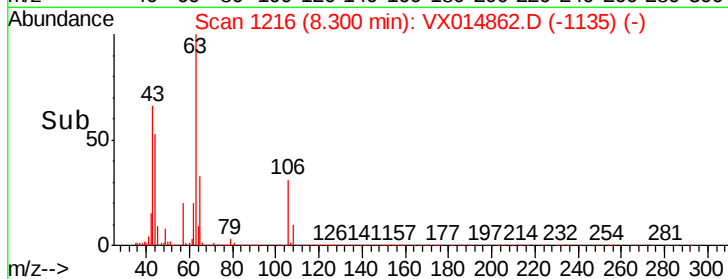
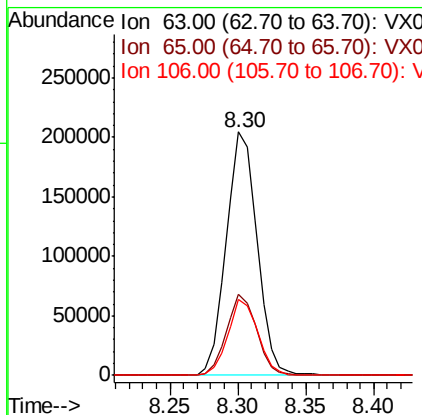
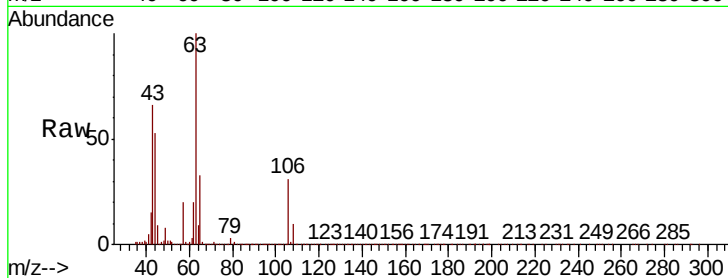




#55
2-Chloroethyl vinyl ether
Concen: 96.194 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

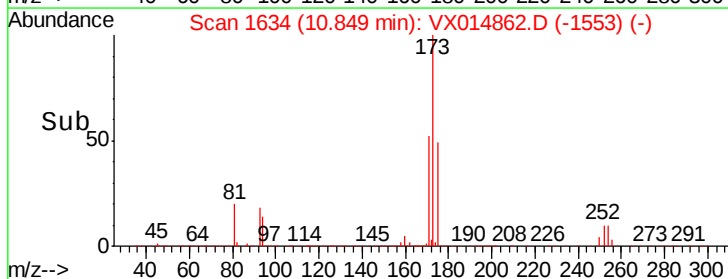
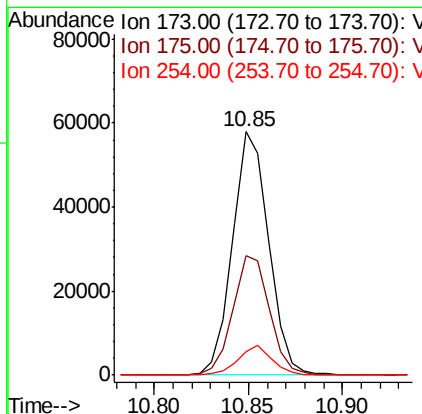
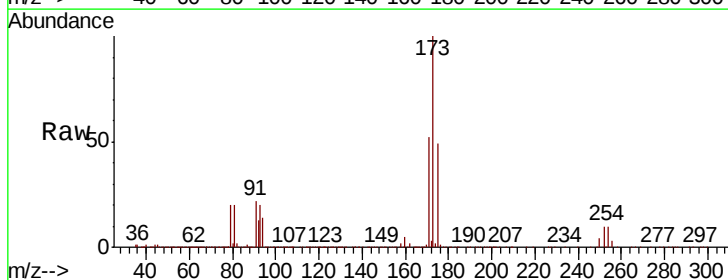
Instrument :
MSVOA_X
ClientSampled :

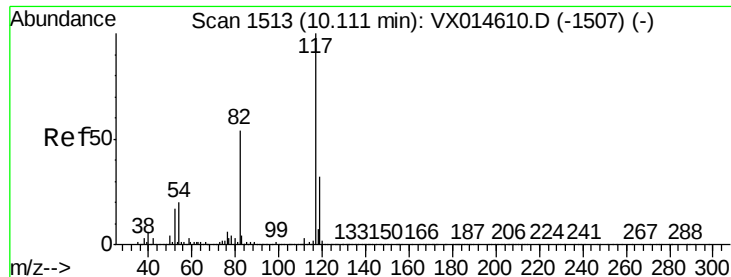
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	30.3	22.9	34.3



#56
Bromoform
Concen: 20.912 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.5	59.3
254	11.5	8.2	12.4

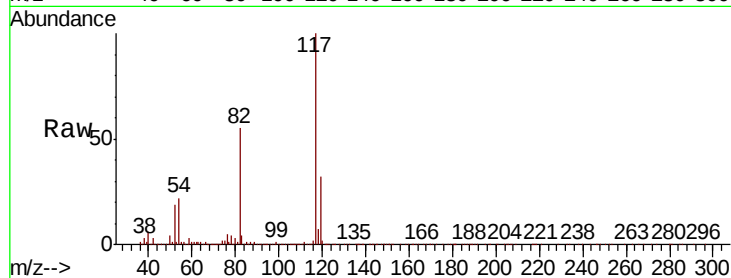




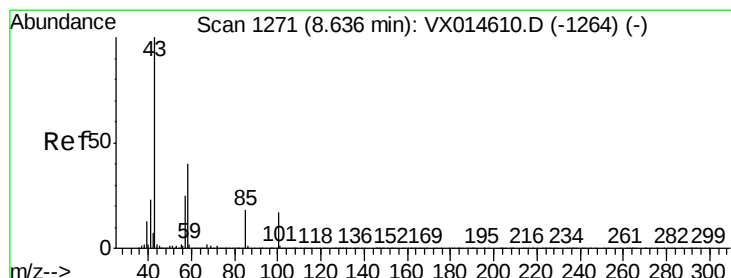
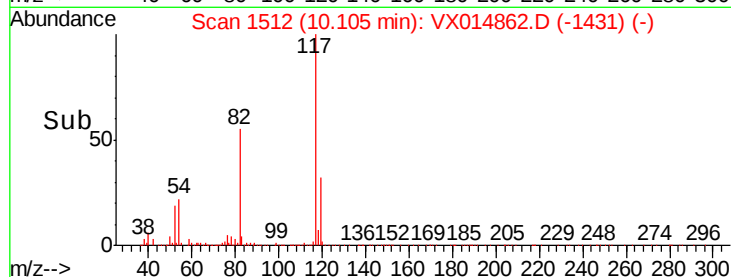
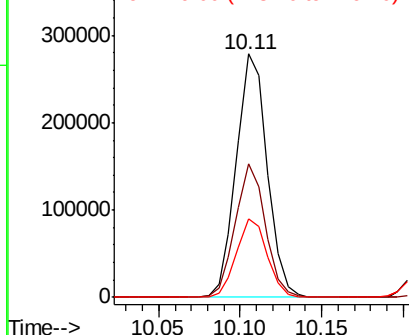
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.6
119	32.4	25.8	38.6

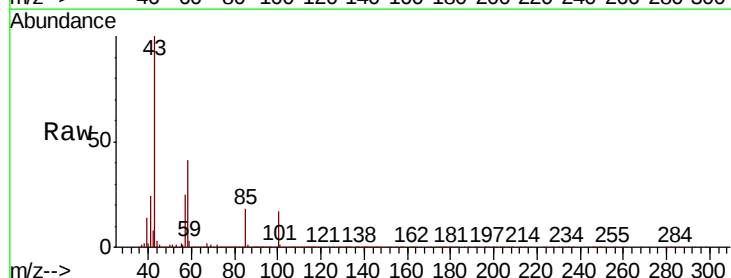


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

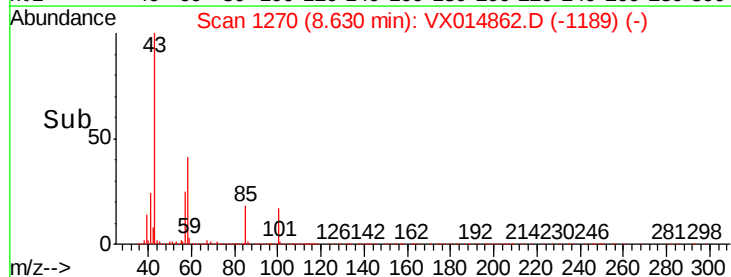
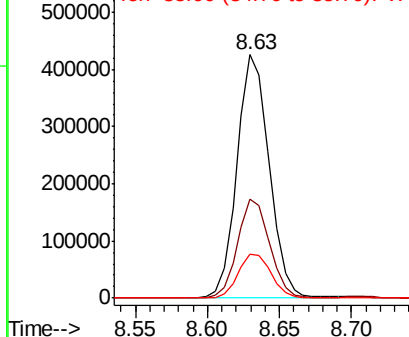


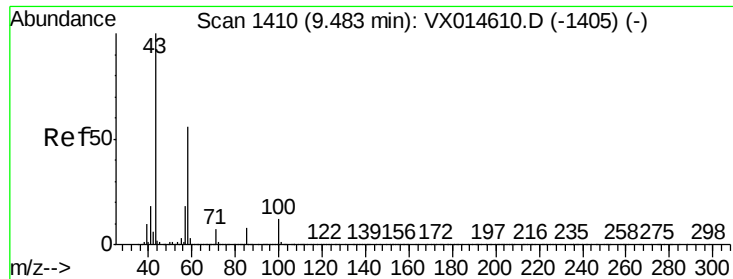
#58
4-Methyl-2-Pentanone
Concen: 95.294 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.2	46.8
85	18.5	14.2	21.2



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

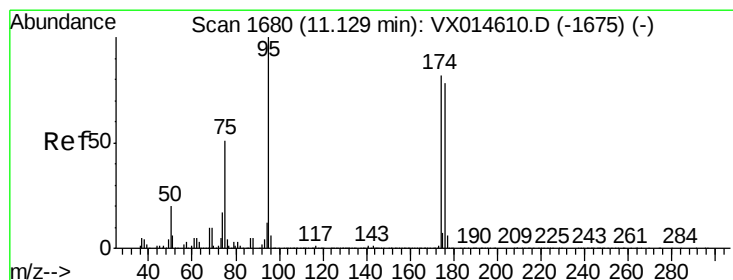
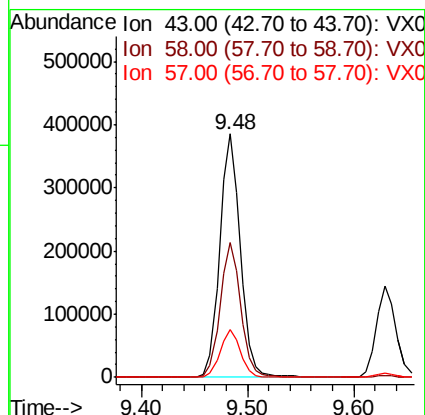
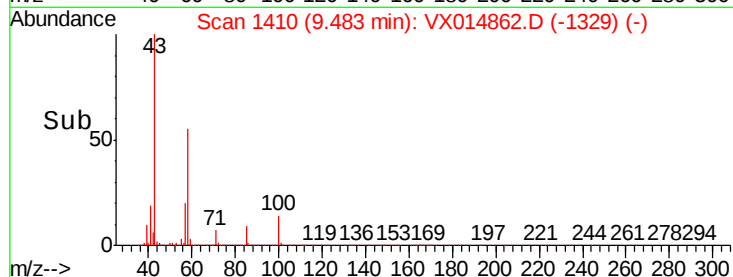
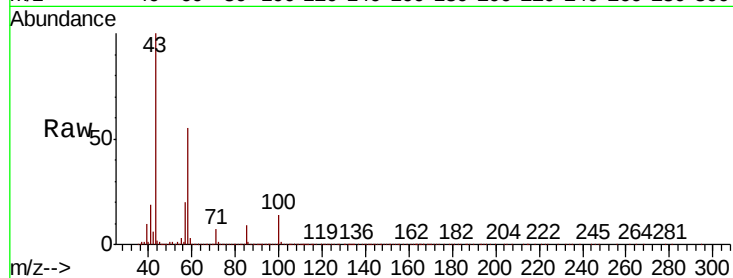




#59
2-Hexanone
Concen: 95.817 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

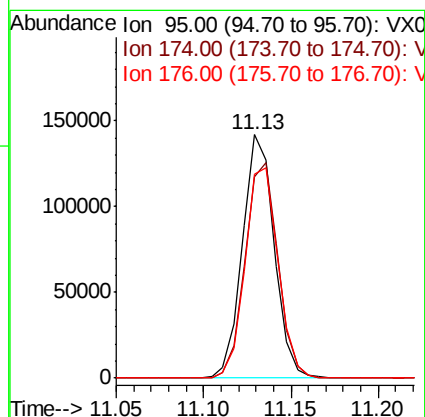
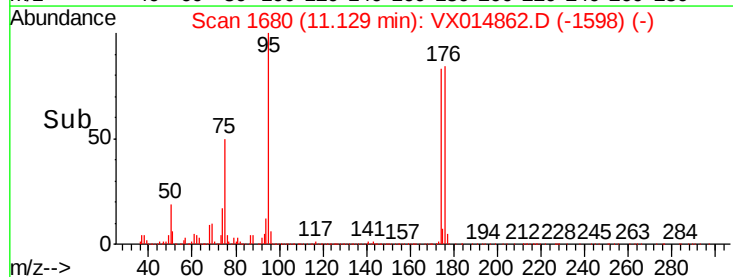
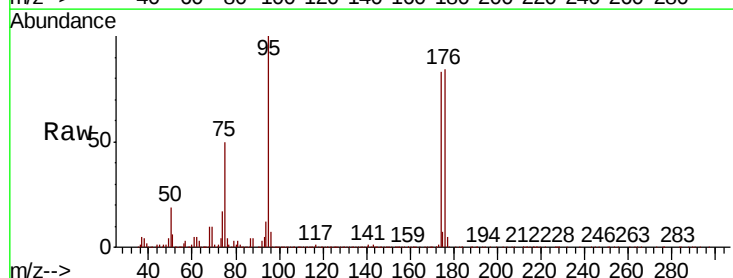
Instrument :
MSVOA_X
ClientSampled :

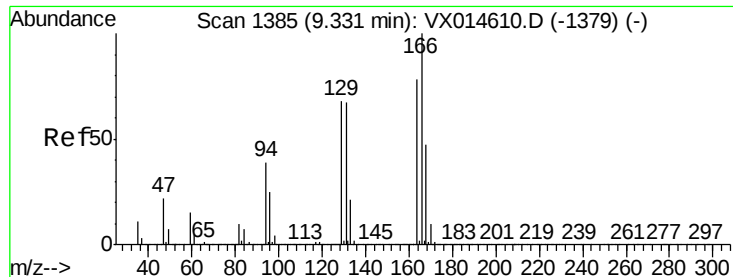
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	19.4	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 30.306 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.6	70.2	105.2
176	90.2	68.3	102.5





#61

Tetrachloroethene

Concen: 20.674 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 112711

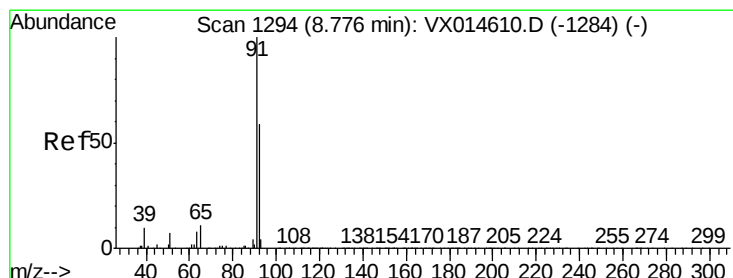
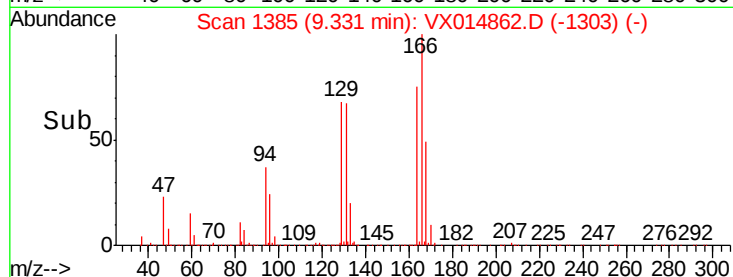
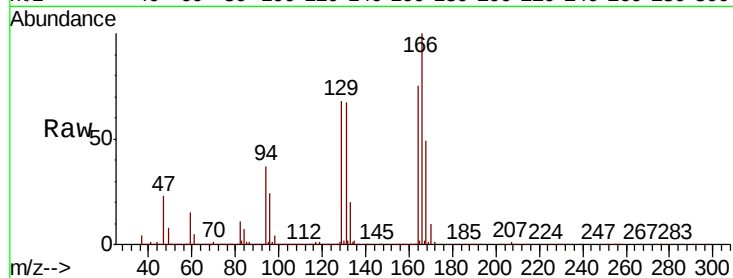
Ion Ratio Lower Upper

164 100

166 132.4 104.2 156.2

129 89.9 71.6 107.4

131 88.8 71.7 107.5



#62

Toluene

Concen: 20.537 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014862.D

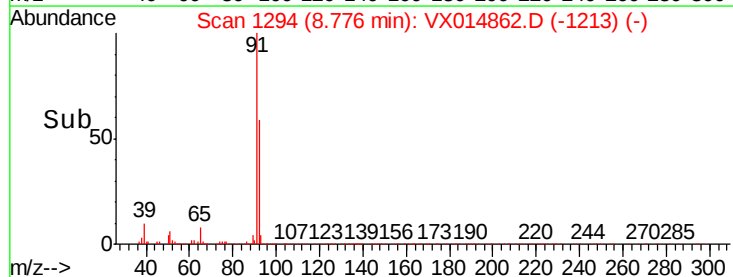
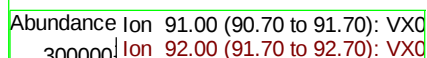
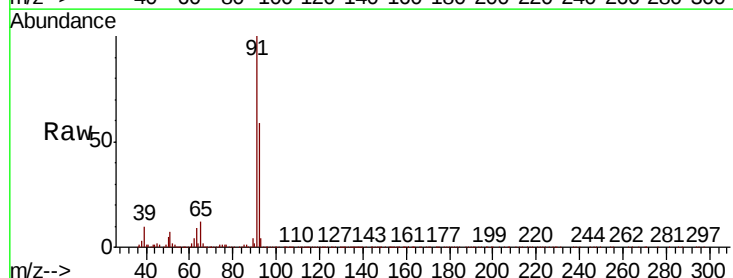
Acq: 07 Feb 2020 10:37

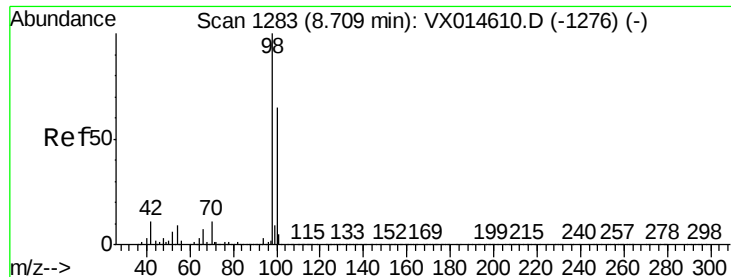
Tgt Ion: 91 Resp: 401906

Ion Ratio Lower Upper

91 100

92 58.5 46.4 69.6





#63

Toluene-d8

Concen: 29.459 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

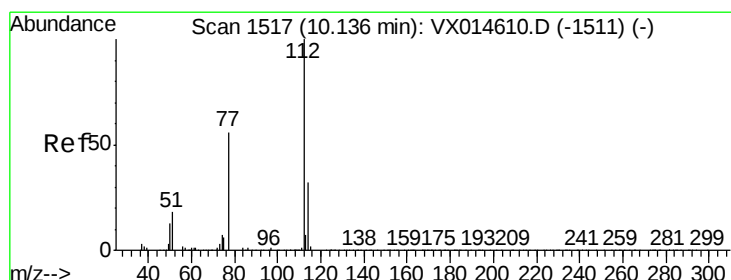
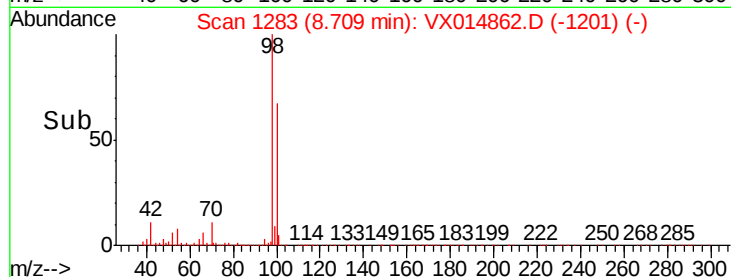
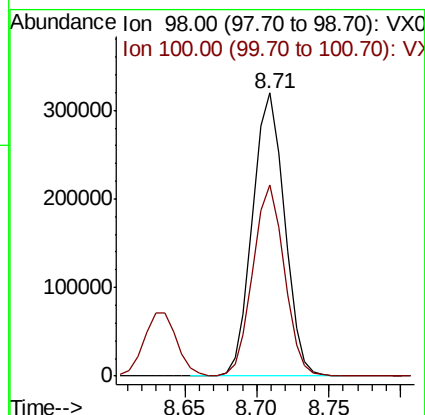
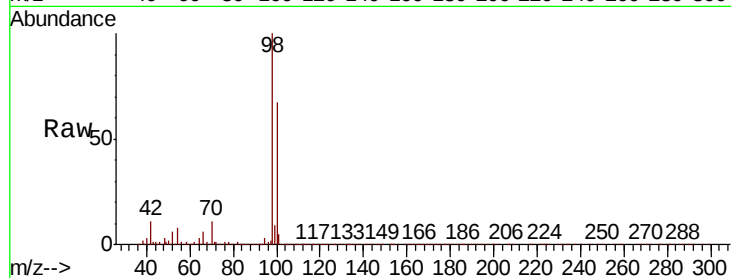
ClientSampleId :

Tot Ion: 98 Resp: 490813

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



#64

Chlorobenzene

Concen: 21.218 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014862.D

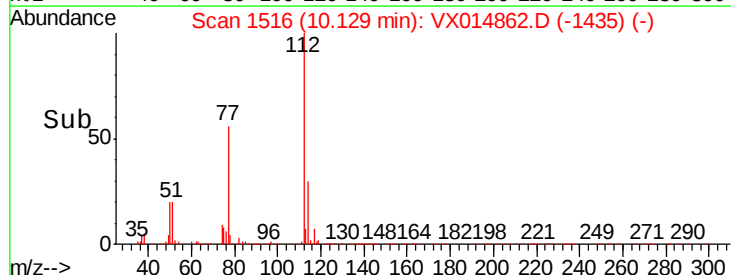
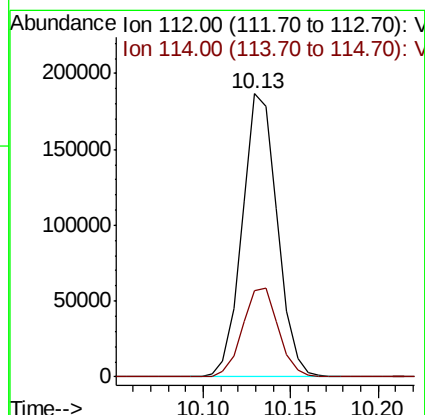
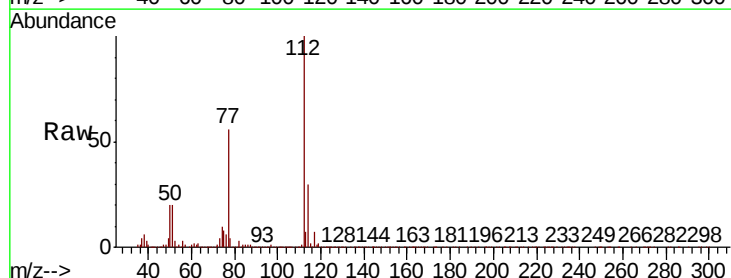
Acq: 07 Feb 2020 10:37

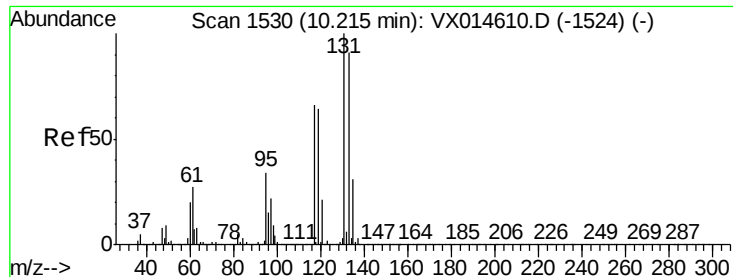
Tgt Ion: 112 Resp: 259207

Ion Ratio Lower Upper

112 100

114 30.4 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

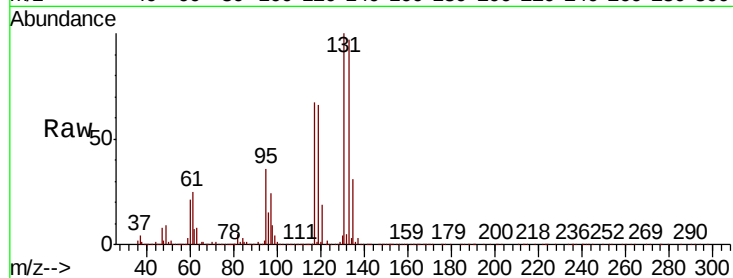
Tot Ion:131 Resp: 96285

Ion Ratio Lower Upper

131 100

133 95.3 0.0 189.8

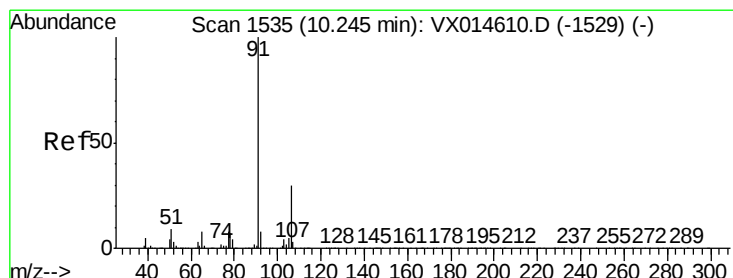
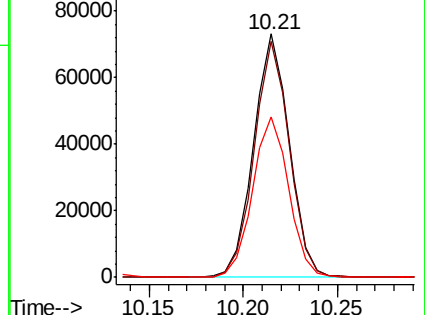
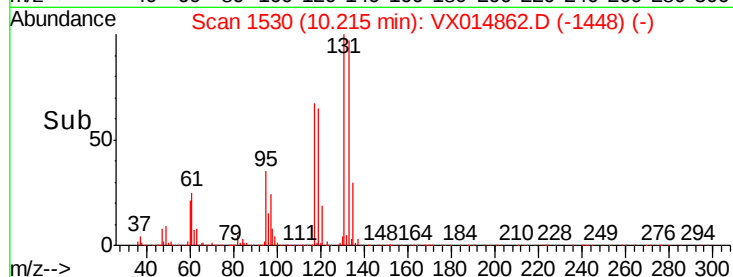
119 66.4 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.129 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014862.D

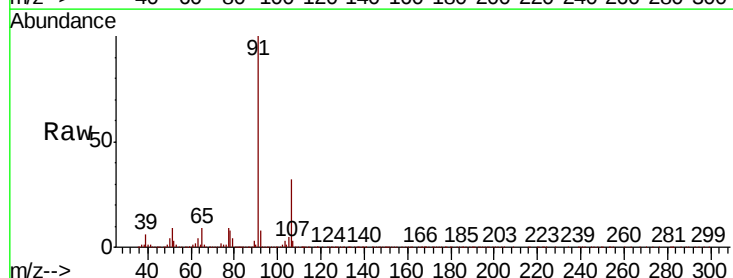
Acq: 07 Feb 2020 10:37

Tgt Ion: 91 Resp: 450362

Ion Ratio Lower Upper

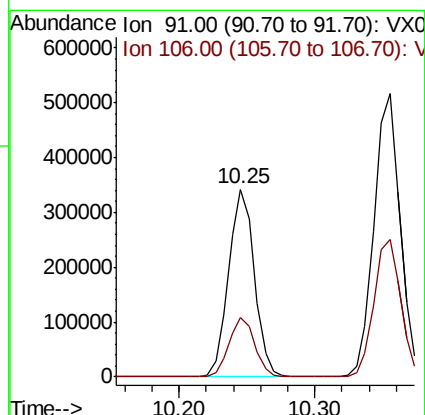
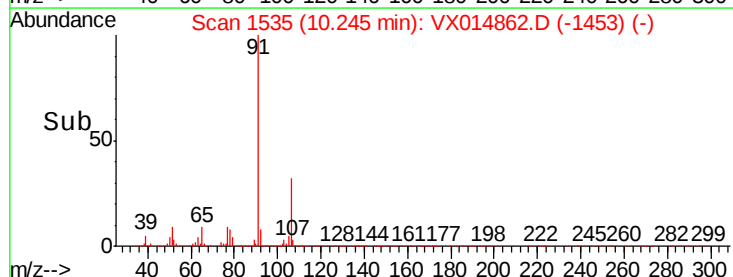
91 100

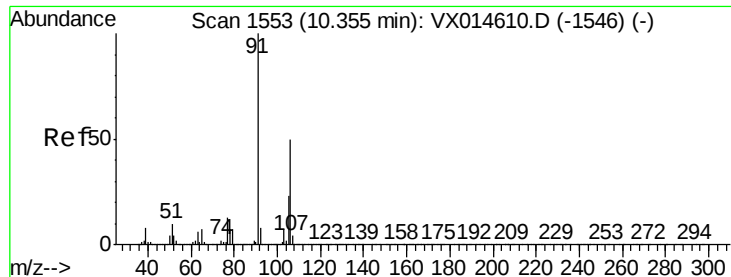
106 31.5 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 41.865 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

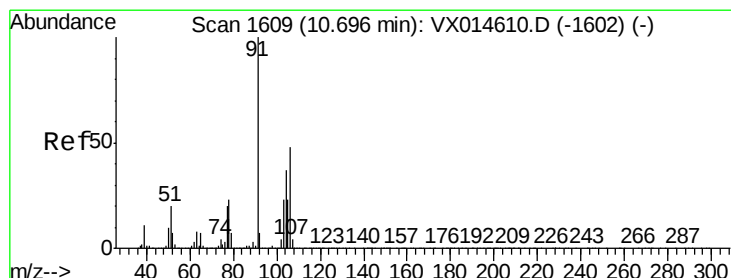
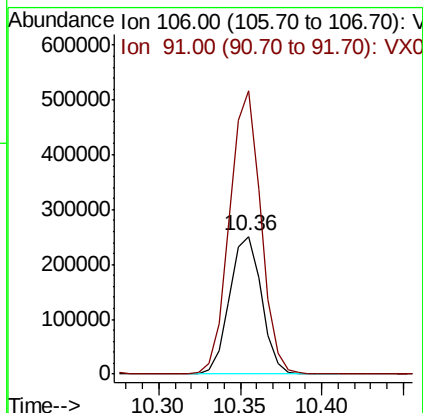
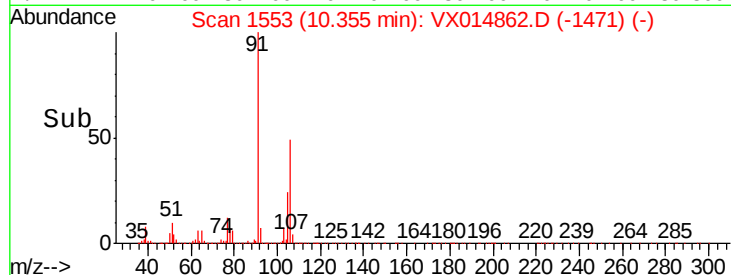
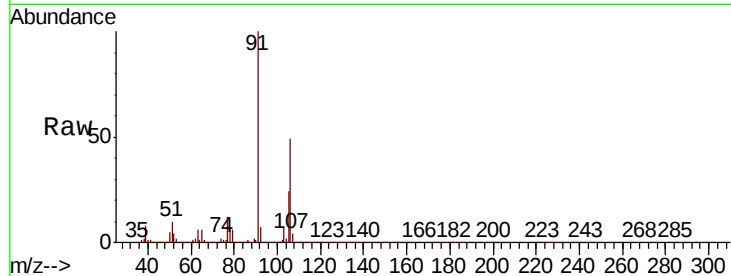
ClientSampleId :

Tot Ion:106 Resp: 341808

Ion Ratio Lower Upper

106 100

91 201.7 159.3 238.9



#68

o-Xylene

Concen: 20.882 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014862.D

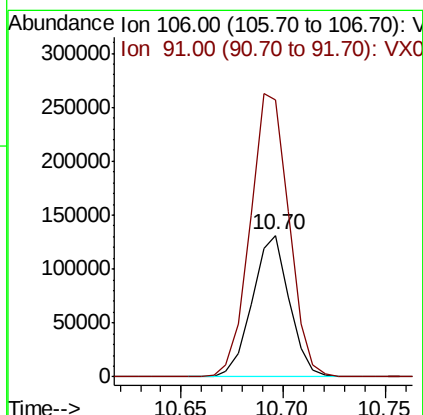
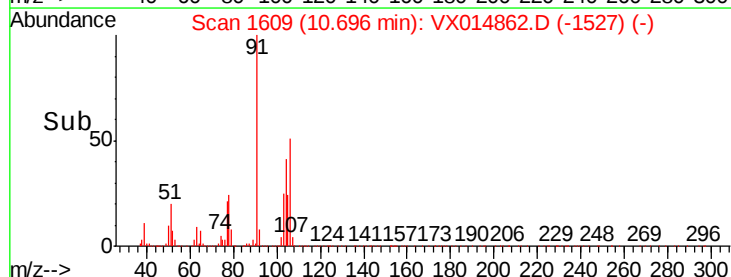
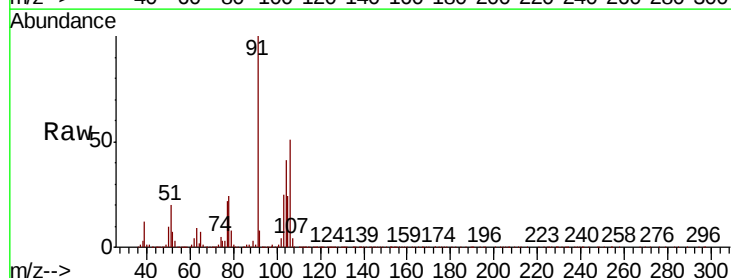
Acq: 07 Feb 2020 10:37

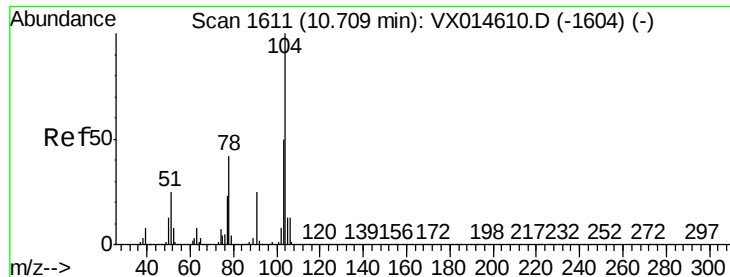
Tgt Ion:106 Resp: 166025

Ion Ratio Lower Upper

106 100

91 208.9 104.8 314.6

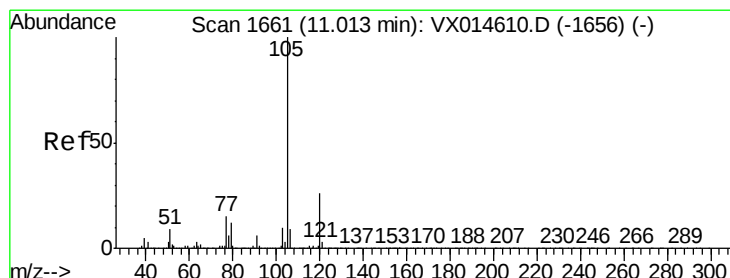
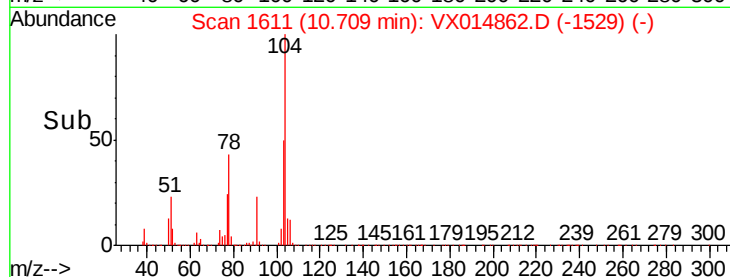
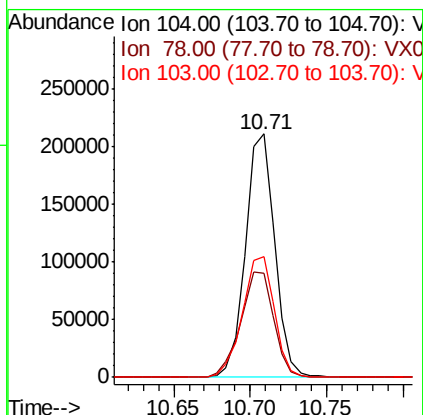
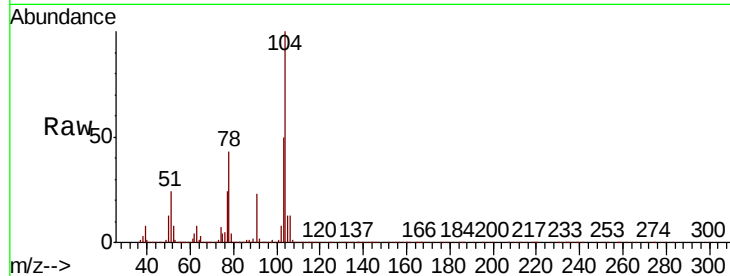




#69
Stvrene
Concen: 20.801 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

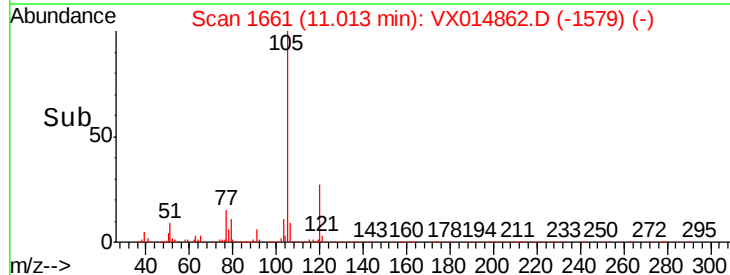
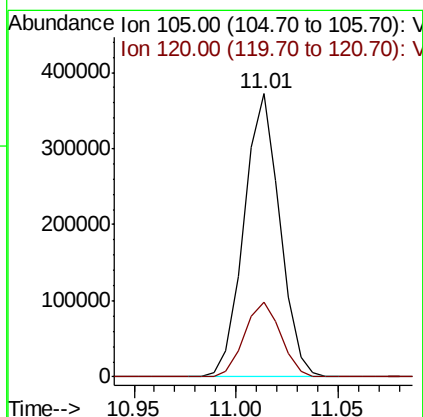
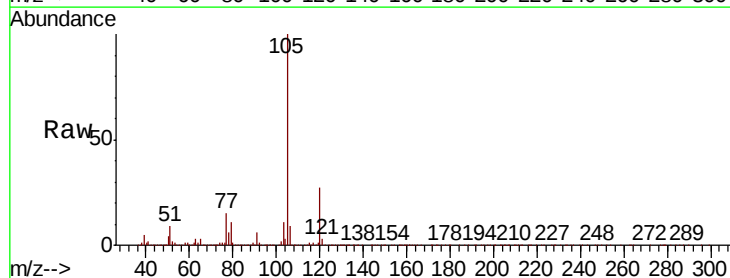
Instrument :
MSVOA_X
ClientSampled :

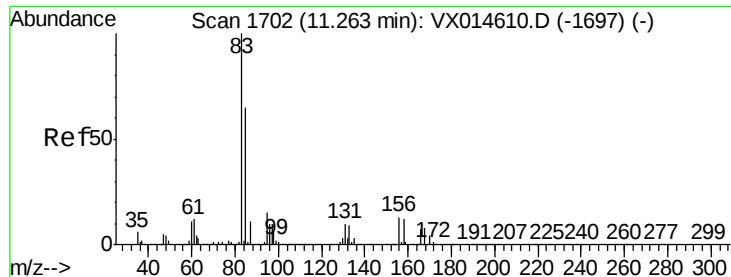
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.2	44.2	66.2



#70
Isopropylbenzene
Concen: 21.770 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.649 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

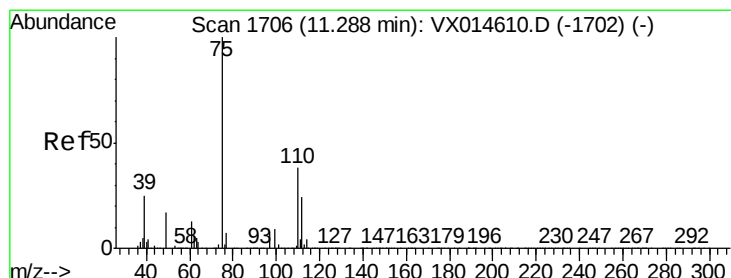
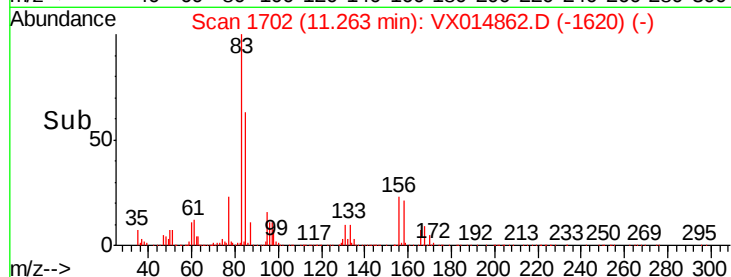
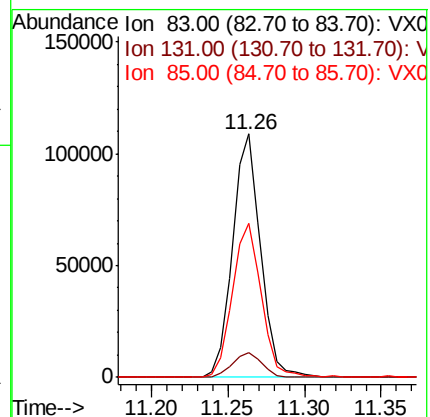
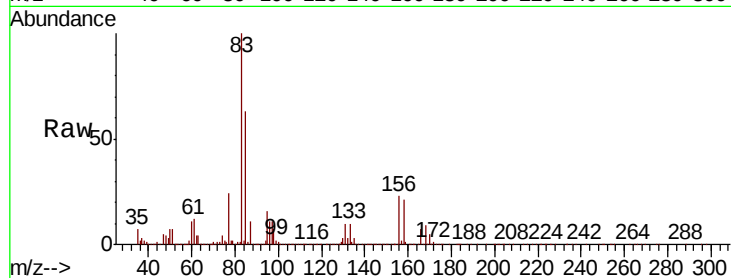
Tot Ion: 83 Resp: 137858

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.7

85 64.9 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 26.635 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014862.D

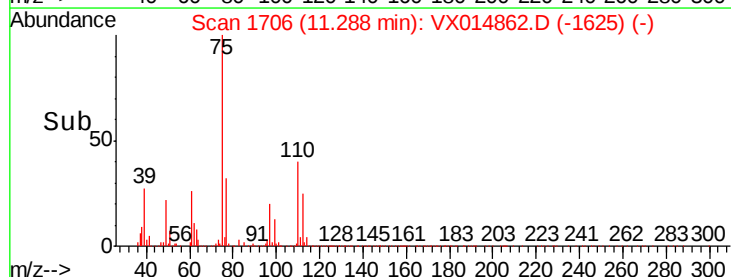
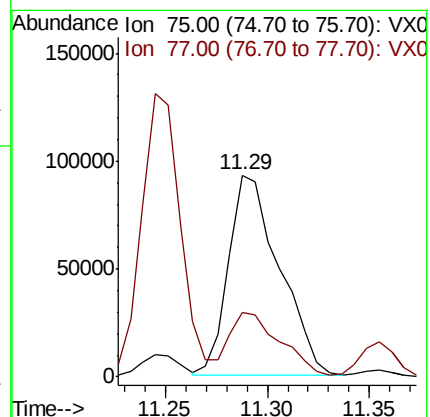
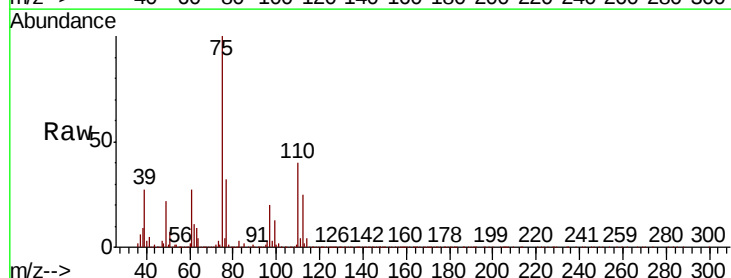
Acq: 07 Feb 2020 10:37

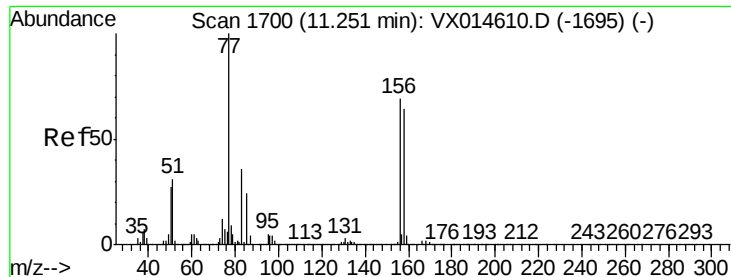
Tgt Ion: 75 Resp: 159846

Ion Ratio Lower Upper

75 100

77 31.5 0.0 68.4





#73

Bromobenzene

Concen: 21.797 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

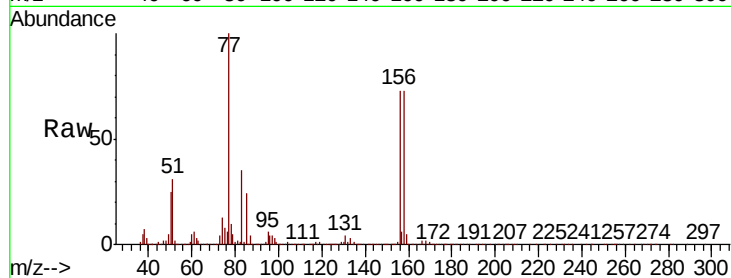
Tot Ion:156 Resp: 120350

Ion Ratio Lower Upper

156 100

77 143.3 0.0 304.6

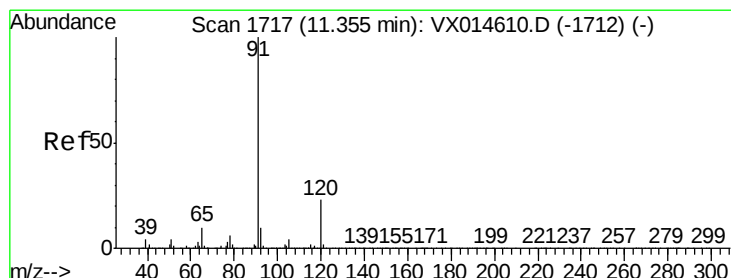
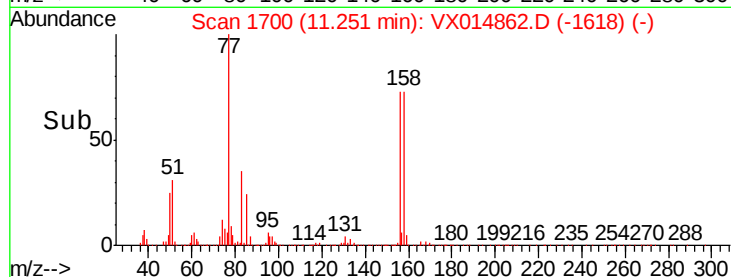
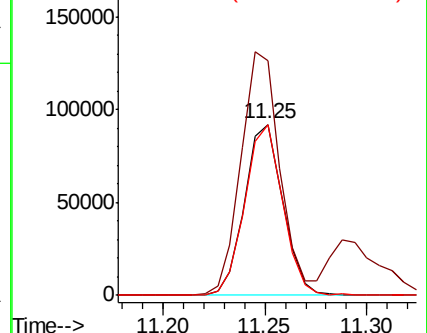
158 97.5 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.652 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014862.D

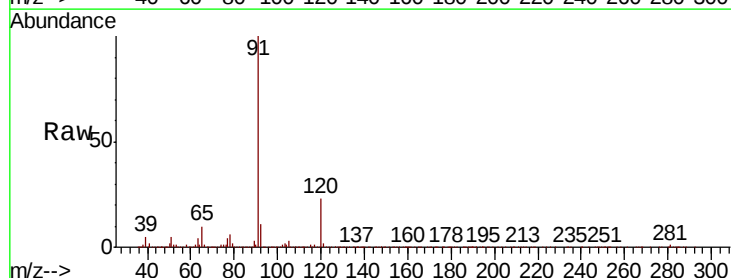
Acq: 07 Feb 2020 10:37

Tgt Ion: 91 Resp: 515327

Ion Ratio Lower Upper

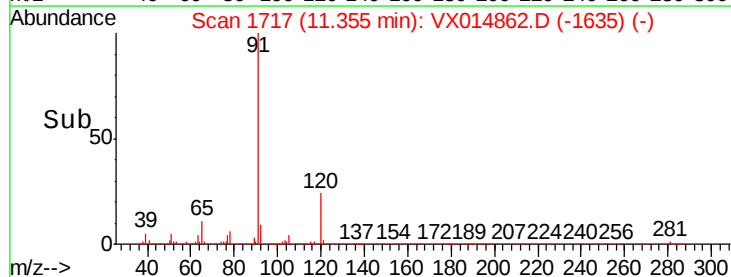
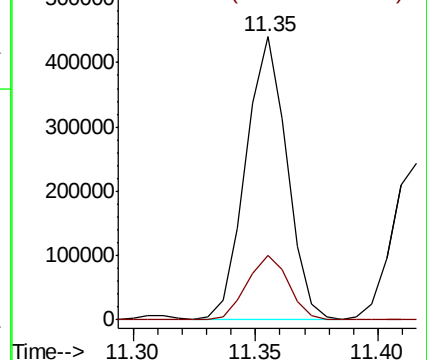
91 100

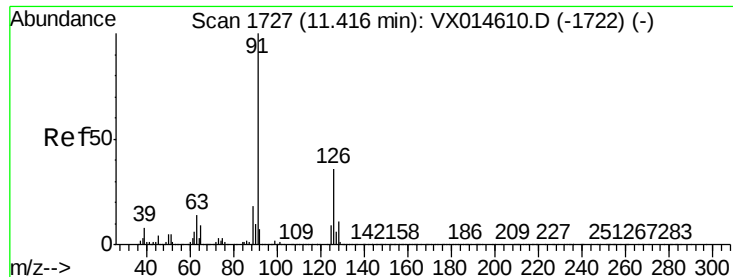
120 23.3 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

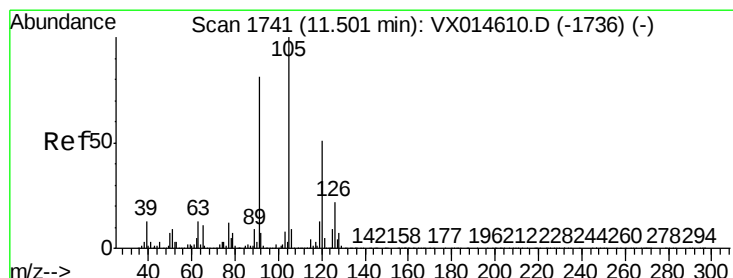
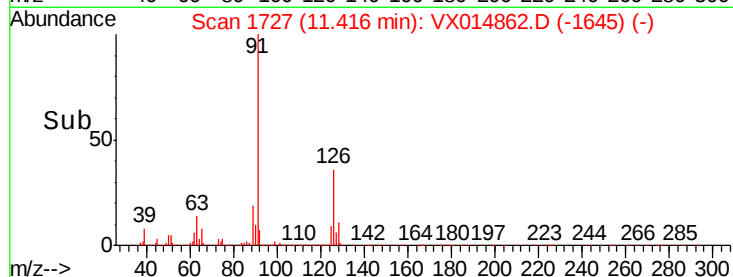
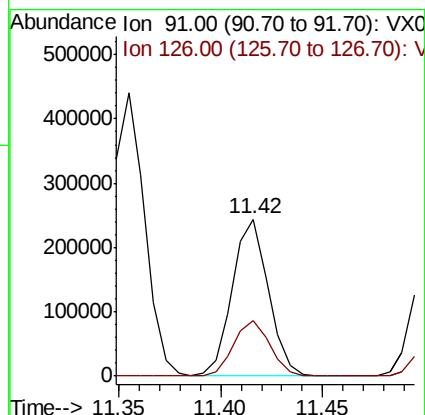
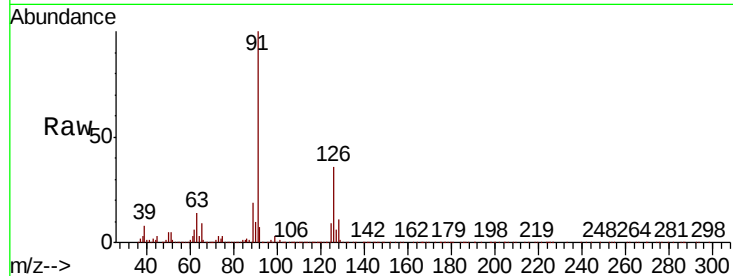




#75
 2-Chlorotoluene
 Concen: 21.051 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

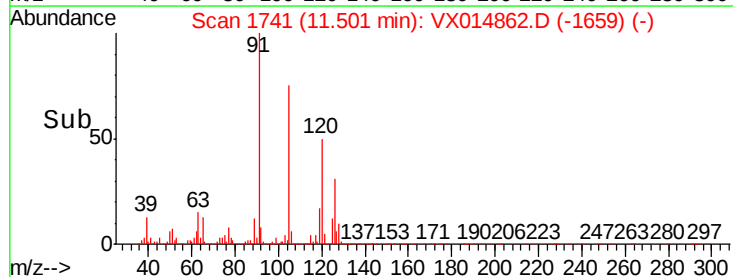
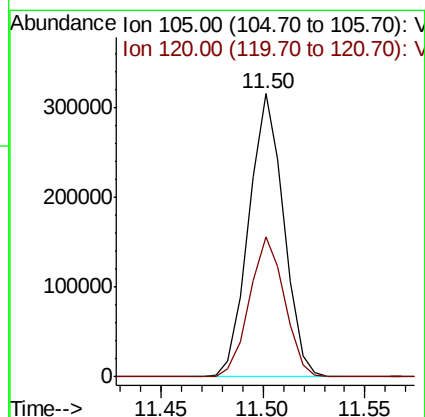
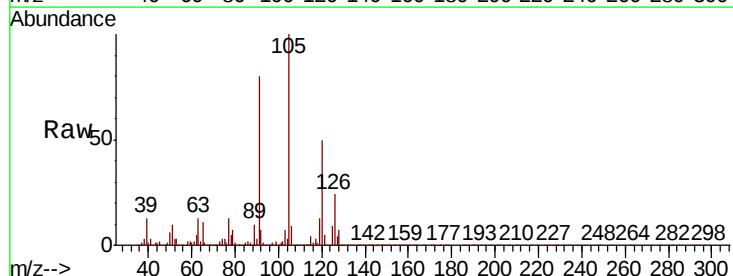
Instrument :
 MSVOA_X
 ClientSampled :

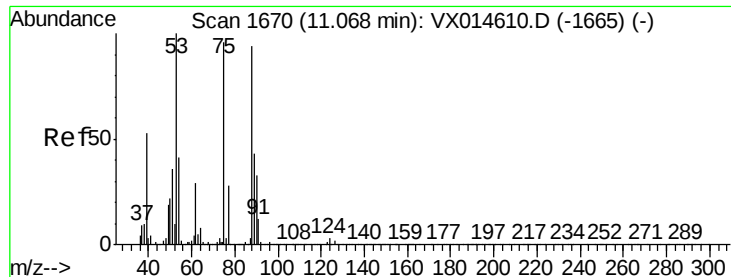
Tot Ion: 91 Resp: 300281
 Ion Ratio Lower Upper
 91 100
 126 35.1 0.0 70.8



#76
 1,3,5-Trimethylbenzene
 Concen: 21.595 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion: 105 Resp: 374798
 Ion Ratio Lower Upper
 105 100
 120 49.7 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 20.381 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

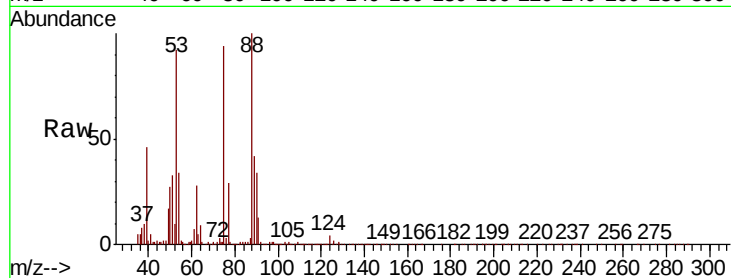
Tot Ion: 75 Resp: 47076

Ion Ratio Lower Upper

75 100

53 98.4 54.4 163.1

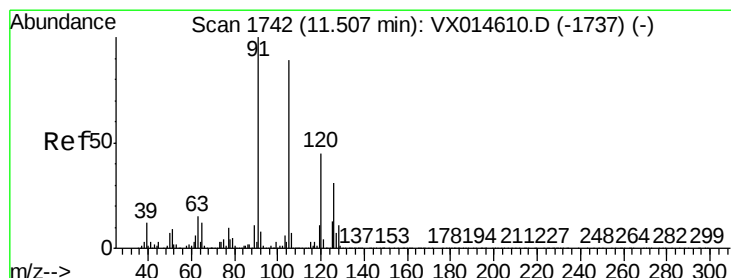
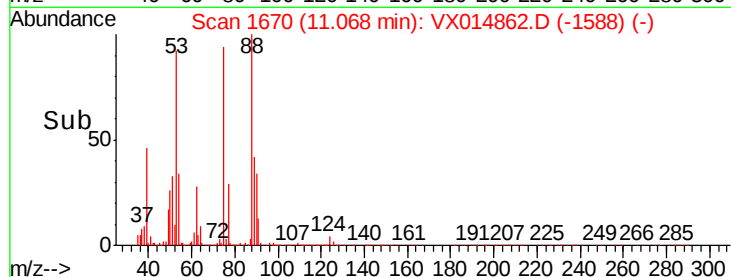
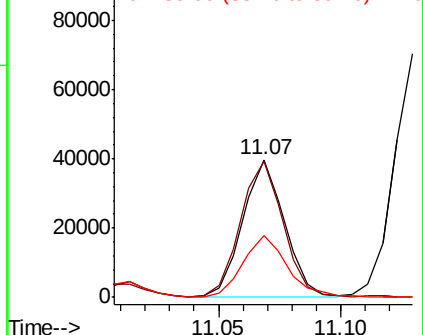
89 44.6 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 21.449 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014862.D

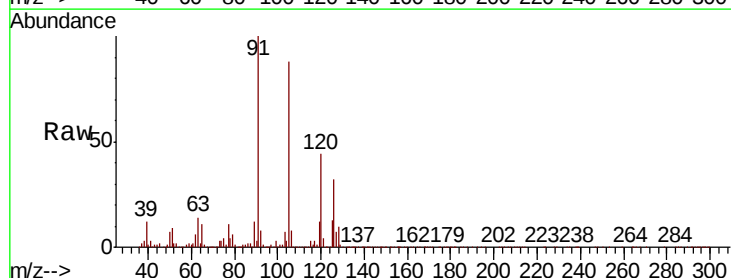
Acq: 07 Feb 2020 10:37

Tgt Ion: 91 Resp: 347470

Ion Ratio Lower Upper

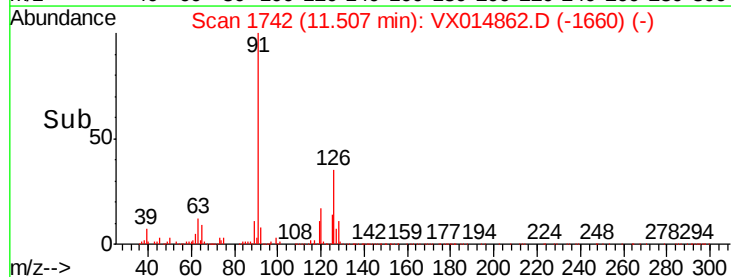
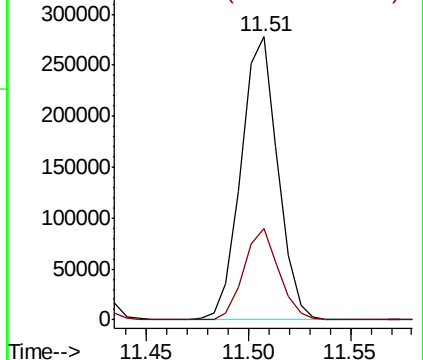
91 100

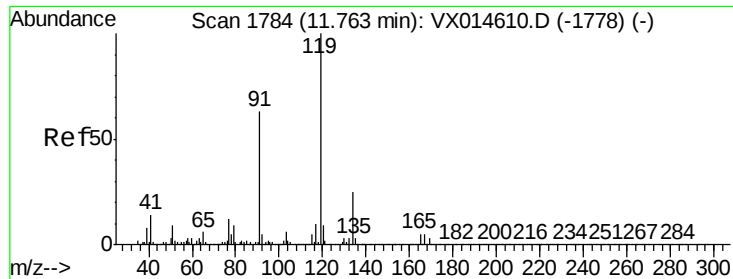
126 30.7 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 22.410 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

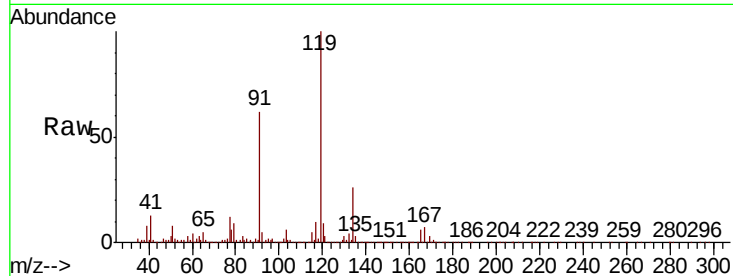
Tot Ion:119 Resp: 363920

Ion Ratio Lower Upper

119 100

91 57.7 0.0 112.6

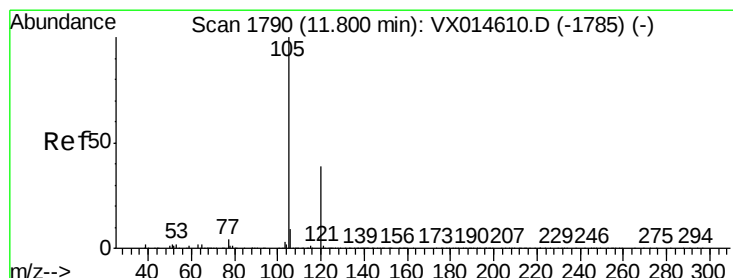
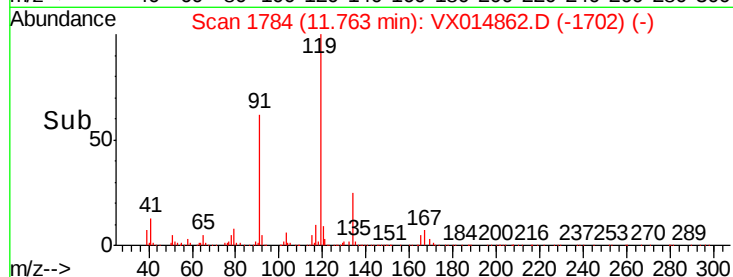
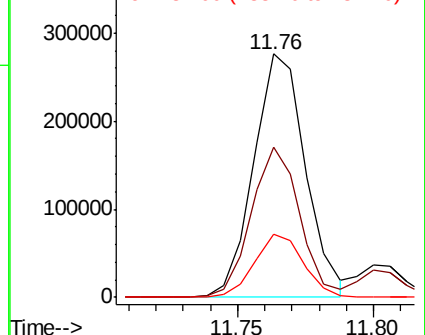
134 24.7 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.536 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014862.D

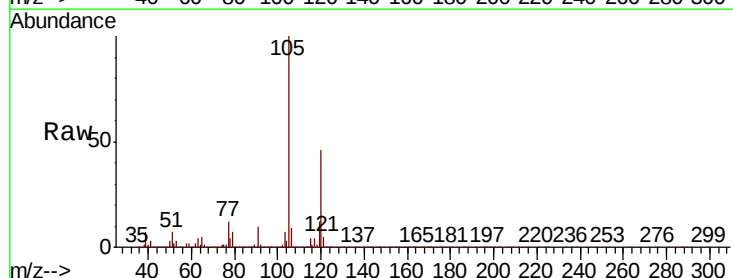
Acq: 07 Feb 2020 10:37

Tgt Ion:105 Resp: 372794

Ion Ratio Lower Upper

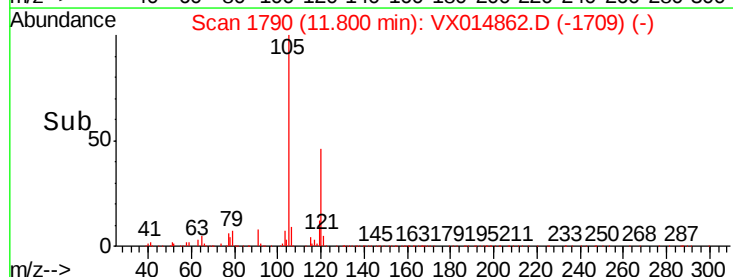
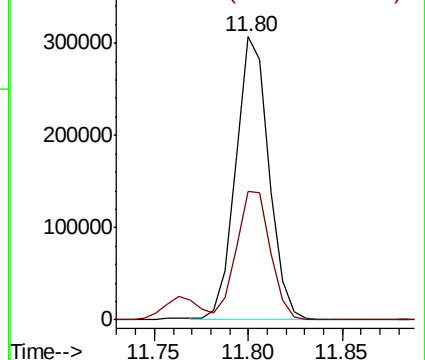
105 100

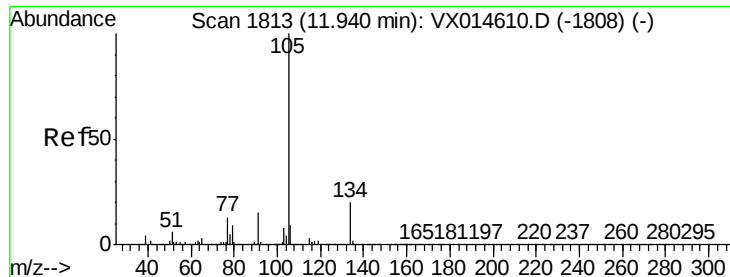
120 46.8 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 21.875 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

Instrument :

MSVOA_X

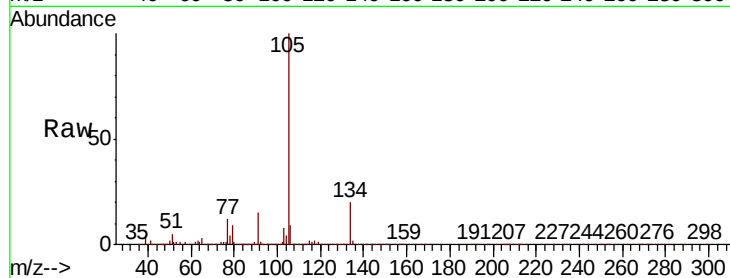
ClientSampleId :

Tot Ion:105 Resp: 439583

Ion Ratio Lower Upper

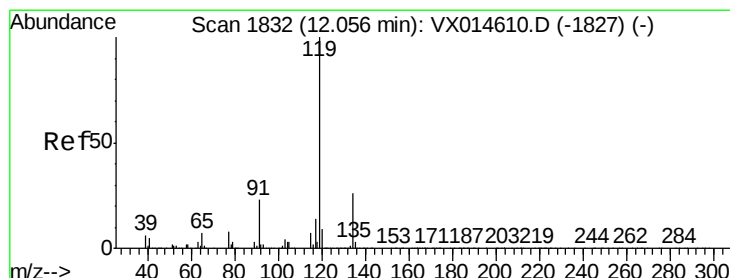
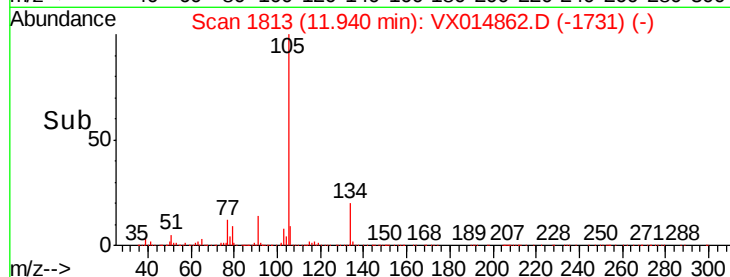
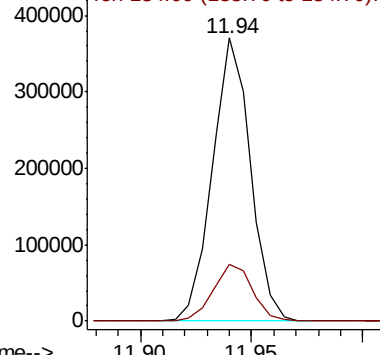
105 100

134 21.0 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 22.207 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014862.D

Acq: 07 Feb 2020 10:37

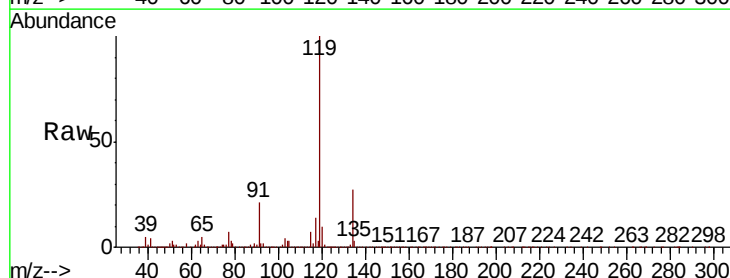
Tgt Ion:119 Resp: 407380

Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.8

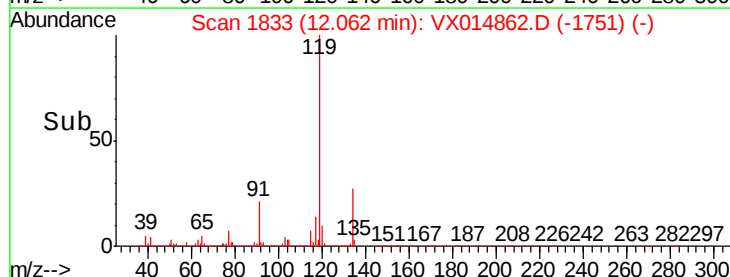
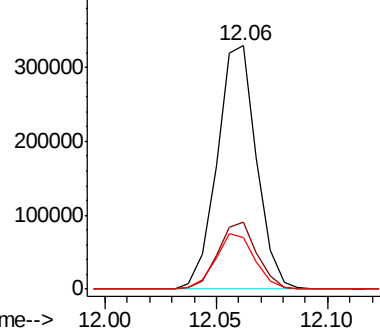
91 22.7 0.0 45.0

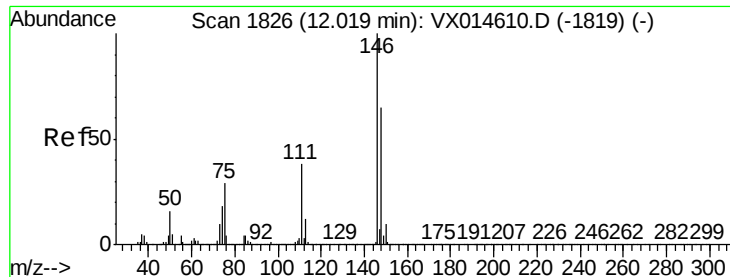


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

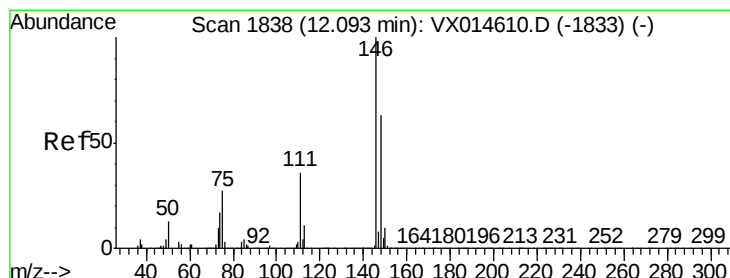
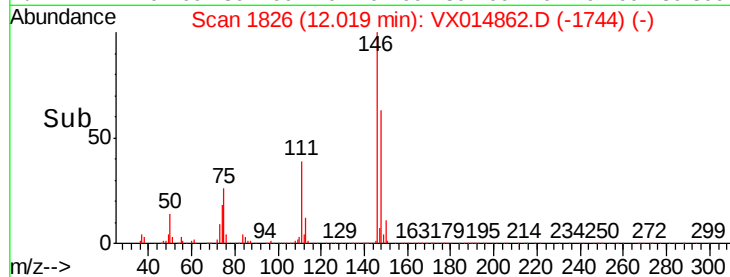
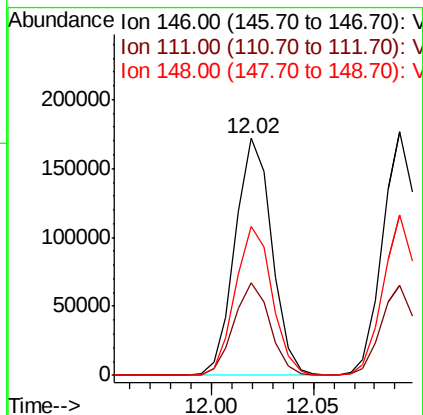
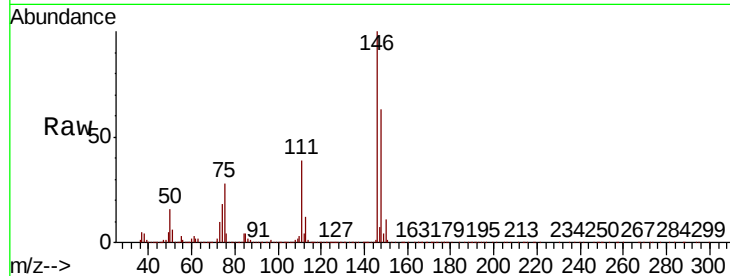




#83
 1,3-Dichlorobenzene
 Concen: 22.271 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

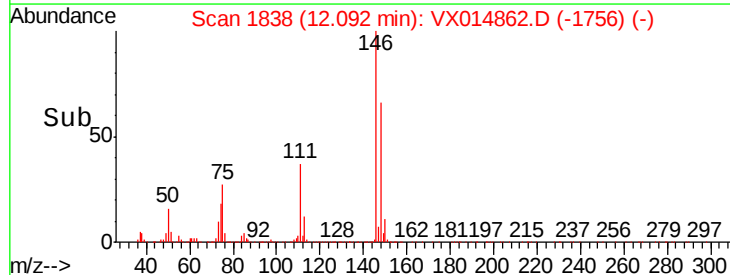
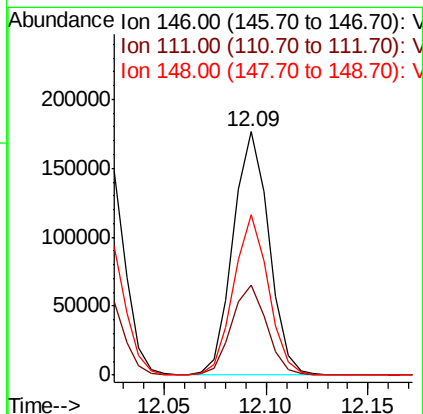
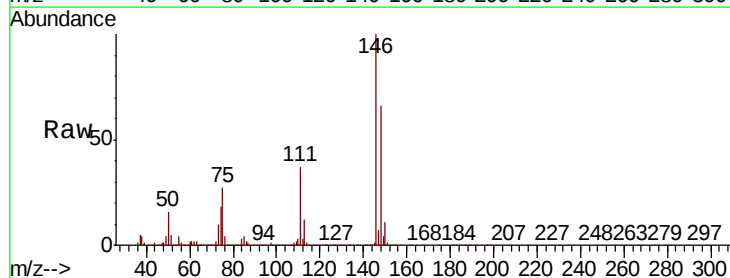
Instrument :
 MSVOA_X
 ClientSampleId :

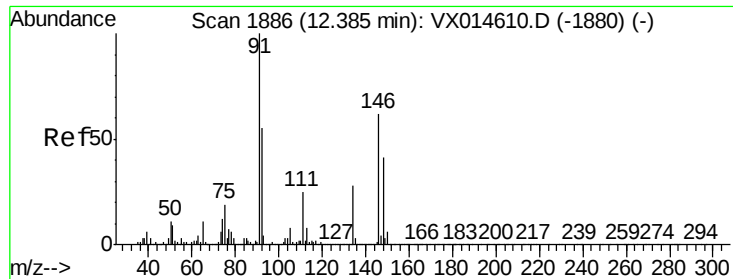
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.9
148	63.1	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 22.492 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.4	55.4
148	63.6	32.0	96.0

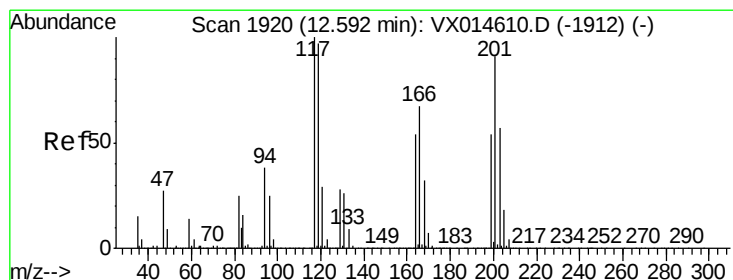
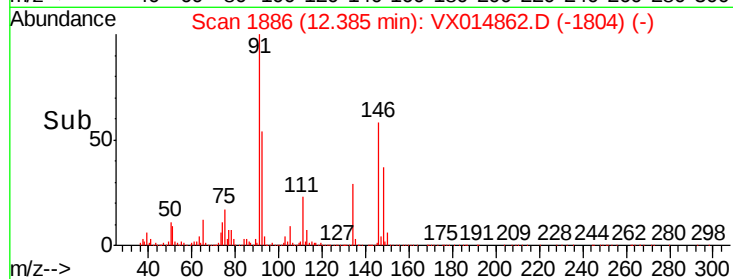
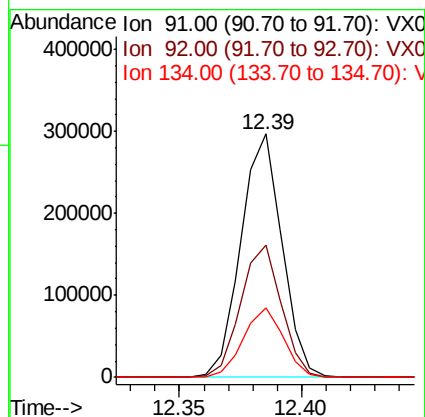
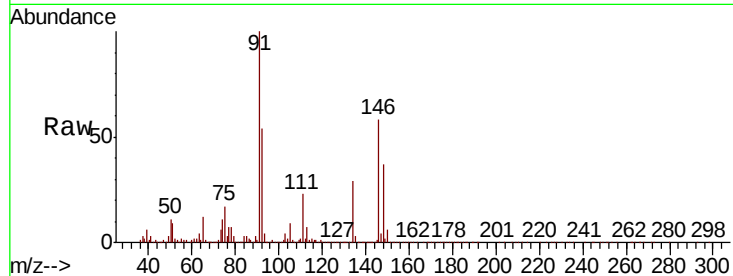




#85
n-Butylbenzene
Concen: 21.666 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

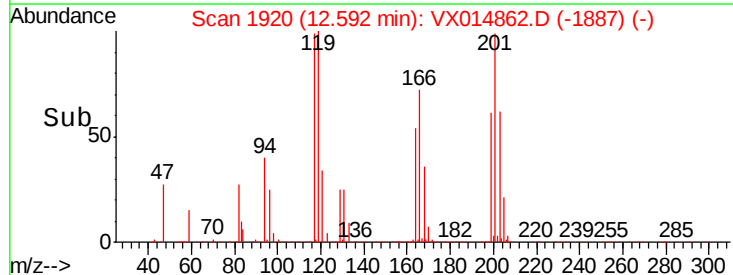
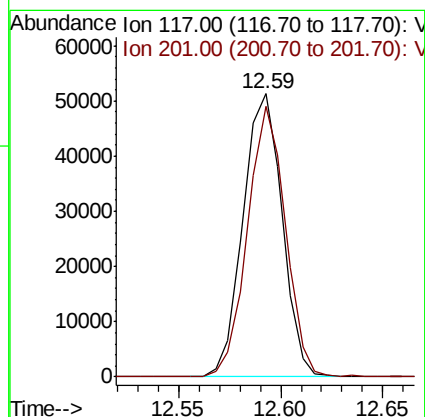
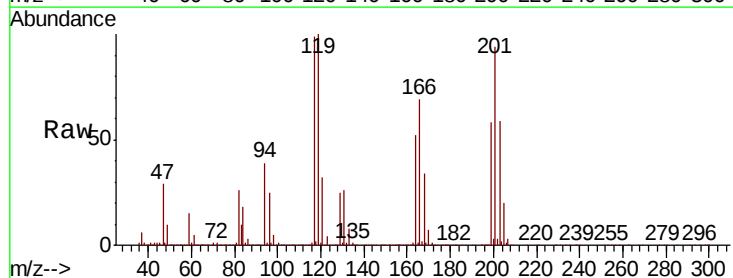
Instrument :
MSVOA_X
ClientSampleId :

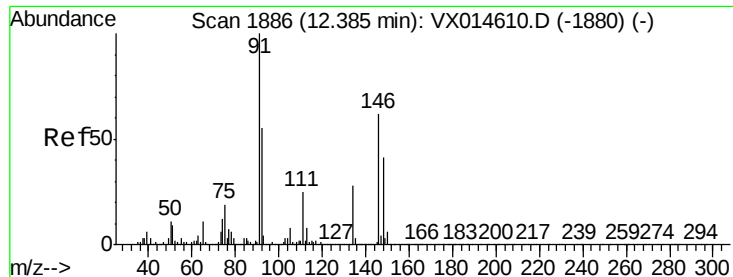
Tot Ion: 91 Resp: 347757
Ion Ratio Lower Upper
91 100
92 54.1 0.0 109.0
134 27.8 0.0 54.0



#86
Hexachloroethane
Concen: 20.763 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion: 117 Resp: 68303
Ion Ratio Lower Upper
117 100
201 92.1 44.8 134.3

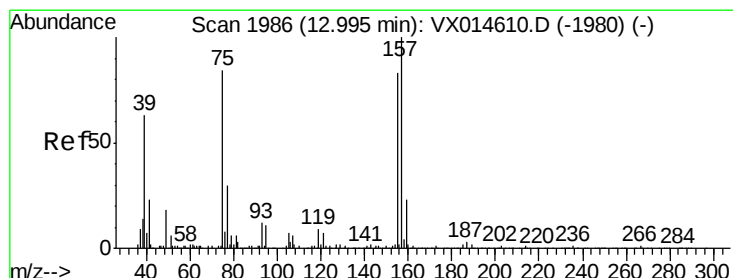
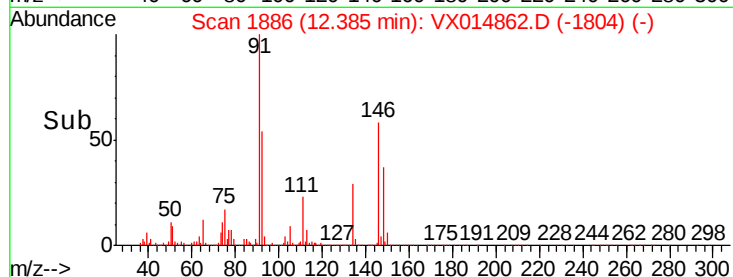
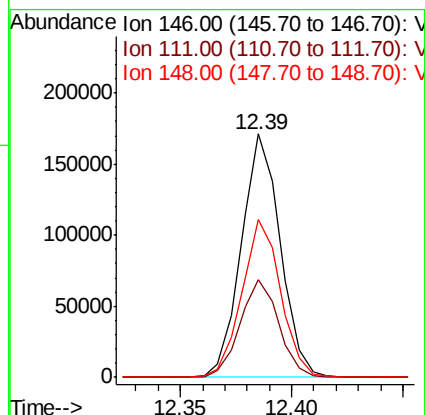
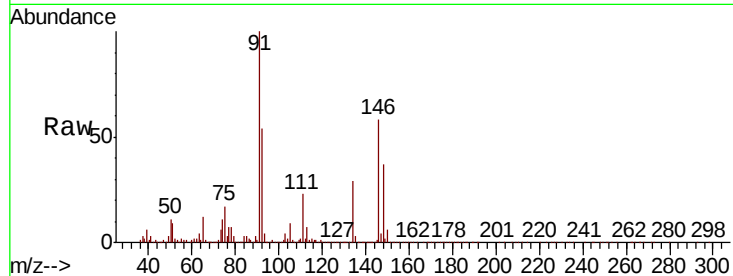




#87
 1,2-Dichlorobenzene
 Concen: 21.423 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

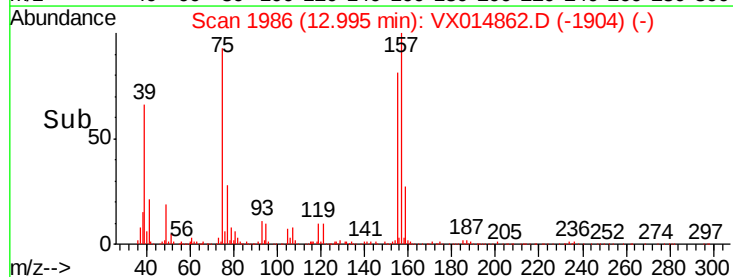
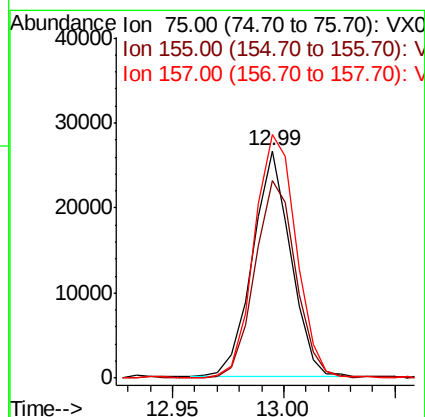
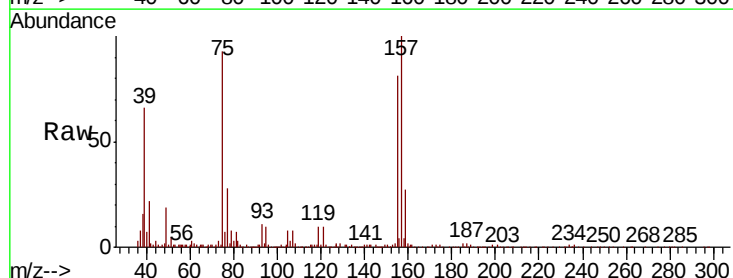
Instrument :
 MSVOA_X
 ClientSampleId :

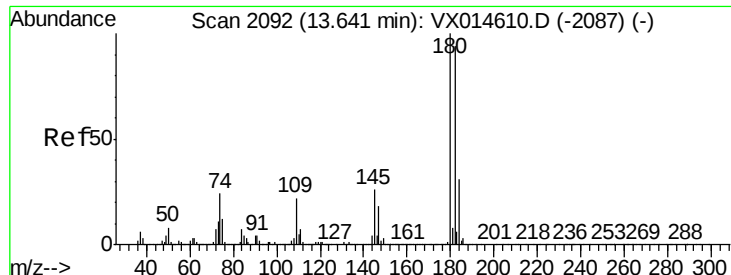
Tot Ion:146 Resp: 208391
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 64.7 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.189 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion: 75 Resp: 31757
 Ion Ratio Lower Upper
 75 100
 155 93.6 73.8 110.6
 157 117.8 95.0 142.4

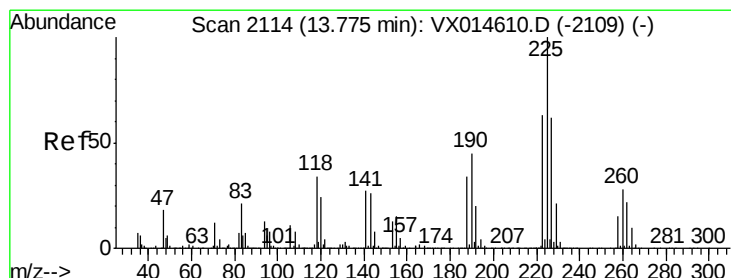
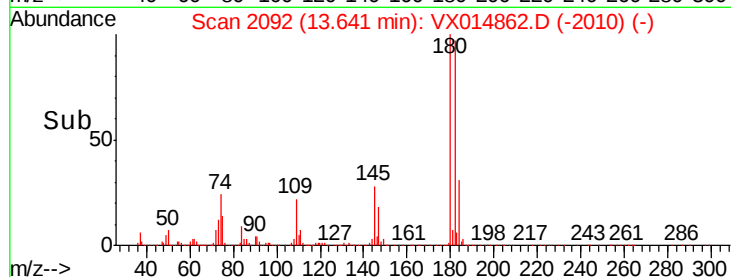
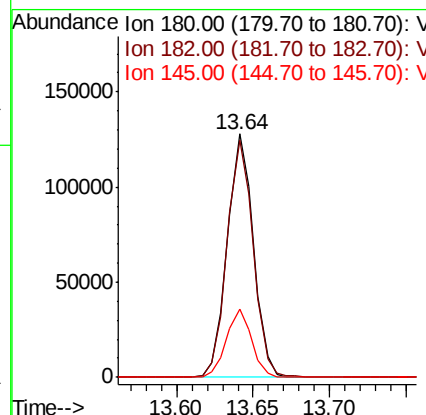
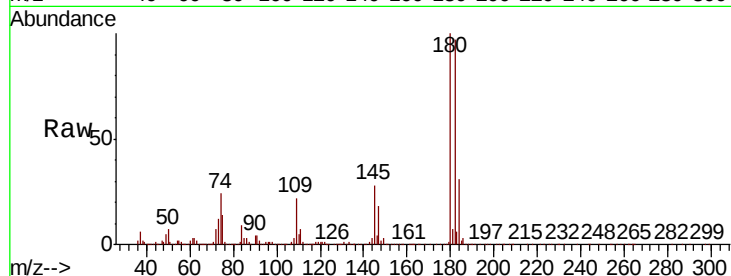




#89
 1,2,4-Trichlorobenzene
 Concen: 23.523 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

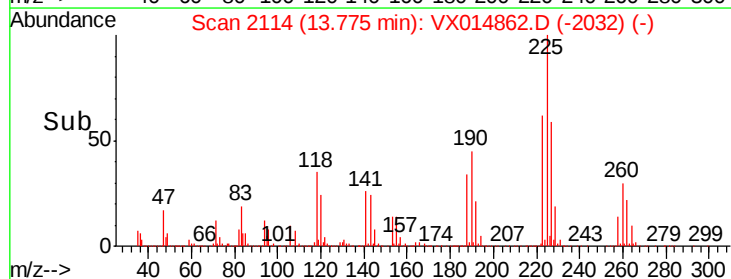
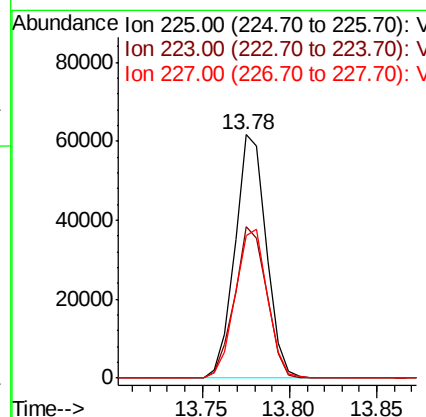
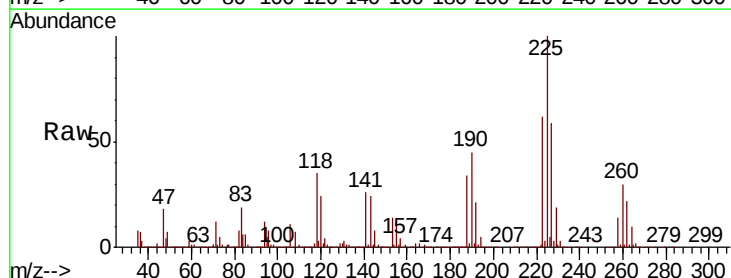
Instrument :
 MSVOA_X
 ClientSampleId :

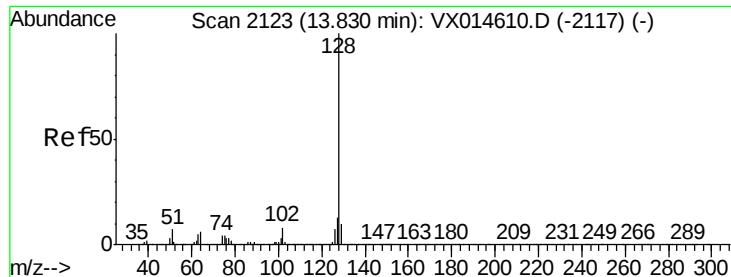
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
145	27.0	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 23.949 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014862.D
 Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	127.4
227	63.0	0.0	122.8

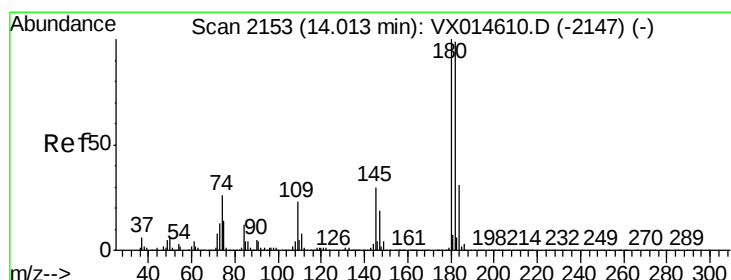
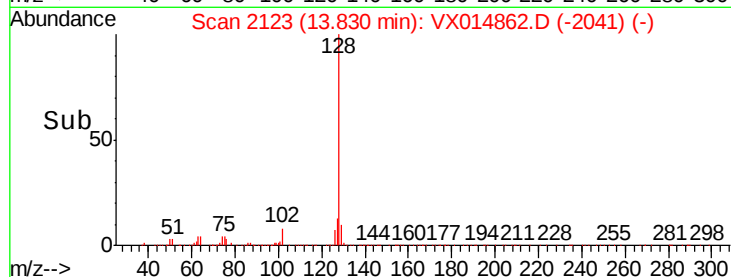
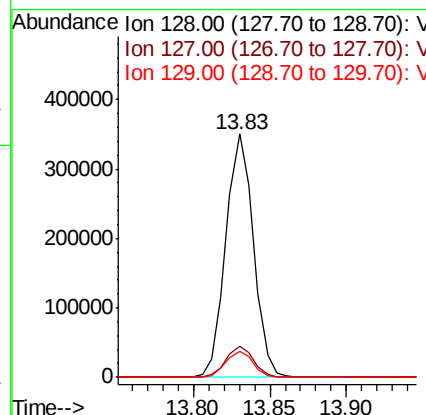
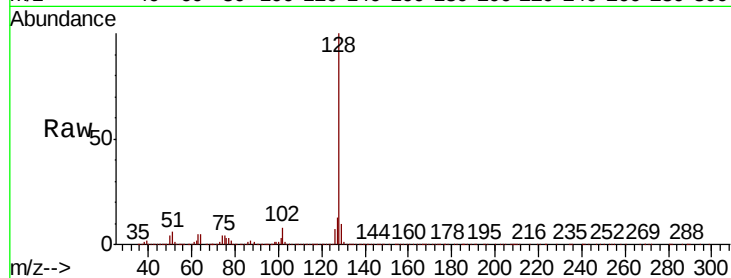




#91
Naphthalene
Concen: 22.614 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.8	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 23.231 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014862.D
Acq: 07 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	0.0	192.8
145	30.3	0.0	60.0

