

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014865.D
 Acq On : 07 Feb 2020 12:27
 Operator : JC/SP
 Sample : VX0207WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 22:10:20 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	71951	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	410939	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	367357	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	155524	30.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.50%
60) 4-Bromofluorobenzene	11.13	95	175864	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	490504	29.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	100712	20.254	ug/l 99
3) Chloromethane	1.32	50	98109	18.021	ug/l 95
4) Vinyl Chloride	1.40	62	114412	18.717	ug/l 99
5) Bromomethane	1.64	94	73807	19.349	ug/l 99
6) Chloroethane	1.72	64	63891	18.541	ug/l 99
7) Trichlorofluoromethane	1.93	101	143755	21.239	ug/l 97
8) Diethyl Ether	2.18	74	60772	20.556	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83412	21.064	ug/l 97
10) 1,1-Dichloroethene	2.37	96	78439	19.693	ug/l 97
11) Methyl Iodide	2.50	142	91384	17.108	ug/l 98
12) Methyl Acetate	2.76	43	143134	19.893	ug/l 98
13) Acrolein	2.28	56	48296	63.903	ug/l 99
14) Acrylonitrile	3.13	53	232936	94.612	ug/l 99
15) Acetone	2.43	58	63976	77.511	ug/l 87
16) Carbon Disulfide	2.56	76	199659	18.252	ug/l 97
17) Allyl chloride	2.72	41	135024	18.317	ug/l 91
18) Methylene Chloride	2.85	84	92362	19.813	ug/l 95
19) trans-1,2-Dichloroethene	3.15	96	86967	20.283	ug/l 98
20) Diisopropyl ether	3.84	45	284183	19.486	ug/l # 88
21) 1,1-Dichloroethane	3.69	63	154682	19.523	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	100638	20.425	ug/l 99
23) tert-Butyl Alcohol	3.02	59	102850	101.011	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	272583	20.564	ug/l 98
25) Chloroform	5.20	83	156687	20.415	ug/l 97
26) Cyclohexane	5.57	56	139507	19.089	ug/l 97
29) 1,1-Dichloropropene	5.79	75	114742	19.039	ug/l 98
30) 2-Butanone	4.65	43	327007	85.655	ug/l 99
31) 2,2-Dichloropropane	4.57	77	131532	20.397	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	134558	20.181	ug/l 98
33) Carbon Tetrachloride	5.78	117	117589	20.542	ug/l 98
34) Benzene	6.13	78	349800	18.783	ug/l 98
35) Methacrylonitrile	5.03	41	69889	18.330	ug/l 94
36) 1,2-Dichloroethane	6.18	62	129713	20.014	ug/l 98
37) Trichloroethene	7.20	130	100567	19.722	ug/l 98
38) Methylcyclohexane	7.46	83	147038	19.595	ug/l 99
39) 1,2-Dichloropropane	7.51	63	88906	18.359	ug/l 95
40) Dibromomethane	7.65	93	61395	19.727	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	119687	19.638	ug/l	98
42) Vinyl Acetate	3.80	43	1107681	94.135	ug/l	100
43) Ethyl Acetate	4.82	43	126998	18.376	ug/l	97
44) Isopropyl Acetate	6.43	43	207123	18.578	ug/l	100
45) 1,4-Dioxane	7.73	88	45060	404.044	ug/l	95
46) Methyl methacrylate	7.76	41	103645	18.904	ug/l	95
47) n-amyl Acetate	10.89	43	171969	18.409	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	133354	20.041	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	145555	19.414	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	91159	19.249	ug/l	98
51) Ethyl methacrylate	9.17	69	140758	19.089	ug/l	96
52) 1,3-Dichloropropane	9.36	76	154697	19.280	ug/l	99
53) Dibromochloromethane	9.57	129	97159	20.057	ug/l	100
54) 1,2-Dibromoethane	9.67	107	98301	20.014	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	300714	88.737	ug/l	98
56) Bromoform	10.85	173	75800	20.315	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	649691	93.914	ug/l	99
59) 2-Hexanone	9.48	43	500357	93.521	ug/l	99
61) Tetrachloroethene	9.33	164	106082	19.537	ug/l	97
62) Toluene	8.78	91	385406	19.774	ug/l	100
64) Chlorobenzene	10.14	112	248806	20.449	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	91989	20.471	ug/l	99
66) Ethyl Benzene	10.25	91	424914	20.016	ug/l	96
67) m/p-Xylenes	10.35	106	331139	40.723	ug/l	100
68) o-Xylene	10.70	106	157951	19.948	ug/l	100
69) Styrene	10.71	104	266523	19.866	ug/l	99
70) Isopropylbenzene	11.01	105	425683	20.521	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	134975	19.316	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	156368	26.161	ug/l	96
73) Bromobenzene	11.25	156	115967	21.089	ug/l	94
74) n-propylbenzene	11.35	91	483326	20.390	ug/l	98
75) 2-Chlorotoluene	11.42	91	288608	20.315	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	354971	20.536	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	44002	19.128	ug/l	92
78) 4-Chlorotoluene	11.51	91	331435	20.543	ug/l	97
79) tert-butylbenzene	11.76	119	342480	21.175	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	355975	20.648	ug/l	100
81) sec-Butylbenzene	11.94	105	416115	20.792	ug/l	98
82) p-Isopropyltoluene	12.06	119	385096	21.077	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	203500	21.194	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	202655	21.289	ug/l	100
85) n-Butylbenzene	12.38	91	329457	20.609	ug/l	99
86) Hexachloroethane	12.59	117	65576	20.015	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	199663	20.609	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29850	19.998	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	144462	22.591	ug/l	99
90) Hexachlorobutadiene	13.77	225	71006	22.222	ug/l	97
91) Naphthalene	13.83	128	417838	21.646	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	140620	21.604	ug/l	99

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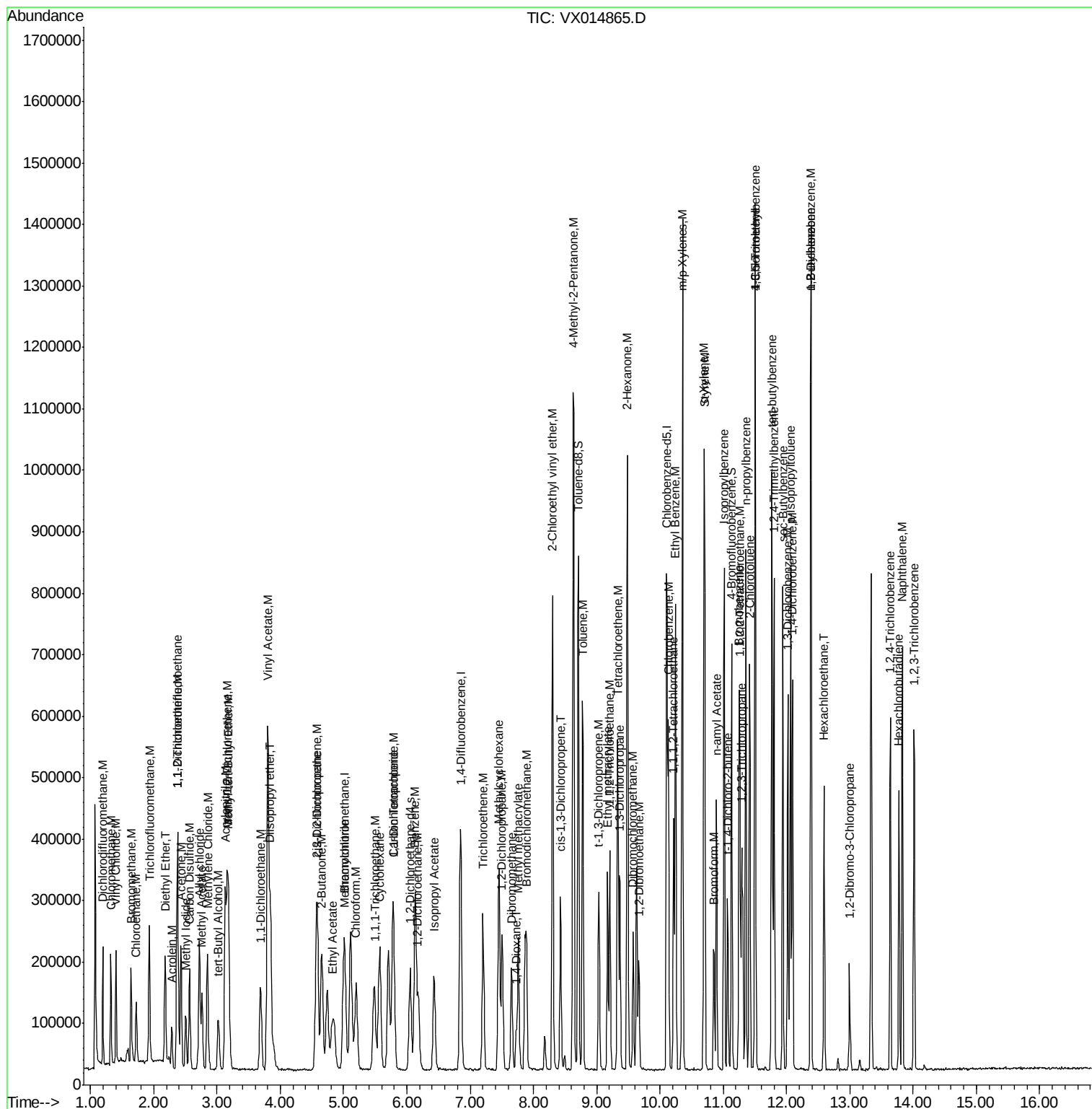
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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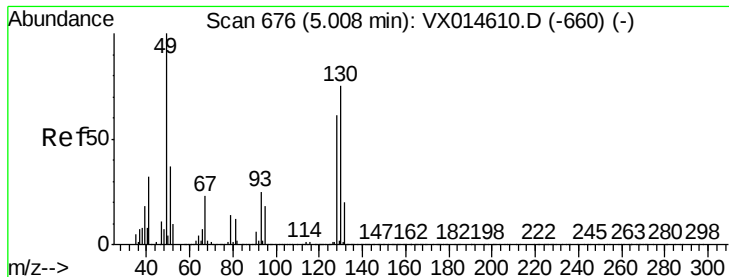
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX014865.D
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MSVOA_X
ClientSampleId :

Quant Time: Feb 07 22:10:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :

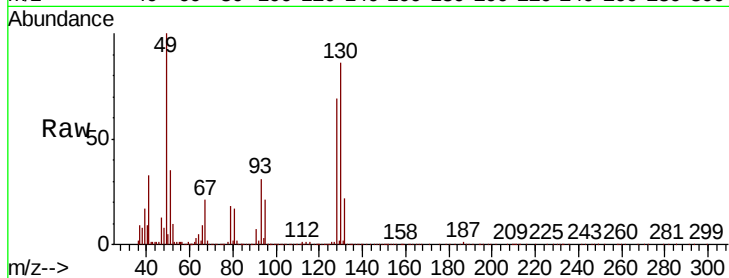
Tot Ion:128 Resp: 71951

Ion Ratio Lower Upper

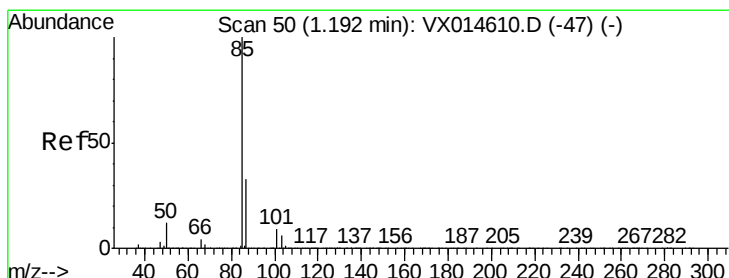
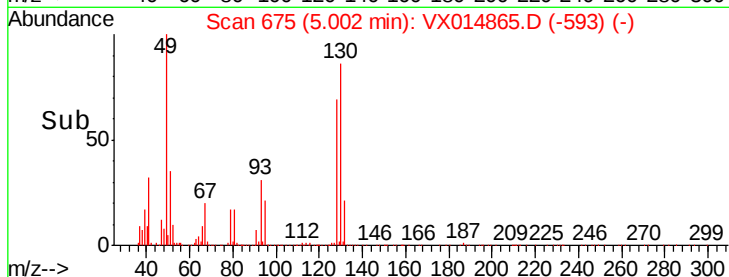
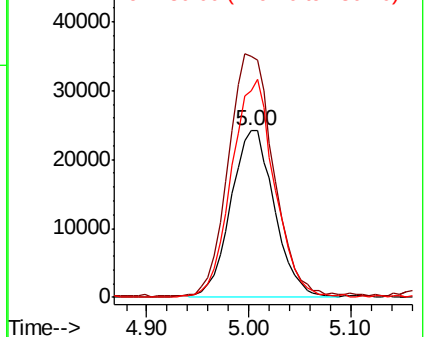
128 100

49 149.1 0.0 405.0

130 128.6 0.0 321.5



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



#2

Dichlorodifluoromethane

Concen: 20.254 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014865.D

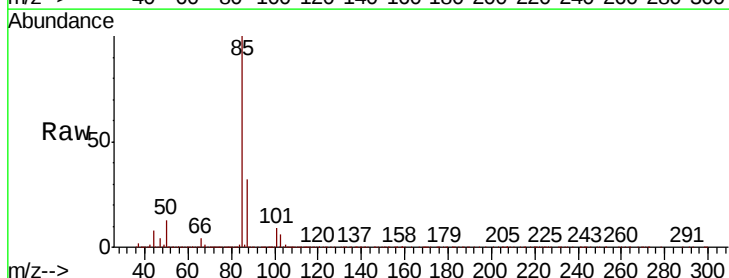
Acq: 07 Feb 2020 12:27

Tgt Ion: 85 Resp: 100712

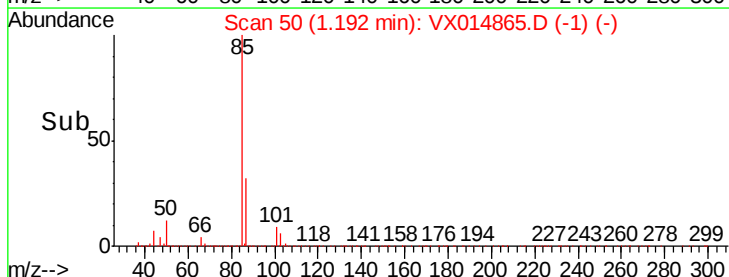
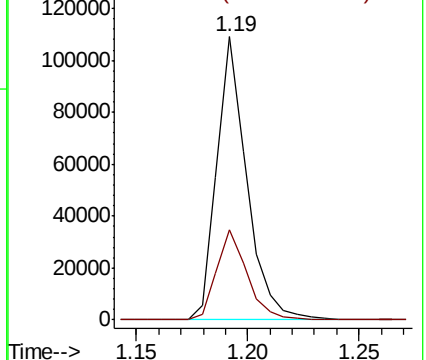
Ion Ratio Lower Upper

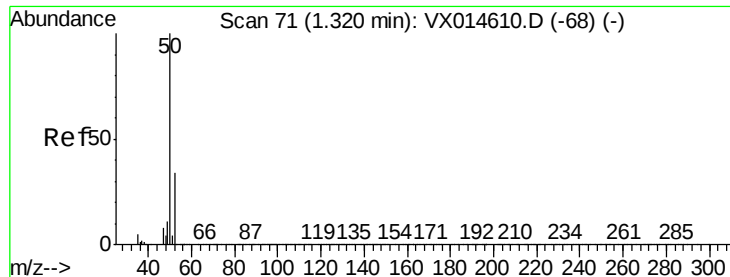
85 100

87 31.8 16.3 48.9



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

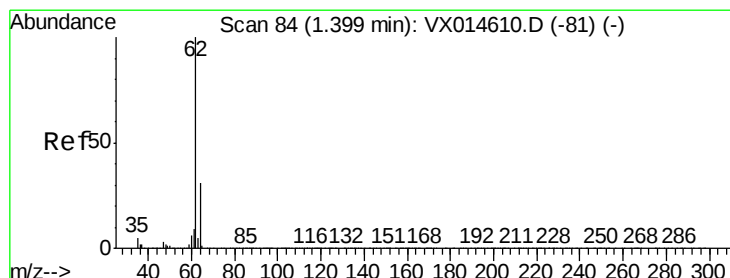
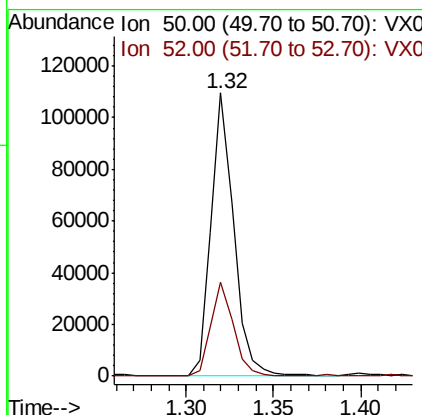
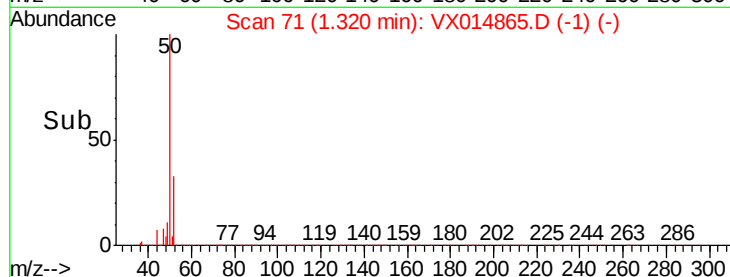
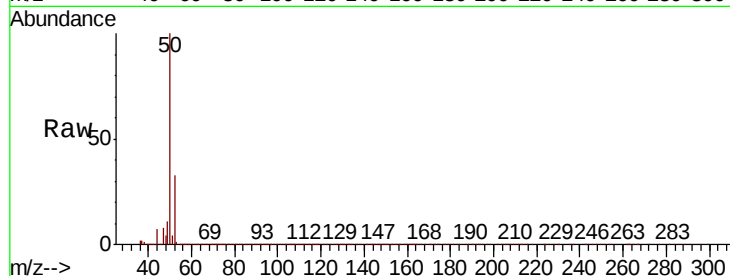




#3
Chloromethane
Concen: 18.021 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

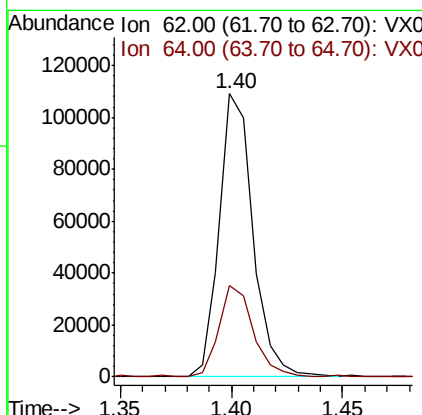
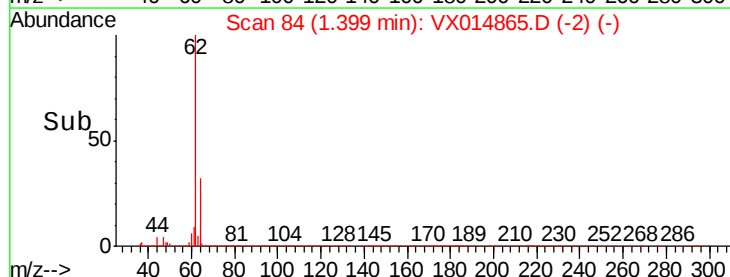
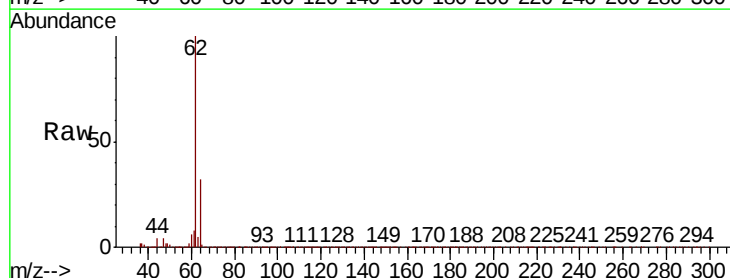
Instrument :
MSVOA_X
ClientSampleId :

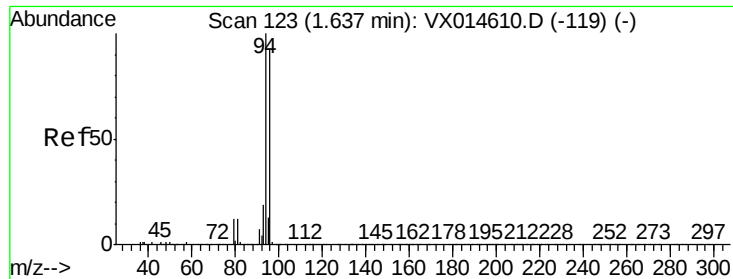
Tot Ion: 50 Resp: 98109
Ion Ratio Lower Upper
50 100
52 32.9 24.3 36.5



#4
Vinyl Chloride
Concen: 18.717 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 62 Resp: 114412
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5

Bromomethane

Concen: 19.349 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

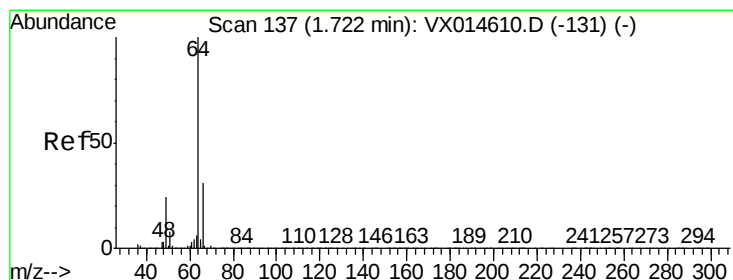
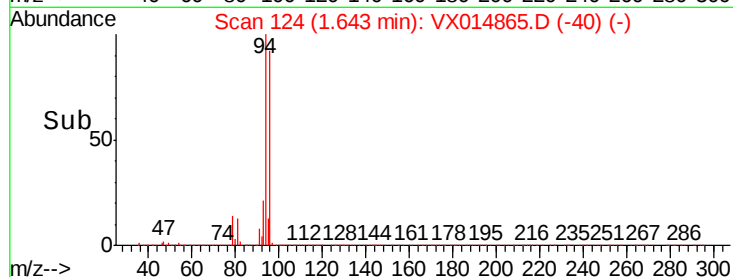
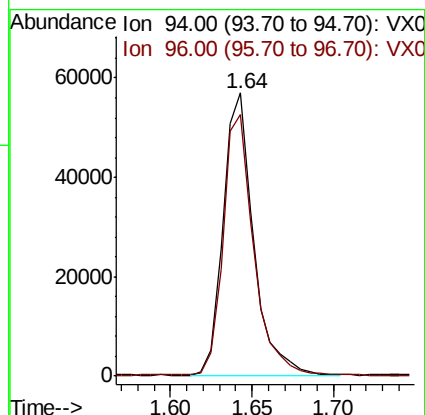
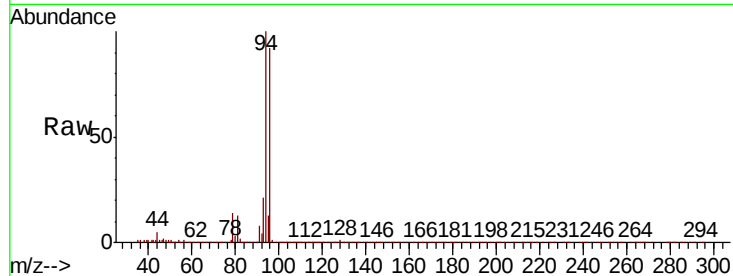
ClientSampleId :

Tot Ion: 94 Resp: 73807

Ion Ratio Lower Upper

94 100

96 91.9 74.4 111.6



#6

Chloroethane

Concen: 18.541 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014865.D

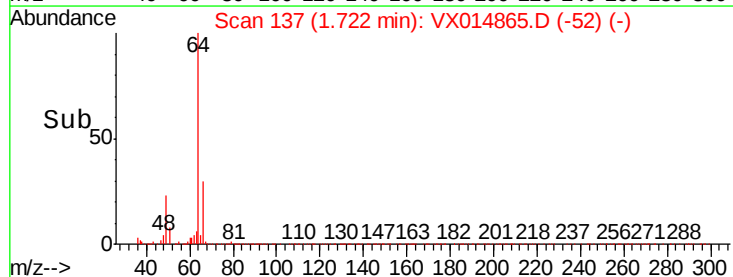
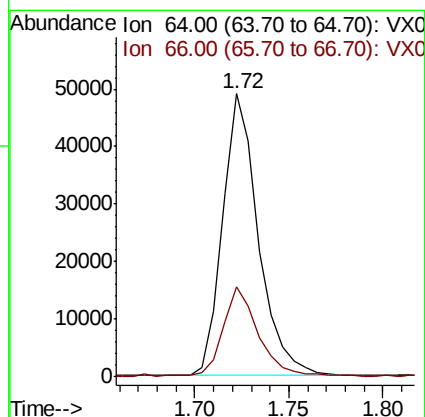
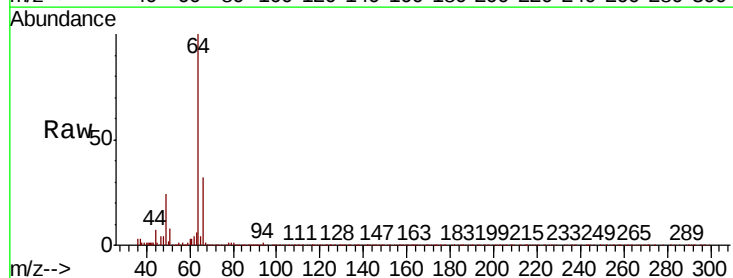
Acq: 07 Feb 2020 12:27

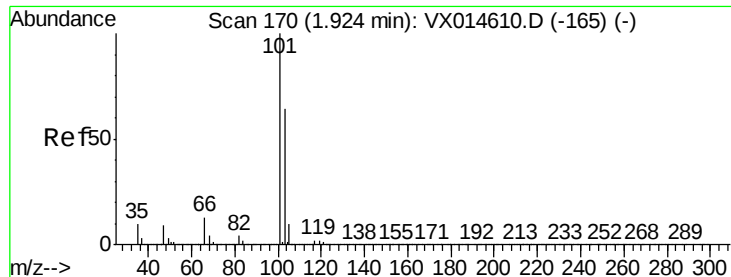
Tgt Ion: 64 Resp: 63891

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



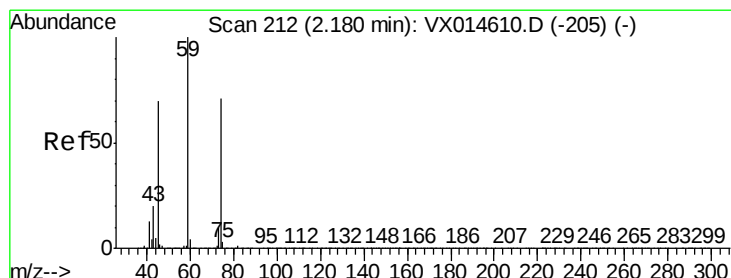
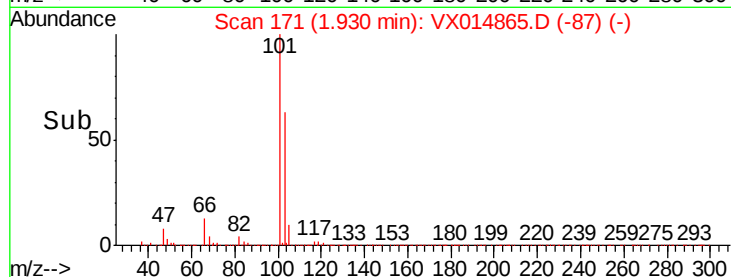
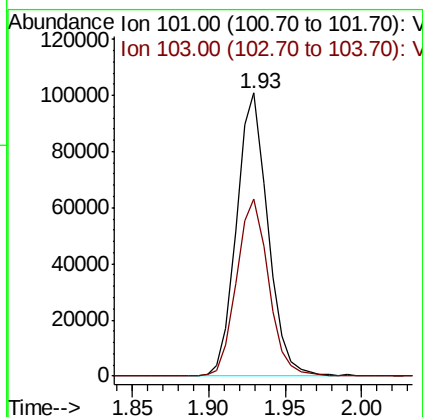
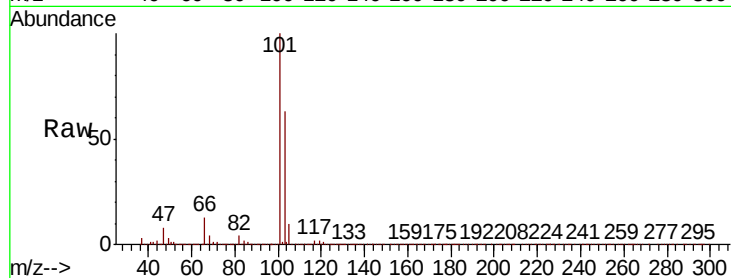


#7

Trichlorofluoromethane
Concen: 21.239 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :

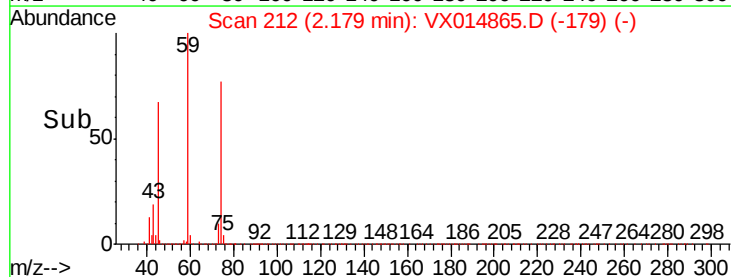
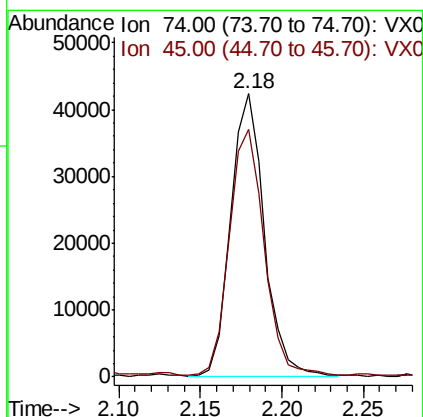
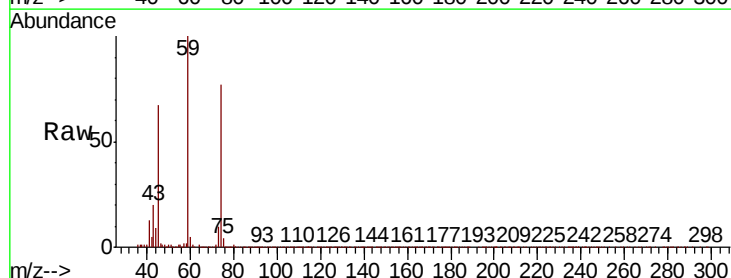
Tot Ion:101 Resp: 143755
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4

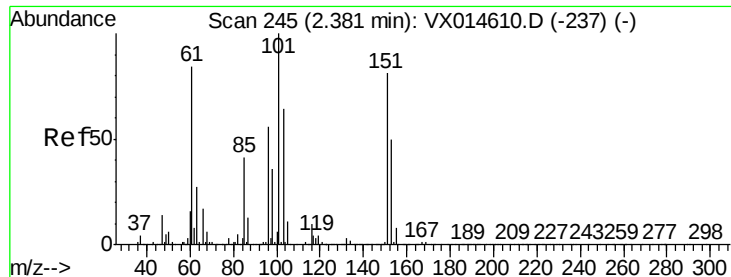


#8

Diethyl Ether
Concen: 20.556 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 74 Resp: 60772
Ion Ratio Lower Upper
74 100
45 89.6 20.6 185.0

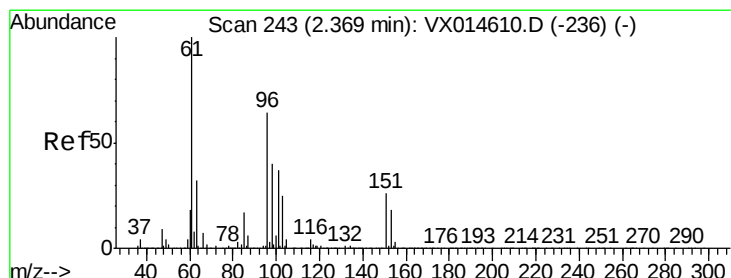
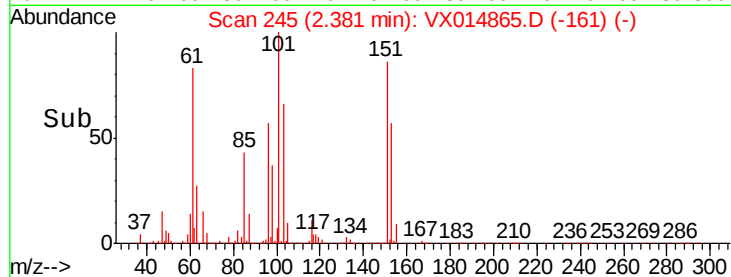
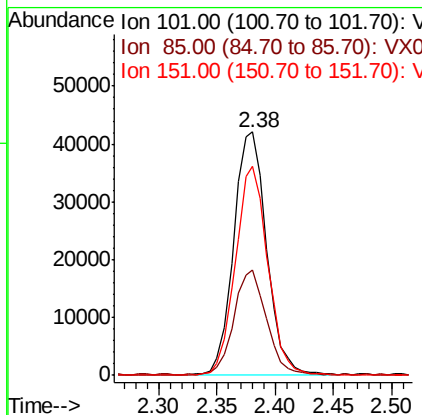
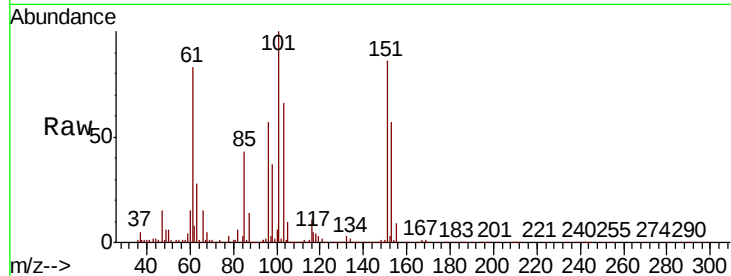




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.064 ug/l
 RT: 2.38 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

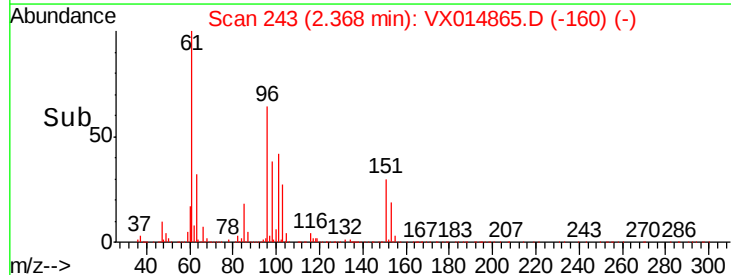
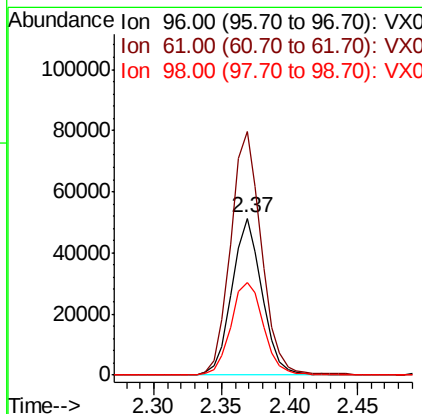
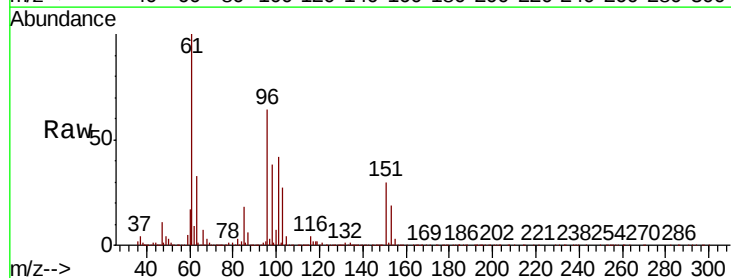
Instrument :
 MSVOA_X
 ClientSampled :

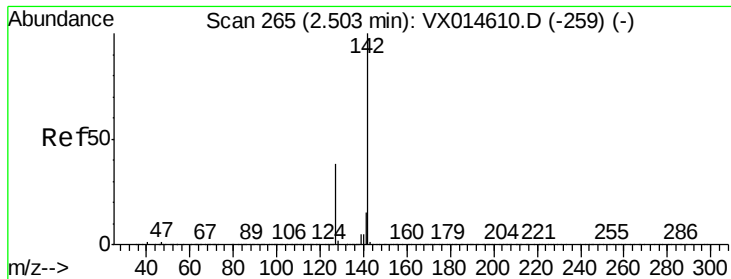
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	0.0	85.6
151	84.2	0.0	159.4



#10
 1,1-Dichloroethene
 Concen: 19.693 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	123.0	184.6
98	58.8	51.4	77.0

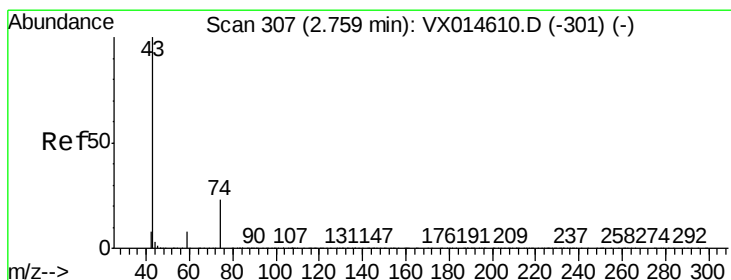
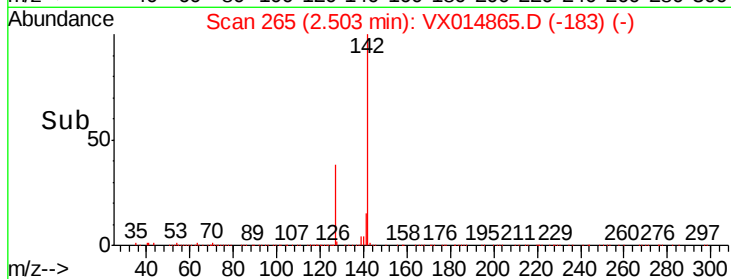
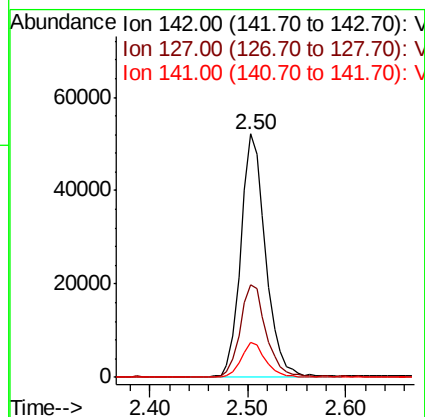
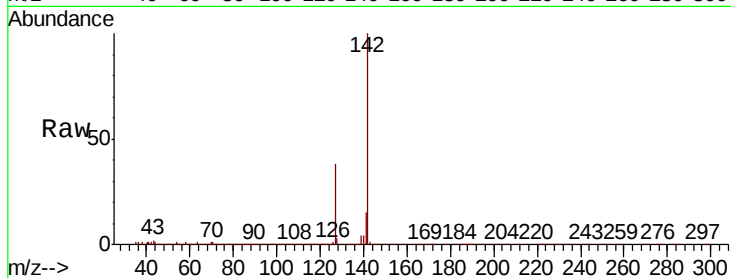




#11
Methvl Iodide
Concen: 17.108 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

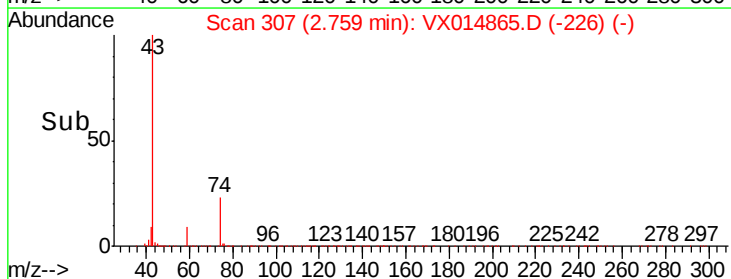
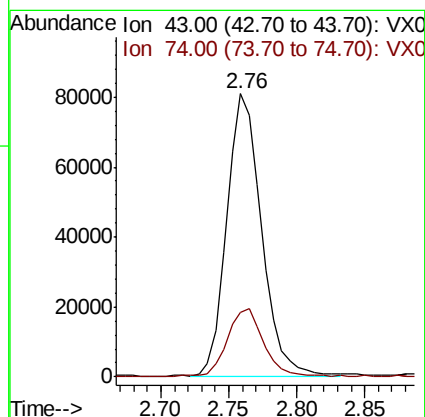
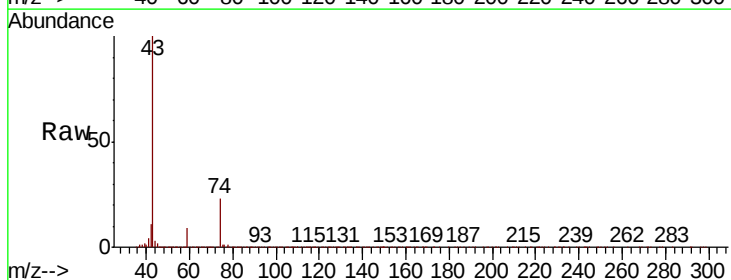
Instrument :
MSVOA_X
ClientSampleId :

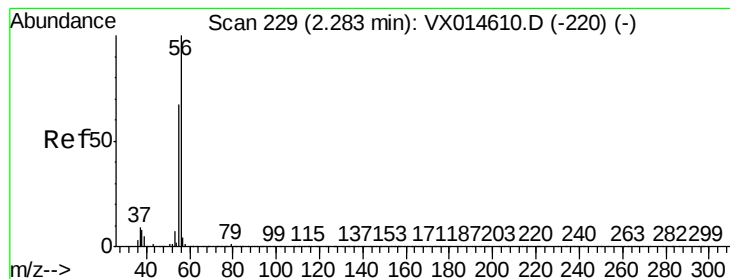
Tot Ion:142 Resp: 91384
Ion Ratio Lower Upper
142 100
127 37.6 19.5 58.5
141 14.4 7.0 20.9



#12
Methyl Acetate
Concen: 19.893 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 43 Resp: 143134
Ion Ratio Lower Upper
43 100
74 22.3 18.5 27.7





#13

Acrolein

Concen: 63.903 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

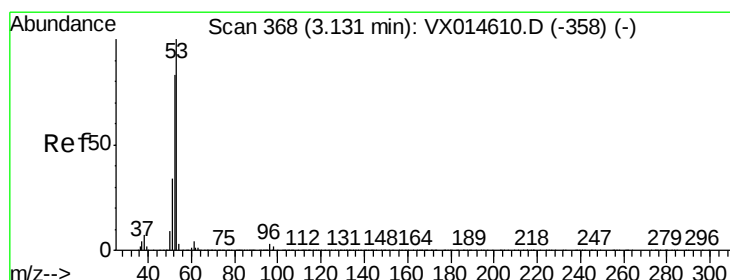
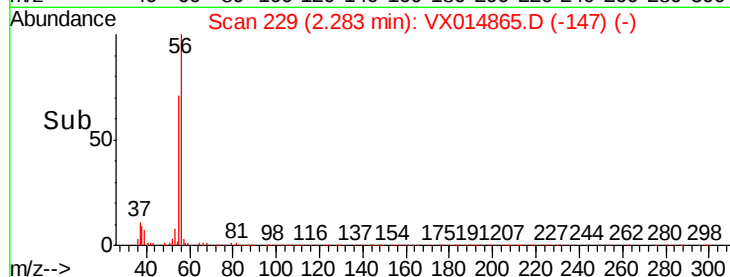
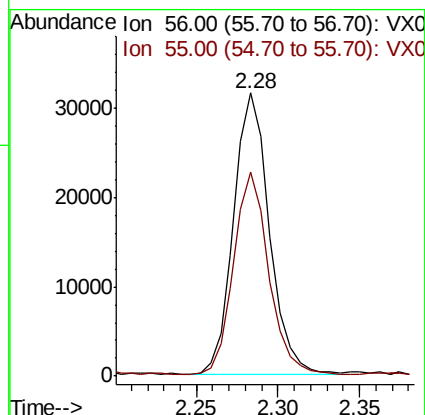
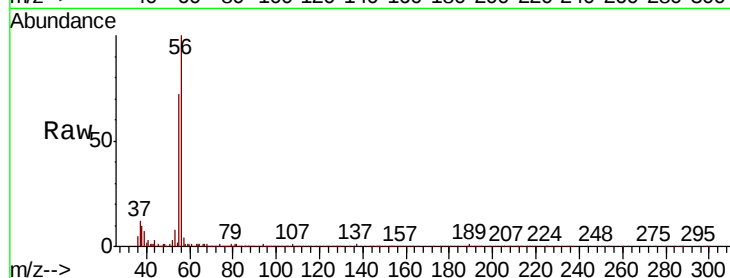
ClientSampleId :

Tot Ion: 56 Resp: 48296

Ion Ratio Lower Upper

56 100

55 69.8 54.9 82.3



#14

Acrylonitrile

Concen: 94.612 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

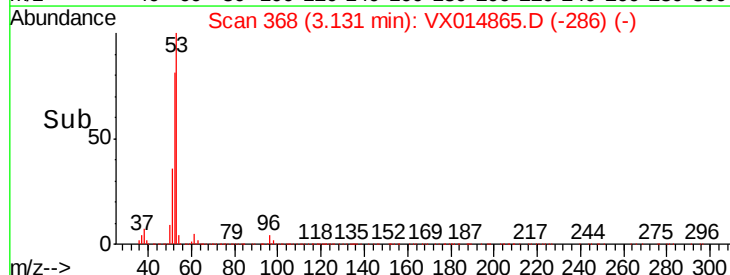
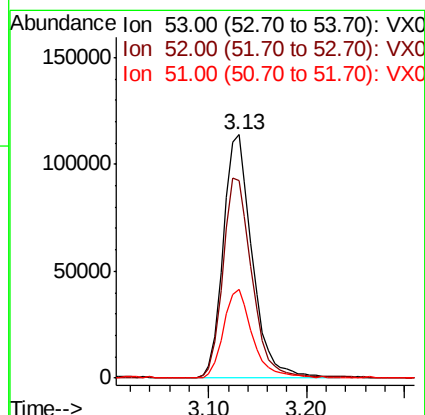
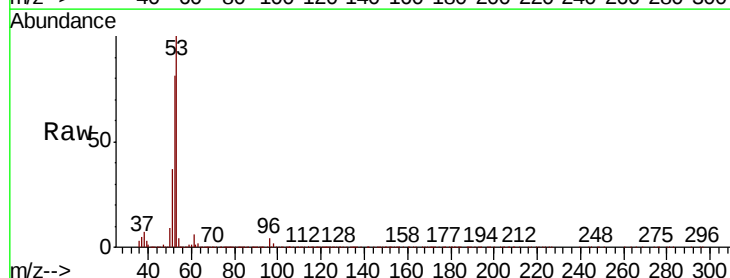
Tgt Ion: 53 Resp: 232936

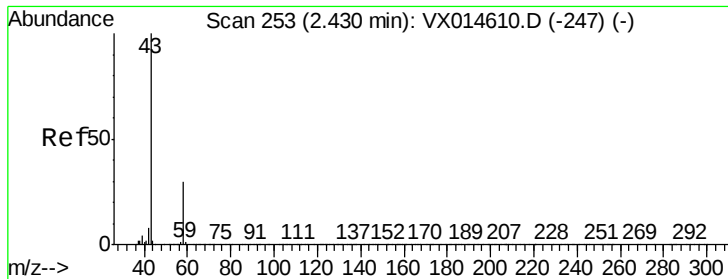
Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

51 36.1 17.8 53.5





#15

Acetone

Concen: 77.511 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

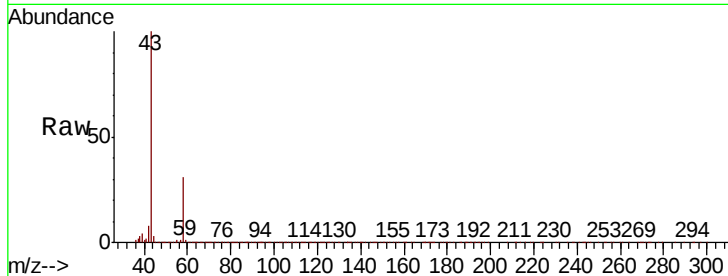
ClientSampleId :

Tot Ion: 58 Resp: 63976

Ion Ratio Lower Upper

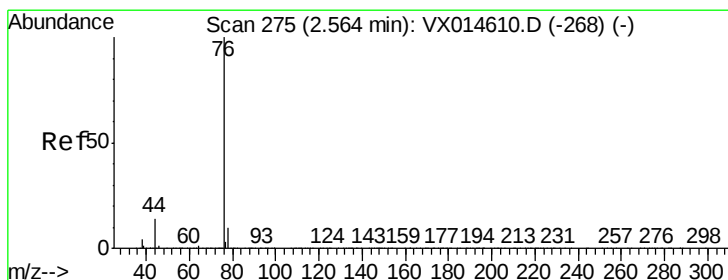
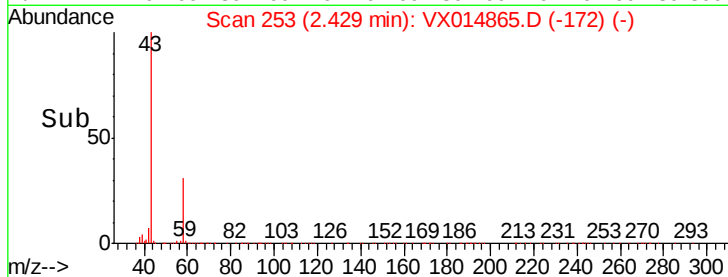
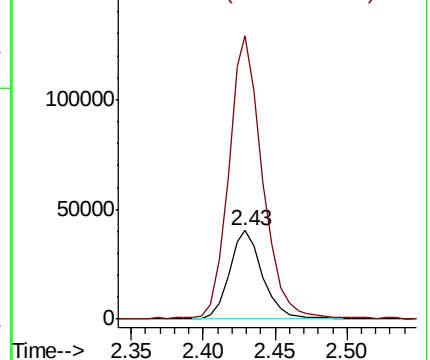
58 100

43 320.0 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.252 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014865.D

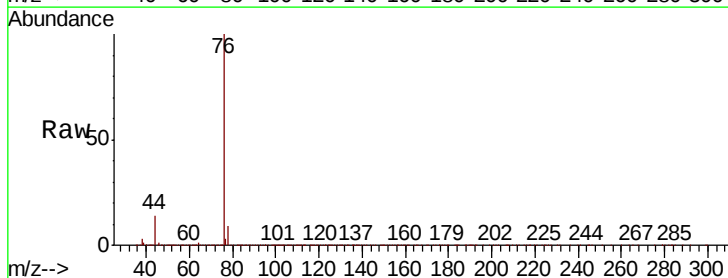
Acq: 07 Feb 2020 12:27

Tgt Ion: 76 Resp: 199659

Ion Ratio Lower Upper

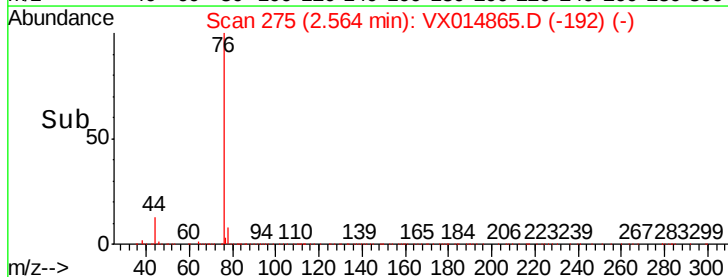
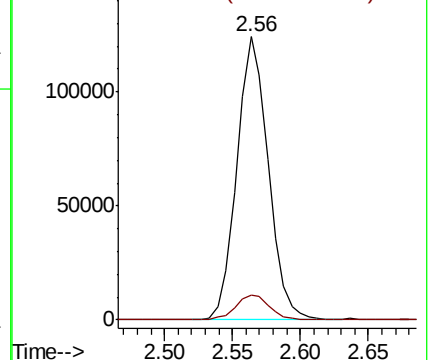
76 100

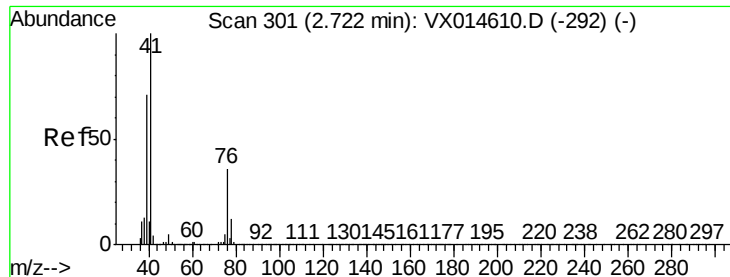
78 8.6 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

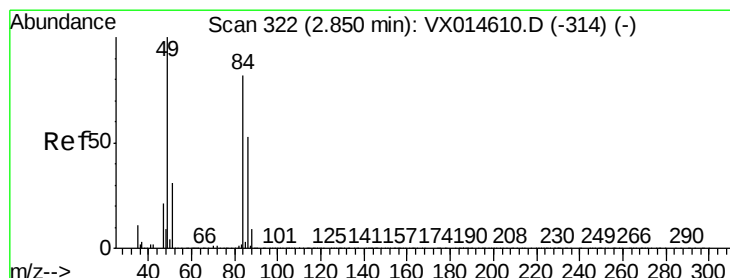
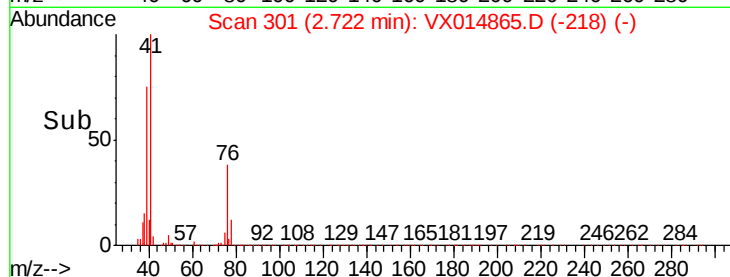
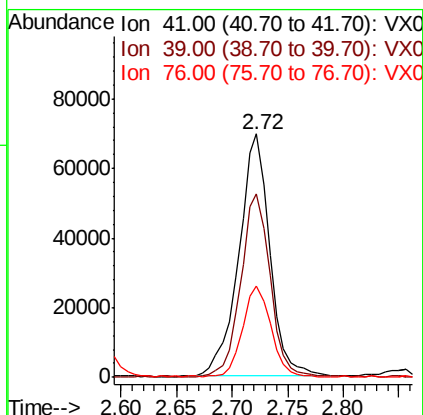
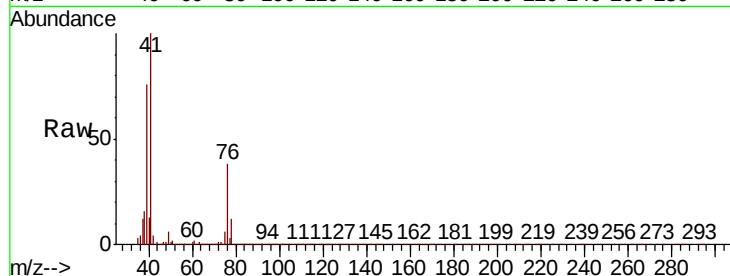




#17
Allvl chloride
Concen: 18.317 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

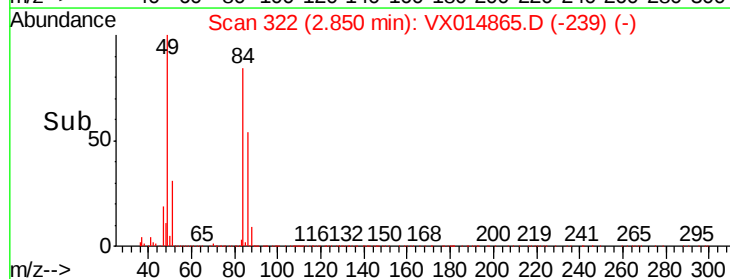
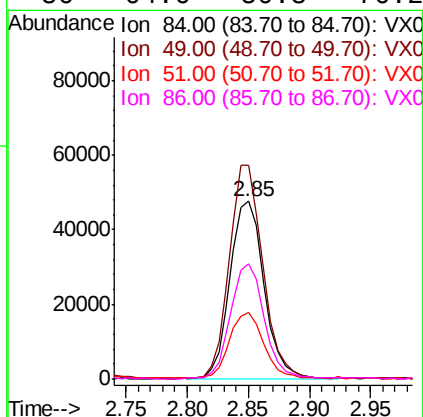
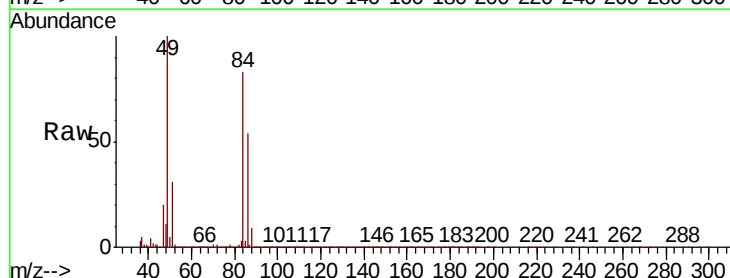
Instrument :
MSVOA_X
ClientSampleId :

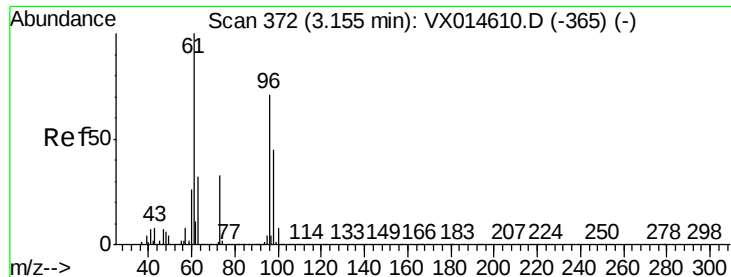
Tot Ion: 41 Resp: 135024
Ion Ratio Lower Upper
41 100
39 75.5 33.4 100.2
76 37.6 17.0 50.9



#18
Methylene Chloride
Concen: 19.813 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 84 Resp: 92362
Ion Ratio Lower Upper
84 100
49 119.9 102.2 153.2
51 36.9 31.4 47.0
86 64.6 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 3.15 min Scan# 372

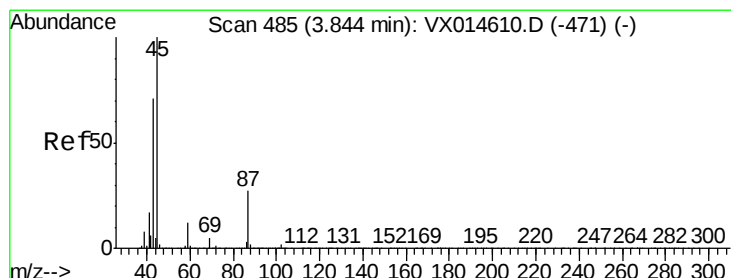
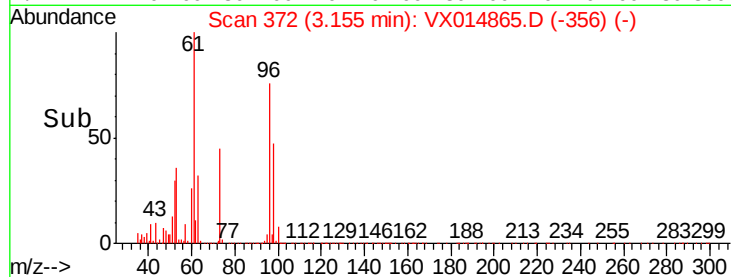
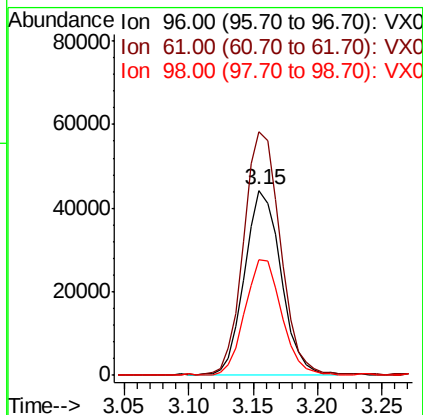
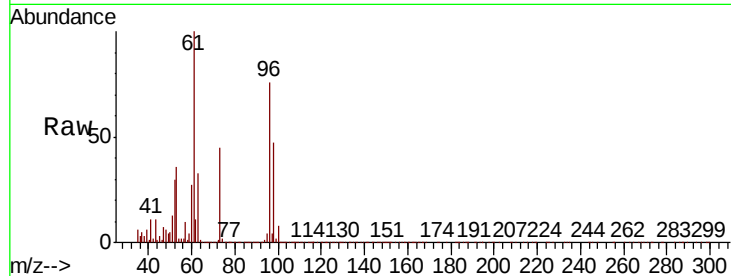
Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	86967
Ion	Ratio	Lower	Upper
96	100		
61	131.1	106.6	159.8
98	62.0	51.6	77.4



#20

Diisopropyl ether

Concen: 19.486 ug/l

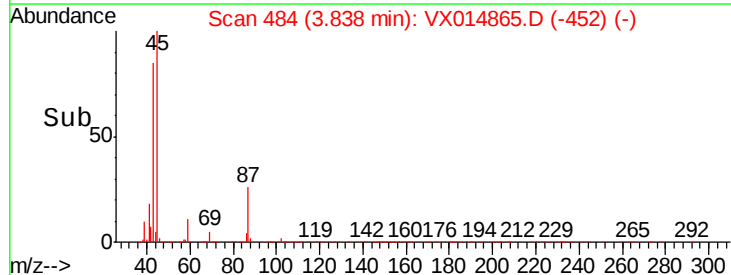
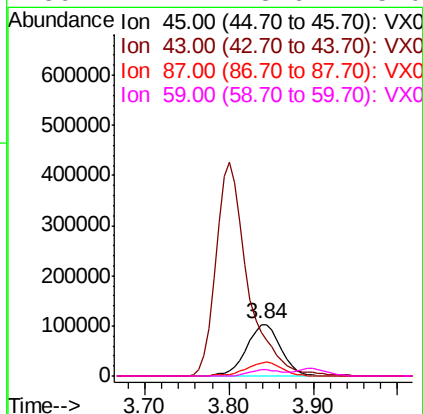
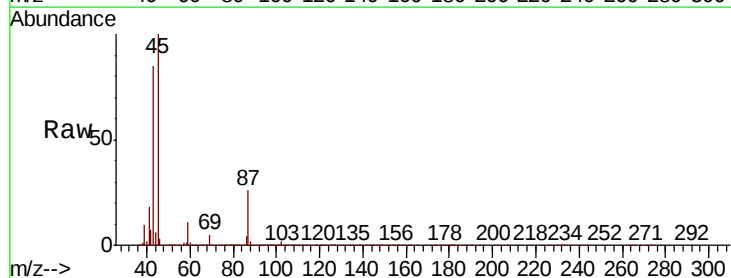
RT: 3.84 min Scan# 484

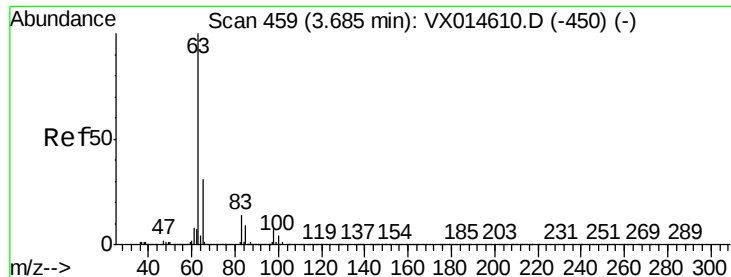
Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Tgt Ion:	45	Resp:	284183
Ion	Ratio	Lower	Upper
45	100		
43	83.9	55.9	83.9#
87	26.2	22.2	33.2
59	11.4	8.6	13.0





#21

1,1-Dichloroethane

Concen: 19.523 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

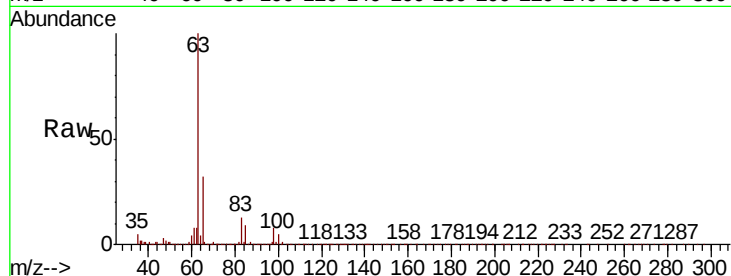
Tot Ion: 63 Resp: 154682

Ion Ratio Lower Upper

63 100

98 8.3 3.4 10.1

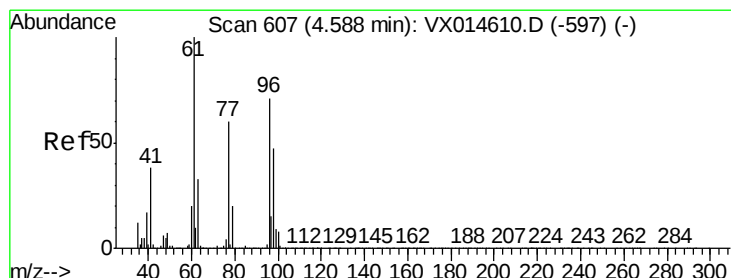
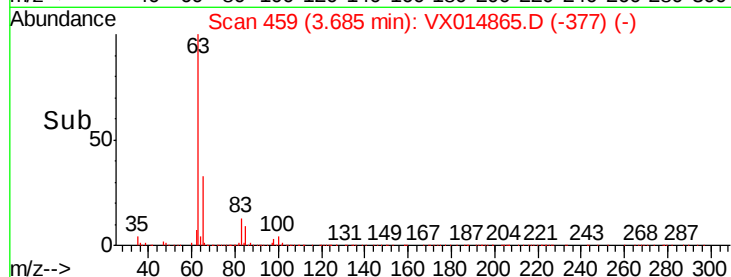
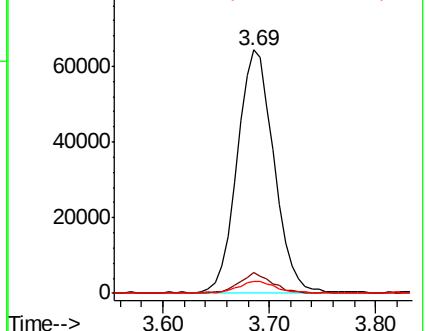
100 4.8 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.425 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

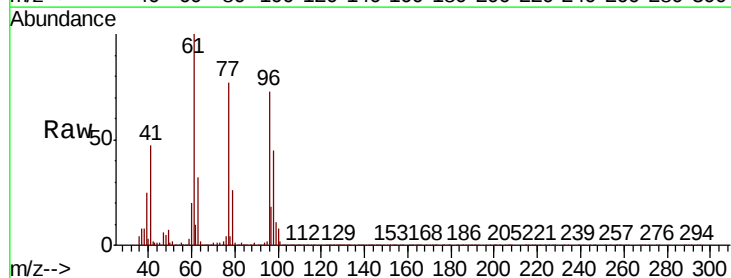
Tgt Ion: 96 Resp: 100638

Ion Ratio Lower Upper

96 100

61 140.5 112.4 168.6

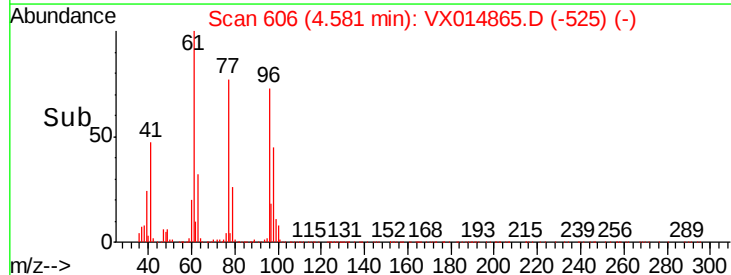
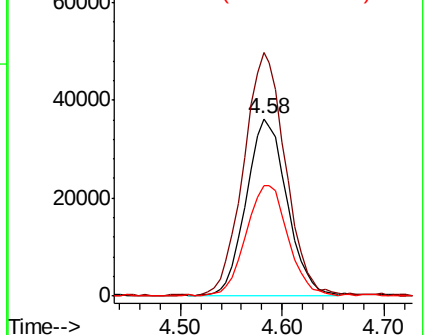
98 64.3 50.3 75.5

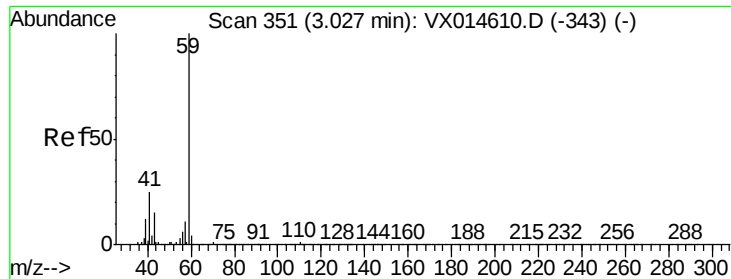


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



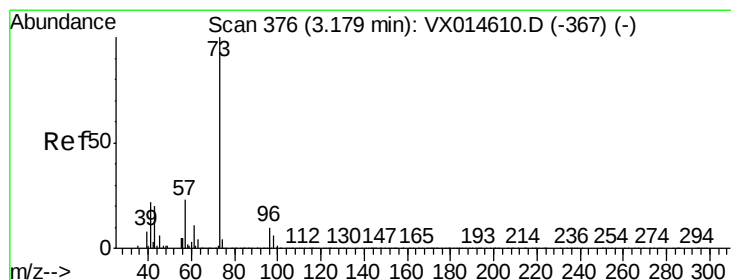
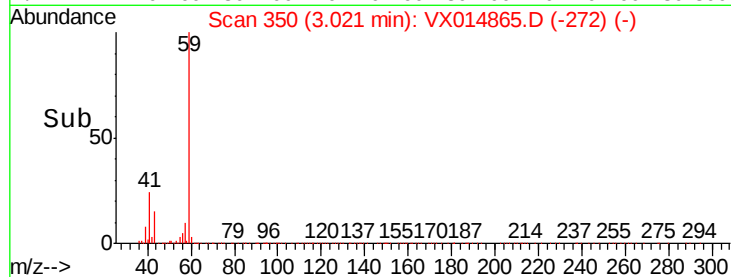
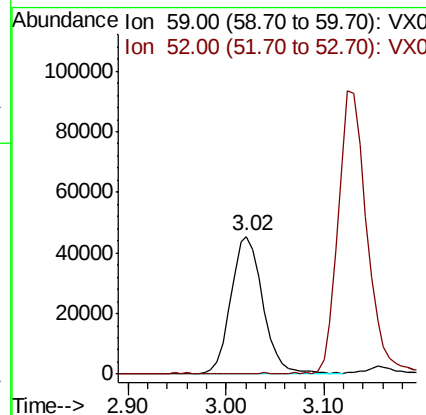
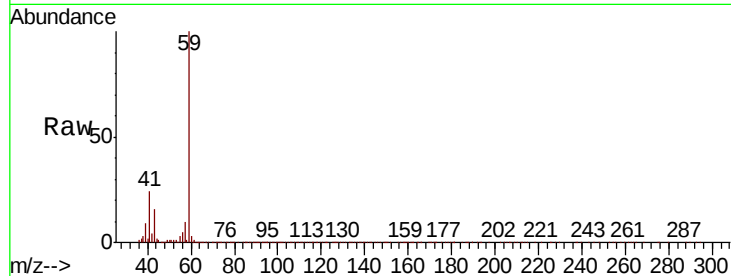


#23

tert-Butyl Alcohol
 Concen: 101.011 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :

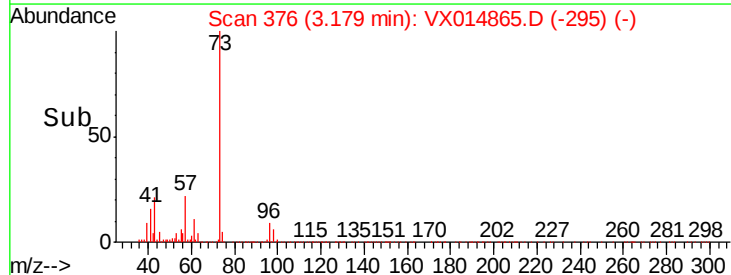
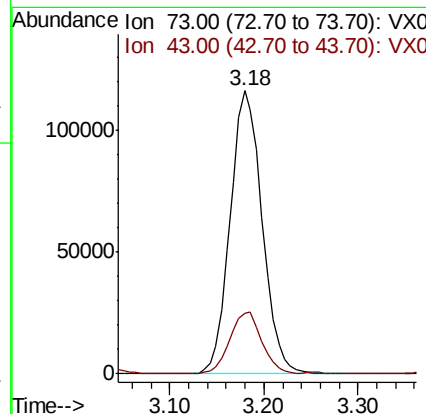
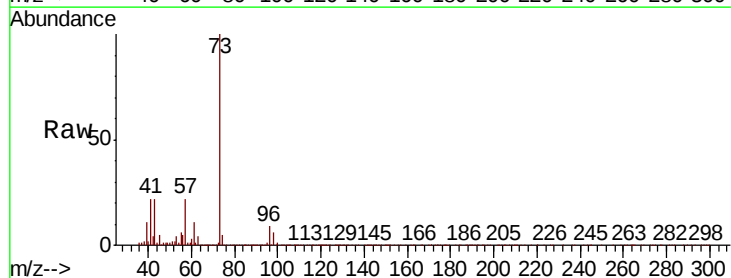
Tot Ion: 59 Resp: 102850
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

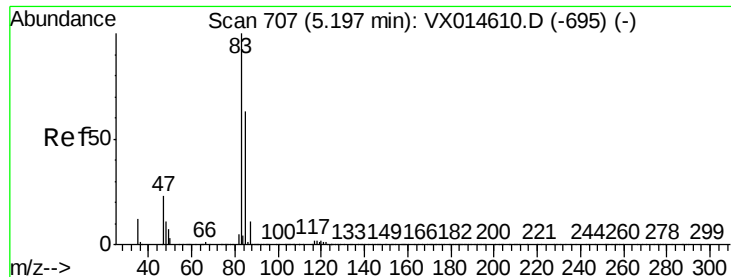


#24

Methyl tert-Butyl Ether
 Concen: 20.564 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion: 73 Resp: 272583
 Ion Ratio Lower Upper
 73 100
 43 21.8 16.6 25.0

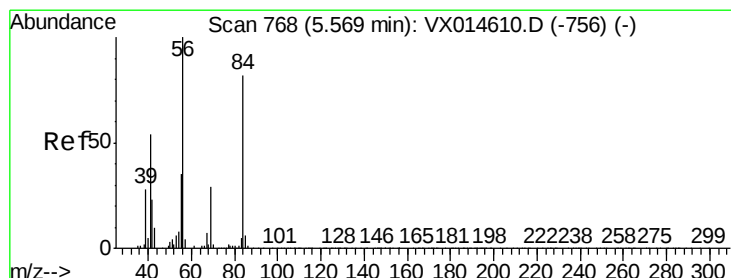
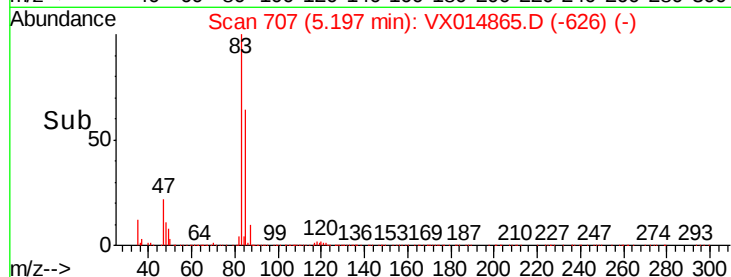
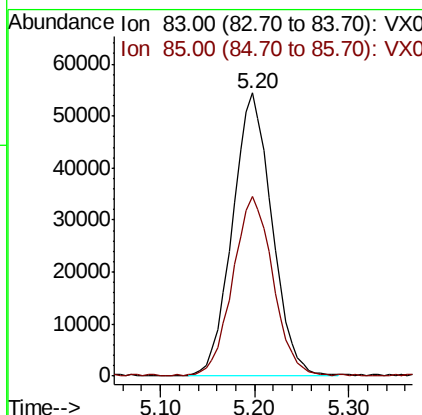
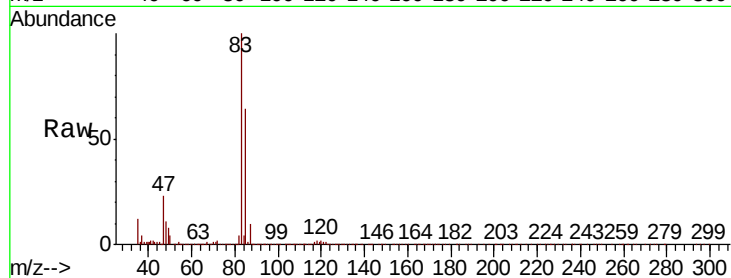




#25
Chloroform
Concen: 20.415 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

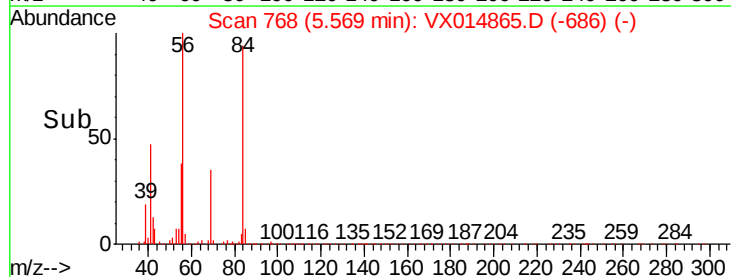
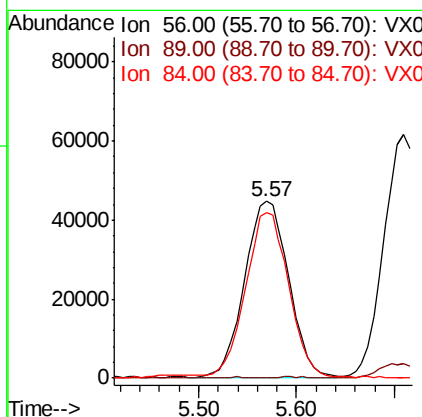
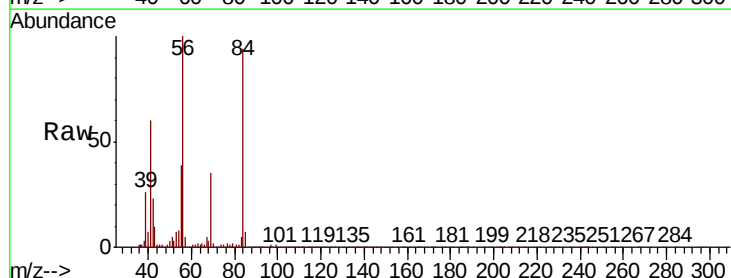
Instrument :
MSVOA_X
ClientSampleId :

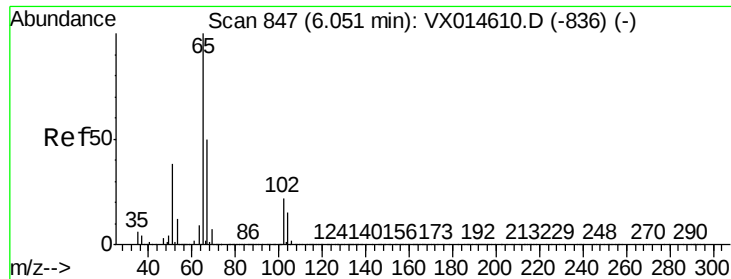
Tot Ion: 83 Resp: 156687
Ion Ratio Lower Upper
83 100
85 63.3 52.7 79.1



#26
Cyclohexane
Concen: 19.089 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 56 Resp: 139507
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 91.3 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.752 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

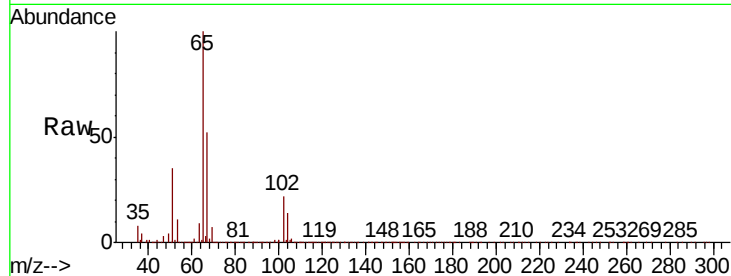
ClientSampleId :

Tot Ion: 65 Resp: 155524

Ion Ratio Lower Upper

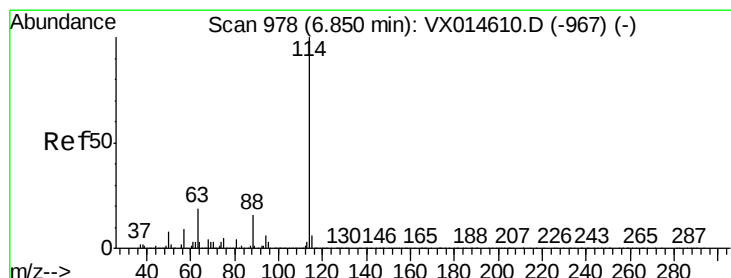
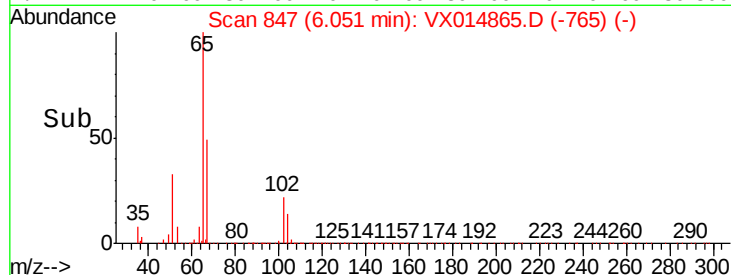
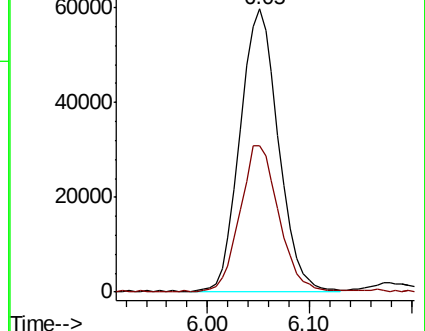
65 100

67 52.2 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

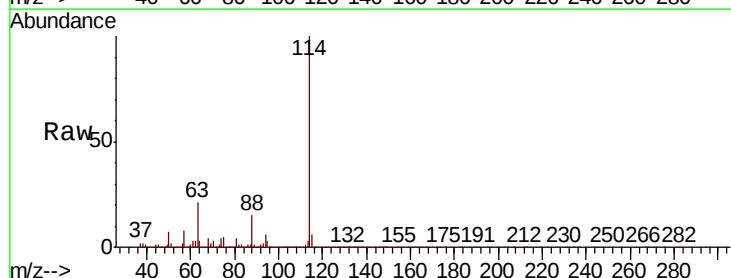
Tgt Ion: 114 Resp: 410939

Ion Ratio Lower Upper

114 100

63 19.5 16.1 24.1

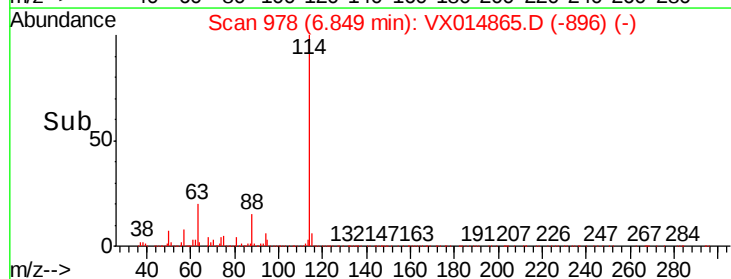
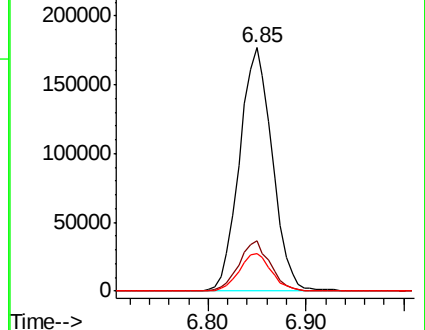
88 15.2 12.5 18.7

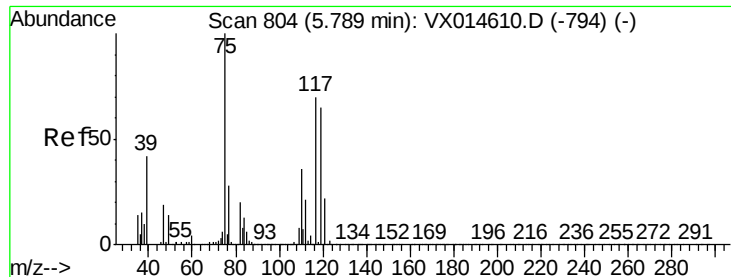


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

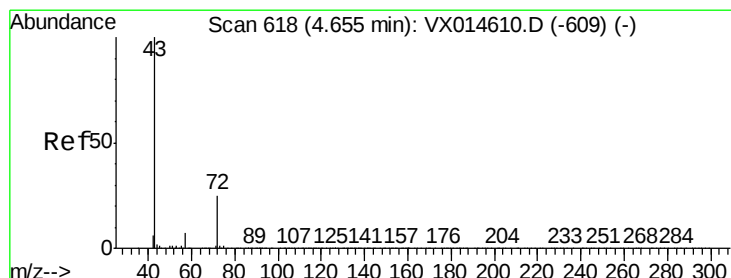
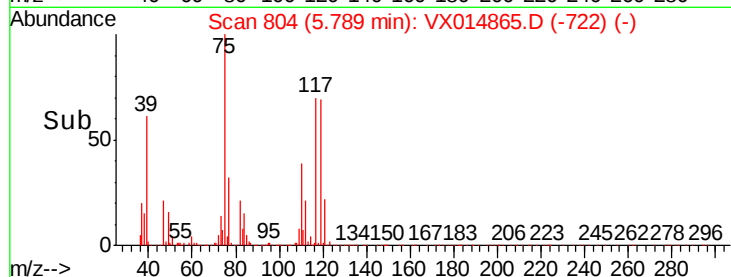
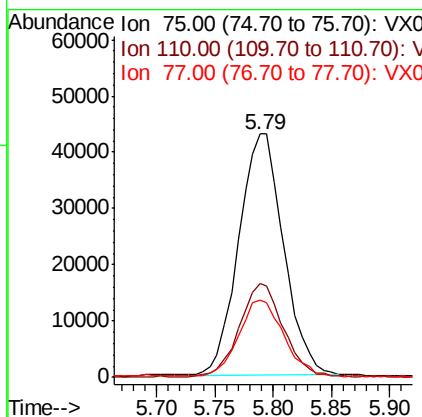
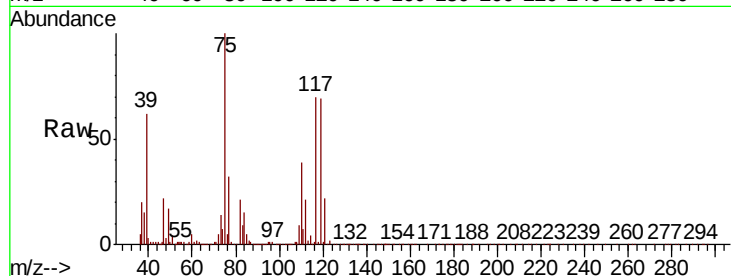




#29
 1,1-Dichloropropene
 Concen: 19.039 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

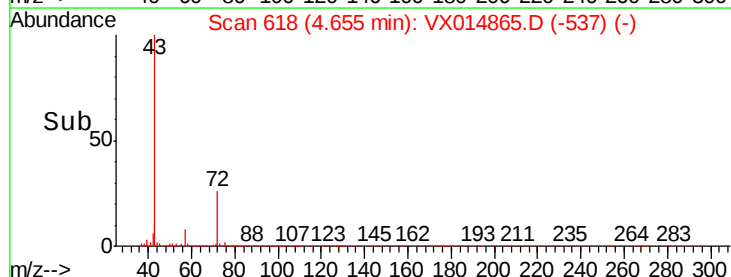
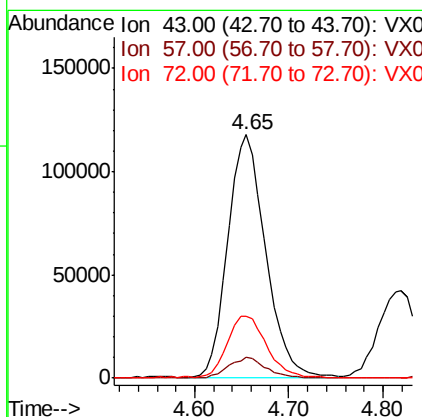
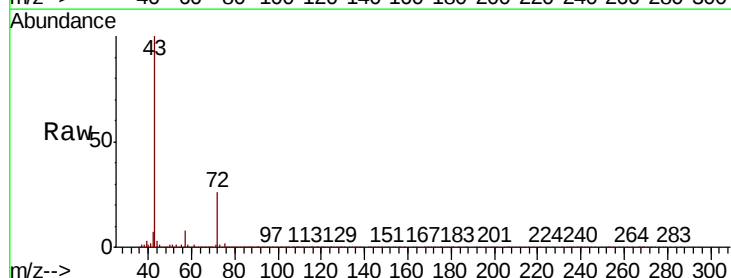
Instrument :
 MSVOA_X
 ClientSampled :

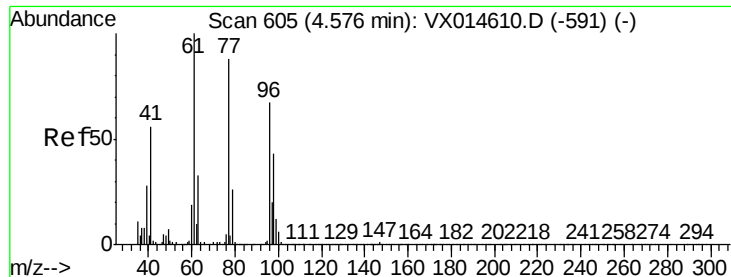
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.5	0.0	73.8
77	32.2	0.0	62.4



#30
 2-Butanone
 Concen: 85.655 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.2
72	25.7	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.397 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

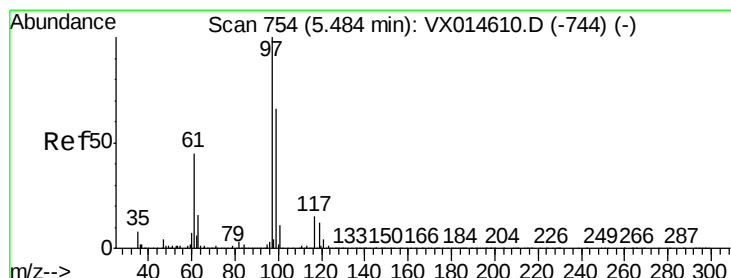
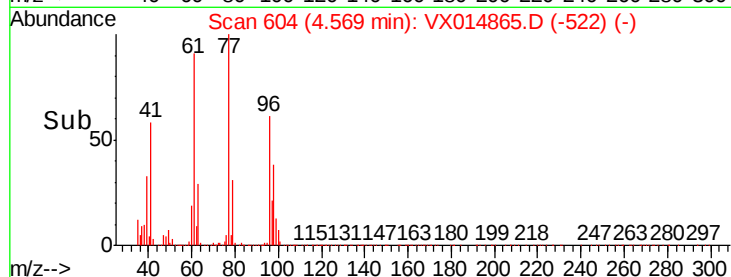
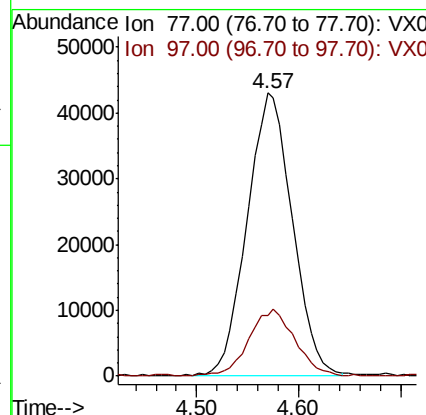
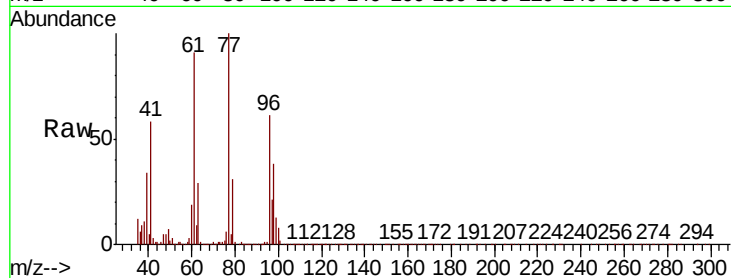
ClientSampleId :

Tot Ion: 77 Resp: 131532

Ion Ratio Lower Upper

77 100

97 23.6 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 20.181 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

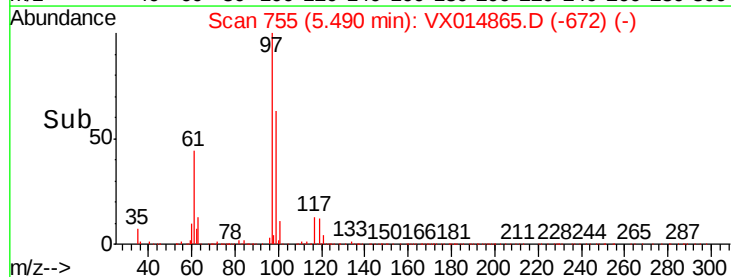
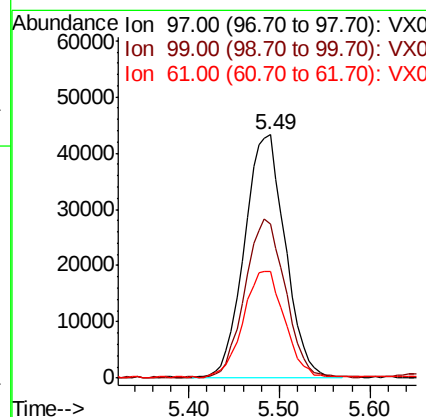
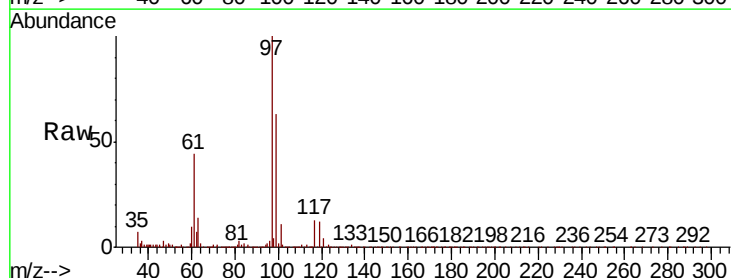
Tgt Ion: 97 Resp: 134558

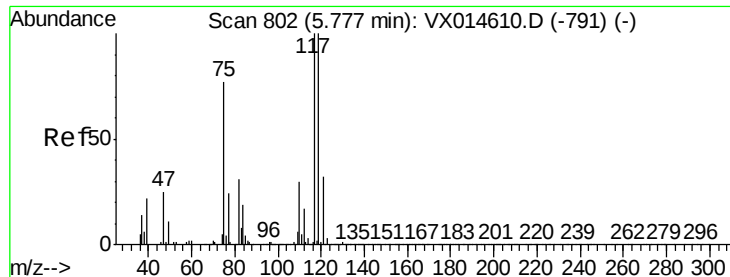
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 44.2 36.8 55.2

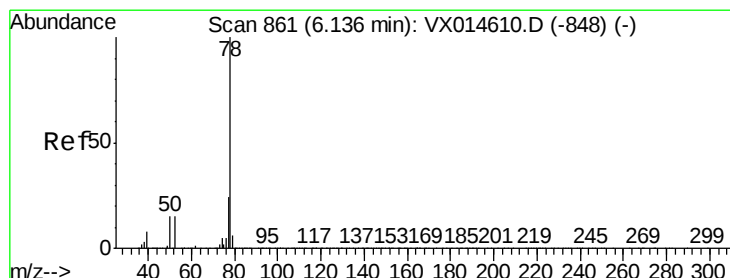
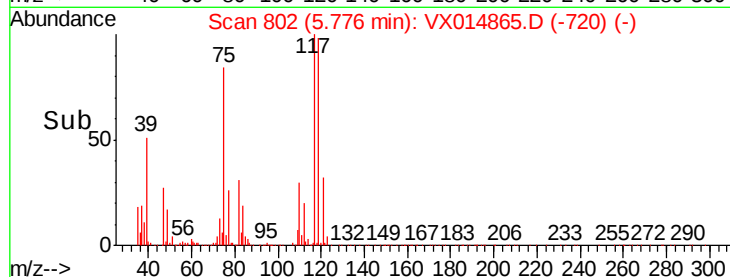
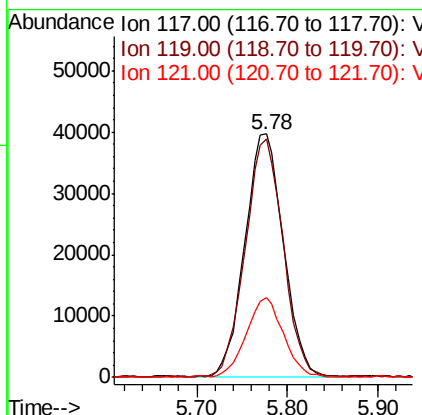
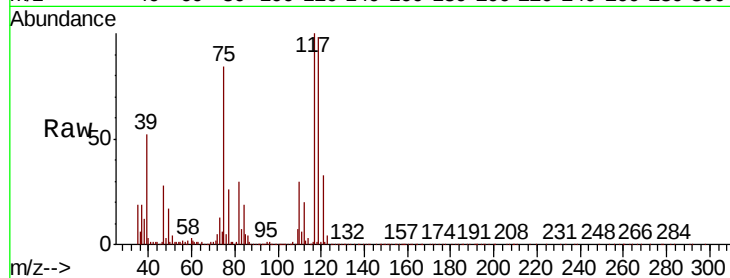




#33
Carbon Tetrachloride
Concen: 20.542 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

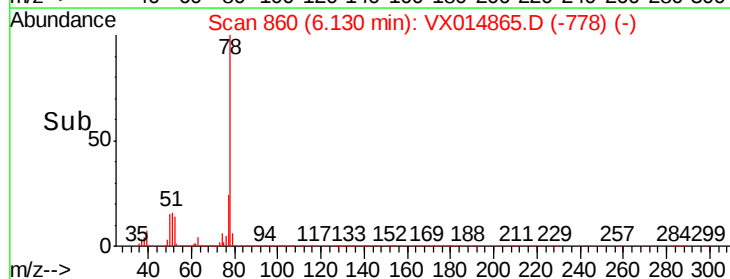
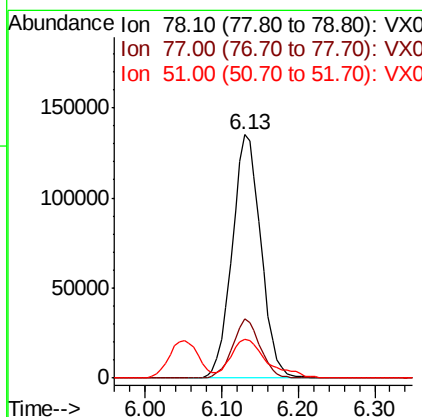
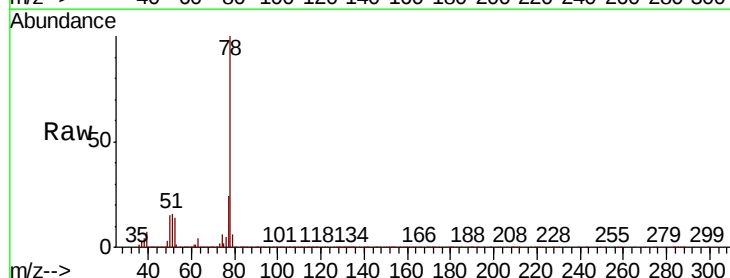
Instrument :
MSVOA_X
ClientSampleId :

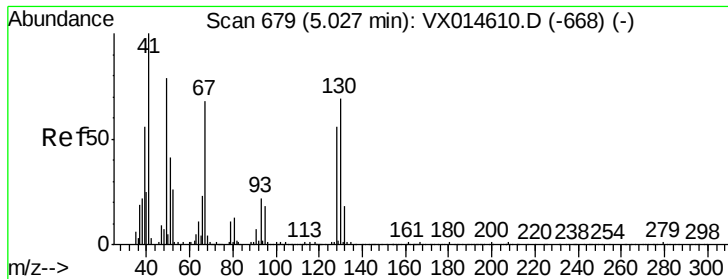
Tot Ion:117 Resp: 117589
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8
121 32.3 24.8 37.2



#34
Benzene
Concen: 18.783 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 78 Resp: 349800
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.2
51 15.8 12.4 18.6

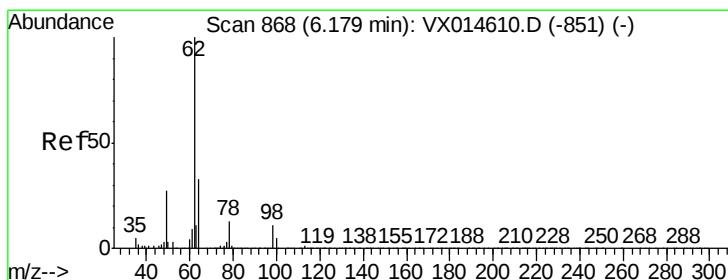
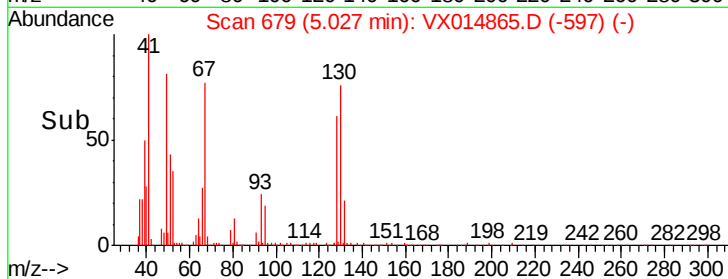
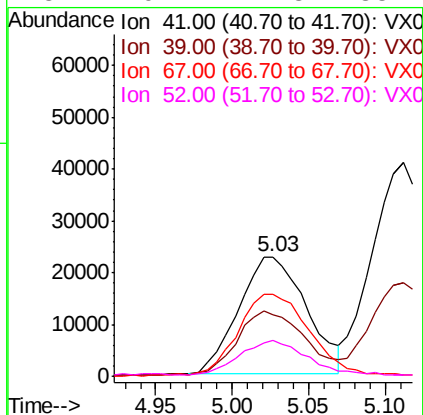
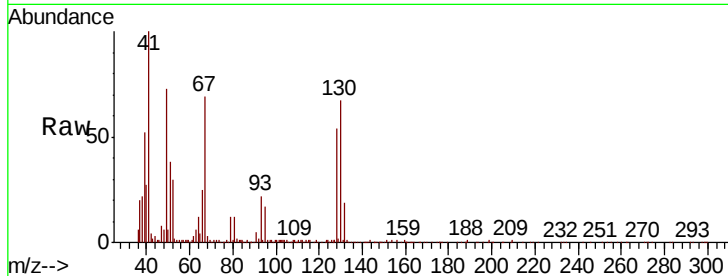




#35
Methacrylonitrile
Concen: 18.330 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

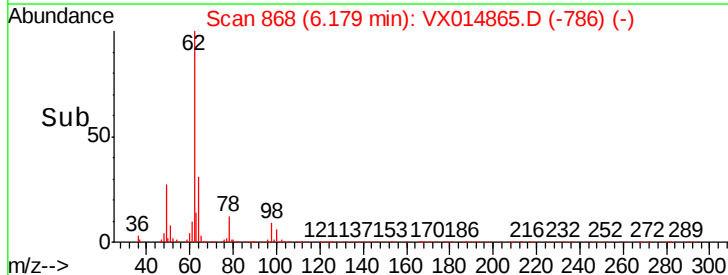
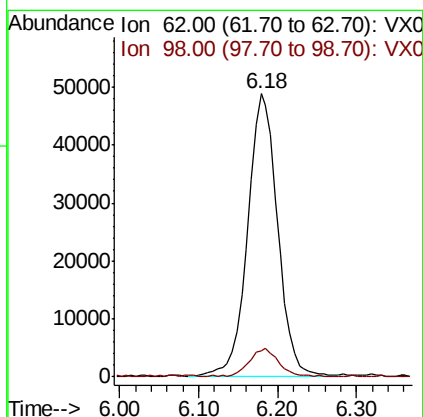
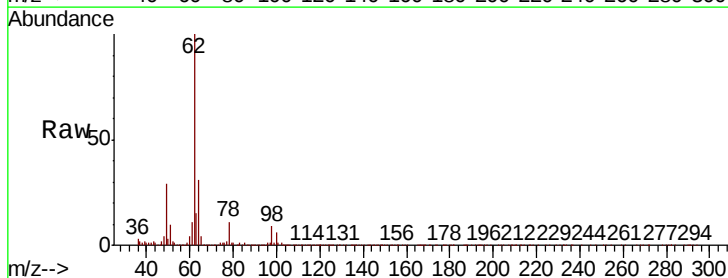
Instrument :
MSVOA_X
ClientSampleId :

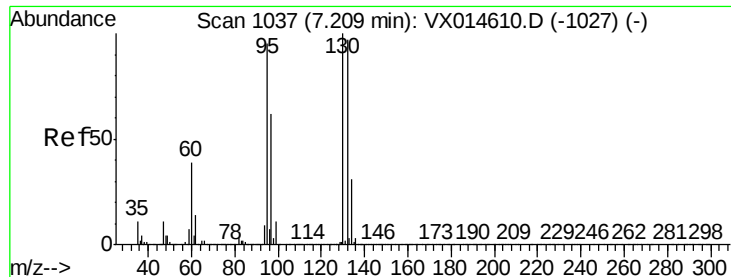
Tot Ion:	41	Resp:	69889
Ion	Ratio	Lower	Upper
41	100		
39	51.2	26.7	80.1
67	68.8	31.5	94.5
52	29.4	12.8	38.4



#36
1,2-Dichloroethane
Concen: 20.014 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion:	62	Resp:	129713
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.4	12.6

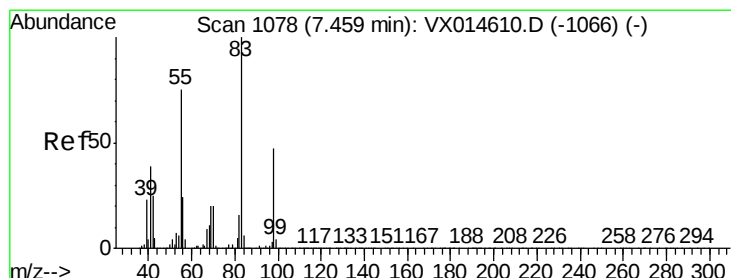
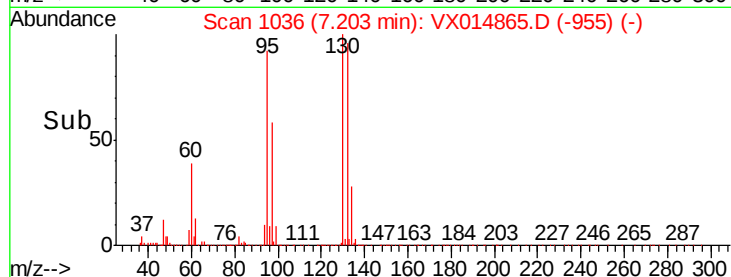
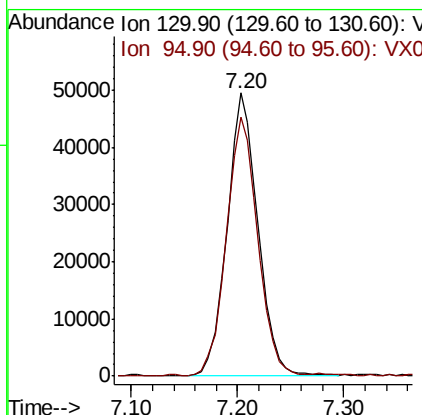
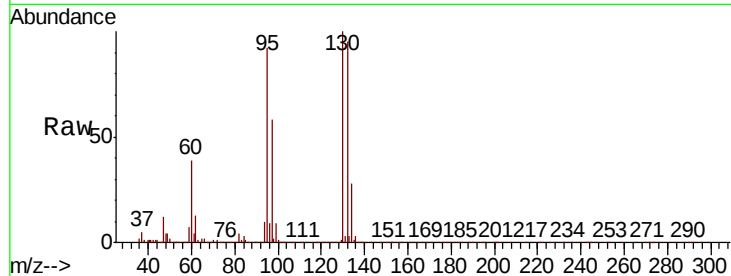




#37
 Trichloroethene
 Concen: 19.722 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

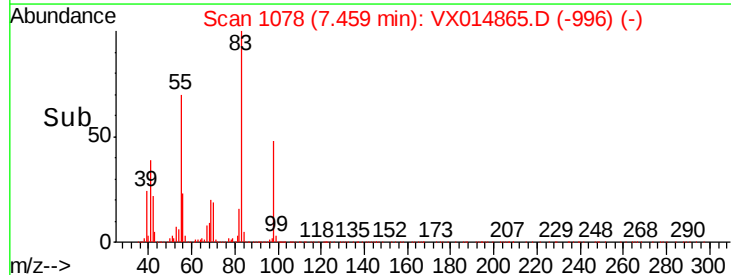
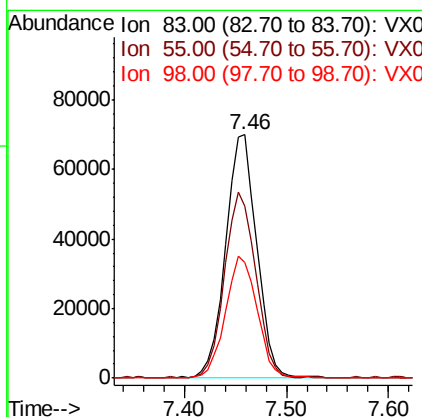
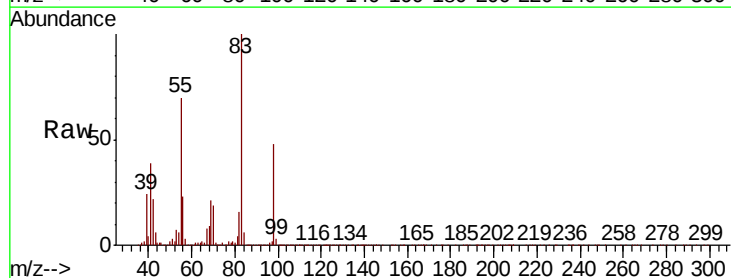
Instrument :
 MSVOA_X
 ClientSampled :

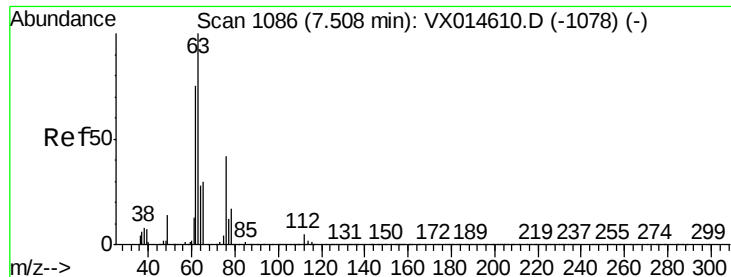
Tot Ion:130 Resp: 100567
 Ion Ratio Lower Upper
 130 100
 95 91.4 71.7 107.5



#38
 Methylcyclohexane
 Concen: 19.595 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion: 83 Resp: 147038
 Ion Ratio Lower Upper
 83 100
 55 77.2 39.4 118.1
 98 50.7 25.1 75.3

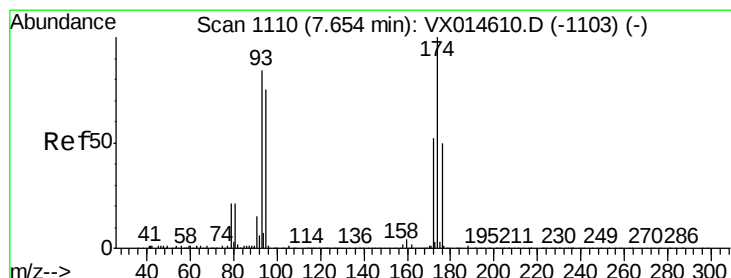
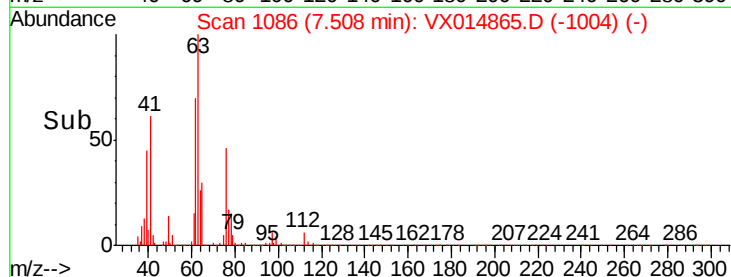
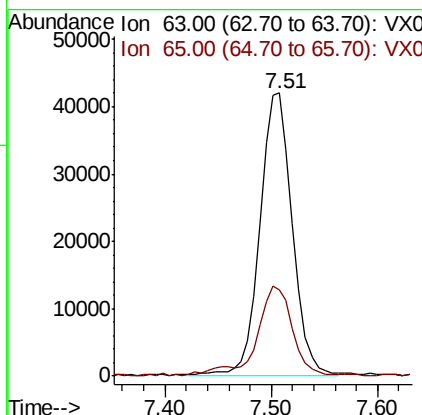
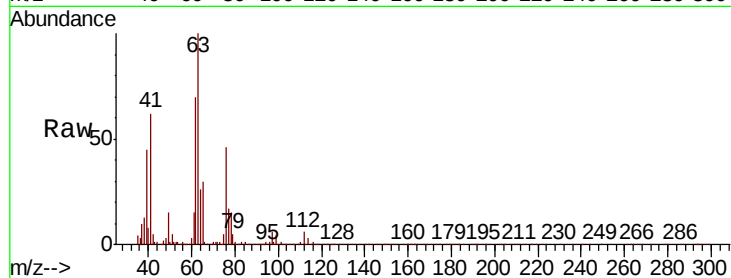




#39
 1,2-Dichloropropane
 Concen: 18.359 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

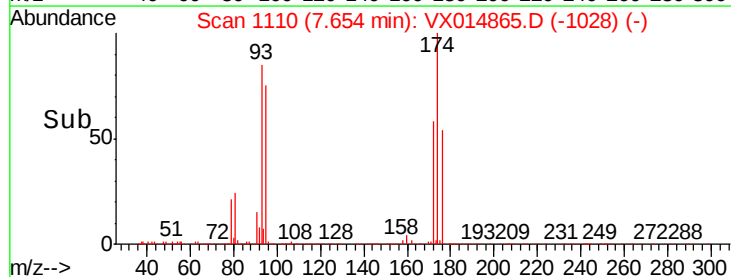
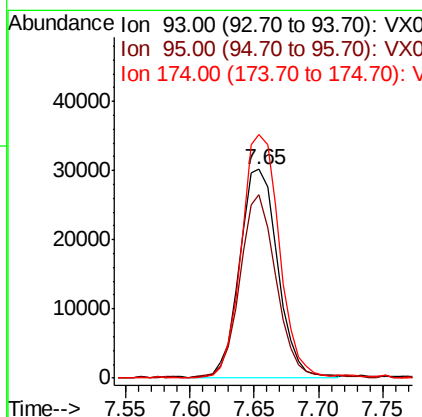
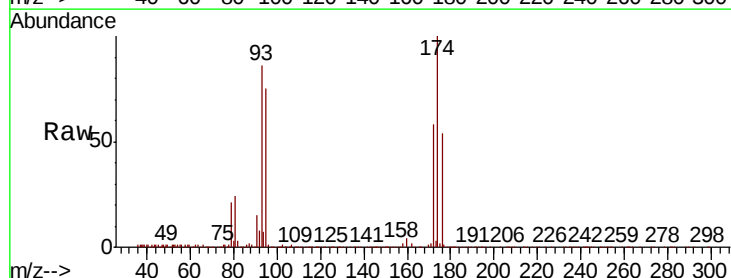
Instrument :
 MSVOA_X
 ClientSampled :

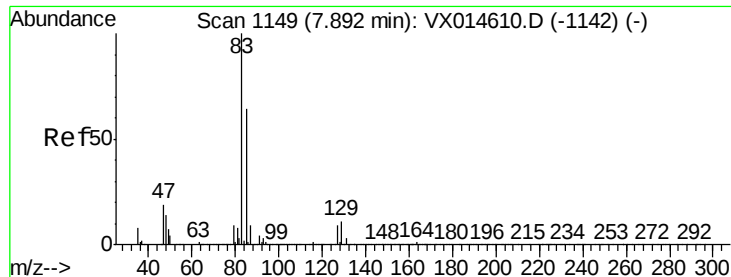
Tot Ion: 63 Resp: 88906
 Ion Ratio Lower Upper
 63 100
 65 30.0 22.1 33.1



#40
 Dibromomethane
 Concen: 19.727 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion: 93 Resp: 61395
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 164.4
 174 116.3 0.0 228.8





#41

Bromodichloromethane

Concen: 19.638 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

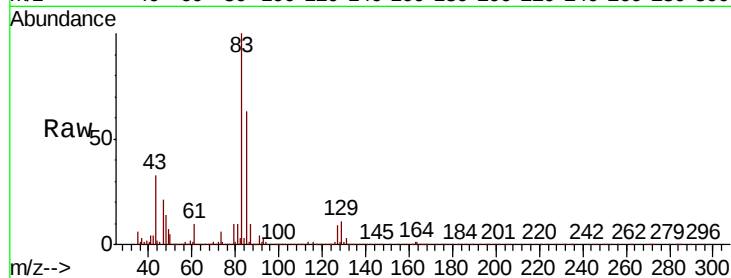
Tot Ion: 83 Resp: 119687

Ion Ratio Lower Upper

83 100

85 62.9 51.6 77.4

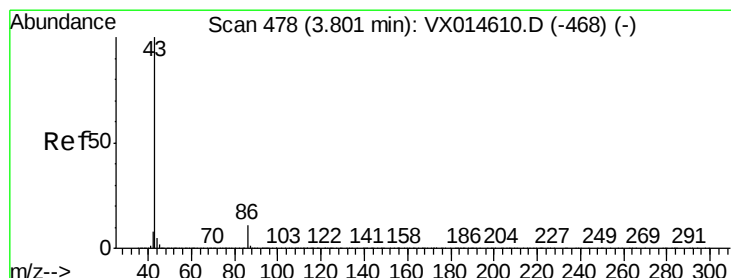
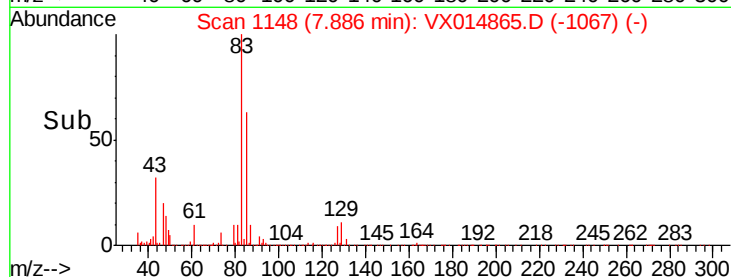
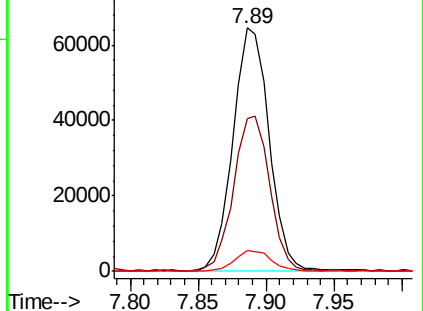
127 8.5 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.135 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014865.D

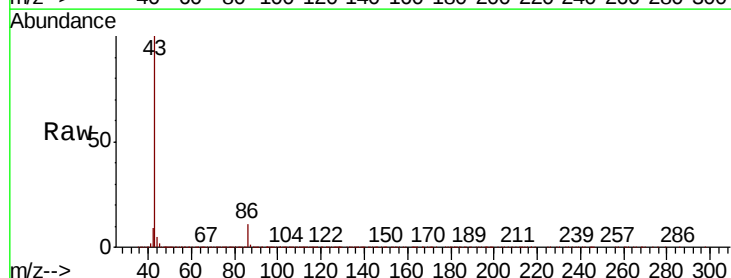
Acq: 07 Feb 2020 12:27

Tgt Ion: 43 Resp: 1107681

Ion Ratio Lower Upper

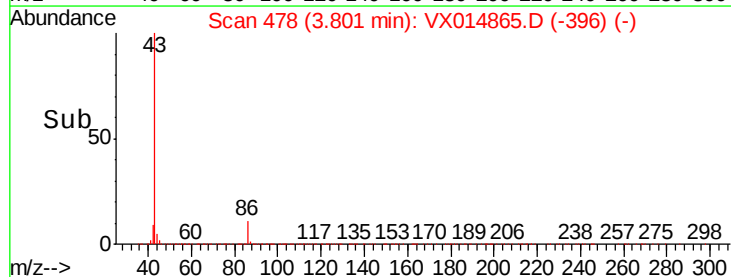
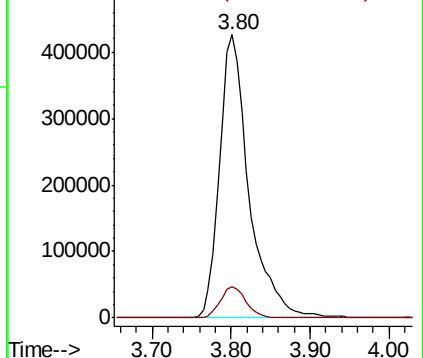
43 100

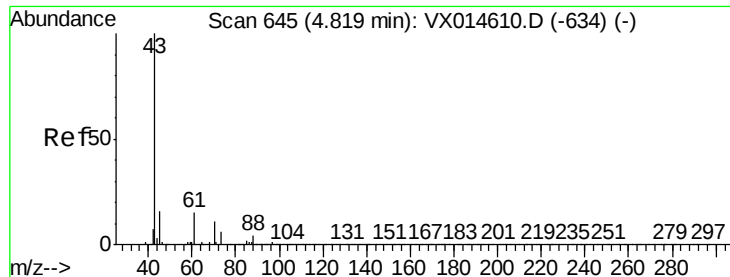
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

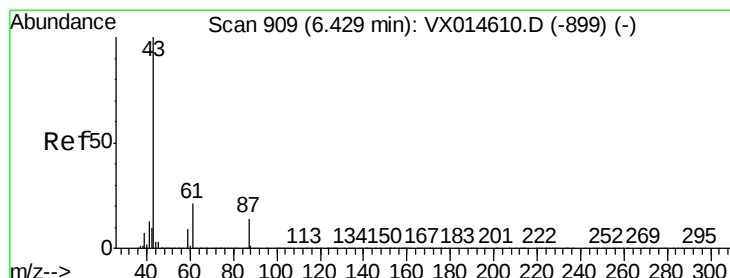
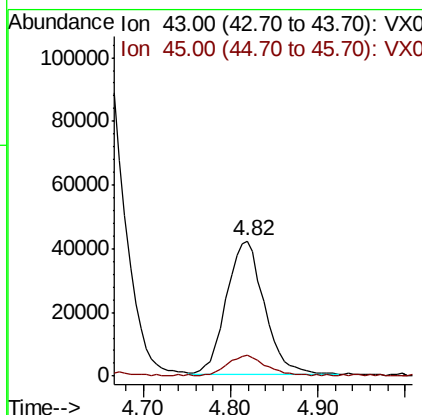
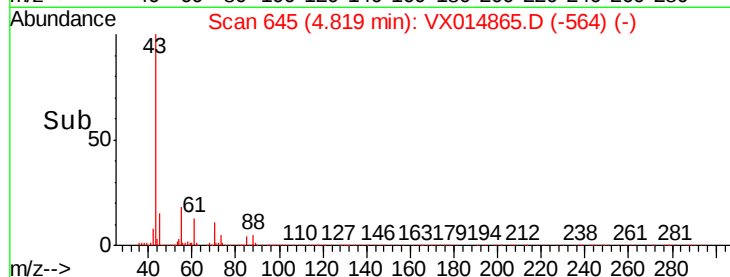
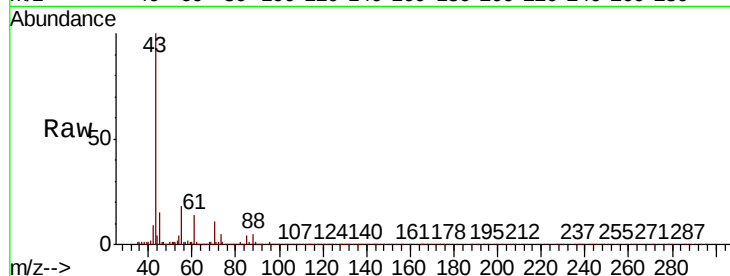




#43
Ethyl Acetate
Concen: 18.376 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

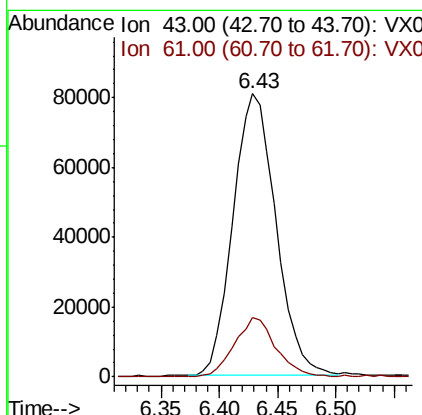
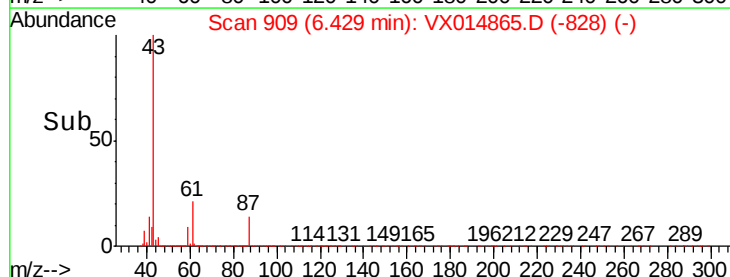
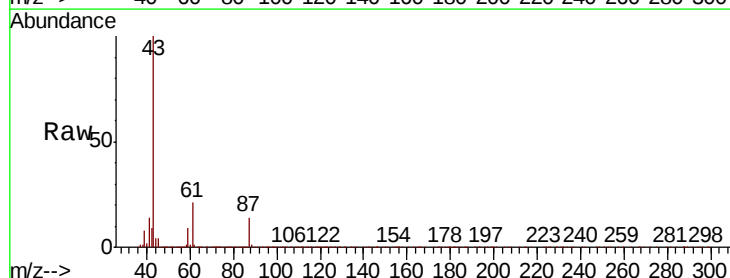
Instrument :
MSVOA_X
ClientSampleId :

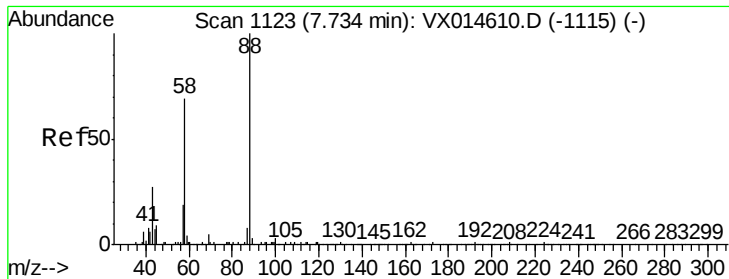
Tot Ion: 43 Resp: 126998
Ion Ratio Lower Upper
43 100
45 16.0 11.8 17.8



#44
Isopropyl Acetate
Concen: 18.578 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 43 Resp: 207123
Ion Ratio Lower Upper
43 100
61 20.1 15.9 23.9

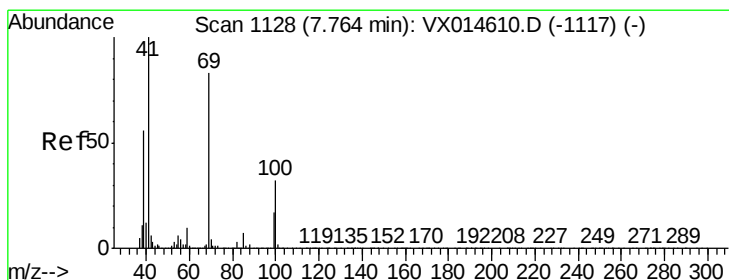
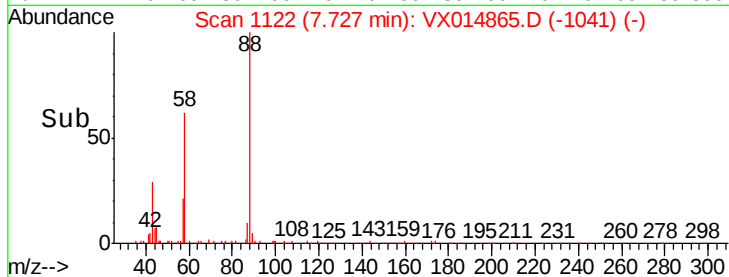
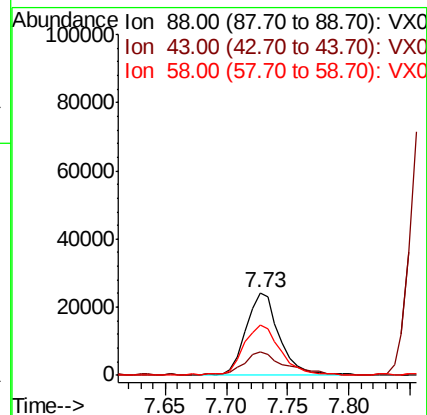
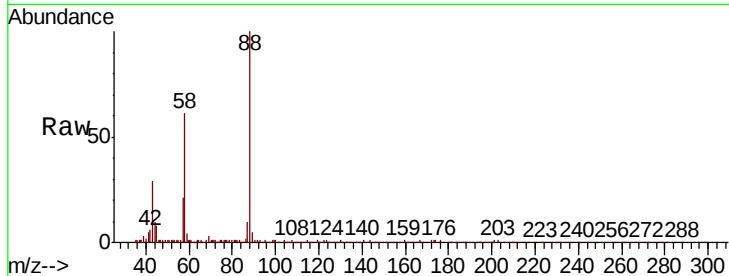




#45
1,4-Dioxane
Concen: 404.044 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

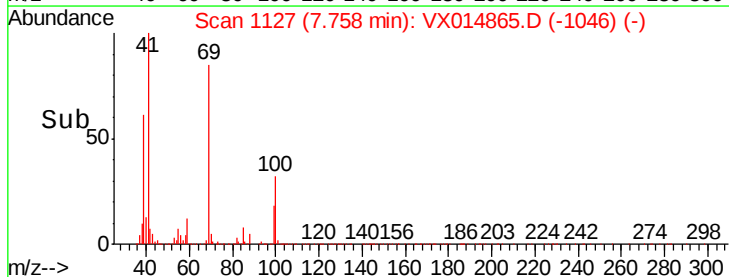
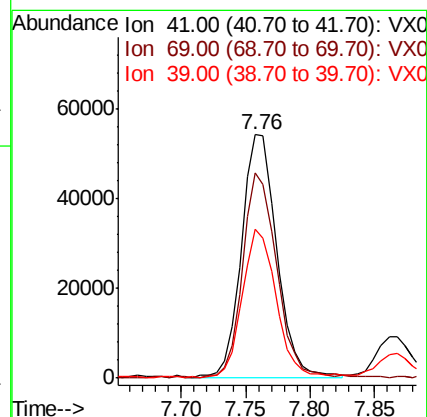
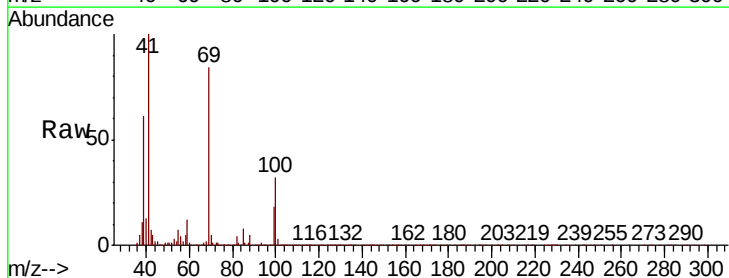
Instrument :
MSVOA_X
ClientSampled :

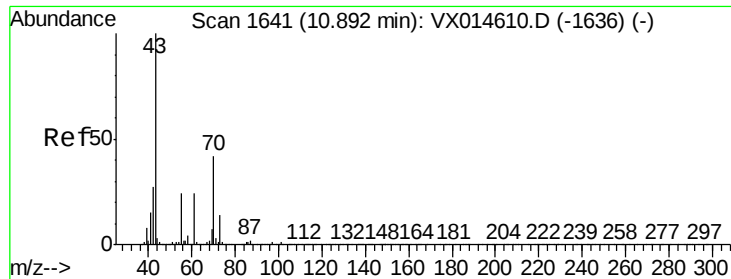
Tot Ion	88	Resp	45060
Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.4	38.2
58	65.1	56.5	84.7



#46
Methyl methacrylate
Concen: 18.904 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion	41	Resp	103645
Ion	Ratio	Lower	Upper
41	100		
69	84.1	40.6	122.0
39	60.6	27.8	83.3

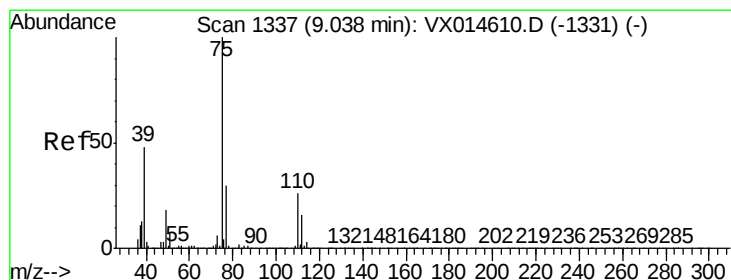
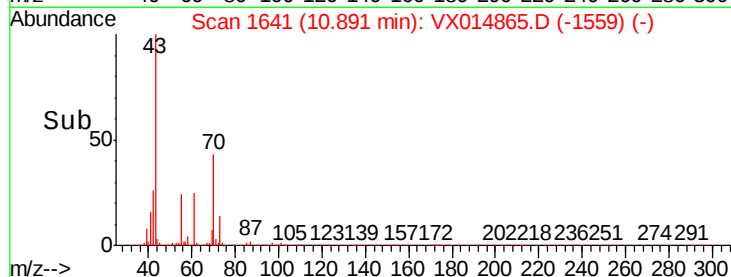
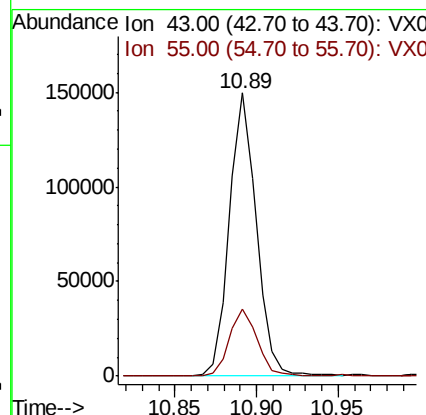
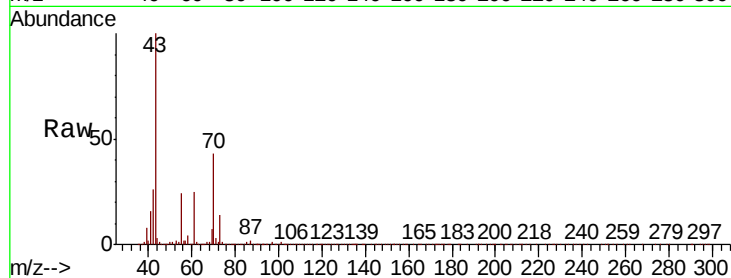




#47
 n-amvl Acetate
 Concen: 18.409 ug/l
 RT: 10.89 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

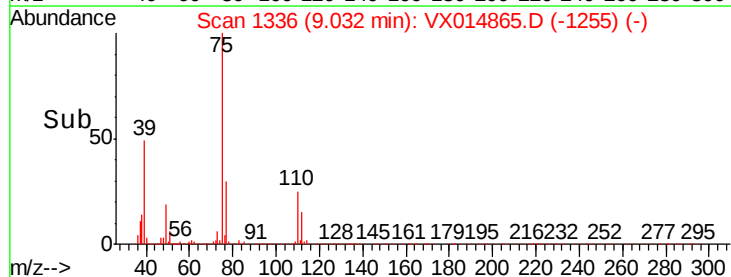
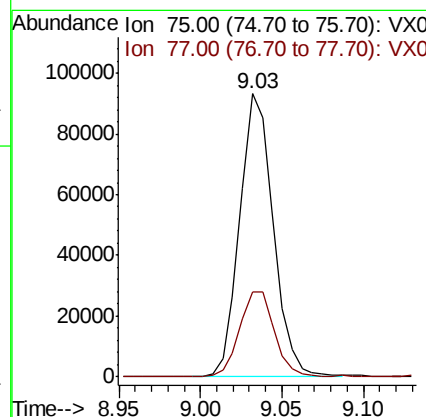
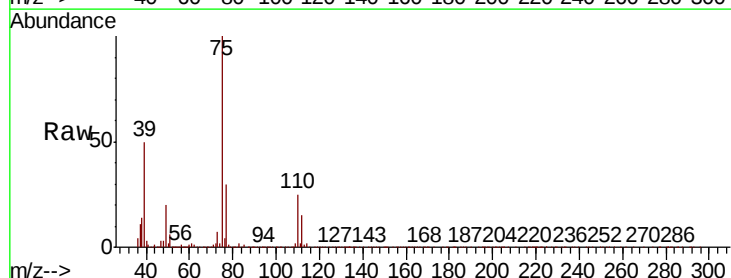
Instrument :
 MSVOA_X
 ClientSampleId :

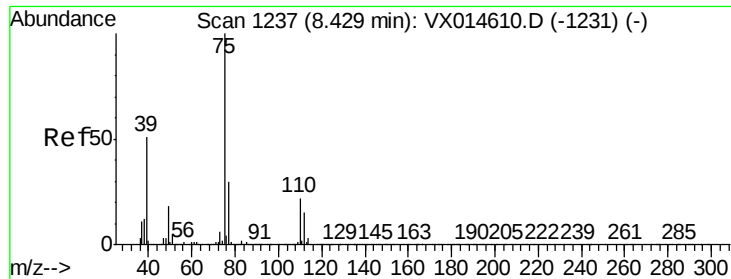
Tot Ion: 43 Resp: 171969
 Ion Ratio Lower Upper
 43 100
 55 24.3 19.4 29.2



#48
 t-1,3-Dichloropropene
 Concen: 20.041 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion: 75 Resp: 133354
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.0 39.0



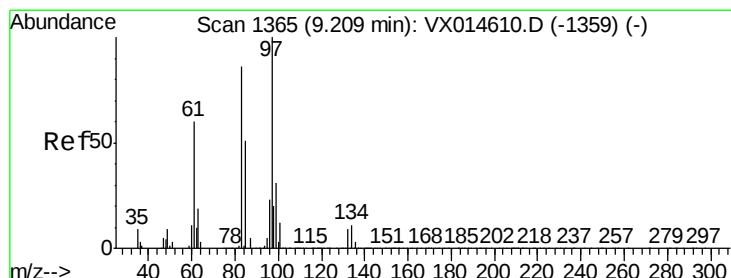
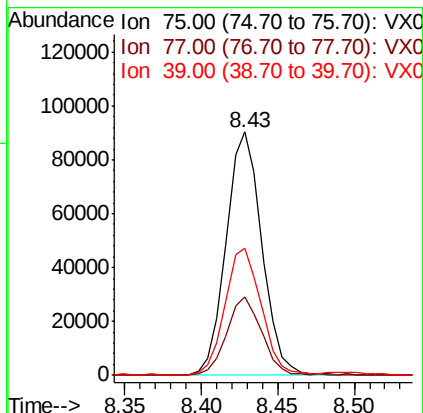
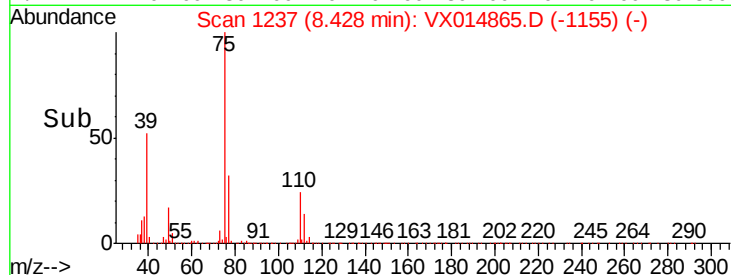
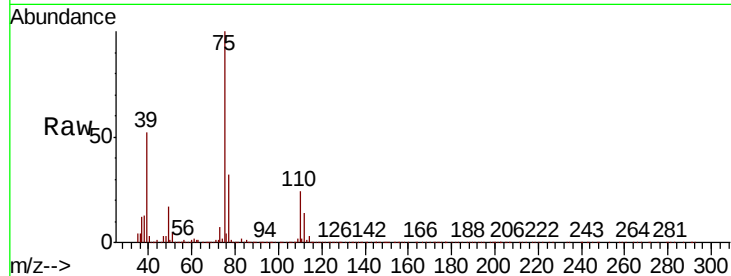


#49

cis-1,3-Dichloropropene
 Concen: 19.414 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :

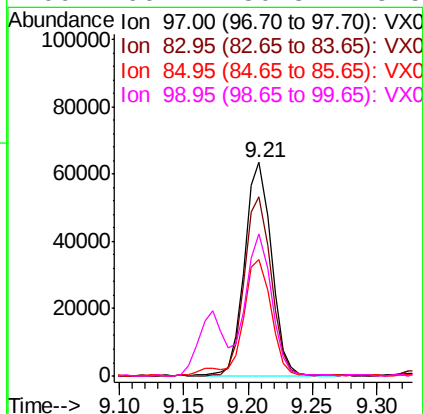
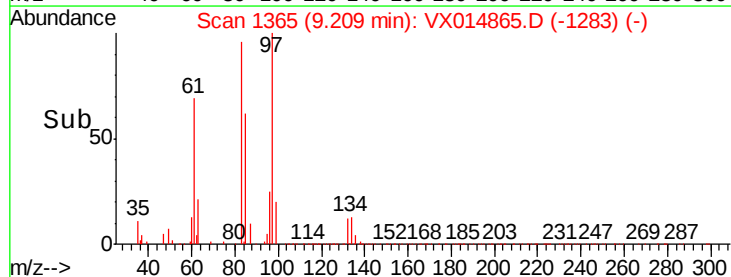
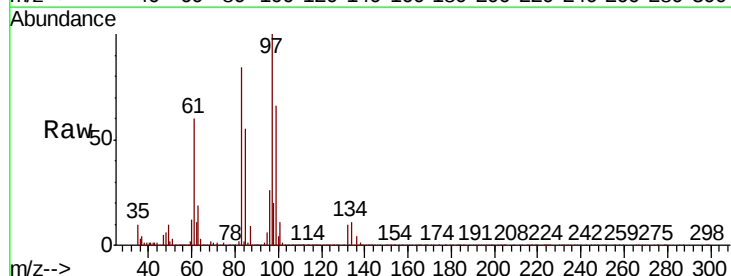
Tot Ion:	75	Resp:	145555
Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2
39	52.2	41.1	61.7

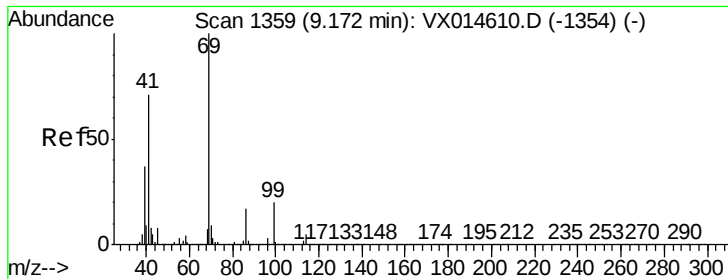


#50

1,1,2-Trichloroethane
 Concen: 19.249 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion:	97	Resp:	91159
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.1	102.1
85	54.3	42.7	64.1
99	66.1	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.089 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

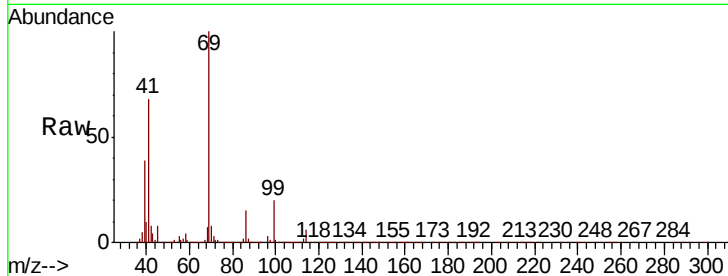
Tot Ion: 69 Resp: 140758

Ion Ratio Lower Upper

69 100

41 68.1 35.4 106.1

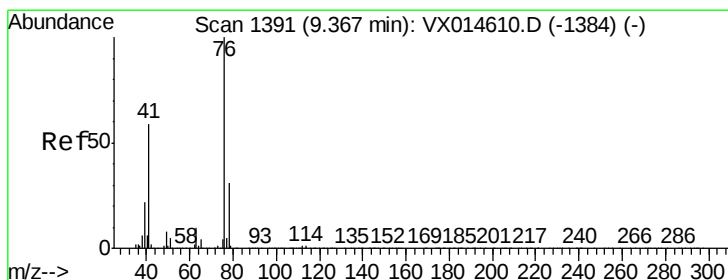
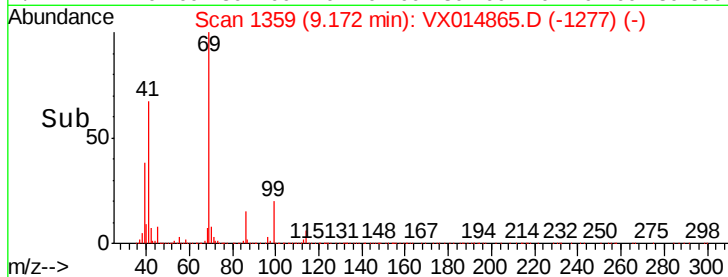
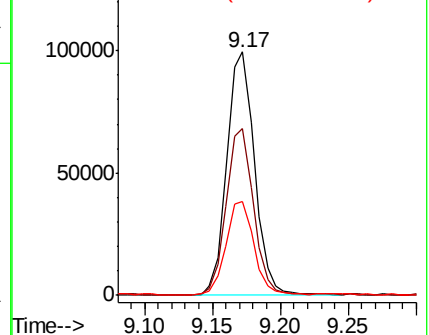
39 38.5 17.8 53.3



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: 19.280 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014865.D

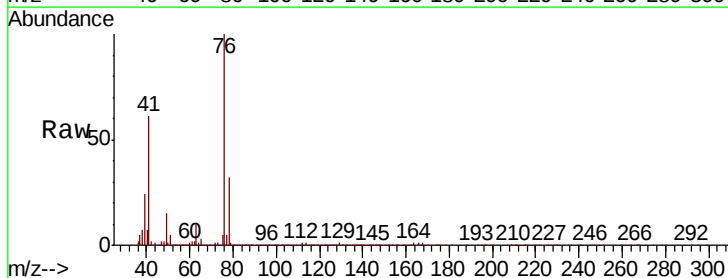
Acq: 07 Feb 2020 12:27

Tgt Ion: 76 Resp: 154697

Ion Ratio Lower Upper

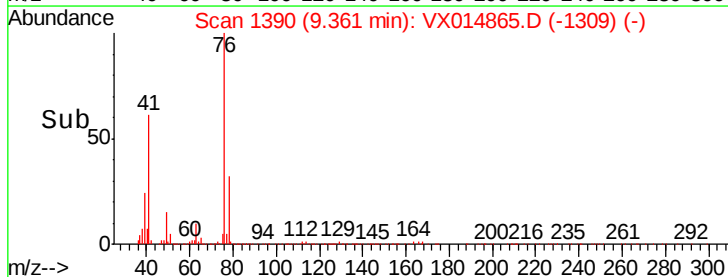
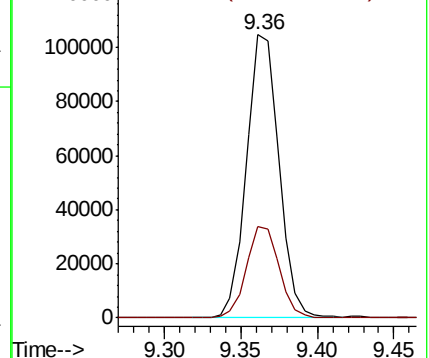
76 100

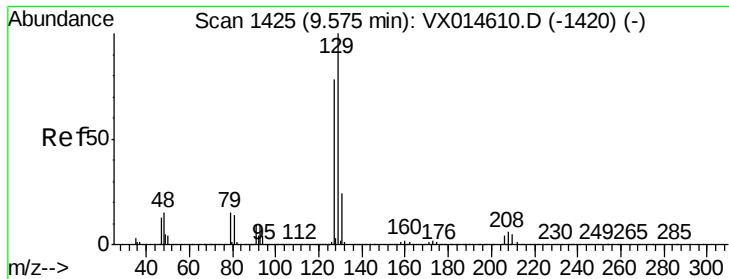
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

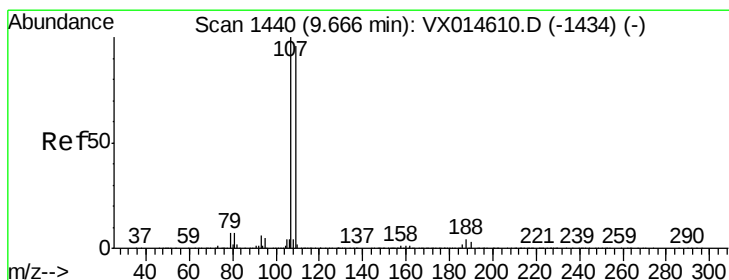
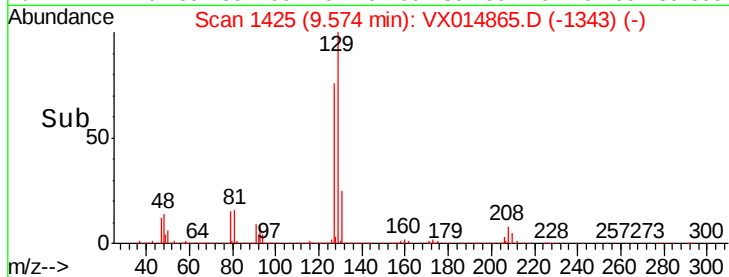
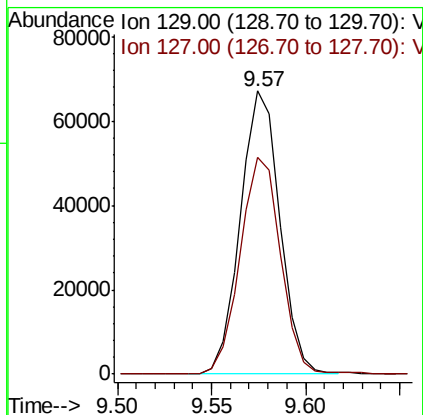
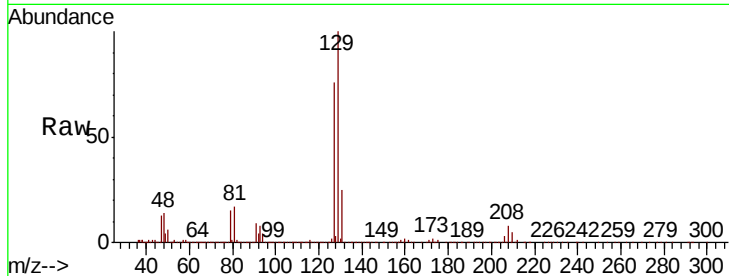




#53
 Dibromochloromethane
 Concen: 20.057 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

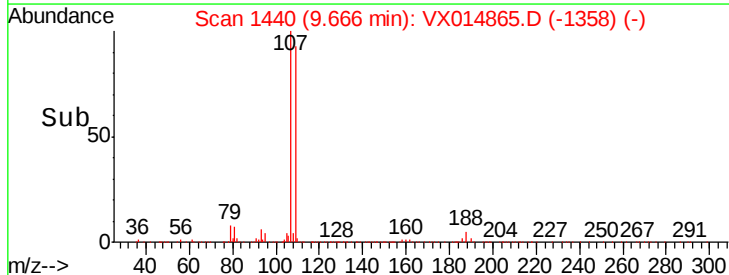
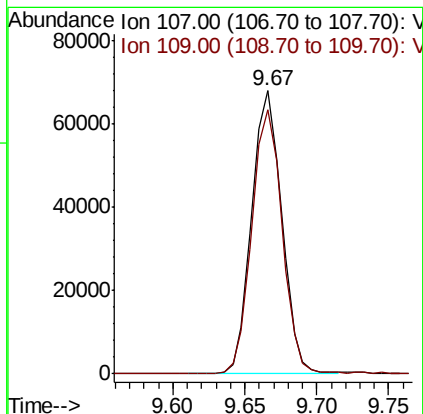
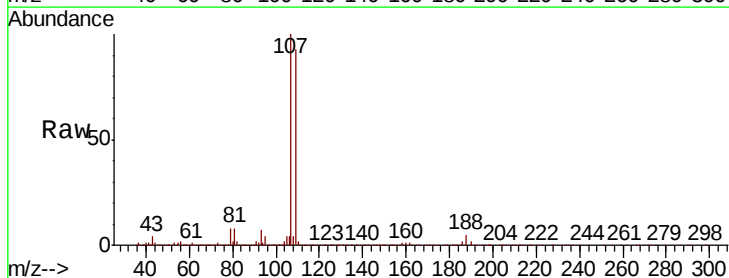
Instrument :
 MSVOA_X
 ClientSampleId :

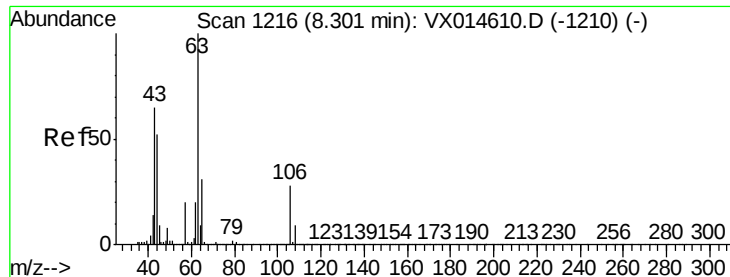
Tot Ion:129 Resp: 97159
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 20.014 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion:107 Resp: 98301
 Ion Ratio Lower Upper
 107 100
 109 92.9 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 88.737 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

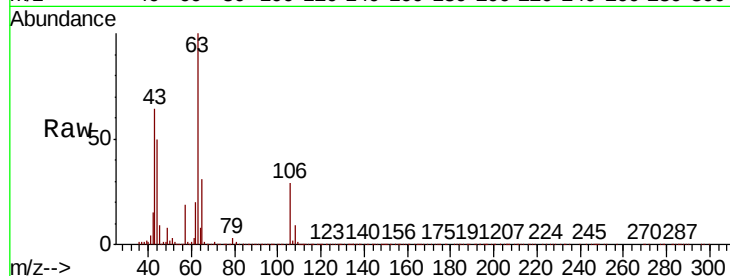
Tot Ion: 63 Resp: 300714

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.6

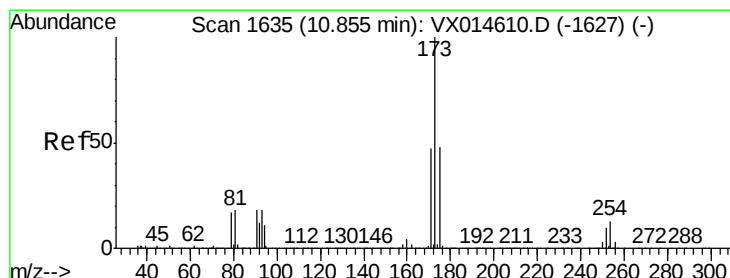
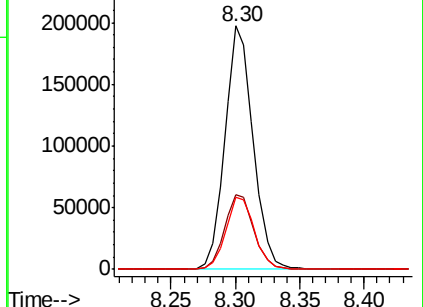
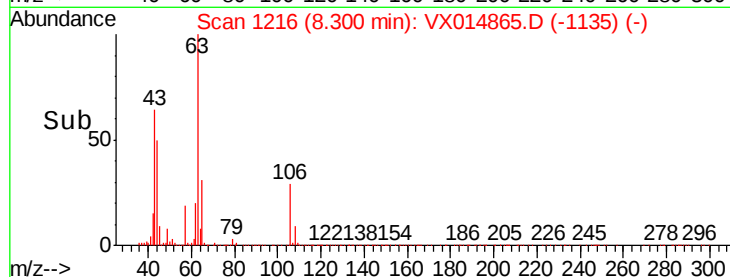
106 30.1 22.9 34.3



Abundance Ion 63.00 (62.70 to 63.70): VX014865.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): VX014865.D (-1135) (-)

Ion 106.00 (105.70 to 106.70): VX014865.D (-1135) (-)



#56

Bromoform

Concen: 20.315 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

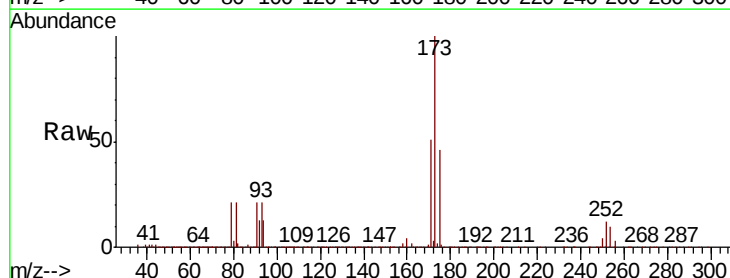
Tgt Ion: 173 Resp: 75800

Ion Ratio Lower Upper

173 100

175 47.5 39.5 59.3

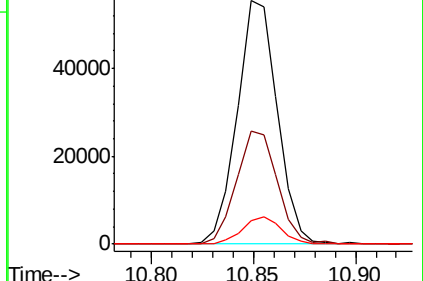
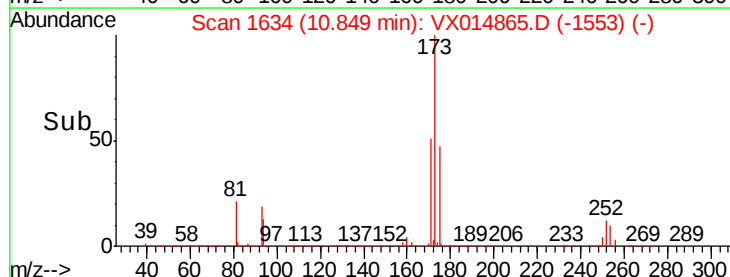
254 10.9 8.2 12.4

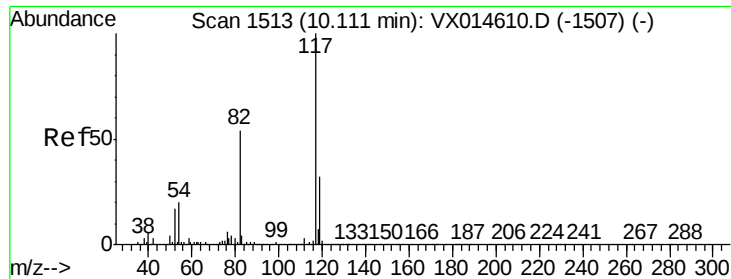


Abundance Ion 173.00 (172.70 to 173.70): VX014865.D (-1553) (-)

Ion 175.00 (174.70 to 175.70): VX014865.D (-1553) (-)

Ion 254.00 (253.70 to 254.70): VX014865.D (-1553) (-)

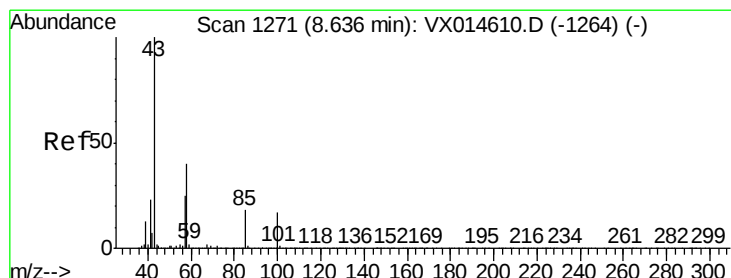
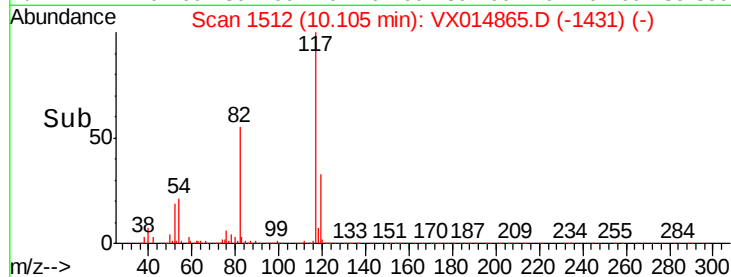
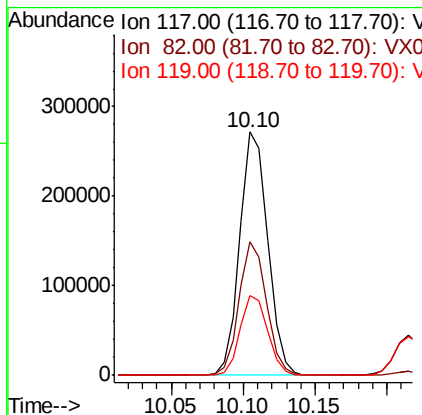
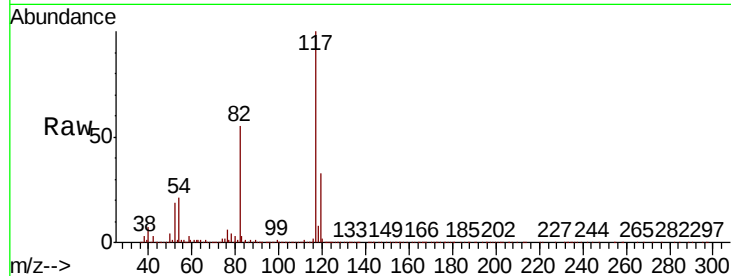




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

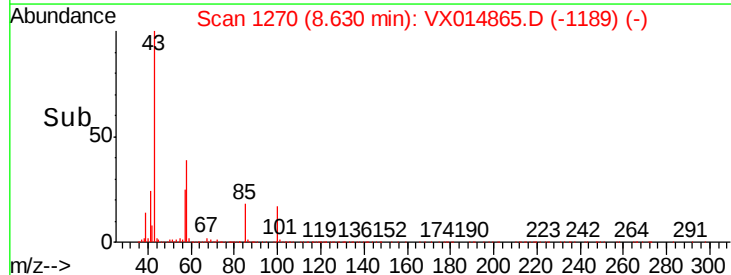
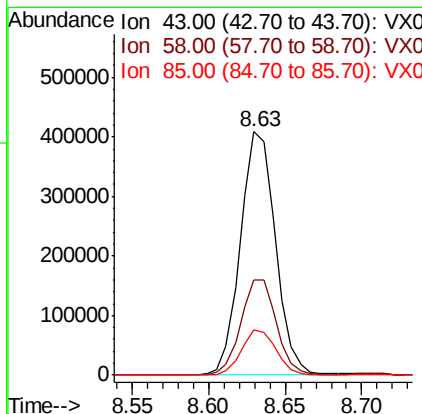
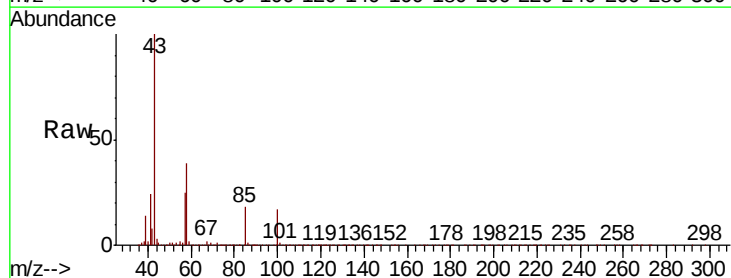
Instrument :
MSVOA_X
ClientSampleId :

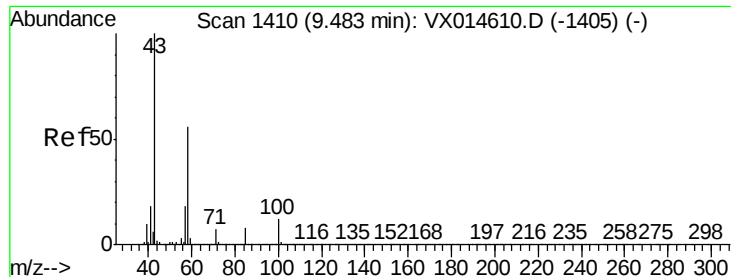
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.6
119	32.4	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 93.914 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	18.6	14.2	21.2

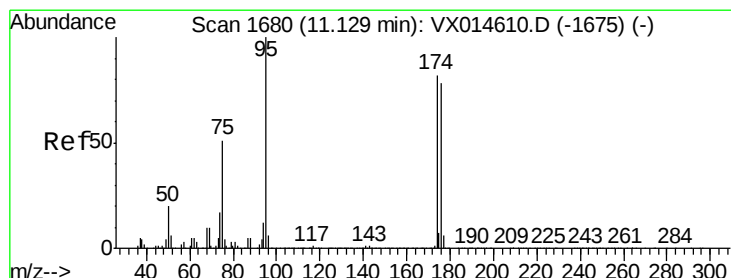
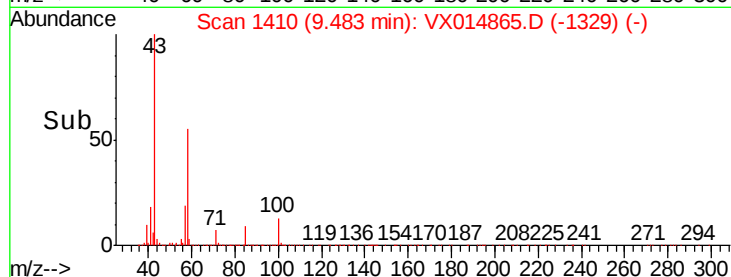
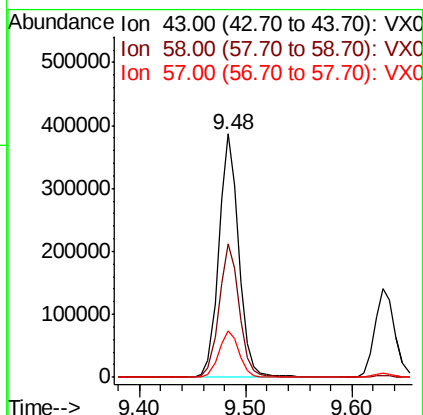
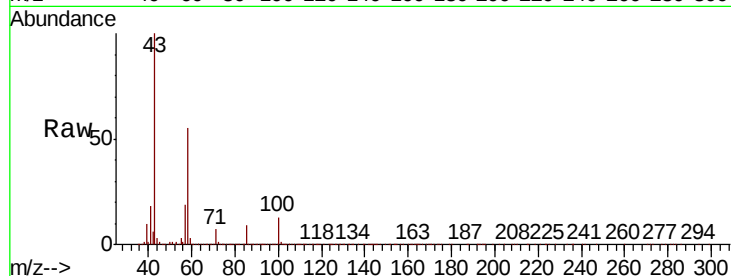




#59
2-Hexanone
Concen: 93.521 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

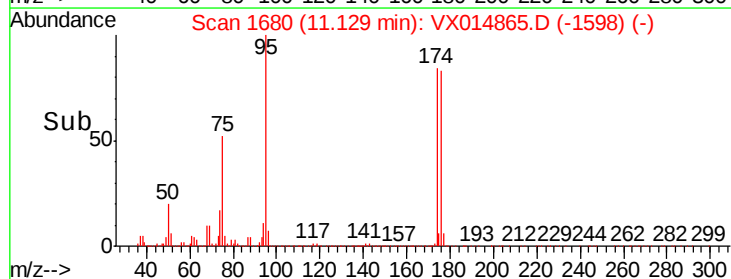
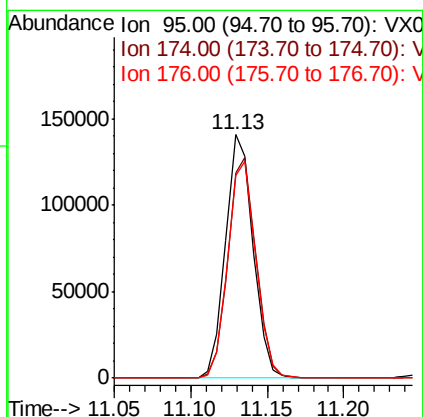
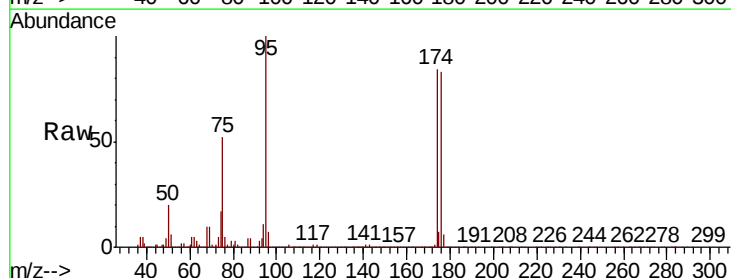
Instrument :
MSVOA_X
ClientSampled :

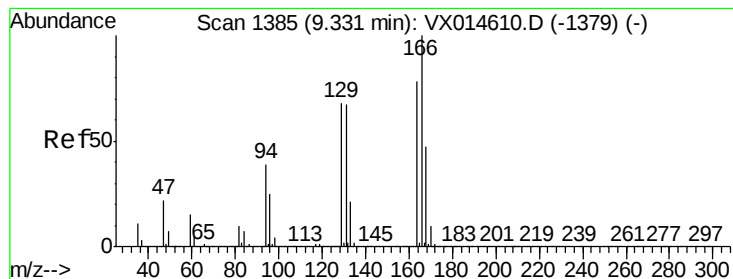
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.6
57	19.5	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 29.917 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.5	70.2	105.2
176	91.2	68.3	102.5





#61

Tetrachloroethene

Concen: 19.537 ug/l

RT: 9.33 min Scan# 1385

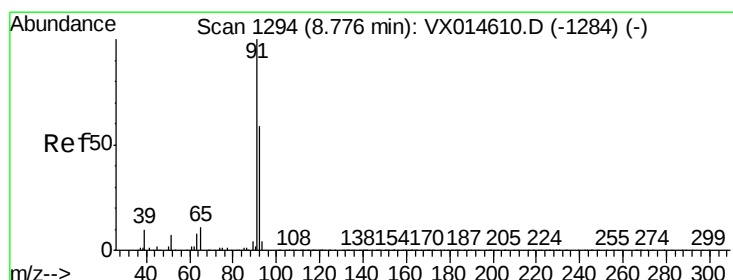
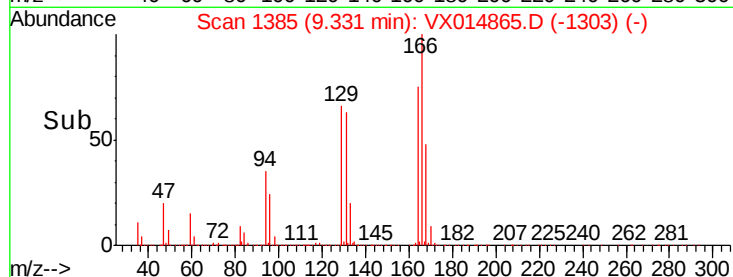
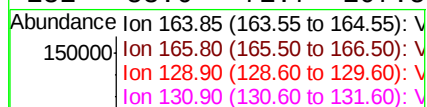
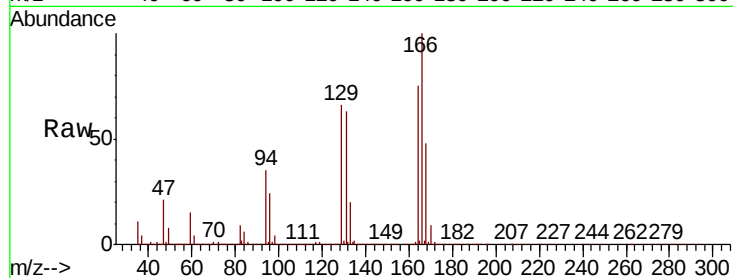
Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	164	Resp:	106082
Ion	Ratio	Lower	Upper
164	100		
166	132.8	104.2	156.2
129	87.8	71.6	107.4
131	83.6	71.7	107.5



#62

Toluene

Concen: 19.774 ug/l

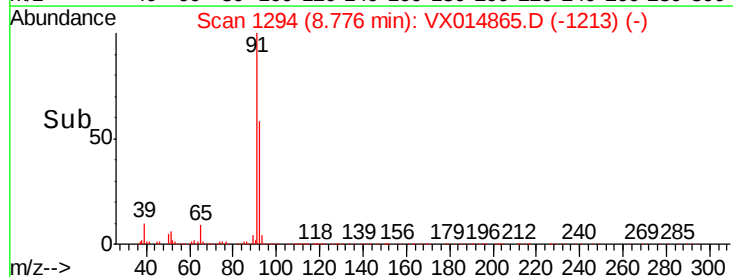
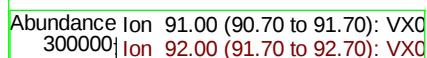
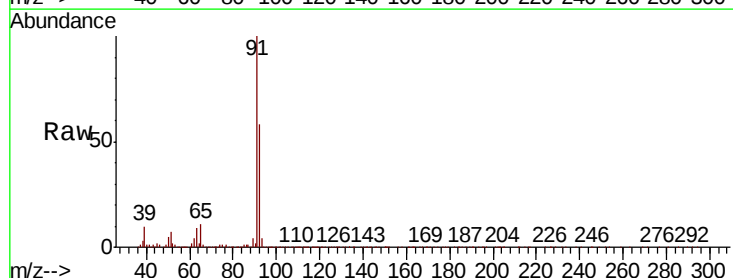
RT: 8.78 min Scan# 1294

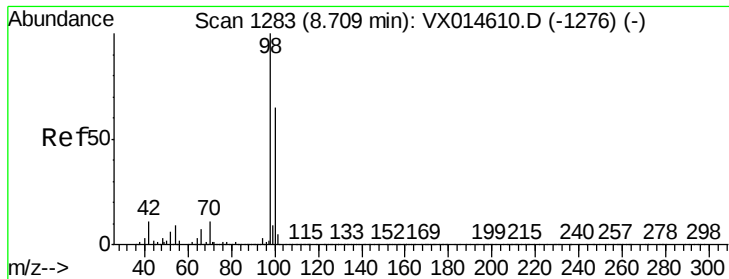
Delta R.T. -0.01 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Tgt Ion:	91	Resp:	385406
Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.4	69.6

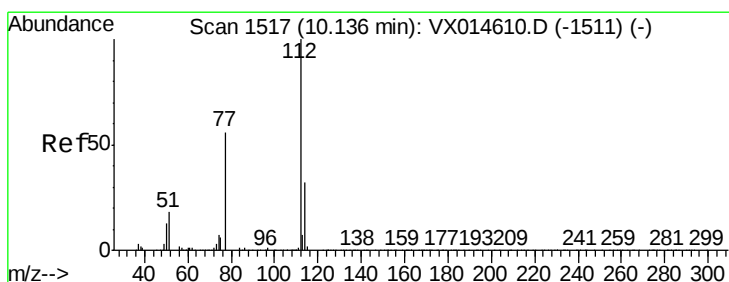
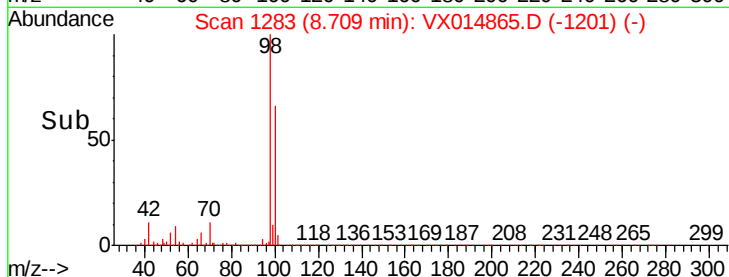
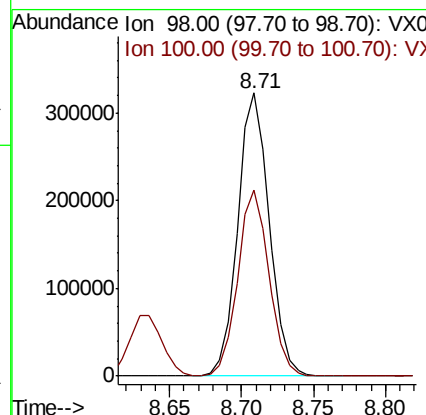
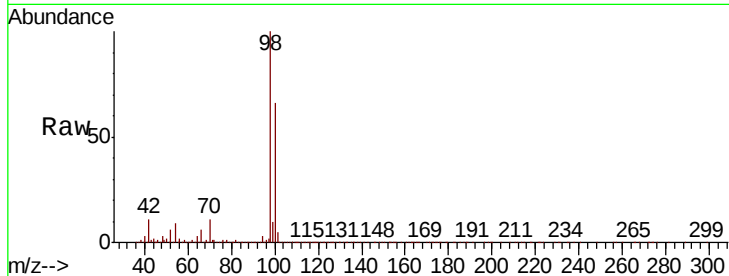




#63
Toluene-d8
Concen: 29.560 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

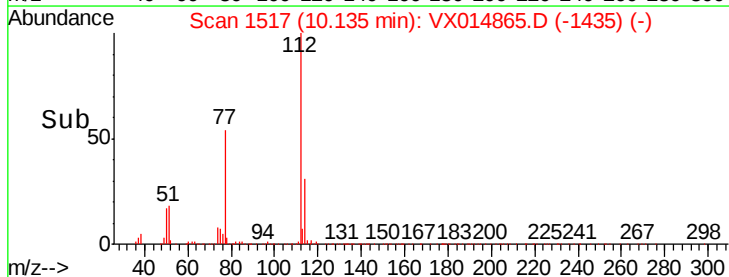
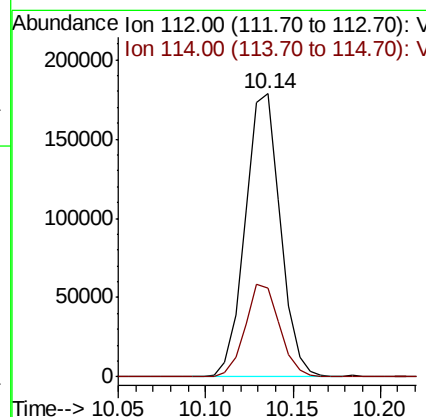
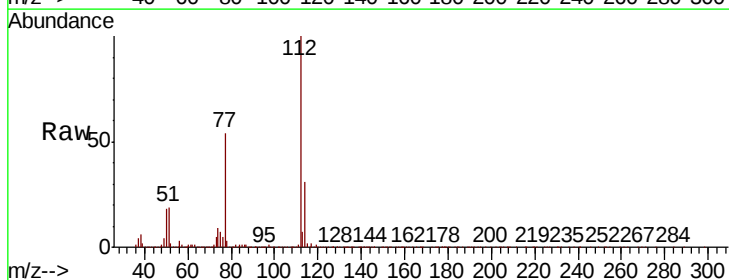
Instrument :
MSVOA_X
ClientSampleId :

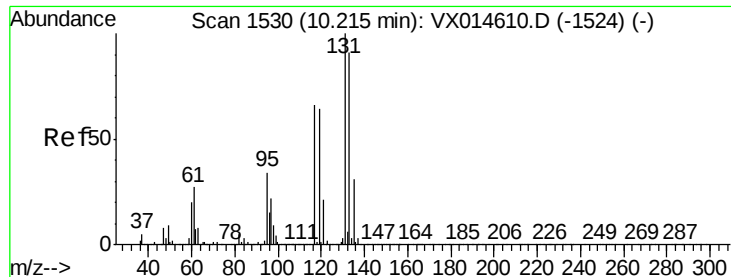
Tot Ion: 98 Resp: 490504
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#64
Chlorobenzene
Concen: 20.449 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion: 112 Resp: 248806
Ion Ratio Lower Upper
112 100
114 31.2 24.4 36.6

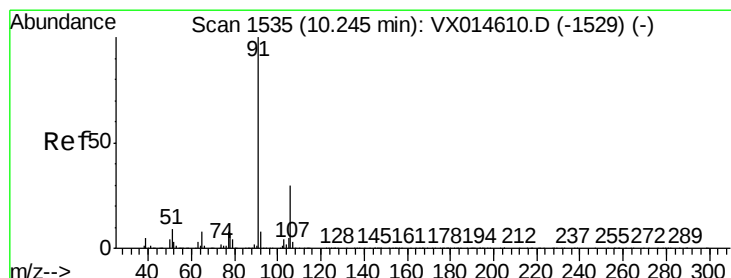
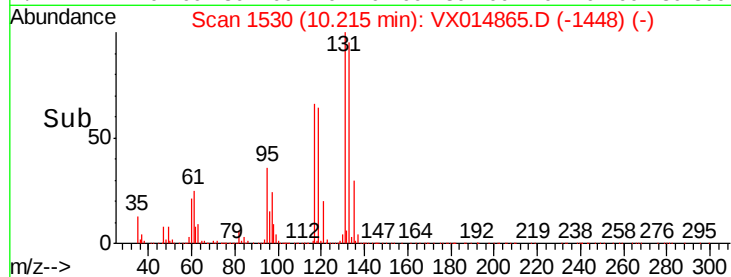
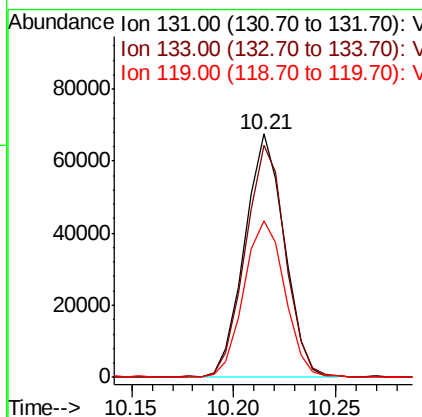
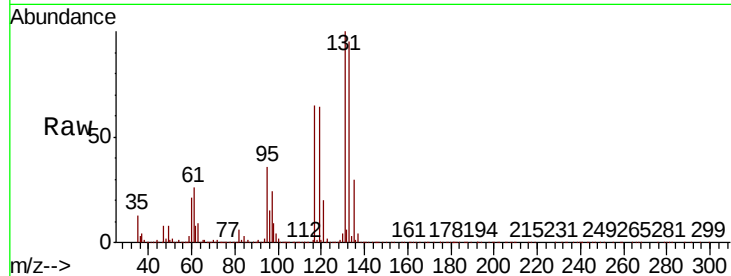




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.471 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

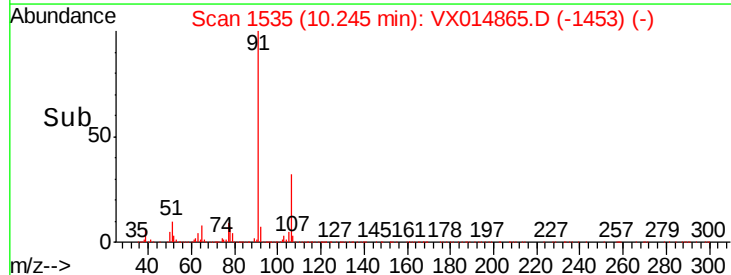
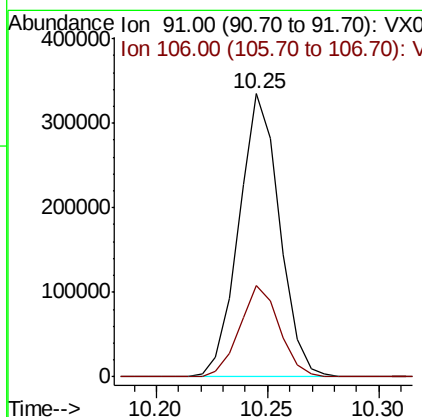
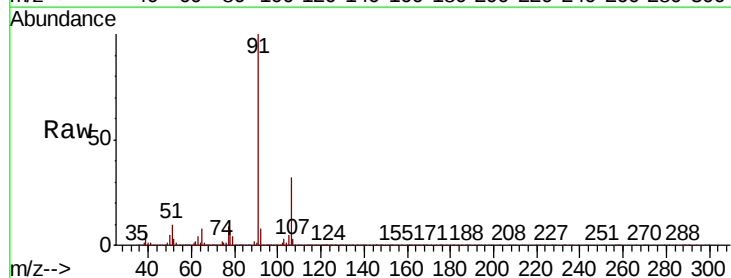
Instrument :
 MSVOA_X
 ClientSampleId :

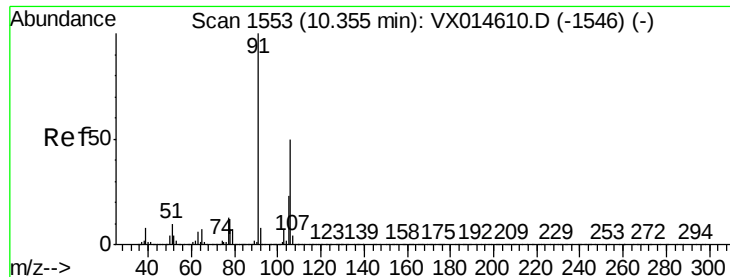
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.8	0.0	189.8
119	66.2	0.0	132.2



#66
 Ethyl Benzene
 Concen: 20.016 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.2	36.2

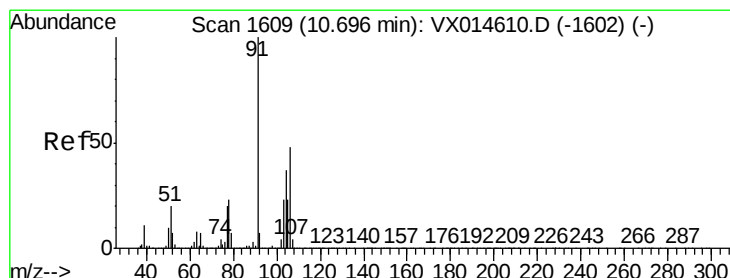
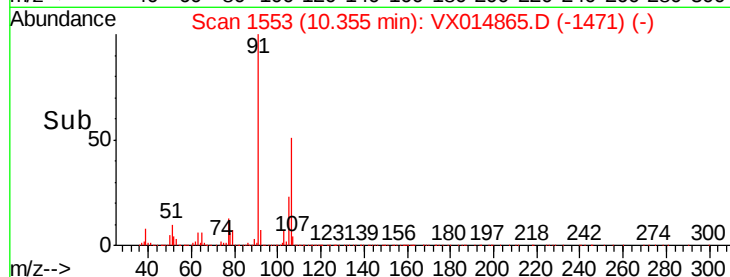
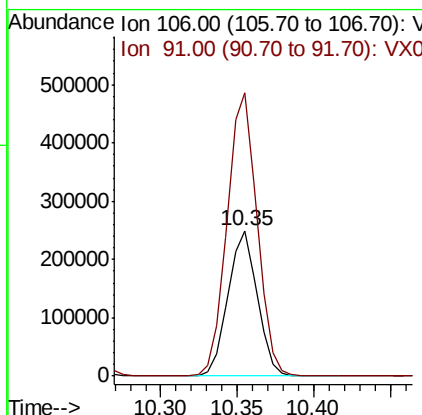
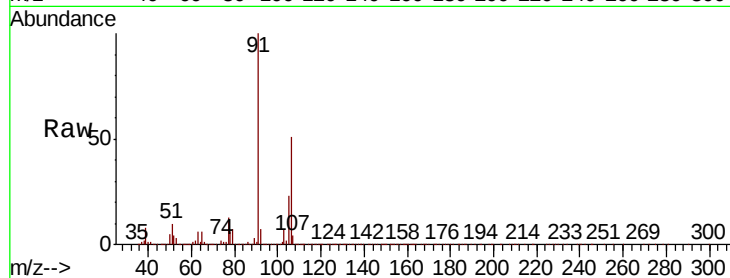




#67
m/p-Xvlenes
Concen: 40.723 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

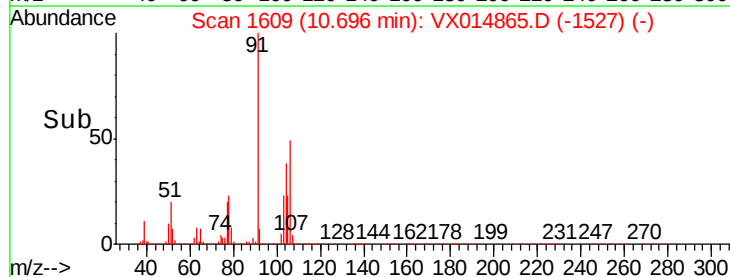
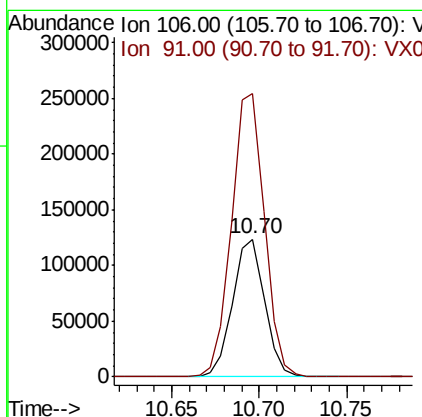
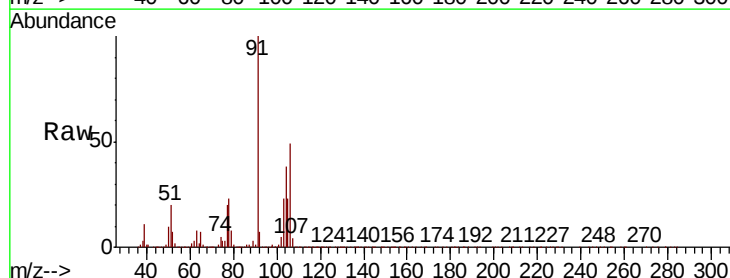
Instrument :
MSVOA_X
ClientSampleId :

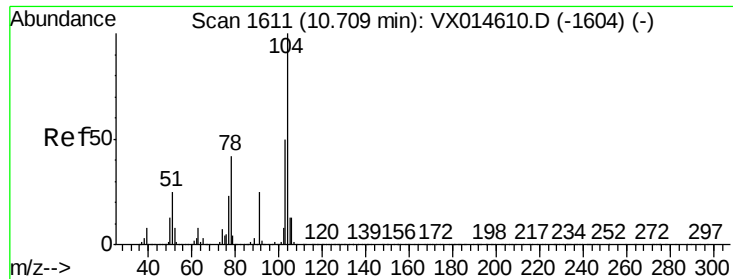
Tot Ion:106 Resp: 331139
Ion Ratio Lower Upper
106 100
91 198.4 159.3 238.9



#68
o-Xylene
Concen: 19.948 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion:106 Resp: 157951
Ion Ratio Lower Upper
106 100
91 209.9 104.8 314.6

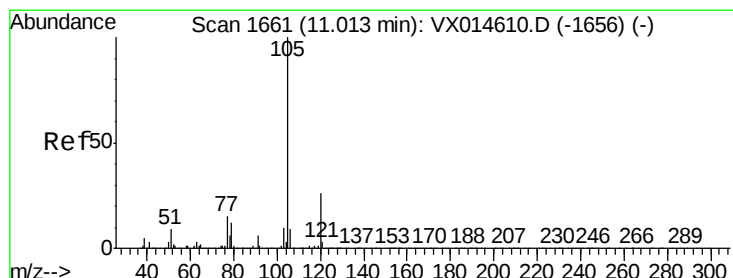
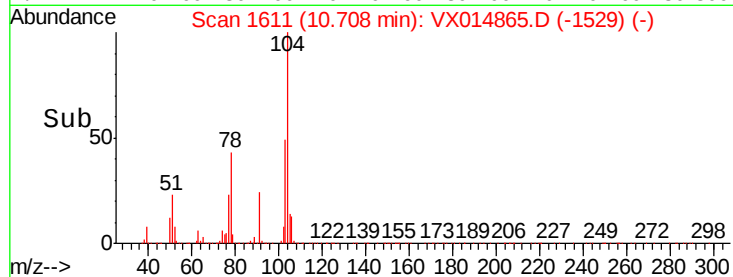
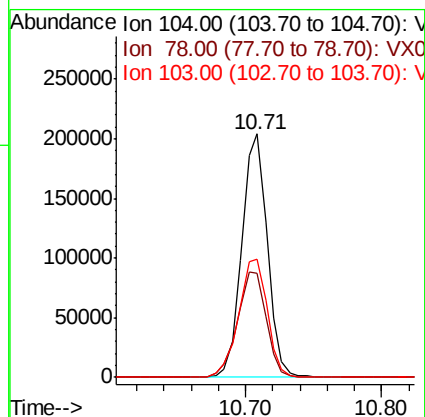
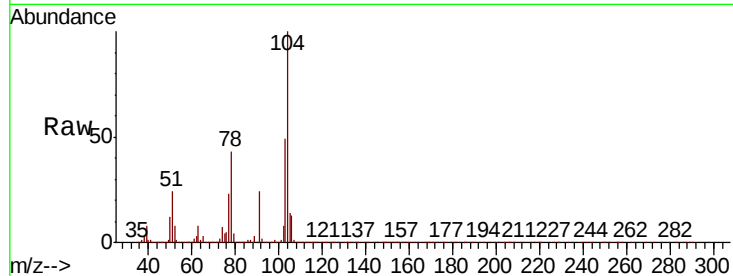




#69
Stvrene
Concen: 19.866 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

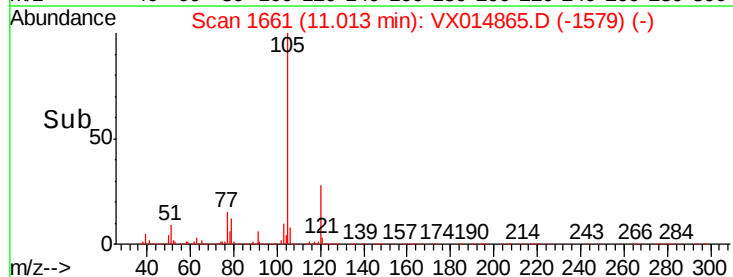
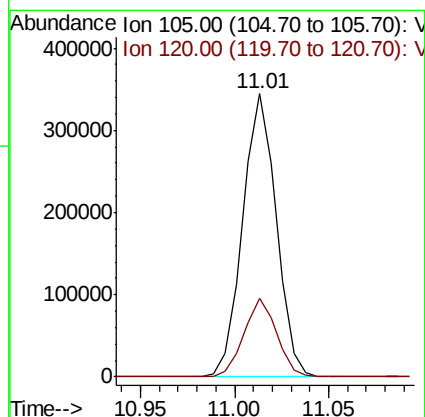
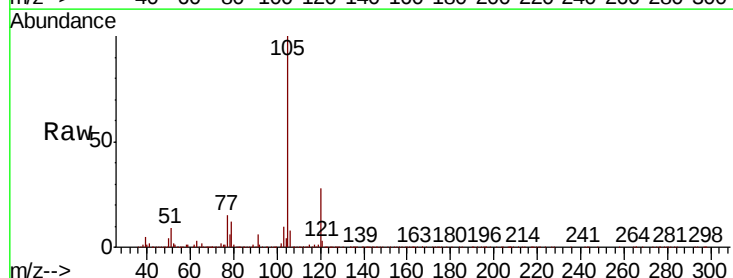
Instrument :
MSVOA_X
ClientSampleId :

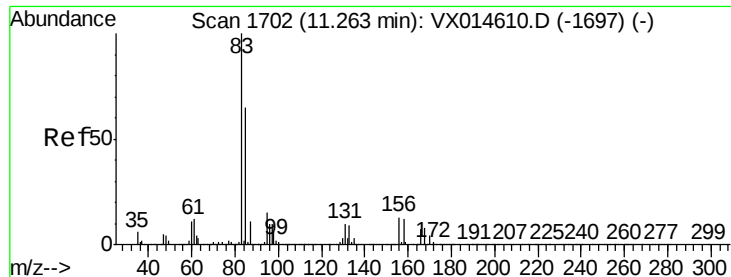
Tot Ion:104 Resp: 266523
Ion Ratio Lower Upper
104 100
78 49.2 38.9 58.3
103 54.2 44.2 66.2



#70
Isopropylbenzene
Concen: 20.521 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion:105 Resp: 425683
Ion Ratio Lower Upper
105 100
120 27.0 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.316 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

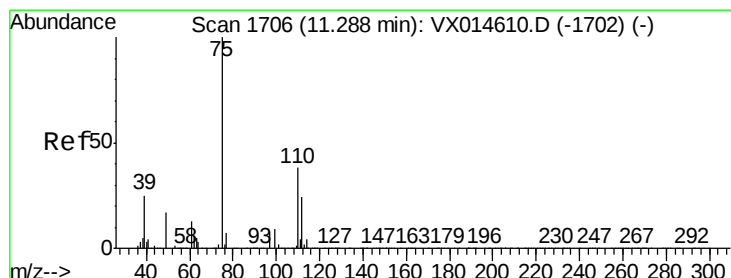
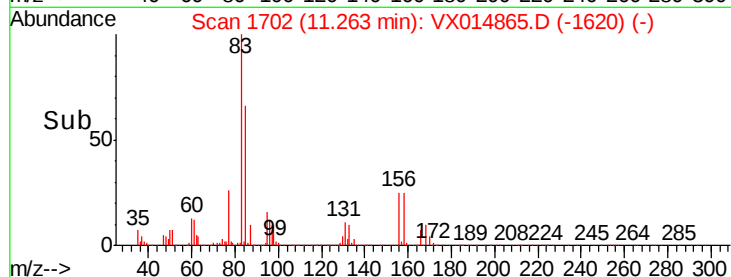
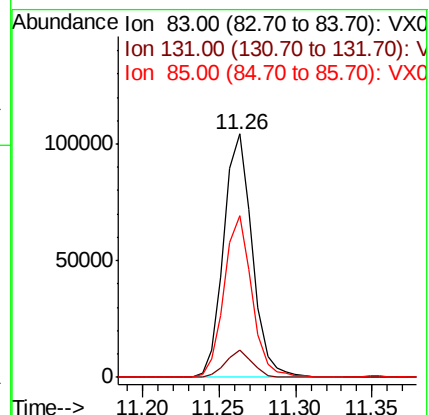
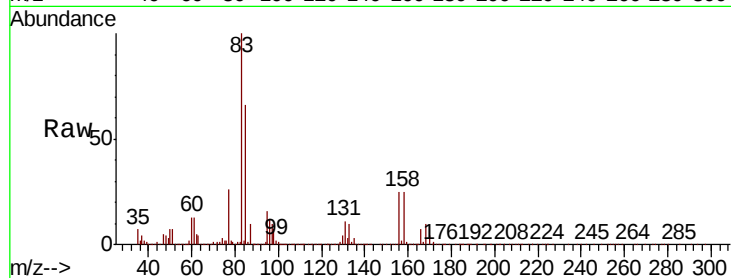
Tot Ion: 83 Resp: 134975

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.7

85 64.7 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 26.161 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014865.D

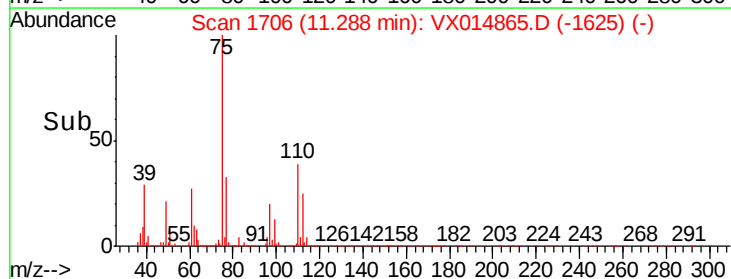
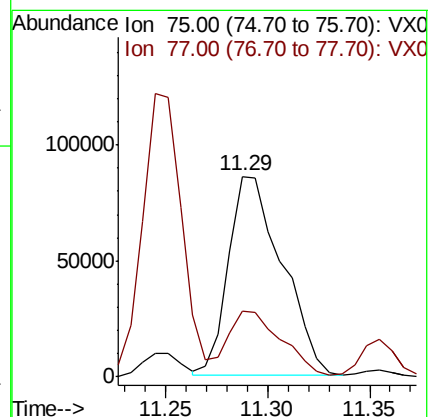
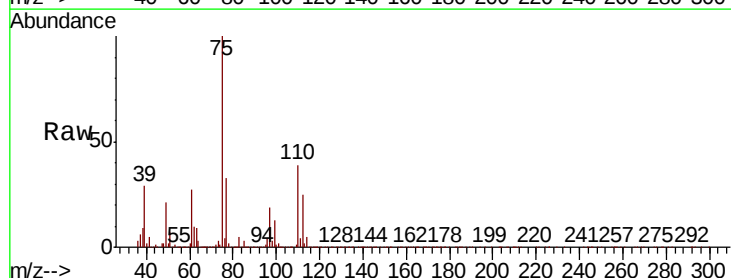
Acq: 07 Feb 2020 12:27

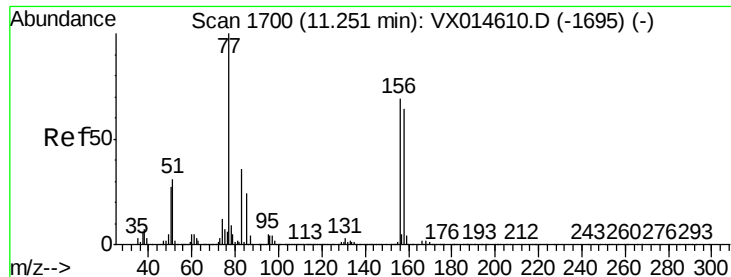
Tgt Ion: 75 Resp: 156368

Ion Ratio Lower Upper

75 100

77 31.7 0.0 68.4





#73

Bromobenzene

Concen: 21.089 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

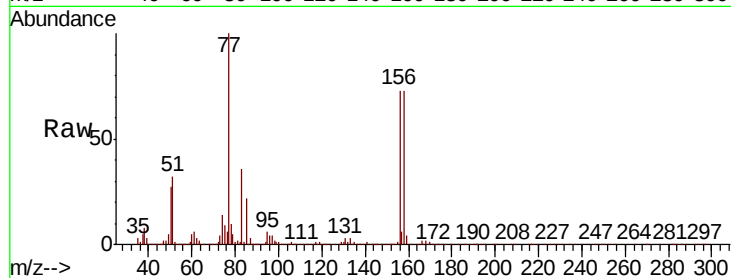
Tot Ion:156 Resp: 115967

Ion Ratio Lower Upper

156 100

77 140.3 0.0 304.6

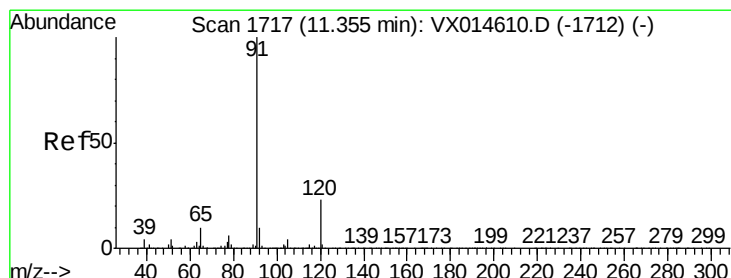
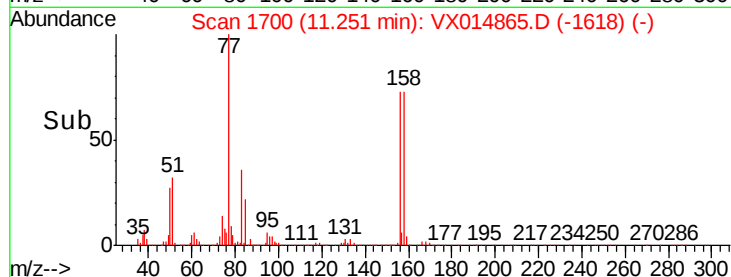
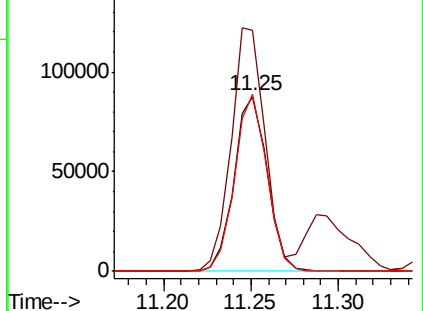
158 98.2 0.0 195.2



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: 20.390 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014865.D

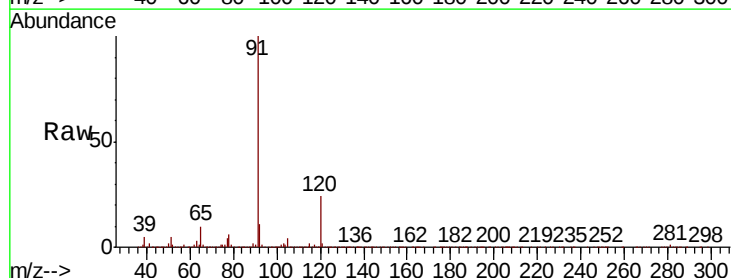
Acq: 07 Feb 2020 12:27

Tgt Ion: 91 Resp: 483326

Ion Ratio Lower Upper

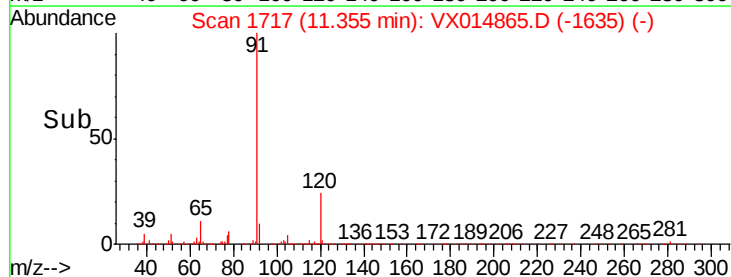
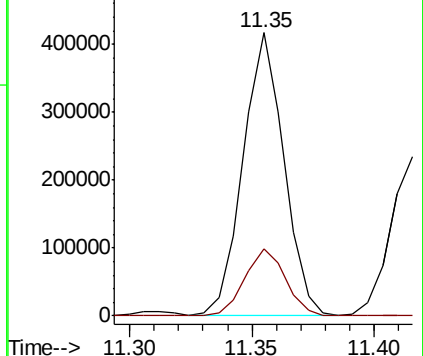
91 100

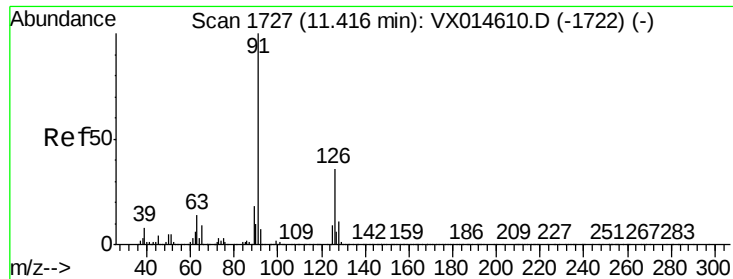
120 23.6 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.315 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

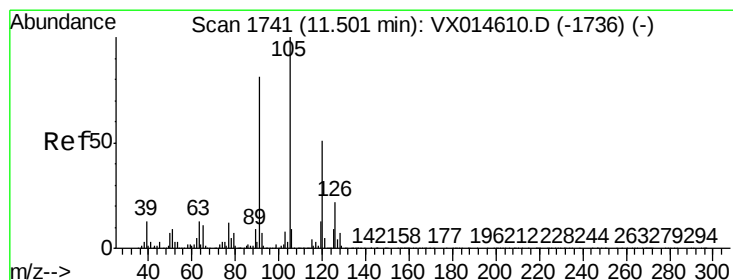
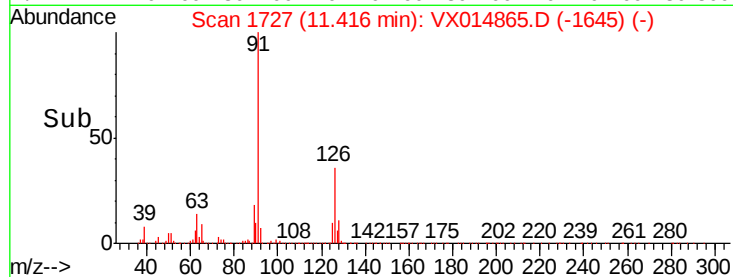
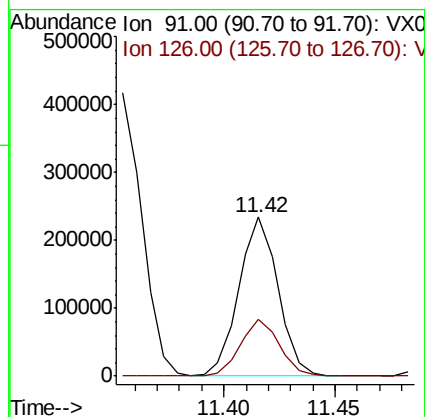
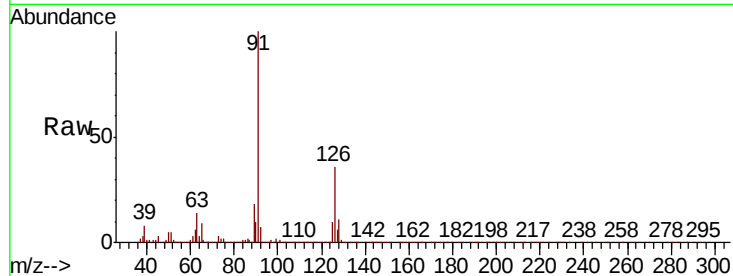
ClientSampled :

Tot Ion: 91 Resp: 288608

Ion Ratio Lower Upper

91 100

126 35.4 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 20.536 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014865.D

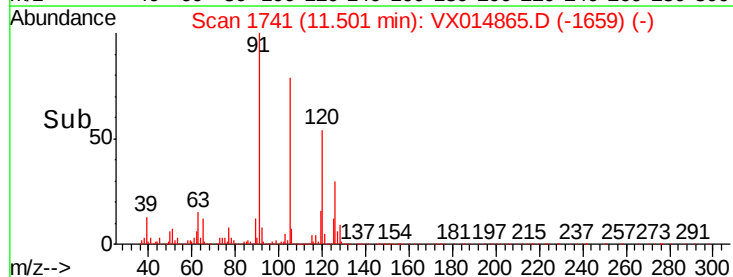
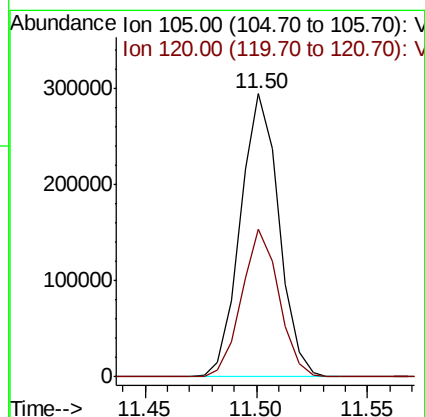
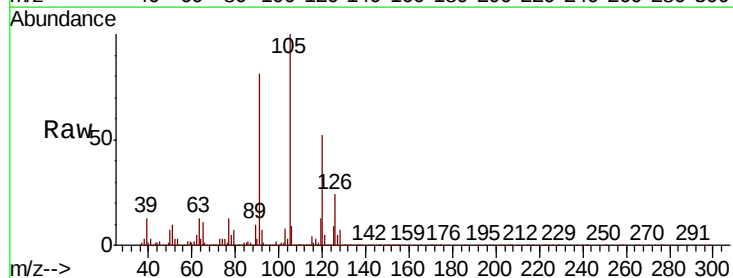
Acq: 07 Feb 2020 12:27

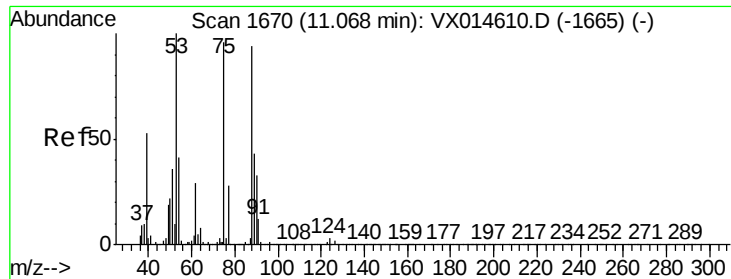
Tgt Ion: 105 Resp: 354971

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.128 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

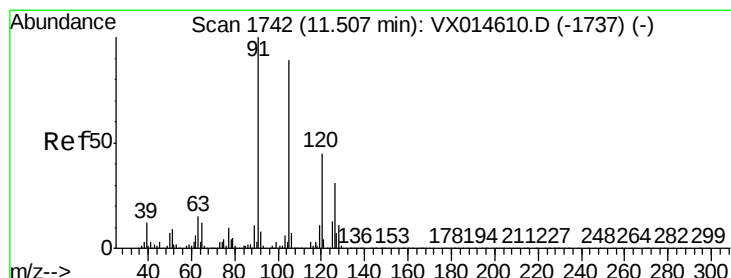
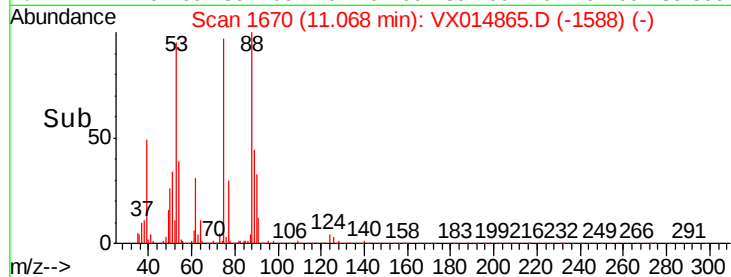
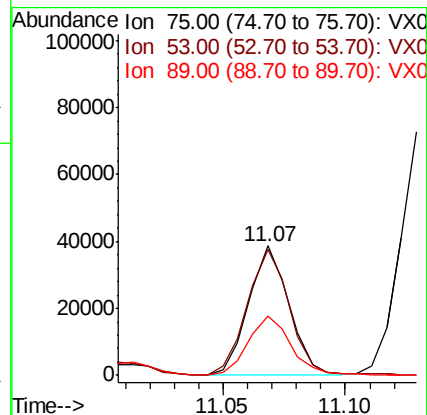
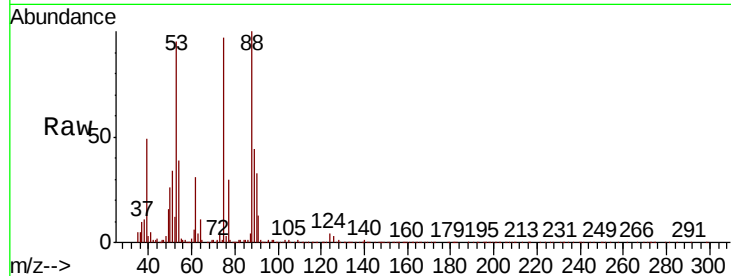
Tot Ion: 75 Resp: 44002

Ion Ratio Lower Upper

75 100

53 98.5 54.4 163.1

89 45.3 21.9 65.5



#78

4-Chlorotoluene

Concen: 20.543 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014865.D

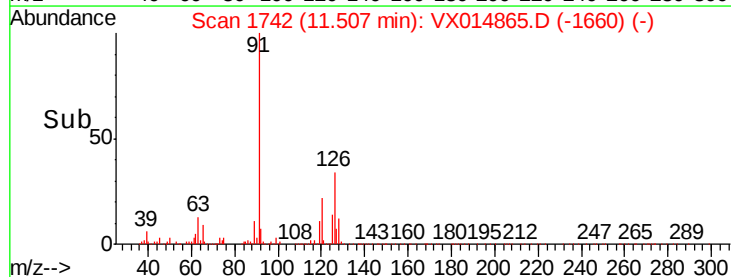
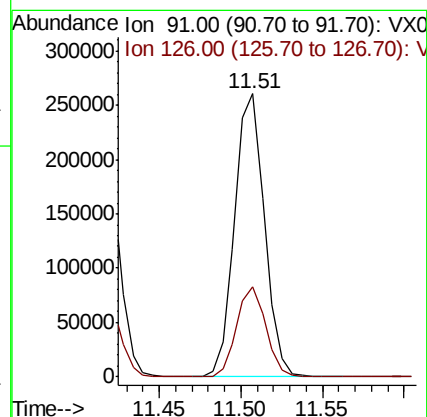
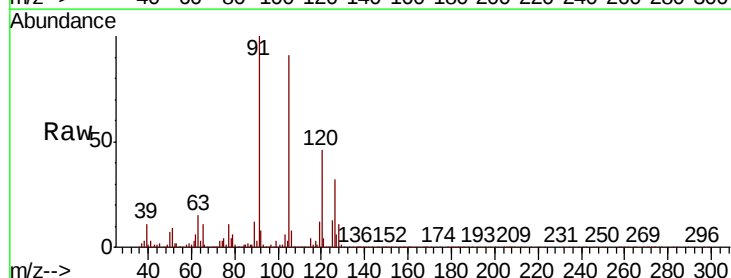
Acq: 07 Feb 2020 12:27

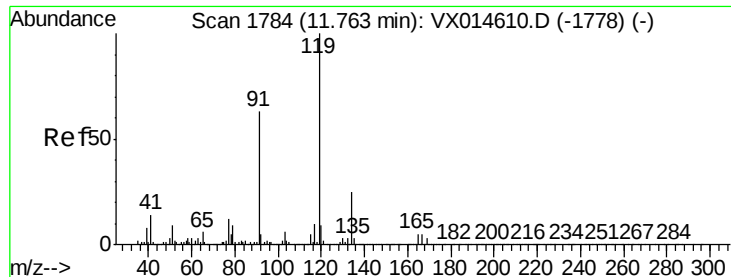
Tgt Ion: 91 Resp: 331435

Ion Ratio Lower Upper

91 100

126 31.3 0.0 59.6

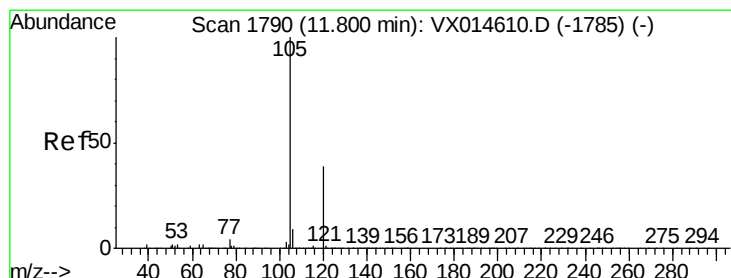
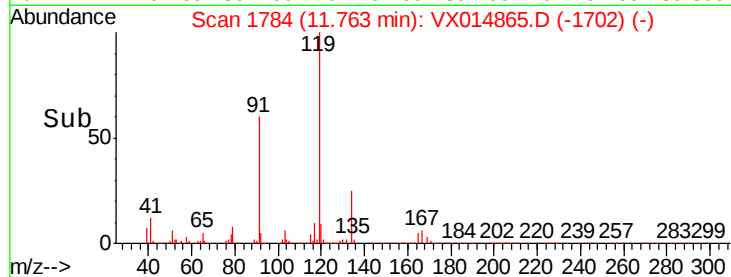
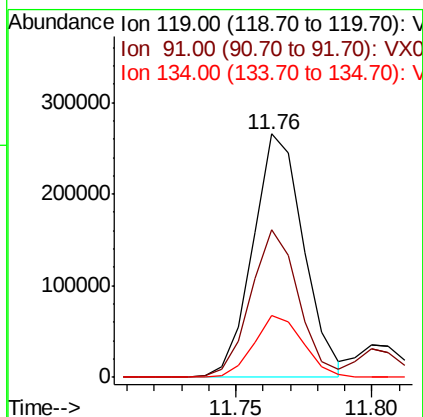
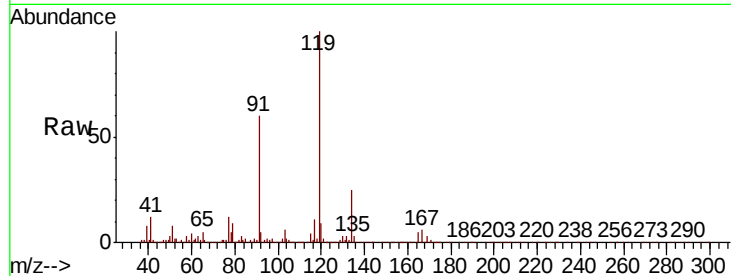




#79
tert-butylbenzene
Concen: 21.175 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

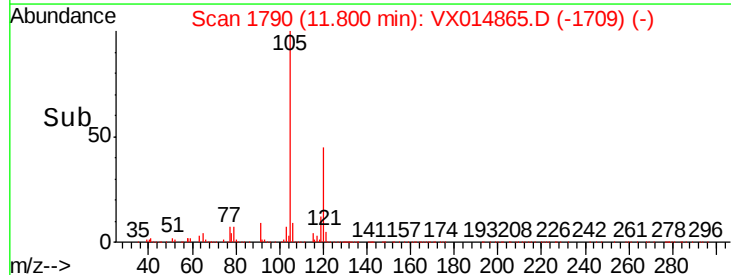
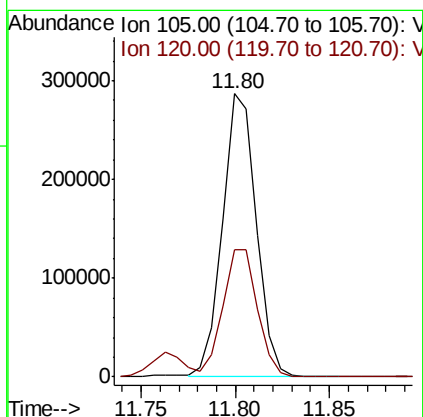
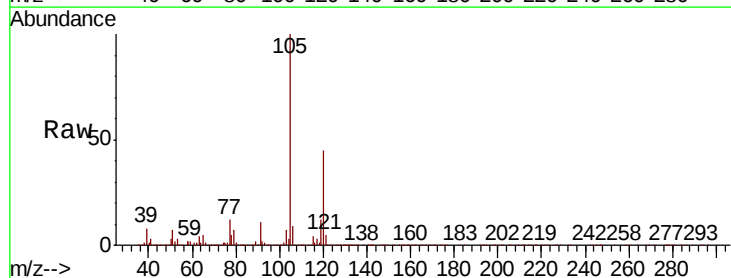
Instrument :
MSVOA_X
ClientSampleId :

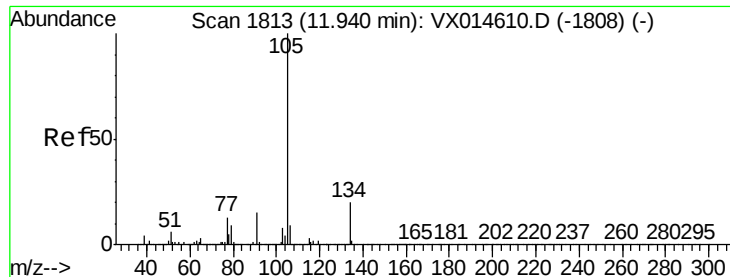
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	0.0	112.6
134	24.7	0.0	49.8



#80
1,2,4-Trimethylbenzene
Concen: 20.648 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	92.0

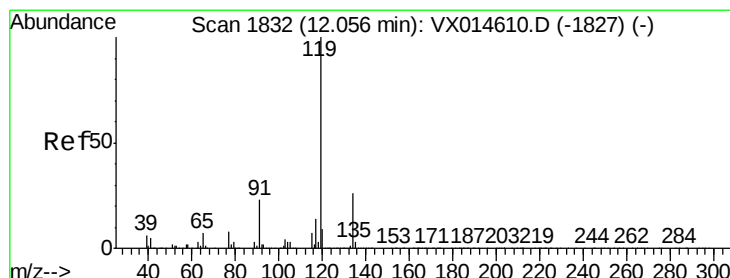
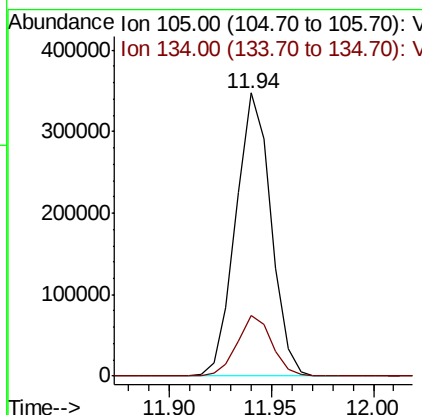
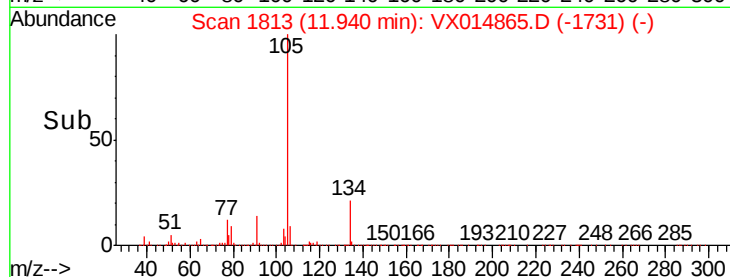
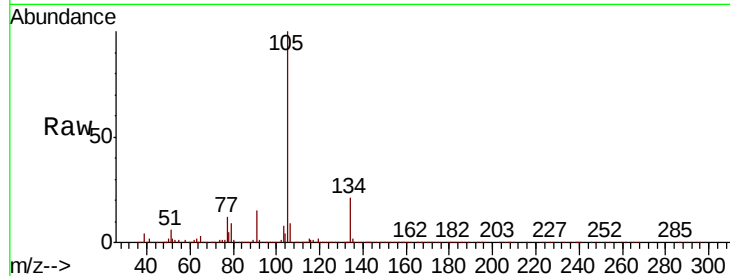




#81
 sec-Butylbenzene
 Concen: 20.792 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

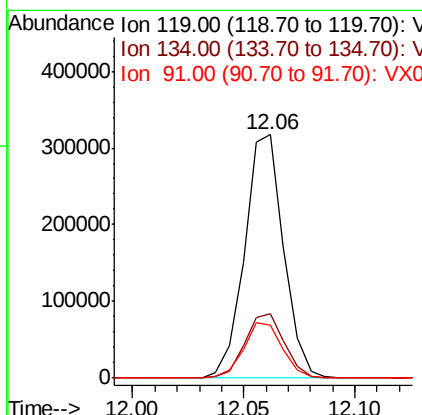
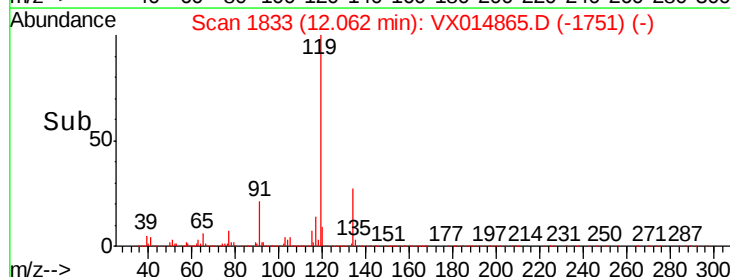
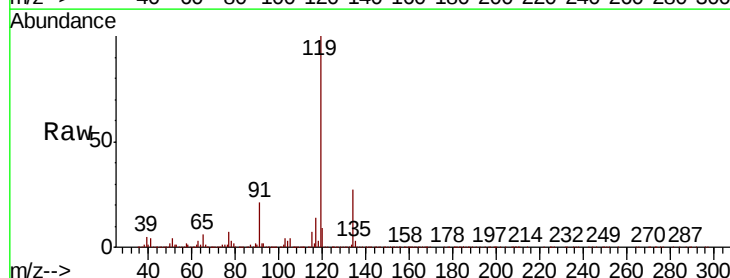
Instrument :
 MSVOA_X
 ClientSampleId :

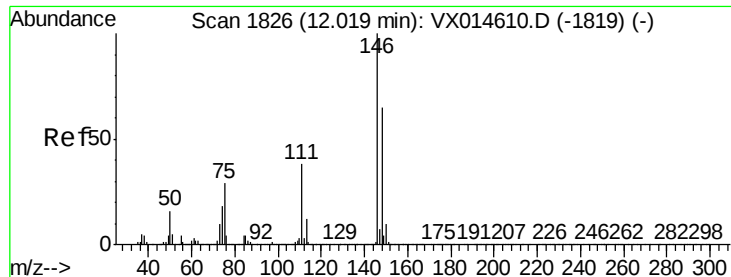
Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	0.0	40.2



#82
 p-Isopropyltoluene
 Concen: 21.077 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	53.8
91	22.4	0.0	45.0





#83

1,3-Dichlorobenzene

Concen: 21.194 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

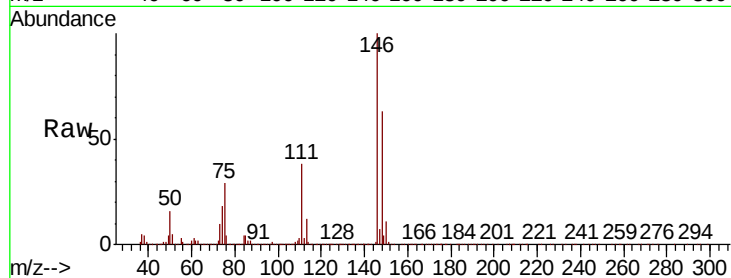
Tot Ion:146 Resp: 203500

Ion Ratio Lower Upper

146 100

111 37.1 19.3 57.9

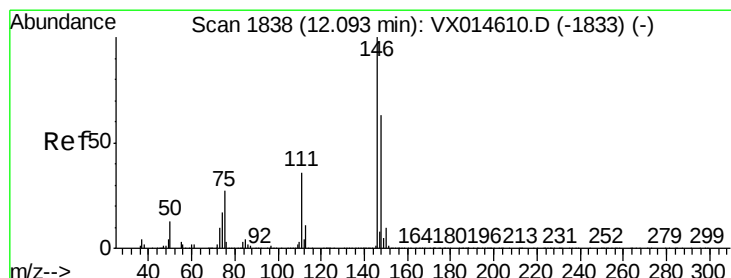
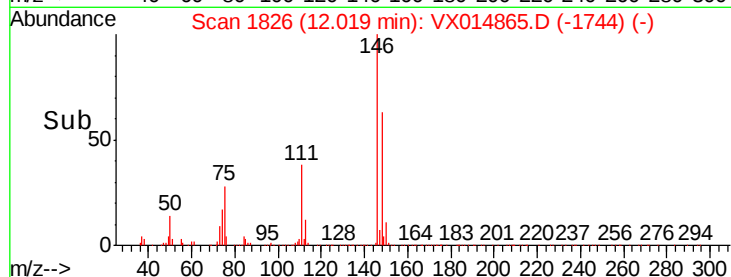
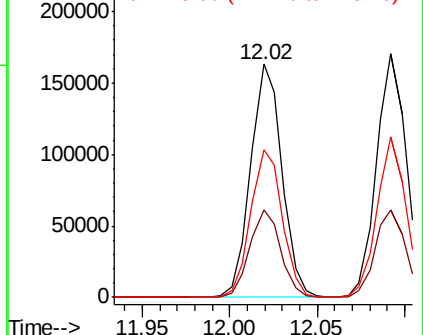
148 64.0 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 21.289 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

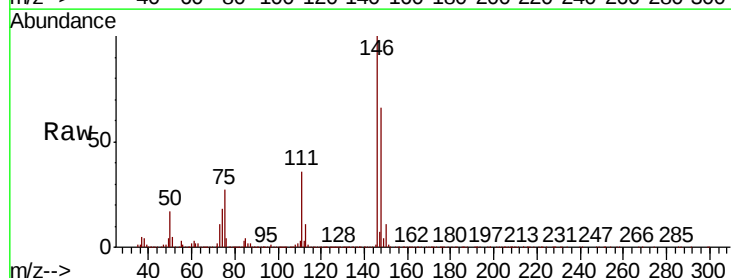
Tgt Ion:146 Resp: 202655

Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.4

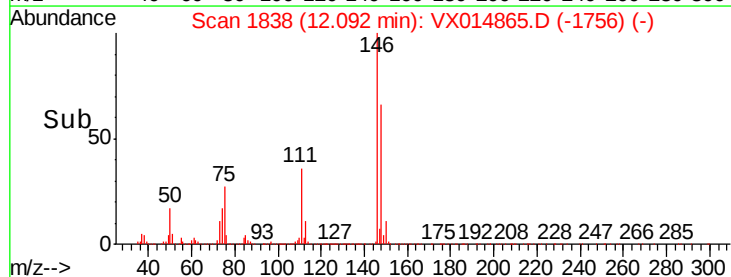
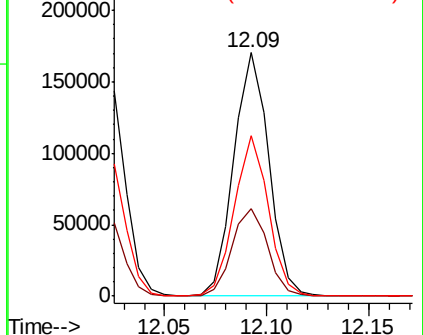
148 63.8 32.0 96.0

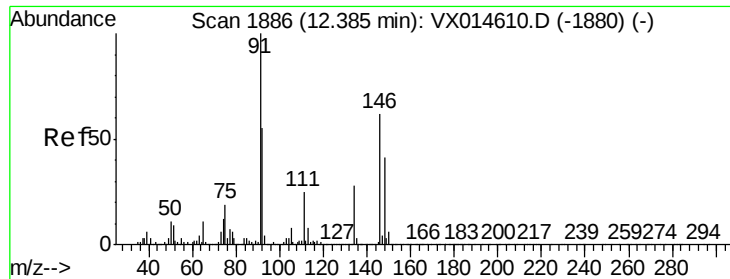


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 20.609 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014865.D

Acq: 07 Feb 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

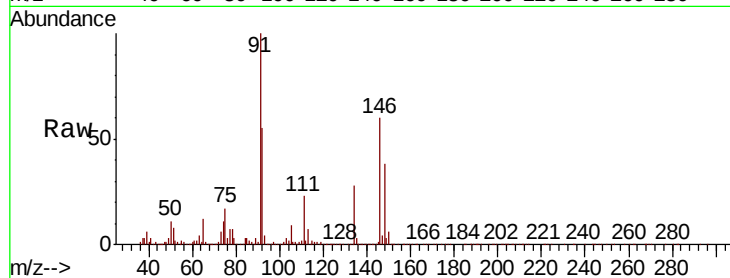
Tot Ion: 91 Resp: 329457

Ion Ratio Lower Upper

91 100

92 54.3 0.0 109.0

134 27.6 0.0 54.0

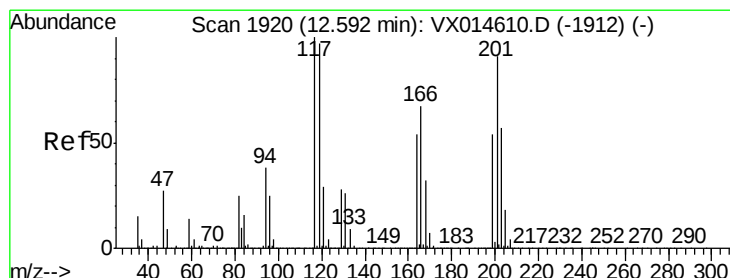
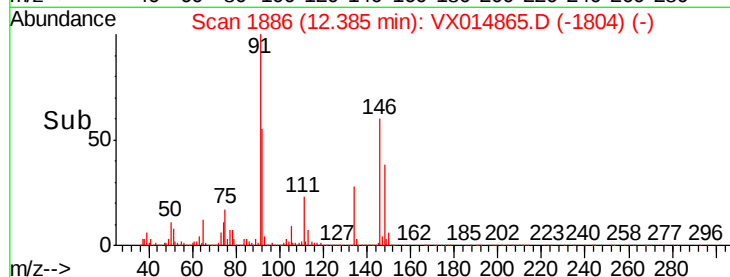


Abundance Ion 91.00 (90.70 to 91.70): VX014610.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX014610.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX014610.D (-1880) (-)

Time-->



#86

Hexachloroethane

Concen: 20.015 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014865.D

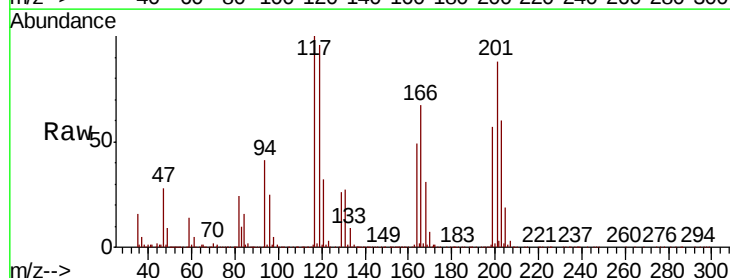
Acq: 07 Feb 2020 12:27

Tgt Ion: 117 Resp: 65576

Ion Ratio Lower Upper

117 100

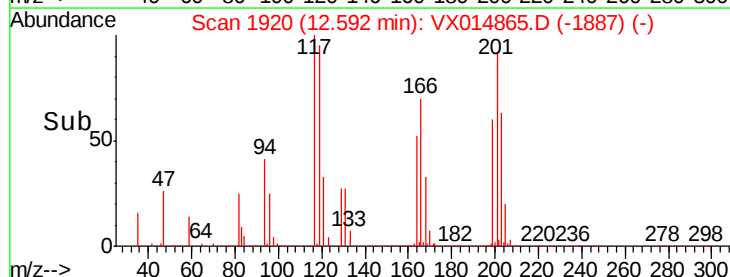
201 87.9 44.8 134.3

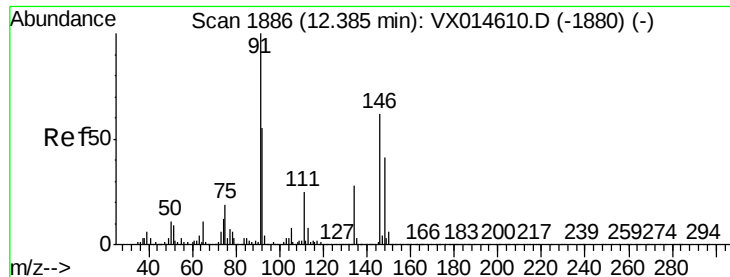


Abundance Ion 117.00 (116.70 to 117.70): VX014610.D (-1912) (-)

Ion 201.00 (200.70 to 201.70): VX014610.D (-1912) (-)

Time-->

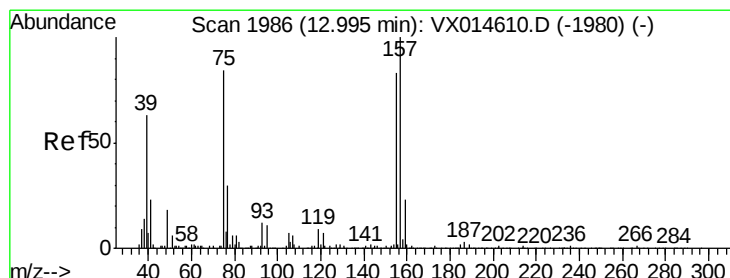
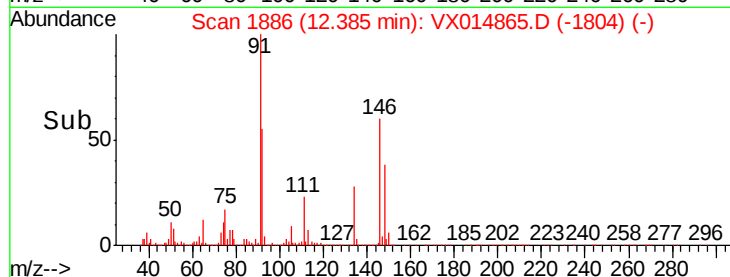
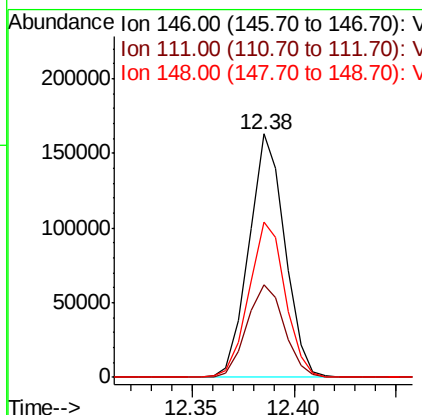
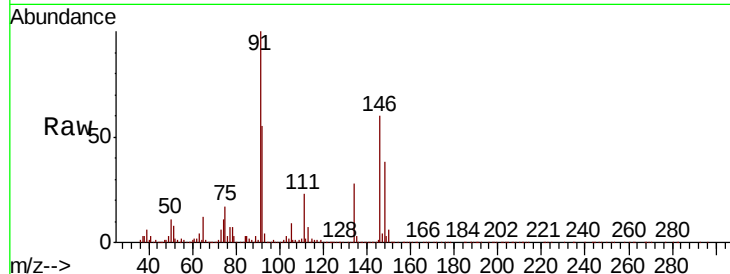




#87
 1,2-Dichlorobenzene
 Concen: 20.609 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

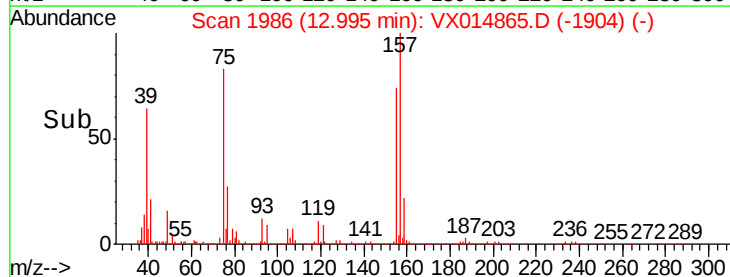
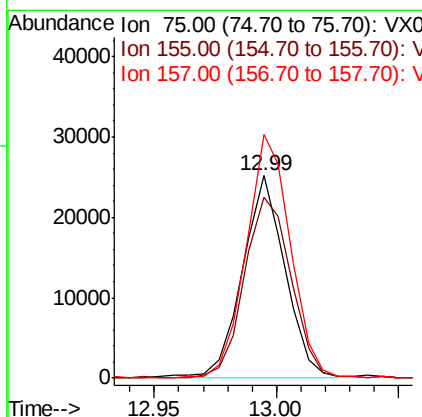
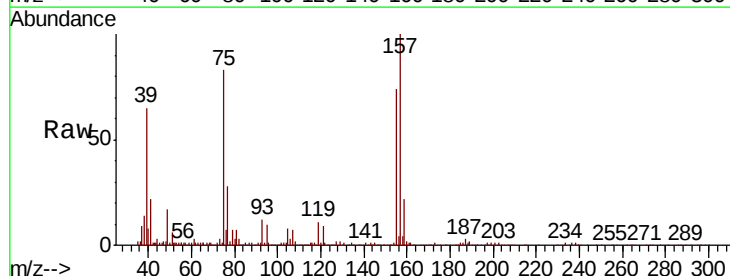
Instrument :
 MSVOA_X
 ClientSampleId :

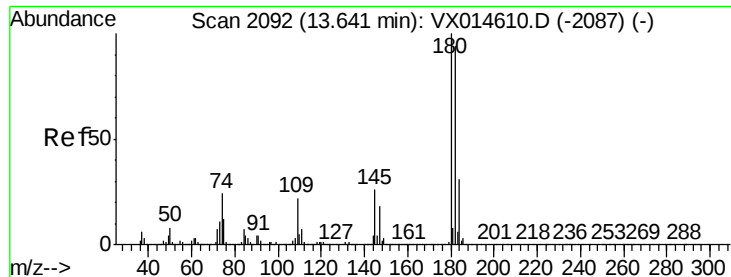
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.6	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.998 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	73.8	110.6
157	127.6	95.0	142.4

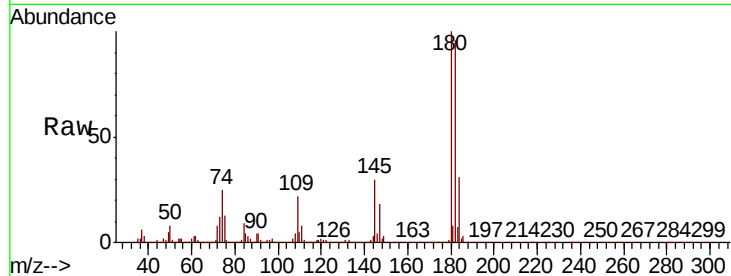




#89
 1,2,4-Trichlorobenzene
 Concen: 22.591 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	28.2	21.9	32.9

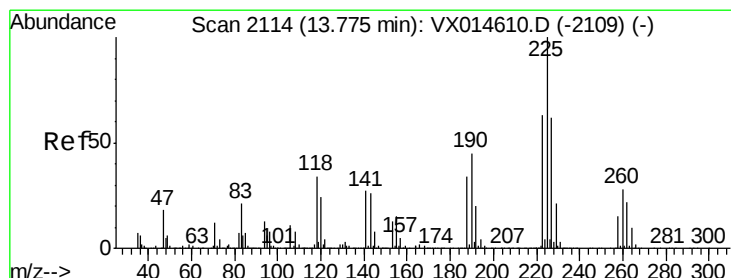
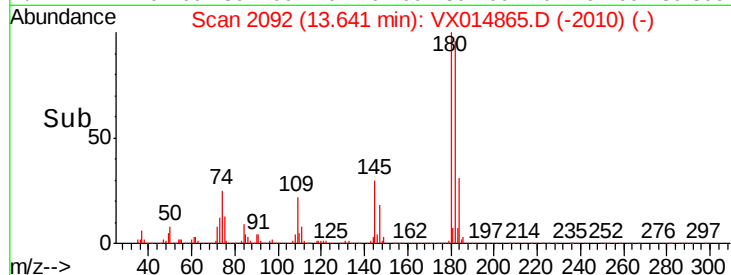
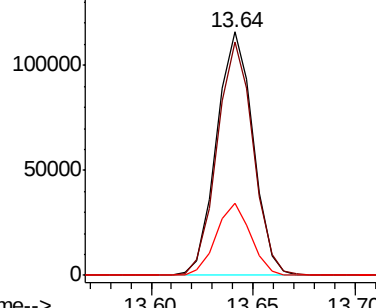


Abundance

Ion 180.00 (179.70 to 180.70): V

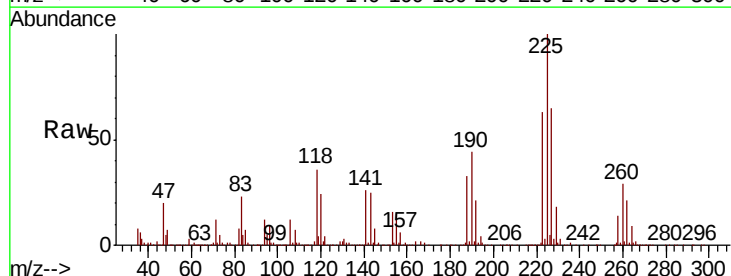
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 22.222 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014865.D
 Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	0.0	127.4
227	65.8	0.0	122.8

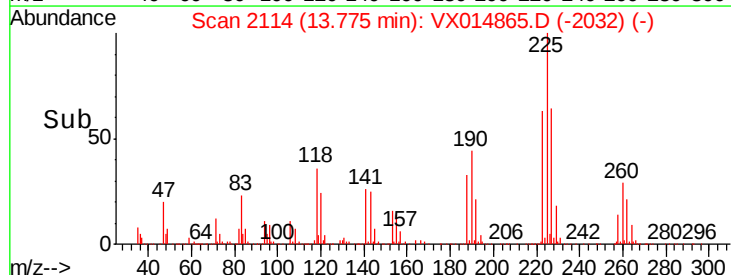
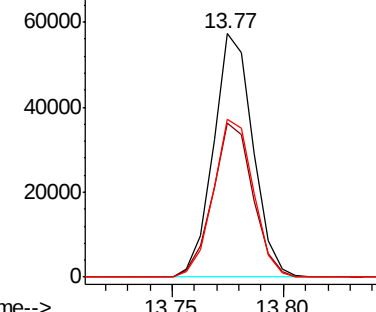


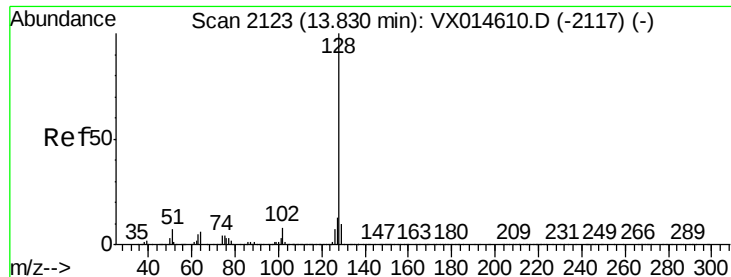
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

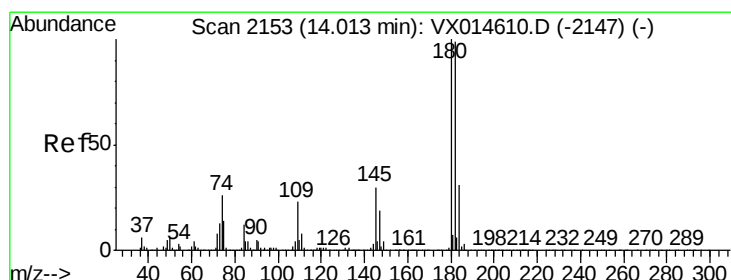
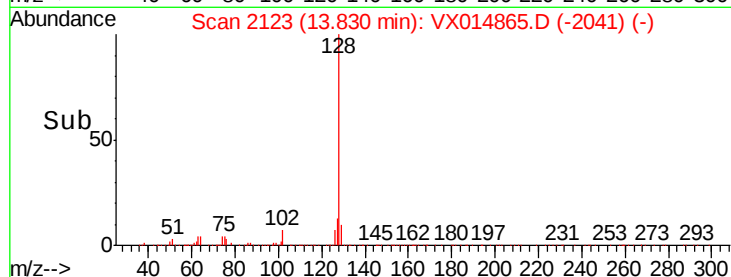
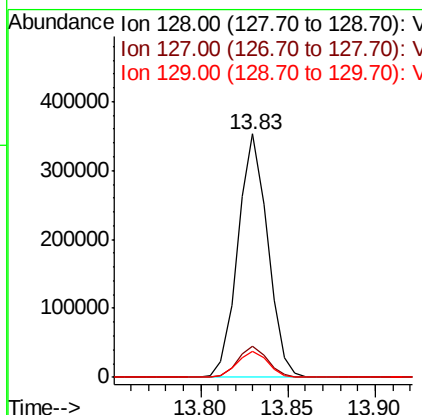
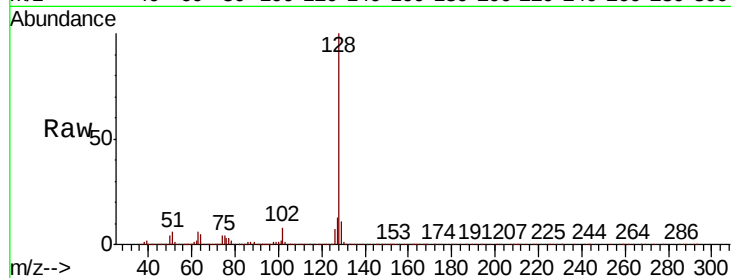




#91
Naphthalene
Concen: 21.646 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 21.604 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014865.D
Acq: 07 Feb 2020 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	192.8
145	30.6	0.0	60.0

