

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX012220\
 Data File : VX014686.D
 Acq On : 22 Jan 2020 12:57
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

Quant Time: Jan 22 13:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	475615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	708994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	640866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326858	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	261127	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.48	113	214365	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.71	98	839843	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	297425	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	317508	49.74	ug/l	100
3) Chloromethane	1.32	50	339494	52.76	ug/l	99
4) Vinyl Chloride	1.40	62	360566	51.83	ug/l	100
5) Bromomethane	1.63	94	218782	46.30	ug/l	99
6) Chloroethane	1.72	64	190614	47.83	ug/l	99
7) Trichlorofluoromethane	1.92	101	391503	48.33	ug/l	99
8) Diethyl Ether	2.18	74	167864	47.48	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	232651	48.92	ug/l	98
10) Methyl Iodide	2.50	142	281464	45.11	ug/l	100
11) Tert butyl alcohol	3.02	59	269247	215.93	ug/l	99
12) 1,1-Dichloroethene	2.37	96	232138	49.10	ug/l	99
13) Acrolein	2.28	56	221508	225.30	ug/l	100
14) Allyl chloride	2.72	41	416010	48.95	ug/l	99
15) Acrylonitrile	3.12	53	682097	236.42	ug/l	100
16) Acetone	2.43	43	681532	223.91	ug/l	99
17) Carbon Disulfide	2.56	76	644957	49.91	ug/l	100
18) Methyl Acetate	2.76	43	411149	47.32	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	762863	49.26	ug/l	100
20) Methylene Chloride	2.84	84	258878	45.96	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	248010	47.64	ug/l	97
22) Diisopropyl ether	3.84	45	824417	48.76	ug/l	97
23) Vinyl Acetate	3.80	43	3302431	256.23	ug/l	98
24) 1,1-Dichloroethane	3.69	63	443207	48.27	ug/l	98
25) 2-Butanone	4.65	43	1008836	231.32	ug/l	99
26) 2,2-Dichloropropane	4.57	77	368236	50.10	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	280074	48.07	ug/l	100
28) Bromochloromethane	5.00	49	172544	42.76	ug/l	100
29) Tetrahydrofuran	5.11	42	623052	240.70	ug/l	99
30) Chloroform	5.20	83	430262	47.30	ug/l	100
31) Cyclohexane	5.57	56	432552	50.08	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	373836	48.62	ug/l	98
36) 1,1-Dichloropropene	5.79	75	336347	51.05	ug/l	99
37) Ethyl Acetate	4.81	43	377822	50.07	ug/l	100
38) Carbon Tetrachloride	5.77	117	321848	51.15	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	438122	53.09	ug/l	96
40) Benzene	6.13	78	1011058	49.67	ug/l	98
41) Methacrylonitrile	5.02	41	206535	47.97	ug/l	98
42) 1,2-Dichloroethane	6.18	62	346540	49.30	ug/l	100
43) Isopropyl Acetate	6.43	43	617416	49.97	ug/l	100
44) Trichloroethene	7.20	130	276889	48.16	ug/l	96
45) 1,2-Dichloropropane	7.50	63	263088	50.17	ug/l	100
46) Dibromomethane	7.65	93	167731	49.39	ug/l	98
47) Bromodichloromethane	7.89	83	340964	51.19	ug/l	99
48) Methyl methacrylate	7.76	41	305522	51.75	ug/l	99
49) 1,4-Dioxane	7.73	88	110822	885.56	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1909460	244.85	ug/l	100
52) Toluene	8.78	92	644781	51.53	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	381374	53.17	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	424031	53.74	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	253410	49.47	ug/l	98
56) Ethyl methacrylate	9.17	69	408491	47.14	ug/l	100
57) 1,3-Dichloropropane	9.36	76	431454	49.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	678248	263.26	ug/l	99
59) 2-Hexanone	9.48	43	1484454	245.30	ug/l	99
60) Dibromochloromethane	9.57	129	274262	51.29	ug/l	100
61) 1,2-Dibromoethane	9.67	107	268568	49.58	ug/l	99
64) Tetrachloroethene	9.33	164	285545	45.01	ug/l	98
65) Chlorobenzene	10.13	112	676884	49.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	253704	50.20	ug/l	99
67) Ethyl Benzene	10.25	91	1216526	51.98	ug/l	100
68) m/p-Xylenes	10.35	106	923782	104.18	ug/l	100
69) o-Xylene	10.70	106	442854	51.73	ug/l	100
70) Styrene	10.71	104	765952	53.34	ug/l	100
71) Bromoform	10.85	173	209175	52.04	ug/l	# 100
73) Isopropylbenzene	11.01	105	1192729	51.90	ug/l	100
74) N-amyl acetate	10.89	43	539191	53.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	385816	47.02	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	456426	60.02	ug/l	91
77) Bromobenzene	11.25	156	303550	49.16	ug/l	99
78) n-propylbenzene	11.35	91	1378548	52.84	ug/l	100
79) 2-Chlorotoluene	11.42	91	795504	50.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	998092	52.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139272	52.12	ug/l	97
82) 4-Chlorotoluene	11.51	91	930696	51.79	ug/l	99
83) tert-Butylbenzene	11.76	119	951541	53.09	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1008171	52.69	ug/l	98
85) sec-Butylbenzene	11.94	105	1173052	53.42	ug/l	100
86) p-Isopropyltoluene	12.06	119	1084067	53.42	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	545908	49.20	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	547745	49.28	ug/l	100
89) n-Butylbenzene	12.39	91	961563	54.41	ug/l	100
90) Hexachloroethane	12.59	117	194104	51.50	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	549163	49.83	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85229	48.34	ug/l	99

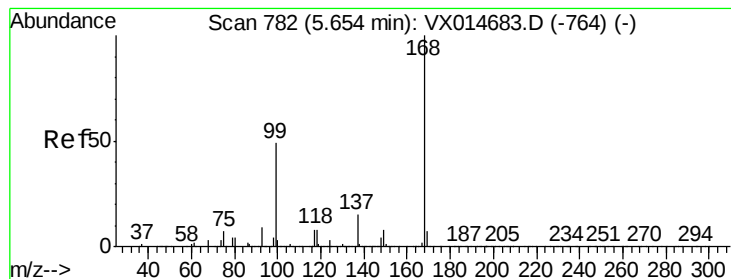
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012220\
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	378268	53.24	ug/l	99
94) Hexachlorobutadiene	13.78	225	188554	51.56	ug/l	98
95) Naphthalene	13.83	128	1121936	48.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	373098	51.93	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

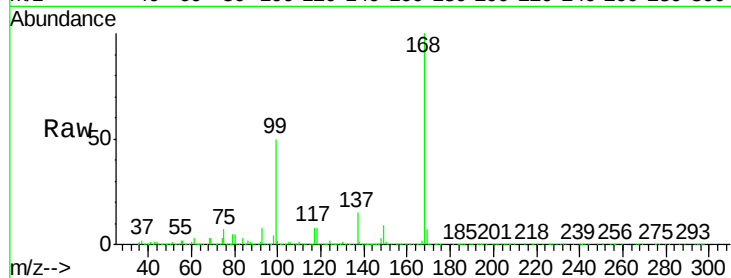
ICVVX012220

Tgt Ion:168 Resp: 475615

Ion Ratio Lower Upper

168 100

99 50.0 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

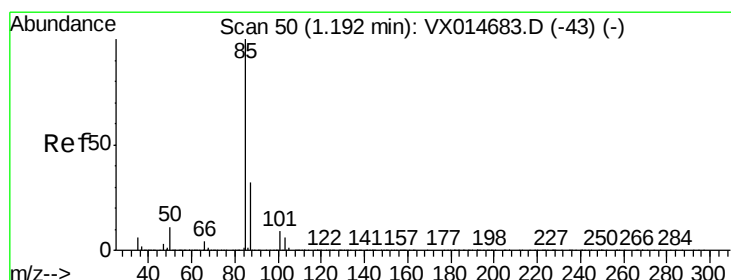
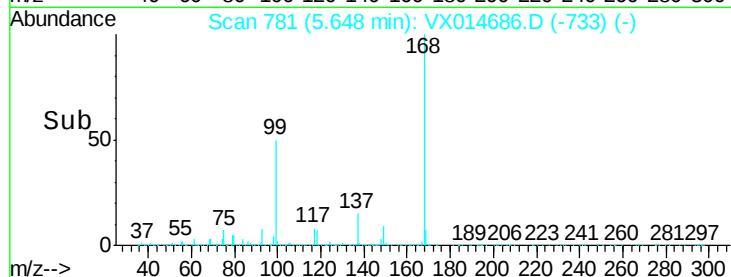
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.74 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014686.D

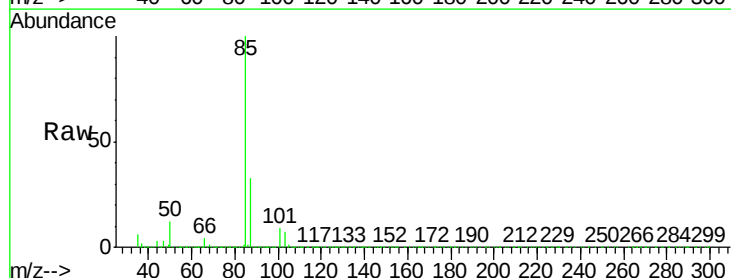
Acq: 22 Jan 2020 12:57

Tgt Ion: 85 Resp: 317508

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

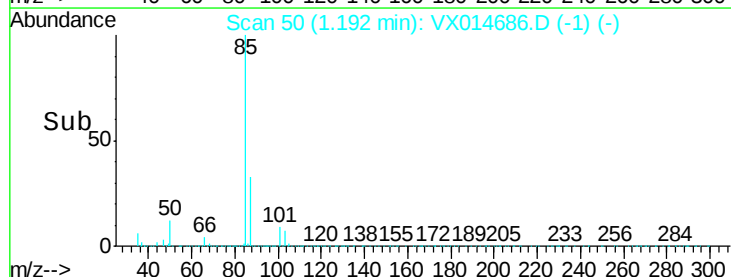
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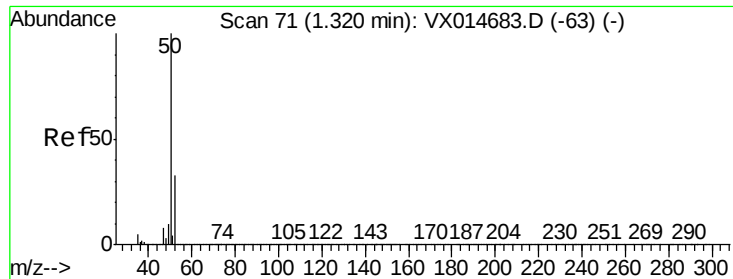
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Time-->

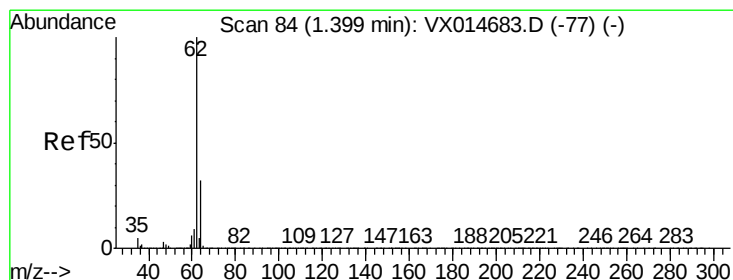
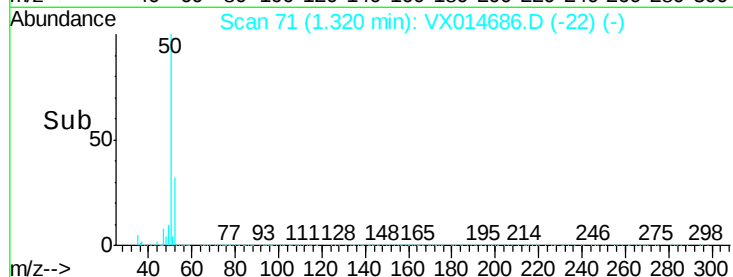
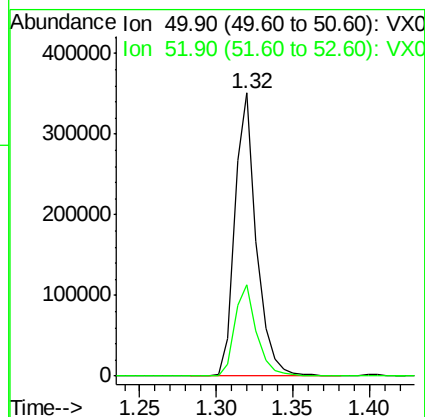
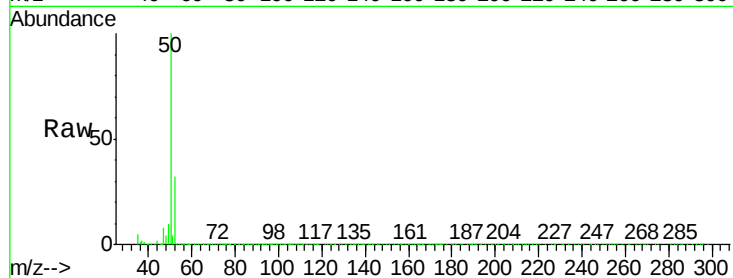




#3
Chloromethane
Concen: 52.76 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

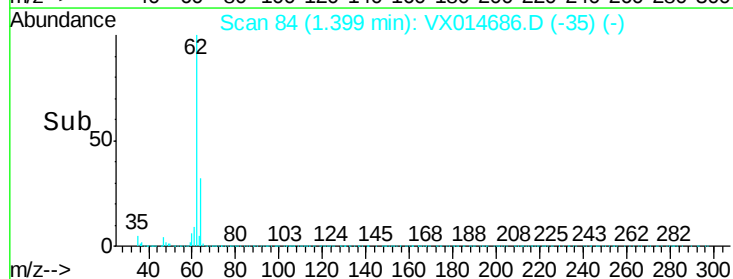
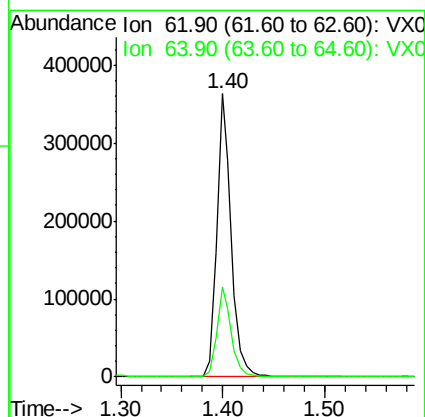
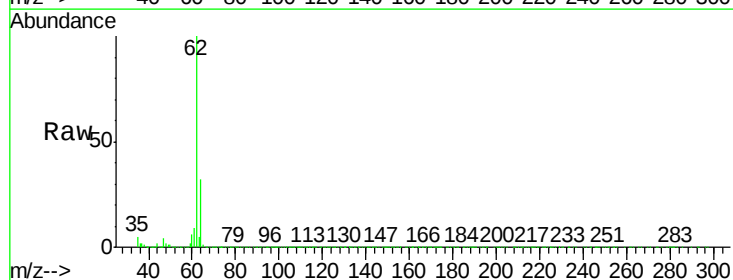
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

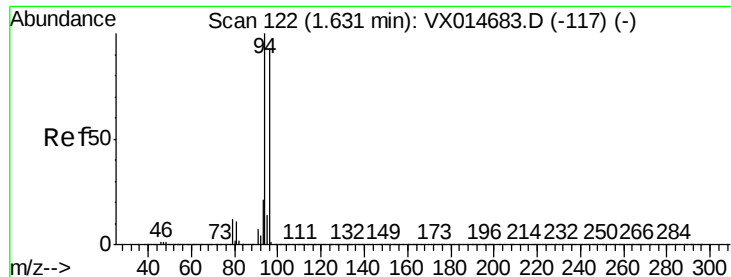
Tgt Ion: 50 Resp: 339494
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2



#4
Vinyl Chloride
Concen: 51.83 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 62 Resp: 360566
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5

Bromomethane

Concen: 46.30 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

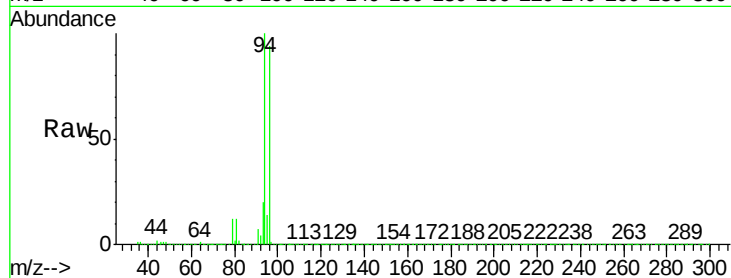
ICVVX012220

Tgt Ion: 94 Resp: 218782

Ion Ratio Lower Upper

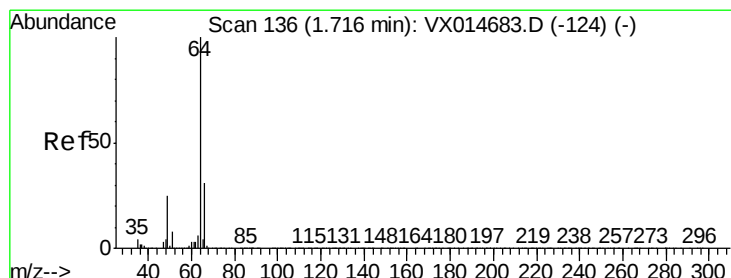
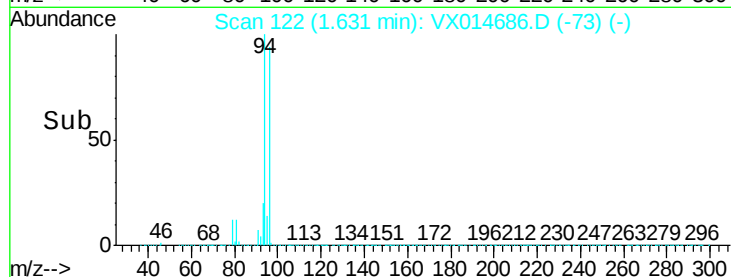
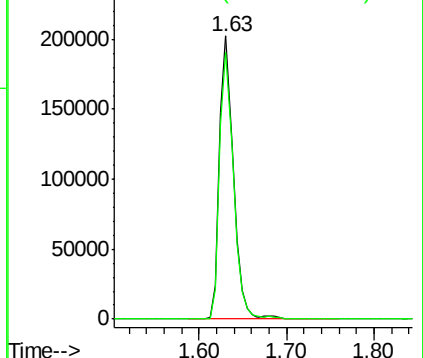
94 100

96 94.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.83 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014686.D

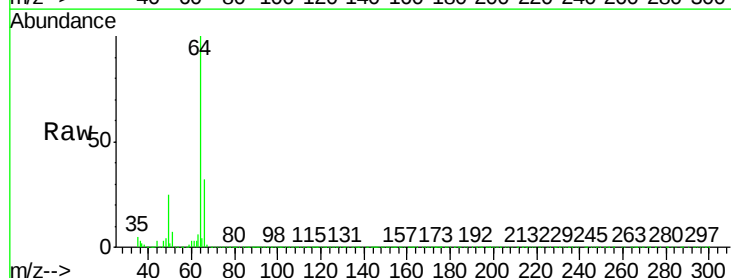
Acq: 22 Jan 2020 12:57

Tgt Ion: 64 Resp: 190614

Ion Ratio Lower Upper

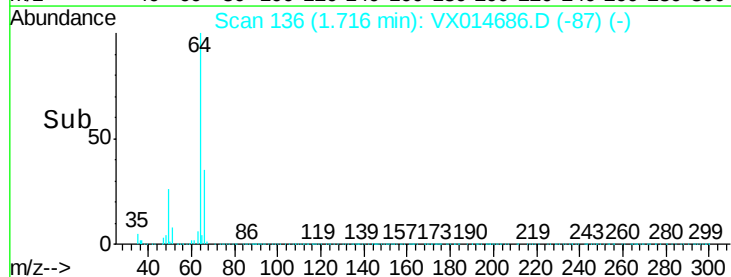
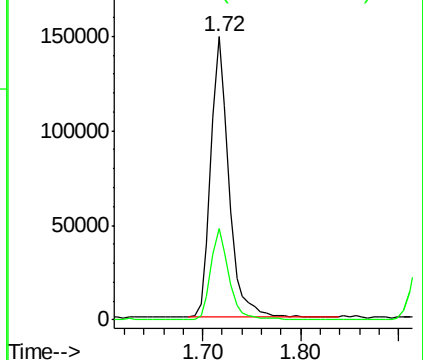
64 100

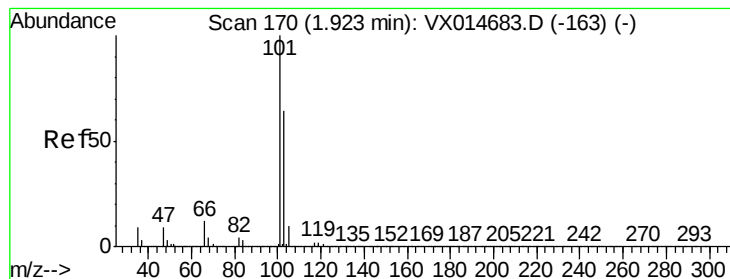
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



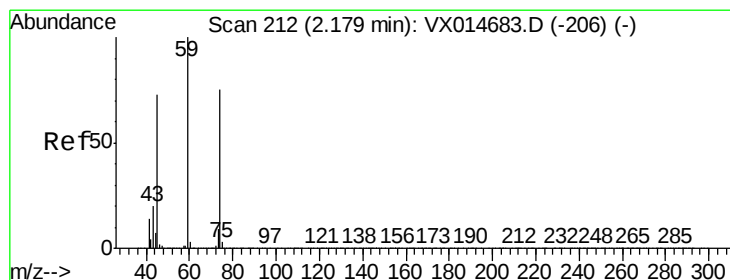
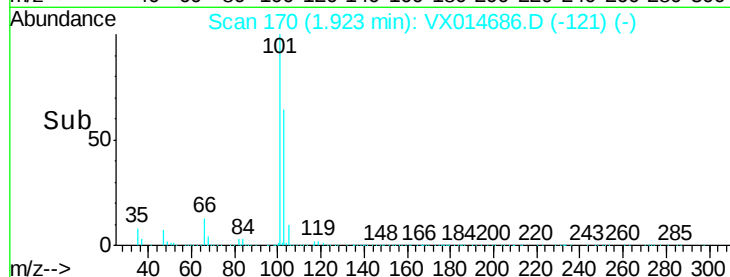
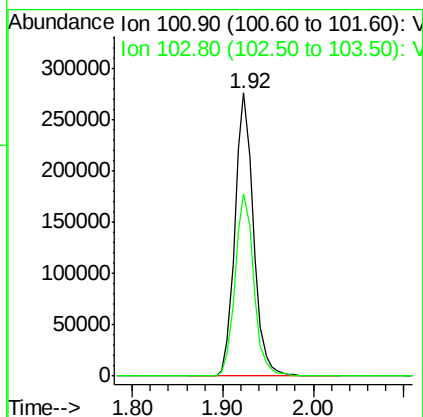
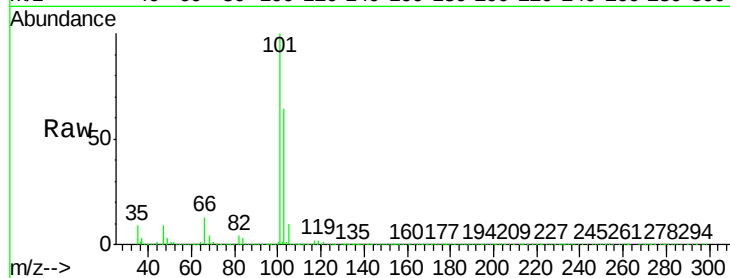


#7

Trichlorofluoromethane
 Concen: 48.33 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Instrument :
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 ClientSampleId :
 ICVVX012220

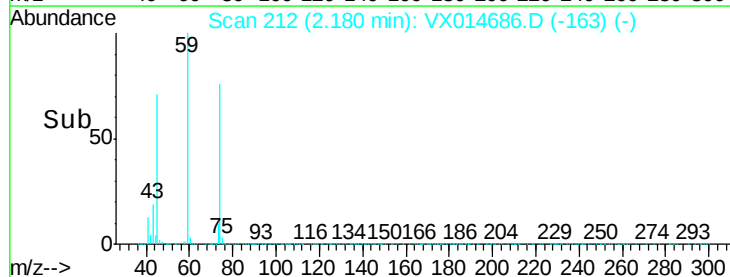
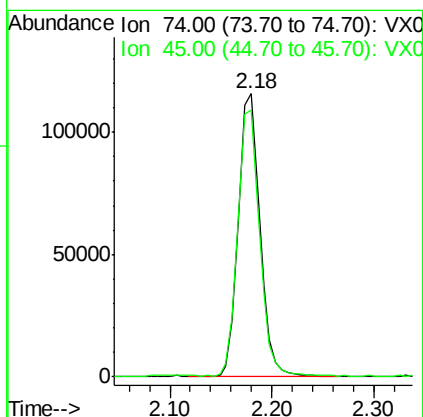
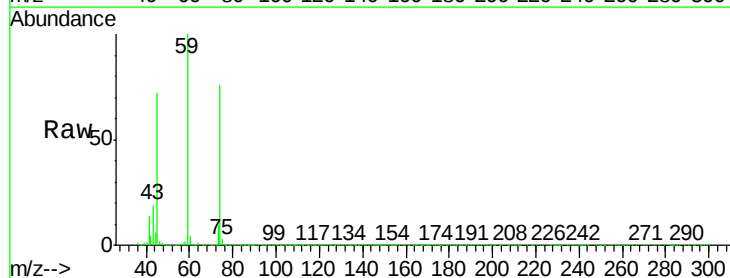
Tgt Ion:101 Resp: 391503
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.6

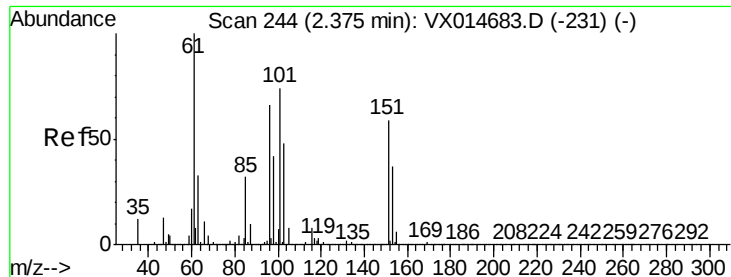


#8

Diethyl Ether
 Concen: 47.48 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion: 74 Resp: 167864
 Ion Ratio Lower Upper
 74 100
 45 96.8 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.92 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

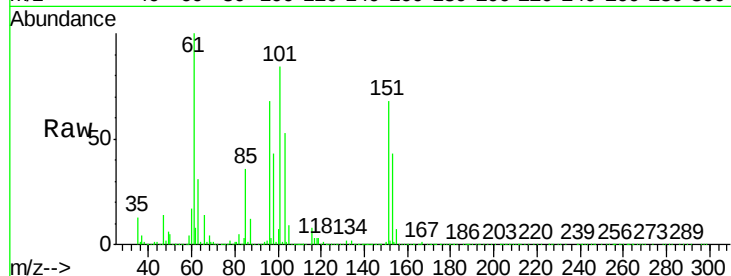
Tgt Ion:101 Resp: 232651

Ion Ratio Lower Upper

101 100

85 42.5 34.7 52.1

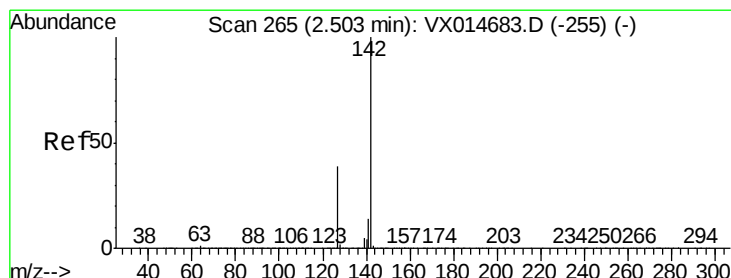
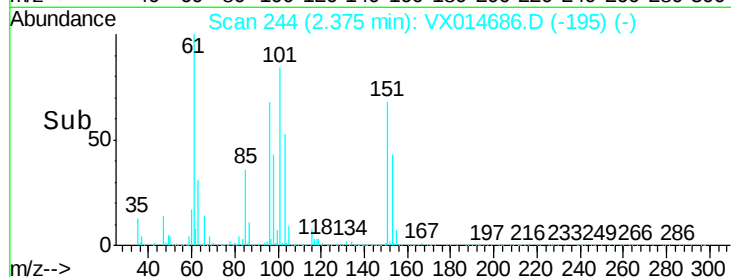
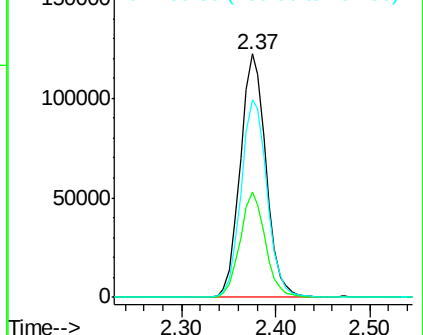
151 82.3 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.11 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

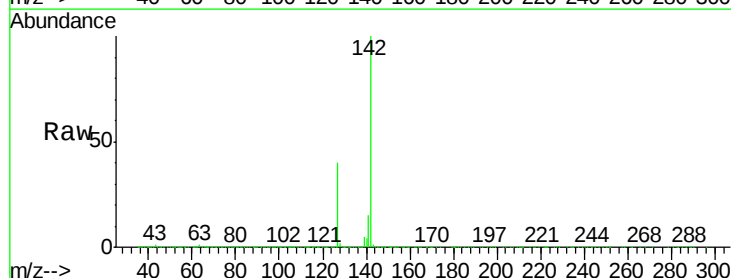
Tgt Ion:142 Resp: 281464

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

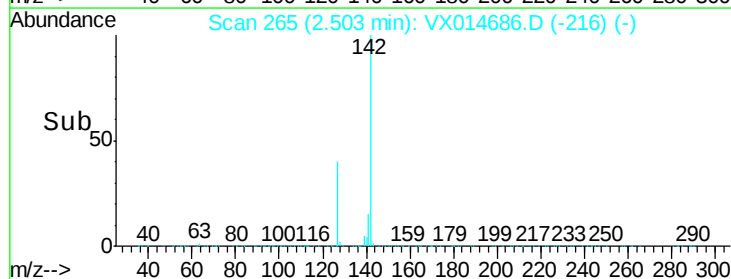
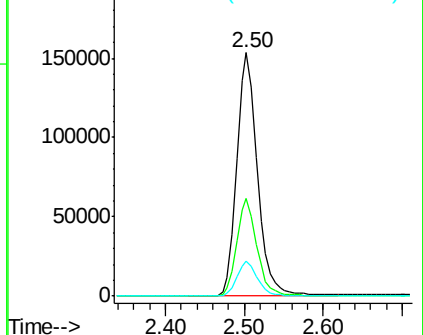
141 14.1 11.3 16.9

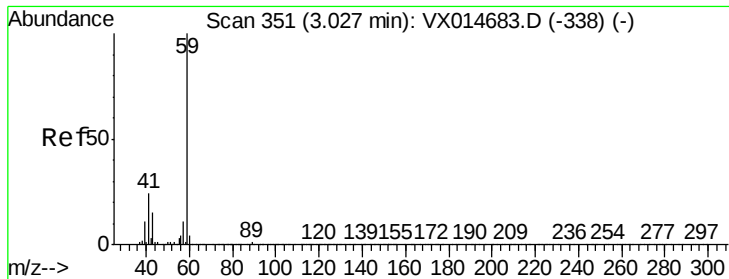


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

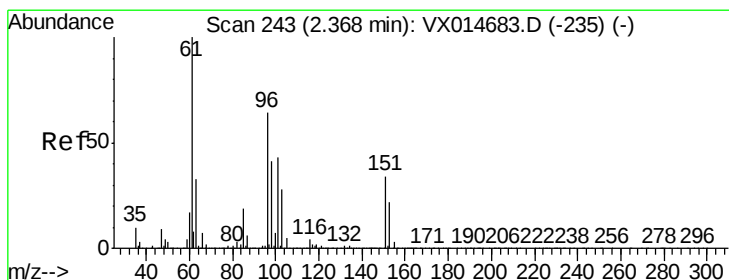
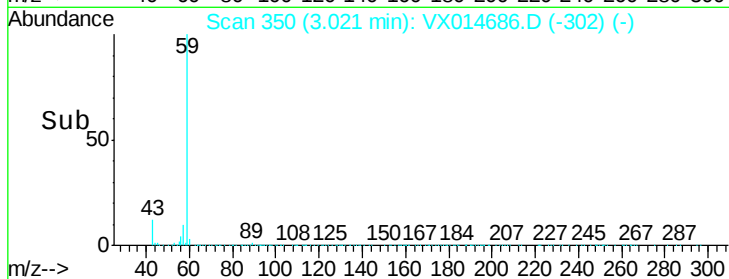
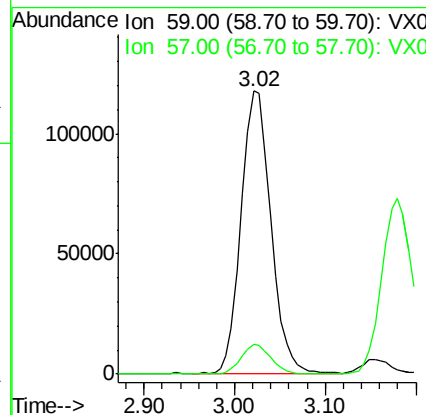
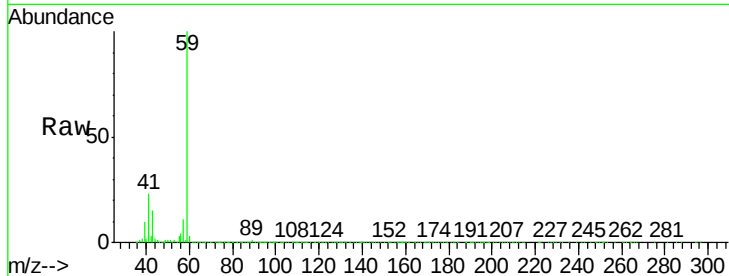




#11
Tert butyl alcohol
Concen: 215.93 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

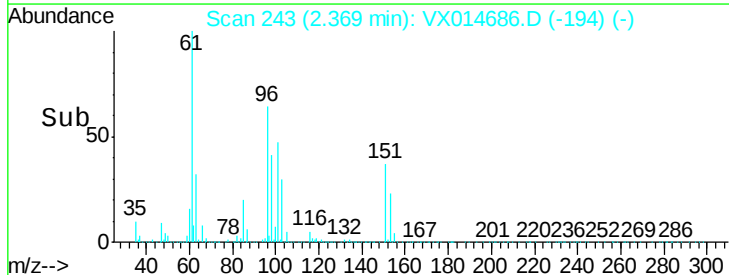
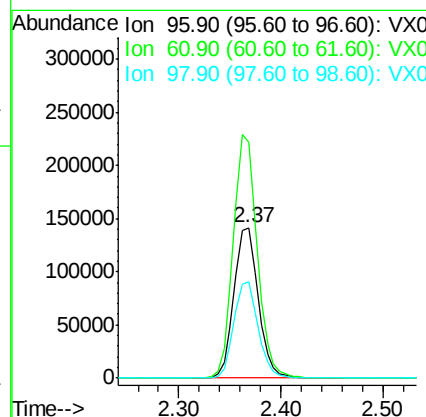
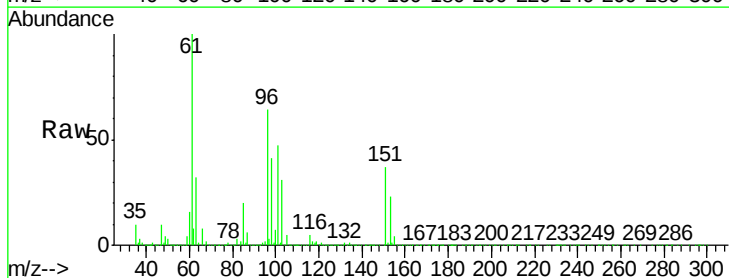
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

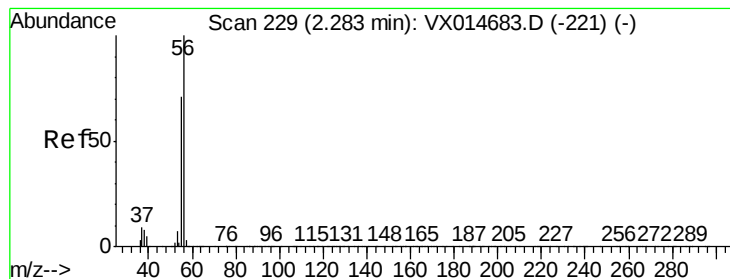
Tgt Ion: 59 Resp: 269247
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.10 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 96 Resp: 232138
Ion Ratio Lower Upper
96 100
61 156.7 125.8 188.8
98 63.6 51.5 77.3





#13

Acrolein

Concen: 225.30 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

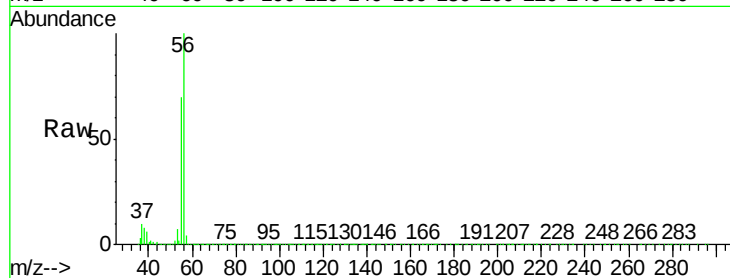
ICVVX012220

Tgt Ion: 56 Resp: 221508

Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150000

100000

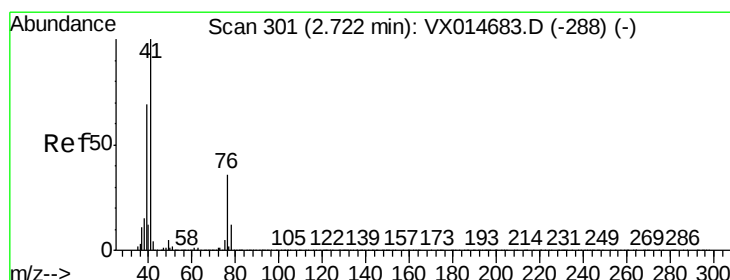
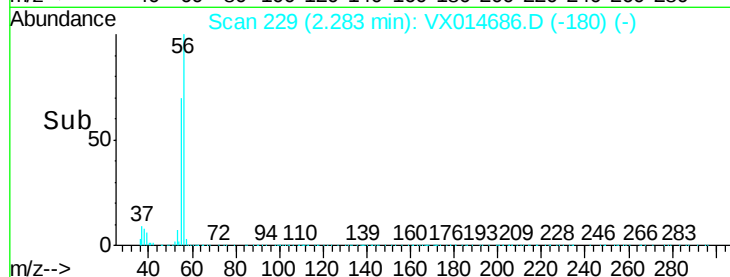
50000

0

Time-->

2.20 2.30 2.40

2.28



#14

Allyl chloride

Concen: 48.95 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

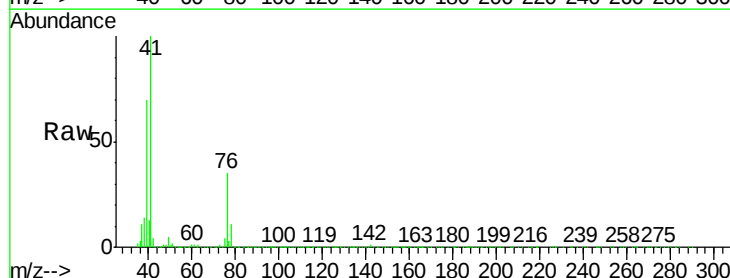
Tgt Ion: 41 Resp: 416010

Ion Ratio Lower Upper

41 100

39 66.0 52.0 78.0

76 32.9 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

300000

200000

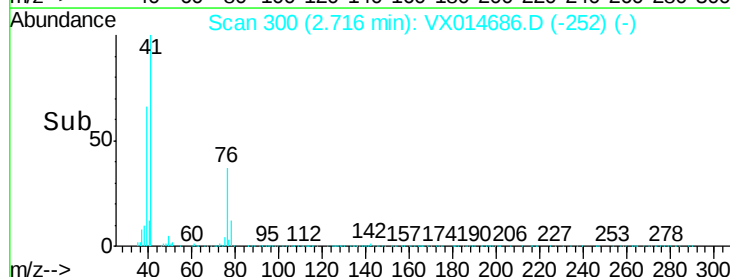
100000

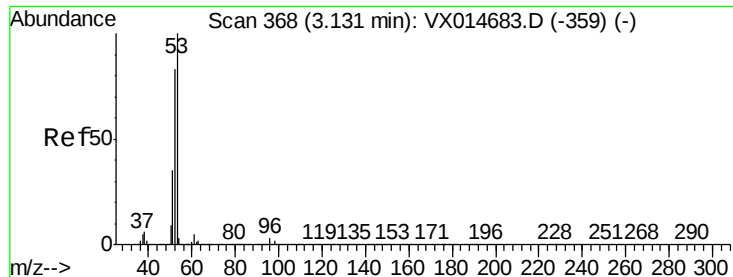
0

Time-->

2.60 2.70 2.80

2.72





#15

Acrylonitrile

Concen: 236.42 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

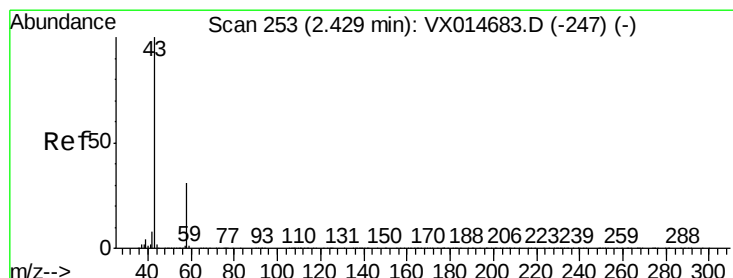
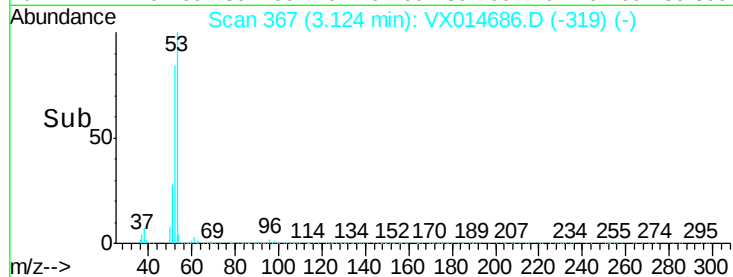
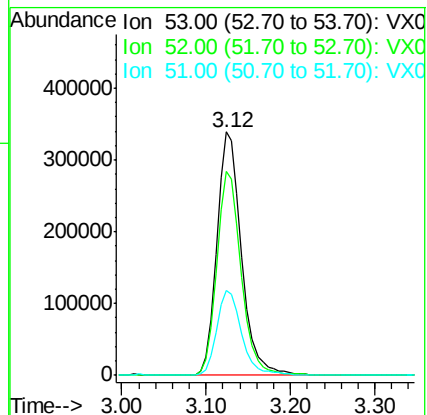
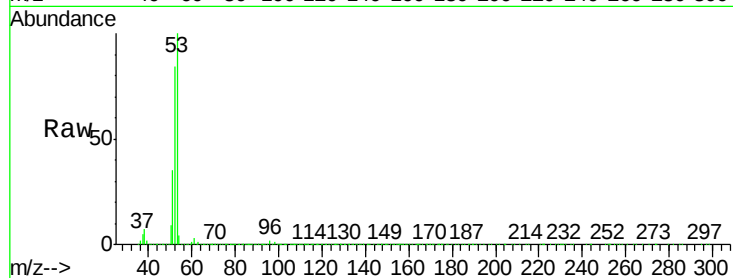
Tgt Ion: 53 Resp: 682097

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

51 35.7 28.7 43.1



#16

Acetone

Concen: 223.91 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014686.D

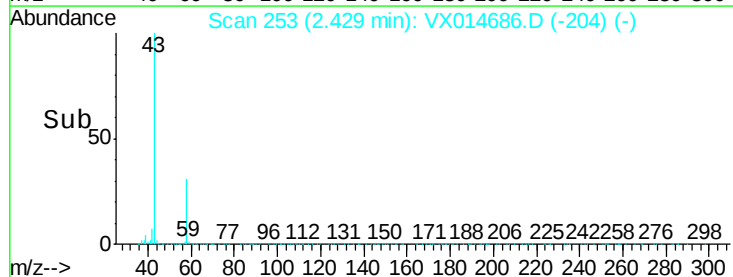
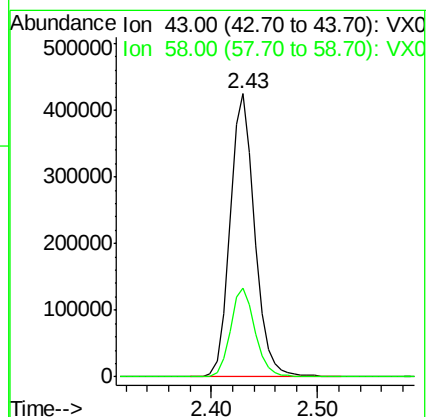
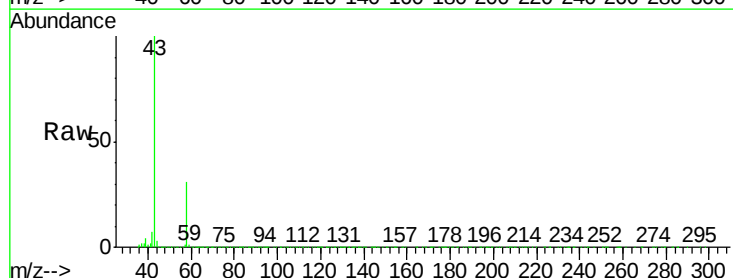
Acq: 22 Jan 2020 12:57

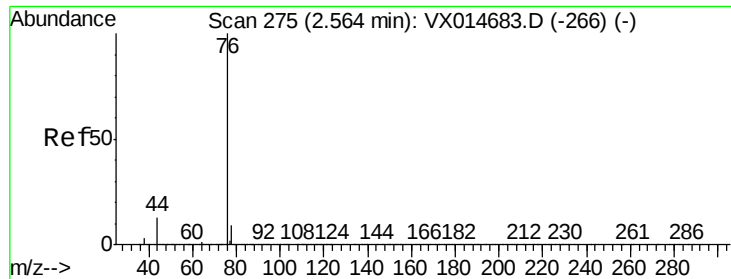
Tgt Ion: 43 Resp: 681532

Ion Ratio Lower Upper

43 100

58 31.2 24.5 36.7





#17

Carbon Disulfide

Concen: 49.91 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

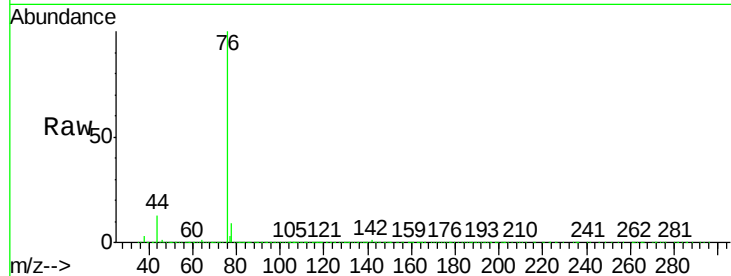
ICVVX012220

Tgt Ion: 76 Resp: 644957

Ion Ratio Lower Upper

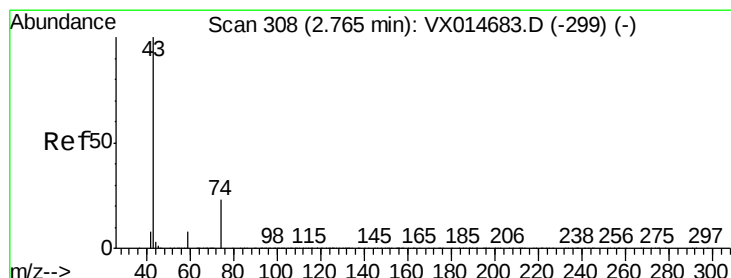
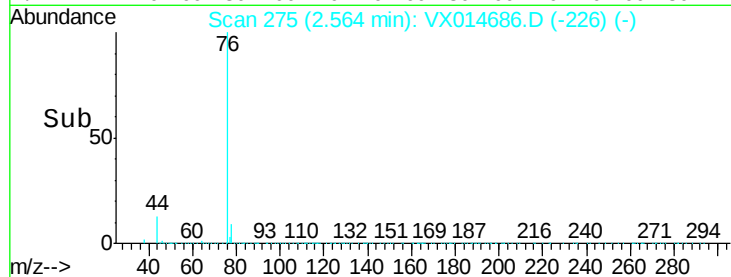
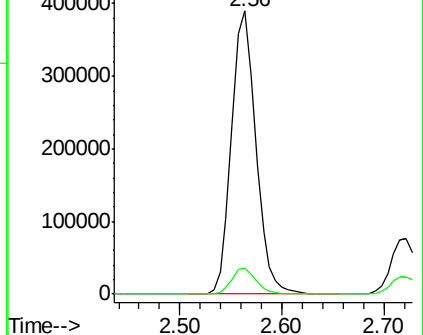
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.32 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014686.D

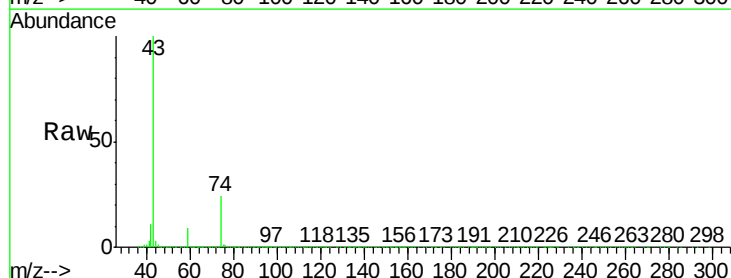
Acq: 22 Jan 2020 12:57

Tgt Ion: 43 Resp: 411149

Ion Ratio Lower Upper

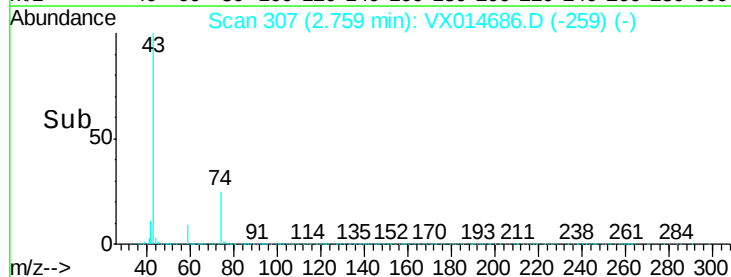
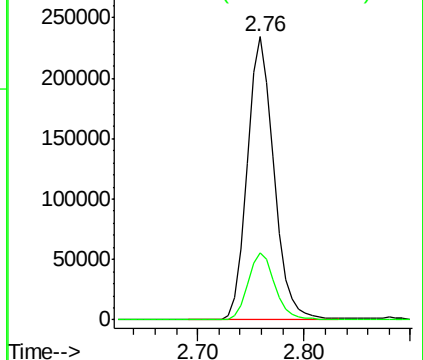
43 100

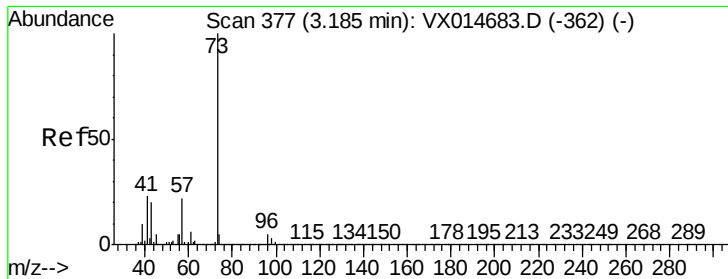
74 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

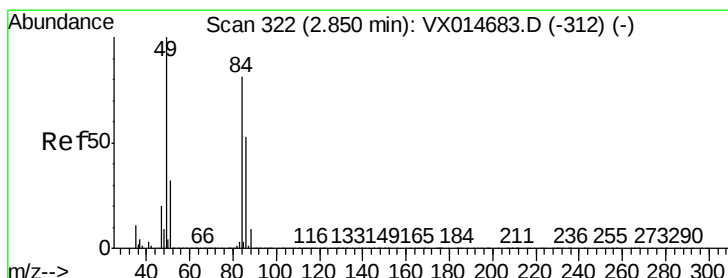
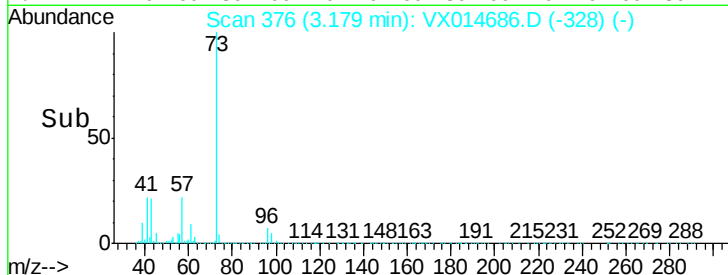
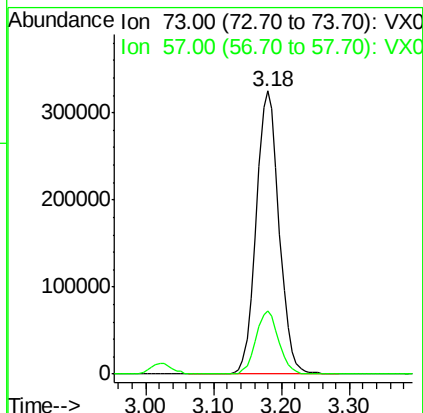
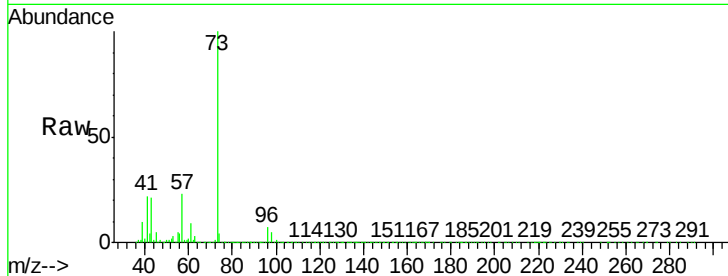




#19
Methyl tert-butyl Ether
Concen: 49.26 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

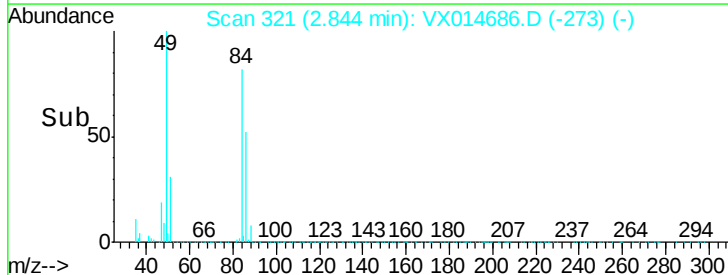
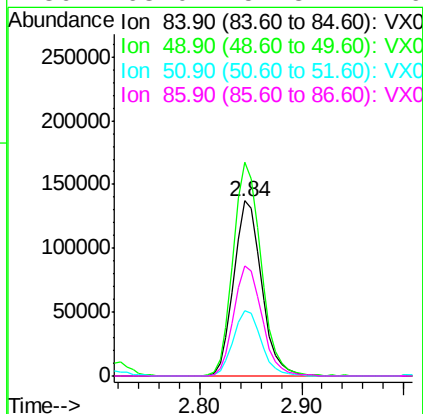
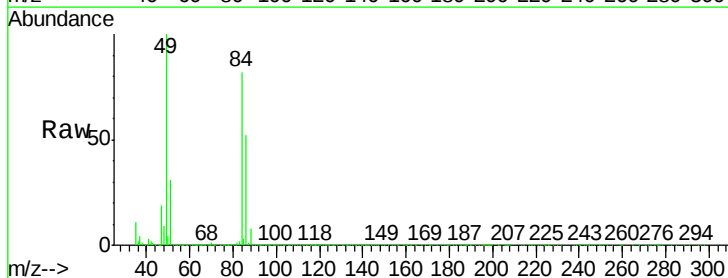
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

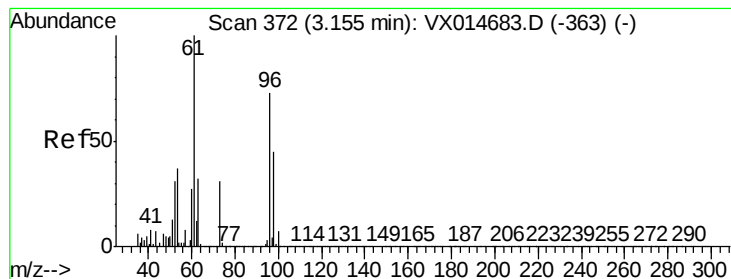
Tgt Ion: 73 Resp: 762863
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 45.96 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 84 Resp: 258878
Ion Ratio Lower Upper
84 100
49 121.9 98.2 147.4
51 37.3 31.3 46.9
86 63.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.64 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVX012220

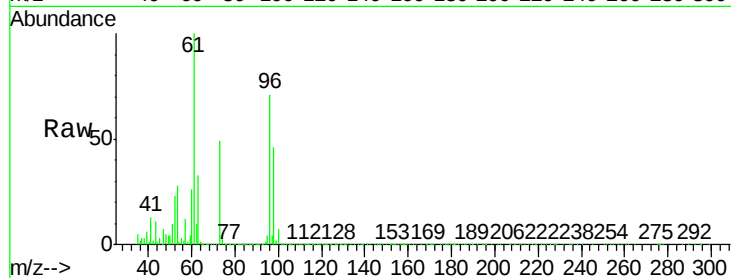
Tgt Ion: 96 Resp: 248010

Ion Ratio Lower Upper

96 100

61 140.1 109.8 164.6

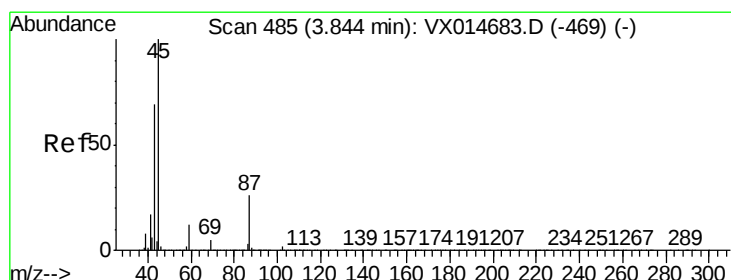
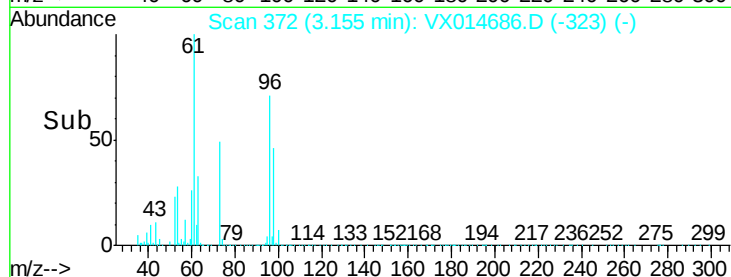
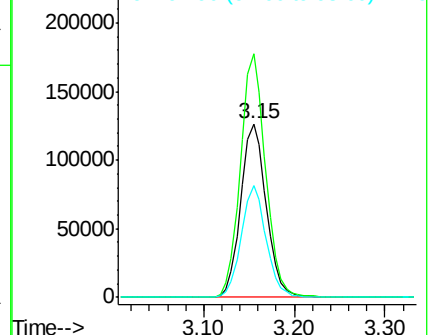
98 64.7 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.76 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion: 45 Resp: 824417

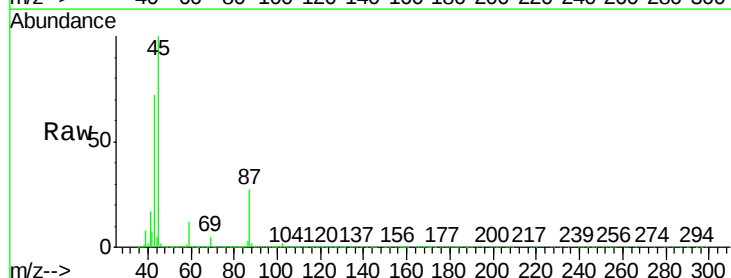
Ion Ratio Lower Upper

45 100

43 72.1 55.1 82.7

87 26.9 20.7 31.1

59 11.4 9.2 13.8

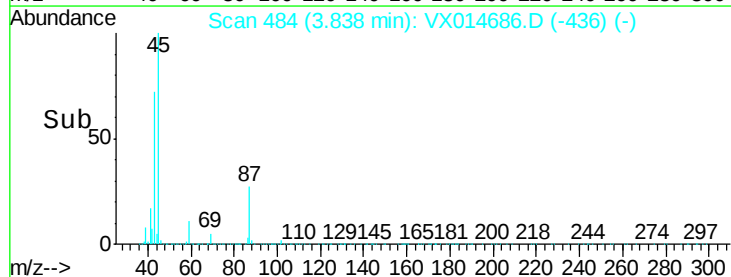
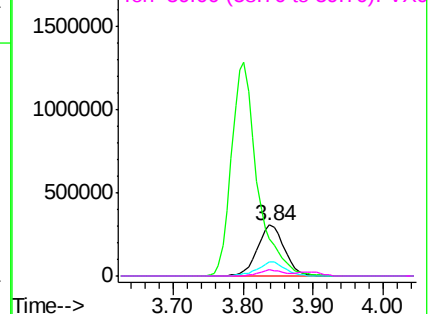


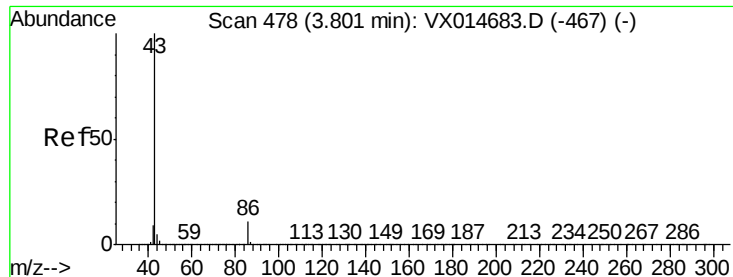
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.23 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

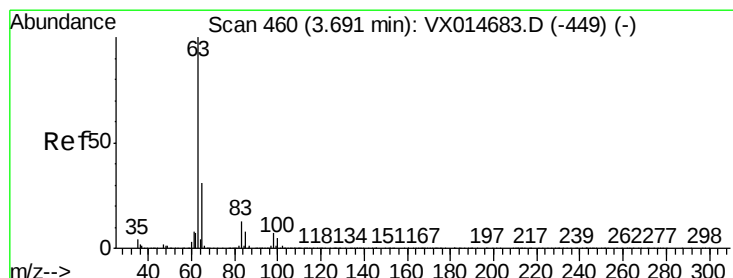
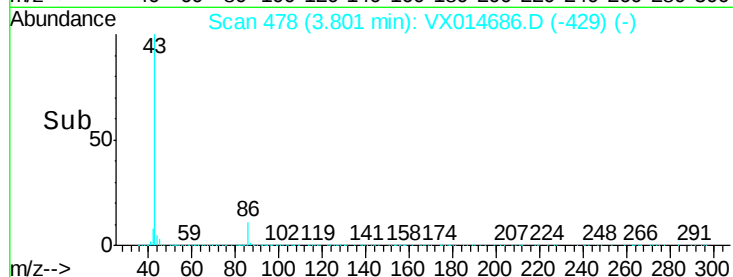
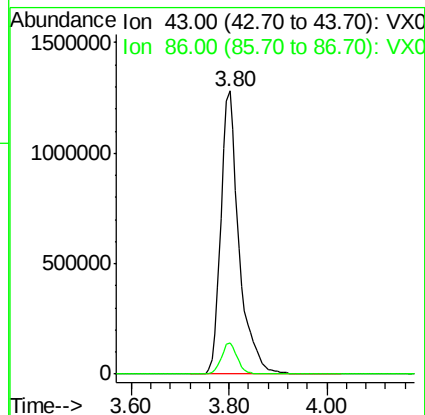
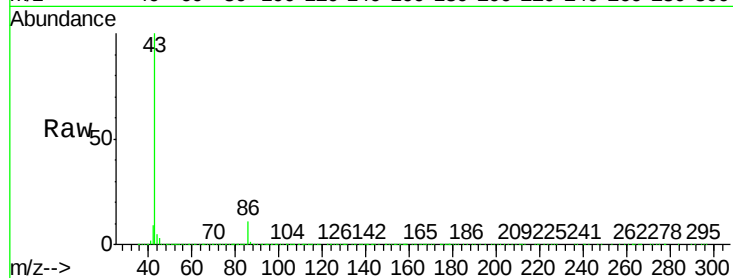
ICVVX012220

Tgt Ion: 43 Resp: 3302431

Ion Ratio Lower Upper

43 100

86 11.1 8.4 12.6



#24

1,1-Dichloroethane

Concen: 48.27 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

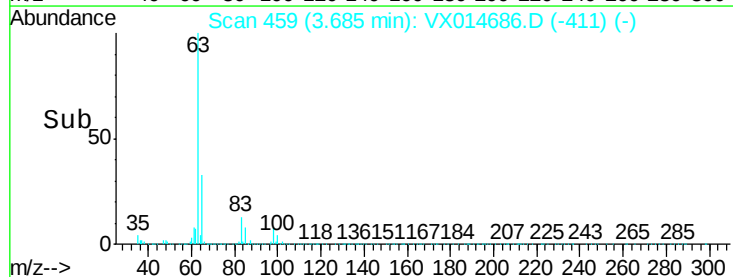
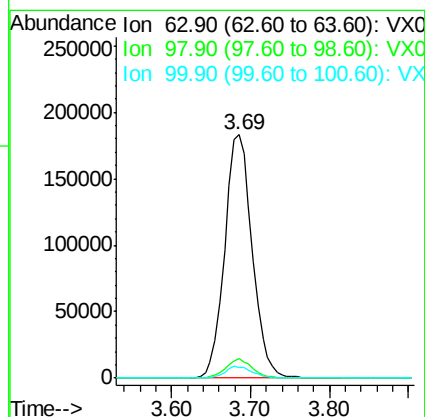
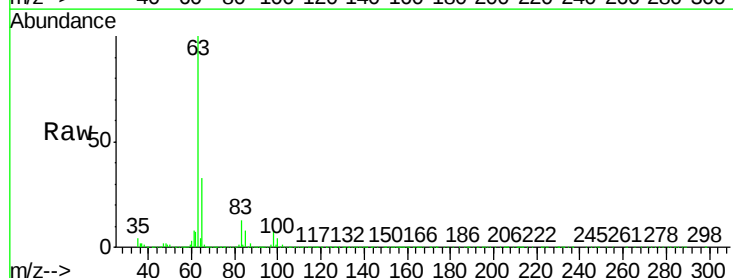
Tgt Ion: 63 Resp: 443207

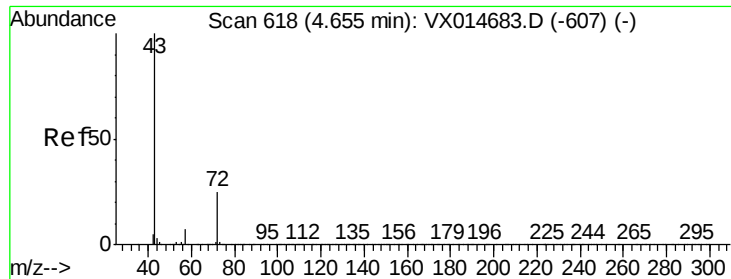
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 231.32 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

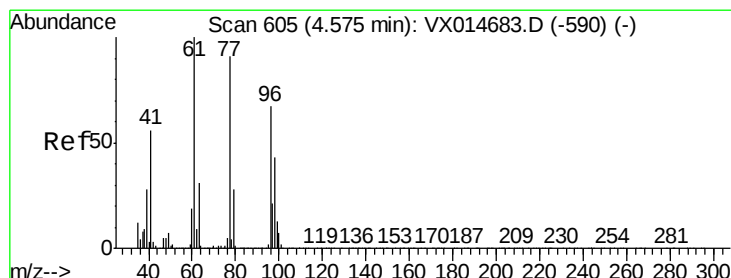
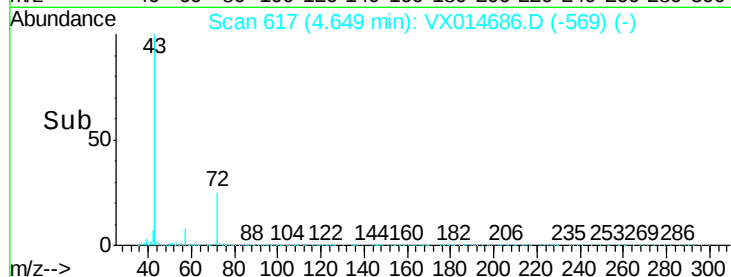
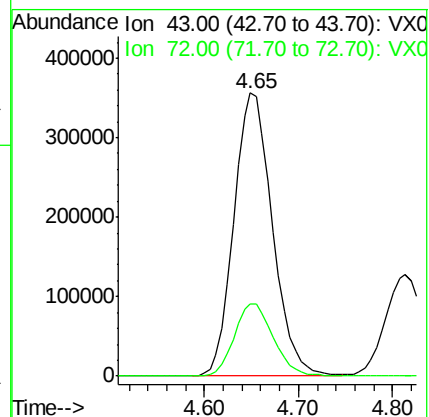
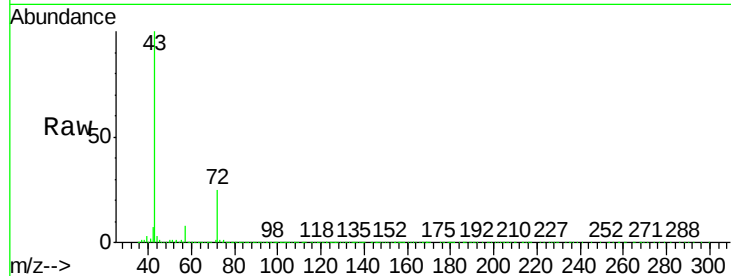
ICVVX012220

Tgt Ion: 43 Resp: 1008836

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 50.10 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014686.D

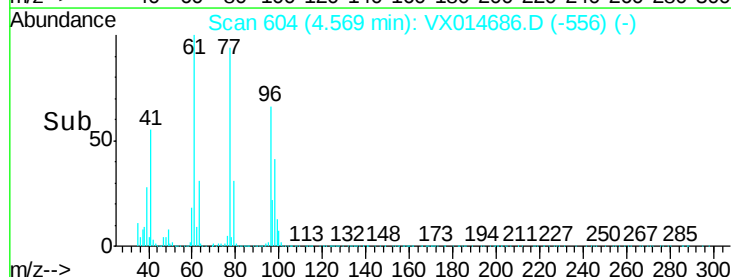
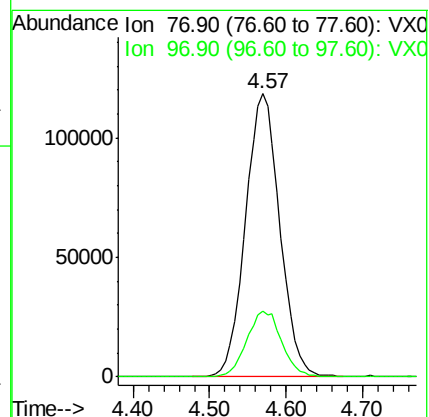
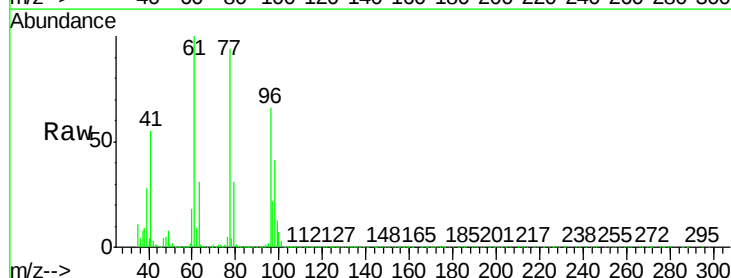
Acq: 22 Jan 2020 12:57

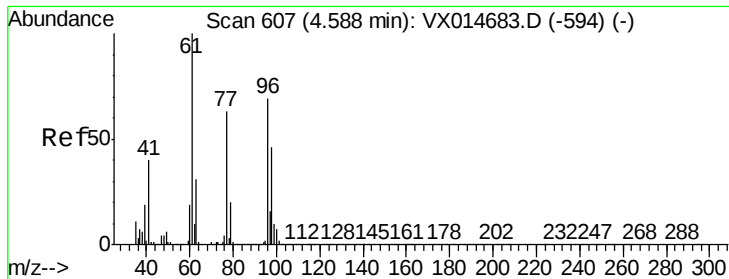
Tgt Ion: 77 Resp: 368236

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3



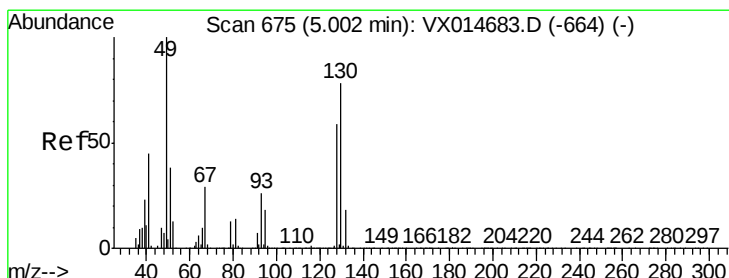
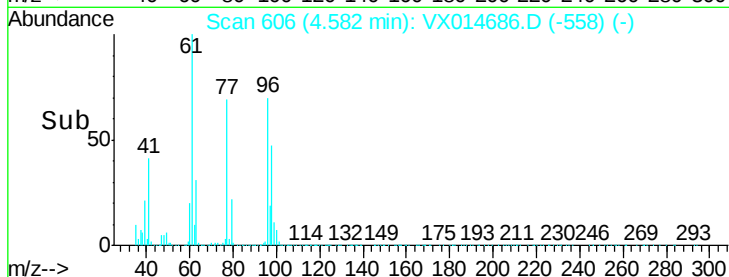
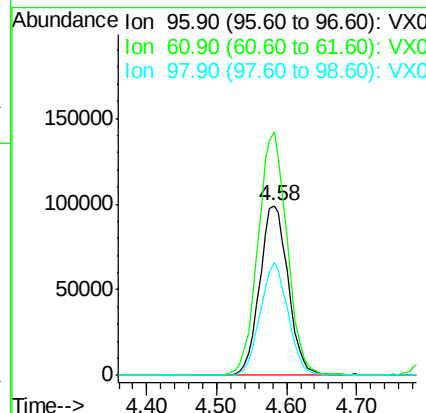
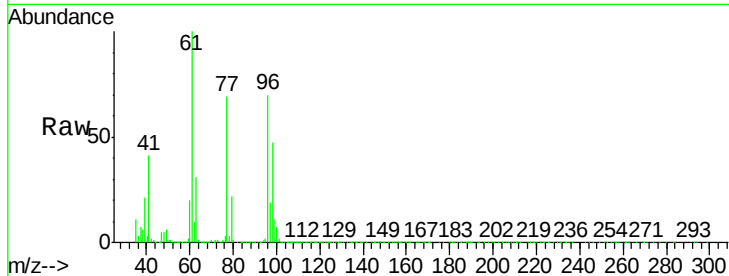


#27

cis-1,2-Dichloroethene
Concen: 48.07 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

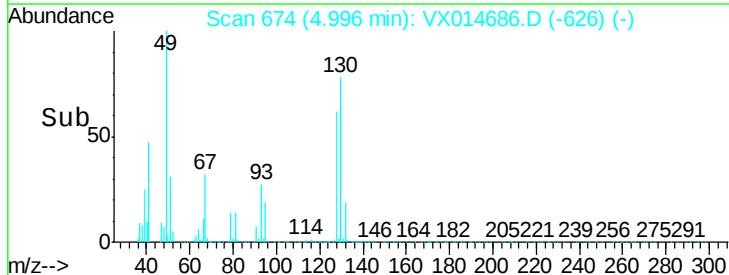
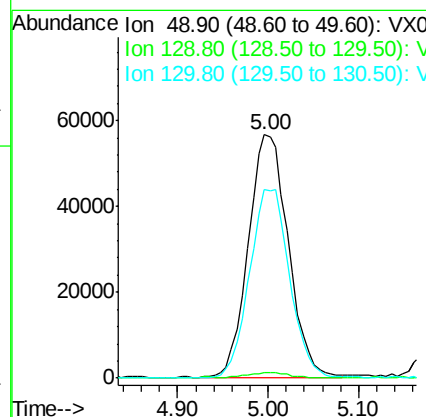
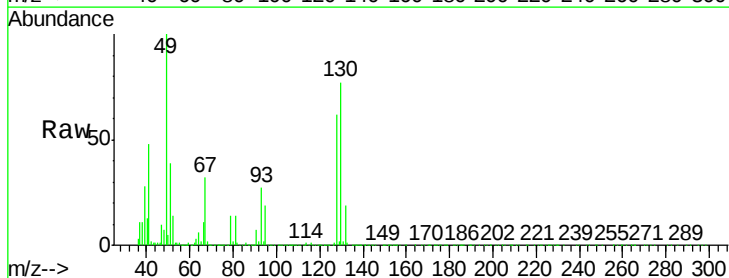
Tgt Ion: 96 Resp: 280074
Ion Ratio Lower Upper
96 100
61 145.3 0.0 291.0
98 64.8 0.0 129.8

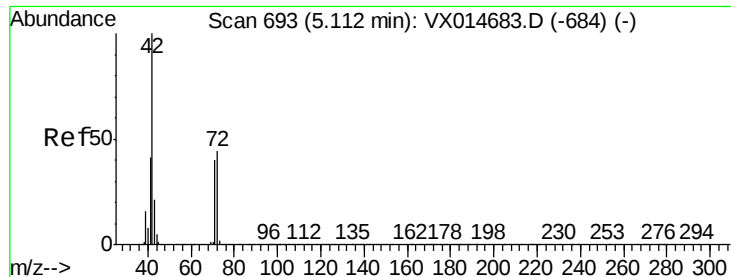


#28

Bromochloromethane
Concen: 42.76 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 49 Resp: 172544
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 77.6 62.4 93.6





#29

Tetrahydrofuran

Concen: 240.70 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampled :

ICVVX012220

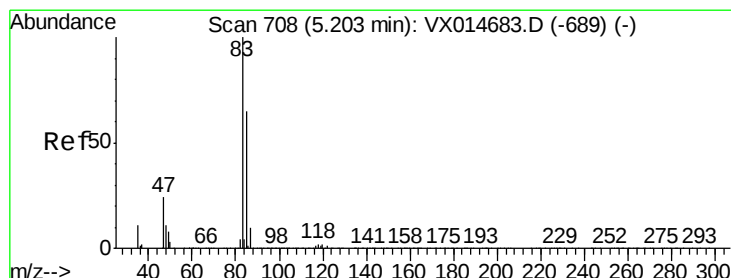
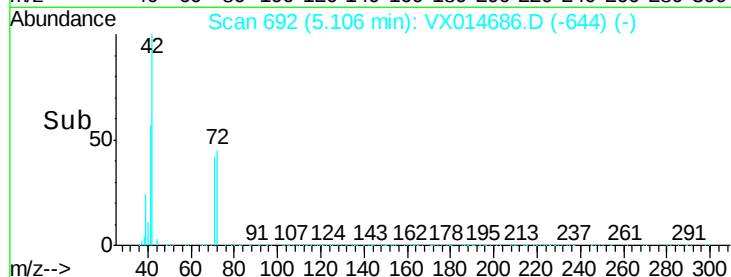
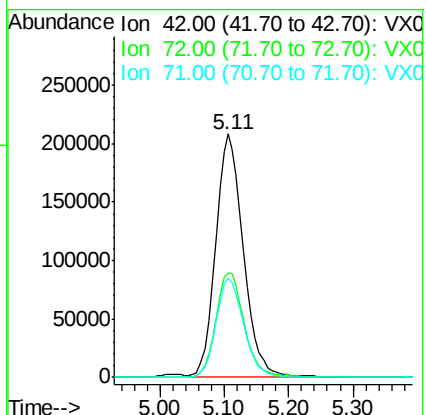
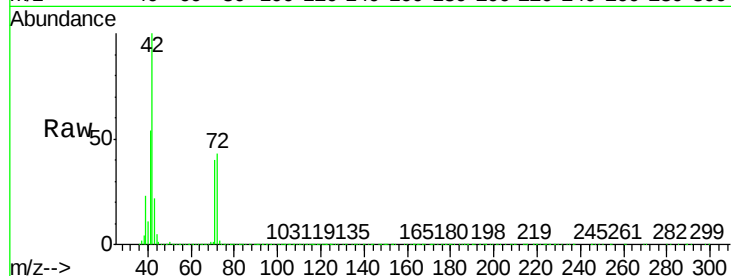
Tgt Ion: 42 Resp: 623052

Ion Ratio Lower Upper

42 100

72 44.9 35.3 52.9

71 41.0 33.1 49.7



#30

Chloroform

Concen: 47.30 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014686.D

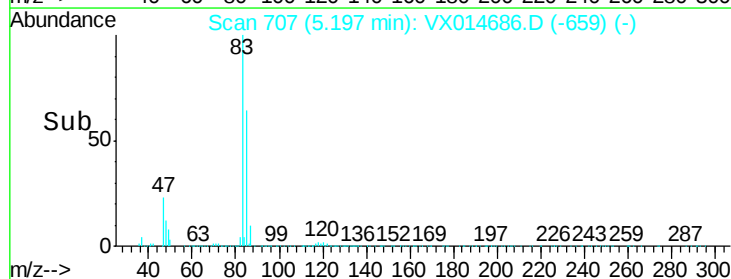
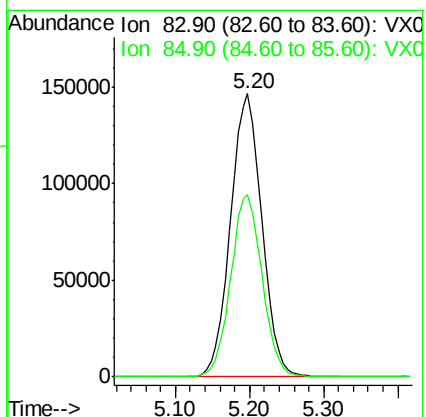
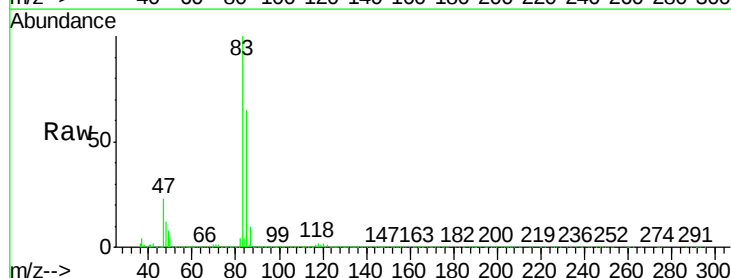
Acq: 22 Jan 2020 12:57

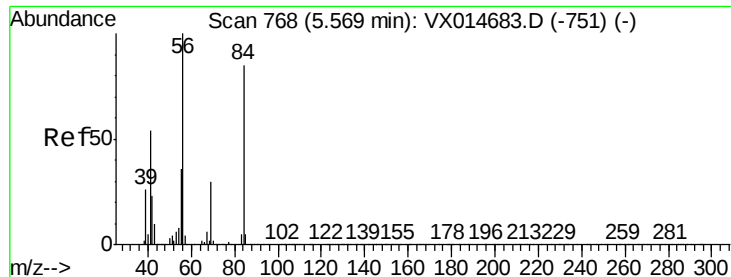
Tgt Ion: 83 Resp: 430262

Ion Ratio Lower Upper

83 100

85 64.4 51.7 77.5

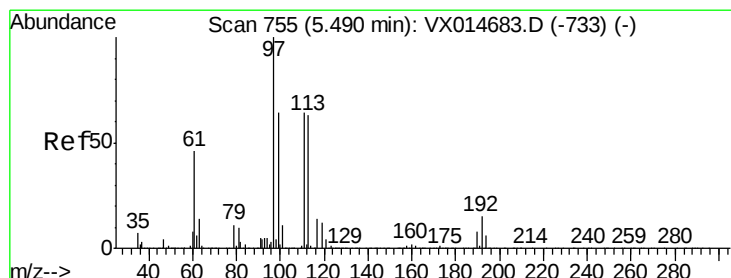
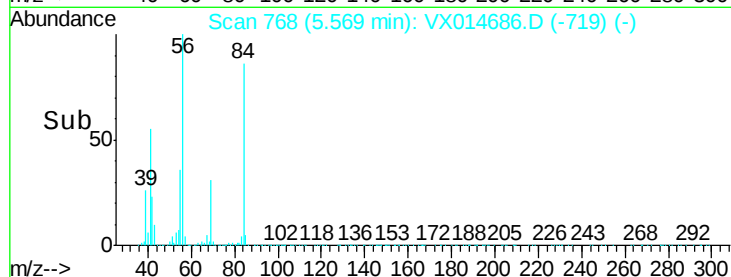
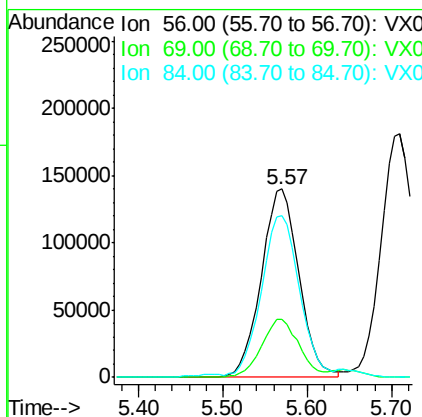
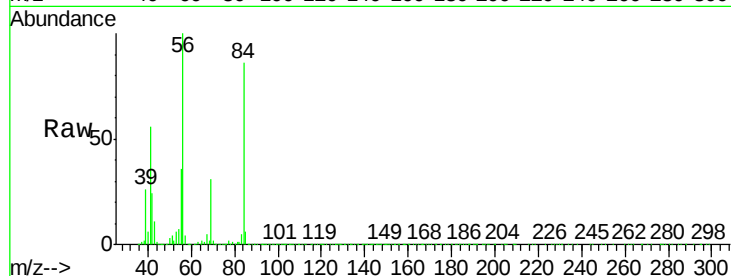




#31
Cyclohexane
Concen: 50.08 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

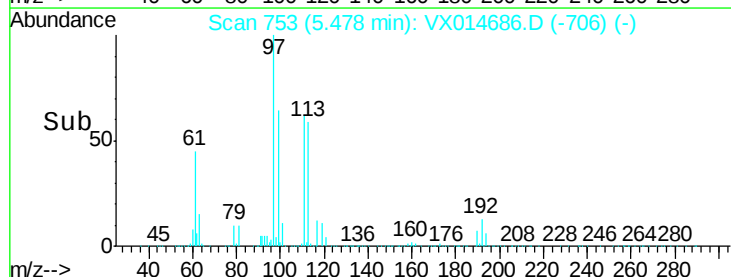
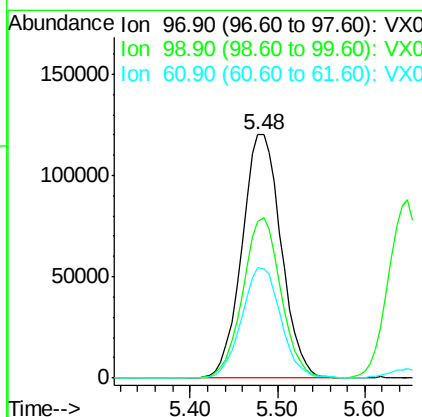
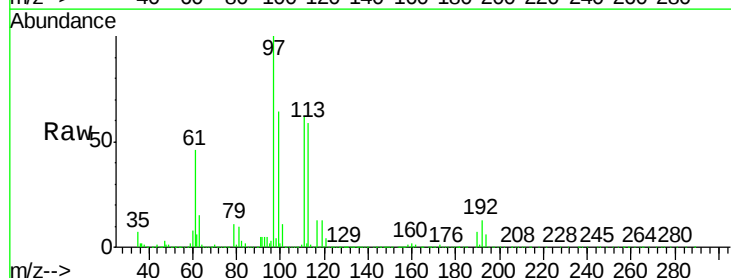
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

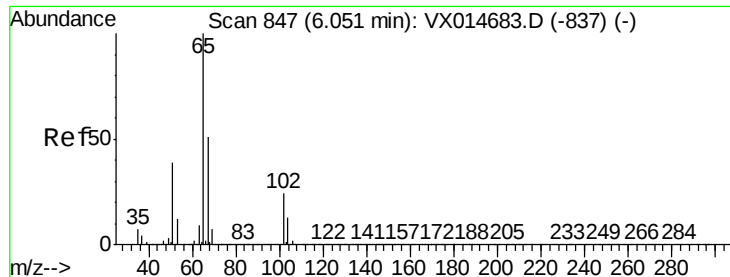
Tgt Ion: 56 Resp: 432552
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 85.3 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 48.62 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 97 Resp: 373836
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 45.1 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 47.02 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

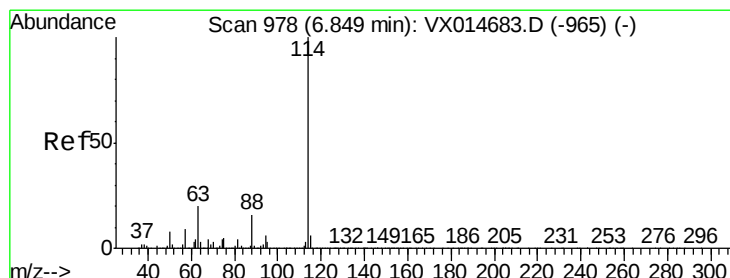
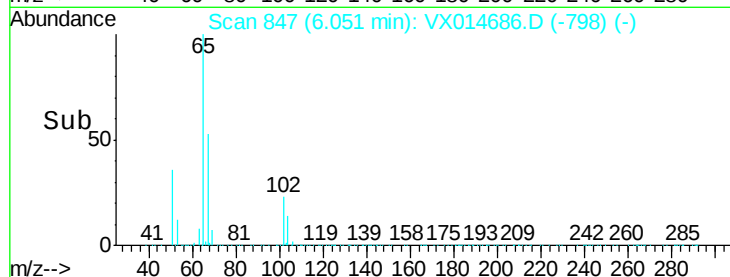
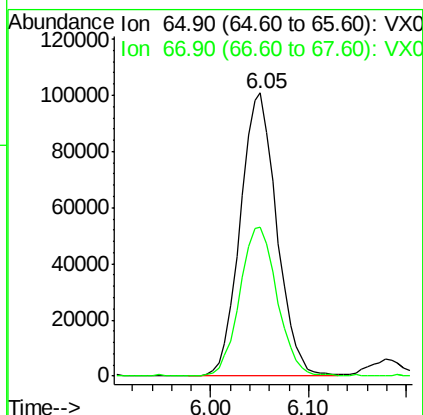
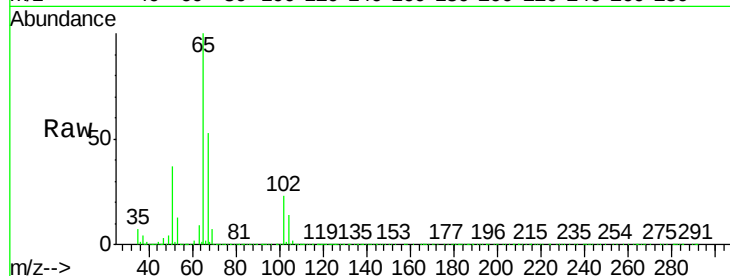
ICVVX012220

Tgt Ion: 65 Resp: 261127

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

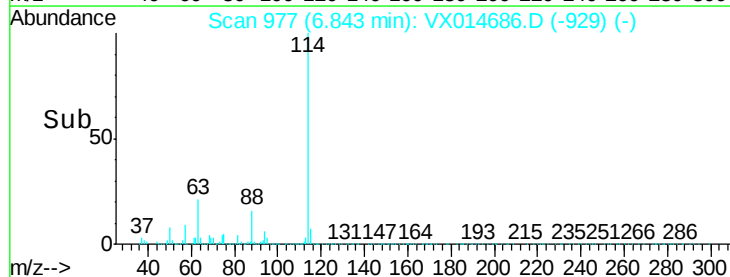
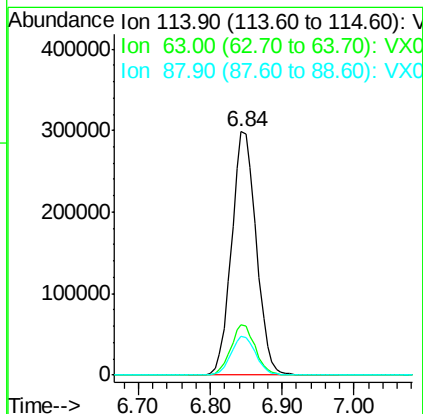
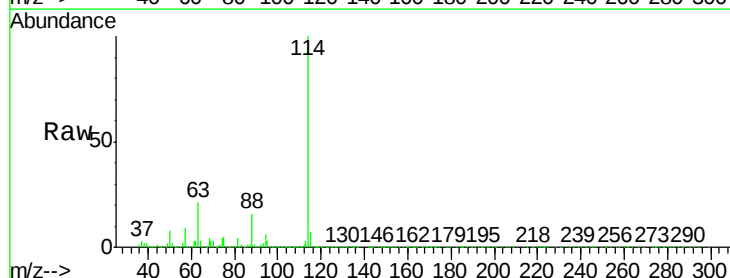
Tgt Ion: 114 Resp: 708994

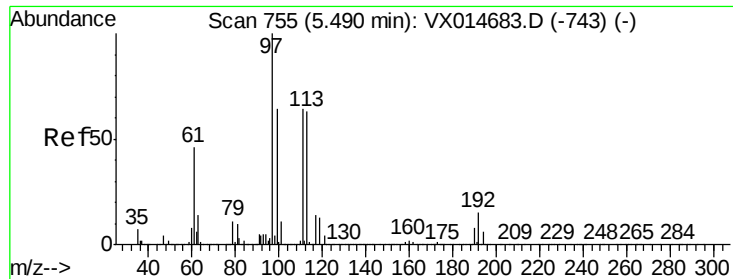
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.92 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

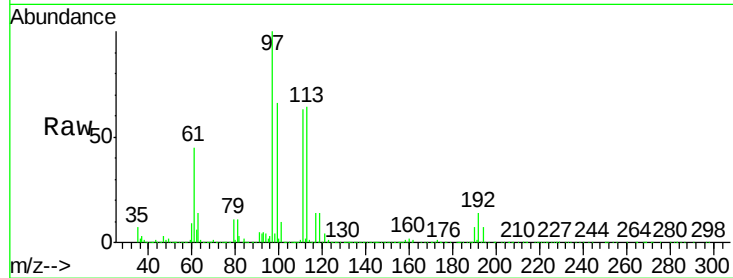
Tgt Ion:113 Resp: 214365

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

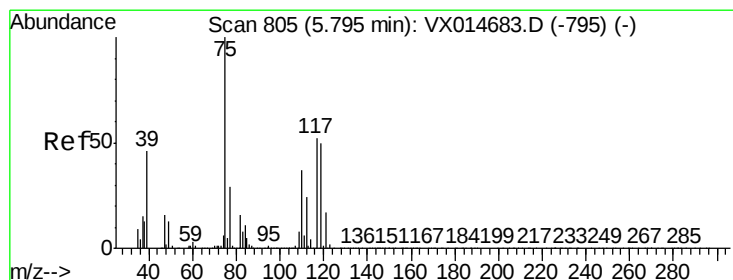
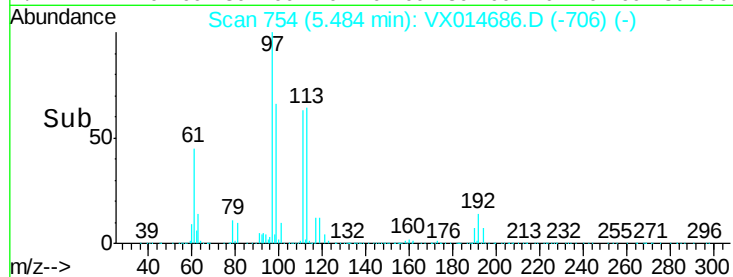
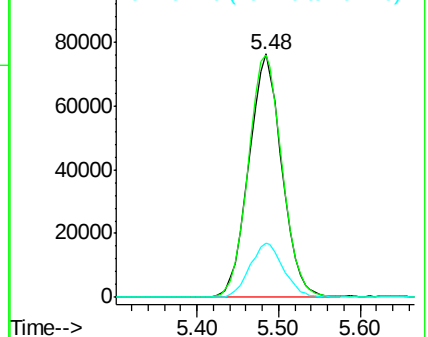
192 22.9 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.05 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

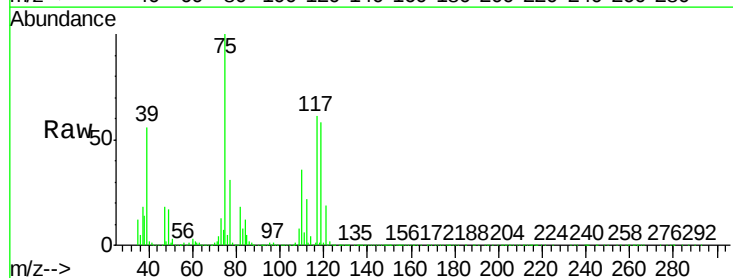
Tgt Ion: 75 Resp: 336347

Ion Ratio Lower Upper

75 100

110 36.9 17.9 53.7

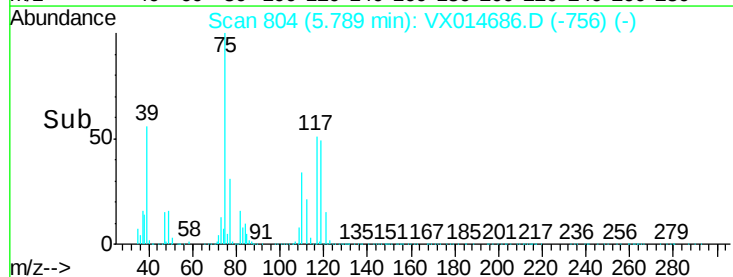
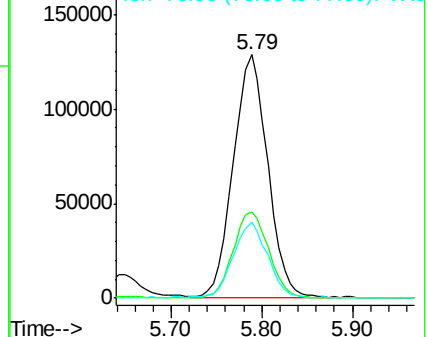
77 30.4 24.1 36.1

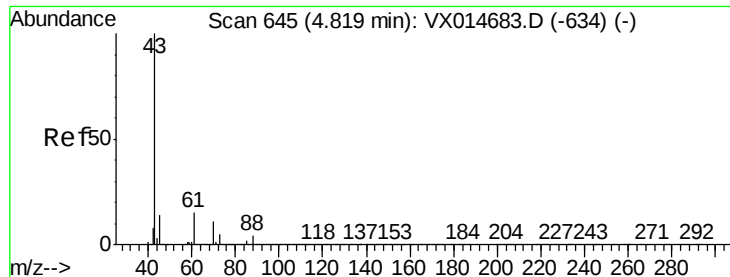


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

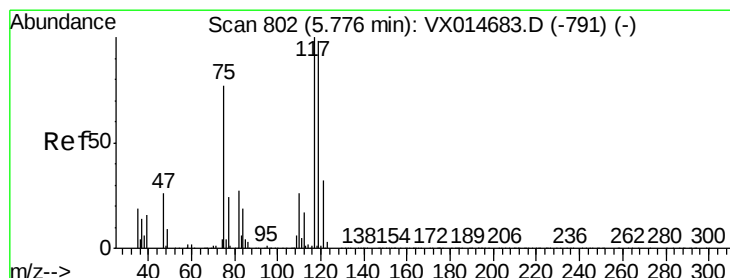
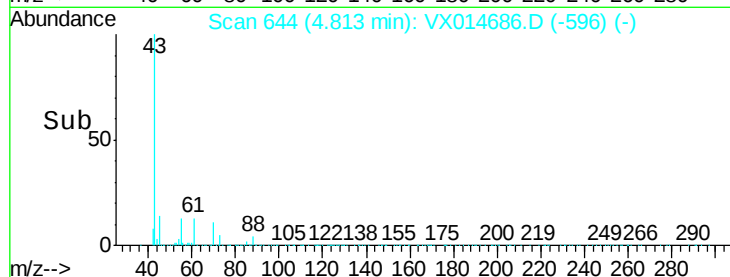
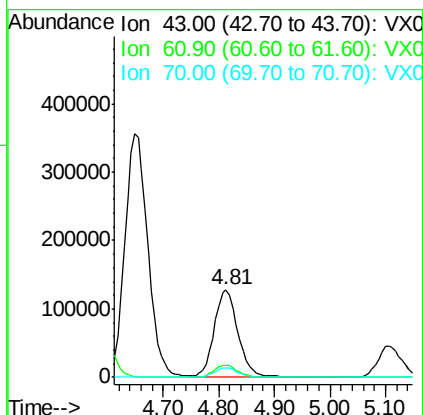
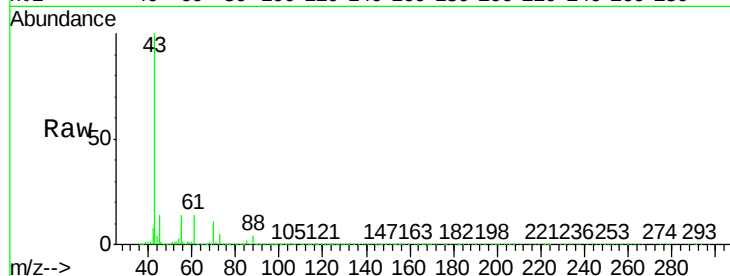




#37
Ethyl Acetate
Concen: 50.07 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

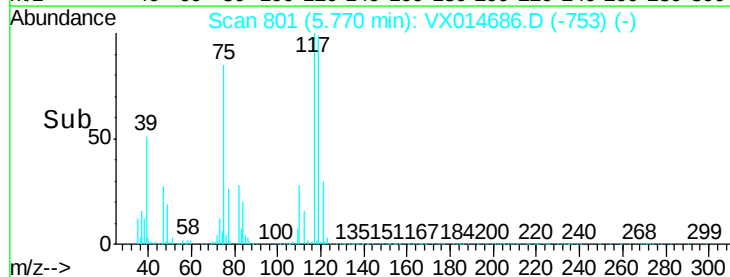
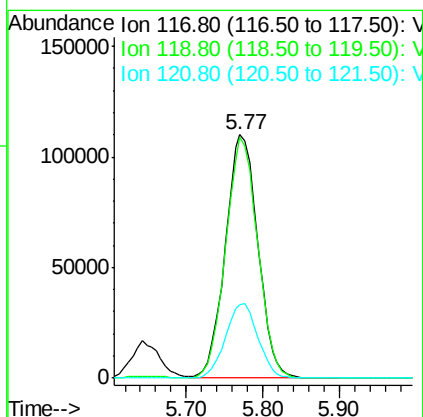
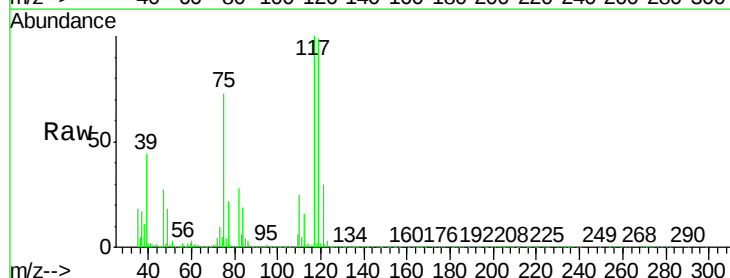
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tgt Ion: 43 Resp: 377822
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 51.15 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 117 Resp: 321848
Ion Ratio Lower Upper
117 100
119 99.1 77.9 116.9
121 29.8 25.4 38.2

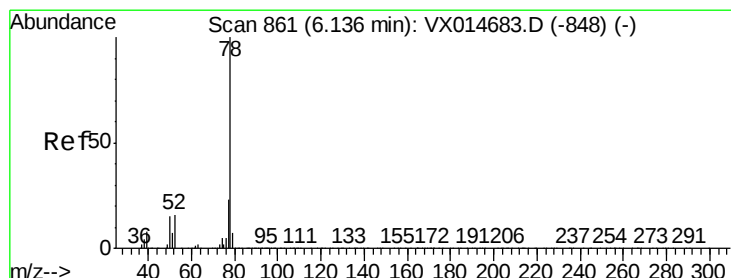
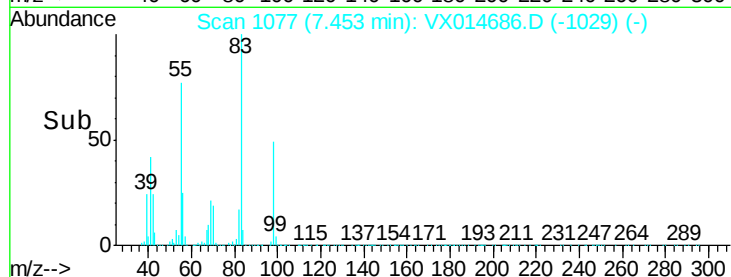
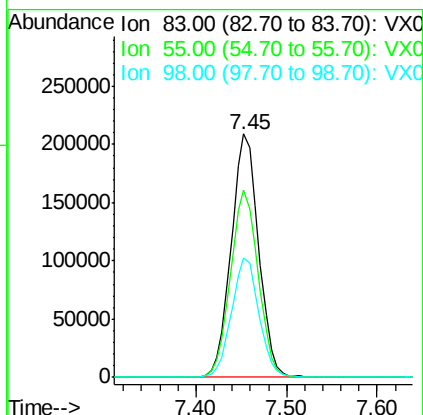
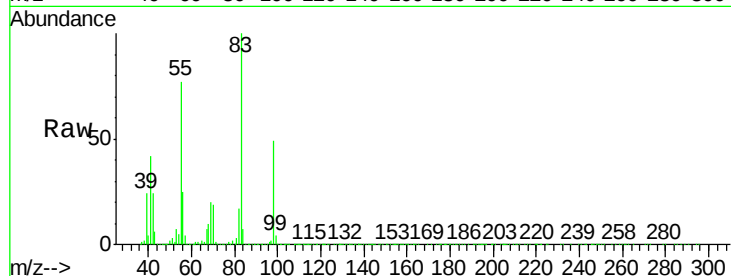




#39
Methylcyclohexane
Concen: 53.09 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

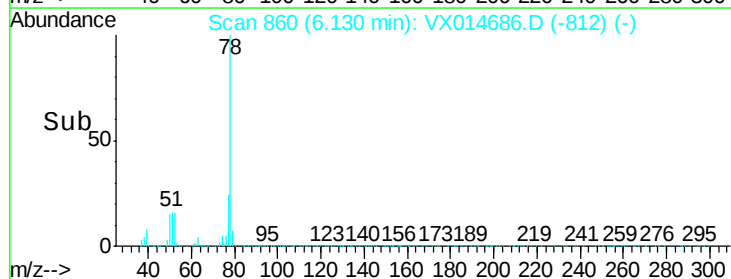
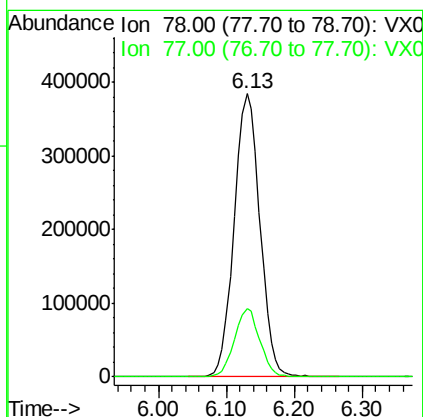
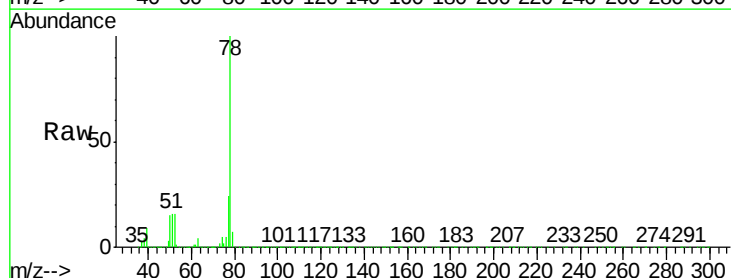
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

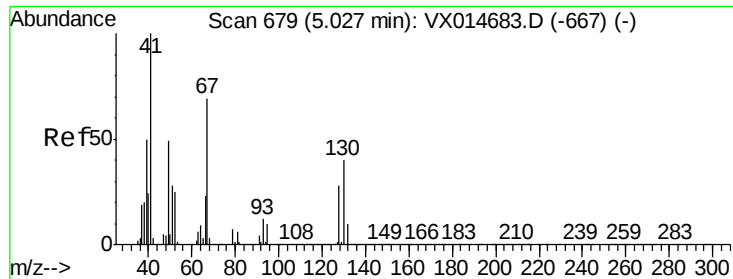
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	65.6	98.4
98	49.2	40.2	60.4



#40
Benzene
Concen: 49.67 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1

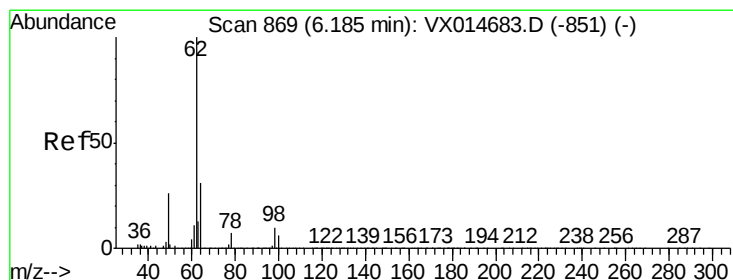
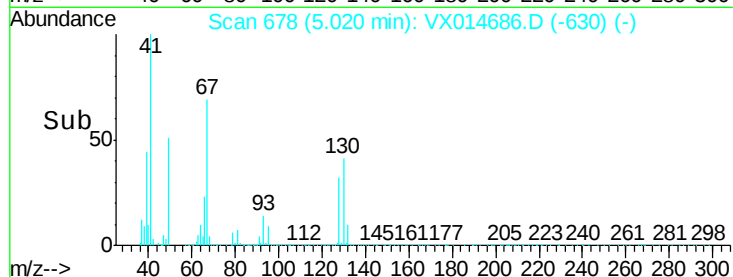
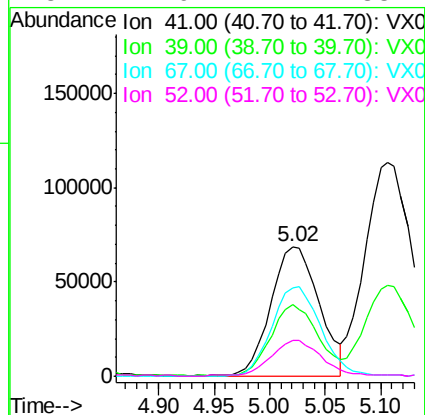
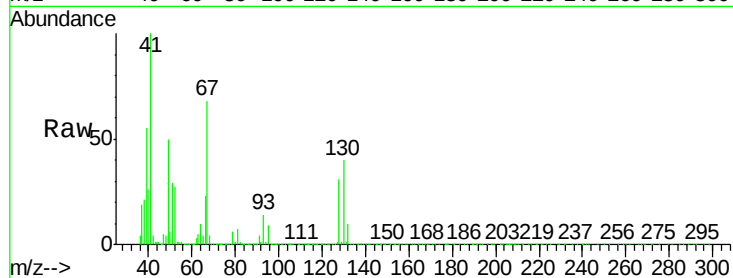




#41
Methacrylonitrile
Concen: 47.97 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

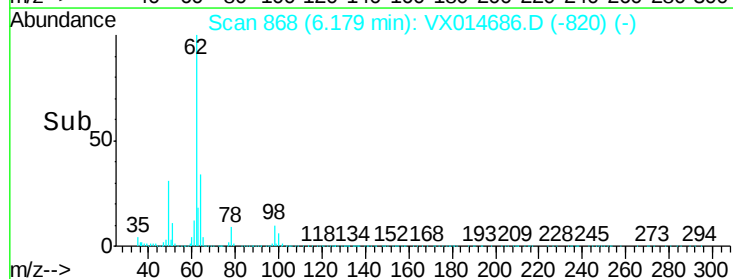
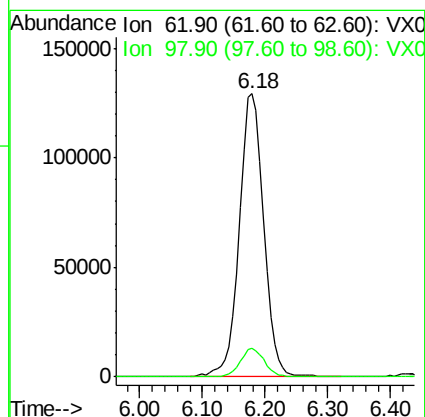
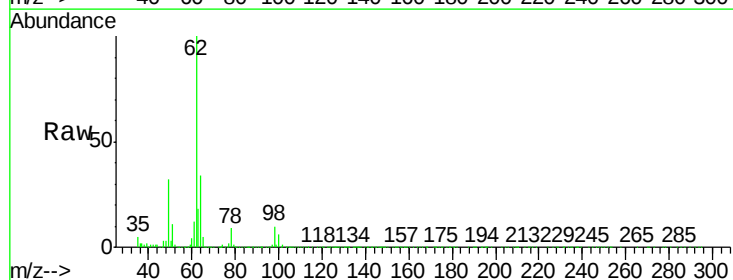
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

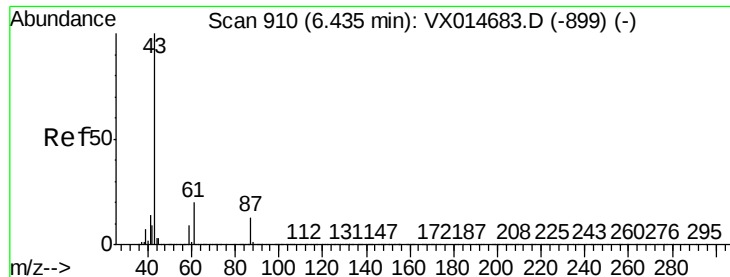
Tgt Ion:	41	Resp:	206535
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.2
67	70.9	55.4	83.0
52	27.9	22.1	33.1



#42
1,2-Dichloroethane
Concen: 49.30 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion:	62	Resp:	346540
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 49.97 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

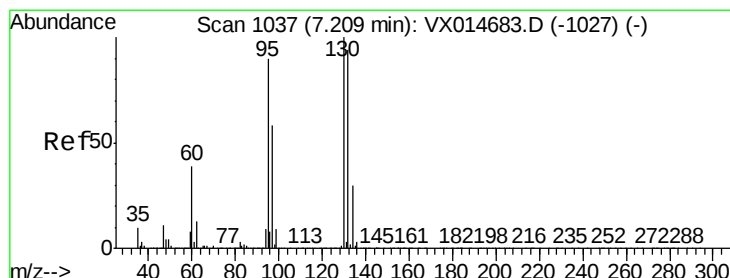
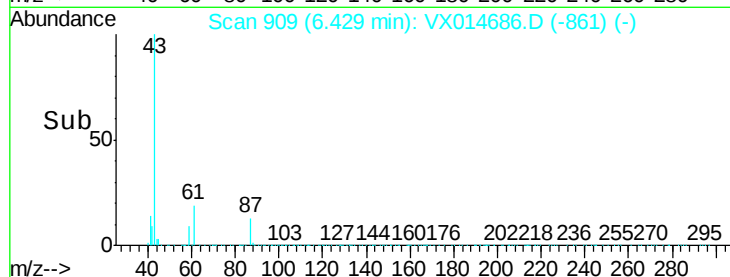
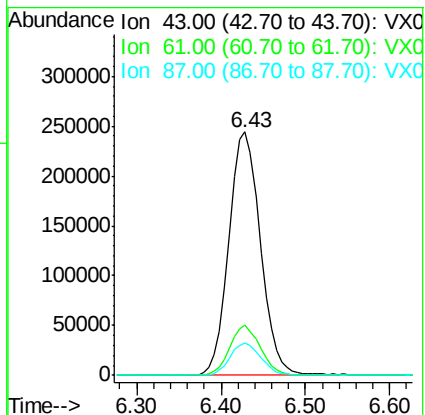
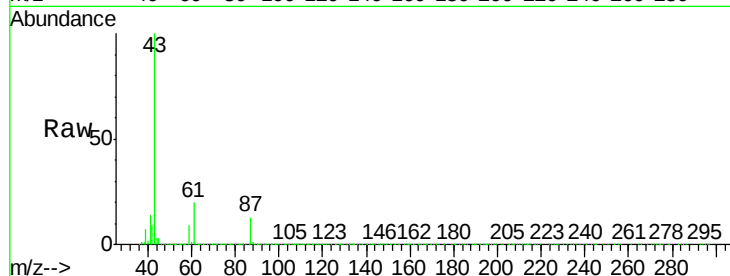
Tgt Ion: 43 Resp: 617416

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.4

87 13.2 10.5 15.7



#44

Trichloroethene

Concen: 48.16 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014686.D

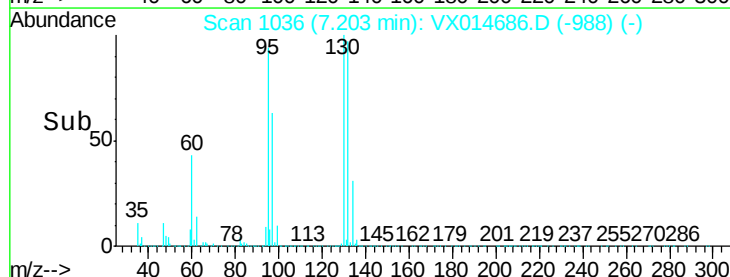
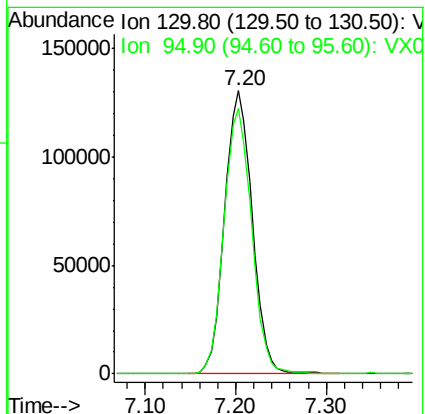
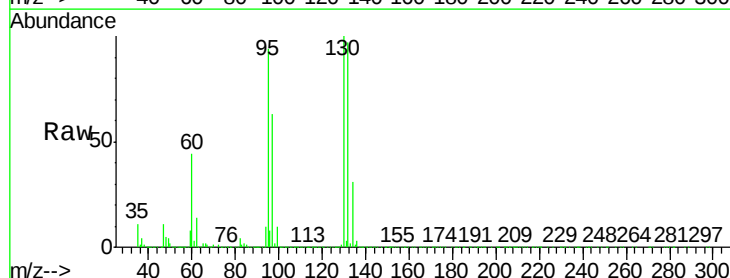
Acq: 22 Jan 2020 12:57

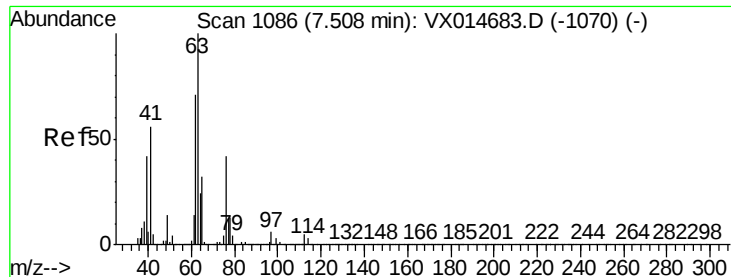
Tgt Ion: 130 Resp: 276889

Ion Ratio Lower Upper

130 100

95 93.7 0.0 179.8





#45

1,2-Dichloropropane

Concen: 50.17 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

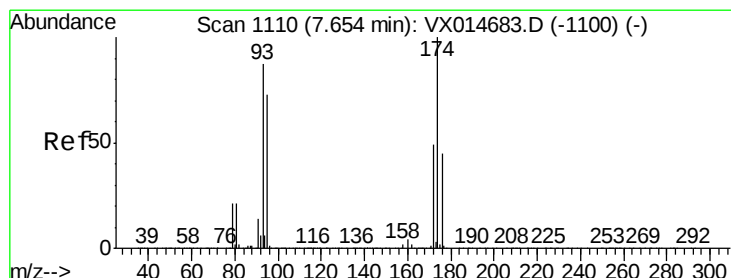
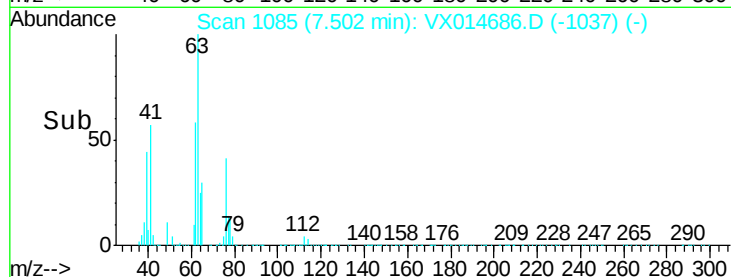
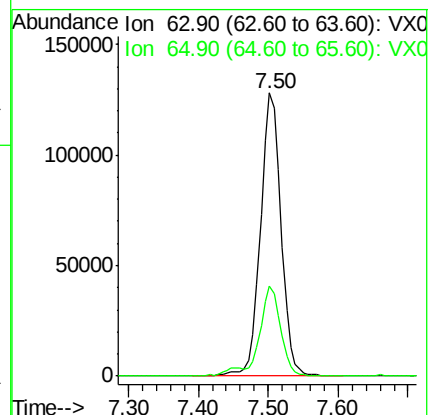
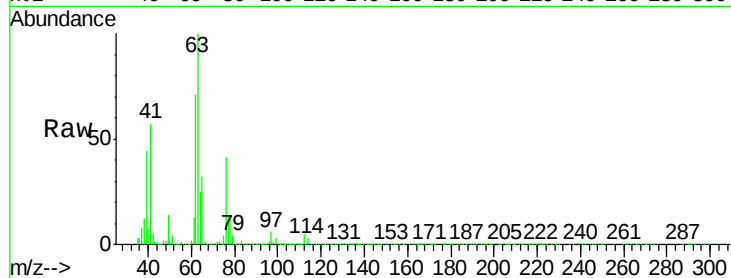
ICVX012220

Tgt Ion: 63 Resp: 263088

Ion Ratio Lower Upper

63 100

65 31.5 25.2 37.8



#46

Dibromomethane

Concen: 49.39 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

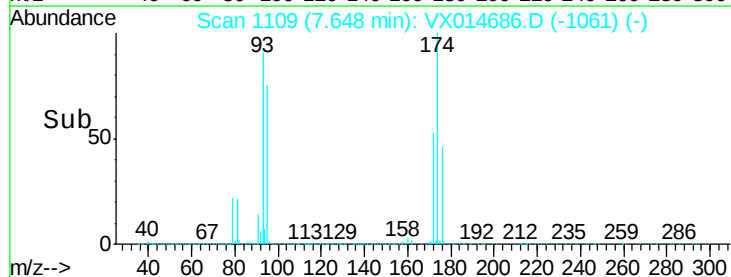
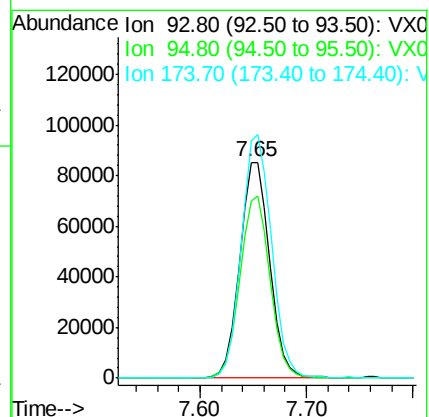
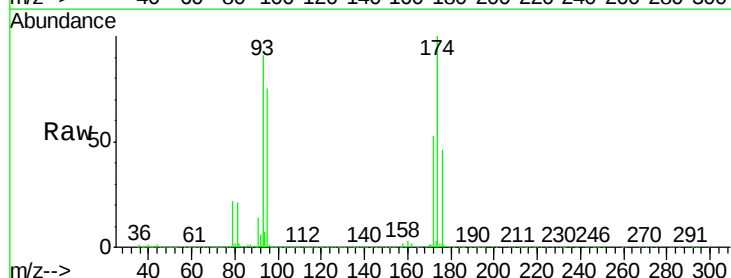
Tgt Ion: 93 Resp: 167731

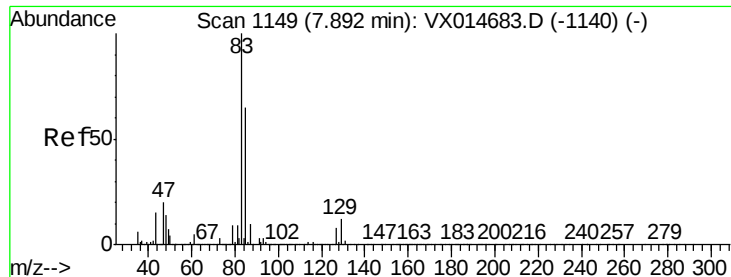
Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.4

174 114.0 90.2 135.2





#47

Bromodichloromethane

Concen: 51.19 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

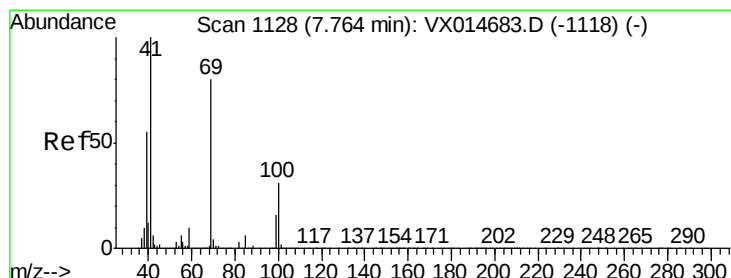
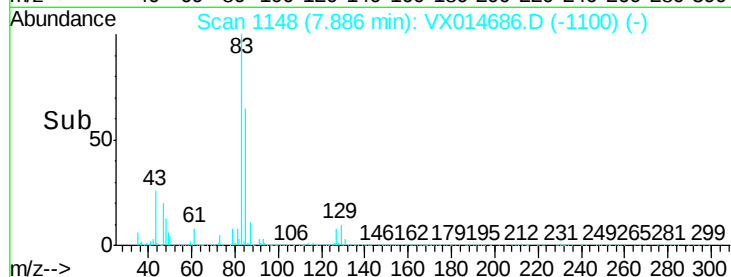
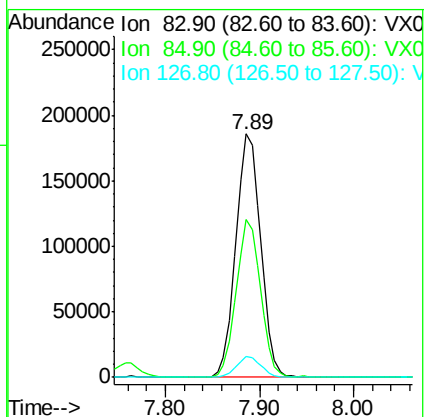
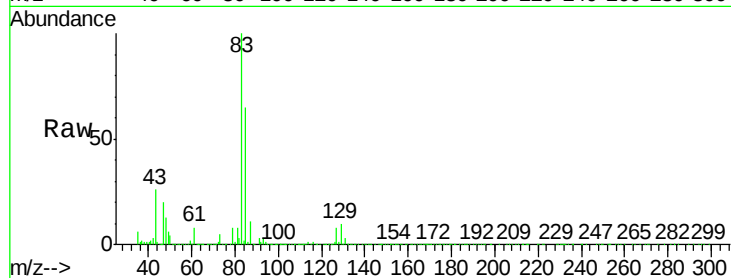
Tgt Ion: 83 Resp: 340964

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2

127 8.3 6.4 9.6



#48

Methyl methacrylate

Concen: 51.75 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

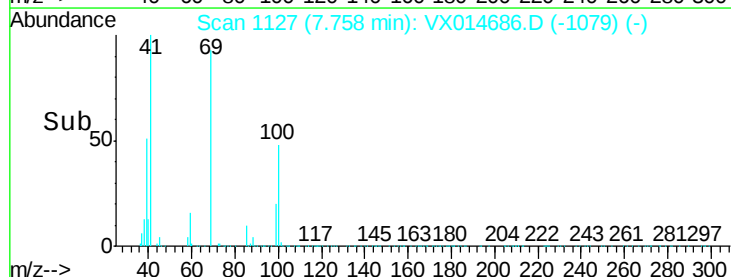
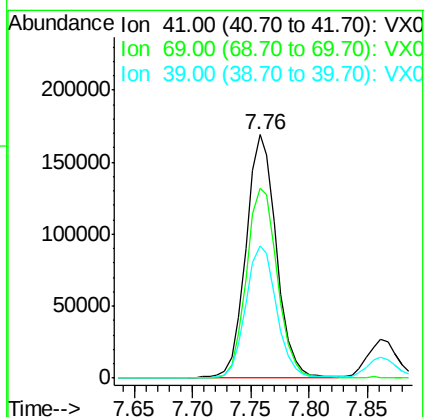
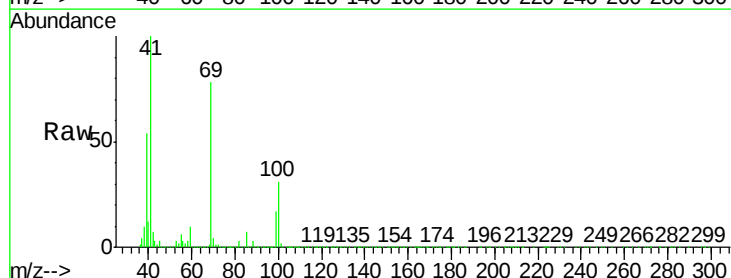
Tgt Ion: 41 Resp: 305522

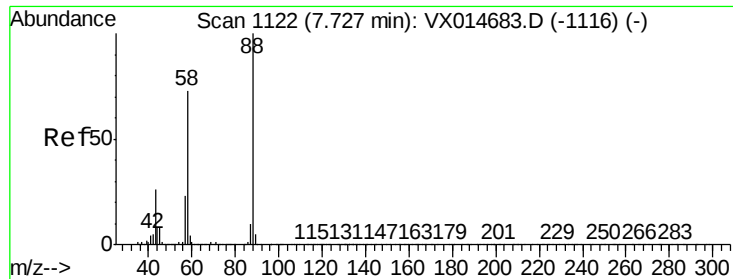
Ion Ratio Lower Upper

41 100

69 80.1 63.5 95.3

39 55.5 43.7 65.5





#49

1,4-Dioxane

Concen: 885.56 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

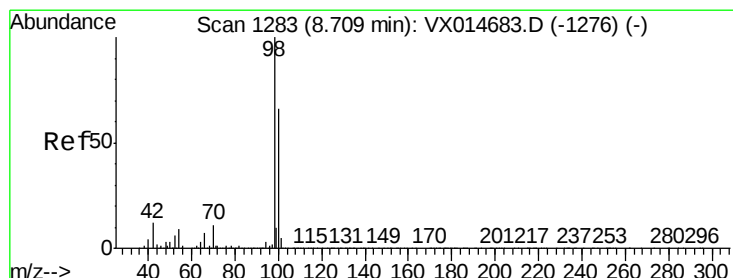
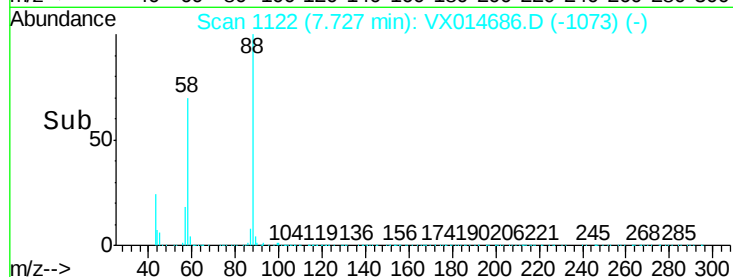
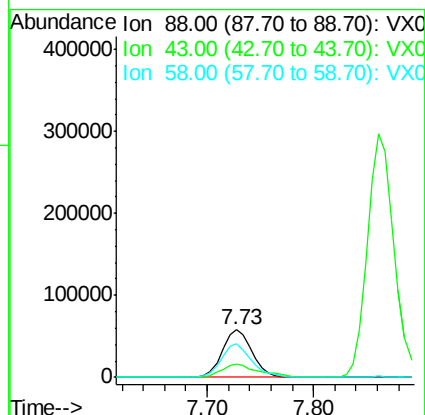
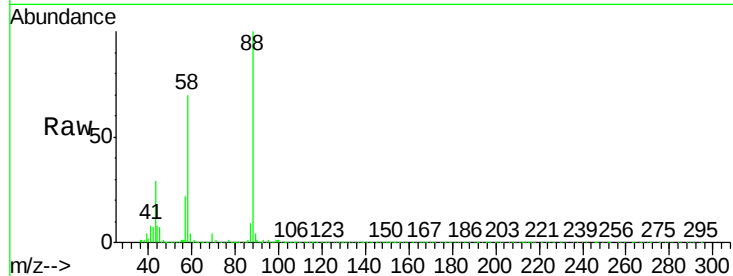
Tgt Ion: 88 Resp: 110822

Ion Ratio Lower Upper

88 100

43 34.0 26.2 39.2

58 71.5 56.6 85.0



#50

Toluene-d8

Concen: 48.83 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014686.D

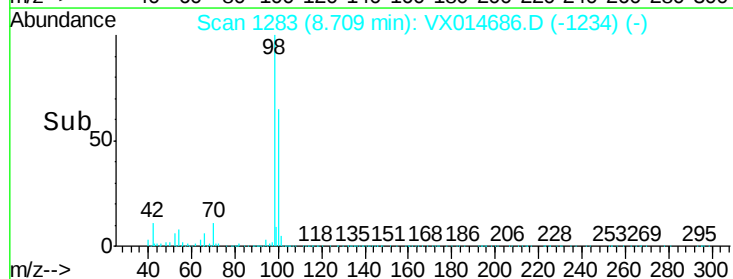
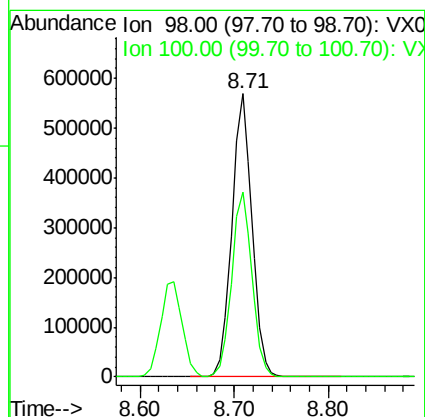
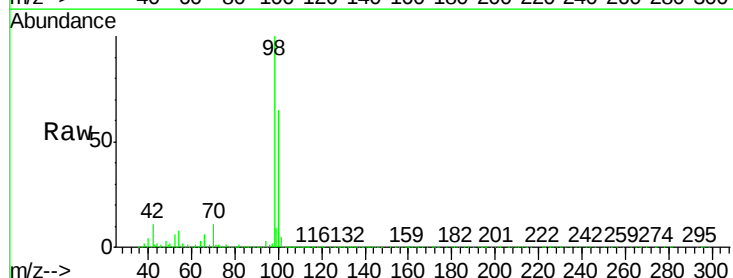
Acq: 22 Jan 2020 12:57

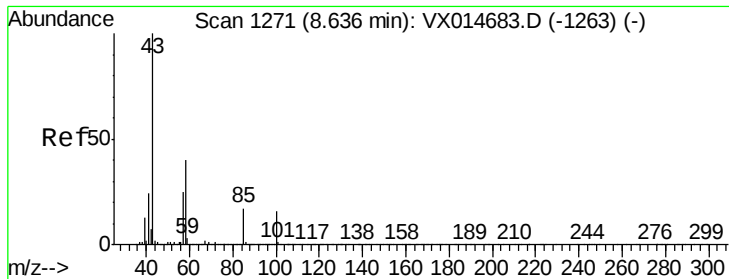
Tgt Ion: 98 Resp: 839843

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 244.85 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

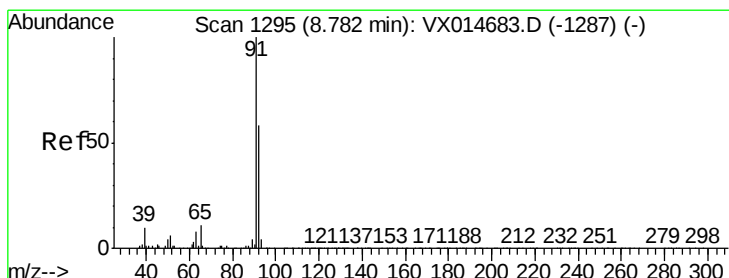
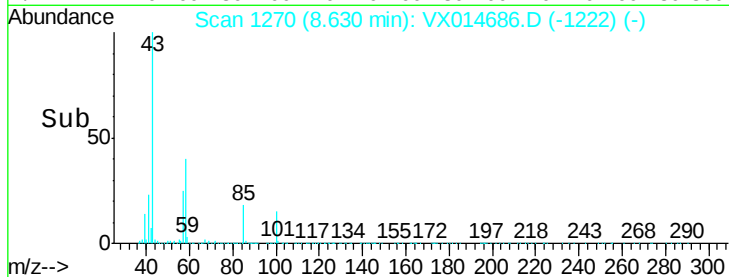
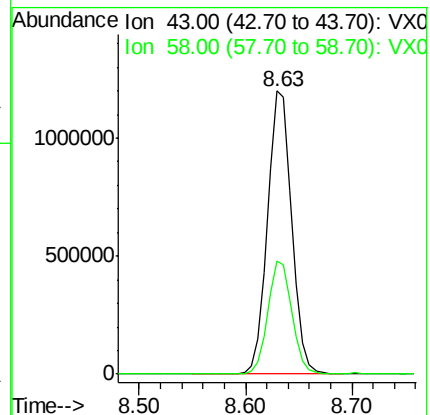
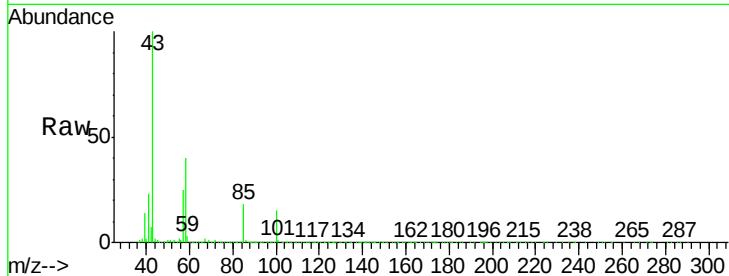
ICVVX012220

Tgt Ion: 43 Resp: 1909460

Ion Ratio Lower Upper

43 100

58 39.7 31.6 47.4



#52

Toluene

Concen: 51.53 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014686.D

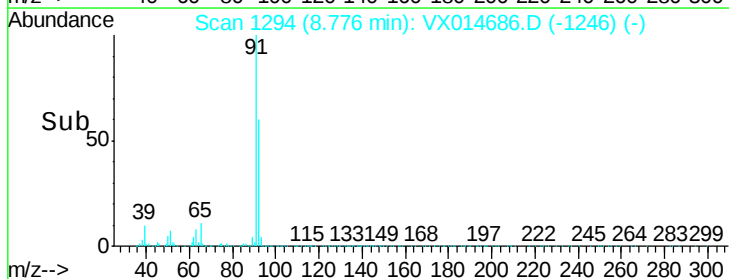
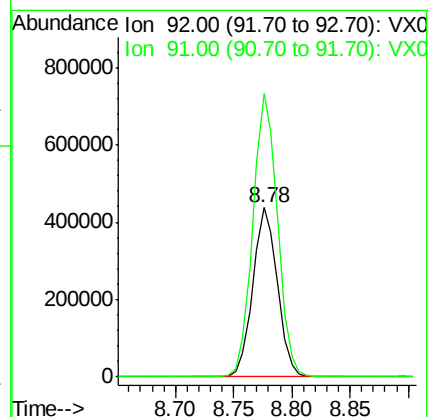
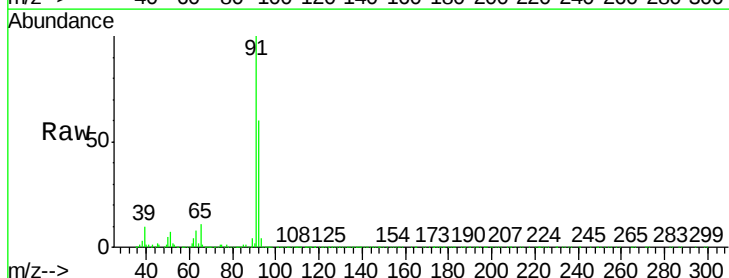
Acq: 22 Jan 2020 12:57

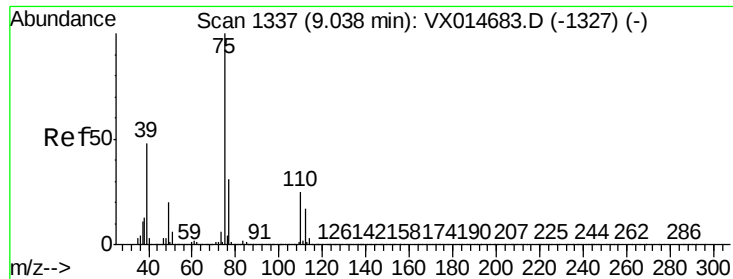
Tgt Ion: 92 Resp: 644781

Ion Ratio Lower Upper

92 100

91 168.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 53.17 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

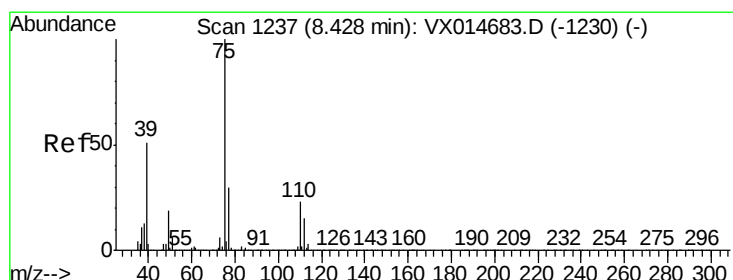
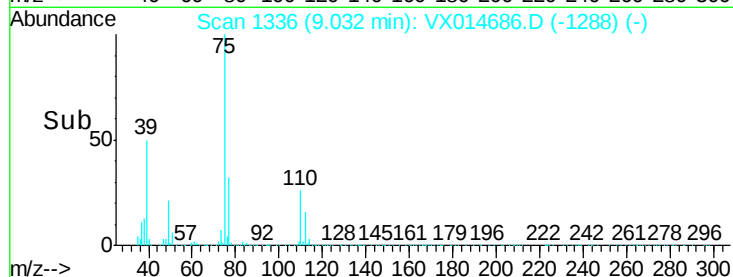
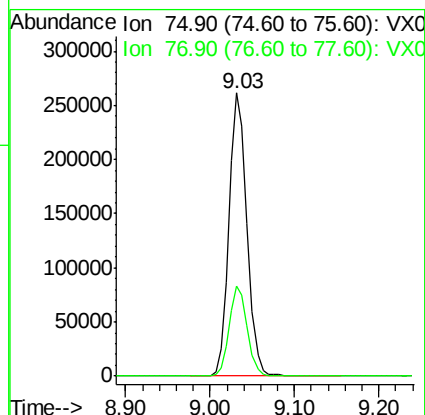
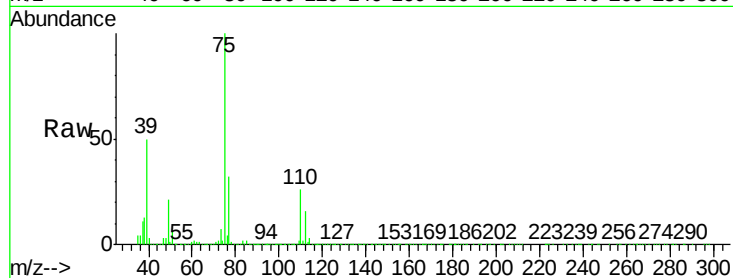
ICVVX012220

Tgt Ion: 75 Resp: 381374

Ion Ratio Lower Upper

75 100

77 31.6 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 53.74 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

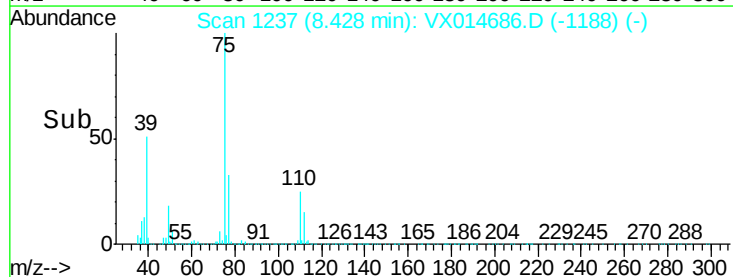
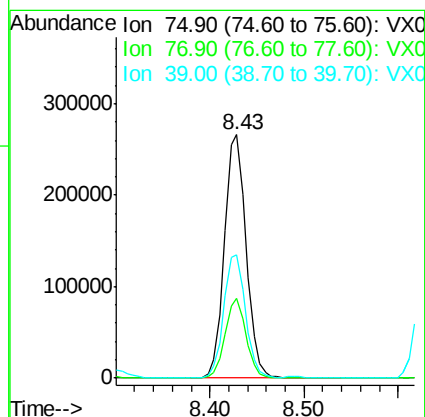
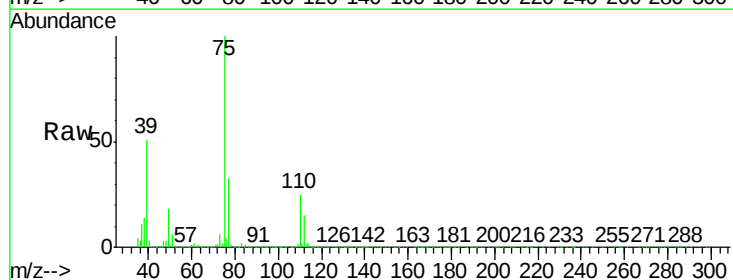
Tgt Ion: 75 Resp: 424031

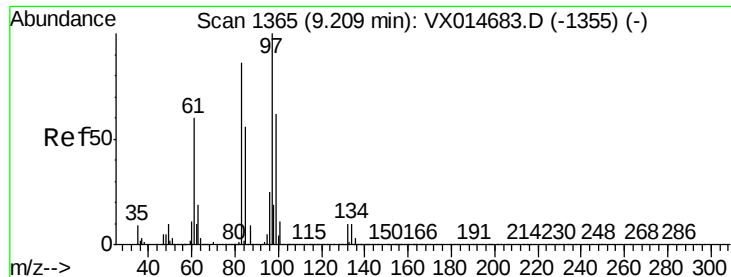
Ion Ratio Lower Upper

75 100

77 32.6 23.9 35.9

39 50.5 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 49.47 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

Tgt Ion: 97 Resp: 253410

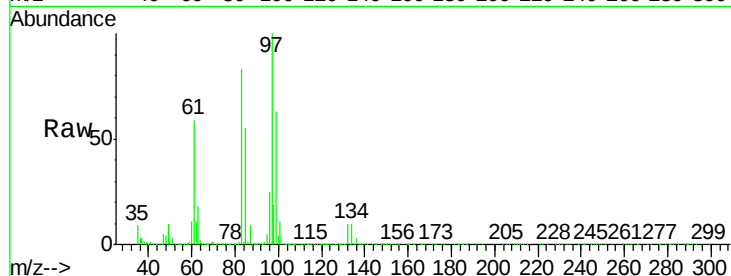
Ion Ratio Lower Upper

97 100

83 83.3 69.2 103.8

85 54.7 44.6 67.0

99 63.0 50.1 75.1

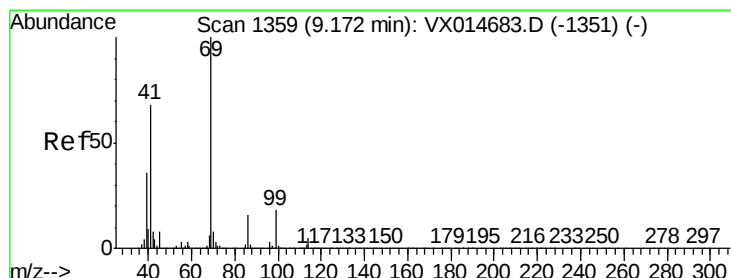
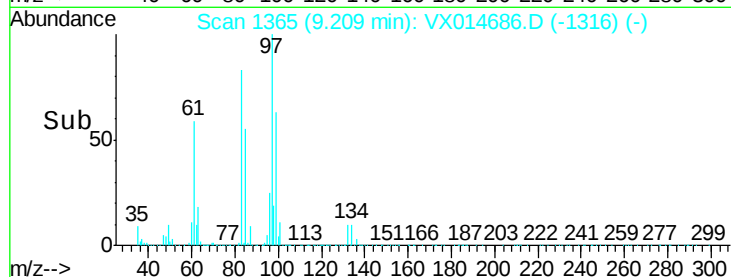
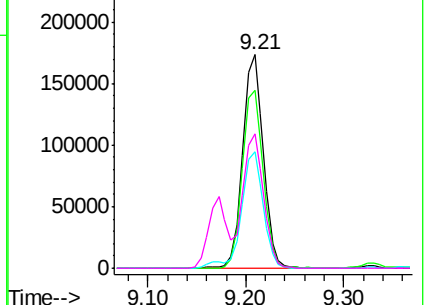


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.14 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

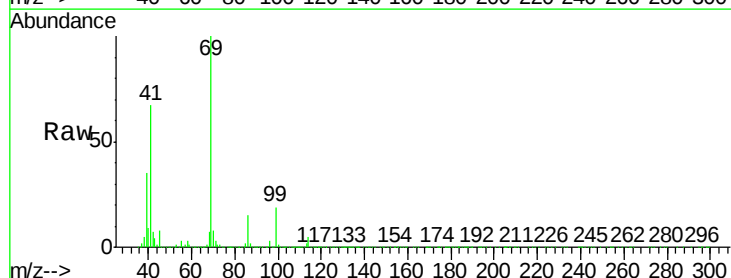
Tgt Ion: 69 Resp: 408491

Ion Ratio Lower Upper

69 100

41 68.7 54.9 82.3

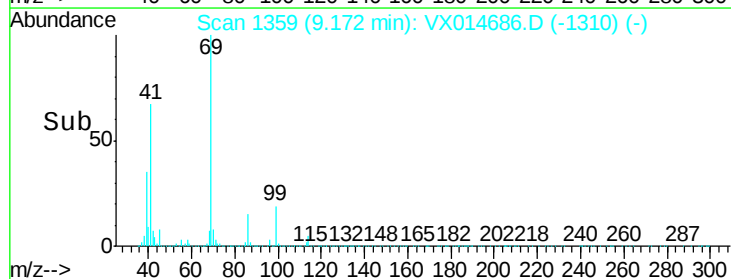
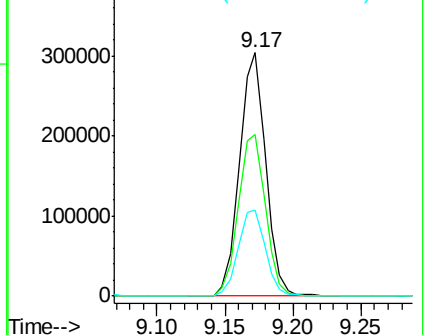
39 36.7 29.3 43.9

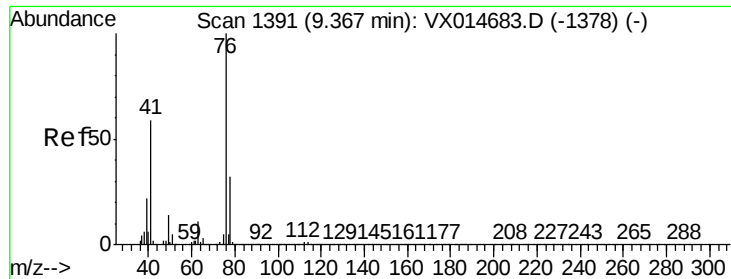


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

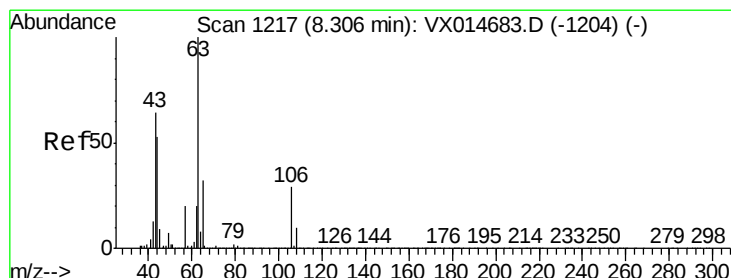
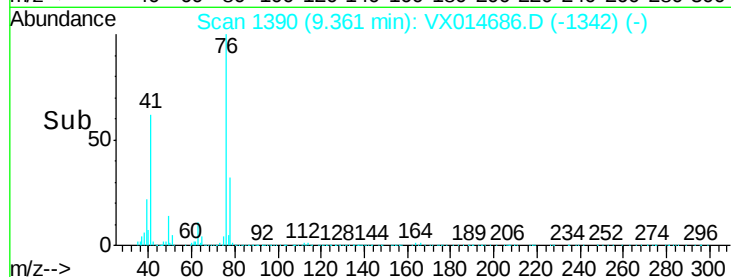
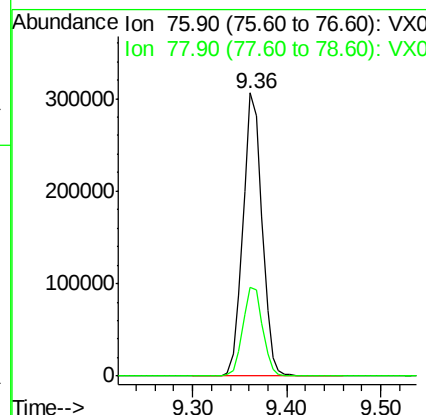
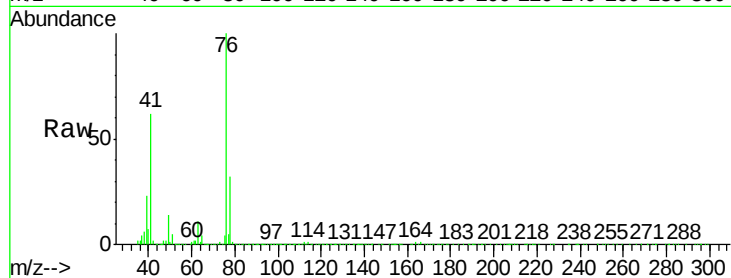




#57
 1,3-Dichloropropane
 Concen: 49.27 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

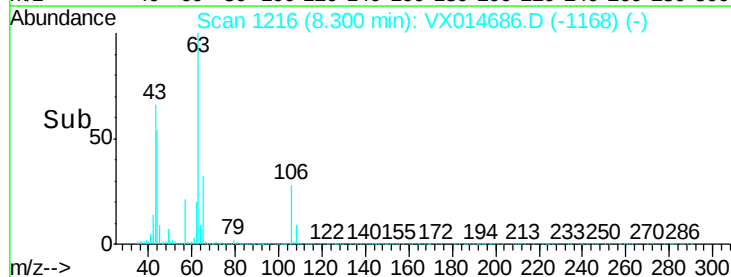
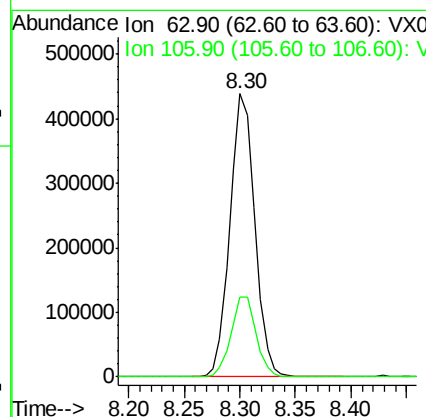
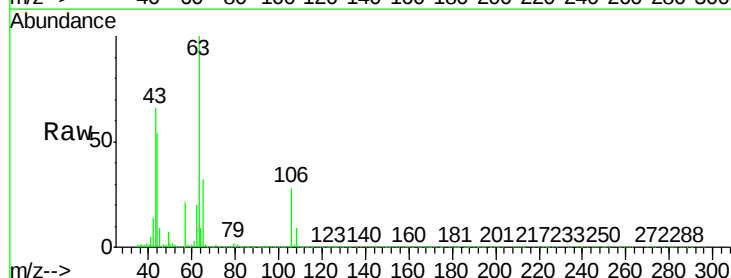
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

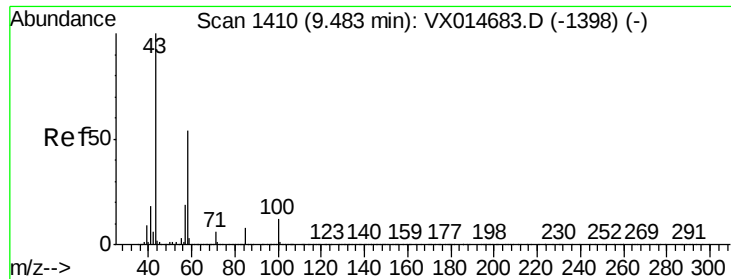
Tgt Ion: 76 Resp: 431454
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.26 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion: 63 Resp: 678248
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1

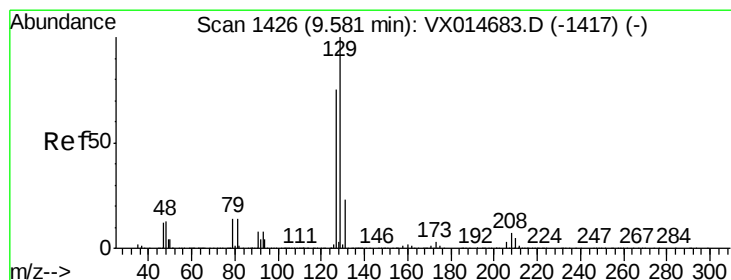
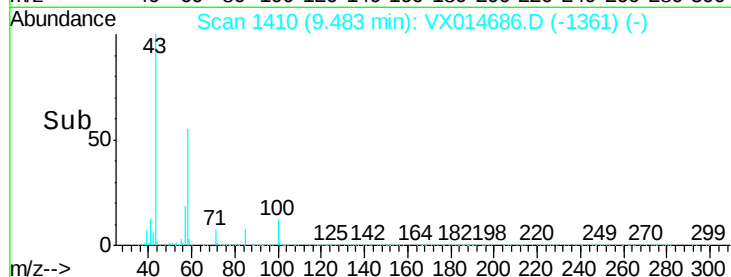
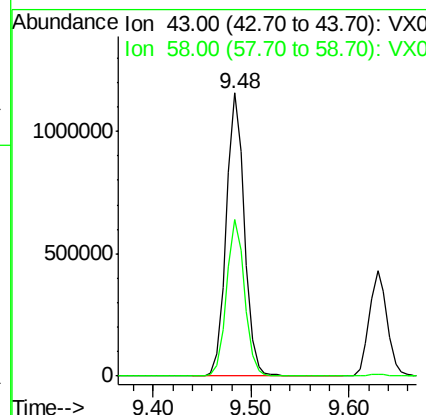
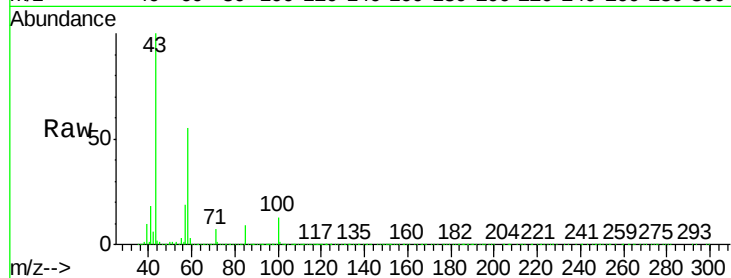




#59
2-Hexanone
Concen: 245.30 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

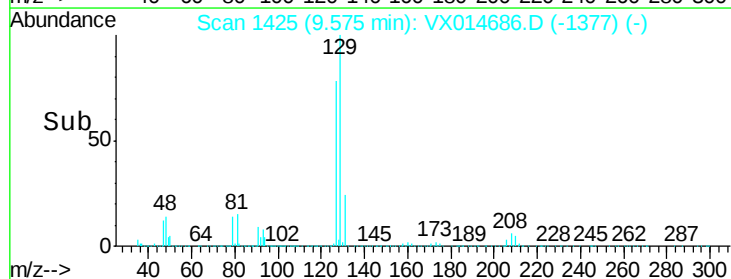
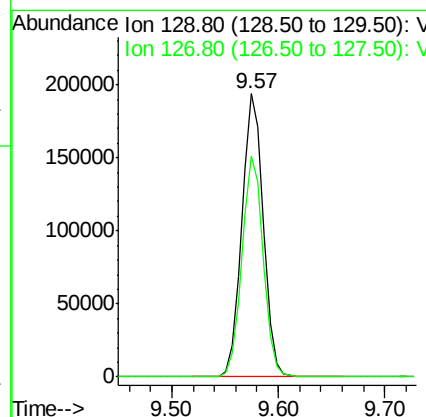
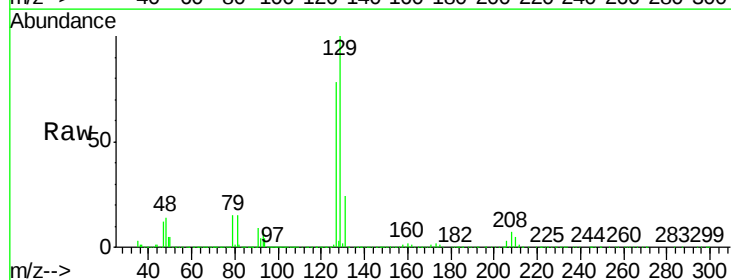
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

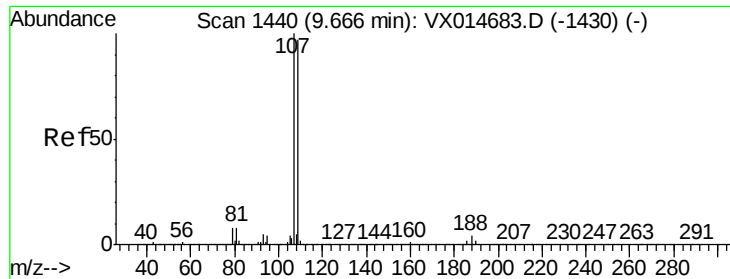
Tgt Ion: 43 Resp: 1484454
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5



#60
Dibromochloromethane
Concen: 51.29 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 129 Resp: 274262
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

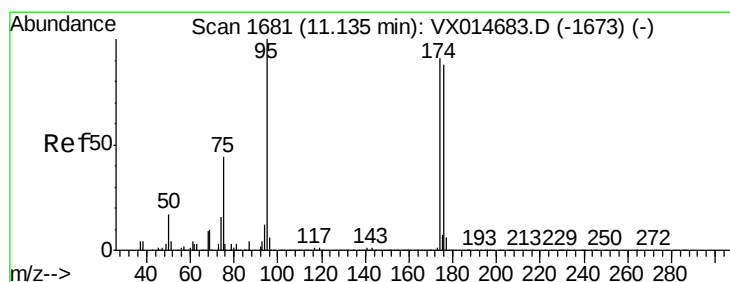
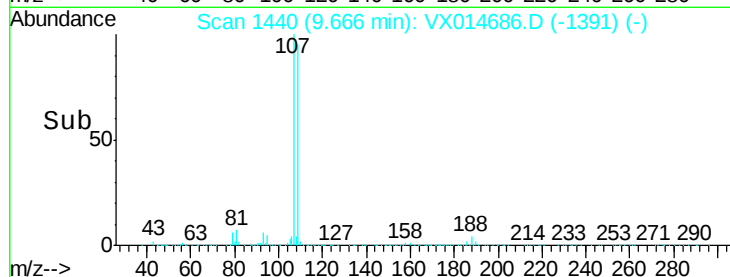
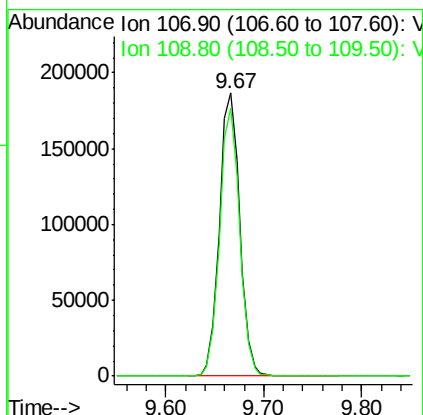
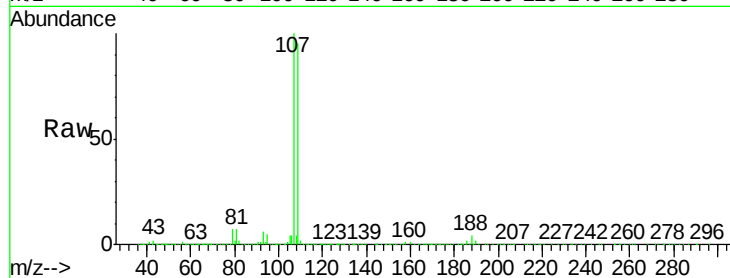




#61
 1,2-Dibromoethane
 Concen: 49.58 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

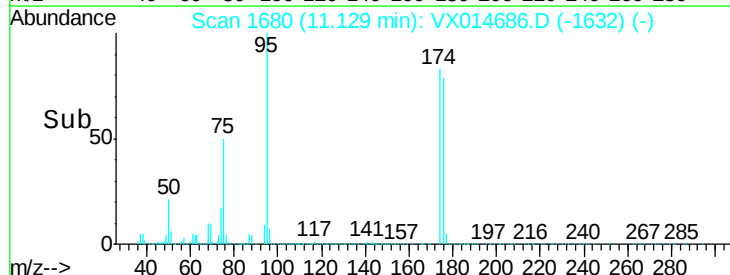
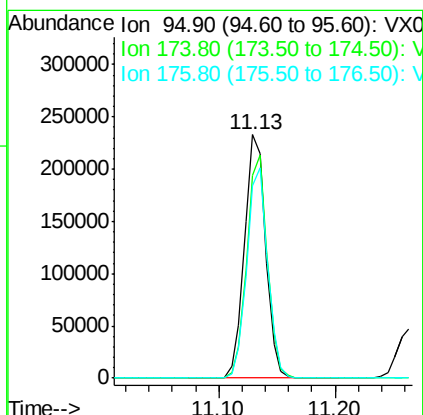
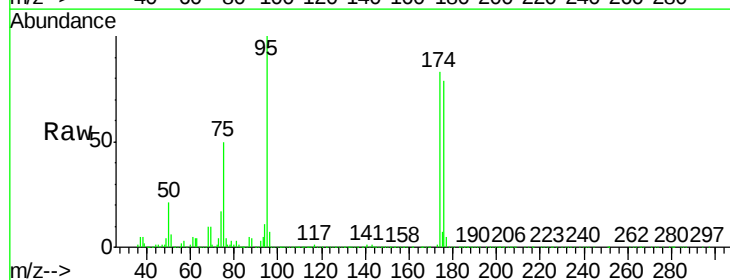
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

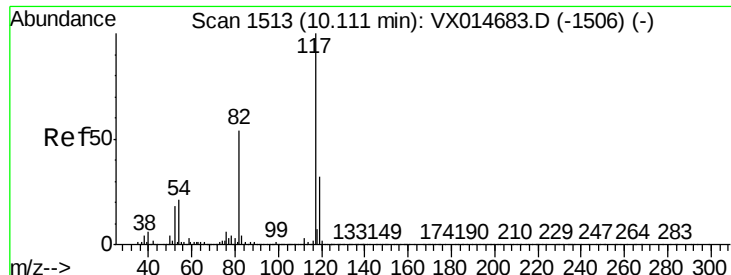
Tgt Ion: 107 Resp: 268568
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.55 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion: 95 Resp: 297425
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 176.0
 176 85.3 0.0 172.2

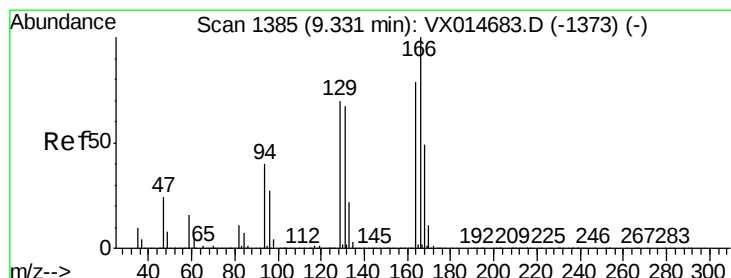
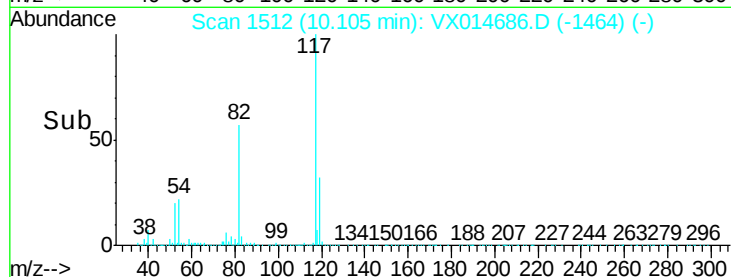
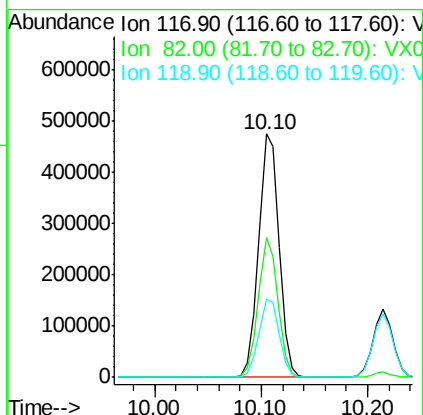
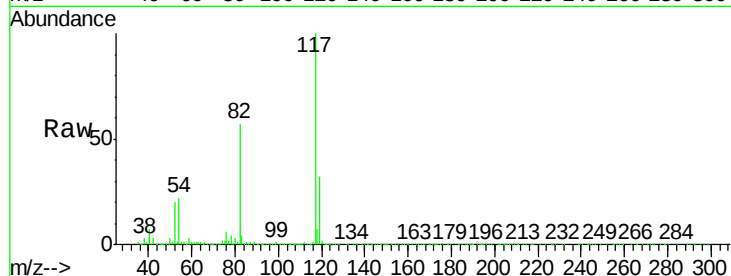




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

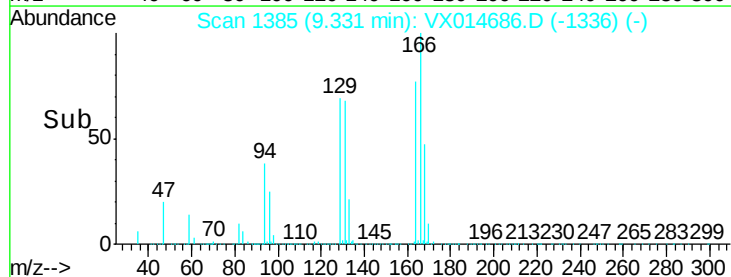
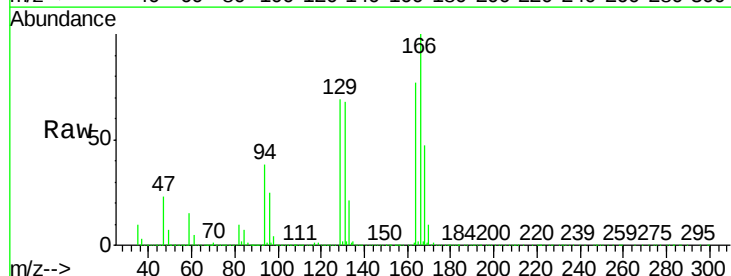
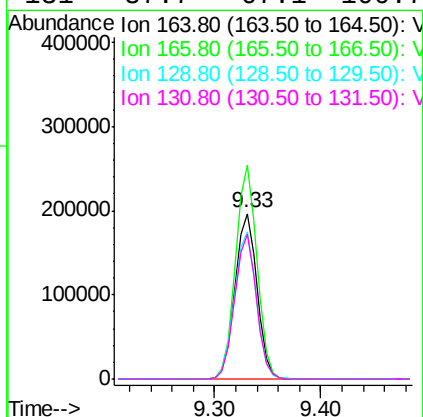
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

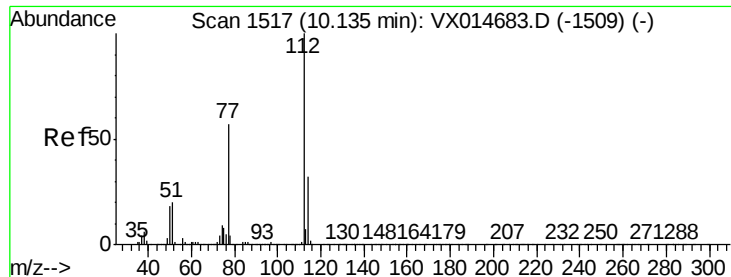
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.2	64.8
119	32.3	25.8	38.6



#64
Tetrachloroethene
Concen: 45.01 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	100.9	151.3
129	89.3	71.0	106.6
131	87.7	67.1	100.7

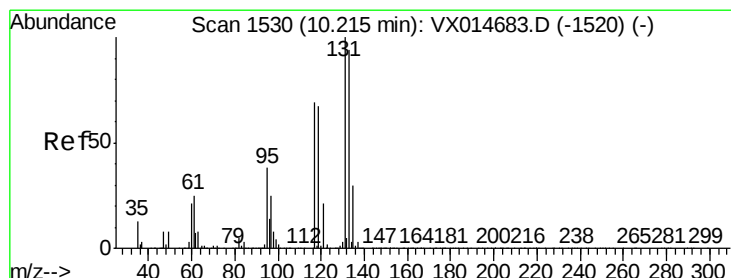
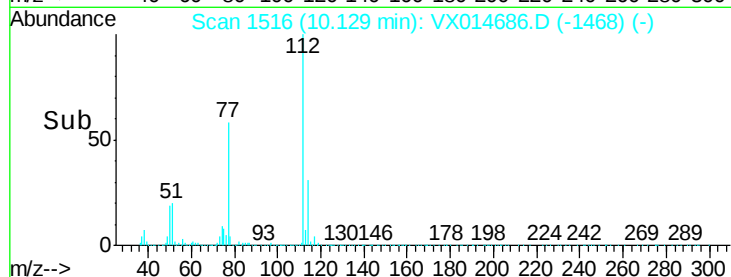
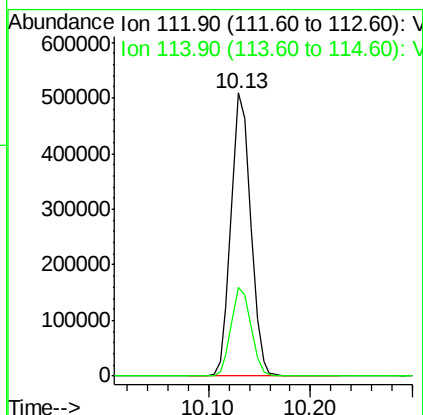
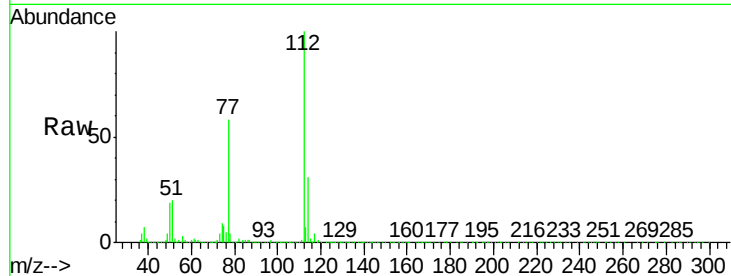




#65
Chlorobenzene
Concen: 49.38 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

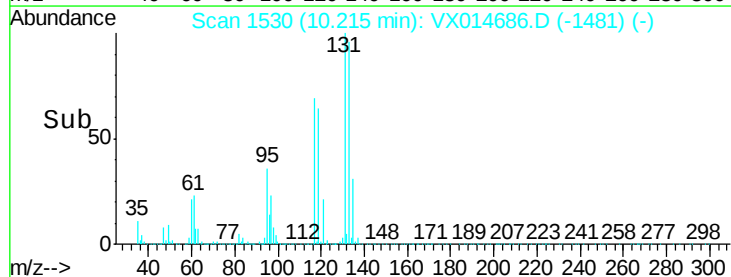
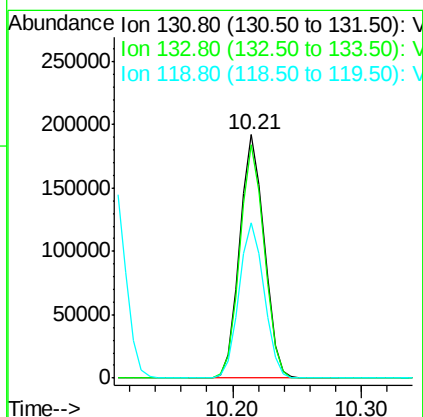
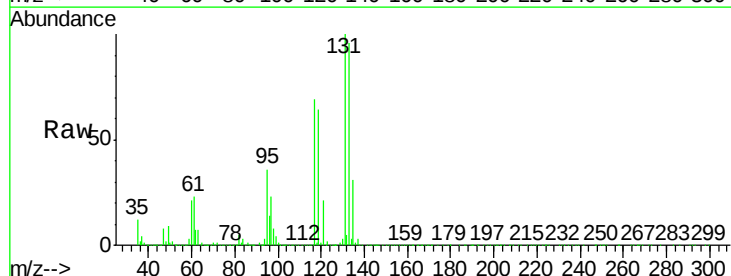
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

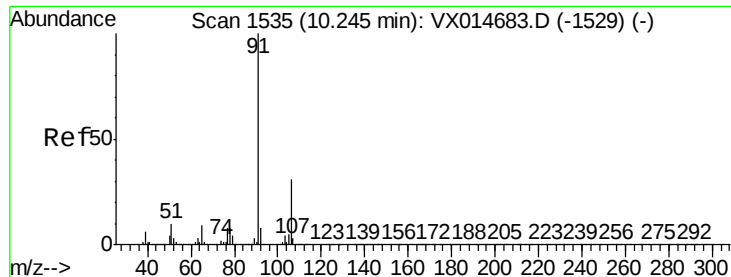
Tgt Ion:112 Resp: 676884
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.20 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion:131 Resp: 253704
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 65.1 33.3 99.8





#67

Ethyl Benzene

Concen: 51.98 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampled :

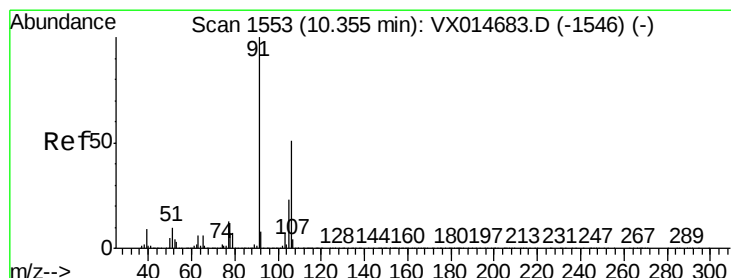
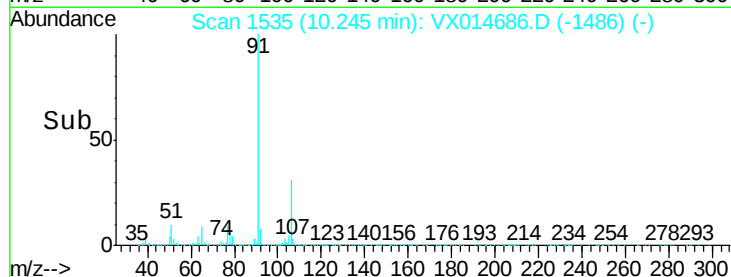
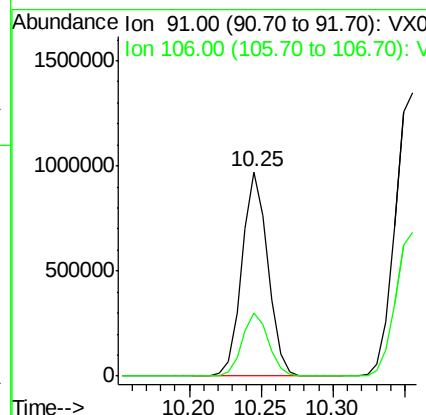
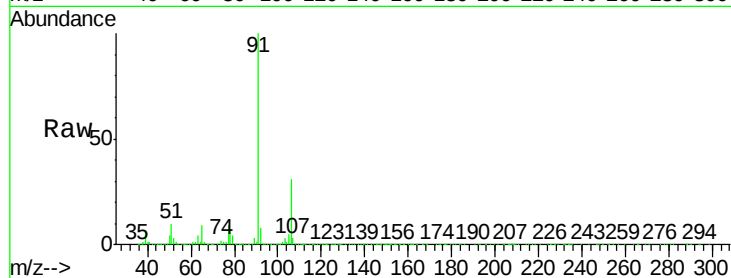
ICVX012220

Tgt Ion: 91 Resp: 1216526

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 104.18 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014686.D

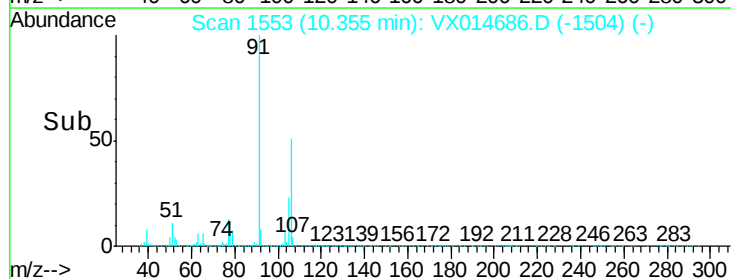
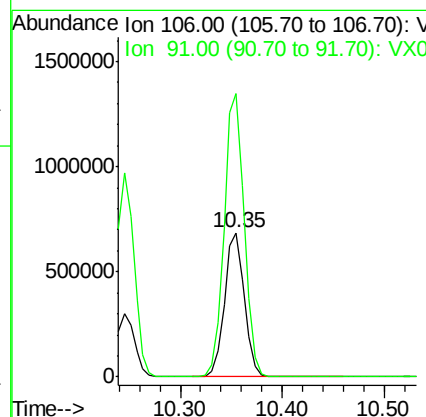
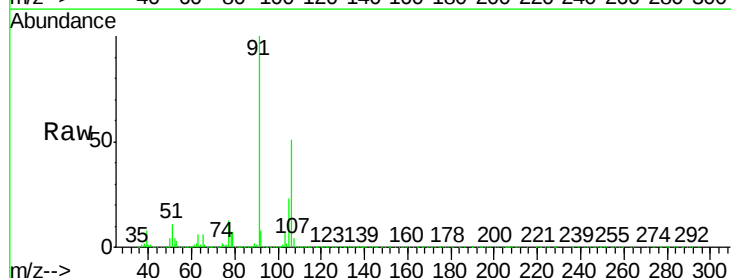
Acq: 22 Jan 2020 12:57

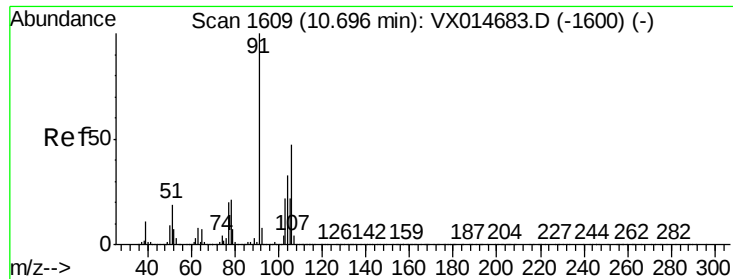
Tgt Ion: 106 Resp: 923782

Ion Ratio Lower Upper

106 100

91 199.7 159.4 239.2

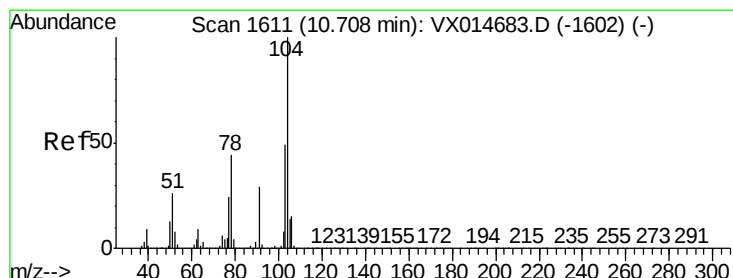
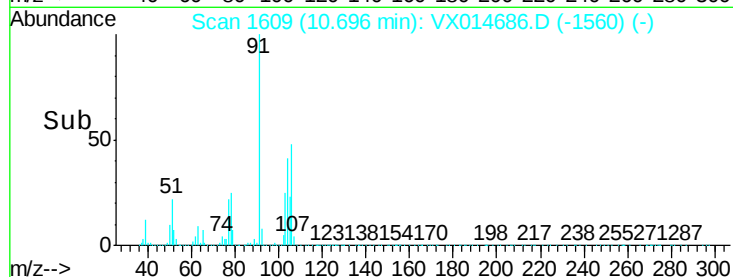
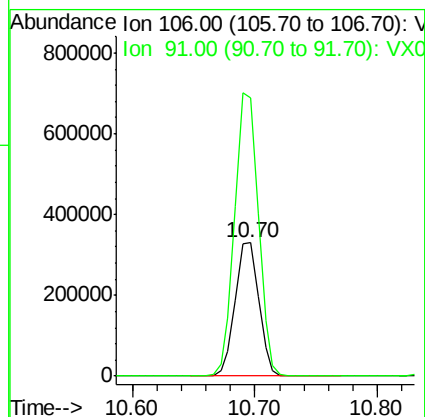
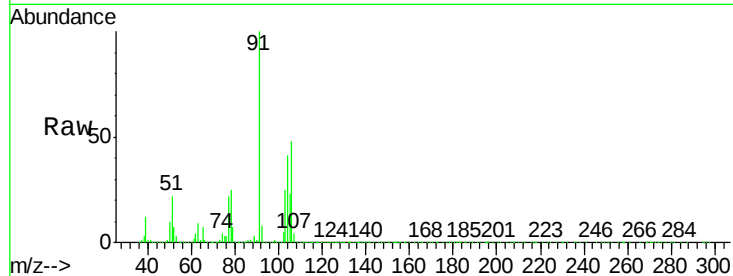




#69
o-Xylene
Concen: 51.73 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

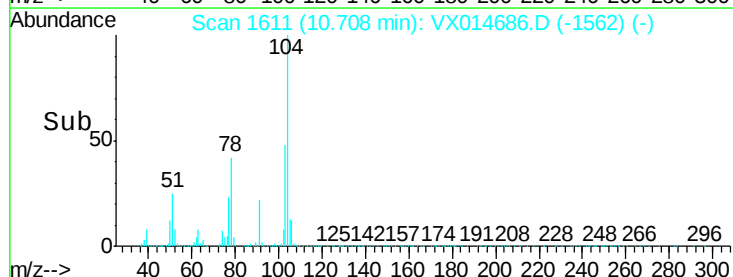
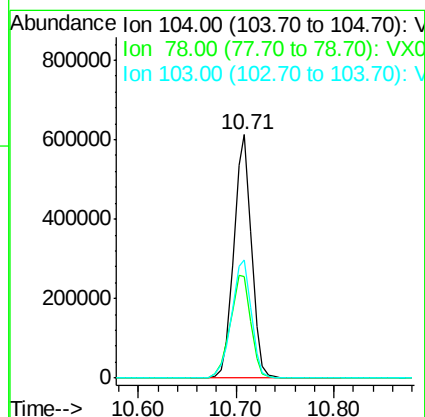
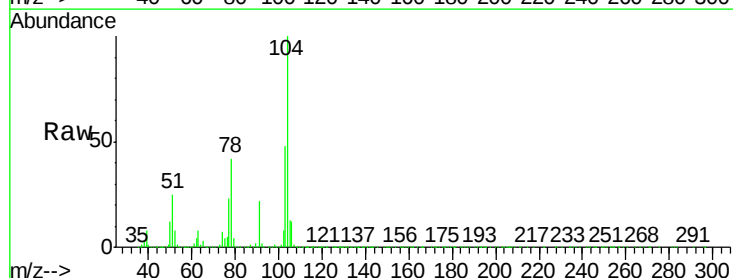
Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

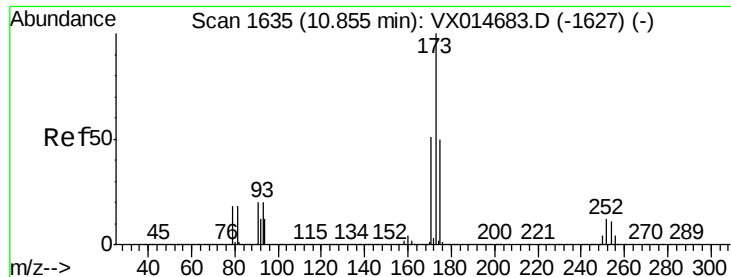
Tgt Ion:106 Resp: 442854
Ion Ratio Lower Upper
106 100
91 211.9 106.2 318.6



#70
Styrene
Concen: 53.34 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion:104 Resp: 765952
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 54.3 43.5 65.3





#71

Bromoform

Concen: 52.04 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

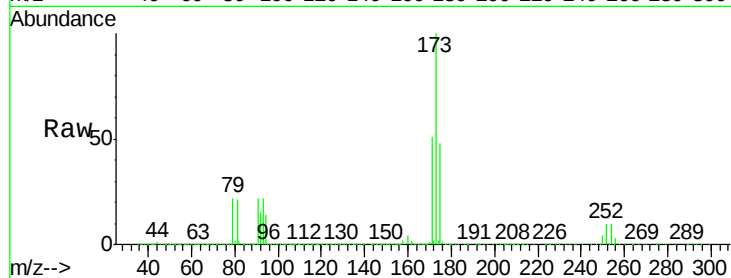
Tgt Ion:173 Resp: 209175

Ion Ratio Lower Upper

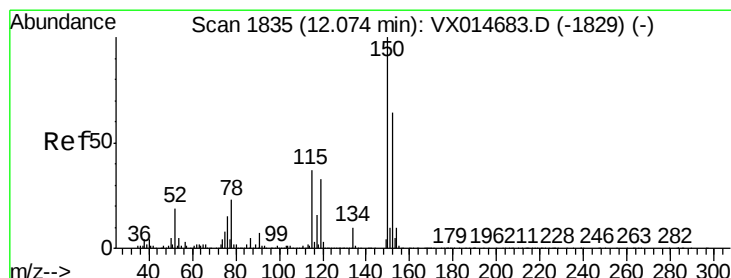
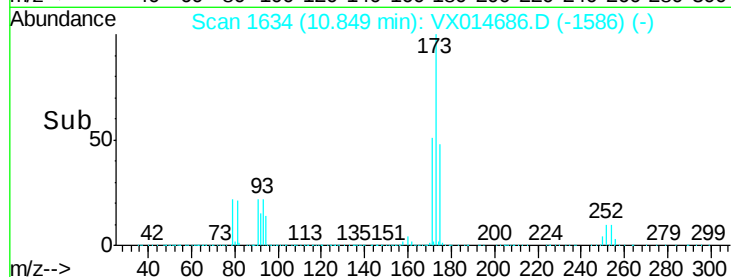
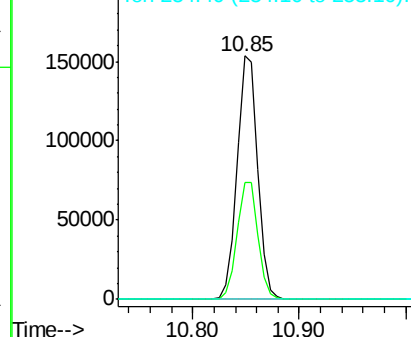
173 100

175 48.9 24.6 73.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

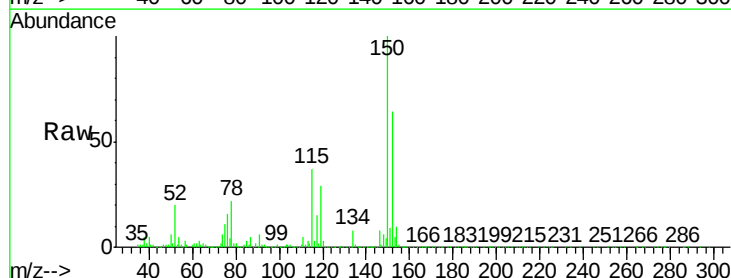
Tgt Ion:152 Resp: 326858

Ion Ratio Lower Upper

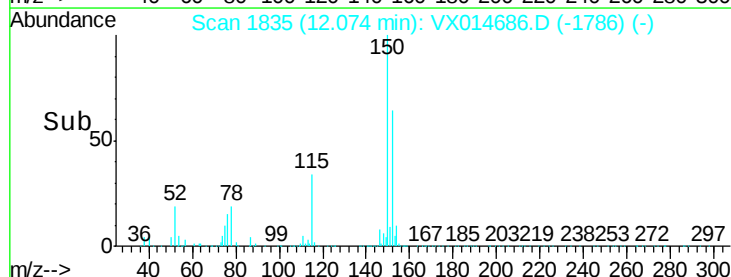
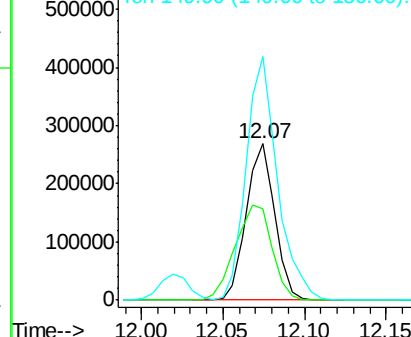
152 100

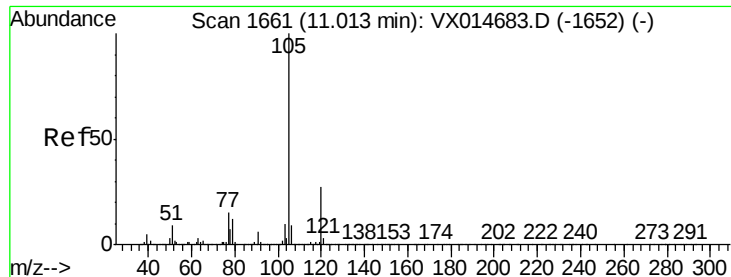
115 78.4 39.4 118.1

150 171.8 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.90 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampled :

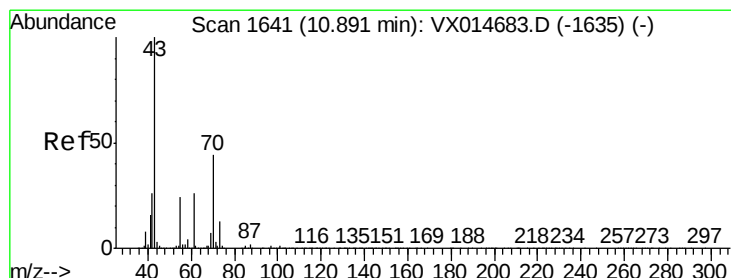
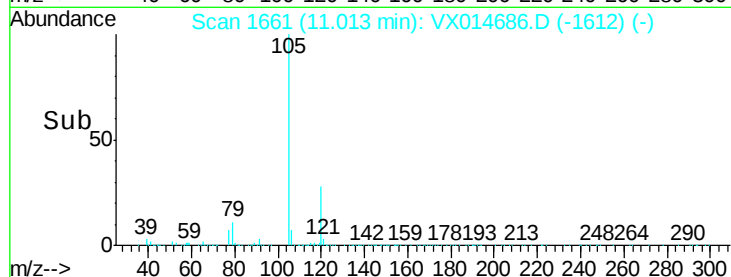
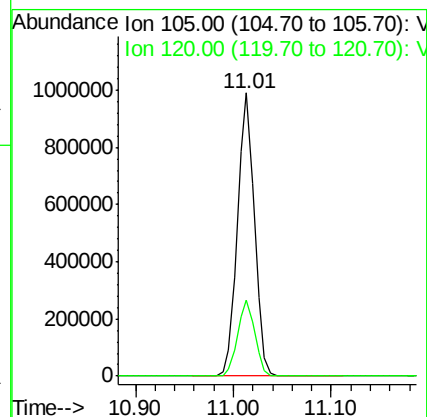
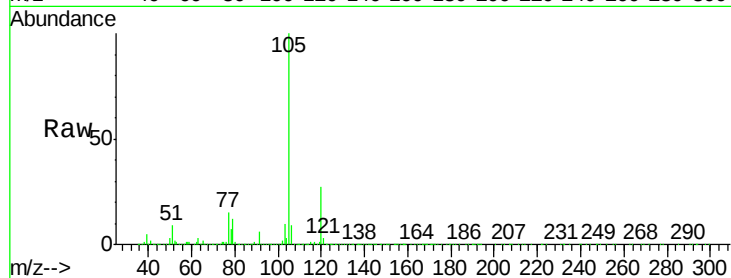
ICVVX012220

Tgt Ion: 105 Resp: 1192729

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 53.54 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion: 43 Resp: 539191

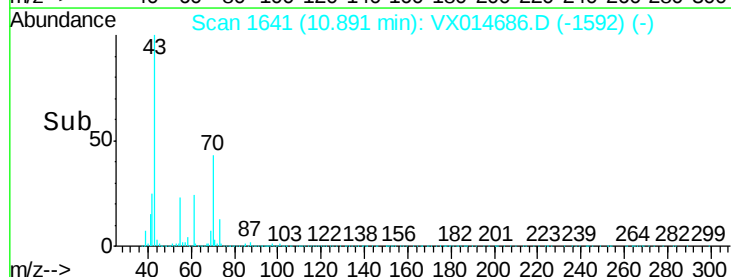
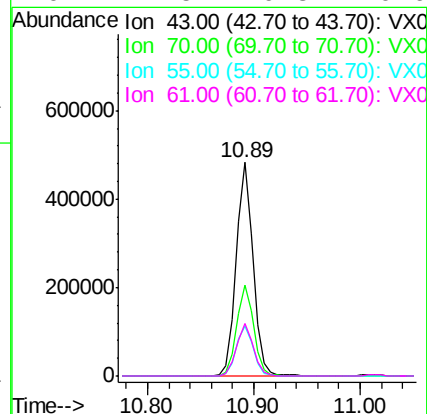
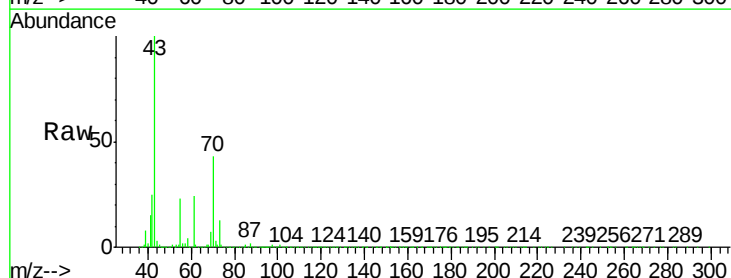
Ion Ratio Lower Upper

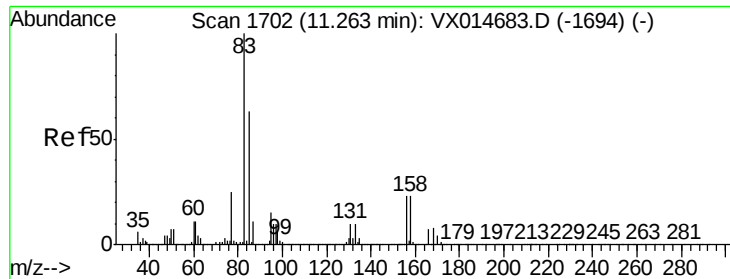
43 100

70 42.9 34.6 52.0

55 24.1 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.02 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

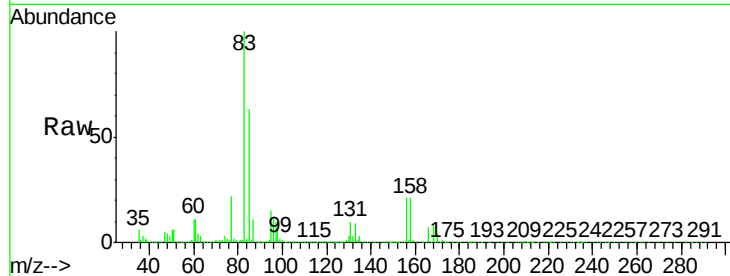
Tgt Ion: 83 Resp: 385816

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

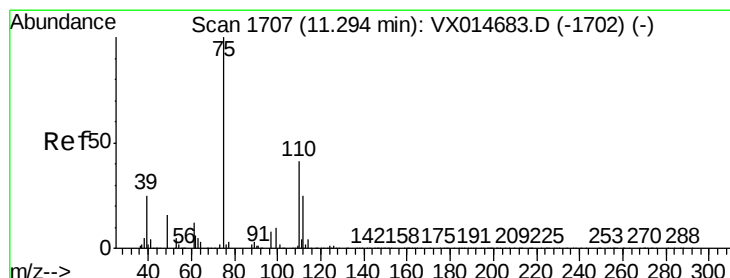
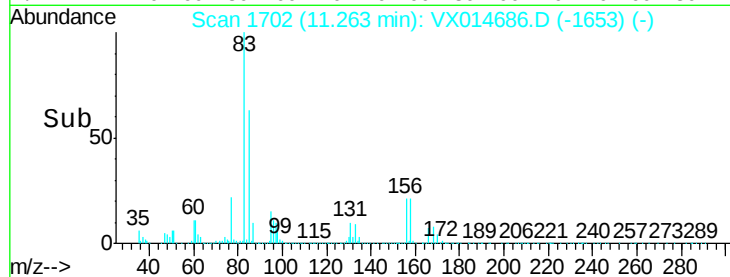
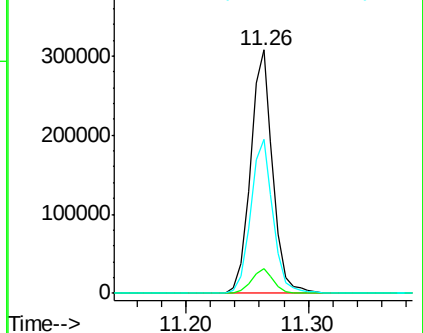
85 63.9 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.02 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014686.D

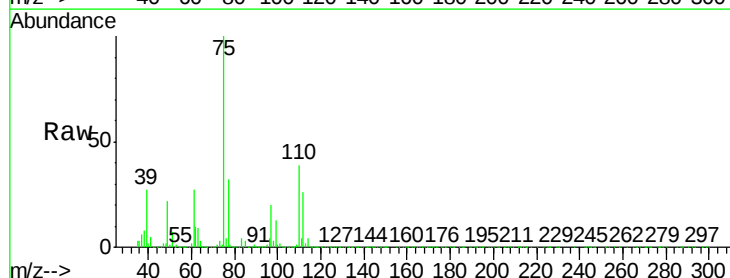
Acq: 22 Jan 2020 12:57

Tgt Ion: 75 Resp: 456426

Ion Ratio Lower Upper

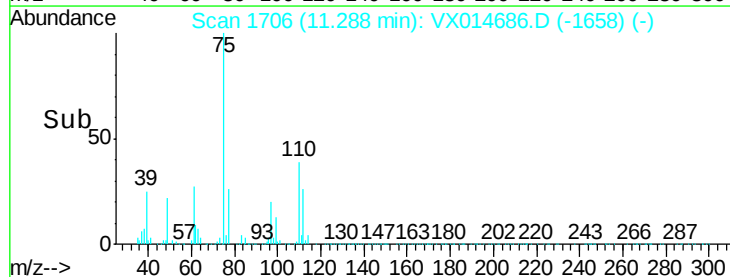
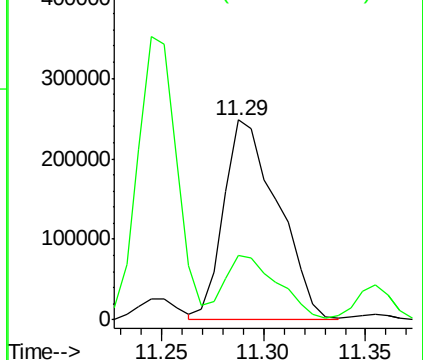
75 100

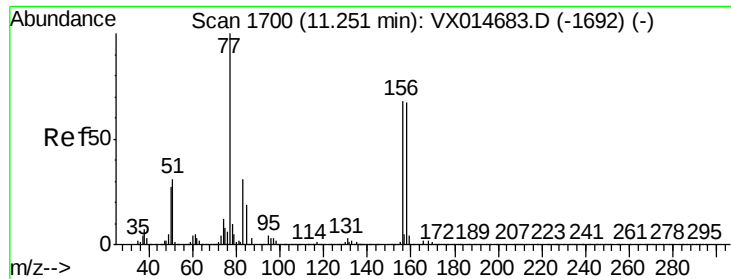
77 32.2 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.16 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVX012220

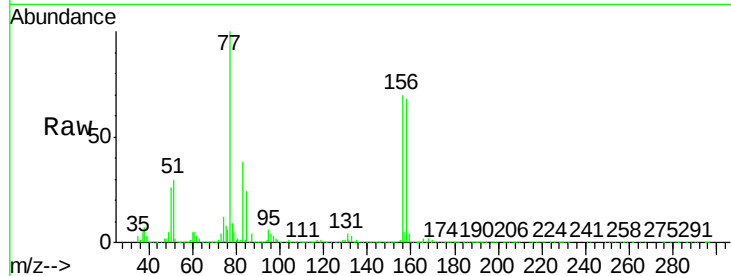
Tgt Ion: 156 Resp: 303550

Ion Ratio Lower Upper

156 100

77 153.3 77.5 232.5

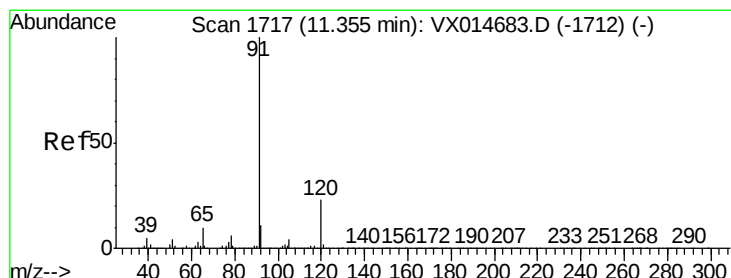
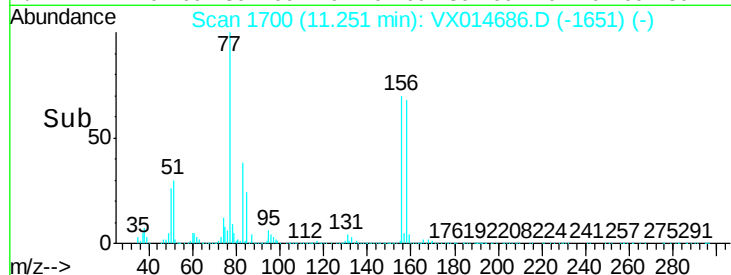
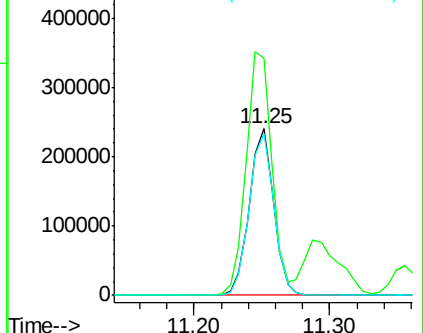
158 98.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.84 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014686.D

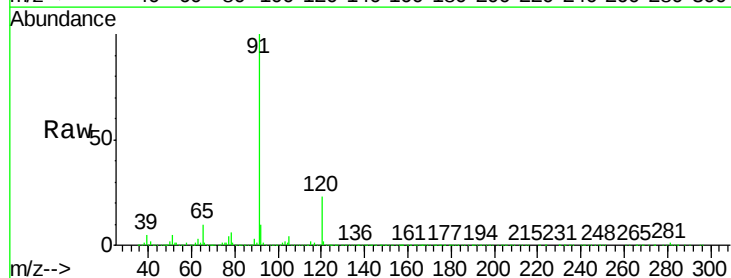
Acq: 22 Jan 2020 12:57

Tgt Ion: 91 Resp: 1378548

Ion Ratio Lower Upper

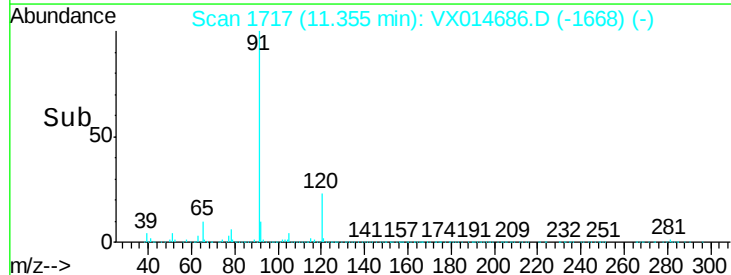
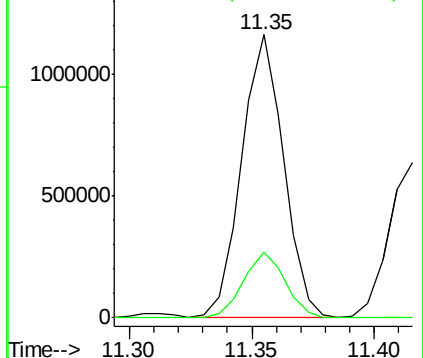
91 100

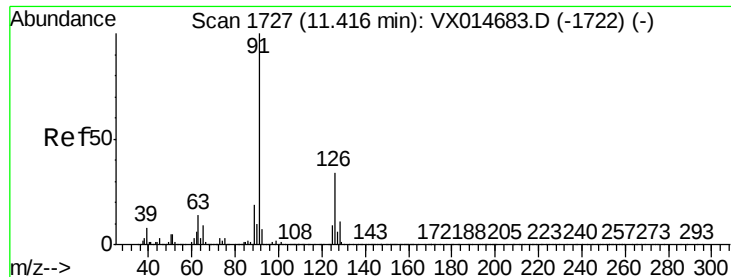
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.40 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

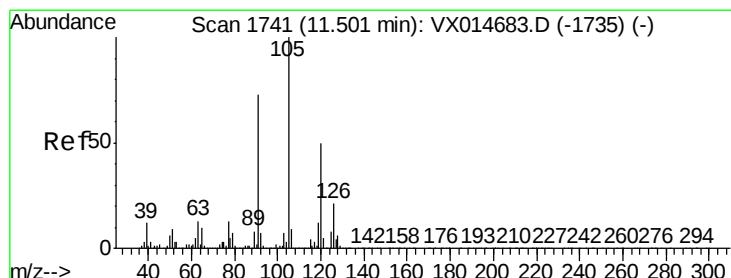
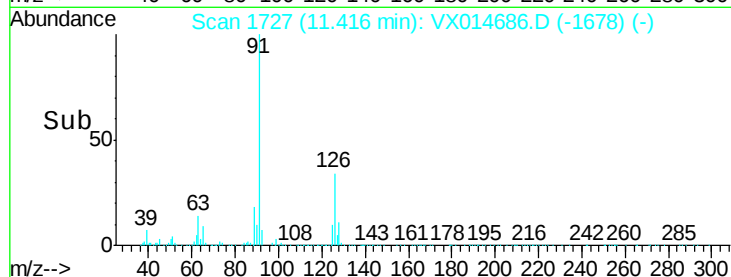
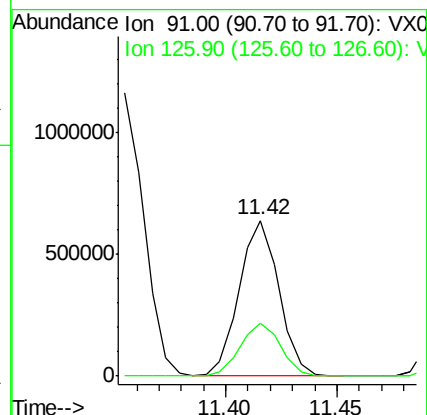
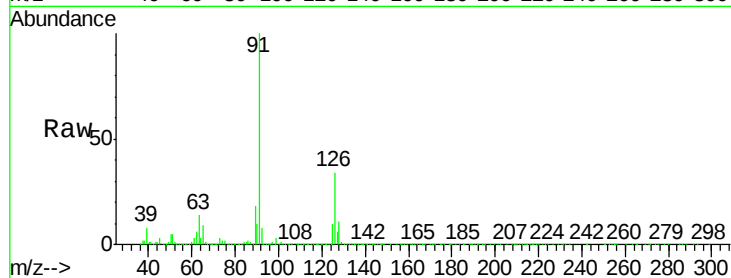
ICVVX012220

Tgt Ion: 91 Resp: 795504

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 52.33 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014686.D

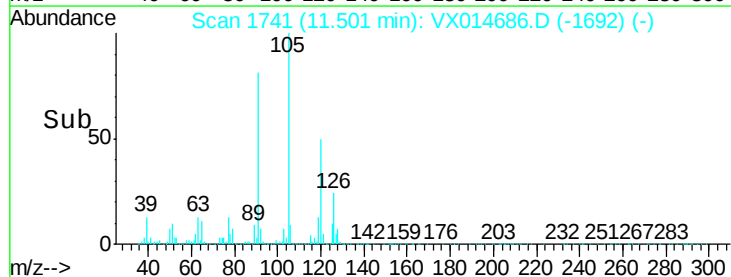
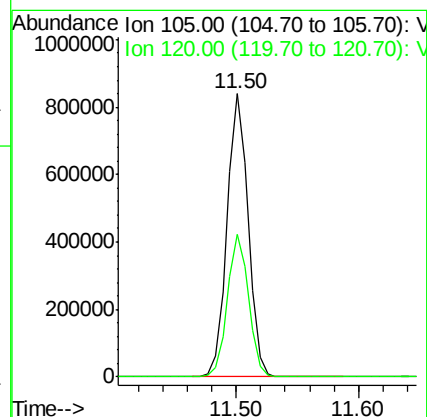
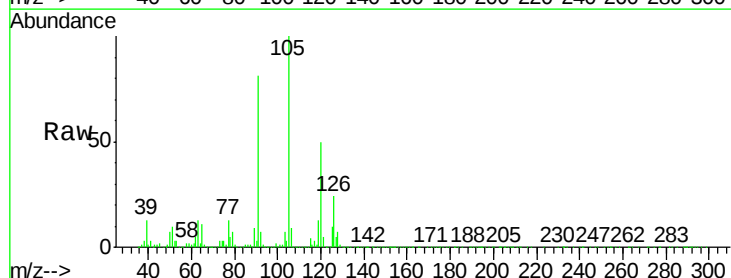
Acq: 22 Jan 2020 12:57

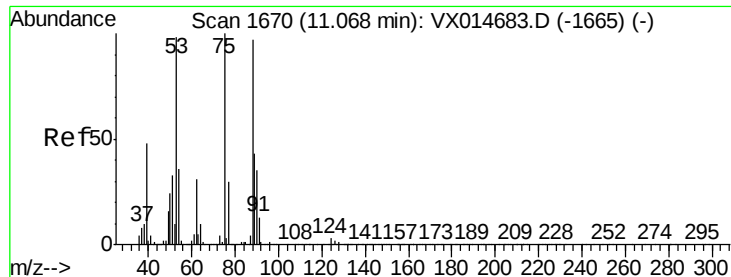
Tgt Ion: 105 Resp: 998092

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.12 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

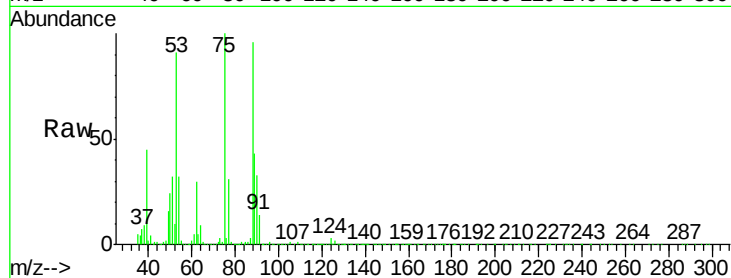
Tgt Ion: 75 Resp: 139272

Ion Ratio Lower Upper

75 100

53 94.9 78.8 118.2

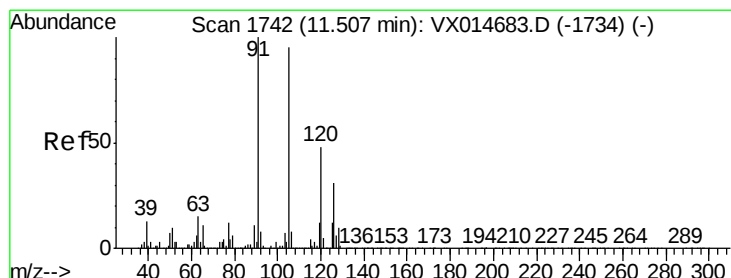
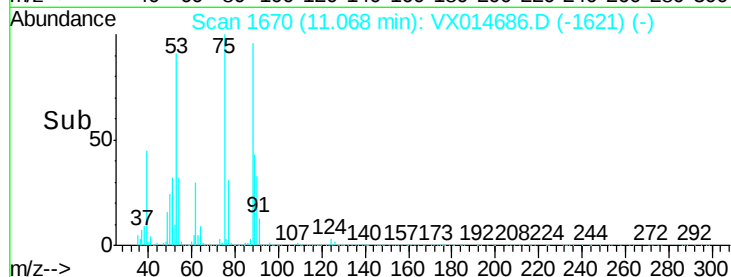
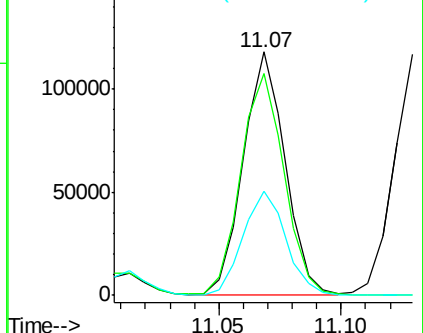
89 44.5 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.79 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014686.D

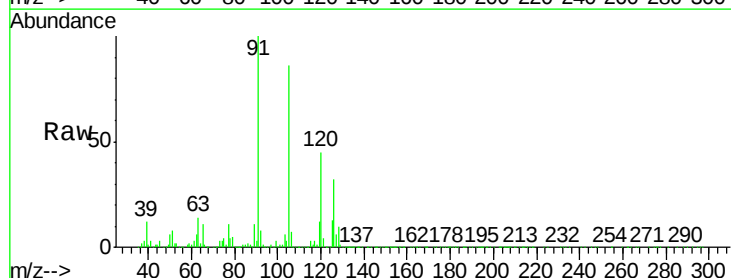
Acq: 22 Jan 2020 12:57

Tgt Ion: 91 Resp: 930696

Ion Ratio Lower Upper

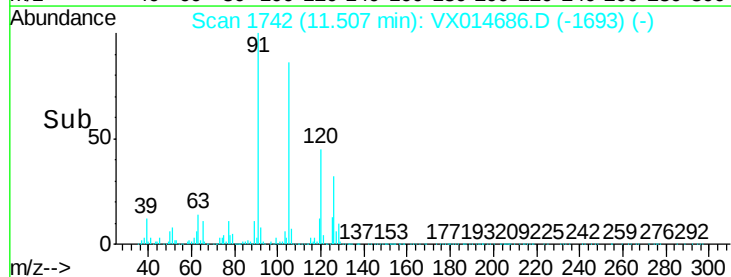
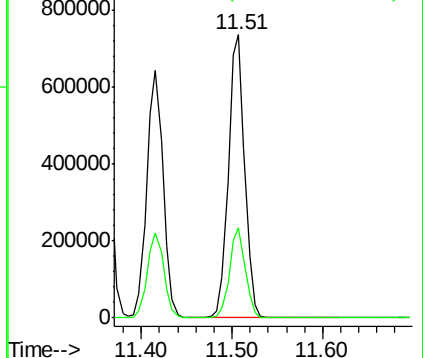
91 100

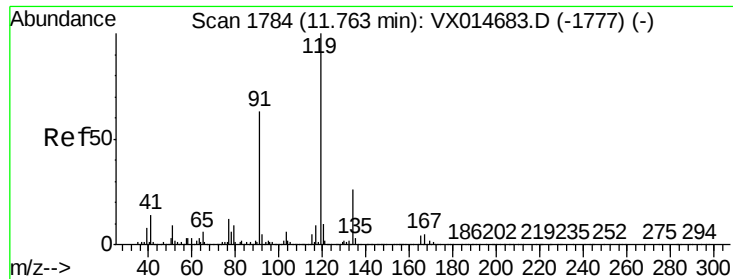
126 30.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

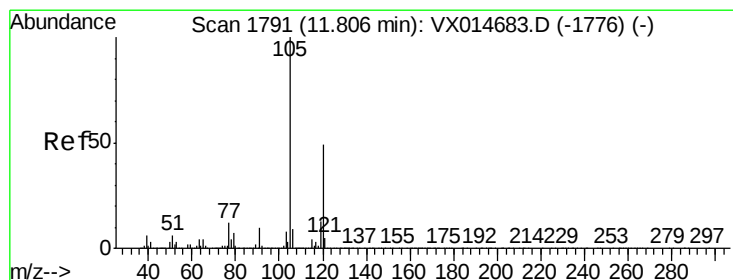
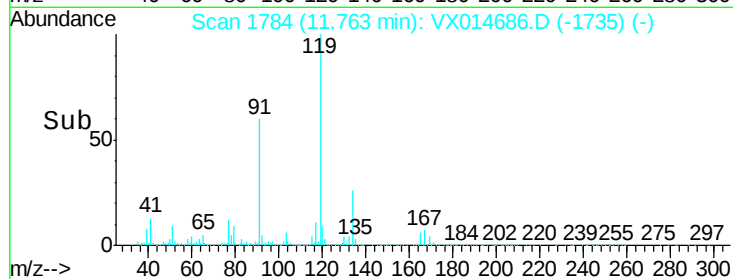
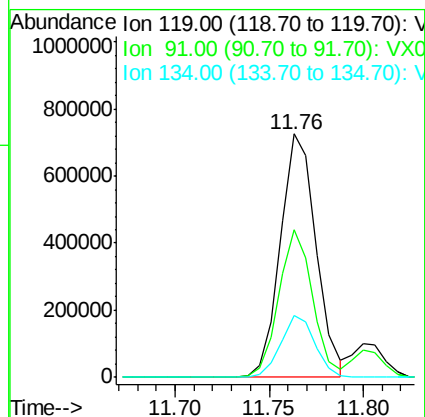
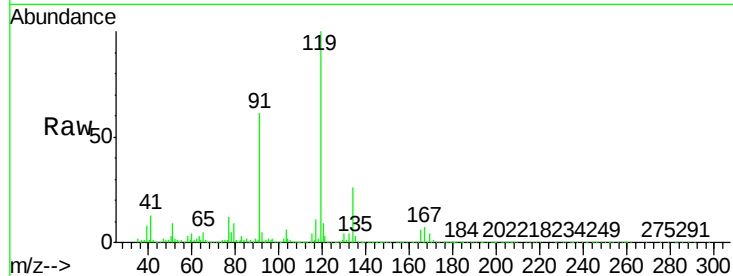




#83
 tert-Butylbenzene
 Concen: 53.09 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

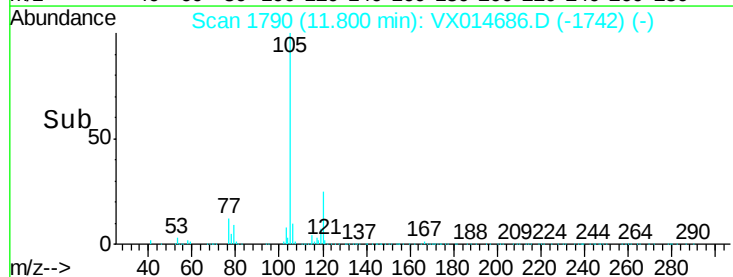
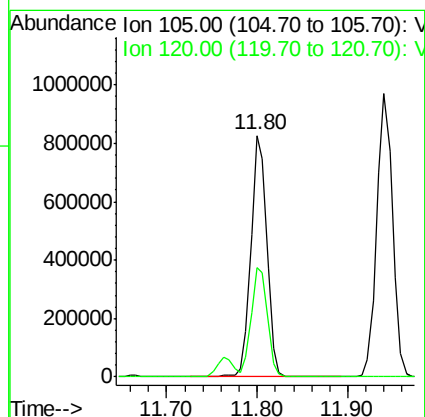
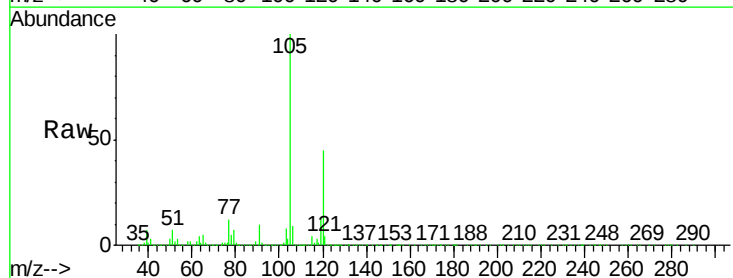
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

Tgt Ion:	119	Resp:	951541
Ion	Ratio	Lower	Upper
119	100		
91	57.3	30.0	90.0
134	24.4	12.7	38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.69 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion:	105	Resp:	1008171
Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.4	70.0





#85

sec-Butylbenzene

Concen: 53.42 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

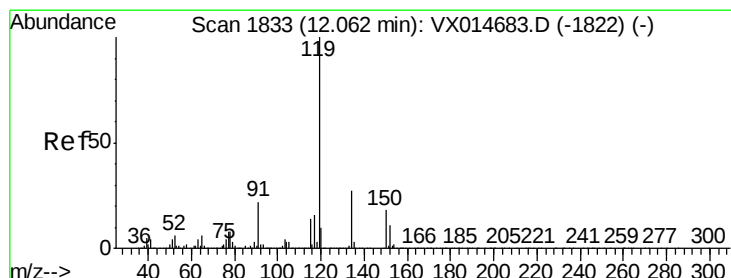
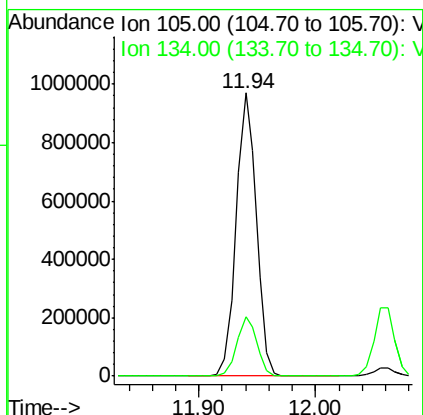
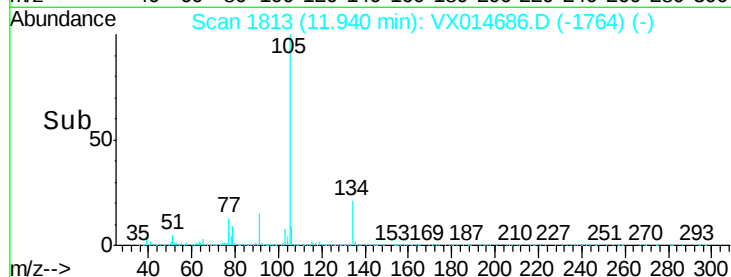
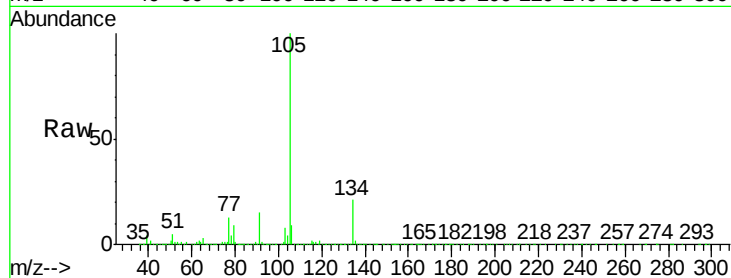
ICVX012220

Tgt Ion:105 Resp: 1173052

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 53.42 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

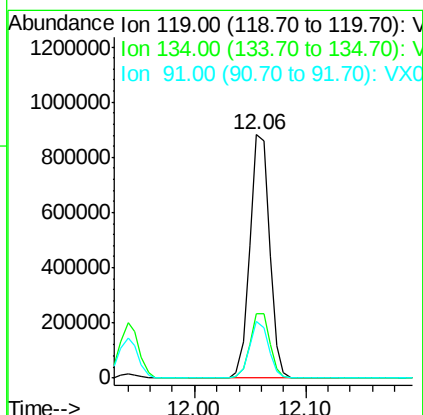
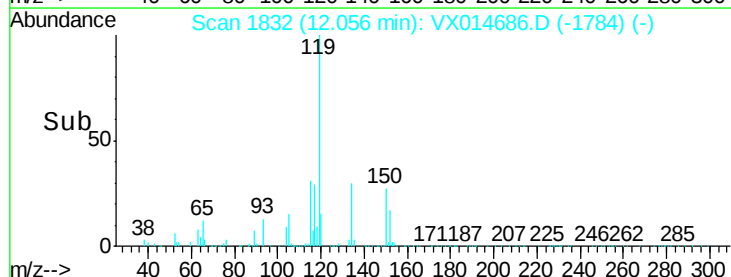
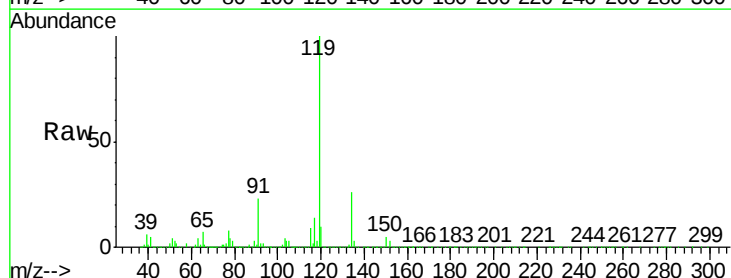
Tgt Ion:119 Resp: 1084067

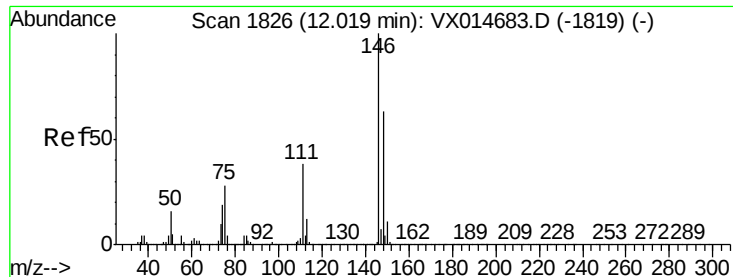
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.20 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

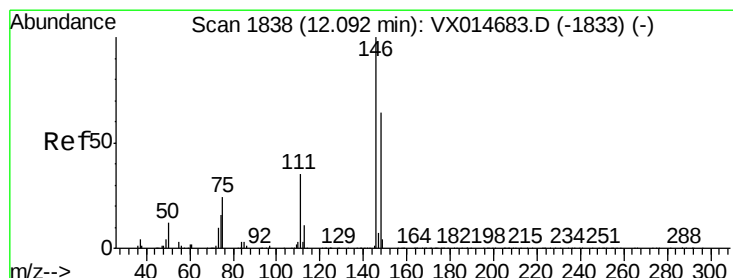
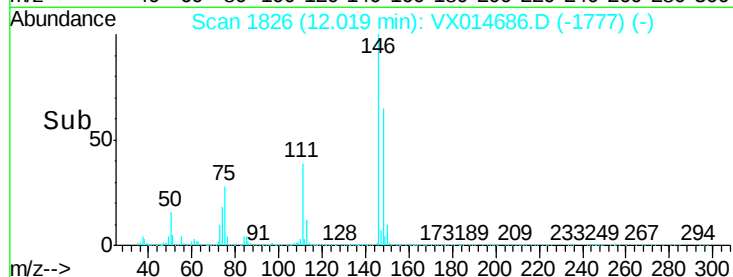
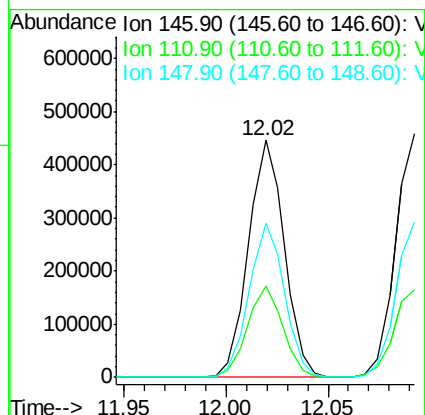
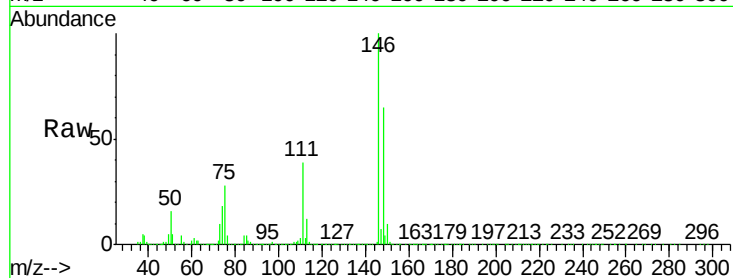
Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tgt Ion:146 Resp: 545908

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.1	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 49.28 ug/l

RT: 12.09 min Scan# 1838

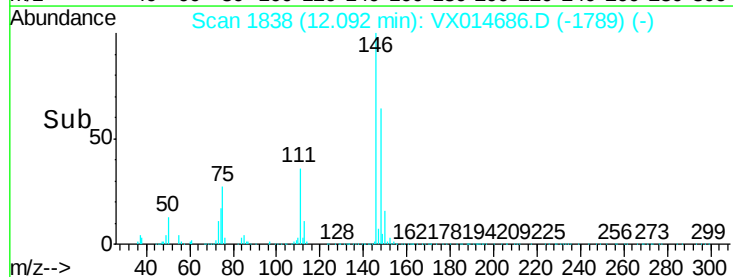
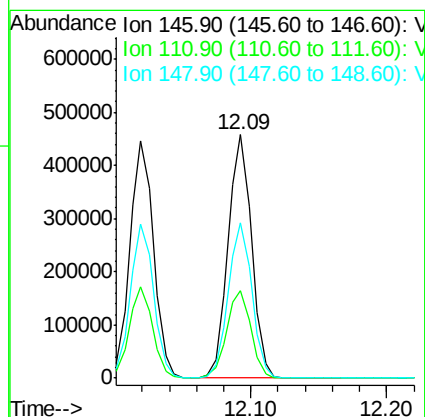
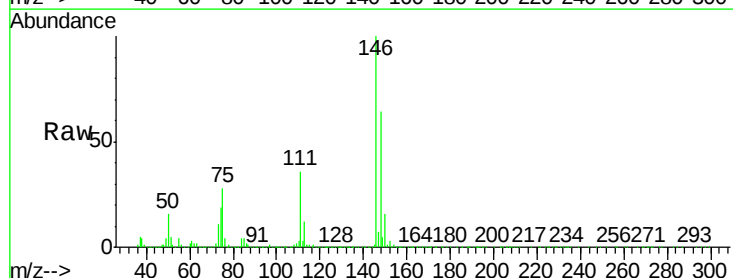
Delta R.T. 0.00 min

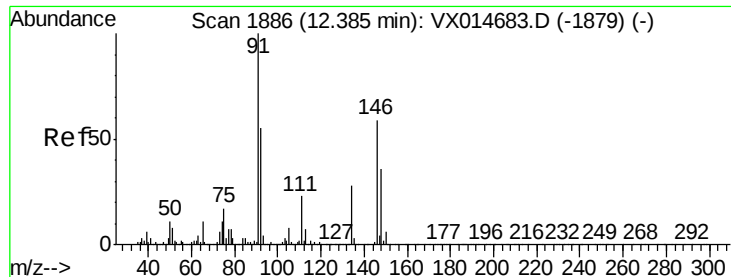
Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Tgt Ion:146 Resp: 547745

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.2	32.0	96.2

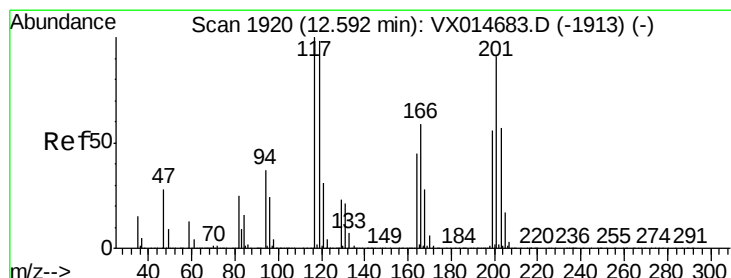
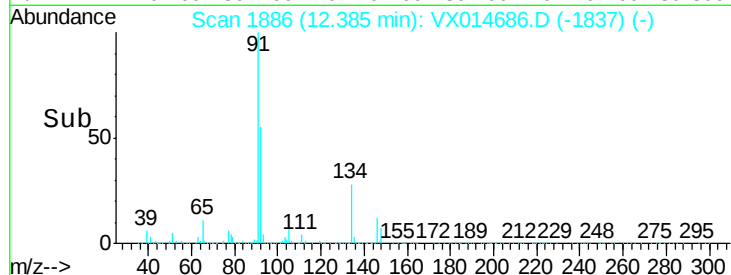
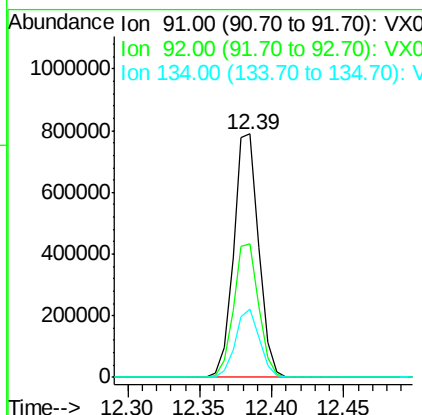
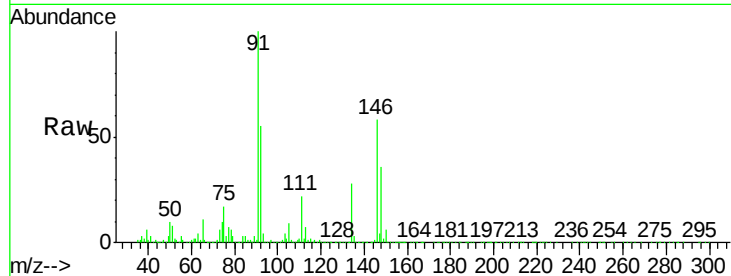




#89
n-Butylbenzene
Concen: 54.41 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

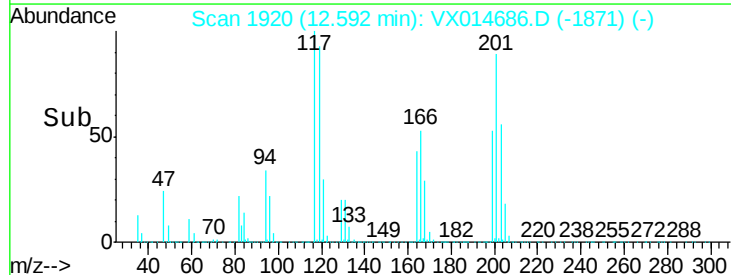
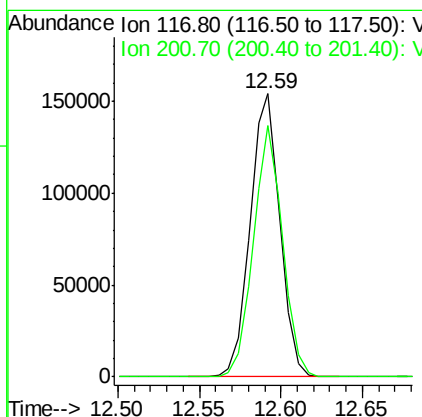
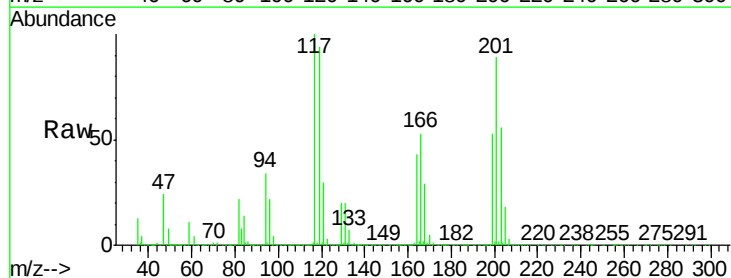
Instrument :
MSVOA_X
ClientSampled :
ICVVX012220

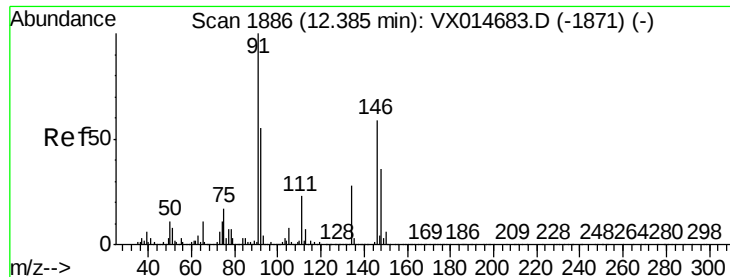
Tgt Ion: 91 Resp: 961563
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.7
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 51.50 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion: 117 Resp: 194104
Ion Ratio Lower Upper
117 100
201 87.3 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 49.83 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX012220

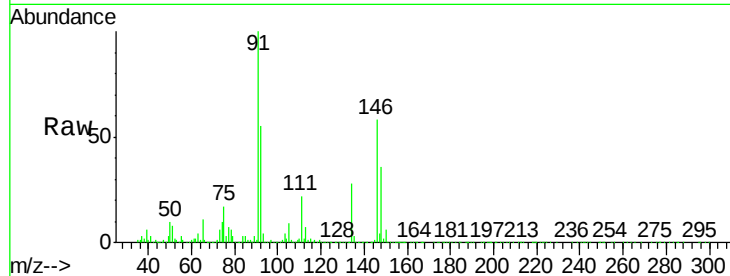
Tgt Ion:146 Resp: 549163

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

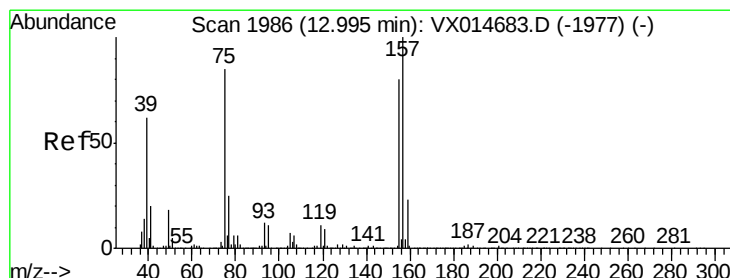
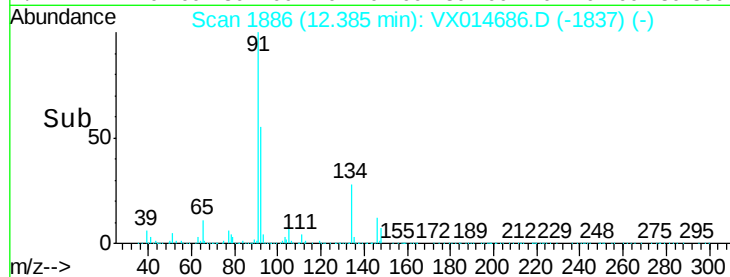
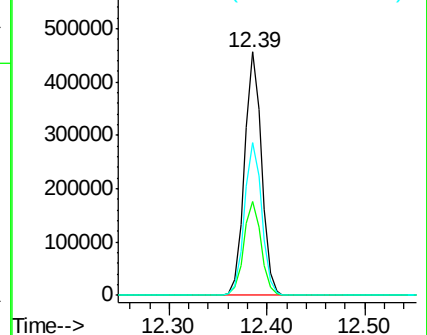
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.34 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014686.D

Acq: 22 Jan 2020 12:57

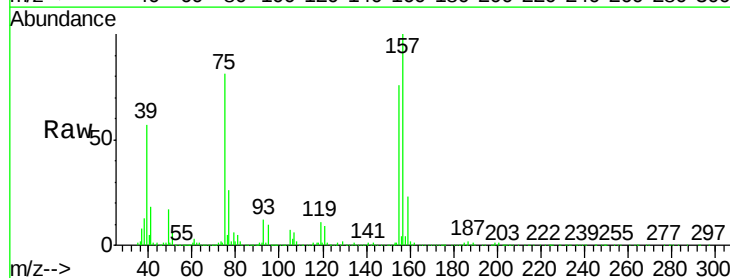
Tgt Ion: 75 Resp: 85229

Ion Ratio Lower Upper

75 100

155 93.2 45.6 136.9

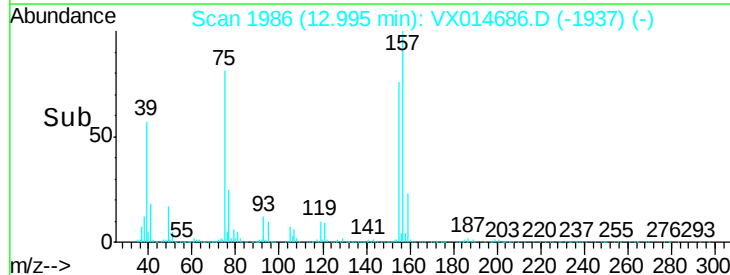
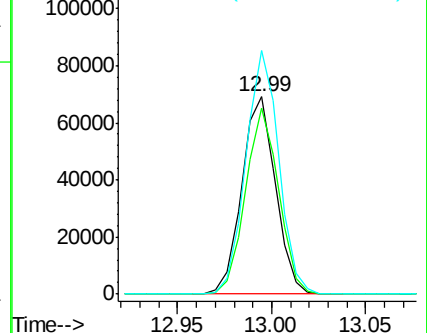
157 121.1 60.3 180.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

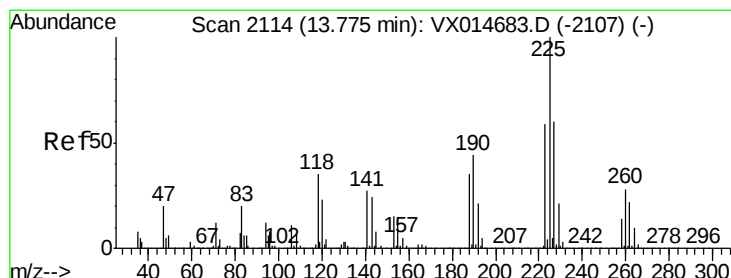
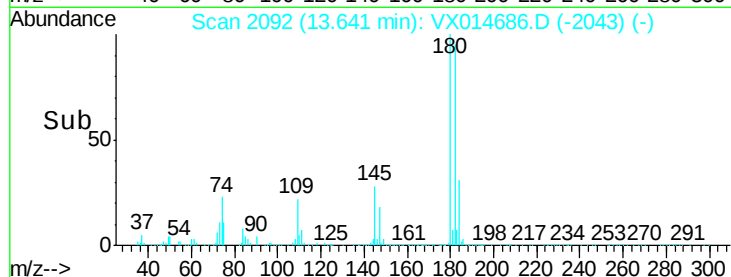
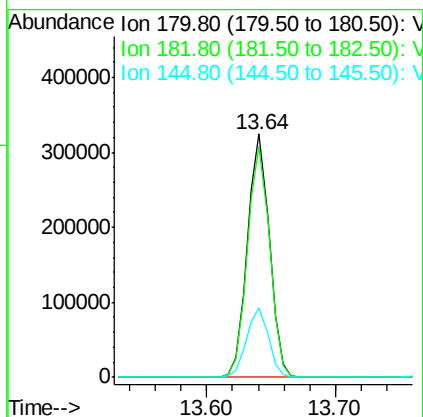
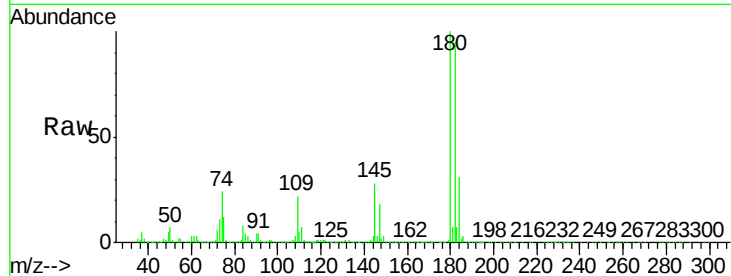




#93
 1,2,4-Trichlorobenzene
 Concen: 53.24 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

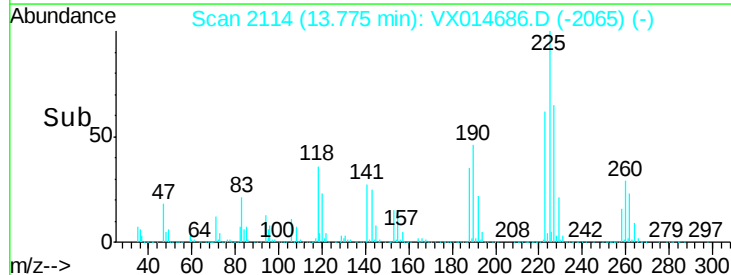
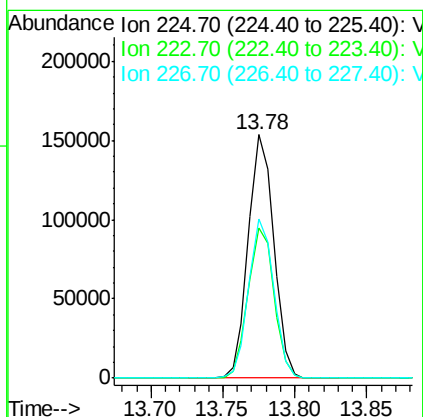
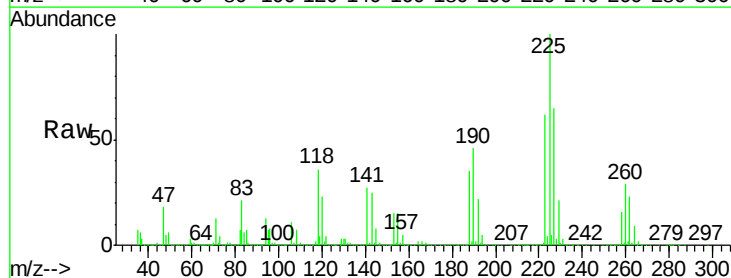
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX012220

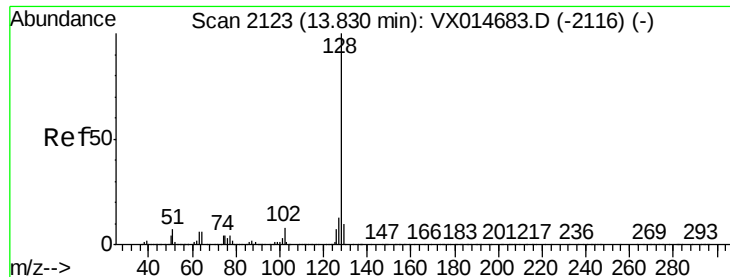
Tgt Ion:180 Resp: 378268
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.5 145.6
 145 28.5 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 51.56 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014686.D
 Acq: 22 Jan 2020 12:57

Tgt Ion:225 Resp: 188554
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.6 91.8
 227 64.3 31.4 94.0

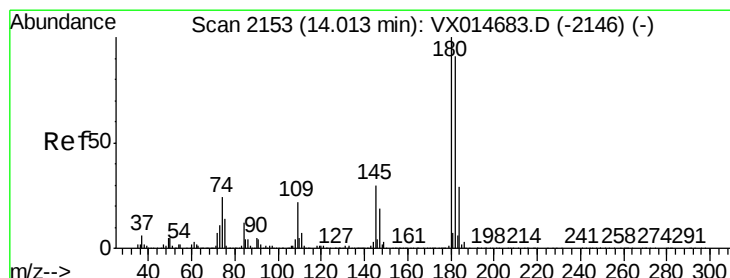
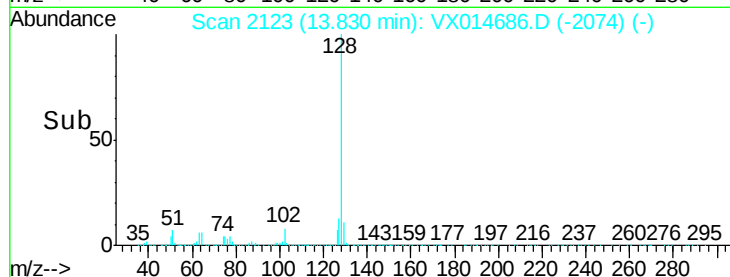
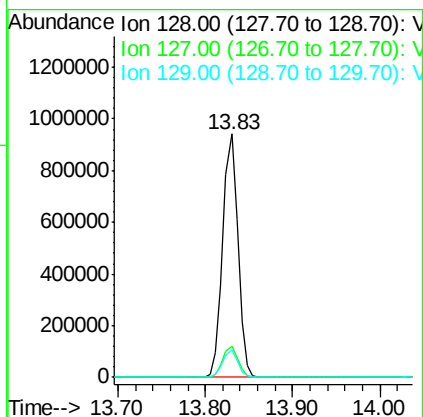
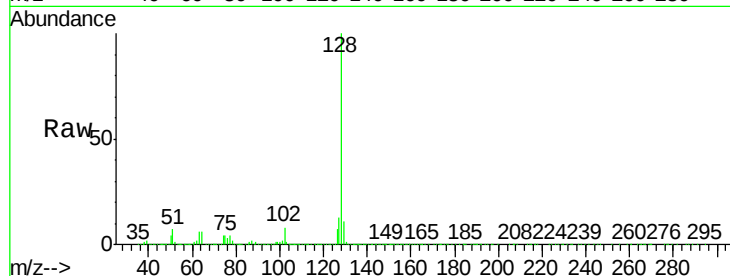




#95
Naphthalene
Concen: 48.99 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX012220

Tgt Ion:128 Resp: 1121936
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.93 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014686.D
Acq: 22 Jan 2020 12:57

Tgt Ion:180 Resp: 373098
Ion Ratio Lower Upper
180 100
182 97.9 46.6 139.7
145 30.0 14.7 44.1

