

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015857.D
 Acq On : 22 Apr 2020 21:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 23 04:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	872093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1312956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1231327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	636459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	492986	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	5.47	113	376752	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	8.70	98	1516421	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.12	95	612553	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	452148	60.570	ug/l	99
3) Chloromethane	1.31	50	394605	51.614	ug/l	99
4) Vinyl Chloride	1.39	62	465552	52.609	ug/l	99
5) Bromomethane	1.62	94	174122	58.667	ug/l	94
6) Chloroethane	1.71	64	269041	53.352	ug/l	100
7) Trichlorofluoromethane	1.92	101	617295	56.223	ug/l	99
8) Diethyl Ether	2.17	74	226410	50.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	386126	51.843	ug/l	99
10) Methyl Iodide	2.49	142	494126	53.699	ug/l	99
11) Tert butyl alcohol	3.01	59	553319	273.030	ug/l	100
12) 1,1-Dichloroethene	2.36	96	406962	53.278	ug/l	95
13) Acrolein	2.27	56	302836	252.547	ug/l	99
14) Allyl chloride	2.71	41	863708	53.211	ug/l	99
15) Acrylonitrile	3.12	53	1308545	278.176	ug/l	99
16) Acetone	2.42	43	1070489	247.862	ug/l	100
17) Carbon Disulfide	2.55	76	1051322	37.900	ug/l	99
18) Methyl Acetate	2.75	43	746196	52.335	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1479826	54.877	ug/l	99
20) Methylene Chloride	2.84	84	460334	52.504	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	444405	52.437	ug/l	99
22) Diisopropyl ether	3.83	45	1605068	54.864	ug/l	95
23) Vinyl Acetate	3.79	43	6612914	273.111	ug/l	100
24) 1,1-Dichloroethane	3.67	63	838726	55.004	ug/l	99
25) 2-Butanone	4.64	43	1840453	269.608	ug/l	99
26) 2,2-Dichloropropane	4.55	77	646885	47.491	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	518399	53.879	ug/l	98
28) Bromochloromethane	4.98	49	371983	46.491	ug/l	99
29) Tetrahydrofuran	5.09	42	1225717	271.464	ug/l	99
30) Chloroform	5.19	83	819733	53.431	ug/l	95
31) Cyclohexane	5.55	56	783109	54.039	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	750601	54.872	ug/l	99
36) 1,1-Dichloropropene	5.78	75	634700	54.529	ug/l	100
37) Ethyl Acetate	4.80	43	744980	53.779	ug/l	99
38) Carbon Tetrachloride	5.75	117	637160	55.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	755336	51.244	ug/l	100
40) Benzene	6.12	78	1883474	53.726	ug/l	99
41) Methacrylonitrile	5.01	41	427608	55.551	ug/l	99
42) 1,2-Dichloroethane	6.17	62	676749	53.609	ug/l	99
43) Isopropyl Acetate	6.42	43	1254706	53.695	ug/l	99
44) Trichloroethene	7.19	130	644665	52.327	ug/l	98
45) 1,2-Dichloropropane	7.50	63	500875	54.519	ug/l	99
46) Dibromomethane	7.64	93	344584	51.380	ug/l	97
47) Bromodichloromethane	7.88	83	662560	55.533	ug/l	100
48) Methyl methacrylate	7.75	41	628649	54.693	ug/l	99
49) 1,4-Dioxane	7.72	88	222191	1022.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3674361	272.422	ug/l	100
52) Toluene	8.77	92	1212016	53.938	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	789914	53.360	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	847449	54.164	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	488858	55.715	ug/l	96
56) Ethyl methacrylate	9.16	69	796490	53.592	ug/l	98
57) 1,3-Dichloropropane	9.36	76	827618	54.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1950237	262.673	ug/l	99
59) 2-Hexanone	9.47	43	2784432	270.989	ug/l	99
60) Dibromochloromethane	9.57	129	527921	58.262	ug/l	96
61) 1,2-Dibromoethane	9.65	107	513419	52.944	ug/l	98
64) Tetrachloroethene	9.32	164	816003	49.165	ug/l	89
65) Chlorobenzene	10.12	112	1317019	53.488	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	510242	55.438	ug/l	98
67) Ethyl Benzene	10.24	91	2325236	53.776	ug/l	100
68) m/p-Xylenes	10.34	106	1773452	109.270	ug/l	99
69) o-Xylene	10.68	106	871066	54.540	ug/l	97
70) Styrene	10.70	104	1525373	55.159	ug/l	99
71) Bromoform	10.84	173	364490	60.774	ug/l	99
73) Isopropylbenzene	11.00	105	2313431	57.233	ug/l	100
74) N-amyl acetate	10.88	43	1156508	55.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	480098	56.122	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	875911	72.373	ug/l	83
77) Bromobenzene	11.24	156	633597	57.368	ug/l	99
78) n-propylbenzene	11.34	91	2606625	56.293	ug/l	98
79) 2-Chlorotoluene	11.40	91	1575207	56.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1931656	56.044	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	267241	53.117	ug/l	99
82) 4-Chlorotoluene	11.50	91	1862425	56.348	ug/l	100
83) tert-Butylbenzene	11.76	119	1716511	56.144	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1988006	55.557	ug/l	100
85) sec-Butylbenzene	11.93	105	2246388	55.738	ug/l	100
86) p-Isopropyltoluene	12.05	119	2109127	55.966	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1086346	53.584	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1062164	52.337	ug/l	97
89) n-Butylbenzene	12.37	91	1799787	53.416	ug/l	100
90) Hexachloroethane	12.58	117	287721	72.271	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1048446	54.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	141479	55.769	ug/l	99

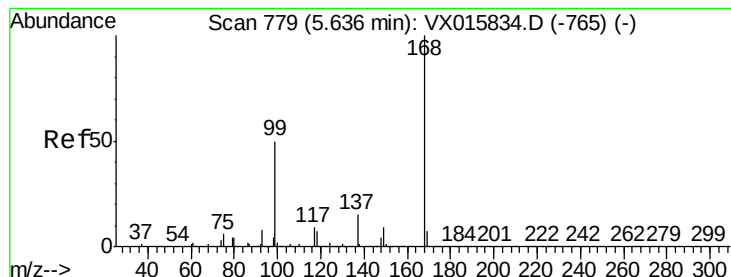
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	818143	54.001	ug/l	99
94) Hexachlorobutadiene	13.77	225	359394	52.907	ug/l	99
95) Naphthalene	13.82	128	2427303	55.686	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	819129	55.416	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

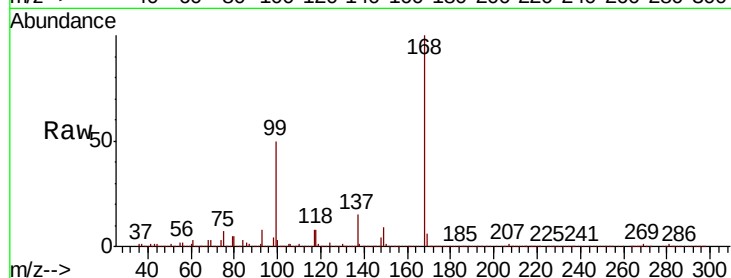
VSTDCCC050

Tot Ion:168 Resp: 872093

Ion Ratio Lower Upper

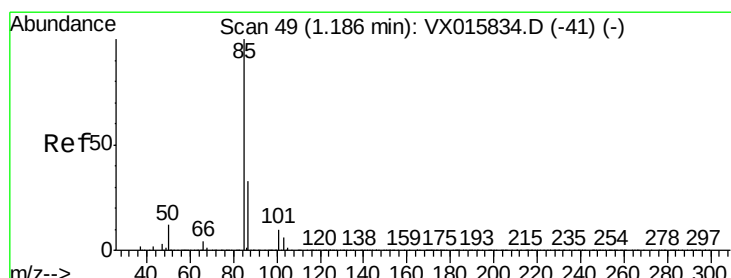
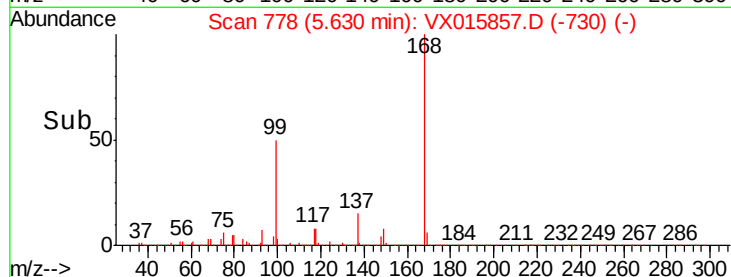
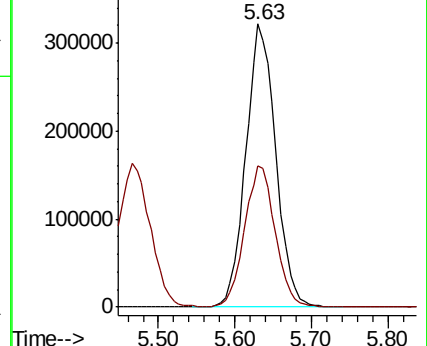
168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.570 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015857.D

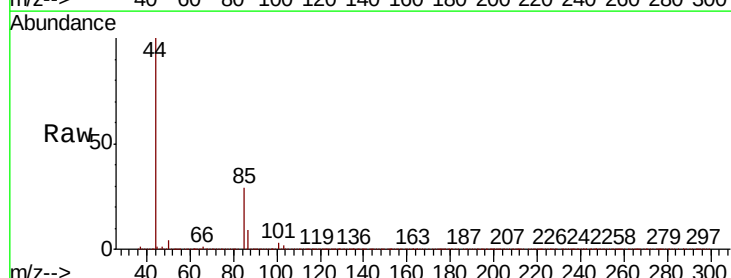
Acq: 22 Apr 2020 21:55

Tgt Ion: 85 Resp: 452148

Ion Ratio Lower Upper

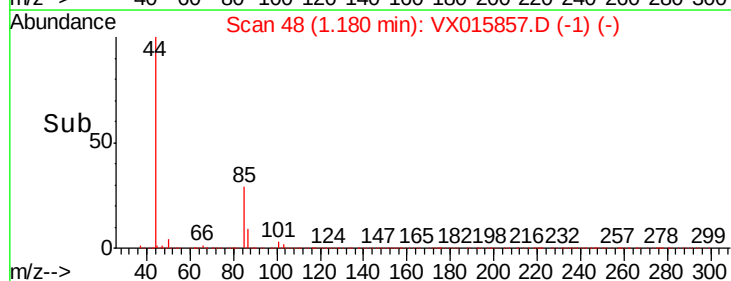
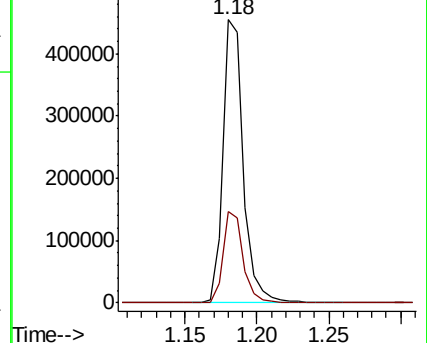
85 100

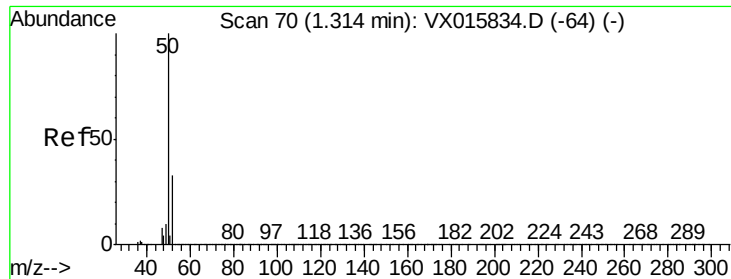
87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

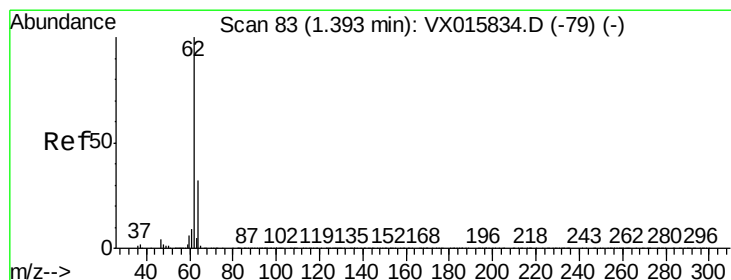
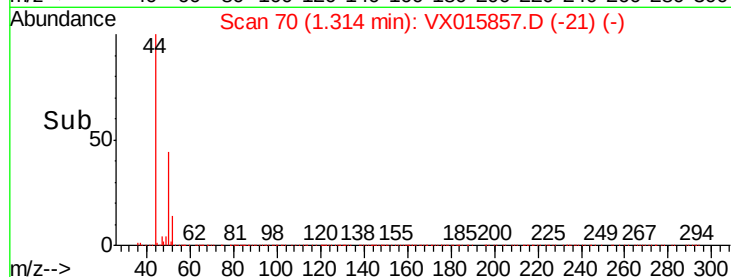
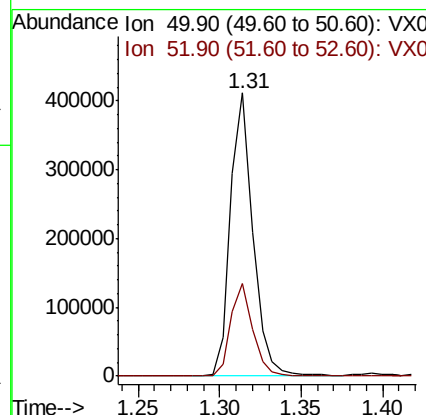
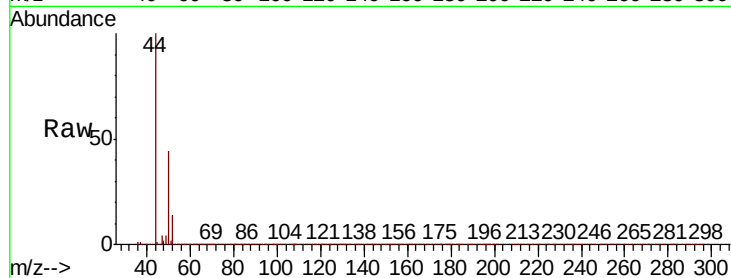




#3
Chloromethane
Concen: 51.614 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

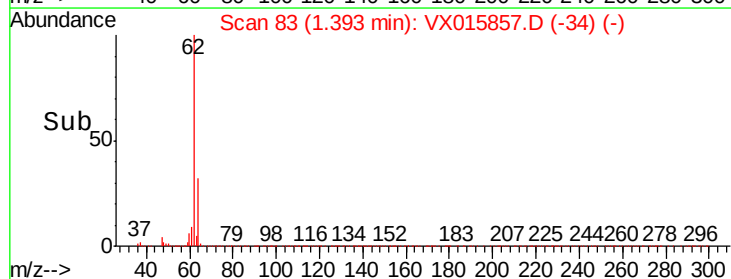
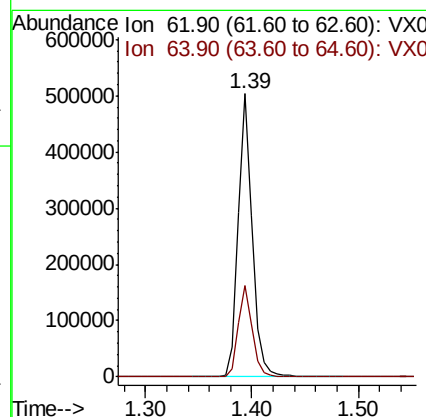
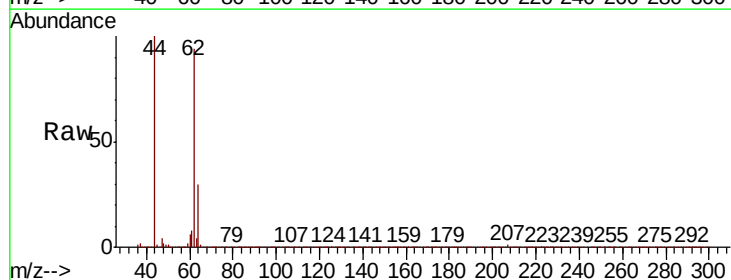
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

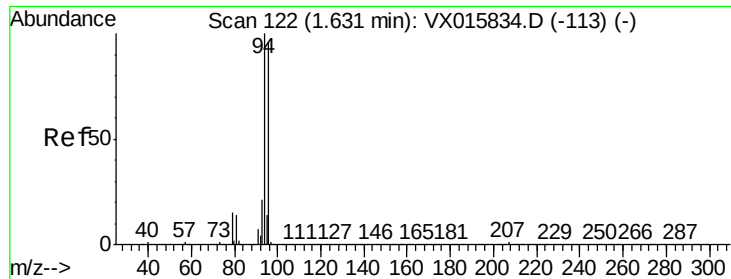
Tot Ion: 50 Resp: 394605
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4



#4
Vinyl Chloride
Concen: 52.609 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 62 Resp: 465552
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





#5

Bromomethane

Concen: 58.667 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

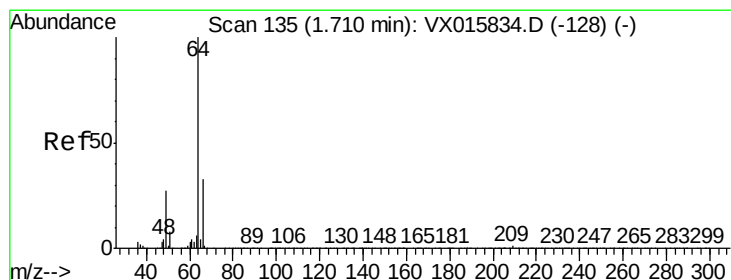
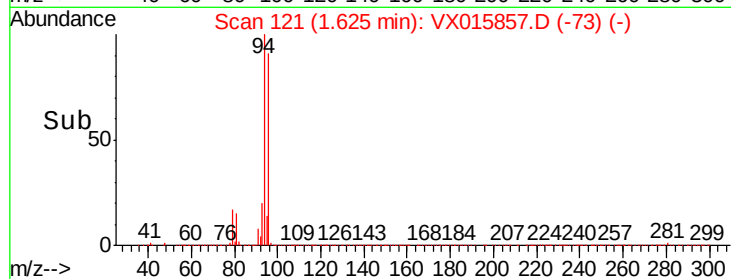
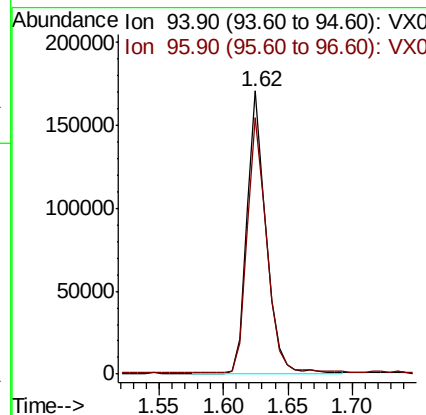
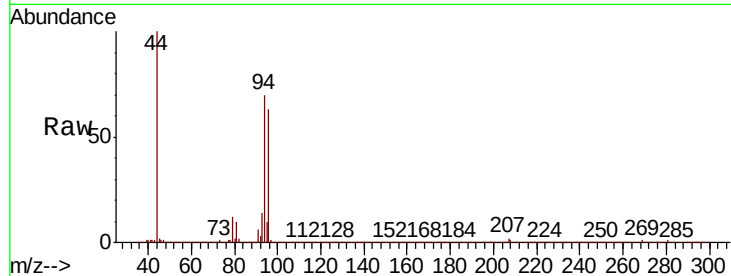
VSTDCCC050

Tot Ion: 94 Resp: 174122

Ion Ratio Lower Upper

94 100

96 90.5 76.7 115.1



#6

Chloroethane

Concen: 53.352 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015857.D

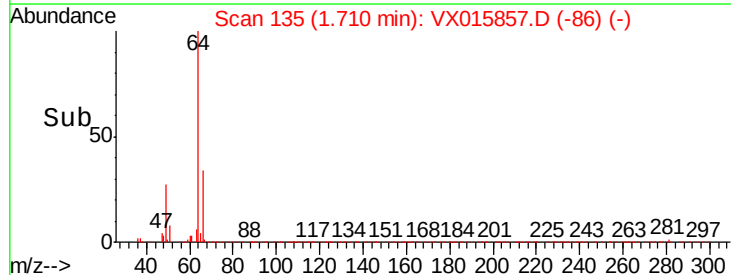
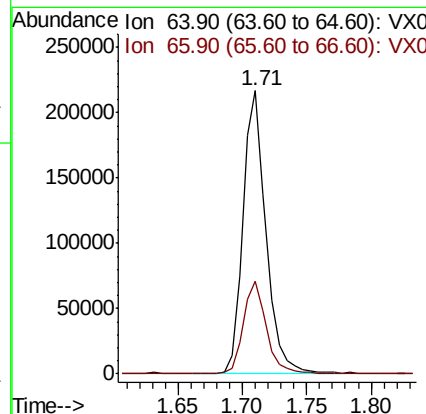
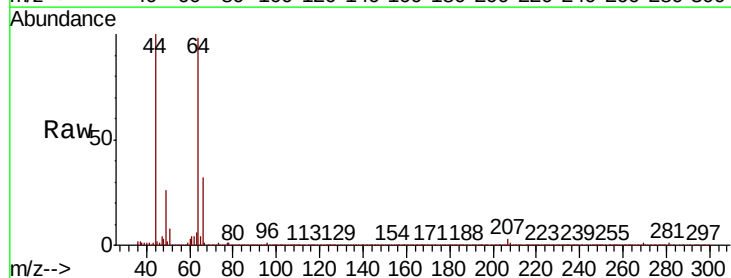
Acq: 22 Apr 2020 21:55

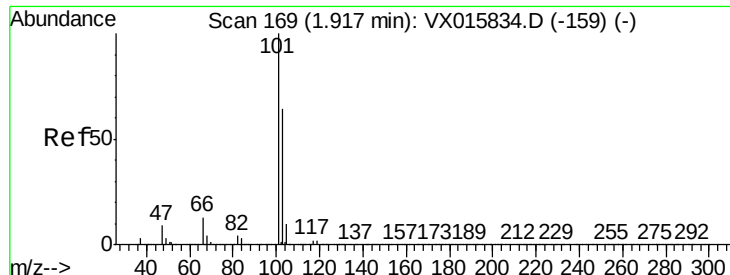
Tgt Ion: 64 Resp: 269041

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.2



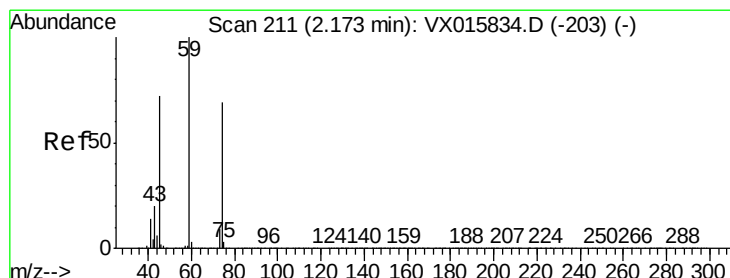
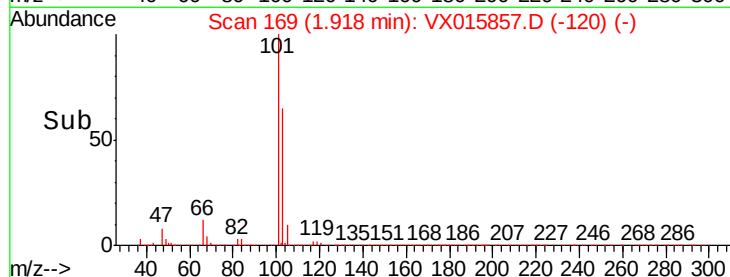
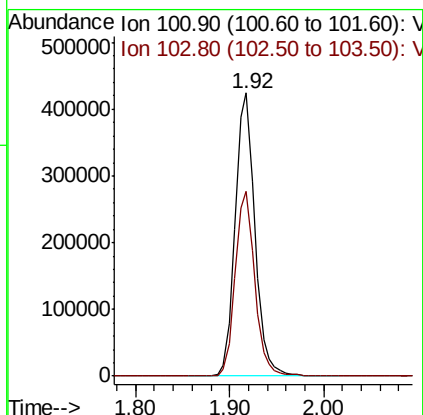
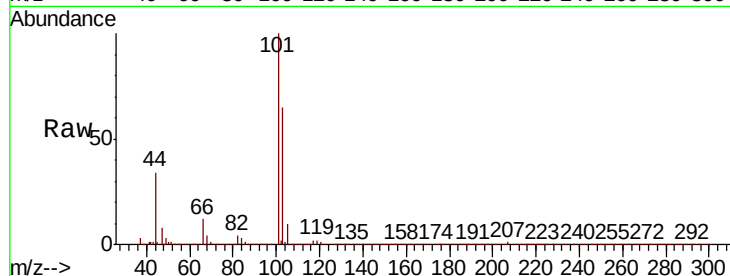


#7

Trichlorofluoromethane
Concen: 56.223 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

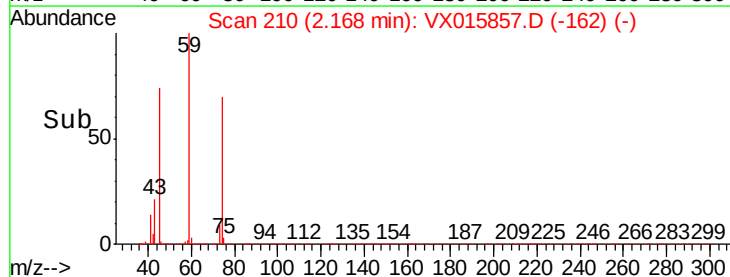
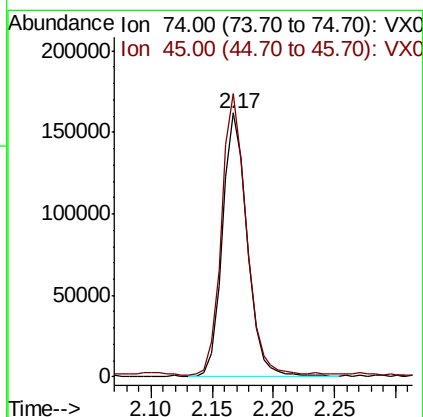
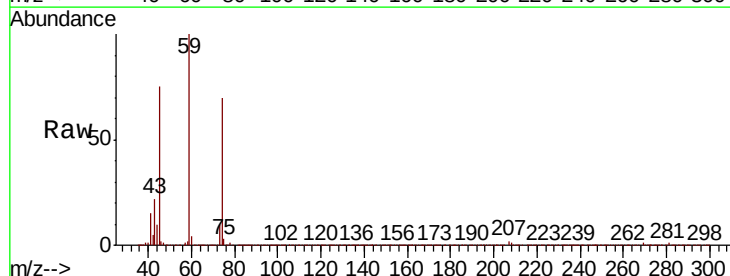
Tot Ion:101 Resp: 617295
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

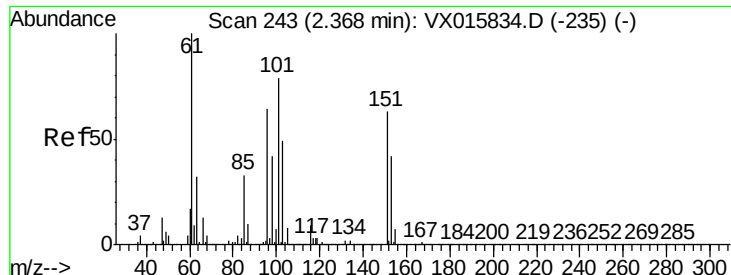


#8

Diethyl Ether
Concen: 50.851 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 74 Resp: 226410
Ion Ratio Lower Upper
74 100
45 106.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.843 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

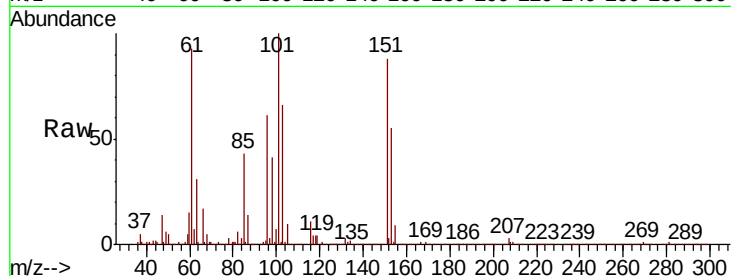
Tot Ion:101 Resp: 386126

Ion Ratio Lower Upper

101 100

85 43.7 33.8 50.6

151 84.6 67.8 101.6

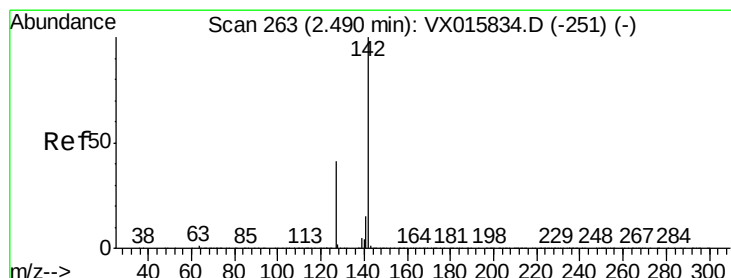
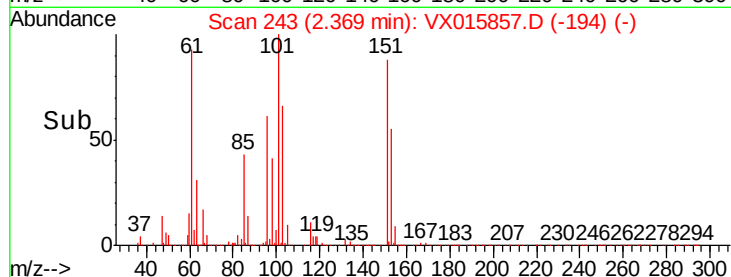
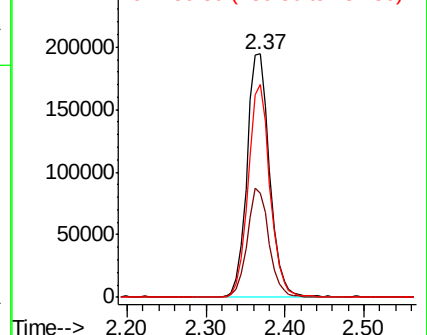


Abundance

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: 53.699 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

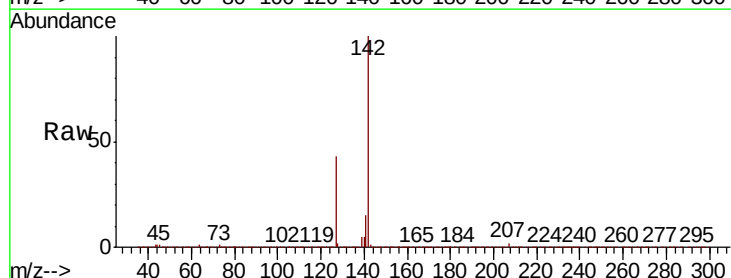
Tgt Ion:142 Resp: 494126

Ion Ratio Lower Upper

142 100

127 42.2 33.3 49.9

141 14.5 11.8 17.6

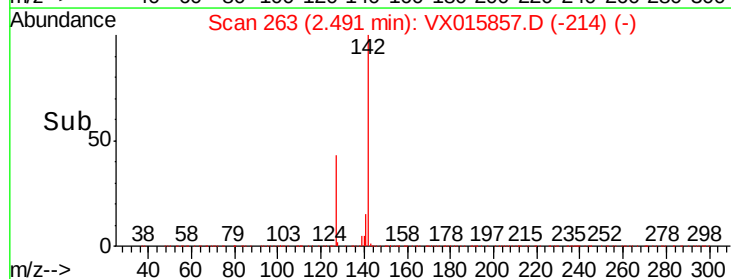
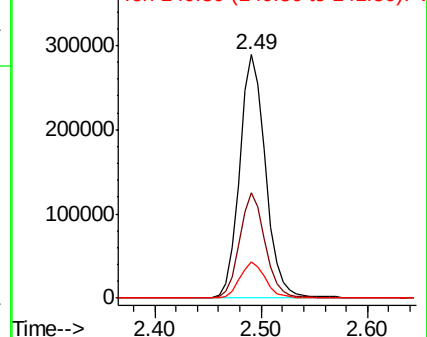


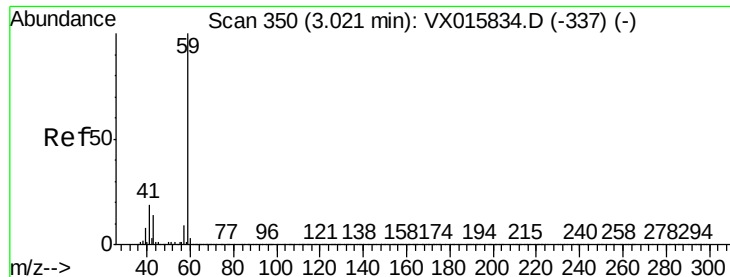
Abundance

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



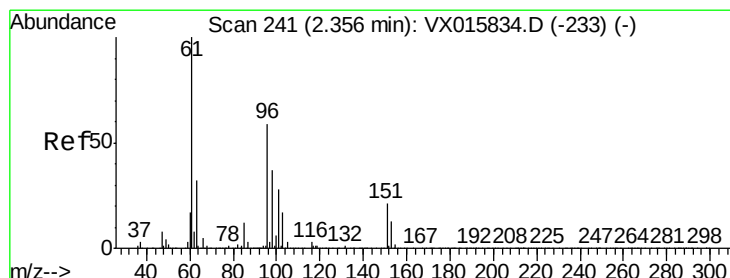
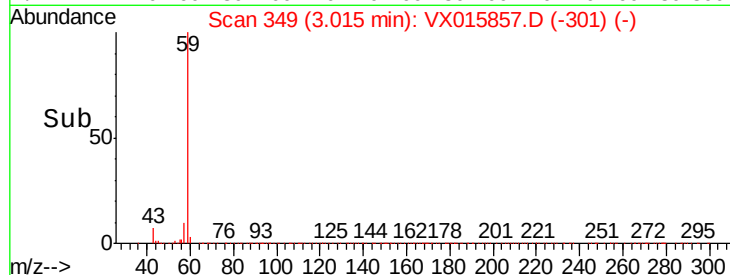
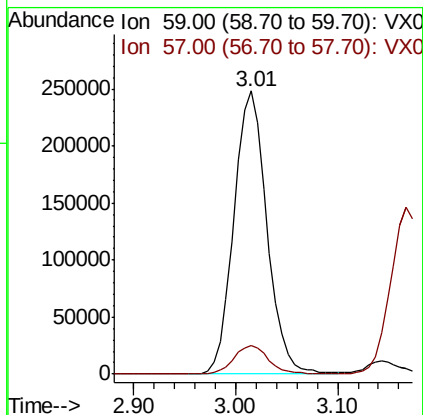
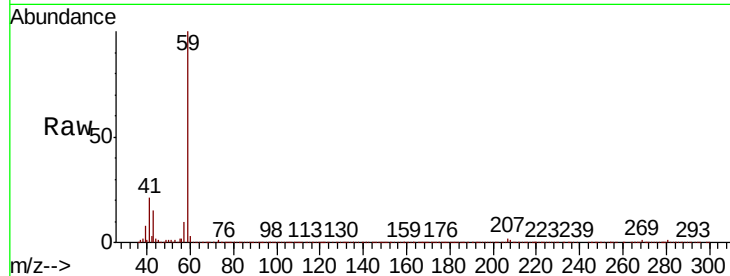


#11

Tert butyl alcohol
 Concen: 273.030 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

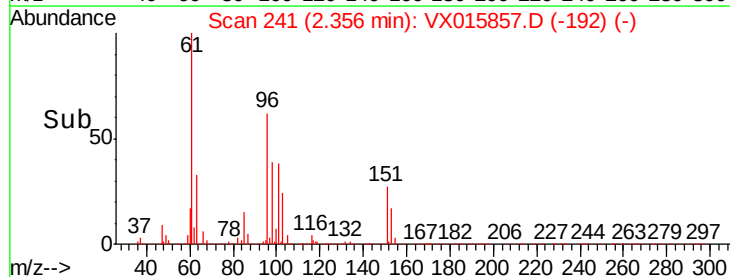
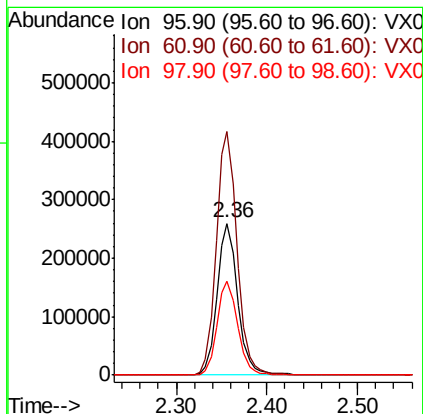
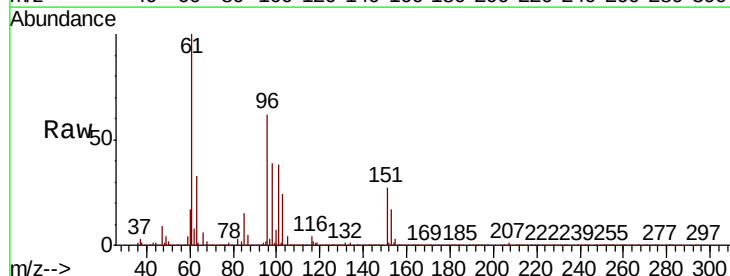
Tot Ion: 59 Resp: 553319
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

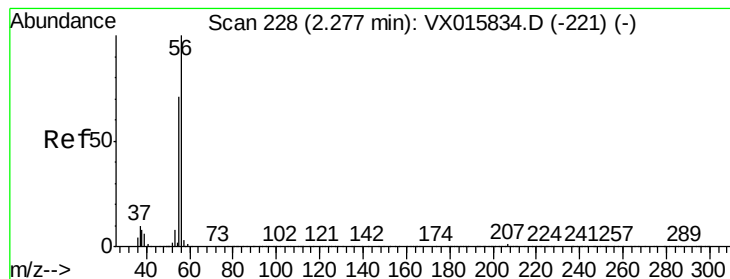


#12

1,1-Dichloroethene
 Concen: 53.278 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion: 96 Resp: 406962
 Ion Ratio Lower Upper
 96 100
 61 160.9 135.0 202.6
 98 62.0 50.6 76.0





#13

Acrolein

Concen: 252.547 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

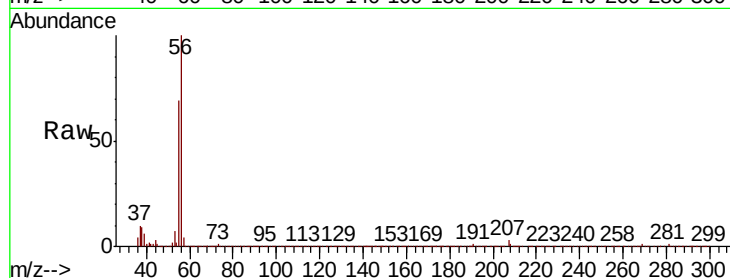
VSTDCCC050

Tot Ion: 56 Resp: 302836

Ion Ratio Lower Upper

56 100

55 69.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

200000

150000

100000

50000

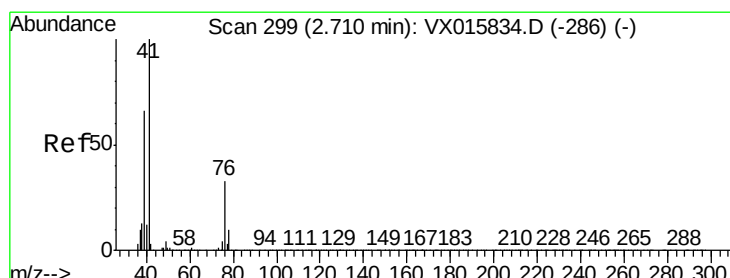
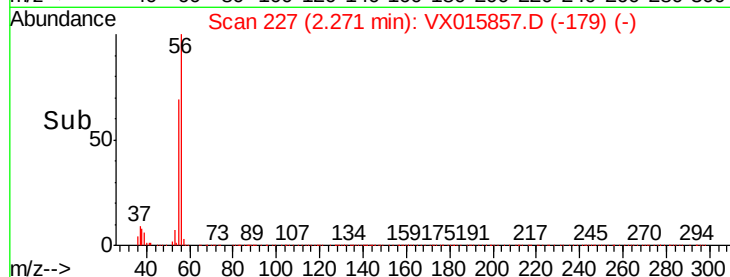
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 53.211 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

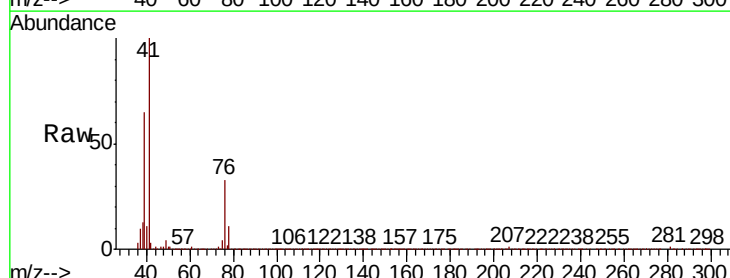
Tgt Ion: 41 Resp: 863708

Ion Ratio Lower Upper

41 100

39 61.4 48.4 72.6

76 30.0 23.8 35.8



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

800000

600000

400000

200000

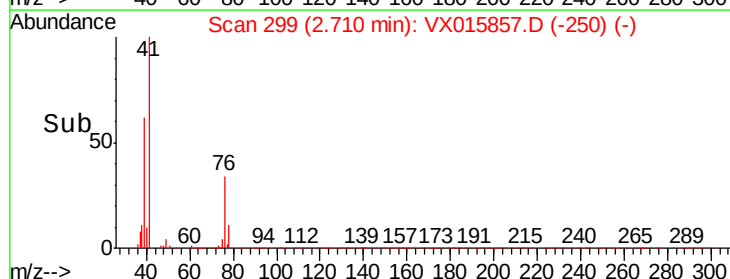
0

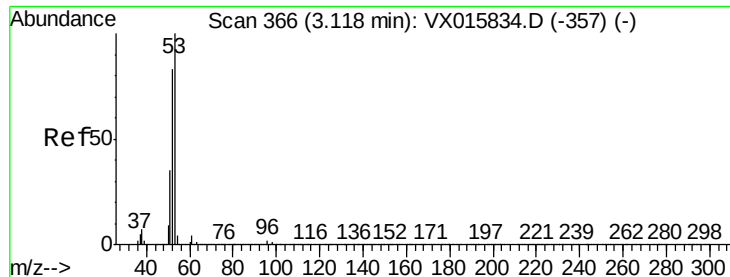
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 278.176 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

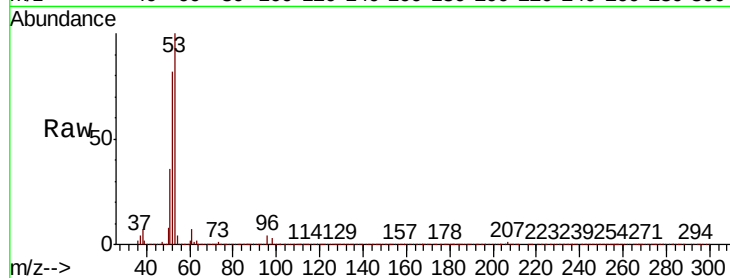
Tot Ion: 53 Resp: 1308545

Ion Ratio Lower Upper

53 100

52 81.0 66.2 99.4

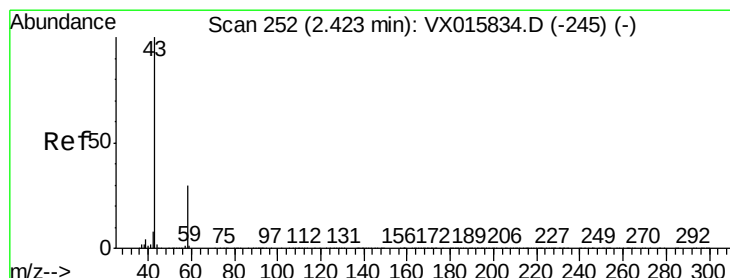
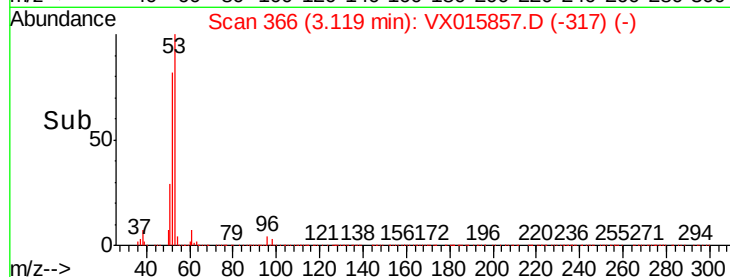
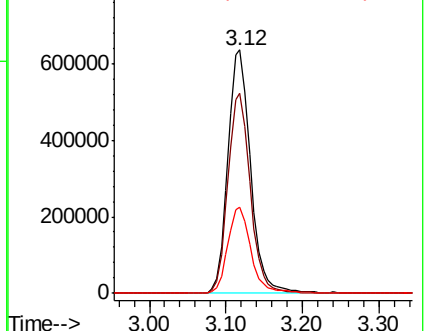
51 36.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 247.862 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015857.D

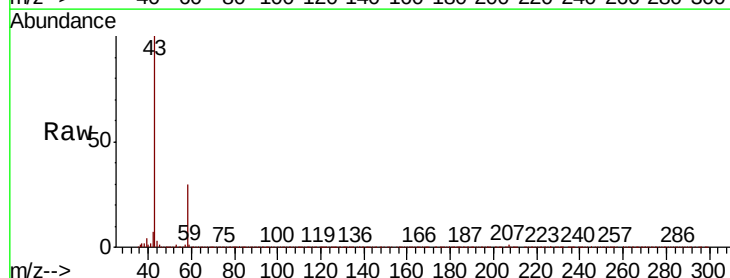
Acq: 22 Apr 2020 21:55

Tgt Ion: 43 Resp: 1070489

Ion Ratio Lower Upper

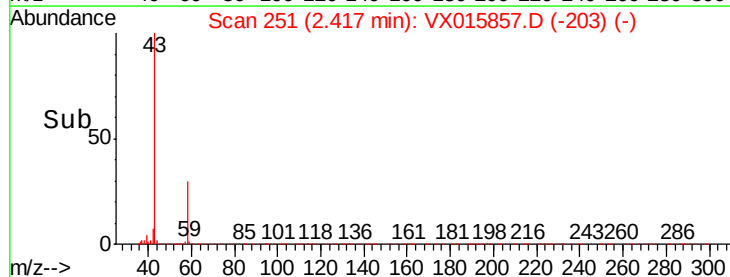
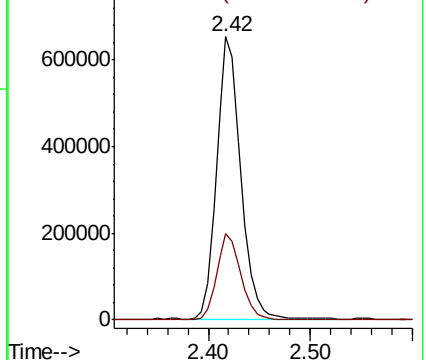
43 100

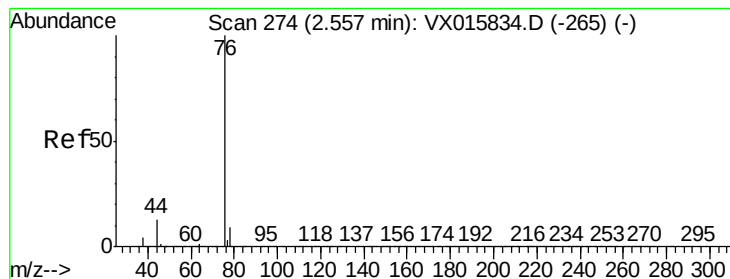
58 30.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 37.900 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

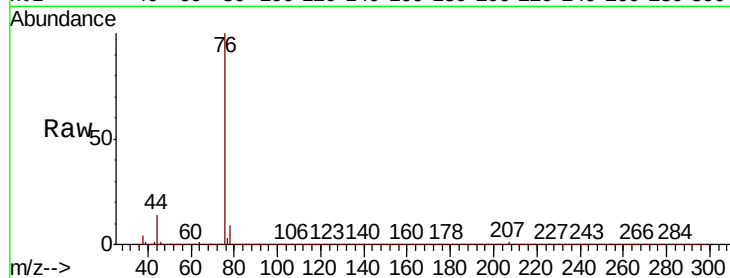
VSTDCCC050

Tot Ion: 76 Resp: 1051322

Ion Ratio Lower Upper

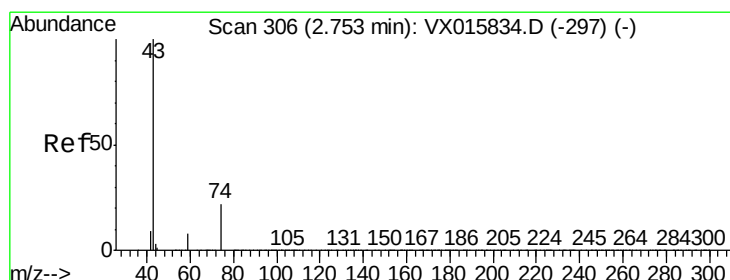
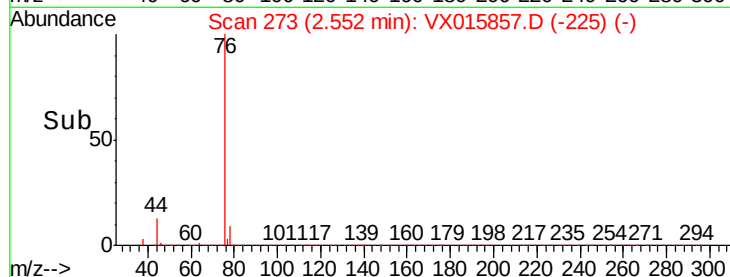
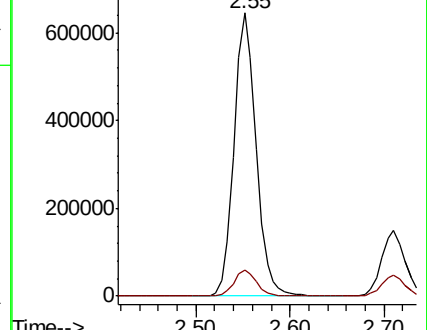
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.335 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015857.D

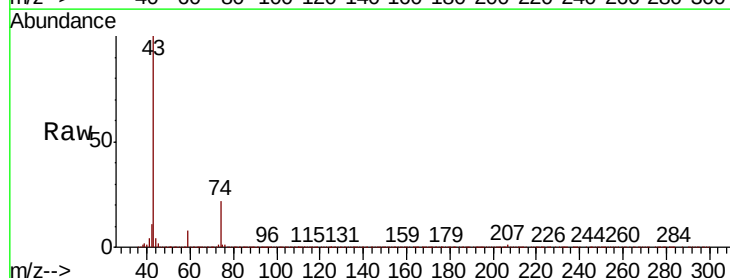
Acq: 22 Apr 2020 21:55

Tgt Ion: 43 Resp: 746196

Ion Ratio Lower Upper

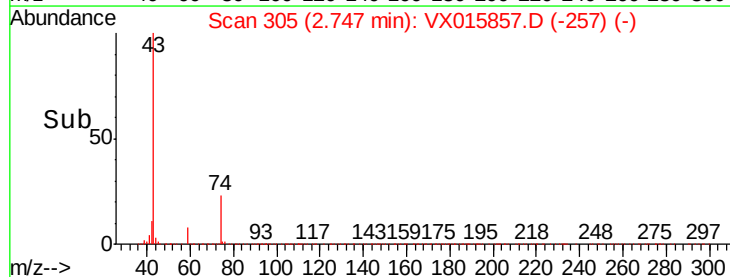
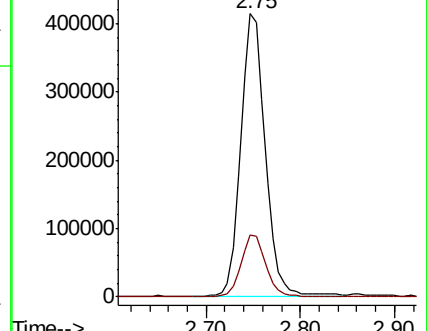
43 100

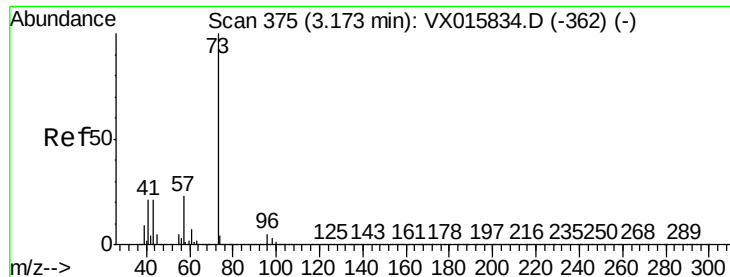
74 22.6 17.9 26.9



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: 54.877 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

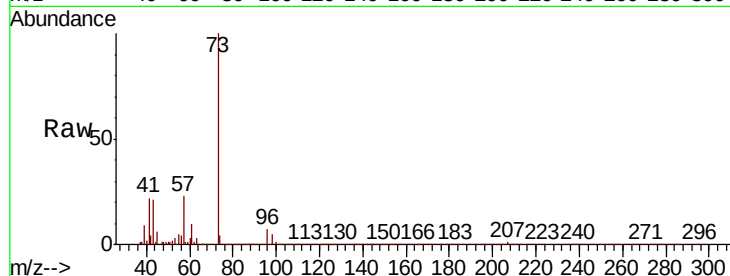
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 1479826

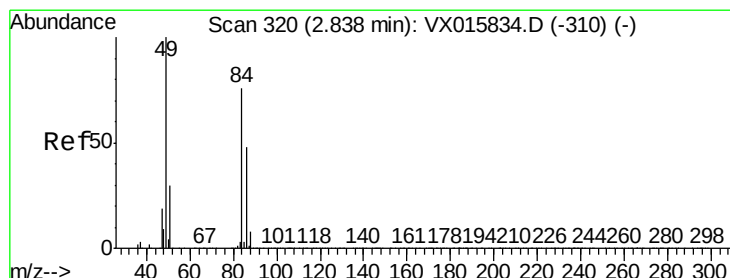
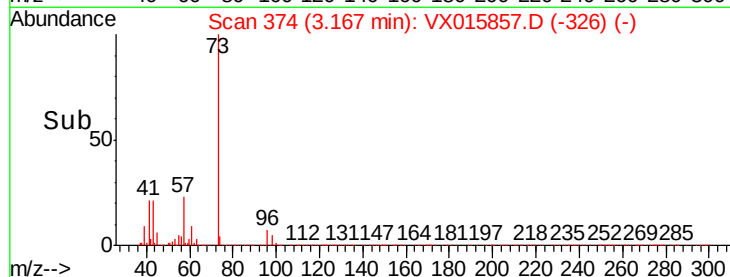
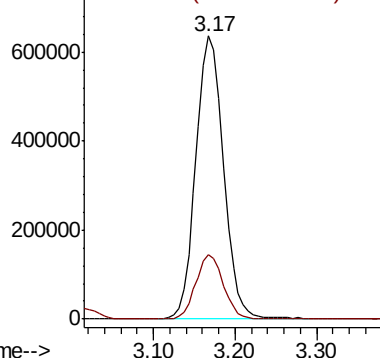
Ion Ratio Lower Upper

73 100

57 23.0 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
 Concen: 52.504 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion: 84 Resp: 460334

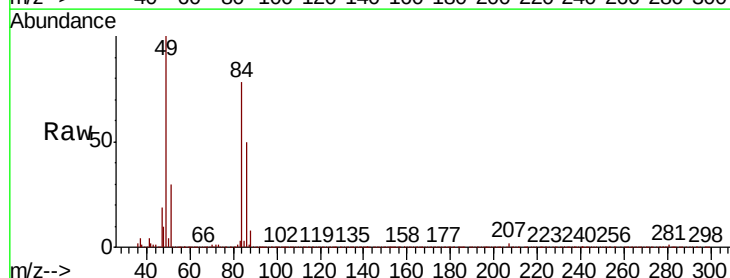
Ion Ratio Lower Upper

84 100

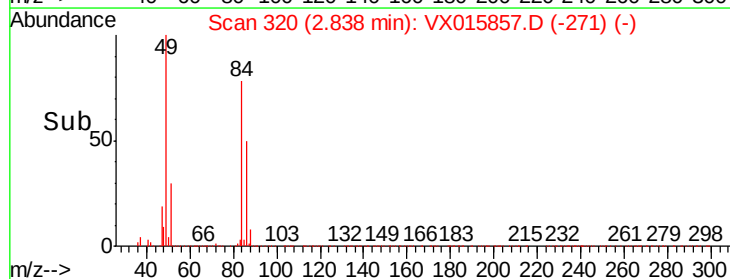
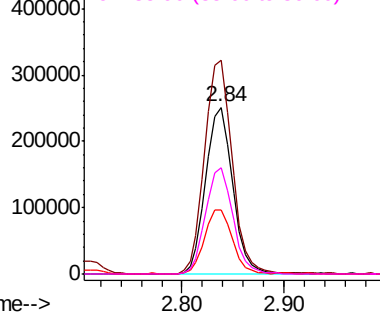
49 128.2 104.9 157.3

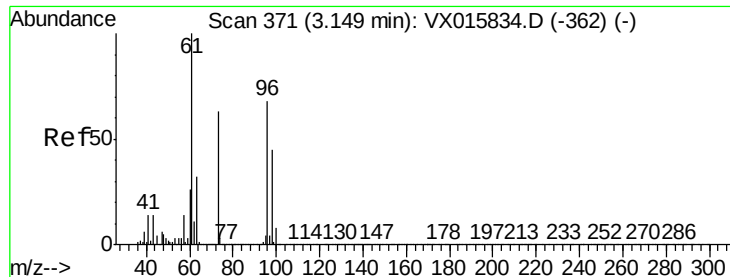
51 38.2 32.0 48.0

86 63.8 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 52.437 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

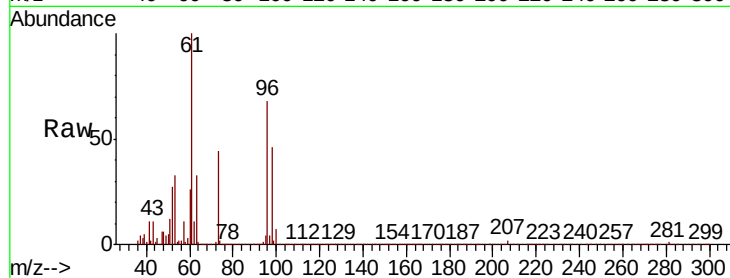
Tot Ion: 96 Resp: 444405

Ion Ratio Lower Upper

96 100

61 146.8 117.5 176.3

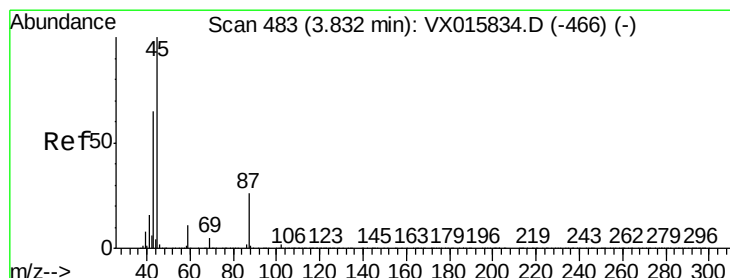
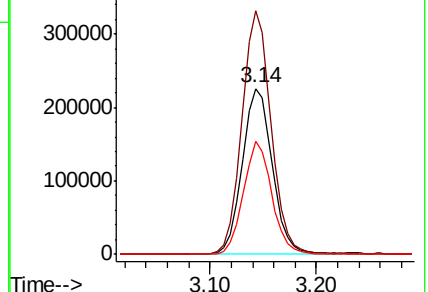
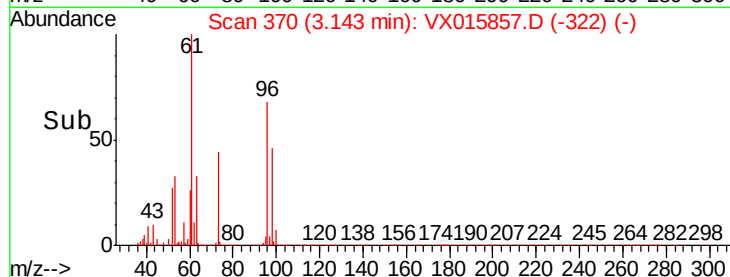
98 68.0 52.7 79.1



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: 54.864 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion: 45 Resp: 1605068

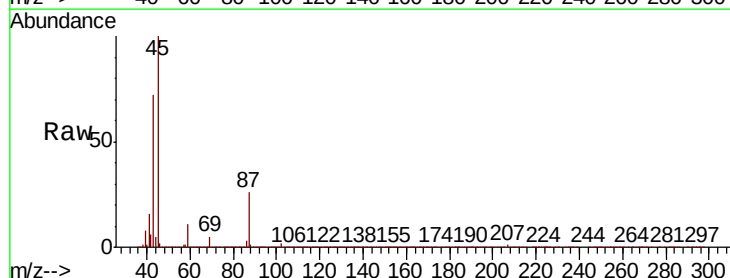
Ion Ratio Lower Upper

45 100

43 71.1 52.4 78.6

87 25.8 20.7 31.1

59 11.1 8.6 12.8

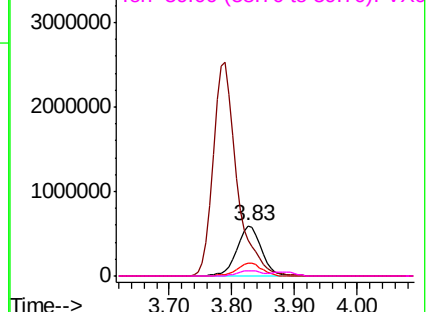
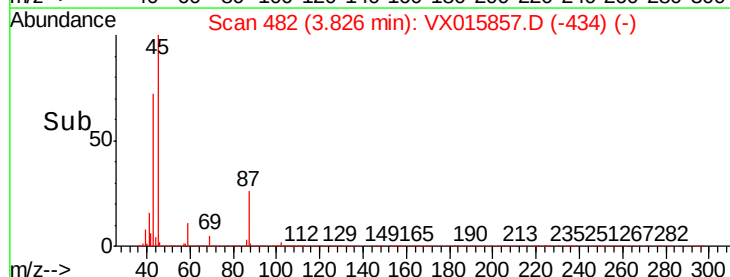


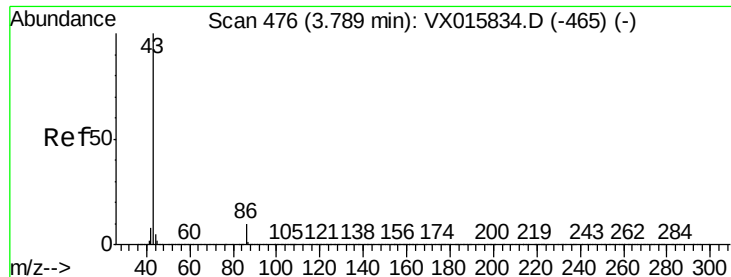
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 273.111 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

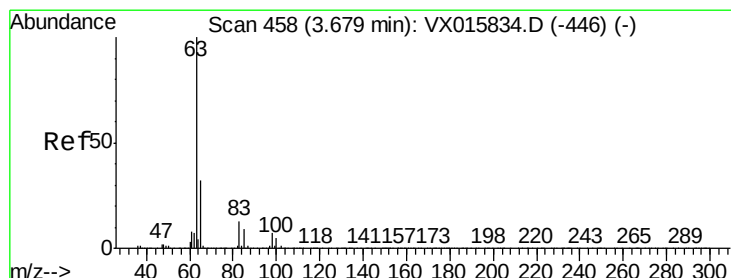
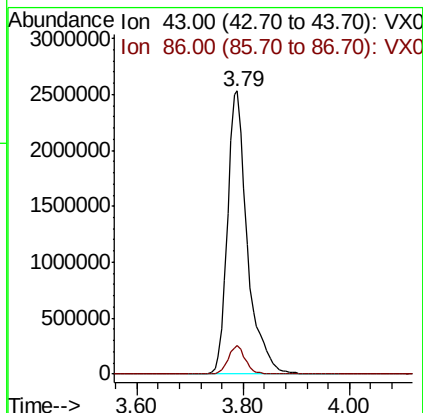
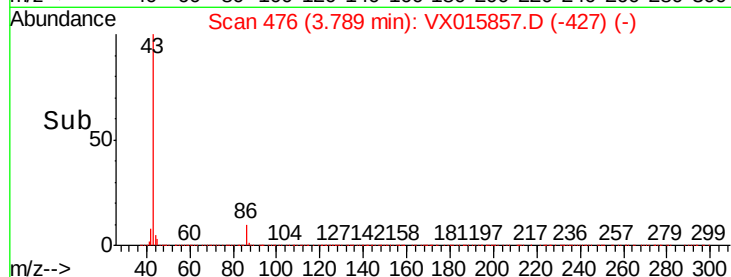
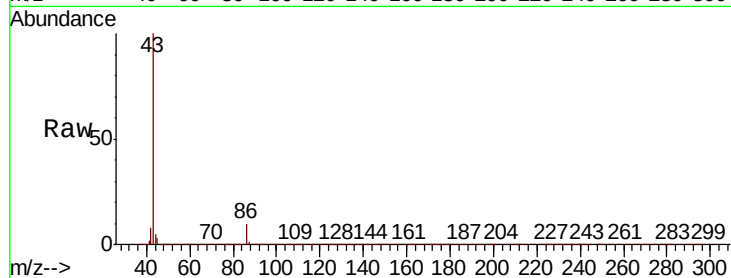
VSTDCCC050

Tot Ion: 43 Resp: 6612914

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



#24

1,1-Dichloroethane

Concen: 55.004 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

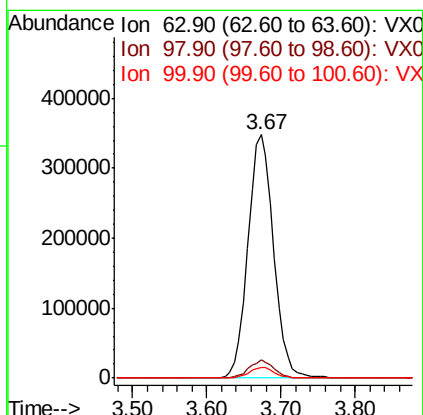
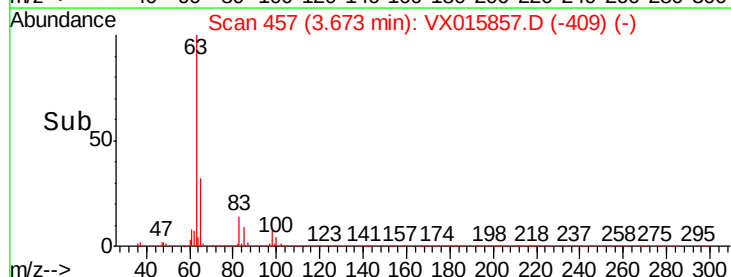
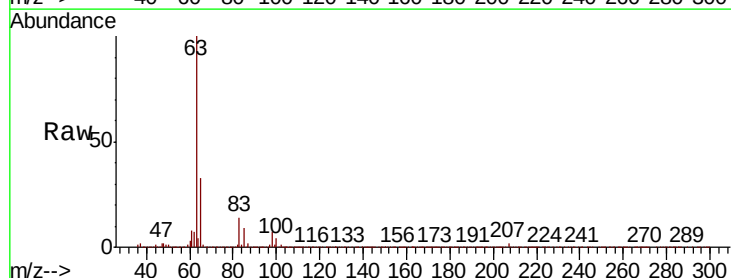
Tgt Ion: 63 Resp: 838726

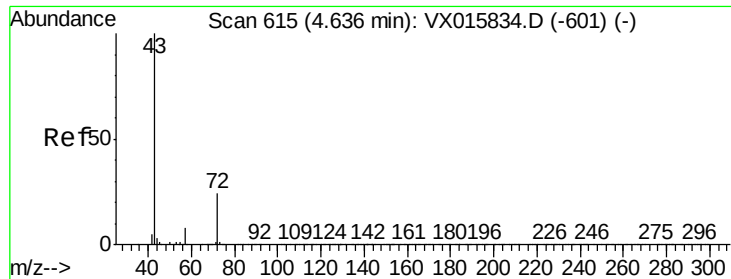
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.2 2.3 6.8

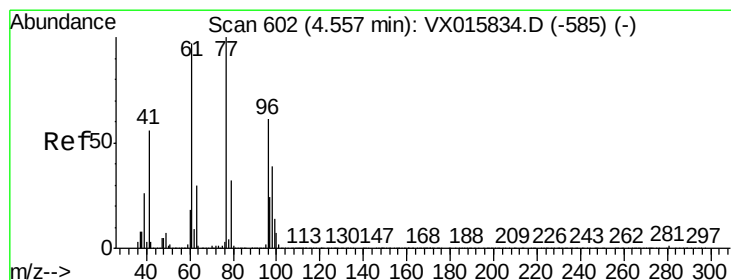
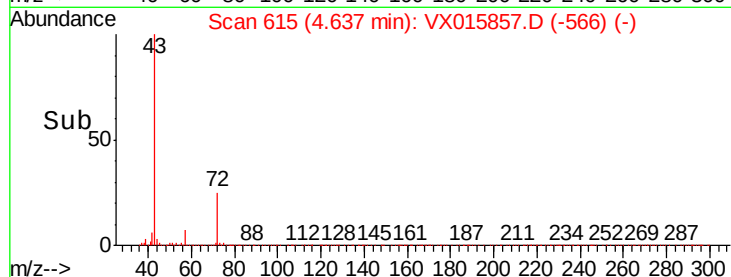
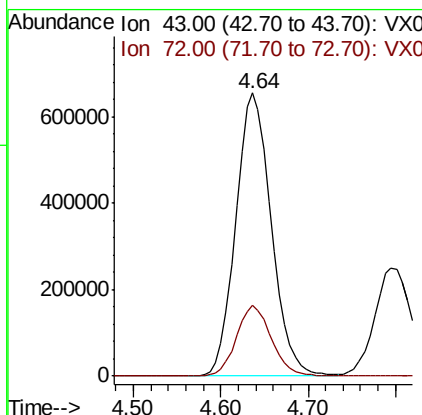
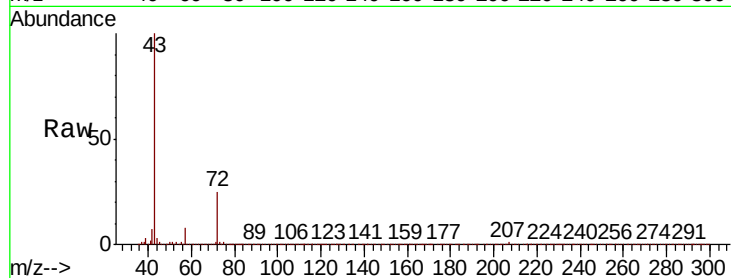




#25
2-Butanone
Concen: 269.608 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

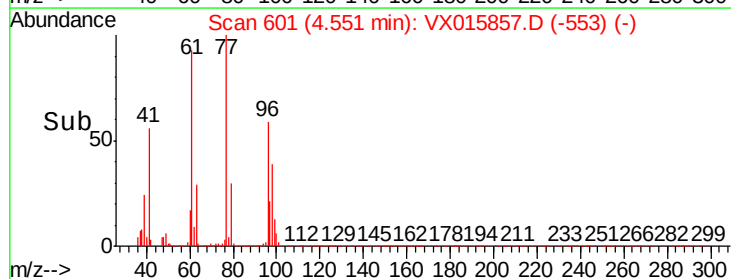
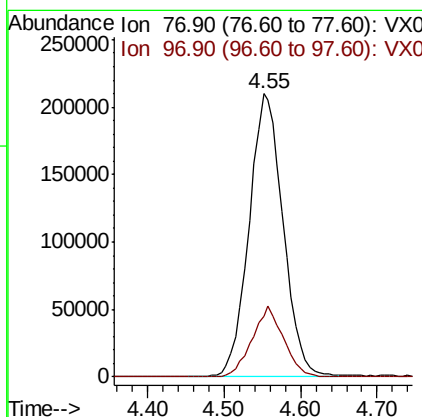
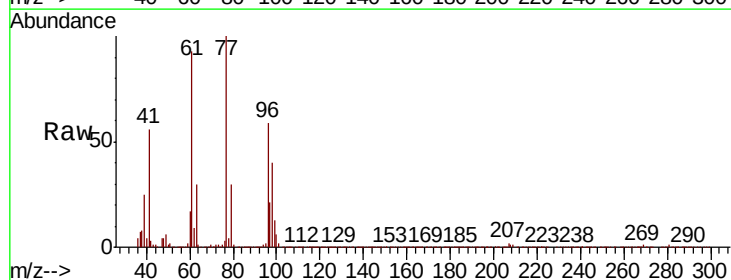
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

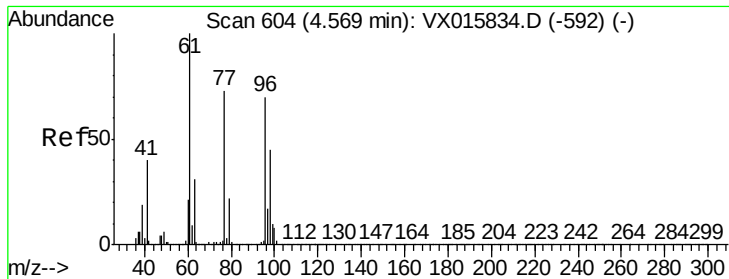
Tot Ion: 43 Resp: 1840453
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.491 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 77 Resp: 646885
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1



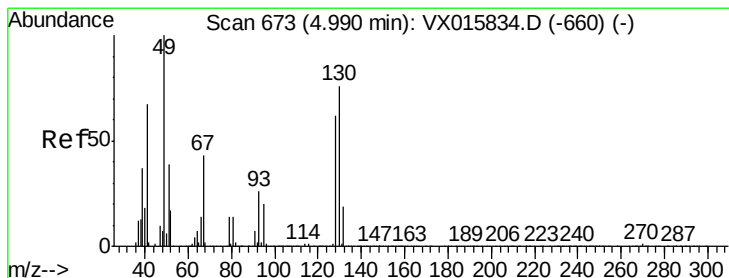
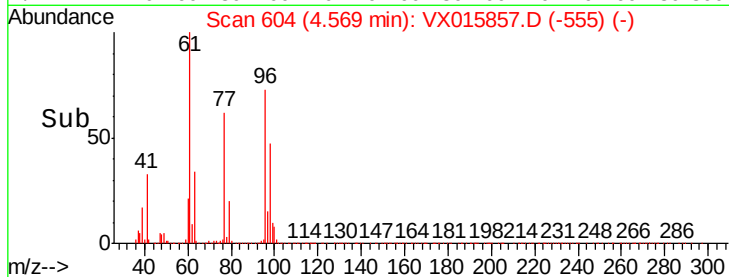
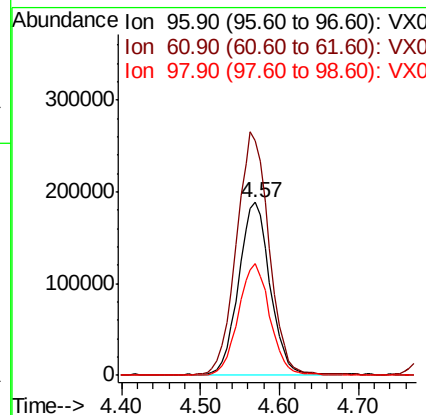
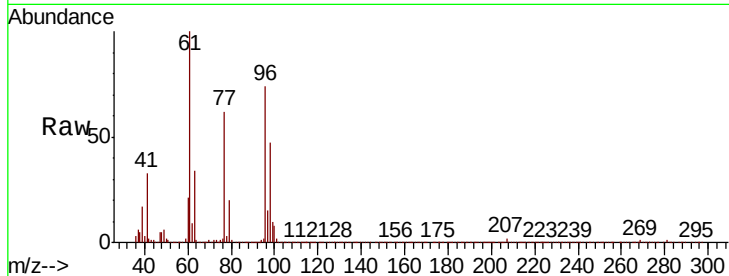


#27

cis-1,2-Dichloroethene
 Concen: 53.879 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

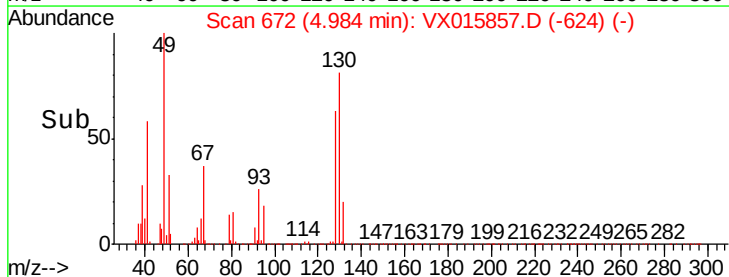
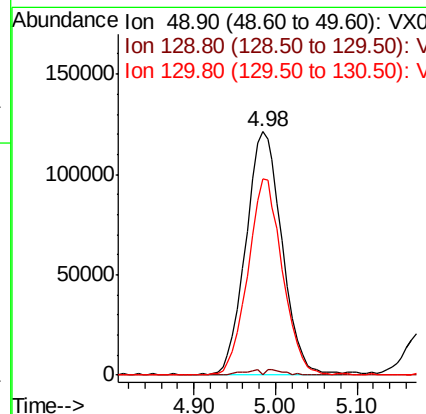
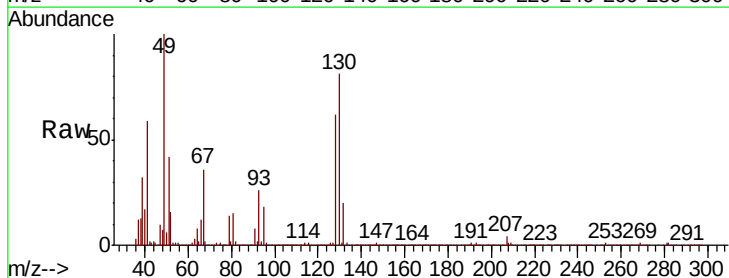
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	299.4
98	65.0	0.0	129.6

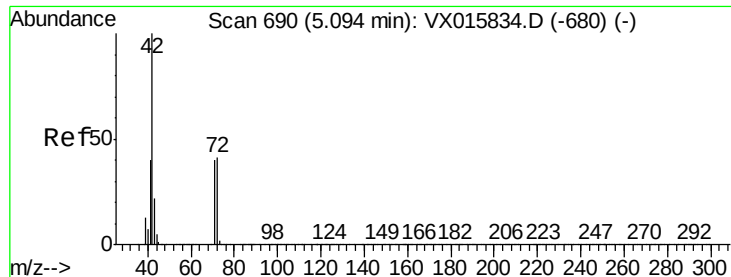


#28

Bromochloromethane
 Concen: 46.491 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	1.8
130	77.5	62.4	93.6





#29

Tetrahydrofuran

Concen: 271.464 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

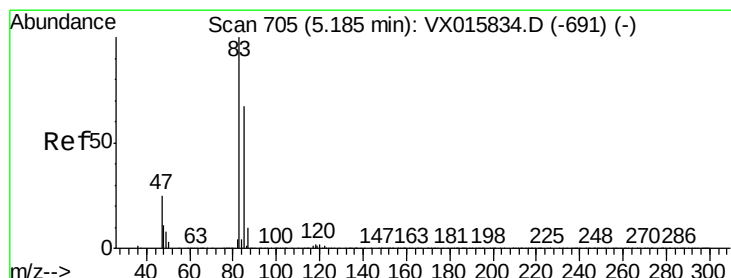
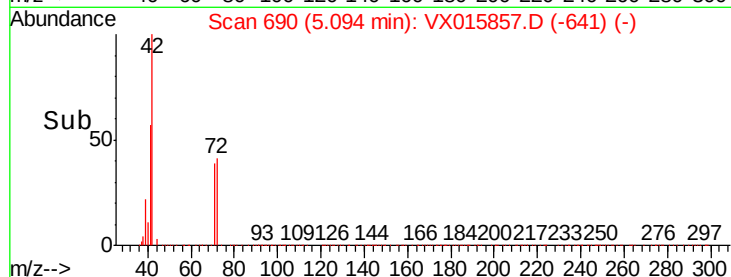
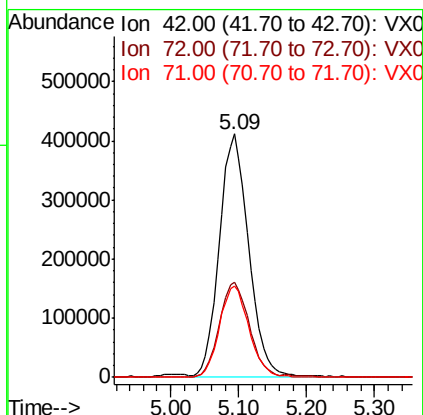
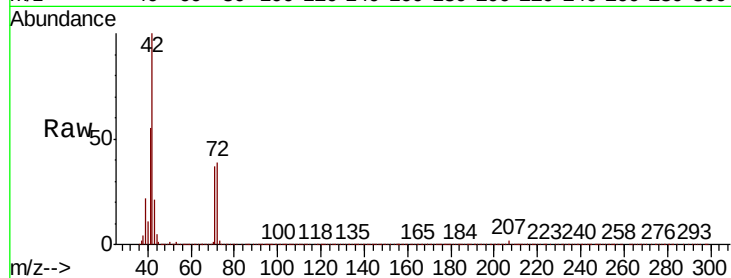
Tot Ion: 42 Resp: 1225717

Ion Ratio Lower Upper

42 100

72 40.4 33.0 49.6

71 37.8 30.6 45.8



#30

Chloroform

Concen: 53.431 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: VX015857.D

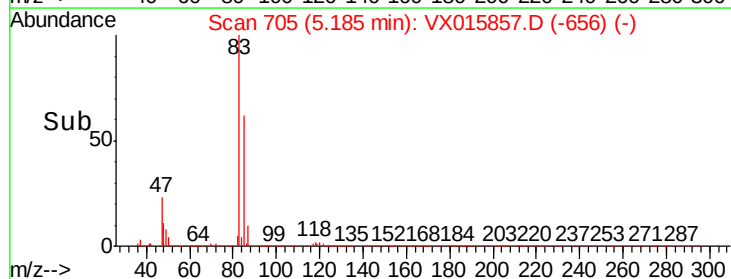
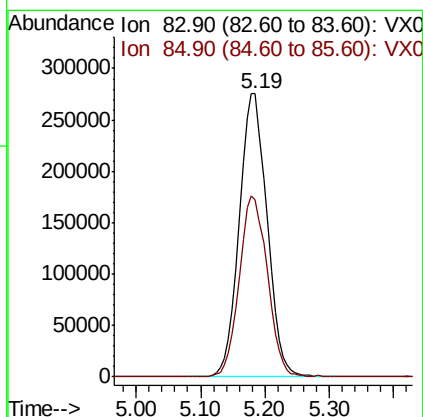
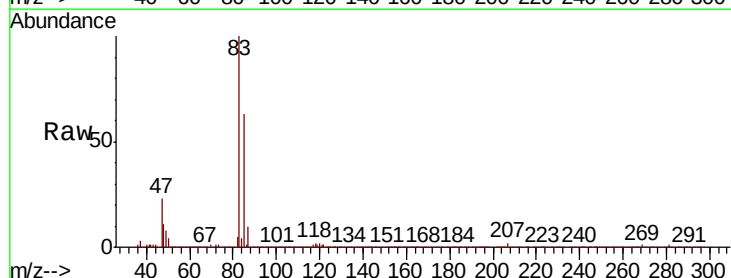
Acq: 22 Apr 2020 21:55

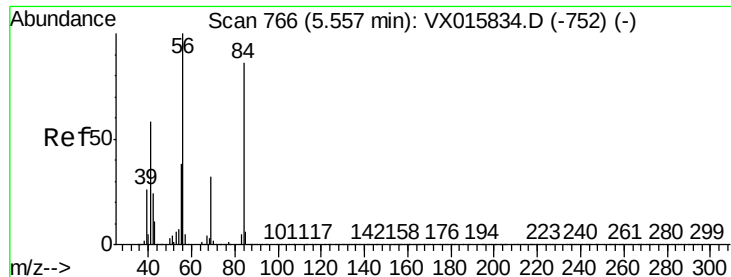
Tgt Ion: 83 Resp: 819733

Ion Ratio Lower Upper

83 100

85 62.6 53.4 80.0

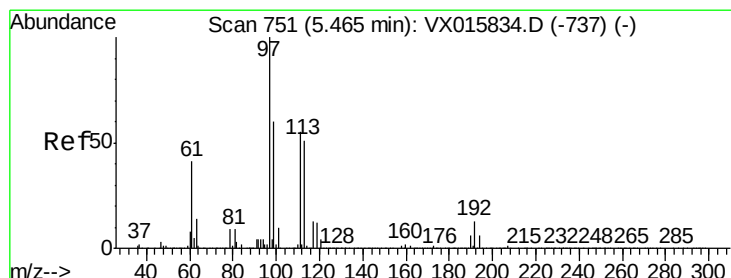
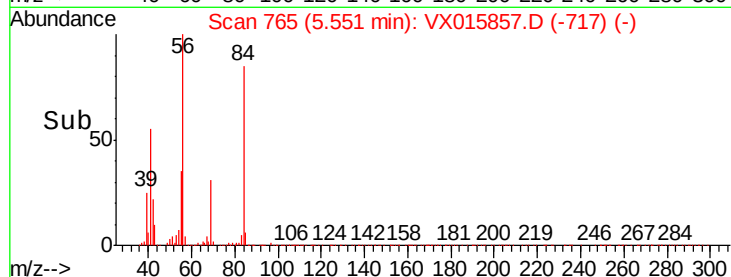
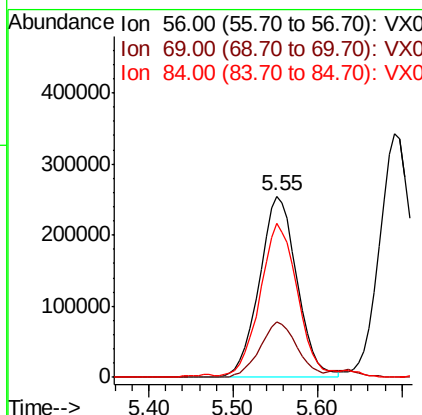
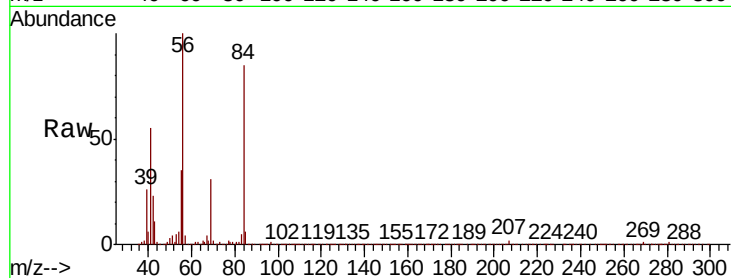




#31
Cyclohexane
Concen: 54.039 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

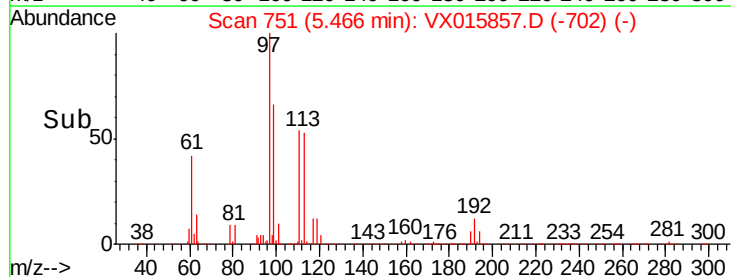
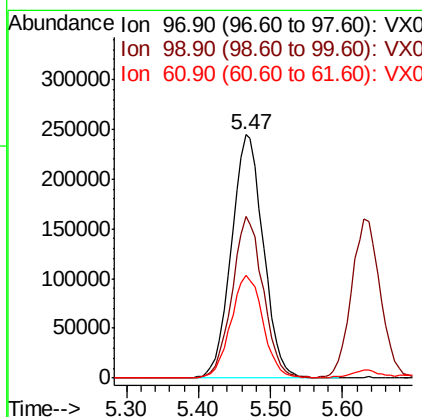
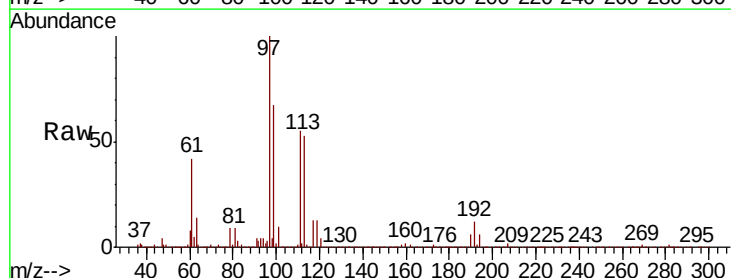
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

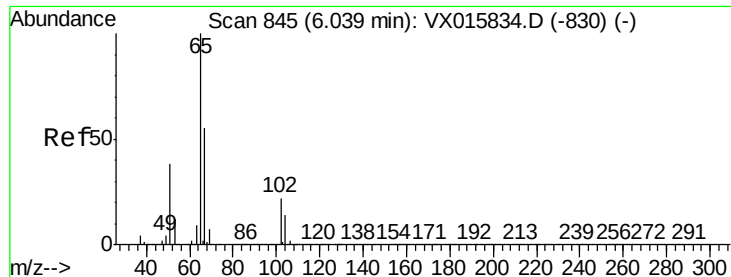
Tot Ion: 56 Resp: 783109
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 84.2 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 54.872 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 97 Resp: 750601
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 42.4 34.1 51.1

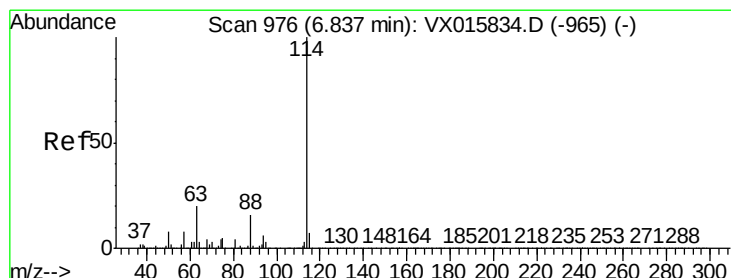
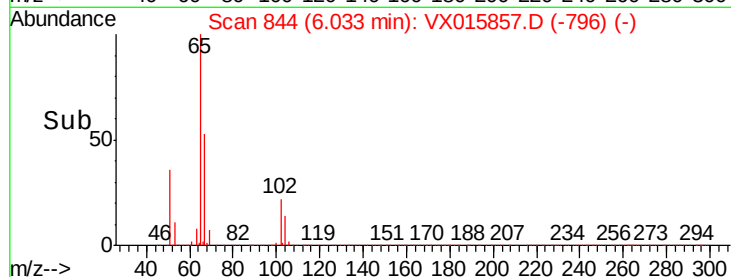
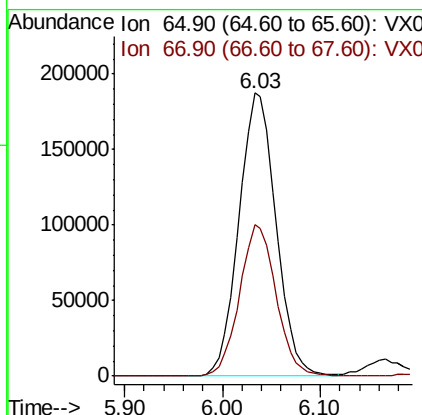
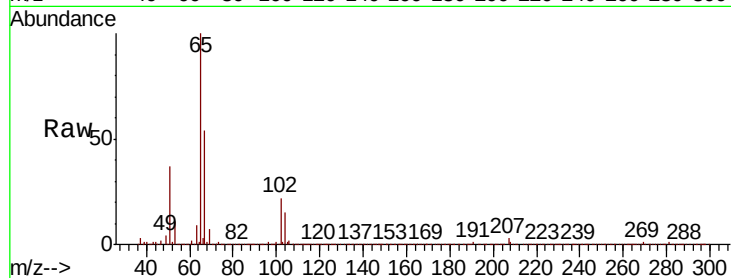




#33
 1,2-Dichloroethane-d4
 Concen: 49.702 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

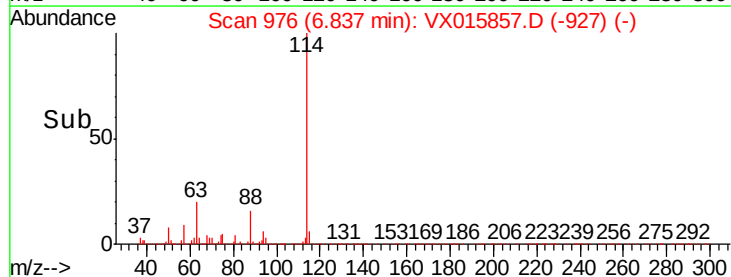
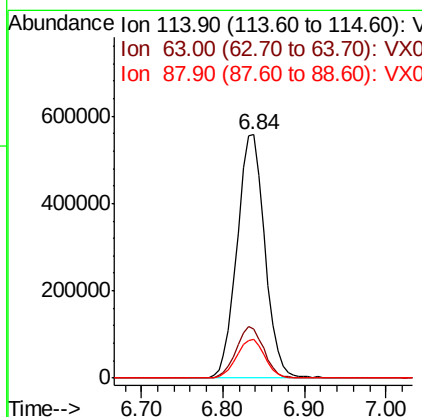
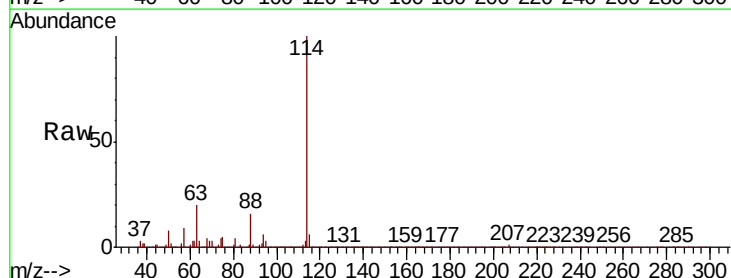
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

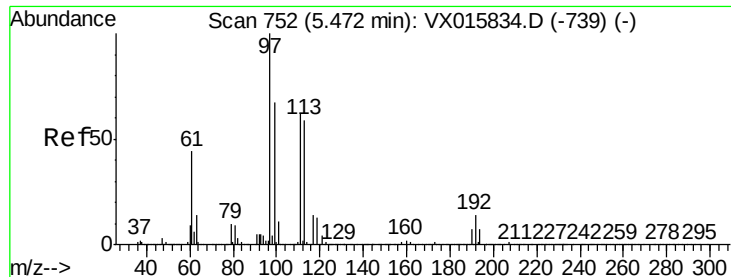
Tot Ion: 65 Resp: 492986
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion: 114 Resp: 1312956
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 15.9 0.0 32.8

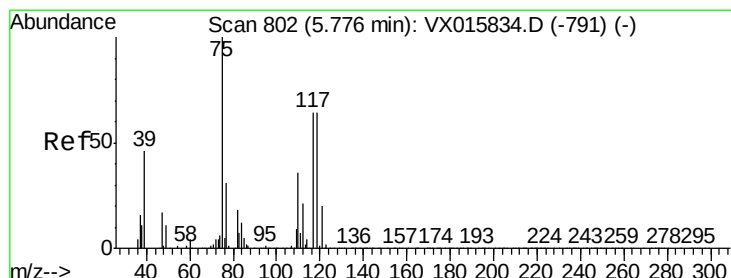
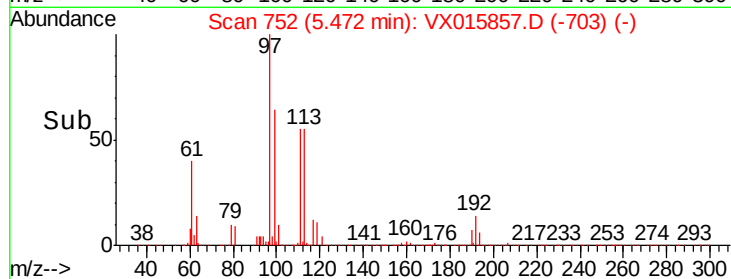
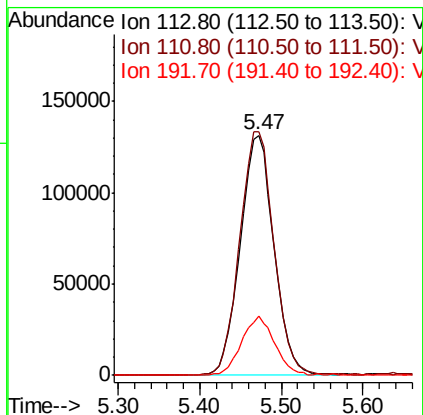
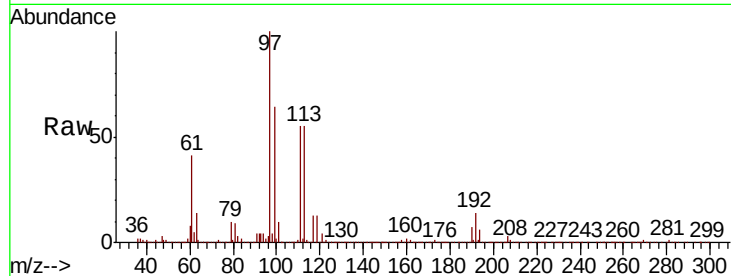




#35
 Dibromofluoromethane
 Concen: 49.712 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

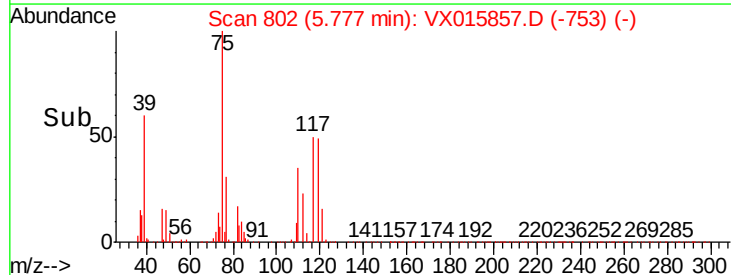
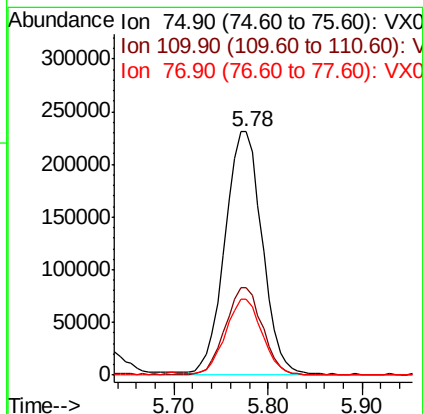
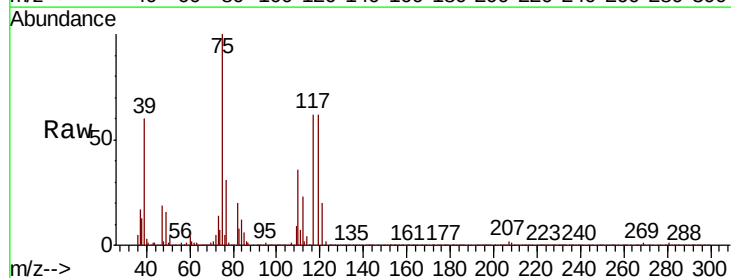
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

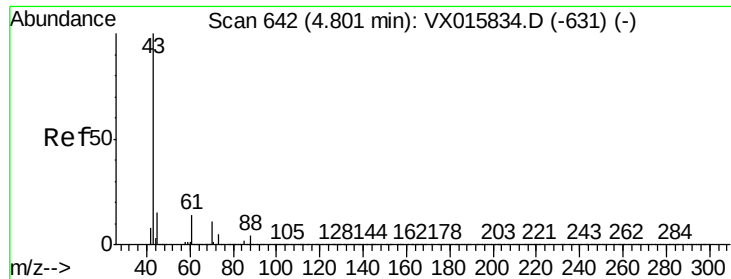
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	24.5	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 54.529 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.9	53.8
77	30.5	24.5	36.7

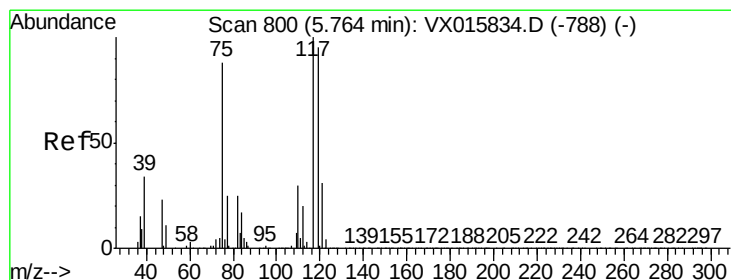
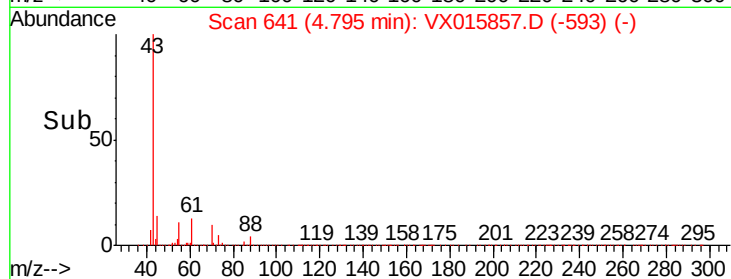
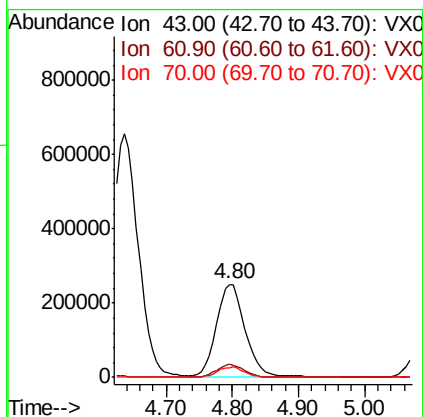
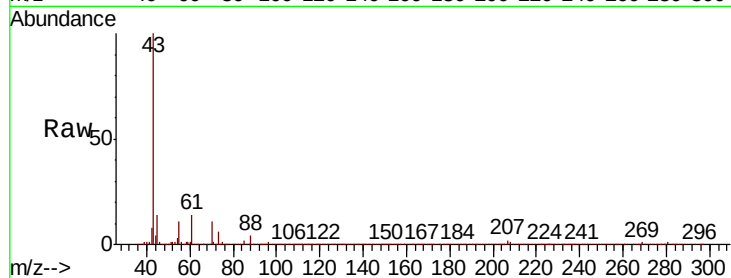




#37
Ethyl Acetate
Concen: 53.779 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

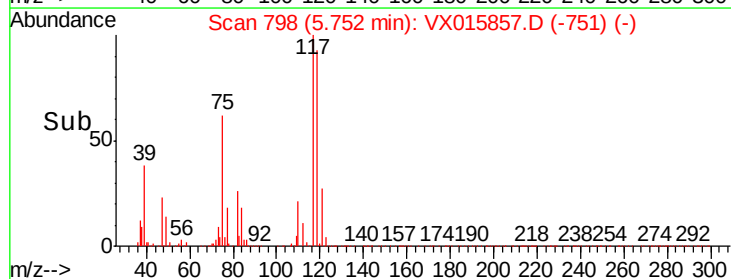
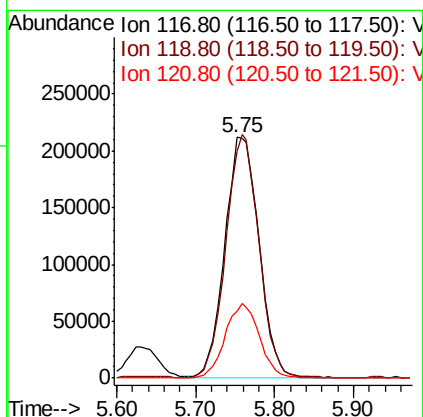
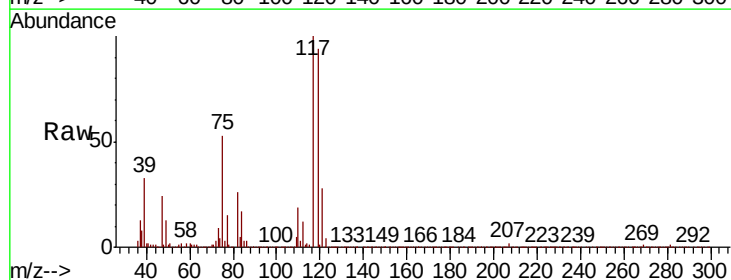
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

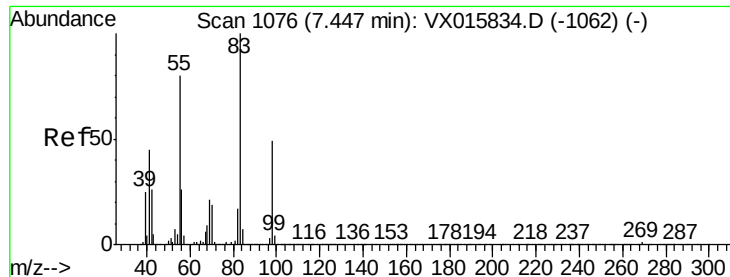
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.8	16.2
70	10.2	8.2	12.2



#38
Carbon Tetrachloride
Concen: 55.574 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.7	113.5
121	28.0	25.0	37.6

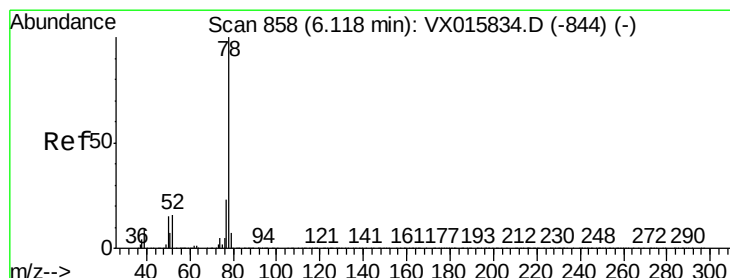
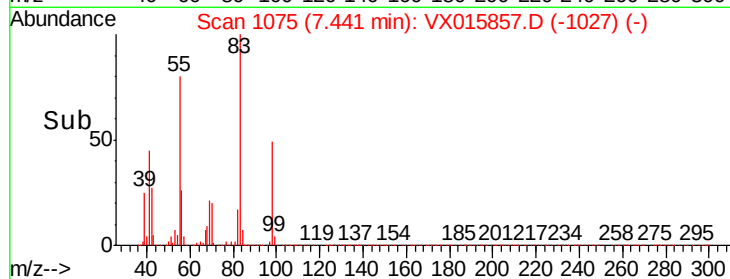
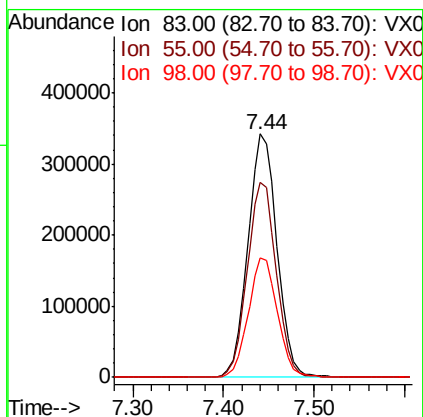
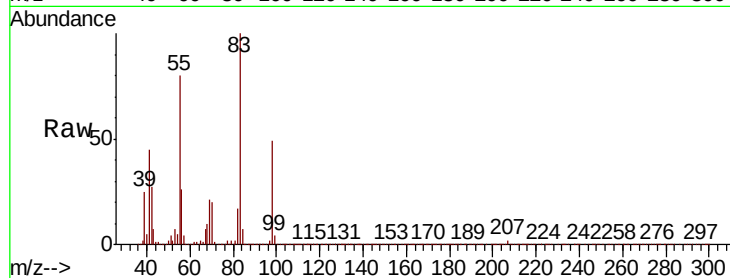




#39
Methylvlcyclohexane
Concen: 51.244 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

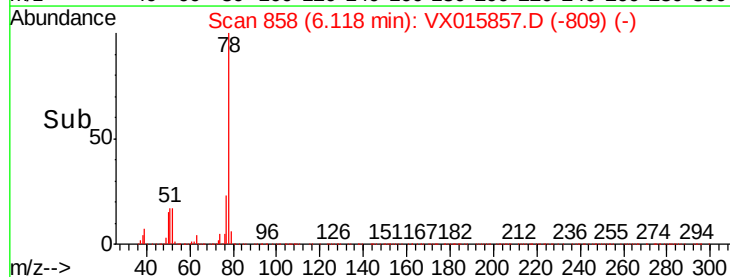
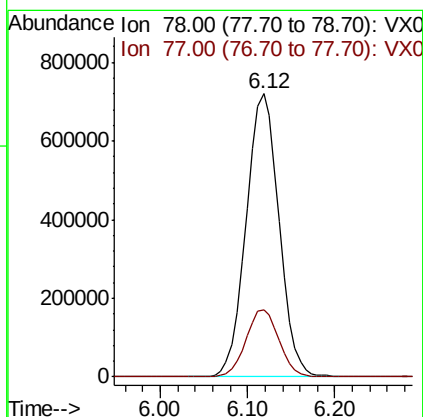
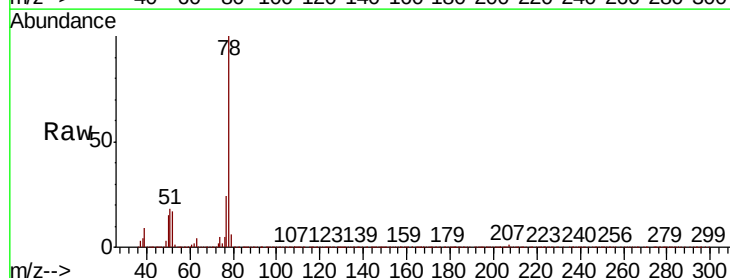
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

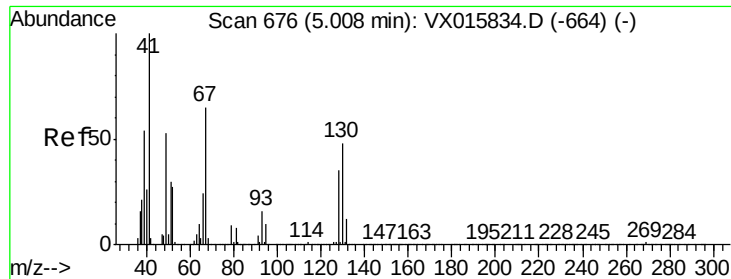
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.2	96.4
98	49.2	39.3	58.9



#40
Benzene
Concen: 53.726 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8

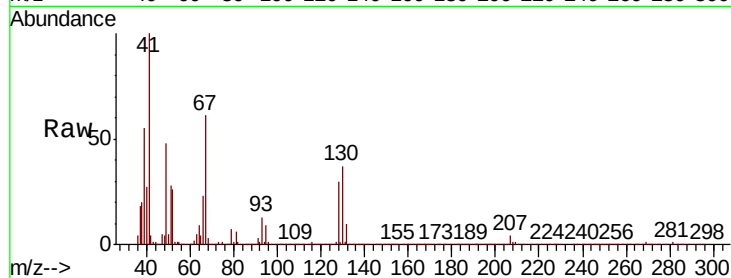




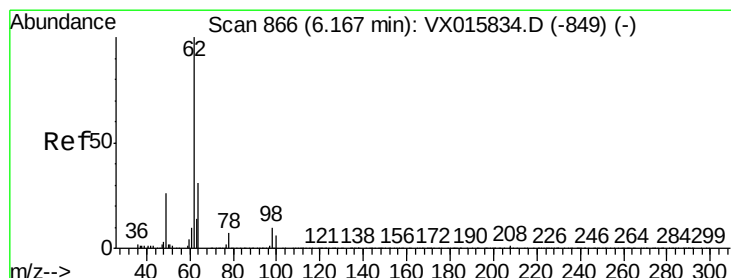
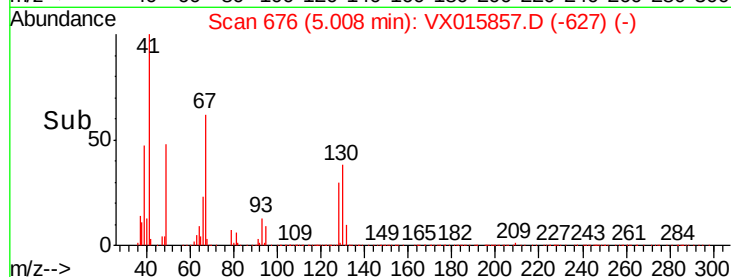
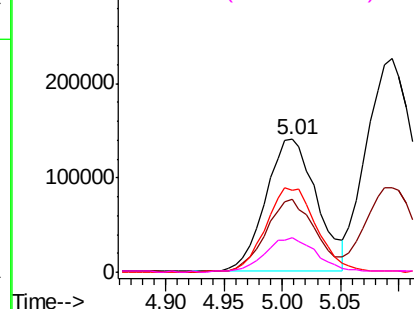
#41
Methacrylonitrile
Concen: 55.551 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	427608
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.4	63.6
67	64.3	51.9	77.9
52	26.4	21.0	31.4

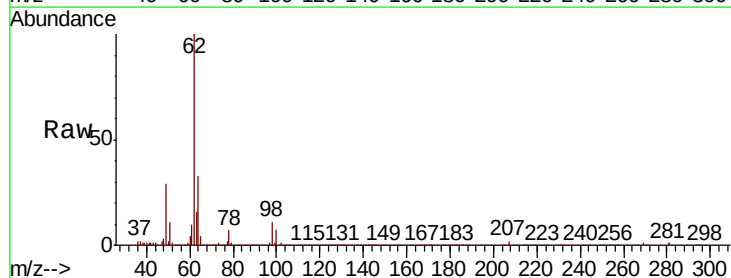


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

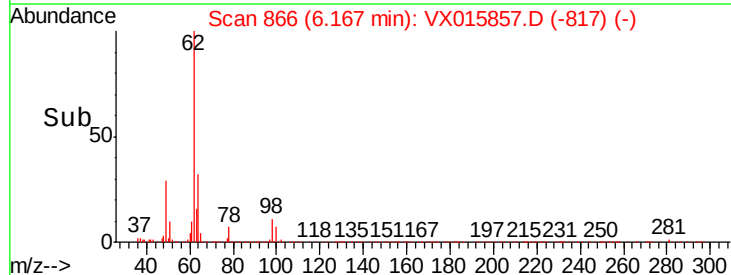
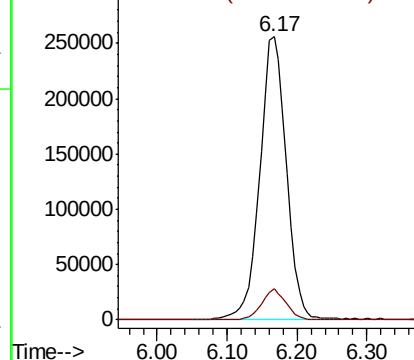


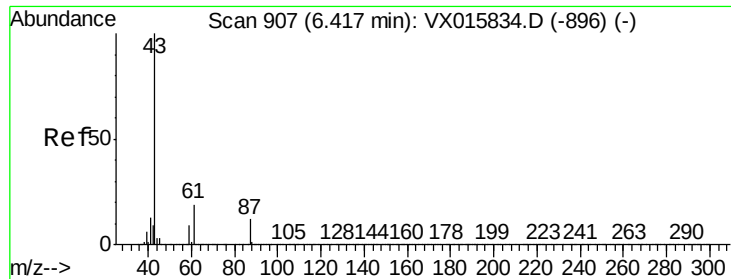
#42
1,2-Dichloroethane
Concen: 53.609 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion:	62	Resp:	676749
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.695 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

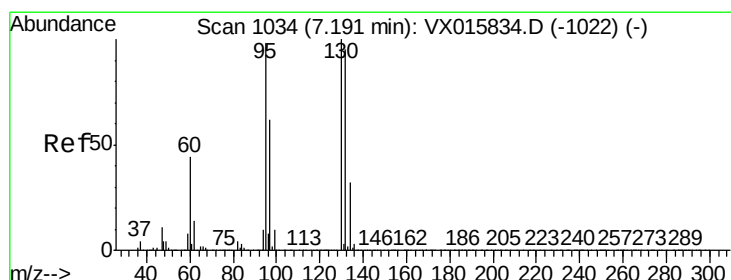
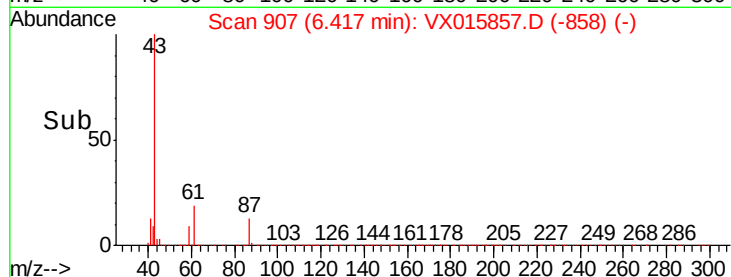
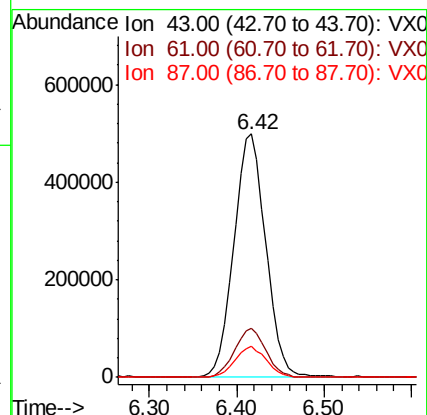
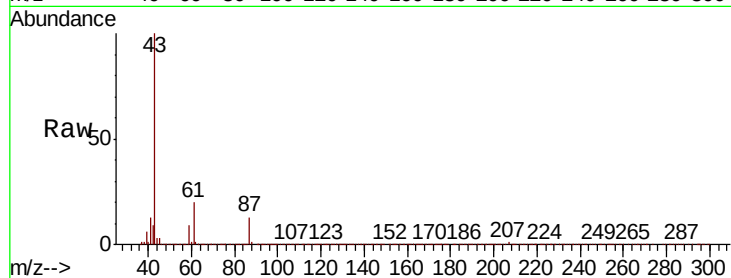
Tot Ion: 43 Resp: 1254706

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.2

87 12.6 9.8 14.6



#44

Trichloroethene

Concen: 52.327 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015857.D

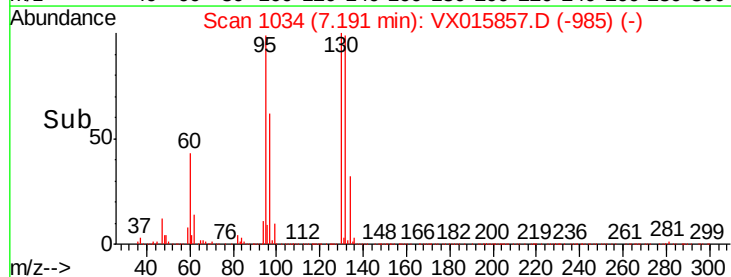
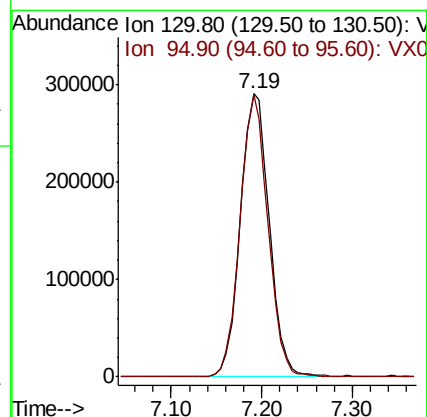
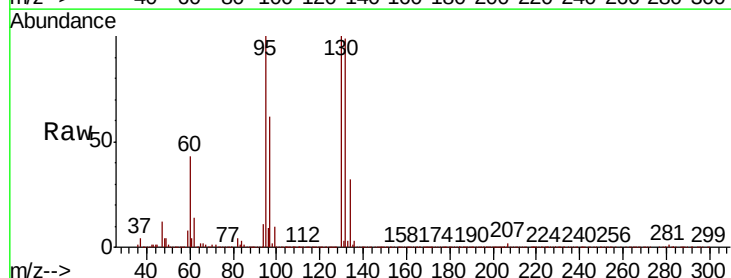
Acq: 22 Apr 2020 21:55

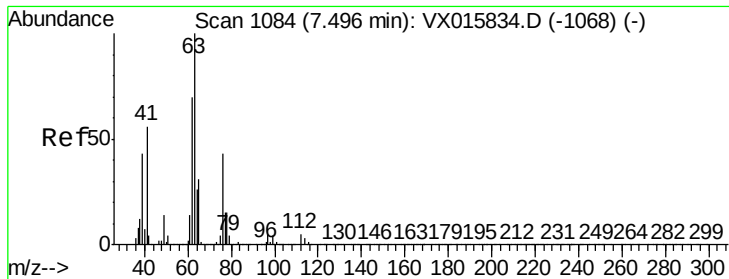
Tgt Ion:130 Resp: 644665

Ion Ratio Lower Upper

130 100

95 99.6 0.0 195.8

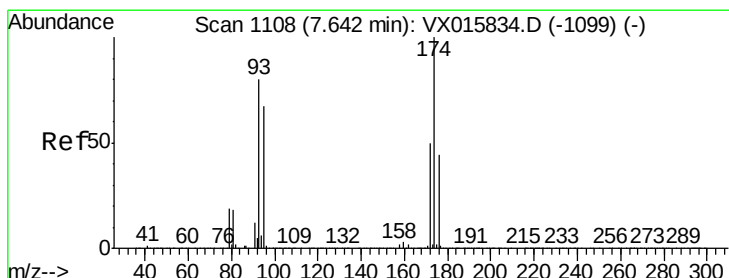
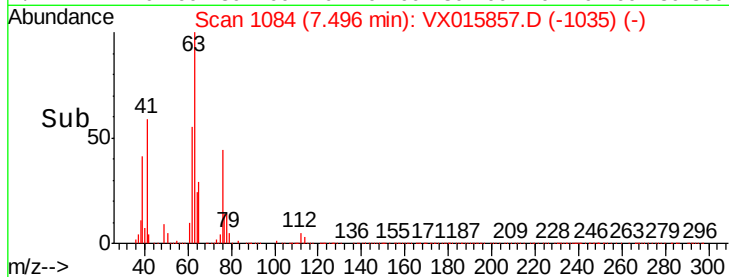
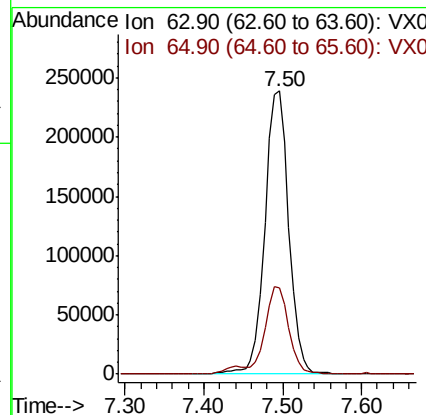
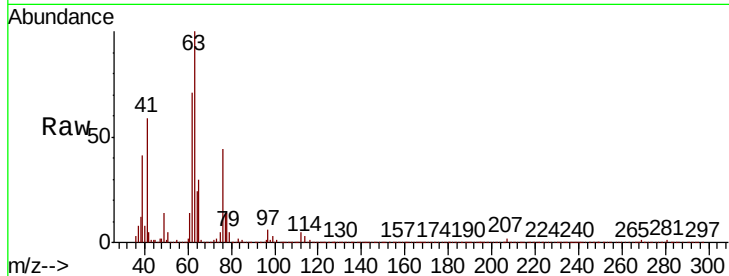




#45
 1,2-Dichloropropane
 Concen: 54.519 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

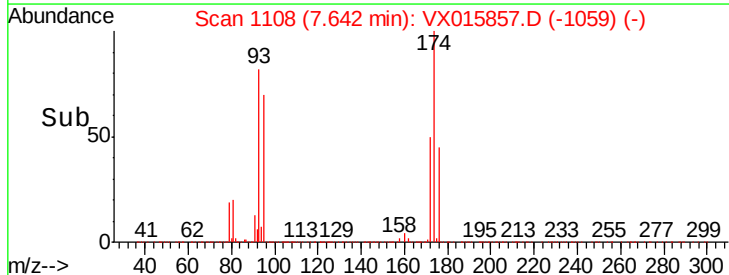
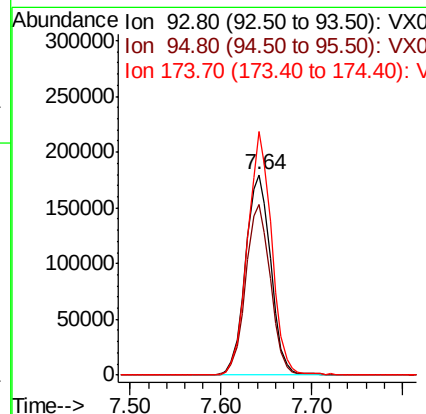
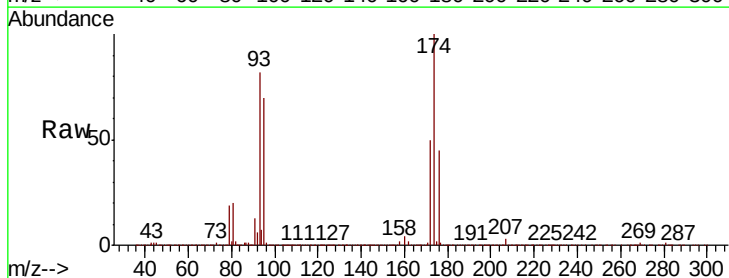
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

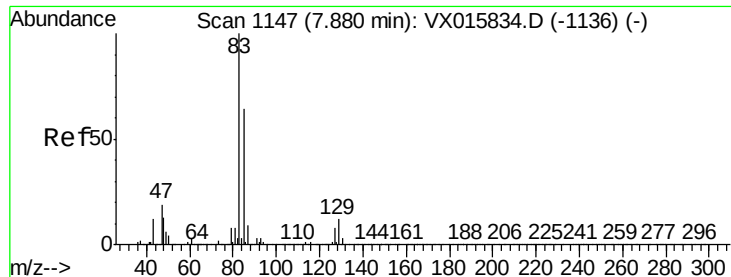
Tot Ion: 63 Resp: 500875
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 51.380 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion: 93 Resp: 344584
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.8 98.8
 174 116.3 95.6 143.4





#47

Bromodichloromethane

Concen: 55.533 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

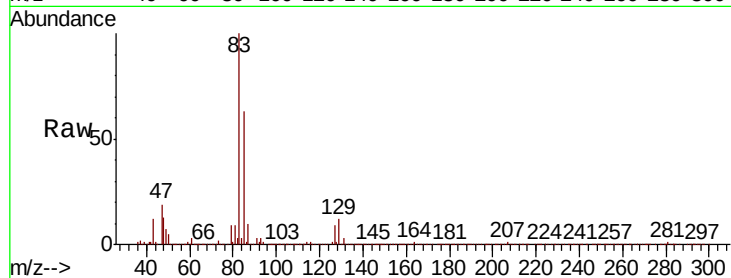
Tot Ion: 83 Resp: 662560

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

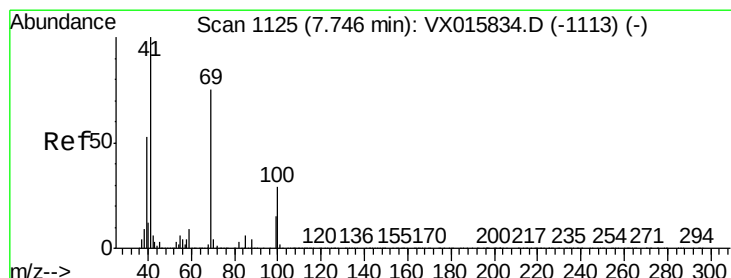
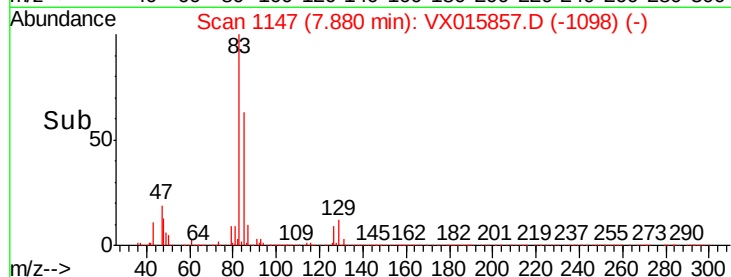
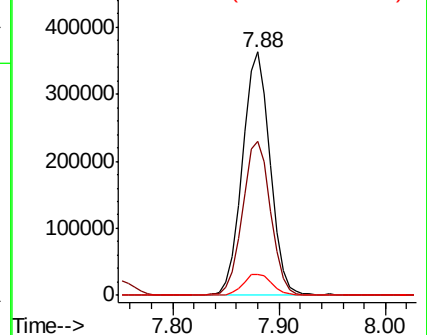
127 8.5 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 54.693 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

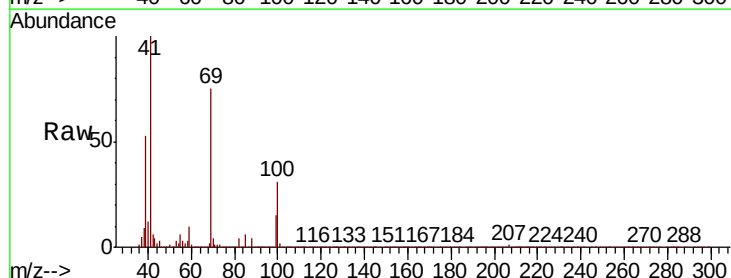
Tgt Ion: 41 Resp: 628649

Ion Ratio Lower Upper

41 100

69 74.8 60.5 90.7

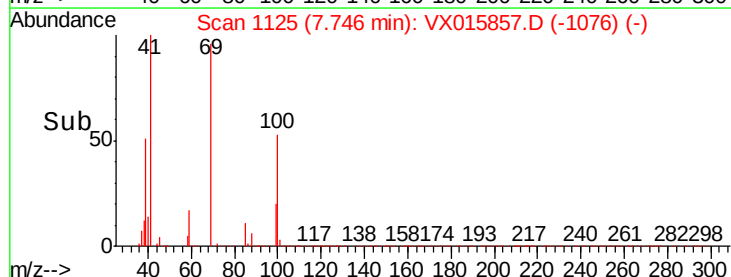
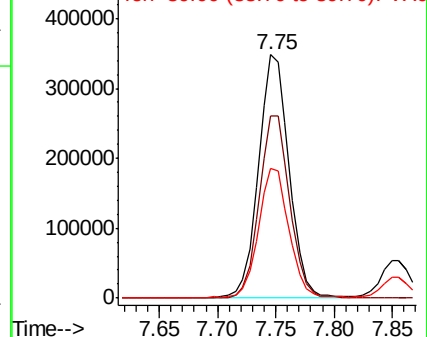
39 53.3 42.1 63.1

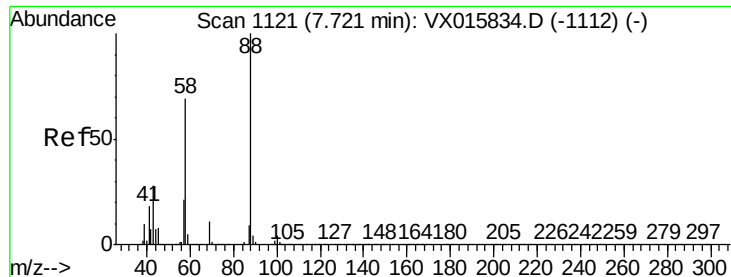


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1022.846 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

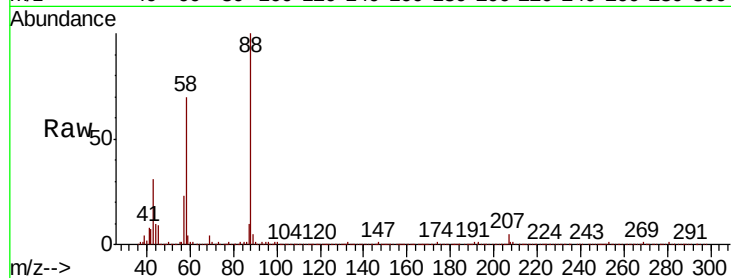
Tot Ion: 88 Resp: 222191

Ion Ratio Lower Upper

88 100

43 36.9 28.2 42.4

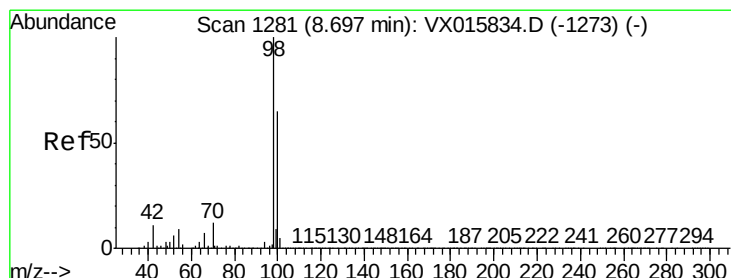
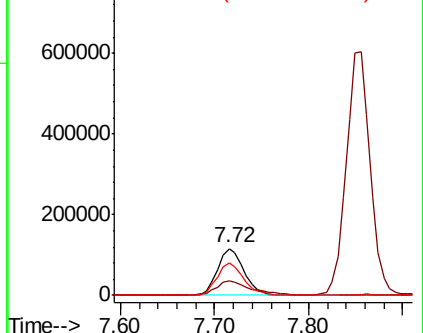
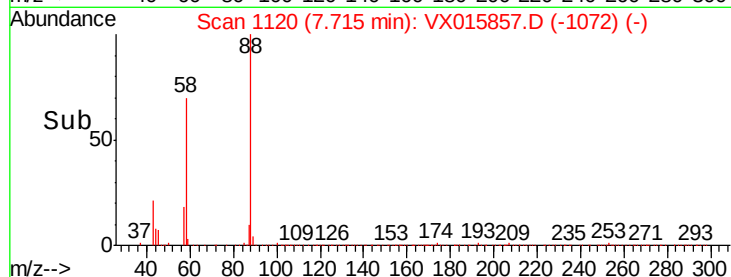
58 72.6 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.704 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015857.D

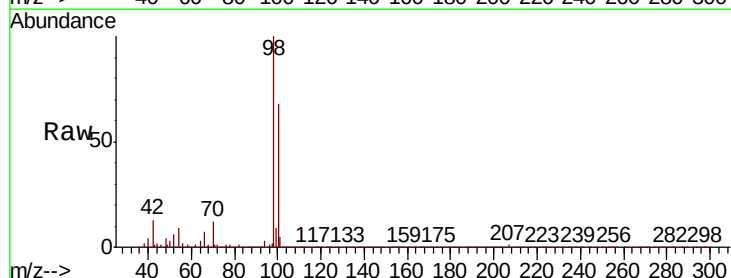
Acq: 22 Apr 2020 21:55

Tgt Ion: 98 Resp: 1516421

Ion Ratio Lower Upper

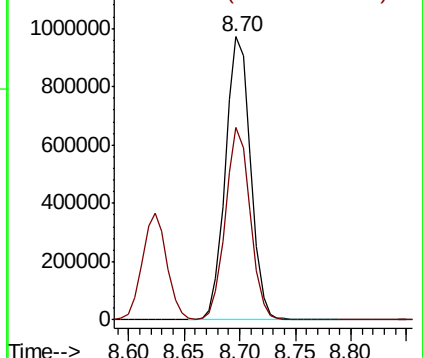
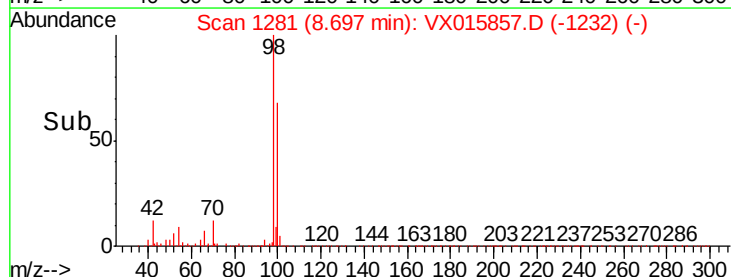
98 100

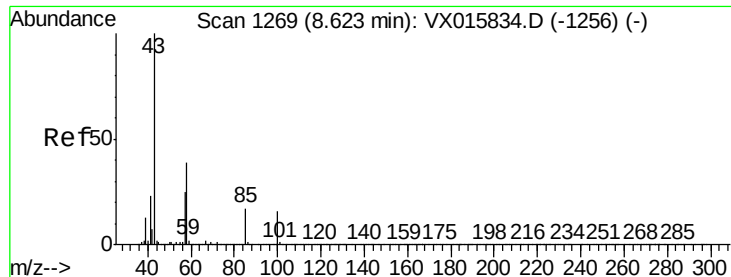
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 272.422 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

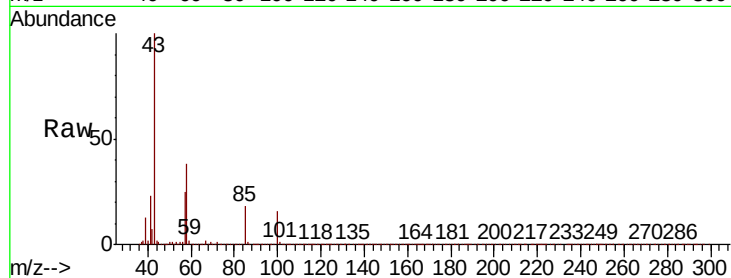
VSTDCCC050

Tot Ion: 43 Resp: 3674361

Ion Ratio Lower Upper

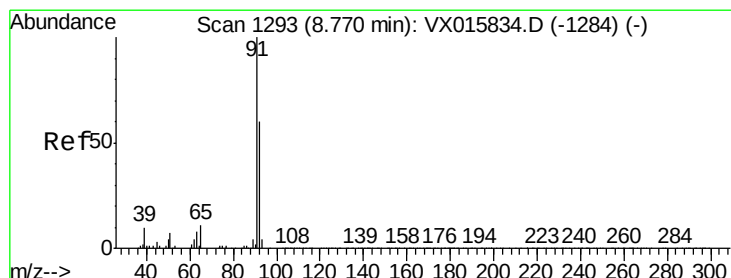
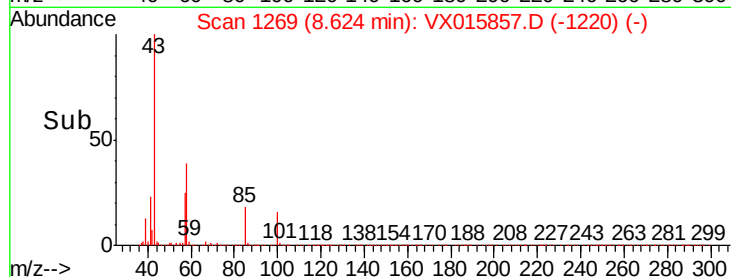
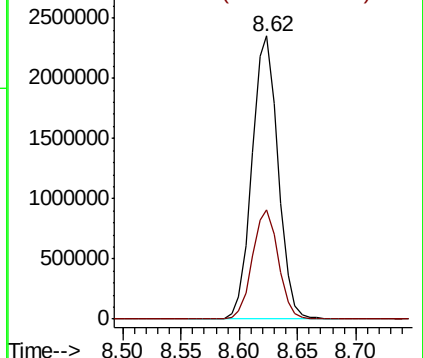
43 100

58 38.4 30.6 45.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.938 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015857.D

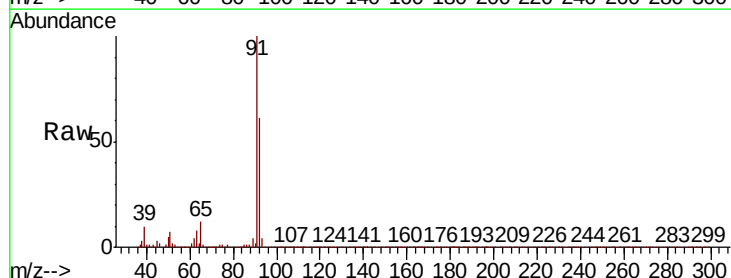
Acq: 22 Apr 2020 21:55

Tgt Ion: 92 Resp: 1212016

Ion Ratio Lower Upper

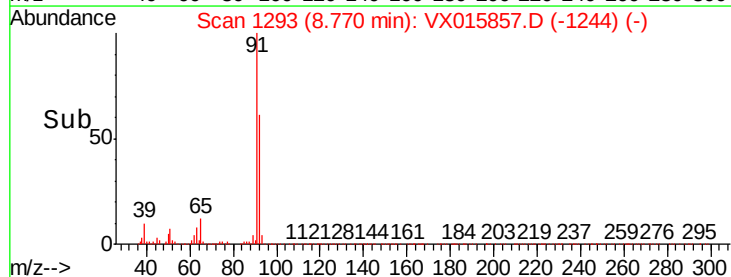
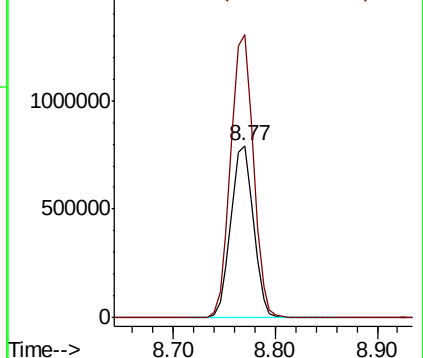
92 100

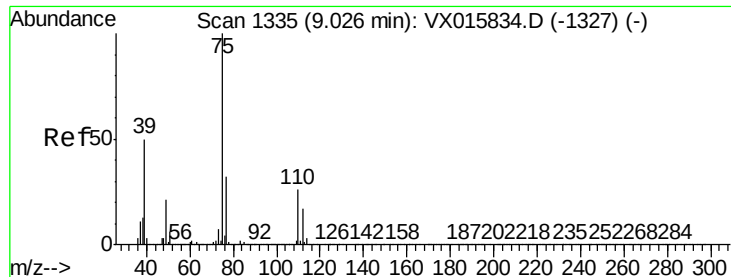
91 165.5 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

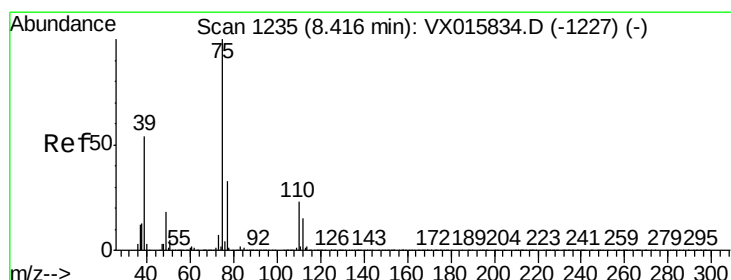
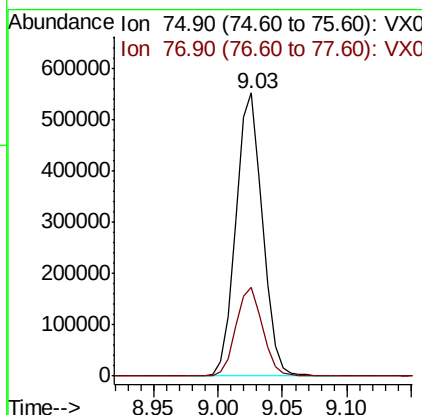
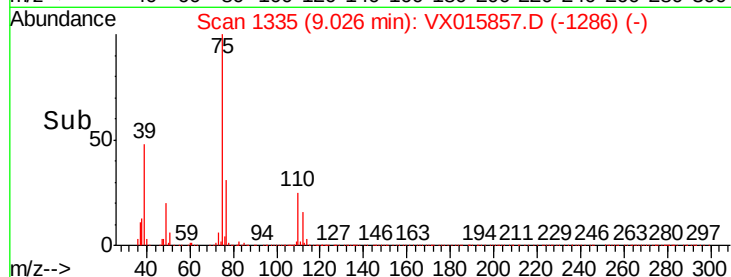
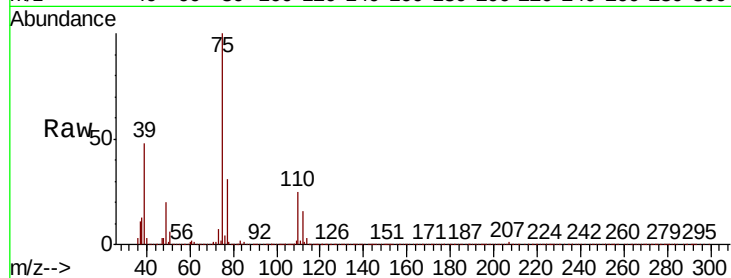




#53
t-1,3-Dichloropropene
Concen: 53.360 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

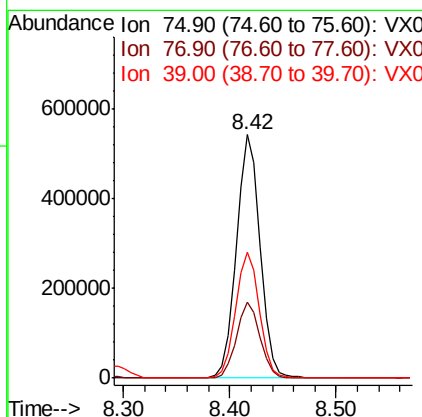
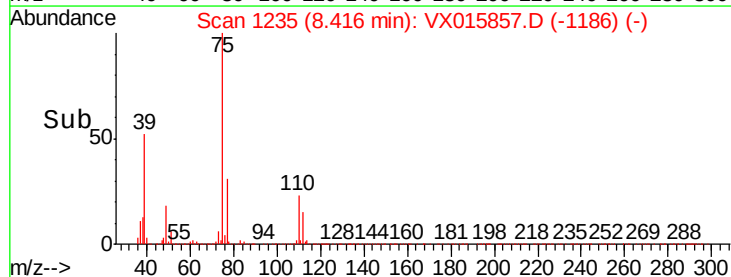
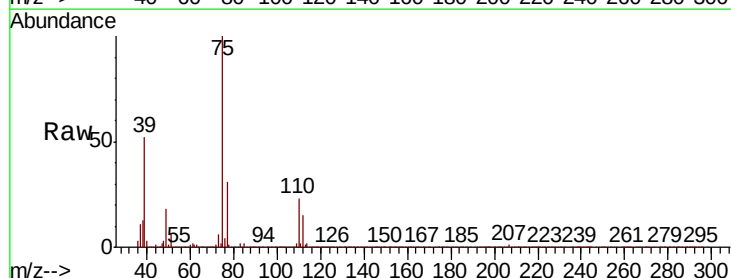
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

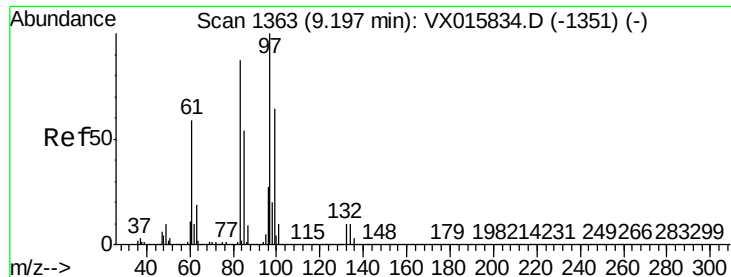
Tot Ion: 75 Resp: 789914
Ion Ratio Lower Upper
75 100
77 31.4 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 54.164 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 75 Resp: 847449
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
39 51.5 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 55.715 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 488858

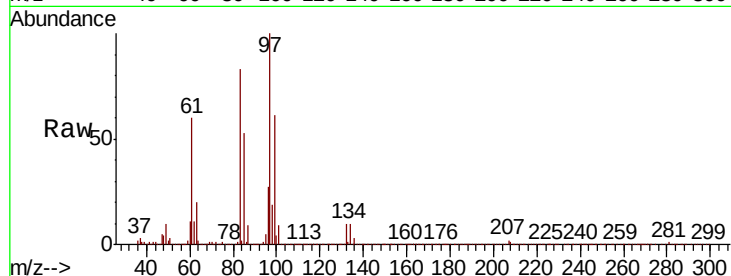
Ion Ratio Lower Upper

97 100

83 83.0 69.8 104.8

85 53.2 43.4 65.2

99 60.5 51.2 76.8

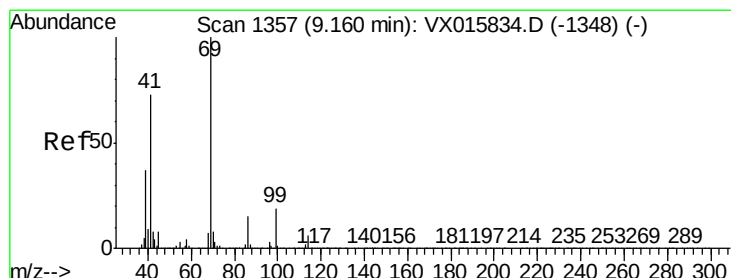
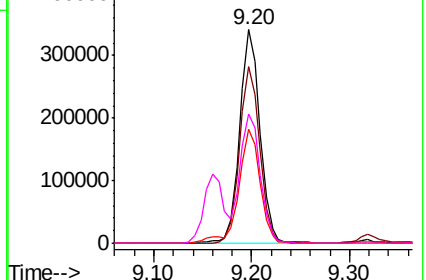
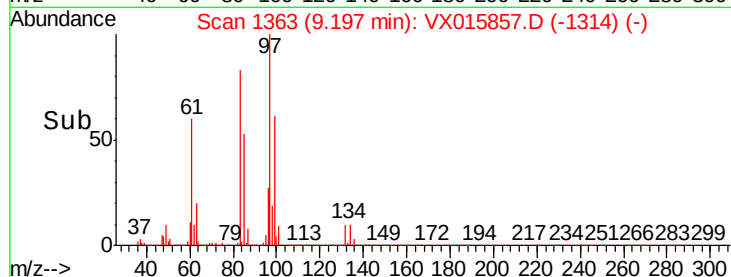


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.592 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

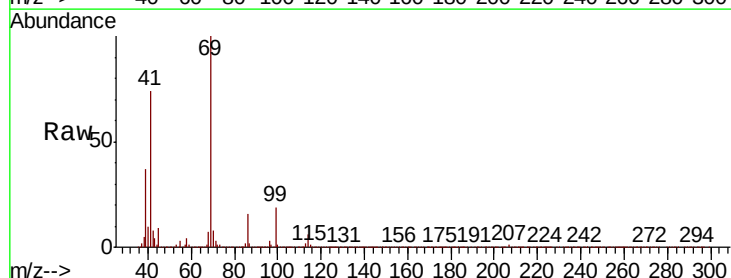
Tgt Ion: 69 Resp: 796490

Ion Ratio Lower Upper

69 100

41 73.6 57.4 86.2

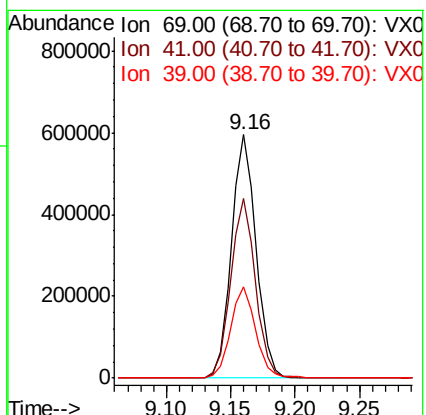
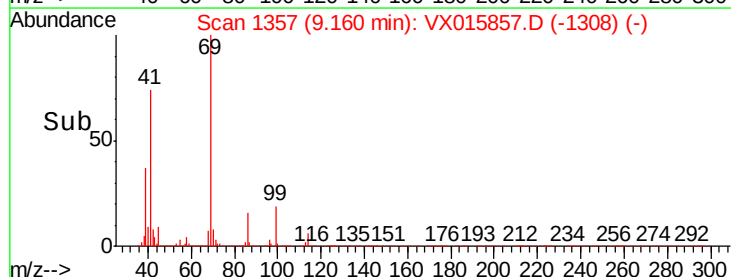
39 37.9 29.7 44.5

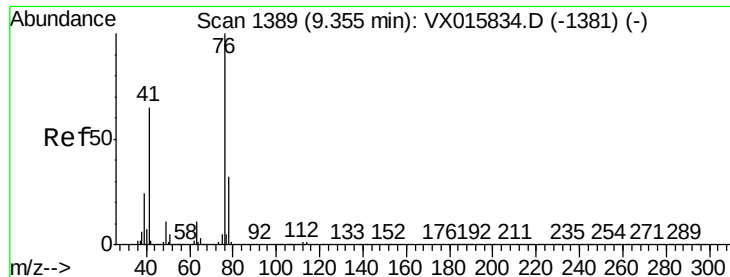


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.279 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

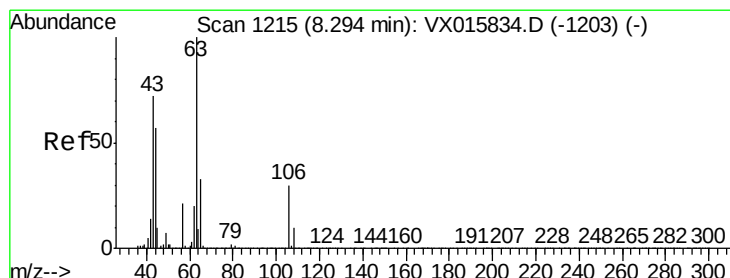
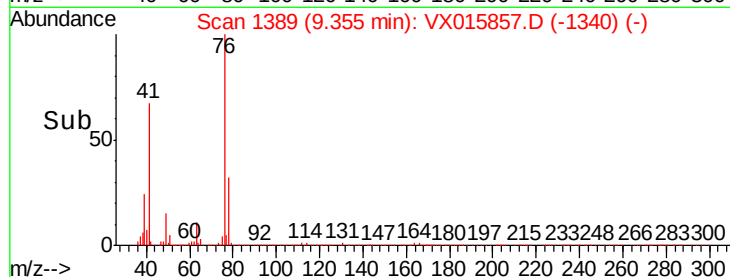
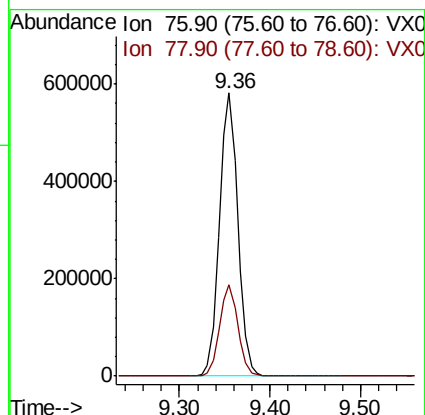
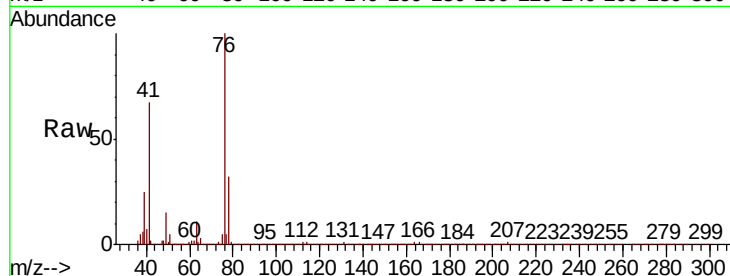
VSTDCCC050

Tot Ion: 76 Resp: 827618

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 262.673 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015857.D

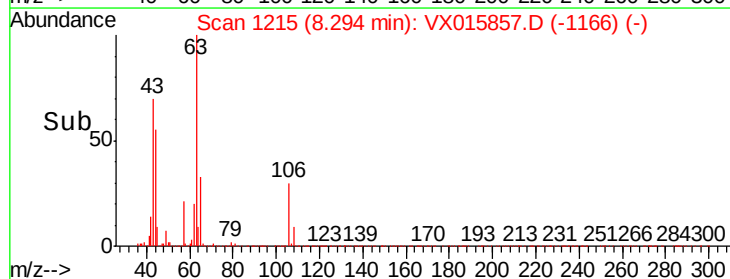
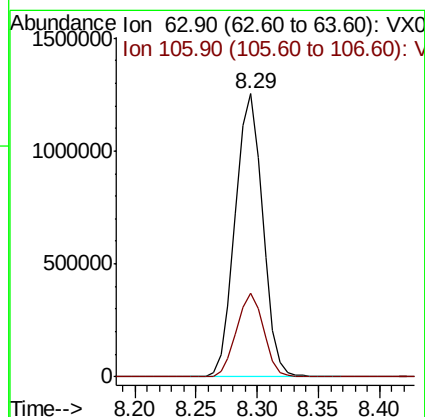
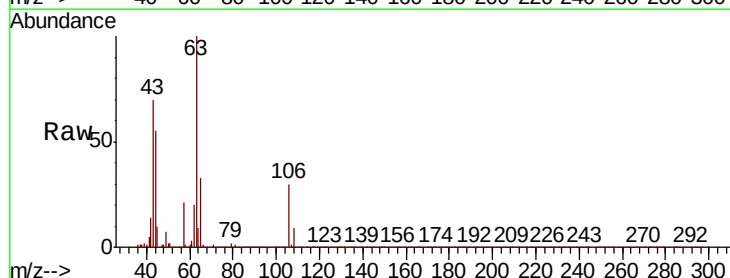
Acq: 22 Apr 2020 21:55

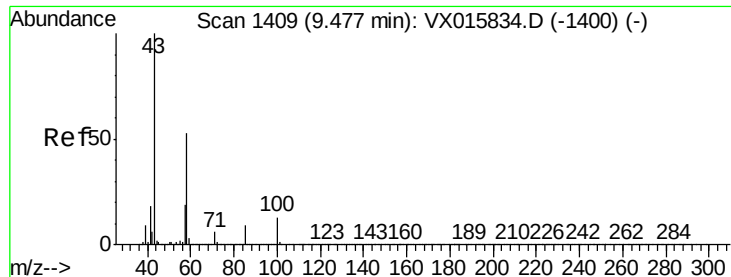
Tgt Ion: 63 Resp: 1950237

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8

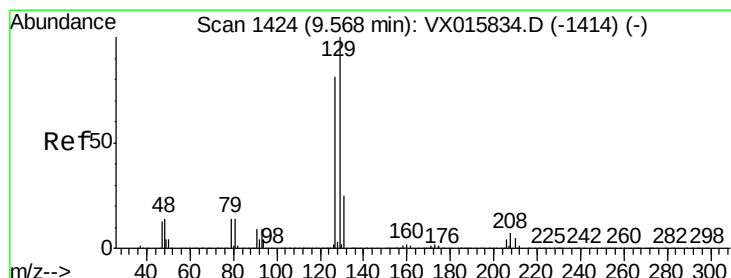
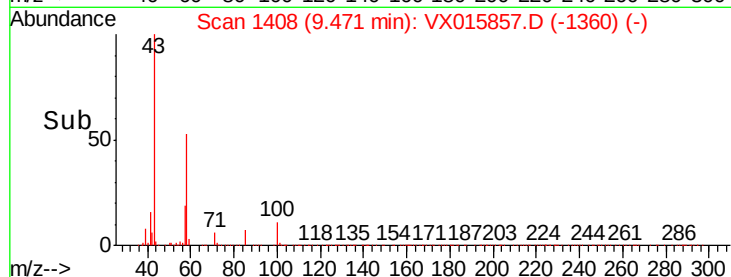
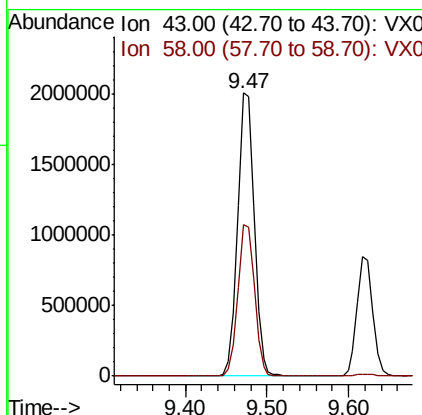
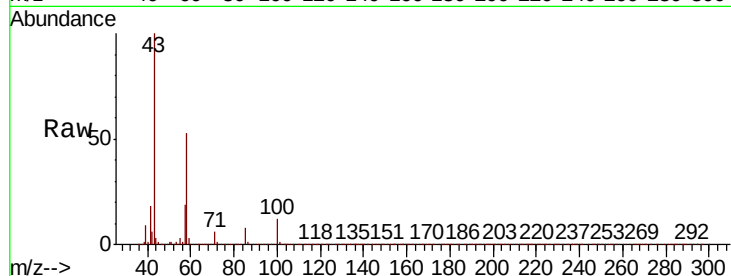




#59
2-Hexanone
Concen: 270.989 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

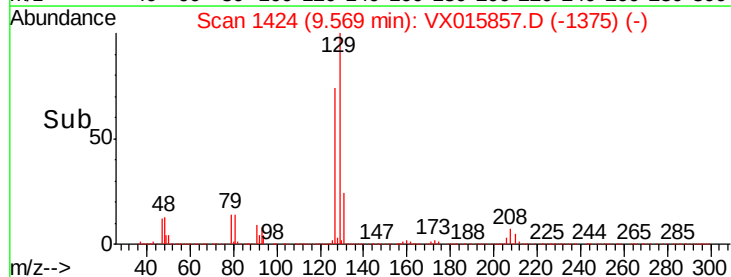
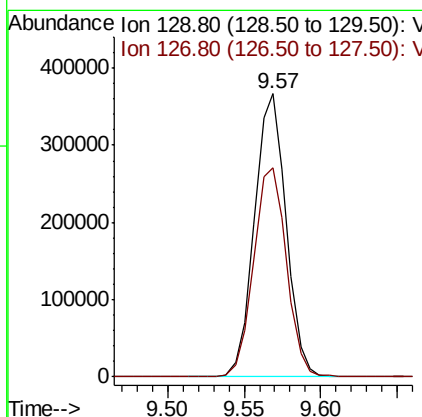
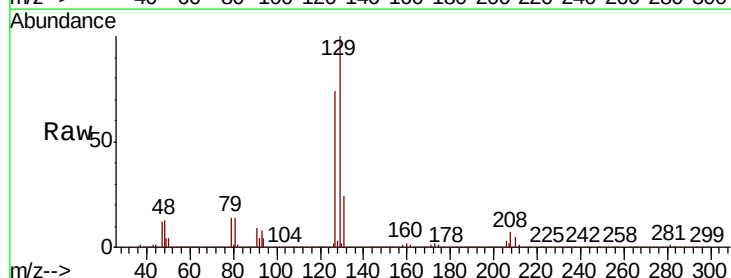
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

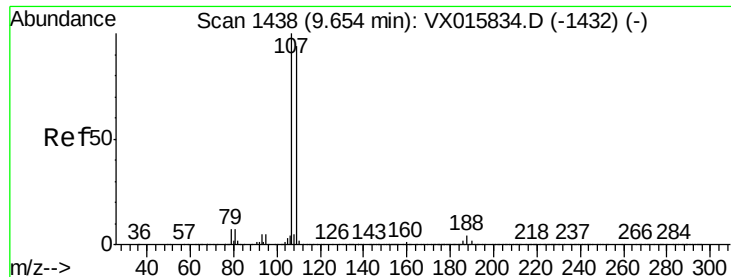
Tot Ion: 43 Resp: 2784432
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.4



#60
Dibromochloromethane
Concen: 58.262 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 129 Resp: 527921
Ion Ratio Lower Upper
129 100
127 76.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 52.944 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

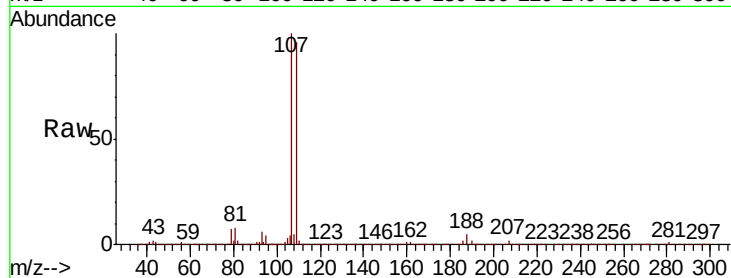
VSTDCCC050

Tot Ion:107 Resp: 513419

Ion Ratio Lower Upper

107 100

109 95.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

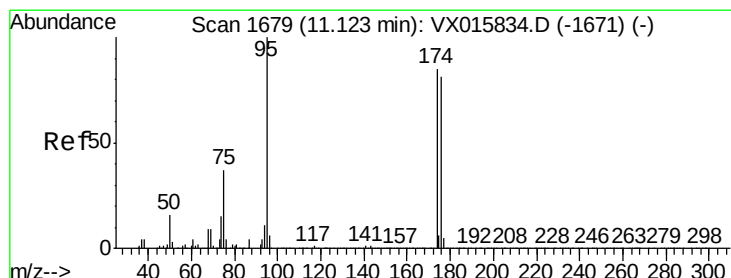
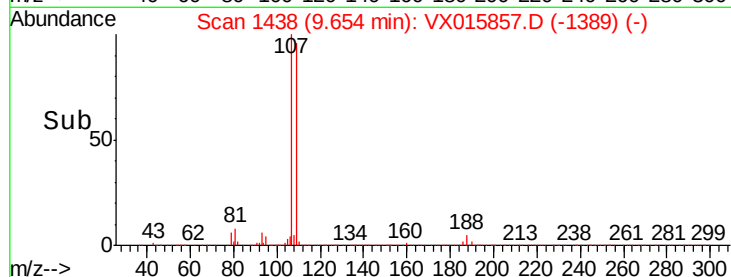
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.943 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

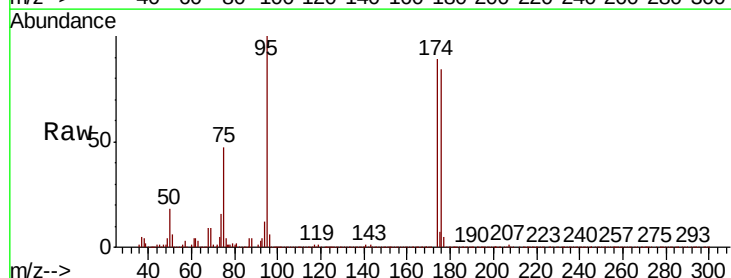
Tgt Ion: 95 Resp: 612553

Ion Ratio Lower Upper

95 100

174 87.3 0.0 172.4

176 82.6 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

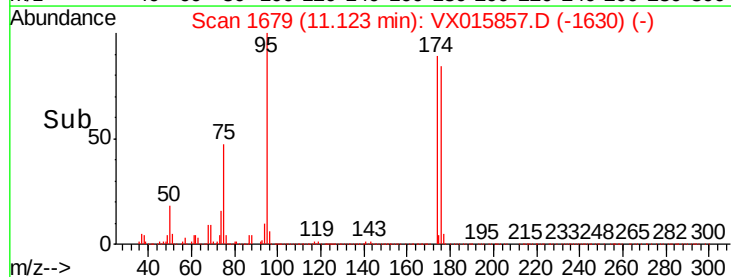
600000

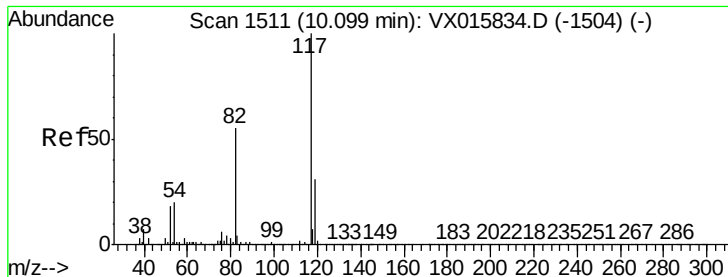
400000

200000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

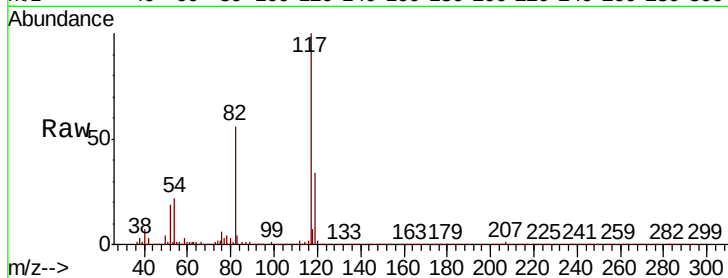
Tot Ion:117 Resp: 1231327

Ion Ratio Lower Upper

117 100

82 56.2 43.9 65.9

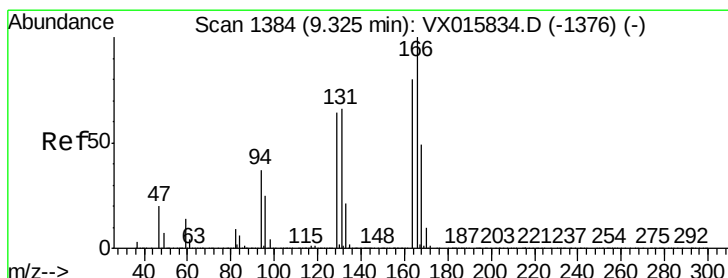
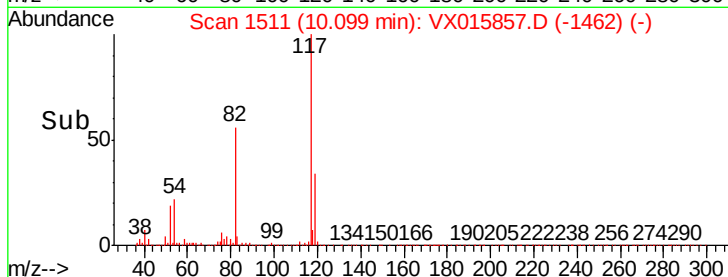
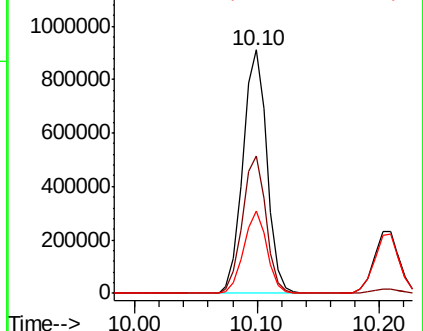
119 33.6 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.165 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion:164 Resp: 816003

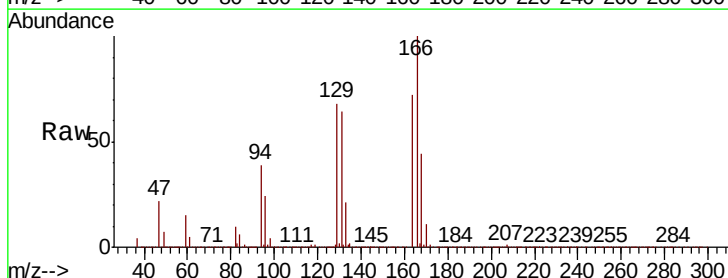
Ion Ratio Lower Upper

164 100

166 138.3 100.2 150.2

129 93.4 64.5 96.7

131 88.9 65.9 98.9

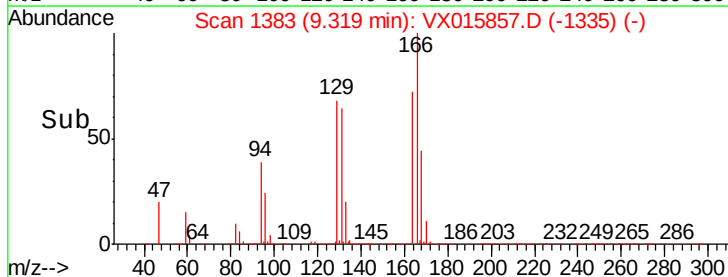
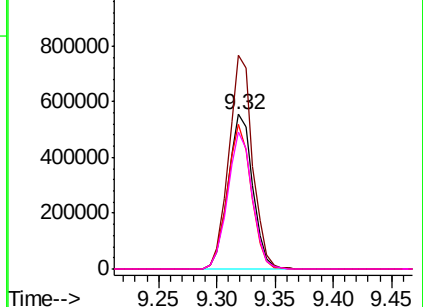


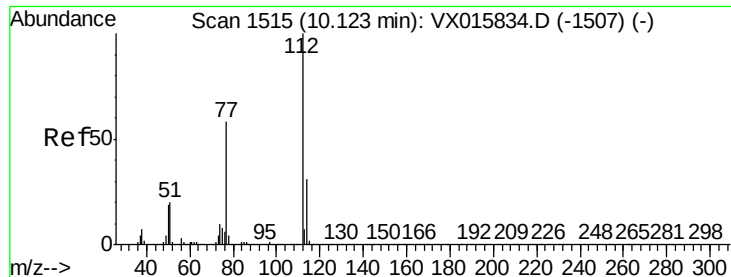
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

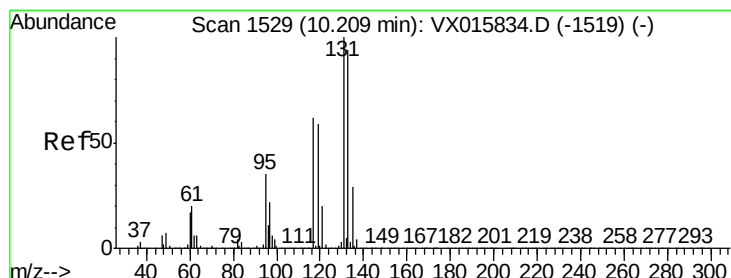
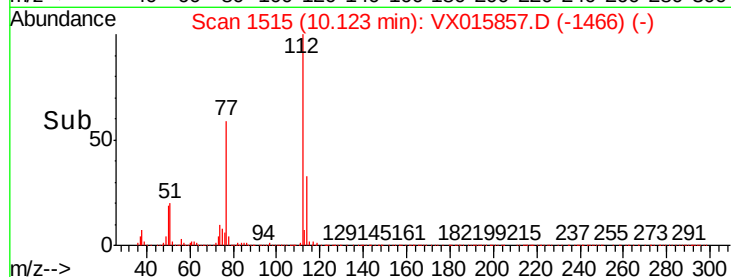
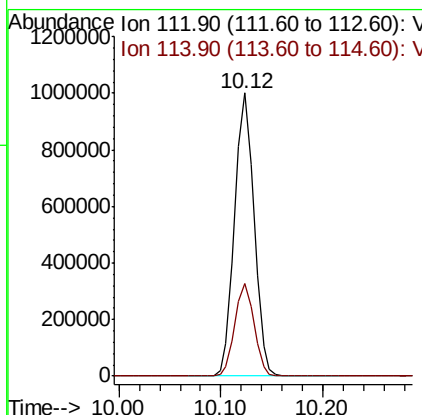
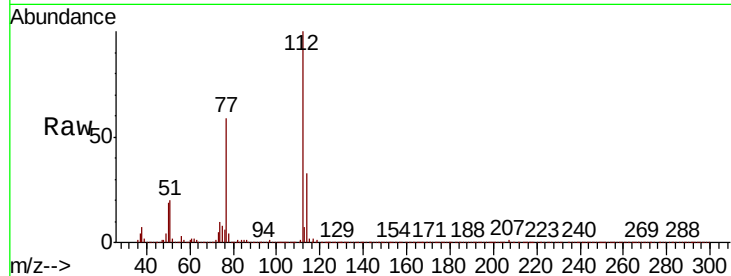




#65
Chlorobenzene
Concen: 53.488 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

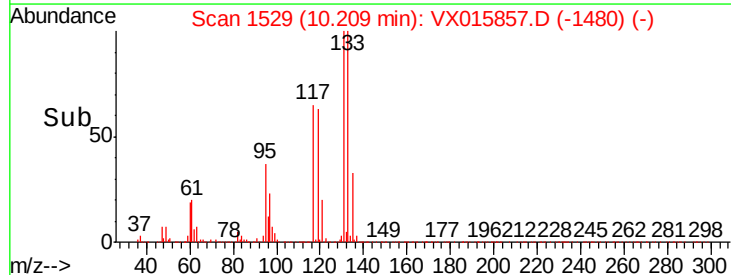
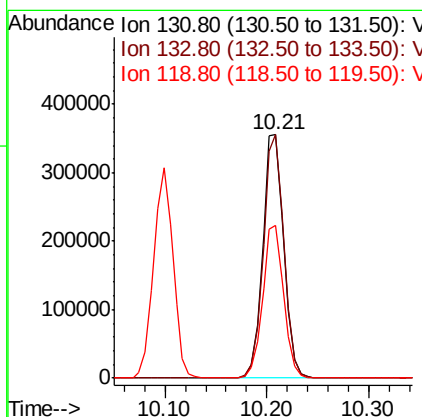
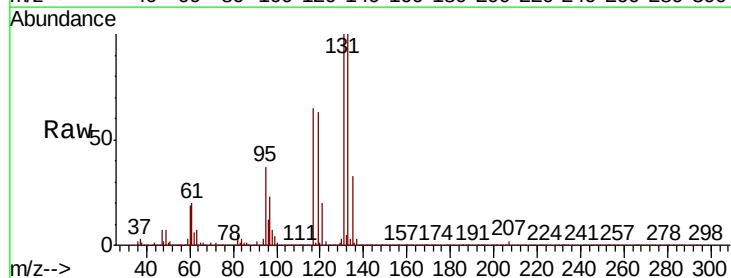
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

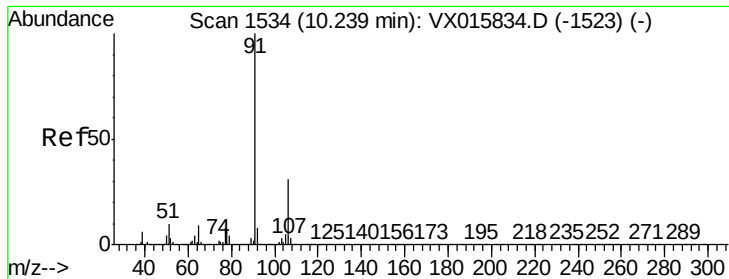
Tot Ion:112 Resp: 1317019
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.438 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion:131 Resp: 510242
Ion Ratio Lower Upper
131 100
133 97.0 47.0 141.2
119 62.4 30.9 92.8





#67

Ethyl Benzene

Concen: 53.776 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

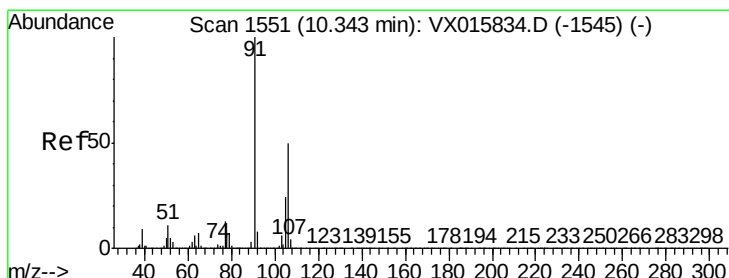
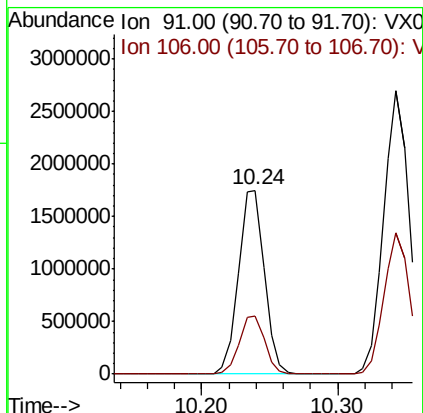
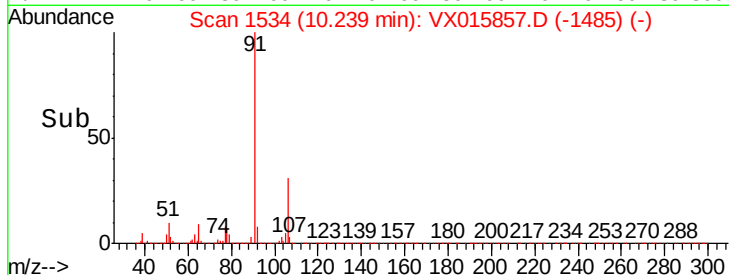
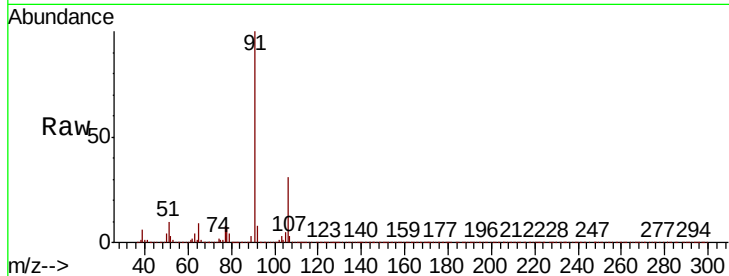
VSTDCCC050

Tot Ion: 91 Resp: 2325236

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 109.270 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015857.D

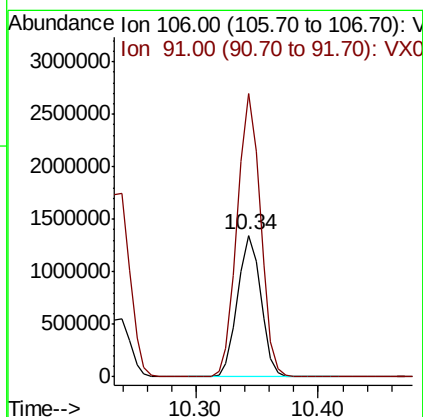
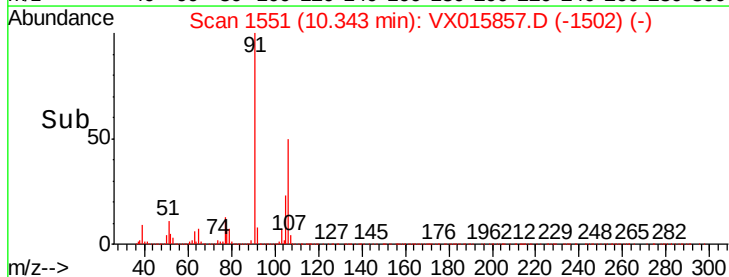
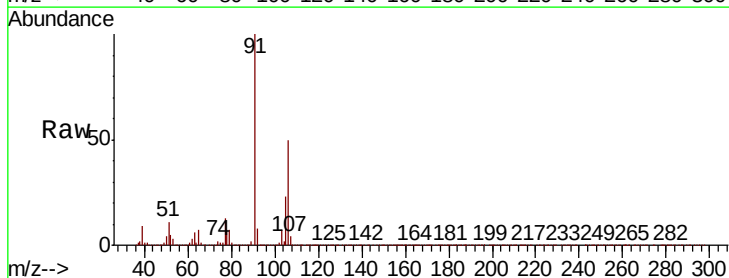
Acq: 22 Apr 2020 21:55

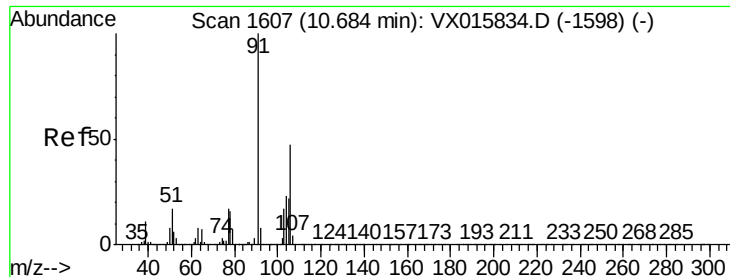
Tgt Ion: 106 Resp: 1773452

Ion Ratio Lower Upper

106 100

91 200.2 161.1 241.7

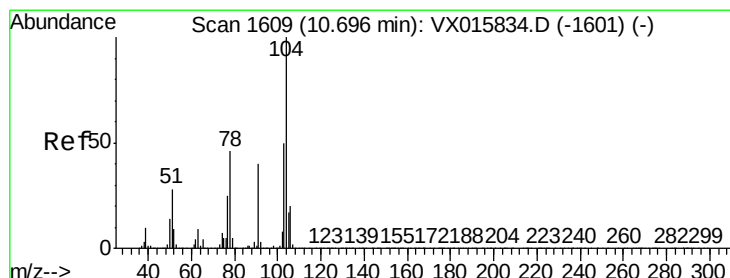
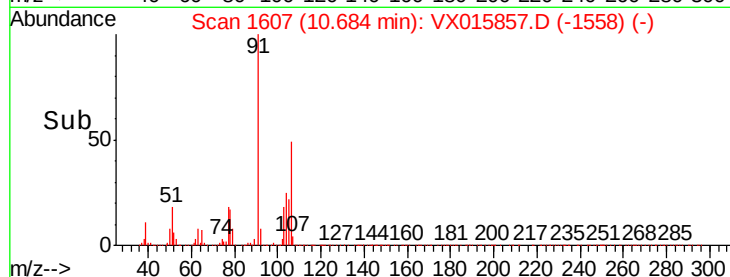
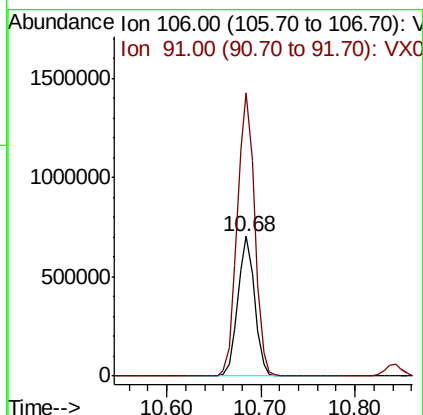
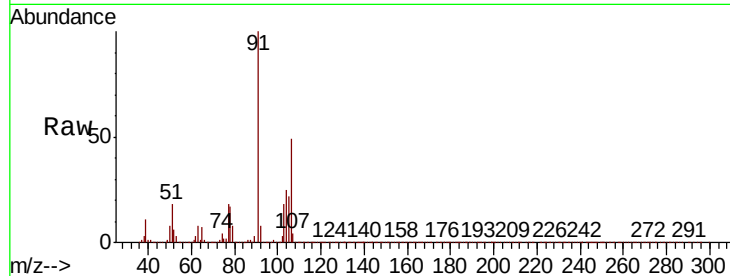




#69
o-Xylene
Concen: 54.540 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

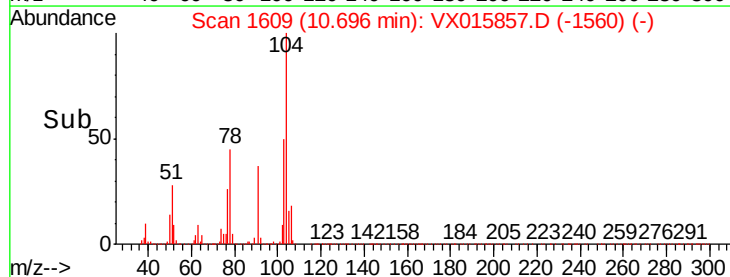
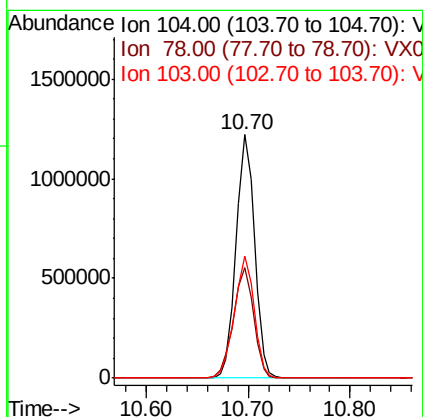
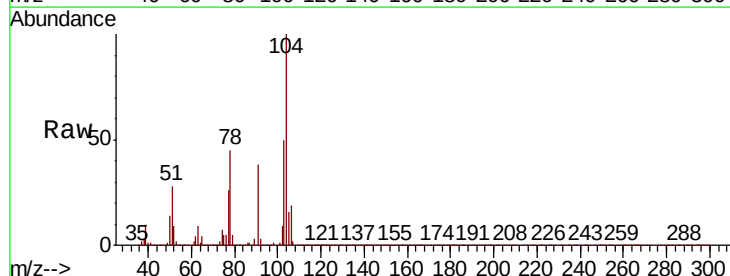
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

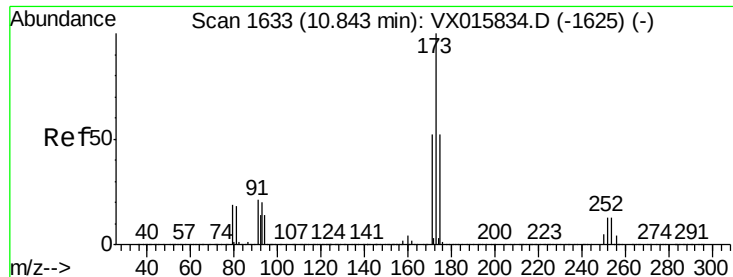
Tot Ion:106 Resp: 871066
Ion Ratio Lower Upper
106 100
91 210.1 107.1 321.3



#70
Styrene
Concen: 55.159 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion:104 Resp: 1525373
Ion Ratio Lower Upper
104 100
78 49.7 40.1 60.1
103 53.6 43.3 64.9

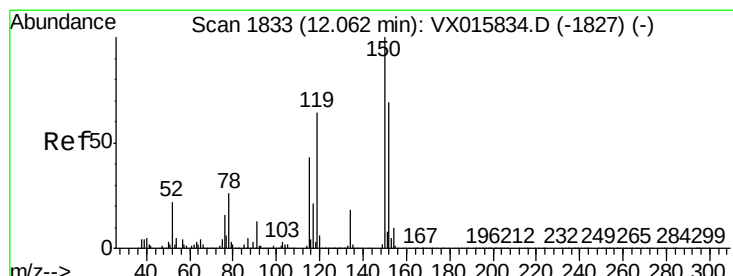
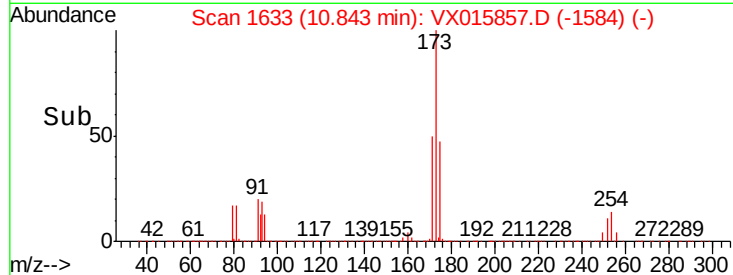
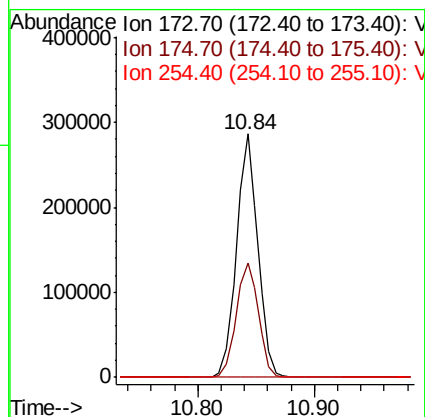
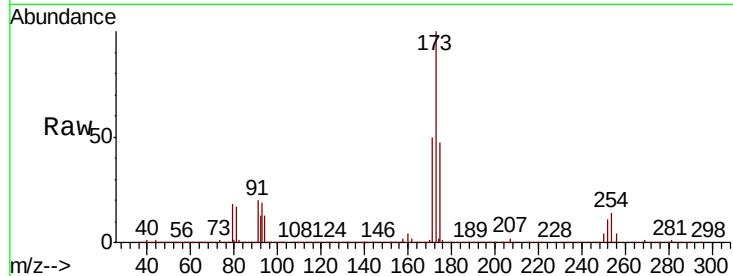




#71
Bromoform
Concen: 60.774 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

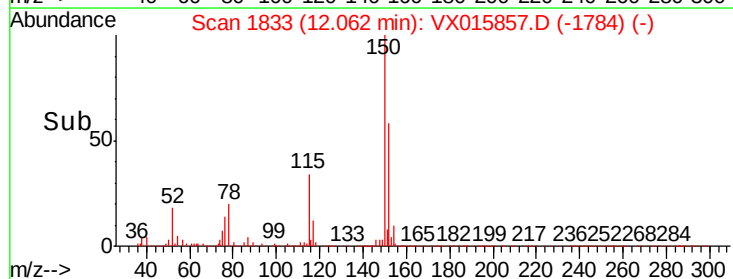
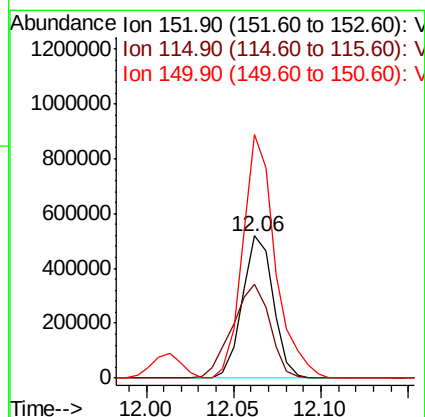
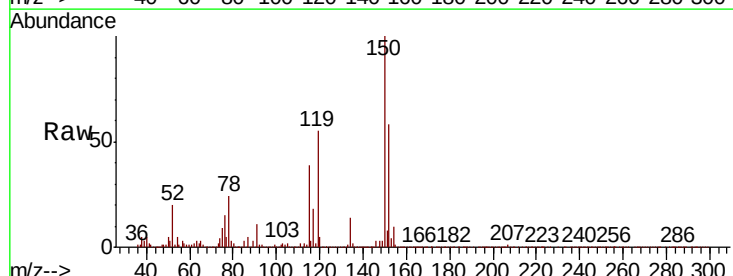
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

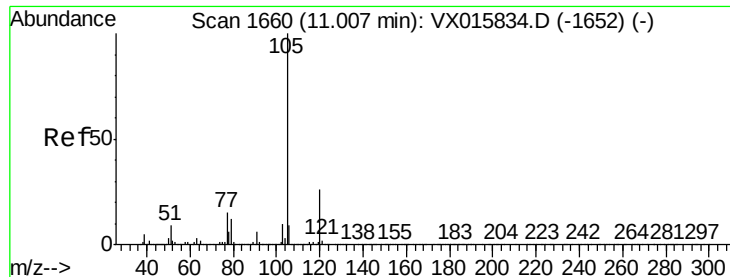
Tot Ion:173 Resp: 364490
Ion Ratio Lower Upper
173 100
175 49.3 25.1 75.4
254 0.3 0.3 0.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion:152 Resp: 636459
Ion Ratio Lower Upper
152 100
115 80.2 39.0 116.9
150 179.8 0.0 336.8





#73

Isopropylbenzene

Concen: 57.233 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

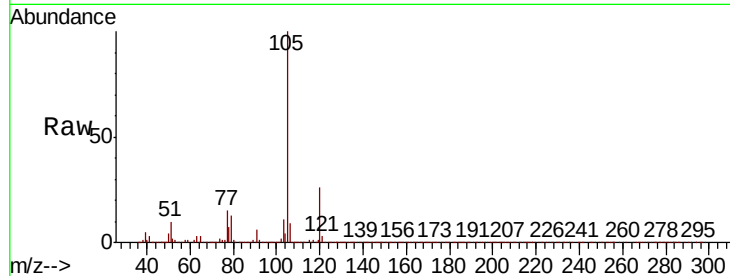
VSTDCCC050

Tot Ion:105 Resp: 2313431

Ion Ratio Lower Upper

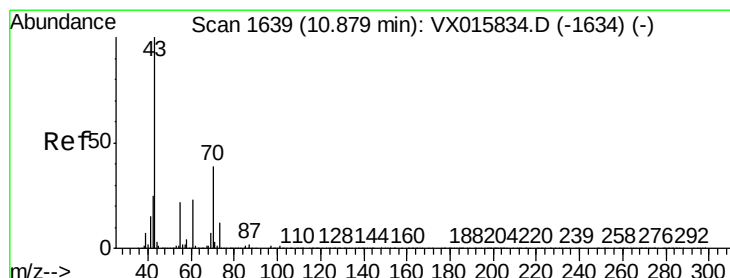
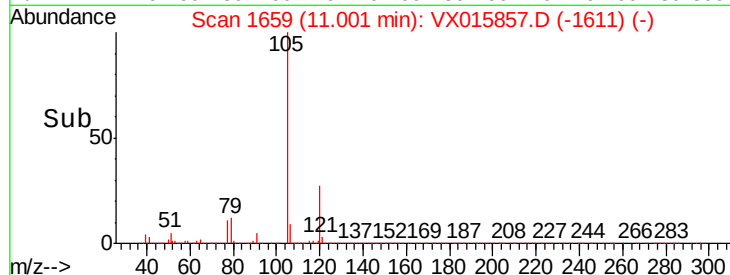
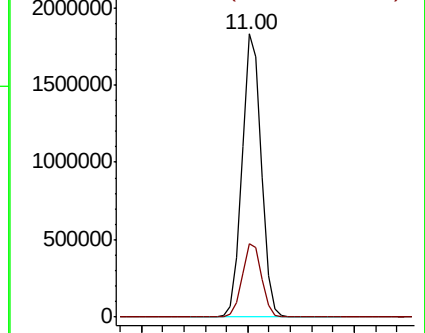
105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.422 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Tgt Ion: 43 Resp: 1156508

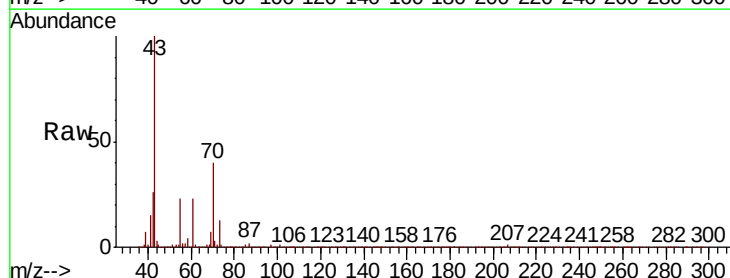
Ion Ratio Lower Upper

43 100

70 40.9 32.6 49.0

55 23.0 18.3 27.5

61 23.6 18.7 28.1

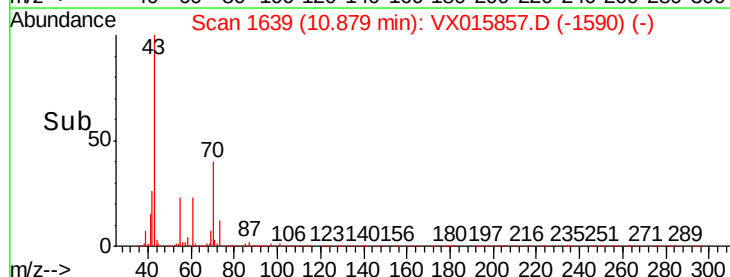
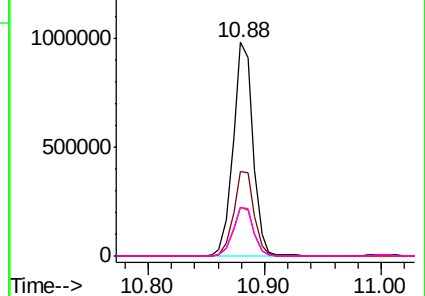


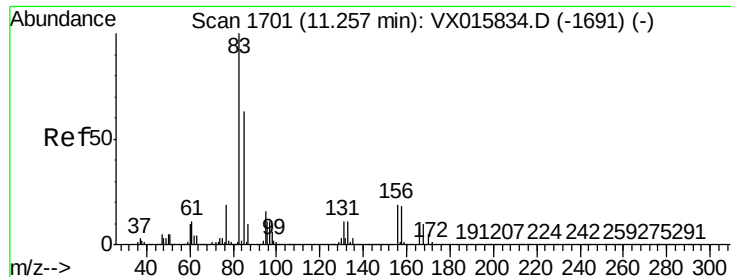
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.122 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

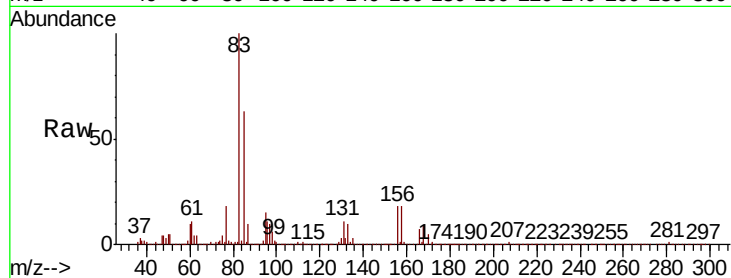
Tot Ion: 83 Resp: 480098

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

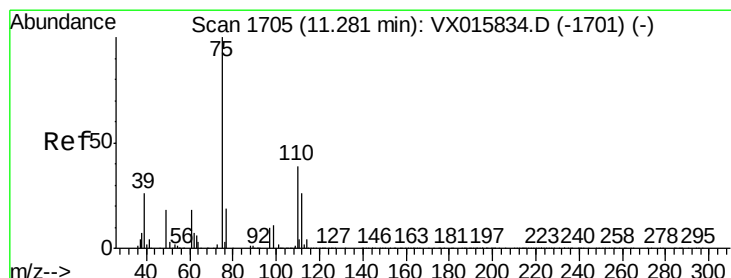
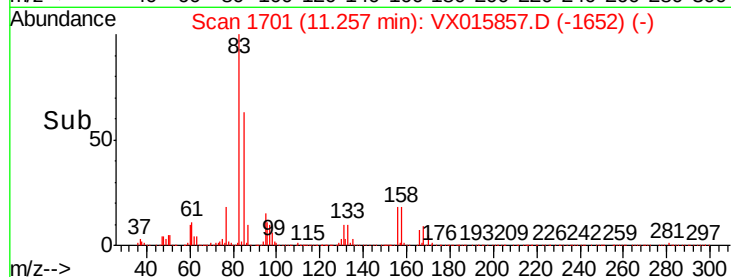
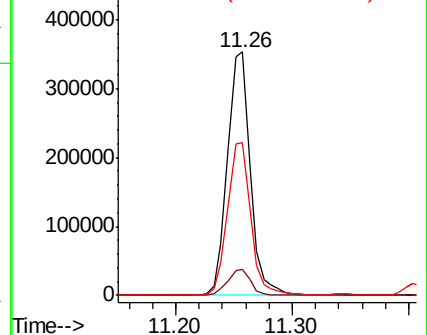
85 64.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 72.373 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015857.D

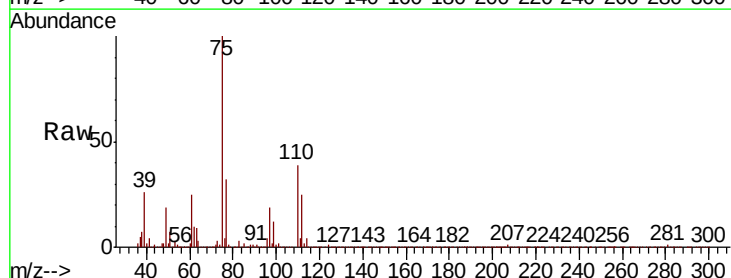
Acq: 22 Apr 2020 21:55

Tgt Ion: 75 Resp: 875911

Ion Ratio Lower Upper

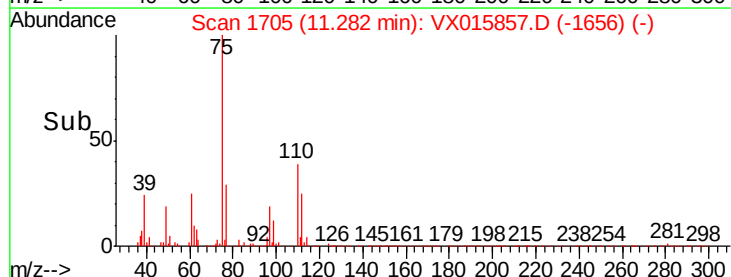
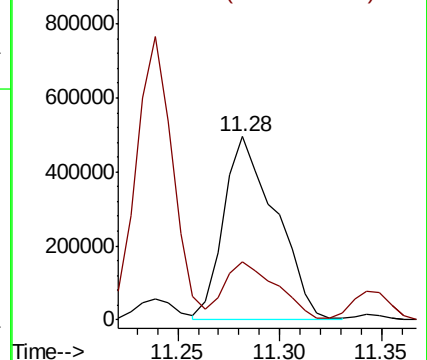
75 100

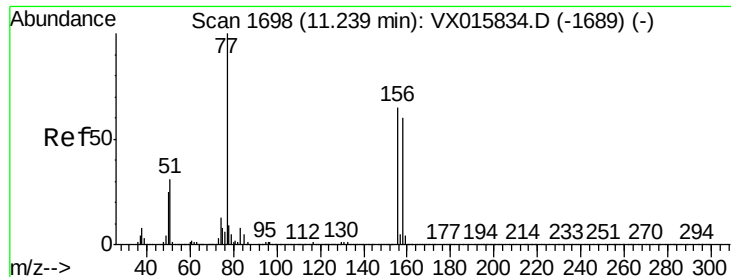
77 31.7 21.3 63.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 57.368 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

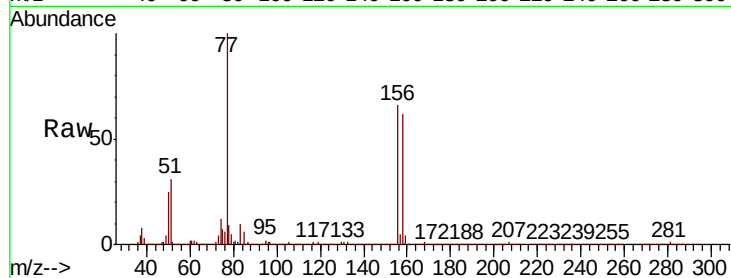
Tot Ion:156 Resp: 633597

Ion Ratio Lower Upper

156 100

77 149.8 75.2 225.6

158 96.7 47.9 143.6



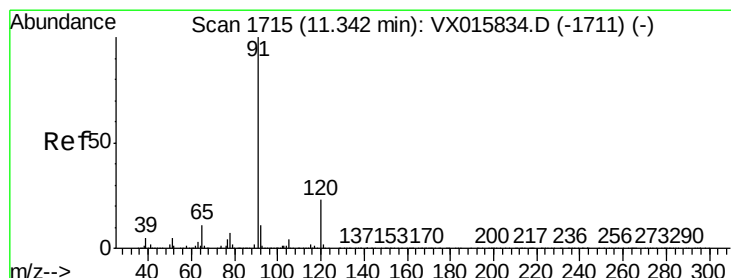
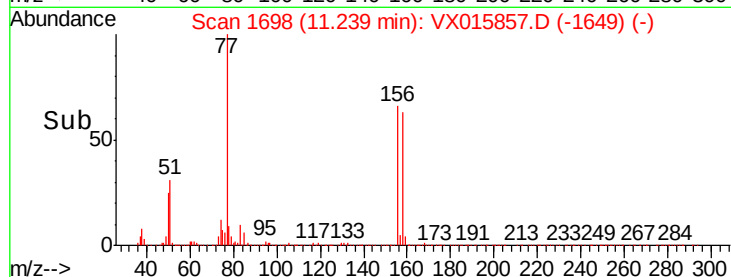
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.24

Time-->



#78

n-propylbenzene

Concen: 56.293 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015857.D

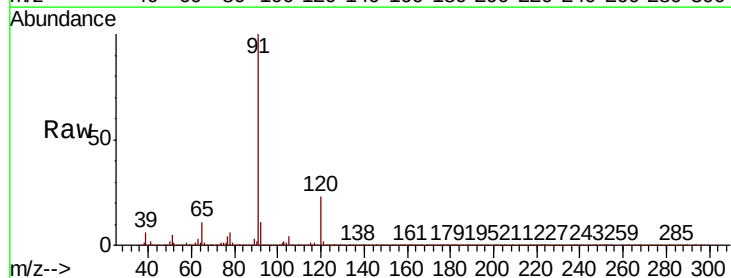
Acq: 22 Apr 2020 21:55

Tgt Ion: 91 Resp: 2606625

Ion Ratio Lower Upper

91 100

120 24.2 11.7 35.1

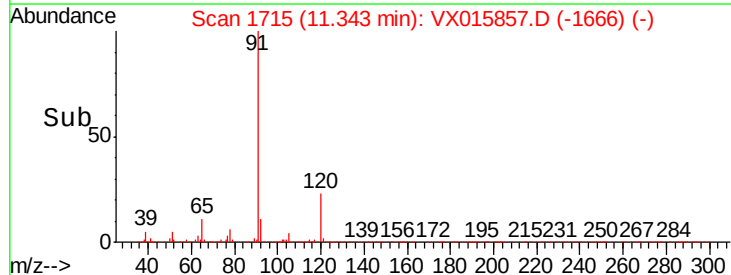


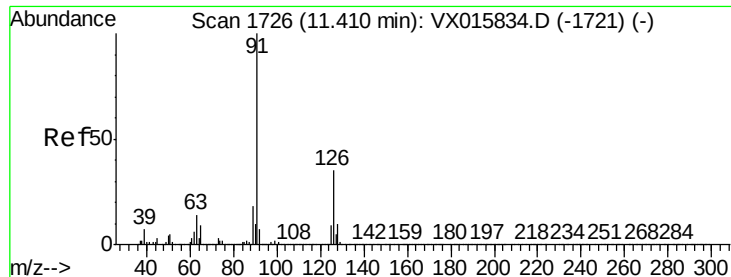
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

Time-->





#79

2-Chlorotoluene

Concen: 56.633 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

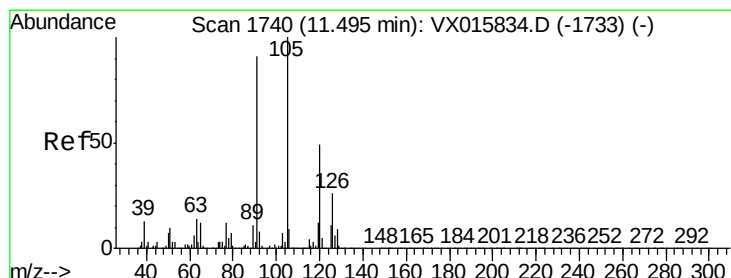
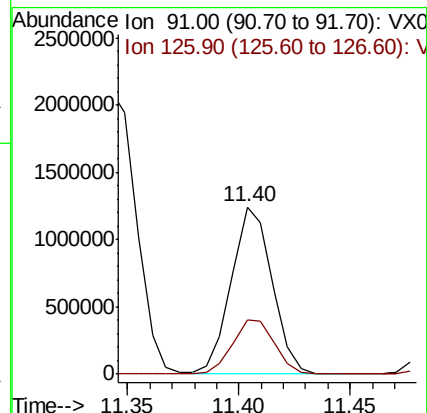
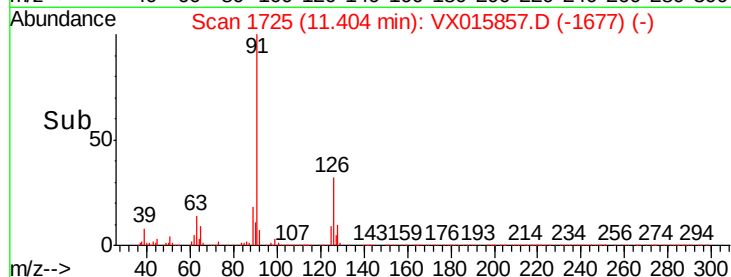
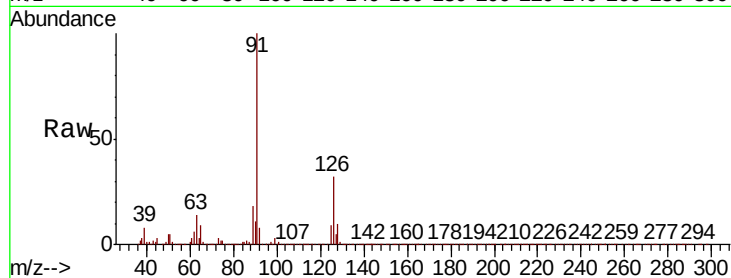
VSTDCCC050

Tot Ion: 91 Resp: 1575207

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 56.044 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015857.D

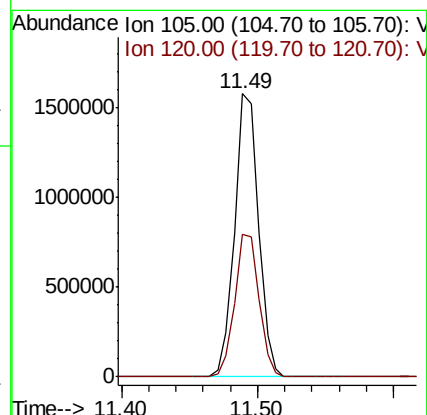
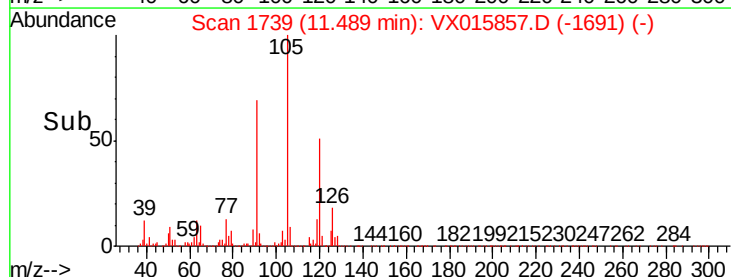
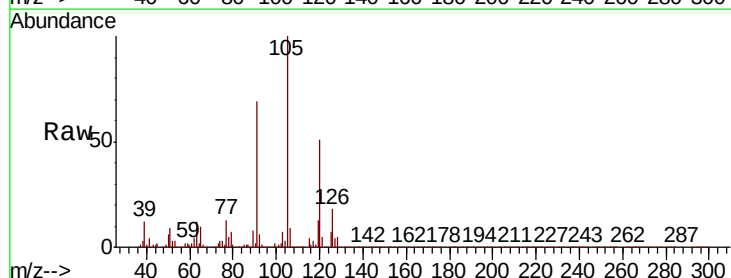
Acq: 22 Apr 2020 21:55

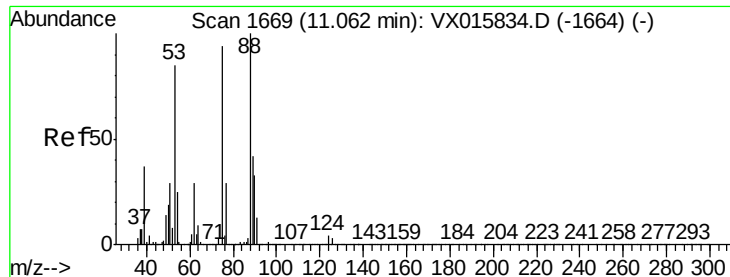
Tgt Ion:105 Resp: 1931656

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 53.117 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

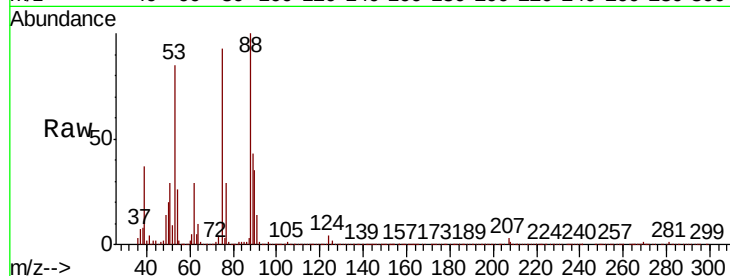
Tot Ion: 75 Resp: 267241

Ion Ratio Lower Upper

75 100

53 92.6 74.2 111.2

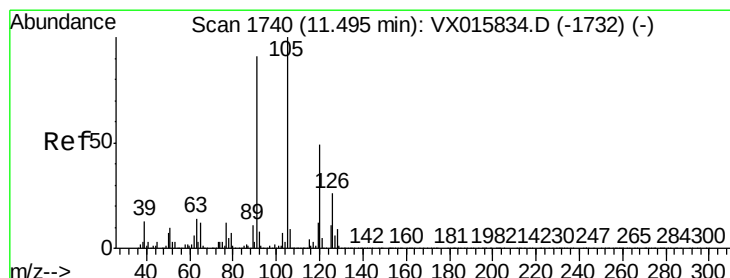
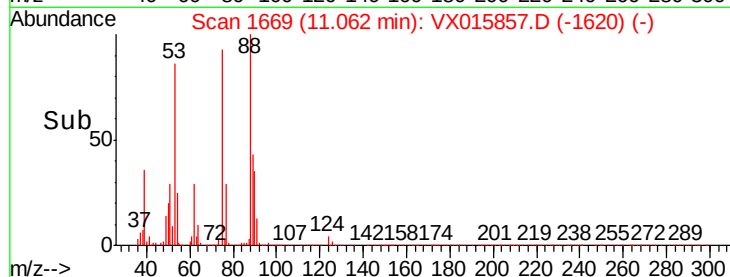
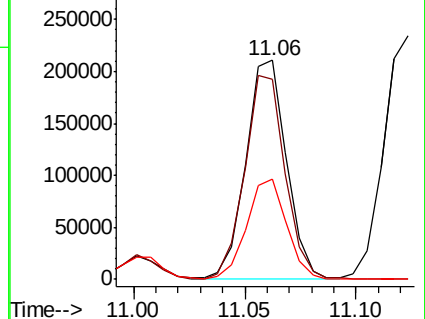
89 45.2 38.0 57.0



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: 56.348 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015857.D

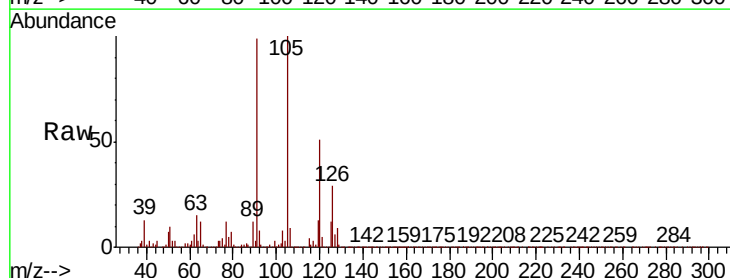
Acq: 22 Apr 2020 21:55

Tgt Ion: 91 Resp: 1862425

Ion Ratio Lower Upper

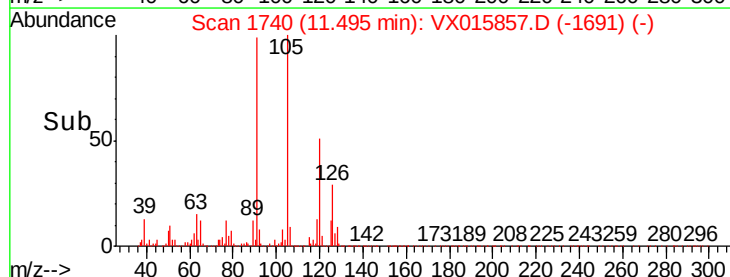
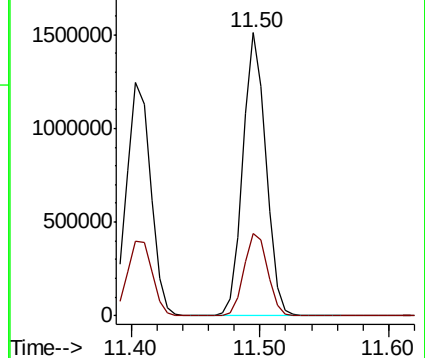
91 100

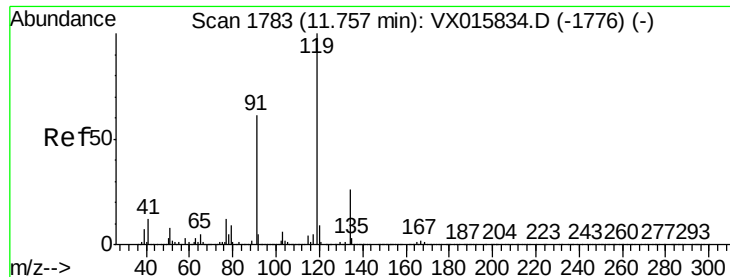
126 30.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

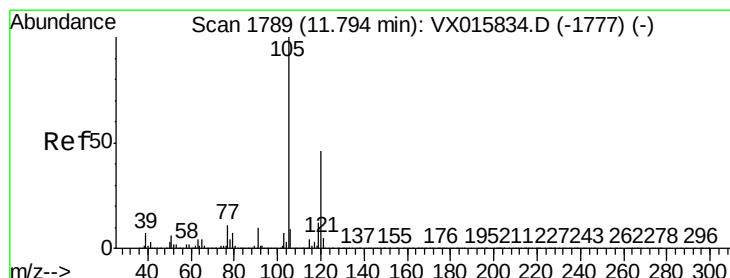
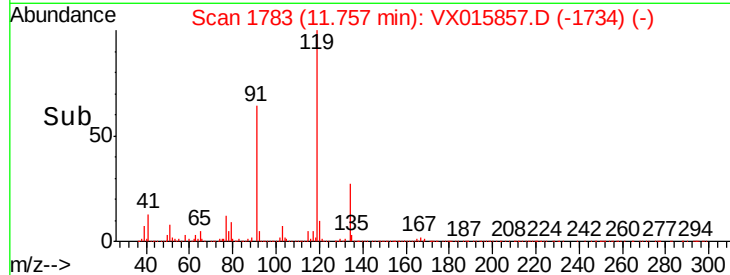
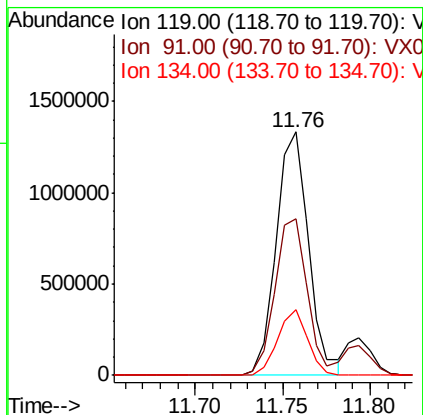
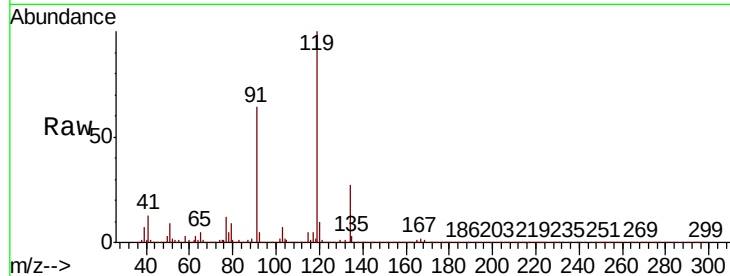




#83
 tert-Butylbenzene
 Concen: 56.144 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

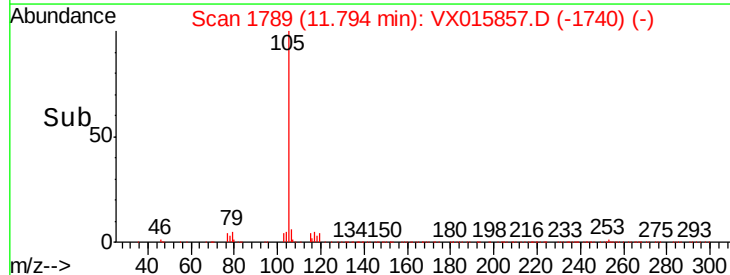
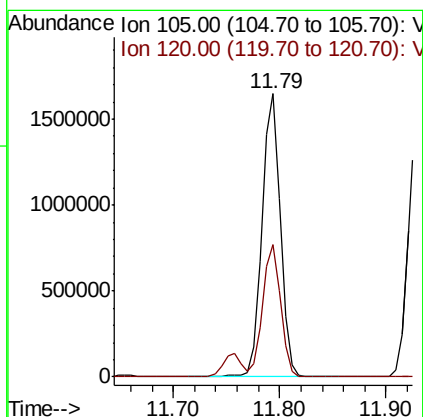
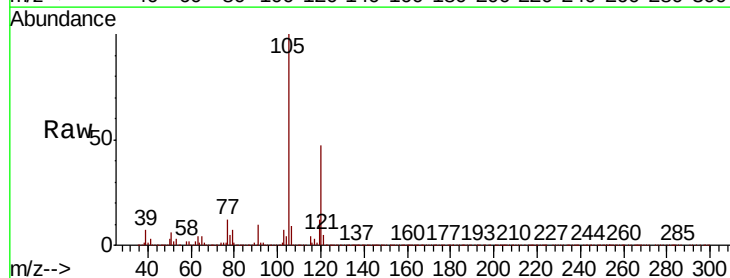
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

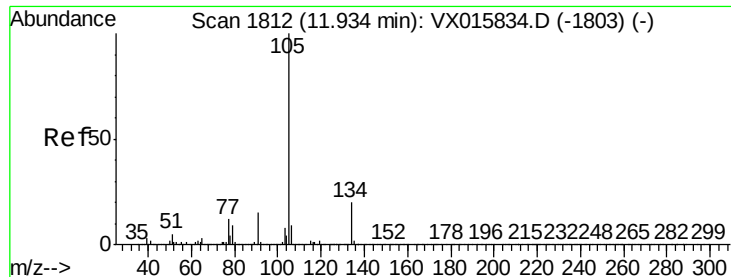
Tot Ion:119 Resp: 1716511
 Ion Ratio Lower Upper
 119 100
 91 64.0 30.9 92.7
 134 25.0 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 55.557 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion:105 Resp: 1988006
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 55.738 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

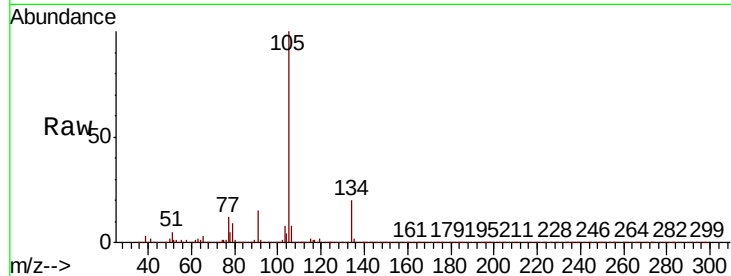
VSTDCCC050

Tot Ion:105 Resp: 2246388

Ion Ratio Lower Upper

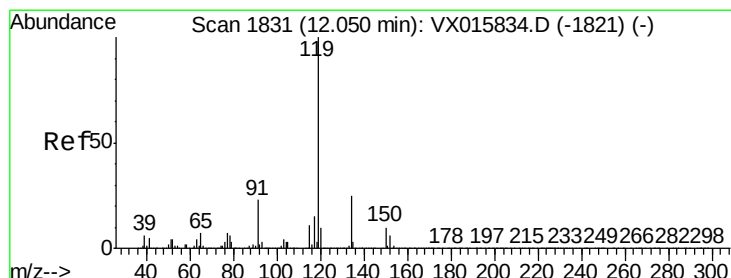
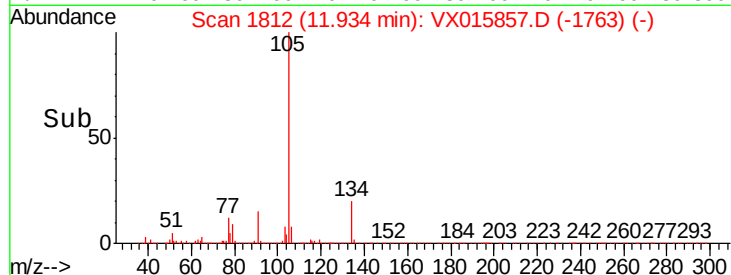
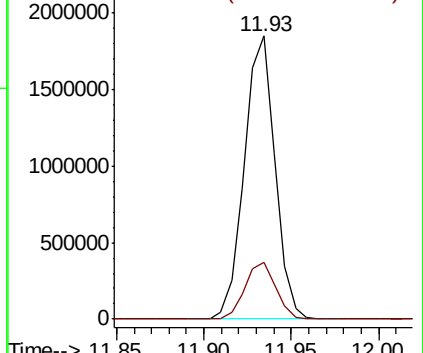
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.966 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015857.D

Acq: 22 Apr 2020 21:55

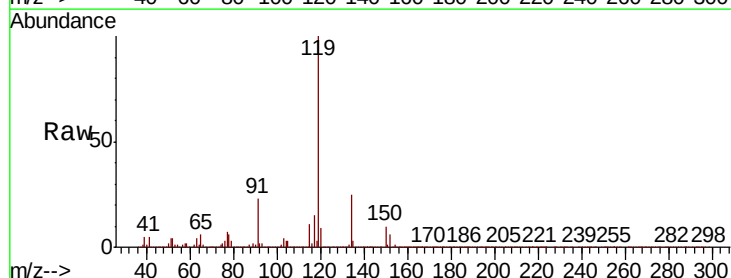
Tgt Ion:119 Resp: 2109127

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

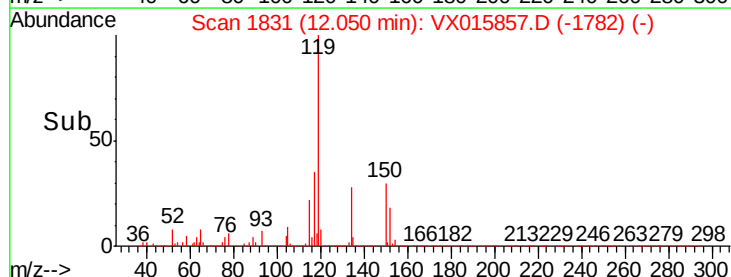
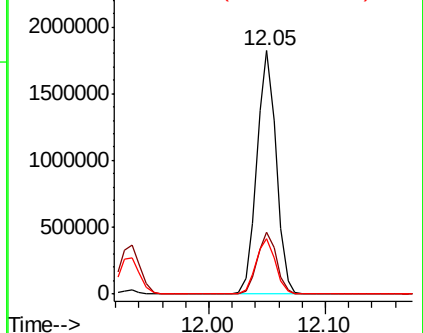
91 23.1 11.5 34.5

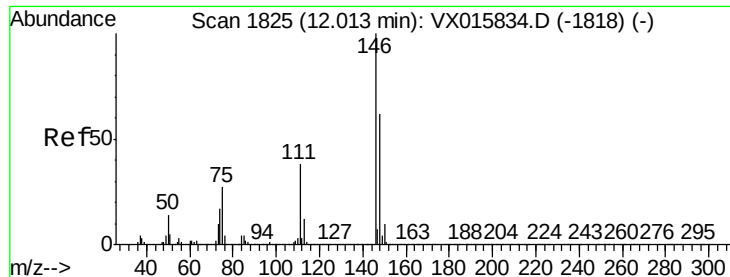


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

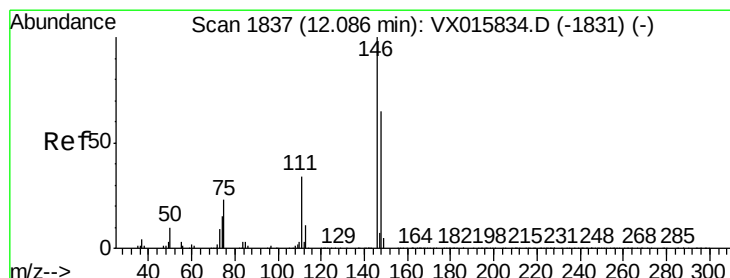
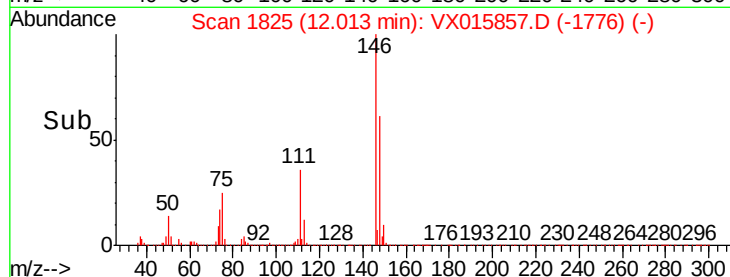
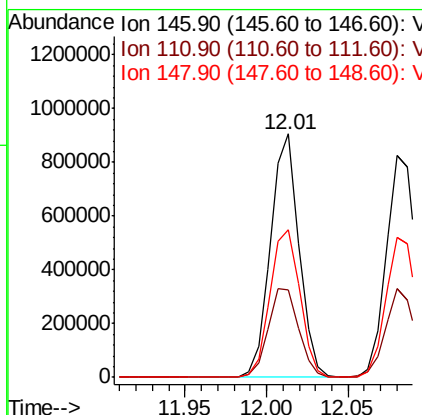
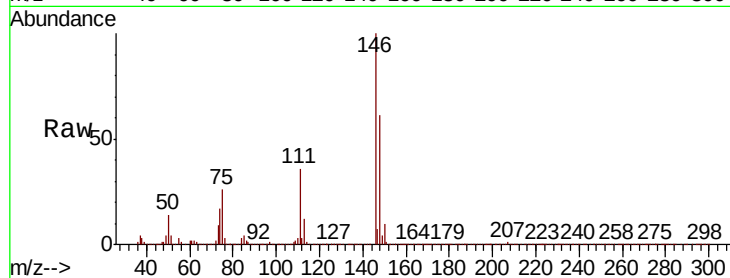




#87
 1,3-Dichlorobenzene
 Concen: 53.584 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

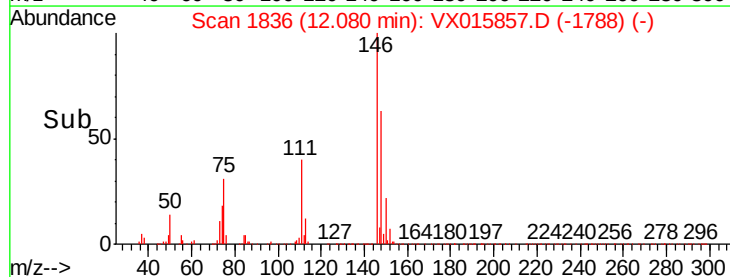
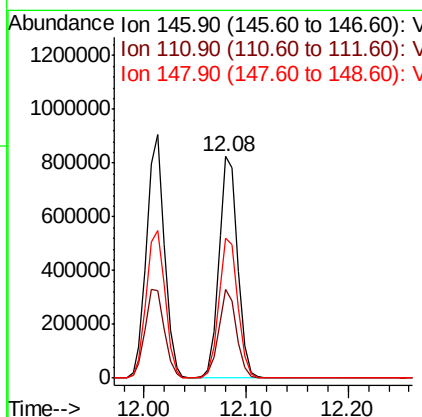
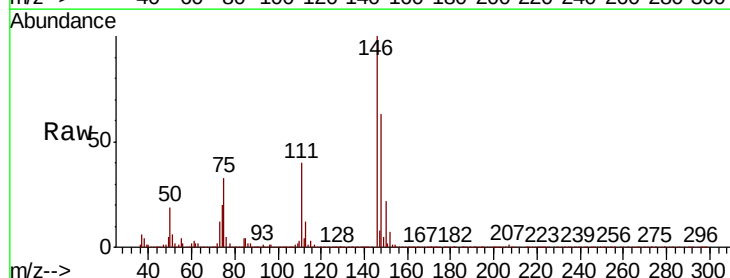
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

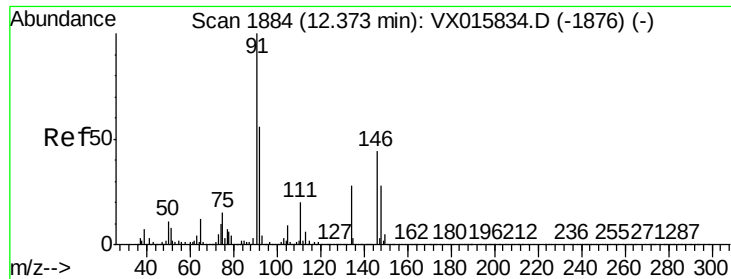
Tot Ion:146 Resp: 1086346
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 63.6 30.9 92.7



#88
 1,4-Dichlorobenzene
 Concen: 52.337 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion:146 Resp: 1062164
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 64.1 33.8 101.4

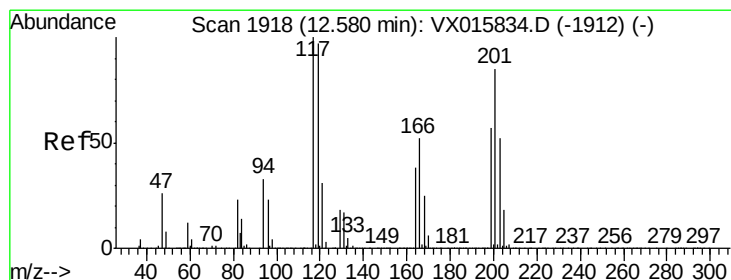
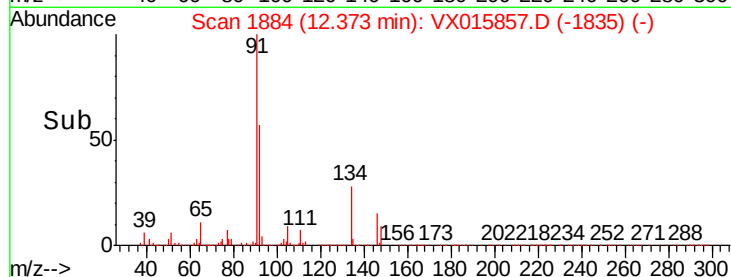
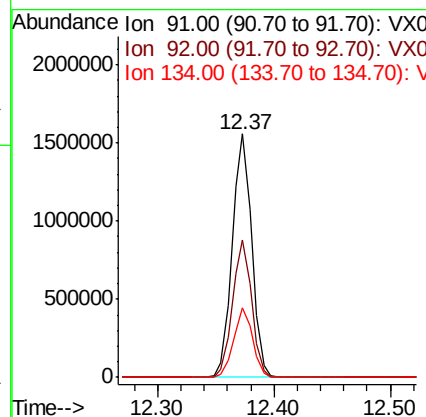
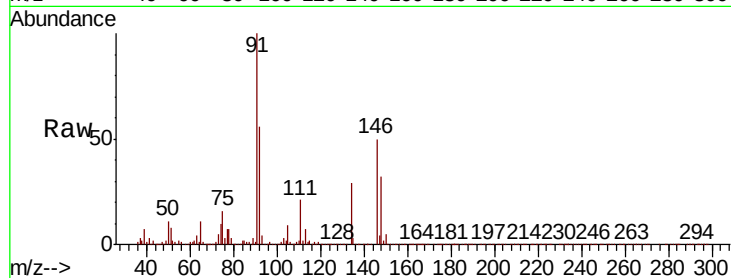




#89
n-Butylbenzene
Concen: 53.416 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

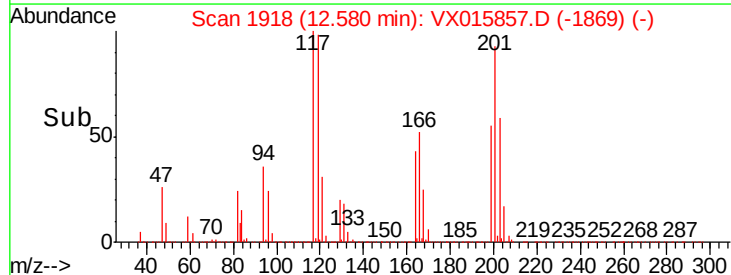
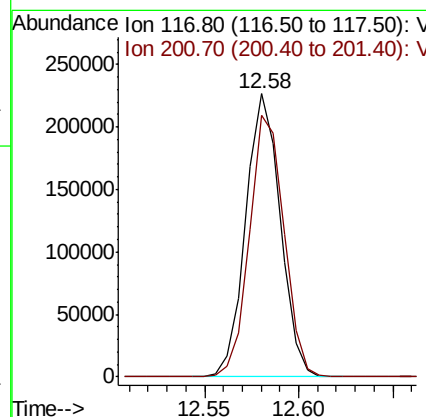
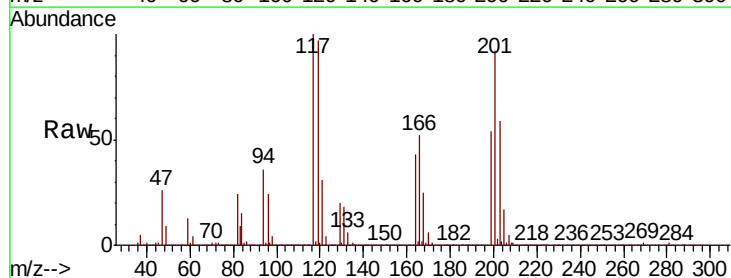
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

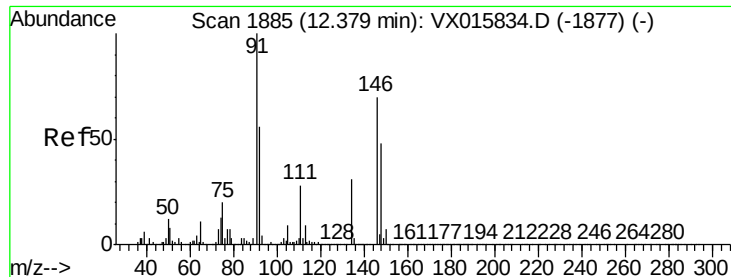
Tot Ion: 91 Resp: 1799787
Ion Ratio Lower Upper
91 100
92 55.5 27.7 83.1
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 72.271 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion: 117 Resp: 287721
Ion Ratio Lower Upper
117 100
201 92.5 45.6 136.9

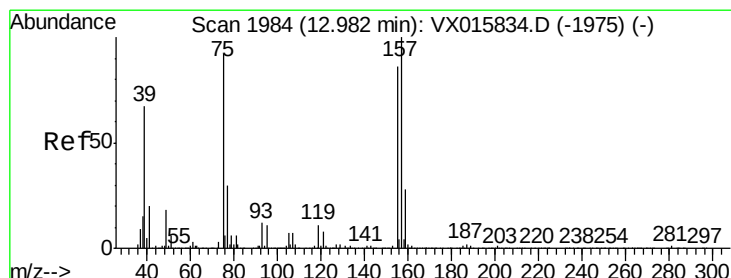
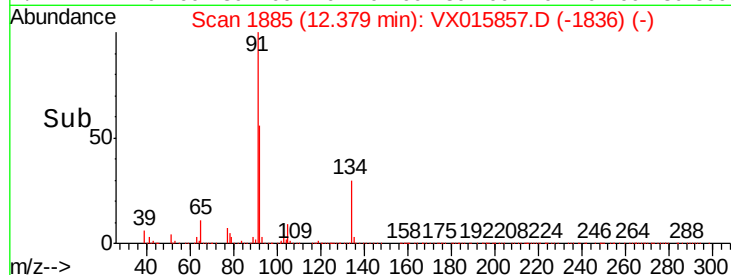
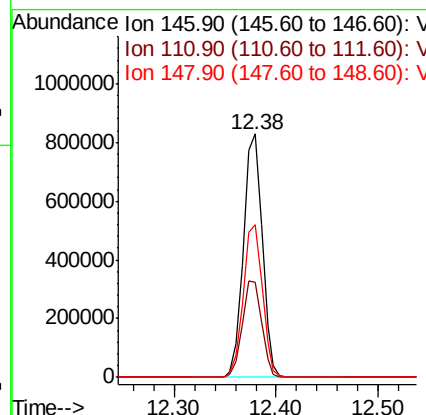
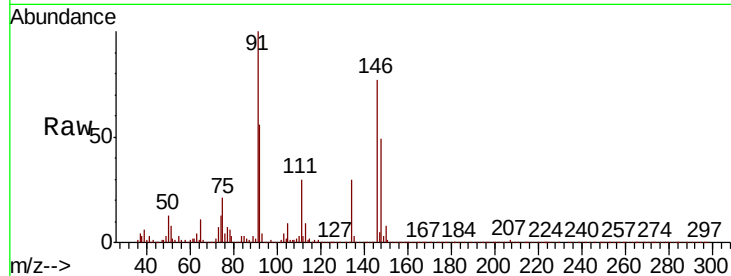




#91
 1,2-Dichlorobenzene
 Concen: 54.525 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

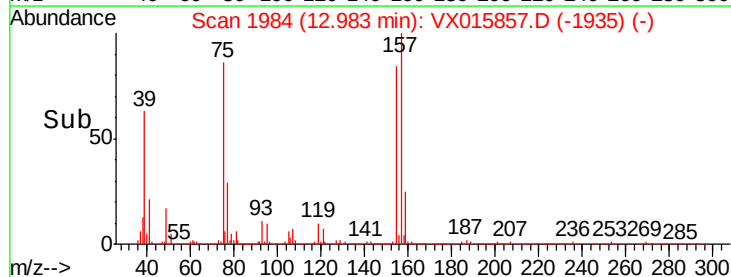
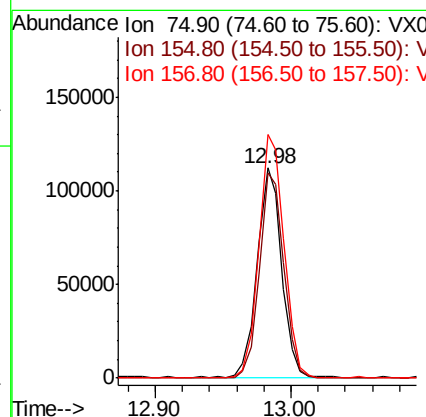
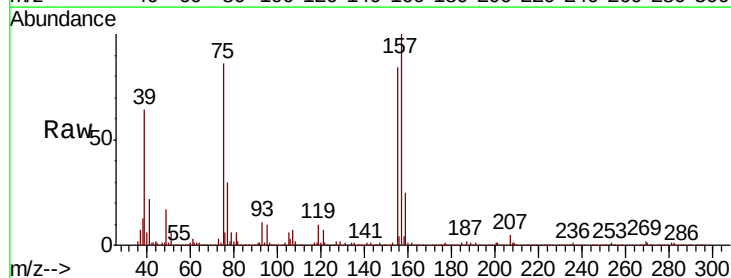
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

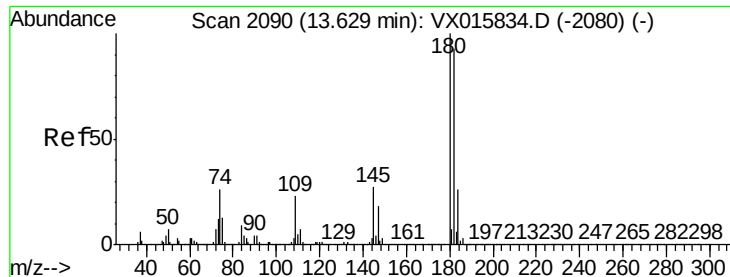
Tot Ion:146 Resp: 1048446
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.769 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion: 75 Resp: 141479
 Ion Ratio Lower Upper
 75 100
 155 98.0 48.1 144.4
 157 119.2 58.9 176.7

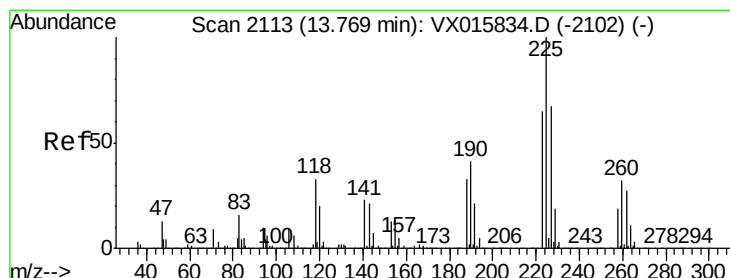
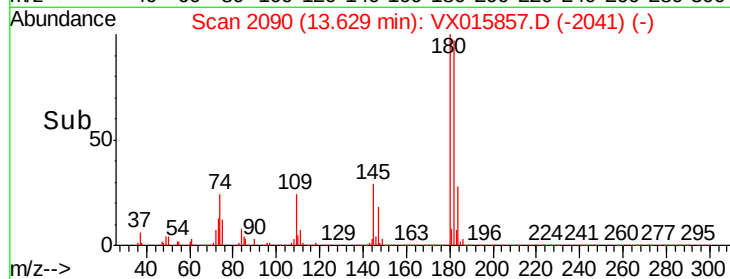
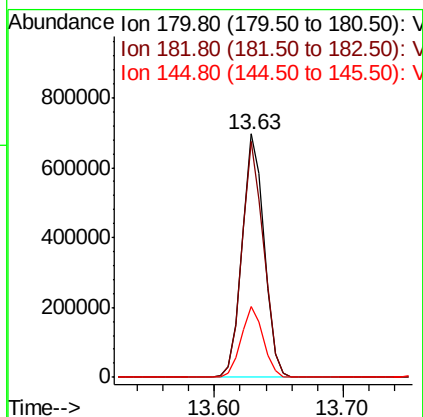
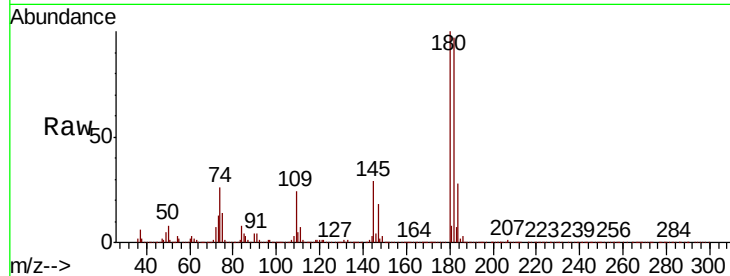




#93
 1,2,4-Trichlorobenzene
 Concen: 54.001 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

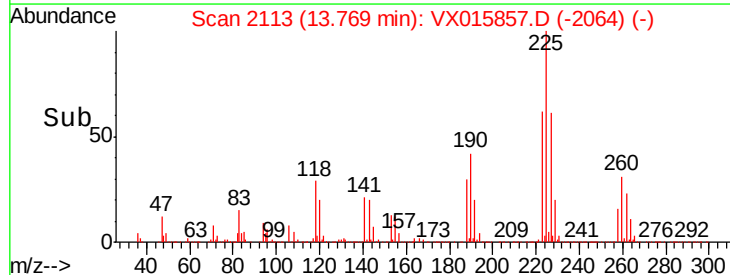
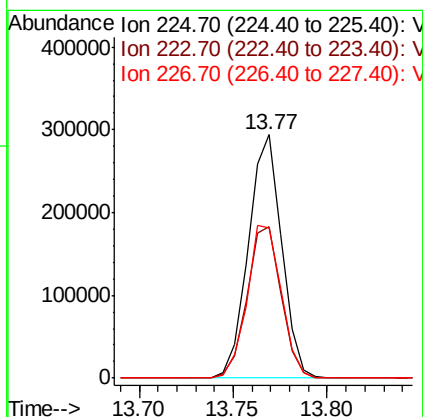
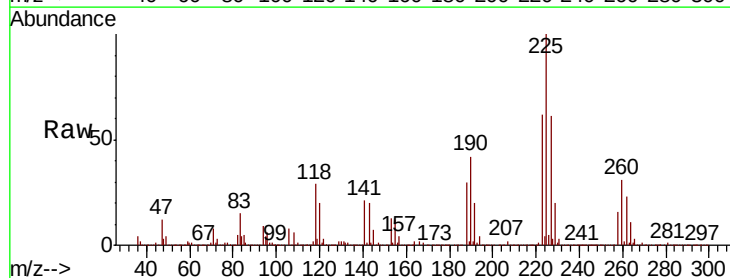
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

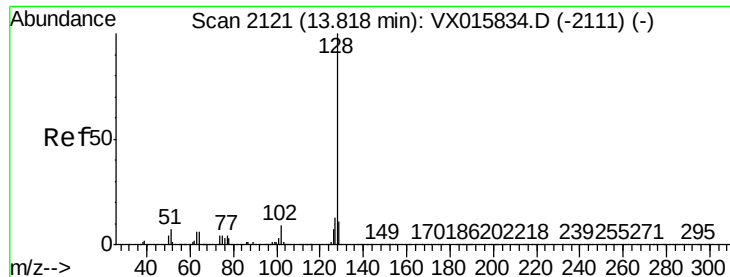
Tot Ion:180 Resp: 818143
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.7 143.1
 145 29.2 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 52.907 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015857.D
 Acq: 22 Apr 2020 21:55

Tgt Ion:225 Resp: 359394
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.8
 227 64.8 32.6 97.8

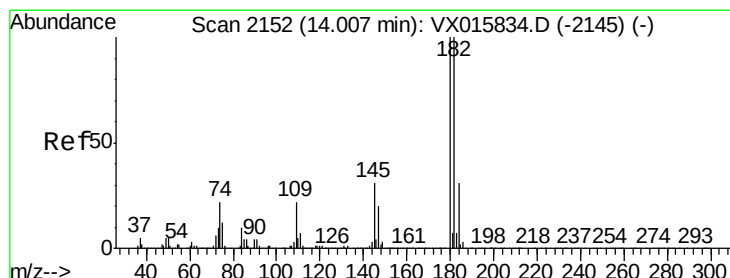
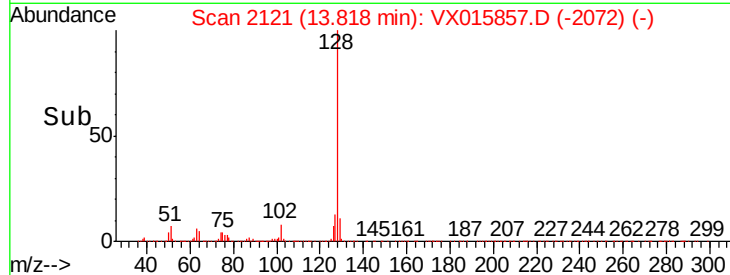
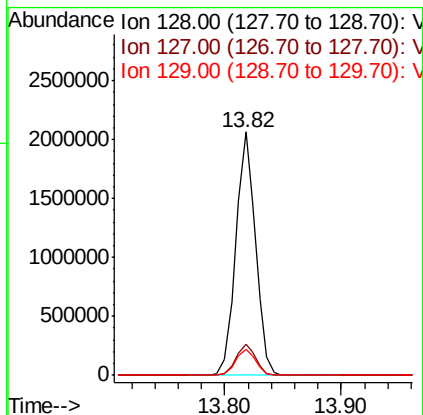
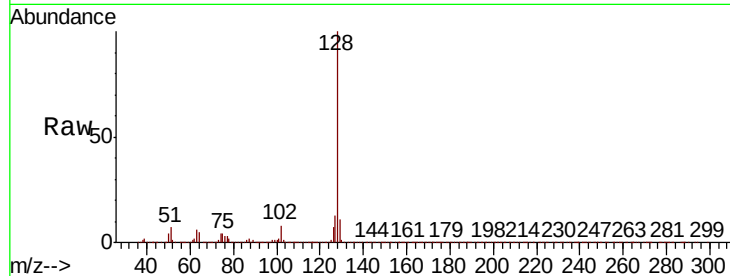




#95
Naphthalene
Concen: 55.686 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2427303
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 55.416 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015857.D
Acq: 22 Apr 2020 21:55

Tgt Ion:180 Resp: 819129
Ion Ratio Lower Upper
180 100
182 90.8 47.9 143.7
145 30.3 15.2 45.5

