

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015154.D
 Acq On : 09 Mar 2020 19:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 10 11:24:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	550767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	511725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203639	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	168364	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	638458	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	233222	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	143958	46.53	ug/l	99
3) Chloromethane	1.32	50	205166	46.81	ug/l	99
4) Vinyl Chloride	1.40	62	211357	47.56	ug/l	100
5) Bromomethane	1.63	94	123752	45.29	ug/l	95
6) Chloroethane	1.72	64	122756	46.05	ug/l	99
7) Trichlorofluoromethane	1.92	101	236710	44.76	ug/l	99
8) Diethyl Ether	2.18	74	111165	46.41	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140775	42.31	ug/l	99
10) Methyl Iodide	2.50	142	175908	46.80	ug/l	99
11) Tert butyl alcohol	3.03	59	198520	272.95	ug/l	100
12) 1,1-Dichloroethene	2.37	96	150824	43.92	ug/l	95
13) Acrolein	2.28	56	168475	246.49	ug/l	99
14) Allyl chloride	2.72	41	297287	49.65	ug/l	100
15) Acrylonitrile	3.13	53	486002	268.32	ug/l	99
16) Acetone	2.43	43	373305	219.89	ug/l	98
17) Carbon Disulfide	2.56	76	446811	46.86	ug/l	100
18) Methyl Acetate	2.76	43	209223	50.40	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	554826	51.71	ug/l	100
20) Methylene Chloride	2.85	84	189999	47.82	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	179109	48.85	ug/l	98
22) Diisopropyl ether	3.84	45	613195	51.41	ug/l	100
23) Vinyl Acetate	3.80	43	2640027	269.24	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330597	49.94	ug/l	99
25) 2-Butanone	4.66	43	654261	263.24	ug/l	98
26) 2,2-Dichloropropane	4.58	77	232266	44.19	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	201956	49.10	ug/l	99
28) Bromochloromethane	5.01	49	154221	51.16	ug/l	100
29) Tetrahydrofuran	5.11	42	432975	270.25	ug/l	98
30) Chloroform	5.20	83	322930	50.05	ug/l	99
31) Cyclohexane	5.58	56	281543	47.68	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	273882	51.20	ug/l	98
36) 1,1-Dichloropropene	5.79	75	240067	47.15	ug/l	99
37) Ethyl Acetate	4.82	43	262369	55.55	ug/l	99
38) Carbon Tetrachloride	5.78	117	233153	48.51	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274562	46.18	ug/l	99
40) Benzene	6.14	78	741257	49.07	ug/l	99
41) Methacrylonitrile	5.03	41	145667	51.35	ug/l	99
42) 1,2-Dichloroethane	6.18	62	258960	49.92	ug/l	100
43) Isopropyl Acetate	6.43	43	433747	52.20	ug/l	99
44) Trichloroethene	7.20	130	207778	49.39	ug/l	95
45) 1,2-Dichloropropane	7.51	63	193624	49.52	ug/l	99
46) Dibromomethane	7.65	93	126888	49.80	ug/l	98
47) Bromodichloromethane	7.89	83	252121	50.04	ug/l	96
48) Methyl methacrylate	7.76	41	215091	50.86	ug/l	100
49) 1,4-Dioxane	7.73	88	93698	1024.79	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1341248	273.02	ug/l	100
52) Toluene	8.78	92	467309	50.59	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	276346	51.53	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	305091	50.32	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	191887	50.47	ug/l	99
56) Ethyl methacrylate	9.17	69	295818	54.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	321861	50.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	773919	261.98	ug/l	100
59) 2-Hexanone	9.48	43	1001247	274.98	ug/l	99
60) Dibromochloromethane	9.57	129	205660	51.50	ug/l	100
61) 1,2-Dibromoethane	9.67	107	198816	49.79	ug/l	99
64) Tetrachloroethene	9.33	164	198705	46.96	ug/l	98
65) Chlorobenzene	10.14	112	505451	49.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	189483	48.91	ug/l	99
67) Ethyl Benzene	10.25	91	896349	51.38	ug/l	100
68) m/p-Xylenes	10.35	106	682583	102.84	ug/l	99
69) o-Xylene	10.70	106	327043	51.46	ug/l	99
70) Styrene	10.71	104	570375	52.35	ug/l	100
71) Bromoform	10.85	173	154047	51.28	ug/l #	100
73) Isopropylbenzene	11.01	105	878022	49.40	ug/l	99
74) N-amyl acetate	10.89	43	379970	50.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	283344	47.83	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	324634	58.49	ug/l	78
77) Bromobenzene	11.25	156	232135	46.86	ug/l	99
78) n-propylbenzene	11.35	91	1012578	49.86	ug/l	100
79) 2-Chlorotoluene	11.42	91	588897	48.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	720199	48.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	93919	48.02	ug/l	98
82) 4-Chlorotoluene	11.51	91	688995	48.09	ug/l	100
83) tert-Butylbenzene	11.76	119	715207	49.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	726785	48.89	ug/l	99
85) sec-Butylbenzene	11.94	105	852844	49.38	ug/l	99
86) p-Isopropyltoluene	12.06	119	785192	49.34	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	410931	47.19	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	420916	46.82	ug/l	98
89) n-Butylbenzene	12.39	91	688596	48.65	ug/l	100
90) Hexachloroethane	12.59	117	140050	46.55	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	401433	46.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60360	50.89	ug/l	97

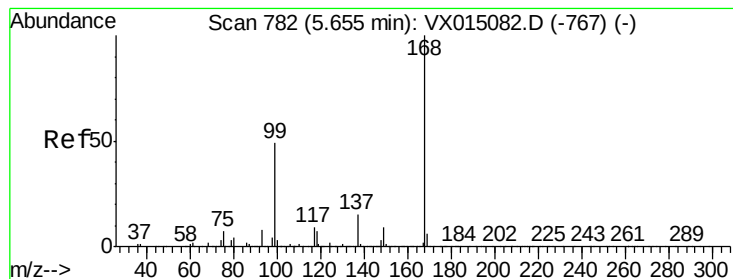
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QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	289705	48.21	ug/l	98
94) Hexachlorobutadiene	13.78	225	136487	44.26	ug/l	99
95) Naphthalene	13.83	128	858749	46.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	291635	48.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

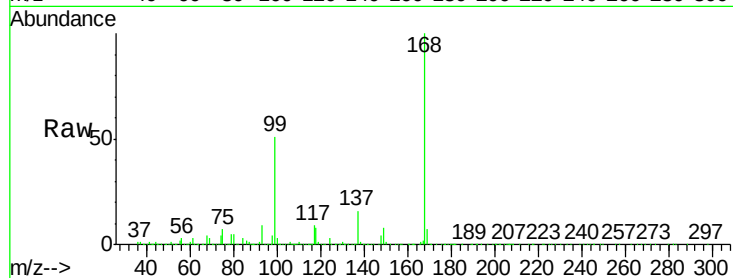
VSTDCCC050EC

Tgt Ion:168 Resp: 353344

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

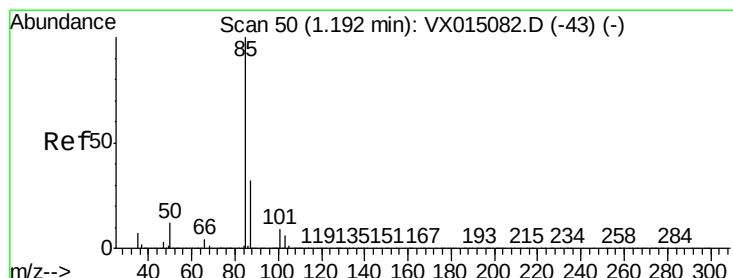
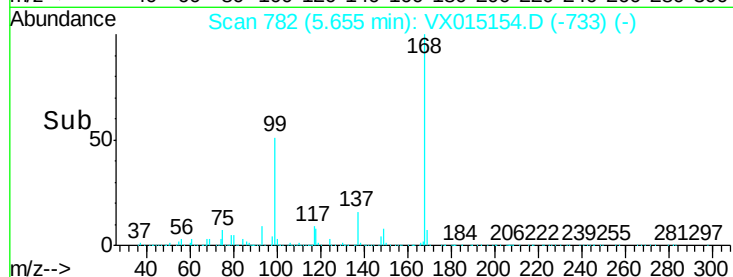
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.53 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015154.D

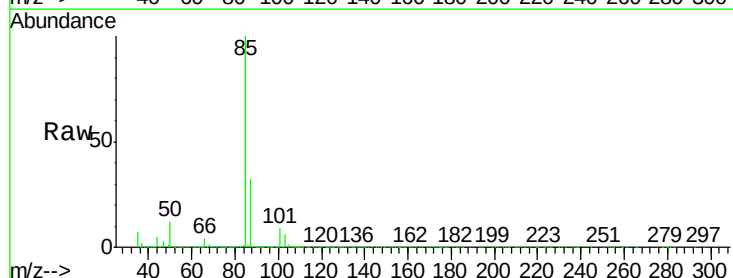
Acq: 09 Mar 2020 19:30

Tgt Ion: 85 Resp: 143958

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

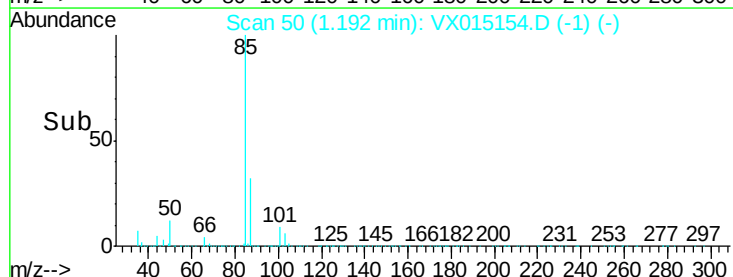
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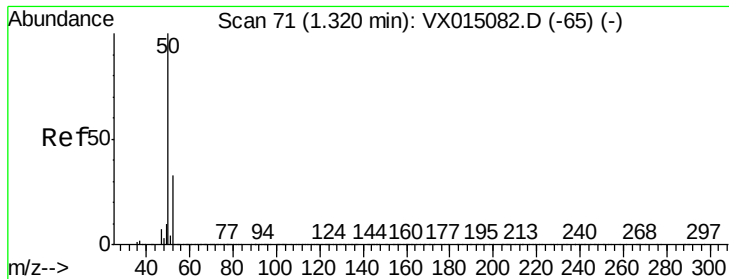
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.81 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

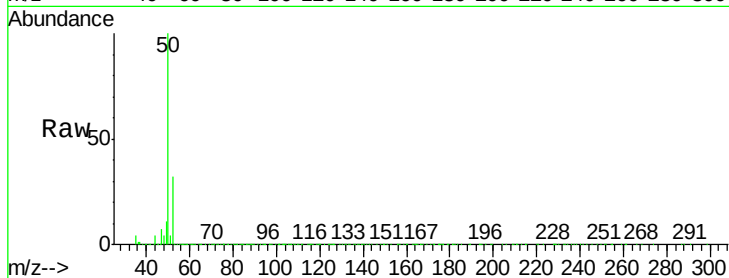
VSTDCCC050EC

Tgt Ion: 50 Resp: 205166

Ion Ratio Lower Upper

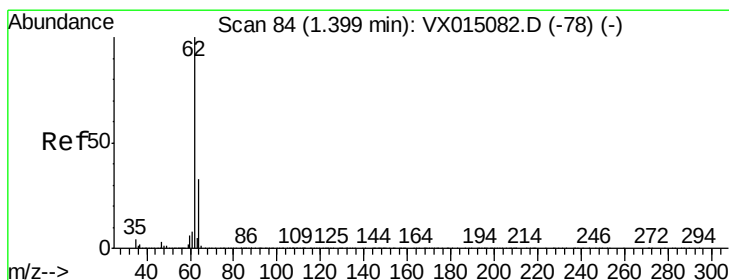
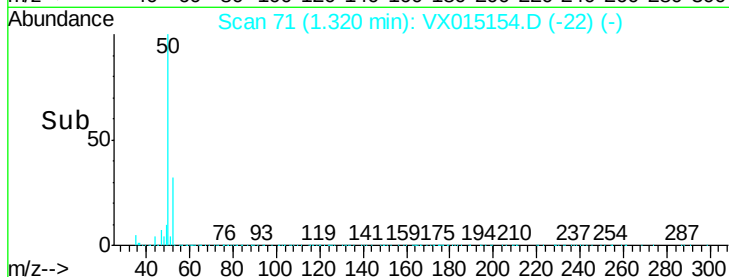
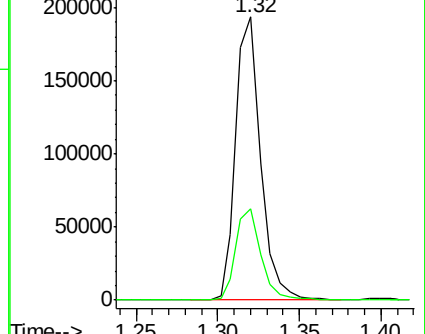
50 100

52 32.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.56 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015154.D

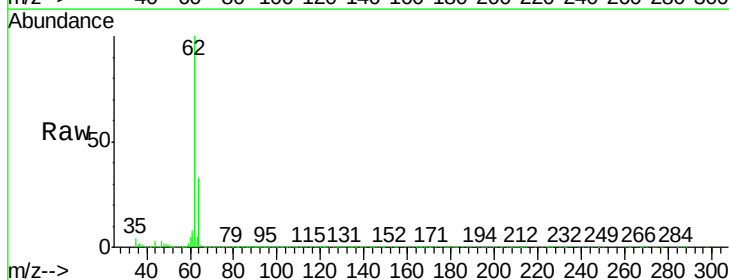
Acq: 09 Mar 2020 19:30

Tgt Ion: 62 Resp: 211357

Ion Ratio Lower Upper

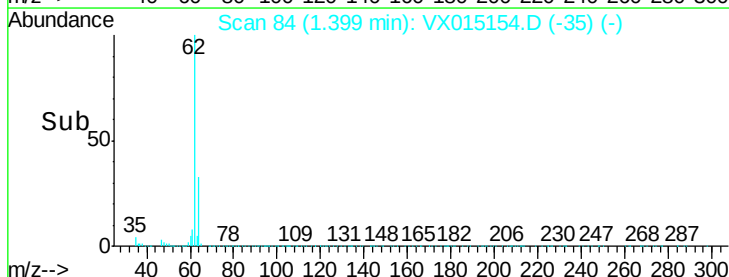
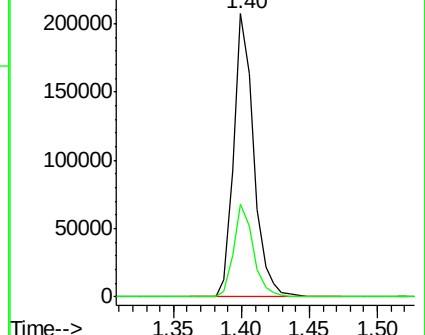
62 100

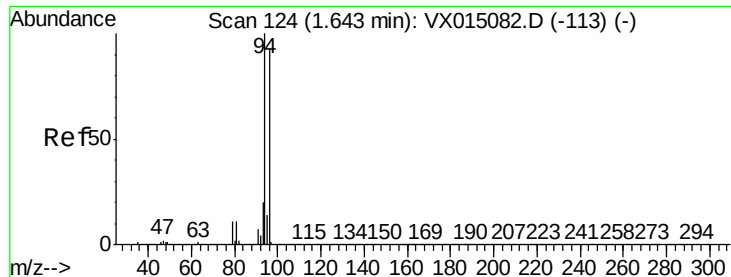
64 32.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.29 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

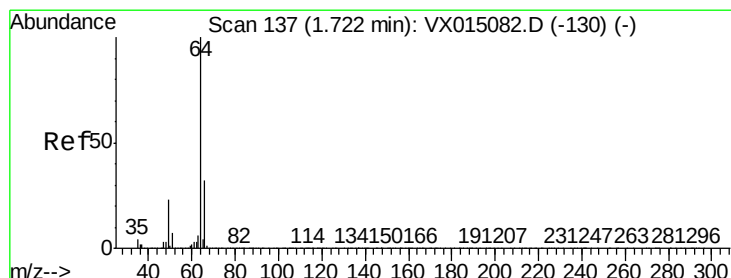
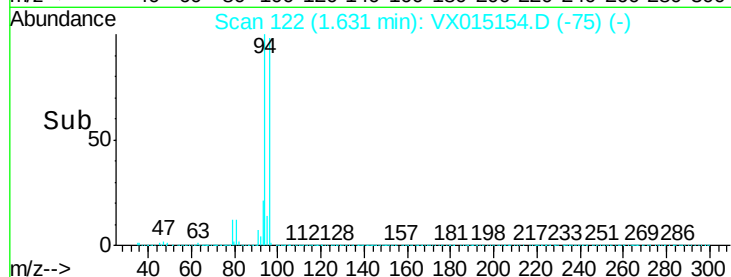
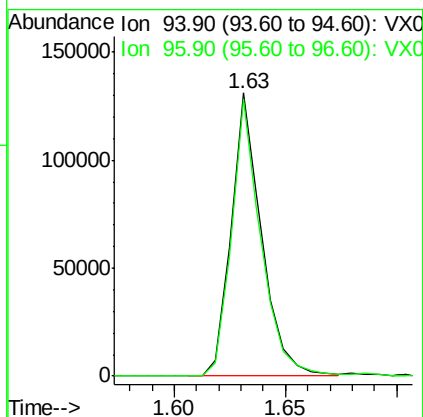
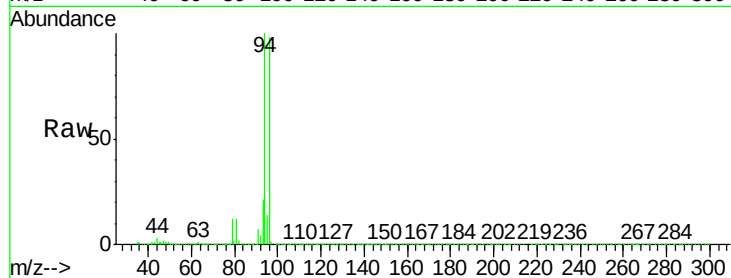
VSTDCCC050EC

Tgt Ion: 94 Resp: 123752

Ion Ratio Lower Upper

94 100

96 97.7 74.6 111.8



#6

Chloroethane

Concen: 46.05 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015154.D

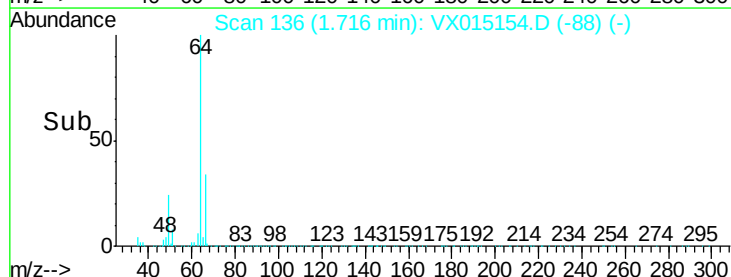
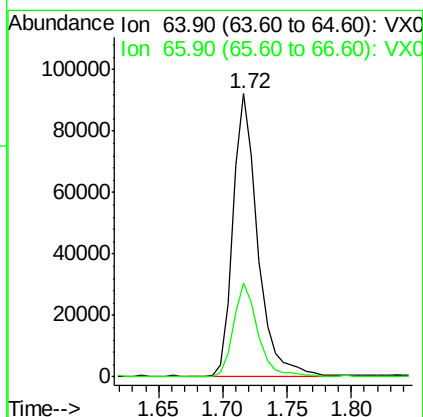
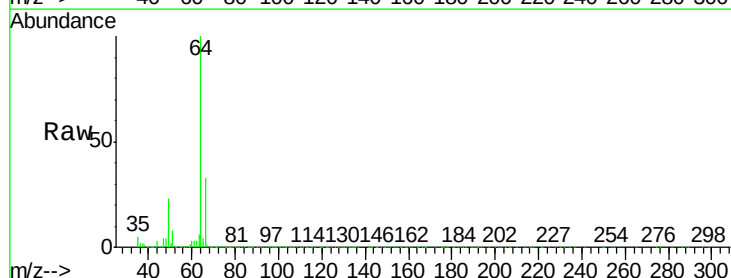
Acq: 09 Mar 2020 19:30

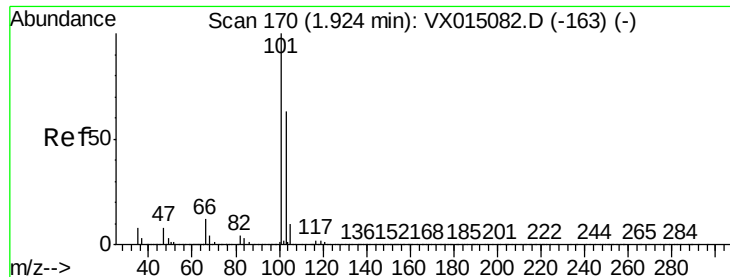
Tgt Ion: 64 Resp: 122756

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.8



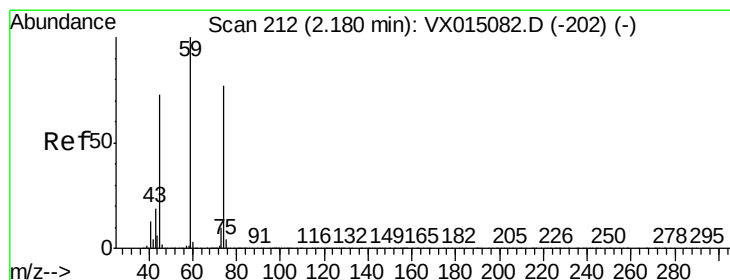
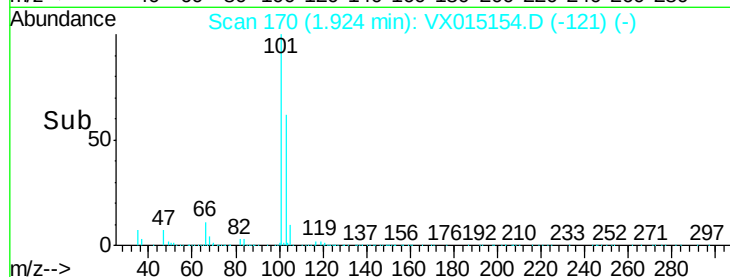
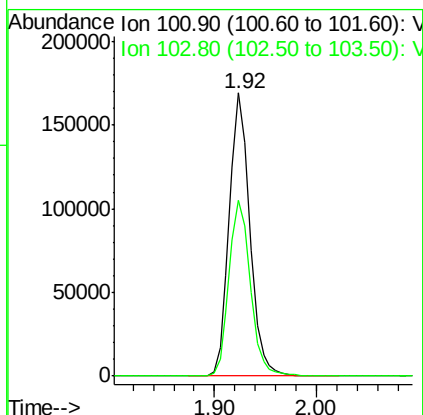
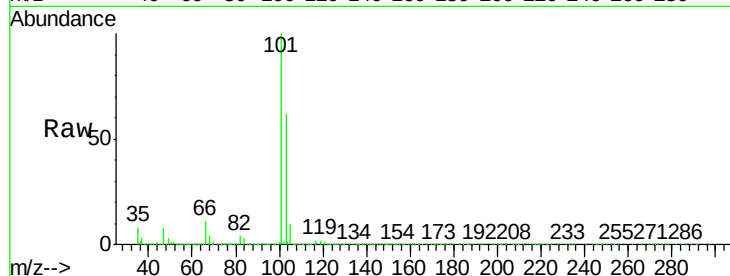


#7

Trichlorofluoromethane
Concen: 44.76 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

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MSVOA_X
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VSTDCCC050EC

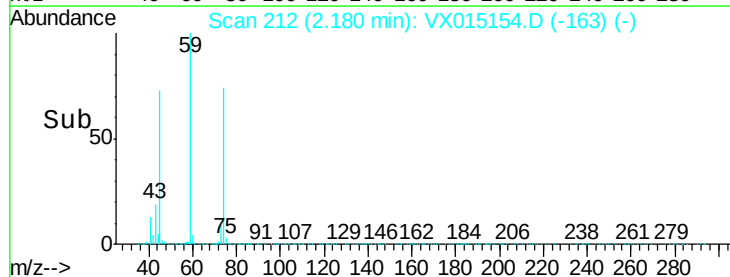
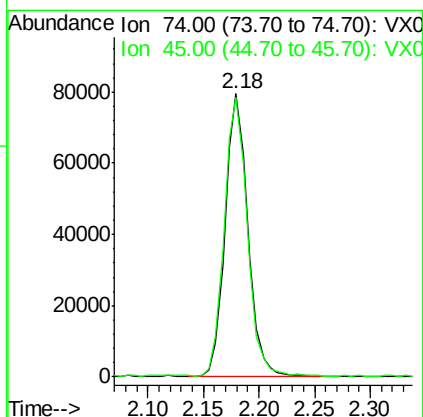
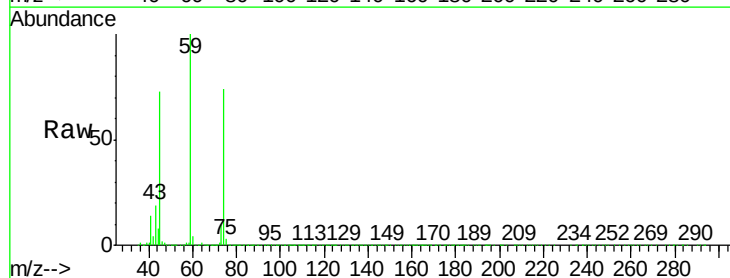
Tgt Ion:101 Resp: 236710
Ion Ratio Lower Upper
101 100
103 62.3 50.4 75.6

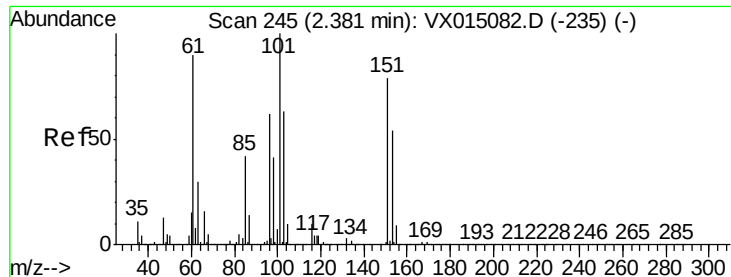


#8

Diethyl Ether
Concen: 46.41 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 74 Resp: 111165
Ion Ratio Lower Upper
74 100
45 100.7 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.31 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

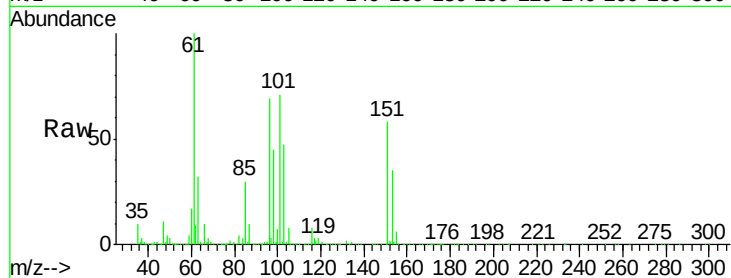
Tgt Ion:101 Resp: 140775

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

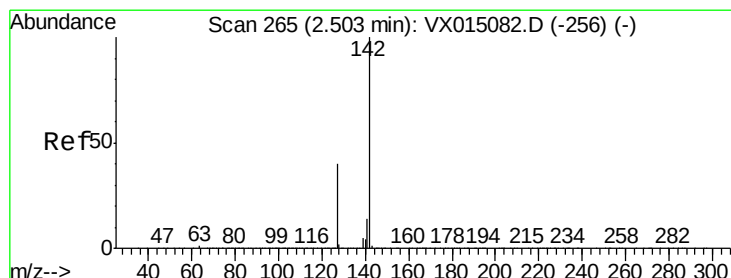
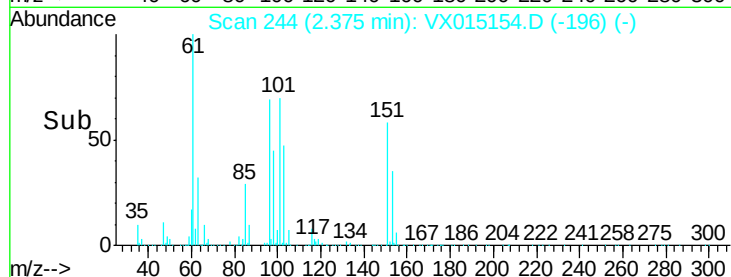
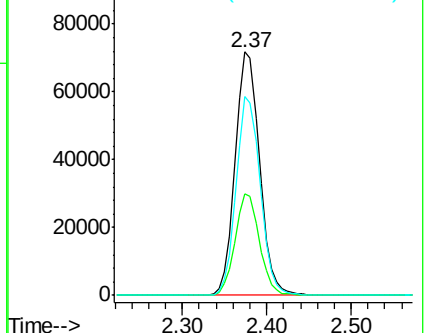
151 80.5 64.0 96.0



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: 46.80 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

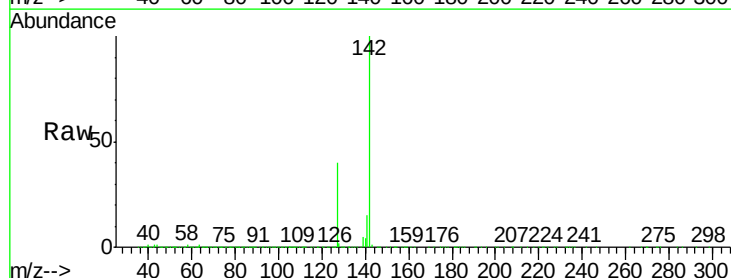
Tgt Ion:142 Resp: 175908

Ion Ratio Lower Upper

142 100

127 38.6 31.7 47.5

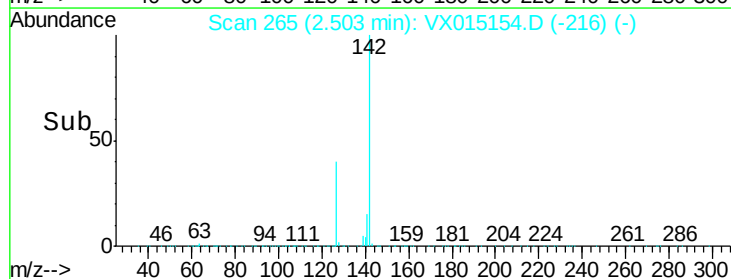
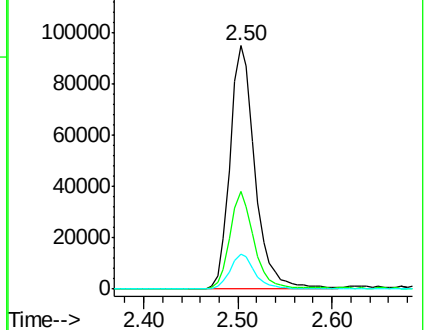
141 14.3 11.3 16.9

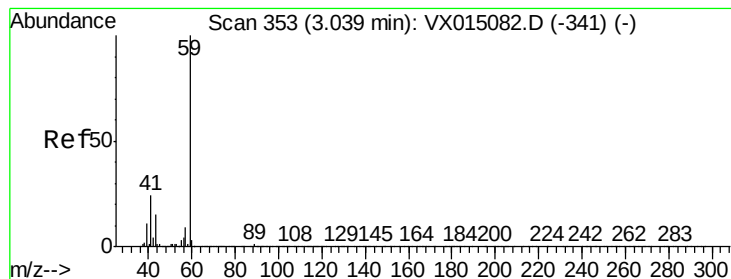


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



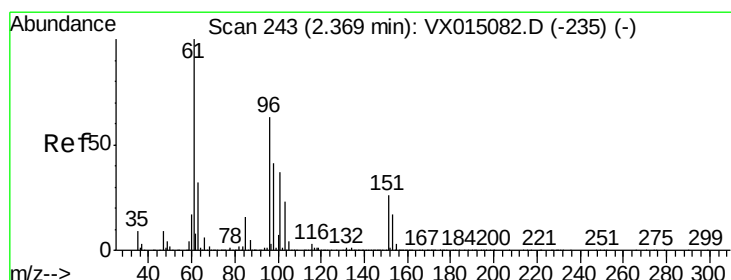
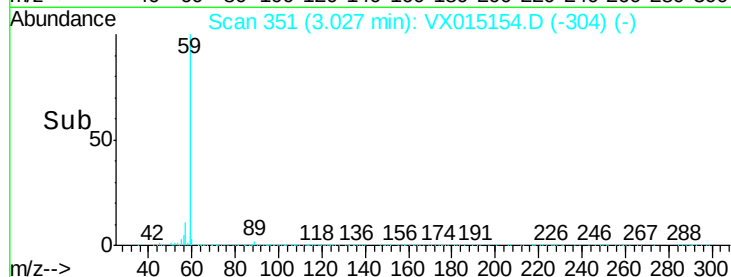
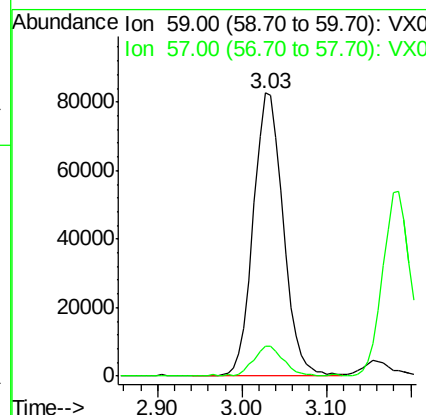
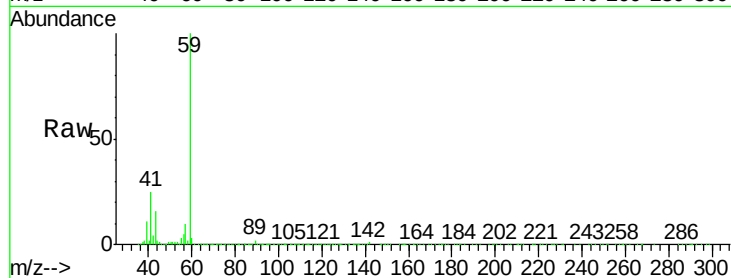


#11

Tert butyl alcohol
Concen: 272.95 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

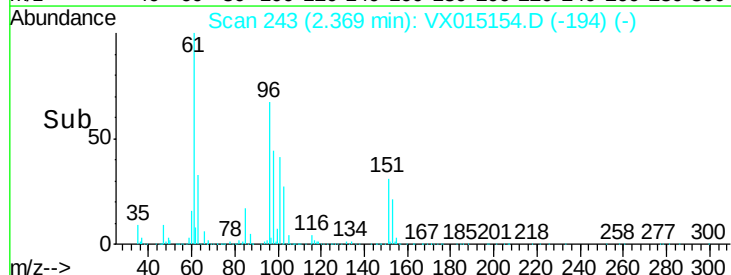
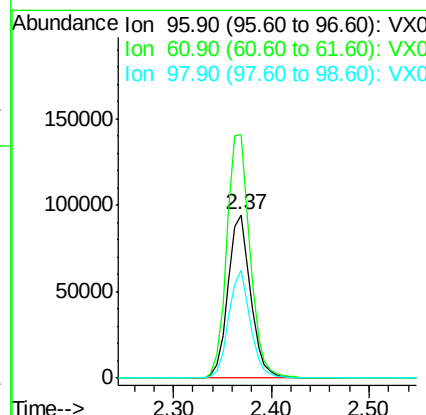
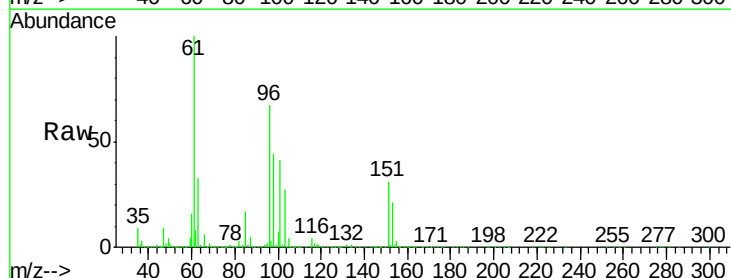
Tgt Ion: 59 Resp: 198520
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

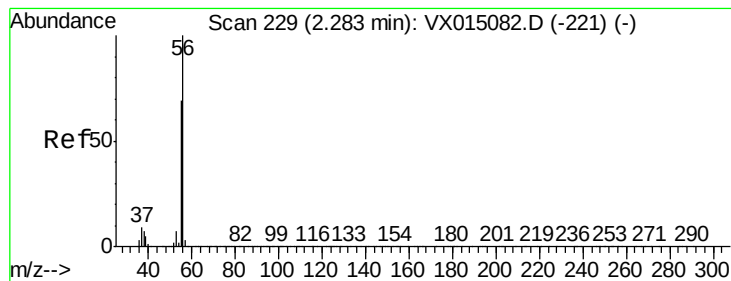


#12

1,1-Dichloroethene
Concen: 43.92 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 96 Resp: 150824
Ion Ratio Lower Upper
96 100
61 149.0 126.2 189.4
98 65.8 51.4 77.0





#13

Acrolein

Concen: 246.49 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

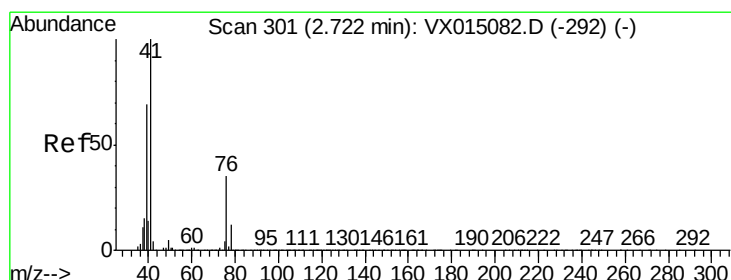
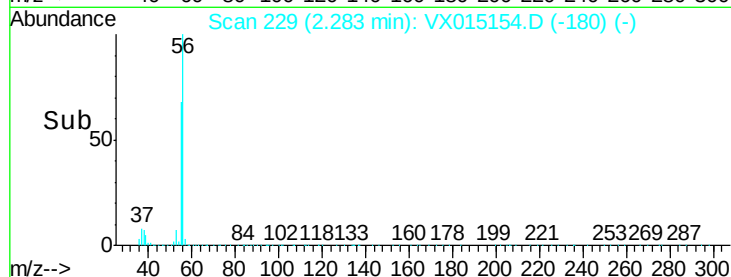
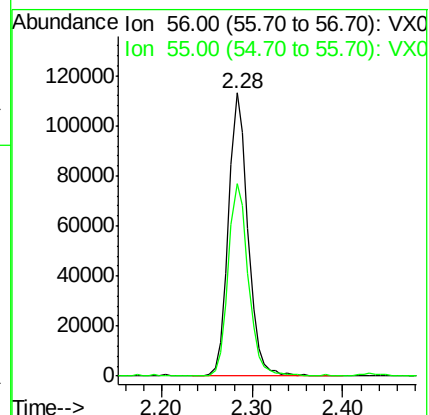
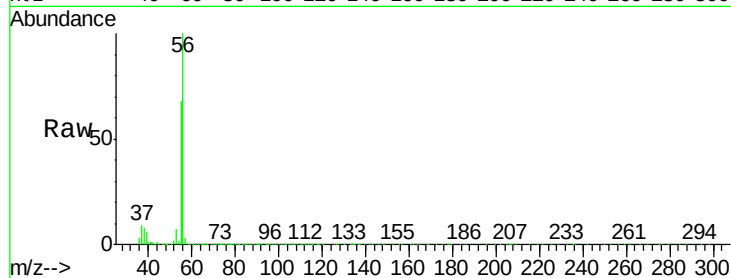
VSTDCCC050EC

Tgt Ion: 56 Resp: 168475

Ion Ratio Lower Upper

56 100

55 70.0 55.4 83.0



#14

Allyl chloride

Concen: 49.65 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

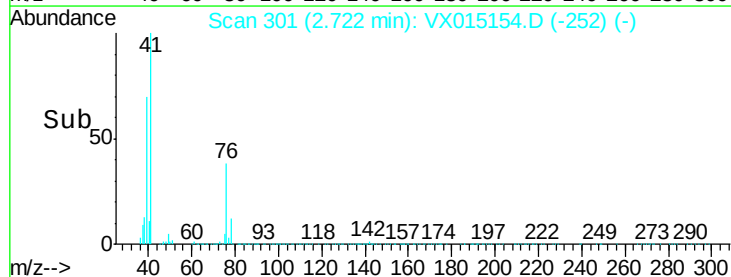
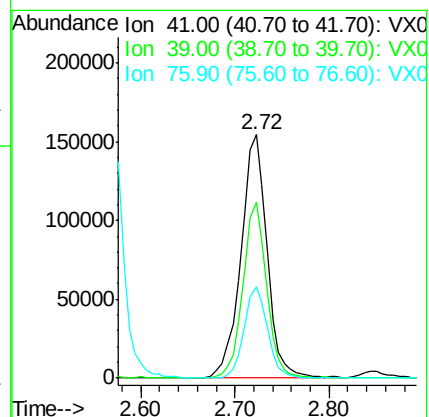
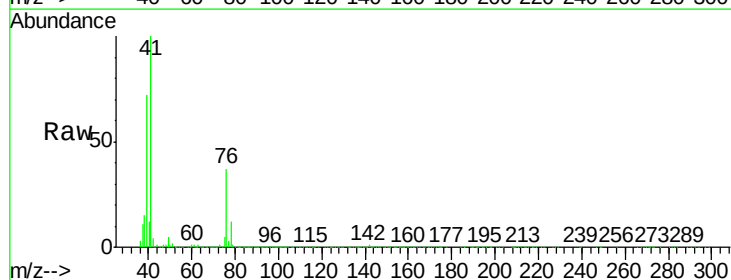
Tgt Ion: 41 Resp: 297287

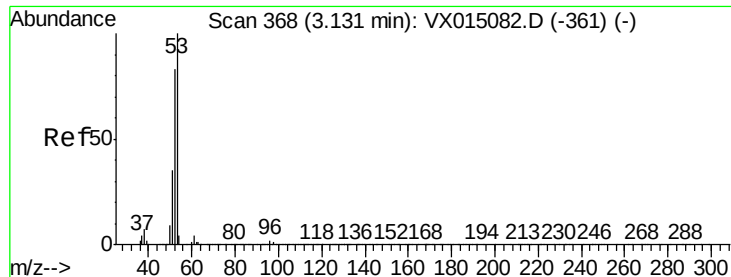
Ion Ratio Lower Upper

41 100

39 65.7 52.9 79.3

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 268.32 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

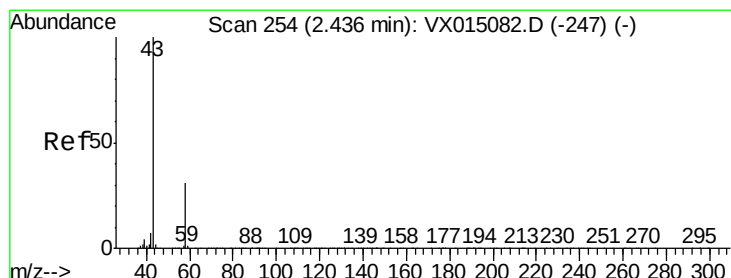
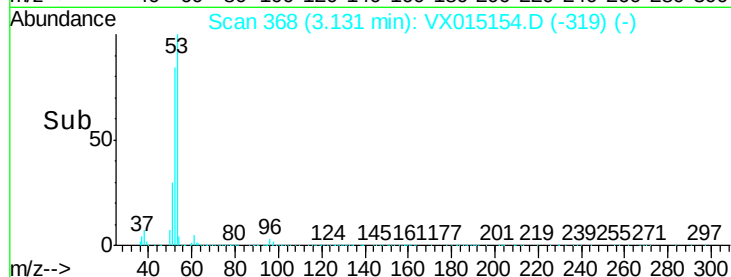
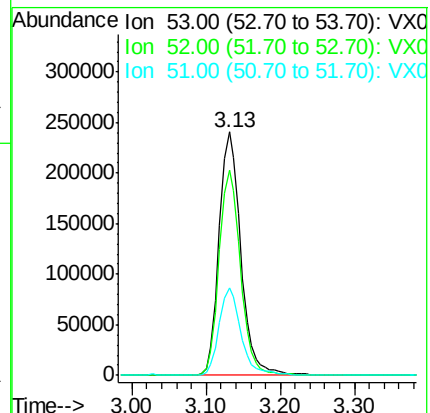
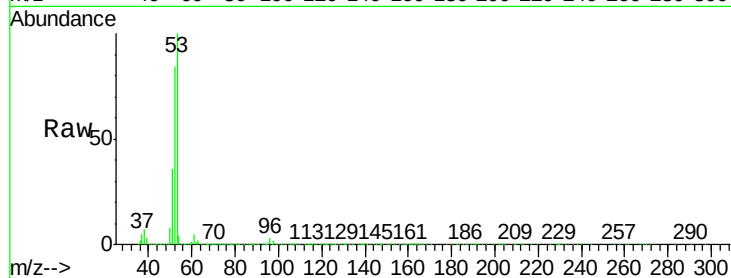
Tgt Ion: 53 Resp: 486002

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

51 36.1 29.0 43.6



#16

Acetone

Concen: 219.89 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015154.D

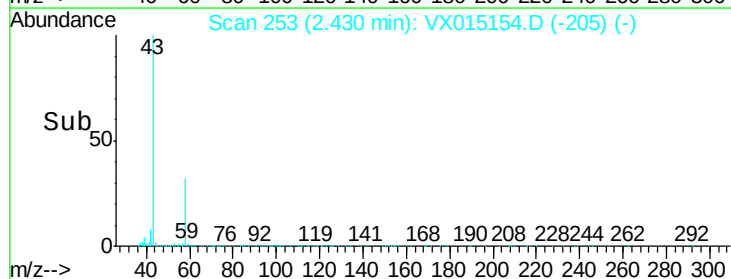
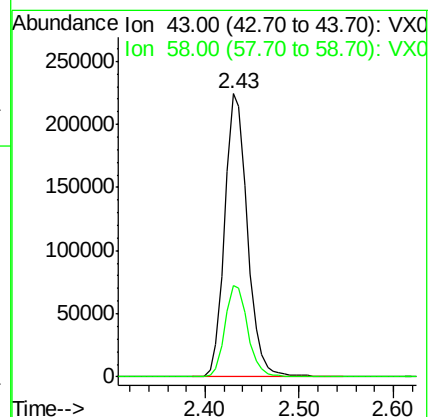
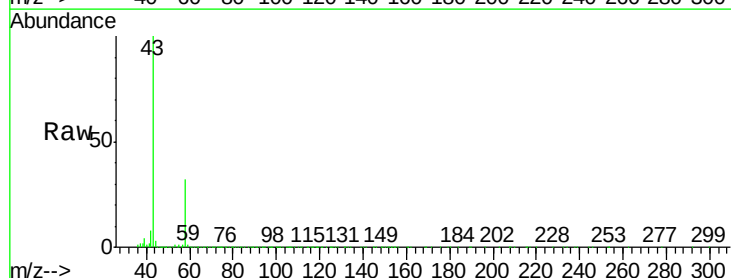
Acq: 09 Mar 2020 19:30

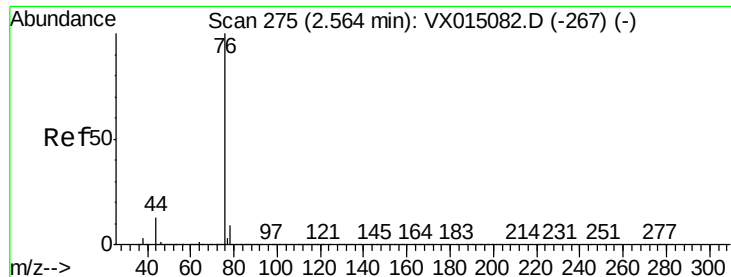
Tgt Ion: 43 Resp: 373305

Ion Ratio Lower Upper

43 100

58 32.2 24.8 37.2





#17

Carbon Disulfide

Concen: 46.86 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

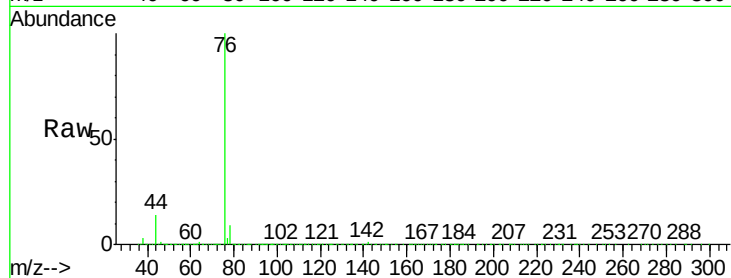
VSTDCCC050EC

Tgt Ion: 76 Resp: 446811

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

250000

200000

150000

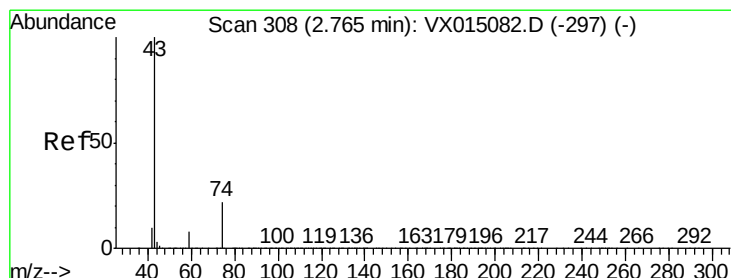
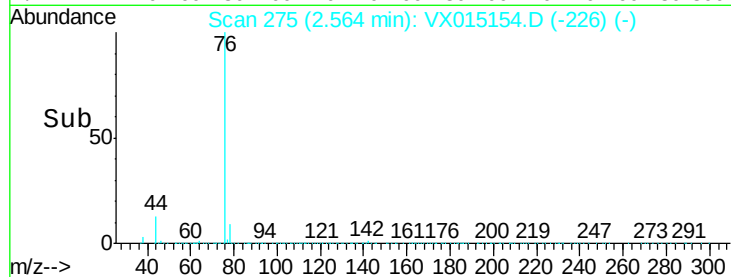
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 50.40 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015154.D

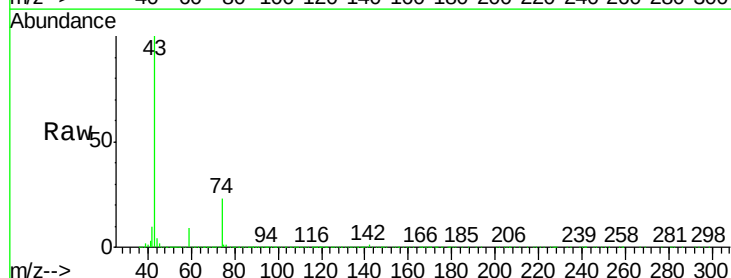
Acq: 09 Mar 2020 19:30

Tgt Ion: 43 Resp: 209223

Ion Ratio Lower Upper

43 100

74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

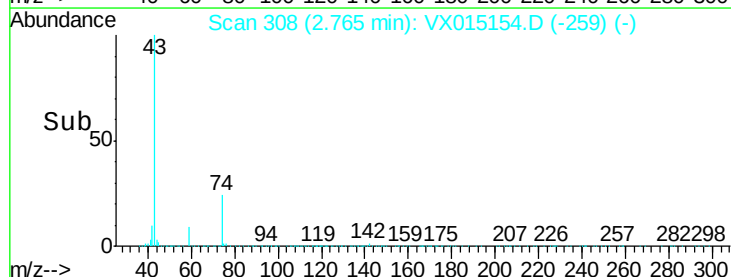
100000

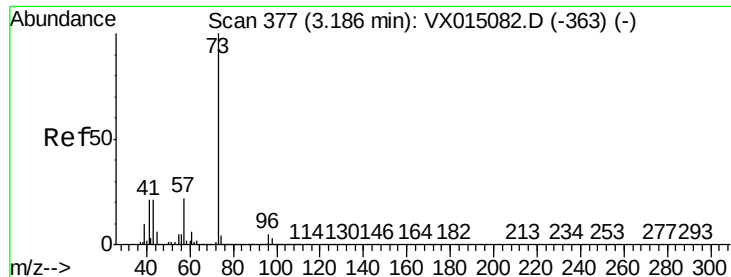
50000

0

Time-->

2.65 2.70 2.75 2.80 2.85





#19

Methyl tert-butyl Ether

Concen: 51.71 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

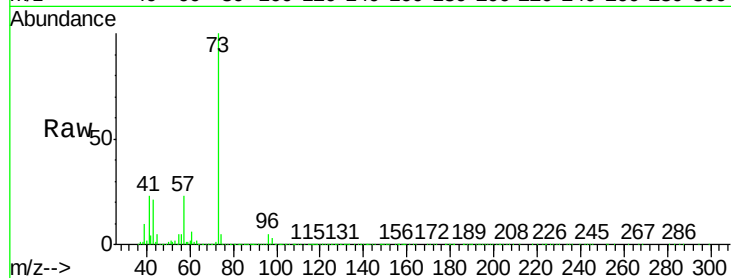
VSTDCCC050EC

Tgt Ion: 73 Resp: 554826

Ion Ratio Lower Upper

73 100

57 22.4 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

250000

200000

150000

100000

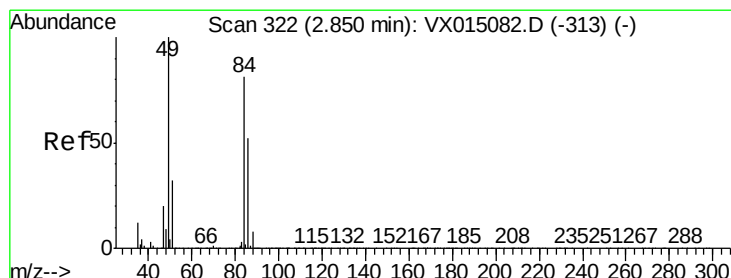
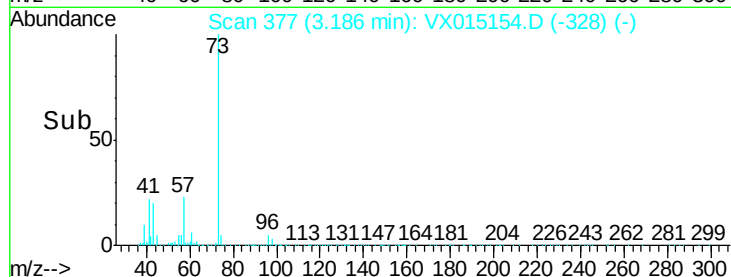
50000

0

Time-->

3.10 3.20 3.30

3.19



#20

Methylene Chloride

Concen: 47.82 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion: 84 Resp: 189999

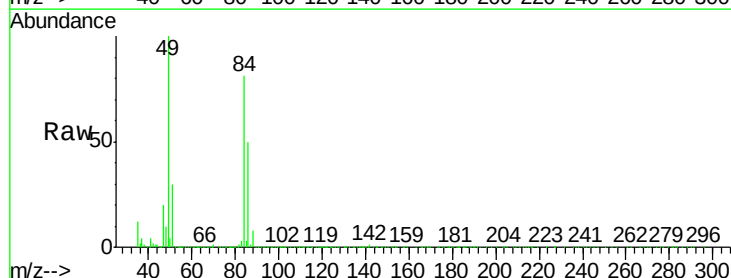
Ion Ratio Lower Upper

84 100

49 123.9 99.4 149.2

51 37.4 31.5 47.3

86 62.2 51.6 77.4



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

150000

100000

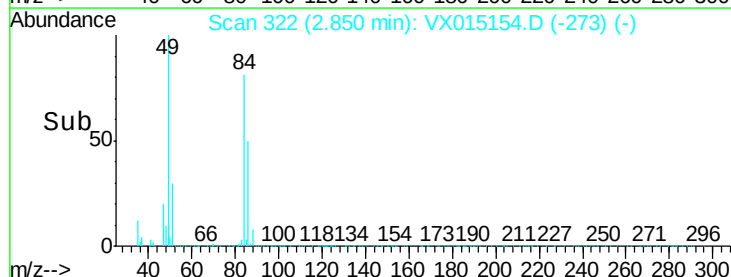
50000

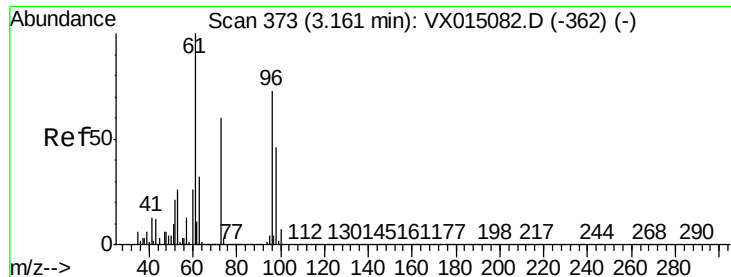
0

Time-->

2.80 2.90

2.85





#21

trans-1,2-Dichloroethene

Concen: 48.85 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

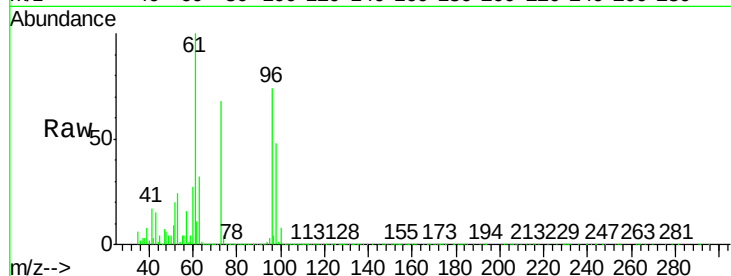
Tgt Ion: 96 Resp: 179109

Ion Ratio Lower Upper

96 100

61 134.9 109.9 164.9

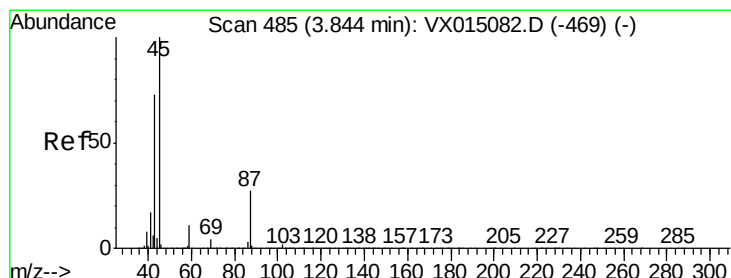
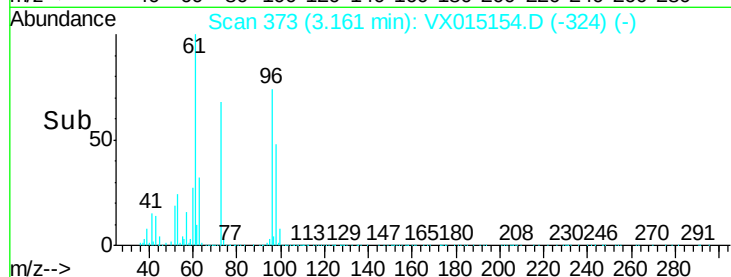
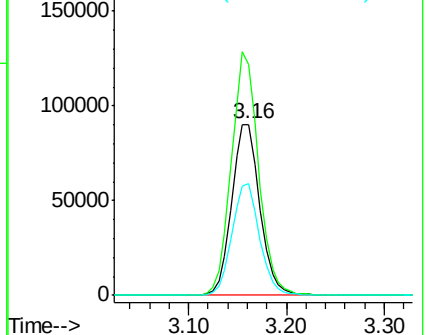
98 65.2 50.2 75.2



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: 51.41 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion: 45 Resp: 613195

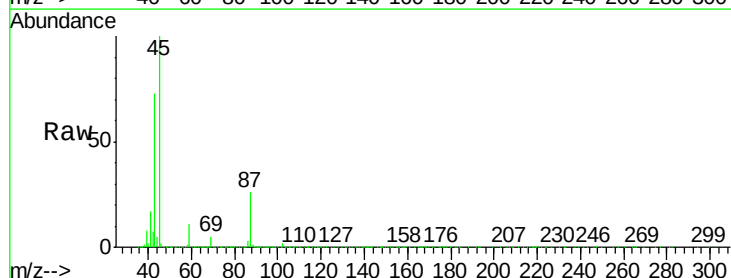
Ion Ratio Lower Upper

45 100

43 72.6 58.2 87.2

87 26.4 21.2 31.8

59 11.4 8.9 13.3

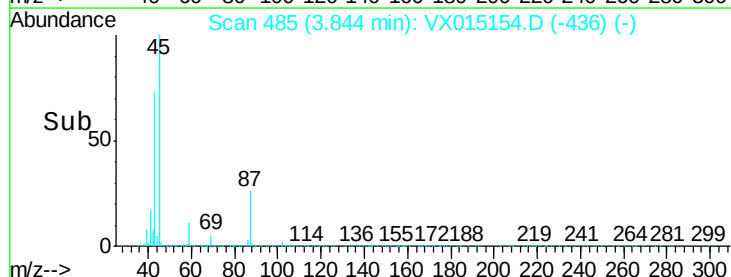
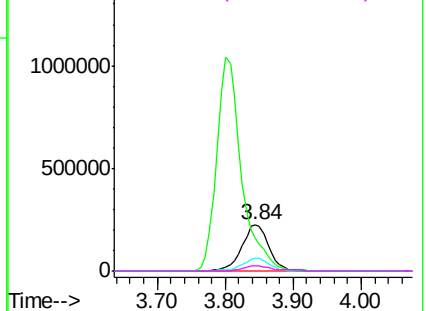


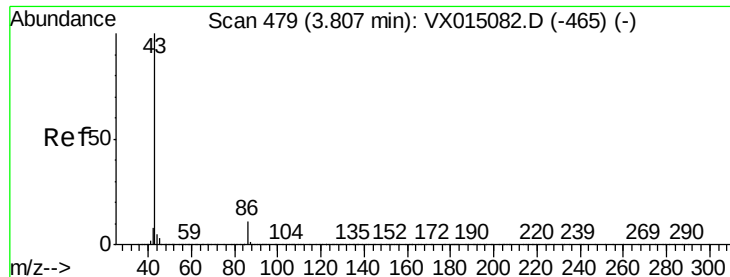
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 269.24 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

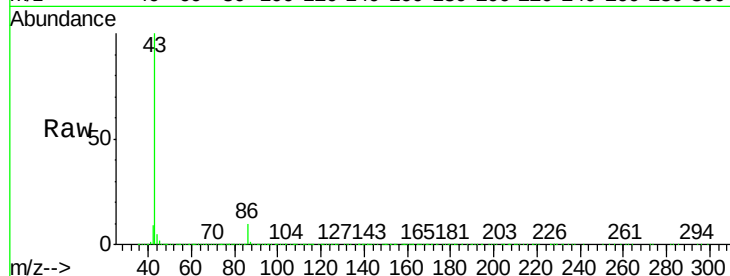
VSTDCCC050EC

Tgt Ion: 43 Resp: 2640027

Ion Ratio Lower Upper

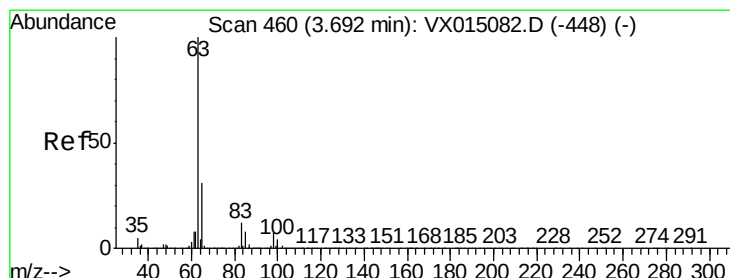
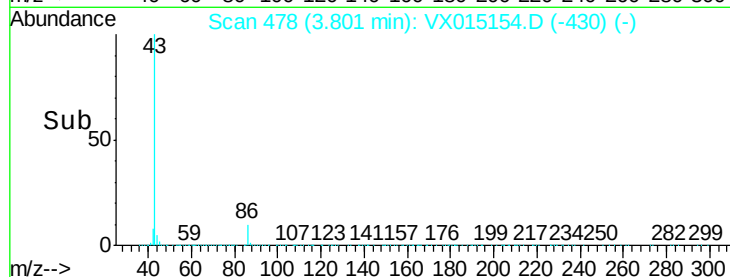
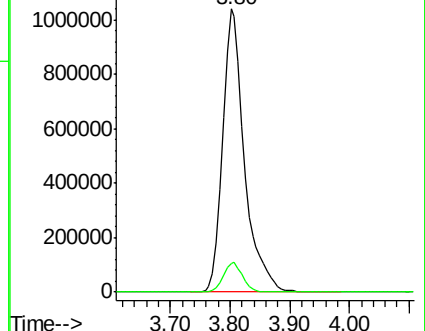
43 100

86 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.94 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

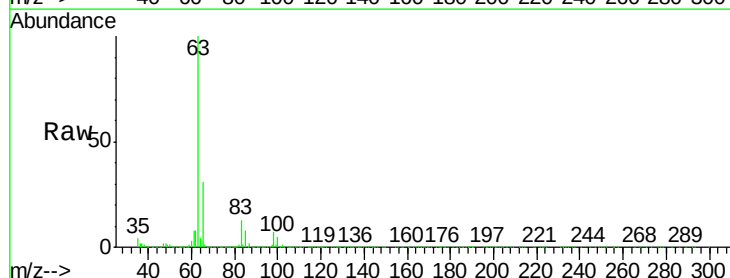
Tgt Ion: 63 Resp: 330597

Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

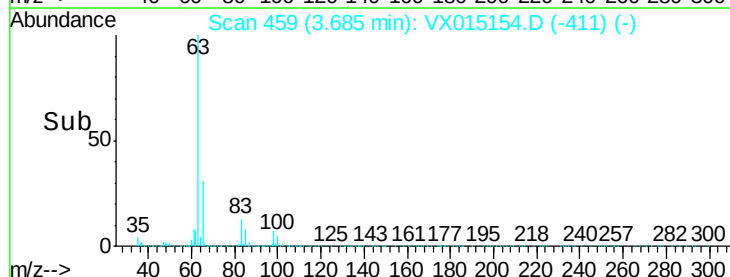
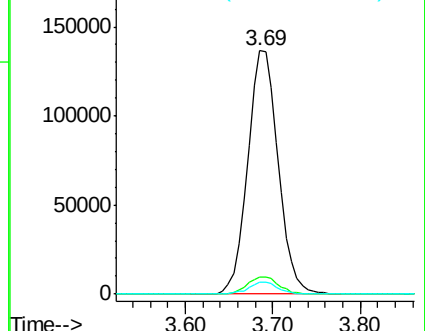
100 4.6 2.1 6.5

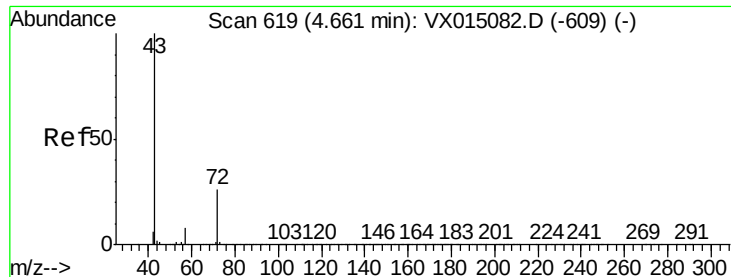


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 263.24 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

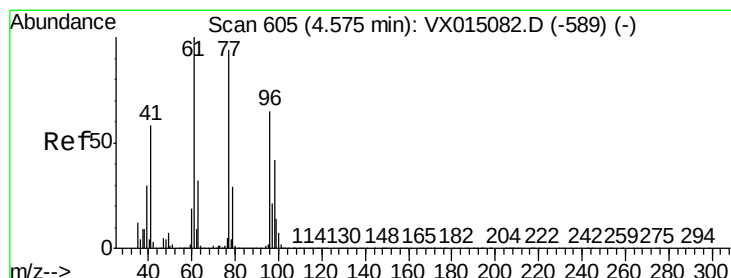
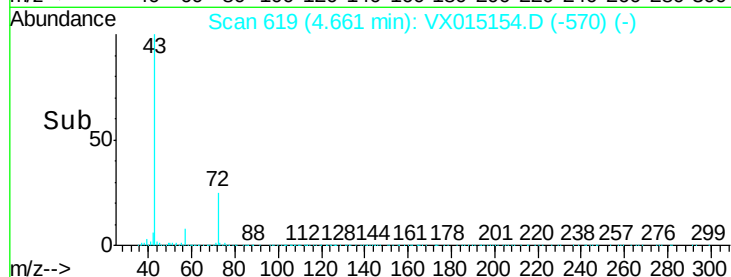
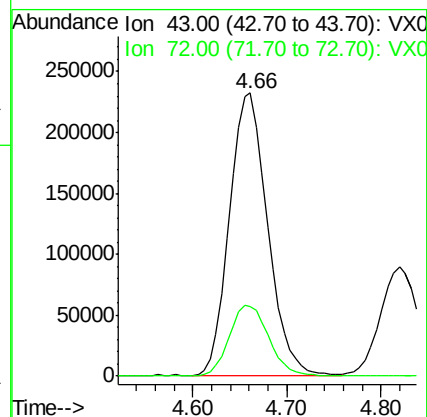
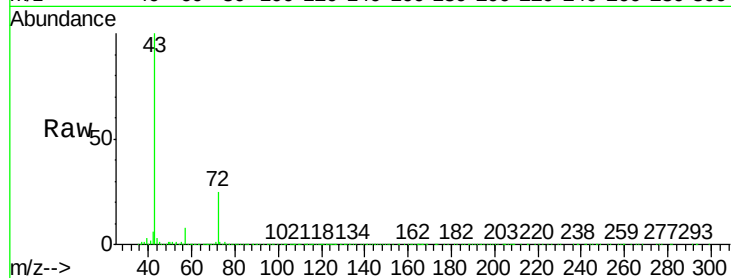
VSTDCCC050EC

Tgt Ion: 43 Resp: 654261

Ion Ratio Lower Upper

43 100

72 24.6 20.6 30.8



#26

2,2-Dichloropropane

Concen: 44.19 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015154.D

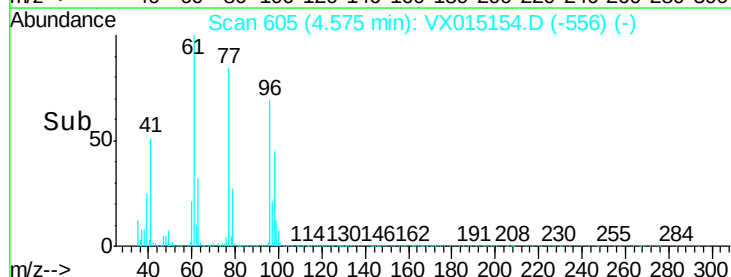
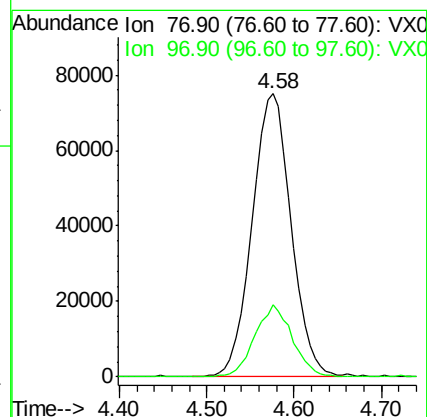
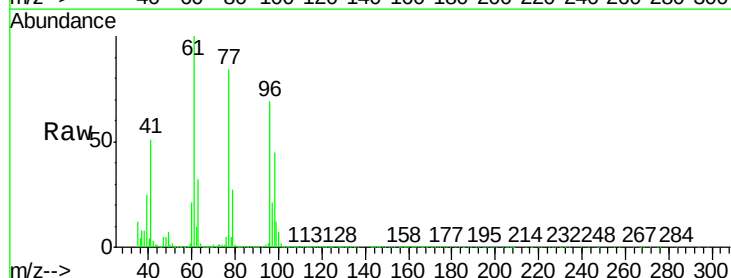
Acq: 09 Mar 2020 19:30

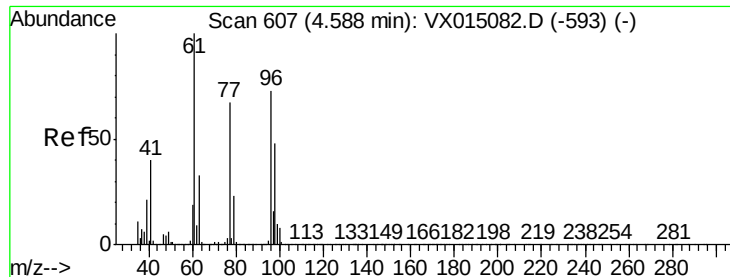
Tgt Ion: 77 Resp: 232266

Ion Ratio Lower Upper

77 100

97 24.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.10 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

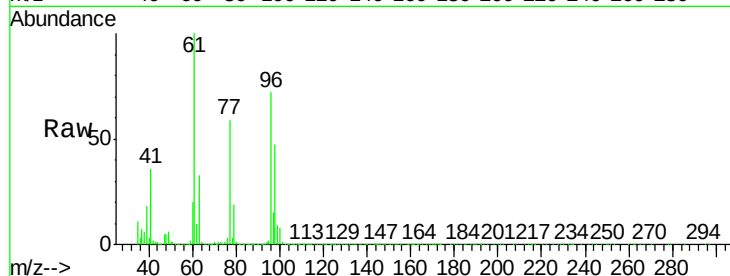
Tgt Ion: 96 Resp: 201956

Ion Ratio Lower Upper

96 100

61 144.5 0.0 286.8

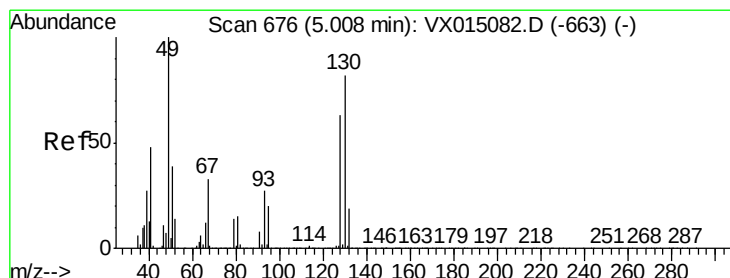
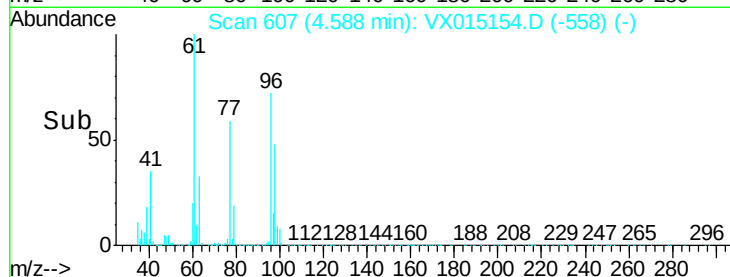
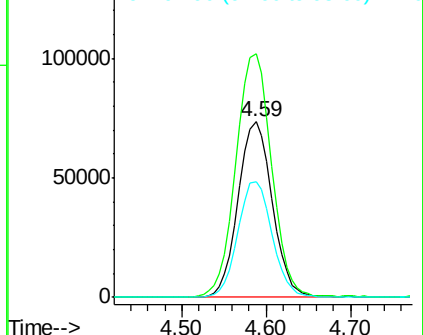
98 66.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.16 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

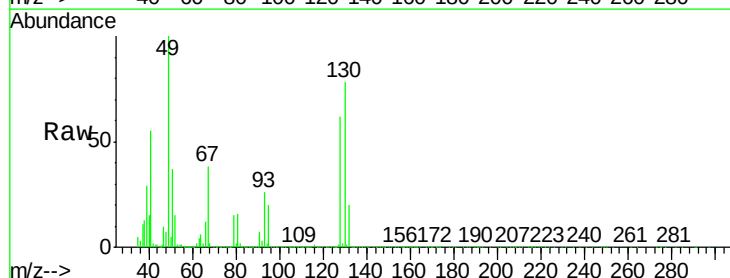
Tgt Ion: 49 Resp: 154221

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

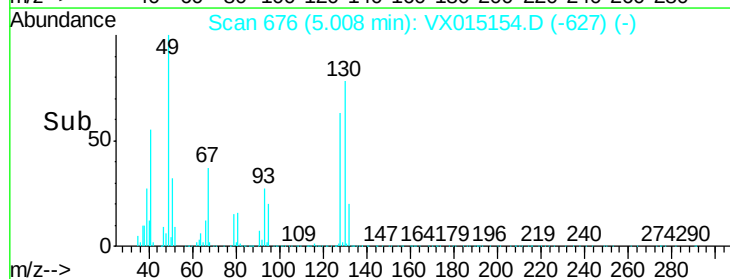
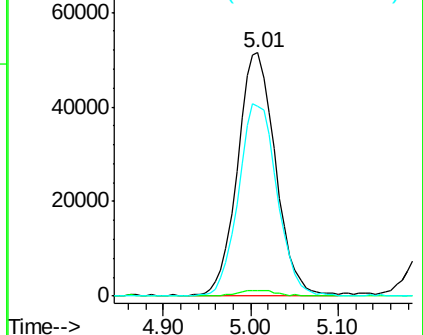
130 81.2 65.0 97.6

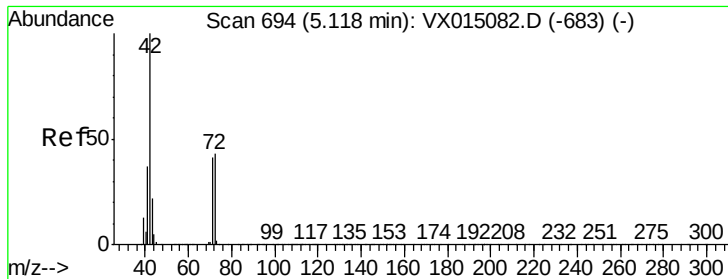


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 270.25 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

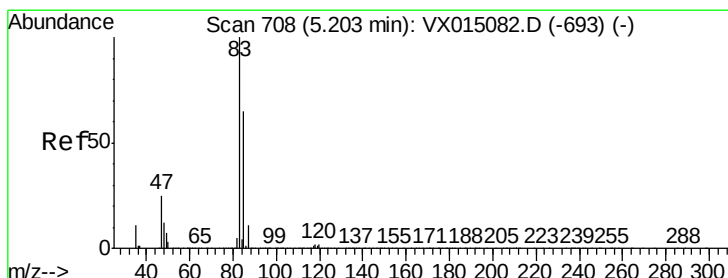
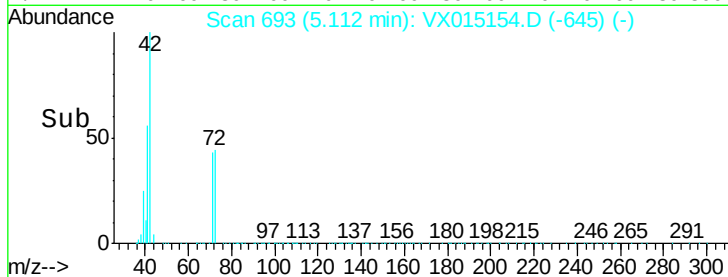
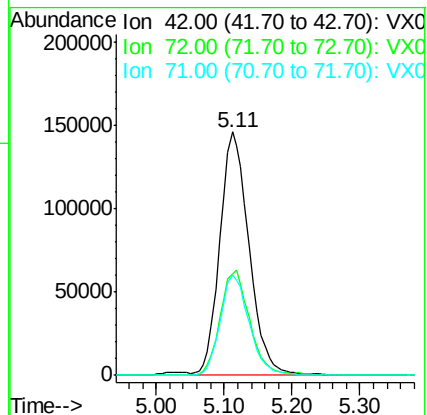
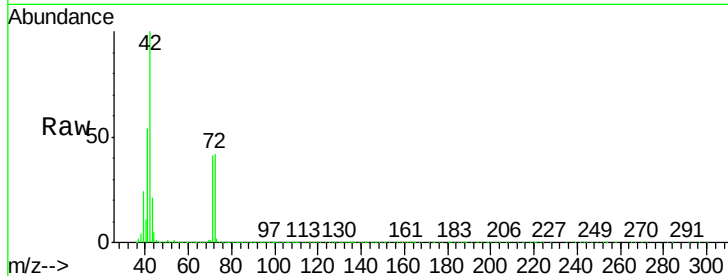
Tgt Ion: 42 Resp: 432975

Ion Ratio Lower Upper

42 100

72 43.8 36.4 54.6

71 40.9 33.3 49.9



#30

Chloroform

Concen: 50.05 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015154.D

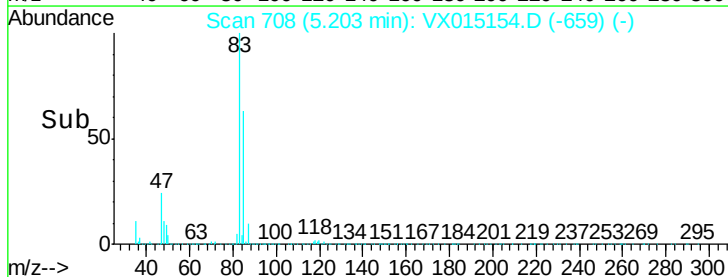
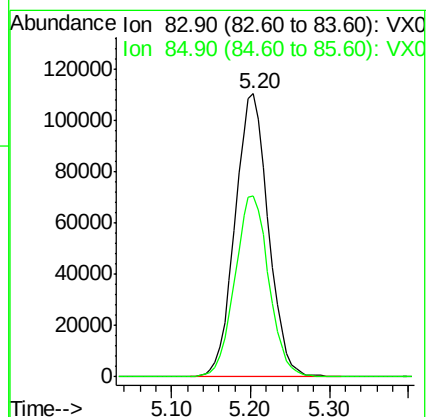
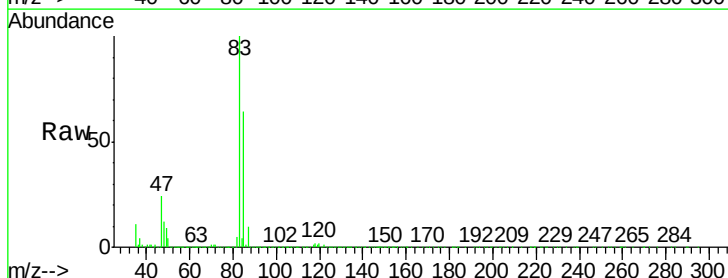
Acq: 09 Mar 2020 19:30

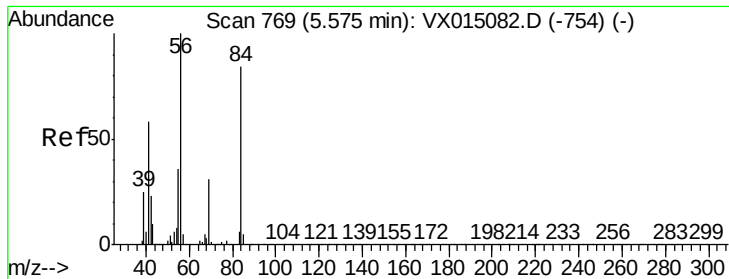
Tgt Ion: 83 Resp: 322930

Ion Ratio Lower Upper

83 100

85 64.1 52.0 78.0

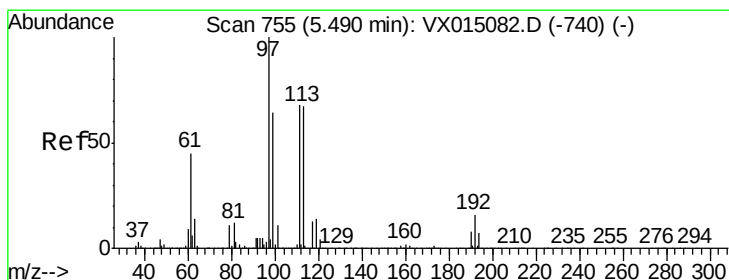
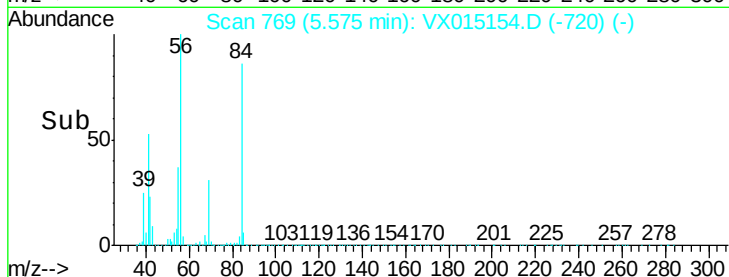
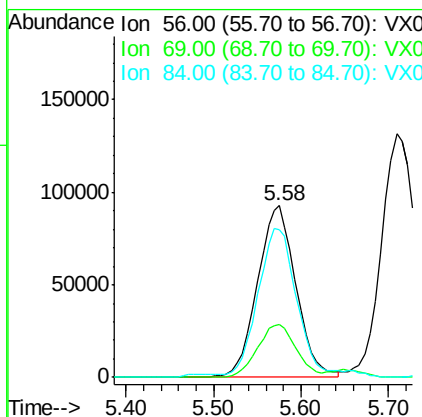
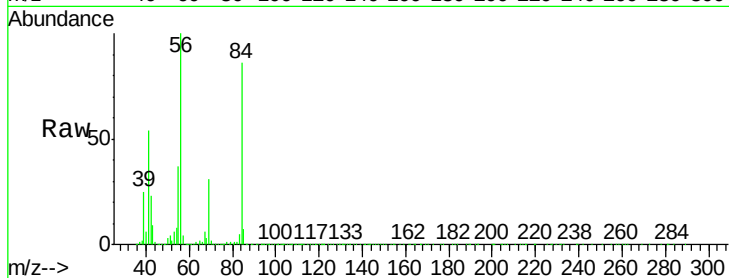




#31
Cyclohexane
Concen: 47.68 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

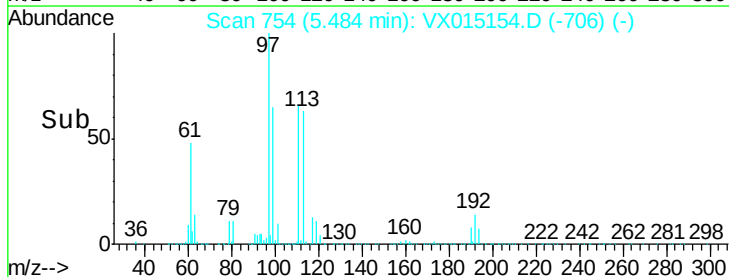
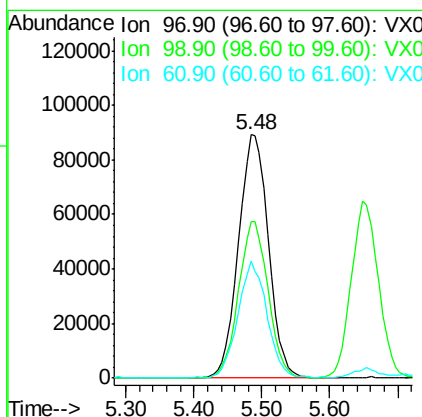
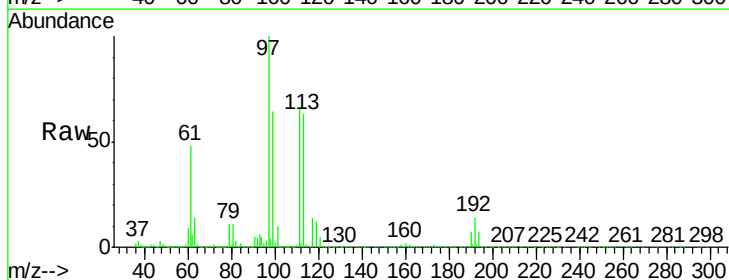
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

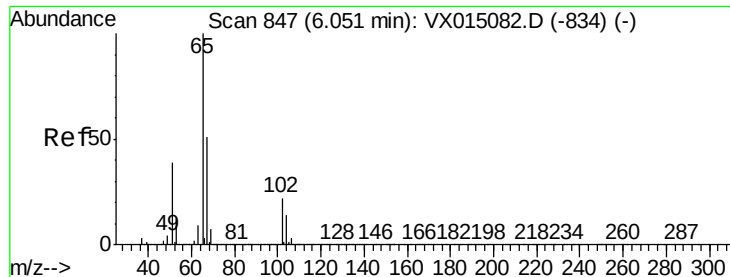
Tgt Ion: 56 Resp: 281543
Ion Ratio Lower Upper
56 100
69 30.4 25.0 37.6
84 84.9 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 51.20 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 97 Resp: 273882
Ion Ratio Lower Upper
97 100
99 63.5 52.8 79.2
61 45.9 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.58 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

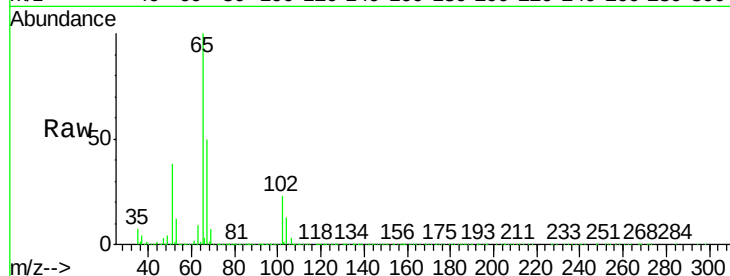
VSTDCCC050EC

Tgt Ion: 65 Resp: 203639

Ion Ratio Lower Upper

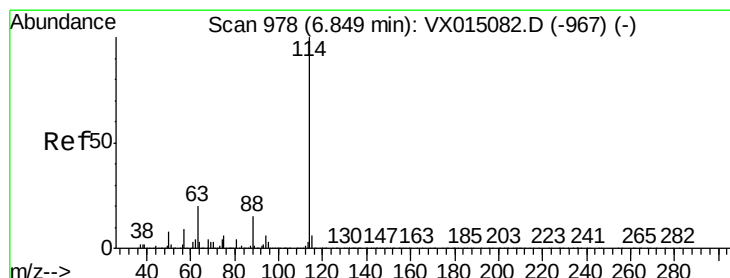
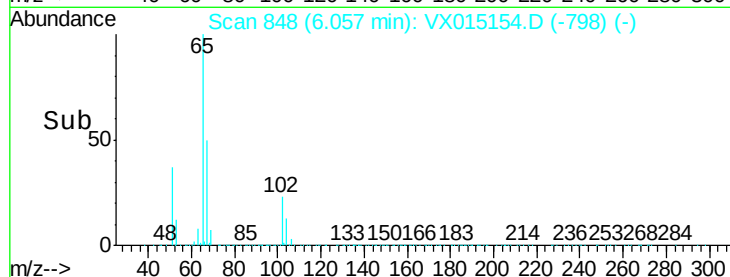
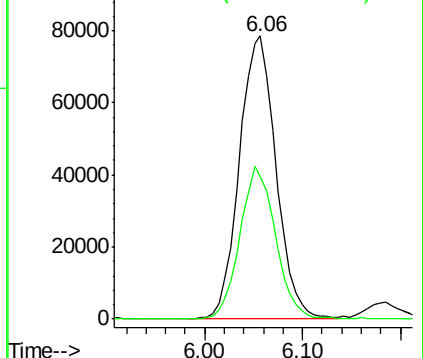
65 100

67 52.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

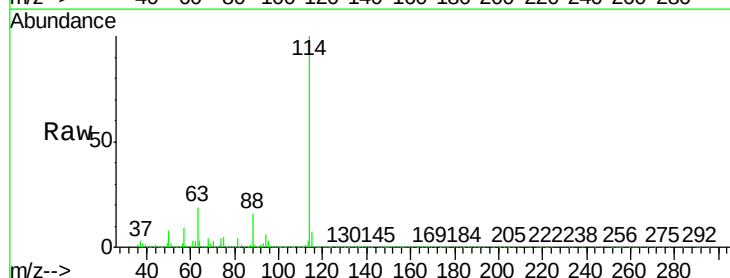
Tgt Ion: 114 Resp: 550767

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

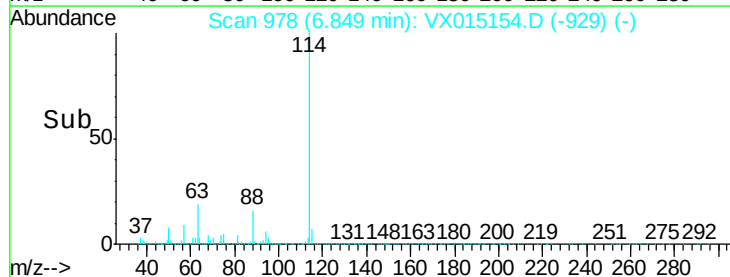
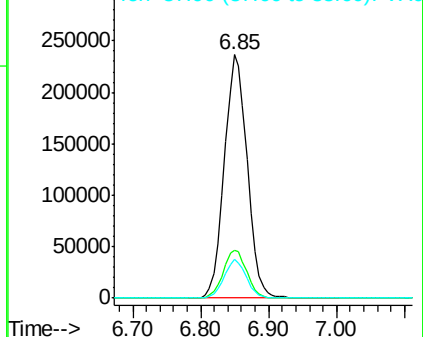
88 15.9 0.0 30.6

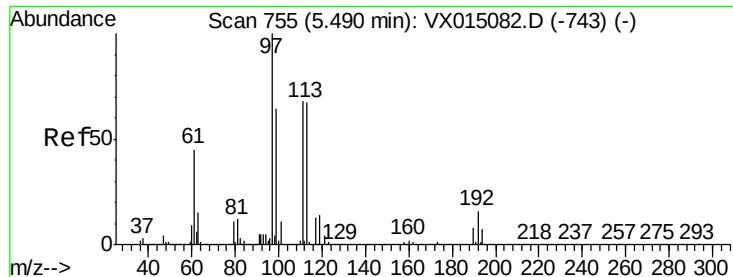


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

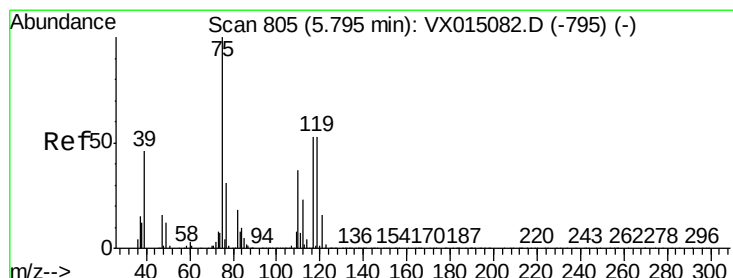
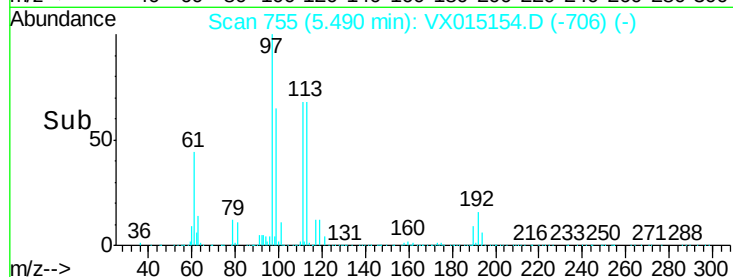
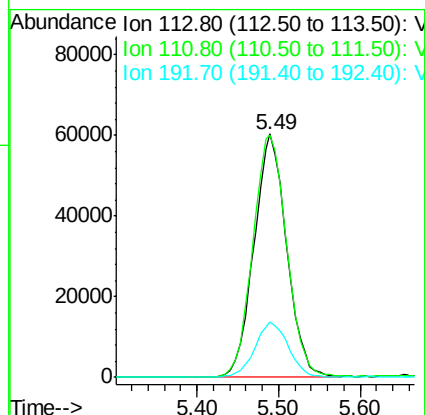
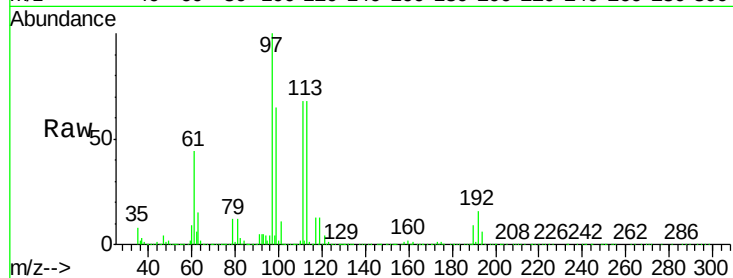




#35
Dibromofluoromethane
Concen: 48.46 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

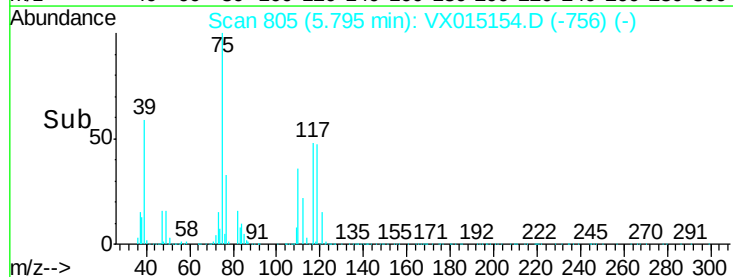
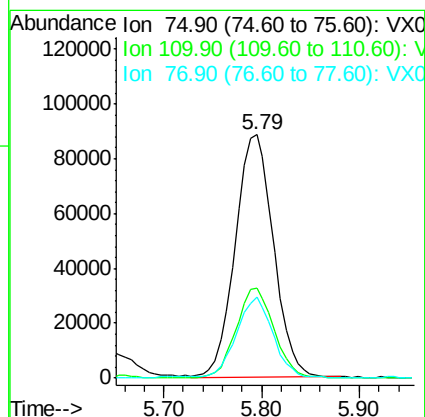
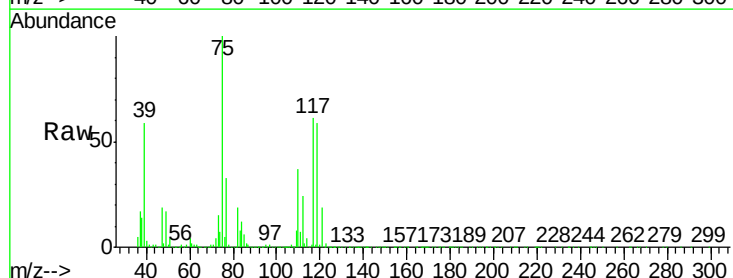
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

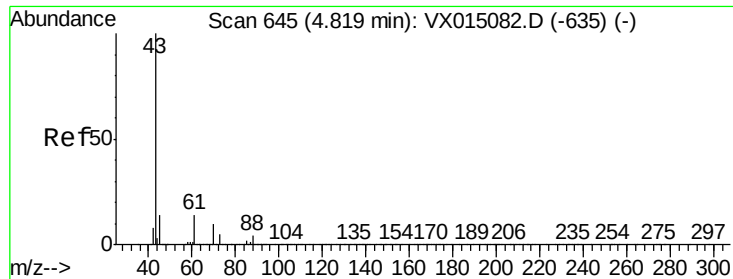
Tgt Ion:113 Resp: 168364
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 23.3 18.6 28.0



#36
1,1-Dichloropropene
Concen: 47.15 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 75 Resp: 240067
Ion Ratio Lower Upper
75 100
110 36.6 17.9 53.8
77 31.1 24.8 37.2

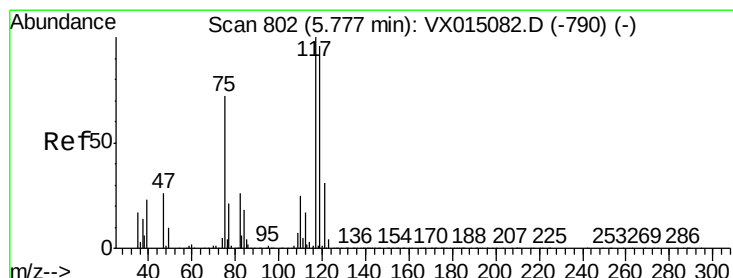
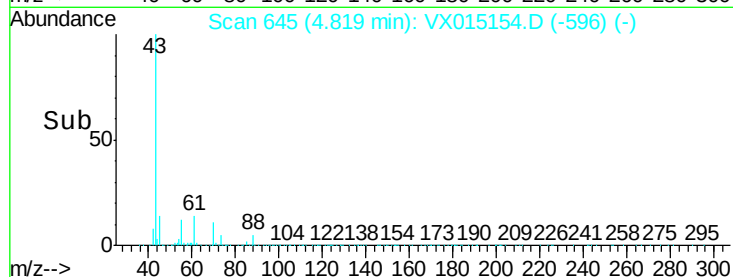
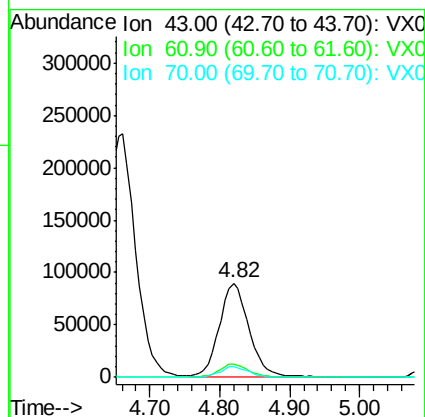
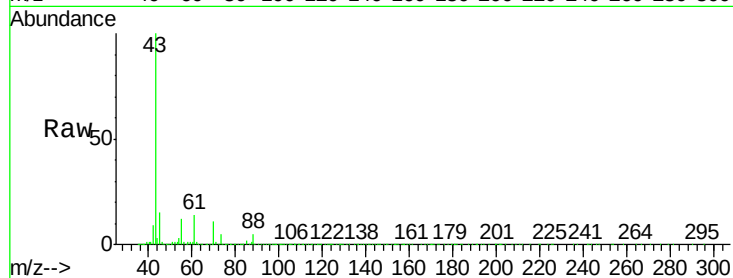




#37
Ethyl Acetate
Concen: 55.55 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

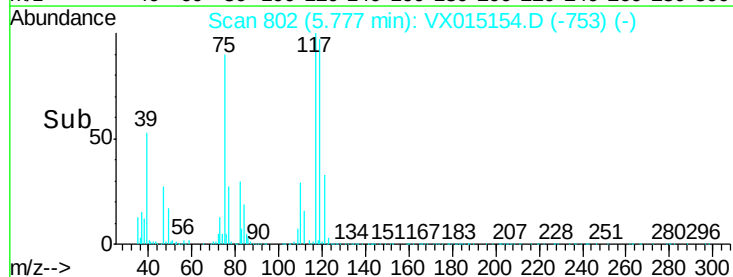
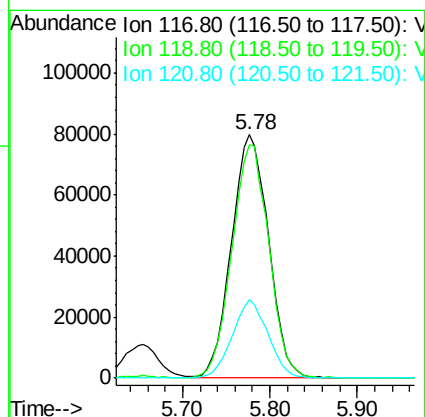
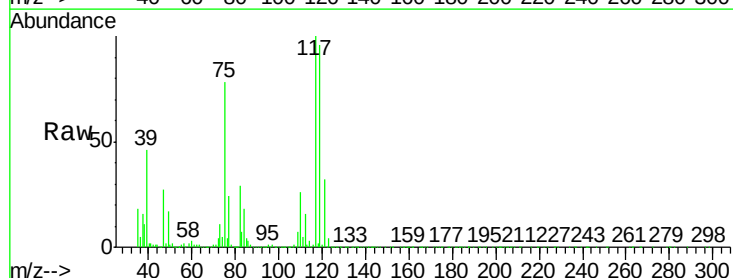
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

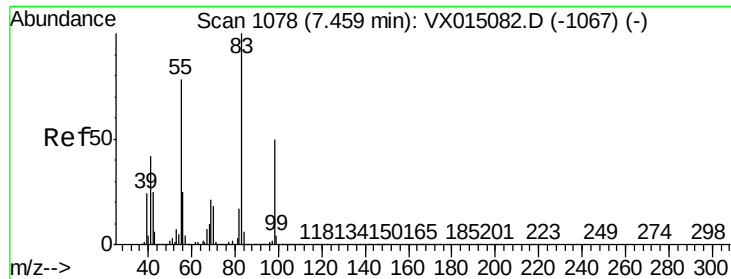
Tgt Ion:	43	Resp:	262369
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.6	8.1	12.1



#38
Carbon Tetrachloride
Concen: 48.51 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:	117	Resp:	233153
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
121	31.9	24.6	37.0

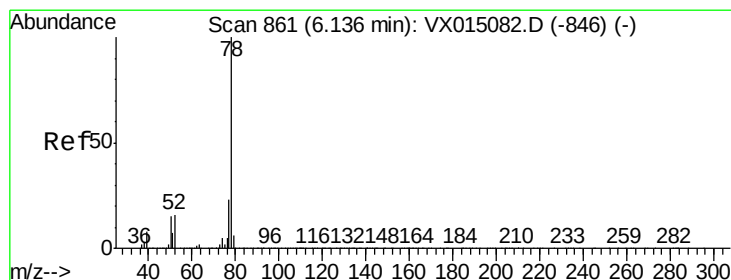
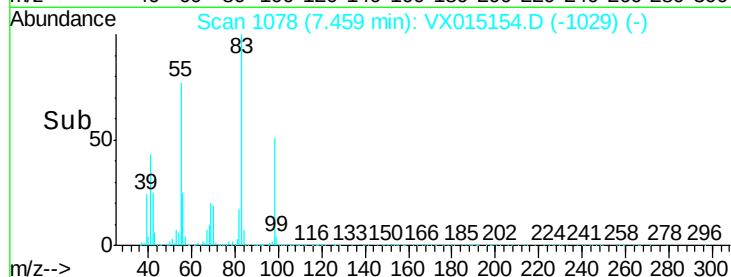
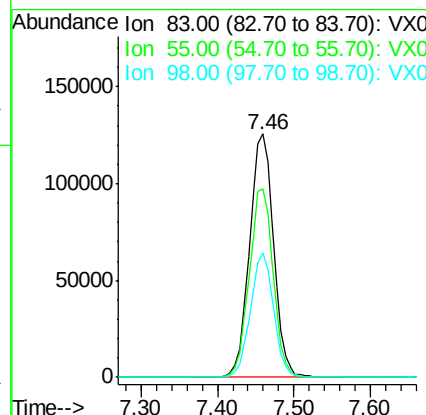
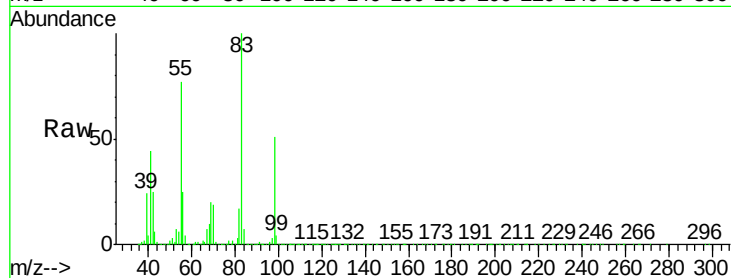




#39
Methylcyclohexane
Concen: 46.18 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

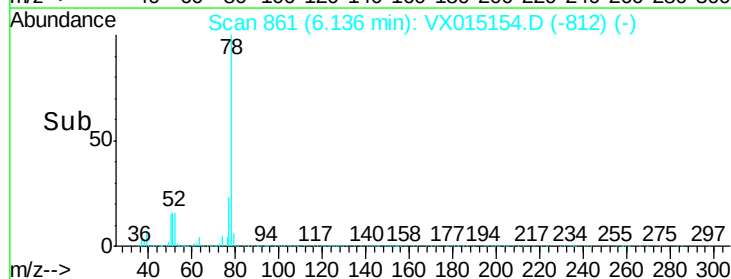
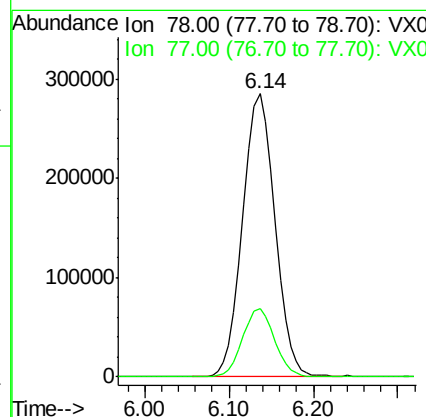
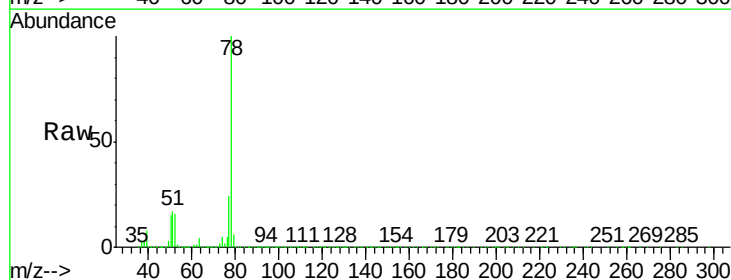
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

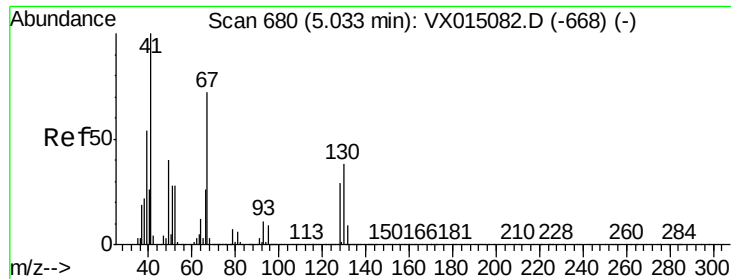
Tgt Ion: 83 Resp: 274562
Ion Ratio Lower Upper
83 100
55 77.1 62.4 93.6
98 50.8 39.7 59.5



#40
Benzene
Concen: 49.07 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 78 Resp: 741257
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

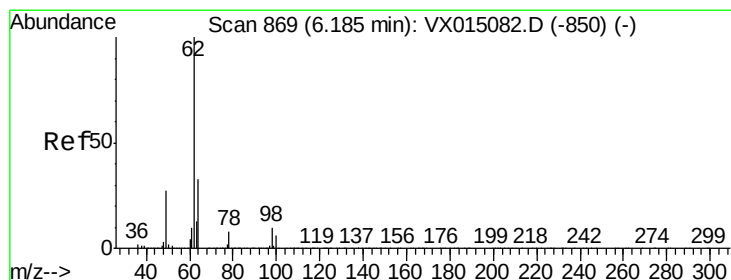
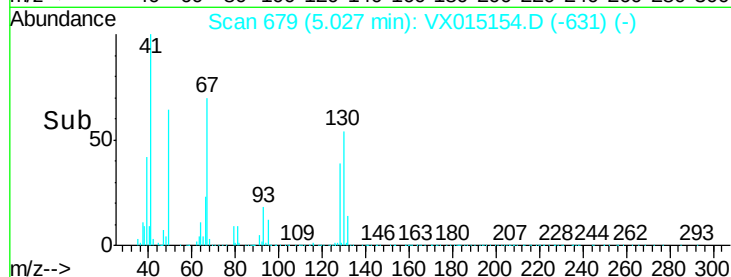
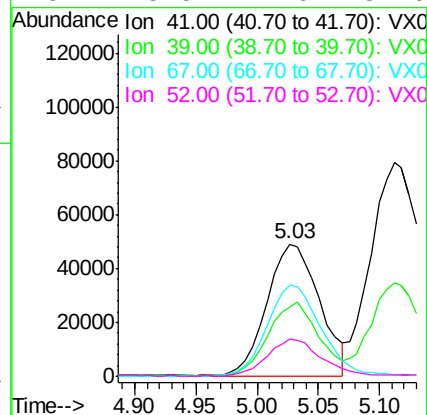
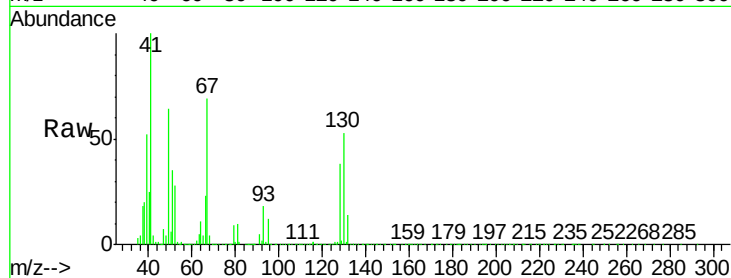




#41
Methacrylonitrile
Concen: 51.35 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

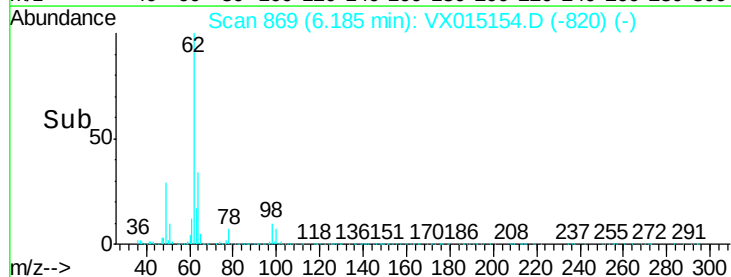
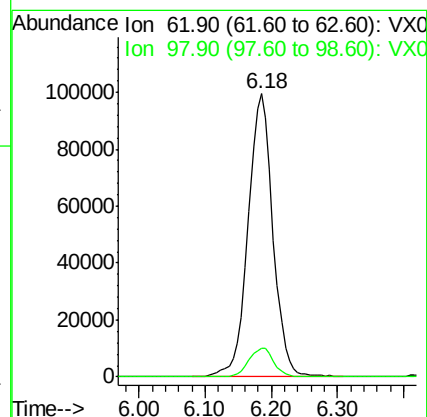
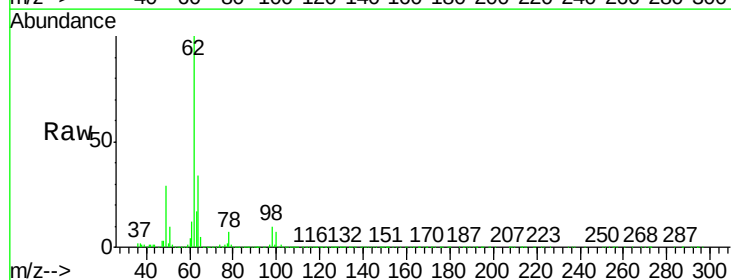
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

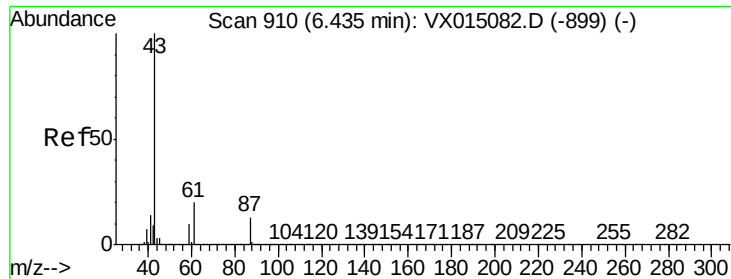
Tgt Ion:	41	Resp:	145667
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.9	65.9
67	70.8	57.8	86.8
52	28.5	22.6	34.0



#42
1,2-Dichloroethane
Concen: 49.92 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:	62	Resp:	258960
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 52.20 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

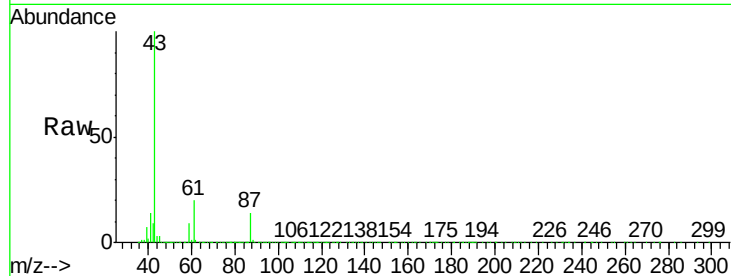
Tgt Ion: 43 Resp: 433747

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

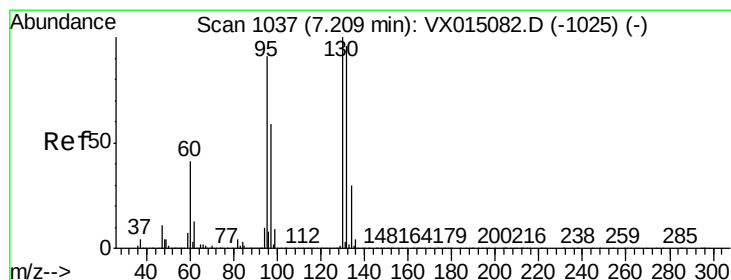
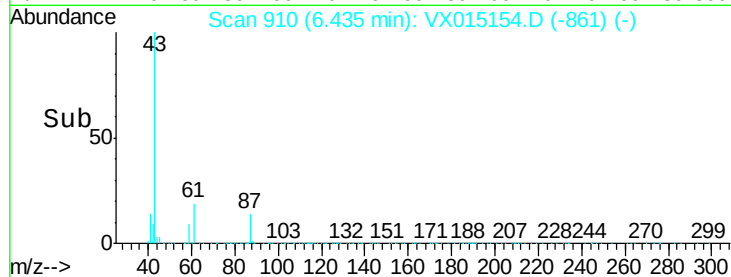
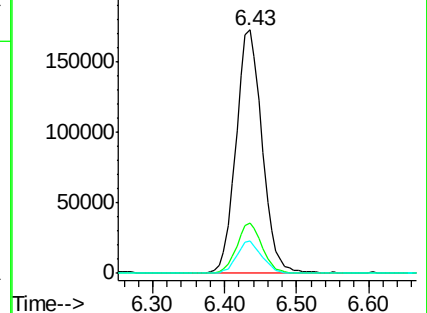
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.39 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015154.D

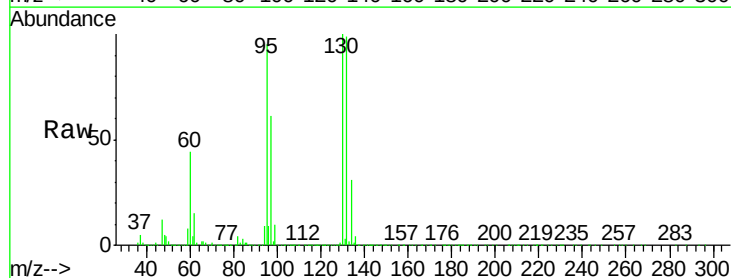
Acq: 09 Mar 2020 19:30

Tgt Ion: 130 Resp: 207778

Ion Ratio Lower Upper

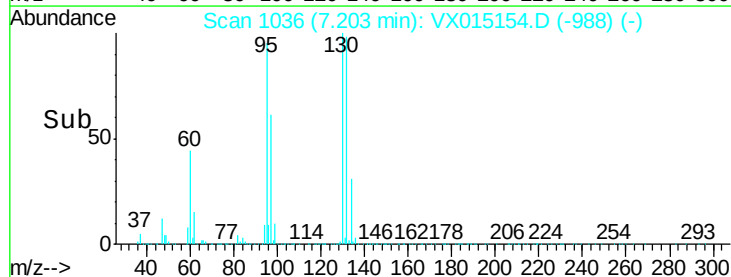
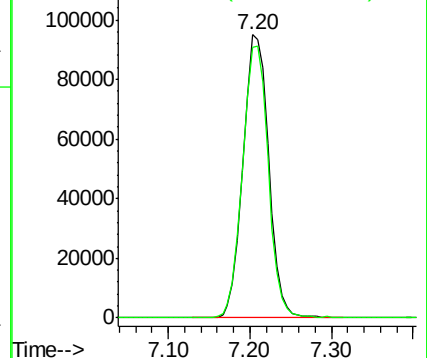
130 100

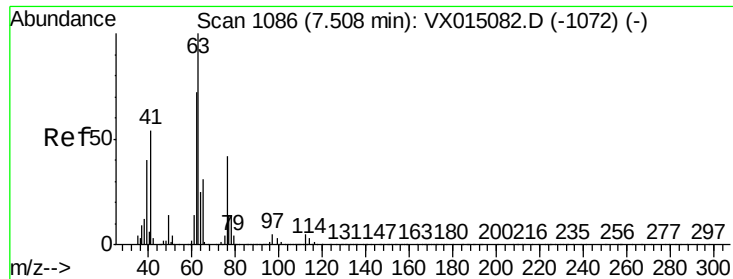
95 95.3 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

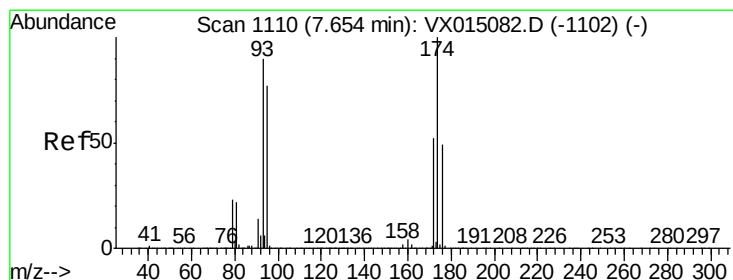
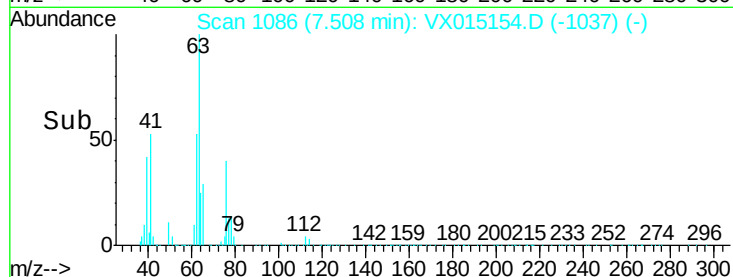
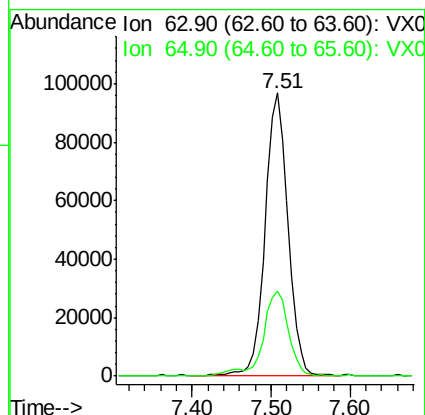
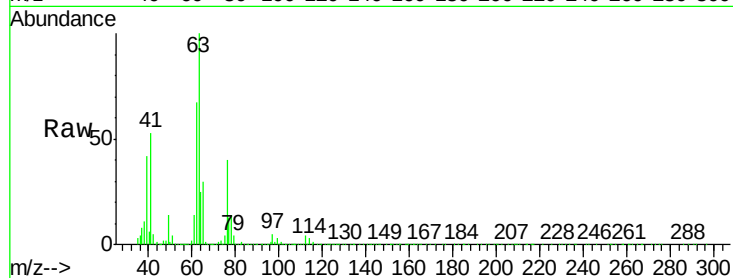




#45
 1,2-Dichloropropane
 Concen: 49.52 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

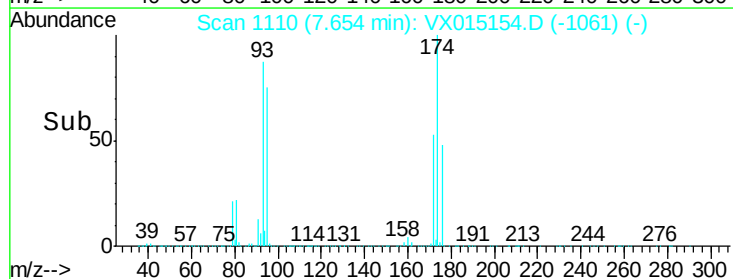
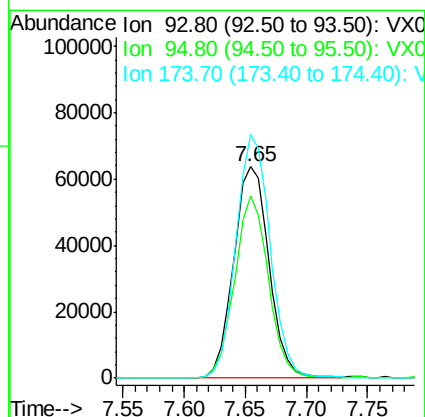
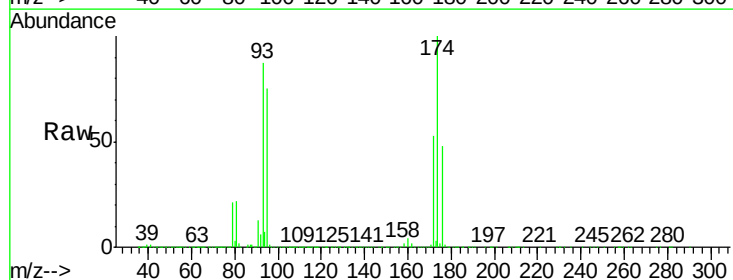
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

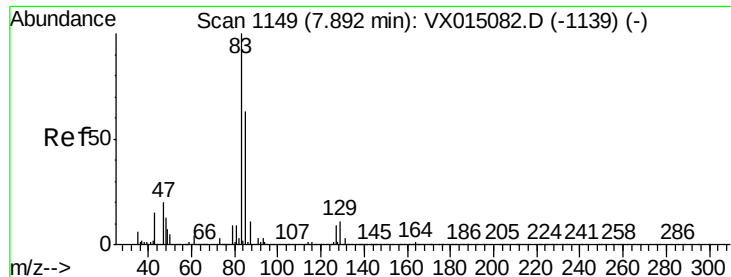
Tgt Ion: 63 Resp: 193624
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 36.8



#46
 Dibromomethane
 Concen: 49.80 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion: 93 Resp: 126888
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.8 101.8
 174 112.3 91.0 136.4





#47

Bromodichloromethane

Concen: 50.04 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

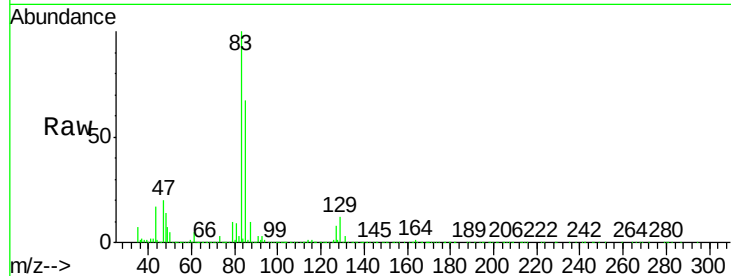
Tgt Ion: 83 Resp: 252121

Ion Ratio Lower Upper

83 100

85 66.6 50.6 75.8

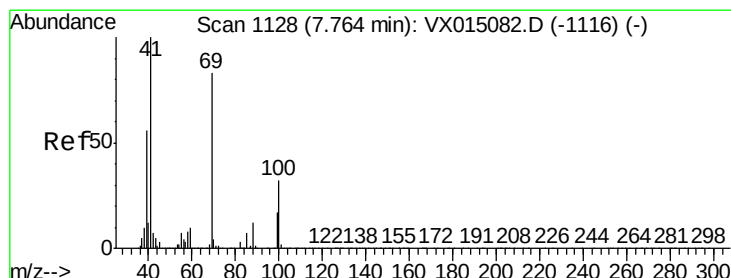
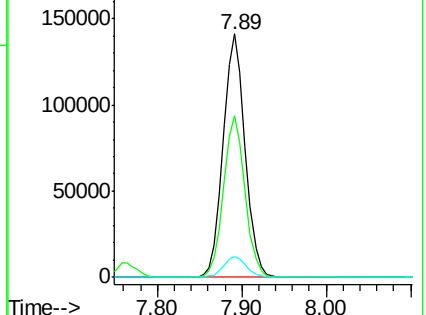
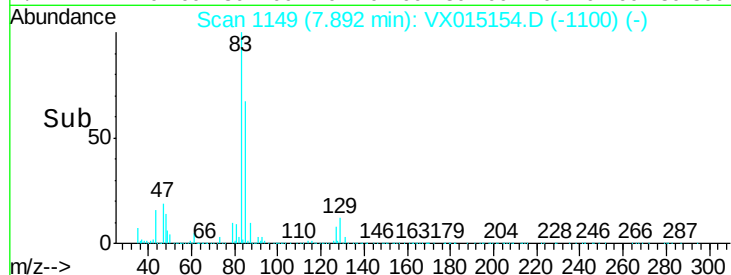
127 8.4 7.1 10.7



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): V



#48

Methyl methacrylate

Concen: 50.86 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

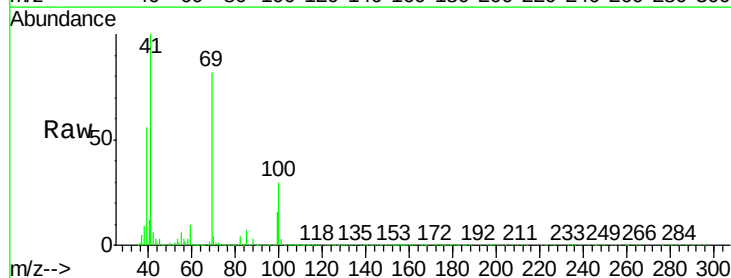
Tgt Ion: 41 Resp: 215091

Ion Ratio Lower Upper

41 100

69 82.4 65.4 98.2

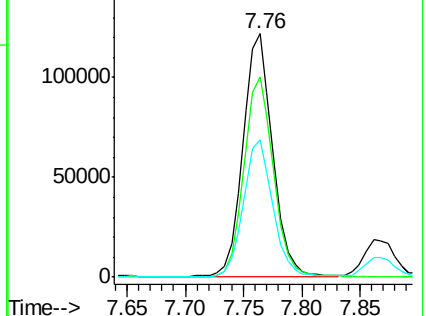
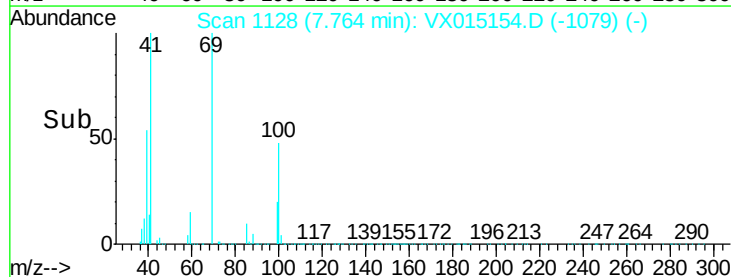
39 55.8 44.6 67.0

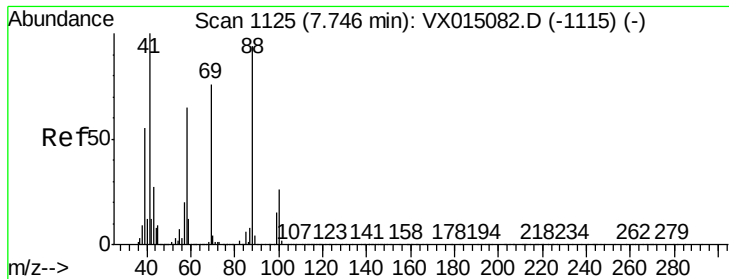


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

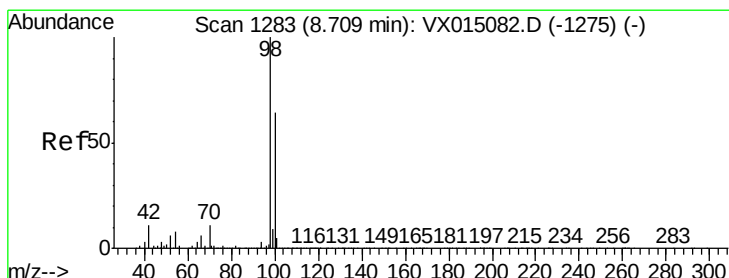
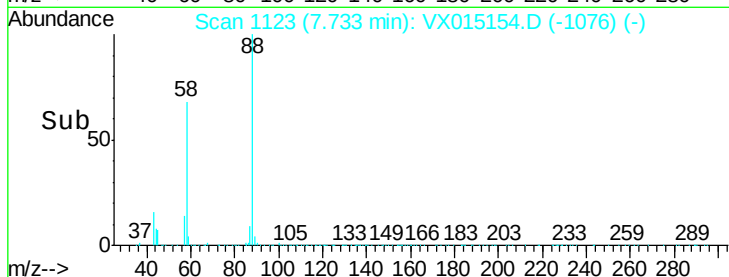
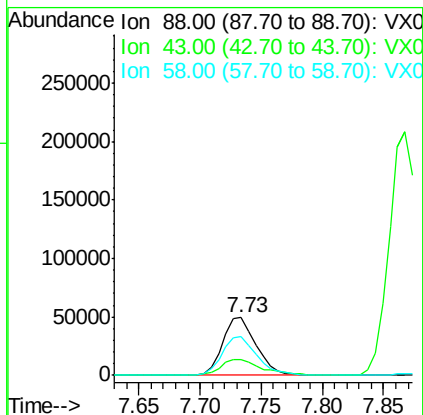
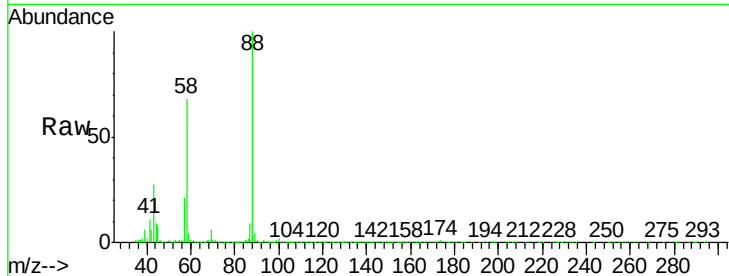




#49
1,4-Dioxane
Concen: 1024.79 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

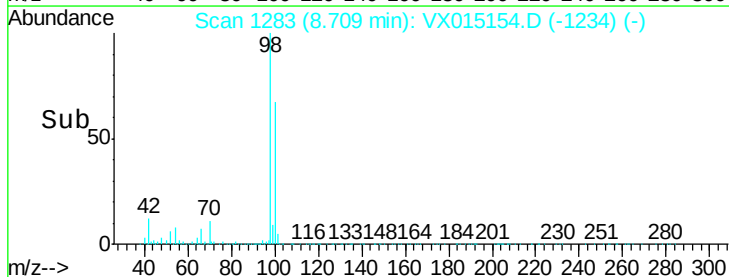
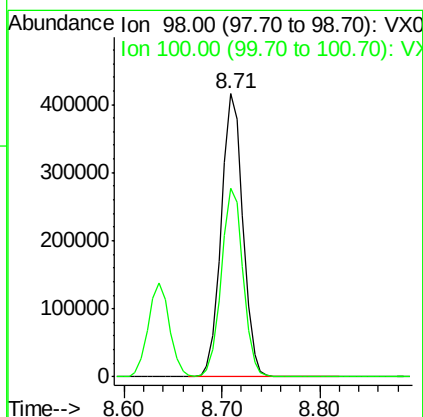
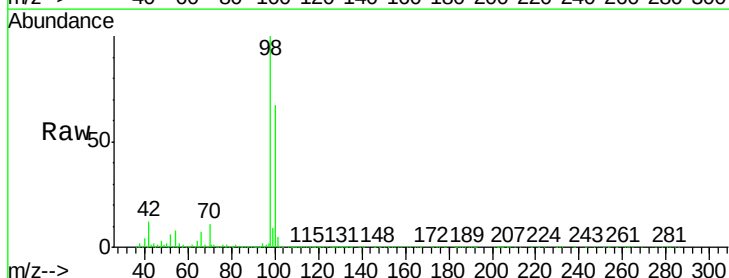
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

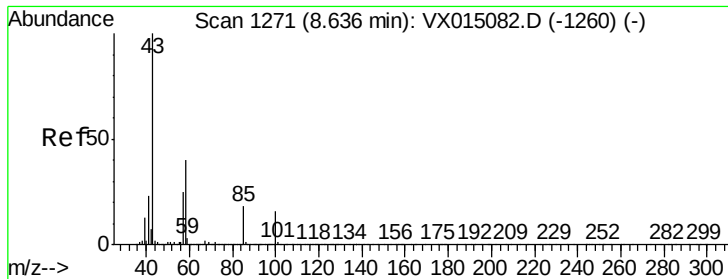
Tgt Ion: 88 Resp: 93698
Ion Ratio Lower Upper
88 100
43 34.3 27.0 40.4
58 69.3 55.6 83.4



#50
Toluene-d8
Concen: 48.31 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 98 Resp: 638458
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

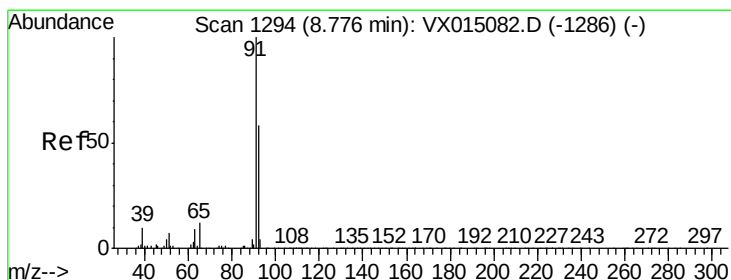
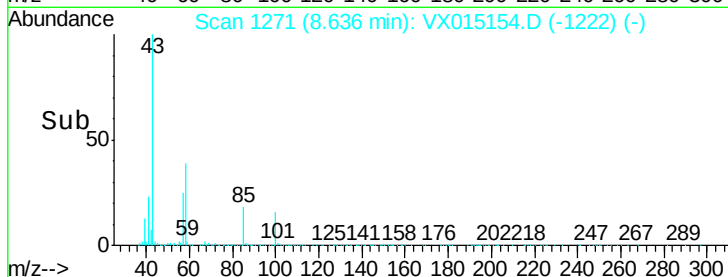
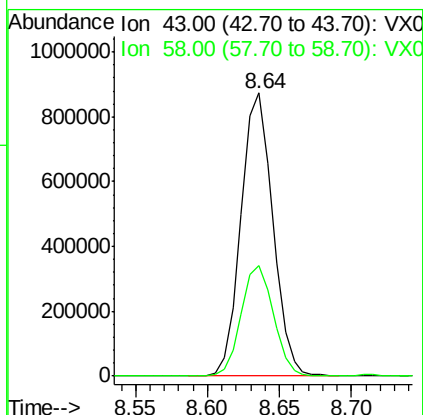
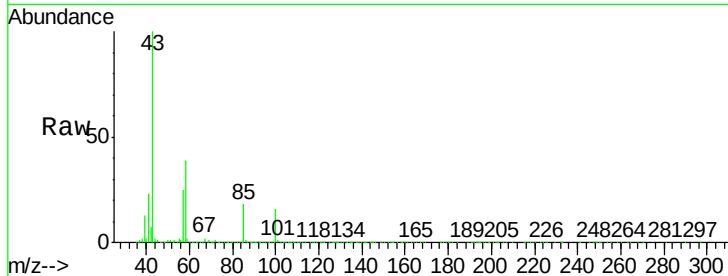




#51
 4-Methyl-2-Pentanone
 Concen: 273.02 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

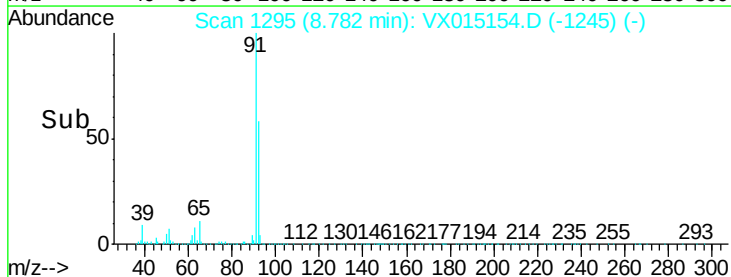
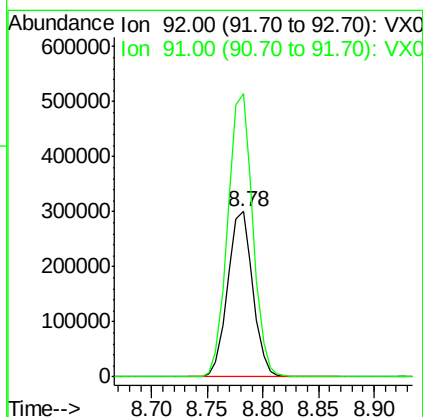
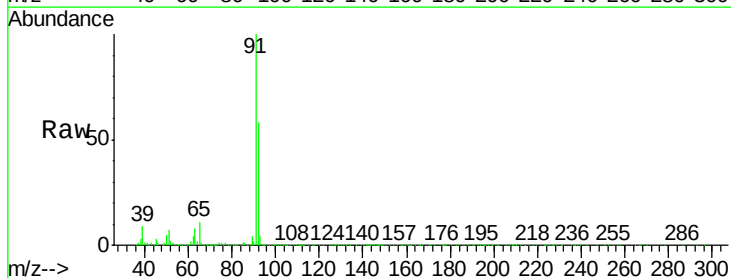
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

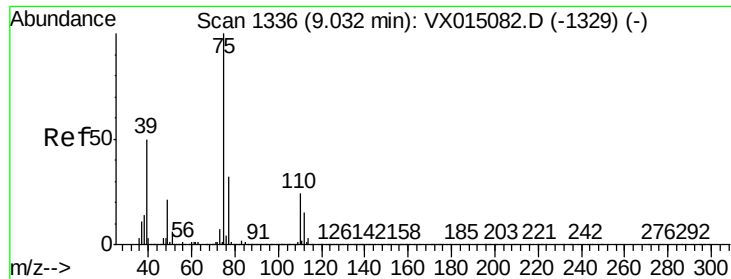
Tgt Ion: 43 Resp: 1341248
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4



#52
 Toluene
 Concen: 50.59 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion: 92 Resp: 467309
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.53 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

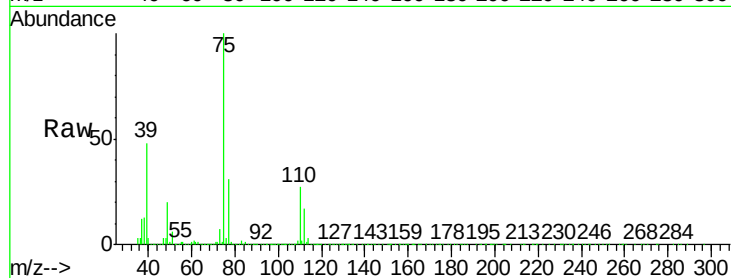
VSTDCCC050EC

Tgt Ion: 75 Resp: 276346

Ion Ratio Lower Upper

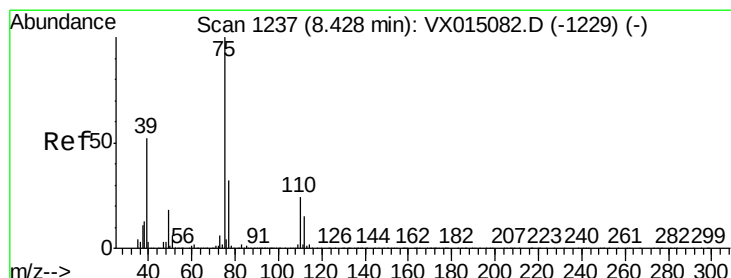
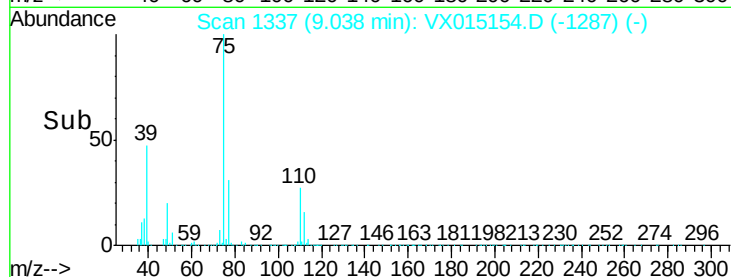
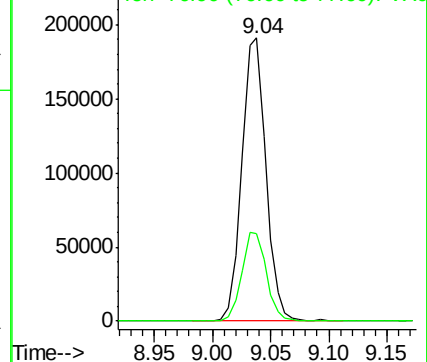
75 100

77 31.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.32 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

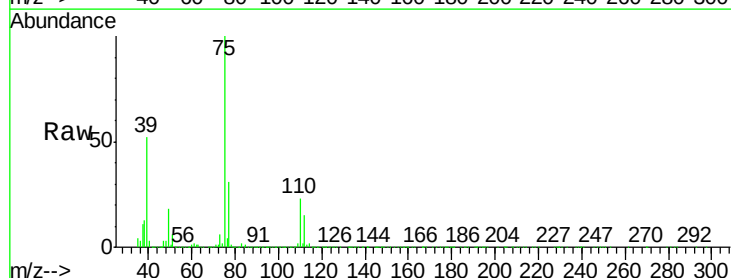
Tgt Ion: 75 Resp: 305091

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

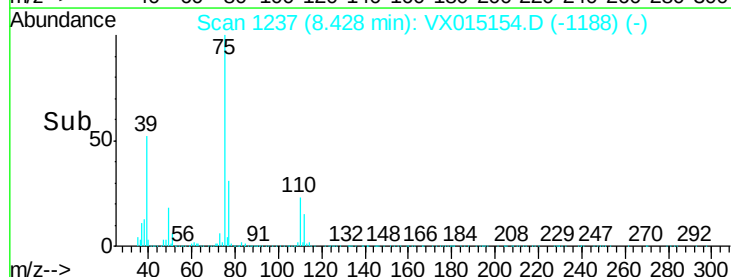
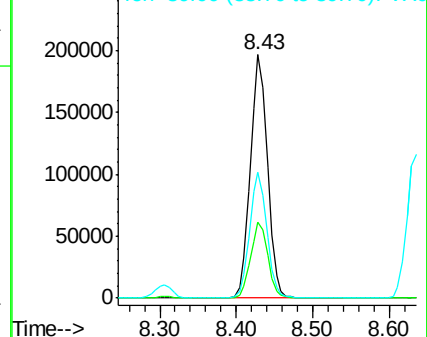
39 51.9 41.3 61.9

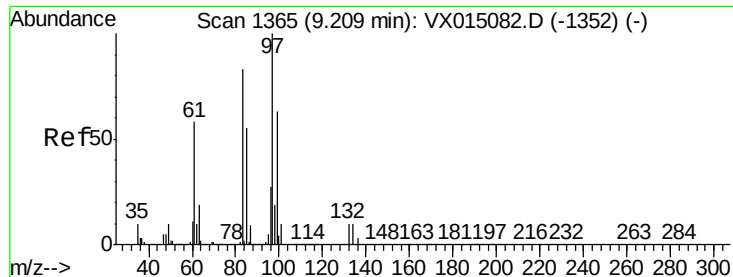


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

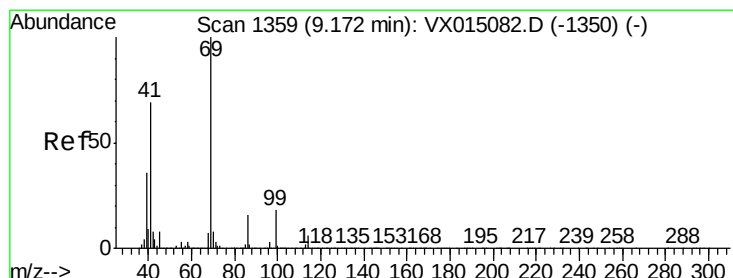
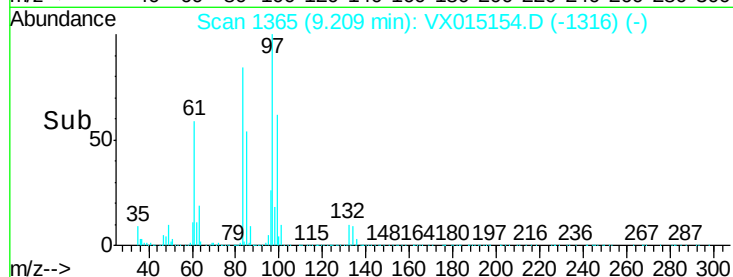
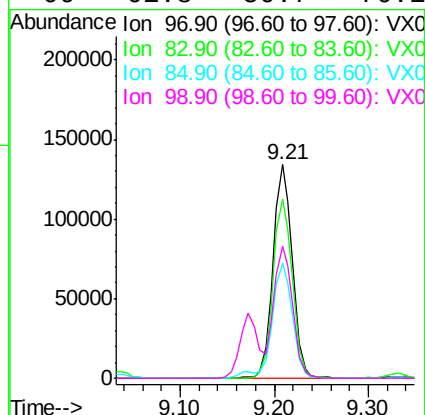
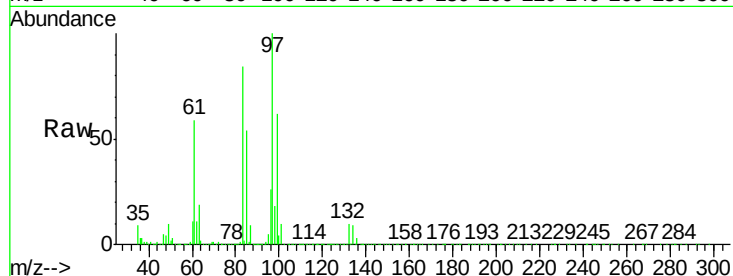




#55
 1,1,2-Trichloroethane
 Concen: 50.47 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

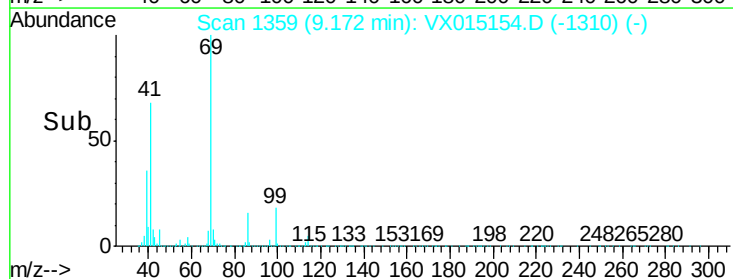
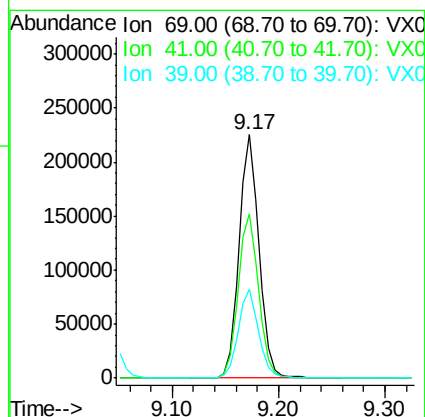
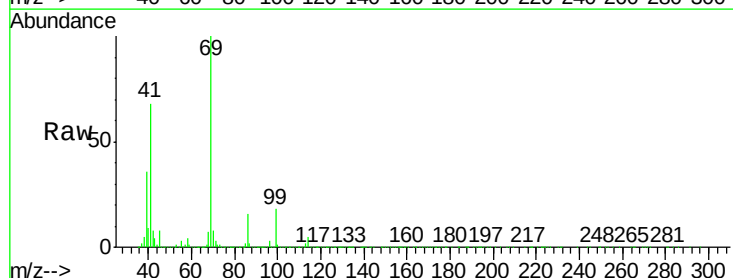
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

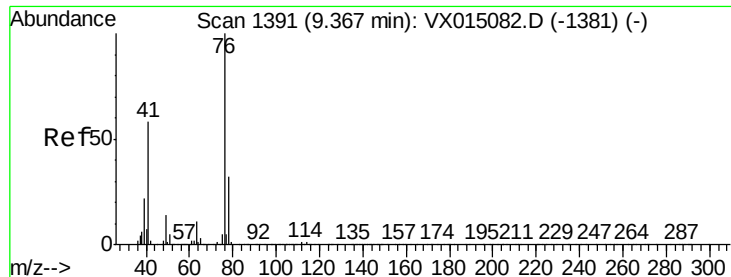
Tgt Ion:	97	Resp:	191887
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.4	99.6
85	53.8	43.5	65.3
99	61.8	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 54.55 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion:	69	Resp:	295818
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.8	83.8
39	36.9	29.4	44.2

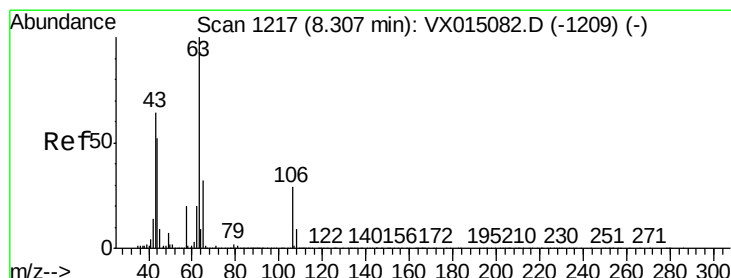
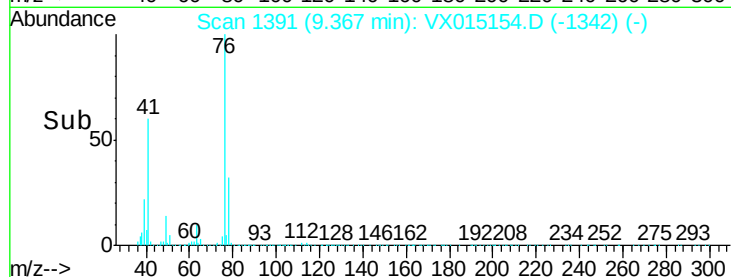
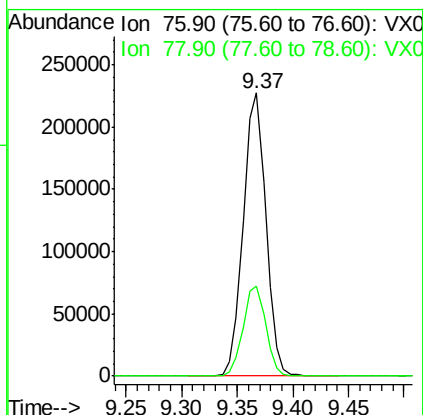
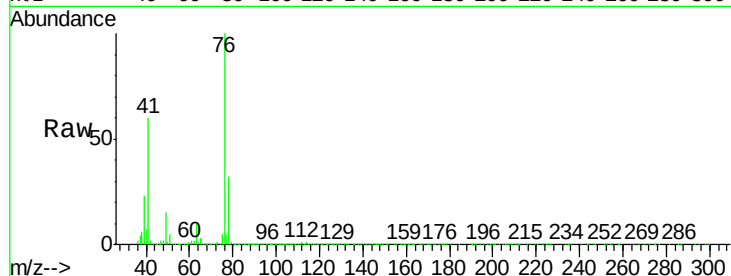




#57
 1,3-Dichloropropane
 Concen: 50.32 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

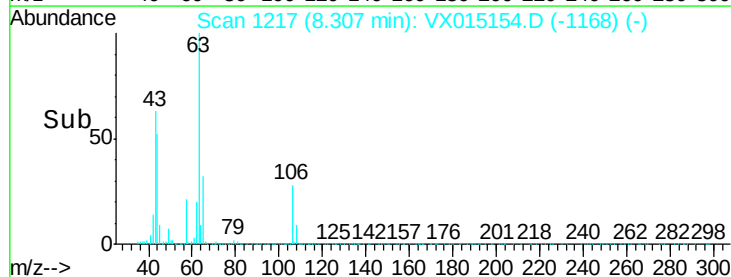
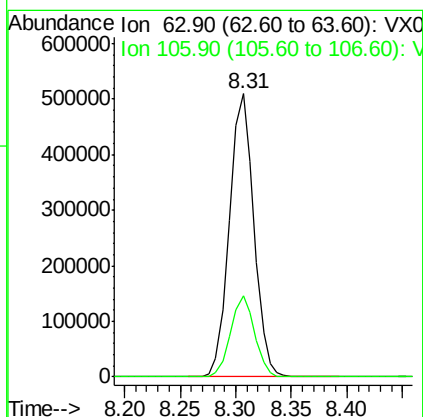
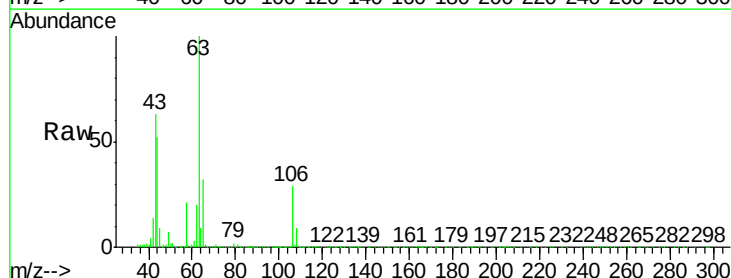
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

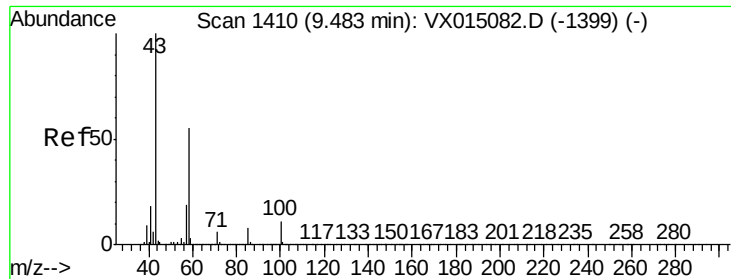
Tgt Ion: 76 Resp: 321861
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.98 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion: 63 Resp: 773919
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.8 34.2

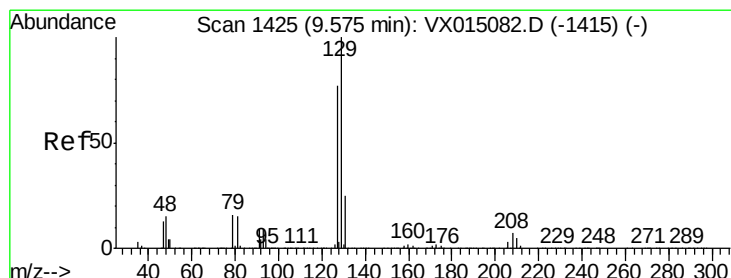
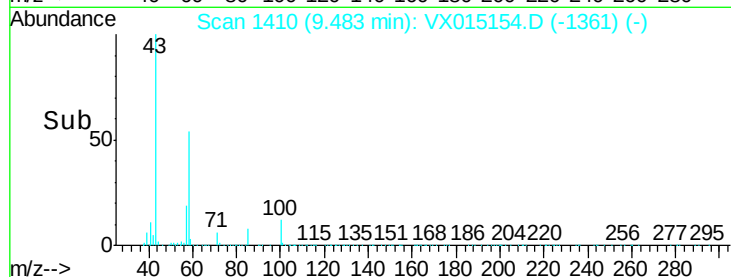
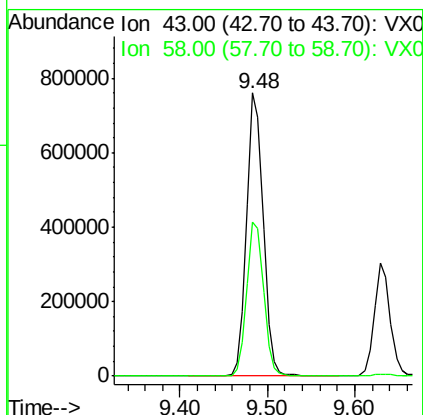
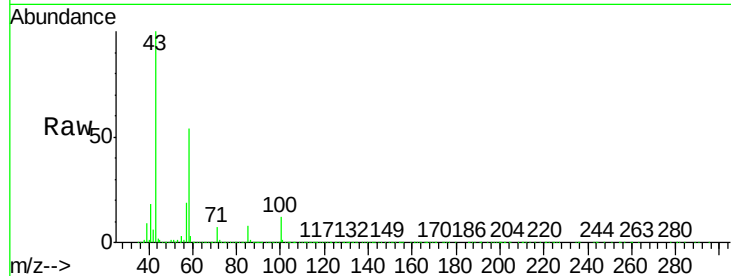




#59
2-Hexanone
Concen: 274.98 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

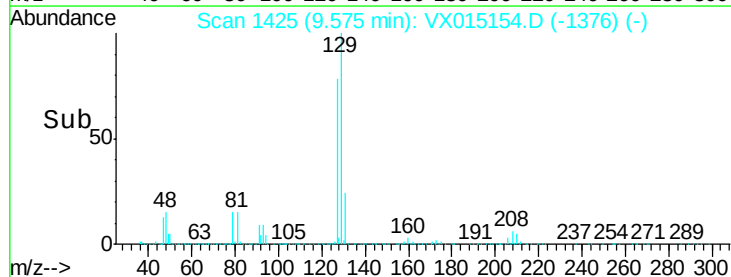
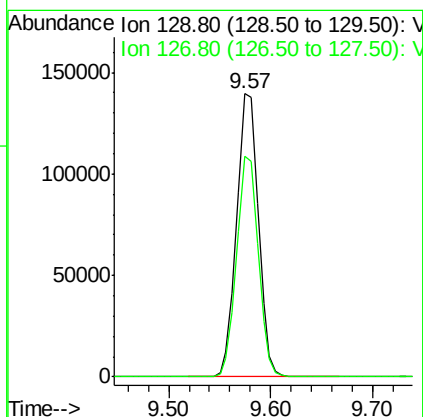
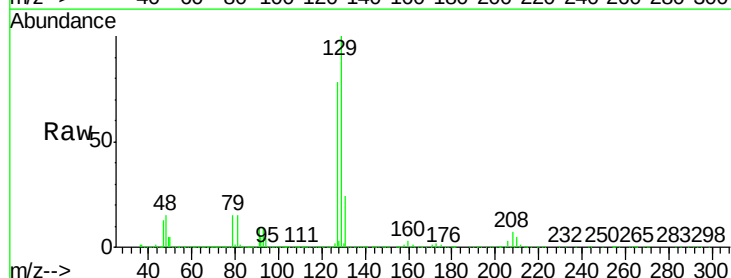
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

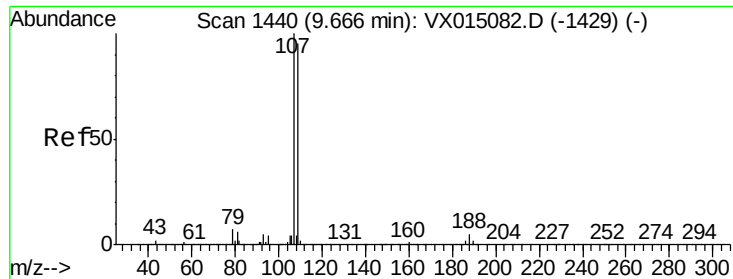
Tgt Ion: 43 Resp: 1001247
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8



#60
Dibromochloromethane
Concen: 51.50 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 129 Resp: 205660
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3

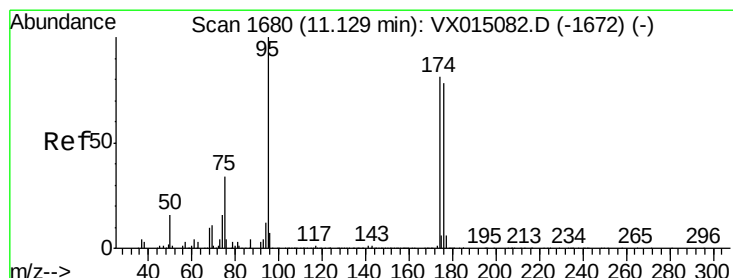
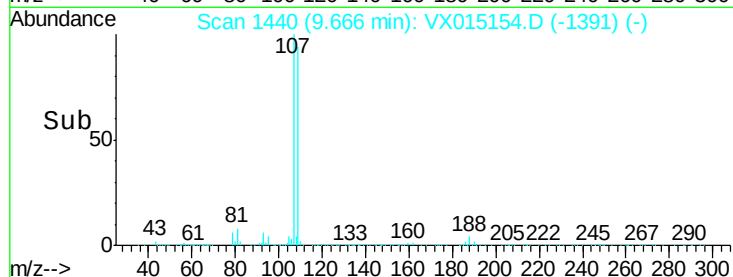
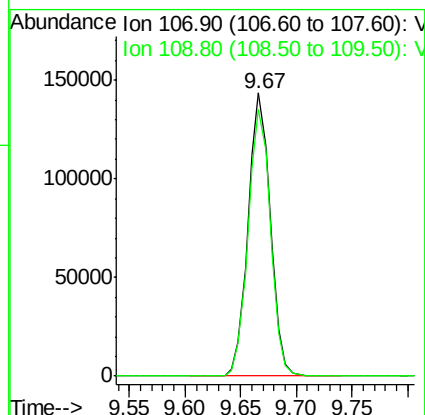
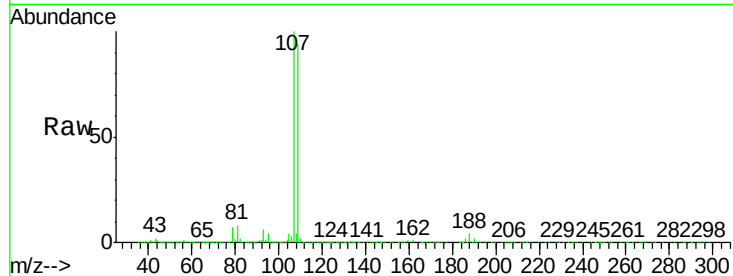




#61
 1,2-Dibromoethane
 Concen: 49.79 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

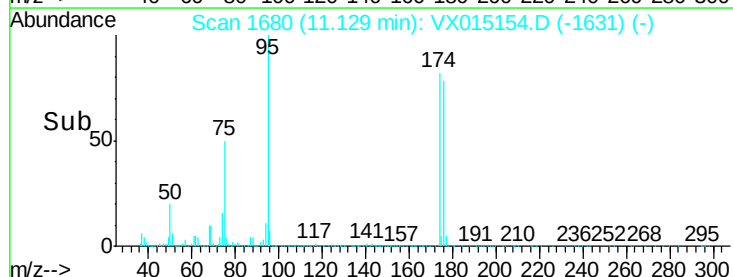
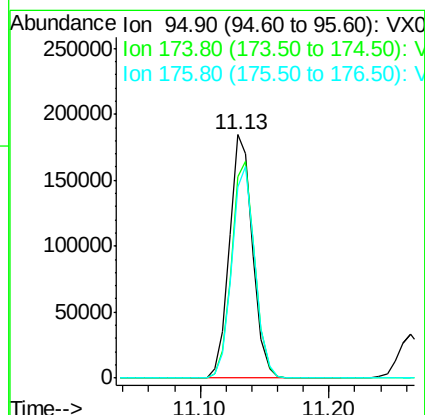
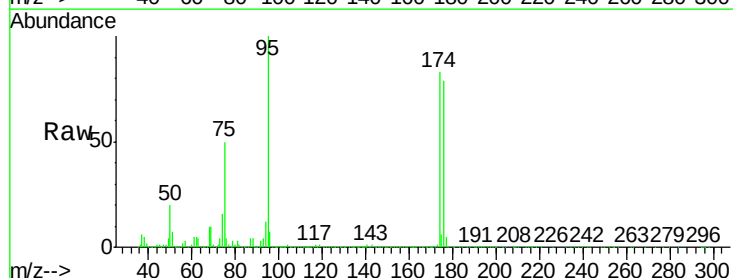
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

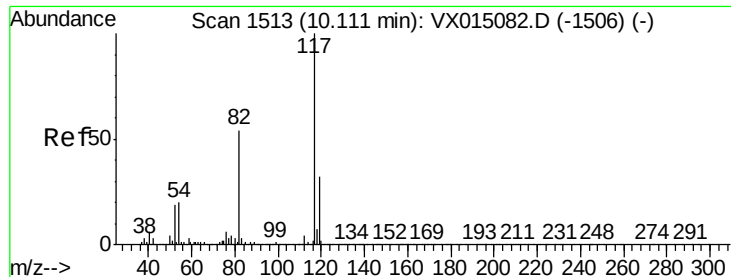
Tgt Ion: 107 Resp: 198816
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.47 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion: 95 Resp: 233222
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 177.6
 176 86.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

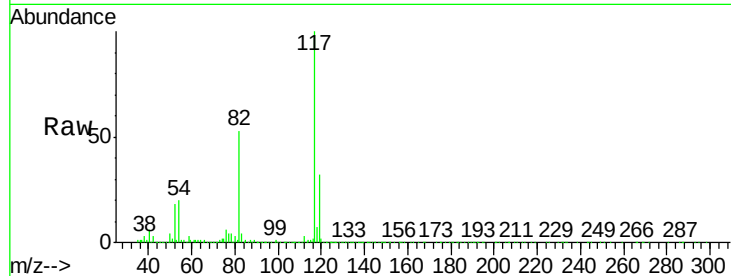
Tgt Ion:117 Resp: 511725

Ion Ratio Lower Upper

117 100

82 53.2 43.3 64.9

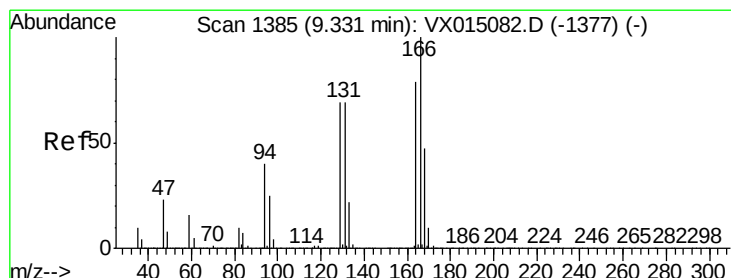
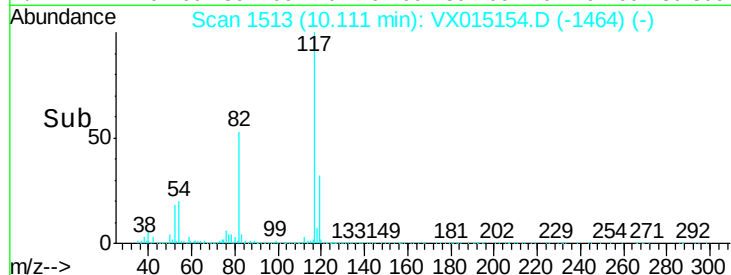
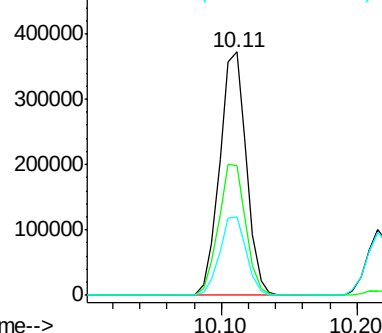
119 32.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.96 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:164 Resp: 198705

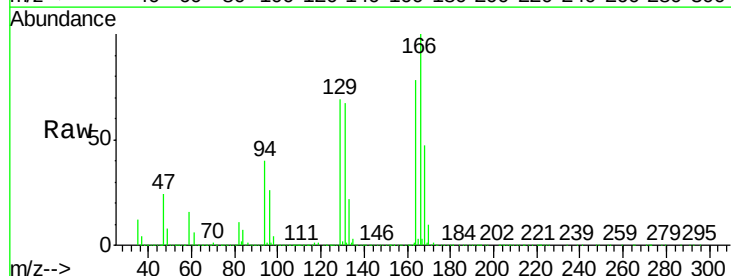
Ion Ratio Lower Upper

164 100

166 128.1 101.1 151.7

129 88.4 69.4 104.0

131 85.3 69.8 104.8

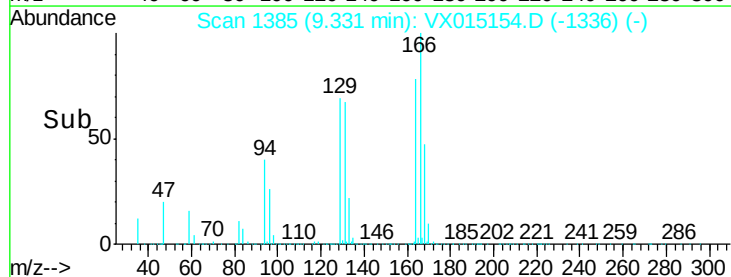
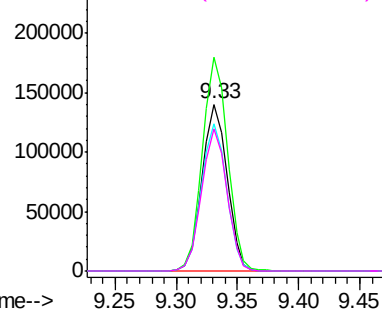


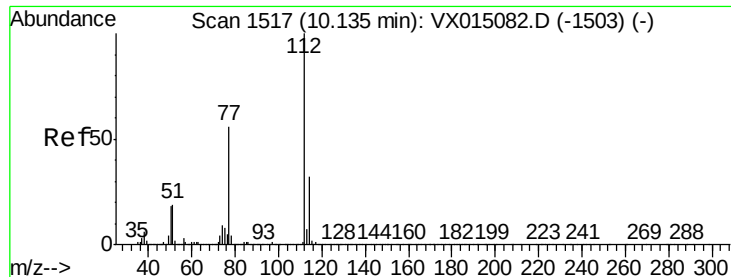
Abundance Ion 163.80 (163.50 to 164.50): V

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

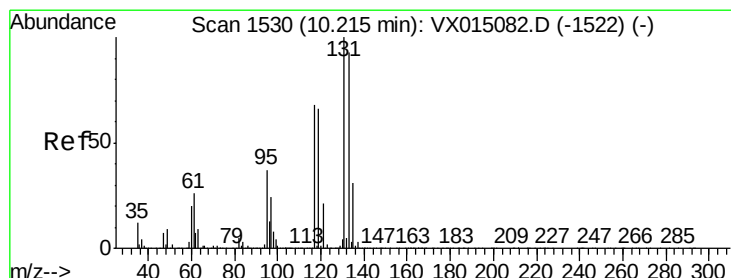
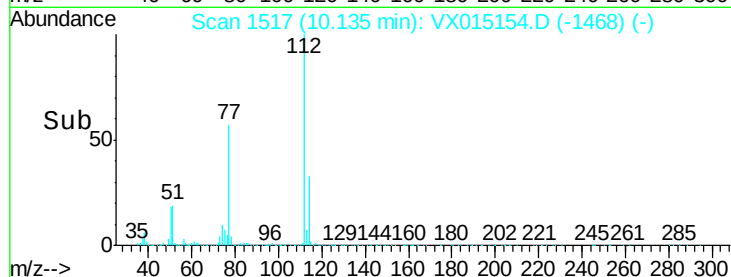
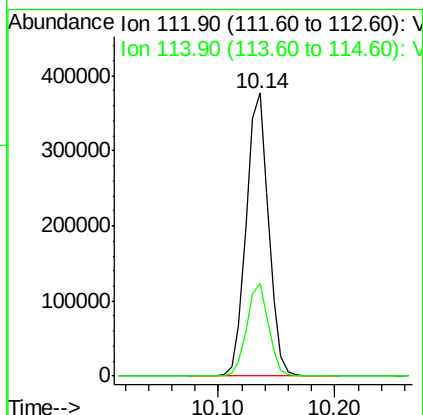
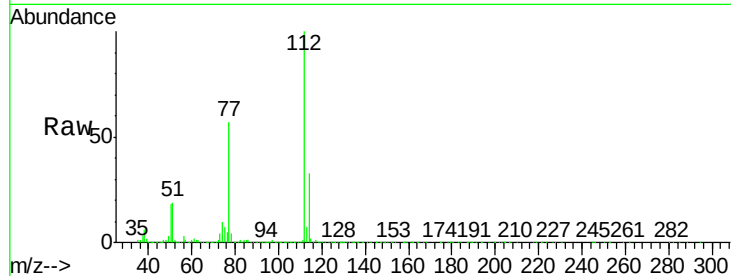




#65
Chlorobenzene
Concen: 49.20 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

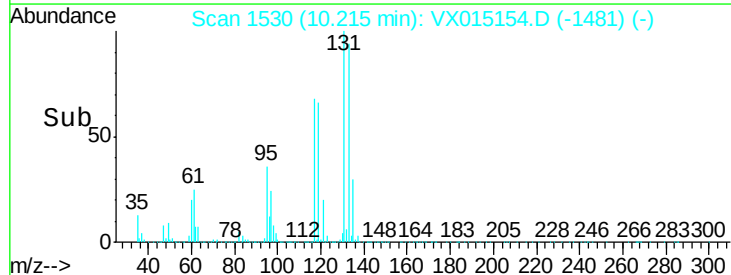
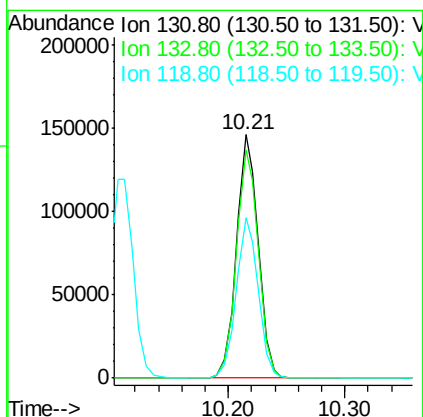
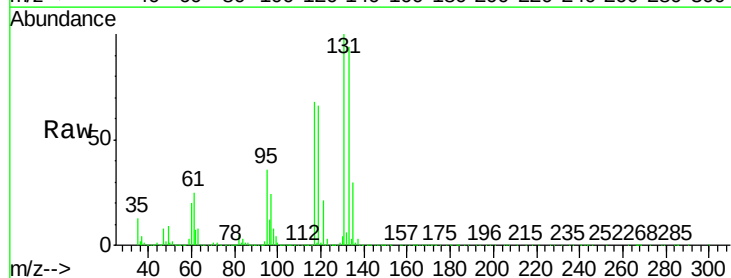
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

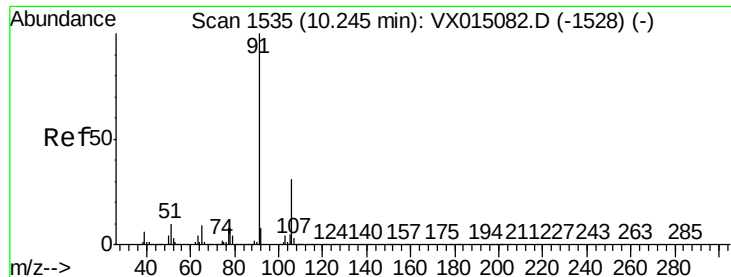
Tgt Ion:112 Resp: 505451
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.91 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:131 Resp: 189483
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 66.1 33.4 100.1





#67

Ethyl Benzene

Concen: 51.38 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

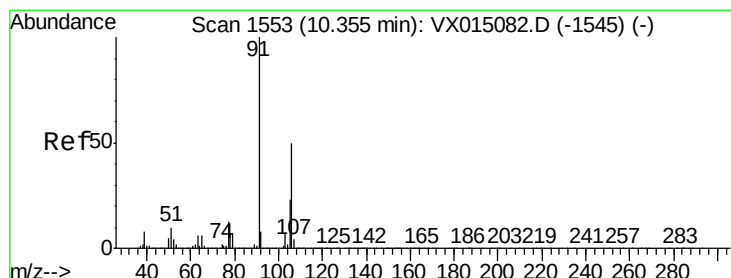
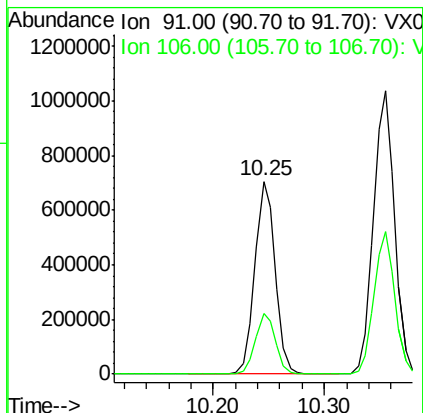
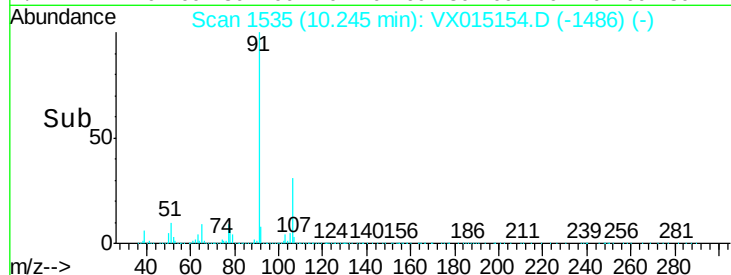
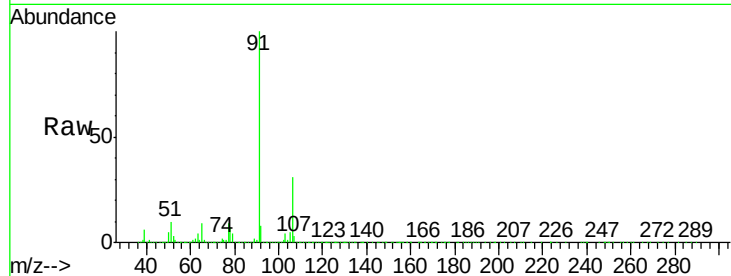
VSTDCCC050EC

Tgt Ion: 91 Resp: 896349

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 102.84 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015154.D

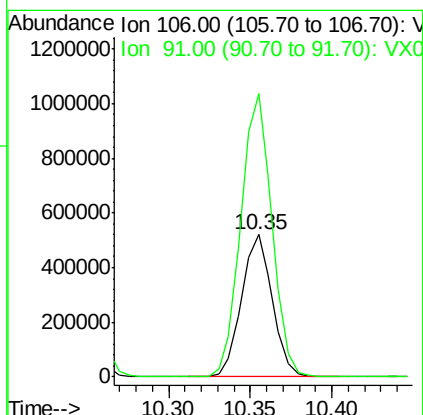
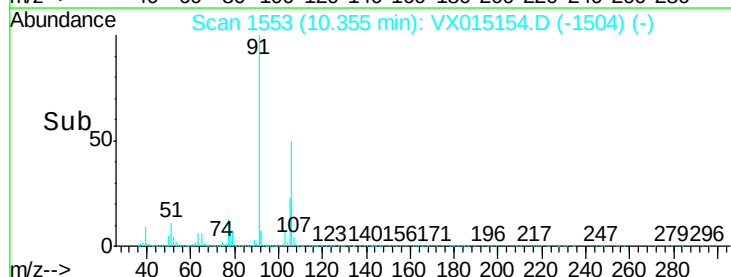
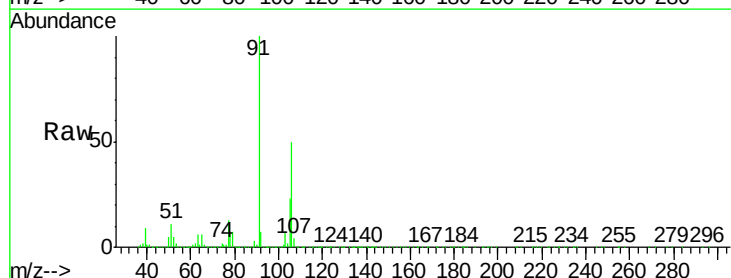
Acq: 09 Mar 2020 19:30

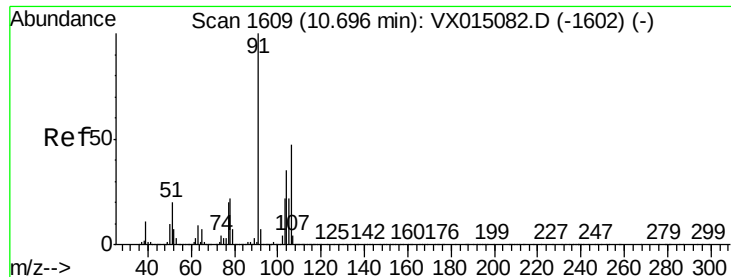
Tgt Ion: 106 Resp: 682583

Ion Ratio Lower Upper

106 100

91 201.2 159.4 239.2

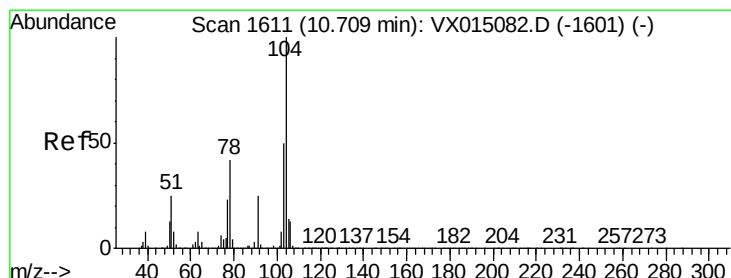
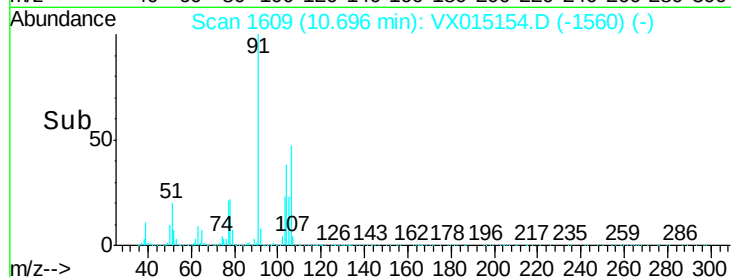
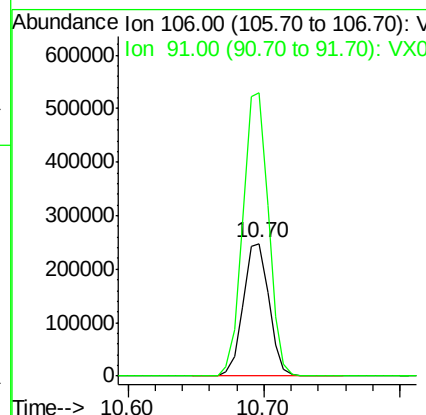
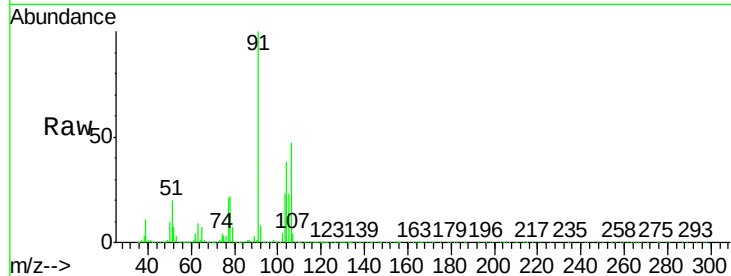




#69
o-Xylene
Concen: 51.46 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

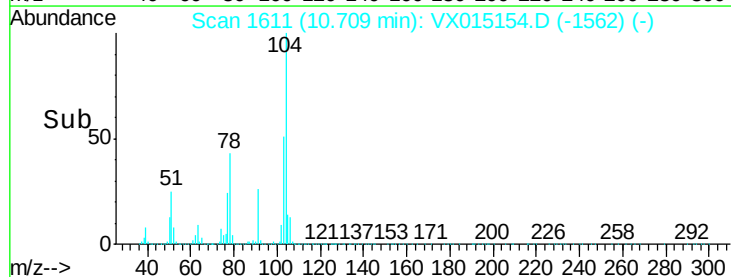
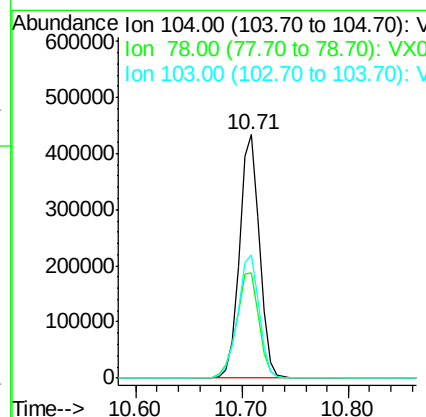
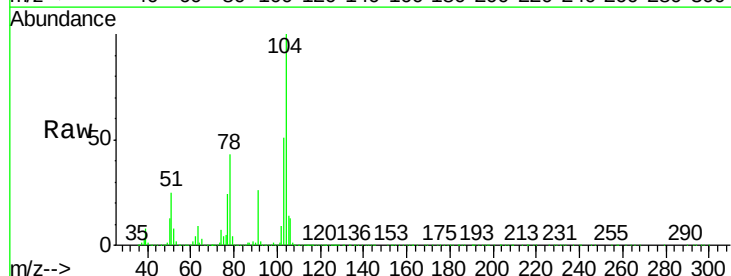
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

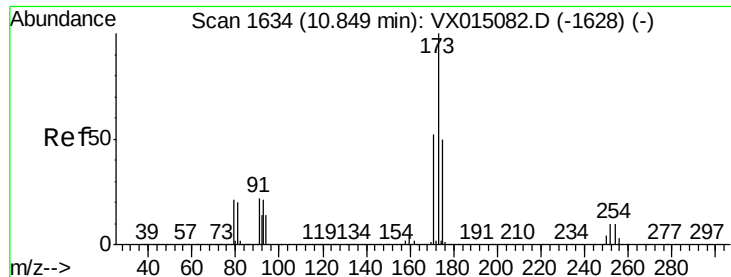
Tgt Ion:106 Resp: 327043
Ion Ratio Lower Upper
106 100
91 212.7 105.4 316.1



#70
Styrene
Concen: 52.35 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:104 Resp: 570375
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.5 43.7 65.5

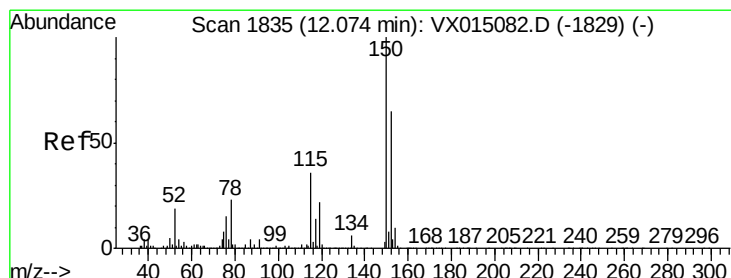
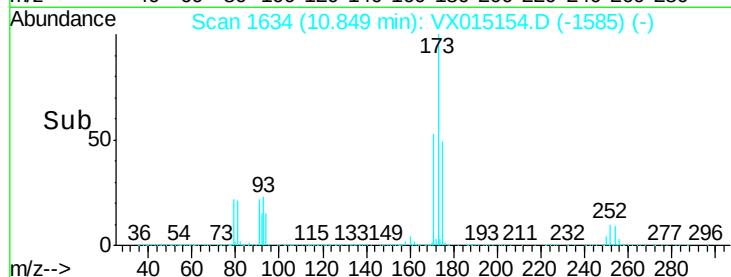
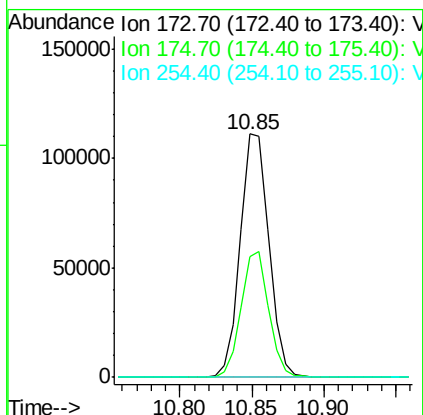
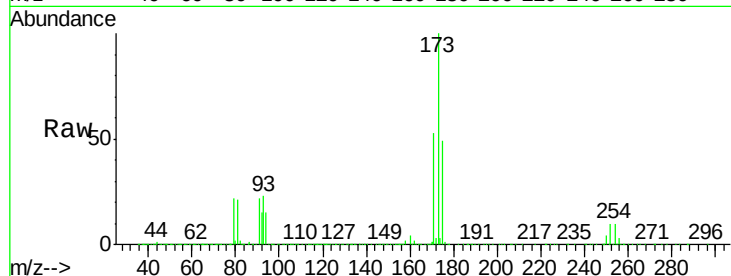




#71
Bromoform
Concen: 51.28 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

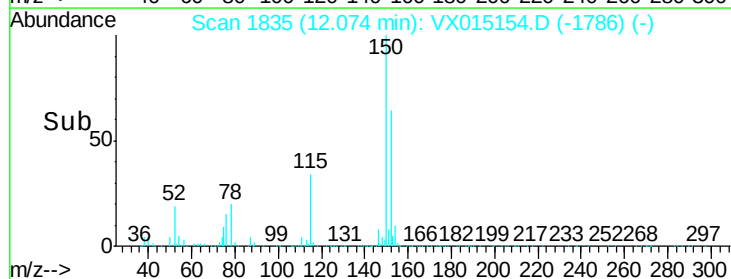
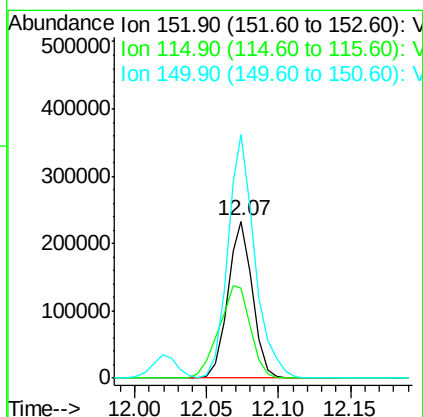
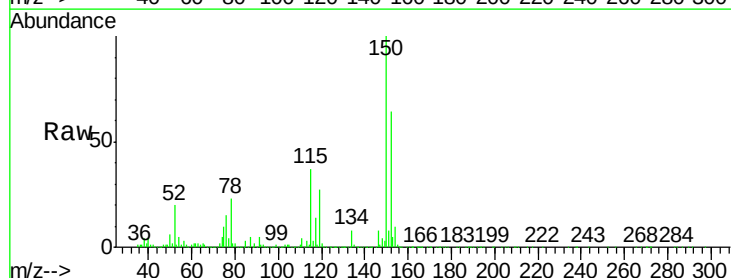
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

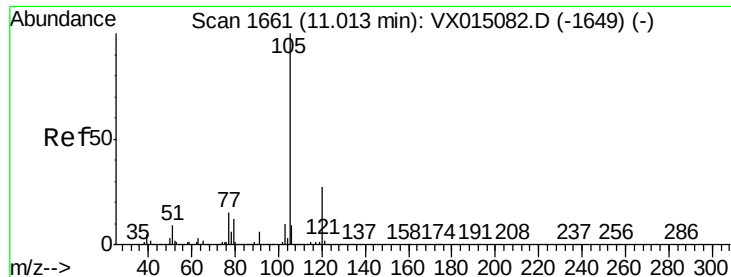
Tgt Ion:173 Resp: 154047
Ion Ratio Lower Upper
173 100
175 49.7 24.9 74.7
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:152 Resp: 278252
Ion Ratio Lower Upper
152 100
115 75.1 38.2 114.6
150 170.0 0.0 343.8





#73

Isopropylbenzene

Concen: 49.40 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

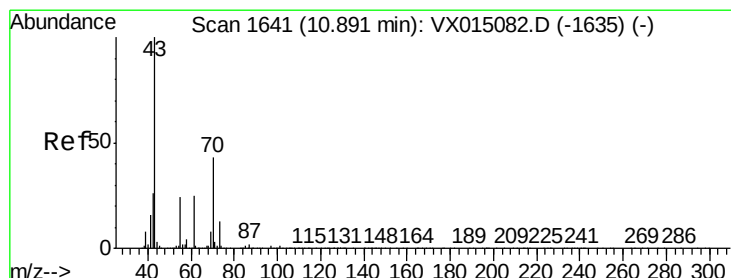
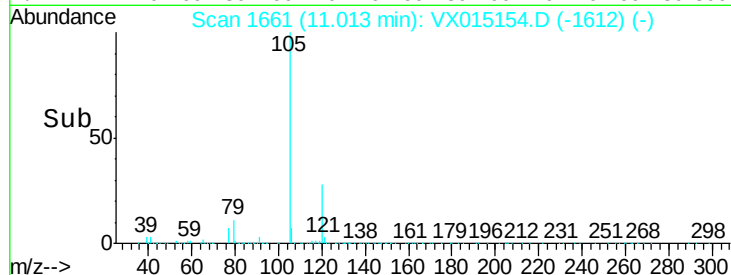
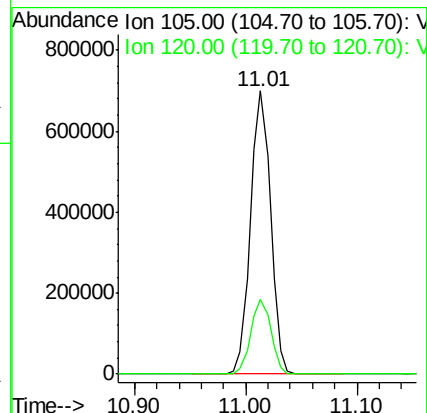
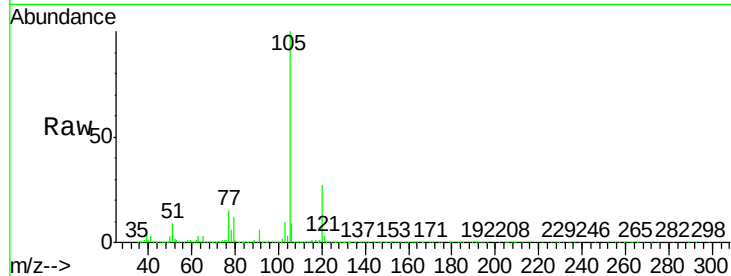
VSTDCCC050EC

Tgt Ion: 105 Resp: 878022

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



#74

N-ethyl acetate

Concen: 50.72 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion: 43 Resp: 379970

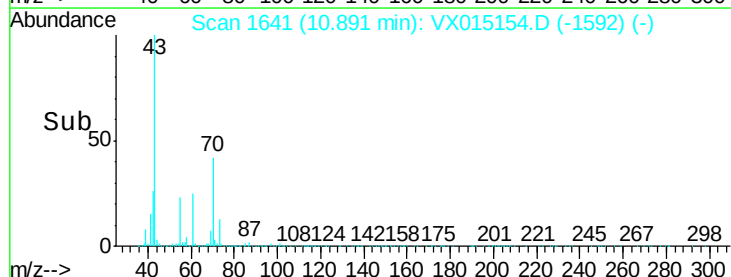
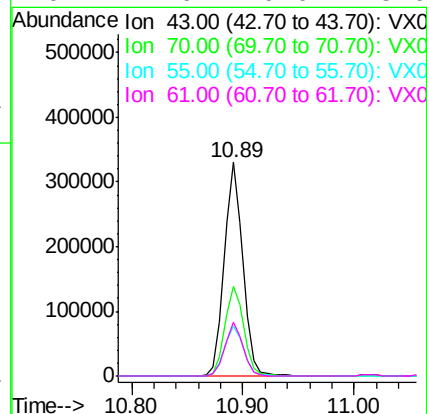
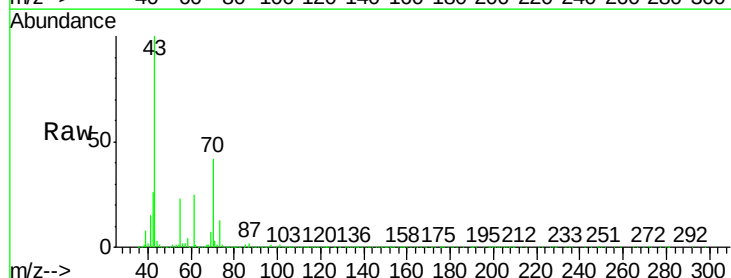
Ion Ratio Lower Upper

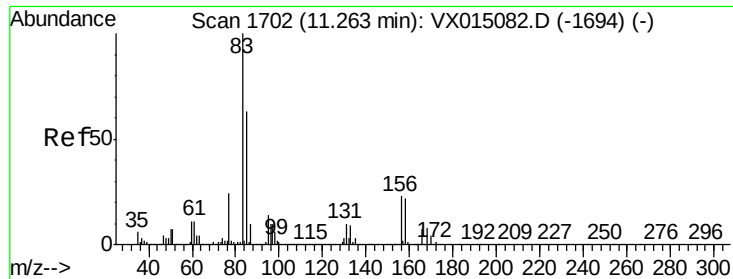
43 100

70 43.1 34.7 52.1

55 24.0 19.4 29.0

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.83 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

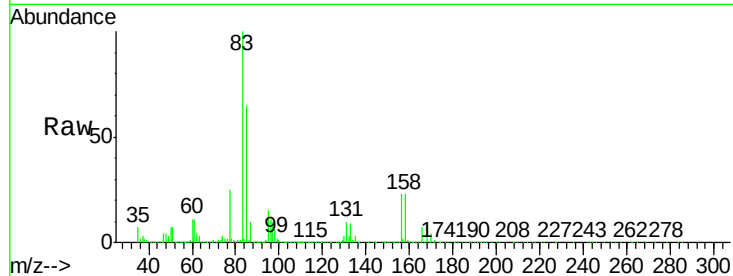
Tgt Ion: 83 Resp: 283344

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

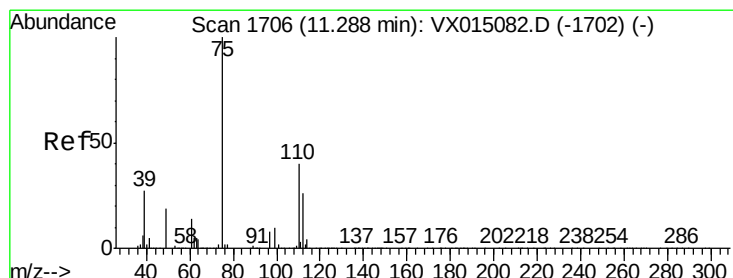
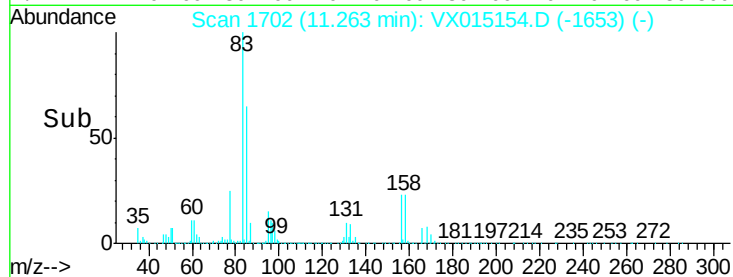
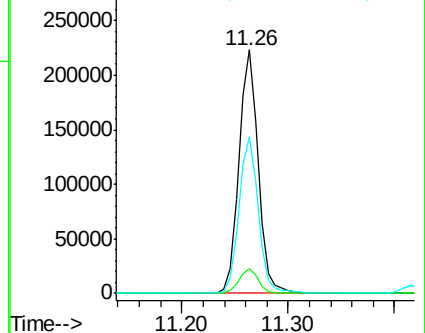
85 64.7 31.9 95.9



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: 58.49 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015154.D

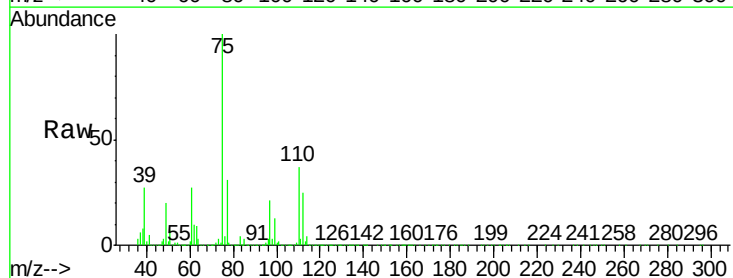
Acq: 09 Mar 2020 19:30

Tgt Ion: 75 Resp: 324634

Ion Ratio Lower Upper

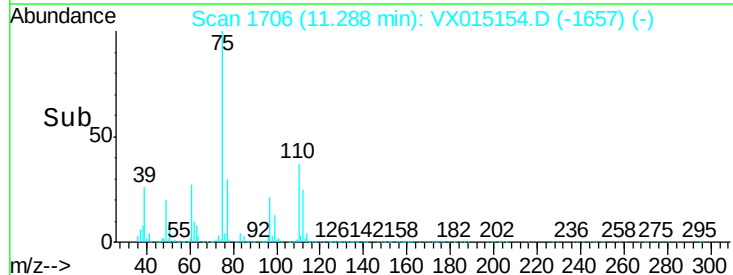
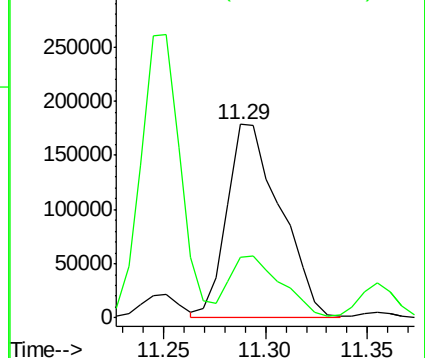
75 100

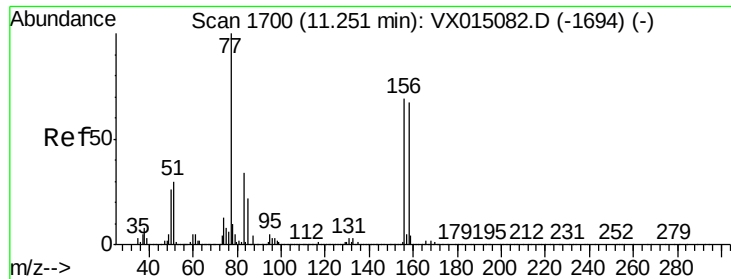
77 30.7 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.86 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

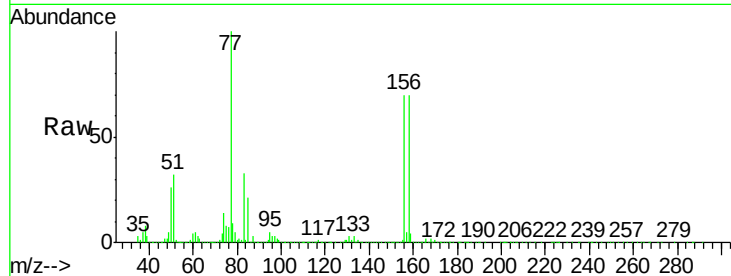
Tgt Ion:156 Resp: 232135

Ion Ratio Lower Upper

156 100

77 151.5 75.3 225.9

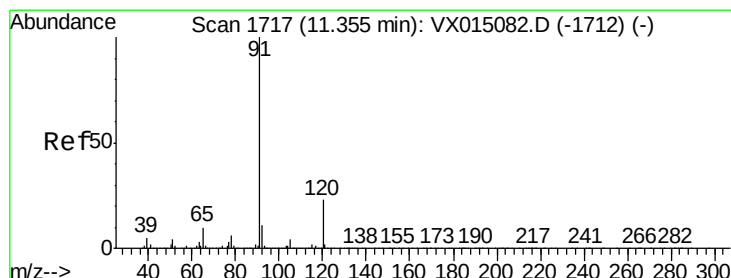
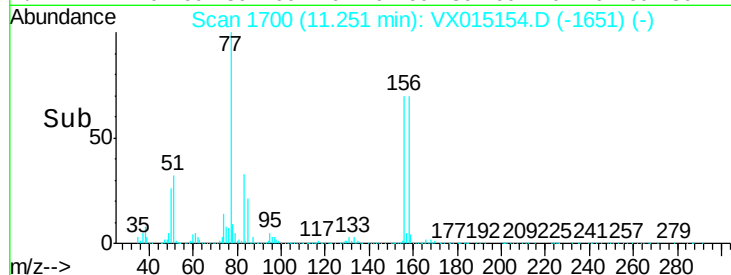
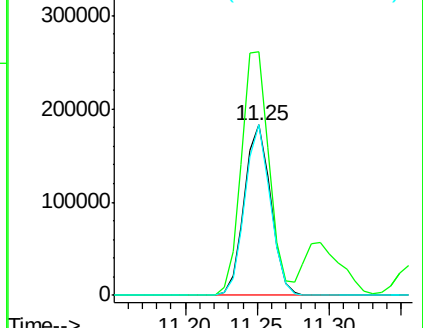
158 96.5 48.5 145.6



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



#78

n-propylbenzene

Concen: 49.86 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015154.D

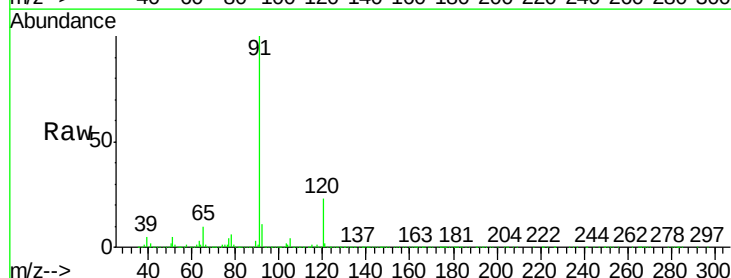
Acq: 09 Mar 2020 19:30

Tgt Ion: 91 Resp: 1012578

Ion Ratio Lower Upper

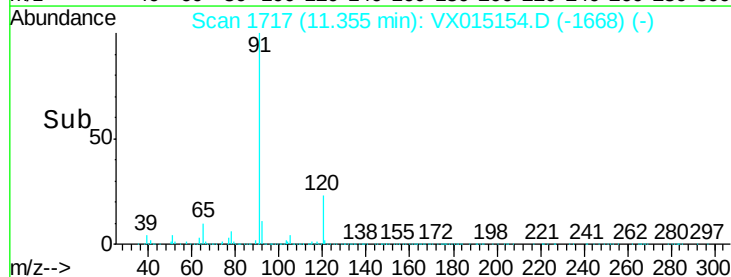
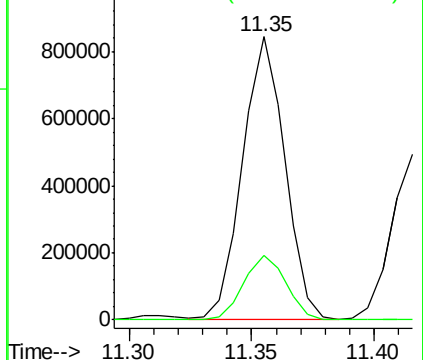
91 100

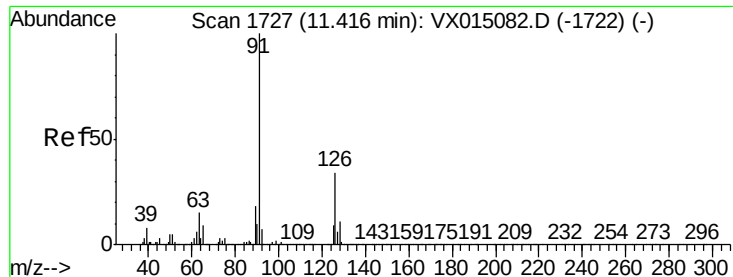
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.56 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

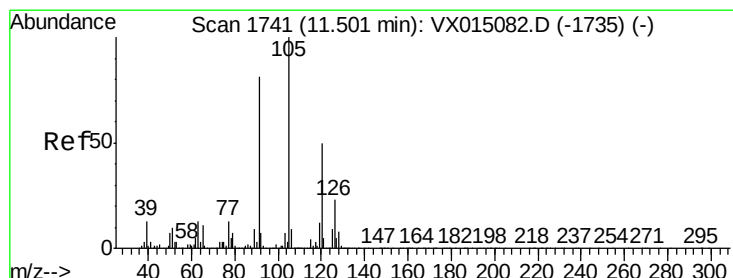
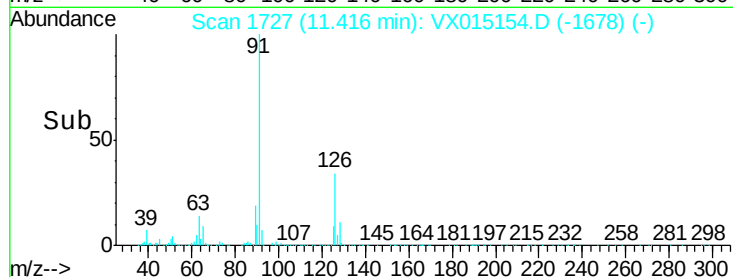
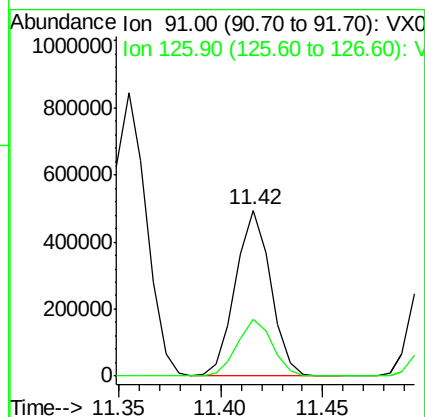
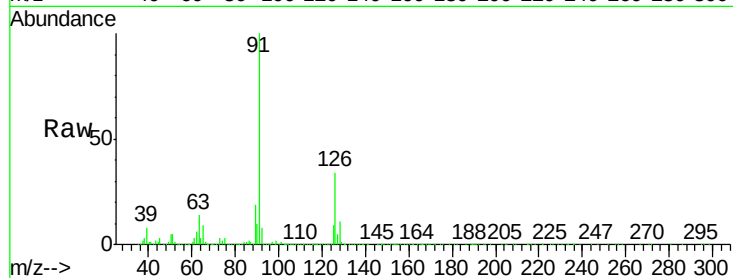
VSTDCCC050EC

Tgt Ion: 91 Resp: 588897

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 48.67 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015154.D

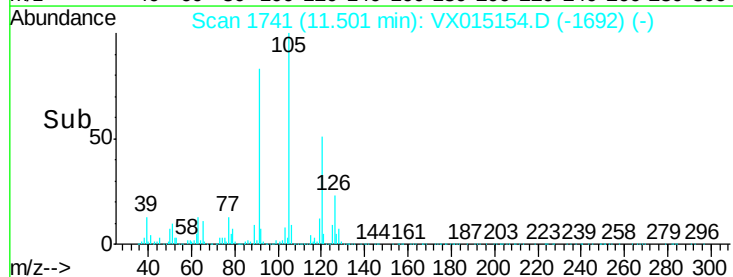
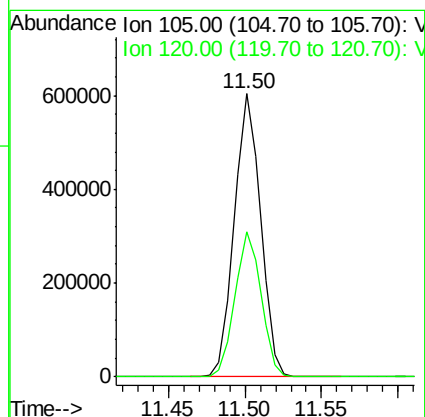
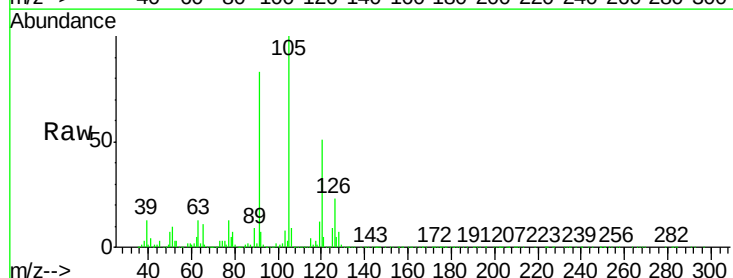
Acq: 09 Mar 2020 19:30

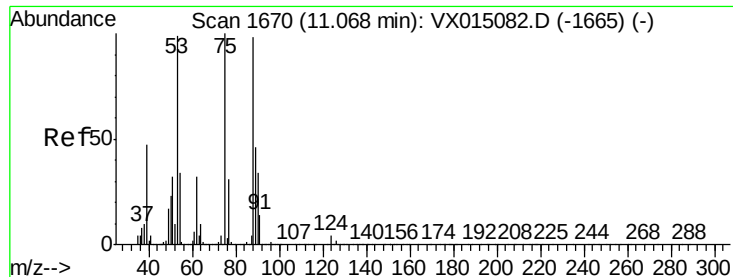
Tgt Ion: 105 Resp: 720199

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.02 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

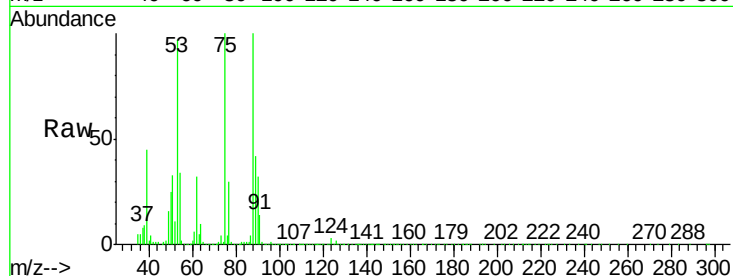
Tgt Ion: 75 Resp: 93919

Ion Ratio Lower Upper

75 100

53 99.5 77.9 116.9

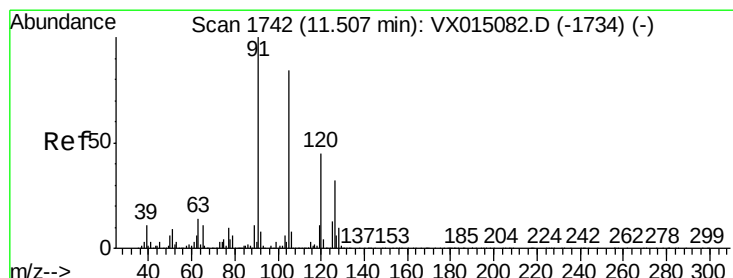
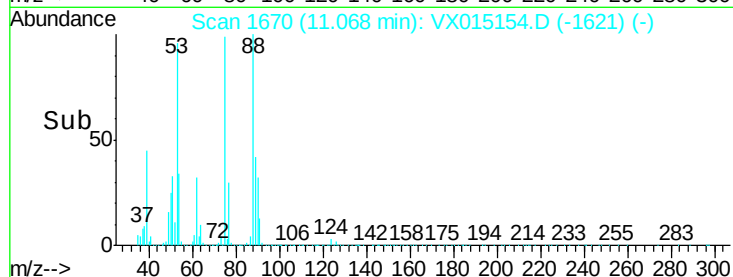
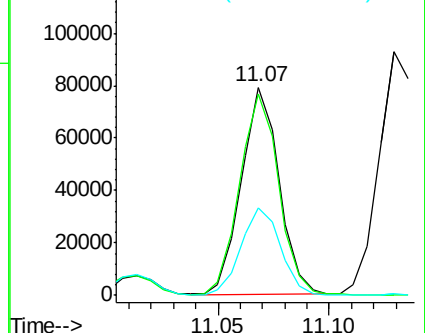
89 44.1 36.2 54.2



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: 48.09 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015154.D

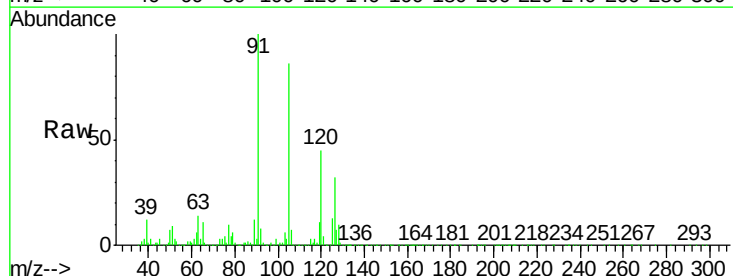
Acq: 09 Mar 2020 19:30

Tgt Ion: 91 Resp: 688995

Ion Ratio Lower Upper

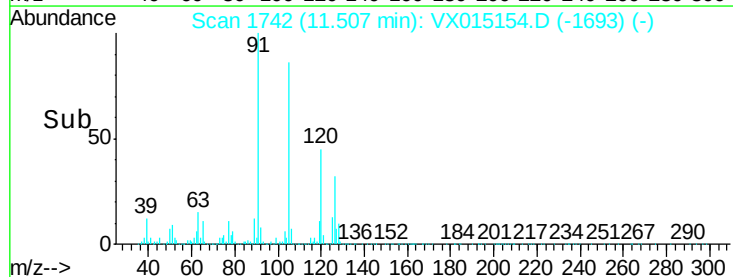
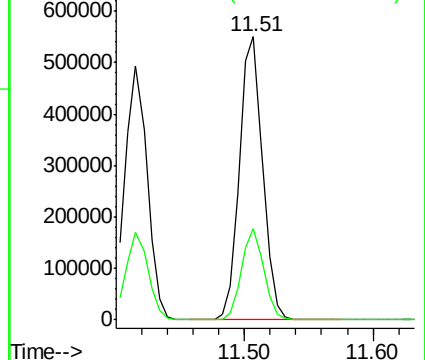
91 100

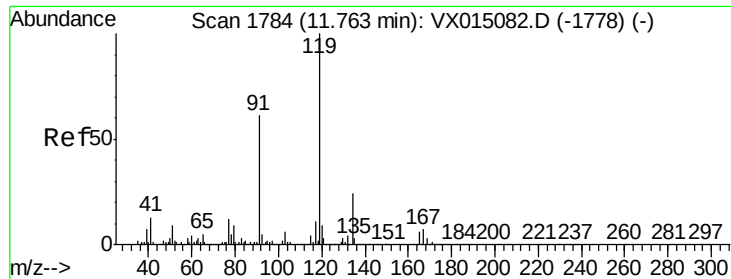
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

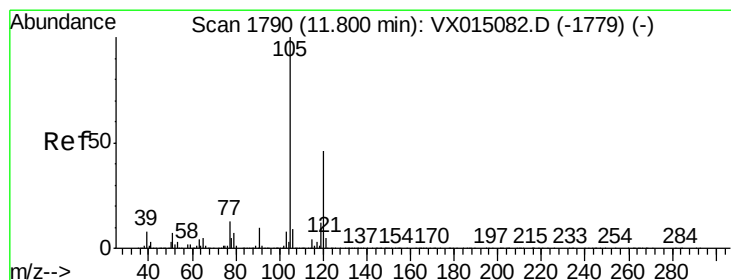
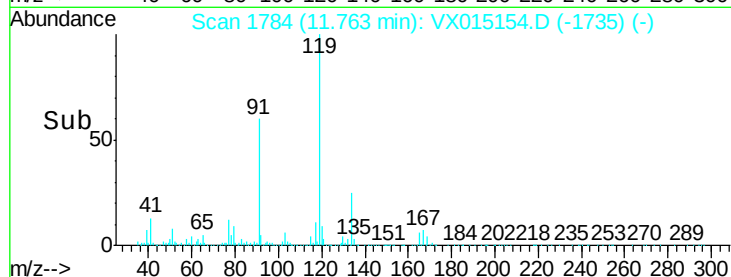
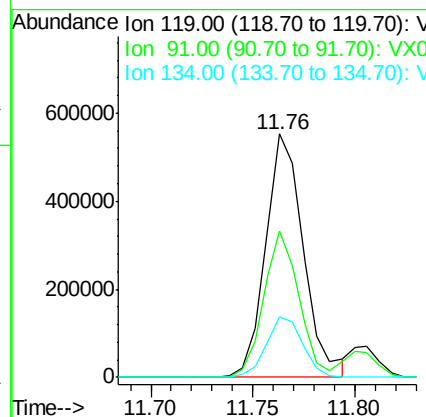
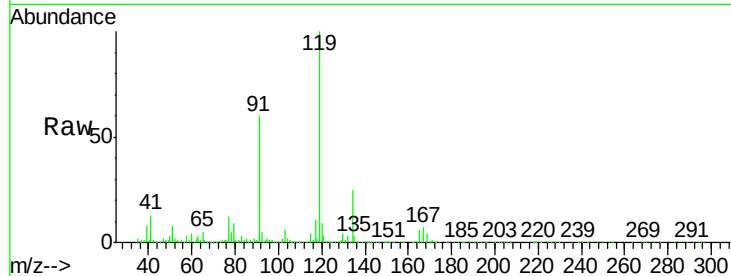




#83
 tert-Butylbenzene
 Concen: 49.99 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

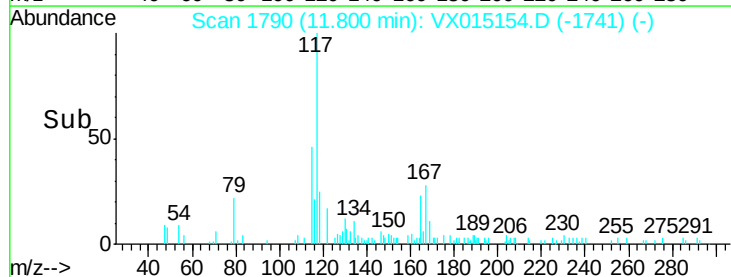
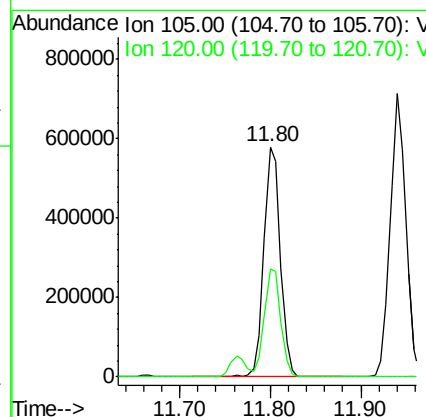
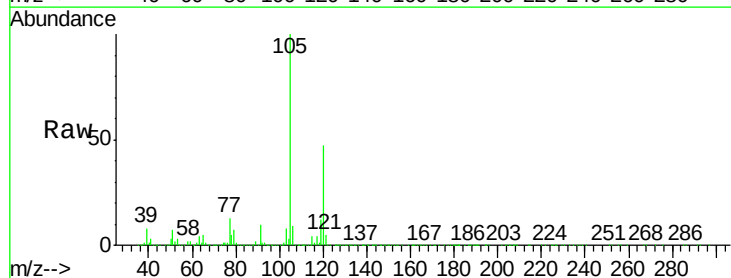
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

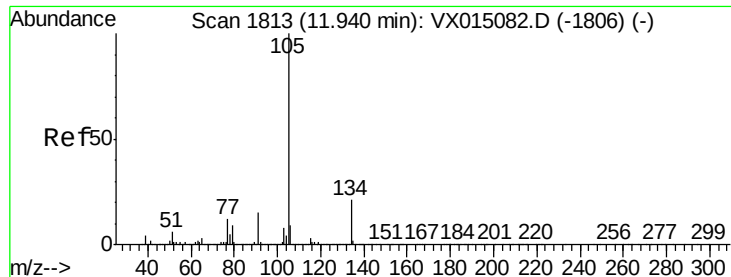
Tgt Ion:119 Resp: 715207
 Ion Ratio Lower Upper
 119 100
 91 55.5 28.5 85.6
 134 23.9 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.89 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion:105 Resp: 726785
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.5

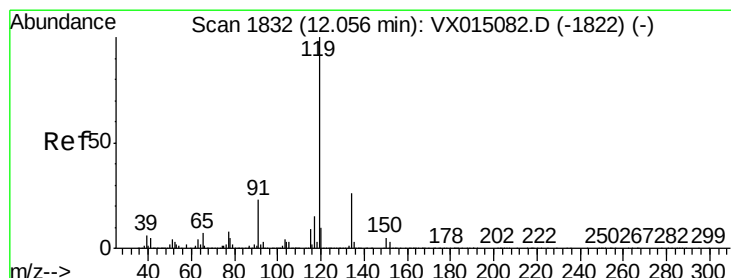
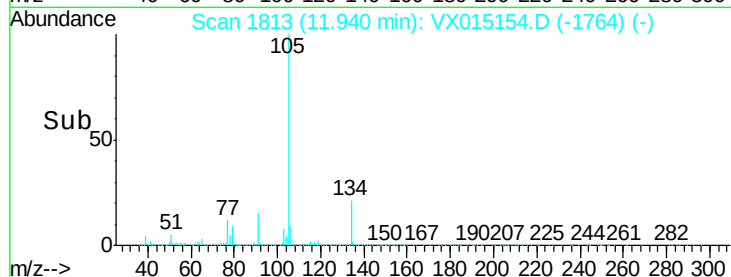
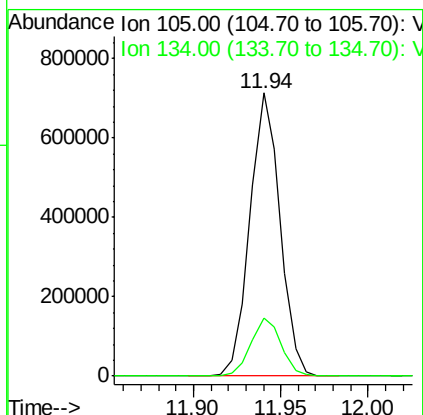
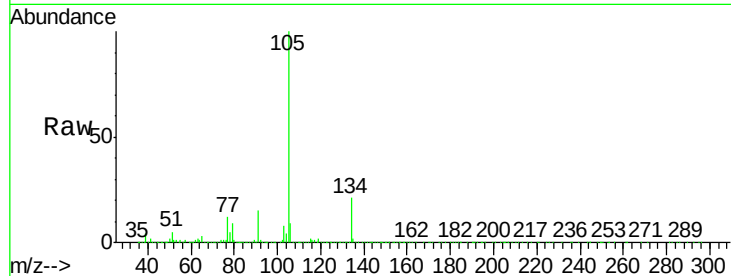




#85
 sec-Butylbenzene
 Concen: 49.38 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

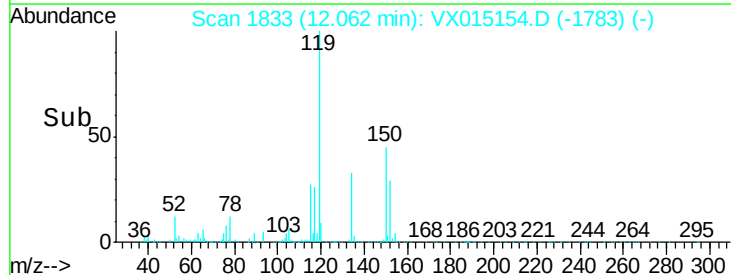
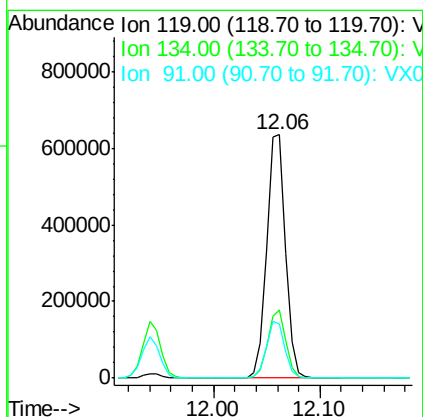
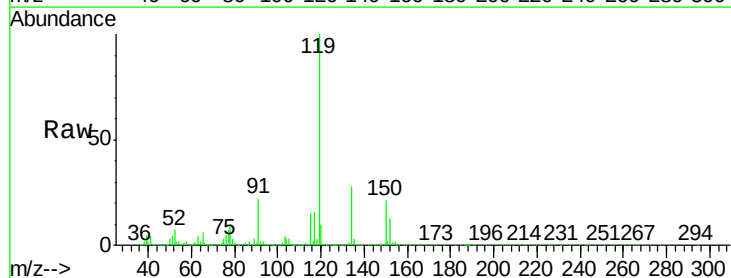
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

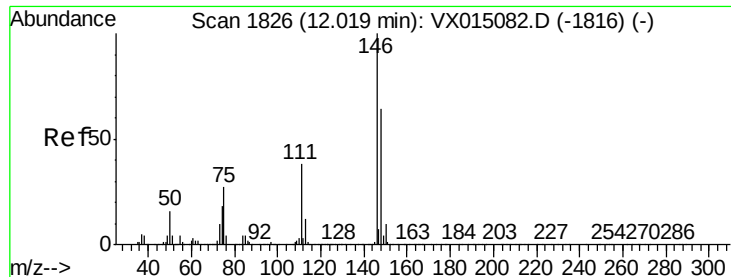
Tgt Ion:105 Resp: 852844
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.34 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion:119 Resp: 785192
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.19 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

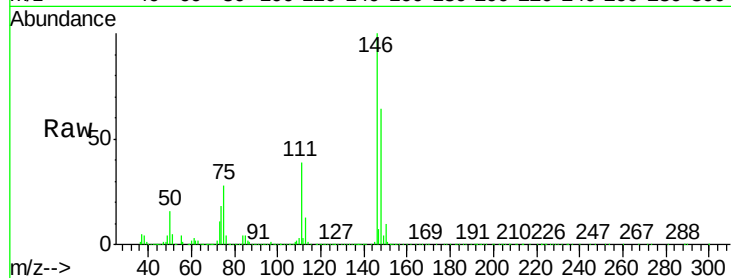
Tgt Ion:146 Resp: 410931

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.1

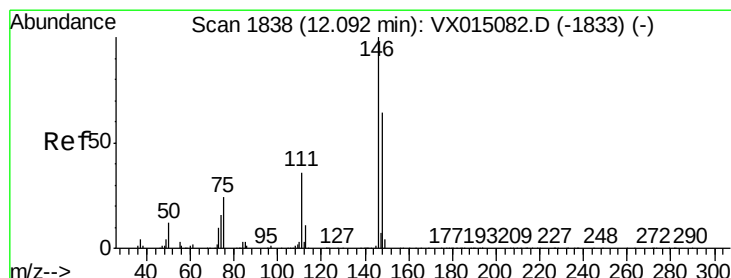
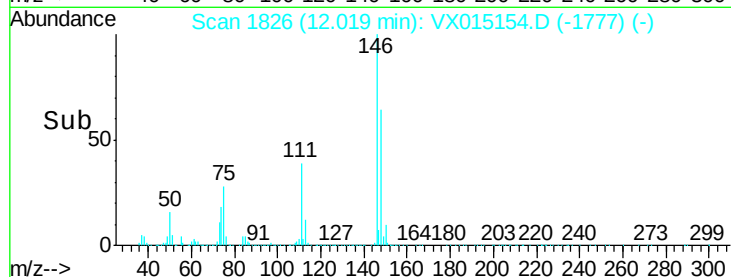
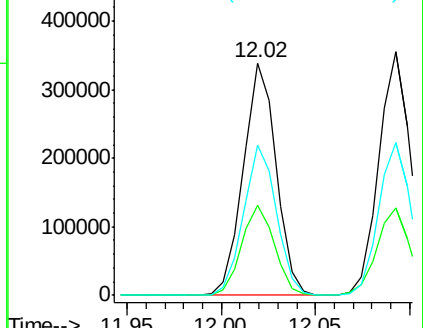
148 64.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.82 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

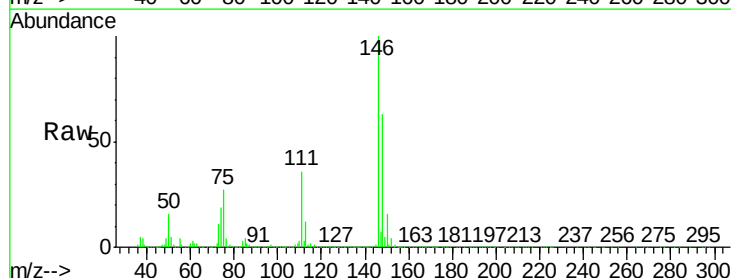
Tgt Ion:146 Resp: 420916

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

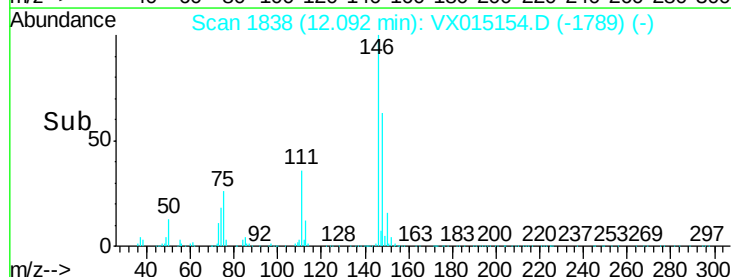
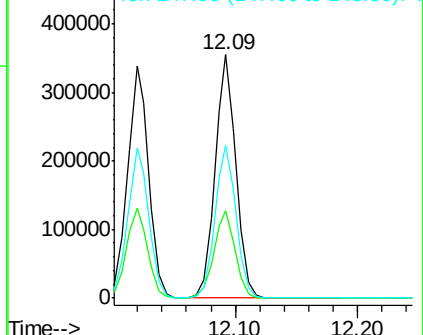
148 63.5 32.5 97.4

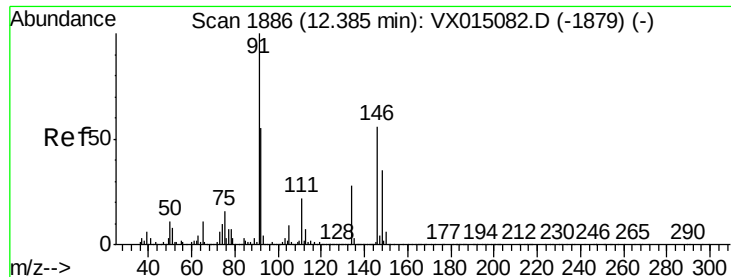


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

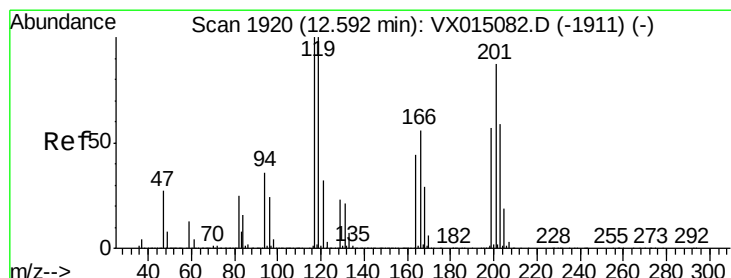
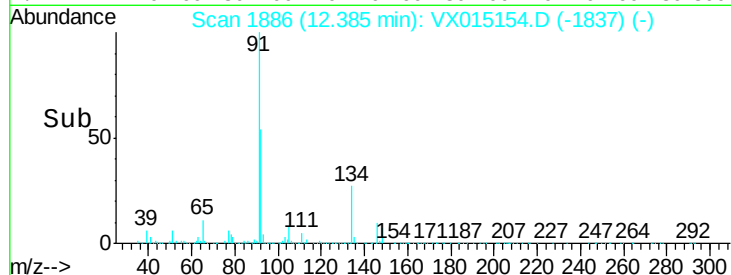
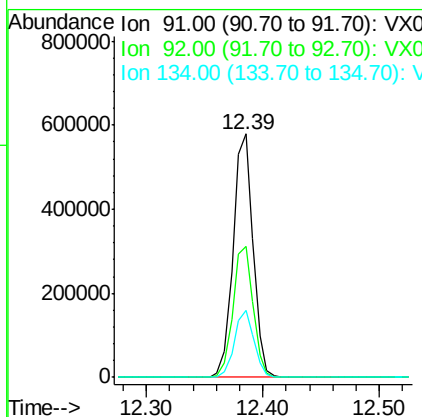
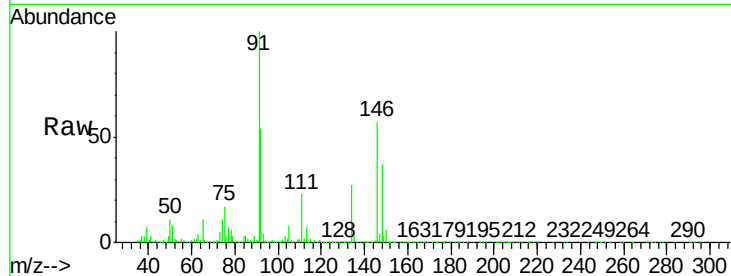




#89
n-Butylbenzene
Concen: 48.65 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

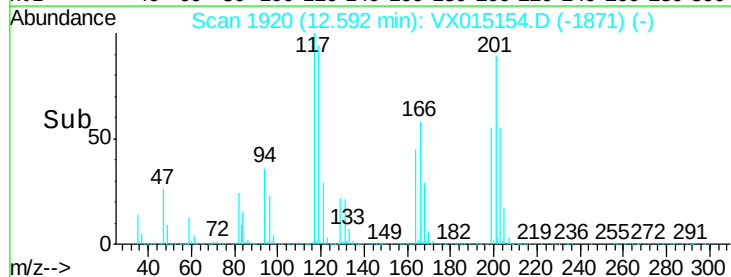
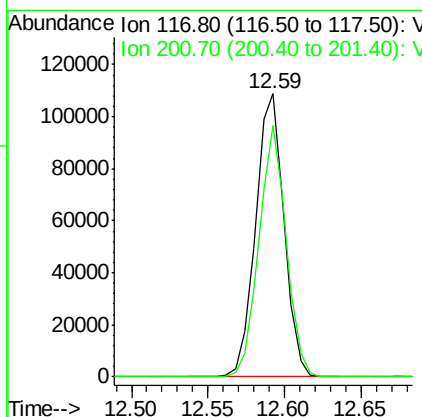
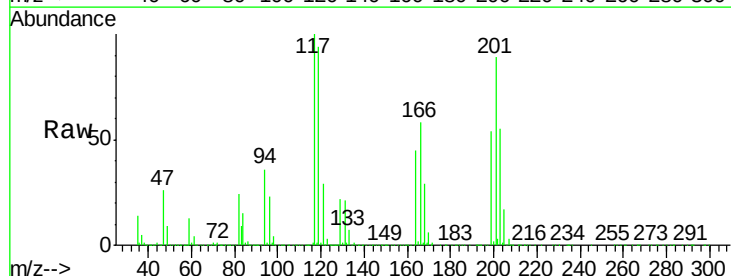
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

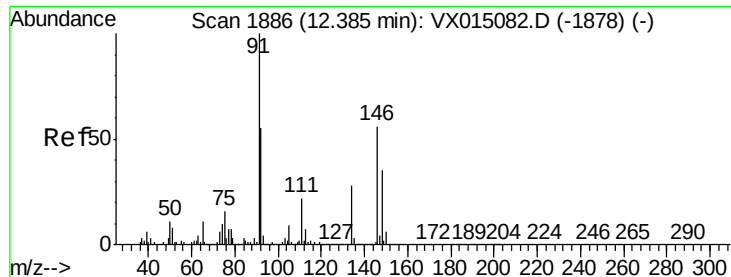
Tgt Ion: 91 Resp: 688596
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 46.55 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 117 Resp: 140050
Ion Ratio Lower Upper
117 100
201 85.8 43.5 130.7

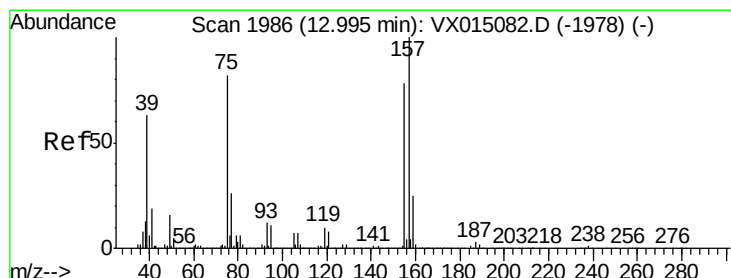
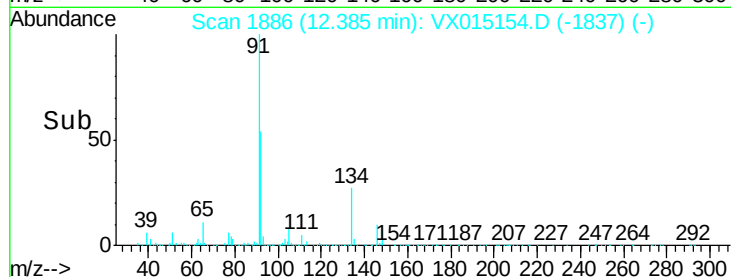
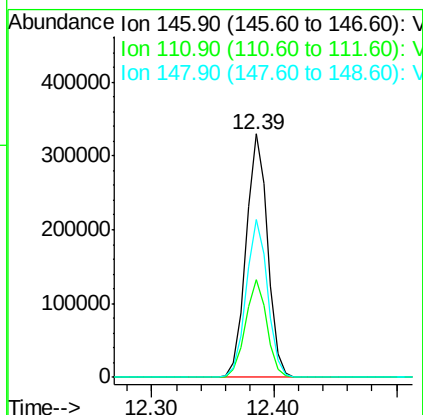
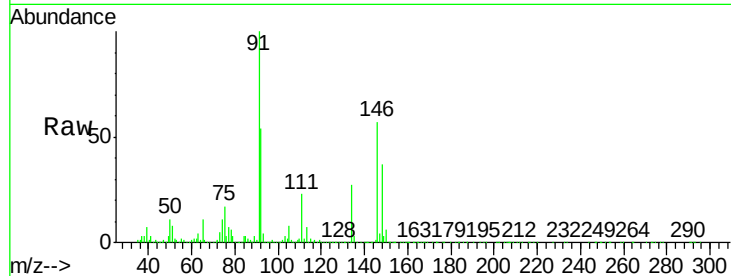




#91
 1,2-Dichlorobenzene
 Concen: 46.37 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

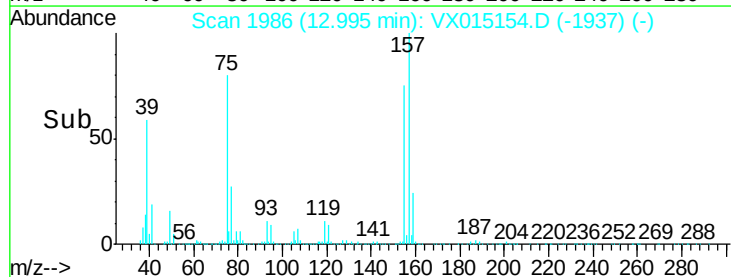
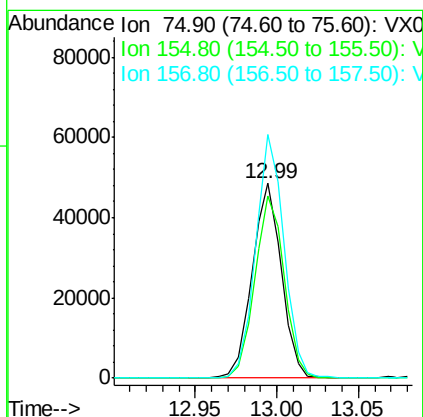
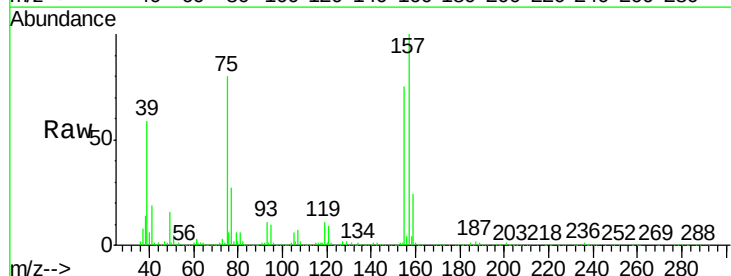
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

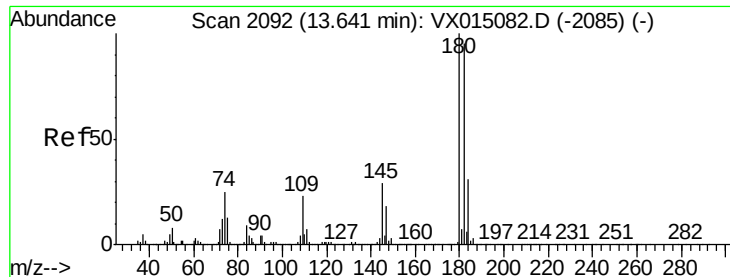
Tgt Ion: 146 Resp: 401433
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 64.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.89 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion: 75 Resp: 60360
 Ion Ratio Lower Upper
 75 100
 155 94.1 46.6 139.7
 157 122.5 59.2 177.5

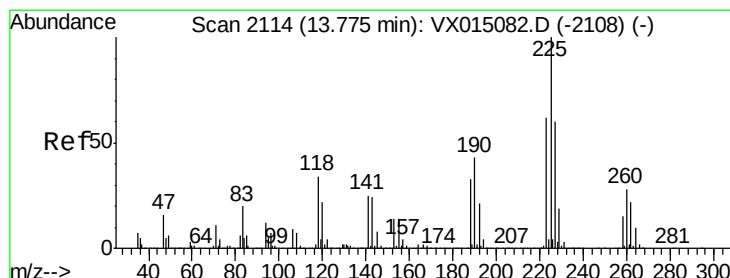
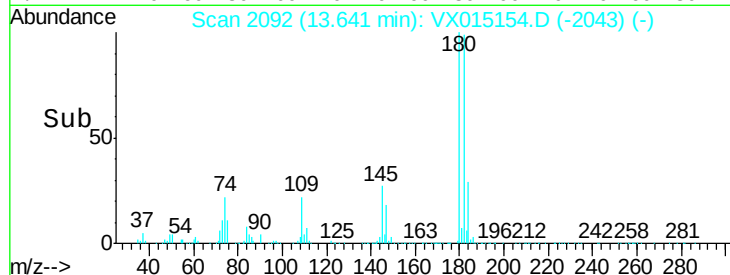
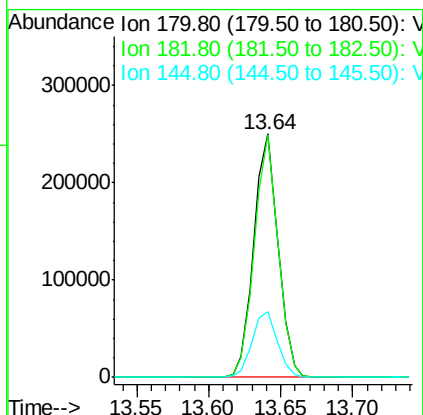
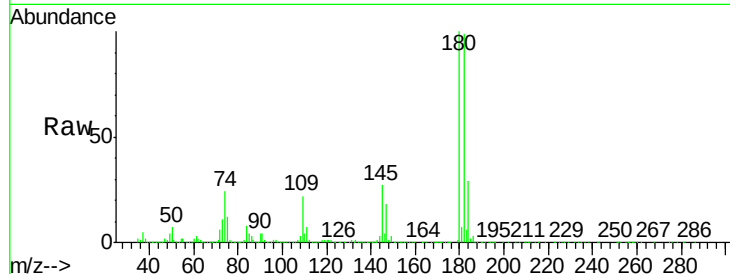




#93
 1,2,4-Trichlorobenzene
 Concen: 48.21 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

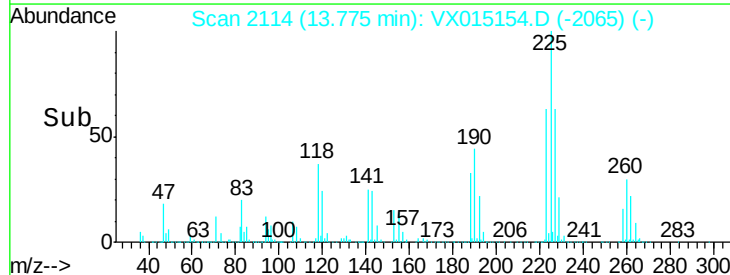
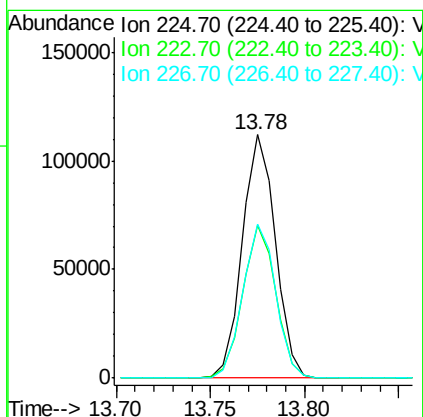
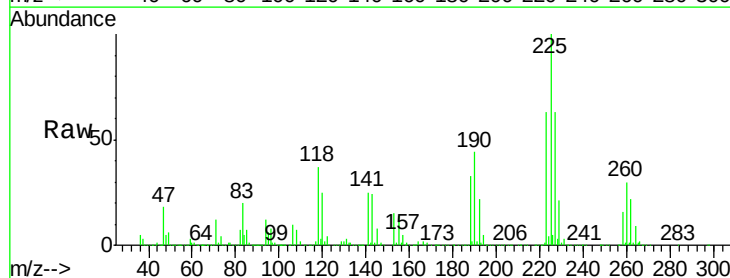
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

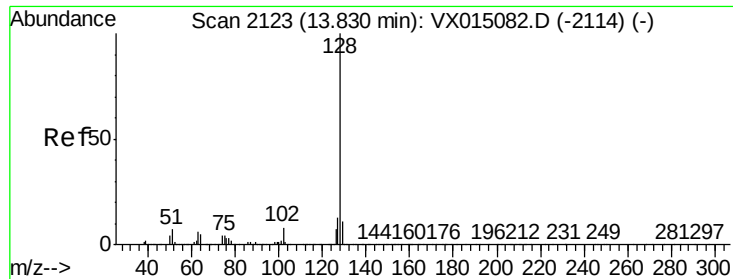
Tgt Ion:180 Resp: 289705
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.6 142.8
 145 28.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 44.26 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion:225 Resp: 136487
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.9
 227 62.9 31.1 93.2

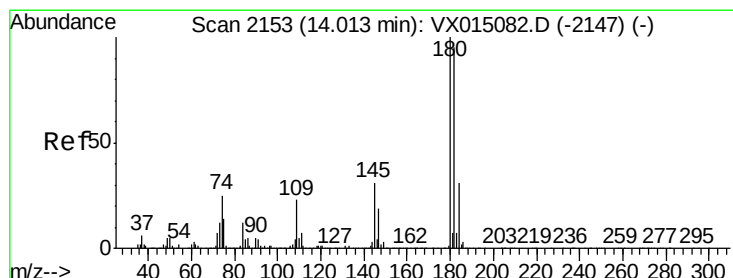
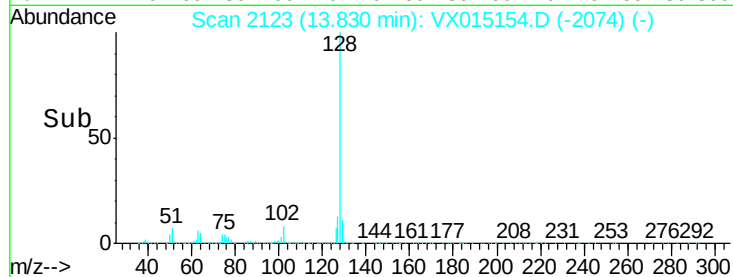
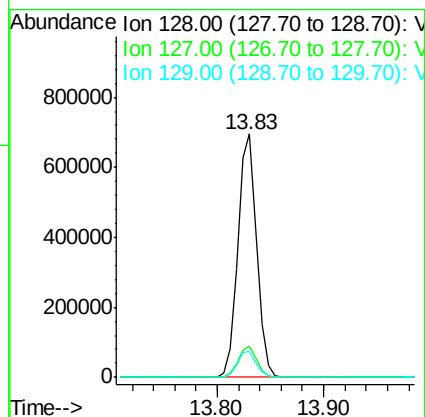
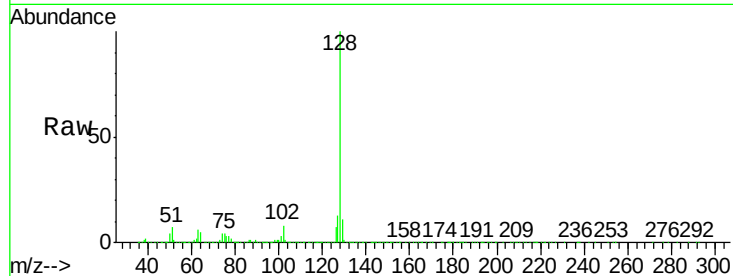




#95
Naphthalene
Concen: 46.72 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 858749
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.64 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:180 Resp: 291635
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 29.7 15.1 45.3

