

Data File : VX015185.D
Acq On : 11 Mar 2020 08:53
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 12 05:39:54 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	353504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	520593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	260732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	202175	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.48	113	164972	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	629260	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	227475	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	147785	47.742	ug/l	98
3) Chloromethane	1.32	50	197101	44.950	ug/l	98
4) Vinyl Chloride	1.41	62	201047	45.217	ug/l	96
5) Bromomethane	1.64	94	113898	41.667	ug/l	99
6) Chloroethane	1.72	64	117514	44.059	ug/l	100
7) Trichlorofluoromethane	1.92	101	235110	44.440	ug/l	94
8) Diethyl Ether	2.18	74	105800	44.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153587	46.142	ug/l	99
10) Methyl Iodide	2.50	142	159732	42.475	ug/l	99
11) Tert butyl alcohol	3.03	59	152377	209.414	ug/l	98
12) 1,1-Dichloroethene	2.37	96	149628	43.556	ug/l	98
13) Acrolein	2.28	56	151083	220.945	ug/l	100
14) Allyl chloride	2.72	41	278287	46.459	ug/l	99
15) Acrylonitrile	3.13	53	409751	226.119	ug/l	99
16) Acetone	2.43	43	441105	259.712	ug/l	99
17) Carbon Disulfide	2.56	76	419486	43.971	ug/l	100
18) Methyl Acetate	2.76	43	184278	44.372	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	502500	46.810	ug/l	99
20) Methylene Chloride	2.85	84	177930	44.764	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	169227	46.135	ug/l	98
22) Diisopropyl ether	3.84	45	576883	48.340	ug/l	94
23) Vinyl Acetate	3.80	43	2383118	242.933	ug/l	100
24) 1,1-Dichloroethane	3.69	63	307879	46.484	ug/l	99
25) 2-Butanone	4.65	43	617583	248.373	ug/l	98
26) 2,2-Dichloropropane	4.58	77	247474	47.066	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	191241	46.473	ug/l	99
28) Bromochloromethane	5.00	49	153716	50.966	ug/l	95
29) Tetrahydrofuran	5.11	42	359359	224.202	ug/l	98
30) Chloroform	5.20	83	305571	47.335	ug/l	100
31) Cyclohexane	5.57	56	272051	46.049	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	258838	48.369	ug/l	98
36) 1,1-Dichloropropene	5.79	75	230899	47.977	ug/l	99
37) Ethyl Acetate	4.81	43	222057	49.741	ug/l	100
38) Carbon Tetrachloride	5.77	117	225762	49.697	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	278569	49.571	ug/l	99
40) Benzene	6.13	78	689726	48.305	ug/l	98
41) Methacrylonitrile	5.03	41	126745	47.267	ug/l	98
42) 1,2-Dichloroethane	6.18	62	244975	49.960	ug/l	98
43) Isopropyl Acetate	6.43	43	373302	47.533	ug/l	100
44) Trichloroethene	7.20	130	190460	47.897	ug/l	96
45) 1,2-Dichloropropane	7.50	63	181986	49.241	ug/l	99
46) Dibromomethane	7.65	93	117014	48.590	ug/l	98
47) Bromodichloromethane	7.89	83	244582	51.359	ug/l	99
48) Methyl methacrylate	7.76	41	188531	47.166	ug/l	99
49) 1,4-Dioxane	7.73	88	77572	897.588	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1153434	248.401	ug/l	100
52) Toluene	8.78	92	441795	50.604	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	260695	51.432	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	289964	50.602	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	179239	49.880	ug/l	99
56) Ethyl methacrylate	9.17	69	261649	51.048	ug/l	99
57) 1,3-Dichloropropane	9.36	76	301709	49.907	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	755006	270.393	ug/l	100
59) 2-Hexanone	9.48	43	902837	262.327	ug/l	100
60) Dibromochloromethane	9.57	129	192283	50.940	ug/l	99
61) 1,2-Dibromoethane	9.67	107	183157	48.527	ug/l	100
64) Tetrachloroethene	9.33	164	200035	49.745	ug/l	98
65) Chlorobenzene	10.13	112	476786	48.829	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	177429	48.190	ug/l	99
67) Ethyl Benzene	10.25	91	846743	51.068	ug/l	98
68) m/p-Xylenes	10.35	106	655094	103.845	ug/l	99
69) o-Xylene	10.69	106	307656	50.937	ug/l	99
70) Styrene	10.71	104	539419	52.087	ug/l	99
71) Bromoform	10.85	173	142496	49.908	ug/l	98
73) Isopropylbenzene	11.01	105	833370	50.035	ug/l	99
74) N-amyl acetate	10.89	43	327299	46.628	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	253802	45.724	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	288231	55.420	ug/l	81
77) Bromobenzene	11.25	156	215436	46.413	ug/l	100
78) n-propylbenzene	11.35	91	985064	51.767	ug/l	99
79) 2-Chlorotoluene	11.42	91	561226	49.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	709914	51.201	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84806	46.277	ug/l	98
82) 4-Chlorotoluene	11.51	91	669114	49.839	ug/l	100
83) tert-Butylbenzene	11.76	119	652294	48.654	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	708180	50.842	ug/l	99
85) sec-Butylbenzene	11.94	105	818322	50.563	ug/l	99
86) p-Isopropyltoluene	12.06	119	768188	51.519	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	394701	48.370	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	402026	47.721	ug/l	99
89) n-Butylbenzene	12.38	91	706849	53.300	ug/l	99
90) Hexachloroethane	12.59	117	136577	48.450	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	396465	48.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52183	46.948	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	286524	50.880	ug/l	99
94) Hexachlorobutadiene	13.77	225	138260	47.846	ug/l	98
95) Naphthalene	13.83	128	781833	45.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	285116	50.745	ug/l	99

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

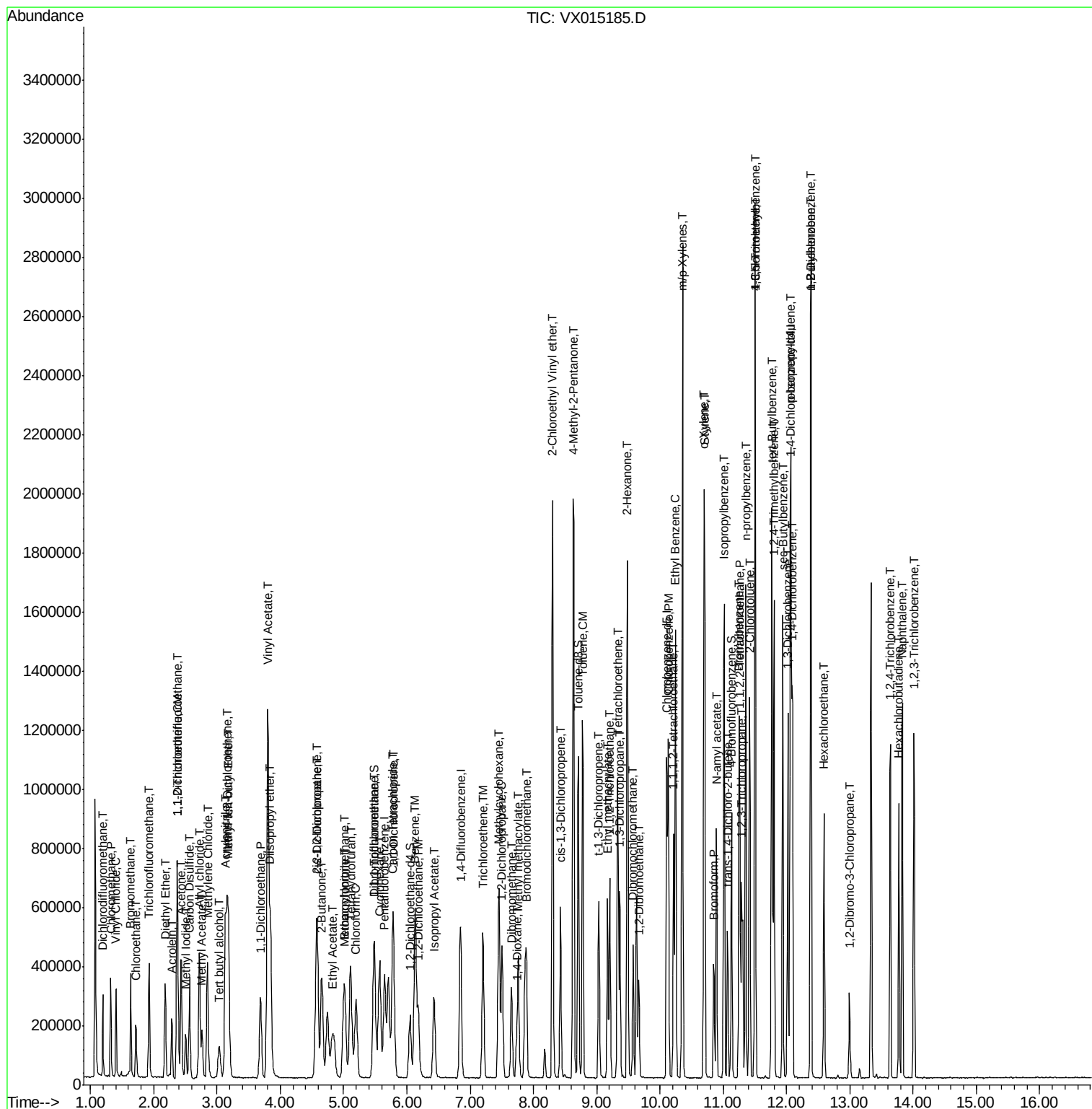
Quant Time: Mar 12 05:39:54 2020

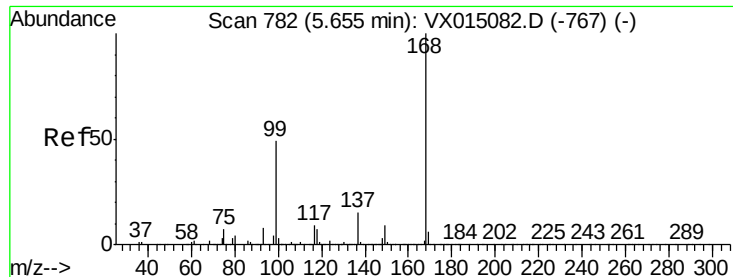
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_X\METHOD\82X030420W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 04 14:19:10 2020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

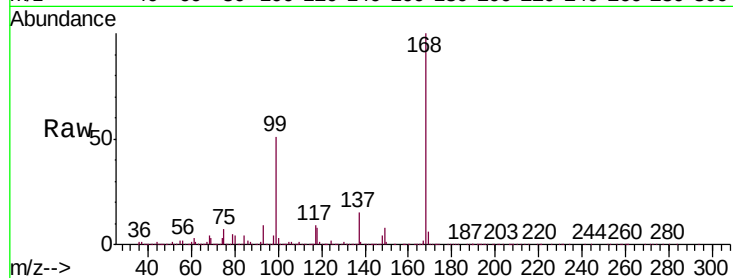
VSTDCCC050

Tgt Ion:168 Resp: 353504

Ion Ratio Lower Upper

168 100

99 50.4 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

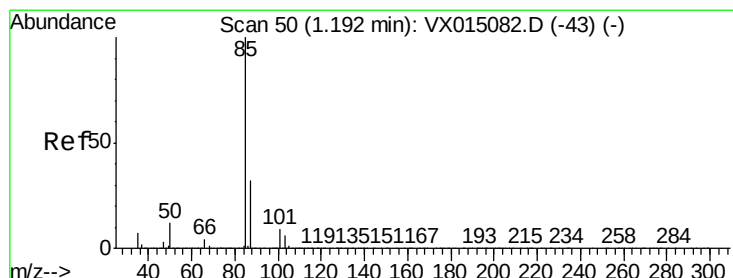
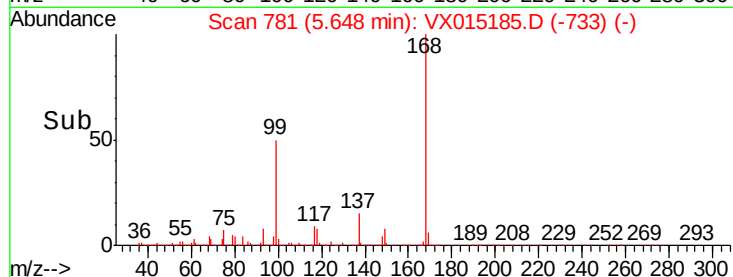
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.742 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015185.D

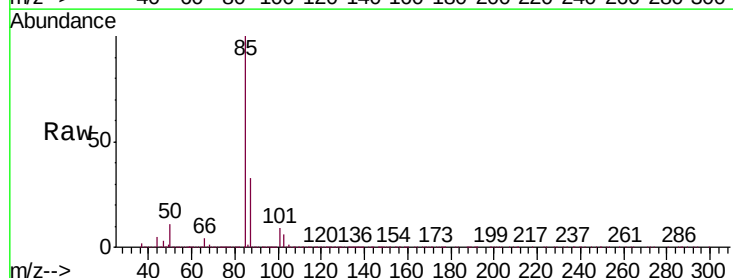
Acq: 11 Mar 2020 08:53

Tgt Ion: 85 Resp: 147785

Ion Ratio Lower Upper

85 100

87 33.3 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

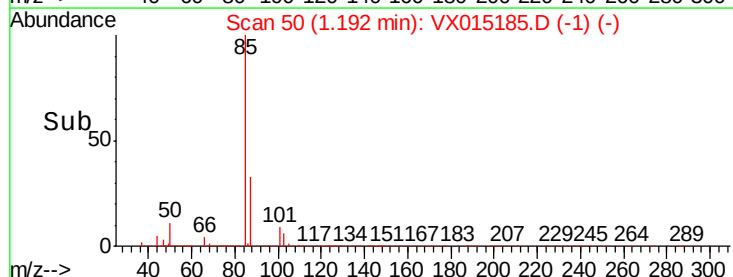
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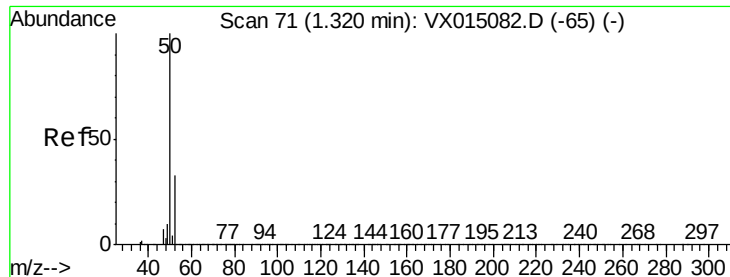
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.950 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

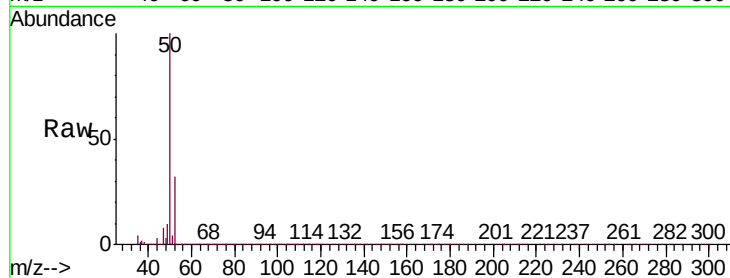
VSTDCCC050

Tgt Ion: 50 Resp: 197101

Ion Ratio Lower Upper

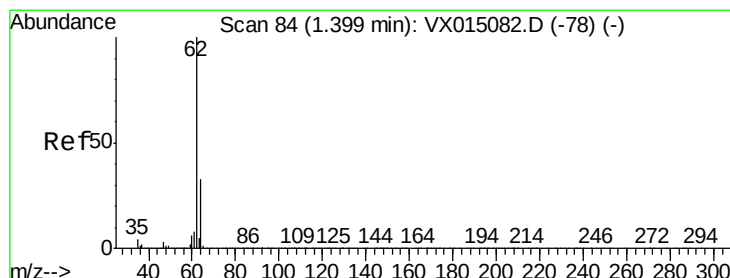
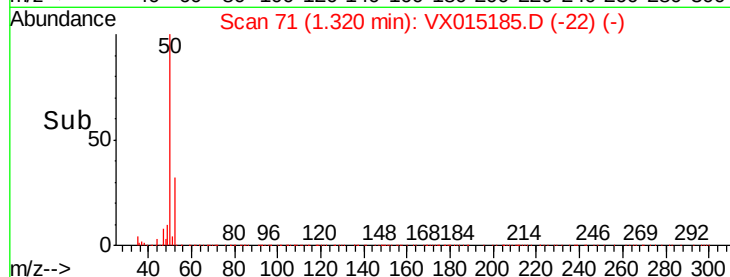
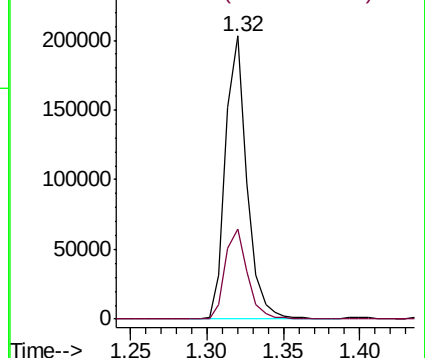
50 100

52 31.8 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: 45.217 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015185.D

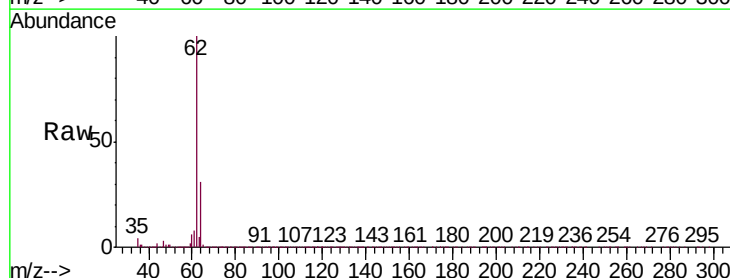
Acq: 11 Mar 2020 08:53

Tgt Ion: 62 Resp: 201047

Ion Ratio Lower Upper

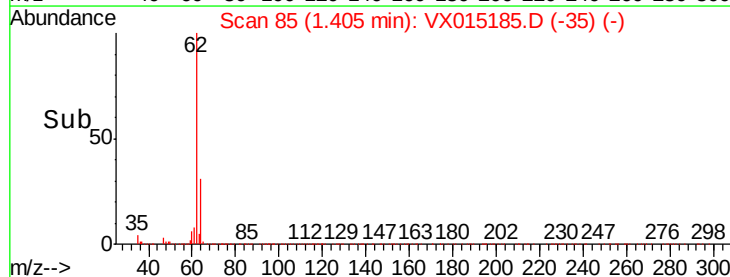
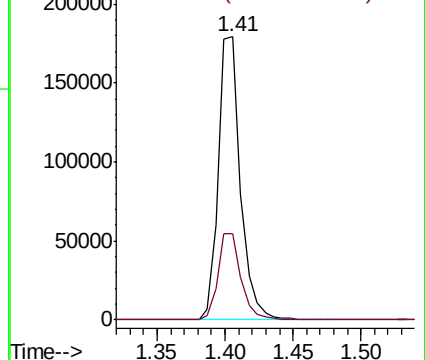
62 100

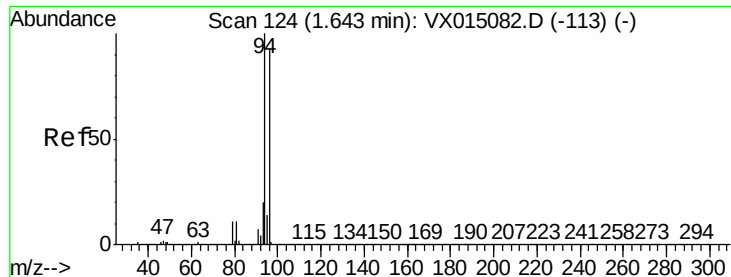
64 30.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.667 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

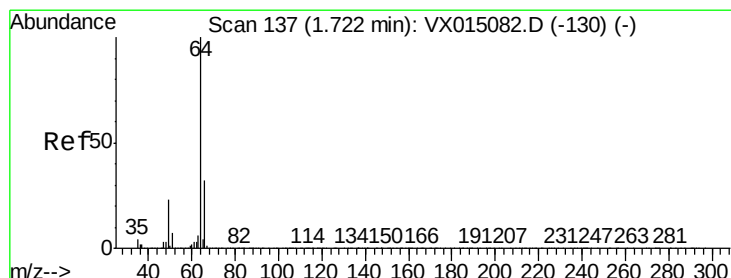
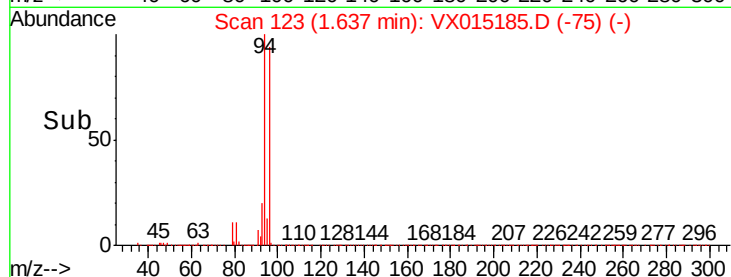
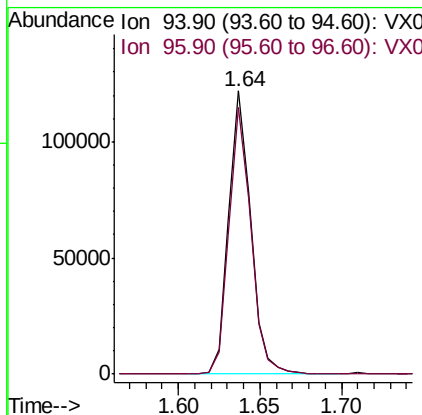
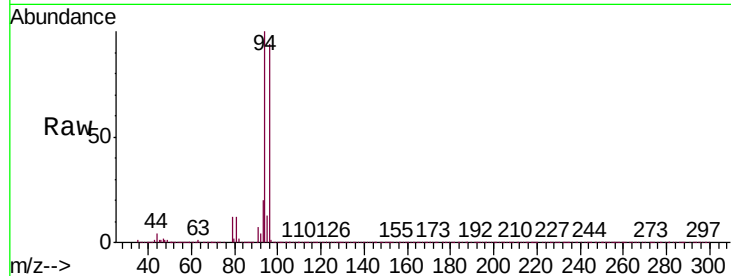
VSTDCCC050

Tgt Ion: 94 Resp: 113898

Ion Ratio Lower Upper

94 100

96 94.0 74.6 111.8



#6

Chloroethane

Concen: 44.059 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015185.D

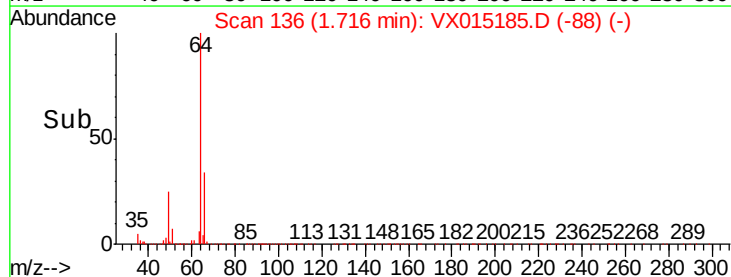
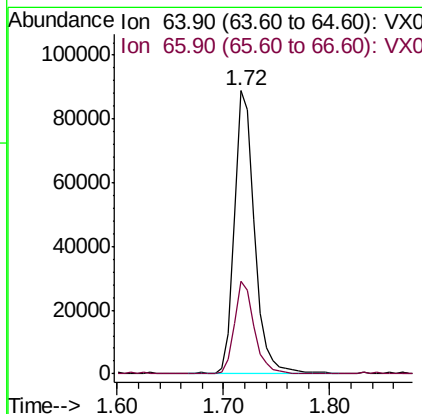
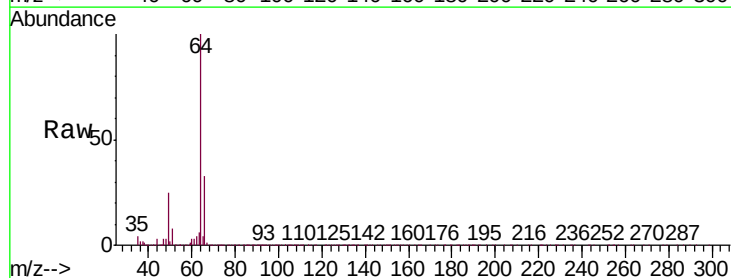
Acq: 11 Mar 2020 08:53

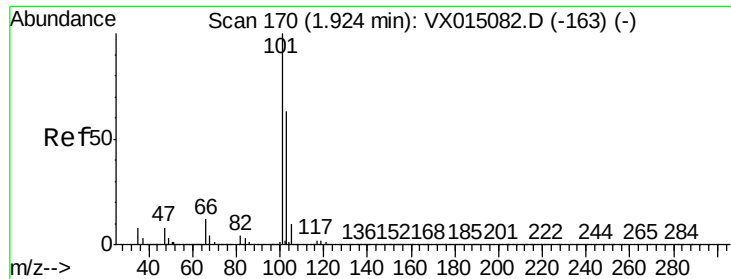
Tgt Ion: 64 Resp: 117514

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.8



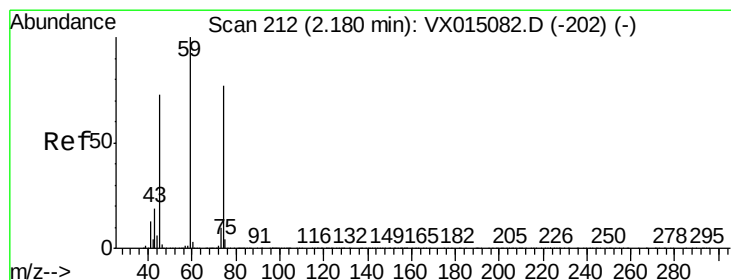
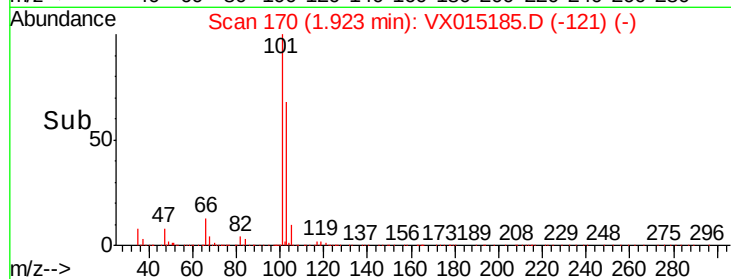
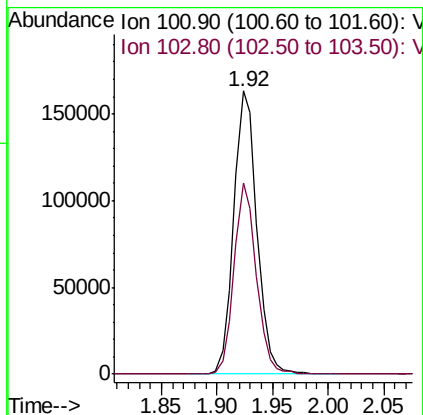
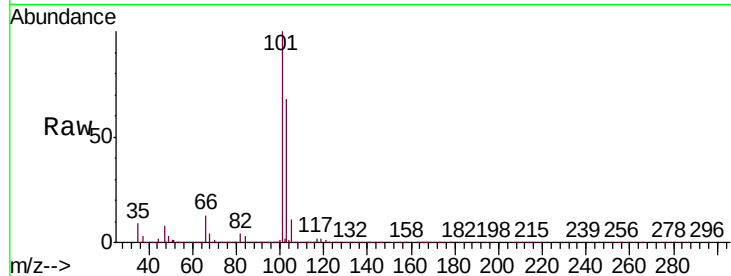


#7

Trichlorofluoromethane
 Concen: 44.440 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX015185.D
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 VSTDCCC050

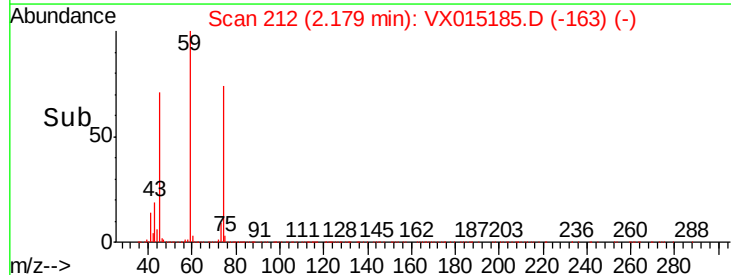
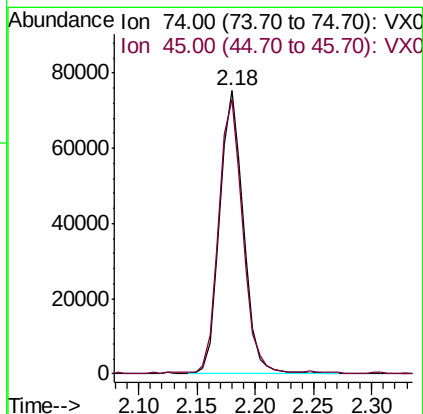
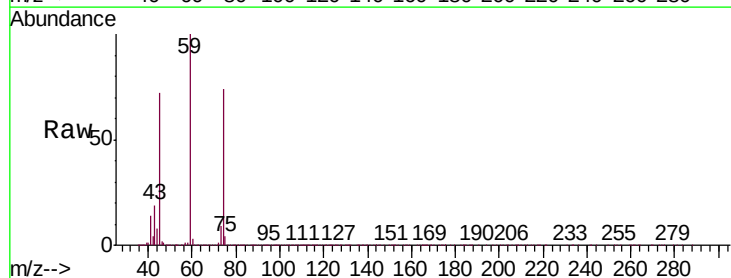
Tgt Ion:101 Resp: 235110
 Ion Ratio Lower Upper
 101 100
 103 67.6 50.4 75.6

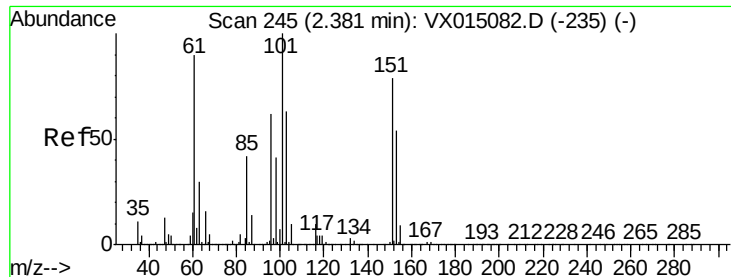


#8

Diethyl Ether
 Concen: 44.152 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 74 Resp: 105800
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.142 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

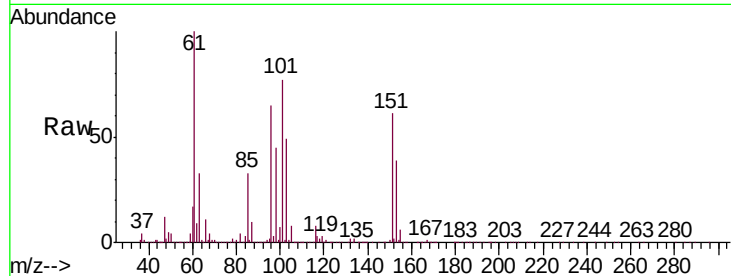
Tgt Ion:101 Resp: 153587

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

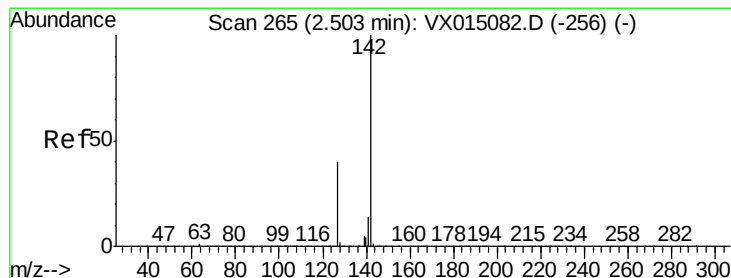
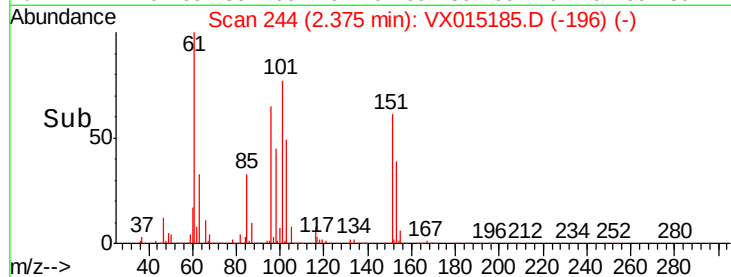
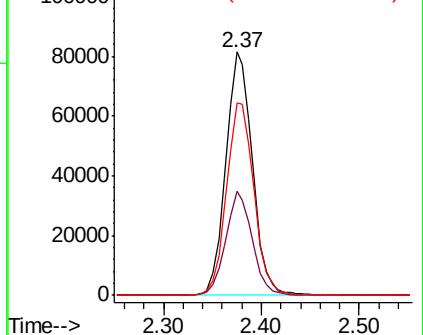
151 81.1 64.0 96.0



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: 42.475 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

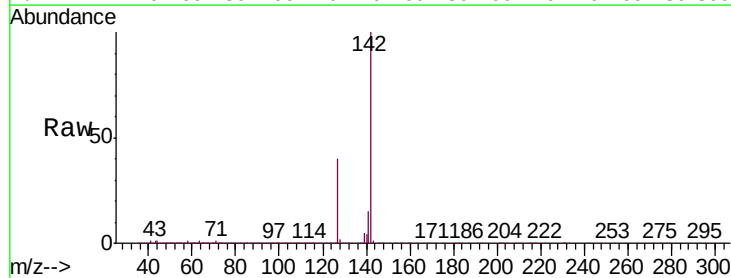
Tgt Ion:142 Resp: 159732

Ion Ratio Lower Upper

142 100

127 39.1 31.7 47.5

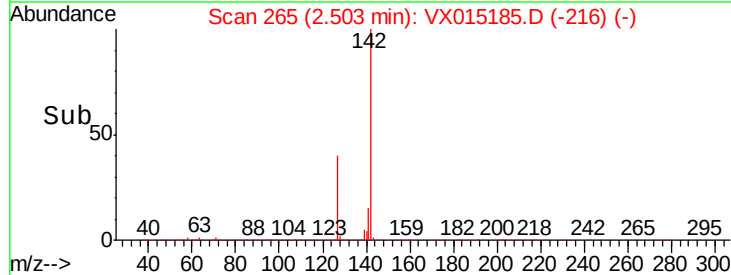
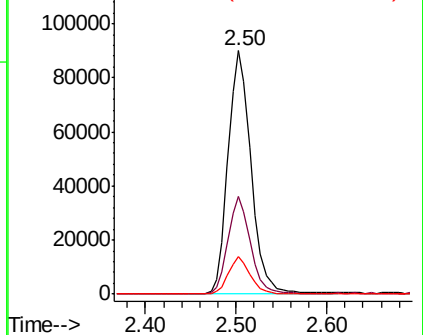
141 14.4 11.3 16.9

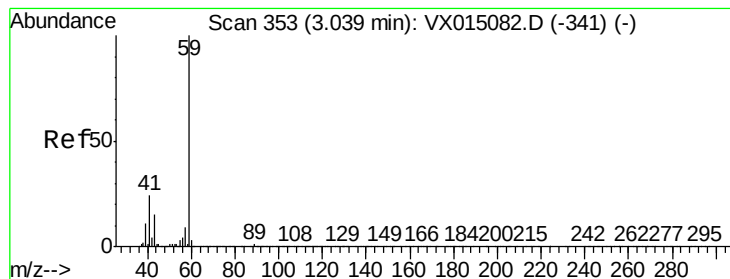


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



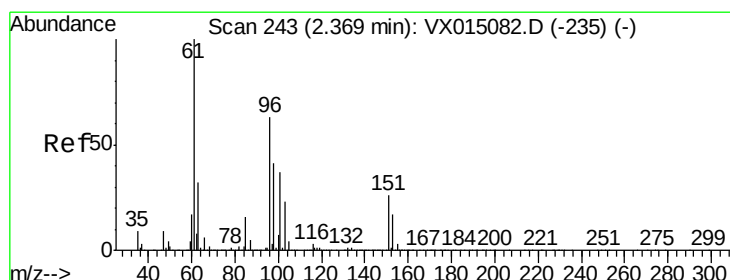
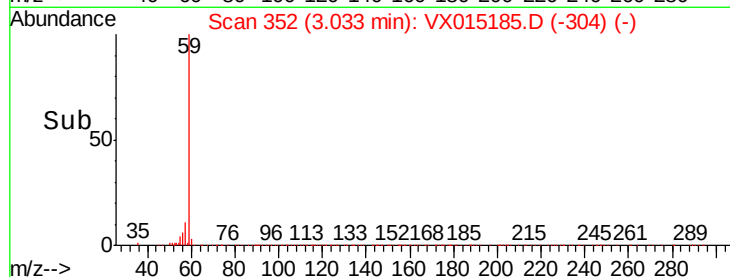
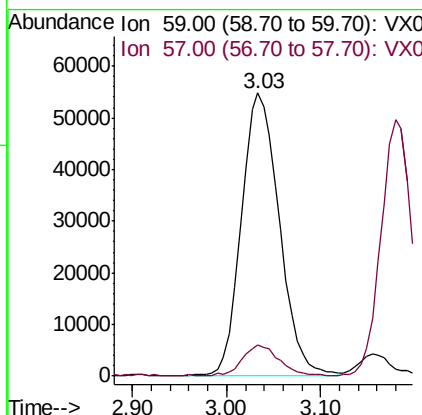
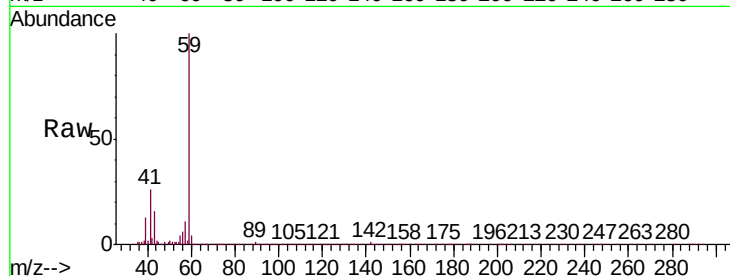


#11

Tert butyl alcohol
 Concen: 209.414 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

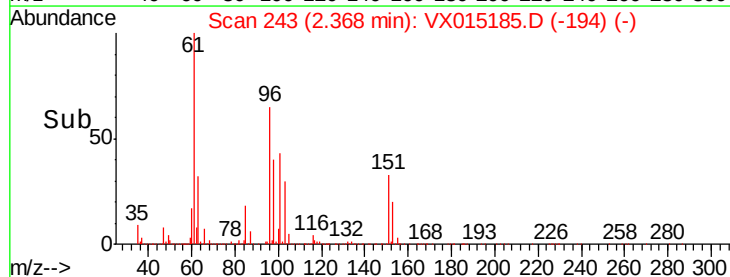
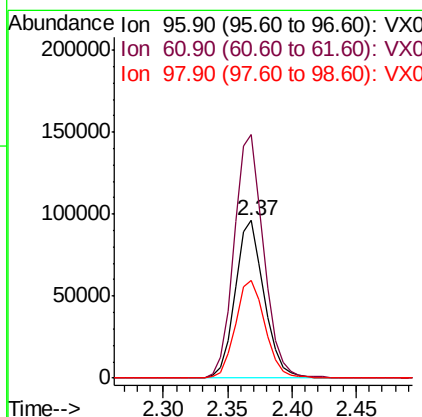
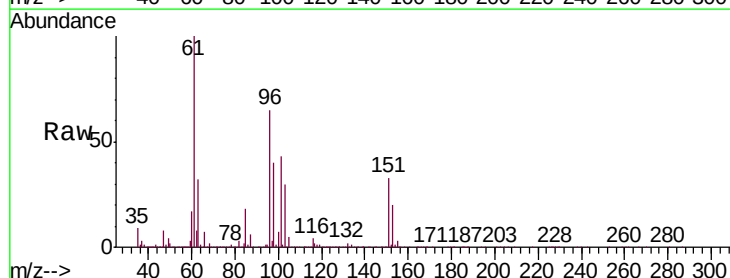
Tgt Ion: 59 Resp: 152377
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.4

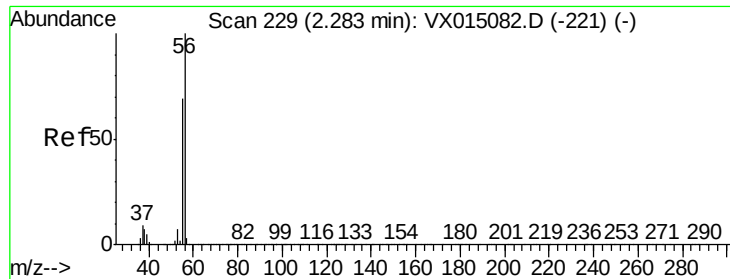


#12

1,1-Dichloroethene
 Concen: 43.556 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 96 Resp: 149628
 Ion Ratio Lower Upper
 96 100
 61 154.5 126.2 189.4
 98 62.2 51.4 77.0

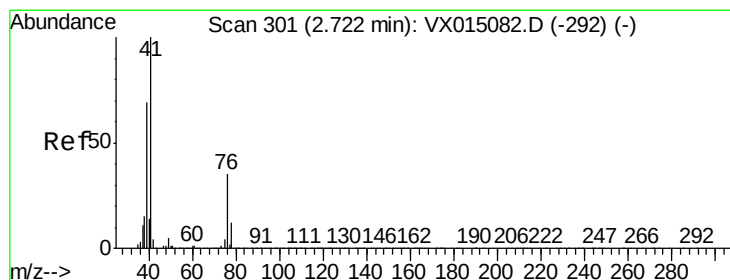
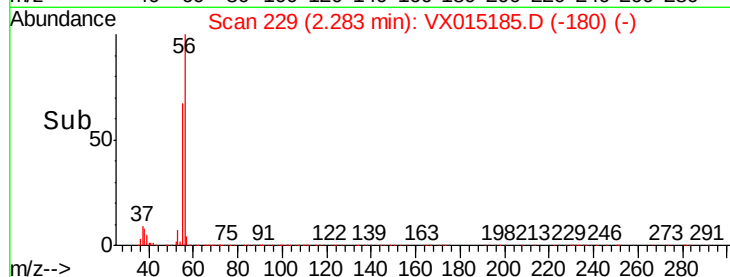
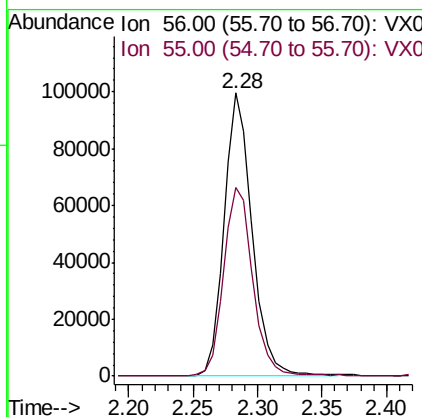
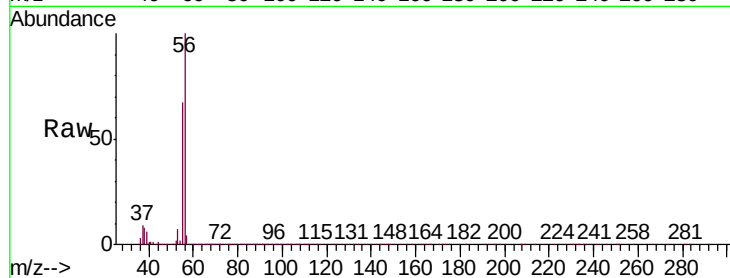




#13
Acrolein
Concen: 220.945 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

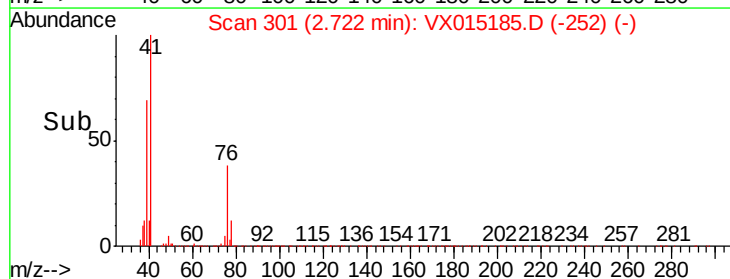
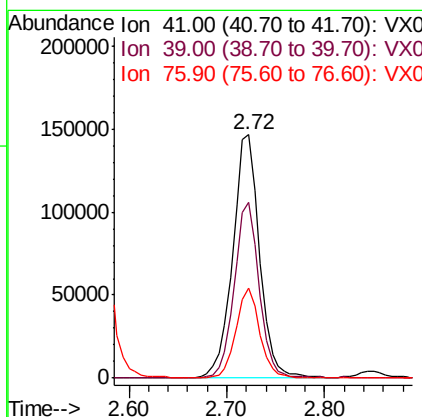
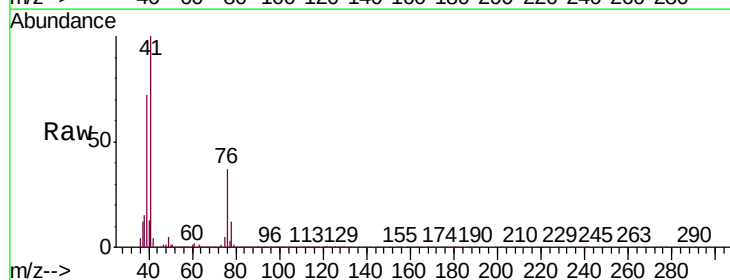
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

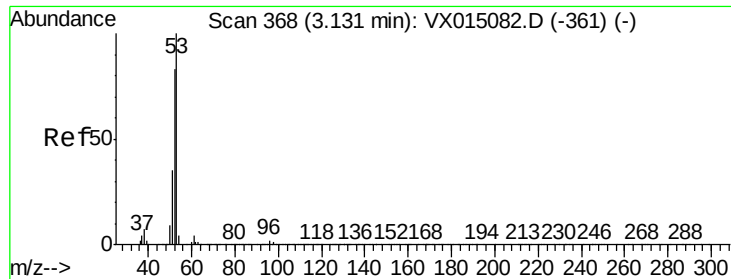
Tgt Ion: 56 Resp: 151083
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.0



#14
Allyl chloride
Concen: 46.459 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 41 Resp: 278287
Ion Ratio Lower Upper
41 100
39 67.0 52.9 79.3
76 32.6 26.8 40.2

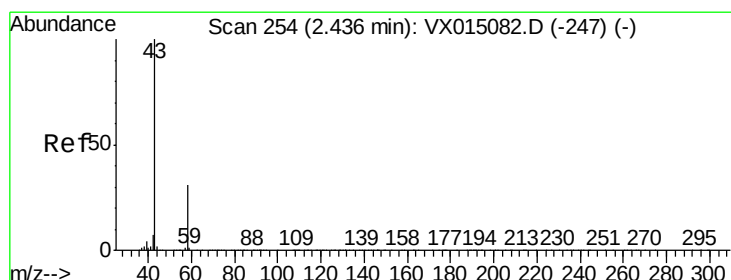
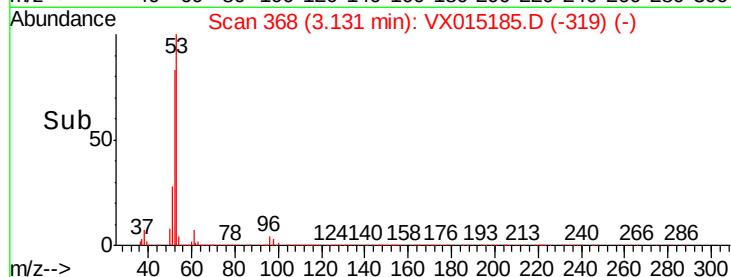
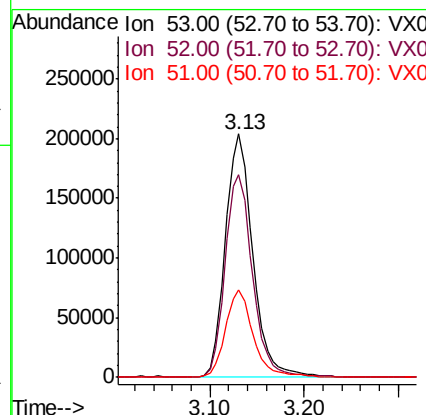
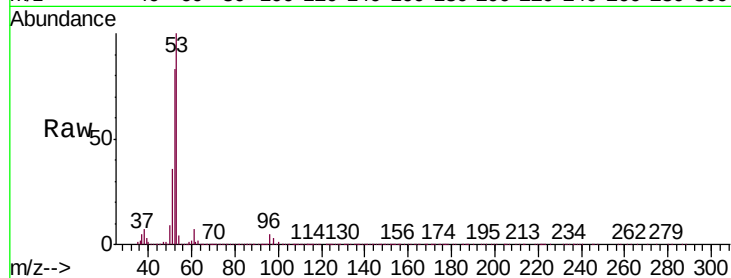




#15
Acrylonitrile
Concen: 226.119 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

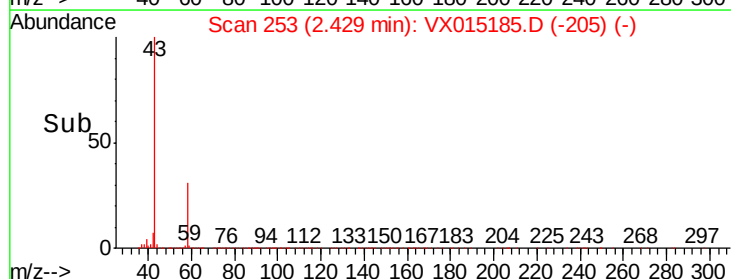
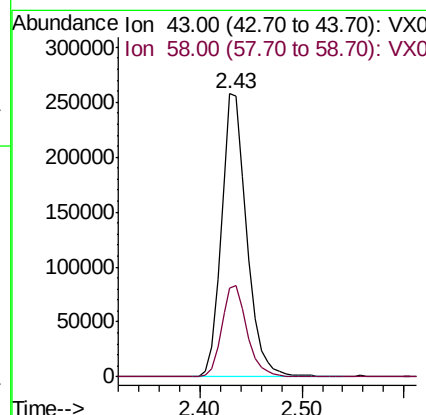
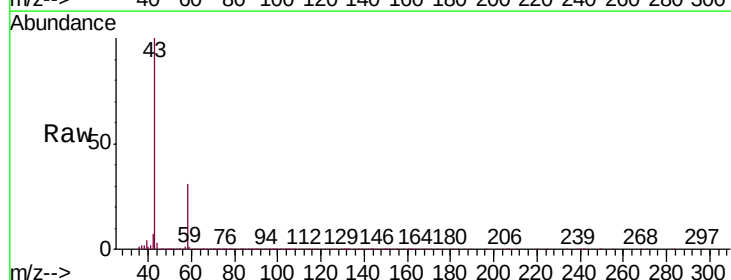
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

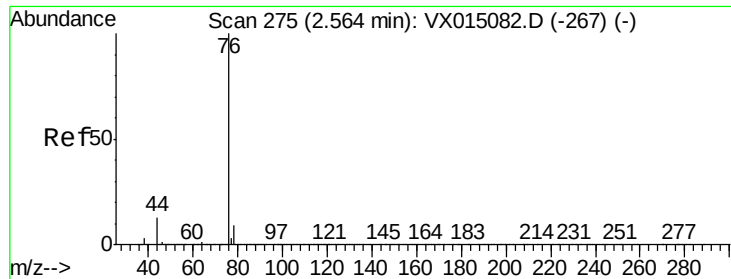
Tgt Ion: 53 Resp: 409751
Ion Ratio Lower Upper
53 100
52 83.9 66.6 100.0
51 36.8 29.0 43.6



#16
Acetone
Concen: 259.712 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 43 Resp: 441105
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2





#17

Carbon Disulfide

Concen: 43.971 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

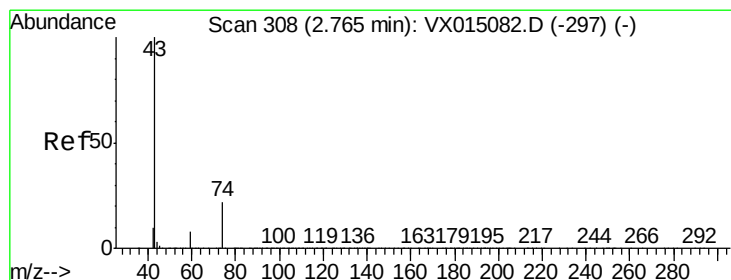
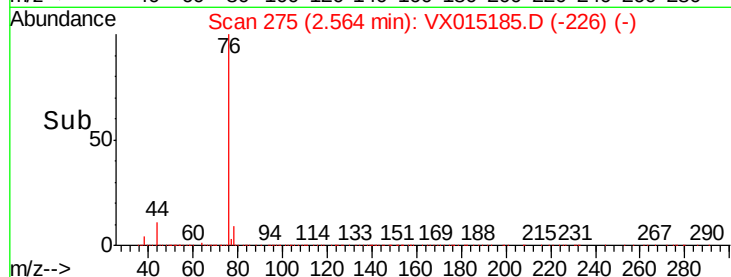
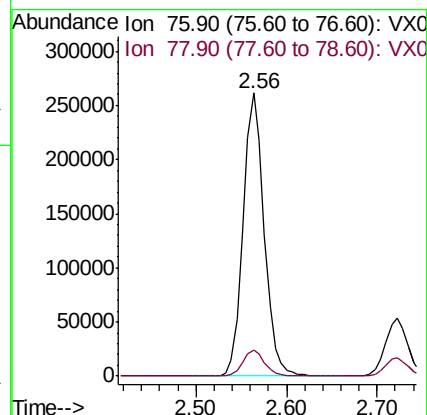
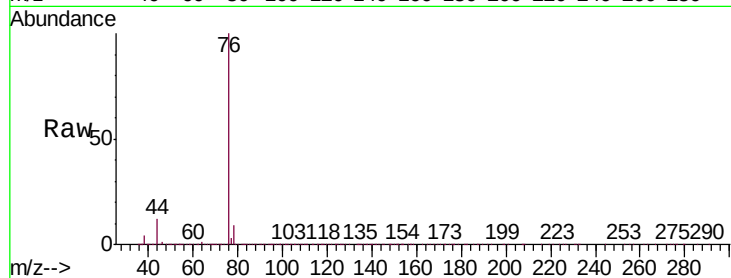
VSTDCCC050

Tgt Ion: 76 Resp: 419486

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 44.372 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015185.D

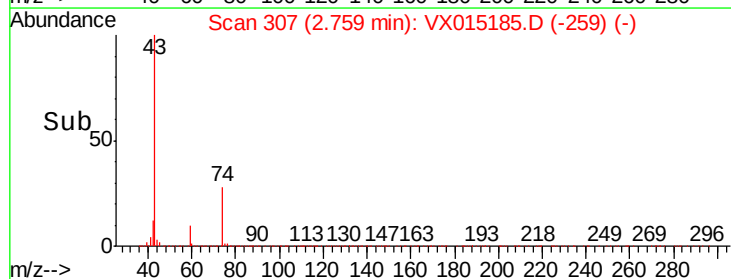
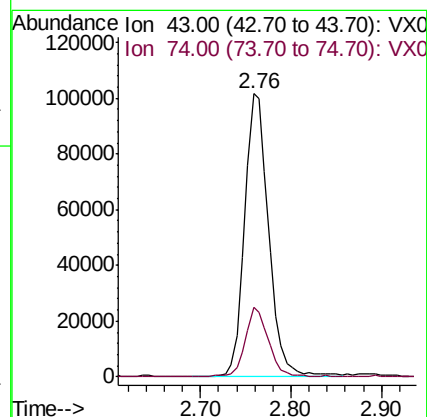
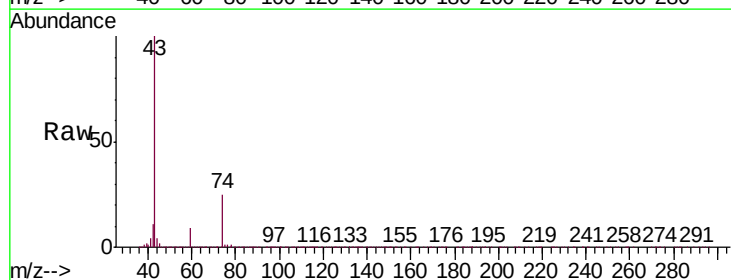
Acq: 11 Mar 2020 08:53

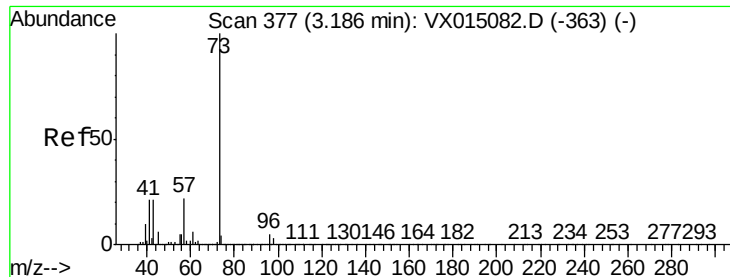
Tgt Ion: 43 Resp: 184278

Ion Ratio Lower Upper

43 100

74 23.7 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 46.810 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

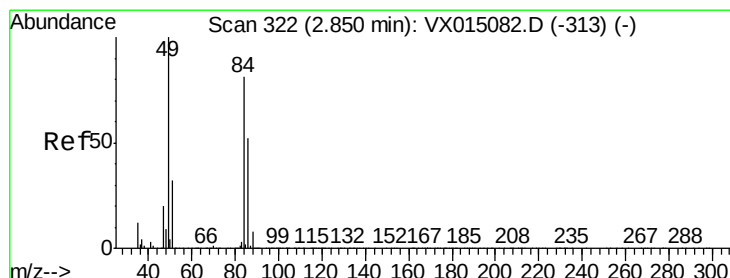
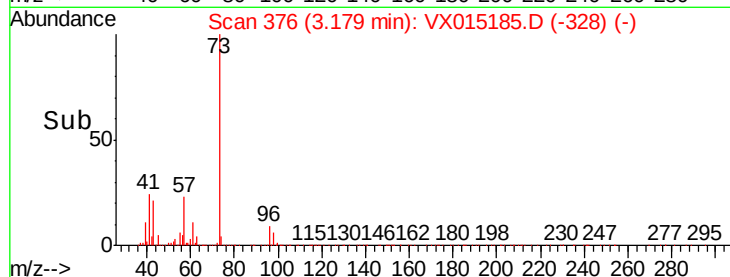
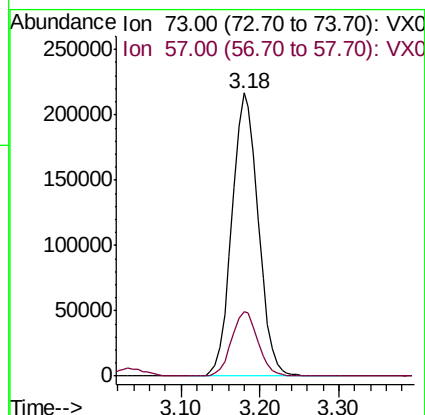
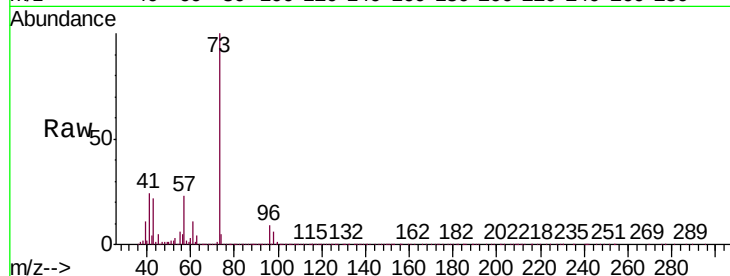
VSTDCCC050

Tgt Ion: 73 Resp: 502500

Ion Ratio Lower Upper

73 100

57 22.8 17.8 26.6



#20

Methylene Chloride

Concen: 44.764 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion: 84 Resp: 177930

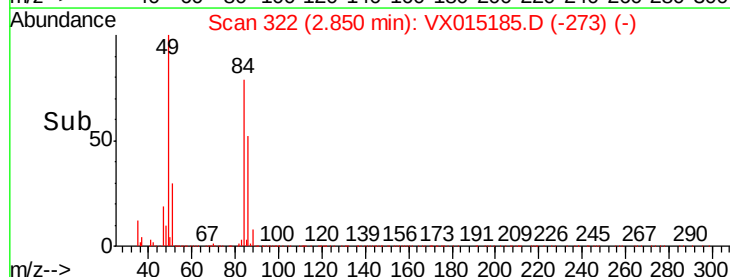
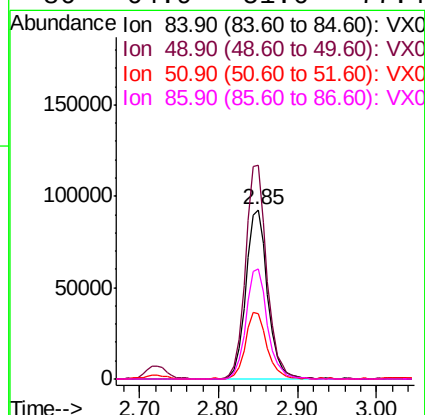
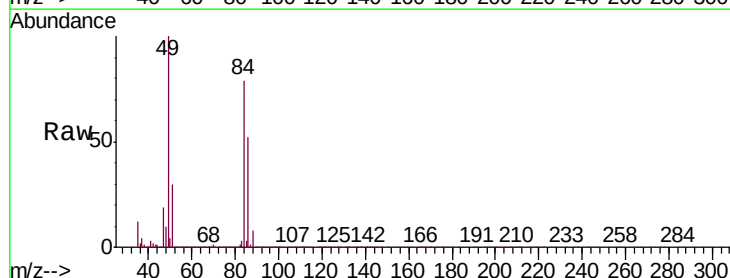
Ion Ratio Lower Upper

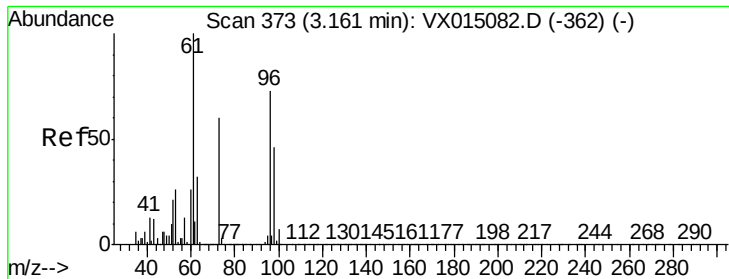
84 100

49 125.8 99.4 149.2

51 38.1 31.5 47.3

86 64.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 46.135 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

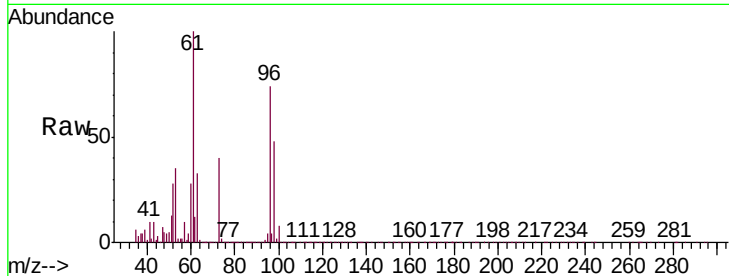
Tgt Ion: 96 Resp: 169227

Ion Ratio Lower Upper

96 100

61 135.7 109.9 164.9

98 65.2 50.2 75.2

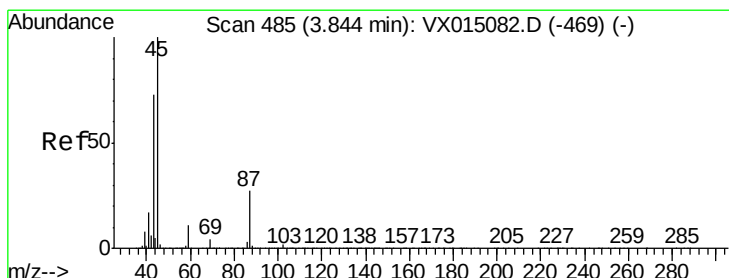
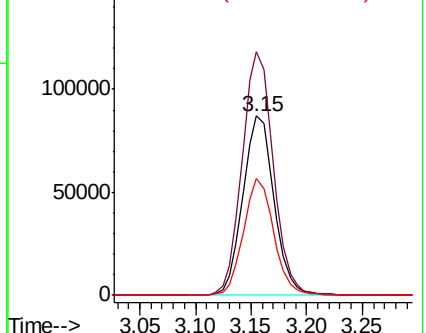
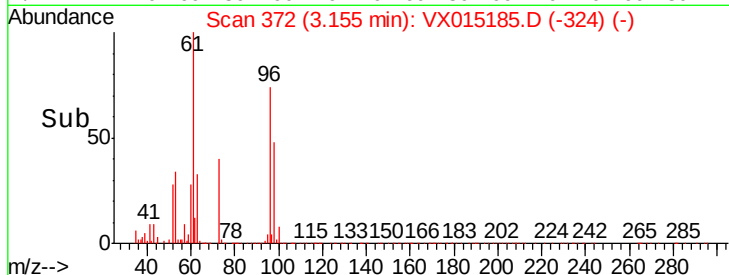


Abundance

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: 48.340 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion: 45 Resp: 576883

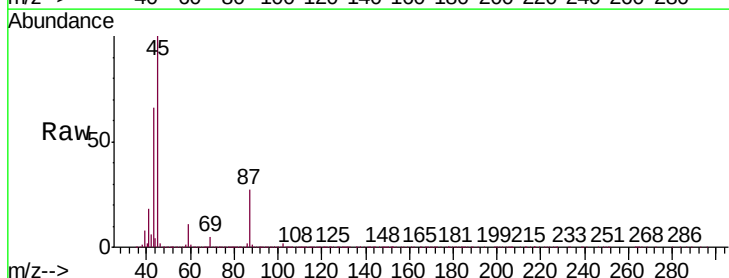
Ion Ratio Lower Upper

45 100

43 65.7 58.2 87.2

87 27.0 21.2 31.8

59 11.1 8.9 13.3



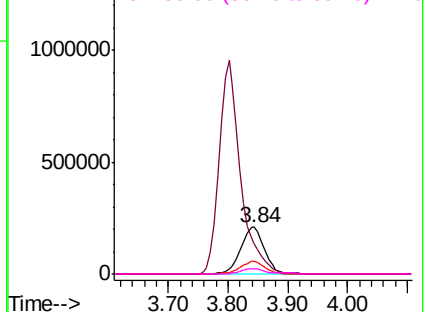
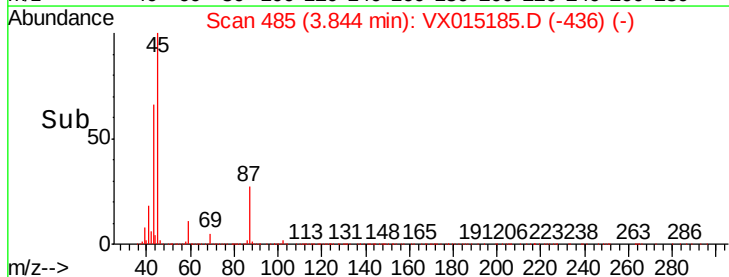
Abundance

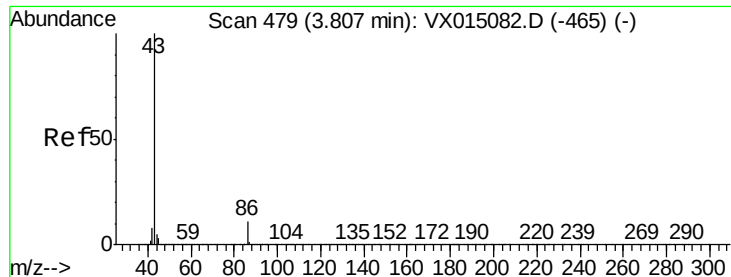
Ion 45.00 (44.70 to 45.70): VX0

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: 242.933 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

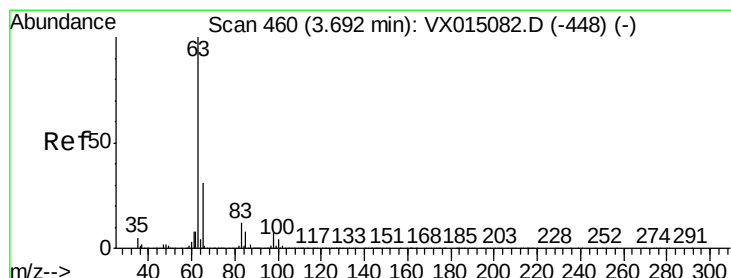
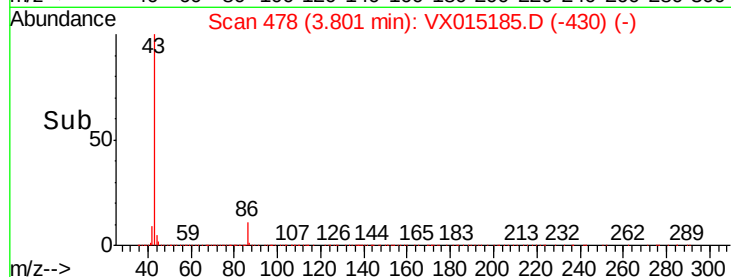
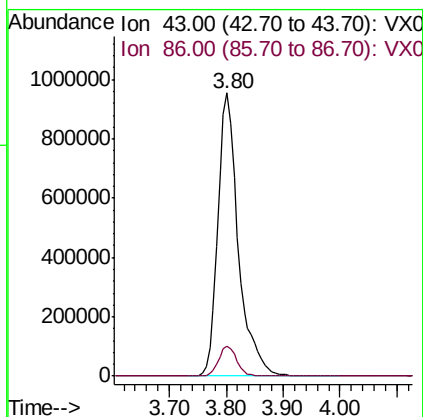
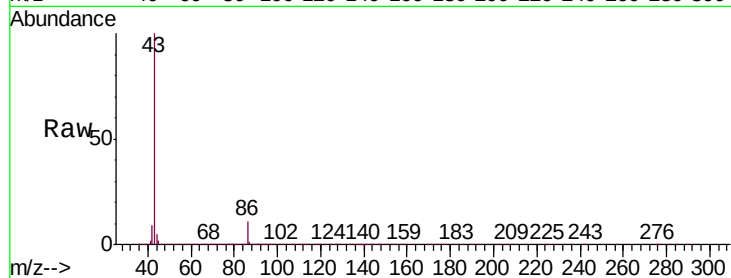
VSTDCCC050

Tgt Ion: 43 Resp: 2383118

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 46.484 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

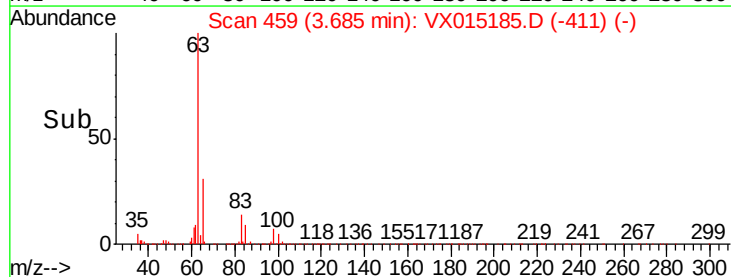
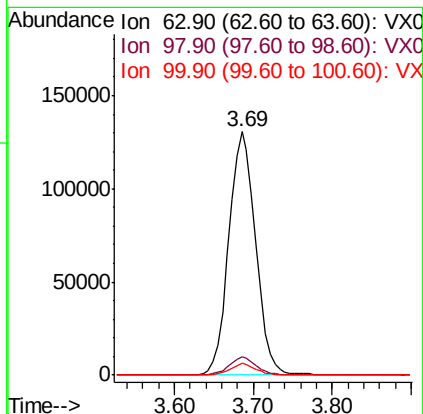
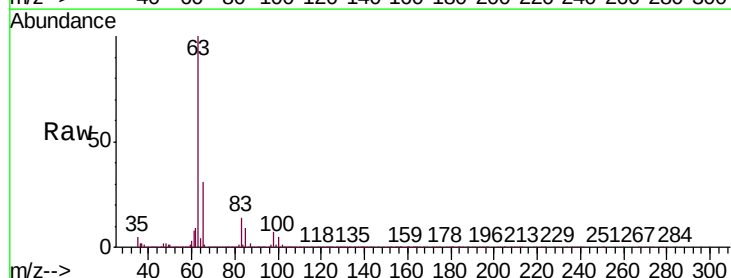
Tgt Ion: 63 Resp: 307879

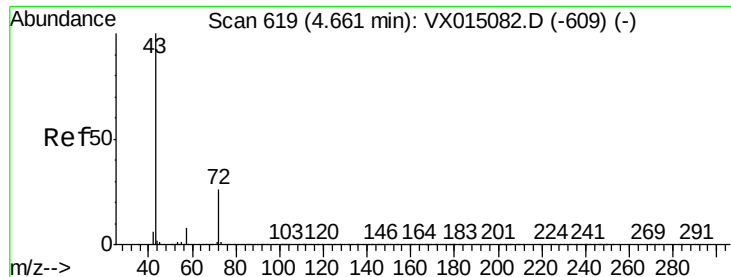
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 248.373 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

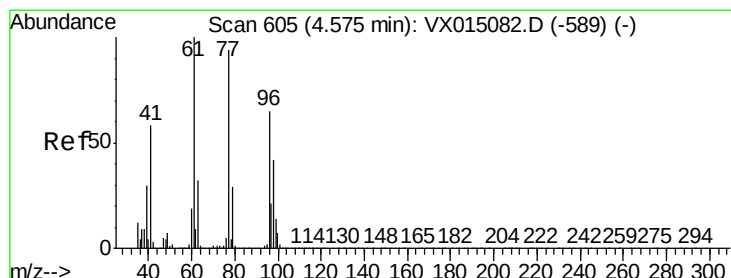
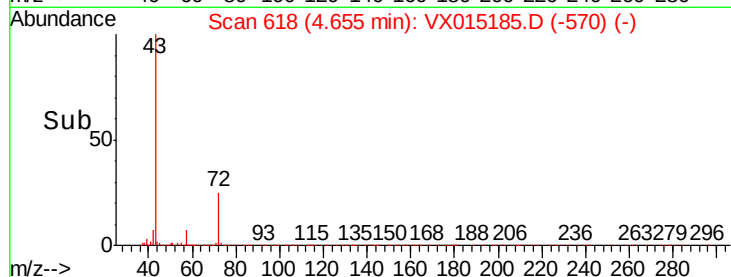
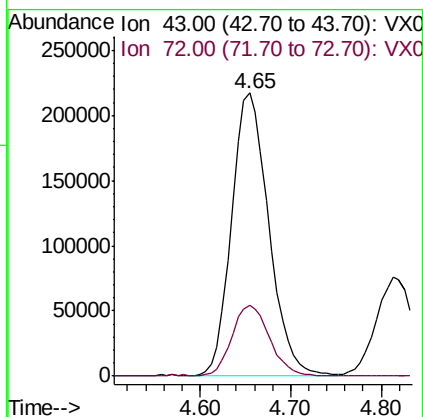
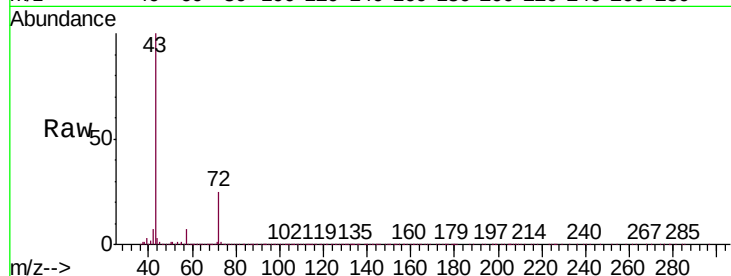
VSTDCCC050

Tgt Ion: 43 Resp: 617583

Ion Ratio Lower Upper

43 100

72 24.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 47.066 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015185.D

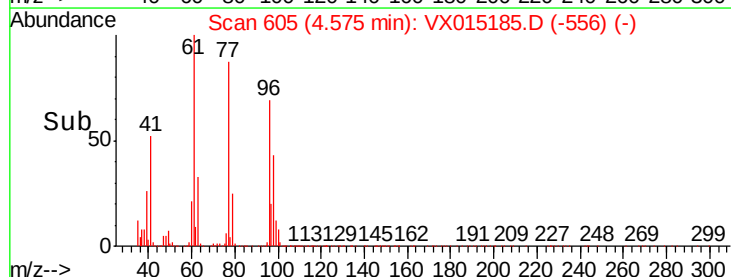
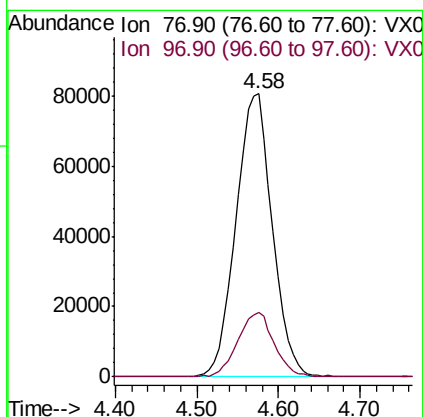
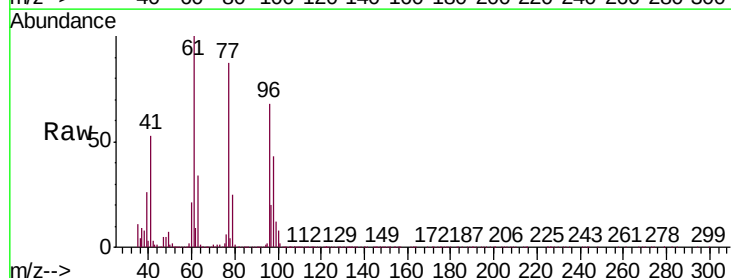
Acq: 11 Mar 2020 08:53

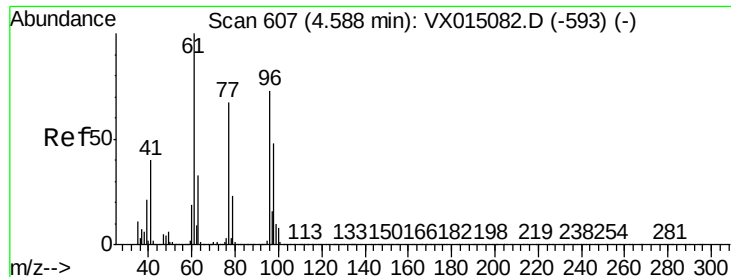
Tgt Ion: 77 Resp: 247474

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4



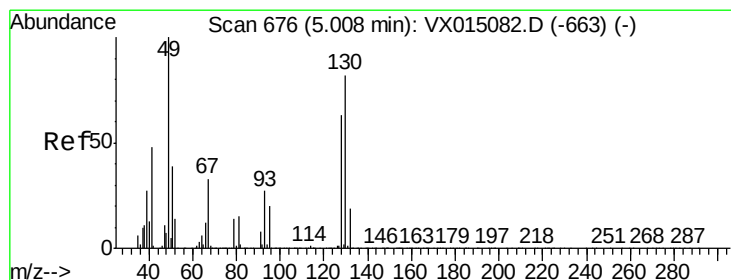
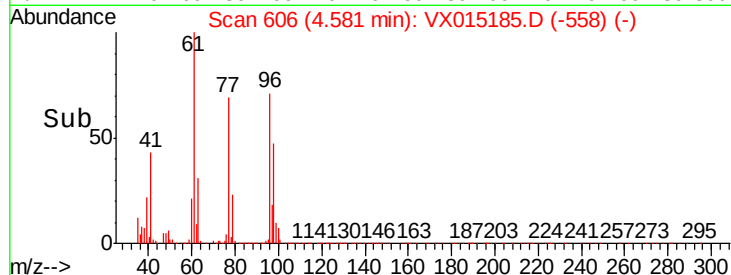
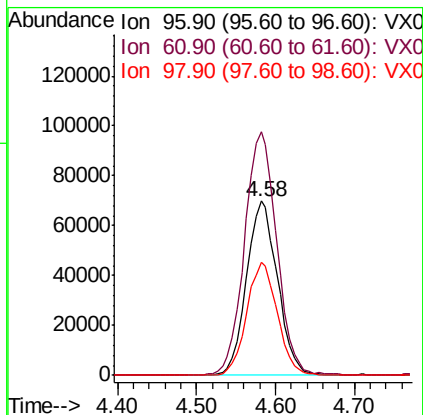
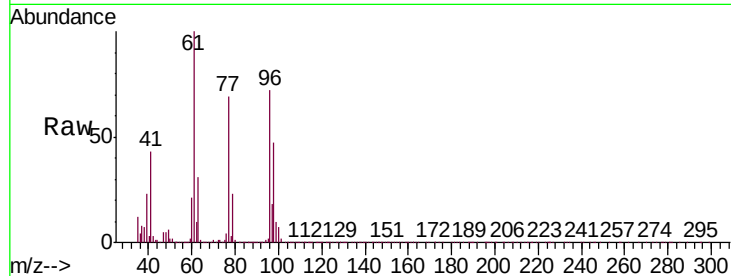


#27

cis-1,2-Dichloroethene
Concen: 46.473 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

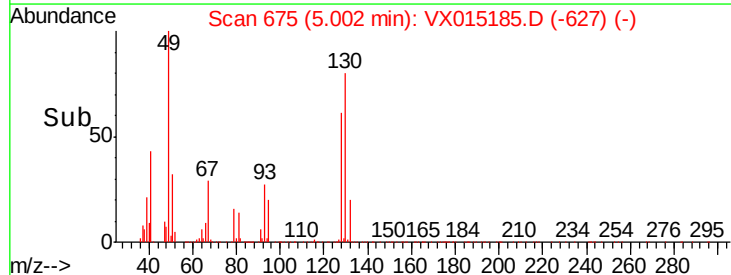
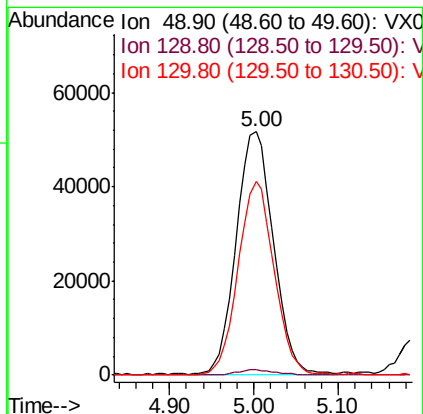
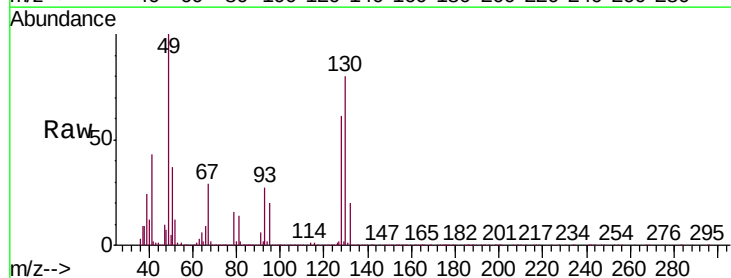
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	286.8
98	63.6	0.0	128.4

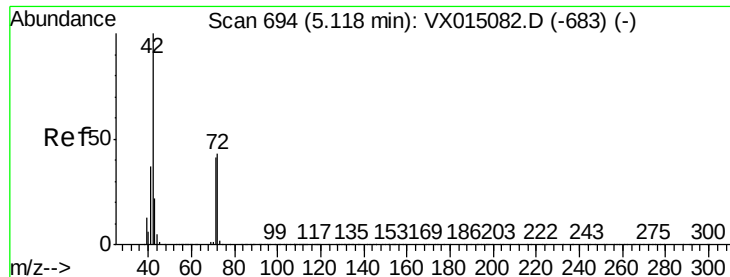


#28

Bromochloromethane
Concen: 50.966 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	77.2	65.0	97.6





#29

Tetrahydrofuran

Concen: 224.202 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

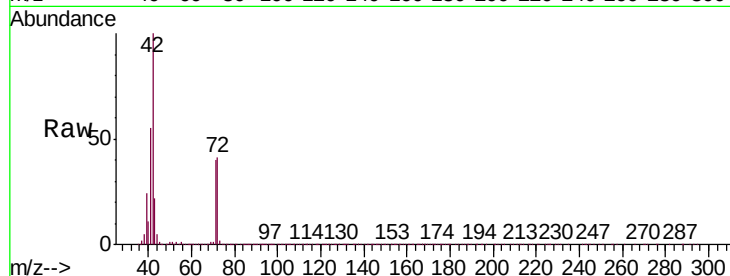
Tgt Ion: 42 Resp: 359359

Ion Ratio Lower Upper

42 100

72 43.7 36.4 54.6

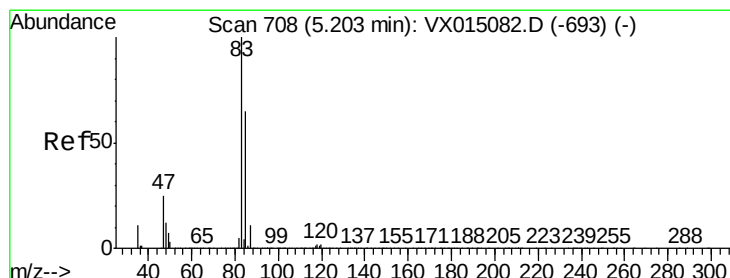
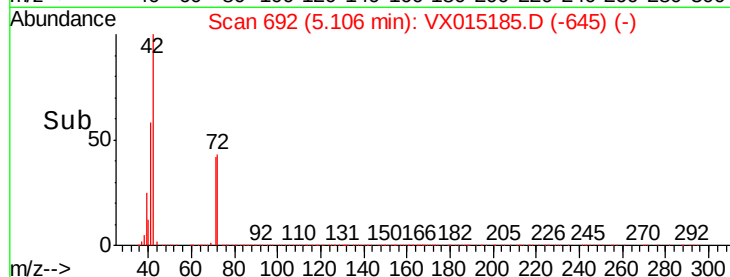
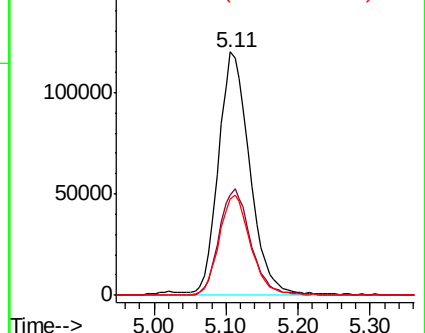
71 41.2 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.335 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015185.D

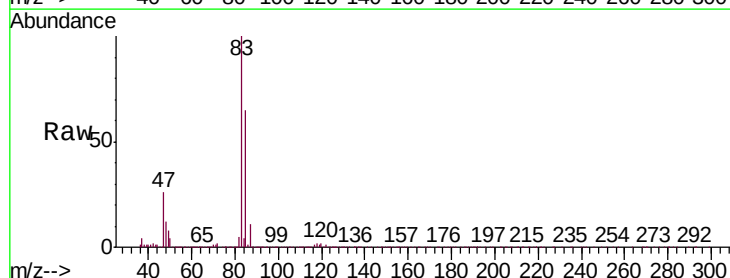
Acq: 11 Mar 2020 08:53

Tgt Ion: 83 Resp: 305571

Ion Ratio Lower Upper

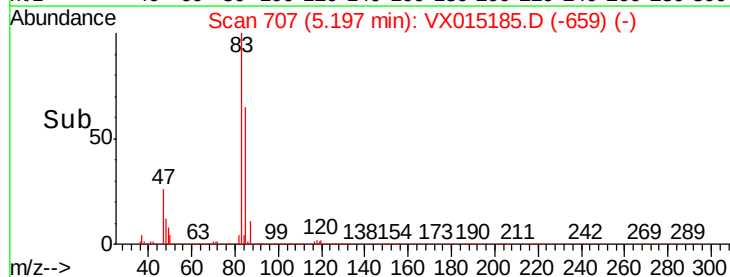
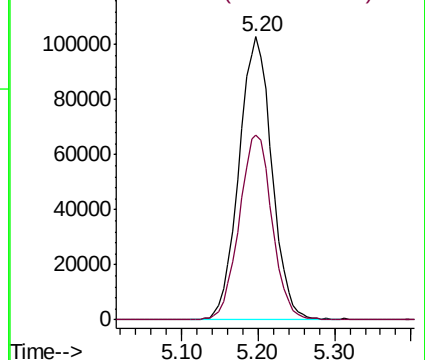
83 100

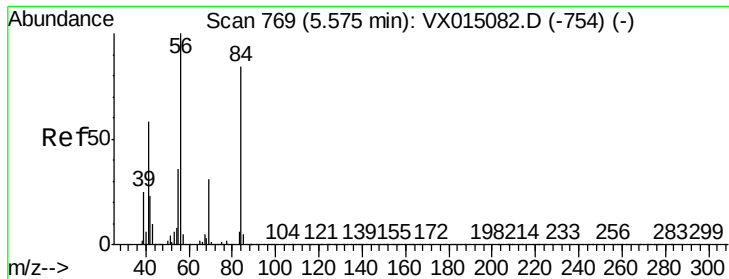
85 65.3 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

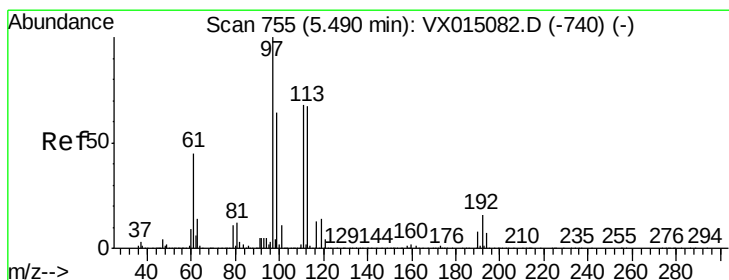
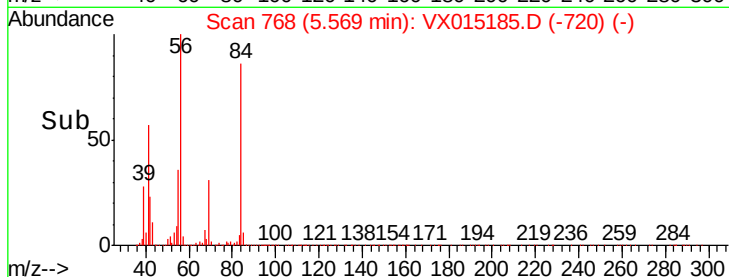
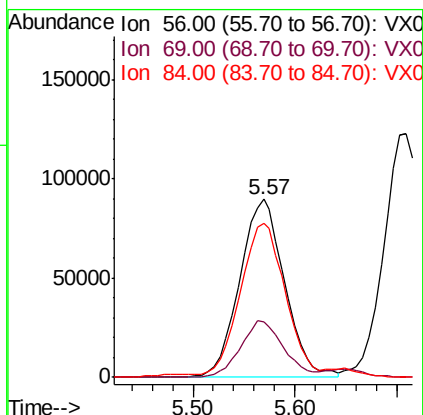
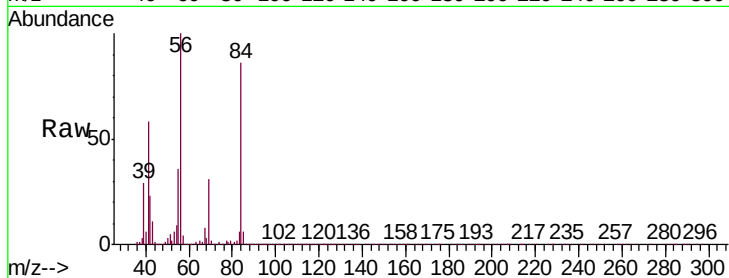




#31
Cyclohexane
Concen: 46.049 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

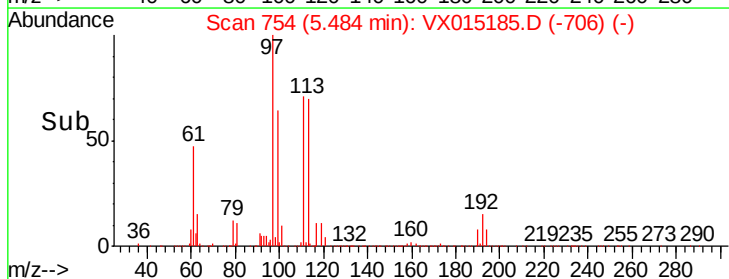
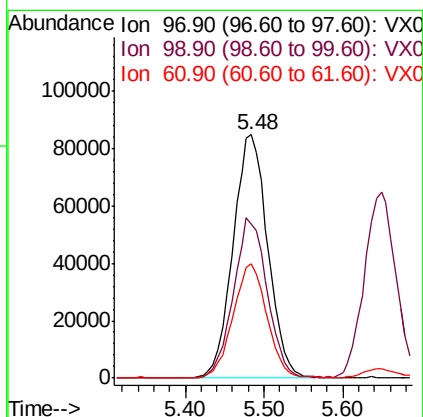
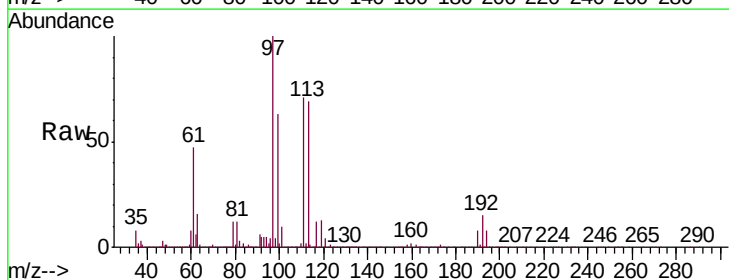
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

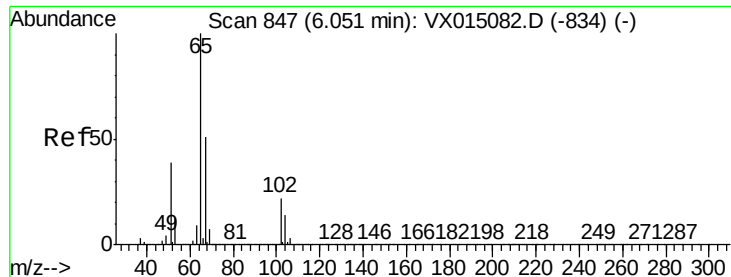
Tgt Ion: 56 Resp: 272051
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 85.1 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 48.369 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 97 Resp: 258838
Ion Ratio Lower Upper
97 100
99 64.4 52.8 79.2
61 46.4 36.6 54.8

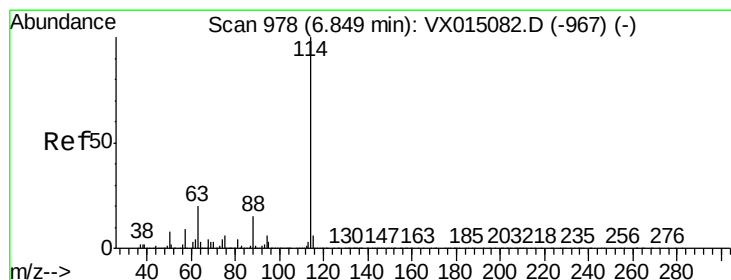
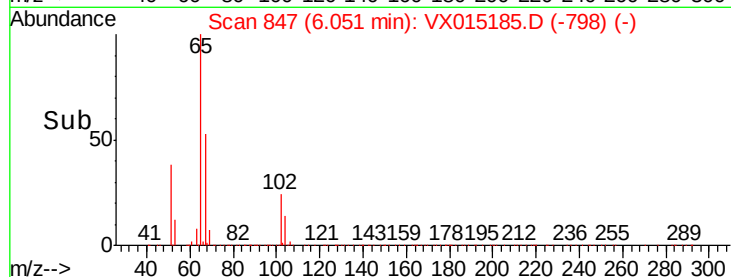
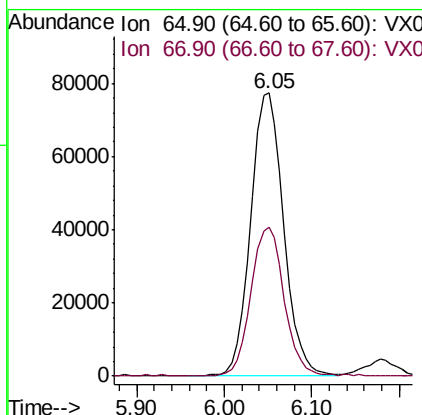
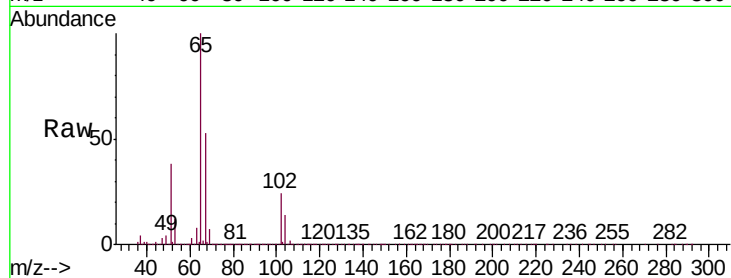




#33
 1,2-Dichloroethane-d4
 Concen: 48.207 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

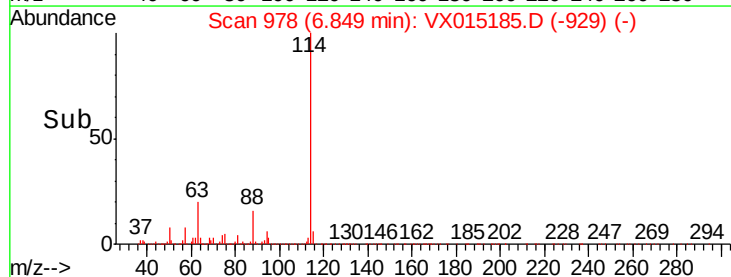
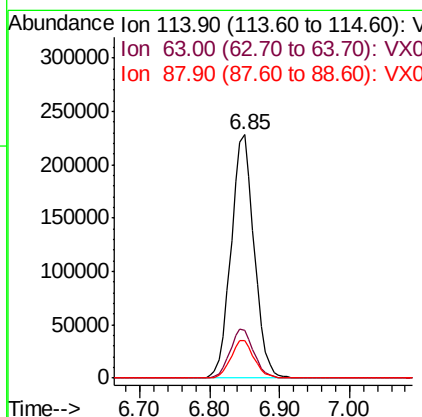
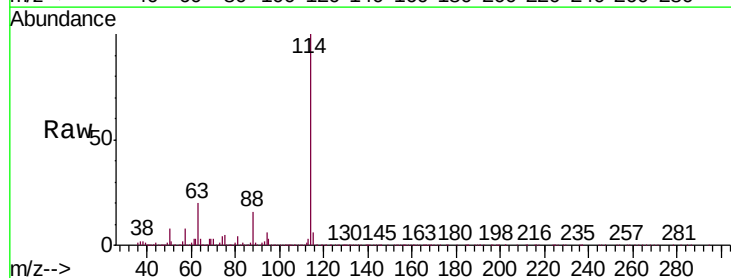
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

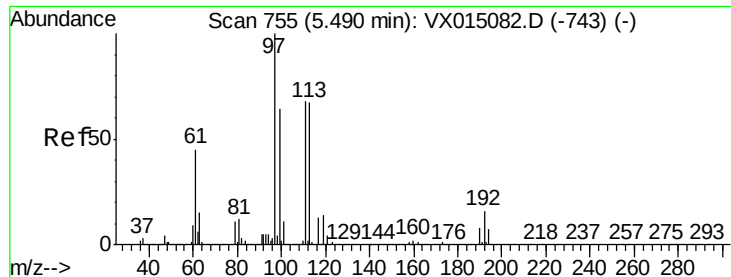
Tgt Ion: 65 Resp: 202175
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 114 Resp: 520593
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 30.6

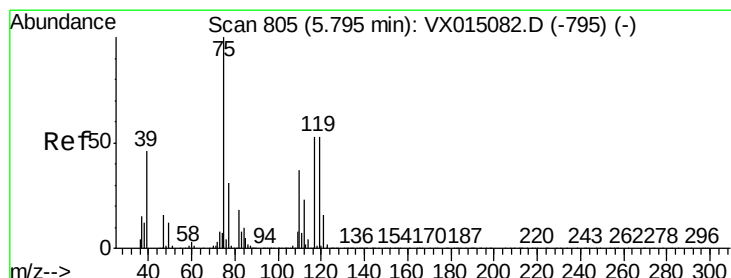
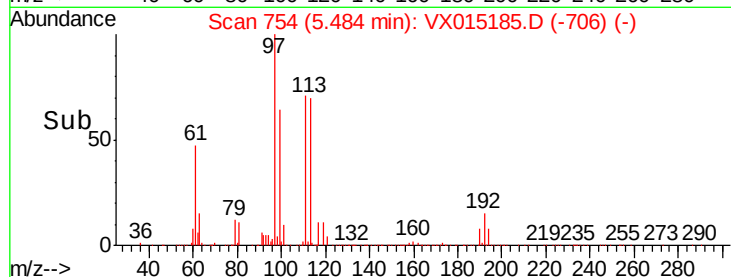
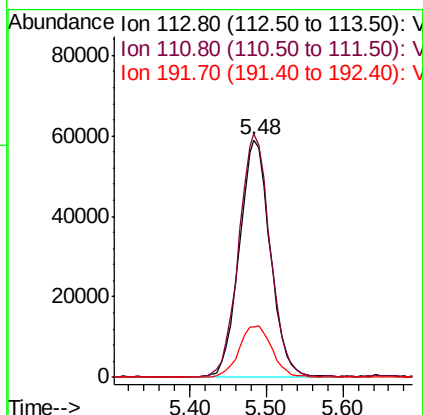
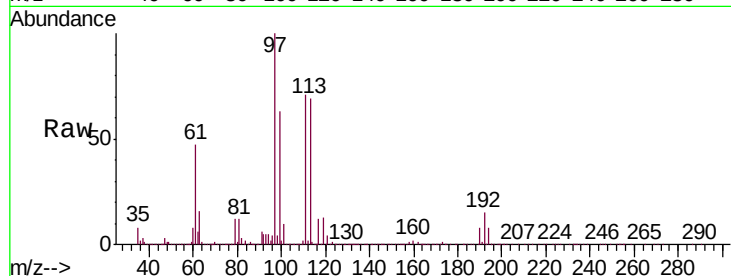




#35
 Dibromofluoromethane
 Concen: 50.231 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

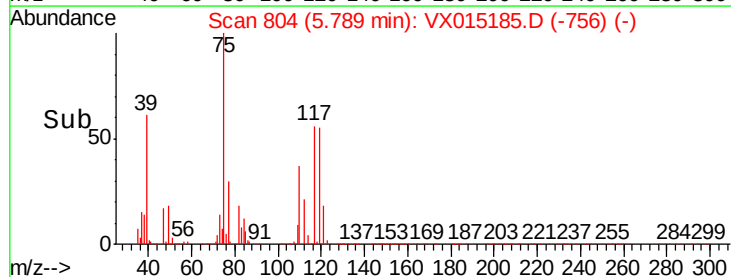
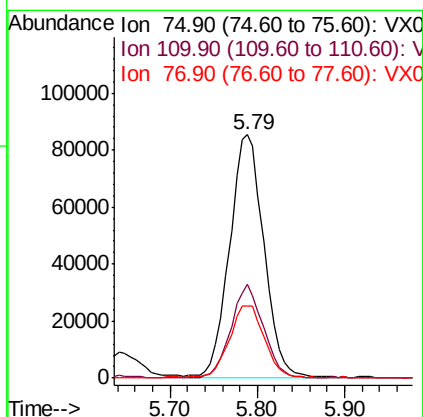
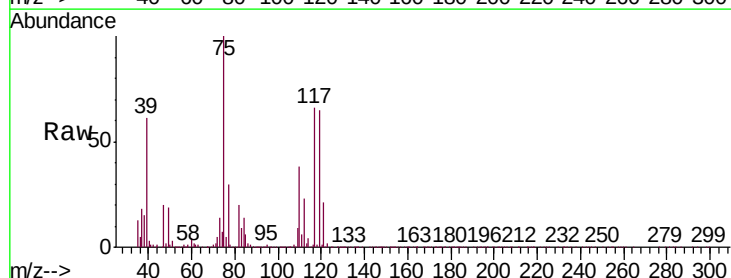
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

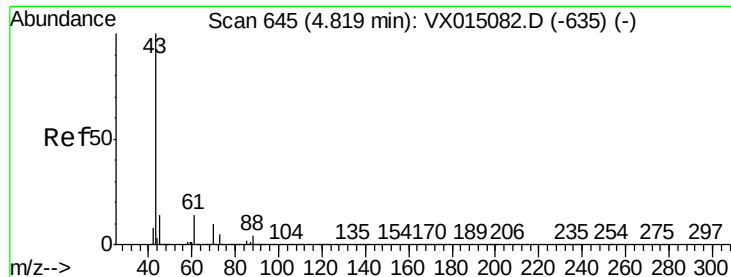
Tgt Ion:113 Resp: 164972
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.6 123.8
 192 23.2 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 47.977 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 75 Resp: 230899
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.9 53.8
 77 30.5 24.8 37.2

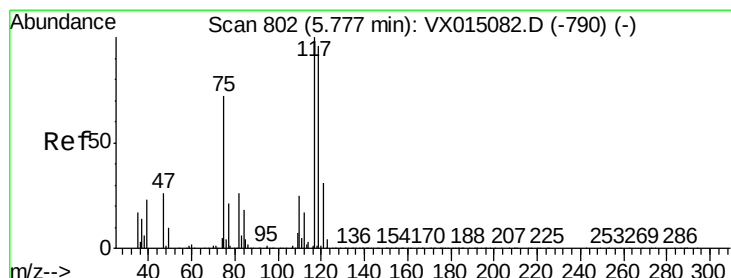
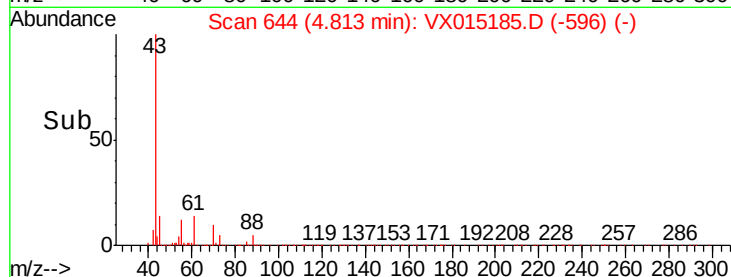
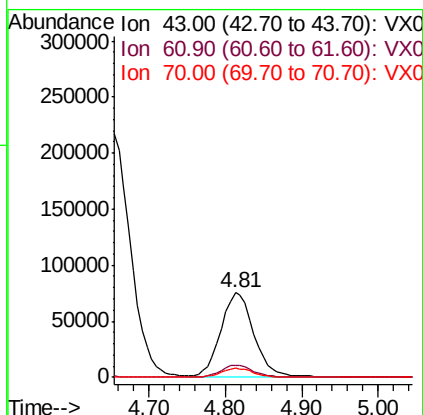
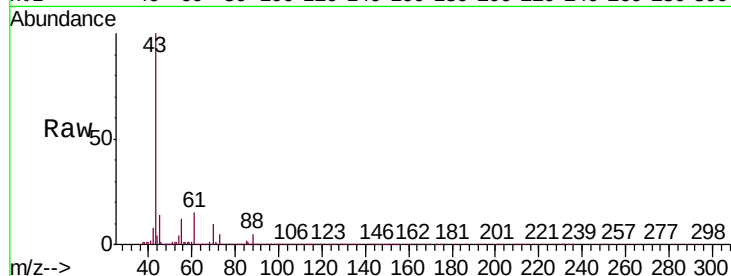




#37
Ethyl Acetate
Concen: 49.741 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

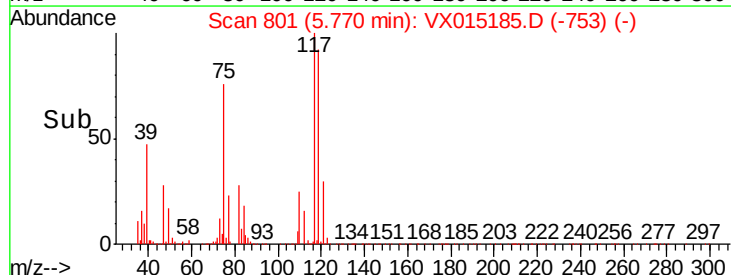
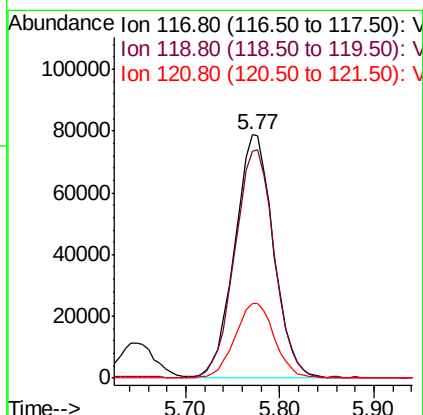
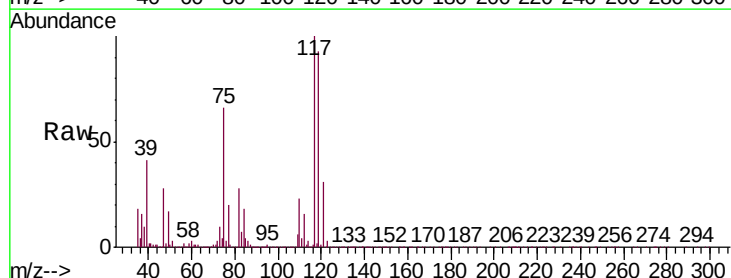
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

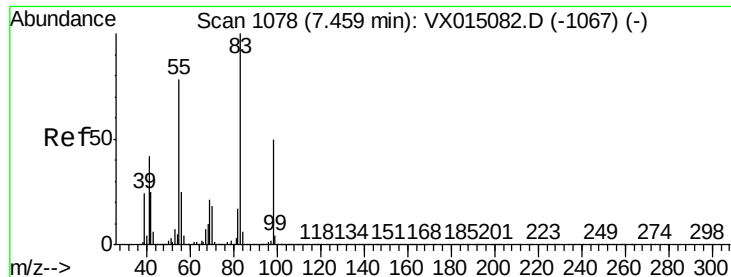
Tgt Ion:	43	Resp:	222057
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.697 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion:	117	Resp:	225762
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.9	115.3
121	30.5	24.6	37.0

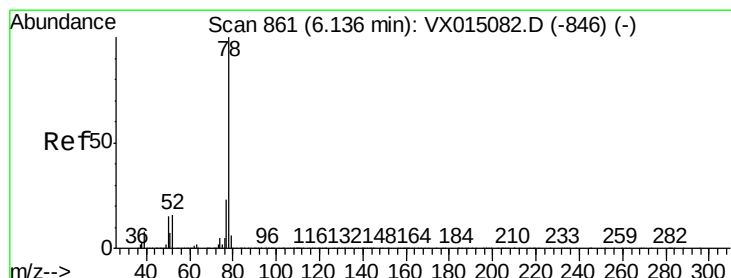
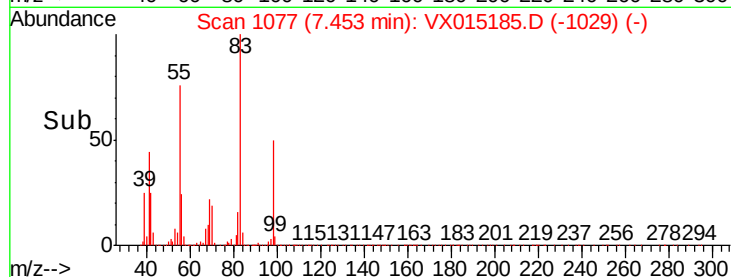
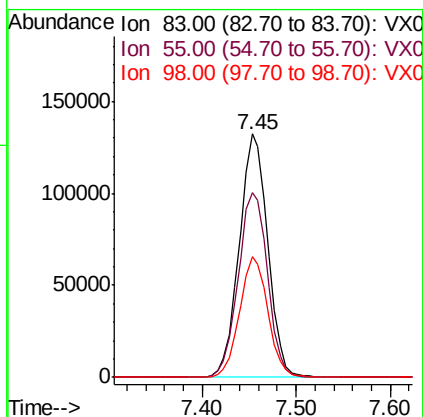
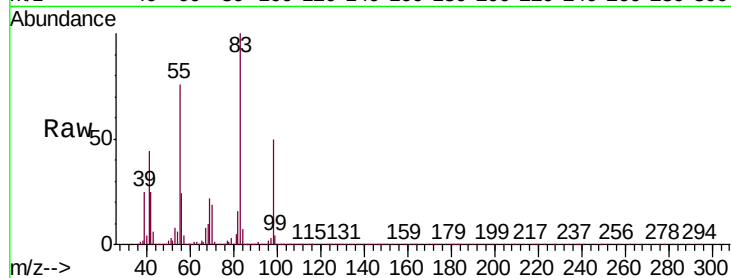




#39
Methylcyclohexane
Concen: 49.571 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

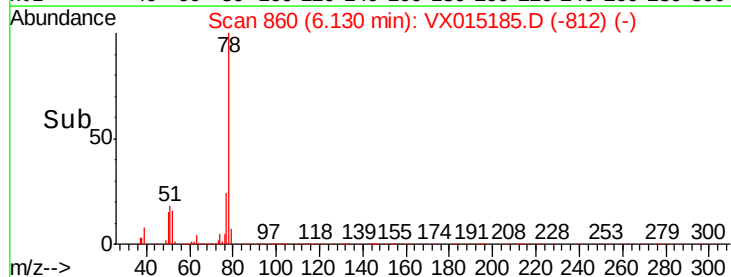
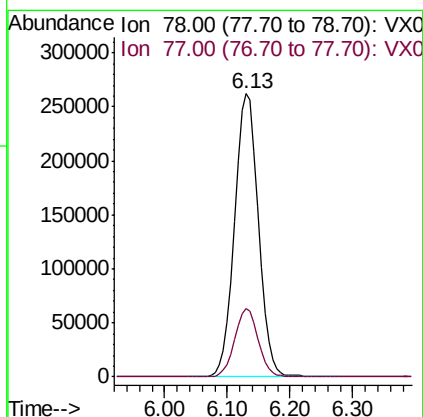
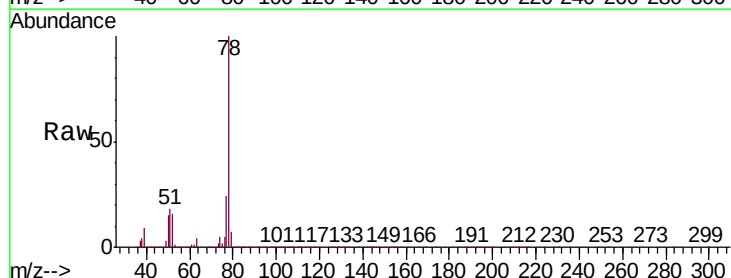
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

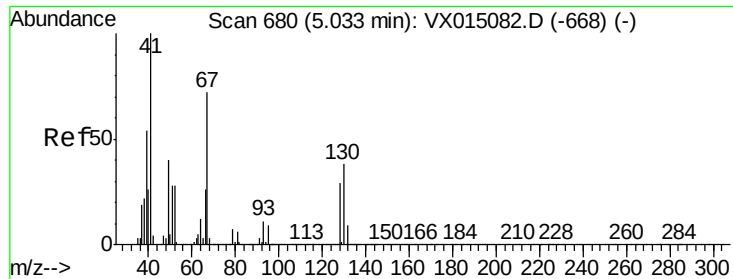
Tgt Ion: 83 Resp: 278569
Ion Ratio Lower Upper
83 100
55 76.0 62.4 93.6
98 49.5 39.7 59.5



#40
Benzene
Concen: 48.305 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 78 Resp: 689726
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

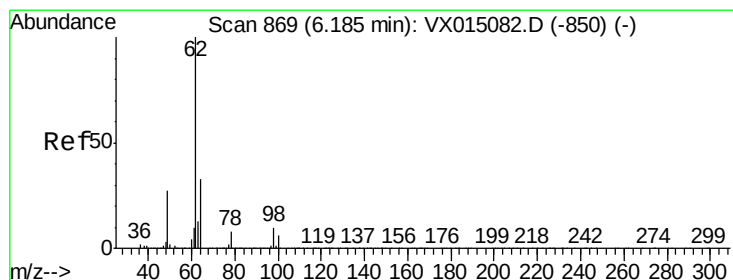
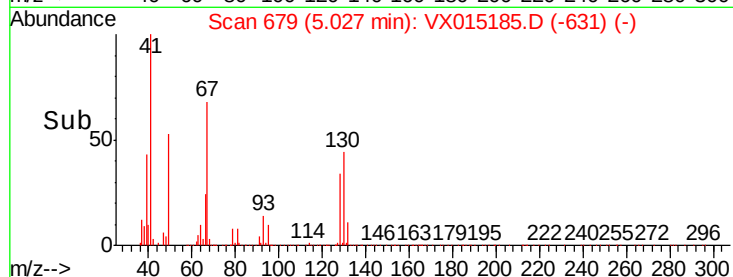
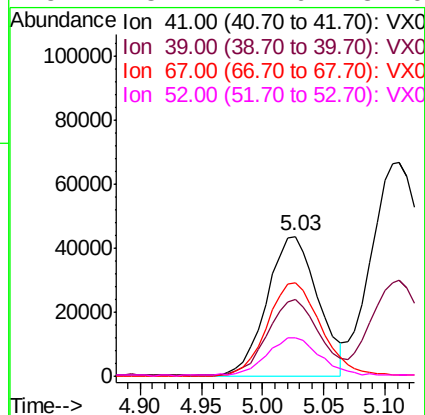
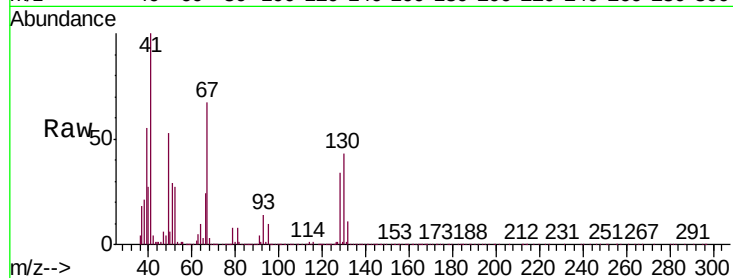




#41
Methacrylonitrile
Concen: 47.267 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

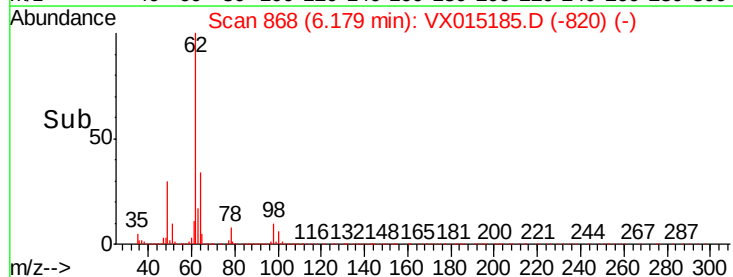
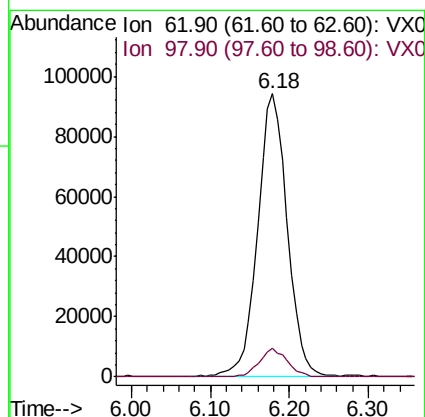
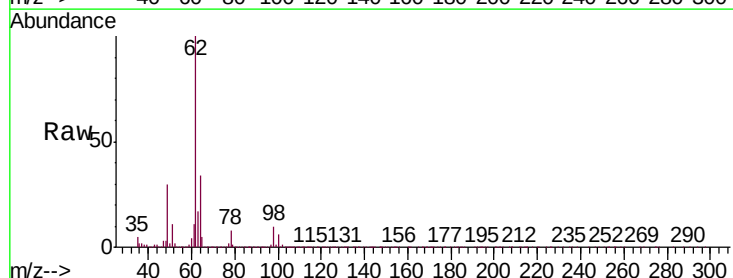
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

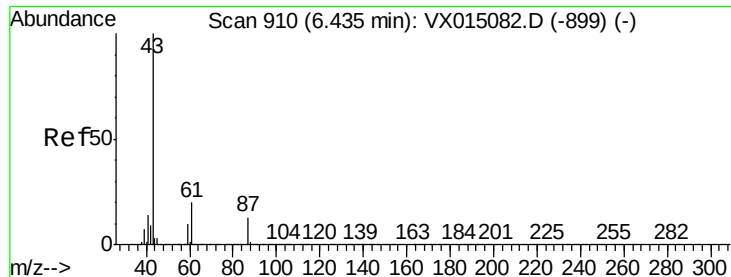
Tgt Ion:	41	Resp:	126745
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.9	65.9
67	70.3	57.8	86.8
52	28.4	22.6	34.0



#42
1,2-Dichloroethane
Concen: 49.960 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion:	62	Resp:	244975
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 47.533 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

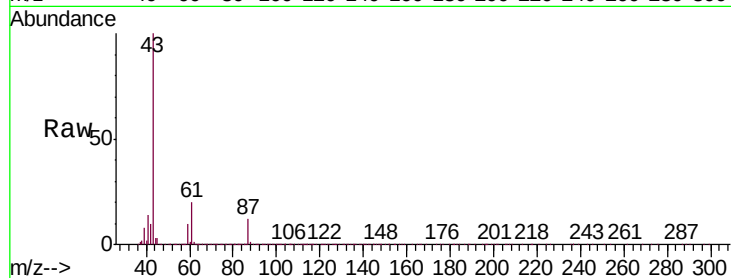
Tgt Ion: 43 Resp: 373302

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX015082.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX015082.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX015082.D (-899) (-)

6.43

150000

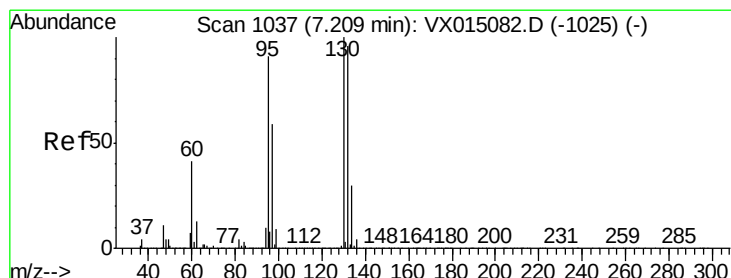
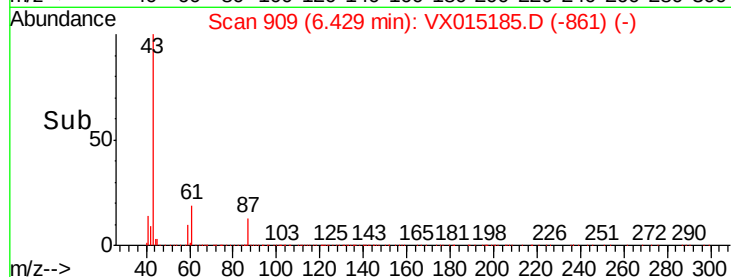
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 47.897 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015185.D

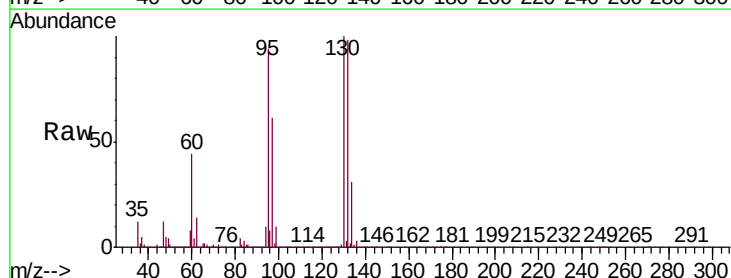
Acq: 11 Mar 2020 08:53

Tgt Ion: 130 Resp: 190460

Ion Ratio Lower Upper

130 100

95 94.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): VX015082.D (-1025) (-)

Ion 94.90 (94.60 to 95.60): VX015082.D (-1025) (-)

7.20

100000

80000

60000

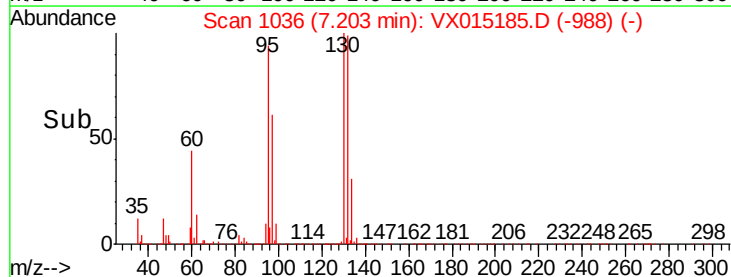
40000

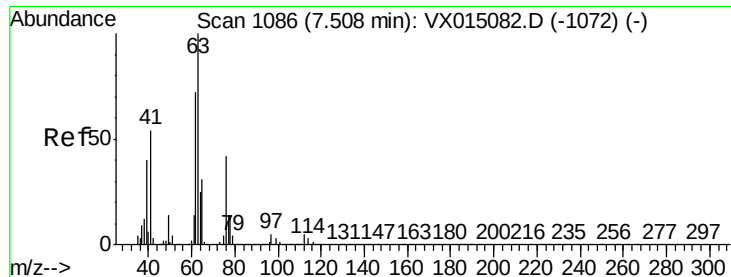
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0

7.10 7.20 7.30

Time-->

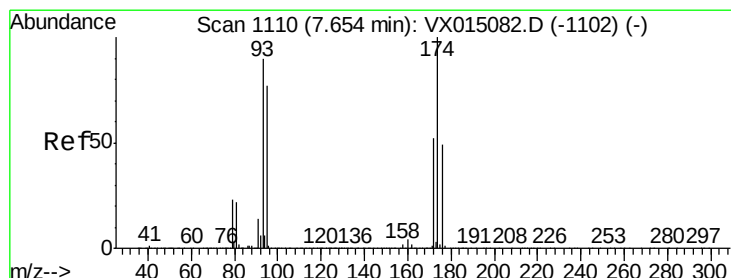
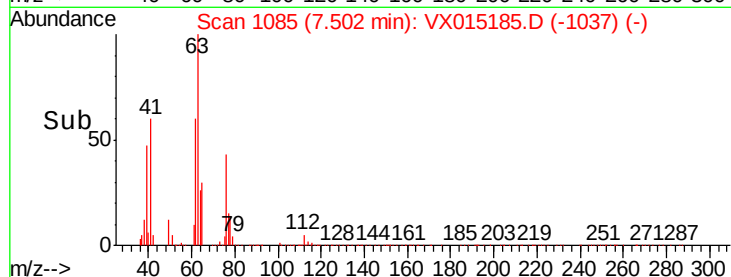
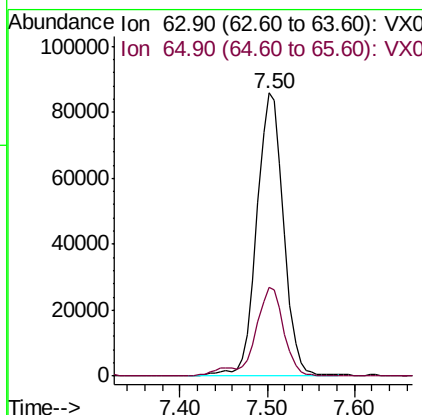
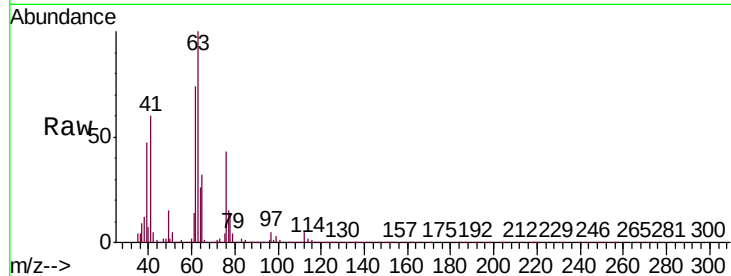




#45
 1,2-Dichloropropane
 Concen: 49.241 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

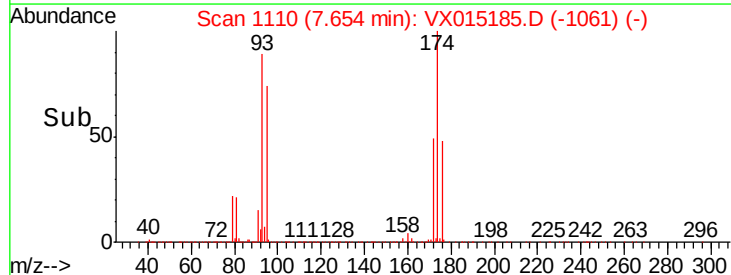
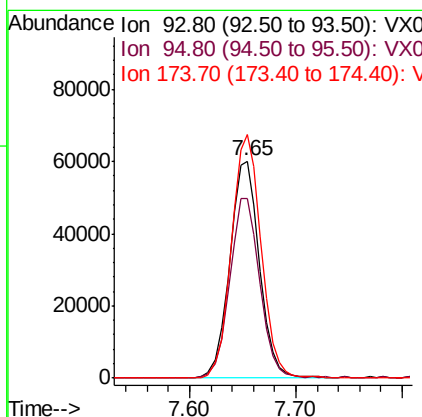
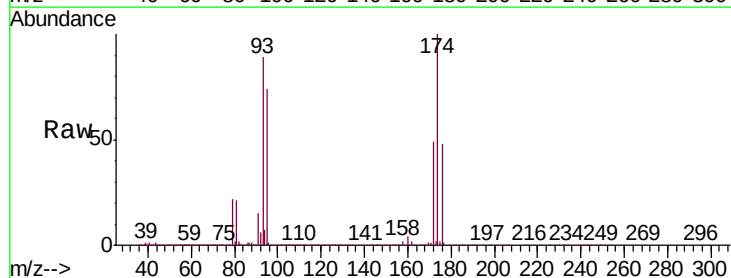
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

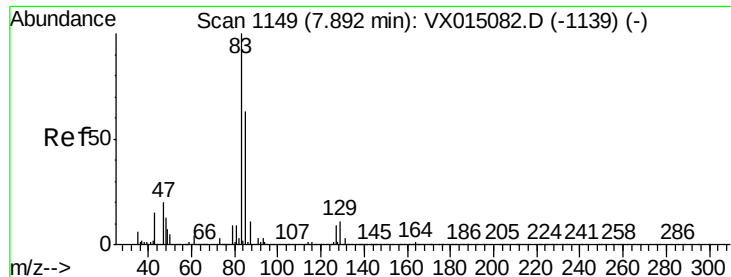
Tgt Ion: 63 Resp: 181986
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 48.590 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 93 Resp: 117014
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.8 101.8
 174 111.6 91.0 136.4

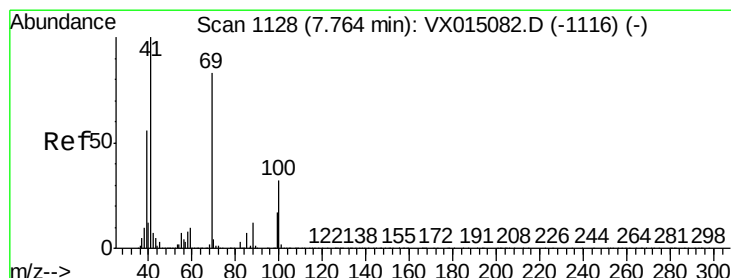
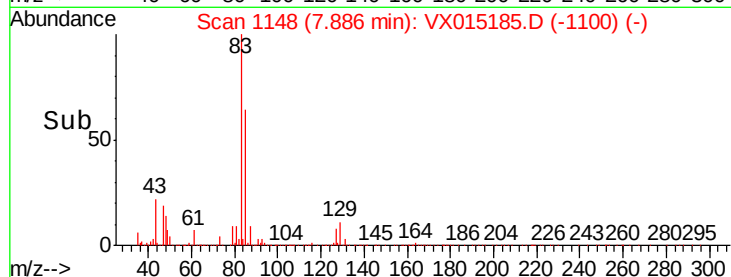
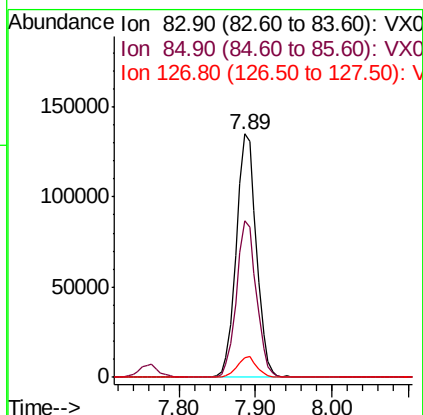
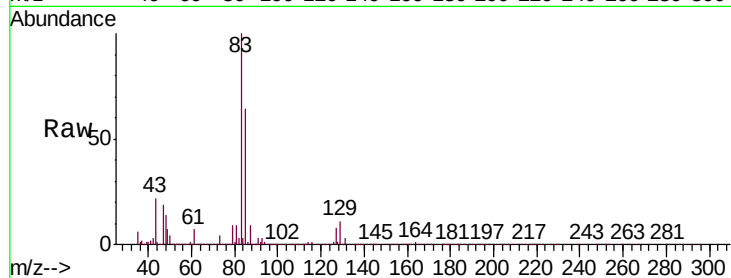




#47
Bromodichloromethane
Concen: 51.359 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

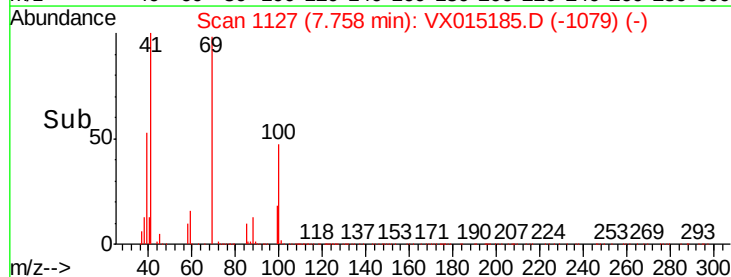
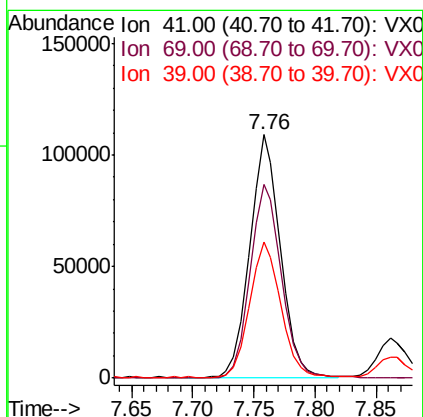
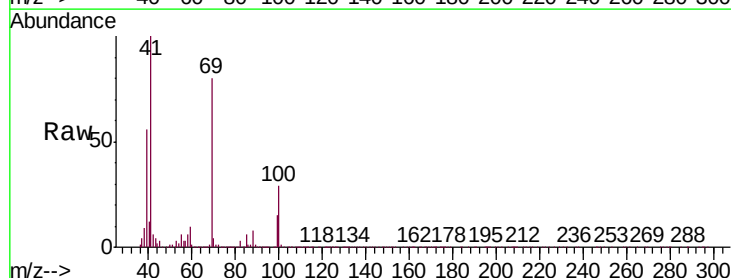
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

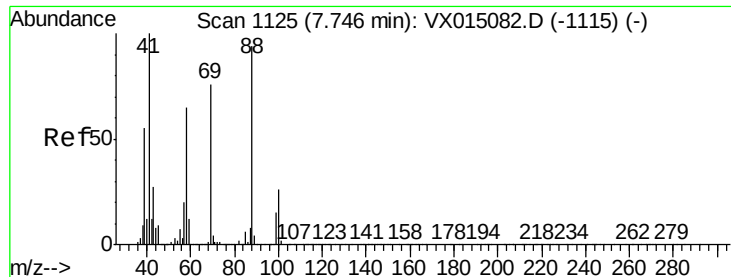
Tgt Ion: 83 Resp: 244582
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 47.166 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 41 Resp: 188531
Ion Ratio Lower Upper
41 100
69 81.9 65.4 98.2
39 57.0 44.6 67.0

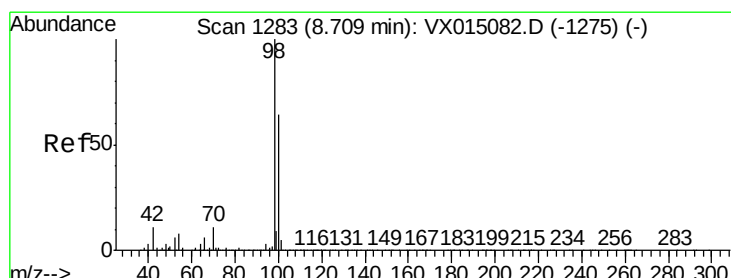
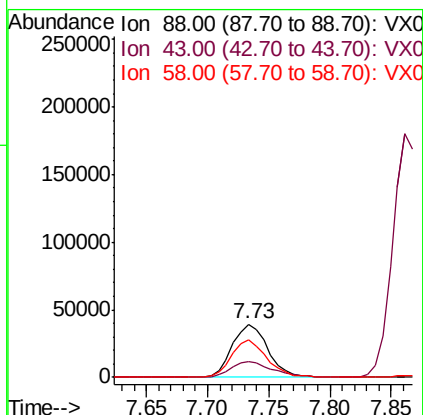
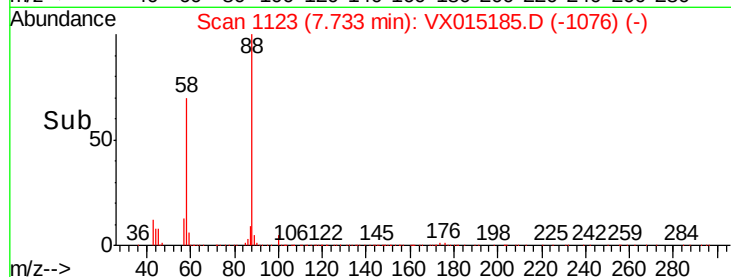
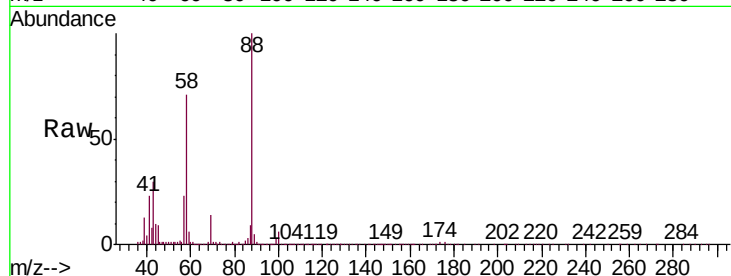




#49
1,4-Dioxane
Concen: 897.588 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

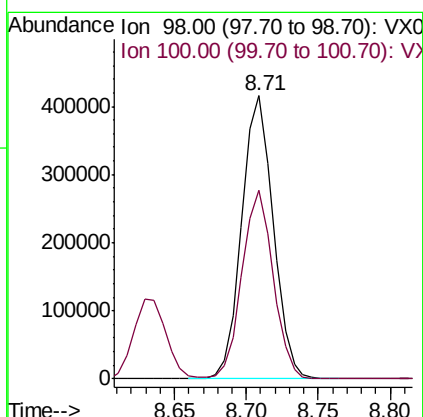
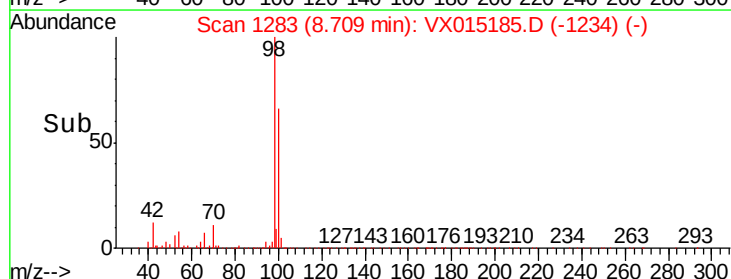
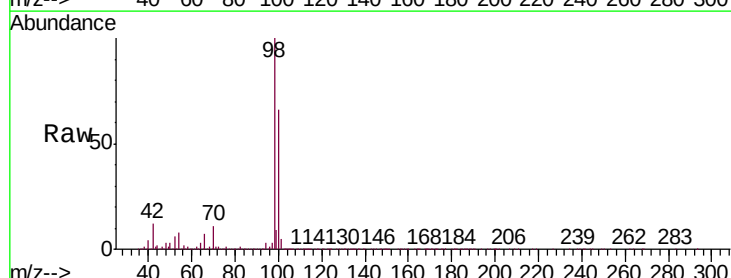
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

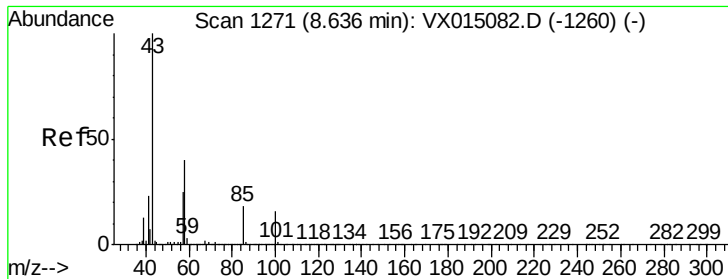
Tgt Ion: 88 Resp: 77572
Ion Ratio Lower Upper
88 100
43 34.1 27.0 40.4
58 69.5 55.6 83.4



#50
Toluene-d8
Concen: 50.370 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 98 Resp: 629260
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

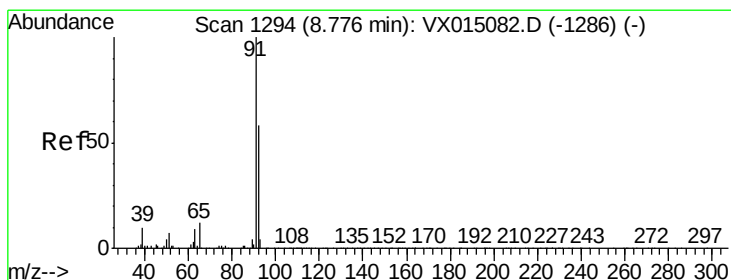
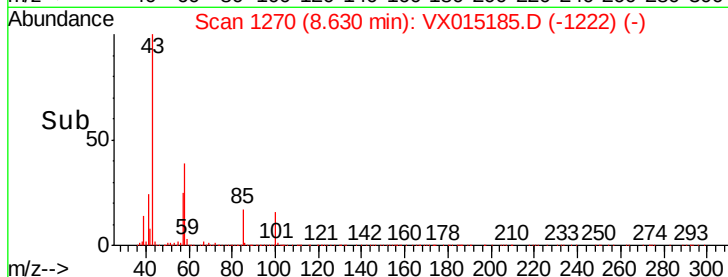
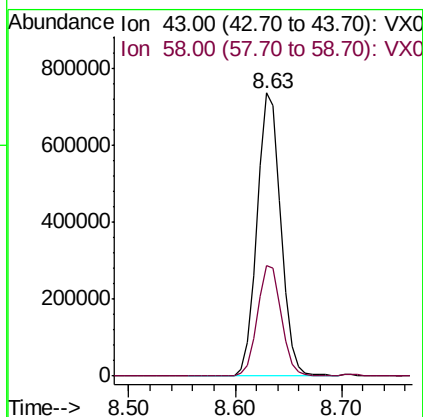
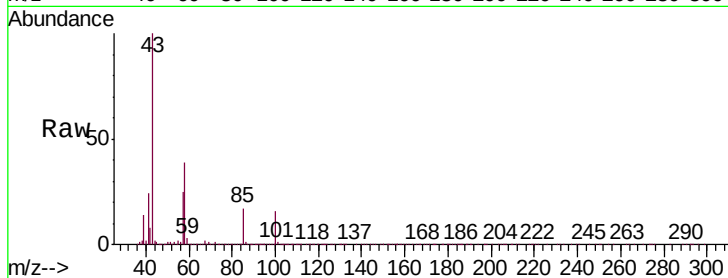




#51
 4-Methyl-2-Pentanone
 Concen: 248.401 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

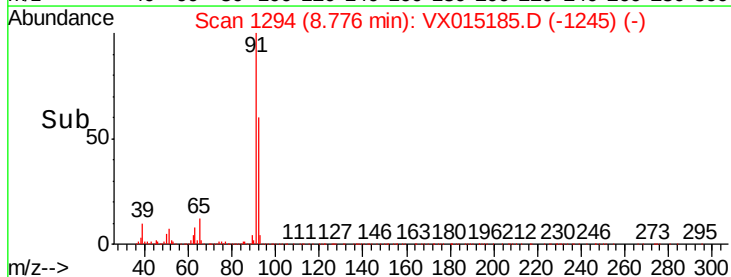
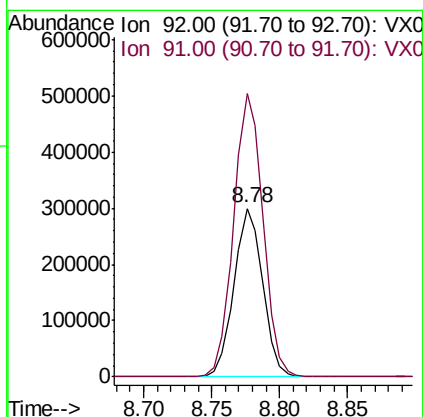
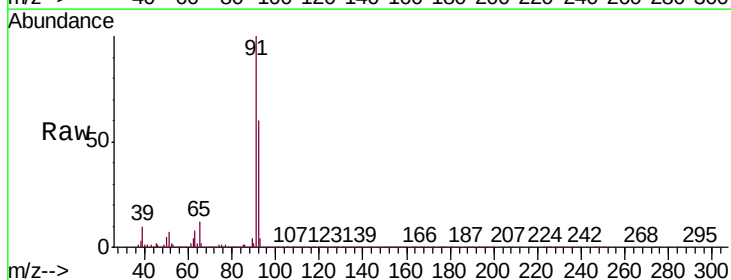
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

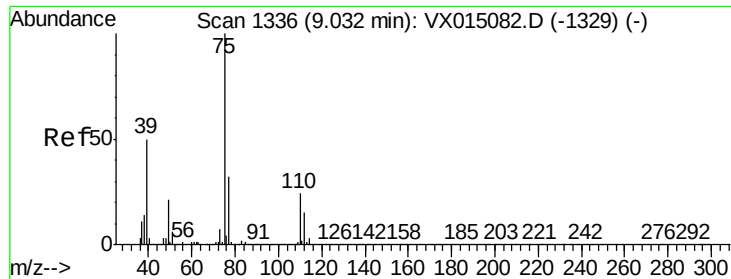
Tgt Ion: 43 Resp: 1153434
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.6 47.4



#52
 Toluene
 Concen: 50.604 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 92 Resp: 441795
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.9 205.3

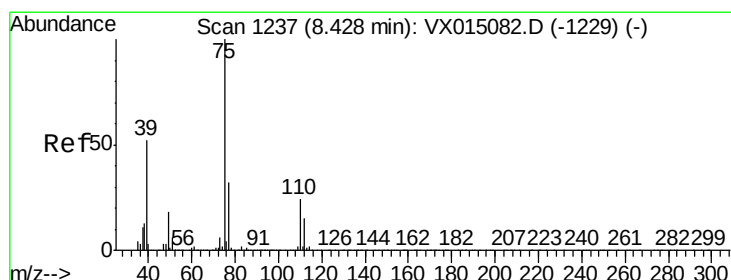
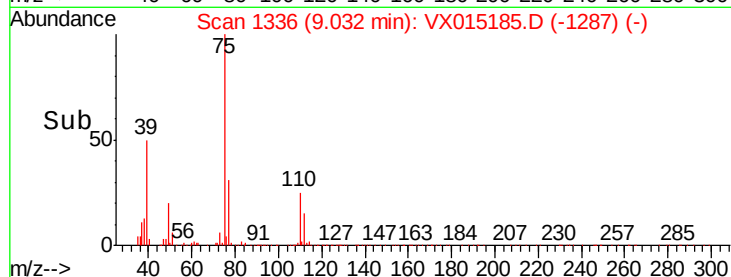
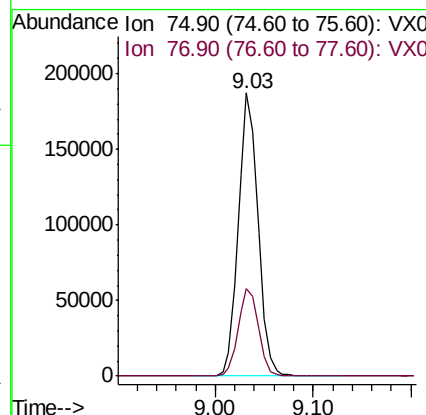
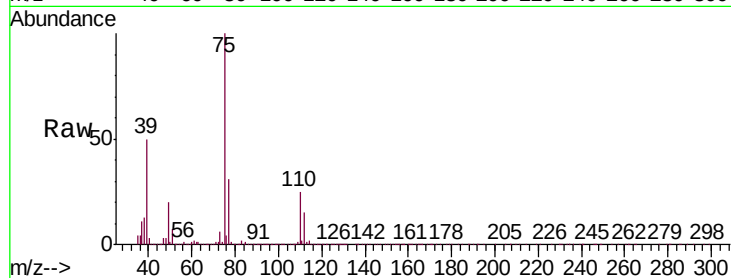




#53
 t-1,3-Dichloropropene
 Concen: 51.432 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

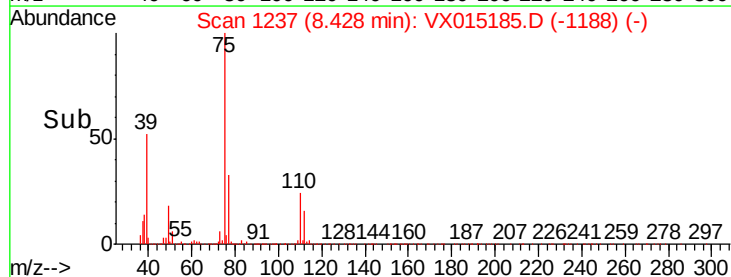
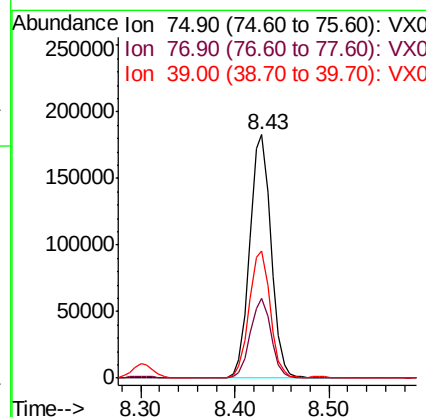
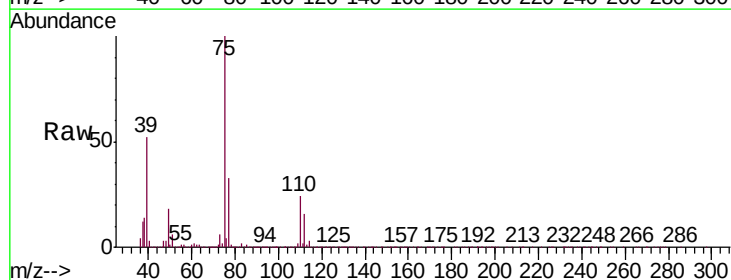
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

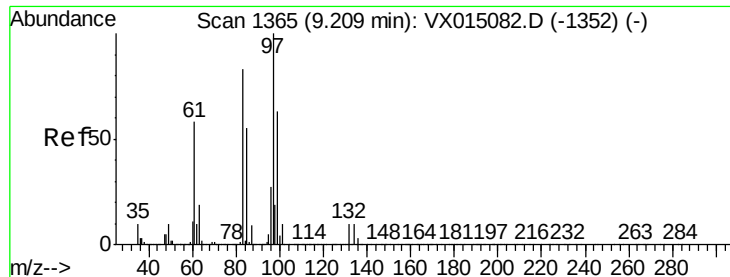
Tgt Ion: 75 Resp: 260695
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.602 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 75 Resp: 289964
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.6
 39 51.9 41.3 61.9

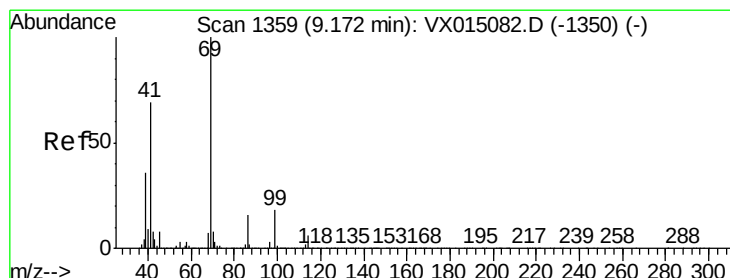
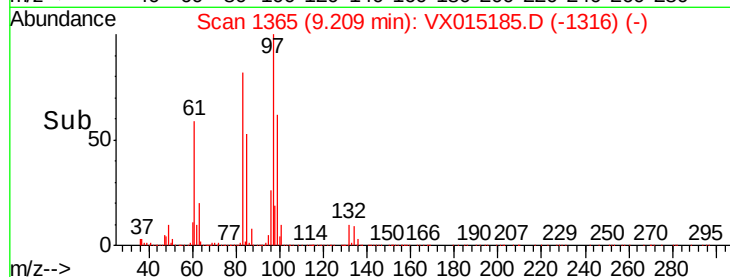
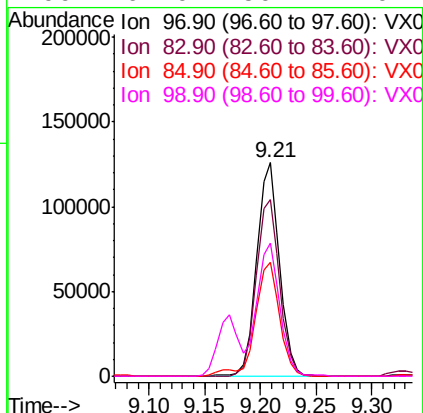
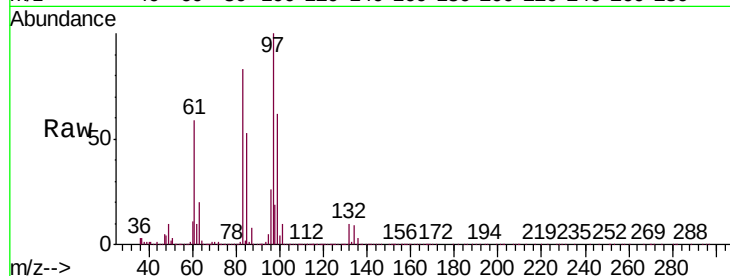




#55
 1,1,2-Trichloroethane
 Concen: 49.880 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

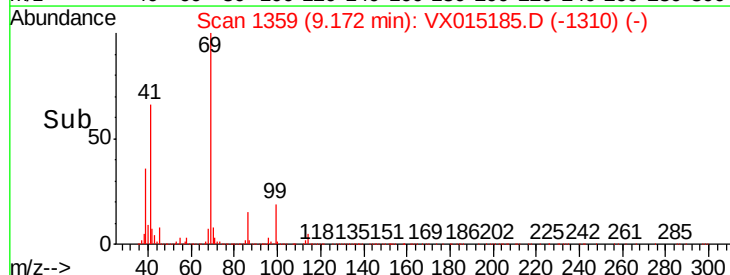
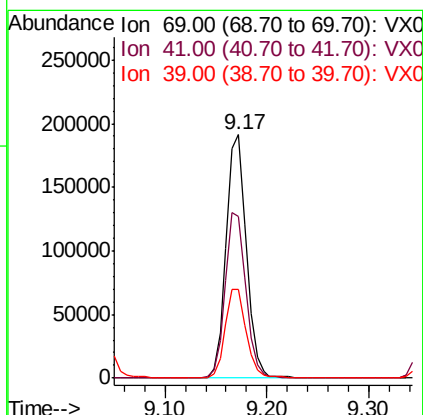
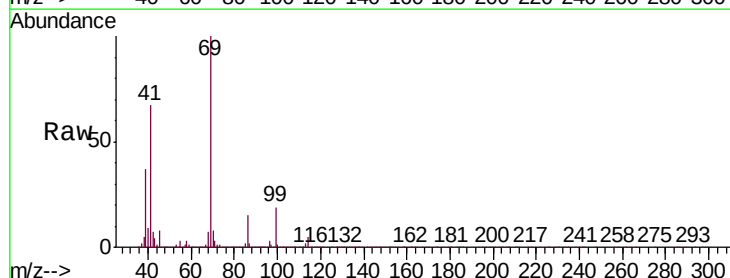
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

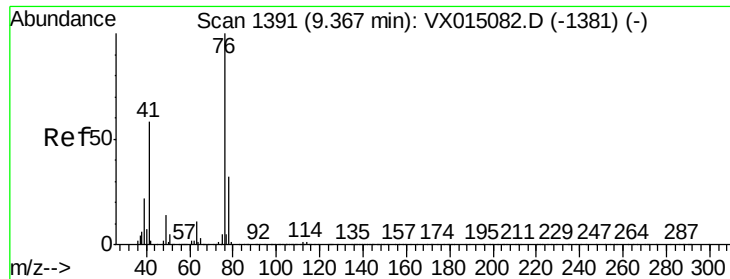
Tgt Ion:	97	Resp:	179239
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.4	99.6
85	53.1	43.5	65.3
99	62.0	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 51.048 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion:	69	Resp:	261649
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.8	83.8
39	37.8	29.4	44.2





#57

1,3-Dichloropropane

Concen: 49.907 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

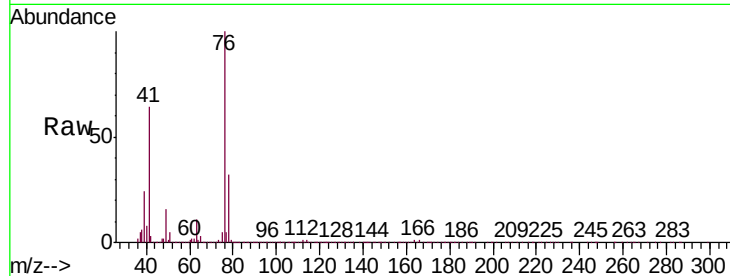
VSTDCCC050

Tgt Ion: 76 Resp: 301709

Ion Ratio Lower Upper

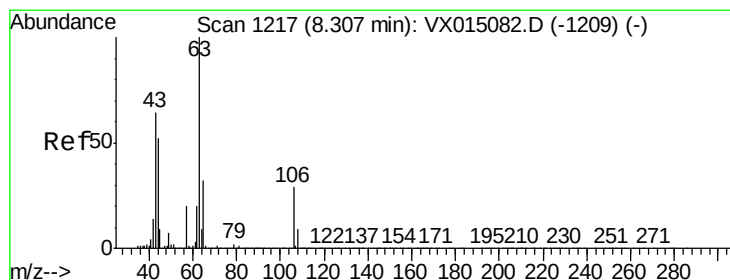
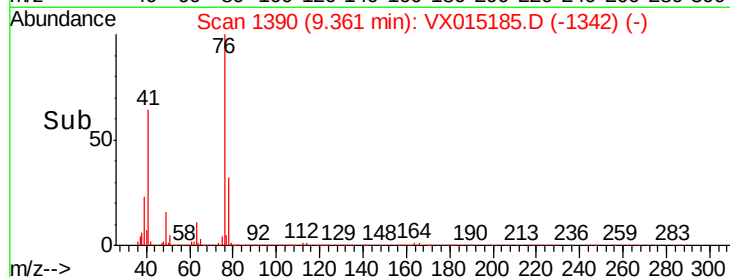
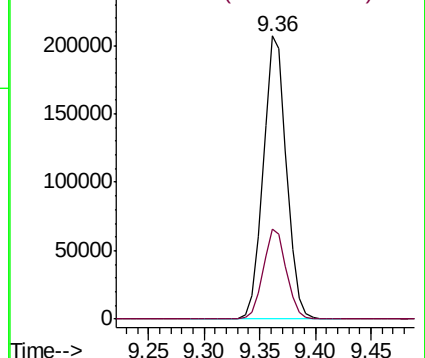
76 100

78 31.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.393 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015185.D

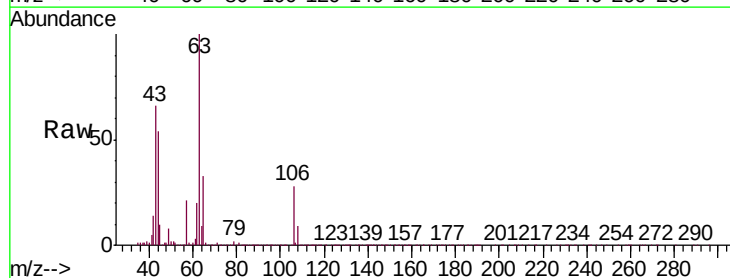
Acq: 11 Mar 2020 08:53

Tgt Ion: 63 Resp: 755006

Ion Ratio Lower Upper

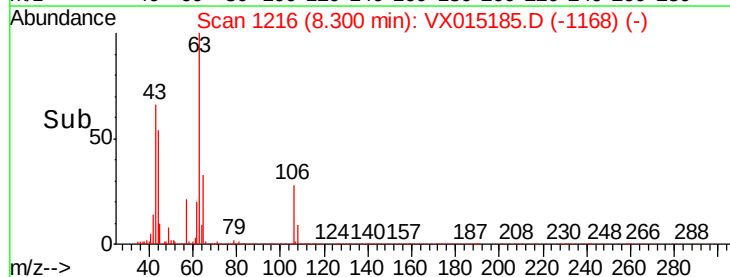
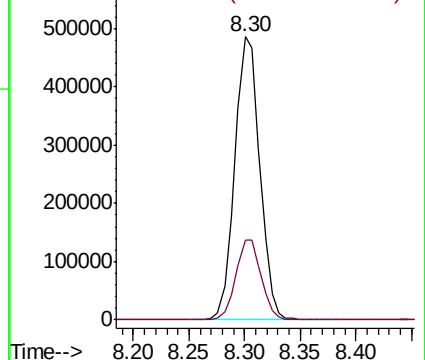
63 100

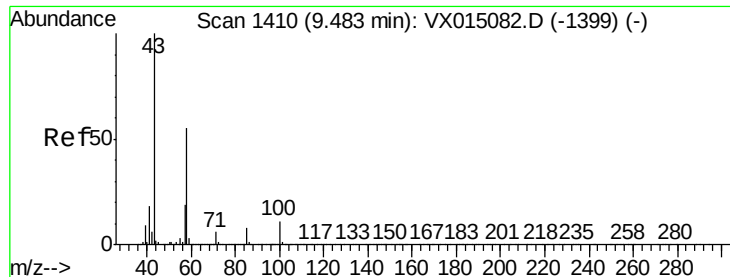
106 28.4 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

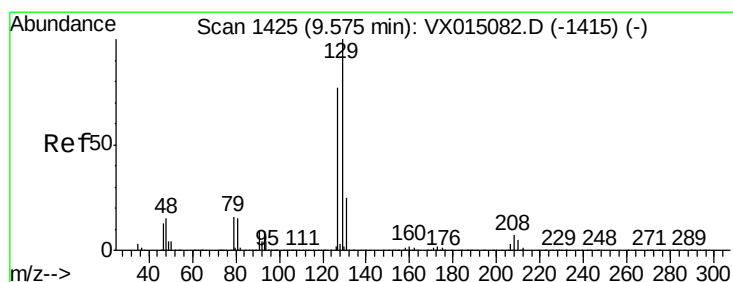
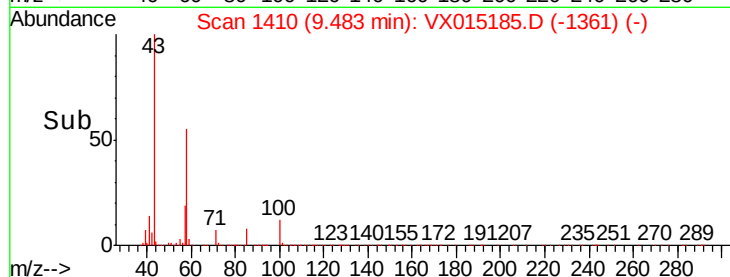
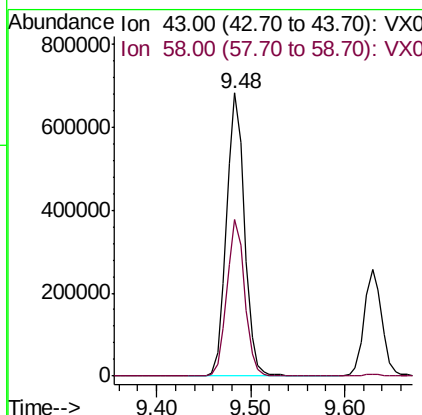
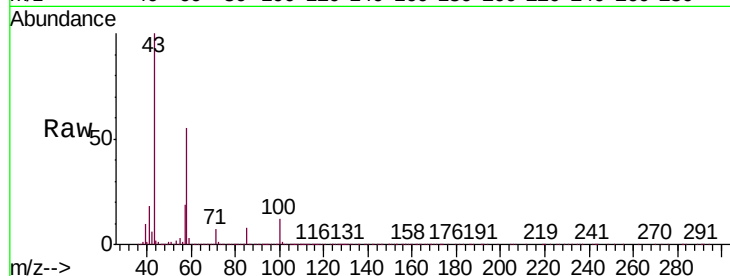




#59
2-Hexanone
Concen: 262.327 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

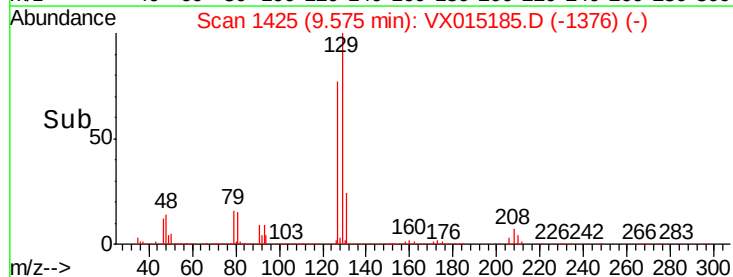
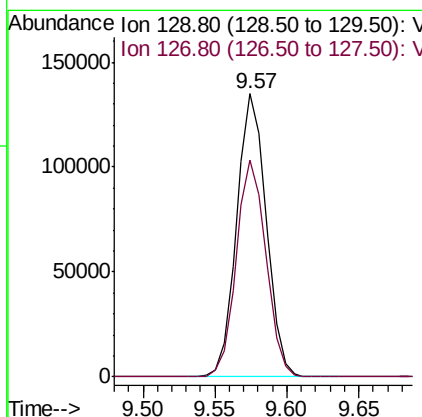
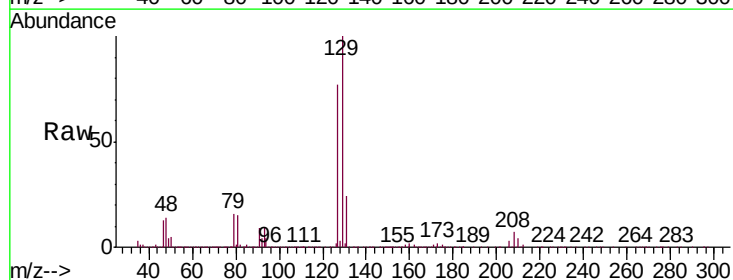
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

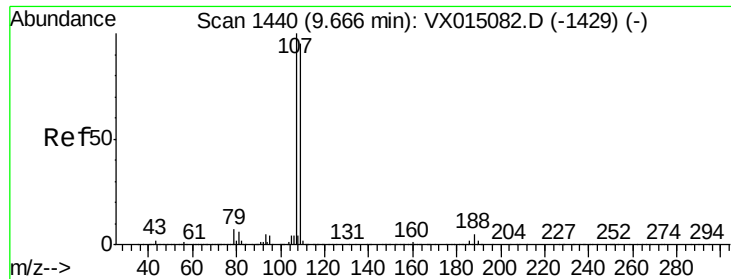
Tgt Ion: 43 Resp: 902837
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8



#60
Dibromochloromethane
Concen: 50.940 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 129 Resp: 192283
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.527 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

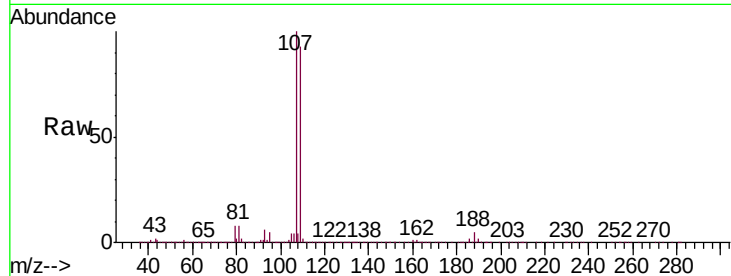
VSTDCCC050

Tgt Ion: 107 Resp: 183157

Ion Ratio Lower Upper

107 100

109 94.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

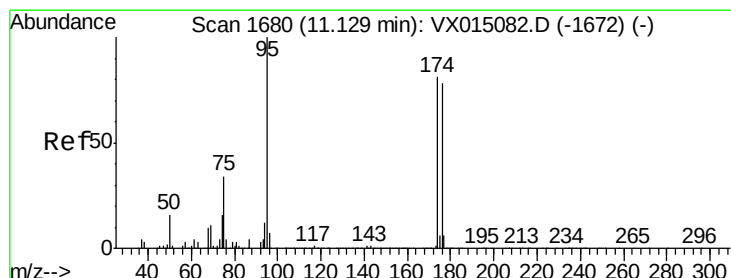
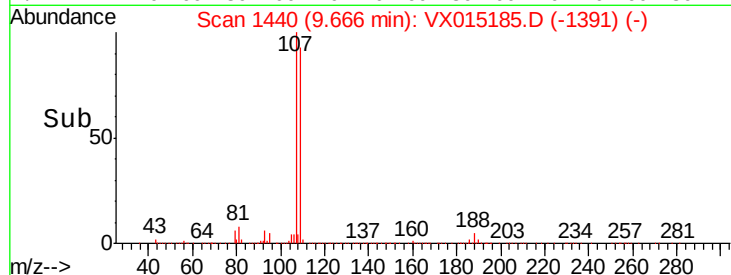
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.048 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

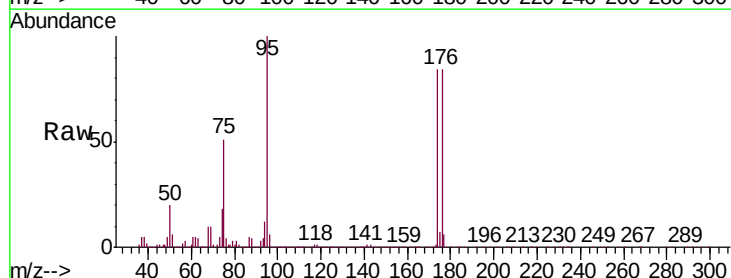
Tgt Ion: 95 Resp: 227475

Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.6

176 87.0 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

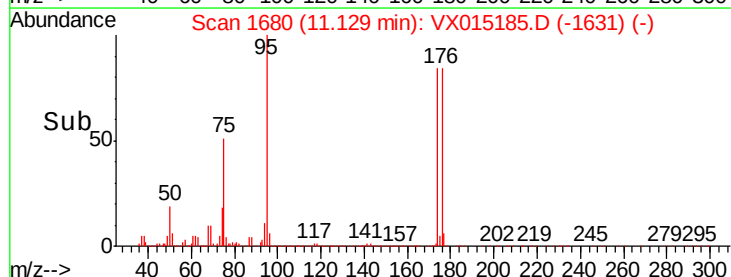
150000

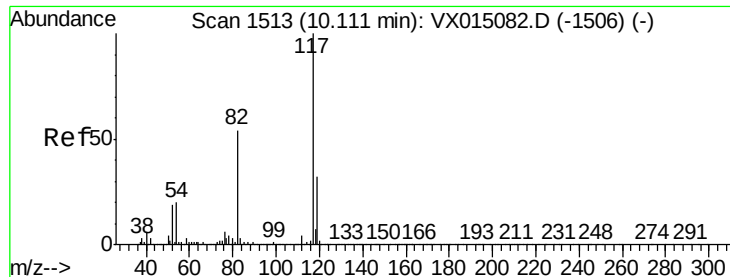
100000

50000

0

Time-->

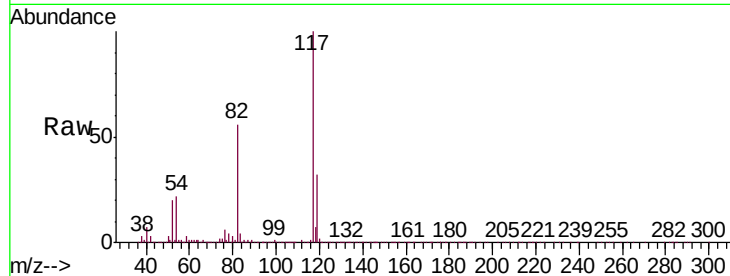




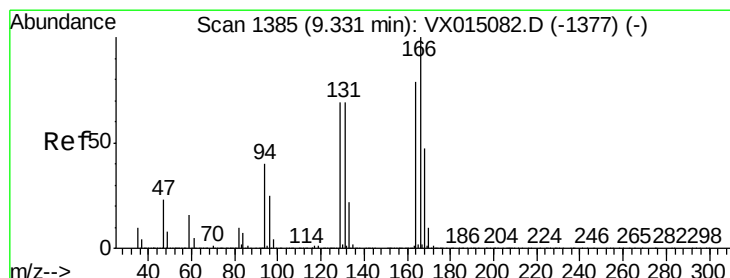
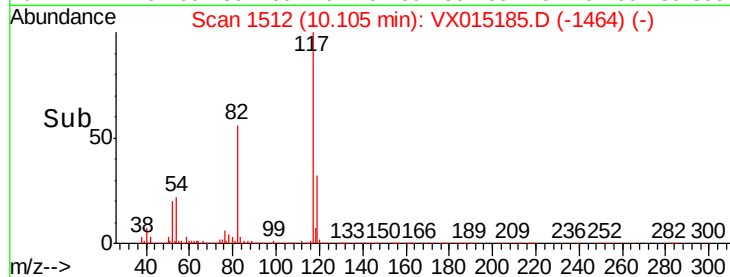
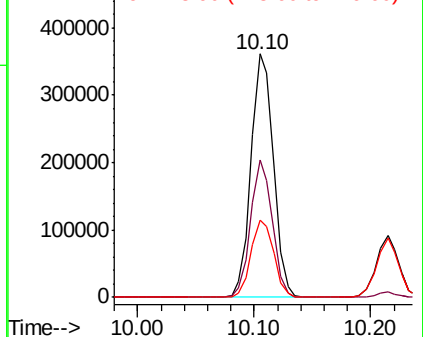
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	31.9	25.8	38.8



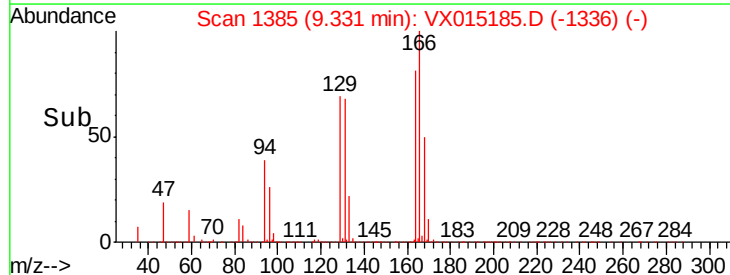
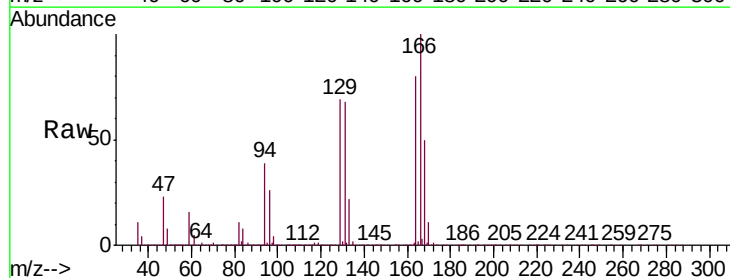
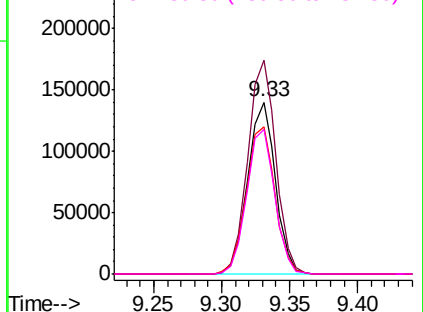
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

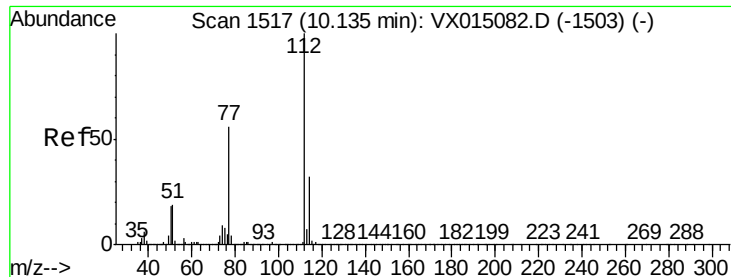


#64
Tetrachloroethene
Concen: 49.745 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.1	151.7
129	86.0	69.4	104.0
131	84.4	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: 48.829 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

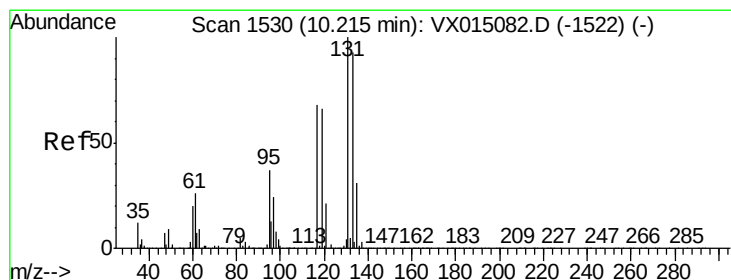
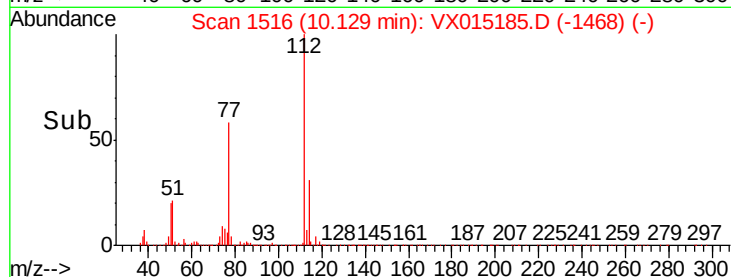
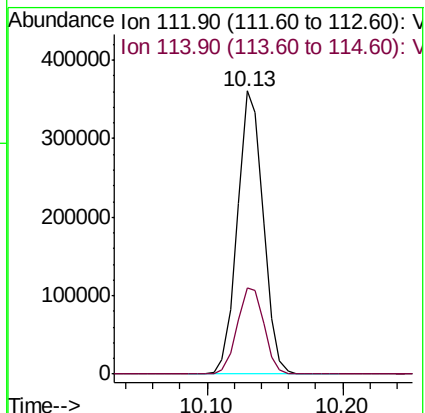
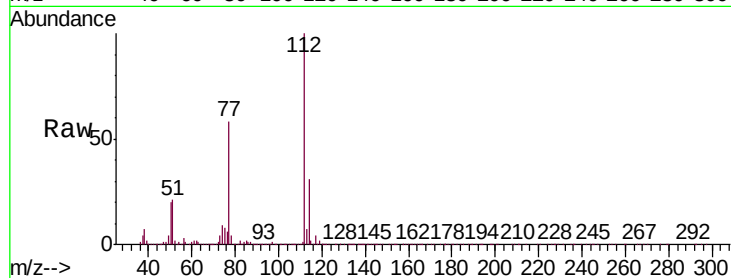
VSTDCCC050

Tgt Ion:112 Resp: 476786

Ion Ratio Lower Upper

112 100

114 30.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.190 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

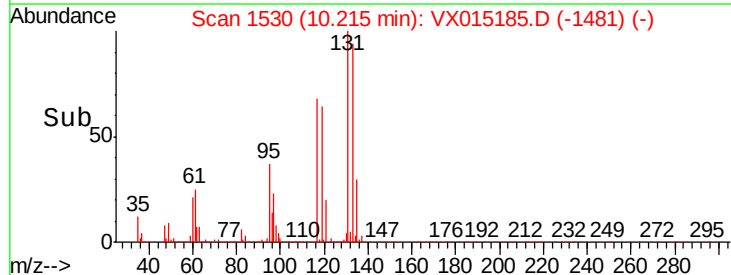
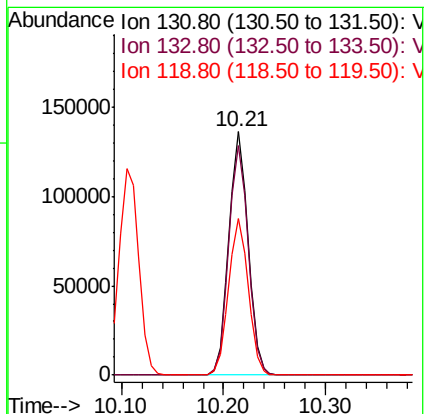
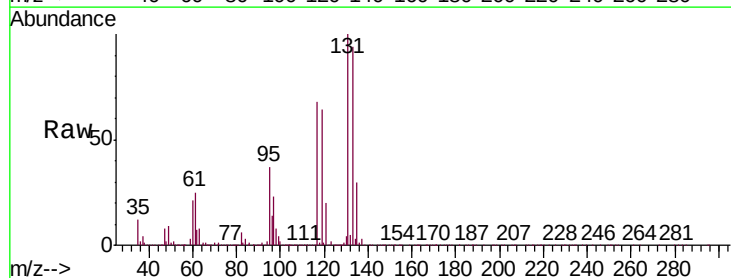
Tgt Ion:131 Resp: 177429

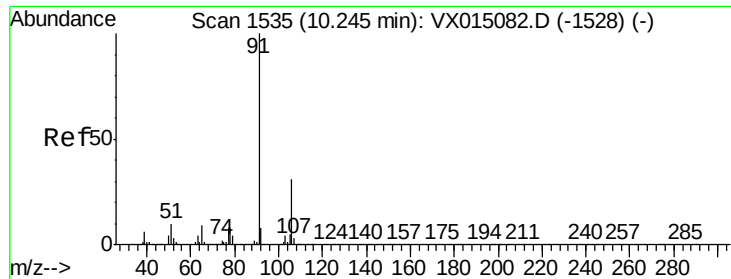
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

119 65.6 33.4 100.1





#67

Ethyl Benzene

Concen: 51.068 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampled :

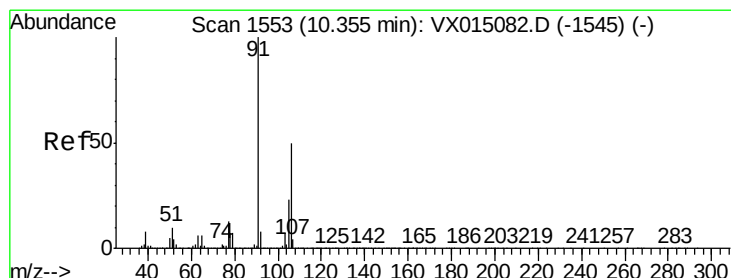
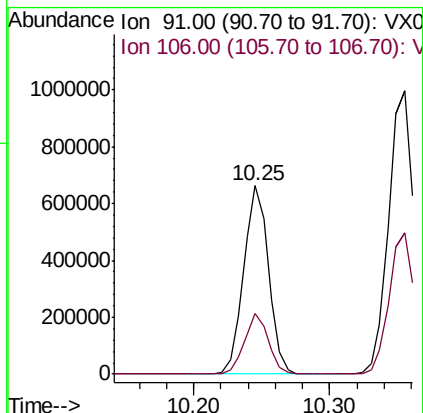
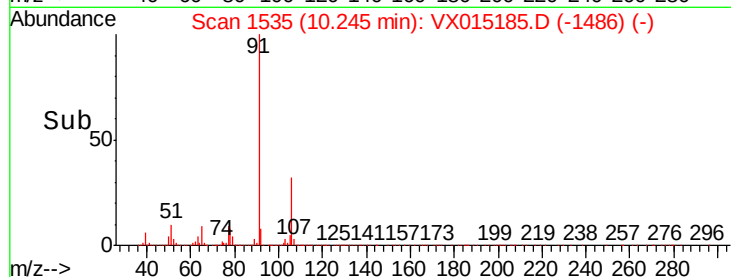
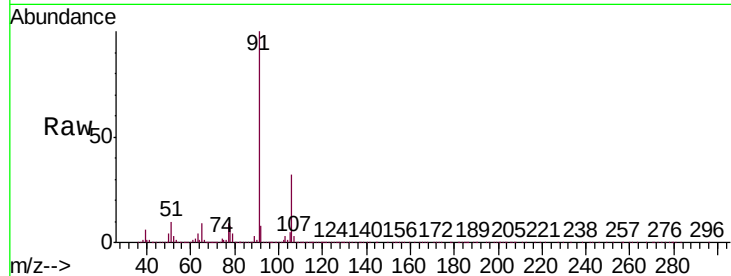
VSTDCCC050

Tgt Ion: 91 Resp: 846743

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 103.845 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015185.D

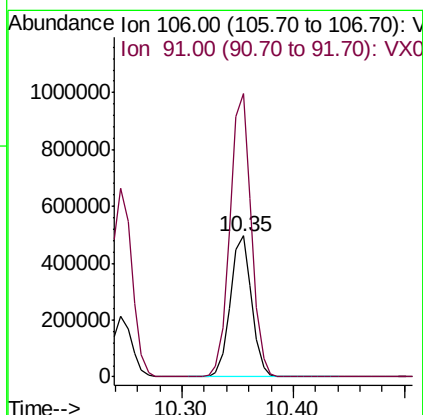
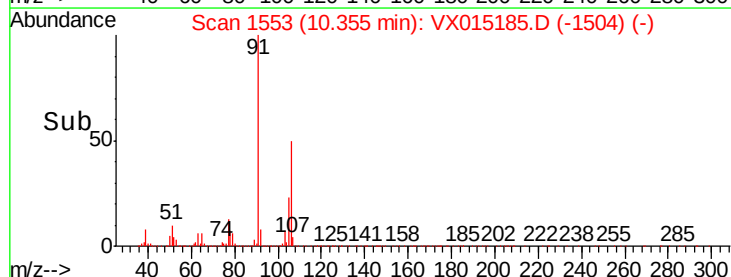
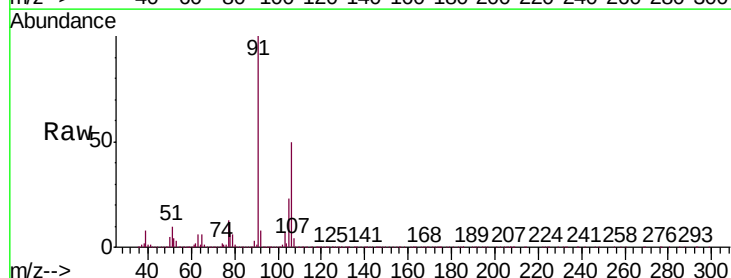
Acq: 11 Mar 2020 08:53

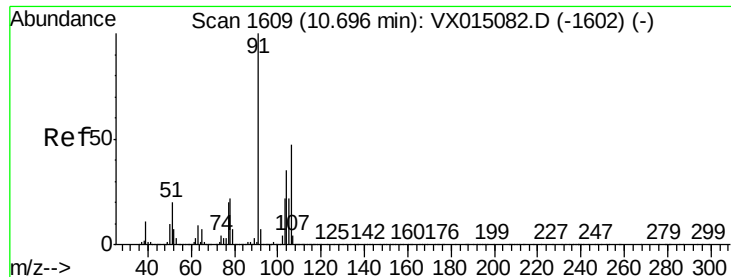
Tgt Ion: 106 Resp: 655094

Ion Ratio Lower Upper

106 100

91 201.0 159.4 239.2

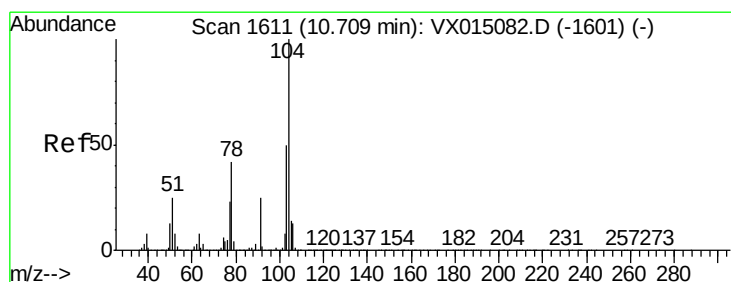
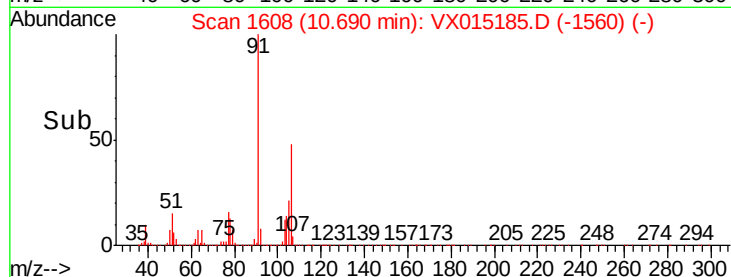
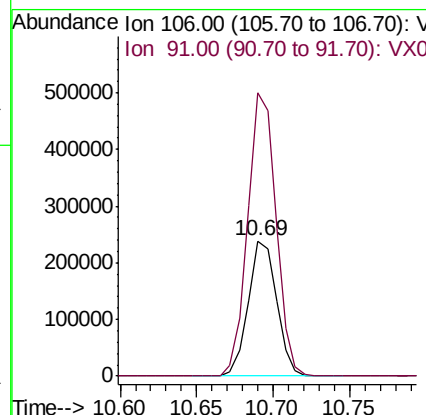
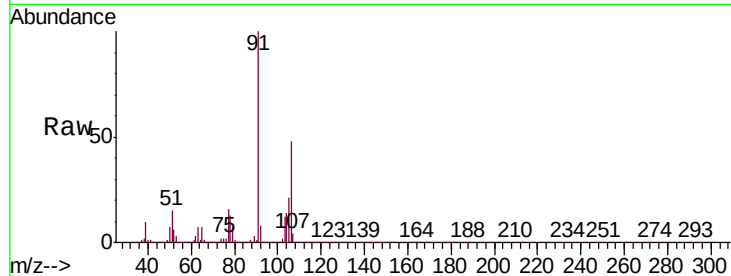




#69
o-Xylene
Concen: 50.937 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

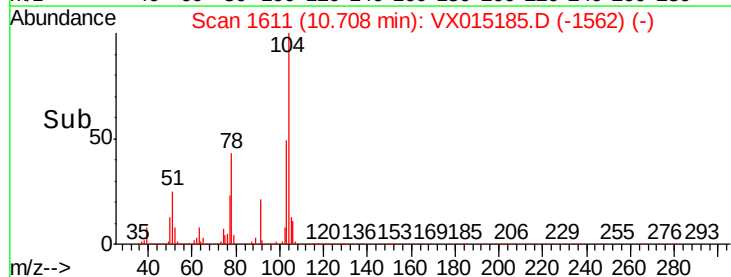
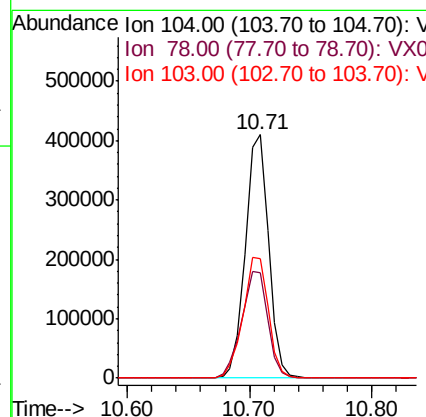
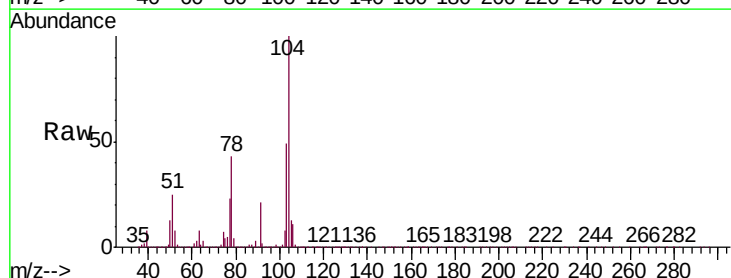
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

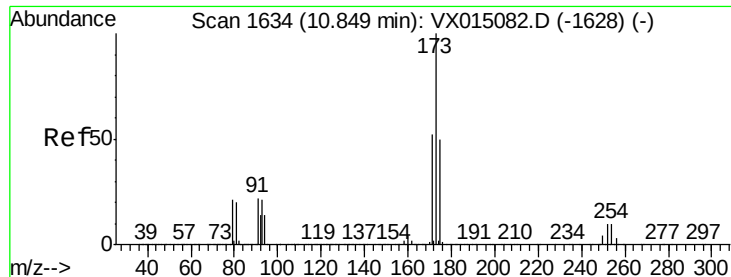
Tgt Ion:106 Resp: 307656
Ion Ratio Lower Upper
106 100
91 209.6 105.4 316.1



#70
Styrene
Concen: 52.087 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion:104 Resp: 539419
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.2 43.7 65.5





#71

Bromoform

Concen: 49.908 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

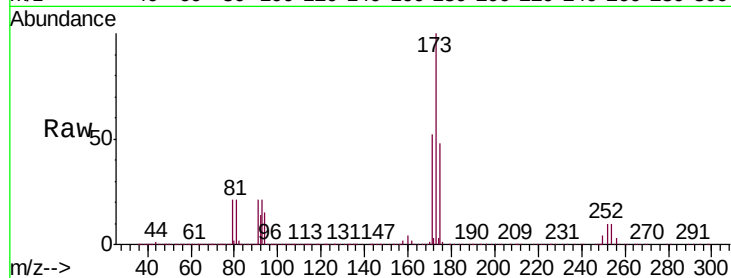
Tgt Ion:173 Resp: 142496

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.7

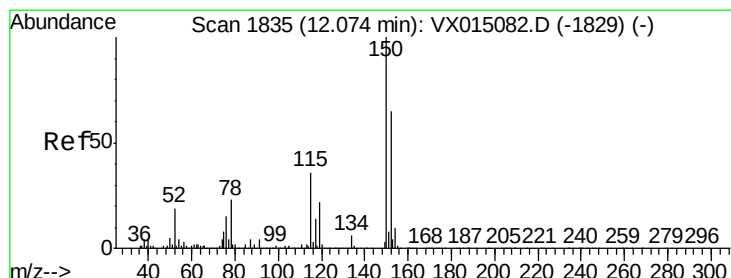
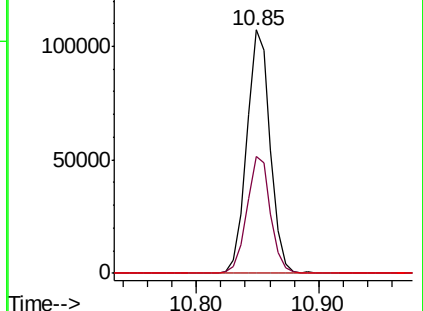
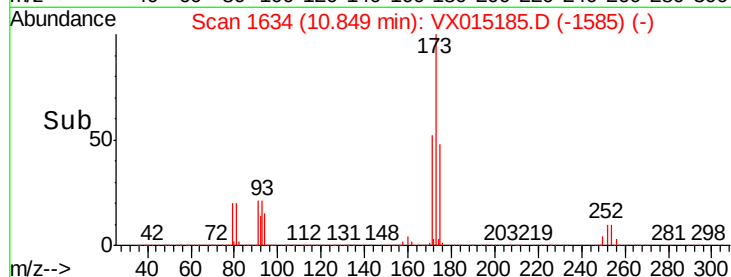
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

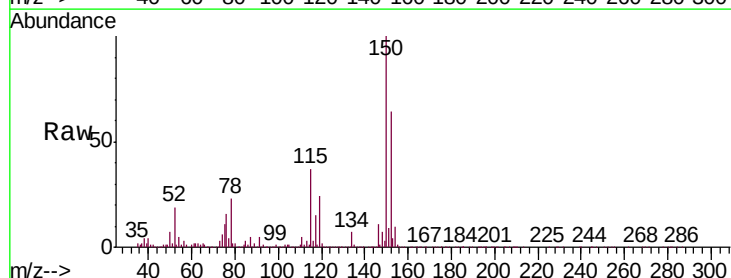
Tgt Ion:152 Resp: 260732

Ion Ratio Lower Upper

152 100

115 76.9 38.2 114.6

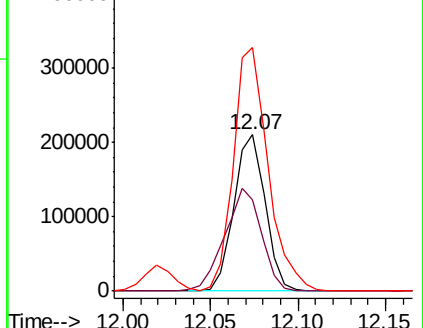
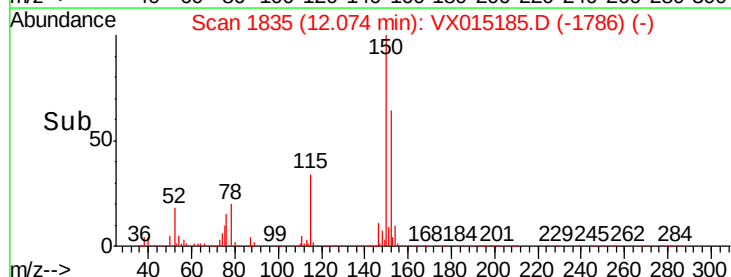
150 172.7 0.0 343.8

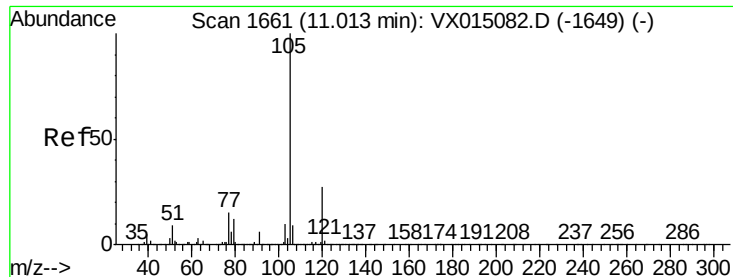


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.035 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

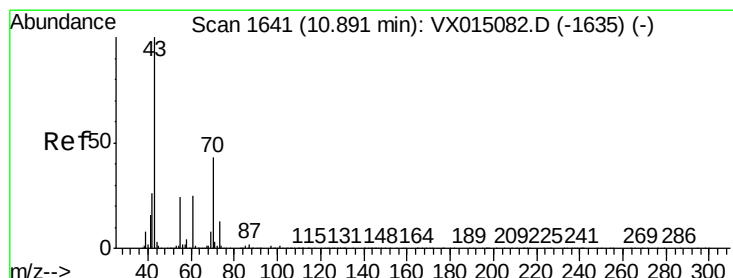
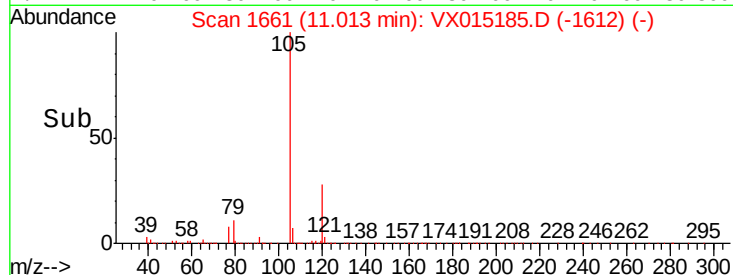
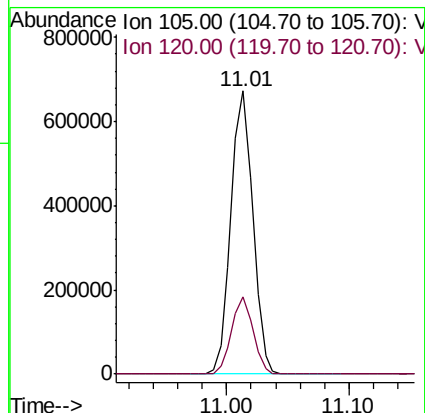
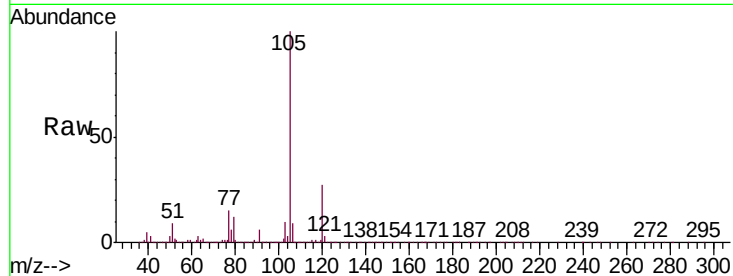
VSTDCCC050

Tgt Ion:105 Resp: 833370

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-amyl acetate

Concen: 46.628 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion: 43 Resp: 327299

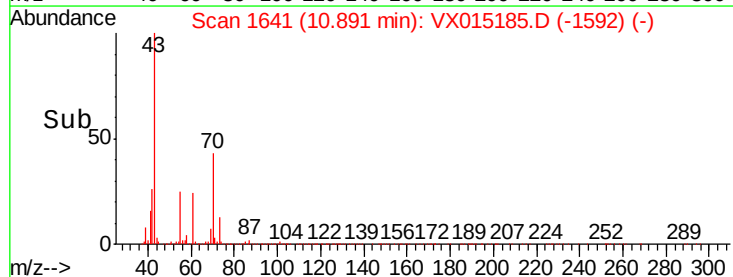
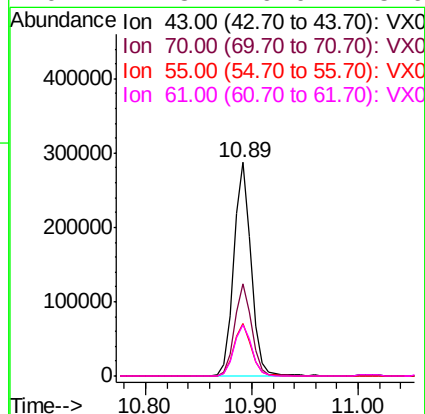
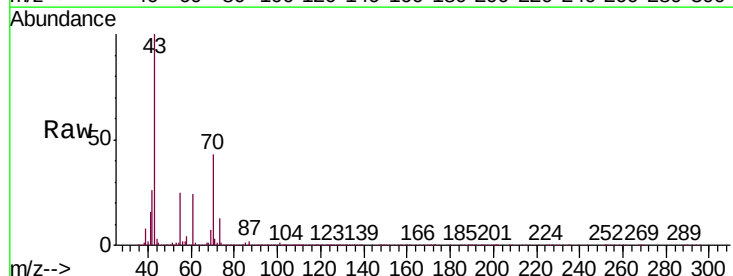
Ion Ratio Lower Upper

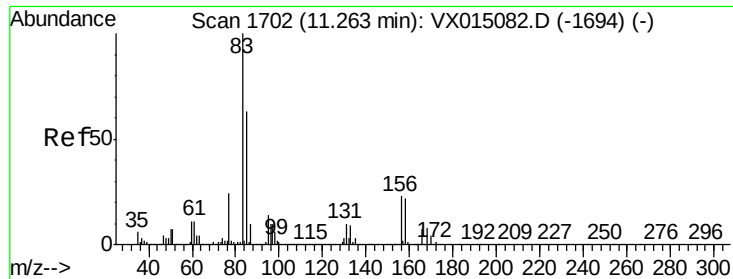
43 100

70 42.5 34.7 52.1

55 25.1 19.4 29.0

61 24.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.724 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

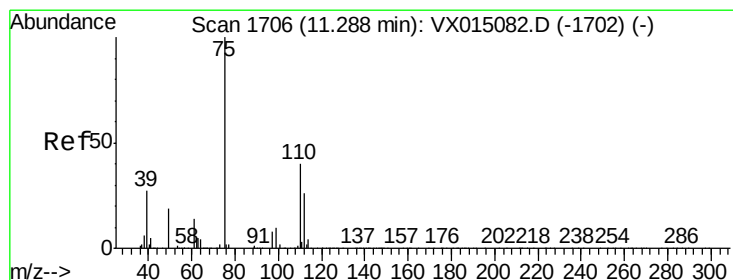
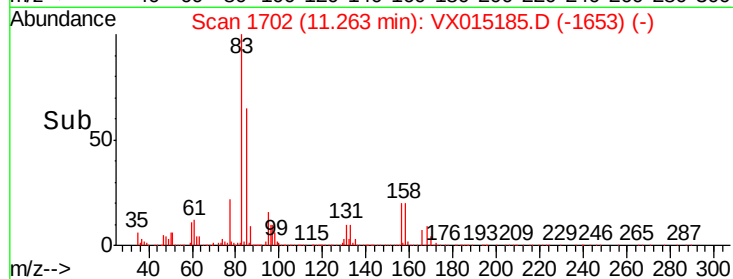
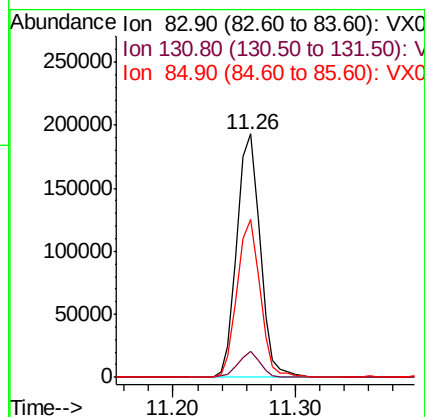
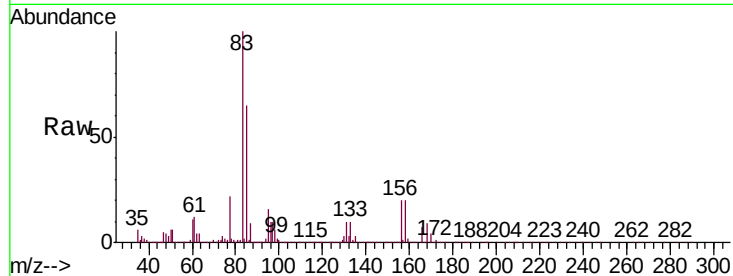
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	253802
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	64.3	31.9	95.9



#76

1,2,3-Trichloropropane

Concen: 55.420 ug/l

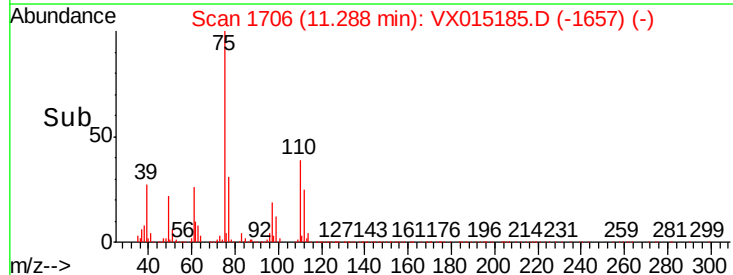
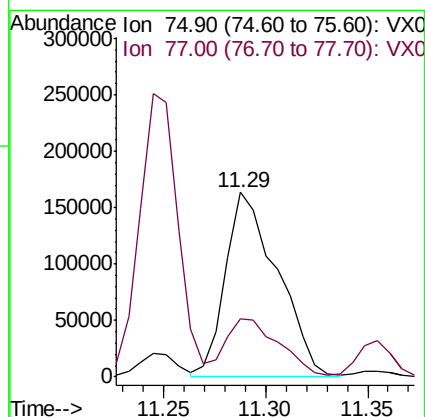
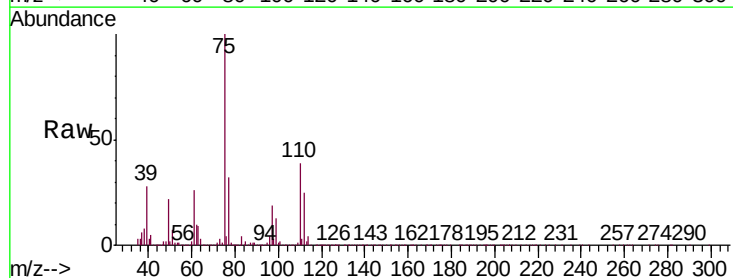
RT: 11.29 min Scan# 1706

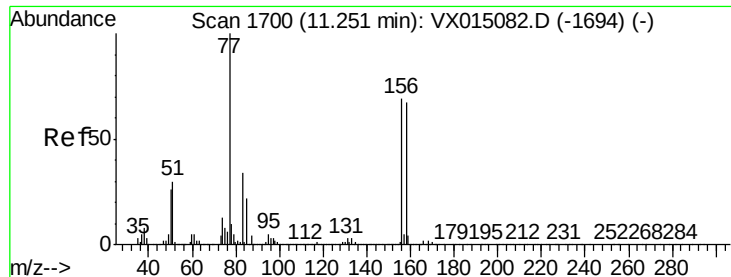
Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Tgt Ion:	75	Resp:	288231
Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.6	67.8





#77

Bromobenzene

Concen: 46.413 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

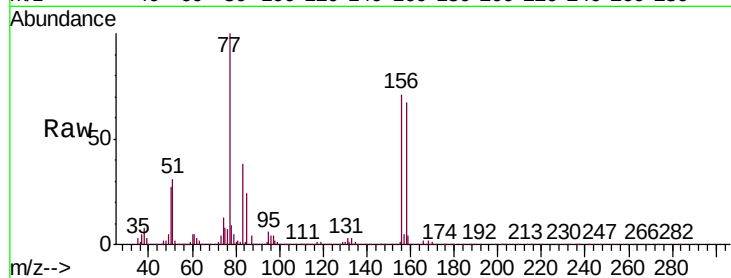
Tgt Ion:156 Resp: 215436

Ion Ratio Lower Upper

156 100

77 151.3 75.3 225.9

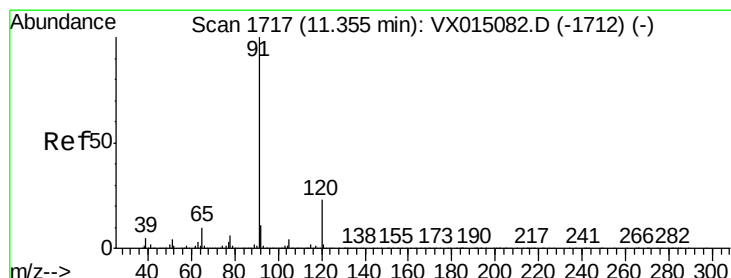
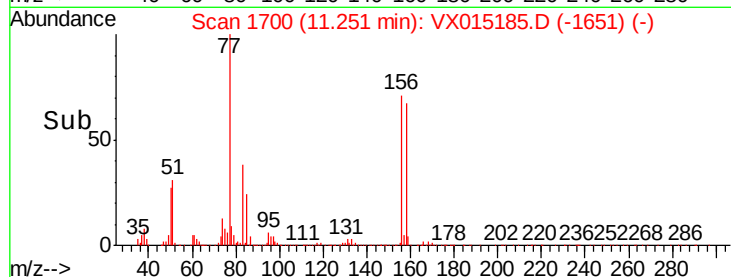
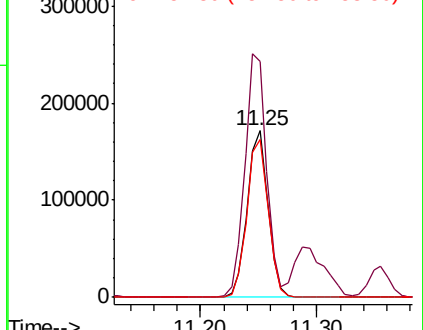
158 97.4 48.5 145.6



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: 51.767 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015185.D

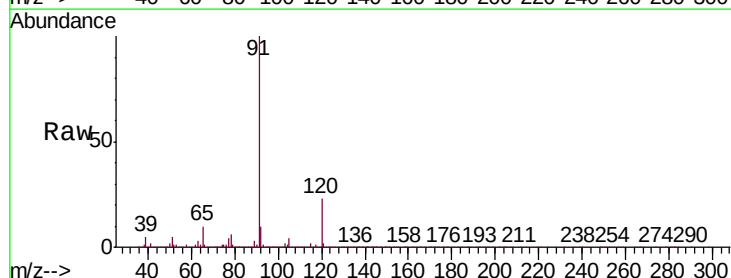
Acq: 11 Mar 2020 08:53

Tgt Ion: 91 Resp: 985064

Ion Ratio Lower Upper

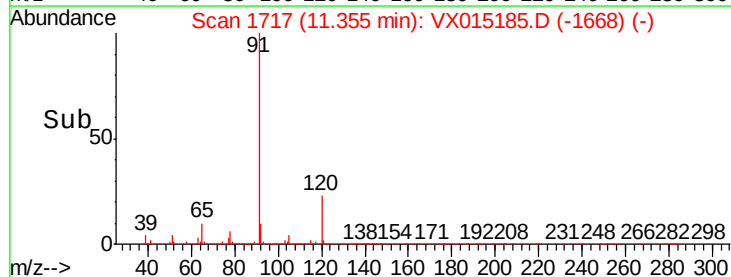
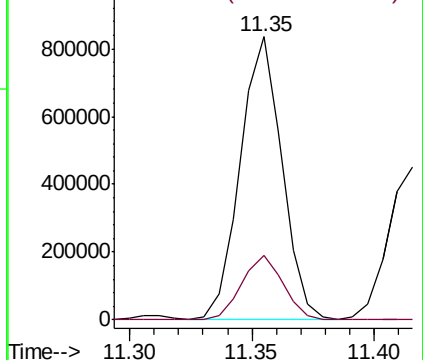
91 100

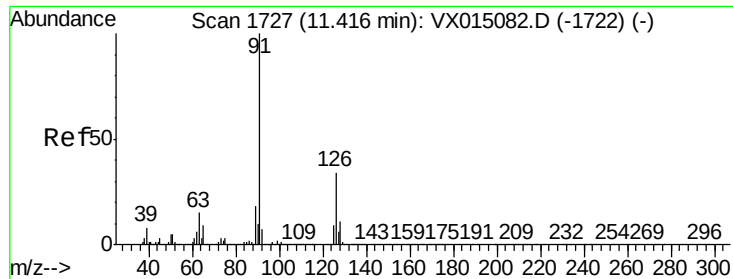
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

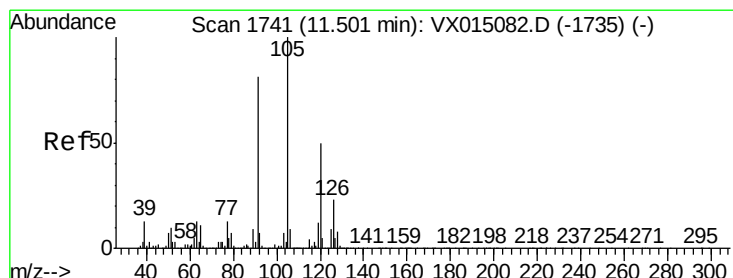
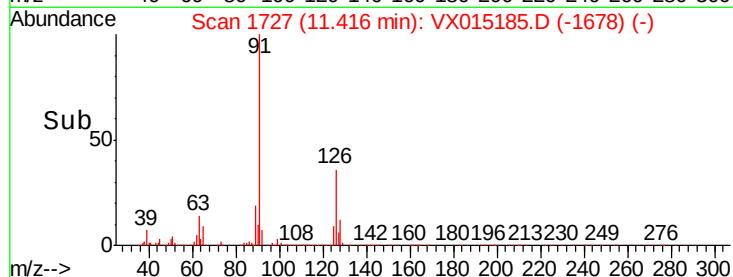
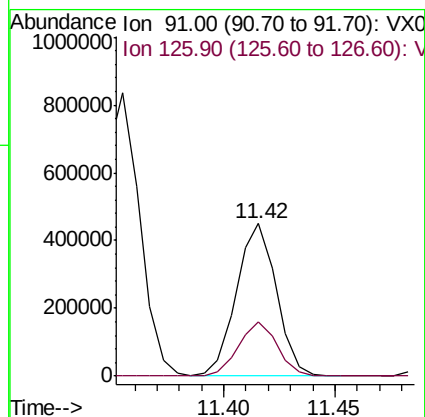
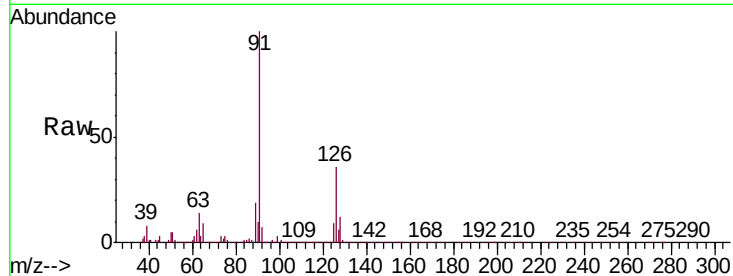




#79
 2-Chlorotoluene
 Concen: 49.387 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

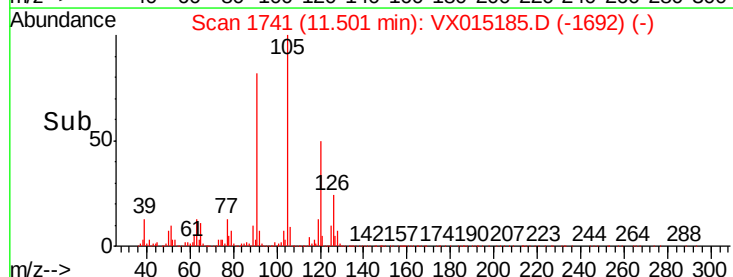
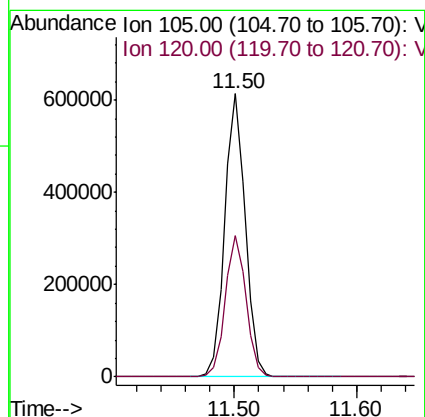
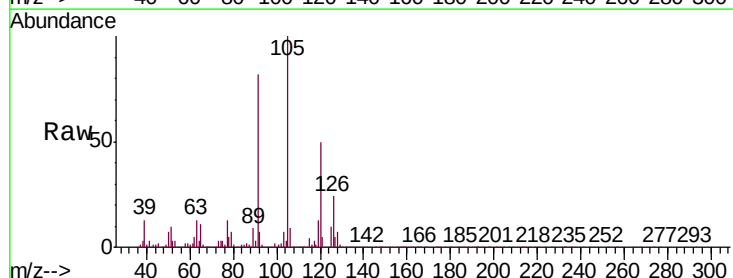
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

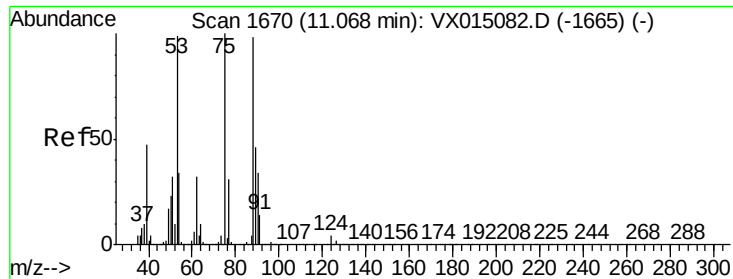
Tgt Ion: 91 Resp: 561226
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.201 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion: 105 Resp: 709914
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.4

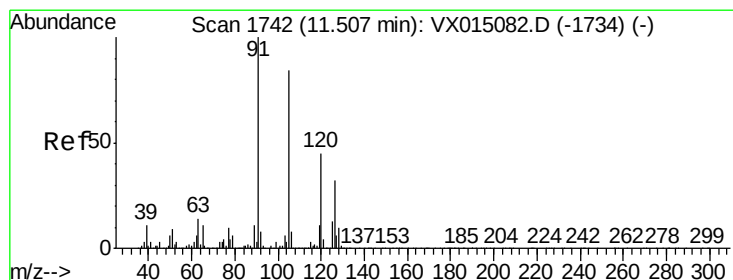
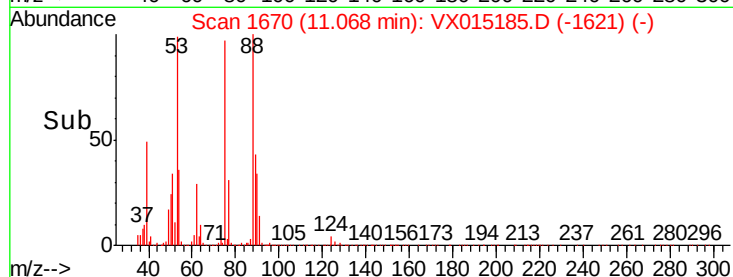
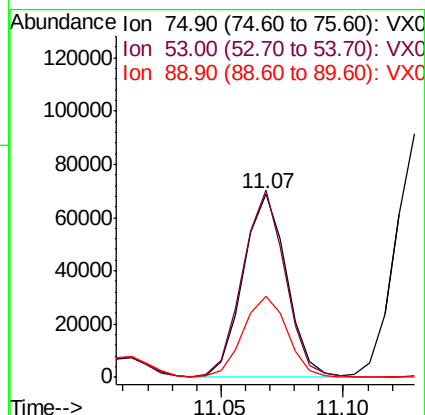
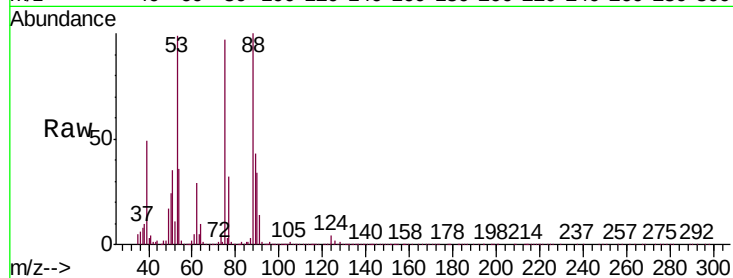




#81
trans-1,4-Dichloro-2-butene
Concen: 46.277 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

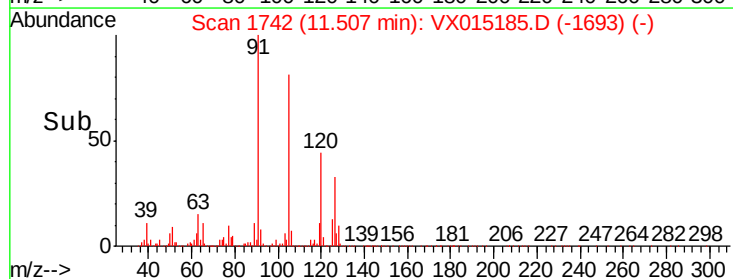
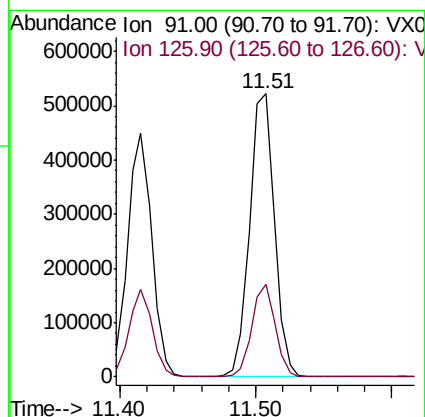
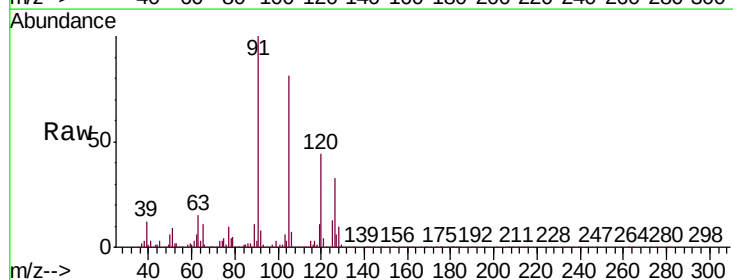
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

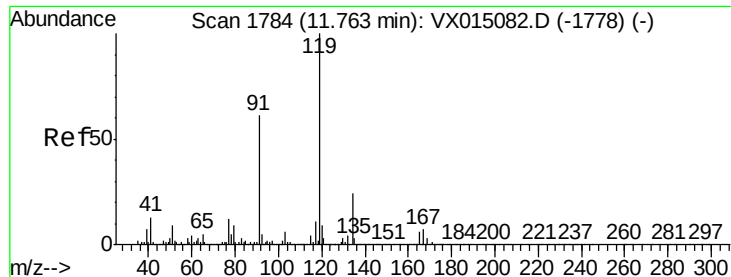
Tgt Ion: 75 Resp: 84806
Ion Ratio Lower Upper
75 100
53 100.3 77.9 116.9
89 45.7 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.839 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion: 91 Resp: 669114
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83

tert-Butylbenzene

Concen: 48.654 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

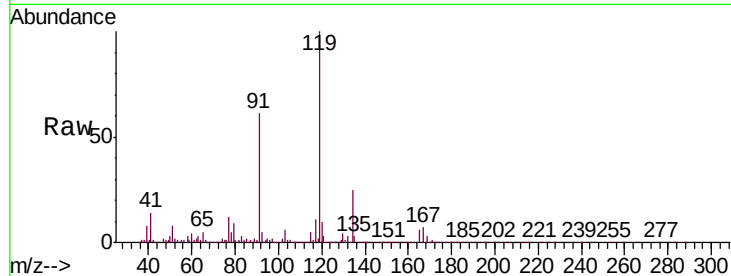
Tgt Ion:119 Resp: 652294

Ion Ratio Lower Upper

119 100

91 58.7 28.5 85.6

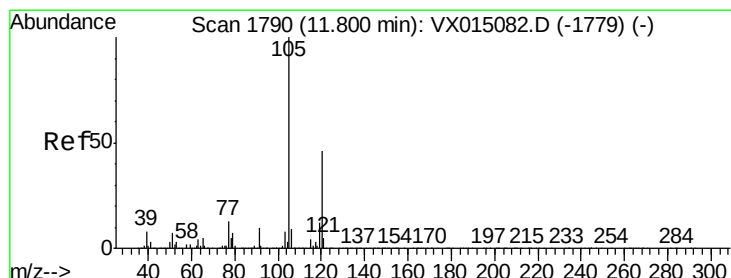
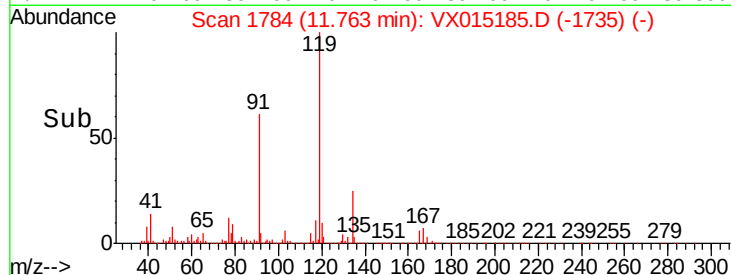
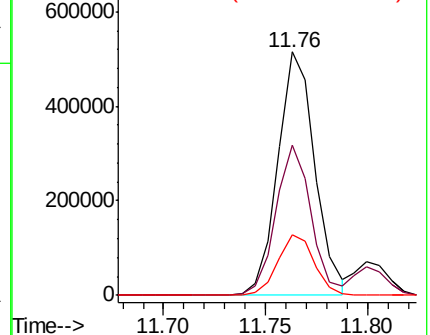
134 24.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.842 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015185.D

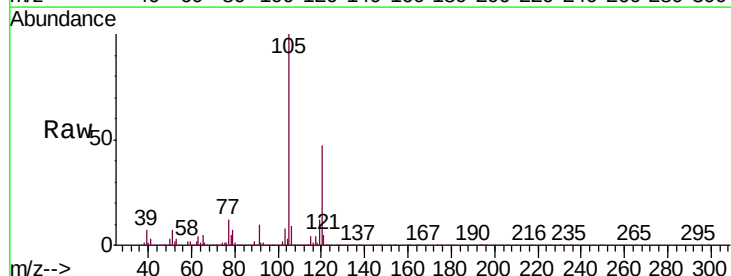
Acq: 11 Mar 2020 08:53

Tgt Ion:105 Resp: 708180

Ion Ratio Lower Upper

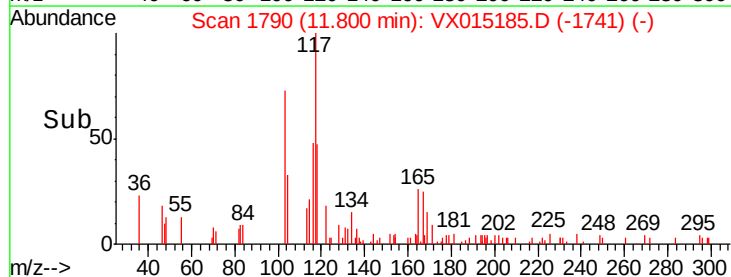
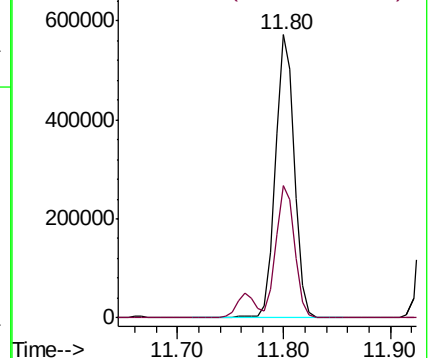
105 100

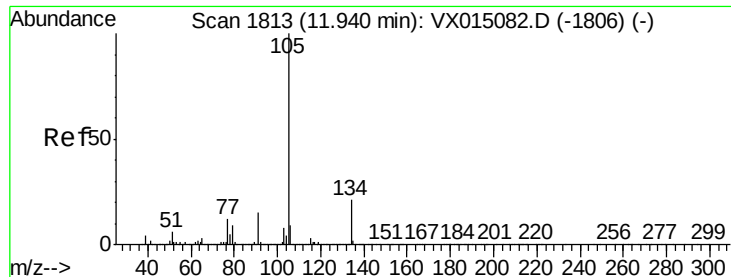
120 46.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.563 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

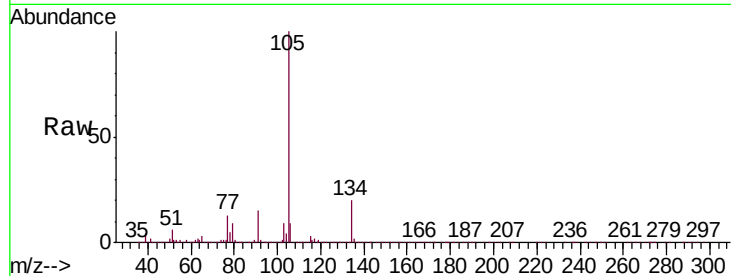
VSTDCCC050

Tgt Ion:105 Resp: 818322

Ion Ratio Lower Upper

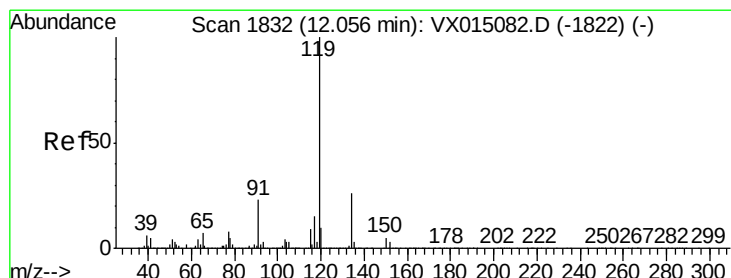
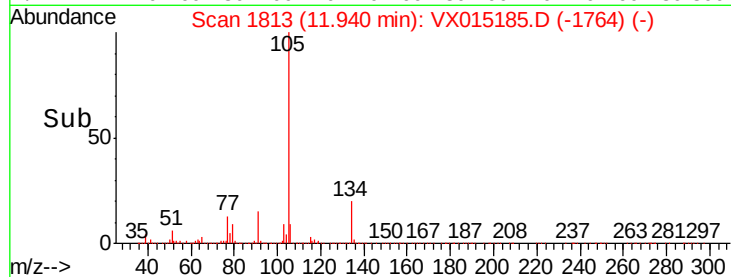
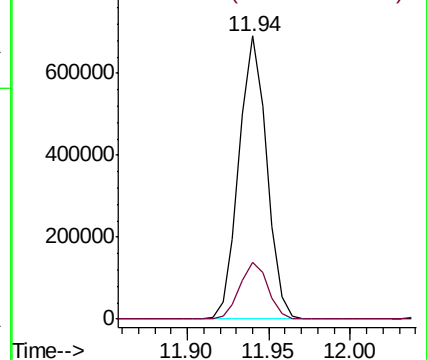
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.519 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

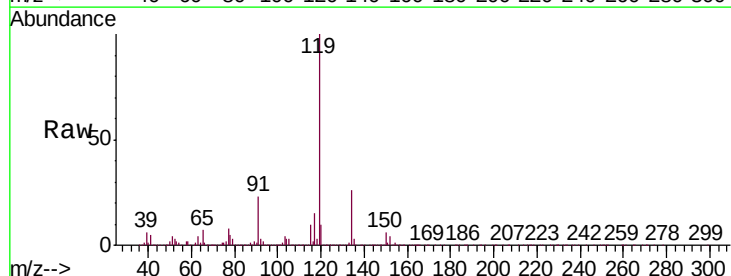
Tgt Ion:119 Resp: 768188

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

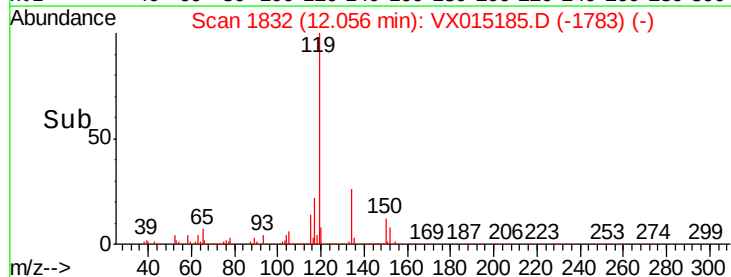
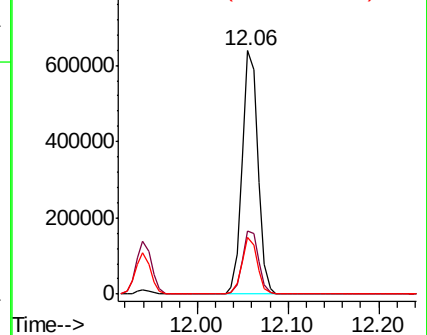
91 22.7 11.3 33.8

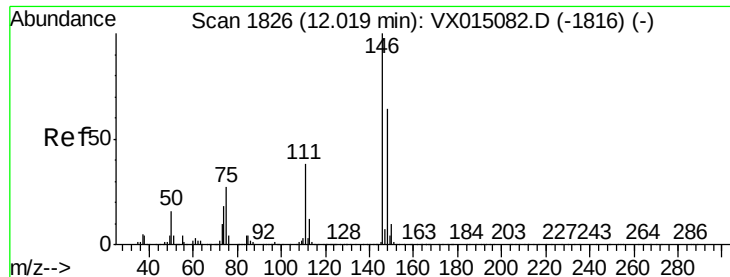


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

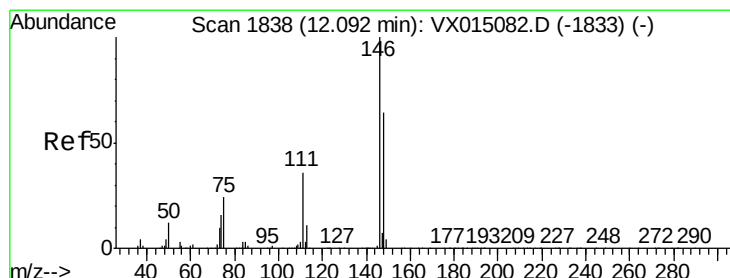
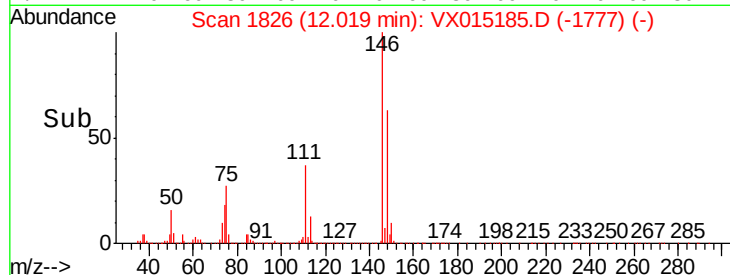
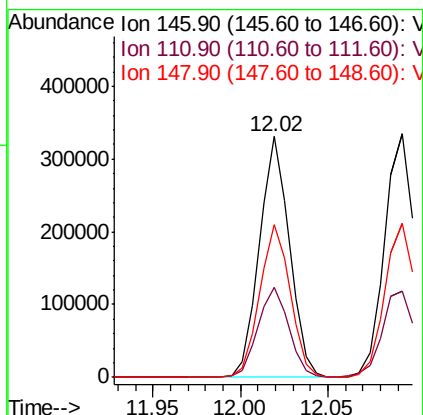
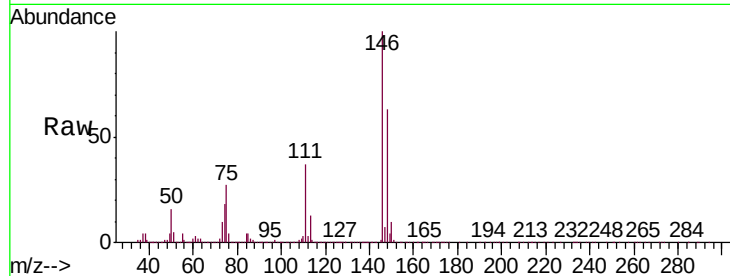




#87
 1,3-Dichlorobenzene
 Concen: 48.370 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

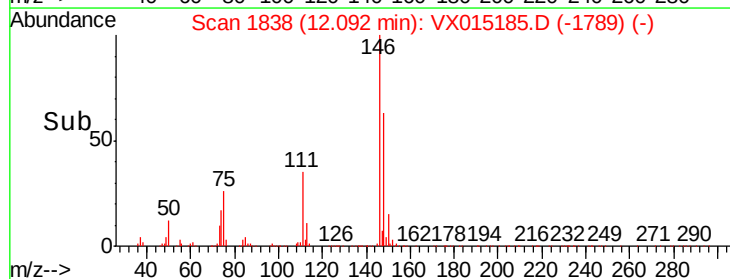
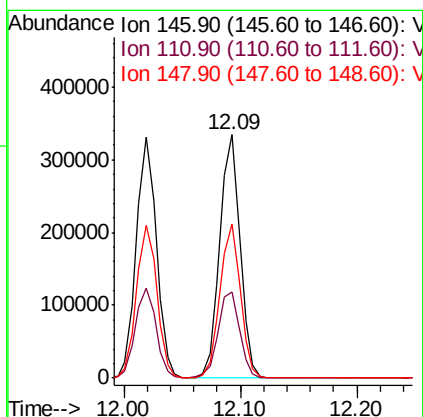
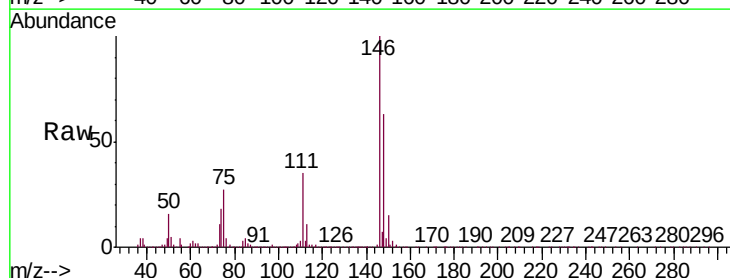
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

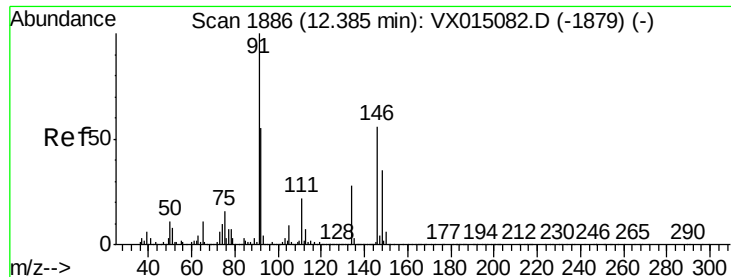
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.721 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.7	32.5	97.4





#89

n-Butylbenzene

Concen: 53.300 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015185.D

Acq: 11 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

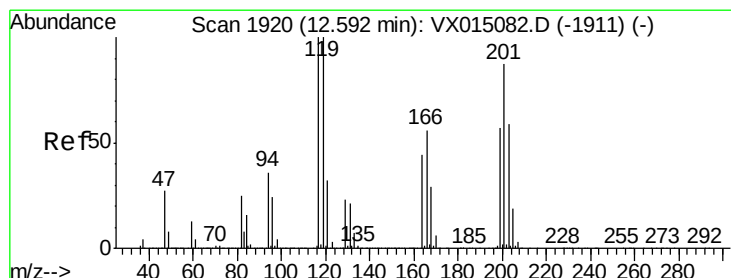
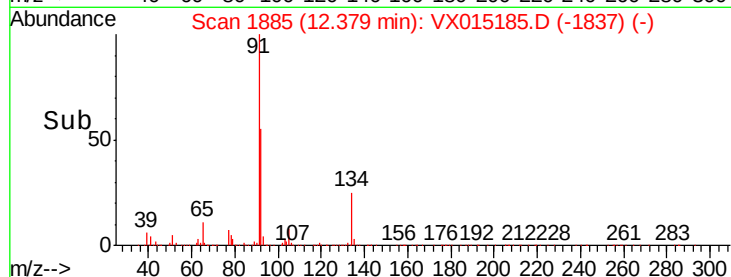
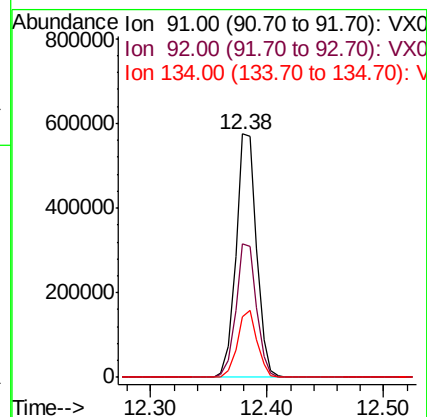
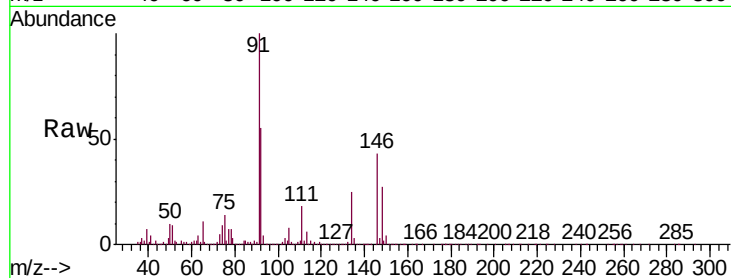
Tgt Ion: 91 Resp: 706849

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

134 26.3 13.5 40.5



#90

Hexachloroethane

Concen: 48.450 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015185.D

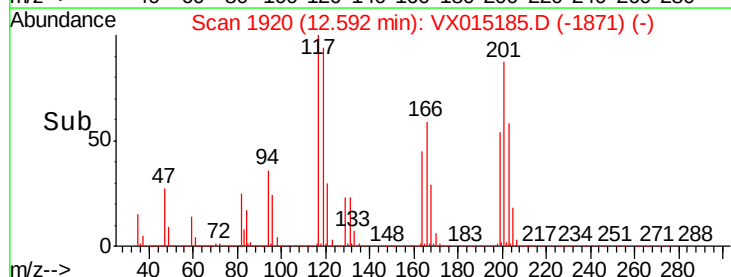
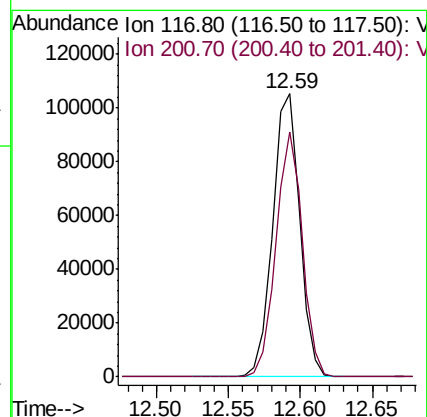
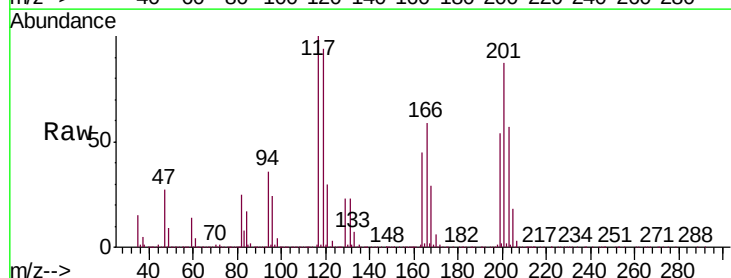
Acq: 11 Mar 2020 08:53

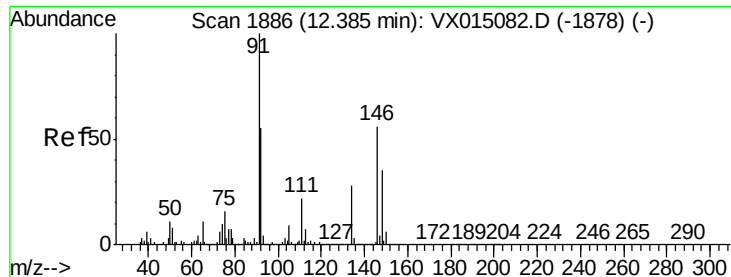
Tgt Ion: 117 Resp: 136577

Ion Ratio Lower Upper

117 100

201 84.8 43.5 130.7

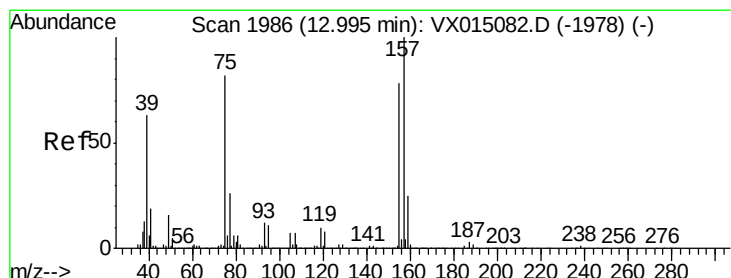
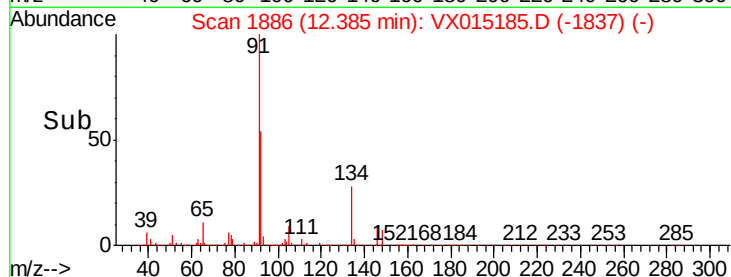
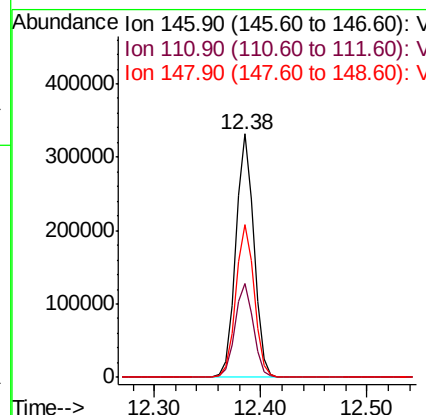
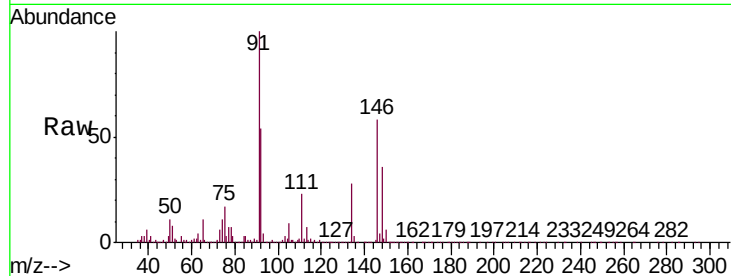




#91
 1,2-Dichlorobenzene
 Concen: 48.870 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

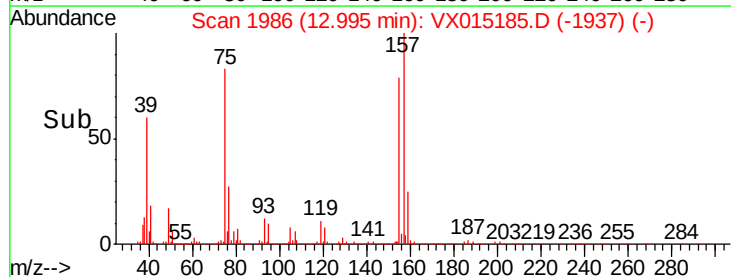
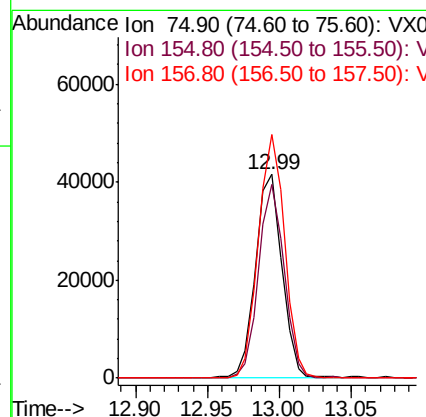
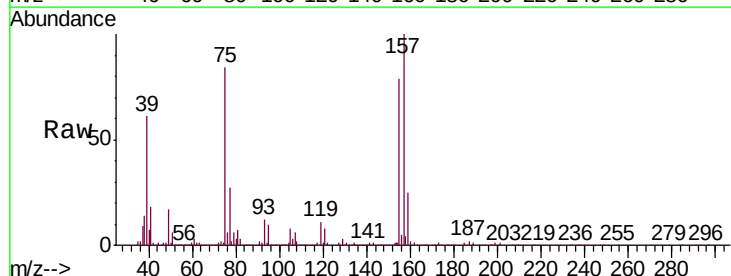
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

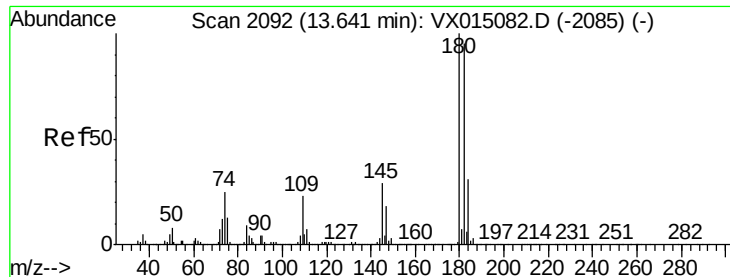
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	63.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.948 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	46.6	139.7
157	119.9	59.2	177.5

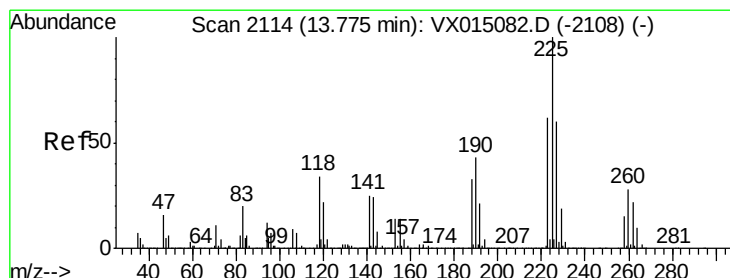
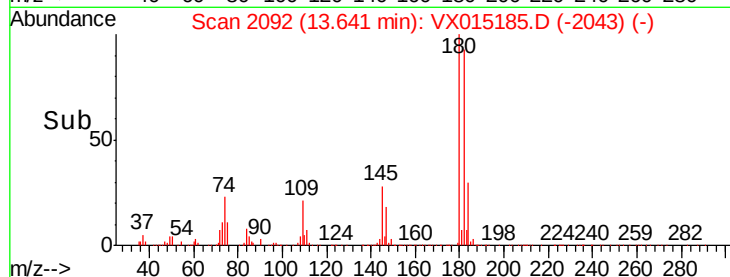
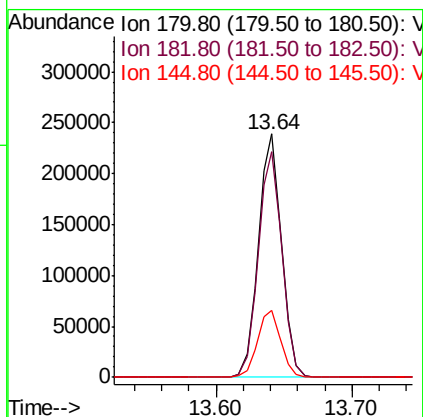
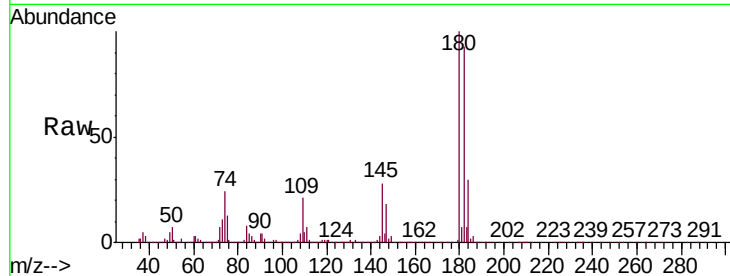




#93
 1,2,4-Trichlorobenzene
 Concen: 50.880 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

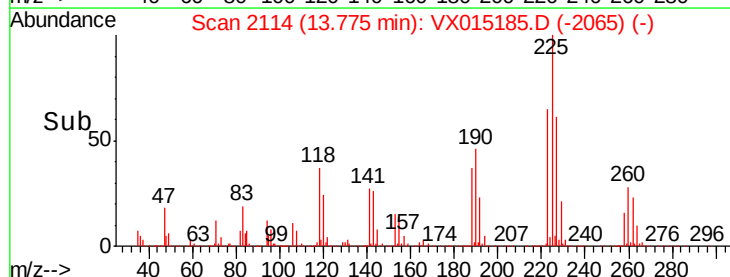
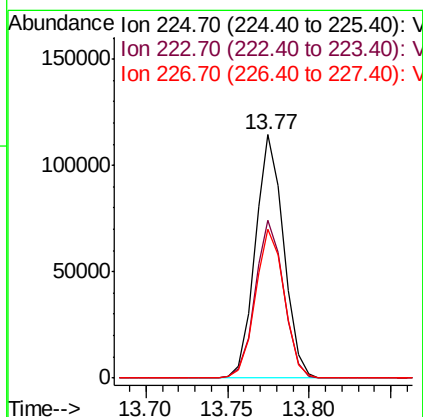
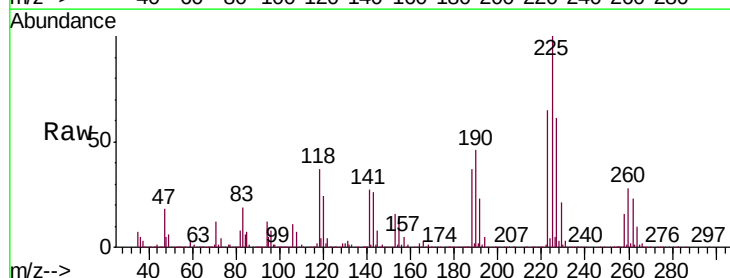
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

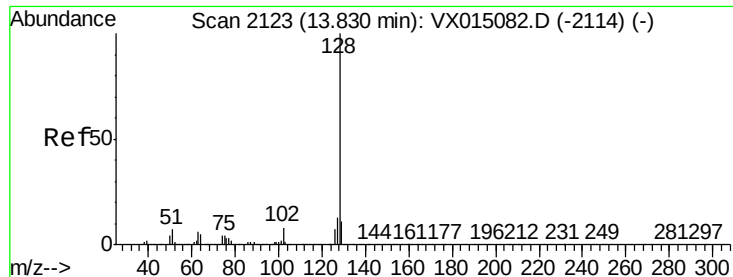
Tgt Ion:180 Resp: 286524
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.8
 145 27.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 47.846 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015185.D
 Acq: 11 Mar 2020 08:53

Tgt Ion:225 Resp: 138260
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.3 93.9
 227 62.4 31.1 93.2

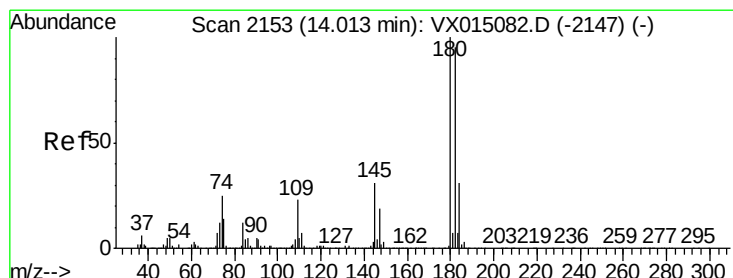
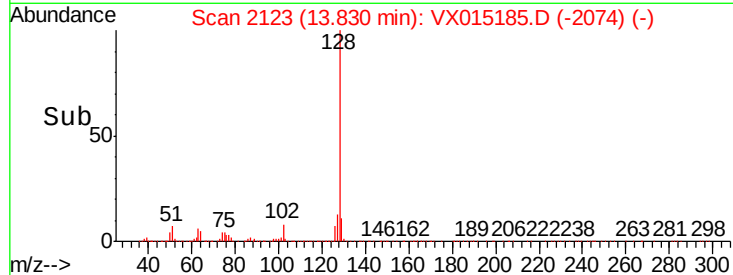
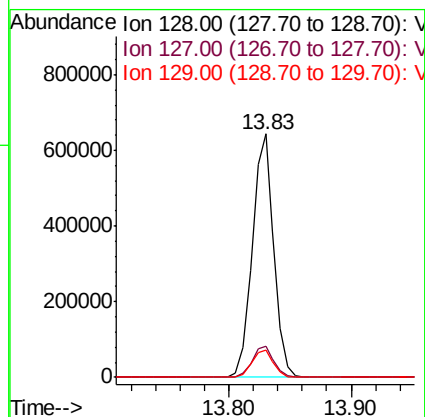
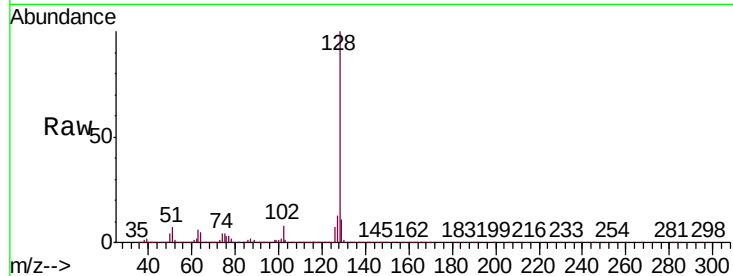




#95
Naphthalene
Concen: 45.435 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 781833
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.745 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015185.D
Acq: 11 Mar 2020 08:53

Tgt Ion:180 Resp: 285116
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.4
145 30.4 15.1 45.3

