

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015131.D
 Acq On : 09 Mar 2020 10:20
 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 09 14:01:44 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	366415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	542714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	196713	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
35) Dibromofluoromethane	5.48	113	163270	47.69	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.71	98	618621	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	223597	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	160807	50.12	ug/l	98
3) Chloromethane	1.31	50	221156	48.66	ug/l	100
4) Vinyl Chloride	1.40	62	218491	47.41	ug/l	99
5) Bromomethane	1.63	94	134674	47.53	ug/l	99
6) Chloroethane	1.72	64	138111	49.96	ug/l	97
7) Trichlorofluoromethane	1.92	101	272536	49.70	ug/l	96
8) Diethyl Ether	2.18	74	125125	50.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	180048	52.19	ug/l	99
10) Methyl Iodide	2.50	142	193208	49.57	ug/l	100
11) Tert butyl alcohol	3.03	59	195242	258.87	ug/l	99
12) 1,1-Dichloroethene	2.36	96	175301	49.23	ug/l	98
13) Acrolein	2.28	56	188369	265.77	ug/l	99
14) Allyl chloride	2.72	41	318863	51.36	ug/l	98
15) Acrylonitrile	3.12	53	480465	255.80	ug/l	100
16) Acetone	2.43	43	465105	264.19	ug/l	97
17) Carbon Disulfide	2.56	76	469902	47.52	ug/l	98
18) Methyl Acetate	2.76	43	211760	49.19	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	578912	52.03	ug/l	99
20) Methylene Chloride	2.84	84	196381	47.67	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	188734	49.64	ug/l	99
22) Diisopropyl ether	3.84	45	653879	52.86	ug/l	98
23) Vinyl Acetate	3.80	43	2753973	270.85	ug/l	100
24) 1,1-Dichloroethane	3.68	63	343534	50.04	ug/l	100
25) 2-Butanone	4.65	43	688716	267.22	ug/l	98
26) 2,2-Dichloropropane	4.57	77	285152	52.32	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	214415	50.27	ug/l	98
28) Bromochloromethane	5.00	49	157999	50.54	ug/l	96
29) Tetrahydrofuran	5.11	42	421281	253.57	ug/l	99
30) Chloroform	5.19	83	339206	50.69	ug/l	98
31) Cyclohexane	5.57	56	311404	50.85	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	288524	52.02	ug/l	98
36) 1,1-Dichloropropene	5.78	75	258915	51.61	ug/l	100
37) Ethyl Acetate	4.81	43	257710	55.37	ug/l	99
38) Carbon Tetrachloride	5.77	117	247916	52.35	ug/l	97

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 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)
39) Methylcyclohexane	7.45	83	322274	55.01	ug/l	99
40) Benzene	6.13	78	774806	52.05	ug/l	99
41) Methacrylonitrile	5.02	41	149269	53.40	ug/l	97
42) 1,2-Dichloroethane	6.18	62	277702	54.33	ug/l	98
43) Isopropyl Acetate	6.42	43	437901	53.49	ug/l	100
44) Trichloroethene	7.20	130	208876	50.39	ug/l	96
45) 1,2-Dichloropropane	7.50	63	205698	53.39	ug/l	100
46) Dibromomethane	7.65	93	131119	52.23	ug/l	98
47) Bromodichloromethane	7.89	83	271411	54.67	ug/l	98
48) Methyl methacrylate	7.76	41	220009	52.80	ug/l	98
49) 1,4-Dioxane	7.73	88	94145	1044.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1347372	278.34	ug/l	100
52) Toluene	8.78	92	491081	53.96	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	301258	57.01	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	331285	55.46	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	195267	52.13	ug/l	98
56) Ethyl methacrylate	9.17	69	307127	57.48	ug/l	99
57) 1,3-Dichloropropane	9.36	76	335922	53.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	858255	294.84	ug/l	100
59) 2-Hexanone	9.48	43	1038214	289.37	ug/l	100
60) Dibromochloromethane	9.57	129	215709	54.82	ug/l	99
61) 1,2-Dibromoethane	9.67	107	204045	51.86	ug/l	100
64) Tetrachloroethene	9.33	164	210881	50.86	ug/l	98
65) Chlorobenzene	10.13	112	536916	53.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	200187	52.73	ug/l	99
67) Ethyl Benzene	10.25	91	954573	55.83	ug/l	99
68) m/p-Xylenes	10.36	106	727232	111.80	ug/l	99
69) o-Xylene	10.69	106	342986	55.07	ug/l	98
70) Styrene	10.70	104	603357	56.50	ug/l	99
71) Bromoform	10.85	173	162775	55.29	ug/l #	99
73) Isopropylbenzene	11.01	105	938227	54.97	ug/l	100
74) N-amyl acetate	10.89	43	393980	54.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	289185	50.84	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	334023	62.67	ug/l	80
77) Bromobenzene	11.25	156	241673	50.80	ug/l	99
78) n-propylbenzene	11.35	91	1089303	55.86	ug/l	100
79) 2-Chlorotoluene	11.42	91	632057	54.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	790809	55.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100005	53.25	ug/l	98
82) 4-Chlorotoluene	11.51	91	744622	54.12	ug/l	99
83) tert-Butylbenzene	11.76	119	761656	55.44	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	796645	55.81	ug/l	100
85) sec-Butylbenzene	11.94	105	926346	55.85	ug/l	99
86) p-Isopropyltoluene	12.06	119	859072	56.22	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	434274	51.93	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	441484	51.14	ug/l	99
89) n-Butylbenzene	12.38	91	777514	57.21	ug/l	100
90) Hexachloroethane	12.59	117	155283	53.75	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	432375	52.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59920	52.60	ug/l	96

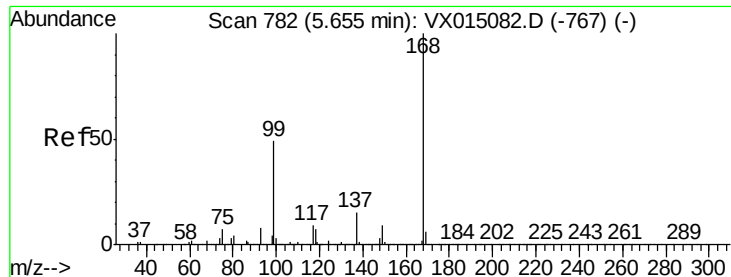
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030920\
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MSVOA_X
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Quant Time: Mar 09 14:01:44 2020
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	311048	53.90	ug/l	99
94) Hexachlorobutadiene	13.78	225	153648	51.88	ug/l	99
95) Naphthalene	13.83	128	882120	49.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	314499	54.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

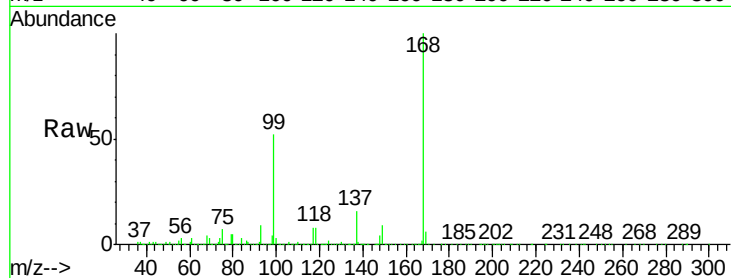
VSTDCCC050

Tgt Ion:168 Resp: 366415

Ion Ratio Lower Upper

168 100

99 51.7 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

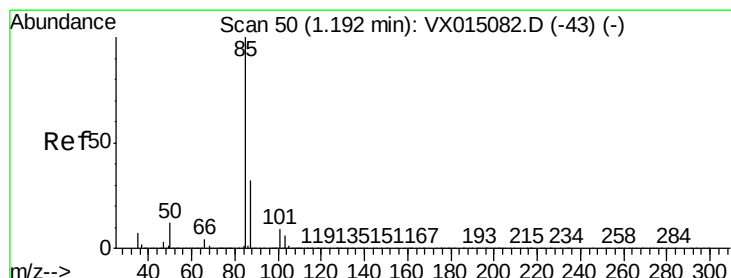
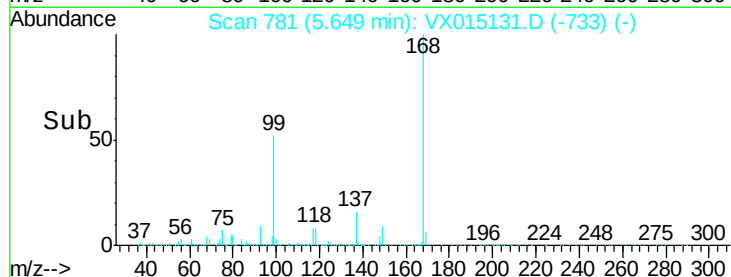
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.12 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015131.D

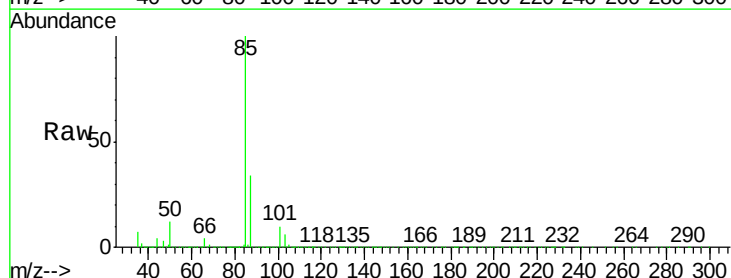
Acq: 09 Mar 2020 10:20

Tgt Ion: 85 Resp: 160807

Ion Ratio Lower Upper

85 100

87 33.5 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

150000

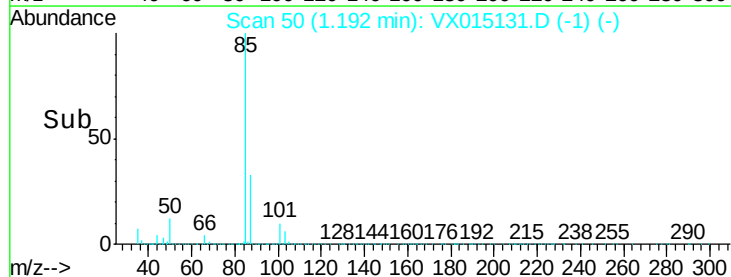
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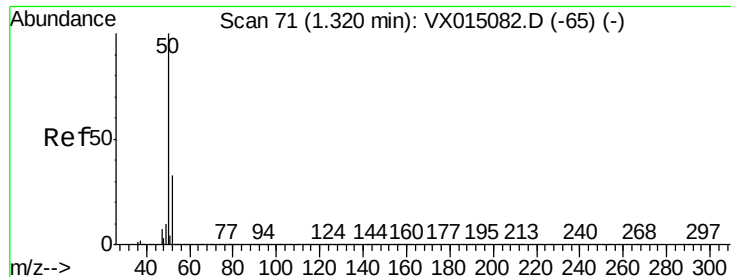
50000

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Time-->

1.15 1.20 1.25 1.30

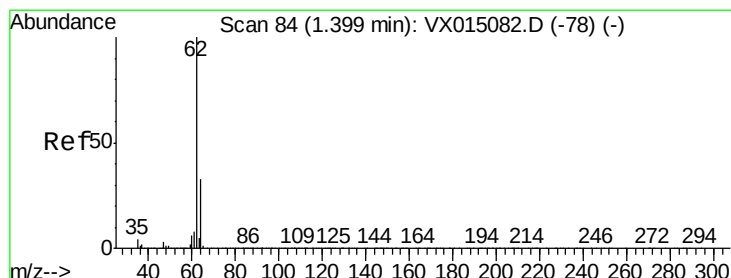
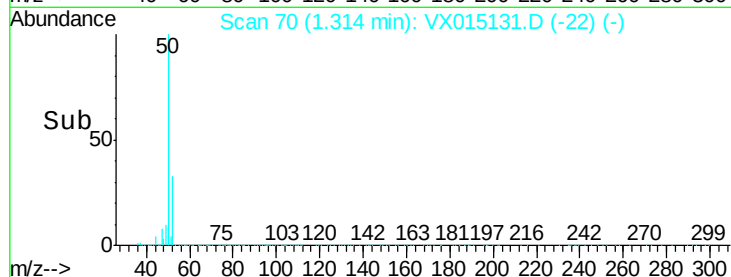
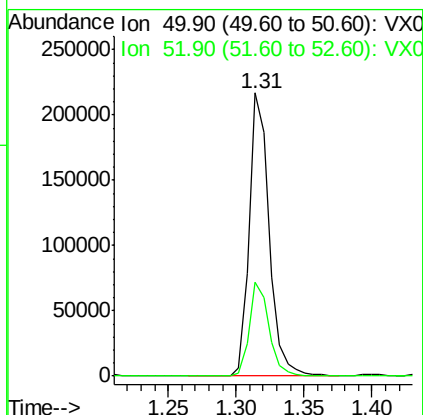
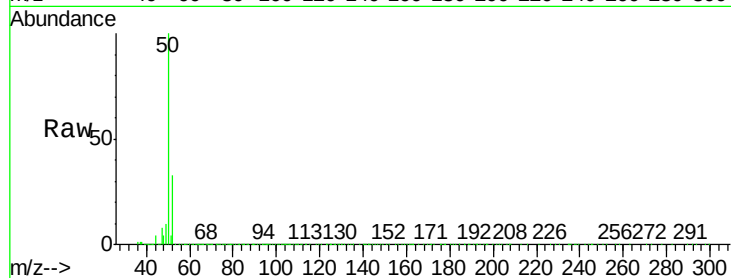




#3
Chloromethane
Concen: 48.66 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

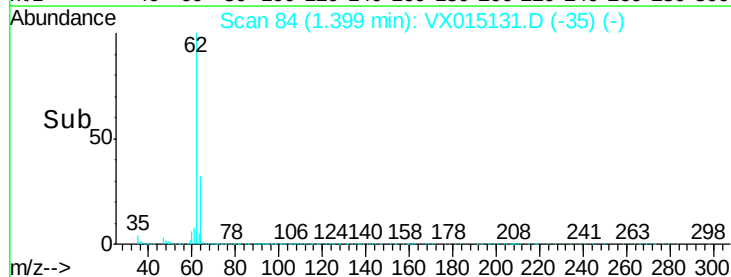
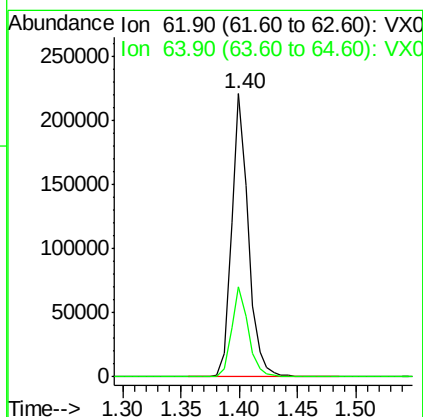
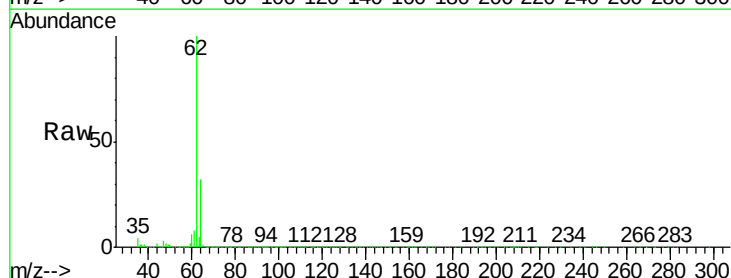
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

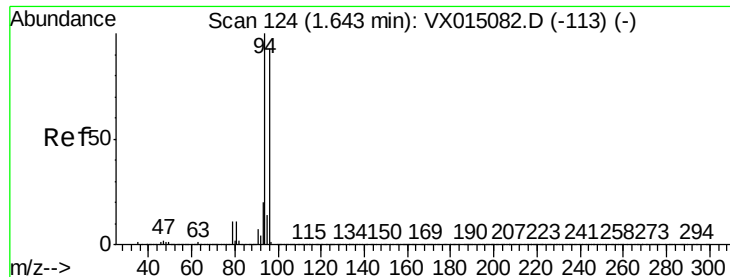
Tgt Ion: 50 Resp: 221156
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 47.41 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 62 Resp: 218491
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1





#5

Bromomethane

Concen: 47.53 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

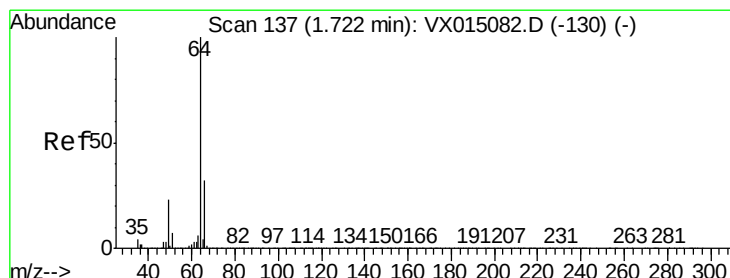
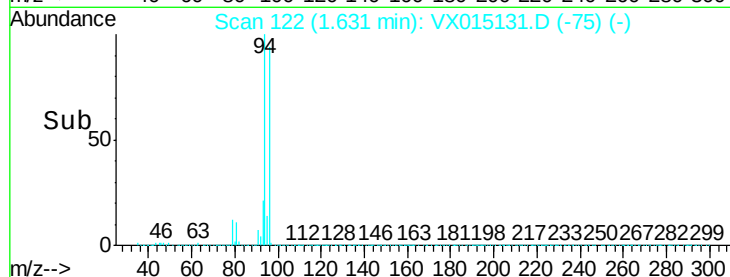
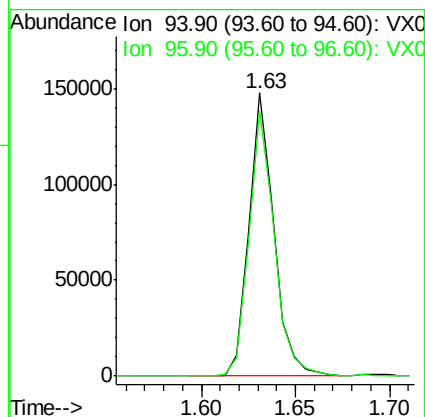
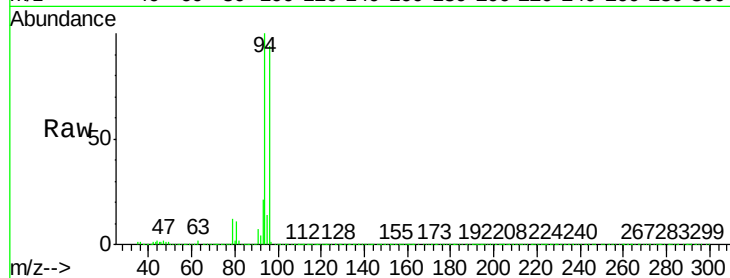
VSTDCCC050

Tgt Ion: 94 Resp: 134674

Ion Ratio Lower Upper

94 100

96 93.7 74.6 111.8



#6

Chloroethane

Concen: 49.96 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015131.D

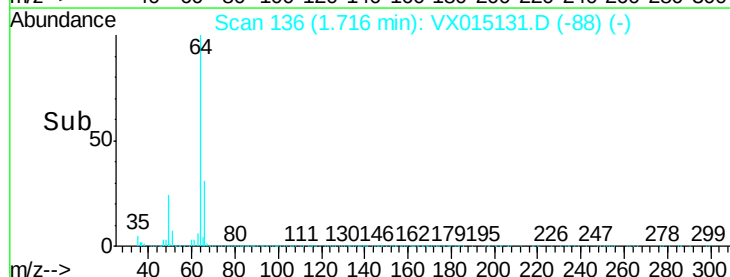
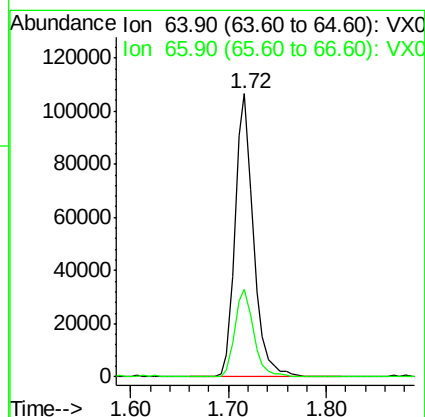
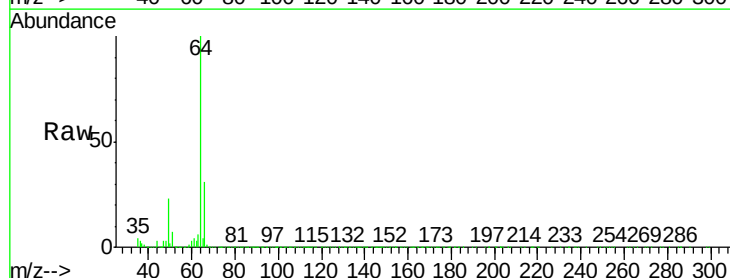
Acq: 09 Mar 2020 10:20

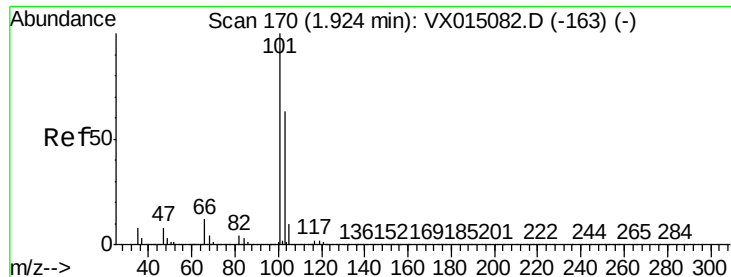
Tgt Ion: 64 Resp: 138111

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.8



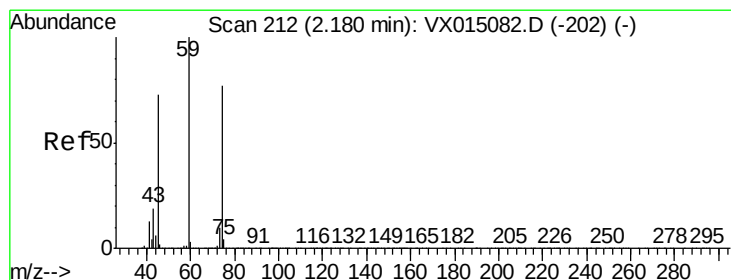
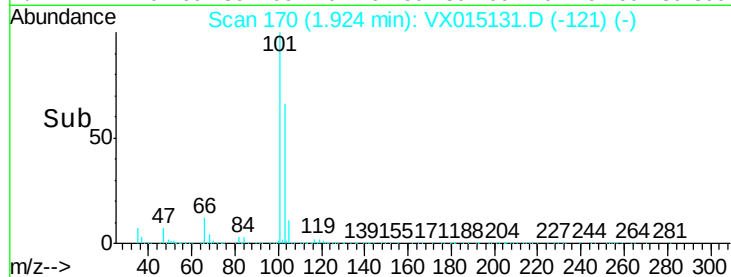
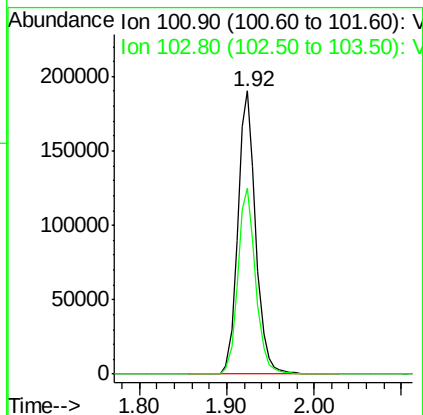
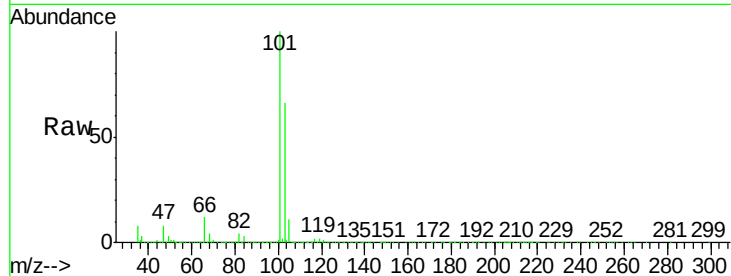


#7

Trichlorofluoromethane
Concen: 49.70 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

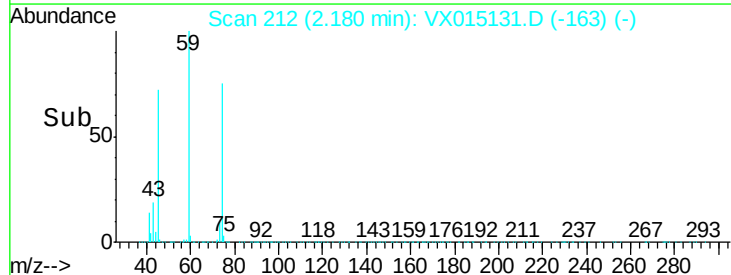
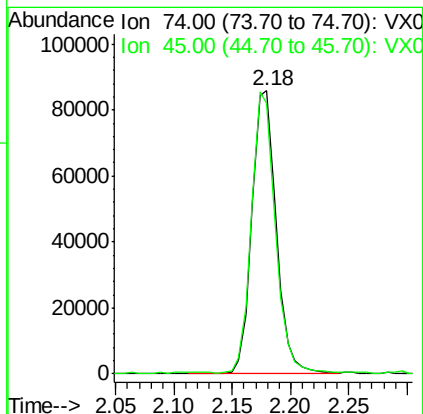
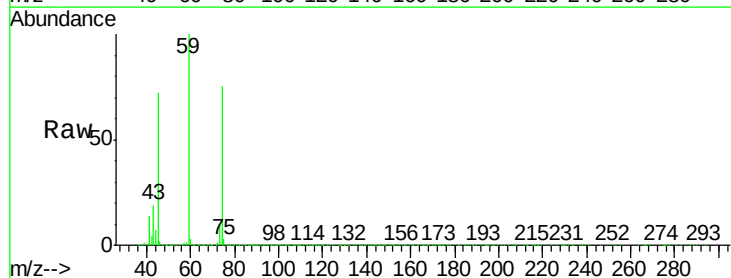
Tgt Ion:101 Resp: 272536
Ion Ratio Lower Upper
101 100
103 65.8 50.4 75.6

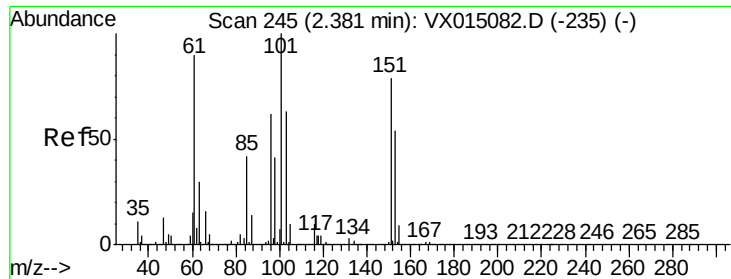


#8

Diethyl Ether
Concen: 50.38 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 74 Resp: 125125
Ion Ratio Lower Upper
74 100
45 97.7 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.19 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

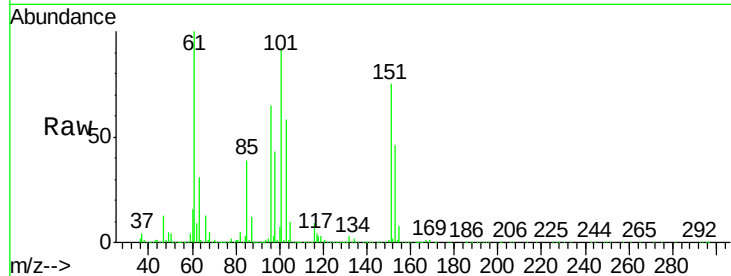
Tgt Ion:101 Resp: 180048

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

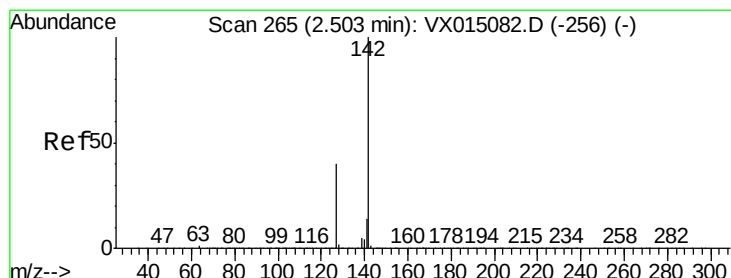
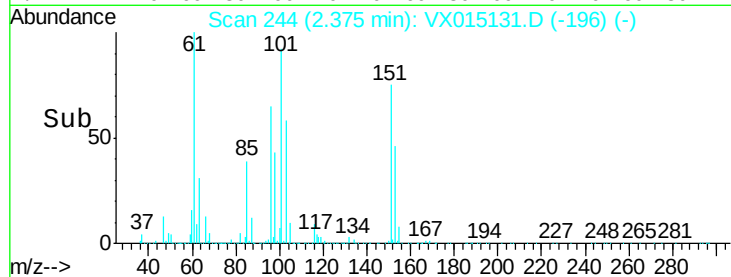
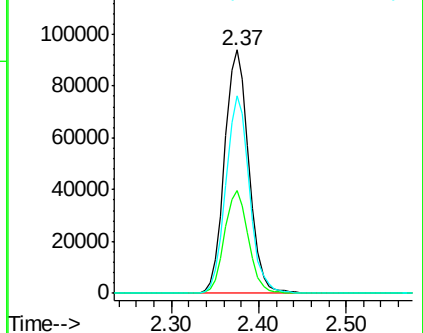
151 79.4 64.0 96.0



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: 49.57 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

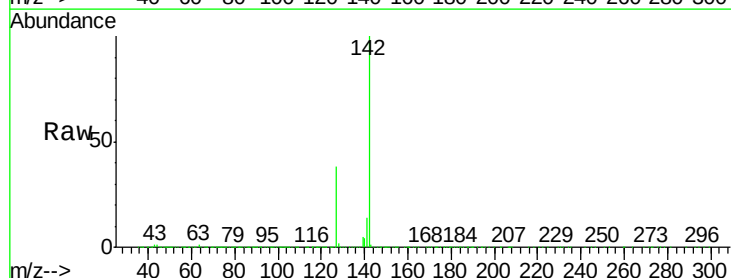
Tgt Ion:142 Resp: 193208

Ion Ratio Lower Upper

142 100

127 39.8 31.7 47.5

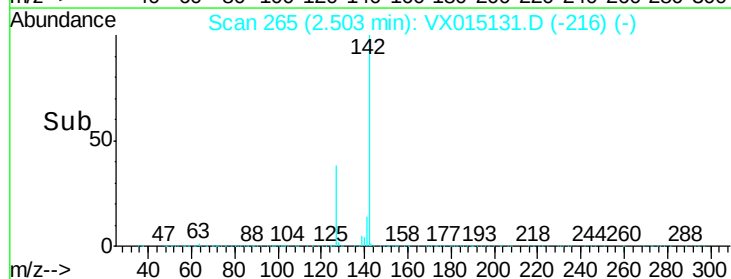
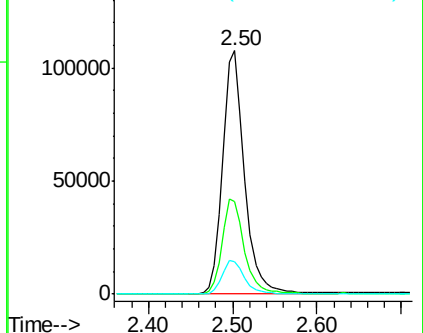
141 14.4 11.3 16.9

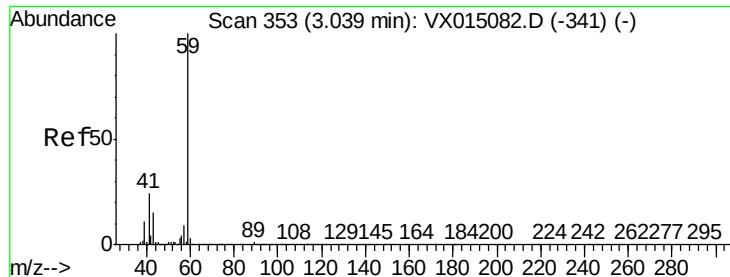


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



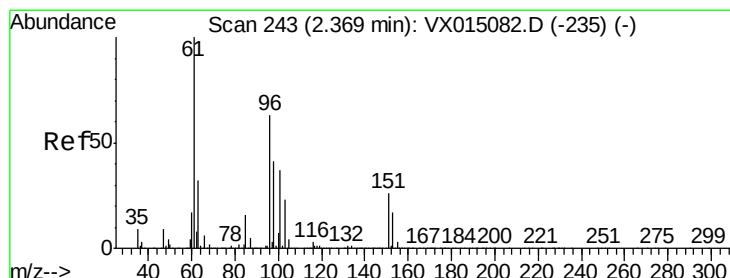
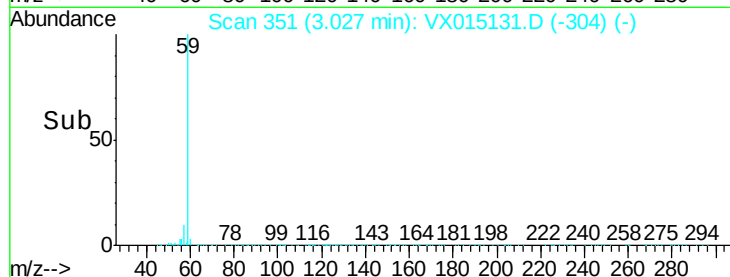
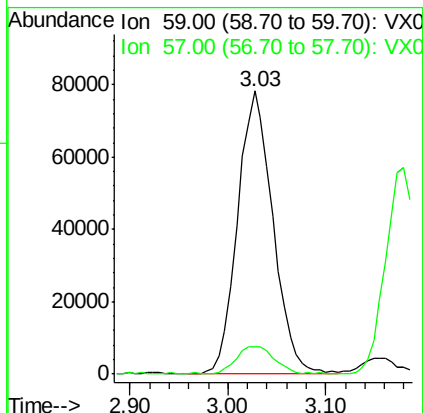
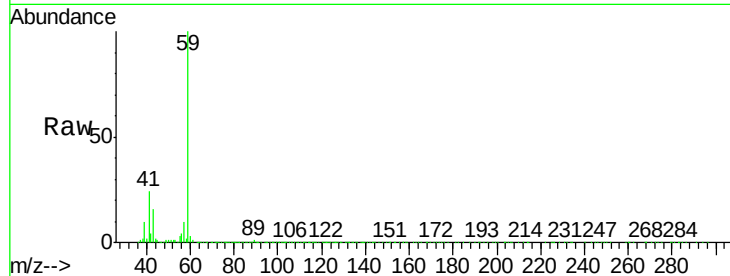


#11

Tert butyl alcohol
Concen: 258.87 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

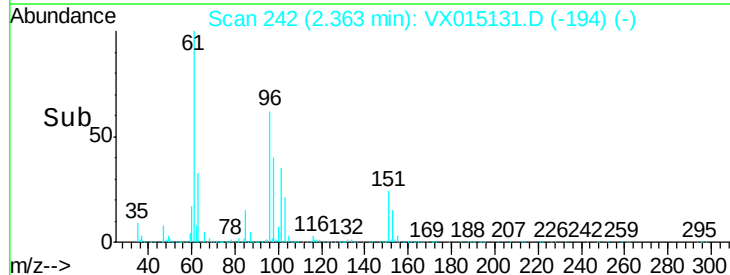
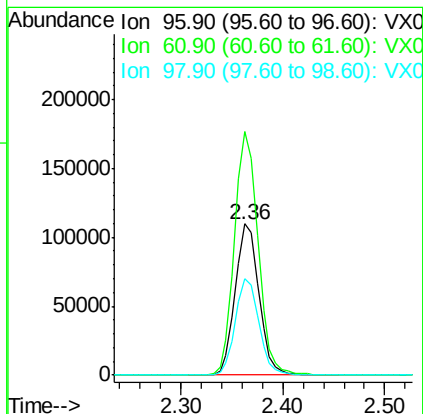
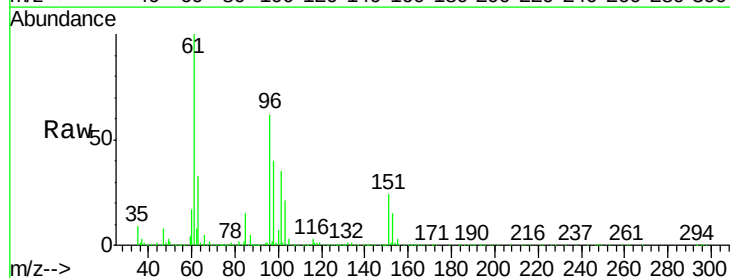
Tgt Ion: 59 Resp: 195242
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

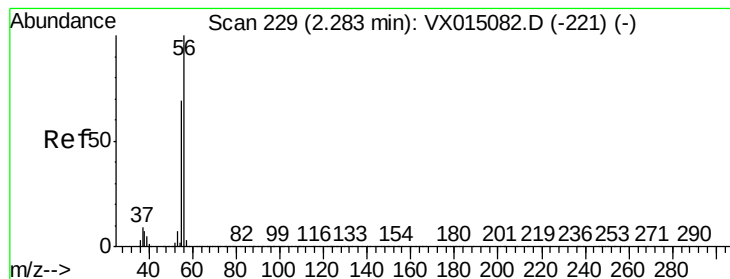


#12

1,1-Dichloroethene
Concen: 49.23 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 96 Resp: 175301
Ion Ratio Lower Upper
96 100
61 160.9 126.2 189.4
98 63.5 51.4 77.0





#13

Acrolein

Concen: 265.77 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

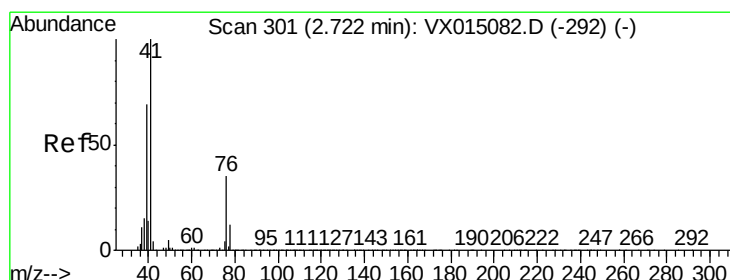
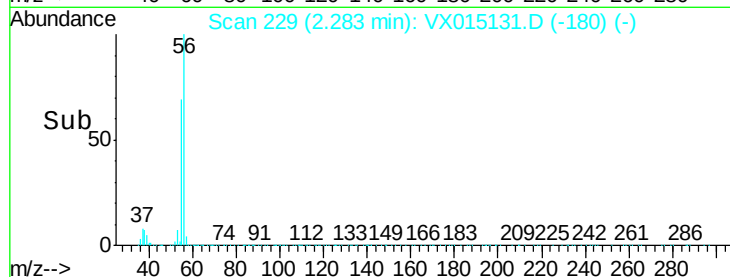
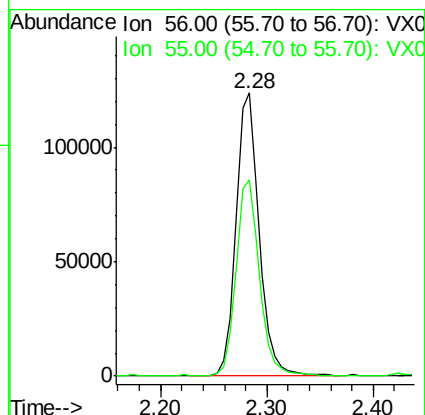
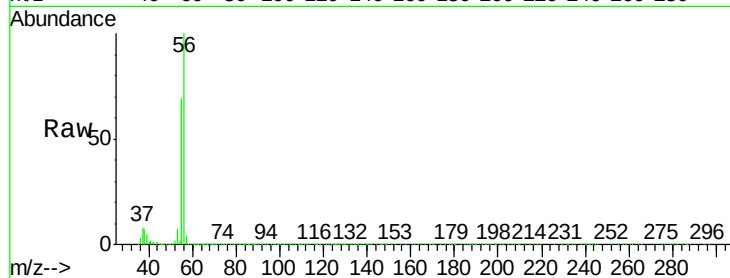
VSTDCCC050

Tgt Ion: 56 Resp: 188369

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.0



#14

Allyl chloride

Concen: 51.36 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

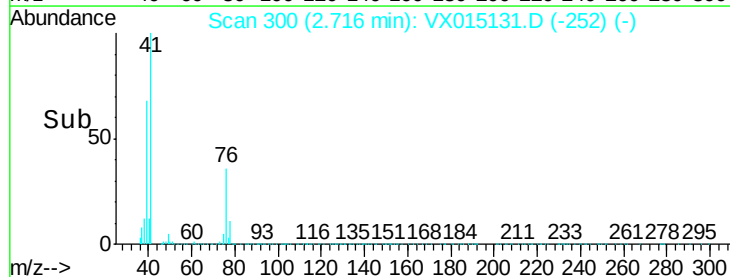
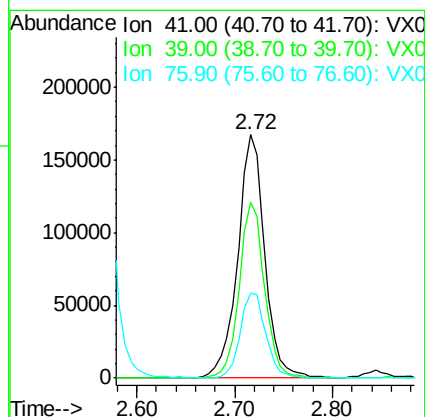
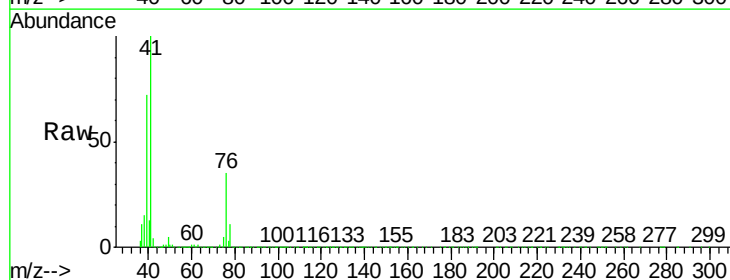
Tgt Ion: 41 Resp: 318863

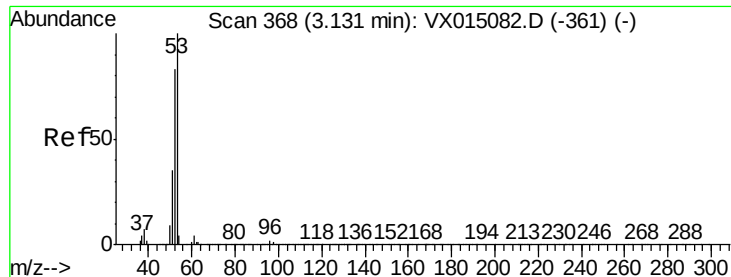
Ion Ratio Lower Upper

41 100

39 67.5 52.9 79.3

76 32.8 26.8 40.2

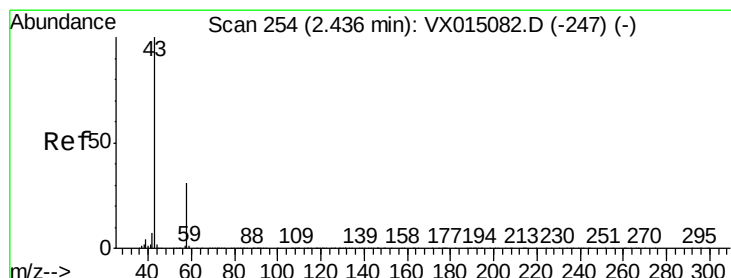
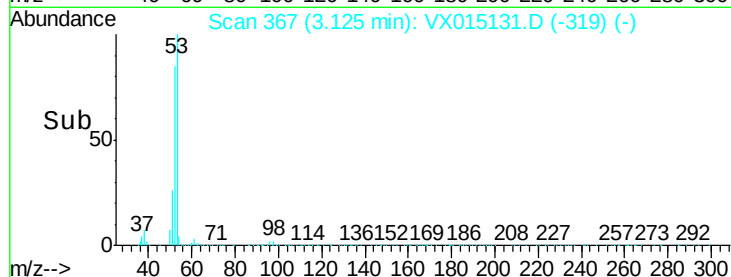
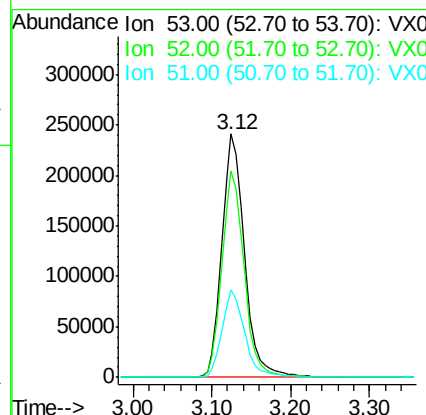
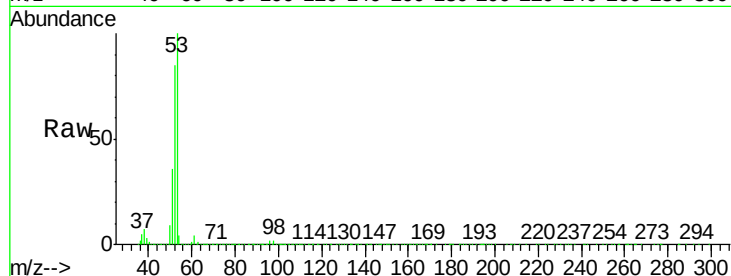




#15
 Acrylonitrile
 Concen: 255.80 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

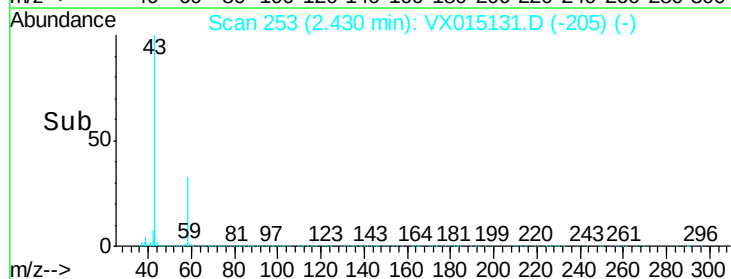
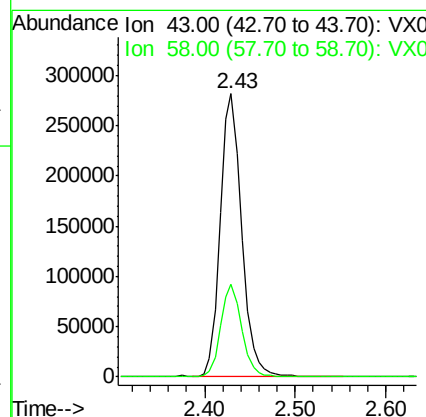
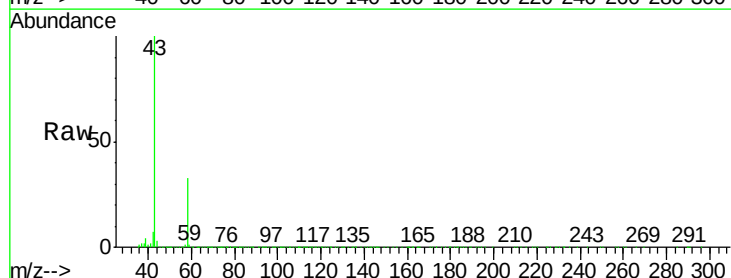
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

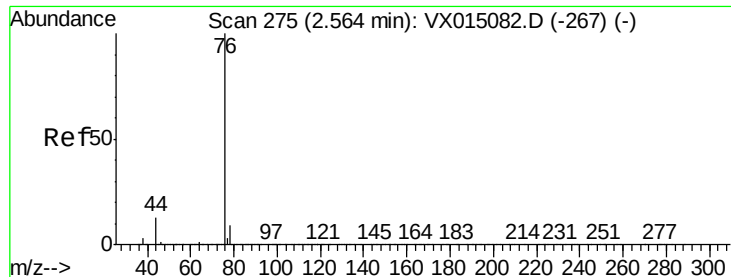
Tgt Ion	Resp	Lower	Upper
53	480465		
52	83.2	66.6	100.0
51	36.0	29.0	43.6



#16
 Acetone
 Concen: 264.19 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion	Resp	Lower	Upper
43	465105		
58	32.7	24.8	37.2





#17

Carbon Disulfide

Concen: 47.52 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

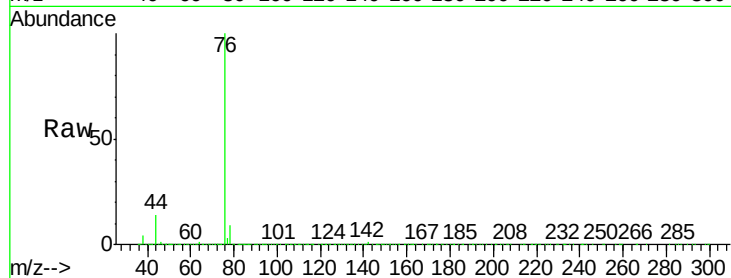
VSTDCCC050

Tgt Ion: 76 Resp: 469902

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

300000

250000

200000

150000

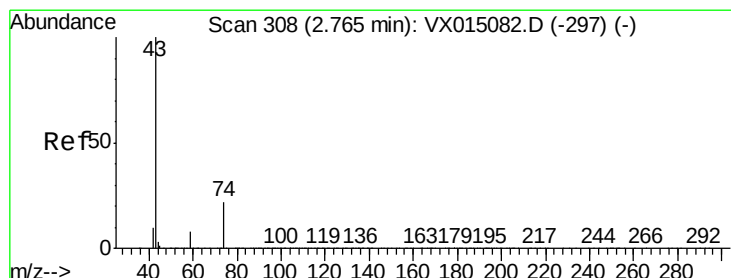
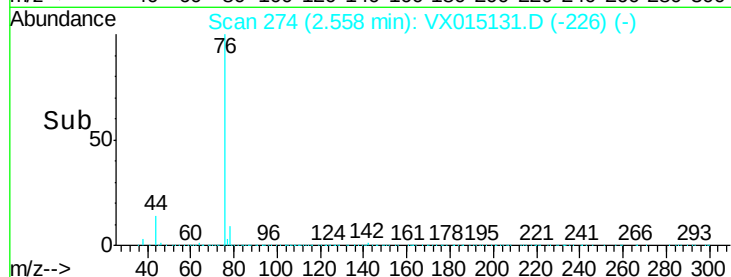
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 49.19 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015131.D

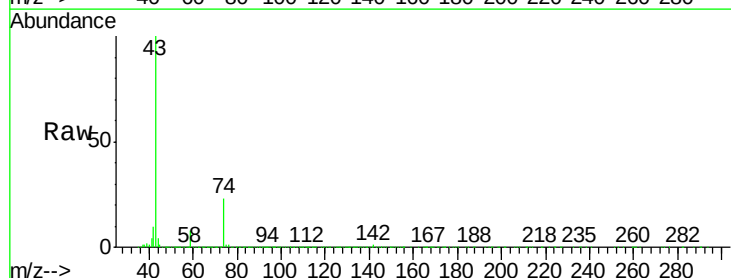
Acq: 09 Mar 2020 10:20

Tgt Ion: 43 Resp: 211760

Ion Ratio Lower Upper

43 100

74 23.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

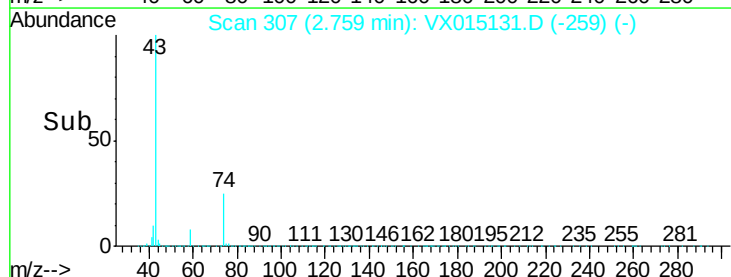
100000

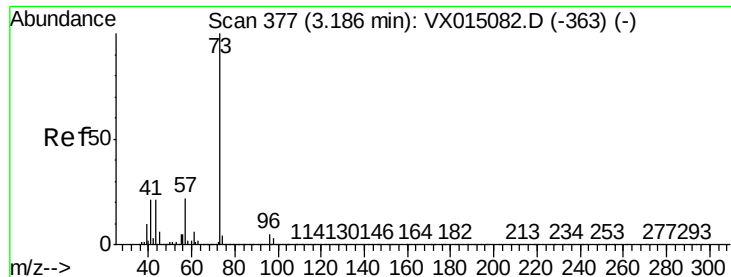
50000

0

2.60 2.70 2.80

Time-->





#19

Methyl tert-butyl Ether

Concen: 52.03 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampled :

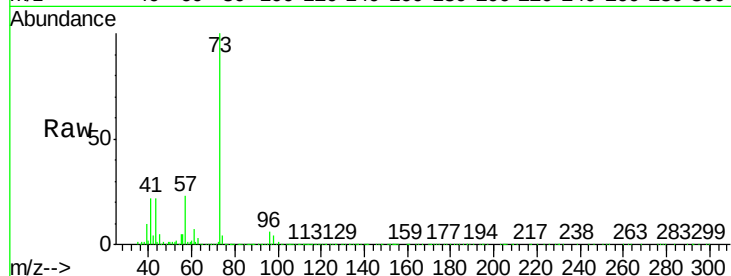
VSTDCCC050

Tgt Ion: 73 Resp: 578912

Ion Ratio Lower Upper

73 100

57 22.8 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

250000

200000

150000

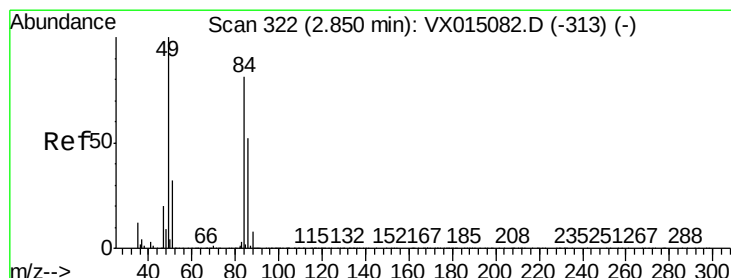
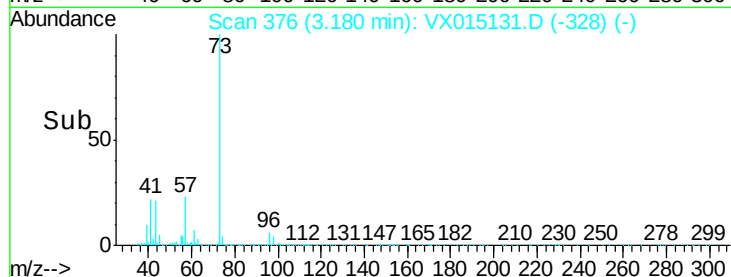
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 47.67 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Tgt Ion: 84 Resp: 196381

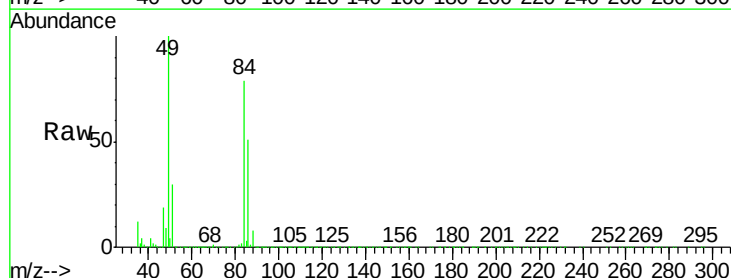
Ion Ratio Lower Upper

84 100

49 126.6 99.4 149.2

51 38.1 31.5 47.3

86 64.1 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

150000

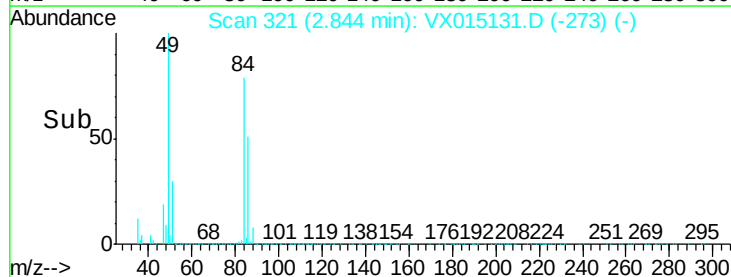
100000

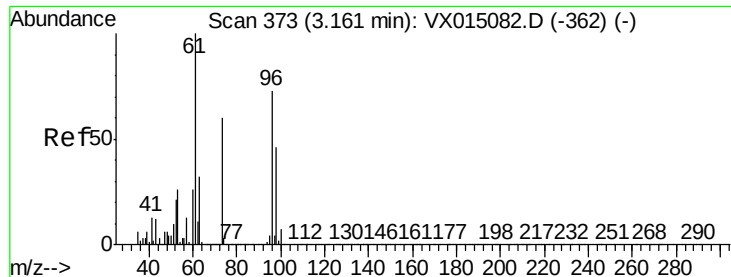
50000

0

2.70 2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.64 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

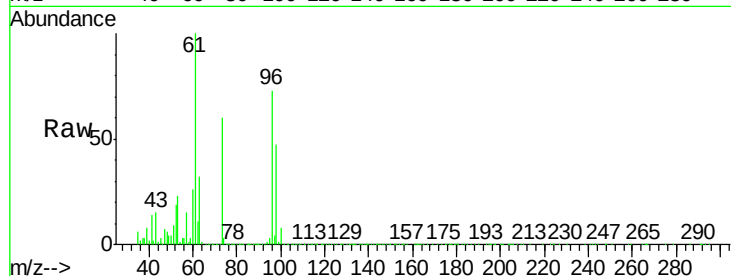
Tgt Ion: 96 Resp: 188734

Ion Ratio Lower Upper

96 100

61 136.8 109.9 164.9

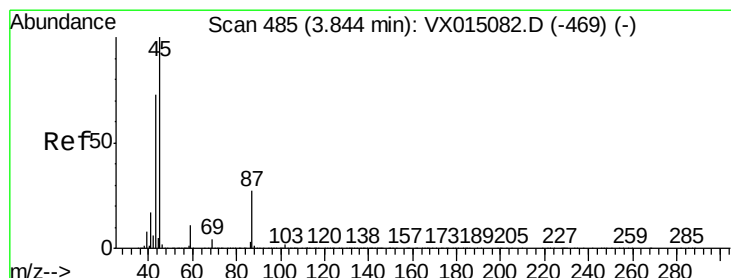
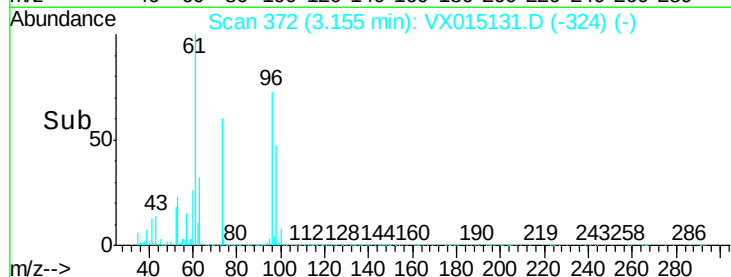
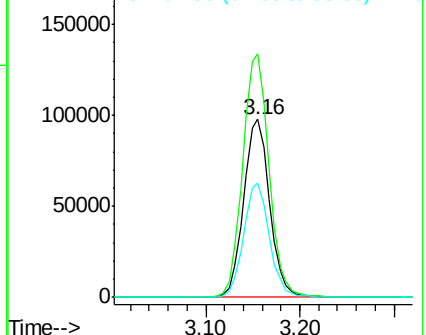
98 63.8 50.2 75.2



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: 52.86 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Tgt Ion: 45 Resp: 653879

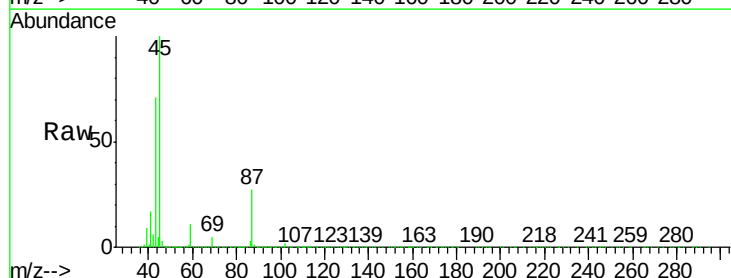
Ion Ratio Lower Upper

45 100

43 70.2 58.2 87.2

87 27.2 21.2 31.8

59 11.4 8.9 13.3

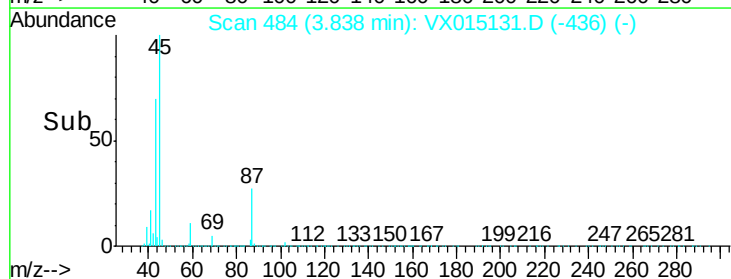
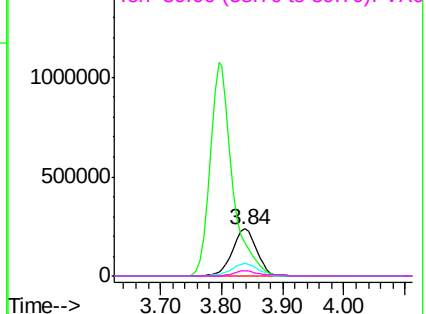


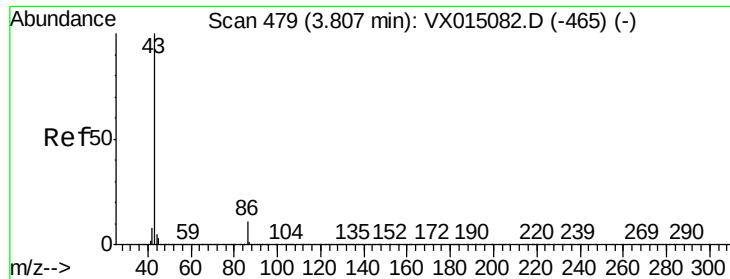
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.85 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

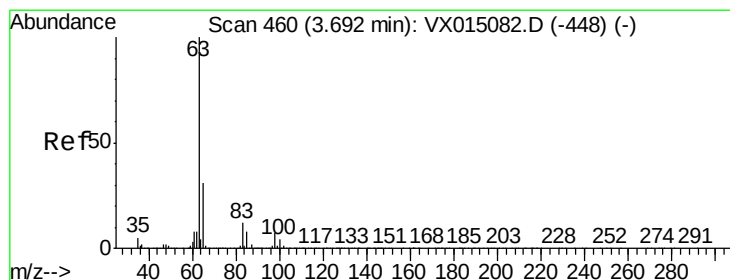
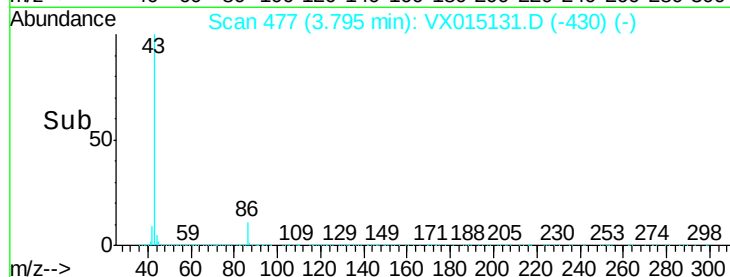
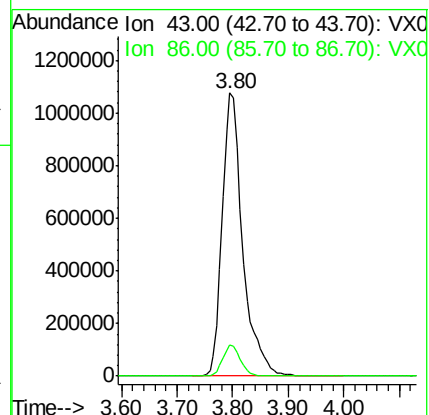
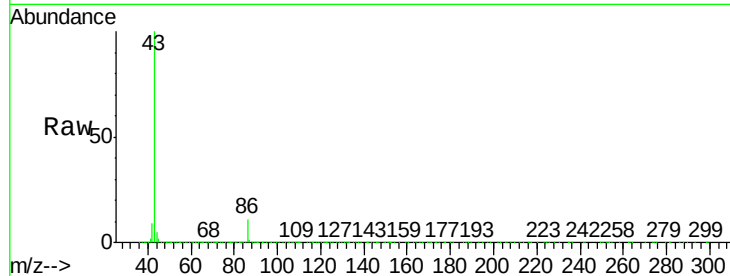
VSTDCCC050

Tgt Ion: 43 Resp: 2753973

Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 50.04 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

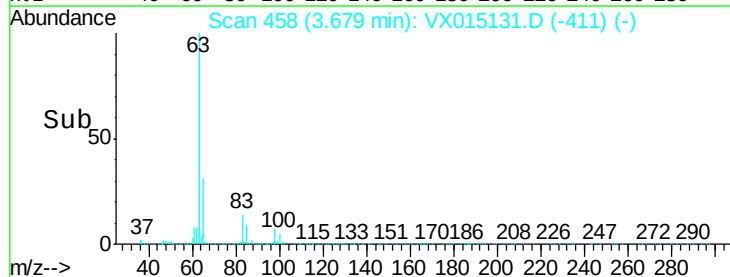
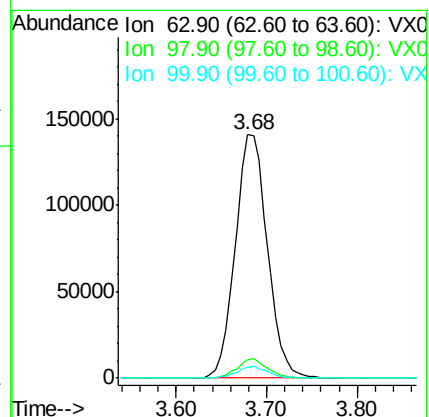
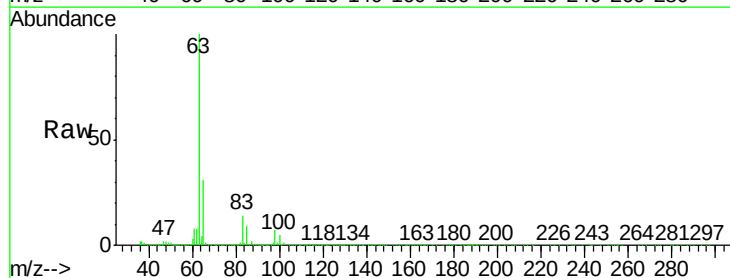
Tgt Ion: 63 Resp: 343534

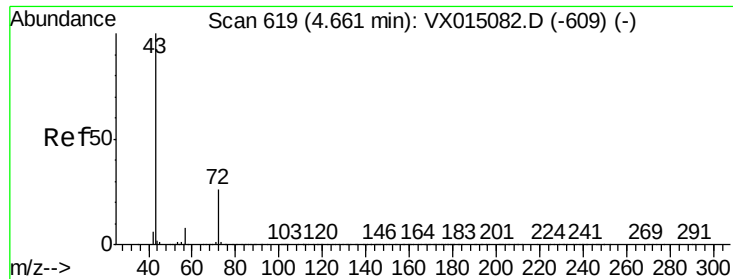
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.5 2.1 6.5

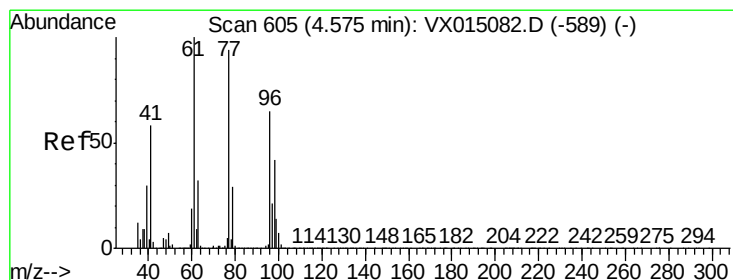
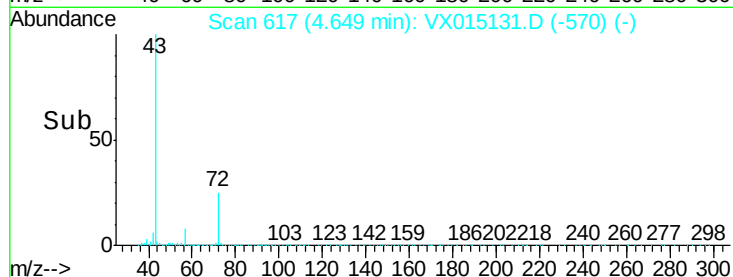
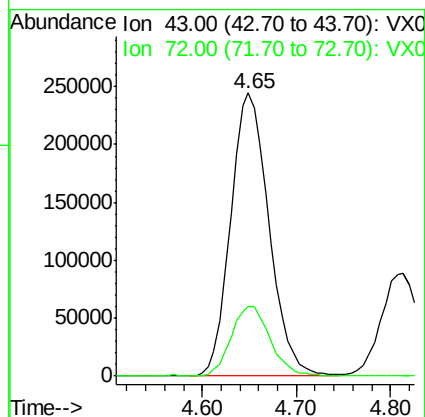
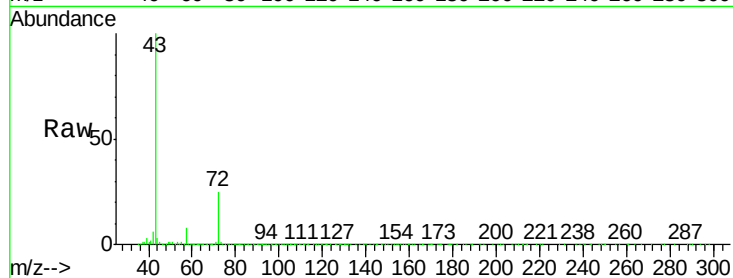




#25
2-Butanone
Concen: 267.22 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

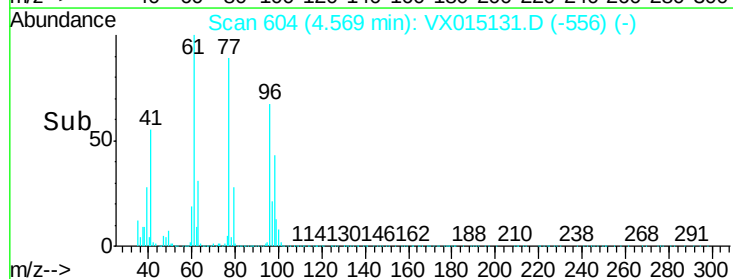
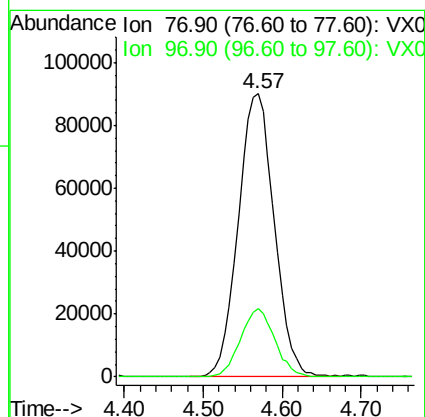
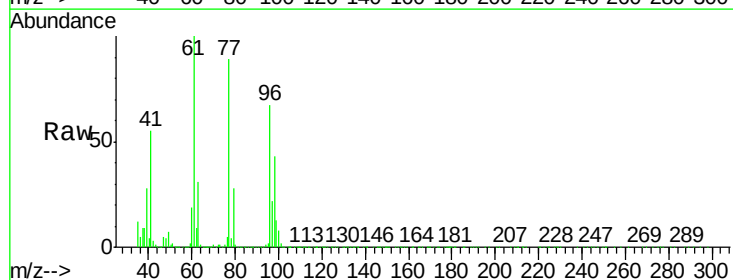
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

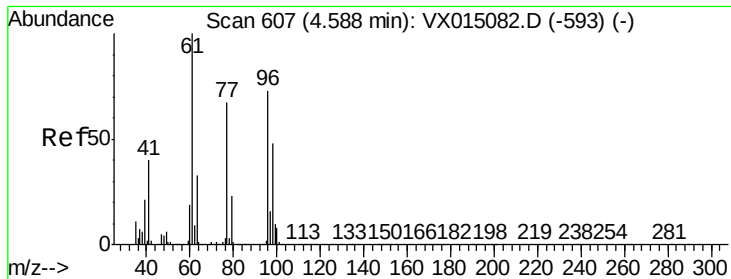
Tgt Ion: 43 Resp: 688716
Ion Ratio Lower Upper
43 100
72 24.6 20.6 30.8



#26
2,2-Dichloropropane
Concen: 52.32 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 77 Resp: 285152
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 50.27 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

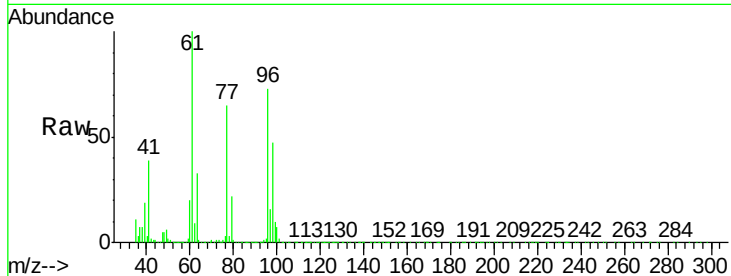
Tgt Ion: 96 Resp: 214415

Ion Ratio Lower Upper

96 100

61 146.6 0.0 286.8

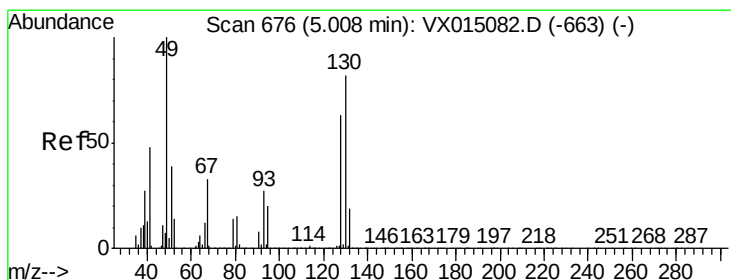
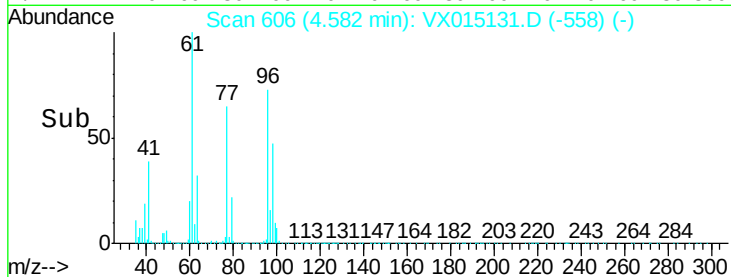
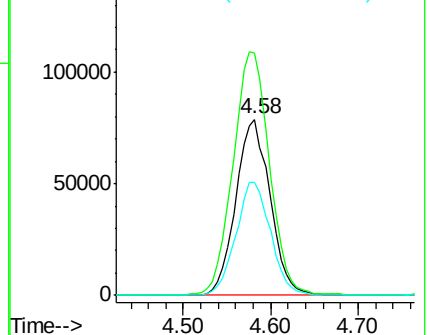
98 65.1 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.54 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

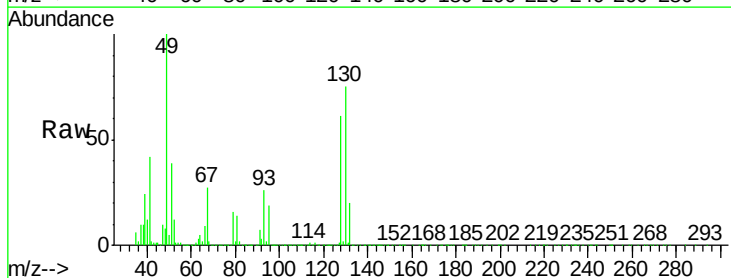
Tgt Ion: 49 Resp: 157999

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

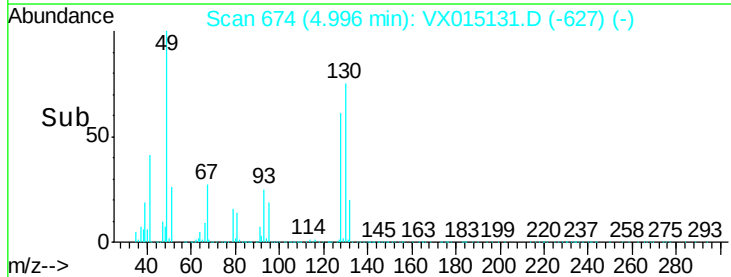
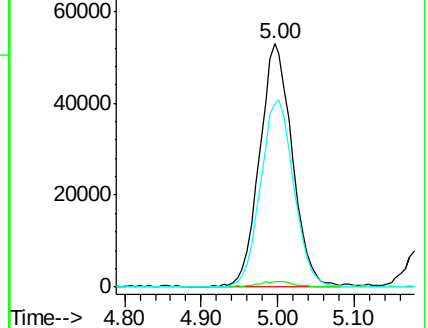
130 77.8 65.0 97.6

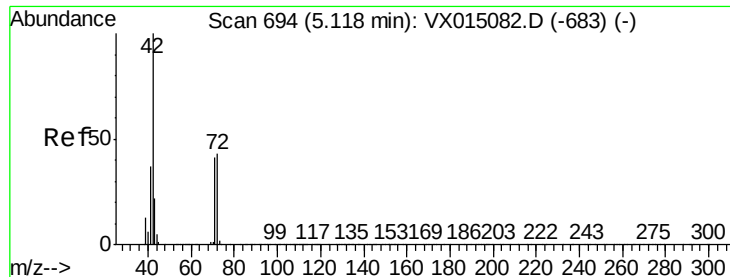


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 253.57 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

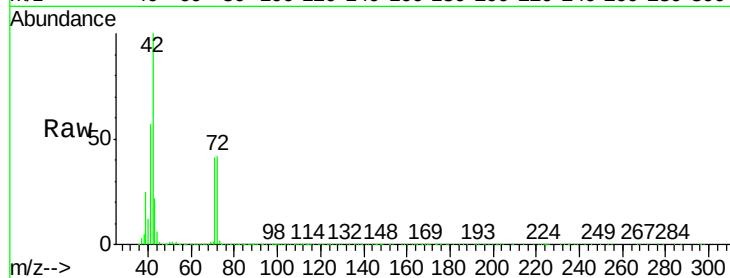
Tgt Ion: 42 Resp: 421281

Ion Ratio Lower Upper

42 100

72 43.9 36.4 54.6

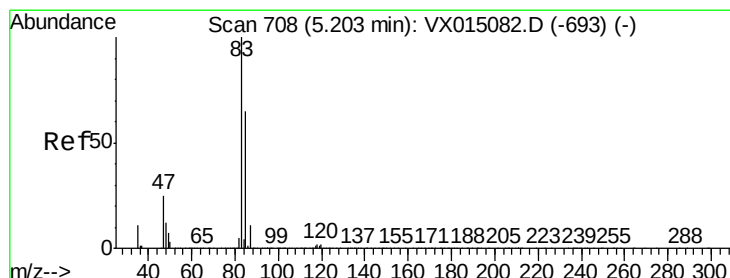
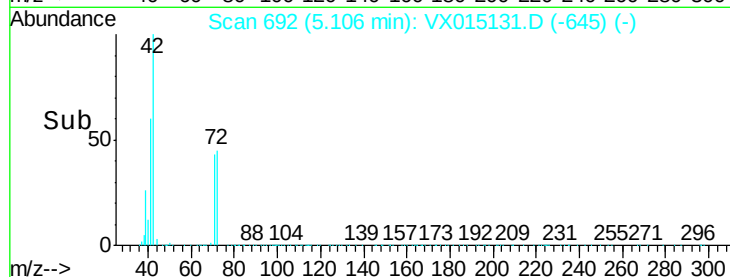
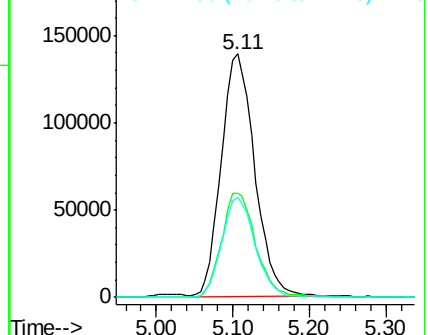
71 41.3 33.3 49.9



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: 50.69 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015131.D

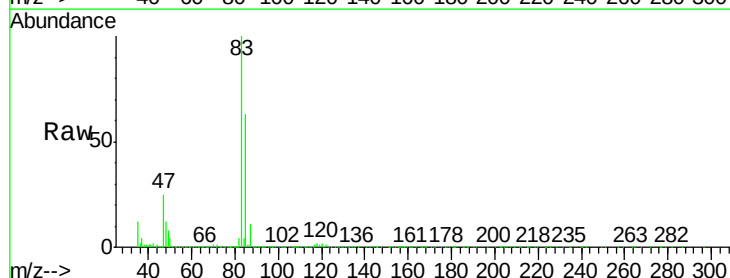
Acq: 09 Mar 2020 10:20

Tgt Ion: 83 Resp: 339206

Ion Ratio Lower Upper

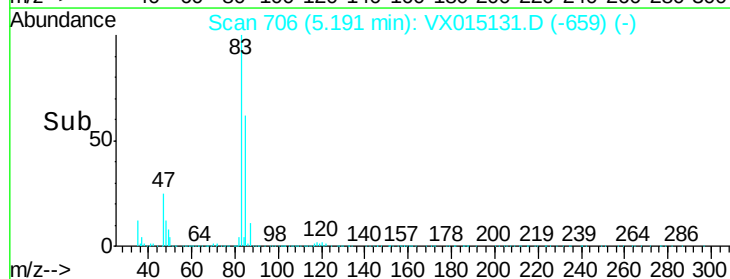
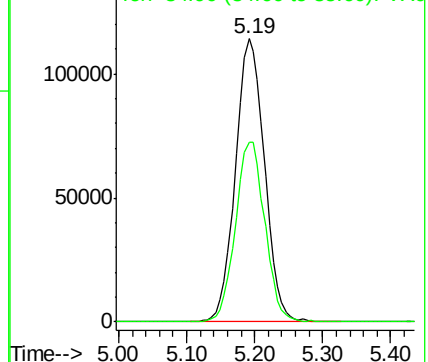
83 100

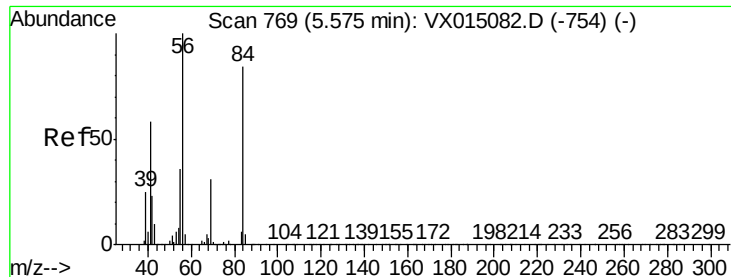
85 63.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

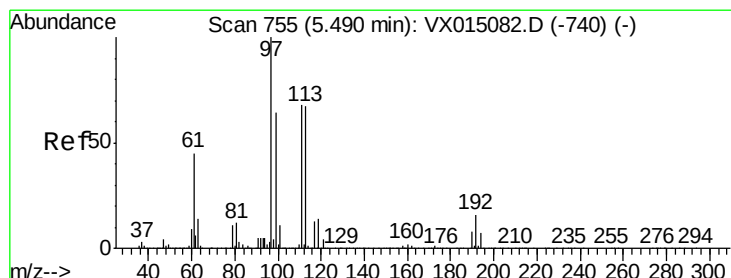
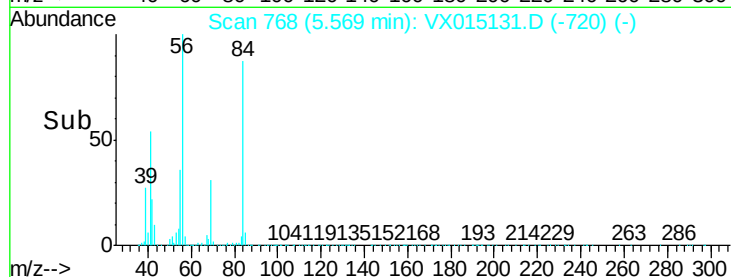
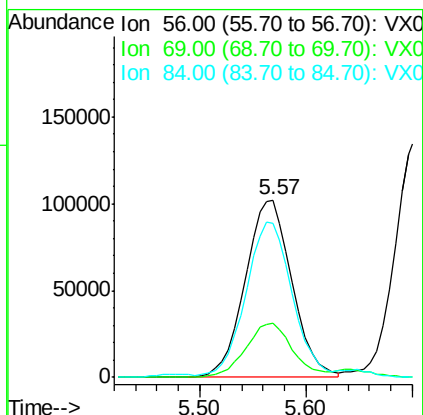
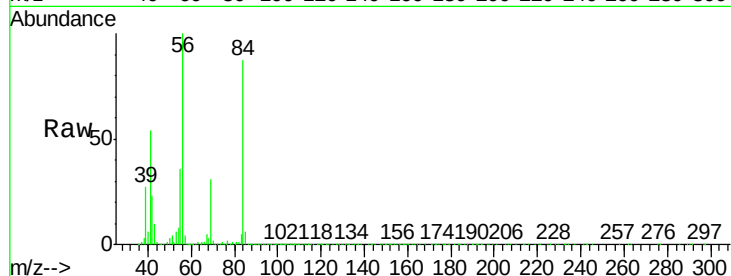




#31
Cyclohexane
Concen: 50.85 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

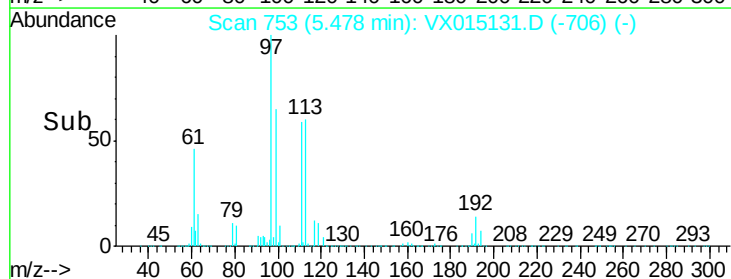
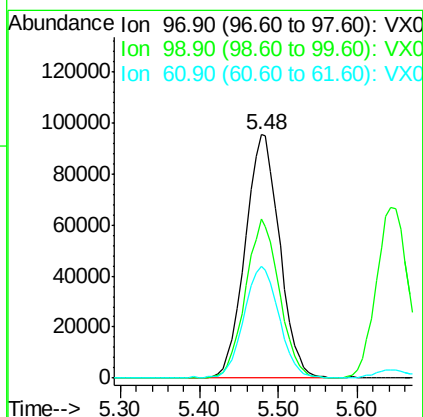
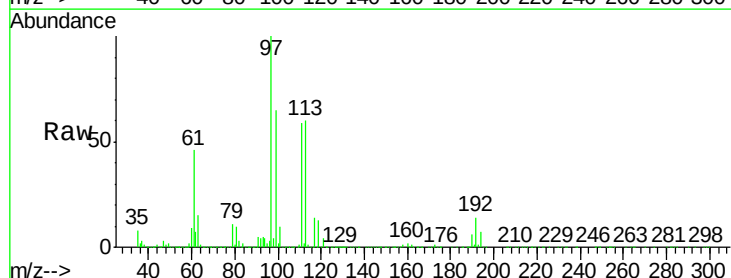
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

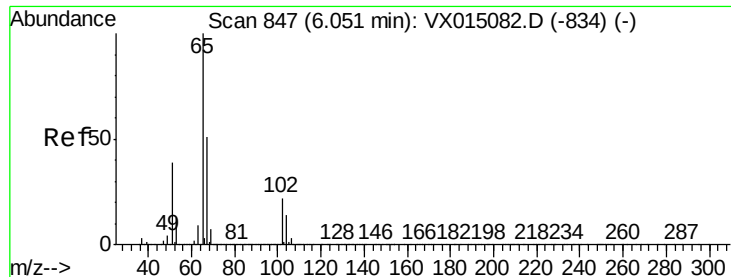
Tgt Ion: 56 Resp: 311404
Ion Ratio Lower Upper
56 100
69 30.5 25.0 37.6
84 85.1 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 52.02 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 97 Resp: 288524
Ion Ratio Lower Upper
97 100
99 63.9 52.8 79.2
61 46.4 36.6 54.8

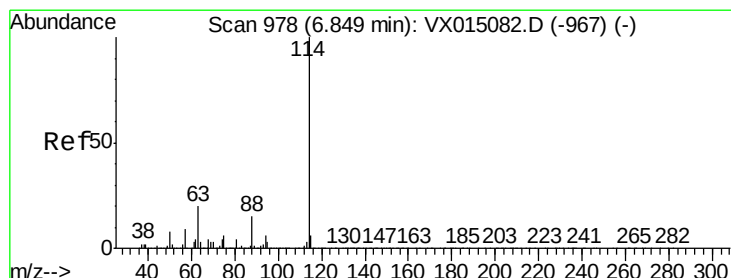
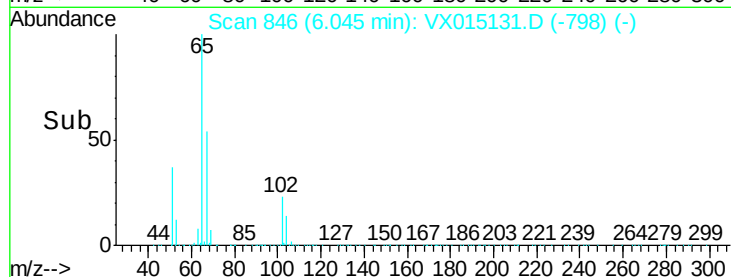
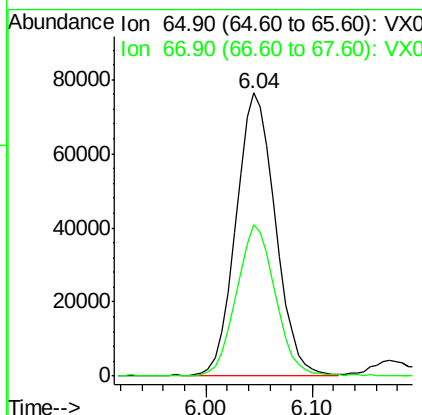
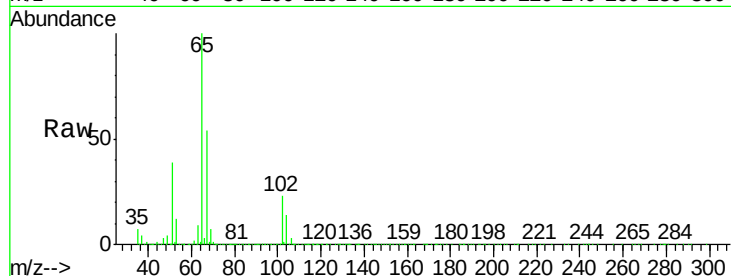




#33
 1,2-Dichloroethane-d4
 Concen: 45.25 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

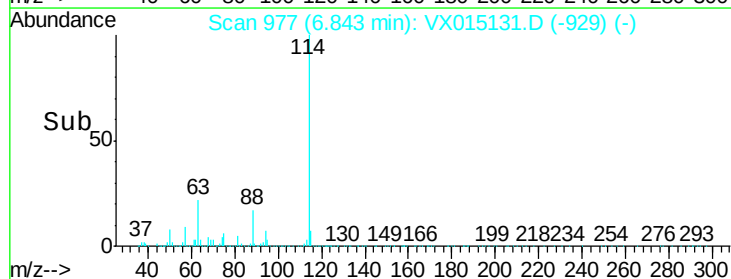
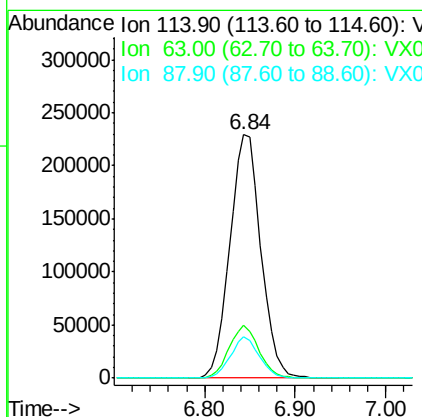
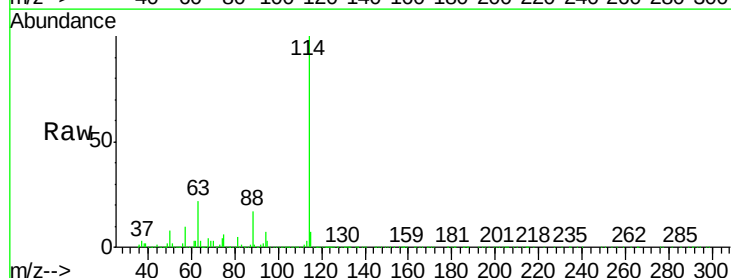
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

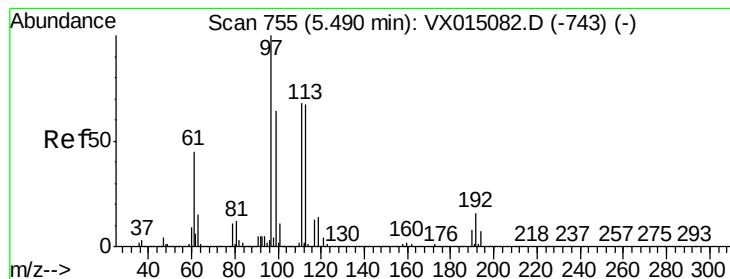
Tgt Ion: 65 Resp: 196713
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion: 114 Resp: 542714
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.0
 88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.69 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

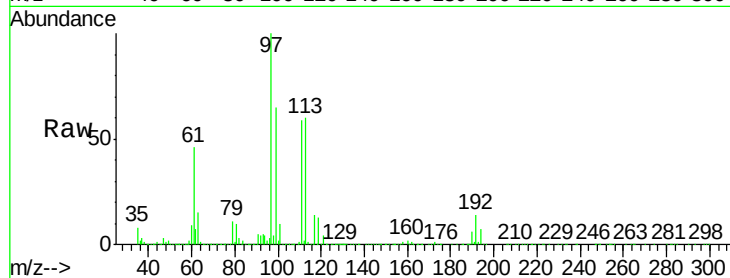
Tgt Ion:113 Resp: 163270

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

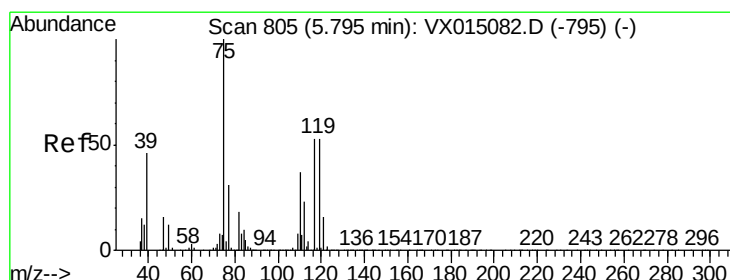
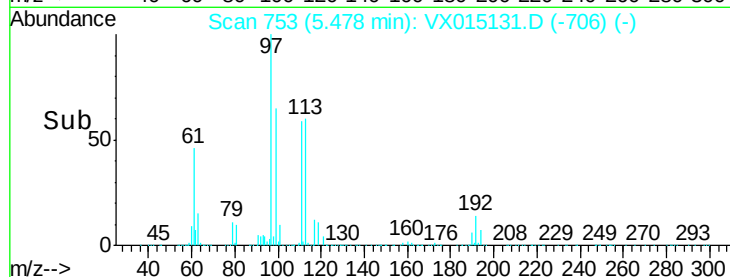
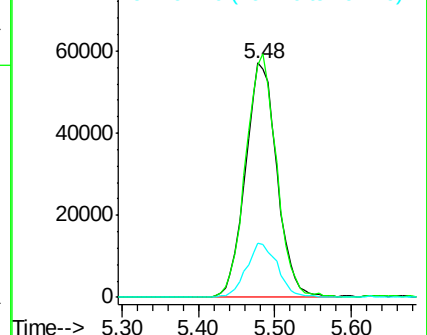
192 23.1 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.61 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

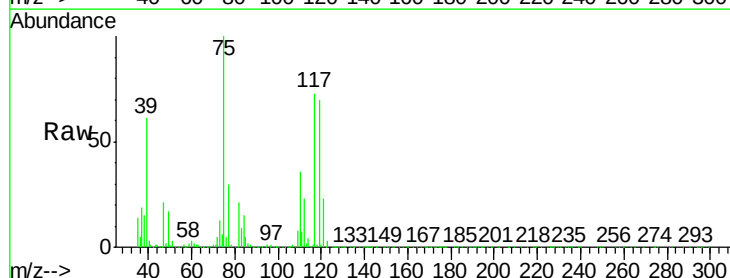
Tgt Ion: 75 Resp: 258915

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.8

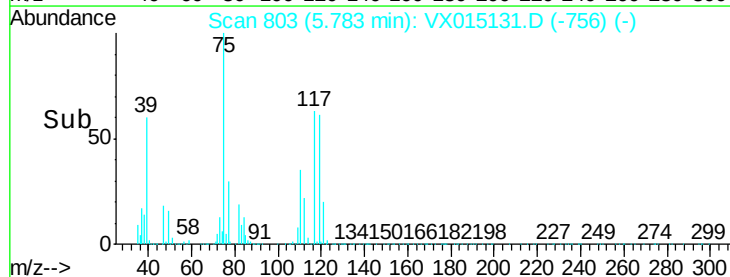
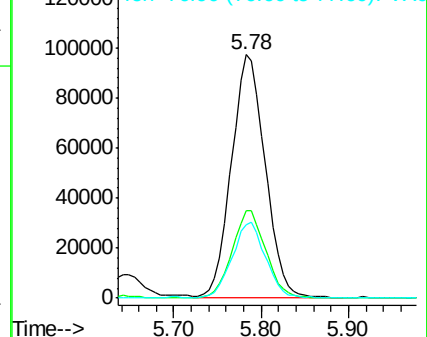
77 30.4 24.8 37.2

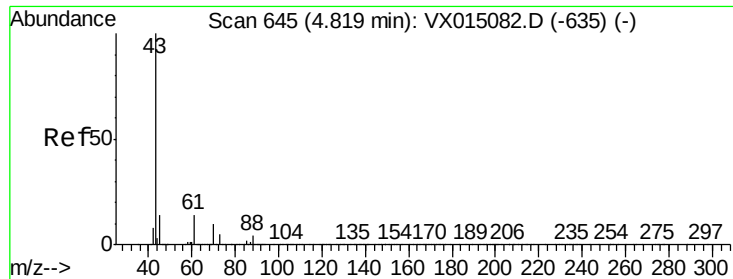


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



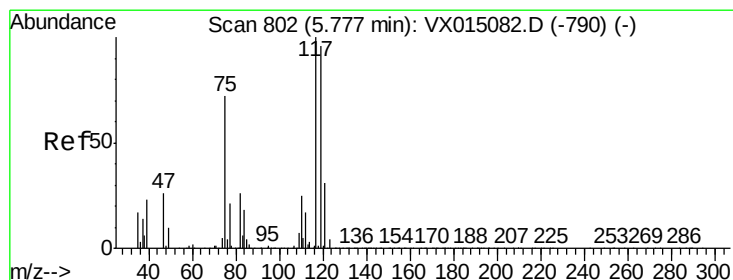
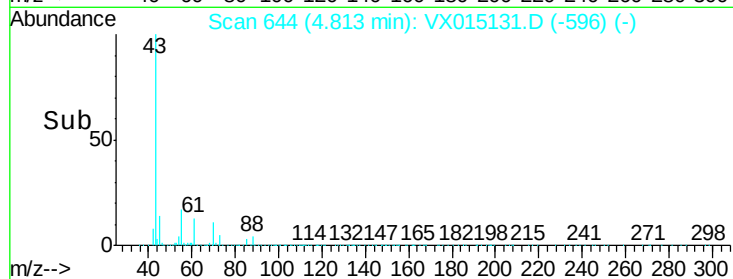
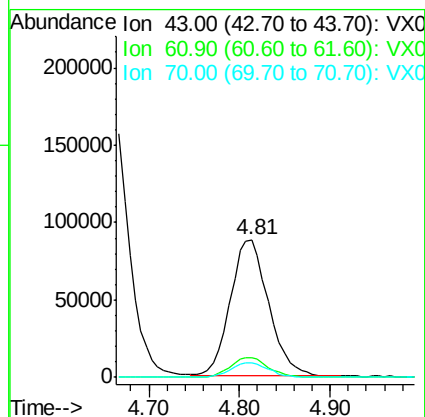
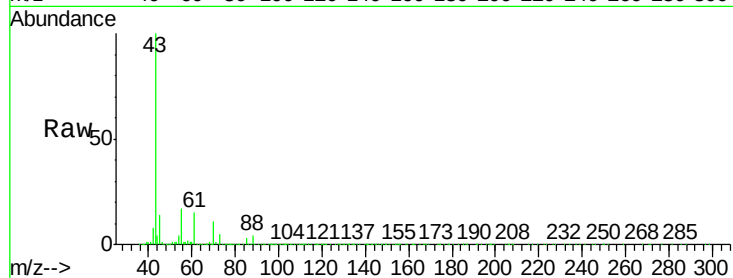


#37
Ethyl Acetate
 Concen: 55.37 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 257710

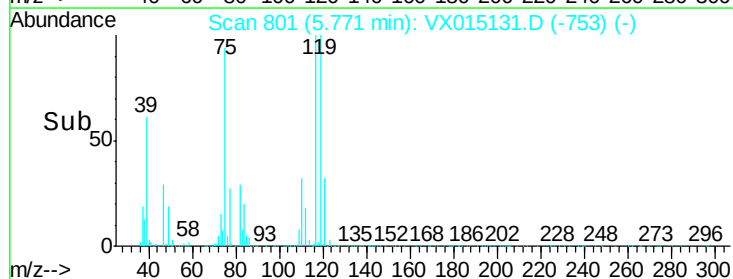
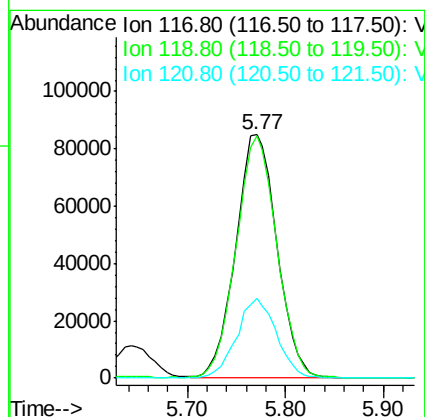
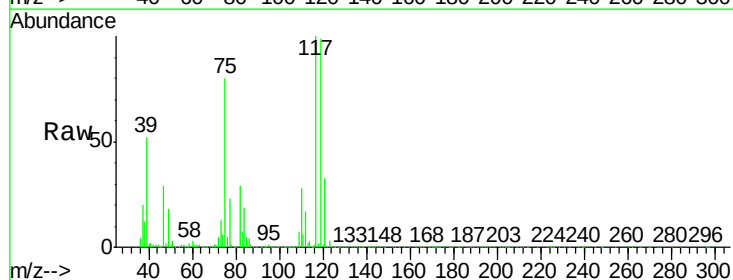
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.5	8.1	12.1

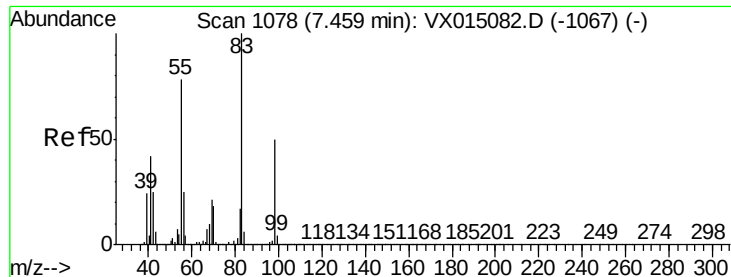


#38
Carbon Tetrachloride
 Concen: 52.35 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion: 117 Resp: 247916

Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.9	115.3
121	32.5	24.6	37.0

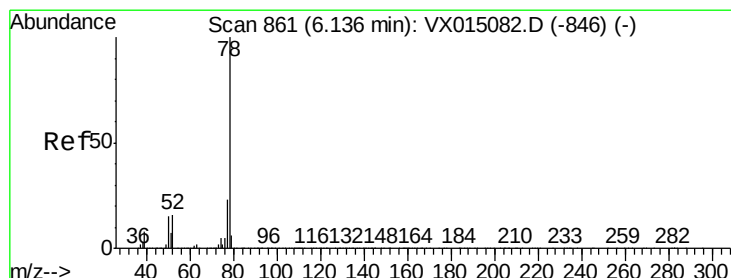
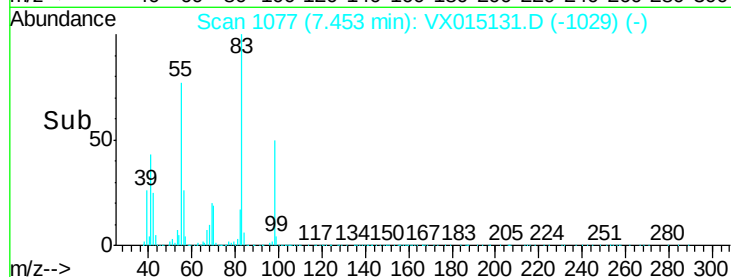
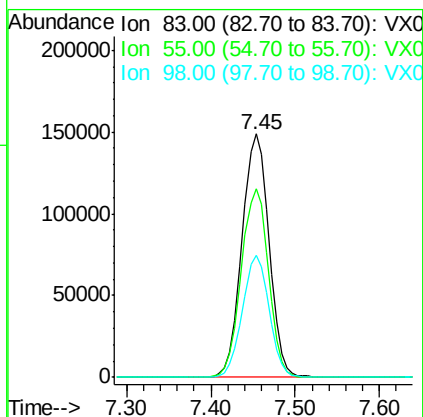
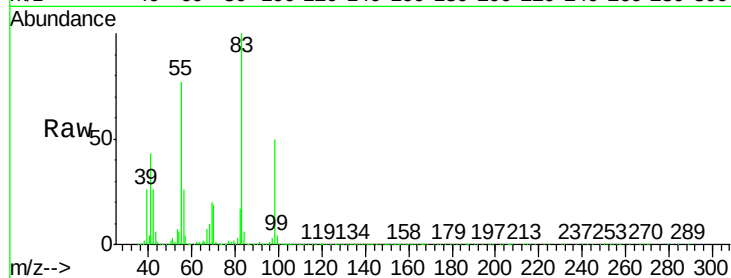




#39
Methylcyclohexane
Concen: 55.01 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

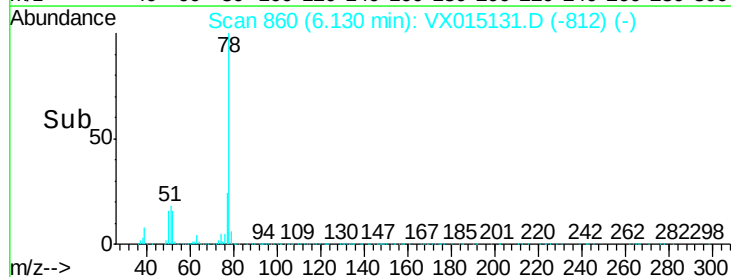
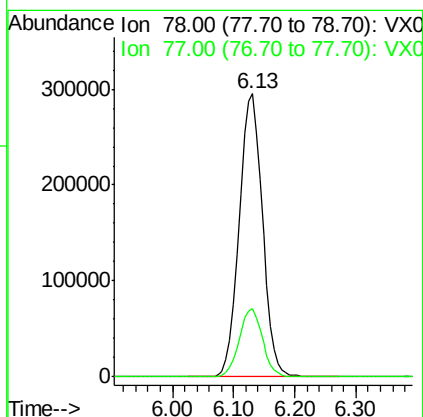
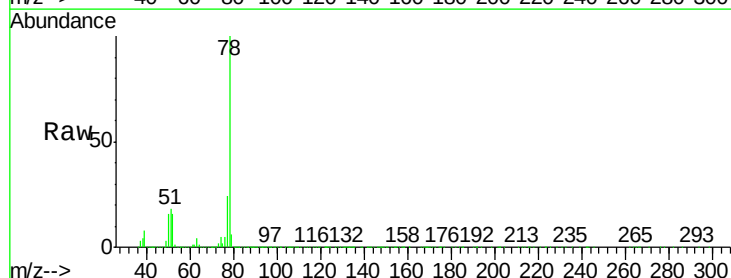
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

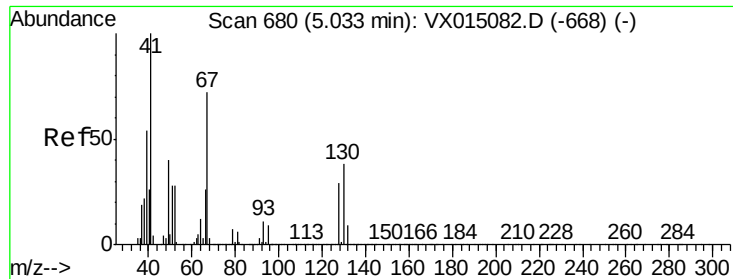
Tgt Ion: 83 Resp: 322274
Ion Ratio Lower Upper
83 100
55 77.2 62.4 93.6
98 50.3 39.7 59.5



#40
Benzene
Concen: 52.05 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 78 Resp: 774806
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

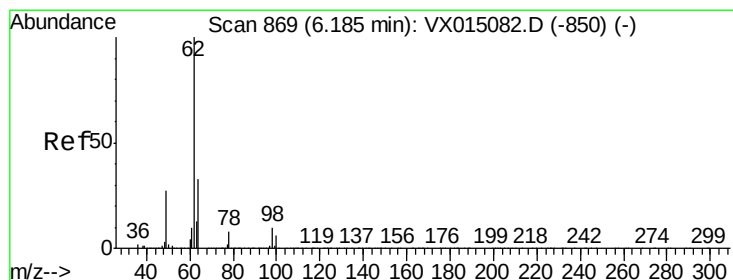
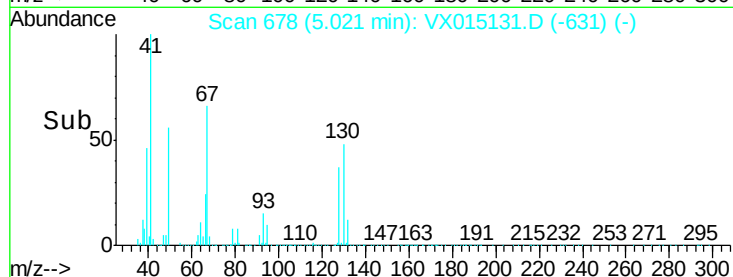
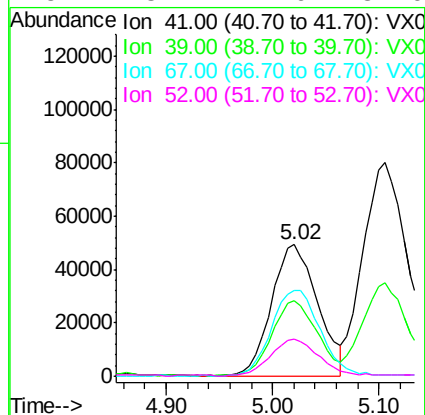
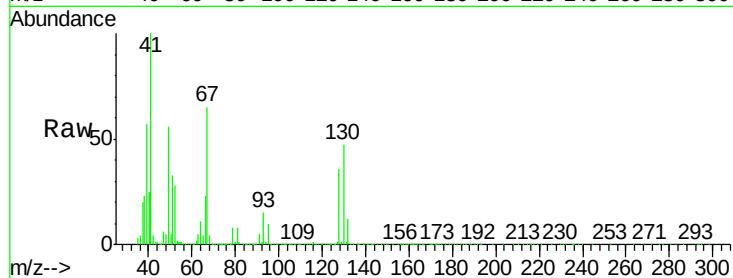




#41
Methacrylonitrile
Concen: 53.40 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

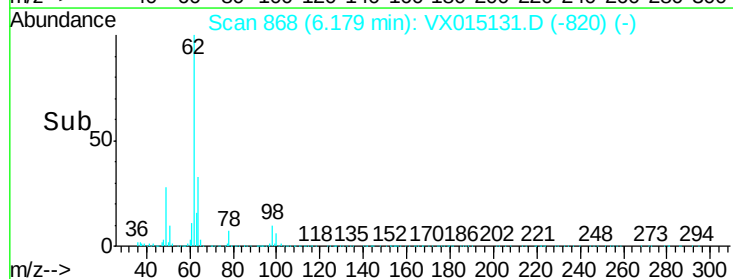
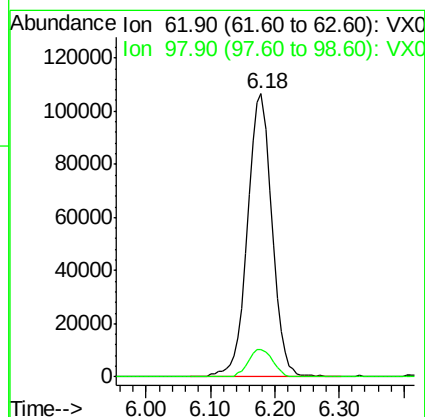
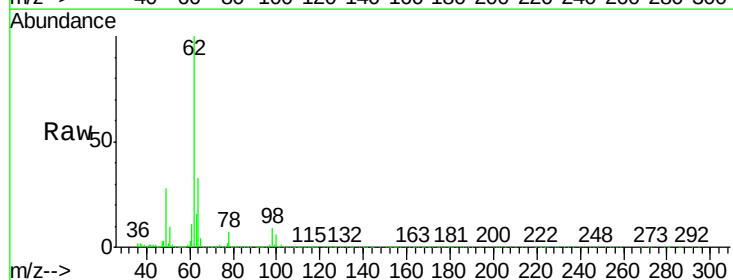
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

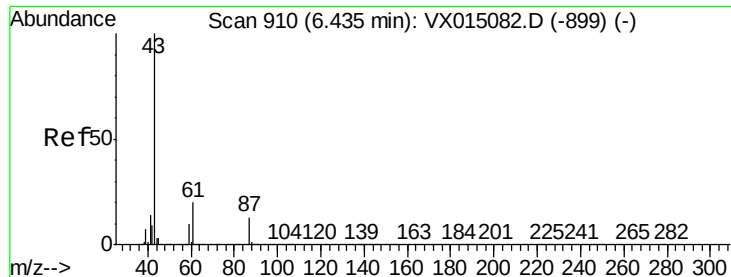
Tgt Ion:	41	Resp:	149269
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.9	65.9
67	68.1	57.8	86.8
52	28.7	22.6	34.0



#42
1,2-Dichloroethane
Concen: 54.33 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion:	62	Resp:	277702
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 53.49 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

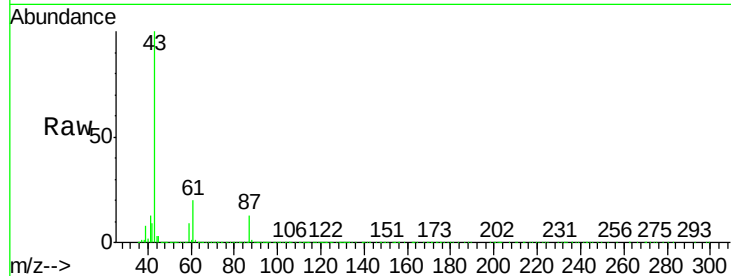
Tgt Ion: 43 Resp: 437901

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

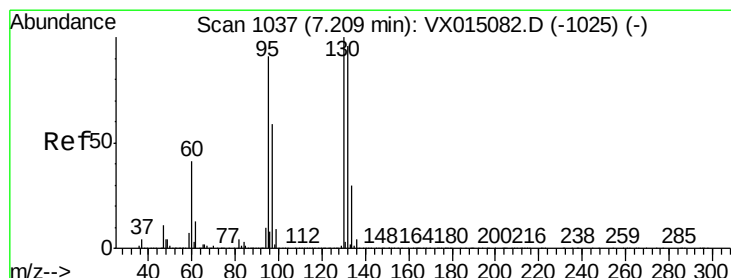
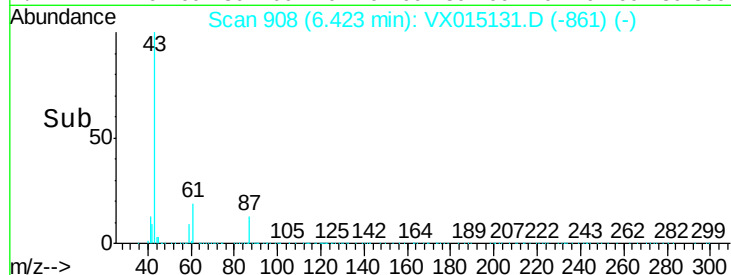
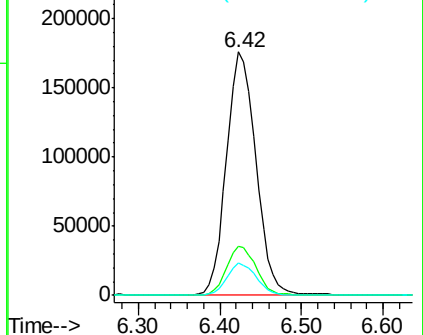
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.39 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015131.D

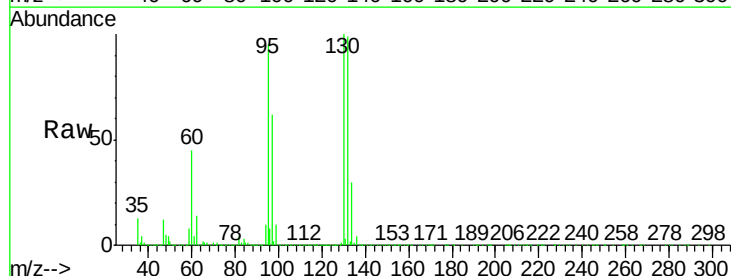
Acq: 09 Mar 2020 10:20

Tgt Ion: 130 Resp: 208876

Ion Ratio Lower Upper

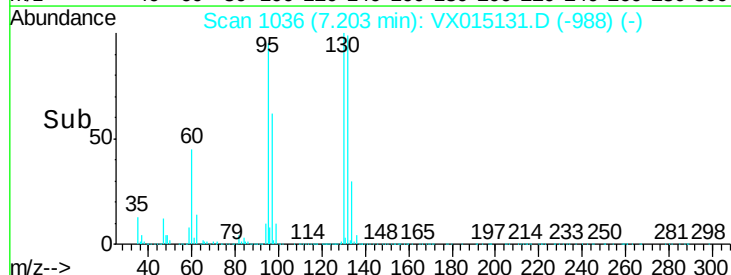
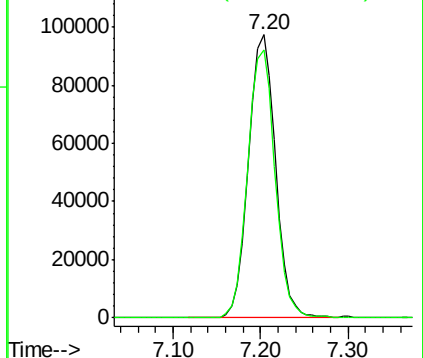
130 100

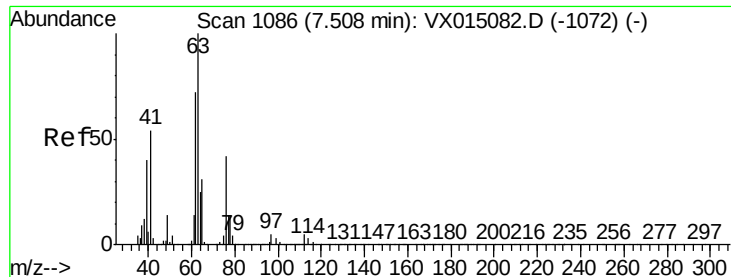
95 94.4 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

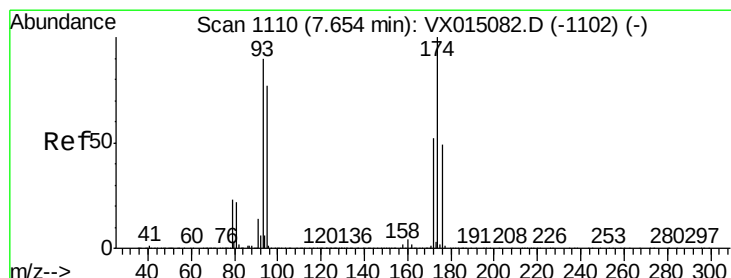
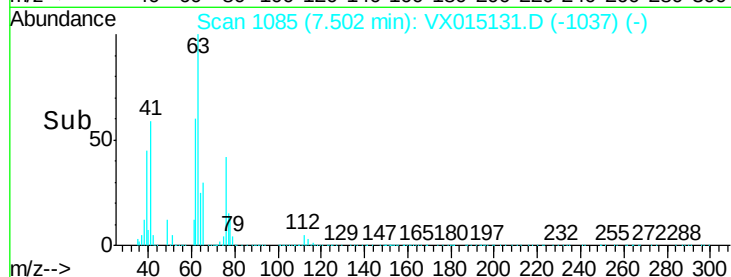
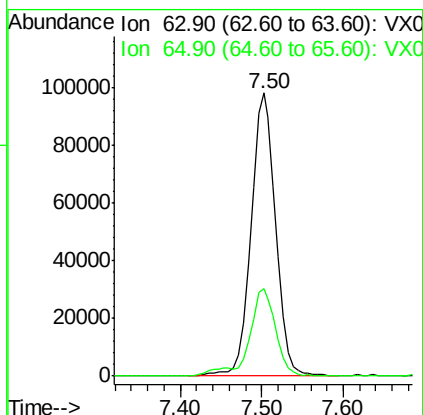
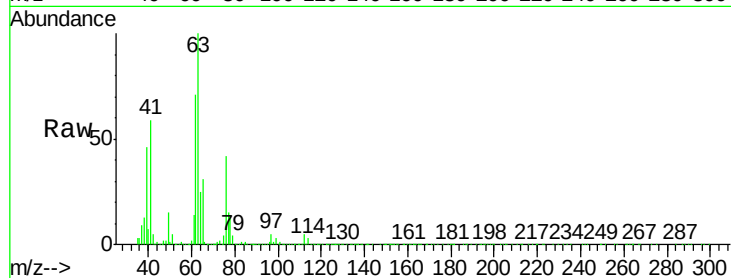




#45
 1,2-Dichloropropane
 Concen: 53.39 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

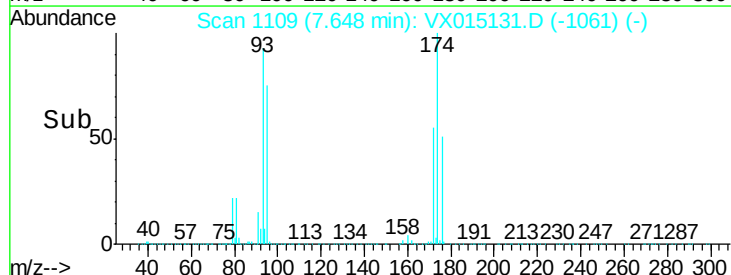
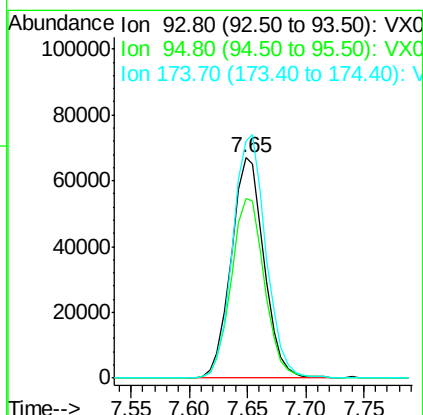
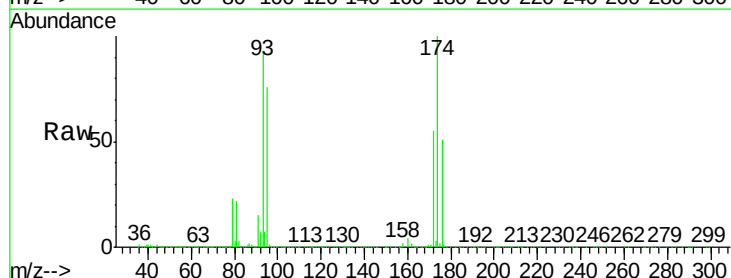
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

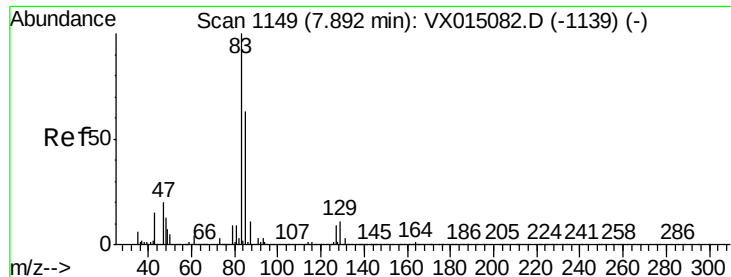
Tgt Ion: 63 Resp: 205698
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 52.23 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion: 93 Resp: 131119
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.8 101.8
 174 112.2 91.0 136.4





#47

Bromodichloromethane

Concen: 54.67 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

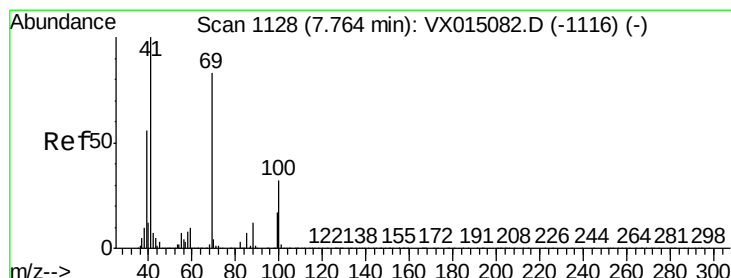
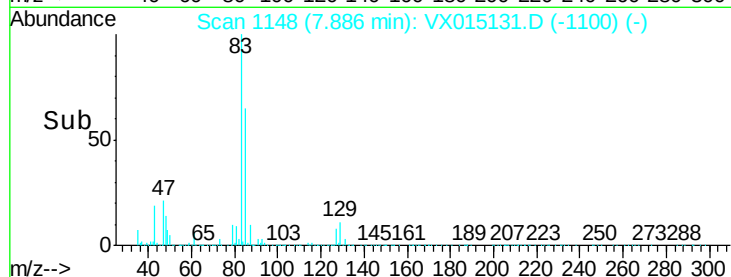
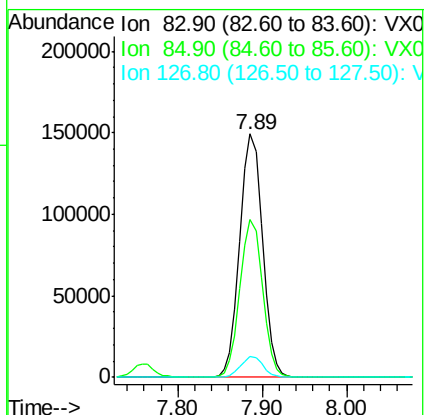
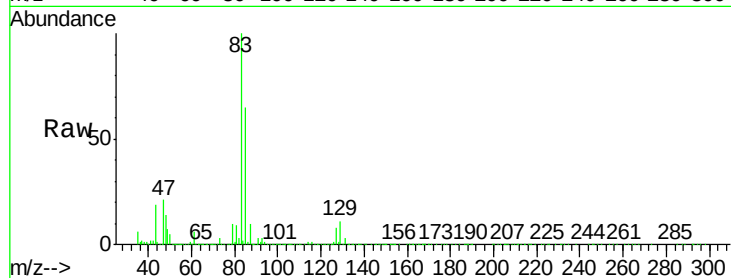
Tgt Ion: 83 Resp: 271411

Ion Ratio Lower Upper

83 100

85 65.0 50.6 75.8

127 8.4 7.1 10.7



#48

Methyl methacrylate

Concen: 52.80 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

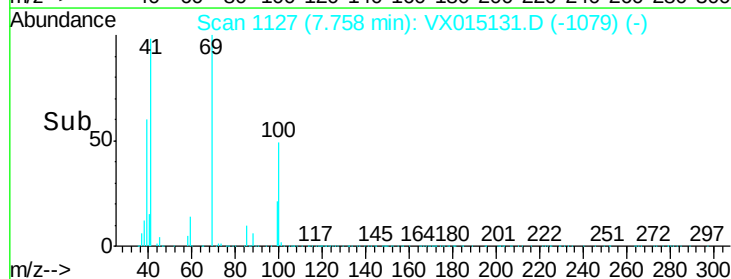
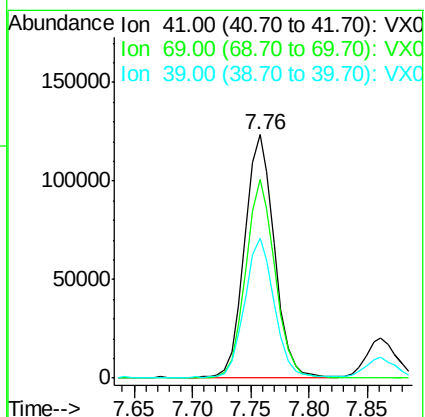
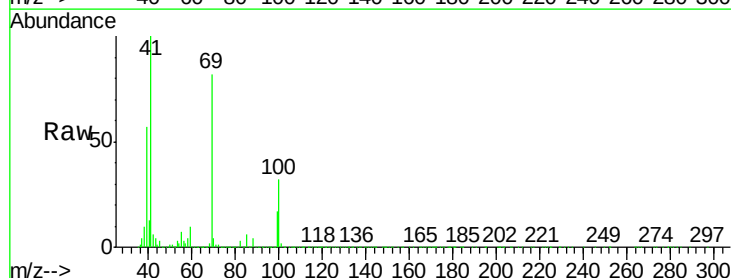
Tgt Ion: 41 Resp: 220009

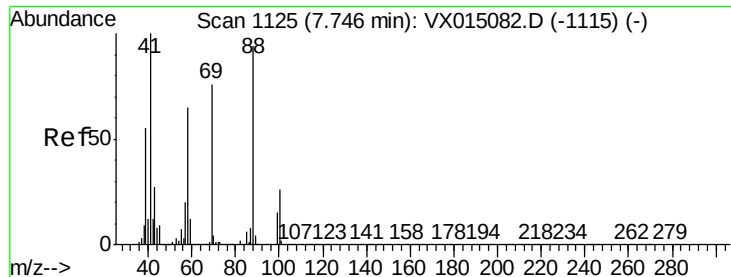
Ion Ratio Lower Upper

41 100

69 80.3 65.4 98.2

39 56.9 44.6 67.0

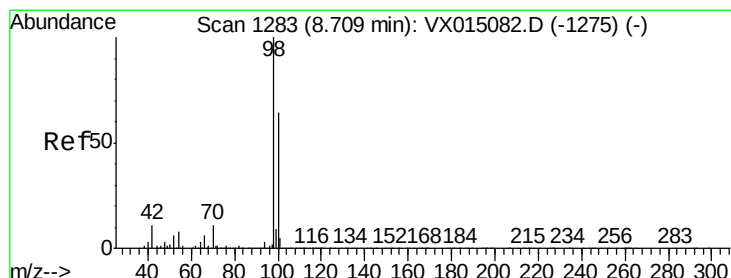
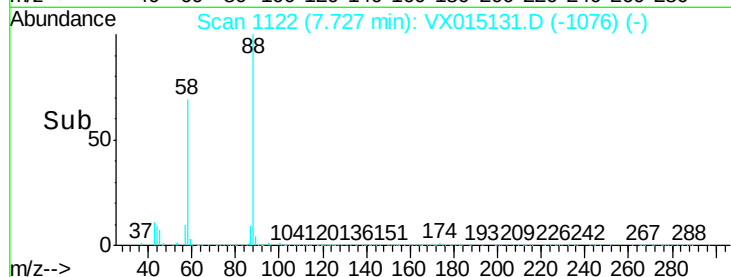
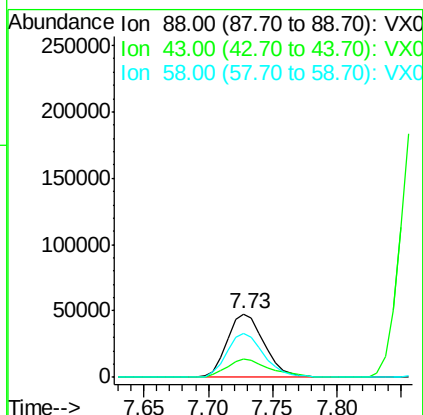
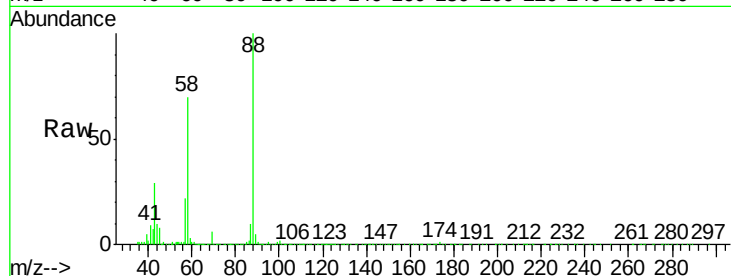




#49
1,4-Dioxane
Concen: 1044.95 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

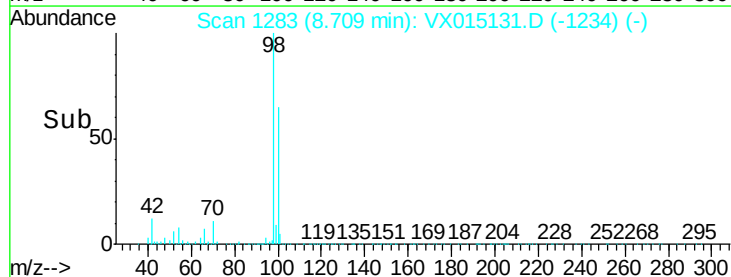
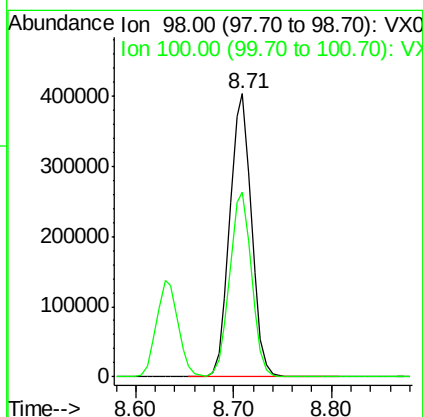
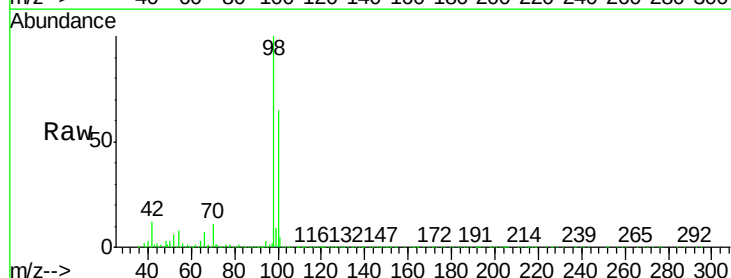
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

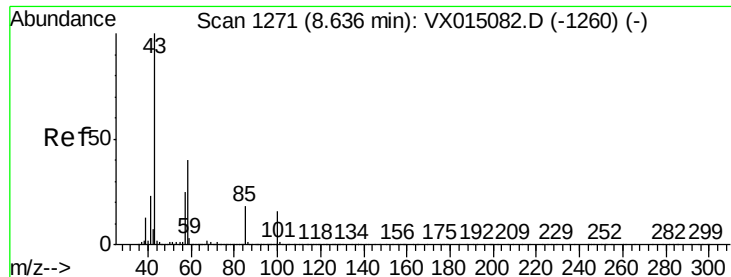
Tgt Ion: 88 Resp: 94145
Ion Ratio Lower Upper
88 100
43 33.9 27.0 40.4
58 72.3 55.6 83.4



#50
Toluene-d8
Concen: 47.50 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion: 98 Resp: 618621
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

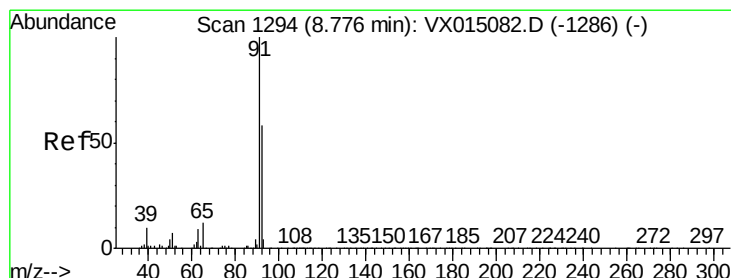
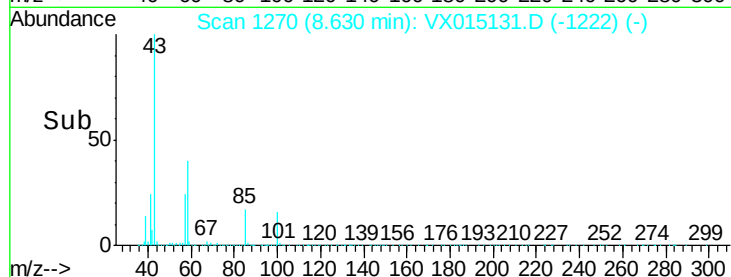
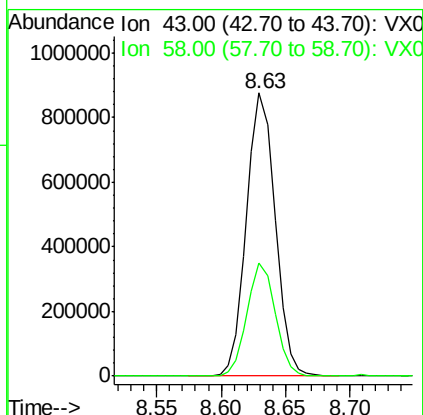
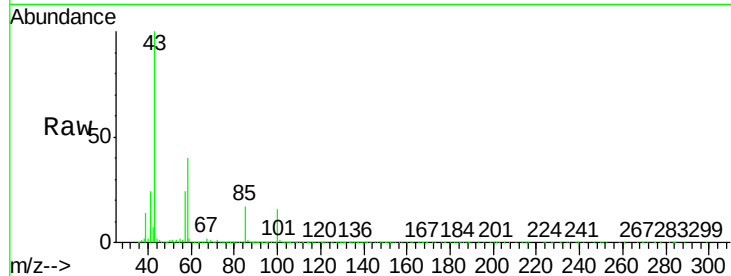




#51
 4-Methyl-2-Pentanone
 Concen: 278.34 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

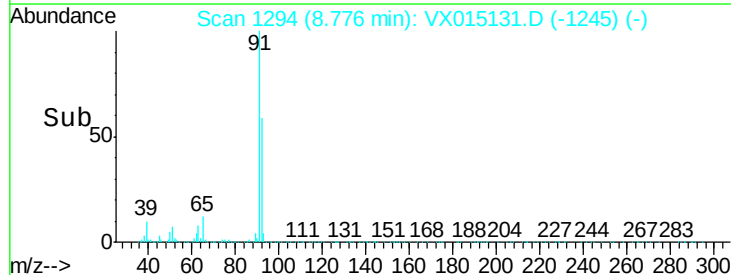
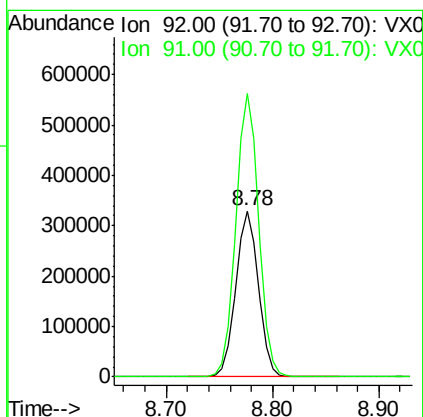
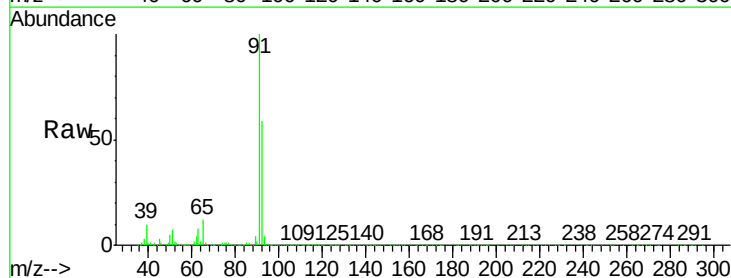
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

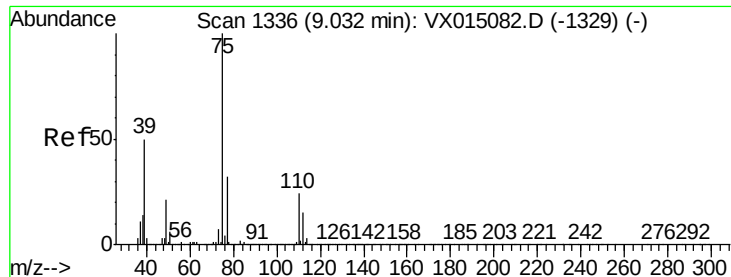
Tgt Ion: 43 Resp: 1347372
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.6 47.4



#52
 Toluene
 Concen: 53.96 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion: 92 Resp: 491081
 Ion Ratio Lower Upper
 92 100
 91 172.3 136.9 205.3

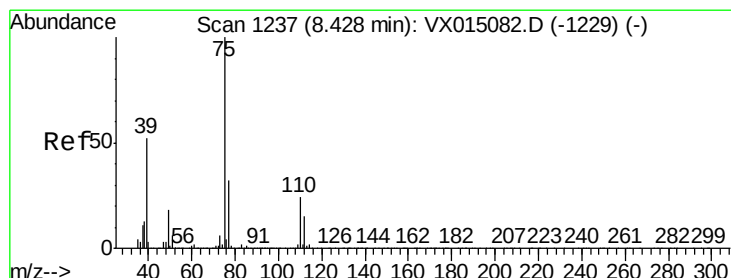
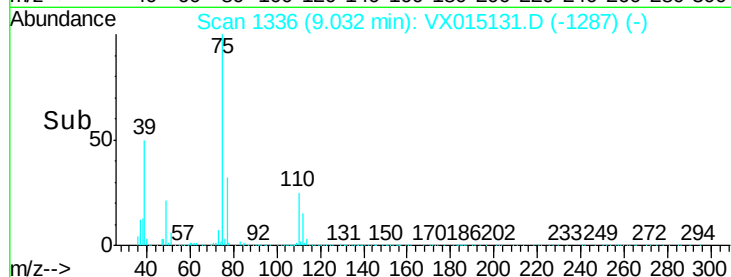
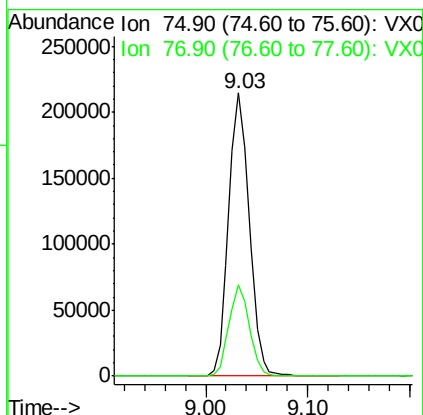
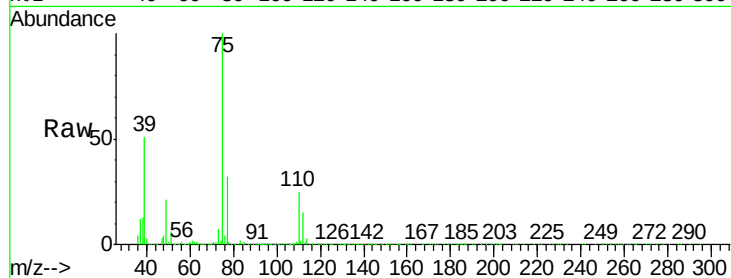




#53
 t-1,3-Dichloropropene
 Concen: 57.01 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

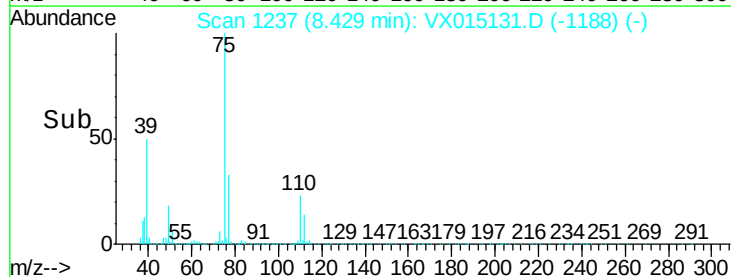
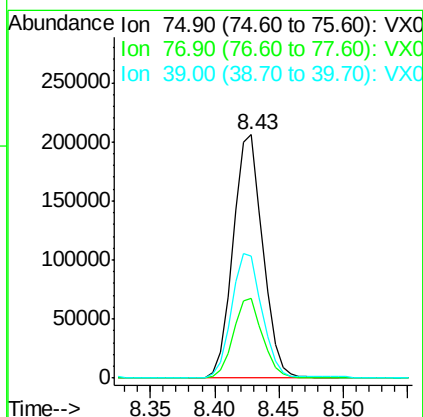
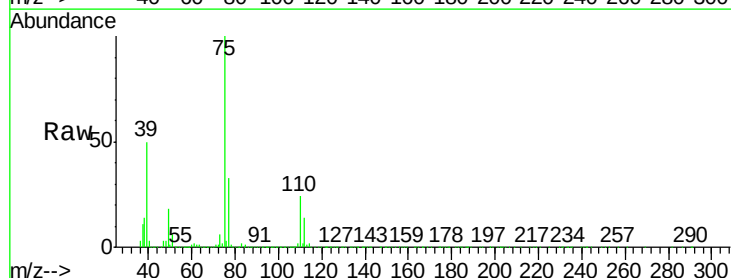
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

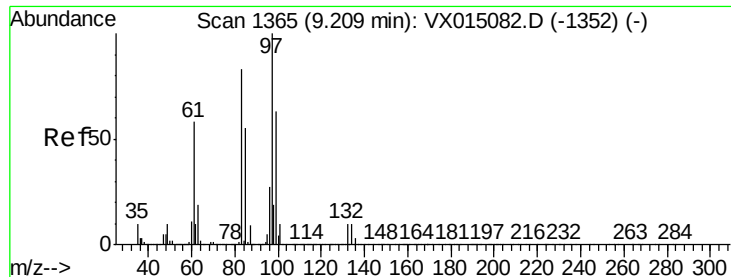
Tgt Ion: 75 Resp: 301258
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.46 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion: 75 Resp: 331285
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.6
 39 49.9 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 52.13 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 195267

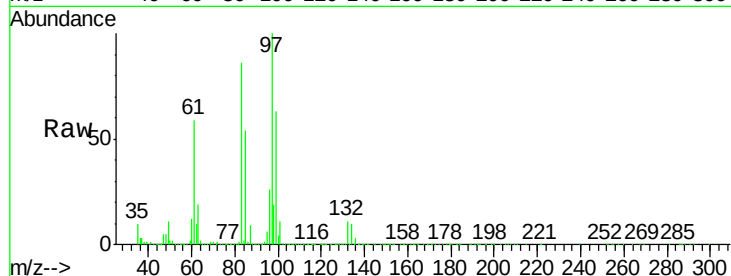
Ion Ratio Lower Upper

97 100

83 86.4 66.4 99.6

85 54.4 43.5 65.3

99 63.2 50.7 76.1

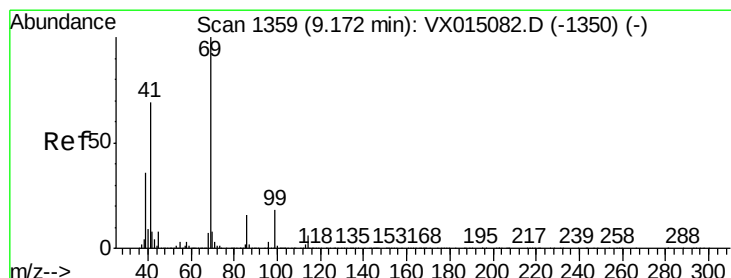
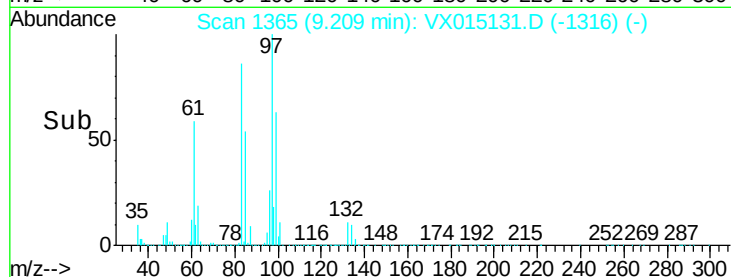
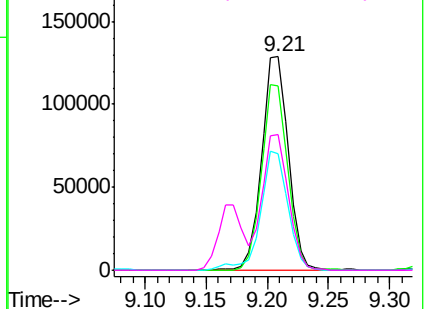


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 57.48 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

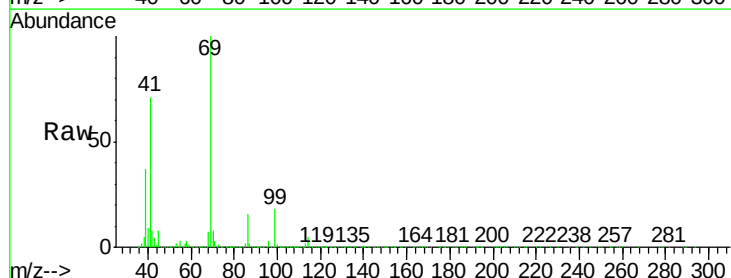
Tgt Ion: 69 Resp: 307127

Ion Ratio Lower Upper

69 100

41 69.2 55.8 83.8

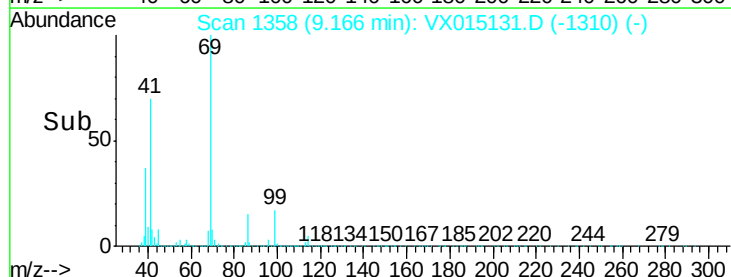
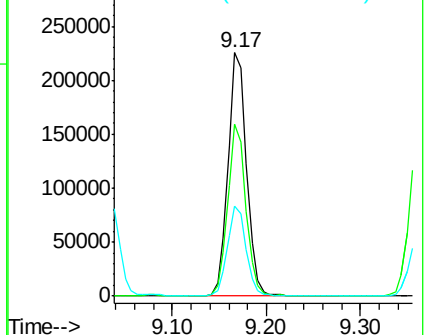
39 37.5 29.4 44.2

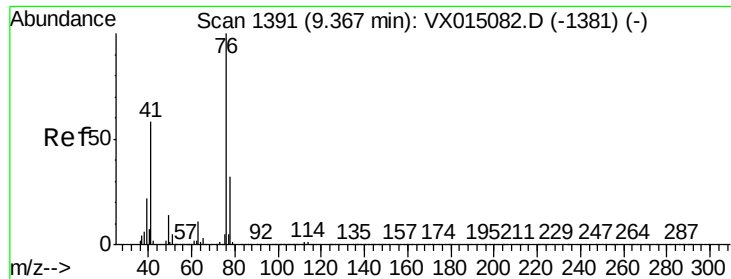


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

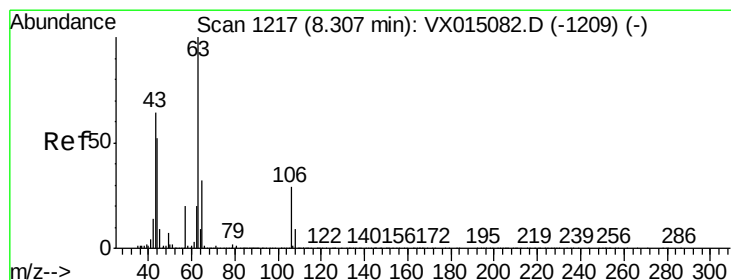
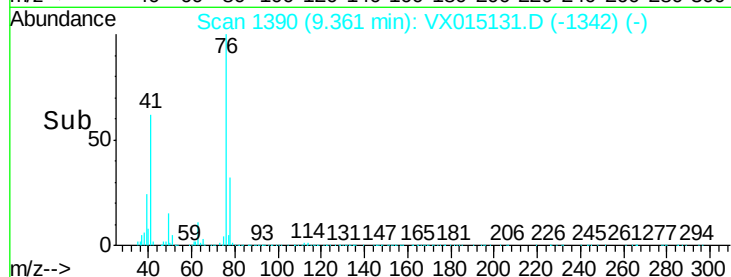
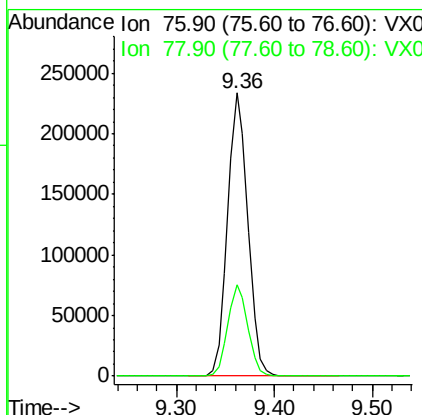
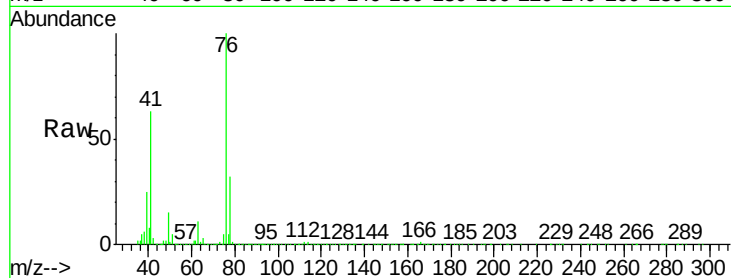




#57
 1,3-Dichloropropane
 Concen: 53.30 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

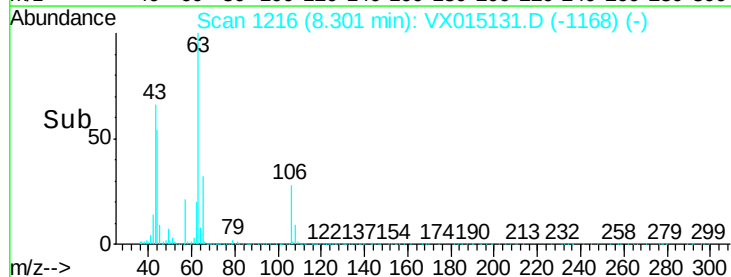
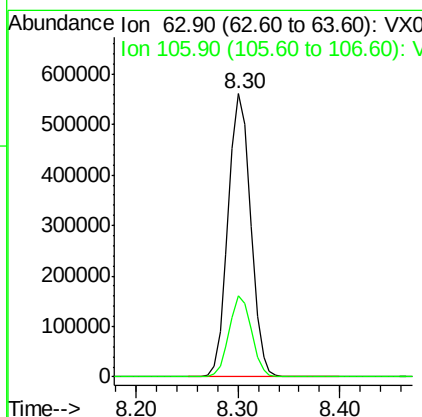
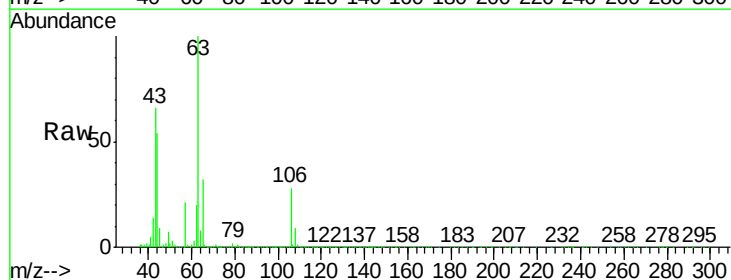
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

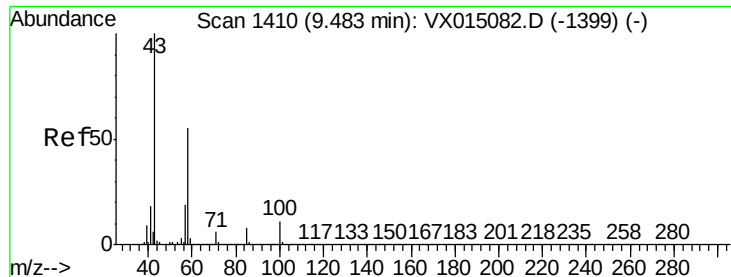
Tgt Ion: 76 Resp: 335922
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.84 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion: 63 Resp: 858255
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.8 34.2





#59

2-Hexanone

Concen: 289.37 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

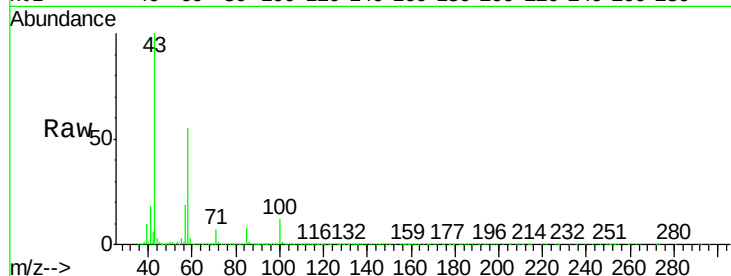
VSTDCCC050

Tgt Ion: 43 Resp: 1038214

Ion Ratio Lower Upper

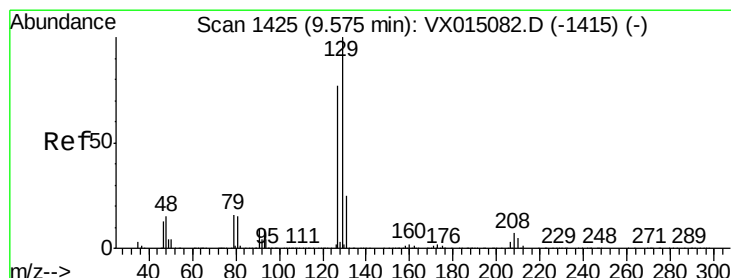
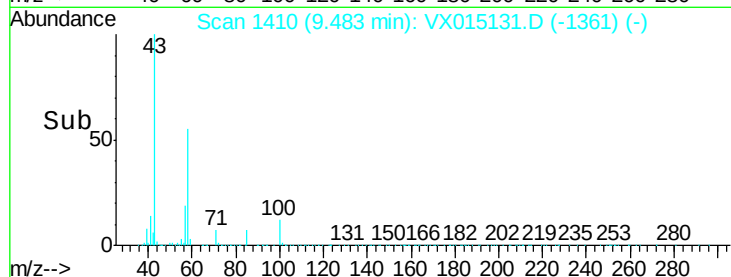
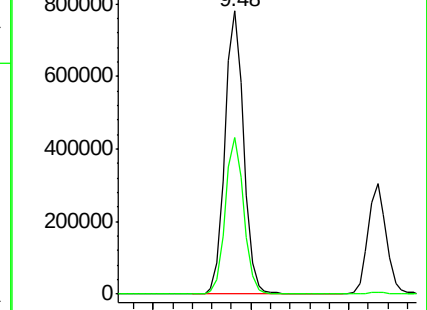
43 100

58 54.7 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 54.82 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015131.D

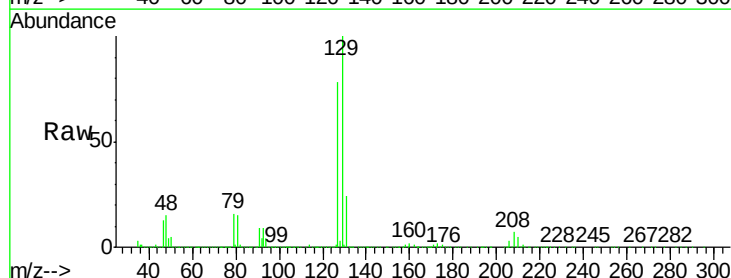
Acq: 09 Mar 2020 10:20

Tgt Ion: 129 Resp: 215709

Ion Ratio Lower Upper

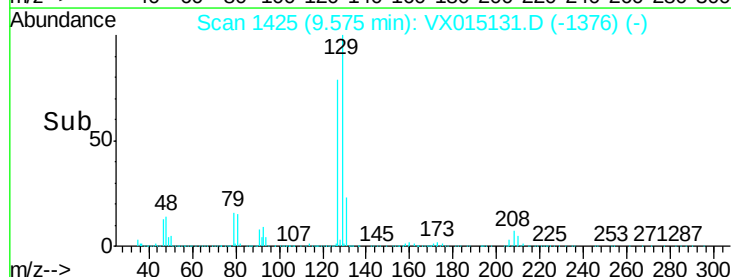
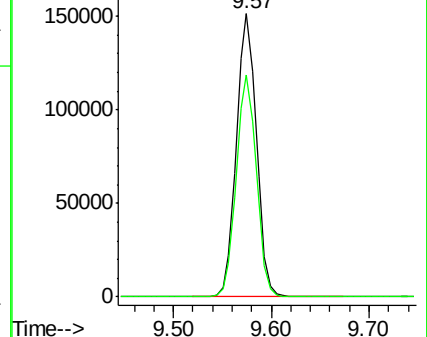
129 100

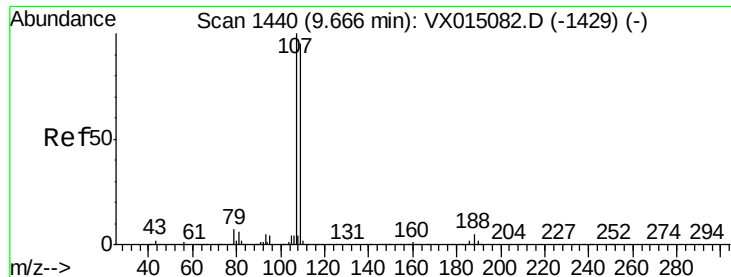
127 78.7 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 51.86 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

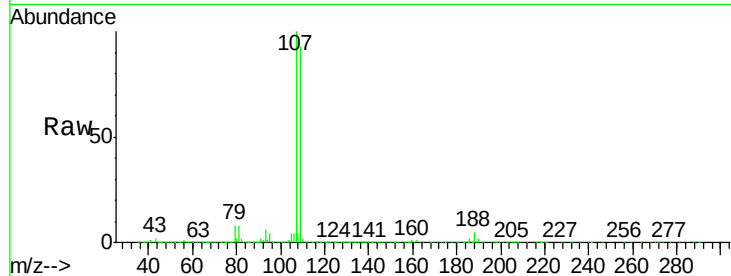
VSTDCCC050

Tgt Ion: 107 Resp: 204045

Ion Ratio Lower Upper

107 100

109 94.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

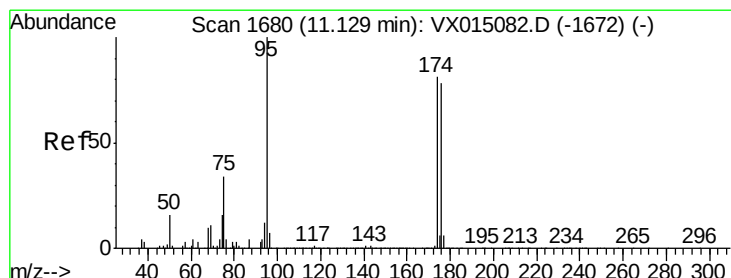
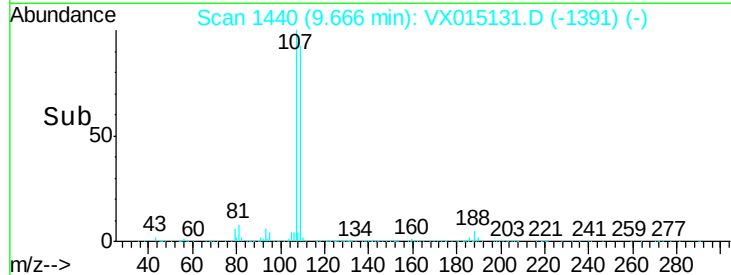
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.13 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

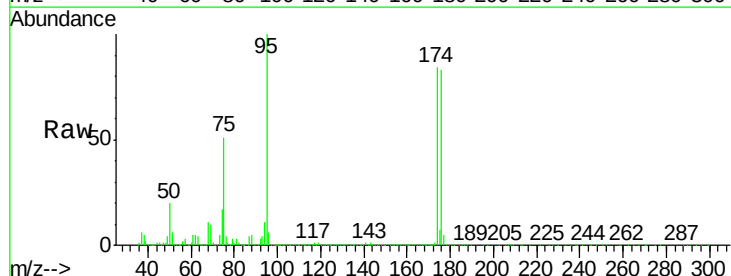
Tgt Ion: 95 Resp: 223597

Ion Ratio Lower Upper

95 100

174 88.3 0.0 177.6

176 85.9 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

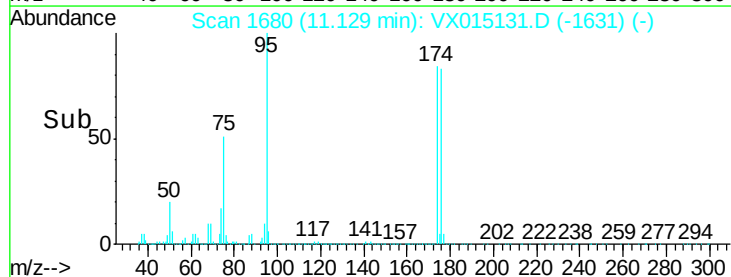
150000

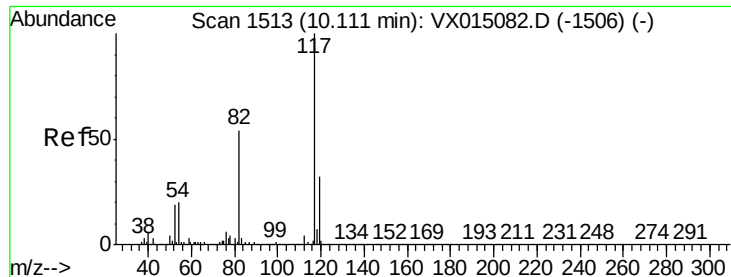
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

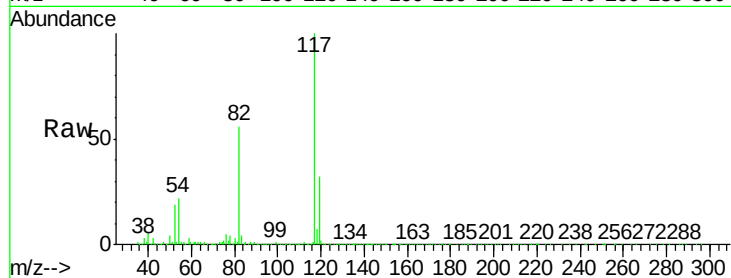
Tgt Ion:117 Resp: 501501

Ion Ratio Lower Upper

117 100

82 55.7 43.3 64.9

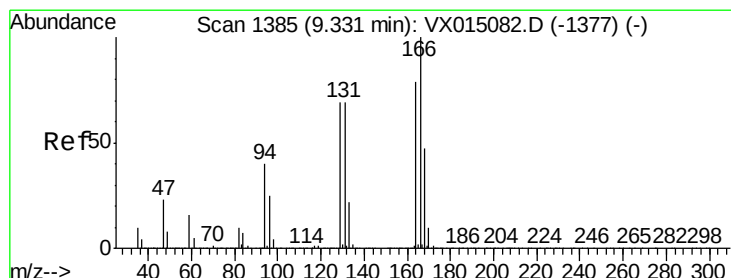
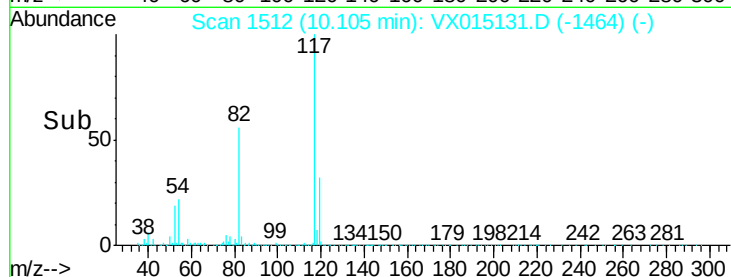
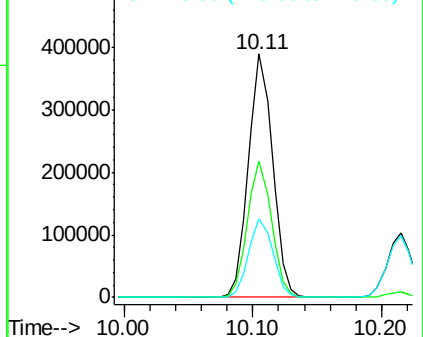
119 32.2 25.8 38.8



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: 50.86 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Tgt Ion:164 Resp: 210881

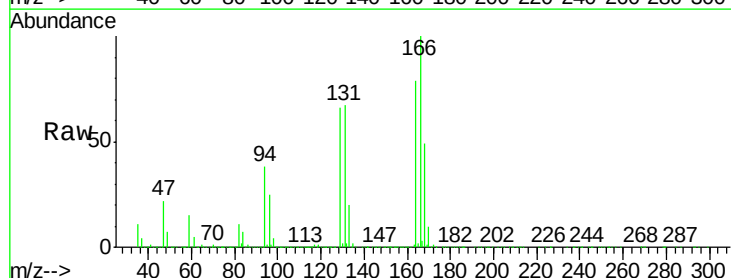
Ion Ratio Lower Upper

164 100

166 126.9 101.1 151.7

129 84.3 69.4 104.0

131 84.4 69.8 104.8

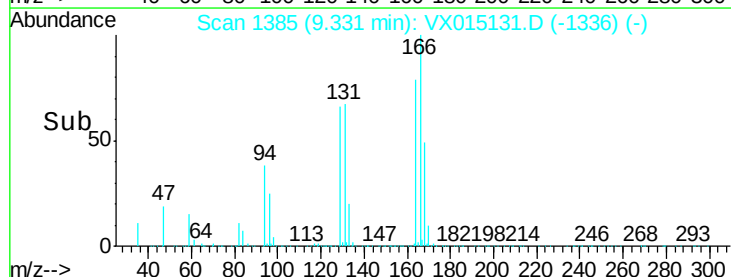
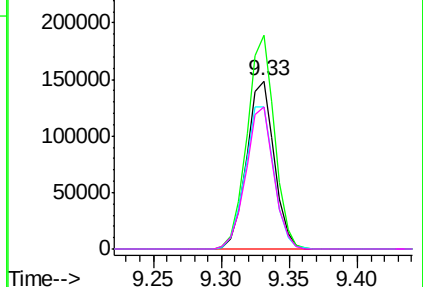


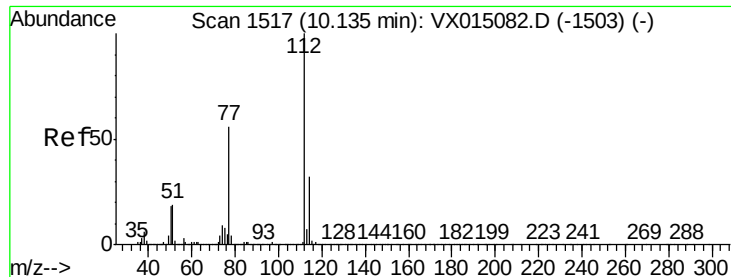
Abundance Ion 163.80 (163.50 to 164.50): V

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

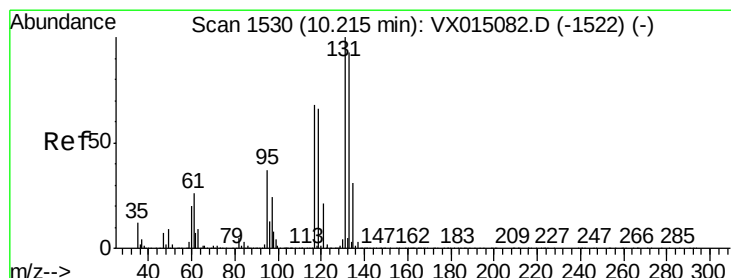
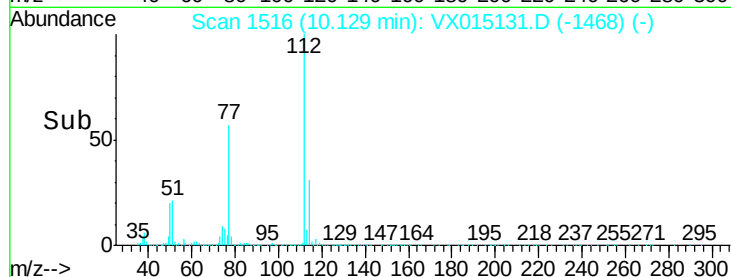
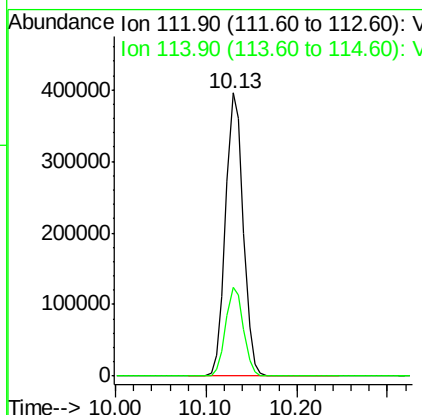
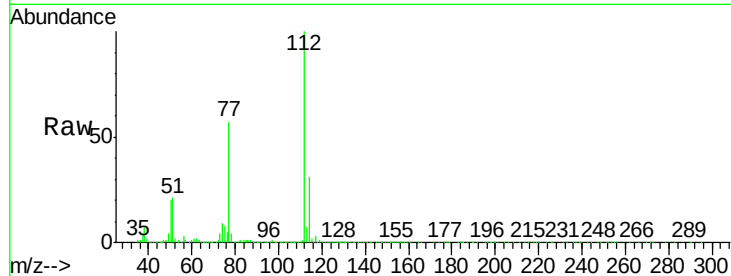




#65
Chlorobenzene
Concen: 53.33 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

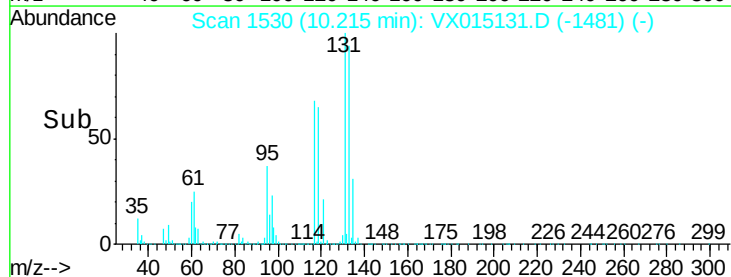
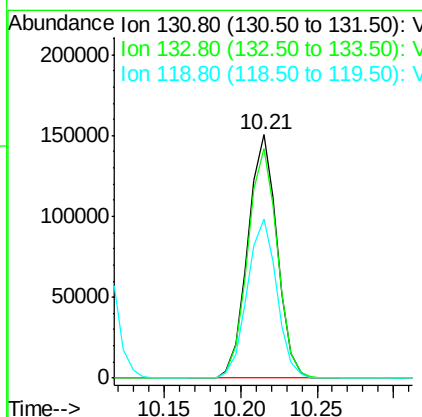
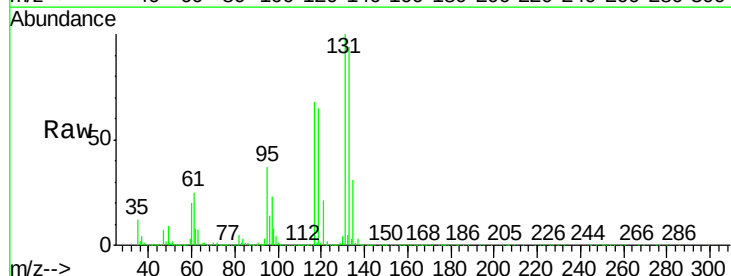
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

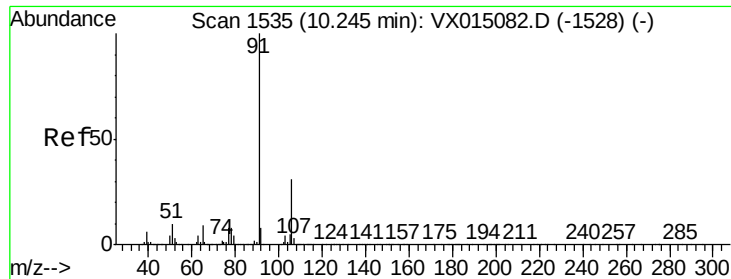
Tgt Ion:112 Resp: 536916
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.73 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion:131 Resp: 200187
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 65.9 33.4 100.1





#67

Ethyl Benzene

Concen: 55.83 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

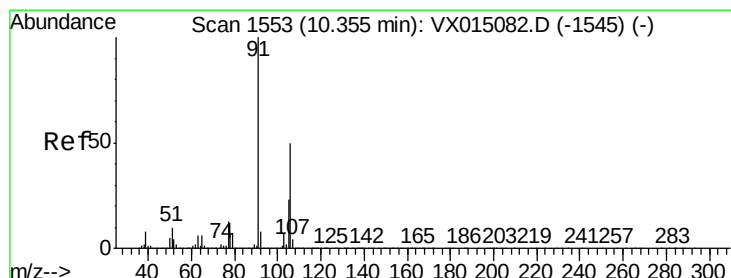
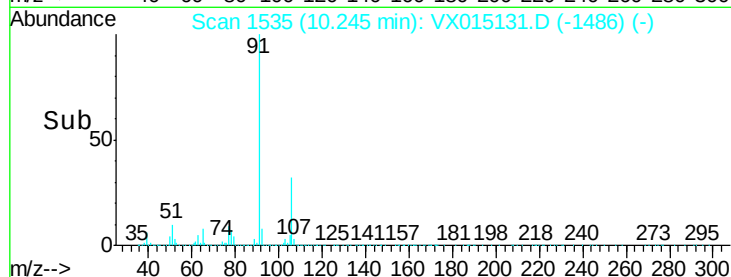
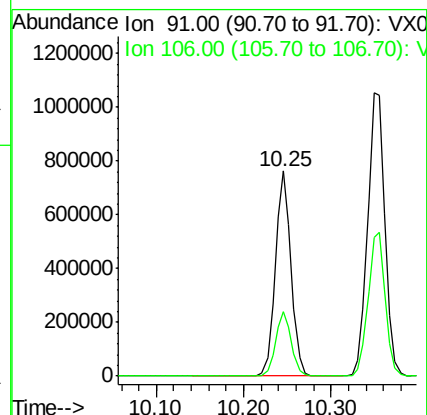
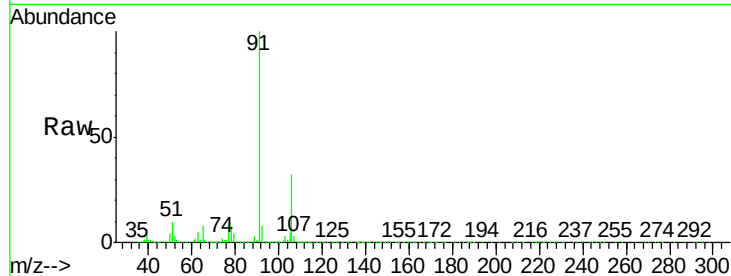
VSTDCCC050

Tgt Ion: 91 Resp: 954573

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 111.80 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015131.D

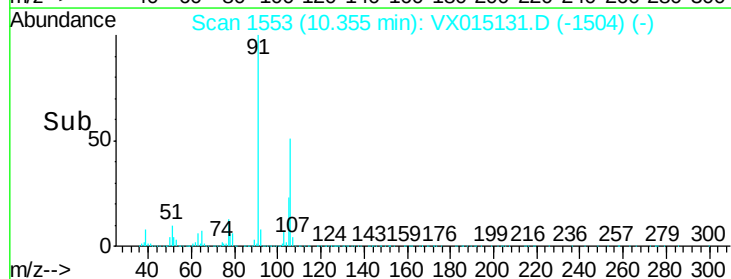
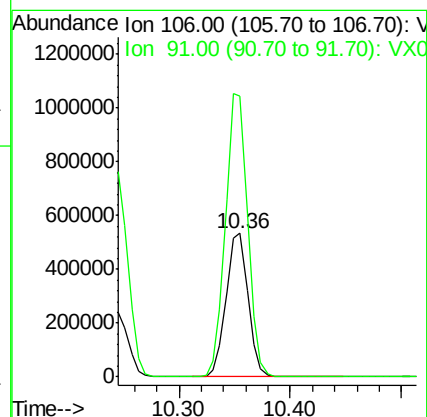
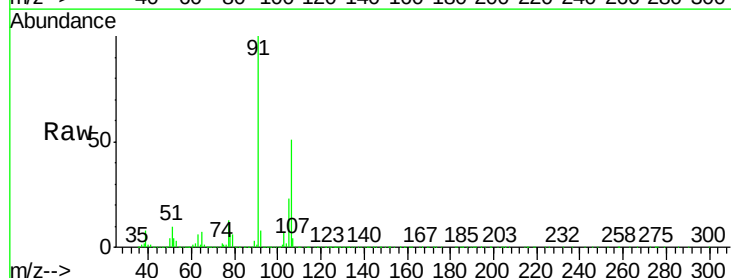
Acq: 09 Mar 2020 10:20

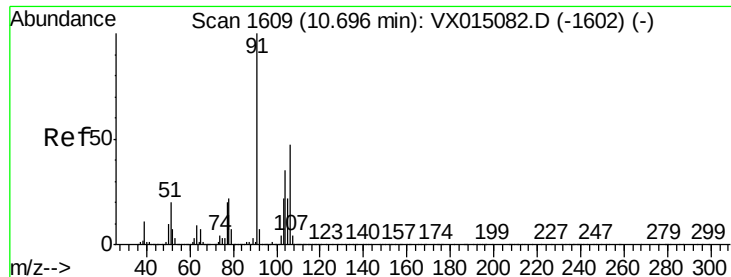
Tgt Ion: 106 Resp: 727232

Ion Ratio Lower Upper

106 100

91 200.4 159.4 239.2

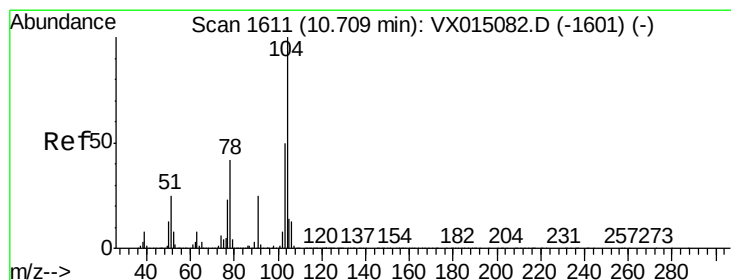
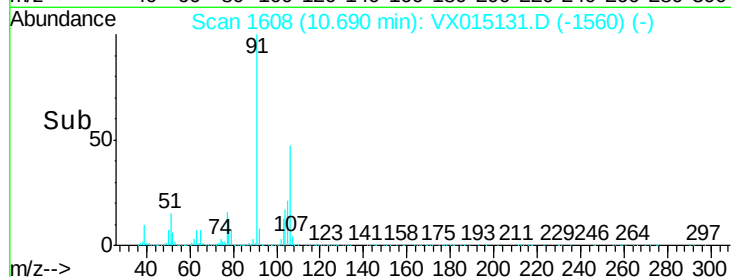
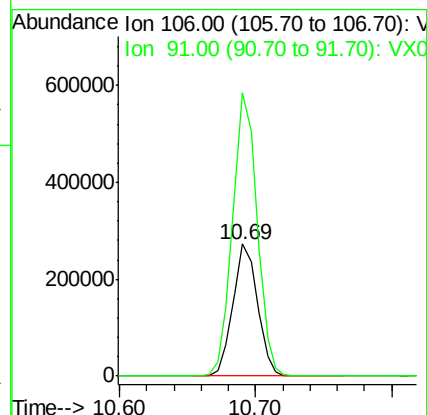
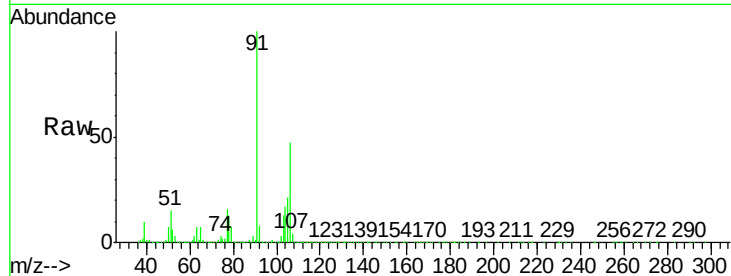




#69
o-Xylene
Concen: 55.07 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

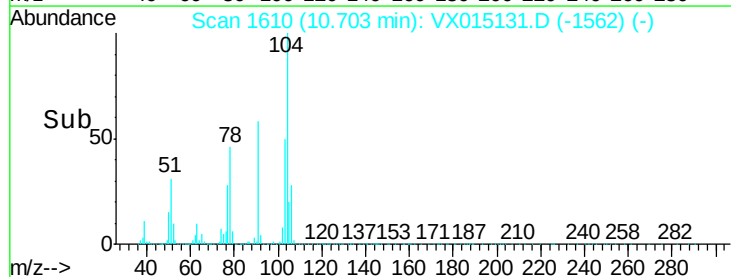
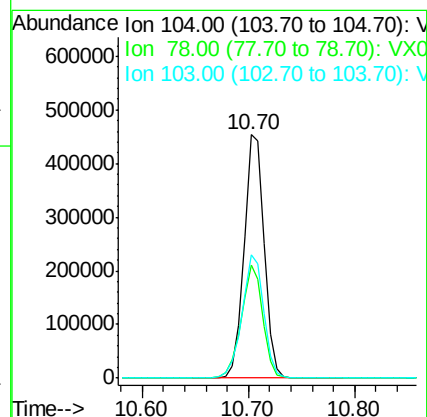
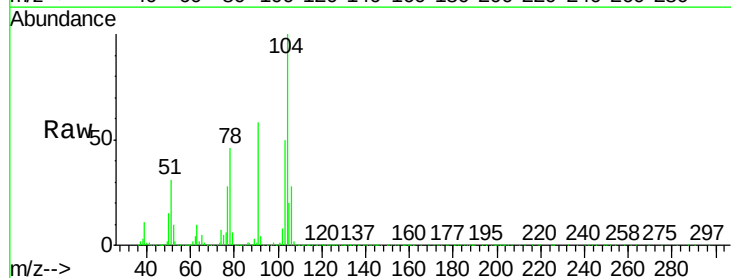
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

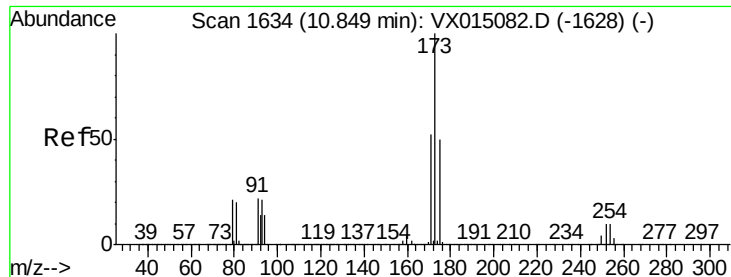
Tgt Ion:106 Resp: 342986
Ion Ratio Lower Upper
106 100
91 214.5 105.4 316.1



#70
Styrene
Concen: 56.50 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion:104 Resp: 603357
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.3 43.7 65.5





#71

Bromoform

Concen: 55.29 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

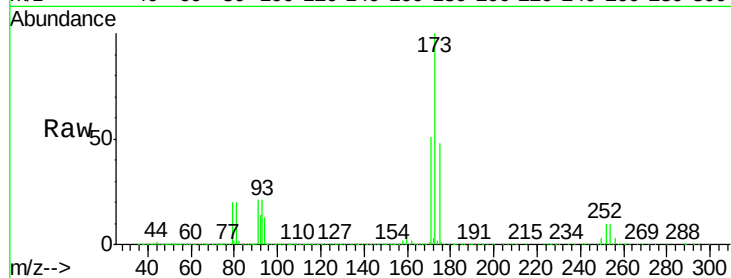
Tgt Ion:173 Resp: 162775

Ion Ratio Lower Upper

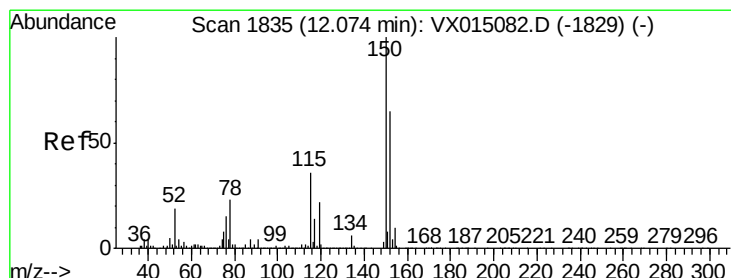
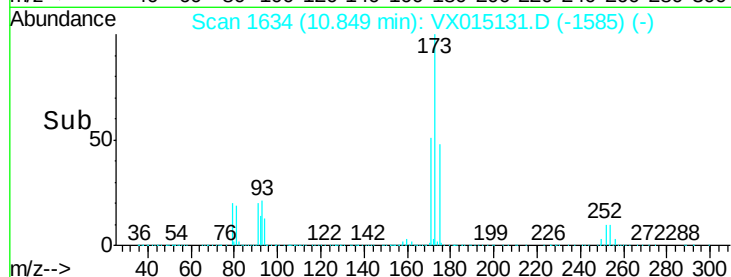
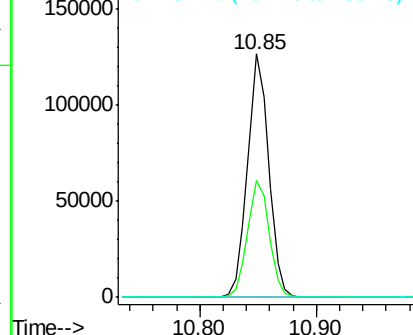
173 100

175 49.1 24.9 74.7

254 0.3 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: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

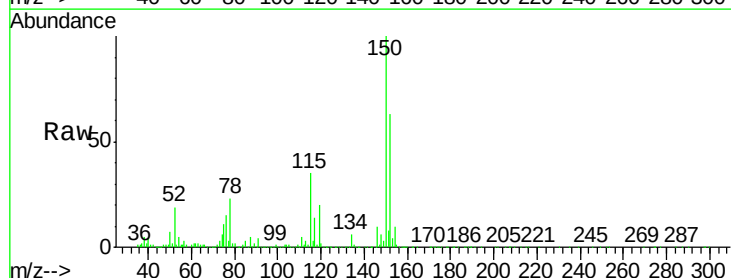
Tgt Ion:152 Resp: 267206

Ion Ratio Lower Upper

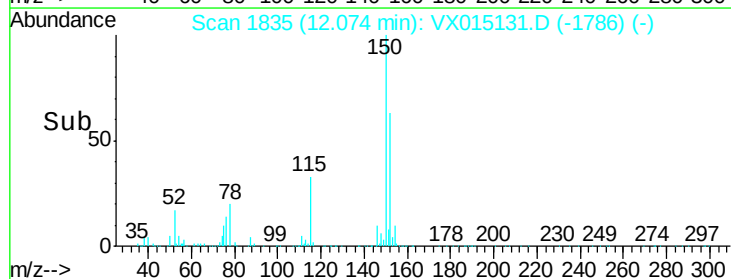
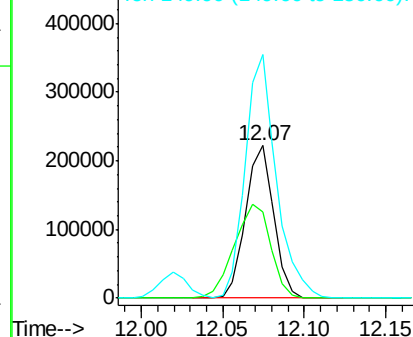
152 100

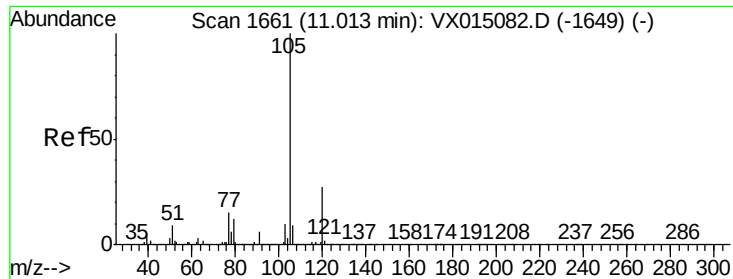
115 79.4 38.2 114.6

150 175.5 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: 54.97 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

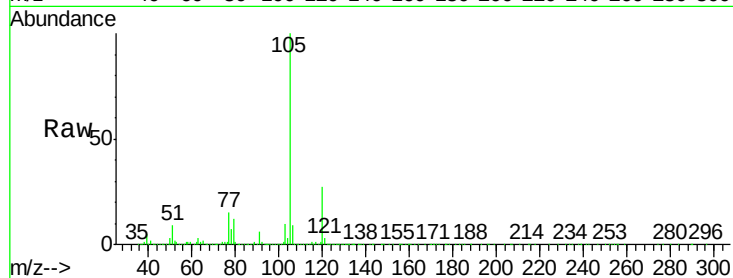
VSTDCCC050

Tgt Ion: 105 Resp: 938227

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

11.01

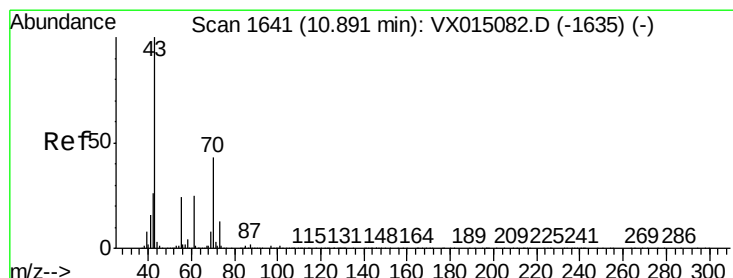
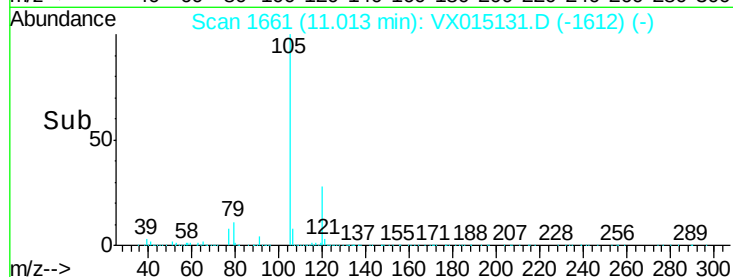
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.77 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Tgt Ion: 43 Resp: 393980

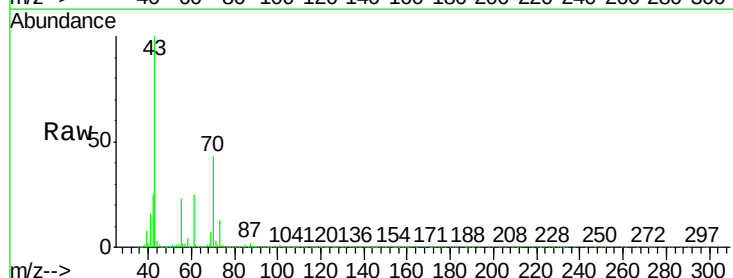
Ion Ratio Lower Upper

43 100

70 43.3 34.7 52.1

55 24.0 19.4 29.0

61 24.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

10.89

400000

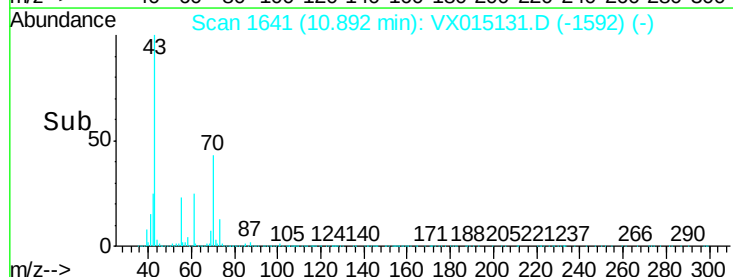
300000

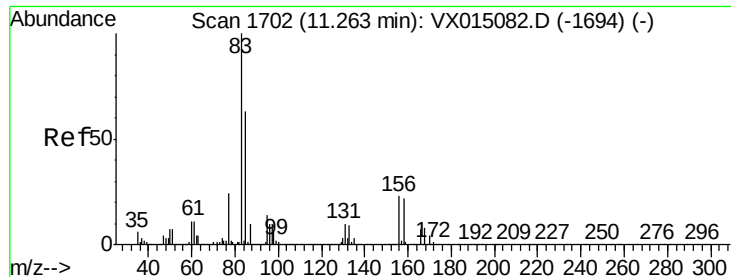
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.84 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

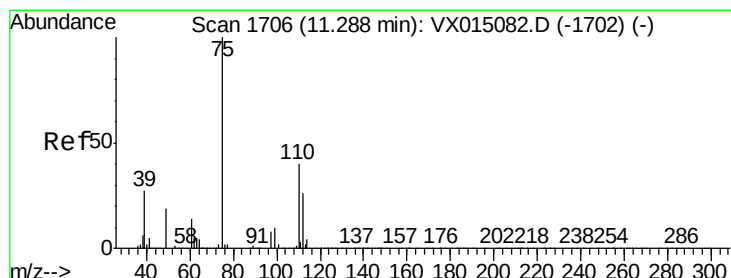
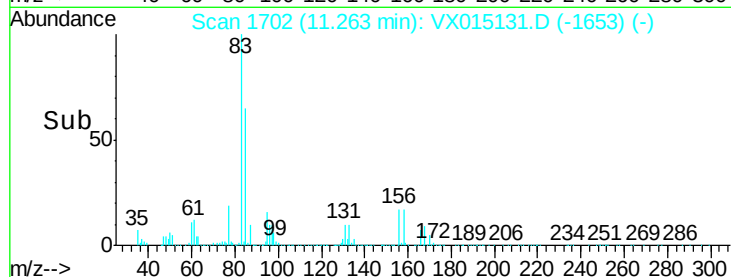
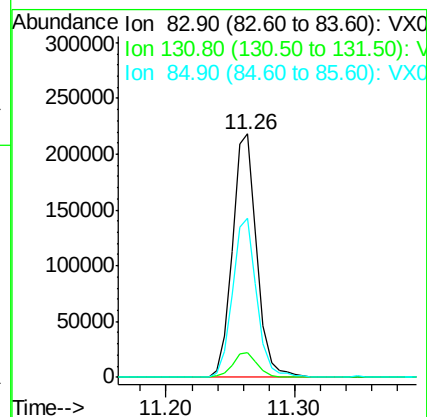
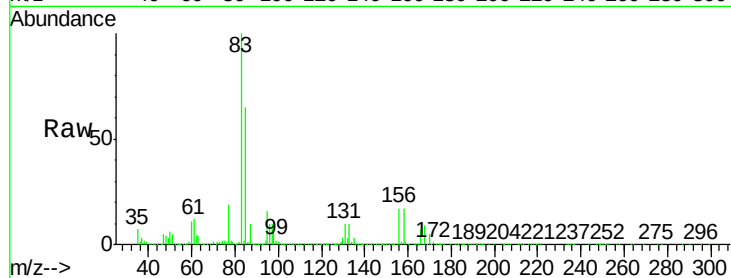
Tgt Ion: 83 Resp: 289185

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 62.67 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015131.D

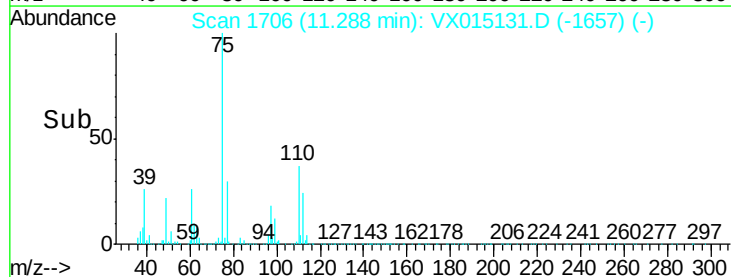
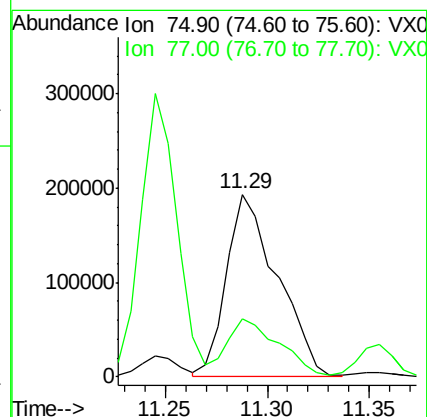
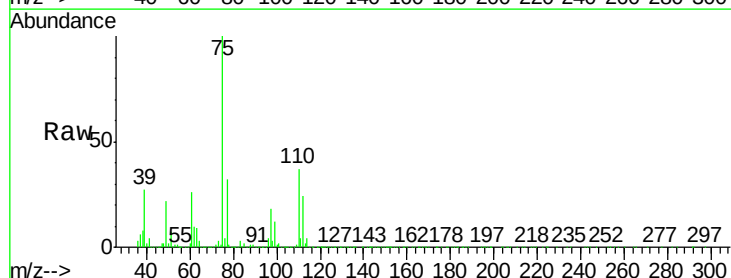
Acq: 09 Mar 2020 10:20

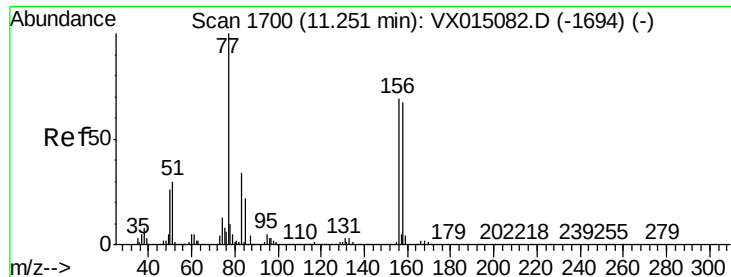
Tgt Ion: 75 Resp: 334023

Ion Ratio Lower Upper

75 100

77 32.4 22.6 67.8





#77

Bromobenzene

Concen: 50.80 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

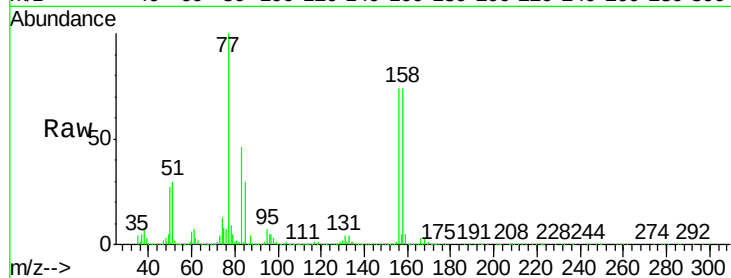
Tgt Ion:156 Resp: 241673

Ion Ratio Lower Upper

156 100

77 152.1 75.3 225.9

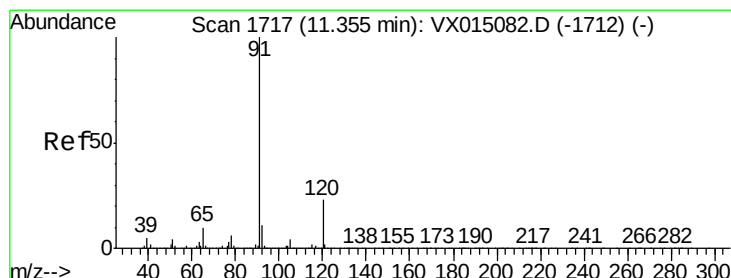
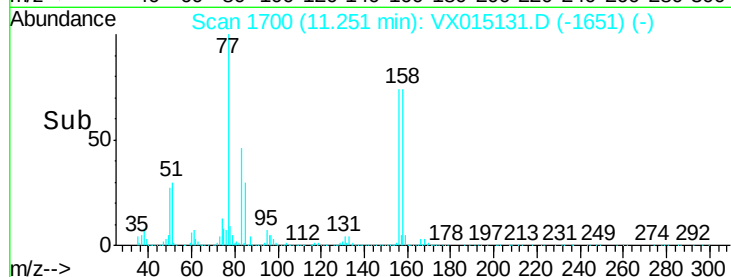
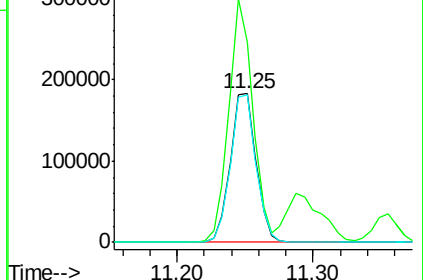
158 97.7 48.5 145.6



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: 55.86 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015131.D

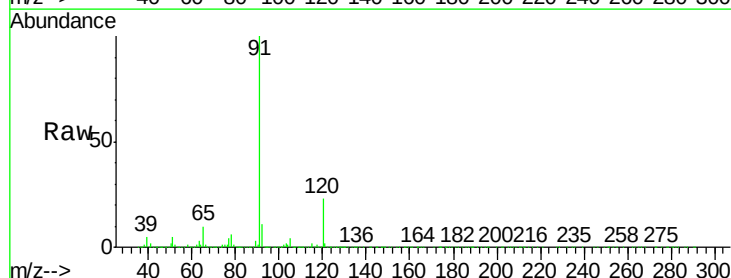
Acq: 09 Mar 2020 10:20

Tgt Ion: 91 Resp: 1089303

Ion Ratio Lower Upper

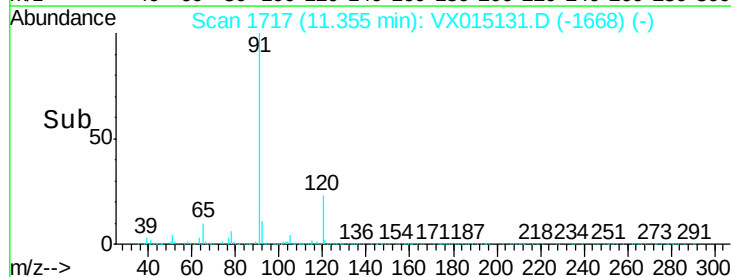
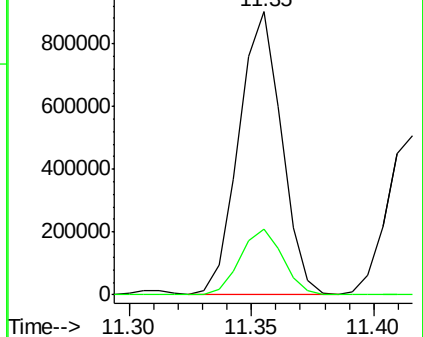
91 100

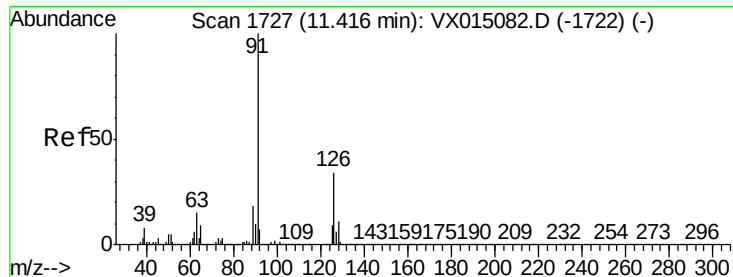
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.27 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

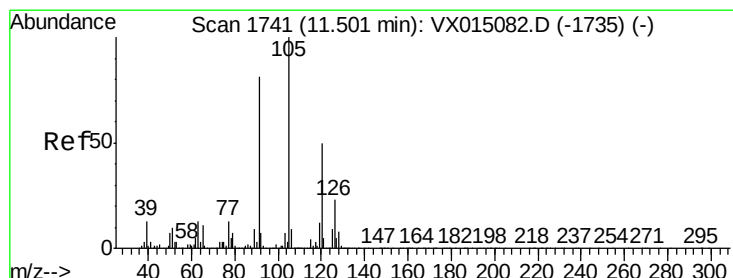
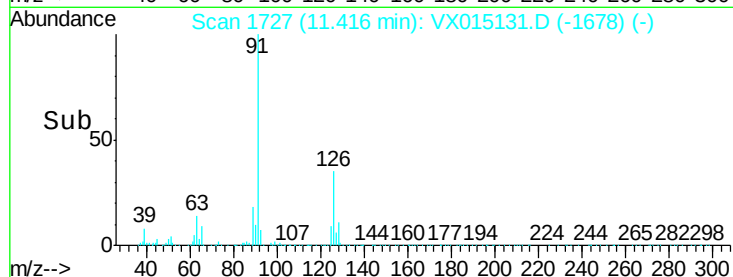
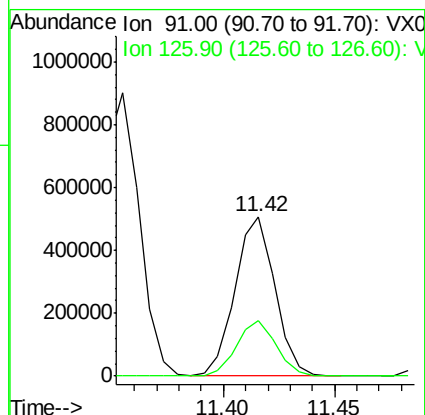
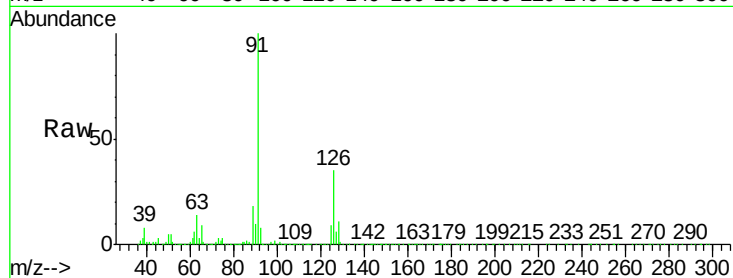
VSTDCCC050

Tgt Ion: 91 Resp: 632057

Ion Ratio Lower Upper

91 100

126 34.6 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 55.65 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015131.D

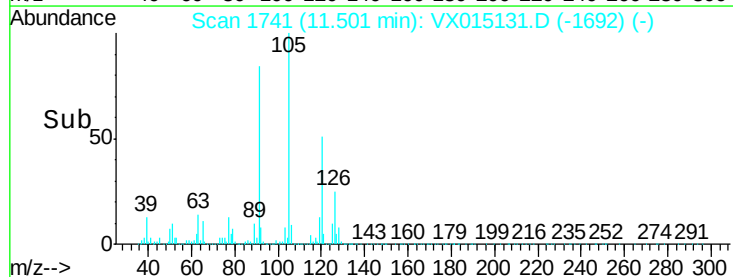
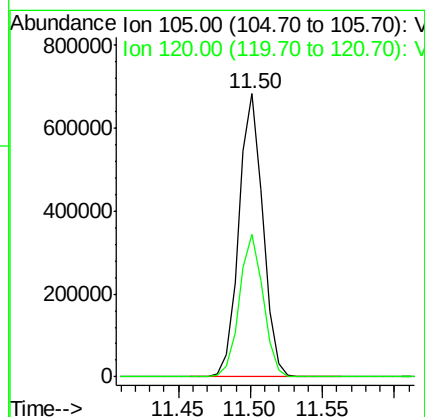
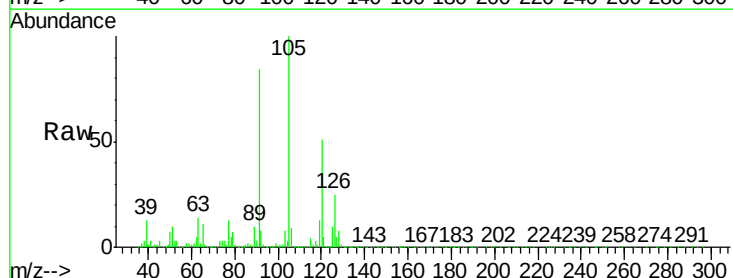
Acq: 09 Mar 2020 10:20

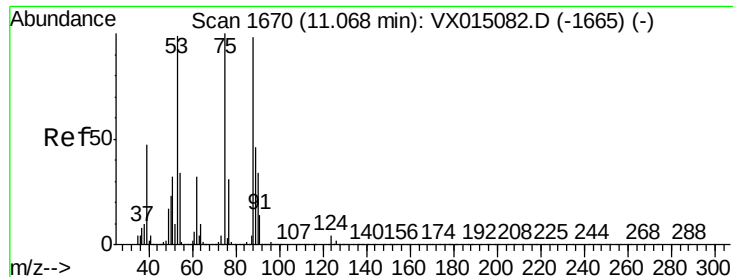
Tgt Ion: 105 Resp: 790809

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.25 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

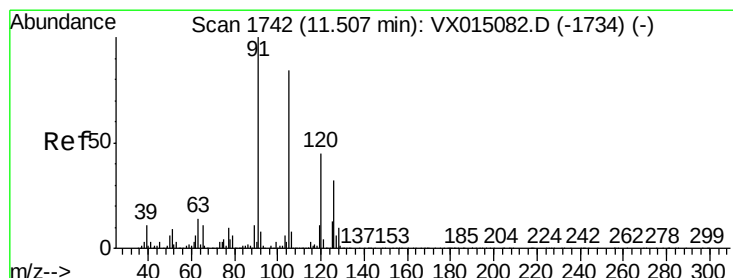
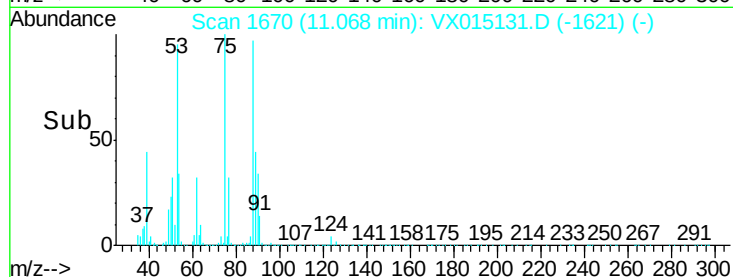
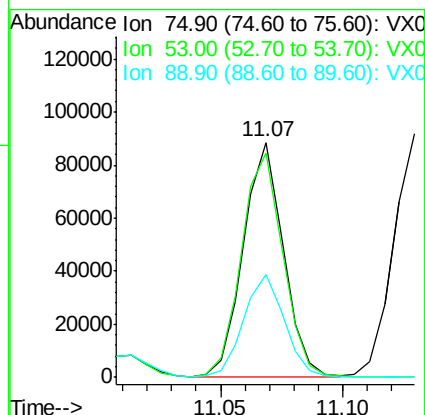
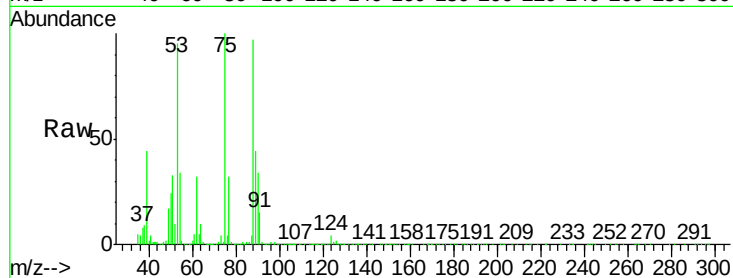
Tgt Ion: 75 Resp: 100005

Ion Ratio Lower Upper

75 100

53 99.5 77.9 116.9

89 45.8 36.2 54.2



#82

4-Chlorotoluene

Concen: 54.12 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015131.D

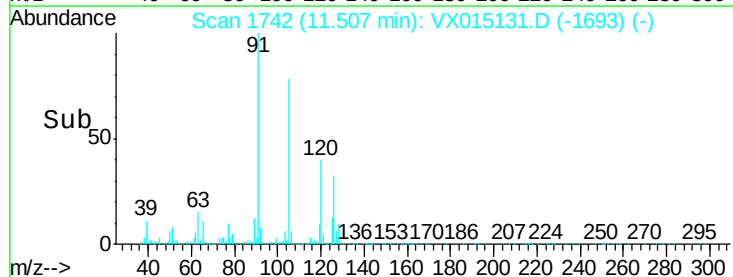
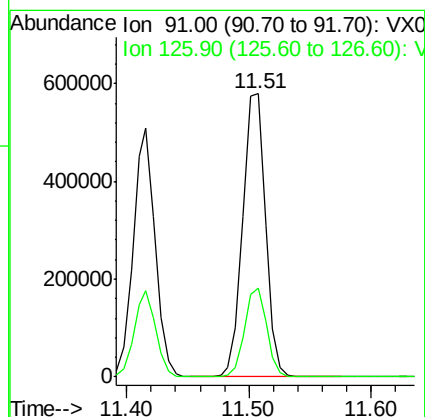
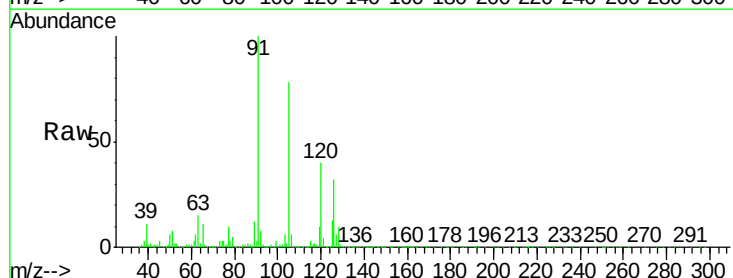
Acq: 09 Mar 2020 10:20

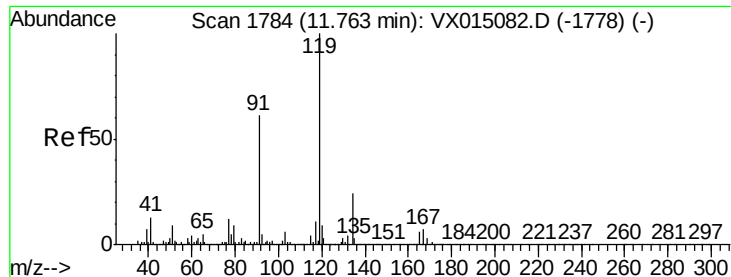
Tgt Ion: 91 Resp: 744622

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.2





#83

tert-Butylbenzene

Concen: 55.44 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

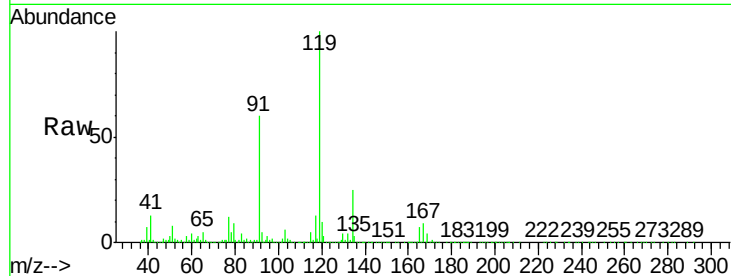
Tgt Ion:119 Resp: 761656

Ion Ratio Lower Upper

119 100

91 57.2 28.5 85.6

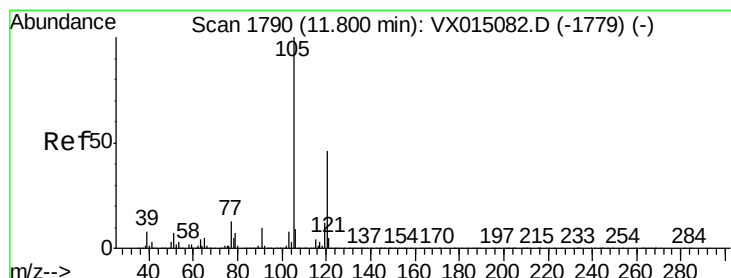
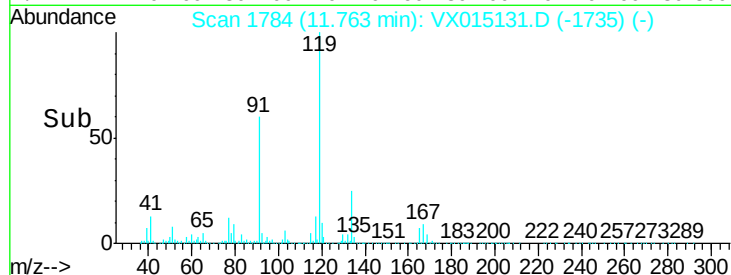
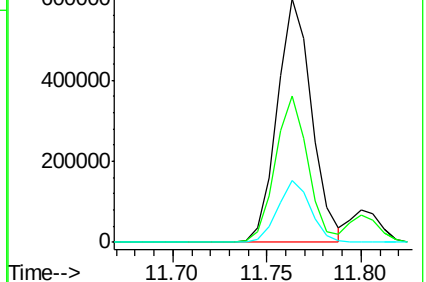
134 24.3 11.9 35.7



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: 55.81 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015131.D

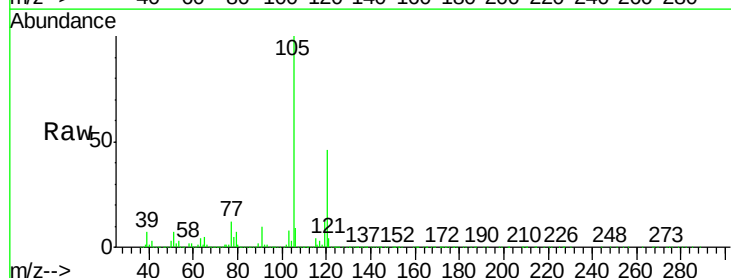
Acq: 09 Mar 2020 10:20

Tgt Ion:105 Resp: 796645

Ion Ratio Lower Upper

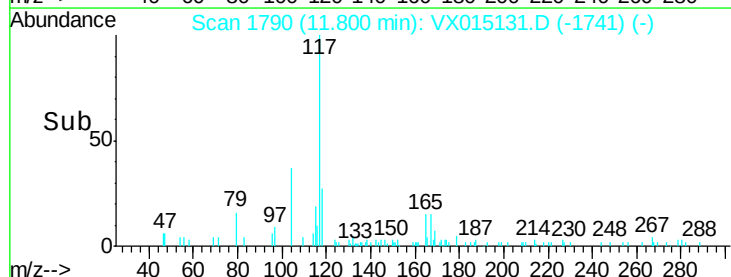
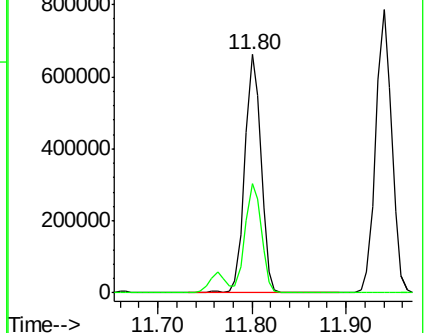
105 100

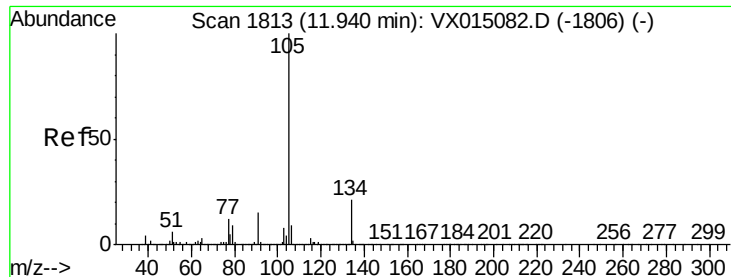
120 45.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

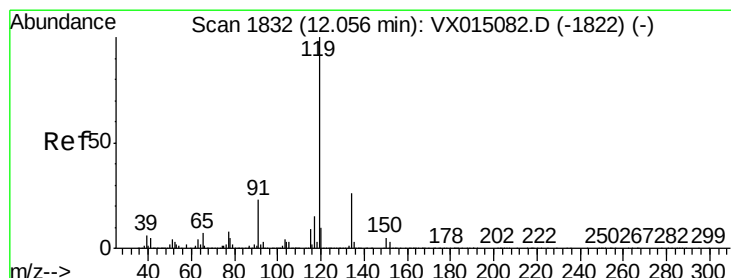
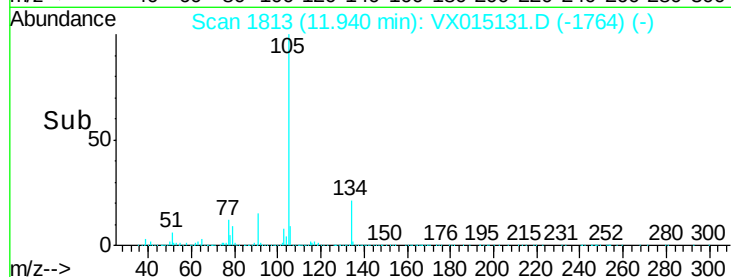
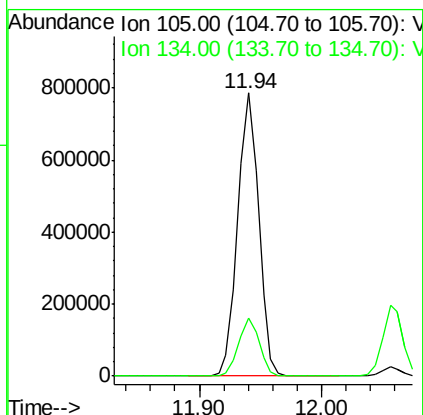
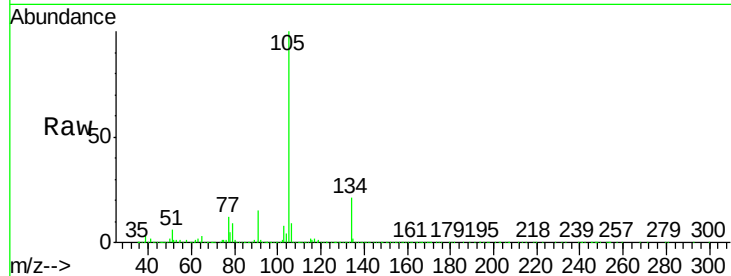




#85
 sec-Butylbenzene
 Concen: 55.85 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

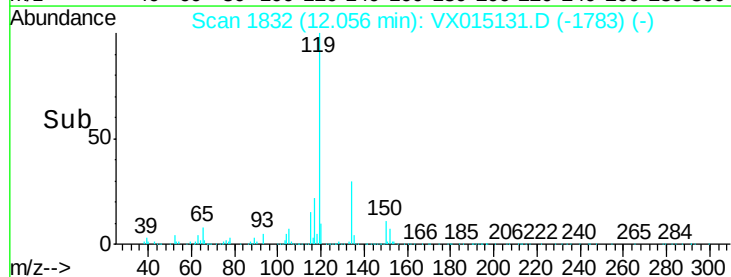
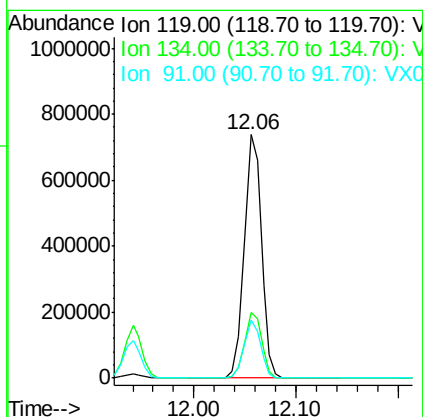
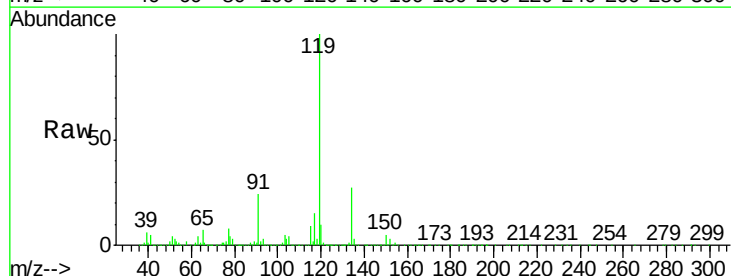
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

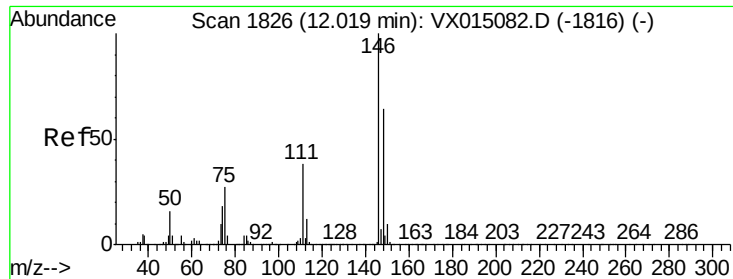
Tgt Ion:105 Resp: 926346
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 56.22 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion:119 Resp: 859072
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 51.93 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

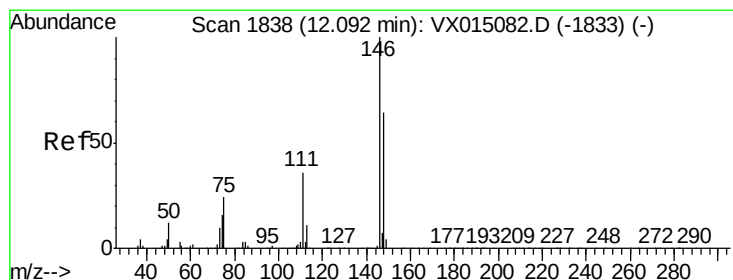
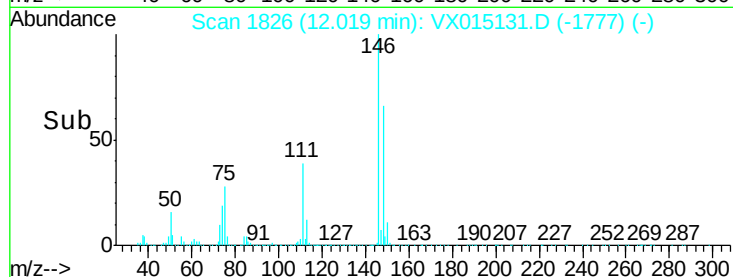
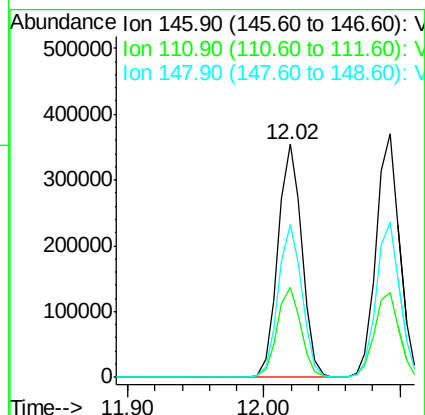
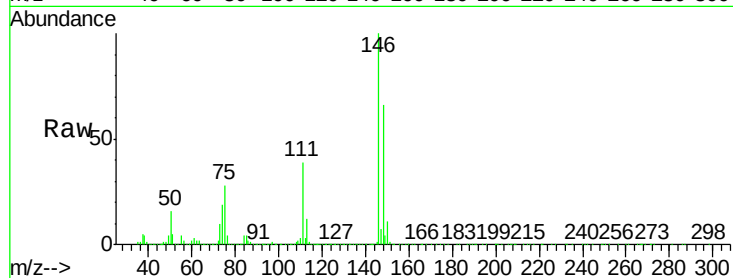
Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 434274

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	65.1	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 51.14 ug/l

RT: 12.09 min Scan# 1838

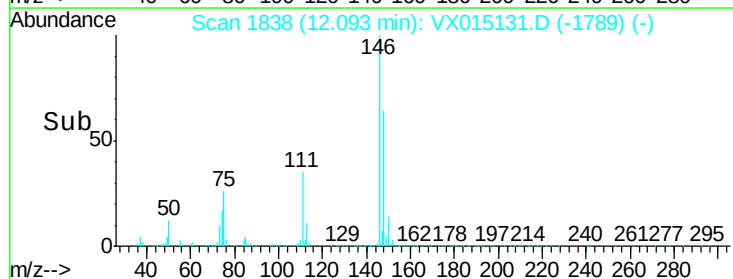
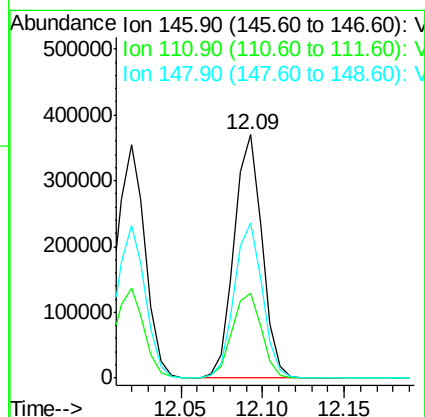
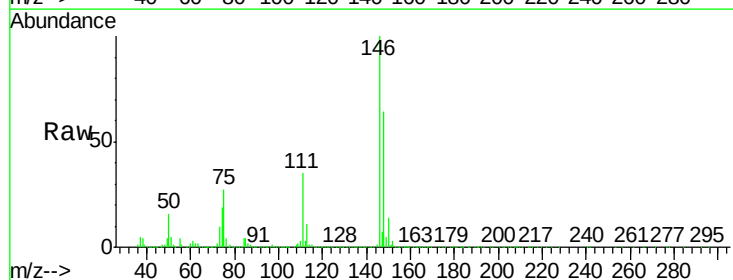
Delta R.T. 0.00 min

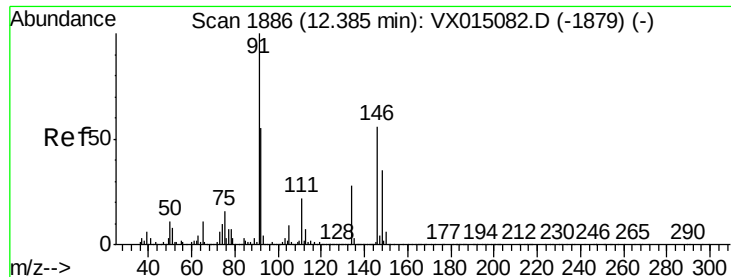
Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Tgt Ion:146 Resp: 441484

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.0	32.5	97.4





#89

n-Butylbenzene

Concen: 57.21 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015131.D

Acq: 09 Mar 2020 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

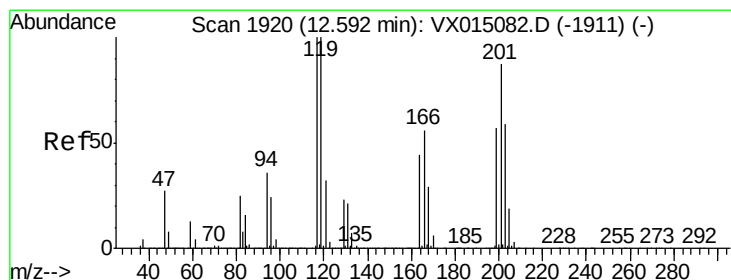
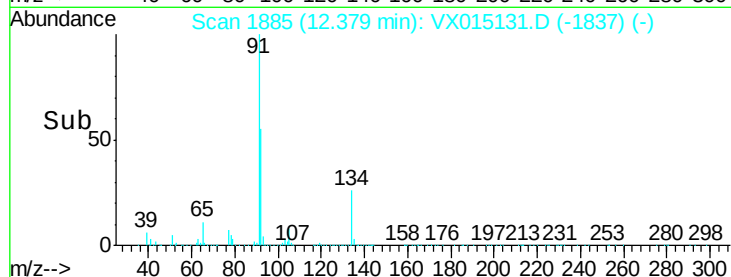
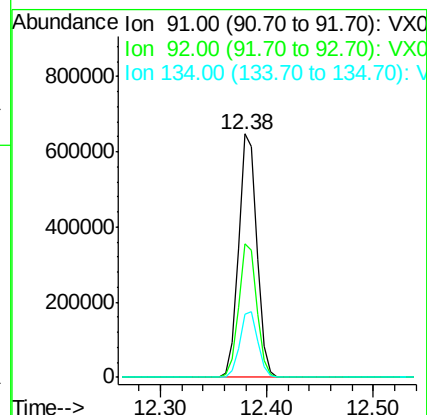
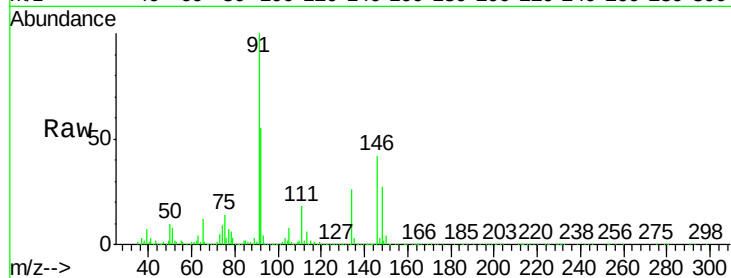
Tgt Ion: 91 Resp: 777514

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 53.75 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015131.D

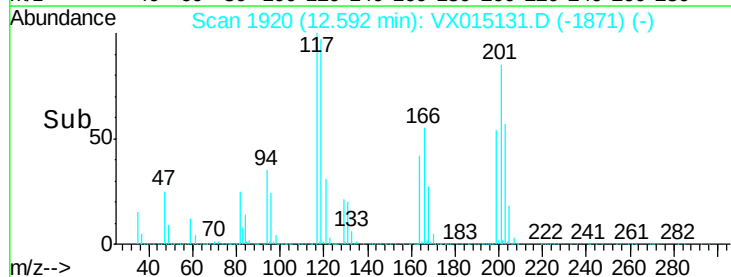
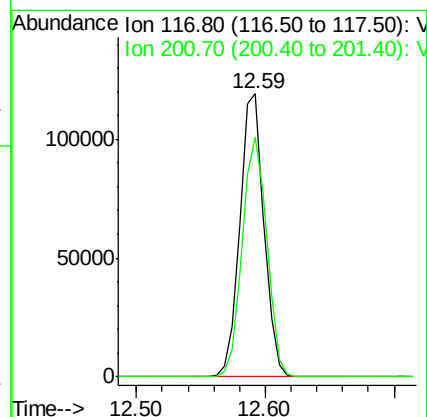
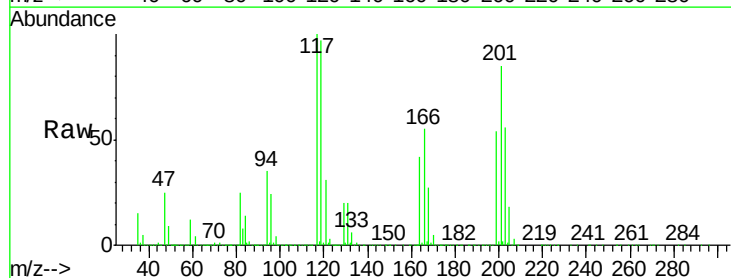
Acq: 09 Mar 2020 10:20

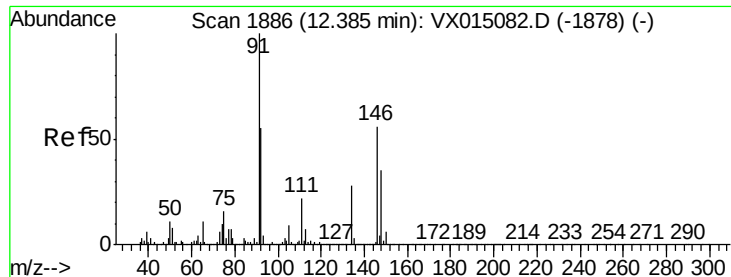
Tgt Ion: 117 Resp: 155283

Ion Ratio Lower Upper

117 100

201 85.9 43.5 130.7

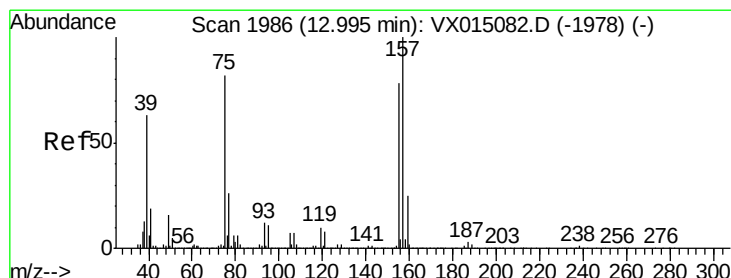
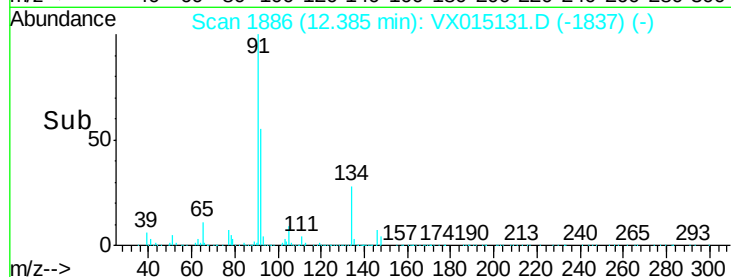
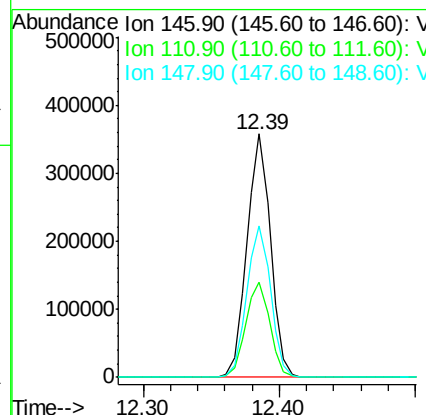
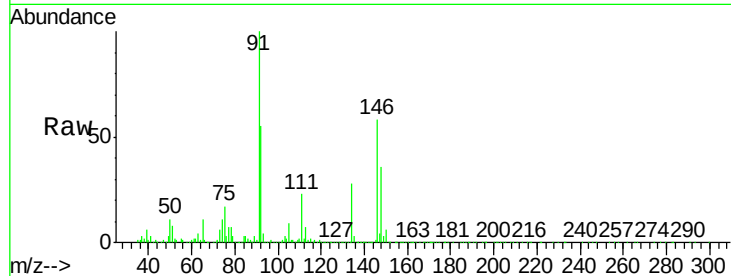




#91
 1,2-Dichlorobenzene
 Concen: 52.00 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

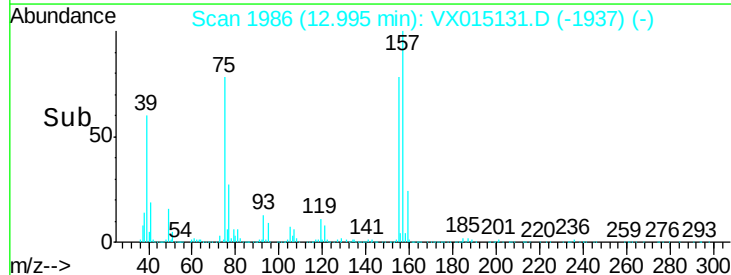
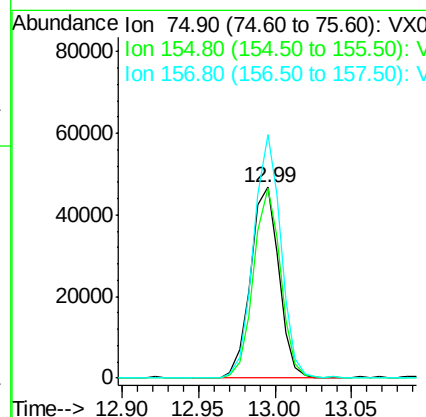
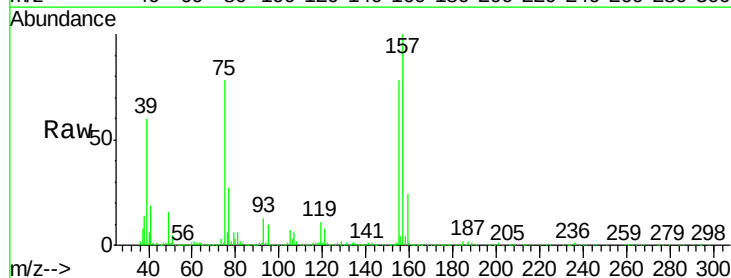
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

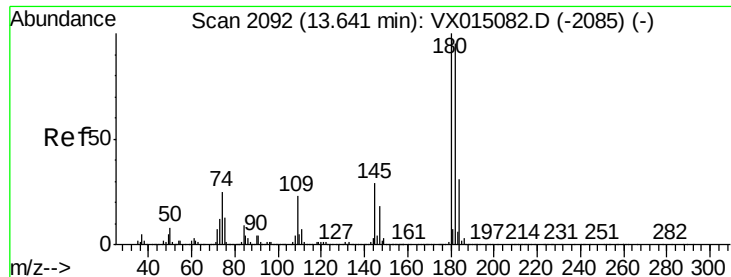
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	63.5	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.60 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.6	139.7
157	123.9	59.2	177.5

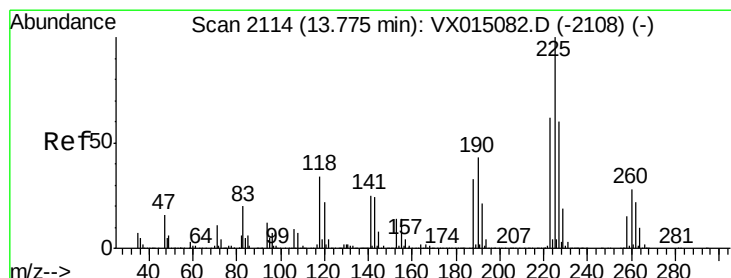
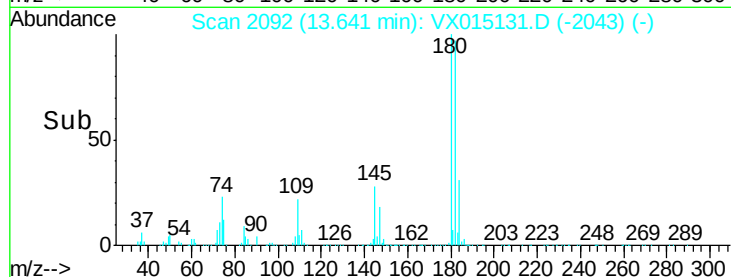
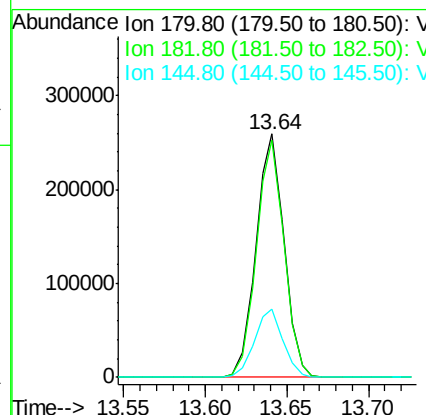
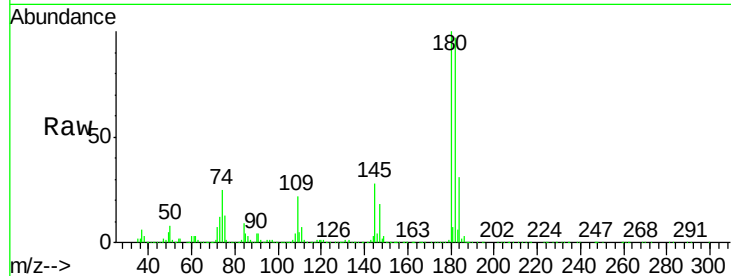




#93
 1,2,4-Trichlorobenzene
 Concen: 53.90 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

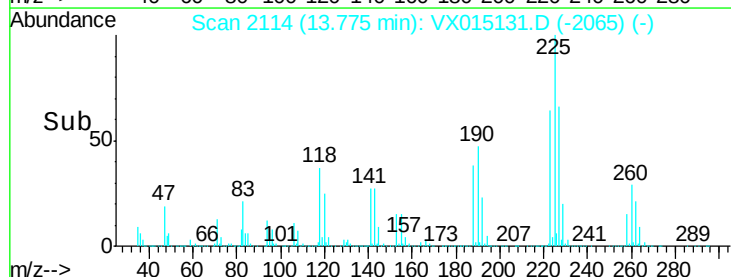
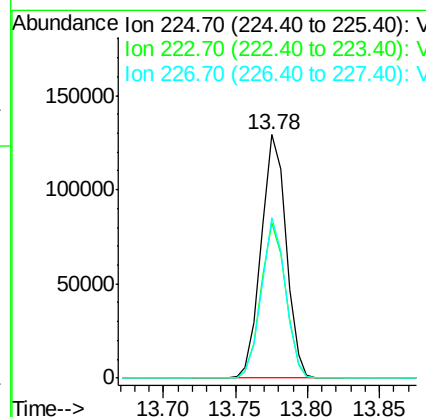
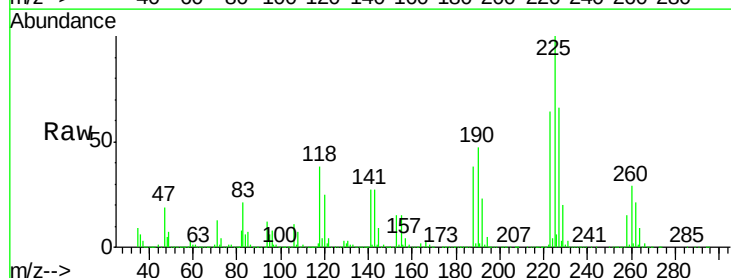
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

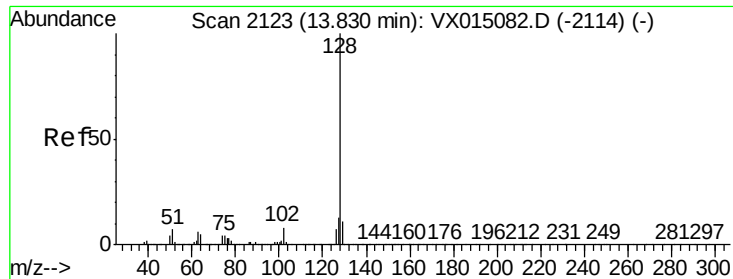
Tgt Ion:180 Resp: 311048
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.8
 145 28.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 51.88 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015131.D
 Acq: 09 Mar 2020 10:20

Tgt Ion:225 Resp: 153648
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.9
 227 63.1 31.1 93.2

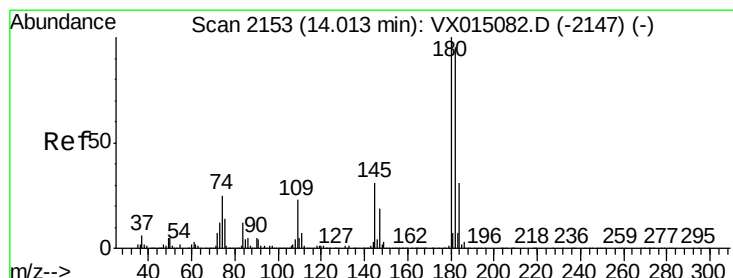
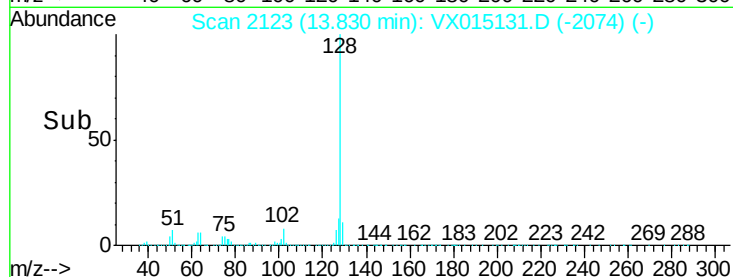
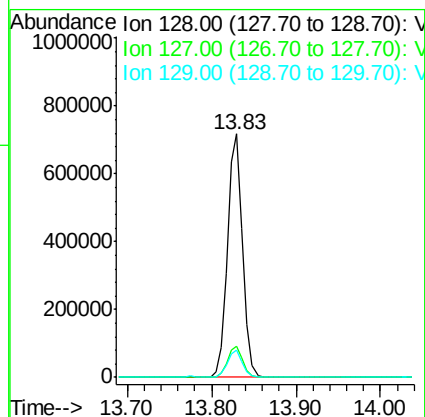
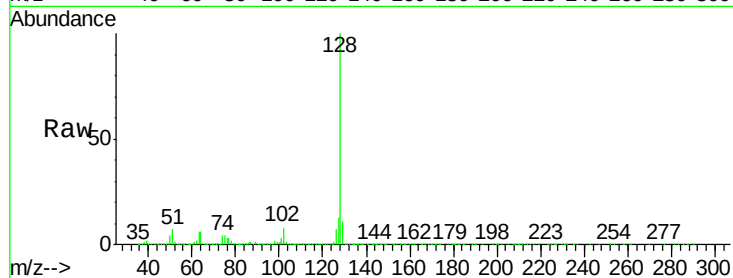




#95
Naphthalene
Concen: 49.88 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.62 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015131.D
Acq: 09 Mar 2020 10:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	29.0	15.1	45.3

