

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030220\
 Data File : VX015068.D
 Acq On : 02 Mar 2020 15:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 02 16:12:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	609702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	565416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	214794	45.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.48	113	183245	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	710654	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	263253	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	166085	42.22	ug/l	98
3) Chloromethane	1.32	50	211779	47.49	ug/l	98
4) Vinyl Chloride	1.40	62	225213	46.88	ug/l	99
5) Bromomethane	1.63	94	125720	40.43	ug/l	95
6) Chloroethane	1.72	64	140892	45.83	ug/l	98
7) Trichlorofluoromethane	1.92	101	286163	42.63	ug/l	100
8) Diethyl Ether	2.18	74	131726	47.32	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	182216	46.77	ug/l	97
10) Methyl Iodide	2.50	142	202013	46.81	ug/l	99
11) Tert butyl alcohol	3.03	59	214534	259.19	ug/l	100
12) 1,1-Dichloroethene	2.36	96	173768	45.64	ug/l	97
13) Acrolein	2.28	56	159098	252.20	ug/l	97
14) Allyl chloride	2.72	41	328259	48.63	ug/l	95
15) Acrylonitrile	3.12	53	576345	274.67	ug/l	99
16) Acetone	2.43	43	548687	216.42	ug/l	97
17) Carbon Disulfide	2.56	76	422876	39.75	ug/l	99
18) Methyl Acetate	2.76	43	278286	58.94	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	613991	49.55	ug/l	98
20) Methylene Chloride	2.84	84	205105	45.48	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	184520	43.92	ug/l	99
22) Diisopropyl ether	3.84	45	670027	51.97	ug/l	95
23) Vinyl Acetate	3.80	43	2839915	267.21	ug/l	99
24) 1,1-Dichloroethane	3.69	63	355409	48.85	ug/l	99
25) 2-Butanone	4.65	43	816116	255.72	ug/l	99
26) 2,2-Dichloropropane	4.57	77	287174	45.80	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	221738	47.22	ug/l	99
28) Bromochloromethane	5.00	49	148958	52.82	ug/l	95
29) Tetrahydrofuran	5.11	42	505246	278.49	ug/l	98
30) Chloroform	5.19	83	347328	48.11	ug/l	99
31) Cyclohexane	5.56	56	306666	46.27	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	292438	46.31	ug/l	100
36) 1,1-Dichloropropene	5.78	75	255215	46.79	ug/l	100
37) Ethyl Acetate	4.81	43	297594	52.32	ug/l	99
38) Carbon Tetrachloride	5.77	117	246598	46.40	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030220\
 Data File : VX015068.D
 Acq On : 02 Mar 2020 15:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Mar 02 16:12:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	317914	46.61	ug/l	98
40) Benzene	6.13	78	792370	48.63	ug/l	99
41) Methacrylonitrile	5.02	41	170882	55.76	ug/l	98
42) 1,2-Dichloroethane	6.18	62	268210	45.54	ug/l	98
43) Isopropyl Acetate	6.43	43	500947	53.38	ug/l	99
44) Trichloroethene	7.20	130	216719	45.81	ug/l	98
45) 1,2-Dichloropropane	7.50	63	214019	51.50	ug/l	100
46) Dibromomethane	7.65	93	135981	47.87	ug/l	98
47) Bromodichloromethane	7.89	83	274291	48.70	ug/l	97
48) Methyl methacrylate	7.76	41	244733	52.99	ug/l	98
49) 1,4-Dioxane	7.73	88	88237	1021.93	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1566073	276.39	ug/l	100
52) Toluene	8.78	92	503914	48.69	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	311024	50.38	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	340034	49.86	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	213976	51.10	ug/l	98
56) Ethyl methacrylate	9.17	69	339694	53.97	ug/l	98
57) 1,3-Dichloropropane	9.36	76	351614	49.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	884283	268.64	ug/l	99
59) 2-Hexanone	9.48	43	1216010	273.04	ug/l	99
60) Dibromochloromethane	9.57	129	226614	50.29	ug/l	98
61) 1,2-Dibromoethane	9.67	107	219456	48.57	ug/l	99
64) Tetrachloroethene	9.33	164	215582	40.78	ug/l	99
65) Chlorobenzene	10.13	112	548204	47.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	210347	50.52	ug/l	99
67) Ethyl Benzene	10.25	91	967801	49.62	ug/l	100
68) m/p-Xylenes	10.35	106	743829	99.00	ug/l	98
69) o-Xylene	10.69	106	357142	49.45	ug/l	100
70) Styrene	10.71	104	623439	51.02	ug/l	99
71) Bromoform	10.85	173	179686	51.70	ug/l	99
73) Isopropylbenzene	11.01	105	971726	51.93	ug/l	100
74) N-amyl acetate	10.89	43	441517	56.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	327290	53.51	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	382226	70.84	ug/l	92
77) Bromobenzene	11.25	156	252980	48.44	ug/l	99
78) n-propylbenzene	11.35	91	1111603	51.36	ug/l	100
79) 2-Chlorotoluene	11.42	91	646993	50.85	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	811212	51.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113197	53.70	ug/l	98
82) 4-Chlorotoluene	11.51	91	760767	50.49	ug/l	99
83) tert-Butylbenzene	11.76	119	792647	53.53	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	820045	52.04	ug/l	100
85) sec-Butylbenzene	11.94	105	970177	52.75	ug/l	99
86) p-Isopropyltoluene	12.06	119	890025	51.71	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	447936	47.81	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	450533	47.09	ug/l	100
89) n-Butylbenzene	12.38	91	763083	49.50	ug/l	100
90) Hexachloroethane	12.59	117	150083	49.93	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	435439	47.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70089	48.84	ug/l	99

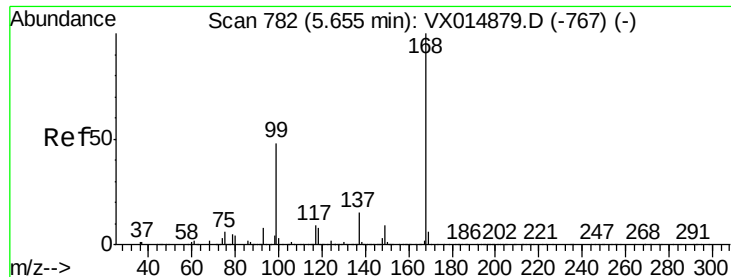
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030220\
Data File : VX015068.D
Acq On : 02 Mar 2020 15:52
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 02 16:12:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	322851	47.60	ug/l	99
94) Hexachlorobutadiene	13.78	225	162320	49.48	ug/l	98
95) Naphthalene	13.83	128	972171	53.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	327895	50.04	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: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

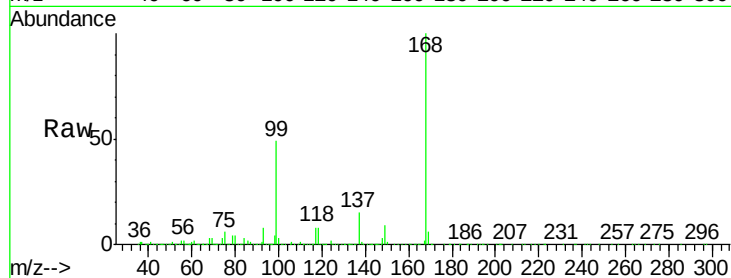
VSTDCCC050EC

Tgt Ion:168 Resp: 415376

Ion Ratio Lower Upper

168 100

99 48.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

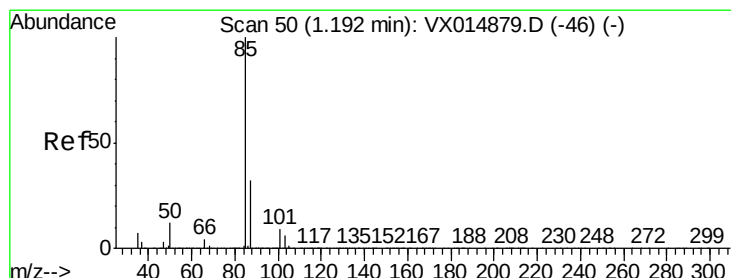
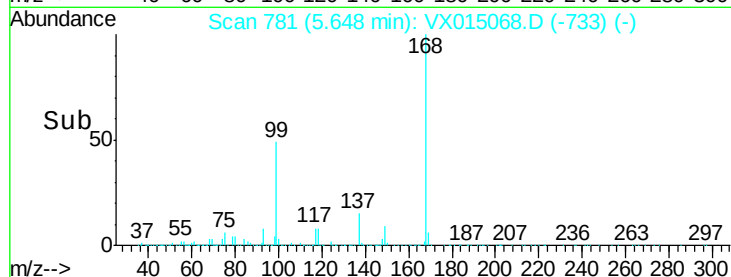
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.22 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015068.D

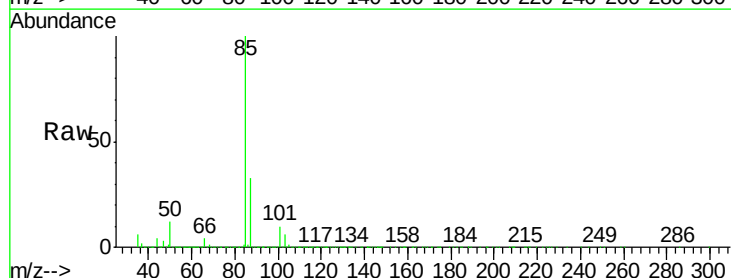
Acq: 02 Mar 2020 15:52

Tgt Ion: 85 Resp: 166085

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

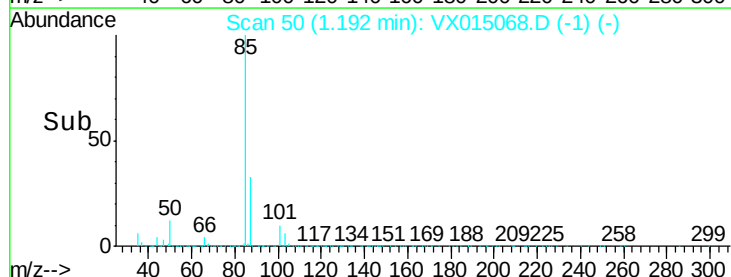
150000

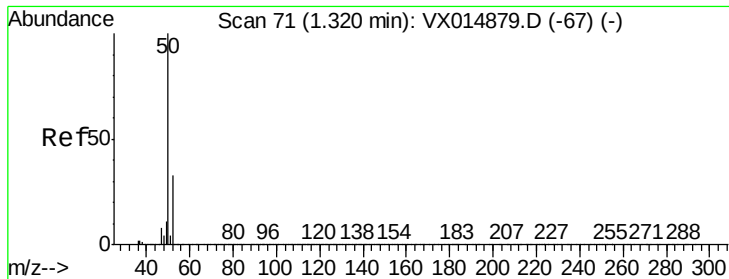
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.49 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

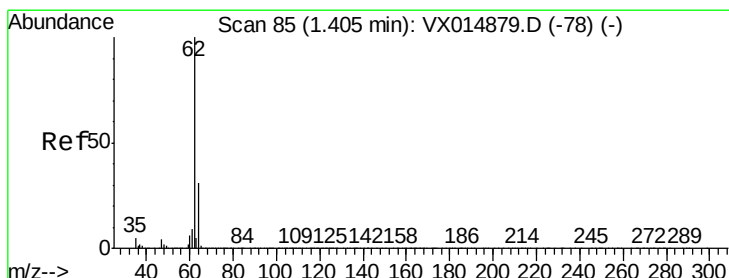
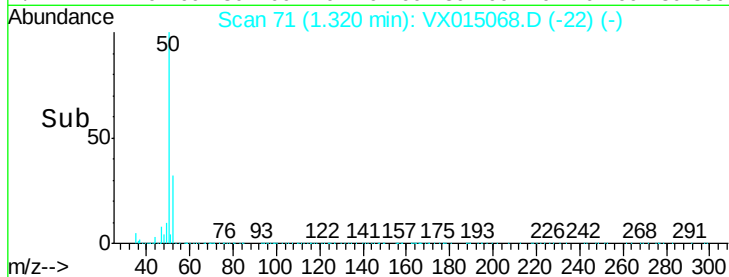
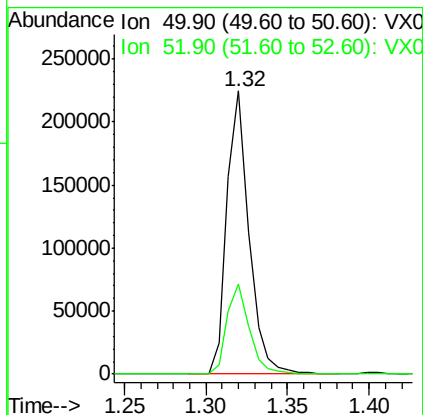
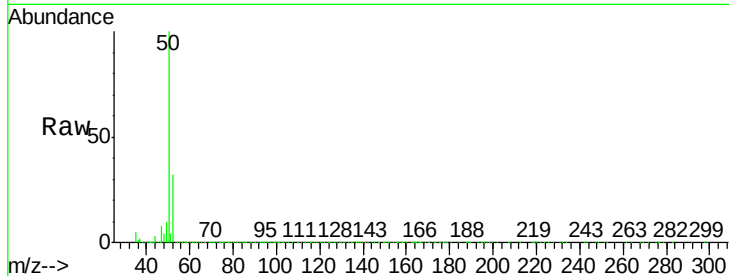
VSTDCCC050EC

Tgt Ion: 50 Resp: 211779

Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2



#4

Vinyl Chloride

Concen: 46.88 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015068.D

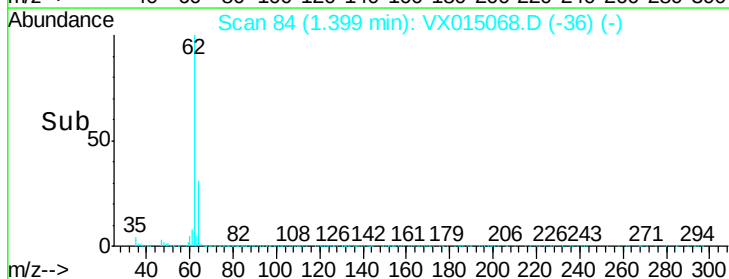
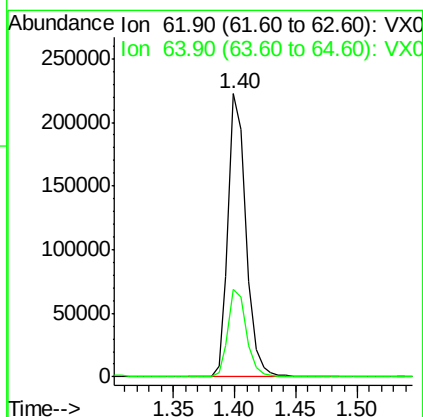
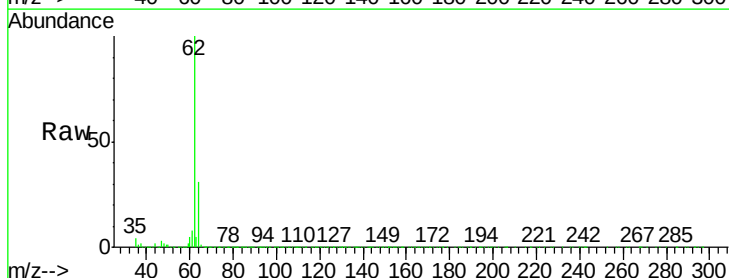
Acq: 02 Mar 2020 15:52

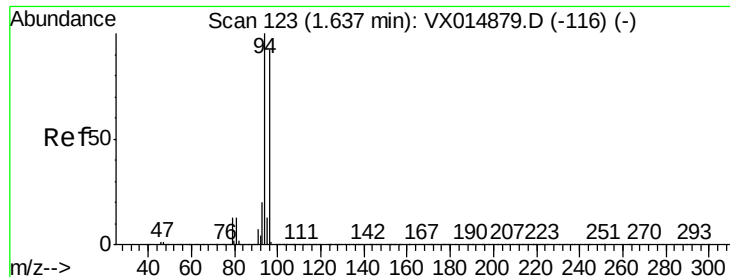
Tgt Ion: 62 Resp: 225213

Ion Ratio Lower Upper

62 100

64 30.7 24.8 37.2





#5

Bromomethane

Concen: 40.43 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

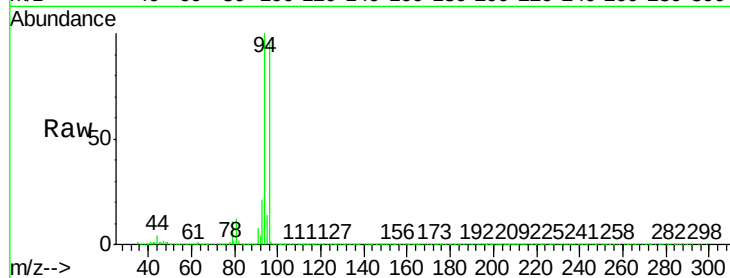
VSTDCCC050EC

Tgt Ion: 94 Resp: 125720

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

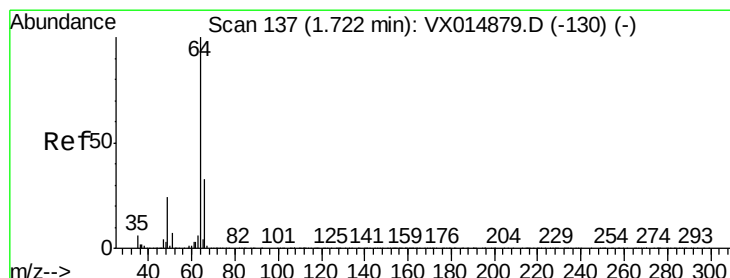
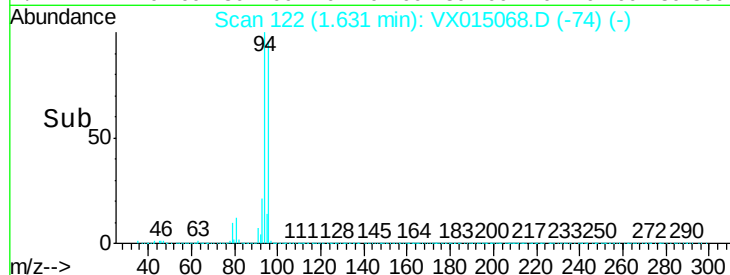
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 45.83 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015068.D

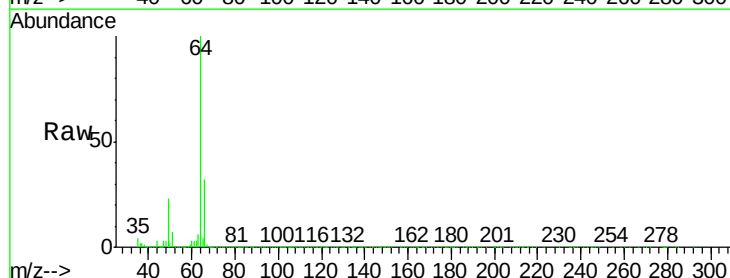
Acq: 02 Mar 2020 15:52

Tgt Ion: 64 Resp: 140892

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

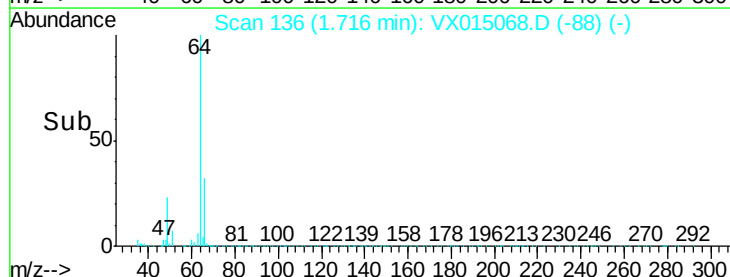
60000

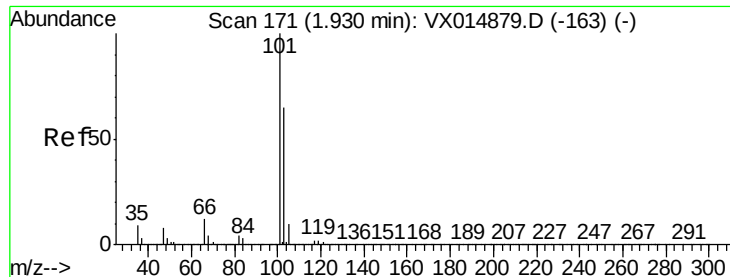
40000

20000

0

Time-->



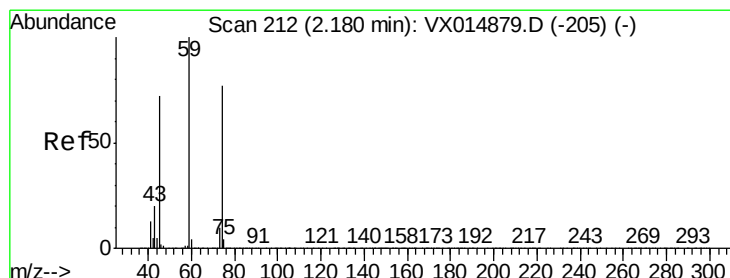
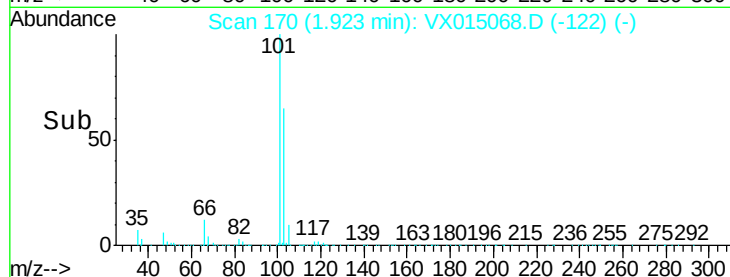
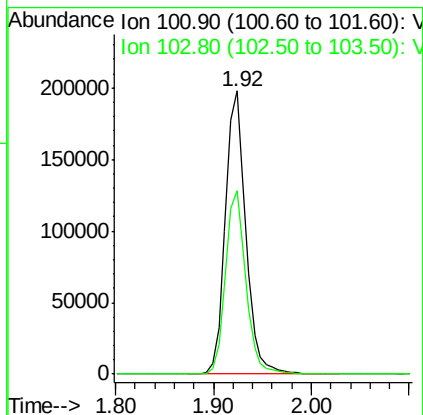
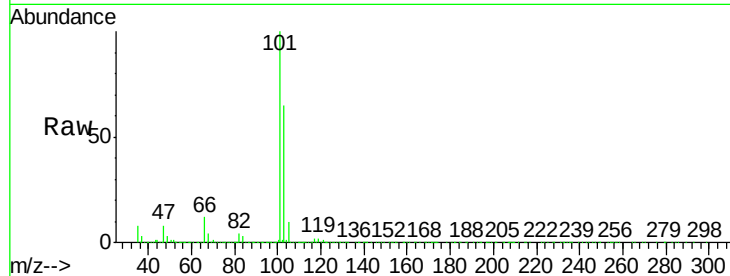


#7

Trichlorofluoromethane
Concen: 42.63 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

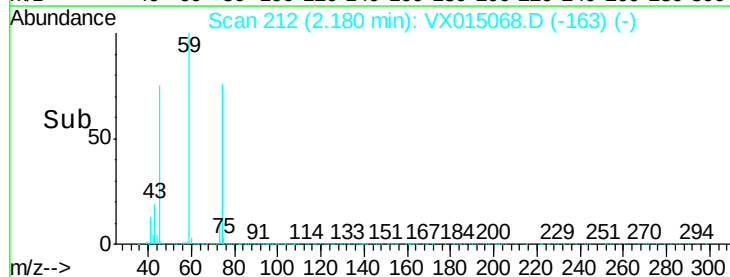
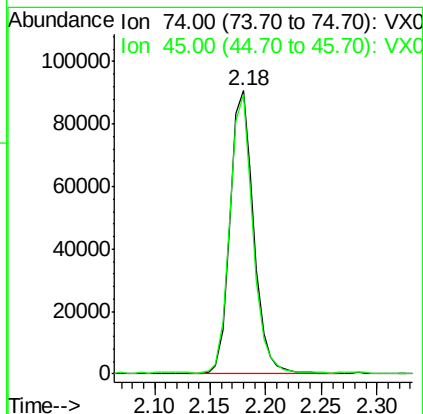
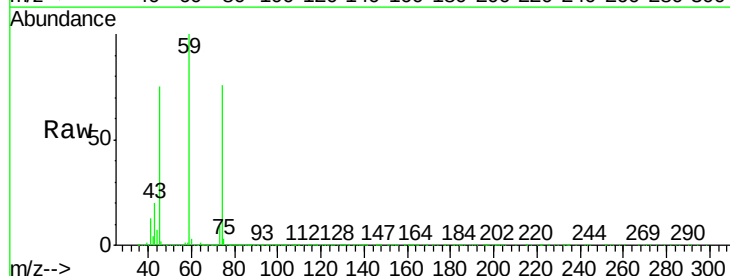
Tgt Ion: 101 Resp: 286163
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

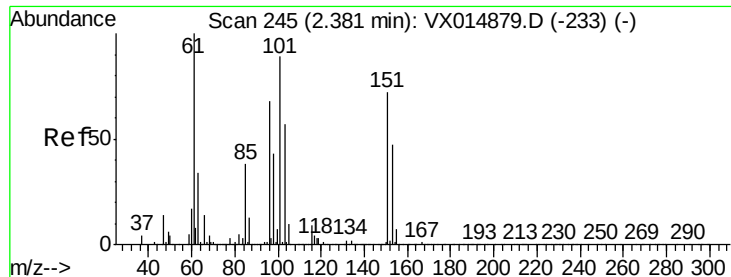


#8

Diethyl Ether
Concen: 47.32 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 74 Resp: 131726
Ion Ratio Lower Upper
74 100
45 97.3 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.77 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

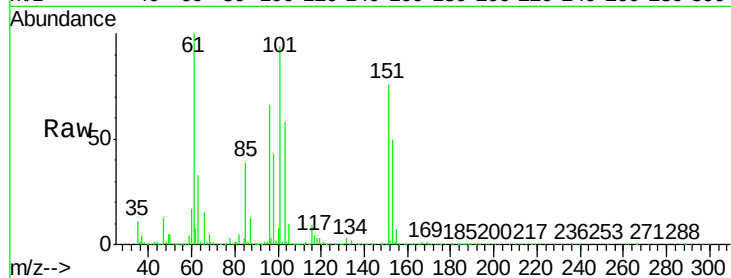
Tgt Ion:101 Resp: 182216

Ion Ratio Lower Upper

101 100

85 42.0 34.1 51.1

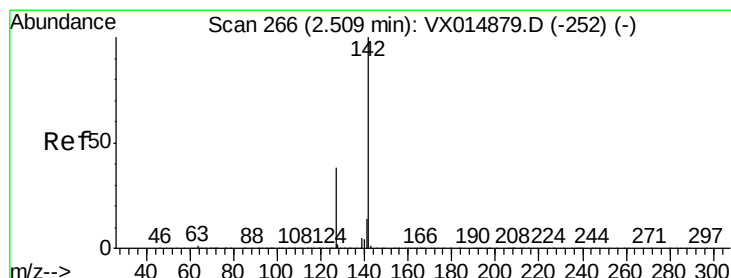
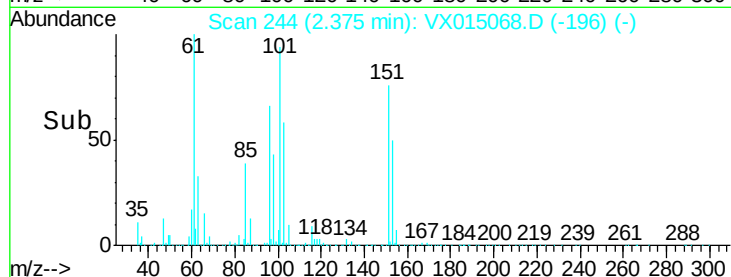
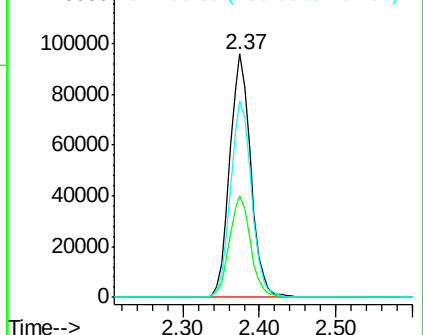
151 81.0 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.81 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

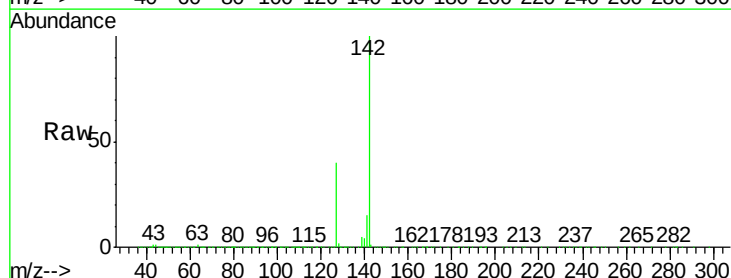
Tgt Ion:142 Resp: 202013

Ion Ratio Lower Upper

142 100

127 39.4 31.1 46.7

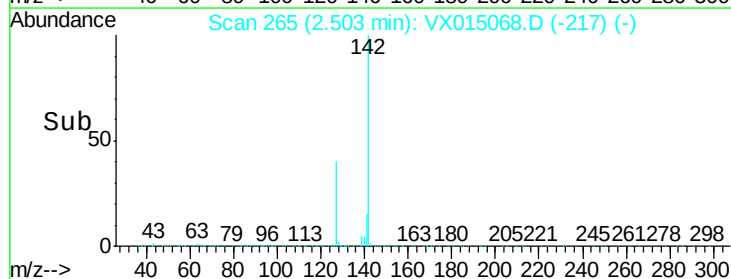
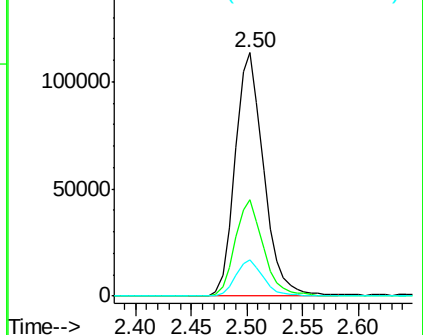
141 14.5 11.3 16.9

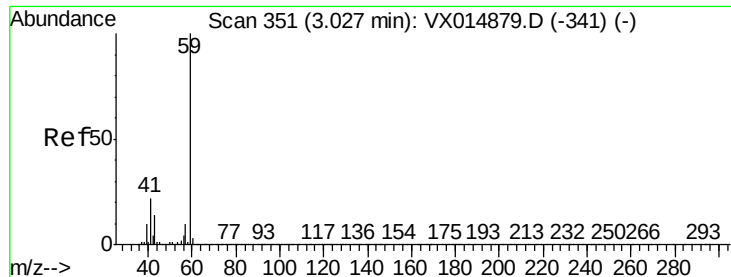


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



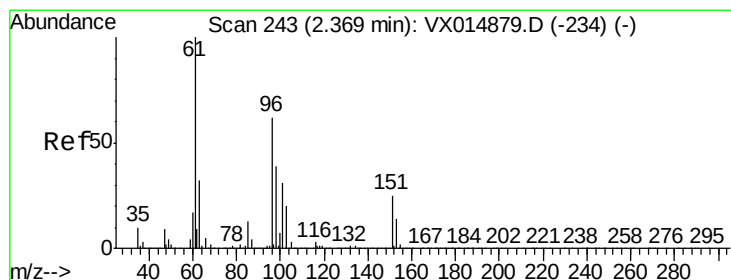
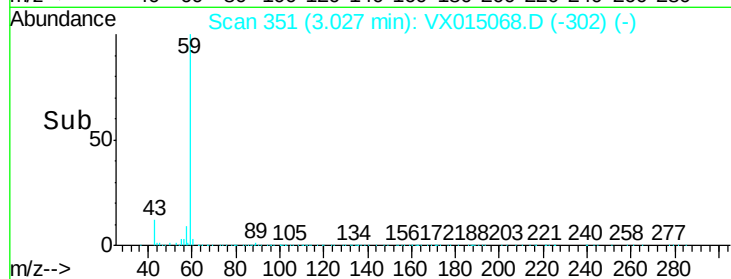
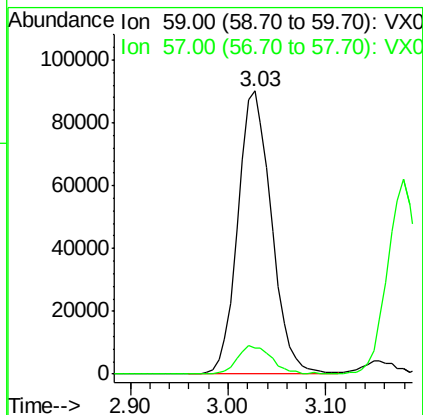
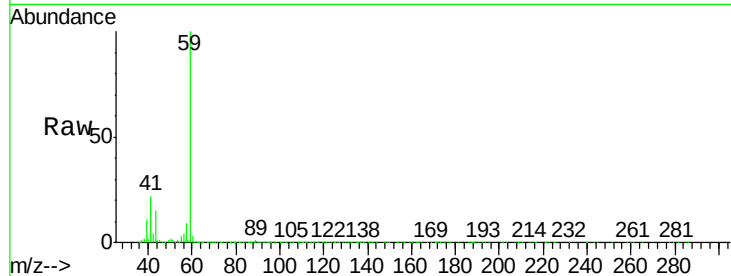


#11

Tert butyl alcohol
Concen: 259.19 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

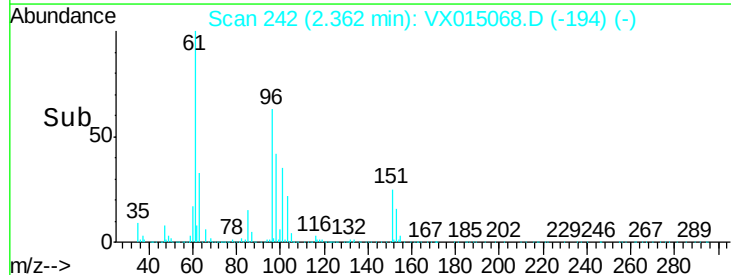
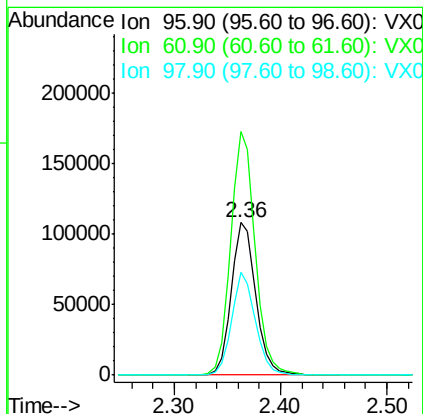
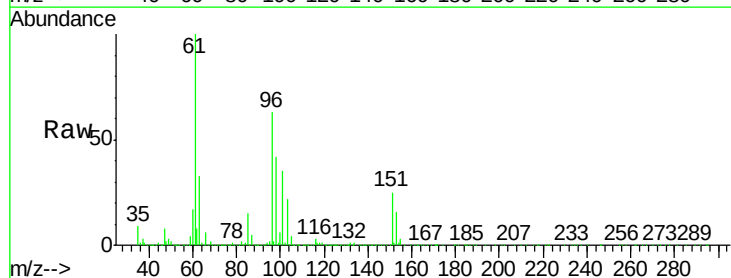
Tgt Ion: 59 Resp: 214534
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

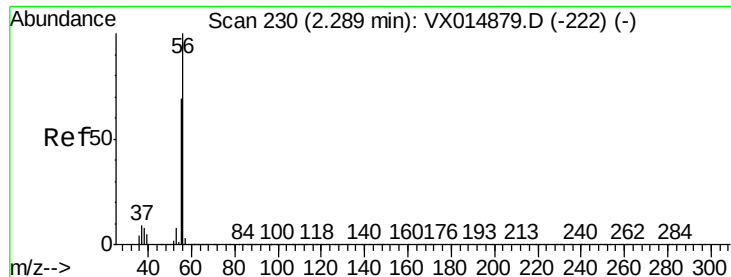


#12

1,1-Dichloroethene
Concen: 45.64 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 96 Resp: 173768
Ion Ratio Lower Upper
96 100
61 159.6 129.5 194.3
98 67.7 50.6 76.0

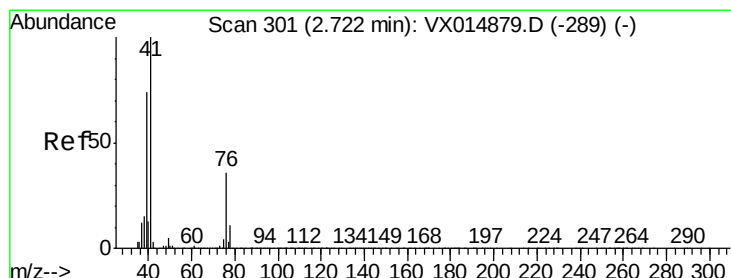
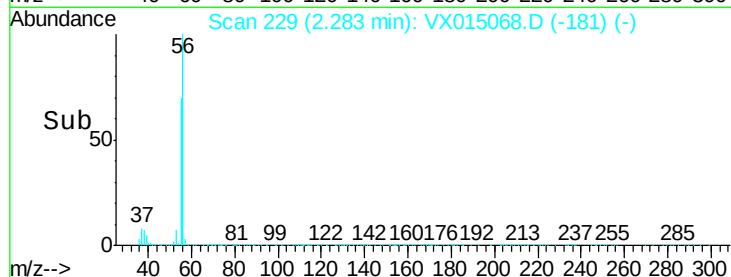
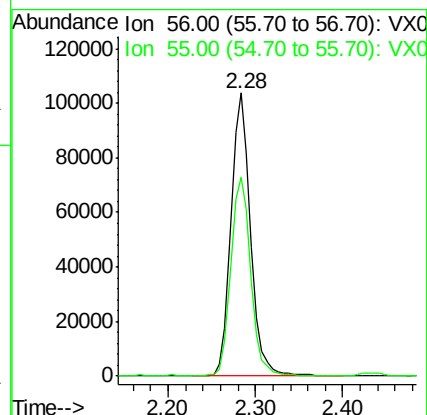
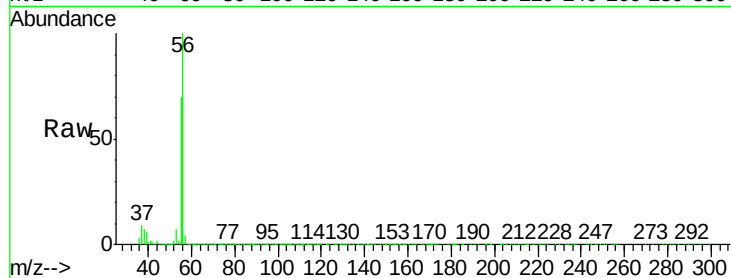




#13
Acrolein
Concen: 252.20 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

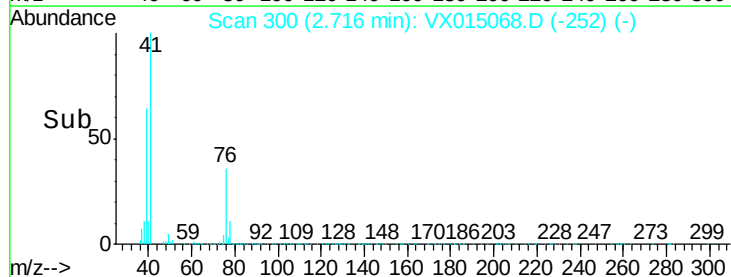
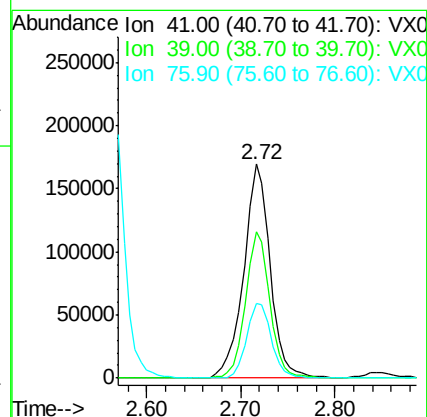
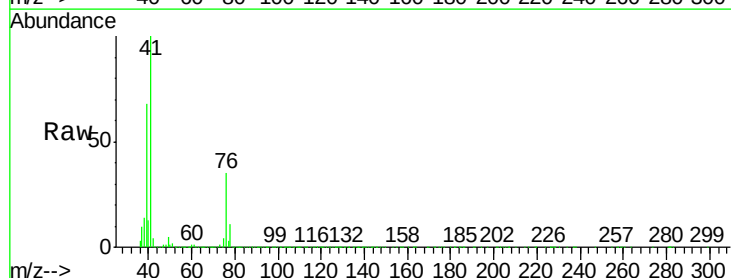
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

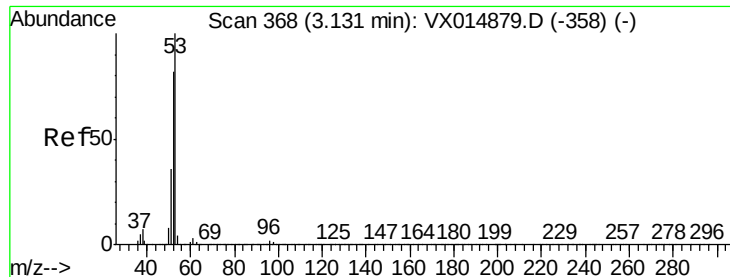
Tgt Ion: 56 Resp: 159098
Ion Ratio Lower Upper
56 100
55 71.5 55.0 82.4



#14
Allyl chloride
Concen: 48.63 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 41 Resp: 328259
Ion Ratio Lower Upper
41 100
39 63.1 55.2 82.8
76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 274.67 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

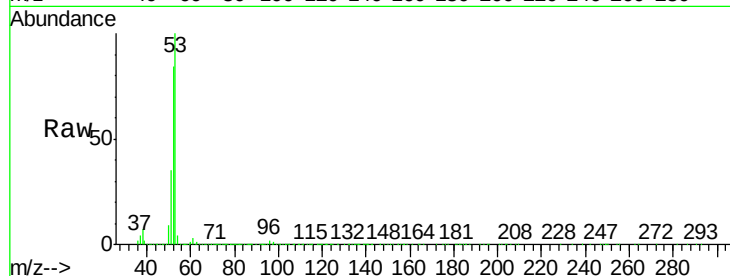
Tgt Ion: 53 Resp: 576345

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.6

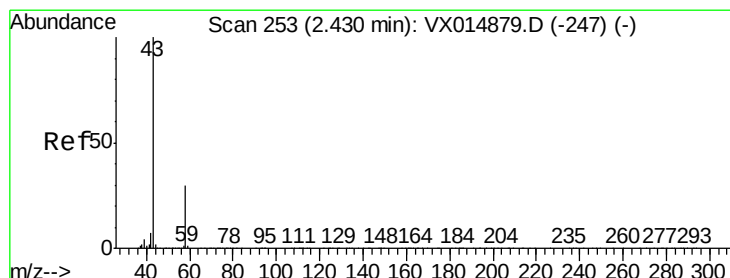
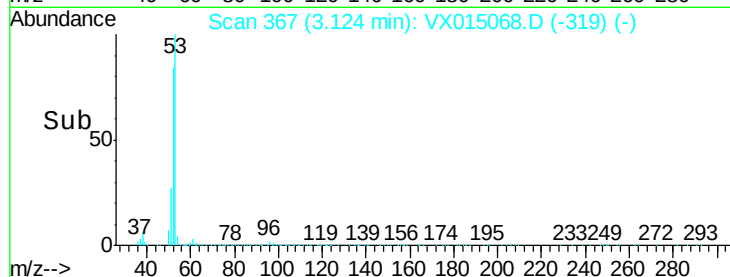
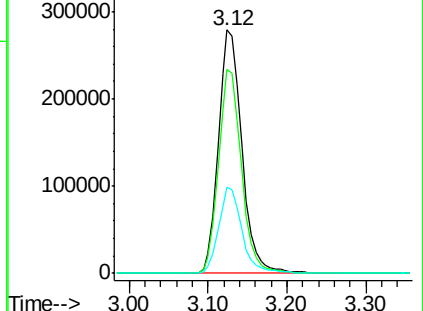
51 34.9 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 216.42 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015068.D

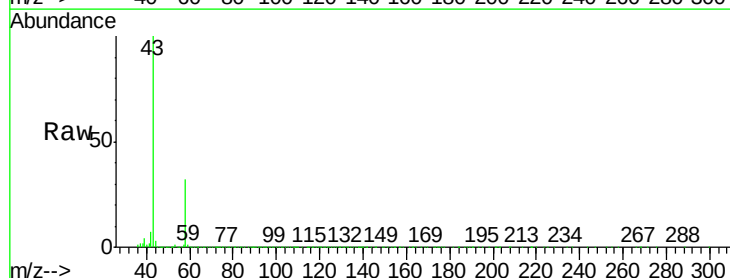
Acq: 02 Mar 2020 15:52

Tgt Ion: 43 Resp: 548687

Ion Ratio Lower Upper

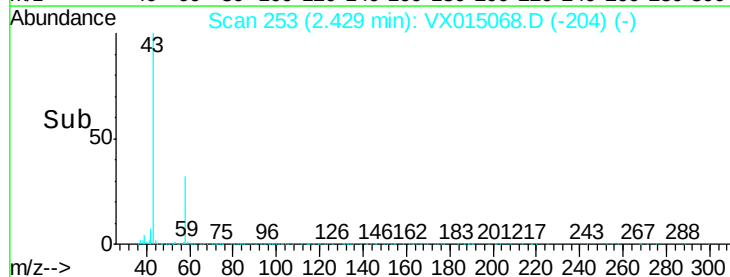
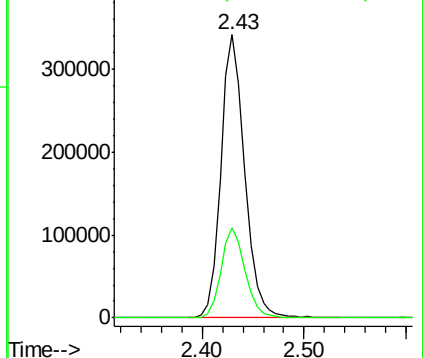
43 100

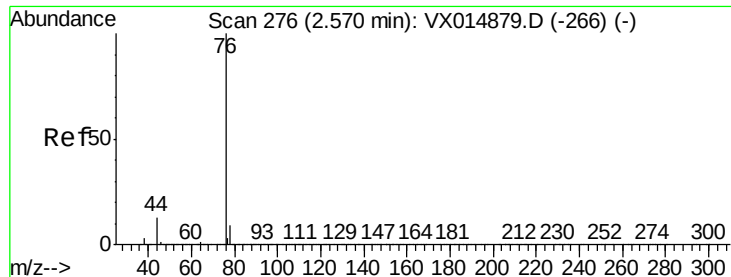
58 31.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.75 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

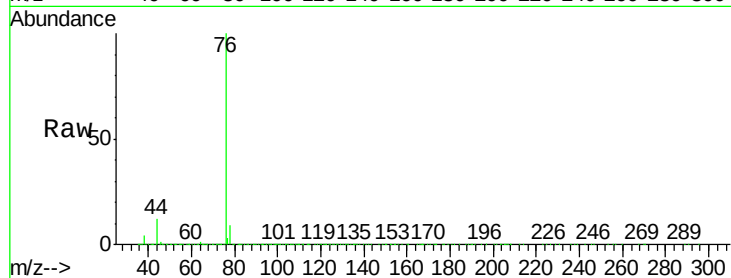
VSTDCCC050EC

Tgt Ion: 76 Resp: 422876

Ion Ratio Lower Upper

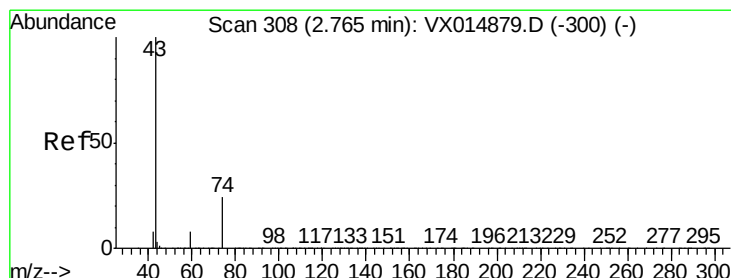
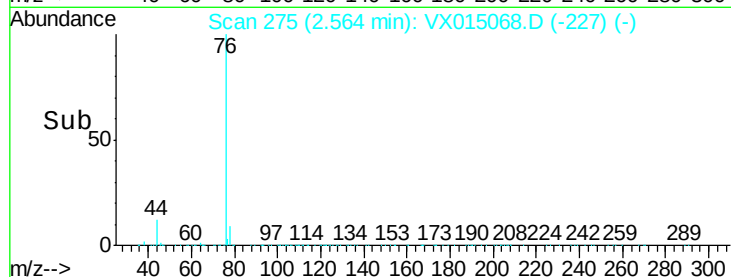
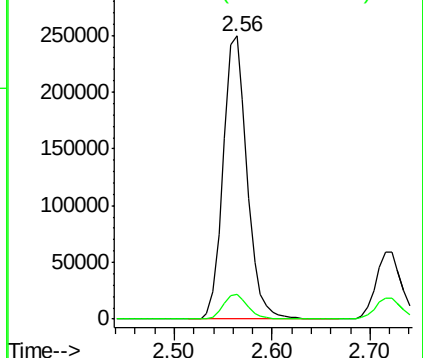
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.94 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015068.D

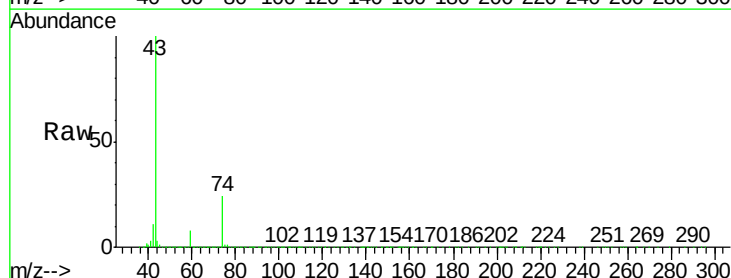
Acq: 02 Mar 2020 15:52

Tgt Ion: 43 Resp: 278286

Ion Ratio Lower Upper

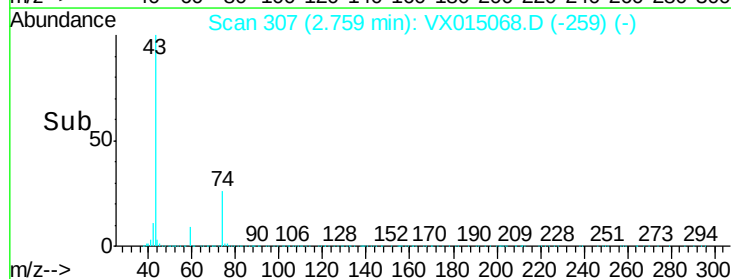
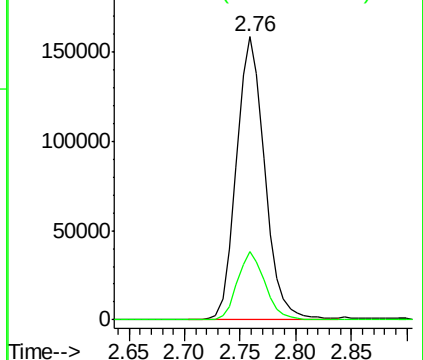
43 100

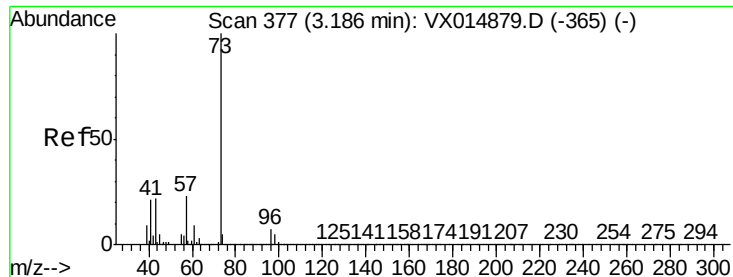
74 24.2 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

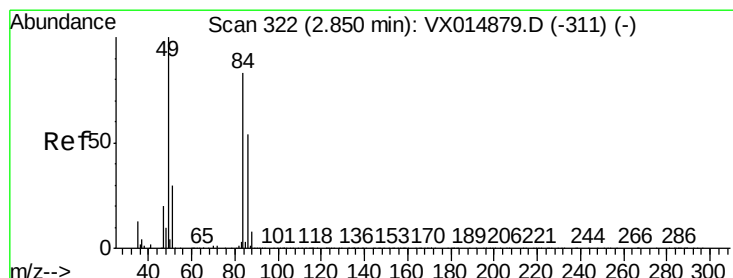
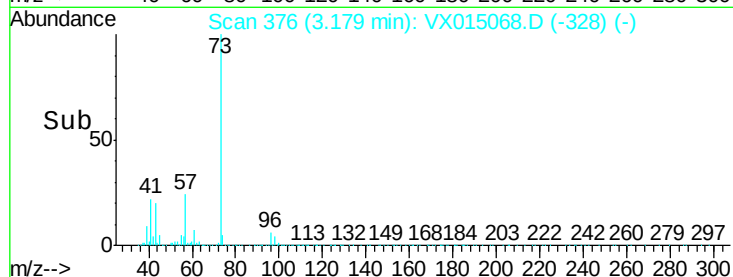
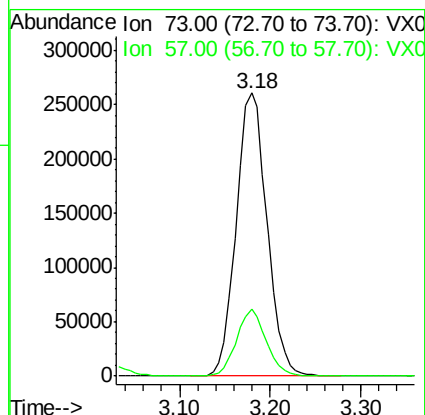
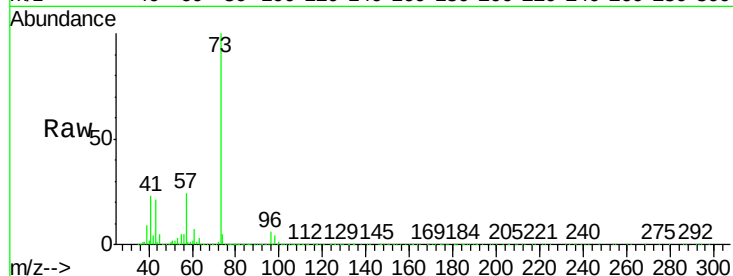




#19
Methyl tert-butyl Ether
Concen: 49.55 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

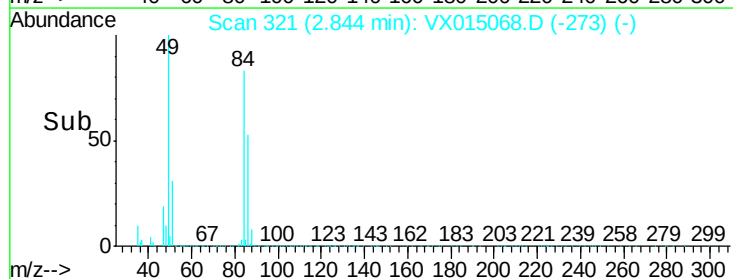
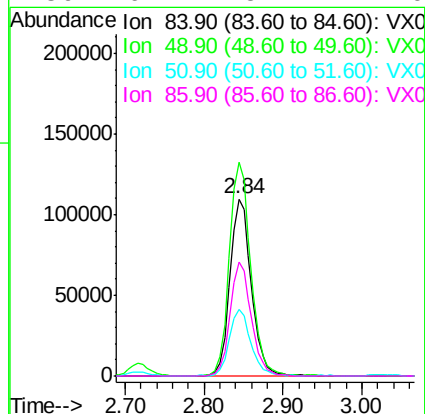
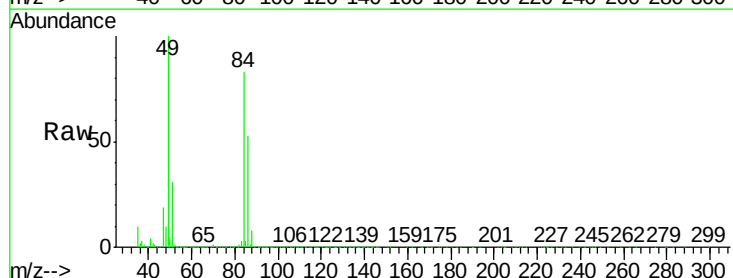
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

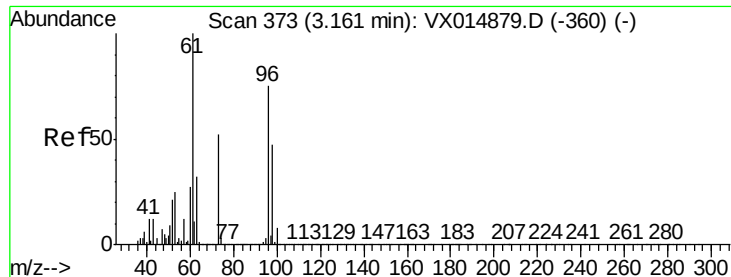
Tgt Ion: 73 Resp: 613991
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4



#20
Methylene Chloride
Concen: 45.48 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 84 Resp: 205105
Ion Ratio Lower Upper
84 100
49 120.7 95.6 143.4
51 37.5 29.0 43.6
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 43.92 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

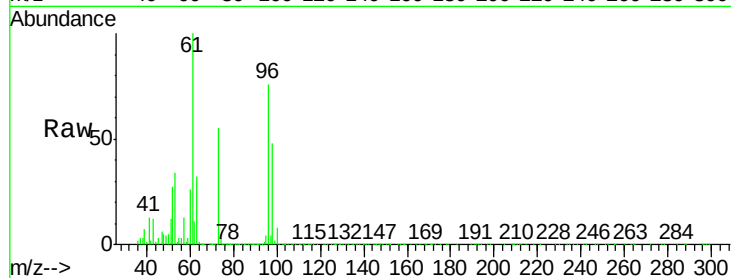
Tgt Ion: 96 Resp: 184520

Ion Ratio Lower Upper

96 100

61 131.9 106.9 160.3

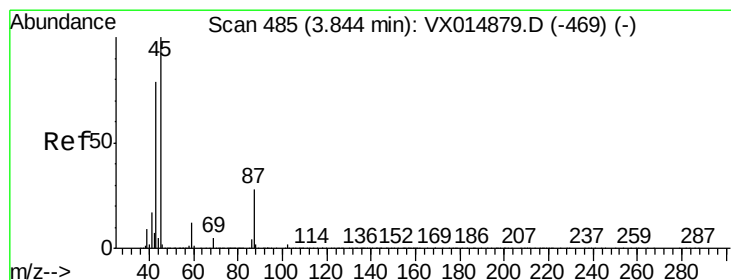
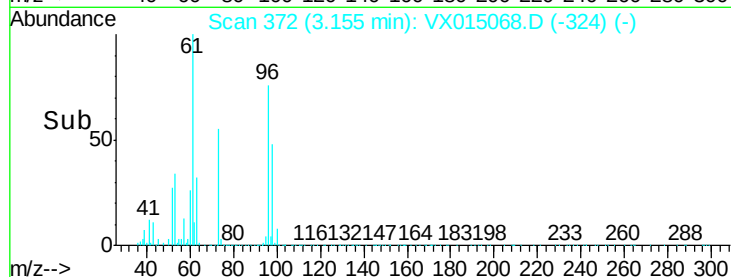
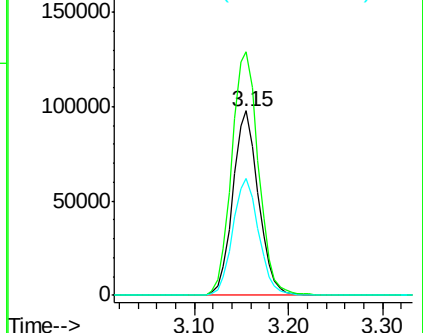
98 63.2 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.97 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion: 45 Resp: 670027

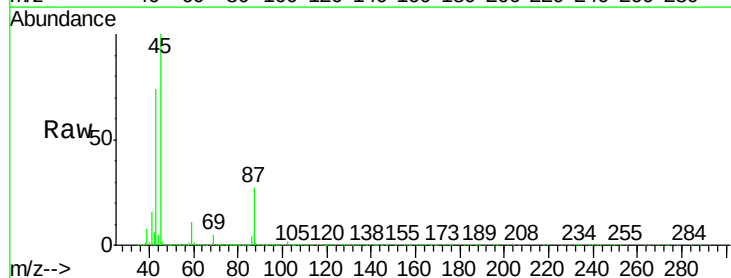
Ion Ratio Lower Upper

45 100

43 74.2 63.5 95.3

87 26.7 22.2 33.4

59 11.2 9.4 14.0

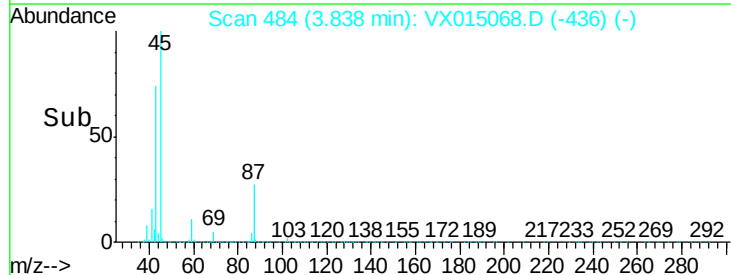
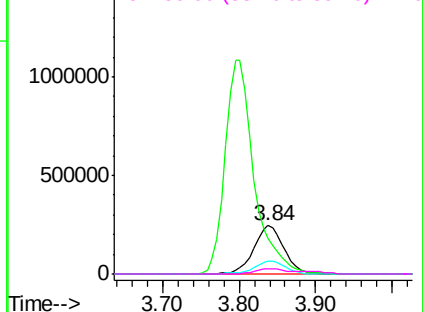


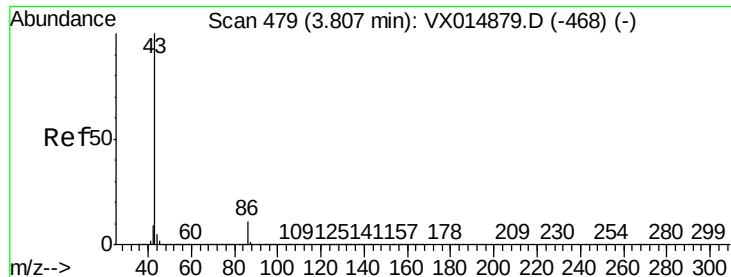
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 267.21 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

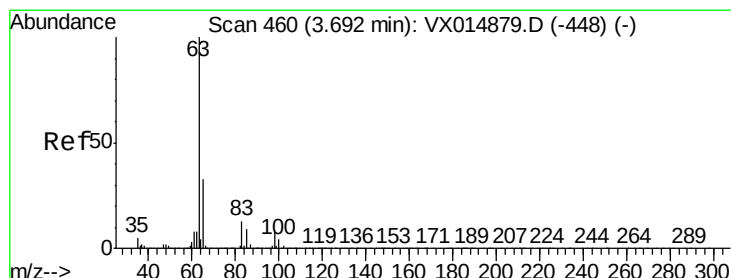
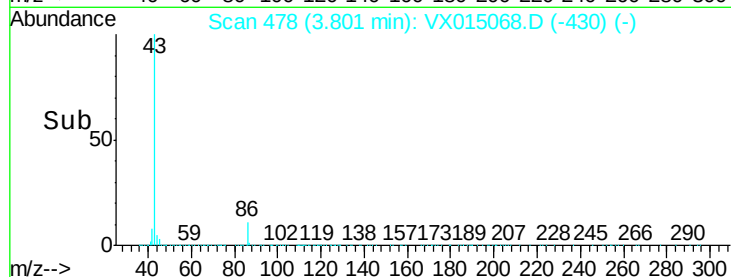
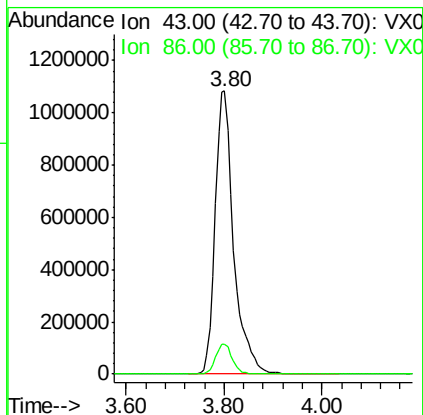
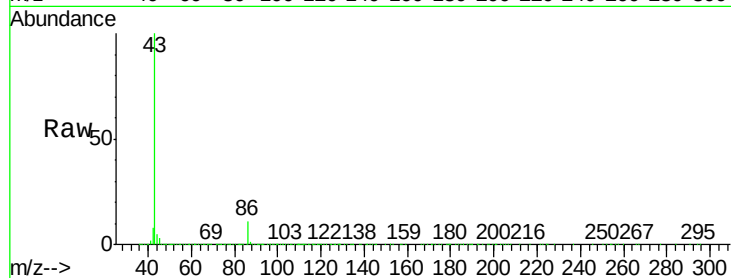
VSTDCCC050EC

Tgt Ion: 43 Resp: 2839915

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.85 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

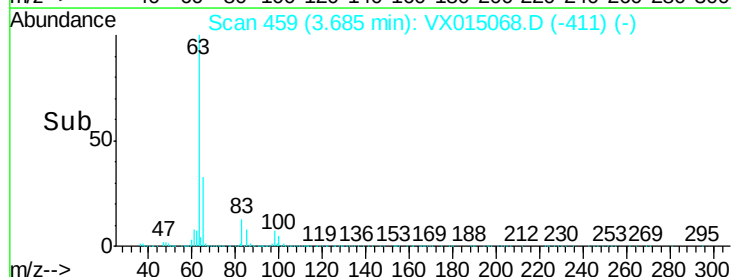
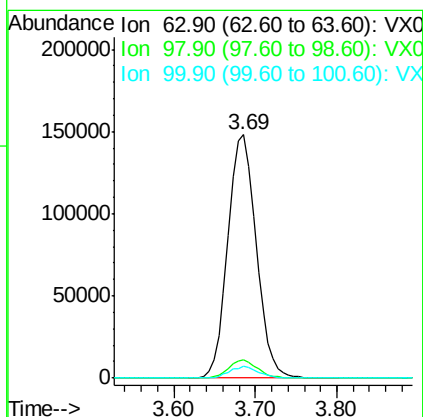
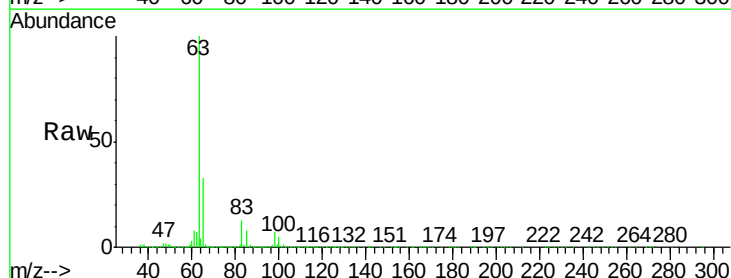
Tgt Ion: 63 Resp: 355409

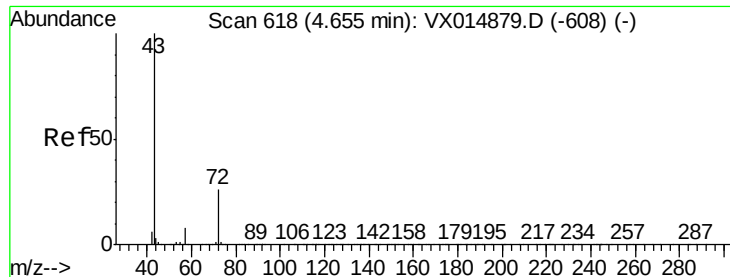
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 255.72 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

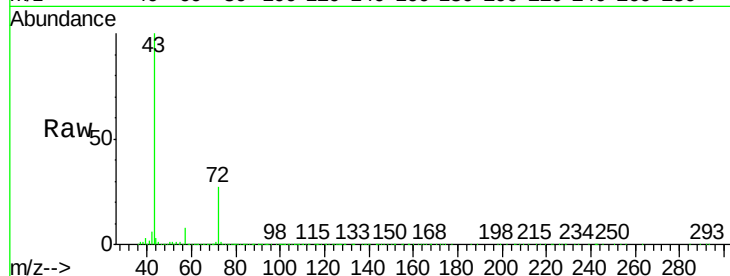
VSTDCCC050EC

Tgt Ion: 43 Resp: 816116

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

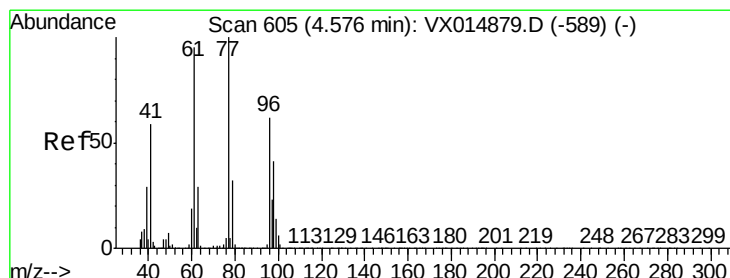
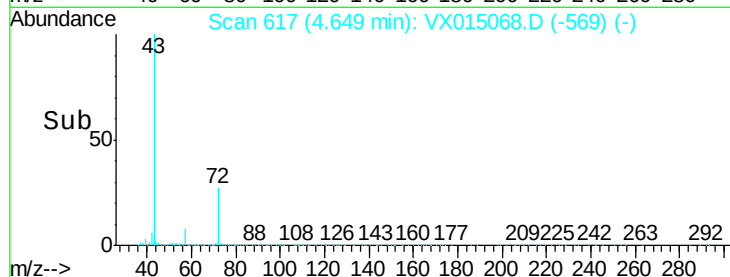
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.80 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015068.D

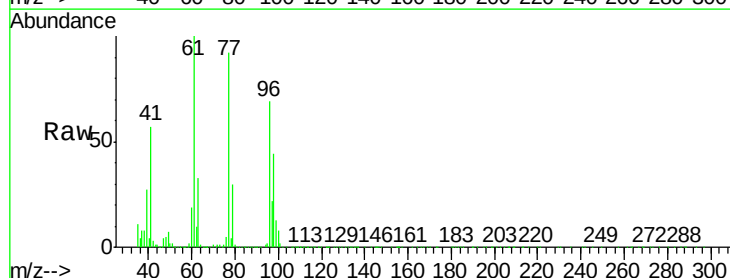
Acq: 02 Mar 2020 15:52

Tgt Ion: 77 Resp: 287174

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

100000

80000

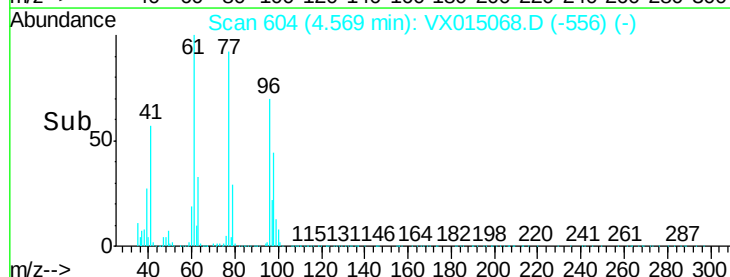
60000

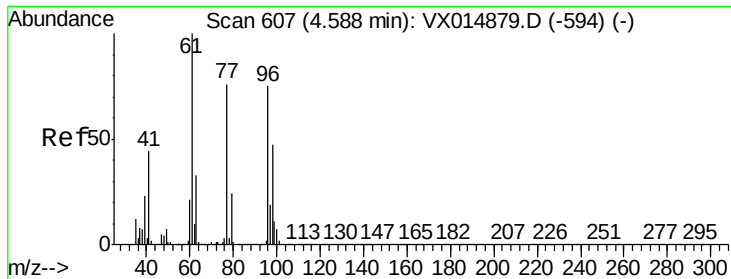
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.22 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

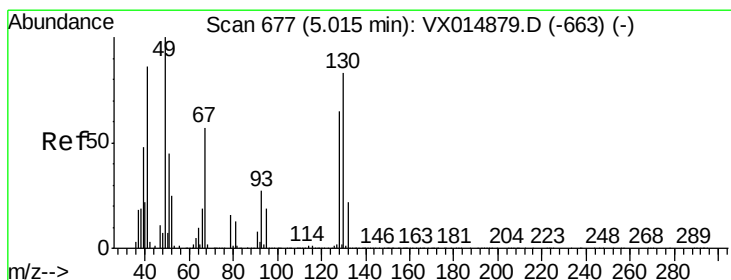
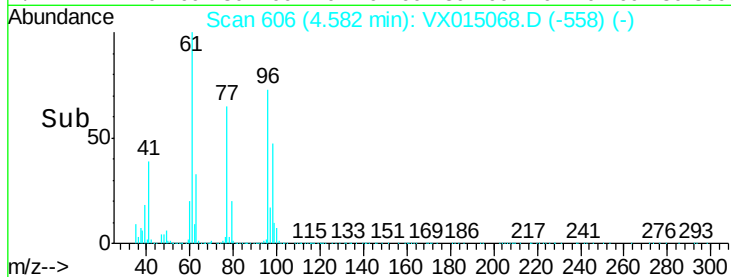
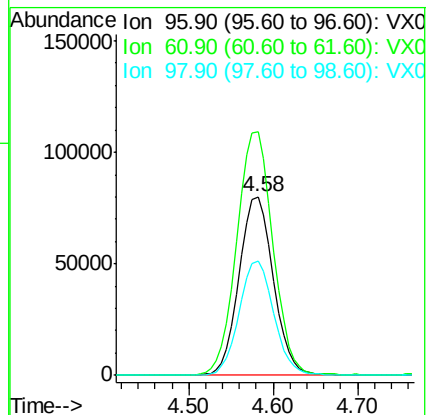
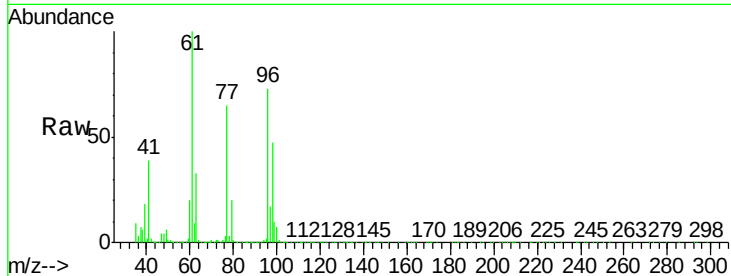
Tgt Ion: 96 Resp: 221738

Ion Ratio Lower Upper

96 100

61 142.7 0.0 286.2

98 64.6 0.0 131.0



#28

Bromochloromethane

Concen: 52.82 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.02 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

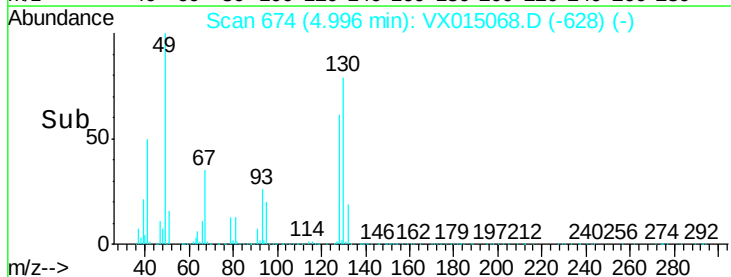
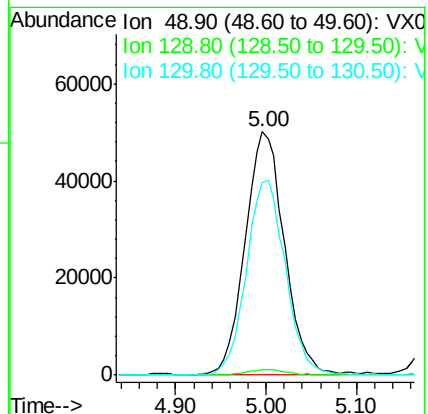
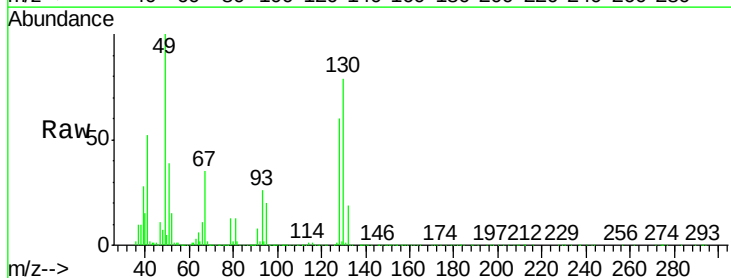
Tgt Ion: 49 Resp: 148958

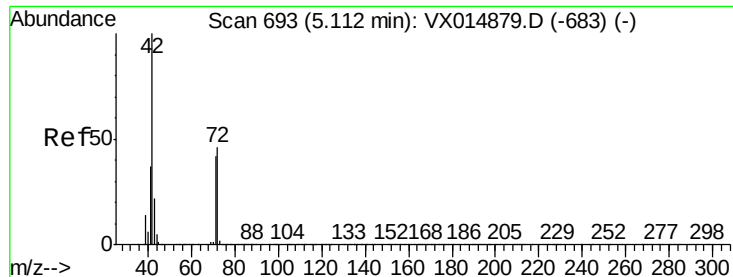
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 79.8 67.4 101.2





#29

Tetrahydrofuran

Concen: 278.49 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

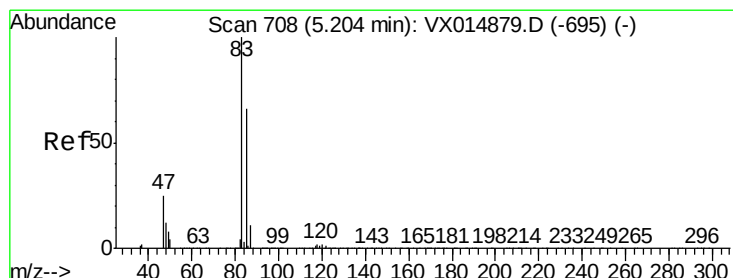
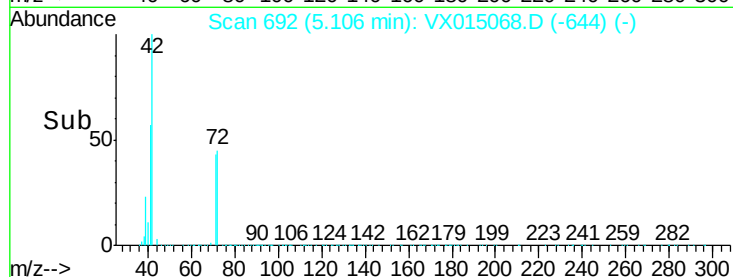
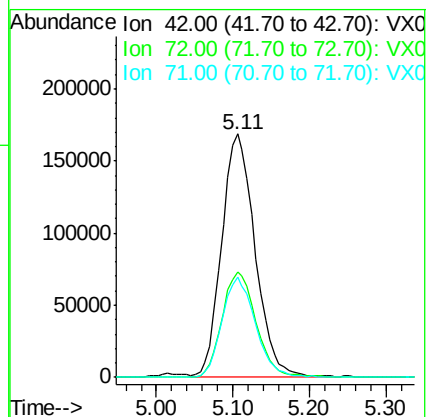
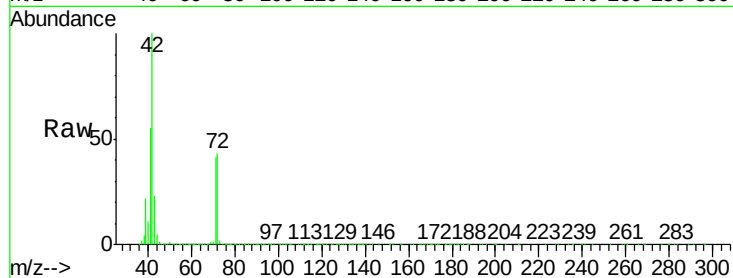
Tgt Ion: 42 Resp: 505246

Ion Ratio Lower Upper

42 100

72 44.6 36.9 55.3

71 41.2 34.1 51.1



#30

Chloroform

Concen: 48.11 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015068.D

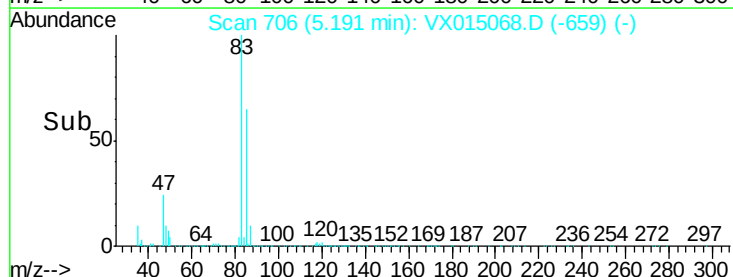
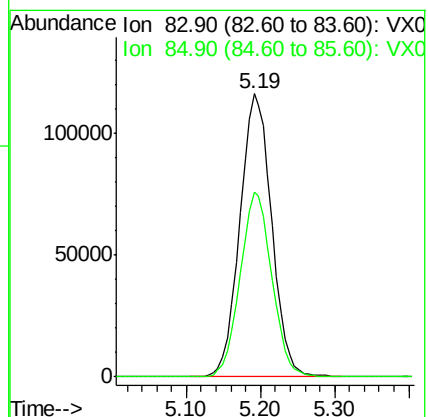
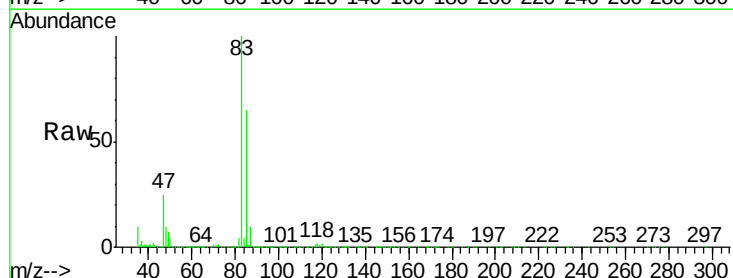
Acq: 02 Mar 2020 15:52

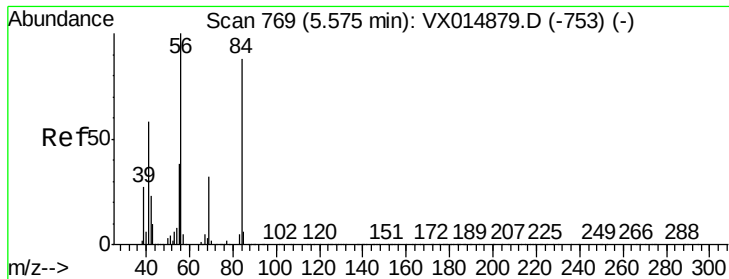
Tgt Ion: 83 Resp: 347328

Ion Ratio Lower Upper

83 100

85 65.4 52.9 79.3

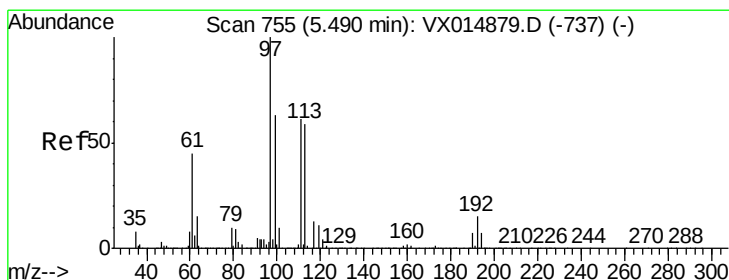
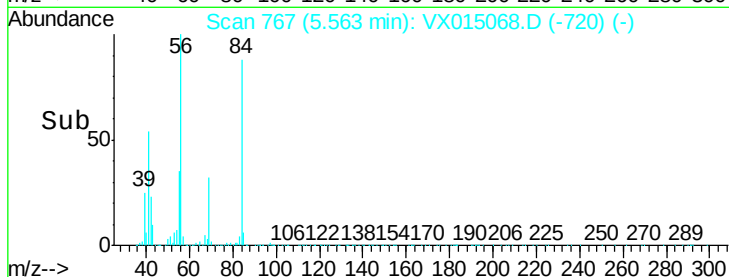
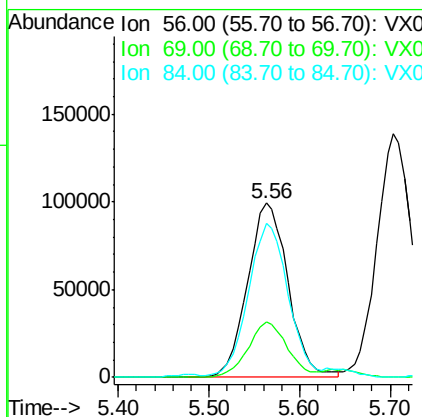
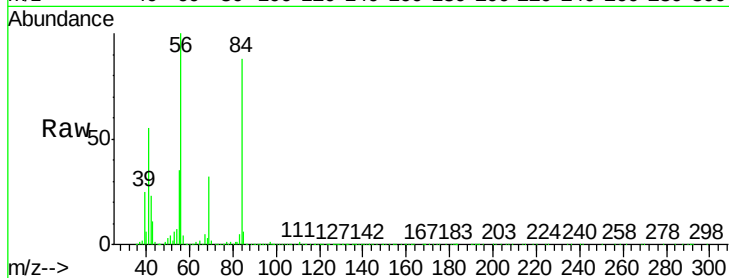




#31
Cyclohexane
Concen: 46.27 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

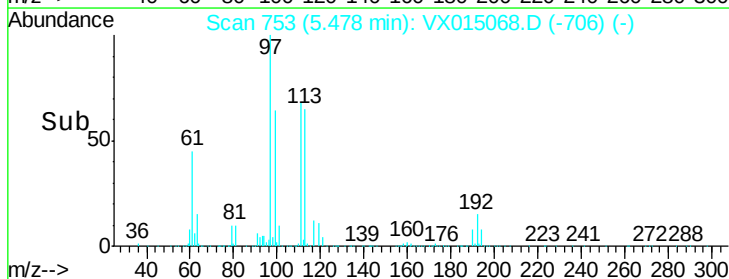
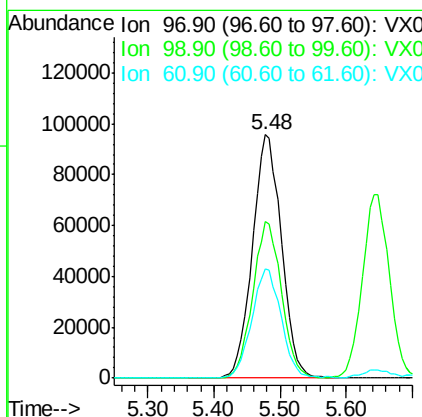
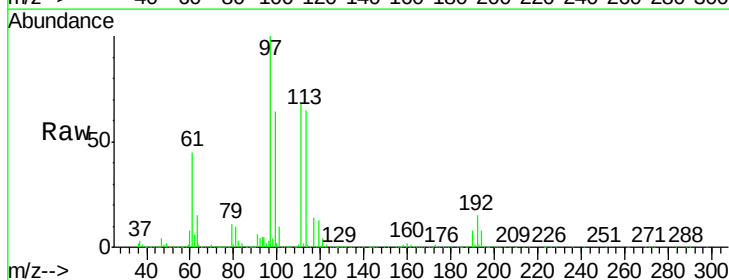
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

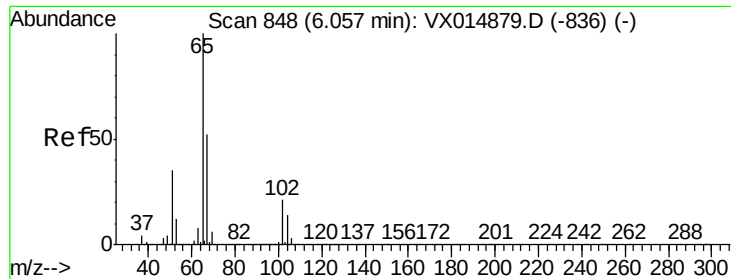
Tgt Ion: 56 Resp: 306666
Ion Ratio Lower Upper
56 100
69 32.0 25.9 38.9
84 86.8 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 46.31 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 97 Resp: 292438
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 45.4 36.3 54.5

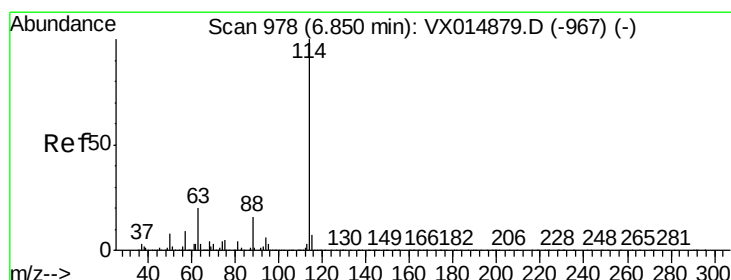
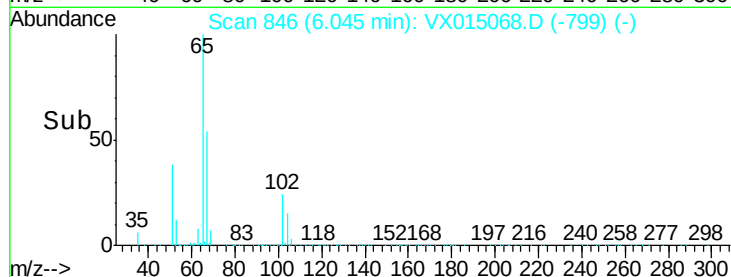
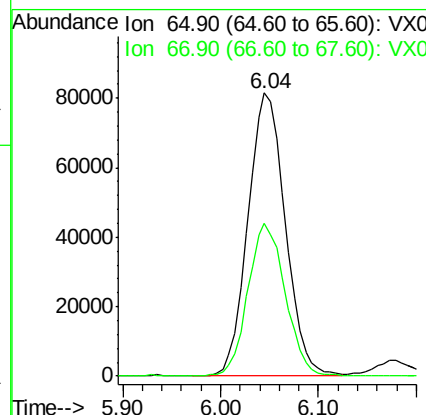
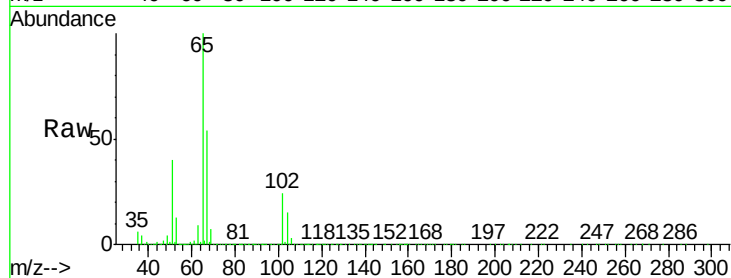




#33
 1,2-Dichloroethane-d4
 Concen: 45.82 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

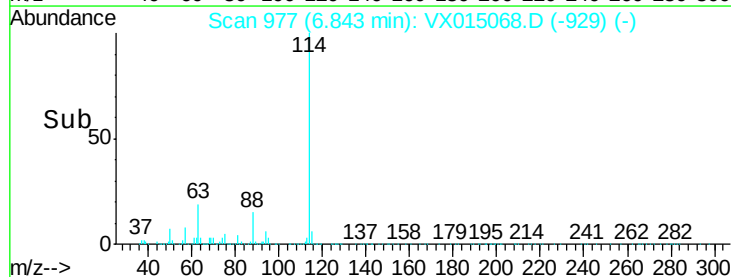
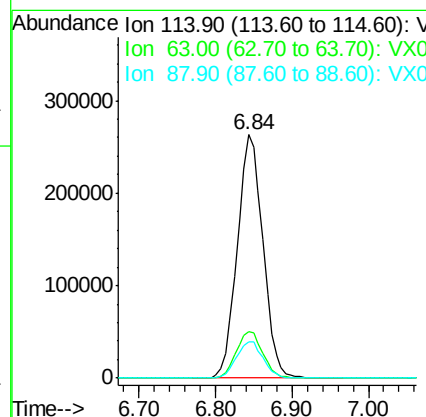
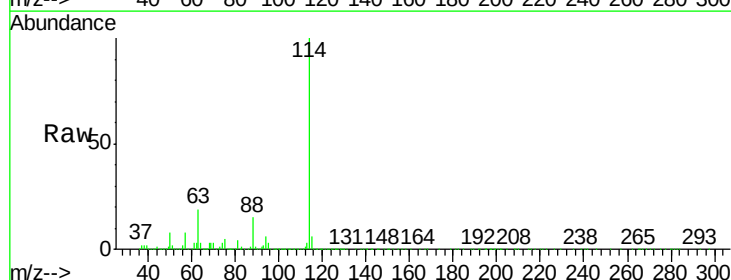
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

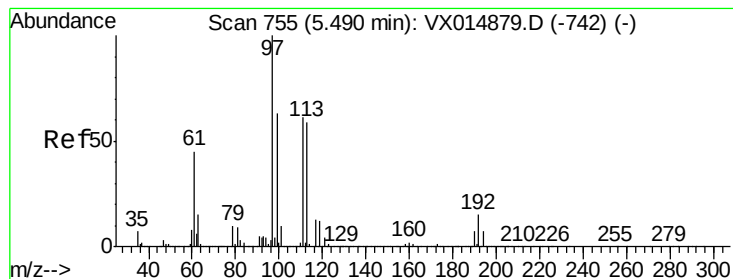
Tgt Ion: 65 Resp: 214794
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion: 114 Resp: 609702
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 14.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.89 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

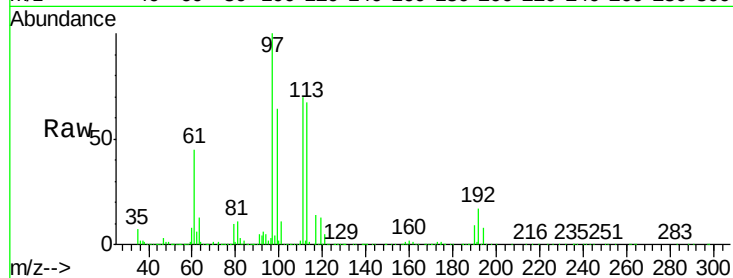
Tgt Ion:113 Resp: 183245

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

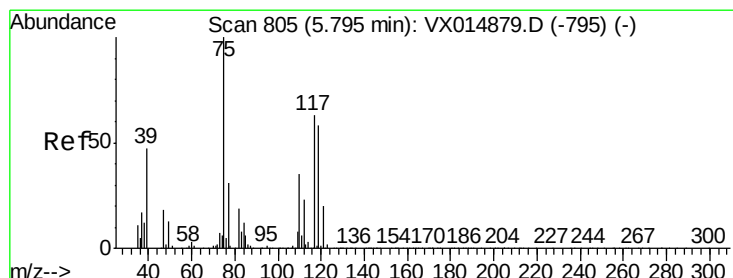
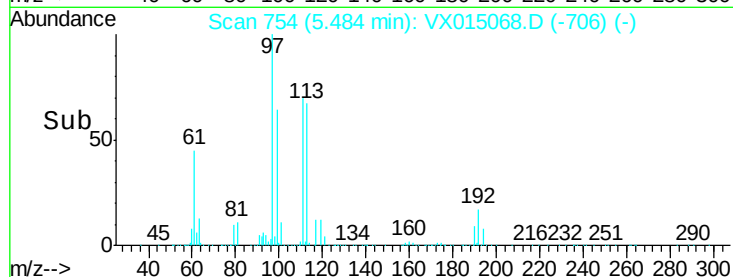
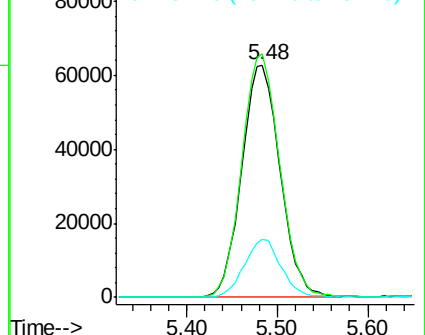
192 24.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.79 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

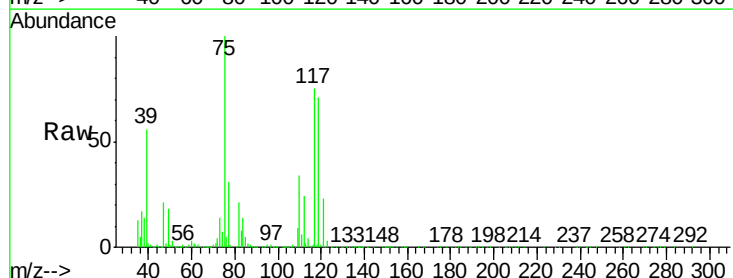
Tgt Ion: 75 Resp: 255215

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.8

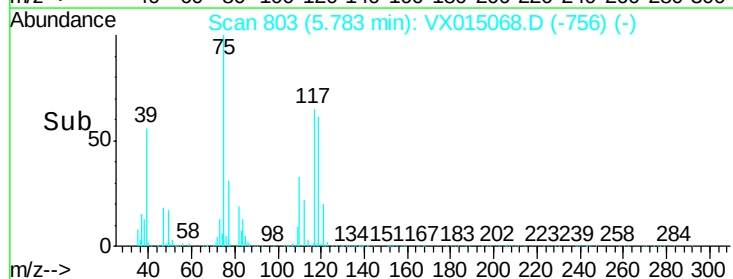
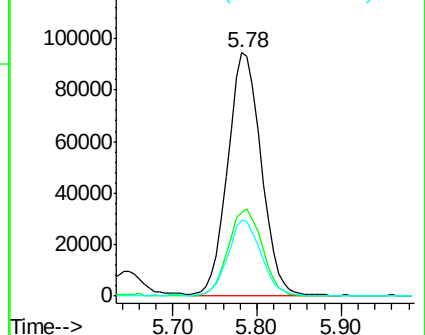
77 31.0 24.6 36.8

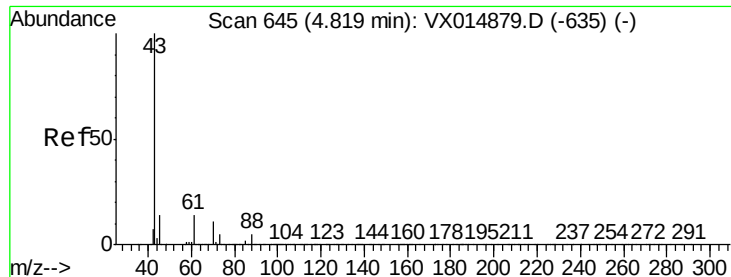


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

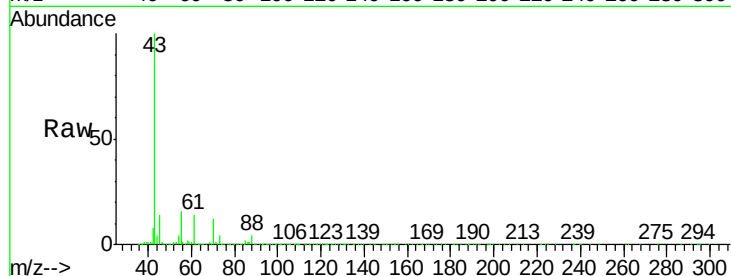




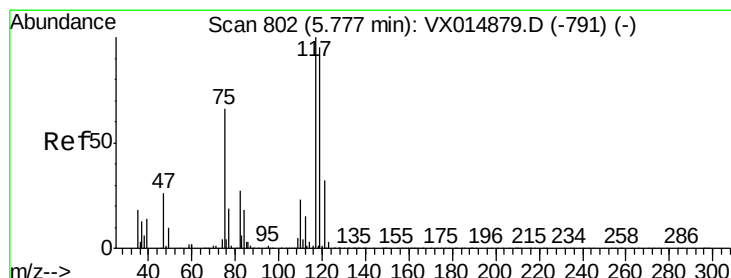
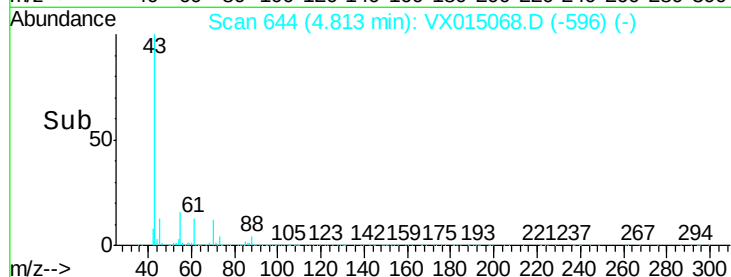
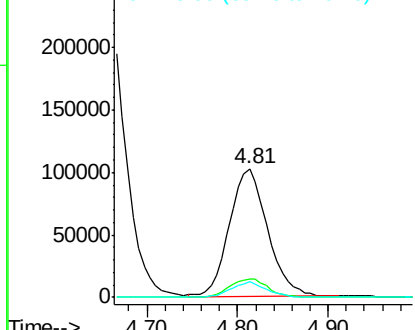
#37
Ethyl Acetate
Concen: 52.32 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 297594
Ion Ratio Lower Upper
43 100
61 14.1 10.9 16.3
70 11.1 8.7 13.1

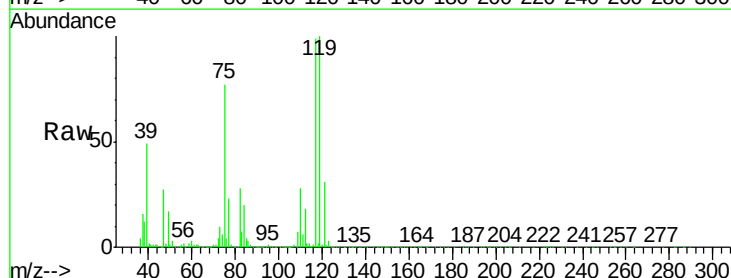


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

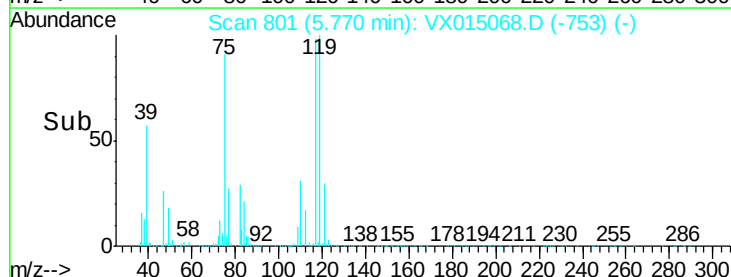
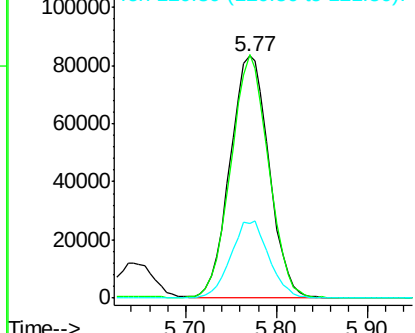


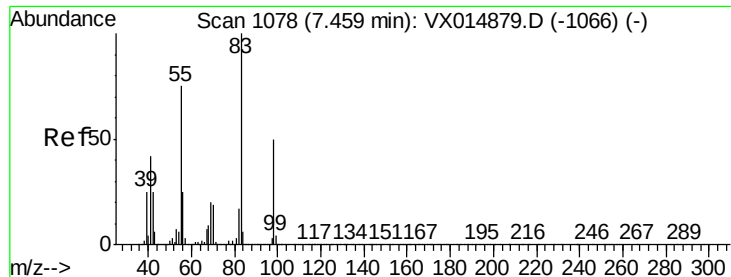
#38
Carbon Tetrachloride
Concen: 46.40 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 117 Resp: 246598
Ion Ratio Lower Upper
117 100
119 100.6 76.0 114.0
121 30.8 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

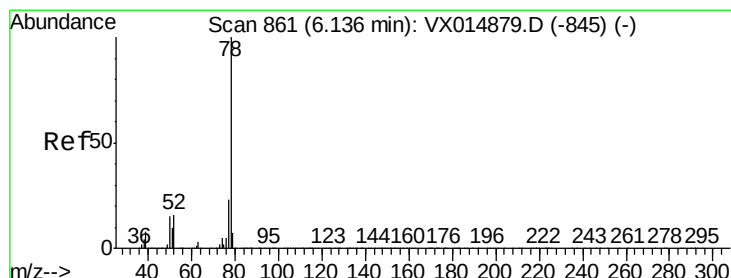
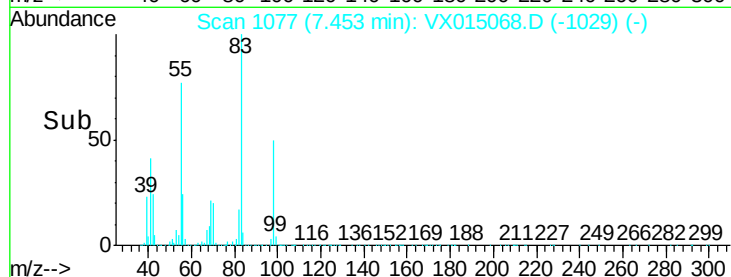
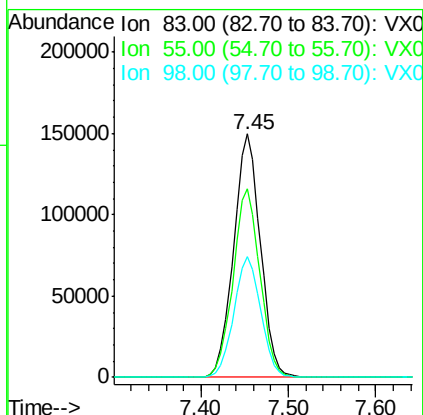
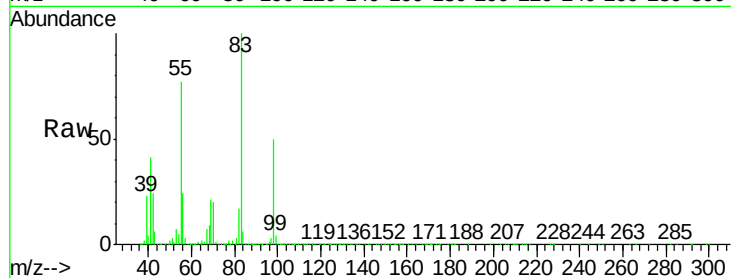




#39
Methylcyclohexane
Concen: 46.61 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

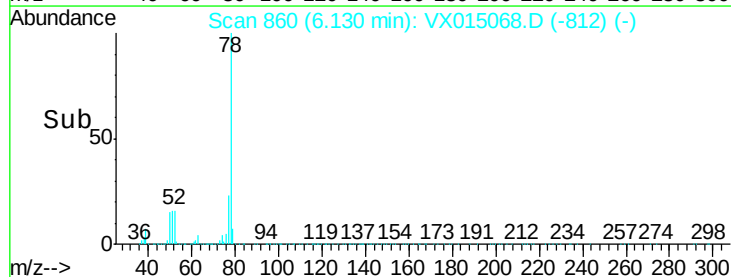
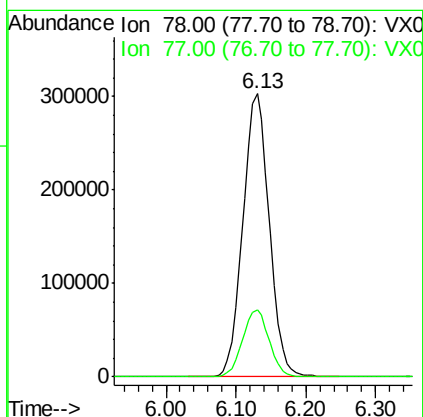
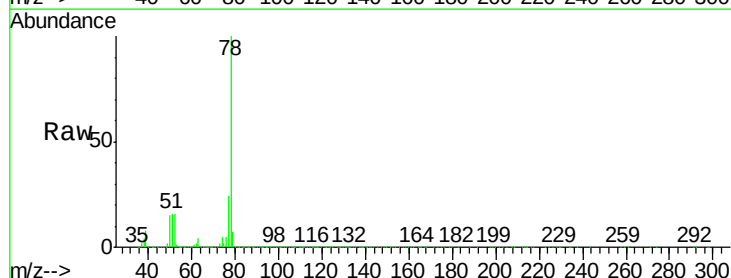
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

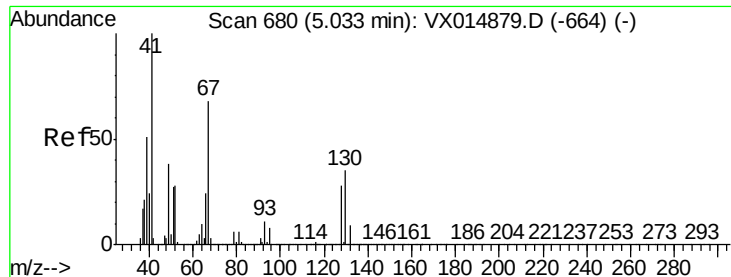
Tgt Ion: 83 Resp: 317914
Ion Ratio Lower Upper
83 100
55 77.2 60.0 90.0
98 49.6 39.6 59.4



#40
Benzene
Concen: 48.63 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 78 Resp: 792370
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

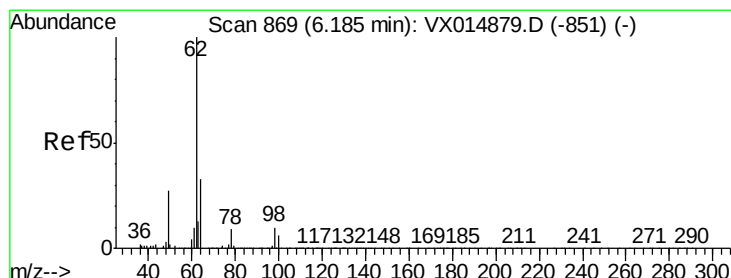
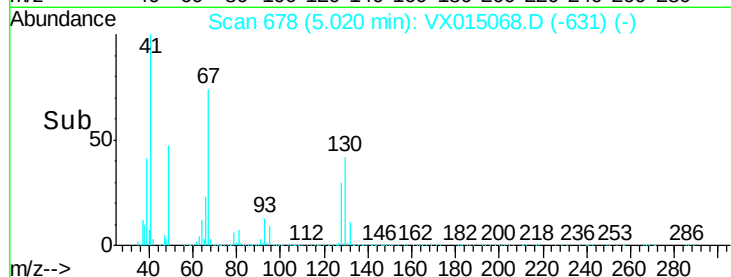
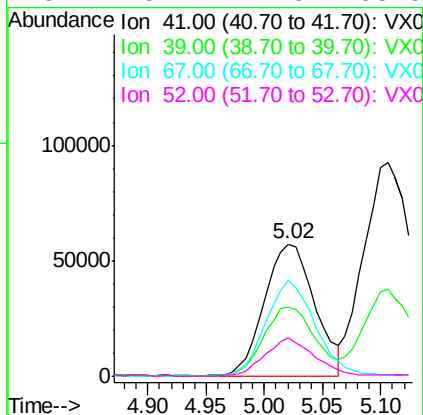
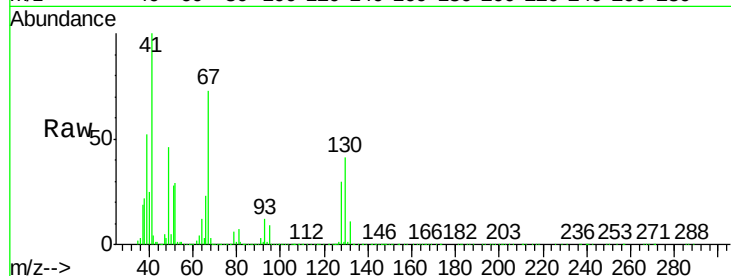




#41
Methacrylonitrile
Concen: 55.76 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

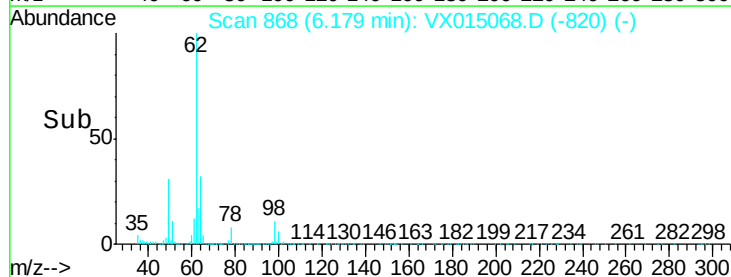
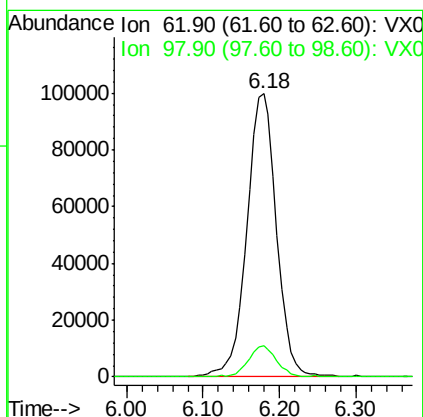
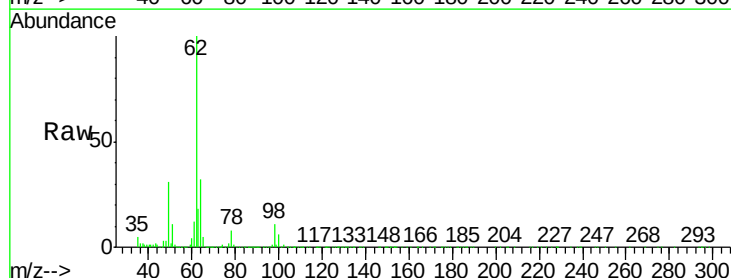
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

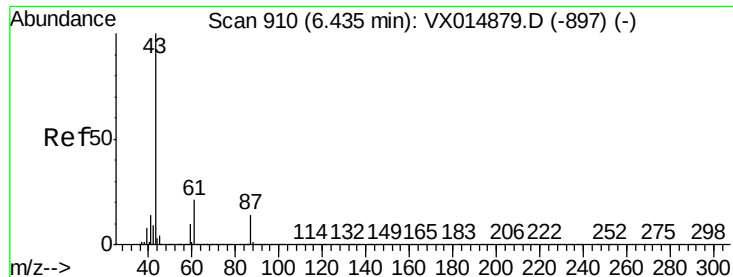
Tgt Ion:	41	Resp:	170882
Ion	Ratio	Lower	Upper
41	100		
39	53.1	44.7	67.1
67	71.5	56.6	84.8
52	28.2	22.3	33.5



#42
1,2-Dichloroethane
Concen: 45.54 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion:	62	Resp:	268210
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 53.38 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

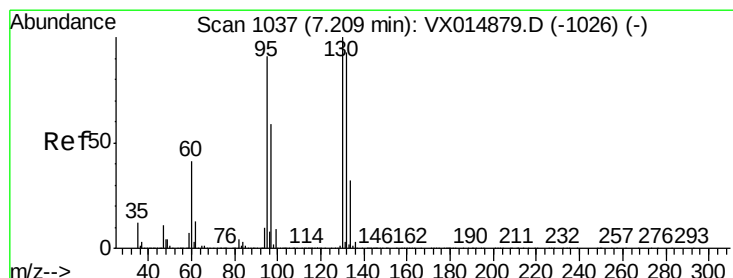
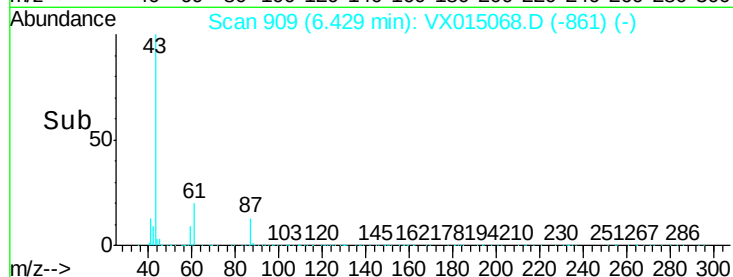
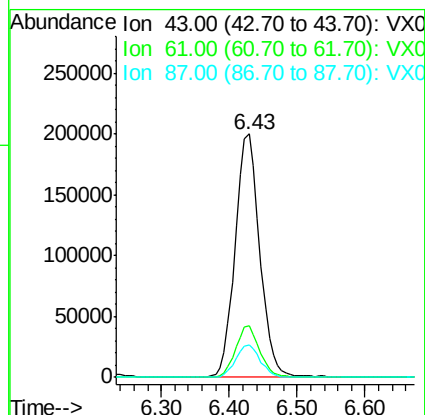
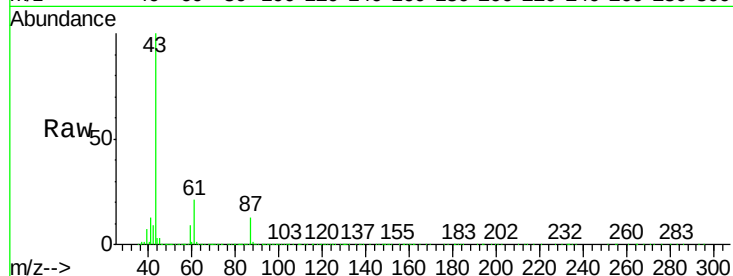
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	500947
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.4
87	13.1	11.0	16.6



#44

Trichloroethene

Concen: 45.81 ug/l

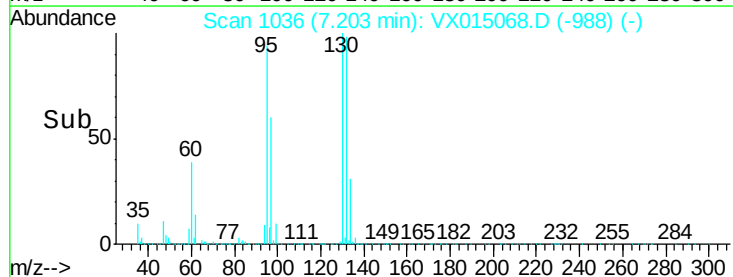
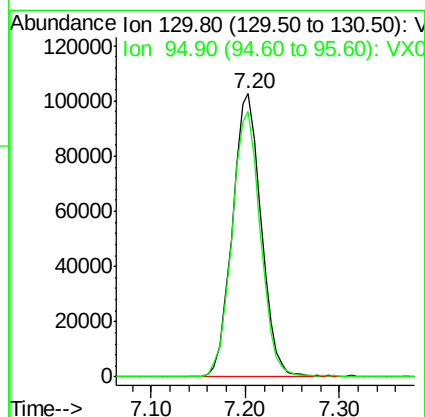
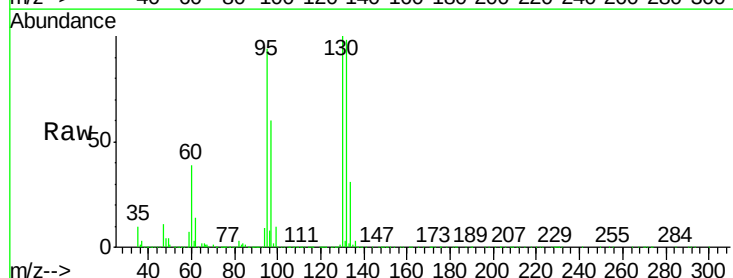
RT: 7.20 min Scan# 1036

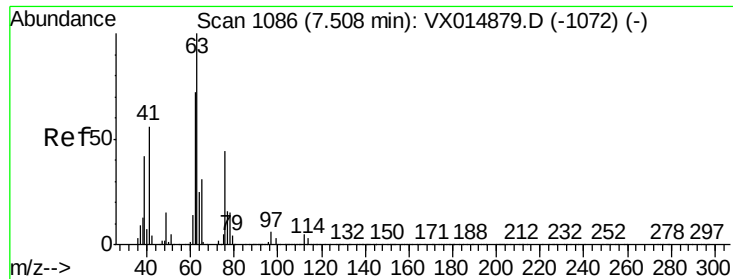
Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion:	130	Resp:	216719
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	182.6

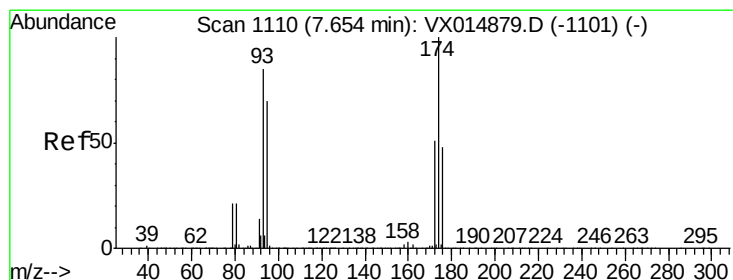
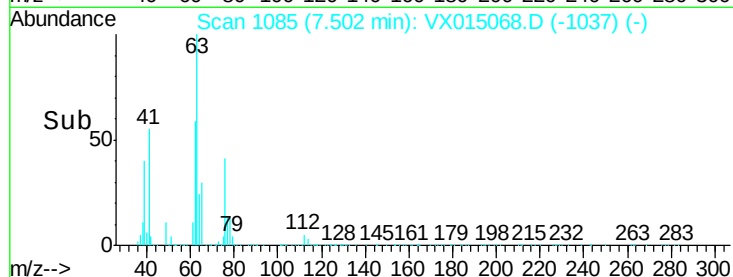
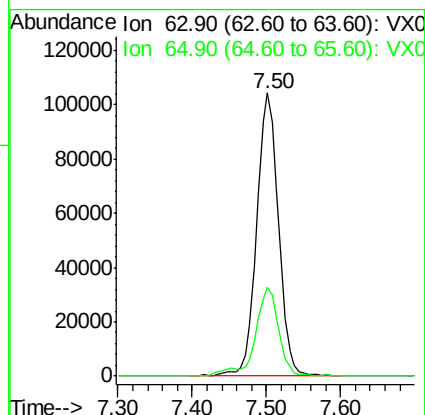
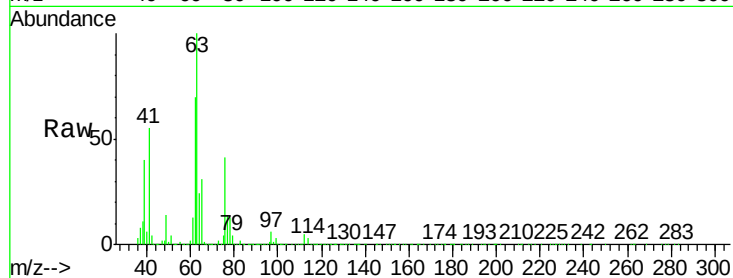




#45
 1,2-Dichloropropane
 Concen: 51.50 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

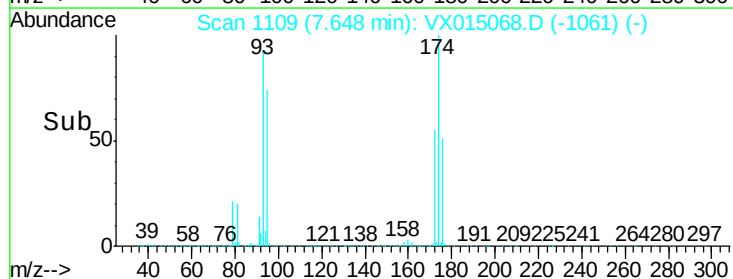
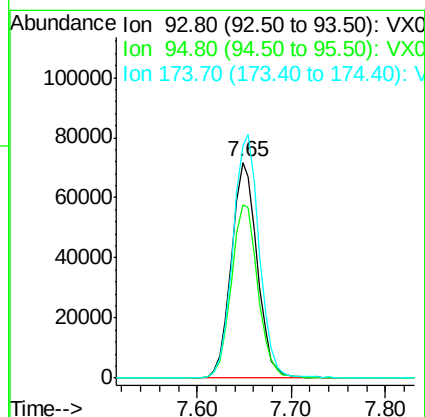
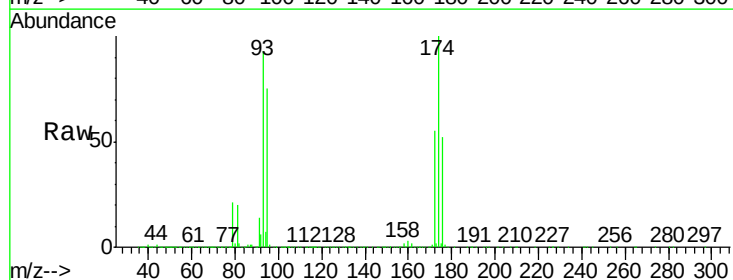
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

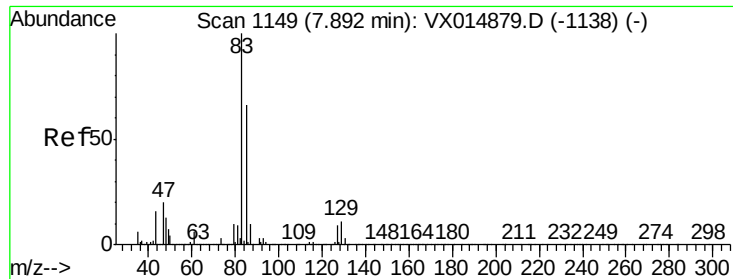
Tgt Ion: 63 Resp: 214019
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 47.87 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion: 93 Resp: 135981
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 115.2 95.4 143.2

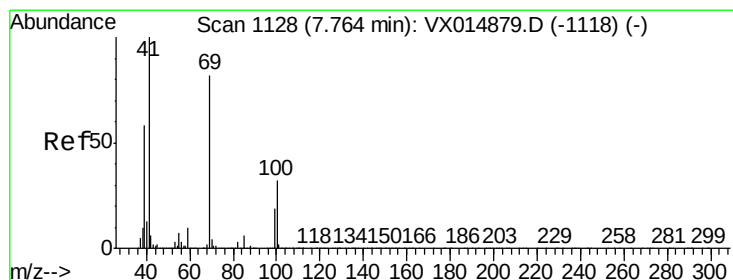
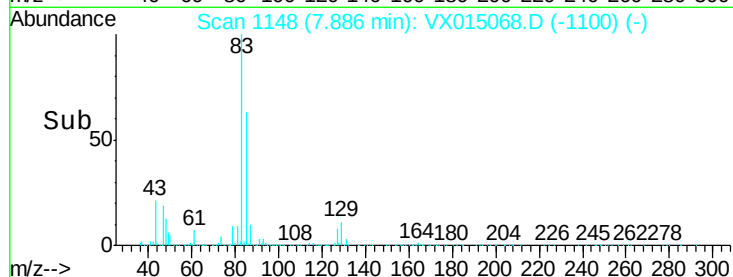
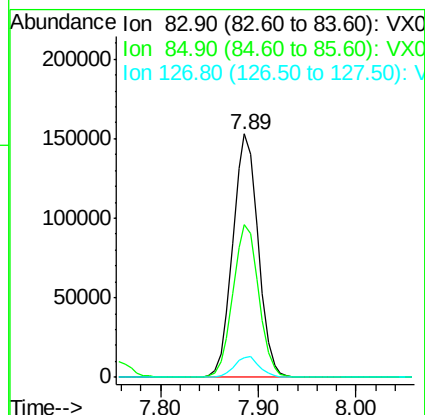
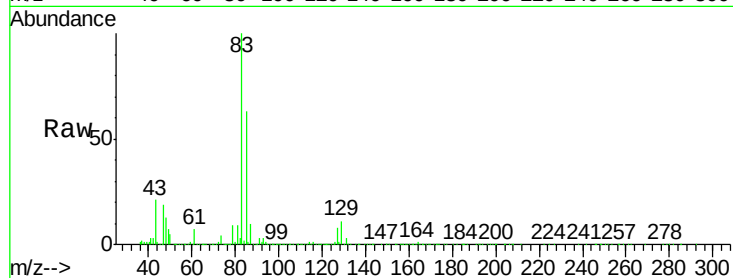




#47
Bromodichloromethane
Concen: 48.70 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

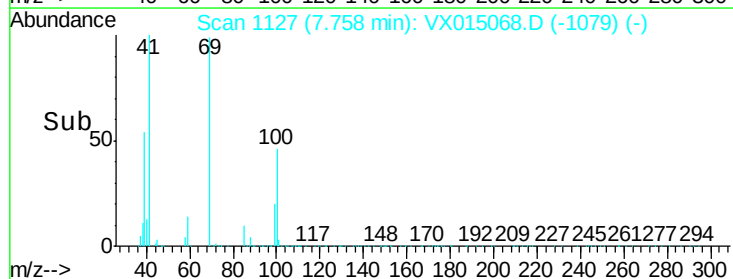
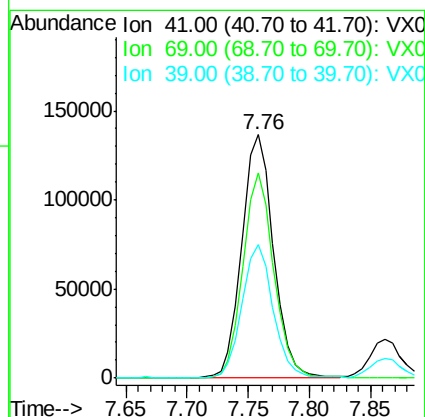
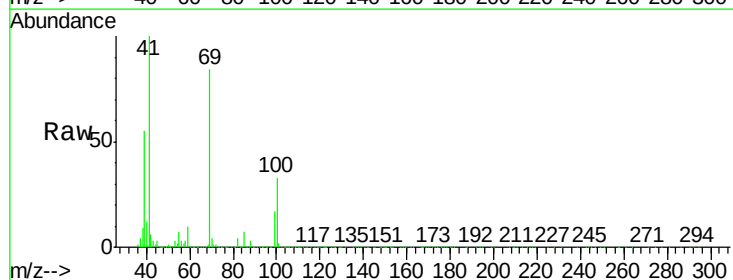
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

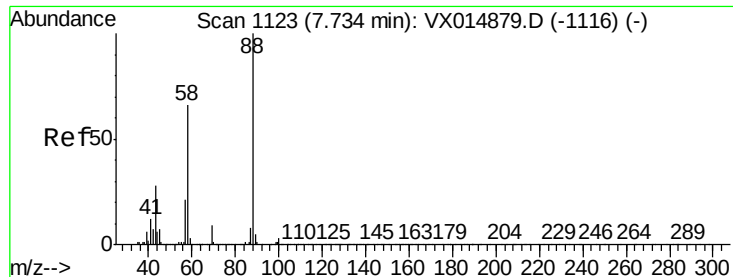
Tgt Ion: 83 Resp: 274291
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 52.99 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 41 Resp: 244733
Ion Ratio Lower Upper
41 100
69 82.6 65.7 98.5
39 53.9 45.8 68.8

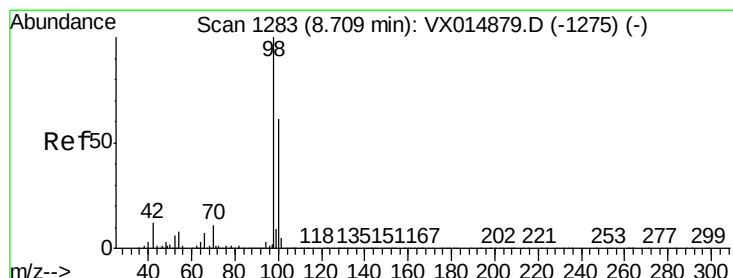
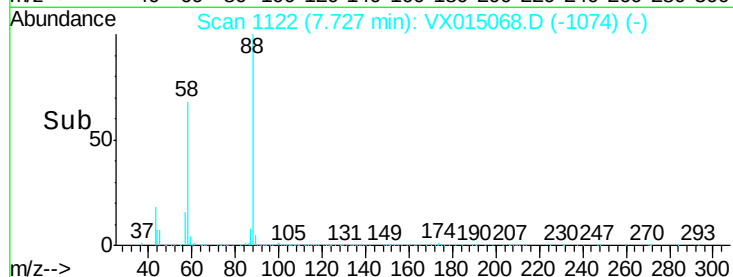
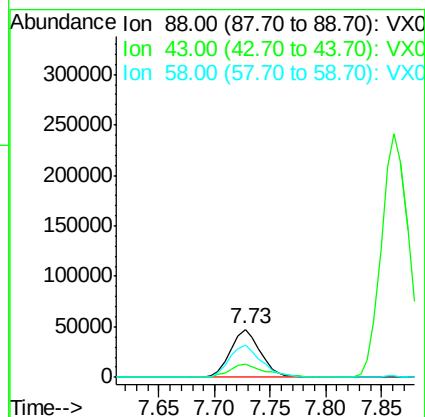
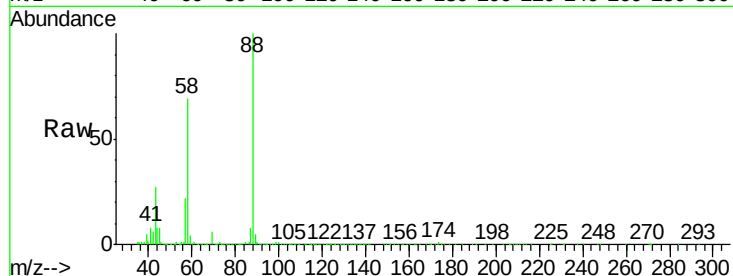




#49
1,4-Dioxane
Concen: 1021.93 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

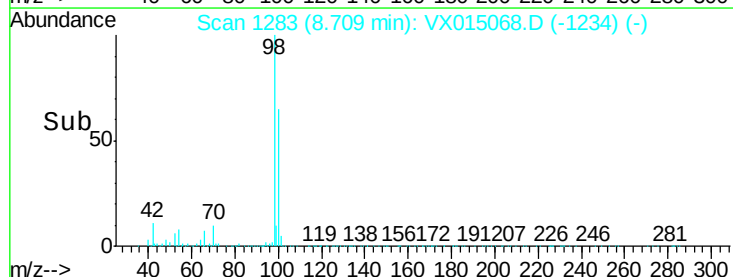
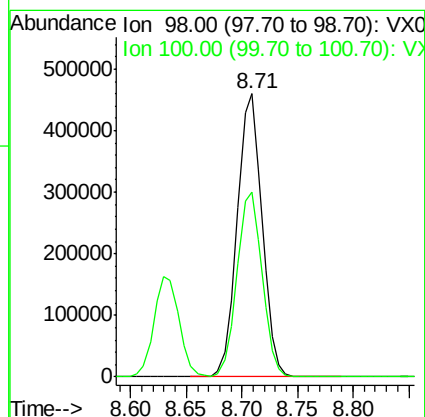
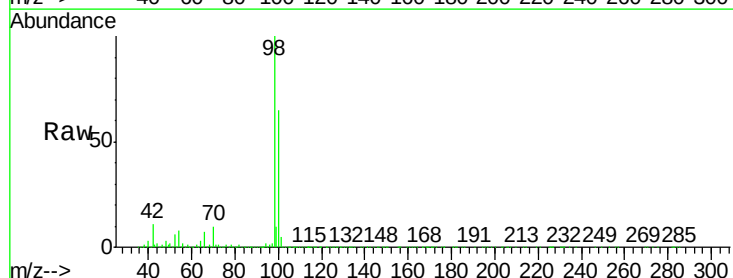
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

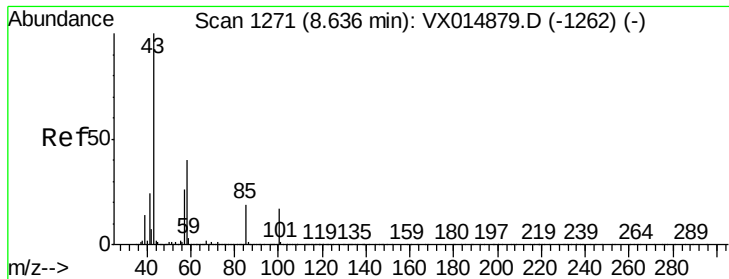
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	71.6	53.2	79.8



#50
Toluene-d8
Concen: 49.67 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 276.39 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

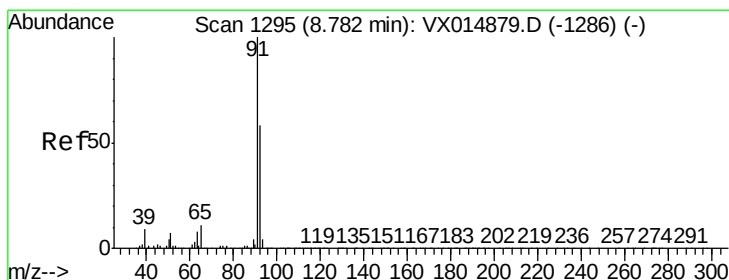
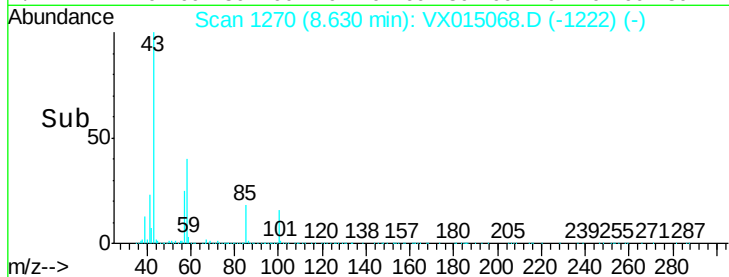
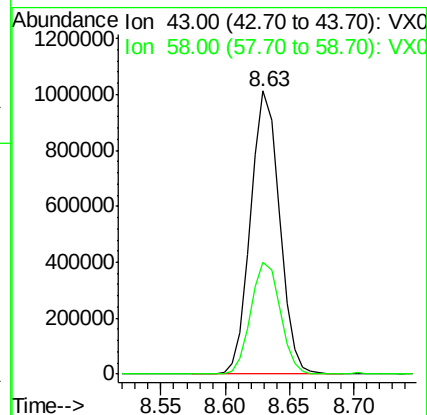
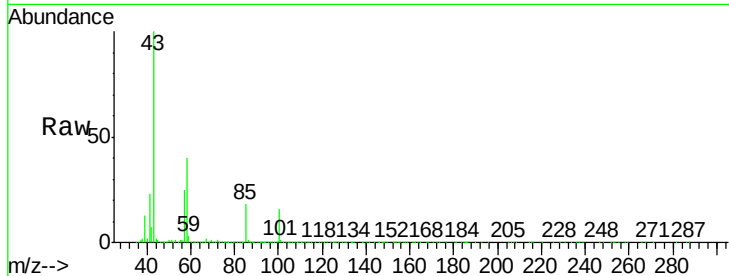
VSTDCCC050EC

Tgt Ion: 43 Resp: 1566073

Ion Ratio Lower Upper

43 100

58 40.2 31.9 47.9



#52

Toluene

Concen: 48.69 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015068.D

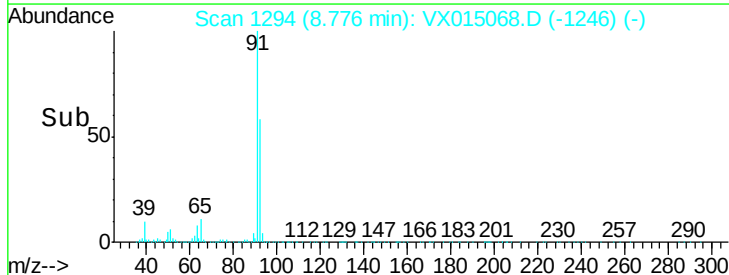
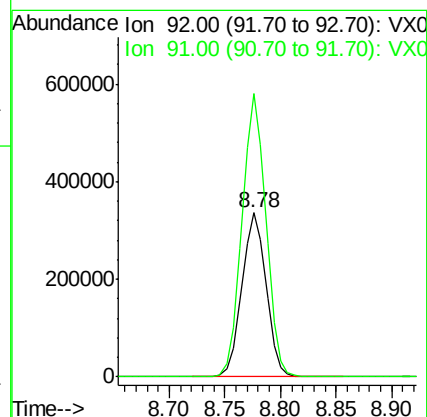
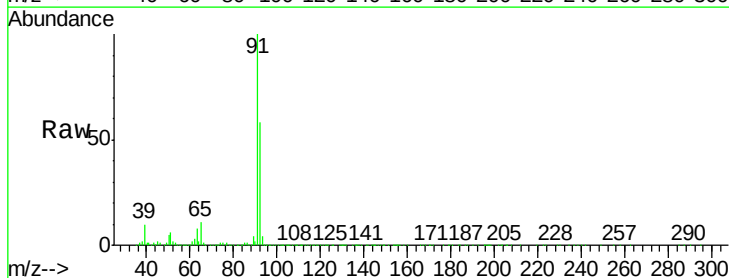
Acq: 02 Mar 2020 15:52

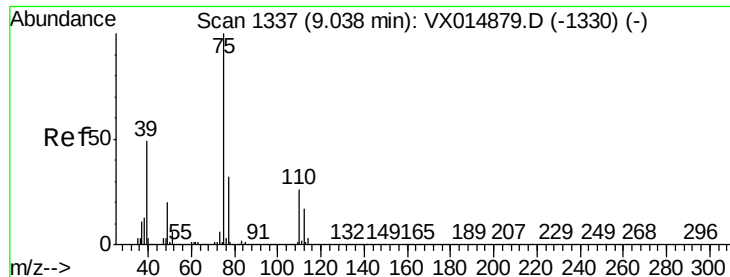
Tgt Ion: 92 Resp: 503914

Ion Ratio Lower Upper

92 100

91 170.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 50.38 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

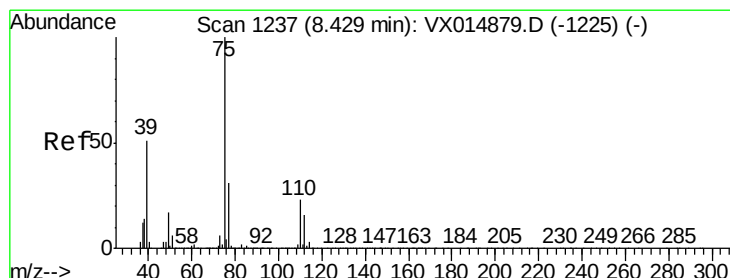
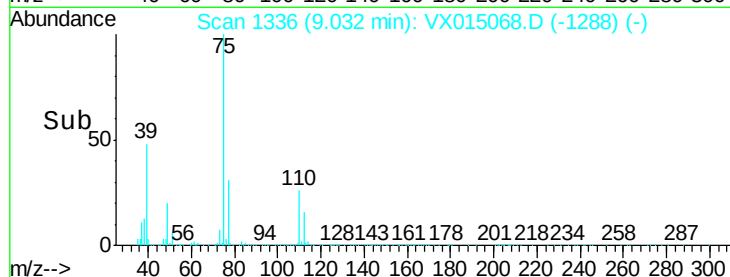
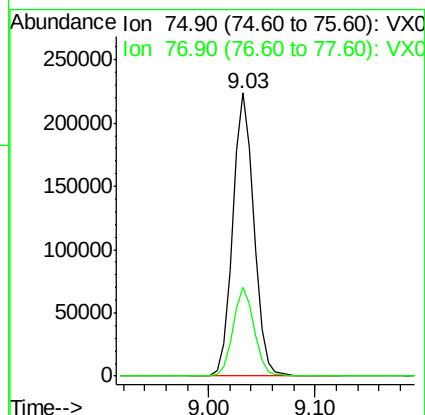
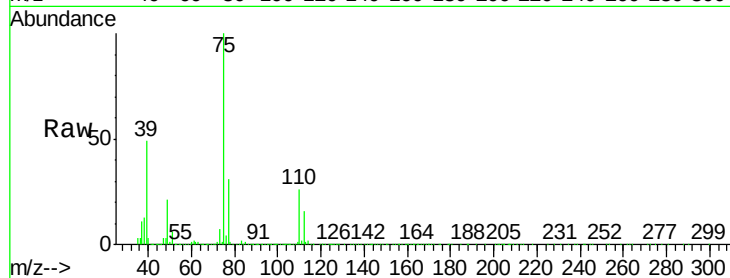
VSTDCCC050EC

Tgt Ion: 75 Resp: 311024

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.86 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

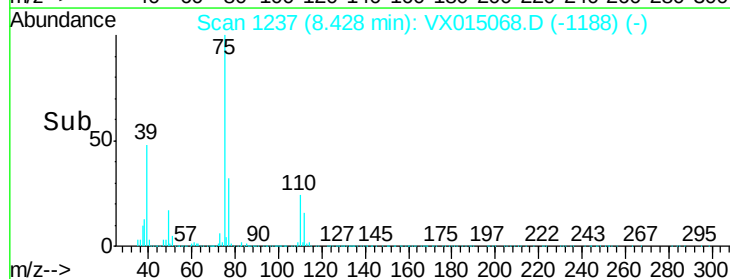
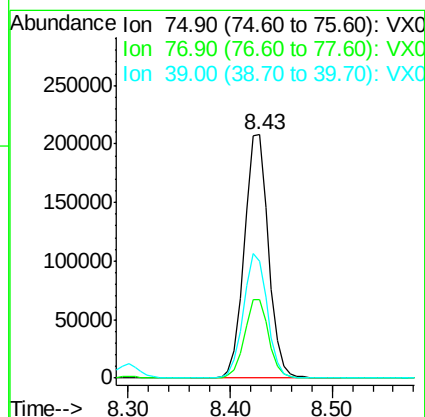
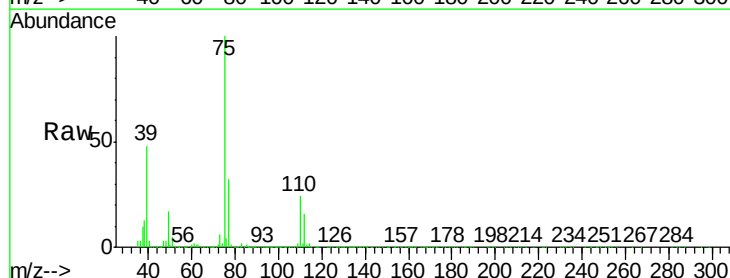
Tgt Ion: 75 Resp: 340034

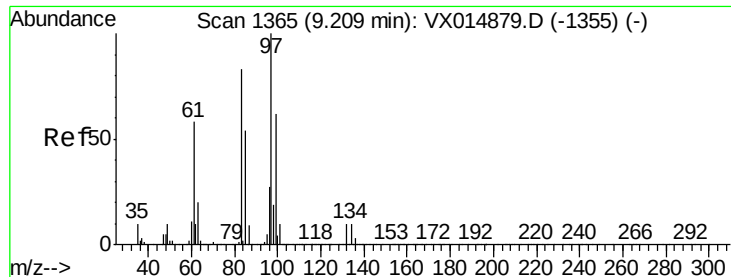
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 47.7 40.9 61.3

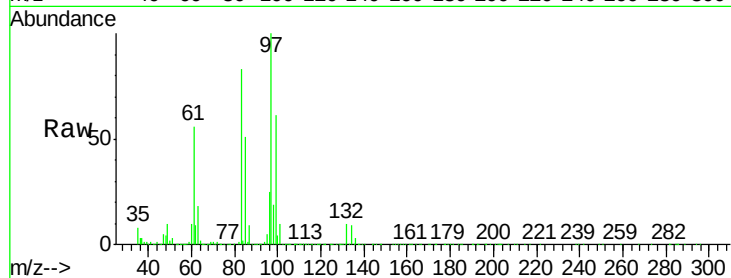




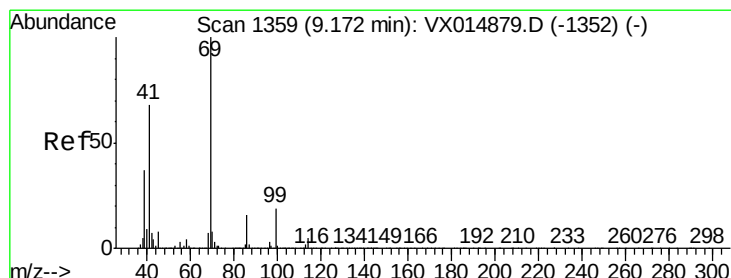
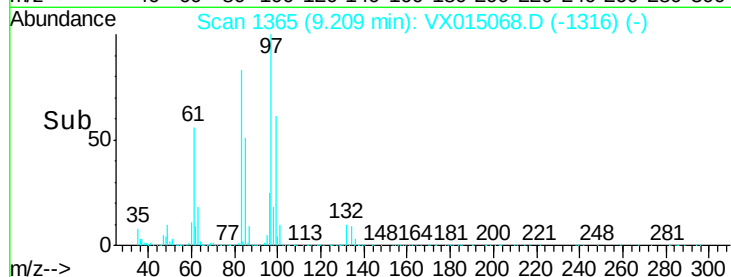
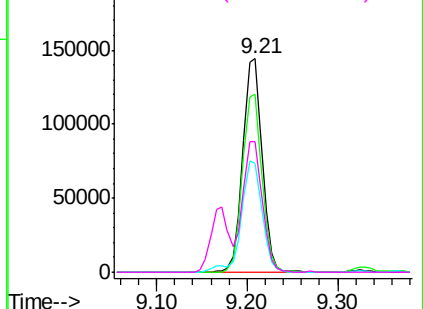
#55
 1,1,2-Trichloroethane
 Concen: 51.10 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	213976
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.6	99.8
85	51.0	43.5	65.3
99	60.9	49.6	74.4

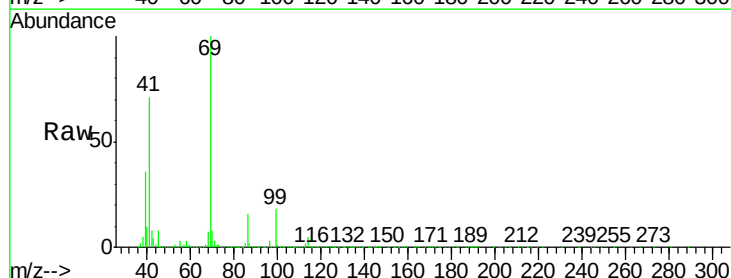


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

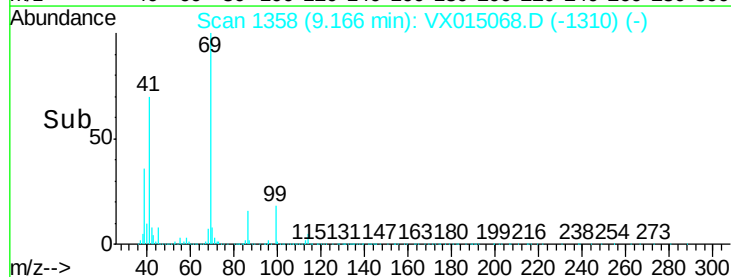
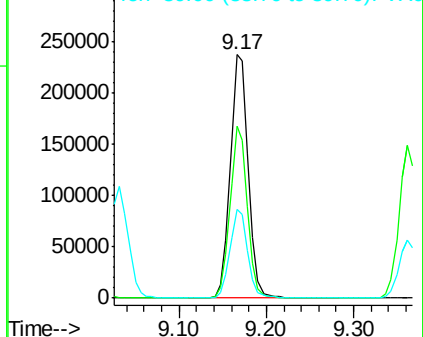


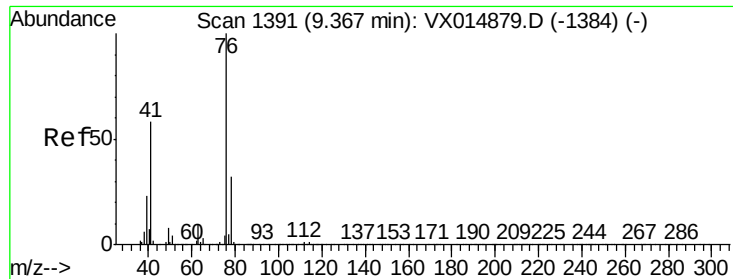
#56
 Ethyl methacrylate
 Concen: 53.97 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion:	69	Resp:	339694
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.8	82.2
39	35.5	29.9	44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.88 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

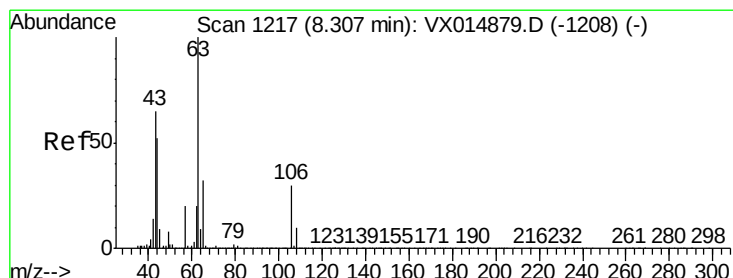
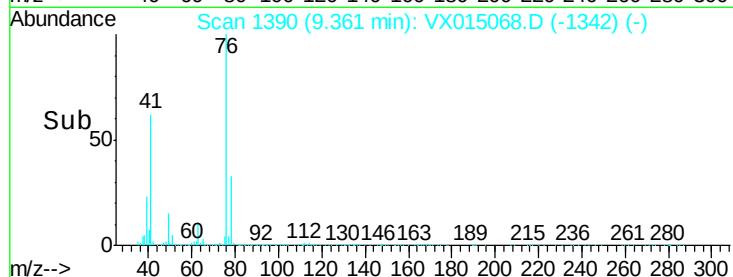
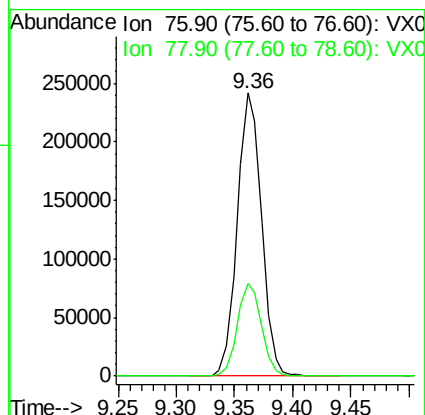
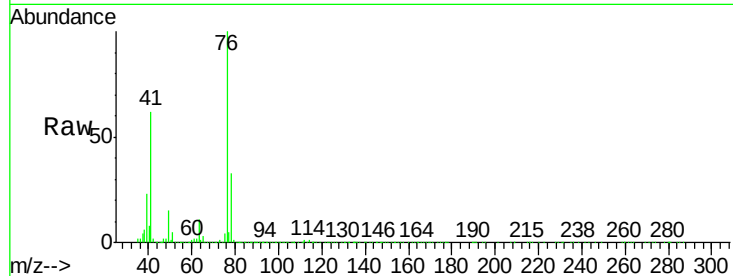
VSTDCCC050EC

Tgt Ion: 76 Resp: 351614

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 268.64 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015068.D

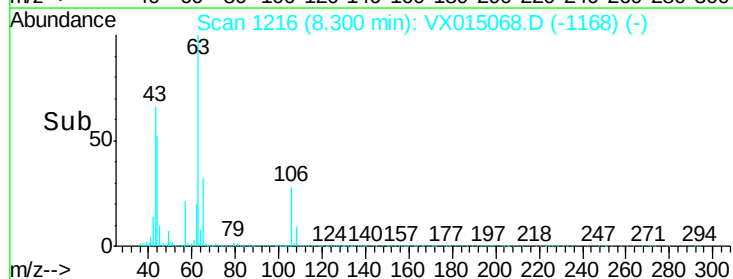
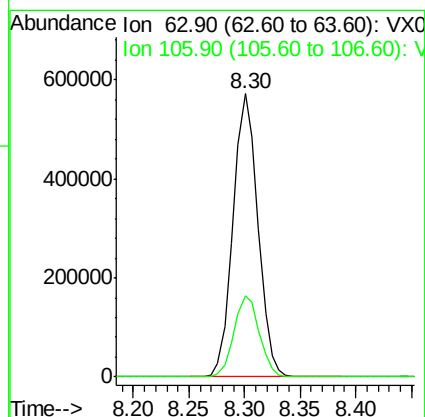
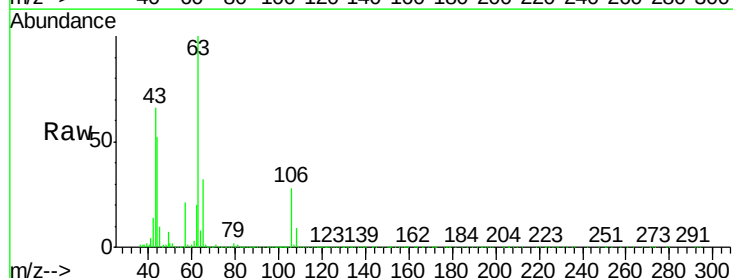
Acq: 02 Mar 2020 15:52

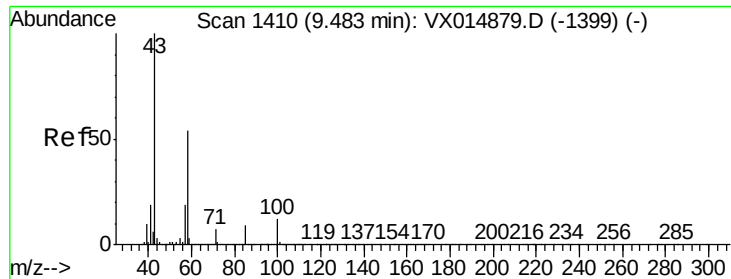
Tgt Ion: 63 Resp: 884283

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8

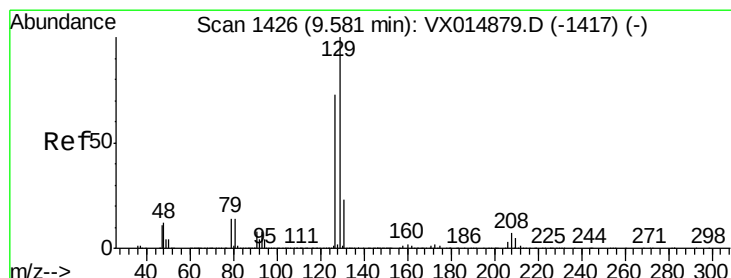
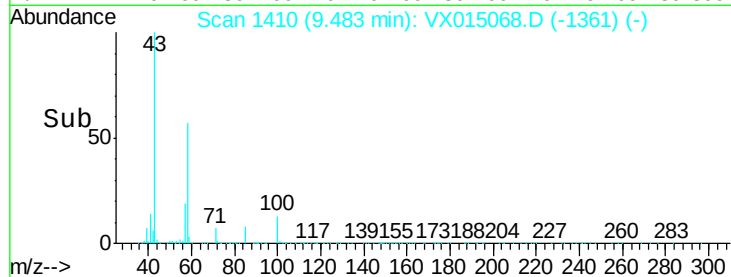
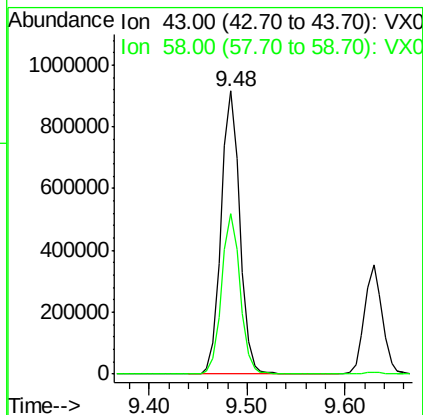
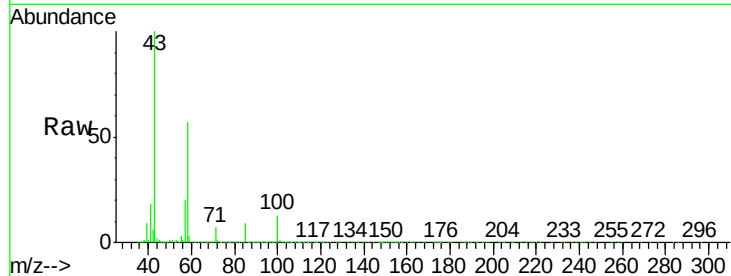




#59
2-Hexanone
Concen: 273.04 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

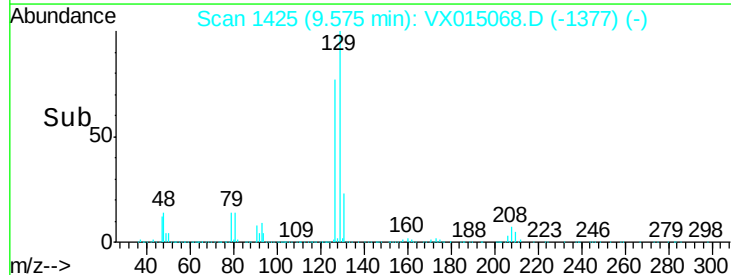
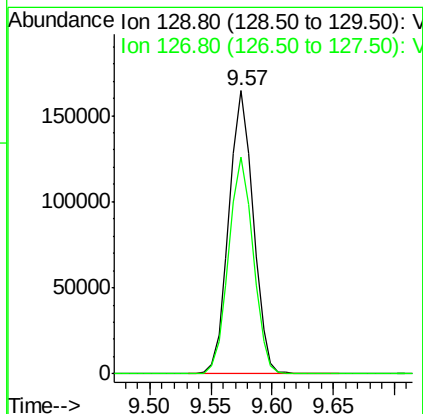
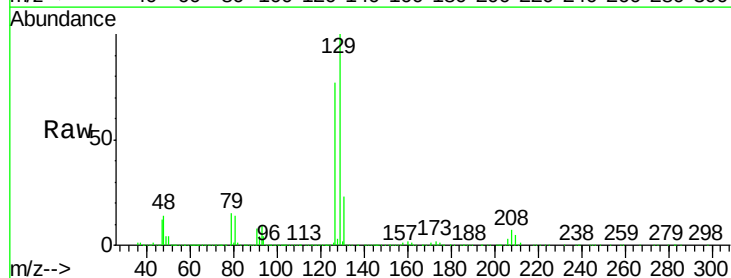
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

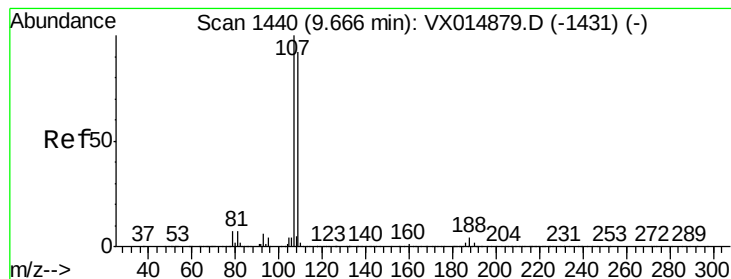
Tgt Ion: 43 Resp: 1216010
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5



#60
Dibromochloromethane
Concen: 50.29 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 129 Resp: 226614
Ion Ratio Lower Upper
129 100
127 76.9 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.57 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

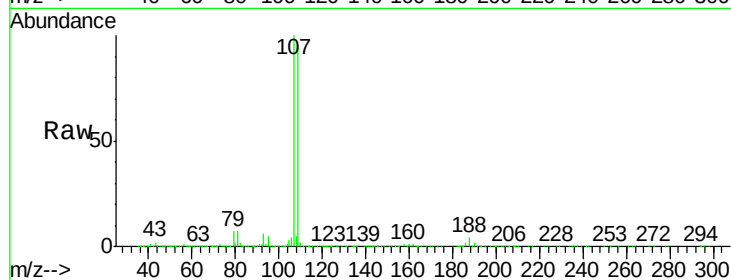
VSTDCCC050EC

Tgt Ion: 107 Resp: 219456

Ion Ratio Lower Upper

107 100

109 93.2 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

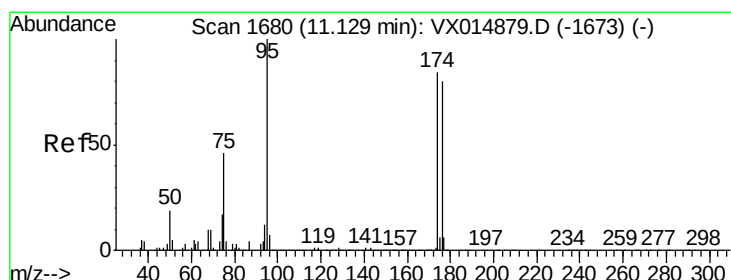
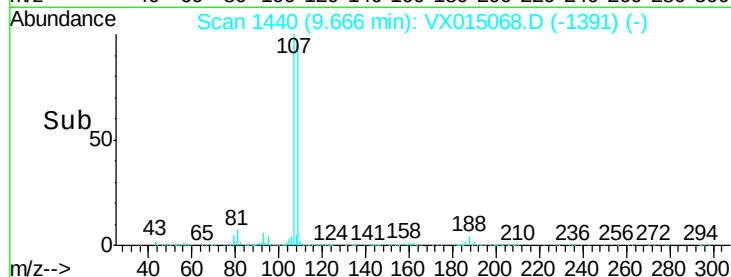
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.08 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

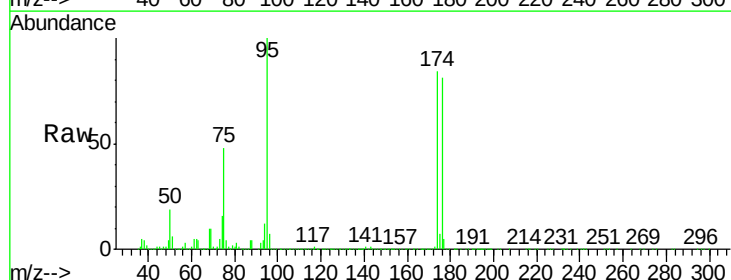
Tgt Ion: 95 Resp: 263253

Ion Ratio Lower Upper

95 100

174 88.8 0.0 183.0

176 85.9 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

250000

200000

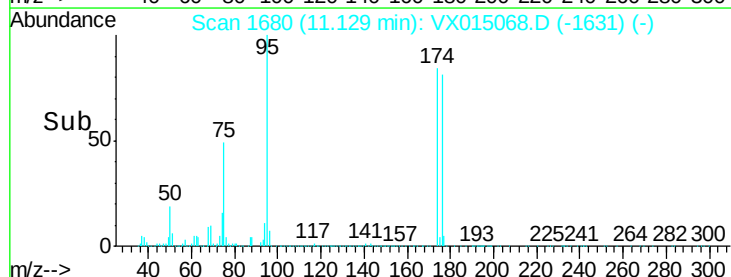
150000

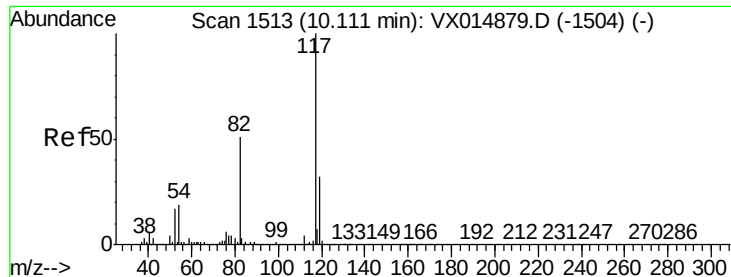
100000

50000

0

Time-->

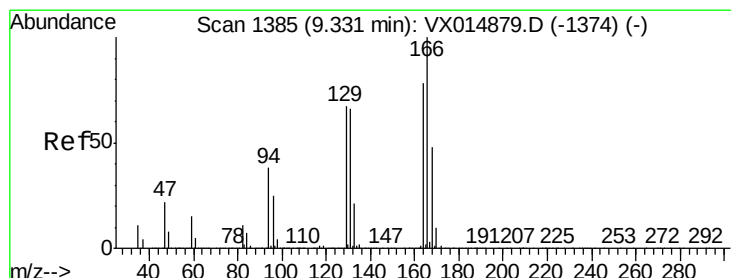
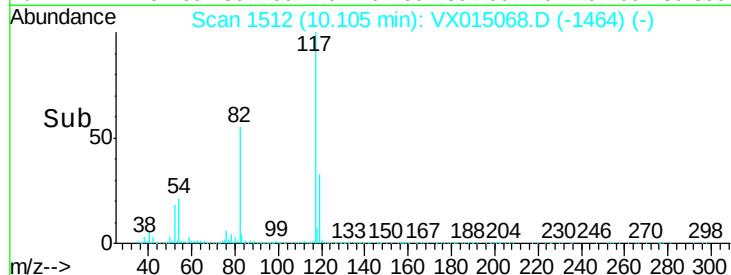
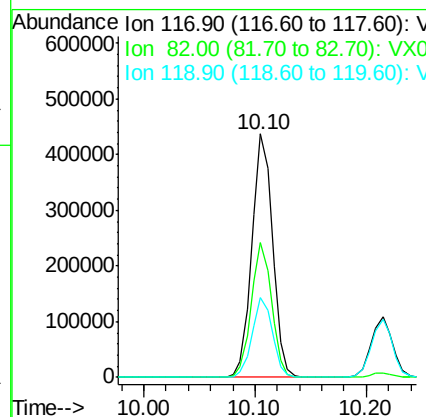
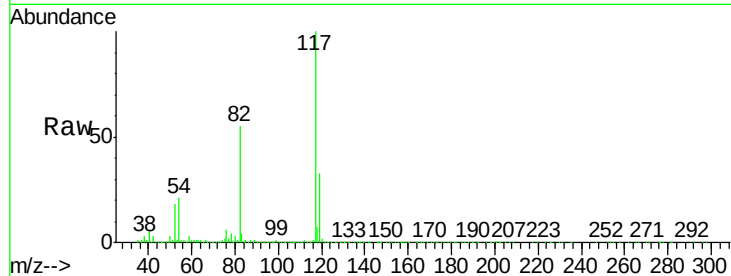




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

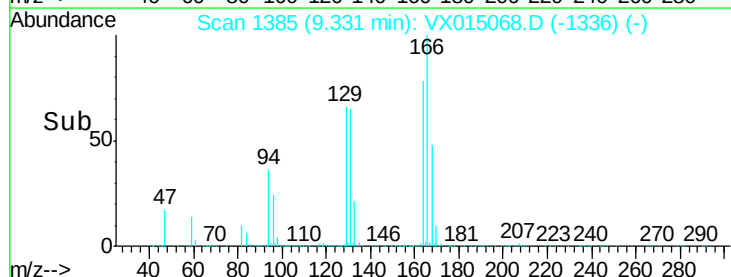
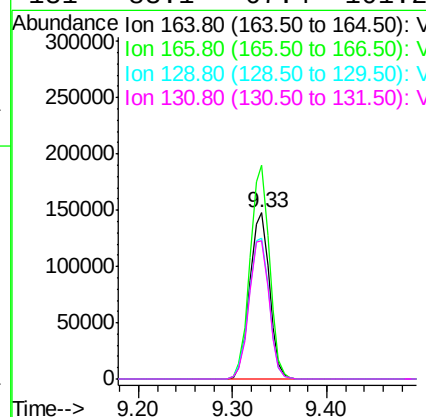
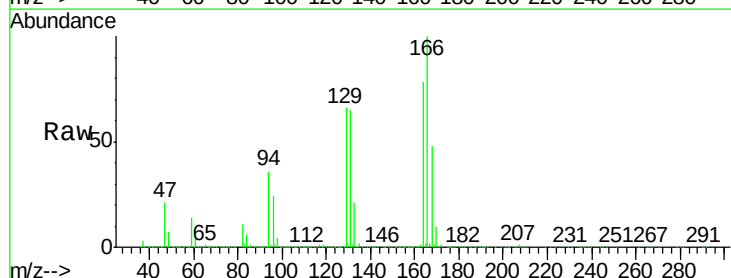
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

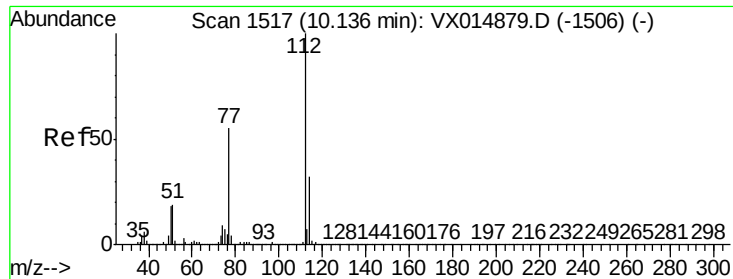
Tgt Ion:117 Resp: 565416
Ion Ratio Lower Upper
117 100
82 55.1 40.5 60.7
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 40.78 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion:164 Resp: 215582
Ion Ratio Lower Upper
164 100
166 128.8 102.6 153.8
129 84.6 68.3 102.5
131 83.1 67.4 101.2

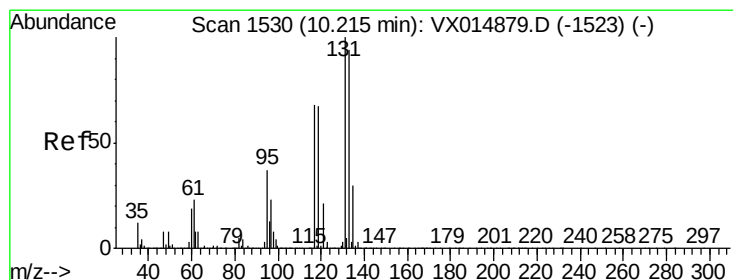
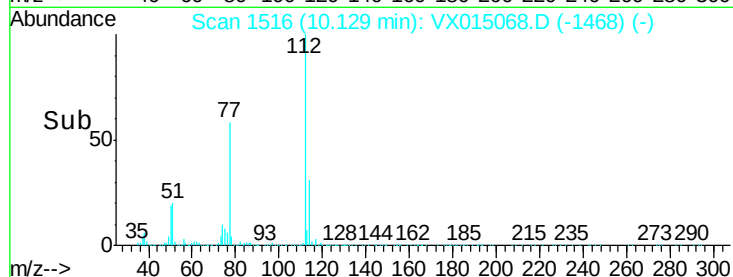
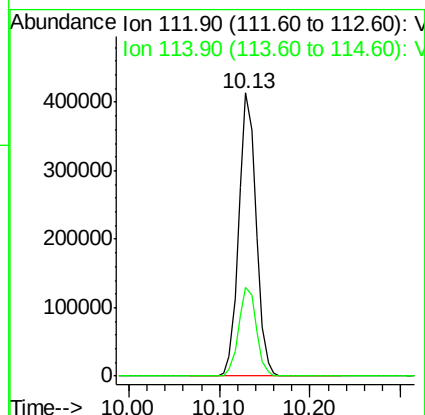
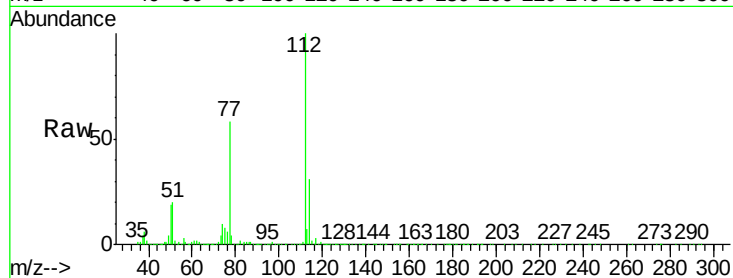




#65
Chlorobenzene
Concen: 47.80 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

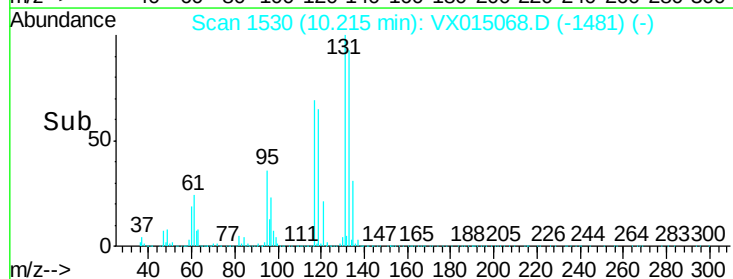
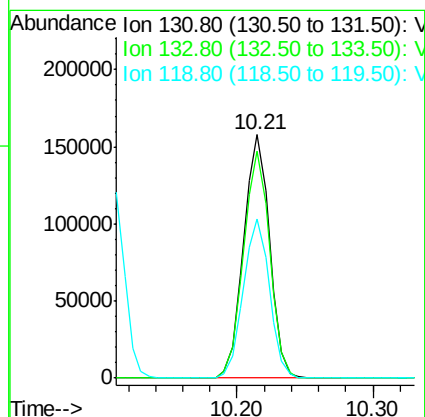
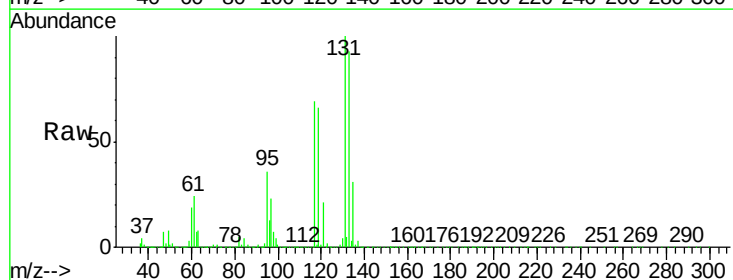
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

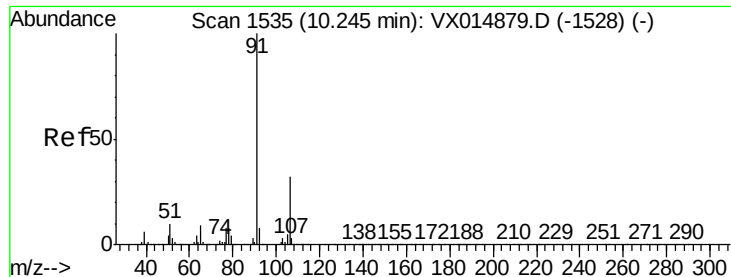
Tgt Ion: 112 Resp: 548204
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.52 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion: 131 Resp: 210347
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 66.0 33.0 99.0





#67

Ethyl Benzene

Concen: 49.62 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

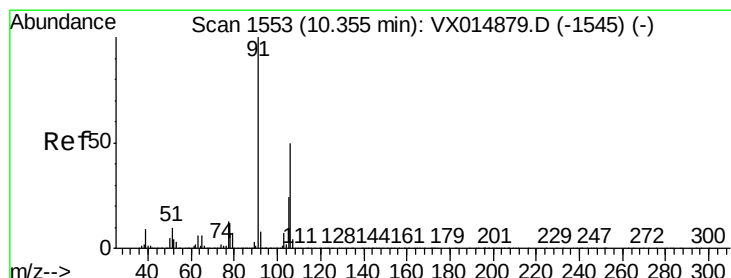
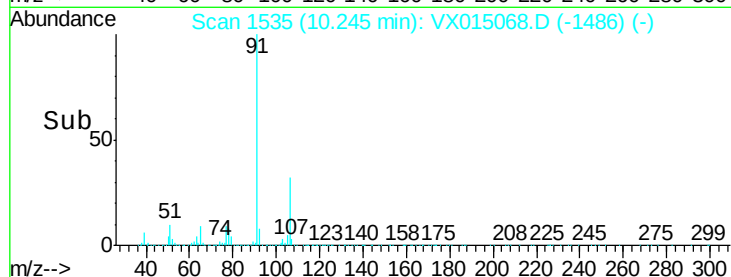
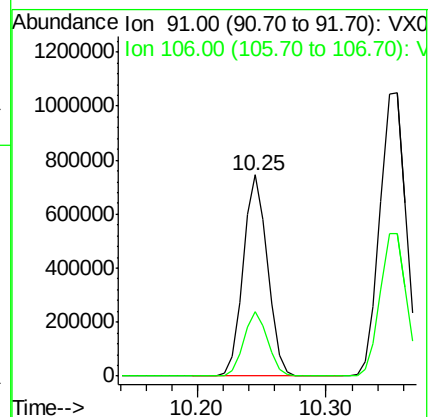
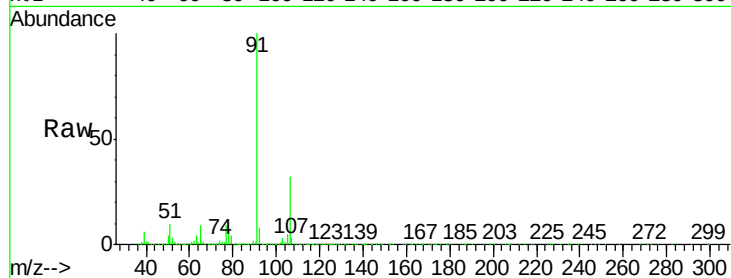
VSTDCCC050EC

Tgt Ion: 91 Resp: 967801

Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9



#68

m/p-Xylenes

Concen: 99.00 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015068.D

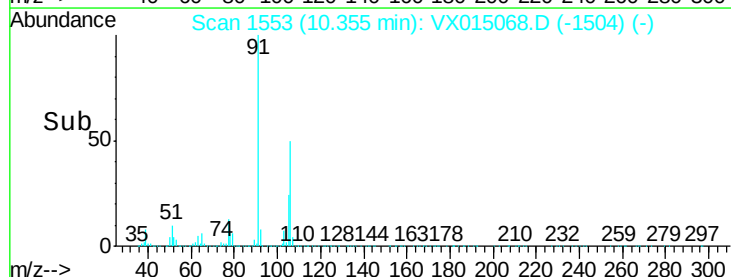
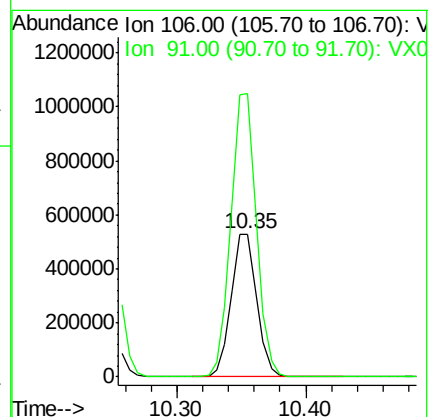
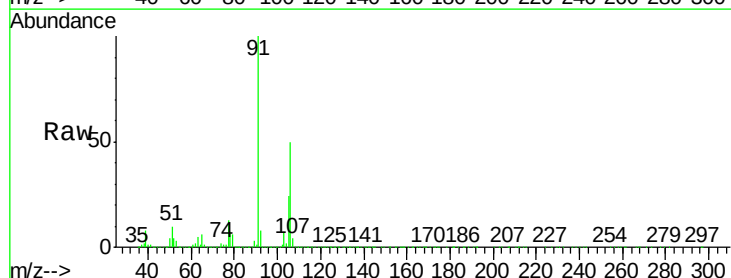
Acq: 02 Mar 2020 15:52

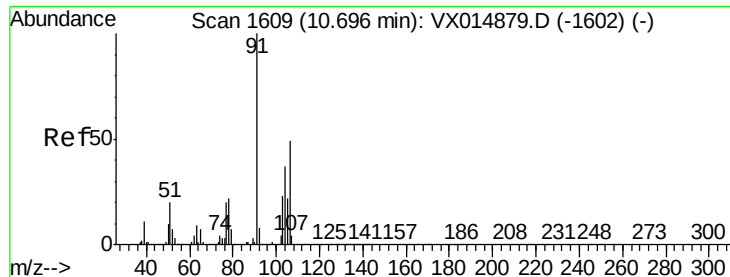
Tgt Ion: 106 Resp: 743829

Ion Ratio Lower Upper

106 100

91 197.7 160.6 240.8

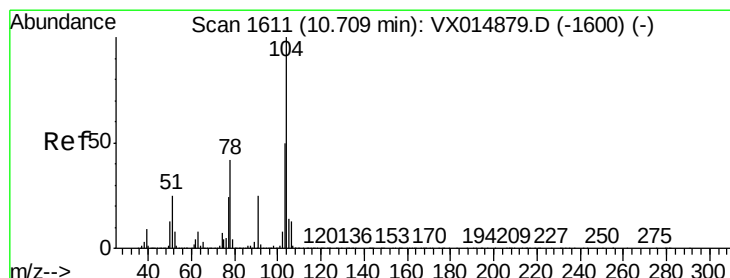
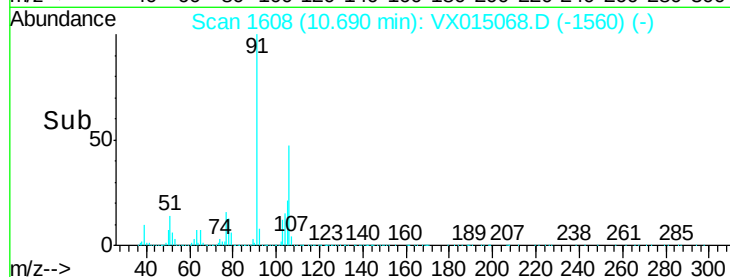
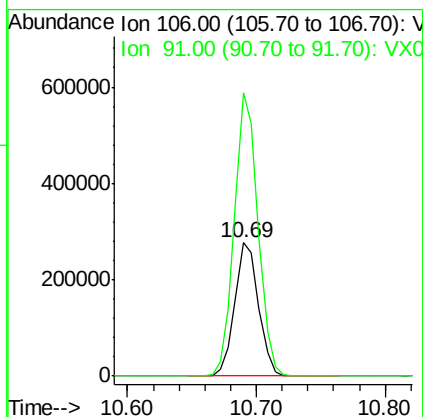
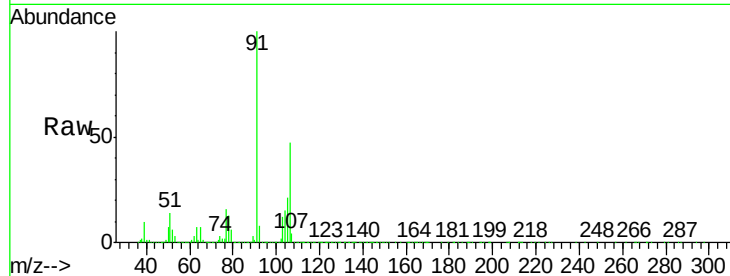




#69
o-Xylene
Concen: 49.45 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

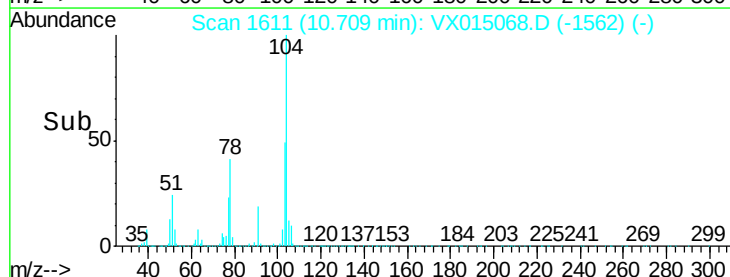
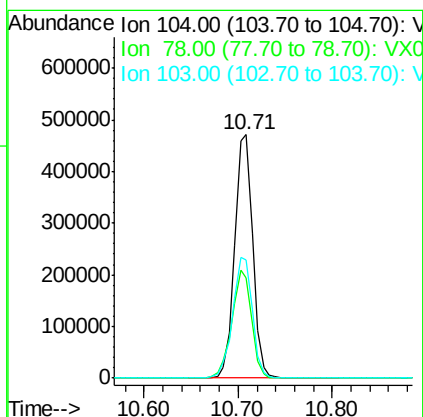
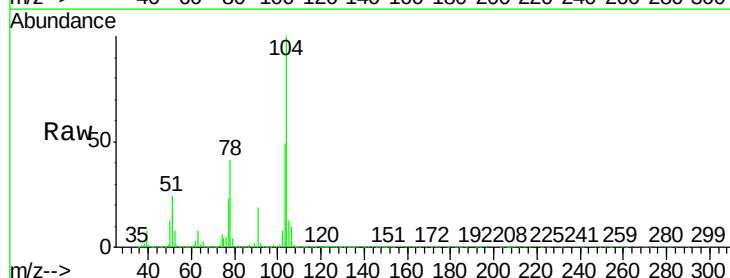
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

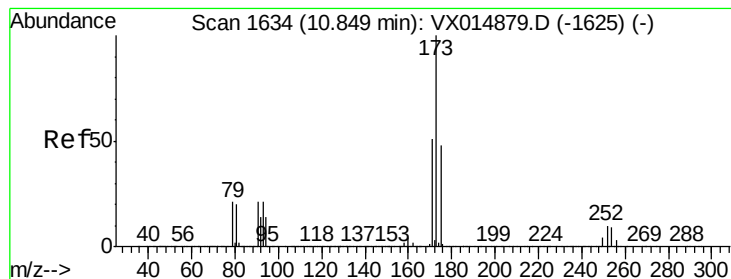
Tgt Ion:106 Resp: 357142
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.3



#70
Styrene
Concen: 51.02 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion:104 Resp: 623439
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 54.3 43.4 65.0





#71

Bromoform

Concen: 51.70 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

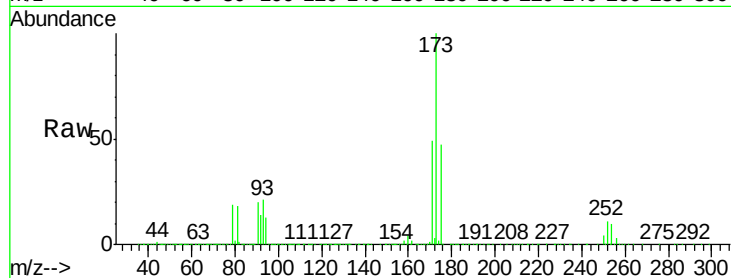
Tgt Ion:173 Resp: 179686

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

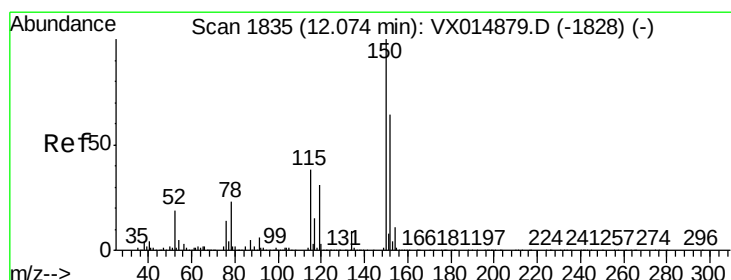
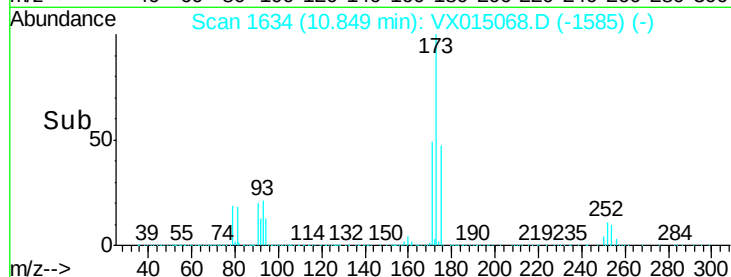
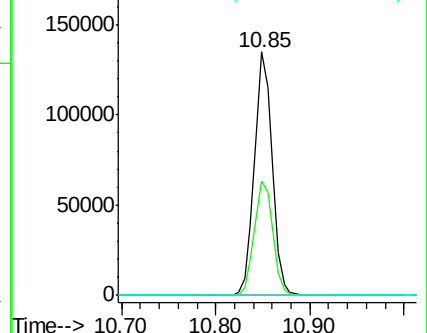
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

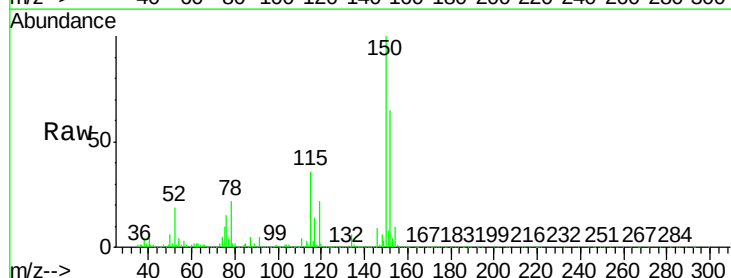
Tgt Ion:152 Resp: 298394

Ion Ratio Lower Upper

152 100

115 76.0 38.6 116.0

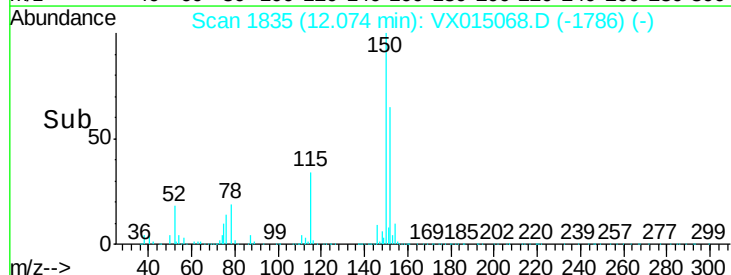
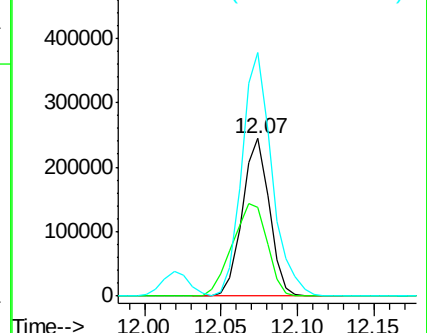
150 171.8 0.0 349.0

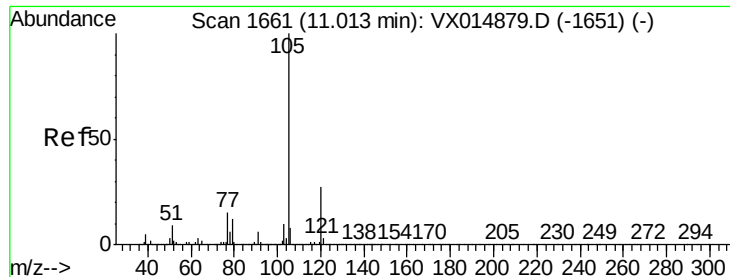


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.93 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

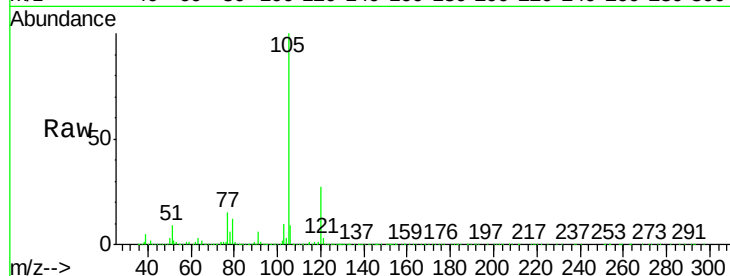
VSTDCCC050EC

Tgt Ion: 105 Resp: 971726

Ion Ratio Lower Upper

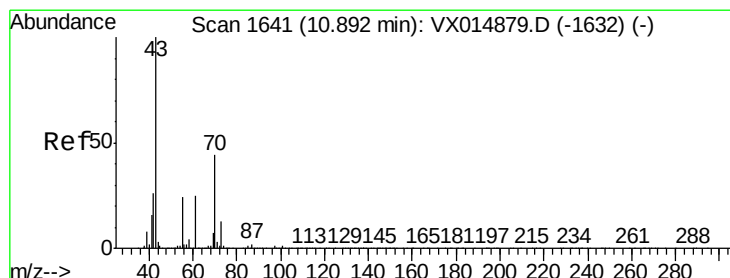
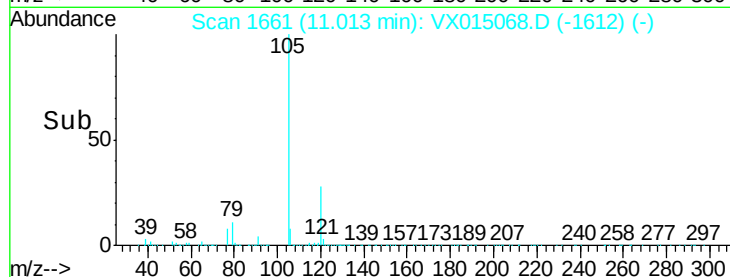
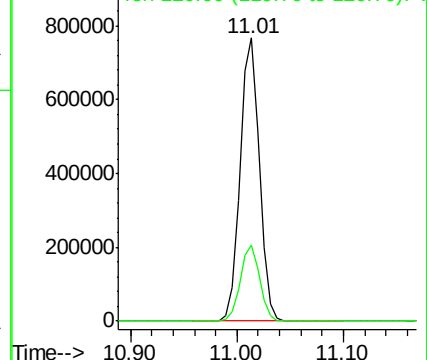
105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.79 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Tgt Ion: 43 Resp: 441517

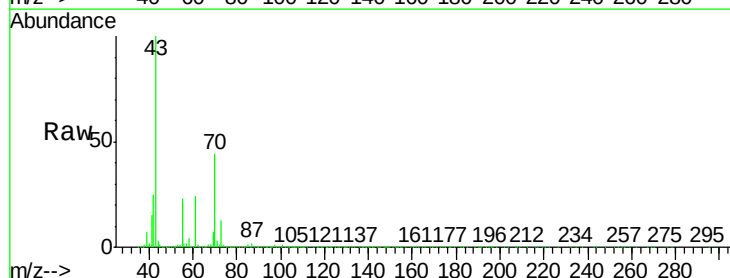
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 23.5 19.4 29.2

61 24.9 19.8 29.6

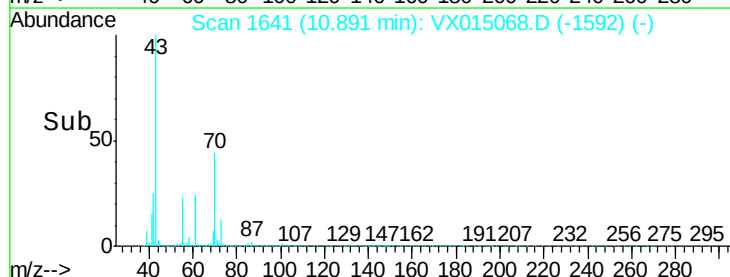
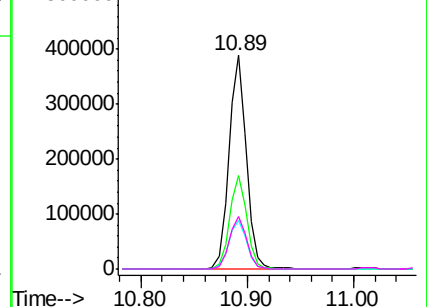


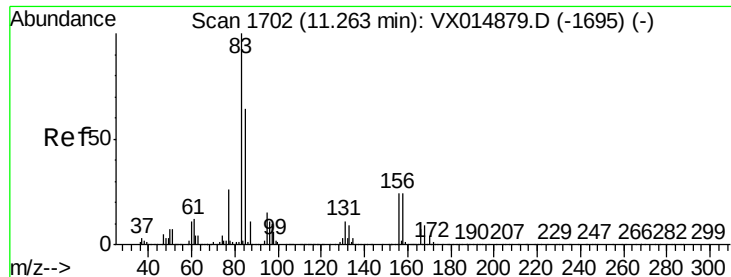
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 53.51 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

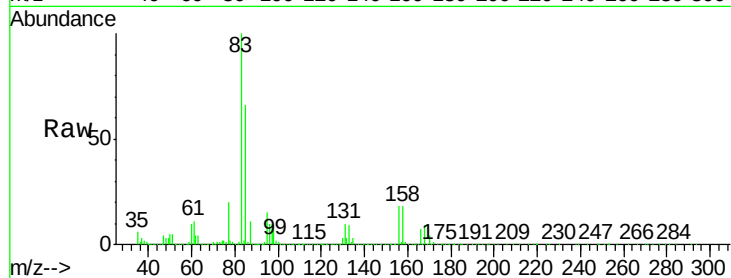
Tgt Ion: 83 Resp: 327290

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

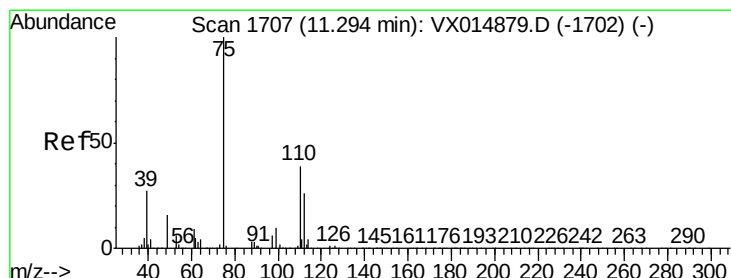
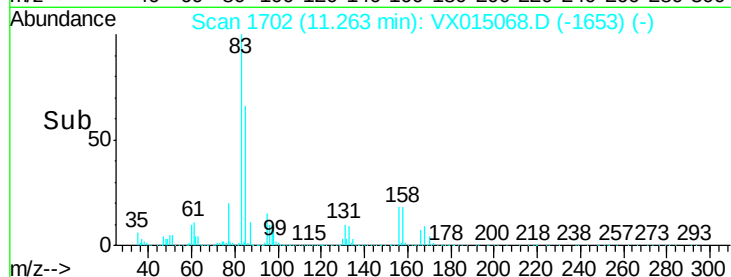
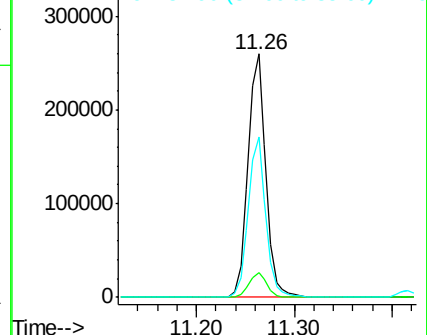
85 64.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.84 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015068.D

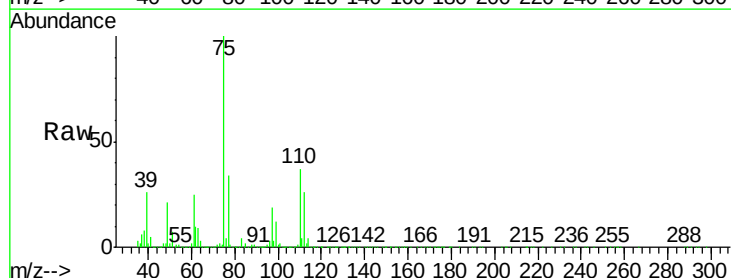
Acq: 02 Mar 2020 15:52

Tgt Ion: 75 Resp: 382226

Ion Ratio Lower Upper

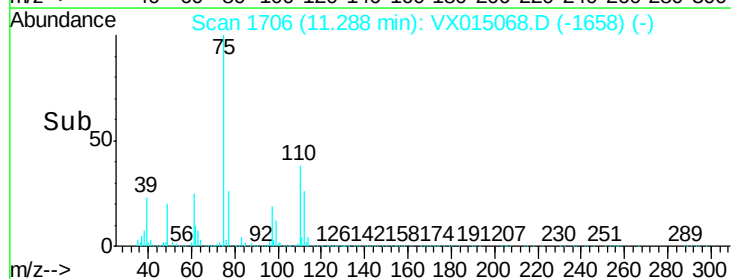
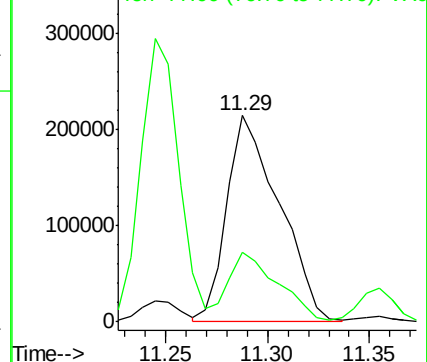
75 100

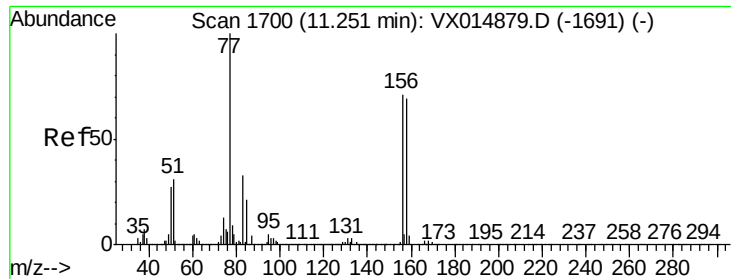
77 32.2 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.44 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

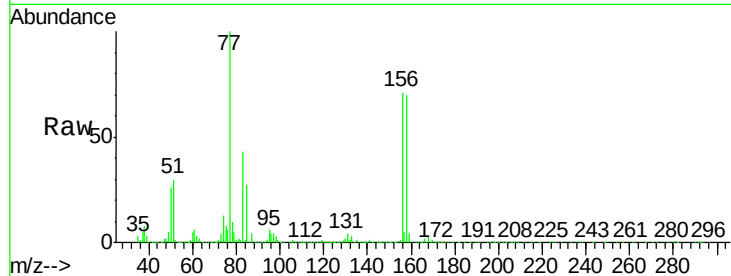
Tgt Ion:156 Resp: 252980

Ion Ratio Lower Upper

156 100

77 150.1 74.0 222.0

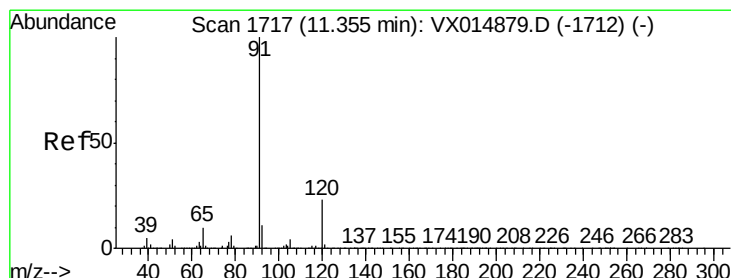
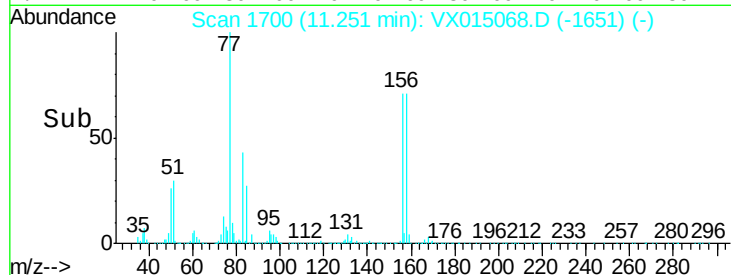
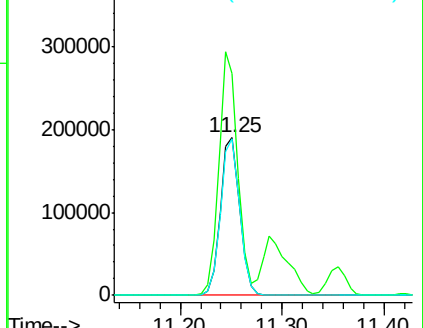
158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.36 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015068.D

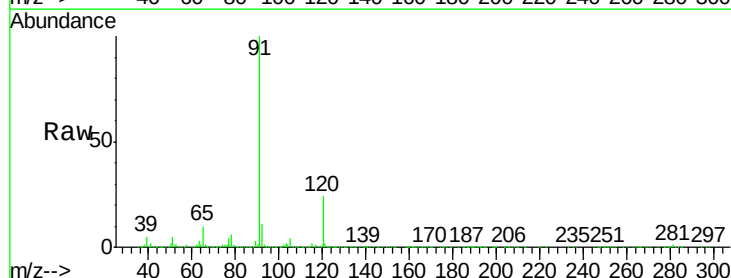
Acq: 02 Mar 2020 15:52

Tgt Ion: 91 Resp: 1111603

Ion Ratio Lower Upper

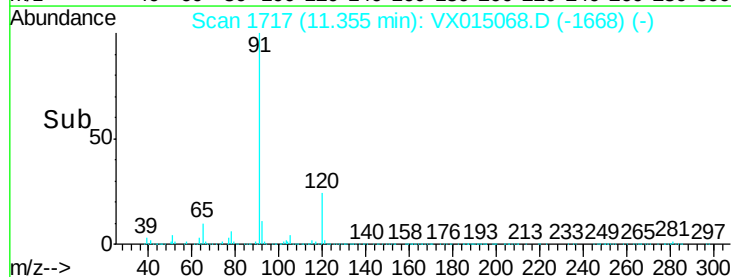
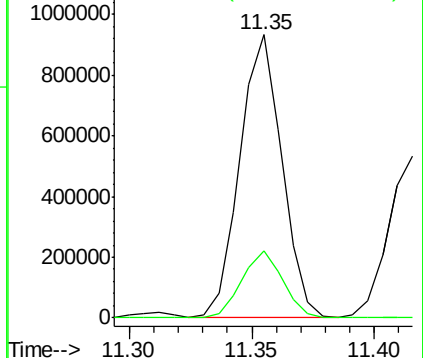
91 100

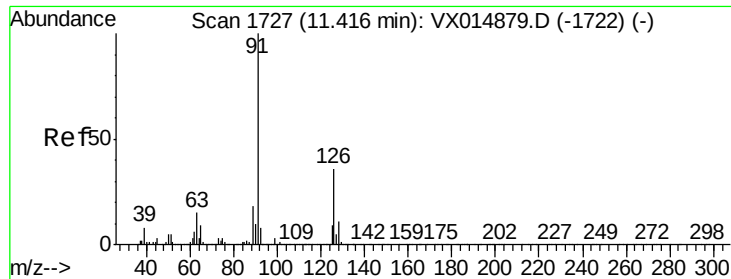
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

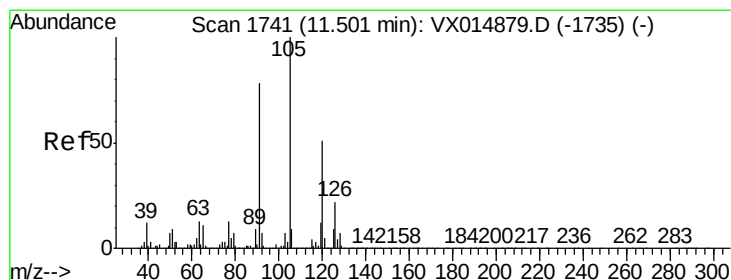
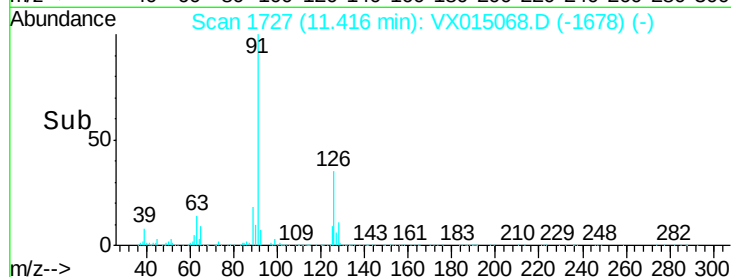
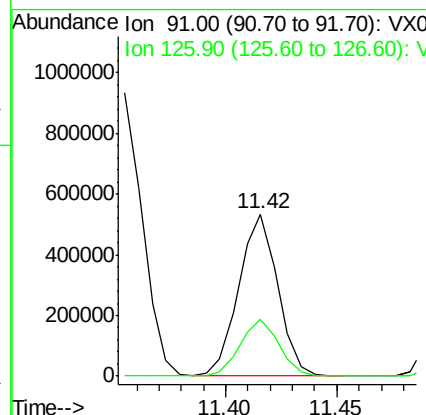
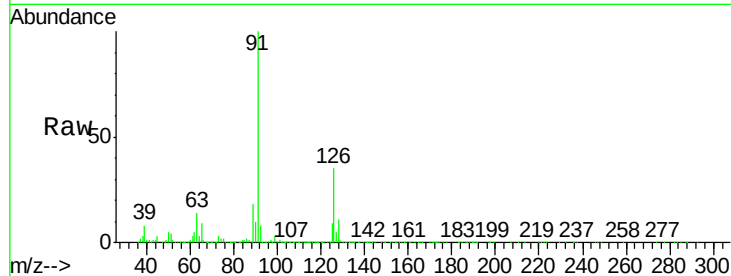




#79
 2-Chlorotoluene
 Concen: 50.85 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

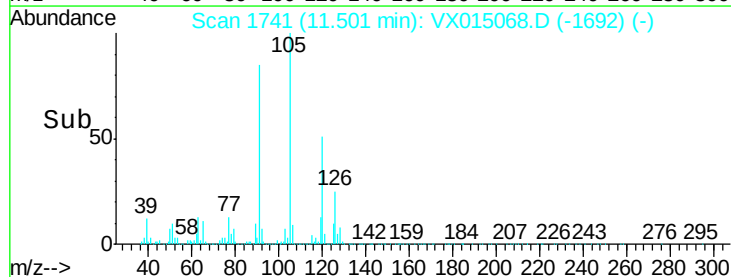
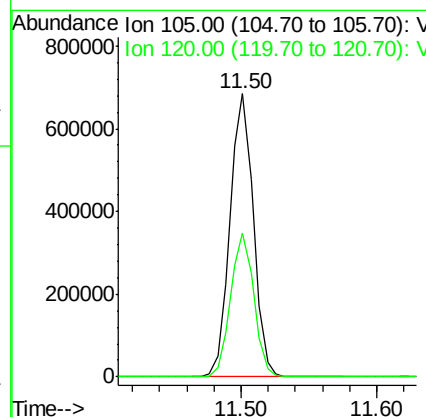
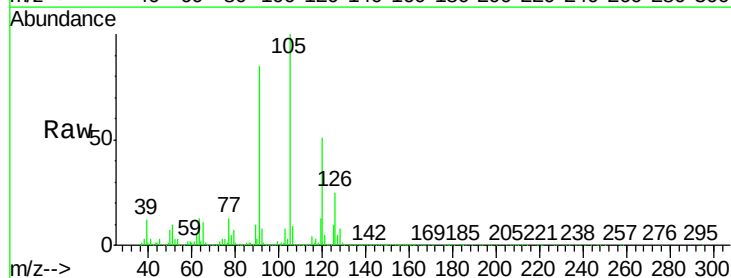
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

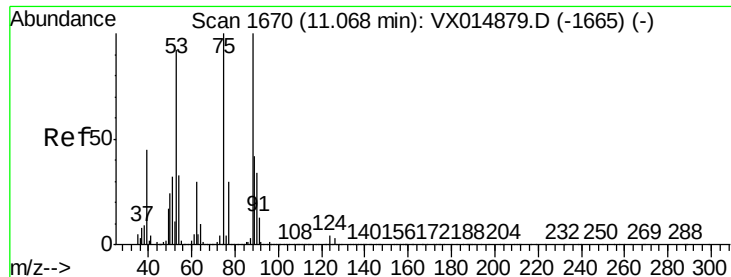
Tgt Ion: 91 Resp: 646993
 Ion Ratio Lower Upper
 91 100
 126 35.0 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.88 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion: 105 Resp: 811212
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.70 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

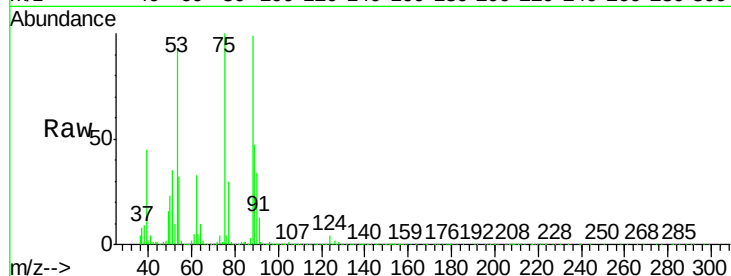
Tgt Ion: 75 Resp: 113197

Ion Ratio Lower Upper

75 100

53 93.3 76.2 114.2

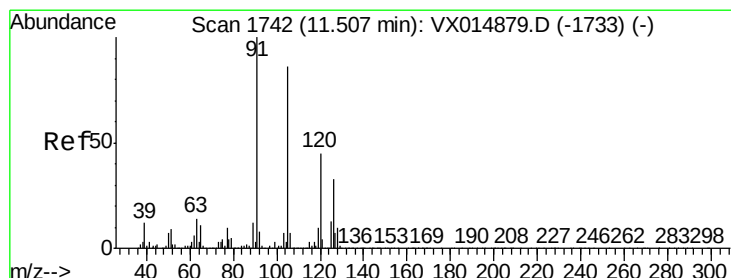
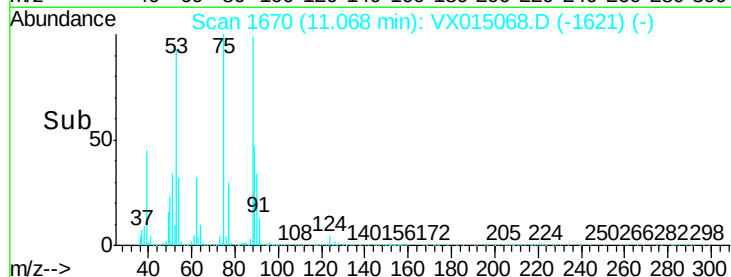
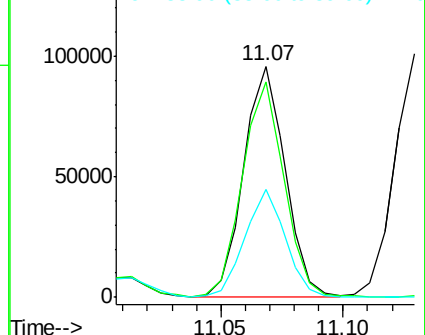
89 46.0 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.49 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015068.D

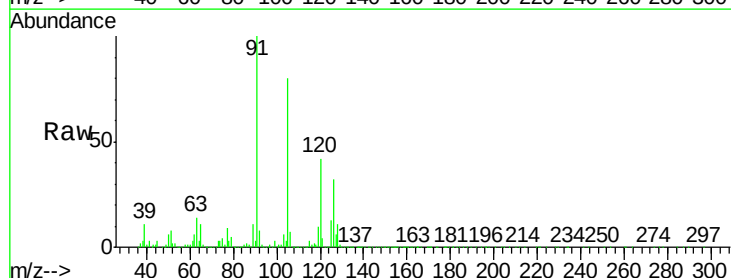
Acq: 02 Mar 2020 15:52

Tgt Ion: 91 Resp: 760767

Ion Ratio Lower Upper

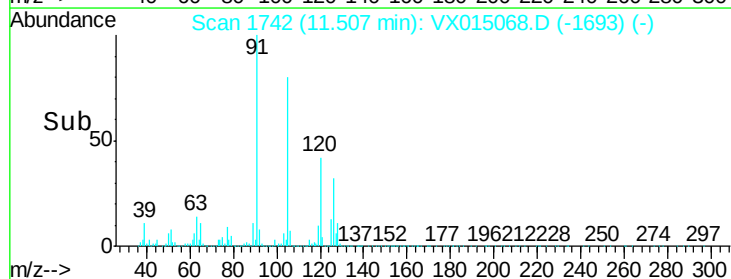
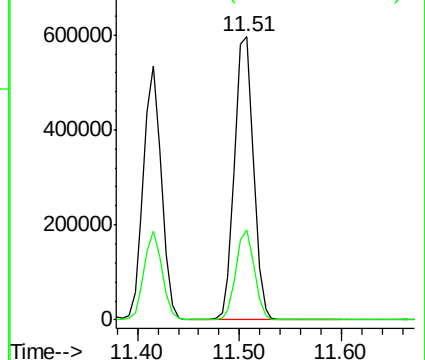
91 100

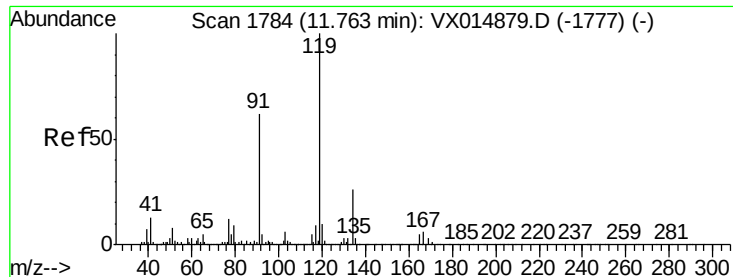
126 30.6 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

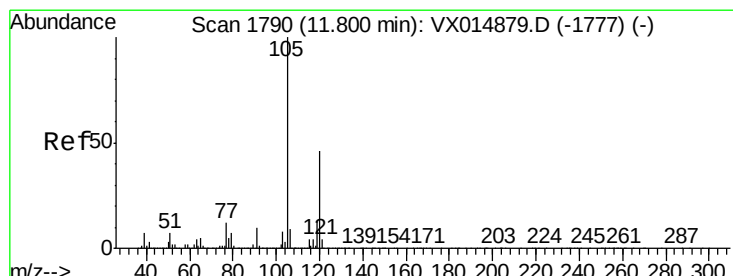
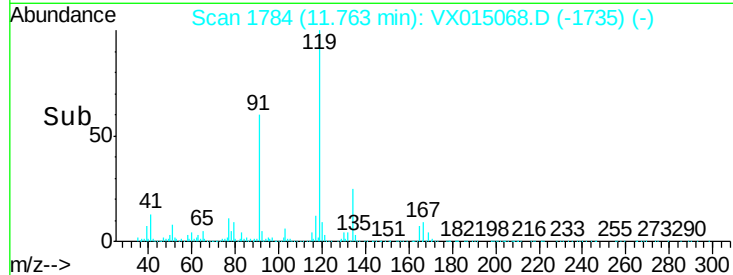
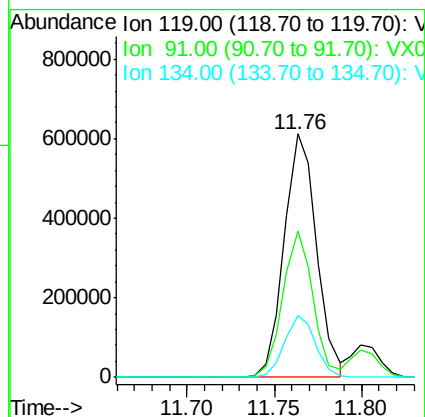
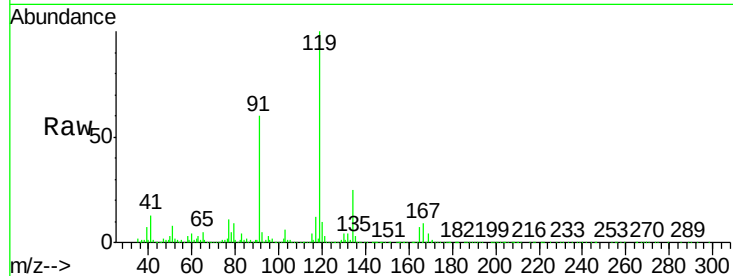




#83
 tert-Butylbenzene
 Concen: 53.53 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

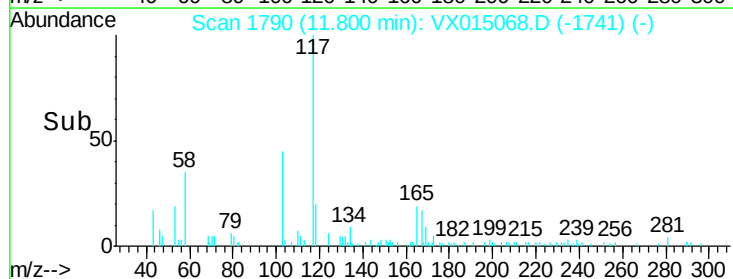
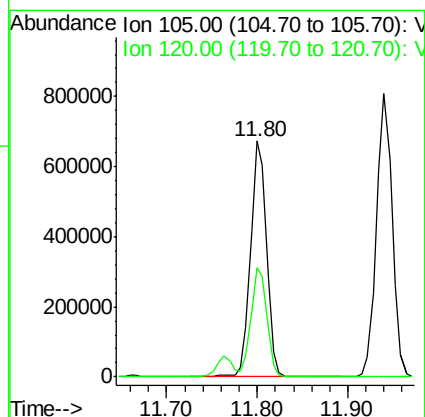
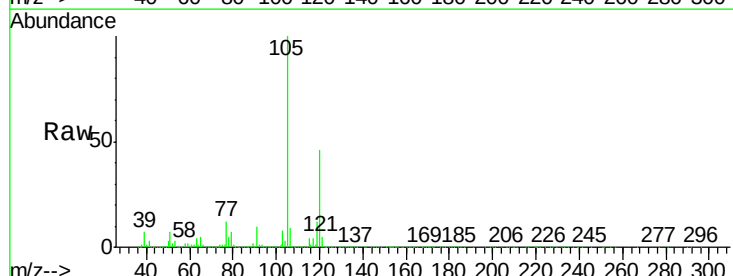
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

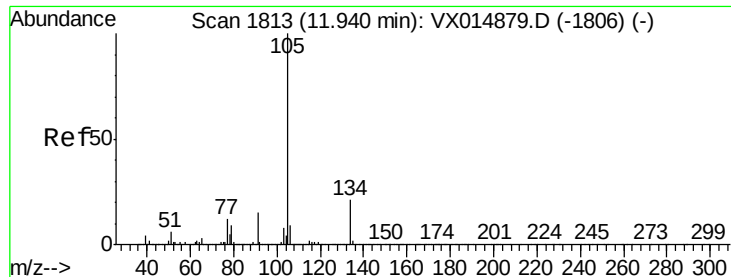
Tgt Ion:119 Resp: 792647
 Ion Ratio Lower Upper
 119 100
 91 56.1 29.5 88.6
 134 24.4 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.04 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion:105 Resp: 820045
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.75 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

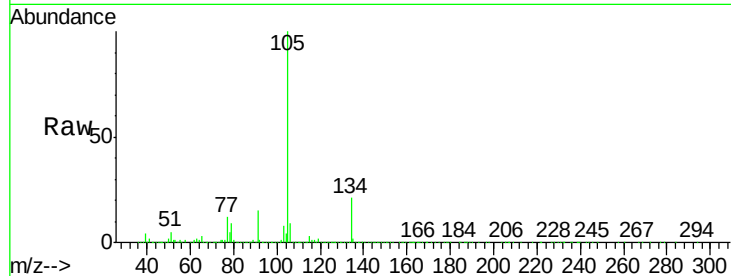
VSTDCCC050EC

Tgt Ion:105 Resp: 970177

Ion Ratio Lower Upper

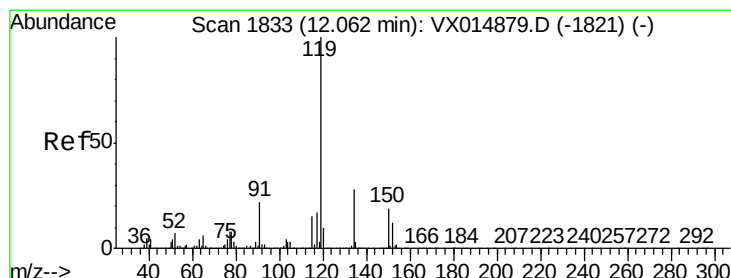
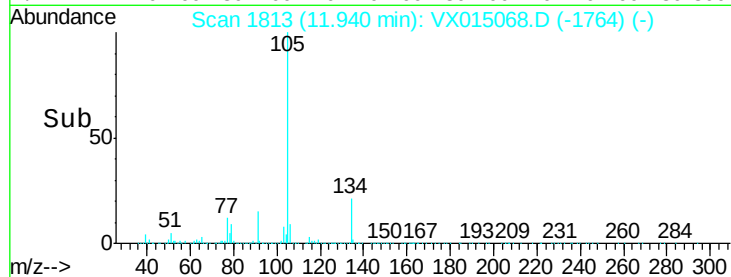
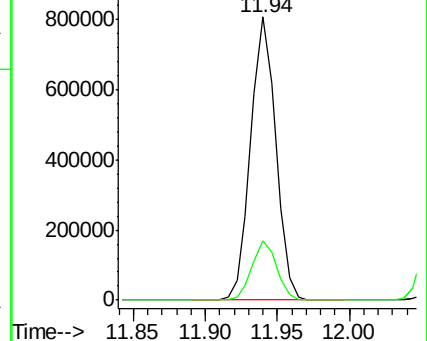
105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.71 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

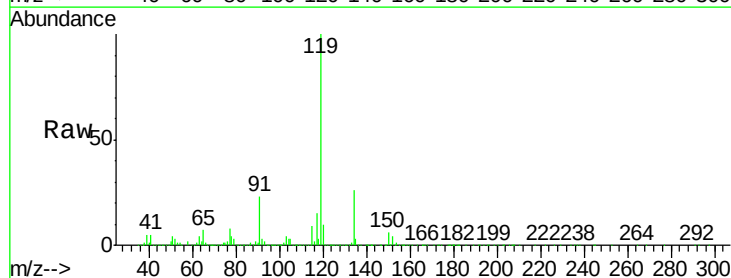
Tgt Ion:119 Resp: 890025

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

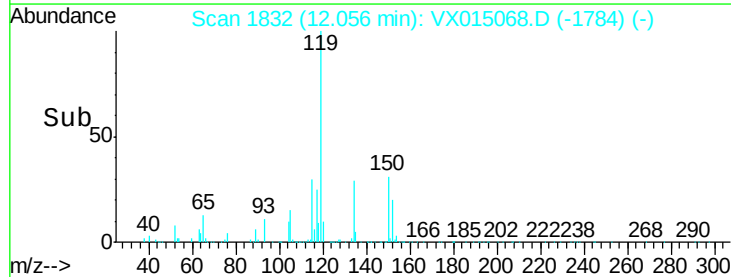
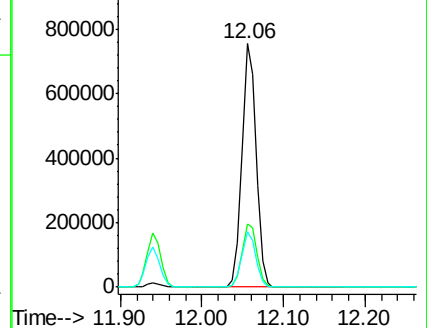
91 22.4 11.4 34.1

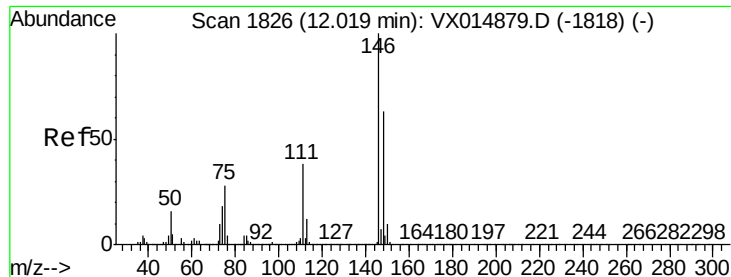


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

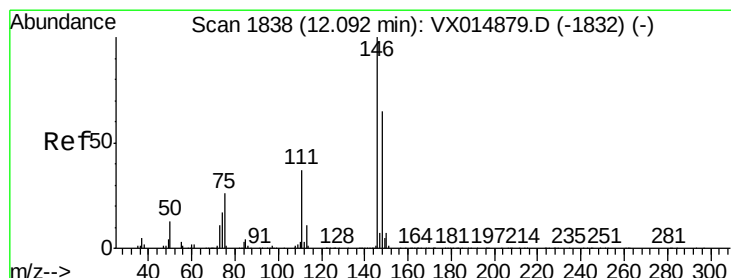
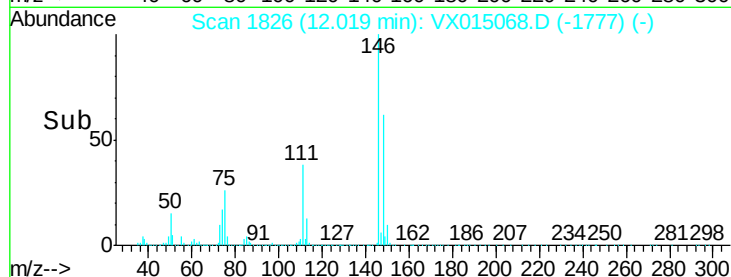
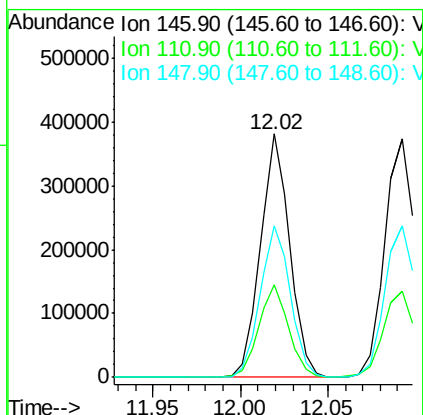
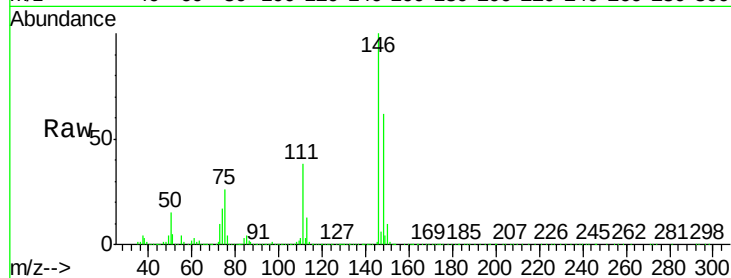




#87
 1,3-Dichlorobenzene
 Concen: 47.81 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

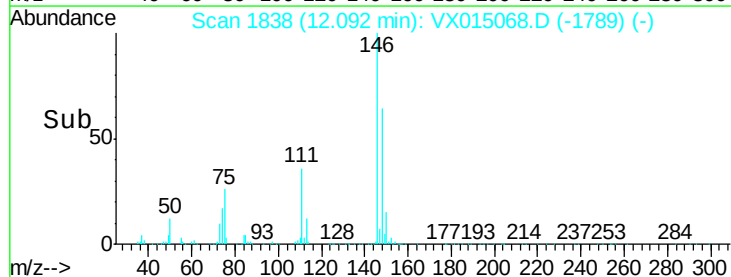
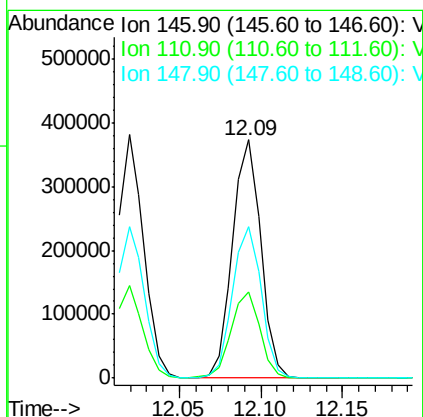
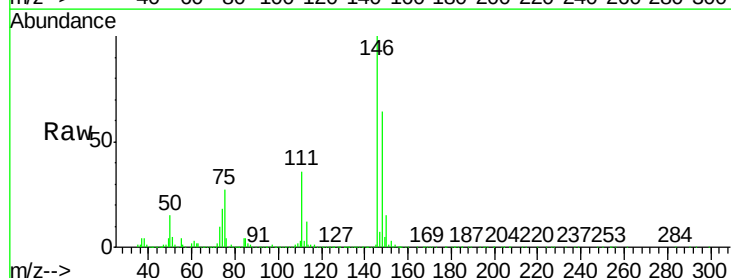
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

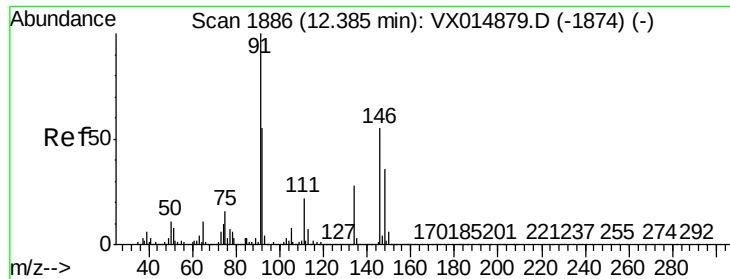
Tgt Ion:146 Resp: 447936
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 56.0
 148 64.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.09 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion:146 Resp: 450533
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 49.50 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015068.D

Acq: 02 Mar 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

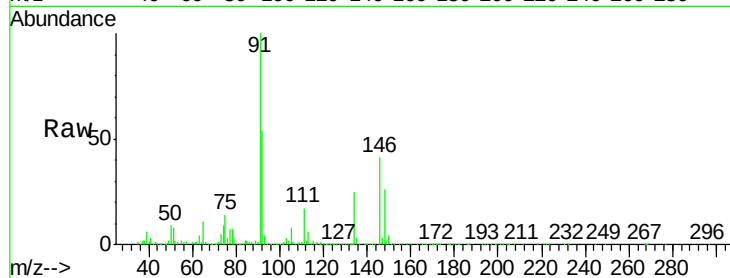
Tgt Ion: 91 Resp: 763083

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

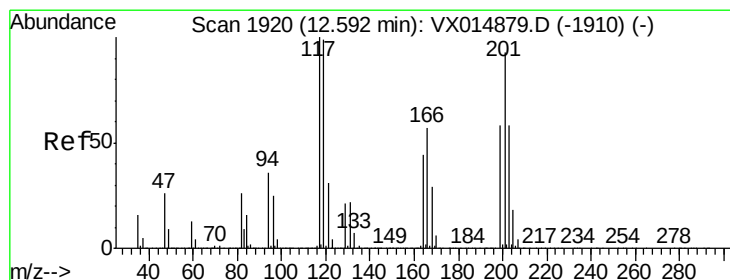
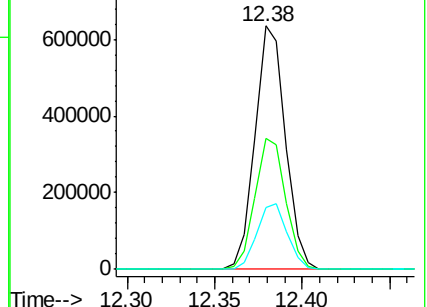
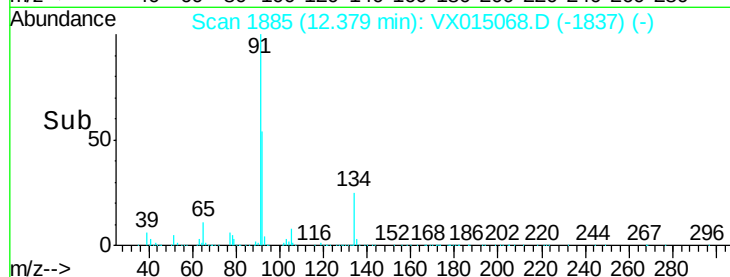
134 27.1 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)



#90

Hexachloroethane

Concen: 49.93 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015068.D

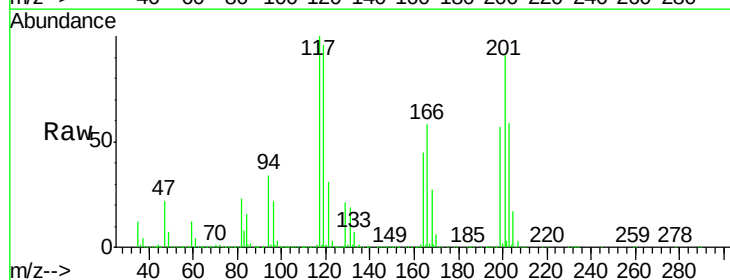
Acq: 02 Mar 2020 15:52

Tgt Ion: 117 Resp: 150083

Ion Ratio Lower Upper

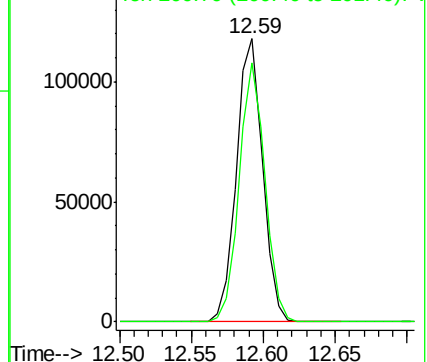
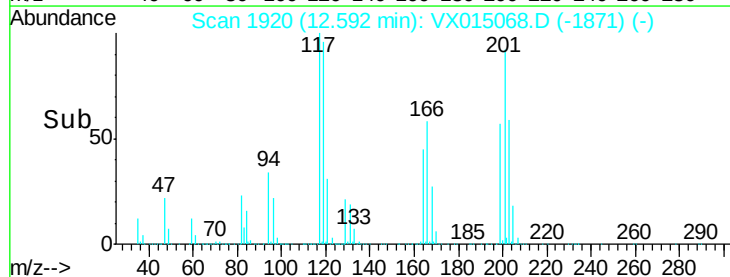
117 100

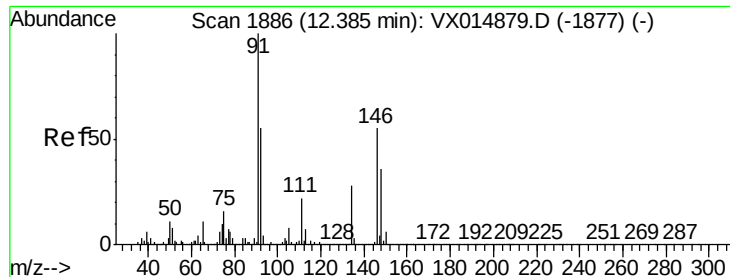
201 89.6 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)

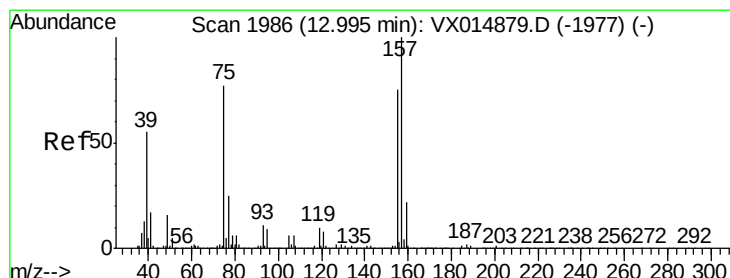
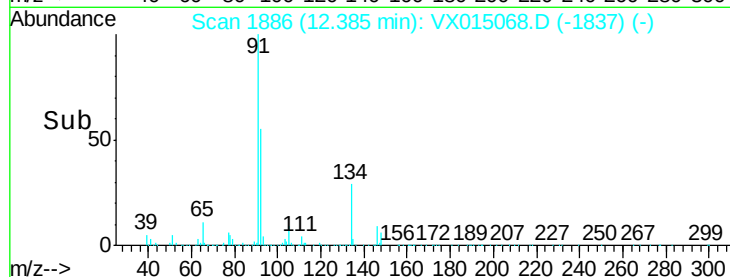
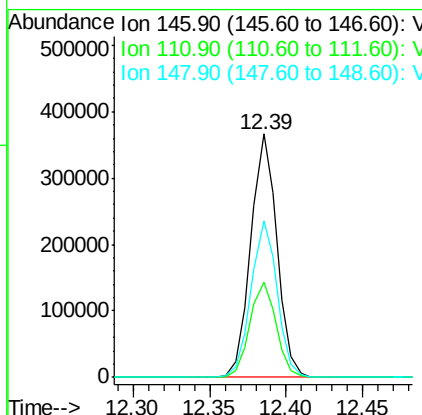
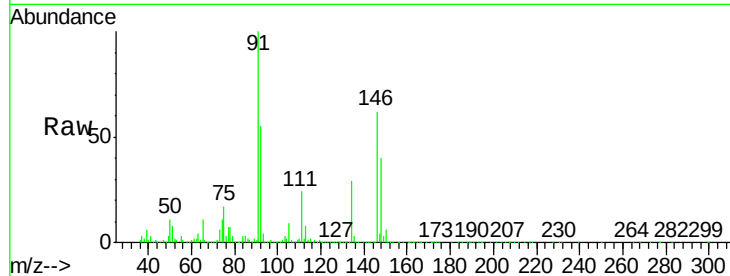




#91
 1,2-Dichlorobenzene
 Concen: 47.39 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

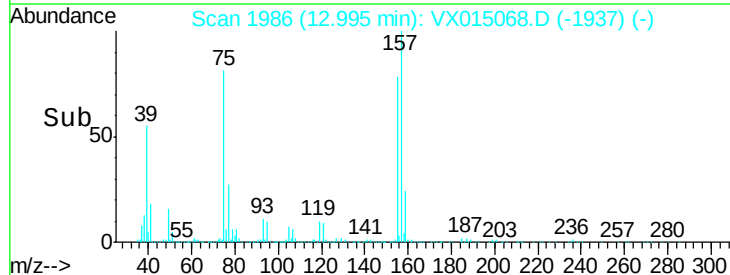
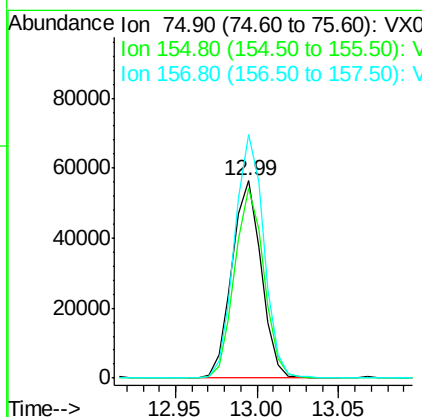
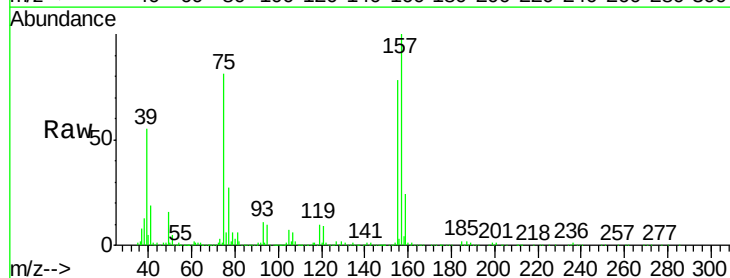
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

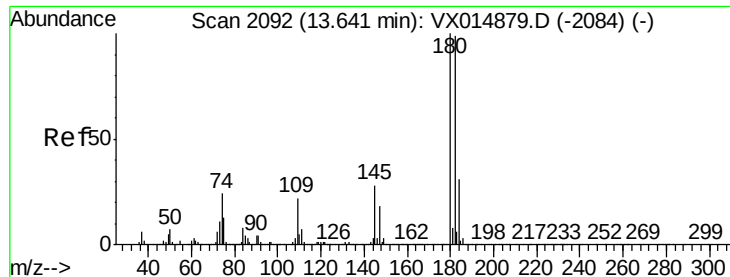
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.2	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.84 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	48.6	145.9
157	124.6	62.0	186.0

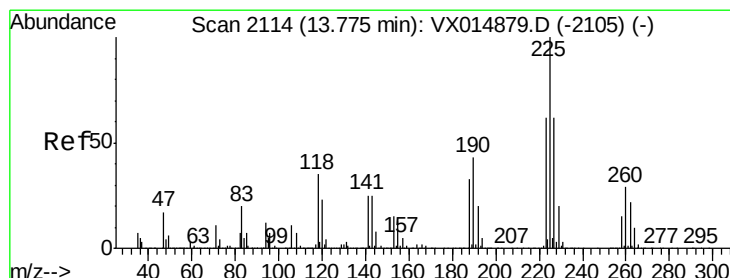
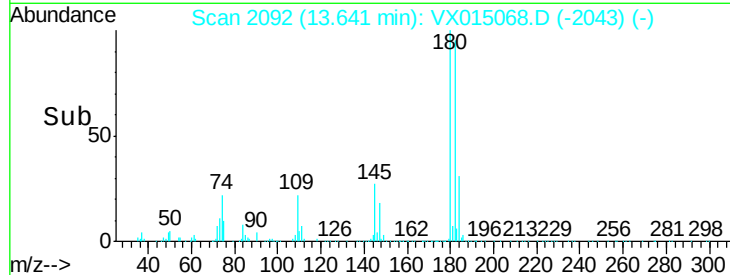
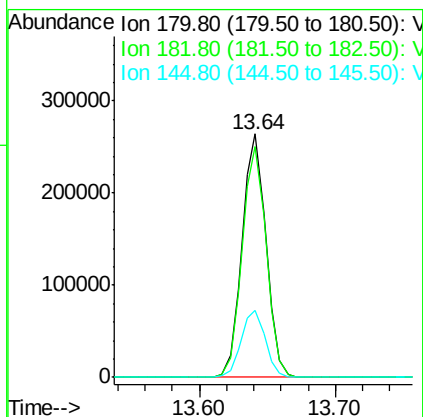
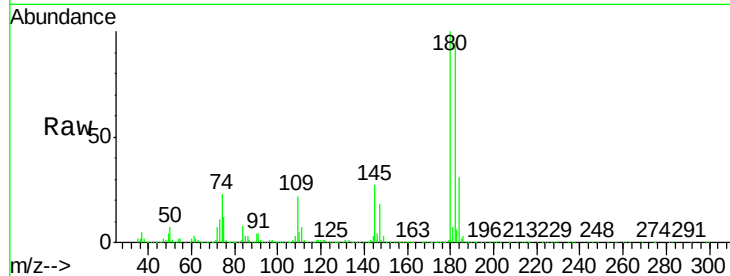




#93
 1,2,4-Trichlorobenzene
 Concen: 47.60 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

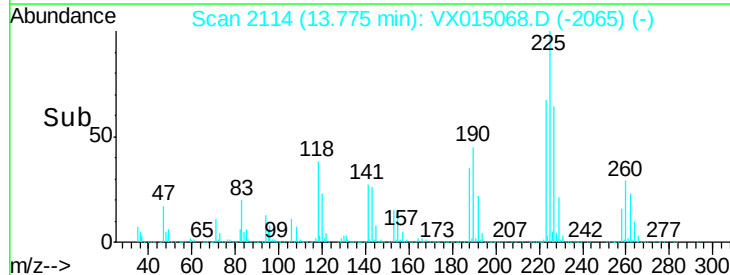
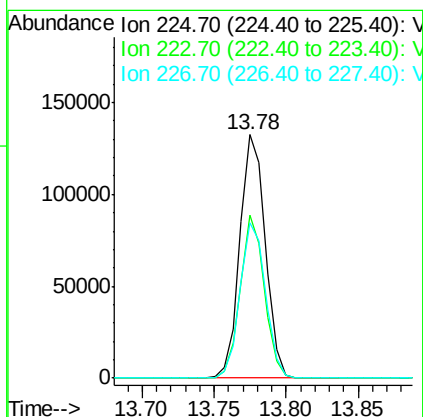
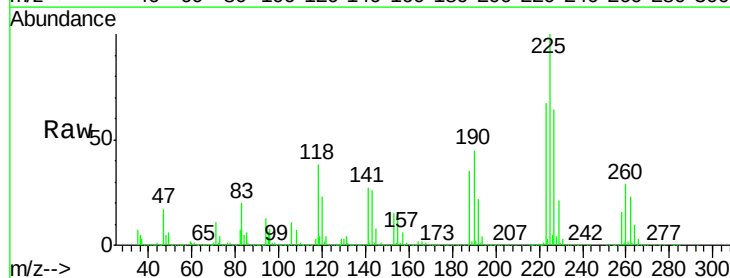
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

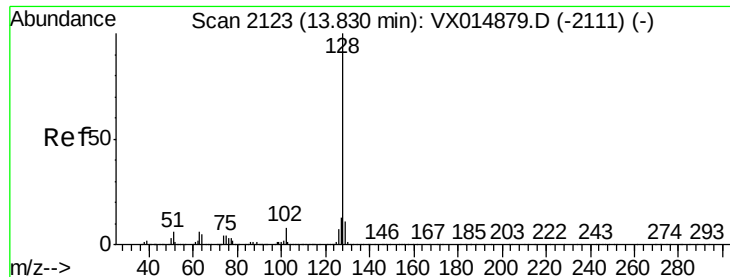
Tgt Ion:180 Resp: 322851
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.3
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.48 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015068.D
 Acq: 02 Mar 2020 15:52

Tgt Ion:225 Resp: 162320
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.2
 227 63.9 30.9 92.5

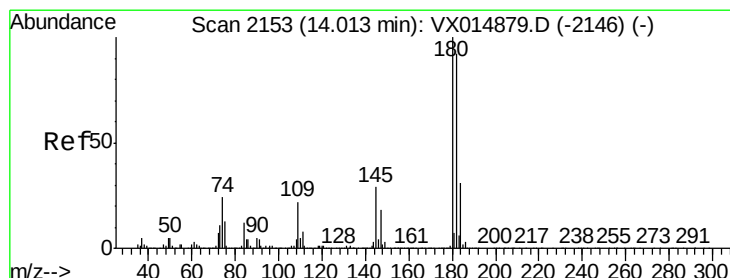
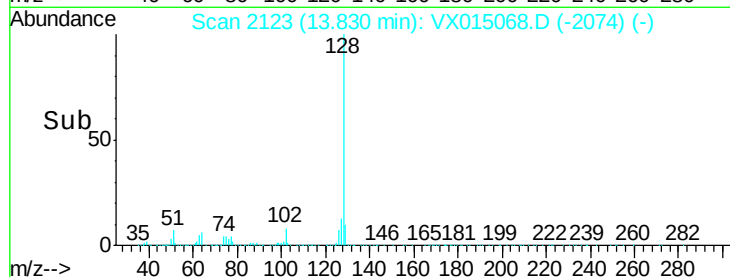
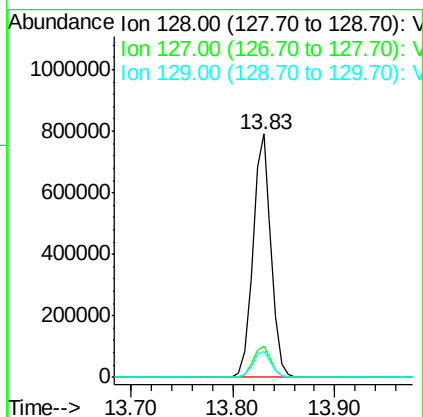
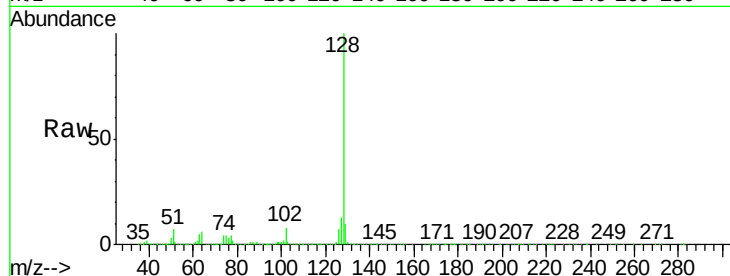




#95
Naphthalene
Concen: 53.91 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 972171
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.04 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015068.D
Acq: 02 Mar 2020 15:52

Tgt Ion:180 Resp: 327895
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.6
145 29.7 14.5 43.5

