

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX022720\
 Data File : VX015033.D
 Acq On : 27 Feb 2020 08:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 27 10:46:30 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	427974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	633282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	224875	46.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.48	113	190926	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	731813	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	269225	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	192398	47.47	ug/l	99
3) Chloromethane	1.32	50	237599	51.71	ug/l	98
4) Vinyl Chloride	1.41	62	243521	49.20	ug/l	98
5) Bromomethane	1.63	94	134936	42.11	ug/l	94
6) Chloroethane	1.72	64	152481	48.14	ug/l	97
7) Trichlorofluoromethane	1.92	101	314298	45.45	ug/l	100
8) Diethyl Ether	2.18	74	138310	48.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	202557	50.46	ug/l	98
10) Methyl Iodide	2.50	142	196718	44.48	ug/l	100
11) Tert butyl alcohol	3.03	59	213073	249.85	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192144	48.98	ug/l	96
13) Acrolein	2.28	56	142159	218.71	ug/l	99
14) Allyl chloride	2.72	41	346832	49.87	ug/l	97
15) Acrylonitrile	3.13	53	579510	268.05	ug/l	99
16) Acetone	2.43	43	725870	281.13	ug/l	99
17) Carbon Disulfide	2.56	76	479739	43.77	ug/l	99
18) Methyl Acetate	2.76	43	277782	57.10	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	658828	51.60	ug/l	100
20) Methylene Chloride	2.85	84	221543	47.68	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	206933	47.81	ug/l	96
22) Diisopropyl ether	3.84	45	721117	54.29	ug/l	98
23) Vinyl Acetate	3.80	43	3010978	274.97	ug/l	100
24) 1,1-Dichloroethane	3.69	63	386324	51.53	ug/l	99
25) 2-Butanone	4.65	43	912270	277.43	ug/l	100
26) 2,2-Dichloropropane	4.57	77	313318	48.50	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	247165	51.08	ug/l	98
28) Bromochloromethane	5.00	49	164023	56.45	ug/l	96
29) Tetrahydrofuran	5.11	42	511563	273.67	ug/l	98
30) Chloroform	5.20	83	385573	51.84	ug/l	97
31) Cyclohexane	5.57	56	336186	49.23	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	321617	49.43	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287615	50.77	ug/l	99
37) Ethyl Acetate	4.81	43	310133	52.49	ug/l	99
38) Carbon Tetrachloride	5.77	117	276630	50.11	ug/l	99

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 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	357176	50.41	ug/l	97
40) Benzene	6.13	78	866216	51.18	ug/l	100
41) Methacrylonitrile	5.03	41	176213	55.36	ug/l	99
42) 1,2-Dichloroethane	6.18	62	302317	49.42	ug/l	98
43) Isopropyl Acetate	6.43	43	515789	52.92	ug/l	99
44) Trichloroethene	7.20	130	244283	49.72	ug/l	99
45) 1,2-Dichloropropane	7.50	63	230302	53.35	ug/l	99
46) Dibromomethane	7.65	93	148730	50.41	ug/l	98
47) Bromodichloromethane	7.89	83	305326	52.19	ug/l	96
48) Methyl methacrylate	7.76	41	257509	53.69	ug/l	99
49) 1,4-Dioxane	7.73	88	94735	1056.34	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1615109	274.43	ug/l	100
52) Toluene	8.78	92	550963	51.25	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	337225	52.60	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	367826	51.93	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229793	52.83	ug/l	99
56) Ethyl methacrylate	9.17	69	359793	55.04	ug/l	99
57) 1,3-Dichloropropane	9.36	76	379740	51.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	946291	276.78	ug/l	99
59) 2-Hexanone	9.48	43	1300062	281.04	ug/l	99
60) Dibromochloromethane	9.57	129	247289	52.83	ug/l	98
61) 1,2-Dibromoethane	9.67	107	239151	50.96	ug/l	99
64) Tetrachloroethene	9.33	164	244664	44.30	ug/l	98
65) Chlorobenzene	10.13	112	609384	50.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	225739	51.90	ug/l	99
67) Ethyl Benzene	10.25	91	1066503	52.34	ug/l	100
68) m/p-Xylenes	10.35	106	822766	104.82	ug/l	98
69) o-Xylene	10.69	106	391056	51.83	ug/l	100
70) Styrene	10.71	104	690399	54.09	ug/l	99
71) Bromoform	10.85	173	194707	53.63	ug/l #	99
73) Isopropylbenzene	11.01	105	1060533	53.36	ug/l	100
74) N-amyl acetate	10.89	43	453473	54.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	345764	53.22	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	400225	69.83	ug/l	94
77) Bromobenzene	11.25	156	278819	50.26	ug/l	99
78) n-propylbenzene	11.35	91	1235938	53.76	ug/l	100
79) 2-Chlorotoluene	11.42	91	716596	53.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	894471	53.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	117127	52.31	ug/l	99
82) 4-Chlorotoluene	11.51	91	842405	52.63	ug/l	100
83) tert-Butylbenzene	11.76	119	858758	54.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	893194	53.37	ug/l	99
85) sec-Butylbenzene	11.94	105	1058474	54.18	ug/l	99
86) p-Isopropyltoluene	12.06	119	990192	54.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	508693	51.11	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	516032	50.77	ug/l	99
89) n-Butylbenzene	12.39	91	901433	55.05	ug/l	99
90) Hexachloroethane	12.59	117	171710	53.78	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	504523	51.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72709	47.70	ug/l	100

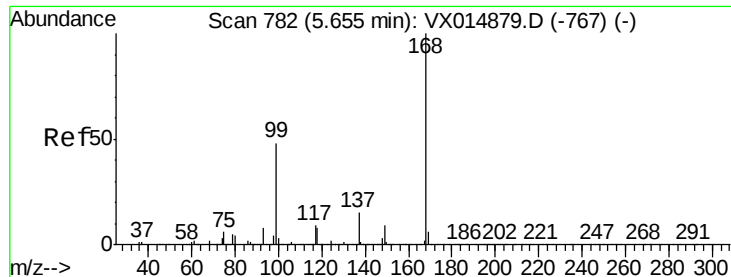
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	367227	50.98	ug/l	99
94) Hexachlorobutadiene	13.78	225	190150	54.57	ug/l	99
95) Naphthalene	13.83	128	1055069	55.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369723	53.12	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: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

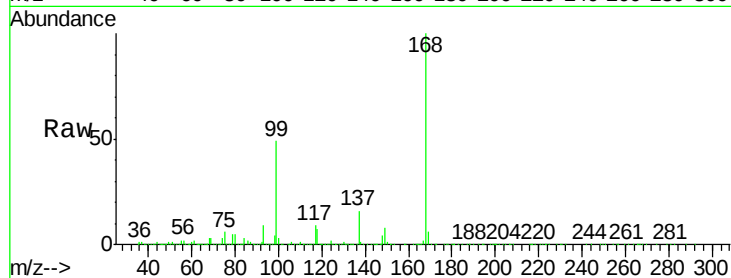
VSTDCCC050

Tgt Ion:168 Resp: 427974

Ion Ratio Lower Upper

168 100

99 49.0 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

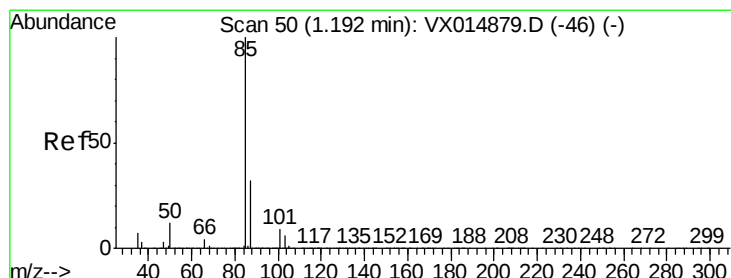
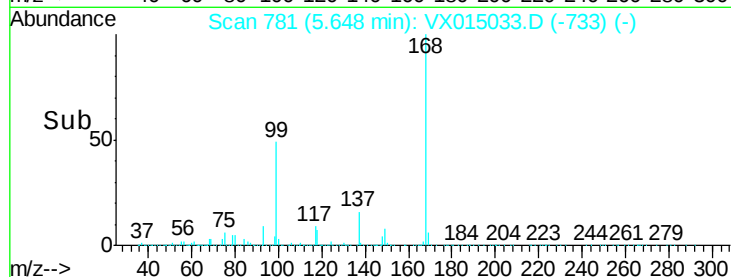
150000

100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 47.47 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015033.D

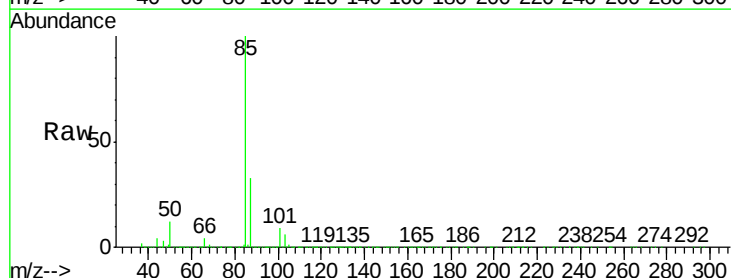
Acq: 27 Feb 2020 08:49

Tgt Ion: 85 Resp: 192398

Ion Ratio Lower Upper

85 100

87 32.9 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

250000

200000

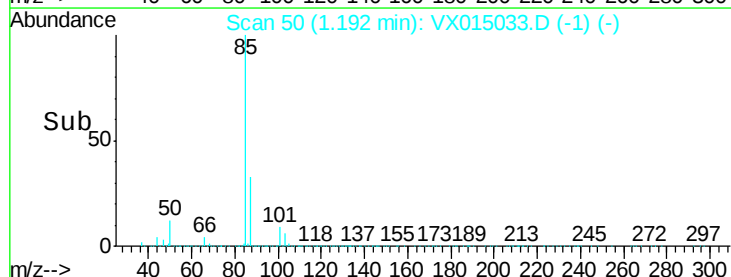
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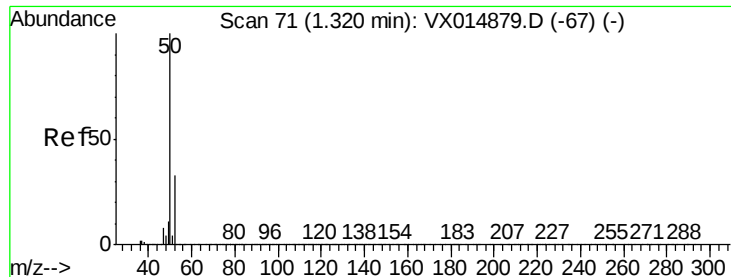
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.71 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

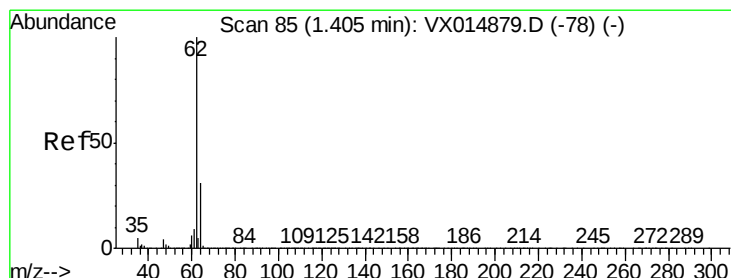
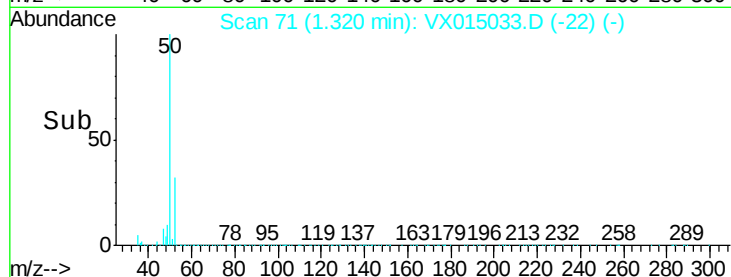
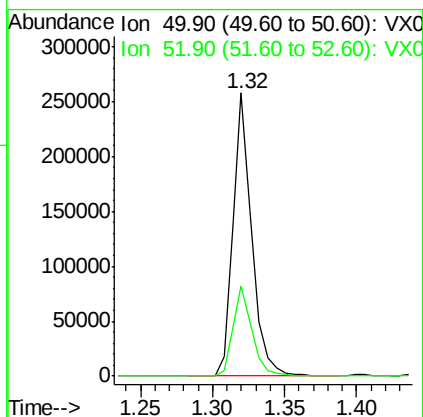
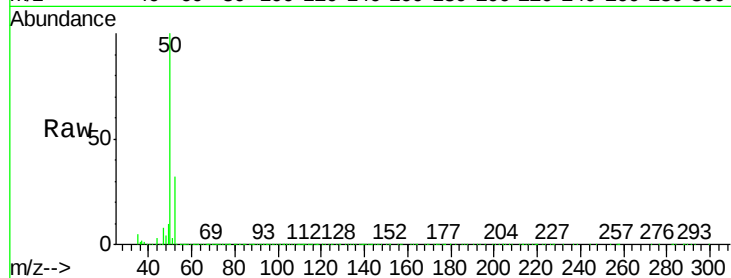
VSTDCCC050

Tgt Ion: 50 Resp: 237599

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



#4

Vinyl Chloride

Concen: 49.20 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015033.D

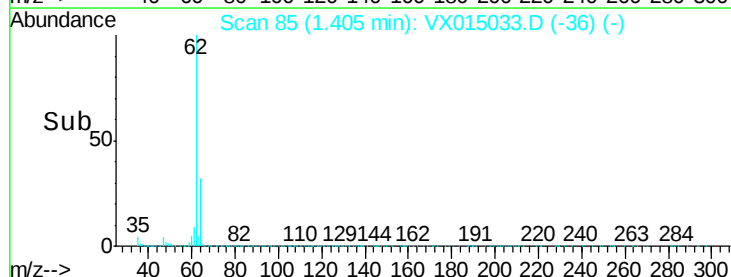
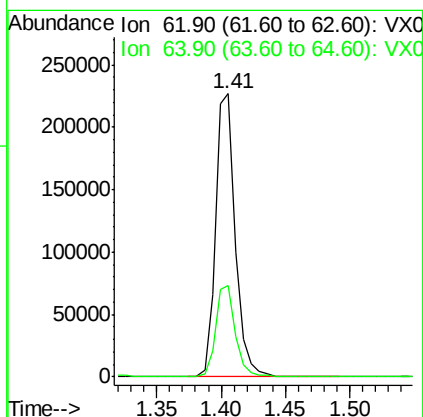
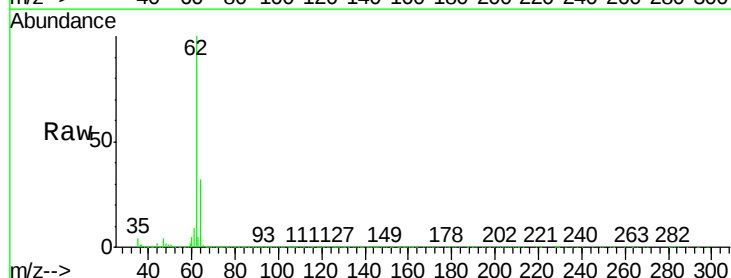
Acq: 27 Feb 2020 08:49

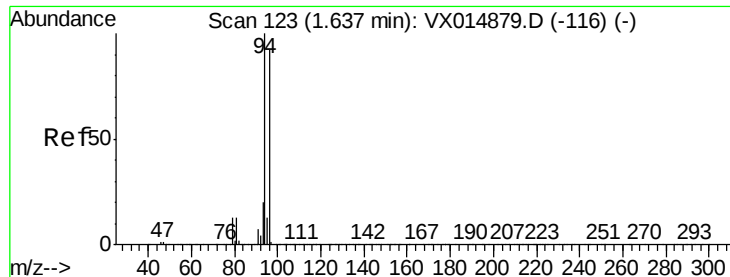
Tgt Ion: 62 Resp: 243521

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2





#5

Bromomethane

Concen: 42.11 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

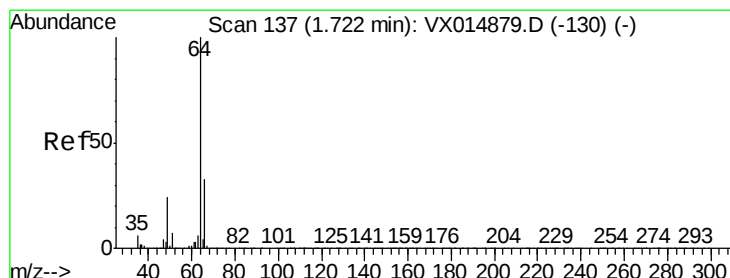
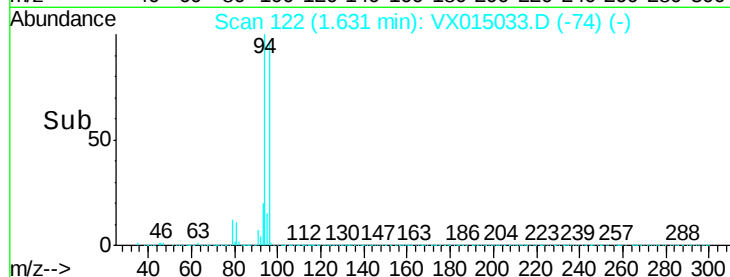
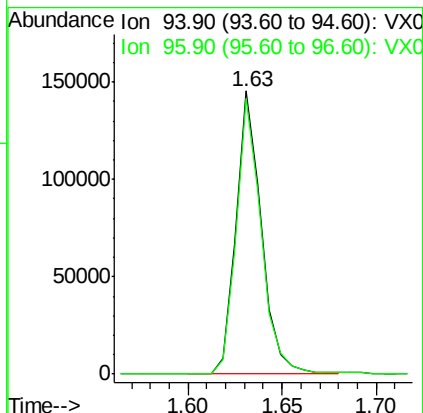
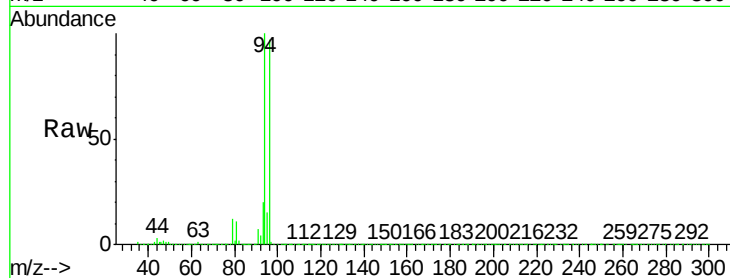
VSTDCCC050

Tgt Ion: 94 Resp: 134936

Ion Ratio Lower Upper

94 100

96 97.5 73.7 110.5



#6

Chloroethane

Concen: 48.14 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015033.D

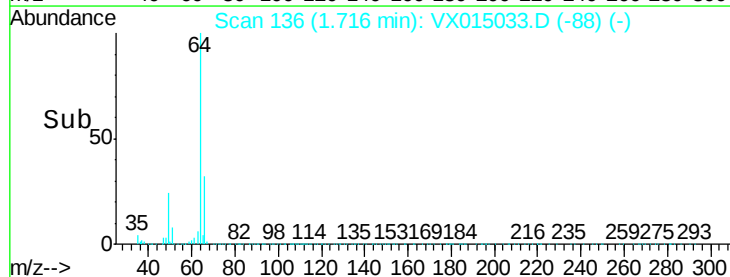
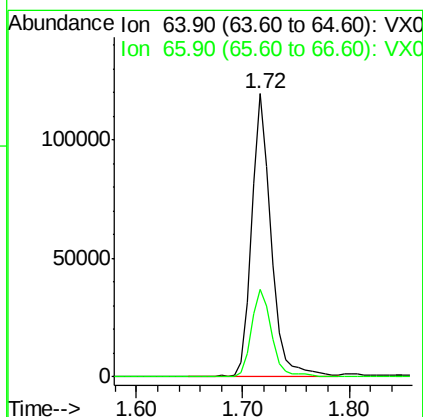
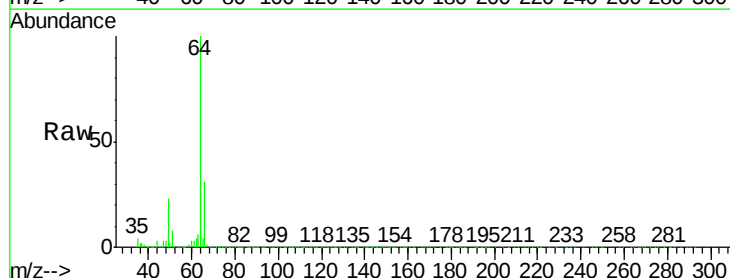
Acq: 27 Feb 2020 08:49

Tgt Ion: 64 Resp: 152481

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.4



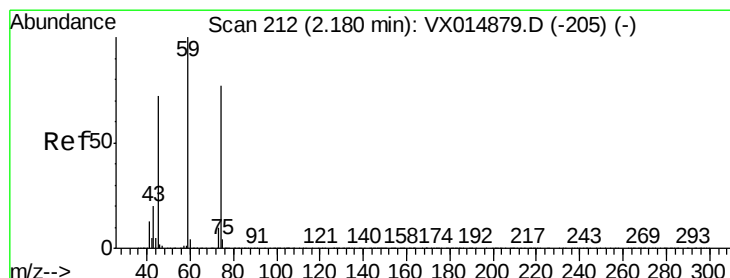
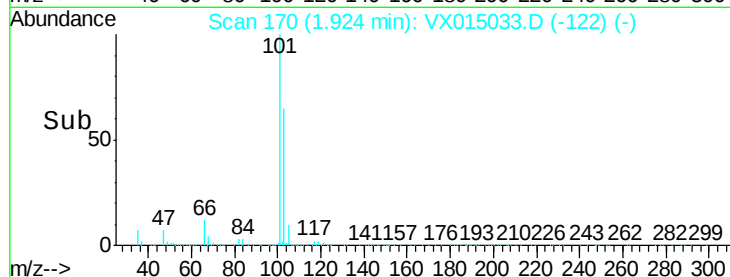
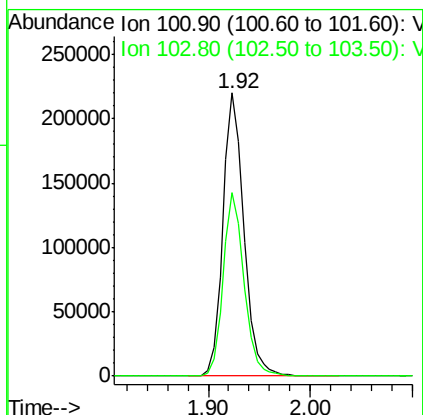
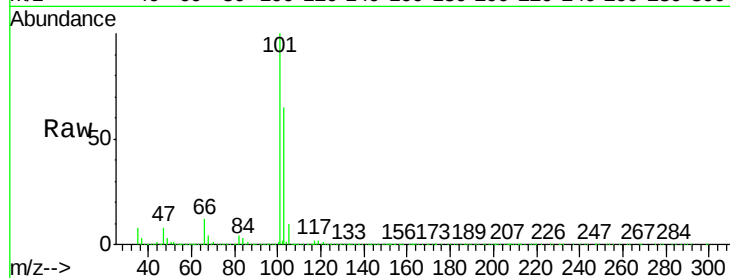


#7

Trichlorofluoromethane
Concen: 45.45 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

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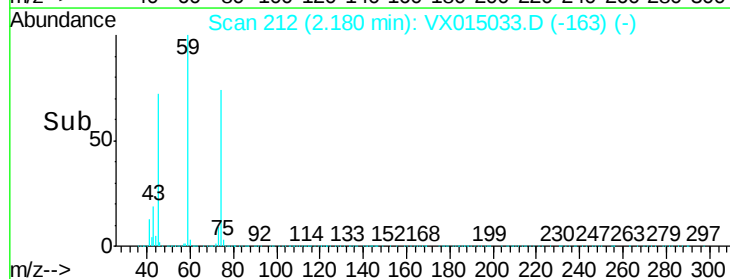
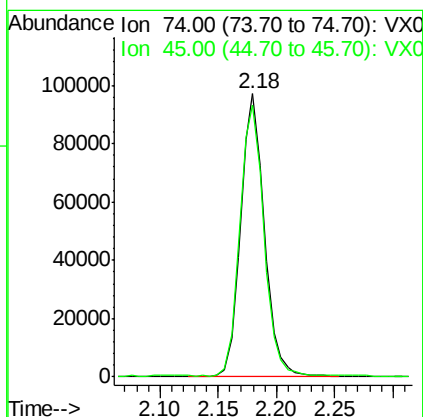
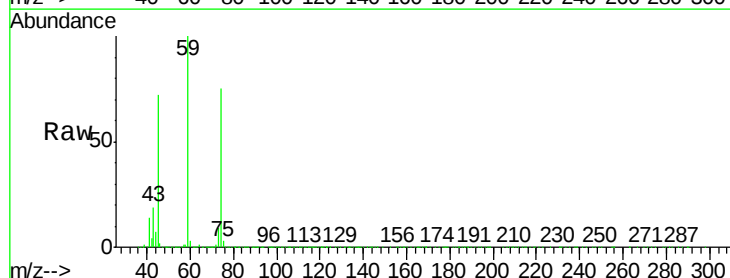
Tgt Ion:101 Resp: 314298
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

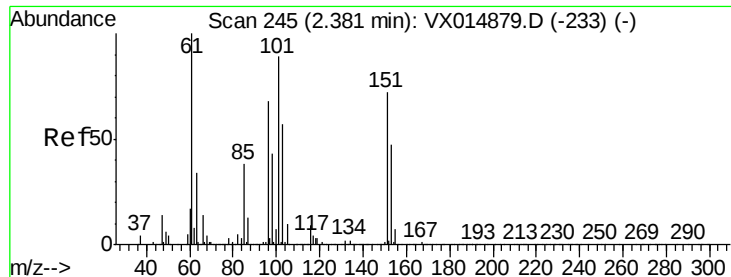


#8

Diethyl Ether
Concen: 48.23 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 74 Resp: 138310
Ion Ratio Lower Upper
74 100
45 97.4 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.46 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

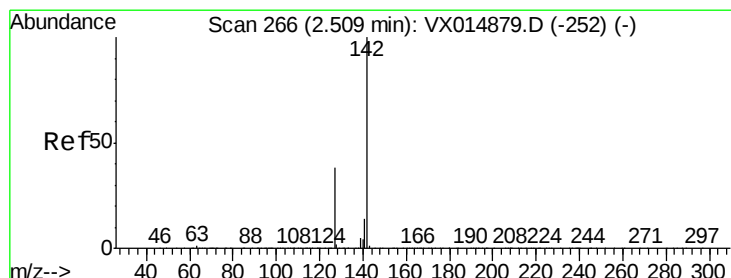
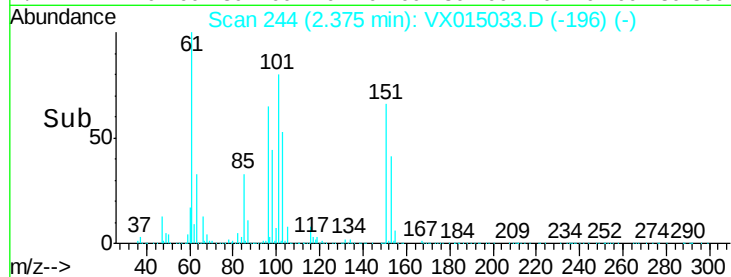
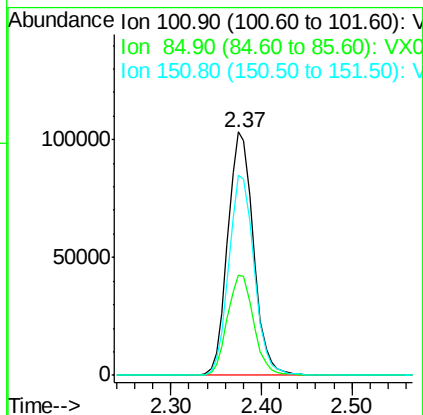
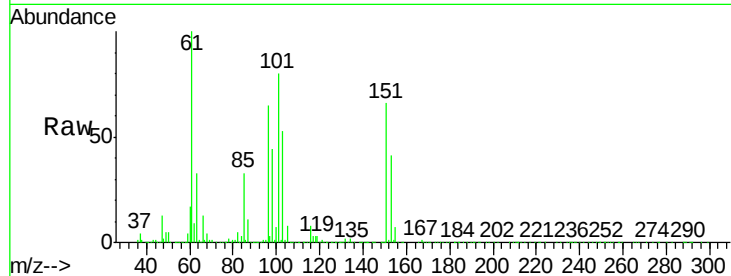
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	202557
Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.1	51.1
151	82.2	67.3	100.9



#10

Methyl Iodide

Concen: 44.48 ug/l

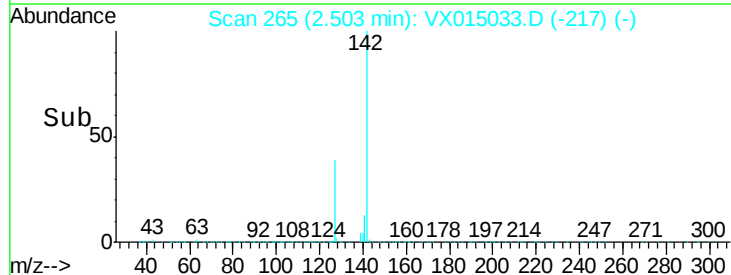
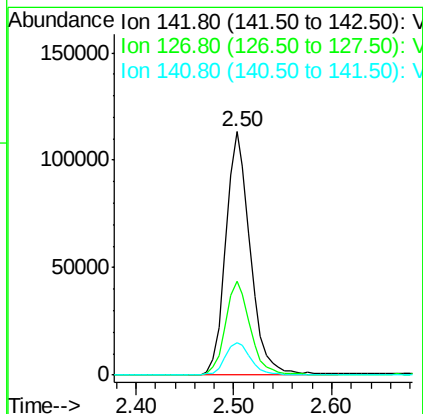
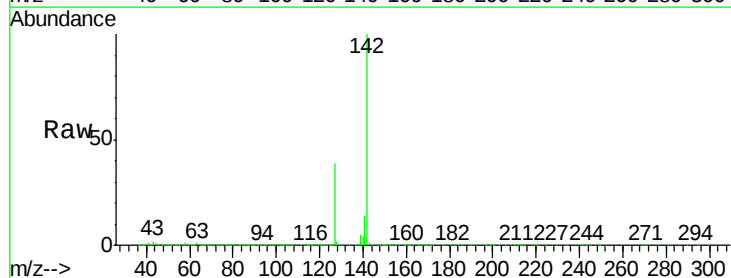
RT: 2.50 min Scan# 265

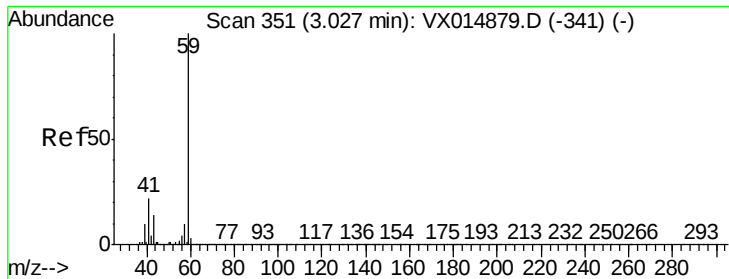
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	142	Resp:	196718
Ion	Ratio	Lower	Upper
142	100		
127	39.0	31.1	46.7
141	14.4	11.3	16.9

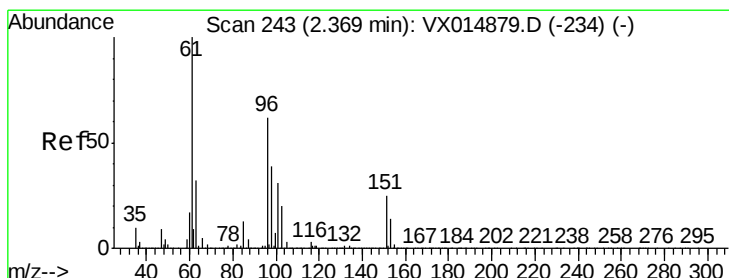
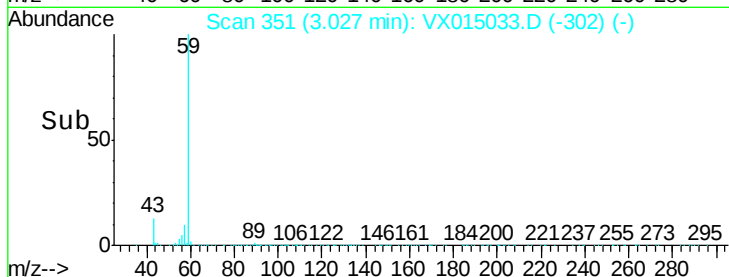
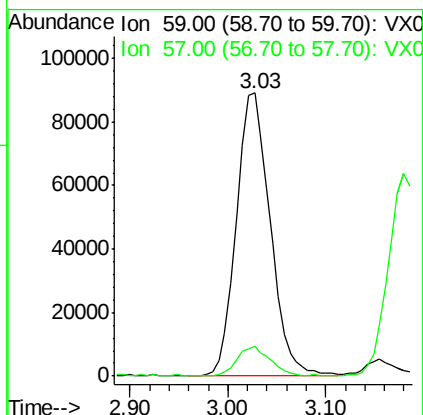
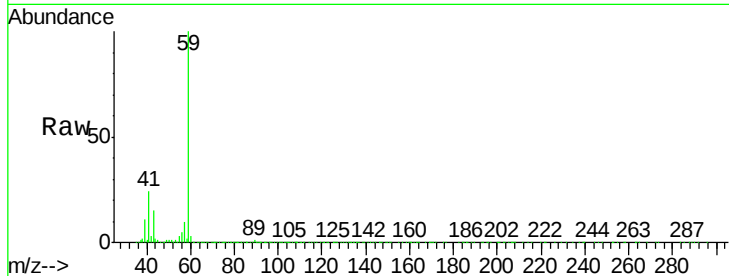




#11
Tert butyl alcohol
Concen: 249.85 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

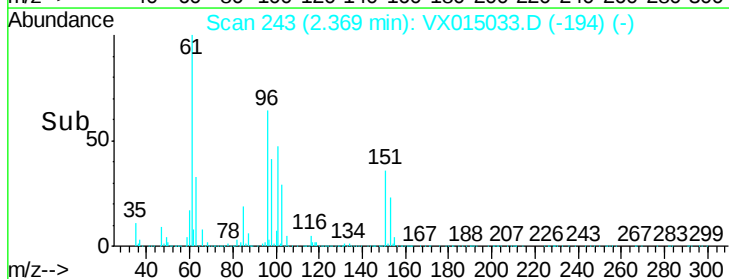
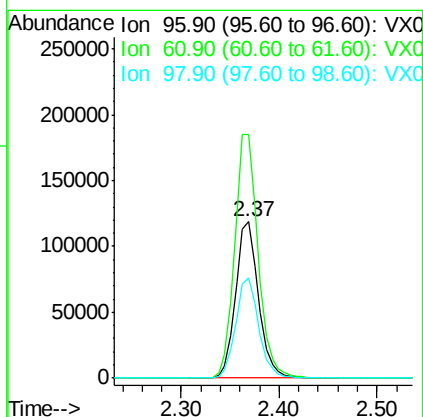
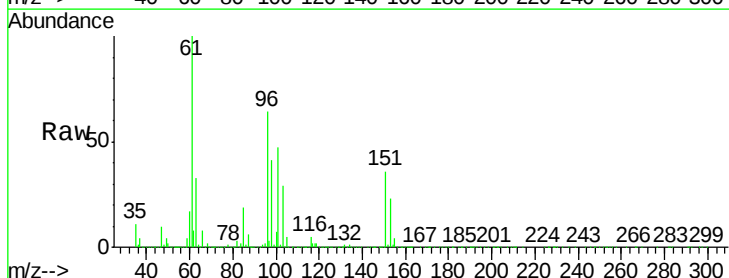
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

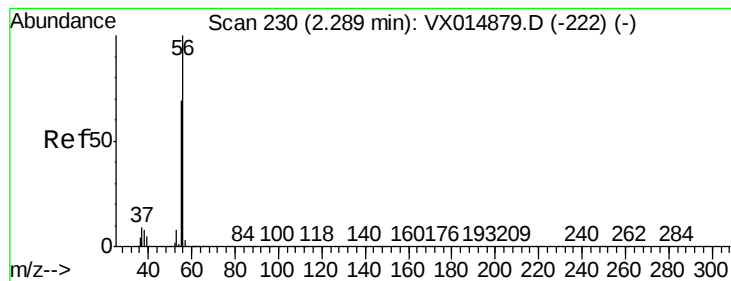
Tgt Ion: 59 Resp: 213073
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.98 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 96 Resp: 192144
Ion Ratio Lower Upper
96 100
61 155.4 129.5 194.3
98 64.3 50.6 76.0





#13

Acrolein

Concen: 218.71 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

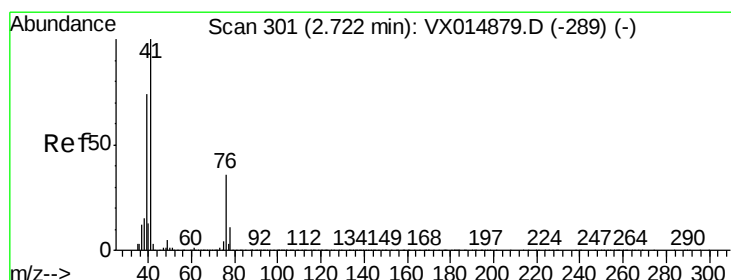
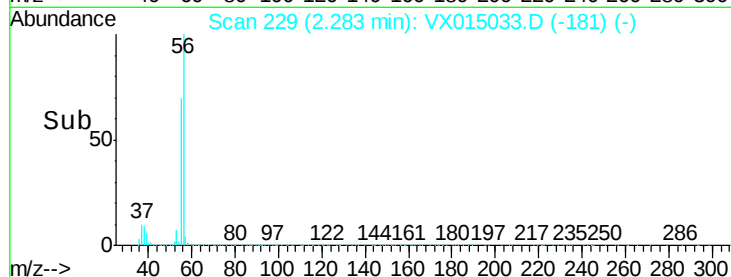
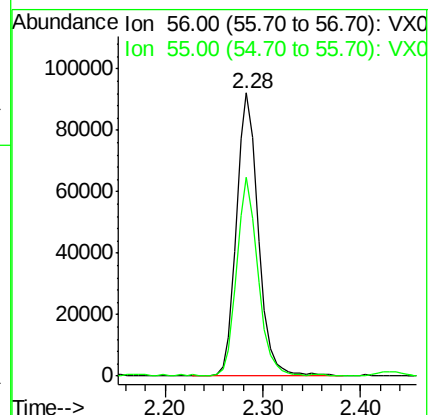
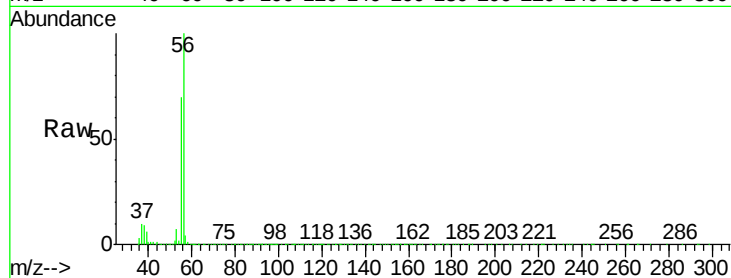
VSTDCCC050

Tgt Ion: 56 Resp: 142159

Ion Ratio Lower Upper

56 100

55 68.1 55.0 82.4



#14

Allyl chloride

Concen: 49.87 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

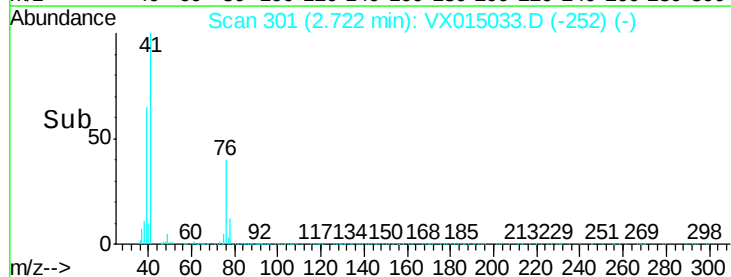
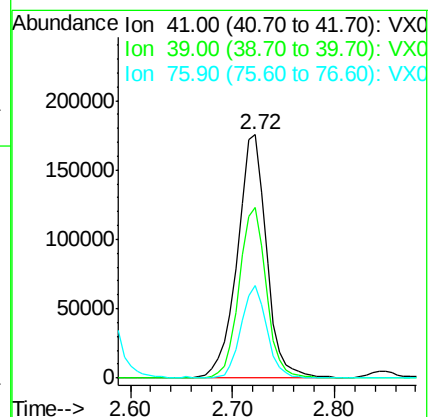
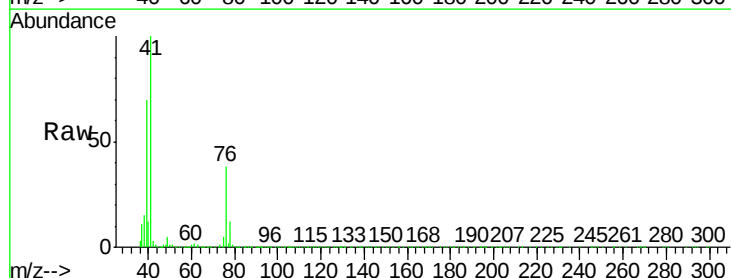
Tgt Ion: 41 Resp: 346832

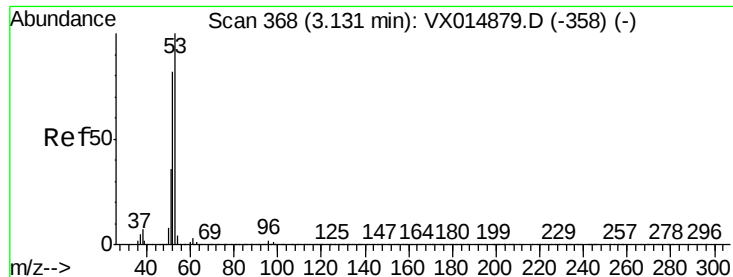
Ion Ratio Lower Upper

41 100

39 65.1 55.2 82.8

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 268.05 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

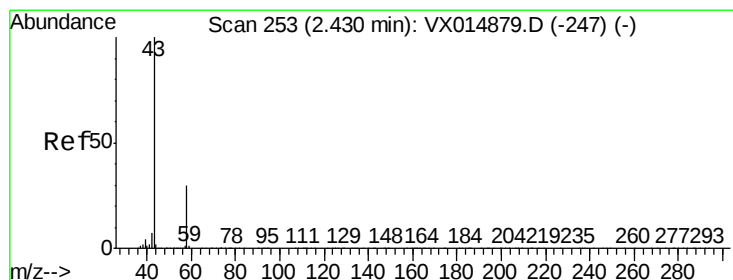
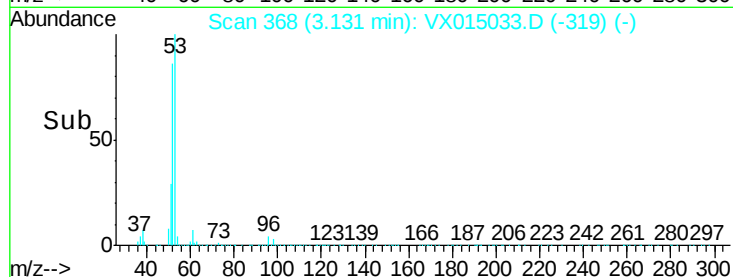
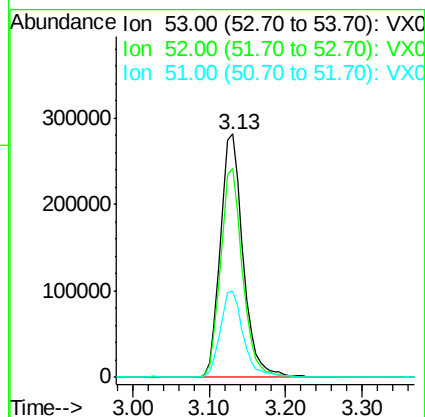
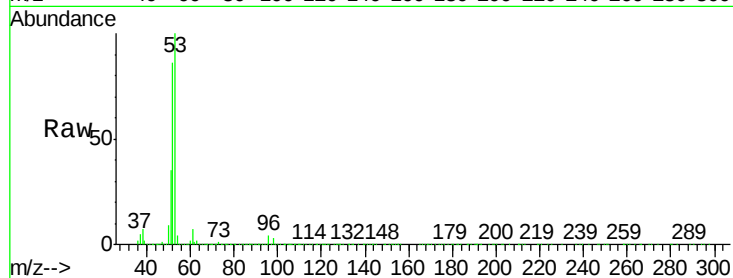
Tgt Ion: 53 Resp: 579510

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

51 36.0 29.1 43.7



#16

Acetone

Concen: 281.13 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015033.D

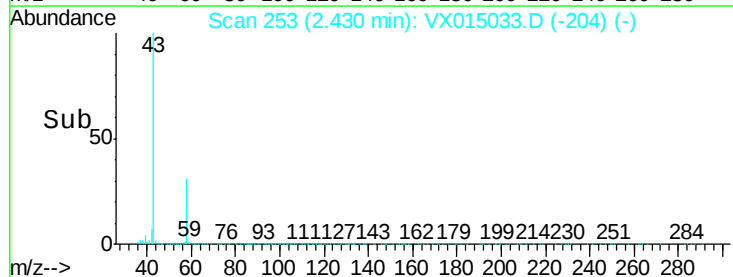
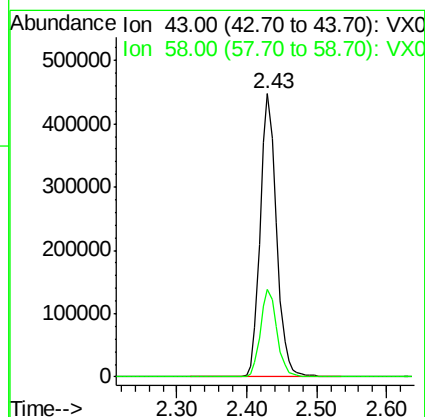
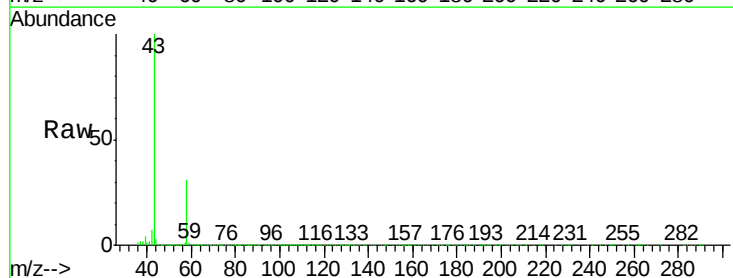
Acq: 27 Feb 2020 08:49

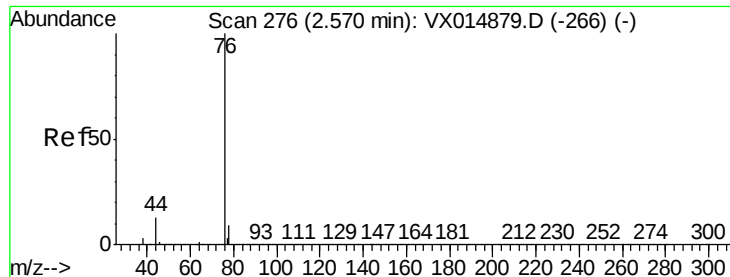
Tgt Ion: 43 Resp: 725870

Ion Ratio Lower Upper

43 100

58 30.7 24.1 36.1

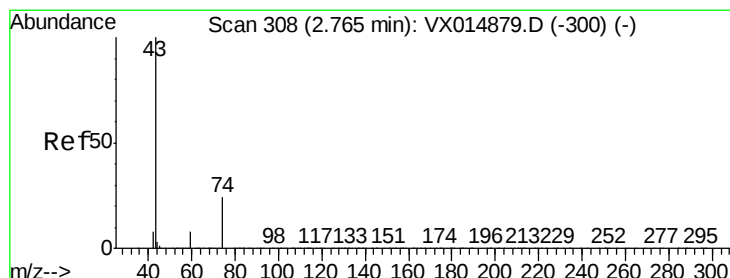
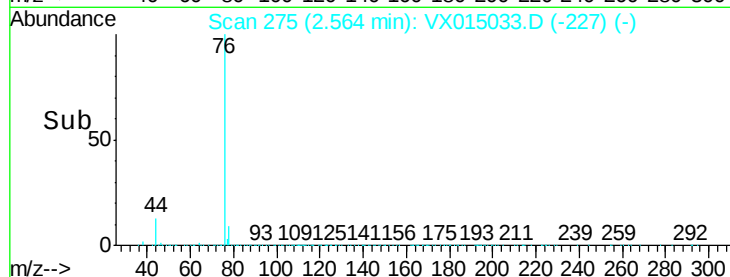
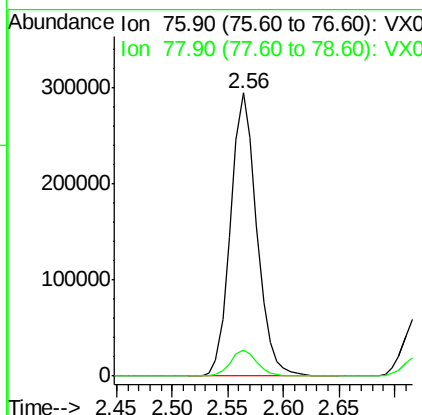
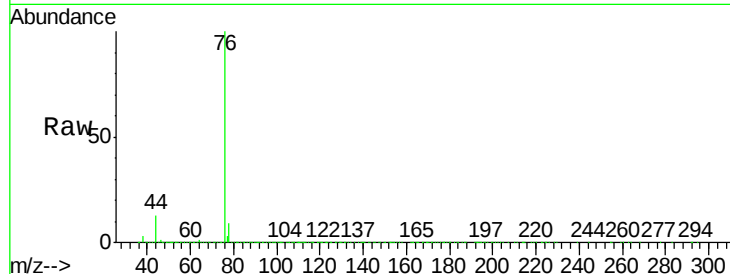




#17
Carbon Disulfide
Concen: 43.77 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

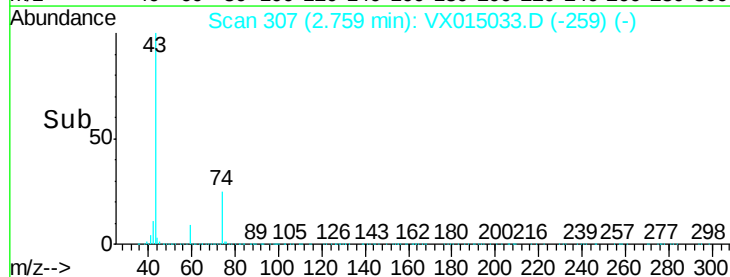
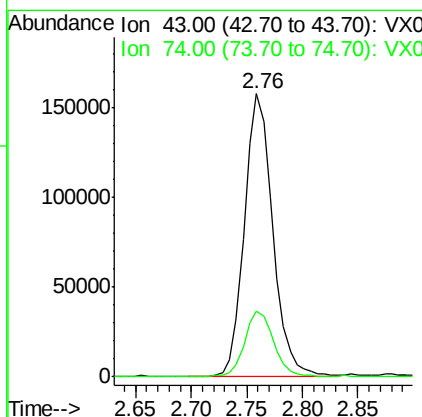
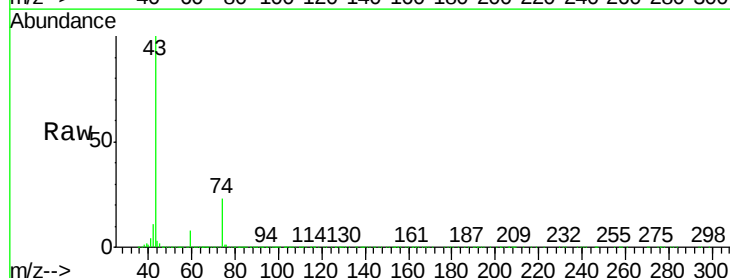
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

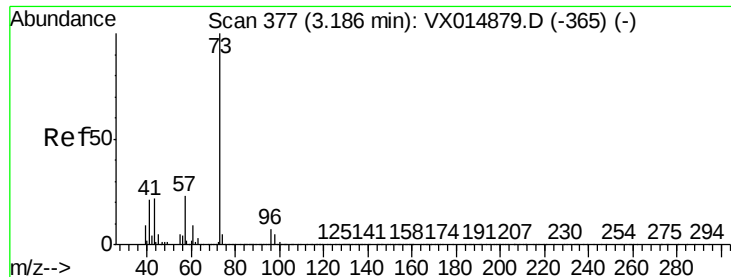
Tgt Ion: 76 Resp: 479739
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 57.10 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 43 Resp: 277782
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0

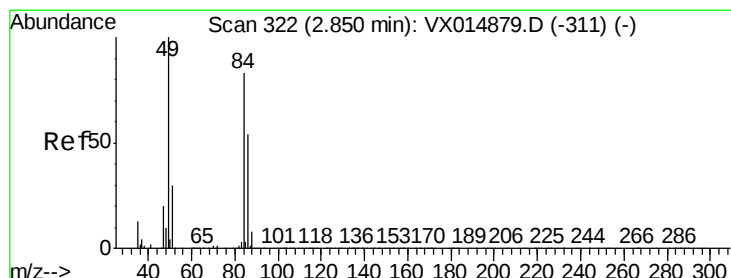
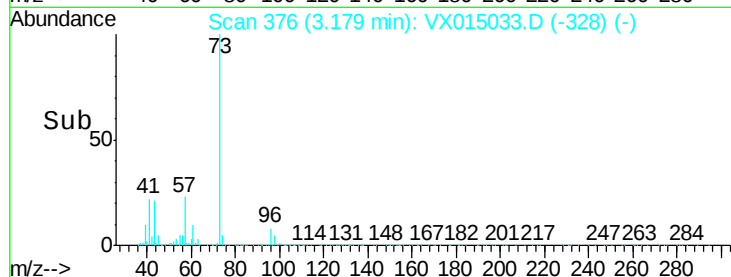
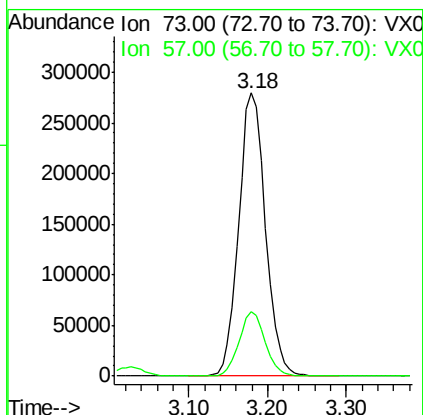
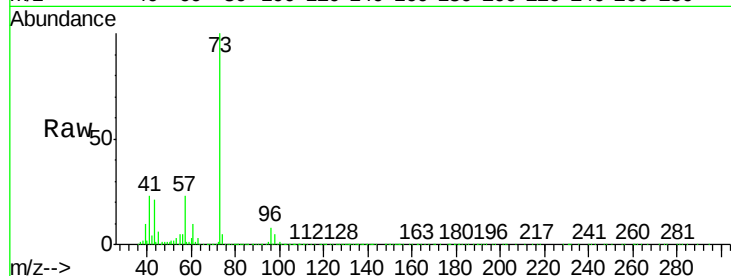




#19
Methyl tert-butyl Ether
Concen: 51.60 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

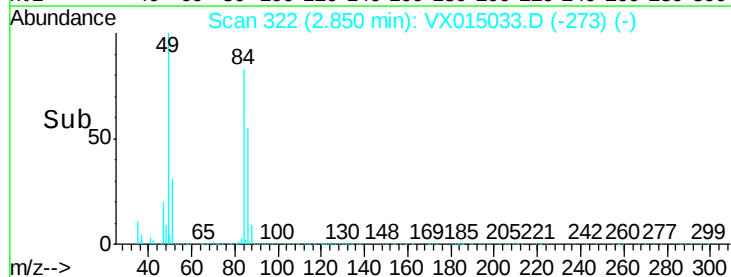
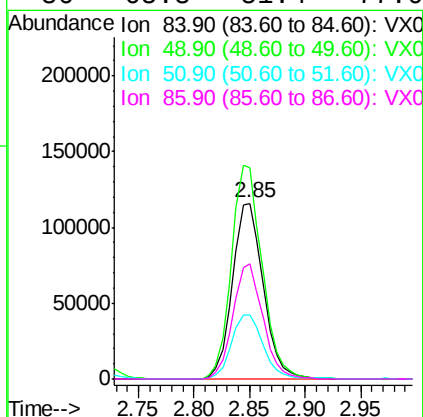
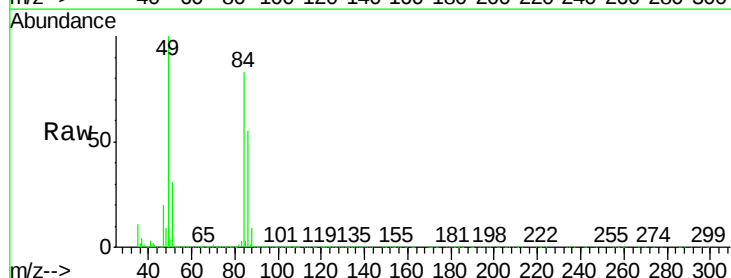
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

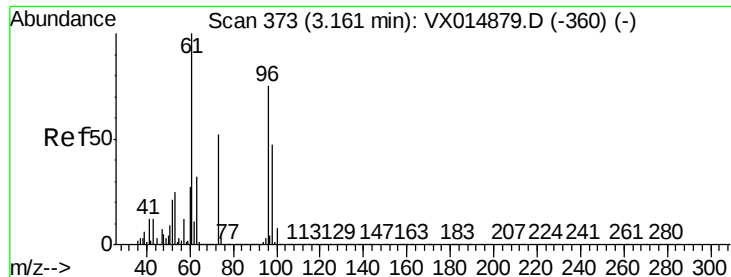
Tgt Ion: 73 Resp: 658828
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 47.68 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 84 Resp: 221543
Ion Ratio Lower Upper
84 100
49 119.9 95.6 143.4
51 36.8 29.0 43.6
86 65.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.81 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

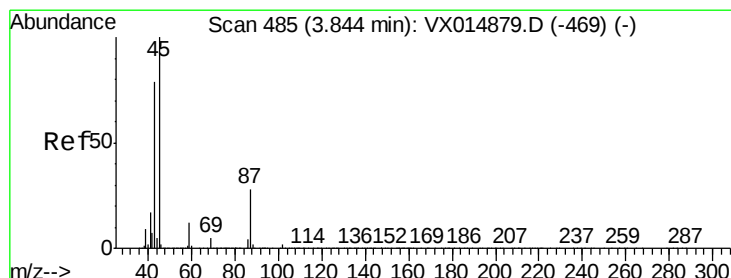
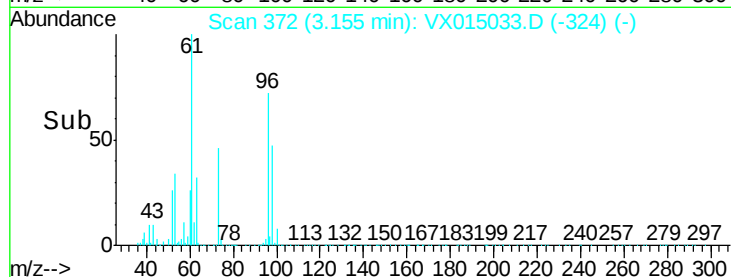
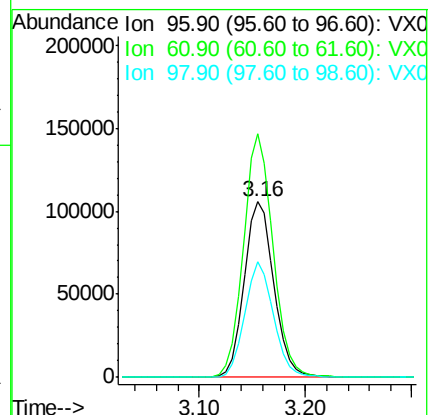
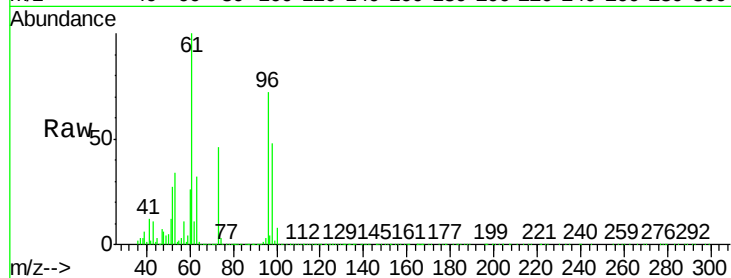
Tgt Ion: 96 Resp: 206933

Ion Ratio Lower Upper

96 100

61 138.8 106.9 160.3

98 66.0 50.7 76.1



#22

Diisopropyl ether

Concen: 54.29 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion: 45 Resp: 721117

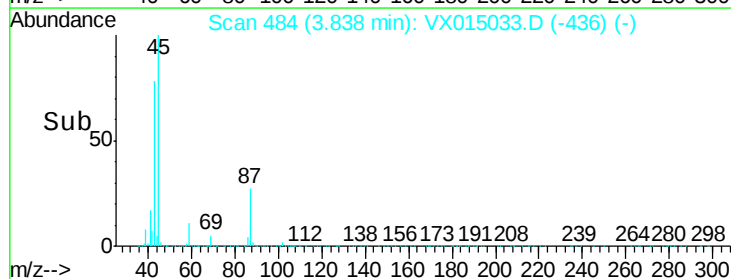
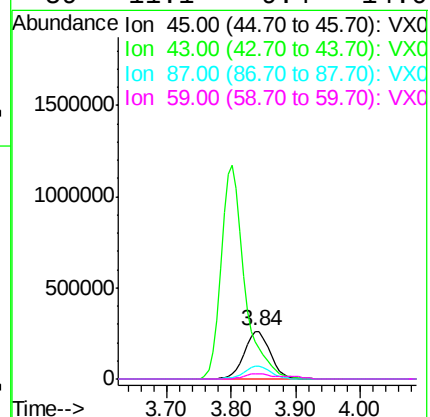
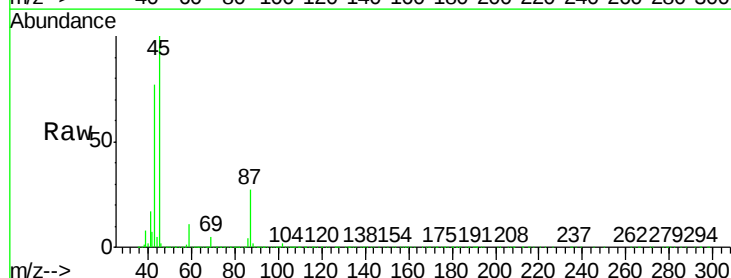
Ion Ratio Lower Upper

45 100

43 77.4 63.5 95.3

87 26.9 22.2 33.4

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 274.97 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

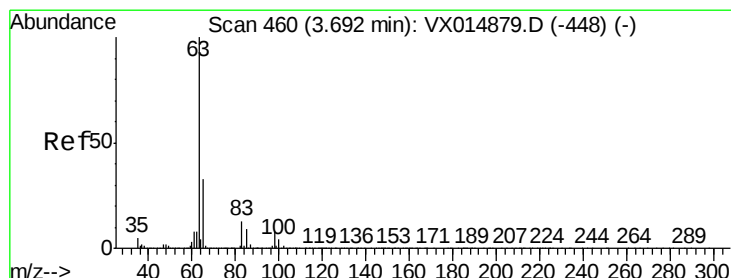
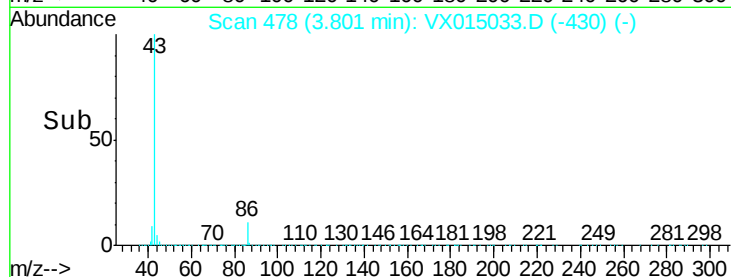
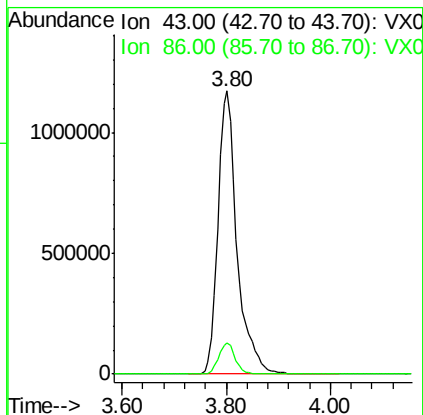
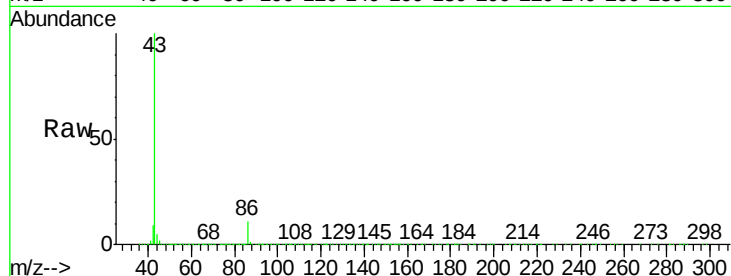
VSTDCCC050

Tgt Ion: 43 Resp: 3010978

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.53 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

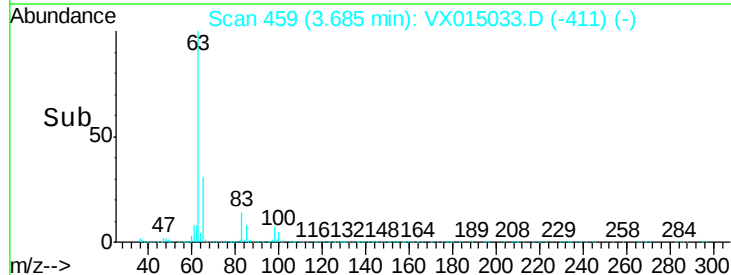
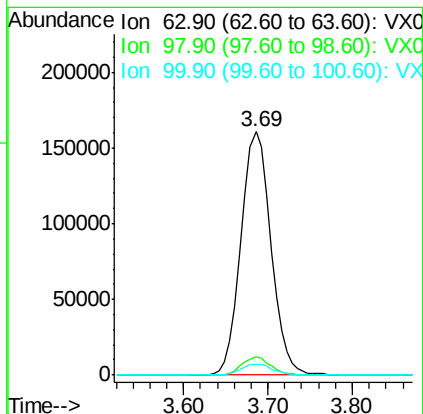
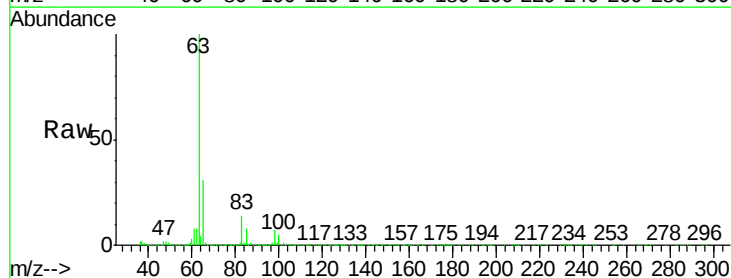
Tgt Ion: 63 Resp: 386324

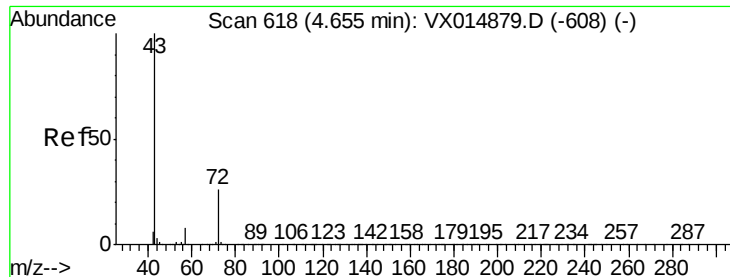
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 277.43 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

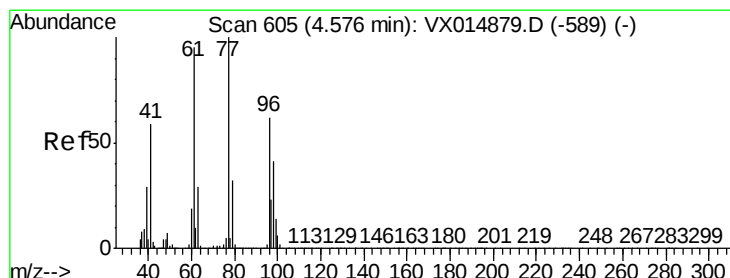
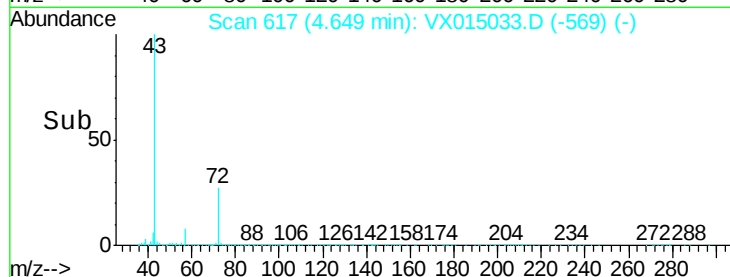
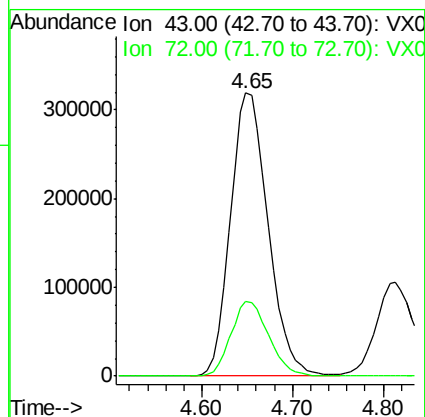
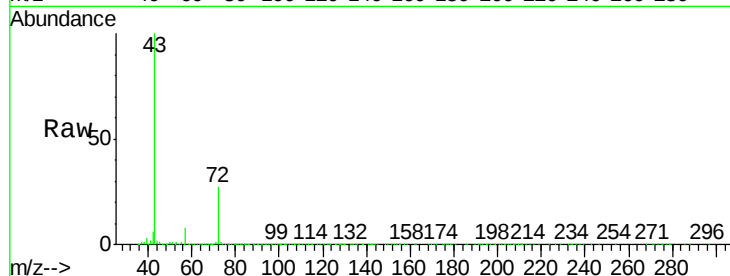
VSTDCCC050

Tgt Ion: 43 Resp: 912270

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.50 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015033.D

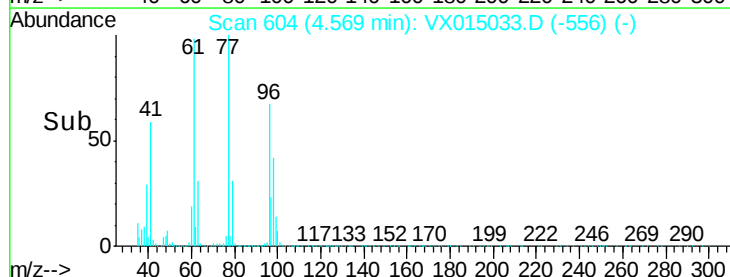
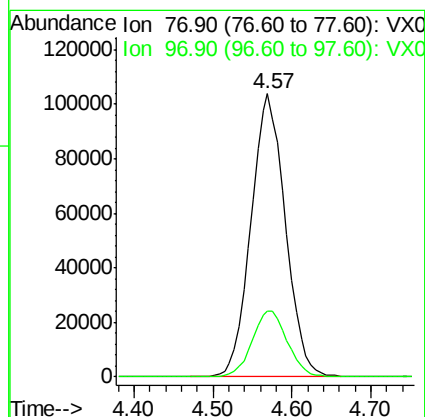
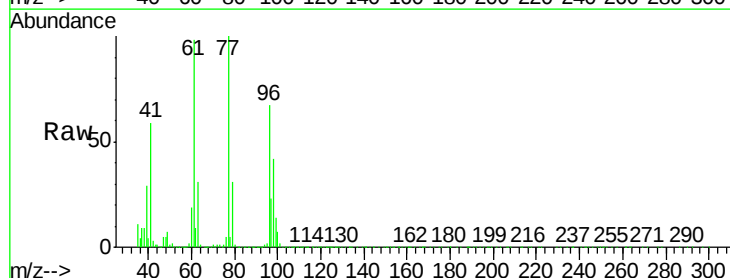
Acq: 27 Feb 2020 08:49

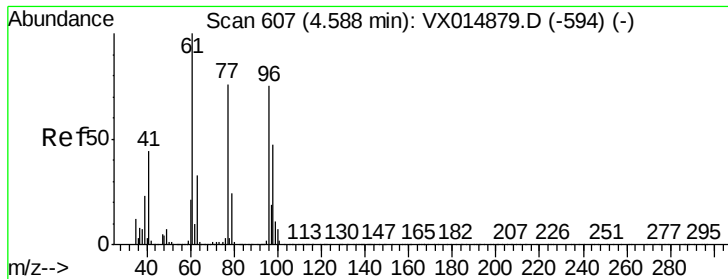
Tgt Ion: 77 Resp: 313318

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.08 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

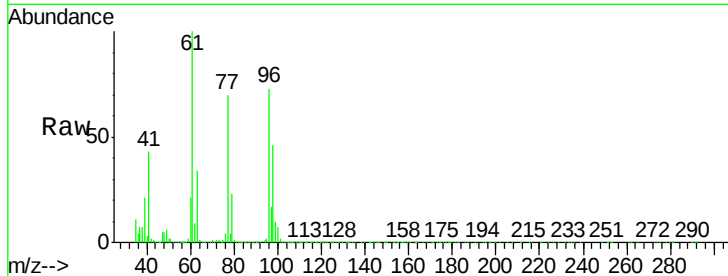
Tgt Ion: 96 Resp: 247165

Ion Ratio Lower Upper

96 100

61 140.2 0.0 286.2

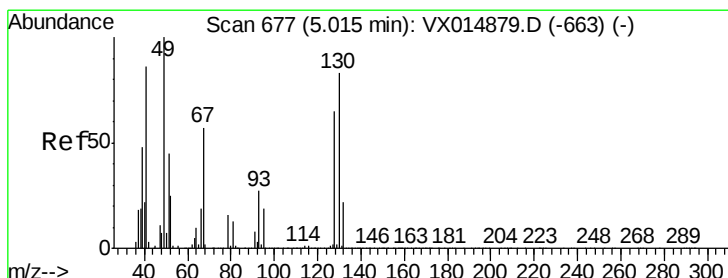
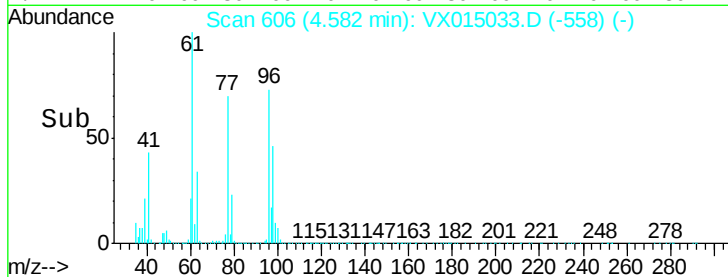
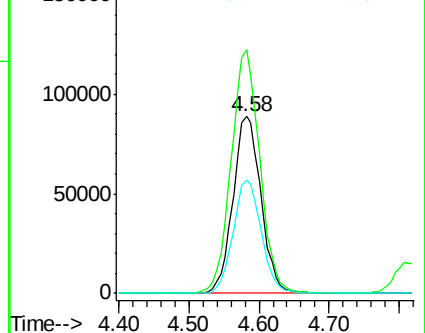
98 64.4 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 56.45 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.02 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

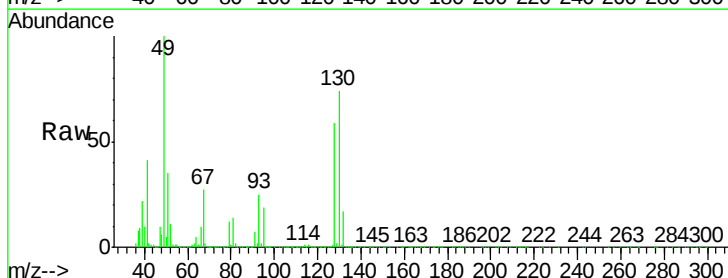
Tgt Ion: 49 Resp: 164023

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

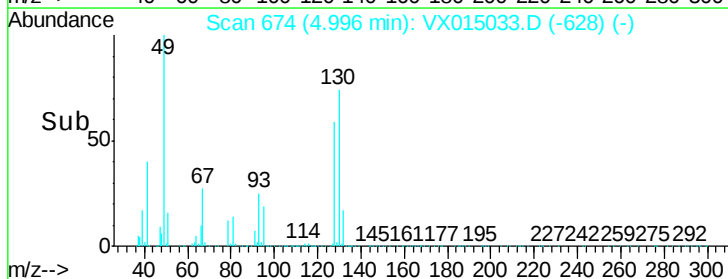
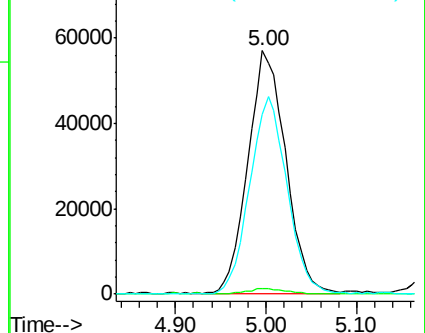
130 80.3 67.4 101.2

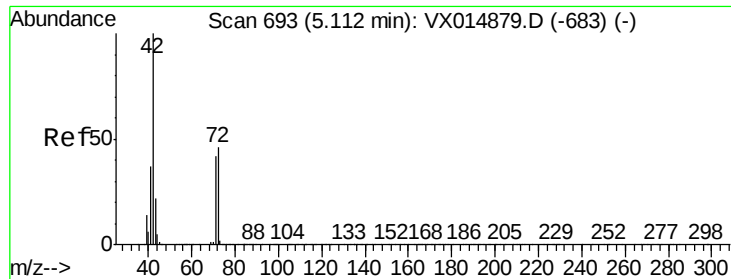


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

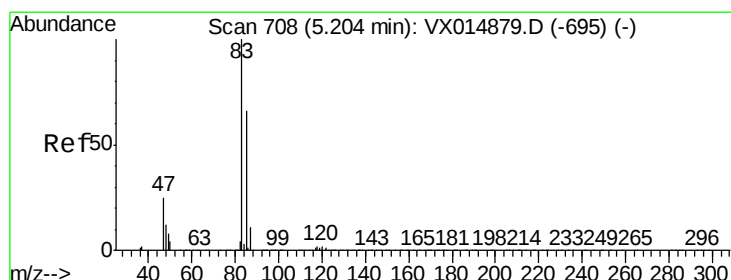
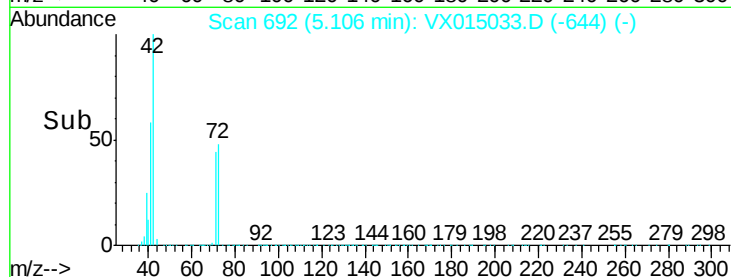
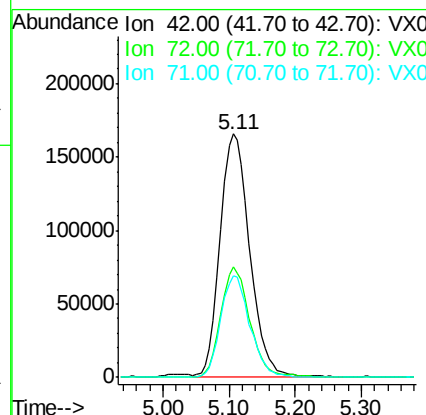
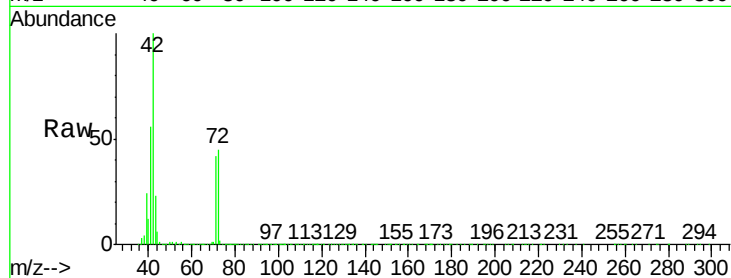




#29
Tetrahydrofuran
Concen: 273.67 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

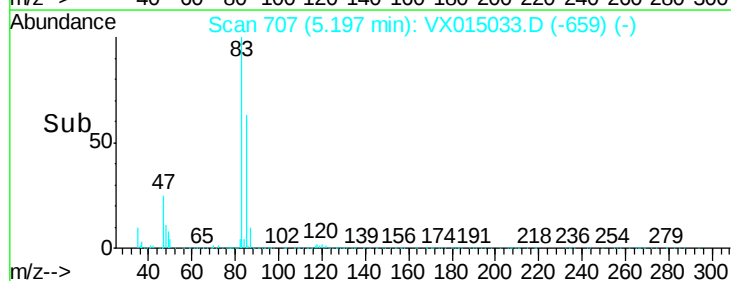
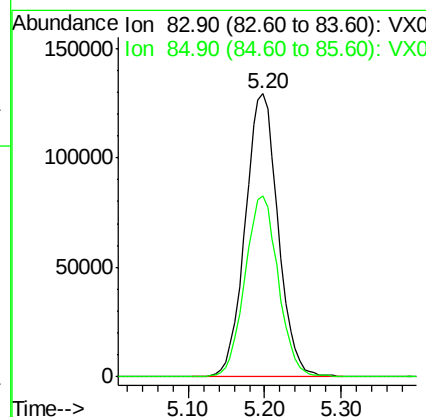
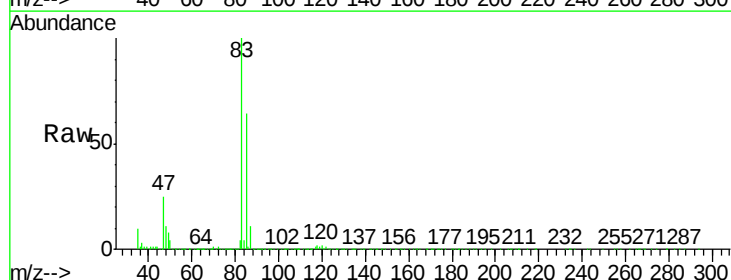
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

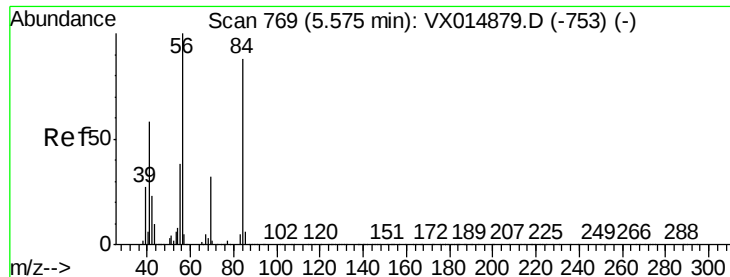
Tgt Ion: 42 Resp: 511563
Ion Ratio Lower Upper
42 100
72 44.8 36.9 55.3
71 41.3 34.1 51.1



#30
Chloroform
Concen: 51.84 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 83 Resp: 385573
Ion Ratio Lower Upper
83 100
85 63.8 52.9 79.3

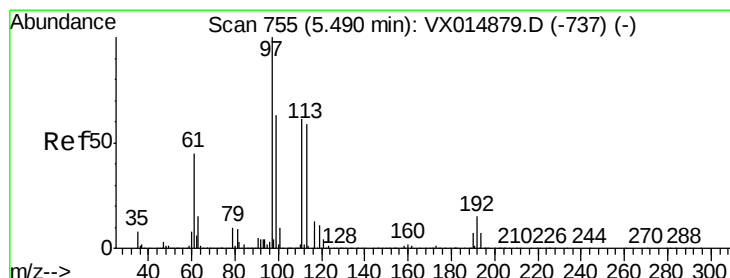
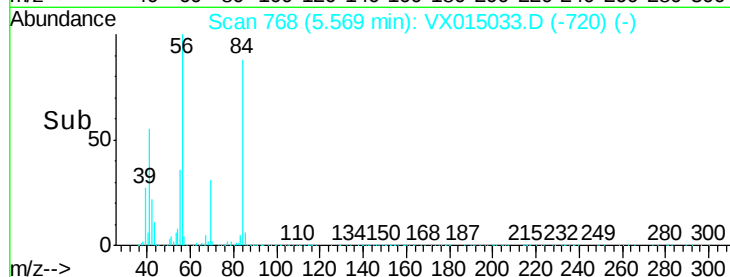
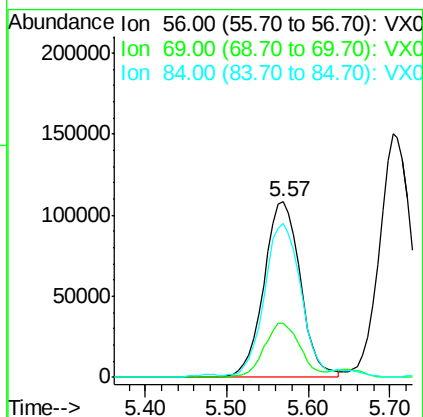
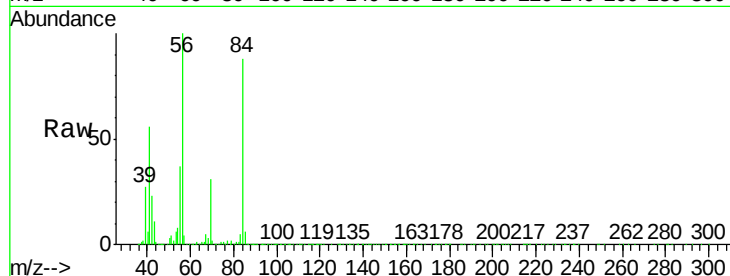




#31
Cyclohexane
Concen: 49.23 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

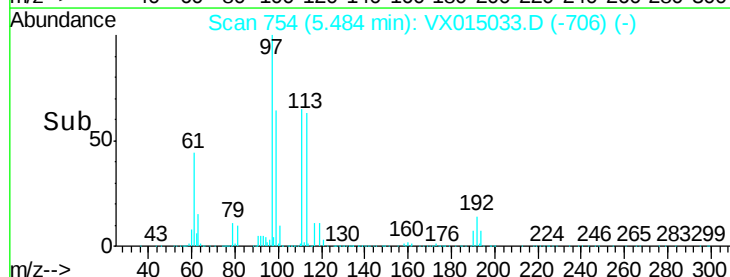
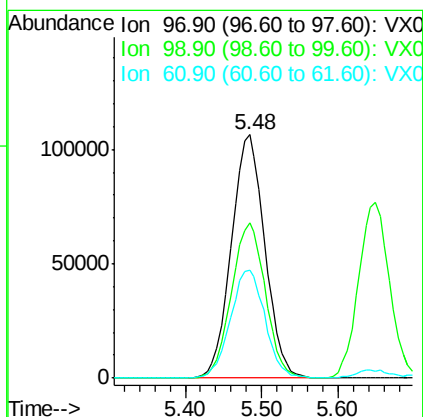
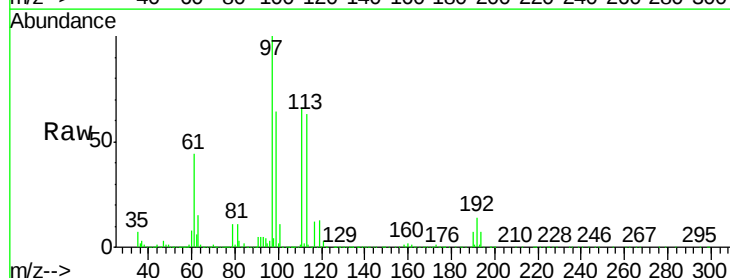
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

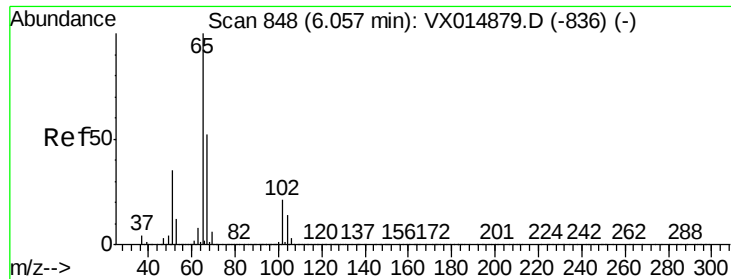
Tgt Ion: 56 Resp: 336186
Ion Ratio Lower Upper
56 100
69 30.5 25.9 38.9
84 87.4 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 49.43 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 97 Resp: 321617
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 45.5 36.3 54.5

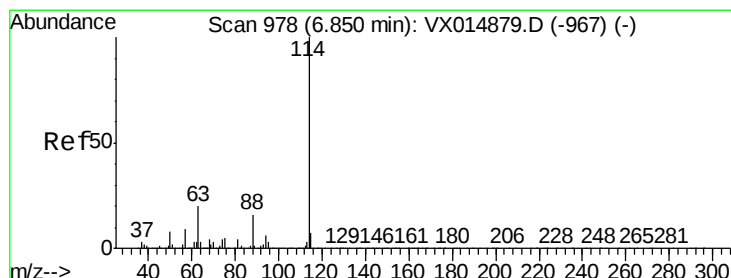
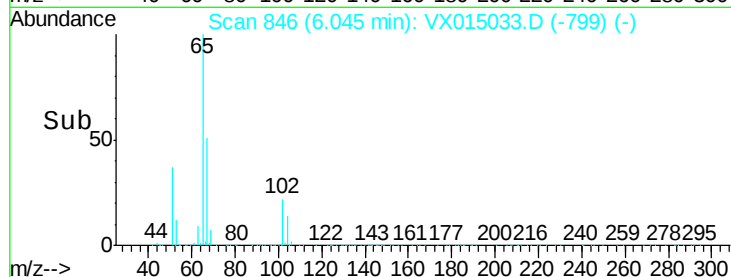
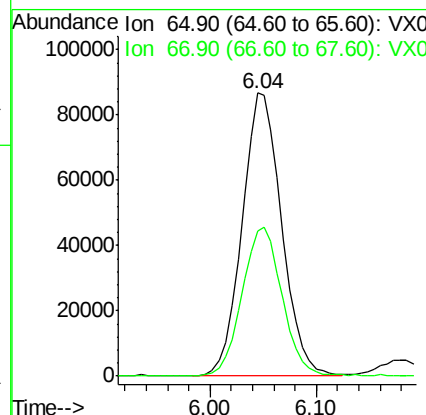
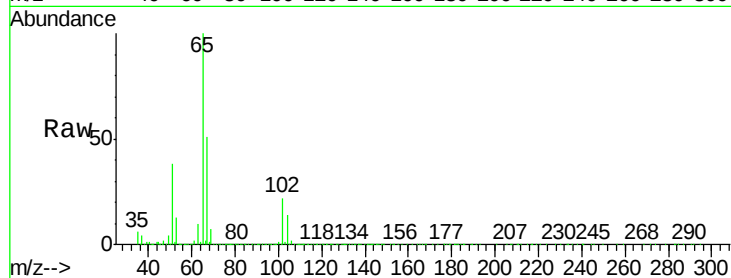




#33
 1,2-Dichloroethane-d4
 Concen: 46.56 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

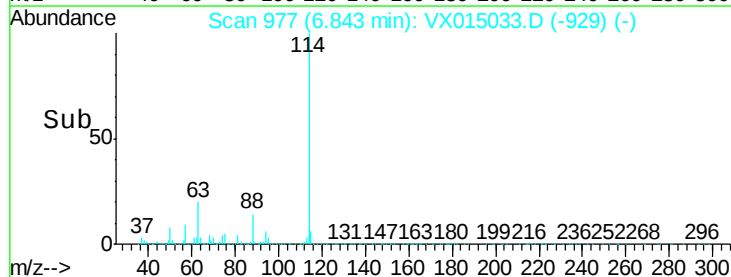
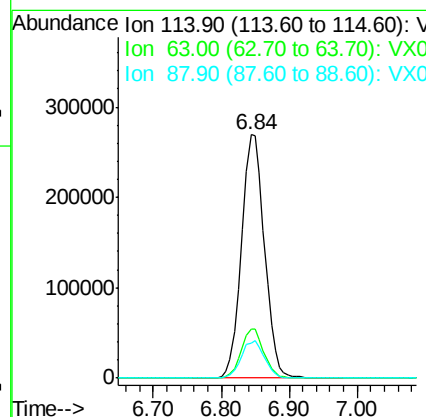
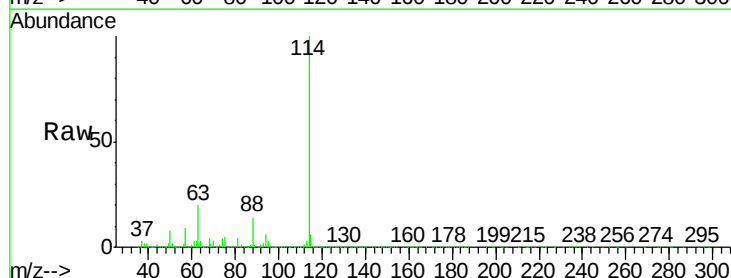
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

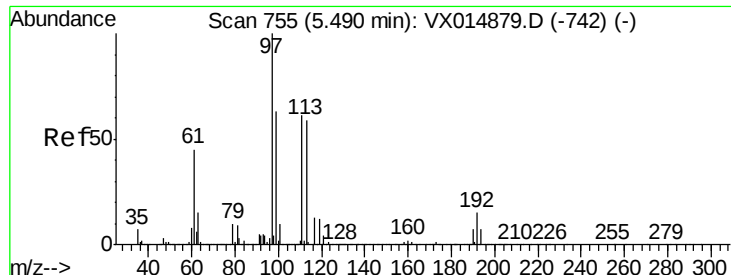
Tgt Ion: 65 Resp: 224875
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion: 114 Resp: 633282
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 14.4 0.0 32.0

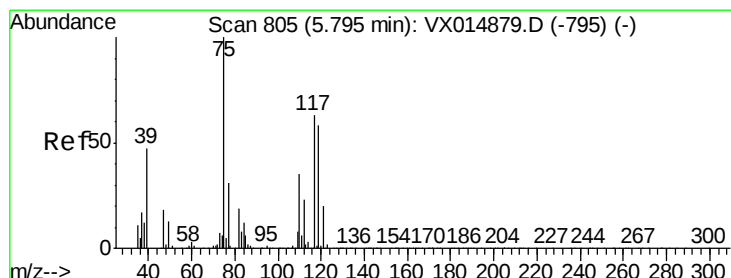
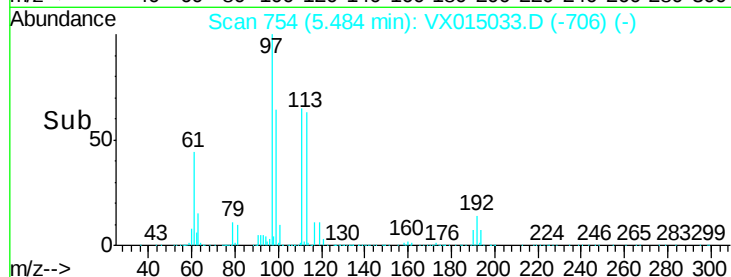
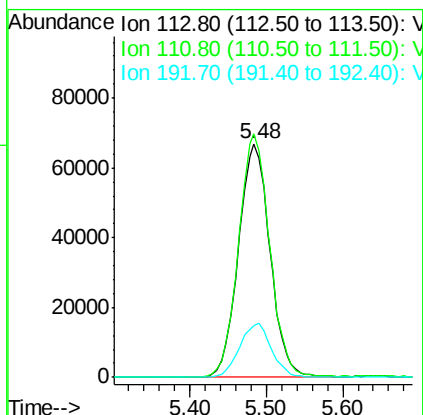
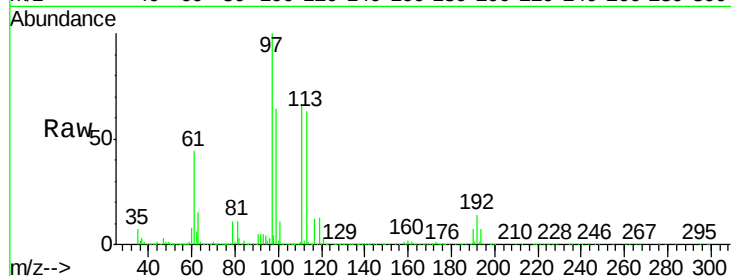




#35
 Dibromofluoromethane
 Concen: 49.04 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

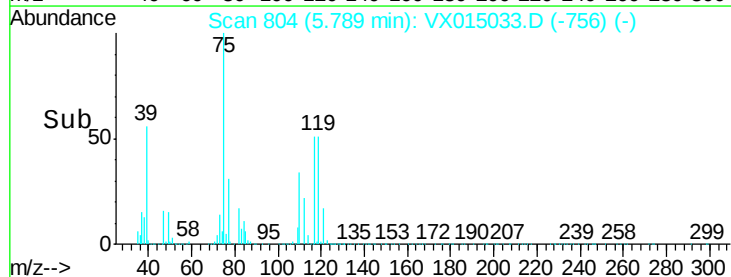
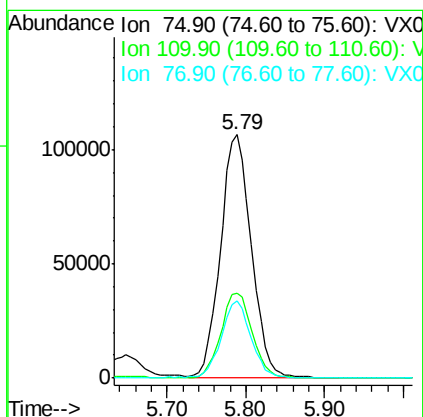
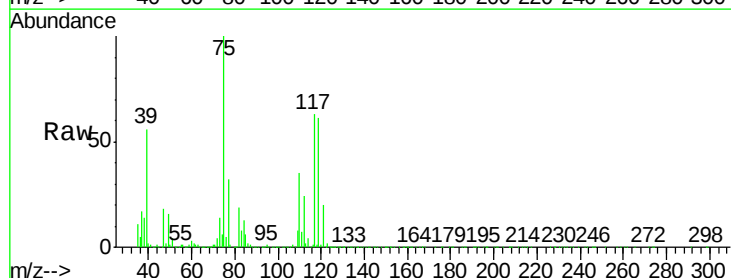
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

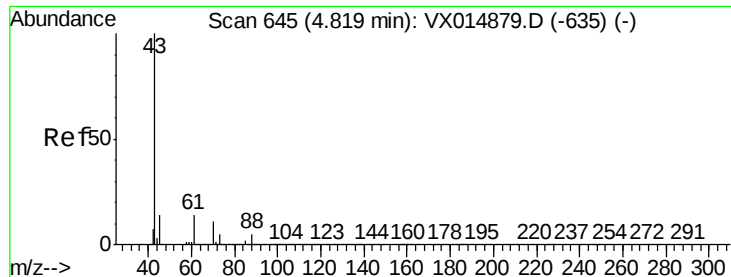
Tgt Ion: 113 Resp: 190926
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 23.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 50.77 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion: 75 Resp: 287615
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.3 54.8
 77 30.7 24.6 36.8

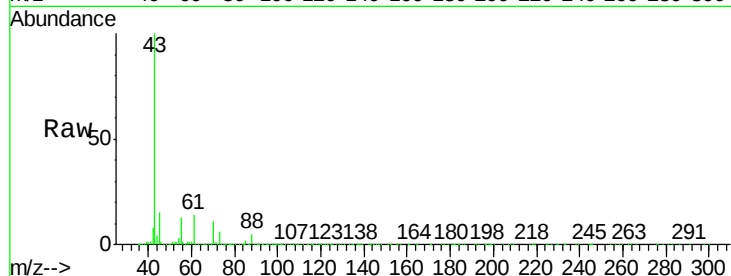




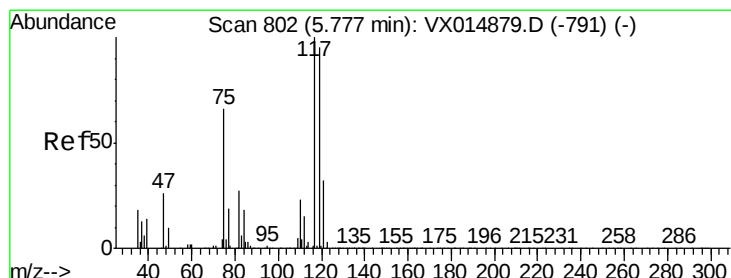
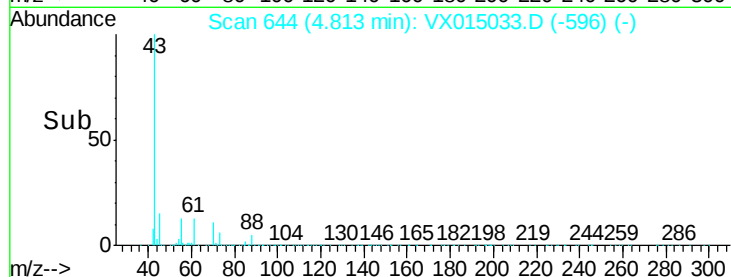
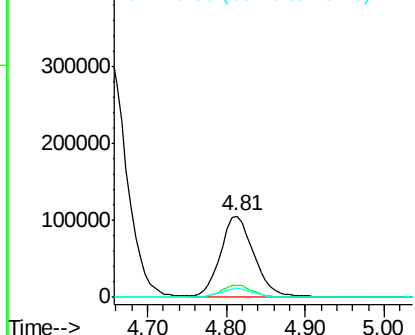
#37
Ethyl Acetate
Concen: 52.49 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	10.7	8.7	13.1

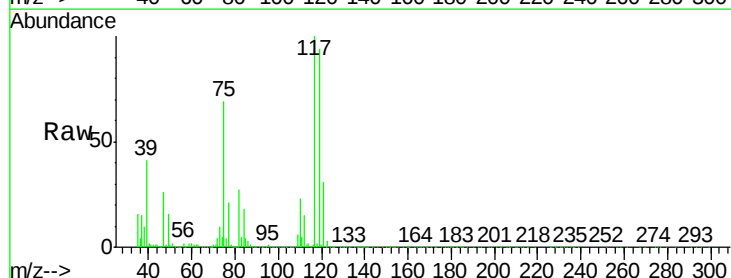


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

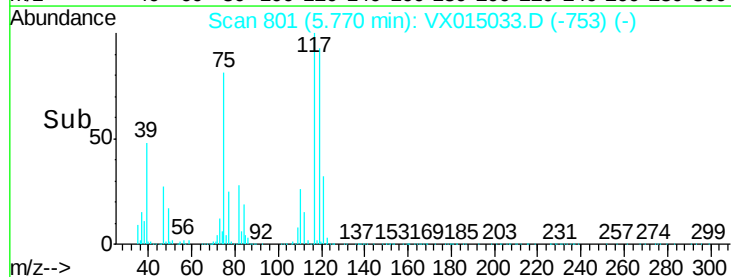
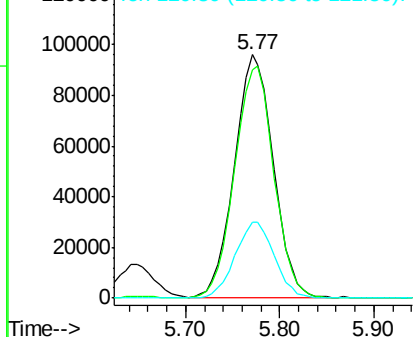


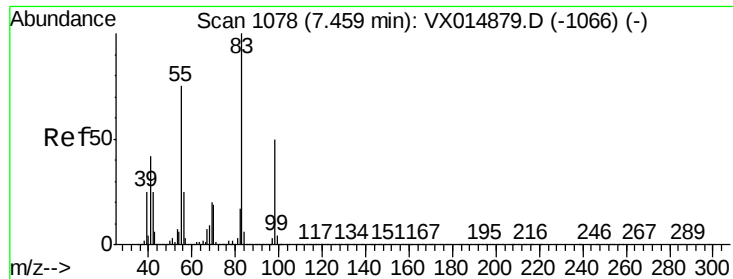
#38
Carbon Tetrachloride
Concen: 50.11 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.0	114.0
121	31.2	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

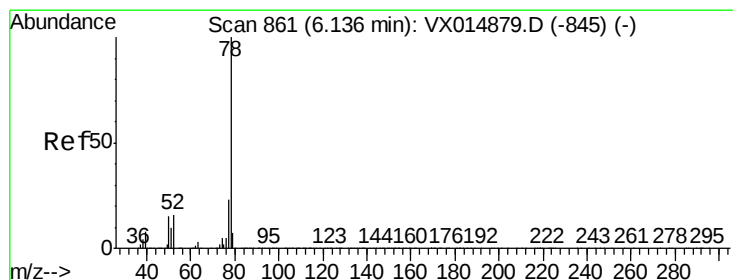
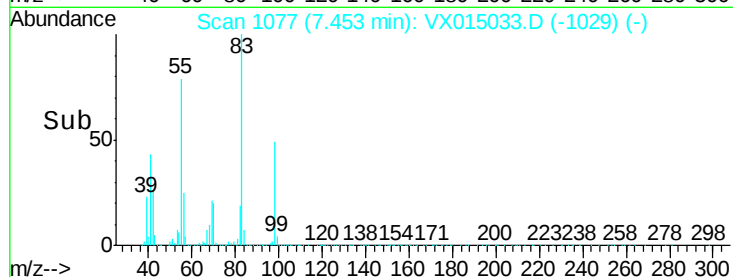
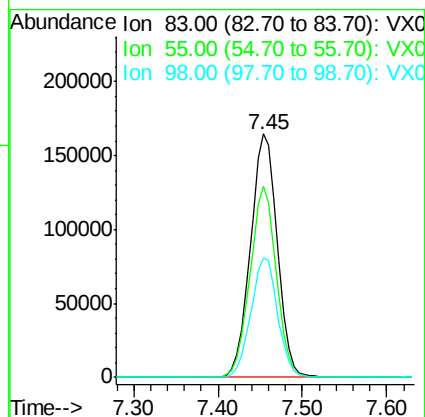
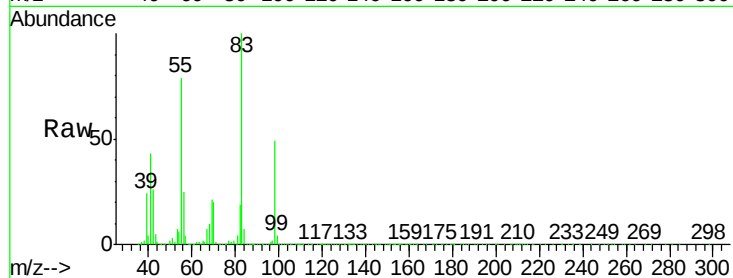




#39
Methylcyclohexane
Concen: 50.41 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

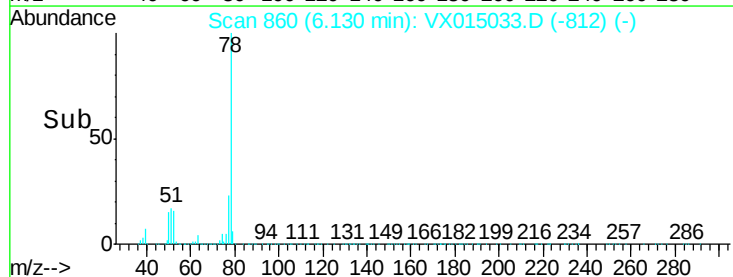
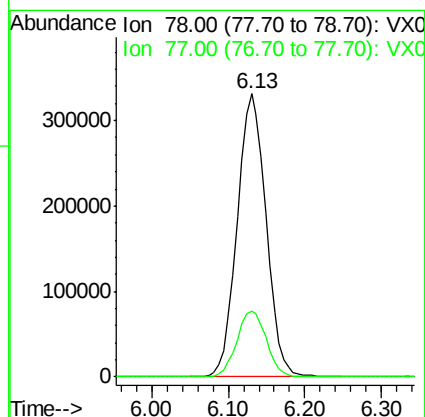
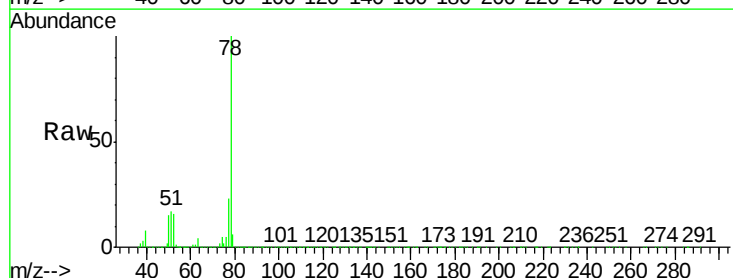
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

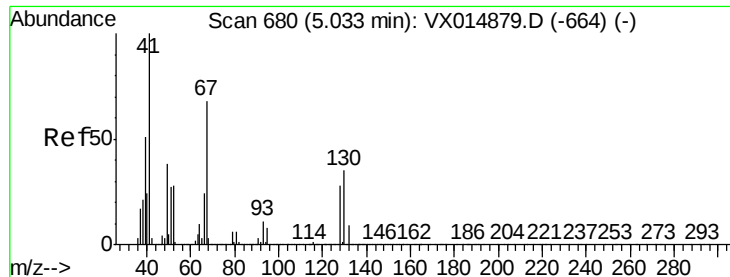
Tgt Ion: 83 Resp: 357176
Ion Ratio Lower Upper
83 100
55 78.6 60.0 90.0
98 49.1 39.6 59.4



#40
Benzene
Concen: 51.18 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 78 Resp: 866216
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#41

Methacrylonitrile

Concen: 55.36 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 176213

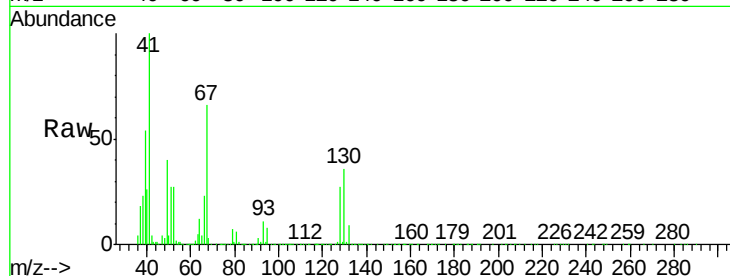
Ion Ratio Lower Upper

41 100

39 54.7 44.7 67.1

67 70.8 56.6 84.8

52 28.3 22.3 33.5

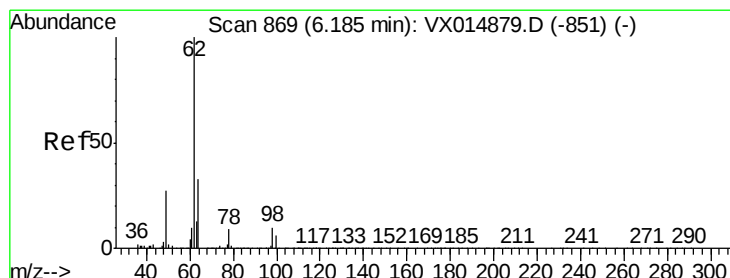
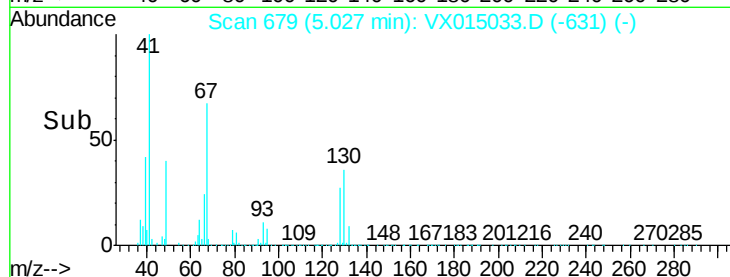
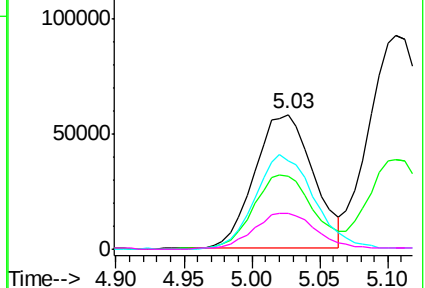


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.42 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015033.D

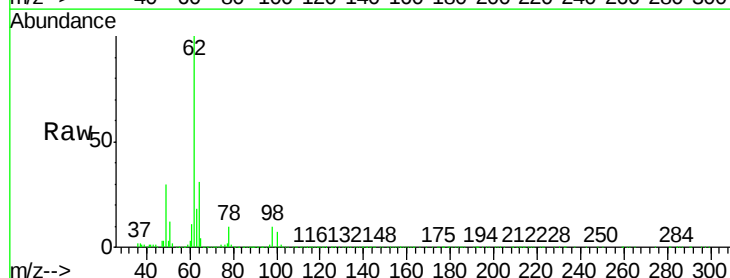
Acq: 27 Feb 2020 08:49

Tgt Ion: 62 Resp: 302317

Ion Ratio Lower Upper

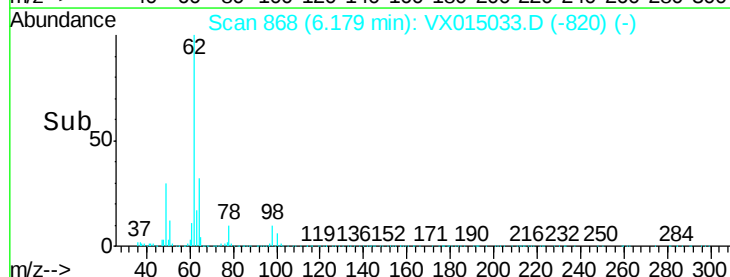
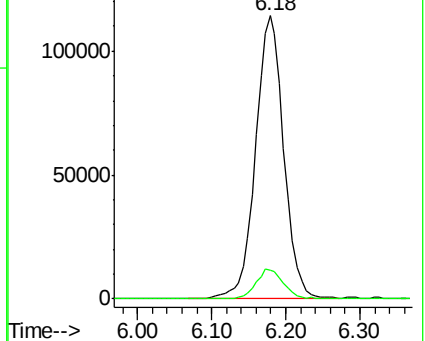
62 100

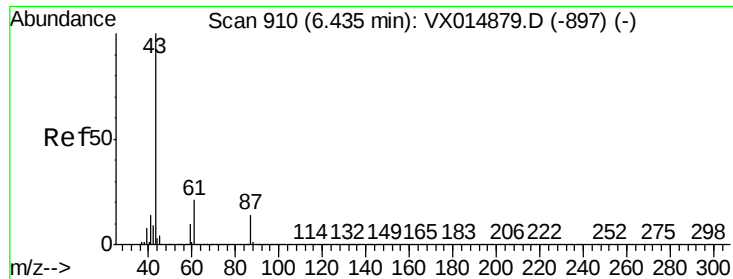
98 10.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.92 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

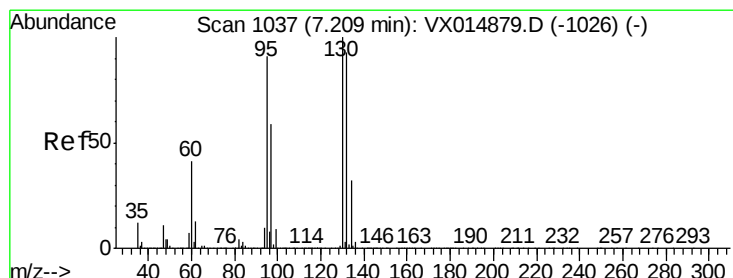
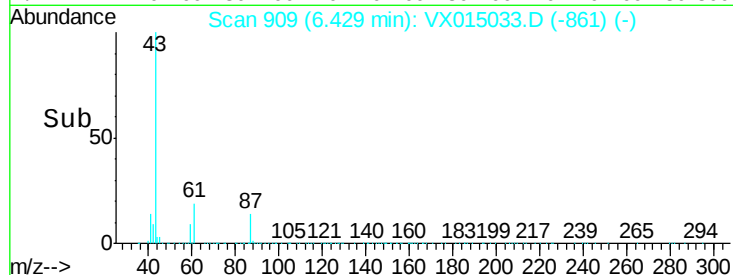
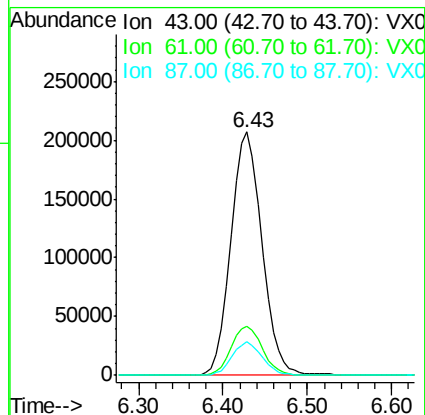
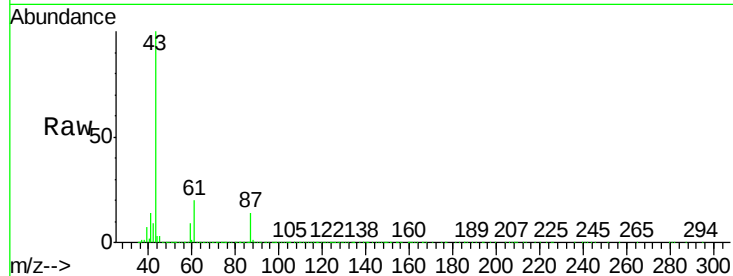
Tgt Ion: 43 Resp: 515789

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.4

87 13.3 11.0 16.6



#44

Trichloroethene

Concen: 49.72 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015033.D

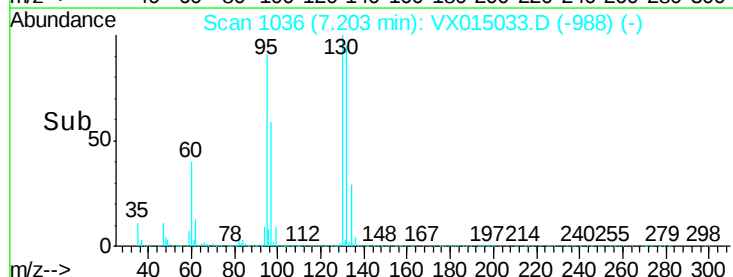
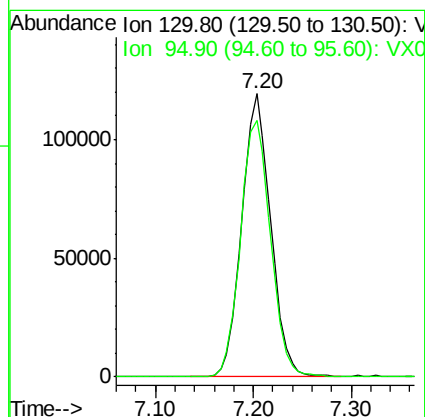
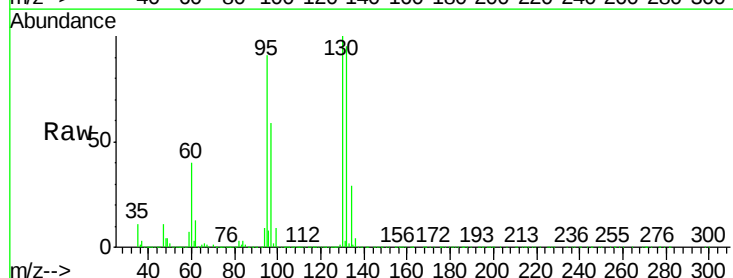
Acq: 27 Feb 2020 08:49

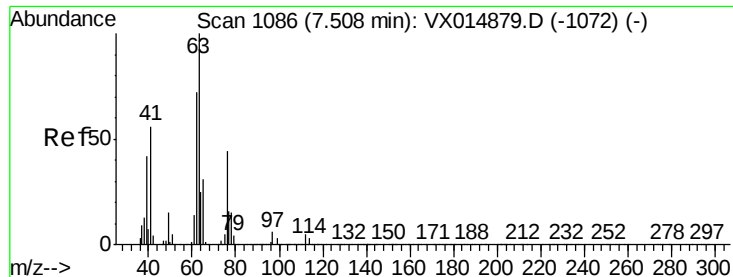
Tgt Ion: 130 Resp: 244283

Ion Ratio Lower Upper

130 100

95 90.7 0.0 182.6

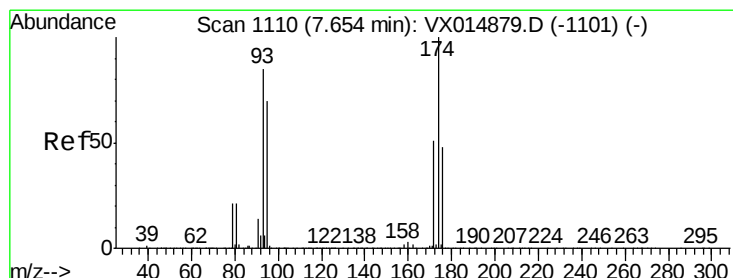
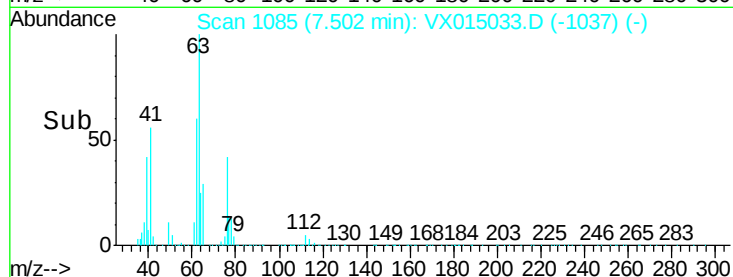
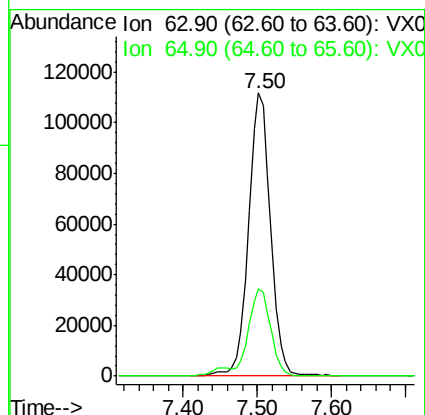
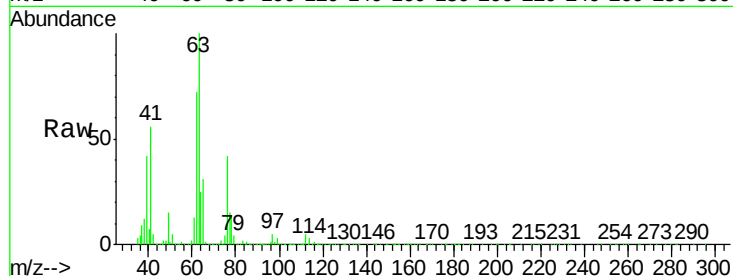




#45
 1,2-Dichloropropane
 Concen: 53.35 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

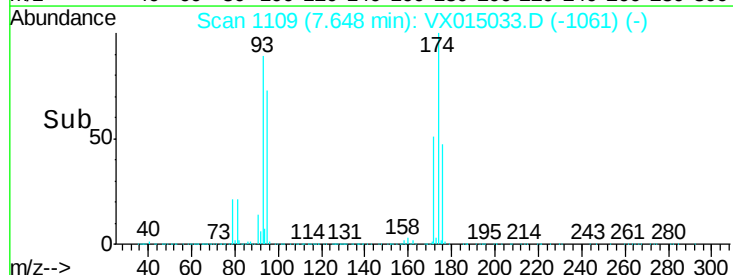
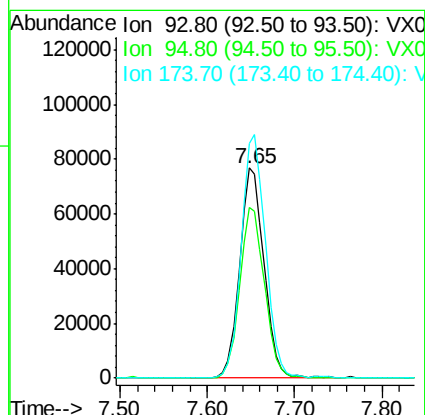
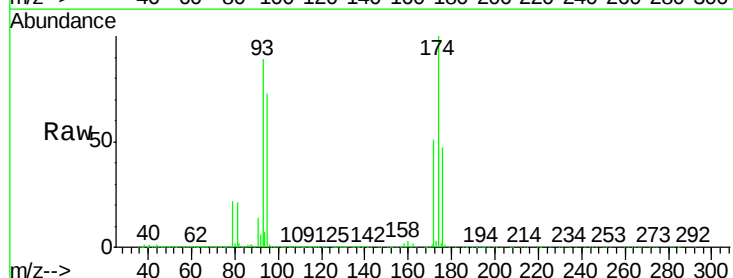
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

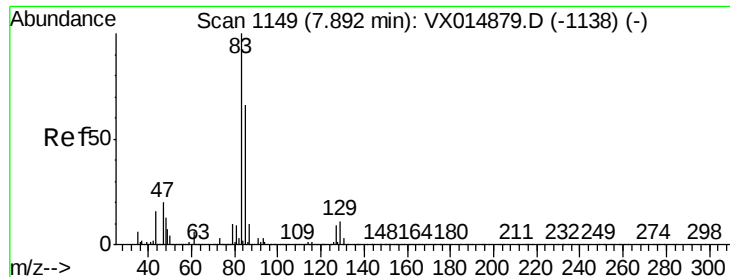
Tgt Ion: 63 Resp: 230302
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3



#46
 Dibromomethane
 Concen: 50.41 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion: 93 Resp: 148730
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 115.1 95.4 143.2





#47

Bromodichloromethane

Concen: 52.19 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

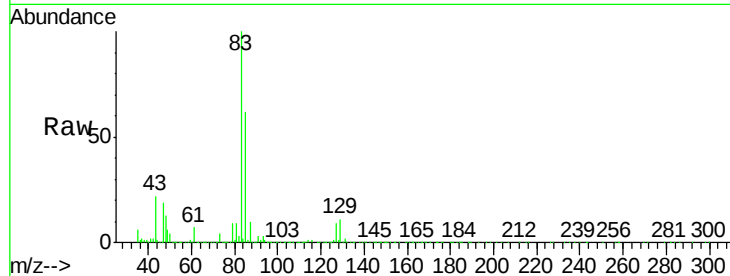
Tgt Ion: 83 Resp: 305326

Ion Ratio Lower Upper

83 100

85 61.9 52.5 78.7

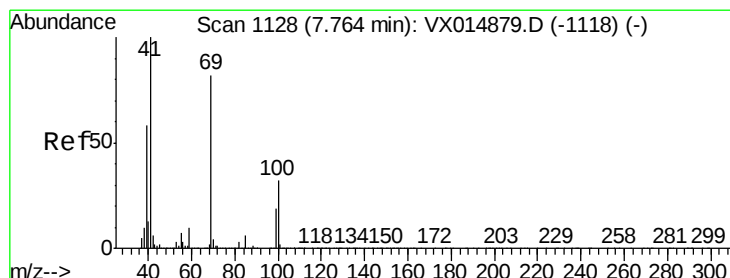
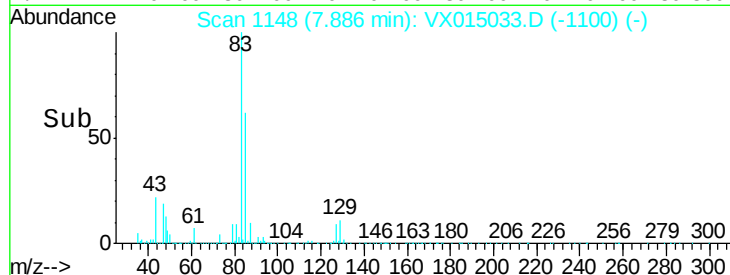
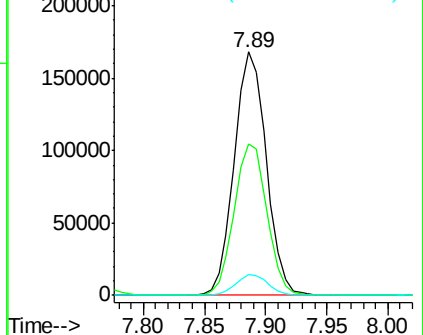
127 8.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.69 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

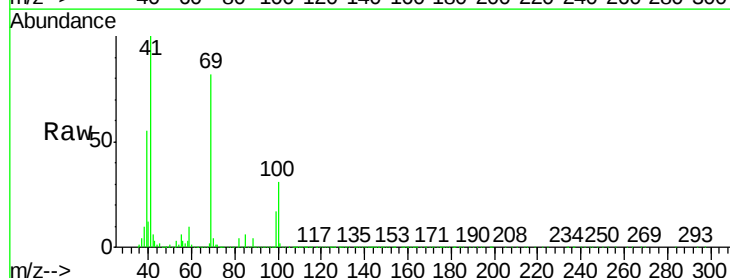
Tgt Ion: 41 Resp: 257509

Ion Ratio Lower Upper

41 100

69 82.7 65.7 98.5

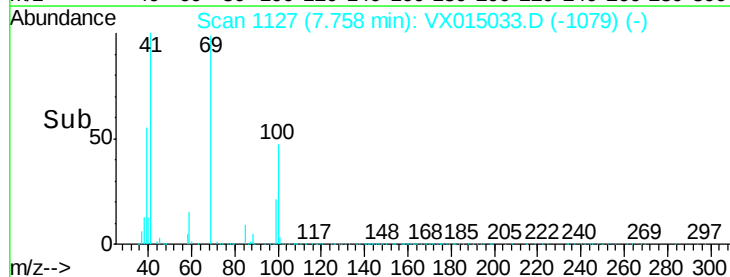
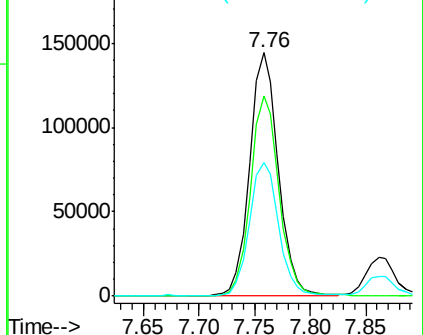
39 56.0 45.8 68.8

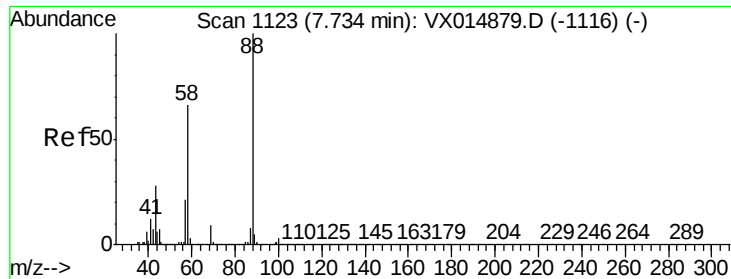


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

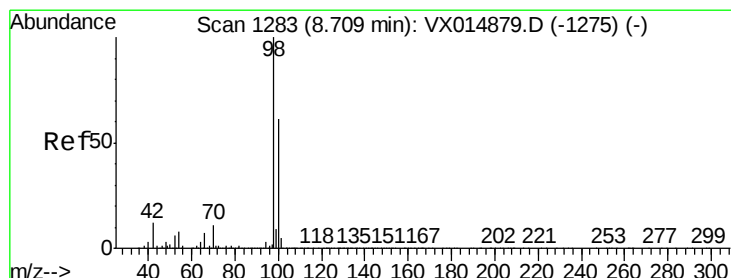
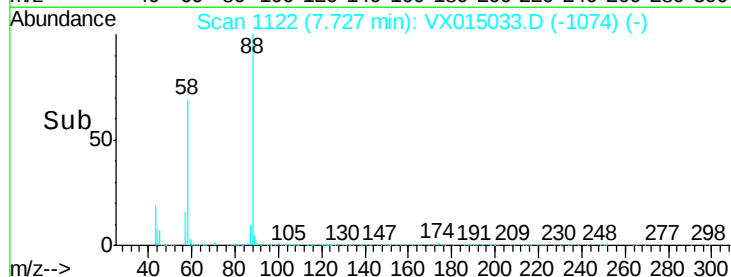
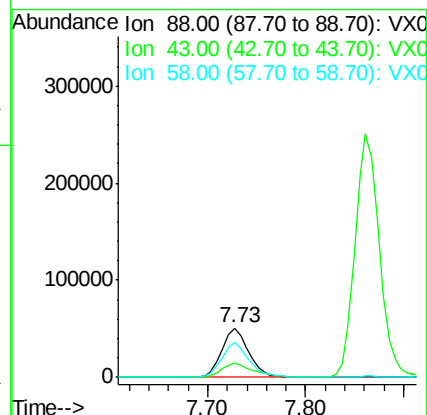
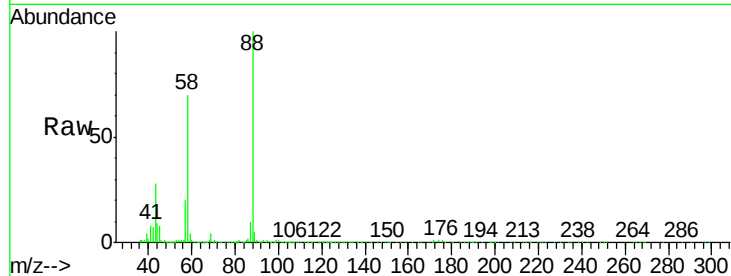




#49
1,4-Dioxane
Concen: 1056.34 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

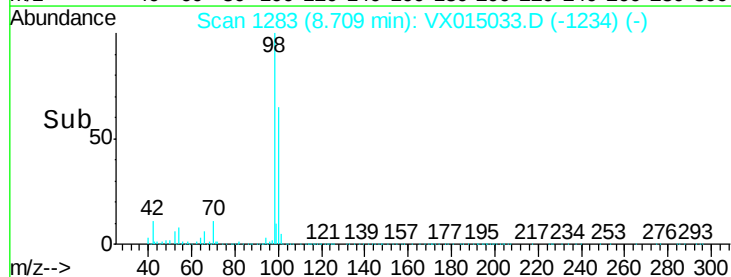
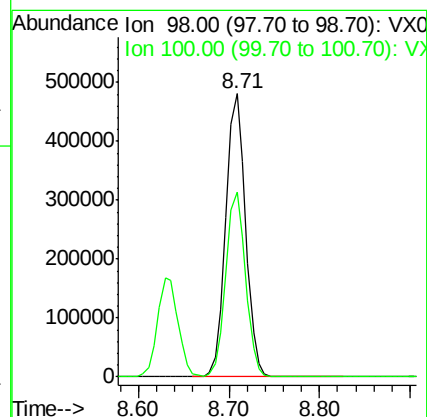
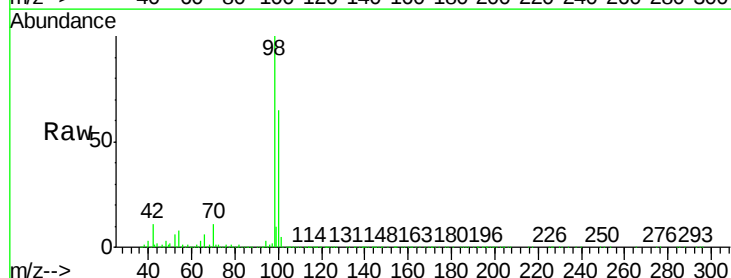
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

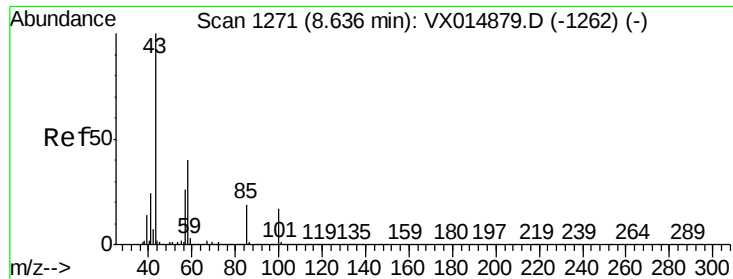
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	72.0	53.2	79.8



#50
Toluene-d8
Concen: 49.24 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

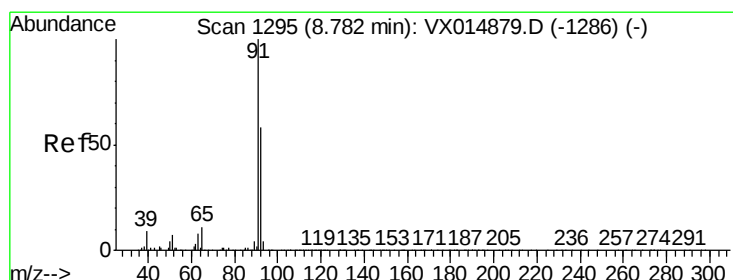
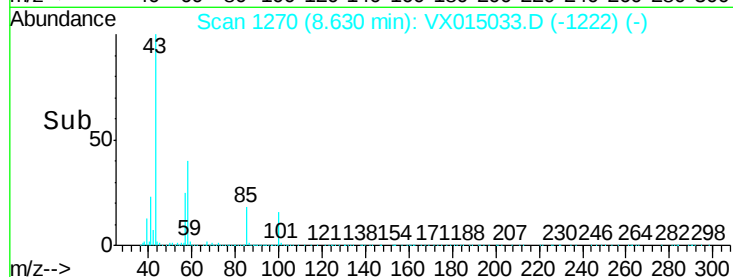
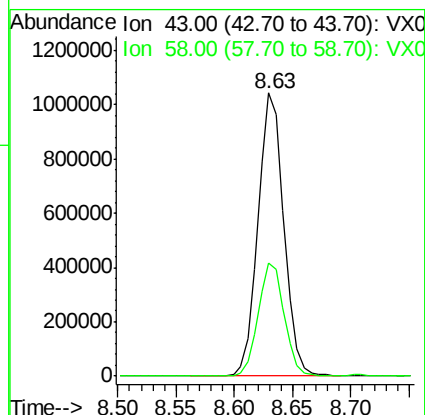
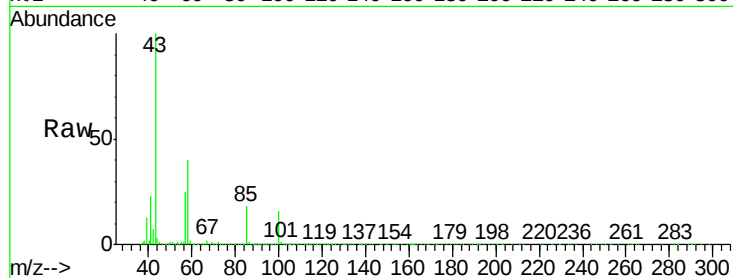




#51
4-Methyl-2-Pentanone
Concen: 274.43 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

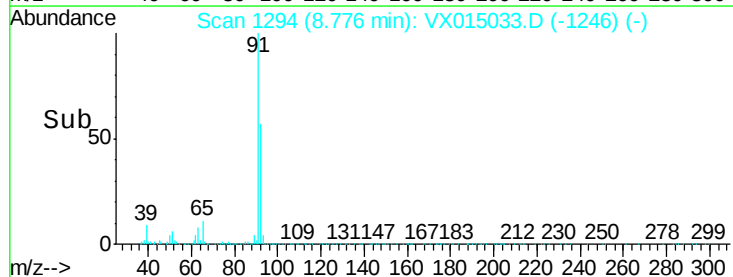
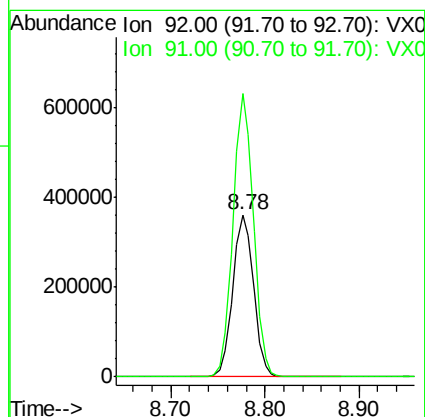
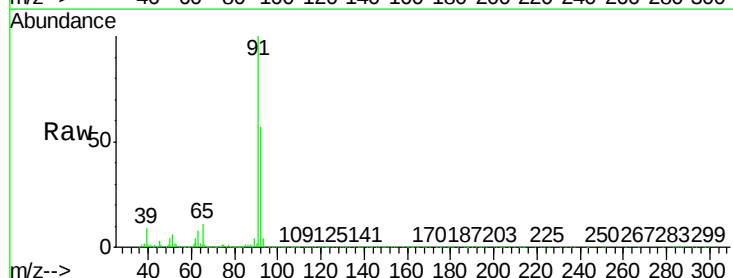
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

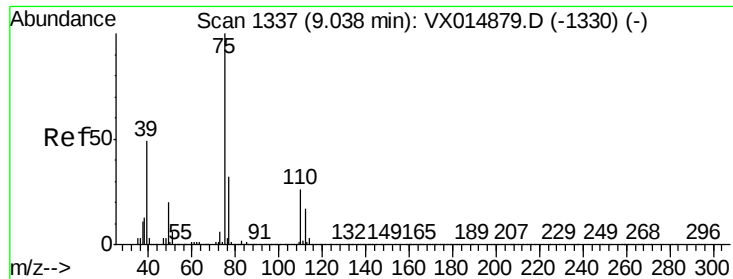
Tgt Ion: 43 Resp: 1615109
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9



#52
Toluene
Concen: 51.25 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 92 Resp: 550963
Ion Ratio Lower Upper
92 100
91 172.2 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.60 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

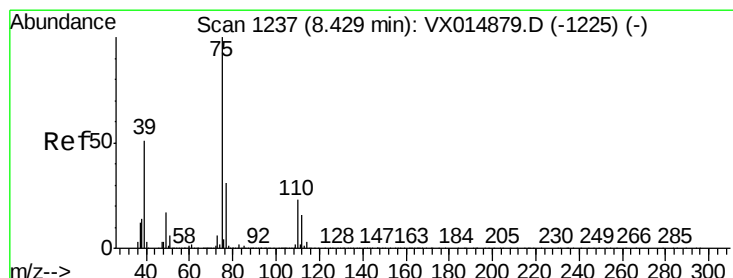
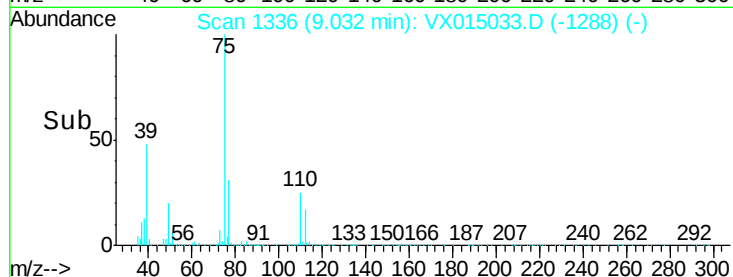
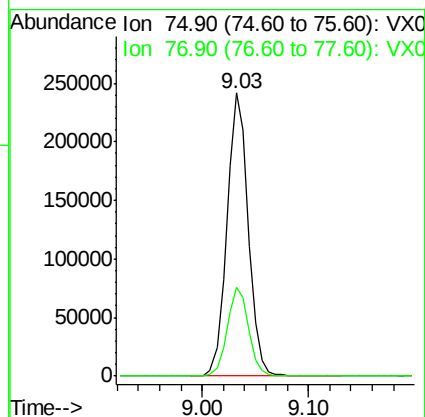
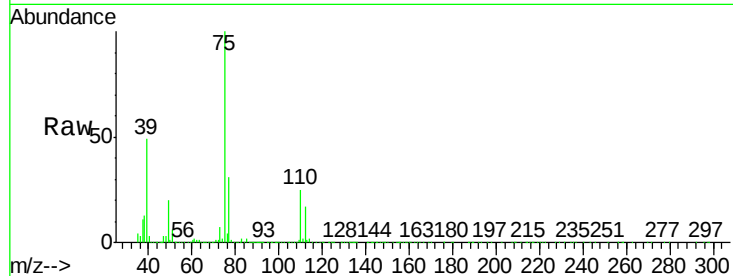
VSTDCCC050

Tgt Ion: 75 Resp: 337225

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.93 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

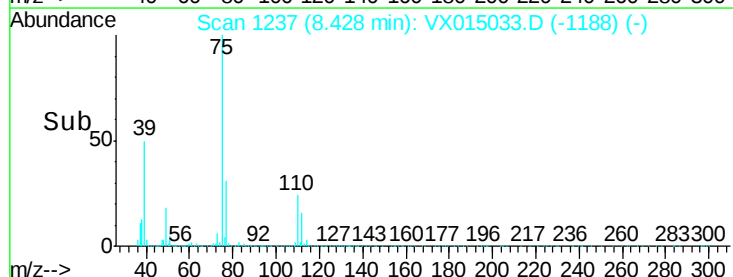
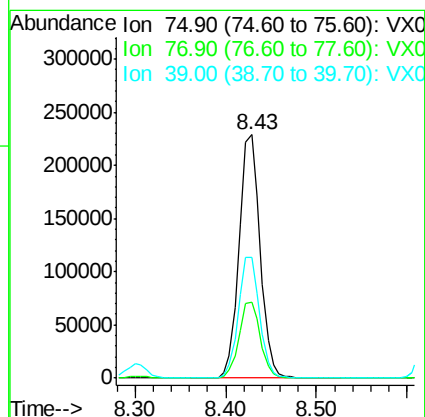
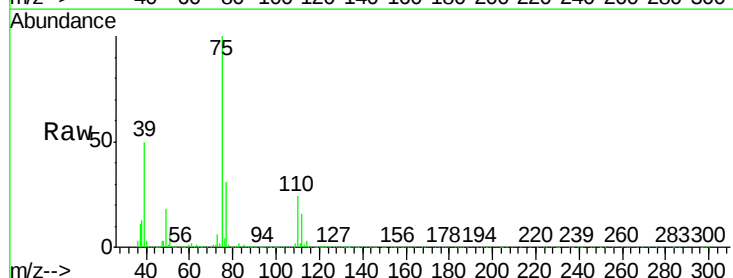
Tgt Ion: 75 Resp: 367826

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 49.6 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 52.83 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 229793

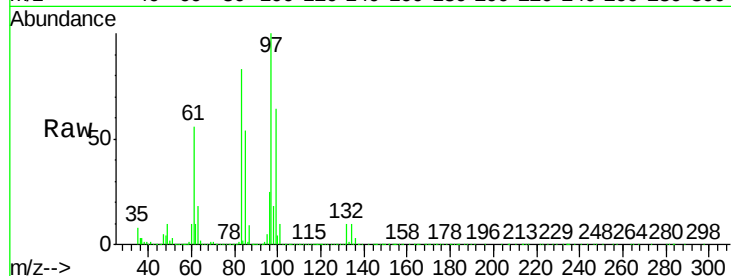
Ion Ratio Lower Upper

97 100

83 83.1 66.6 99.8

85 53.5 43.5 65.3

99 63.6 49.6 74.4

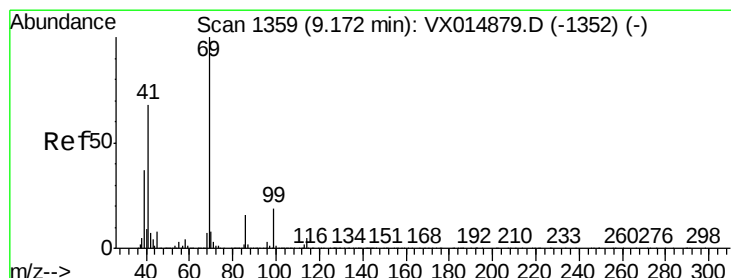
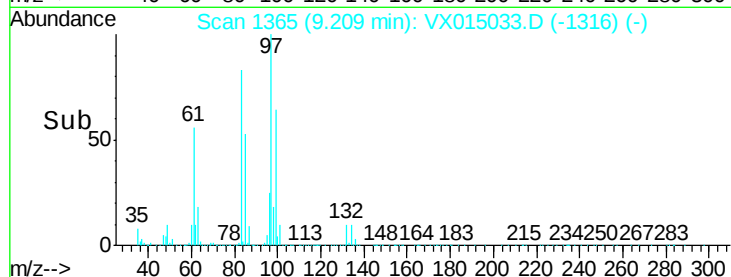
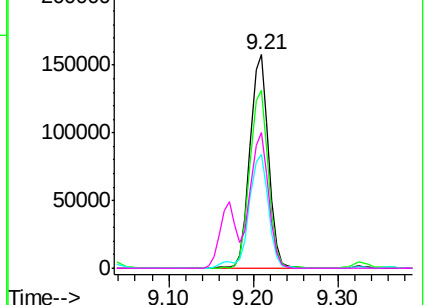


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 55.04 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

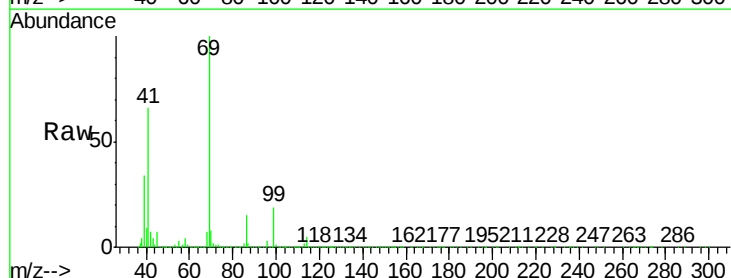
Tgt Ion: 69 Resp: 359793

Ion Ratio Lower Upper

69 100

41 68.3 54.8 82.2

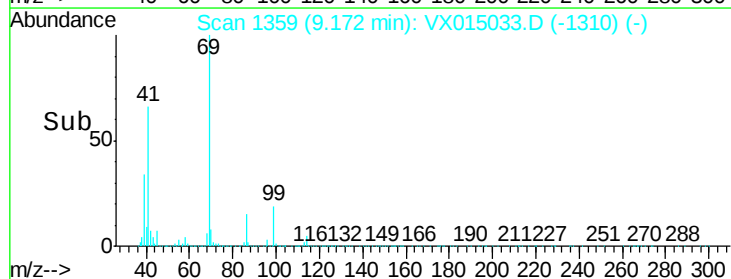
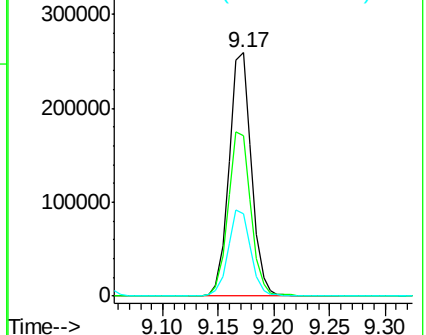
39 35.4 29.9 44.9

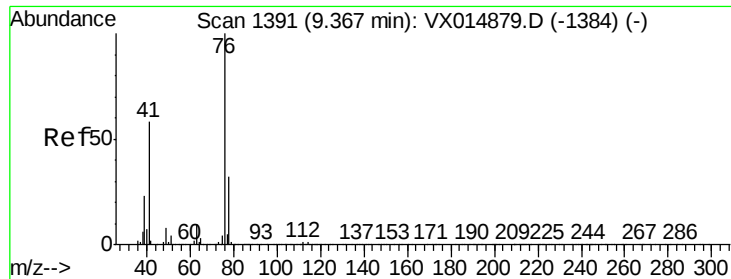


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.87 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

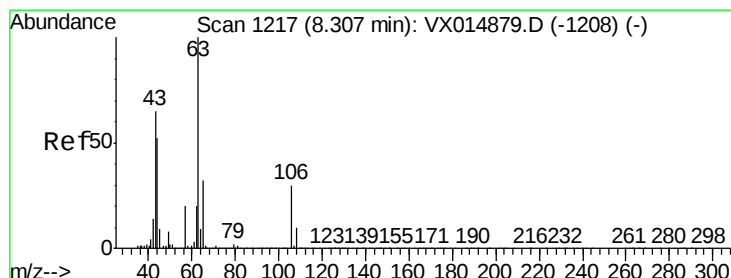
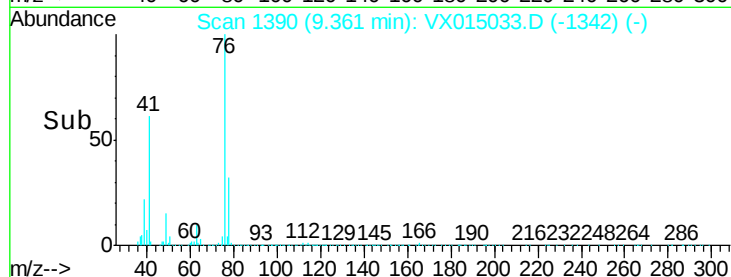
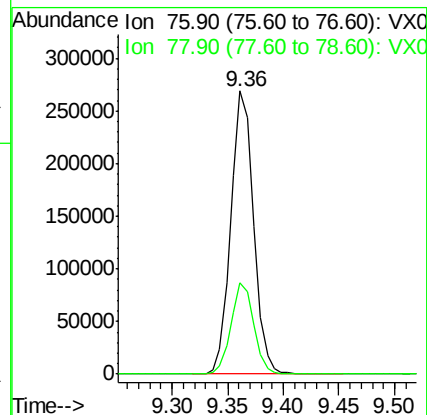
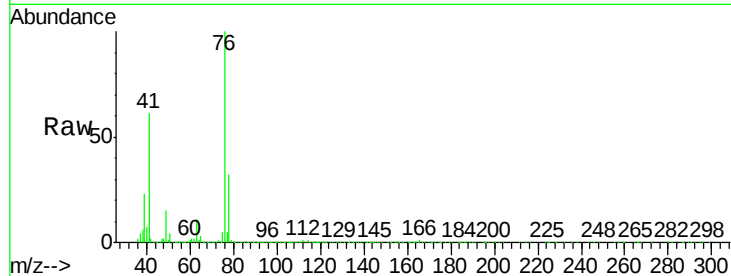
VSTDCCC050

Tgt Ion: 76 Resp: 379740

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 276.78 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015033.D

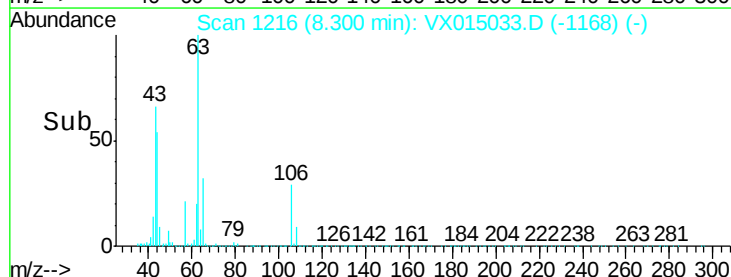
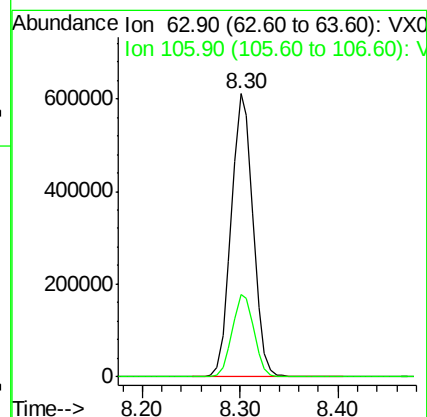
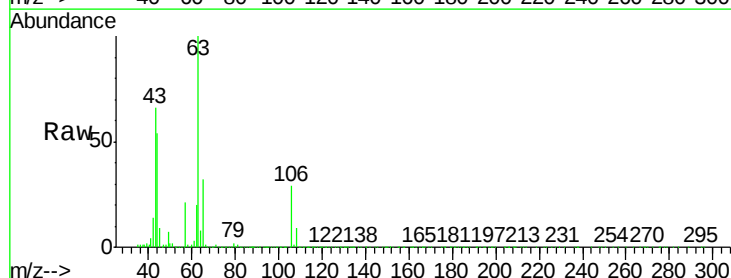
Acq: 27 Feb 2020 08:49

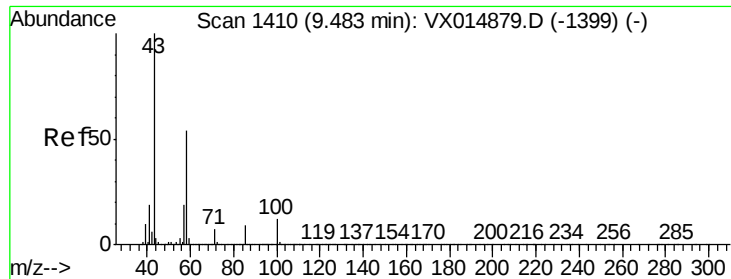
Tgt Ion: 63 Resp: 946291

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8

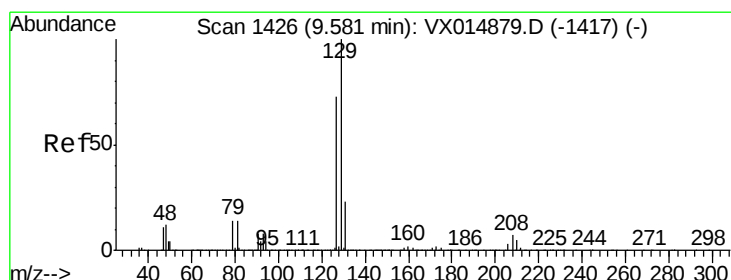
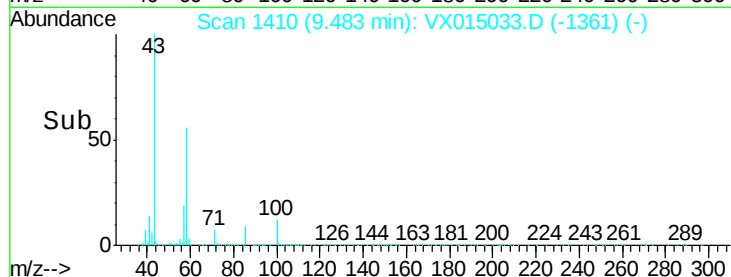
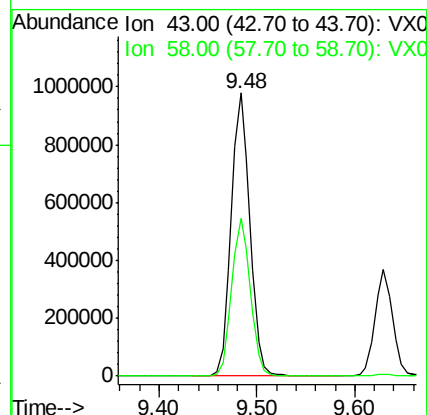
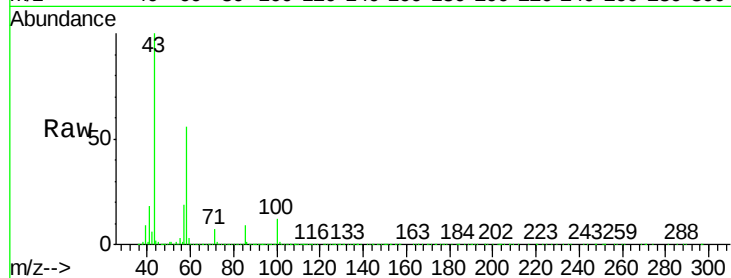




#59
2-Hexanone
Concen: 281.04 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

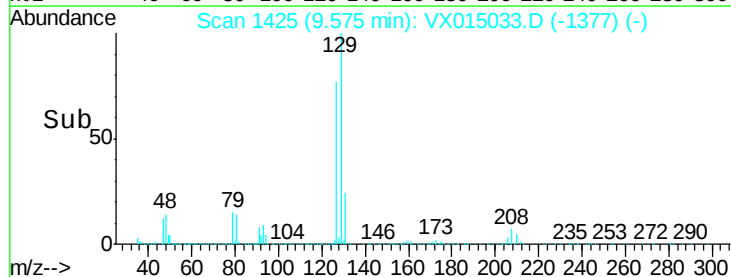
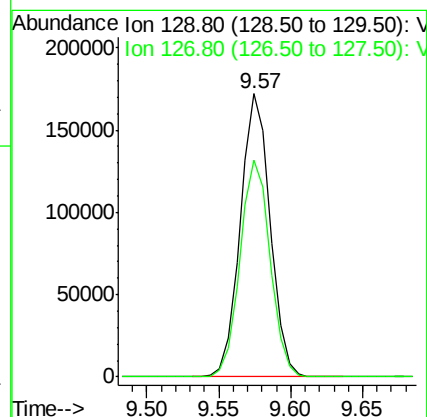
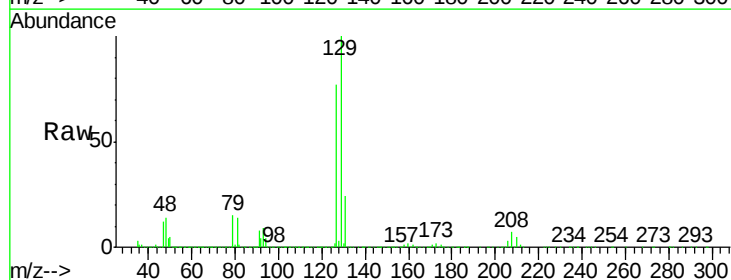
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

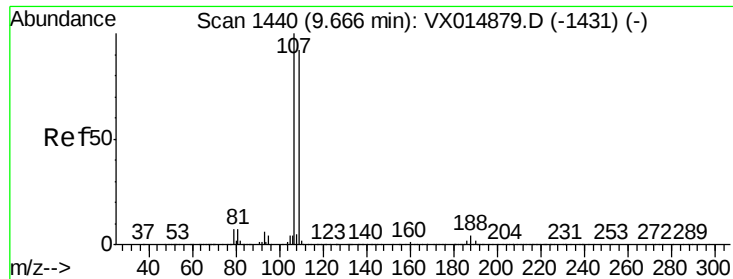
Tgt Ion: 43 Resp: 1300062
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5



#60
Dibromochloromethane
Concen: 52.83 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 129 Resp: 247289
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.96 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

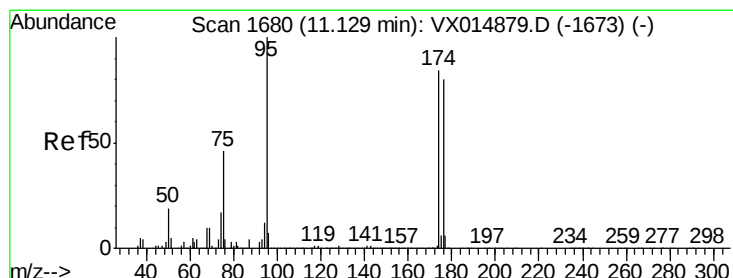
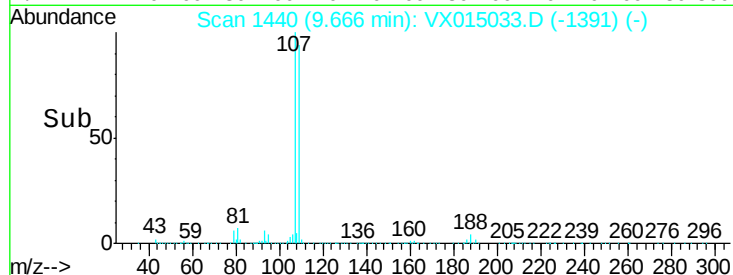
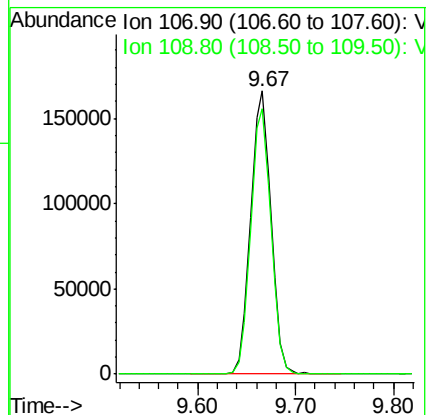
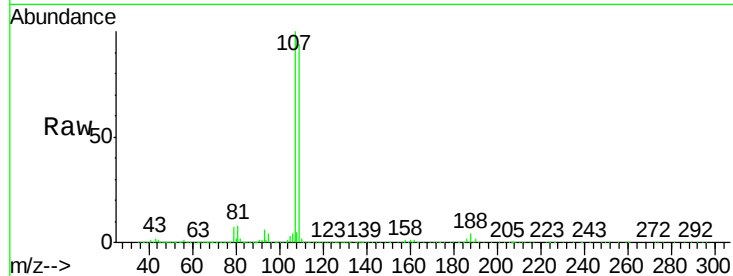
VSTDCCC050

Tgt Ion: 107 Resp: 239151

Ion Ratio Lower Upper

107 100

109 93.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.29 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

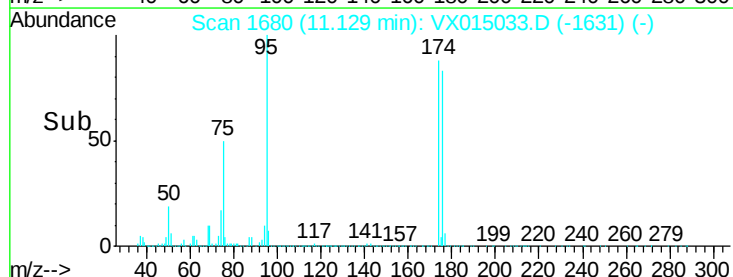
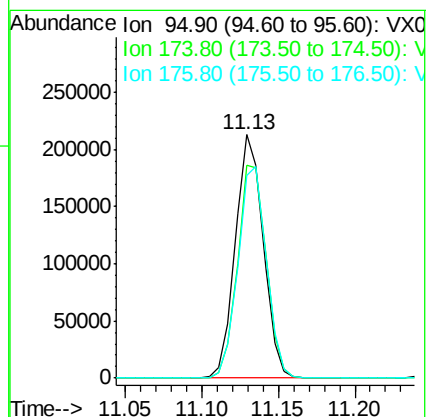
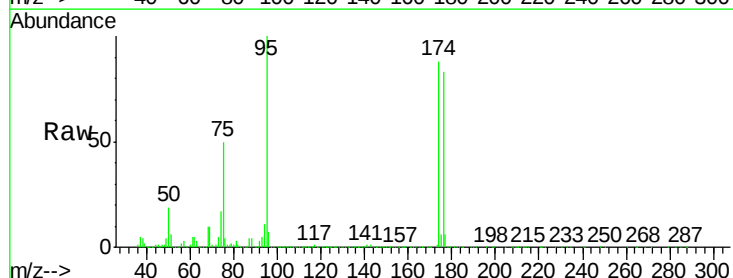
Tgt Ion: 95 Resp: 269225

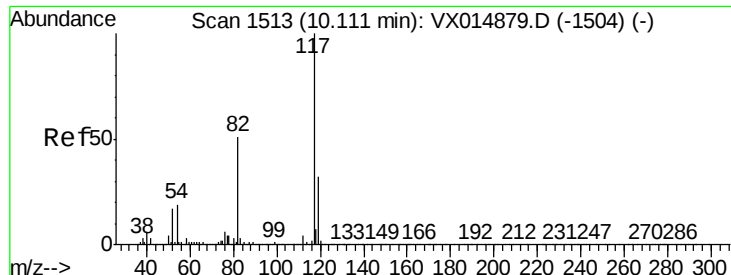
Ion Ratio Lower Upper

95 100

174 90.1 0.0 183.0

176 88.9 0.0 178.0

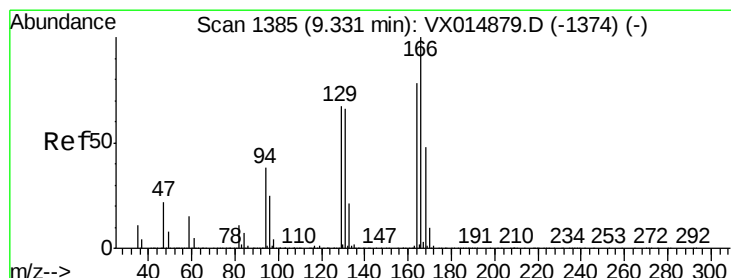
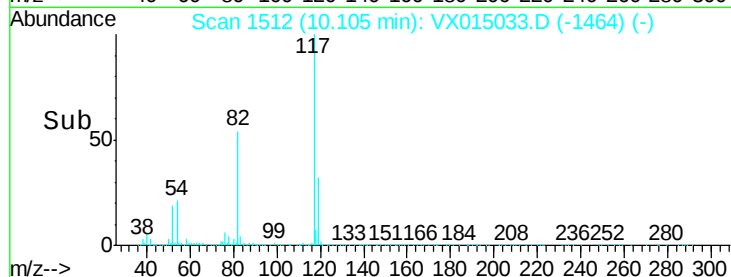
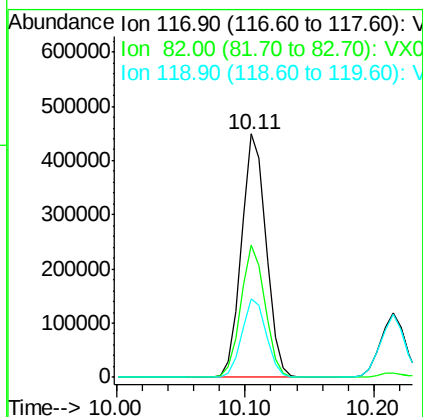
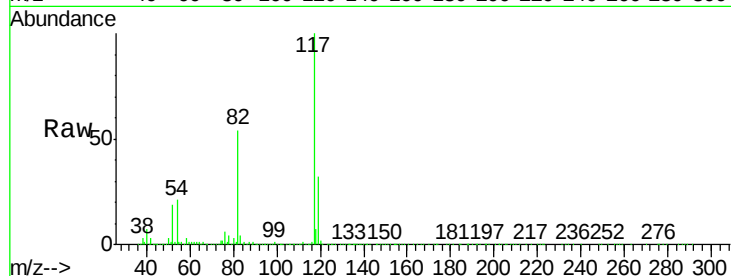




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

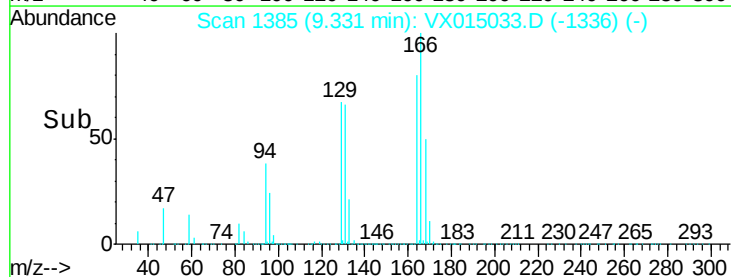
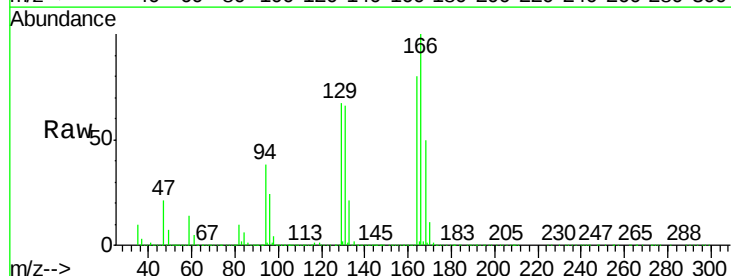
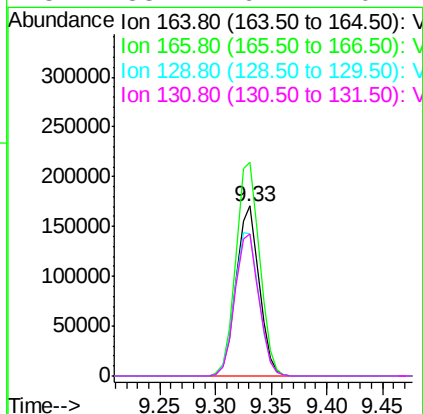
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

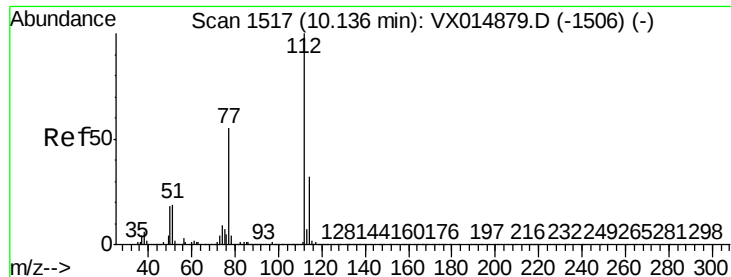
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.5	60.7
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 44.30 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.6	153.8
129	83.8	68.3	102.5
131	83.4	67.4	101.2





#65

Chlorobenzene

Concen: 50.86 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

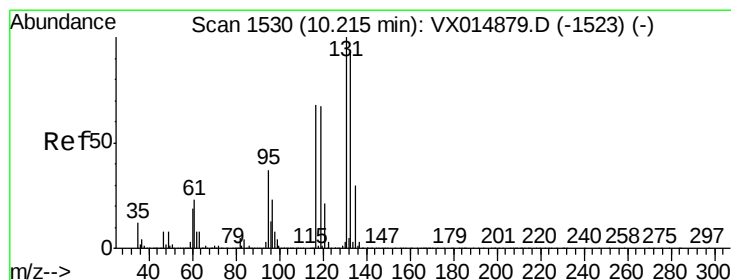
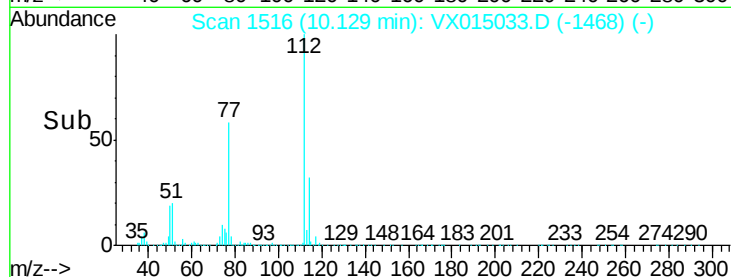
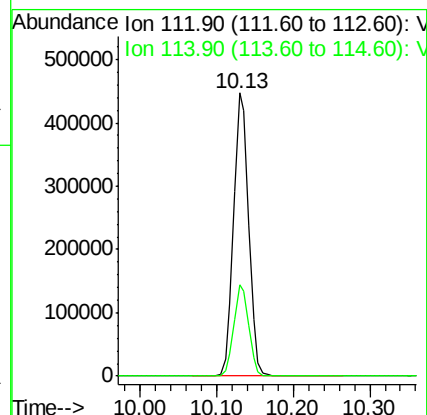
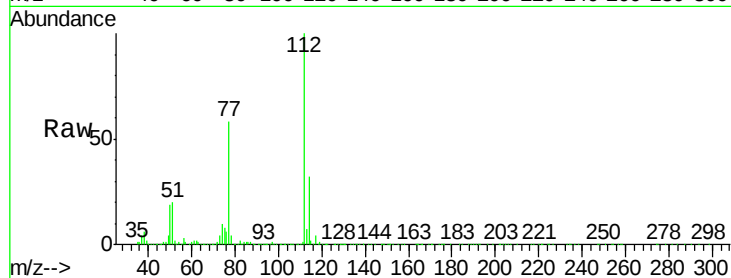
VSTDCCC050

Tgt Ion:112 Resp: 609384

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.90 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

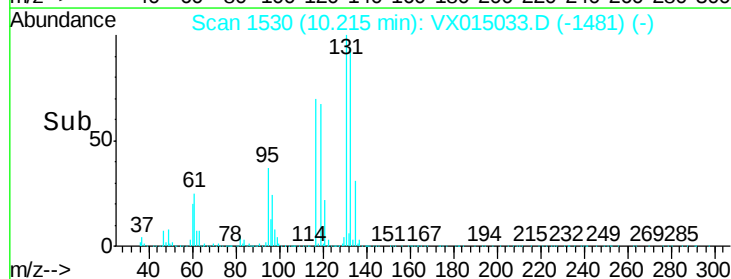
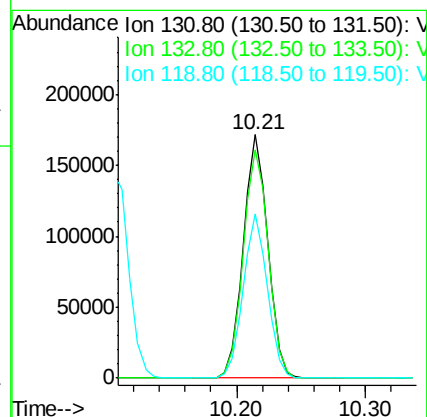
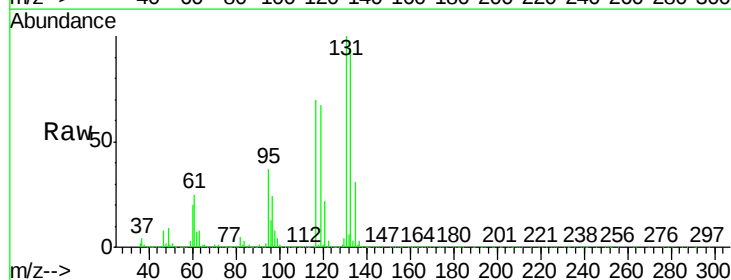
Tgt Ion:131 Resp: 225739

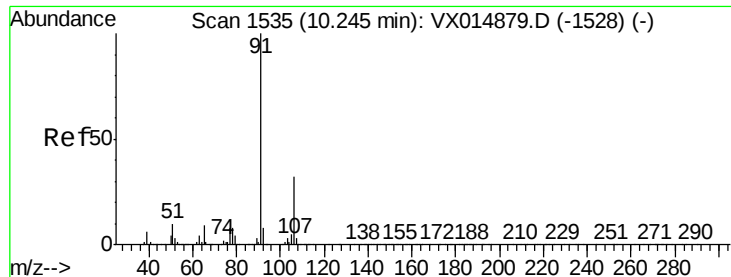
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 66.5 33.0 99.0

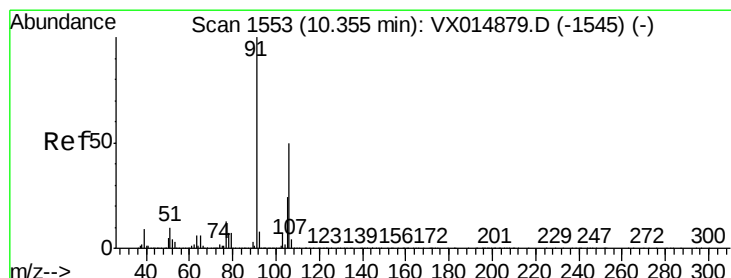
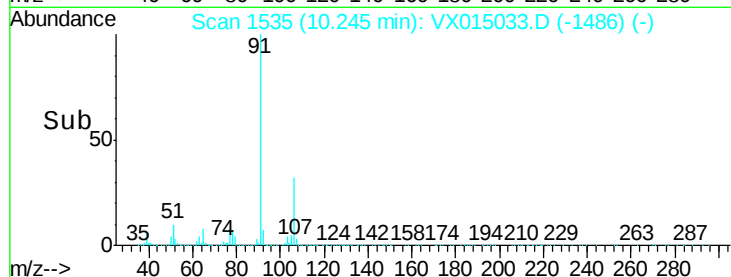
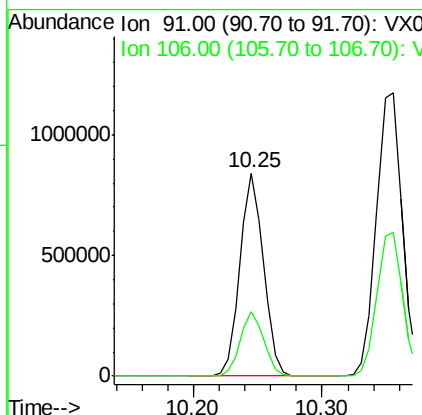
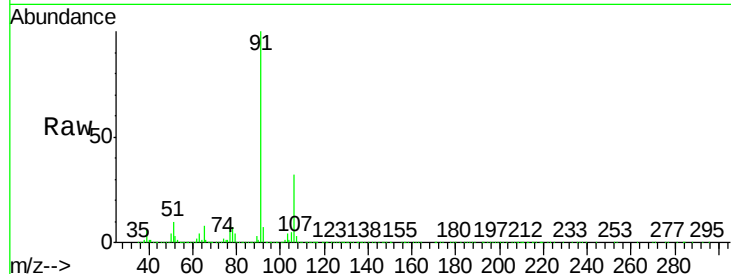




#67
Ethyl Benzene
Concen: 52.34 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

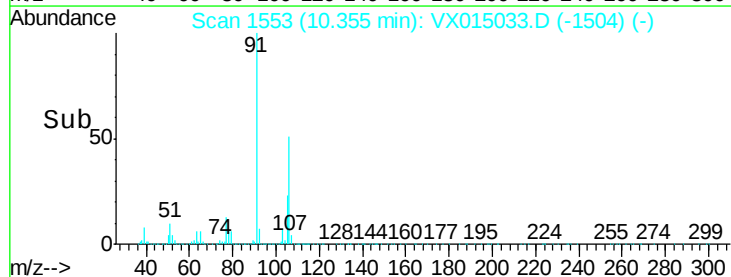
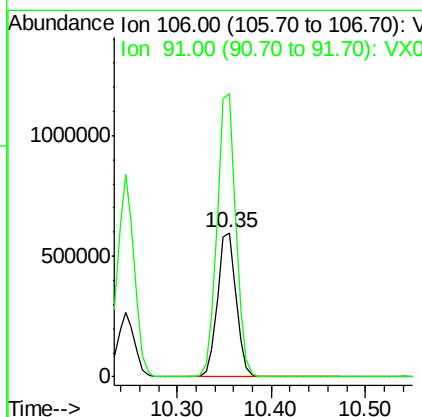
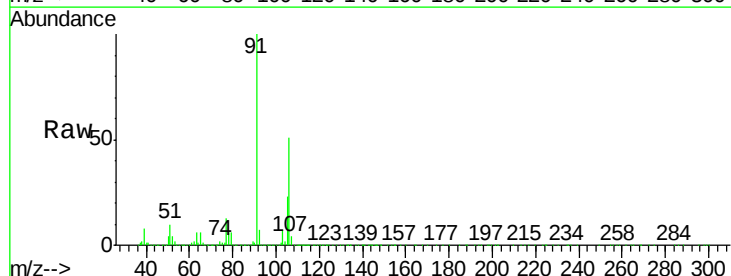
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

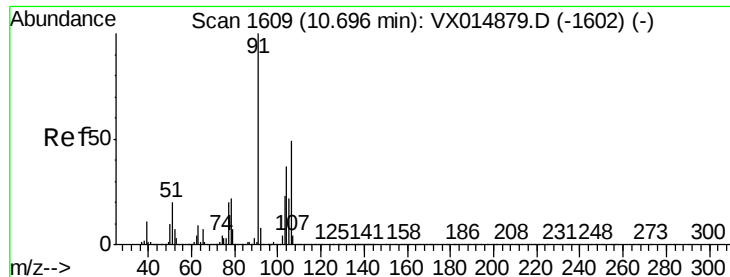
Tgt Ion: 91 Resp: 1066503
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 104.82 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 106 Resp: 822766
Ion Ratio Lower Upper
106 100
91 197.4 160.6 240.8

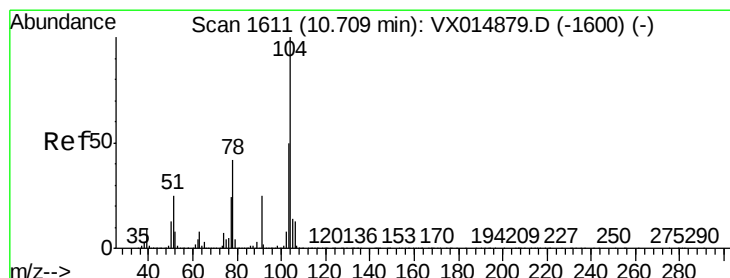
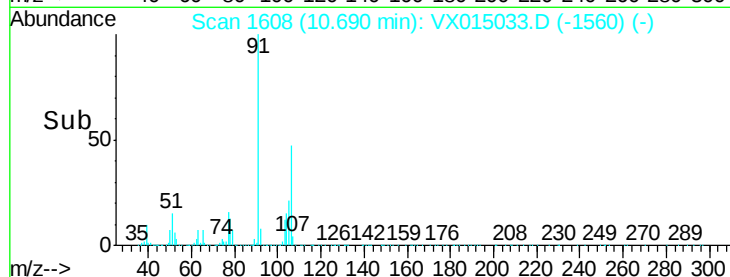
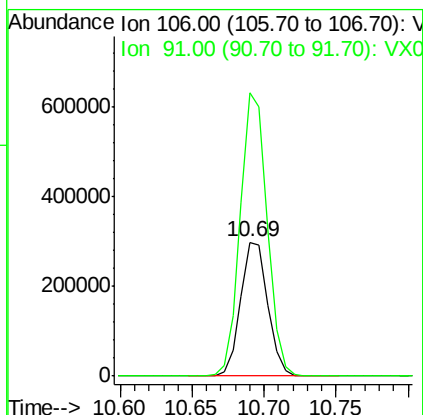
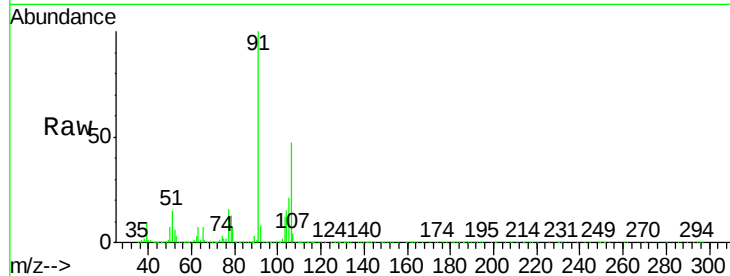




#69
o-Xylene
Concen: 51.83 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

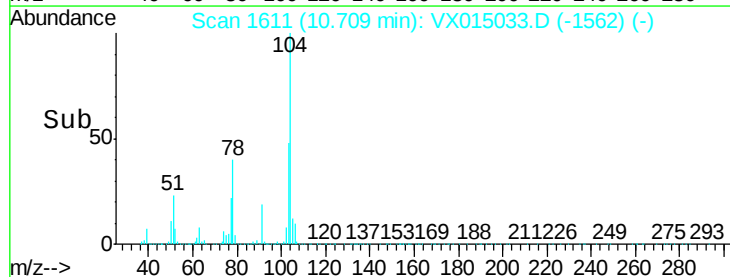
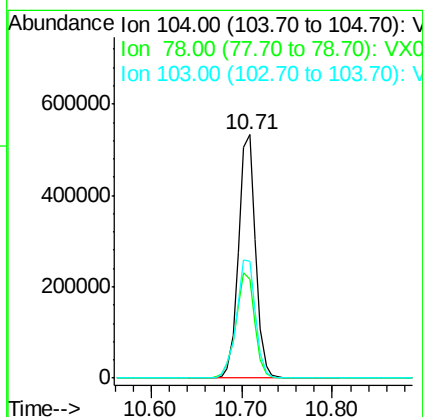
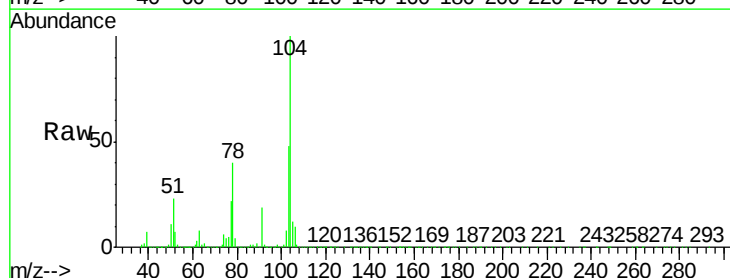
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

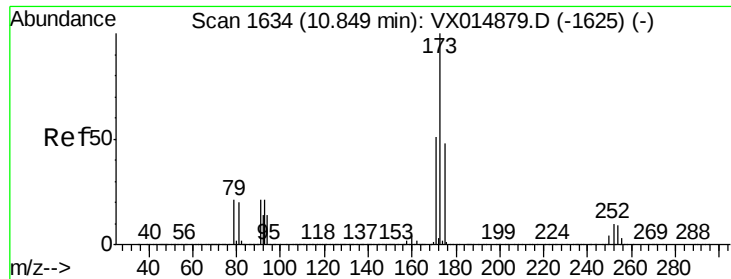
Tgt Ion:106 Resp: 391056
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.3



#70
Styrene
Concen: 54.09 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion:104 Resp: 690399
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.4
103 54.2 43.4 65.0

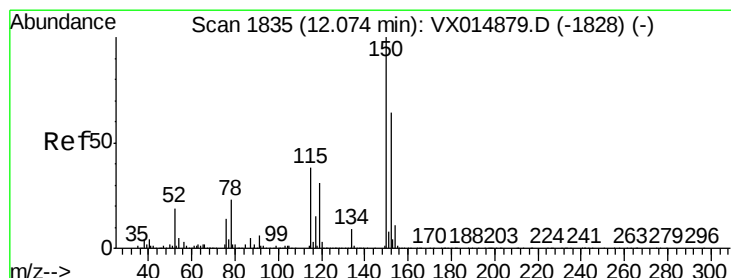
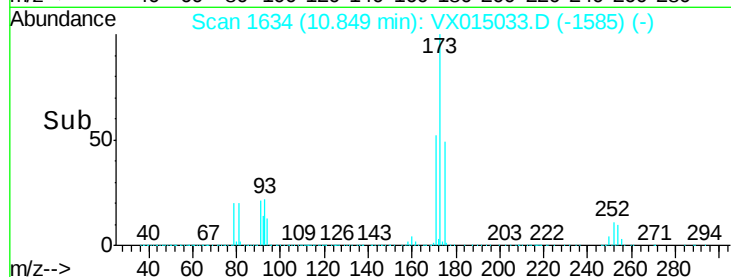
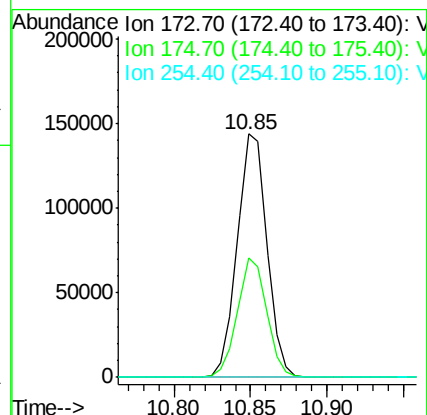
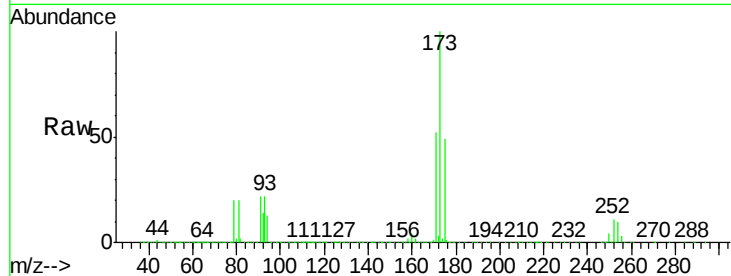




#71
Bromoform
Concen: 53.63 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

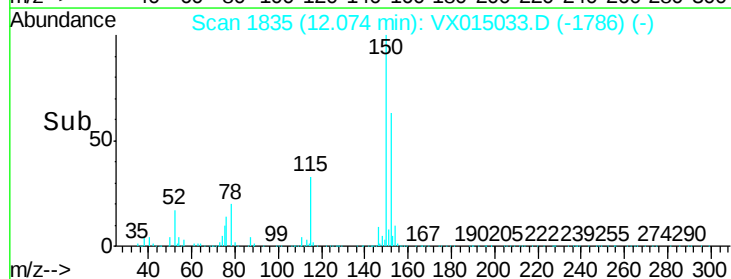
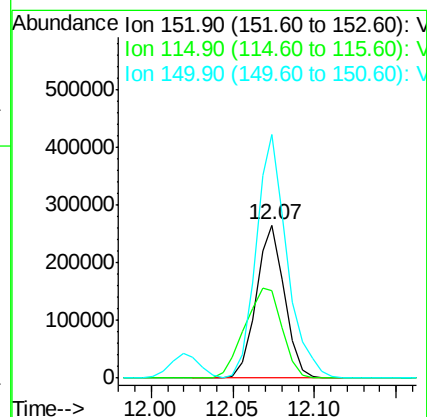
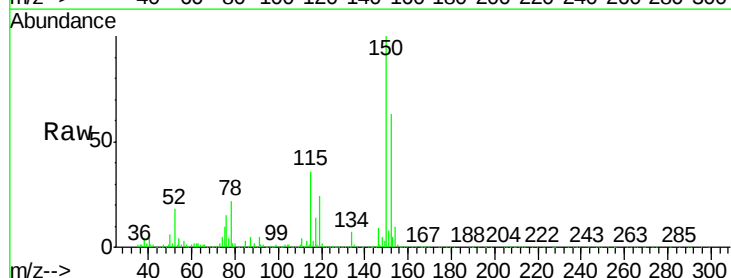
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

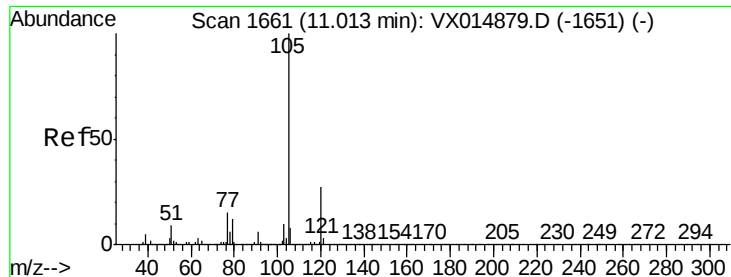
Tgt Ion:173 Resp: 194707
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion:152 Resp: 316951
Ion Ratio Lower Upper
152 100
115 78.3 38.6 116.0
150 174.7 0.0 349.0





#73

Isopropylbenzene

Concen: 53.36 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

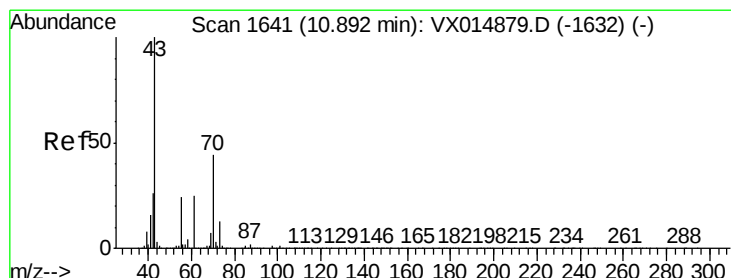
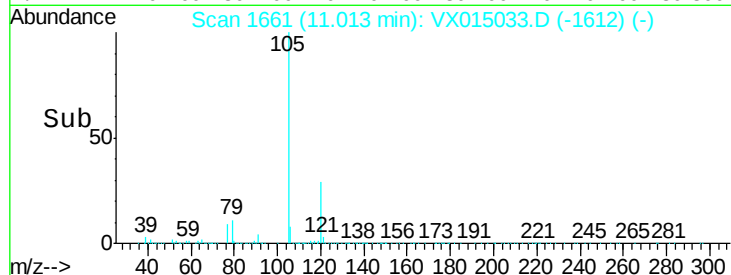
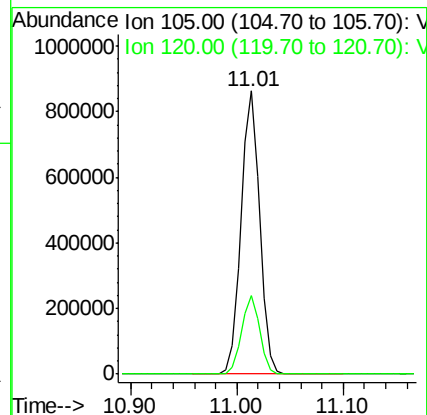
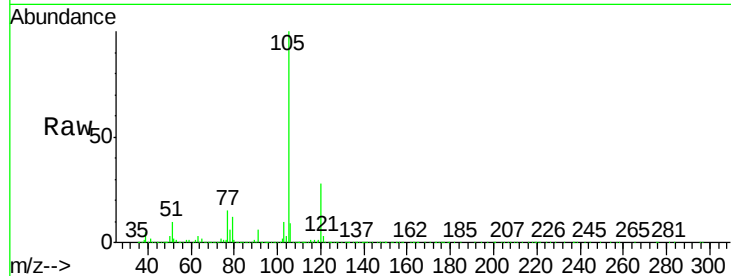
VSTDCCC050

Tgt Ion:105 Resp: 1060533

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#74

N-ethyl acetate

Concen: 54.91 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion: 43 Resp: 453473

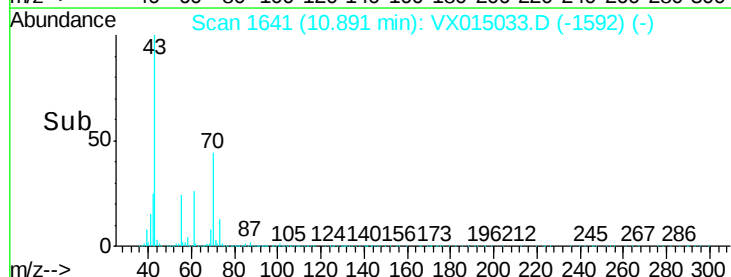
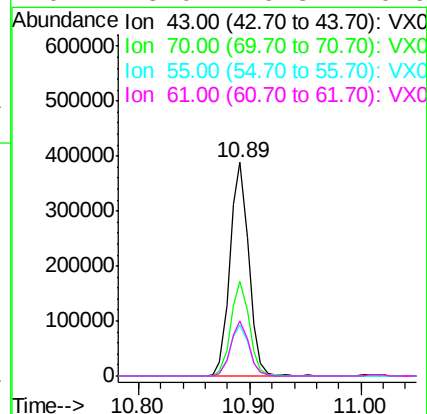
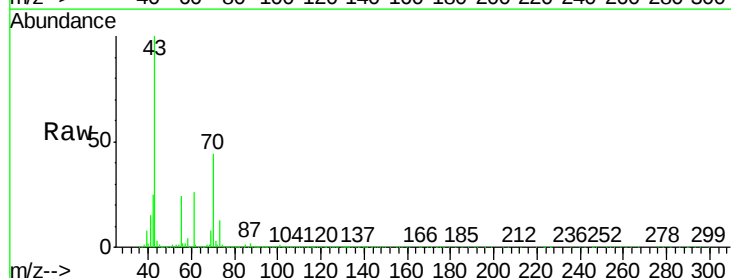
Ion Ratio Lower Upper

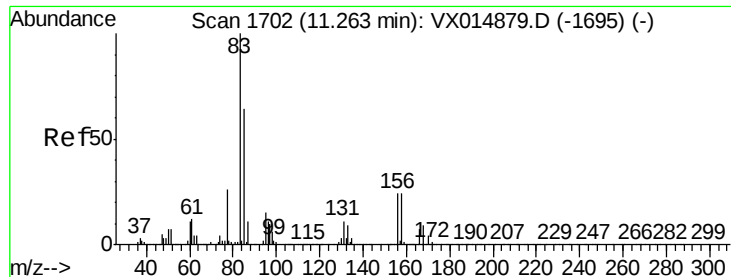
43 100

70 43.9 35.0 52.4

55 24.0 19.4 29.2

61 25.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.22 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

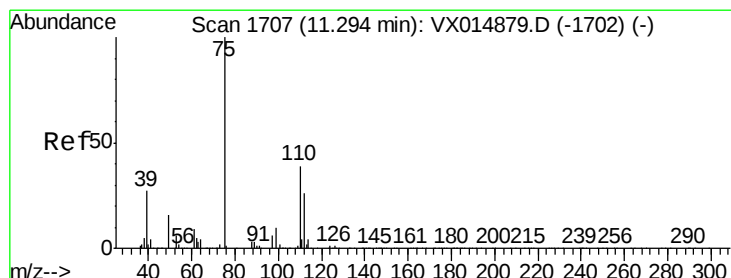
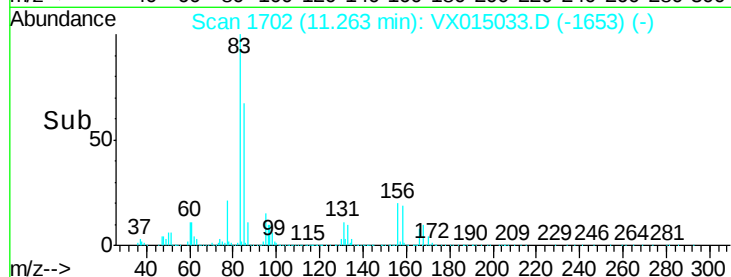
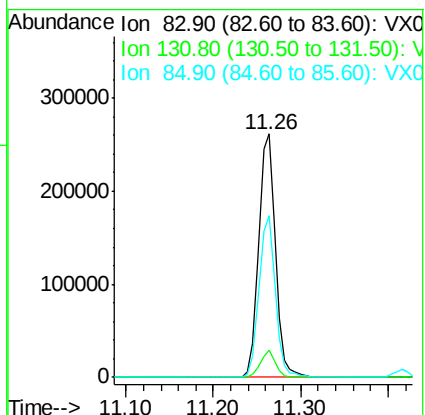
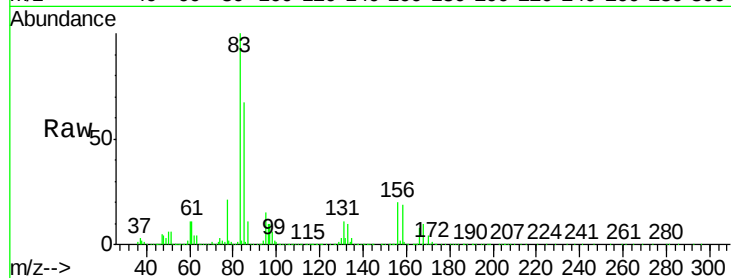
Tgt Ion: 83 Resp: 345764

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

85 65.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 69.83 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015033.D

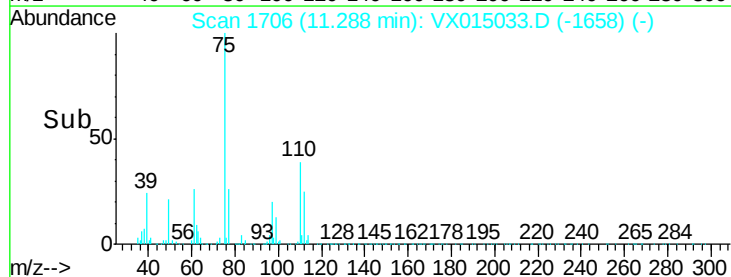
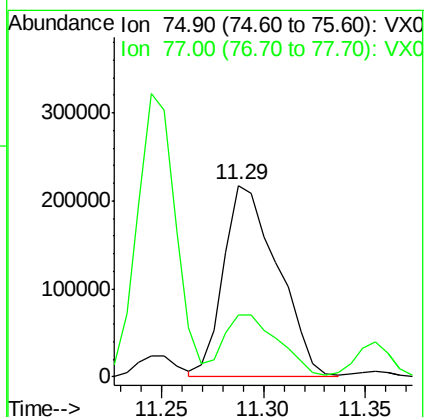
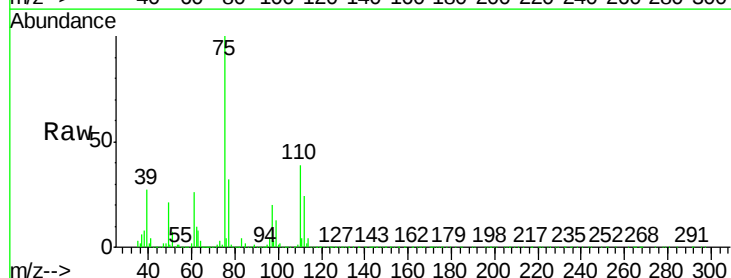
Acq: 27 Feb 2020 08:49

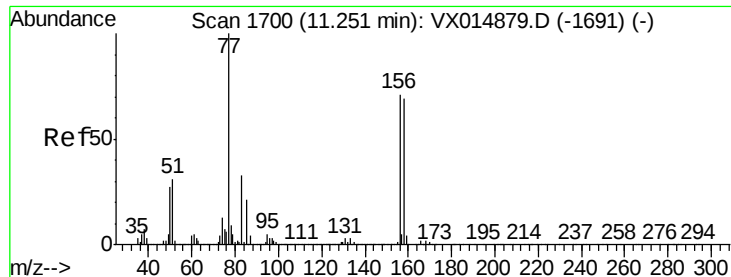
Tgt Ion: 75 Resp: 400225

Ion Ratio Lower Upper

75 100

77 33.1 18.4 55.0





#77

Bromobenzene

Concen: 50.26 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

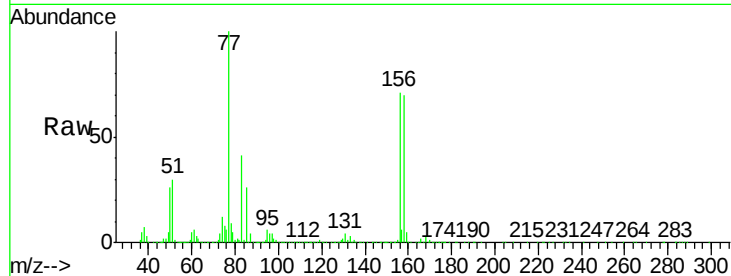
Tgt Ion:156 Resp: 278819

Ion Ratio Lower Upper

156 100

77 150.1 74.0 222.0

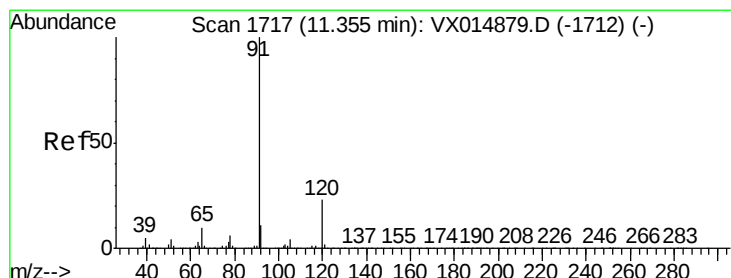
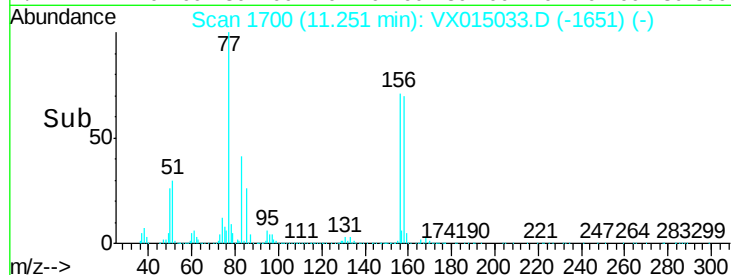
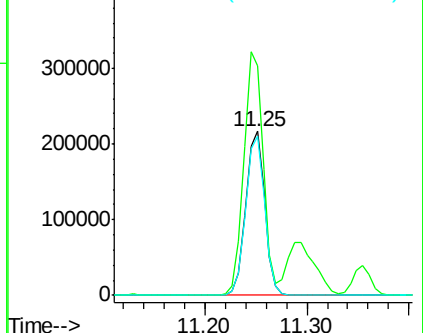
158 97.1 48.9 146.6



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: 53.76 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015033.D

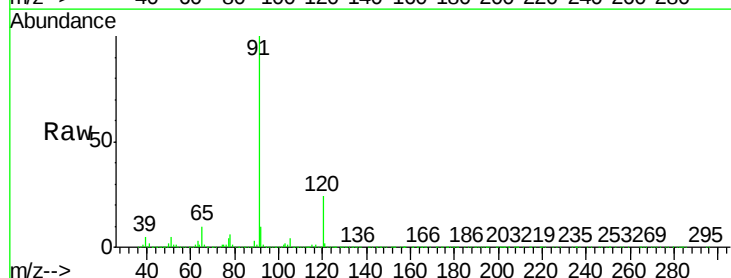
Acq: 27 Feb 2020 08:49

Tgt Ion: 91 Resp: 1235938

Ion Ratio Lower Upper

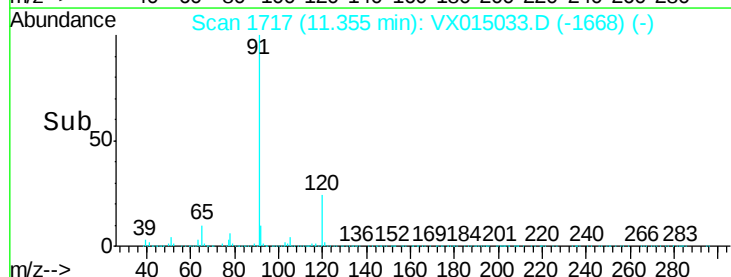
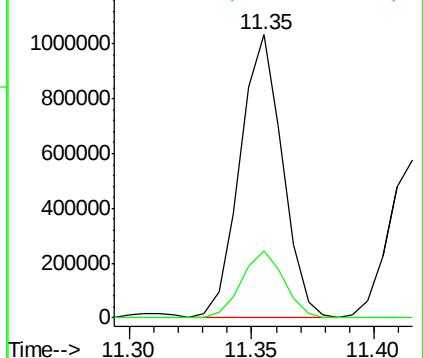
91 100

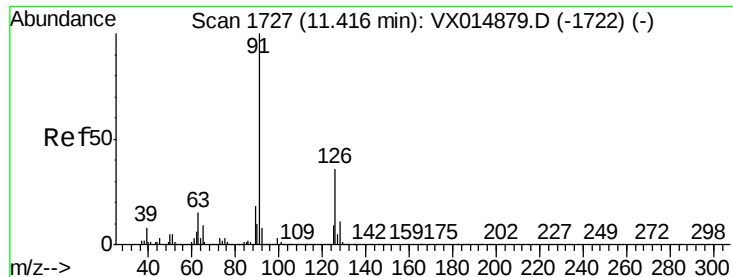
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.02 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

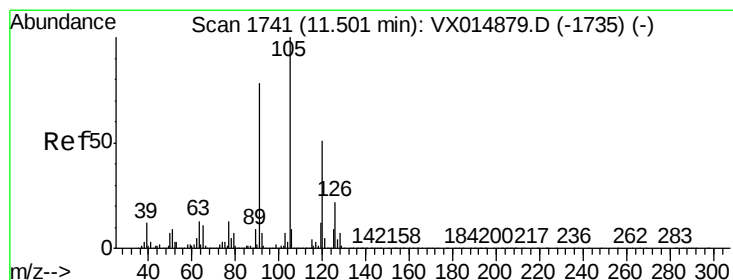
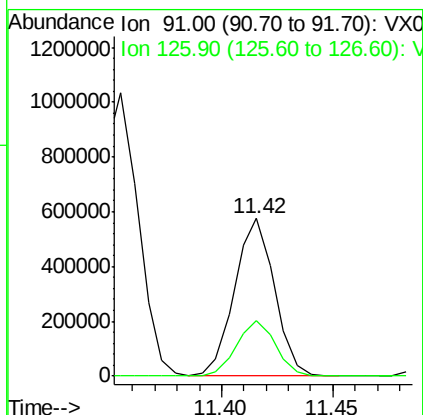
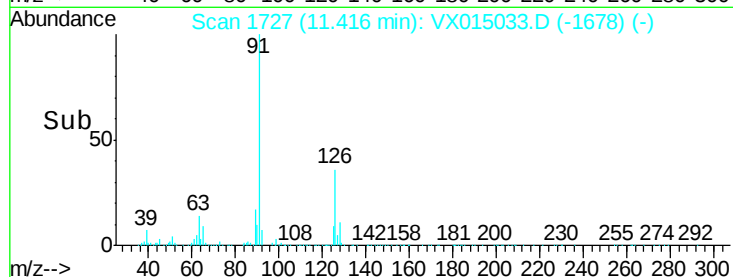
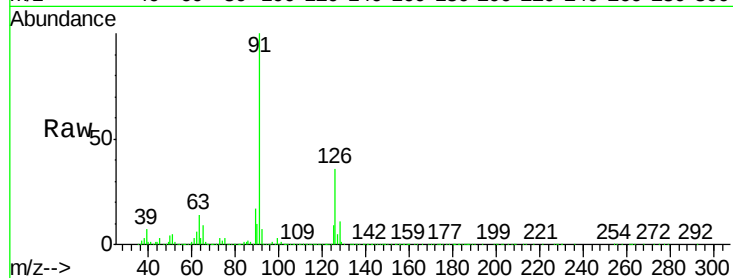
VSTDCCC050

Tgt Ion: 91 Resp: 716596

Ion Ratio Lower Upper

91 100

126 35.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 53.86 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015033.D

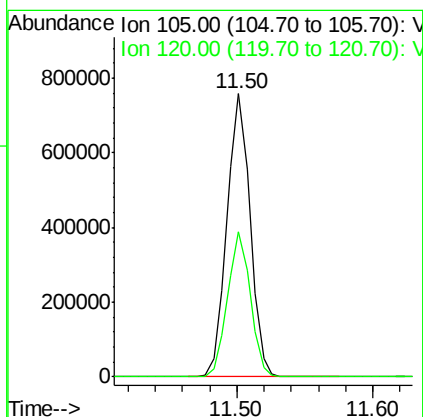
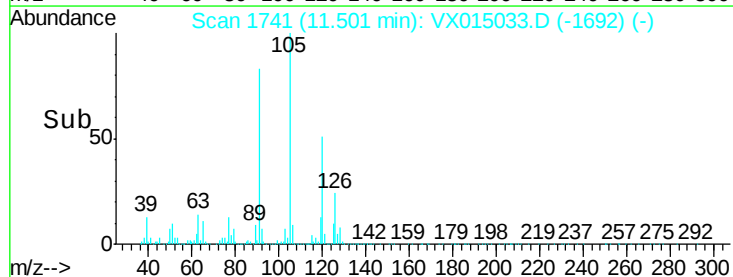
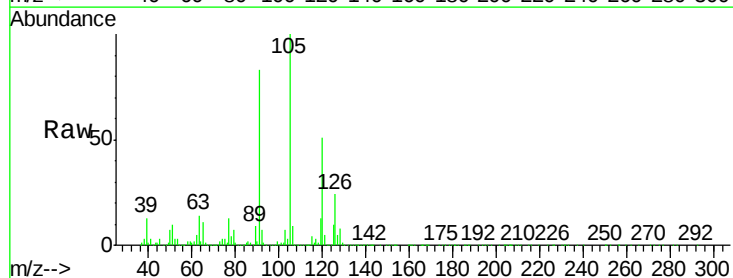
Acq: 27 Feb 2020 08:49

Tgt Ion: 105 Resp: 894471

Ion Ratio Lower Upper

105 100

120 50.5 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.31 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

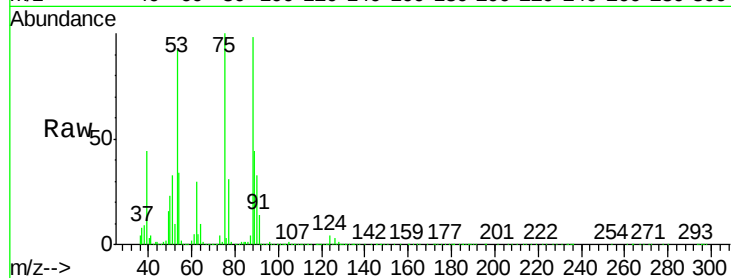
Tgt Ion: 75 Resp: 117127

Ion Ratio Lower Upper

75 100

53 96.3 76.2 114.2

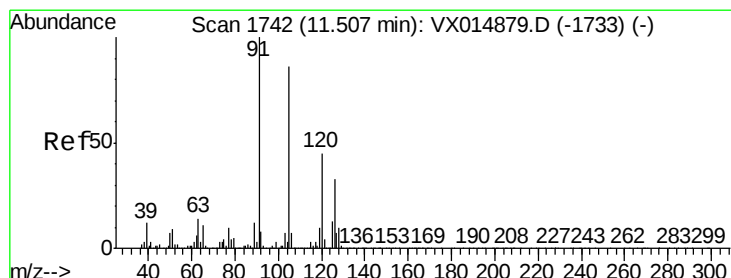
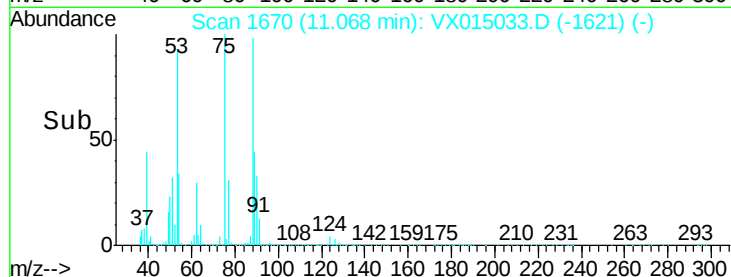
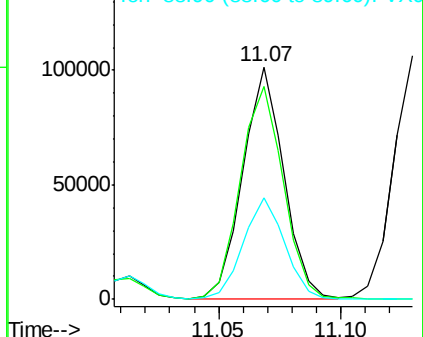
89 45.0 35.8 53.6



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: 52.63 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015033.D

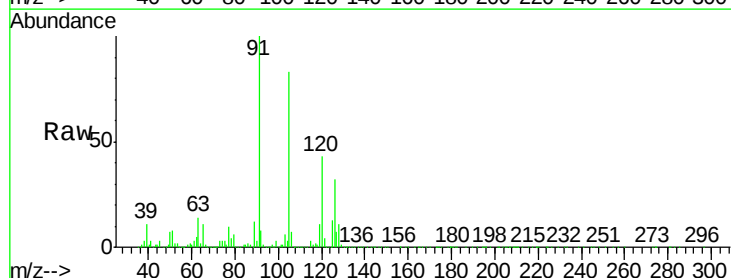
Acq: 27 Feb 2020 08:49

Tgt Ion: 91 Resp: 842405

Ion Ratio Lower Upper

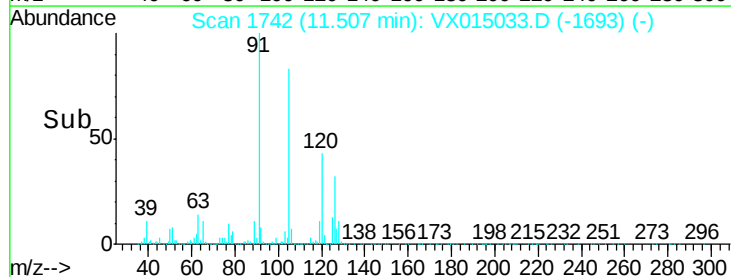
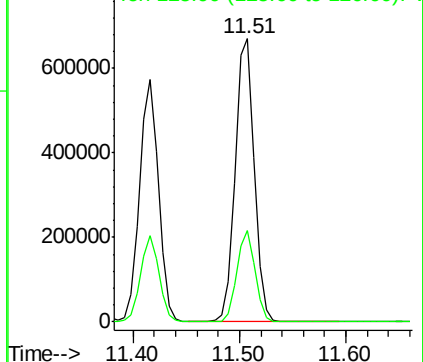
91 100

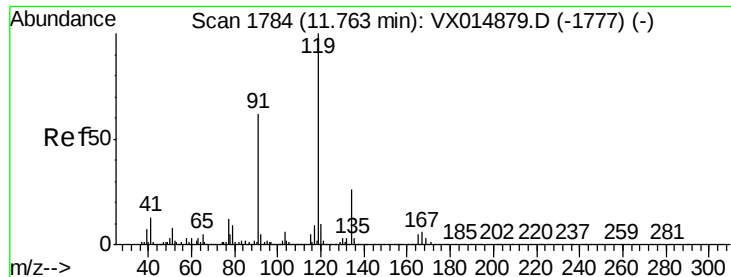
126 31.2 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.60 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

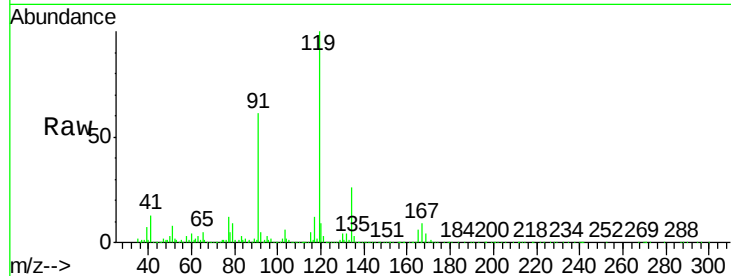
Tgt Ion:119 Resp: 858758

Ion Ratio Lower Upper

119 100

91 57.2 29.5 88.6

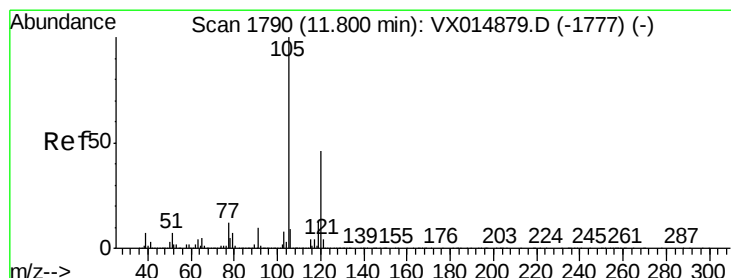
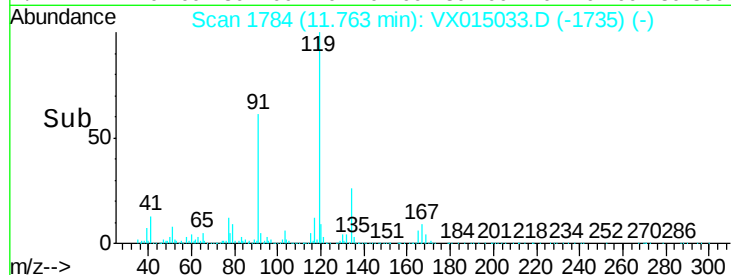
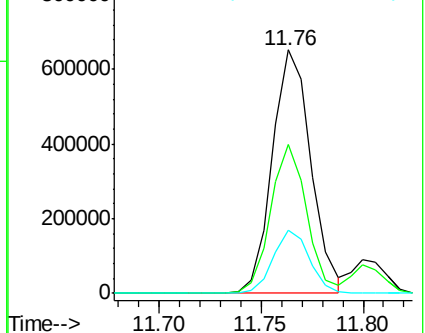
134 24.6 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.37 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015033.D

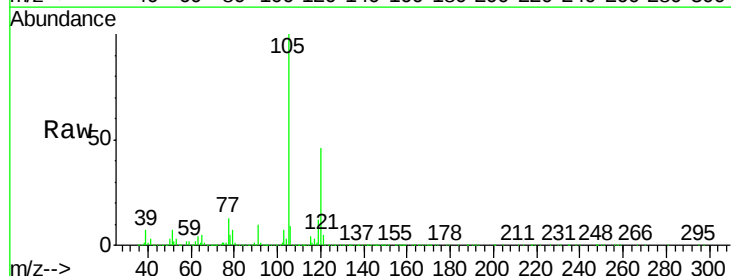
Acq: 27 Feb 2020 08:49

Tgt Ion:105 Resp: 893194

Ion Ratio Lower Upper

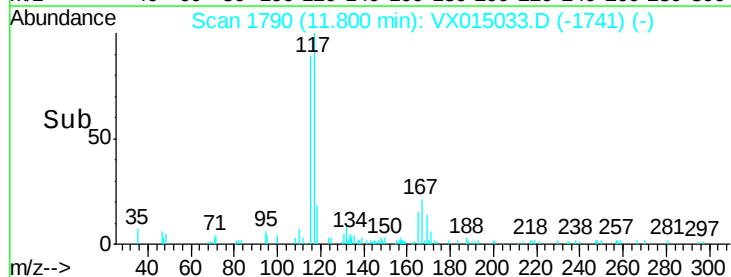
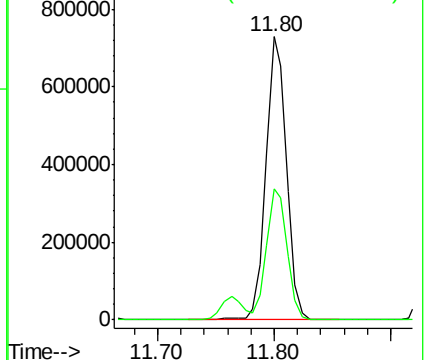
105 100

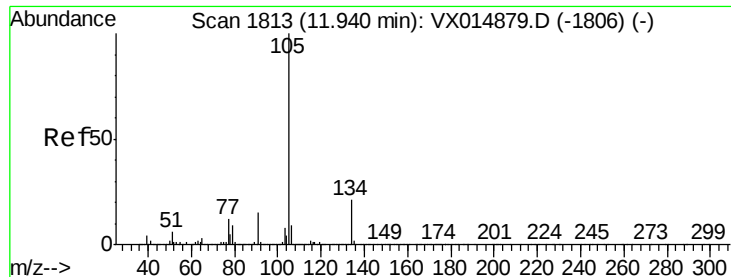
120 46.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.18 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

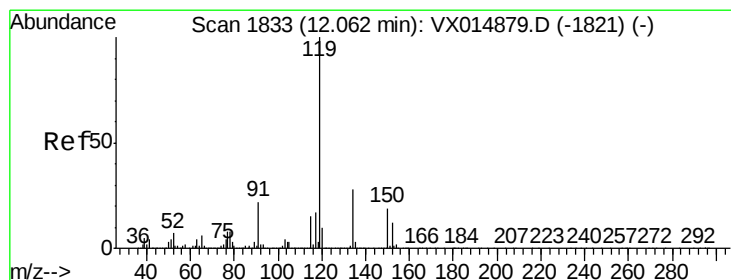
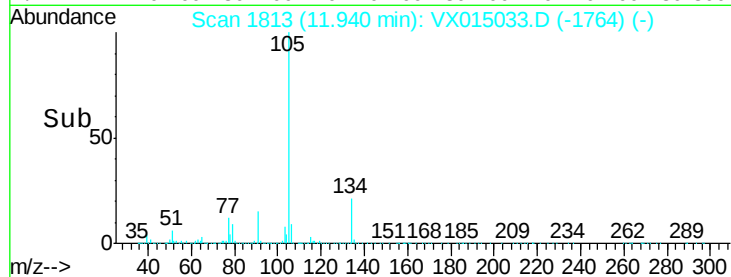
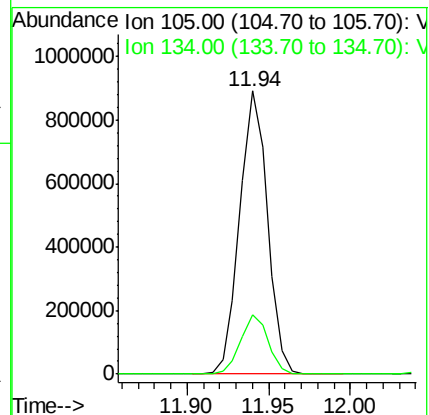
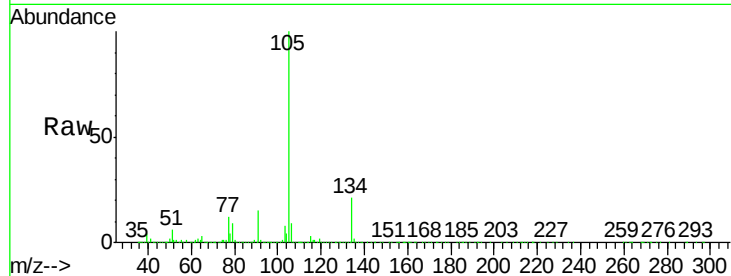
VSTDCCC050

Tgt Ion:105 Resp: 1058474

Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8



#86

p-Isopropyltoluene

Concen: 54.16 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

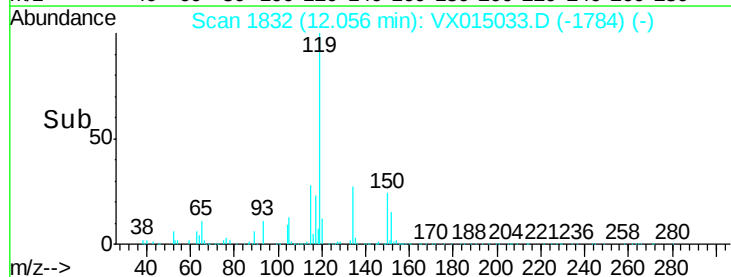
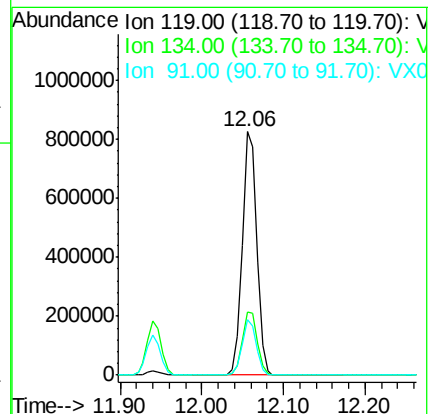
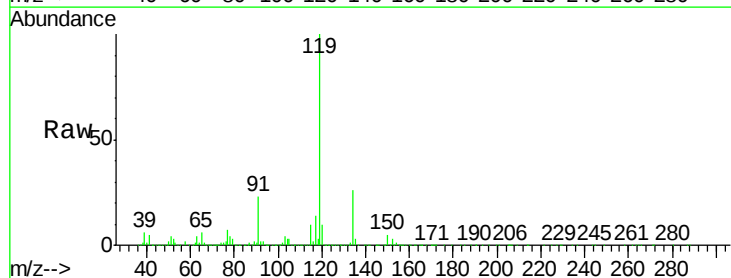
Tgt Ion:119 Resp: 990192

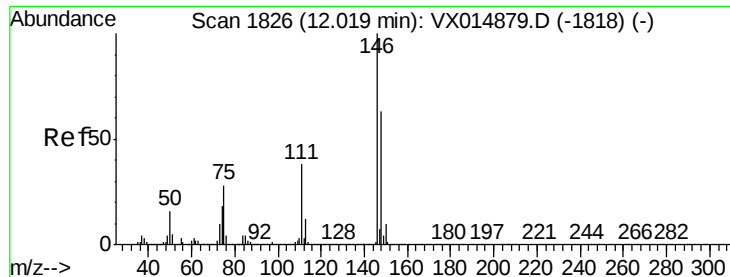
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.2 11.4 34.1

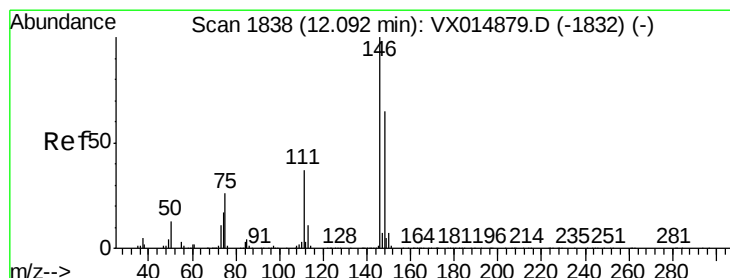
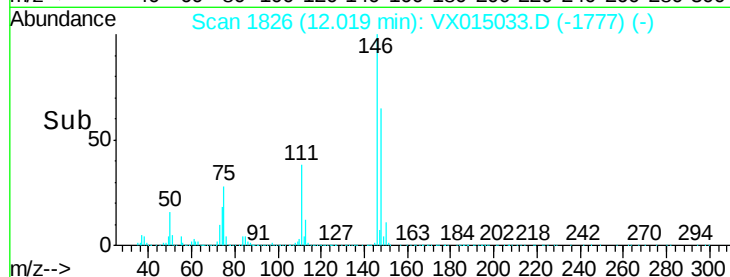
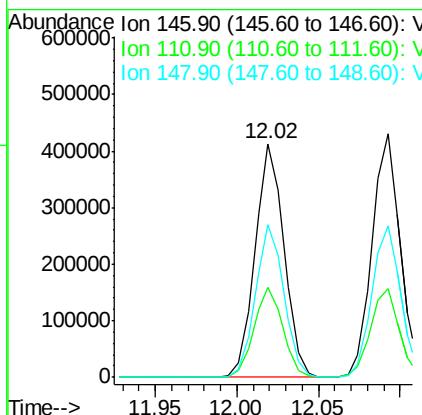
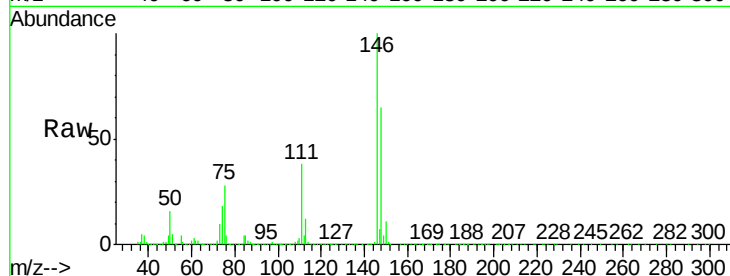




#87
 1,3-Dichlorobenzene
 Concen: 51.11 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

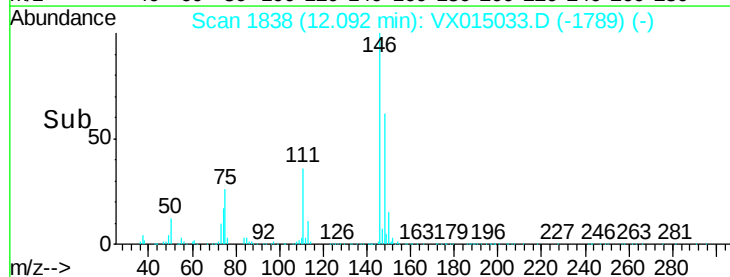
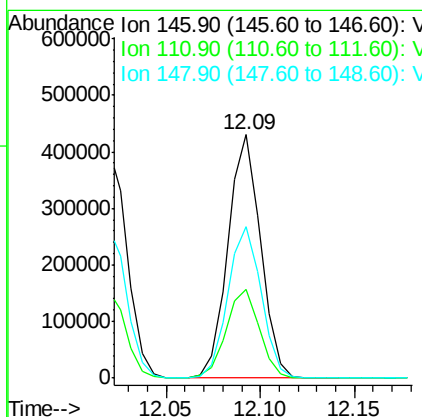
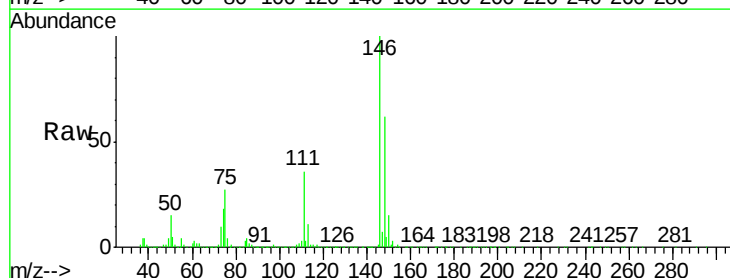
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

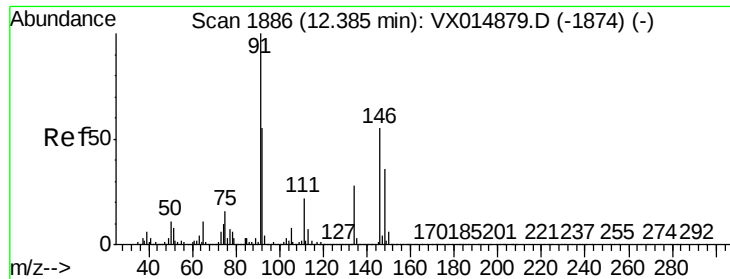
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	56.0
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.77 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	63.6	32.4	97.0





#89

n-Butylbenzene

Concen: 55.05 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

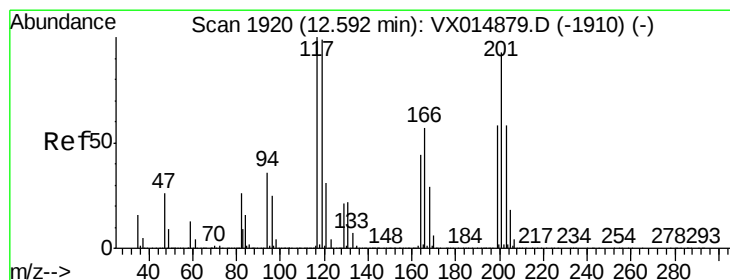
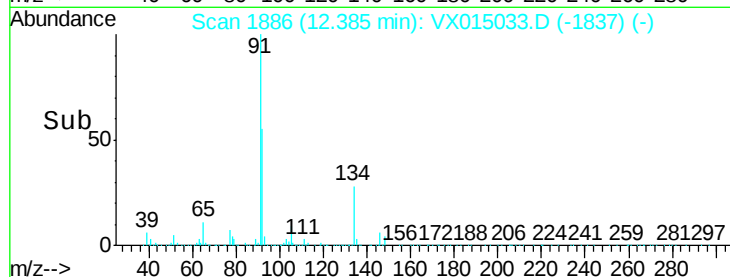
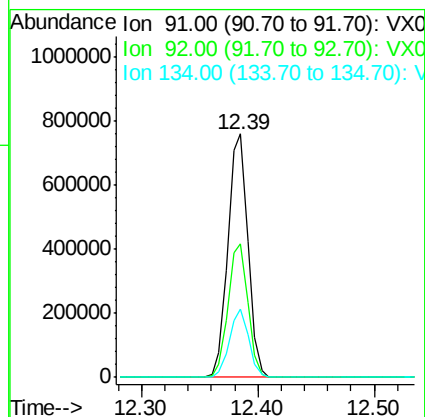
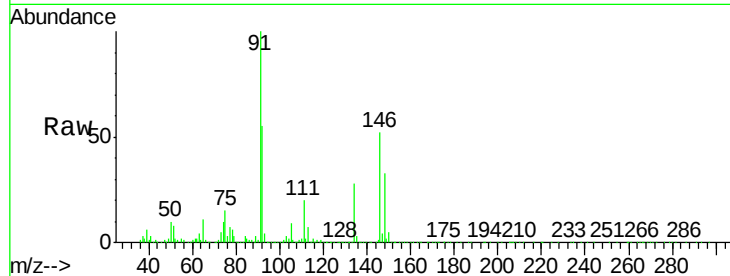
Tgt Ion: 91 Resp: 901433

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

134 26.9 13.8 41.4



#90

Hexachloroethane

Concen: 53.78 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015033.D

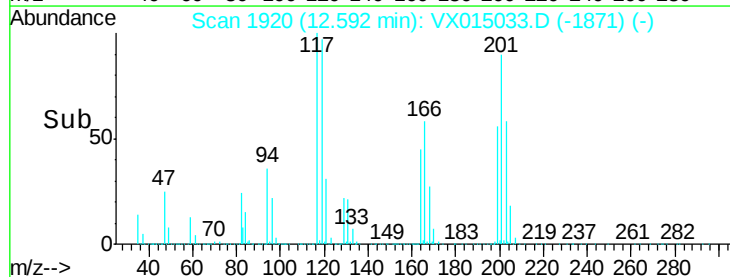
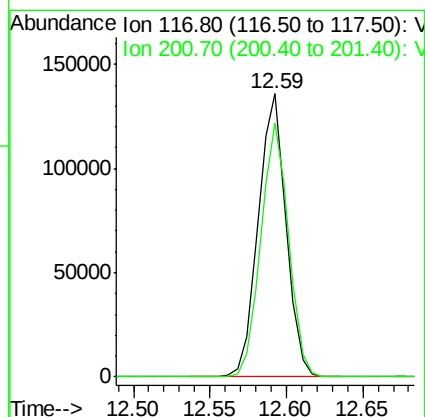
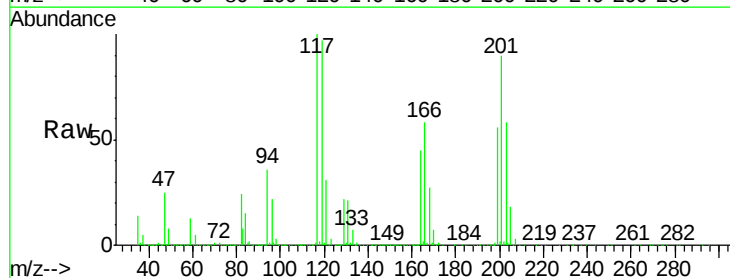
Acq: 27 Feb 2020 08:49

Tgt Ion: 117 Resp: 171710

Ion Ratio Lower Upper

117 100

201 89.7 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 51.69 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

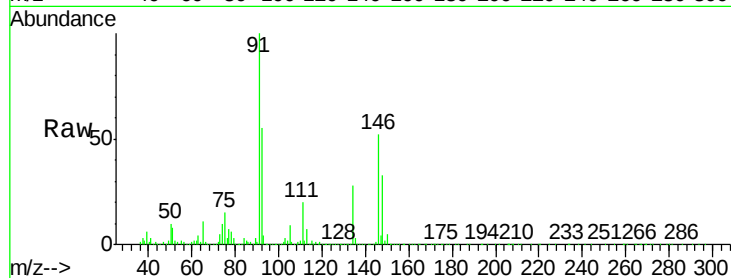
Tgt Ion: 146 Resp: 504523

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

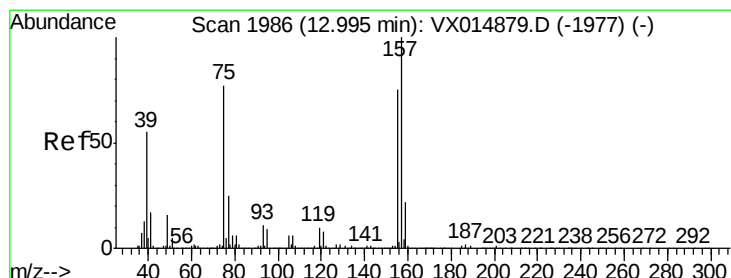
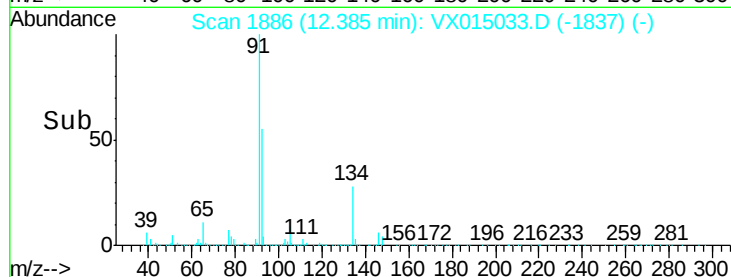
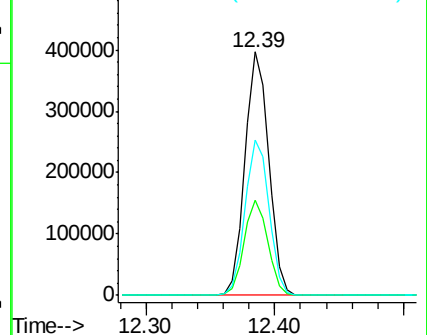
148 64.4 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.70 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

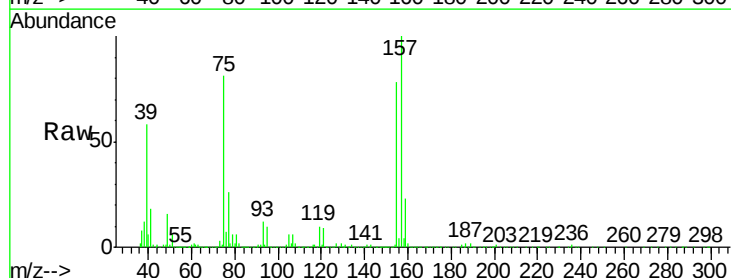
Tgt Ion: 75 Resp: 72709

Ion Ratio Lower Upper

75 100

155 97.5 48.6 145.9

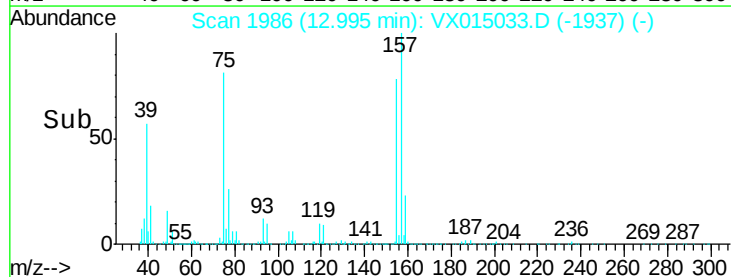
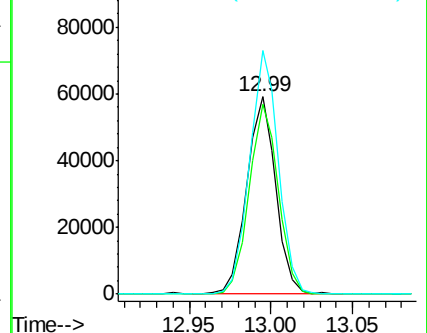
157 124.0 62.0 186.0

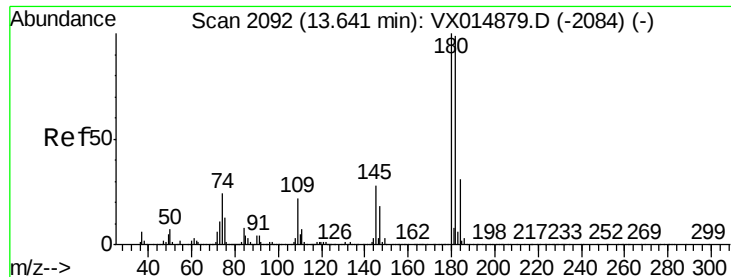


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

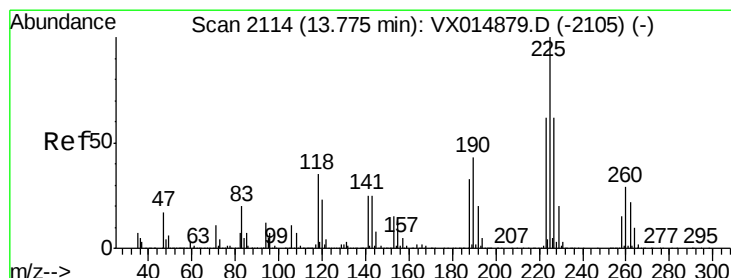
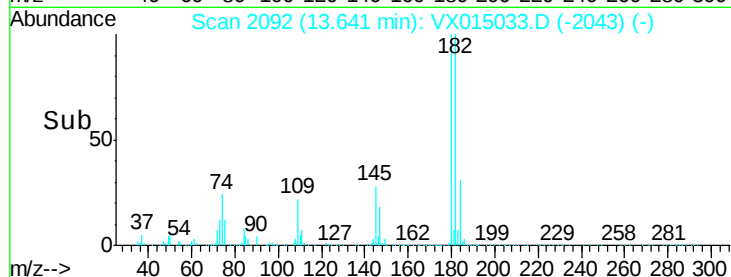
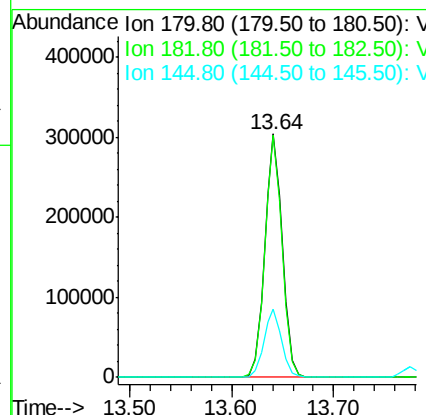
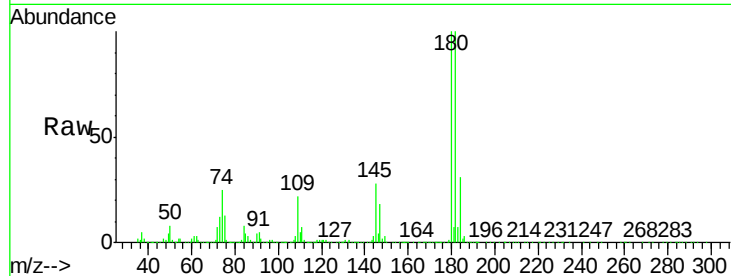




#93
 1,2,4-Trichlorobenzene
 Concen: 50.98 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

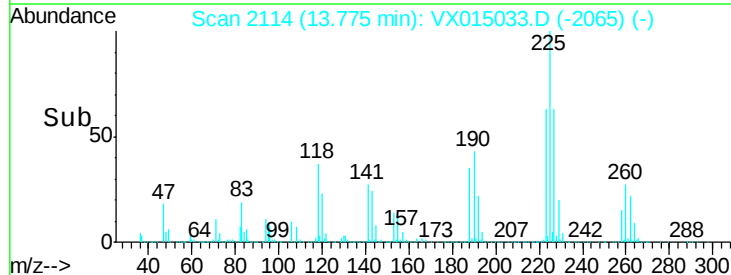
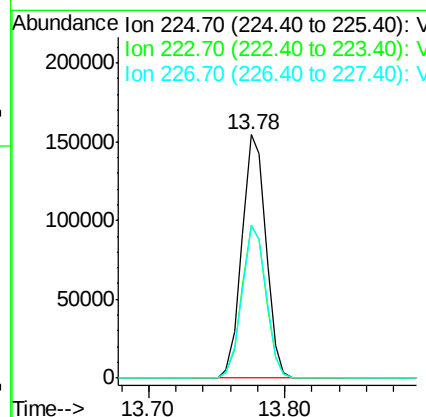
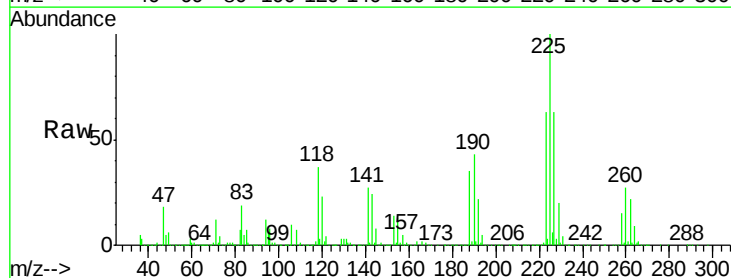
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

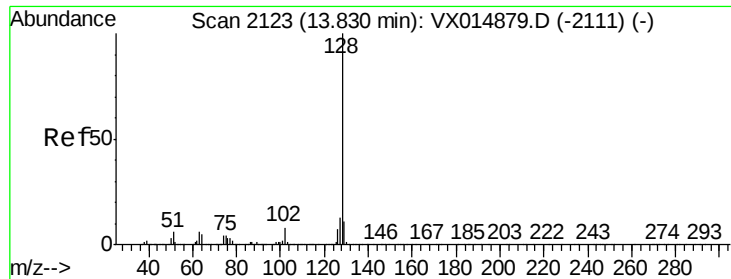
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.4	145.3
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 54.57 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.1	93.2
227	62.8	30.9	92.5





#95

Naphthalene

Concen: 55.08 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

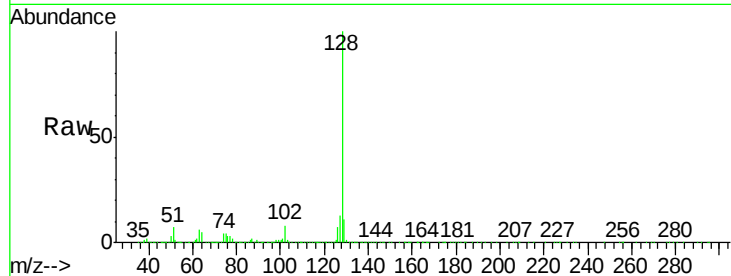
Tgt Ion:128 Resp: 1055069

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

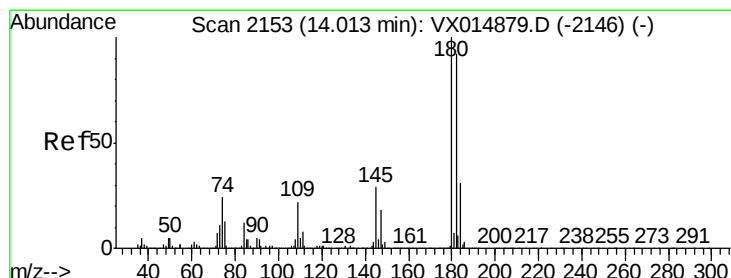
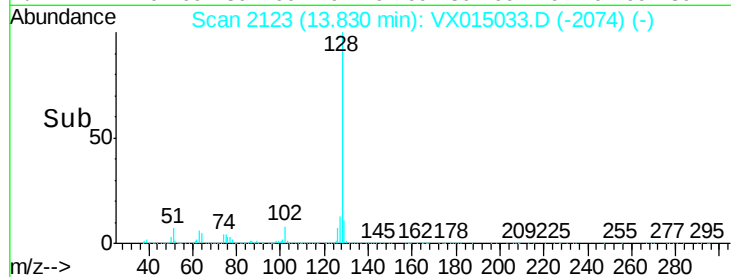
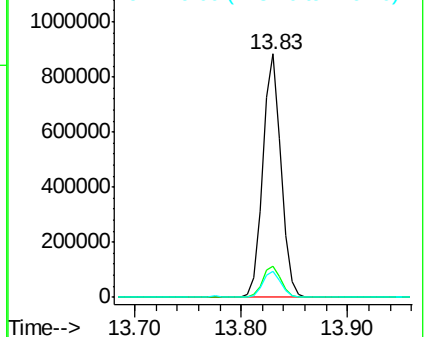
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.12 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

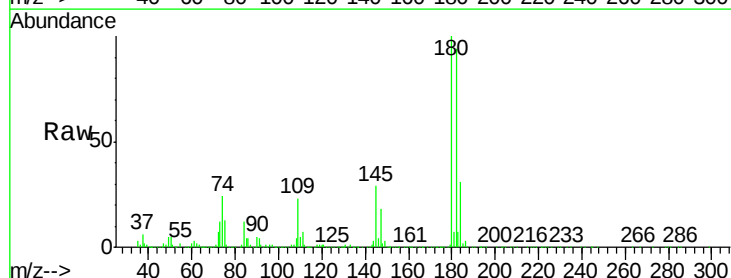
Tgt Ion:180 Resp: 369723

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 29.5 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

