

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
 Data File : VX014522.D
 Acq On : 10 Jan 2020 08:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 10 12:27:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	517091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	273836	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.48	113	229176	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	887266	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	318541	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	316210	49.259	ug/l	98
3) Chloromethane	1.32	50	319418	48.460	ug/l	100
4) Vinyl Chloride	1.40	62	369758	50.343	ug/l	99
5) Bromomethane	1.63	94	214194	43.995	ug/l	98
6) Chloroethane	1.72	64	199824	49.925	ug/l	99
7) Trichlorofluoromethane	1.92	101	399476	47.946	ug/l	99
8) Diethyl Ether	2.18	74	175220	46.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242281	47.797	ug/l	100
10) Methyl Iodide	2.50	142	310794	51.205	ug/l	100
11) Tert butyl alcohol	3.03	59	272543	226.123	ug/l	98
12) 1,1-Dichloroethene	2.37	96	236927	46.392	ug/l	99
13) Acrolein	2.28	56	215479	223.047	ug/l	98
14) Allyl chloride	2.72	41	423474	47.229	ug/l	99
15) Acrylonitrile	3.13	53	673035	231.363	ug/l	99
16) Acetone	2.43	43	742181	256.535	ug/l	99
17) Carbon Disulfide	2.56	76	651722	45.735	ug/l	98
18) Methyl Acetate	2.76	43	401614	48.407	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	780689	47.619	ug/l	100
20) Methylene Chloride	2.84	84	270706	46.616	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	255910	45.899	ug/l	99
22) Diisopropyl ether	3.84	45	858690	49.556	ug/l	96
23) Vinyl Acetate	3.80	43	3357234	250.252	ug/l	99
24) 1,1-Dichloroethane	3.69	63	458255	48.615	ug/l	100
25) 2-Butanone	4.65	43	1032377	239.425	ug/l	99
26) 2,2-Dichloropropane	4.57	77	376331	47.129	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	291157	46.714	ug/l	99
28) Bromochloromethane	5.00	49	180736	45.503	ug/l	97
29) Tetrahydrofuran	5.11	42	597164	234.240	ug/l	99
30) Chloroform	5.19	83	442158	48.003	ug/l	99
31) Cyclohexane	5.56	56	439321	49.792	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	380458	48.254	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348621	48.570	ug/l	99
37) Ethyl Acetate	4.81	43	365481	46.877	ug/l	99
38) Carbon Tetrachloride	5.77	117	330313	50.008	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	453792	50.322	ug/l	99
40) Benzene	6.13	78	1051371	49.352	ug/l	99
41) Methacrylonitrile	5.03	41	207382	49.879	ug/l	97
42) 1,2-Dichloroethane	6.18	62	354349	47.573	ug/l	100
43) Isopropyl Acetate	6.43	43	616481	48.948	ug/l	99
44) Trichloroethene	7.20	130	295480	48.264	ug/l	97
45) 1,2-Dichloropropane	7.50	63	272335	50.142	ug/l	99
46) Dibromomethane	7.65	93	176152	46.468	ug/l	99
47) Bromodichloromethane	7.89	83	354011	51.322	ug/l	98
48) Methyl methacrylate	7.76	41	301647	50.006	ug/l	100
49) 1,4-Dioxane	7.73	88	126277	987.954	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1879453	244.883	ug/l	100
52) Toluene	8.78	92	672260	49.296	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	394698	49.149	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	438380	50.534	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	266178	48.594	ug/l	99
56) Ethyl methacrylate	9.17	69	422981	50.404	ug/l	99
57) 1,3-Dichloropropane	9.36	76	448523	48.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	769327	269.447	ug/l	99
59) 2-Hexanone	9.48	43	1515318	249.529	ug/l	100
60) Dibromochloromethane	9.57	129	282037	51.227	ug/l	100
61) 1,2-Dibromoethane	9.67	107	275209	47.431	ug/l	99
64) Tetrachloroethene	9.33	164	307954	44.808	ug/l	98
65) Chlorobenzene	10.13	112	713055	47.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	262693	49.463	ug/l	99
67) Ethyl Benzene	10.25	91	1278183	50.391	ug/l	99
68) m/p-Xylenes	10.35	106	977361	99.875	ug/l	98
69) o-Xylene	10.69	106	467415	50.061	ug/l	99
70) Styrene	10.71	104	815993	50.642	ug/l	99
71) Bromoform	10.85	173	218724	50.336	ug/l	99
73) Isopropylbenzene	11.01	105	1254773	50.831	ug/l	99
74) N-amyl acetate	10.89	43	541287	49.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	392130	49.534	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	464048	63.802	ug/l	82
77) Bromobenzene	11.25	156	324410	47.389	ug/l	99
78) n-propylbenzene	11.35	91	1451768	51.353	ug/l	100
79) 2-Chlorotoluene	11.42	91	831040	49.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1059496	51.697	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136299	49.544	ug/l	98
82) 4-Chlorotoluene	11.51	91	978527	49.477	ug/l	98
83) tert-Butylbenzene	11.76	119	995129	51.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1067141	51.530	ug/l	99
85) sec-Butylbenzene	11.94	105	1229908	51.091	ug/l	100
86) p-Isopropyltoluene	12.06	119	1142412	51.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	580260	47.230	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	580148	50.267	ug/l	99
89) n-Butylbenzene	12.39	91	1002612	49.088	ug/l	99
90) Hexachloroethane	12.59	117	199493	50.841	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	575744	47.832	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	81046	45.513	ug/l	99

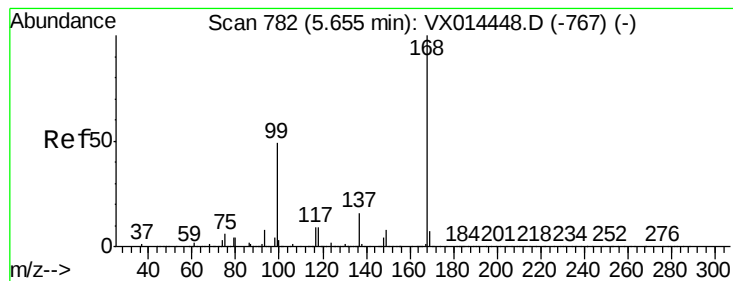
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	408713	48.376	ug/l	100
94) Hexachlorobutadiene	13.78	225	201409	50.903	ug/l	99
95) Naphthalene	13.83	128	1192106	45.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400156	48.255	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

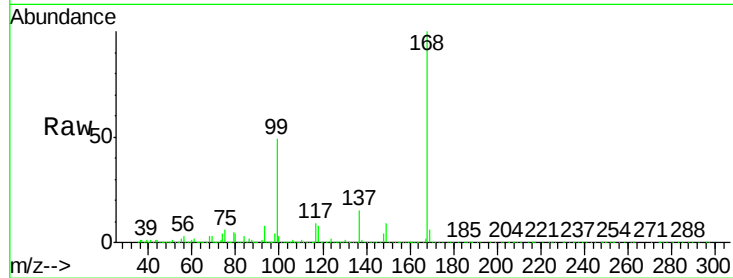
VSTDCCC050

Tgt Ion:168 Resp: 517091

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

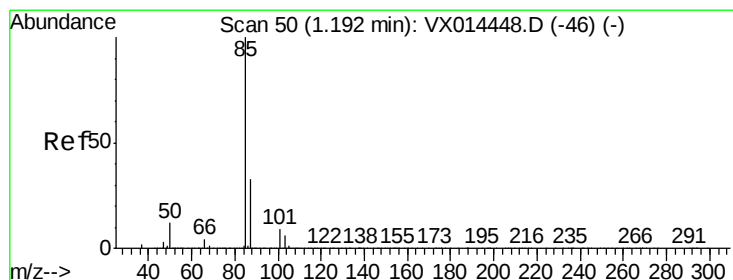
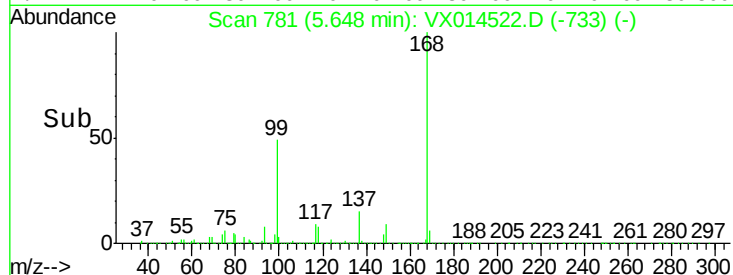
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.259 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014522.D

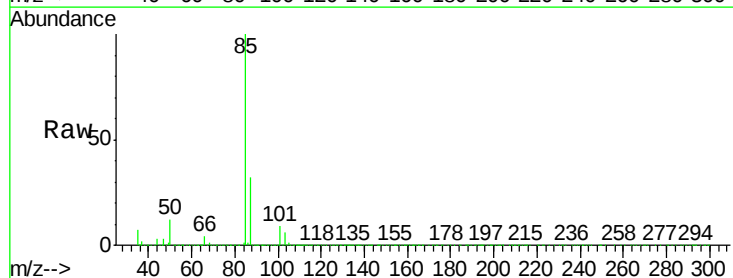
Acq: 10 Jan 2020 08:48

Tgt Ion: 85 Resp: 316210

Ion Ratio Lower Upper

85 100

87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

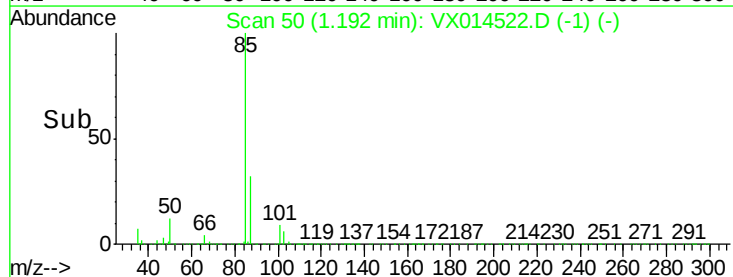
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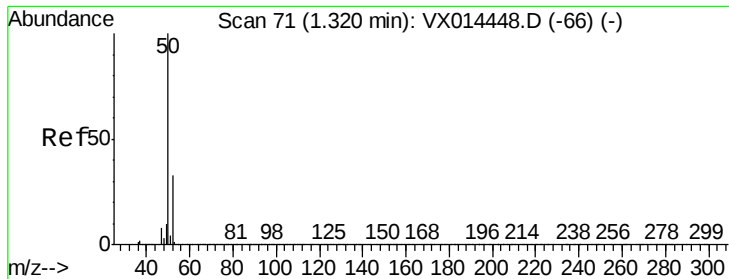
200000

100000

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Time-->





#3

Chloromethane

Concen: 48.460 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

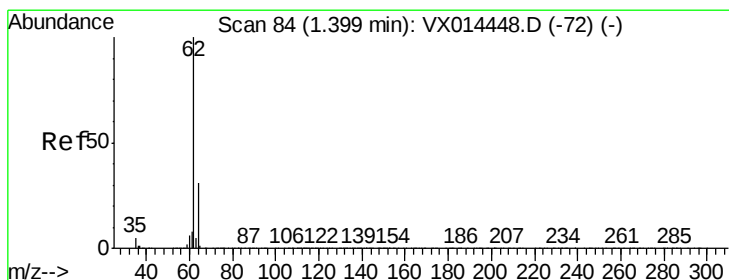
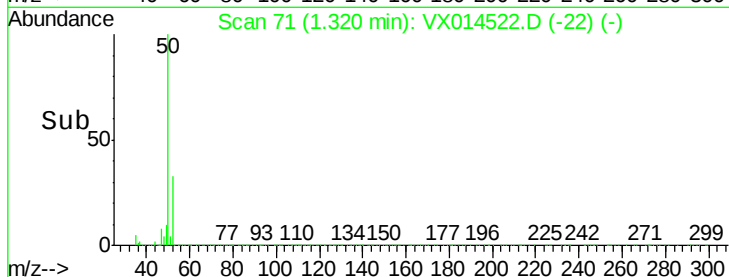
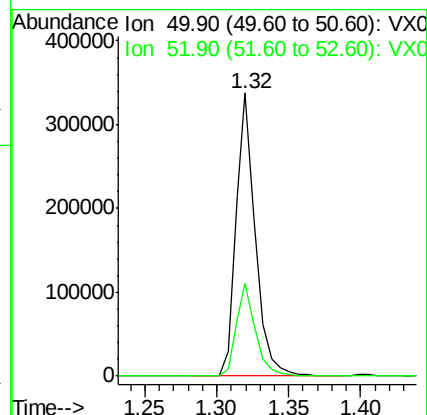
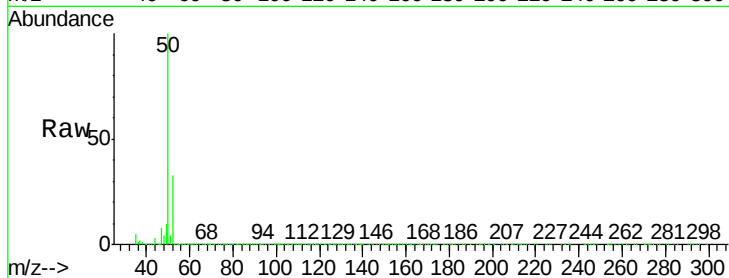
VSTDCCC050

Tgt Ion: 50 Resp: 319418

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 50.343 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014522.D

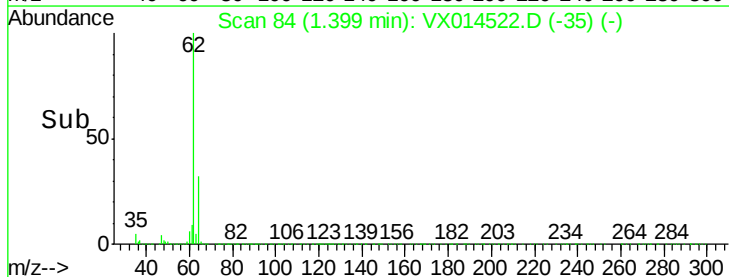
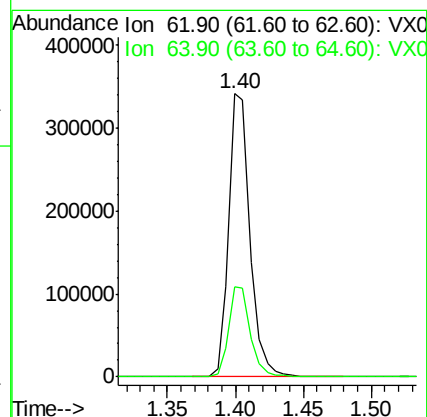
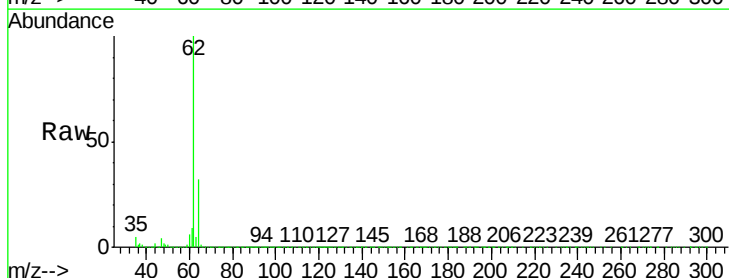
Acq: 10 Jan 2020 08:48

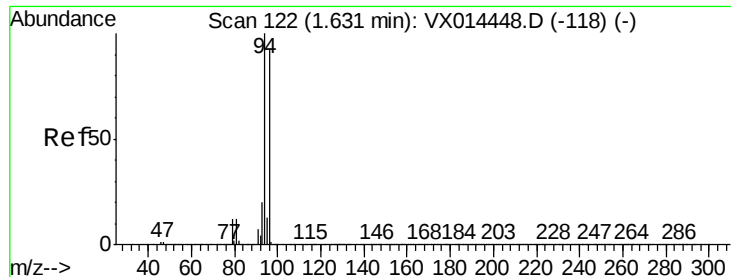
Tgt Ion: 62 Resp: 369758

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 43.995 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

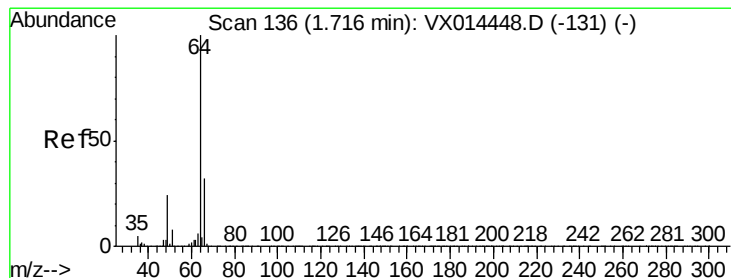
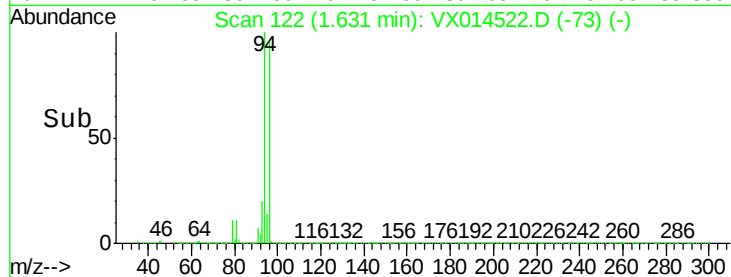
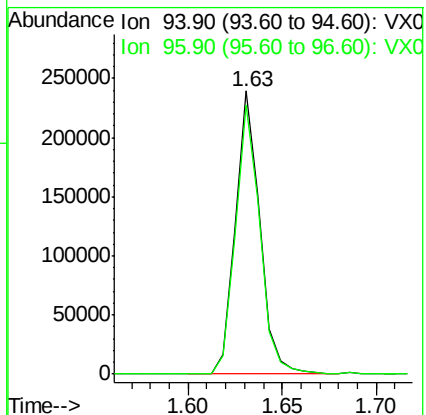
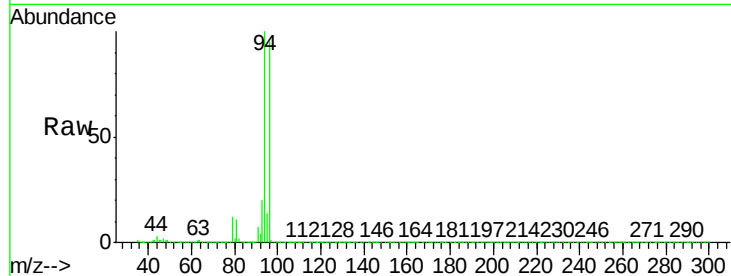
VSTDCCC050

Tgt Ion: 94 Resp: 214194

Ion Ratio Lower Upper

94 100

96 95.0 74.2 111.2



#6

Chloroethane

Concen: 49.925 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014522.D

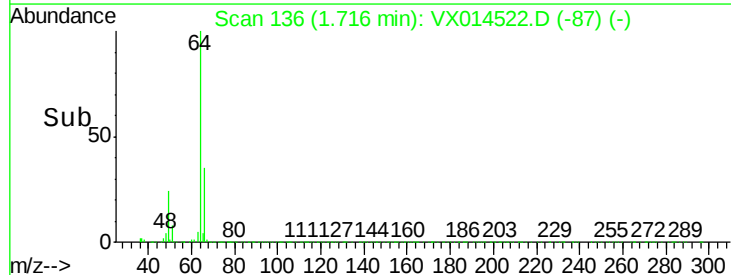
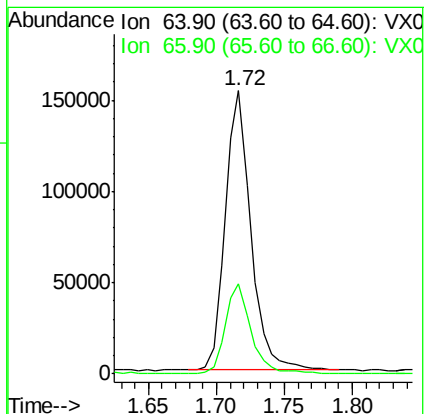
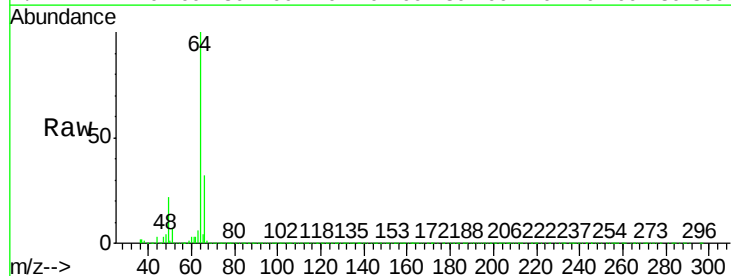
Acq: 10 Jan 2020 08:48

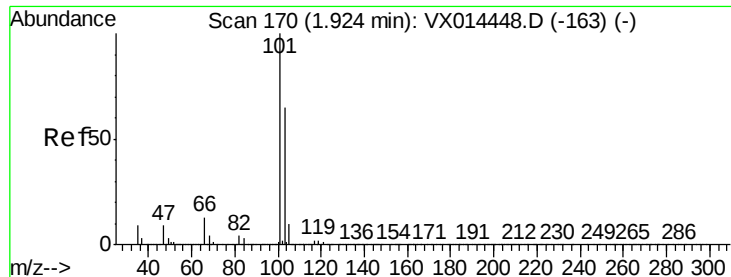
Tgt Ion: 64 Resp: 199824

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



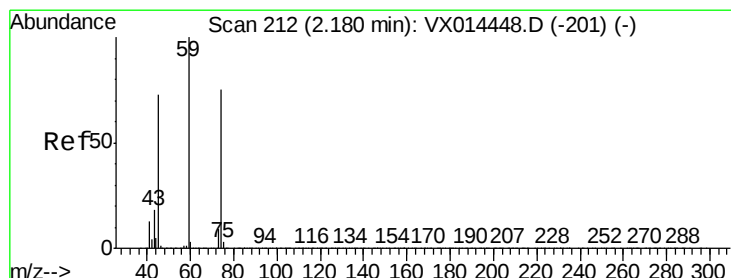
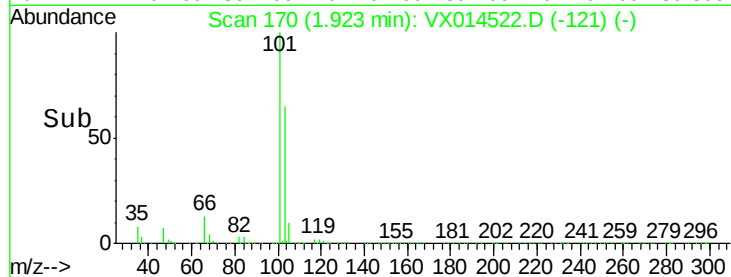
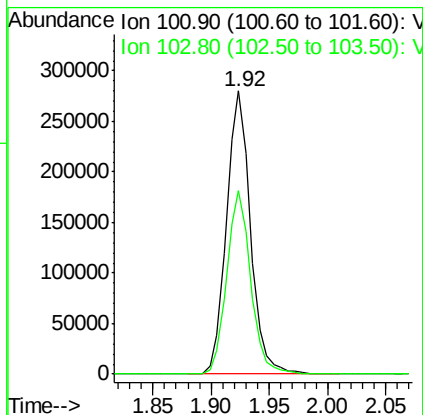
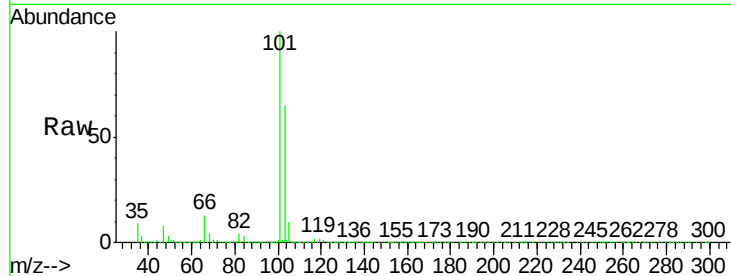


#7

Trichlorofluoromethane
Concen: 47.946 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
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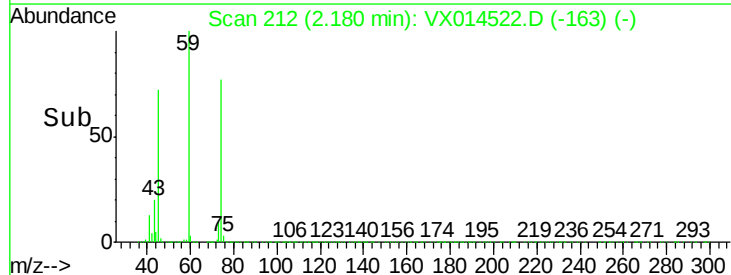
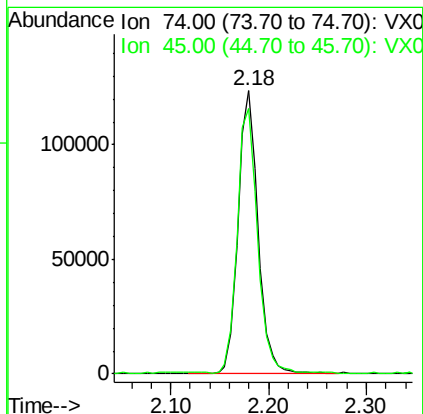
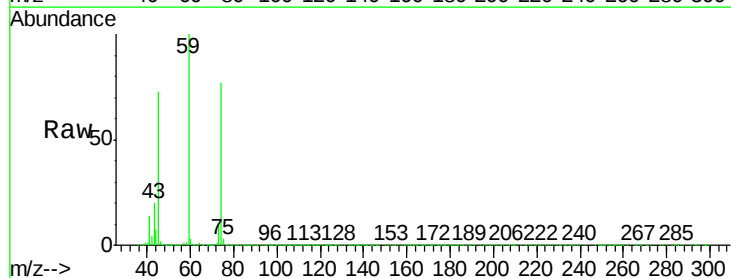
Tgt Ion:101 Resp: 399476
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

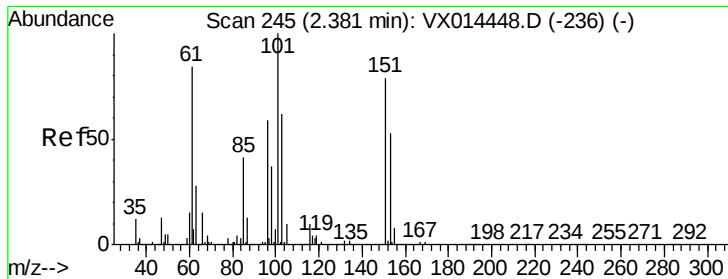


#8

Diethyl Ether
Concen: 46.097 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 74 Resp: 175220
Ion Ratio Lower Upper
74 100
45 95.6 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.797 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

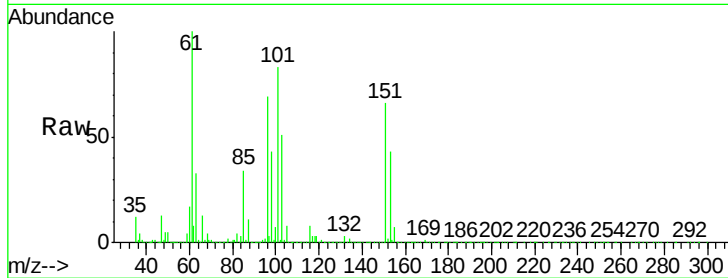
Tgt Ion:101 Resp: 242281

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.8

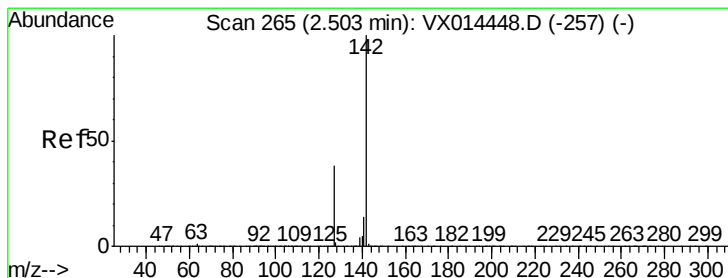
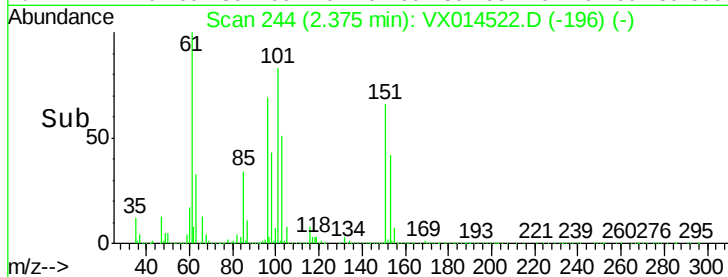
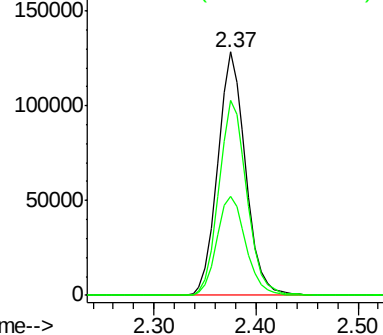
151 81.4 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.205 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

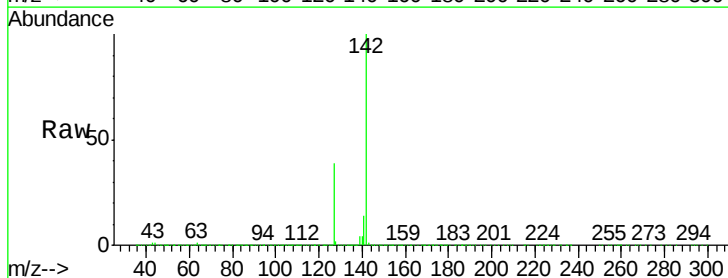
Tgt Ion:142 Resp: 310794

Ion Ratio Lower Upper

142 100

127 39.3 31.2 46.8

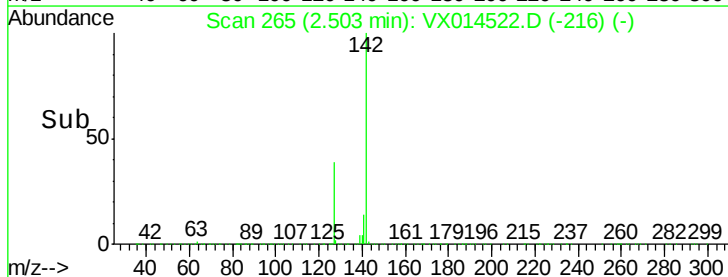
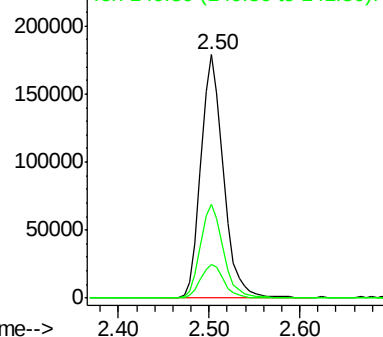
141 14.3 11.4 17.2

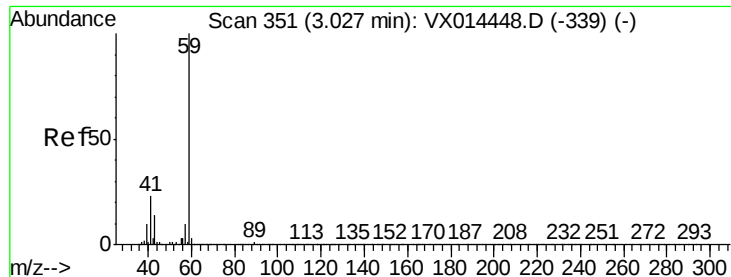


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



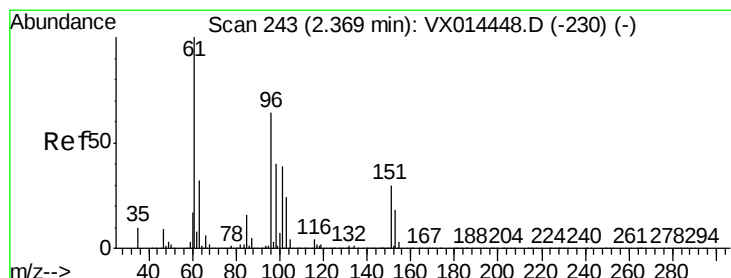
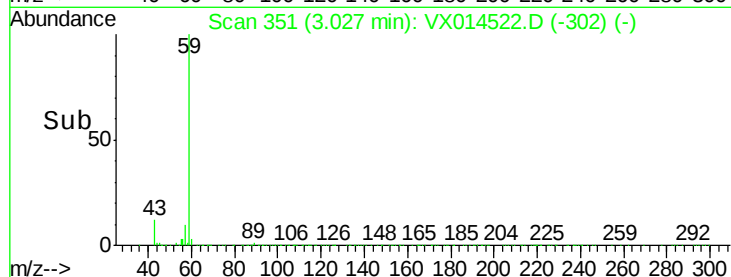
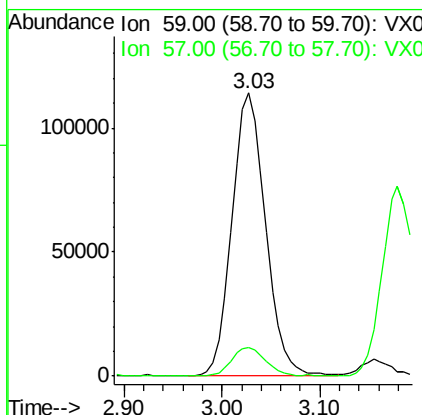
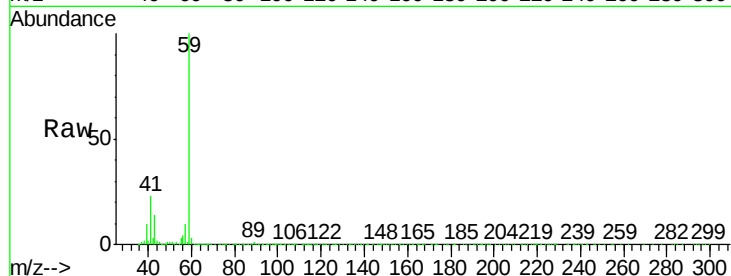


#11

Tert butyl alcohol
Concen: 226.123 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

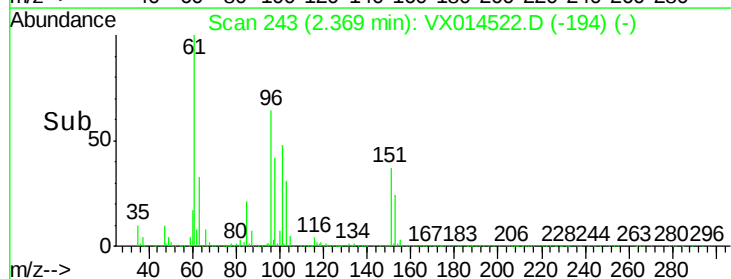
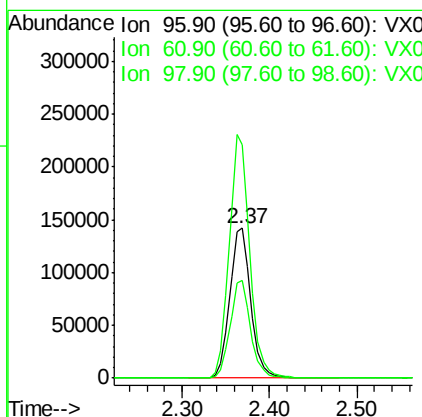
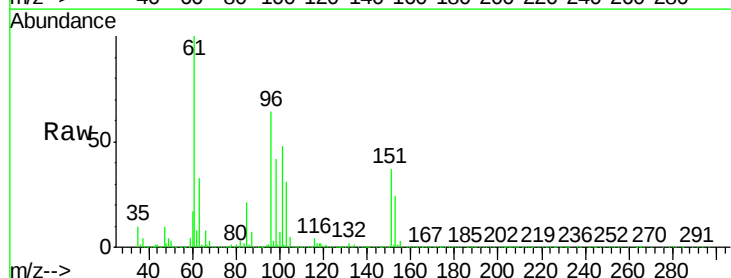
Tgt Ion: 59 Resp: 272543
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

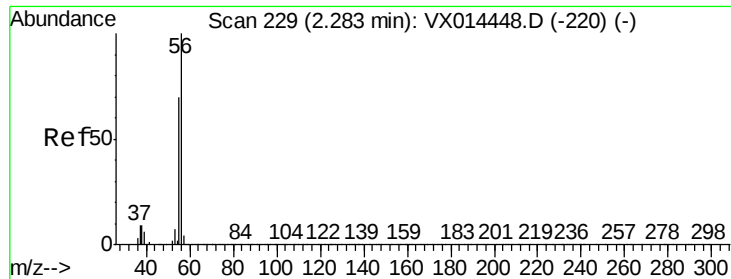


#12

1,1-Dichloroethene
Concen: 46.392 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 96 Resp: 236927
Ion Ratio Lower Upper
96 100
61 155.7 125.0 187.6
98 65.1 50.2 75.2





#13

Acrolein

Concen: 223.047 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

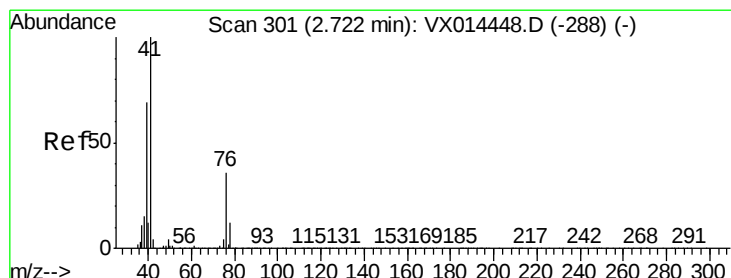
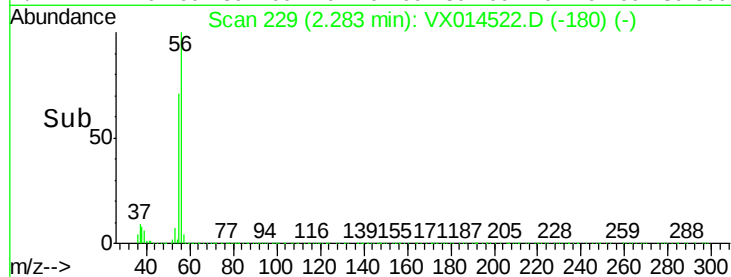
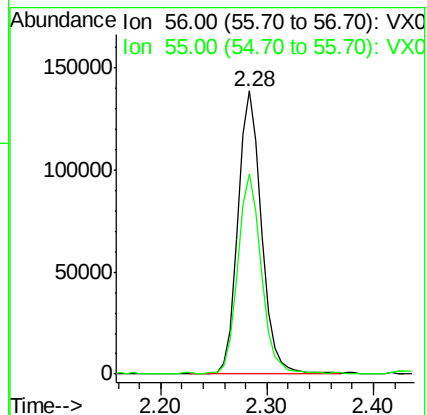
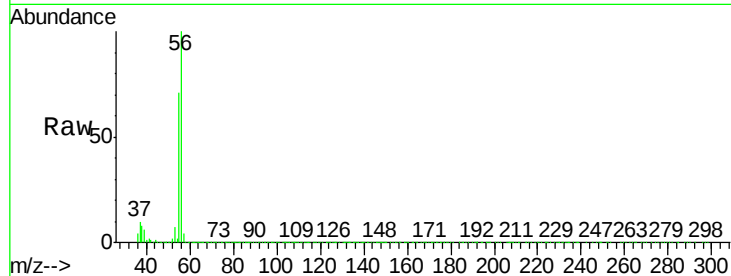
VSTDCCC050

Tgt Ion: 56 Resp: 215479

Ion Ratio Lower Upper

56 100

55 70.3 55.0 82.6



#14

Allyl chloride

Concen: 47.229 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

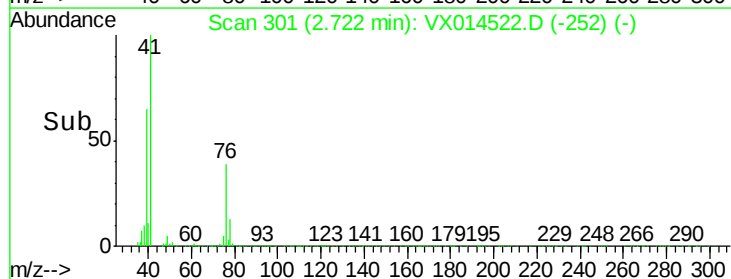
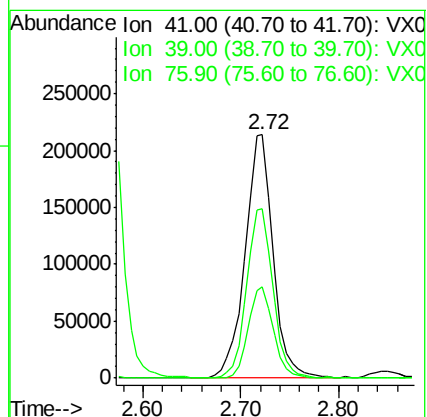
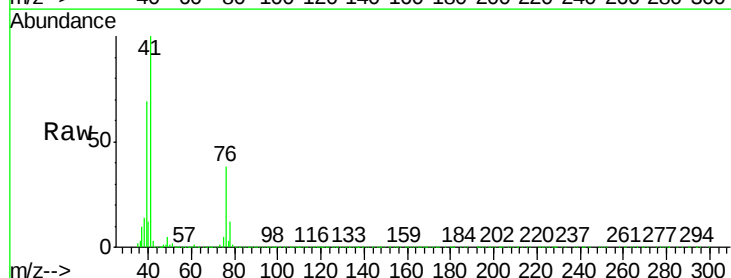
Tgt Ion: 41 Resp: 423474

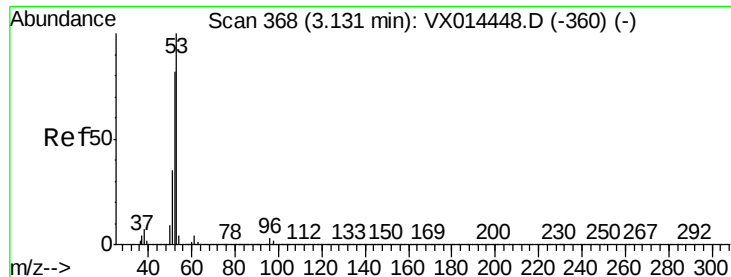
Ion Ratio Lower Upper

41 100

39 65.4 51.7 77.5

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 231.363 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

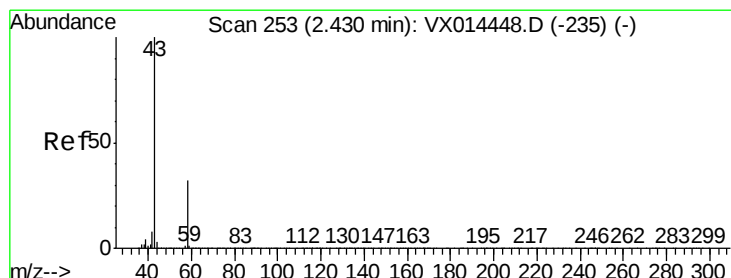
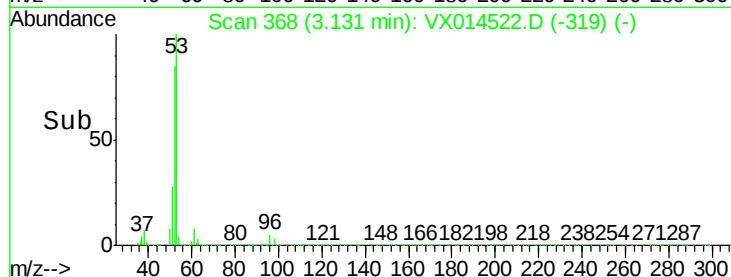
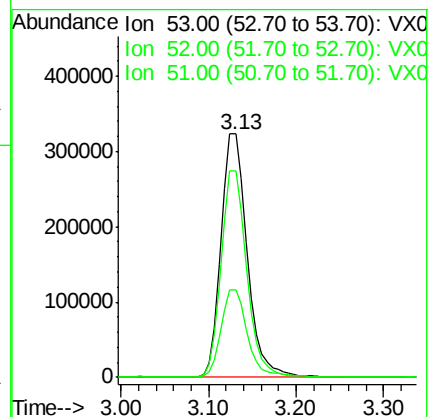
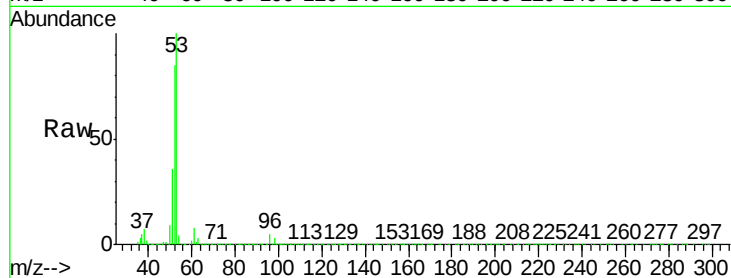
Tgt Ion: 53 Resp: 673035

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

51 36.3 28.5 42.7



#16

Acetone

Concen: 256.535 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014522.D

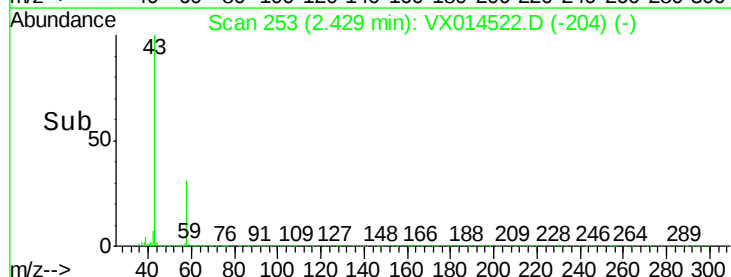
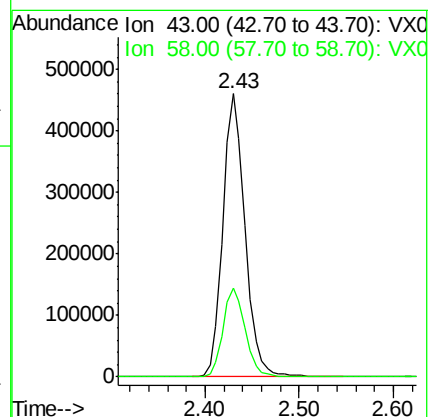
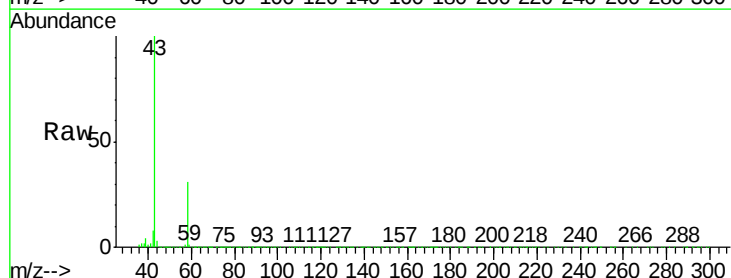
Acq: 10 Jan 2020 08:48

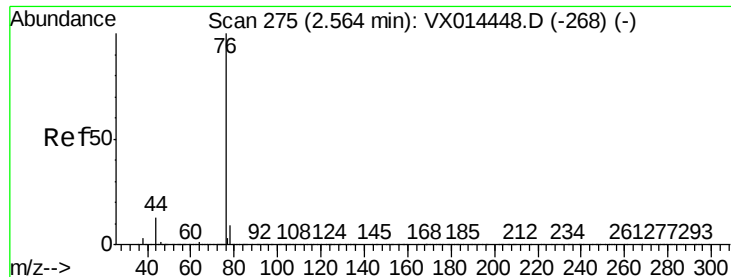
Tgt Ion: 43 Resp: 742181

Ion Ratio Lower Upper

43 100

58 31.2 25.4 38.0





#17

Carbon Disulfide

Concen: 45.735 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

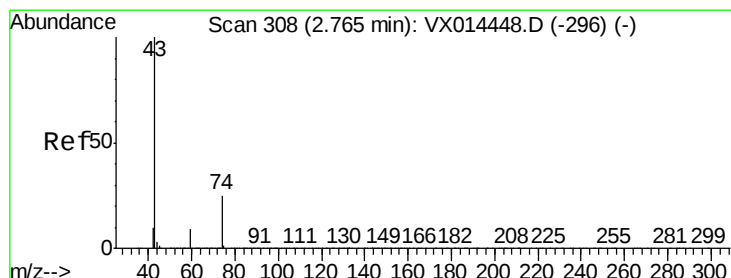
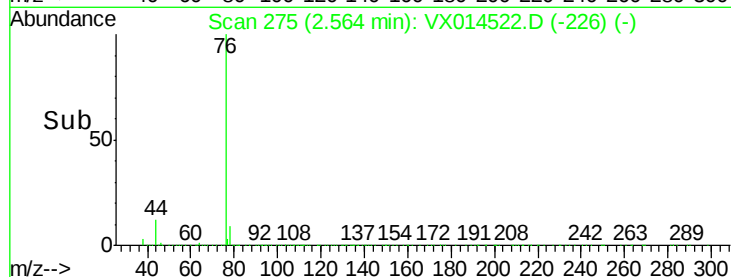
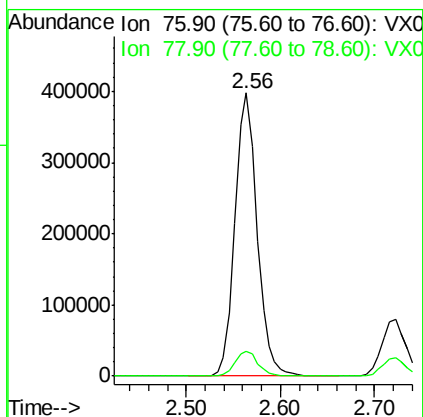
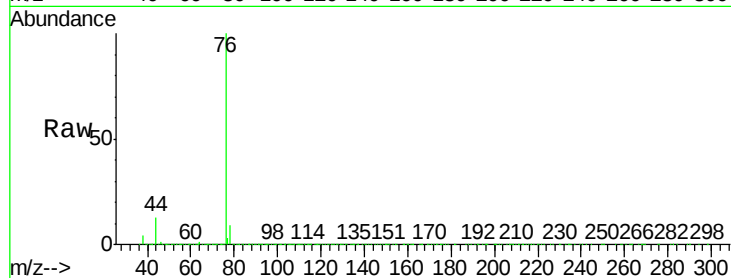
VSTDCCC050

Tgt Ion: 76 Resp: 651722

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



#18

Methyl Acetate

Concen: 48.407 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014522.D

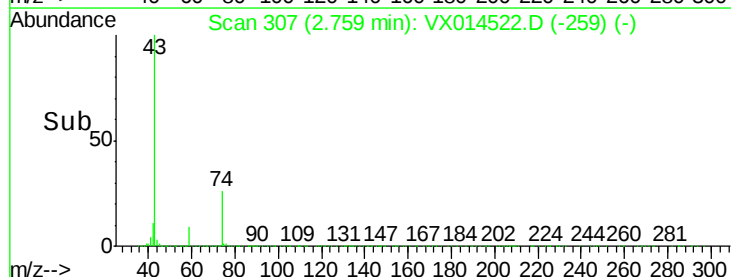
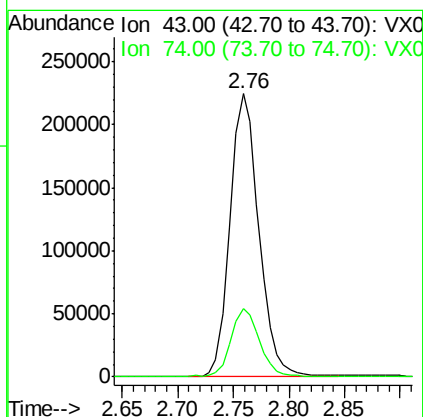
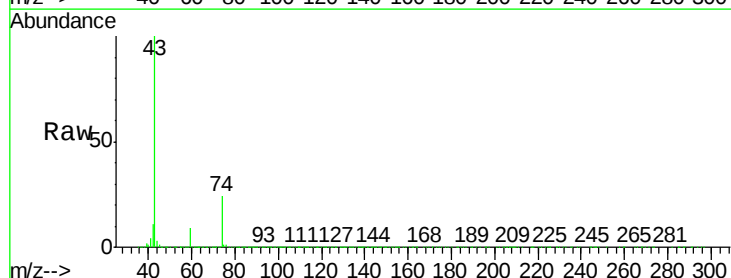
Acq: 10 Jan 2020 08:48

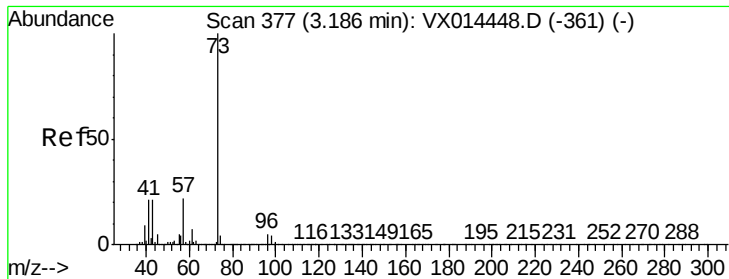
Tgt Ion: 43 Resp: 401614

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.2

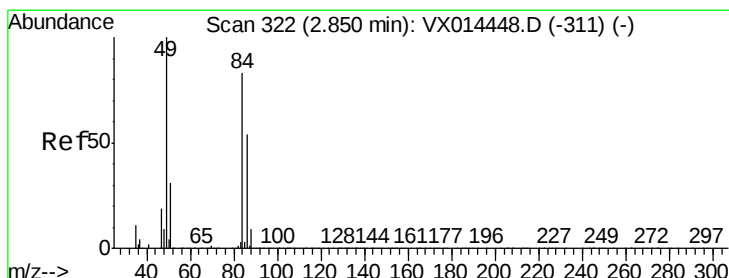
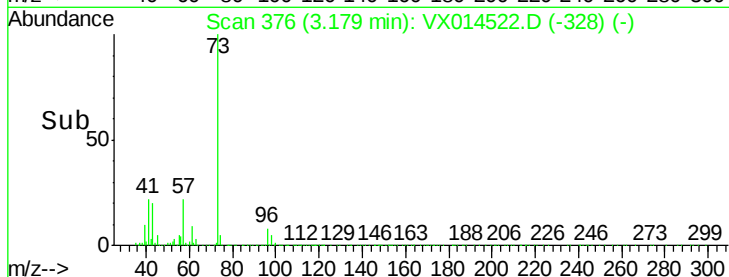
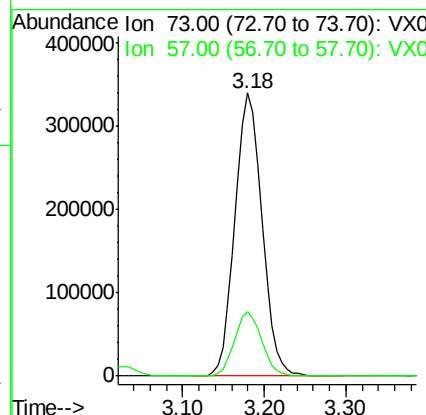
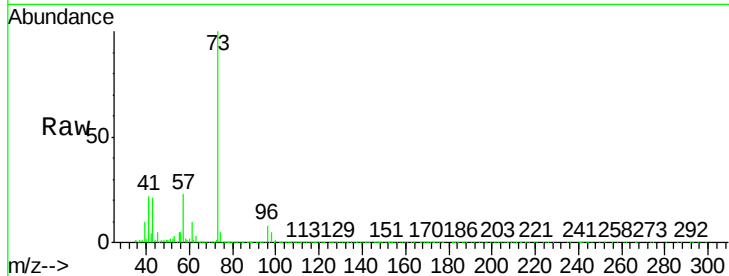




#19
Methyl tert-butyl Ether
Concen: 47.619 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

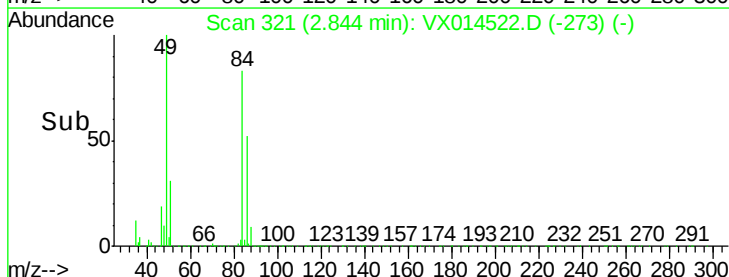
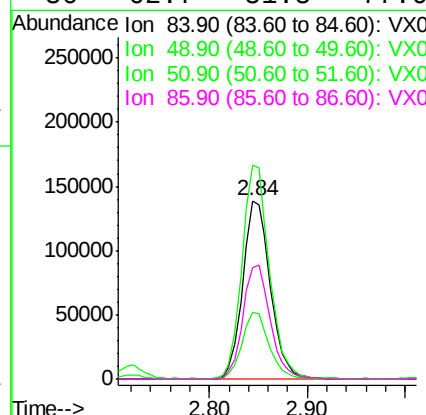
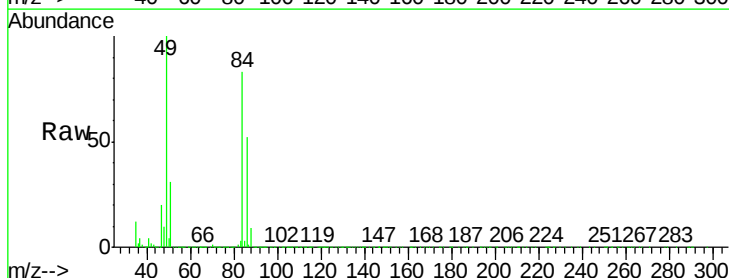
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

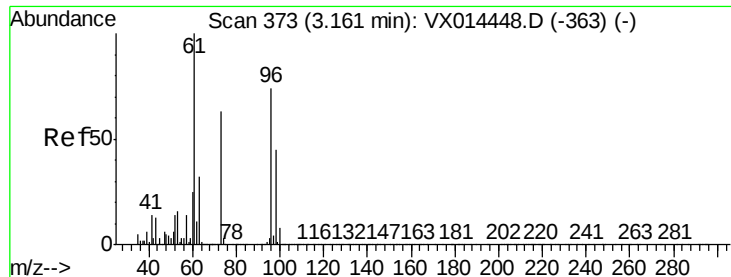
Tgt Ion: 73 Resp: 780689
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 46.616 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 84 Resp: 270706
Ion Ratio Lower Upper
84 100
49 120.0 95.8 143.8
51 37.5 30.2 45.4
86 62.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 45.899 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

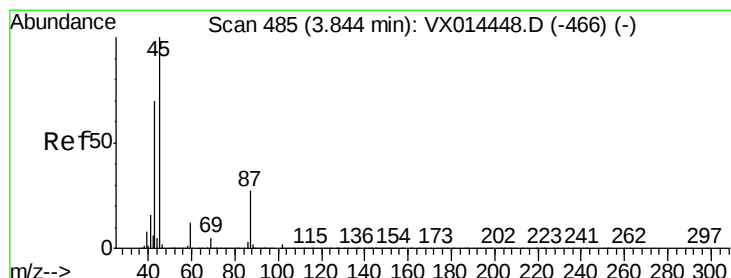
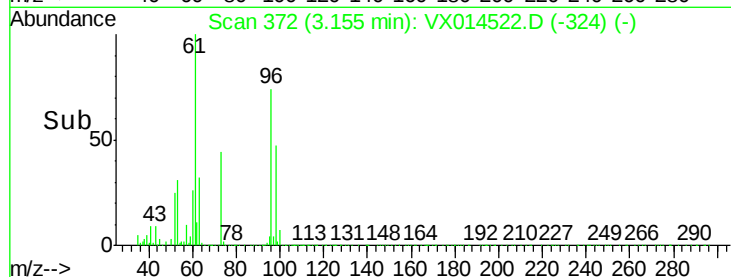
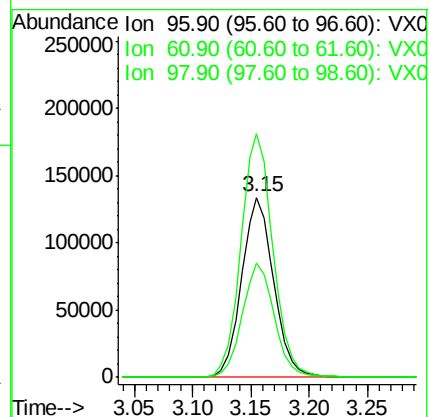
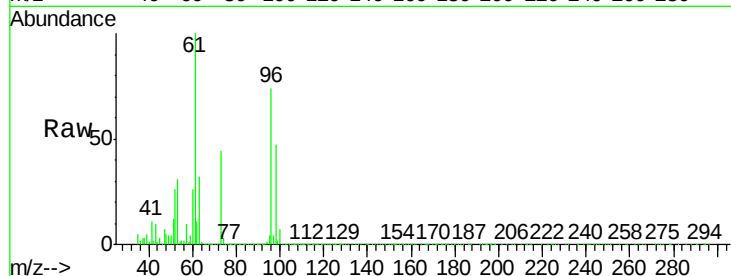
Tgt Ion: 96 Resp: 255910

Ion Ratio Lower Upper

96 100

61 135.2 108.2 162.4

98 63.0 48.8 73.2



#22

Diisopropyl ether

Concen: 49.556 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion: 45 Resp: 858690

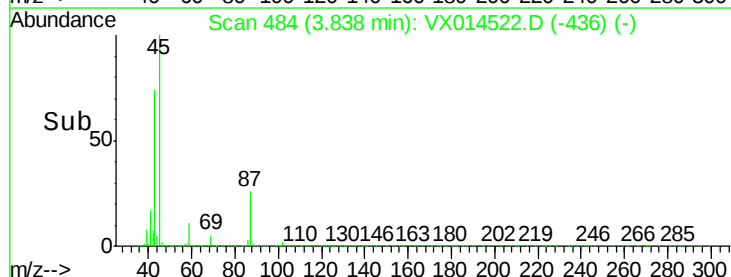
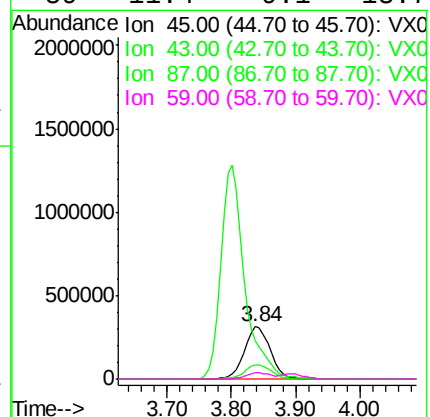
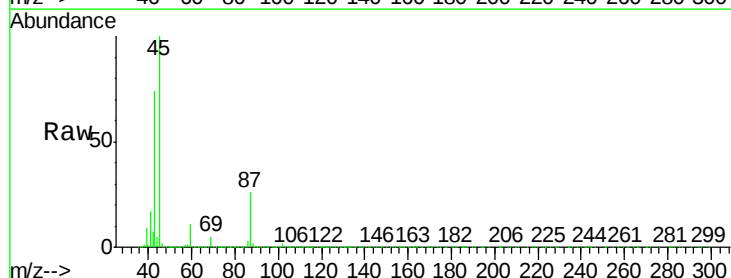
Ion Ratio Lower Upper

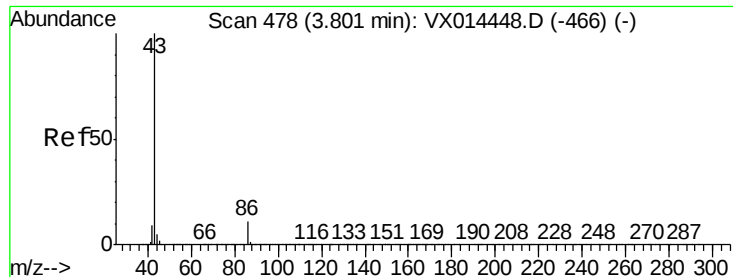
45 100

43 74.2 55.8 83.6

87 26.2 21.8 32.8

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 250.252 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

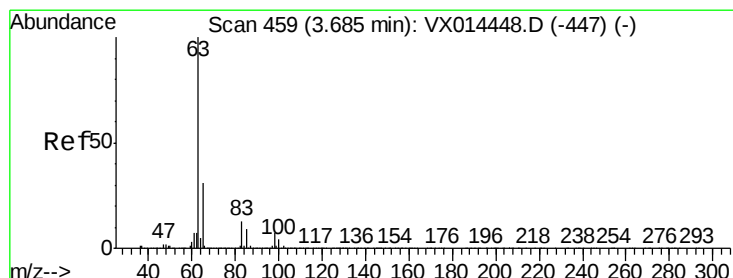
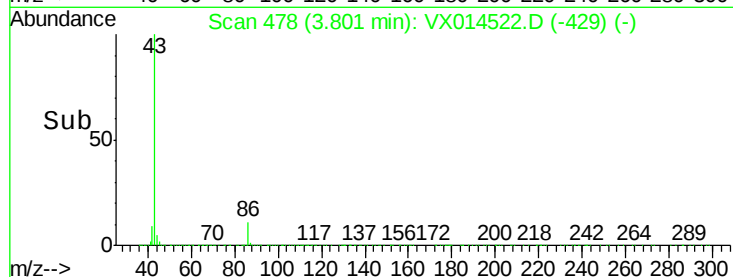
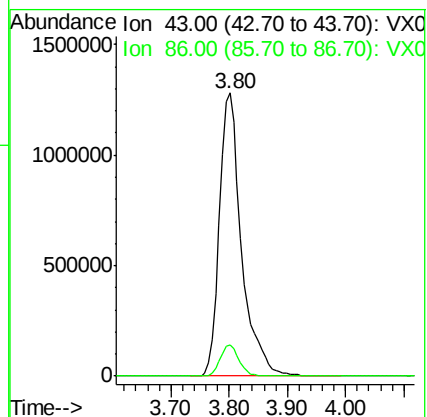
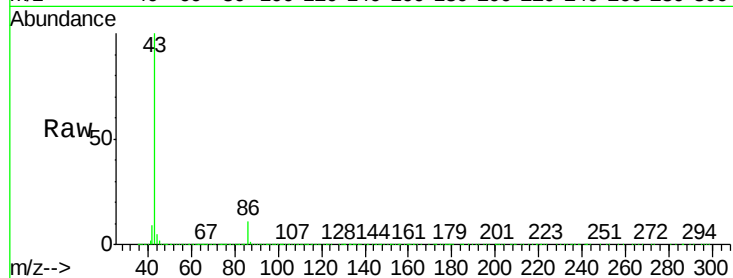
VSTDCCC050

Tgt Ion: 43 Resp: 3357234

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 48.615 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

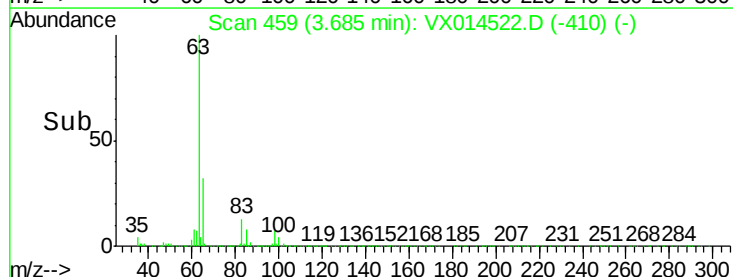
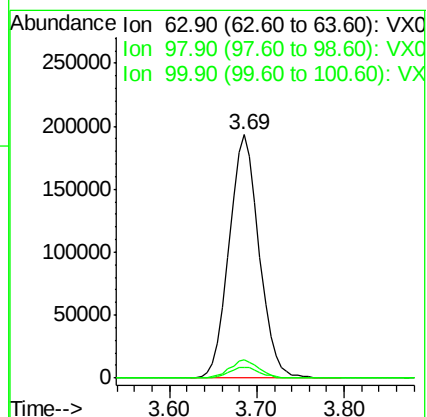
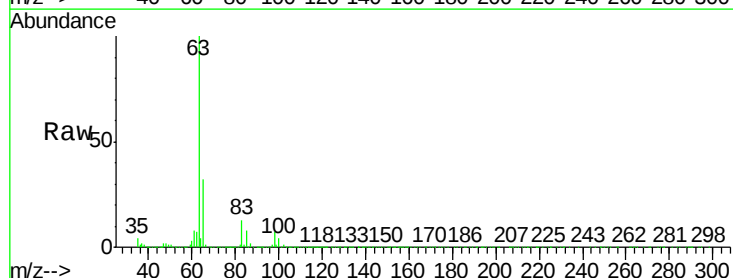
Tgt Ion: 63 Resp: 458255

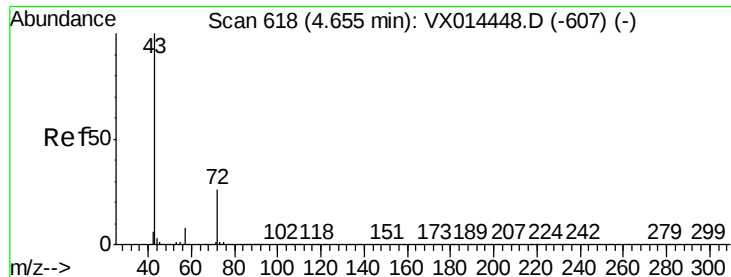
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 239.425 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

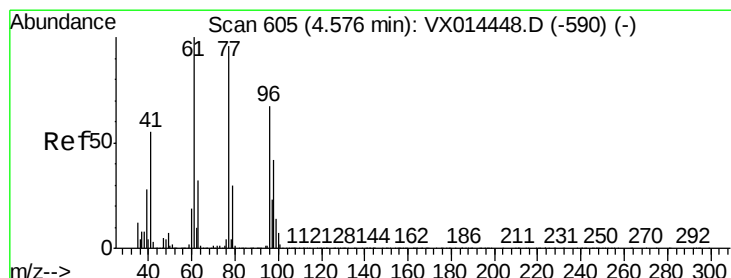
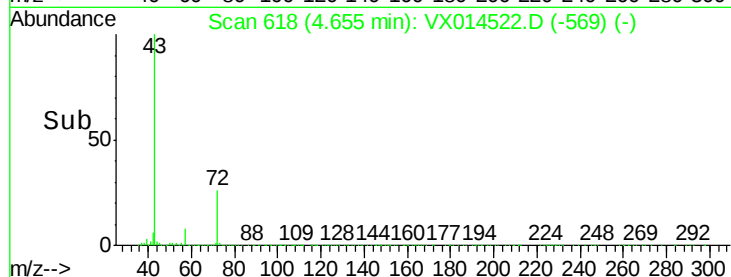
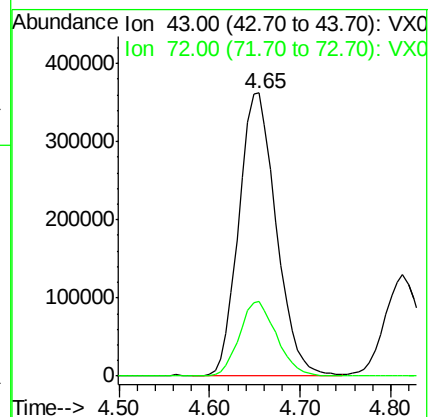
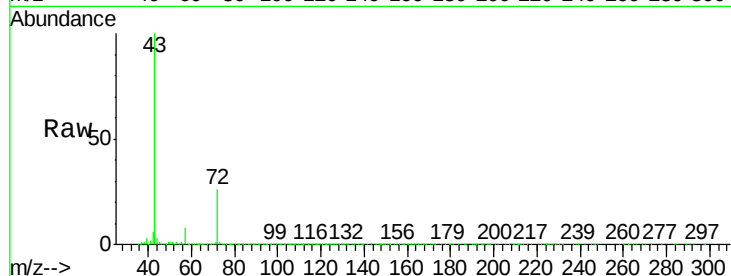
VSTDCCC050

Tgt Ion: 43 Resp: 1032377

Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 47.129 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014522.D

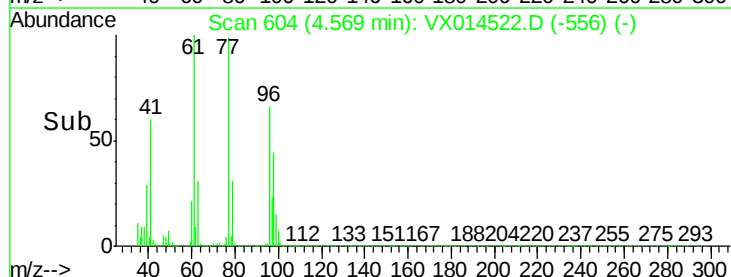
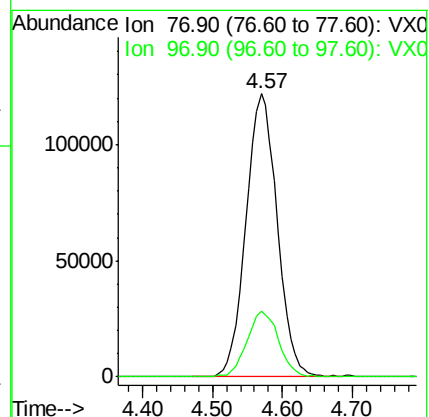
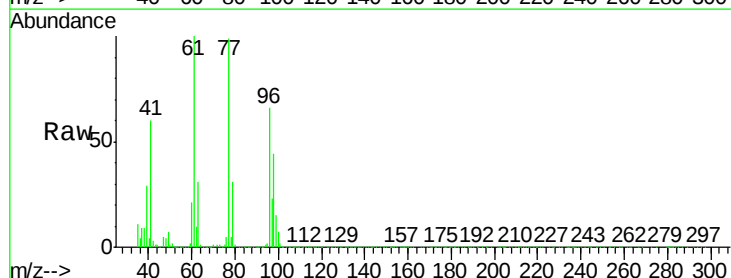
Acq: 10 Jan 2020 08:48

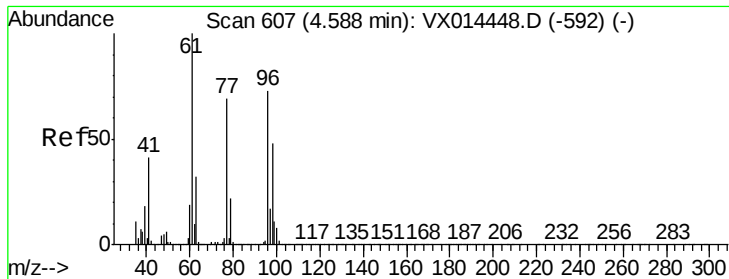
Tgt Ion: 77 Resp: 376331

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



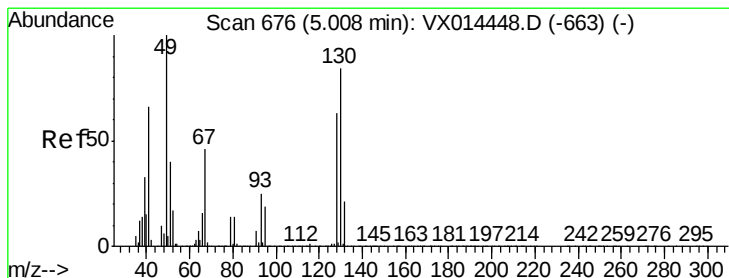
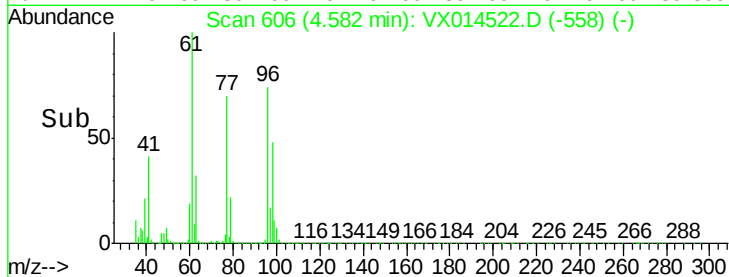
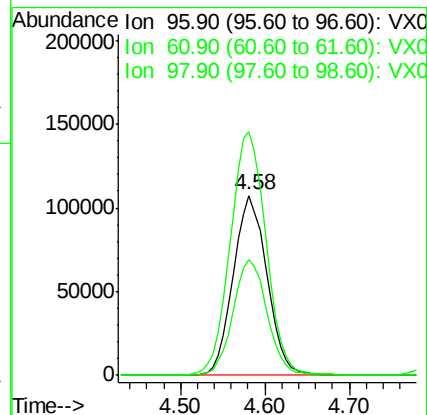
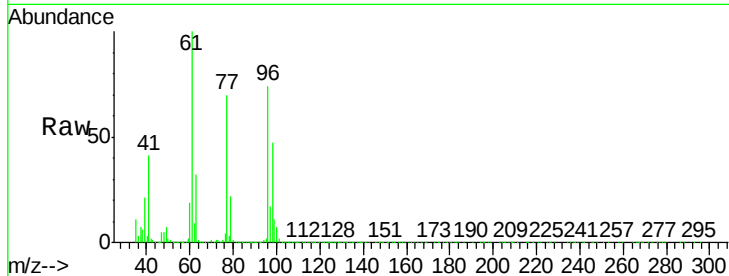


#27

cis-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

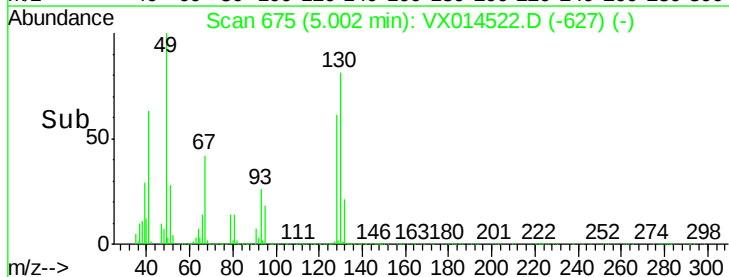
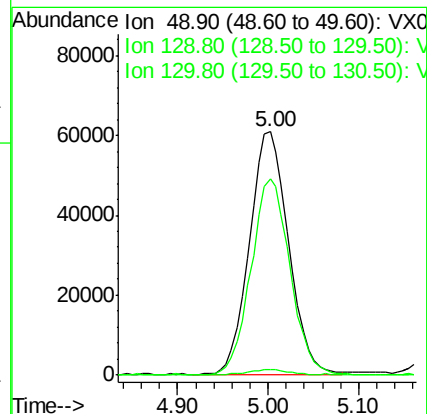
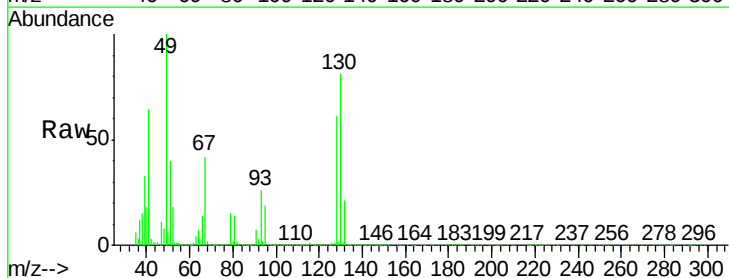
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	285.4
98	65.1	0.0	130.6



#28

Bromochloromethane
Concen: 45.503 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	80.8	67.0	100.4





#29

Tetrahydrofuran

Concen: 234.240 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

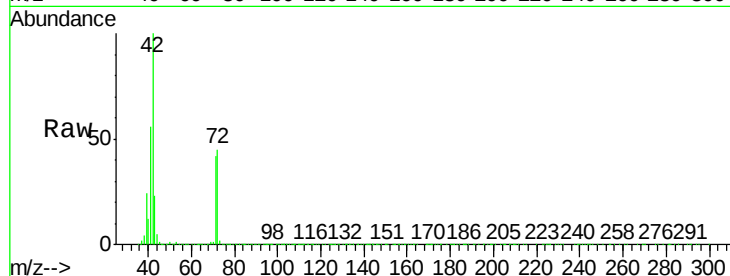
Tgt Ion: 42 Resp: 597164

Ion Ratio Lower Upper

42 100

72 46.0 36.2 54.4

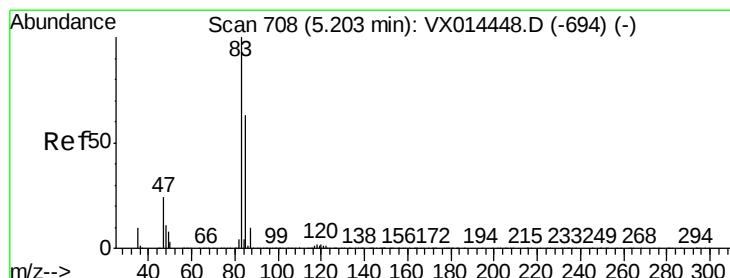
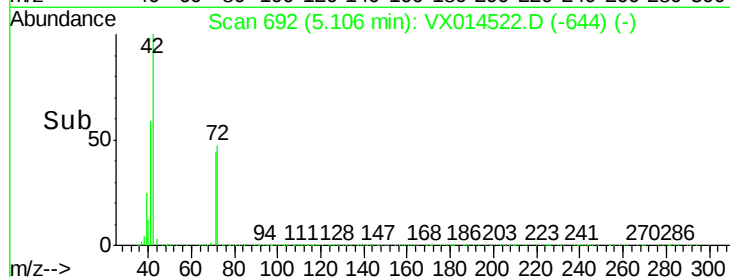
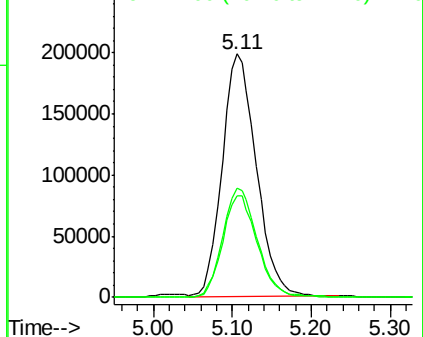
71 42.3 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.003 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014522.D

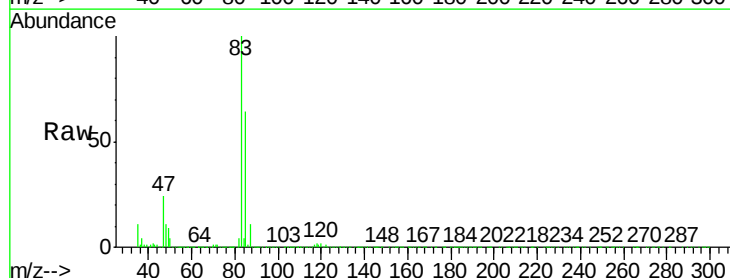
Acq: 10 Jan 2020 08:48

Tgt Ion: 83 Resp: 442158

Ion Ratio Lower Upper

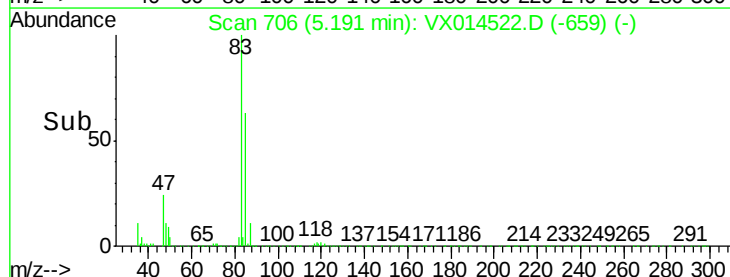
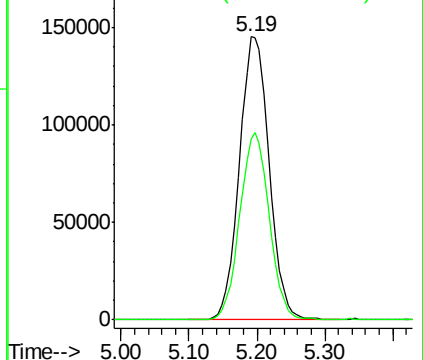
83 100

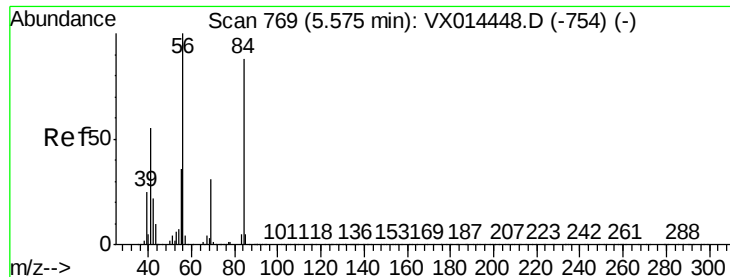
85 64.0 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

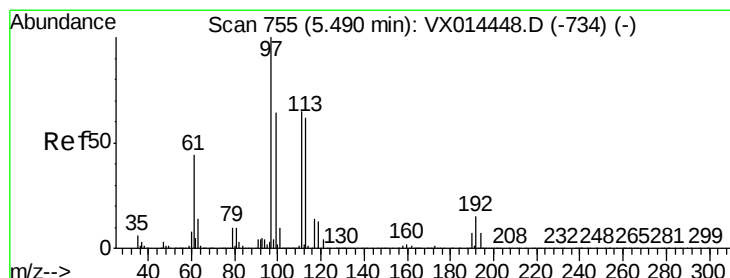
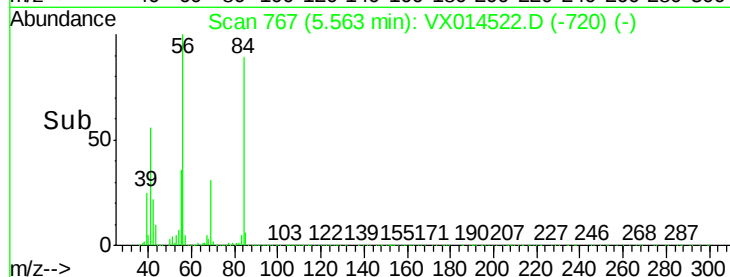
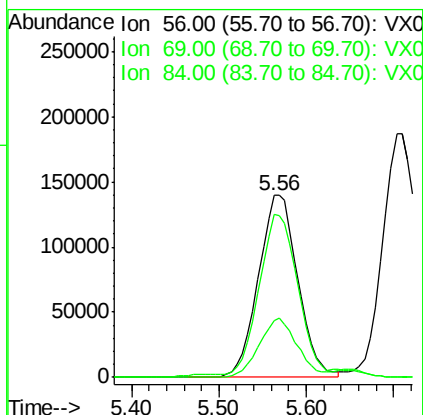
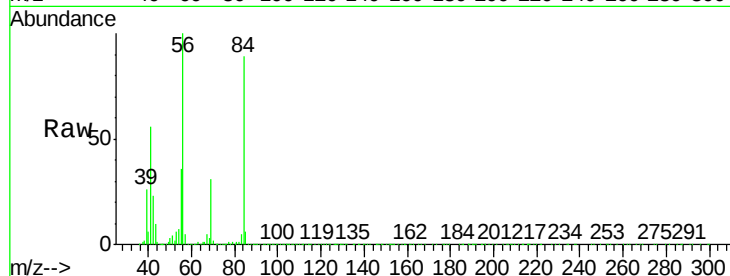




#31
Cyclohexane
Concen: 49.792 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

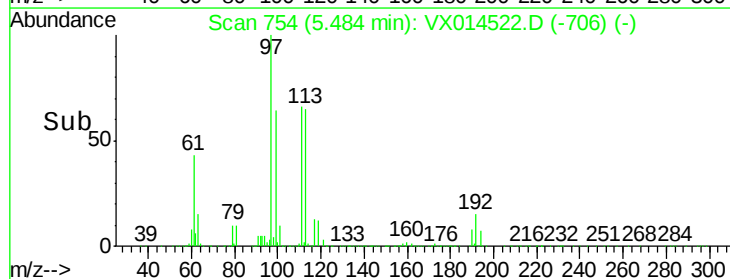
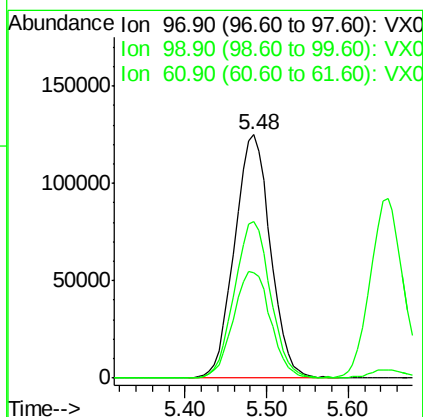
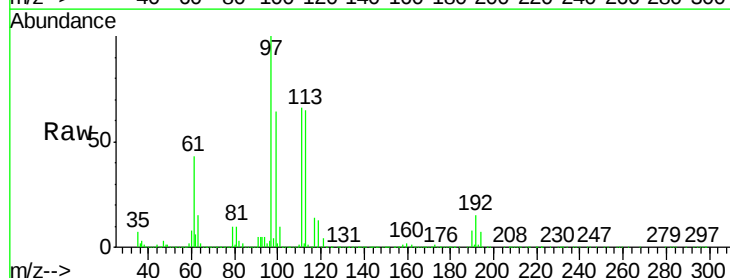
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

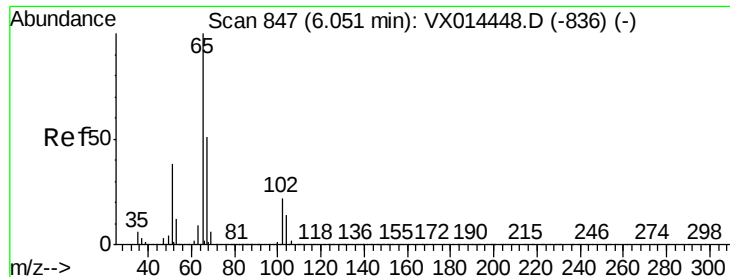
Tgt Ion: 56 Resp: 439321
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 88.3 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 48.254 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 97 Resp: 380458
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 45.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.438 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

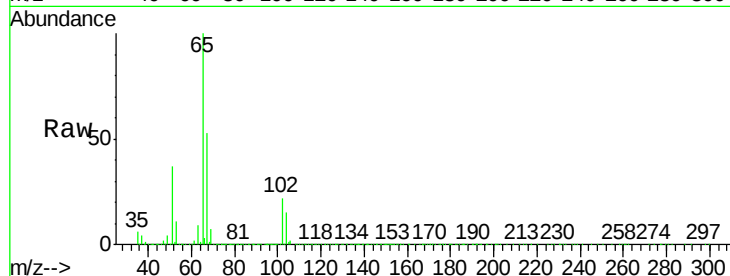
VSTDCCC050

Tgt Ion: 65 Resp: 273836

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

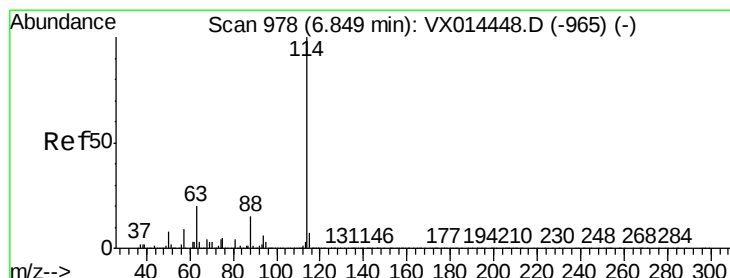
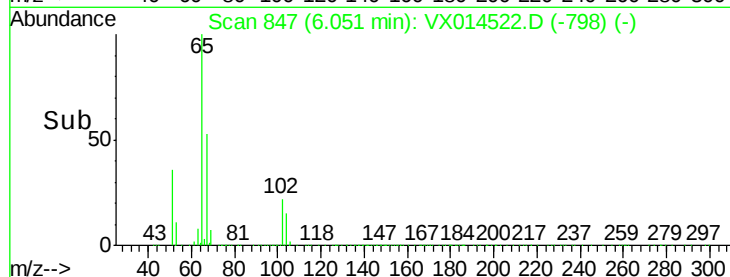
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

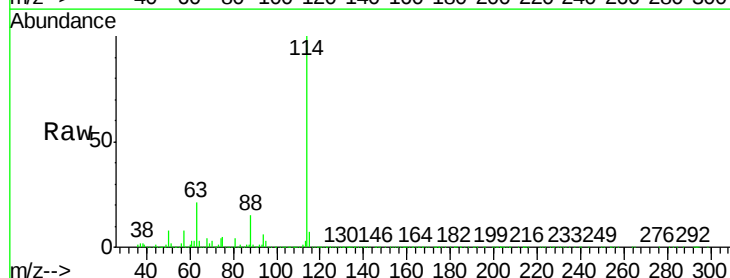
Tgt Ion: 114 Resp: 763261

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

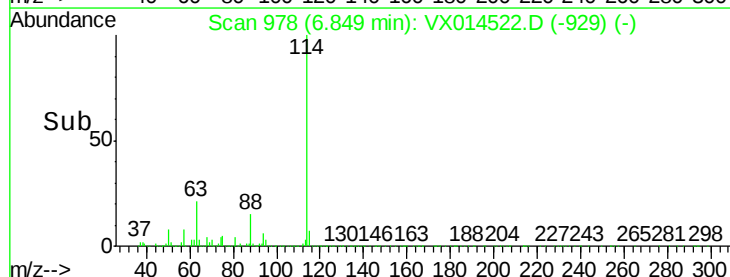
300000

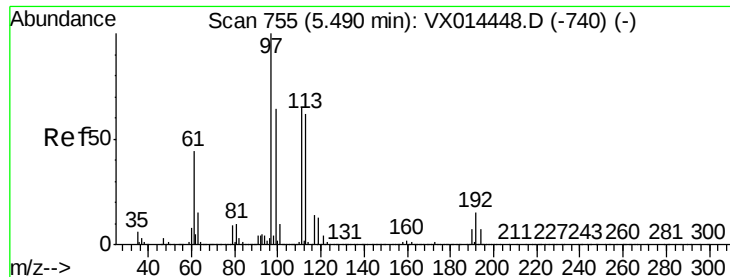
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 5.48 min Scan# 754

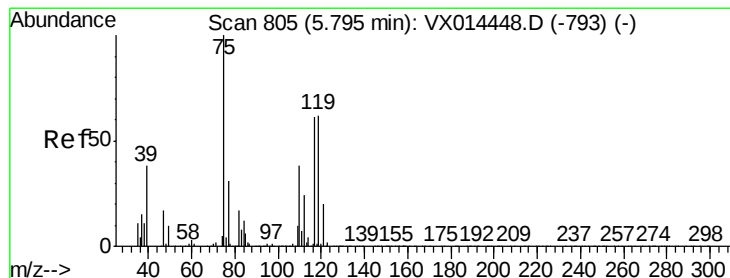
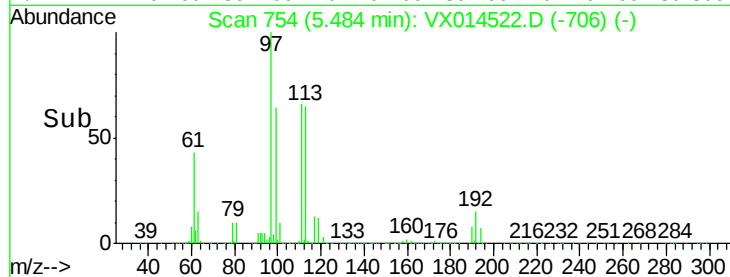
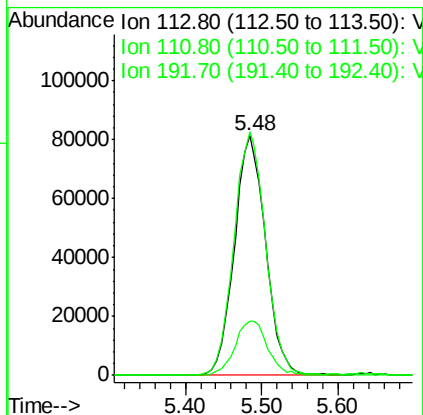
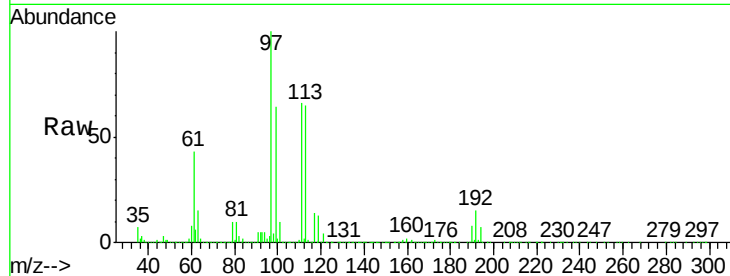
Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	113	Resp:	229176
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	23.8	19.2	28.8



#36

1,1-Dichloropropene

Concen: 48.570 ug/l

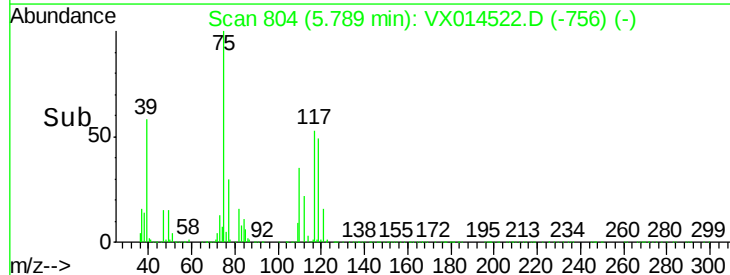
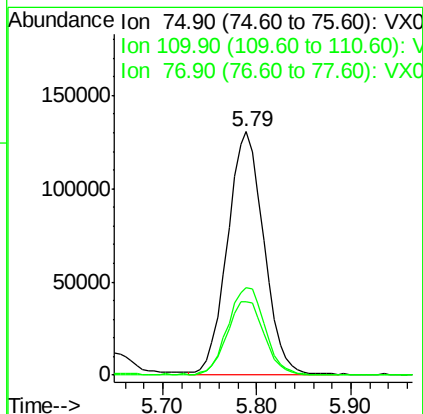
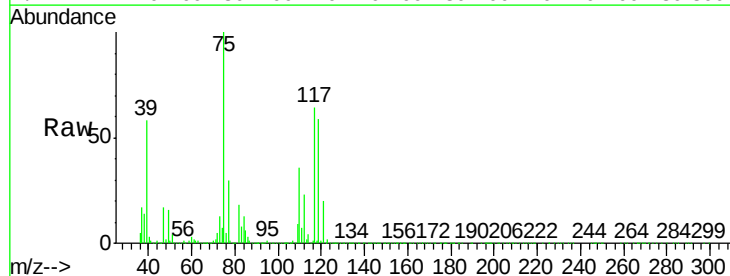
RT: 5.79 min Scan# 804

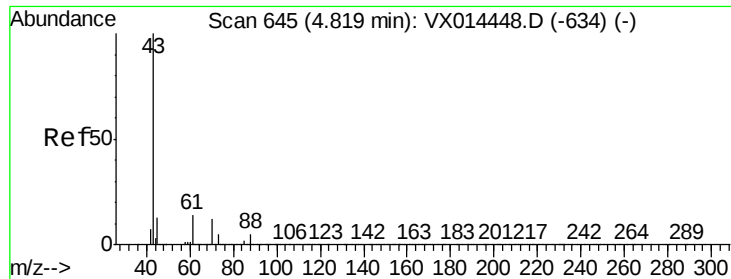
Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion:	75	Resp:	348621
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.6	55.8
77	31.1	24.5	36.7

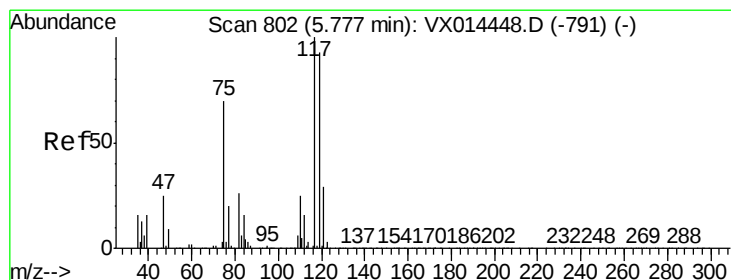
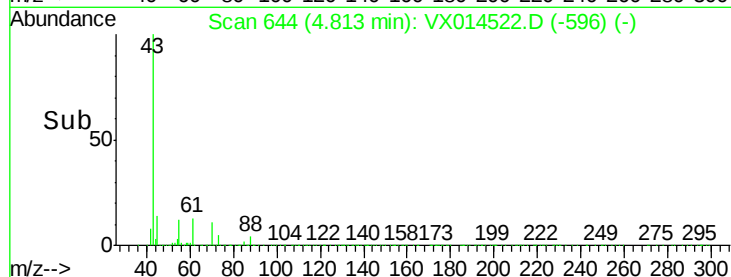
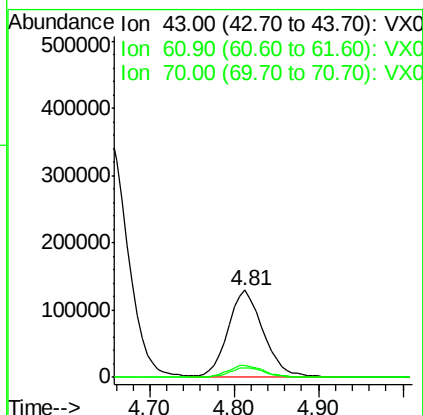
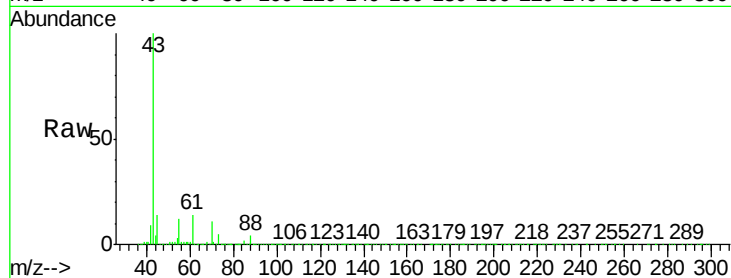




#37
Ethyl Acetate
Concen: 46.877 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

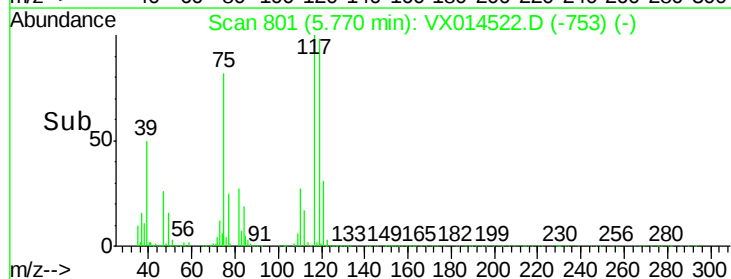
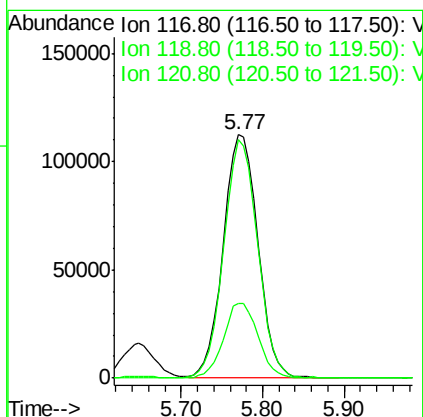
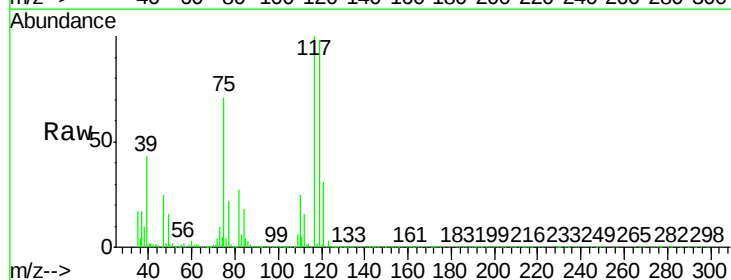
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

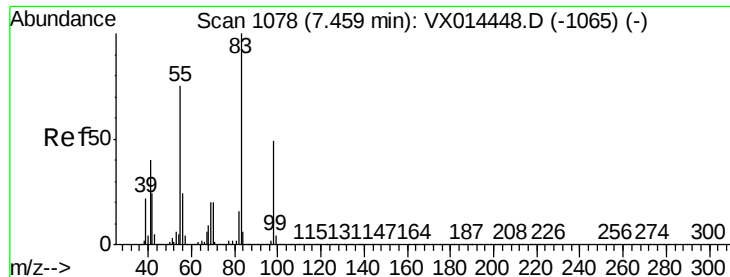
Tgt Ion: 43 Resp: 365481
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.008 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 117 Resp: 330313
Ion Ratio Lower Upper
117 100
119 97.9 73.8 110.8
121 30.5 23.4 35.0

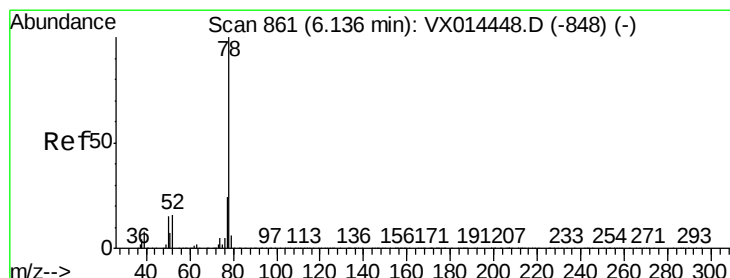
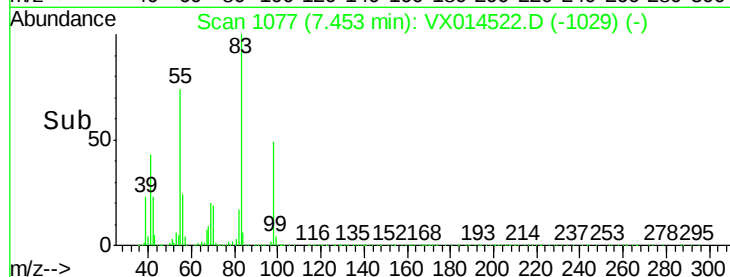
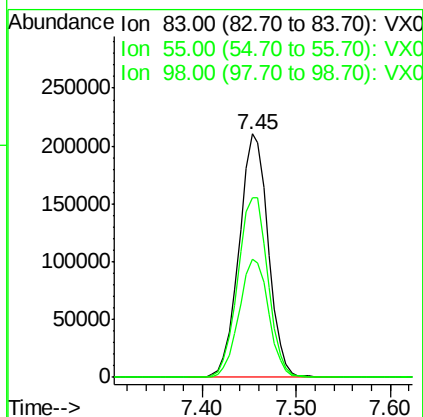
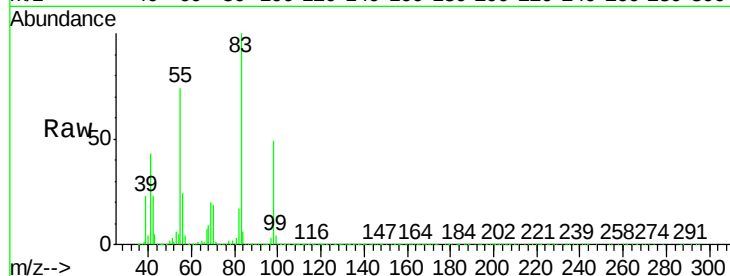




#39
Methylcyclohexane
Concen: 50.322 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

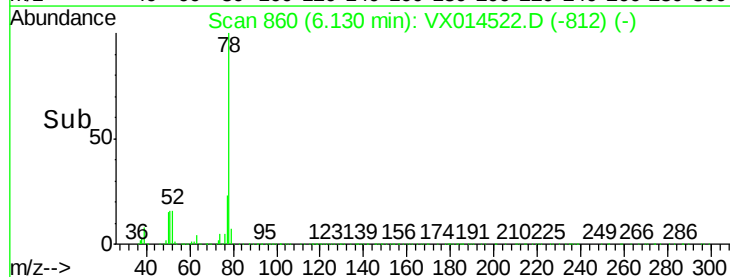
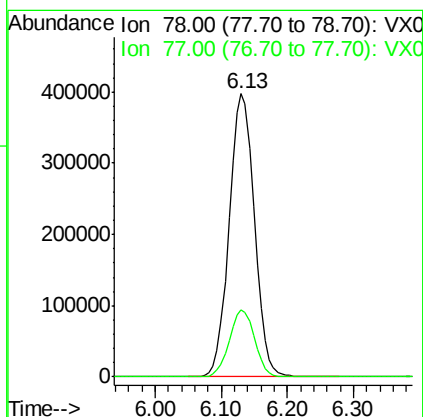
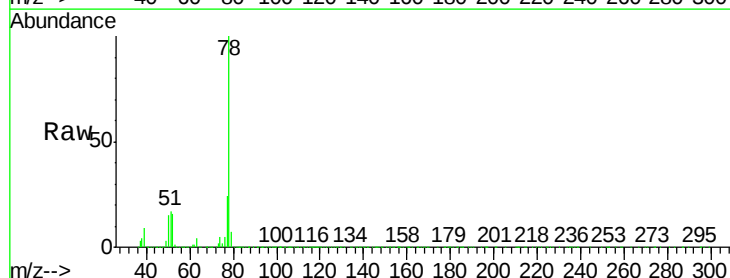
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

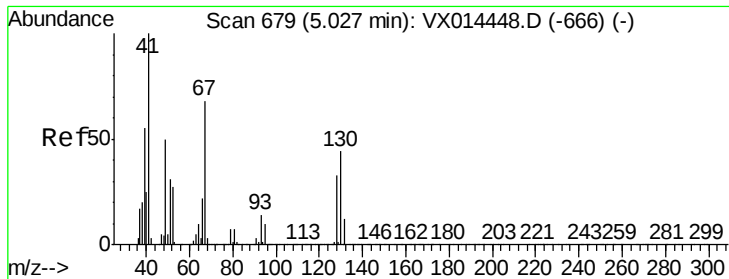
Tgt Ion: 83 Resp: 453792
Ion Ratio Lower Upper
83 100
55 73.6 59.7 89.5
98 48.6 39.1 58.7



#40
Benzene
Concen: 49.352 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 78 Resp: 1051371
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

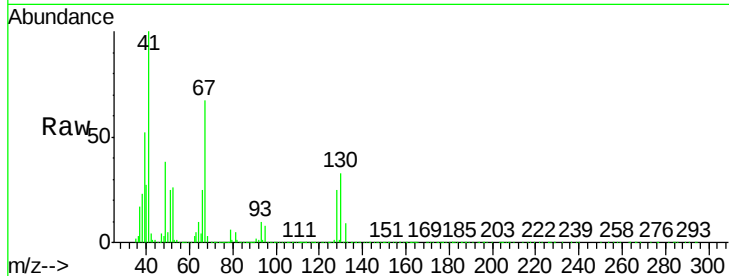




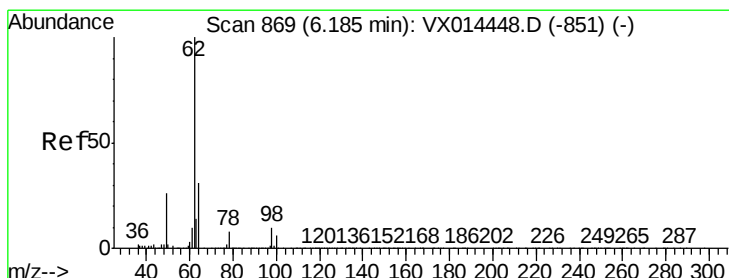
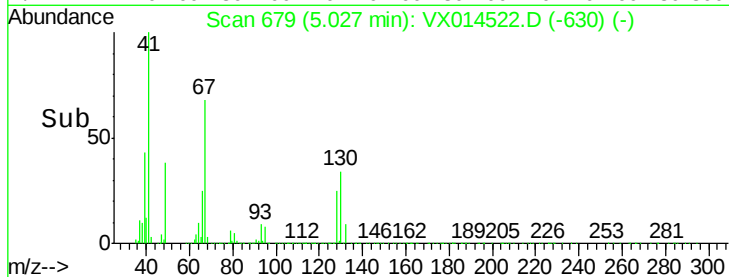
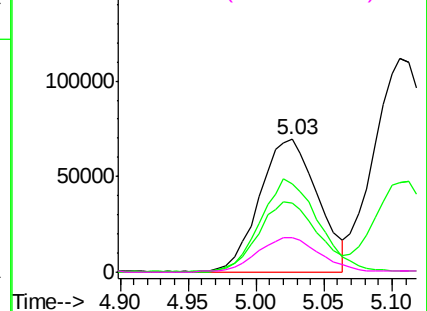
#41
Methacrylonitrile
Concen: 49.879 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	207382
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.6	65.4
67	69.8	57.9	86.9
52	27.4	23.0	34.6

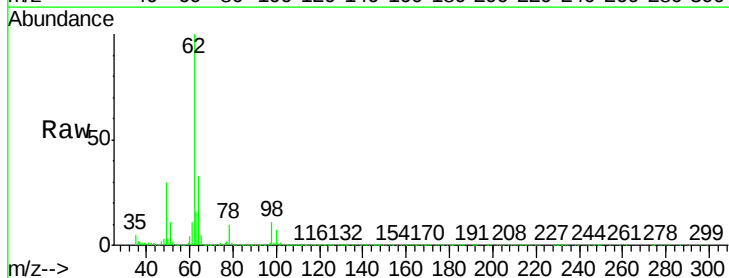


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

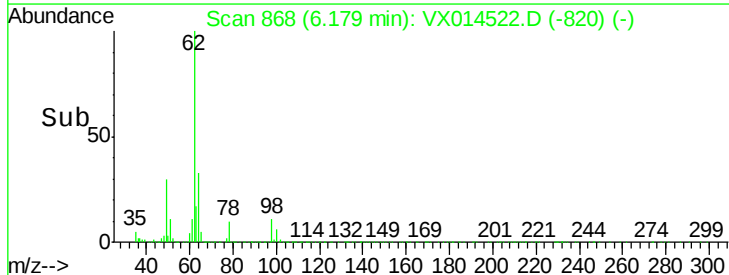
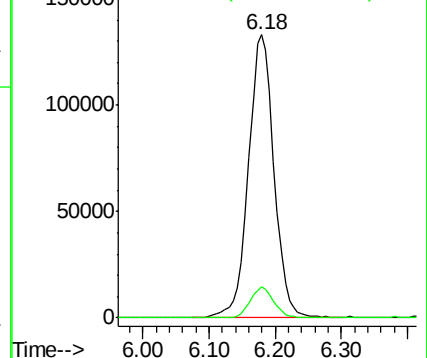


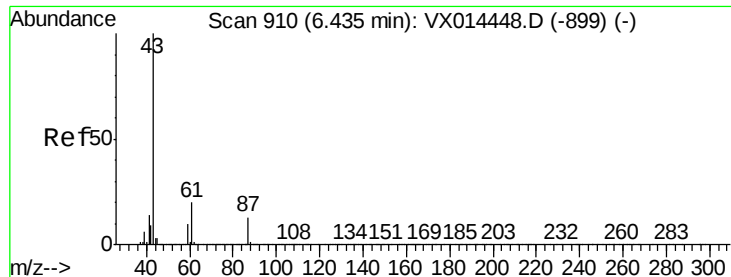
#42
1,2-Dichloroethane
Concen: 47.573 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion:	62	Resp:	354349
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.948 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

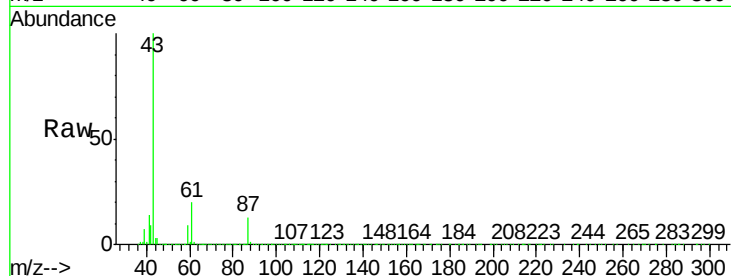
Tgt Ion: 43 Resp: 616481

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

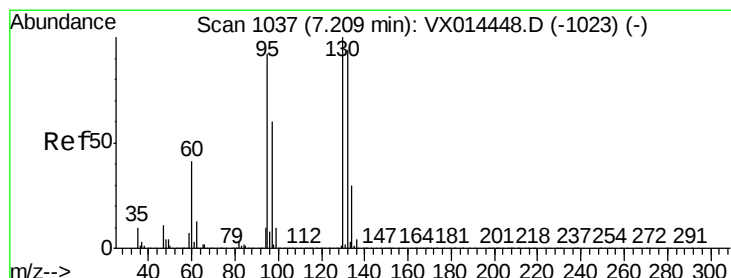
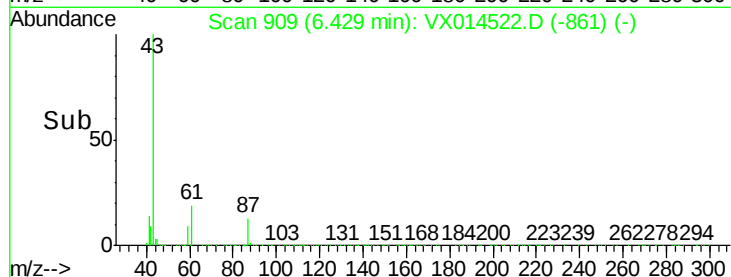
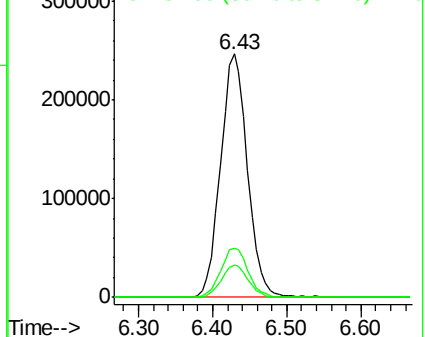
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.264 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014522.D

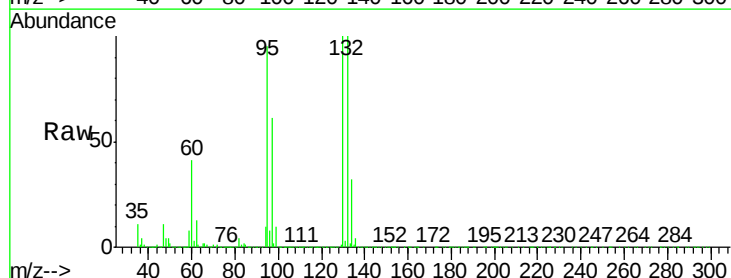
Acq: 10 Jan 2020 08:48

Tgt Ion: 130 Resp: 295480

Ion Ratio Lower Upper

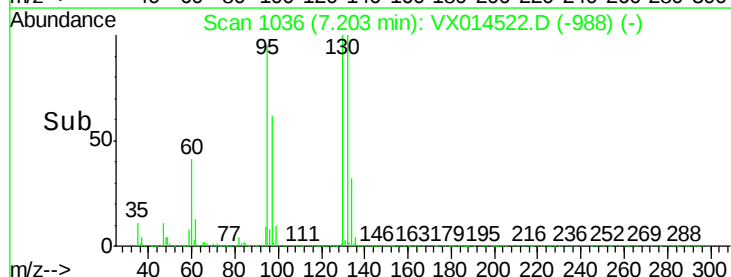
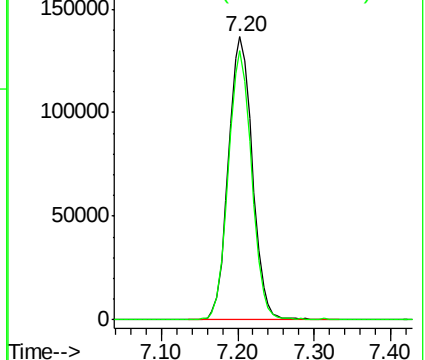
130 100

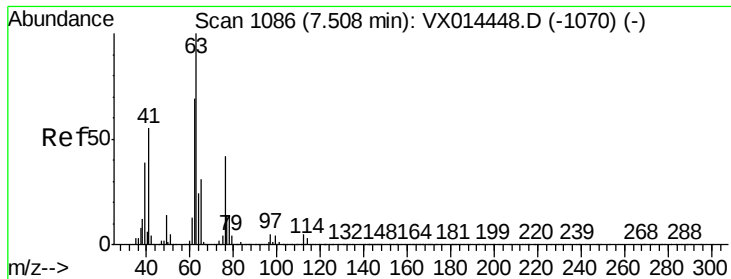
95 95.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

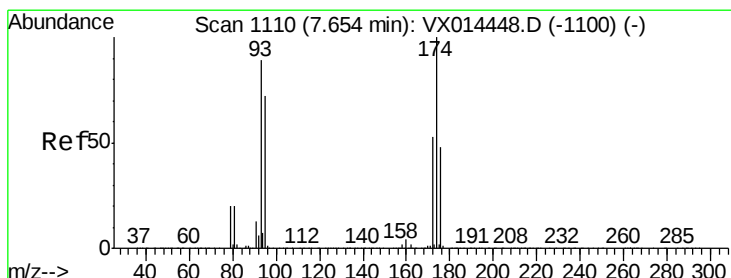
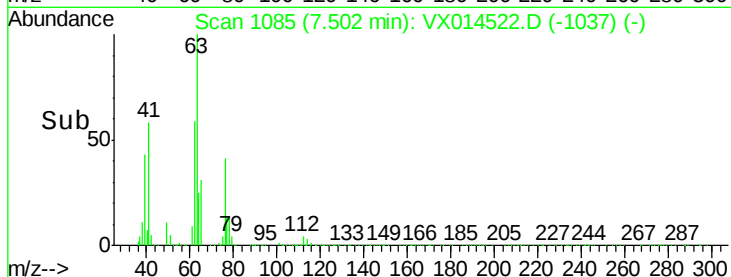
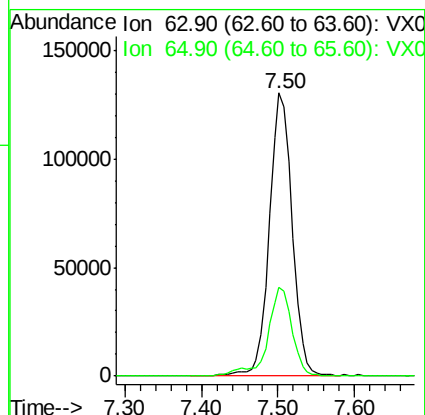
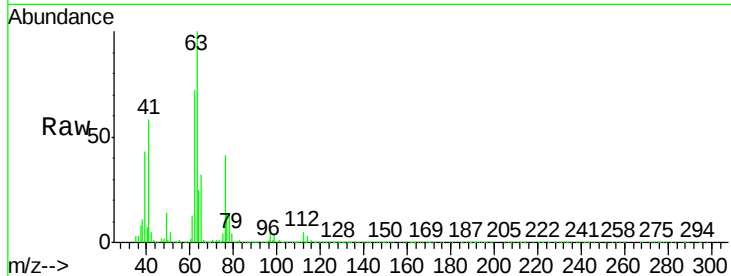




#45
 1,2-Dichloropropane
 Concen: 50.142 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

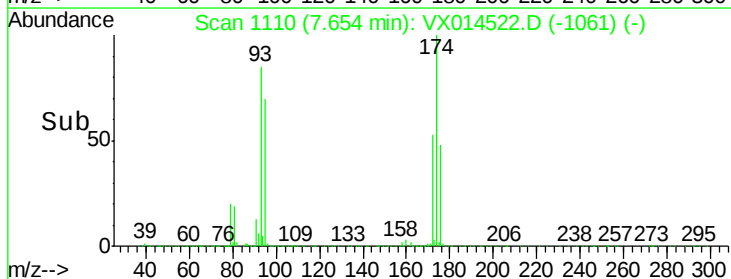
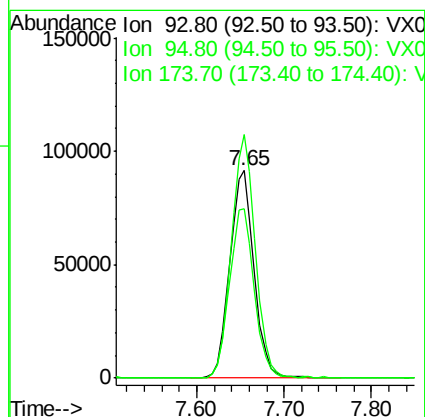
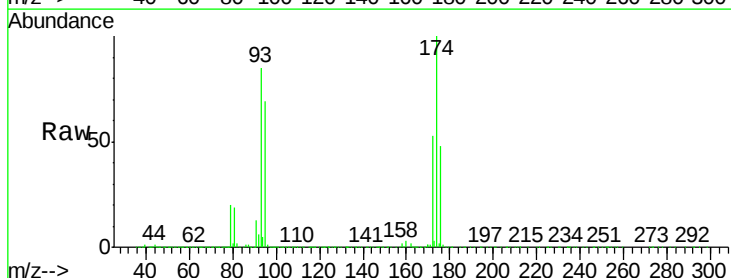
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

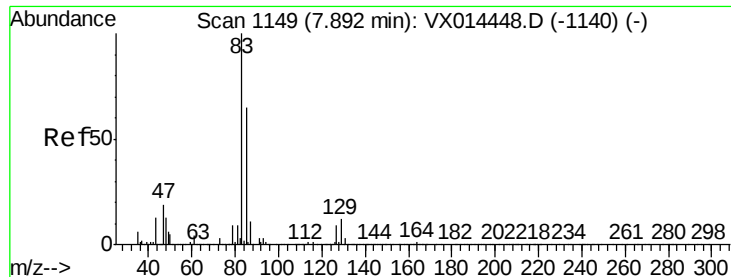
Tgt Ion: 63 Resp: 272335
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 46.468 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion: 93 Resp: 176152
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.4 98.2
 174 115.8 93.0 139.4





#47

Bromodichloromethane

Concen: 51.322 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

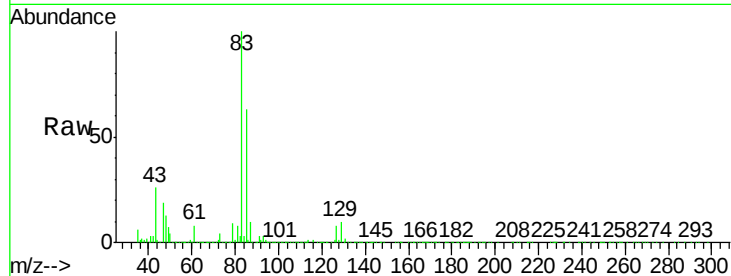
Tgt Ion: 83 Resp: 354011

Ion Ratio Lower Upper

83 100

85 63.0 51.7 77.5

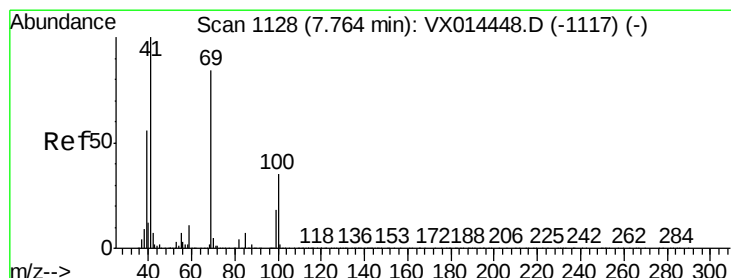
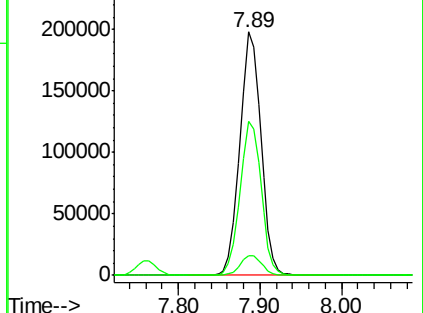
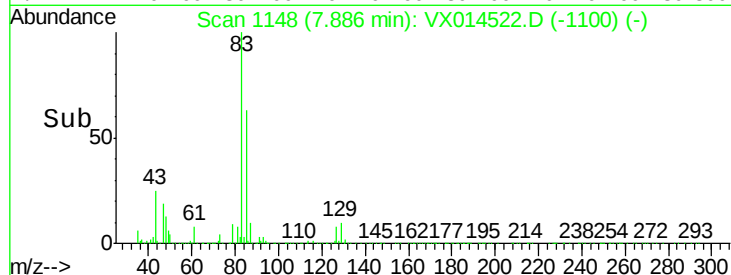
127 8.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.006 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

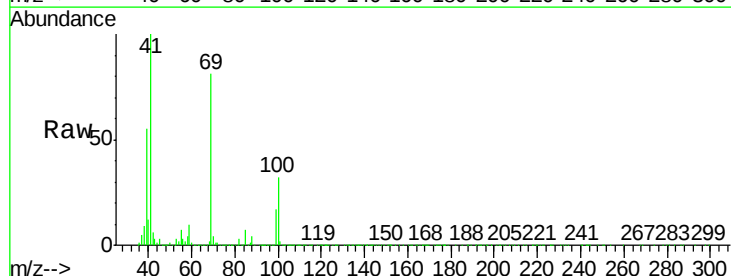
Tgt Ion: 41 Resp: 301647

Ion Ratio Lower Upper

41 100

69 82.1 65.5 98.3

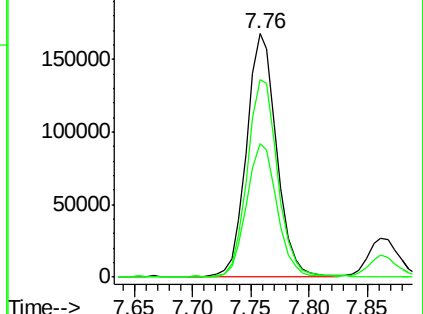
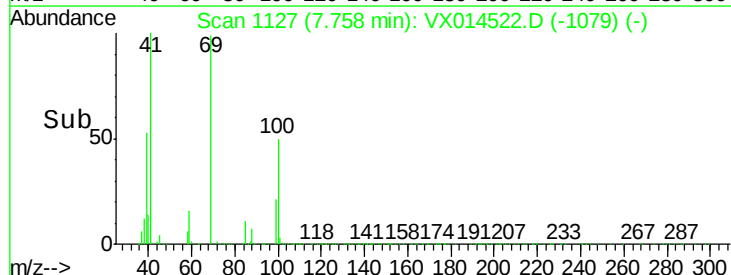
39 55.6 43.9 65.9

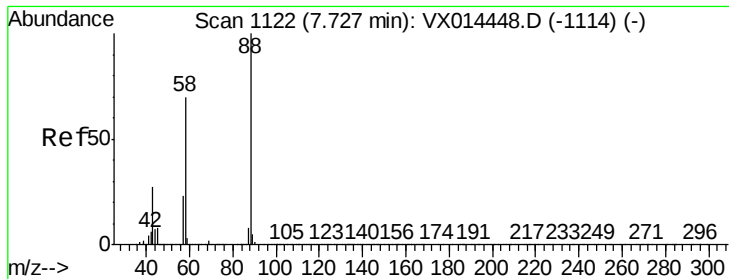


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 987.954 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

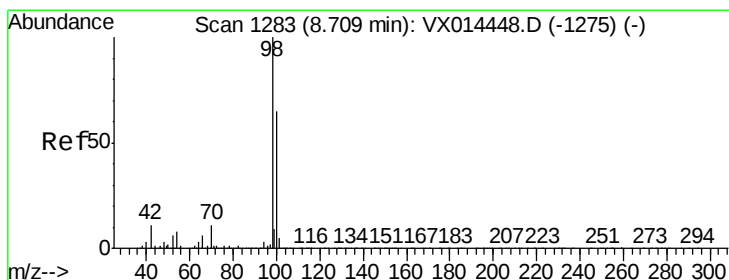
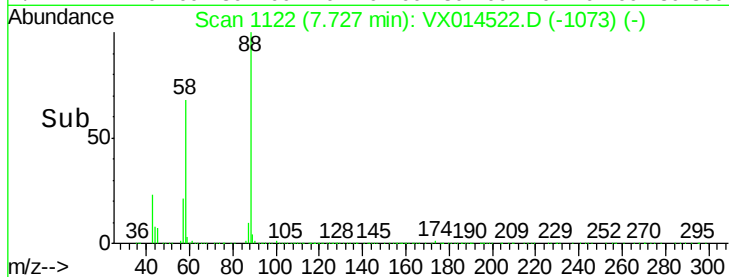
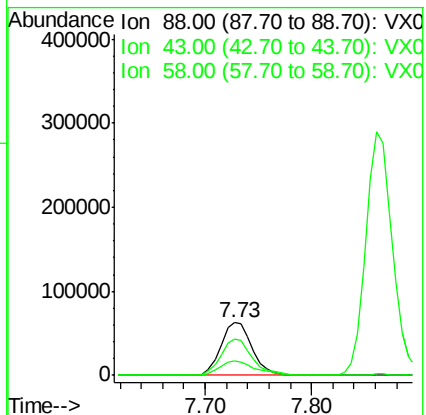
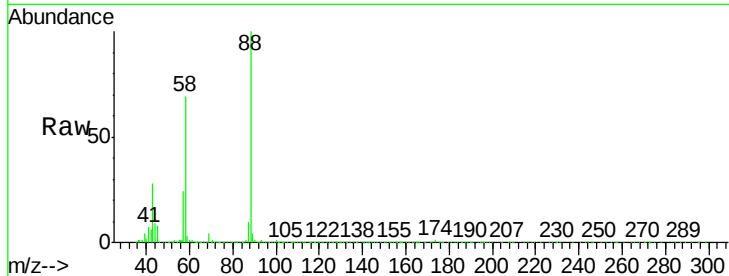
Tgt Ion: 88 Resp: 126277

Ion Ratio Lower Upper

88 100

43 32.3 27.4 41.0

58 69.8 57.1 85.7



#50

Toluene-d8

Concen: 49.485 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014522.D

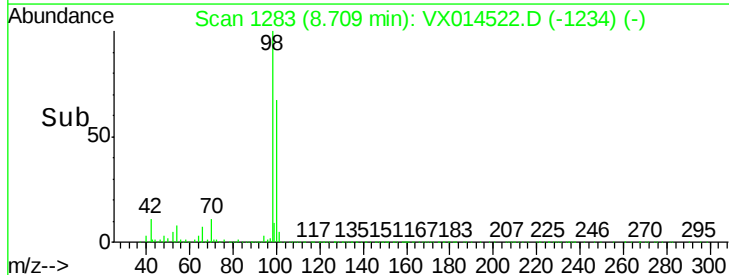
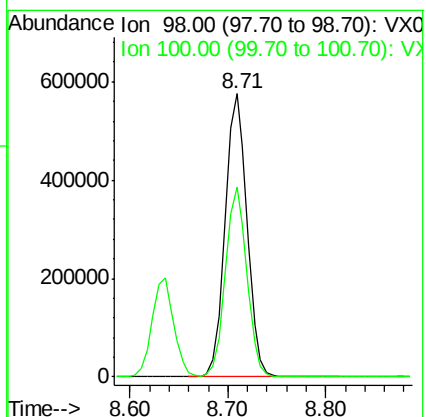
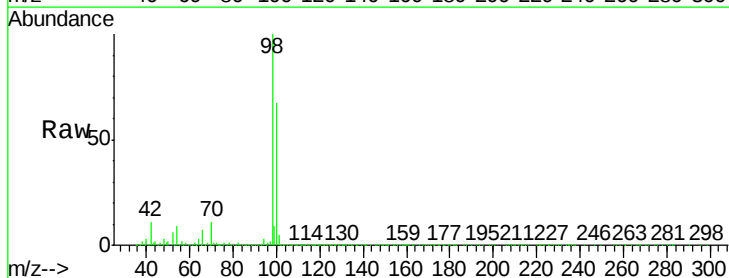
Acq: 10 Jan 2020 08:48

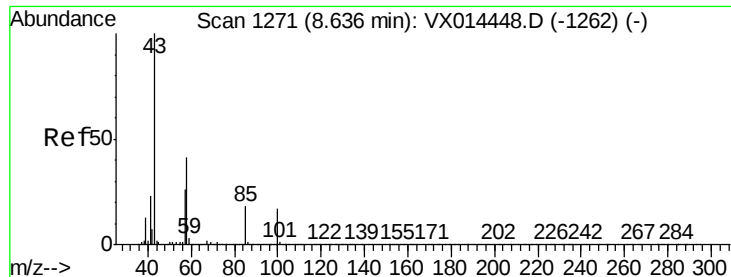
Tgt Ion: 98 Resp: 887266

Ion Ratio Lower Upper

98 100

100 66.1 53.2 79.8

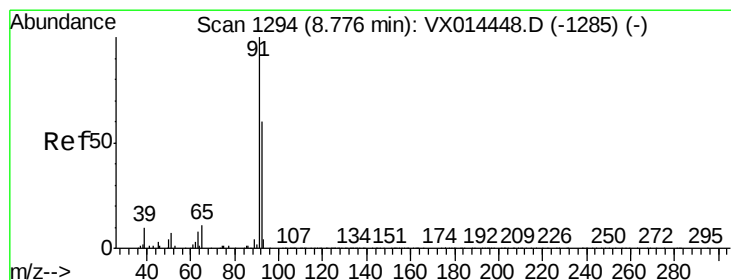
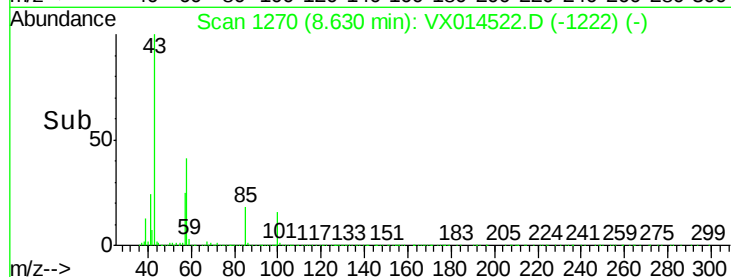
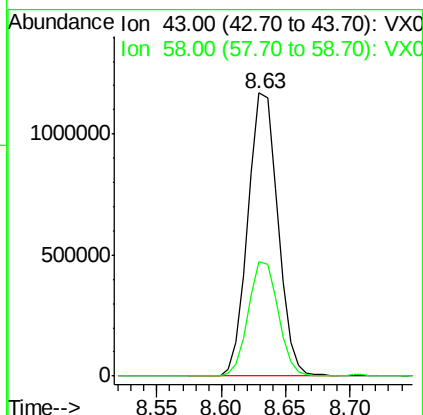
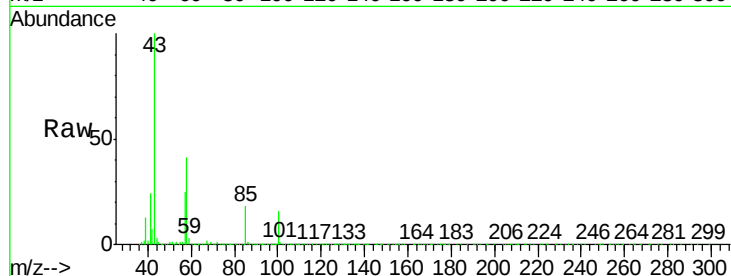




#51
4-Methyl-2-Pentanone
Concen: 244.883 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

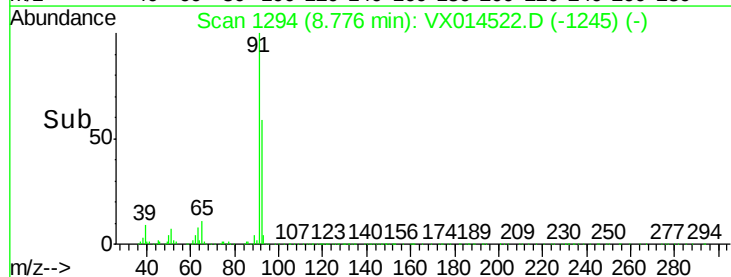
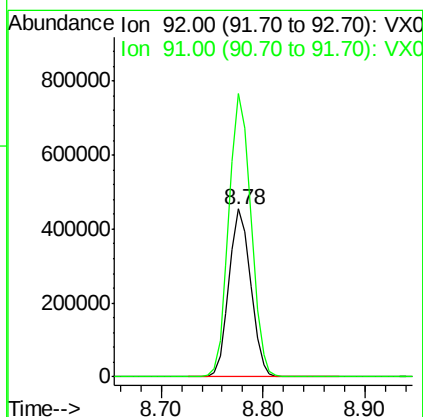
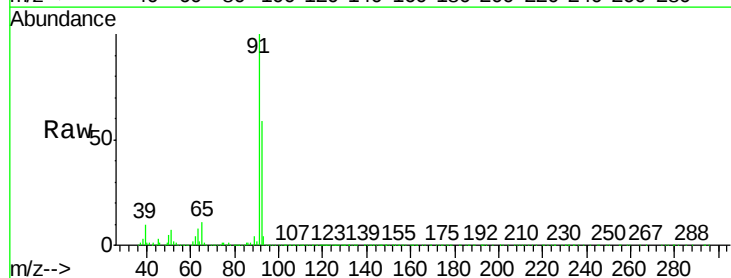
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1879453
Ion Ratio Lower Upper
43 100
58 40.2 32.4 48.6



#52
Toluene
Concen: 49.296 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 92 Resp: 672260
Ion Ratio Lower Upper
92 100
91 171.1 135.7 203.5

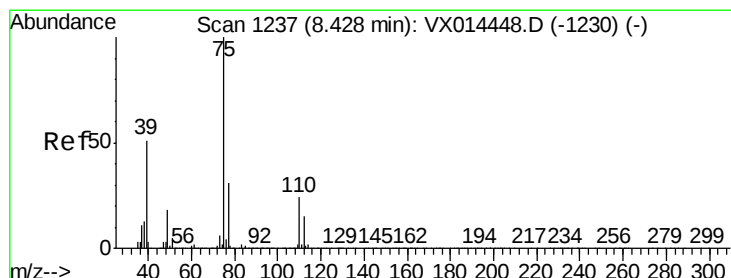
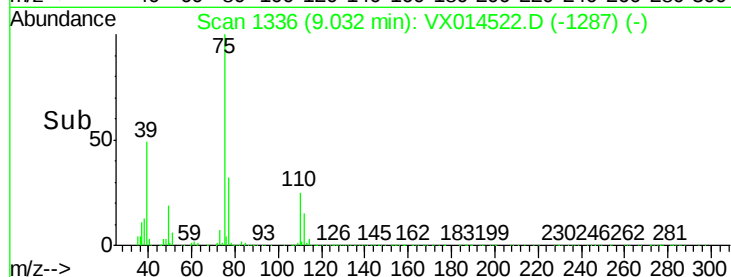
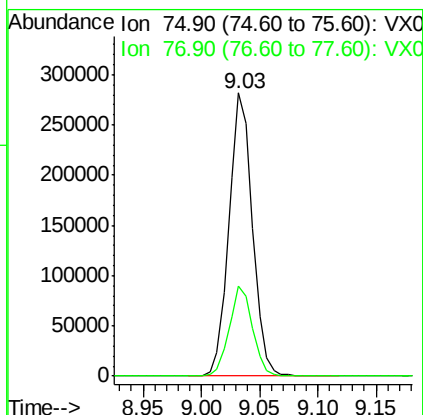
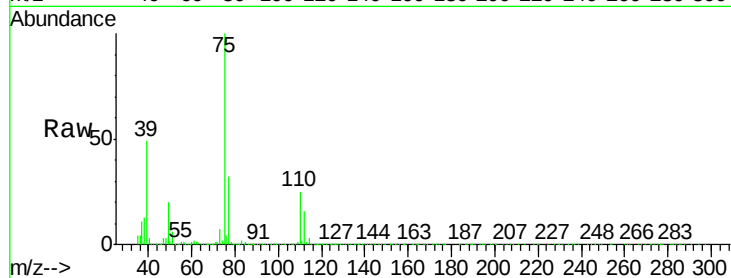




#53
t-1,3-Dichloropropene
Concen: 49.149 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

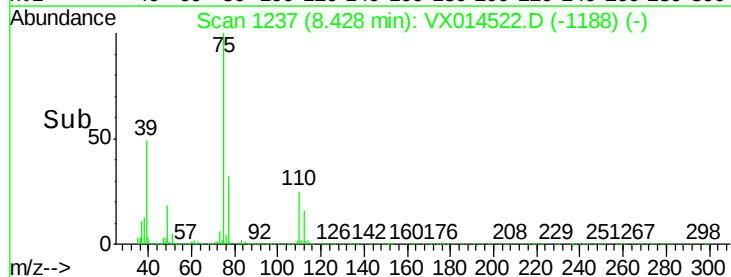
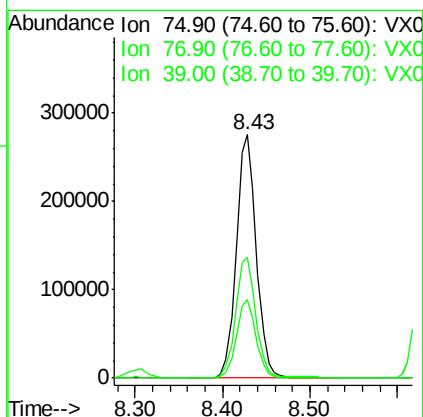
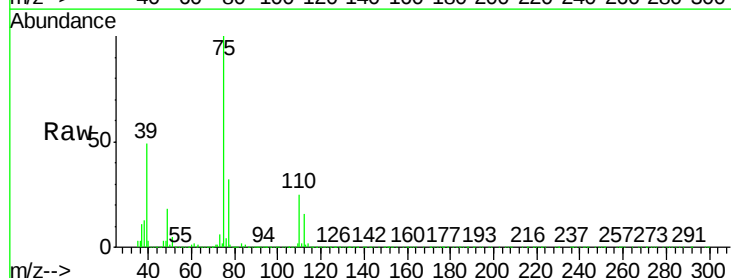
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

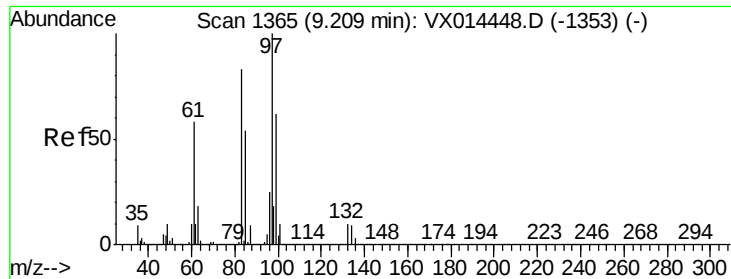
Tgt Ion: 75 Resp: 394698
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.534 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 75 Resp: 438380
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4
39 49.4 40.7 61.1

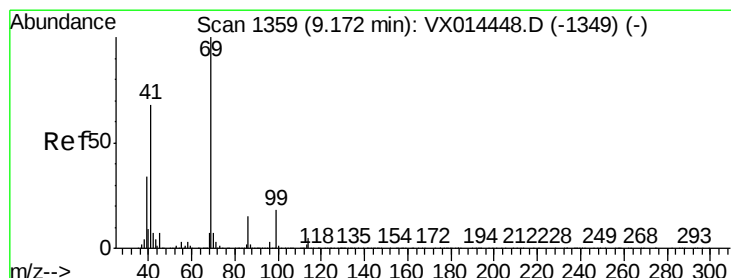
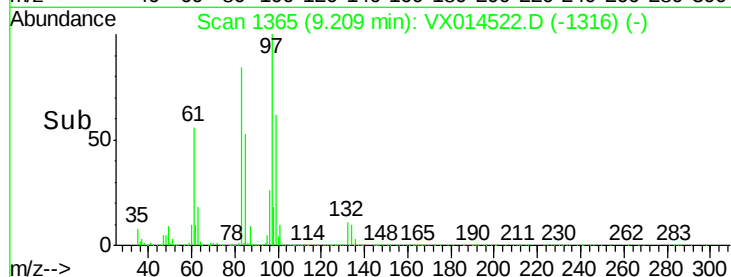
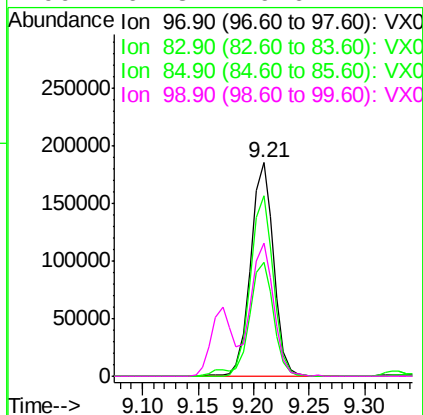
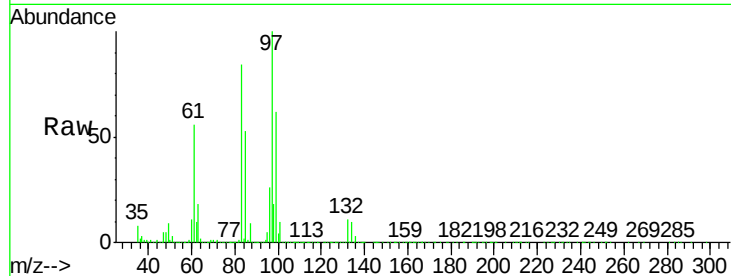




#55
 1,1,2-Trichloroethane
 Concen: 48.594 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

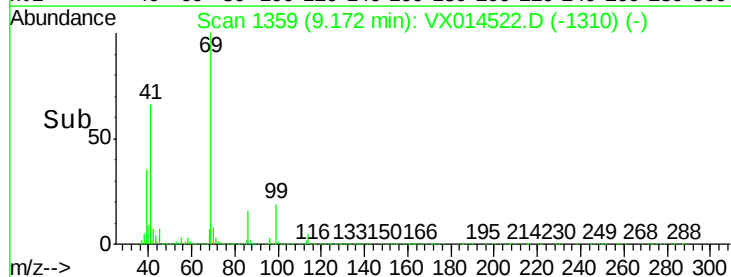
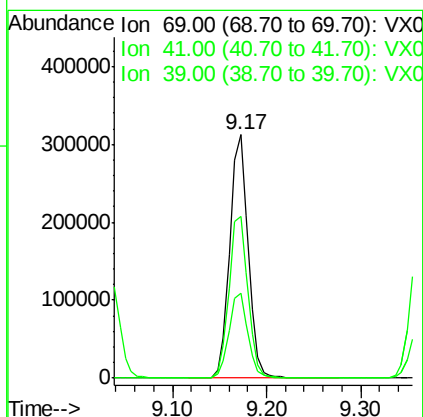
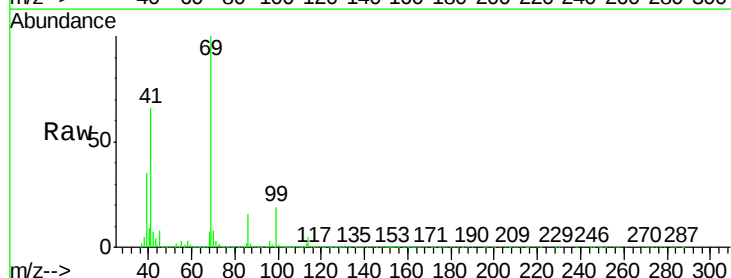
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

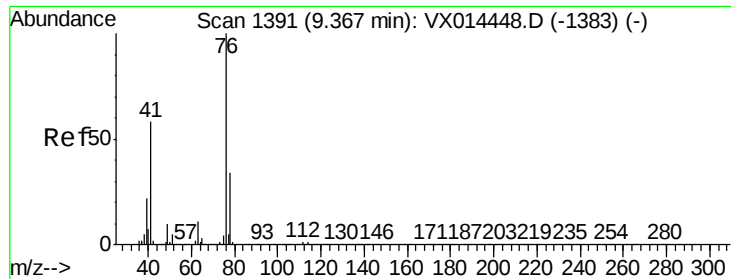
Tgt Ion:	97	Resp:	266178
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	53.4	43.4	65.2
99	62.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 50.404 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion:	69	Resp:	422981
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.2	81.2
39	35.4	28.2	42.2





#57

1,3-Dichloropropane

Concen: 48.973 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

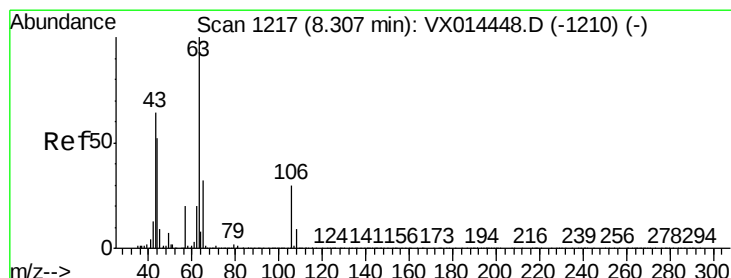
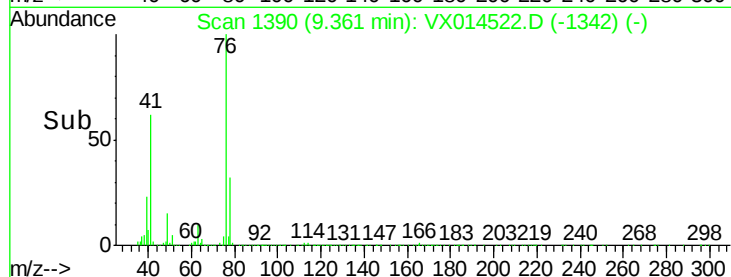
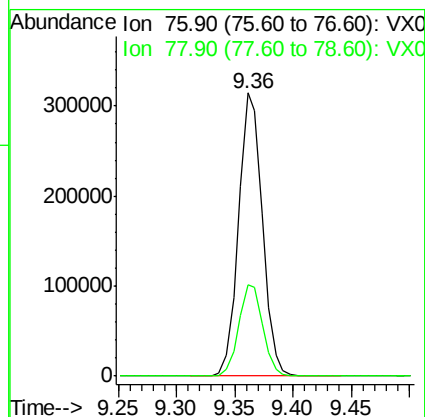
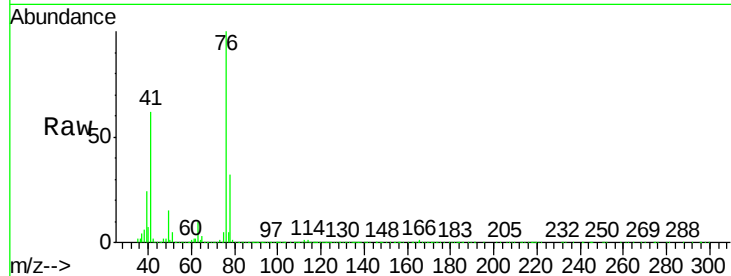
VSTDCCC050

Tgt Ion: 76 Resp: 448523

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 269.447 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014522.D

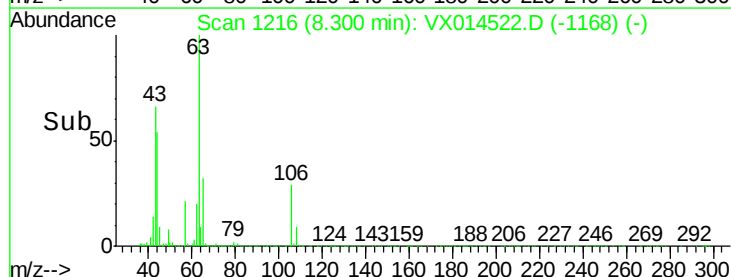
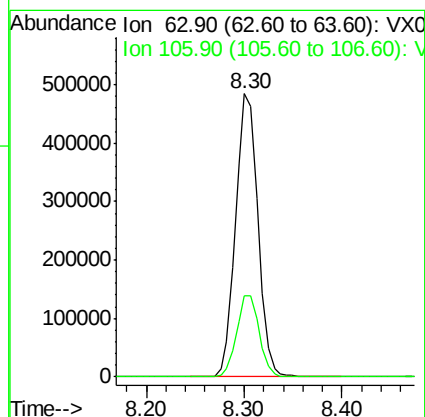
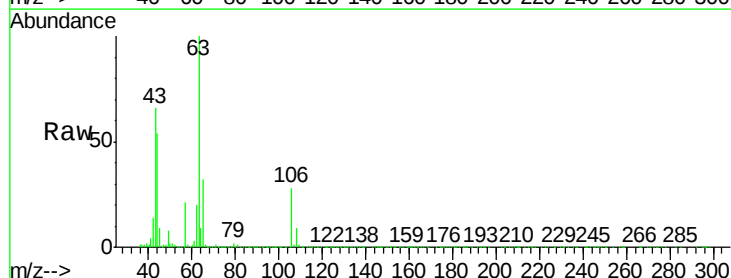
Acq: 10 Jan 2020 08:48

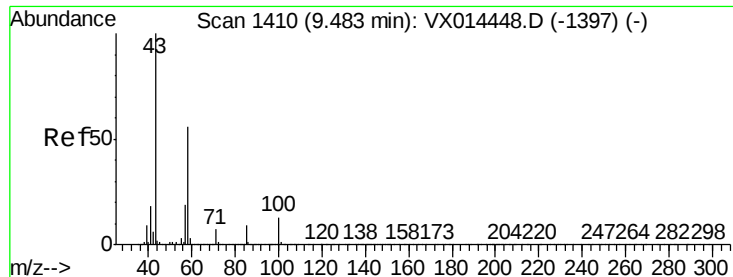
Tgt Ion: 63 Resp: 769327

Ion Ratio Lower Upper

63 100

106 28.9 23.6 35.4

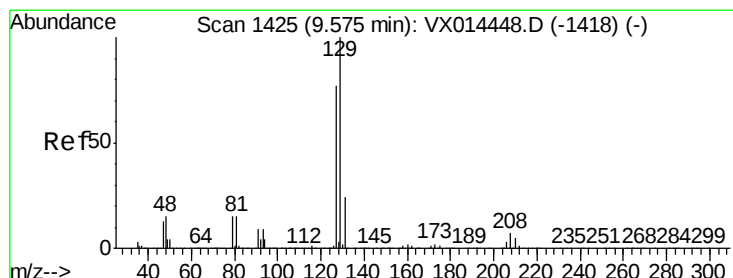
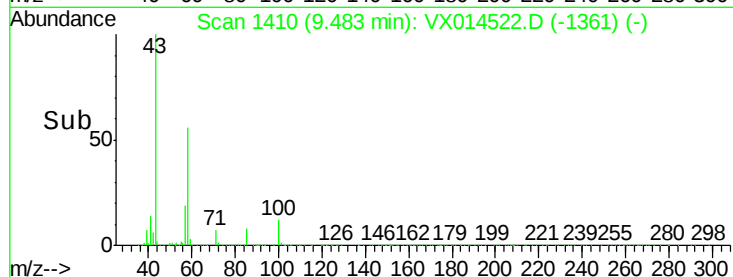
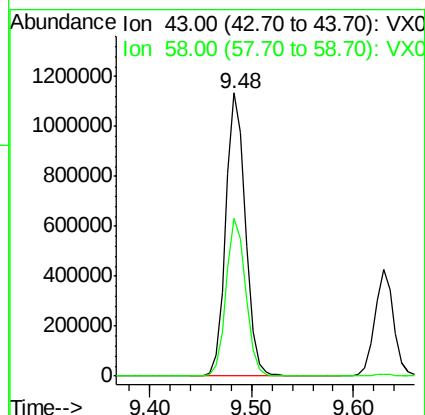
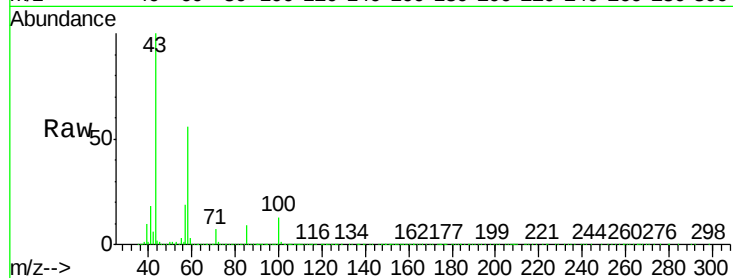




#59
2-Hexanone
Concen: 249.529 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

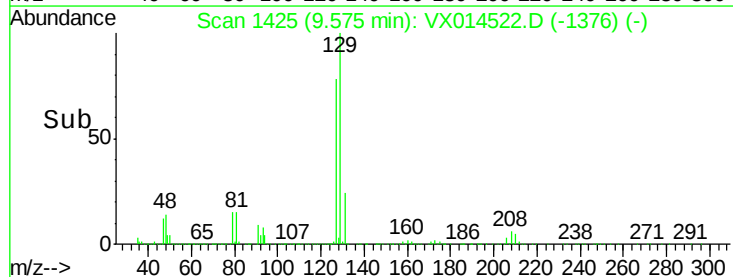
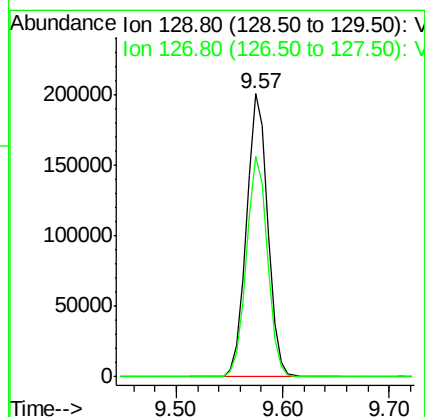
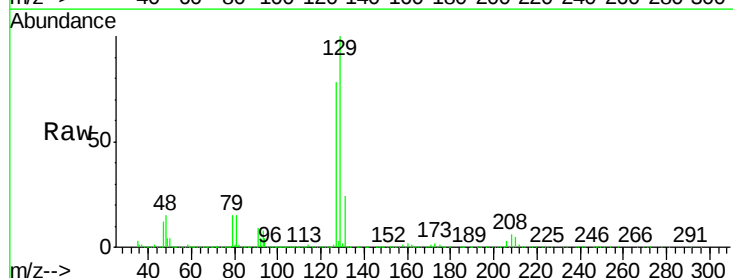
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

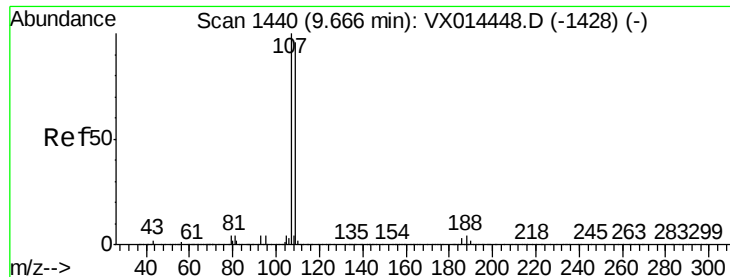
Tgt Ion: 43 Resp: 1515318
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.7



#60
Dibromochloromethane
Concen: 51.227 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 129 Resp: 282037
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.431 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

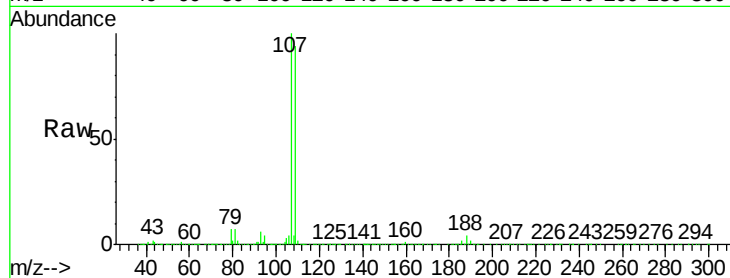
VSTDCCC050

Tgt Ion: 107 Resp: 275209

Ion Ratio Lower Upper

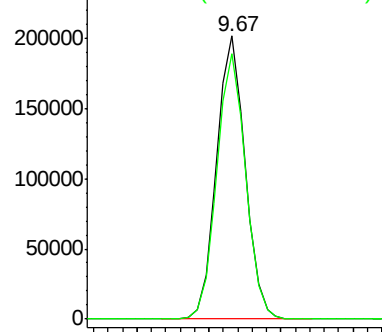
107 100

109 95.0 76.5 114.7

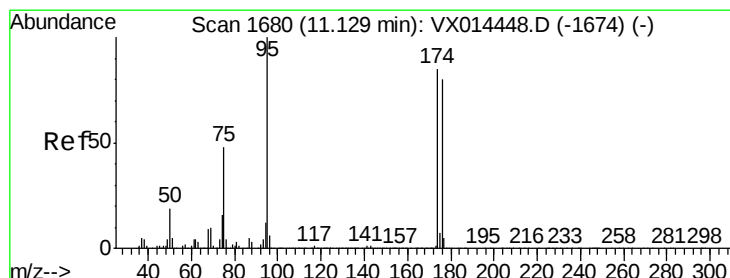
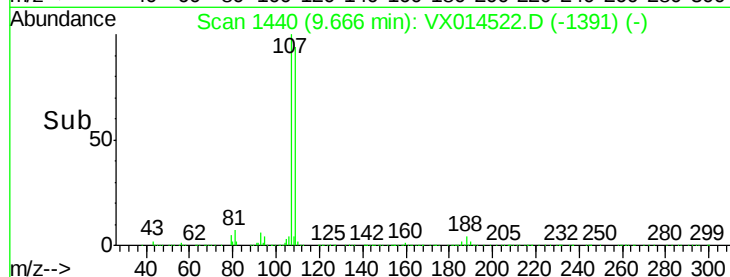


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.393 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

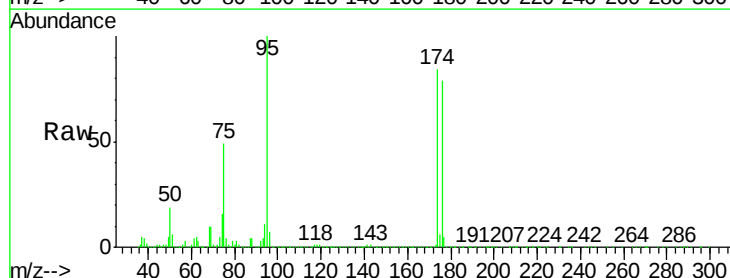
Tgt Ion: 95 Resp: 318541

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.8

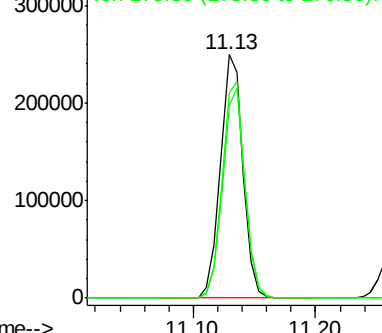
176 86.1 0.0 172.8



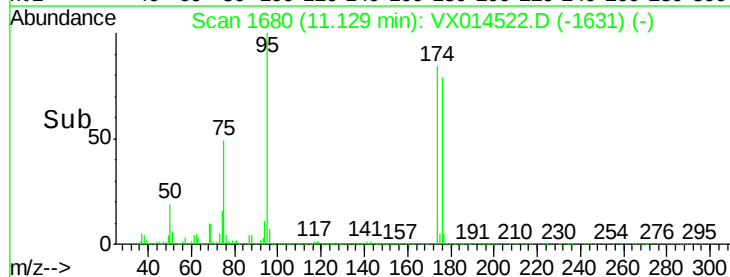
Abundance Ion 94.90 (94.60 to 95.60): VX0

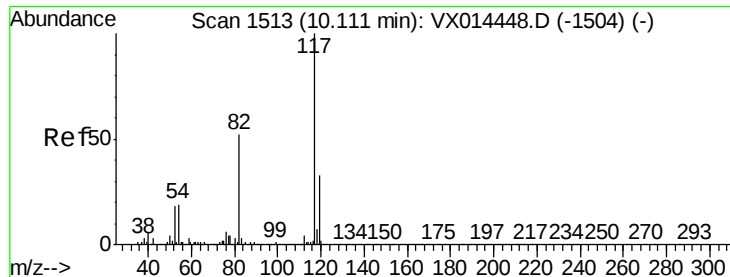
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

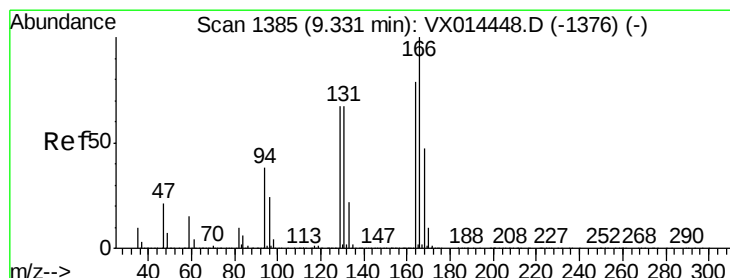
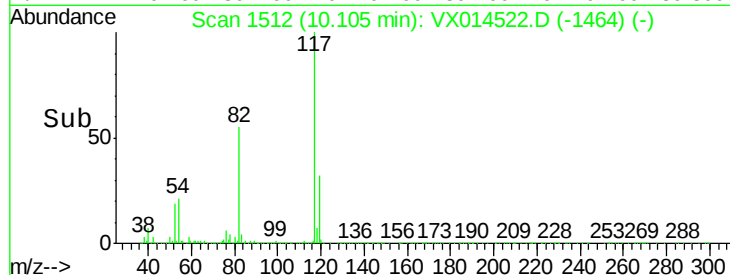
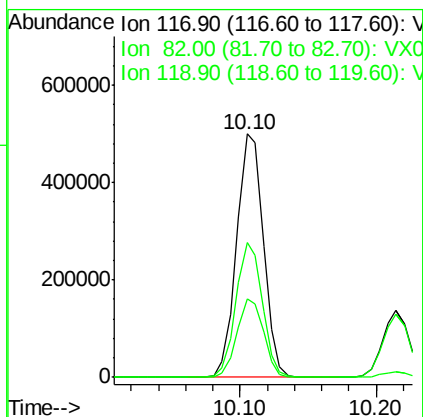
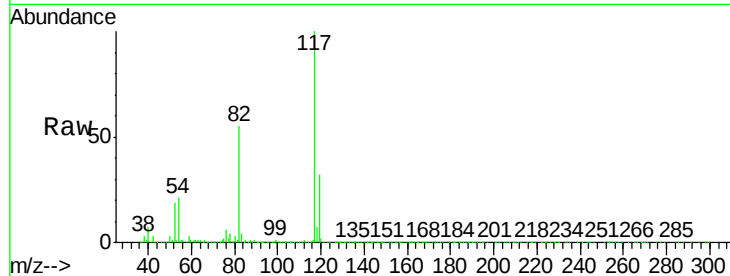




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

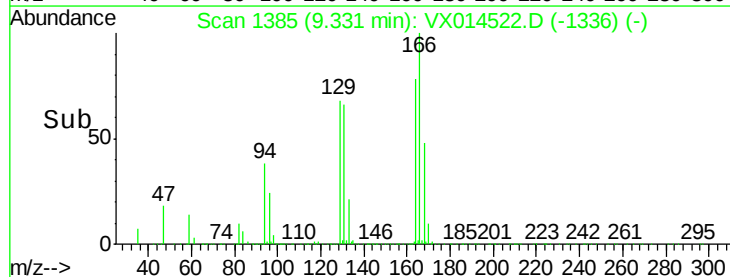
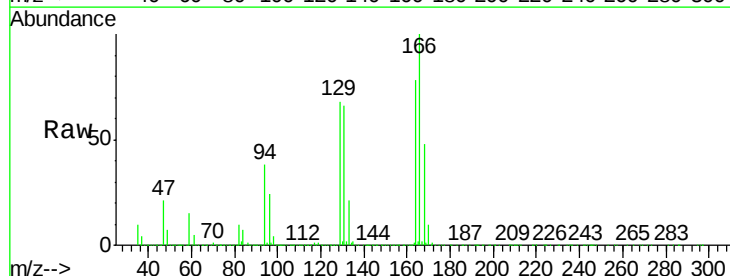
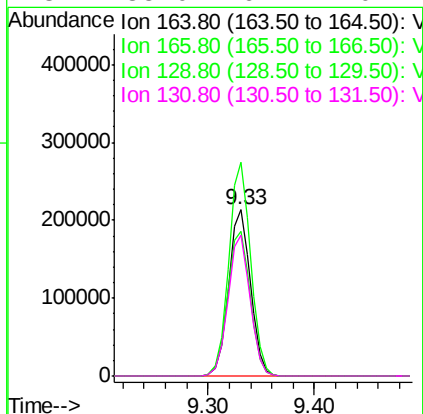
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

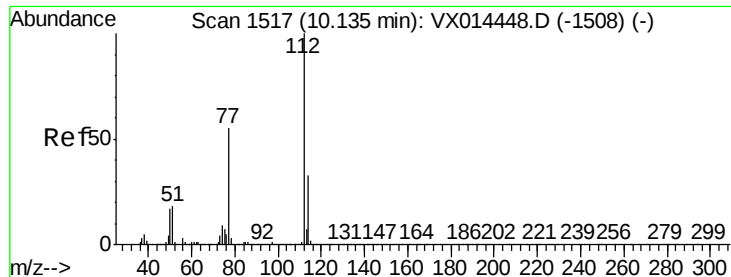
Tgt Ion:117 Resp: 685750
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.6
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 44.808 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion:164 Resp: 307954
Ion Ratio Lower Upper
164 100
166 128.6 101.2 151.8
129 87.2 68.3 102.5
131 85.0 67.4 101.2

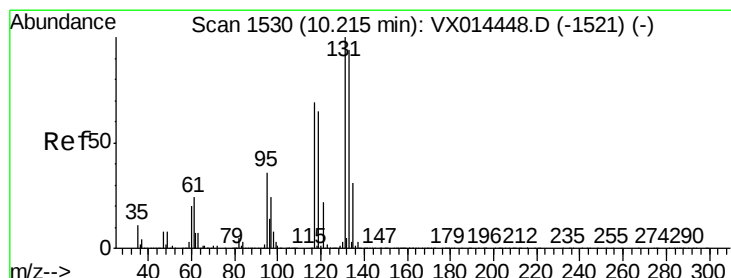
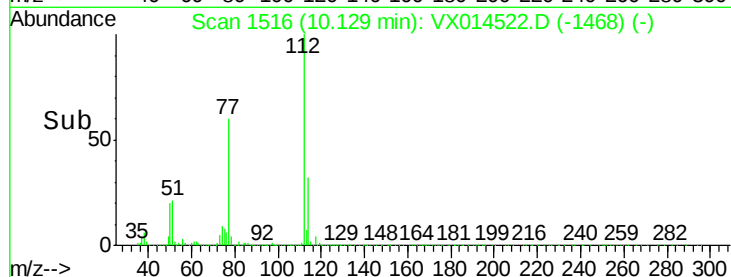
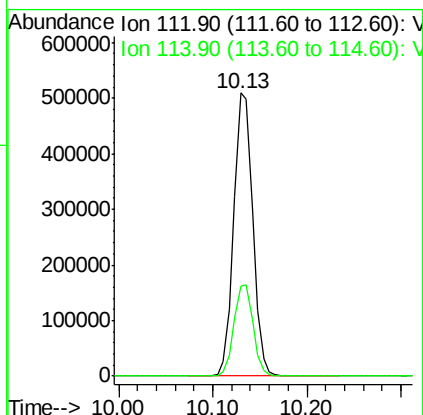
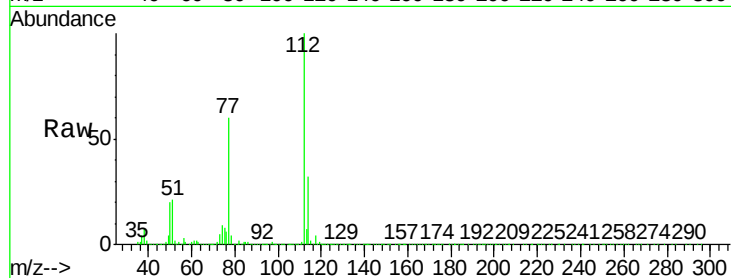




#65
Chlorobenzene
Concen: 47.915 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

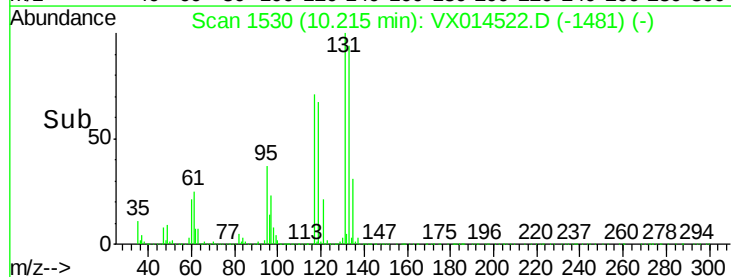
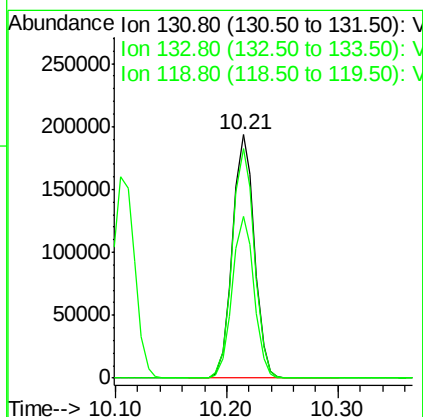
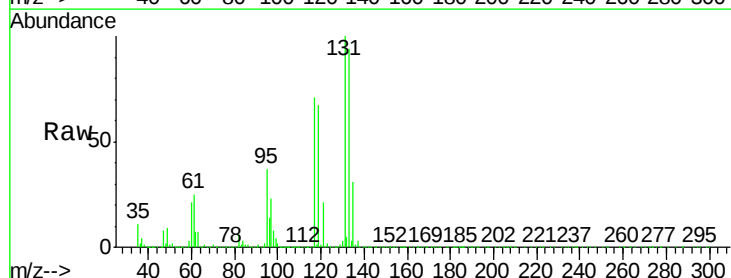
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 713055
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.463 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion:131 Resp: 262693
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.5 32.8 98.4

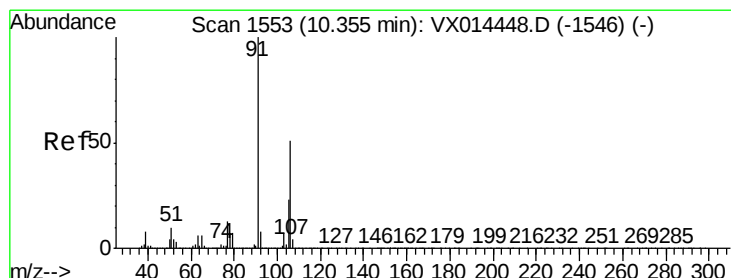
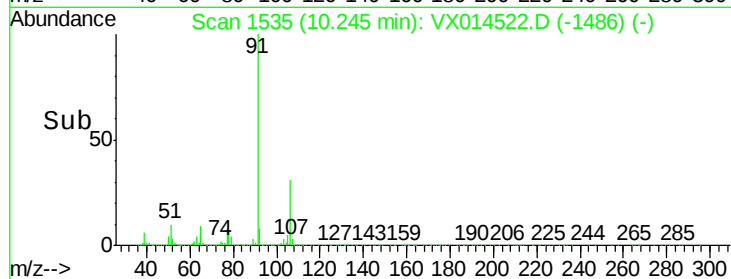
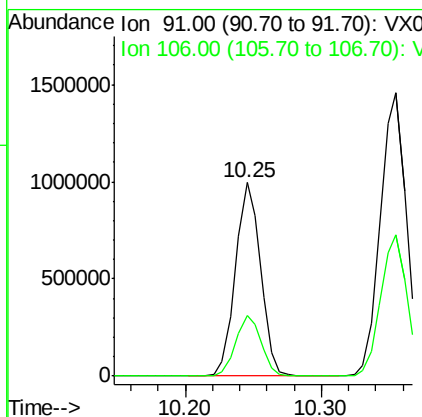




#67
Ethyl Benzene
Concen: 50.391 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

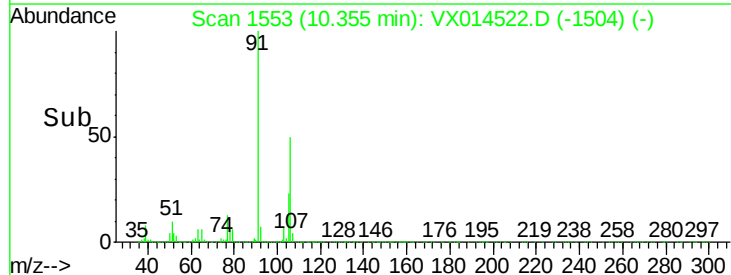
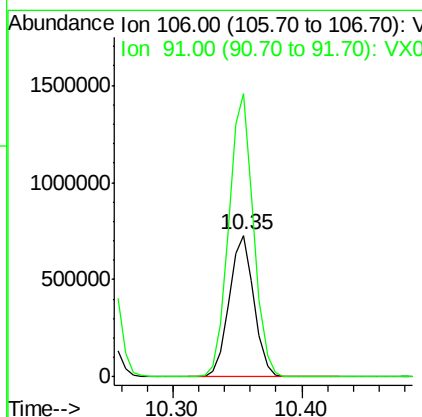
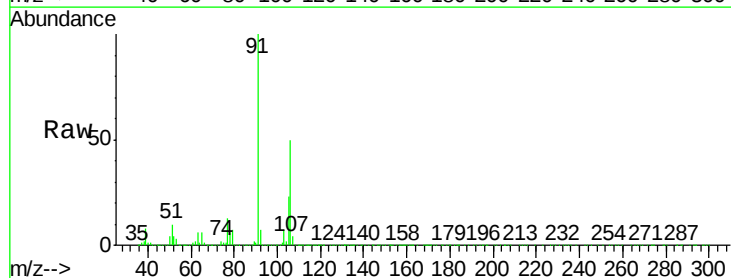
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

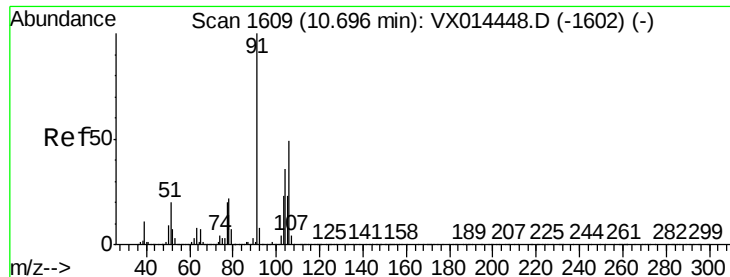
Tgt Ion: 91 Resp: 1278183
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 99.875 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 106 Resp: 977361
Ion Ratio Lower Upper
106 100
91 199.4 157.4 236.0

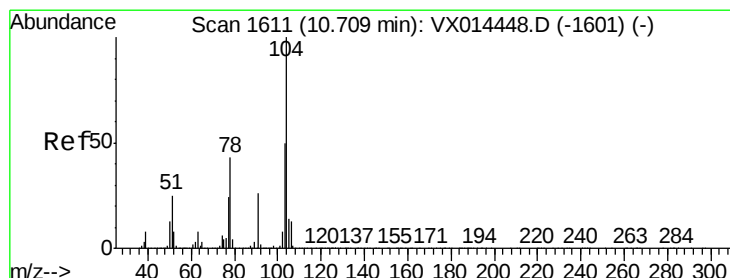
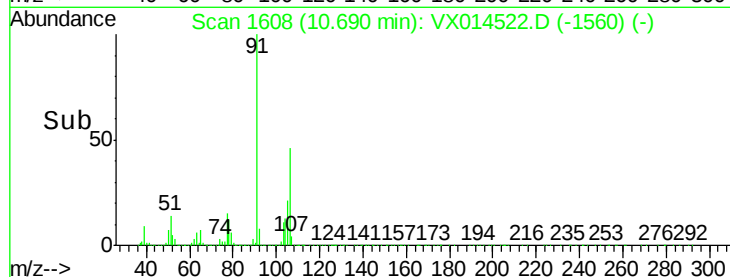
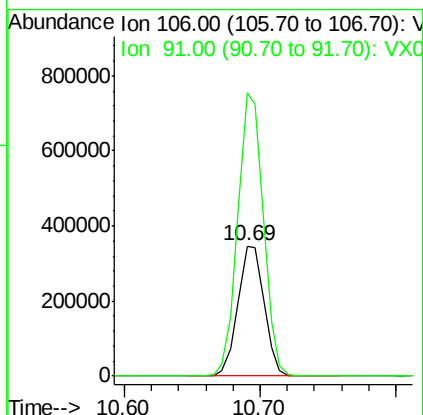
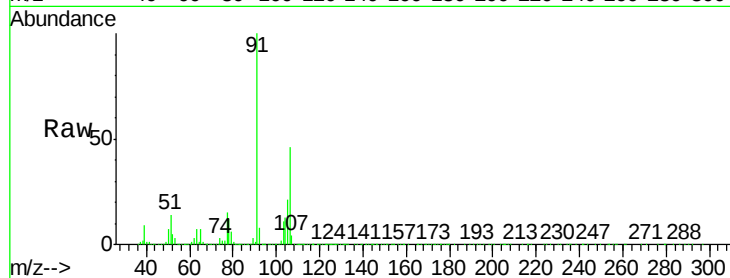




#69
o-Xylene
Concen: 50.061 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

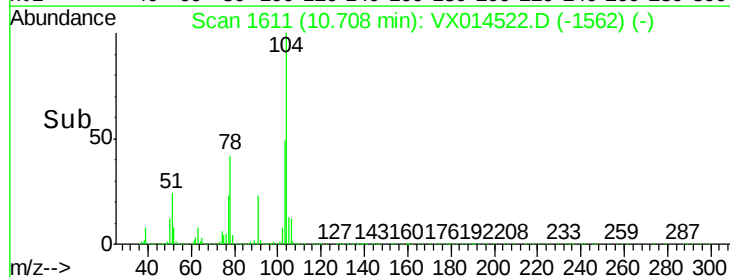
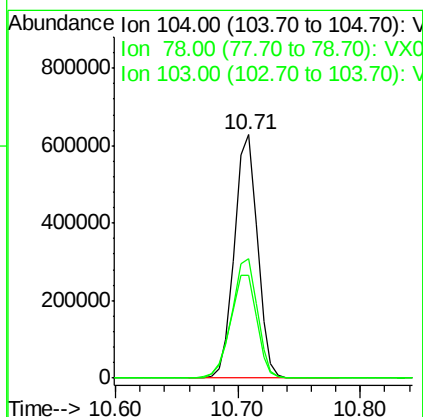
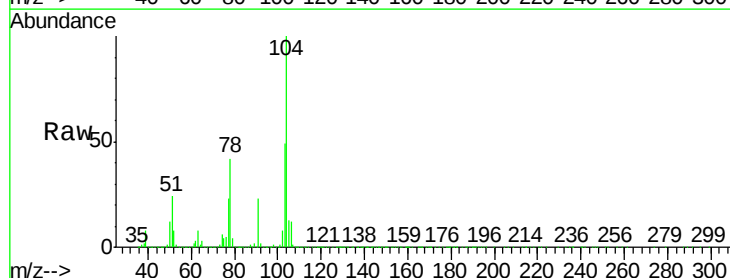
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

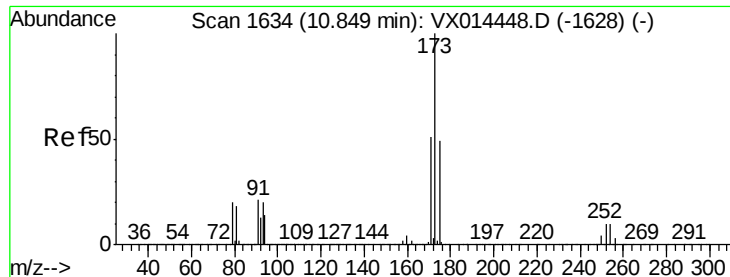
Tgt Ion:106 Resp: 467415
Ion Ratio Lower Upper
106 100
91 212.0 105.1 315.1



#70
Styrene
Concen: 50.642 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion:104 Resp: 815993
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 54.1 43.7 65.5





#71

Bromoform

Concen: 50.336 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

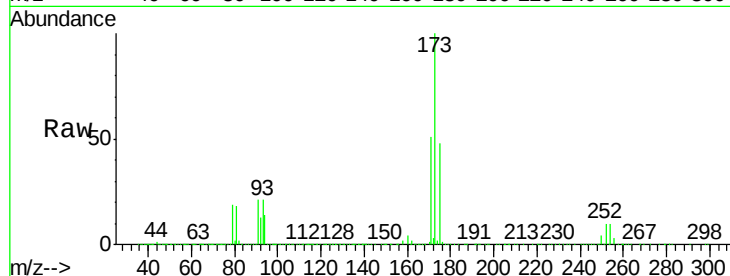
Tgt Ion:173 Resp: 218724

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

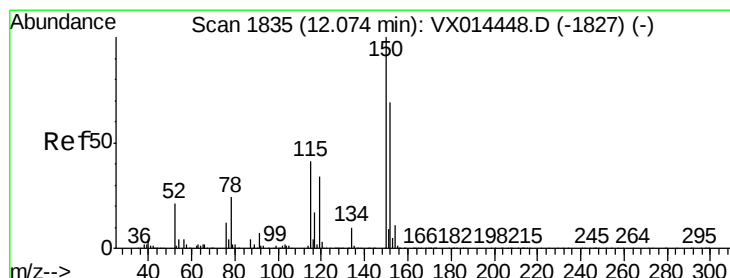
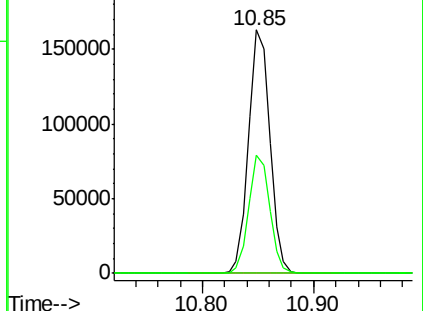
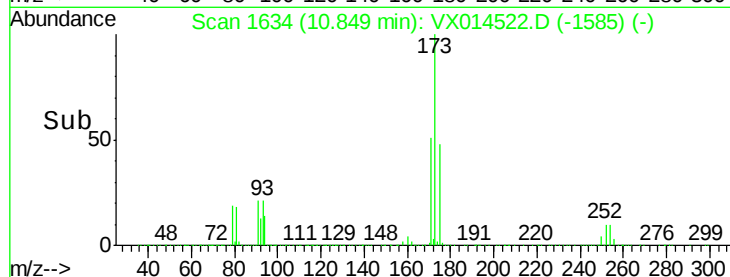
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

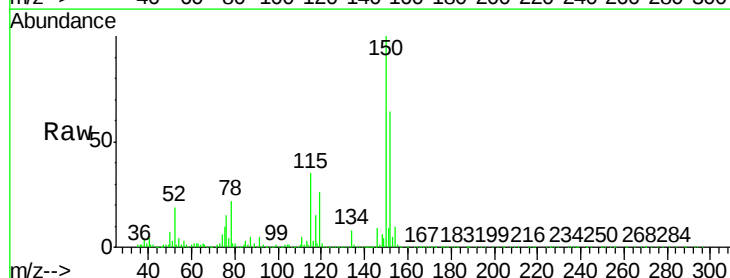
Tgt Ion:152 Resp: 351532

Ion Ratio Lower Upper

152 100

115 77.7 39.5 118.3

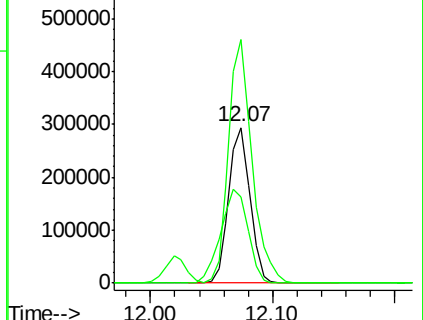
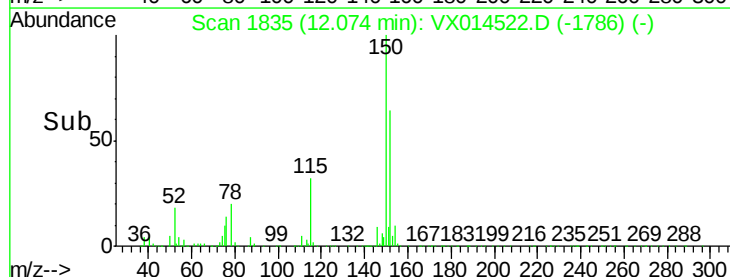
150 173.4 0.0 350.2

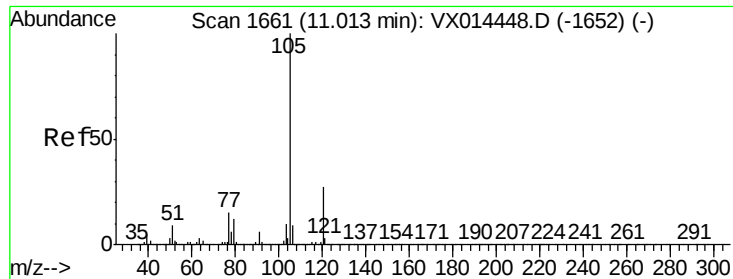


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.831 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

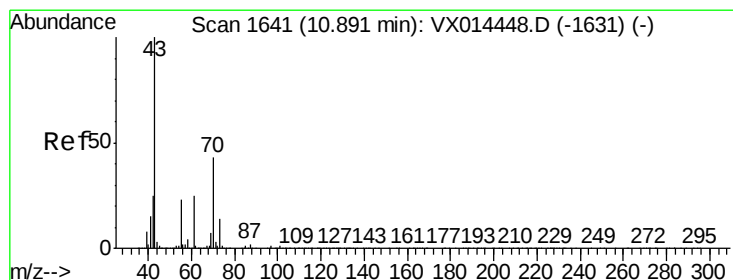
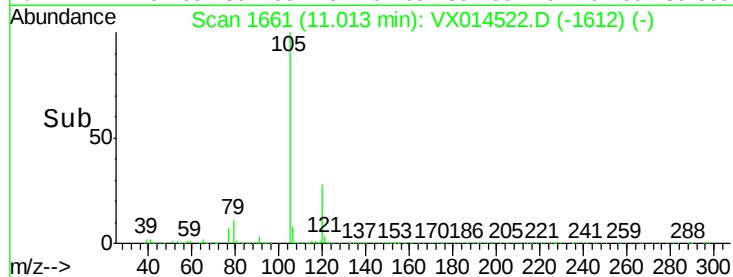
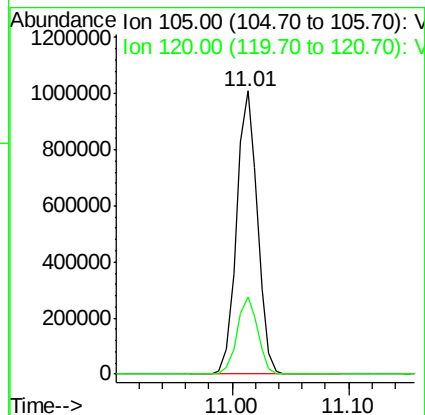
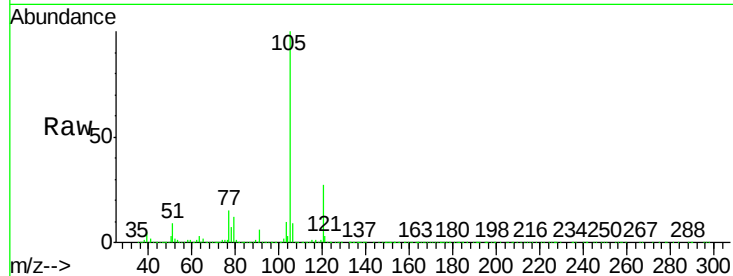
VSTDCCC050

Tgt Ion:105 Resp: 1254773

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 49.702 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion: 43 Resp: 541287

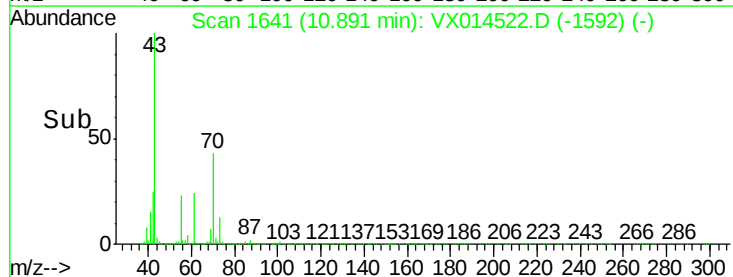
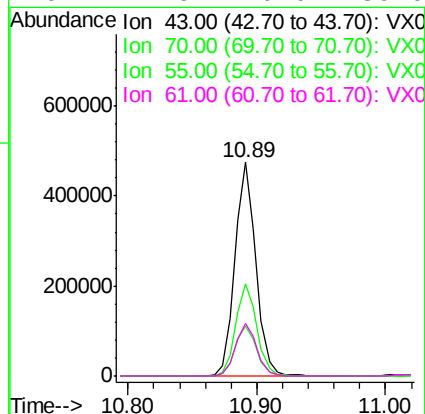
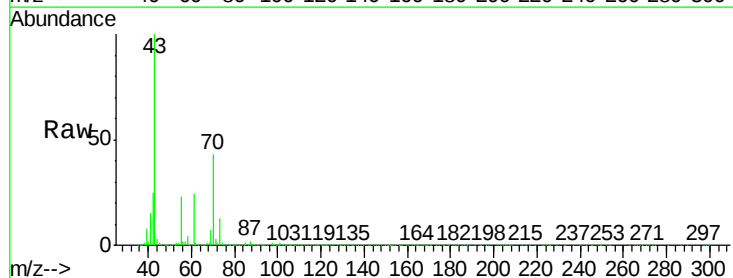
Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 24.2 19.3 28.9

61 24.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.534 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

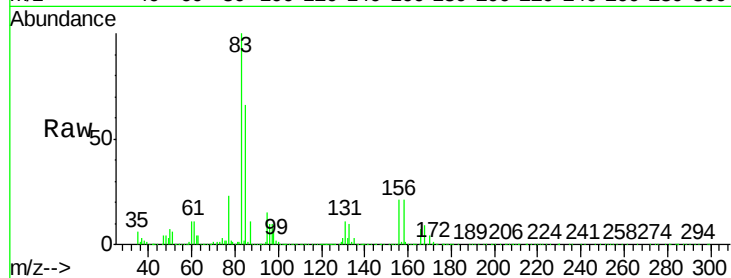
Tgt Ion: 83 Resp: 392130

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

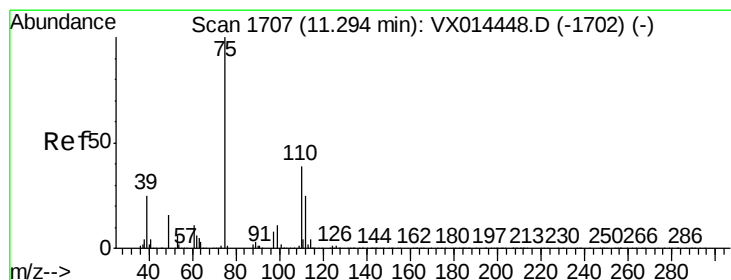
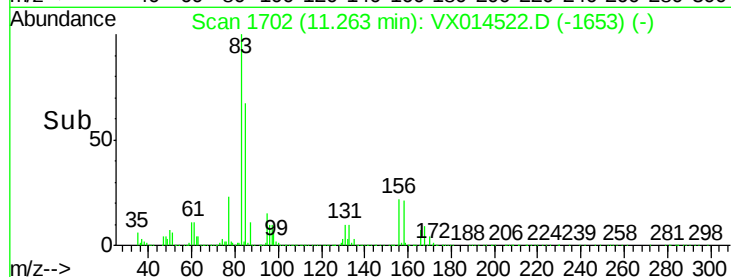
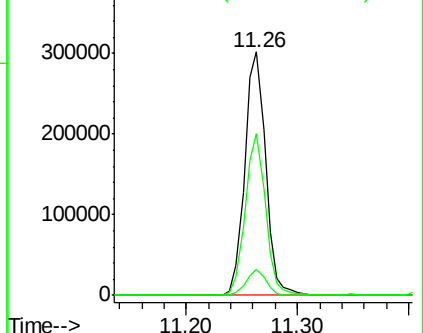
85 64.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.802 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014522.D

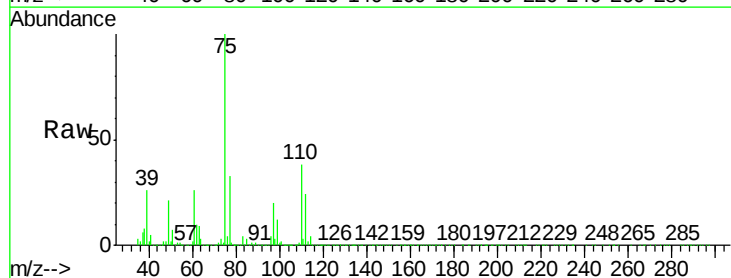
Acq: 10 Jan 2020 08:48

Tgt Ion: 75 Resp: 464048

Ion Ratio Lower Upper

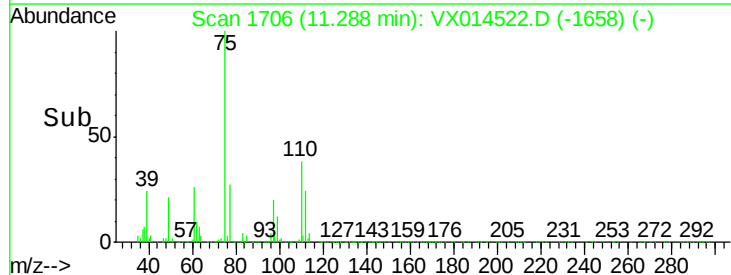
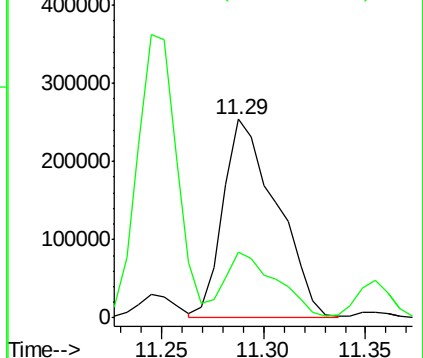
75 100

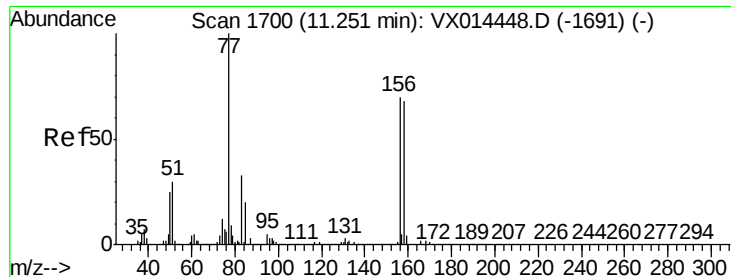
77 32.3 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.389 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

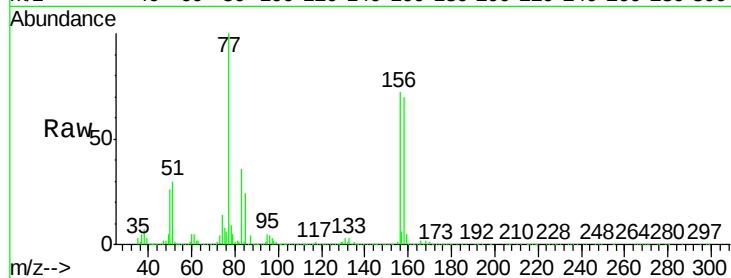
Tgt Ion:156 Resp: 324410

Ion Ratio Lower Upper

156 100

77 149.2 75.4 226.3

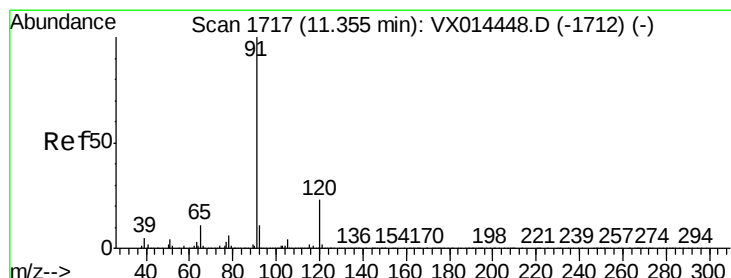
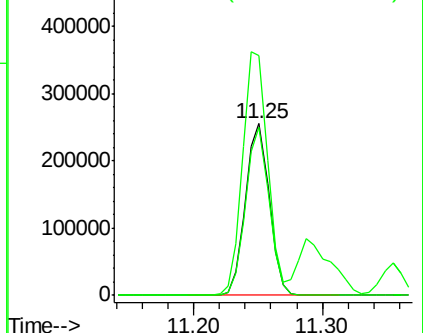
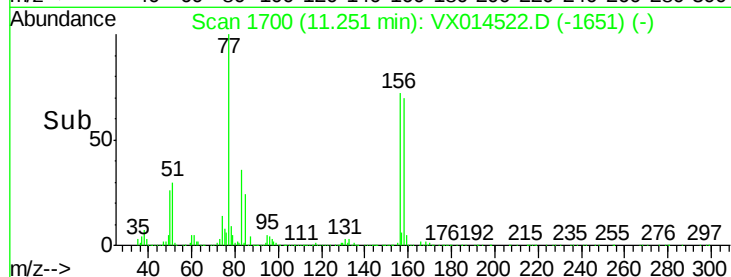
158 96.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.353 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014522.D

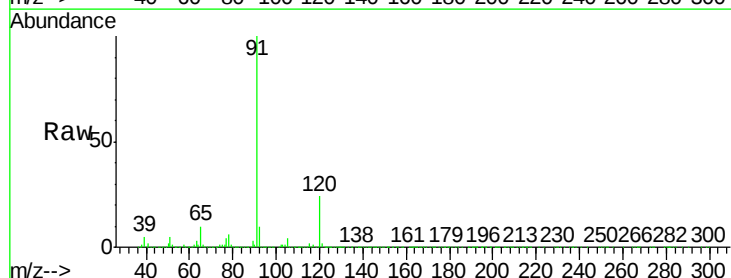
Acq: 10 Jan 2020 08:48

Tgt Ion: 91 Resp: 1451768

Ion Ratio Lower Upper

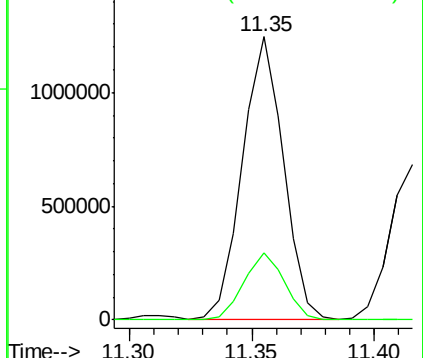
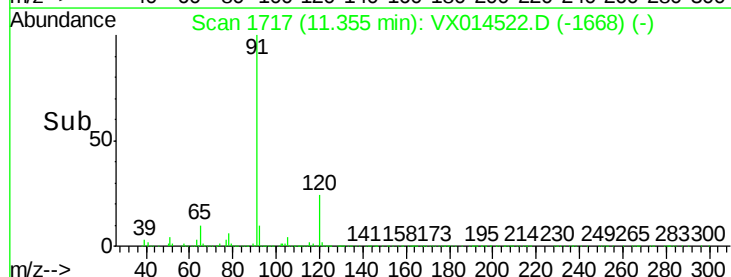
91 100

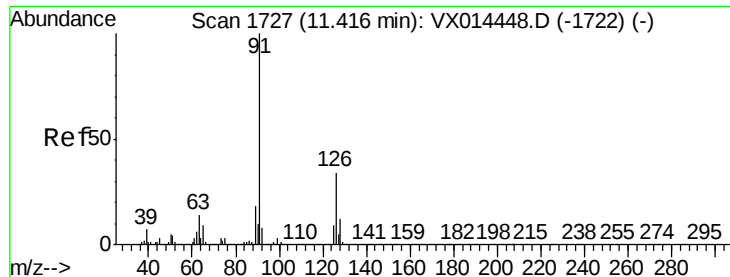
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

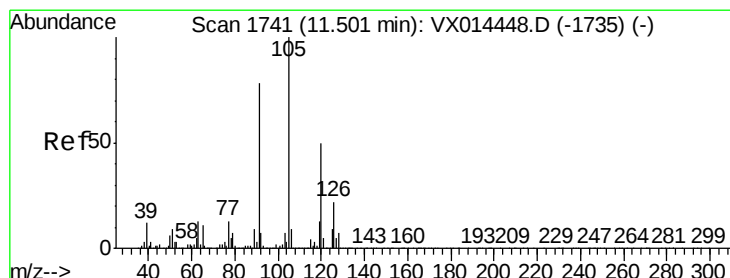
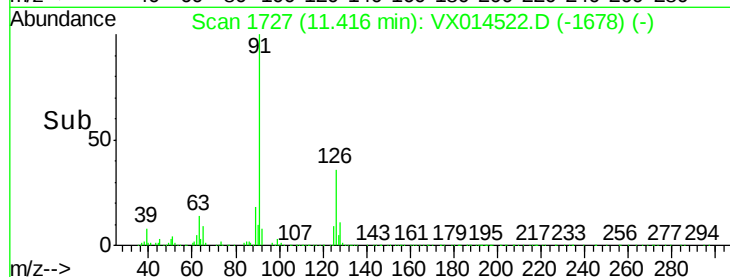
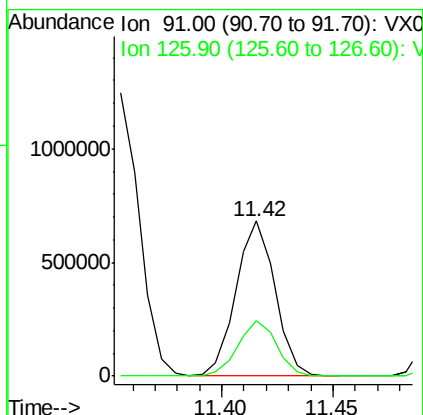
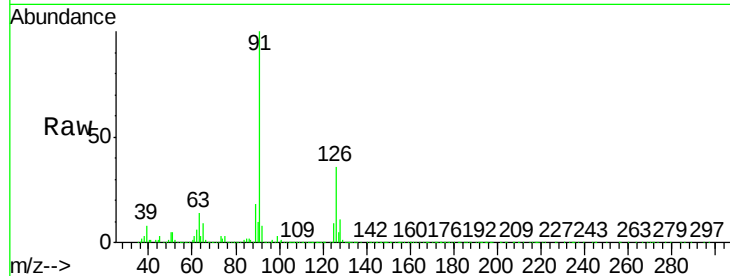




#79
2-Chlorotoluene
Concen: 49.323 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

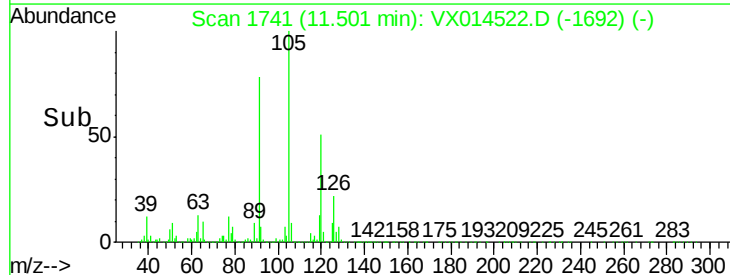
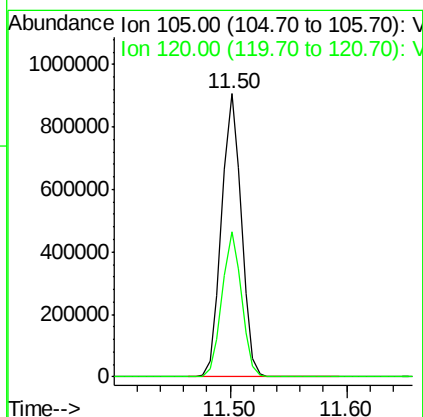
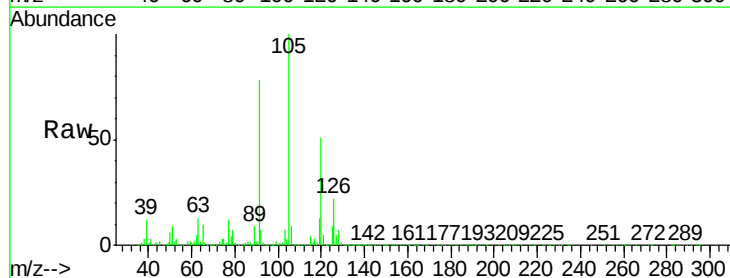
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

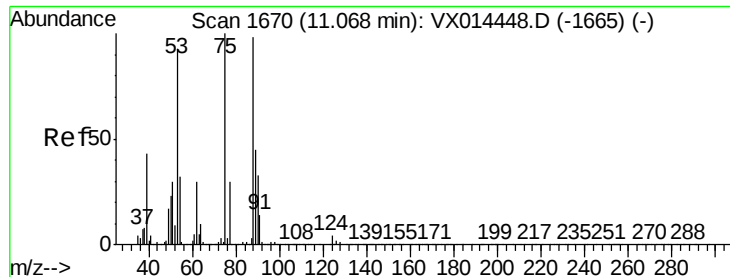
Tgt Ion: 91 Resp: 831040
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 51.697 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 105 Resp: 1059496
Ion Ratio Lower Upper
105 100
120 50.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.544 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

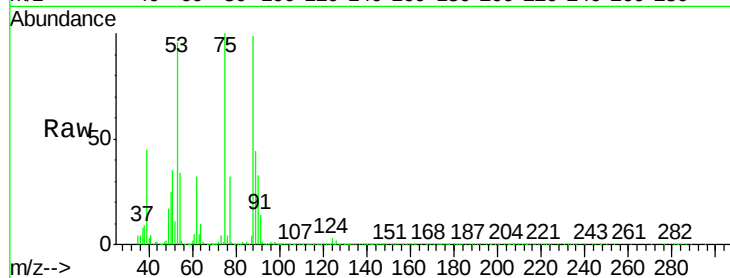
Tgt Ion: 75 Resp: 136299

Ion Ratio Lower Upper

75 100

53 95.6 74.8 112.2

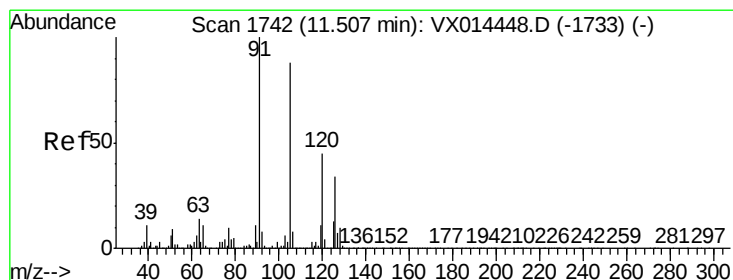
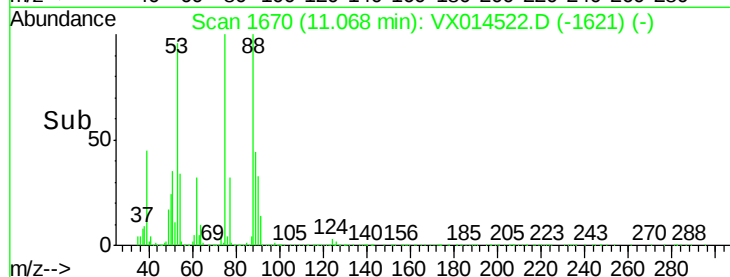
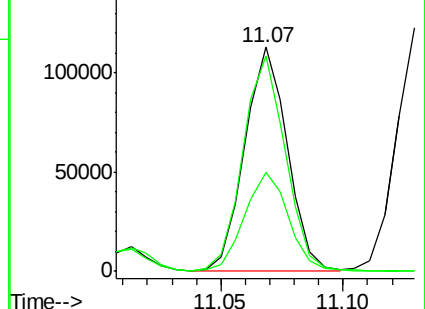
89 46.2 36.3 54.5



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: 49.477 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014522.D

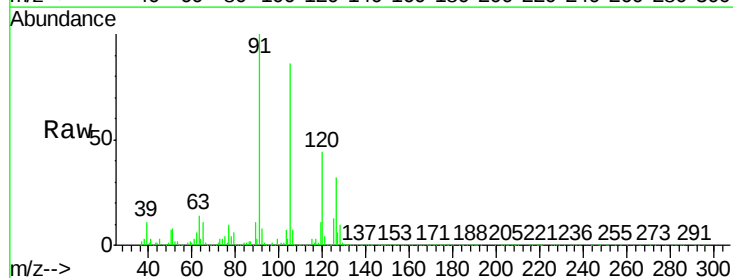
Acq: 10 Jan 2020 08:48

Tgt Ion: 91 Resp: 978527

Ion Ratio Lower Upper

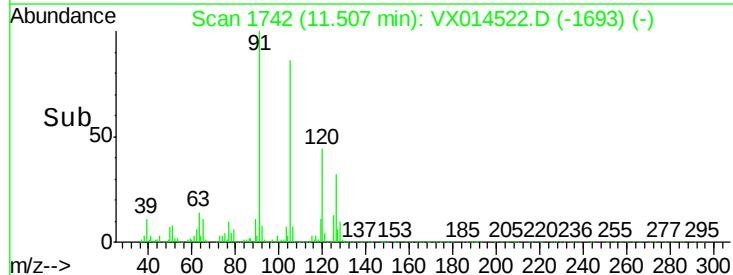
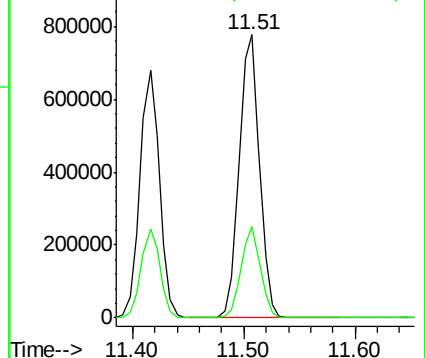
91 100

126 30.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

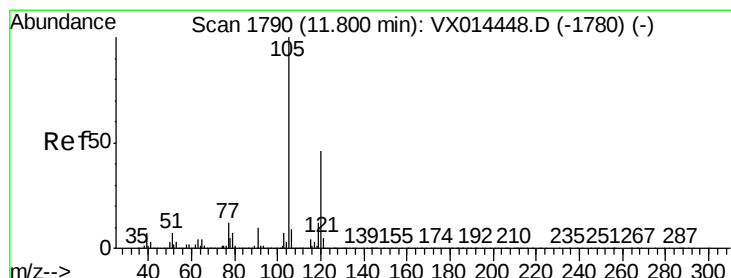
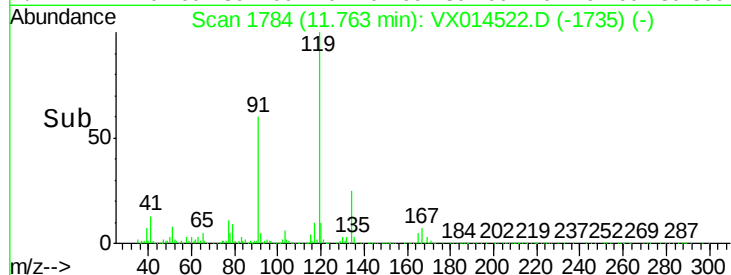
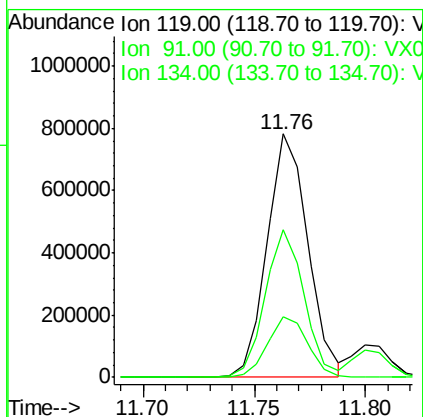
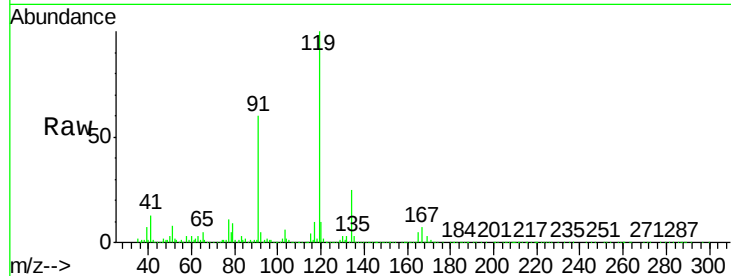




#83
 tert-Butylbenzene
 Concen: 51.389 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

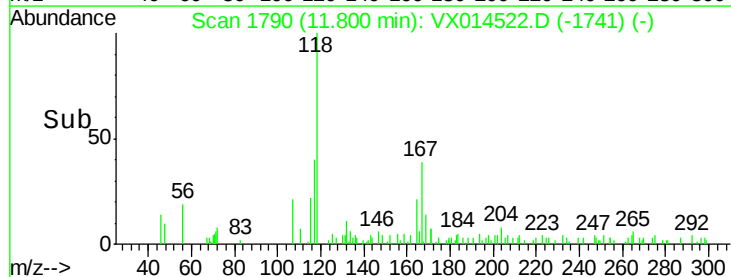
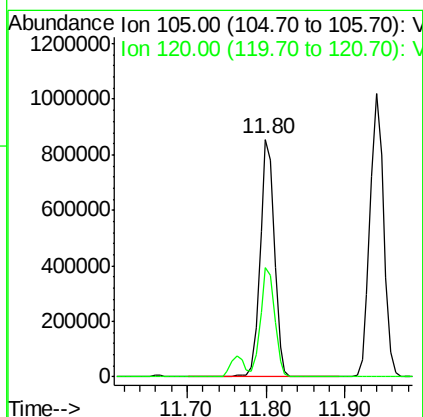
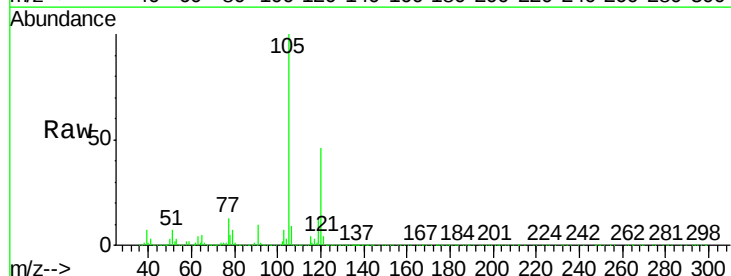
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

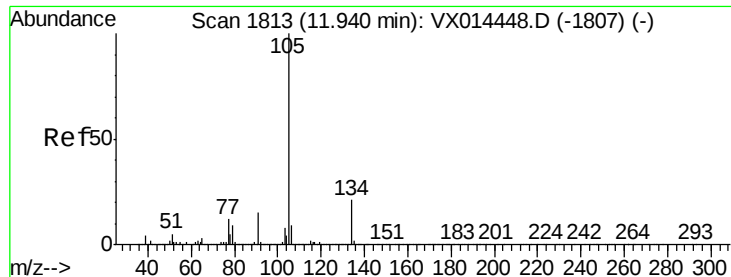
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.3	88.0
134	24.5	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.530 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.091 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

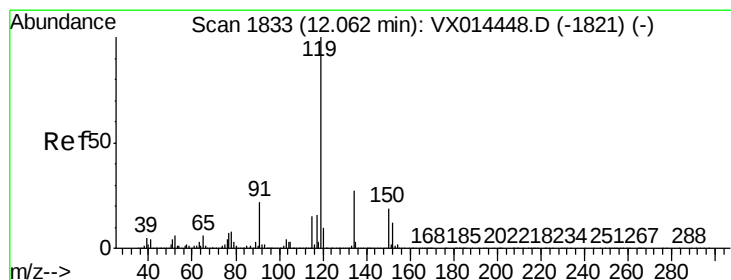
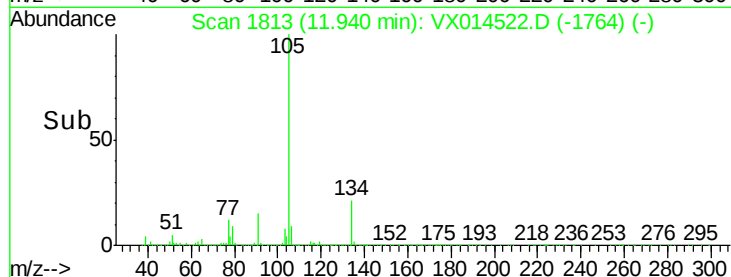
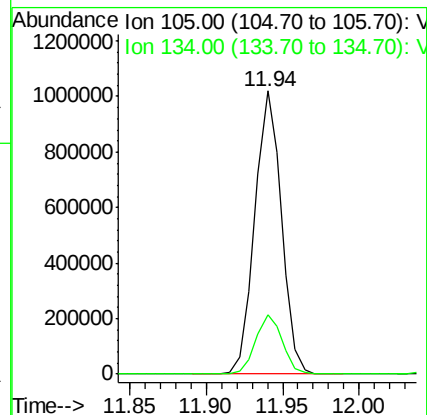
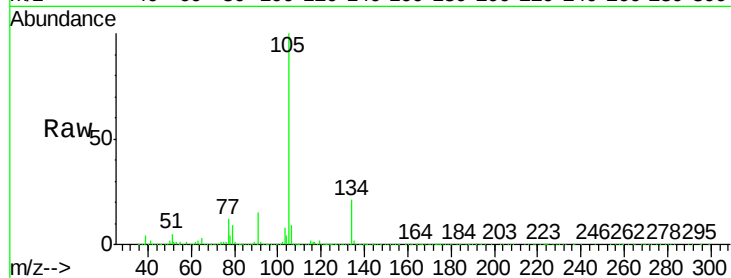
VSTDCCC050

Tgt Ion:105 Resp: 1229908

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 51.141 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

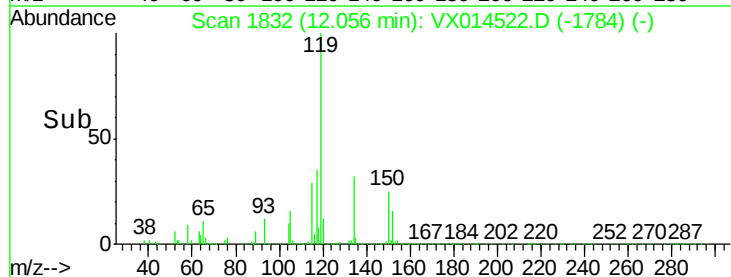
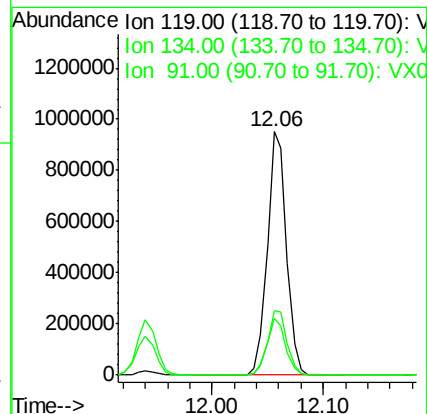
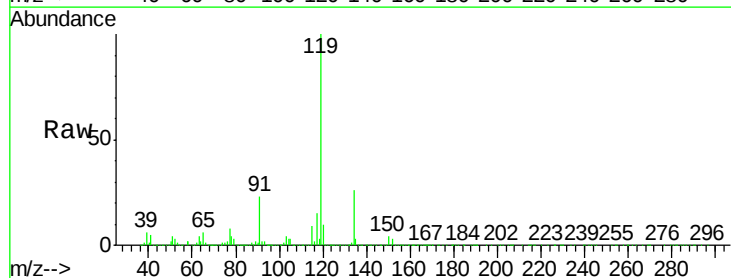
Tgt Ion:119 Resp: 1142412

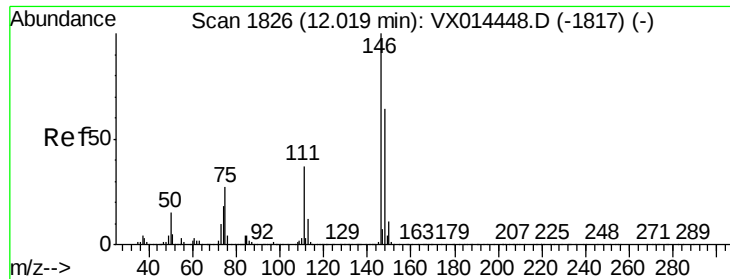
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.7 11.1 33.3

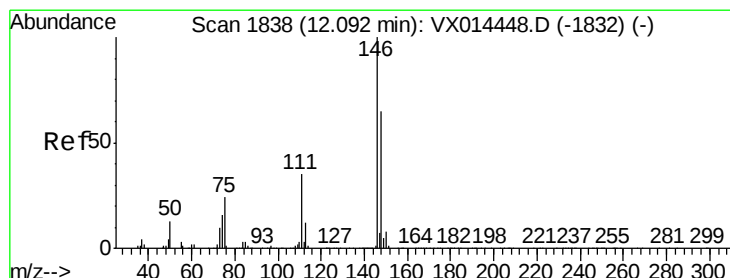
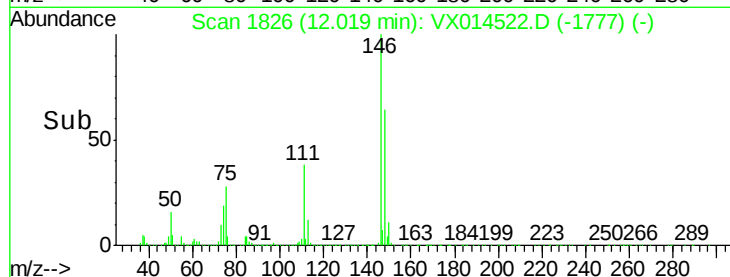
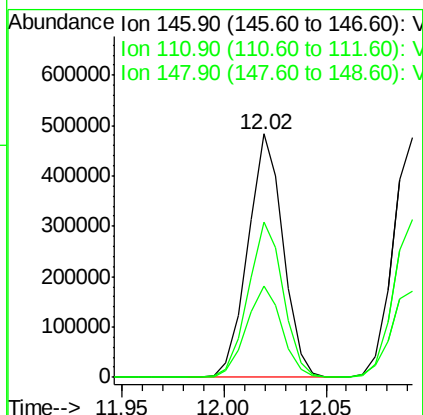
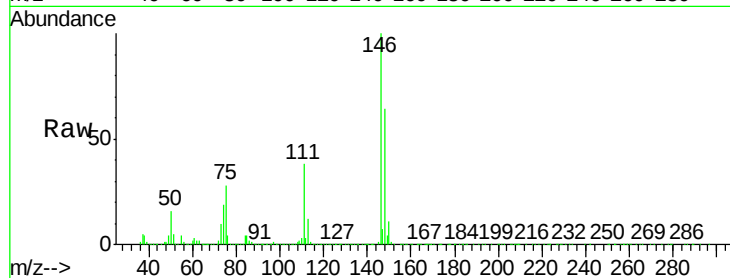




#87
 1,3-Dichlorobenzene
 Concen: 47.230 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

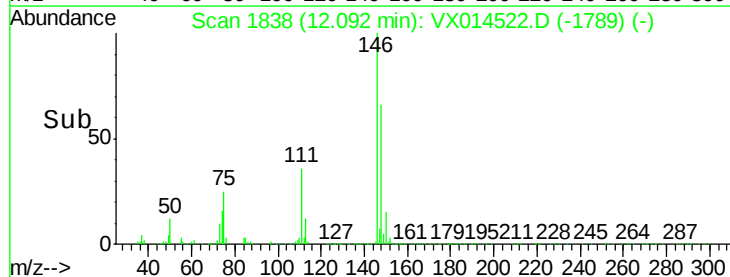
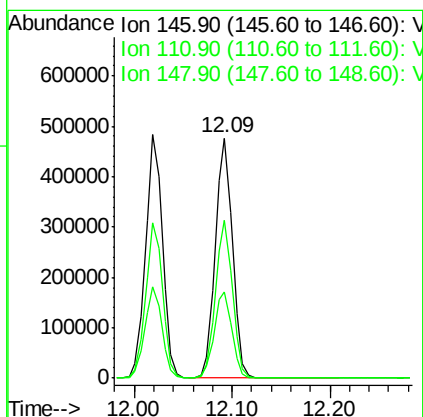
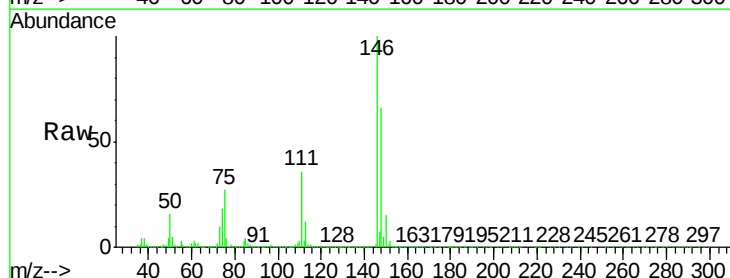
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 580260
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.267 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion:146 Resp: 580148
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 64.8 32.1 96.3





#89

n-Butylbenzene

Concen: 49.088 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

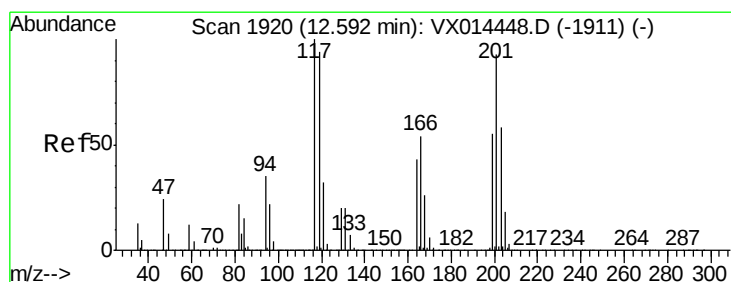
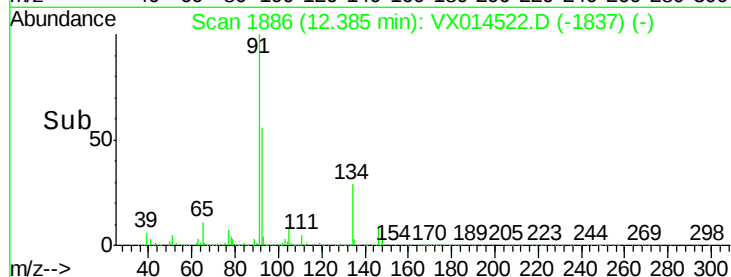
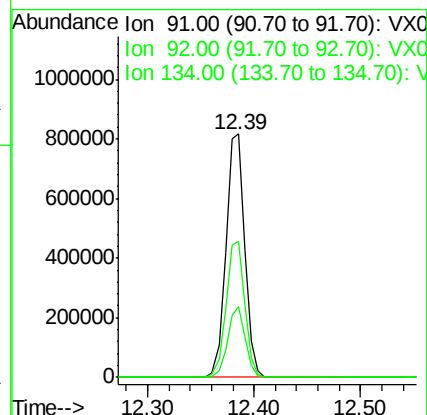
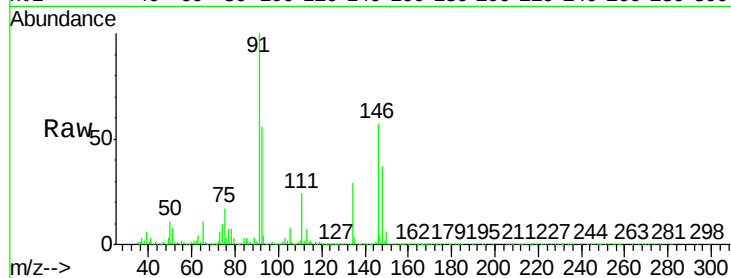
Tgt Ion: 91 Resp: 1002612

Ion Ratio Lower Upper

91 100

92 55.4 27.4 82.2

134 27.2 13.9 41.7



#90

Hexachloroethane

Concen: 50.841 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014522.D

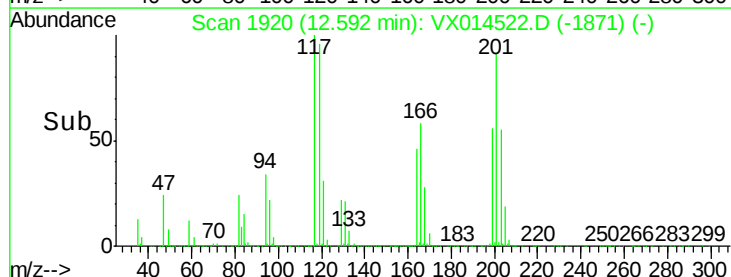
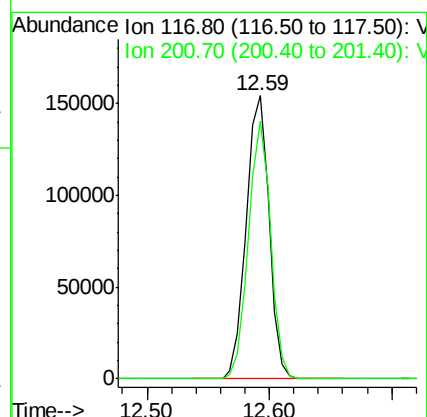
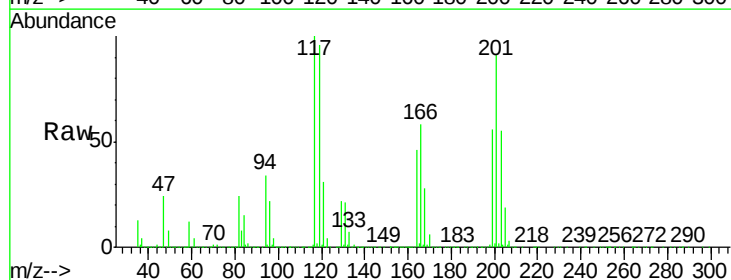
Acq: 10 Jan 2020 08:48

Tgt Ion: 117 Resp: 199493

Ion Ratio Lower Upper

117 100

201 88.6 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 47.832 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

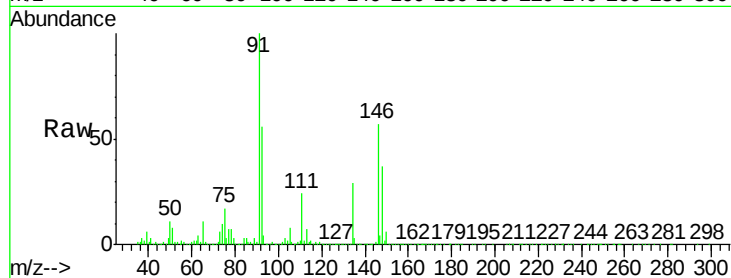
Tgt Ion:146 Resp: 575744

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

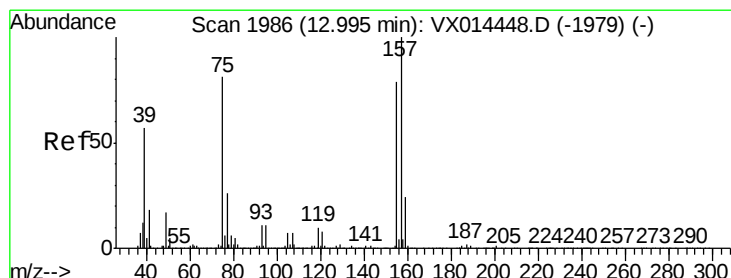
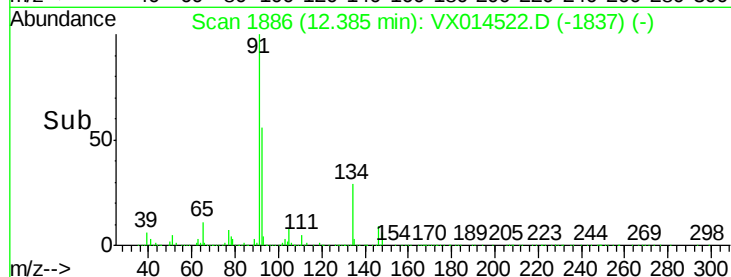
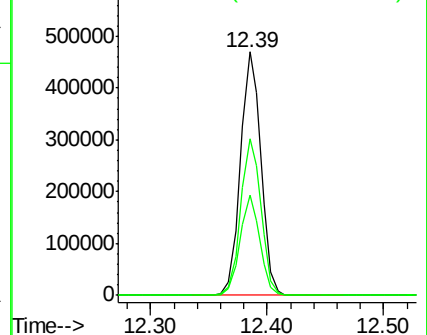
148 64.2 32.3 96.8



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: 45.513 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

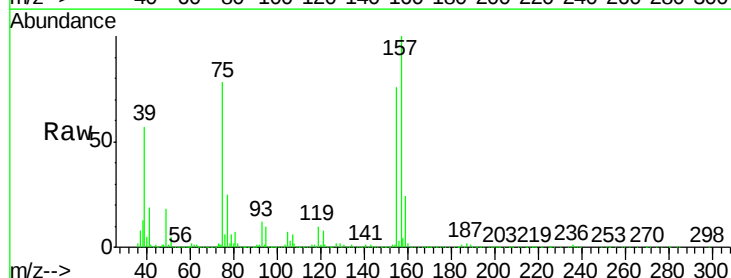
Tgt Ion: 75 Resp: 81046

Ion Ratio Lower Upper

75 100

155 98.7 48.7 146.1

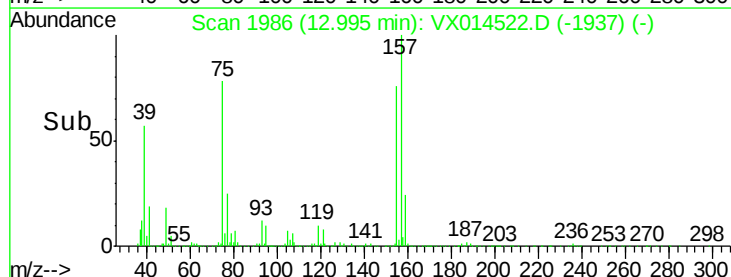
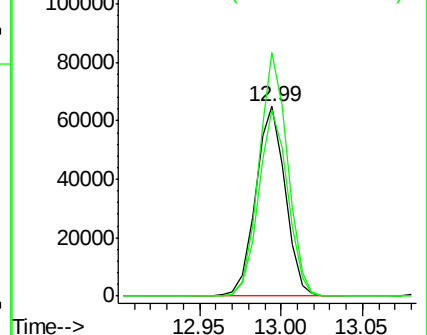
157 124.9 62.0 185.9



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

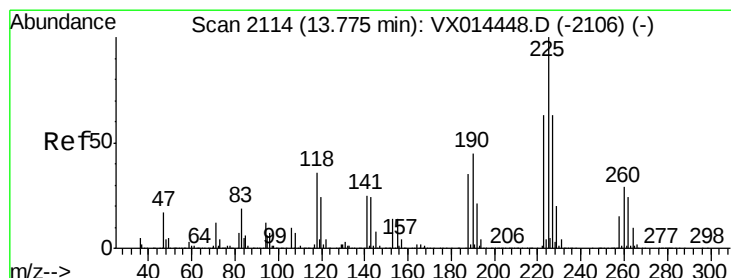
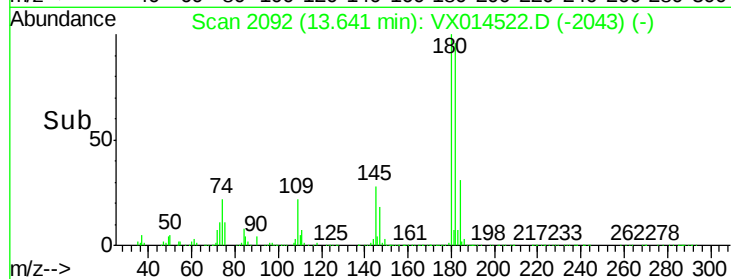
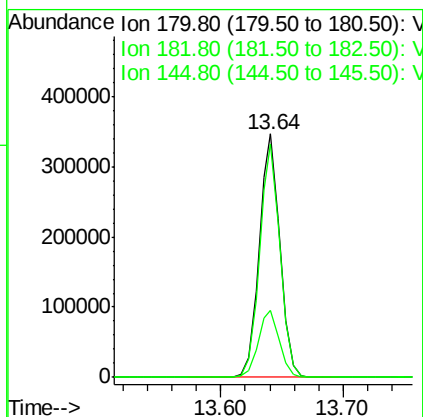
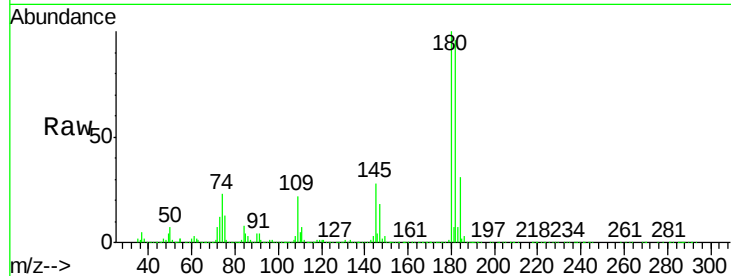




#93
 1,2,4-Trichlorobenzene
 Concen: 48.376 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

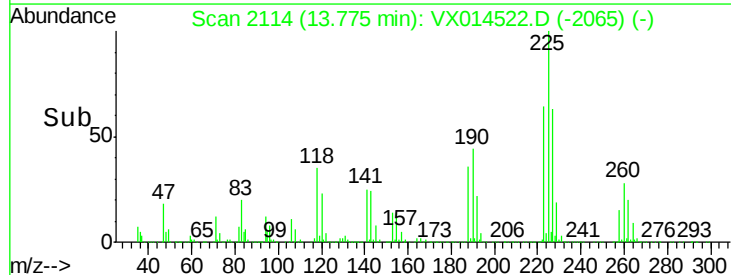
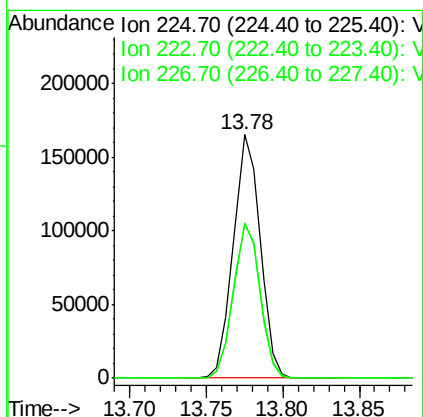
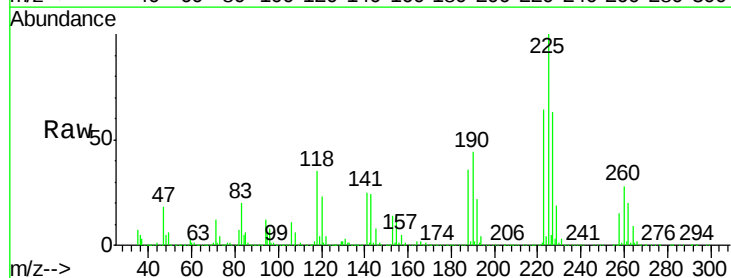
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

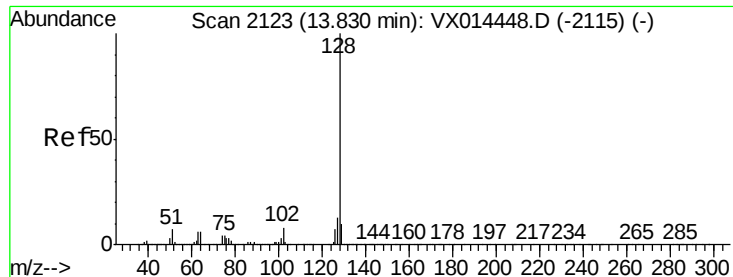
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	28.4	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 50.903 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	63.8	31.4	94.2

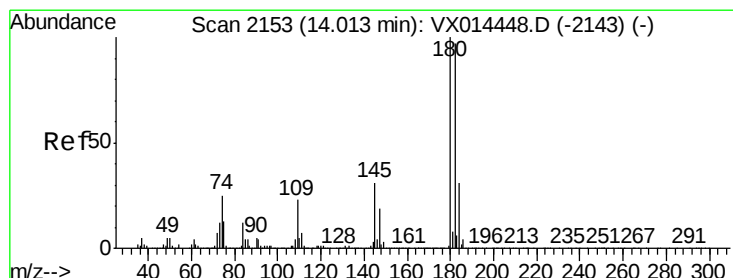
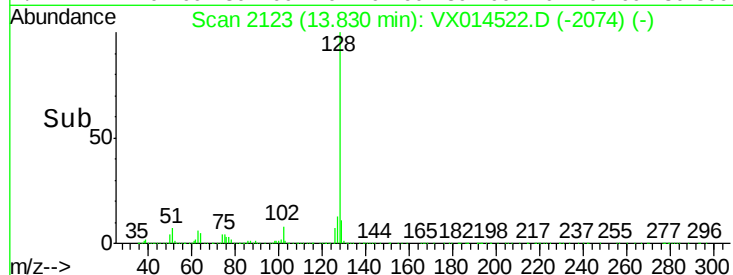
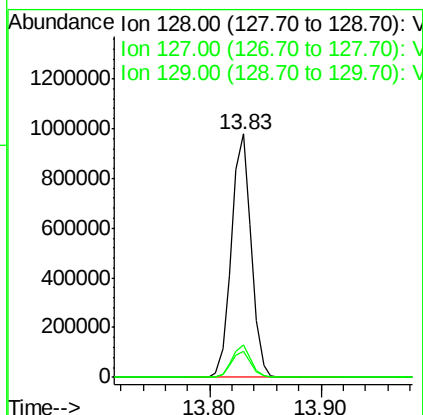
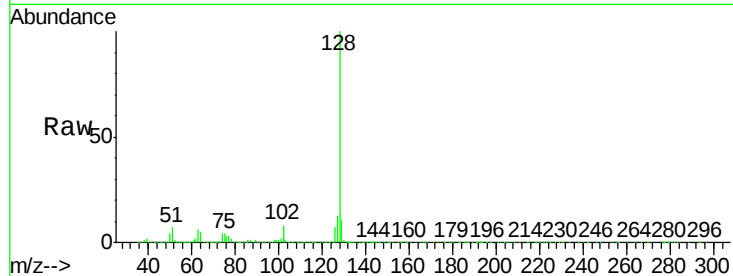




#95
Naphthalene
Concen: 45.463 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1192106
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.255 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion:180 Resp: 400156
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.6
145 30.1 14.8 44.3

