

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX011420\
 Data File : VX014607.D
 Acq On : 14 Jan 2020 16:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 23:33:51 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	475397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	707155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	642699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253464	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	210466	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	823711	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	294234	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310587	52.609	ug/l	100
3) Chloromethane	1.32	50	314602	51.916	ug/l	98
4) Vinyl Chloride	1.40	62	365711	54.159	ug/l	98
5) Bromomethane	1.63	94	217559	48.605	ug/l	98
6) Chloroethane	1.72	64	195432	53.194	ug/l	98
7) Trichlorofluoromethane	1.92	101	397255	51.861	ug/l	100
8) Diethyl Ether	2.18	74	173157	49.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245518	52.684	ug/l	99
10) Methyl Iodide	2.50	142	327377	58.668	ug/l	100
11) Tert butyl alcohol	3.03	59	257326	232.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	235244	50.102	ug/l	99
13) Acrolein	2.28	56	228531	257.305	ug/l	99
14) Allyl chloride	2.72	41	429819	52.141	ug/l	99
15) Acrylonitrile	3.13	53	695834	260.180	ug/l	99
16) Acetone	2.43	43	643832	241.818	ug/l	99
17) Carbon Disulfide	2.56	76	623902	47.622	ug/l	100
18) Methyl Acetate	2.76	43	417418	54.724	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	788853	52.337	ug/l	99
20) Methylene Chloride	2.84	84	271286	50.813	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	255408	49.827	ug/l	99
22) Diisopropyl ether	3.84	45	870977	54.673	ug/l	97
23) Vinyl Acetate	3.80	43	3392965	275.097	ug/l	99
24) 1,1-Dichloroethane	3.69	63	461100	53.207	ug/l	99
25) 2-Butanone	4.65	43	970911	244.918	ug/l	100
26) 2,2-Dichloropropane	4.57	77	372231	50.704	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	290030	50.614	ug/l	98
28) Bromochloromethane	5.00	49	174558	47.802	ug/l	95
29) Tetrahydrofuran	5.11	42	619185	264.179	ug/l	98
30) Chloroform	5.19	83	457371	54.010	ug/l	100
31) Cyclohexane	5.57	56	439993	54.242	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	389795	53.774	ug/l	99
36) 1,1-Dichloropropene	5.79	75	349402	52.541	ug/l	99
37) Ethyl Acetate	4.81	43	376326	52.098	ug/l	99
38) Carbon Tetrachloride	5.77	117	334331	54.632	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	456173	54.600	ug/l	98
40) Benzene	6.13	78	1060296	53.720	ug/l	98
41) Methacrylonitrile	5.02	41	210519	54.651	ug/l	99
42) 1,2-Dichloroethane	6.18	62	363708	52.703	ug/l	100
43) Isopropyl Acetate	6.43	43	620435	53.170	ug/l	100
44) Trichloroethene	7.20	130	293568	51.756	ug/l	99
45) 1,2-Dichloropropane	7.50	63	279323	55.509	ug/l	99
46) Dibromomethane	7.65	93	176848	50.353	ug/l	99
47) Bromodichloromethane	7.89	83	355495	55.626	ug/l	100
48) Methyl methacrylate	7.76	41	305199	54.609	ug/l	98
49) 1,4-Dioxane	7.73	88	112475	949.789	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1911338	268.797	ug/l	99
52) Toluene	8.78	92	665932	52.706	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	397272	53.395	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	438631	54.574	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	273080	53.810	ug/l	98
56) Ethyl methacrylate	9.17	69	430626	55.386	ug/l	99
57) 1,3-Dichloropropane	9.36	76	455098	53.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692592	261.818	ug/l	99
59) 2-Hexanone	9.48	43	1443952	256.643	ug/l	100
60) Dibromochloromethane	9.57	129	285171	55.906	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281565	52.376	ug/l	100
64) Tetrachloroethene	9.33	164	312246	48.476	ug/l	99
65) Chlorobenzene	10.13	112	727054	52.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	266791	53.599	ug/l	99
67) Ethyl Benzene	10.25	91	1284290	54.023	ug/l	98
68) m/p-Xylenes	10.35	106	995210	108.511	ug/l	100
69) o-Xylene	10.69	106	473456	54.105	ug/l	98
70) Styrene	10.71	104	814402	53.928	ug/l	100
71) Bromoform	10.85	173	218371	53.621	ug/l	100
73) Isopropylbenzene	11.01	105	1268252	55.032	ug/l	99
74) N-amyl acetate	10.89	43	544414	53.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	402899	54.515	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	470940	69.356	ug/l	82
77) Bromobenzene	11.25	156	326102	51.025	ug/l	99
78) n-propylbenzene	11.35	91	1468127	55.626	ug/l	99
79) 2-Chlorotoluene	11.42	91	842696	53.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1066169	55.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138667	53.991	ug/l	98
82) 4-Chlorotoluene	11.51	91	983425	53.262	ug/l	99
83) tert-Butylbenzene	11.76	119	1009007	55.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1070368	55.364	ug/l	100
85) sec-Butylbenzene	11.94	105	1256370	55.903	ug/l	99
86) p-Isopropyltoluene	12.06	119	1167787	55.996	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	588039	51.269	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	580261	53.896	ug/l	98
89) n-Butylbenzene	12.39	91	1032642	54.155	ug/l	99
90) Hexachloroethane	12.59	117	203893	55.659	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	583872	51.958	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	86226	51.867	ug/l	97

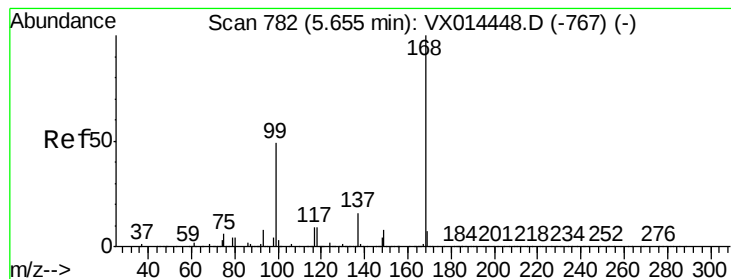
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	411544	52.186	ug/l	99
94) Hexachlorobutadiene	13.77	225	203057	54.966	ug/l	98
95) Naphthalene	13.83	128	1168328	47.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	407814	52.702	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: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

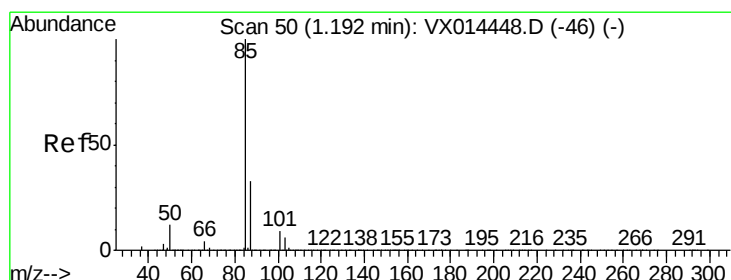
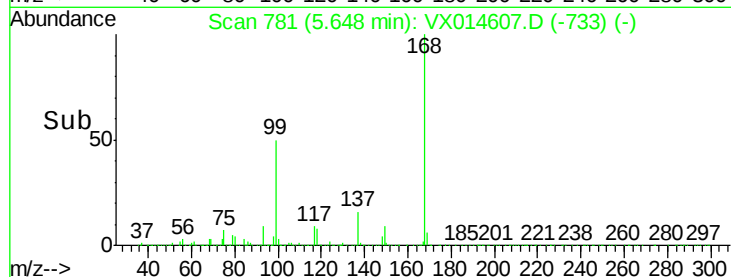
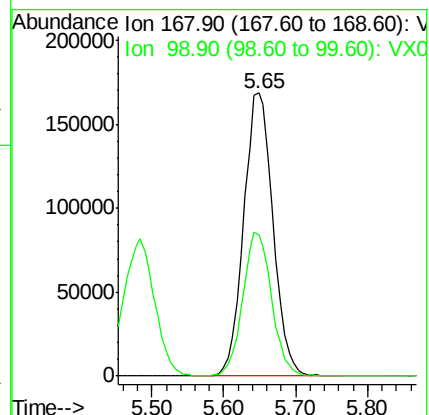
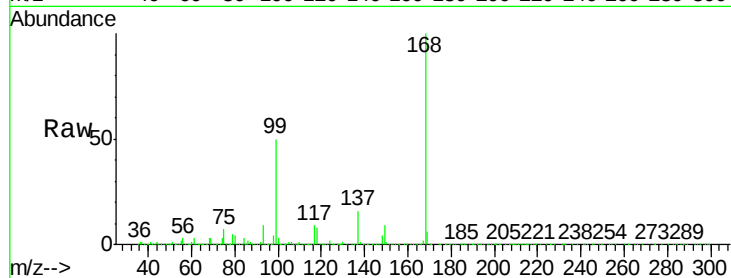
VSTDCCC050EC

Tgt Ion:168 Resp: 475397

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



#2

Dichlorodifluoromethane

Concen: 52.609 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014607.D

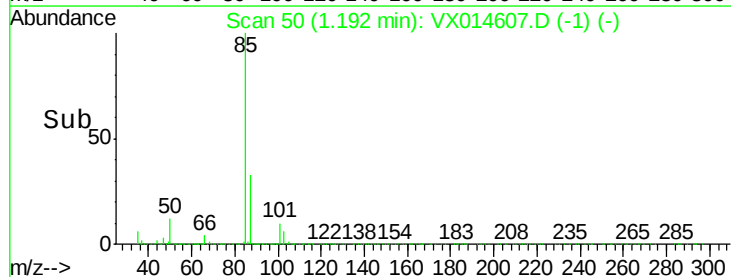
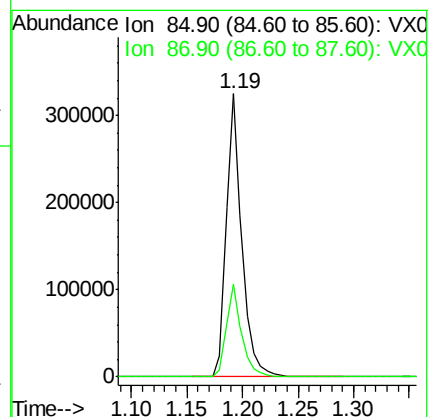
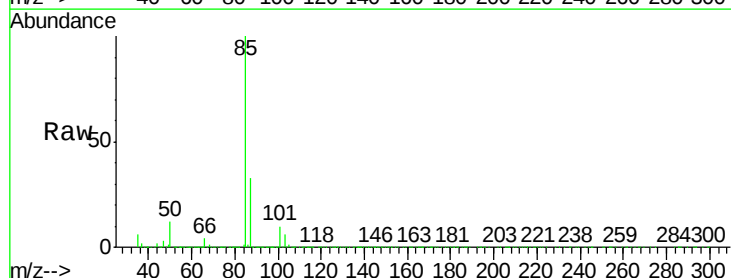
Acq: 14 Jan 2020 16:59

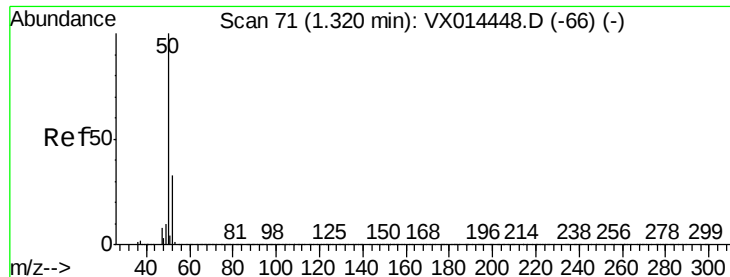
Tgt Ion: 85 Resp: 310587

Ion Ratio Lower Upper

85 100

87 32.7 16.5 49.5

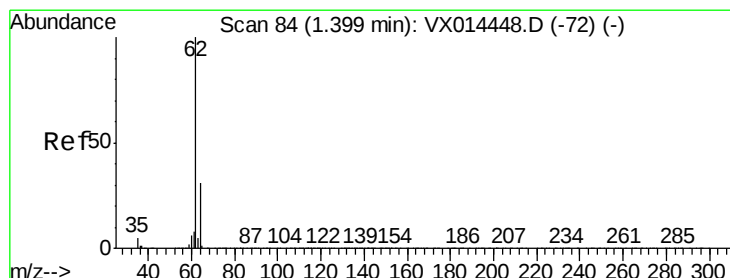
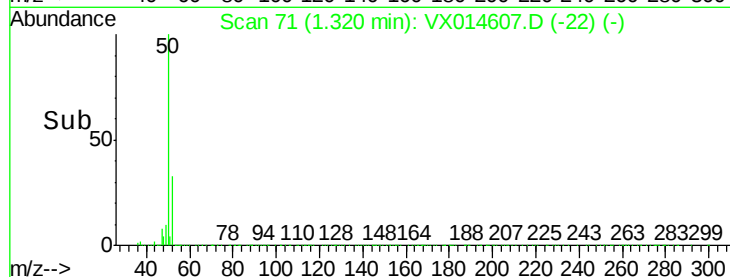
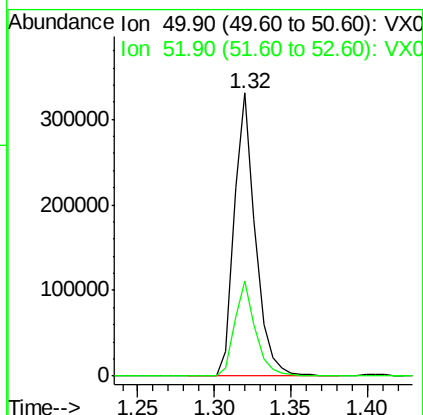
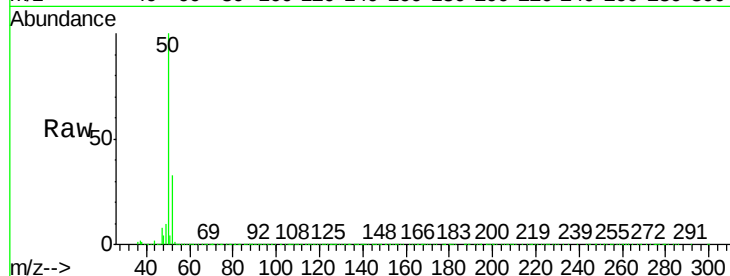




#3
Chloromethane
Concen: 51.916 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

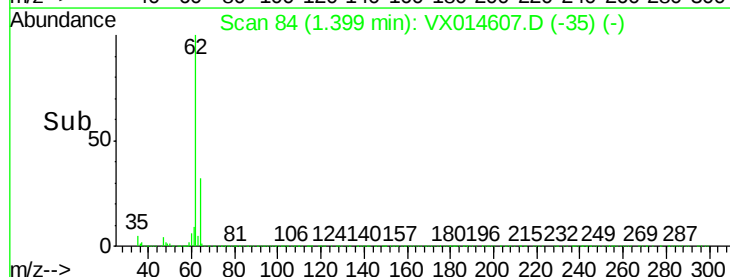
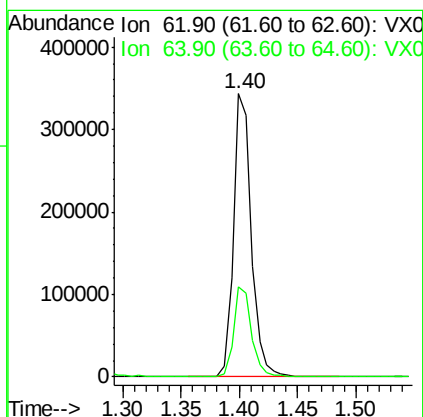
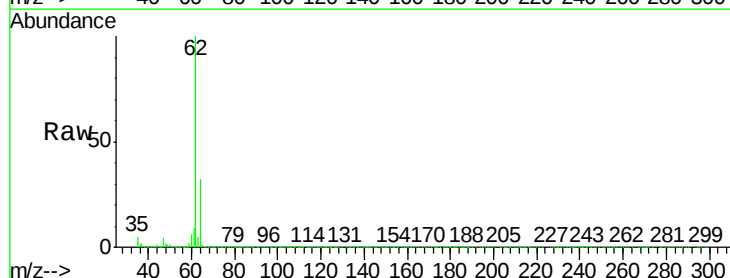
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

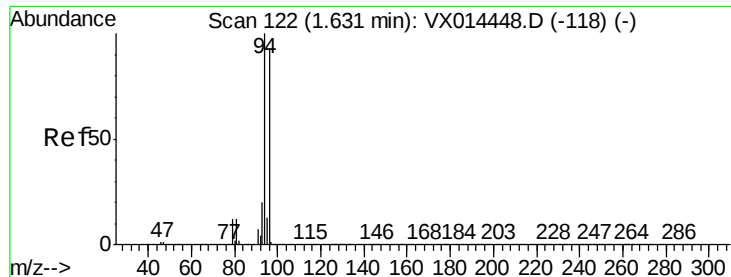
Tgt Ion: 50 Resp: 314602
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 54.159 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 62 Resp: 365711
Ion Ratio Lower Upper
62 100
64 31.8 24.6 37.0





#5

Bromomethane

Concen: 48.605 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

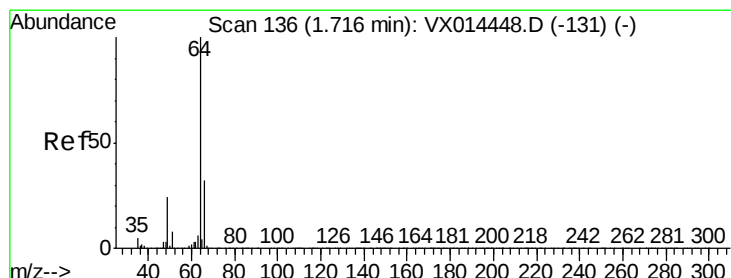
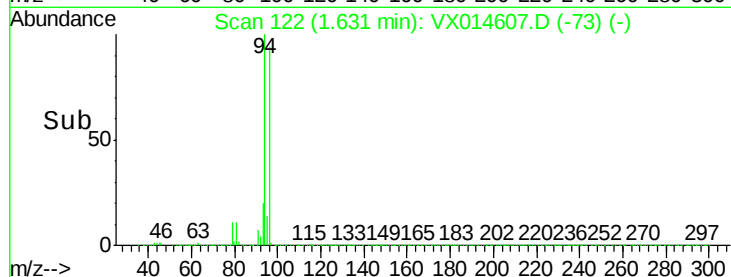
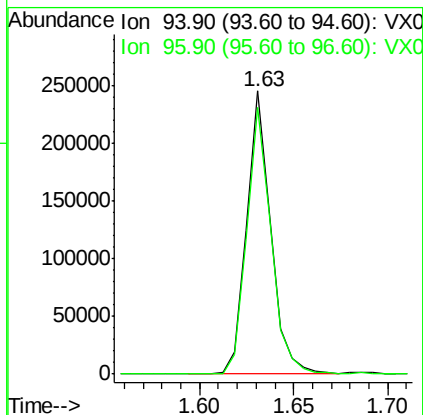
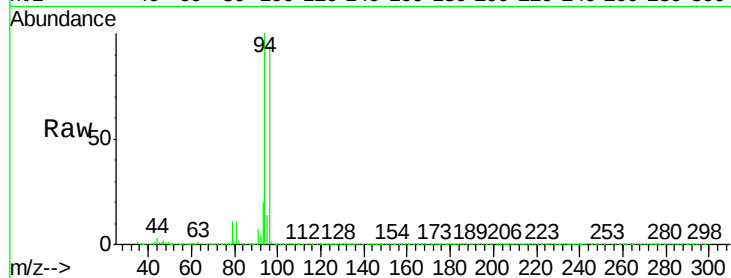
VSTDCCC050EC

Tgt Ion: 94 Resp: 217559

Ion Ratio Lower Upper

94 100

96 94.3 74.2 111.2



#6

Chloroethane

Concen: 53.194 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014607.D

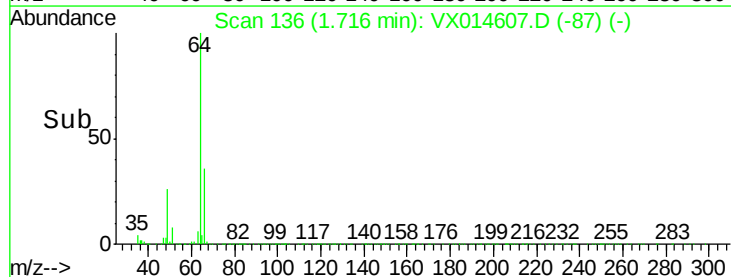
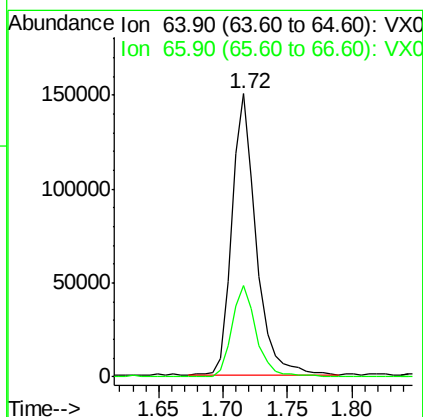
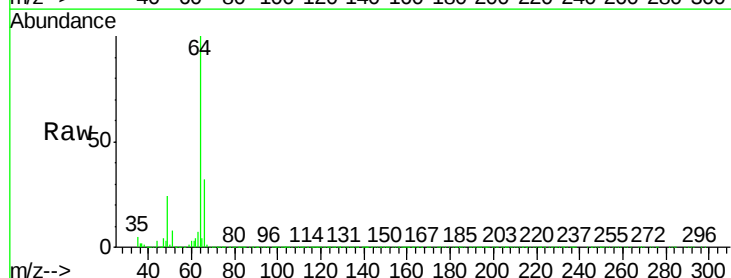
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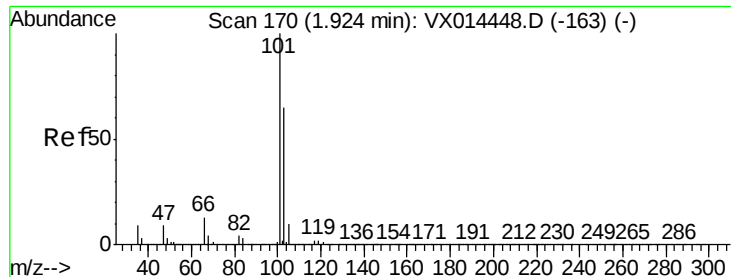
Tgt Ion: 64 Resp: 195432

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9



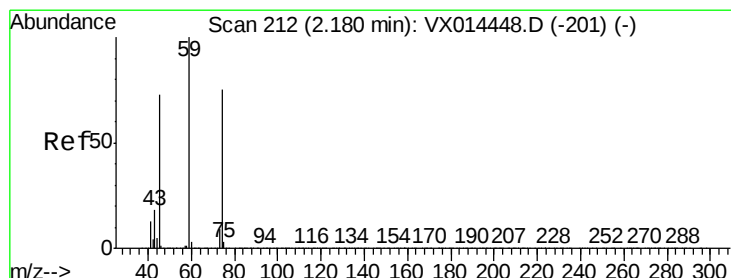
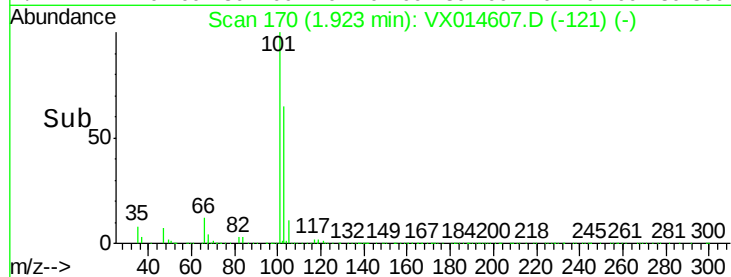
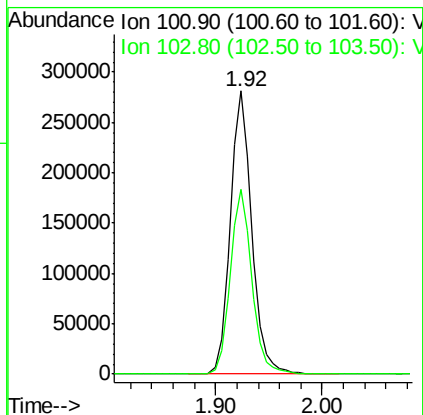
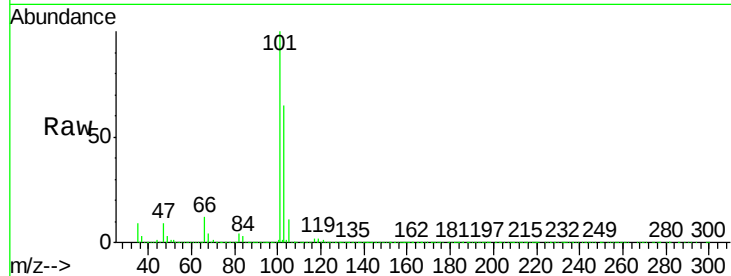


#7

Trichlorofluoromethane
Concen: 51.861 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
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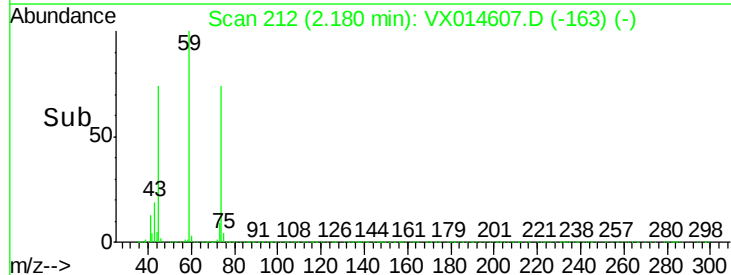
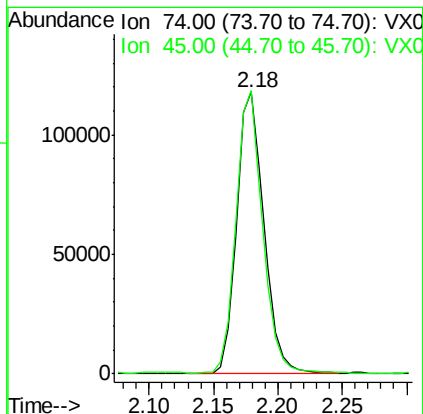
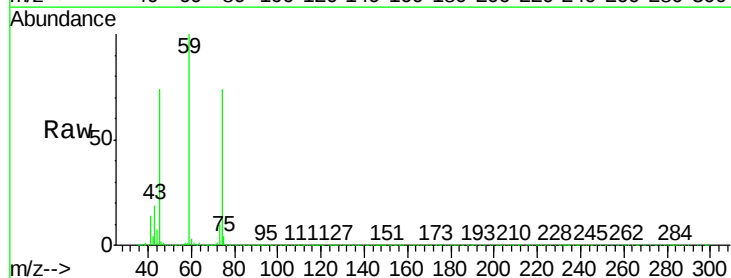
Tgt Ion: 101 Resp: 397255
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

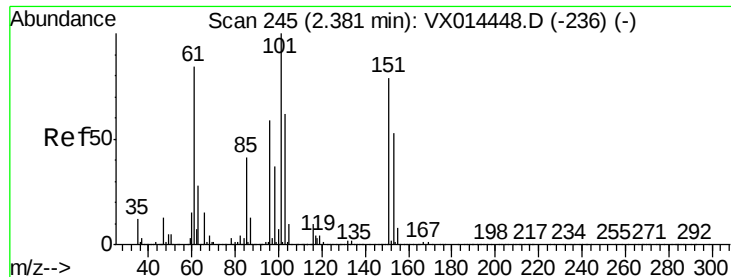


#8

Diethyl Ether
Concen: 49.549 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 74 Resp: 173157
Ion Ratio Lower Upper
74 100
45 97.7 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.684 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

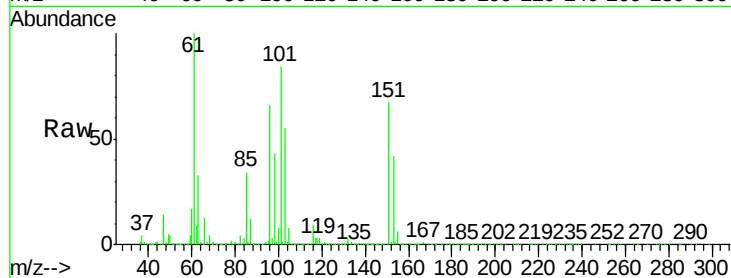
Tgt Ion:101 Resp: 245518

Ion Ratio Lower Upper

101 100

85 41.2 33.8 50.8

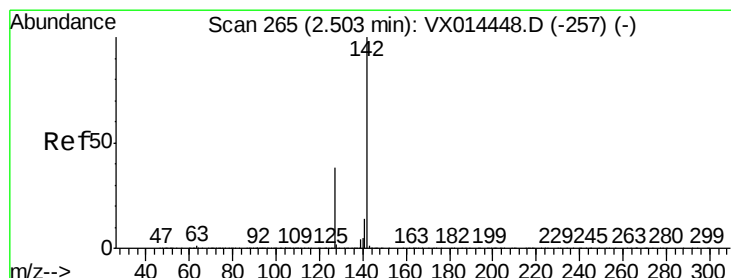
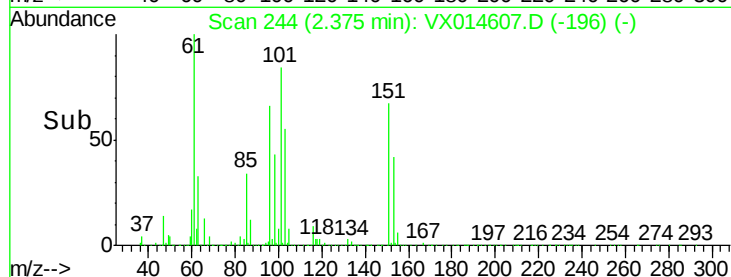
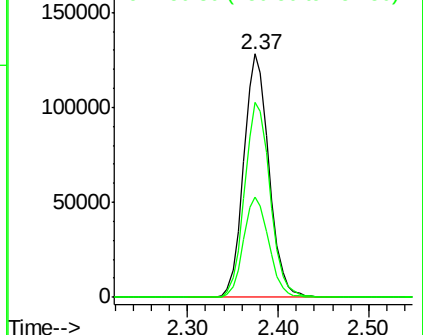
151 81.2 65.3 97.9



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: 58.668 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

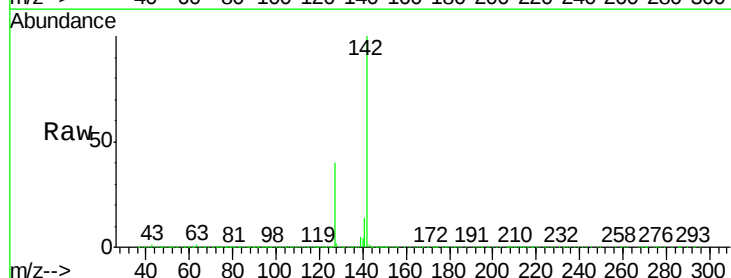
Tgt Ion:142 Resp: 327377

Ion Ratio Lower Upper

142 100

127 39.1 31.2 46.8

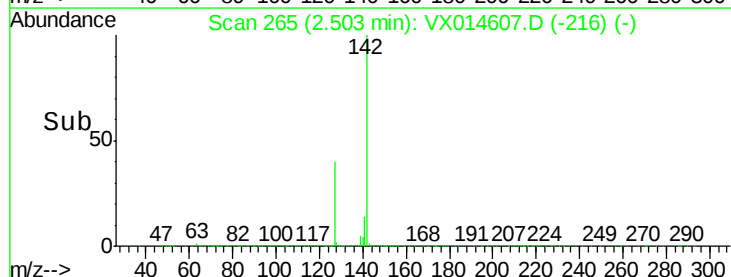
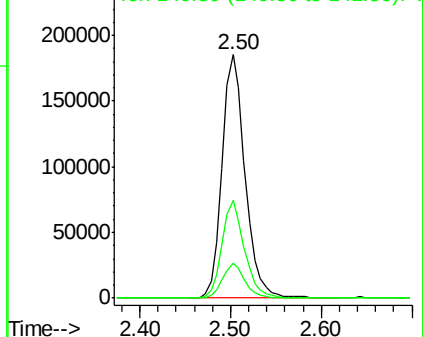
141 14.0 11.4 17.2

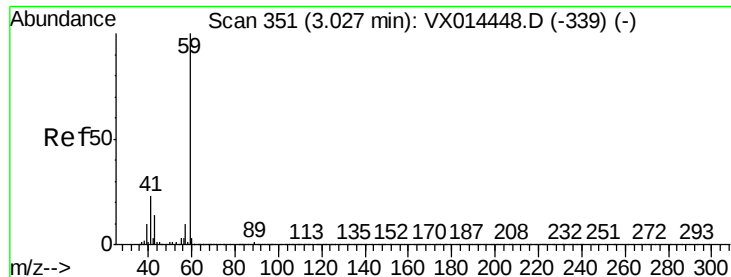


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

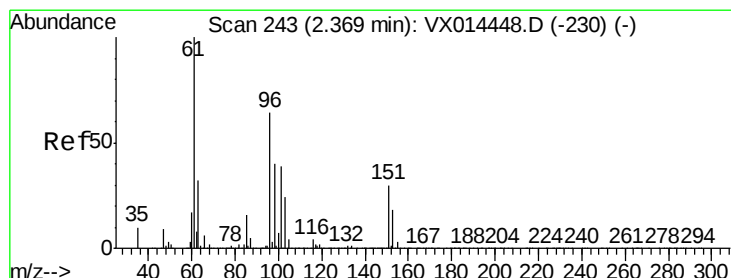
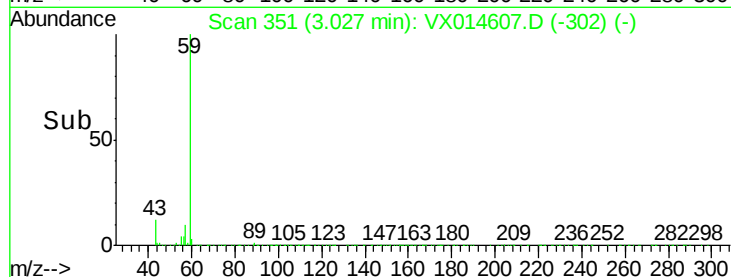
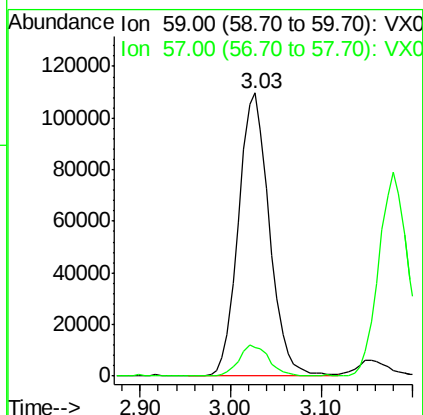
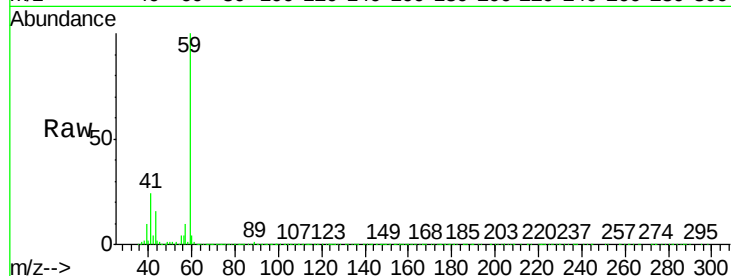




#11
Tert butyl alcohol
Concen: 232.222 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

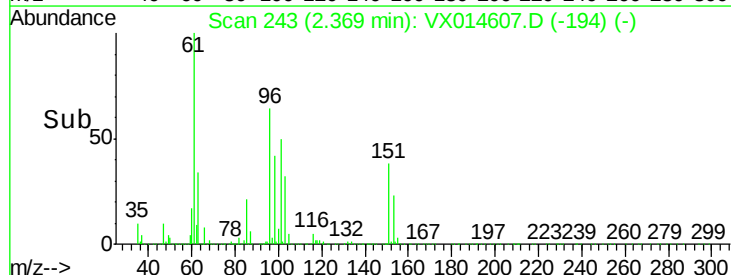
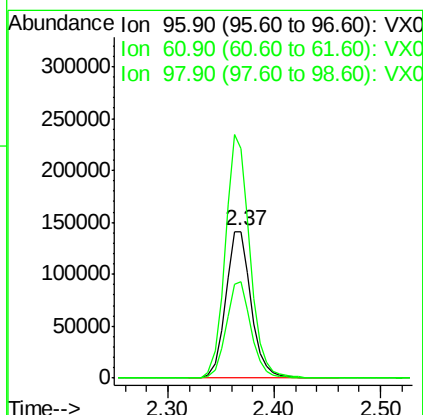
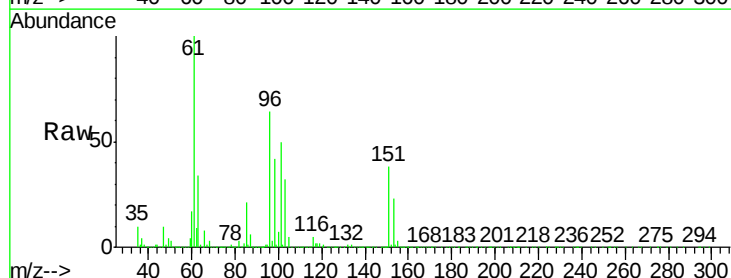
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

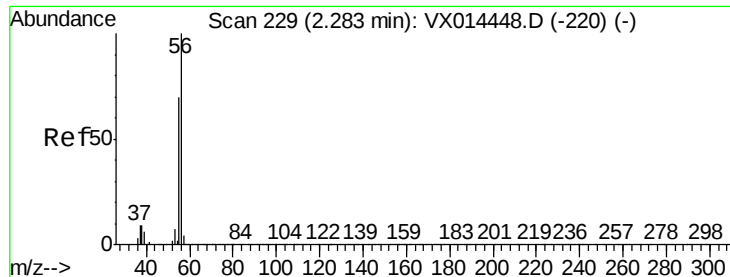
Tgt Ion: 59 Resp: 257326
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 50.102 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 96 Resp: 235244
Ion Ratio Lower Upper
96 100
61 156.7 125.0 187.6
98 65.8 50.2 75.2





#13

Acrolein

Concen: 257.305 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

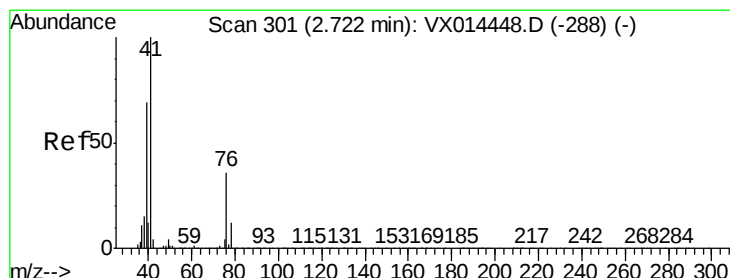
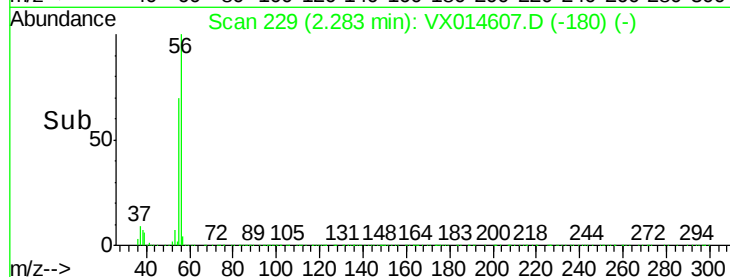
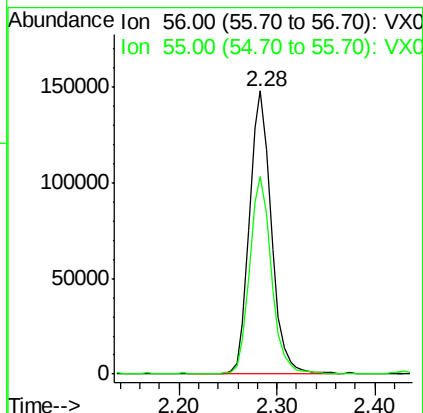
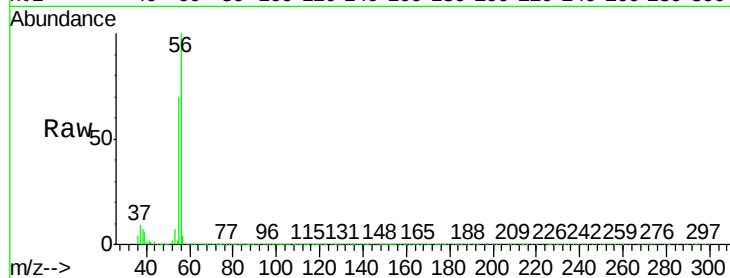
VSTDCCC050EC

Tgt Ion: 56 Resp: 228531

Ion Ratio Lower Upper

56 100

55 69.4 55.0 82.6



#14

Allyl chloride

Concen: 52.141 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

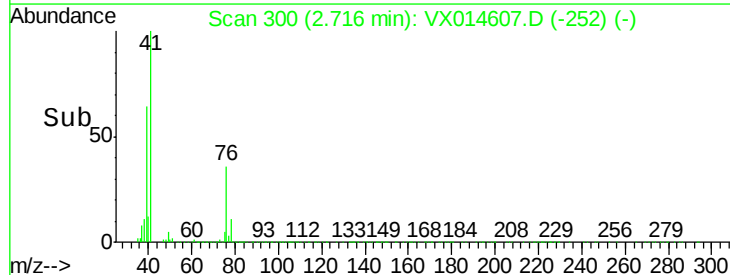
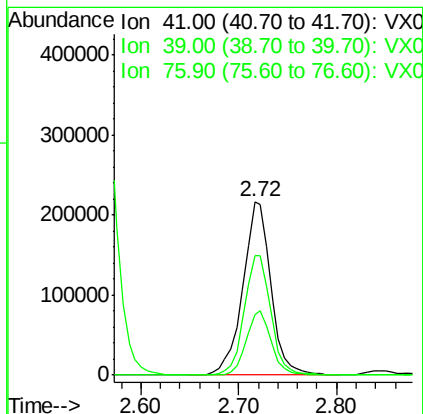
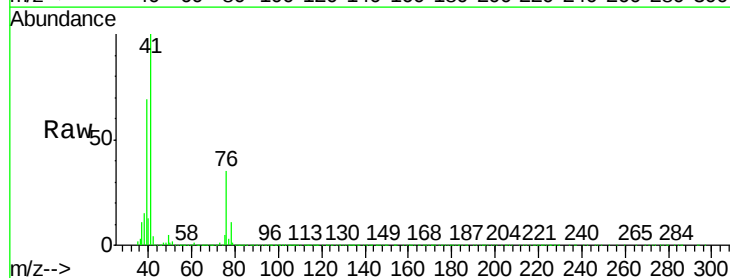
Tgt Ion: 41 Resp: 429819

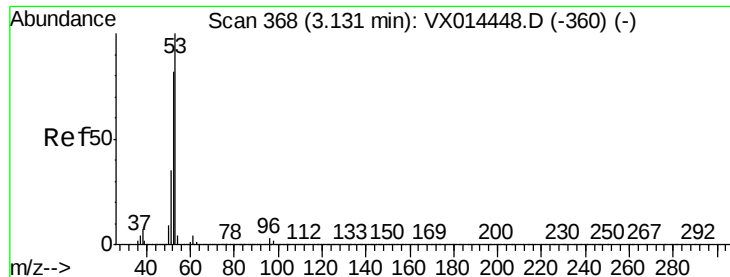
Ion Ratio Lower Upper

41 100

39 64.8 51.7 77.5

76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 260.180 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

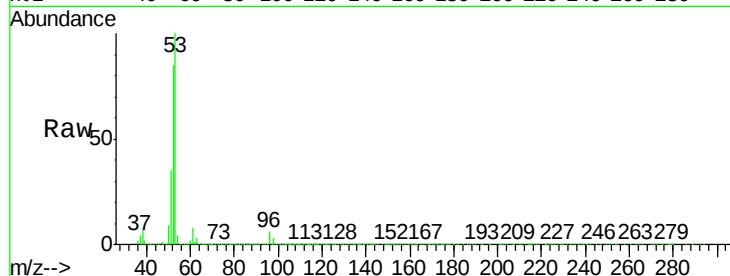
Tgt Ion: 53 Resp: 695834

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

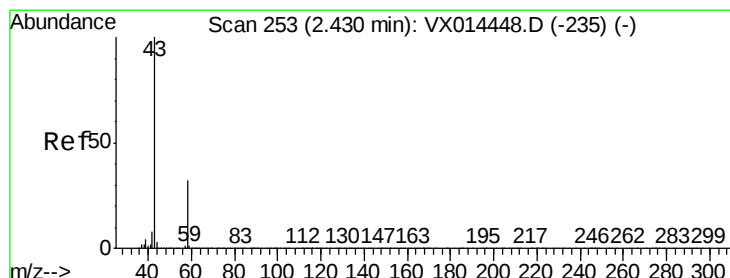
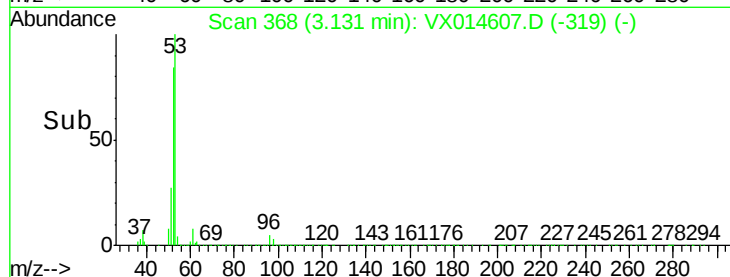
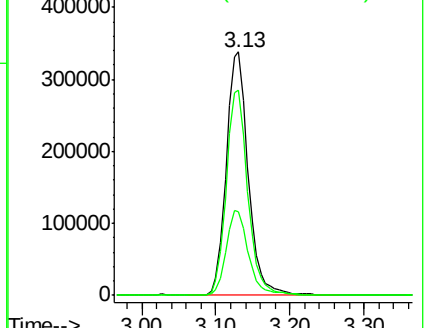
51 35.7 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.818 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014607.D

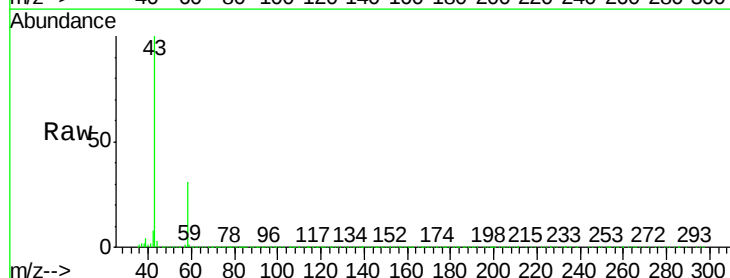
Acq: 14 Jan 2020 16:59

Tgt Ion: 43 Resp: 643832

Ion Ratio Lower Upper

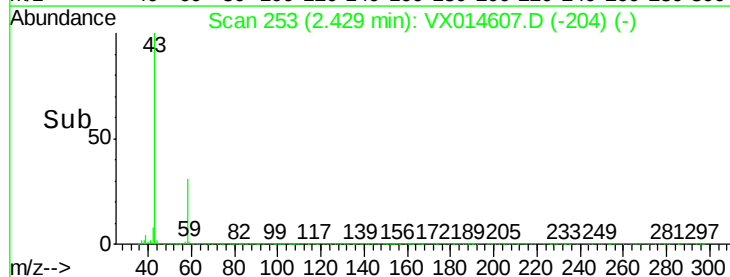
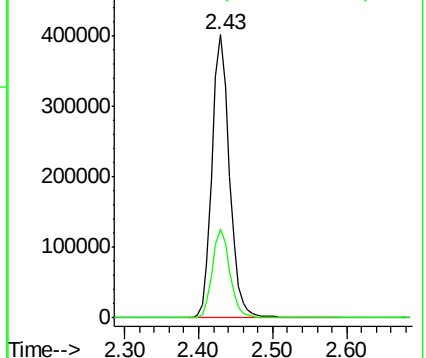
43 100

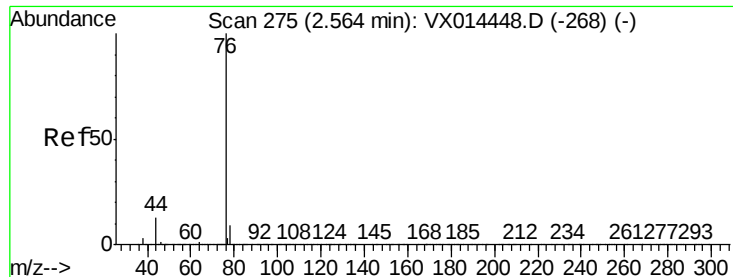
58 31.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.622 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

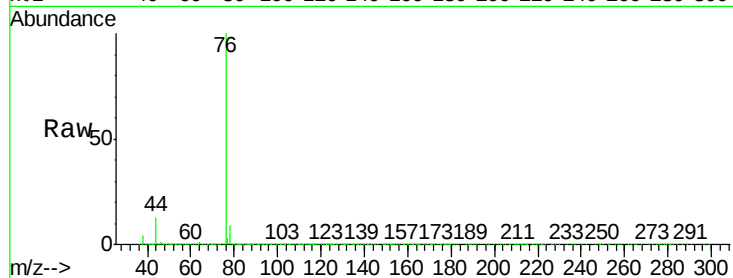
VSTDCCC050EC

Tgt Ion: 76 Resp: 623902

Ion Ratio Lower Upper

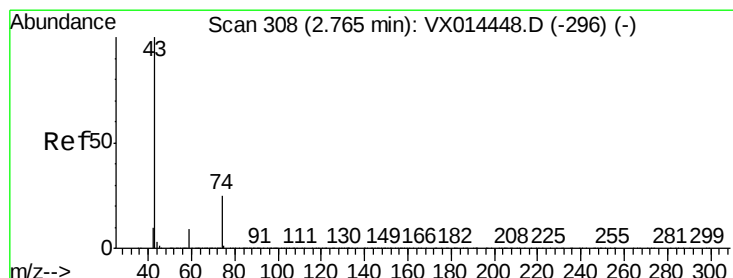
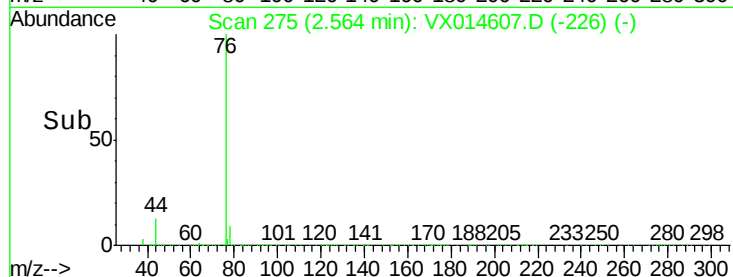
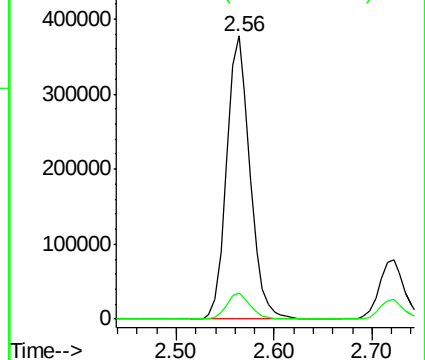
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.724 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014607.D

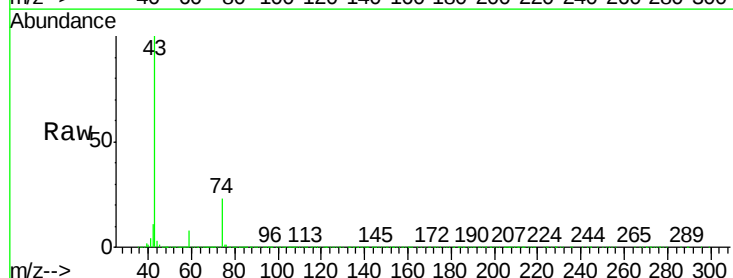
Acq: 14 Jan 2020 16:59

Tgt Ion: 43 Resp: 417418

Ion Ratio Lower Upper

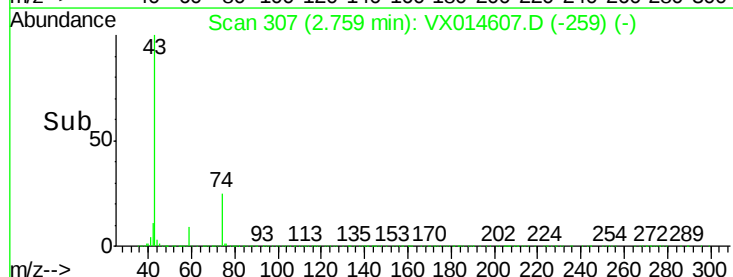
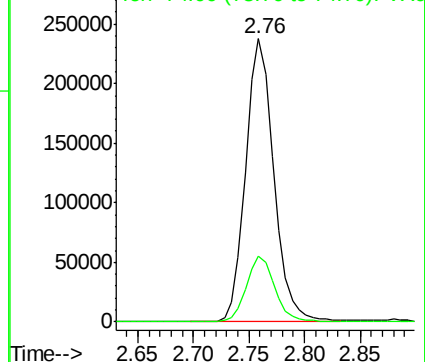
43 100

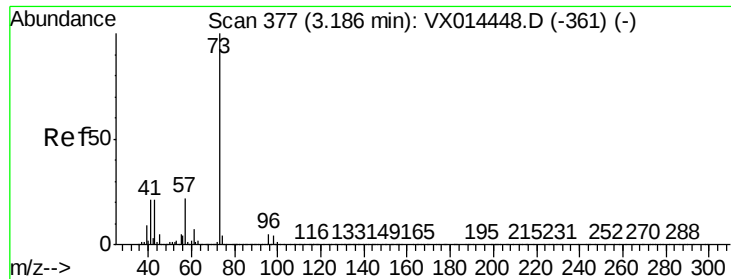
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



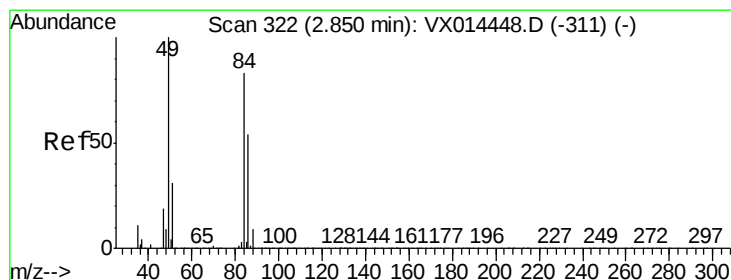
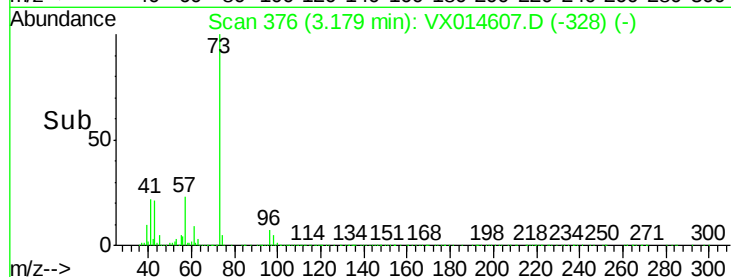
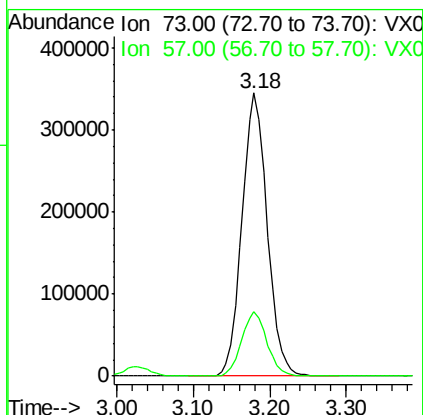
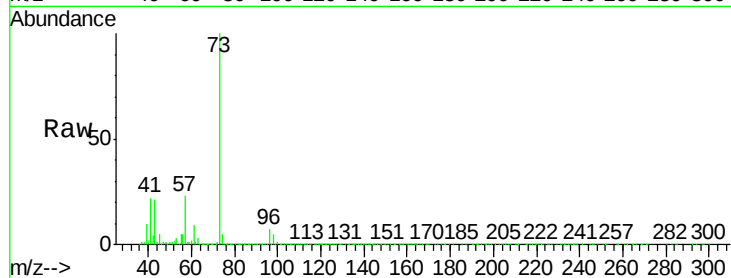


#19

Methyl tert-butyl Ether
 Concen: 52.337 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

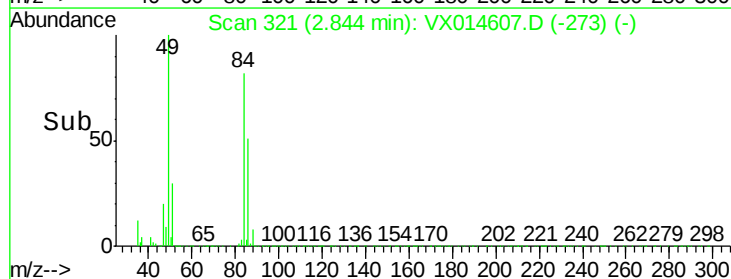
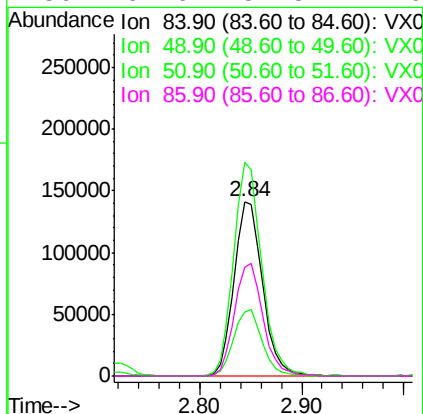
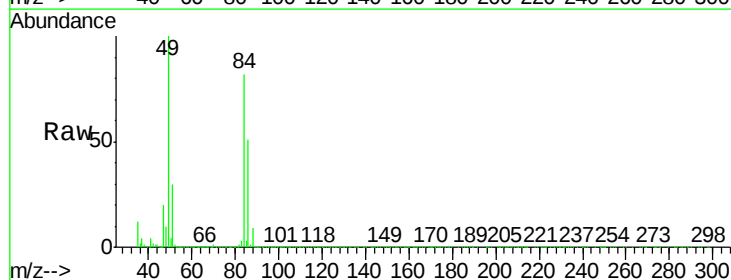
Tgt Ion: 73 Resp: 788853
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.8 26.8

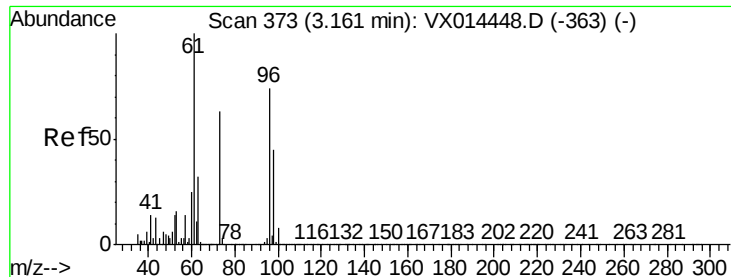


#20

Methylene Chloride
 Concen: 50.813 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion: 84 Resp: 271286
 Ion Ratio Lower Upper
 84 100
 49 122.3 95.8 143.8
 51 36.5 30.2 45.4
 86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.827 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

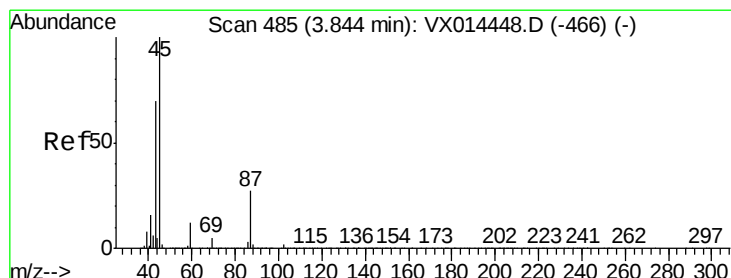
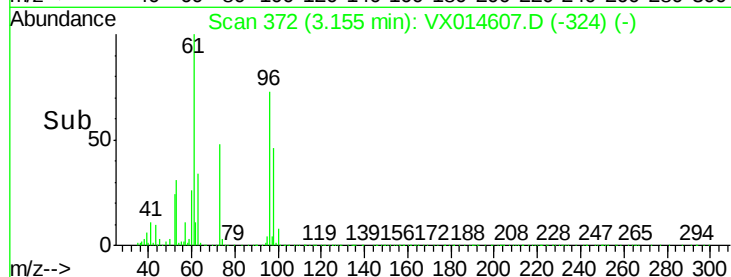
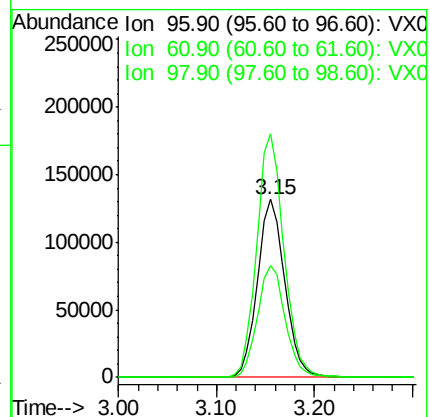
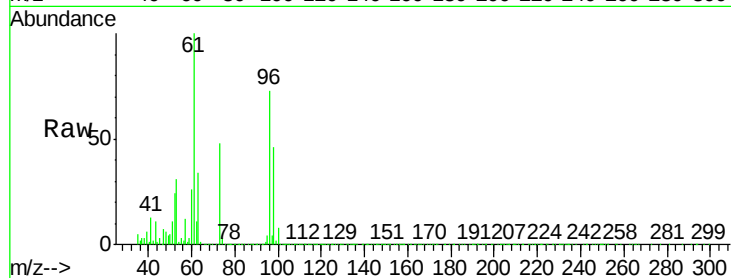
Tgt Ion: 96 Resp: 255408

Ion Ratio Lower Upper

96 100

61 136.7 108.2 162.4

98 62.6 48.8 73.2



#22

Diisopropyl ether

Concen: 54.673 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion: 45 Resp: 870977

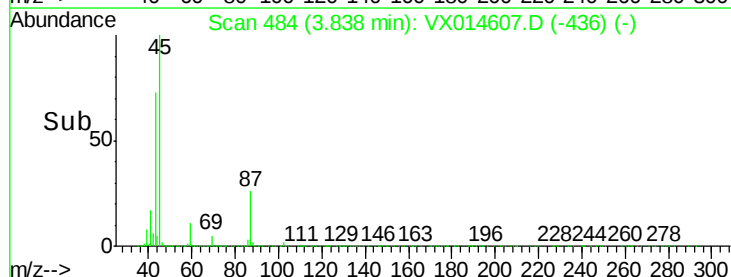
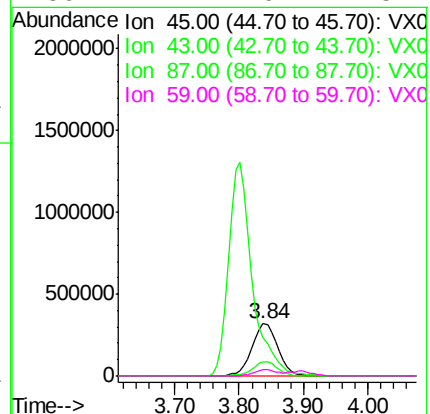
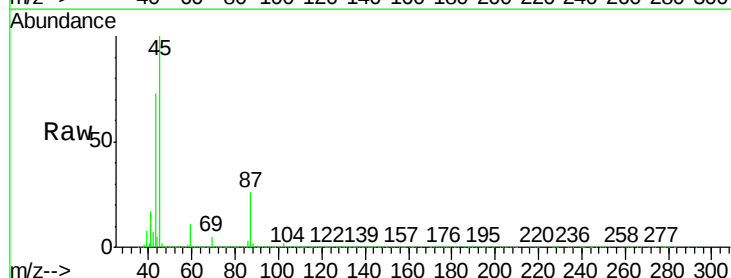
Ion Ratio Lower Upper

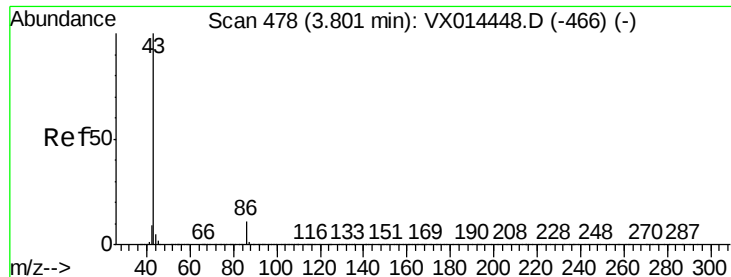
45 100

43 73.1 55.8 83.6

87 26.2 21.8 32.8

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 275.097 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

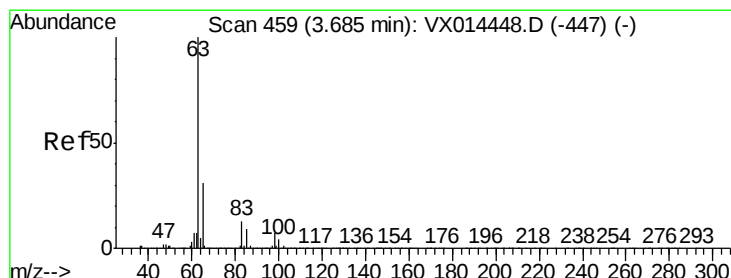
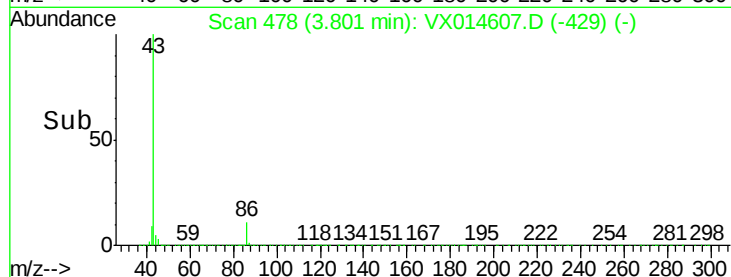
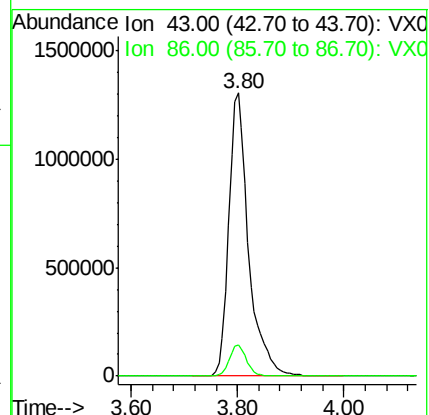
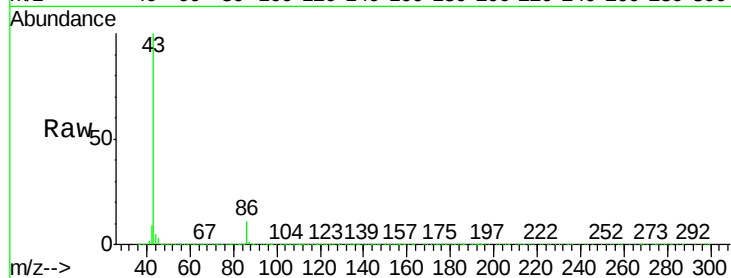
VSTDCCC050EC

Tgt Ion: 43 Resp: 3392965

Ion Ratio Lower Upper

43 100

86 11.1 8.4 12.6



#24

1,1-Dichloroethane

Concen: 53.207 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

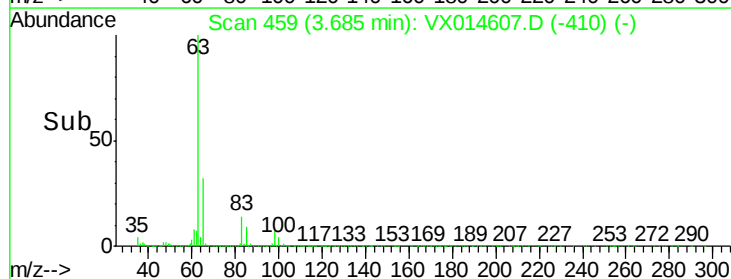
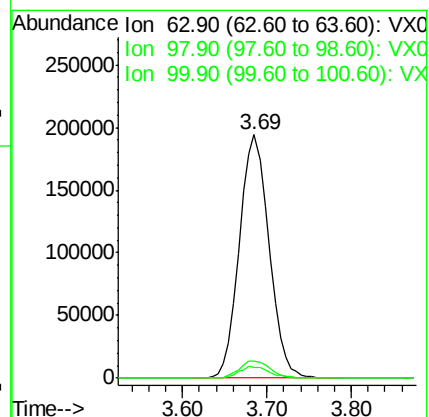
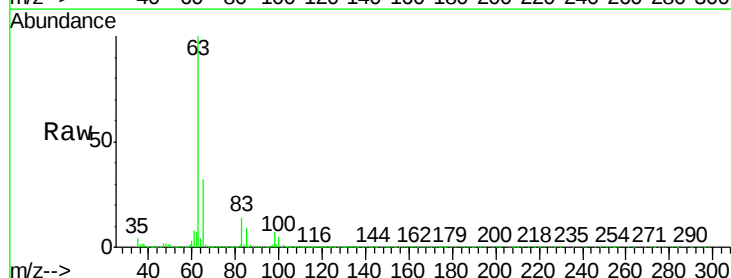
Tgt Ion: 63 Resp: 461100

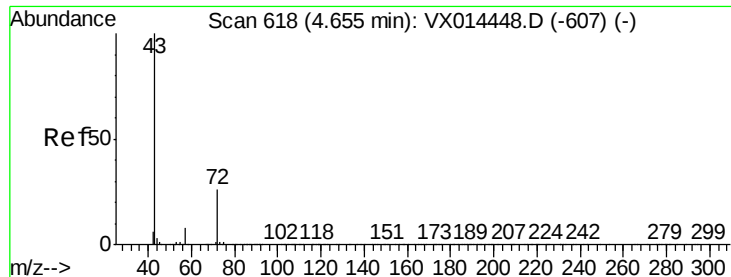
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 244.918 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

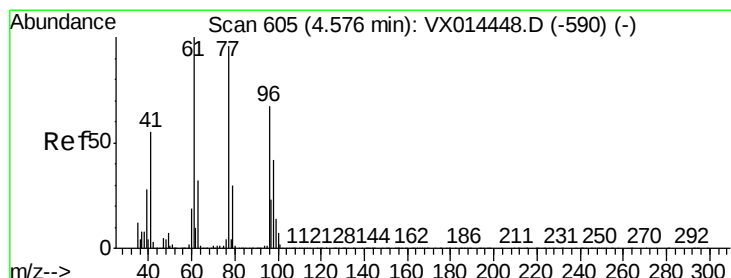
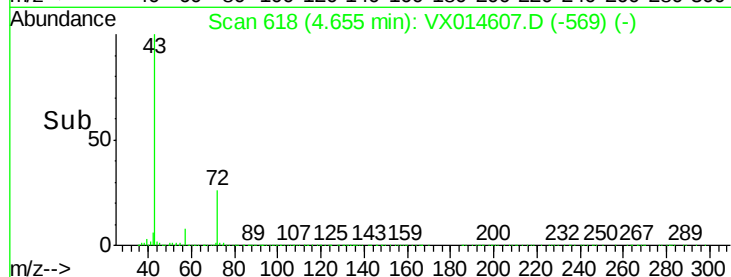
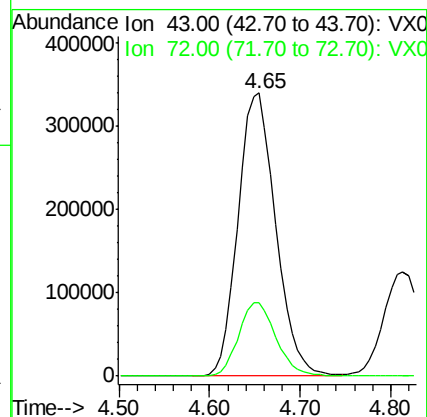
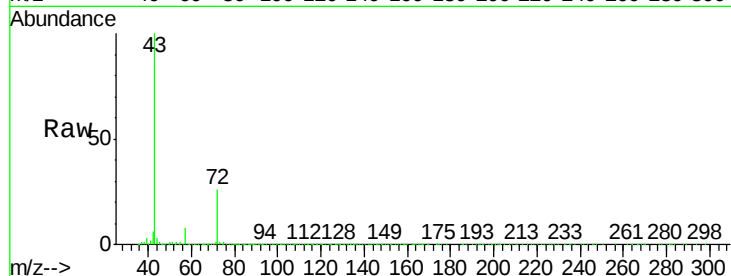
VSTDCCC050EC

Tgt Ion: 43 Resp: 970911

Ion Ratio Lower Upper

43 100

72 26.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 50.704 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014607.D

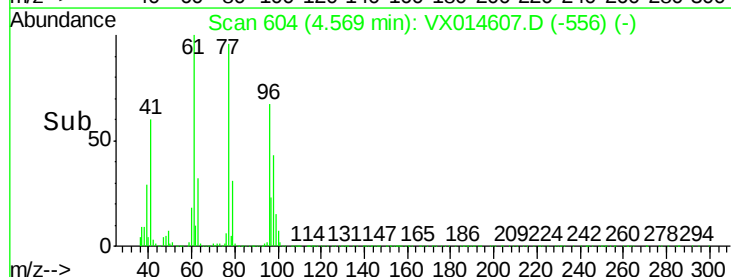
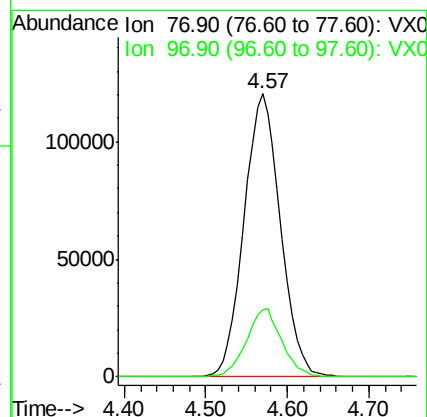
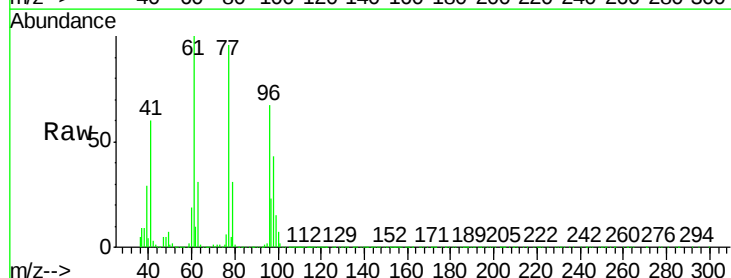
Acq: 14 Jan 2020 16:59

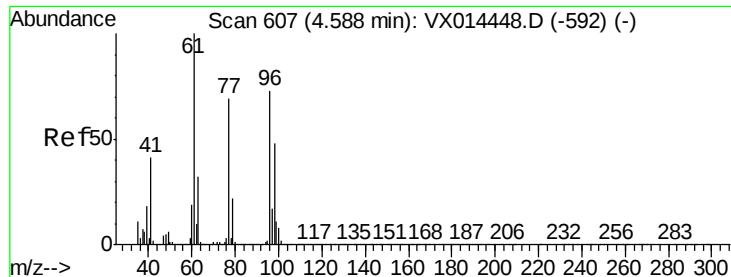
Tgt Ion: 77 Resp: 372231

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



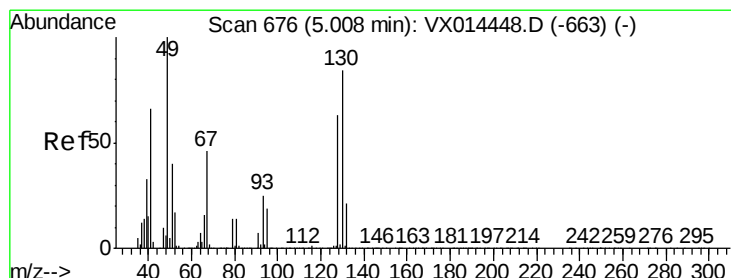
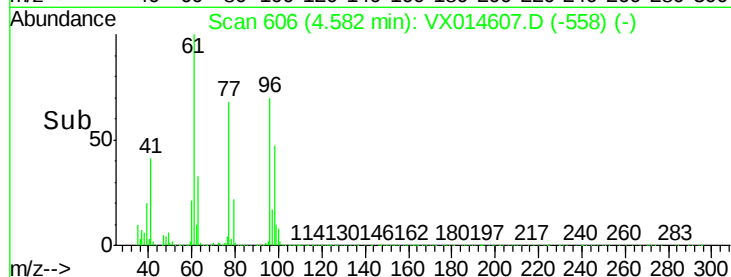
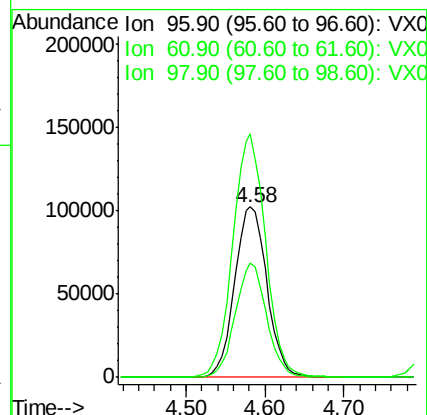
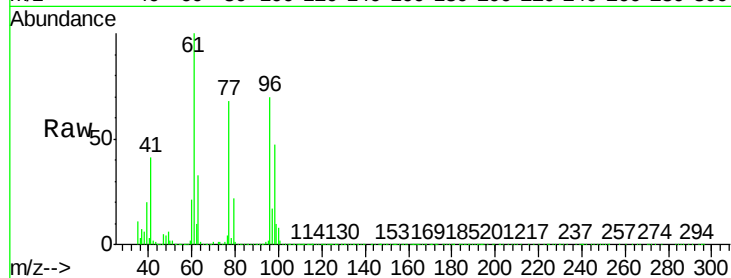


#27

cis-1,2-Dichloroethene
Concen: 50.614 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

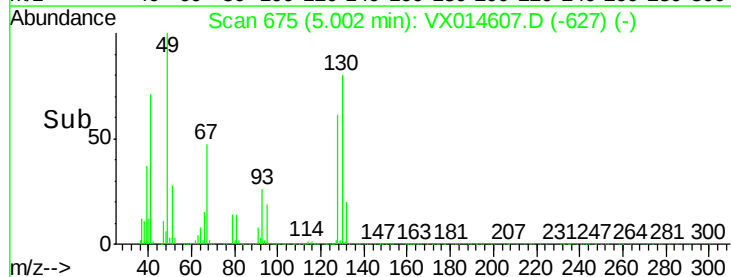
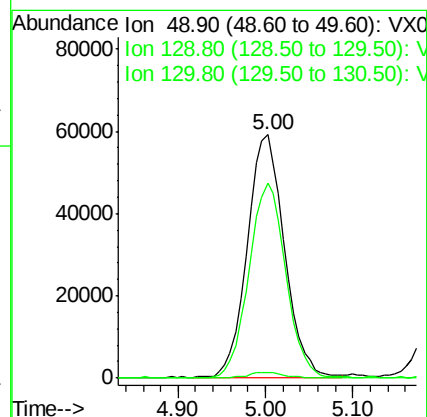
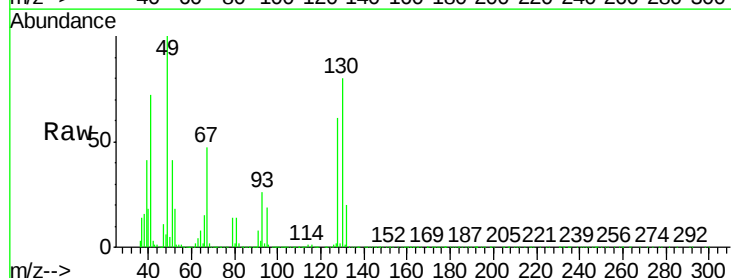
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	285.4
98	64.5	0.0	130.6

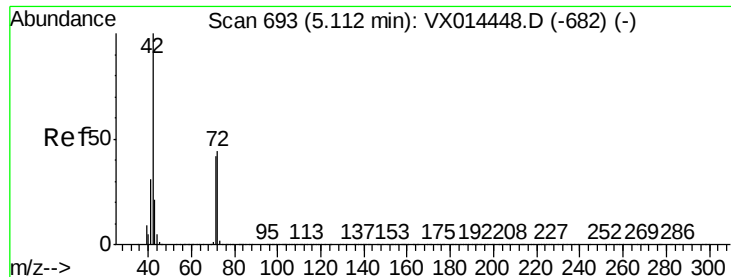


#28

Bromochloromethane
Concen: 47.802 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.2	67.0	100.4





#29

Tetrahydrofuran

Concen: 264.179 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

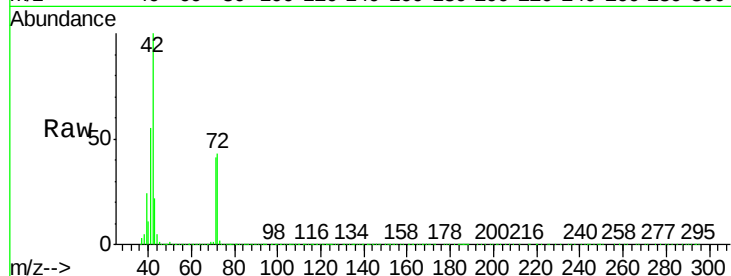
Tgt Ion: 42 Resp: 619185

Ion Ratio Lower Upper

42 100

72 44.4 36.2 54.4

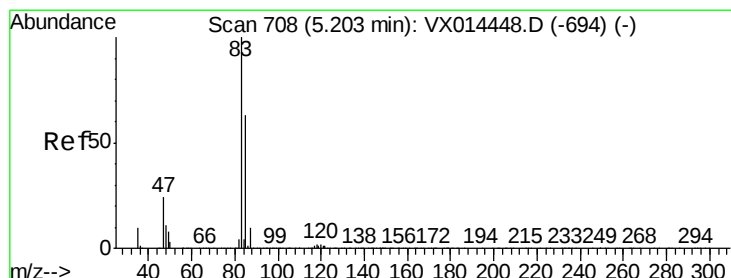
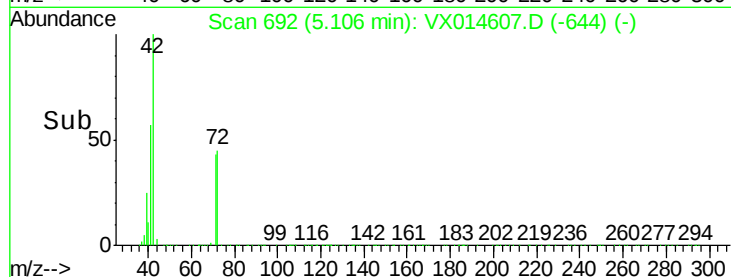
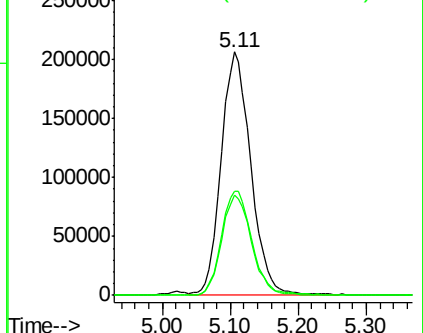
71 41.3 34.1 51.1



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: 54.010 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014607.D

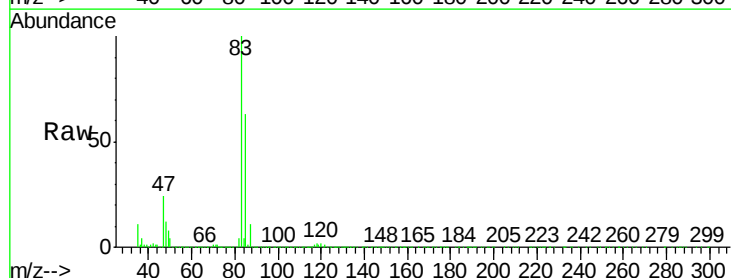
Acq: 14 Jan 2020 16:59

Tgt Ion: 83 Resp: 457371

Ion Ratio Lower Upper

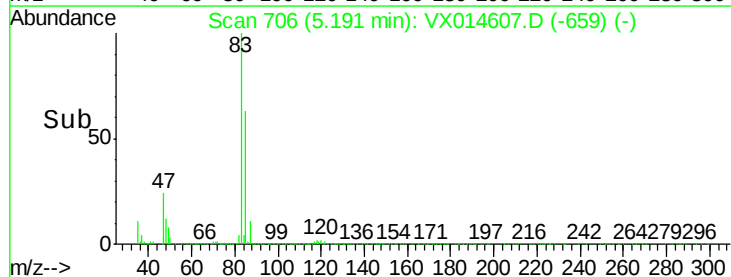
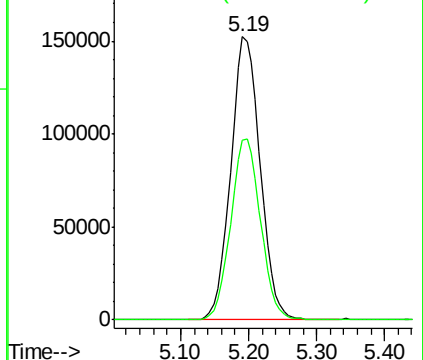
83 100

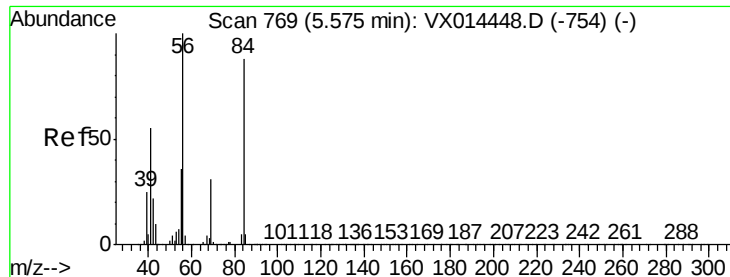
85 63.3 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

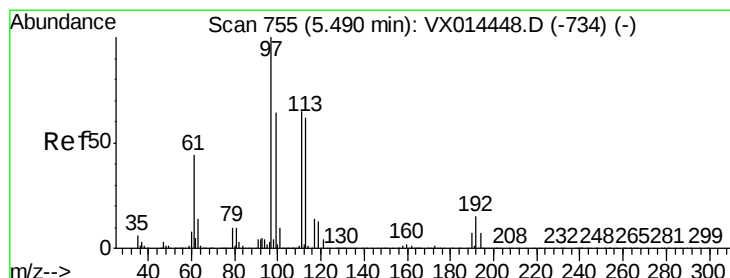
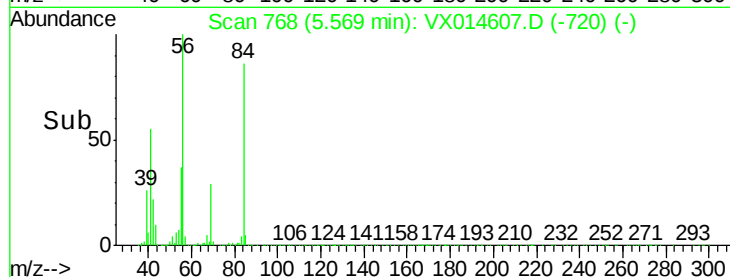
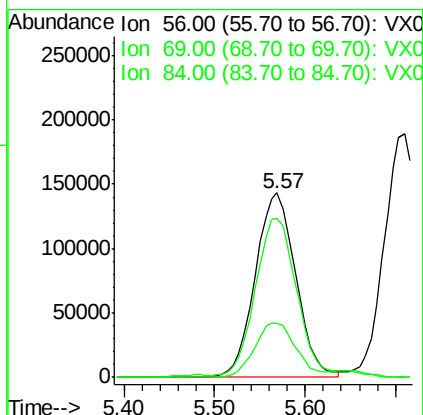
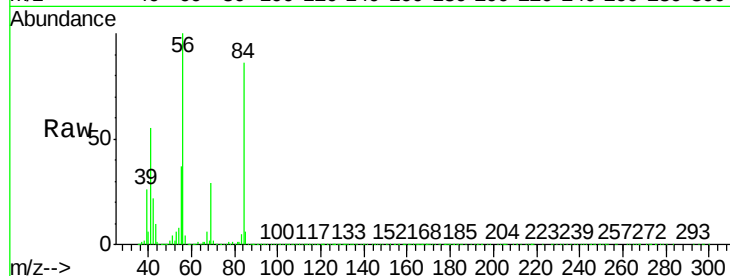




#31
Cyclohexane
Concen: 54.242 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

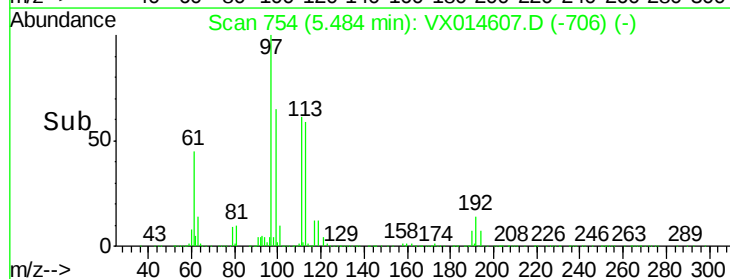
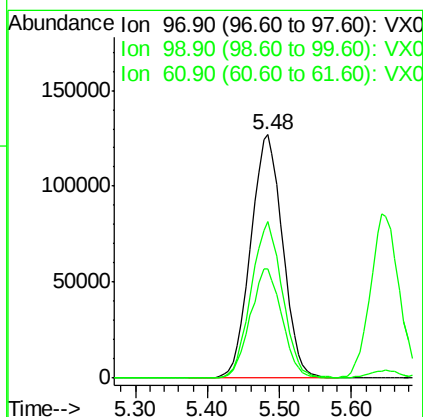
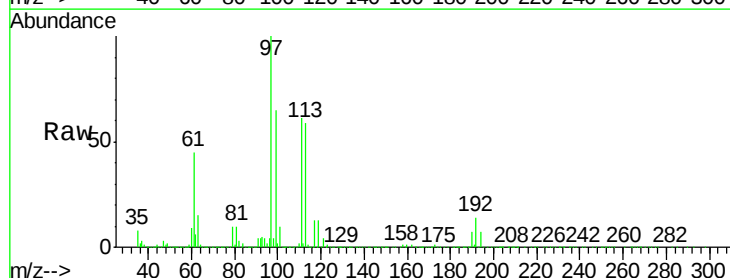
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

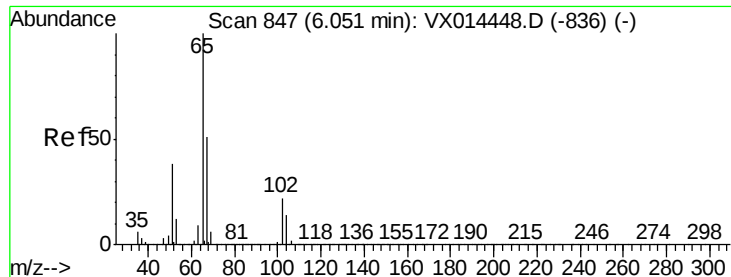
Tgt Ion: 56 Resp: 439993
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 85.0 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 53.774 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 97 Resp: 389795
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 44.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.760 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

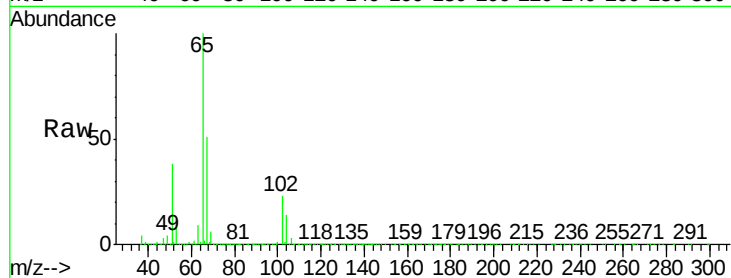
VSTDCCC050EC

Tgt Ion: 65 Resp: 253464

Ion Ratio Lower Upper

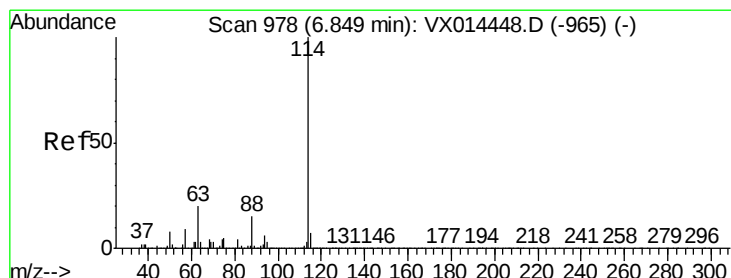
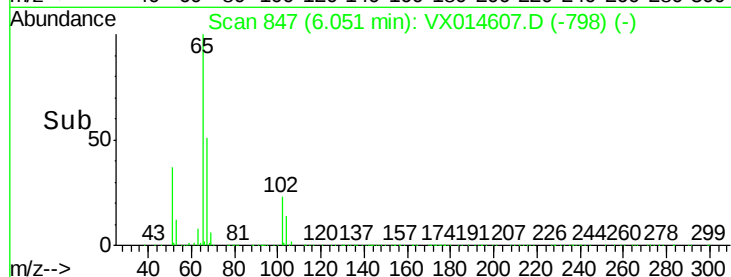
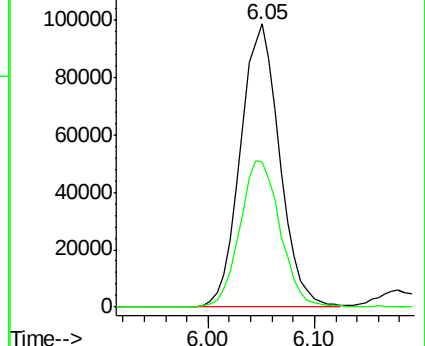
65 100

67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

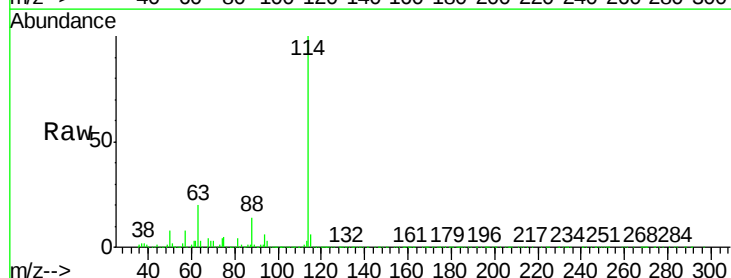
Tgt Ion: 114 Resp: 707155

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

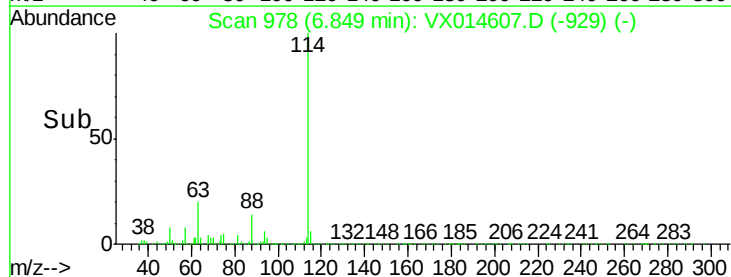
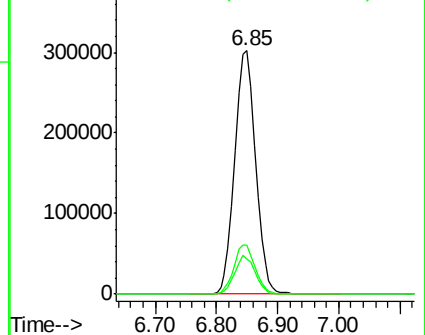
88 14.3 0.0 30.8

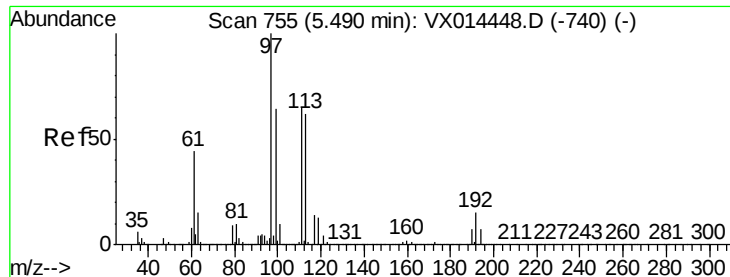


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.166 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

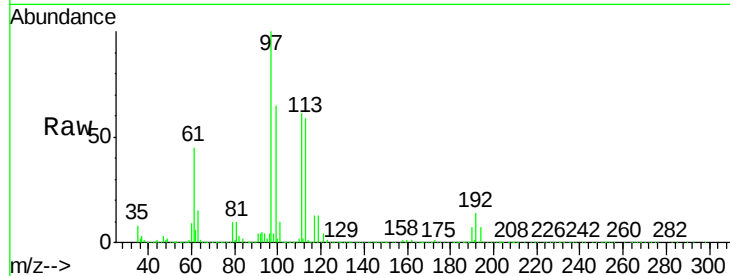
Tgt Ion: 113 Resp: 210466

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

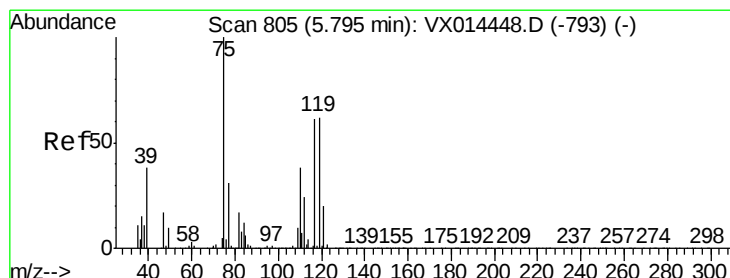
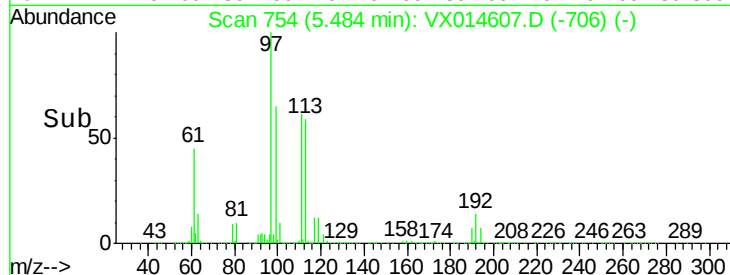
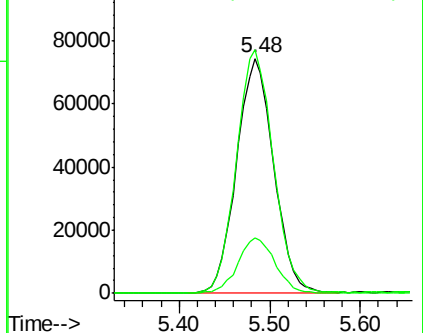
192 23.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.541 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

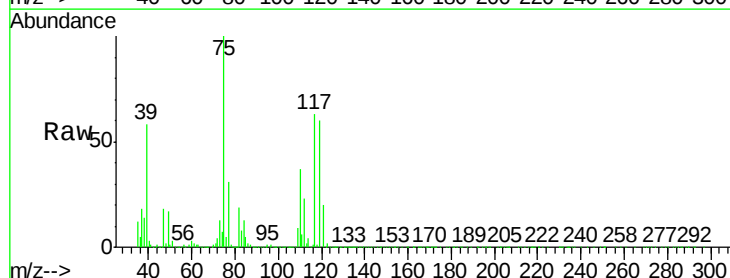
Tgt Ion: 75 Resp: 349402

Ion Ratio Lower Upper

75 100

110 36.7 18.6 55.8

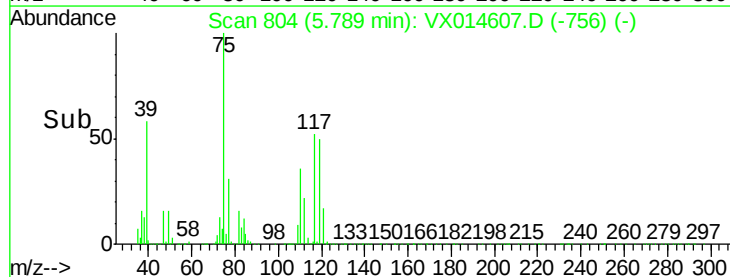
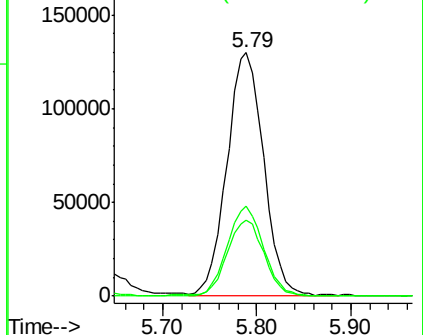
77 30.8 24.5 36.7

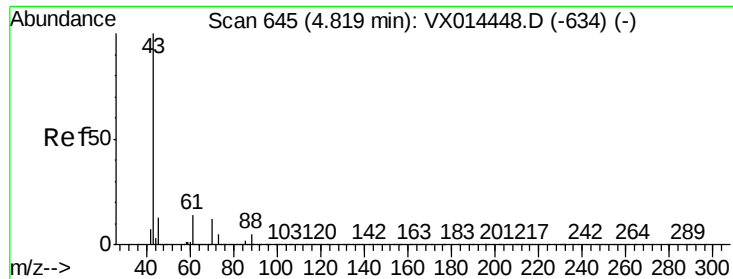


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

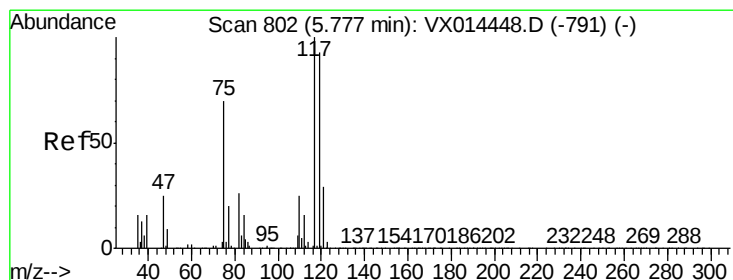
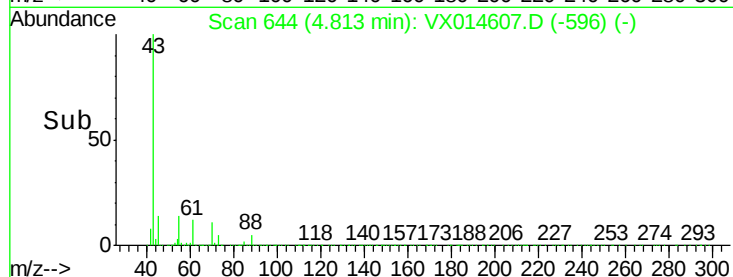
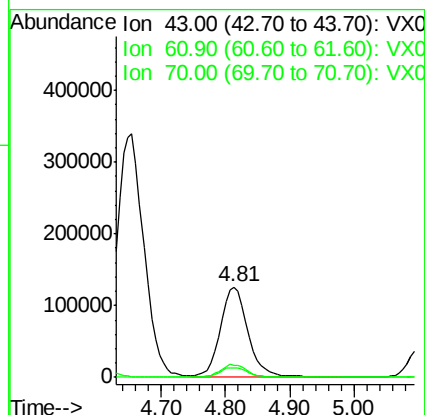
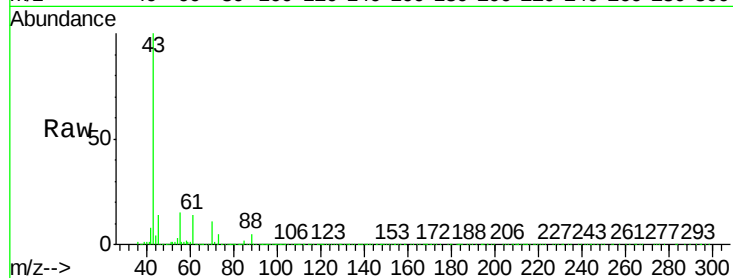




#37
Ethyl Acetate
Concen: 52.098 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

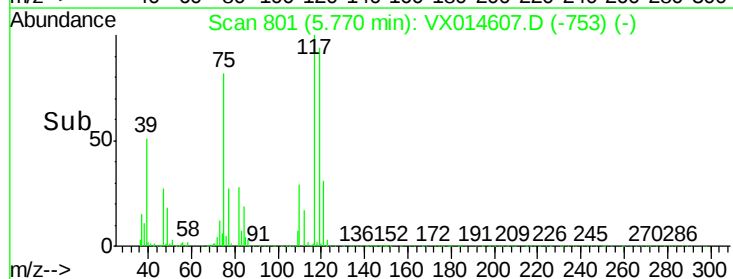
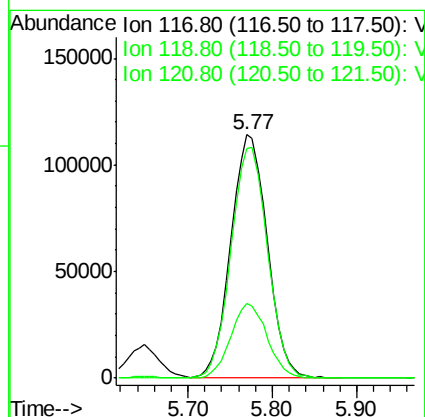
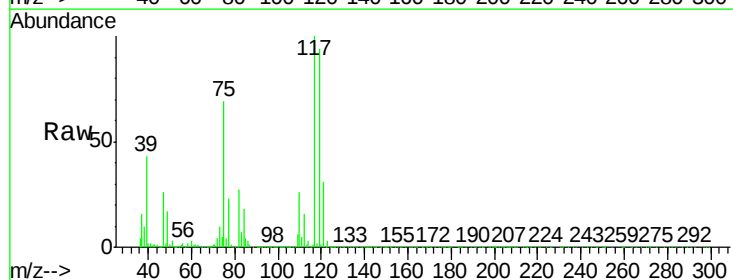
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

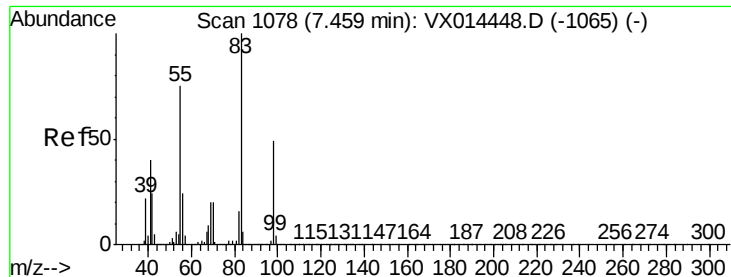
Tgt Ion: 43 Resp: 376326
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 54.632 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 117 Resp: 334331
Ion Ratio Lower Upper
117 100
119 94.1 73.8 110.8
121 30.7 23.4 35.0

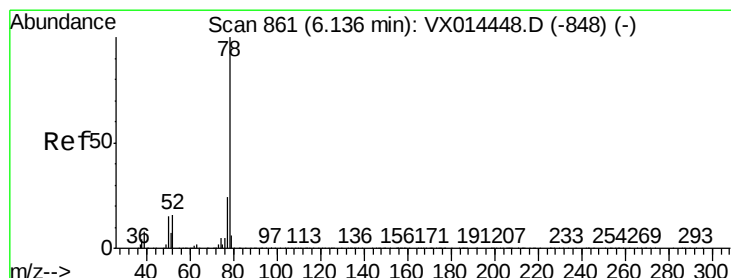
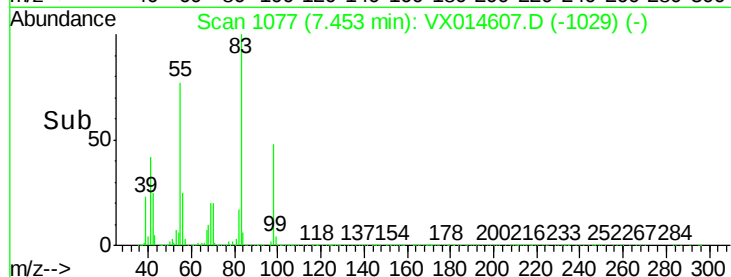
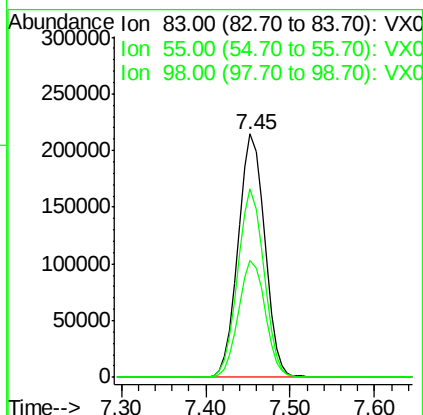
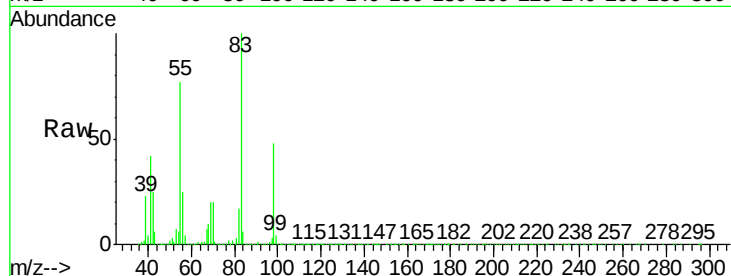




#39
Methylcyclohexane
Concen: 54.600 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

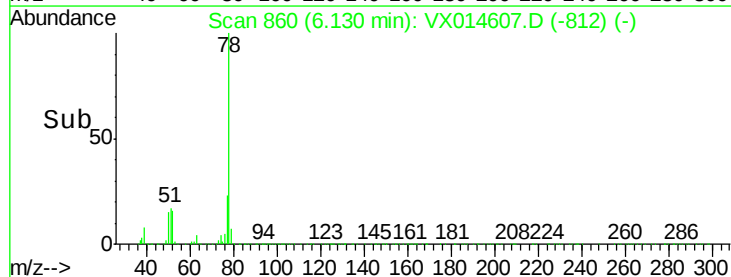
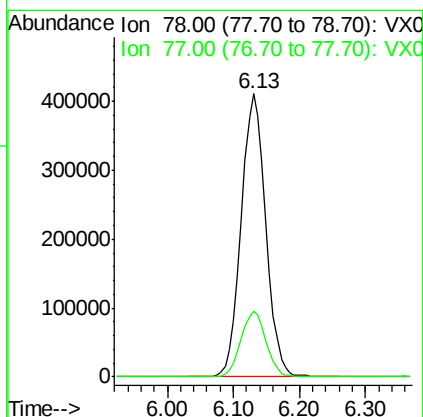
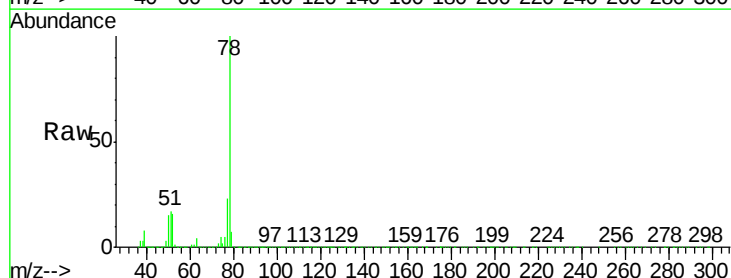
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

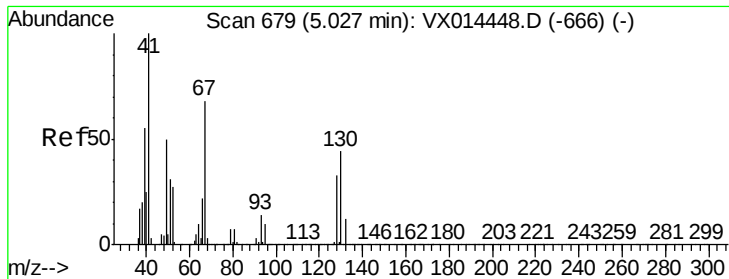
Tgt Ion: 83 Resp: 456173
Ion Ratio Lower Upper
83 100
55 77.3 59.7 89.5
98 48.0 39.1 58.7



#40
Benzene
Concen: 53.720 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 78 Resp: 1060296
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3





#41

Methacrylonitrile

Concen: 54.651 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 210519

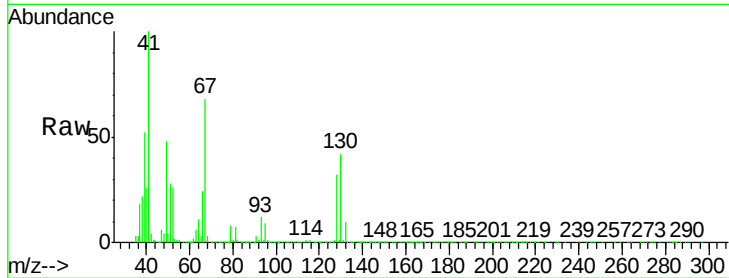
Ion Ratio Lower Upper

41 100

39 53.9 43.6 65.4

67 71.8 57.9 86.9

52 28.6 23.0 34.6

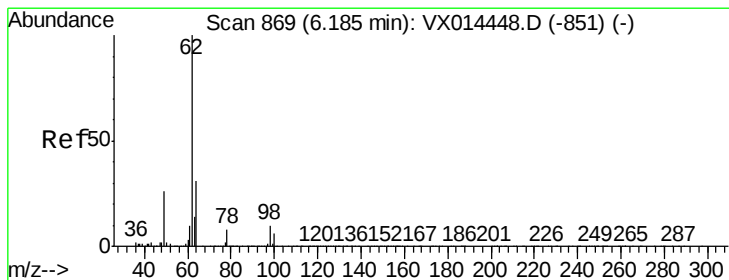
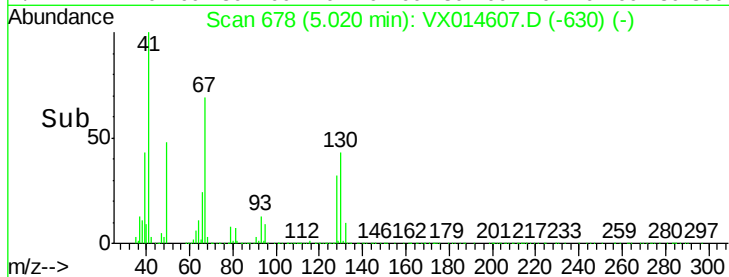
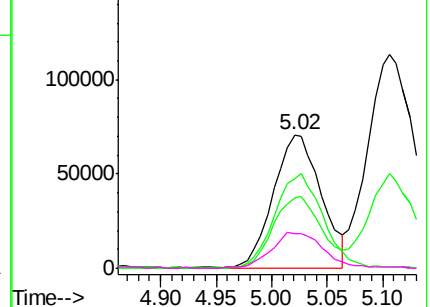


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.703 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014607.D

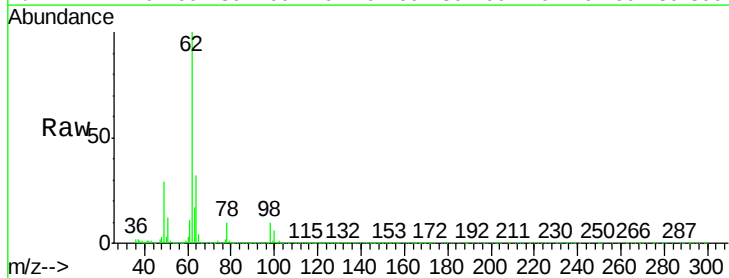
Acq: 14 Jan 2020 16:59

Tgt Ion: 62 Resp: 363708

Ion Ratio Lower Upper

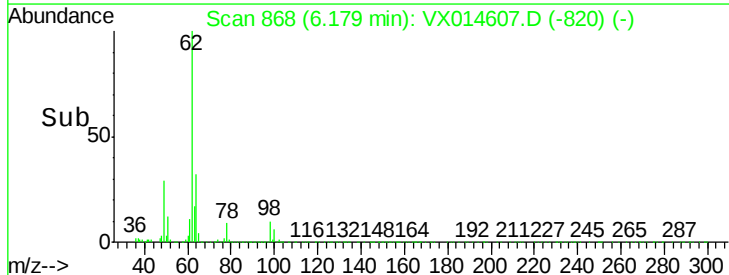
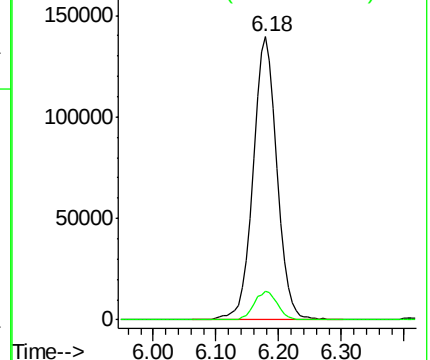
62 100

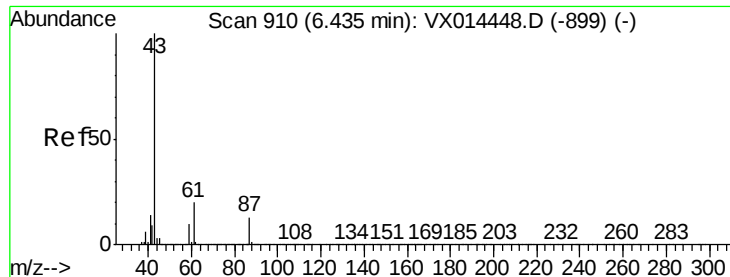
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.170 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

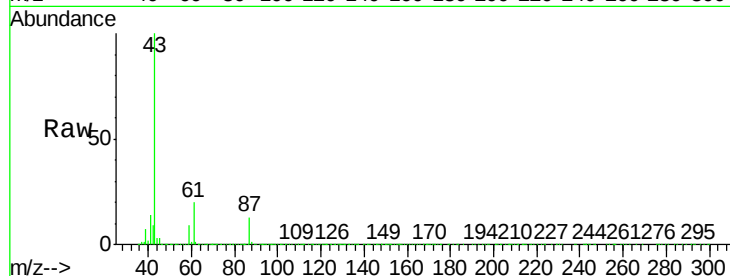
Tgt Ion: 43 Resp: 620435

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

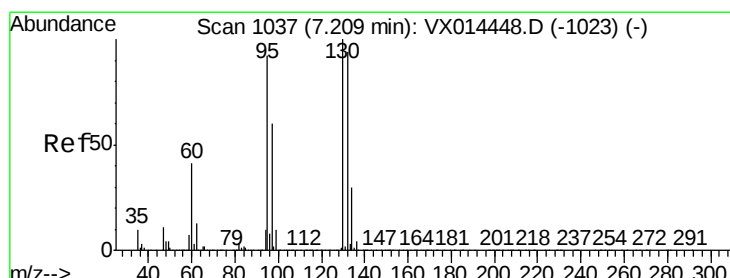
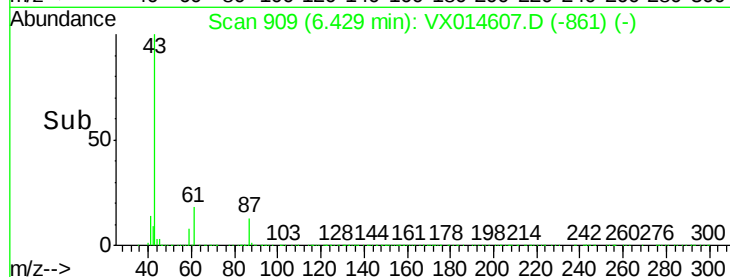
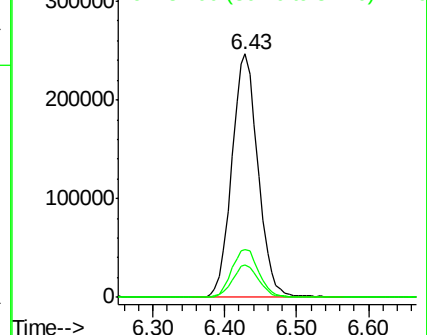
87 13.3 10.8 16.2



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: 51.756 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014607.D

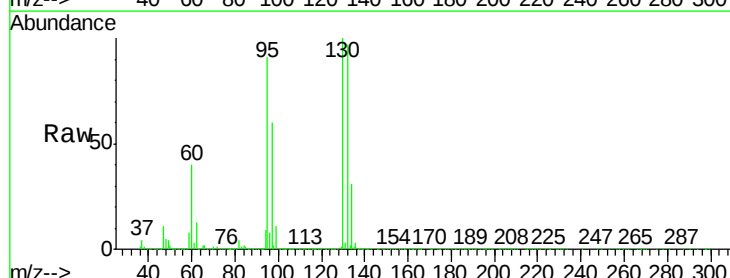
Acq: 14 Jan 2020 16:59

Tgt Ion: 130 Resp: 293568

Ion Ratio Lower Upper

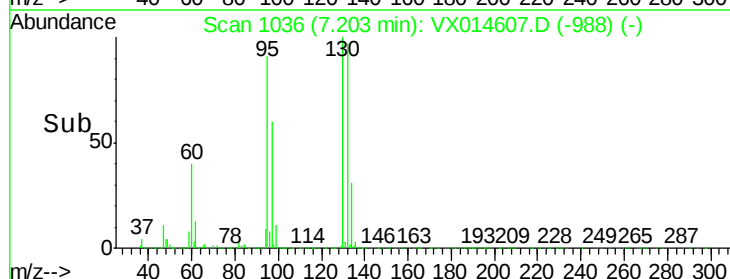
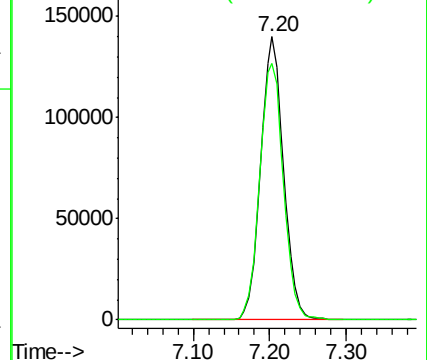
130 100

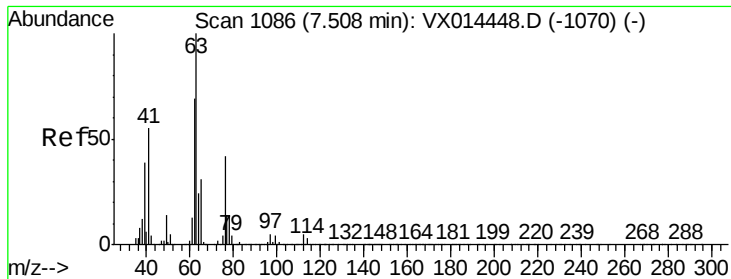
95 90.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

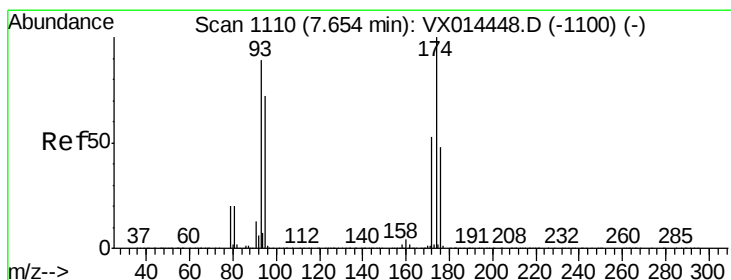
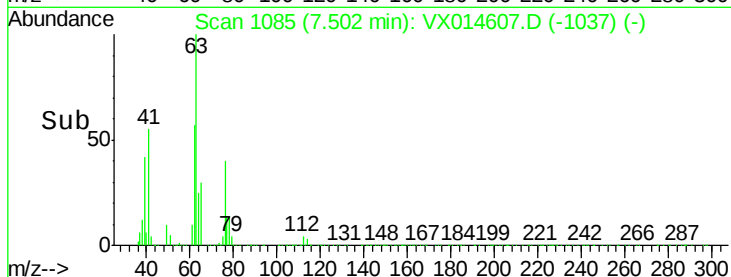
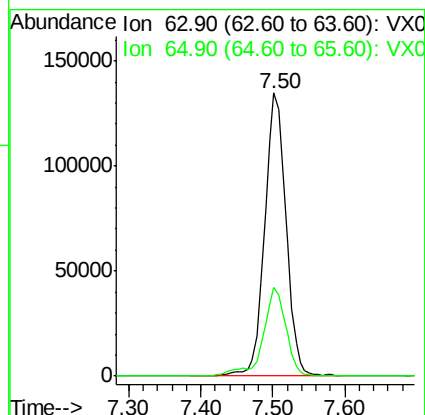
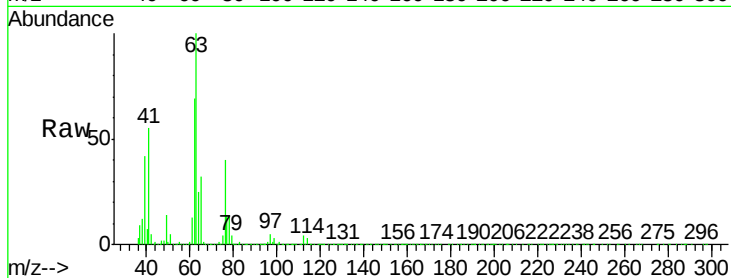




#45
 1,2-Dichloropropane
 Concen: 55.509 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

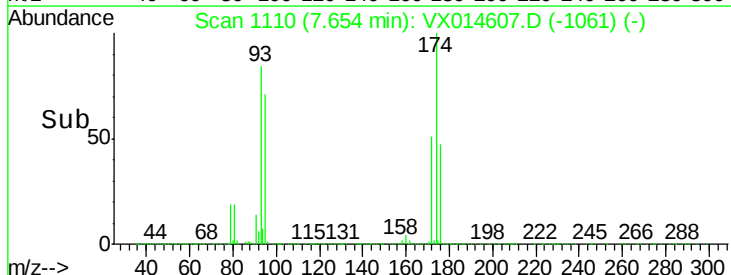
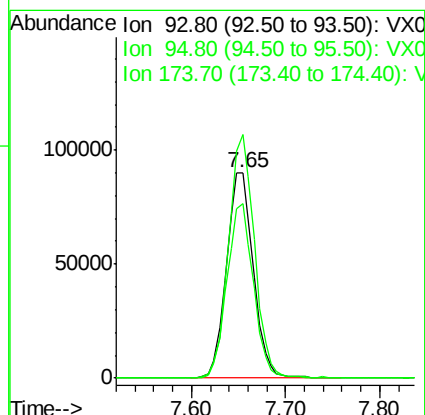
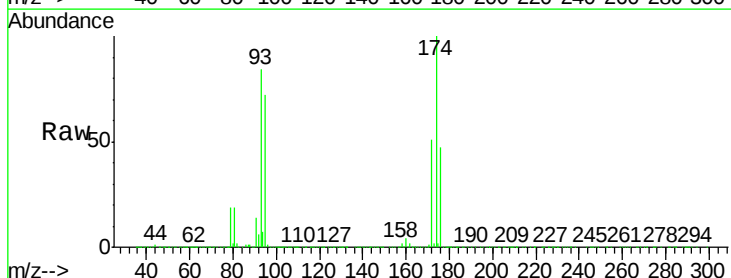
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

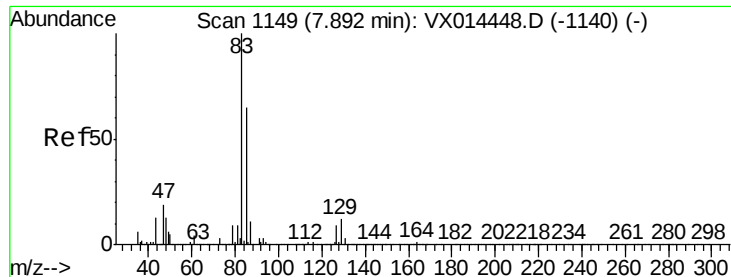
Tgt Ion: 63 Resp: 279323
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 50.353 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion: 93 Resp: 176848
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.4 98.2
 174 115.2 93.0 139.4





#47

Bromodichloromethane

Concen: 55.626 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

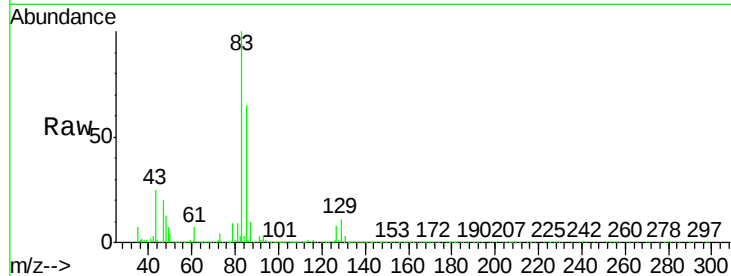
Tgt Ion: 83 Resp: 355495

Ion Ratio Lower Upper

83 100

85 64.5 51.7 77.5

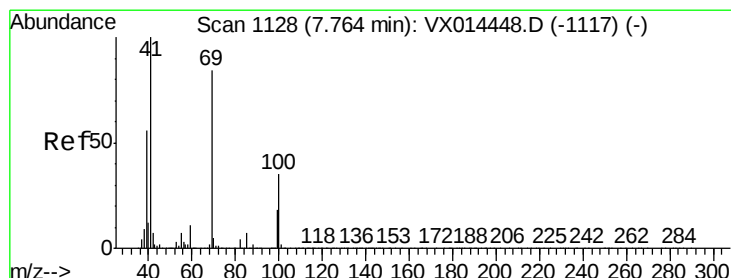
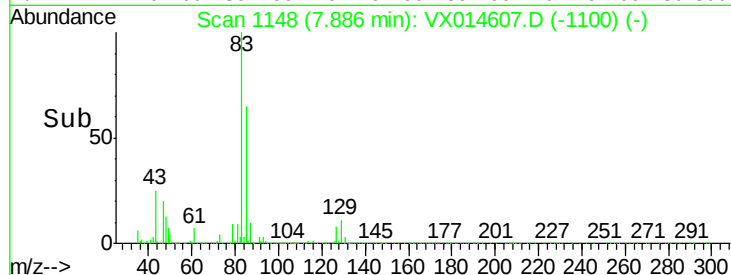
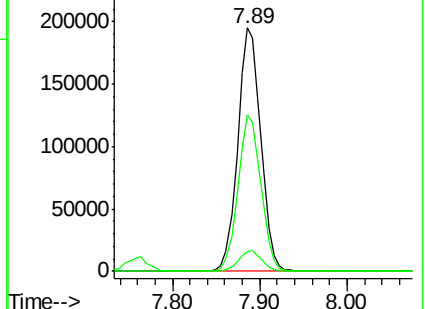
127 8.2 7.1 10.7



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: 54.609 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

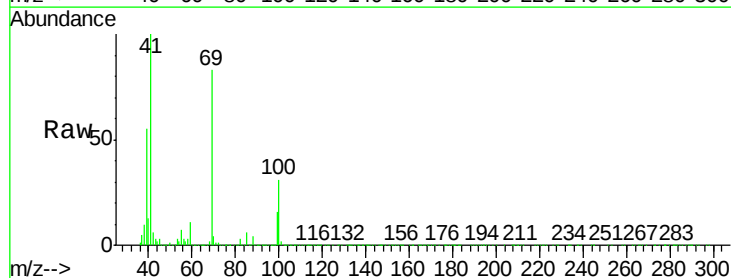
Tgt Ion: 41 Resp: 305199

Ion Ratio Lower Upper

41 100

69 83.6 65.5 98.3

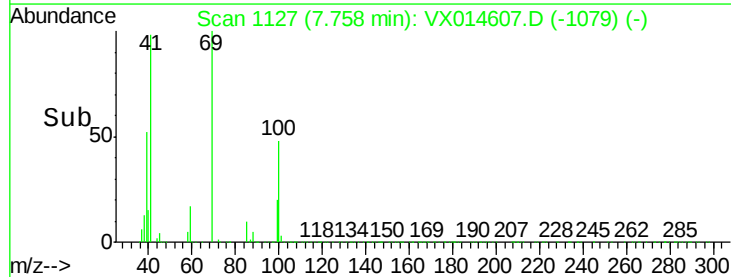
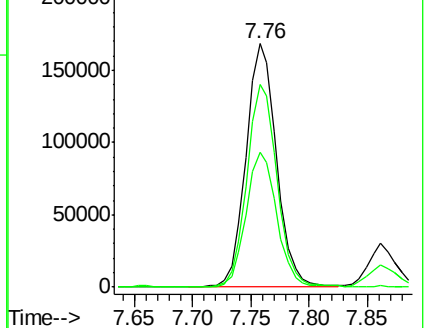
39 56.1 43.9 65.9

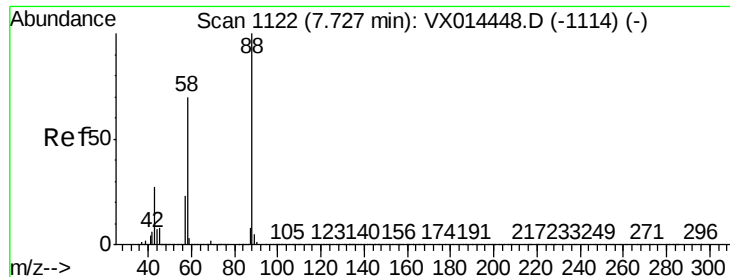


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 949.789 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

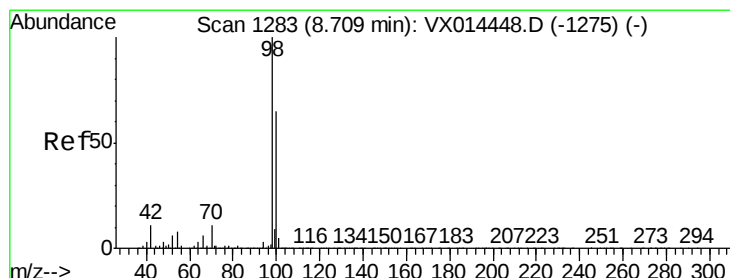
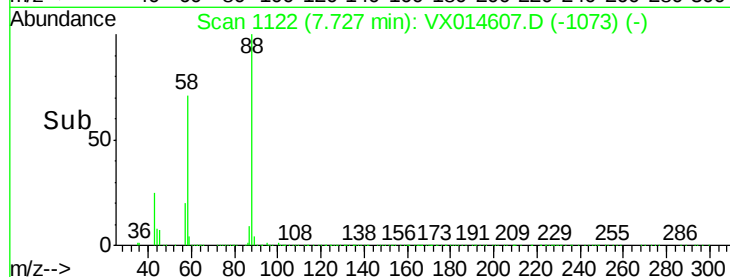
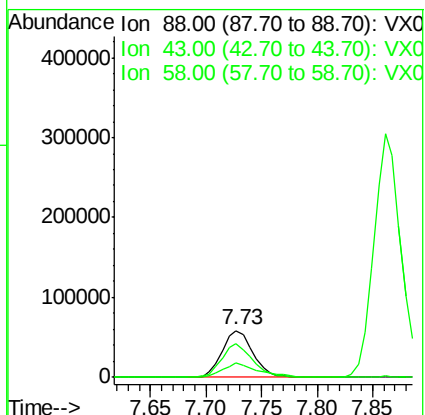
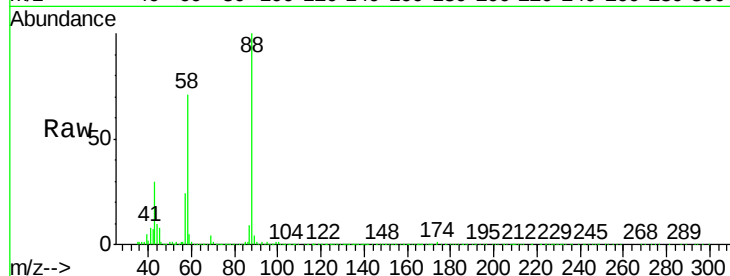
Tgt Ion: 88 Resp: 112475

Ion Ratio Lower Upper

88 100

43 34.3 27.4 41.0

58 73.0 57.1 85.7



#50

Toluene-d8

Concen: 49.585 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014607.D

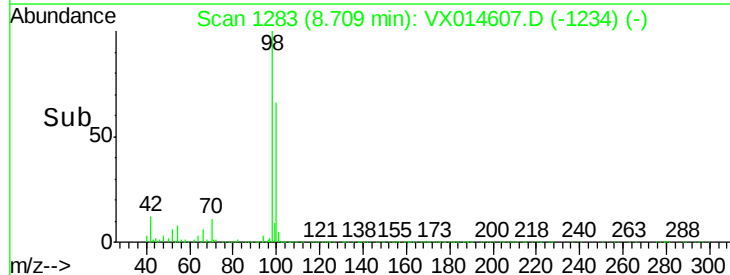
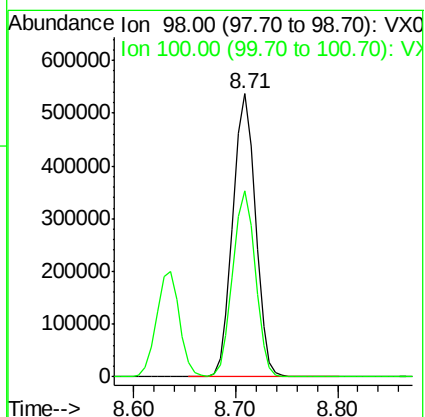
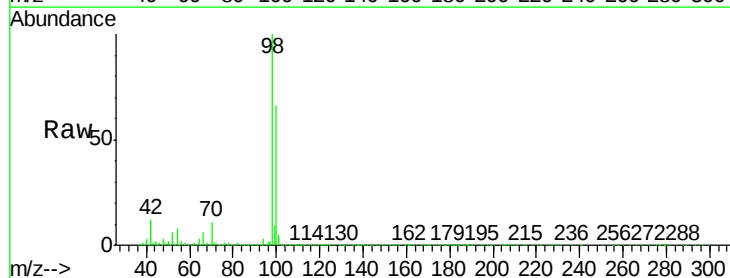
Acq: 14 Jan 2020 16:59

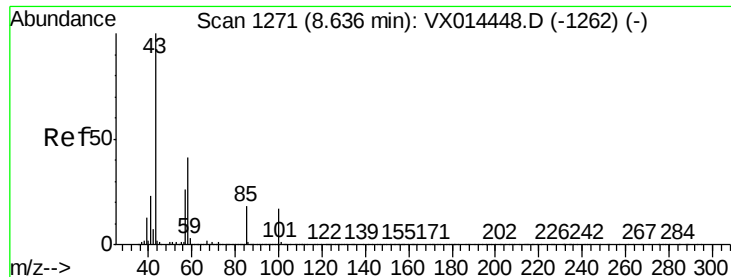
Tgt Ion: 98 Resp: 823711

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8

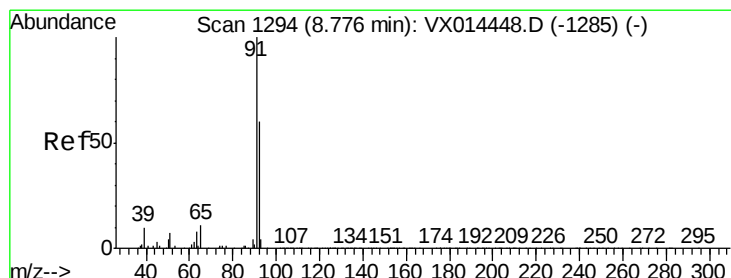
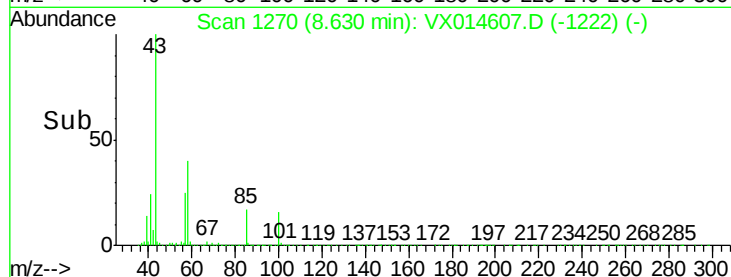
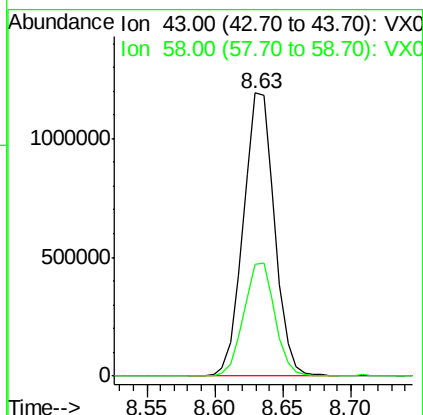
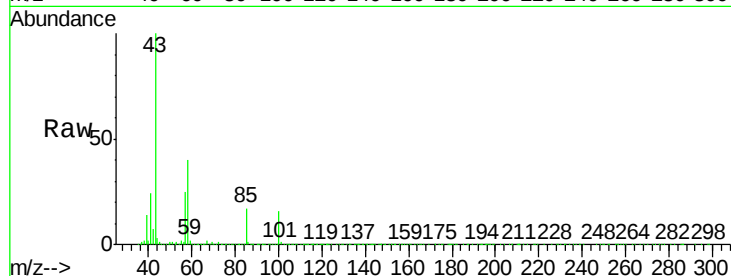




#51
 4-Methyl-2-Pentanone
 Concen: 268.797 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

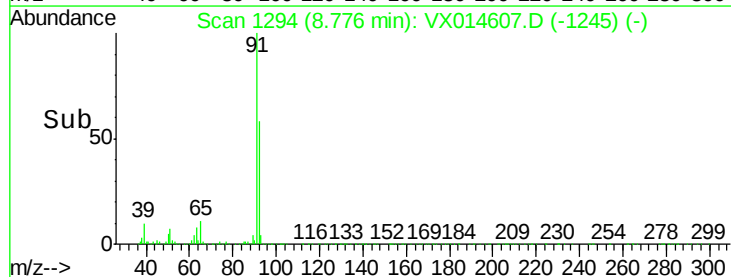
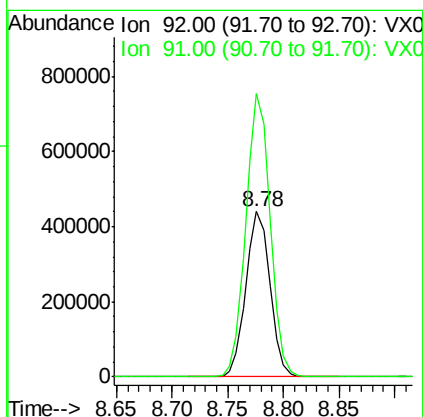
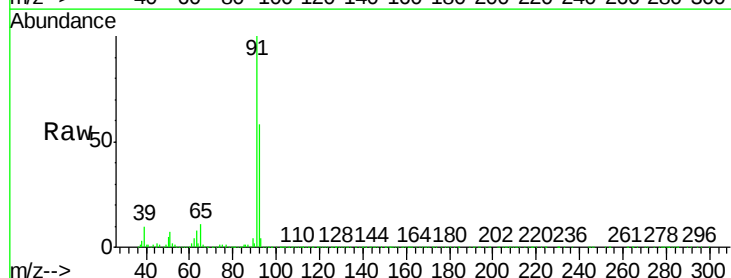
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

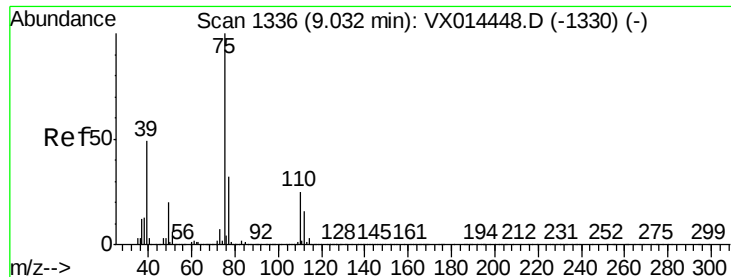
Tgt Ion: 43 Resp: 1911338
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.4 48.6



#52
 Toluene
 Concen: 52.706 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion: 92 Resp: 665932
 Ion Ratio Lower Upper
 92 100
 91 172.1 135.7 203.5

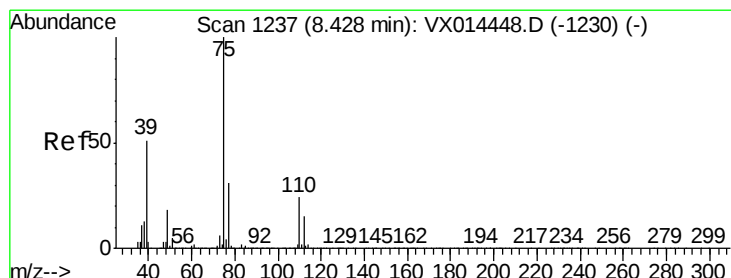
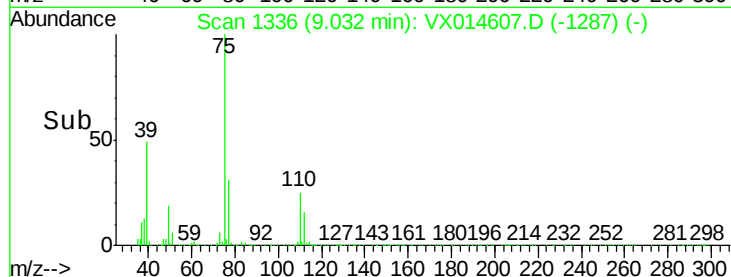
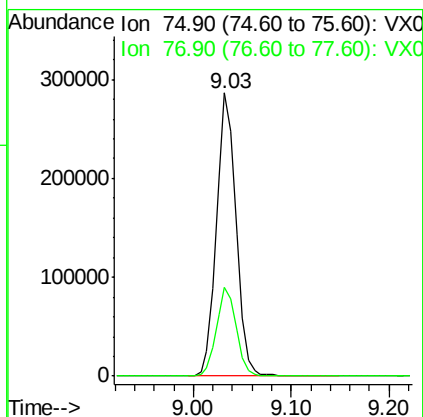
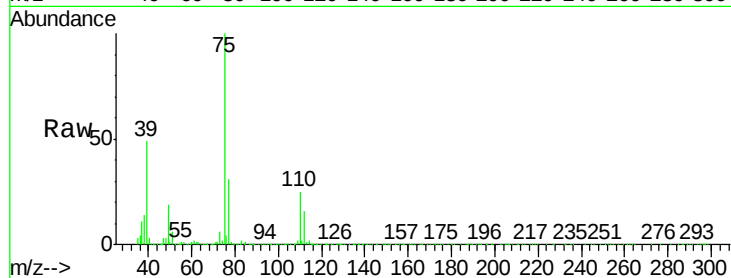




#53
t-1,3-Dichloropropene
Concen: 53.395 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

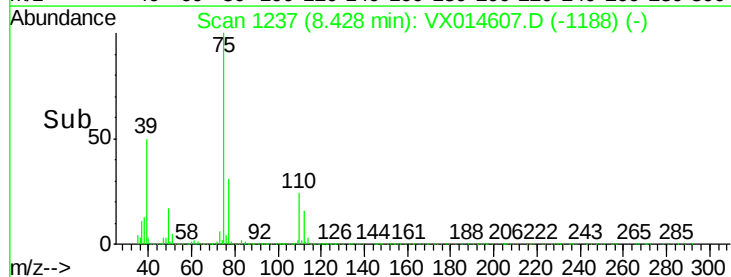
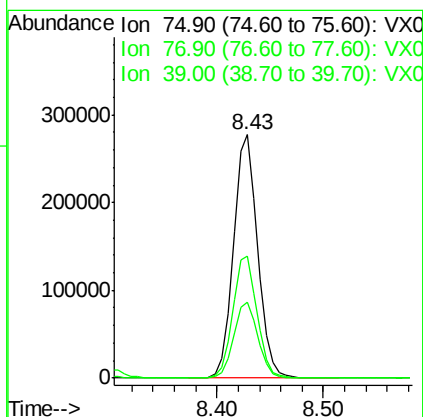
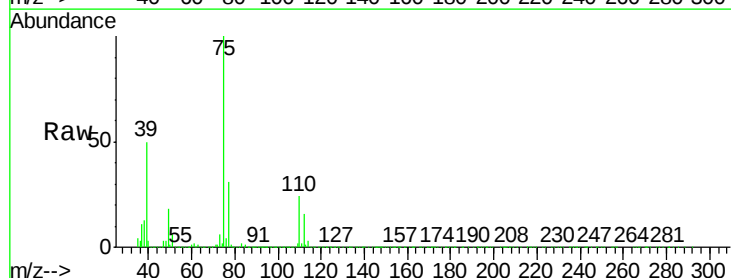
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

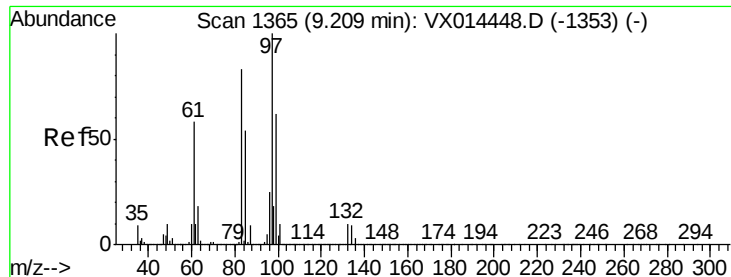
Tgt Ion: 75 Resp: 397272
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.574 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 75 Resp: 438631
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 50.2 40.7 61.1

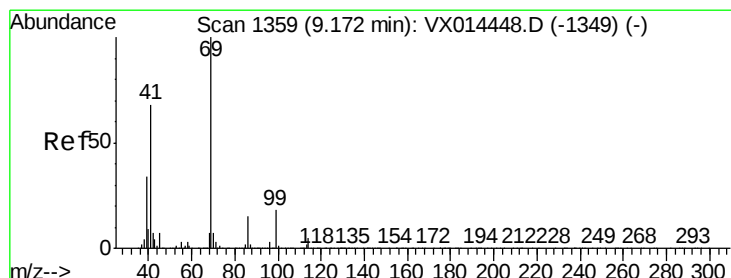
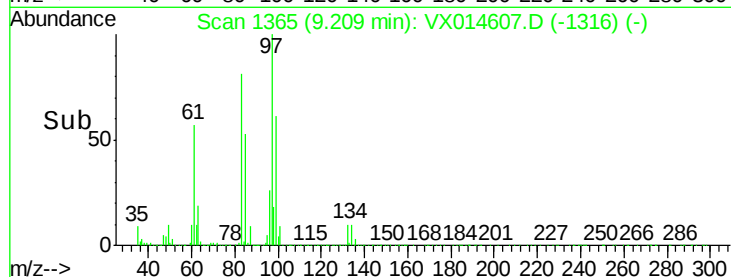
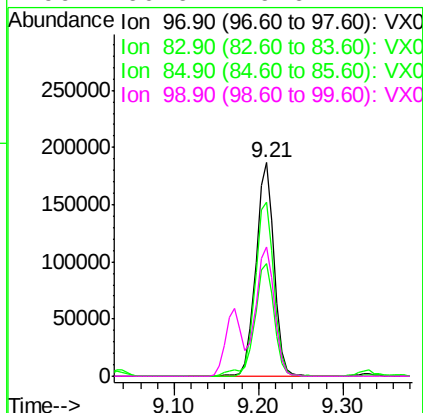
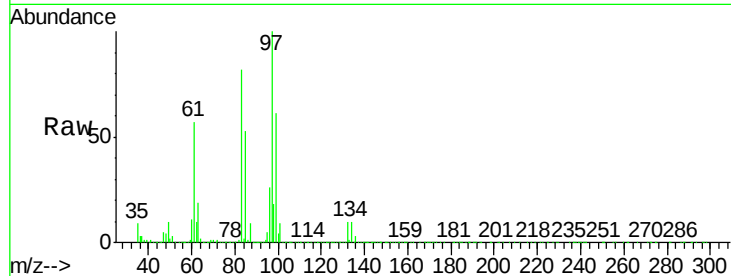




#55
 1,1,2-Trichloroethane
 Concen: 53.810 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

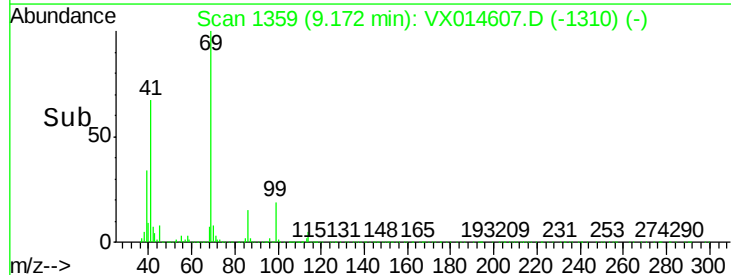
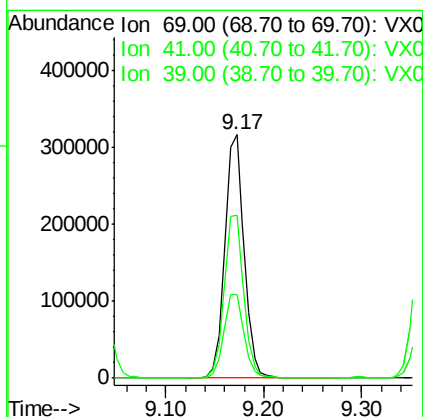
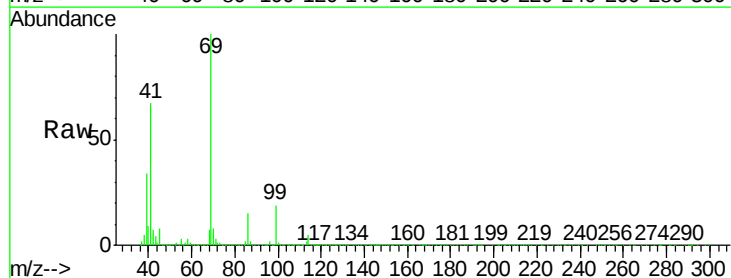
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

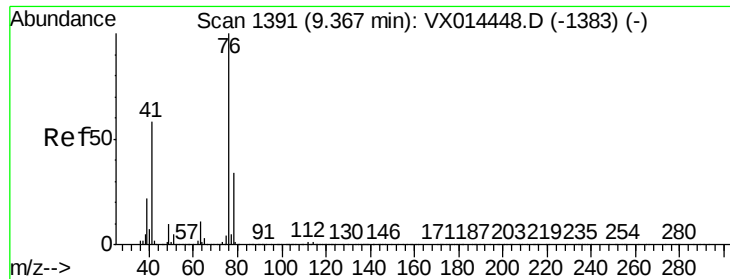
Tgt Ion:	97	Resp:	273080
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.4	99.6
85	52.9	43.4	65.2
99	60.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 55.386 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion:	69	Resp:	430626
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.2	81.2
39	36.0	28.2	42.2





#57

1,3-Dichloropropane

Concen: 53.634 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

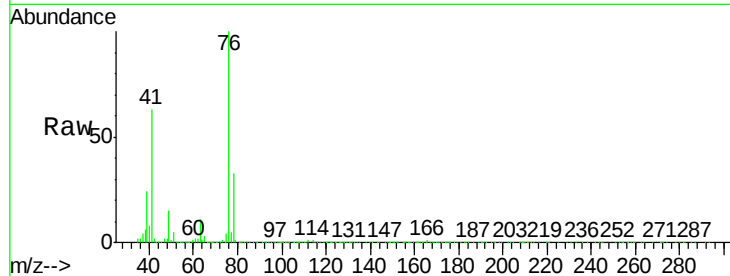
VSTDCCC050EC

Tgt Ion: 76 Resp: 455098

Ion Ratio Lower Upper

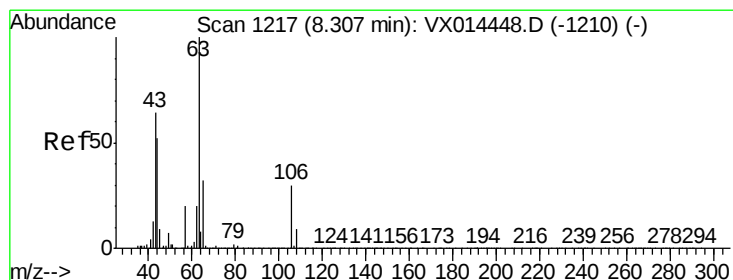
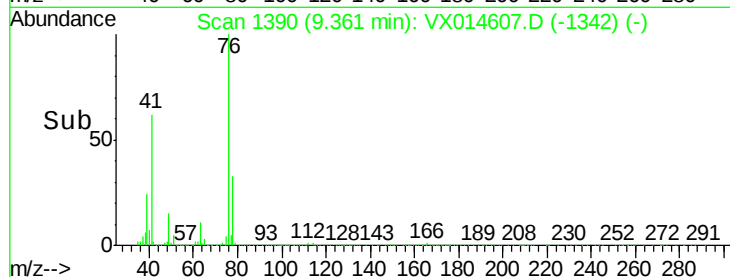
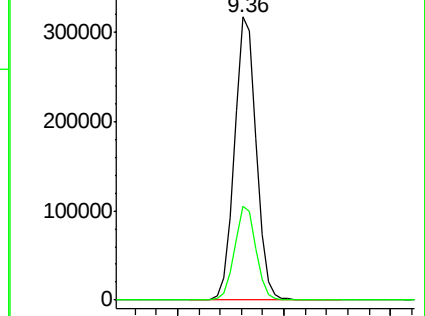
76 100

78 32.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.818 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014607.D

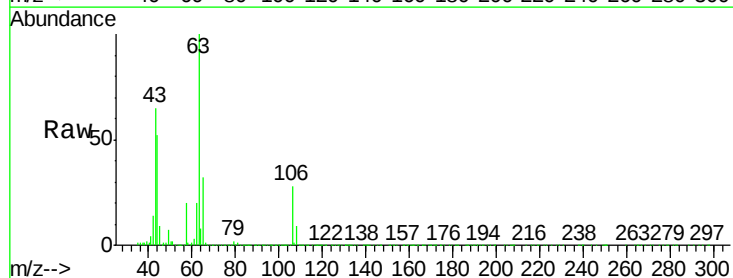
Acq: 14 Jan 2020 16:59

Tgt Ion: 63 Resp: 692592

Ion Ratio Lower Upper

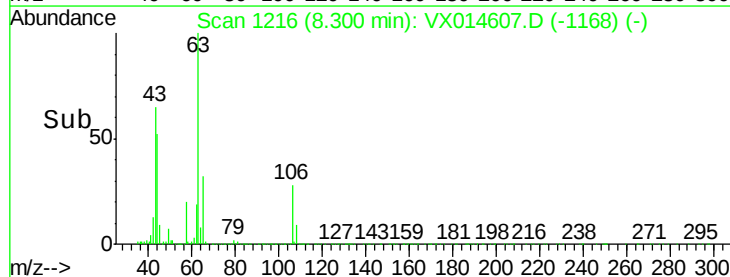
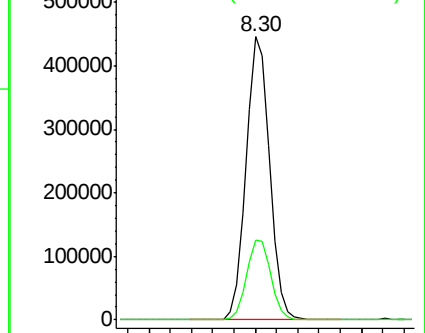
63 100

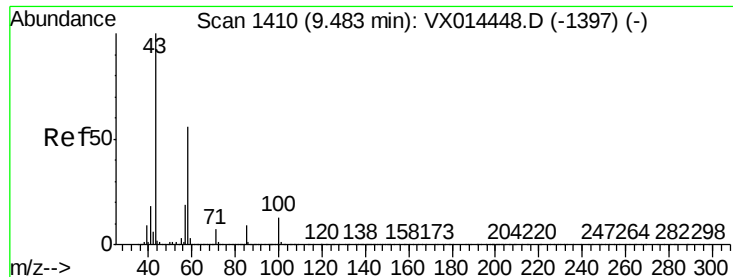
106 29.1 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

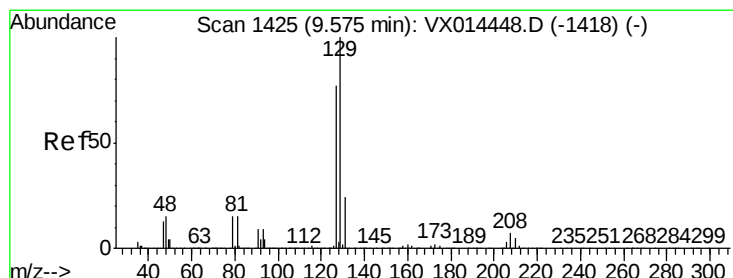
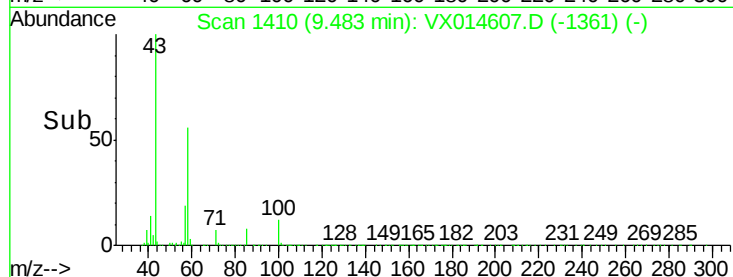
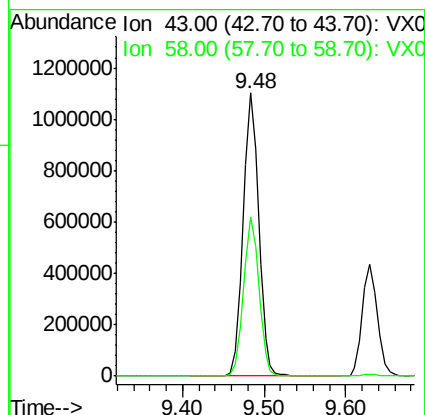
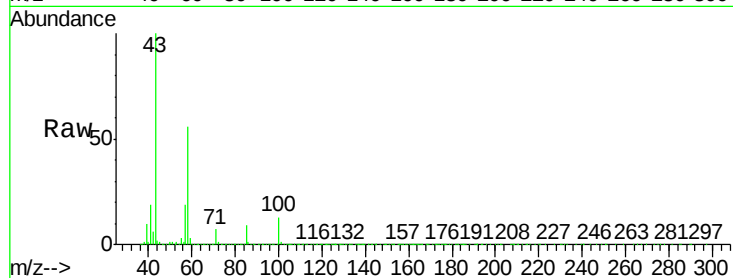




#59
2-Hexanone
Concen: 256.643 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

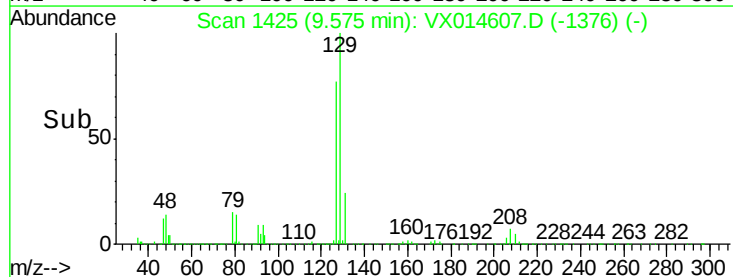
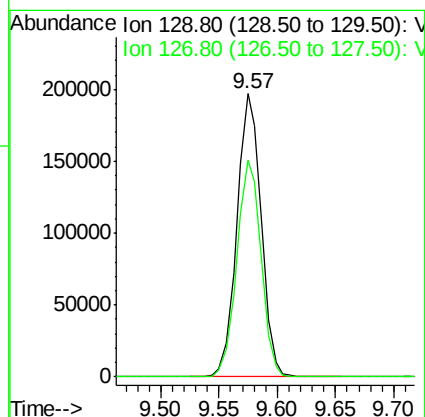
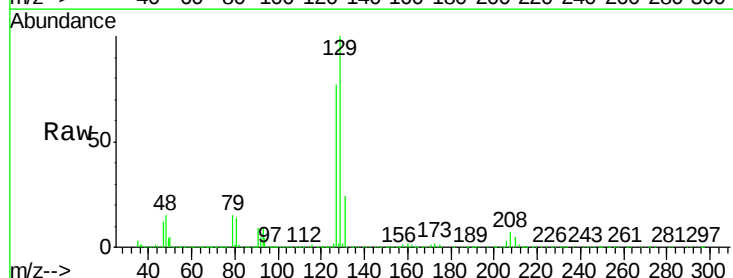
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

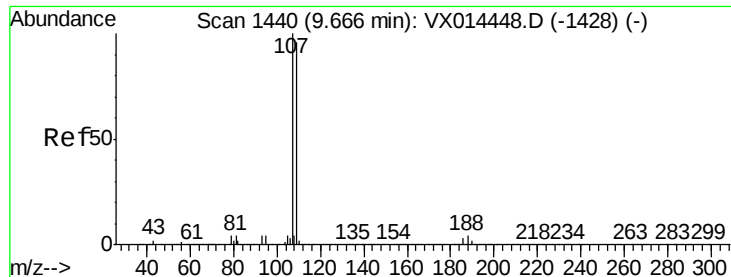
Tgt Ion: 43 Resp: 1443952
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.7



#60
Dibromochloromethane
Concen: 55.906 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 129 Resp: 285171
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.376 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

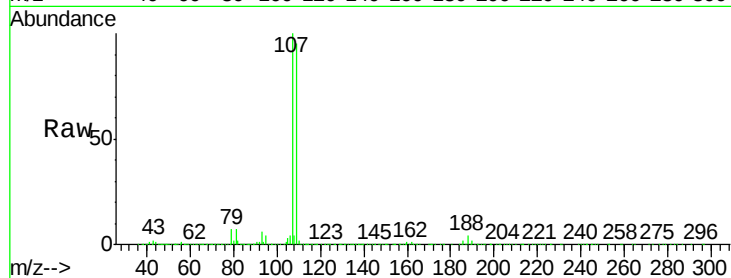
VSTDCCC050EC

Tgt Ion: 107 Resp: 281565

Ion Ratio Lower Upper

107 100

109 95.2 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

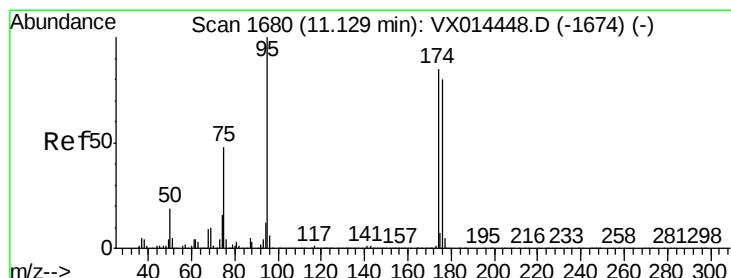
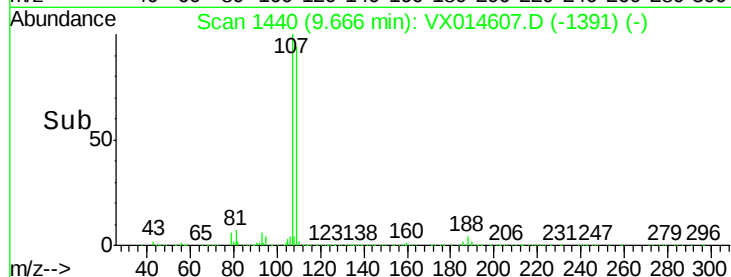
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.247 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

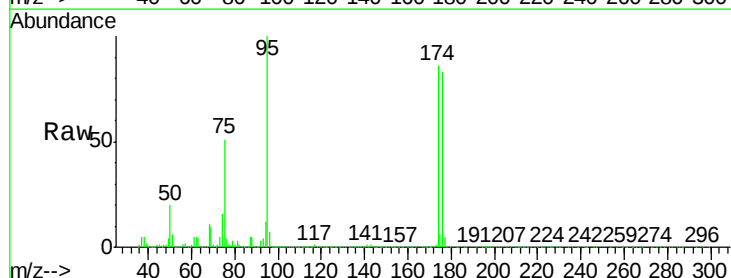
Tgt Ion: 95 Resp: 294234

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.8

176 86.6 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

11.13

300000

250000

200000

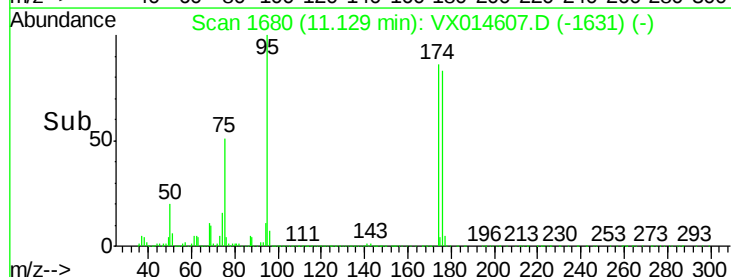
150000

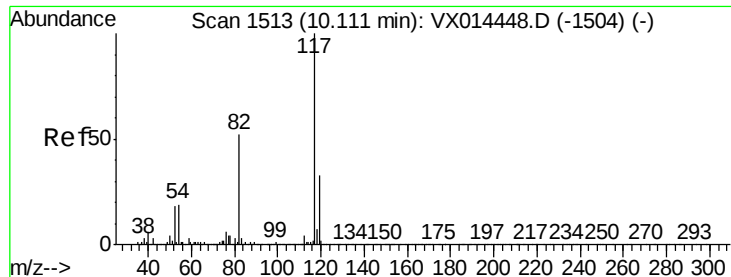
100000

50000

0

Time-->

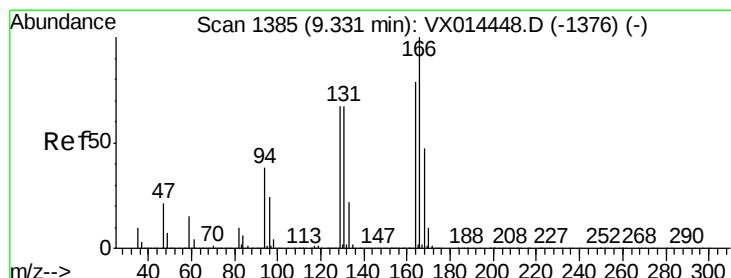
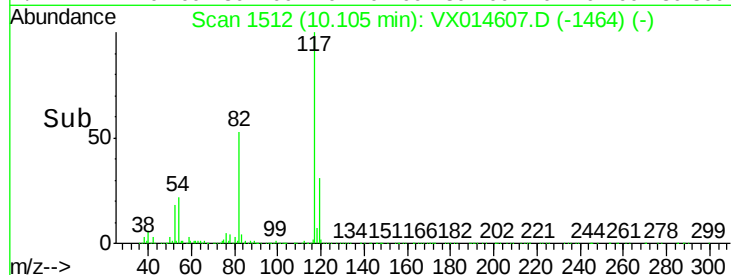
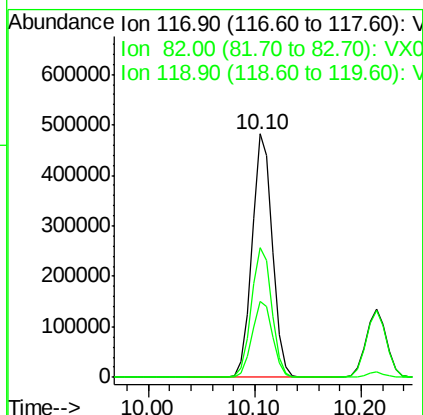
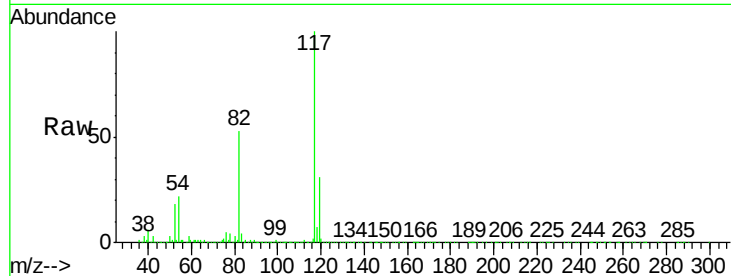




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

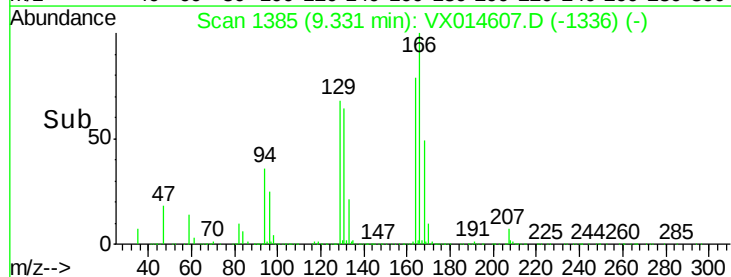
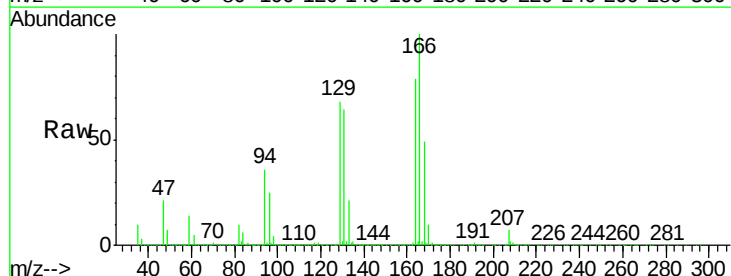
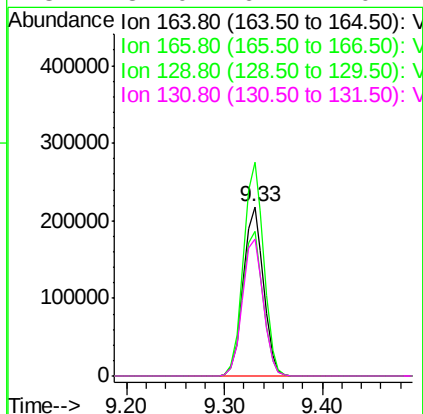
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

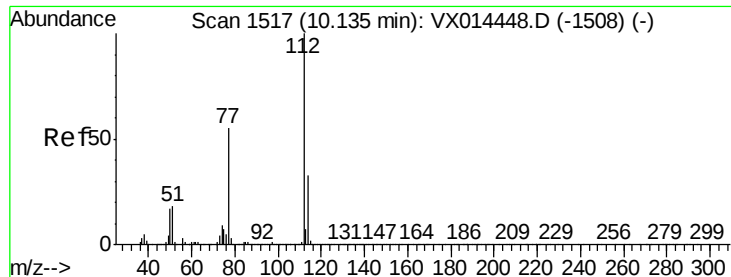
Tgt Ion:117 Resp: 642699
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 31.3 26.2 39.4



#64
Tetrachloroethene
Concen: 48.476 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion:164 Resp: 312246
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 85.7 68.3 102.5
131 81.0 67.4 101.2

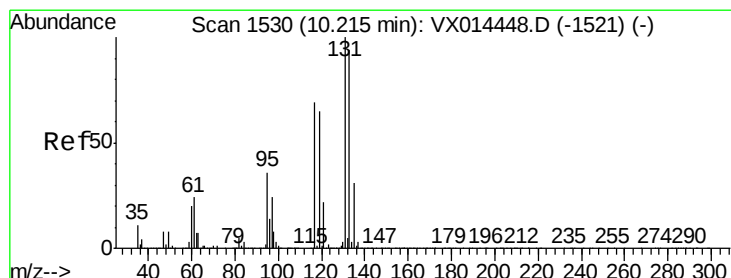
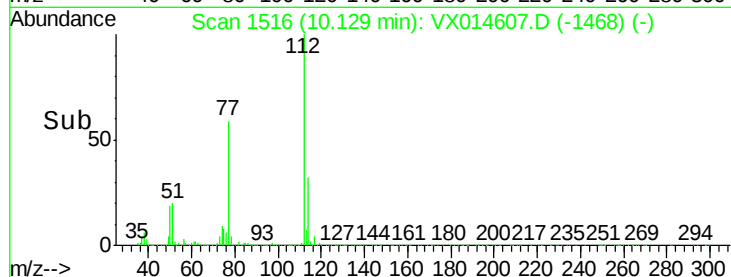
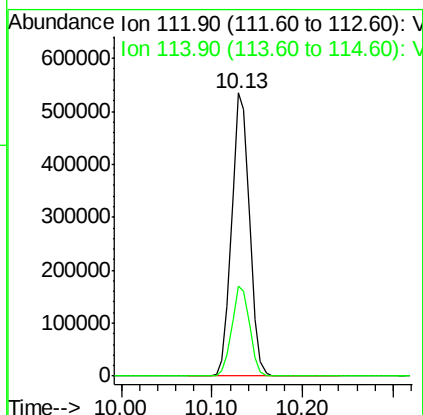
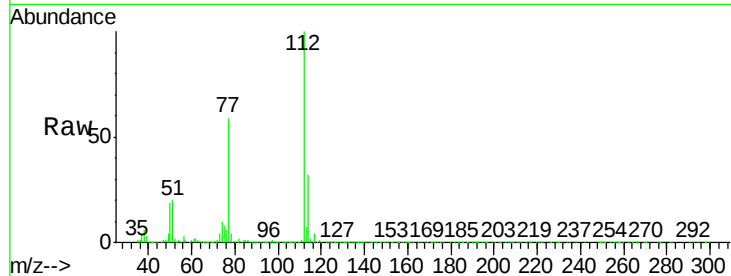




#65
Chlorobenzene
Concen: 52.128 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

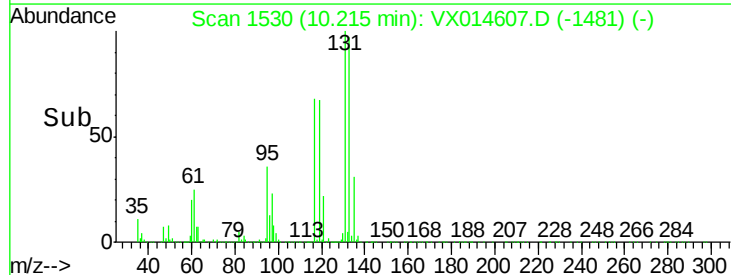
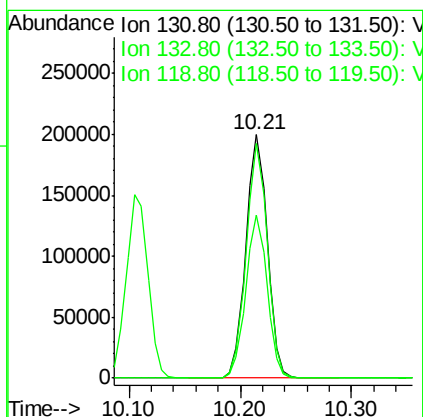
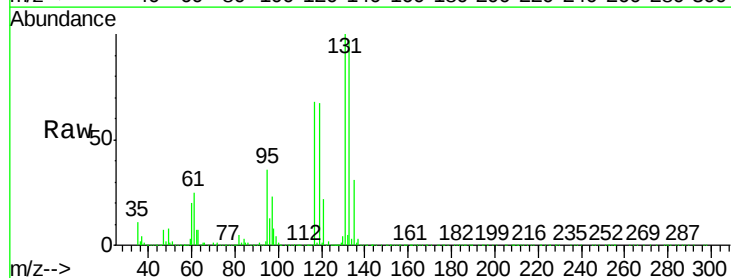
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

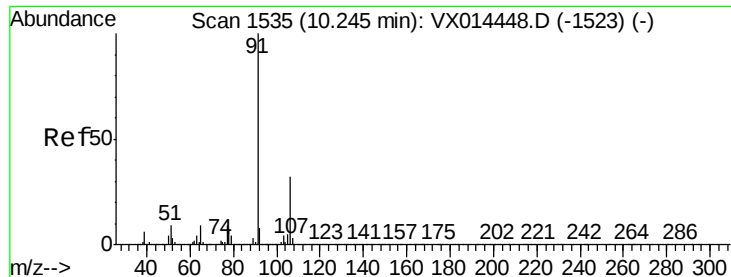
Tgt Ion:112 Resp: 727054
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.599 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion:131 Resp: 266791
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 66.6 32.8 98.4





#67

Ethyl Benzene

Concen: 54.023 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

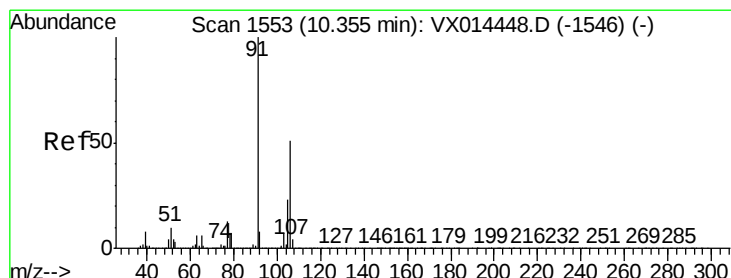
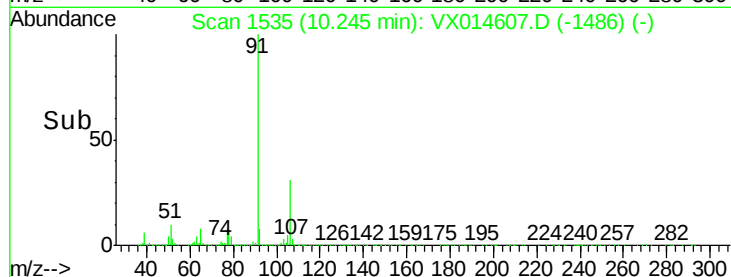
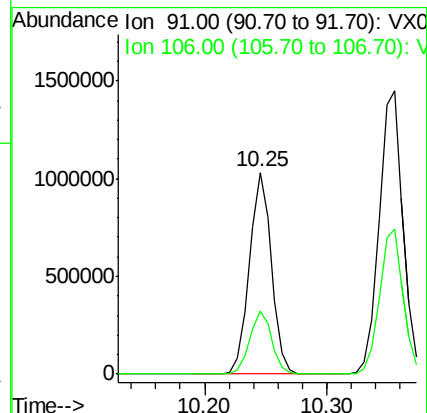
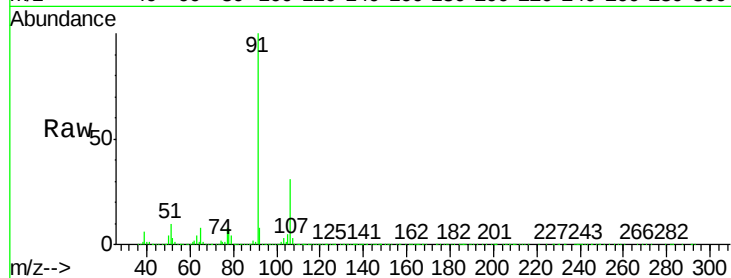
VSTDCCC050EC

Tgt Ion: 91 Resp: 1284290

Ion Ratio Lower Upper

91 100

106 31.1 25.6 38.4



#68

m/p-Xylenes

Concen: 108.511 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014607.D

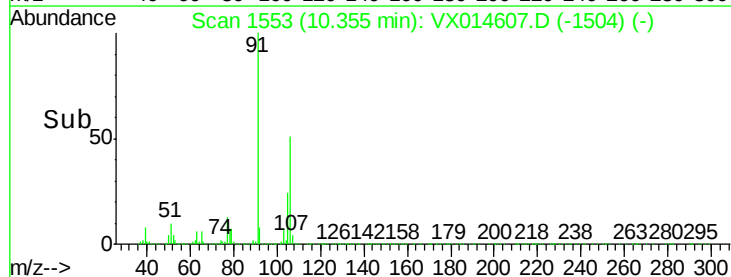
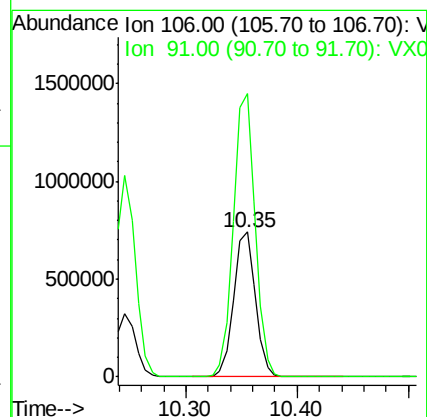
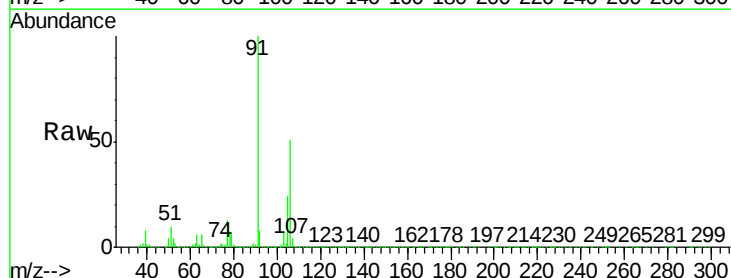
Acq: 14 Jan 2020 16:59

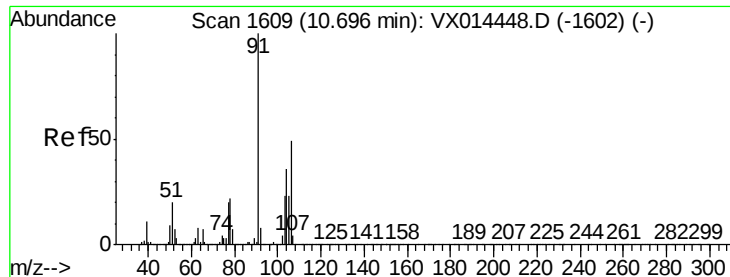
Tgt Ion: 106 Resp: 995210

Ion Ratio Lower Upper

106 100

91 196.3 157.4 236.0

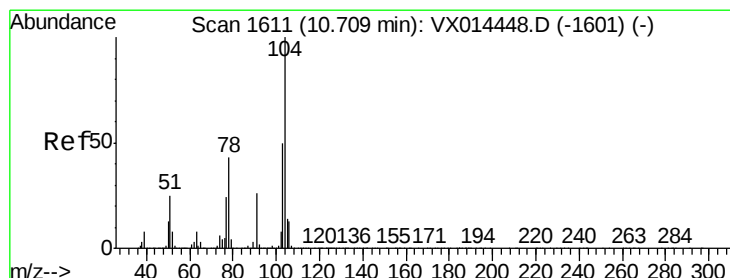
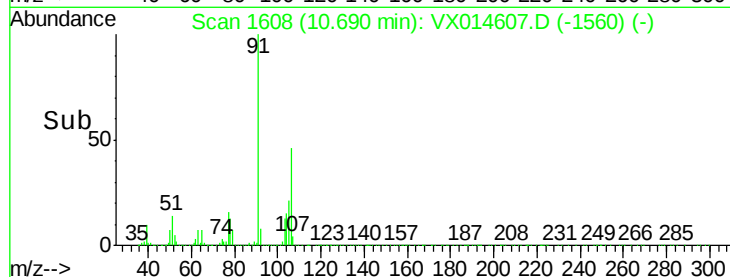
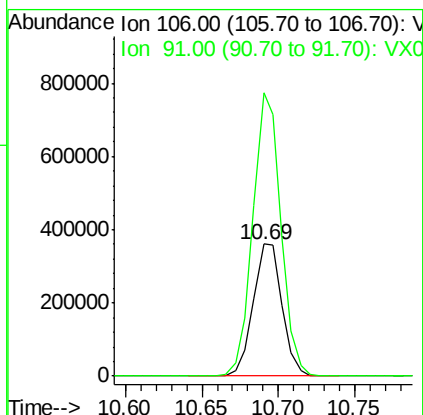
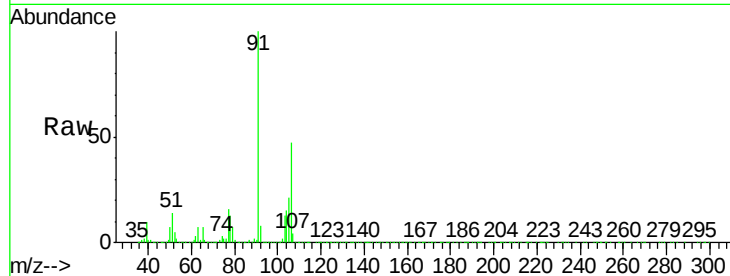




#69
o-Xylene
Concen: 54.105 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

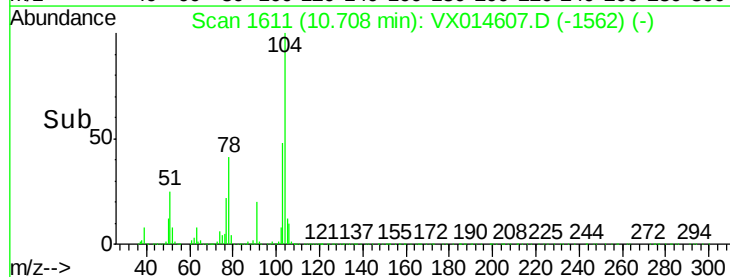
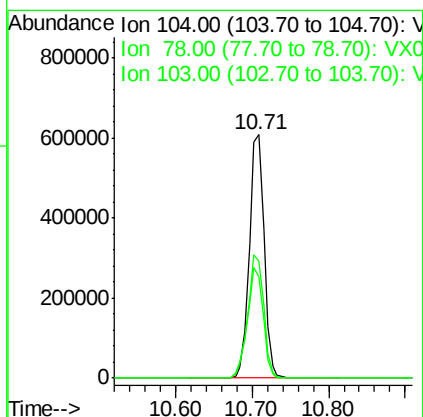
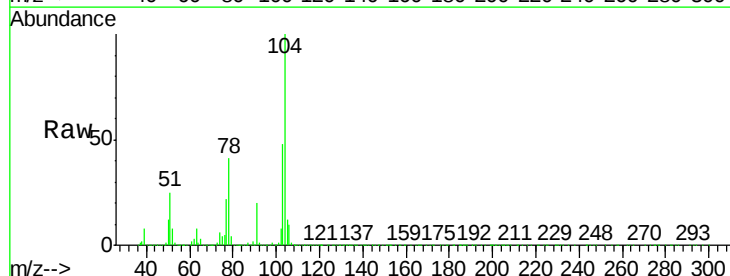
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

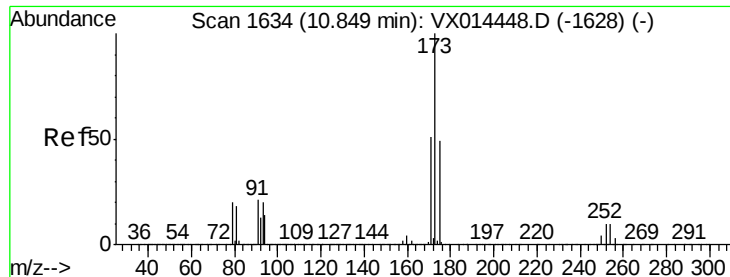
Tgt Ion:106 Resp: 473456
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.1



#70
Styrene
Concen: 53.928 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion:104 Resp: 814402
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.4 43.7 65.5

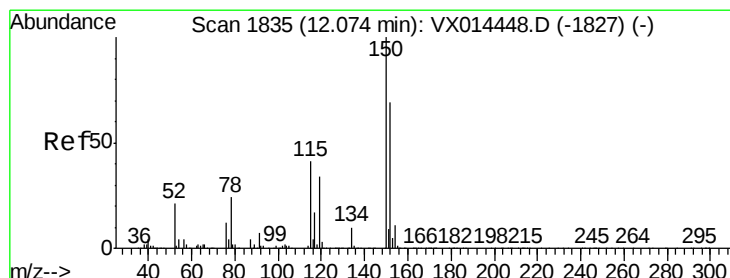
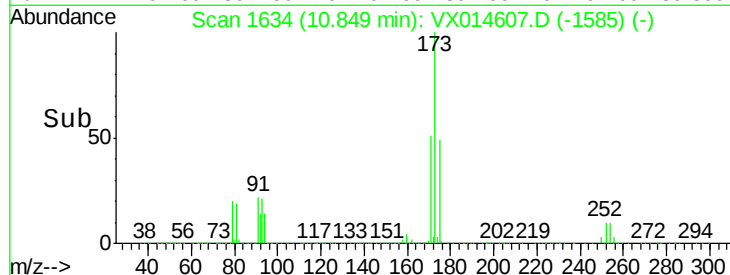
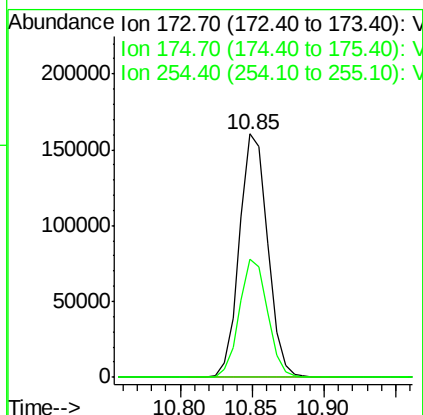
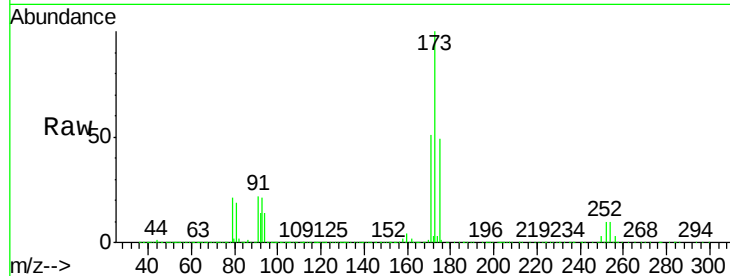




#71
Bromoform
Concen: 53.621 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

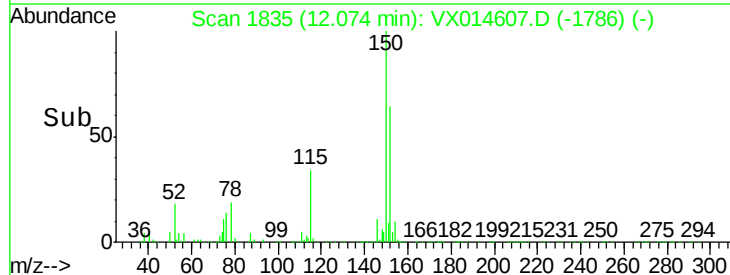
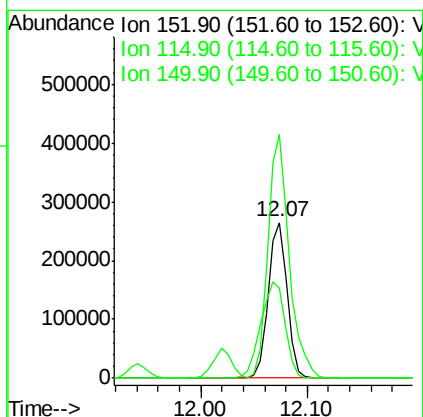
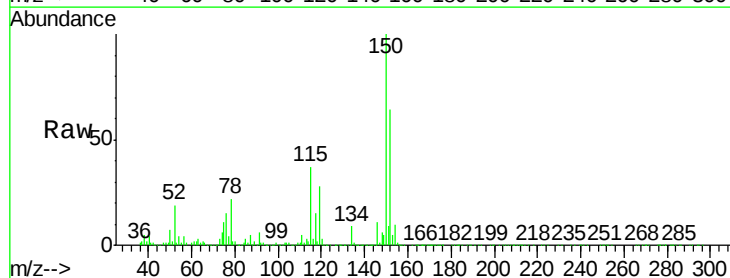
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

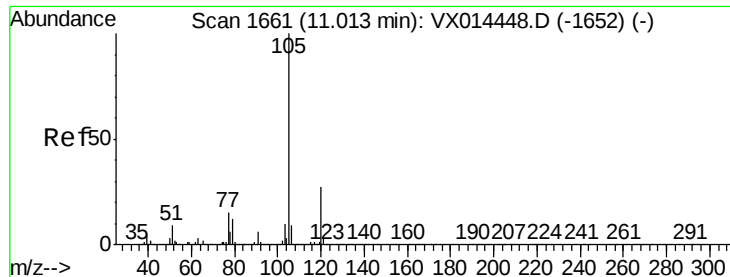
Tgt Ion:173 Resp: 218371
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion:152 Resp: 328183
Ion Ratio Lower Upper
152 100
115 80.0 39.5 118.3
150 175.0 0.0 350.2





#73

Isopropylbenzene

Concen: 55.032 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

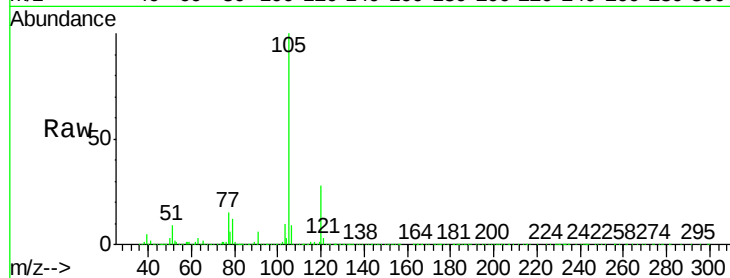
VSTDCCC050EC

Tgt Ion:105 Resp: 1268252

Ion Ratio Lower Upper

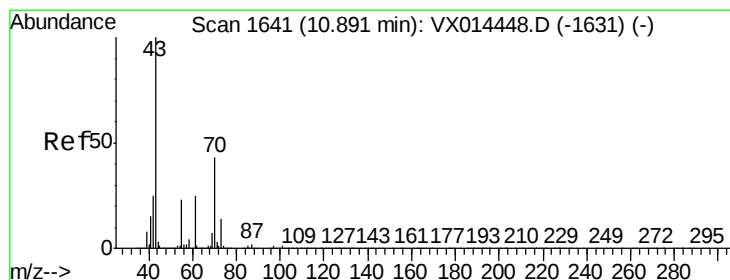
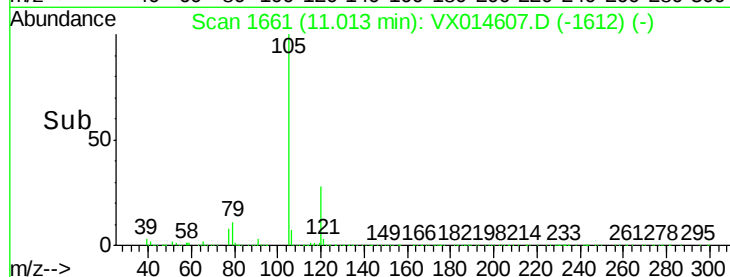
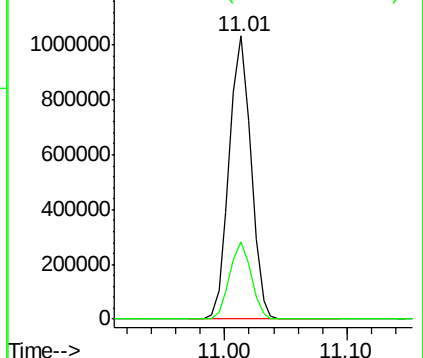
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.545 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion: 43 Resp: 544414

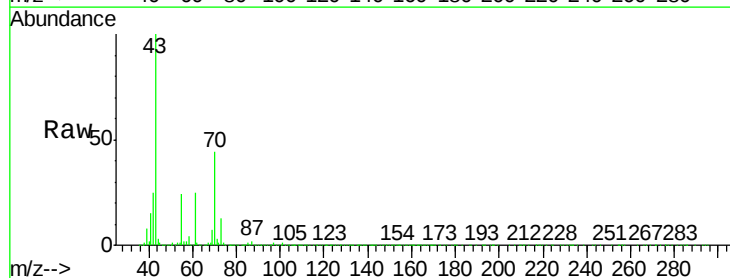
Ion Ratio Lower Upper

43 100

70 43.0 35.1 52.7

55 24.4 19.3 28.9

61 24.6 20.0 30.0

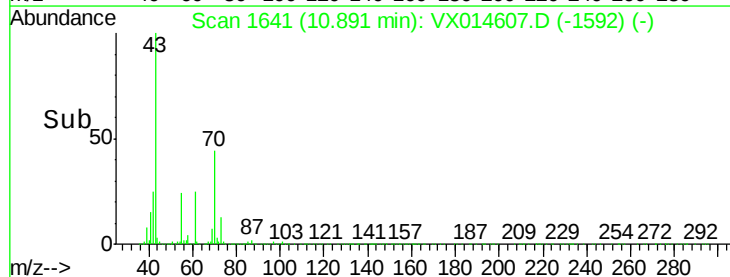
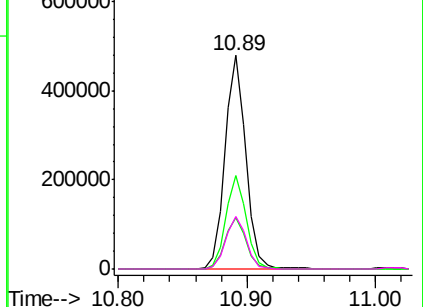


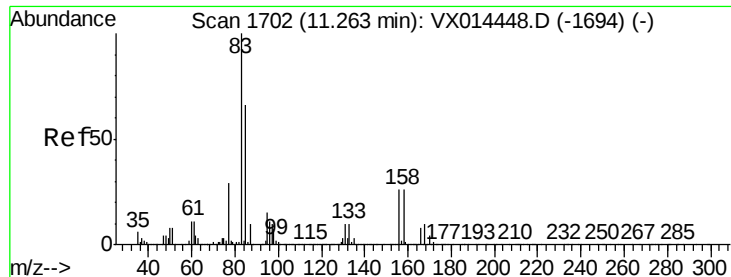
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.515 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

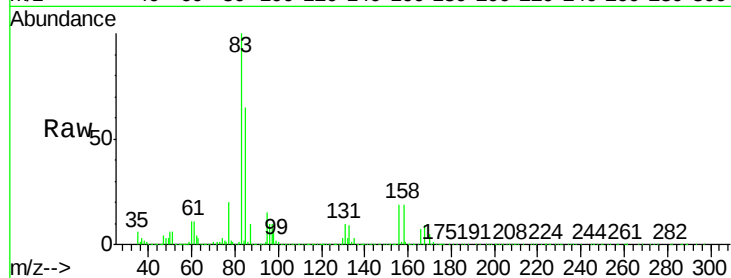
Tgt Ion: 83 Resp: 402899

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

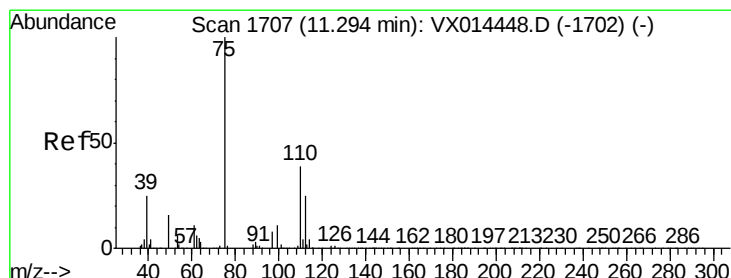
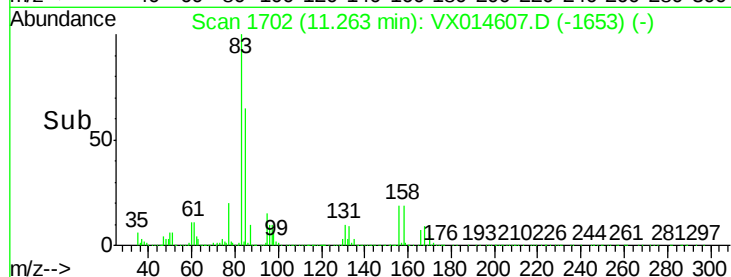
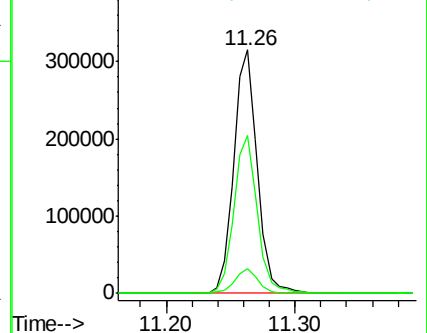
85 64.4 32.5 97.4



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: 69.356 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014607.D

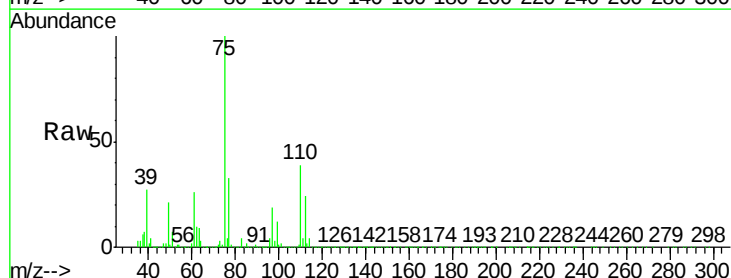
Acq: 14 Jan 2020 16:59

Tgt Ion: 75 Resp: 470940

Ion Ratio Lower Upper

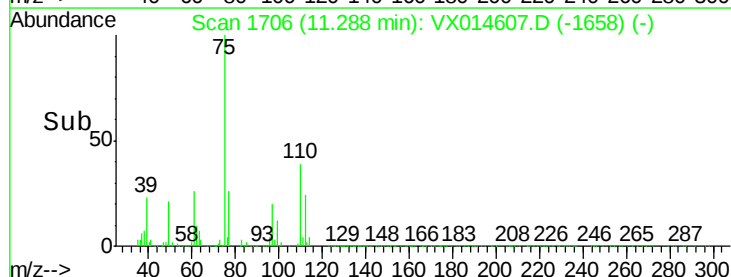
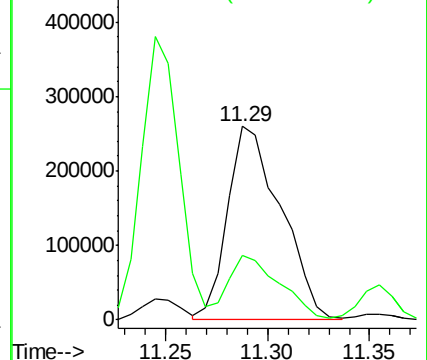
75 100

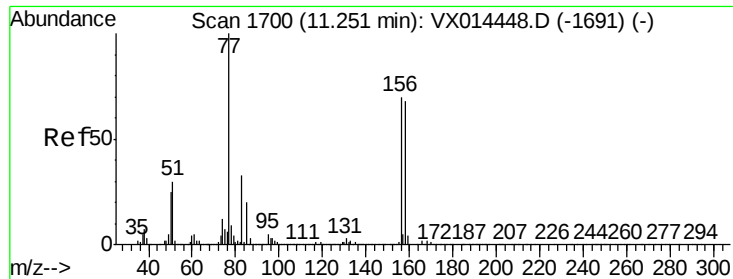
77 32.4 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.025 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

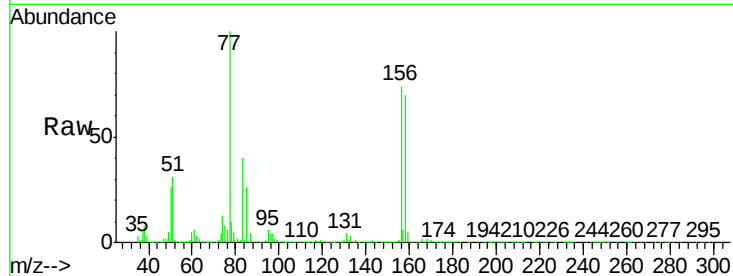
Tgt Ion:156 Resp: 326102

Ion Ratio Lower Upper

156 100

77 149.5 75.4 226.3

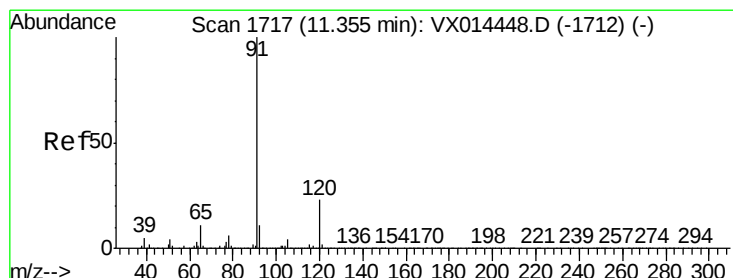
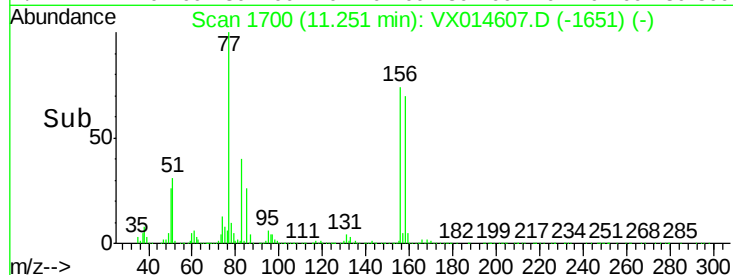
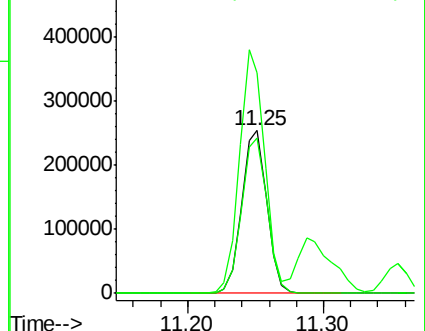
158 97.3 48.8 146.3



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: 55.626 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014607.D

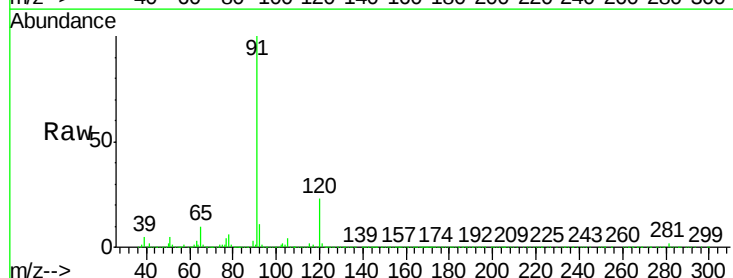
Acq: 14 Jan 2020 16:59

Tgt Ion: 91 Resp: 1468127

Ion Ratio Lower Upper

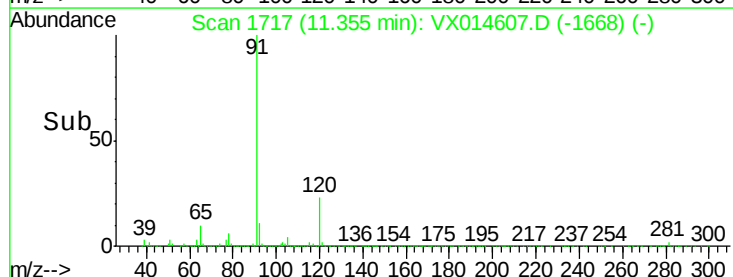
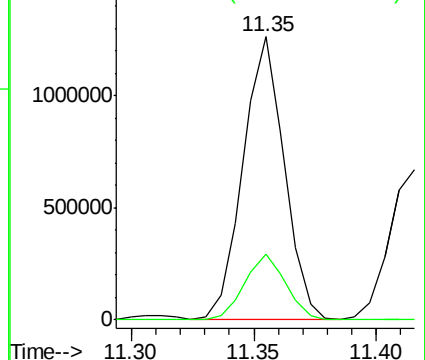
91 100

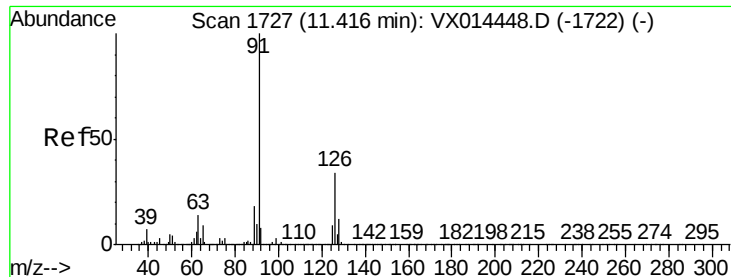
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.573 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

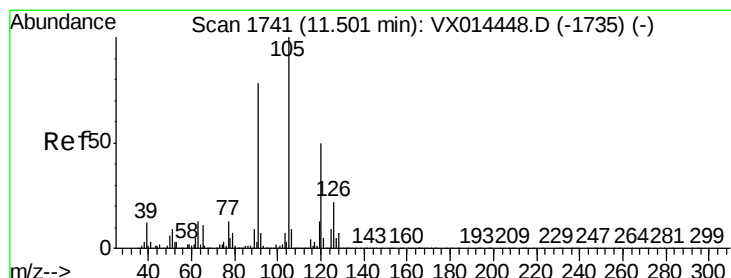
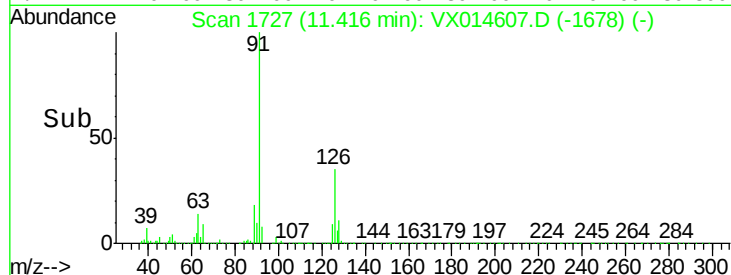
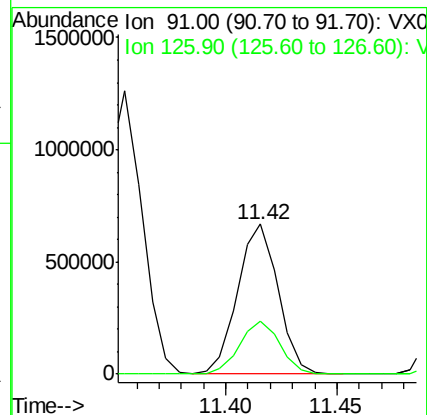
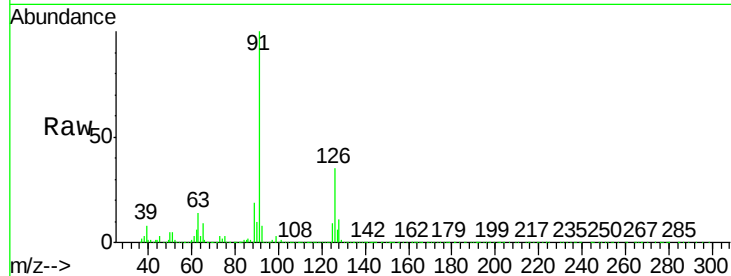
VSTDCCC050EC

Tgt Ion: 91 Resp: 842696

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 55.723 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014607.D

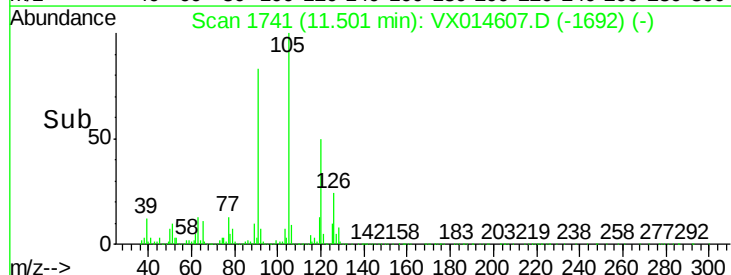
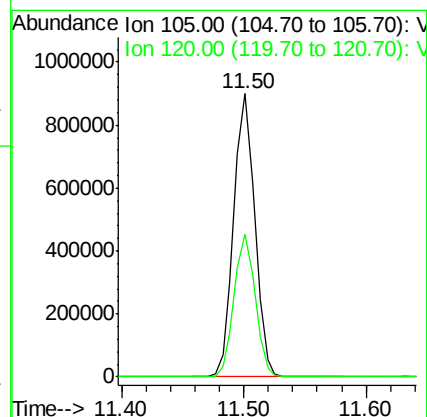
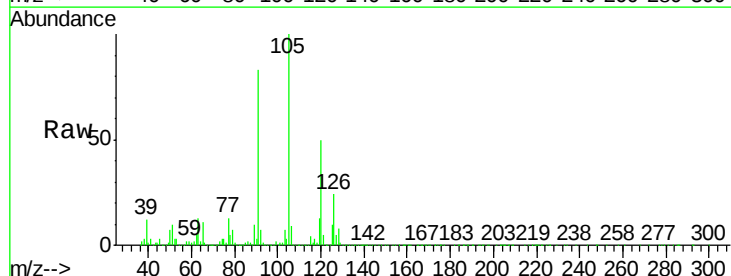
Acq: 14 Jan 2020 16:59

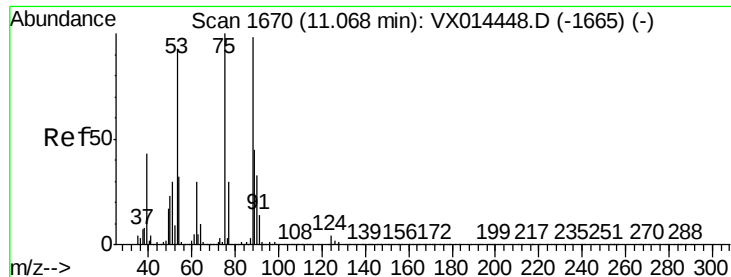
Tgt Ion: 105 Resp: 1066169

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.991 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

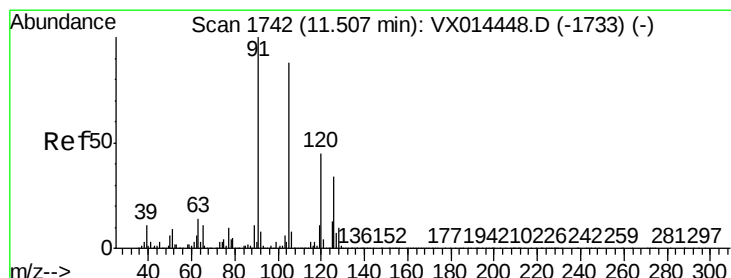
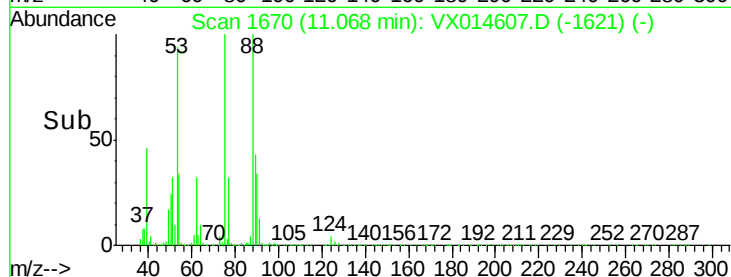
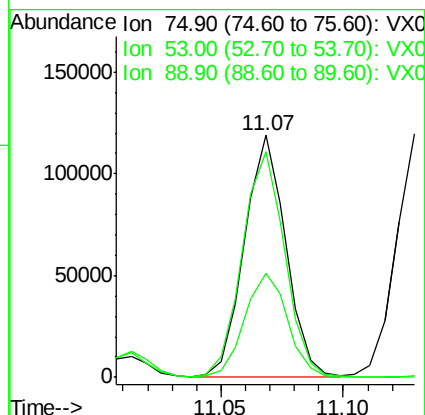
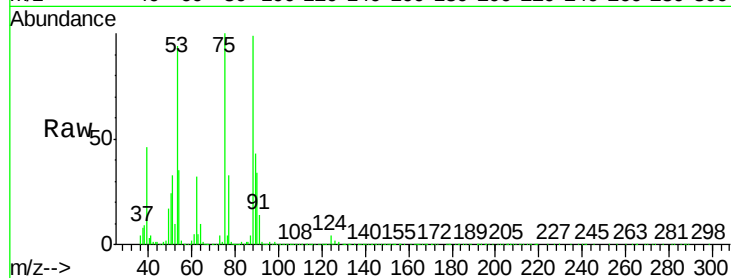
Tgt Ion: 75 Resp: 138667

Ion Ratio Lower Upper

75 100

53 96.3 74.8 112.2

89 44.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 53.262 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014607.D

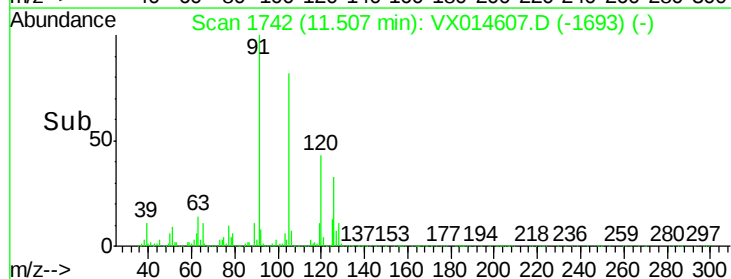
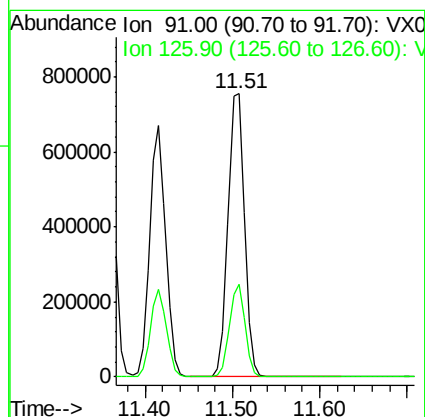
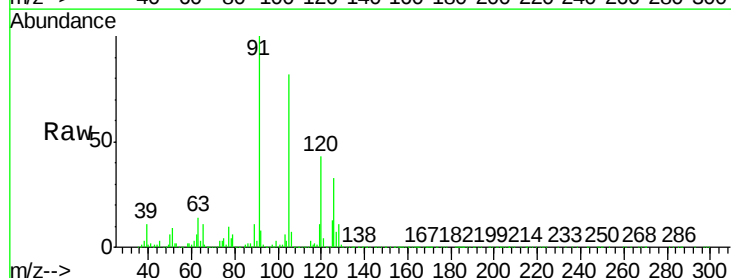
Acq: 14 Jan 2020 16:59

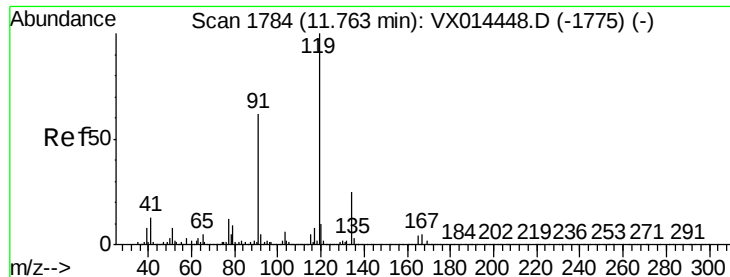
Tgt Ion: 91 Resp: 983425

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.7

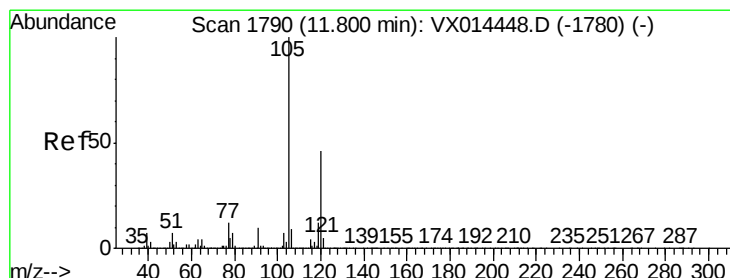
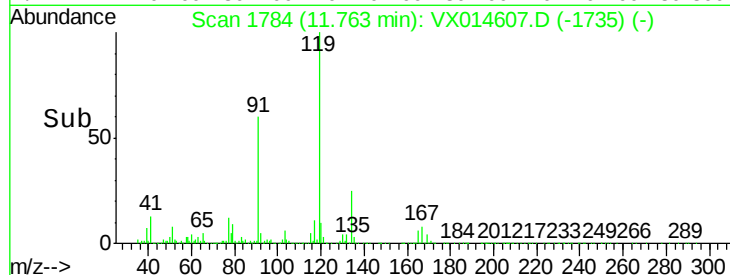
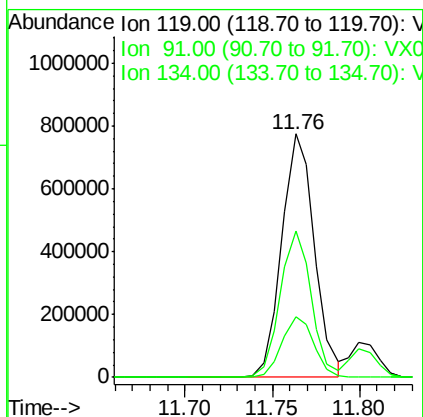
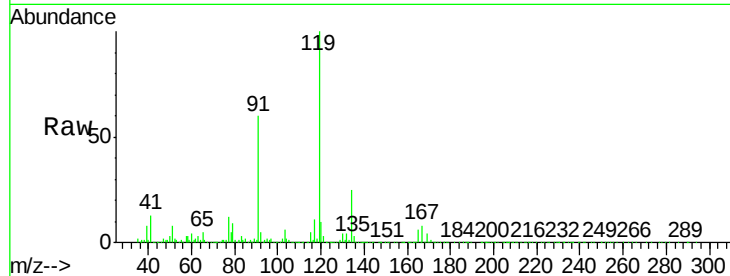




#83
 tert-Butylbenzene
 Concen: 55.813 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

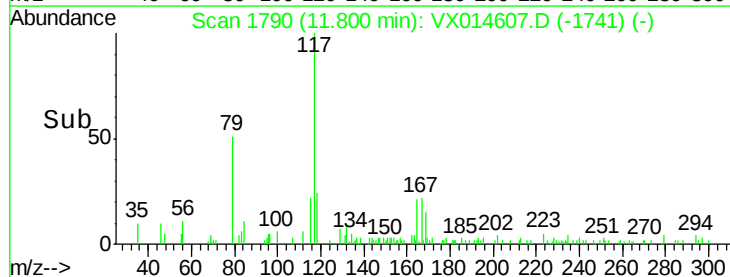
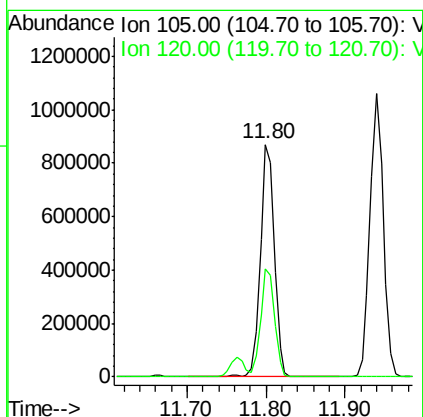
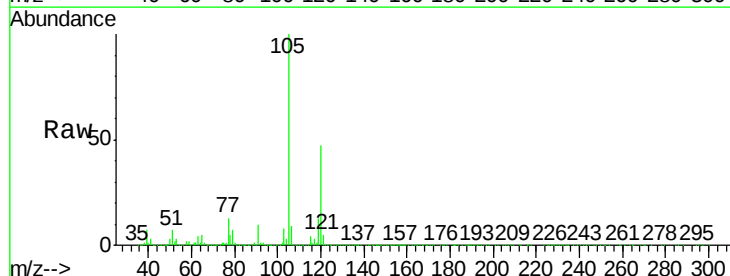
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

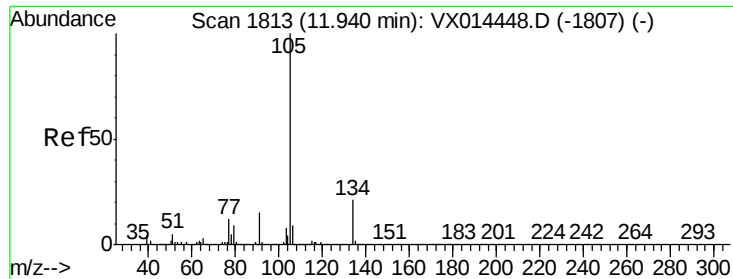
Tgt Ion:119 Resp: 1009007
 Ion Ratio Lower Upper
 119 100
 91 57.4 29.3 88.0
 134 24.4 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.364 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion:105 Resp: 1070368
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 55.903 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

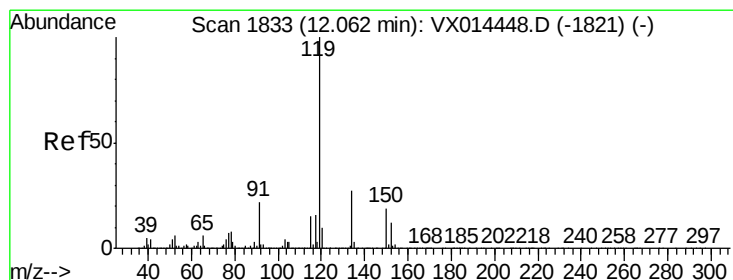
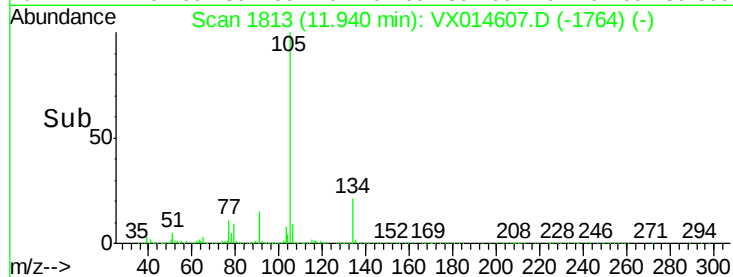
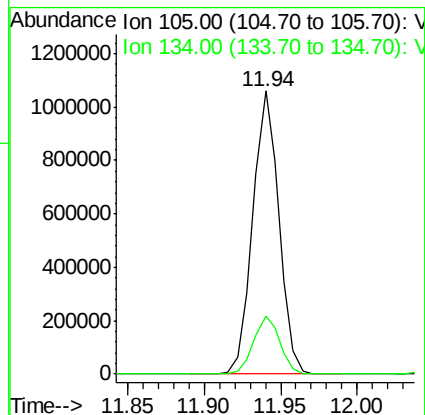
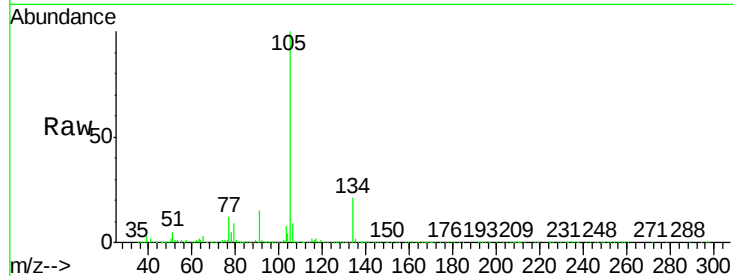
VSTDCCC050EC

Tgt Ion:105 Resp: 1256370

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 55.996 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

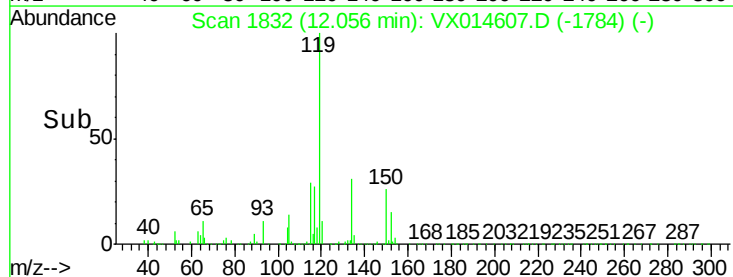
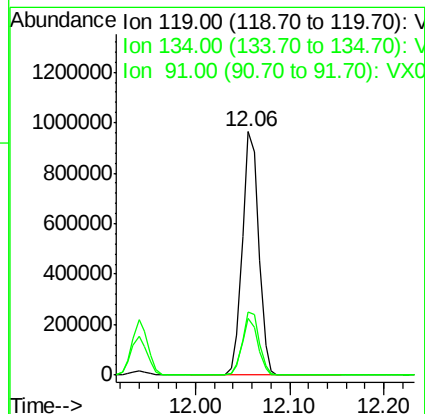
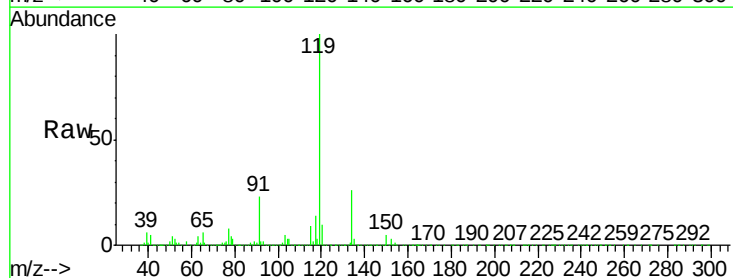
Tgt Ion:119 Resp: 1167787

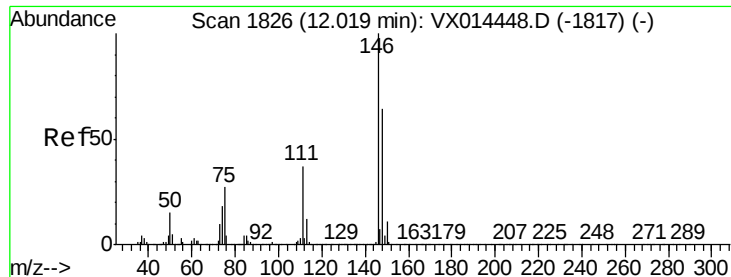
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 51.269 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

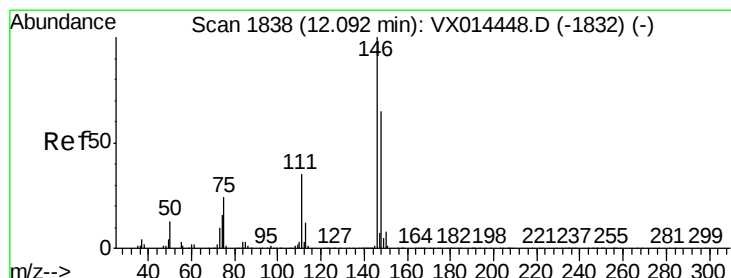
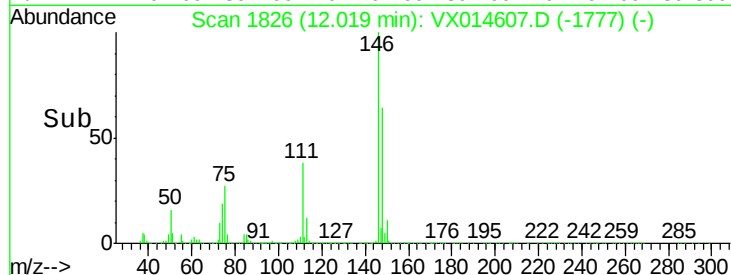
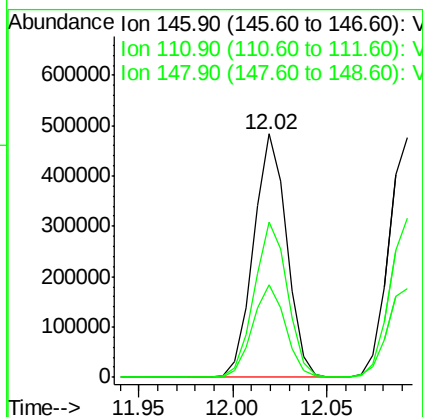
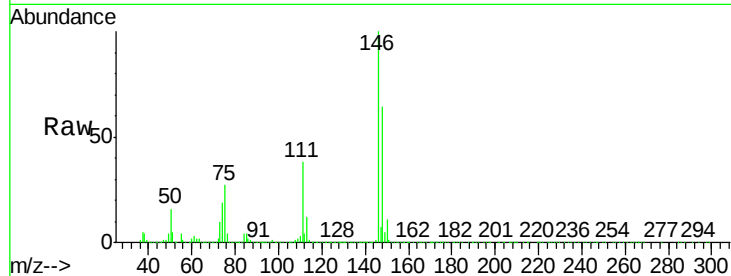
Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 588039

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.2	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 53.896 ug/l

RT: 12.09 min Scan# 1838

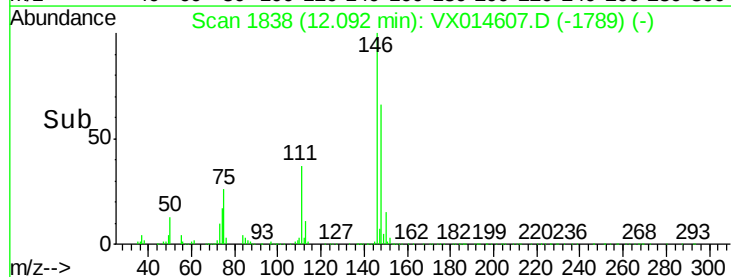
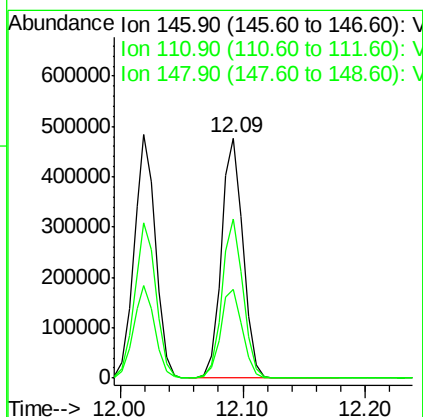
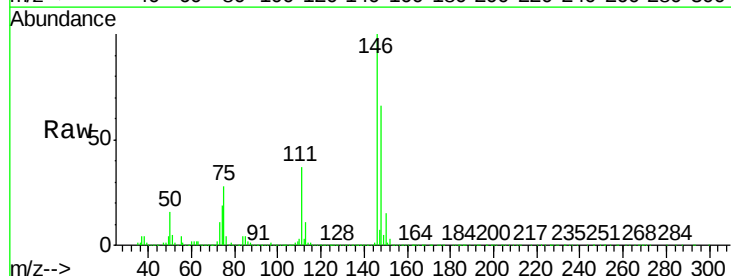
Delta R.T. 0.00 min

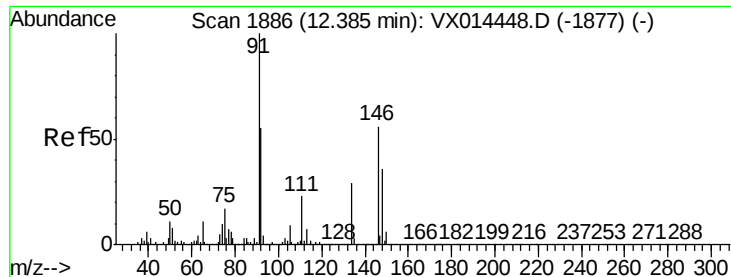
Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Tgt Ion:146 Resp: 580261

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.9	32.1	96.3

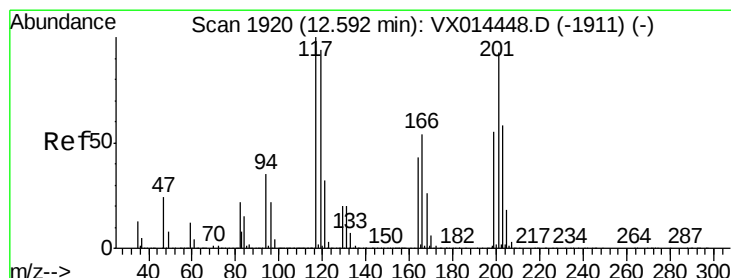
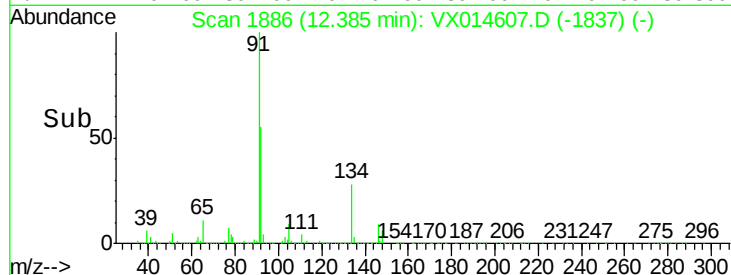
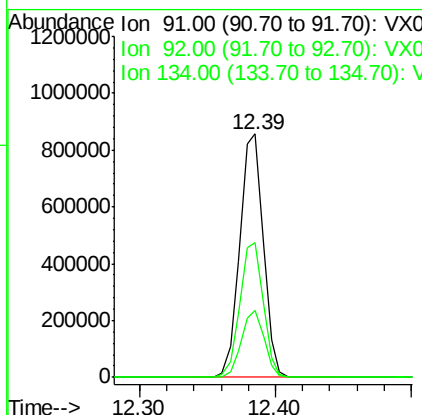
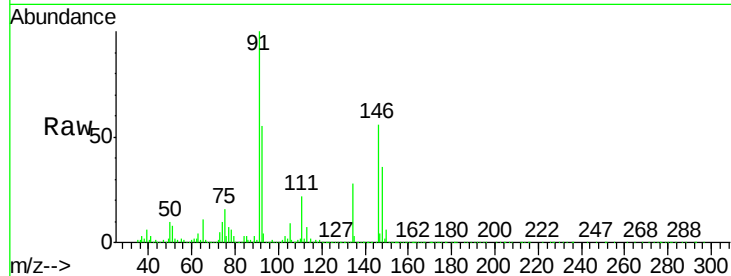




#89
n-Butylbenzene
Concen: 54.155 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

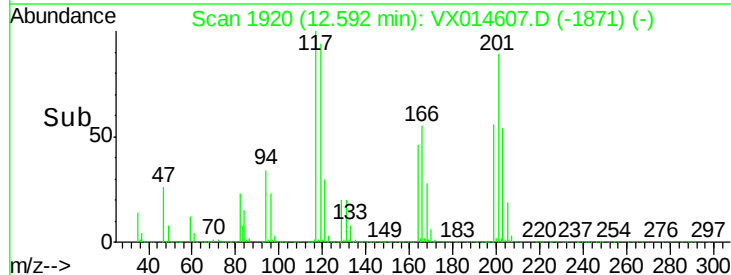
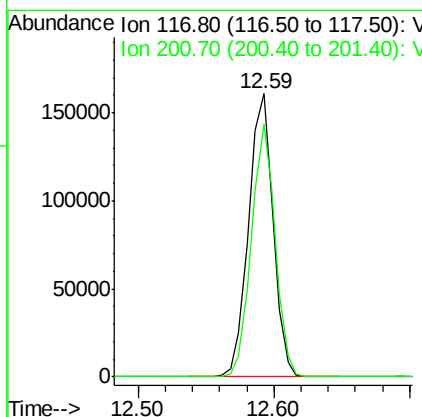
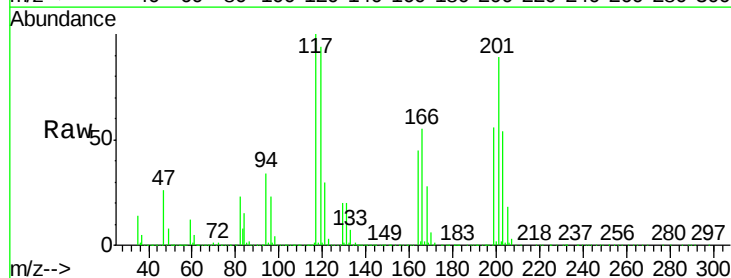
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

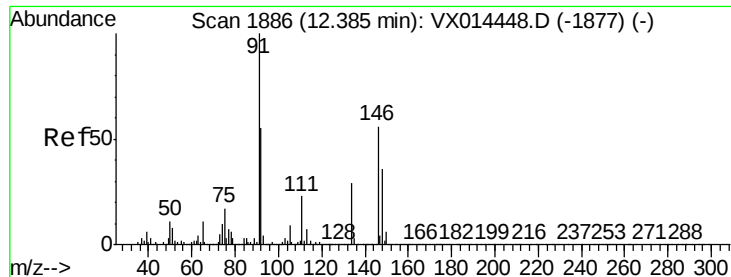
Tgt Ion: 91 Resp: 1032642
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 26.8 13.9 41.7



#90
Hexachloroethane
Concen: 55.659 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014607.D
Acq: 14 Jan 2020 16:59

Tgt Ion: 117 Resp: 203893
Ion Ratio Lower Upper
117 100
201 86.5 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 51.958 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

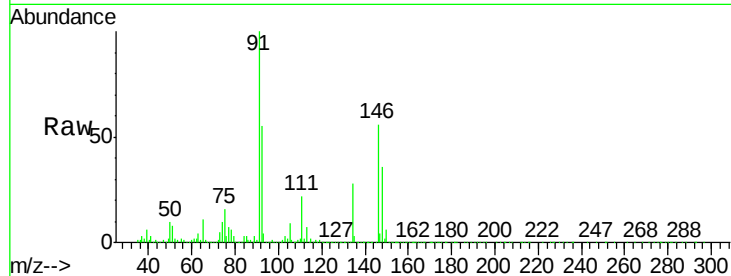
Tgt Ion:146 Resp: 583872

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

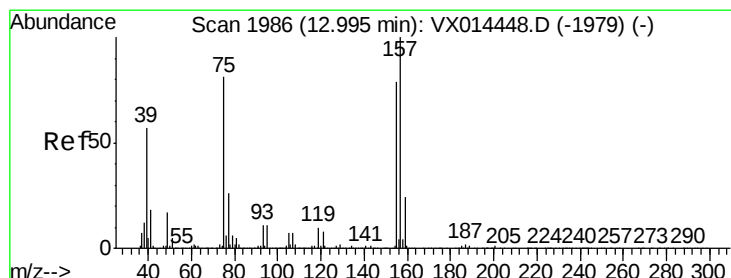
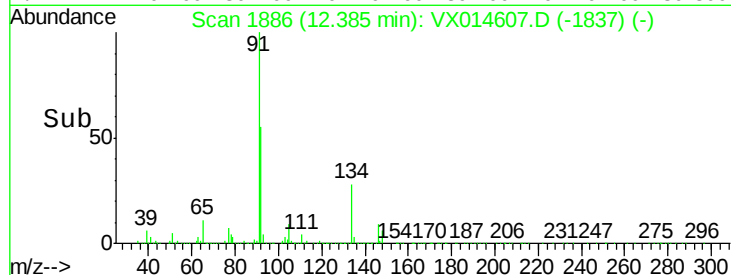
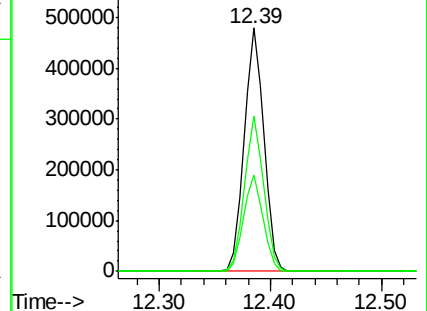
148 62.8 32.3 96.8



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: 51.867 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

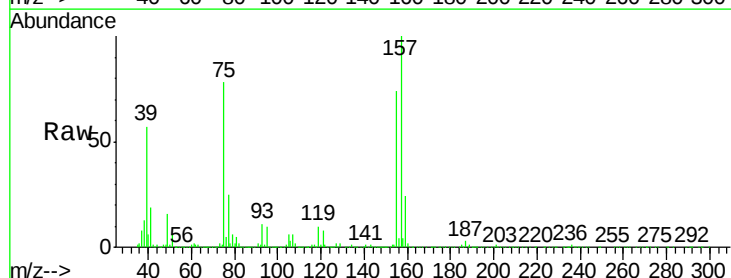
Tgt Ion: 75 Resp: 86226

Ion Ratio Lower Upper

75 100

155 92.6 48.7 146.1

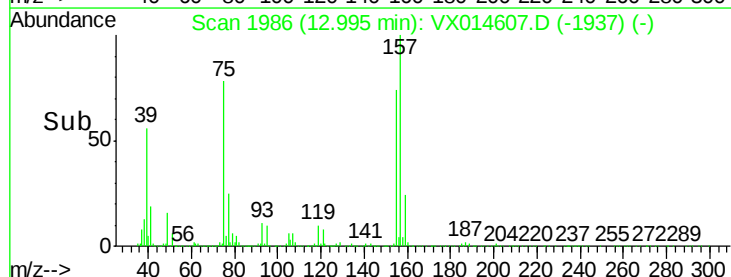
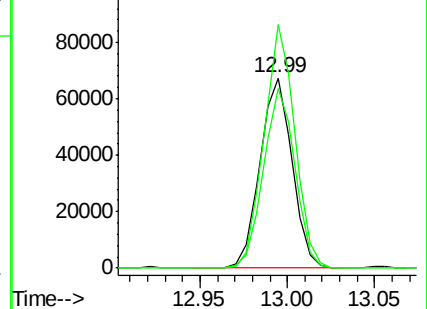
157 123.1 62.0 185.9

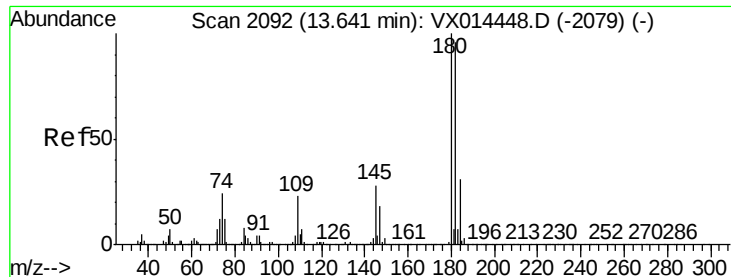


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

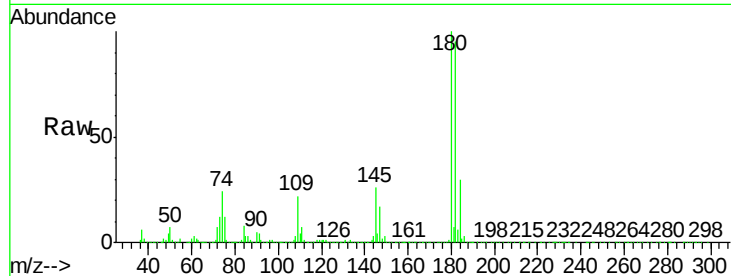




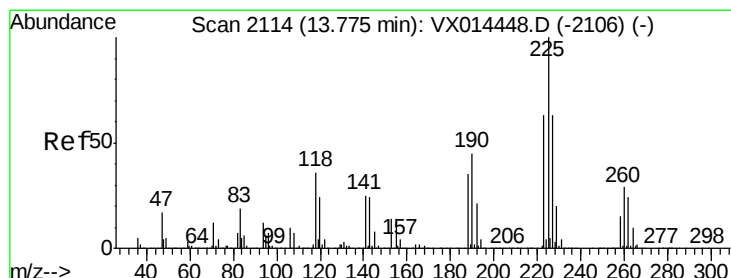
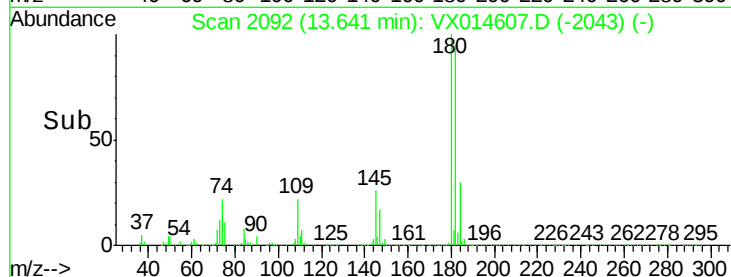
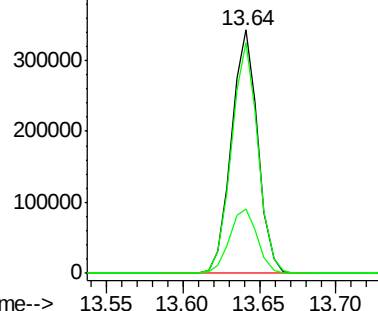
#93
 1,2,4-Trichlorobenzene
 Concen: 52.186 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 411544
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.5
 145 28.0 13.9 41.6

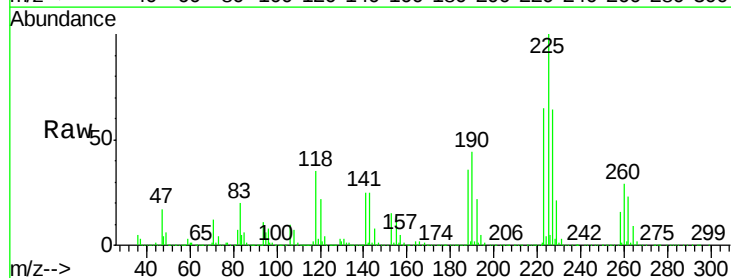


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

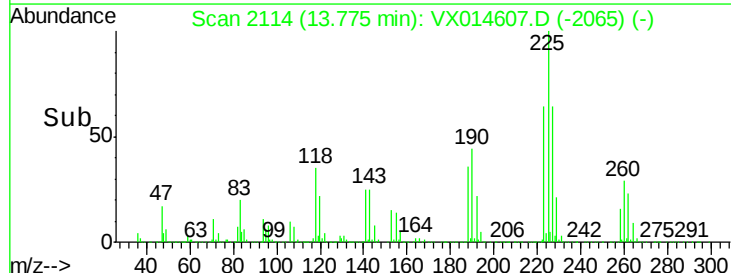
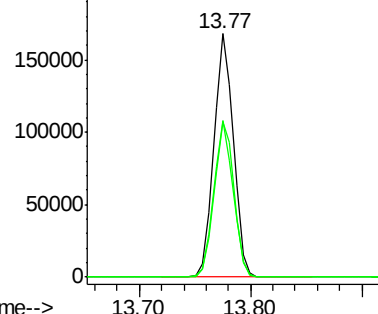


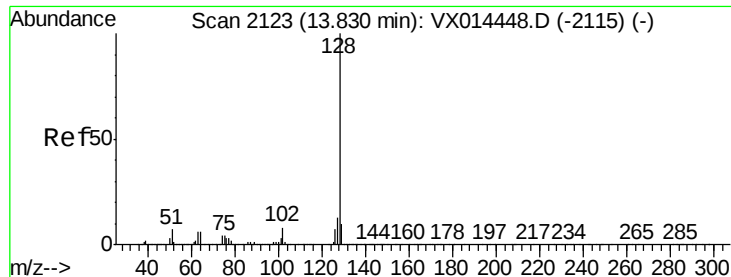
#94
 Hexachlorobutadiene
 Concen: 54.966 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014607.D
 Acq: 14 Jan 2020 16:59

Tgt Ion:225 Resp: 203057
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 64.7 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.727 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

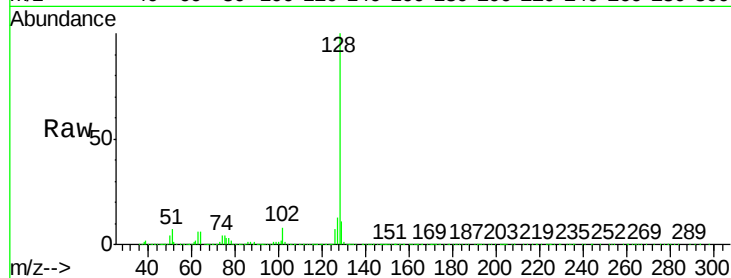
Tgt Ion:128 Resp: 1168328

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

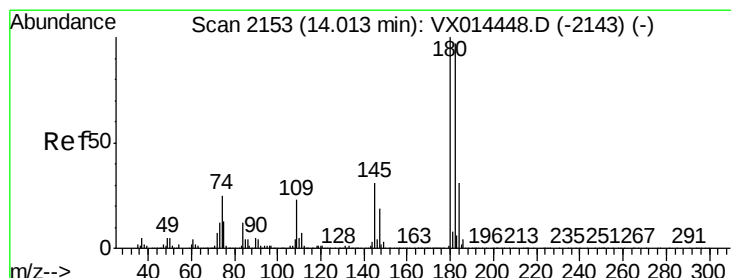
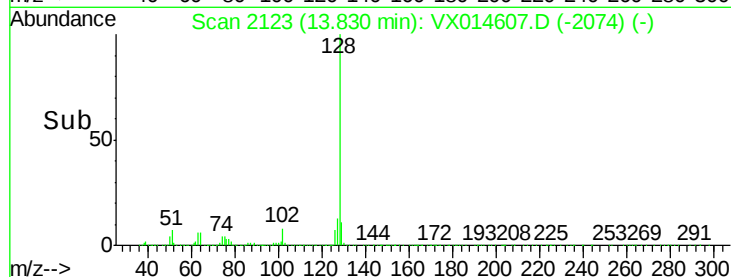
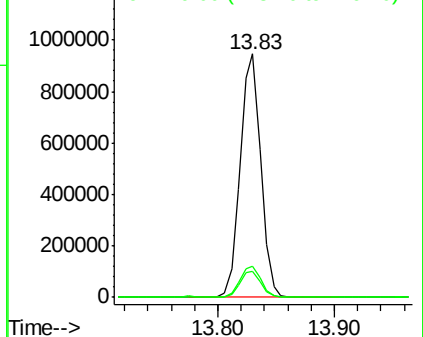
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.702 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014607.D

Acq: 14 Jan 2020 16:59

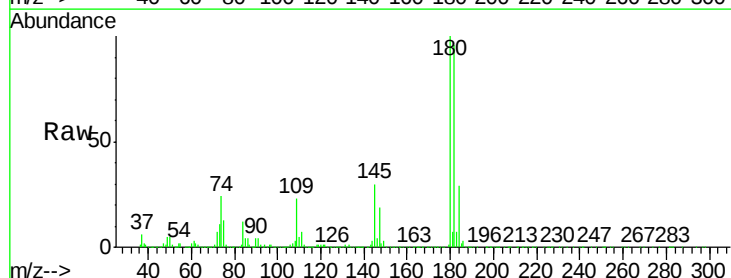
Tgt Ion:180 Resp: 407814

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 30.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

