

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX011420\
 Data File : VX014596.D
 Acq On : 14 Jan 2020 09:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 14 23:30:45 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	458081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	674250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	614138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320890	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	251754	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.48	113	209387	51.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	801831	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	284806	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	310439	54.562	ug/l	97
3) Chloromethane	1.32	50	308248	52.790	ug/l	100
4) Vinyl Chloride	1.40	62	357729	54.979	ug/l	99
5) Bromomethane	1.63	94	210580	48.824	ug/l	100
6) Chloroethane	1.72	64	198546	56.157	ug/l	99
7) Trichlorofluoromethane	1.92	101	389306	52.745	ug/l	98
8) Diethyl Ether	2.18	74	168892	50.156	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	238094	53.022	ug/l	99
10) Methyl Iodide	2.50	142	313182	58.245	ug/l	99
11) Tert butyl alcohol	3.02	59	250429	234.541	ug/l	99
12) 1,1-Dichloroethene	2.36	96	231556	51.181	ug/l	99
13) Acrolein	2.28	56	190101	222.127	ug/l	100
14) Allyl chloride	2.72	41	417596	52.573	ug/l	99
15) Acrylonitrile	3.12	53	665774	258.350	ug/l	99
16) Acetone	2.43	43	746460	291.827	ug/l	98
17) Carbon Disulfide	2.56	76	617741	48.935	ug/l	99
18) Methyl Acetate	2.76	43	403228	54.862	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	767029	52.813	ug/l	100
20) Methylene Chloride	2.84	84	262667	51.059	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	249830	50.581	ug/l	98
22) Diisopropyl ether	3.84	45	844886	55.040	ug/l	99
23) Vinyl Acetate	3.80	43	3295428	277.289	ug/l	99
24) 1,1-Dichloroethane	3.69	63	451486	54.067	ug/l	99
25) 2-Butanone	4.65	43	1026676	268.775	ug/l	99
26) 2,2-Dichloropropane	4.57	77	372701	52.687	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	283729	51.386	ug/l	99
28) Bromochloromethane	5.00	49	177673	50.494	ug/l	96
29) Tetrahydrofuran	5.11	42	593842	262.944	ug/l	98
30) Chloroform	5.19	83	442170	54.188	ug/l	96
31) Cyclohexane	5.57	56	430035	55.018	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	377558	54.055	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342992	54.094	ug/l	98
37) Ethyl Acetate	4.81	43	353315	51.299	ug/l	99
38) Carbon Tetrachloride	5.77	117	324744	55.655	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX011420\
 Data File : VX014596.D
 Acq On : 14 Jan 2020 09:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 14 23:30:45 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)
39) Methylcyclohexane	7.45	83	439237	55.138	ug/l	98
40) Benzene	6.13	78	1029562	54.708	ug/l	98
41) Methacrylonitrile	5.02	41	203771	55.481	ug/l	98
42) 1,2-Dichloroethane	6.18	62	352463	53.566	ug/l	100
43) Isopropyl Acetate	6.43	43	594603	53.443	ug/l	99
44) Trichloroethene	7.20	130	288213	53.292	ug/l	98
45) 1,2-Dichloropropane	7.50	63	270490	56.376	ug/l	98
46) Dibromomethane	7.65	93	171688	51.269	ug/l	98
47) Bromodichloromethane	7.89	83	347149	56.971	ug/l	98
48) Methyl methacrylate	7.76	41	298180	55.957	ug/l	99
49) 1,4-Dioxane	7.73	88	111498	987.488	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1851780	273.130	ug/l	99
52) Toluene	8.78	92	651634	54.092	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	383274	54.027	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	426804	55.694	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	263906	54.540	ug/l	98
56) Ethyl methacrylate	9.17	69	414292	55.886	ug/l	99
57) 1,3-Dichloropropane	9.36	76	440970	54.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	758759	300.828	ug/l	99
59) 2-Hexanone	9.48	43	1513256	282.086	ug/l	99
60) Dibromochloromethane	9.57	129	279541	57.477	ug/l	99
61) 1,2-Dibromoethane	9.67	107	270358	52.746	ug/l	100
64) Tetrachloroethene	9.33	164	310801	50.495	ug/l	99
65) Chlorobenzene	10.13	112	704986	52.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	257986	54.241	ug/l	98
67) Ethyl Benzene	10.25	91	1243960	54.760	ug/l	99
68) m/p-Xylenes	10.35	106	955283	109.002	ug/l	97
69) o-Xylene	10.69	106	458987	54.891	ug/l	99
70) Styrene	10.70	104	801020	55.509	ug/l	99
71) Bromoform	10.85	173	212020	54.483	ug/l	100
73) Isopropylbenzene	11.01	105	1230428	54.605	ug/l	100
74) N-amyl acetate	10.89	43	524561	52.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	386428	53.475	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	456671	68.783	ug/l	82
77) Bromobenzene	11.25	156	318531	50.973	ug/l	100
78) n-propylbenzene	11.35	91	1436834	55.678	ug/l	99
79) 2-Chlorotoluene	11.42	91	818416	53.212	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1028237	54.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133720	53.248	ug/l	96
82) 4-Chlorotoluene	11.50	91	967909	53.613	ug/l	98
83) tert-Butylbenzene	11.76	119	969494	54.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1040334	55.033	ug/l	100
85) sec-Butylbenzene	11.94	105	1219078	55.477	ug/l	99
86) p-Isopropyltoluene	12.06	119	1130663	55.448	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	574197	51.200	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	574815	54.611	ug/l	99
89) n-Butylbenzene	12.38	91	1005041	53.906	ug/l	100
90) Hexachloroethane	12.59	117	196191	54.774	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	569902	51.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82456	50.727	ug/l	96

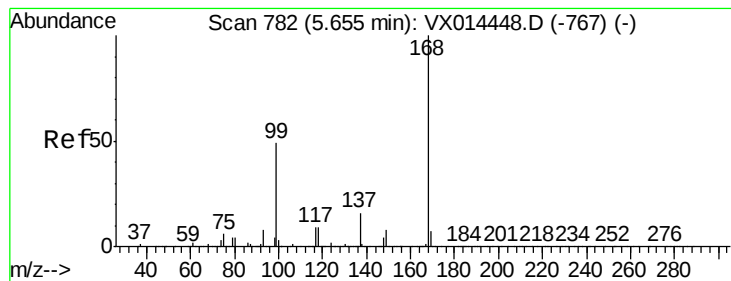
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
Data File : VX014596.D
Acq On : 14 Jan 2020 09:38
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jan 14 23:30:45 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)
93) 1,2,4-Trichlorobenzene	13.64	180	404350	52.440	ug/l	100
94) Hexachlorobutadiene	13.78	225	202035	55.931	ug/l	99
95) Naphthalene	13.83	128	1161380	48.521	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398729	52.699	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: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

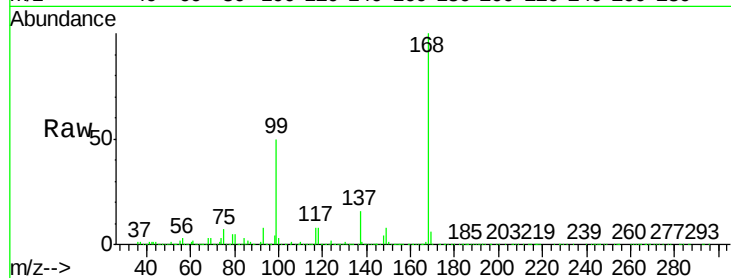
VSTDCCC050

Tgt Ion:168 Resp: 458081

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

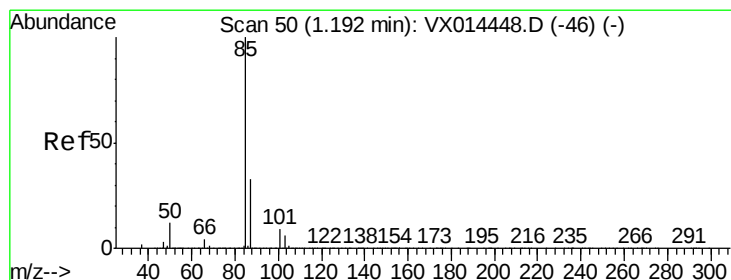
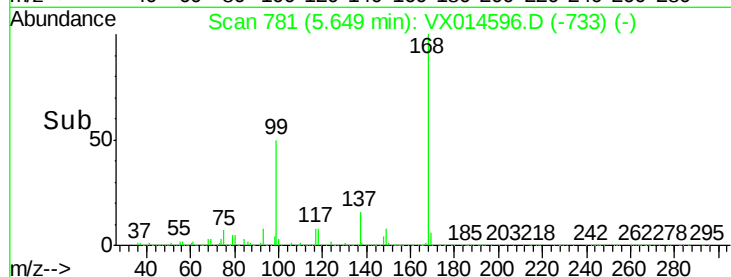
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.562 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014596.D

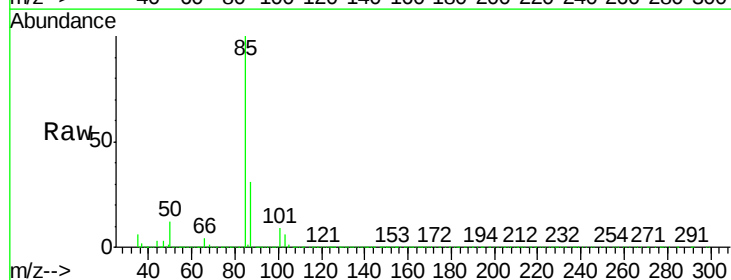
Acq: 14 Jan 2020 09:38

Tgt Ion: 85 Resp: 310439

Ion Ratio Lower Upper

85 100

87 31.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

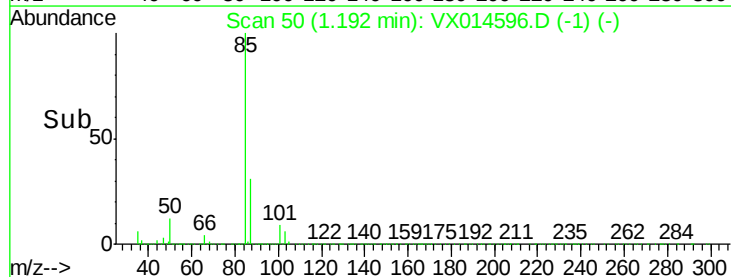
300000

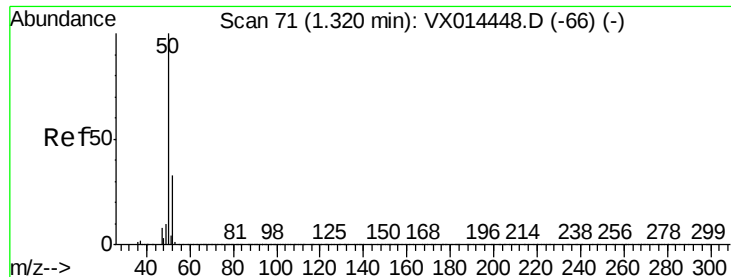
200000

100000

0

Time-->

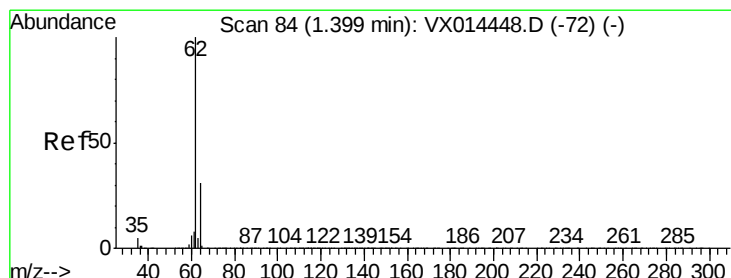
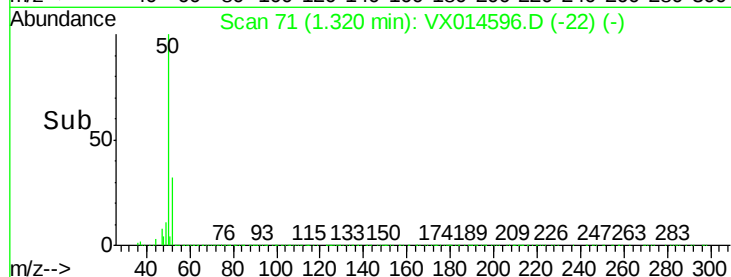
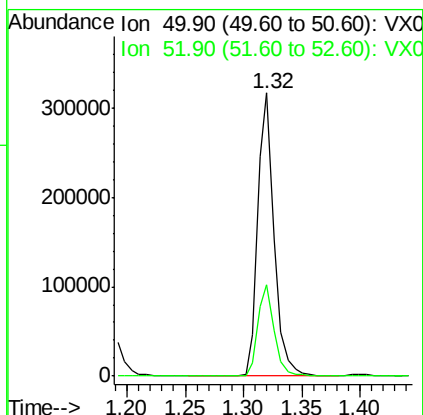
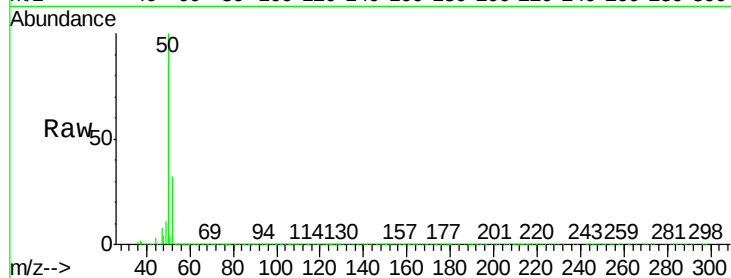




#3
Chloromethane
Concen: 52.790 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

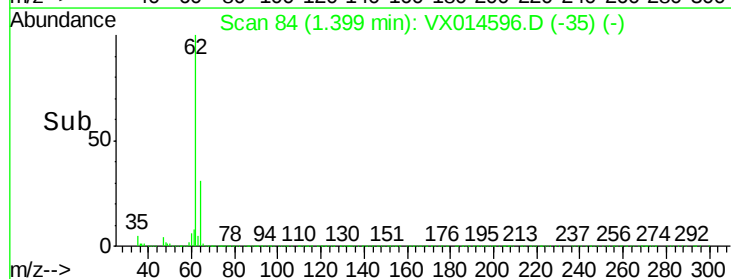
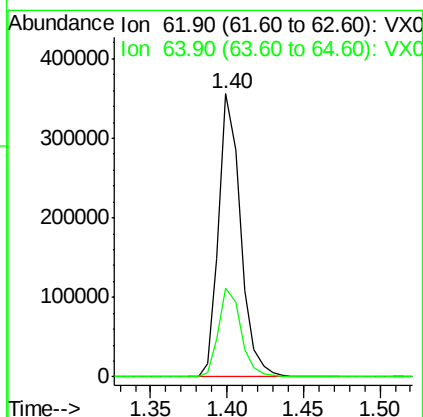
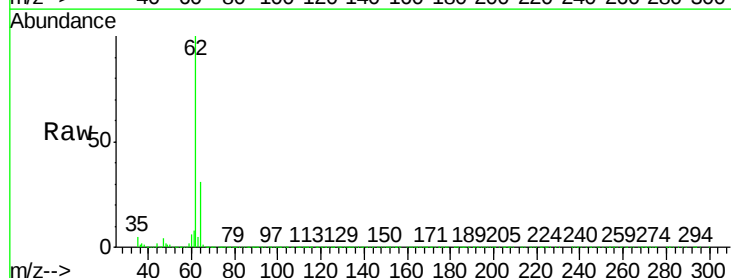
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

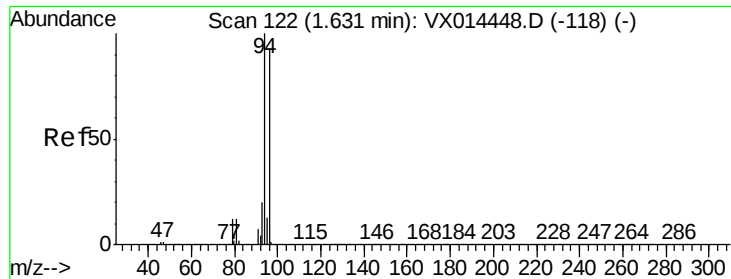
Tgt Ion: 50 Resp: 308248
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1



#4
Vinyl Chloride
Concen: 54.979 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 62 Resp: 357729
Ion Ratio Lower Upper
62 100
64 31.2 24.6 37.0





#5

Bromomethane

Concen: 48.824 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

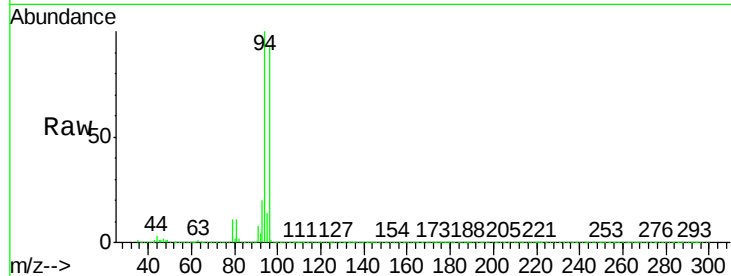
VSTDCCC050

Tgt Ion: 94 Resp: 210580

Ion Ratio Lower Upper

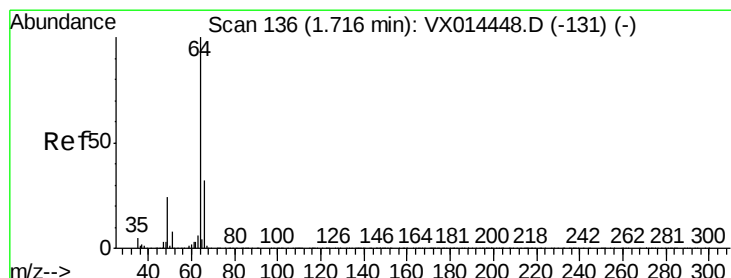
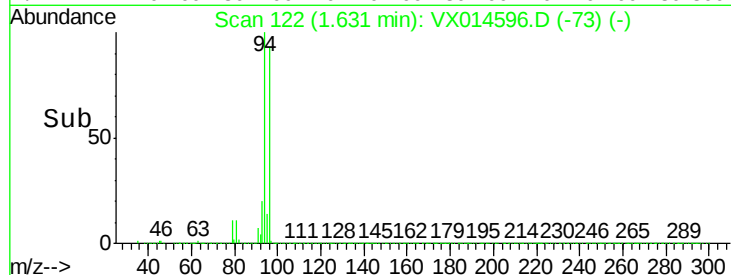
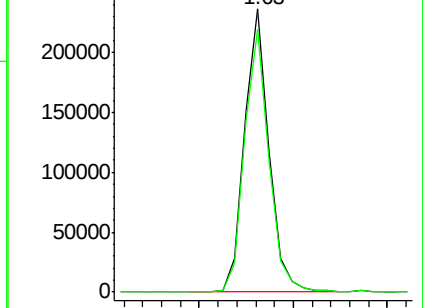
94 100

96 92.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.157 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014596.D

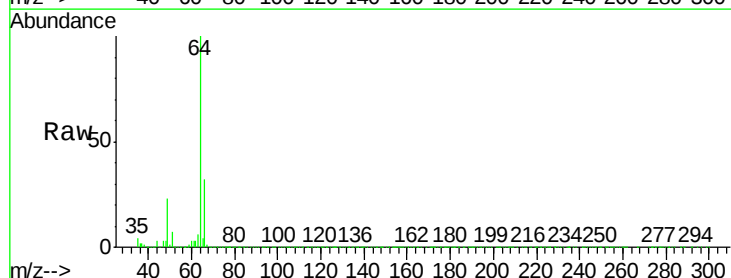
Acq: 14 Jan 2020 09:38

Tgt Ion: 64 Resp: 198546

Ion Ratio Lower Upper

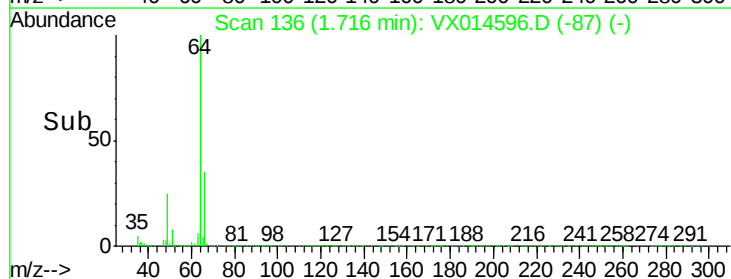
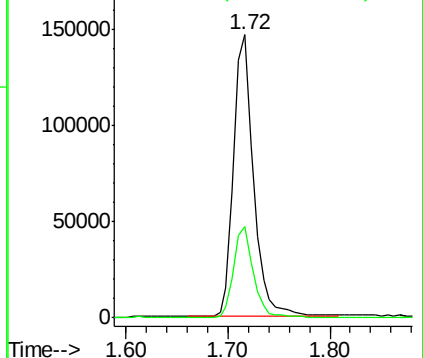
64 100

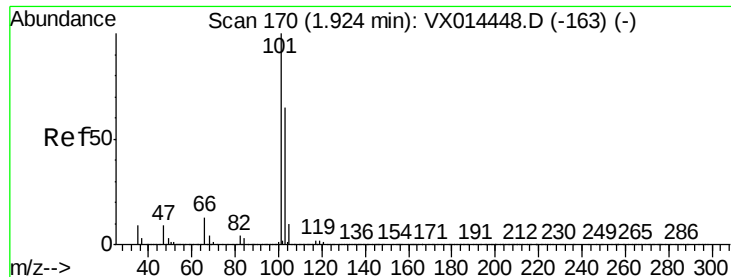
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



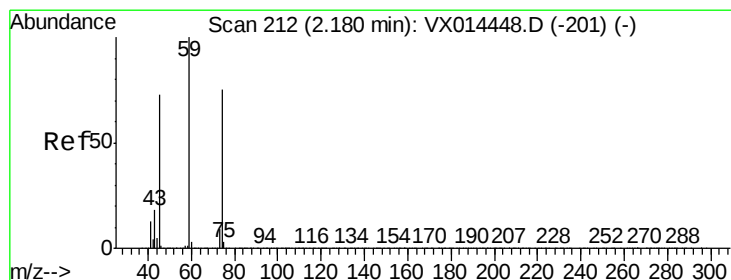
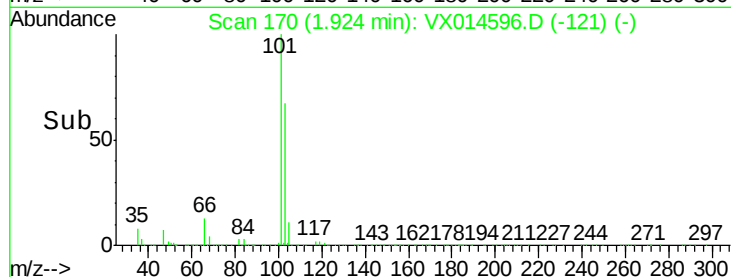
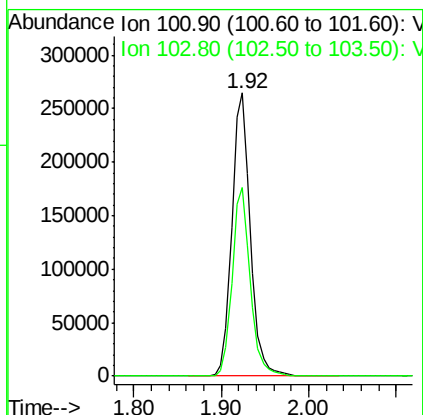
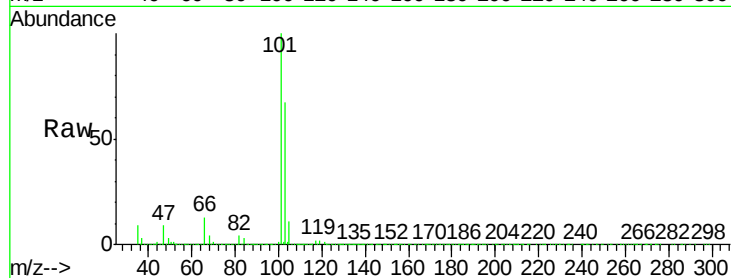


#7

Trichlorofluoromethane
Concen: 52.745 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

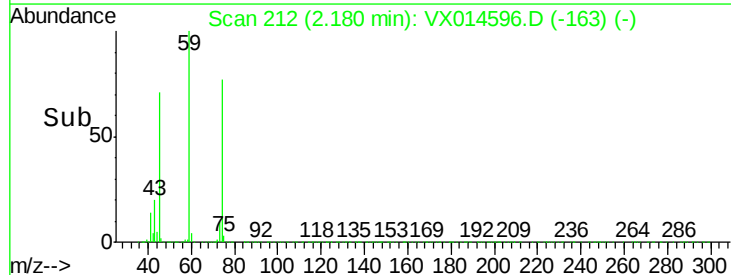
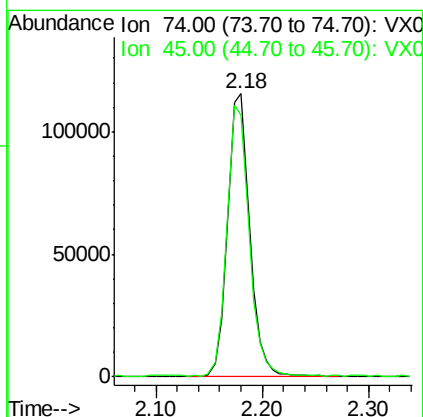
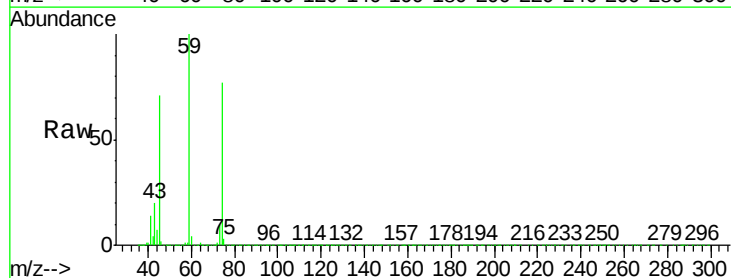
Tgt Ion:101 Resp: 389306
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.4

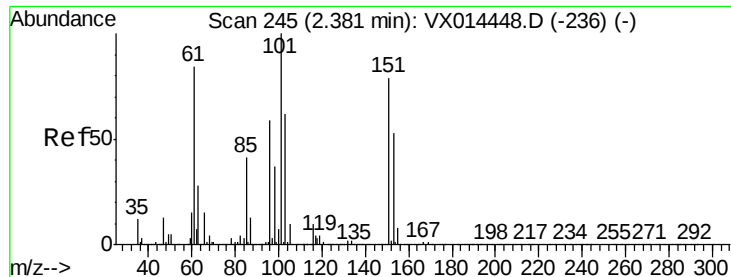


#8

Diethyl Ether
Concen: 50.156 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 74 Resp: 168892
Ion Ratio Lower Upper
74 100
45 96.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.022 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

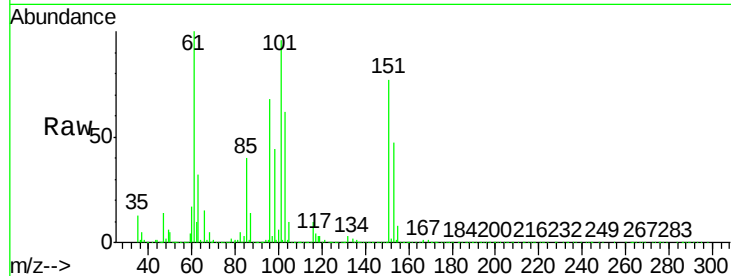
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

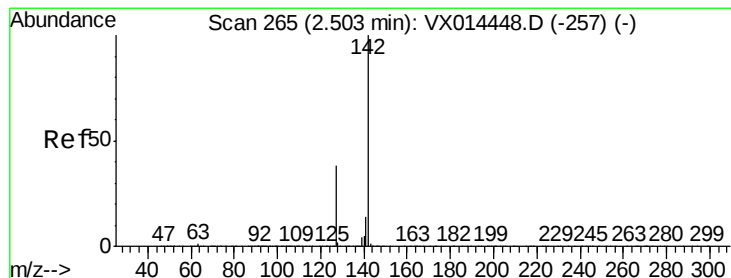
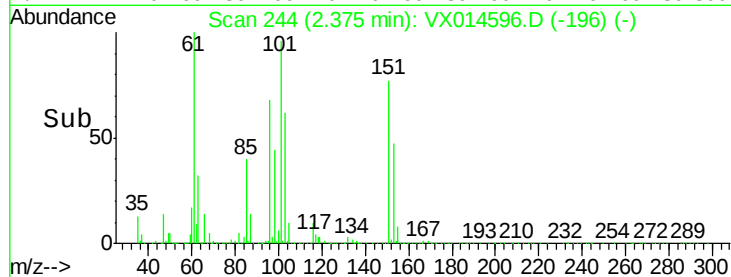
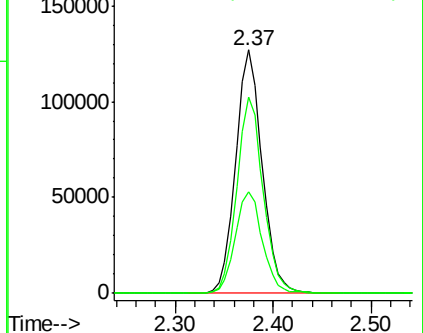
Tgt Ion:	101	Resp:	238094
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.8	50.8
151	80.6	65.3	97.9



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: 58.245 ug/l

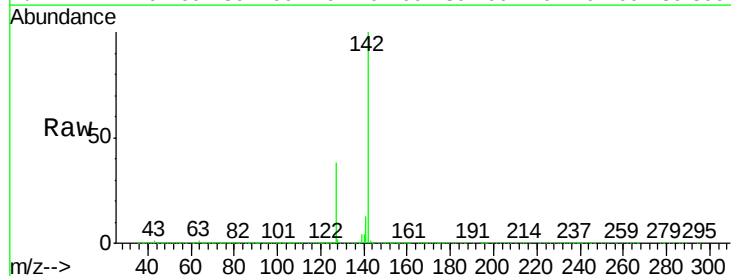
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

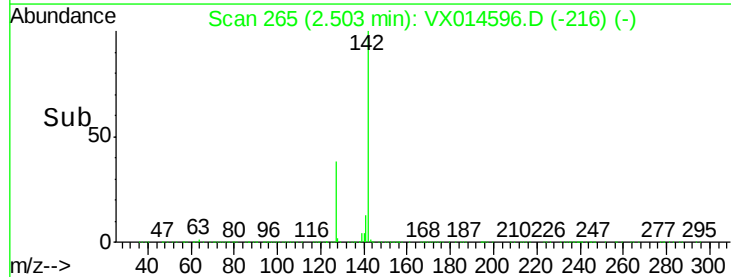
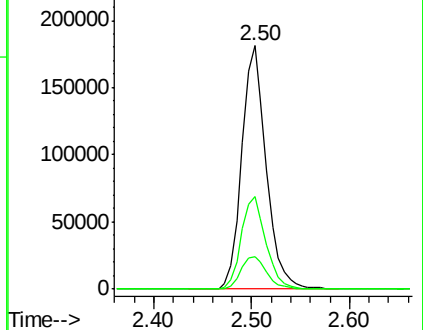
Tgt Ion:	142	Resp:	313182
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.2	46.8
141	14.3	11.4	17.2

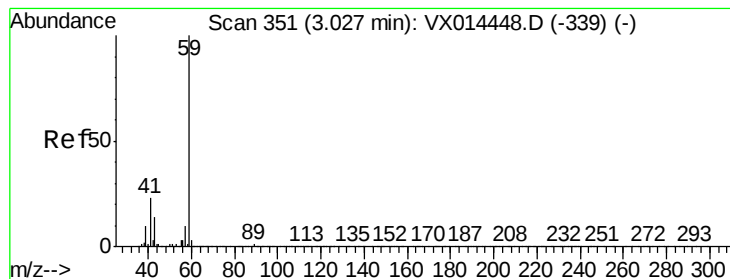


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



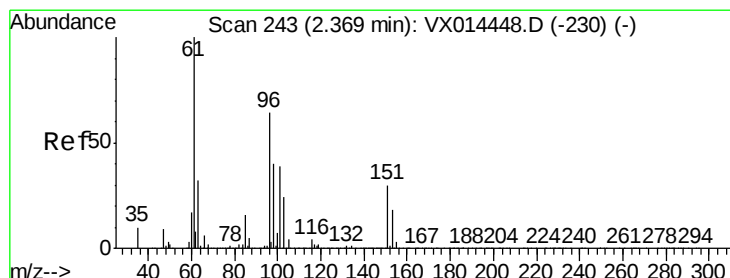
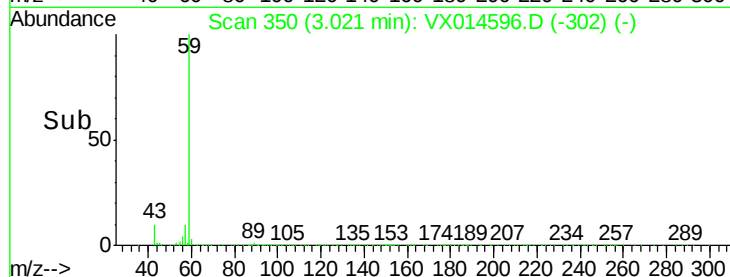
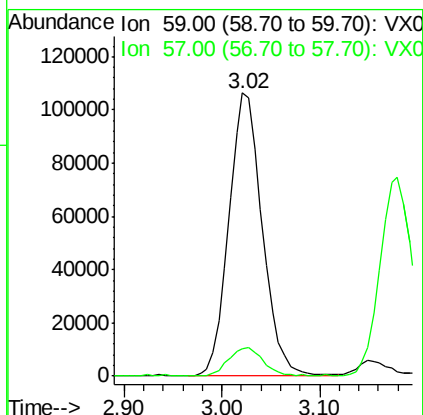
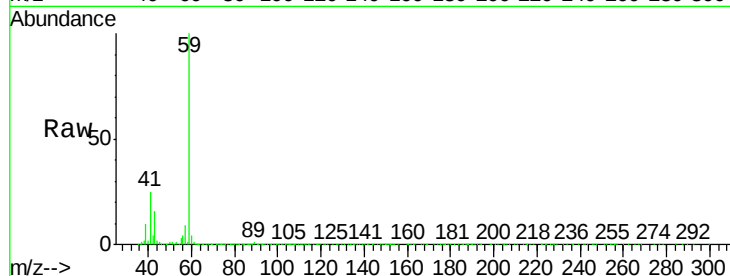


#11

Tert butyl alcohol
 Concen: 234.541 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

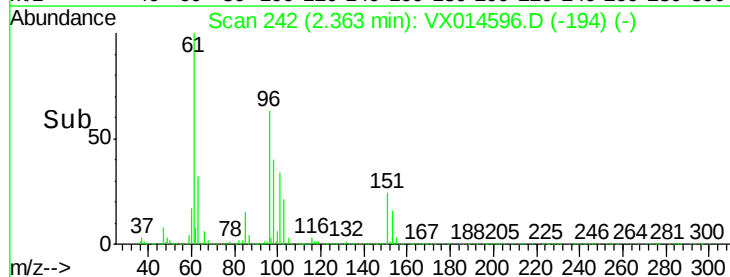
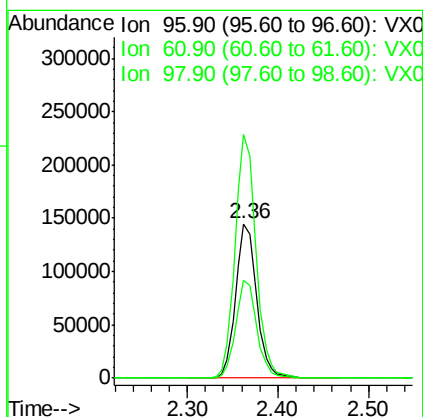
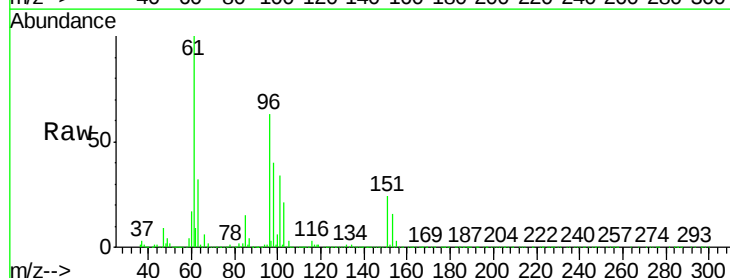
Tgt Ion: 59 Resp: 250429
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

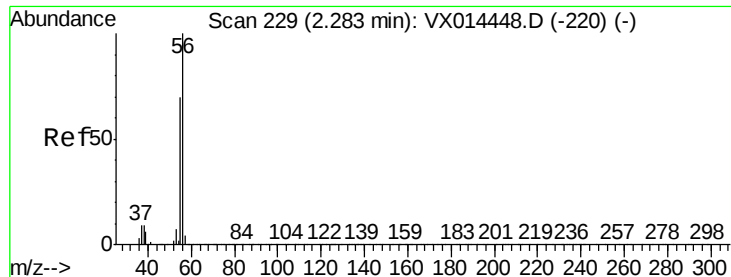


#12

1,1-Dichloroethene
 Concen: 51.181 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion: 96 Resp: 231556
 Ion Ratio Lower Upper
 96 100
 61 157.8 125.0 187.6
 98 63.2 50.2 75.2





#13

Acrolein

Concen: 222.127 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

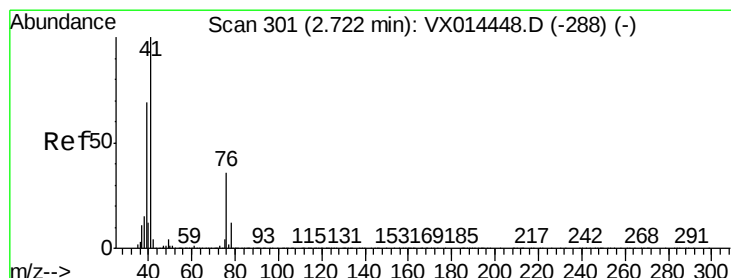
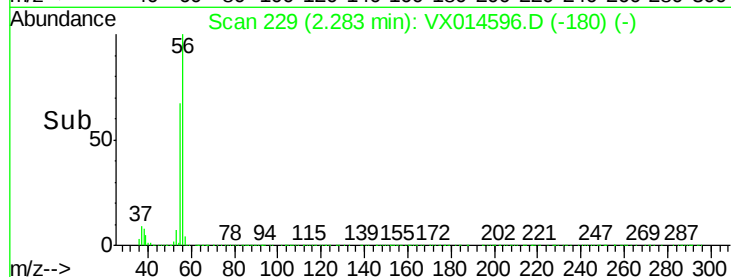
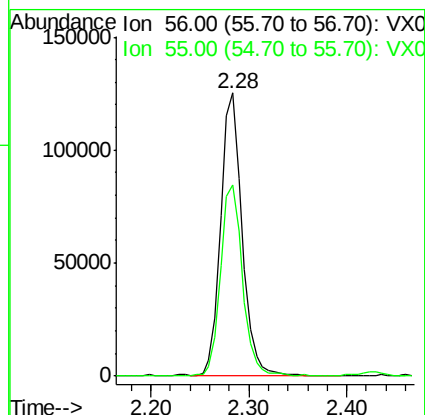
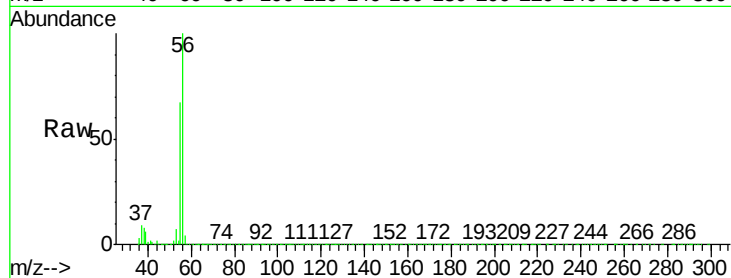
VSTDCCC050

Tgt Ion: 56 Resp: 190101

Ion Ratio Lower Upper

56 100

55 68.9 55.0 82.6



#14

Allyl chloride

Concen: 52.573 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

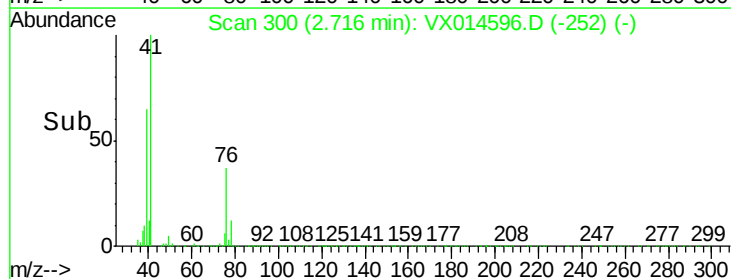
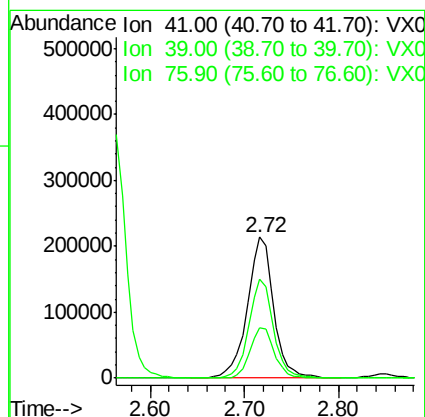
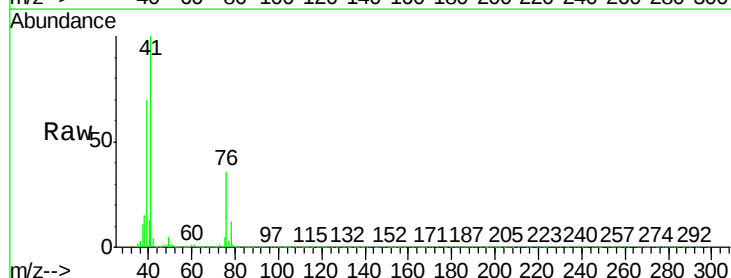
Tgt Ion: 41 Resp: 417596

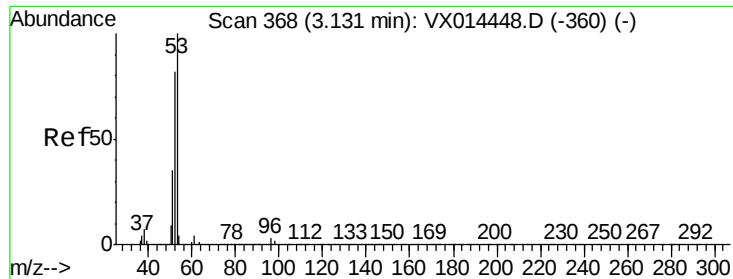
Ion Ratio Lower Upper

41 100

39 64.9 51.7 77.5

76 32.8 26.8 40.2

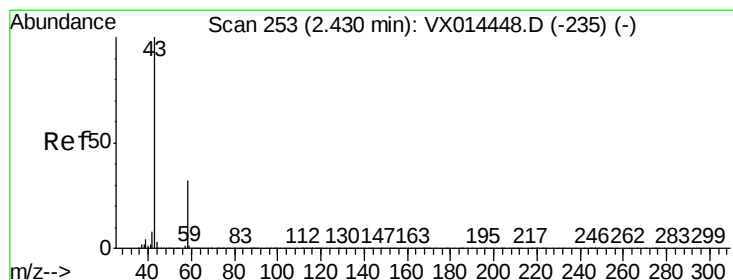
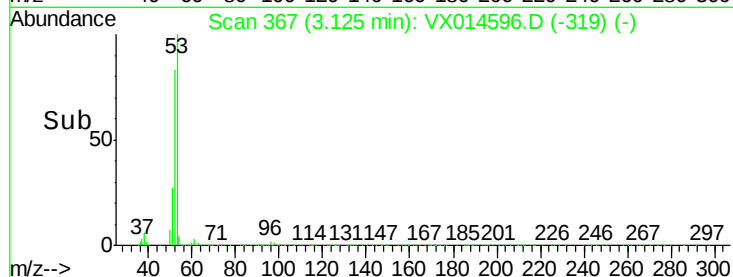
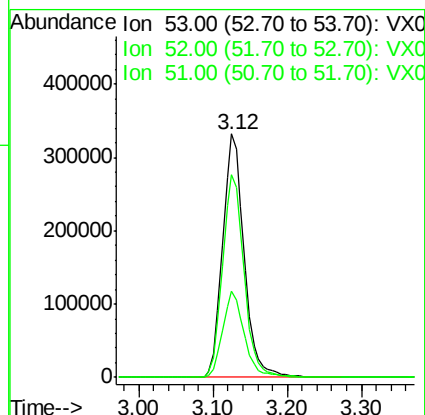
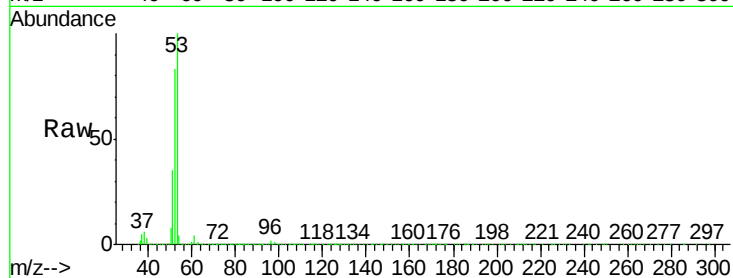




#15
Acrylonitrile
Concen: 258.350 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

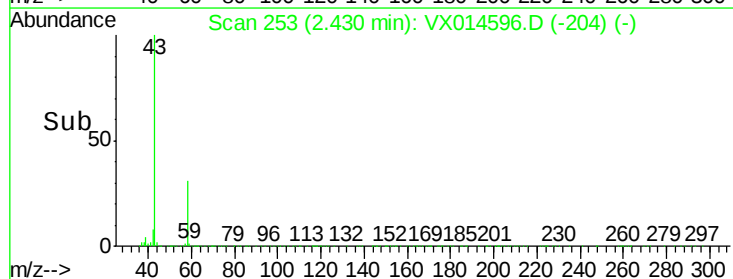
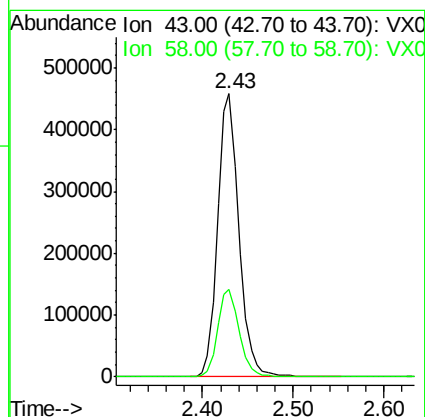
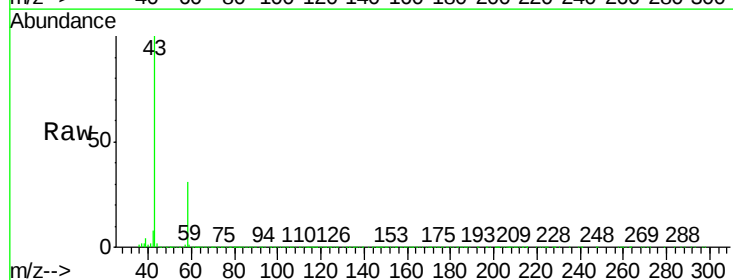
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

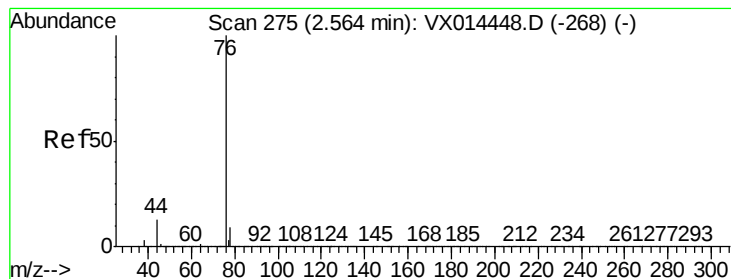
Tgt Ion: 53 Resp: 665774
Ion Ratio Lower Upper
53 100
52 82.8 67.0 100.4
51 35.5 28.5 42.7



#16
Acetone
Concen: 291.827 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 43 Resp: 746460
Ion Ratio Lower Upper
43 100
58 30.8 25.4 38.0





#17

Carbon Disulfide

Concen: 48.935 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

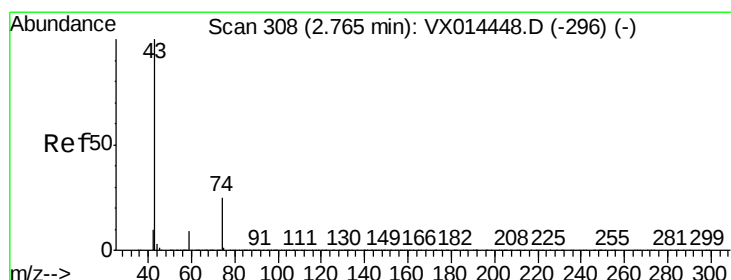
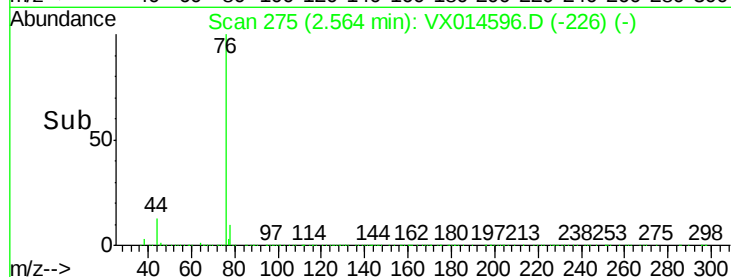
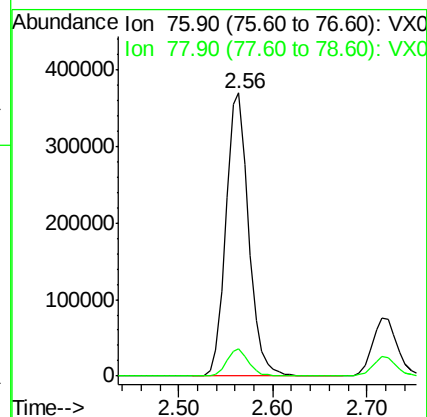
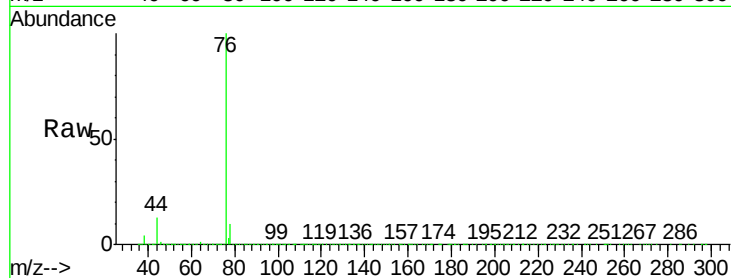
VSTDCCC050

Tgt Ion: 76 Resp: 617741

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



#18

Methyl Acetate

Concen: 54.862 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014596.D

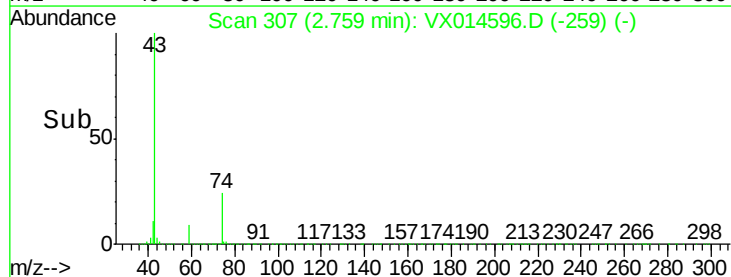
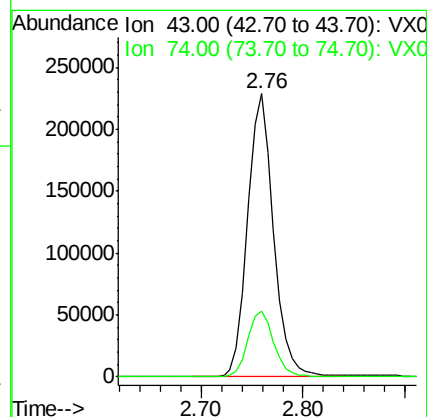
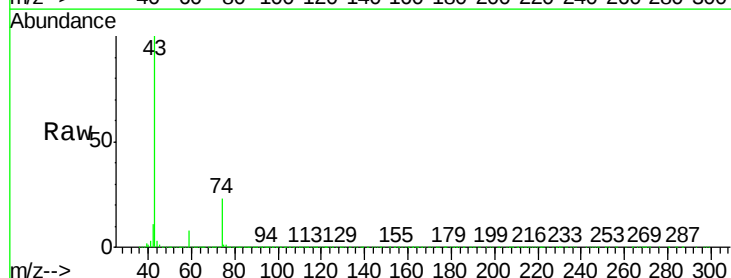
Acq: 14 Jan 2020 09:38

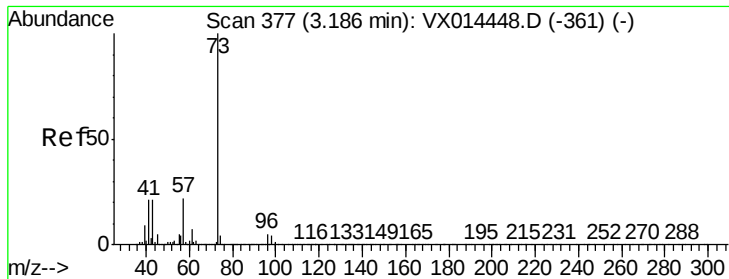
Tgt Ion: 43 Resp: 403228

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2

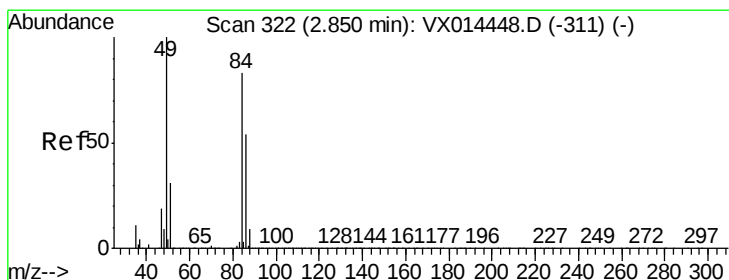
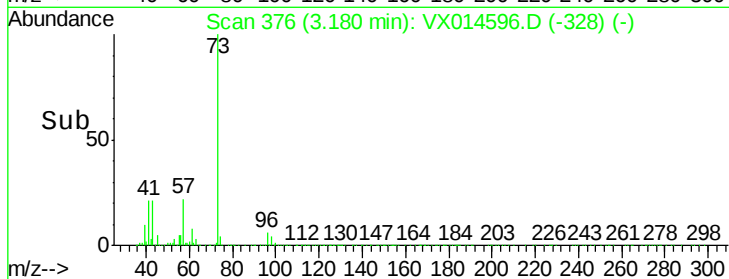
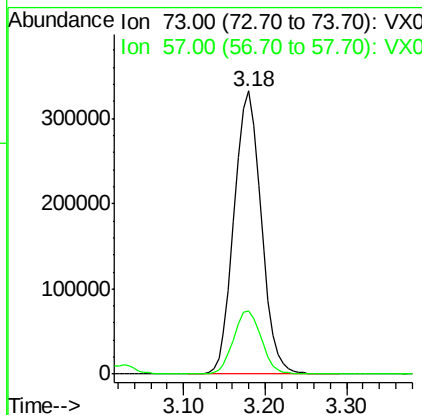
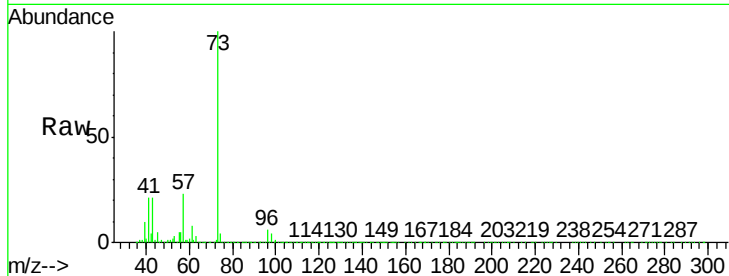




#19
Methyl tert-butyl Ether
Concen: 52.813 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

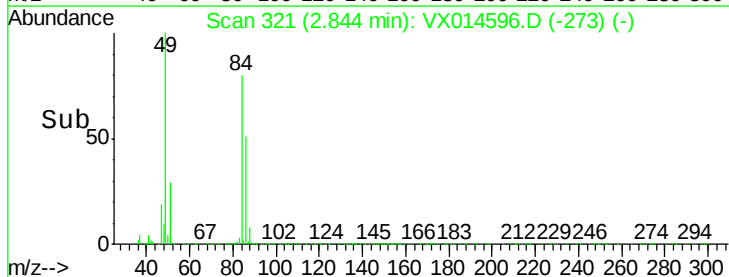
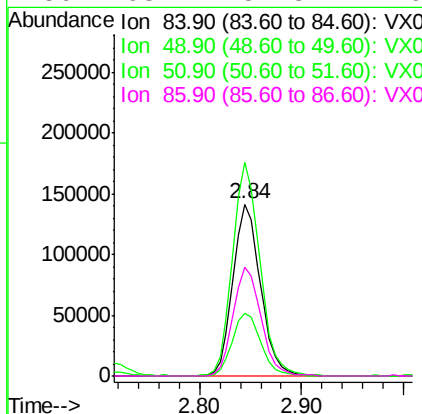
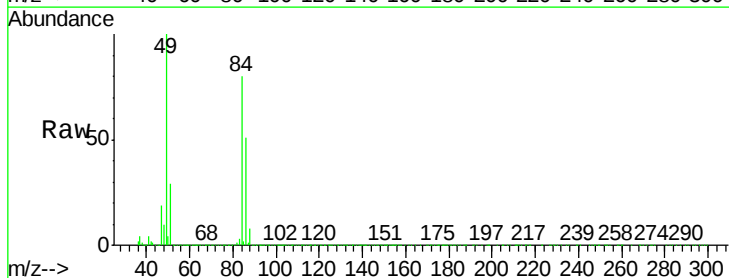
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

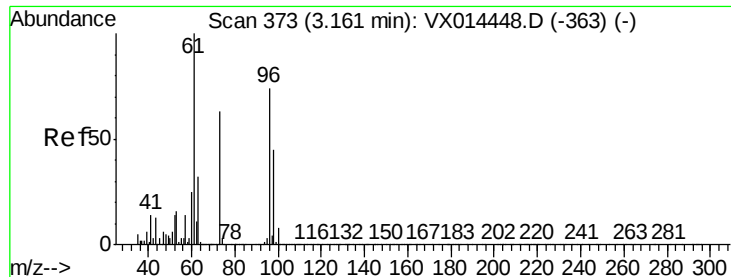
Tgt Ion: 73 Resp: 767029
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 51.059 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 84 Resp: 262667
Ion Ratio Lower Upper
84 100
49 124.5 95.8 143.8
51 36.3 30.2 45.4
86 63.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.581 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

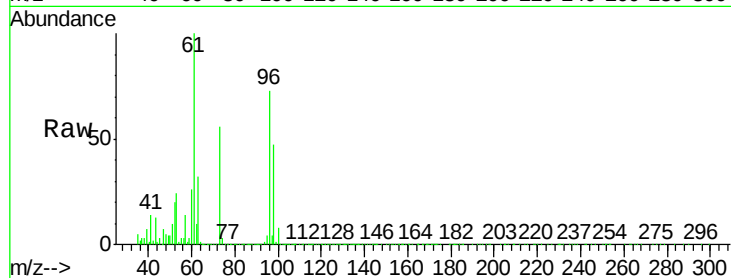
Tgt Ion: 96 Resp: 249830

Ion Ratio Lower Upper

96 100

61 136.8 108.2 162.4

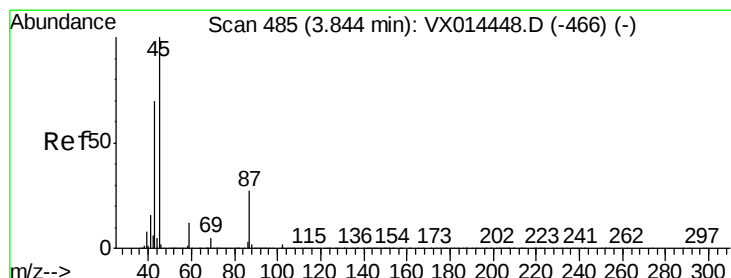
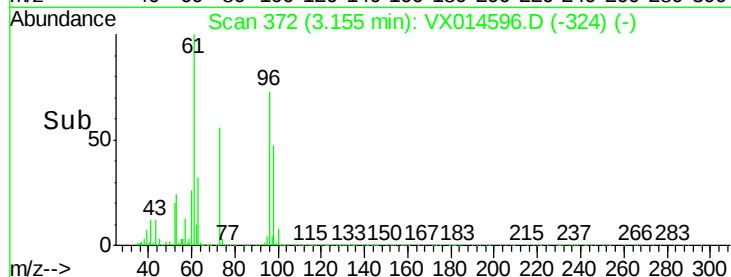
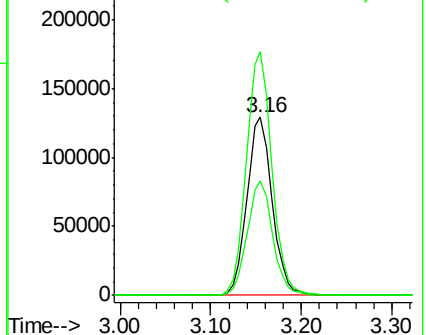
98 64.5 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.040 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion: 45 Resp: 844886

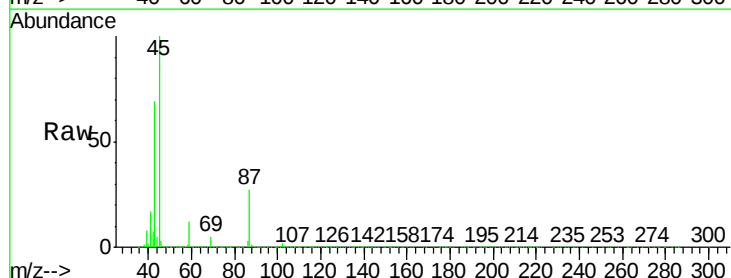
Ion Ratio Lower Upper

45 100

43 69.1 55.8 83.6

87 27.2 21.8 32.8

59 11.6 9.1 13.7

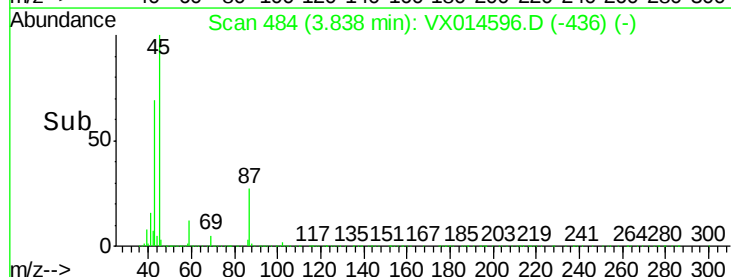
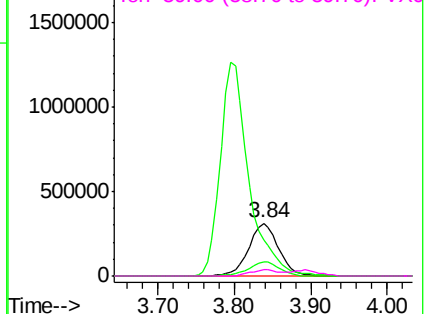


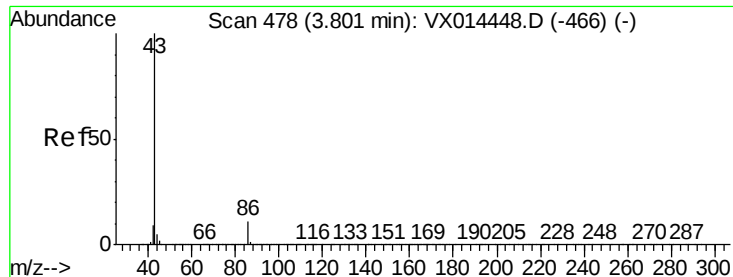
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 277.289 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

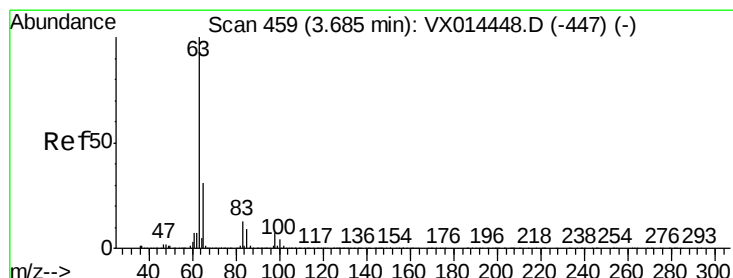
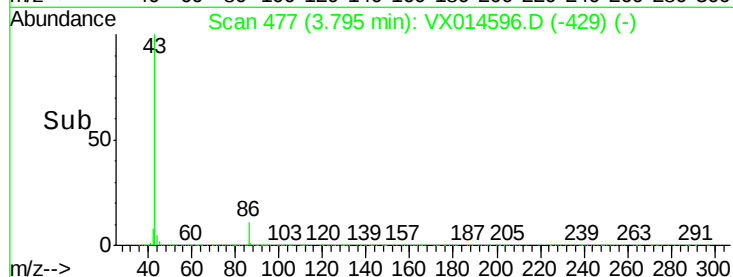
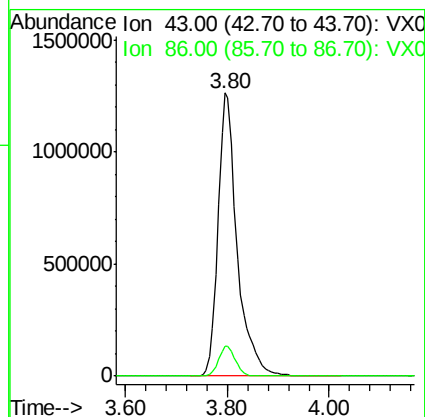
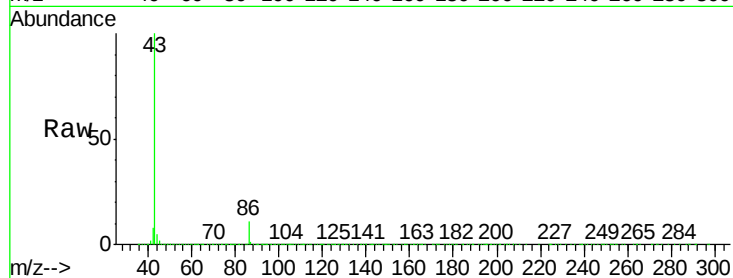
VSTDCCC050

Tgt Ion: 43 Resp: 3295428

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



#24

1,1-Dichloroethane

Concen: 54.067 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

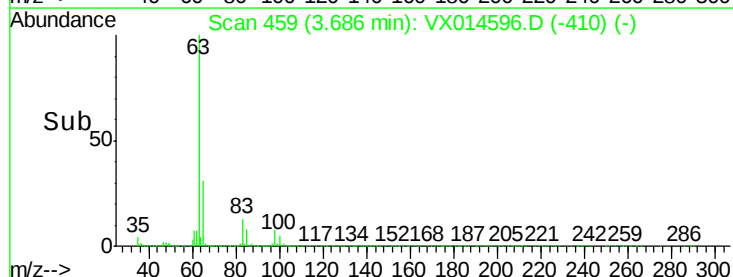
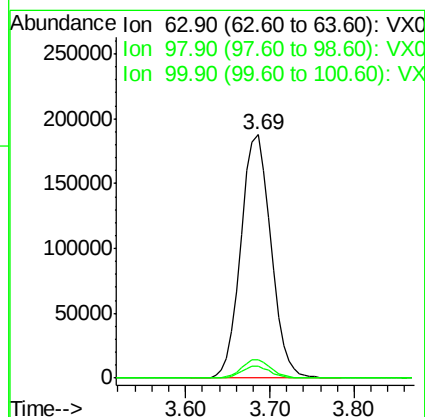
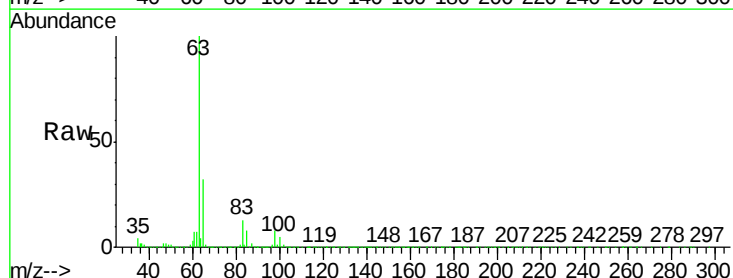
Tgt Ion: 63 Resp: 451486

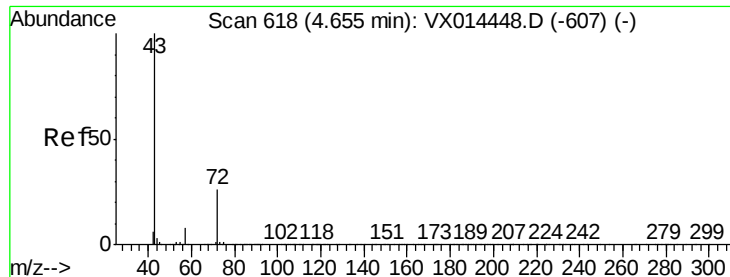
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 268.775 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

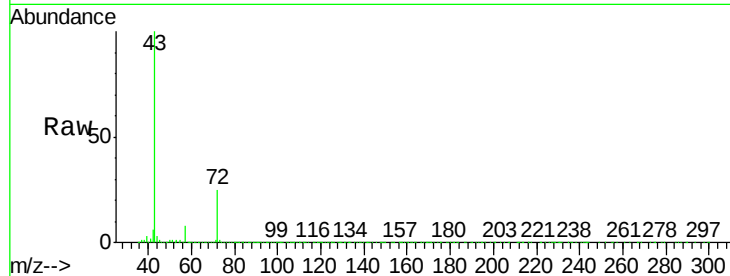
VSTDCCC050

Tgt Ion: 43 Resp: 1026676

Ion Ratio Lower Upper

43 100

72 25.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

400000

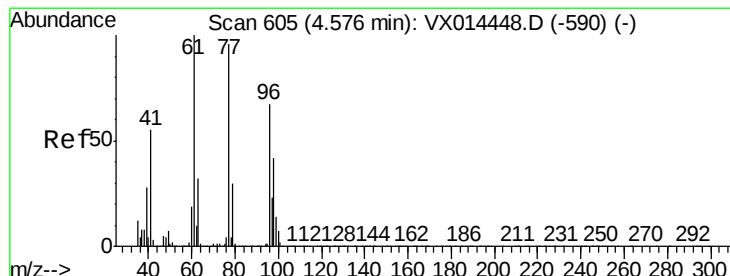
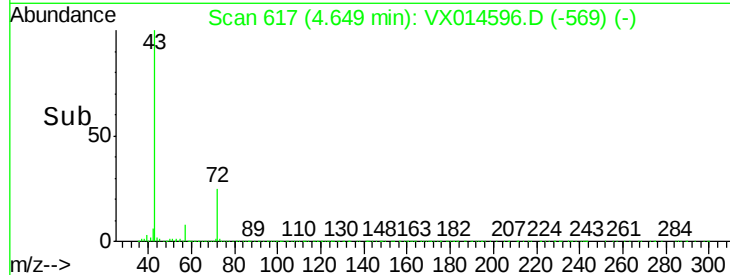
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.687 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014596.D

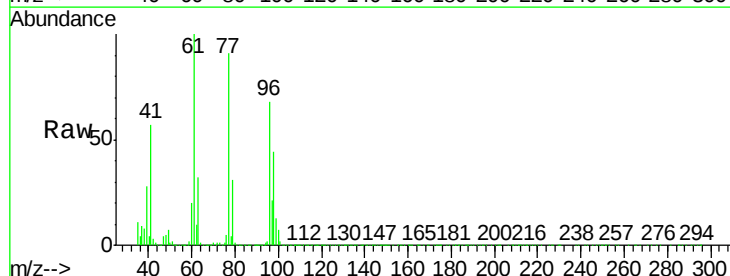
Acq: 14 Jan 2020 09:38

Tgt Ion: 77 Resp: 372701

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

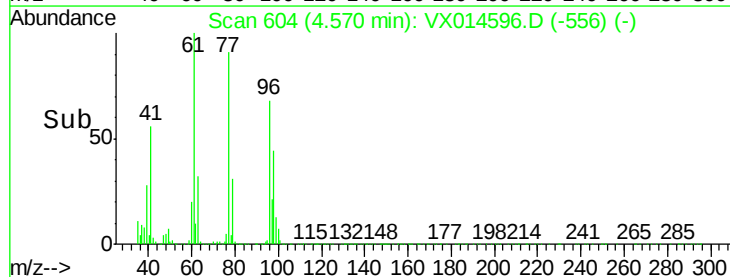
4.57

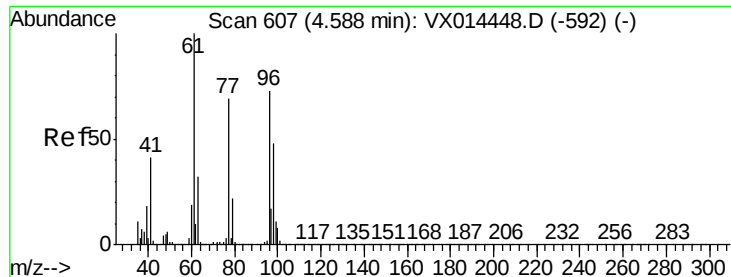
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.386 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

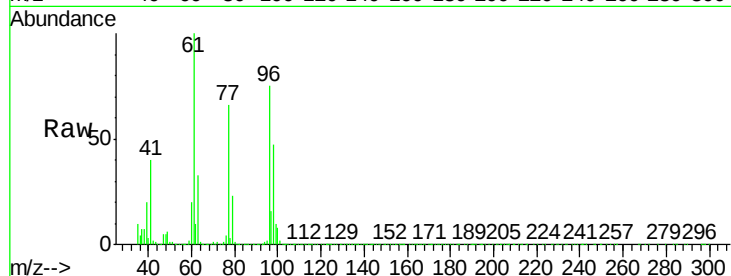
Tgt Ion: 96 Resp: 283729

Ion Ratio Lower Upper

96 100

61 144.7 0.0 285.4

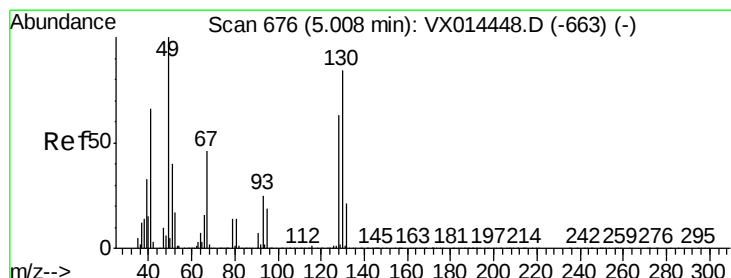
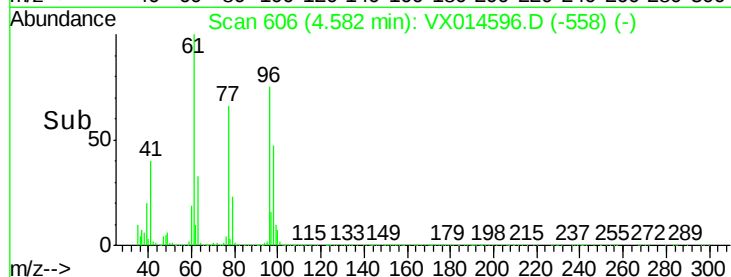
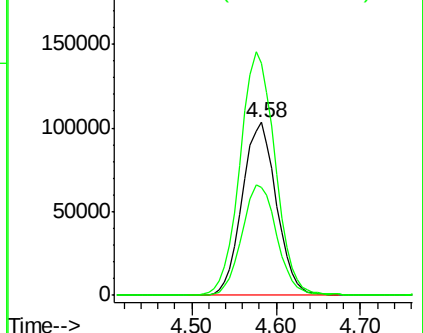
98 65.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.494 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

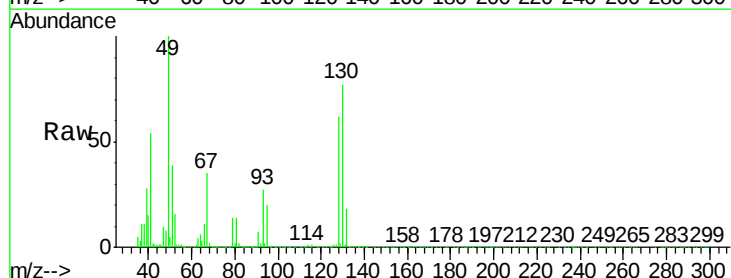
Tgt Ion: 49 Resp: 177673

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

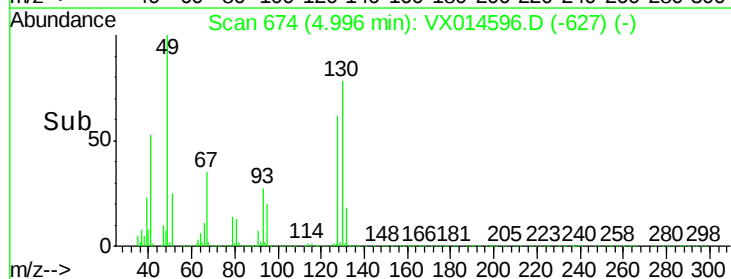
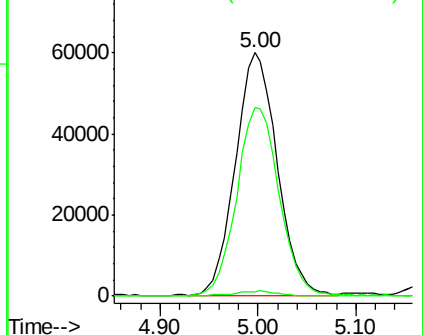
130 79.6 67.0 100.4

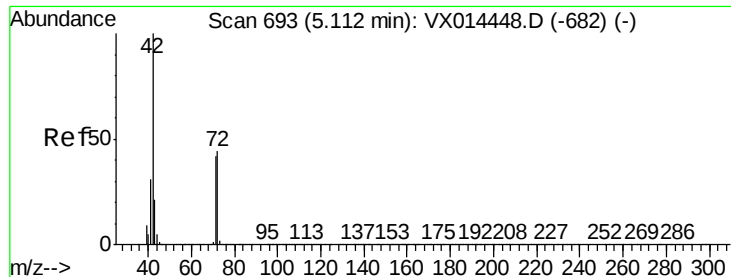


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 262.944 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

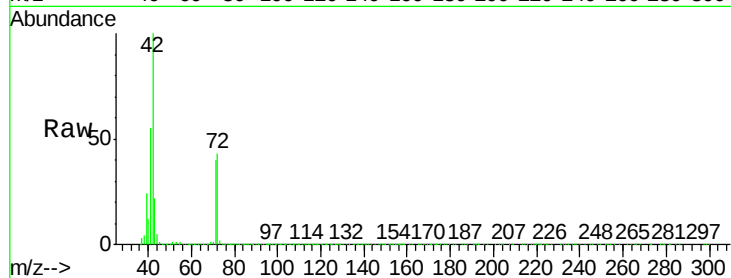
Tgt Ion: 42 Resp: 593842

Ion Ratio Lower Upper

42 100

72 44.3 36.2 54.4

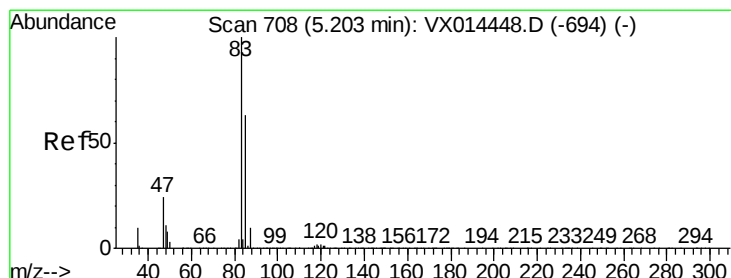
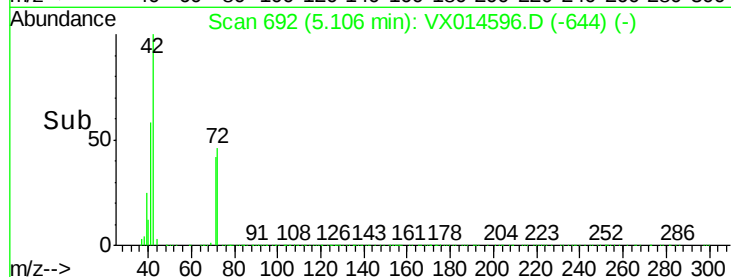
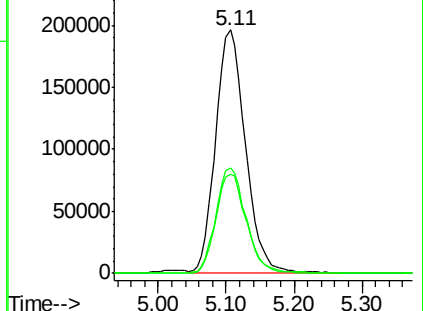
71 41.5 34.1 51.1



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: 54.188 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014596.D

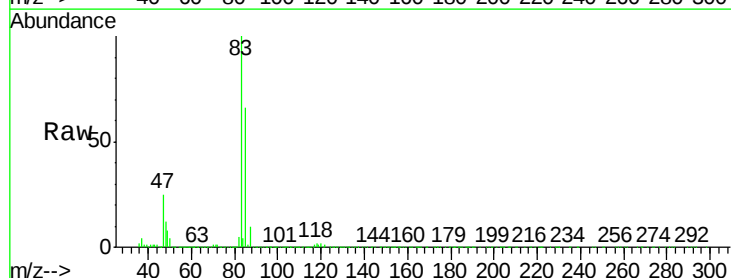
Acq: 14 Jan 2020 09:38

Tgt Ion: 83 Resp: 442170

Ion Ratio Lower Upper

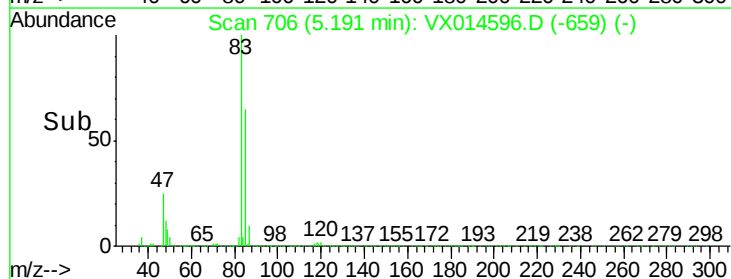
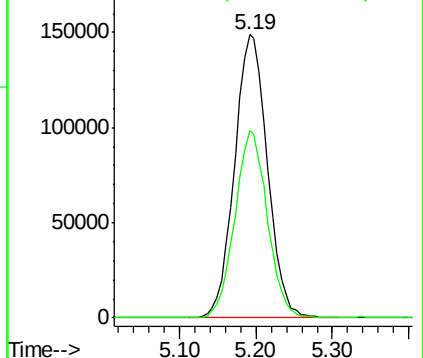
83 100

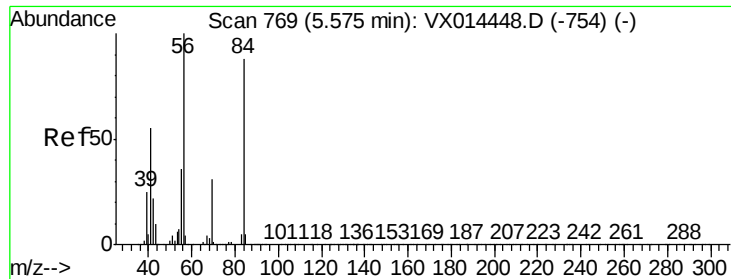
85 65.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.018 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

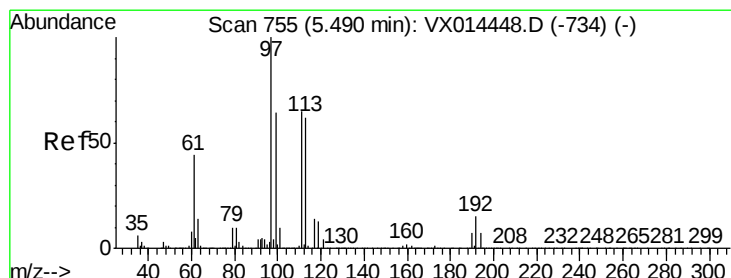
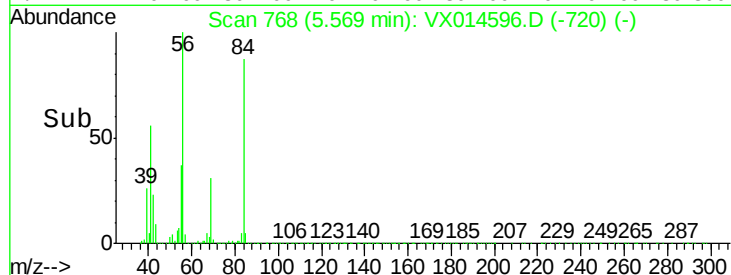
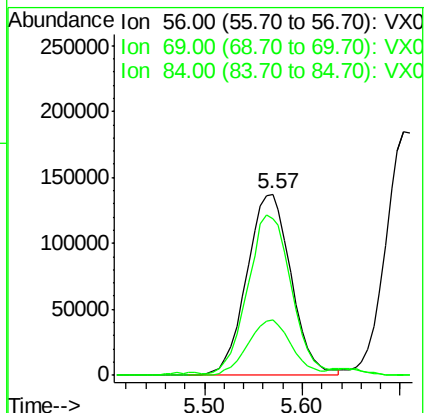
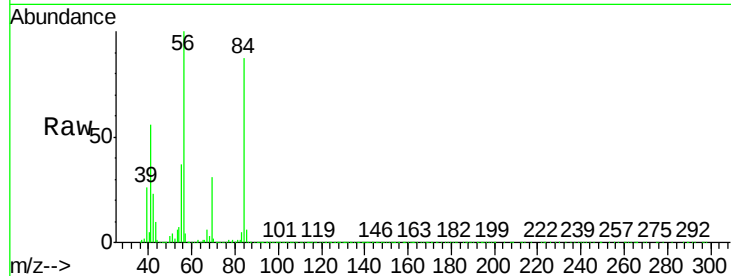
Tgt Ion: 56 Resp: 430035

Ion Ratio Lower Upper

56 100

69 30.6 24.4 36.6

84 85.2 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 54.055 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

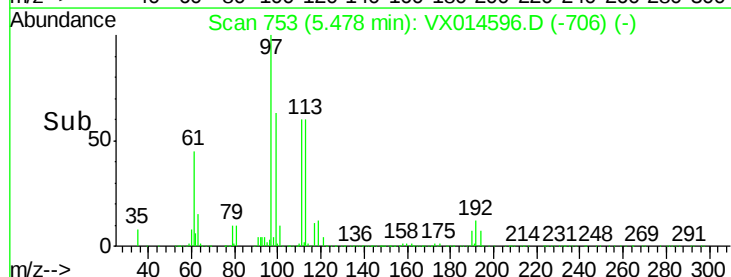
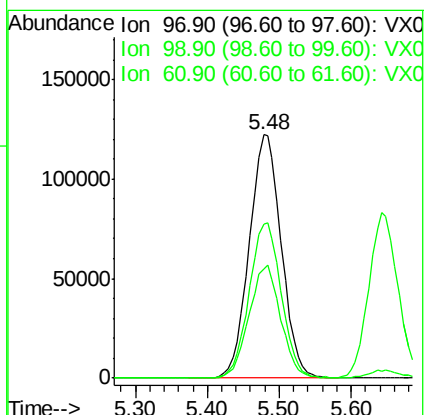
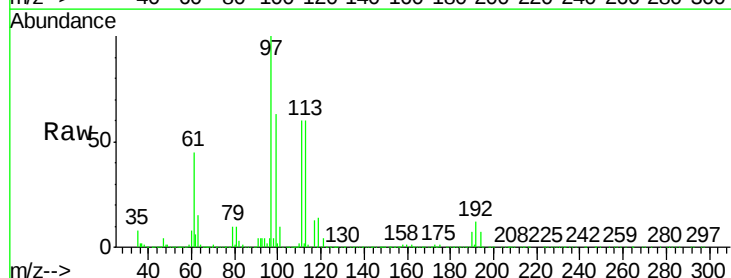
Tgt Ion: 97 Resp: 377558

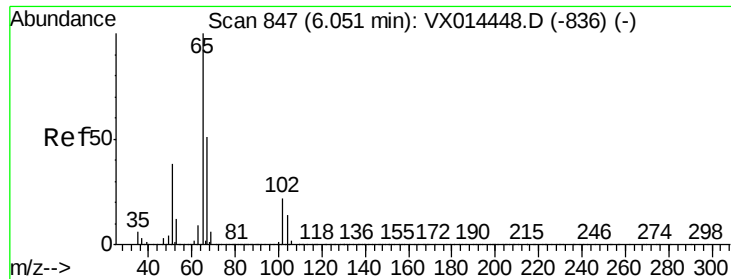
Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 45.8 35.9 53.9

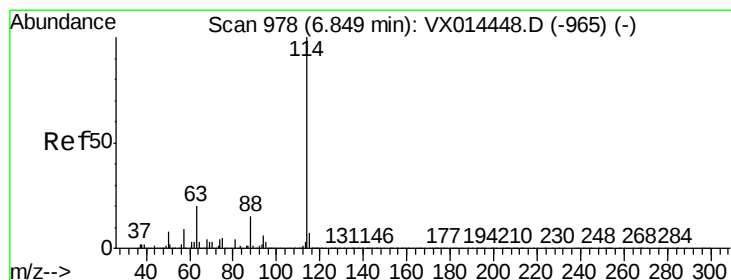
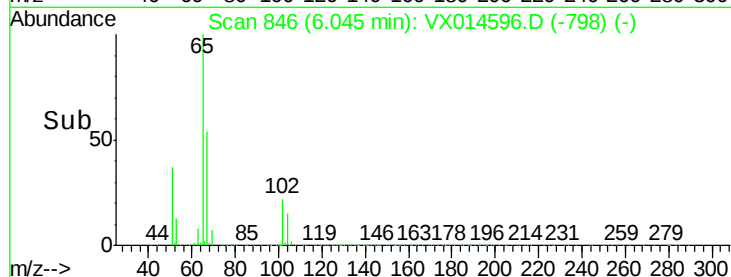
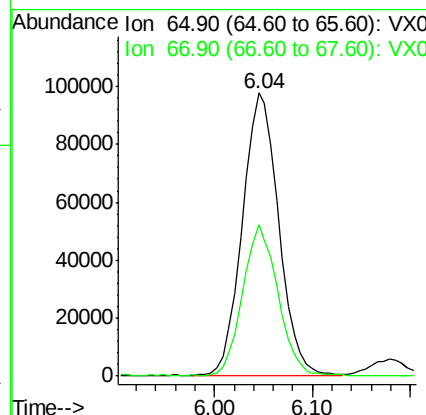
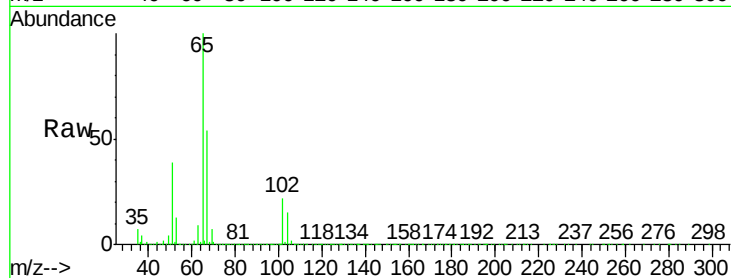




#33
 1,2-Dichloroethane-d4
 Concen: 49.231 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

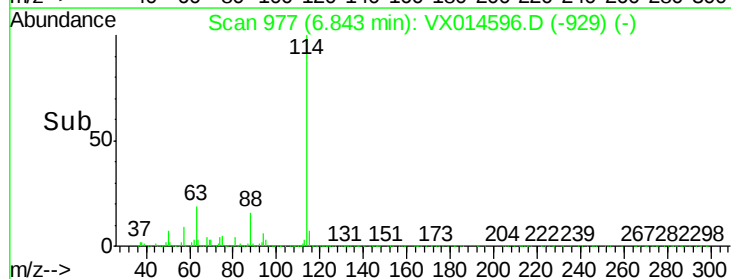
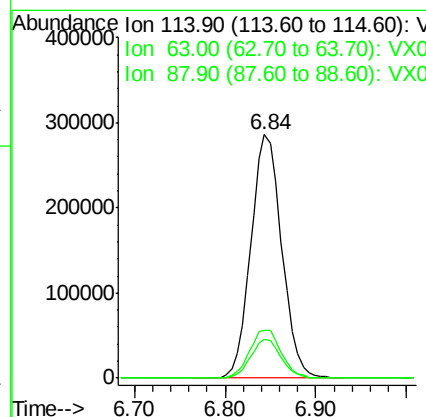
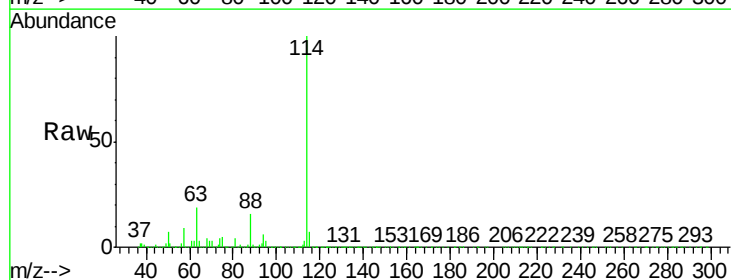
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion: 65 Resp: 251754
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion: 114 Resp: 674250
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.301 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

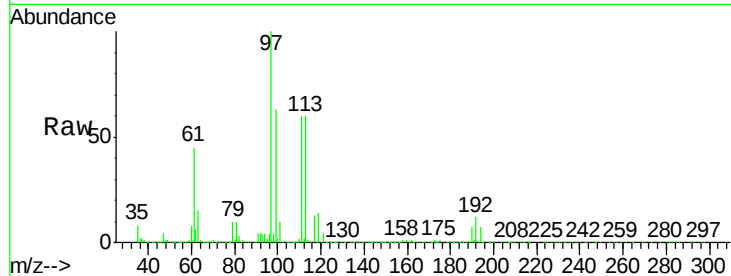
Tgt Ion: 113 Resp: 209387

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

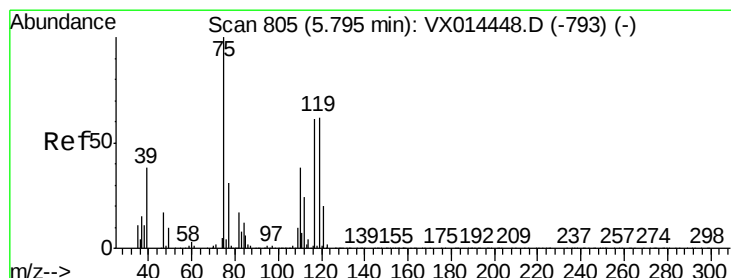
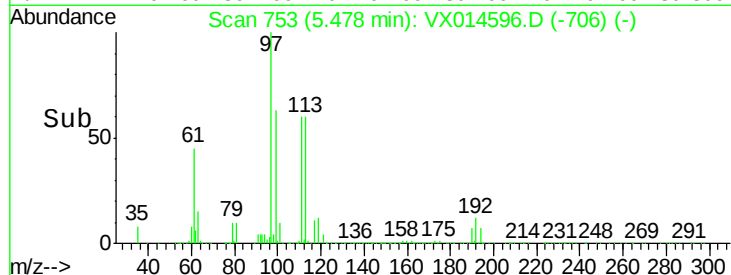
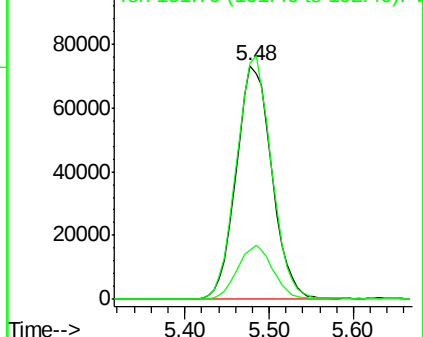
192 23.1 19.2 28.8



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: 54.094 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

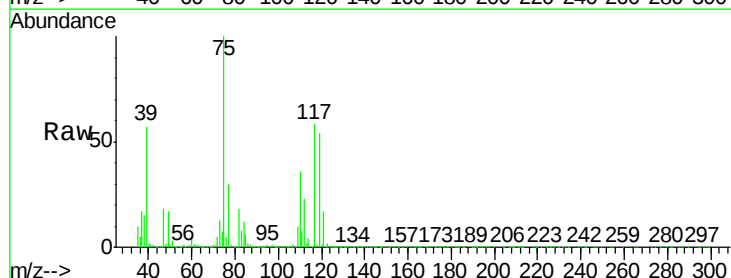
Tgt Ion: 75 Resp: 342992

Ion Ratio Lower Upper

75 100

110 36.1 18.6 55.8

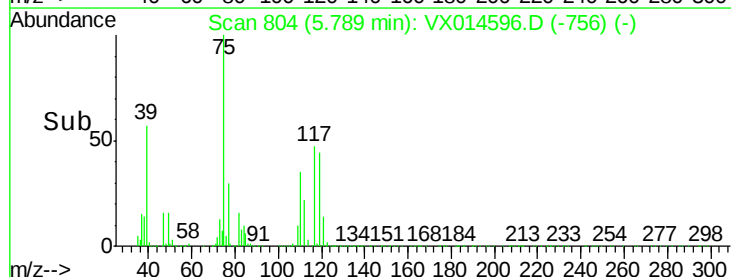
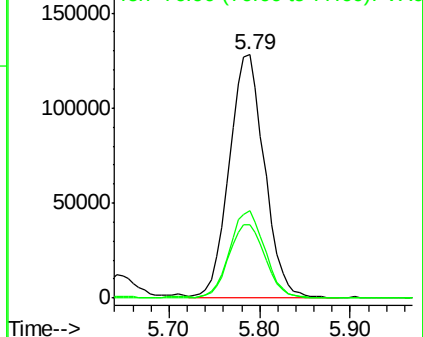
77 31.7 24.5 36.7

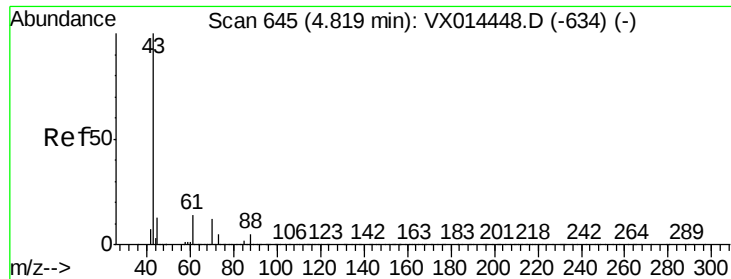


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

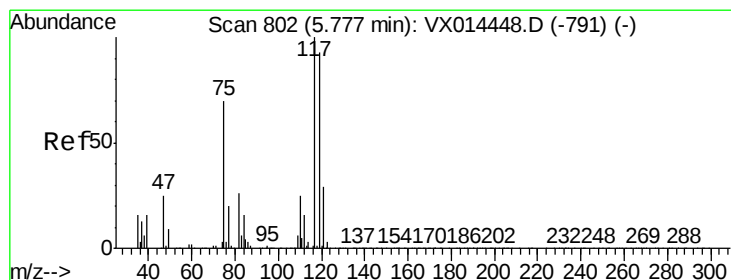
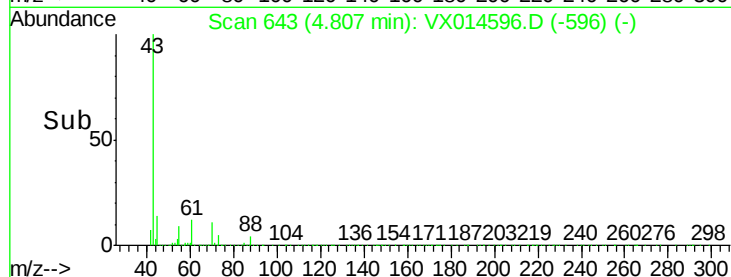
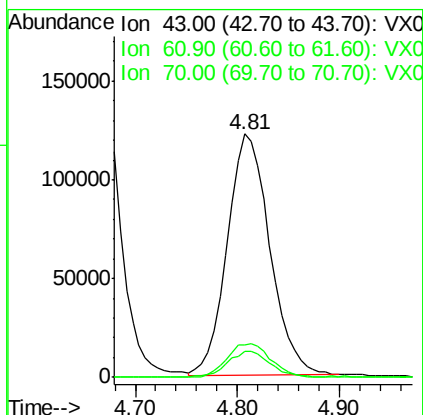
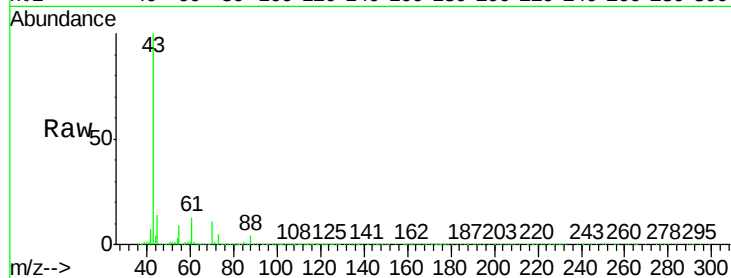




#37
Ethyl Acetate
Concen: 51.299 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

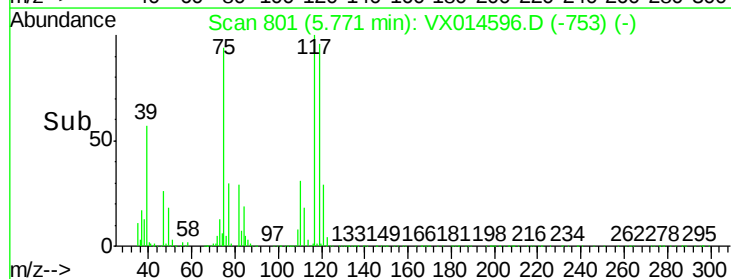
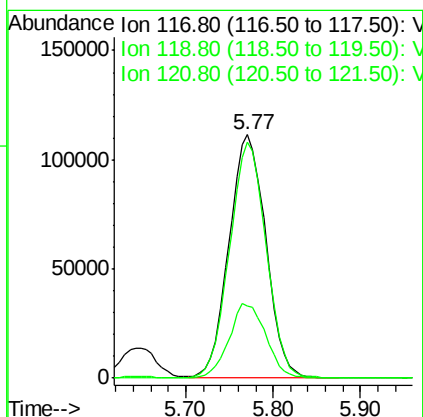
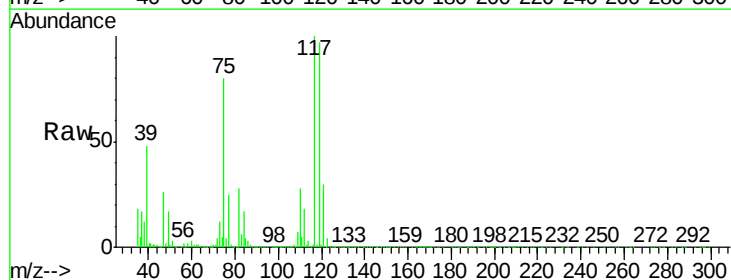
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

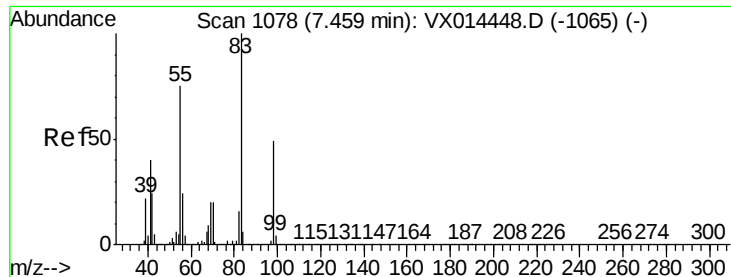
Tgt Ion: 43 Resp: 353315
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 55.655 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 117 Resp: 324744
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.8
121 29.6 23.4 35.0

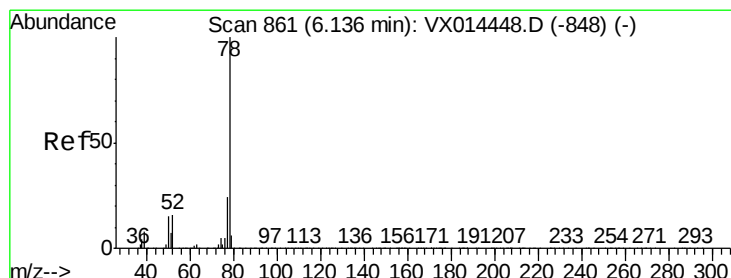
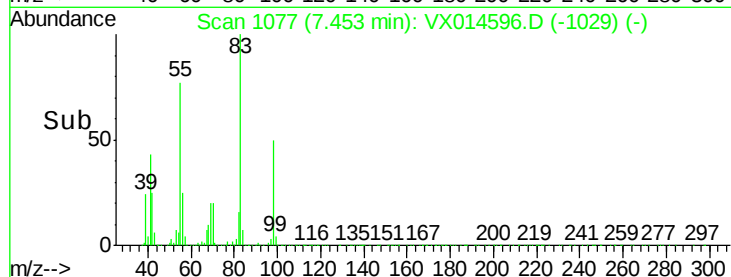
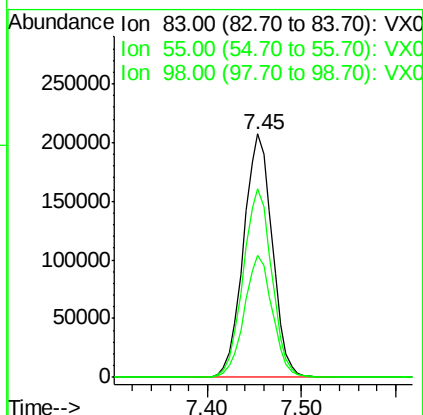
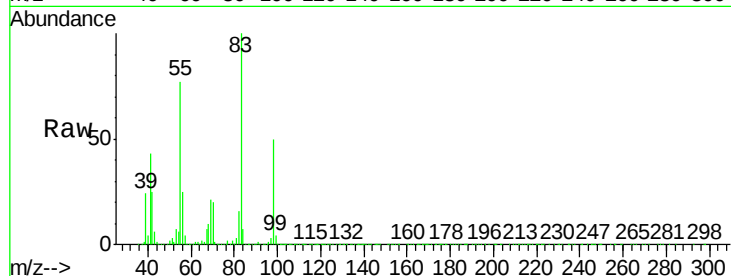




#39
Methylcyclohexane
Concen: 55.138 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

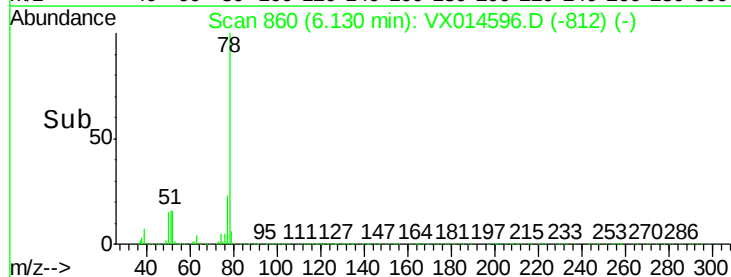
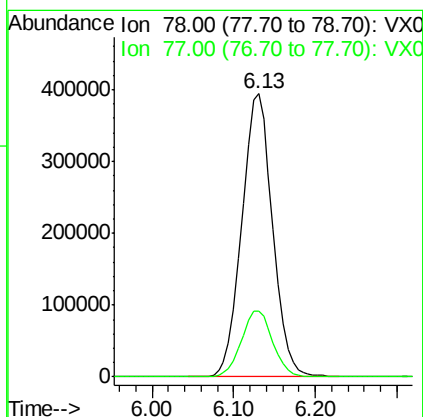
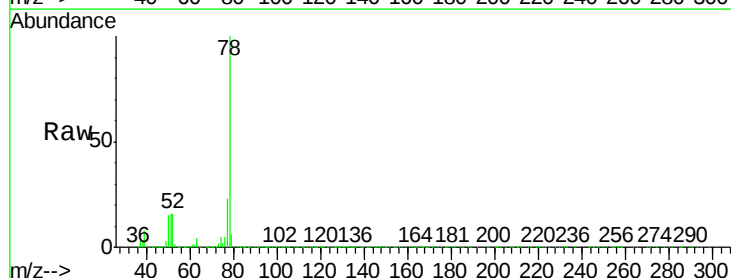
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

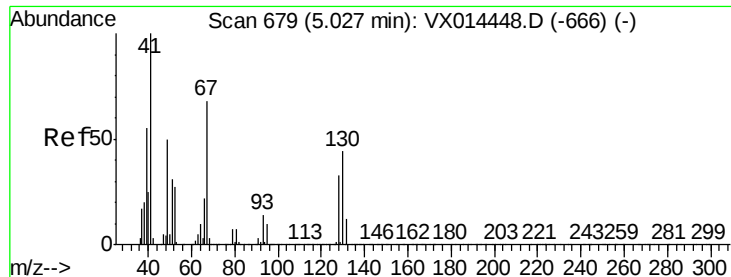
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.7	89.5
98	49.8	39.1	58.7



#40
Benzene
Concen: 54.708 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





#41

Methacrylonitrile

Concen: 55.481 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 203771

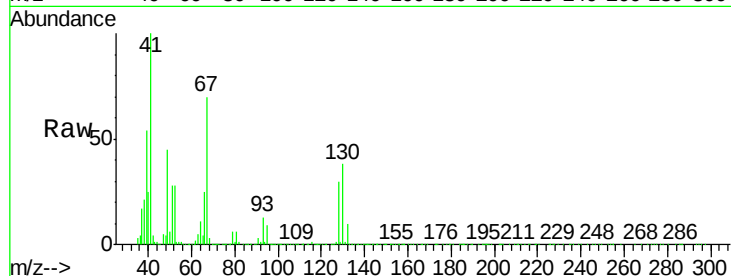
Ion Ratio Lower Upper

41 100

39 53.0 43.6 65.4

67 70.4 57.9 86.9

52 27.5 23.0 34.6

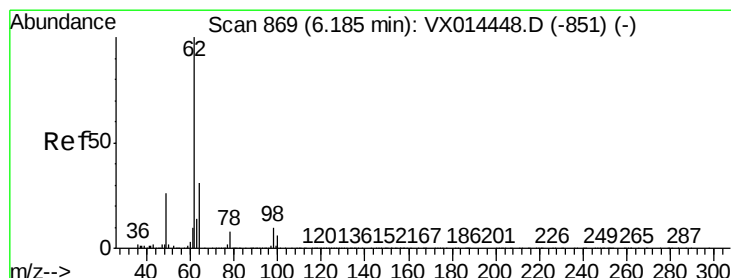
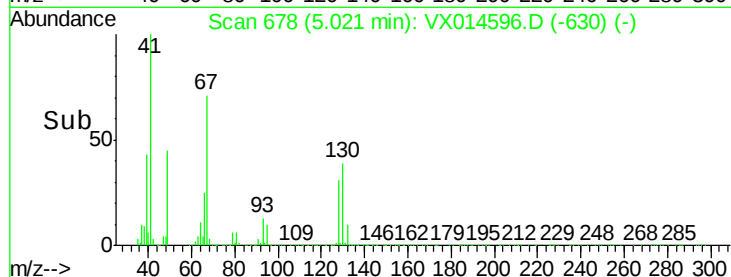
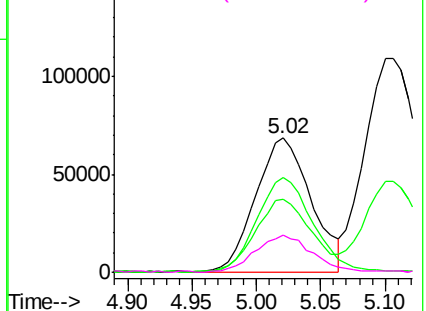


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.566 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014596.D

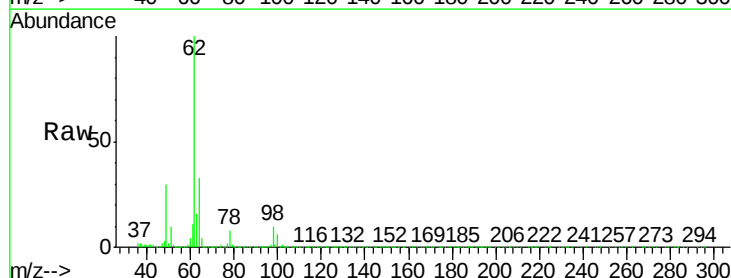
Acq: 14 Jan 2020 09:38

Tgt Ion: 62 Resp: 352463

Ion Ratio Lower Upper

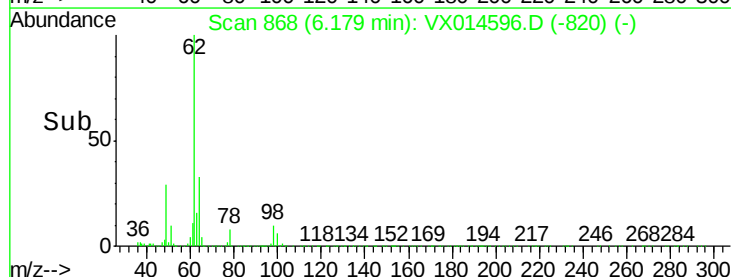
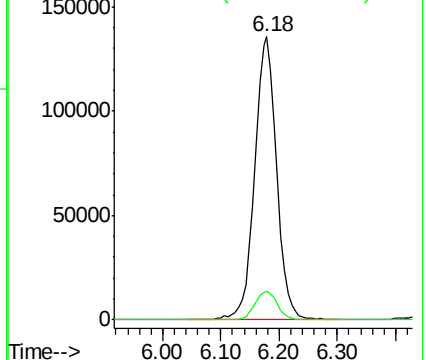
62 100

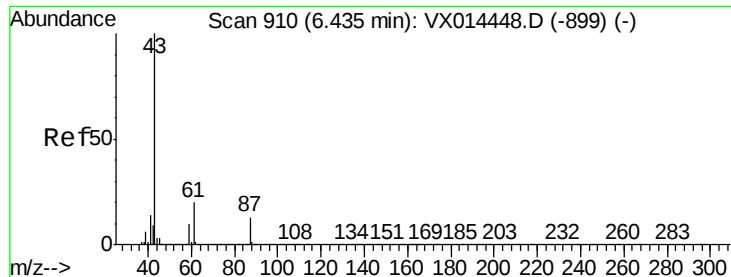
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.443 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

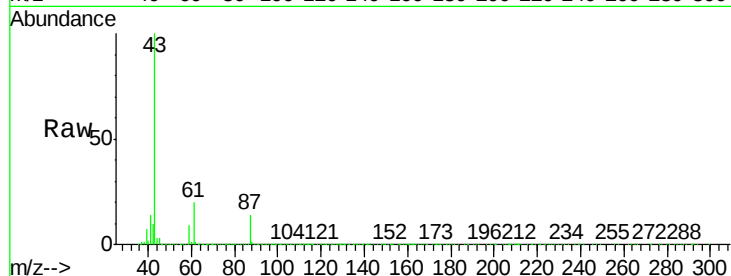
Tgt Ion: 43 Resp: 594603

Ion Ratio Lower Upper

43 100

61 20.2 16.6 24.8

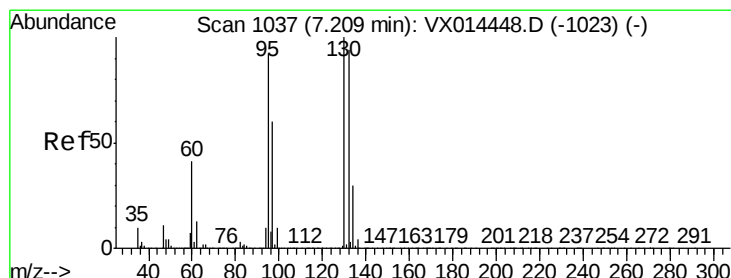
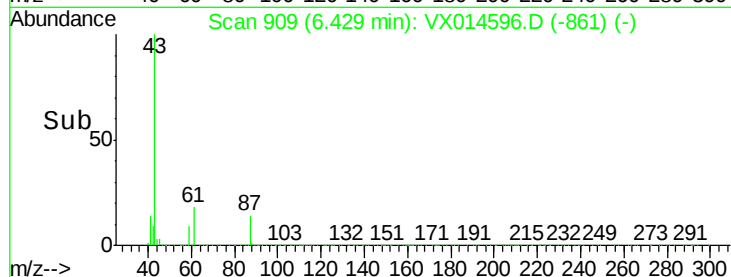
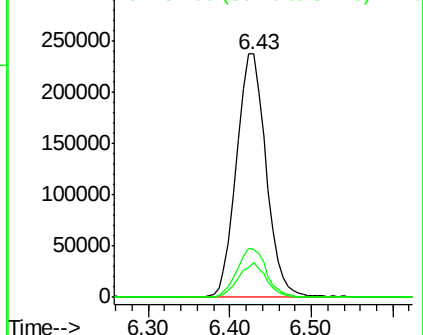
87 13.2 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.292 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014596.D

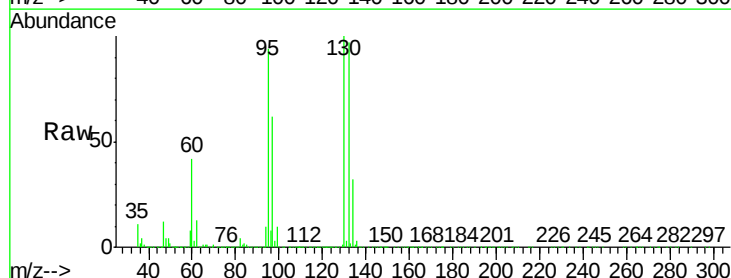
Acq: 14 Jan 2020 09:38

Tgt Ion: 130 Resp: 288213

Ion Ratio Lower Upper

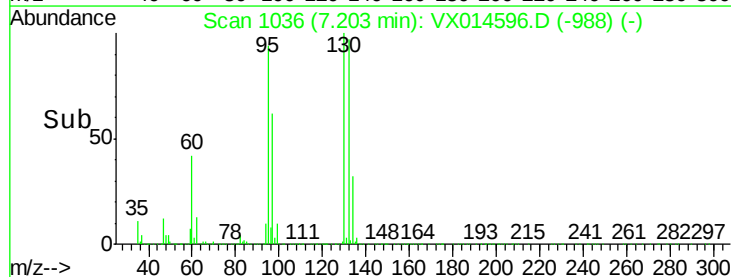
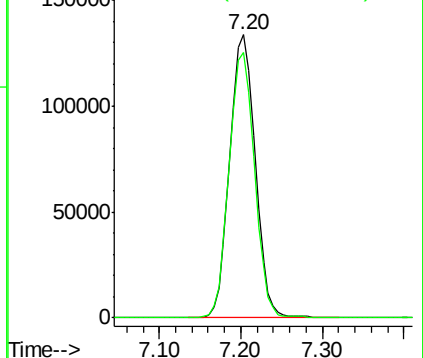
130 100

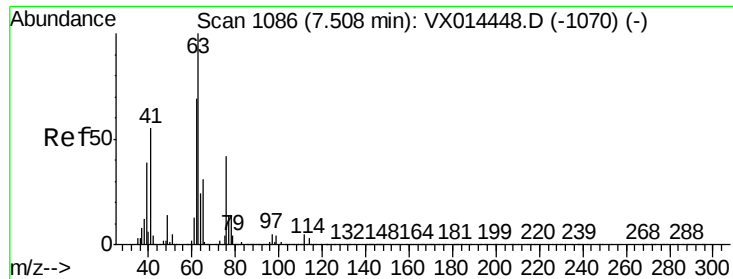
95 93.8 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

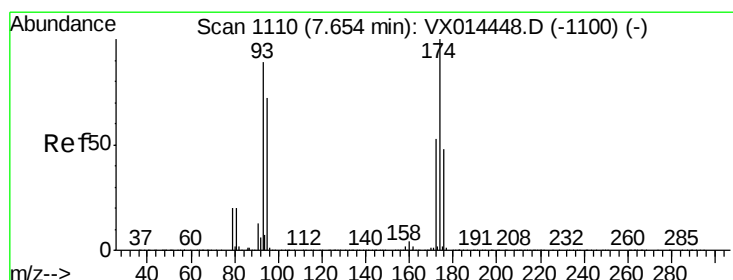
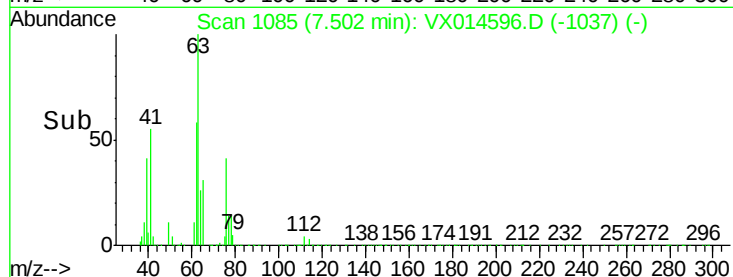
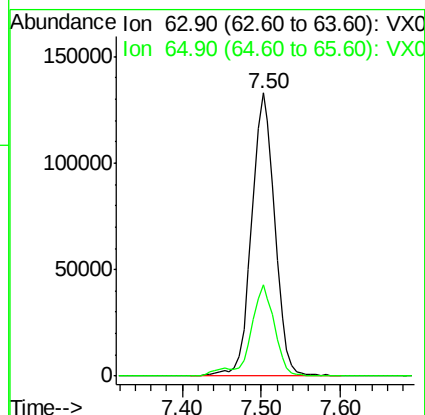
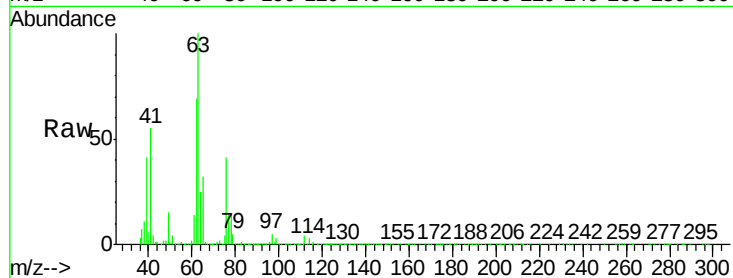




#45
 1,2-Dichloropropane
 Concen: 56.376 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

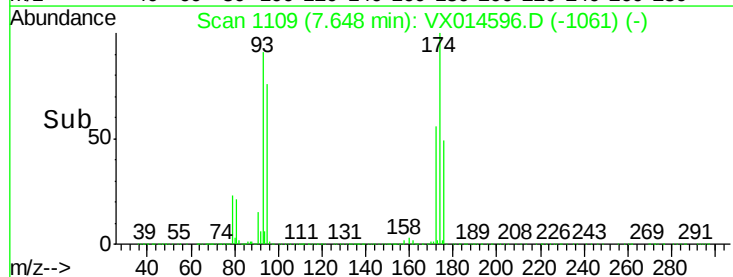
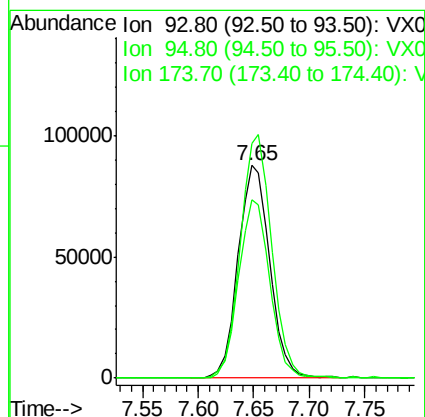
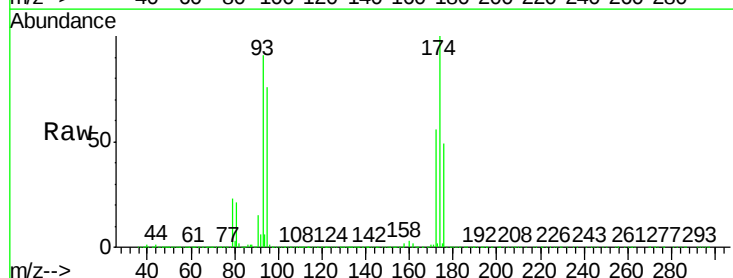
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

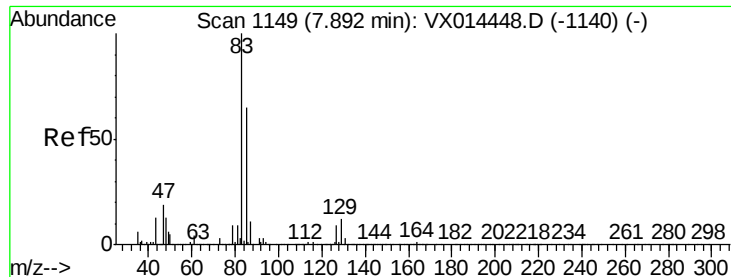
Tgt Ion: 63 Resp: 270490
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2



#46
 Dibromomethane
 Concen: 51.269 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion: 93 Resp: 171688
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.4 98.2
 174 114.1 93.0 139.4





#47

Bromodichloromethane

Concen: 56.971 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

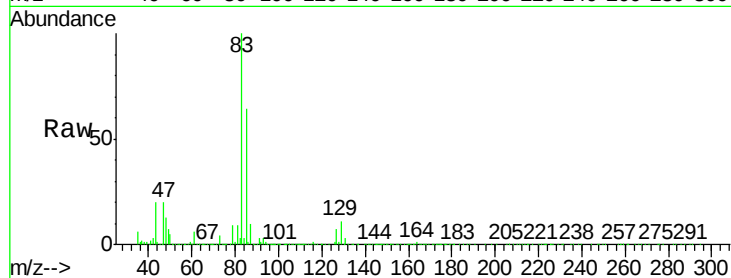
Tgt Ion: 83 Resp: 347149

Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5

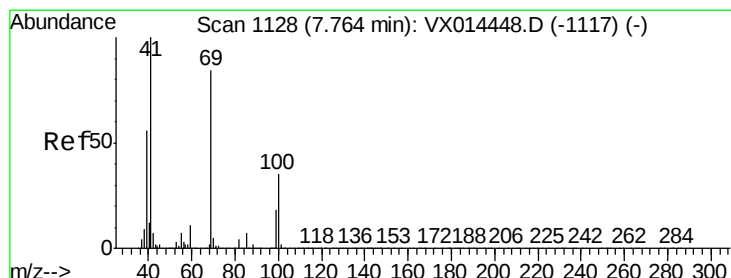
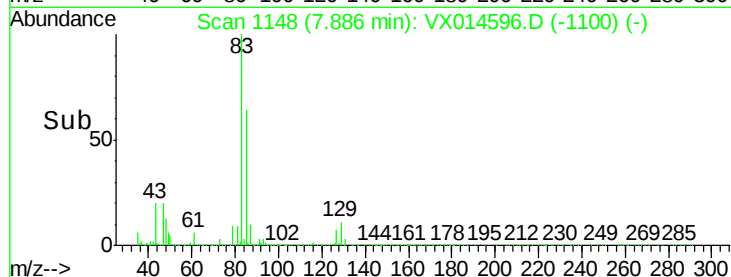
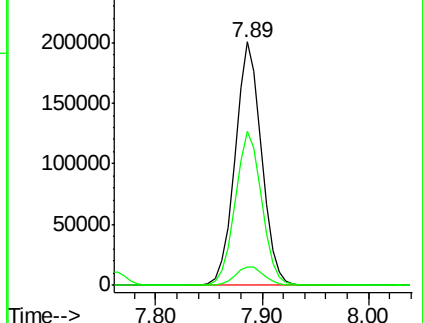
127 7.4 7.1 10.7



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: 55.957 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

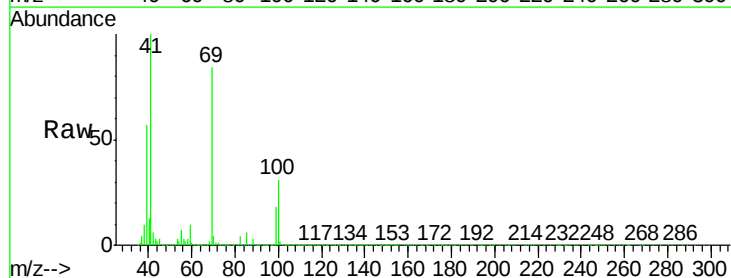
Tgt Ion: 41 Resp: 298180

Ion Ratio Lower Upper

41 100

69 81.3 65.5 98.3

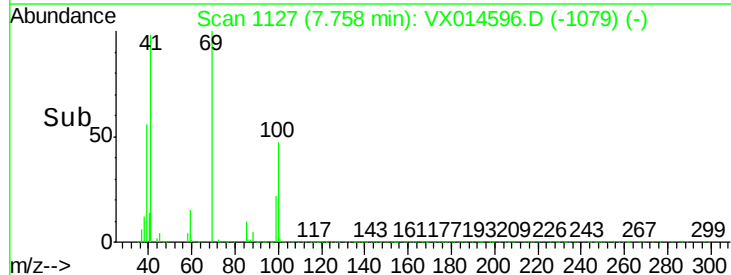
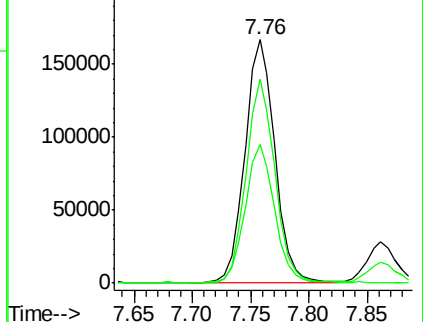
39 55.8 43.9 65.9

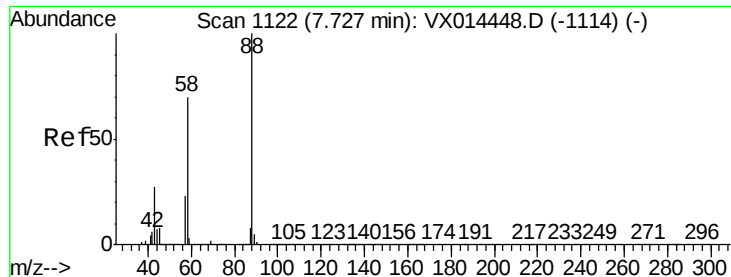


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

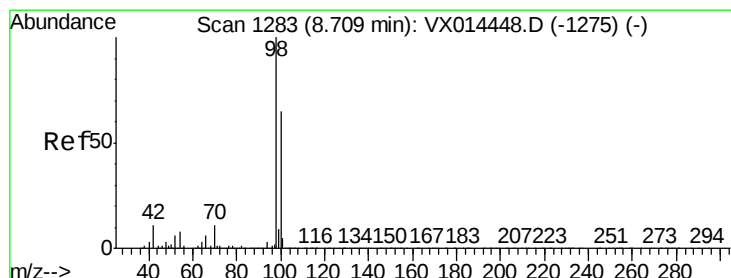
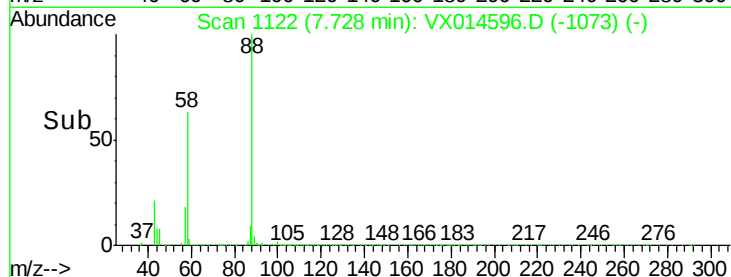
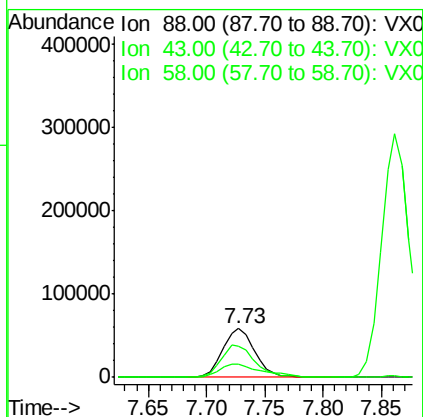
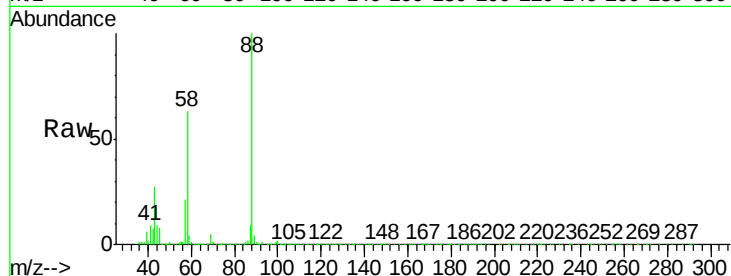




#49
1,4-Dioxane
Concen: 987.488 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

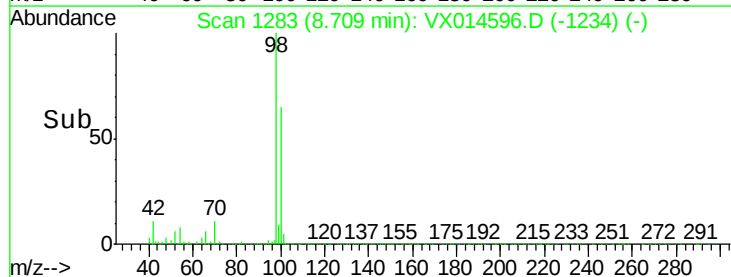
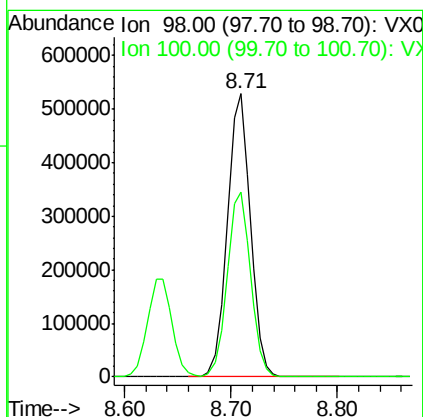
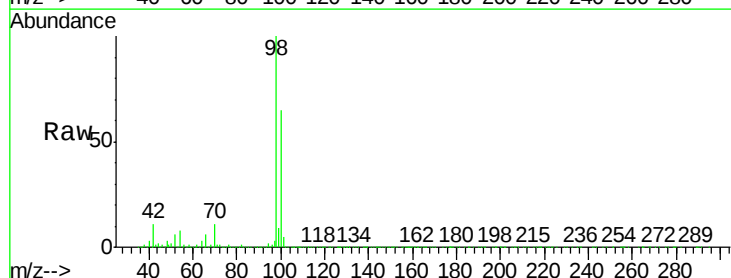
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

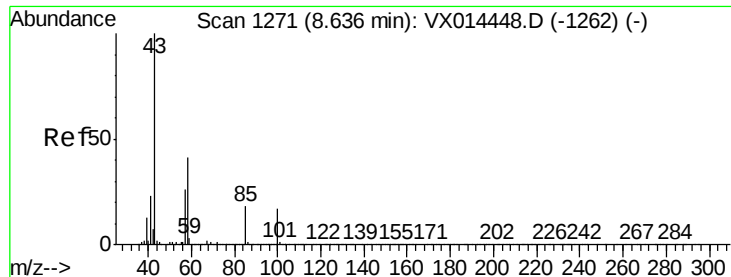
Tgt Ion: 88 Resp: 111498
Ion Ratio Lower Upper
88 100
43 34.4 27.4 41.0
58 68.6 57.1 85.7



#50
Toluene-d8
Concen: 50.624 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 98 Resp: 801831
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

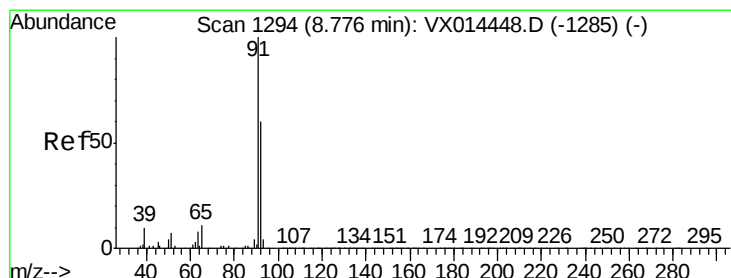
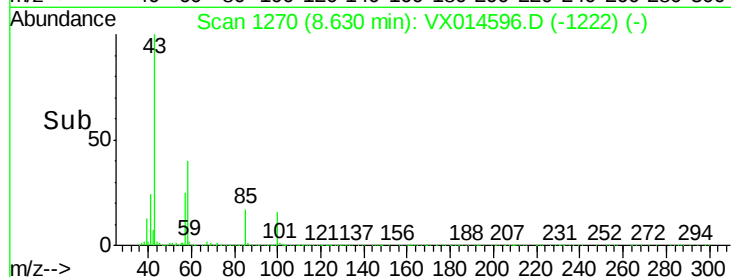
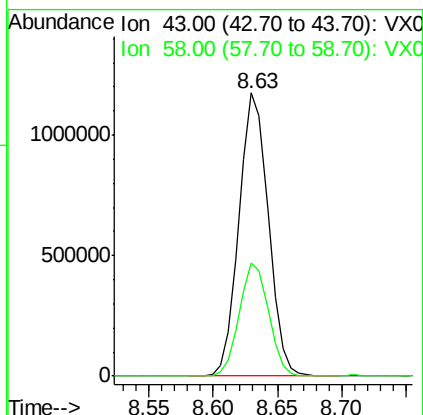
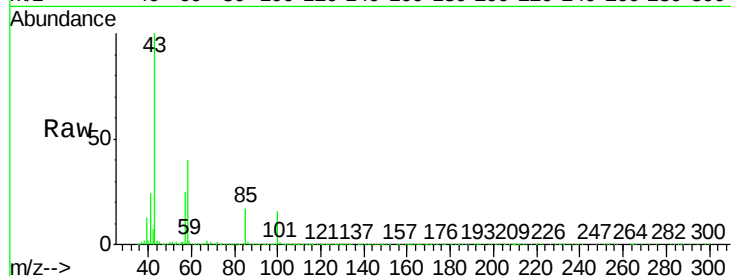




#51
4-Methyl-2-Pentanone
Concen: 273.130 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

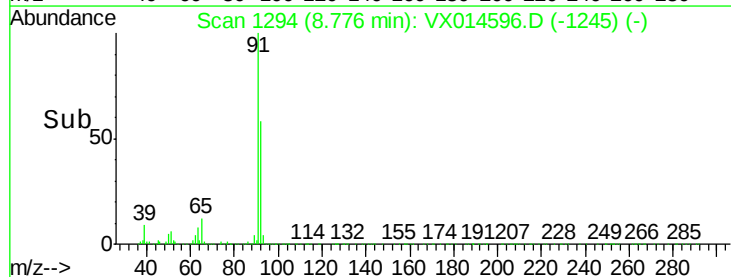
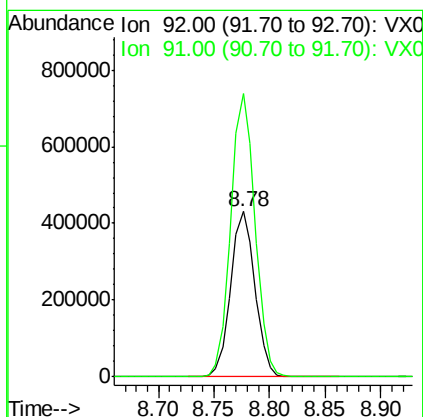
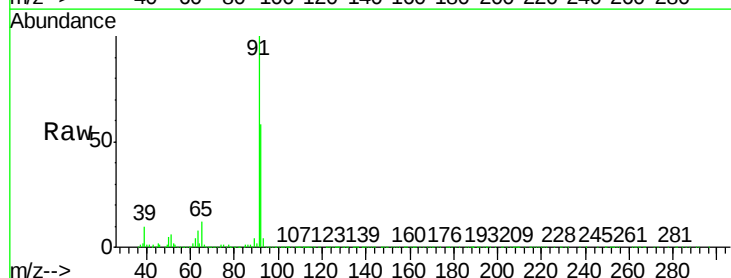
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

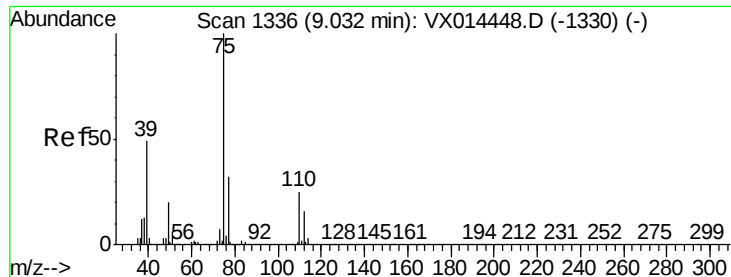
Tgt Ion: 43 Resp: 1851780
Ion Ratio Lower Upper
43 100
58 39.9 32.4 48.6



#52
Toluene
Concen: 54.092 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 92 Resp: 651634
Ion Ratio Lower Upper
92 100
91 171.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 54.027 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

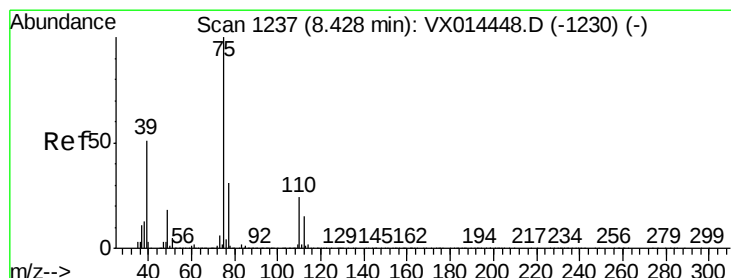
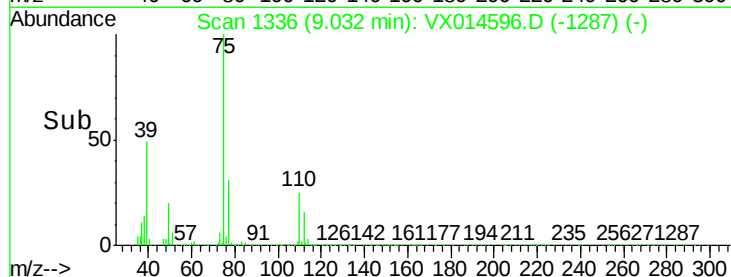
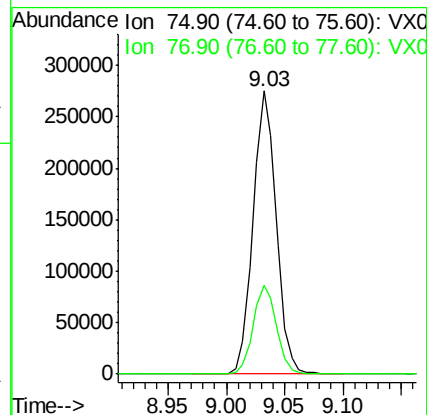
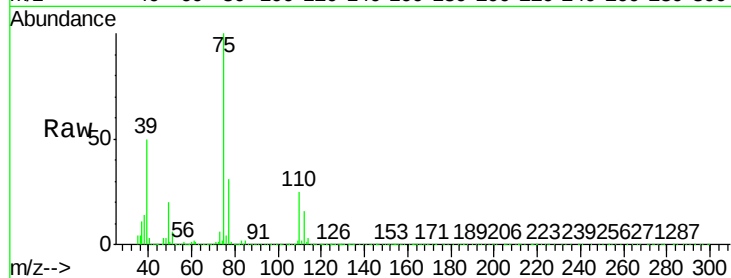
VSTDCCC050

Tgt Ion: 75 Resp: 383274

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.694 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

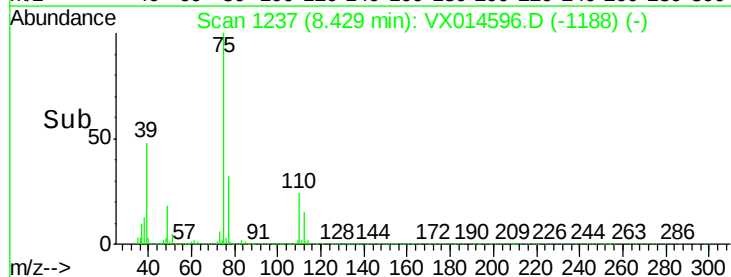
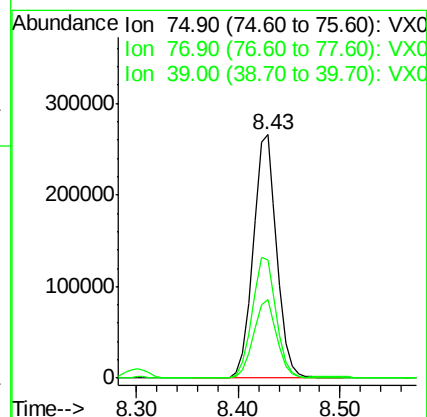
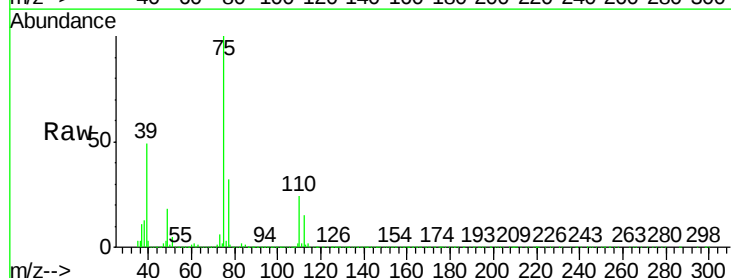
Tgt Ion: 75 Resp: 426804

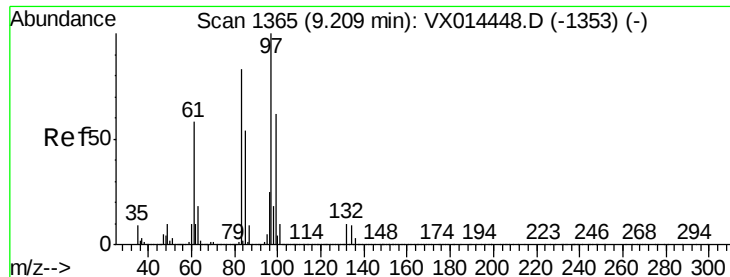
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 48.3 40.7 61.1

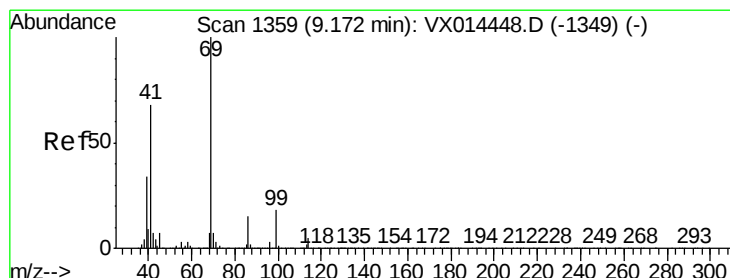
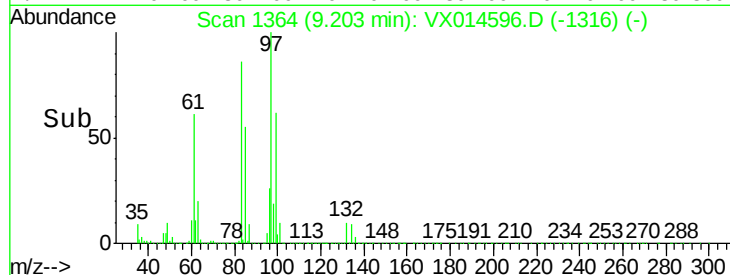
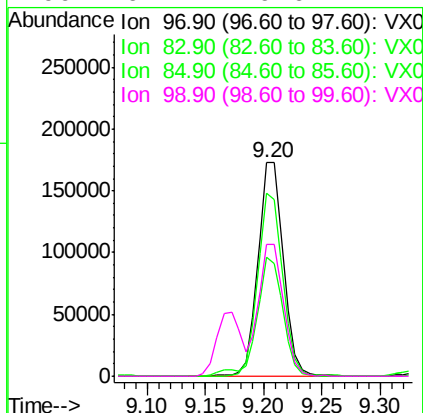
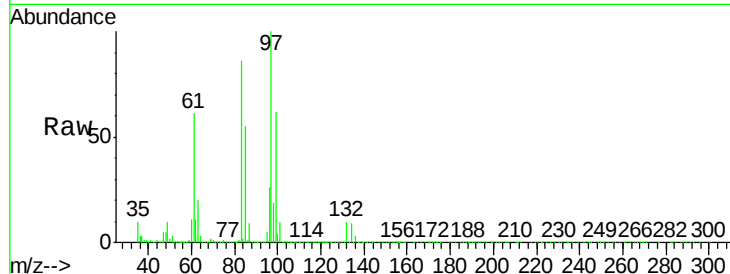




#55
 1,1,2-Trichloroethane
 Concen: 54.540 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

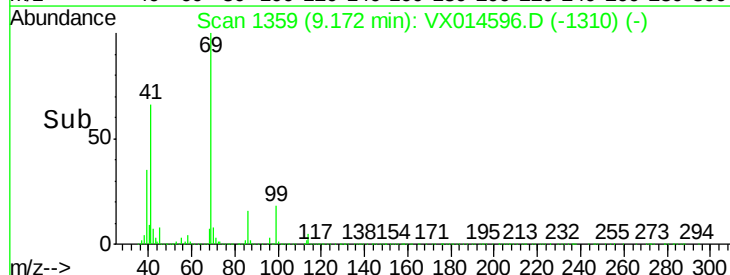
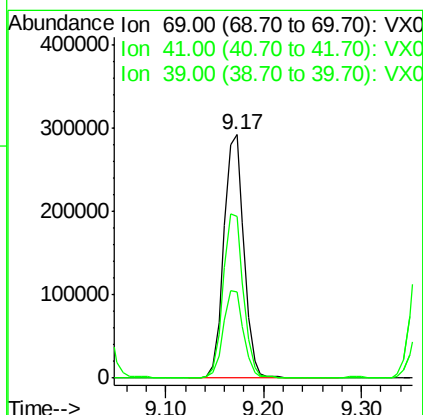
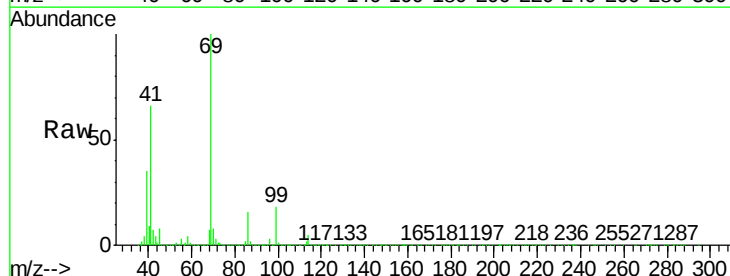
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

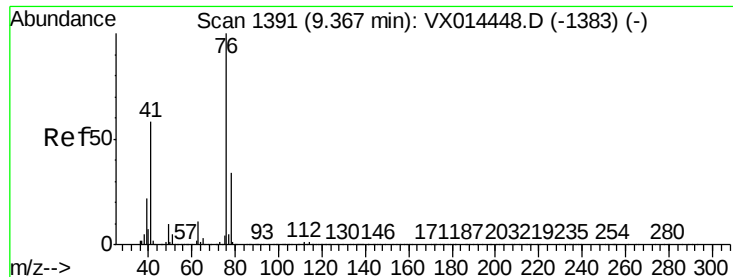
Tgt Ion:	97	Resp:	263906
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.4	99.6
85	55.4	43.4	65.2
99	61.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 55.886 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion:	69	Resp:	414292
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.2	81.2
39	36.3	28.2	42.2





#57

1,3-Dichloropropane

Concen: 54.505 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

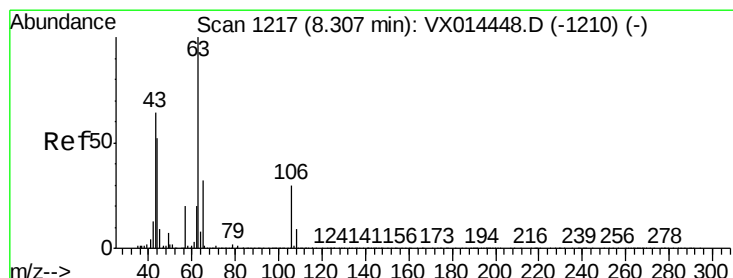
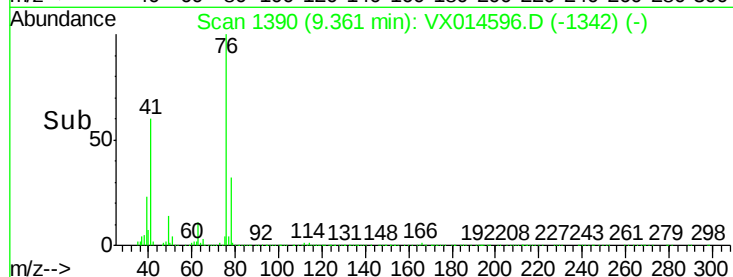
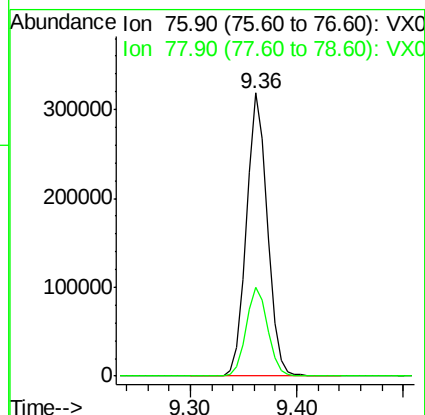
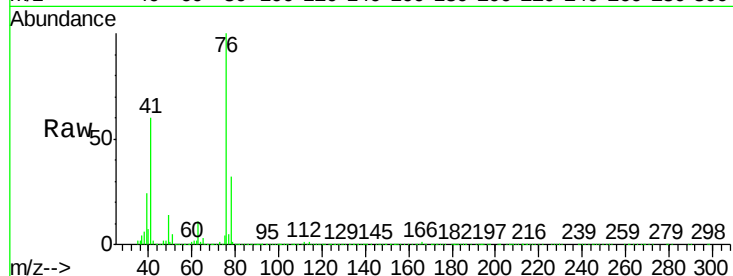
VSTDCCC050

Tgt Ion: 76 Resp: 440970

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 300.828 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014596.D

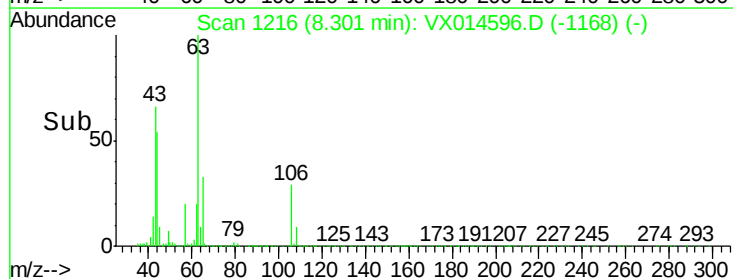
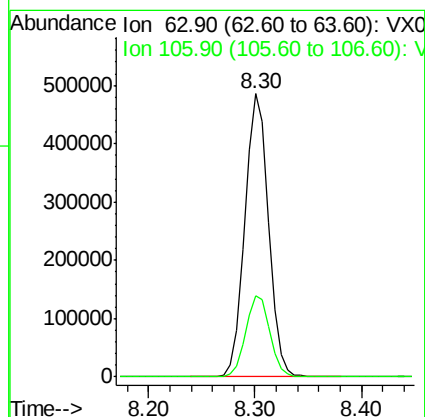
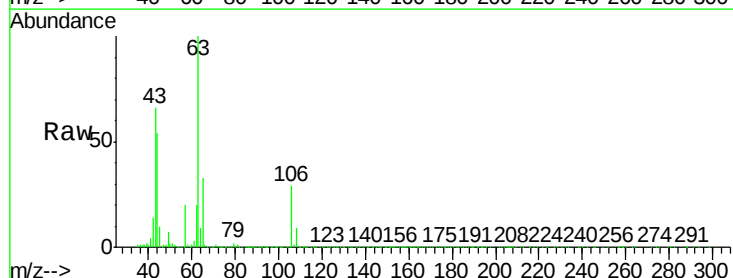
Acq: 14 Jan 2020 09:38

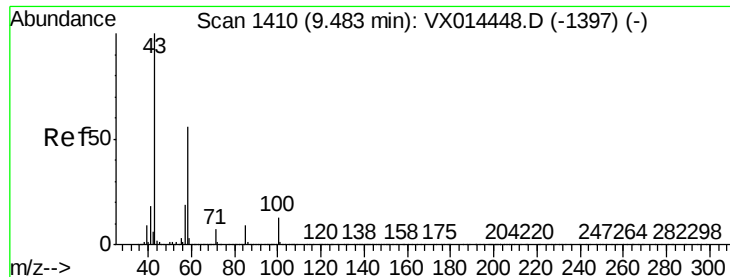
Tgt Ion: 63 Resp: 758759

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4

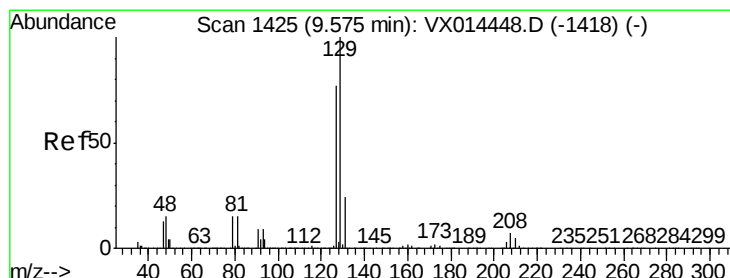
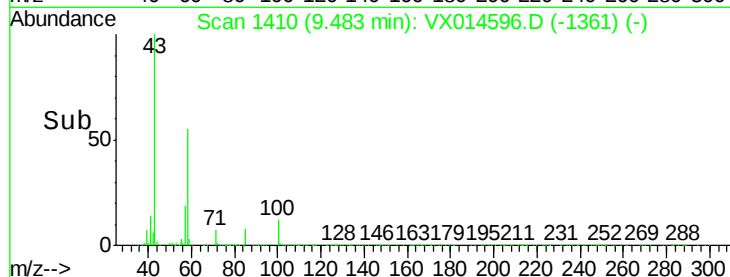
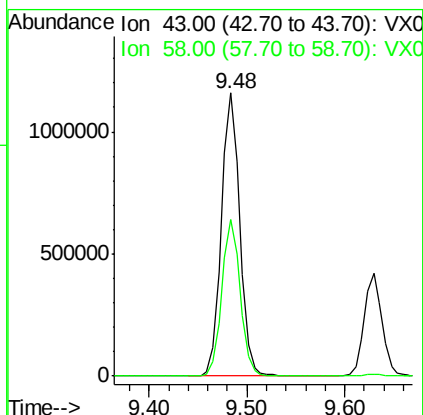
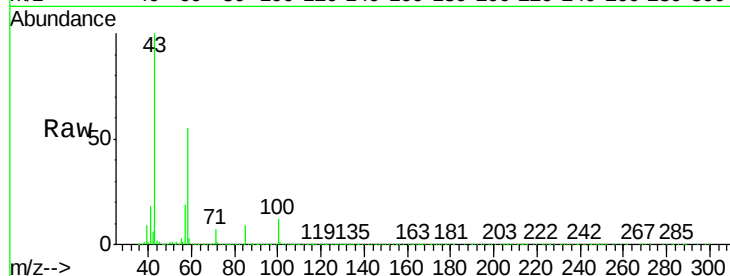




#59
2-Hexanone
Concen: 282.086 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

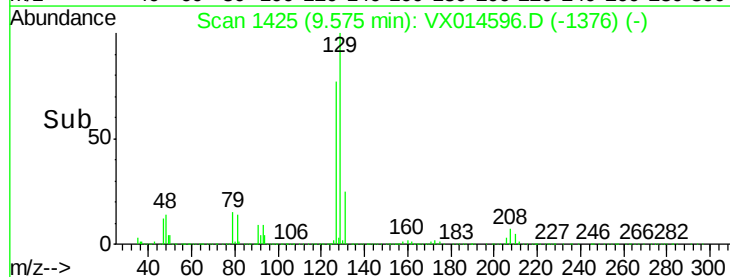
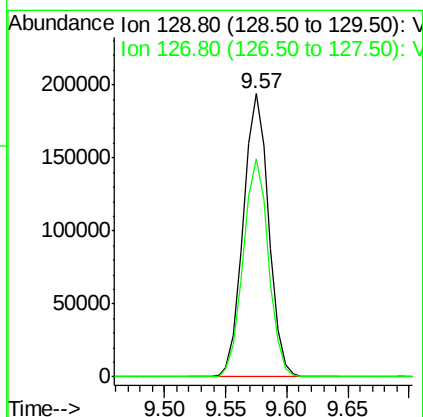
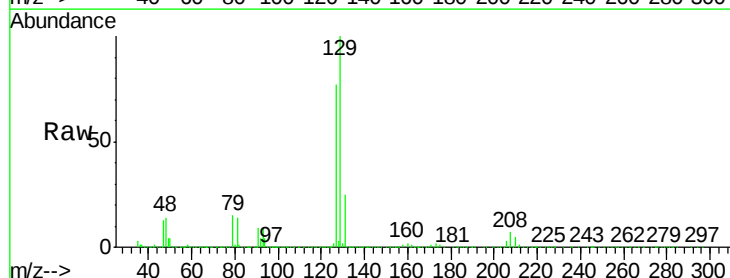
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

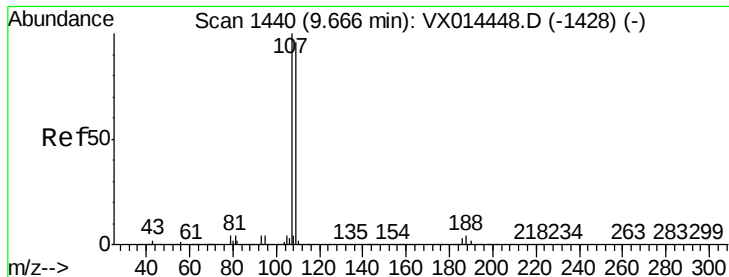
Tgt Ion: 43 Resp: 1513256
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.7



#60
Dibromochloromethane
Concen: 57.477 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 129 Resp: 279541
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.746 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

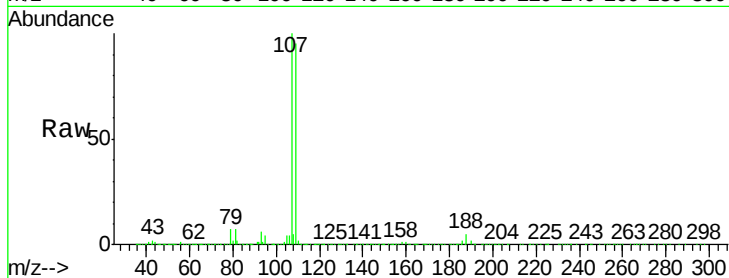
VSTDCCC050

Tgt Ion: 107 Resp: 270358

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

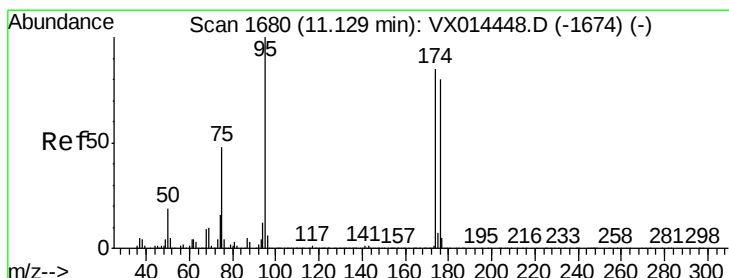
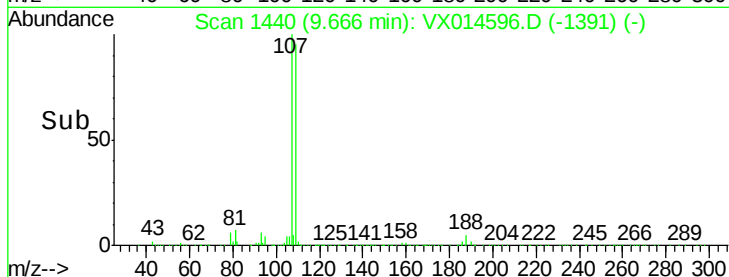
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.980 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

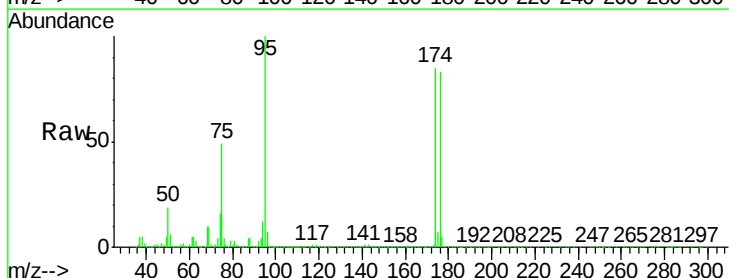
Tgt Ion: 95 Resp: 284806

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

176 88.3 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

300000

250000

200000

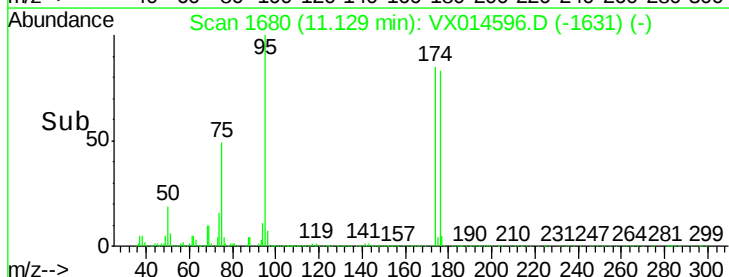
150000

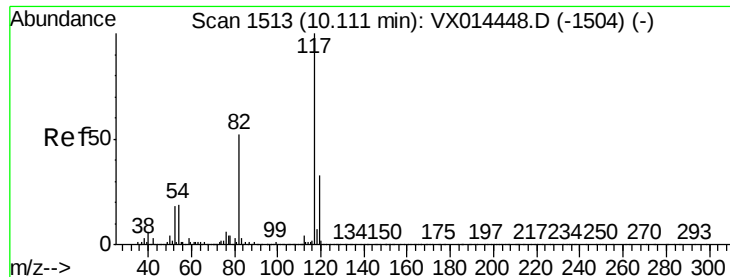
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

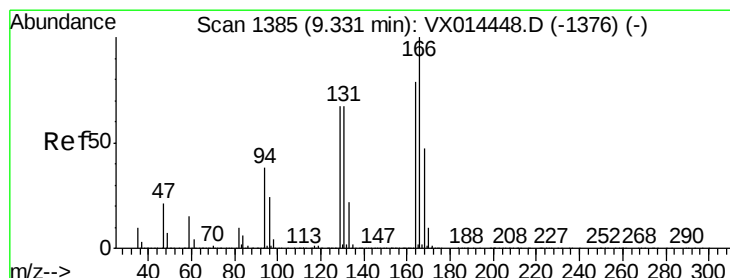
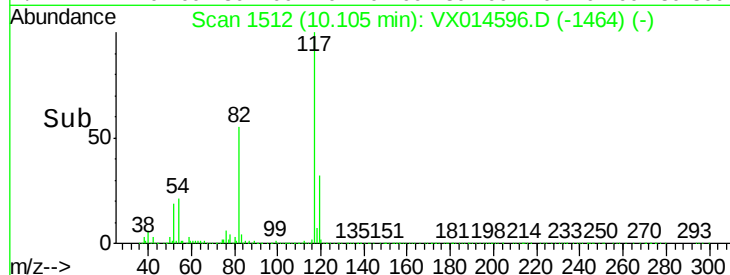
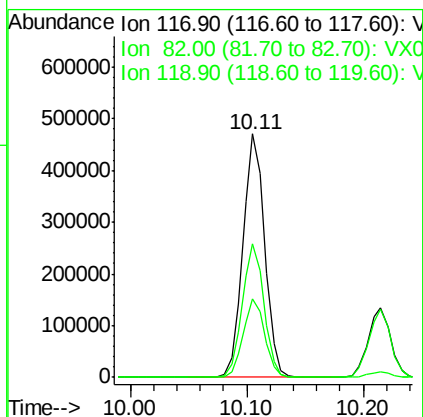
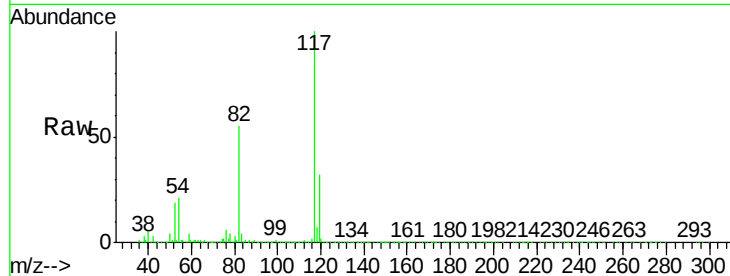




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

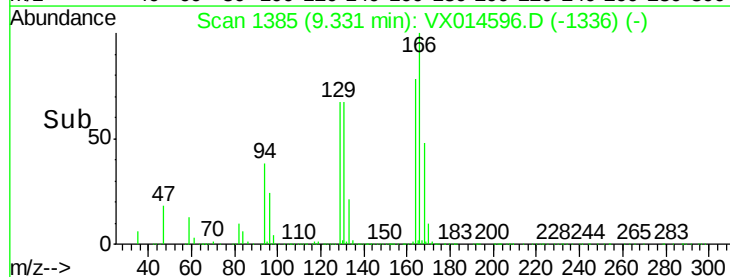
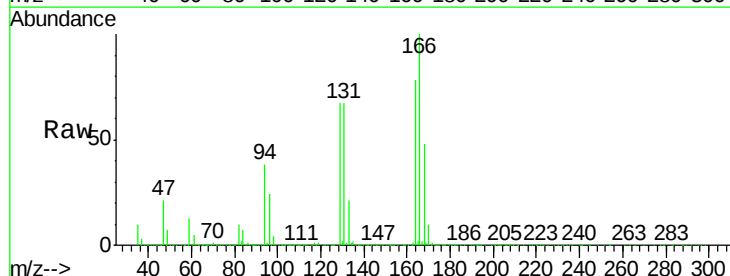
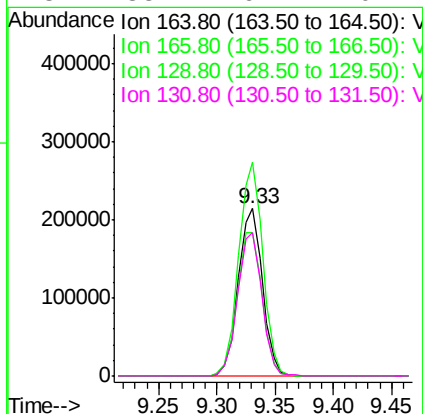
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

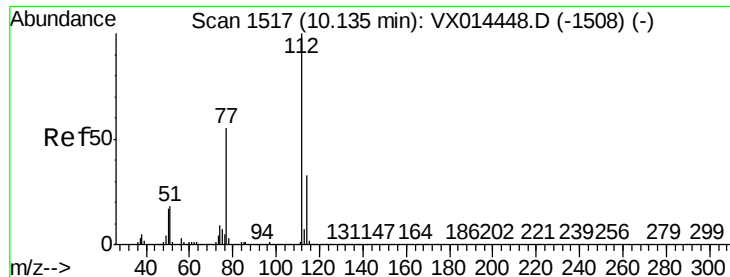
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.8	62.6
119	32.0	26.2	39.4



#64
Tetrachloroethene
Concen: 50.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.2	151.8
129	85.9	68.3	102.5
131	85.4	67.4	101.2

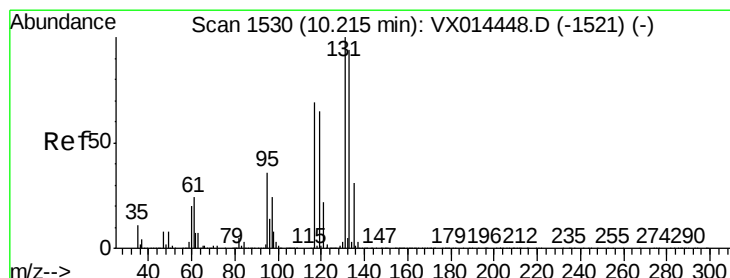
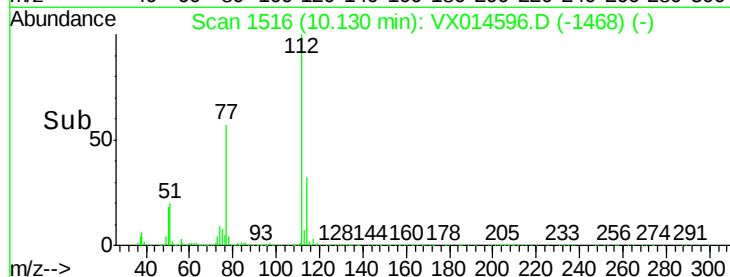
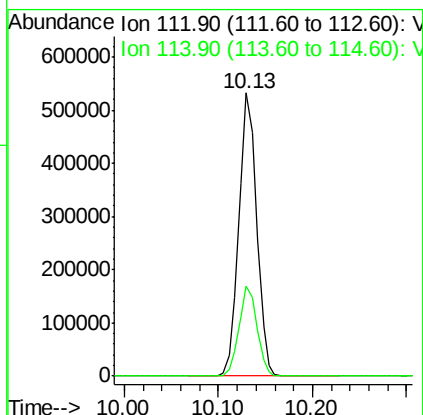
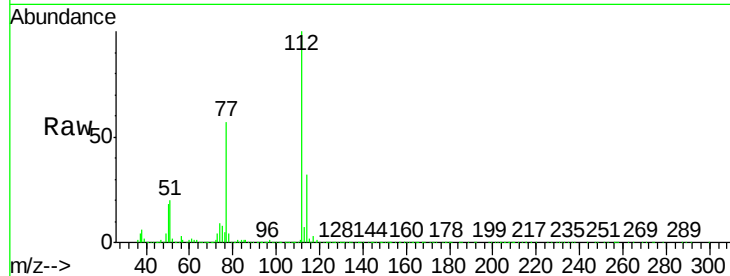




#65
Chlorobenzene
Concen: 52.896 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

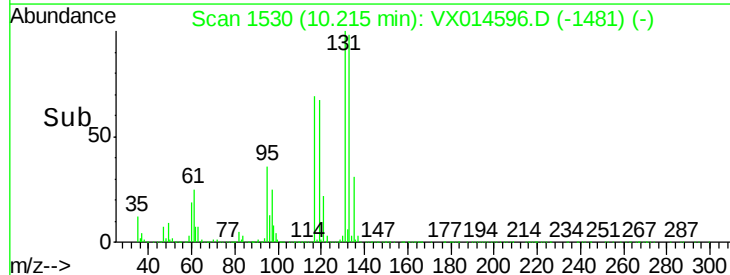
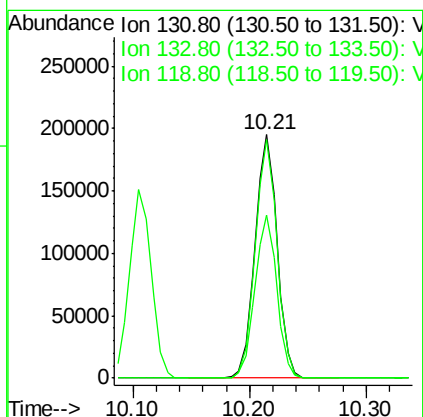
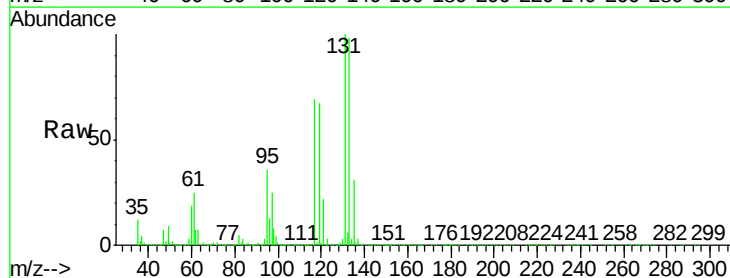
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 704986
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.241 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion:131 Resp: 257986
Ion Ratio Lower Upper
131 100
133 96.7 47.3 142.0
119 66.4 32.8 98.4





#67

Ethyl Benzene

Concen: 54.760 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

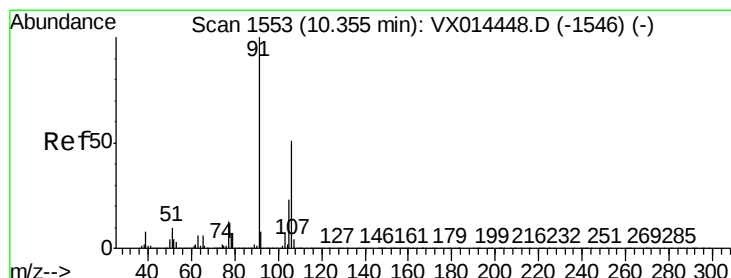
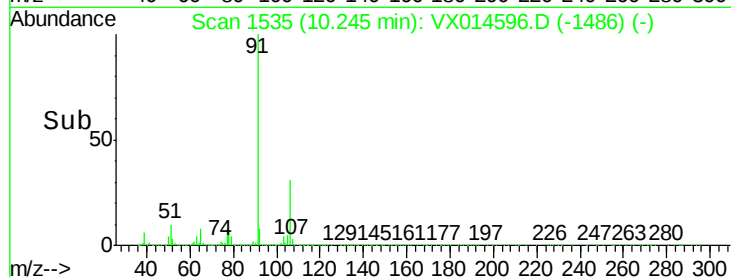
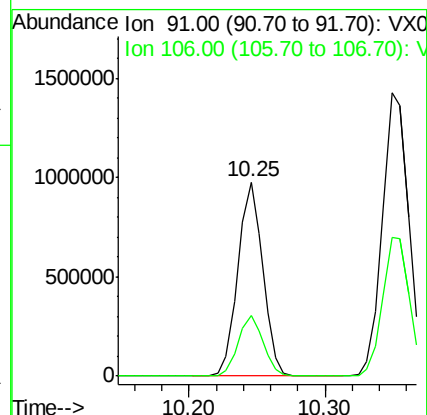
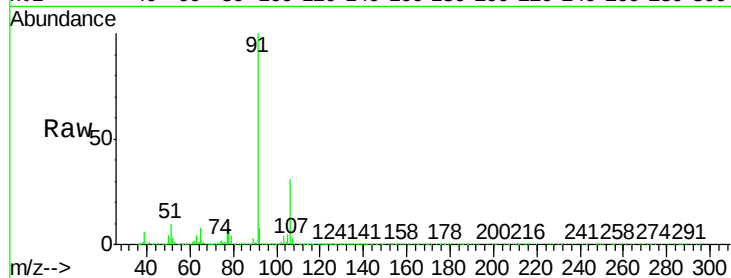
VSTDCCC050

Tgt Ion: 91 Resp: 1243960

Ion Ratio Lower Upper

91 100

106 31.3 25.6 38.4



#68

m/p-Xylenes

Concen: 109.002 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX014596.D

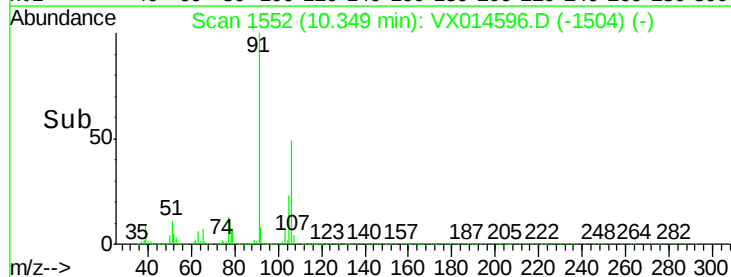
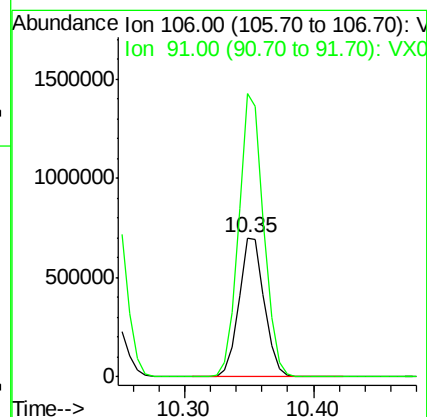
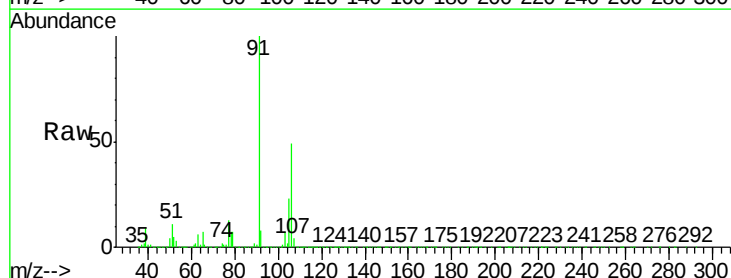
Acq: 14 Jan 2020 09:38

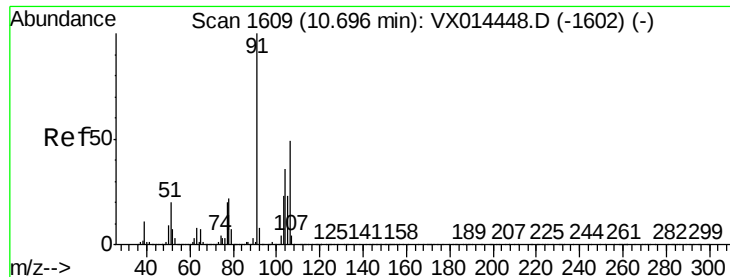
Tgt Ion: 106 Resp: 955283

Ion Ratio Lower Upper

106 100

91 200.6 157.4 236.0

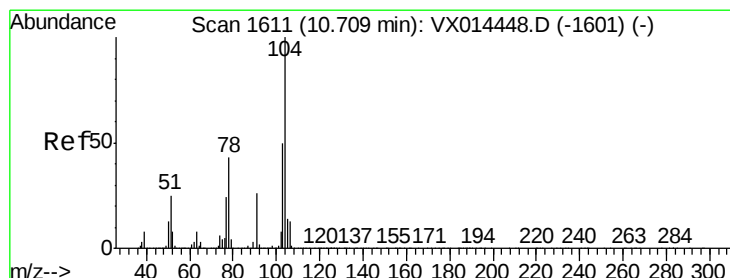
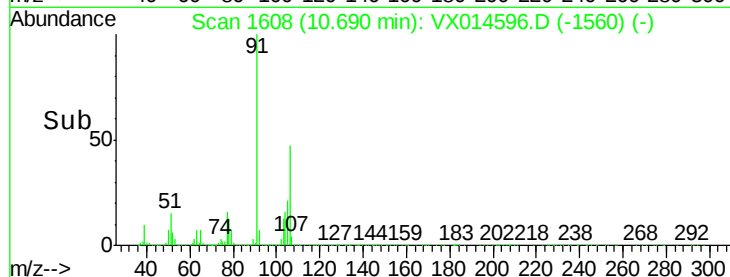
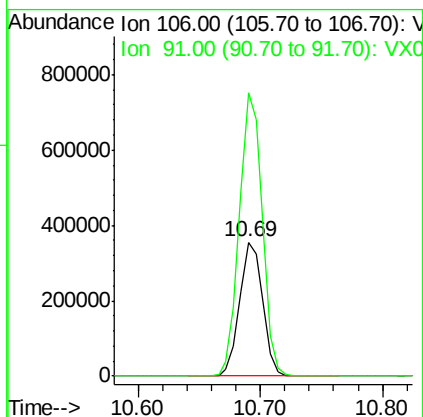
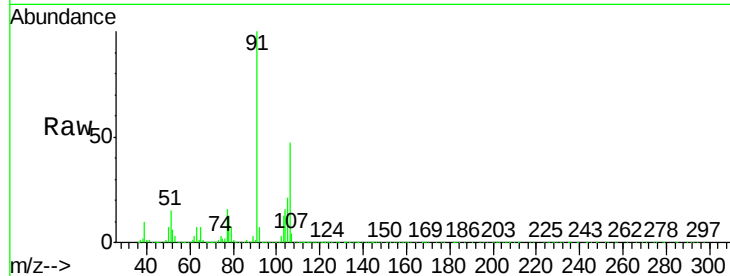




#69
o-Xylene
Concen: 54.891 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

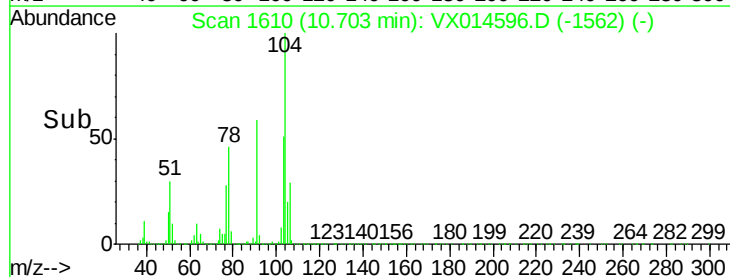
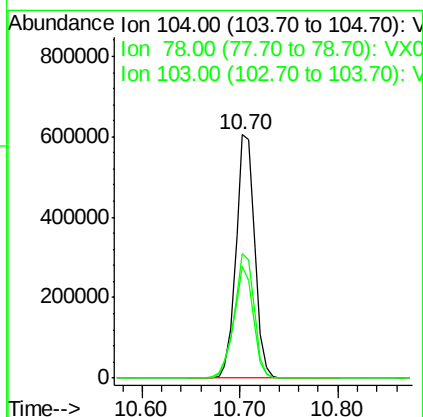
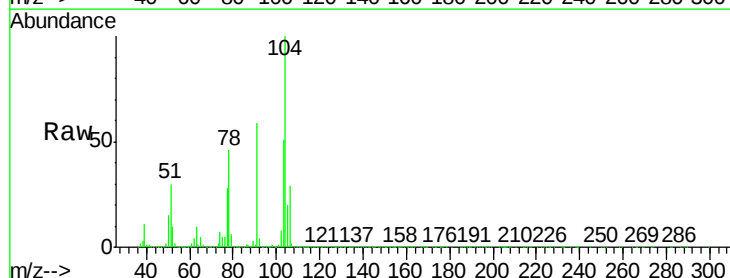
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

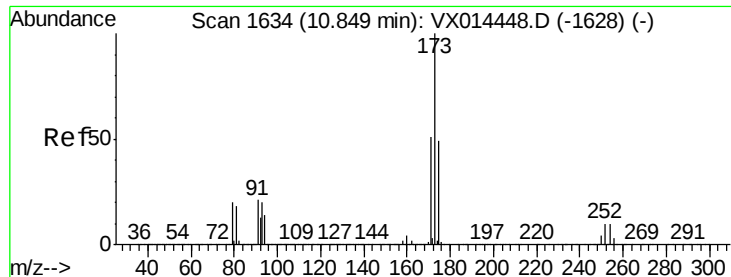
Tgt Ion:106 Resp: 458987
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1



#70
Styrene
Concen: 55.509 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion:104 Resp: 801020
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 54.2 43.7 65.5





#71

Bromoform

Concen: 54.483 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

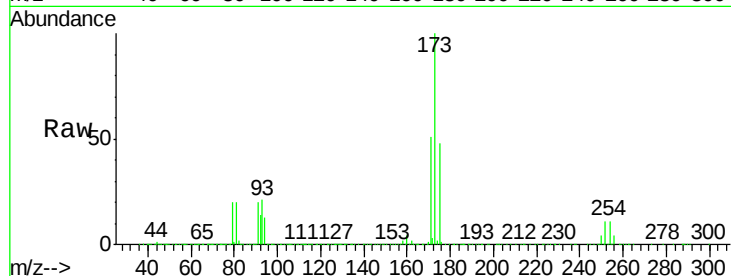
Tgt Ion:173 Resp: 212020

Ion Ratio Lower Upper

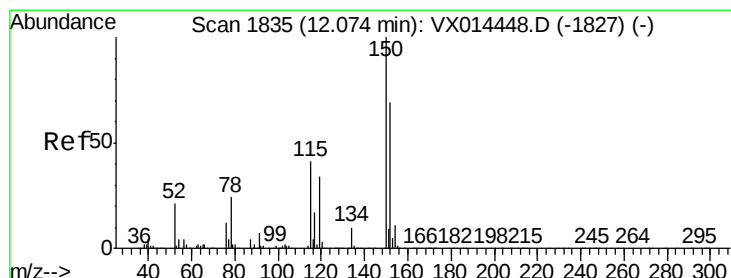
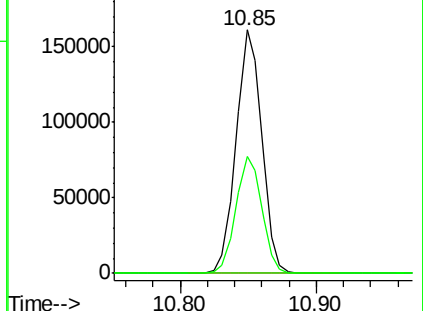
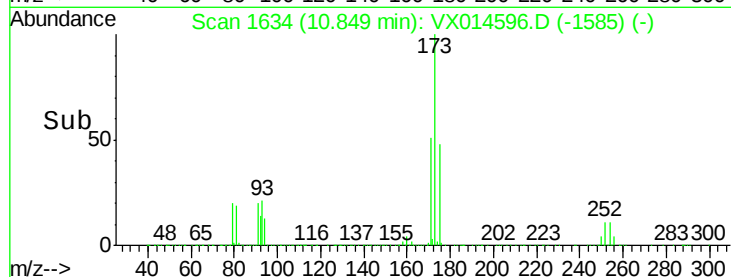
173 100

175 48.2 24.3 72.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

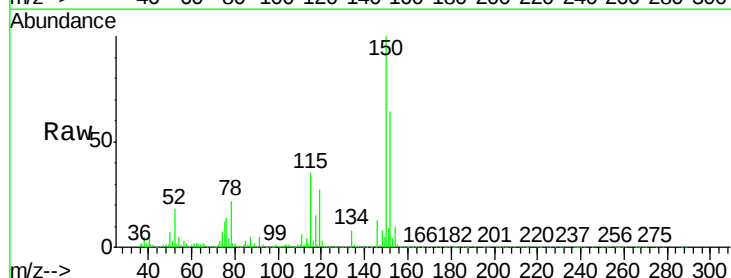
Tgt Ion:152 Resp: 320890

Ion Ratio Lower Upper

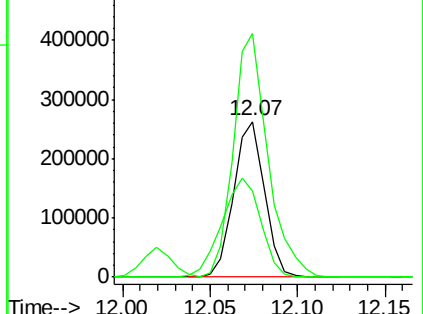
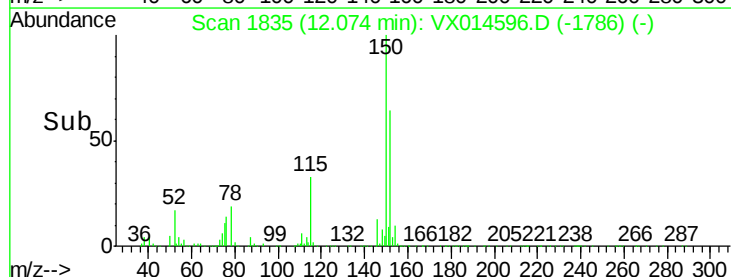
152 100

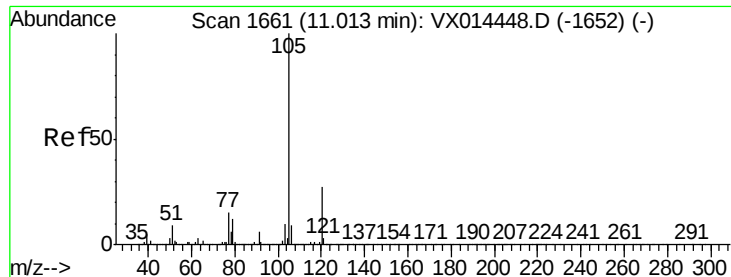
115 79.8 39.5 118.3

150 175.8 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.605 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

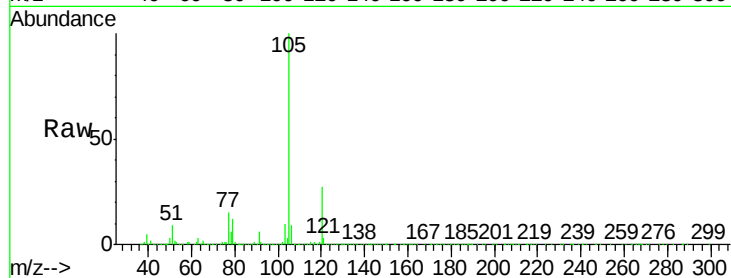
VSTDCCC050

Tgt Ion: 105 Resp: 1230428

Ion Ratio Lower Upper

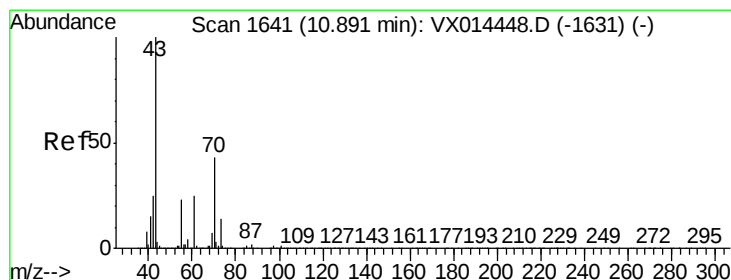
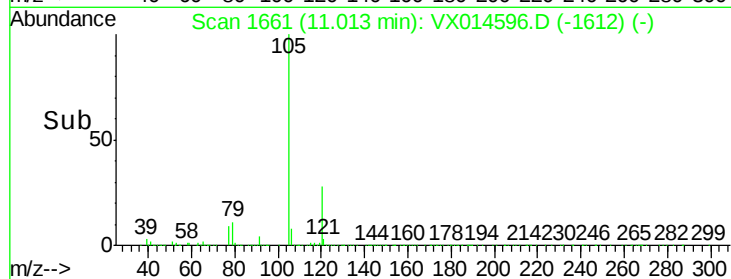
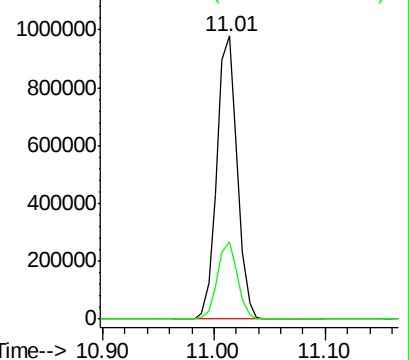
105 100

120 27.0 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: 52.765 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion: 43 Resp: 524561

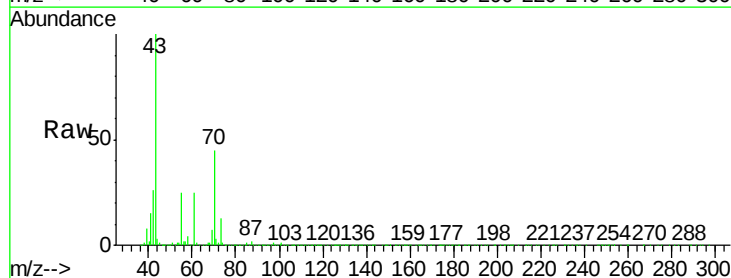
Ion Ratio Lower Upper

43 100

70 43.1 35.1 52.7

55 24.2 19.3 28.9

61 24.7 20.0 30.0

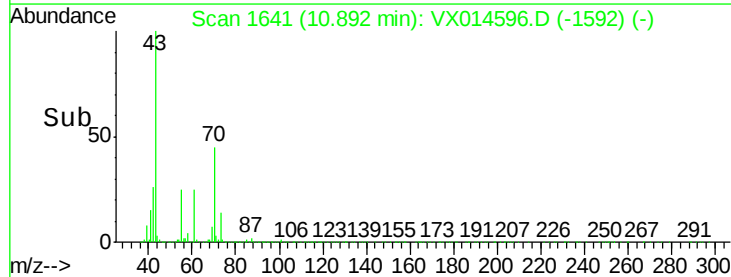
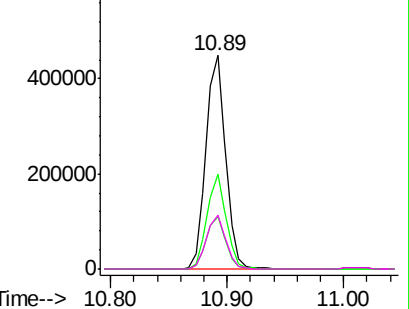


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.475 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

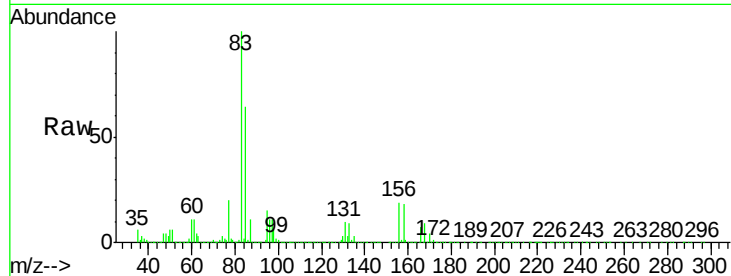
Tgt Ion: 83 Resp: 386428

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

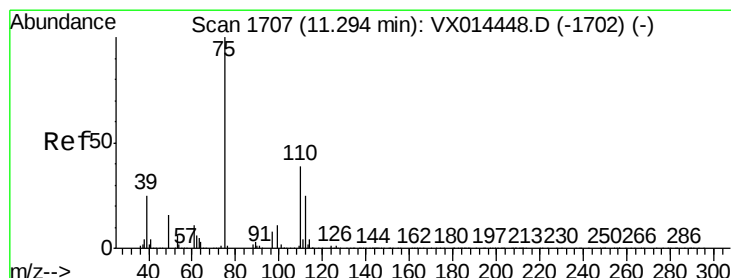
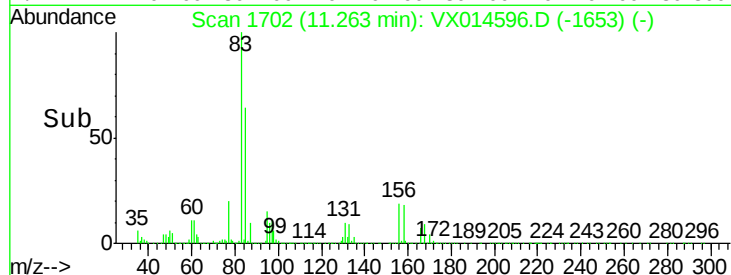
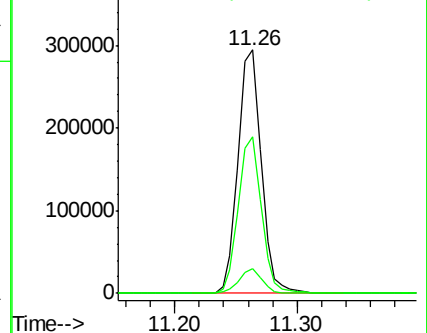
85 64.0 32.5 97.4



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: 68.783 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014596.D

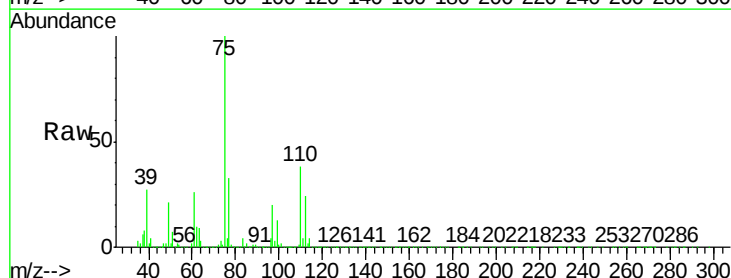
Acq: 14 Jan 2020 09:38

Tgt Ion: 75 Resp: 456671

Ion Ratio Lower Upper

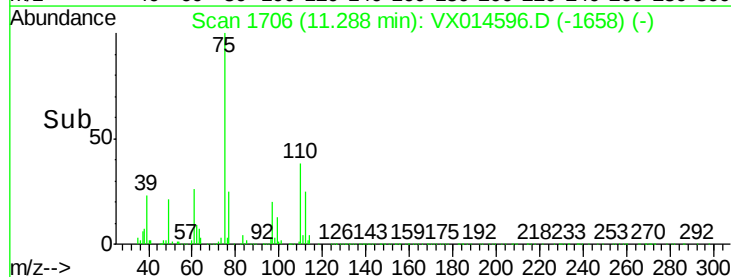
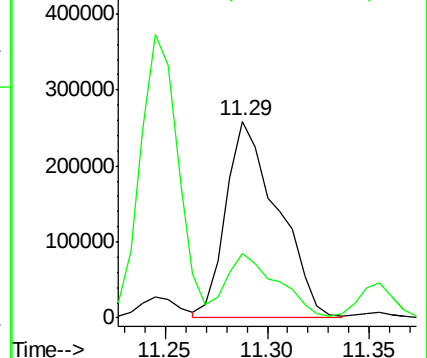
75 100

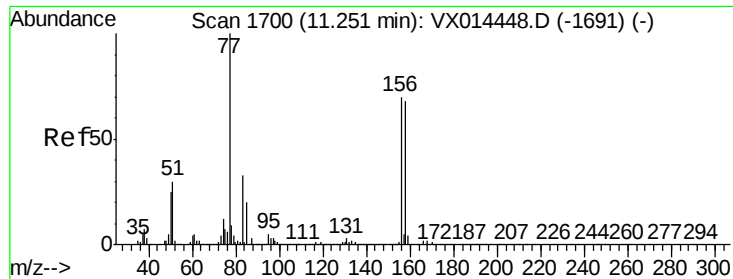
77 32.2 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.973 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

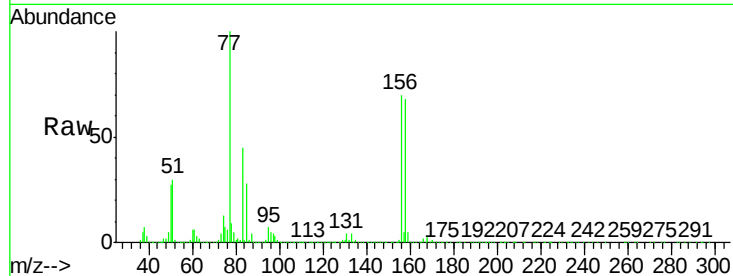
Tgt Ion:156 Resp: 318531

Ion Ratio Lower Upper

156 100

77 150.7 75.4 226.3

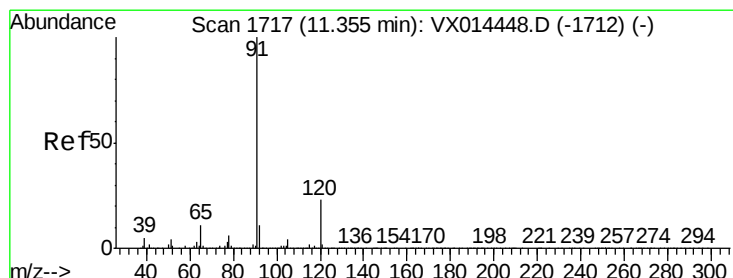
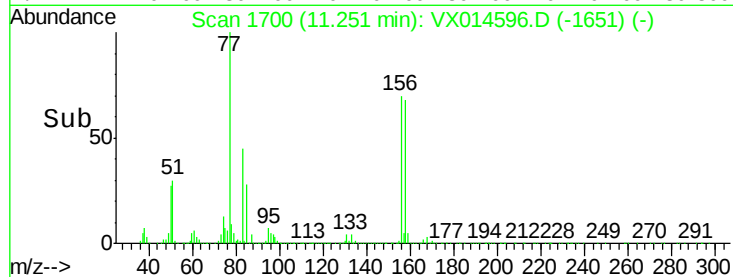
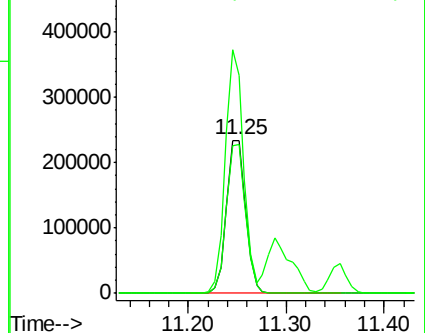
158 97.4 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.678 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014596.D

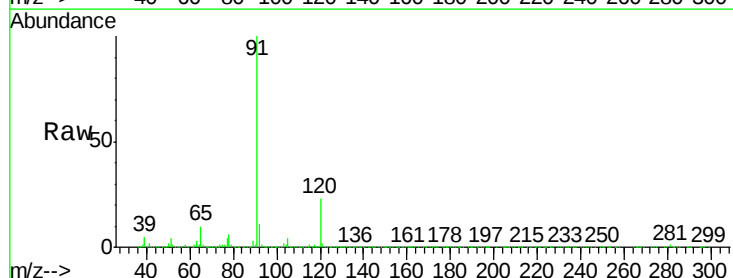
Acq: 14 Jan 2020 09:38

Tgt Ion: 91 Resp: 1436834

Ion Ratio Lower Upper

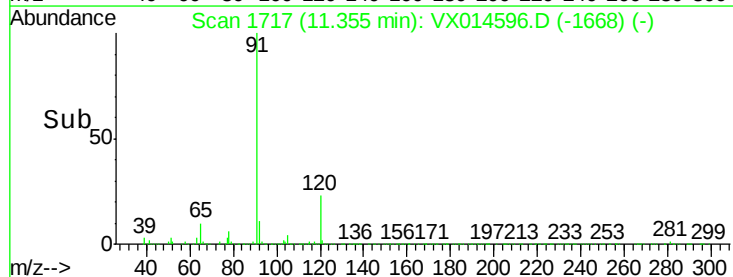
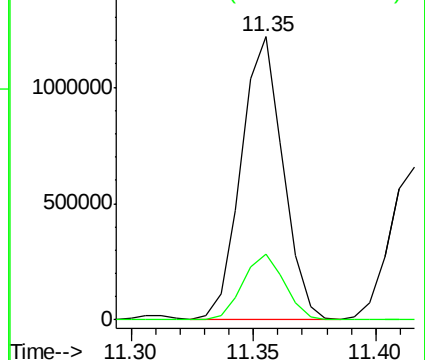
91 100

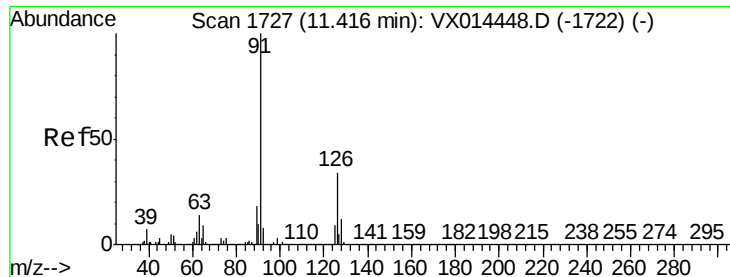
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.212 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

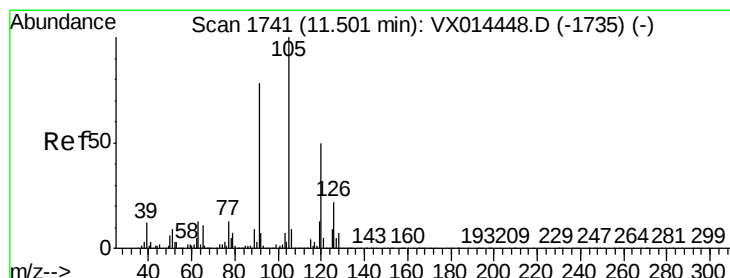
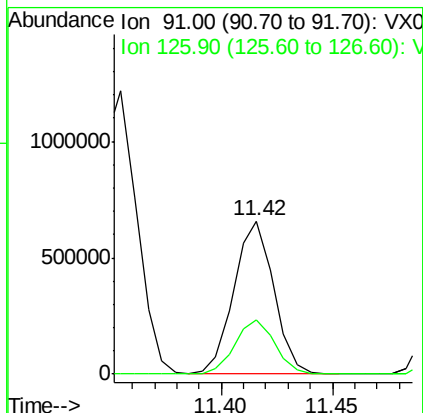
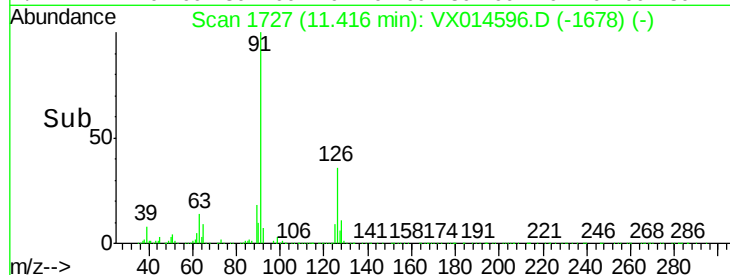
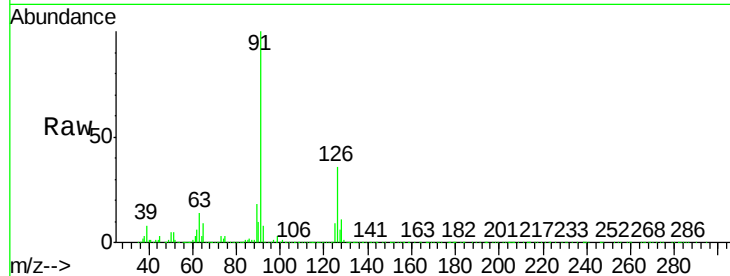
VSTDCCC050

Tgt Ion: 91 Resp: 818416

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 54.962 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014596.D

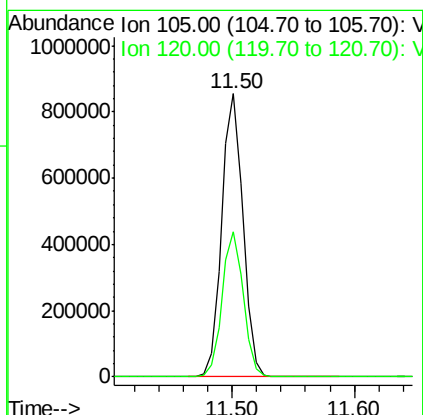
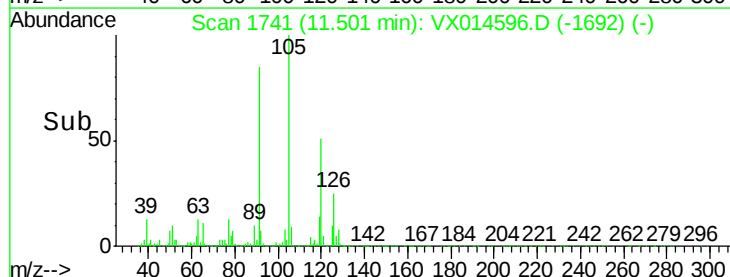
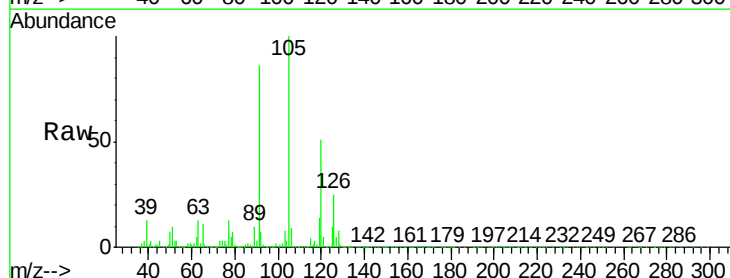
Acq: 14 Jan 2020 09:38

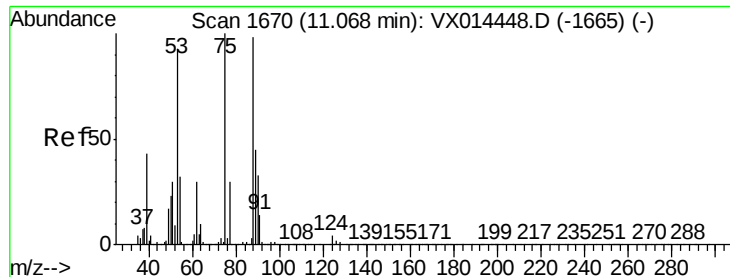
Tgt Ion: 105 Resp: 1028237

Ion Ratio Lower Upper

105 100

120 50.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.248 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

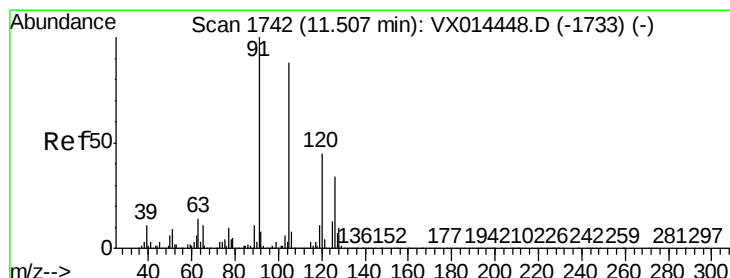
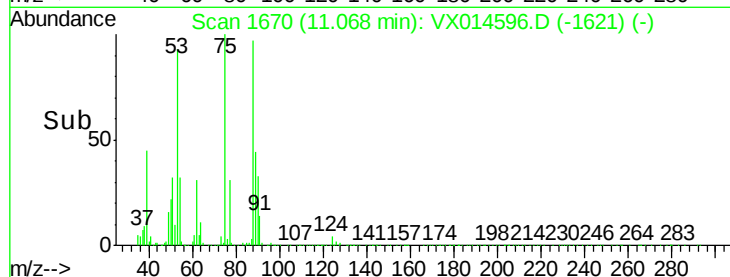
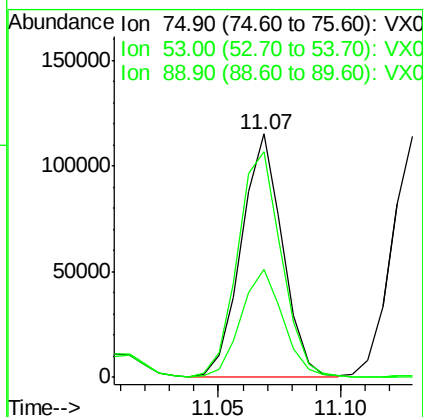
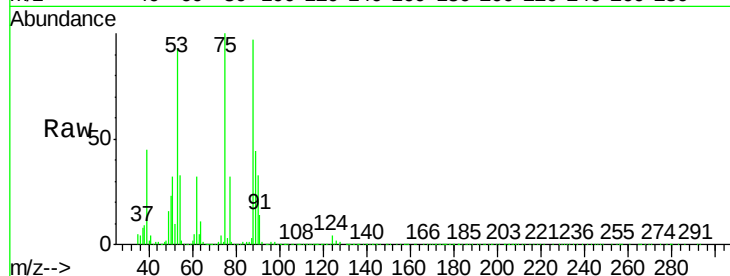
Tgt Ion: 75 Resp: 133720

Ion Ratio Lower Upper

75 100

53 98.4 74.8 112.2

89 45.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 53.613 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014596.D

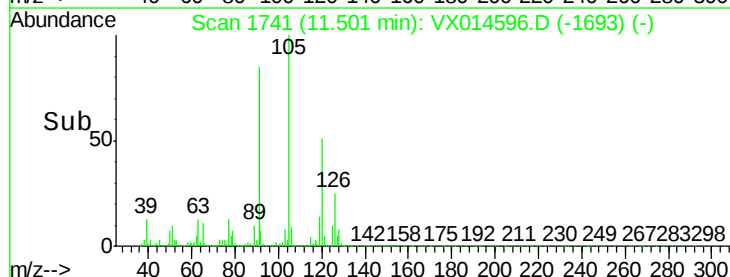
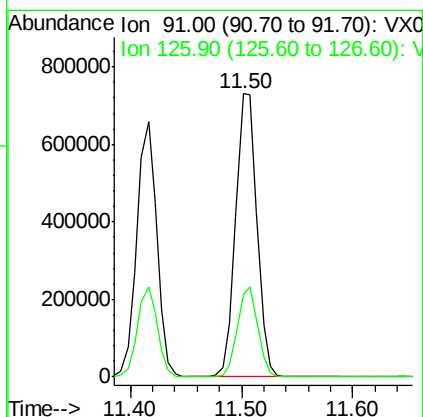
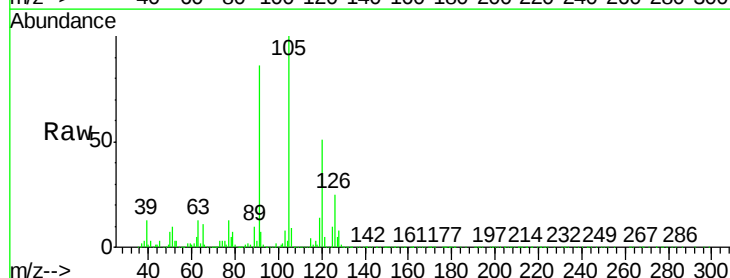
Acq: 14 Jan 2020 09:38

Tgt Ion: 91 Resp: 967909

Ion Ratio Lower Upper

91 100

126 30.5 15.9 47.7

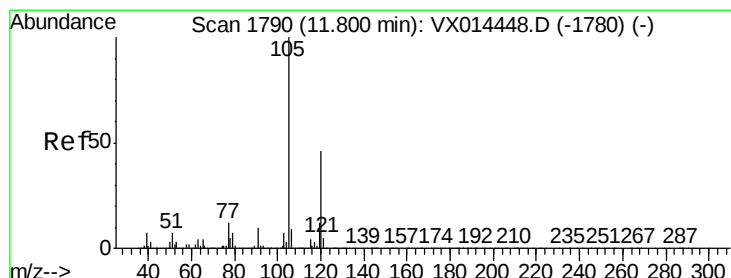
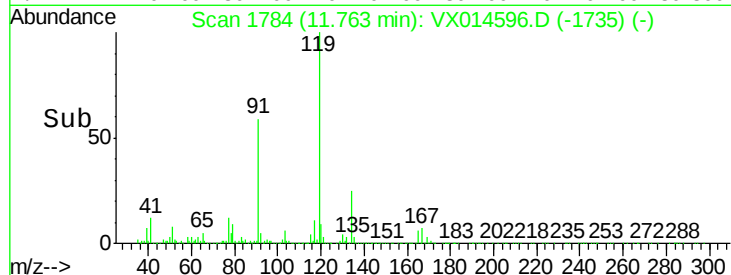
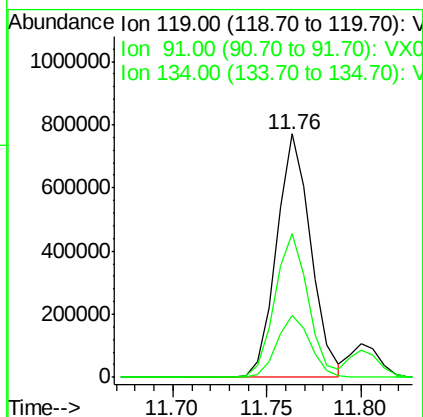
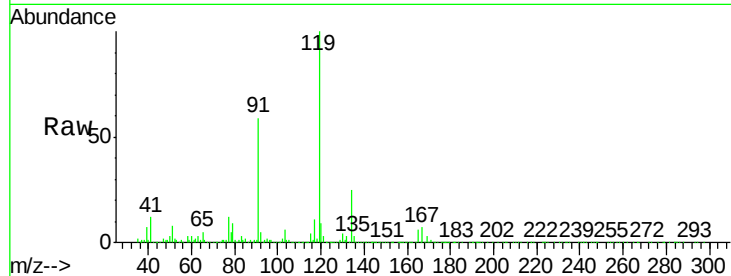




#83
tert-Butylbenzene
Concen: 54.846 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

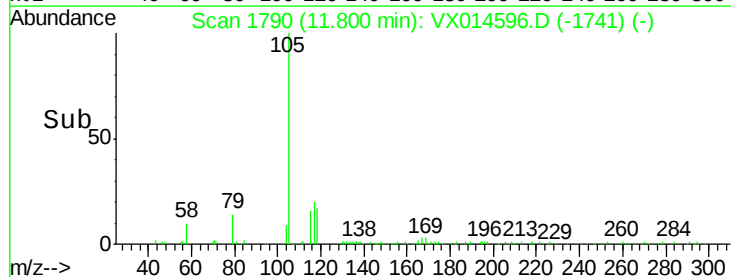
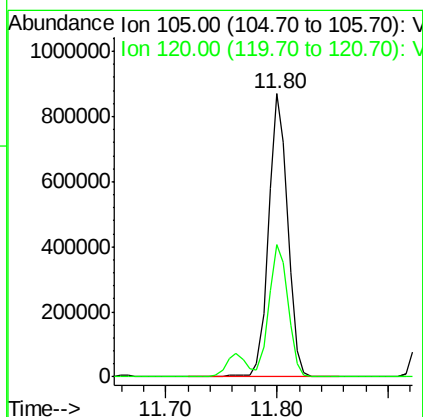
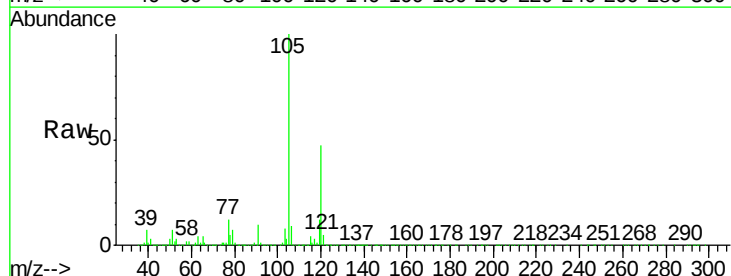
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

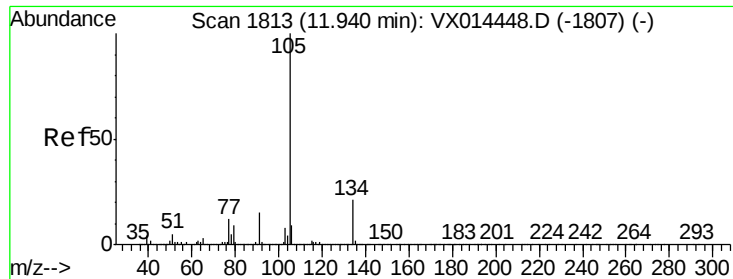
Tgt Ion:119 Resp: 969494
Ion Ratio Lower Upper
119 100
91 57.9 29.3 88.0
134 24.9 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 55.033 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion:105 Resp: 1040334
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3

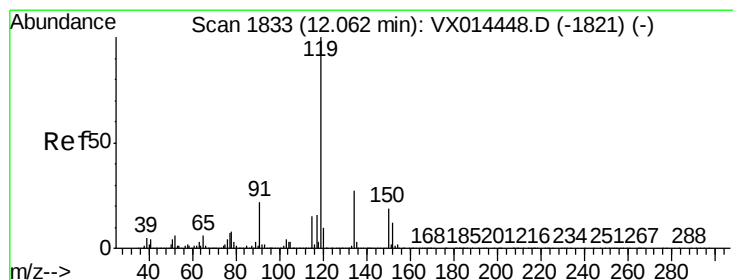
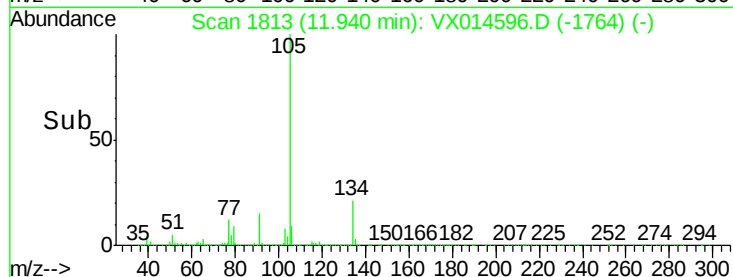
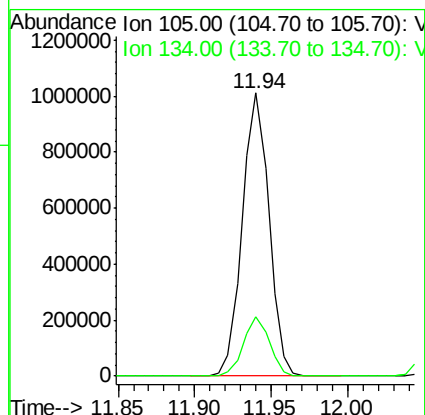
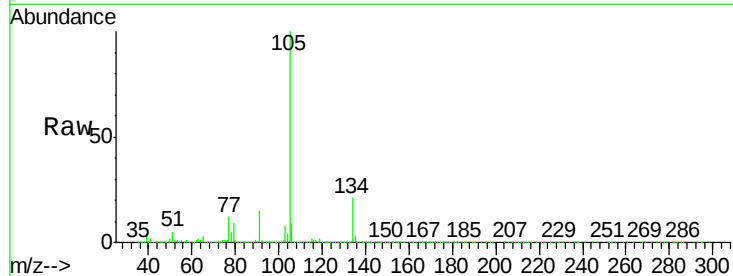




#85
 sec-Butylbenzene
 Concen: 55.477 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

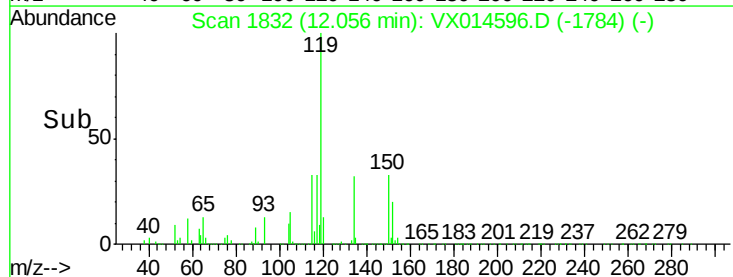
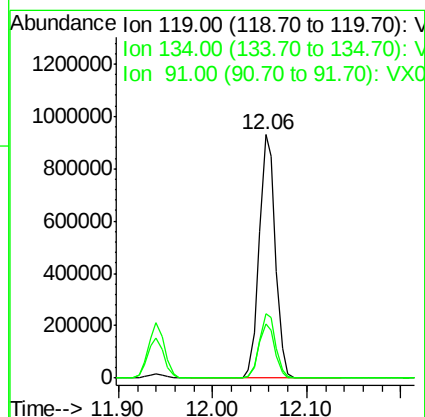
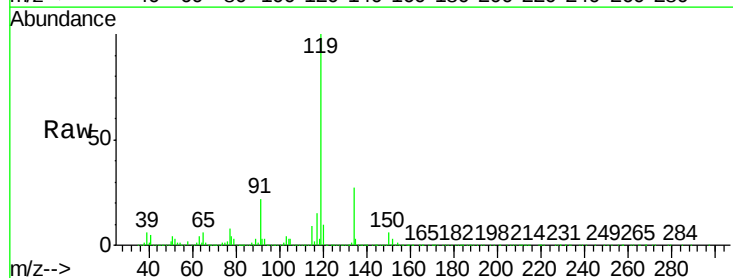
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

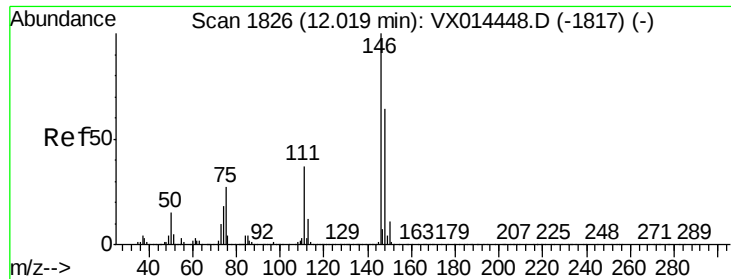
Tgt Ion:105 Resp: 1219078
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 55.448 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion:119 Resp: 1130663
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 51.200 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

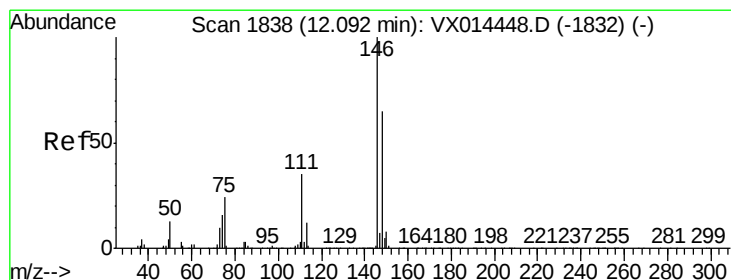
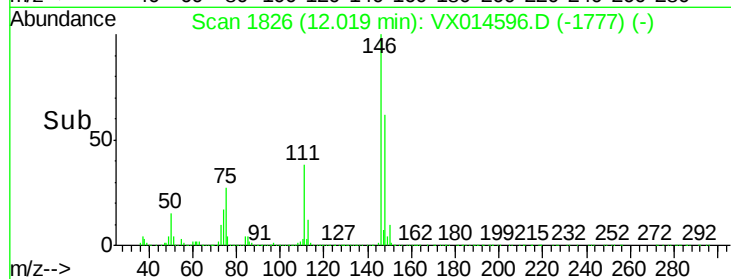
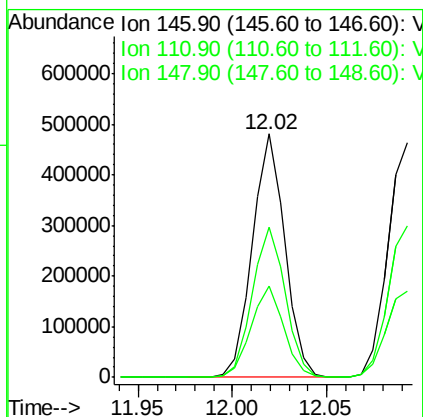
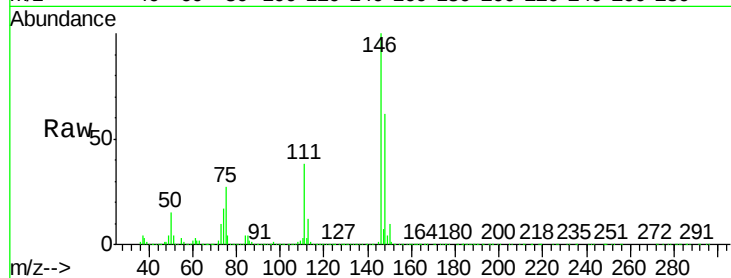
Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 574197

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	63.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 54.611 ug/l

RT: 12.09 min Scan# 1838

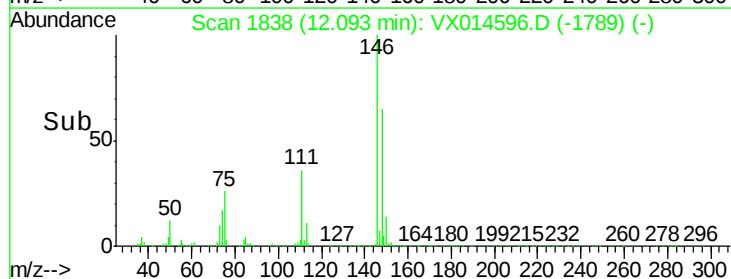
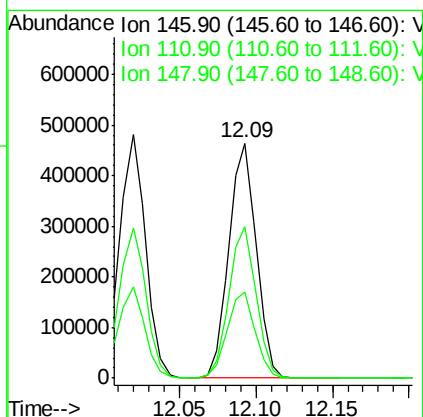
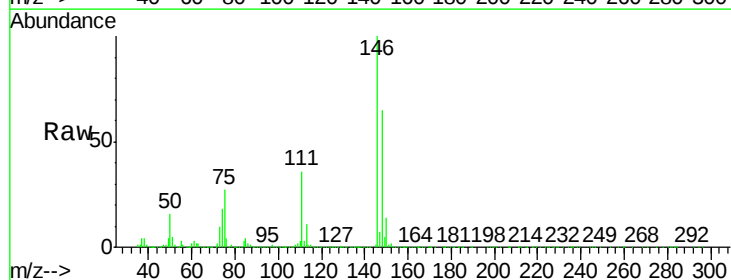
Delta R.T. 0.00 min

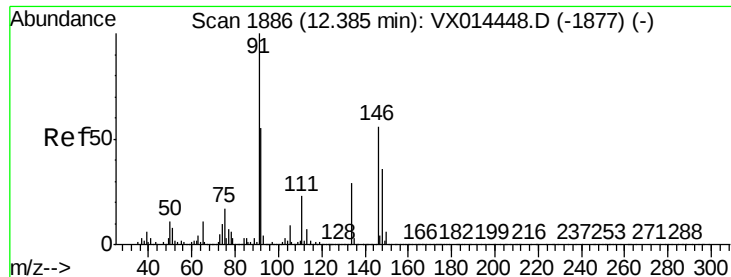
Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:146 Resp: 574815

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.9	32.1	96.3

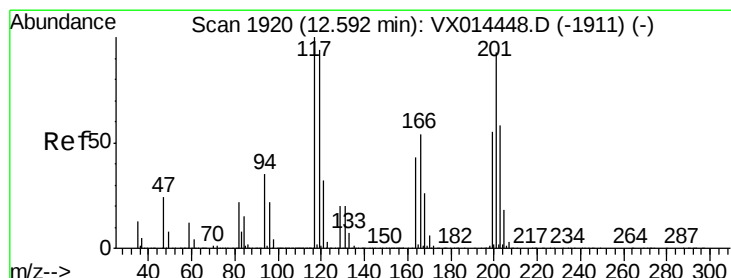
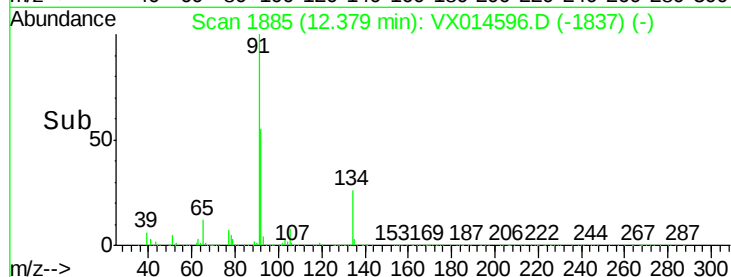
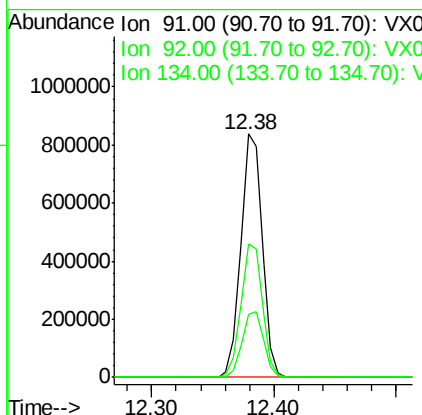
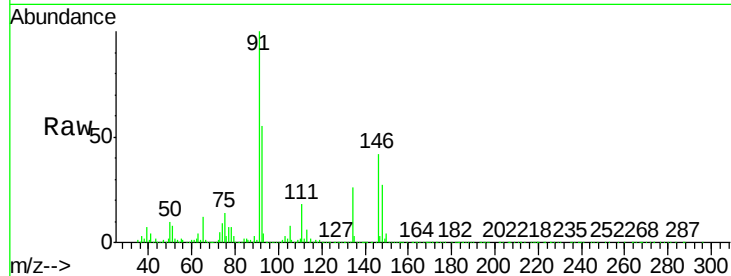




#89
n-Butylbenzene
Concen: 53.906 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

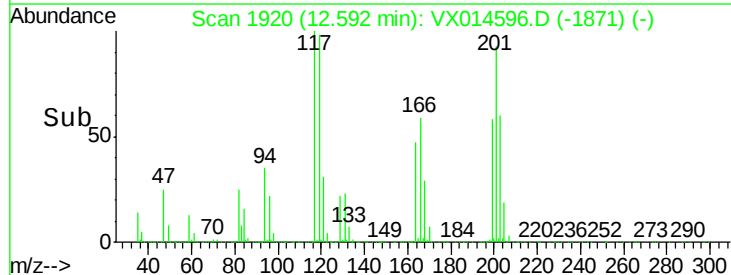
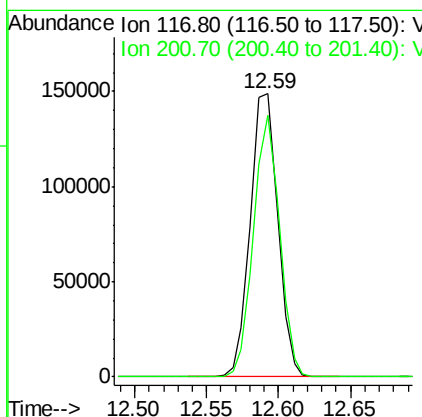
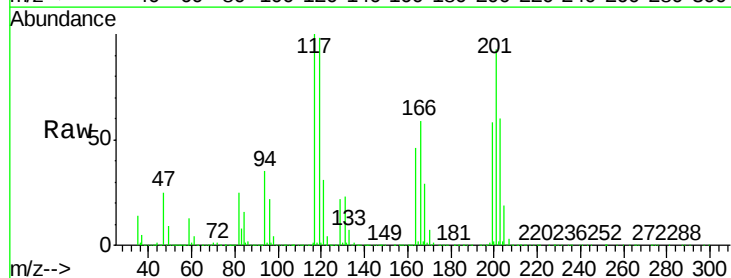
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 1005041
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 27.2 13.9 41.7



#90
Hexachloroethane
Concen: 54.774 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 117 Resp: 196191
Ion Ratio Lower Upper
117 100
201 87.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 51.867 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

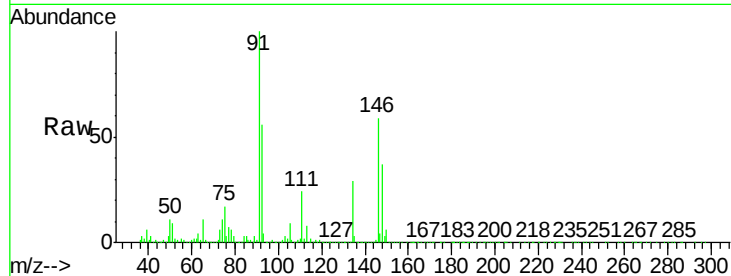
Tgt Ion:146 Resp: 569902

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

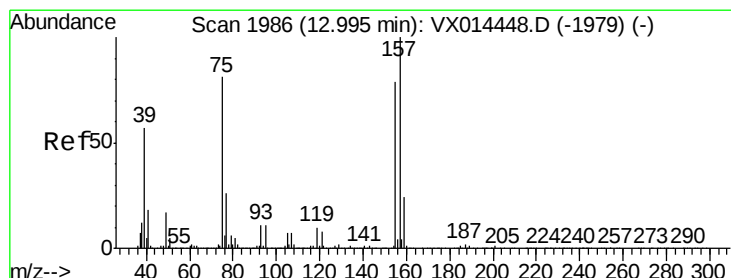
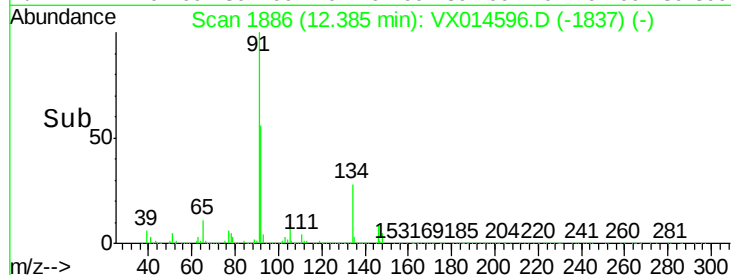
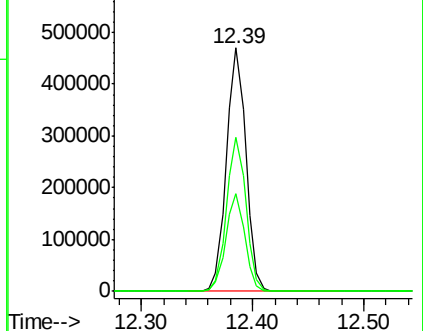
148 63.0 32.3 96.8



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: 50.727 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

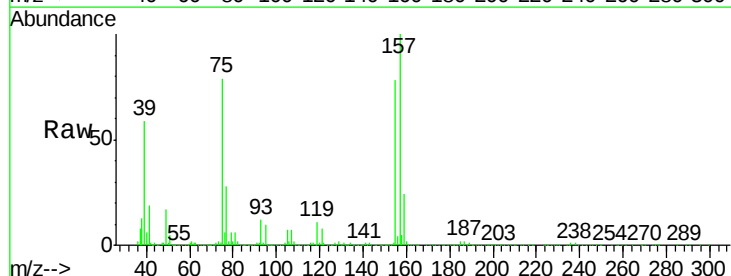
Tgt Ion: 75 Resp: 82456

Ion Ratio Lower Upper

75 100

155 93.5 48.7 146.1

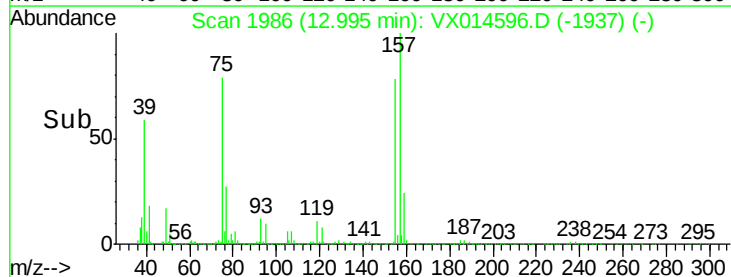
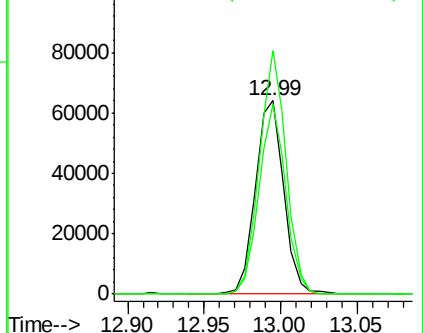
157 119.5 62.0 185.9



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

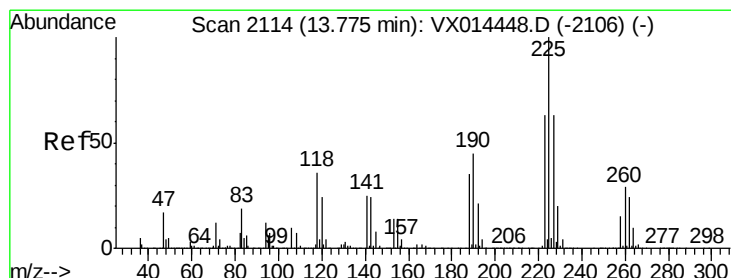
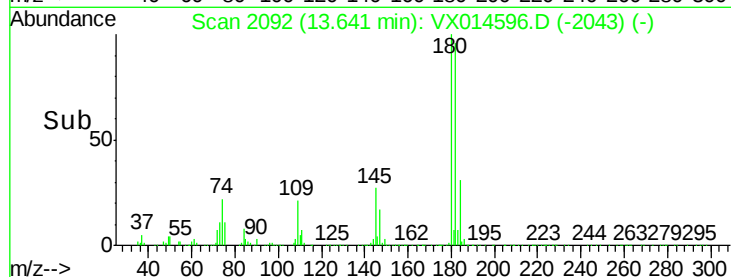
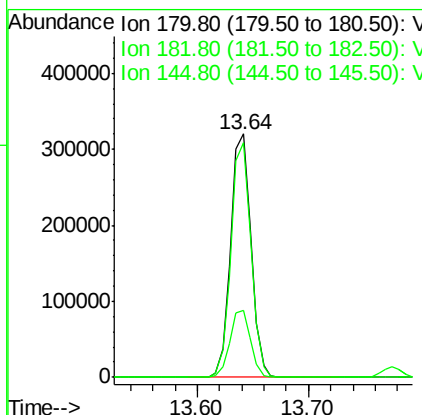
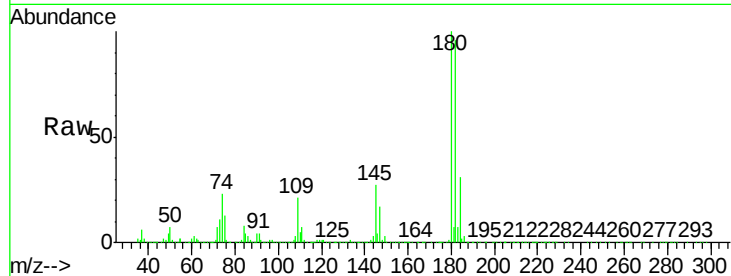




#93
 1,2,4-Trichlorobenzene
 Concen: 52.440 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

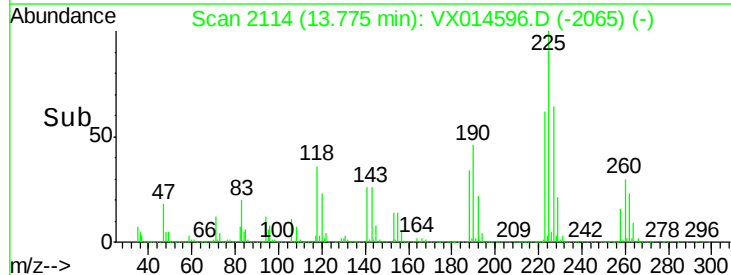
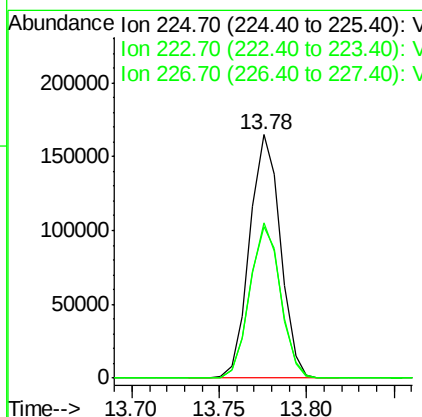
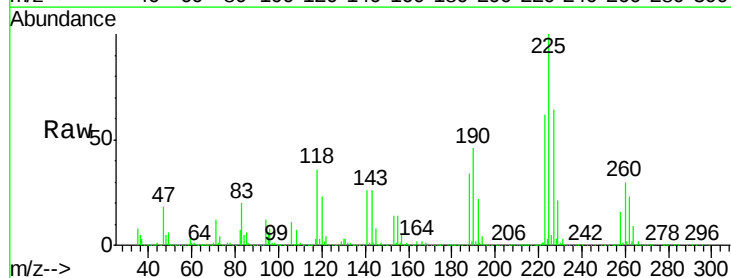
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

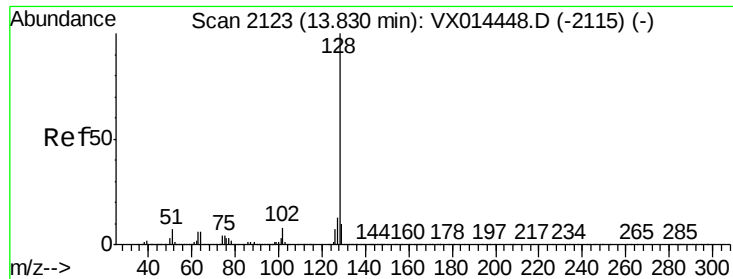
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	27.7	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 55.931 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.2
227	62.9	31.4	94.2

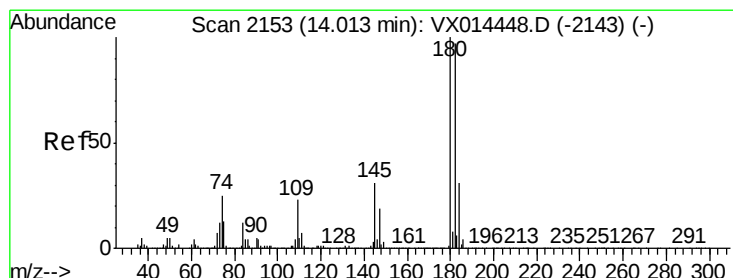
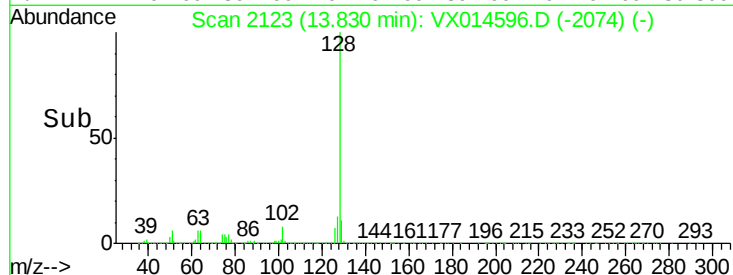
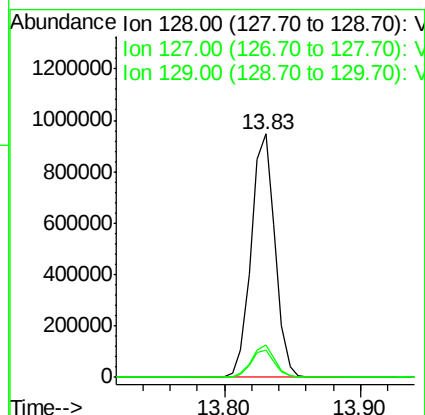
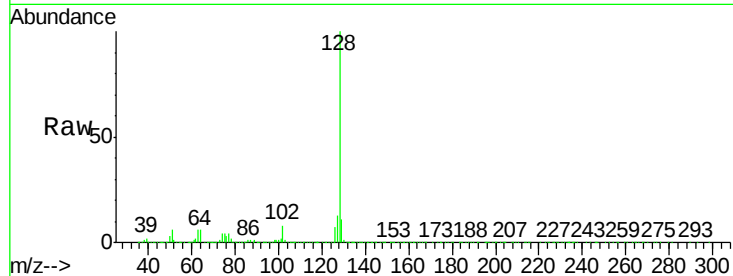




#95
Naphthalene
Concen: 48.521 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1161380
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.699 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion:180 Resp: 398729
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 30.1 14.8 44.3

