

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122719\
 Data File : VX014341.D
 Acq On : 28 Dec 2019 04:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 30 05:46:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	721016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	269214	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.49	113	220892	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	8.71	98	863872	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	309151	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	173063	41.548	ug/l	98
3) Chloromethane	1.32	50	256402	45.868	ug/l	99
4) Vinyl Chloride	1.40	62	272851	46.258	ug/l	98
5) Bromomethane	1.63	94	181848	43.438	ug/l	99
6) Chloroethane	1.72	64	175817	48.296	ug/l	93
7) Trichlorofluoromethane	1.92	101	349011	47.799	ug/l	97
8) Diethyl Ether	2.18	74	167142	48.774	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210171	47.750	ug/l	99
10) Methyl Iodide	2.50	142	272954	47.181	ug/l	99
11) Tert butyl alcohol	3.03	59	264347	231.840	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212968	47.551	ug/l	97
13) Acrolein	2.28	56	164957	252.732	ug/l	99
14) Allyl chloride	2.72	41	388420	48.573	ug/l	98
15) Acrylonitrile	3.13	53	700315	263.144	ug/l	99
16) Acetone	2.43	43	690908	201.676	ug/l	99
17) Carbon Disulfide	2.56	76	523521	42.223	ug/l	99
18) Methyl Acetate	2.76	43	393829	58.015	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	757813	51.491	ug/l	100
20) Methylene Chloride	2.85	84	256050	47.463	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	231575	46.933	ug/l	97
22) Diisopropyl ether	3.84	45	834224	52.351	ug/l	91
23) Vinyl Acetate	3.80	43	1889700	145.315	ug/l	100
24) 1,1-Dichloroethane	3.69	63	444608	50.149	ug/l	100
25) 2-Butanone	4.66	43	1017702	240.953	ug/l	99
26) 2,2-Dichloropropane	4.58	77	252226	36.642	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	273990	49.099	ug/l	98
28) Bromochloromethane	5.01	49	186930	54.780	ug/l	97
29) Tetrahydrofuran	5.11	42	624371	264.296	ug/l	99
30) Chloroform	5.20	83	429946	51.156	ug/l	99
31) Cyclohexane	5.58	56	379006	48.065	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	354409	49.478	ug/l	99
36) 1,1-Dichloropropene	5.79	75	318090	48.081	ug/l	99
37) Ethyl Acetate	4.82	43	372331	50.965	ug/l	99
38) Carbon Tetrachloride	5.78	117	295676	49.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373170	45.682	ug/l	96
40) Benzene	6.14	78	1003850	49.315	ug/l	99
41) Methacrylonitrile	5.03	41	212700	52.473	ug/l	97
42) 1,2-Dichloroethane	6.18	62	344751	49.963	ug/l	98
43) Isopropyl Acetate	6.43	43	619389	51.230	ug/l	99
44) Trichloroethene	7.21	130	296093	52.663	ug/l	99
45) 1,2-Dichloropropane	7.51	63	268910	51.541	ug/l	97
46) Dibromomethane	7.65	93	167141	48.454	ug/l	100
47) Bromodichloromethane	7.89	83	336362	51.775	ug/l	98
48) Methyl methacrylate	7.76	41	299978	50.669	ug/l	99
49) 1,4-Dioxane	7.73	88	109873	911.953	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1949261	256.717	ug/l	100
52) Toluene	8.78	92	625315	48.601	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	352764	49.521	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389844	49.123	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260913	50.597	ug/l	99
56) Ethyl methacrylate	9.17	69	416300	51.393	ug/l	99
57) 1,3-Dichloropropane	9.37	76	439458	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	818567	267.031	ug/l	100
59) 2-Hexanone	9.48	43	1502480	245.808	ug/l	99
60) Dibromochloromethane	9.57	129	270535	52.779	ug/l	100
61) 1,2-Dibromoethane	9.67	107	267891	50.774	ug/l	99
64) Tetrachloroethene	9.33	164	400368	68.751	ug/l	95
65) Chlorobenzene	10.14	112	677364	48.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	251789	50.395	ug/l	99
67) Ethyl Benzene	10.25	91	1187621	49.366	ug/l	100
68) m/p-Xylenes	10.35	106	901422	97.422	ug/l	99
69) o-Xylene	10.70	106	446621	49.216	ug/l	100
70) Styrene	10.71	104	759792	49.514	ug/l	99
71) Bromoform	10.85	173	205064	51.059	ug/l	99
73) Isopropylbenzene	11.01	105	1166558	51.629	ug/l	100
74) N-amyl acetate	10.89	43	542781	51.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342968	43.782	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	442282	63.482	ug/l	87
77) Bromobenzene	11.25	156	302566	48.670	ug/l	99
78) n-propylbenzene	11.35	91	1310133	51.693	ug/l	99
79) 2-Chlorotoluene	11.42	91	781864	50.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	981861	51.633	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116176	47.066	ug/l	97
82) 4-Chlorotoluene	11.51	91	900094	50.367	ug/l	99
83) tert-Butylbenzene	11.76	119	825655	44.616	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	971015	50.989	ug/l	100
85) sec-Butylbenzene	11.94	105	1128025	51.634	ug/l	100
86) p-Isopropyltoluene	12.06	119	1020789	51.081	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	530368	48.678	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	524733	47.365	ug/l	100
89) n-Butylbenzene	12.38	91	874024	51.258	ug/l	100
90) Hexachloroethane	12.59	117	178134	49.627	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	532462	48.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80429	46.397	ug/l	98

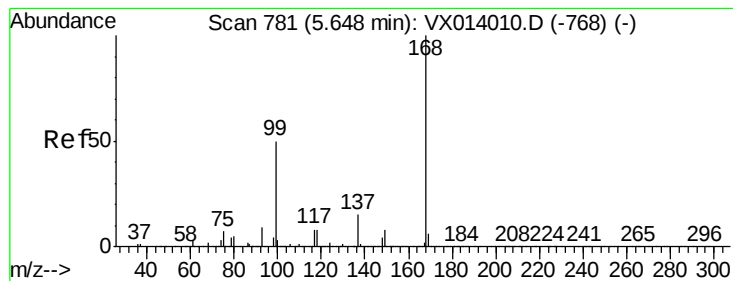
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	354305	49.701	ug/l	99
94) Hexachlorobutadiene	13.77	225	165309	48.250	ug/l	97
95) Naphthalene	13.83	128	1102718	52.649	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360603	51.243	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

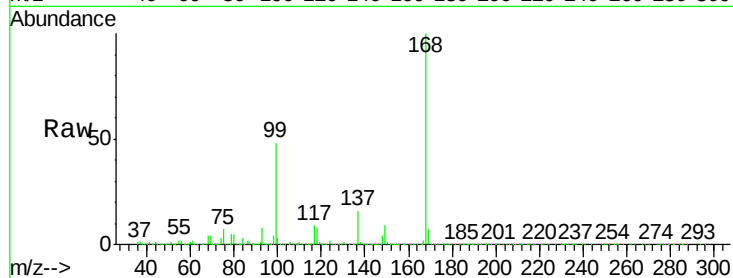
VSTDCCC050EC

Tgt Ion:168 Resp: 465596

Ion Ratio Lower Upper

168 100

99 47.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

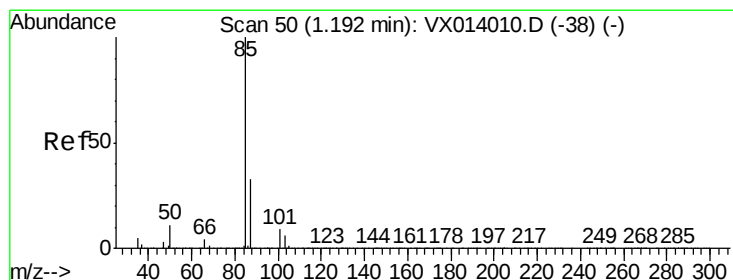
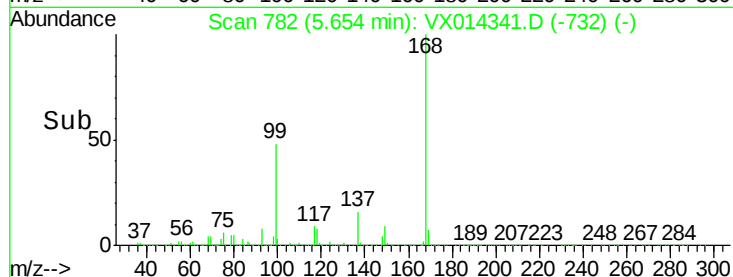
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.548 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014341.D

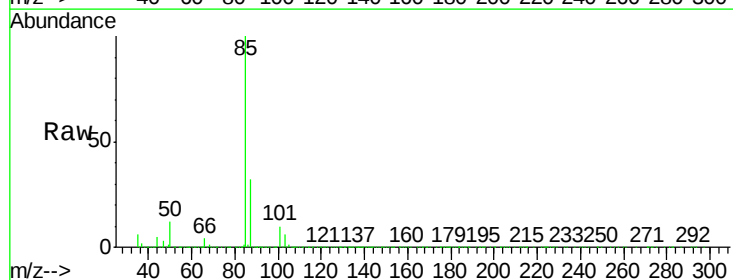
Acq: 28 Dec 2019 04:56

Tgt Ion: 85 Resp: 173063

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

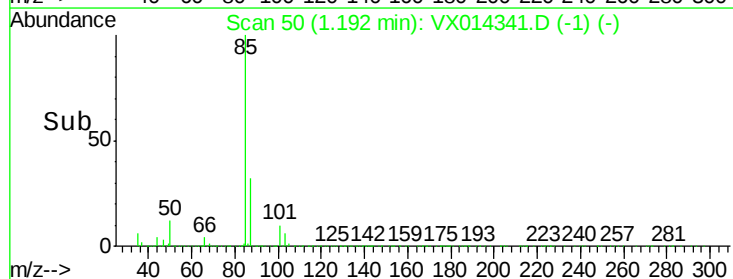
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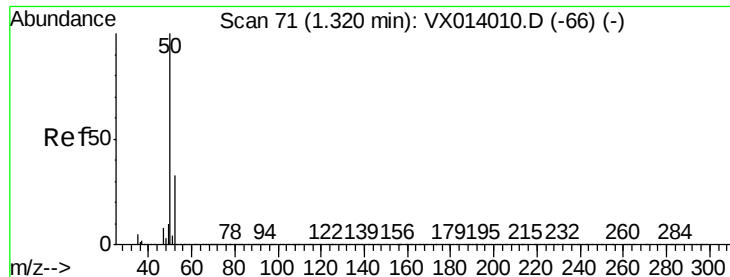
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50000

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Time-->





#3

Chloromethane

Concen: 45.868 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

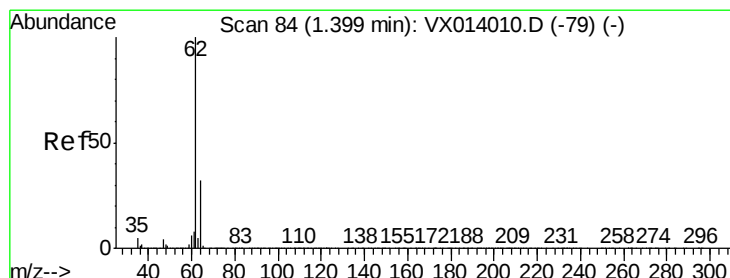
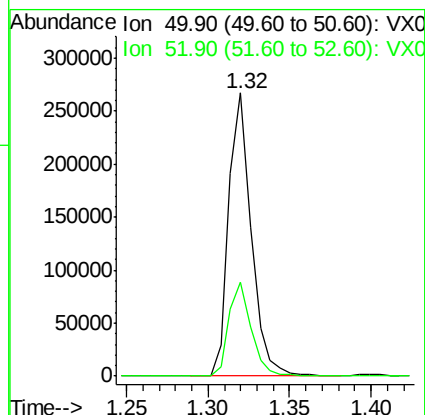
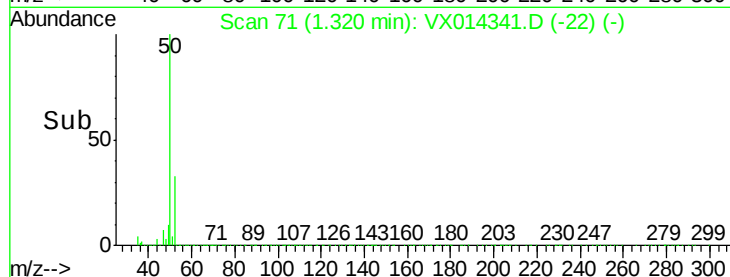
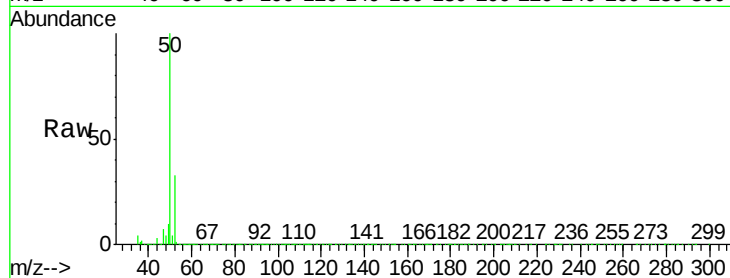
VSTDCCC050EC

Tgt Ion: 50 Resp: 256402

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 46.258 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014341.D

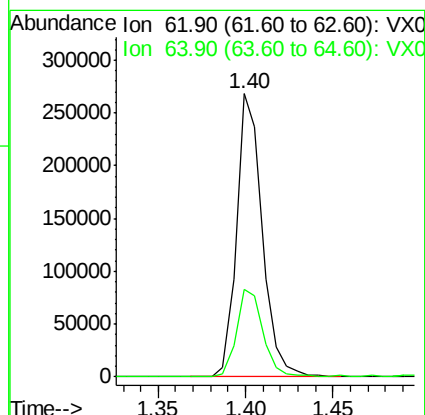
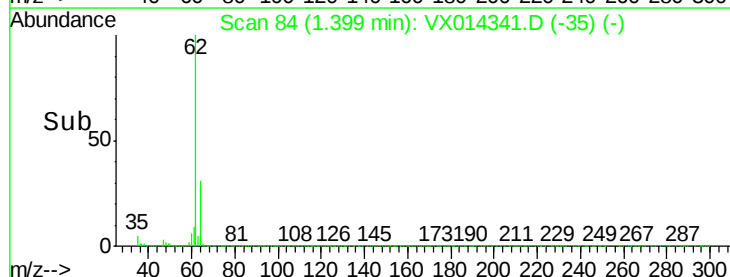
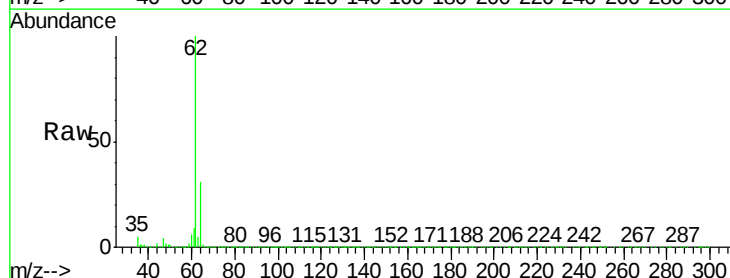
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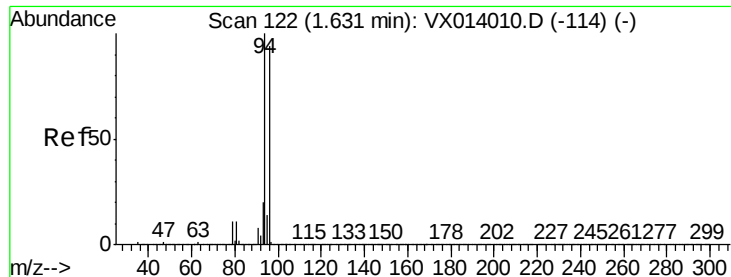
Tgt Ion: 62 Resp: 272851

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 43.438 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

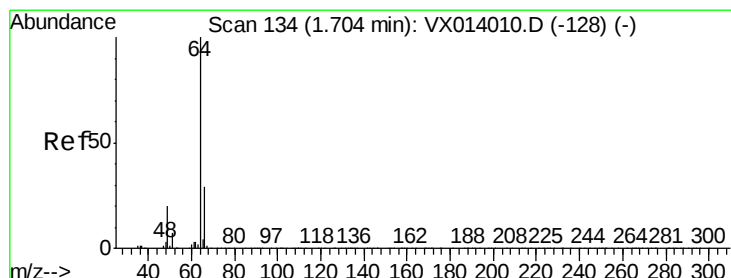
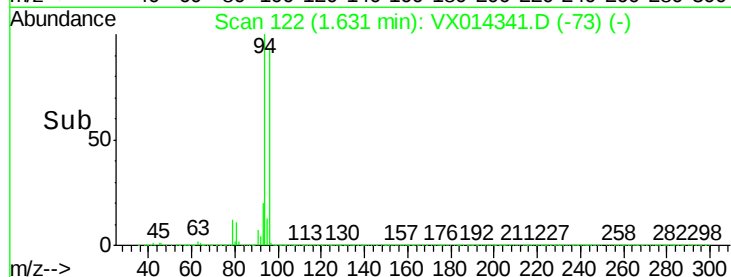
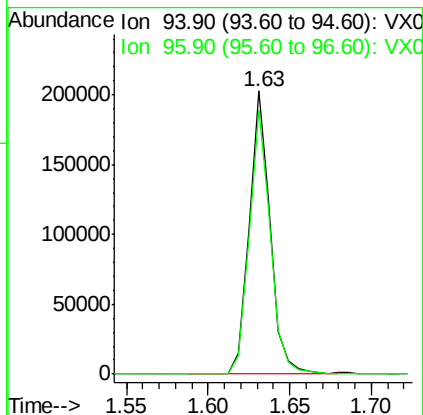
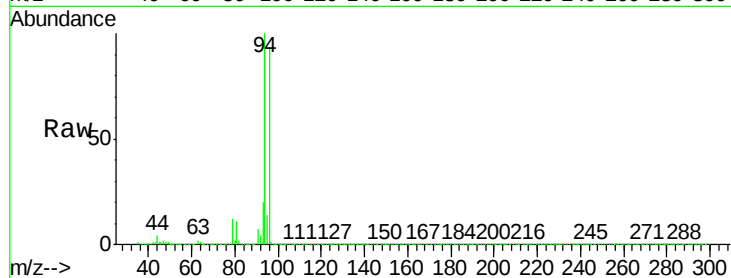
VSTDCCC050EC

Tgt Ion: 94 Resp: 181848

Ion Ratio Lower Upper

94 100

96 93.2 75.2 112.8



#6

Chloroethane

Concen: 48.296 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014341.D

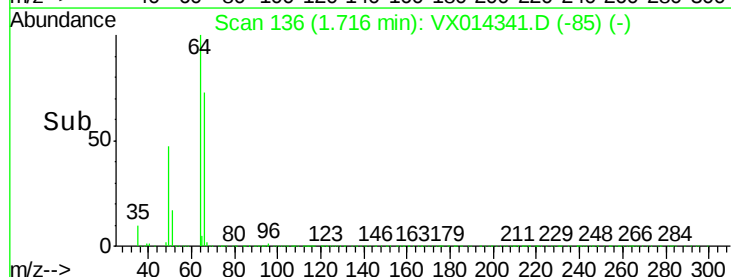
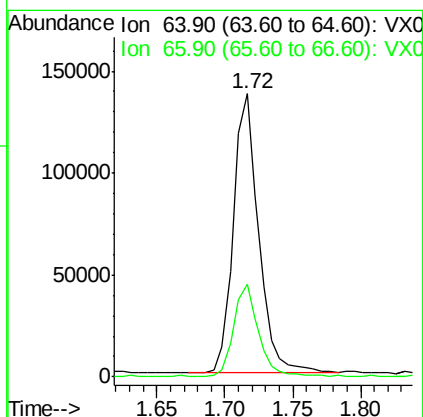
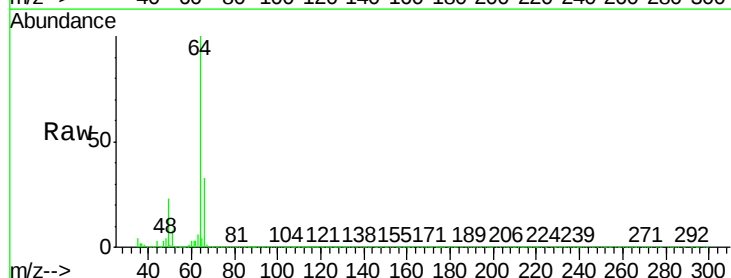
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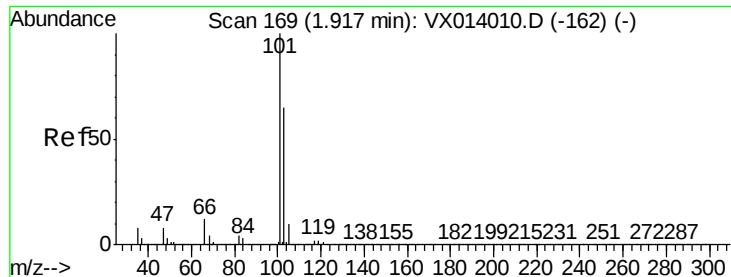
Tgt Ion: 64 Resp: 175817

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2



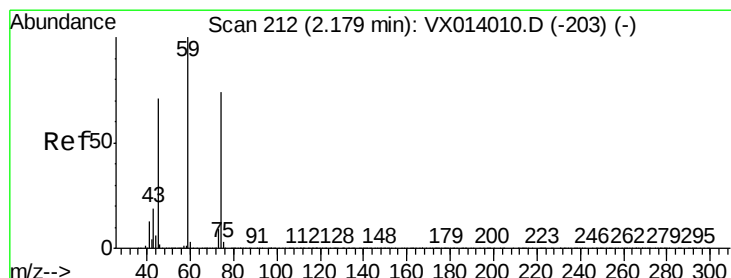
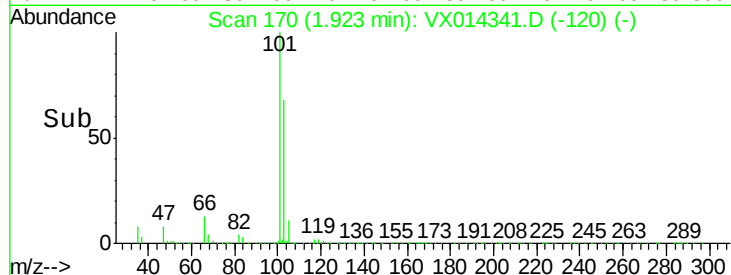
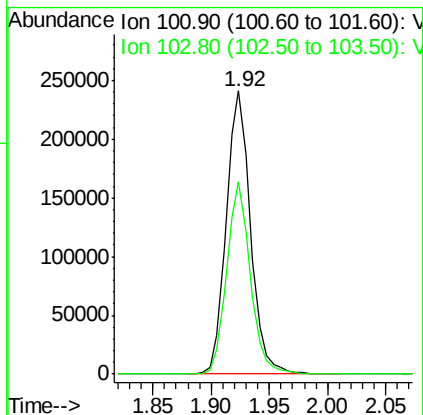
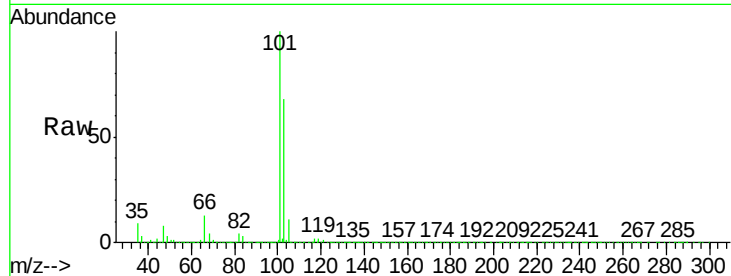


#7

Trichlorofluoromethane
Concen: 47.799 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

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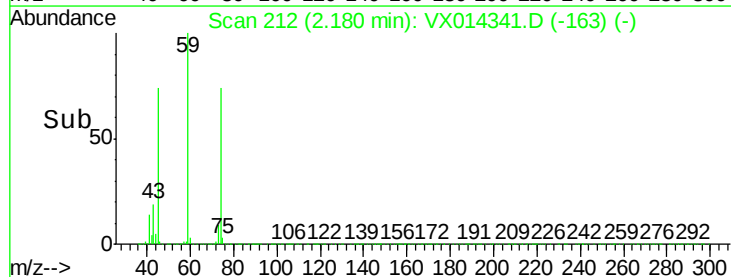
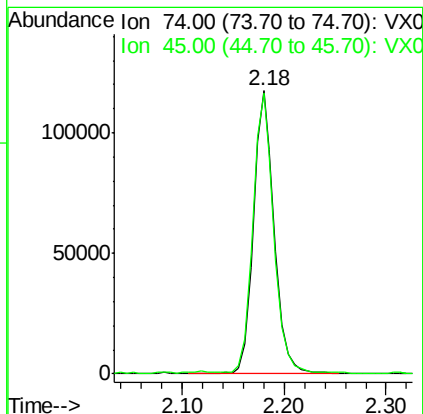
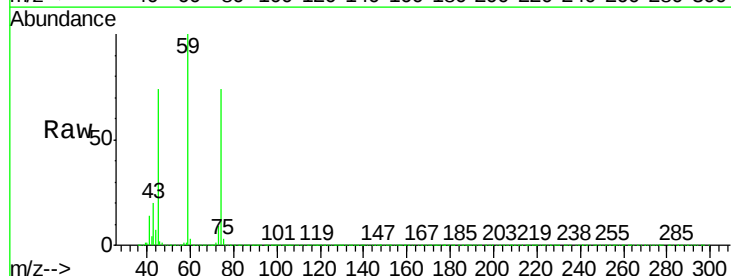
Tgt Ion:101 Resp: 349011
Ion Ratio Lower Upper
101 100
103 68.0 52.2 78.4



#8

Diethyl Ether
Concen: 48.774 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 74 Resp: 167142
Ion Ratio Lower Upper
74 100
45 99.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.750 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

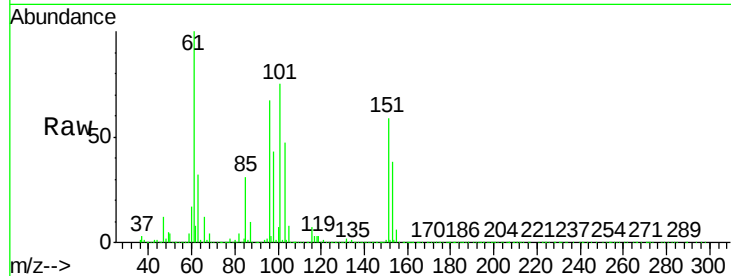
Tgt Ion:101 Resp: 210171

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

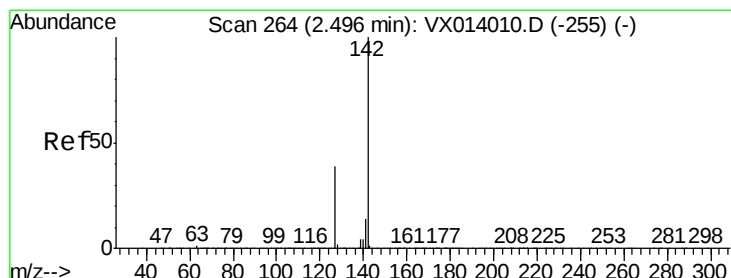
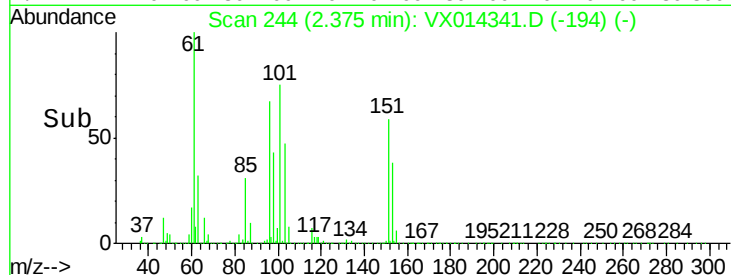
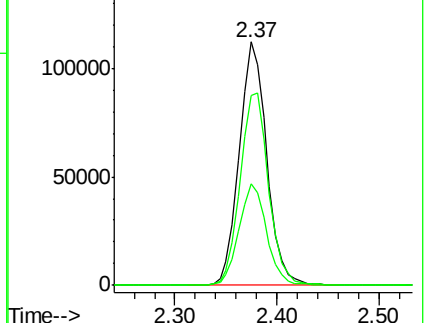
151 82.1 64.5 96.7



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: 47.181 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

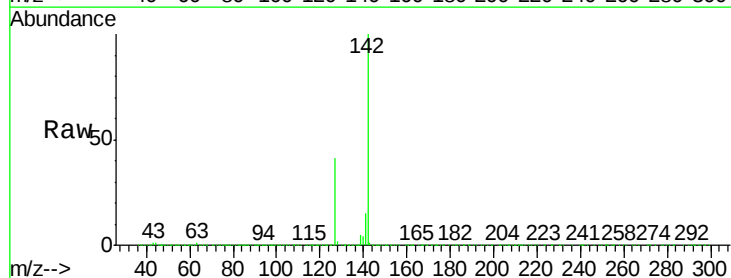
Tgt Ion:142 Resp: 272954

Ion Ratio Lower Upper

142 100

127 38.9 31.6 47.4

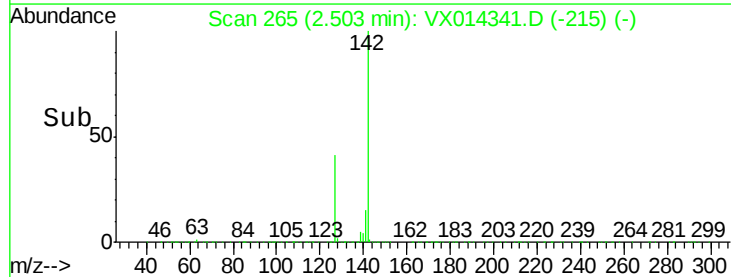
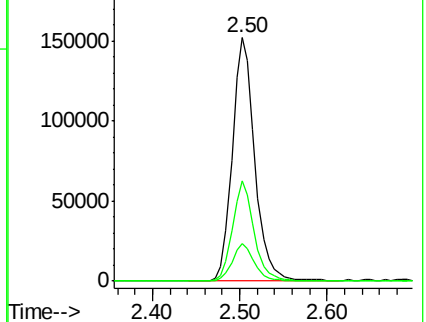
141 14.7 11.6 17.4

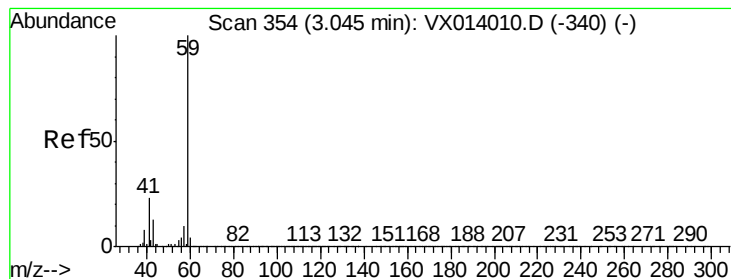


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



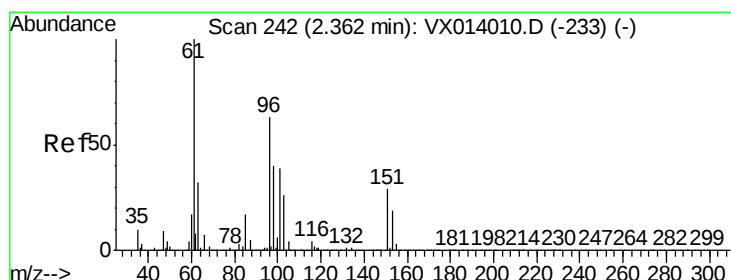
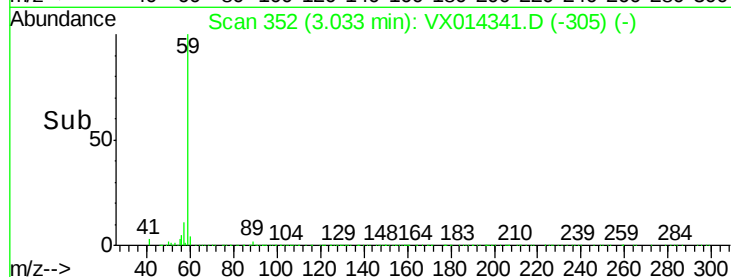
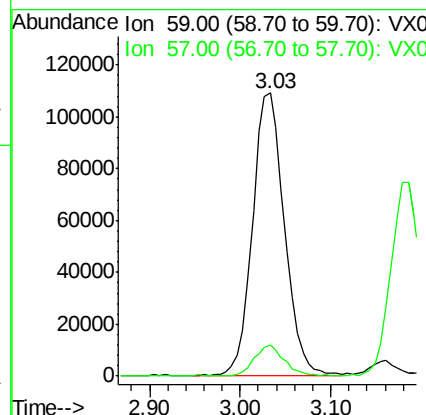
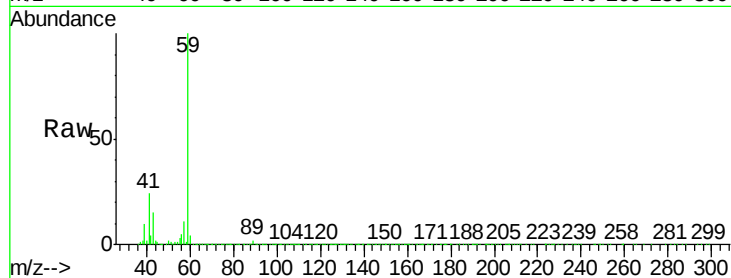


#11

Tert butyl alcohol
Concen: 231.840 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

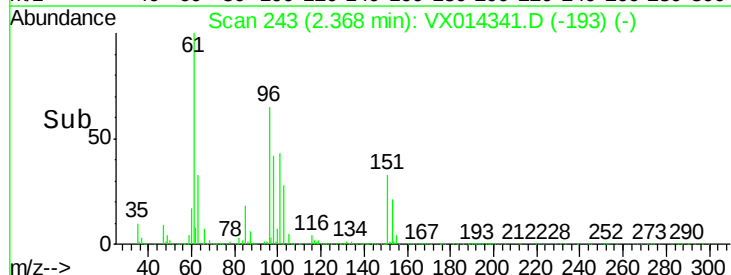
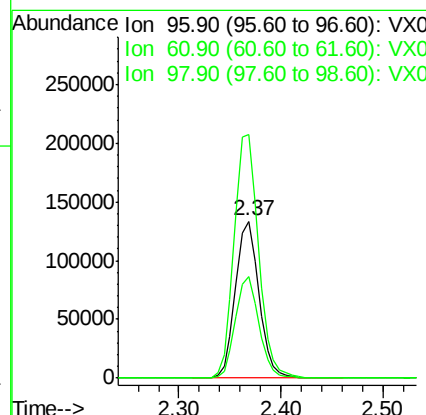
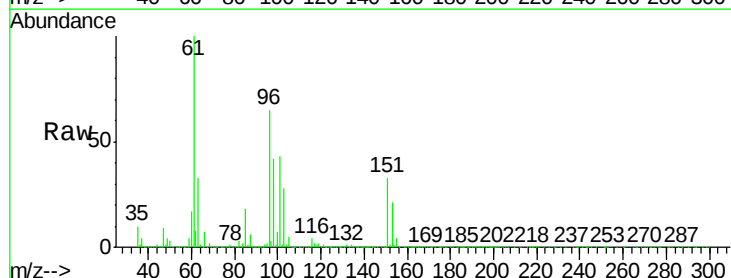
Tgt Ion: 59 Resp: 264347
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

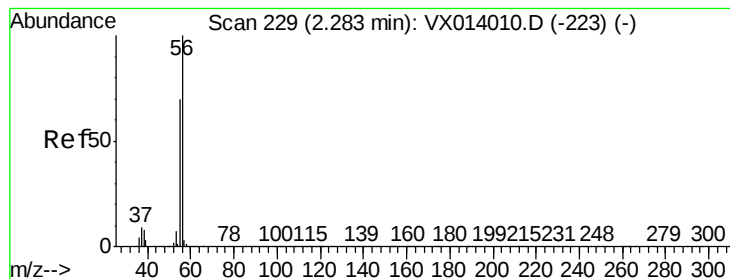


#12

1,1-Dichloroethene
Concen: 47.551 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 96 Resp: 212968
Ion Ratio Lower Upper
96 100
61 155.0 127.9 191.9
98 64.5 50.5 75.7





#13

Acrolein

Concen: 252.732 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

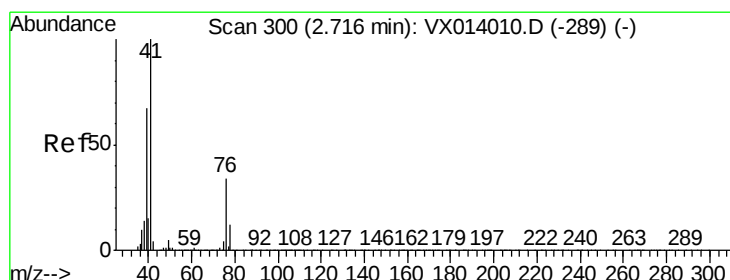
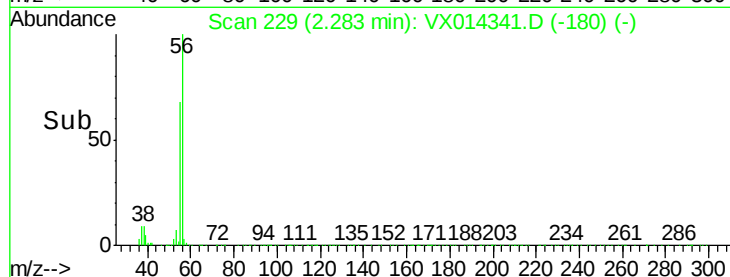
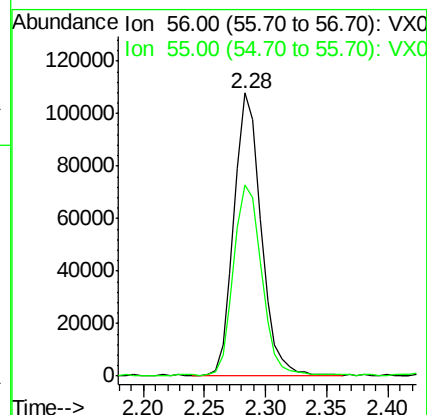
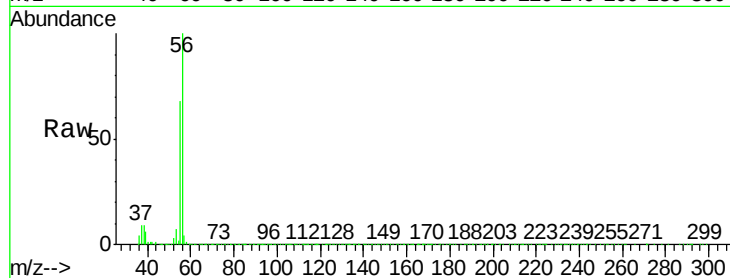
VSTDCCC050EC

Tgt Ion: 56 Resp: 164957

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 48.573 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

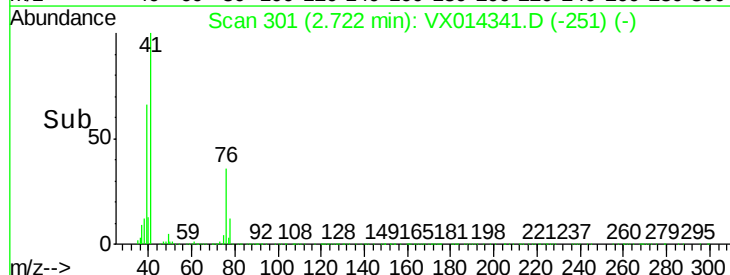
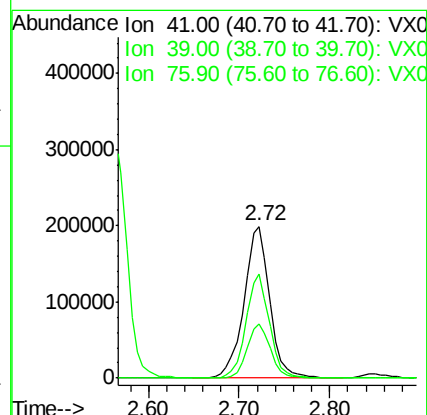
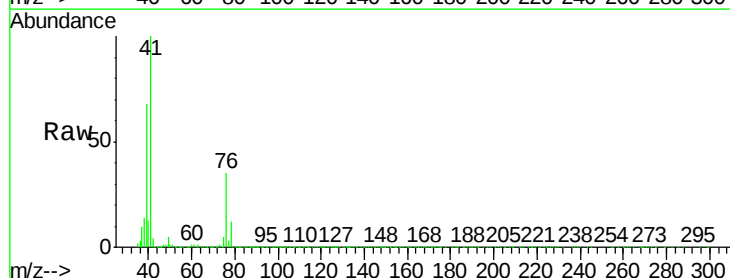
Tgt Ion: 41 Resp: 388420

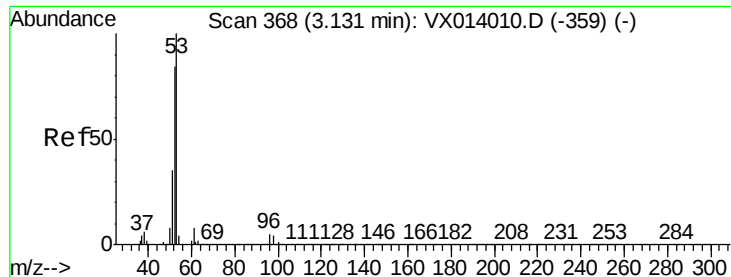
Ion Ratio Lower Upper

41 100

39 63.2 51.8 77.8

76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 263.144 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

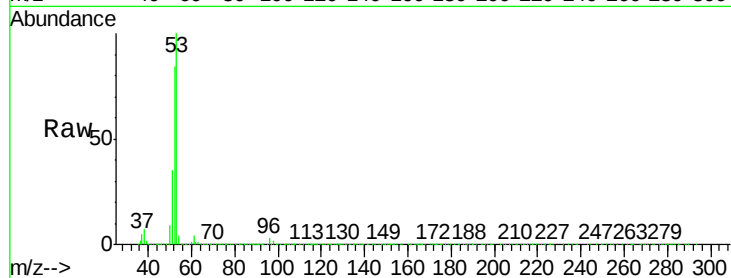
Tgt Ion: 53 Resp: 700315

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

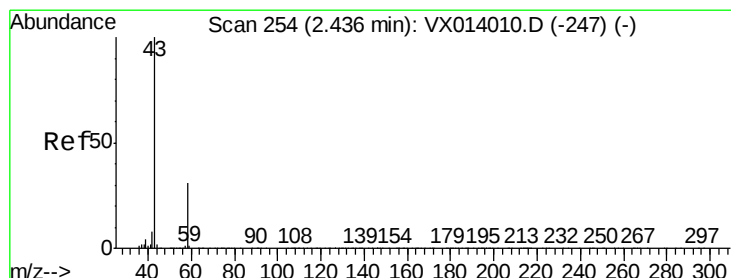
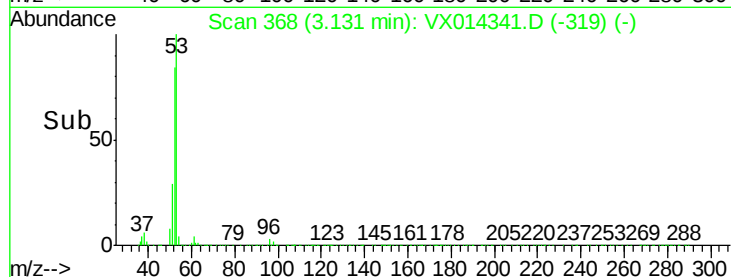
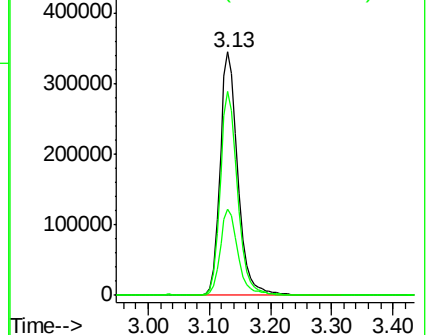
51 35.5 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 201.676 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014341.D

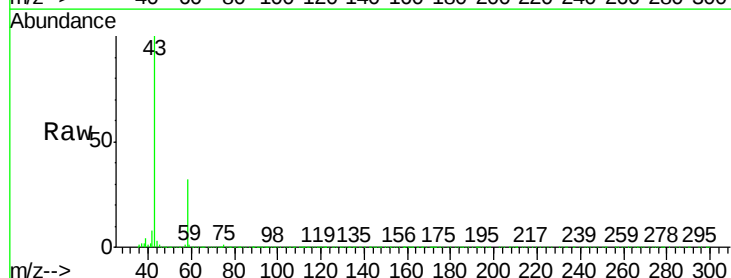
Acq: 28 Dec 2019 04:56

Tgt Ion: 43 Resp: 690908

Ion Ratio Lower Upper

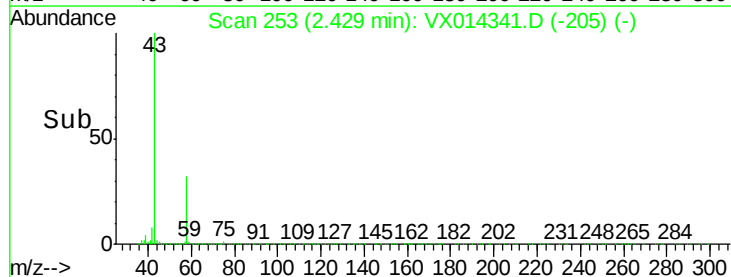
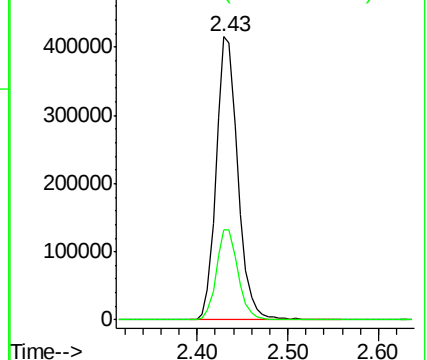
43 100

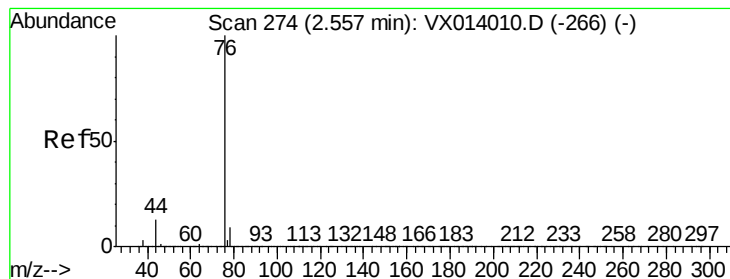
58 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.223 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

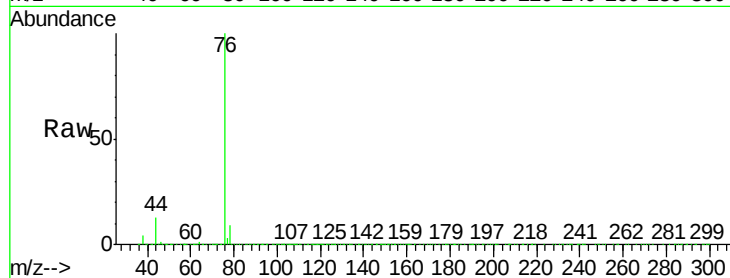
VSTDCCC050EC

Tgt Ion: 76 Resp: 523521

Ion Ratio Lower Upper

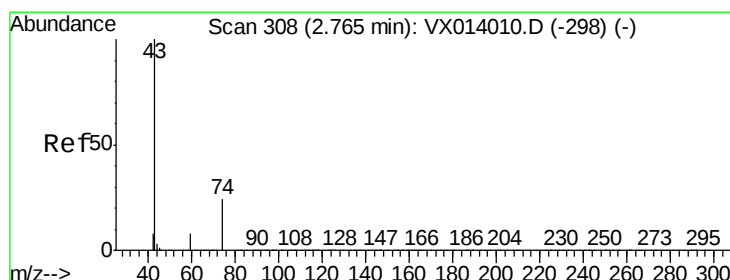
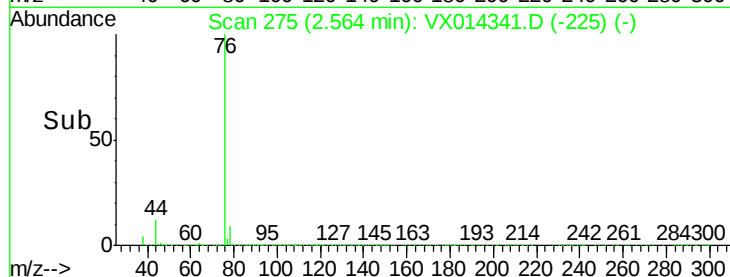
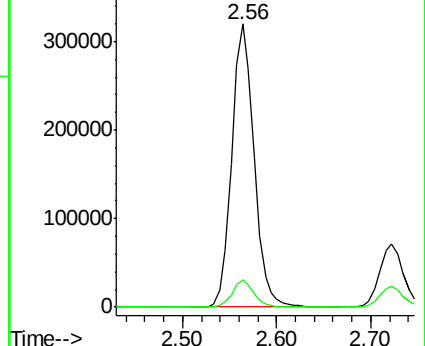
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.015 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014341.D

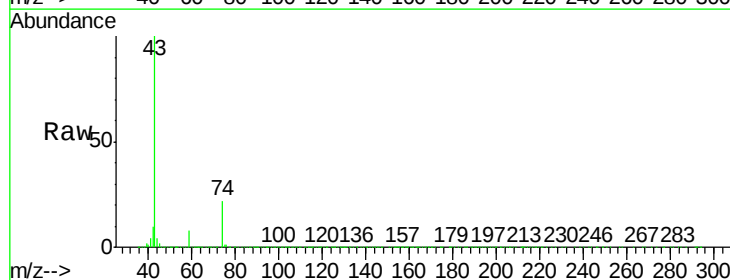
Acq: 28 Dec 2019 04:56

Tgt Ion: 43 Resp: 393829

Ion Ratio Lower Upper

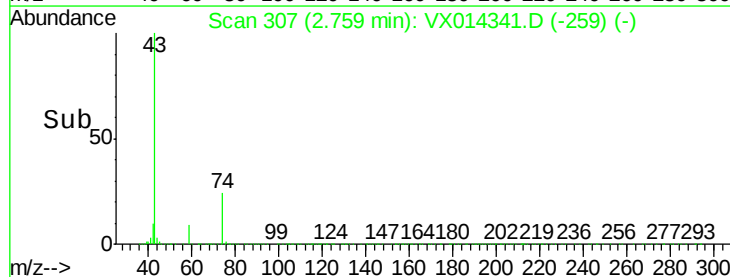
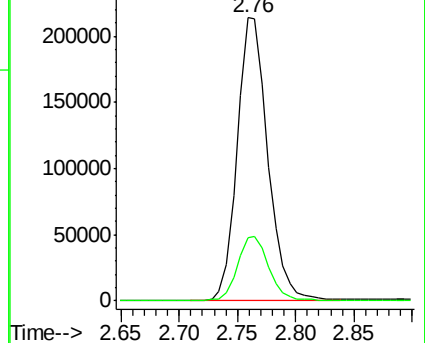
43 100

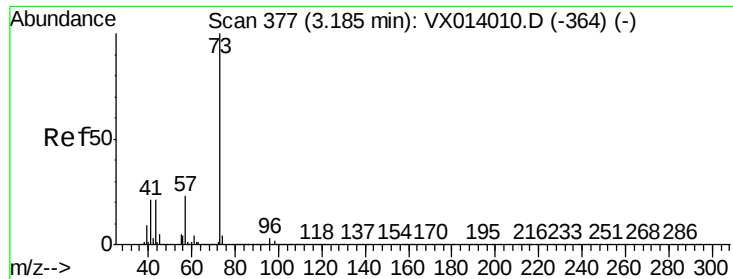
74 23.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

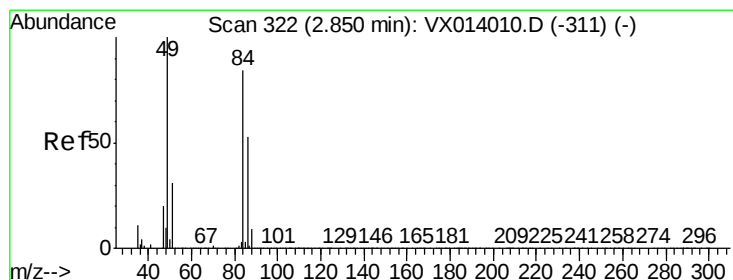
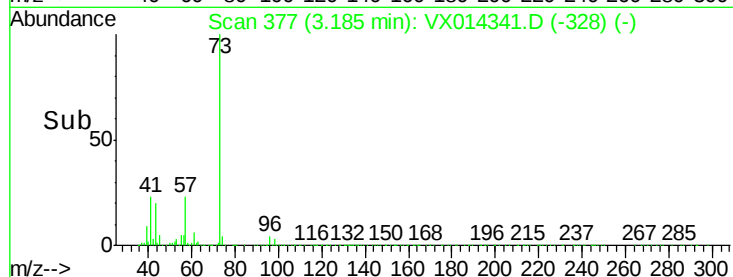
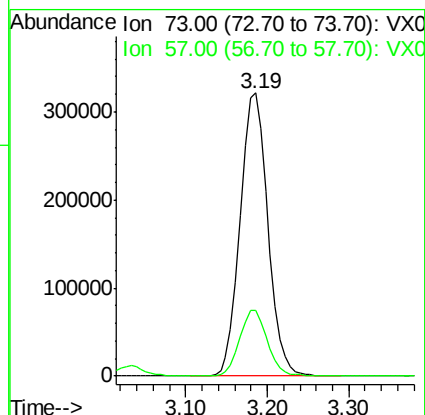
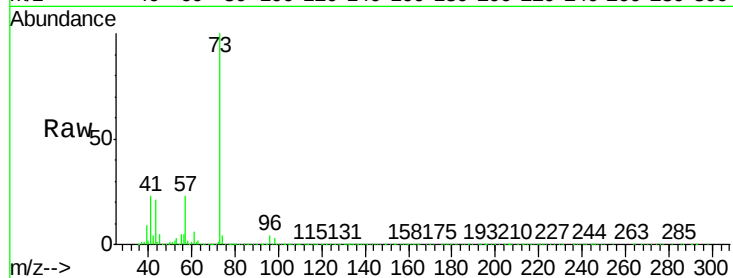




#19
Methyl tert-butyl Ether
Concen: 51.491 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

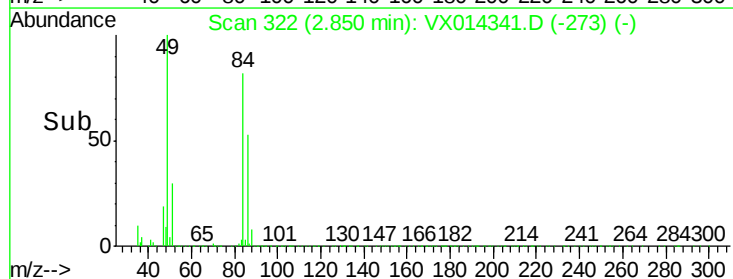
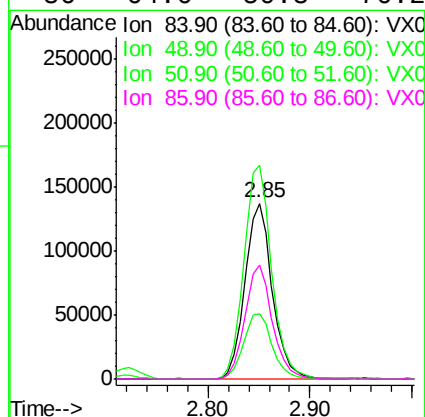
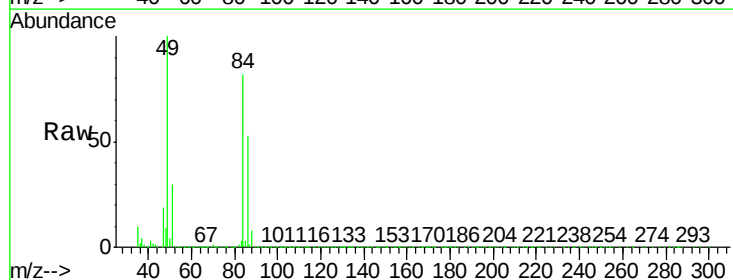
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 757813
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2



#20
Methylene Chloride
Concen: 47.463 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 84 Resp: 256050
Ion Ratio Lower Upper
84 100
49 121.5 95.8 143.6
51 36.7 29.8 44.8
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.933 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

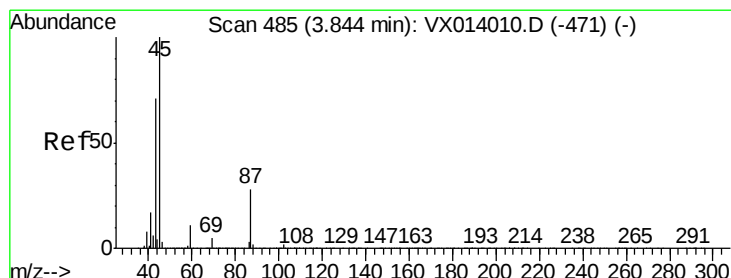
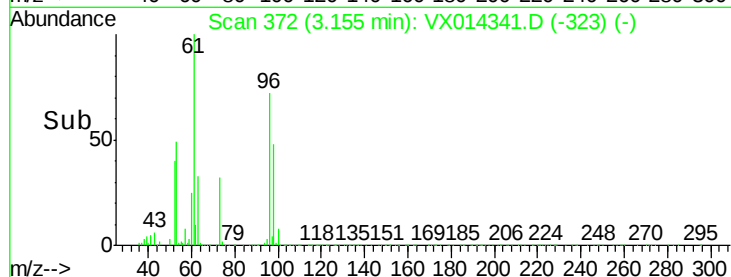
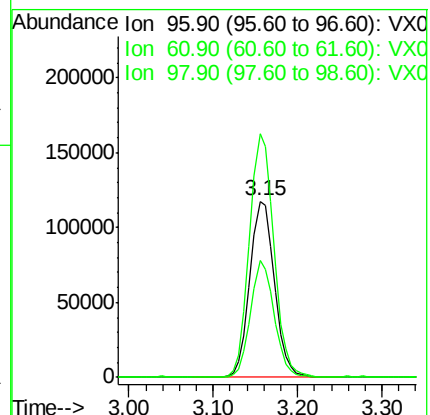
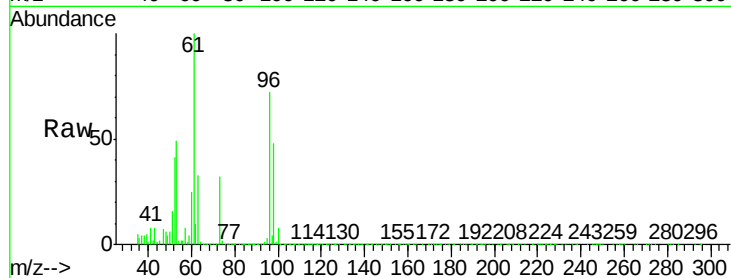
Tgt Ion: 96 Resp: 231575

Ion Ratio Lower Upper

96 100

61 138.1 108.3 162.5

98 66.6 50.8 76.2



#22

Diisopropyl ether

Concen: 52.351 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion: 45 Resp: 834224

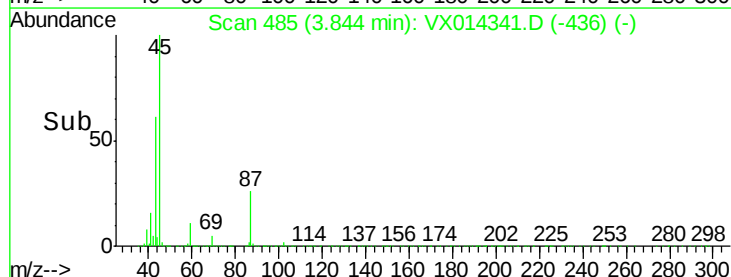
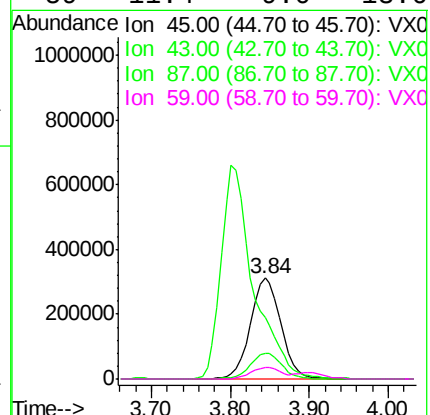
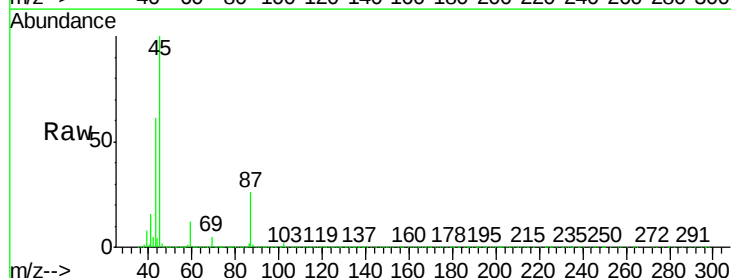
Ion Ratio Lower Upper

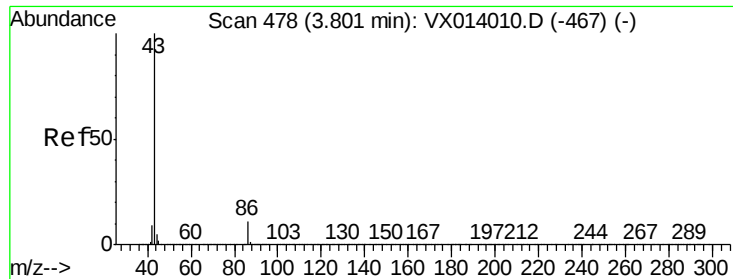
45 100

43 60.7 57.4 86.0

87 25.6 21.9 32.9

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 145.315 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

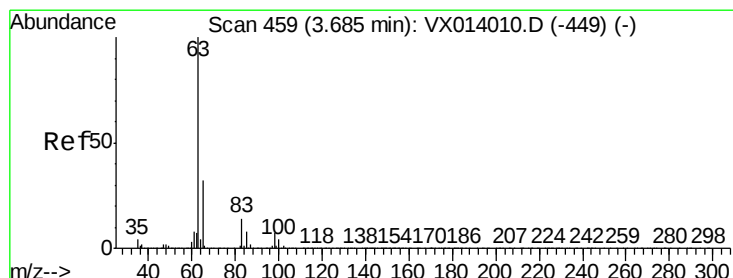
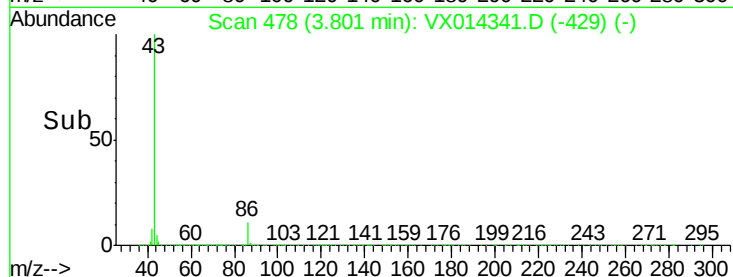
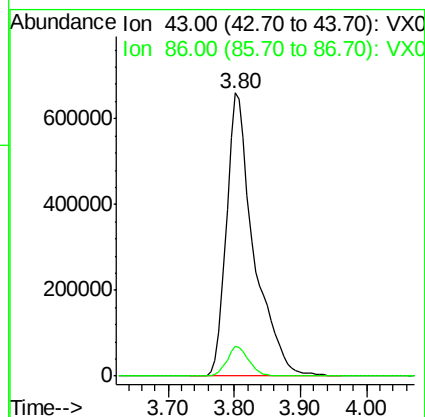
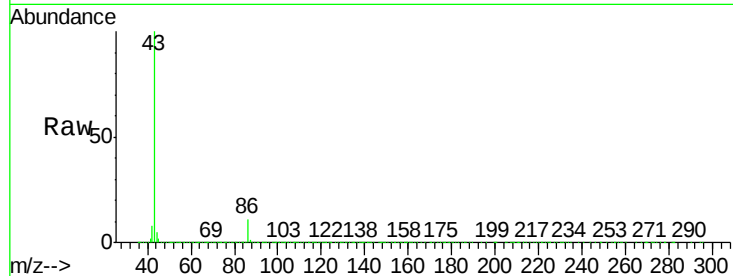
VSTDCCC050EC

Tgt Ion: 43 Resp: 1889700

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 50.149 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

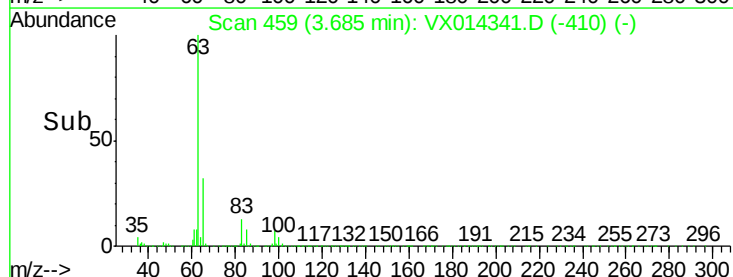
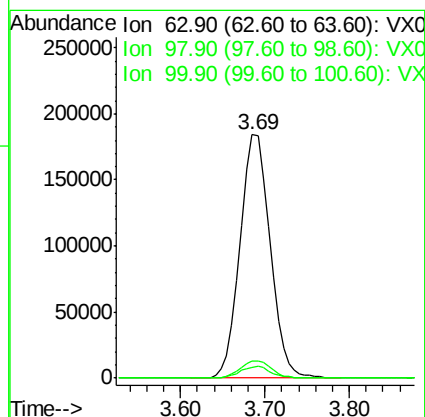
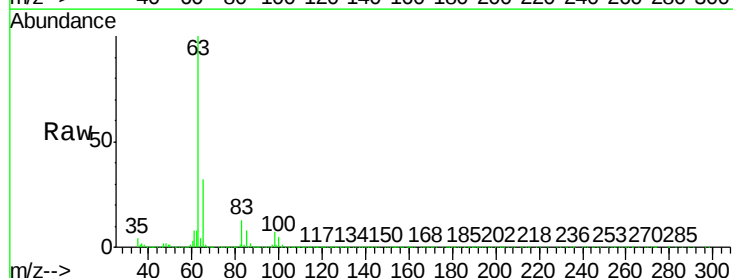
Tgt Ion: 63 Resp: 444608

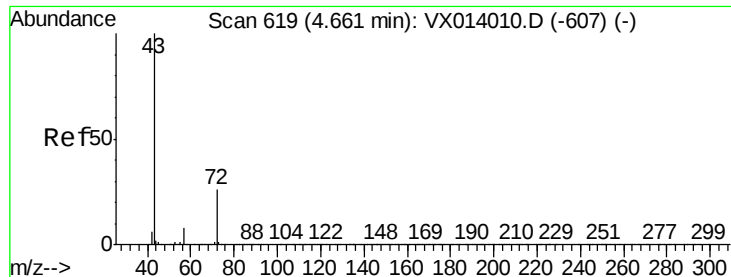
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 240.953 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

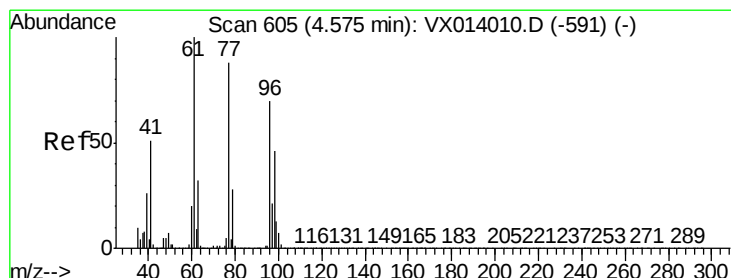
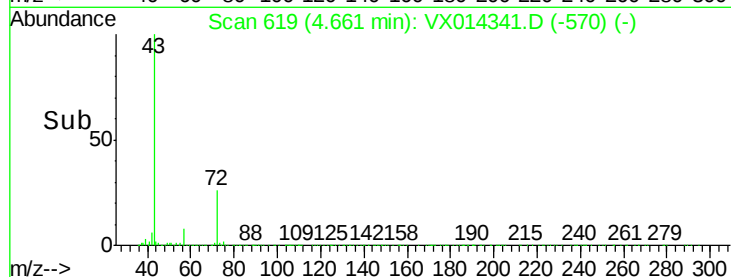
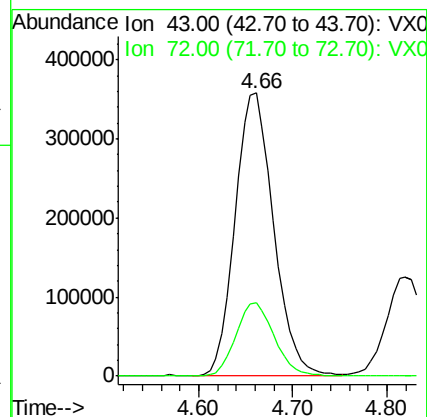
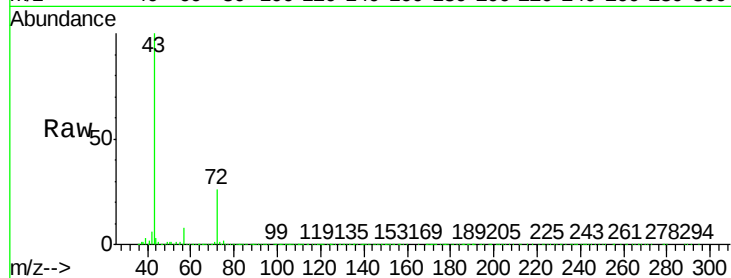
VSTDCCC050EC

Tgt Ion: 43 Resp: 1017702

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 36.642 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014341.D

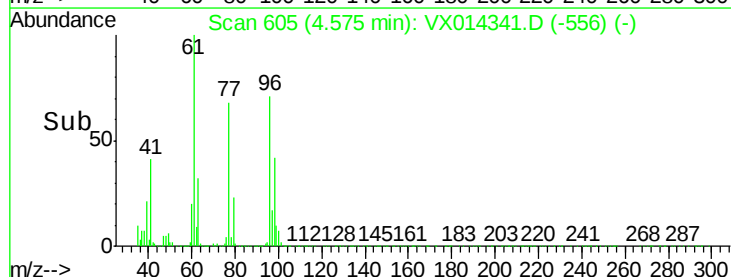
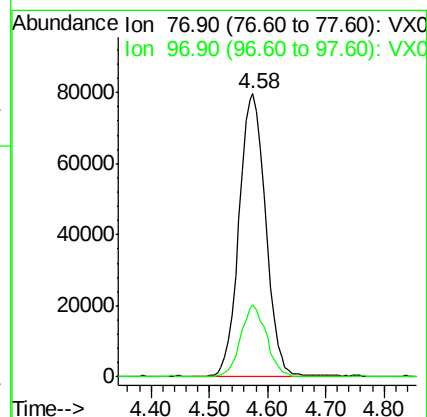
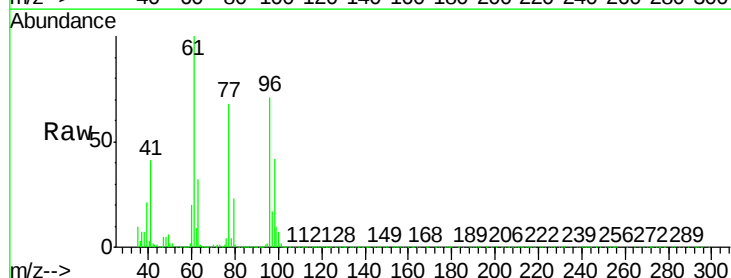
Acq: 28 Dec 2019 04:56

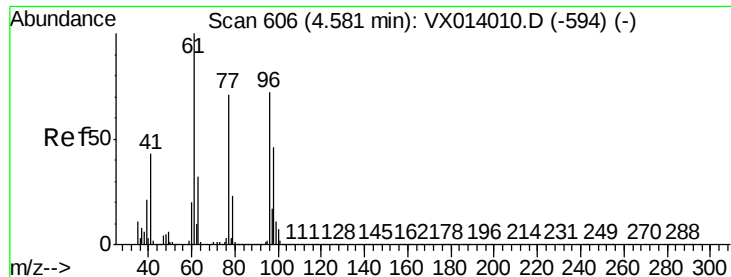
Tgt Ion: 77 Resp: 252226

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9



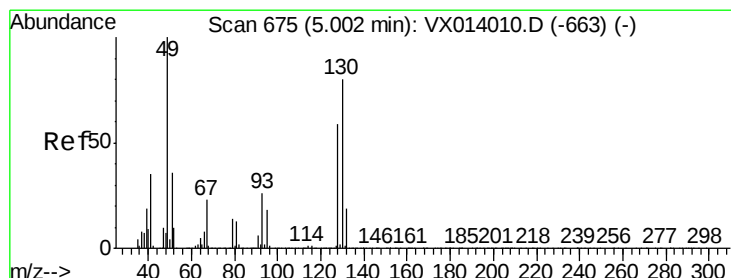
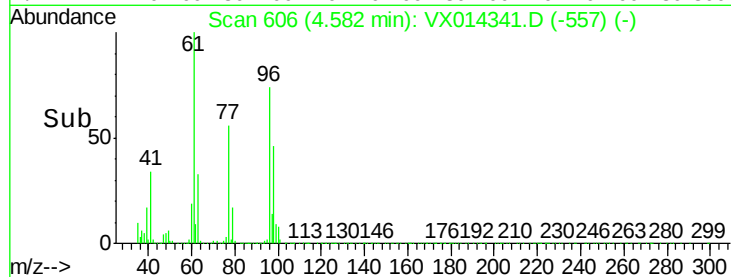
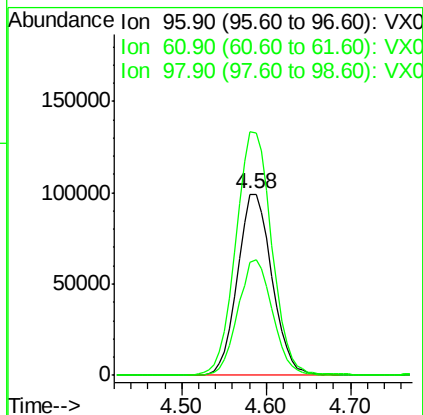
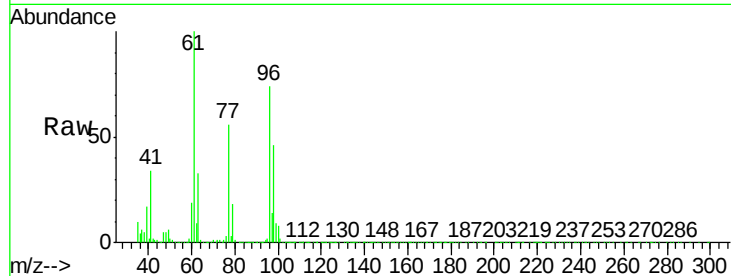


#27

cis-1,2-Dichloroethene
Concen: 49.099 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

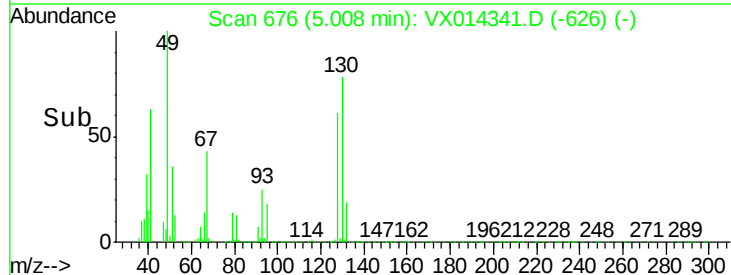
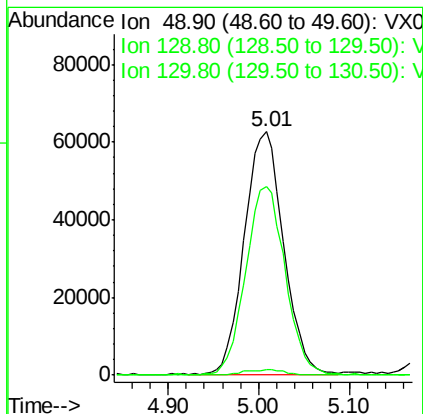
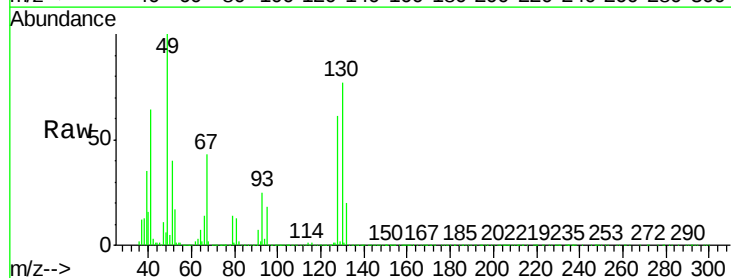
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	288.4
98	63.9	0.0	129.6

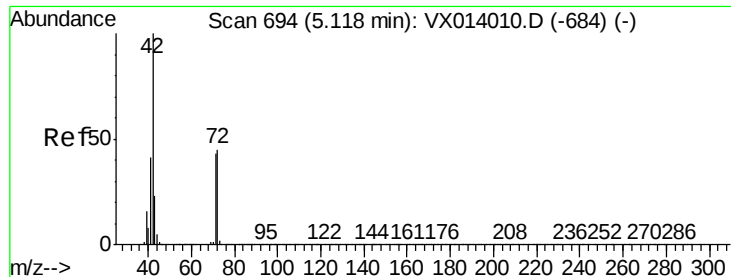


#28

Bromochloromethane
Concen: 54.780 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	77.9	64.6	97.0





#29

Tetrahydrofuran

Concen: 264.296 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

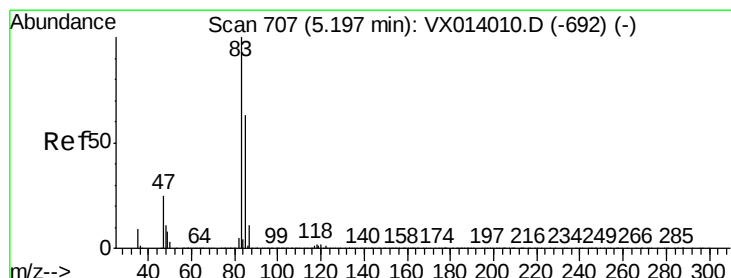
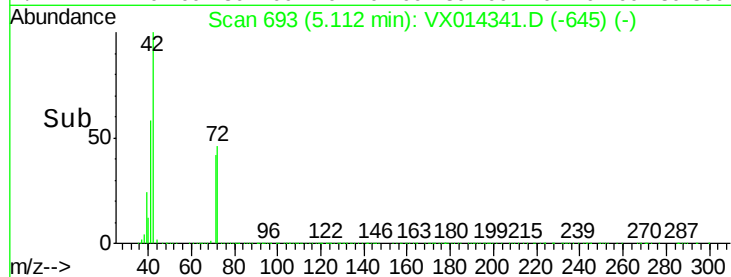
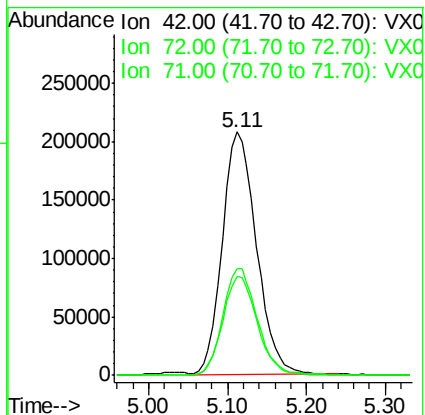
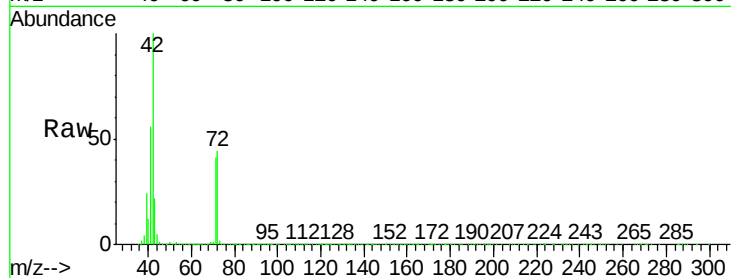
Tgt Ion: 42 Resp: 624371

Ion Ratio Lower Upper

42 100

72 44.7 35.8 53.8

71 41.2 33.6 50.4



#30

Chloroform

Concen: 51.156 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014341.D

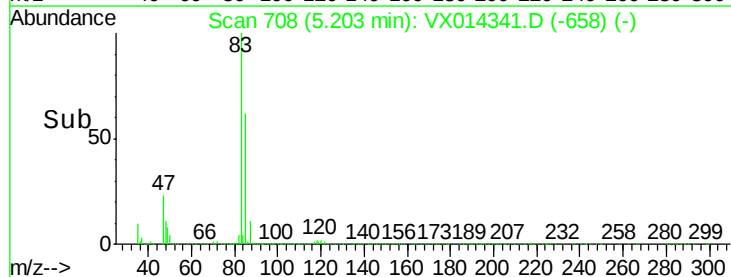
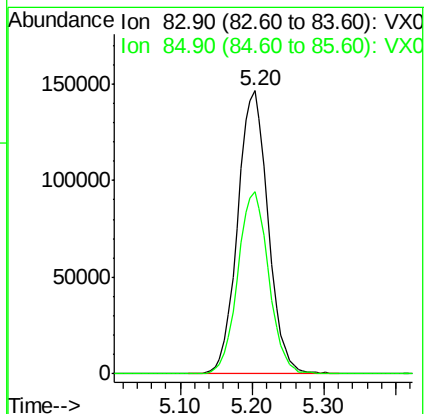
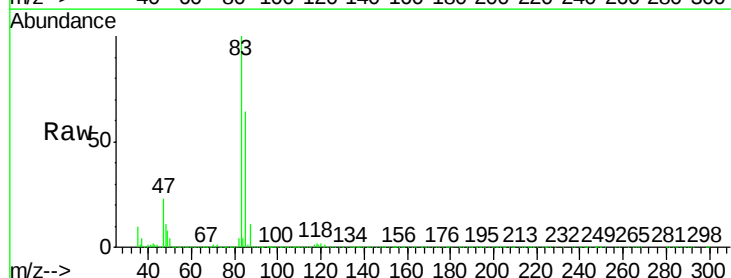
Acq: 28 Dec 2019 04:56

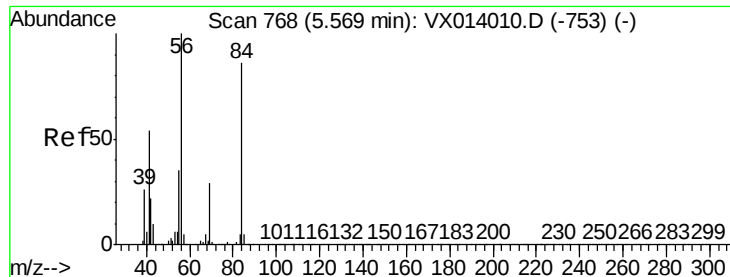
Tgt Ion: 83 Resp: 429946

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

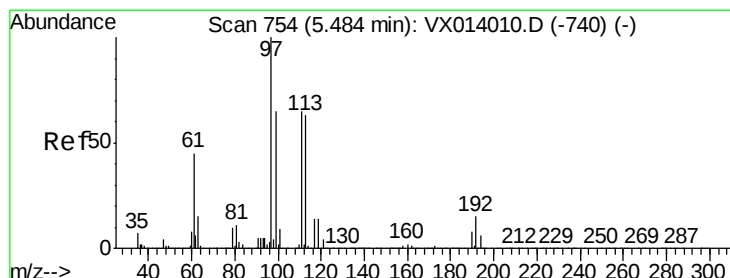
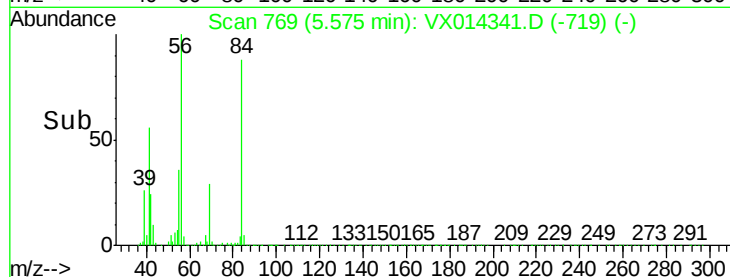
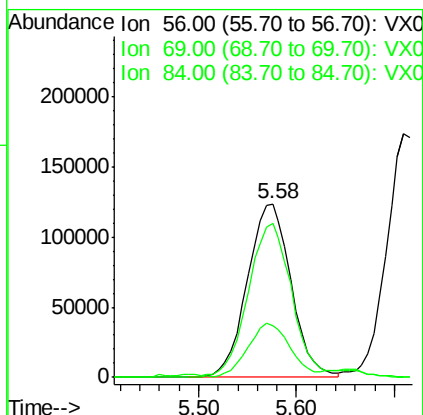
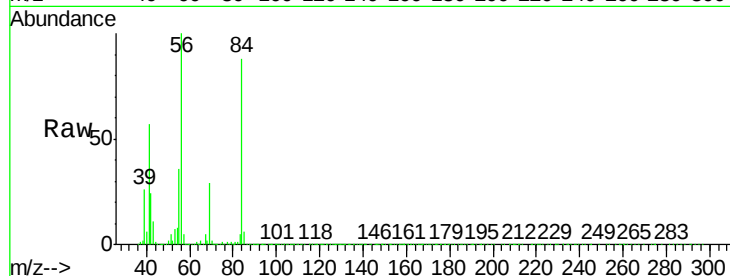




#31
Cyclohexane
Concen: 48.065 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

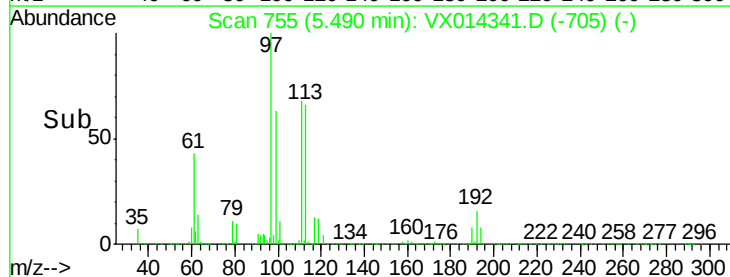
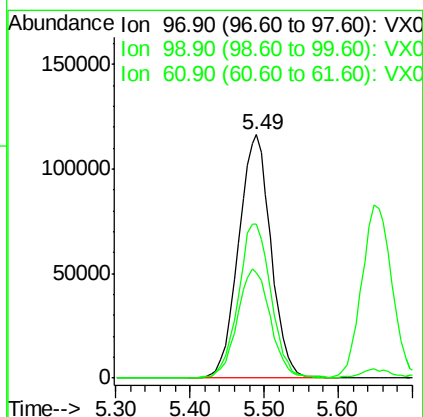
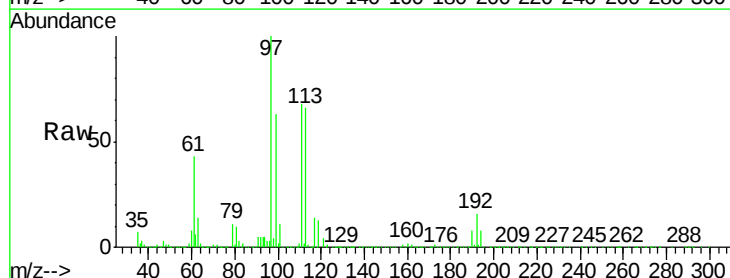
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 379006
Ion Ratio Lower Upper
56 100
69 29.5 23.2 34.8
84 87.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 49.478 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 97 Resp: 354409
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 45.6 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.018 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

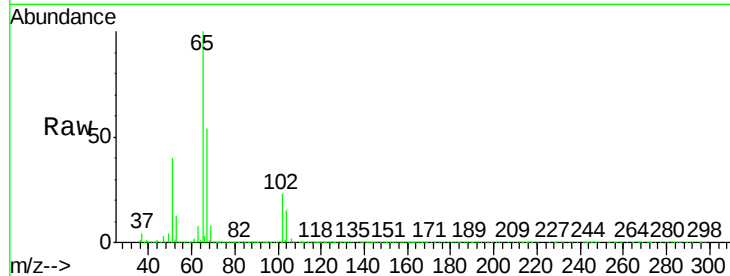
VSTDCCC050EC

Tgt Ion: 65 Resp: 269214

Ion Ratio Lower Upper

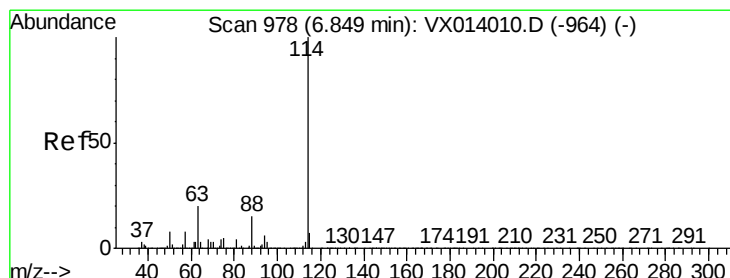
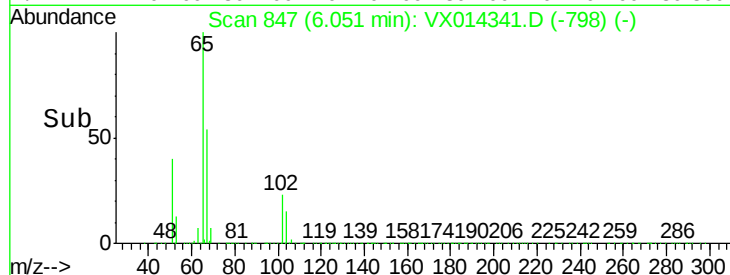
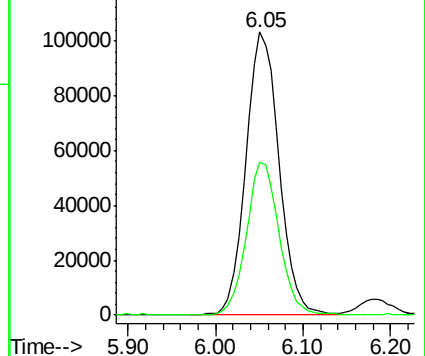
65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

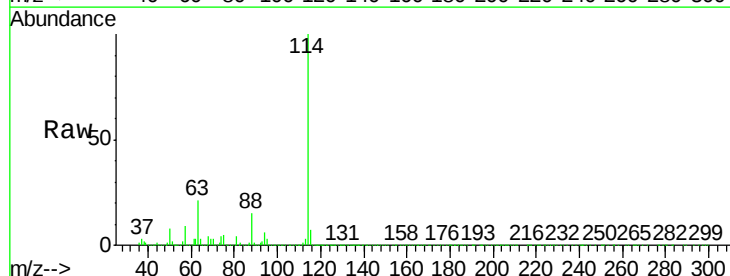
Tgt Ion: 114 Resp: 721016

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

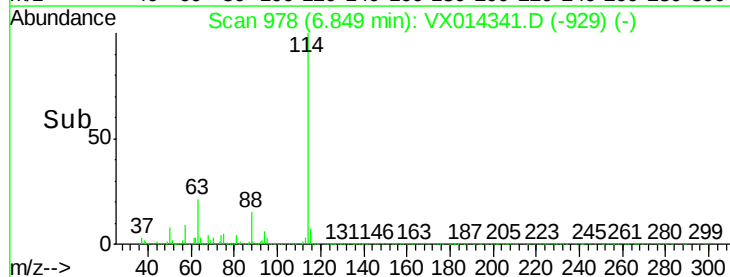
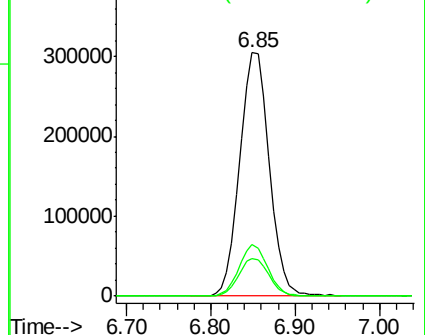
88 15.4 0.0 30.4

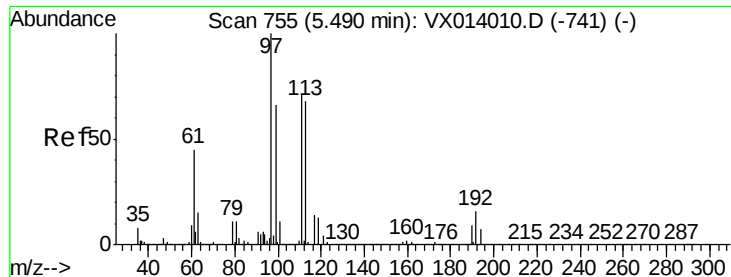


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

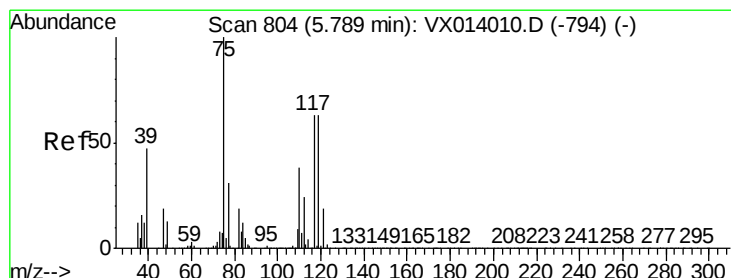
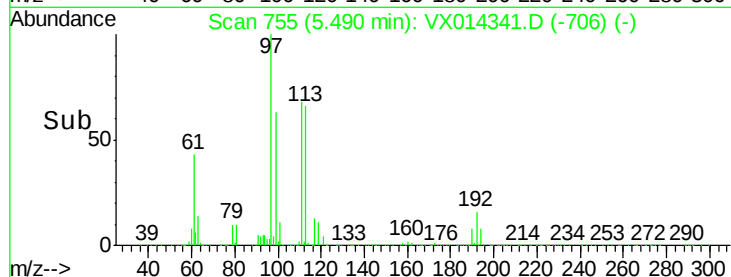
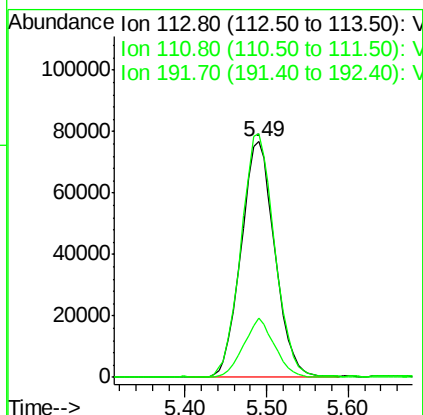
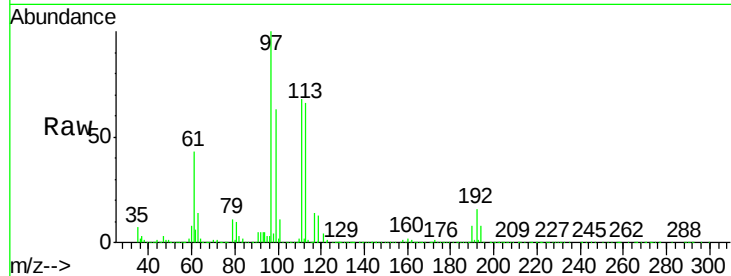




#35
Dibromofluoromethane
Concen: 50.398 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

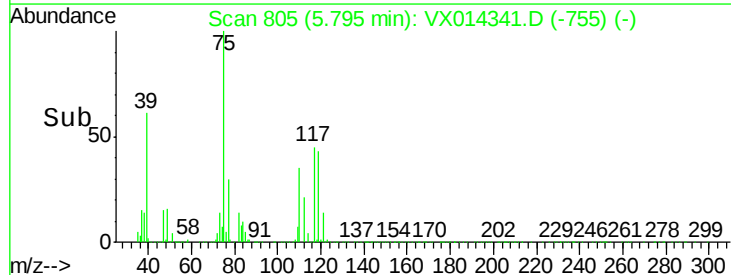
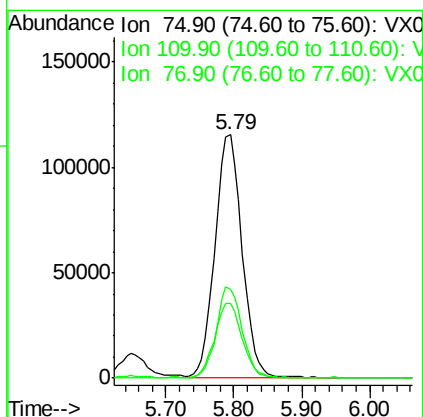
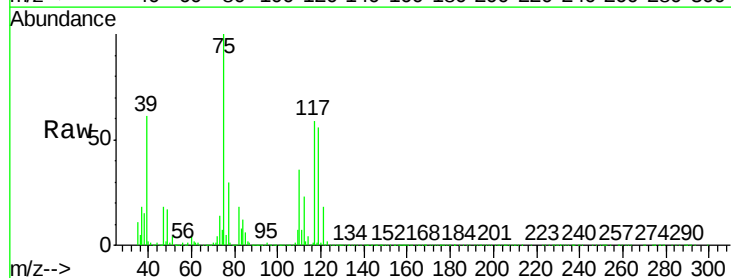
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

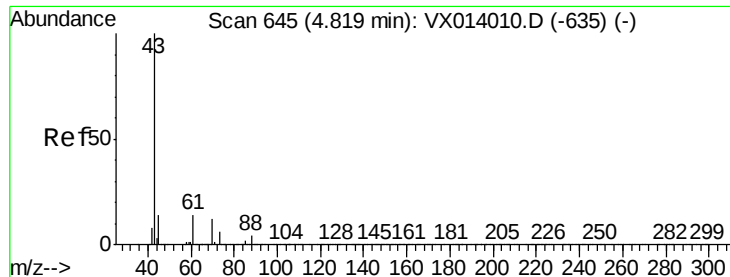
Tgt Ion: 113 Resp: 220892
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 23.0 19.3 28.9



#36
1,1-Dichloropropene
Concen: 48.081 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 75 Resp: 318090
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.9
77 30.4 24.8 37.2

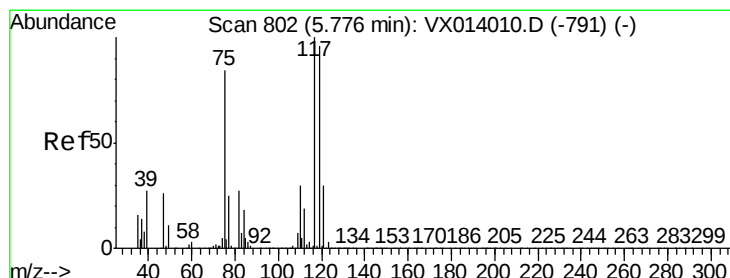
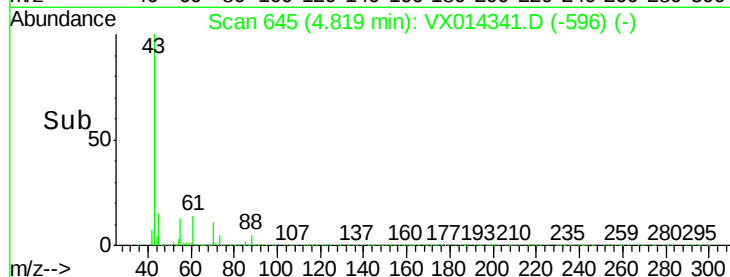
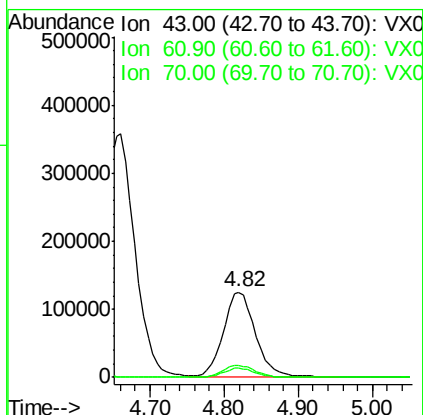
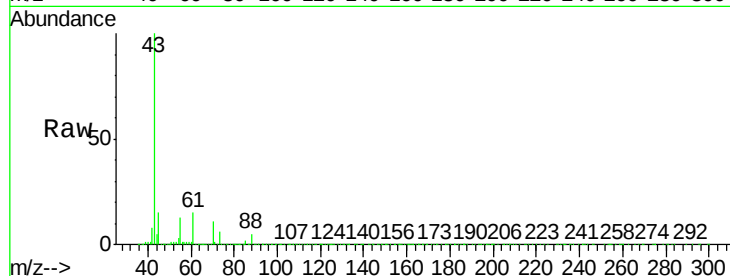




#37
Ethyl Acetate
Concen: 50.965 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

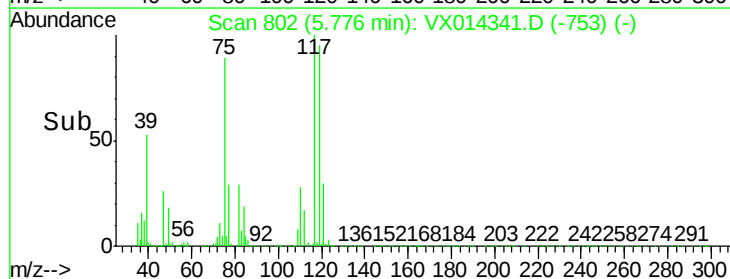
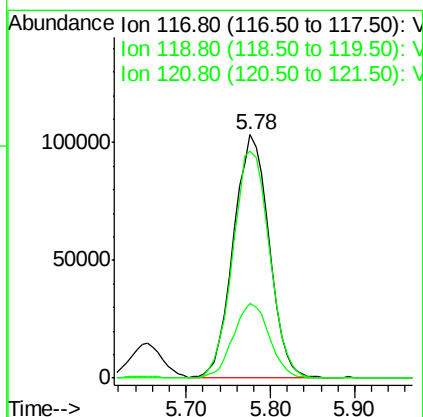
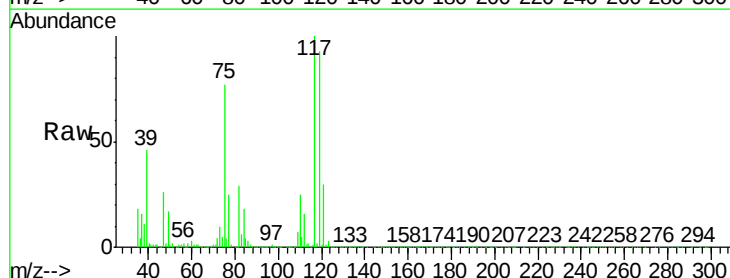
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

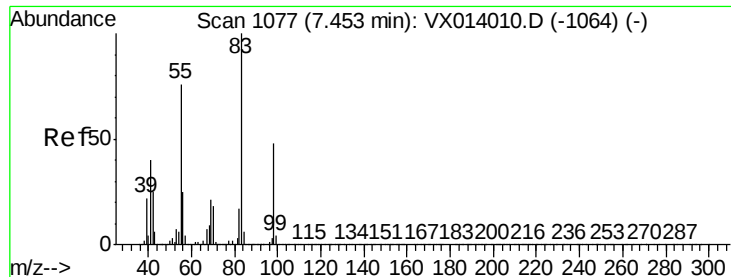
Tgt Ion:	43	Resp:	372331
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	10.6	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.060 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion:	117	Resp:	295676
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.4
121	30.4	23.6	35.4

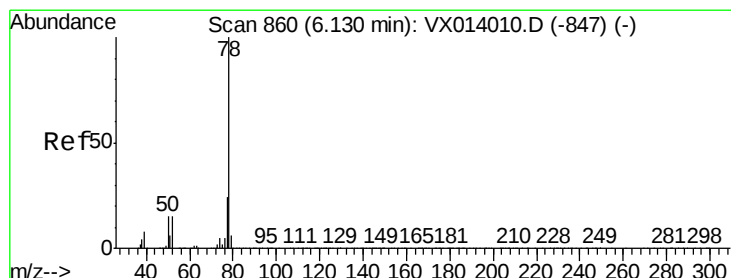
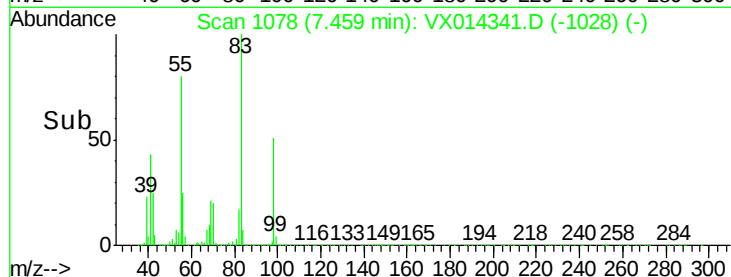
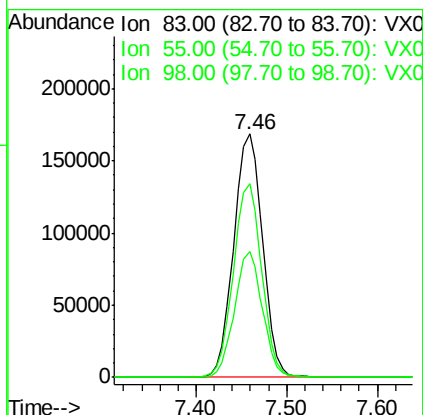
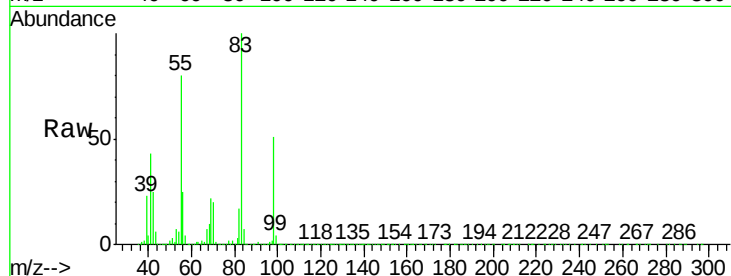




#39
Methylcyclohexane
Concen: 45.682 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

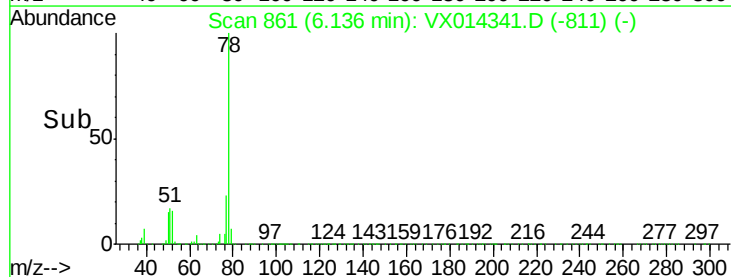
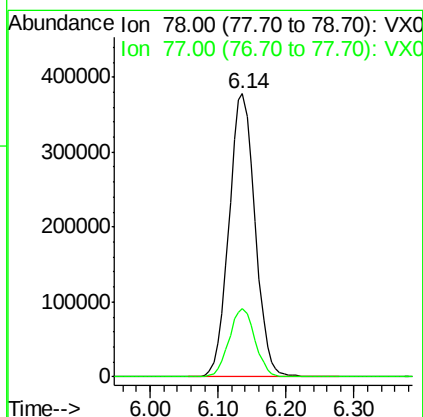
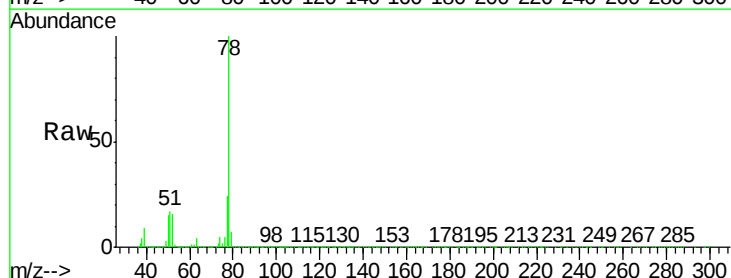
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 373170
Ion Ratio Lower Upper
83 100
55 79.6 61.0 91.6
98 51.5 38.6 57.8



#40
Benzene
Concen: 49.315 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 78 Resp: 1003850
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 52.473 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 212700

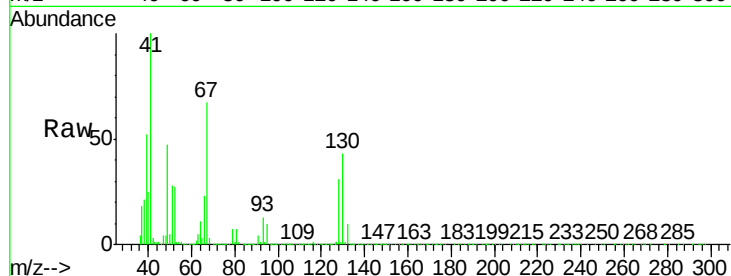
Ion Ratio Lower Upper

41 100

39 52.8 44.5 66.7

67 69.5 57.4 86.0

52 28.2 23.0 34.4

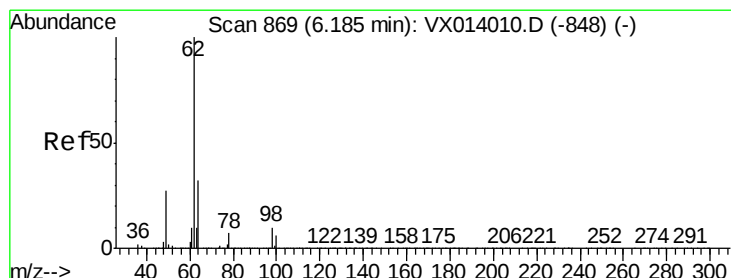
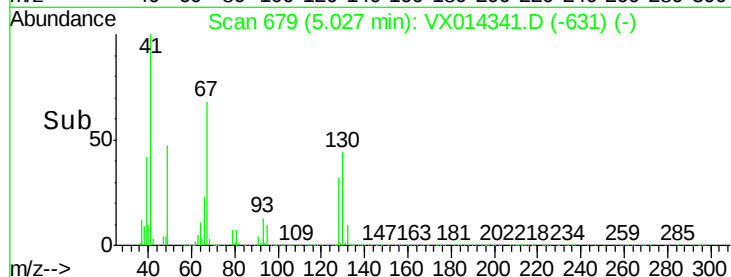
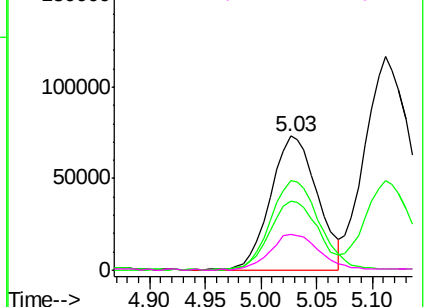


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.963 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014341.D

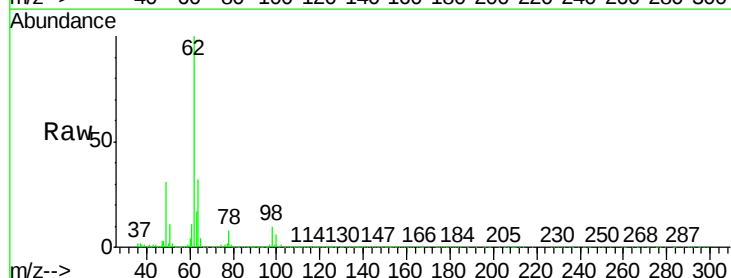
Acq: 28 Dec 2019 04:56

Tgt Ion: 62 Resp: 344751

Ion Ratio Lower Upper

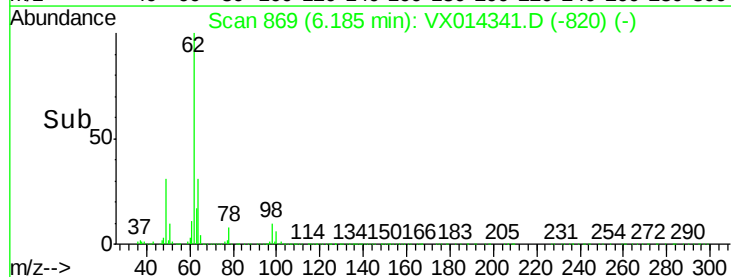
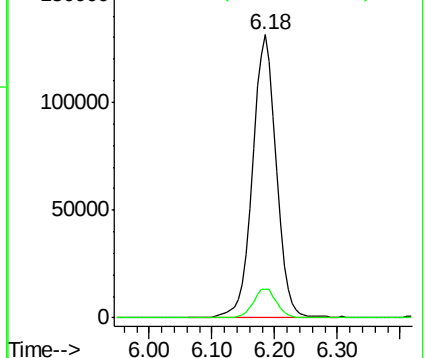
62 100

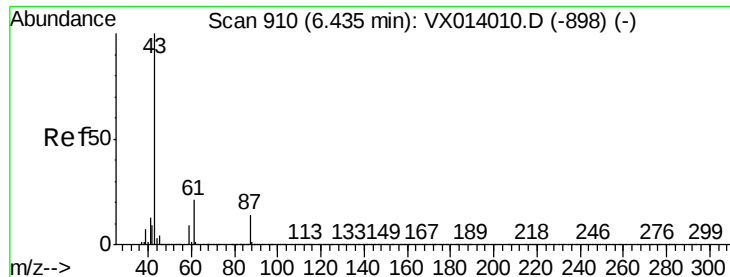
98 9.9 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.230 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

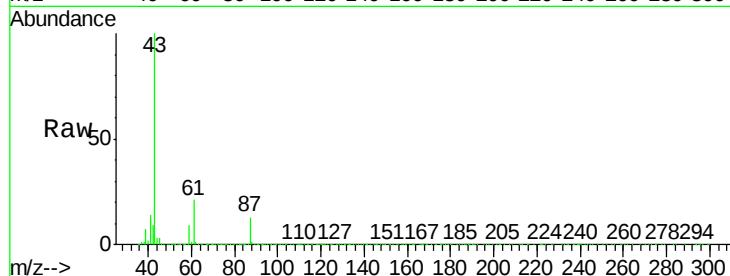
Tgt Ion: 43 Resp: 619389

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

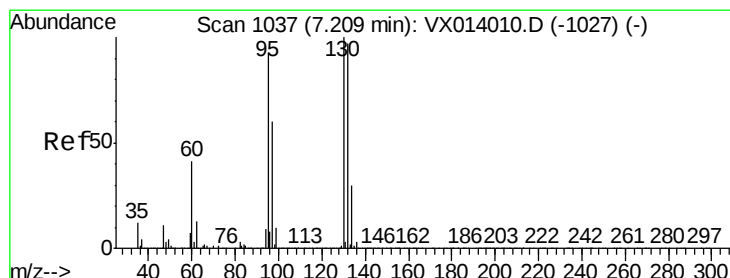
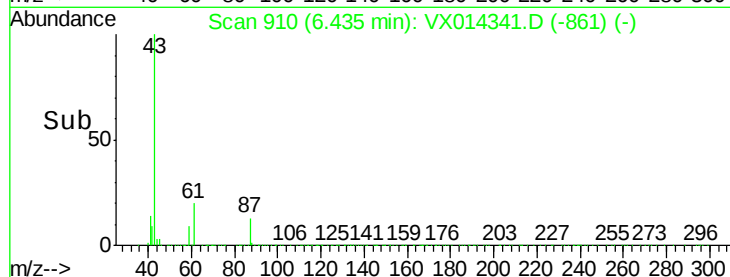
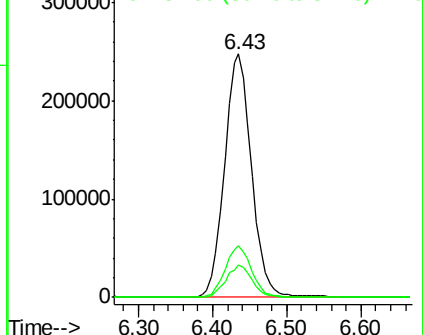
87 12.9 10.7 16.1



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: 52.663 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014341.D

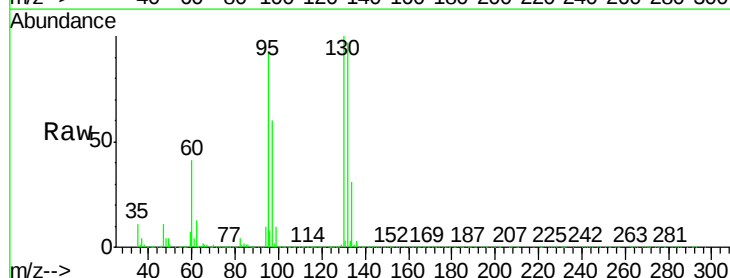
Acq: 28 Dec 2019 04:56

Tgt Ion: 130 Resp: 296093

Ion Ratio Lower Upper

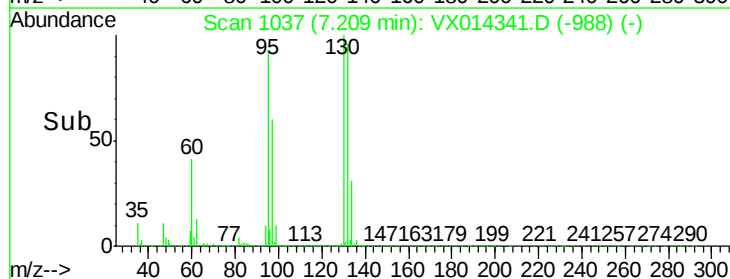
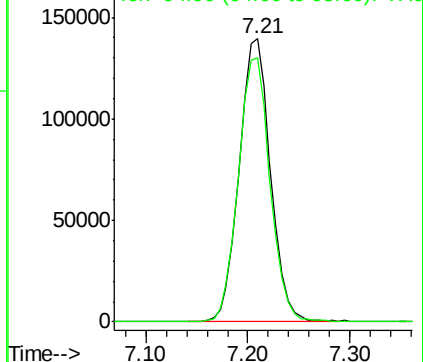
130 100

95 93.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

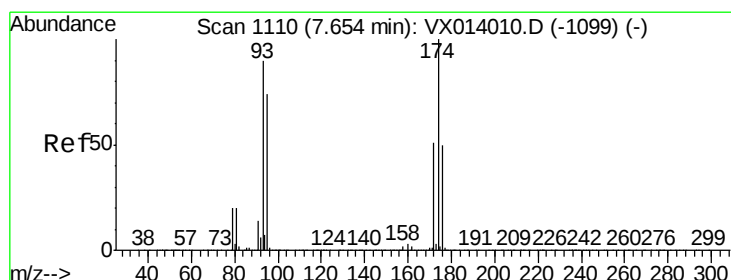
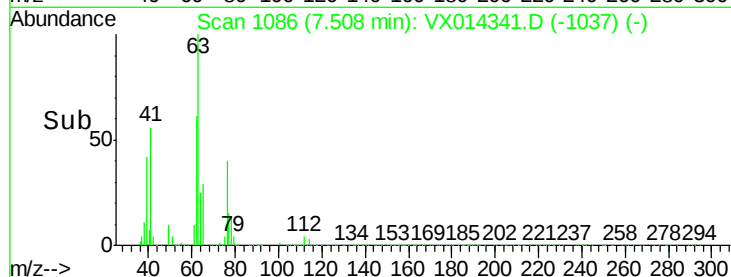
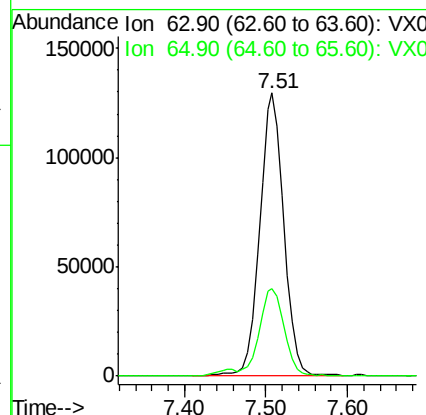
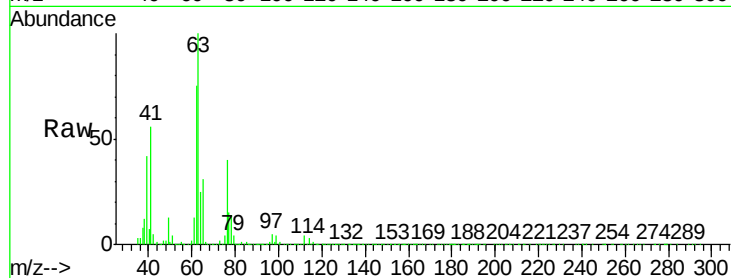




#45
 1,2-Dichloropropane
 Concen: 51.541 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

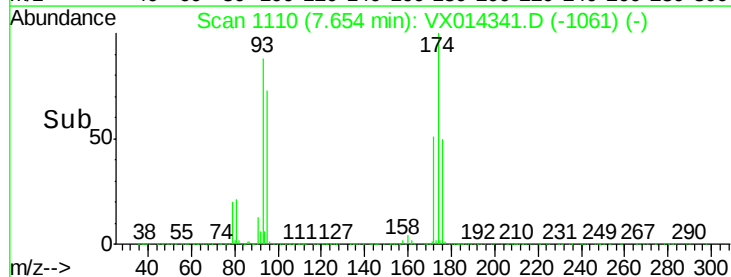
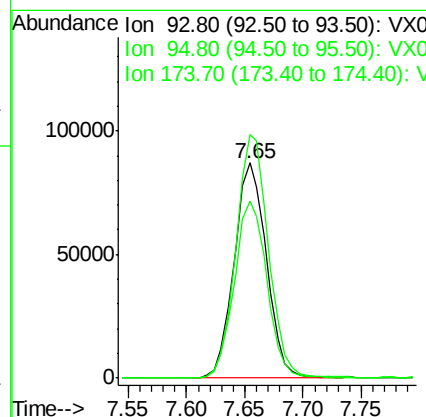
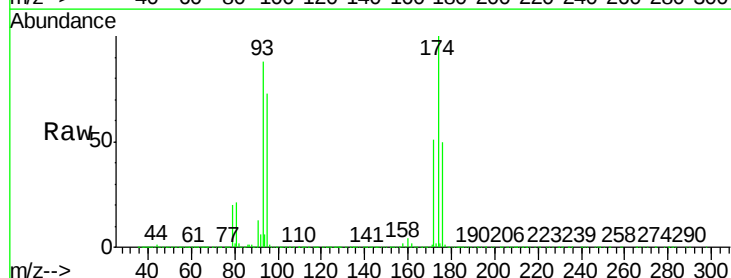
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

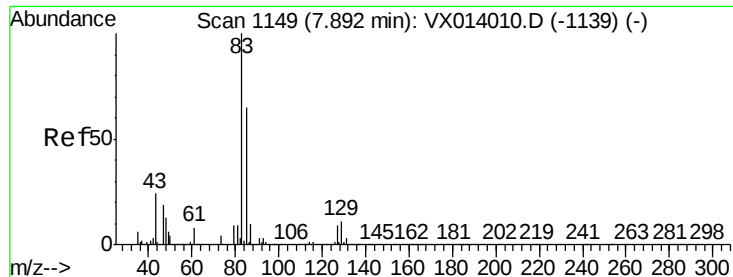
Tgt Ion: 63 Resp: 268910
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8



#46
 Dibromomethane
 Concen: 48.454 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion: 93 Resp: 167141
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.3 100.9
 174 113.9 91.6 137.4





#47

Bromodichloromethane

Concen: 51.775 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

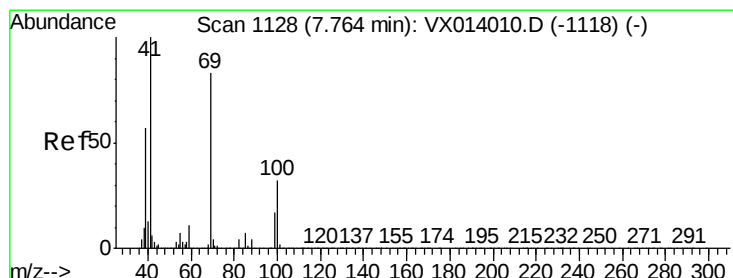
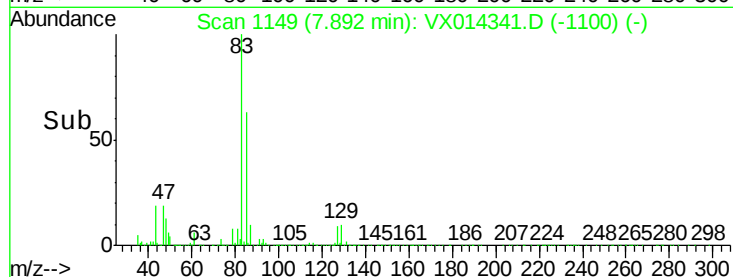
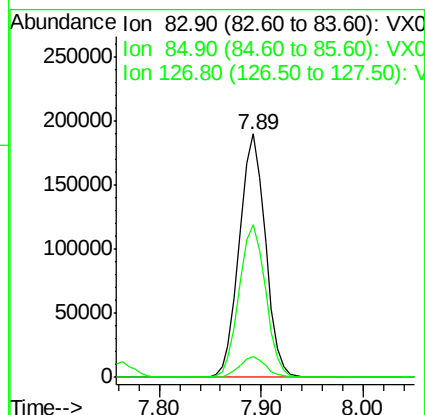
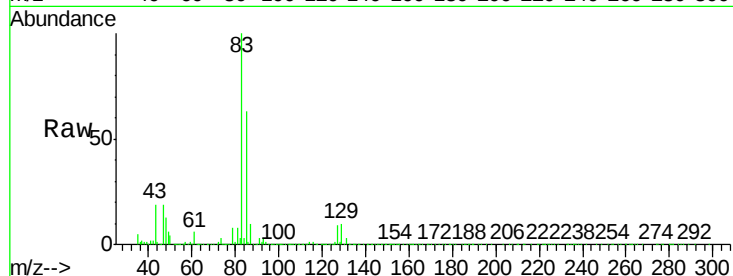
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	336362
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.8	77.8
127	8.8	7.0	10.4



#48

Methyl methacrylate

Concen: 50.669 ug/l

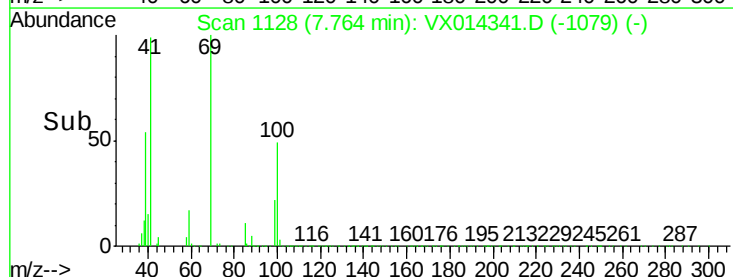
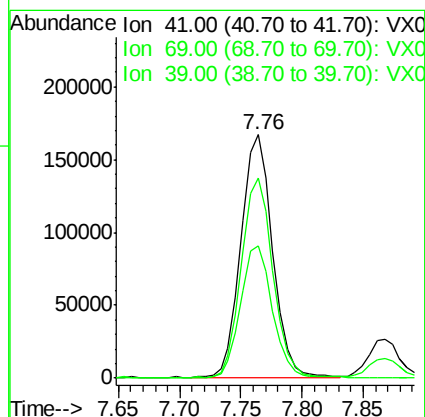
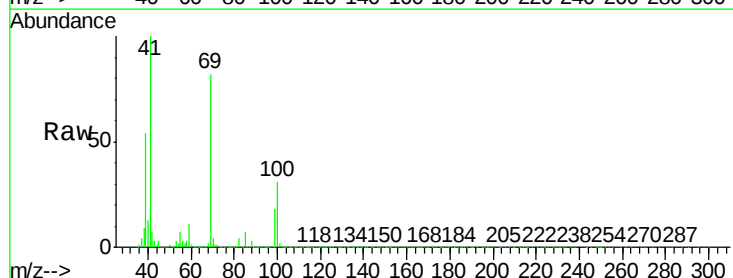
RT: 7.76 min Scan# 1128

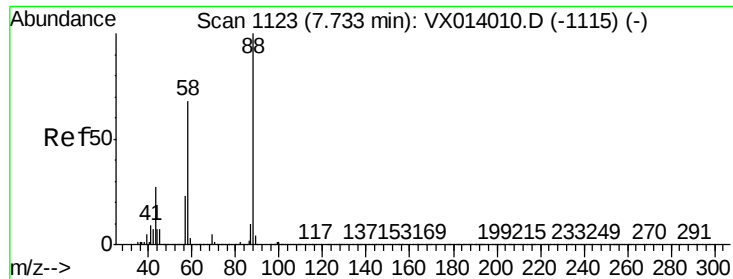
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	41	Resp:	299978
Ion	Ratio	Lower	Upper
41	100		
69	82.4	65.8	98.6
39	54.7	44.6	67.0





#49

1,4-Dioxane

Concen: 911.953 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

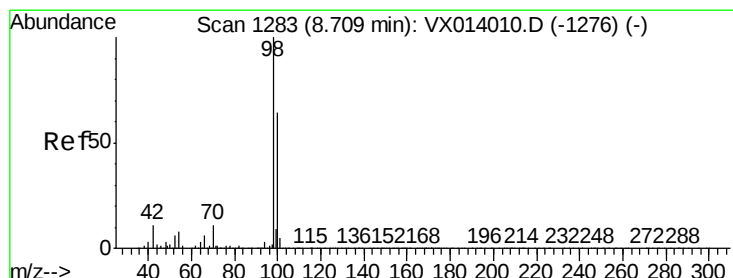
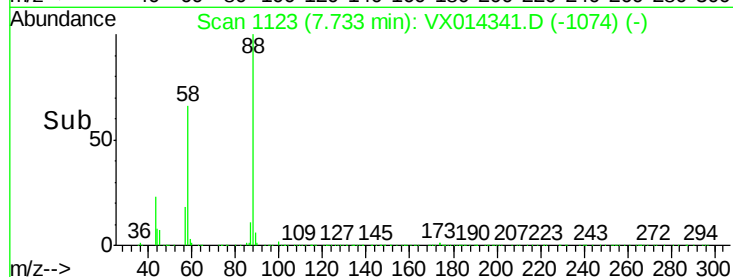
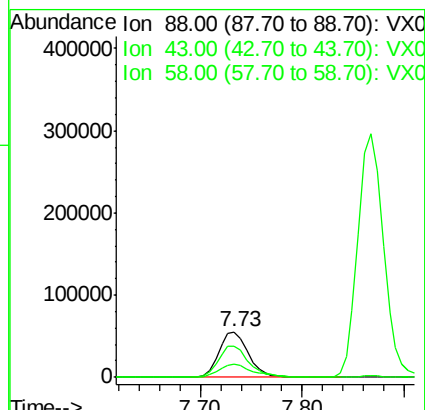
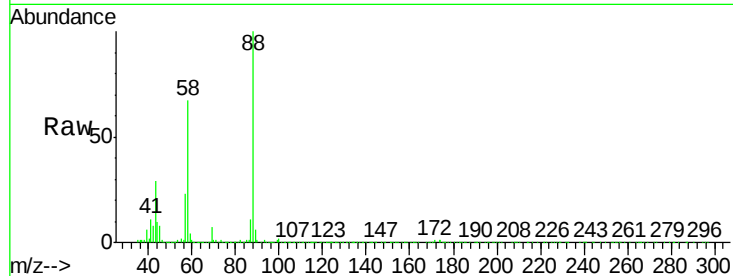
Tgt Ion: 88 Resp: 109873

Ion Ratio Lower Upper

88 100

43 33.0 26.5 39.7

58 70.6 56.8 85.2



#50

Toluene-d8

Concen: 50.625 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014341.D

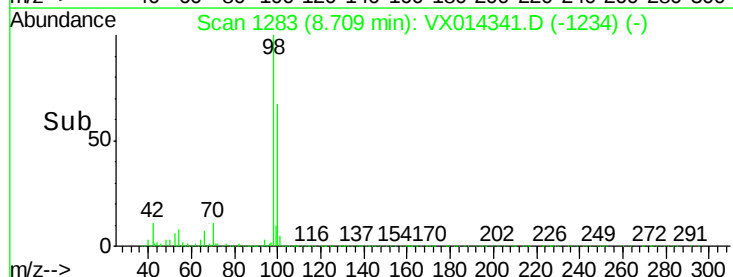
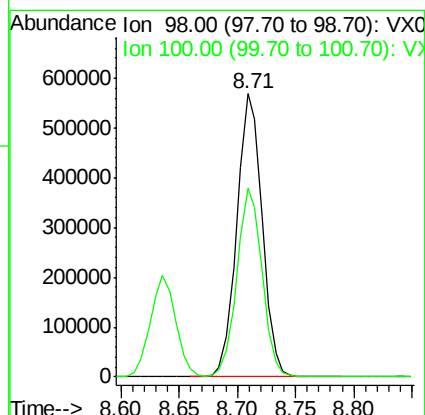
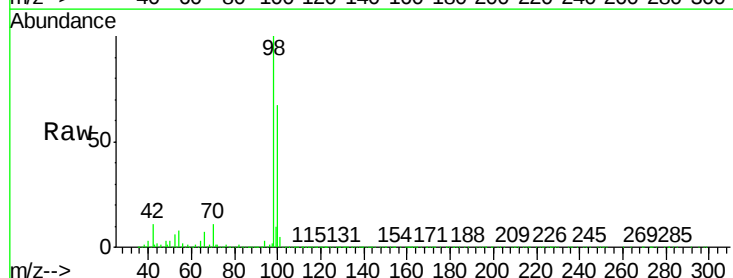
Acq: 28 Dec 2019 04:56

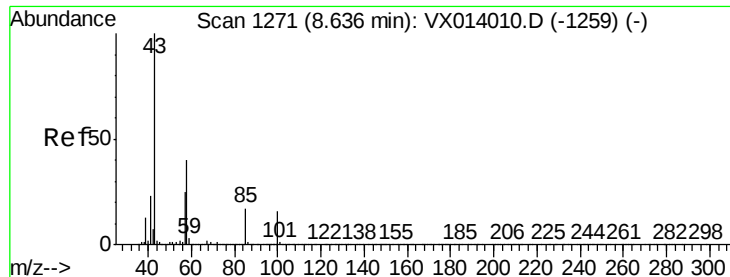
Tgt Ion: 98 Resp: 863872

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 256.717 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

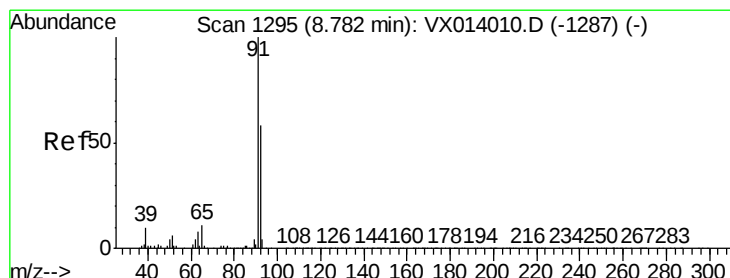
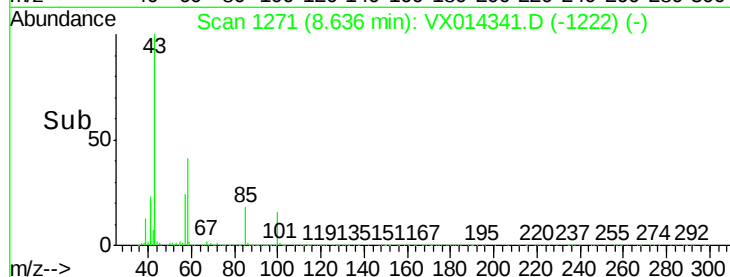
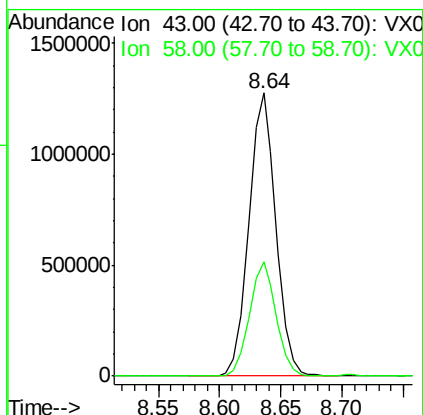
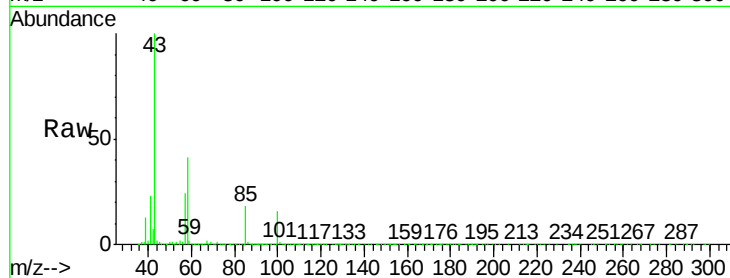
VSTDCCC050EC

Tgt Ion: 43 Resp: 1949261

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



#52

Toluene

Concen: 48.601 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014341.D

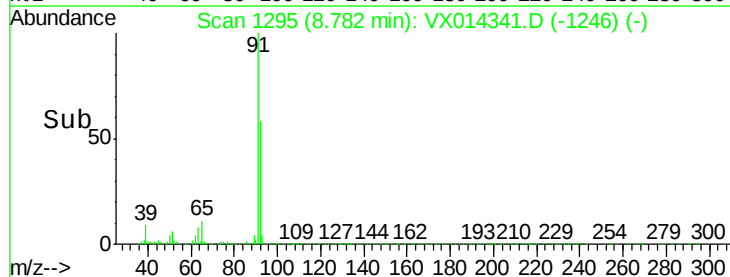
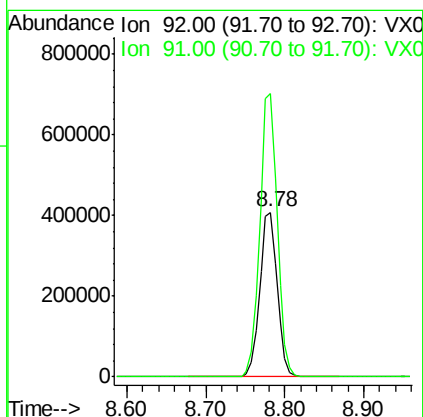
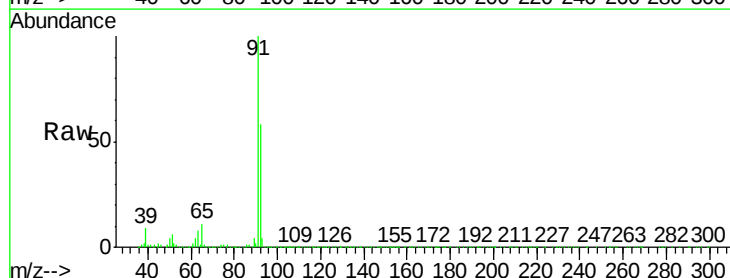
Acq: 28 Dec 2019 04:56

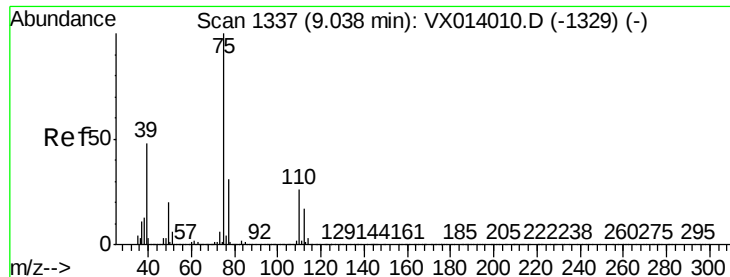
Tgt Ion: 92 Resp: 625315

Ion Ratio Lower Upper

92 100

91 172.6 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 49.521 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

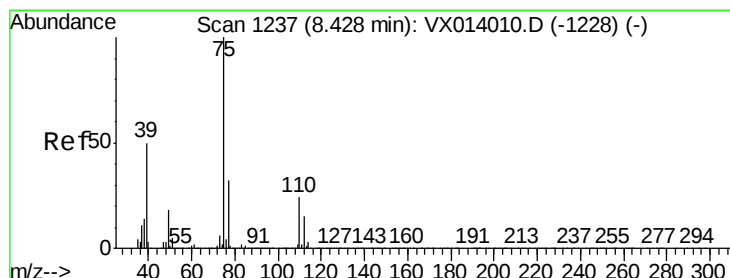
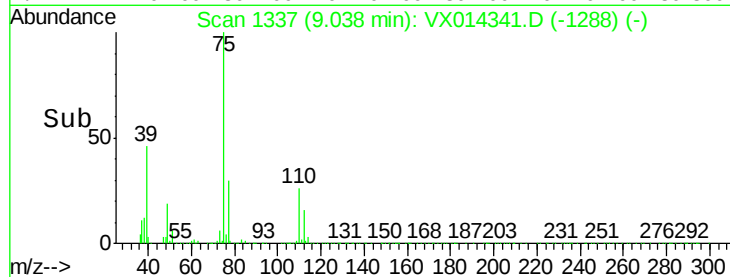
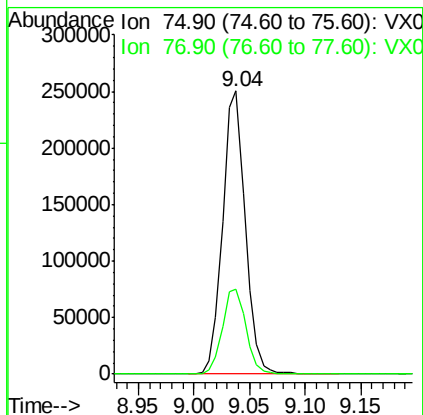
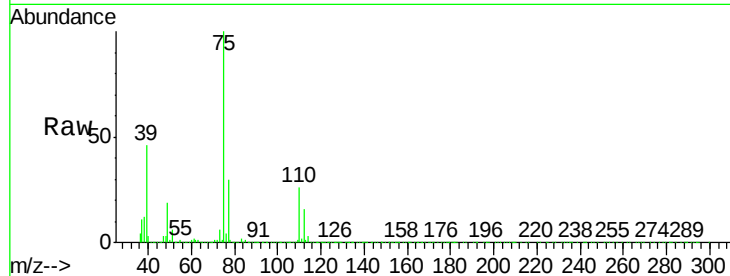
VSTDCCC050EC

Tgt Ion: 75 Resp: 352764

Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.123 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

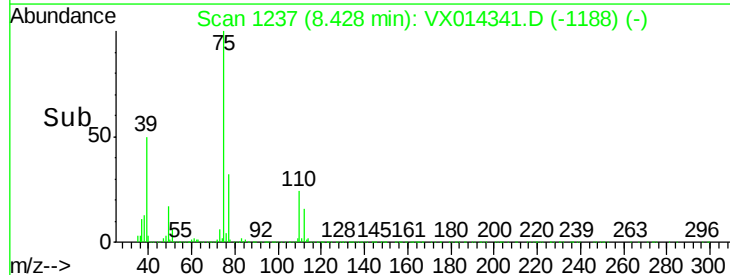
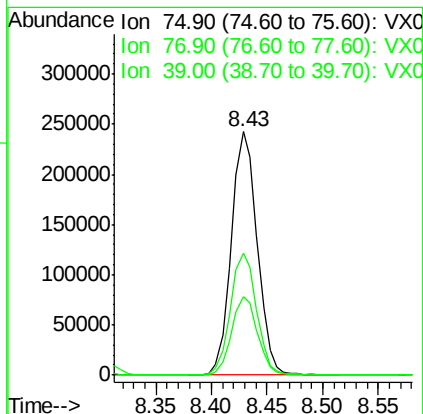
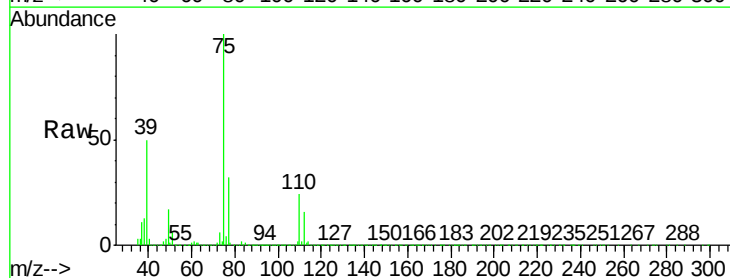
Tgt Ion: 75 Resp: 389844

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 49.7 39.9 59.9

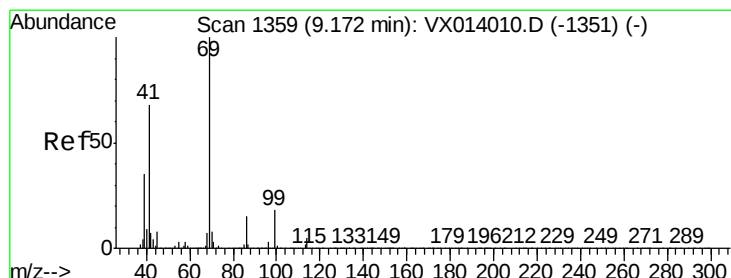
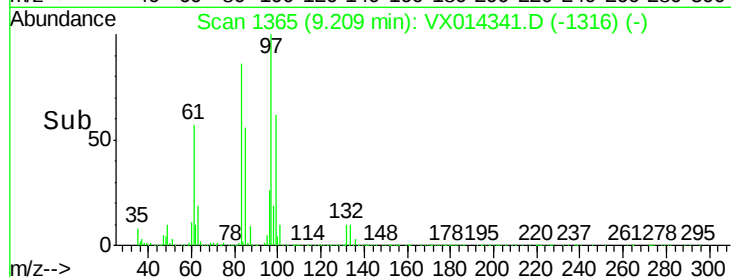
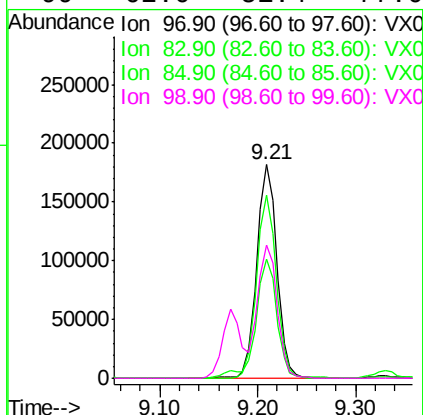
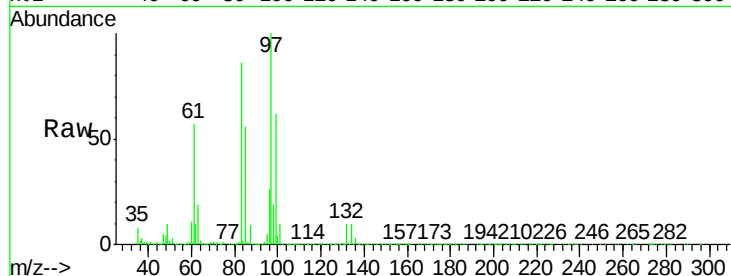




#55
 1,1,2-Trichloroethane
 Concen: 50.597 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

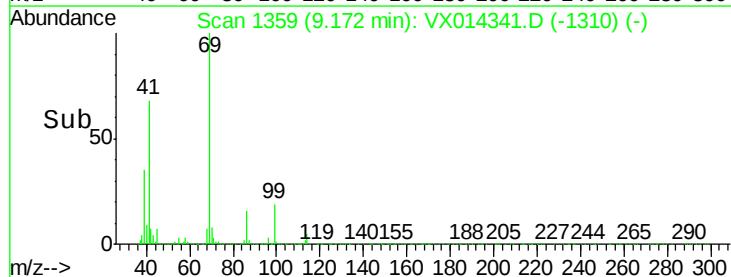
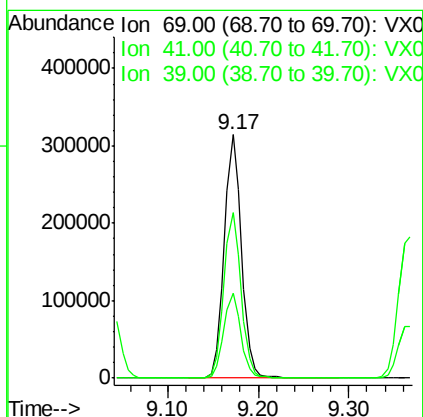
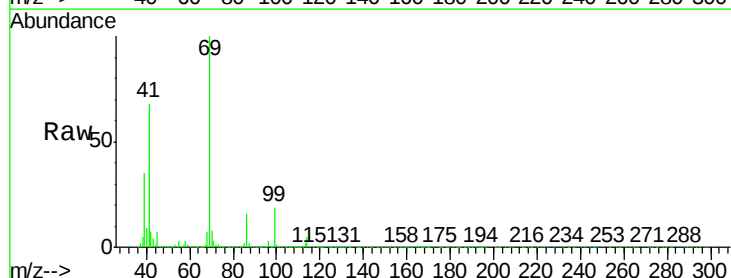
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

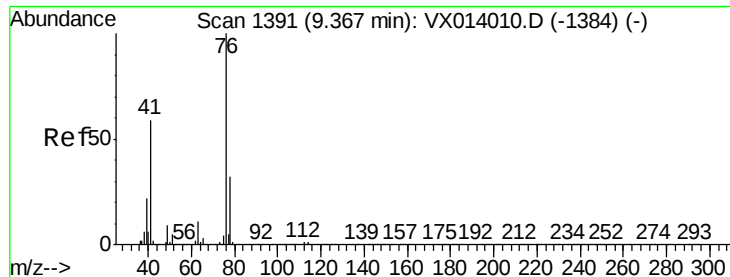
Tgt Ion:	97	Resp:	260913
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.4
85	55.6	44.6	66.8
99	62.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 51.393 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion:	69	Resp:	416300
Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.8	82.2
39	35.0	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.652 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

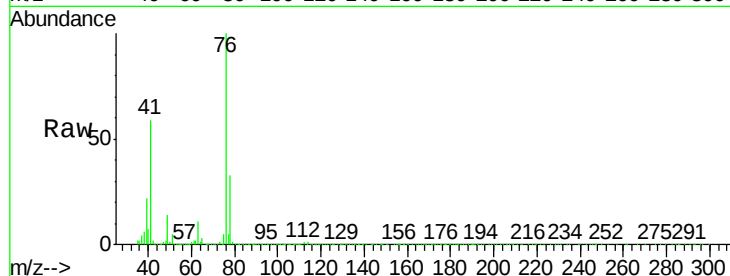
VSTDCCC050EC

Tgt Ion: 76 Resp: 439458

Ion Ratio Lower Upper

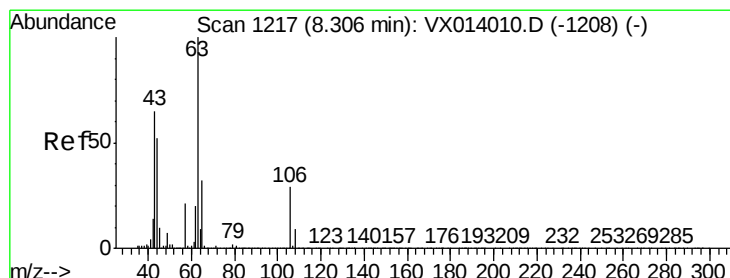
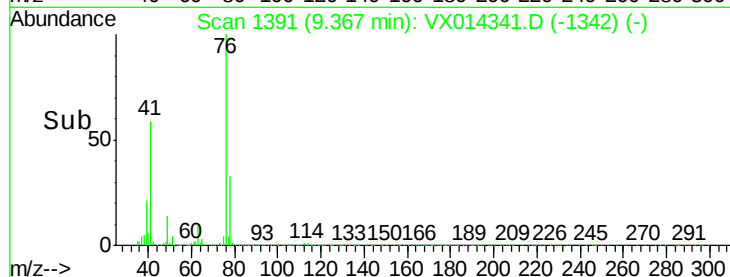
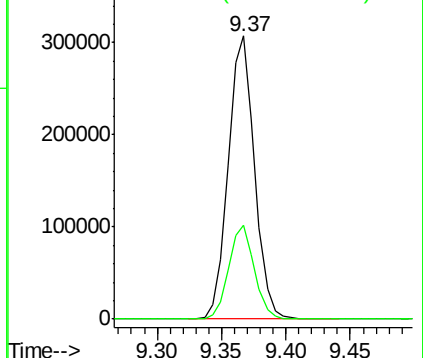
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.031 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014341.D

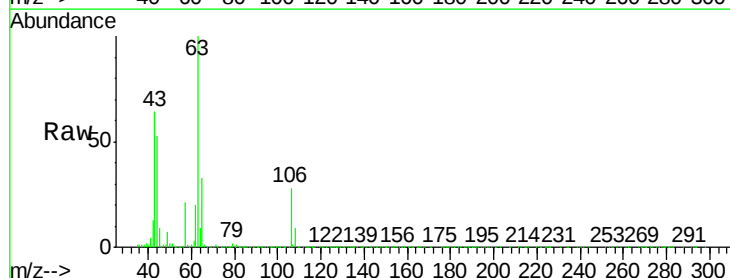
Acq: 28 Dec 2019 04:56

Tgt Ion: 63 Resp: 818567

Ion Ratio Lower Upper

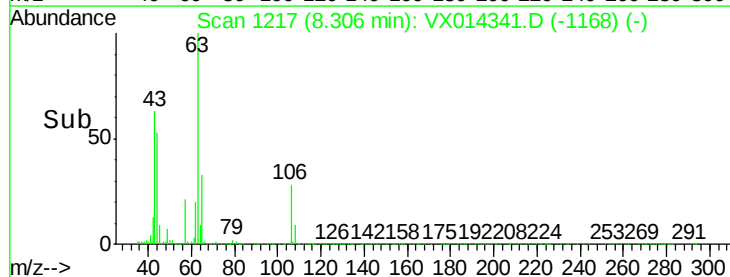
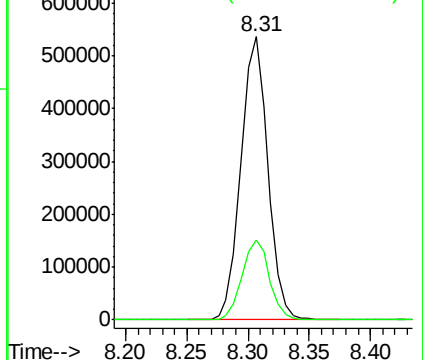
63 100

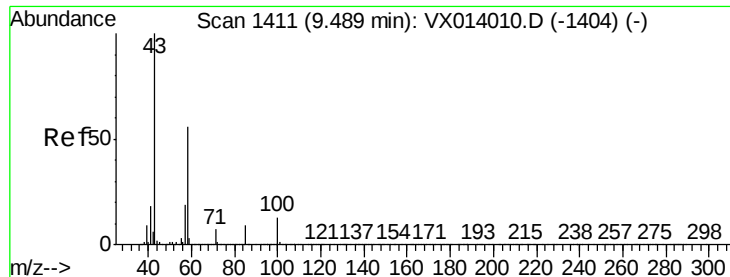
106 28.5 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 245.808 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

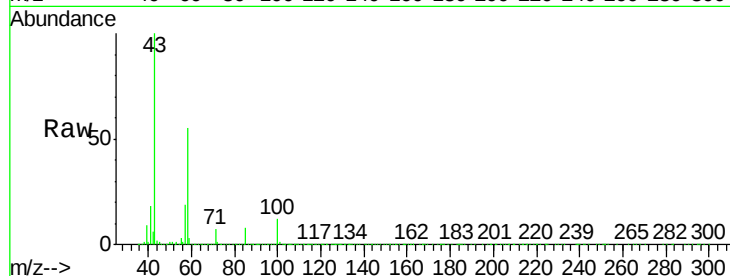
VSTDCCC050EC

Tgt Ion: 43 Resp: 1502480

Ion Ratio Lower Upper

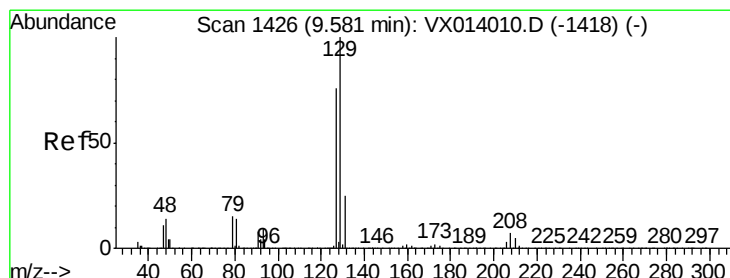
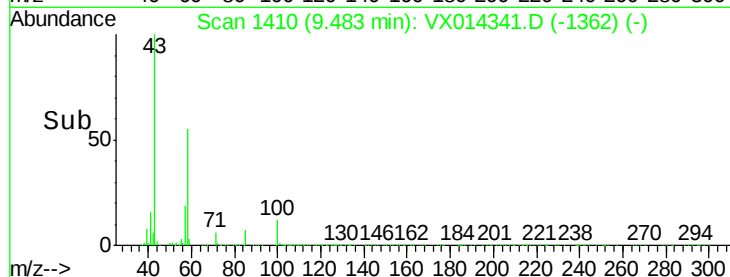
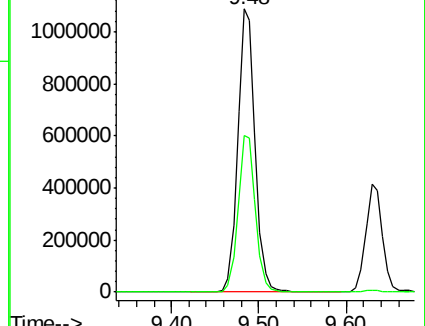
43 100

58 55.6 28.0 84.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 52.779 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014341.D

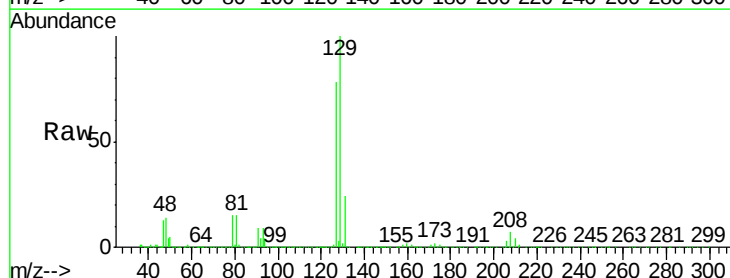
Acq: 28 Dec 2019 04:56

Tgt Ion: 129 Resp: 270535

Ion Ratio Lower Upper

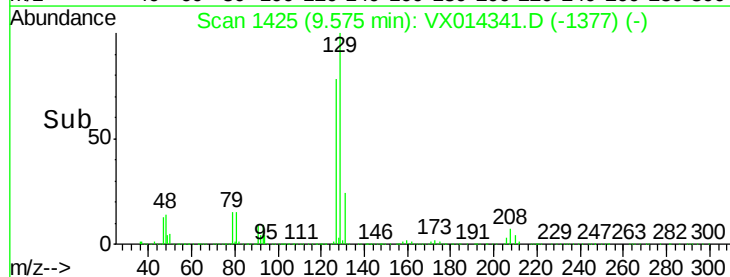
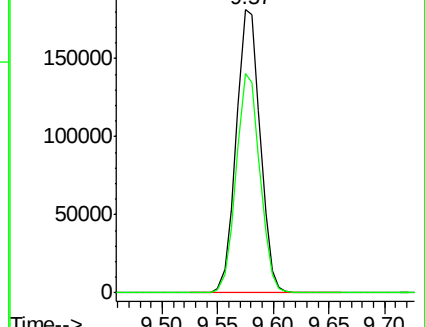
129 100

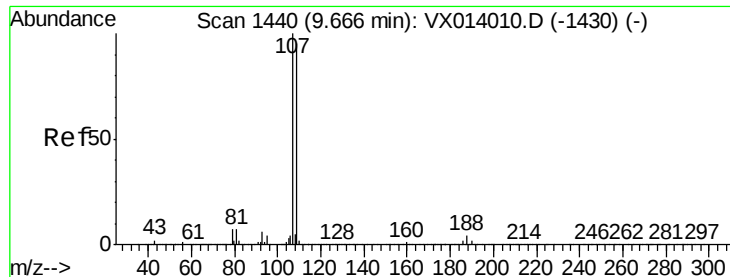
127 76.5 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 50.774 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

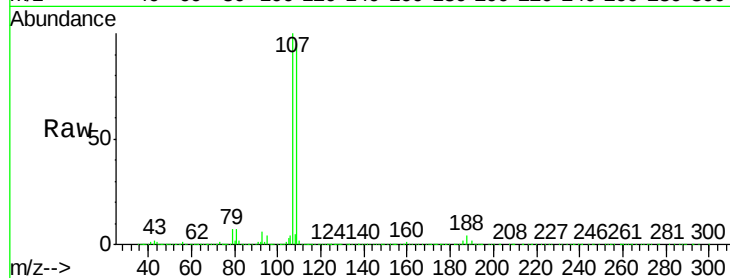
VSTDCCC050EC

Tgt Ion: 107 Resp: 267891

Ion Ratio Lower Upper

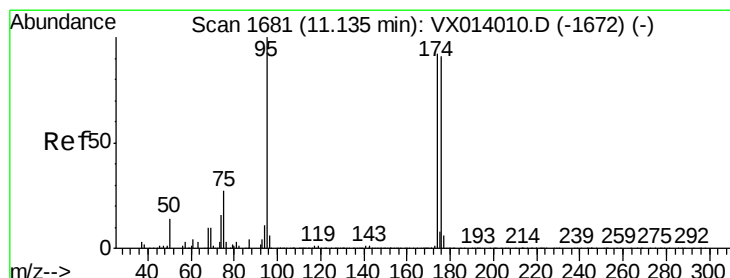
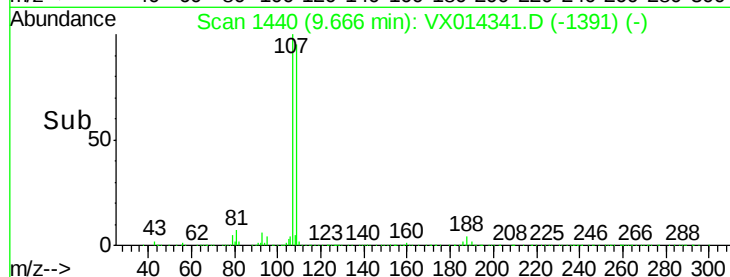
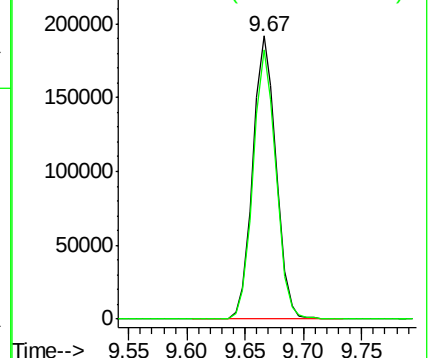
107 100

109 93.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.562 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

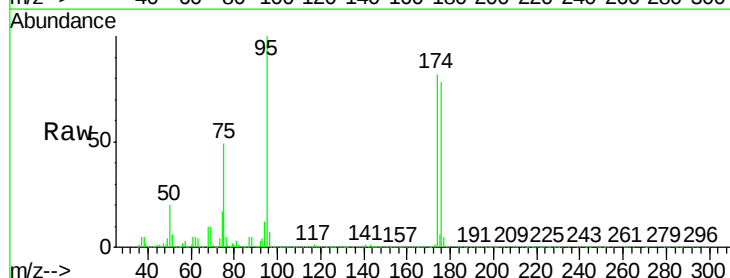
Tgt Ion: 95 Resp: 309151

Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.8

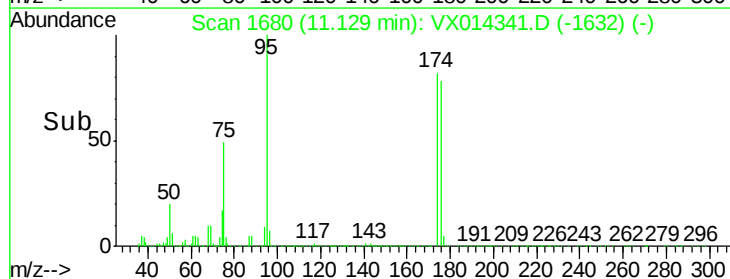
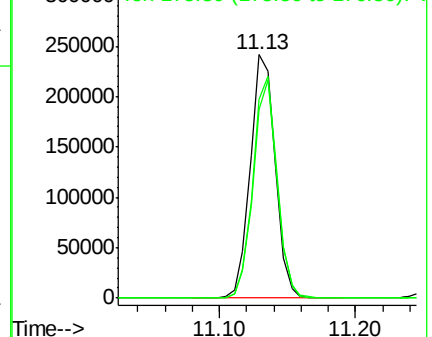
176 86.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

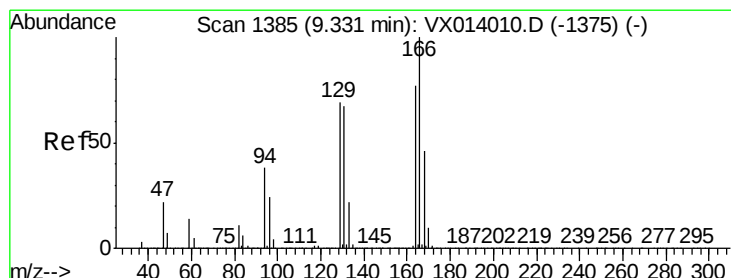
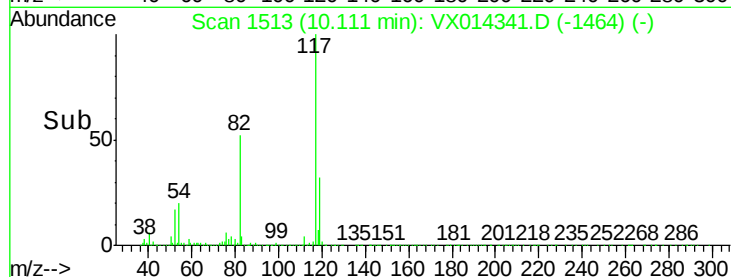
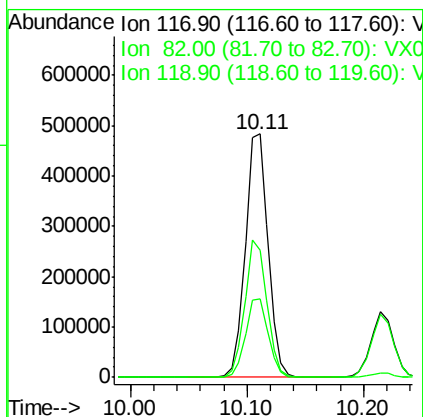
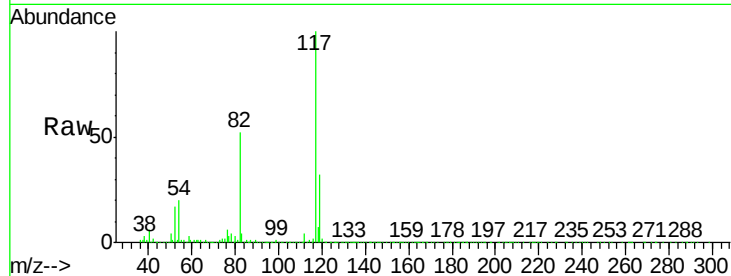




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

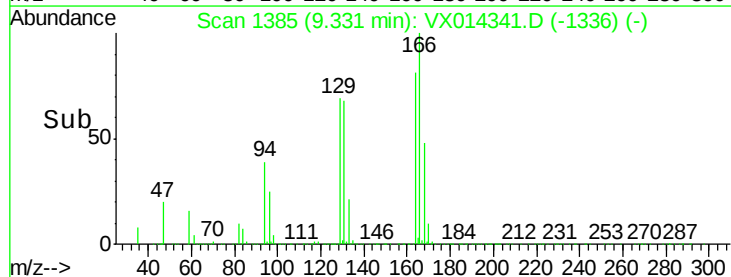
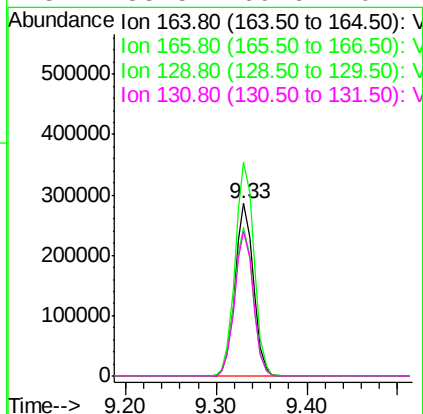
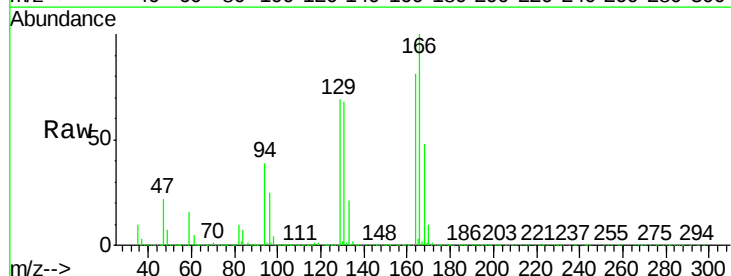
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

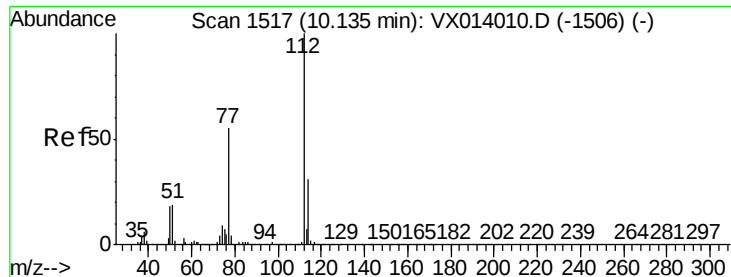
Tgt Ion:117 Resp: 658112
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 68.751 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion:164 Resp: 400368
Ion Ratio Lower Upper
164 100
166 123.8 104.0 156.0
129 85.9 72.2 108.4
131 83.5 69.6 104.4





#65

Chlorobenzene

Concen: 48.407 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

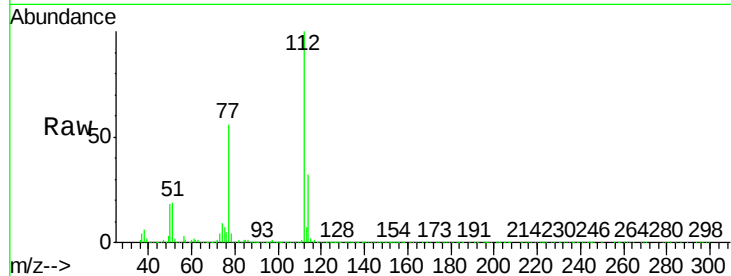
VSTDCCC050EC

Tgt Ion:112 Resp: 677364

Ion Ratio Lower Upper

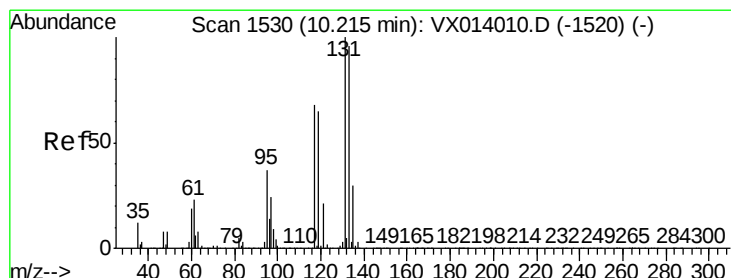
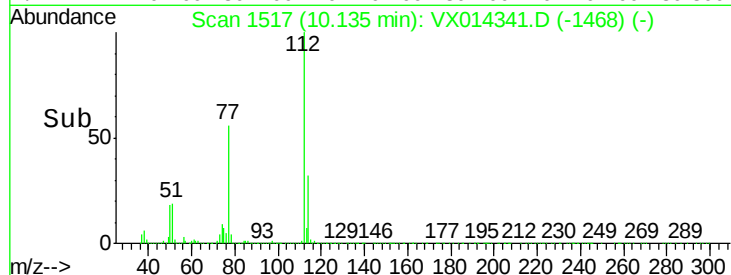
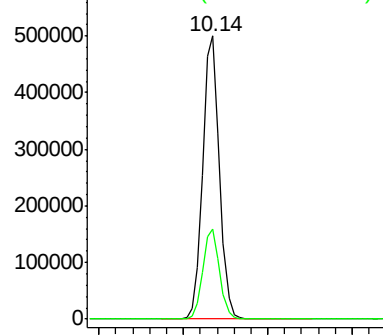
112 100

114 31.9 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.395 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

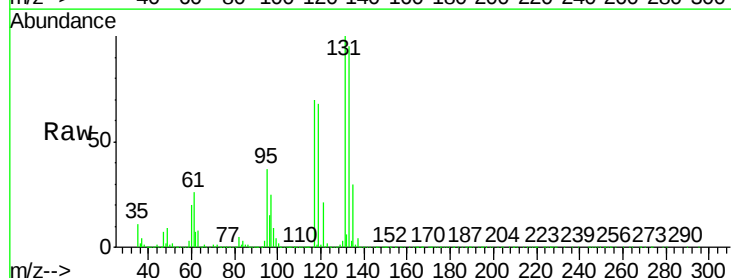
Tgt Ion:131 Resp: 251789

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

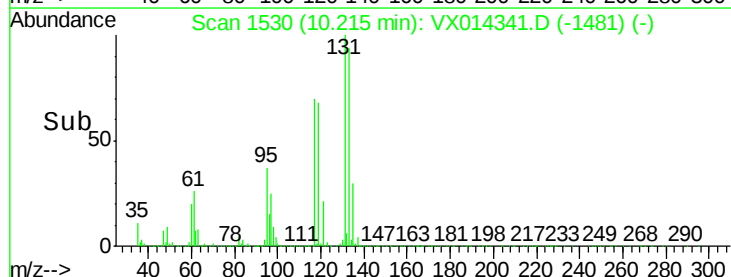
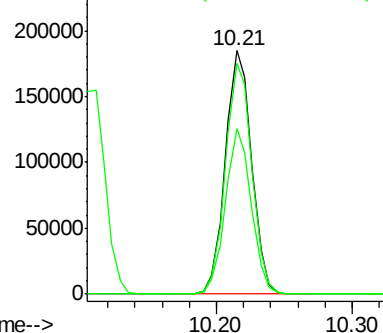
119 67.0 33.4 100.2

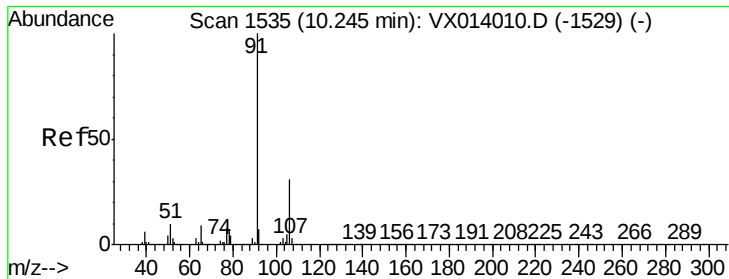


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

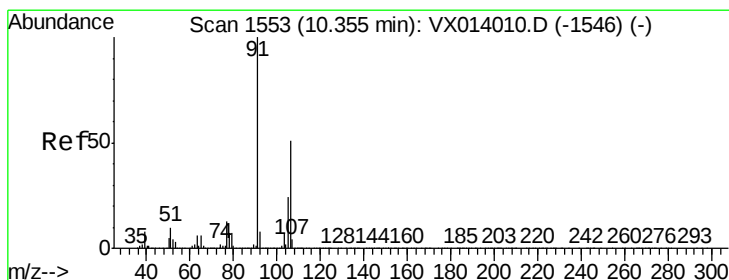
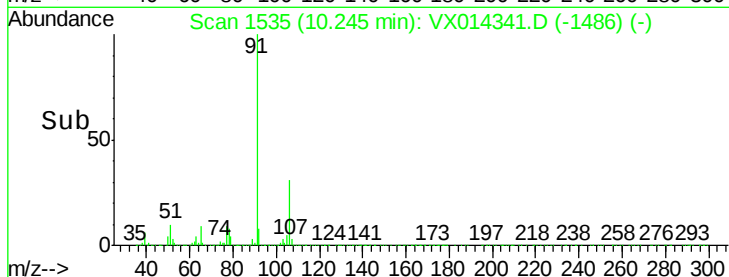
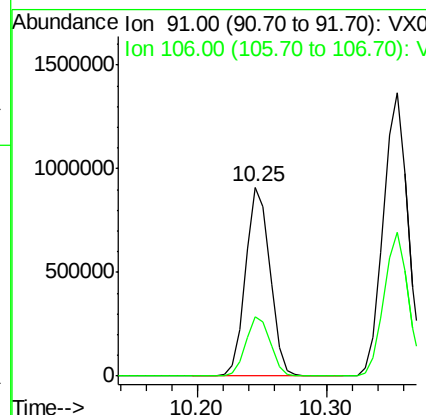
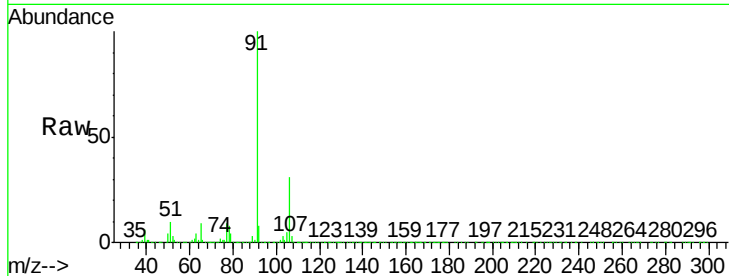




#67
Ethyl Benzene
Concen: 49.366 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

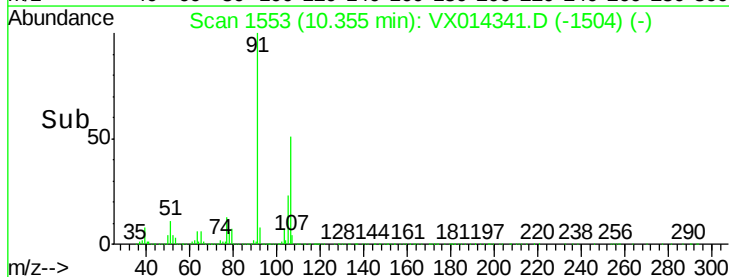
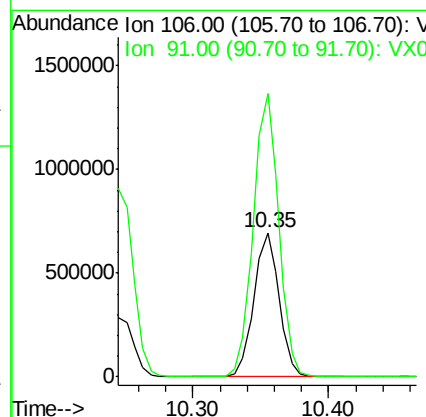
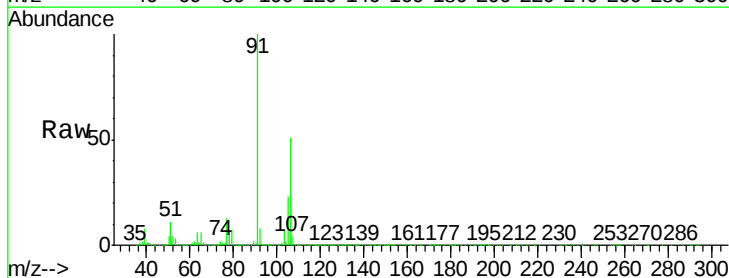
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

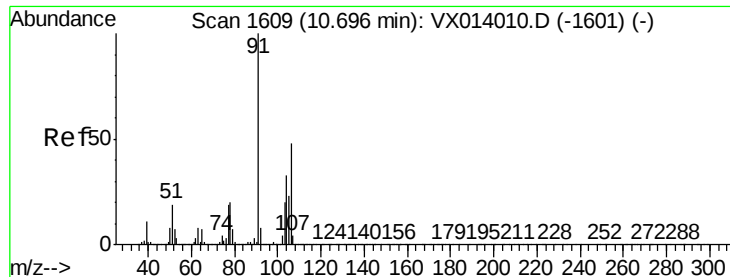
Tgt Ion: 91 Resp: 1187621
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 97.422 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 106 Resp: 901422
Ion Ratio Lower Upper
106 100
91 199.2 158.6 238.0

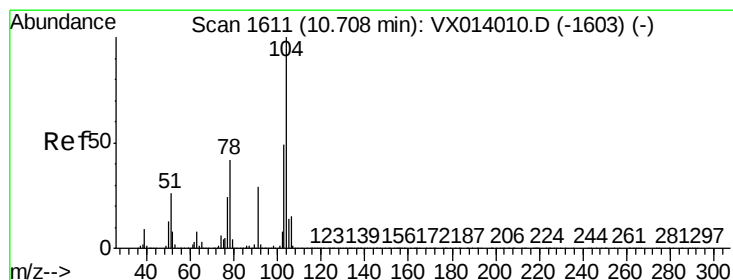
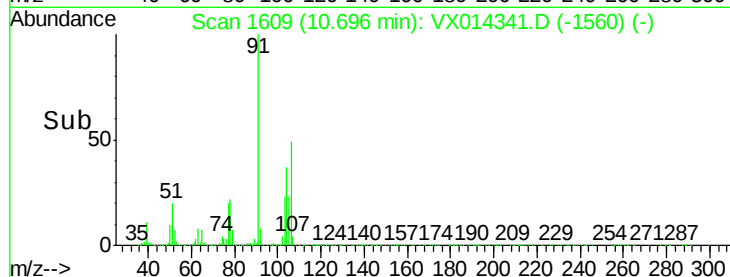
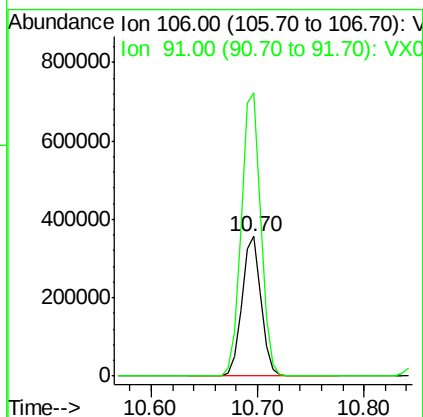
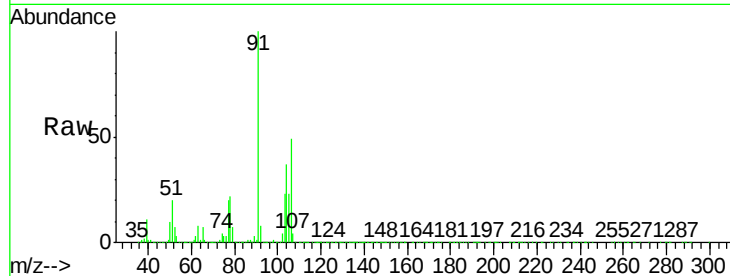




#69
o-Xylene
Concen: 49.216 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

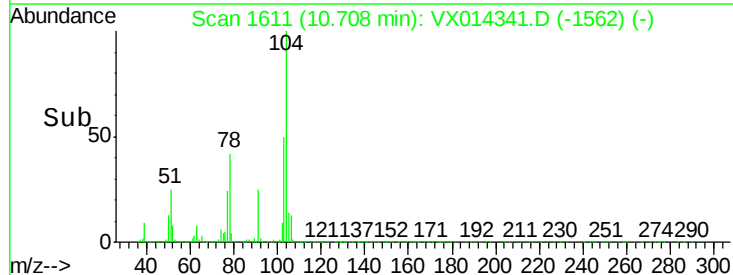
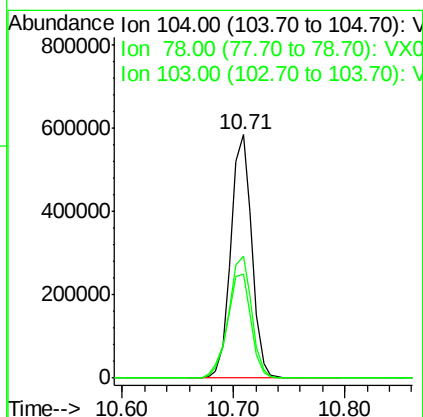
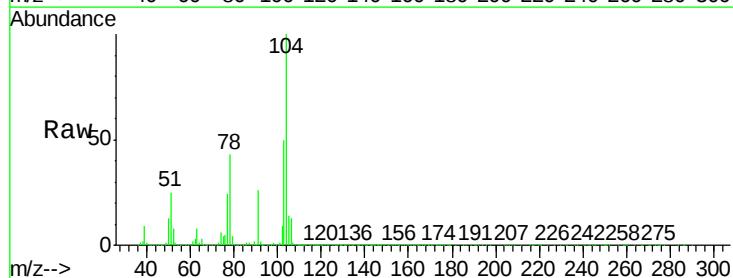
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

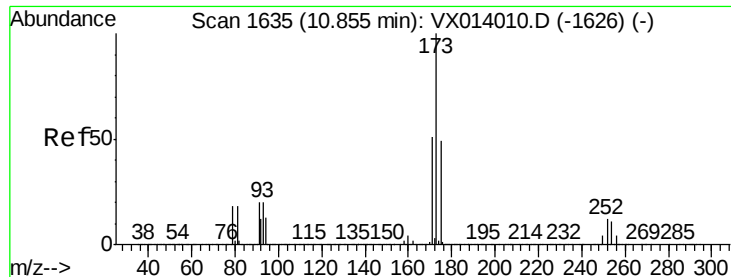
Tgt Ion:106 Resp: 446621
Ion Ratio Lower Upper
106 100
91 208.5 104.2 312.6



#70
Styrene
Concen: 49.514 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion:104 Resp: 759792
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.7 42.9 64.3





#71

Bromoform

Concen: 51.059 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

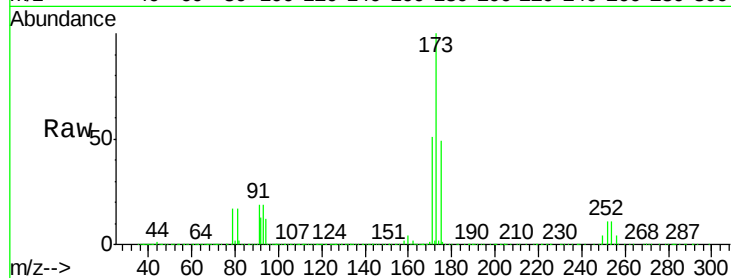
Tgt Ion:173 Resp: 205064

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

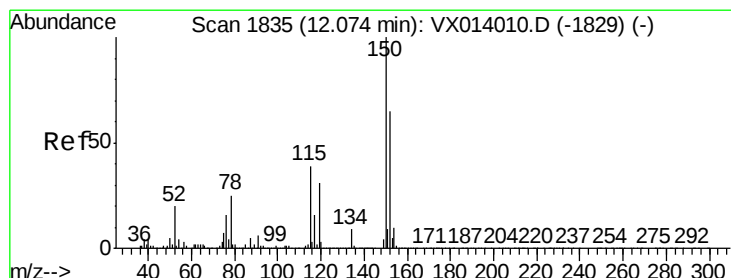
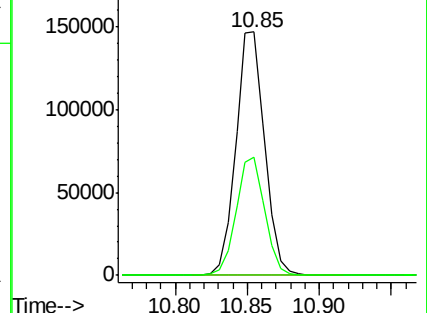
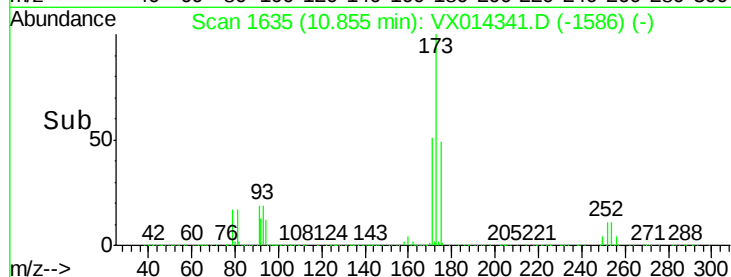
254 0.2 0.2 0.2



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: VX014341.D

Acq: 28 Dec 2019 04:56

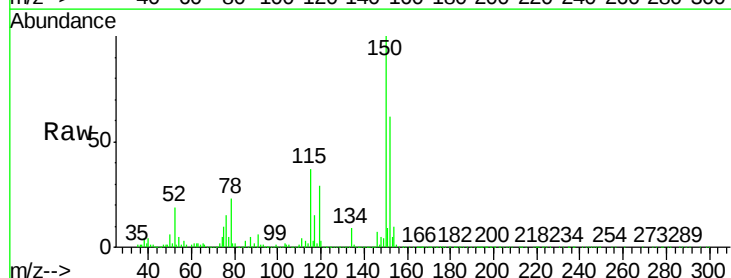
Tgt Ion:152 Resp: 320918

Ion Ratio Lower Upper

152 100

115 79.6 38.3 114.9

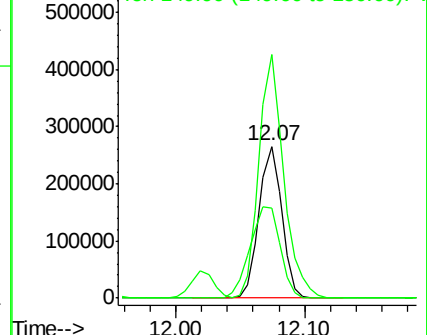
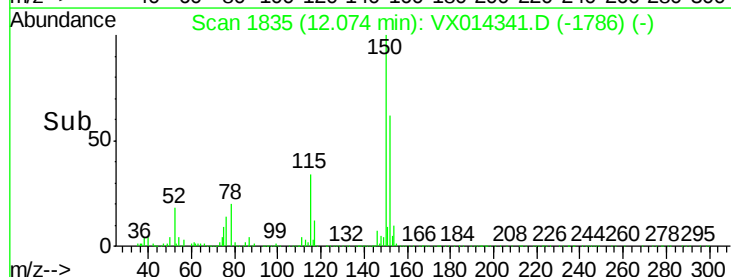
150 175.3 0.0 345.4

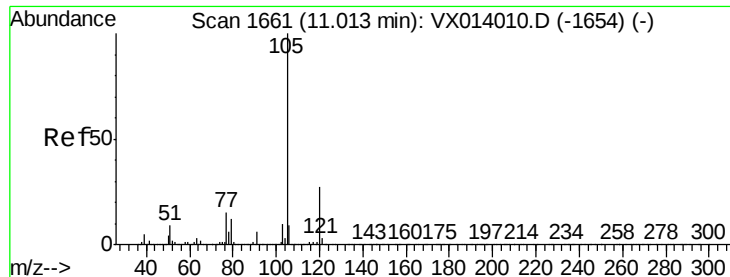


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.629 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

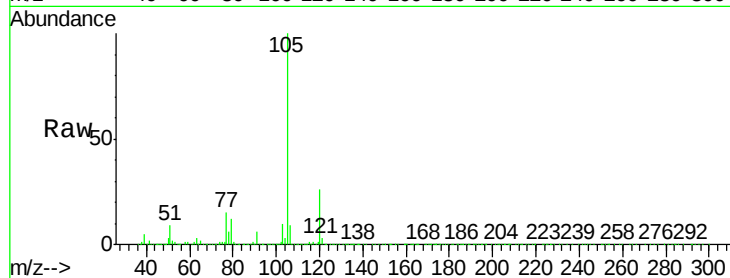
VSTDCCC050EC

Tgt Ion:105 Resp: 1166558

Ion Ratio Lower Upper

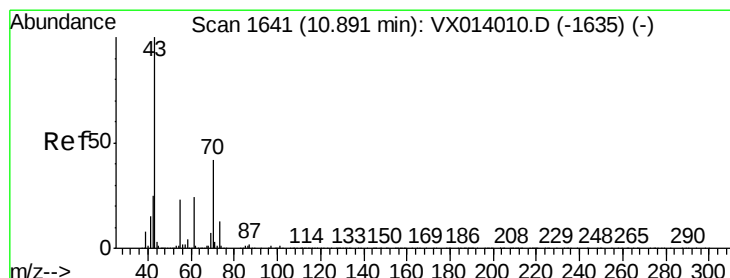
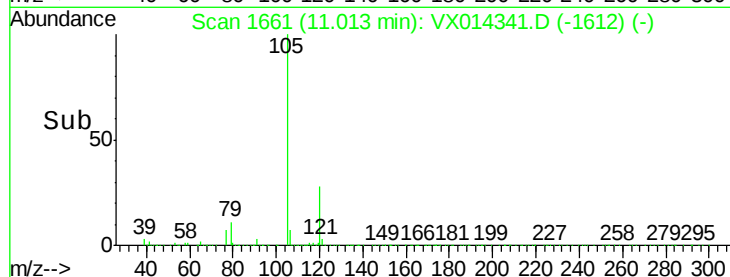
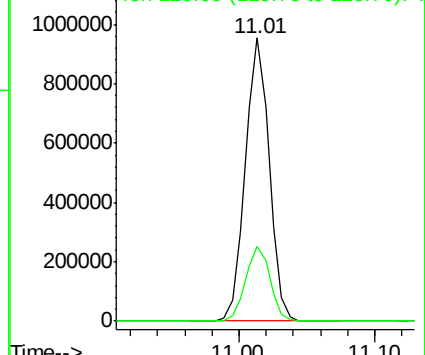
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.248 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion: 43 Resp: 542781

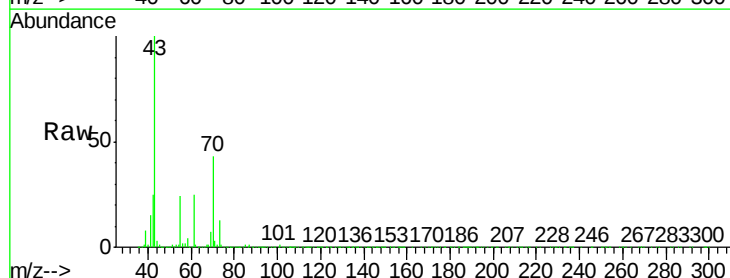
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 24.0 19.1 28.7

61 24.9 19.7 29.5

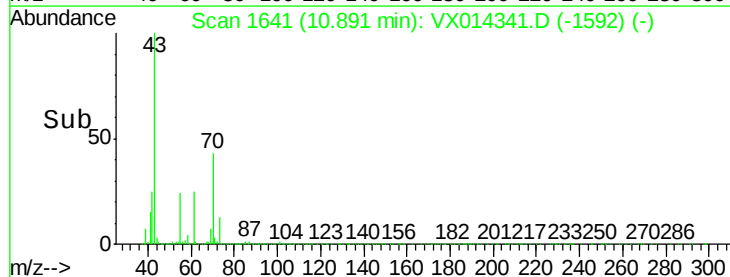
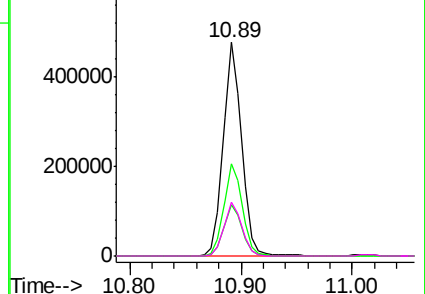


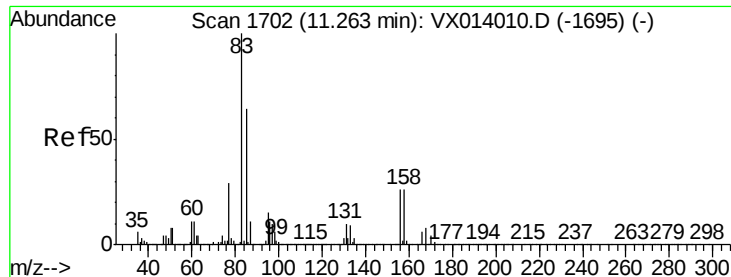
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 43.782 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

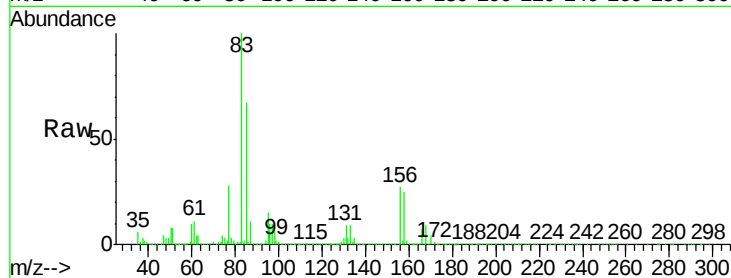
Tgt Ion: 83 Resp: 342968

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

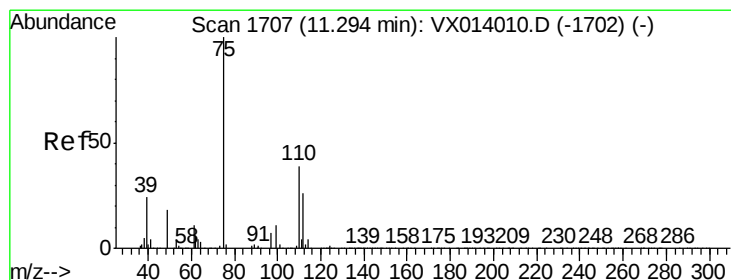
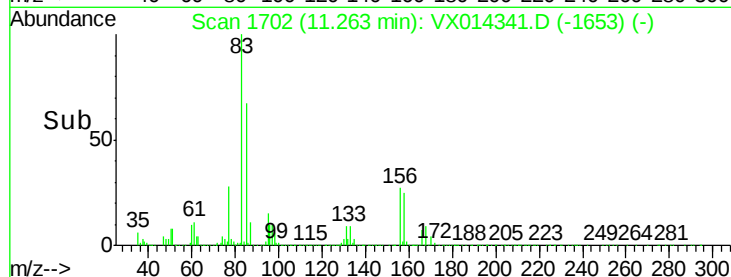
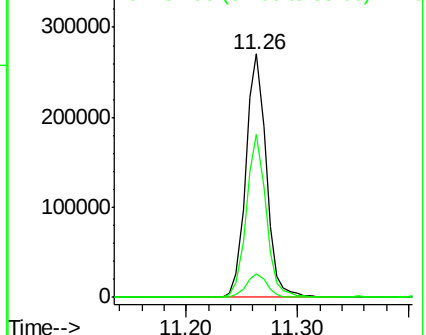
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.482 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014341.D

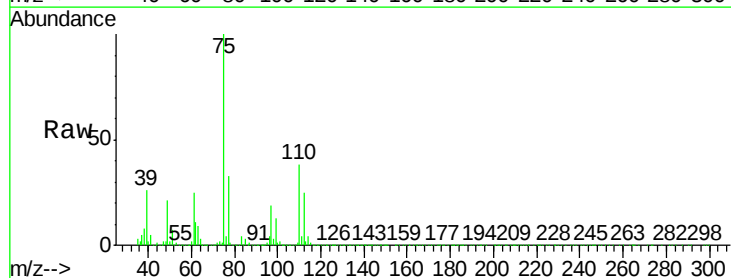
Acq: 28 Dec 2019 04:56

Tgt Ion: 75 Resp: 442282

Ion Ratio Lower Upper

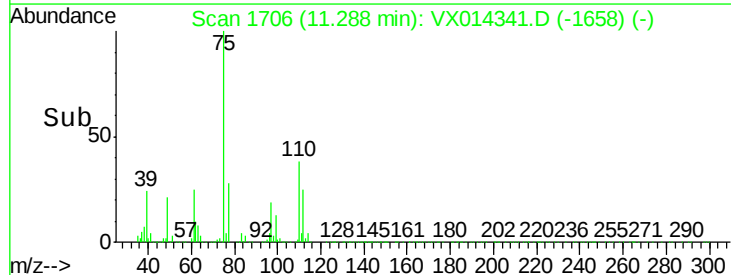
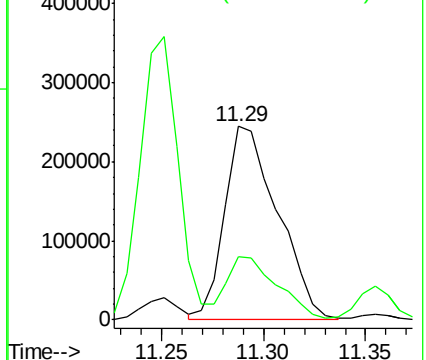
75 100

77 30.5 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.670 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

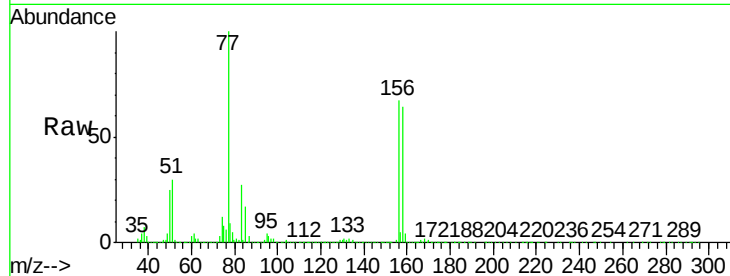
Tgt Ion:156 Resp: 302566

Ion Ratio Lower Upper

156 100

77 152.2 76.5 229.5

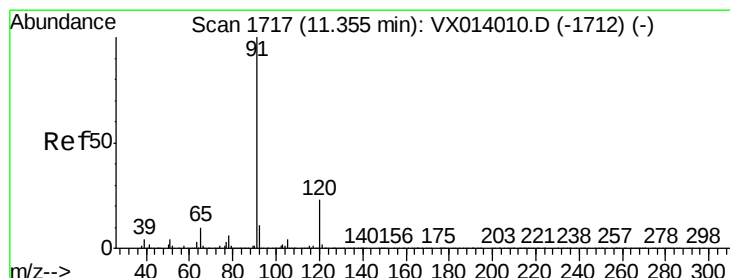
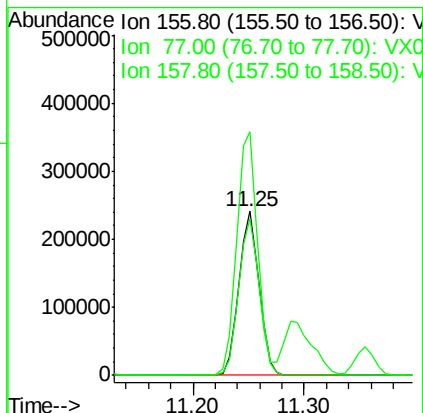
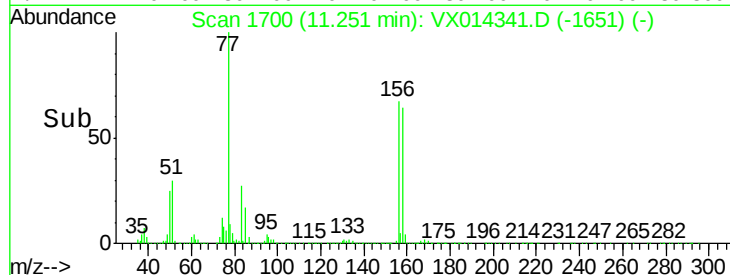
158 96.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.693 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014341.D

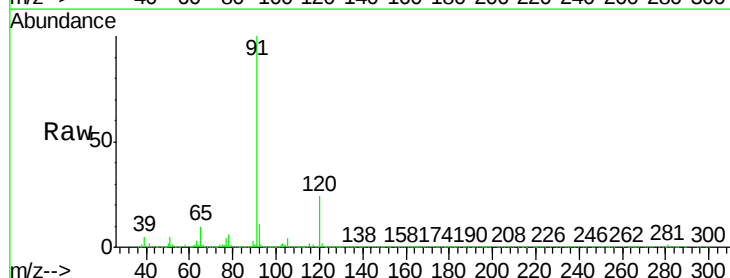
Acq: 28 Dec 2019 04:56

Tgt Ion: 91 Resp: 1310133

Ion Ratio Lower Upper

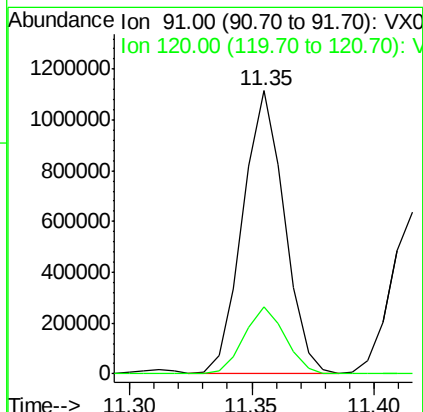
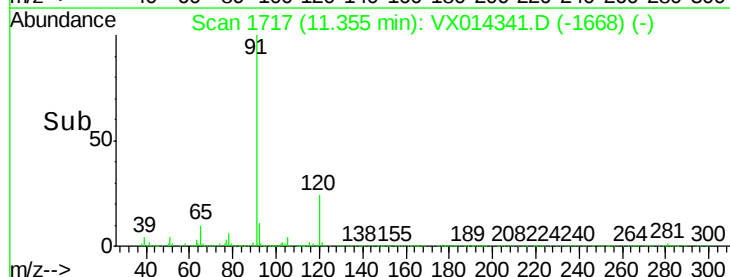
91 100

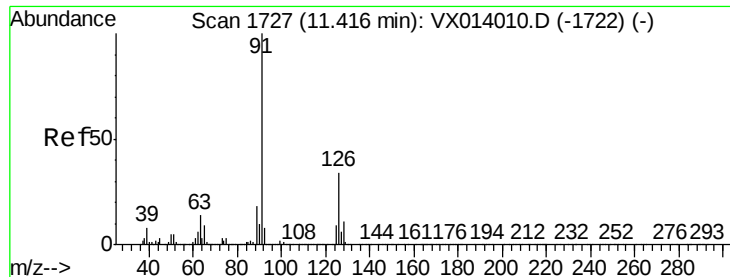
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.750 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

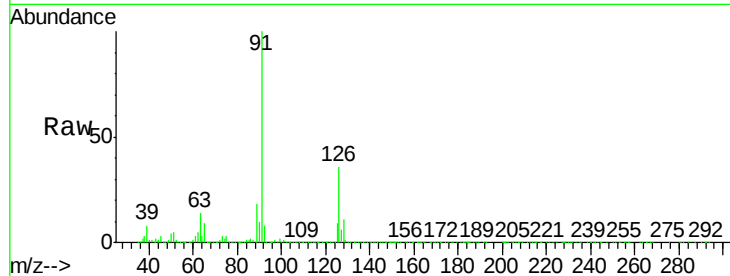
VSTDCCC050EC

Tgt Ion: 91 Resp: 781864

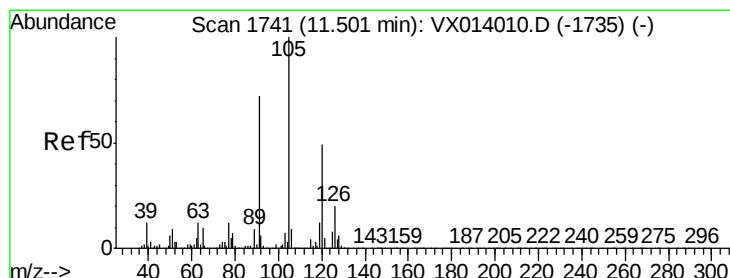
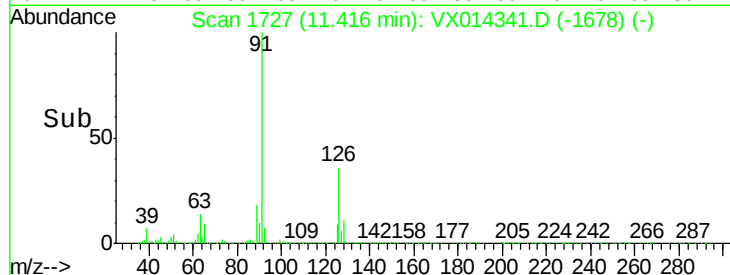
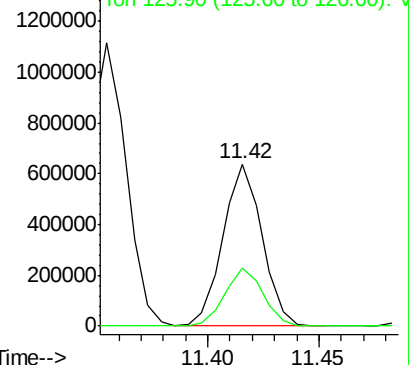
Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX014341.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.633 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014341.D

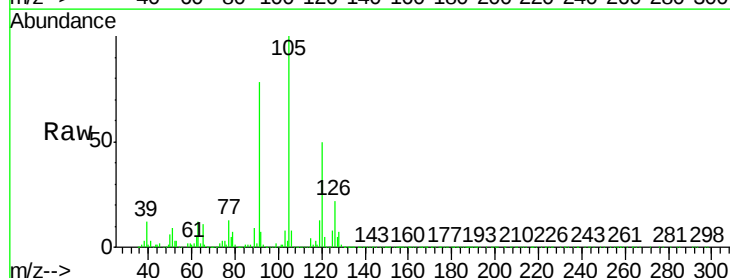
Acq: 28 Dec 2019 04:56

Tgt Ion: 105 Resp: 981861

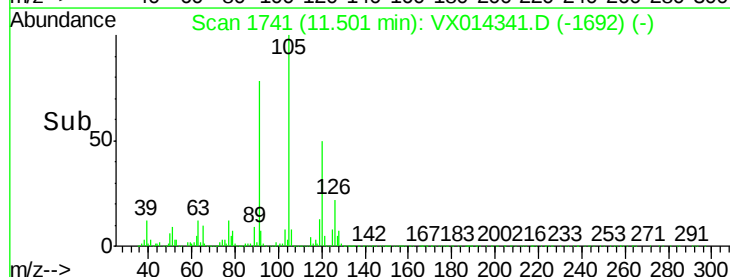
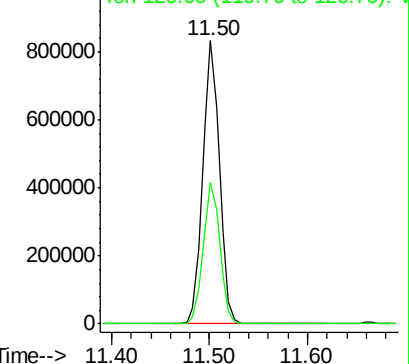
Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014341.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.066 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

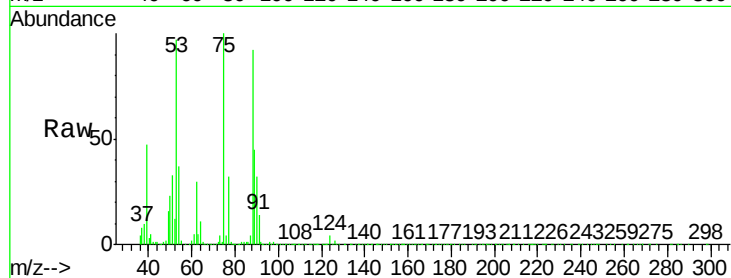
Tgt Ion: 75 Resp: 116176

Ion Ratio Lower Upper

75 100

53 98.5 76.7 115.1

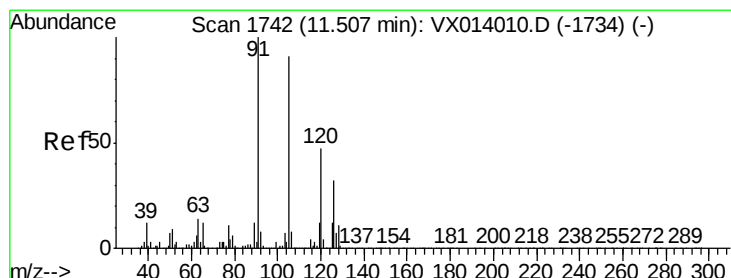
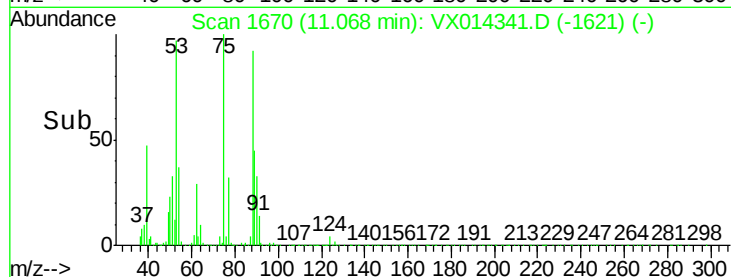
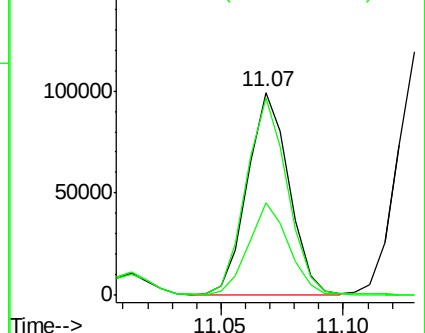
89 45.0 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.367 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014341.D

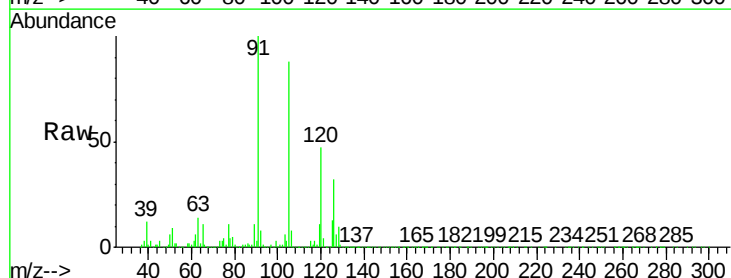
Acq: 28 Dec 2019 04:56

Tgt Ion: 91 Resp: 900094

Ion Ratio Lower Upper

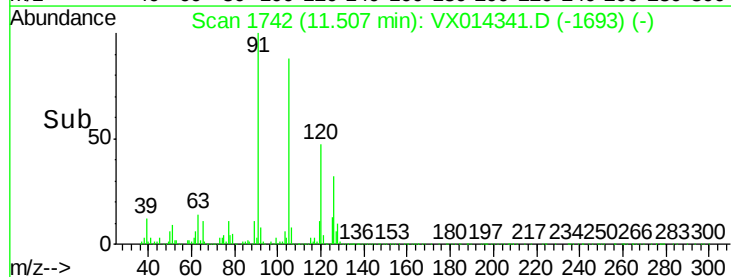
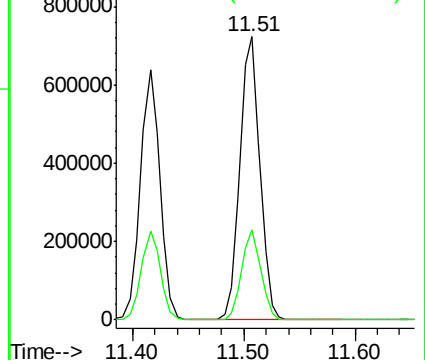
91 100

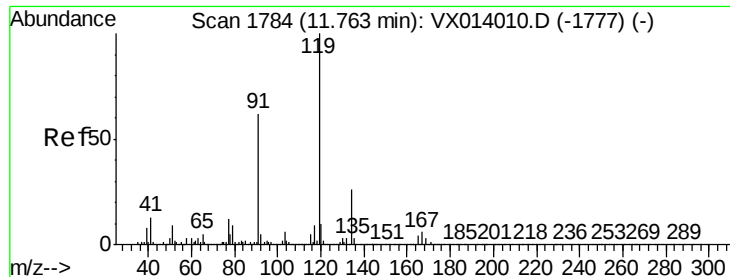
126 30.6 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

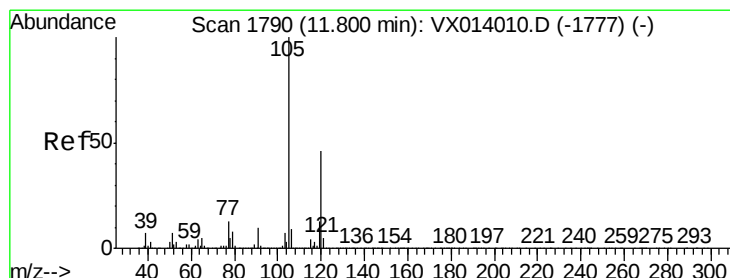
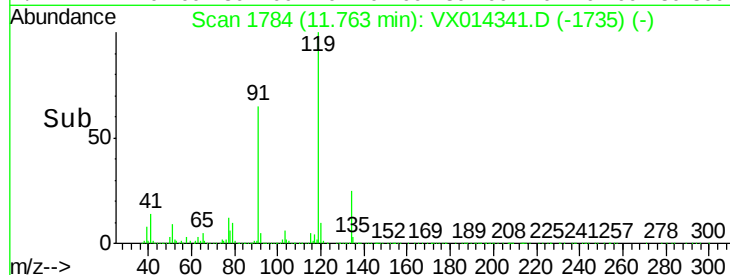
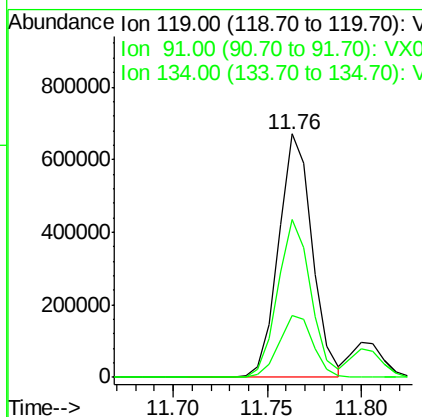
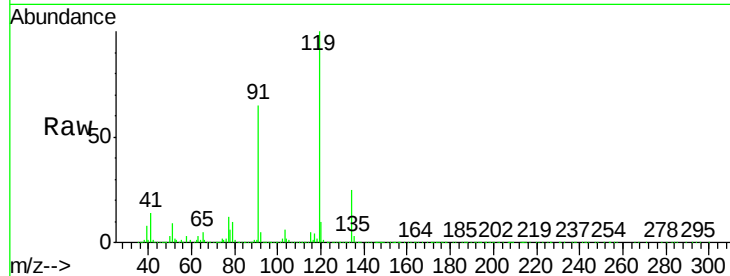




#83
 tert-Butylbenzene
 Concen: 44.616 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

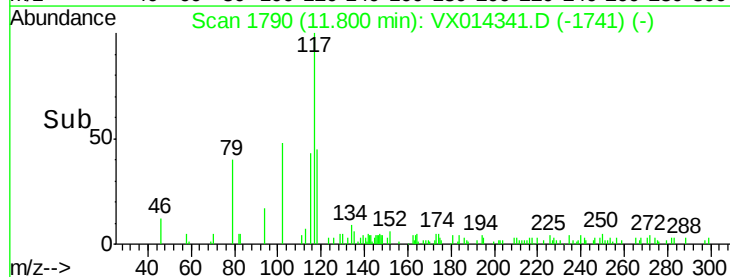
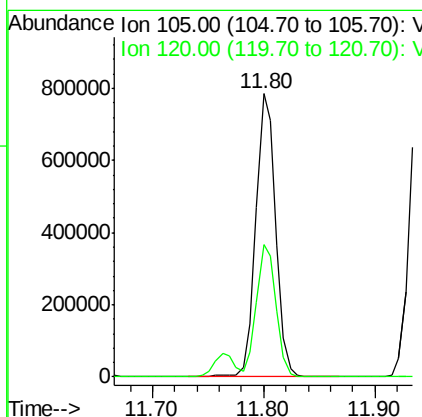
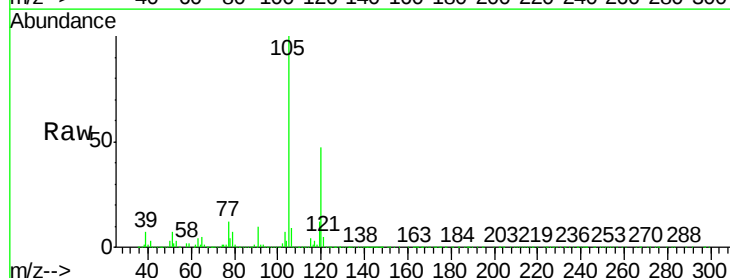
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

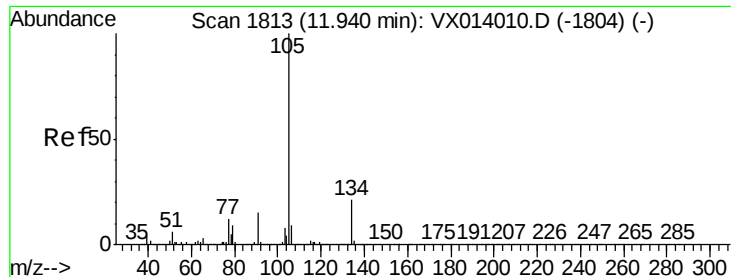
Tgt Ion:119 Resp: 825655
 Ion Ratio Lower Upper
 119 100
 91 64.2 28.5 85.6
 134 25.7 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.989 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion:105 Resp: 971015
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.634 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

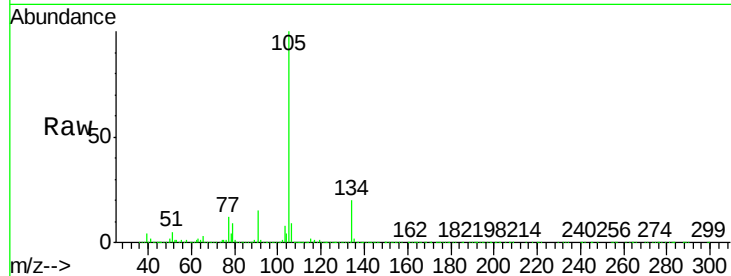
VSTDCCC050EC

Tgt Ion:105 Resp: 1128025

Ion Ratio Lower Upper

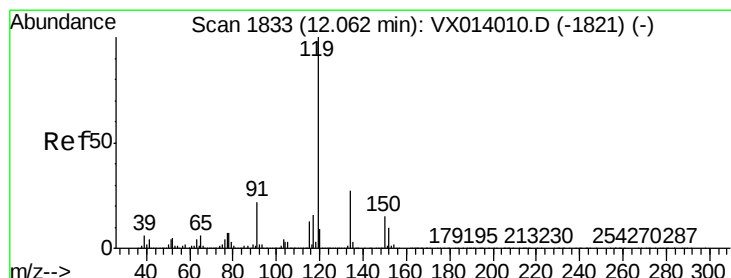
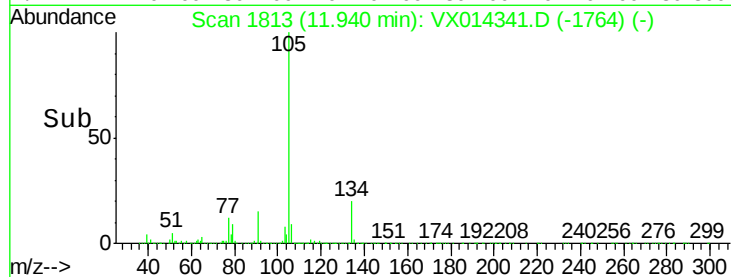
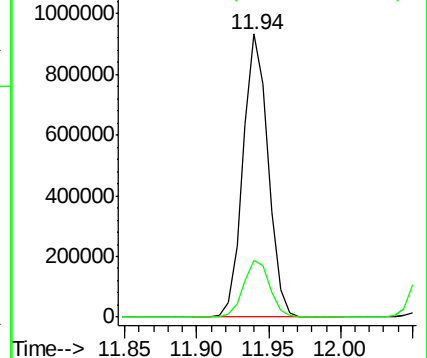
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.081 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

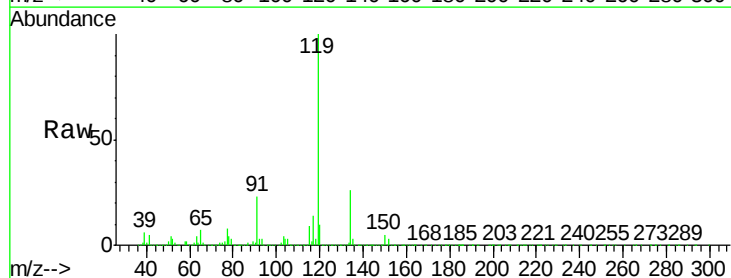
Tgt Ion:119 Resp: 1020789

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

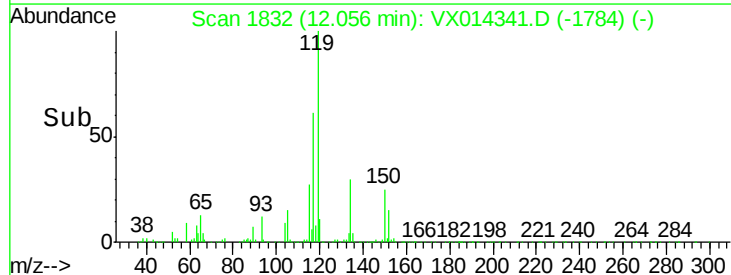
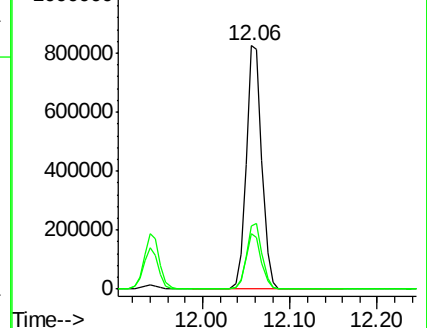
91 22.4 11.4 34.1

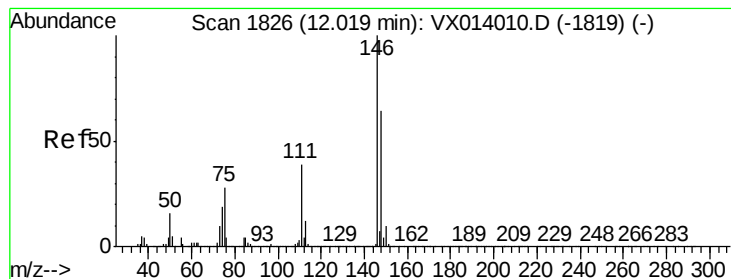


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.678 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

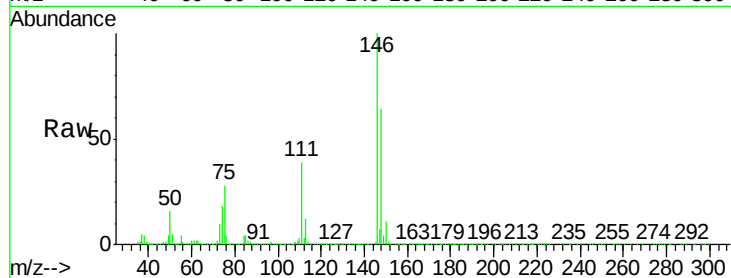
Tgt Ion:146 Resp: 530368

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

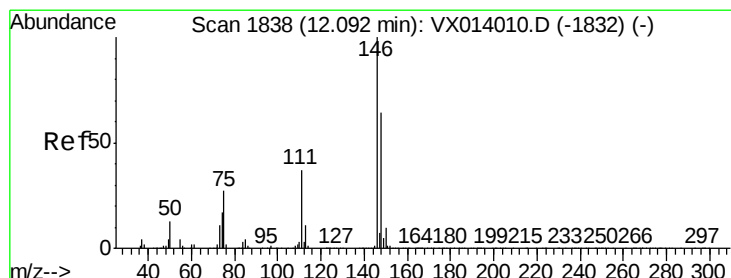
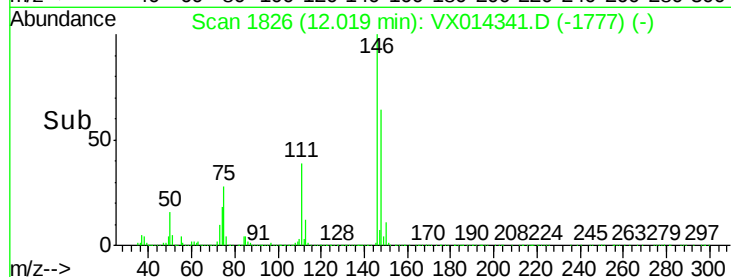
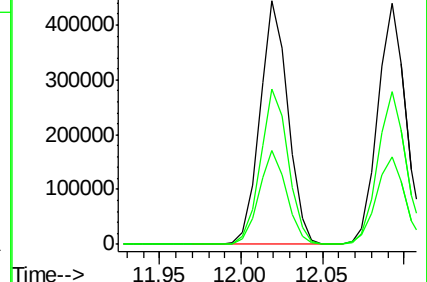
148 63.5 32.3 96.9



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



#88

1,4-Dichlorobenzene

Concen: 47.365 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

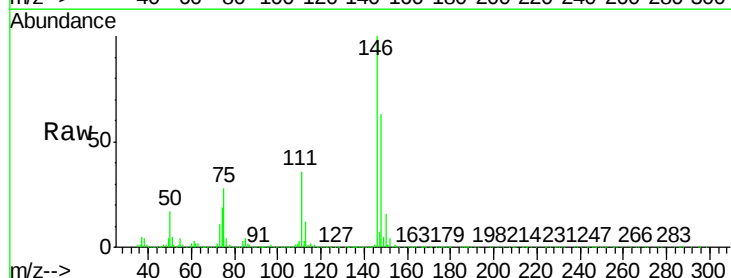
Tgt Ion:146 Resp: 524733

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

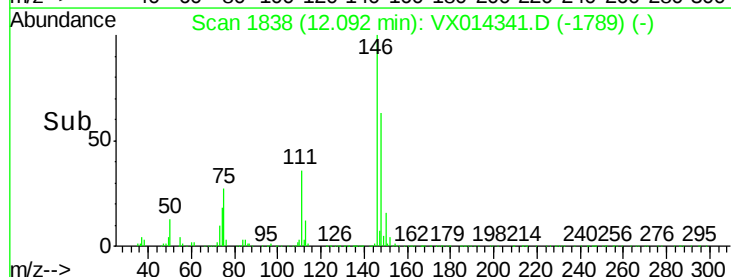
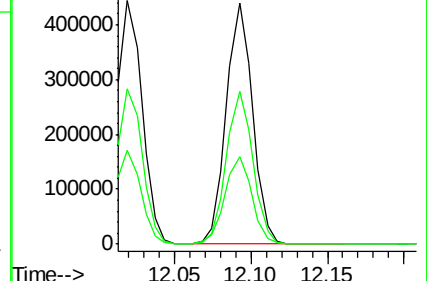
148 63.6 31.9 95.9



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





#89

n-Butylbenzene

Concen: 51.258 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

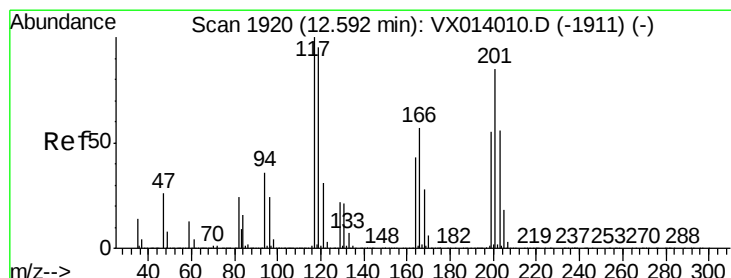
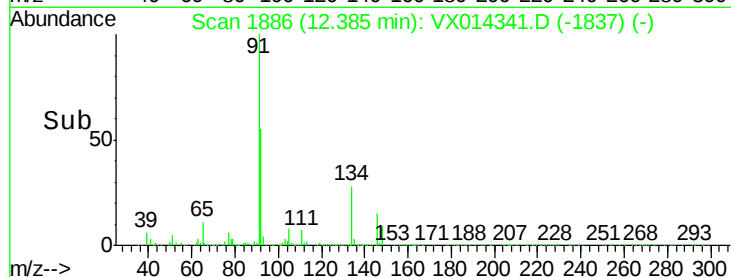
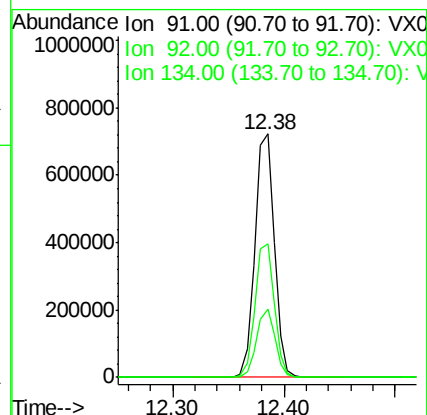
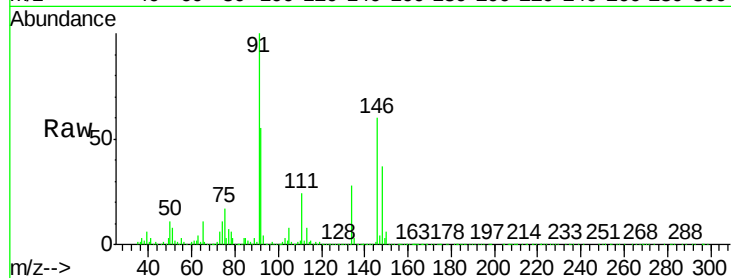
Tgt Ion: 91 Resp: 874024

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 49.627 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014341.D

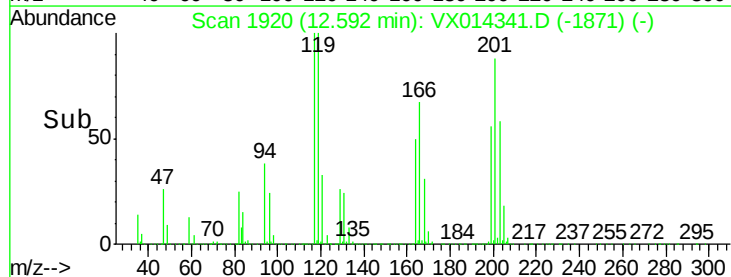
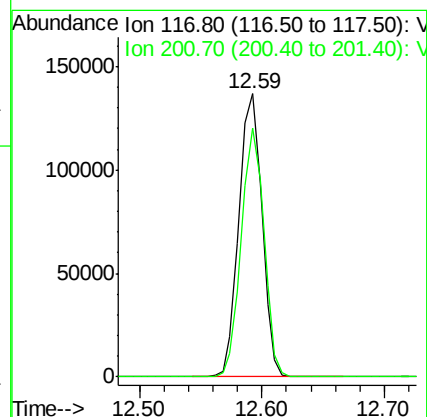
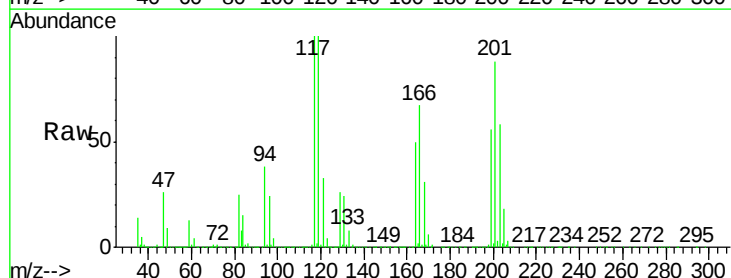
Acq: 28 Dec 2019 04:56

Tgt Ion: 117 Resp: 178134

Ion Ratio Lower Upper

117 100

201 86.4 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 48.546 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

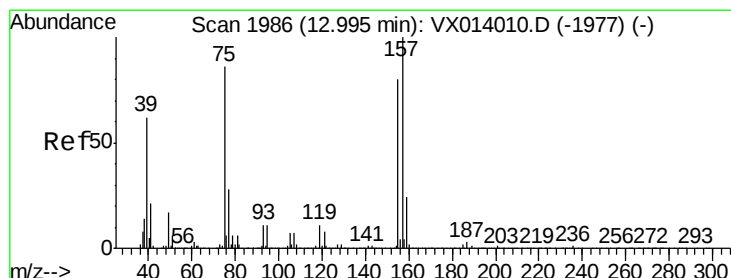
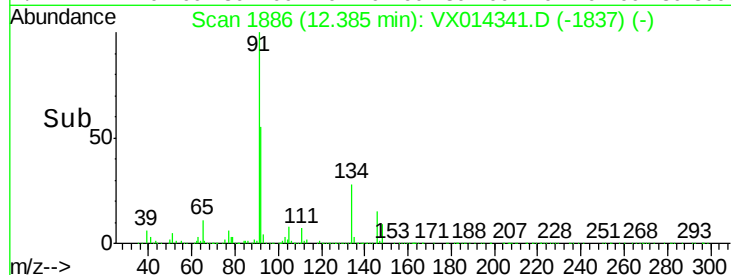
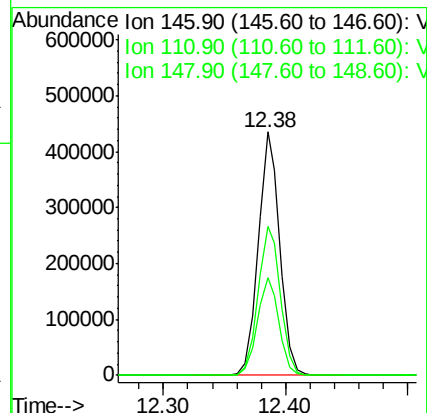
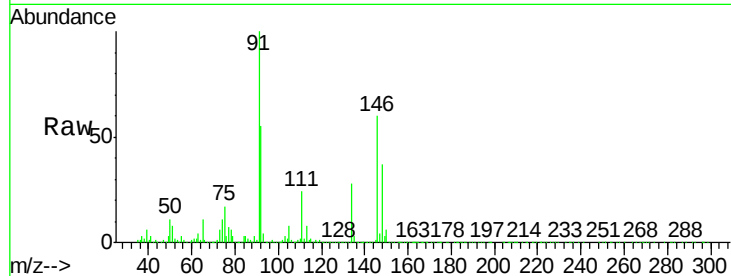
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	532462
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.1
148	63.8	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.397 ug/l

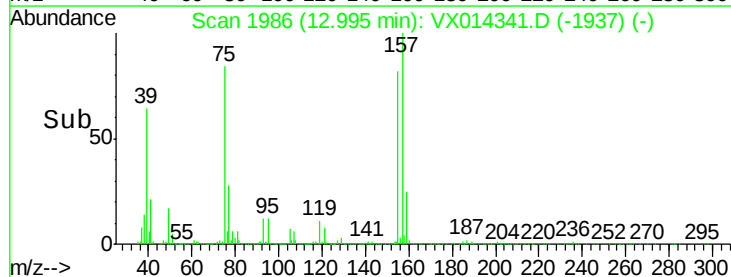
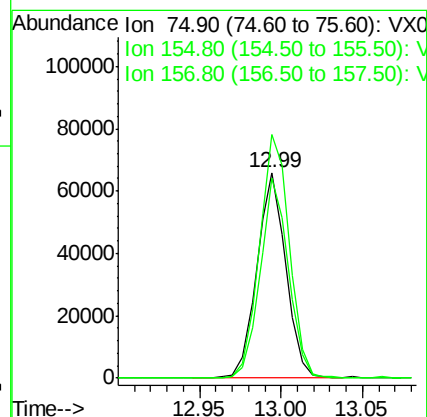
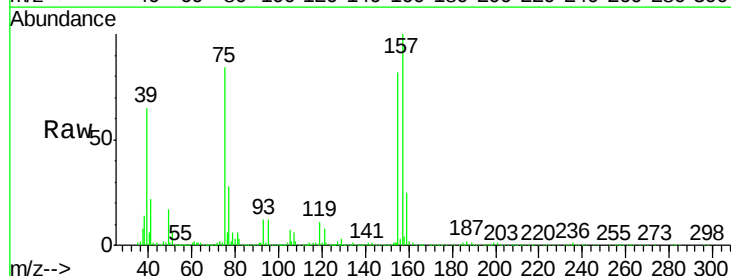
RT: 12.99 min Scan# 1986

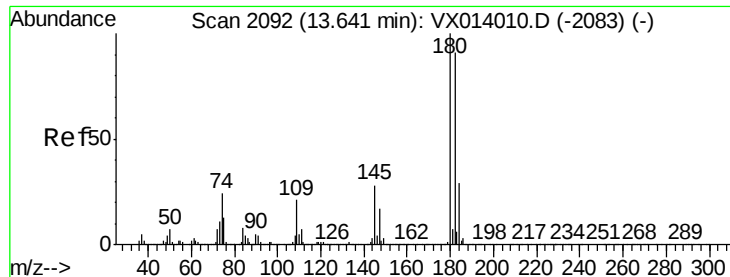
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	75	Resp:	80429
Ion	Ratio	Lower	Upper
75	100		
155	95.6	46.9	140.6
157	123.7	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 49.701 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

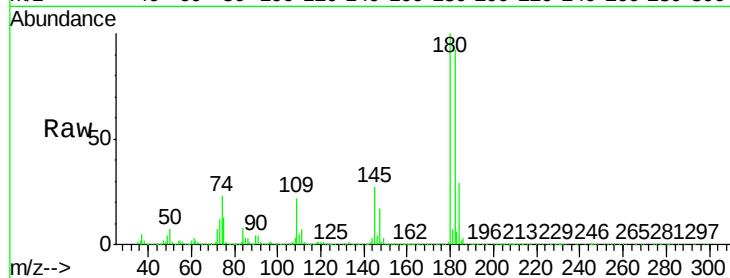
Tgt Ion:180 Resp: 354305

Ion Ratio Lower Upper

180 100

182 94.2 46.6 139.8

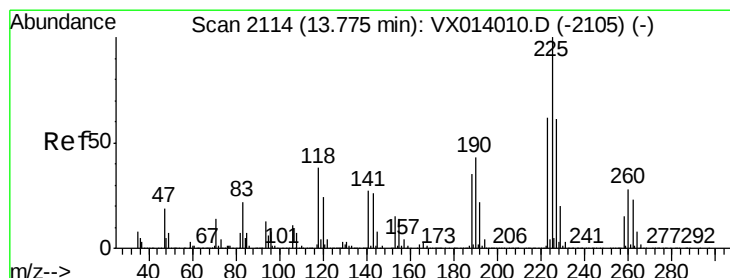
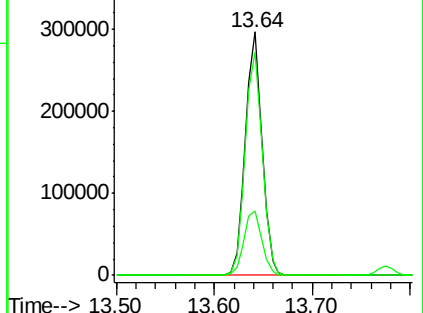
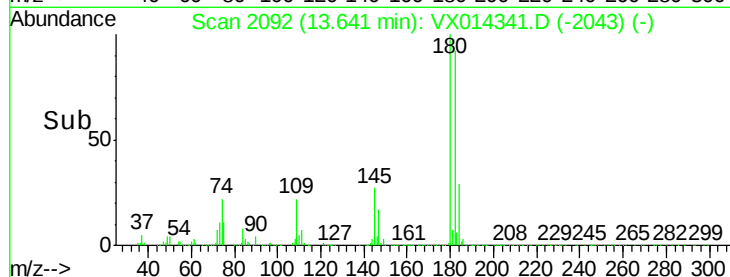
145 28.1 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.250 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

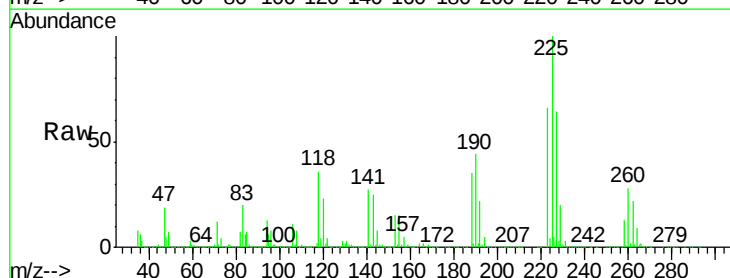
Tgt Ion:225 Resp: 165309

Ion Ratio Lower Upper

225 100

223 63.8 30.9 92.5

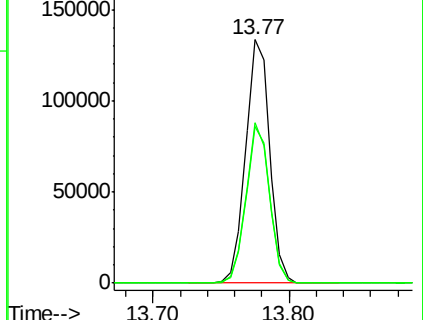
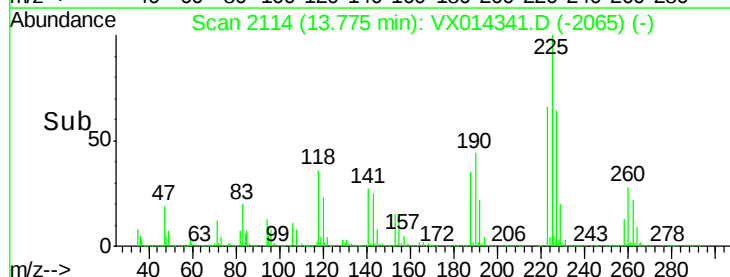
227 63.6 30.9 92.7

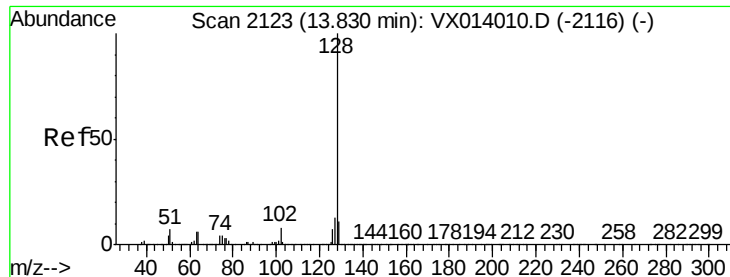


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

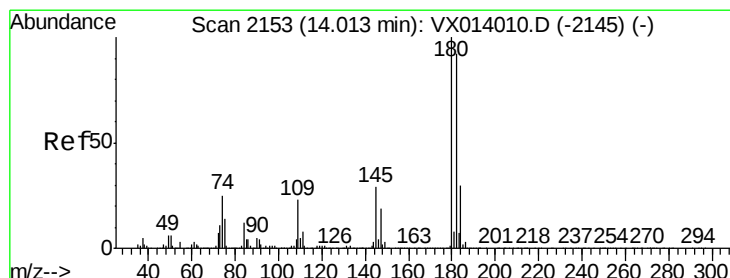
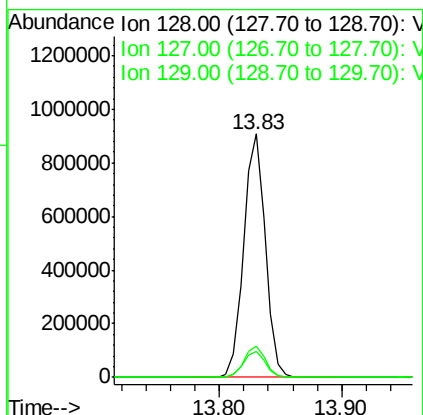
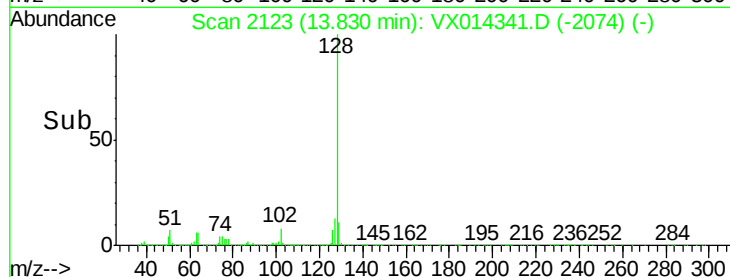
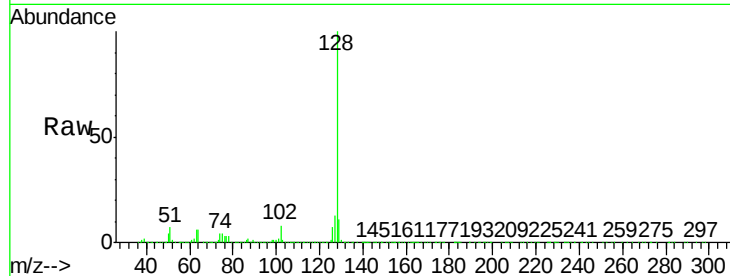




#95
Naphthalene
Concen: 52.649 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1102718
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.243 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion:180 Resp: 360603
Ion Ratio Lower Upper
180 100
182 96.2 46.8 140.3
145 30.4 14.8 44.4

