

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014288.D
 Acq On : 26 Dec 2019 22:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 27 06:07:33 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	450885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	720058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	652088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	272266	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	5.49	113	226830	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.71	98	867027	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	312211	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	169535	42.029	ug/l	97
3) Chloromethane	1.32	50	258970	47.839	ug/l	99
4) Vinyl Chloride	1.40	62	269940	47.258	ug/l	99
5) Bromomethane	1.63	94	193862	47.818	ug/l	99
6) Chloroethane	1.72	64	175505	49.783	ug/l	94
7) Trichlorofluoromethane	1.92	101	339814	48.058	ug/l	98
8) Diethyl Ether	2.18	74	169499	51.076	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203833	47.821	ug/l	99
10) Methyl Iodide	2.50	142	267755	47.758	ug/l	99
11) Tert butyl alcohol	3.03	59	270990	245.420	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209283	48.253	ug/l	97
13) Acrolein	2.28	56	169443	268.075	ug/l	98
14) Allyl chloride	2.72	41	401099	51.795	ug/l	98
15) Acrylonitrile	3.13	53	714676	277.302	ug/l	100
16) Acetone	2.43	43	613948	185.059	ug/l	99
17) Carbon Disulfide	2.56	76	526194	43.795	ug/l	99
18) Methyl Acetate	2.76	43	364884	55.505	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	760071	53.330	ug/l	98
20) Methylene Chloride	2.85	84	257708	49.329	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	233974	48.966	ug/l	98
22) Diisopropyl ether	3.84	45	851844	55.201	ug/l	97
23) Vinyl Acetate	3.80	43	3591582	285.199	ug/l	100
24) 1,1-Dichloroethane	3.69	63	448013	52.182	ug/l	99
25) 2-Butanone	4.65	43	986682	241.231	ug/l	98
26) 2,2-Dichloropropane	4.57	77	287917	43.192	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278971	51.623	ug/l	98
28) Bromochloromethane	5.00	49	193181	58.429	ug/l	97
29) Tetrahydrofuran	5.11	42	639890	279.703	ug/l	99
30) Chloroform	5.20	83	434461	53.380	ug/l	99
31) Cyclohexane	5.57	56	371270	48.620	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	350234	50.490	ug/l	99
36) 1,1-Dichloropropene	5.79	75	311028	47.076	ug/l	100
37) Ethyl Acetate	4.82	43	387428	53.102	ug/l	100
38) Carbon Tetrachloride	5.78	117	289734	48.138	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363204	44.521	ug/l	99
40) Benzene	6.14	78	1014014	49.881	ug/l	100
41) Methacrylonitrile	5.03	41	216895	53.579	ug/l	97
42) 1,2-Dichloroethane	6.19	62	345459	50.132	ug/l	100
43) Isopropyl Acetate	6.43	43	631855	52.330	ug/l	99
44) Trichloroethene	7.21	130	269913	48.070	ug/l	99
45) 1,2-Dichloropropane	7.51	63	273996	52.586	ug/l	94
46) Dibromomethane	7.65	93	170871	49.601	ug/l	99
47) Bromodichloromethane	7.89	83	340495	52.481	ug/l	99
48) Methyl methacrylate	7.76	41	309099	52.279	ug/l	99
49) 1,4-Dioxane	7.73	88	112590	935.748	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1985745	261.870	ug/l	99
52) Toluene	8.78	92	632490	49.224	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	361366	50.796	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	405072	51.110	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	265377	51.531	ug/l	98
56) Ethyl methacrylate	9.17	69	422791	52.264	ug/l	100
57) 1,3-Dichloropropane	9.37	76	445630	51.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	840709	274.619	ug/l	99
59) 2-Hexanone	9.48	43	1486315	243.487	ug/l	99
60) Dibromochloromethane	9.57	129	267005	52.160	ug/l	98
61) 1,2-Dibromoethane	9.67	107	270219	51.284	ug/l	100
64) Tetrachloroethene	9.33	164	274499	47.572	ug/l	96
65) Chlorobenzene	10.14	112	676008	48.757	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	254163	51.340	ug/l	99
67) Ethyl Benzene	10.25	91	1190267	49.933	ug/l	100
68) m/p-Xylenes	10.36	106	905293	98.744	ug/l	100
69) o-Xylene	10.70	106	443925	49.371	ug/l	99
70) Styrene	10.71	104	767270	50.463	ug/l	100
71) Bromoform	10.85	173	202986	51.009	ug/l	99
73) Isopropylbenzene	11.01	105	1147454	50.719	ug/l	100
74) N-amyl acetate	10.89	43	553780	52.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	400482	51.059	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	455881	65.350	ug/l	90
77) Bromobenzene	11.25	156	306305	49.208	ug/l	98
78) n-propylbenzene	11.35	91	1285583	50.660	ug/l	100
79) 2-Chlorotoluene	11.42	91	783206	50.772	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	959081	50.371	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	123689	50.046	ug/l	97
82) 4-Chlorotoluene	11.51	91	887769	49.614	ug/l	99
83) tert-Butylbenzene	11.76	119	911022	49.166	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	967477	50.739	ug/l	99
85) sec-Butylbenzene	11.94	105	1089734	49.818	ug/l	100
86) p-Isopropyltoluene	12.06	119	1008055	50.379	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	530392	48.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	523288	47.174	ug/l	99
89) n-Butylbenzene	12.39	91	851108	49.850	ug/l	100
90) Hexachloroethane	12.59	117	177751	49.457	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	544919	49.619	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83447	48.076	ug/l	99

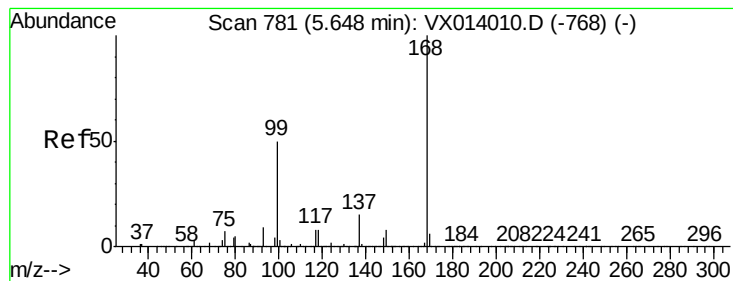
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	350271	49.072	ug/l	98
94) Hexachlorobutadiene	13.78	225	154294	44.978	ug/l	96
95) Naphthalene	13.83	128	1096964	52.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360212	51.122	ug/l	100

(#) = 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: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

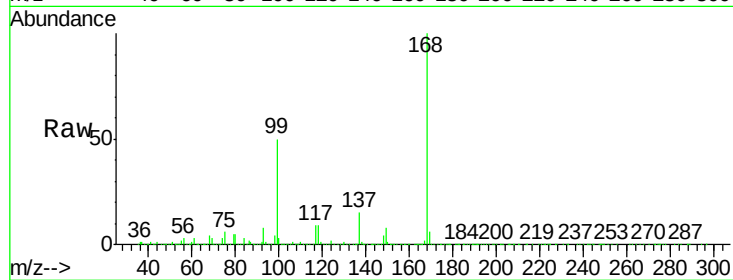
VSTDCCC050

Tgt Ion:168 Resp: 450885

Ion Ratio Lower Upper

168 100

99 49.4 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

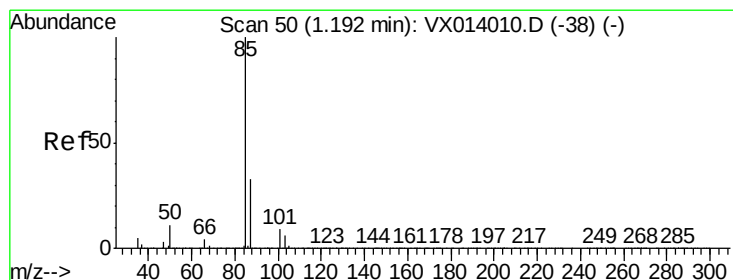
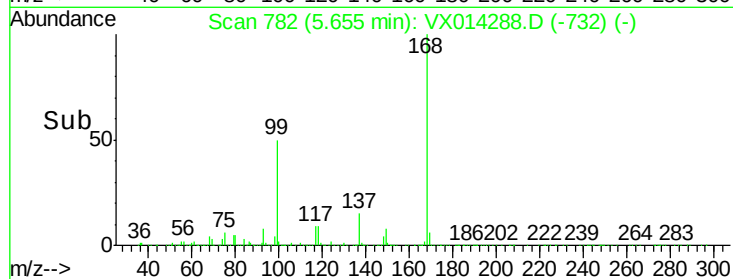
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.029 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014288.D

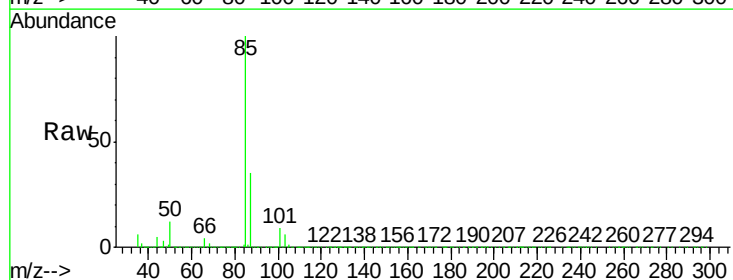
Acq: 26 Dec 2019 22:56

Tgt Ion: 85 Resp: 169535

Ion Ratio Lower Upper

85 100

87 34.4 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

150000

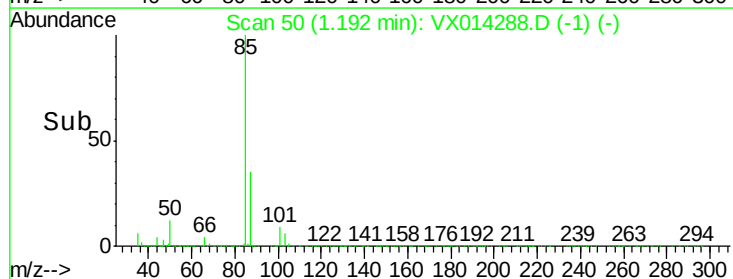
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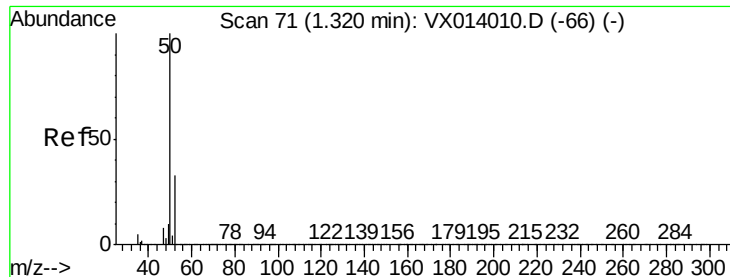
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.839 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

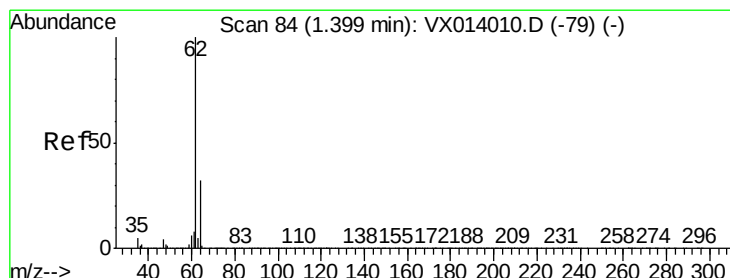
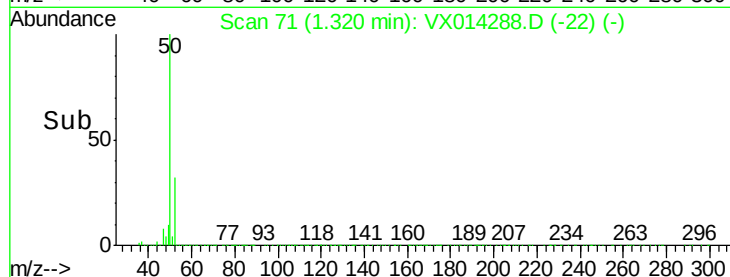
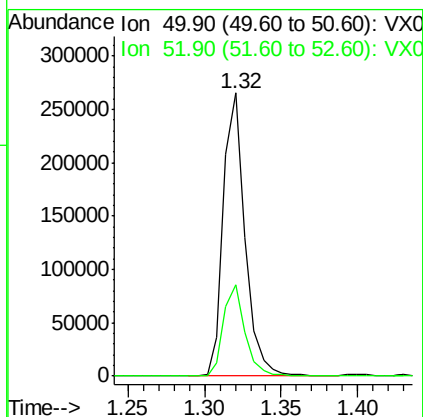
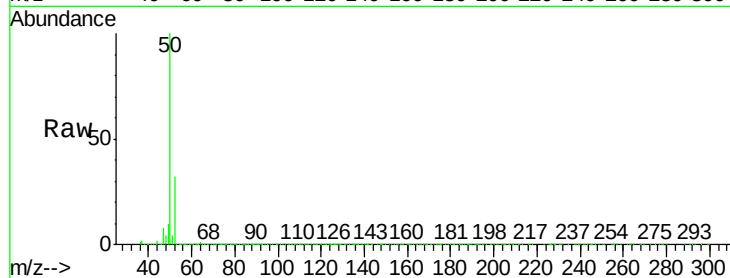
VSTDCCC050

Tgt Ion: 50 Resp: 258970

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



#4

Vinyl Chloride

Concen: 47.258 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014288.D

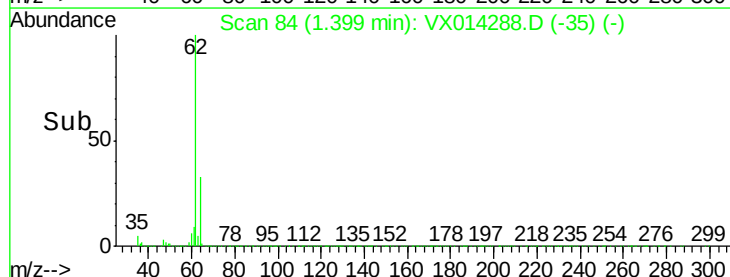
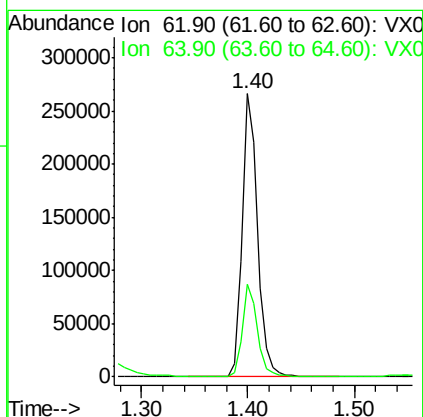
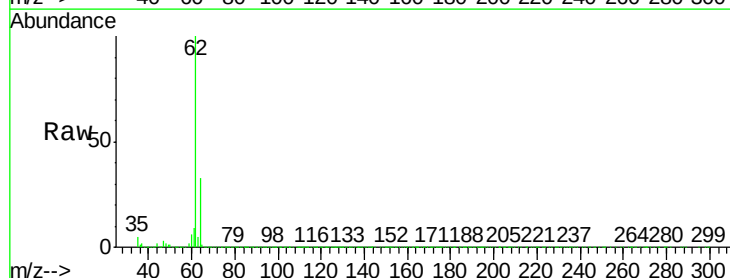
Acq: 26 Dec 2019 22:56

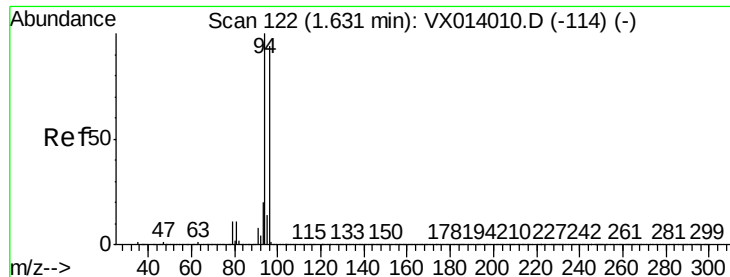
Tgt Ion: 62 Resp: 269940

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 47.818 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

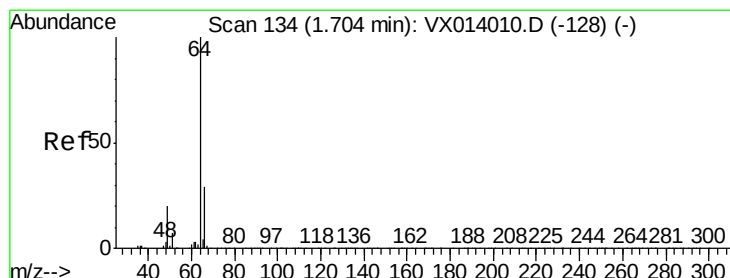
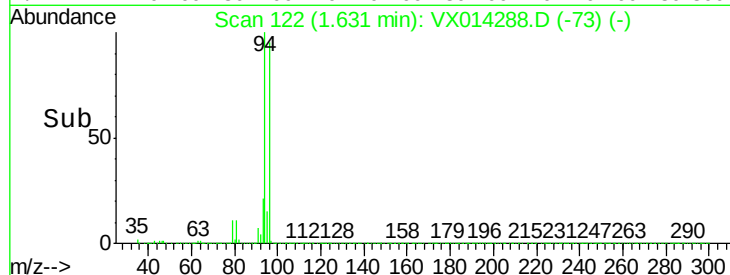
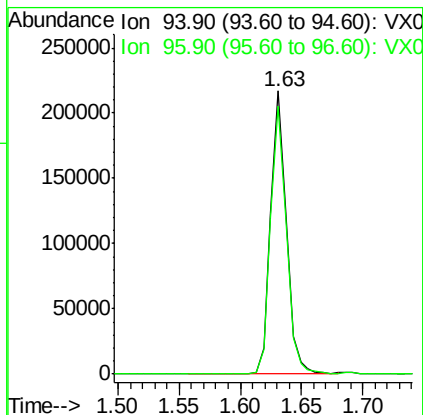
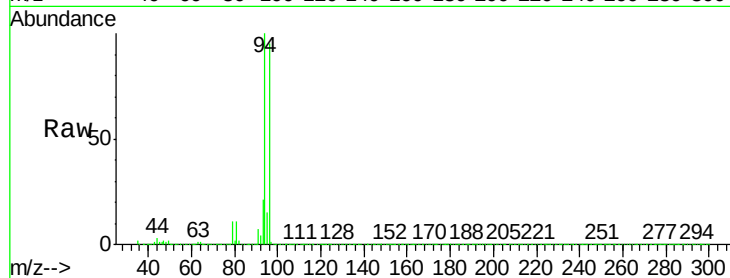
VSTDCCC050

Tgt Ion: 94 Resp: 193862

Ion Ratio Lower Upper

94 100

96 94.7 75.2 112.8



#6

Chloroethane

Concen: 49.783 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014288.D

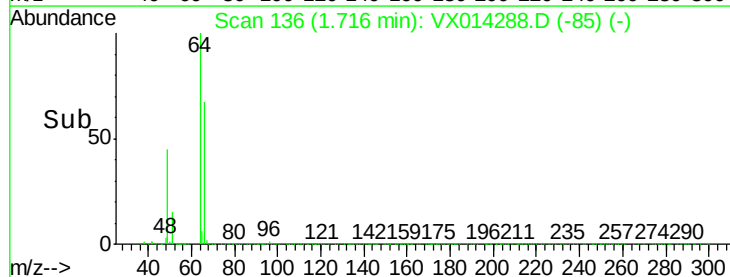
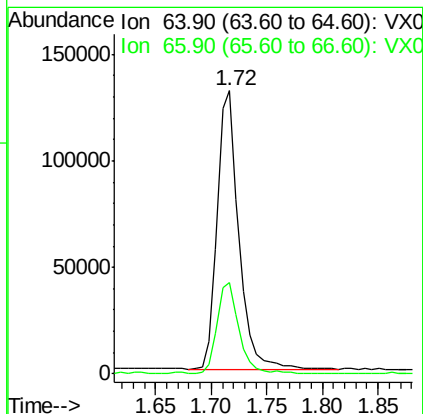
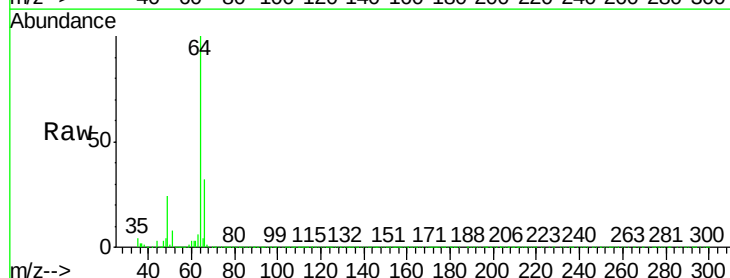
Acq: 26 Dec 2019 22:56

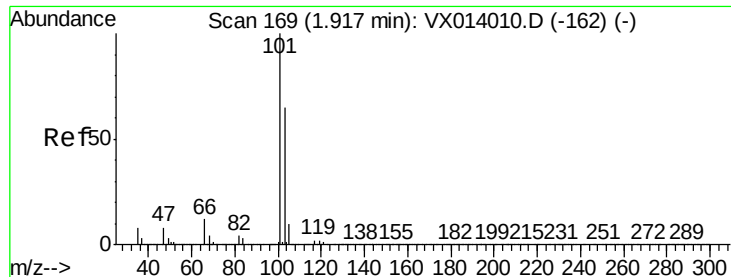
Tgt Ion: 64 Resp: 175505

Ion Ratio Lower Upper

64 100

66 32.8 23.4 35.2



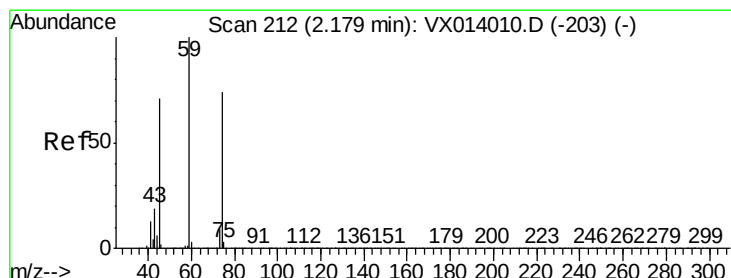
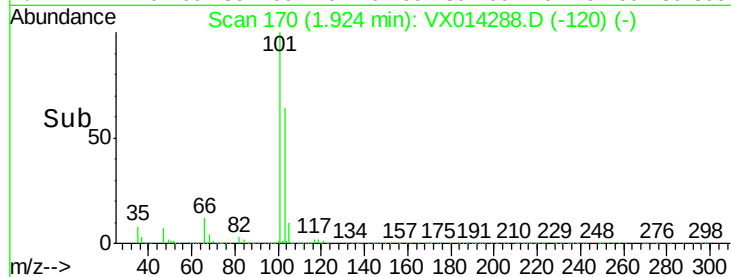
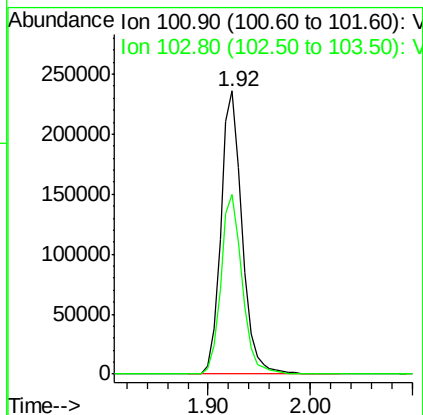
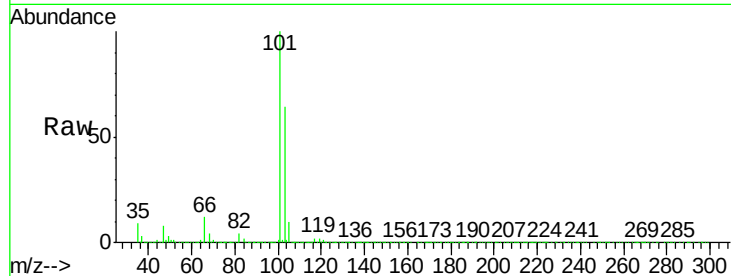


#7

Trichlorofluoromethane
Concen: 48.058 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

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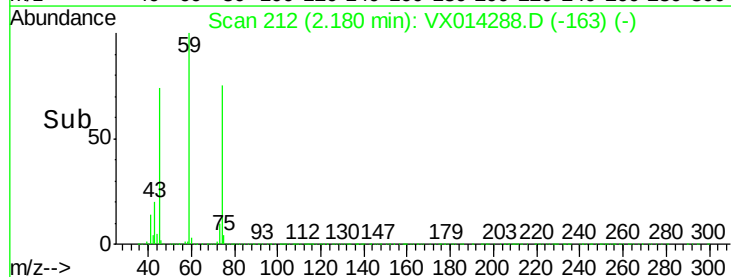
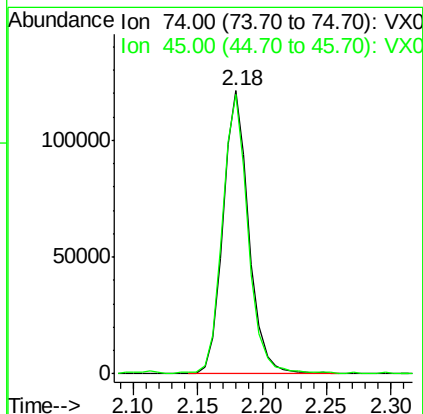
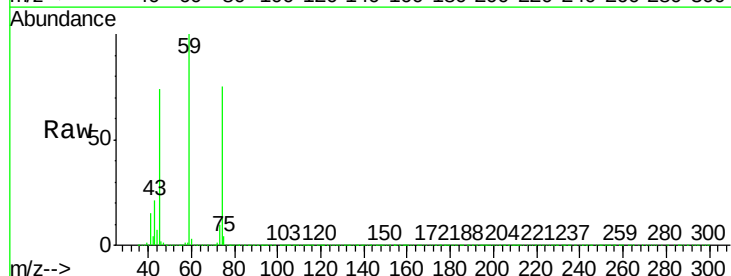
Tgt Ion:101 Resp: 339814
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

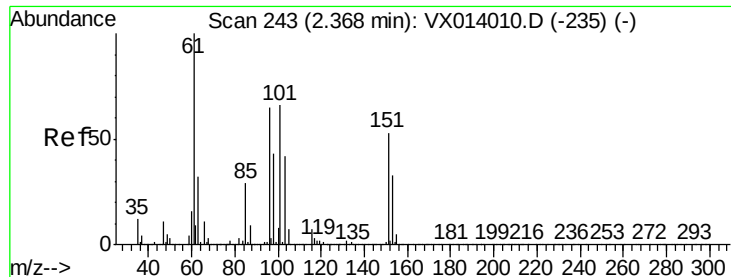


#8

Diethyl Ether
Concen: 51.076 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 74 Resp: 169499
Ion Ratio Lower Upper
74 100
45 97.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.821 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

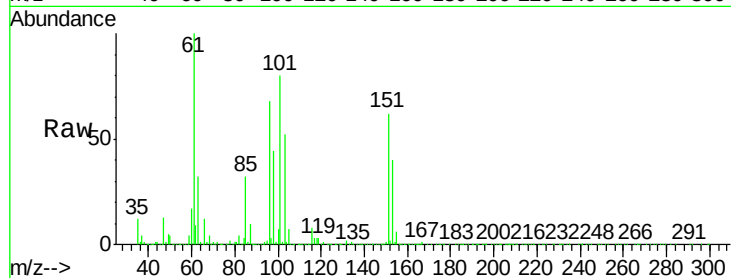
Tgt Ion:101 Resp: 203833

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

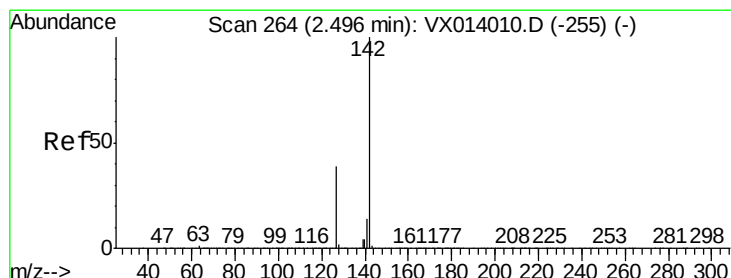
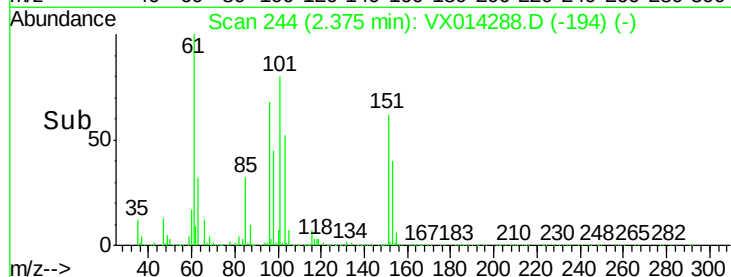
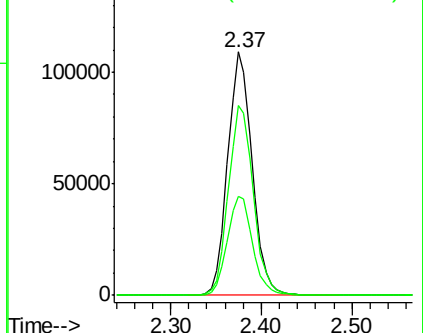
151 80.1 64.5 96.7



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: 47.758 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

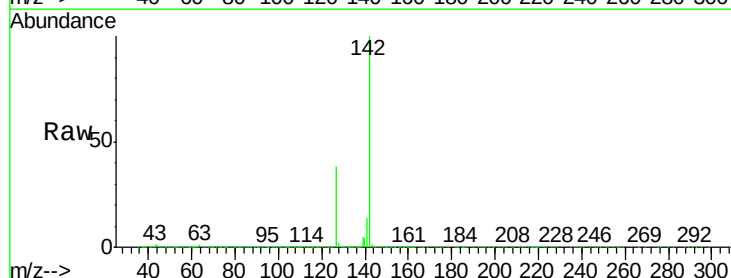
Tgt Ion:142 Resp: 267755

Ion Ratio Lower Upper

142 100

127 38.5 31.6 47.4

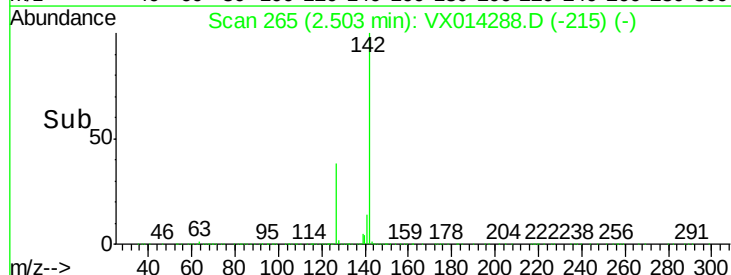
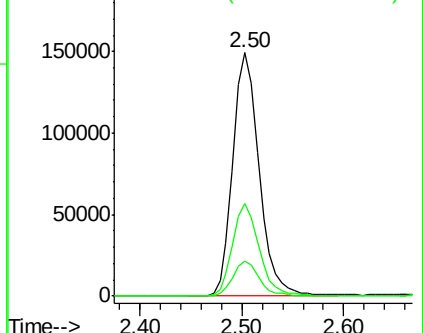
141 14.3 11.6 17.4

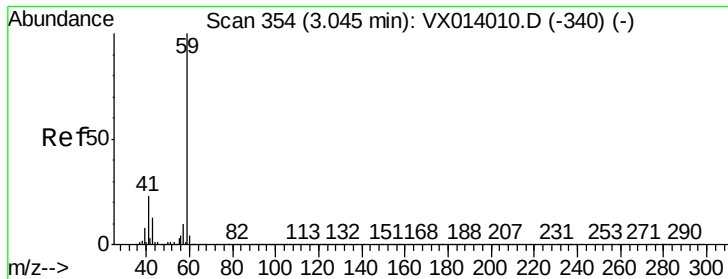


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



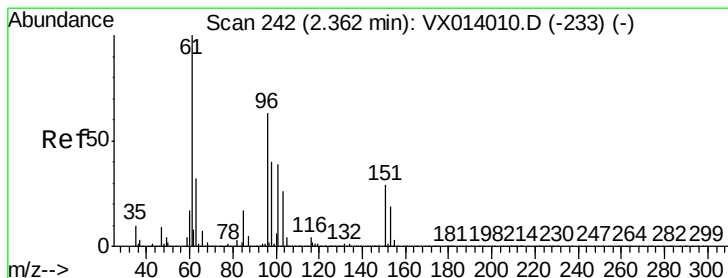
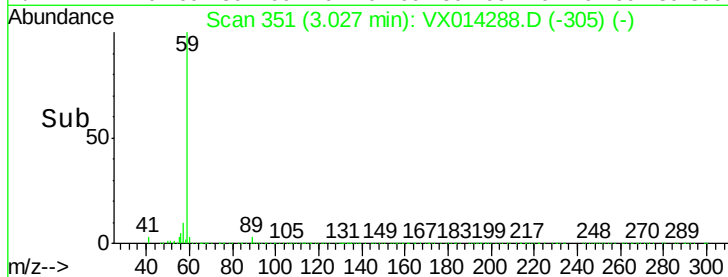
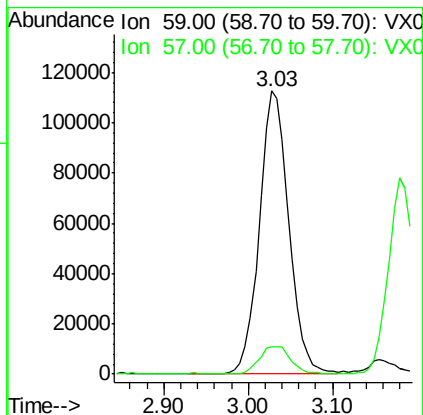
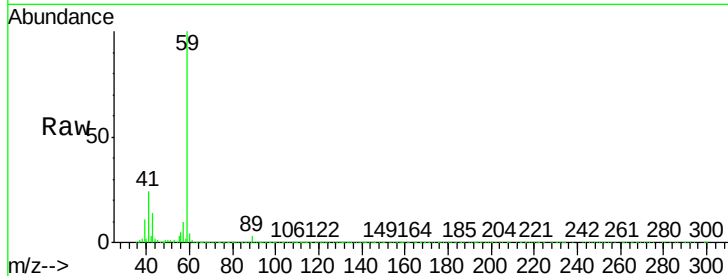


#11

Tert butyl alcohol
Concen: 245.420 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

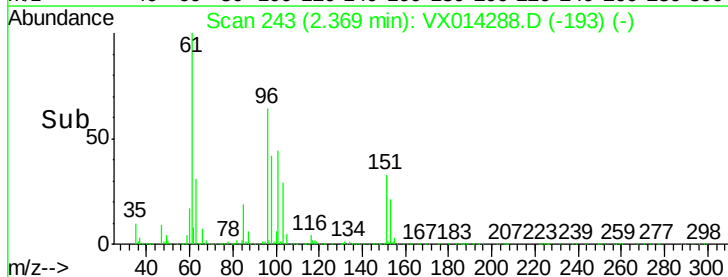
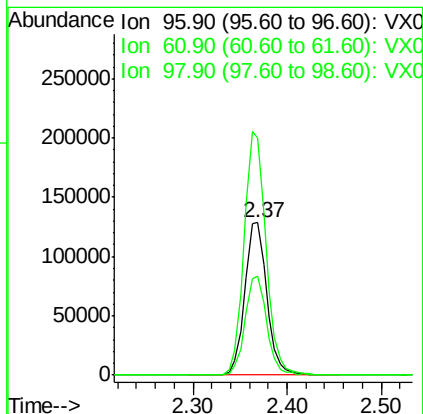
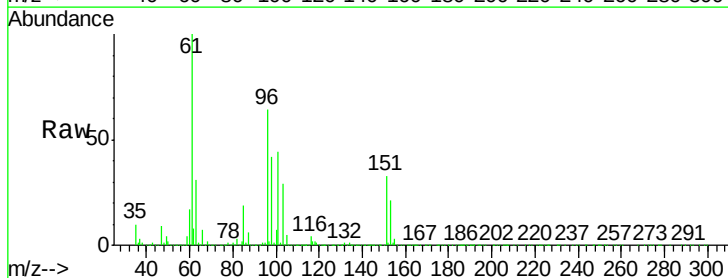
Tgt Ion: 59 Resp: 270990
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

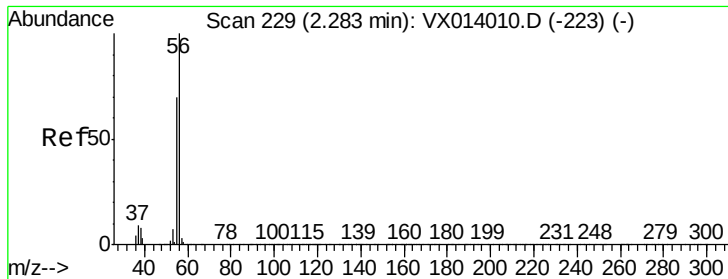


#12

1,1-Dichloroethene
Concen: 48.253 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 96 Resp: 209283
Ion Ratio Lower Upper
96 100
61 155.4 127.9 191.9
98 64.8 50.5 75.7

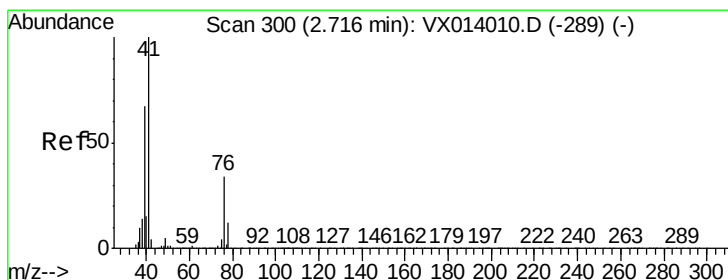
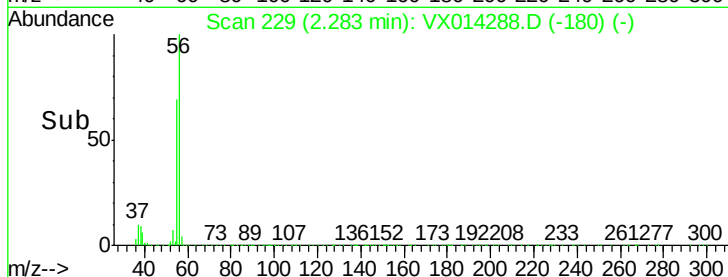
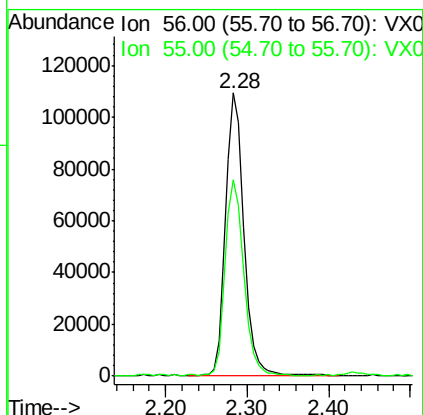
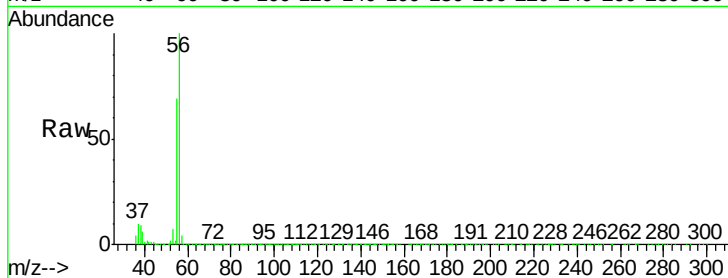




#13
Acrolein
Concen: 268.075 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

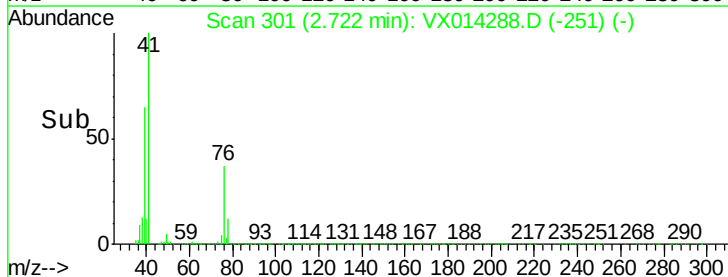
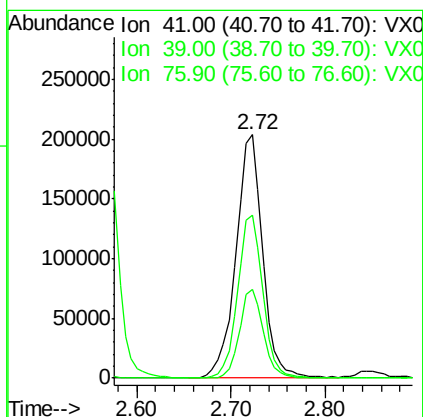
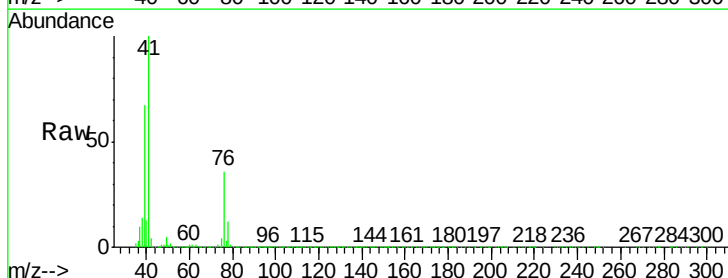
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

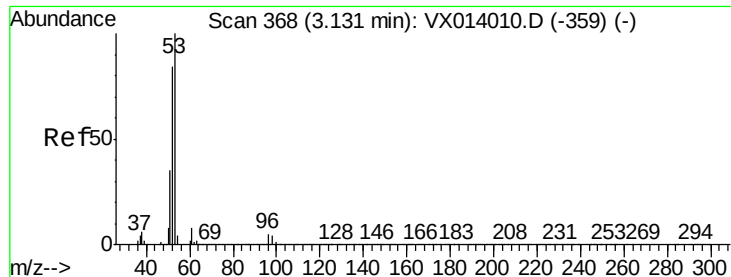
Tgt Ion: 56 Resp: 169443
Ion Ratio Lower Upper
56 100
55 69.8 56.9 85.3



#14
Allyl chloride
Concen: 51.795 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 41 Resp: 401099
Ion Ratio Lower Upper
41 100
39 62.9 51.8 77.8
76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 277.302 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

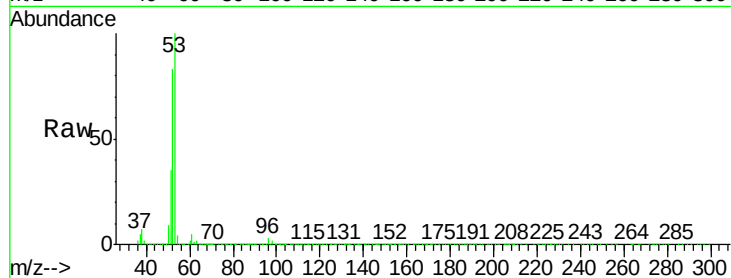
MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 714676

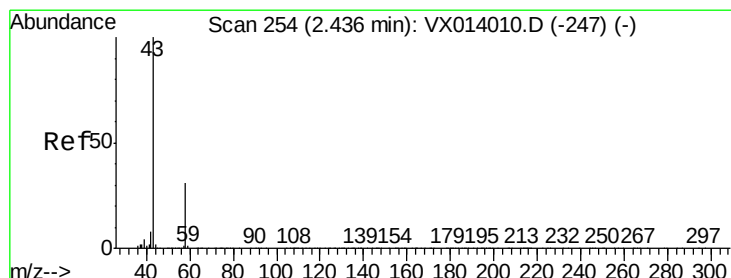
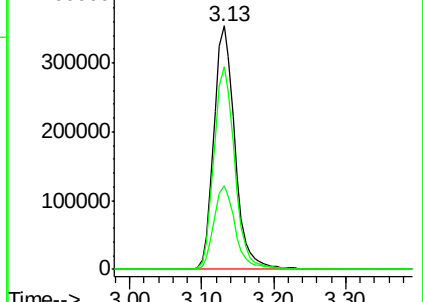
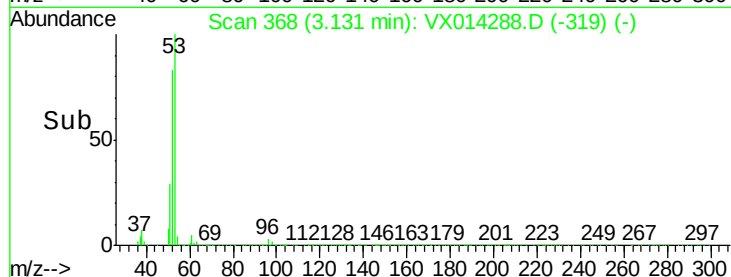
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	35.2	28.1	42.1



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: 185.059 ug/l

RT: 2.43 min Scan# 253

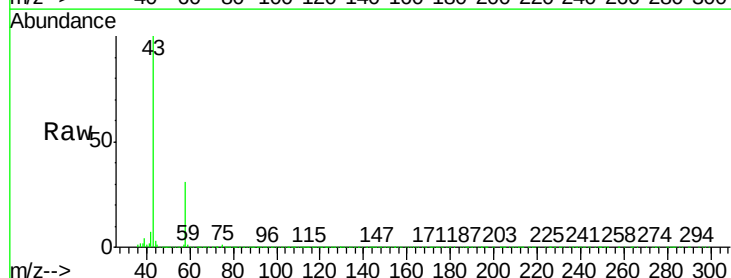
Delta R.T. -0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

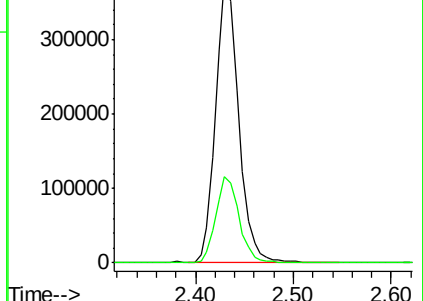
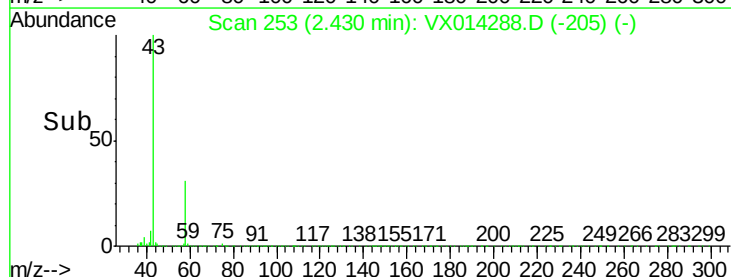
Tgt Ion: 43 Resp: 613948

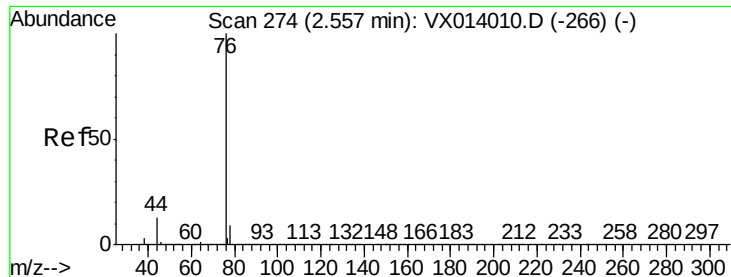
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.795 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

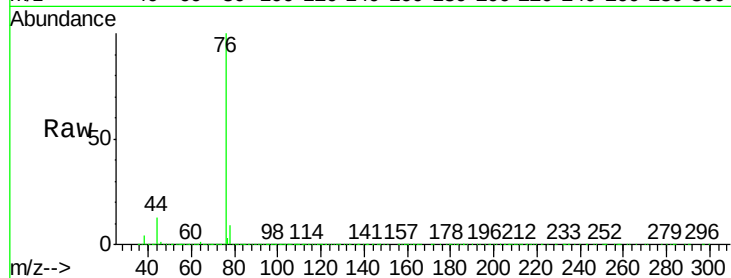
VSTDCCC050

Tgt Ion: 76 Resp: 526194

Ion Ratio Lower Upper

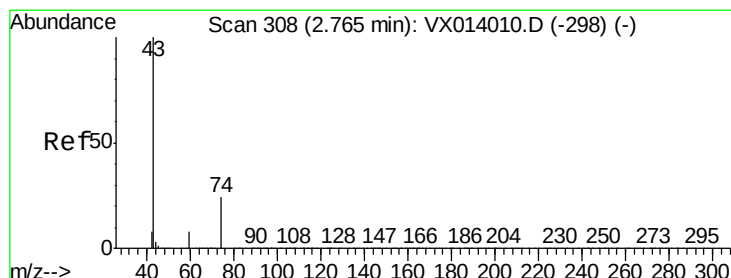
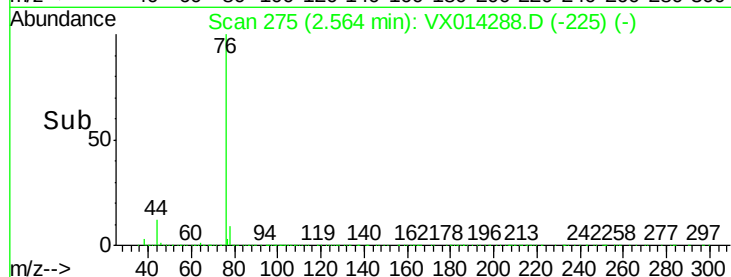
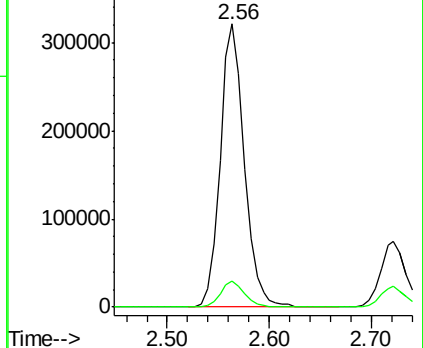
76 100

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: 55.505 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014288.D

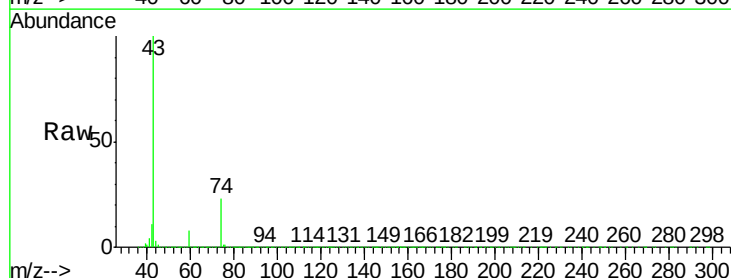
Acq: 26 Dec 2019 22:56

Tgt Ion: 43 Resp: 364884

Ion Ratio Lower Upper

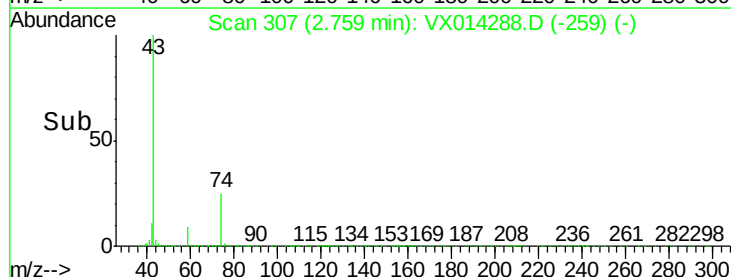
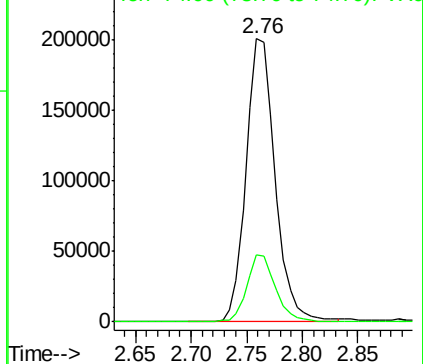
43 100

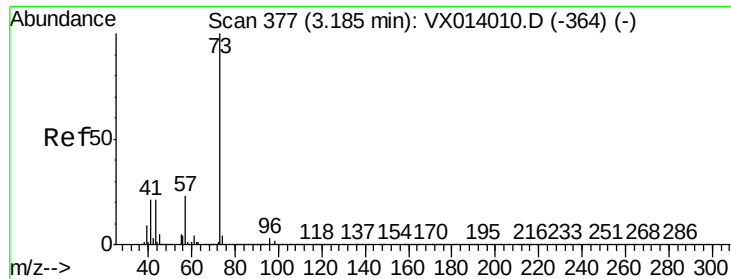
74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

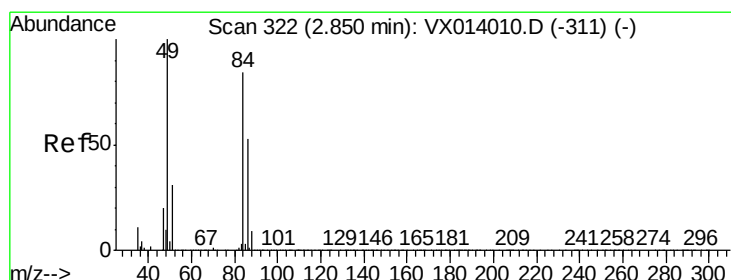
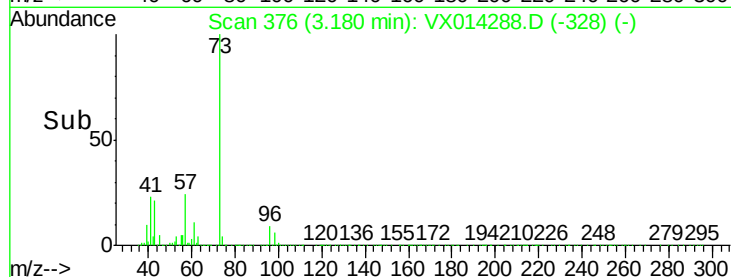
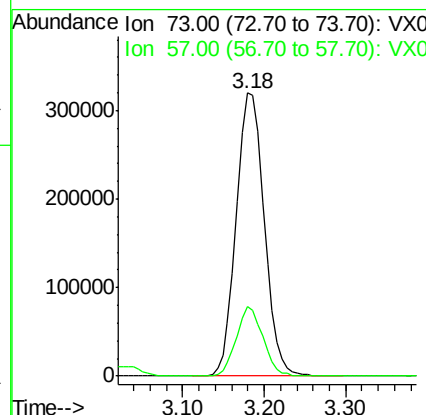
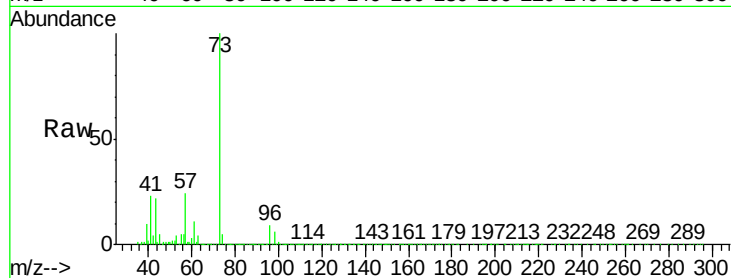




#19
Methyl tert-butyl Ether
Concen: 53.330 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

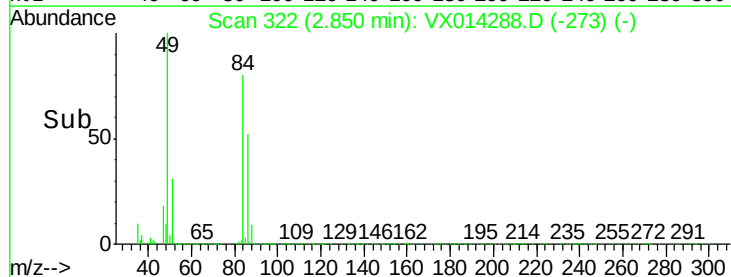
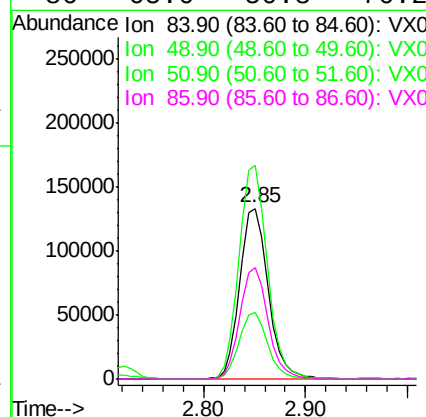
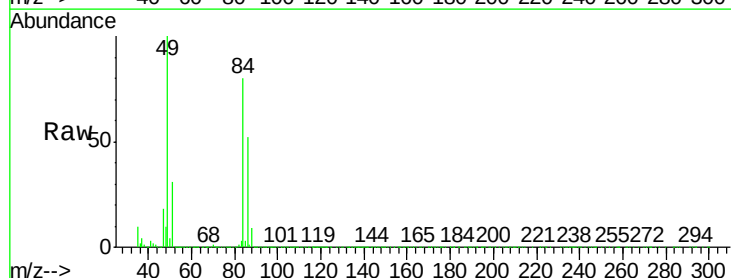
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

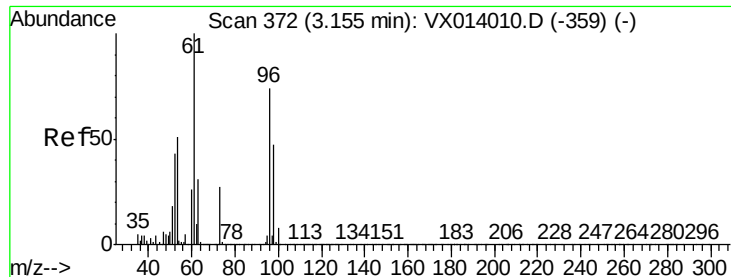
Tgt Ion: 73 Resp: 760071
Ion Ratio Lower Upper
73 100
57 24.3 18.8 28.2



#20
Methylene Chloride
Concen: 49.329 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 84 Resp: 257708
Ion Ratio Lower Upper
84 100
49 124.9 95.8 143.6
51 38.7 29.8 44.8
86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.966 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

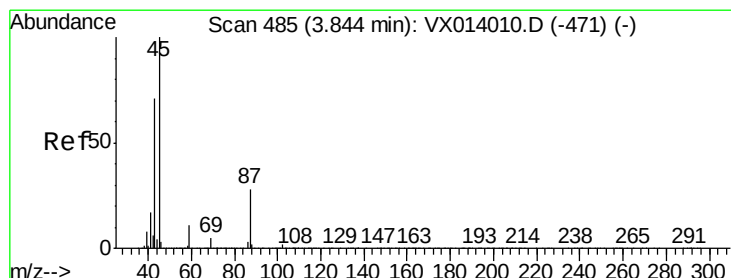
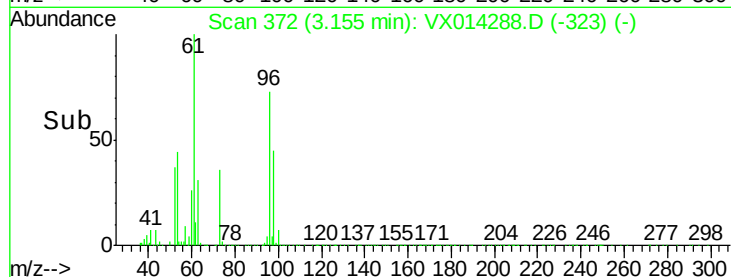
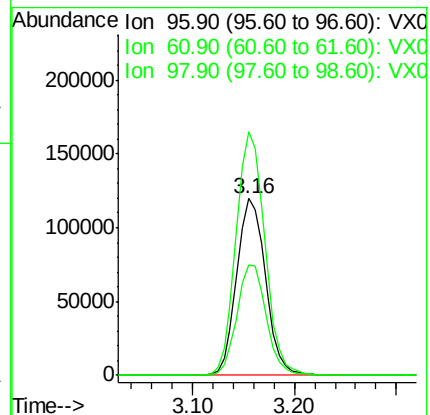
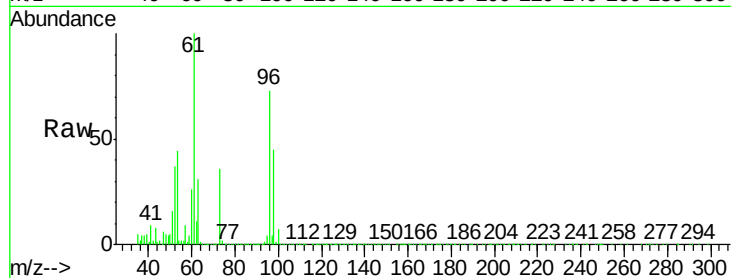
Tgt Ion: 96 Resp: 233974

Ion Ratio Lower Upper

96 100

61 137.7 108.3 162.5

98 62.3 50.8 76.2



#22

Diisopropyl ether

Concen: 55.201 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Tgt Ion: 45 Resp: 851844

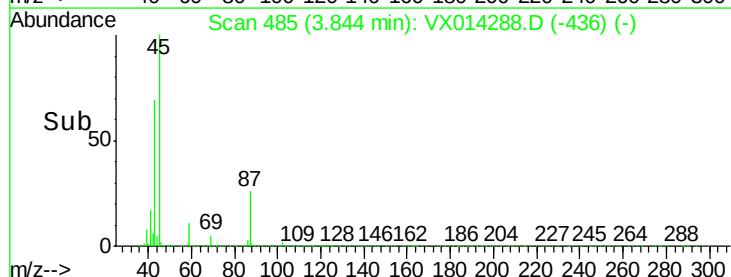
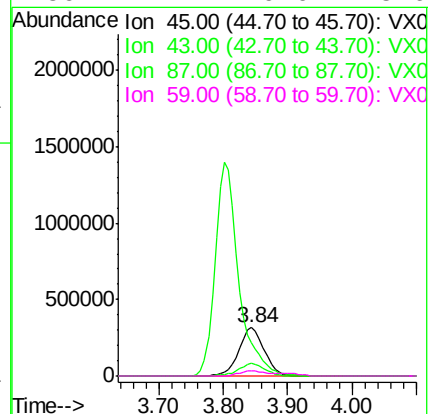
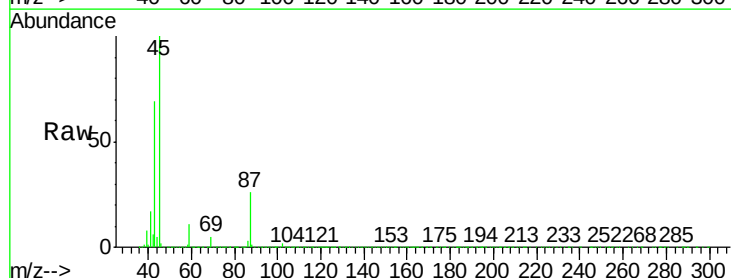
Ion Ratio Lower Upper

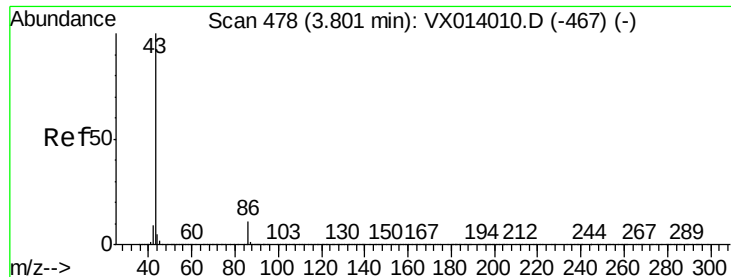
45 100

43 69.0 57.4 86.0

87 25.9 21.9 32.9

59 11.2 9.0 13.6





#23

Vinyl Acetate

Concen: 285.199 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

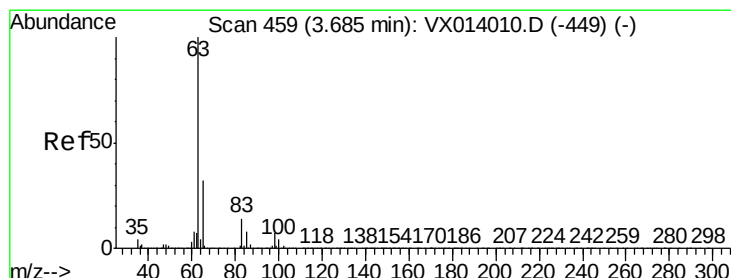
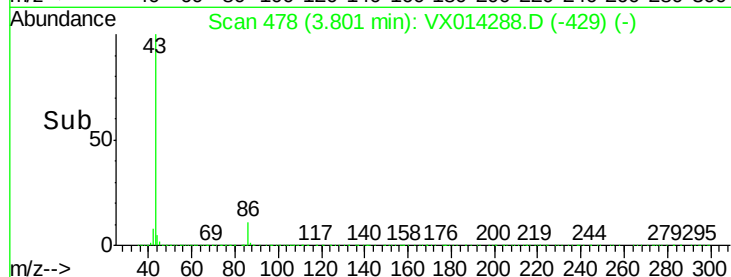
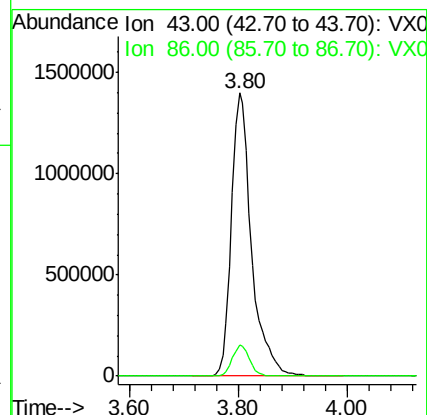
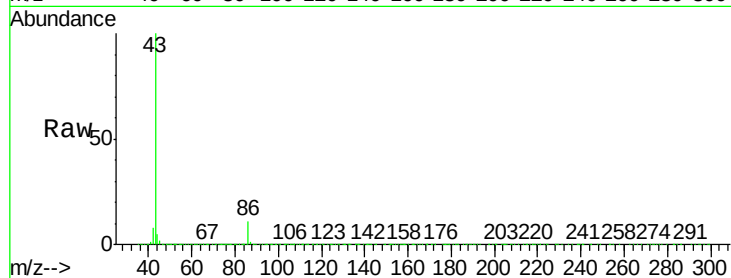
VSTDCCC050

Tgt Ion: 43 Resp: 3591582

Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 52.182 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

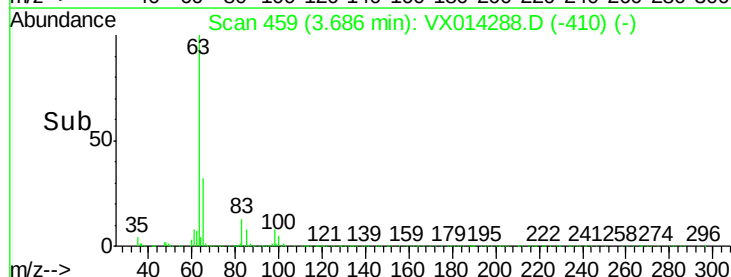
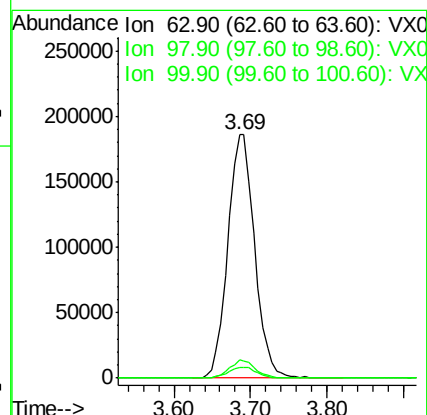
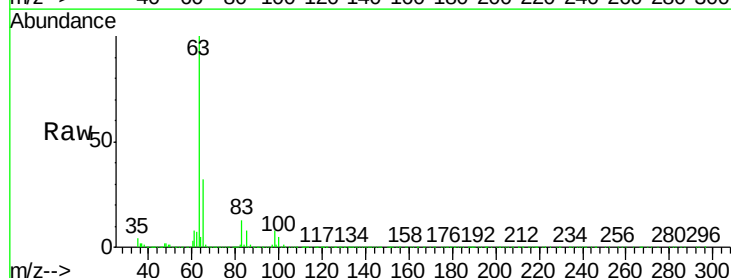
Tgt Ion: 63 Resp: 448013

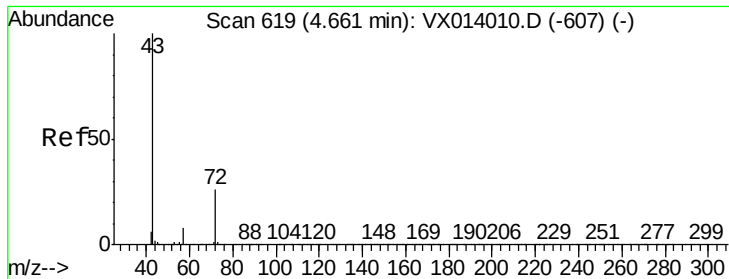
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 241.231 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

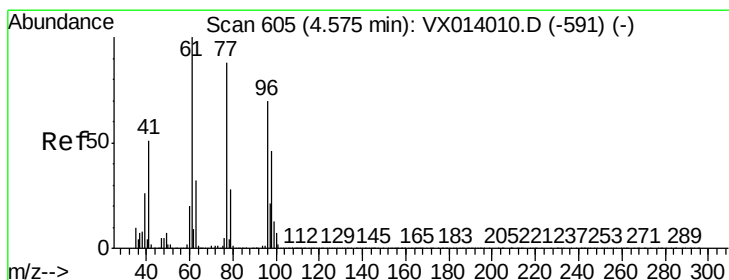
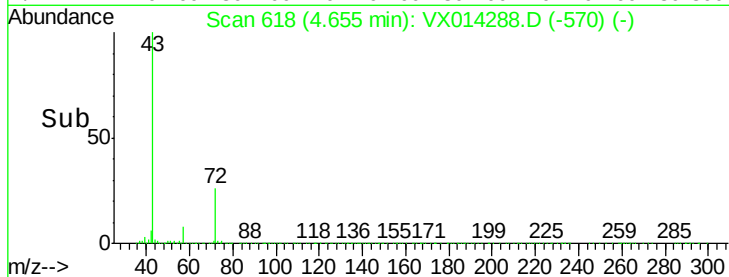
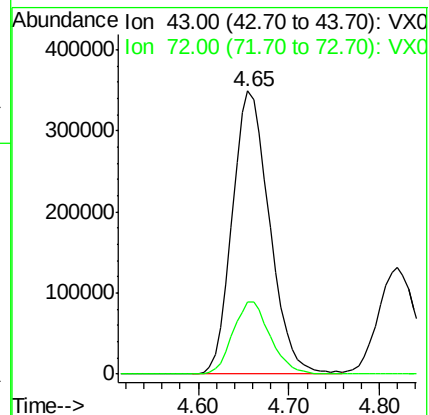
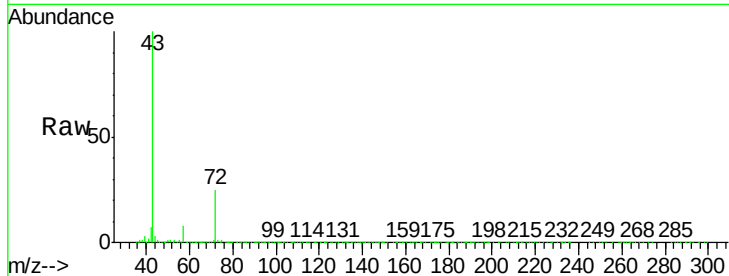
VSTDCCC050

Tgt Ion: 43 Resp: 986682

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 43.192 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014288.D

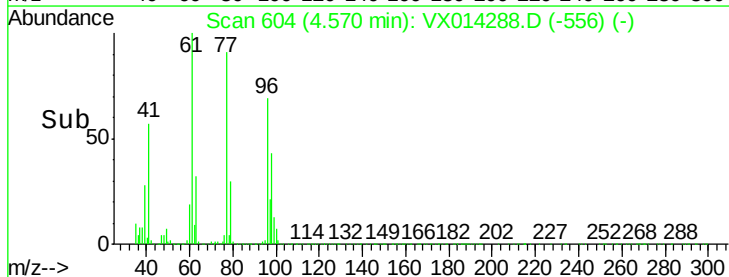
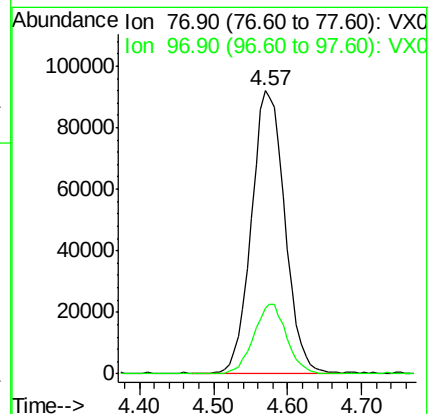
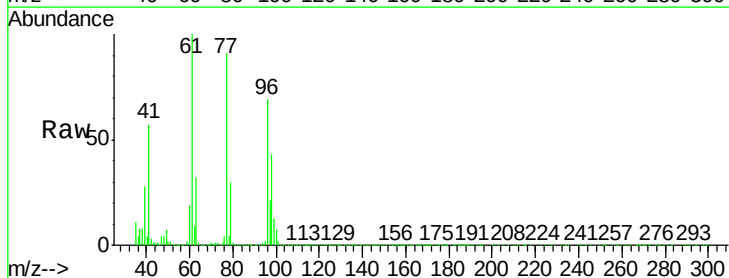
Acq: 26 Dec 2019 22:56

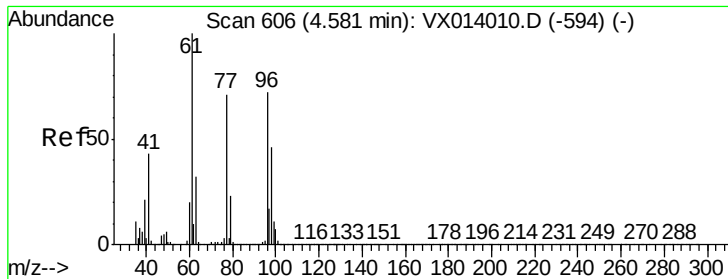
Tgt Ion: 77 Resp: 287917

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.9



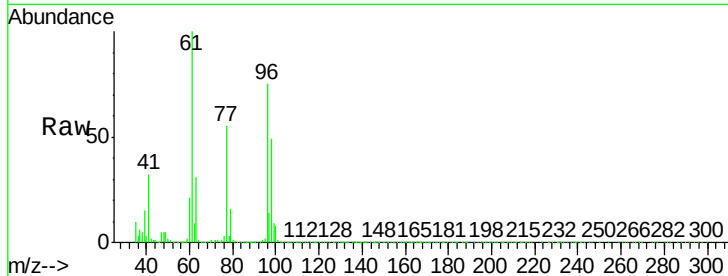


#27

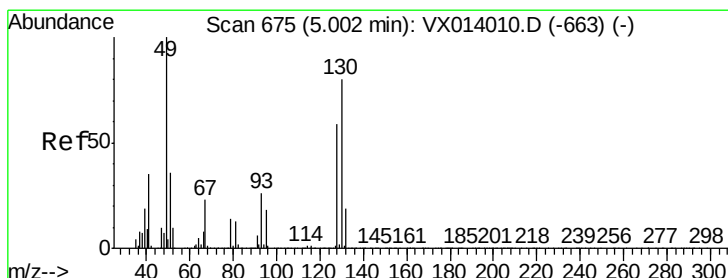
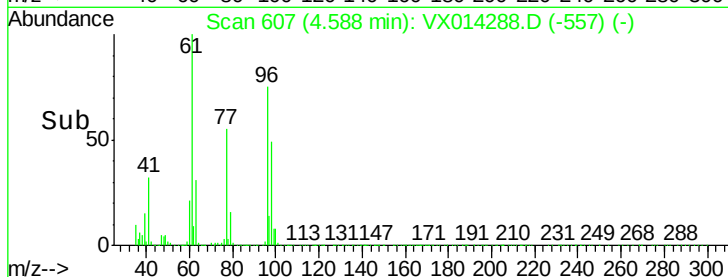
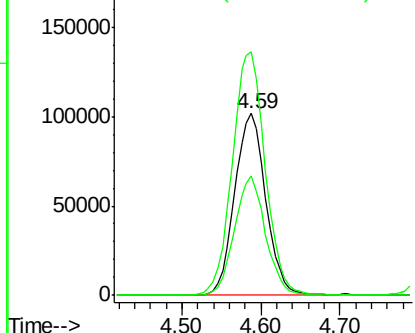
cis-1,2-Dichloroethene
Concen: 51.623 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 278971
Ion Ratio Lower Upper
96 100
61 141.1 0.0 288.4
98 64.7 0.0 129.6



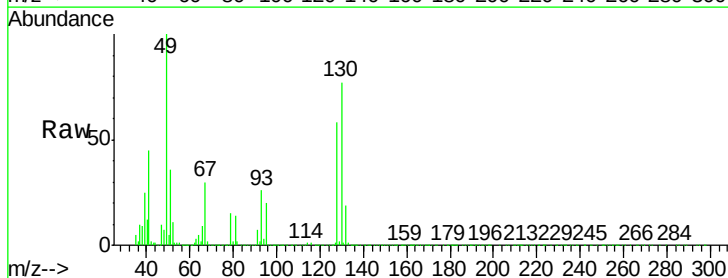
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



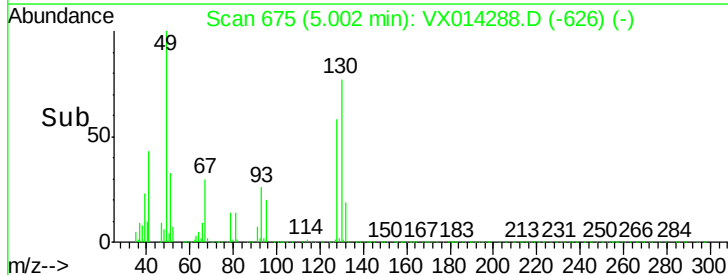
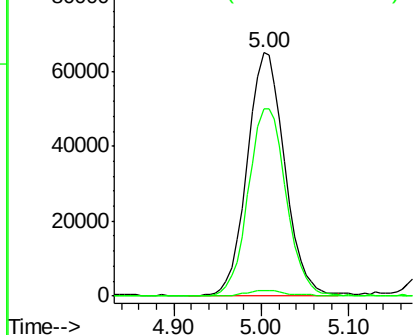
#28

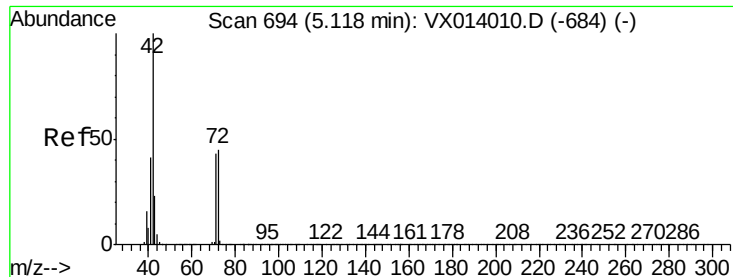
Bromochloromethane
Concen: 58.429 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 49 Resp: 193181
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 78.0 64.6 97.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 279.703 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

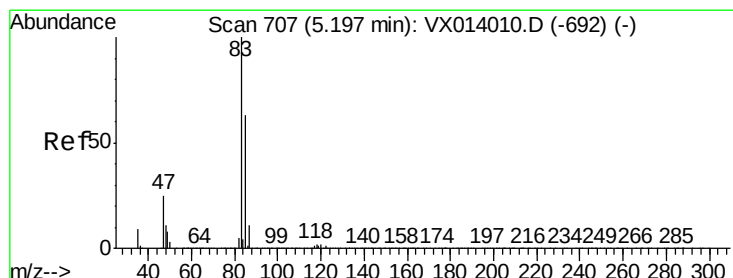
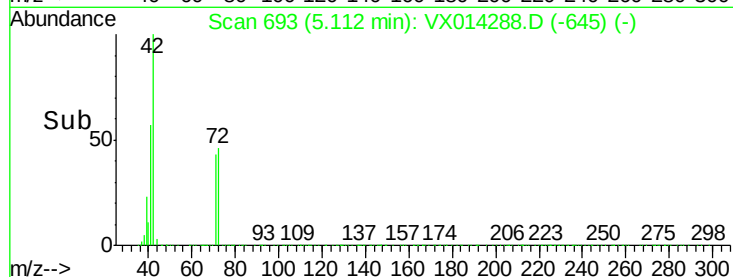
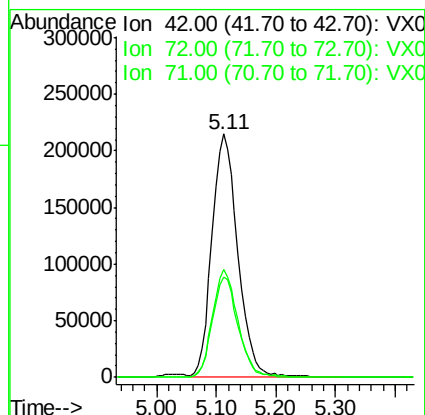
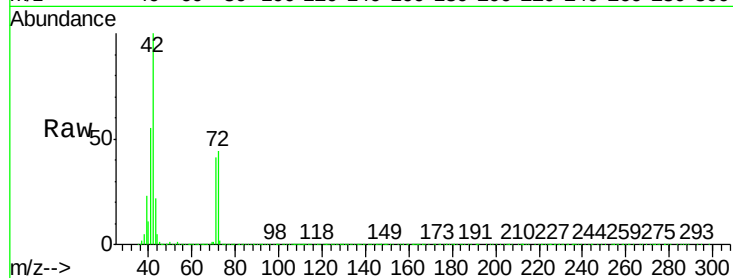
Tgt Ion: 42 Resp: 639890

Ion Ratio Lower Upper

42 100

72 43.9 35.8 53.8

71 41.1 33.6 50.4



#30

Chloroform

Concen: 53.380 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014288.D

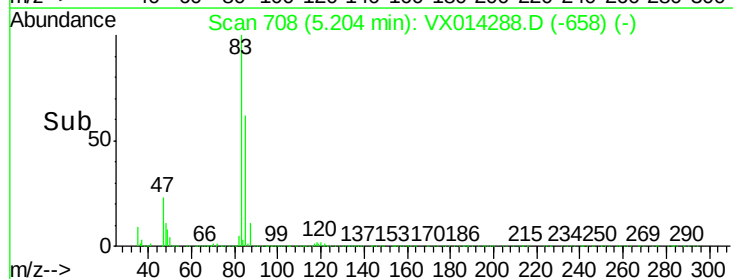
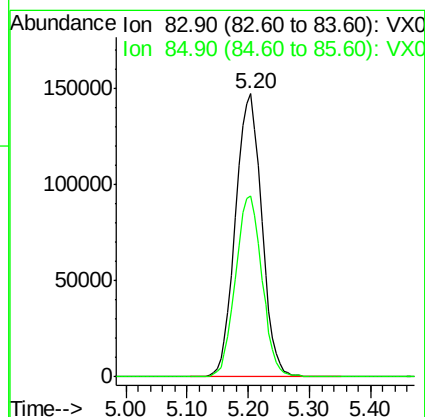
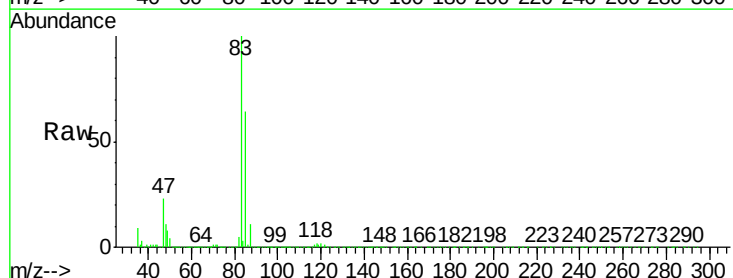
Acq: 26 Dec 2019 22:56

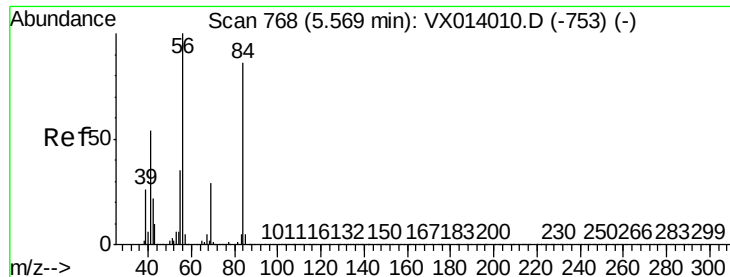
Tgt Ion: 83 Resp: 434461

Ion Ratio Lower Upper

83 100

85 63.9 50.8 76.2

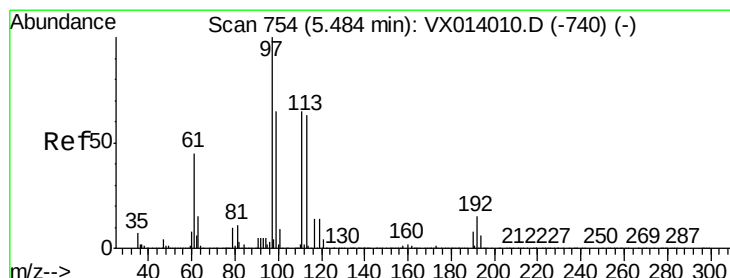
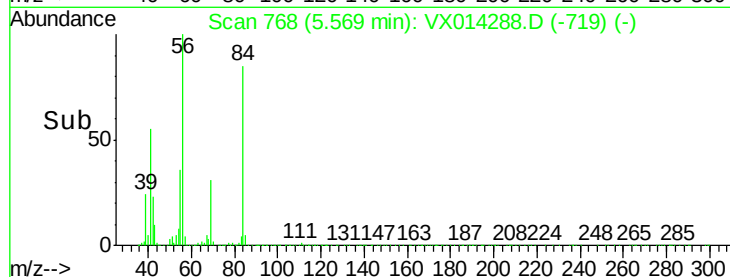
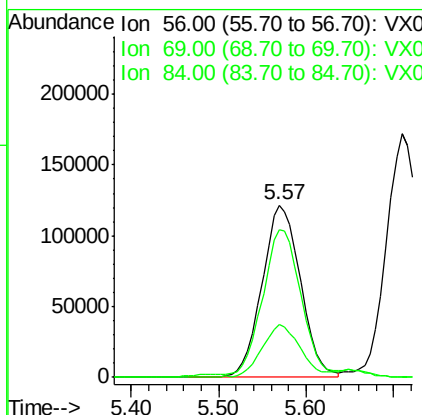
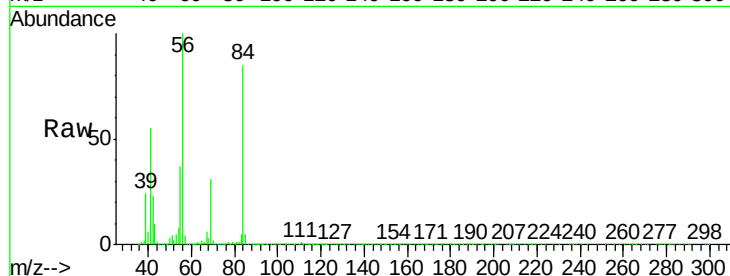




#31
Cyclohexane
Concen: 48.620 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

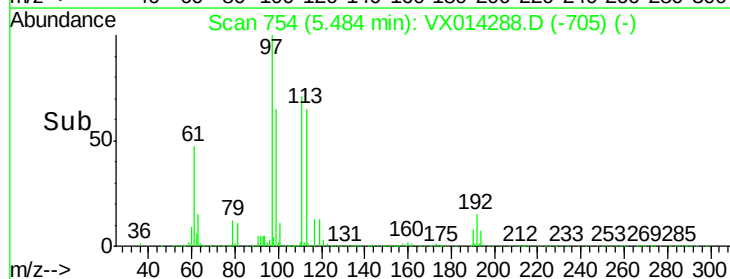
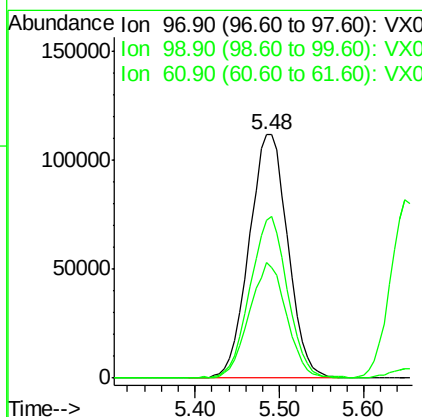
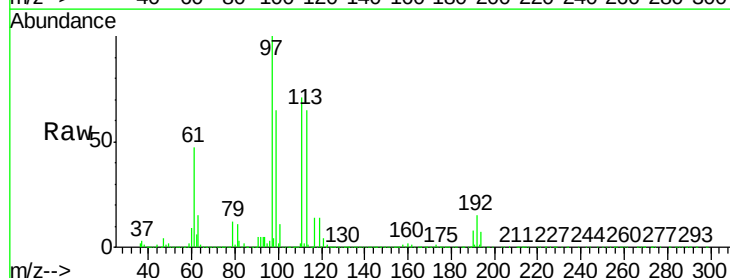
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

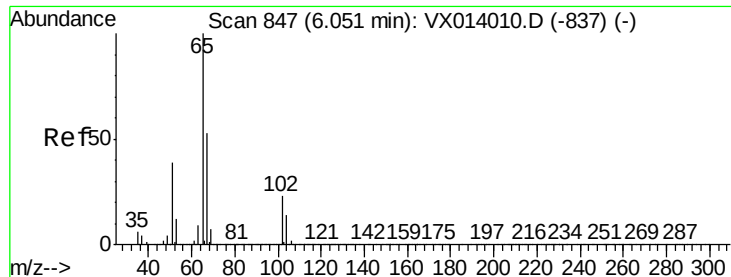
Tgt Ion: 56 Resp: 371270
Ion Ratio Lower Upper
56 100
69 30.6 23.2 34.8
84 84.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.490 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 97 Resp: 350234
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 45.6 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 53.279 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

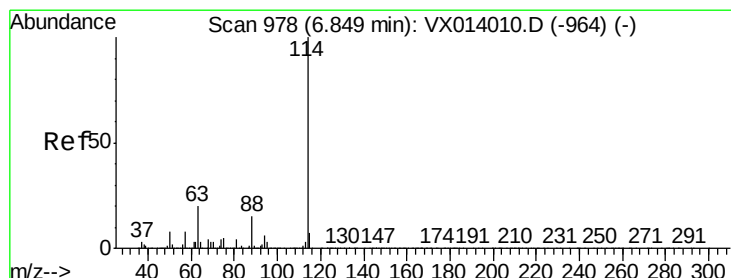
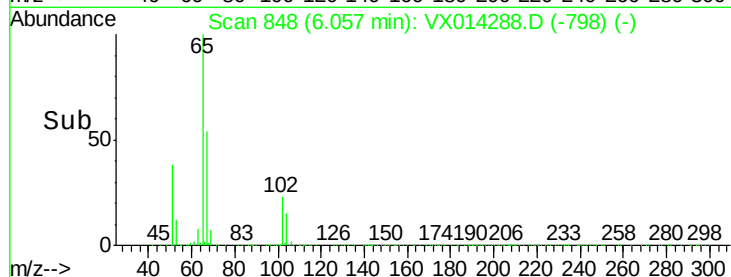
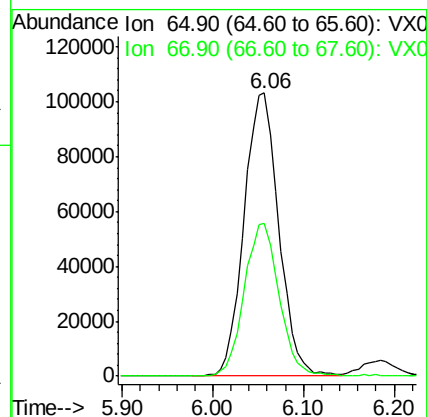
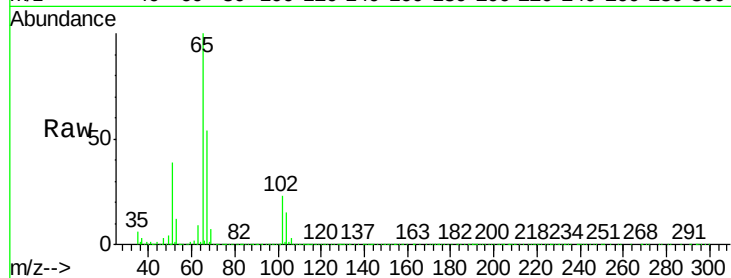
VSTDCCC050

Tgt Ion: 65 Resp: 272266

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

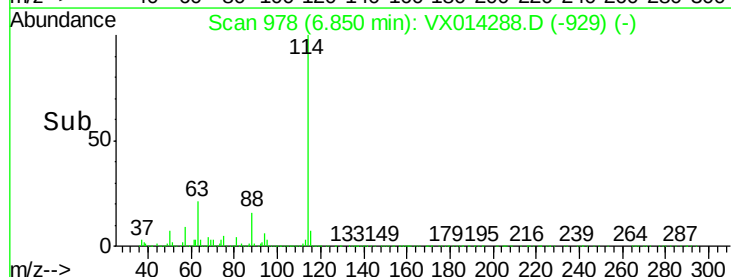
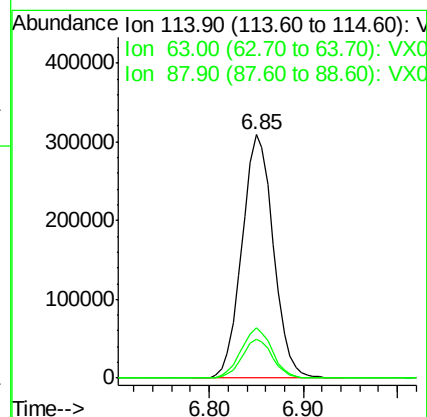
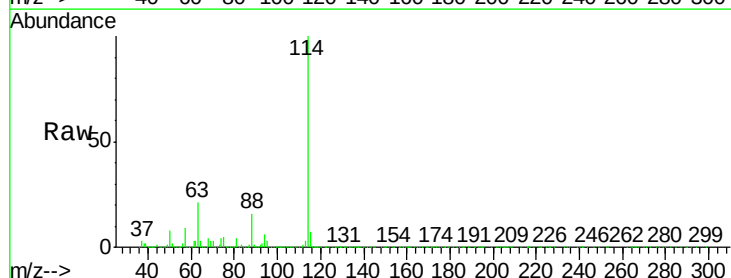
Tgt Ion: 114 Resp: 720058

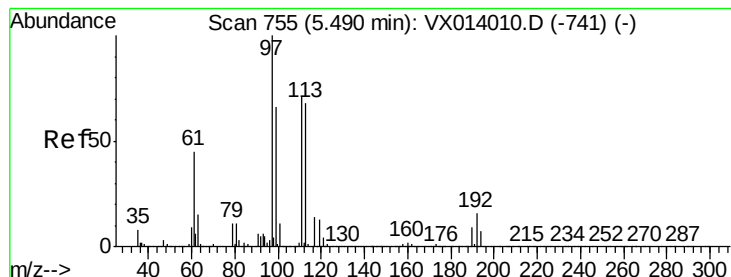
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.821 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

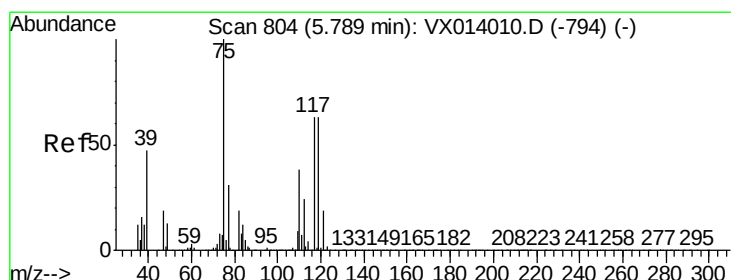
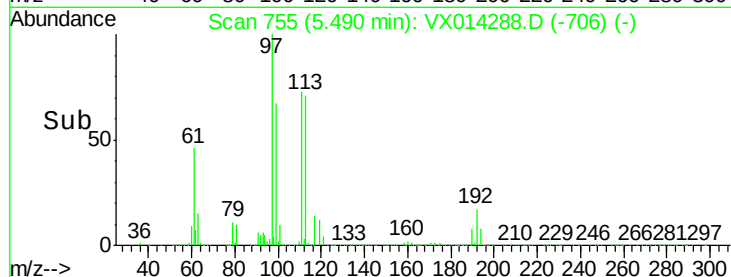
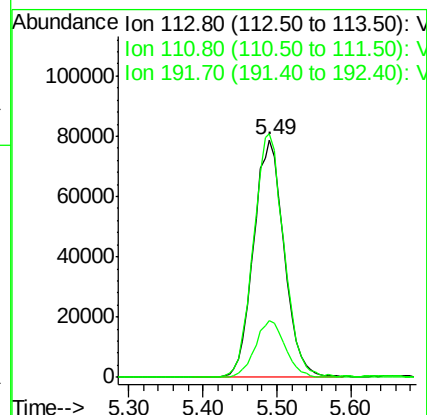
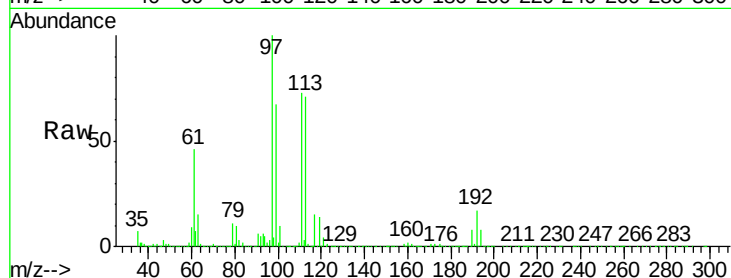
Tgt Ion:113 Resp: 226830

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 23.5 19.3 28.9



#36

1,1-Dichloropropene

Concen: 47.076 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

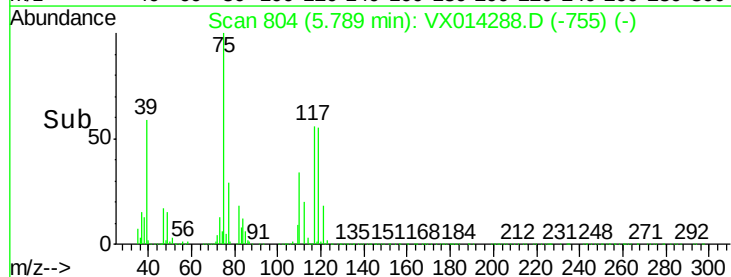
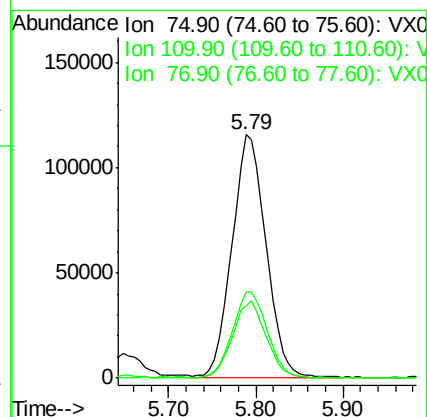
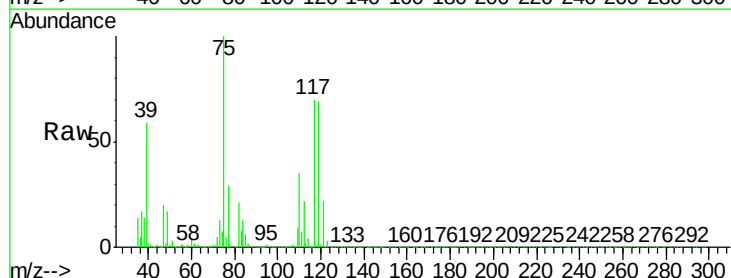
Tgt Ion: 75 Resp: 311028

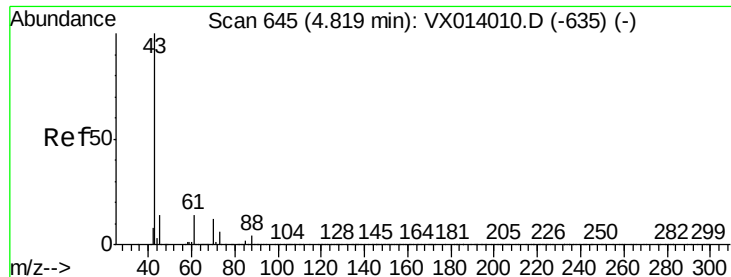
Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.9

77 30.9 24.8 37.2

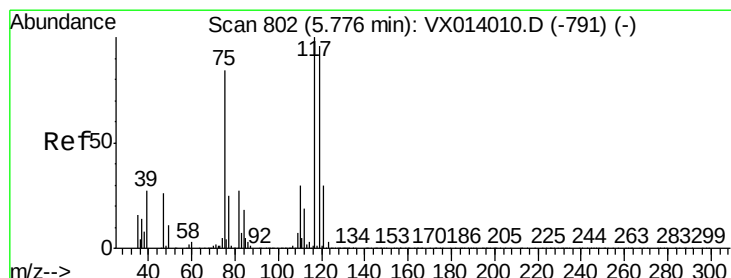
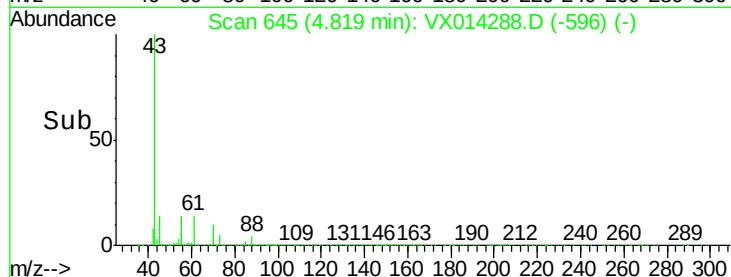
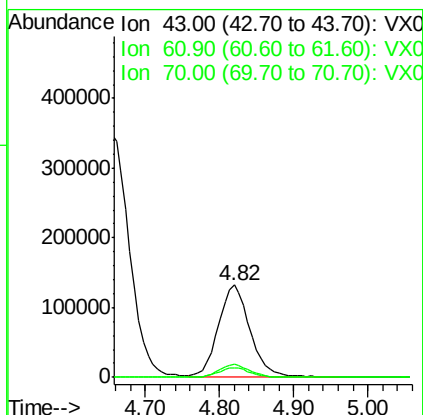
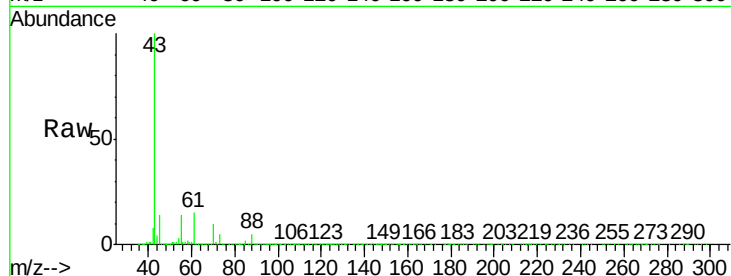




#37
Ethyl Acetate
Concen: 53.102 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

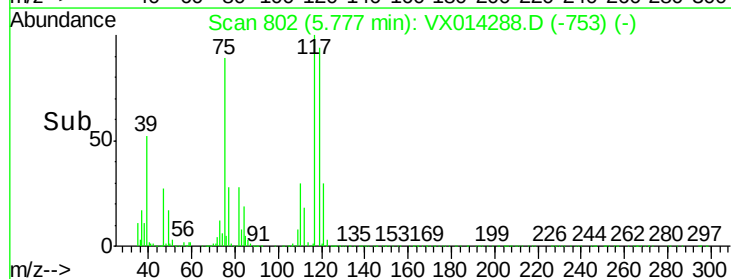
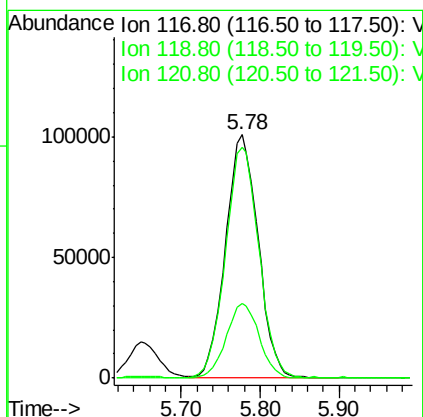
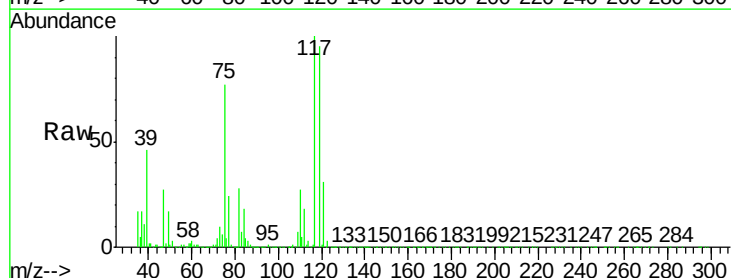
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

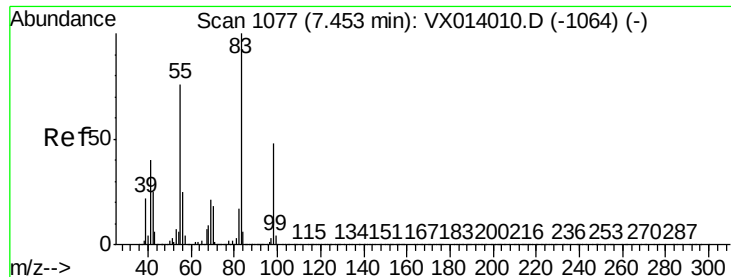
Tgt Ion: 43 Resp: 387428
Ion Ratio Lower Upper
43 100
61 13.4 10.8 16.2
70 10.7 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.138 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 117 Resp: 289734
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
121 30.5 23.6 35.4

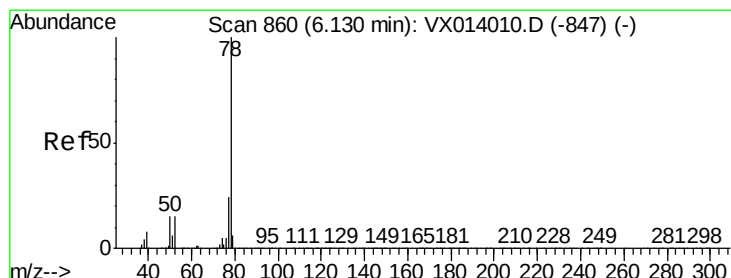
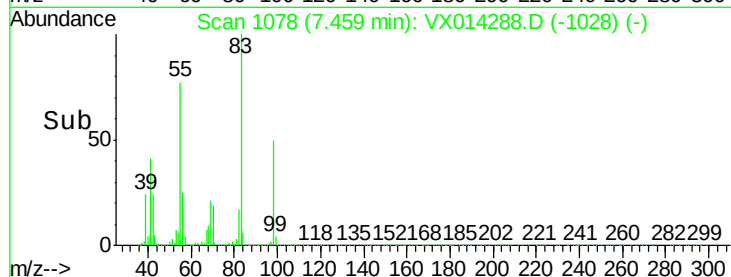
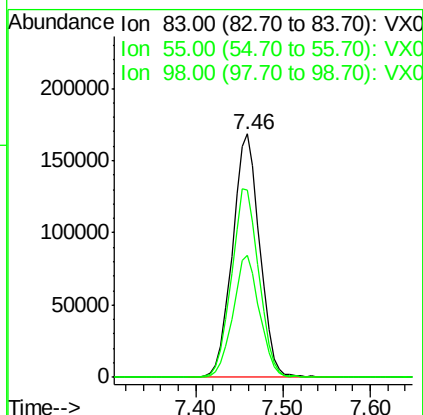
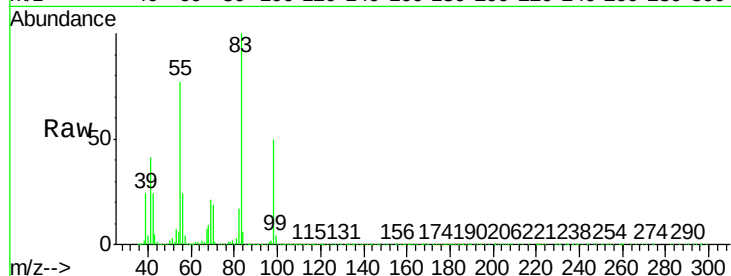




#39
Methylcyclohexane
Concen: 44.521 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

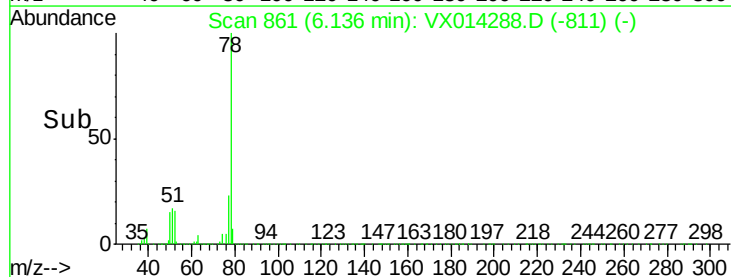
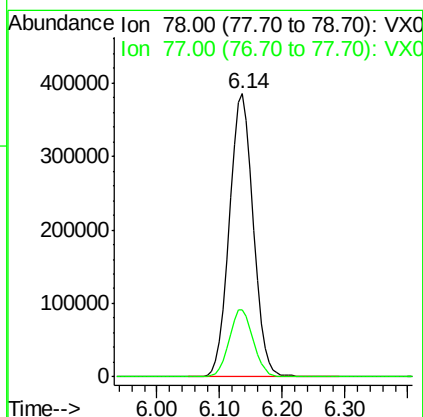
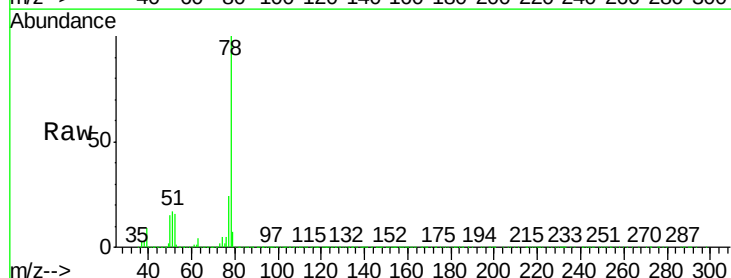
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

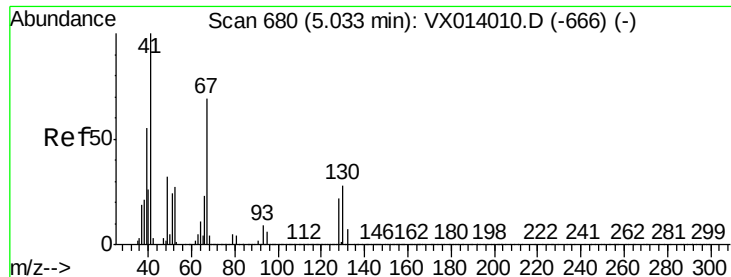
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.0	91.6
98	50.0	38.6	57.8



#40
Benzene
Concen: 49.881 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

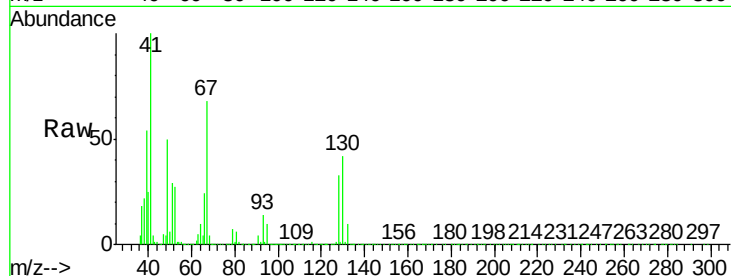




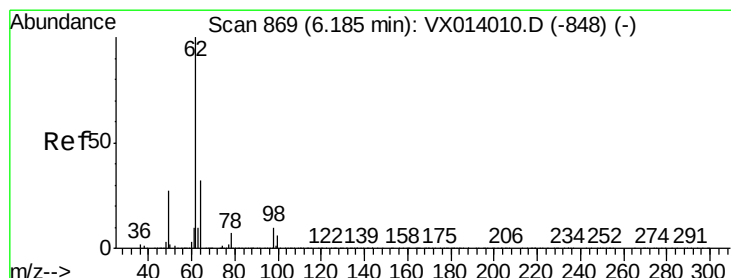
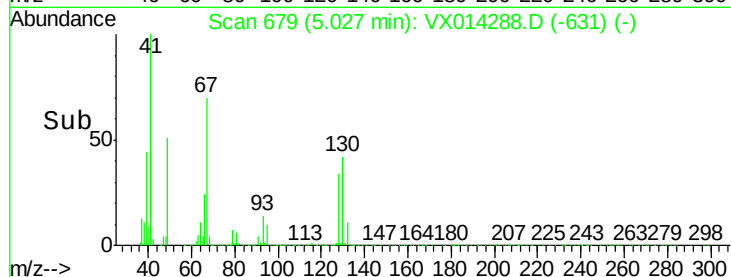
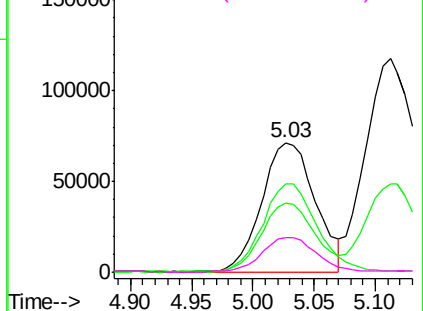
#41
Methacrylonitrile
Concen: 53.579 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	216895
Ion	Ratio	Lower	Upper
41	100		
39	52.9	44.5	66.7
67	69.4	57.4	86.0
52	27.2	23.0	34.4

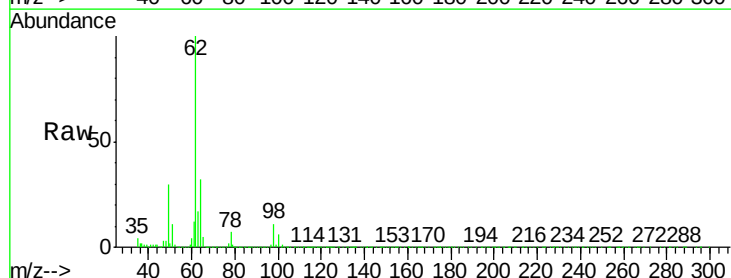


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

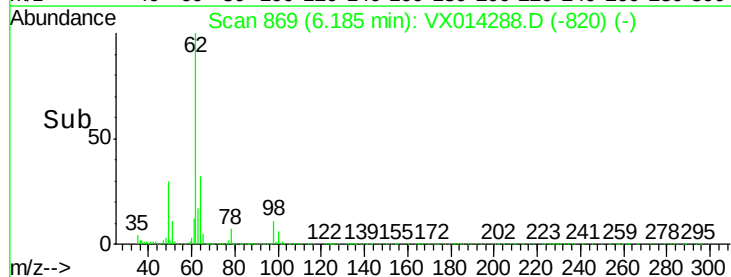
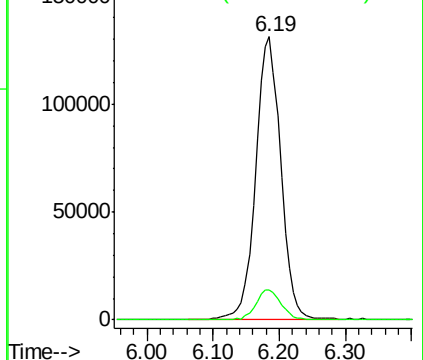


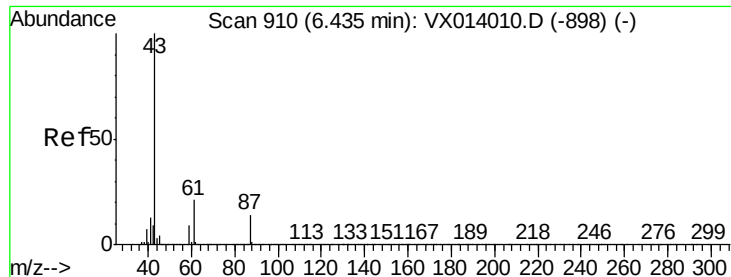
#42
1,2-Dichloroethane
Concen: 50.132 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion:	62	Resp:	345459
Ion	Ratio	Lower	Upper
62	100		
98	10.7	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: 52.330 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

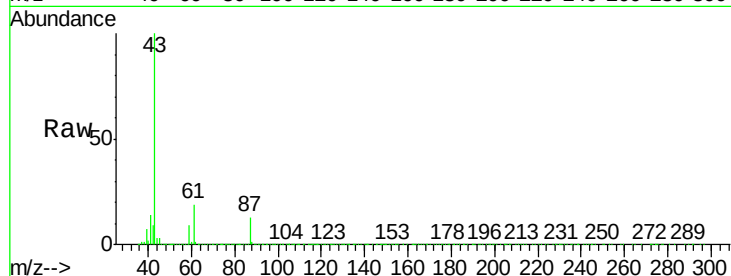
Tgt Ion: 43 Resp: 631855

Ion Ratio Lower Upper

43 100

61 19.8 16.4 24.6

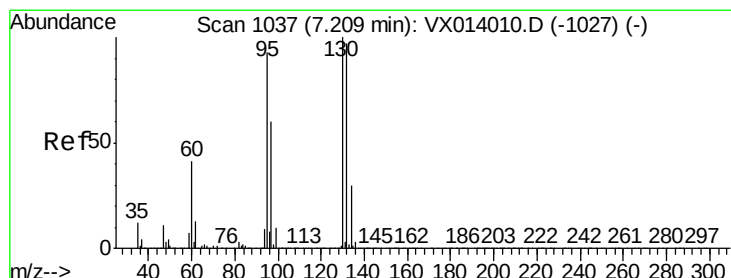
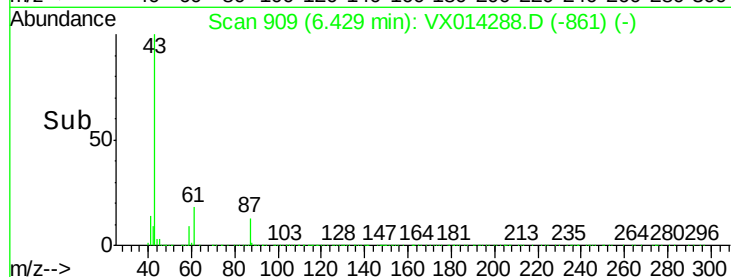
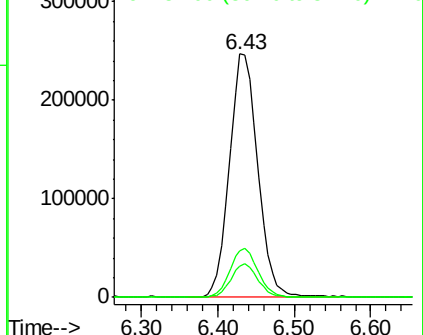
87 13.0 10.7 16.1



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: 48.070 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014288.D

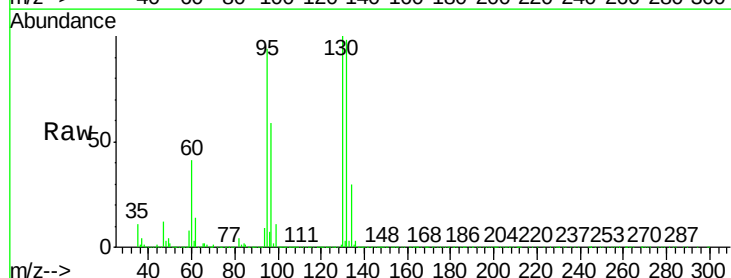
Acq: 26 Dec 2019 22:56

Tgt Ion: 130 Resp: 269913

Ion Ratio Lower Upper

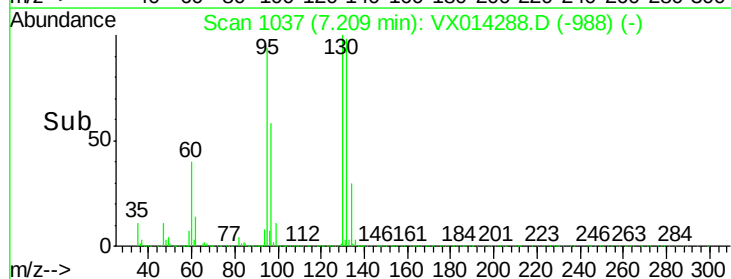
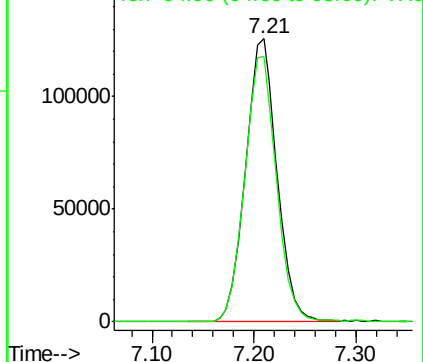
130 100

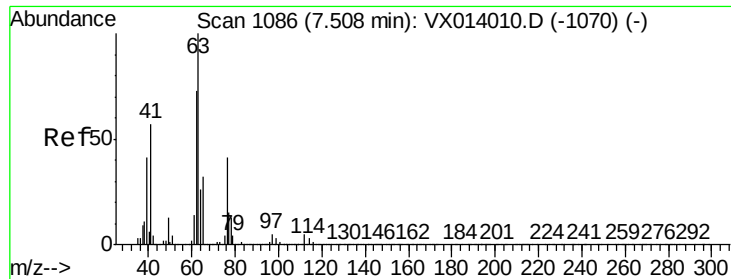
95 93.9 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

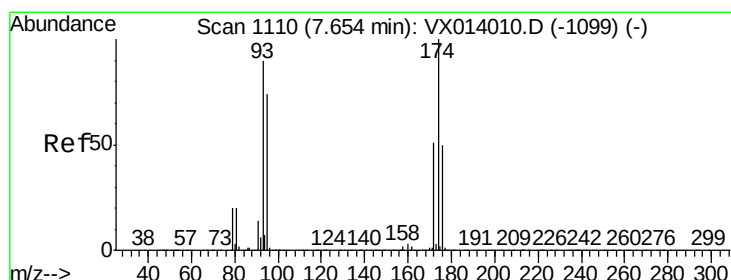
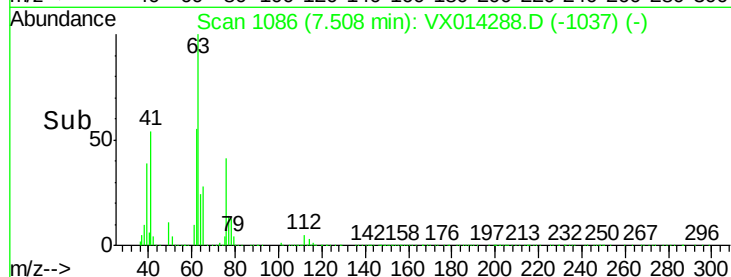
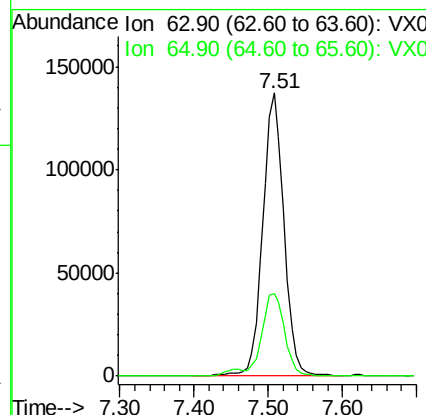
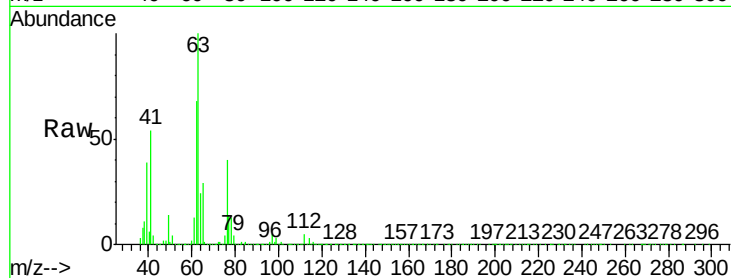




#45
 1,2-Dichloropropane
 Concen: 52.586 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

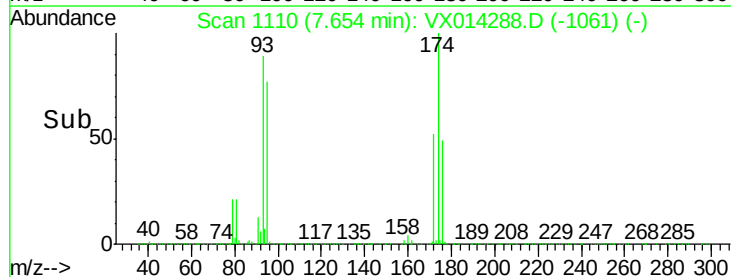
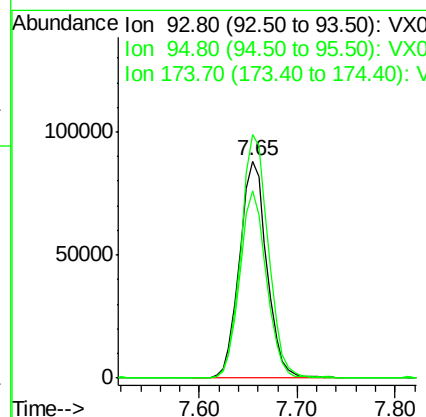
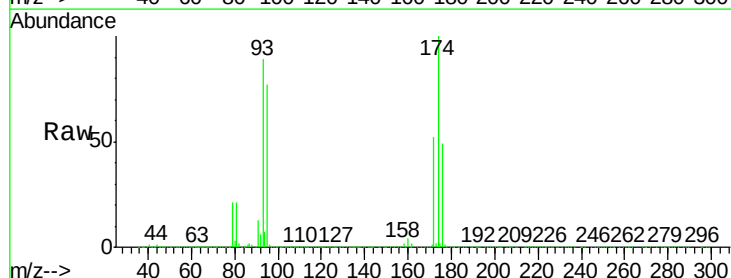
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

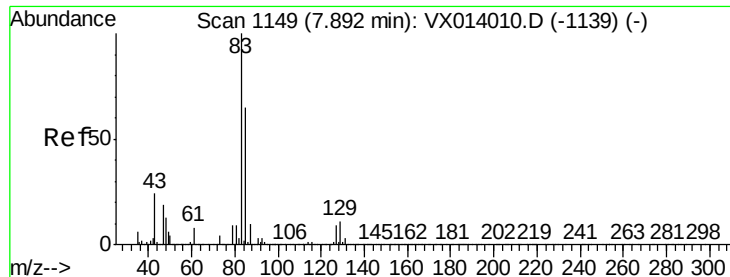
Tgt Ion: 63 Resp: 273996
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.8 38.8



#46
 Dibromomethane
 Concen: 49.601 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Tgt Ion: 93 Resp: 170871
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.3 100.9
 174 113.1 91.6 137.4





#47

Bromodichloromethane

Concen: 52.481 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

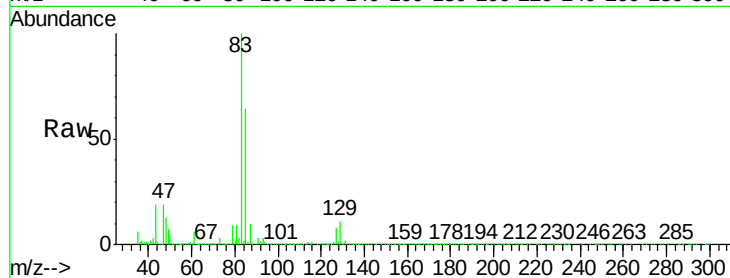
Tgt Ion: 83 Resp: 340495

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8

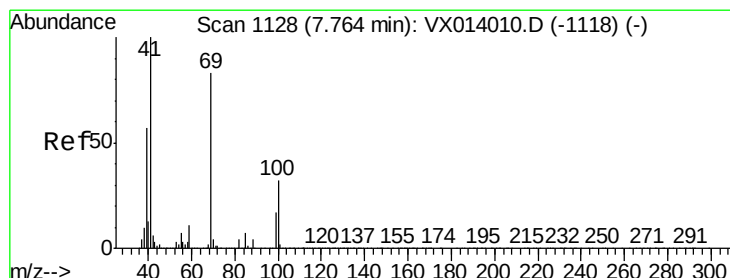
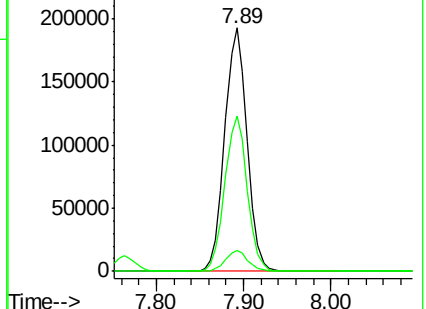
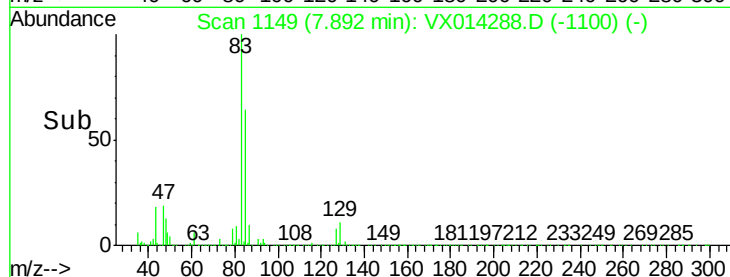
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.279 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

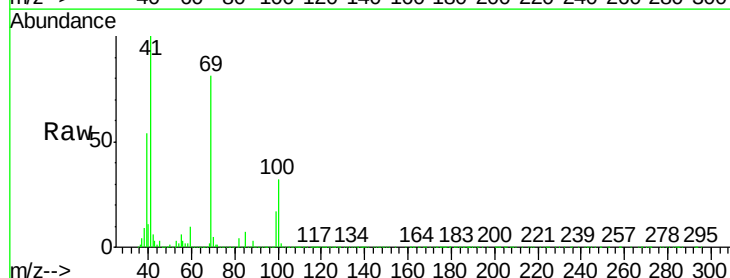
Tgt Ion: 41 Resp: 309099

Ion Ratio Lower Upper

41 100

69 82.3 65.8 98.6

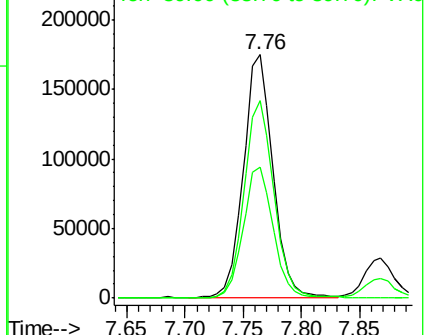
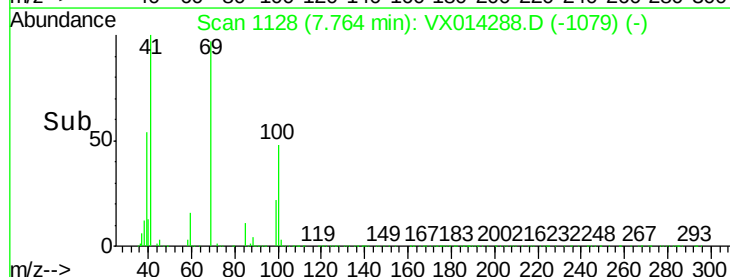
39 54.8 44.6 67.0

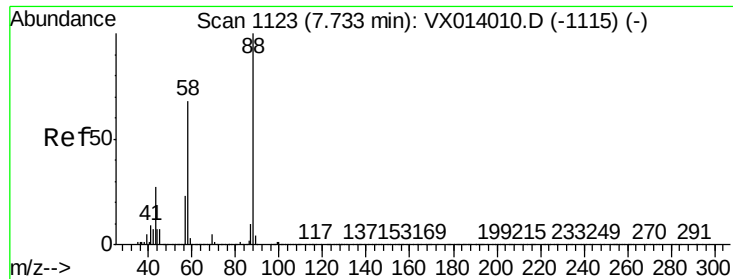


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

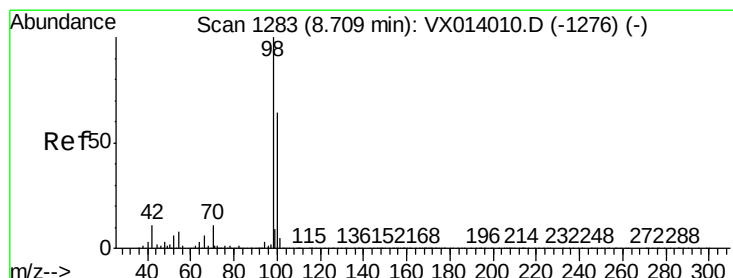
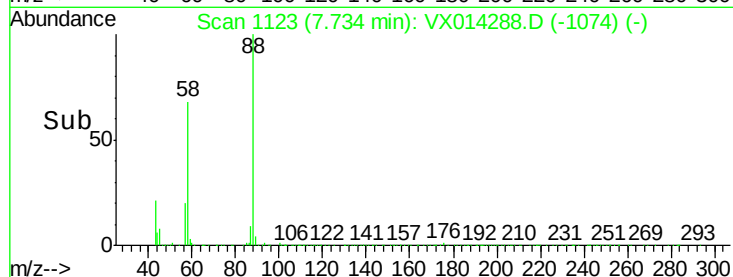
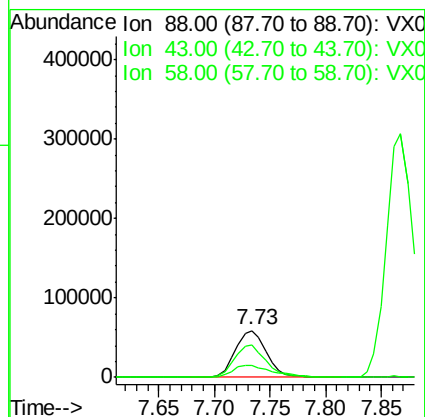
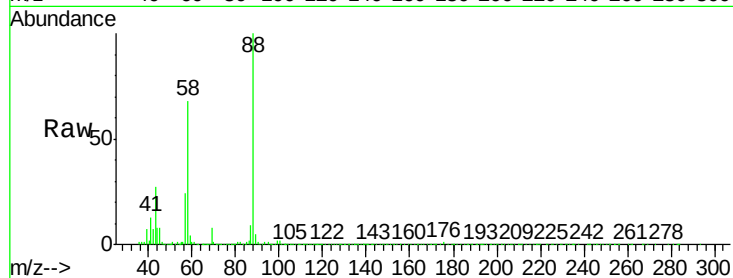




#49
1,4-Dioxane
Concen: 935.748 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

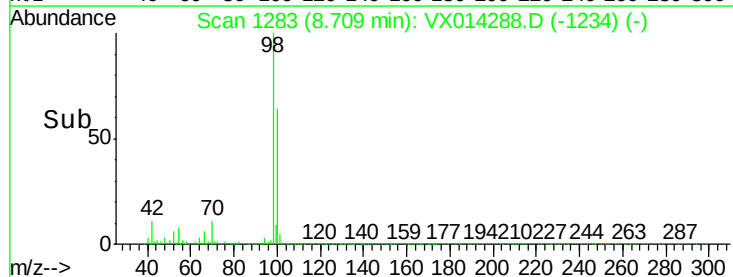
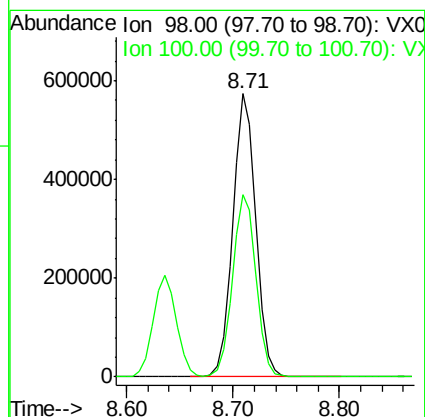
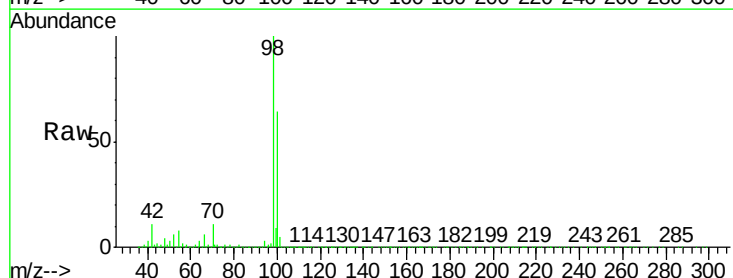
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

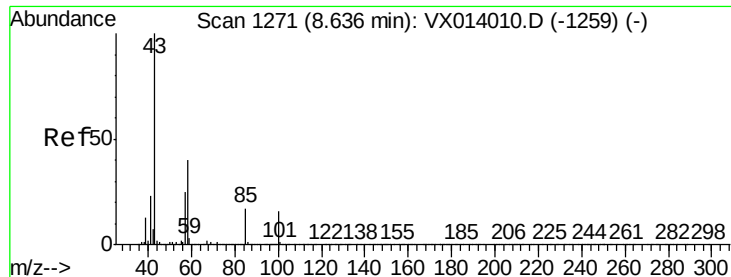
Tgt Ion: 88 Resp: 112590
Ion Ratio Lower Upper
88 100
43 33.4 26.5 39.7
58 71.2 56.8 85.2



#50
Toluene-d8
Concen: 50.878 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 98 Resp: 867027
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 261.870 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

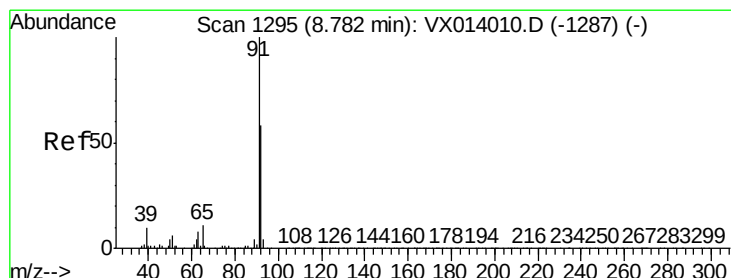
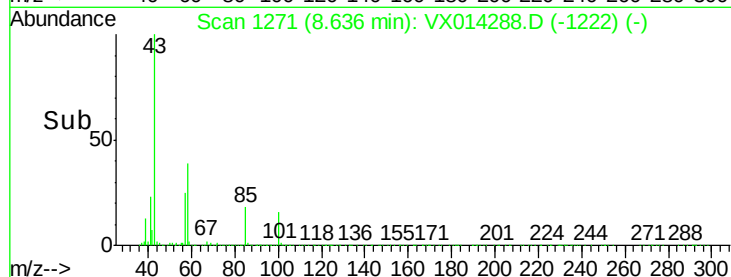
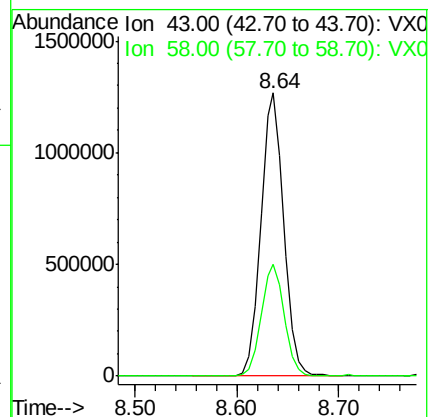
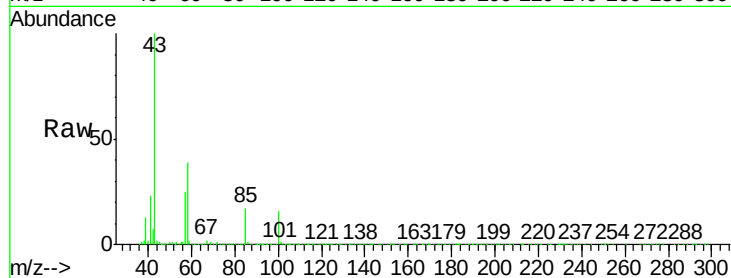
VSTDCCC050

Tgt Ion: 43 Resp: 1985745

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 49.224 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014288.D

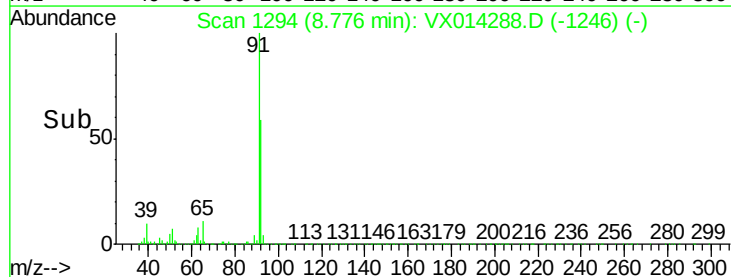
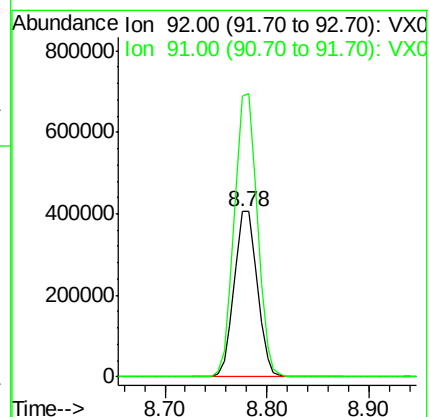
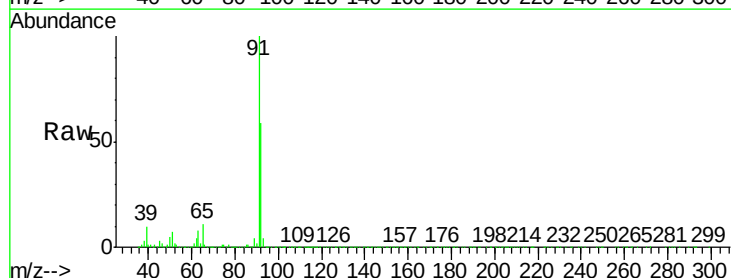
Acq: 26 Dec 2019 22:56

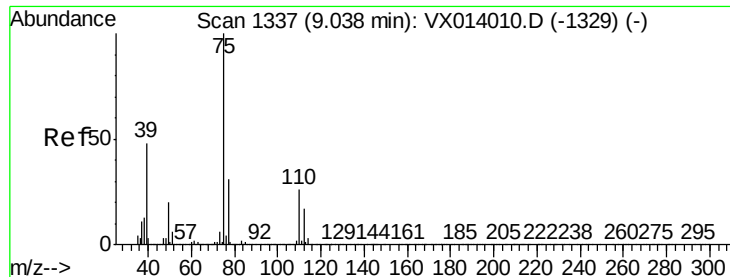
Tgt Ion: 92 Resp: 632490

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.4

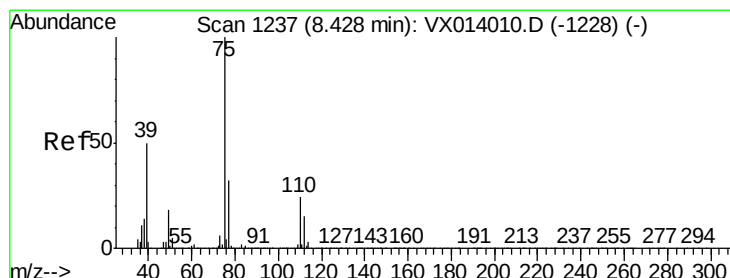
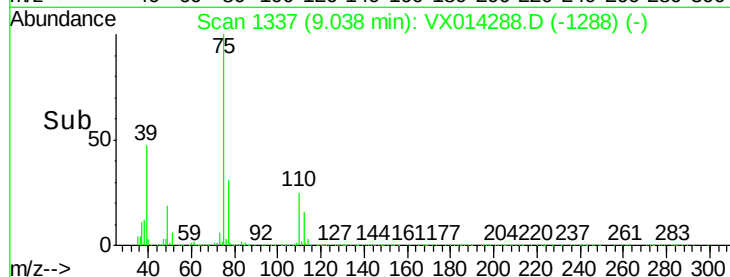
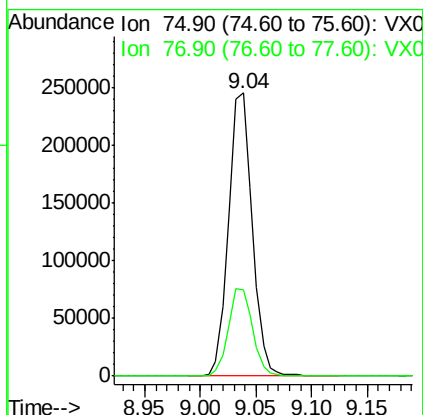
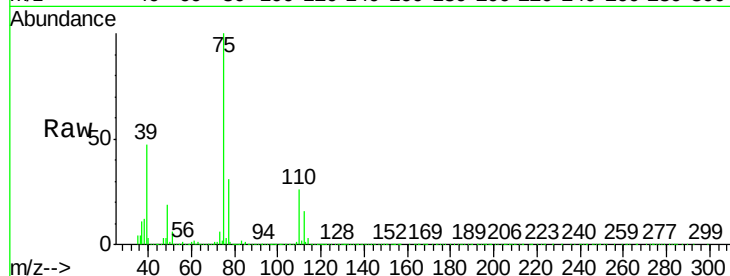




#53
t-1,3-Dichloropropene
Concen: 50.796 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

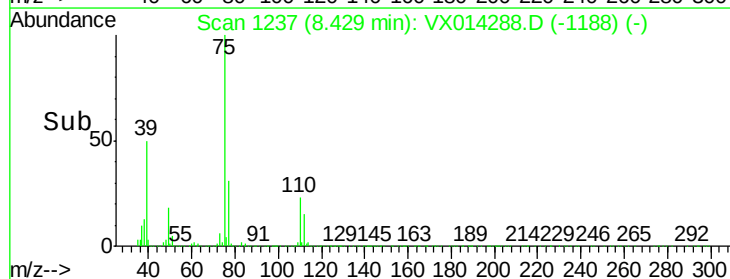
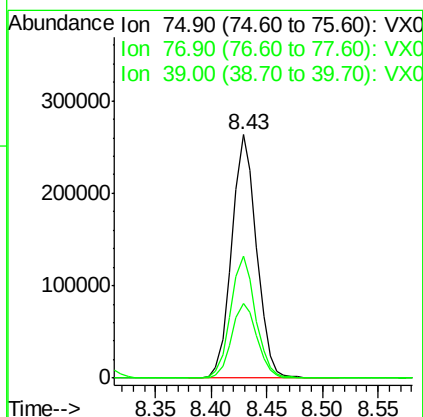
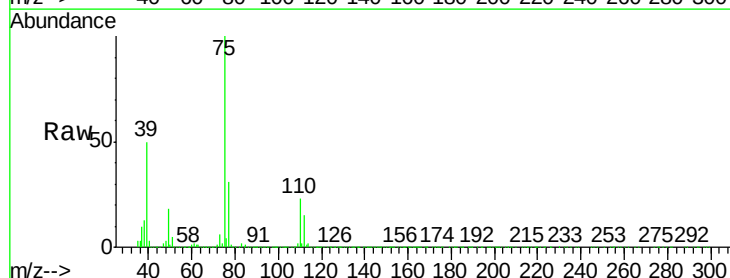
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

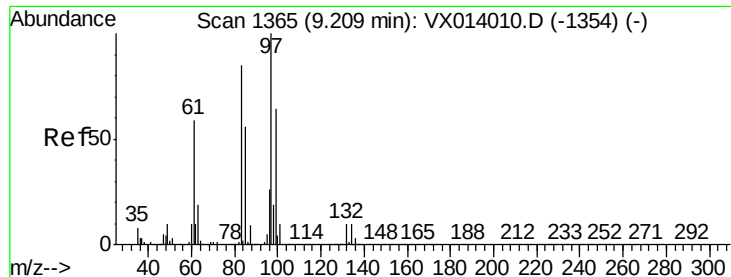
Tgt Ion: 75 Resp: 361366
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.110 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 75 Resp: 405072
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 49.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 51.531 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 265377

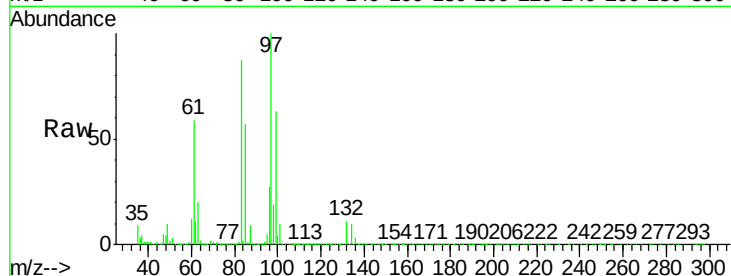
Ion Ratio Lower Upper

97 100

83 87.3 68.2 102.4

85 56.6 44.6 66.8

99 63.4 51.4 77.0

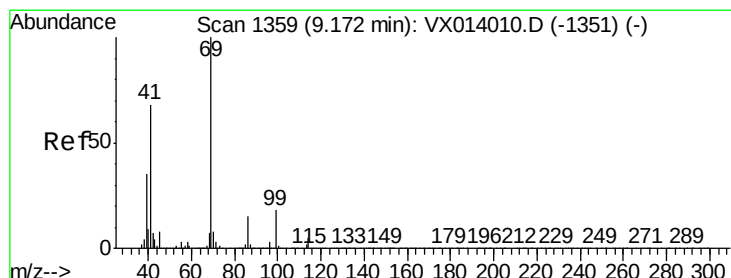
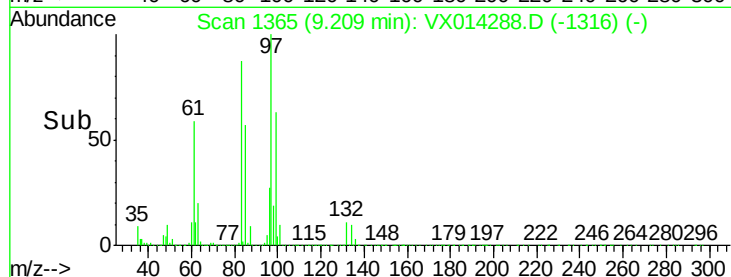
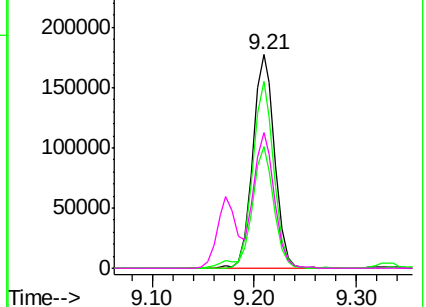


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.264 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

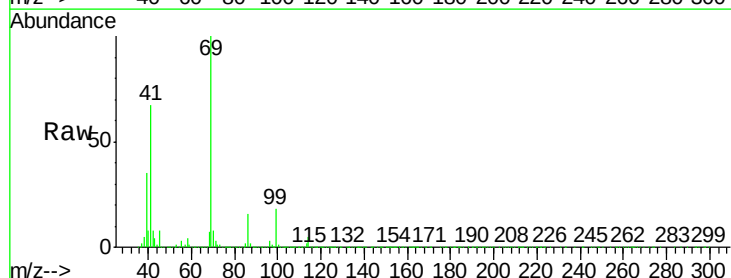
Tgt Ion: 69 Resp: 422791

Ion Ratio Lower Upper

69 100

41 68.0 54.8 82.2

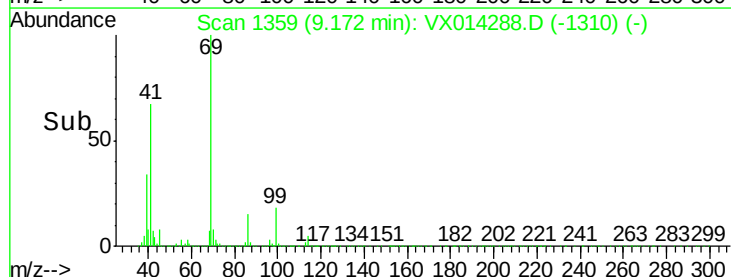
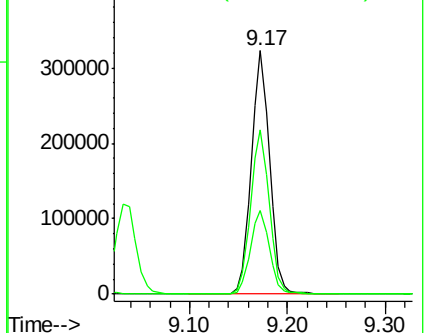
39 35.4 28.3 42.5

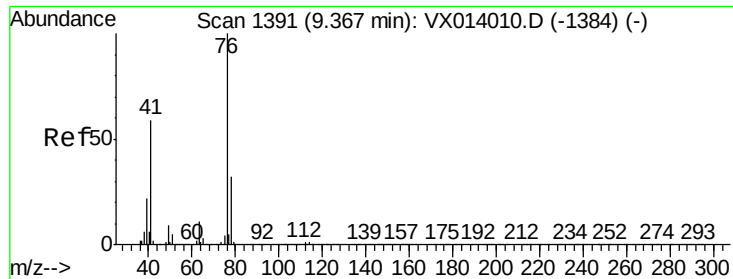


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

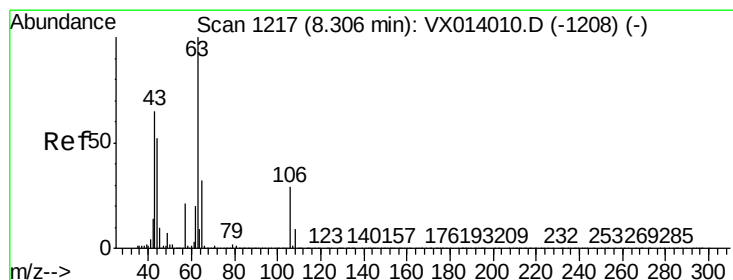
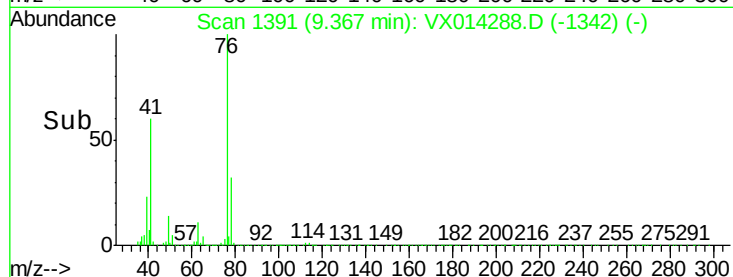
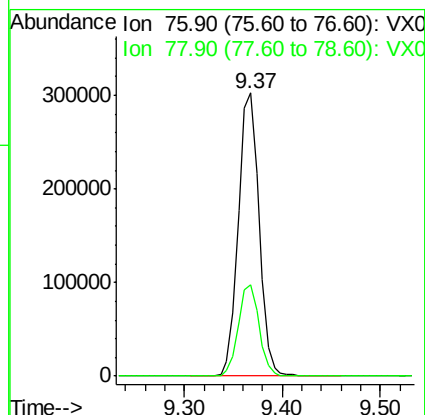
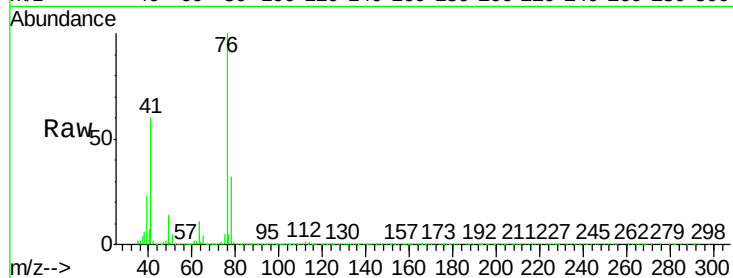




#57
 1,3-Dichloropropane
 Concen: 51.431 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

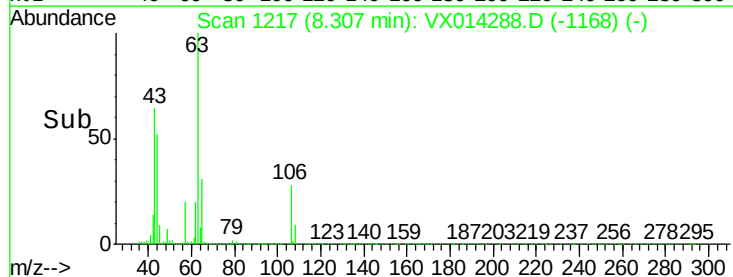
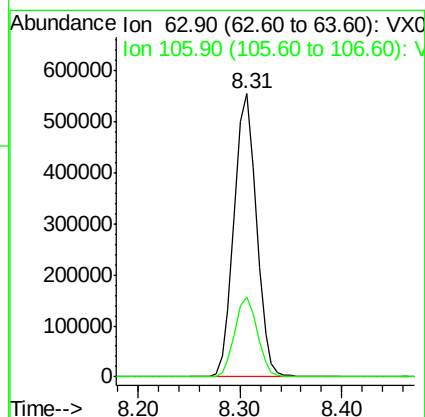
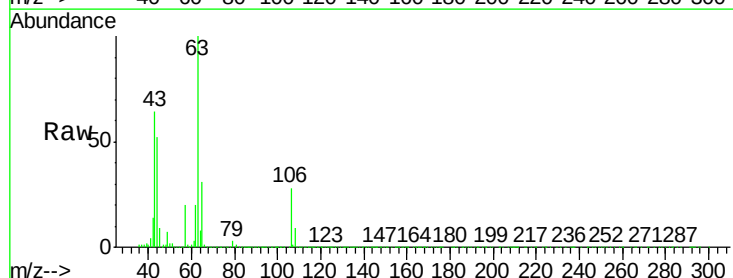
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

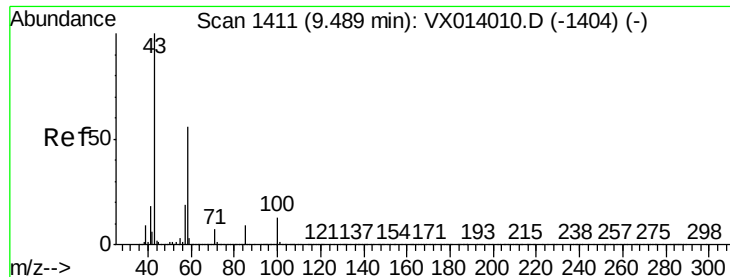
Tgt Ion: 76 Resp: 445630
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.619 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Tgt Ion: 63 Resp: 840709
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.0 34.6

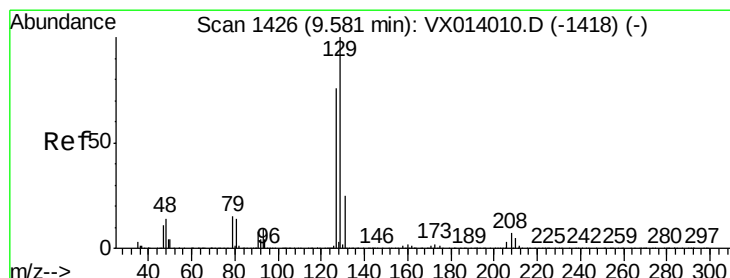
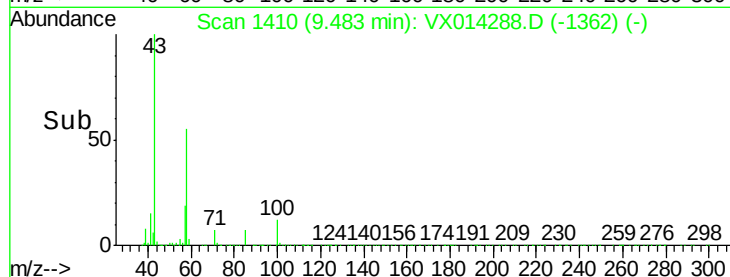
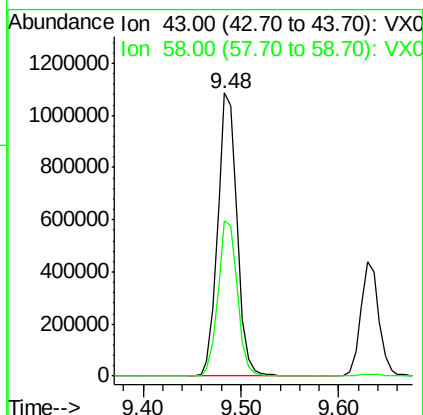
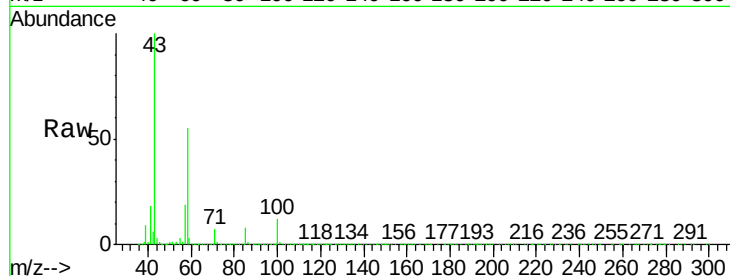




#59
2-Hexanone
Concen: 243.487 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

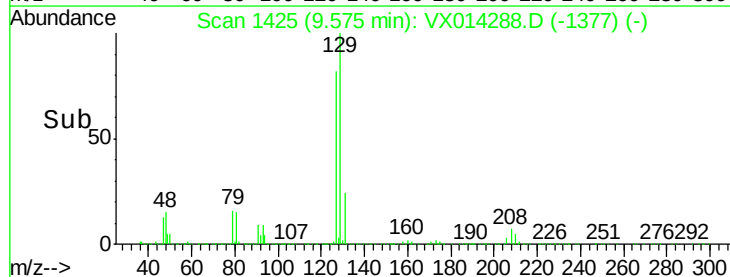
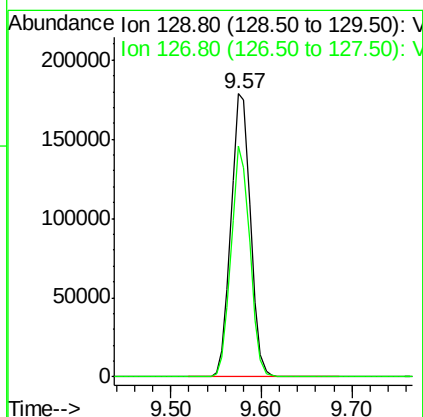
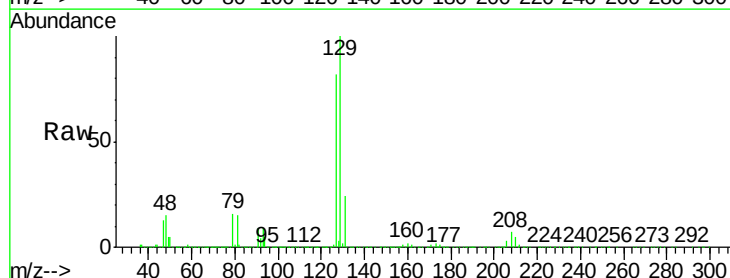
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

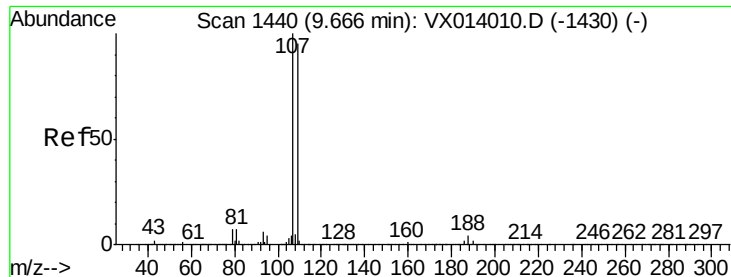
Tgt Ion: 43 Resp: 1486315
Ion Ratio Lower Upper
43 100
58 55.0 28.0 84.0



#60
Dibromochloromethane
Concen: 52.160 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 129 Resp: 267005
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.284 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

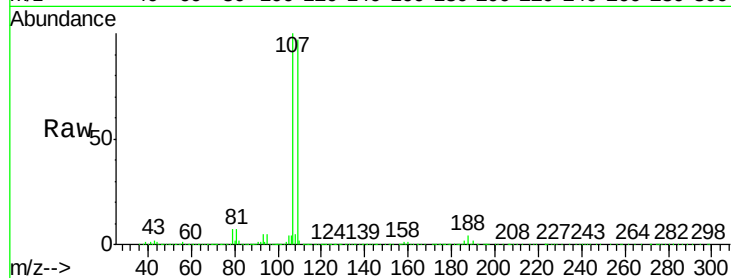
VSTDCCC050

Tgt Ion: 107 Resp: 270219

Ion Ratio Lower Upper

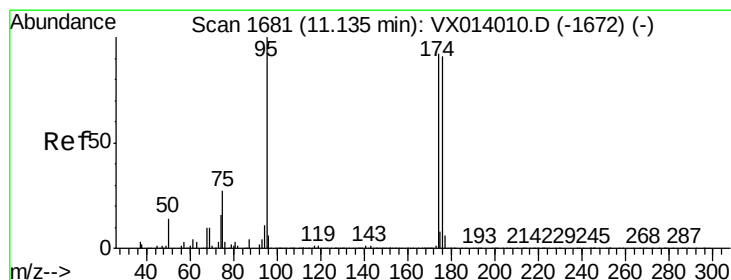
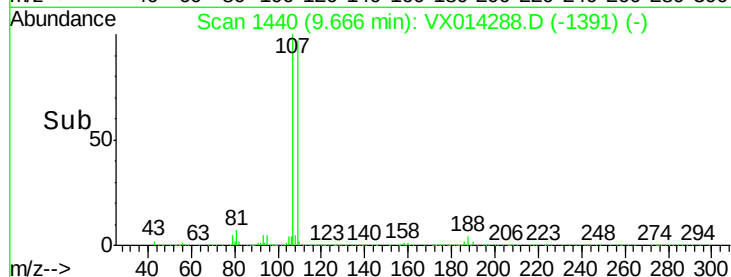
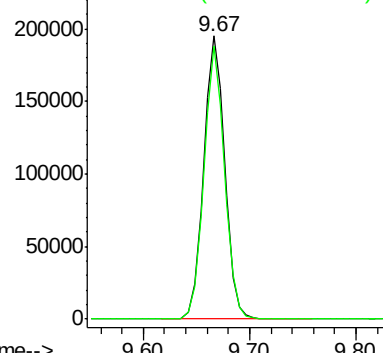
107 100

109 94.6 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: 50.119 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

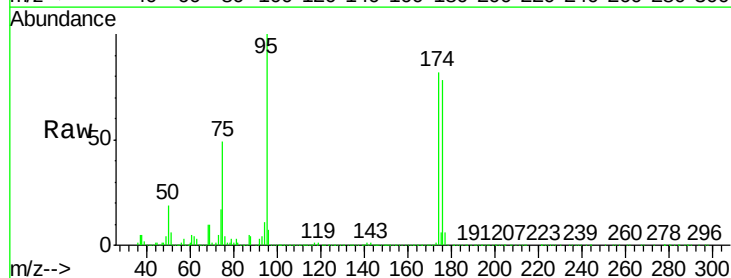
Tgt Ion: 95 Resp: 312211

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.8

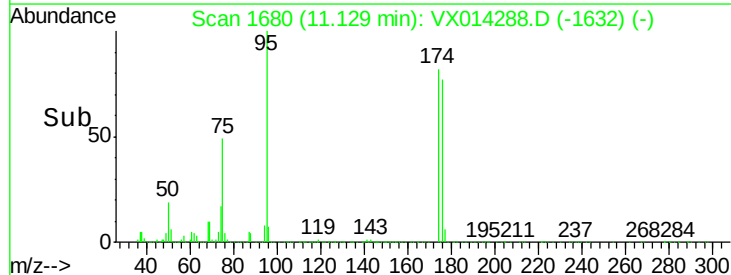
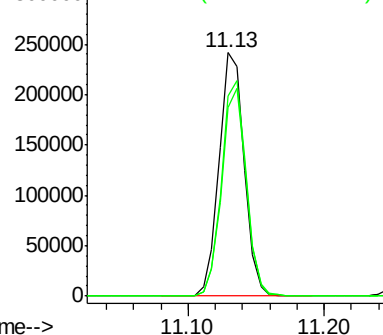
176 84.2 0.0 173.0

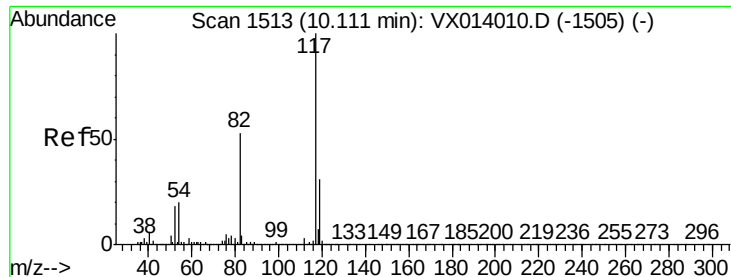


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

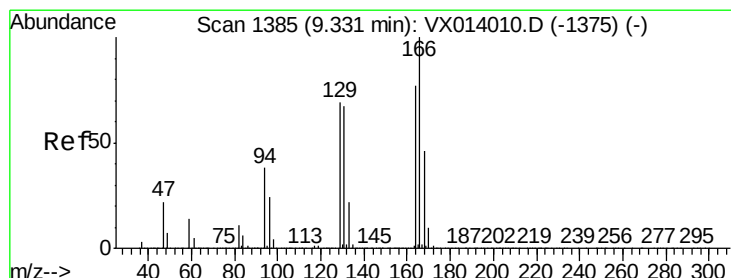
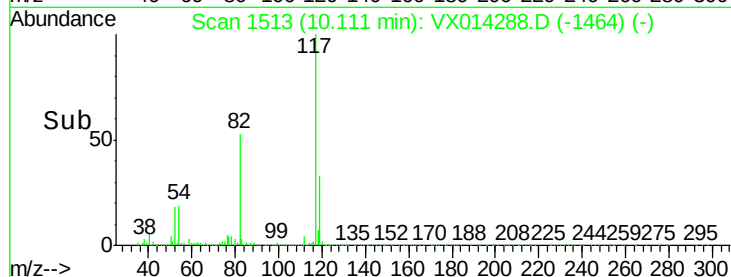
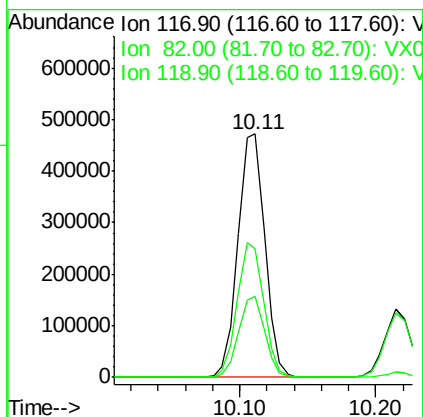
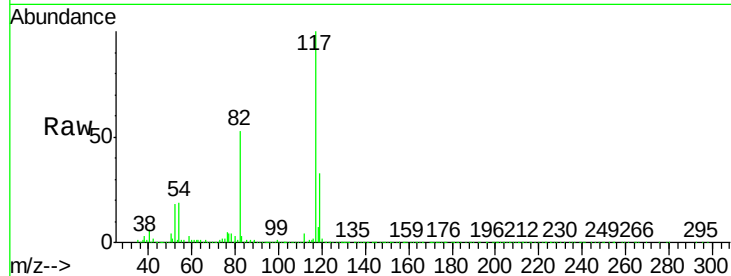




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

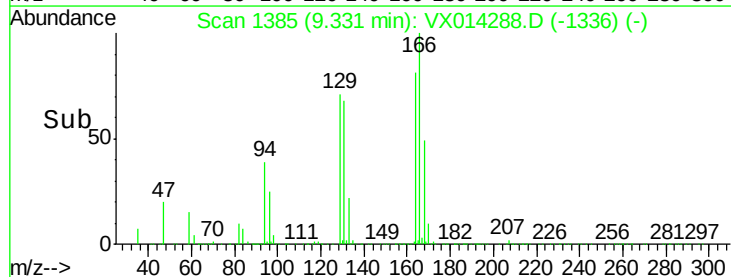
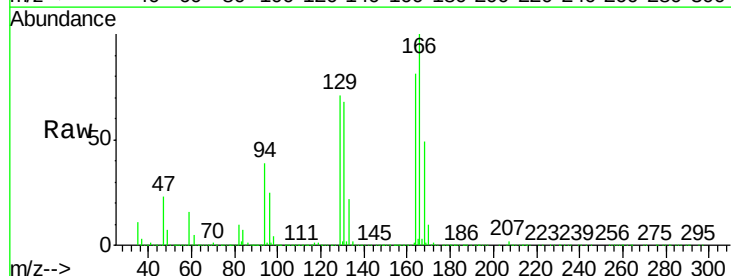
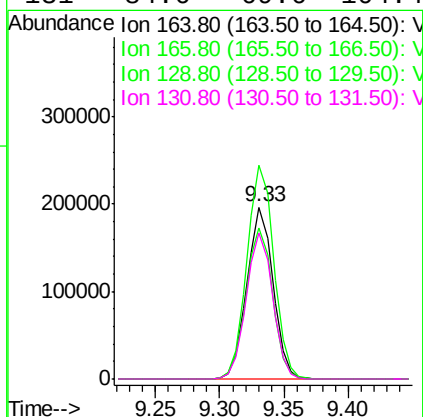
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

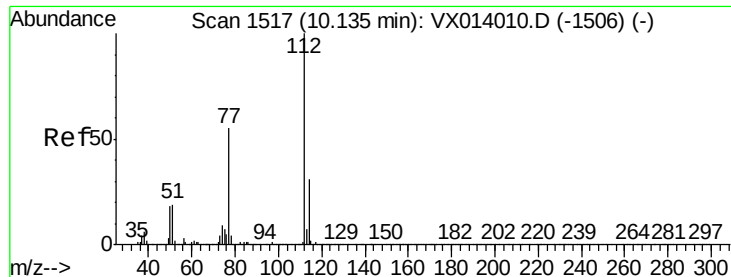
Tgt Ion:117 Resp: 652088
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 33.3 25.1 37.7



#64
Tetrachloroethene
Concen: 47.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion:164 Resp: 274499
Ion Ratio Lower Upper
164 100
166 124.1 104.0 156.0
129 87.6 72.2 108.4
131 84.6 69.6 104.4





#65

Chlorobenzene

Concen: 48.757 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampled :

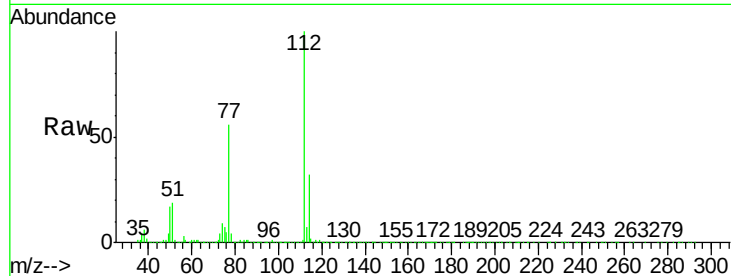
VSTDCCC050

Tgt Ion:112 Resp: 676008

Ion Ratio Lower Upper

112 100

114 32.3 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

500000

400000

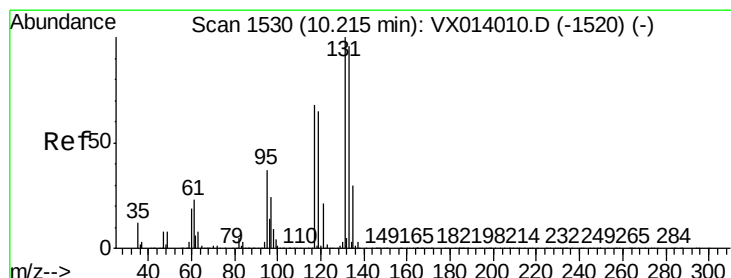
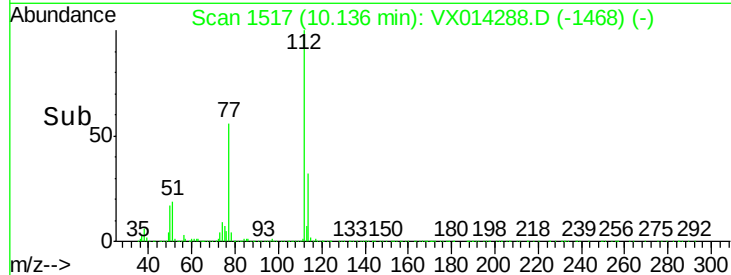
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 51.340 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

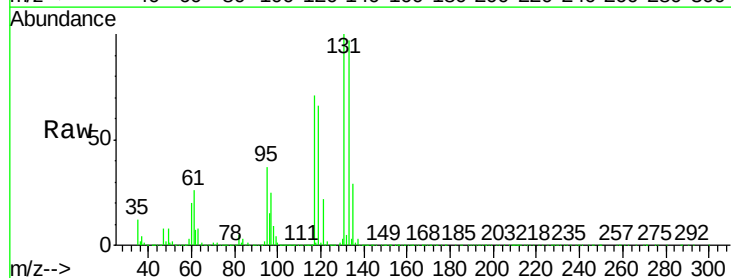
Tgt Ion:131 Resp: 254163

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 65.9 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

250000

200000

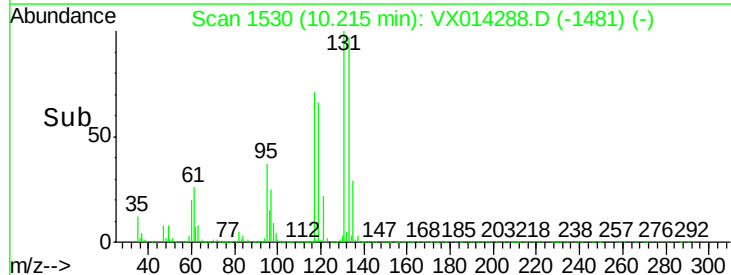
150000

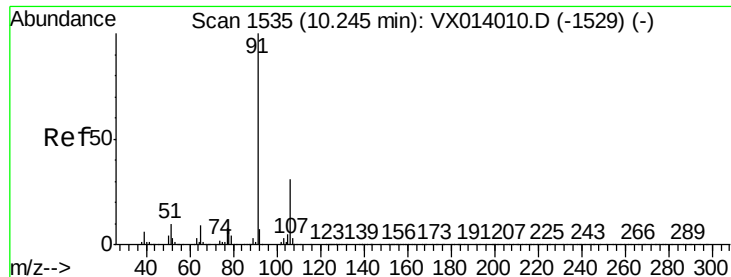
100000

50000

0

Time--> 10.10 10.20





#67

Ethyl Benzene

Concen: 49.933 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

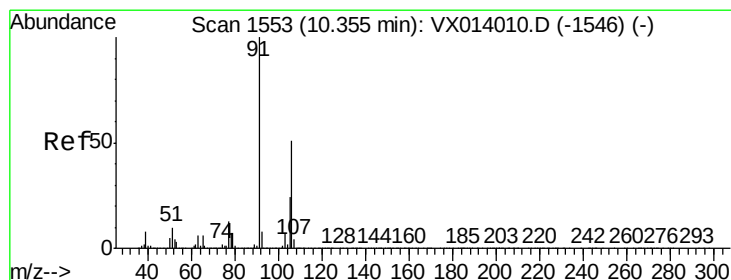
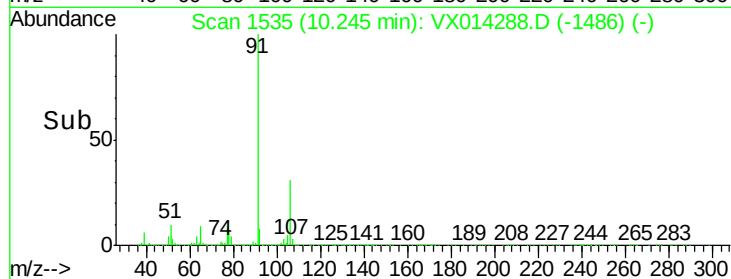
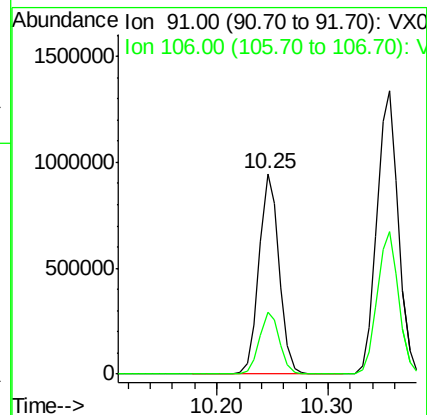
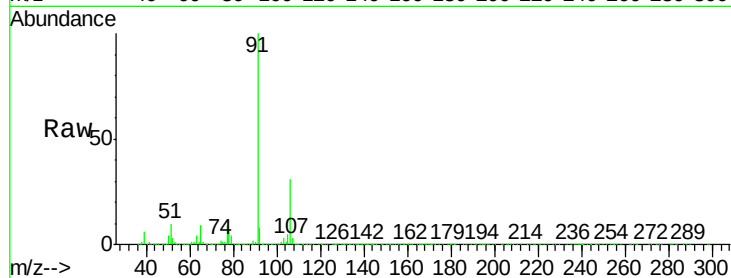
VSTDCCC050

Tgt Ion: 91 Resp: 1190267

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 98.744 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014288.D

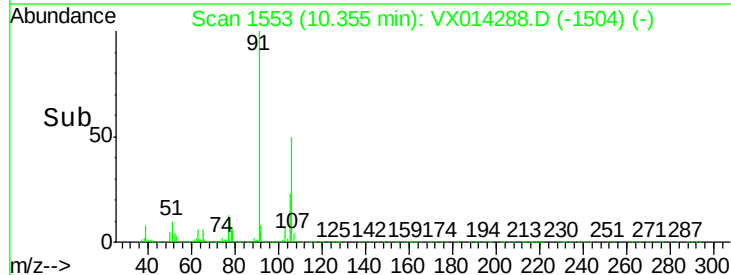
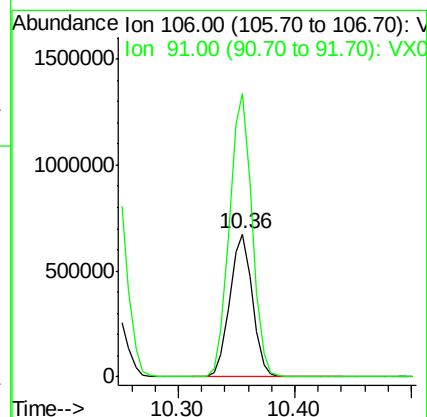
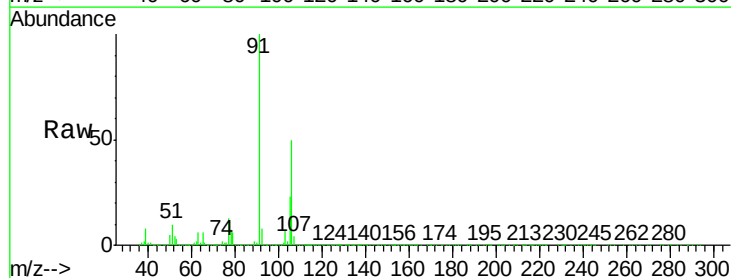
Acq: 26 Dec 2019 22:56

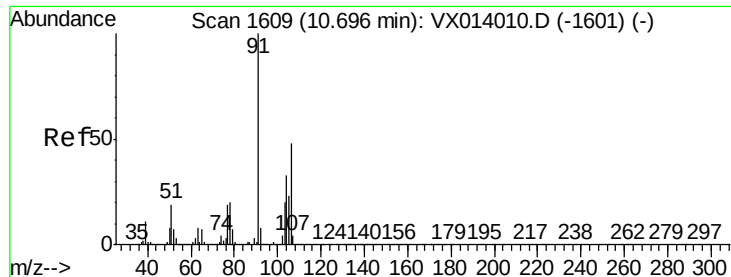
Tgt Ion: 106 Resp: 905293

Ion Ratio Lower Upper

106 100

91 198.1 158.6 238.0

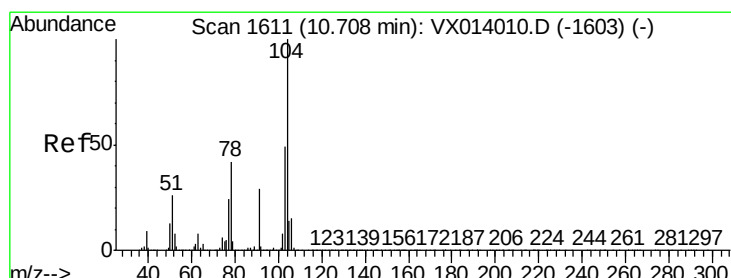
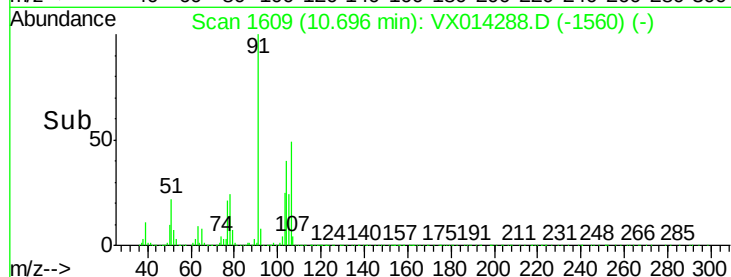
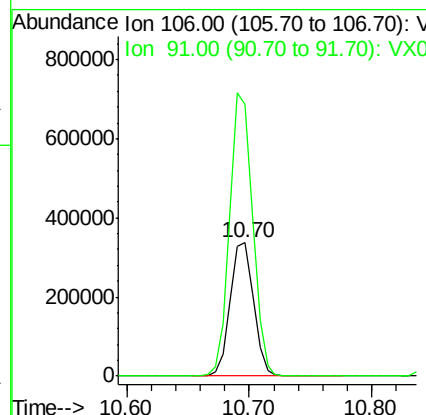
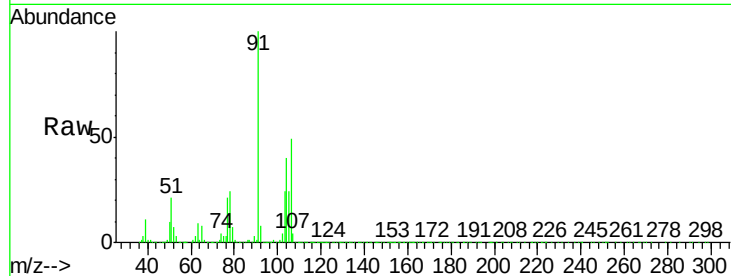




#69
o-Xylene
Concen: 49.371 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

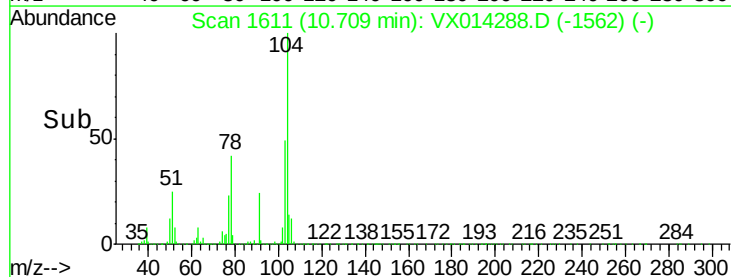
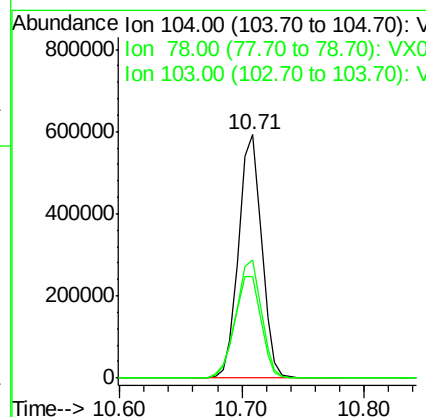
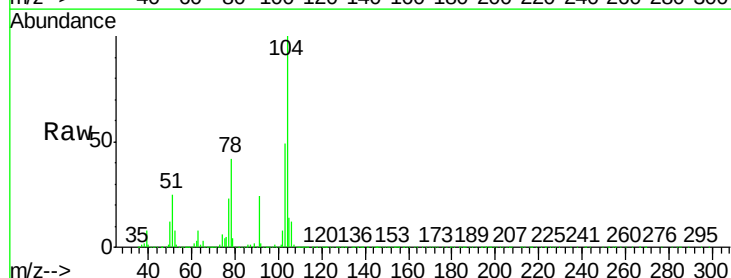
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

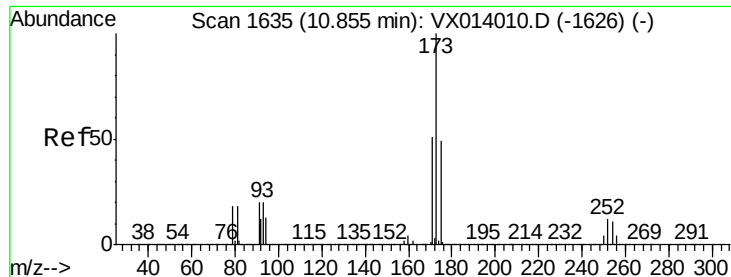
Tgt Ion:106 Resp: 443925
Ion Ratio Lower Upper
106 100
91 209.8 104.2 312.6



#70
Styrene
Concen: 50.463 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion:104 Resp: 767270
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 51.009 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

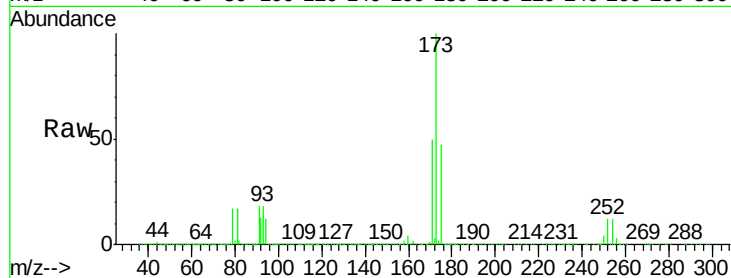
Tgt Ion:173 Resp: 202986

Ion Ratio Lower Upper

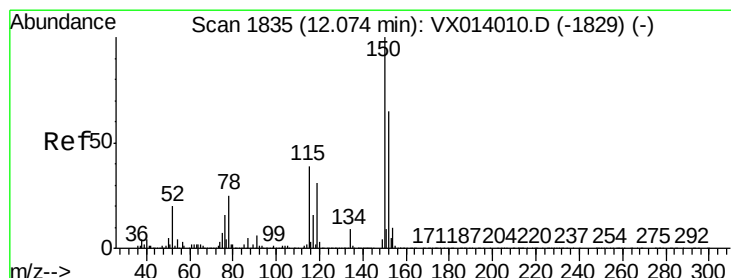
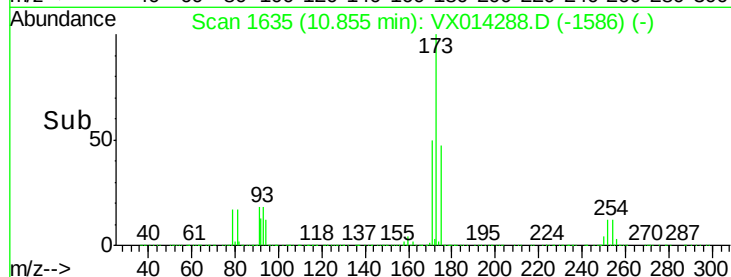
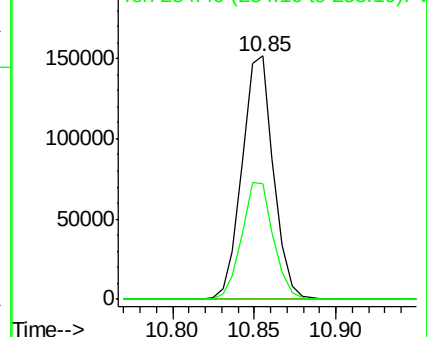
173 100

175 48.5 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: VX014288.D

Acq: 26 Dec 2019 22:56

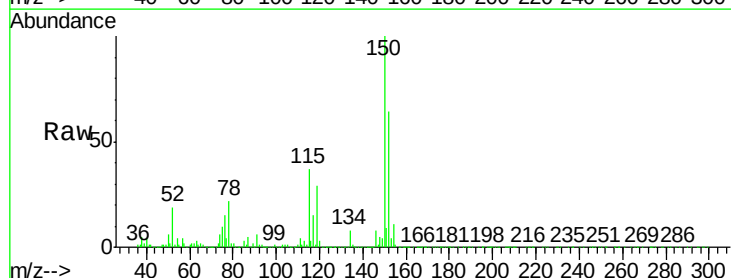
Tgt Ion:152 Resp: 321327

Ion Ratio Lower Upper

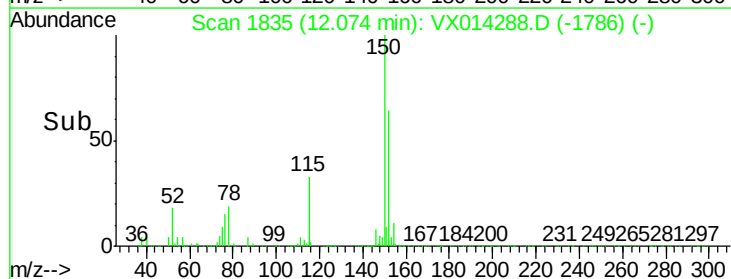
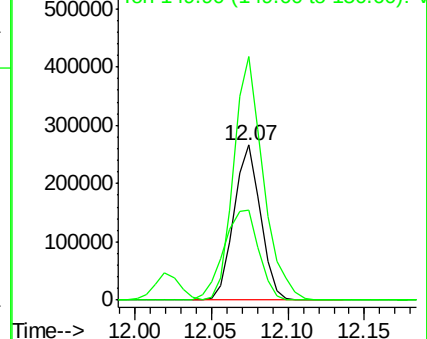
152 100

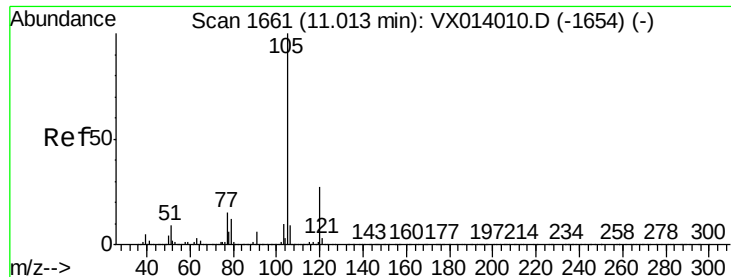
115 76.7 38.3 114.9

150 173.8 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: 50.719 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

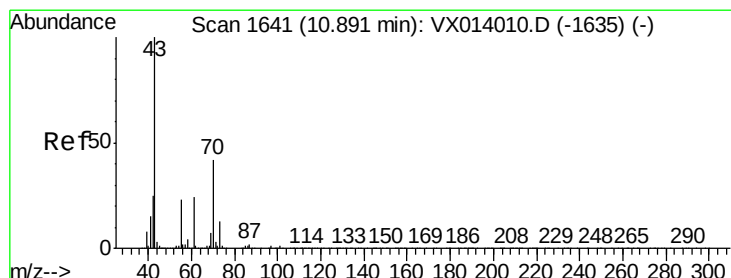
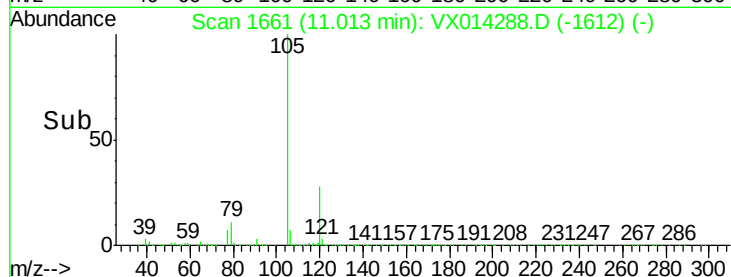
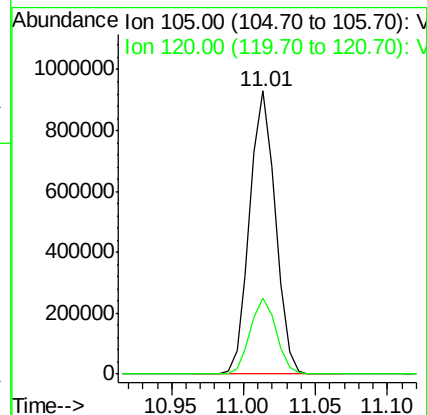
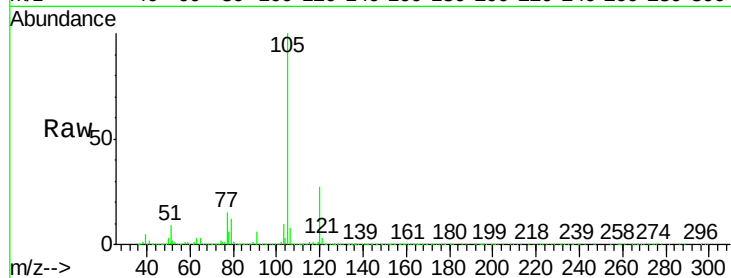
VSTDCCC050

Tgt Ion: 105 Resp: 1147454

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 52.220 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Tgt Ion: 43 Resp: 553780

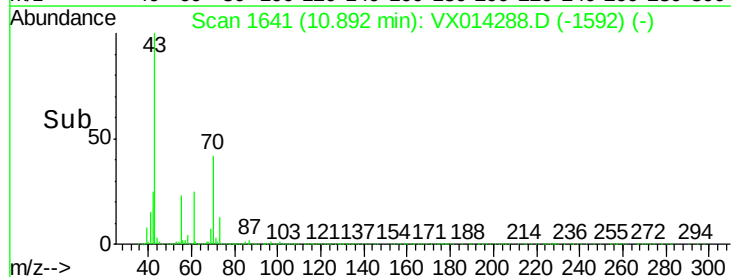
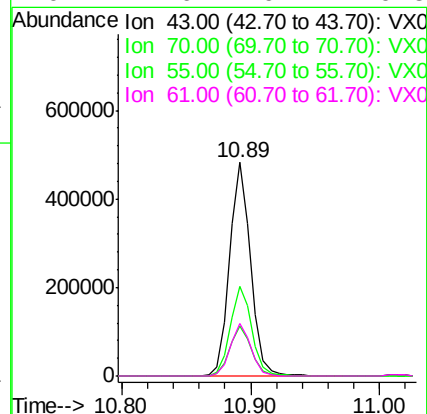
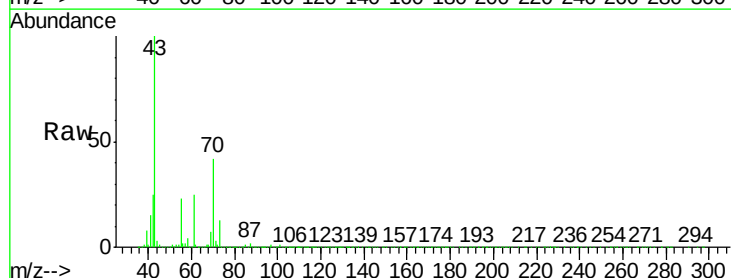
Ion Ratio Lower Upper

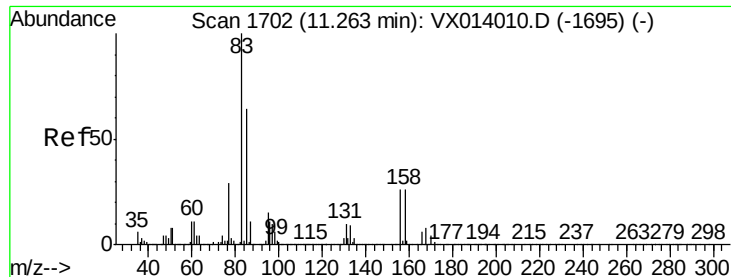
43 100

70 42.9 34.4 51.6

55 24.0 19.1 28.7

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.059 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

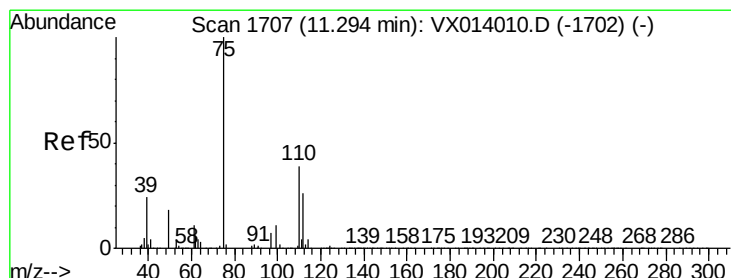
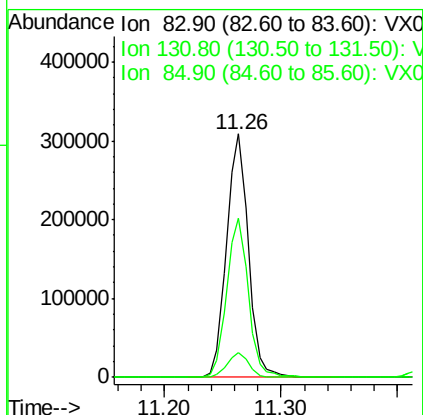
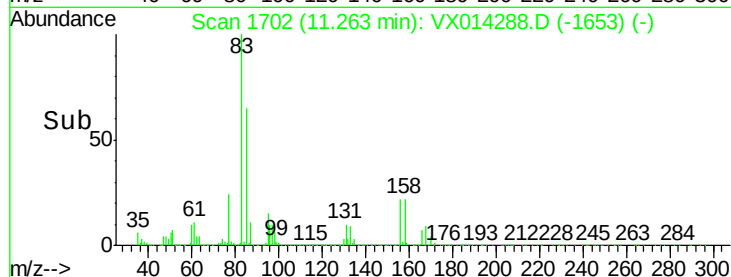
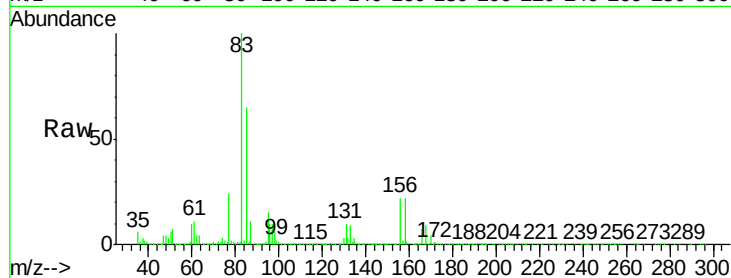
Tgt Ion: 83 Resp: 400482

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 65.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.350 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014288.D

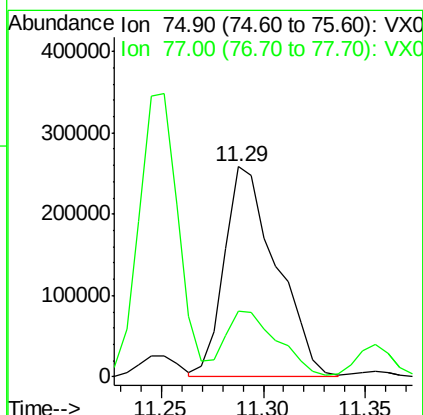
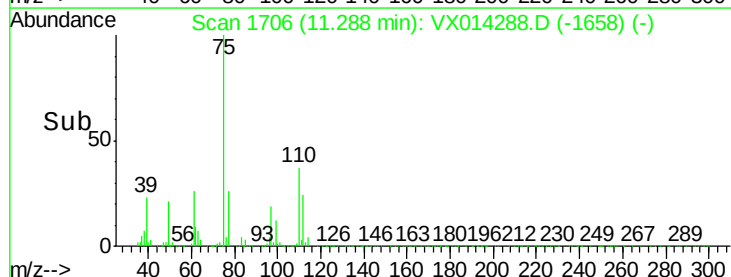
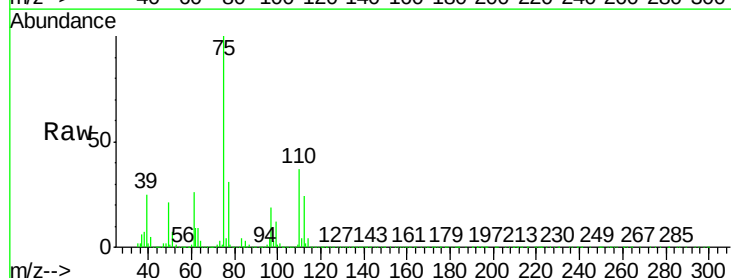
Acq: 26 Dec 2019 22:56

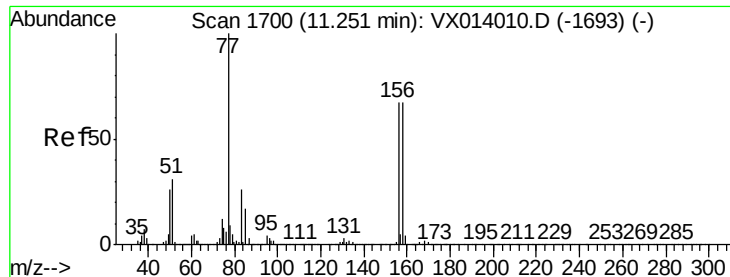
Tgt Ion: 75 Resp: 455881

Ion Ratio Lower Upper

75 100

77 32.2 19.3 57.8





#77

Bromobenzene

Concen: 49.208 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

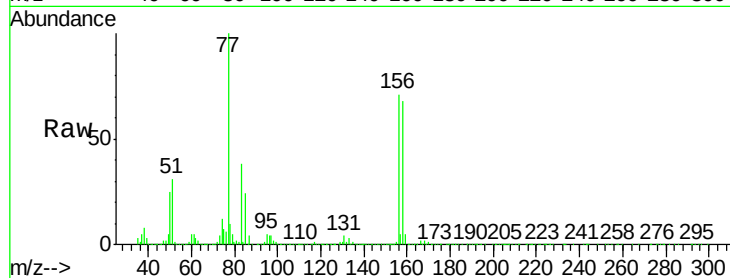
Tgt Ion: 156 Resp: 306305

Ion Ratio Lower Upper

156 100

77 150.2 76.5 229.5

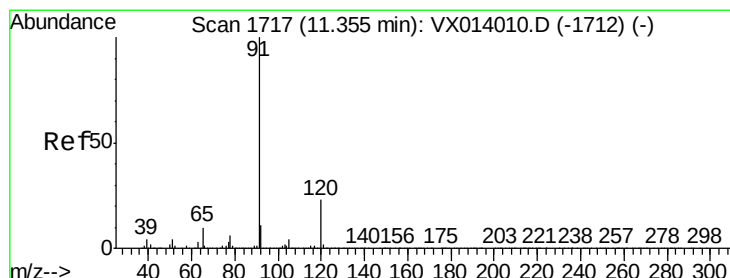
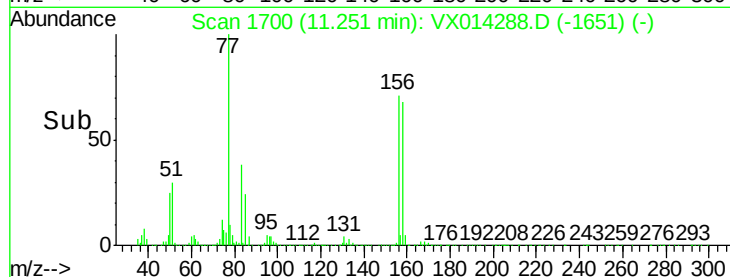
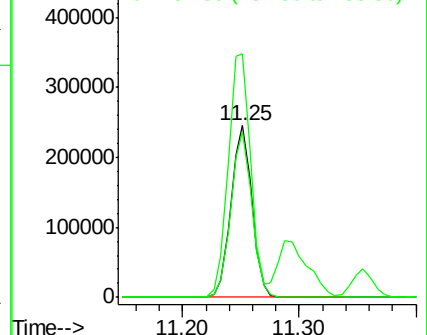
158 96.4 49.3 147.9



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: 50.660 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014288.D

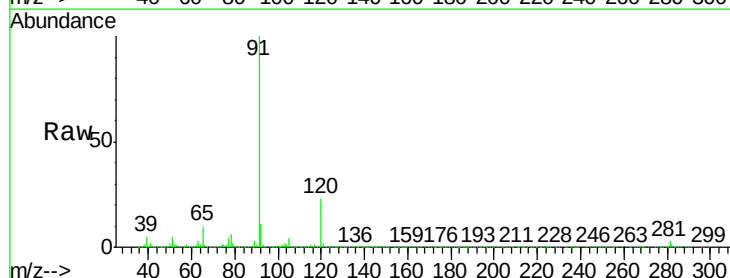
Acq: 26 Dec 2019 22:56

Tgt Ion: 91 Resp: 1285583

Ion Ratio Lower Upper

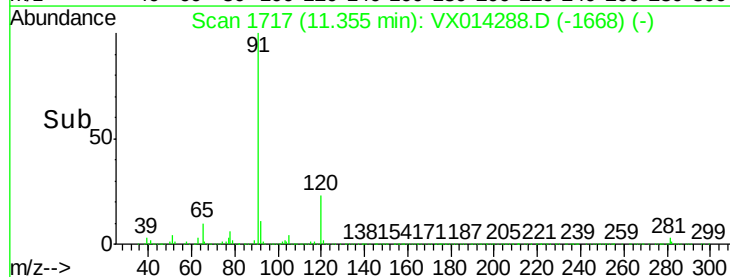
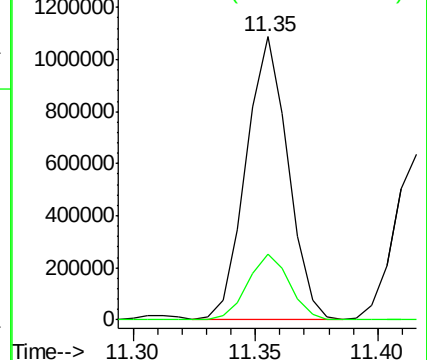
91 100

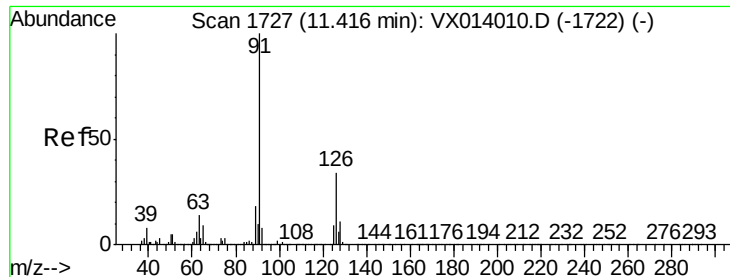
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.772 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

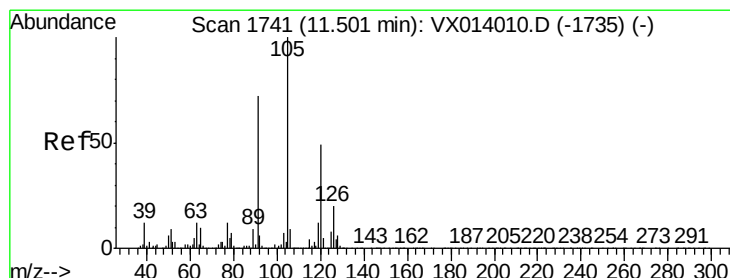
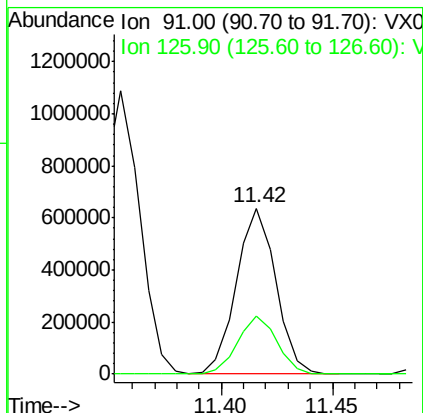
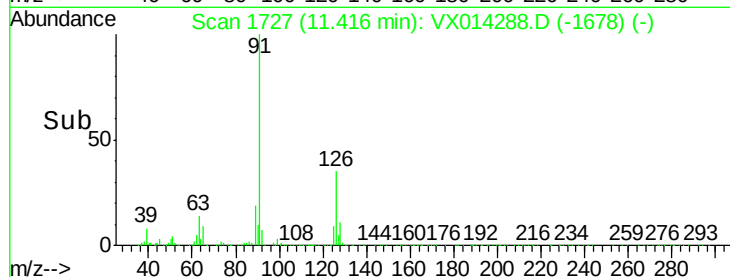
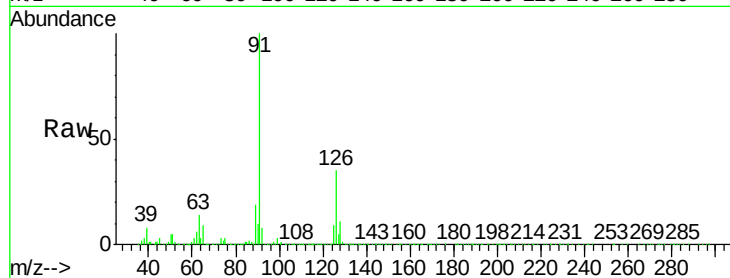
VSTDCCC050

Tgt Ion: 91 Resp: 783206

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.371 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014288.D

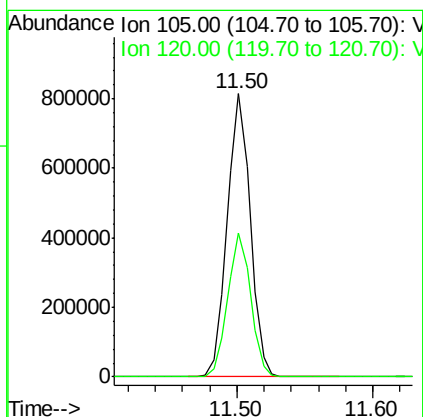
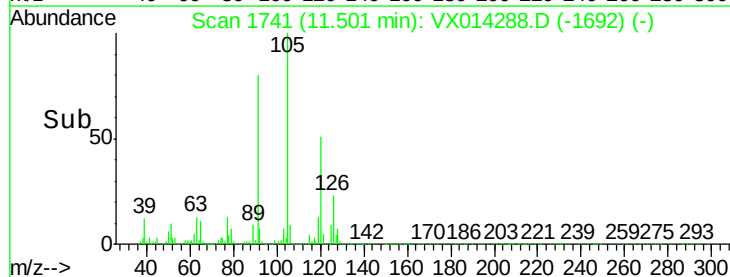
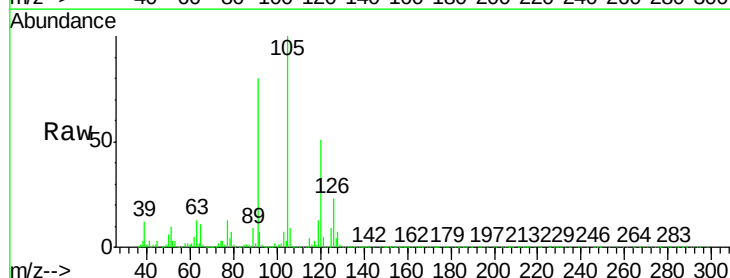
Acq: 26 Dec 2019 22:56

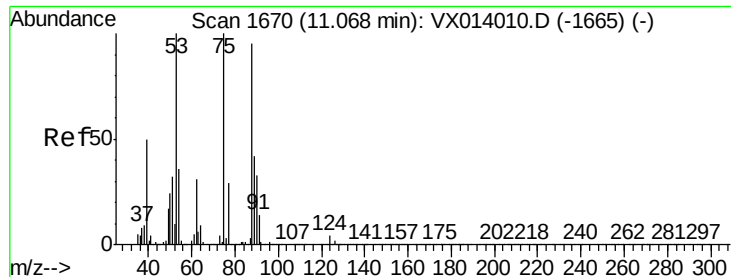
Tgt Ion: 105 Resp: 959081

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.046 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

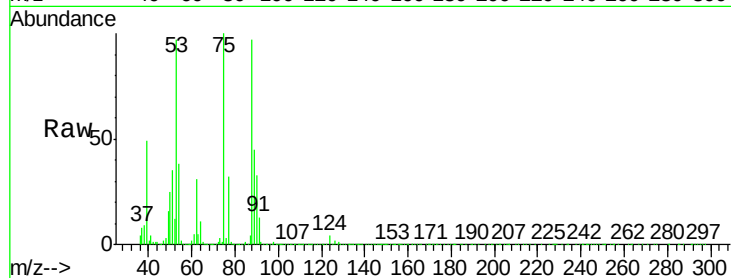
Tgt Ion: 75 Resp: 123689

Ion Ratio Lower Upper

75 100

53 98.6 76.7 115.1

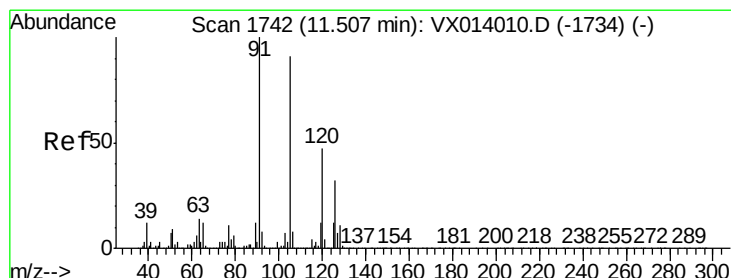
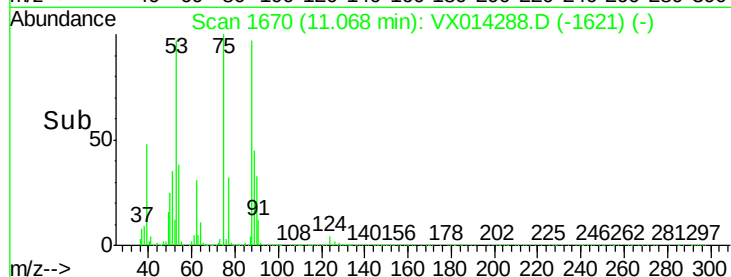
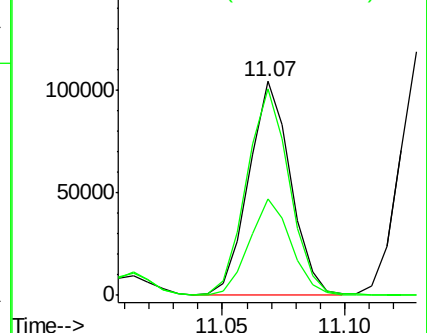
89 45.5 34.6 51.8



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: 49.614 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014288.D

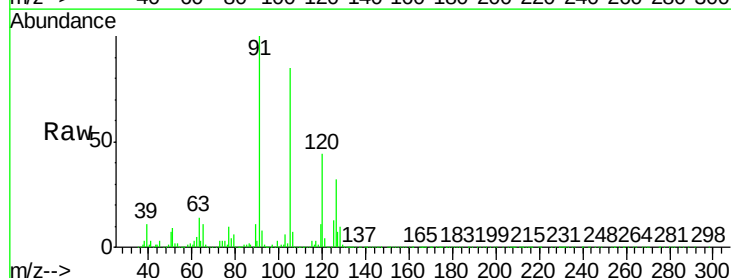
Acq: 26 Dec 2019 22:56

Tgt Ion: 91 Resp: 887769

Ion Ratio Lower Upper

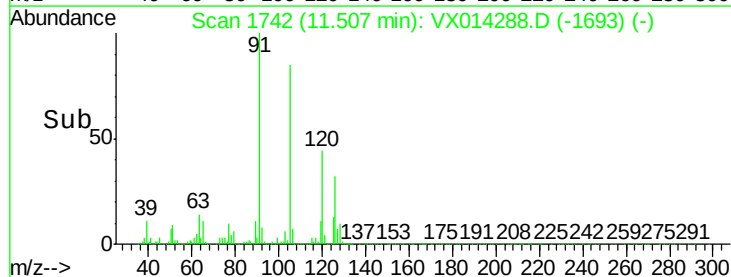
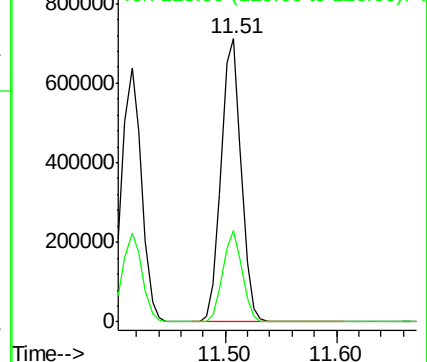
91 100

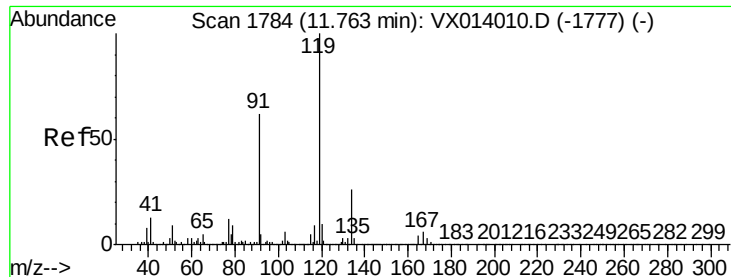
126 30.9 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

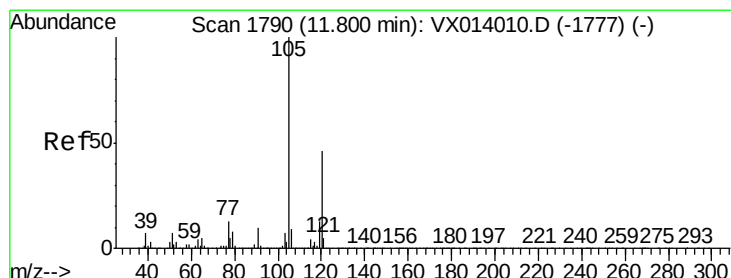
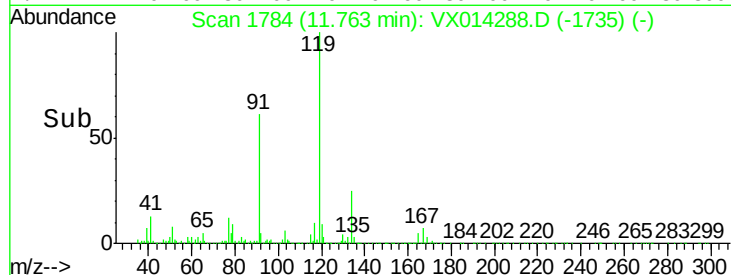
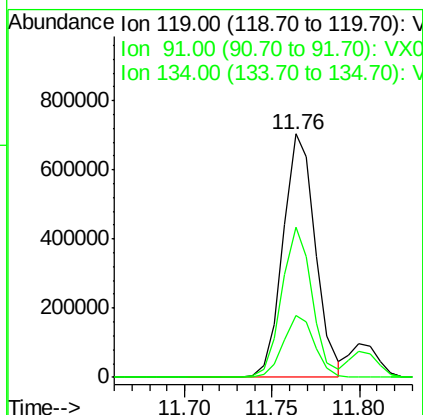
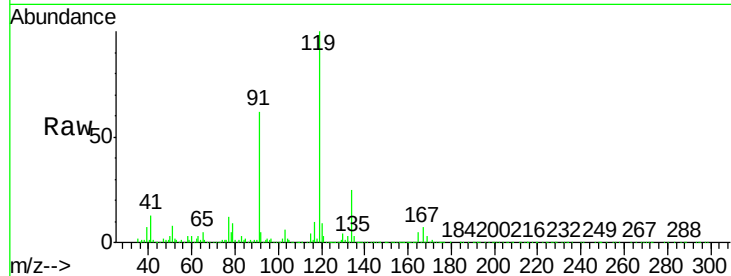




#83
 tert-Butylbenzene
 Concen: 49.166 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

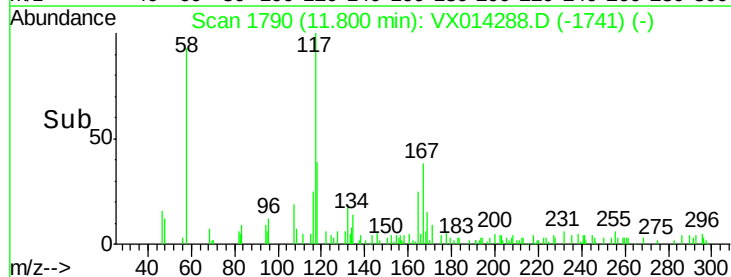
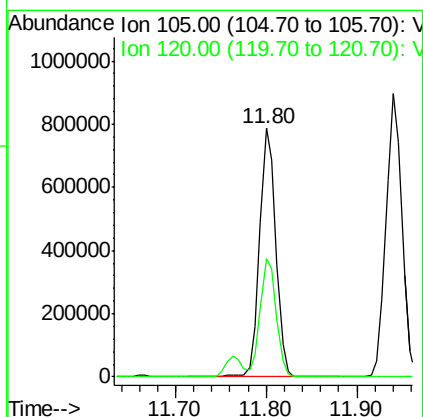
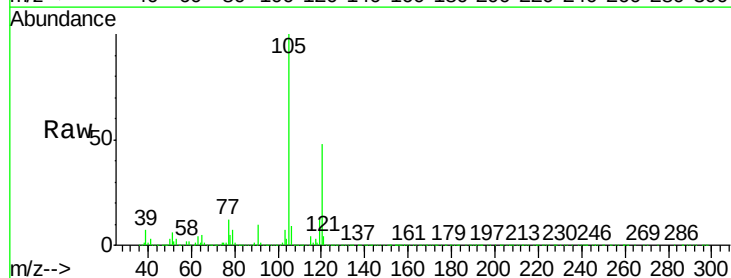
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

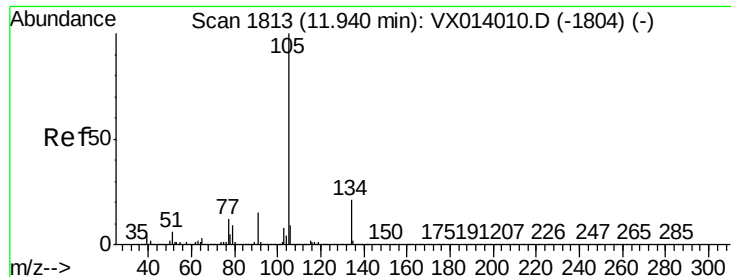
Tgt Ion:119 Resp: 911022
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.5 85.6
 134 24.7 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.739 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Tgt Ion:105 Resp: 967477
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.818 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

Instrument :

MSVOA_X

ClientSampleId :

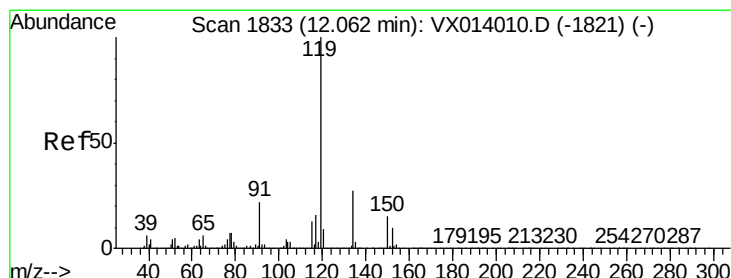
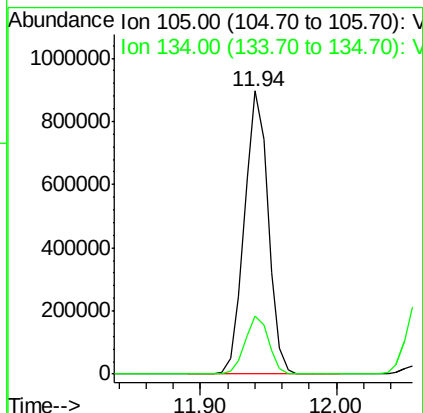
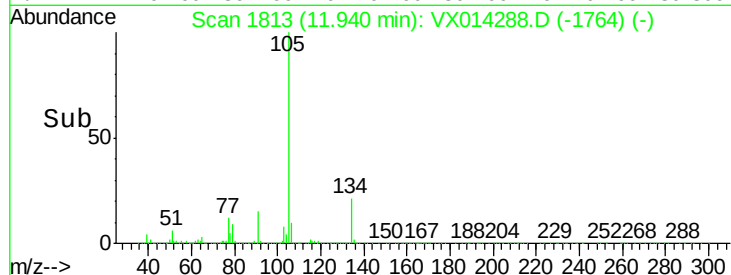
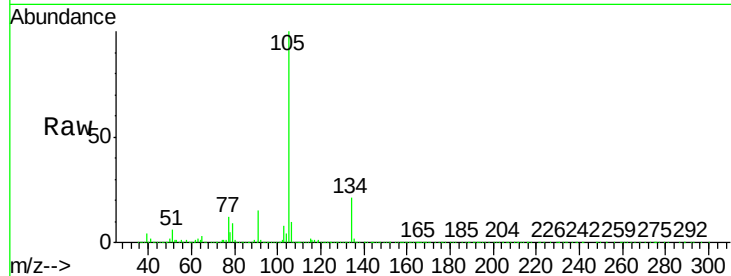
VSTDCCC050

Tgt Ion:105 Resp: 1089734

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.379 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014288.D

Acq: 26 Dec 2019 22:56

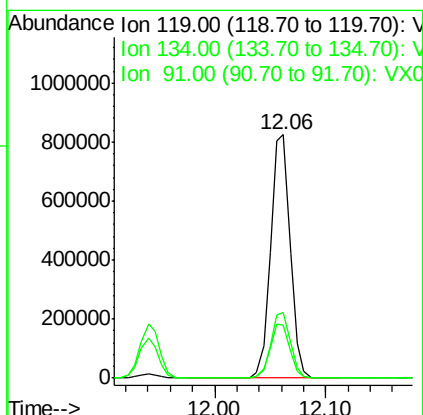
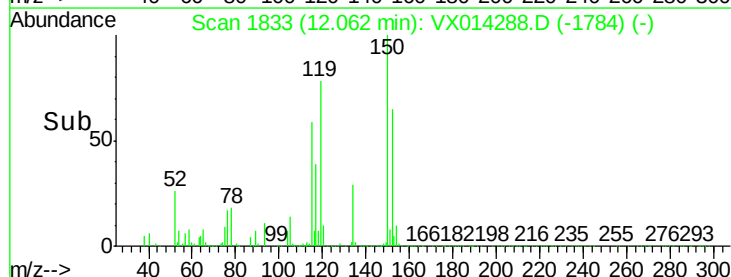
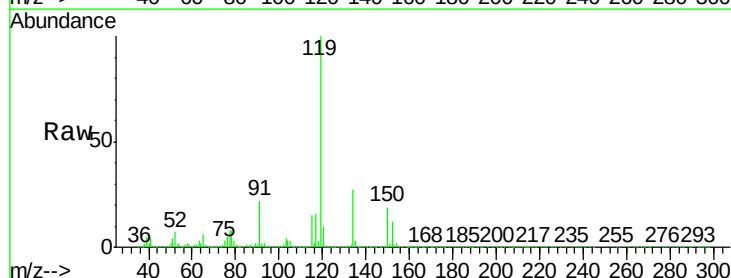
Tgt Ion:119 Resp: 1008055

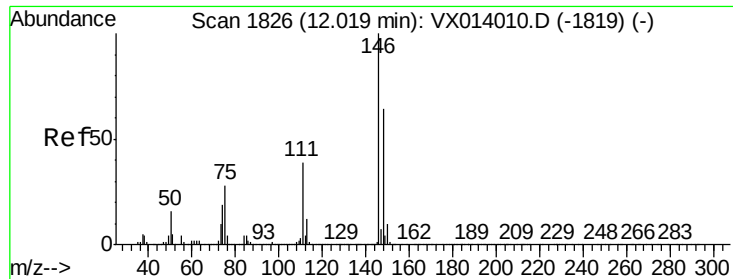
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.4 11.4 34.1

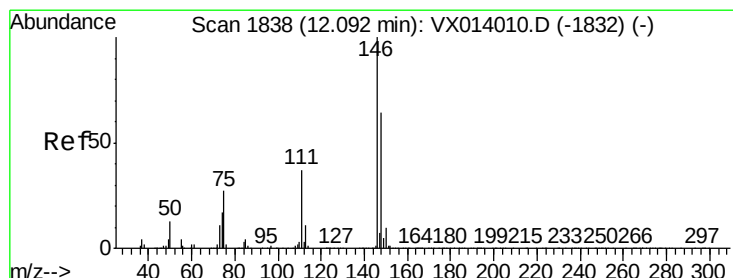
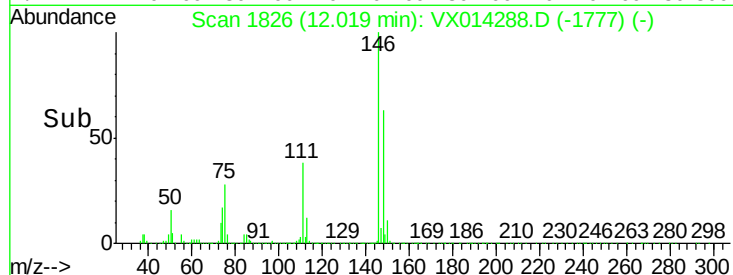
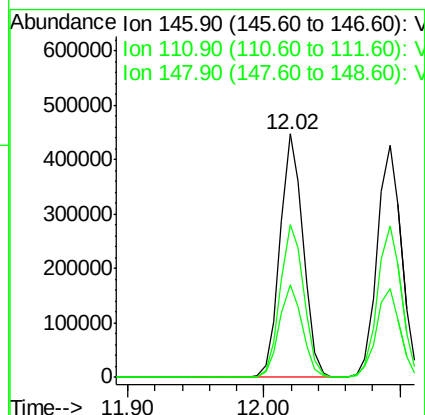
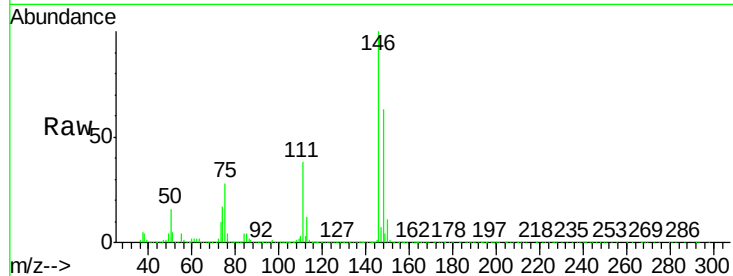




#87
 1,3-Dichlorobenzene
 Concen: 48.618 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

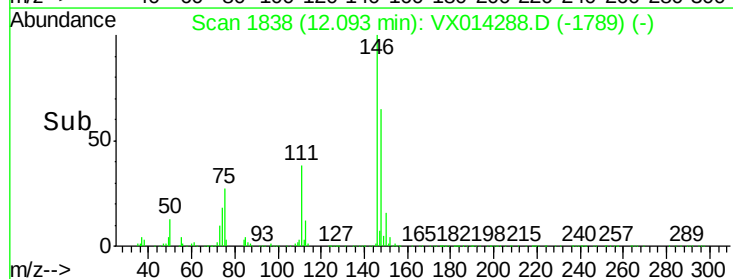
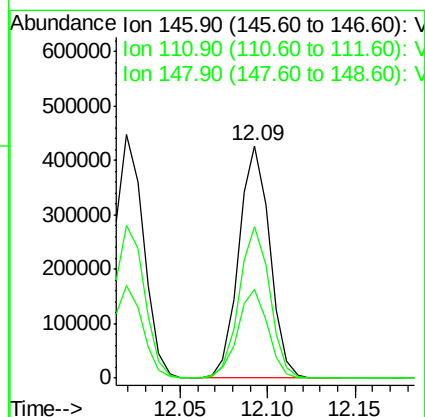
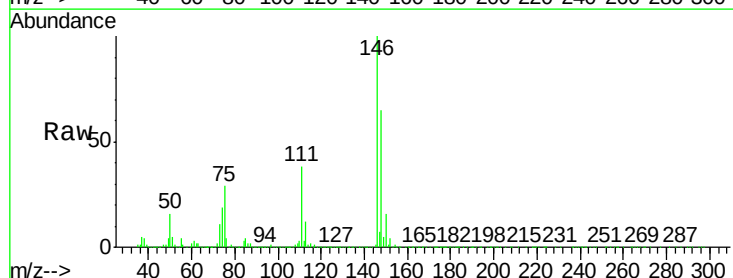
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

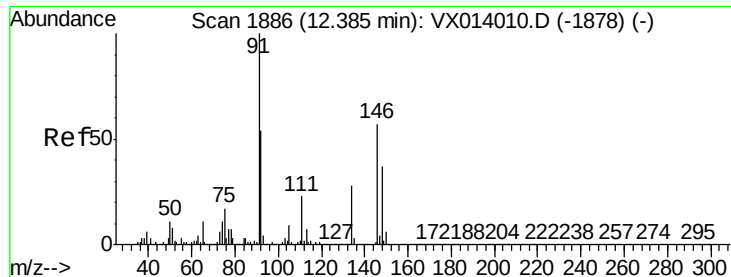
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.0	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 47.174 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	64.4	31.9	95.9

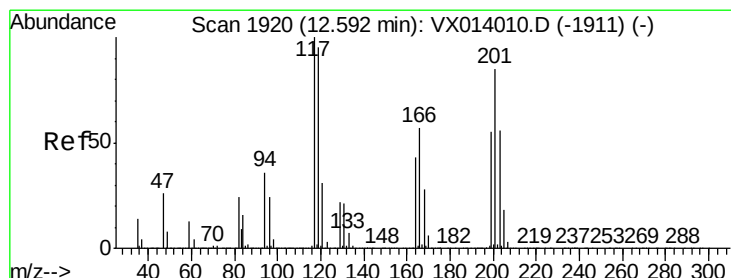
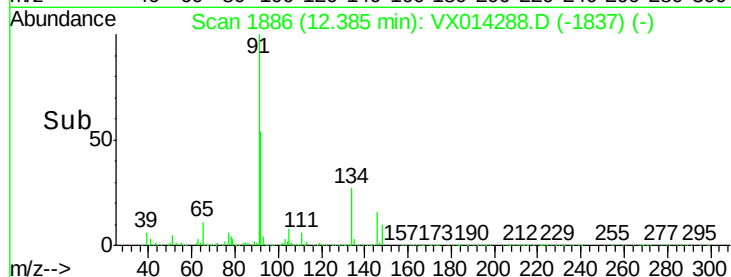
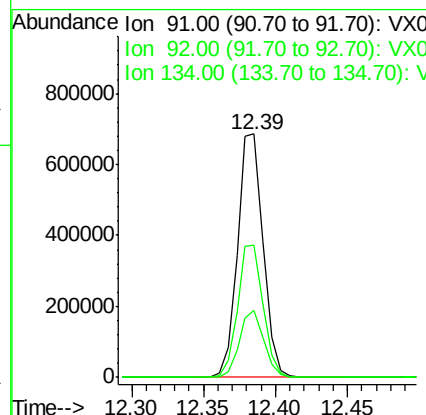
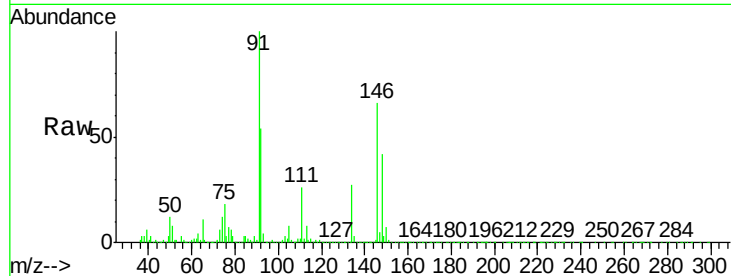




#89
n-Butylbenzene
Concen: 49.850 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

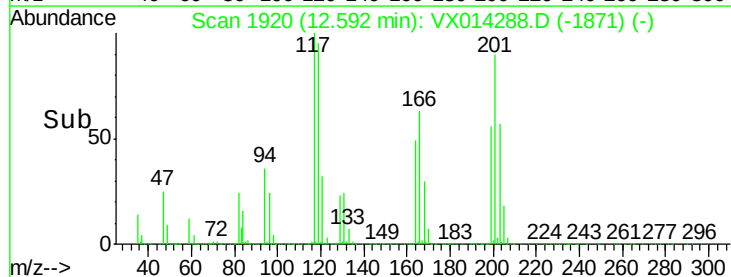
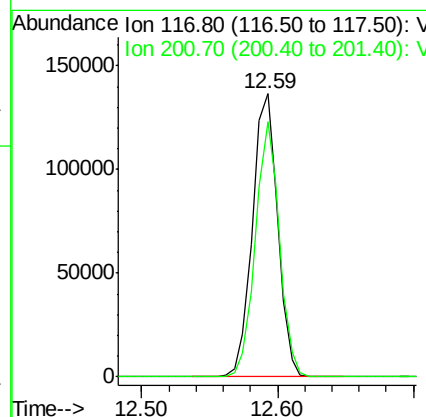
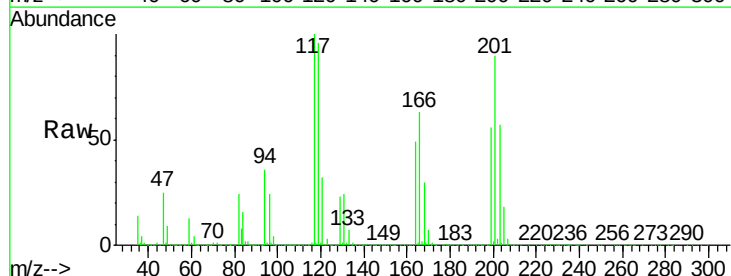
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

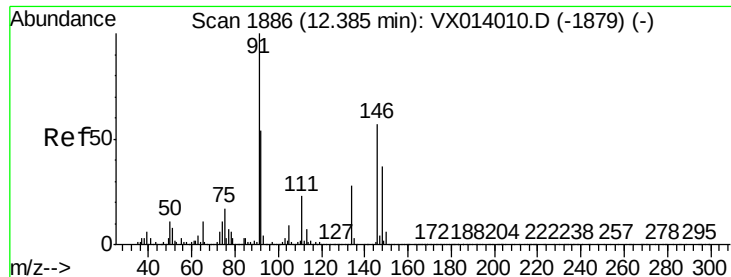
Tgt Ion: 91 Resp: 851108
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 26.3 13.4 40.1



#90
Hexachloroethane
Concen: 49.457 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion: 117 Resp: 177751
Ion Ratio Lower Upper
117 100
201 86.4 43.1 129.3

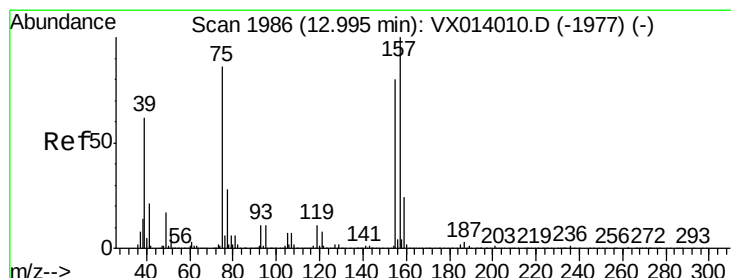
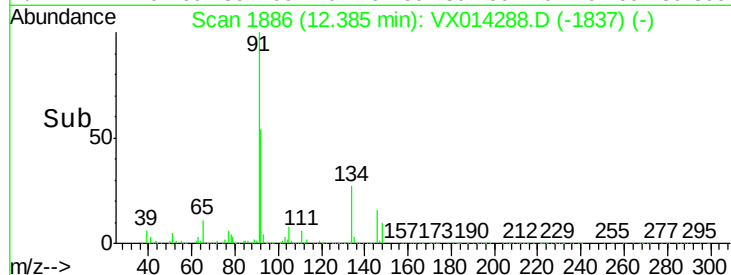
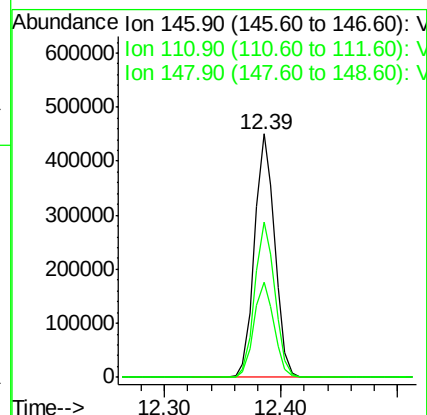
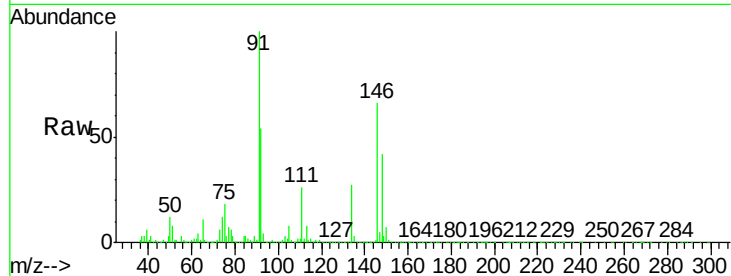




#91
 1,2-Dichlorobenzene
 Concen: 49.619 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

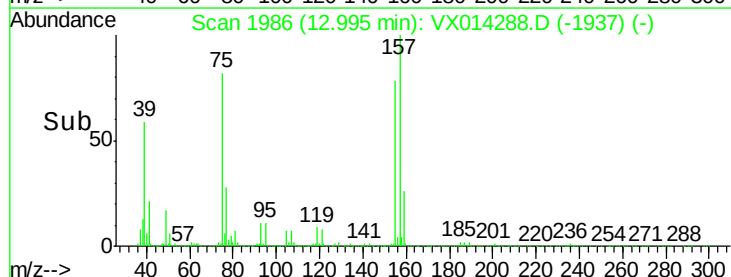
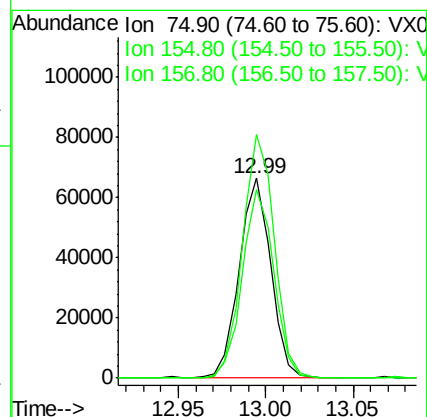
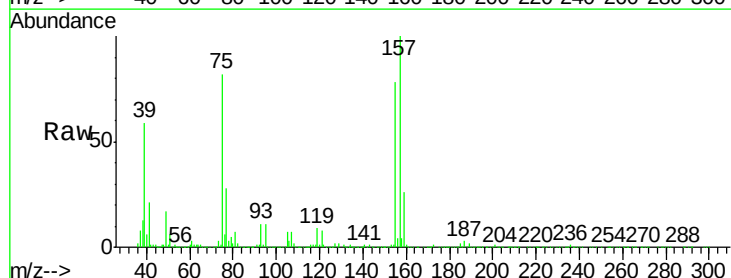
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

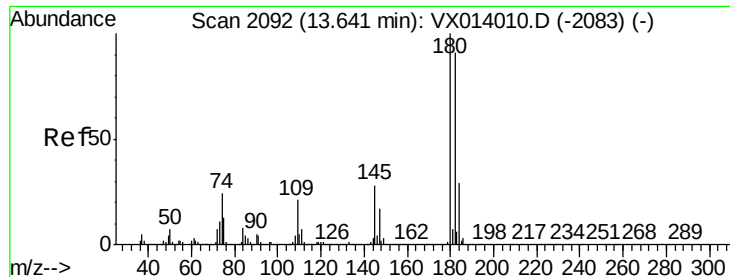
Tgt Ion: 146 Resp: 544919
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.1
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.076 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Tgt Ion: 75 Resp: 83447
 Ion Ratio Lower Upper
 75 100
 155 94.4 46.9 140.6
 157 123.0 60.8 182.4

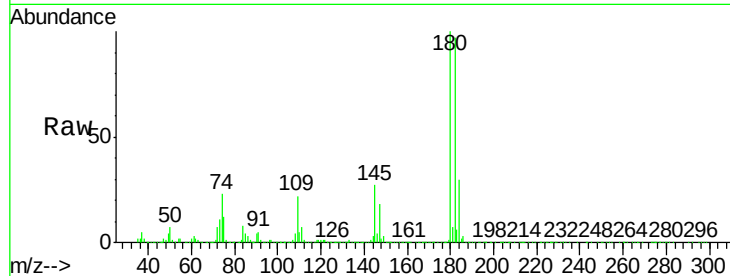




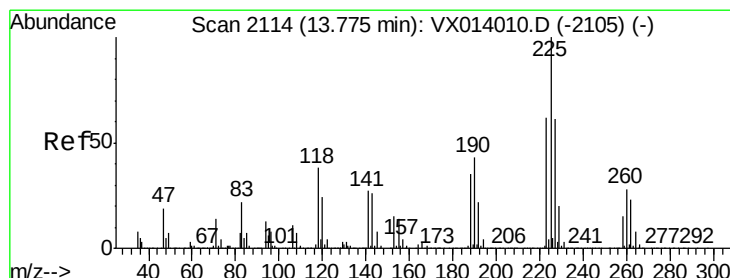
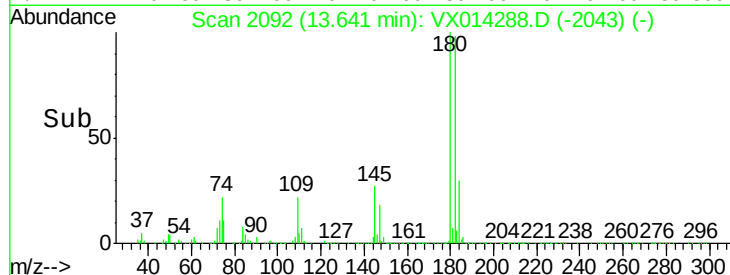
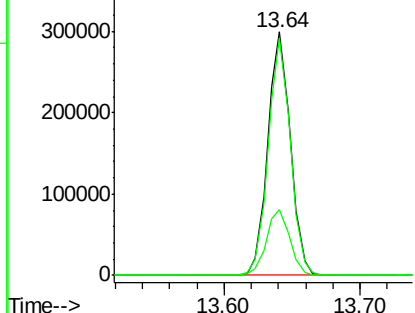
#93
 1,2,4-Trichlorobenzene
 Concen: 49.072 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.8
145	27.8	14.2	42.6

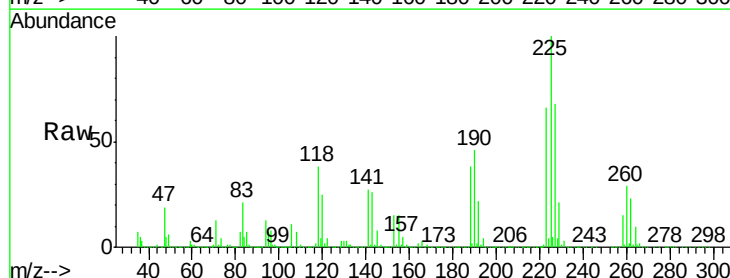


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

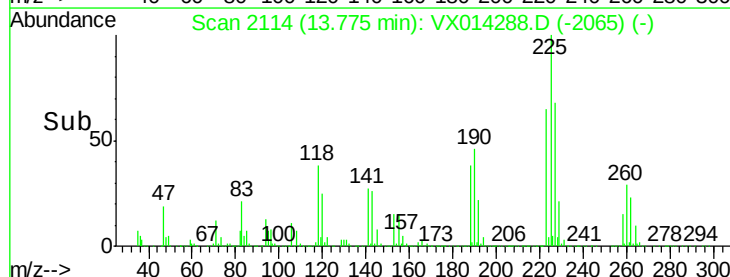
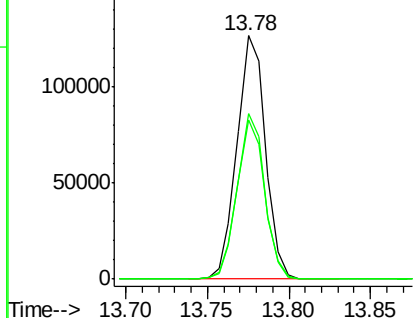


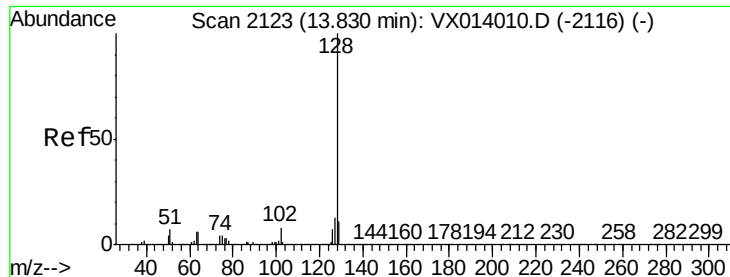
#94
 Hexachlorobutadiene
 Concen: 44.978 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014288.D
 Acq: 26 Dec 2019 22:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.5
227	65.7	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

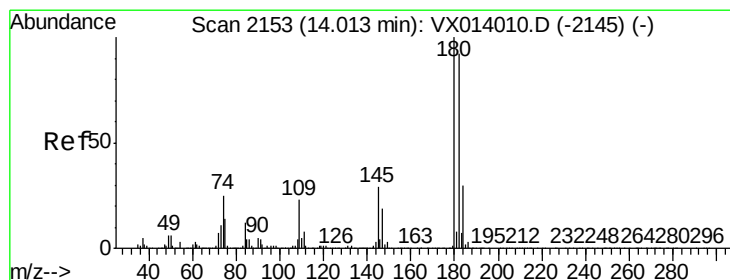
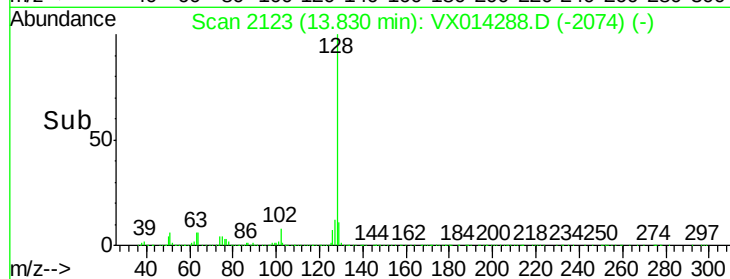
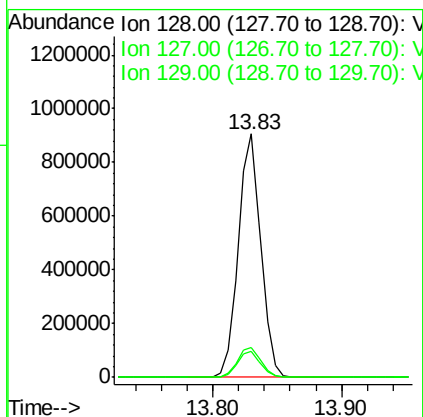
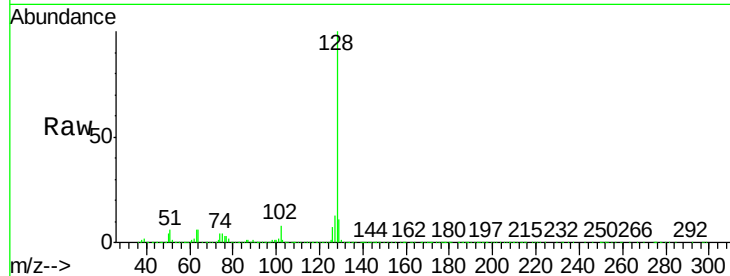




#95
Naphthalene
Concen: 52.308 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1096964
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.122 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014288.D
Acq: 26 Dec 2019 22:56

Tgt Ion:180 Resp: 360212
Ion Ratio Lower Upper
180 100
182 93.7 46.8 140.3
145 29.6 14.8 44.4

