

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
 Data File : VX014257.D
 Acq On : 24 Dec 2019 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 25 05:45:48 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	490919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	766847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	692634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336614	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	283267	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.49	113	238392	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	8.71	98	921571	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.14	95	328617	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	191630	43.633	ug/l	98
3) Chloromethane	1.32	50	272040	46.155	ug/l	100
4) Vinyl Chloride	1.40	62	293106	47.129	ug/l	99
5) Bromomethane	1.63	94	211460	47.905	ug/l	100
6) Chloroethane	1.72	64	188734	49.170	ug/l	95
7) Trichlorofluoromethane	1.92	101	373508	48.515	ug/l	99
8) Diethyl Ether	2.18	74	174275	48.233	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227519	49.025	ug/l	99
10) Methyl Iodide	2.50	142	301744	49.340	ug/l	98
11) Tert butyl alcohol	3.03	59	287467	239.112	ug/l	98
12) 1,1-Dichloroethene	2.37	96	226630	47.991	ug/l	99
13) Acrolein	2.28	56	178766	259.761	ug/l	100
14) Allyl chloride	2.72	41	421239	49.959	ug/l	99
15) Acrylonitrile	3.13	53	736481	262.458	ug/l	100
16) Acetone	2.43	43	615107	170.288	ug/l	99
17) Carbon Disulfide	2.56	76	588499	44.966	ug/l	100
18) Methyl Acetate	2.76	43	398696	55.702	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	801557	51.654	ug/l	98
20) Methylene Chloride	2.85	84	269133	47.315	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	250494	48.148	ug/l	99
22) Diisopropyl ether	3.84	45	868434	51.686	ug/l	92
23) Vinyl Acetate	3.80	43	2413080	175.991	ug/l	99
24) 1,1-Dichloroethane	3.69	63	464894	49.732	ug/l	99
25) 2-Butanone	4.65	43	1019333	228.891	ug/l	99
26) 2,2-Dichloropropane	4.58	77	318459	43.878	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	295402	50.206	ug/l	98
28) Bromochloromethane	5.00	49	197228	54.816	ug/l	97
29) Tetrahydrofuran	5.11	42	658534	264.378	ug/l	99
30) Chloroform	5.20	83	454273	51.263	ug/l	97
31) Cyclohexane	5.57	56	408422	49.124	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	378736	50.147	ug/l	98
36) 1,1-Dichloropropene	5.79	75	338751	48.144	ug/l	99
37) Ethyl Acetate	4.82	43	395213	50.864	ug/l	100
38) Carbon Tetrachloride	5.78	117	319853	49.899	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	408960	47.071	ug/l	99
40) Benzene	6.14	78	1057065	48.826	ug/l	99
41) Methacrylonitrile	5.03	41	221329	51.338	ug/l	99
42) 1,2-Dichloroethane	6.18	62	358762	48.886	ug/l	100
43) Isopropyl Acetate	6.43	43	654767	50.919	ug/l	100
44) Trichloroethene	7.21	130	303813	50.806	ug/l	96
45) 1,2-Dichloropropane	7.51	63	281922	50.806	ug/l	98
46) Dibromomethane	7.65	93	177807	48.465	ug/l	99
47) Bromodichloromethane	7.89	83	349454	50.576	ug/l	99
48) Methyl methacrylate	7.76	41	320641	50.922	ug/l	98
49) 1,4-Dioxane	7.73	88	115578	901.972	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2047980	253.599	ug/l	99
52) Toluene	8.78	92	657062	48.016	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	384359	50.732	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	426304	50.507	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	276694	50.450	ug/l	97
56) Ethyl methacrylate	9.17	69	448869	52.102	ug/l	99
57) 1,3-Dichloropropane	9.37	76	460838	49.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	869125	266.579	ug/l	100
59) 2-Hexanone	9.48	43	1555721	239.307	ug/l	99
60) Dibromochloromethane	9.57	129	287251	52.691	ug/l	100
61) 1,2-Dibromoethane	9.67	107	283643	50.547	ug/l	99
64) Tetrachloroethene	9.33	164	417914	68.187	ug/l	96
65) Chlorobenzene	10.14	112	714445	48.512	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	262289	49.880	ug/l	100
67) Ethyl Benzene	10.25	91	1252469	49.467	ug/l	100
68) m/p-Xylenes	10.35	106	955127	98.081	ug/l	100
69) o-Xylene	10.70	106	468386	49.042	ug/l	100
70) Styrene	10.71	104	793101	49.108	ug/l	99
71) Bromoform	10.85	173	216756	51.280	ug/l	# 100
73) Isopropylbenzene	11.01	105	1221897	51.556	ug/l	100
74) N-amyl acetate	10.89	43	568470	51.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	383051	46.619	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	479387	65.599	ug/l	88
77) Bromobenzene	11.25	156	321747	49.342	ug/l	98
78) n-propylbenzene	11.35	91	1374512	51.705	ug/l	99
79) 2-Chlorotoluene	11.42	91	815167	50.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1007124	50.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133059	51.392	ug/l	97
82) 4-Chlorotoluene	11.51	91	941732	50.240	ug/l	99
83) tert-Butylbenzene	11.76	119	867239	44.678	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	1016092	50.868	ug/l	100
85) sec-Butylbenzene	11.94	105	1171264	51.113	ug/l	100
86) p-Isopropyltoluene	12.06	119	1070874	51.088	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	555487	48.606	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	556539	47.893	ug/l	99
89) n-Butylbenzene	12.38	91	910209	50.891	ug/l	99
90) Hexachloroethane	12.59	117	192287	51.072	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	565085	49.118	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85208	46.861	ug/l	97

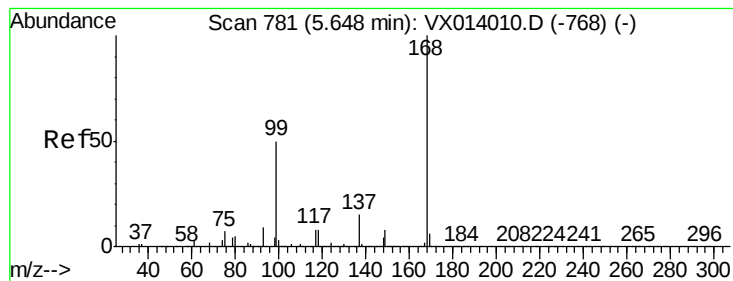
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364850	48.793	ug/l	97
94) Hexachlorobutadiene	13.77	225	170167	47.352	ug/l	98
95) Naphthalene	13.83	128	1138165	51.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	374294	50.708	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

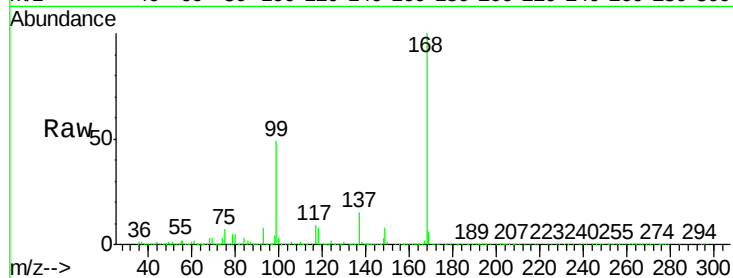
VSTDCCC050EC

Tgt Ion:168 Resp: 490919

Ion Ratio Lower Upper

168 100

99 49.1 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

200000

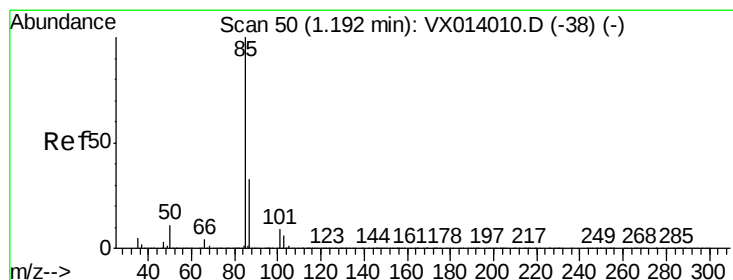
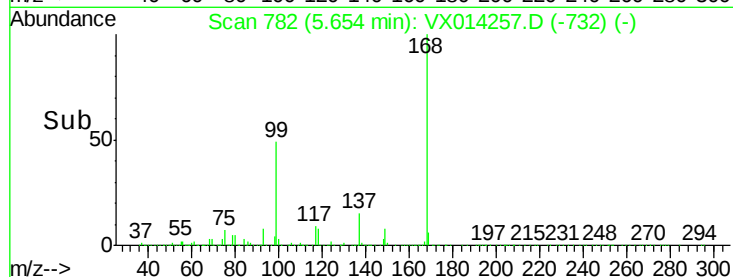
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.633 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014257.D

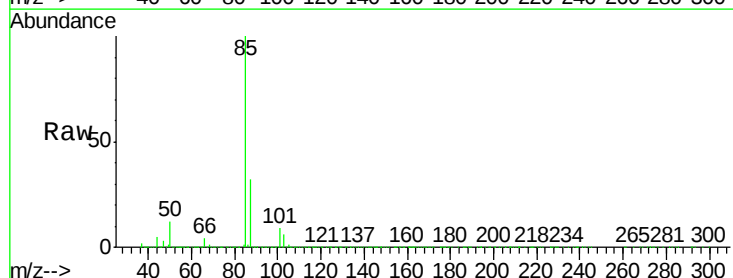
Acq: 24 Dec 2019 19:54

Tgt Ion: 85 Resp: 191630

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

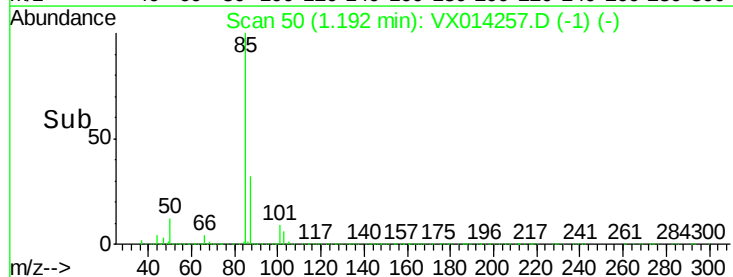
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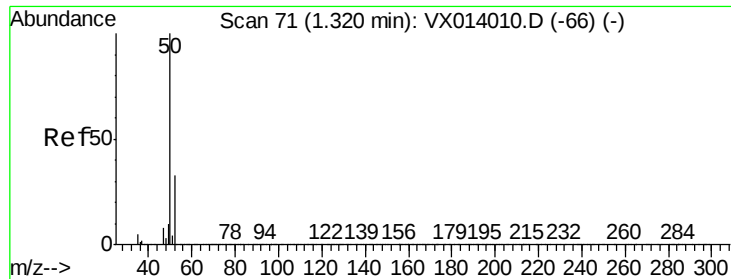
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50000

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Time-->





#3

Chloromethane

Concen: 46.155 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

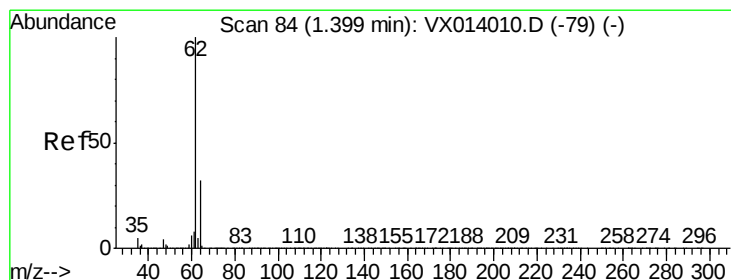
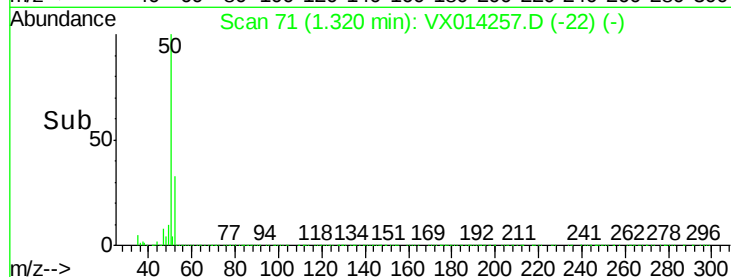
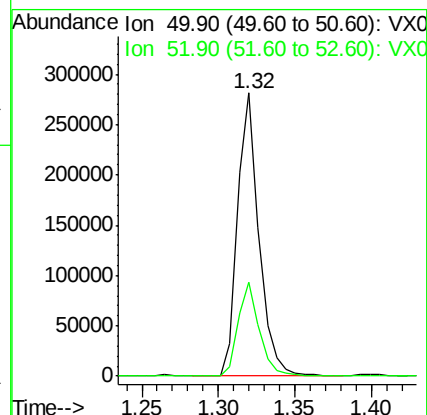
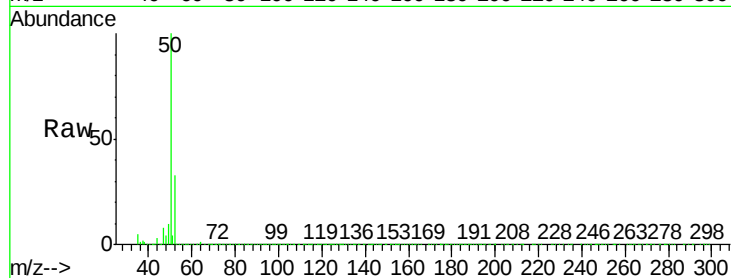
VSTDCCC050EC

Tgt Ion: 50 Resp: 272040

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 47.129 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014257.D

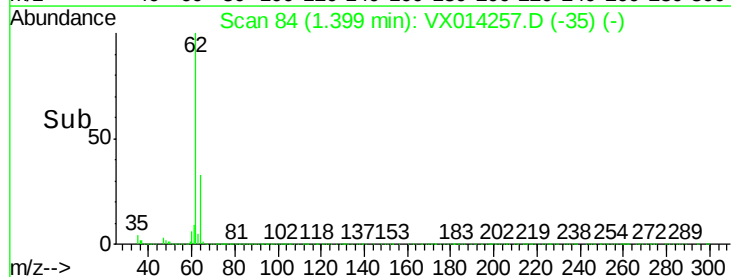
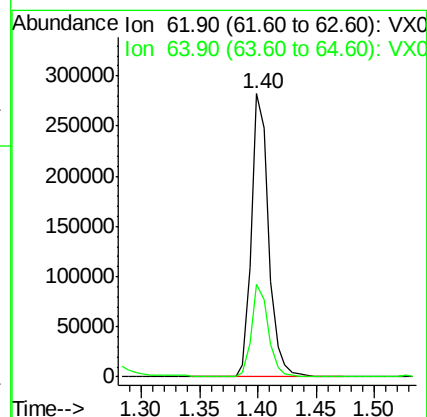
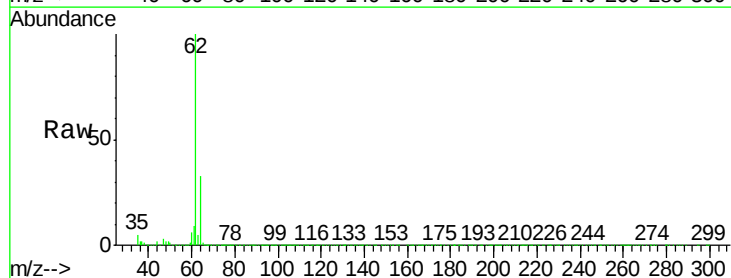
Acq: 24 Dec 2019 19:54

Tgt Ion: 62 Resp: 293106

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 47.905 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

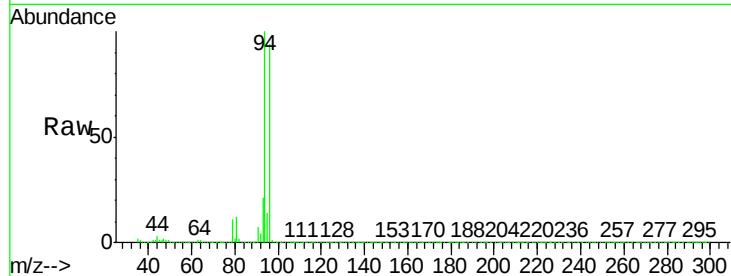
VSTDCCC050EC

Tgt Ion: 94 Resp: 211460

Ion Ratio Lower Upper

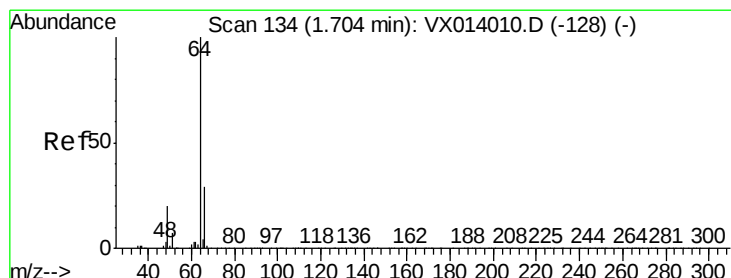
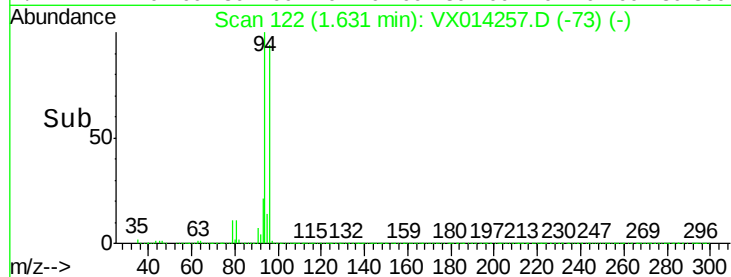
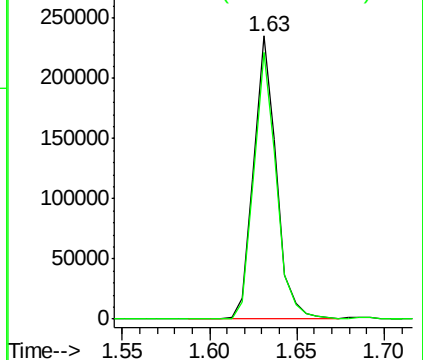
94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.170 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014257.D

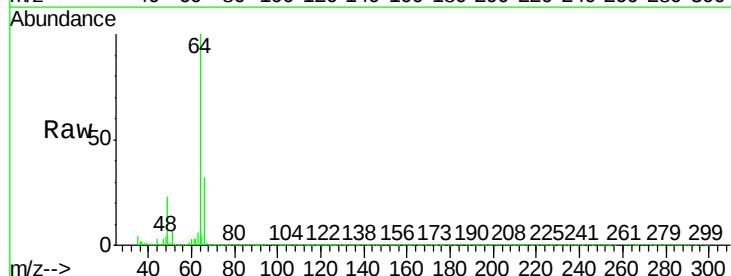
Acq: 24 Dec 2019 19:54

Tgt Ion: 64 Resp: 188734

Ion Ratio Lower Upper

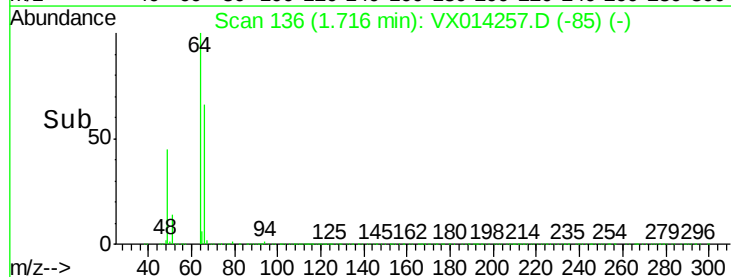
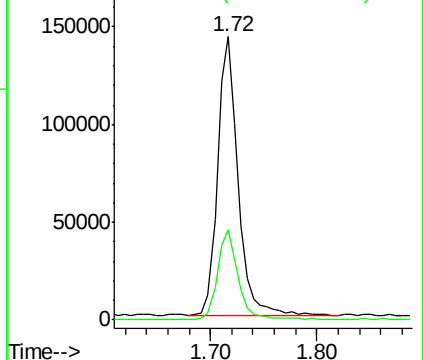
64 100

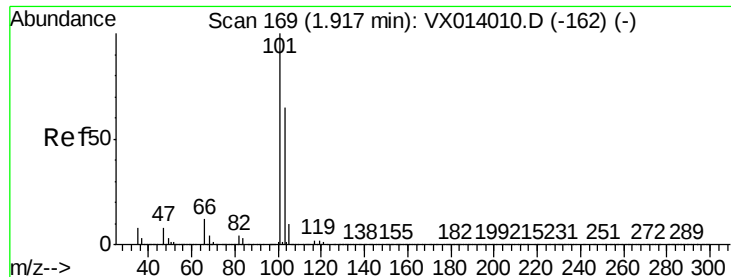
66 31.9 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



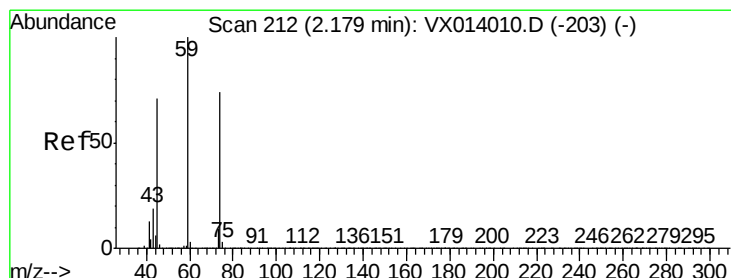
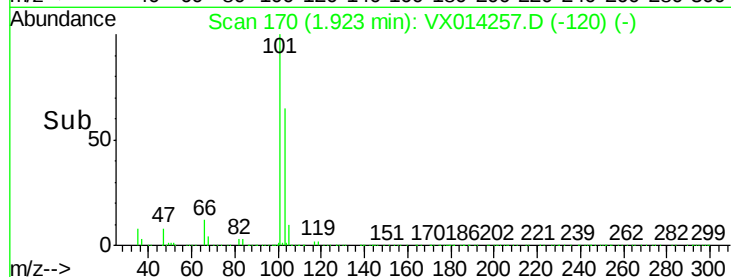
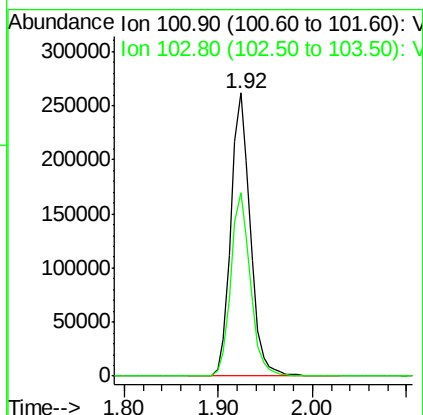
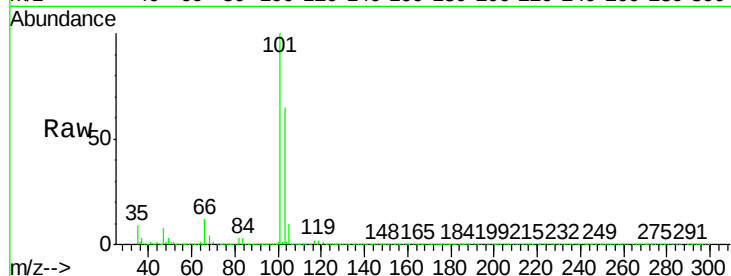


#7

Trichlorofluoromethane
Concen: 48.515 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

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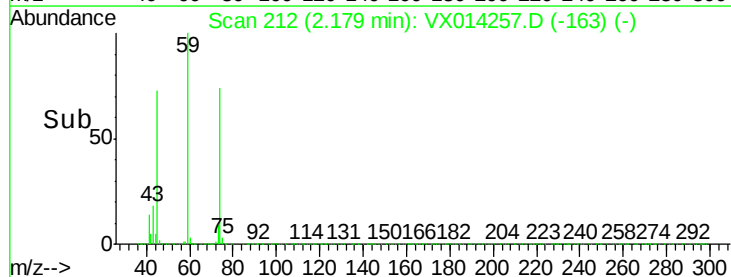
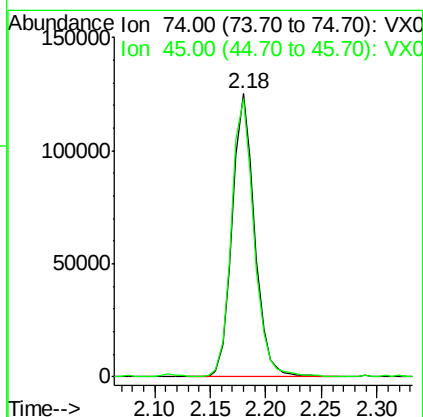
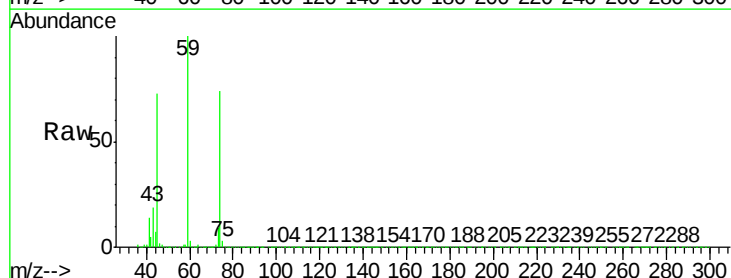
Tgt Ion:101 Resp: 373508
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4



#8

Diethyl Ether
Concen: 48.233 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 74 Resp: 174275
Ion Ratio Lower Upper
74 100
45 98.5 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.025 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

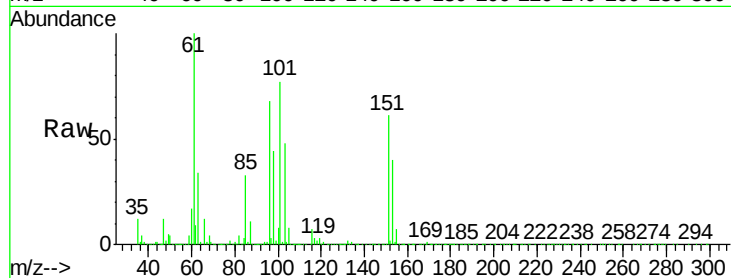
Tgt Ion:101 Resp: 227519

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

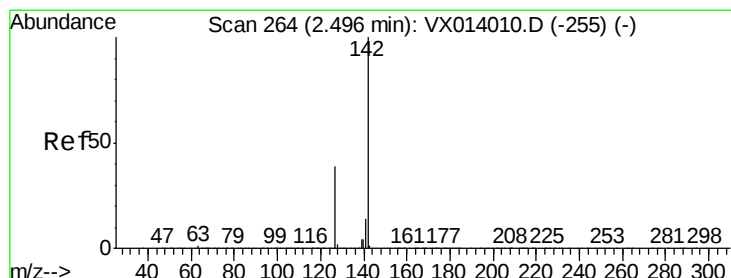
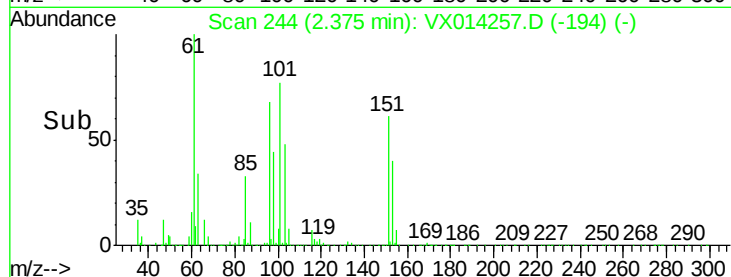
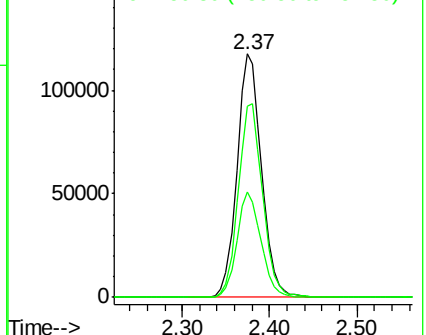
151 79.6 64.5 96.7



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: 49.340 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

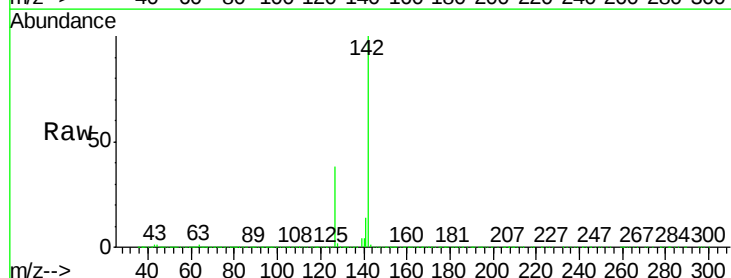
Tgt Ion:142 Resp: 301744

Ion Ratio Lower Upper

142 100

127 38.1 31.6 47.4

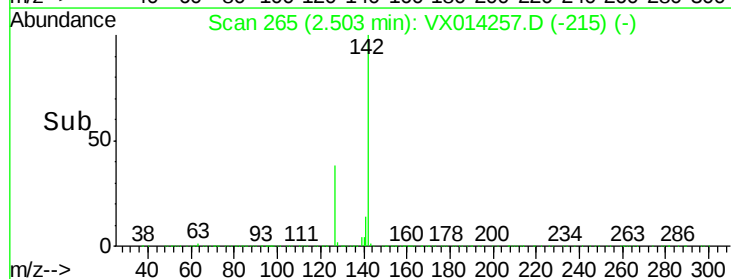
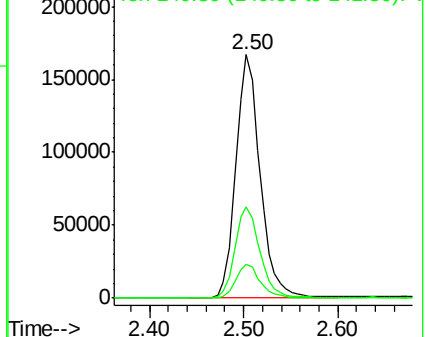
141 13.8 11.6 17.4

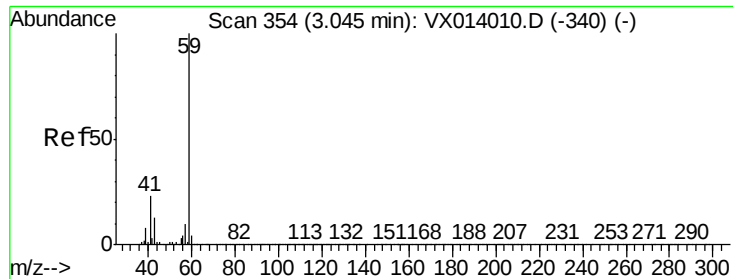


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

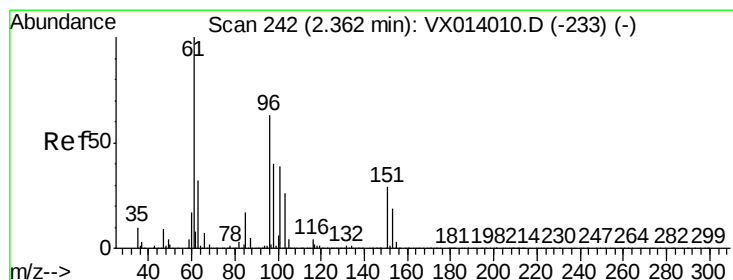
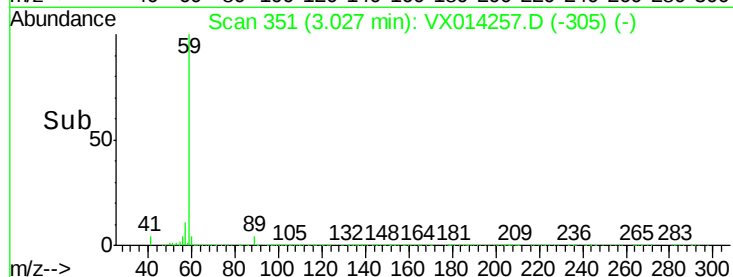
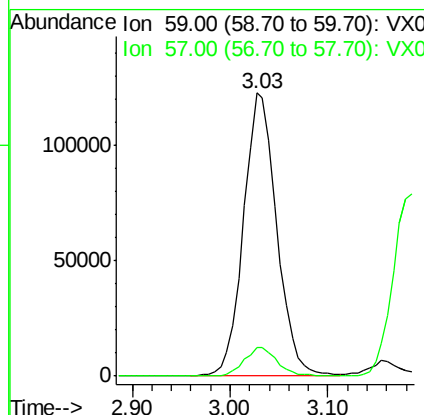
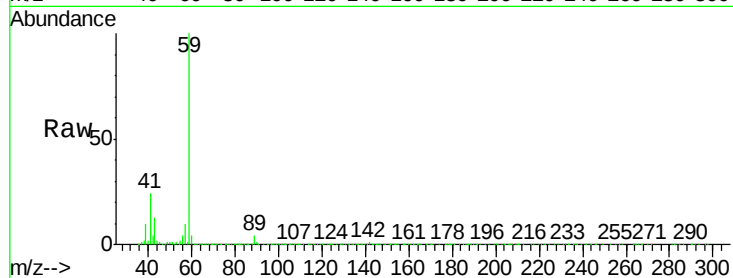




#11
Tert butyl alcohol
Concen: 239.112 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

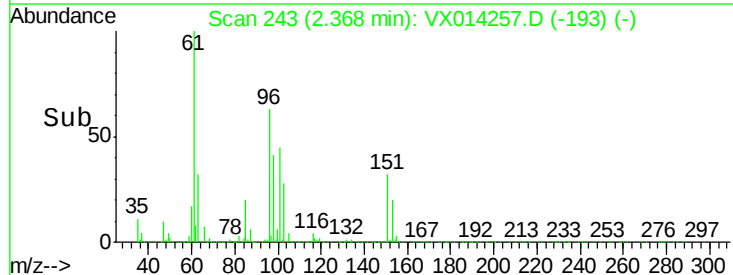
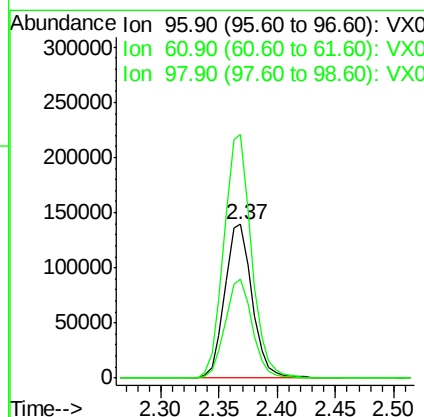
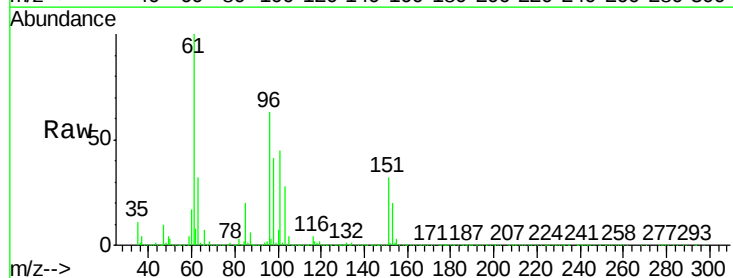
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 287467
Ion Ratio Lower Upper
59 100
57 9.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.991 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 96 Resp: 226630
Ion Ratio Lower Upper
96 100
61 158.7 127.9 191.9
98 64.7 50.5 75.7





#13

Acrolein

Concen: 259.761 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

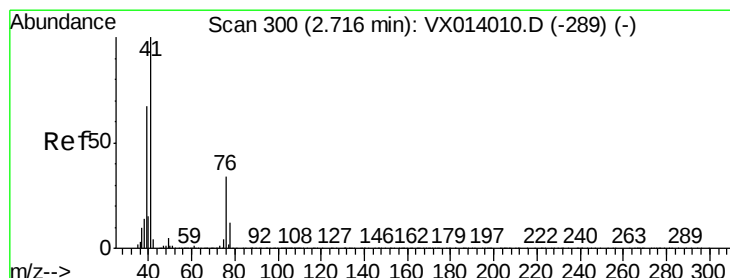
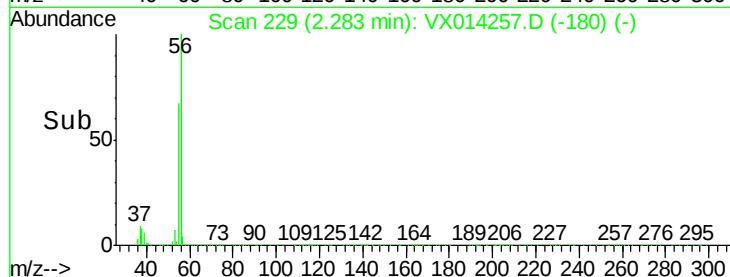
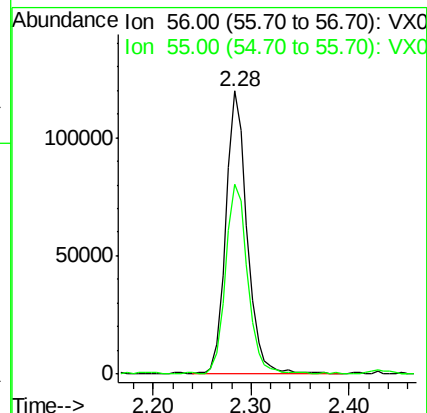
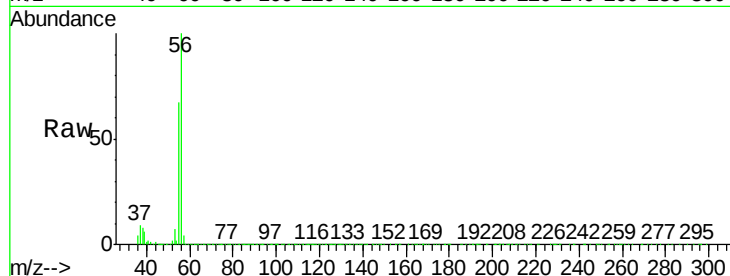
VSTDCCC050EC

Tgt Ion: 56 Resp: 178766

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Allyl chloride

Concen: 49.959 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

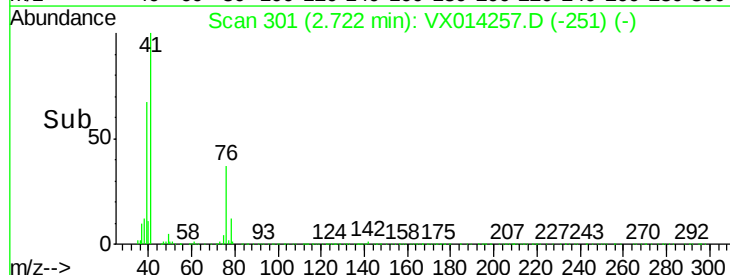
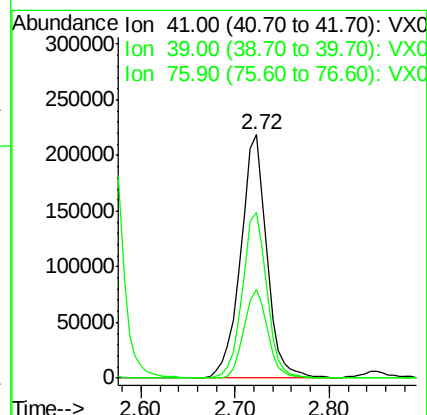
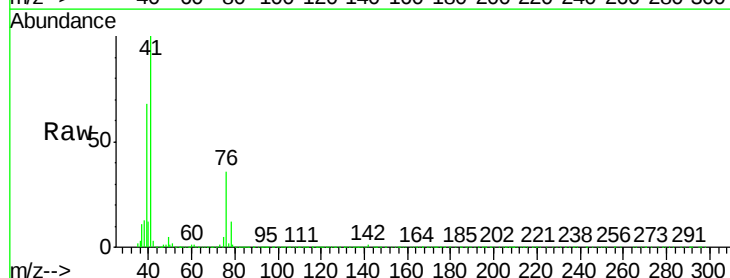
Tgt Ion: 41 Resp: 421239

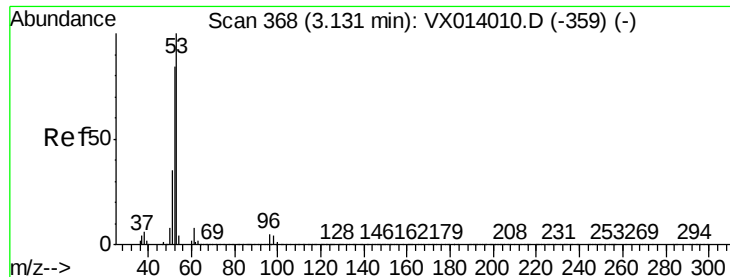
Ion Ratio Lower Upper

41 100

39 63.9 51.8 77.8

76 33.0 25.9 38.9





#15

Acrylonitrile

Concen: 262.458 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

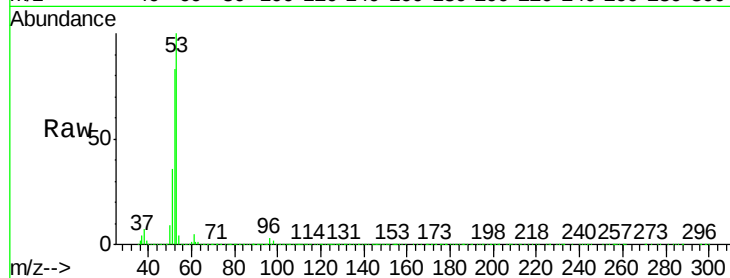
Tgt Ion: 53 Resp: 736481

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

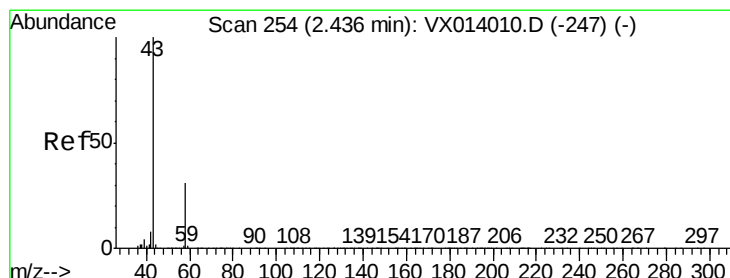
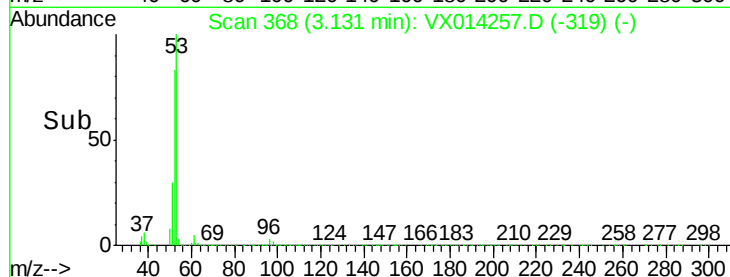
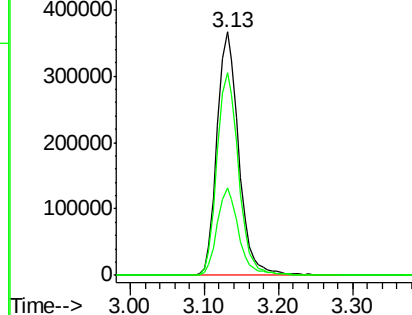
51 35.5 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 170.288 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014257.D

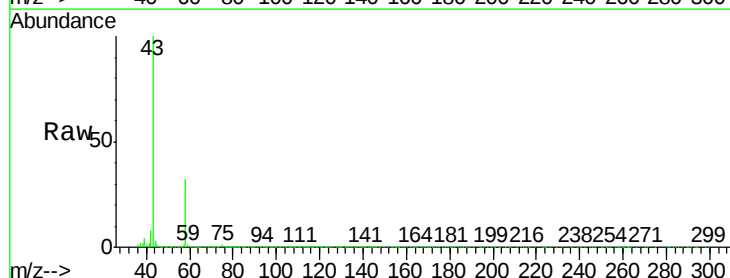
Acq: 24 Dec 2019 19:54

Tgt Ion: 43 Resp: 615107

Ion Ratio Lower Upper

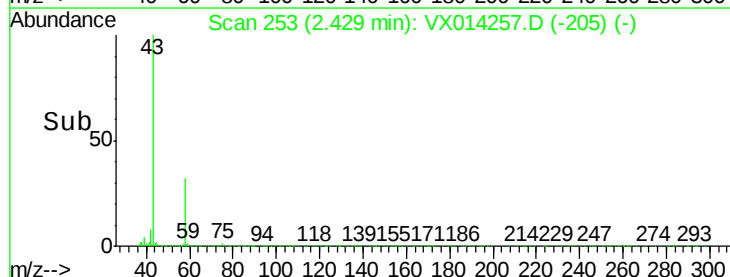
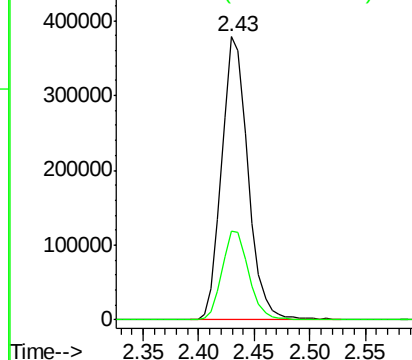
43 100

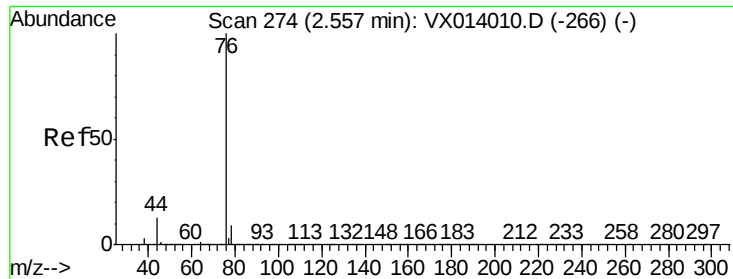
58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.966 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

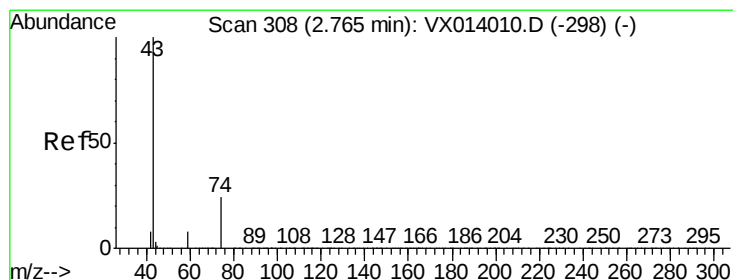
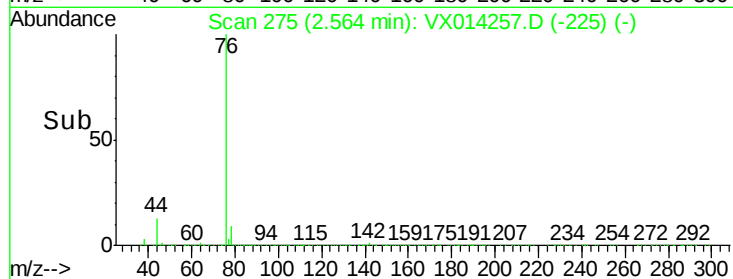
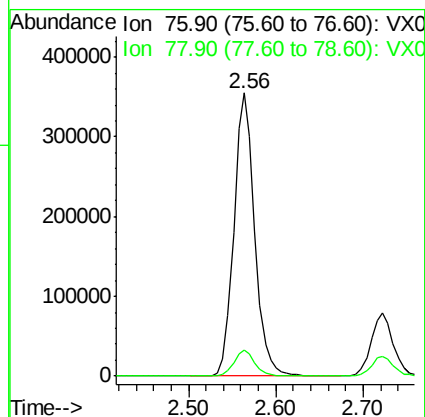
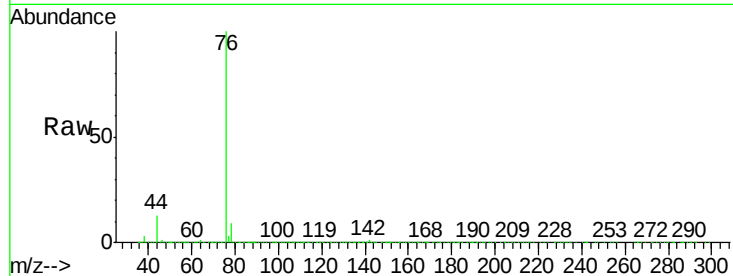
VSTDCCC050EC

Tgt Ion: 76 Resp: 588499

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 55.702 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014257.D

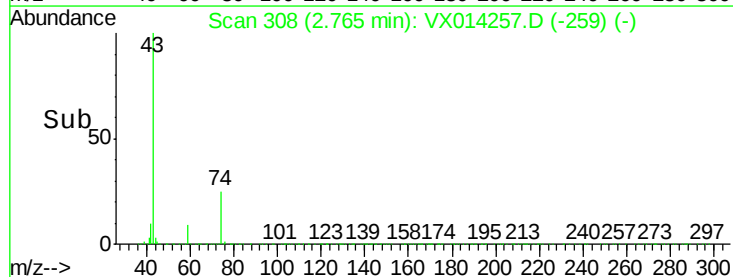
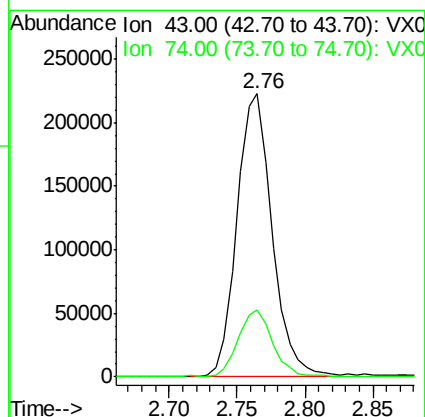
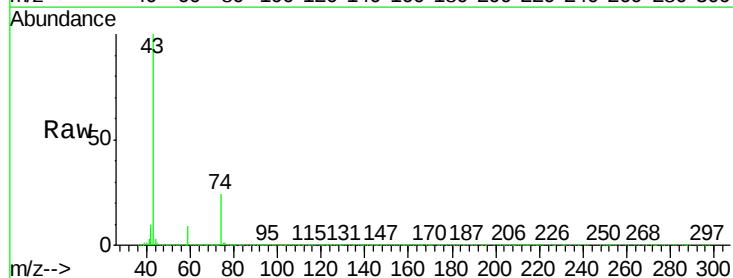
Acq: 24 Dec 2019 19:54

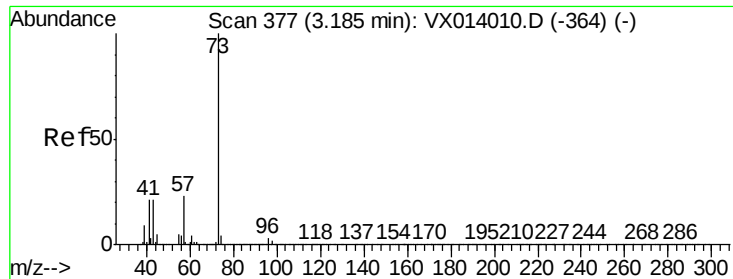
Tgt Ion: 43 Resp: 398696

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



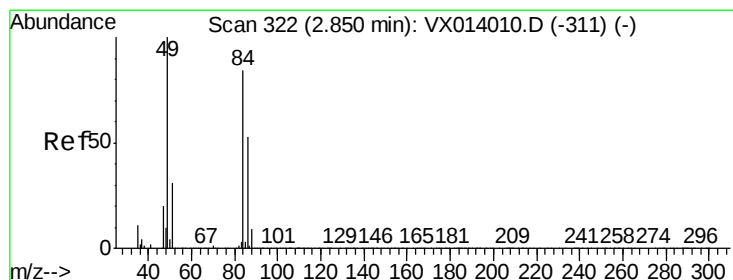
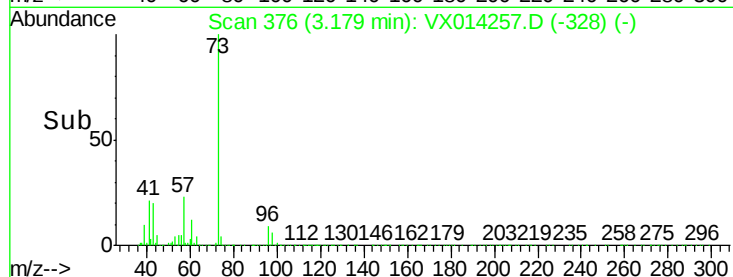
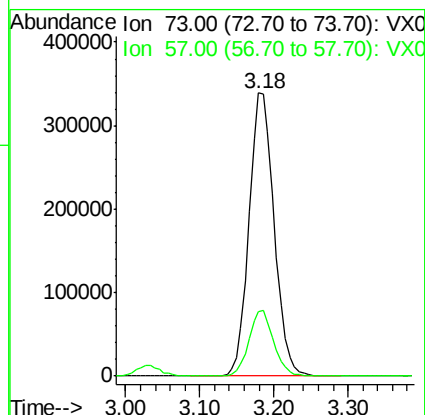
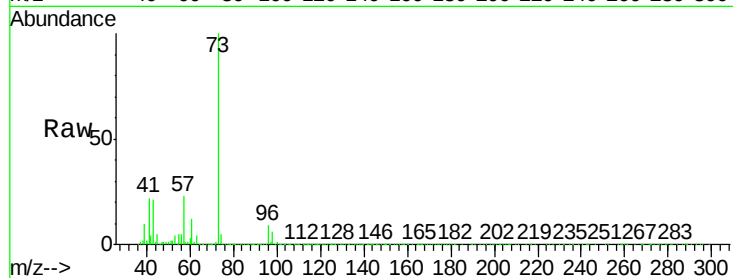


#19

Methyl tert-butyl Ether
Concen: 51.654 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

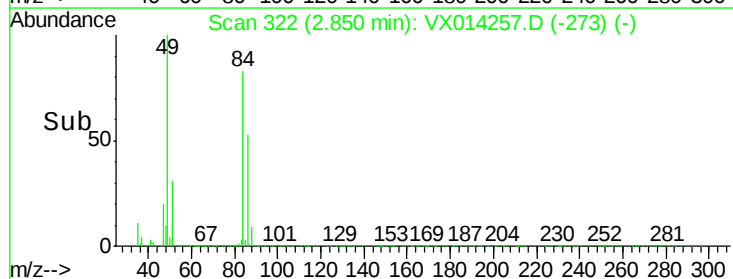
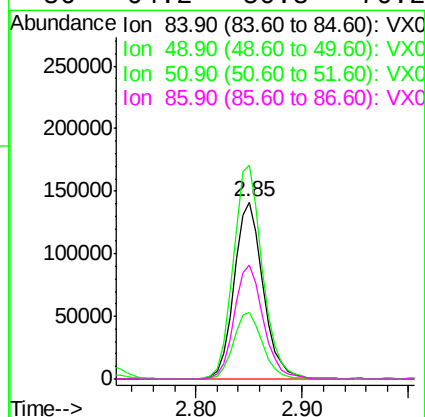
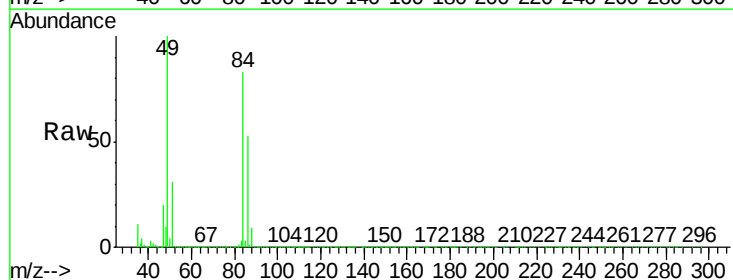
Tgt Ion: 73 Resp: 801557
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2

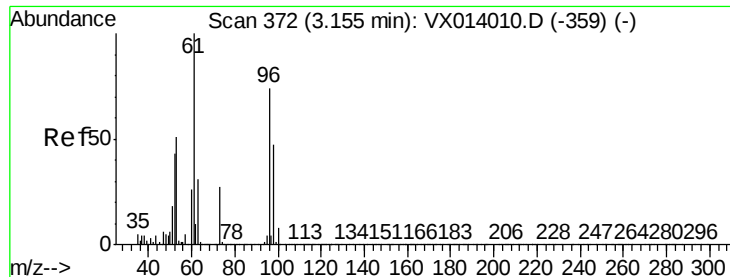


#20

Methylene Chloride
Concen: 47.315 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 84 Resp: 269133
Ion Ratio Lower Upper
84 100
49 120.7 95.8 143.6
51 37.2 29.8 44.8
86 64.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.148 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

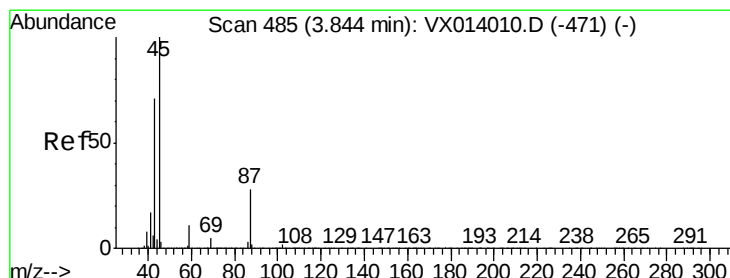
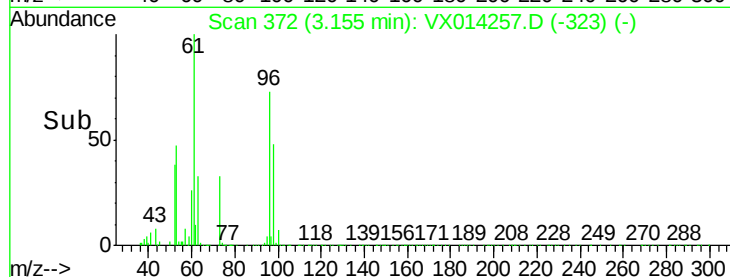
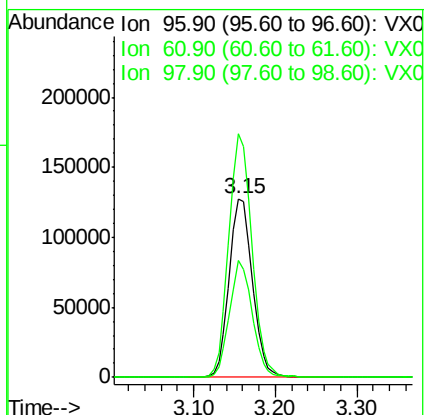
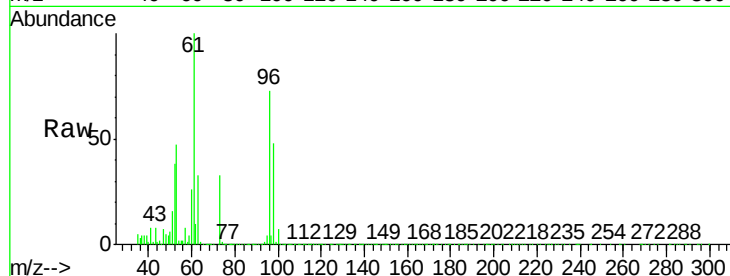
Tgt Ion: 96 Resp: 250494

Ion Ratio Lower Upper

96 100

61 136.5 108.3 162.5

98 65.3 50.8 76.2



#22

Diisopropyl ether

Concen: 51.686 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion: 45 Resp: 868434

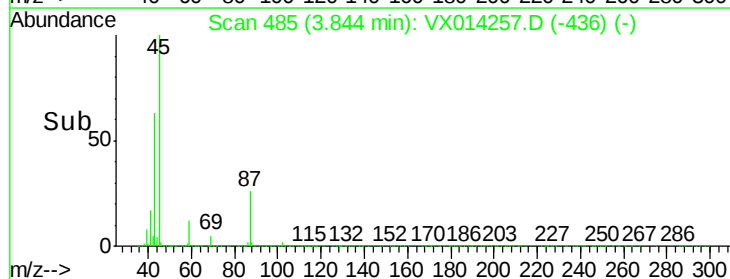
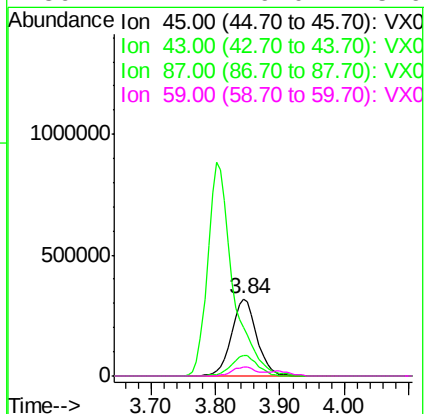
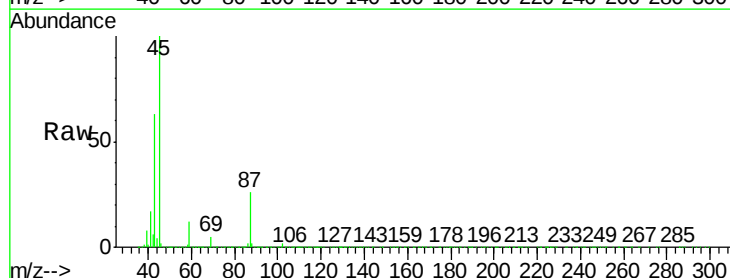
Ion Ratio Lower Upper

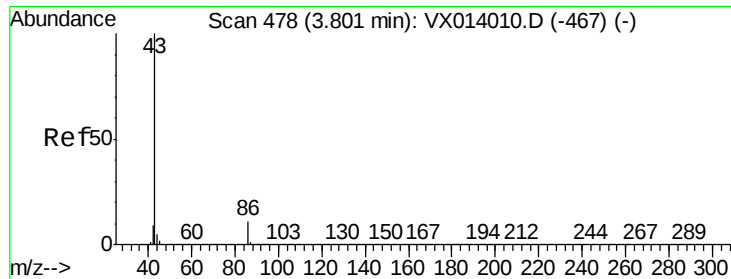
45 100

43 62.4 57.4 86.0

87 26.0 21.9 32.9

59 11.7 9.0 13.6





#23

Vinyl Acetate

Concen: 175.991 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

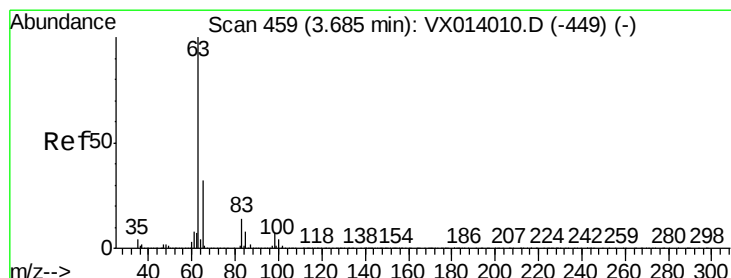
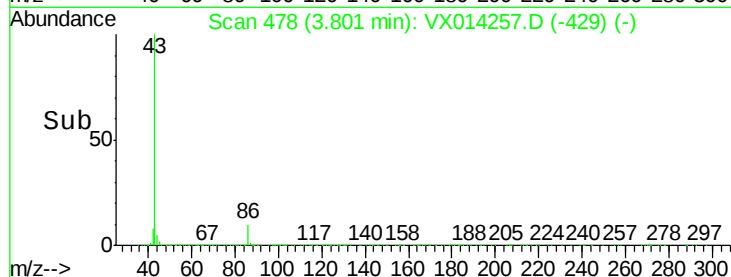
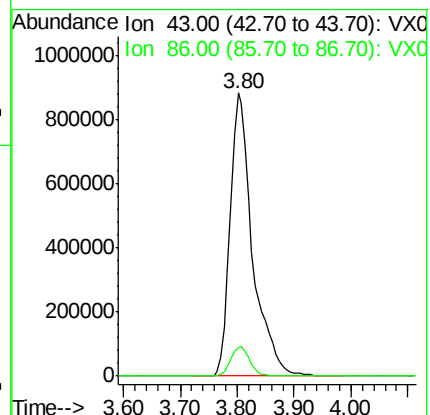
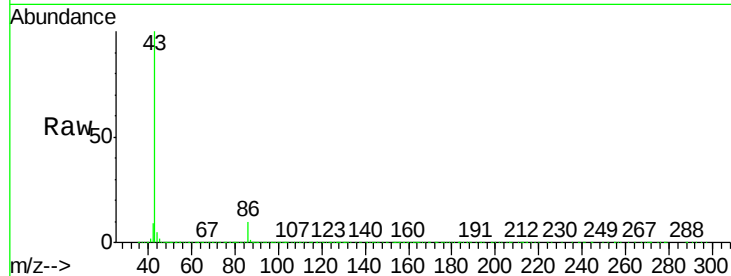
VSTDCCC050EC

Tgt Ion: 43 Resp: 2413080

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.732 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

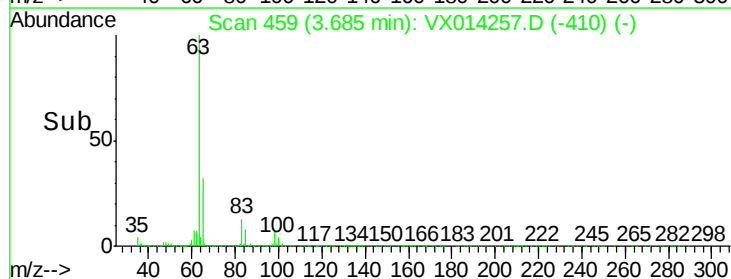
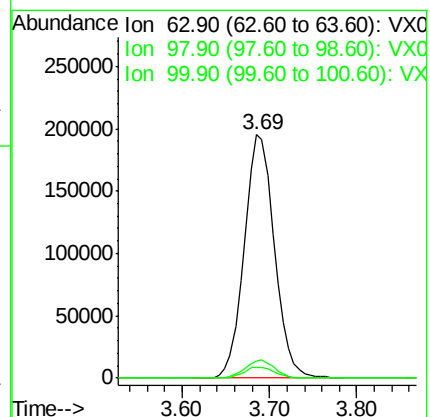
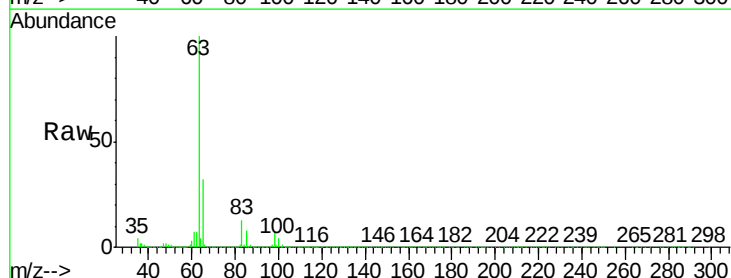
Tgt Ion: 63 Resp: 464894

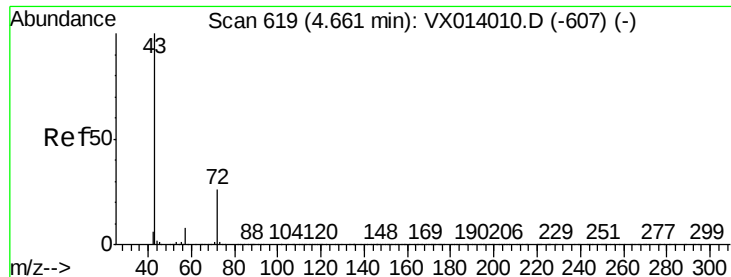
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 228.891 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

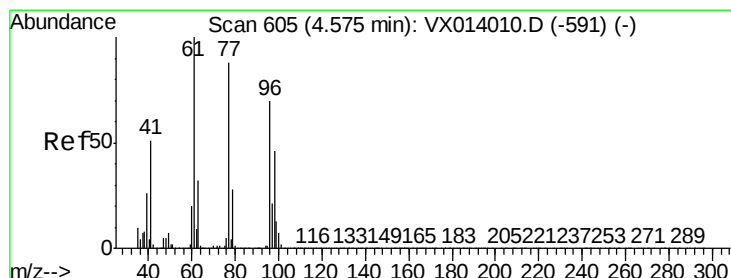
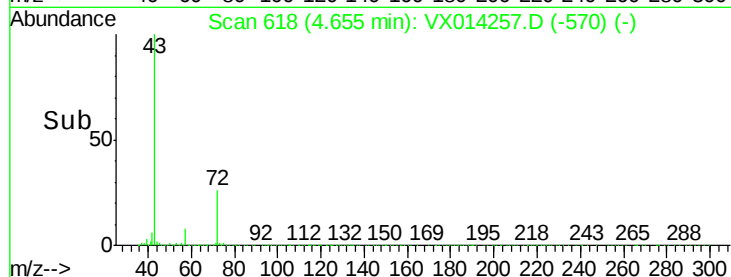
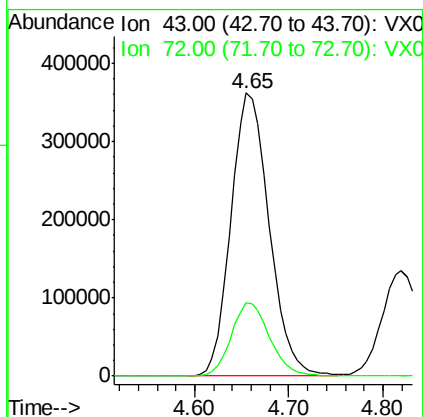
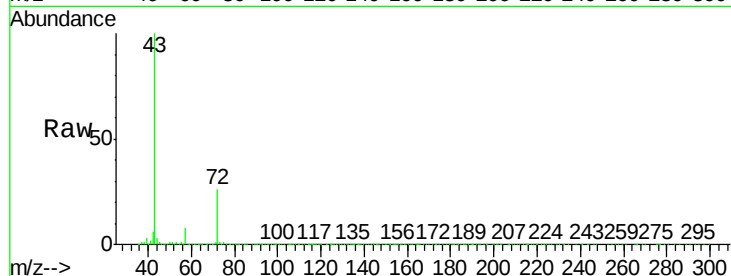
VSTDCCC050EC

Tgt Ion: 43 Resp: 1019333

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 43.878 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014257.D

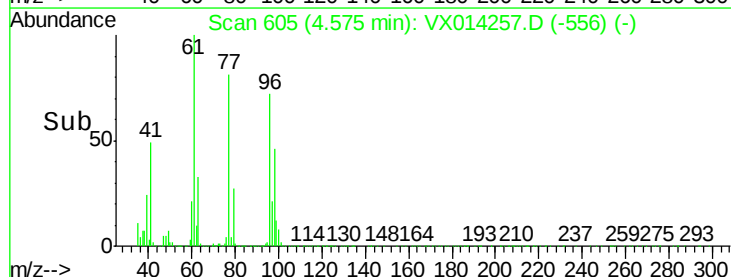
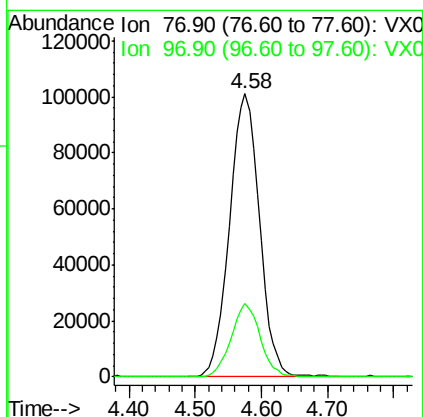
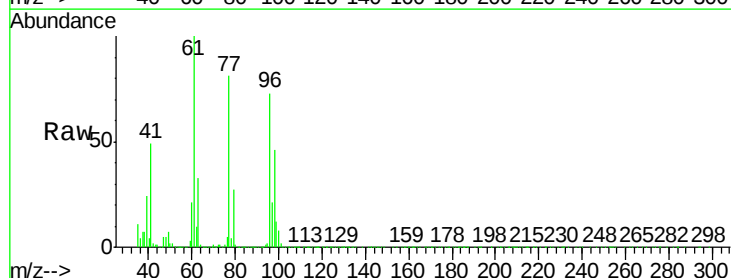
Acq: 24 Dec 2019 19:54

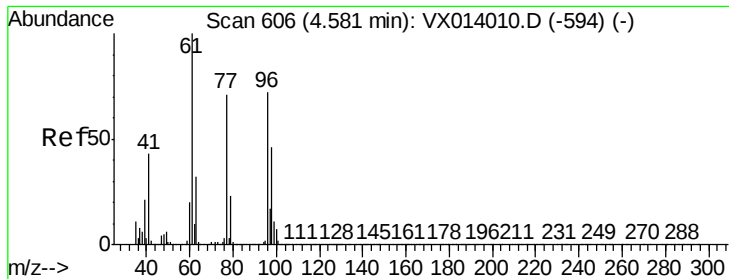
Tgt Ion: 77 Resp: 318459

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.9



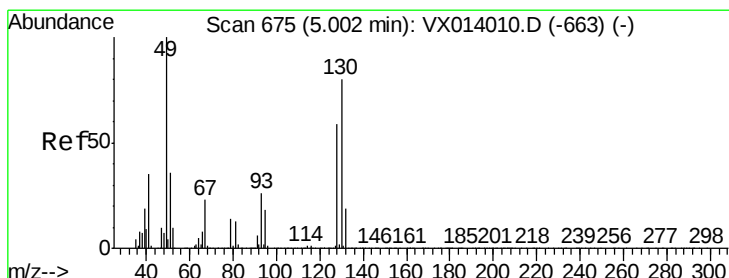
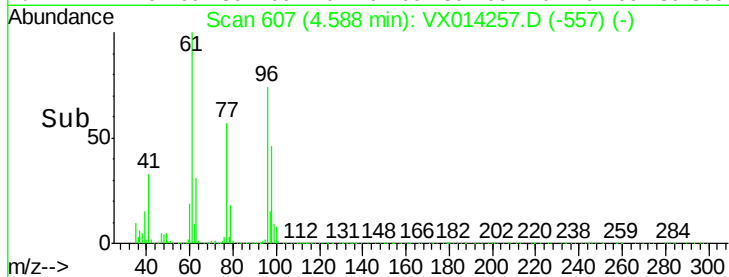
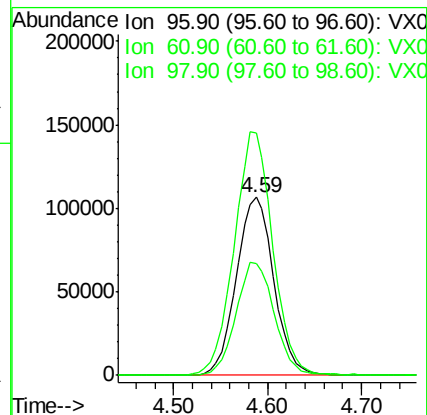
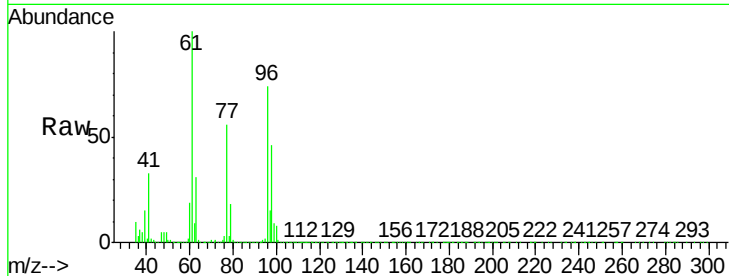


#27

cis-1,2-Dichloroethene
Concen: 50.206 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

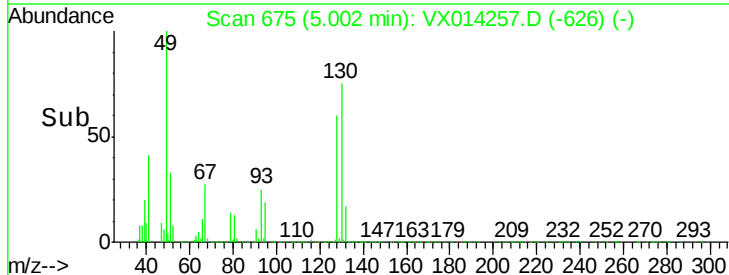
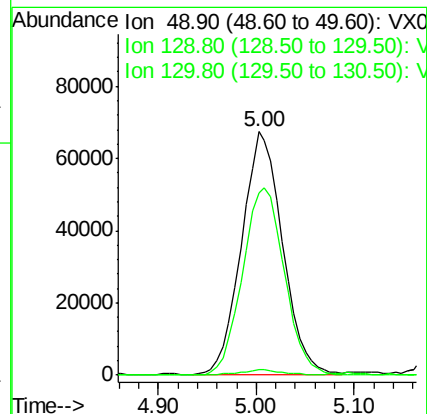
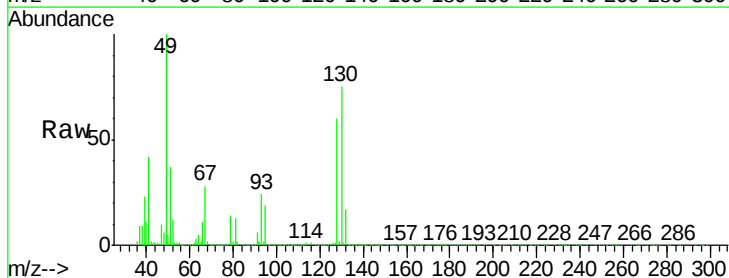
Tgt Ion: 96 Resp: 295402
Ion Ratio Lower Upper
96 100
61 140.4 0.0 288.4
98 64.6 0.0 129.6

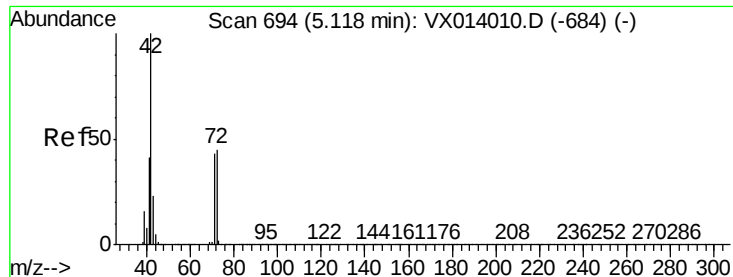


#28

Bromochloromethane
Concen: 54.816 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 49 Resp: 197228
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.0
130 78.3 64.6 97.0





#29

Tetrahydrofuran

Concen: 264.378 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

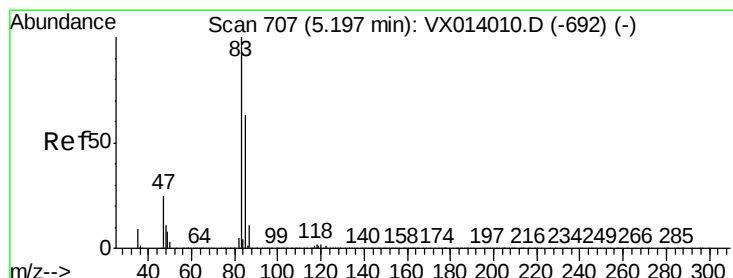
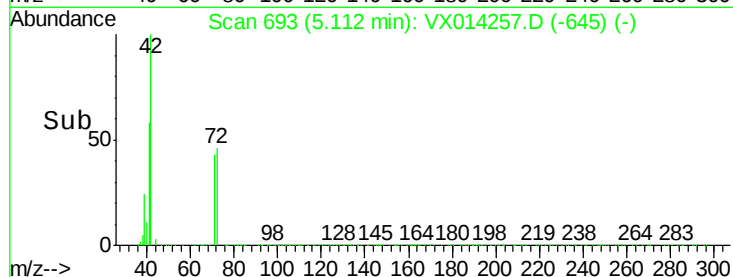
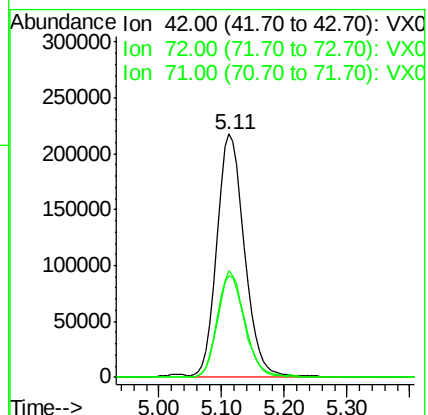
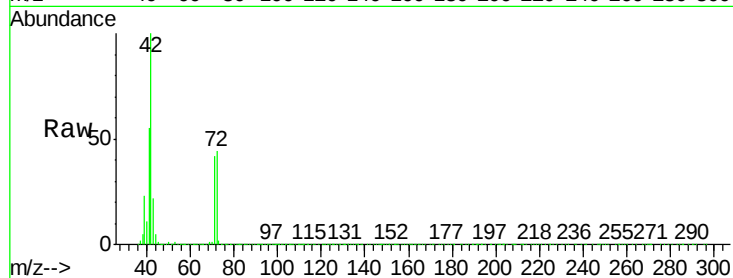
Tgt Ion: 42 Resp: 658534

Ion Ratio Lower Upper

42 100

72 44.0 35.8 53.8

71 41.6 33.6 50.4



#30

Chloroform

Concen: 51.263 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014257.D

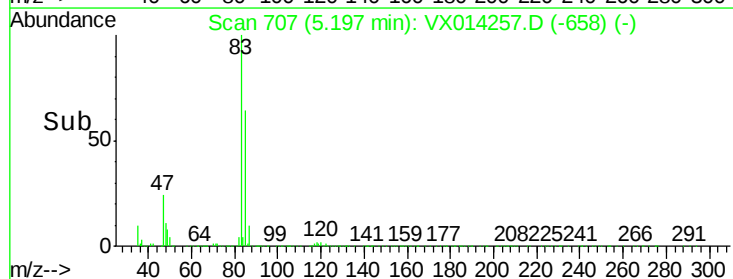
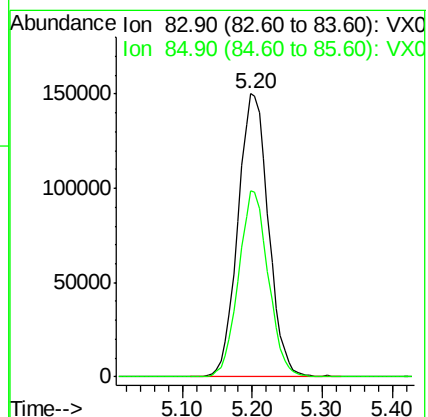
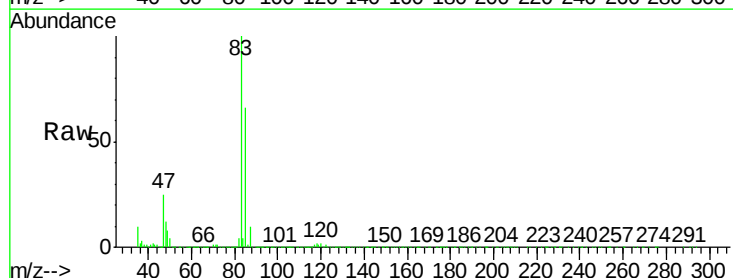
Acq: 24 Dec 2019 19:54

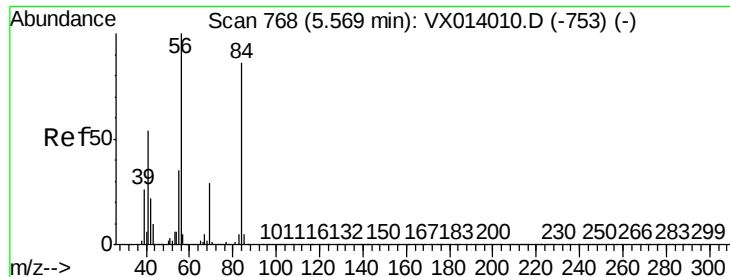
Tgt Ion: 83 Resp: 454273

Ion Ratio Lower Upper

83 100

85 65.6 50.8 76.2

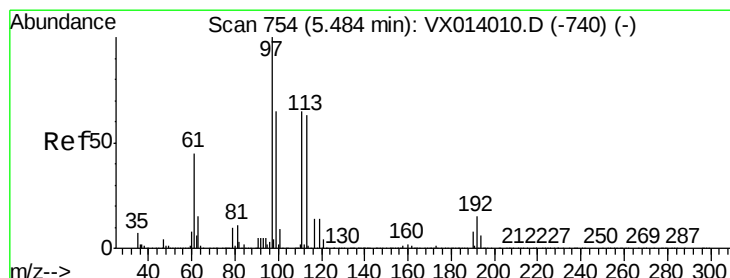
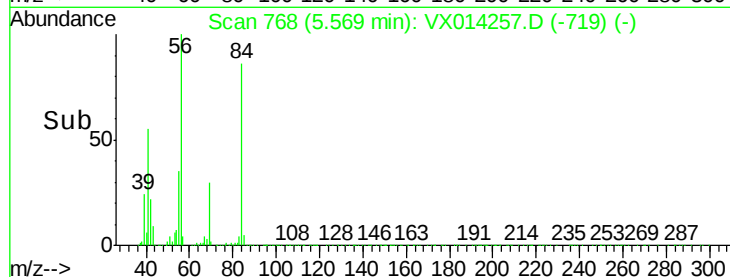
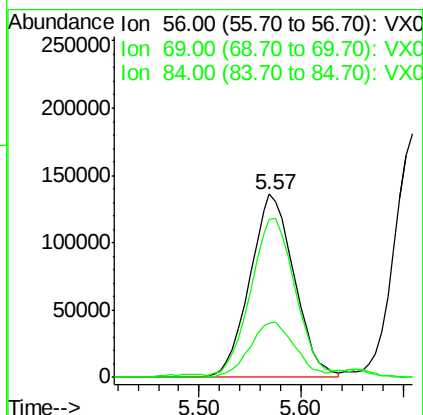
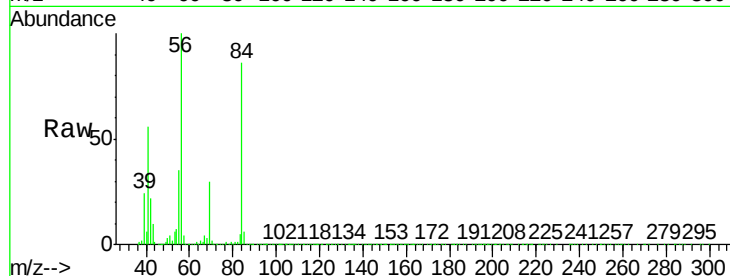




#31
Cyclohexane
Concen: 49.124 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

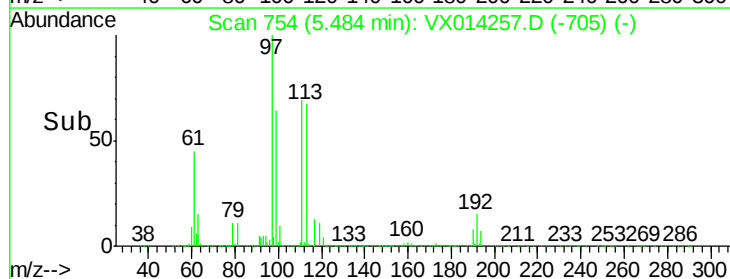
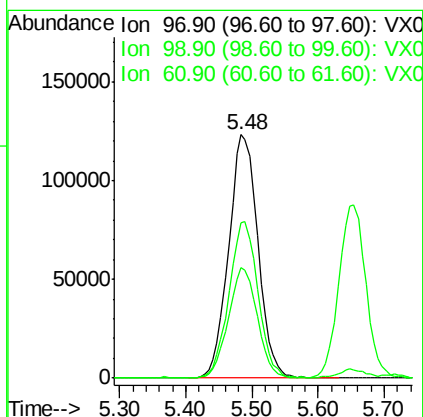
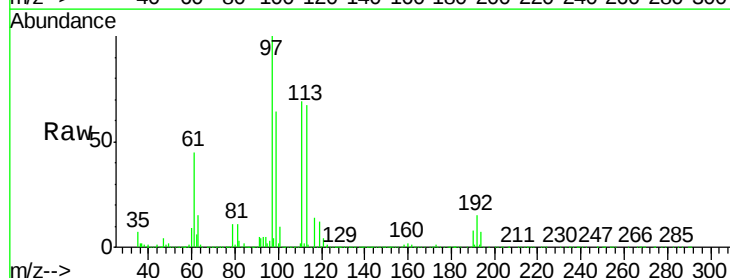
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

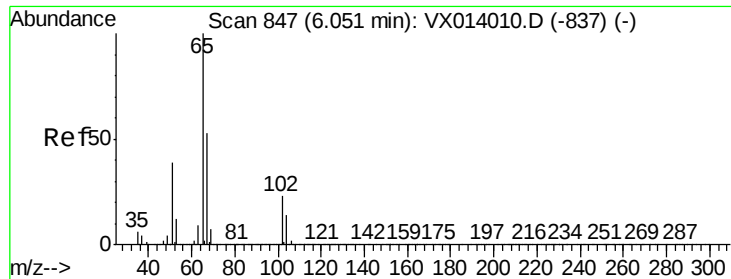
Tgt Ion: 56 Resp: 408422
Ion Ratio Lower Upper
56 100
69 29.7 23.2 34.8
84 85.0 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.147 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 97 Resp: 378736
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 44.4 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 50.912 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

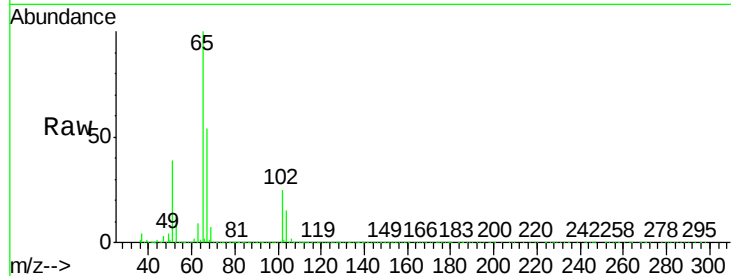
VSTDCCC050EC

Tgt Ion: 65 Resp: 283267

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

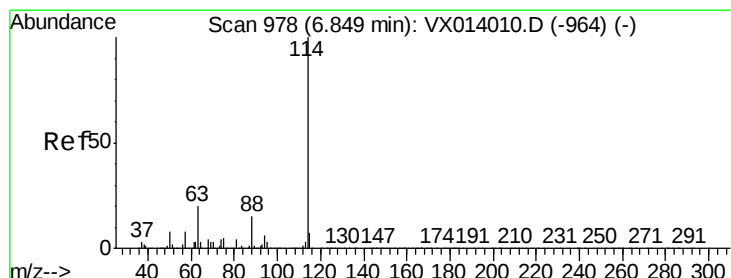
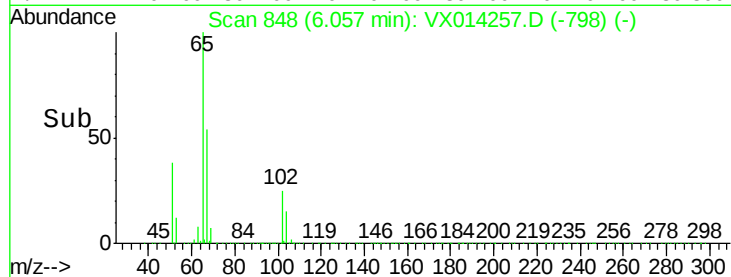
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

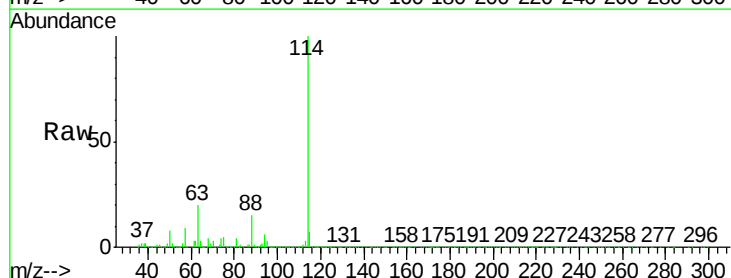
Tgt Ion: 114 Resp: 766847

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

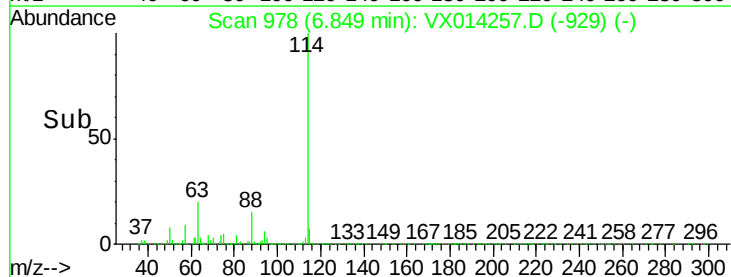
300000

200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.140 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

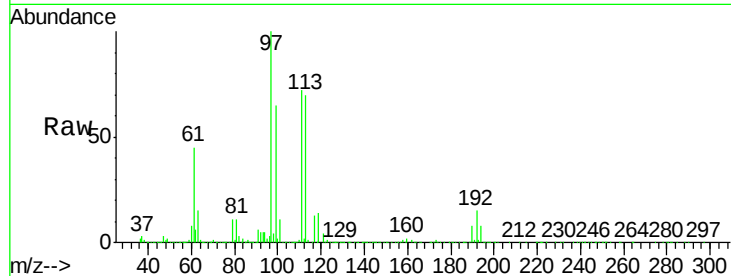
Tgt Ion: 113 Resp: 238392

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

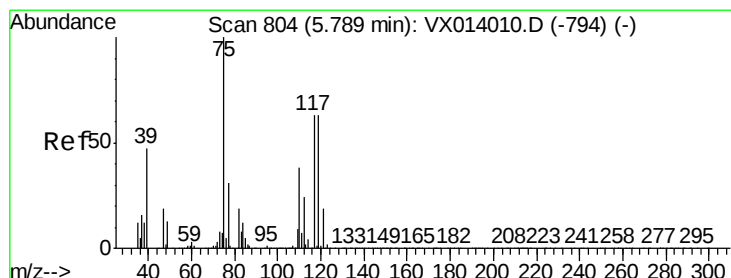
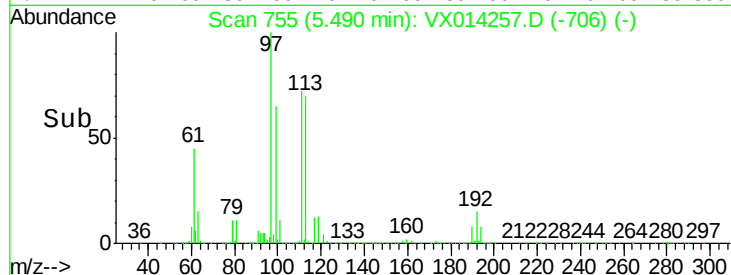
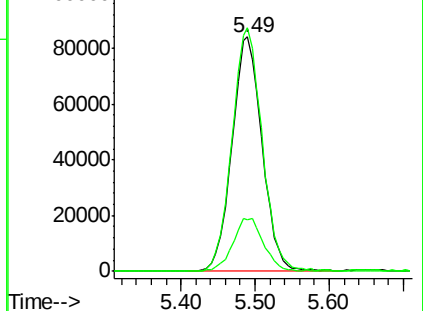
192 23.1 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.144 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

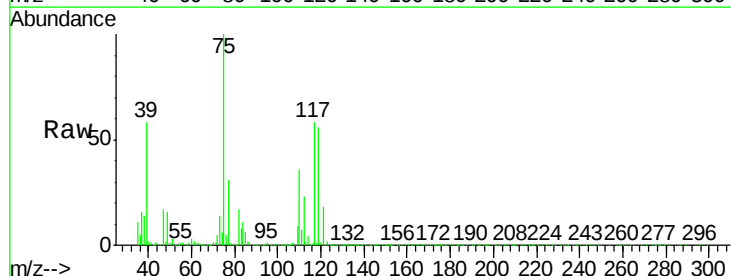
Tgt Ion: 75 Resp: 338751

Ion Ratio Lower Upper

75 100

110 35.9 18.3 54.9

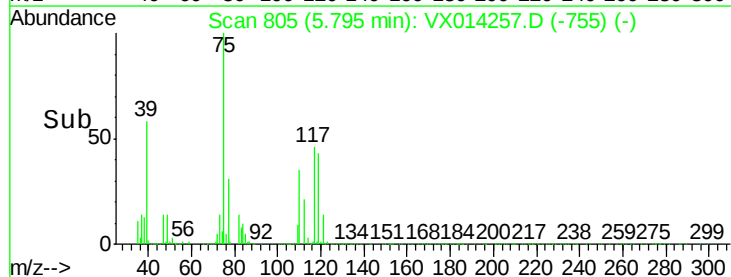
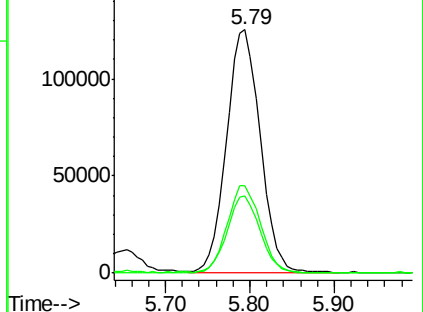
77 30.7 24.8 37.2

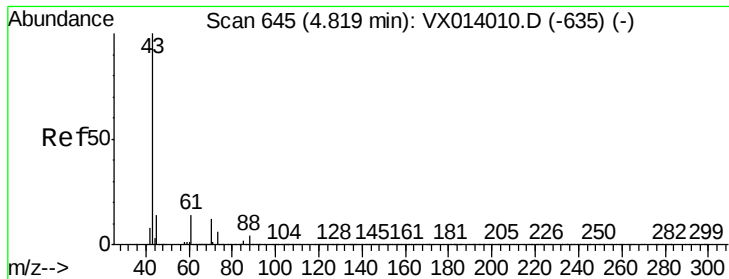


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

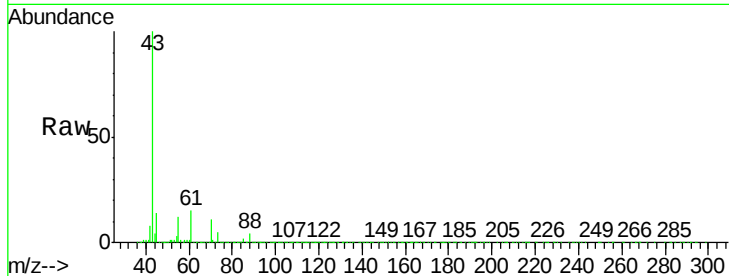




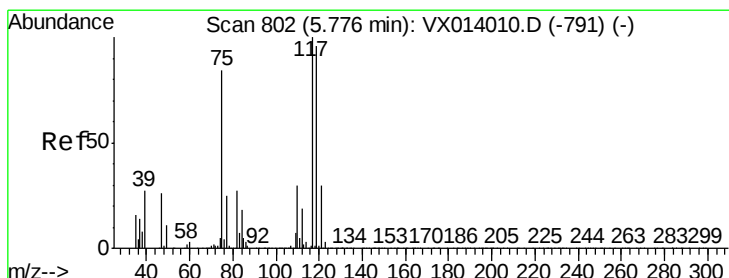
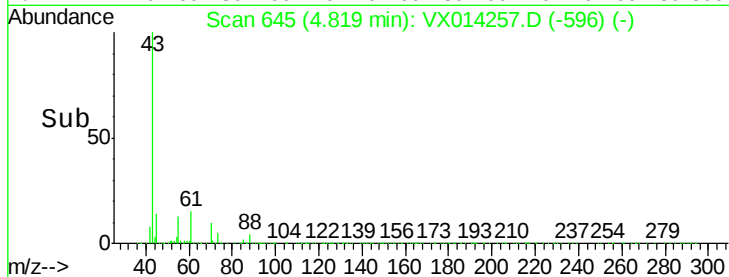
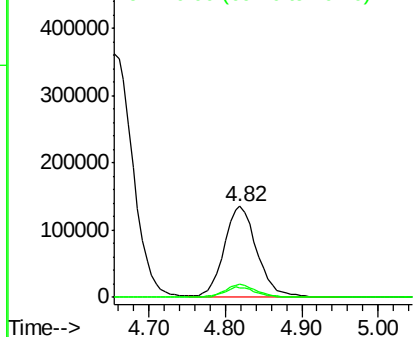
#37
Ethyl Acetate
Concen: 50.864 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	395213
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.7	8.6	12.8

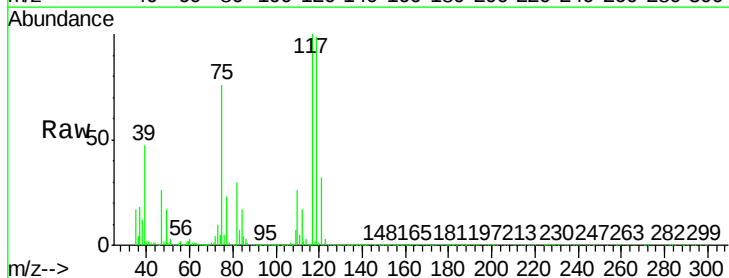


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

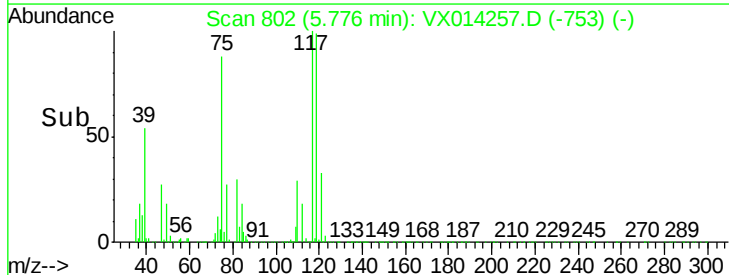
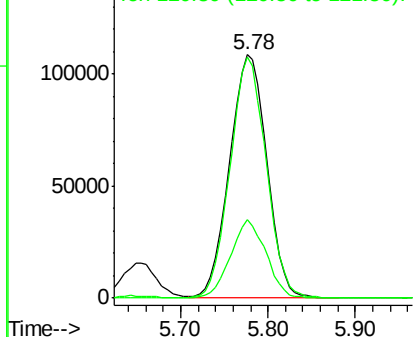


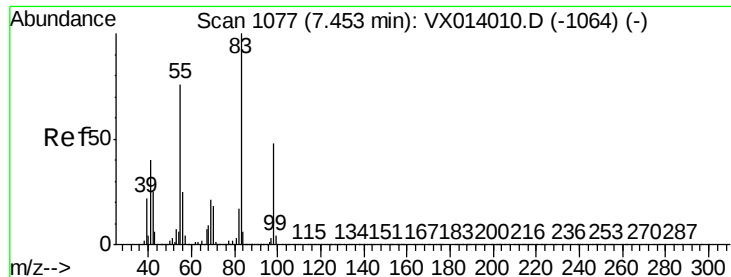
#38
Carbon Tetrachloride
Concen: 49.899 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion:	117	Resp:	319853
Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.2	114.4
121	32.1	23.6	35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

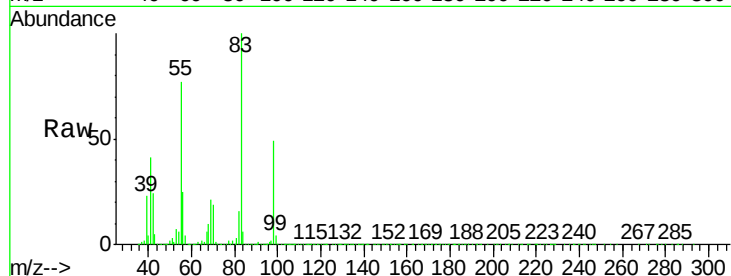




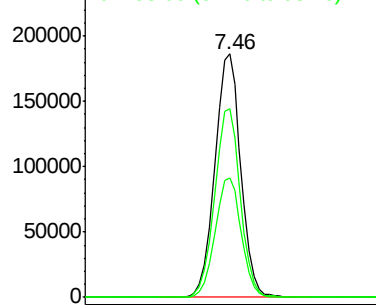
#39
Methylcyclohexane
Concen: 47.071 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

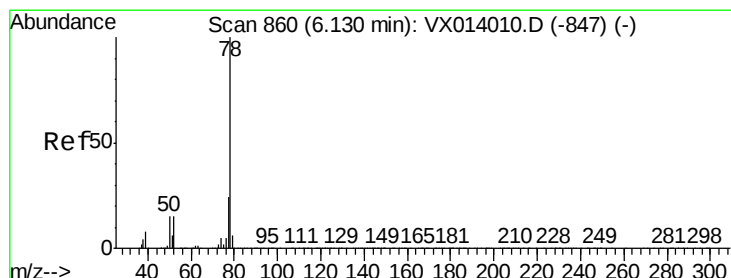
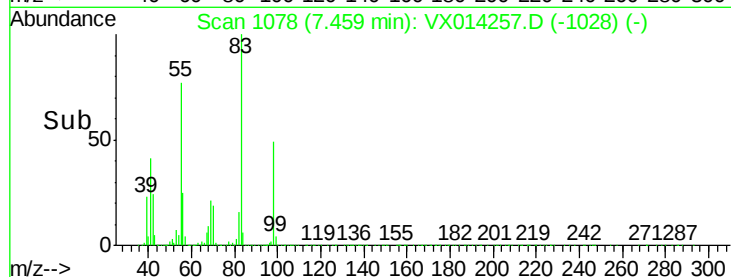
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.0	91.6
98	48.8	38.6	57.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

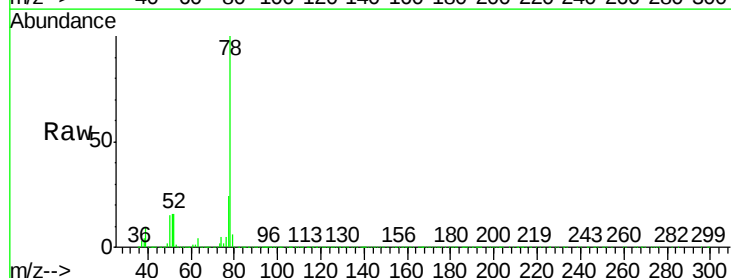


Time-->

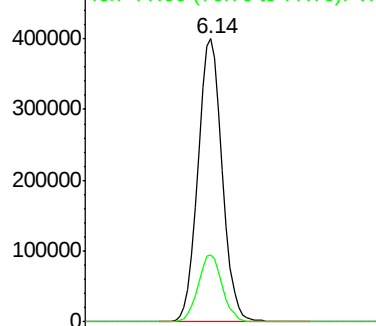


#40
Benzene
Concen: 48.826 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

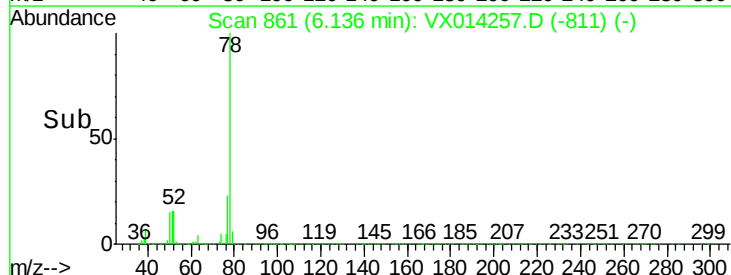
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

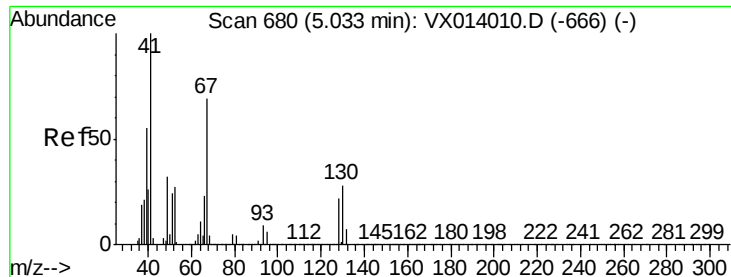


Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



Time-->





#41

Methacrylonitrile

Concen: 51.338 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 221329

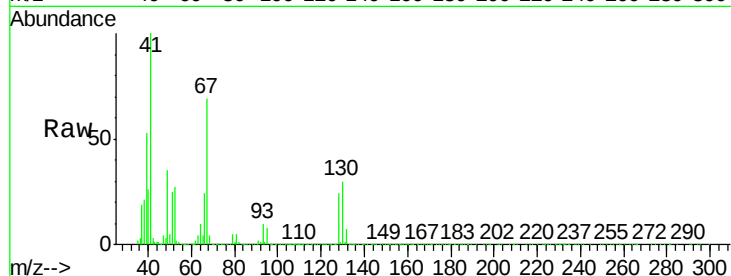
Ion Ratio Lower Upper

41 100

39 54.5 44.5 66.7

67 70.6 57.4 86.0

52 28.0 23.0 34.4

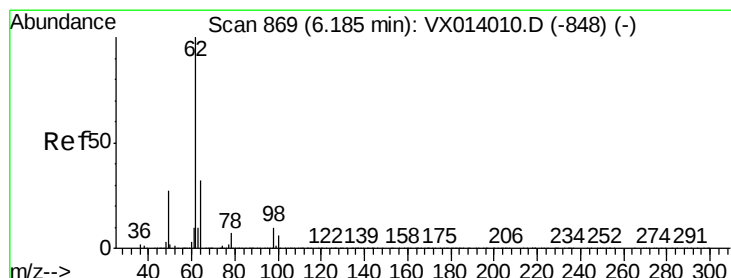
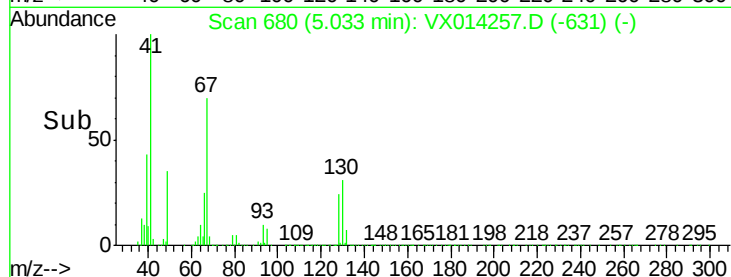
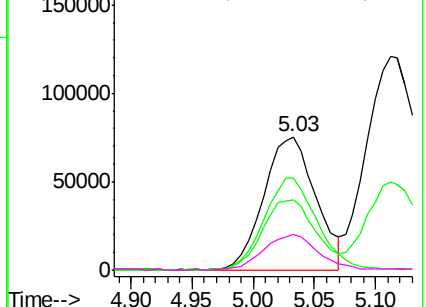


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.886 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014257.D

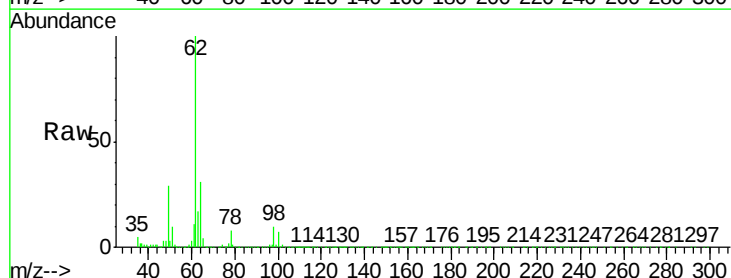
Acq: 24 Dec 2019 19:54

Tgt Ion: 62 Resp: 358762

Ion Ratio Lower Upper

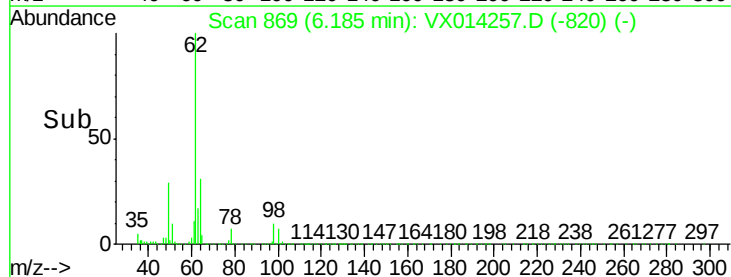
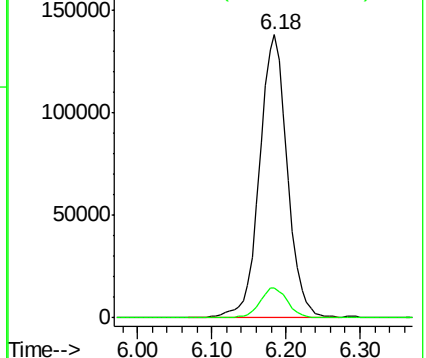
62 100

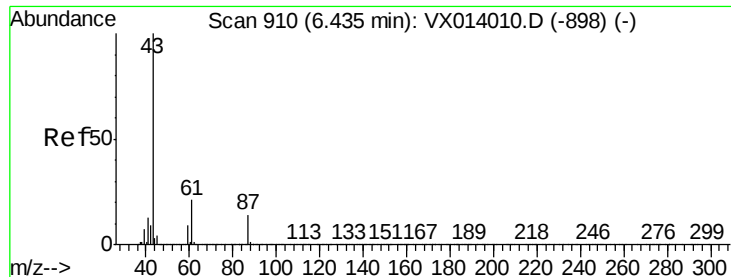
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



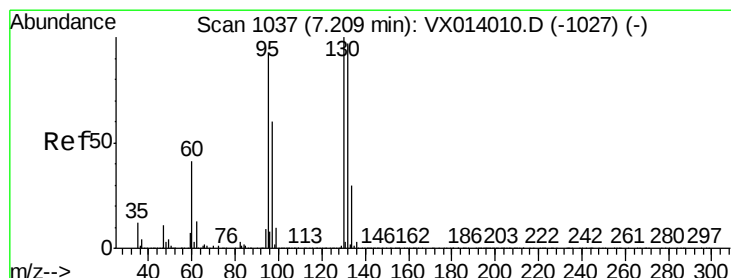
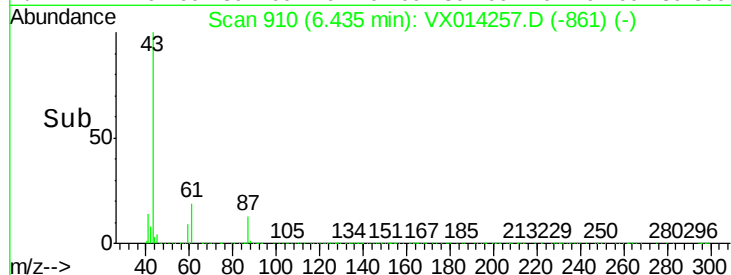
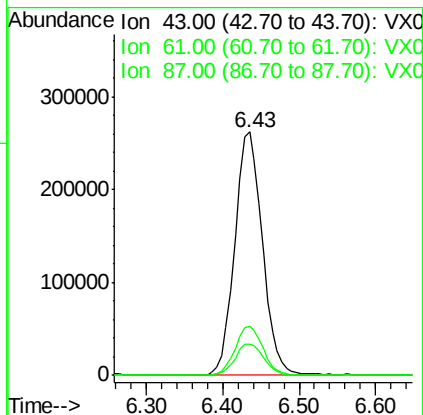
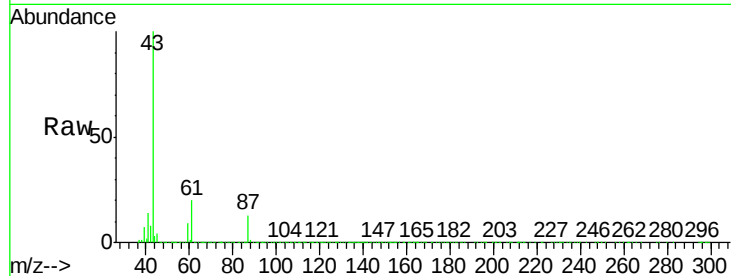


#43

Isopropyl Acetate
 Concen: 50.919 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

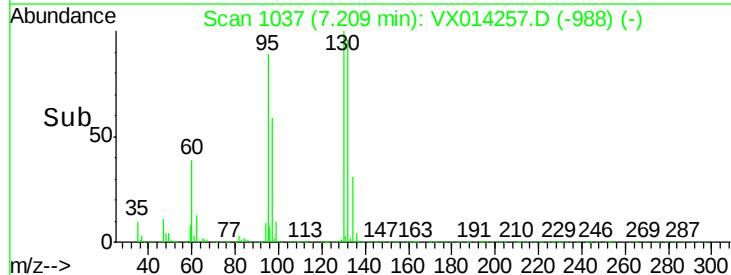
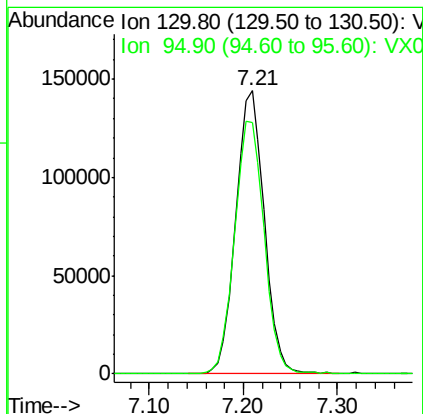
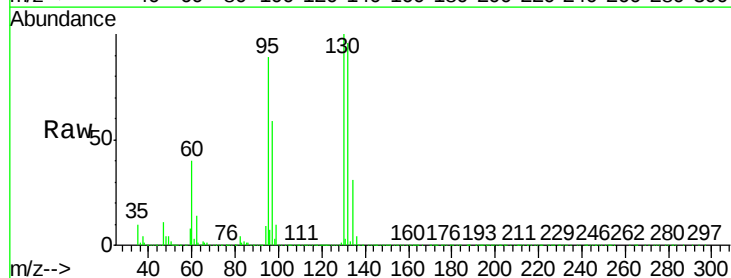
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	13.4	10.7	16.1

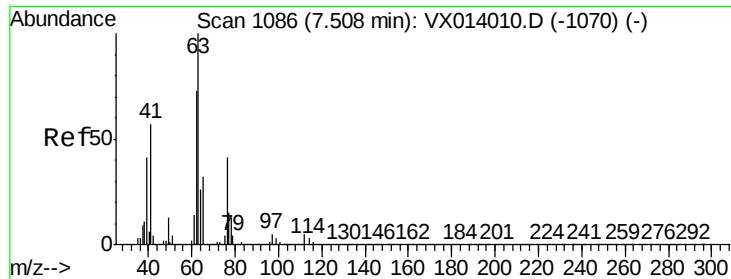


#44

Trichloroethene
 Concen: 50.806 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	185.6

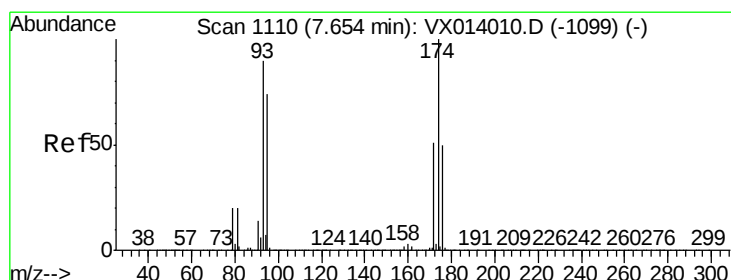
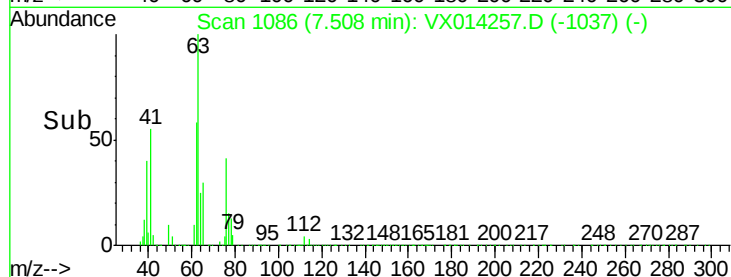
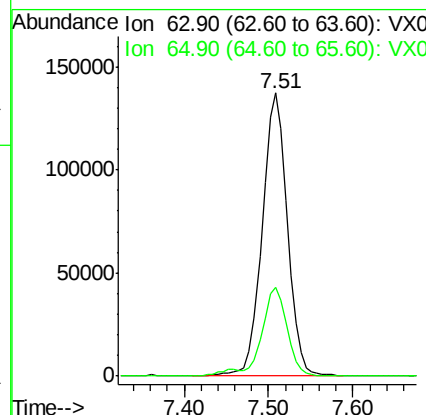
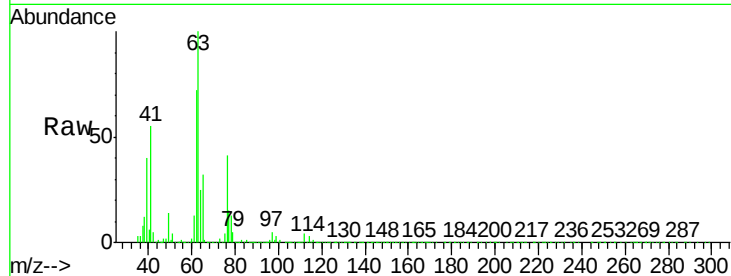




#45
 1,2-Dichloropropane
 Concen: 50.806 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

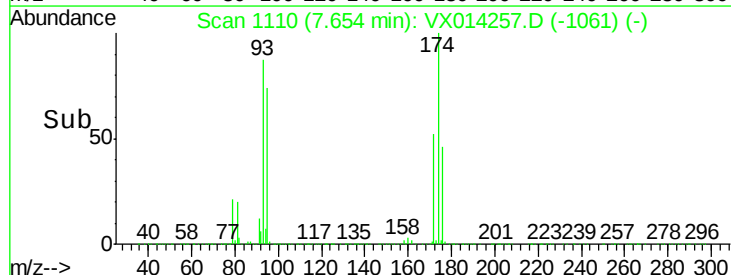
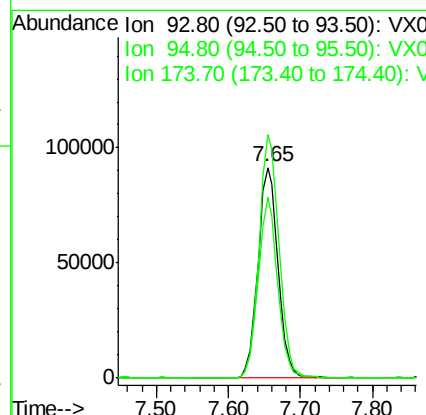
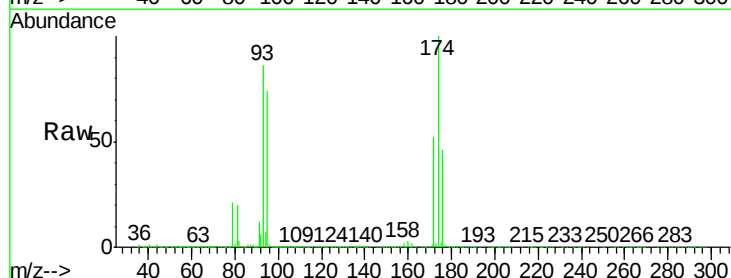
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

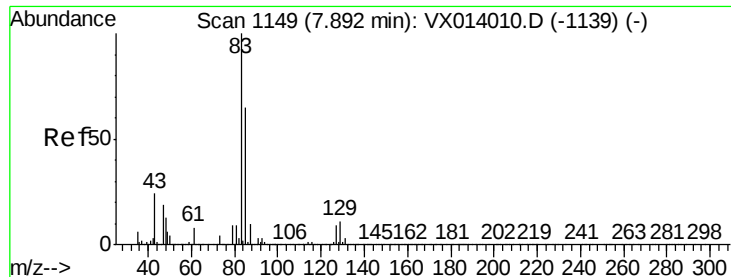
Tgt Ion: 63 Resp: 281922
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.8 38.8



#46
 Dibromomethane
 Concen: 48.465 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion: 93 Resp: 177807
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.3 100.9
 174 115.3 91.6 137.4





#47

Bromodichloromethane

Concen: 50.576 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

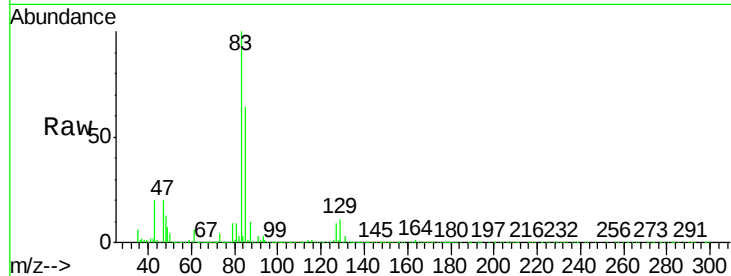
Tgt Ion: 83 Resp: 349454

Ion Ratio Lower Upper

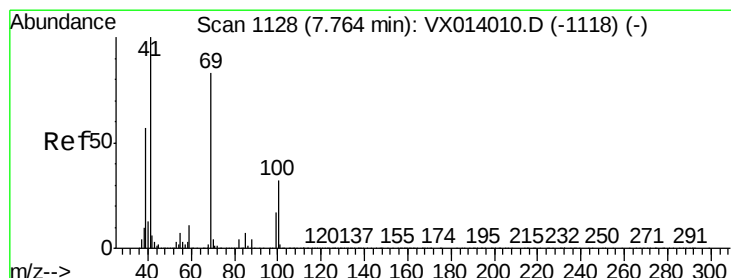
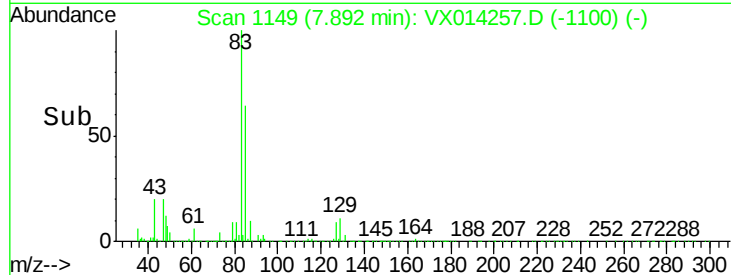
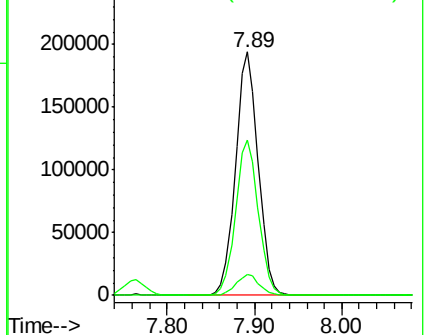
83 100

85 63.6 51.8 77.8

127 8.7 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: 50.922 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

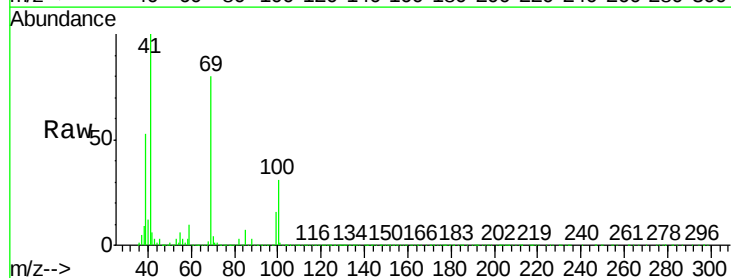
Tgt Ion: 41 Resp: 320641

Ion Ratio Lower Upper

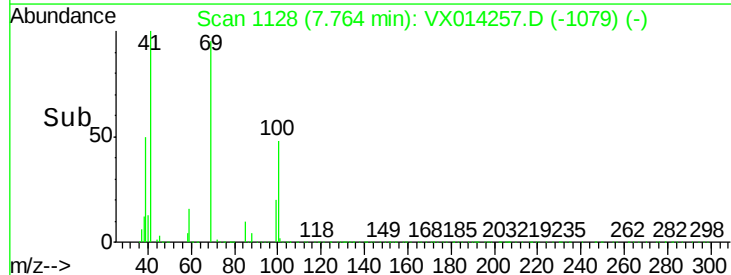
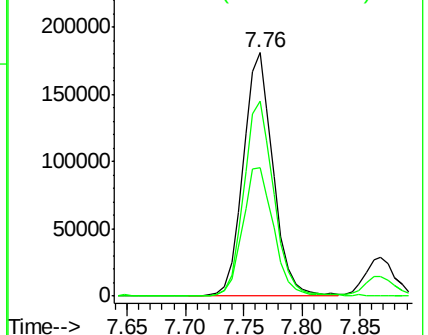
41 100

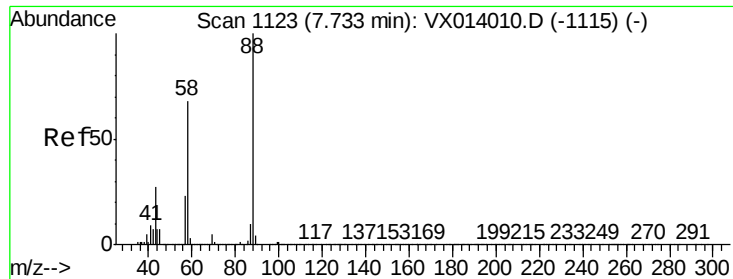
69 80.6 65.8 98.6

39 54.7 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

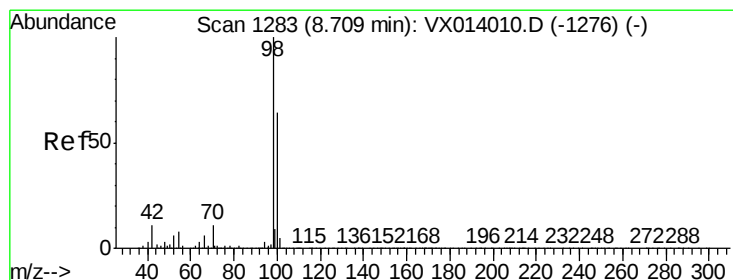
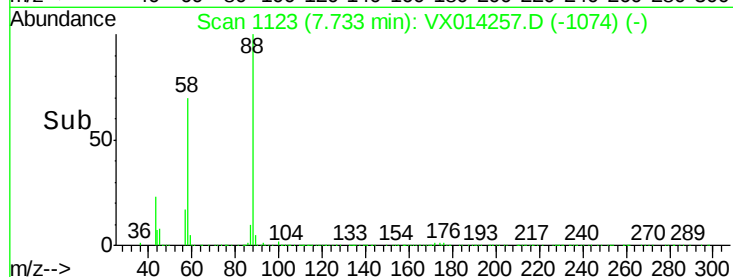
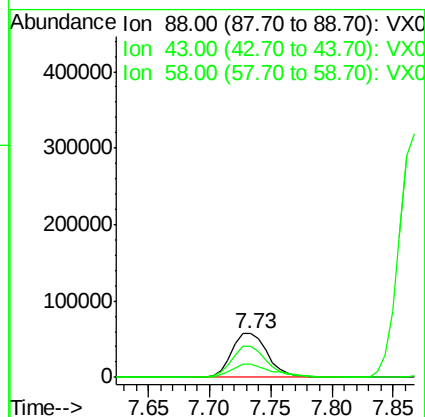
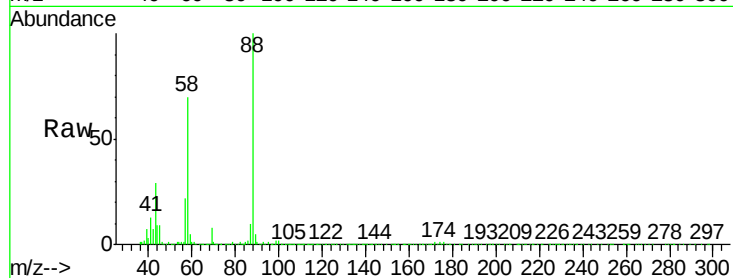




#49
1,4-Dioxane
Concen: 901.972 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

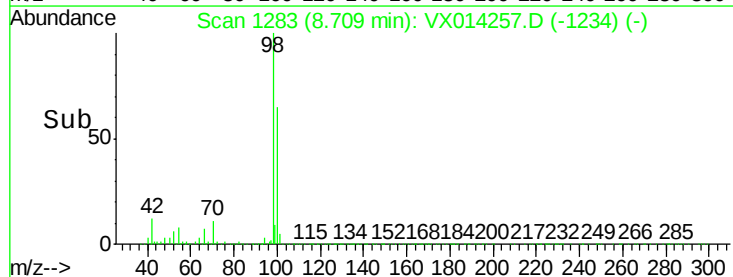
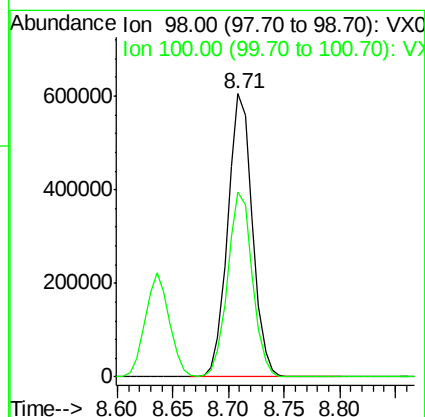
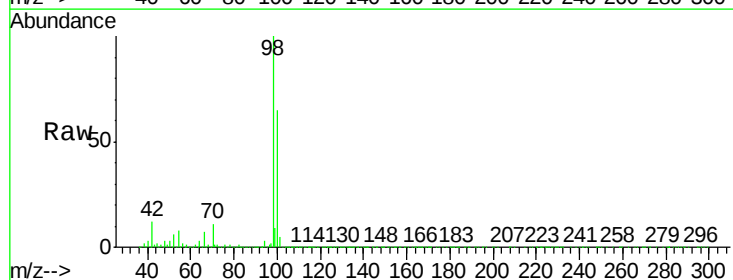
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

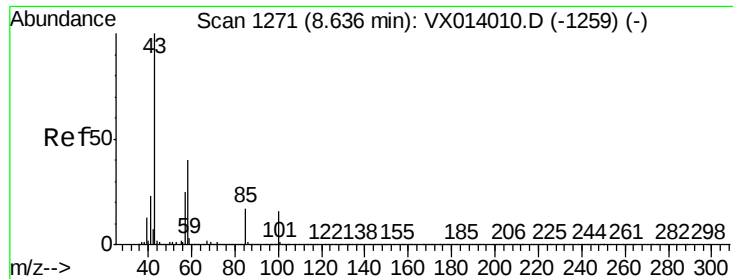
Tgt Ion: 88 Resp: 115578
Ion Ratio Lower Upper
88 100
43 33.1 26.5 39.7
58 70.5 56.8 85.2



#50
Toluene-d8
Concen: 50.779 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 98 Resp: 921571
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

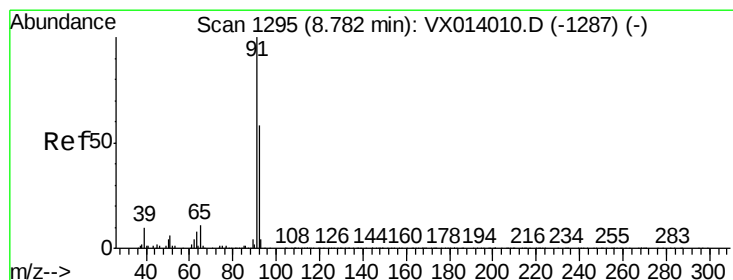
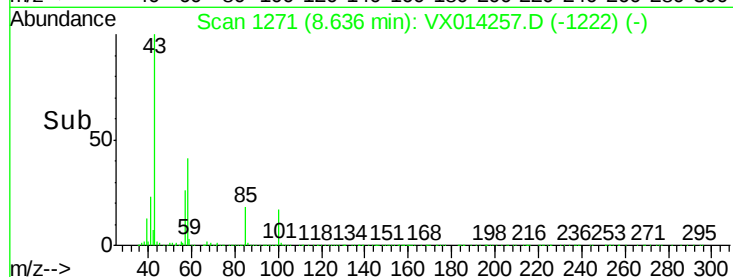
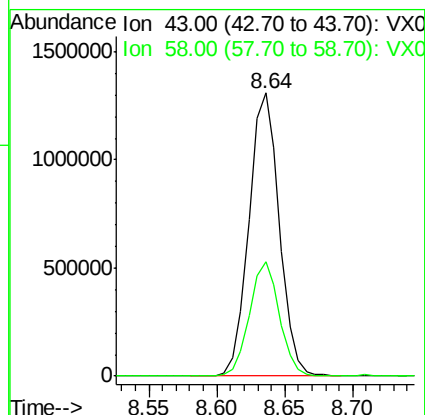
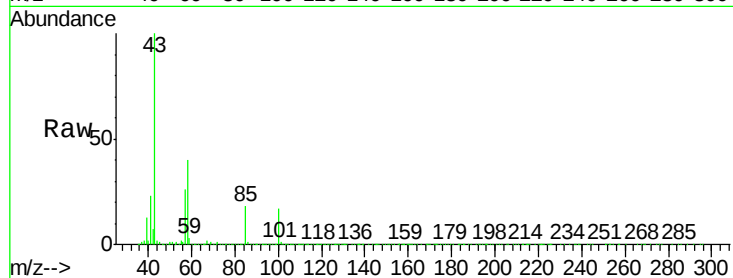




#51
 4-Methyl-2-Pentanone
 Concen: 253.599 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

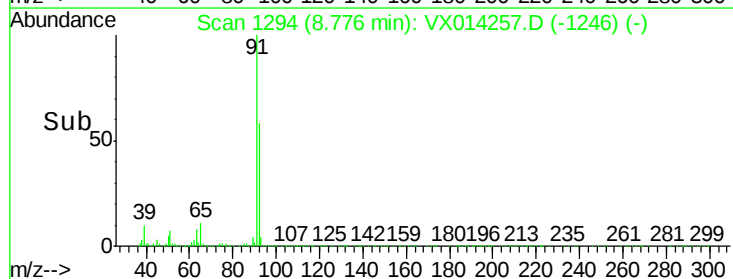
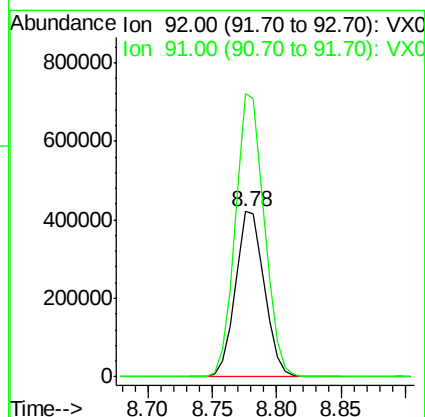
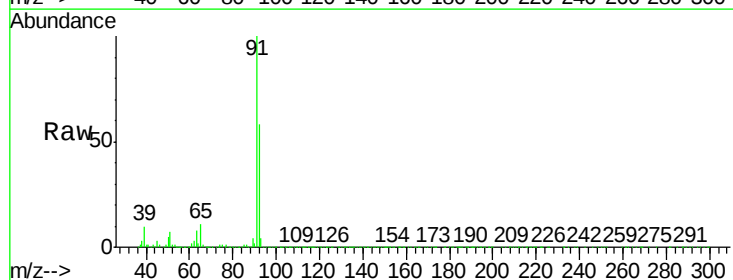
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

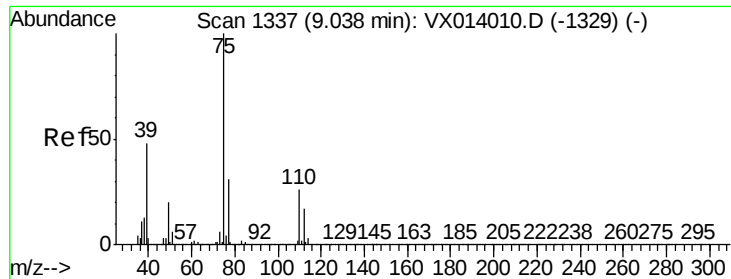
Tgt Ion: 43 Resp: 2047980
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.2



#52
 Toluene
 Concen: 48.016 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion: 92 Resp: 657062
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.2 204.4

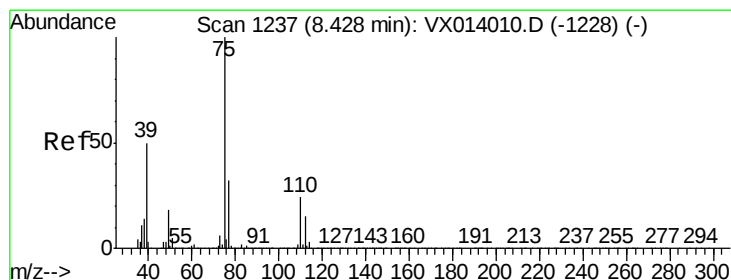
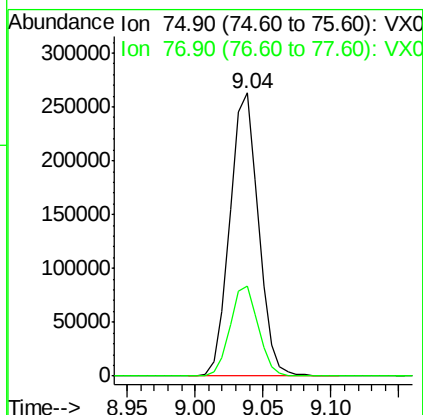
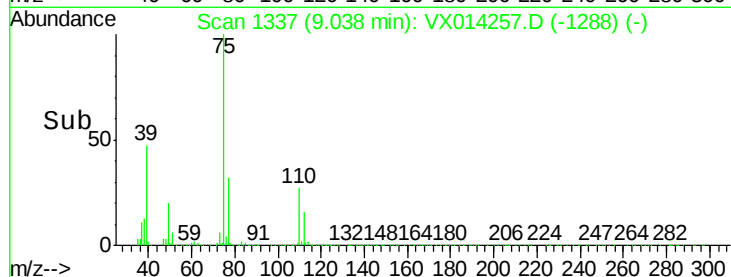
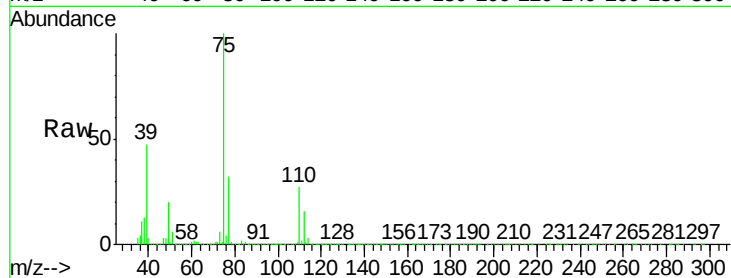




#53
t-1,3-Dichloropropene
Concen: 50.732 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

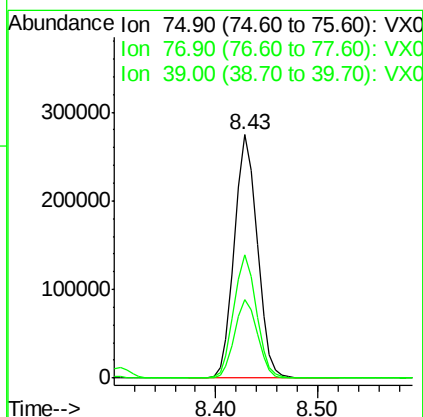
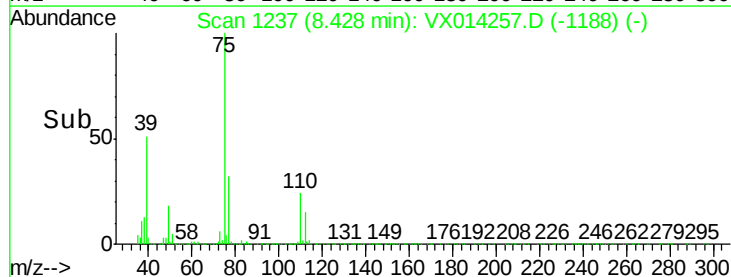
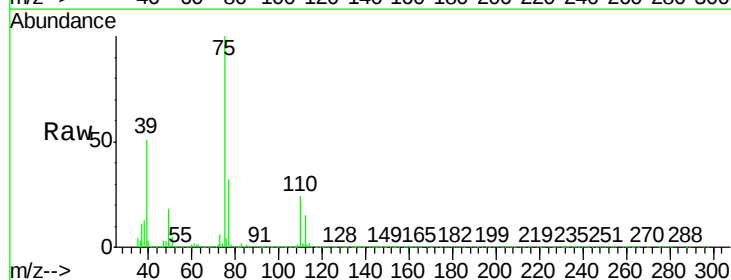
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

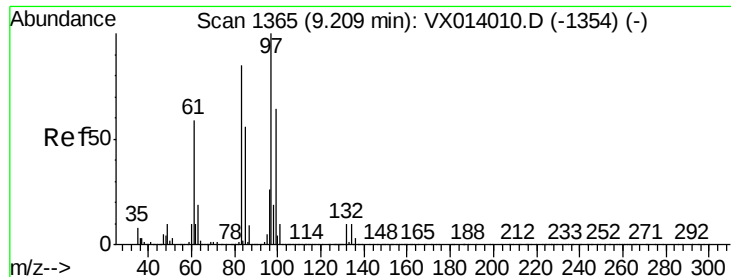
Tgt Ion: 75 Resp: 384359
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.507 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 75 Resp: 426304
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 50.6 39.9 59.9

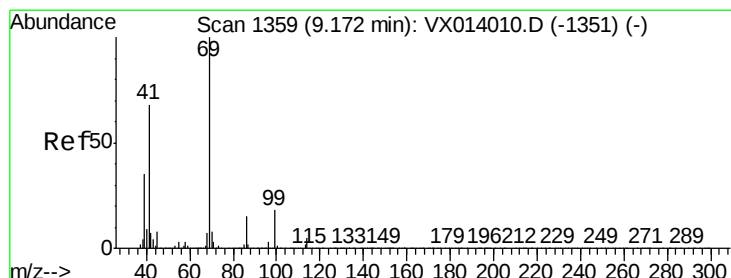
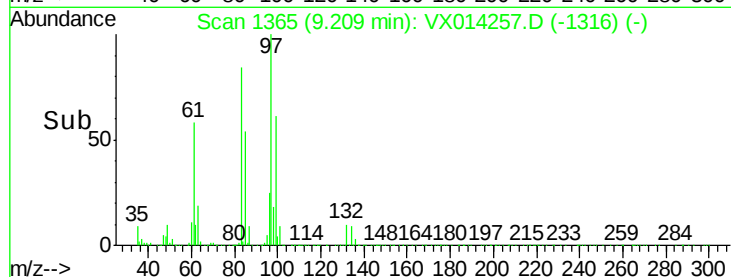
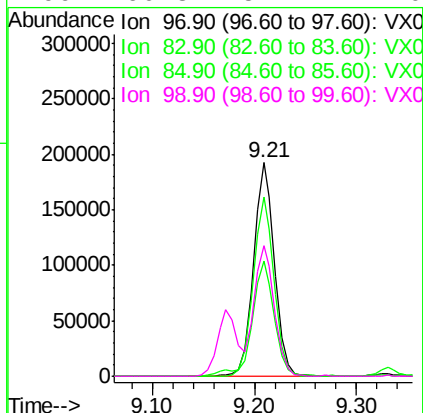
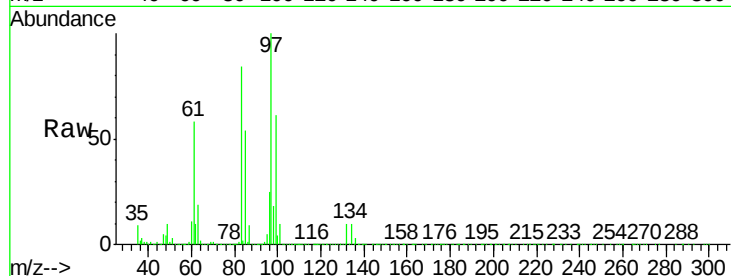




#55
 1,1,2-Trichloroethane
 Concen: 50.450 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

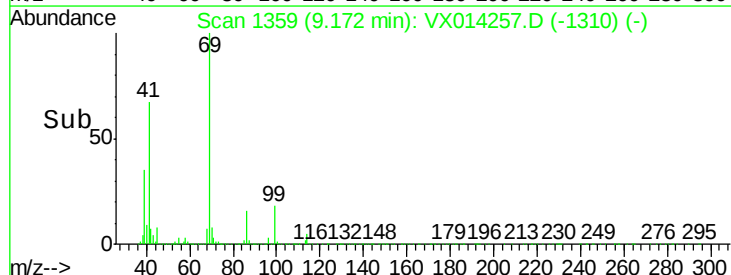
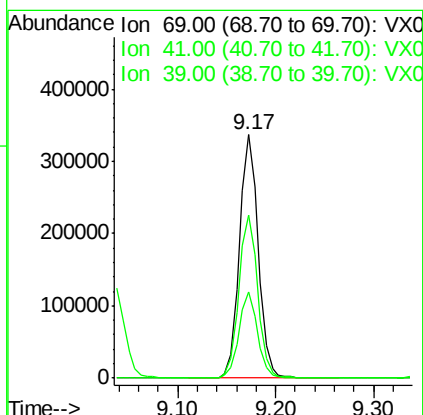
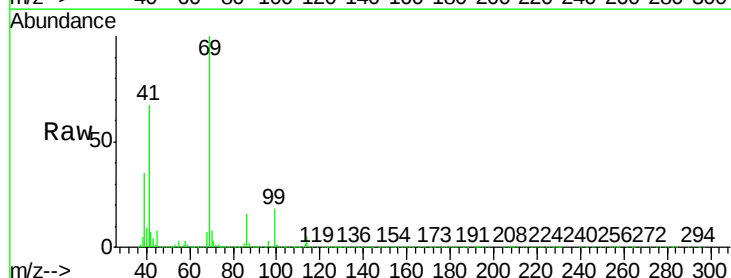
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

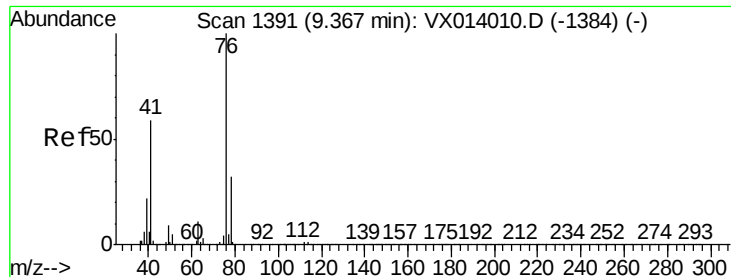
Tgt Ion:	97	Resp:	276694
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.2	102.4
85	53.9	44.6	66.8
99	60.8	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.102 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion:	69	Resp:	448869
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.8	82.2
39	34.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.941 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

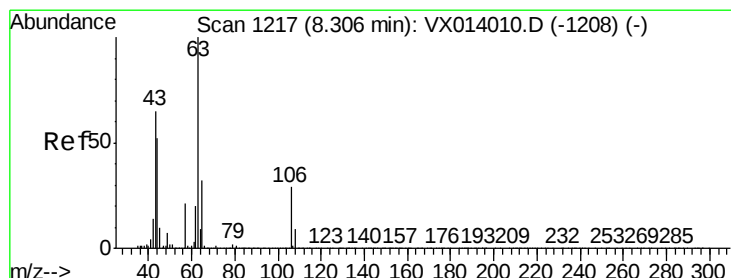
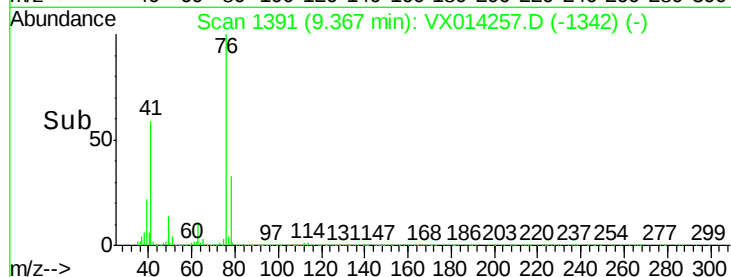
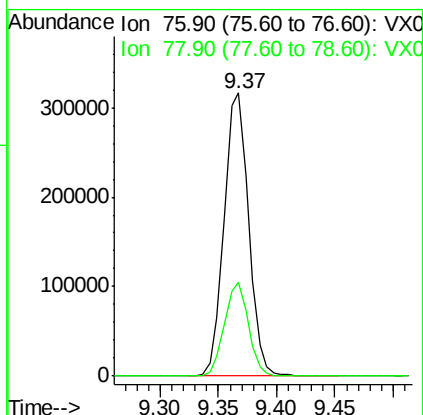
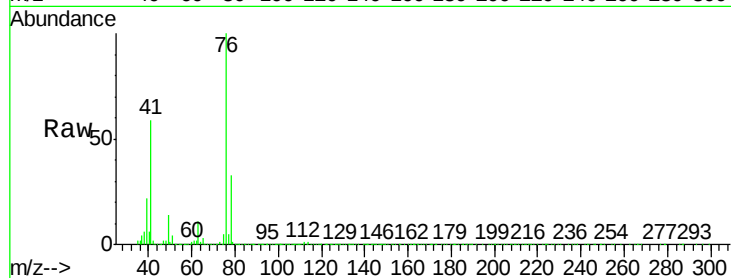
VSTDCCC050EC

Tgt Ion: 76 Resp: 460838

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 266.579 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014257.D

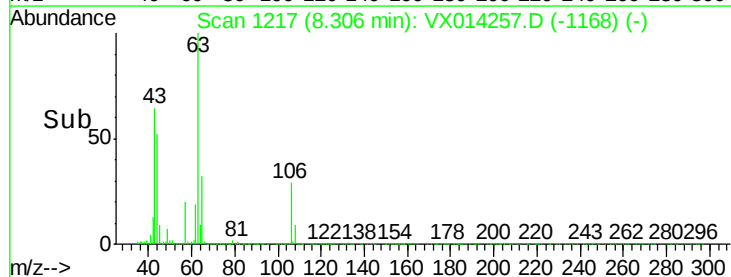
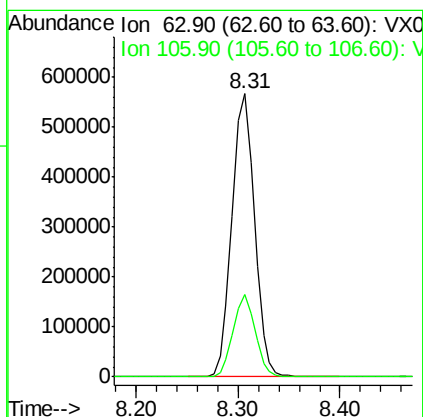
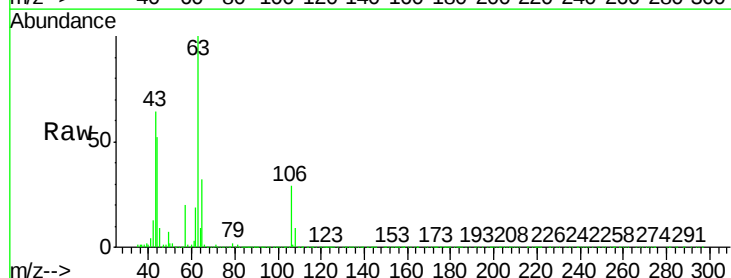
Acq: 24 Dec 2019 19:54

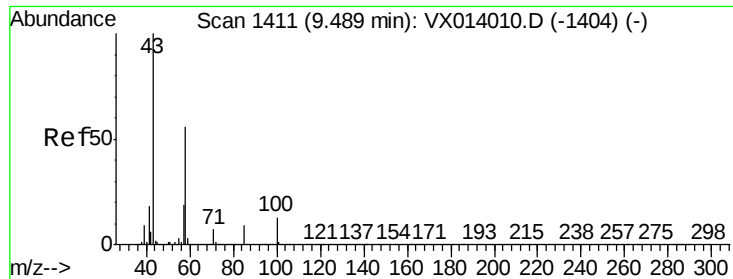
Tgt Ion: 63 Resp: 869125

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

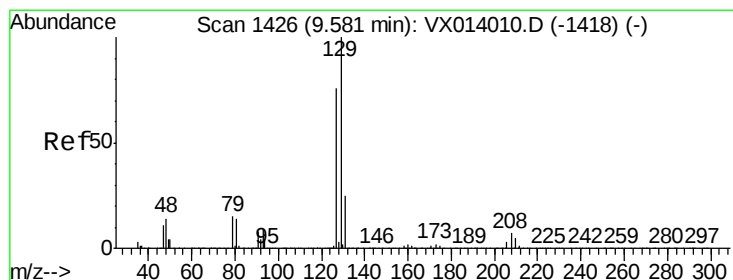
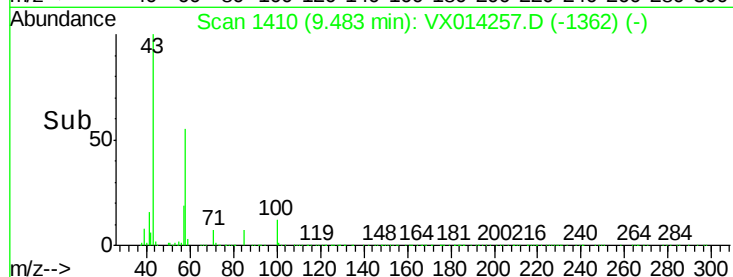
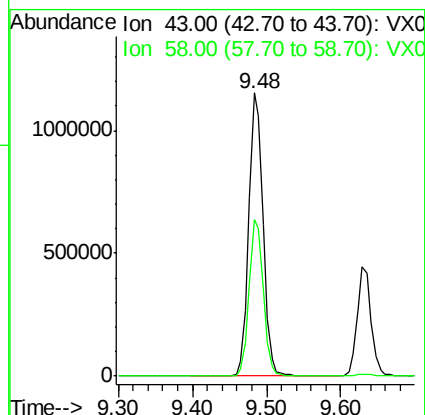
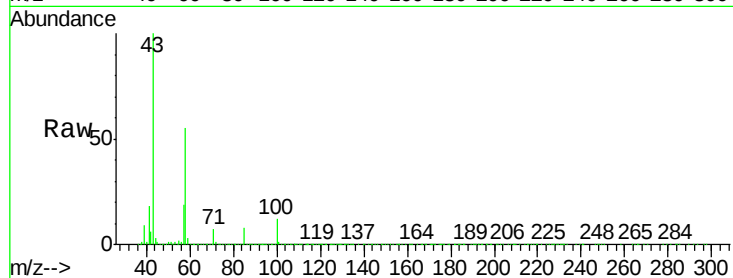




#59
2-Hexanone
Concen: 239.307 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

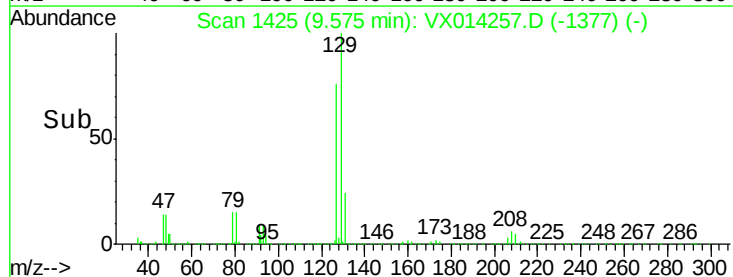
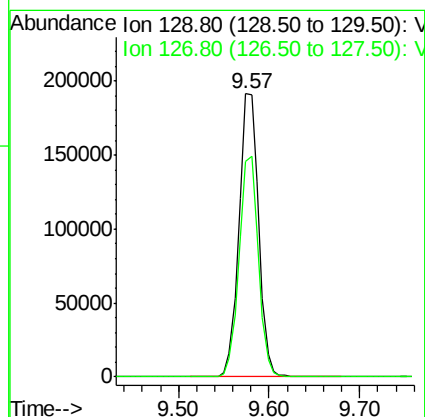
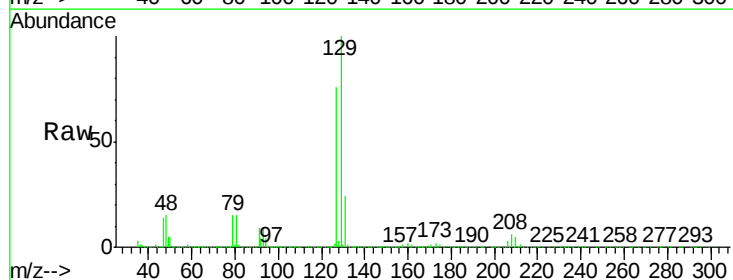
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

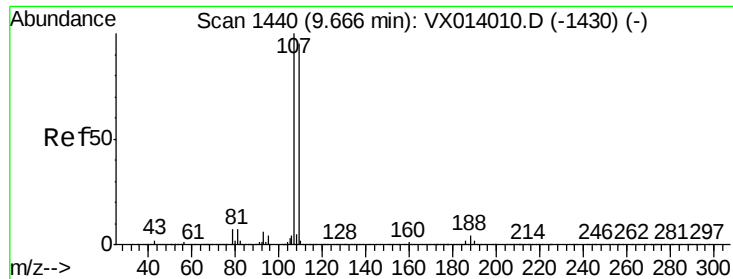
Tgt Ion: 43 Resp: 1555721
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0



#60
Dibromochloromethane
Concen: 52.691 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 129 Resp: 287251
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.547 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

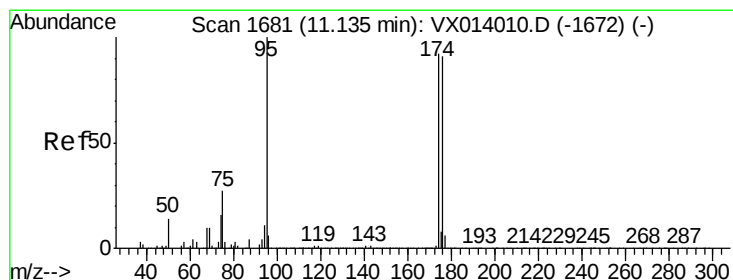
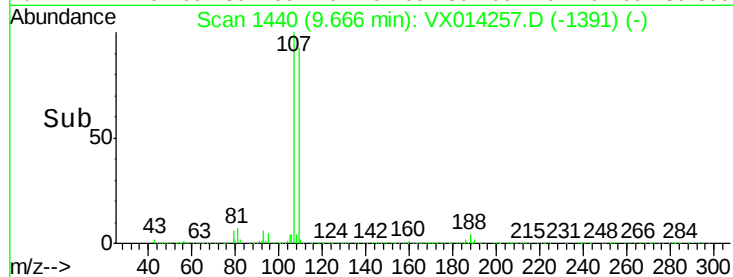
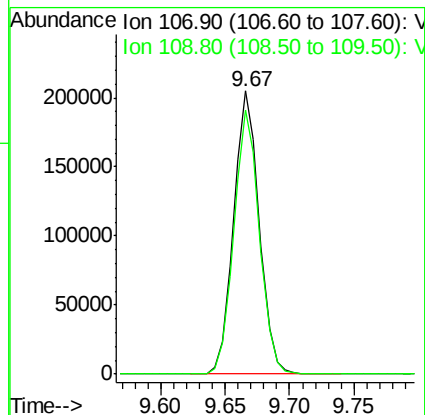
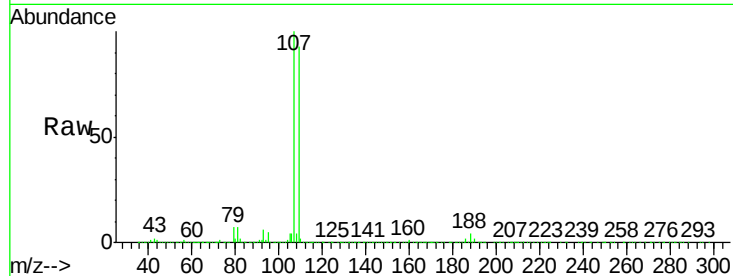
VSTDCCC050EC

Tgt Ion: 107 Resp: 283643

Ion Ratio Lower Upper

107 100

109 93.4 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 49.534 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

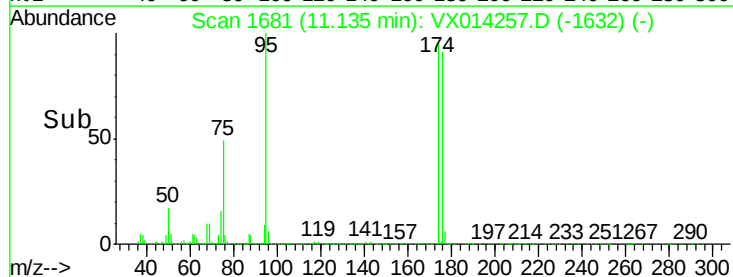
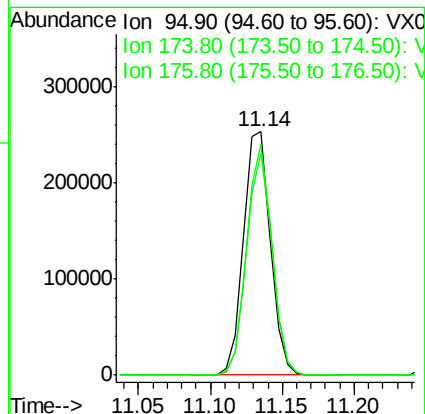
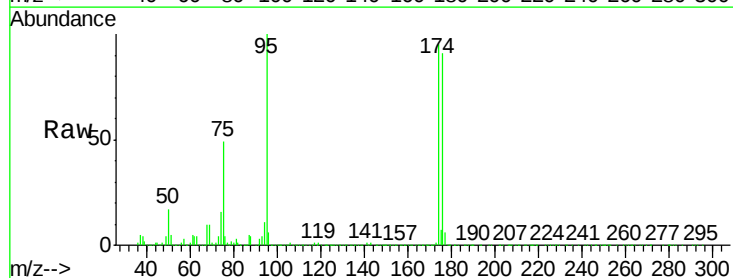
Tgt Ion: 95 Resp: 328617

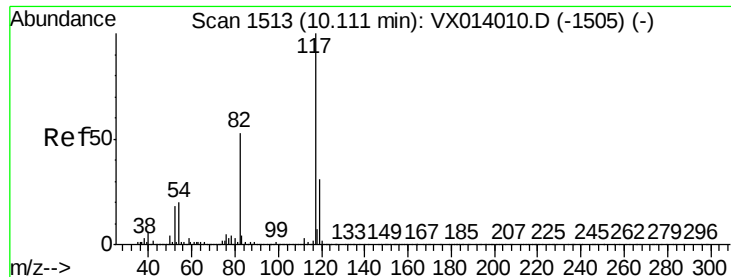
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.8

176 86.5 0.0 173.0

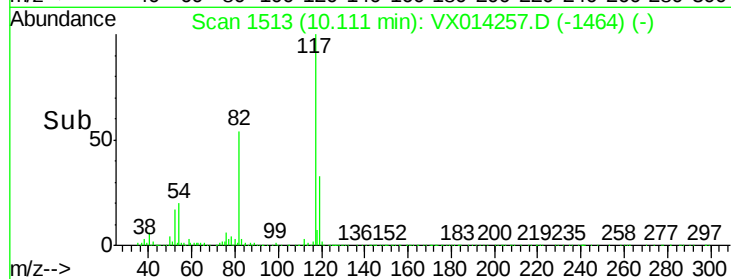
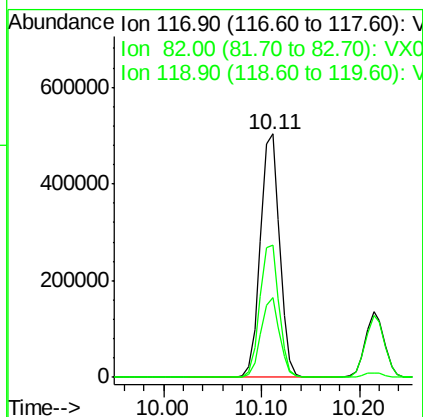
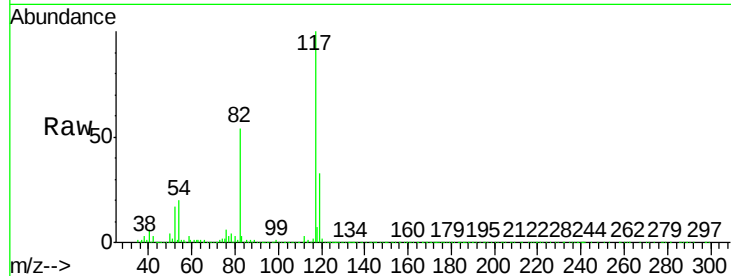




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

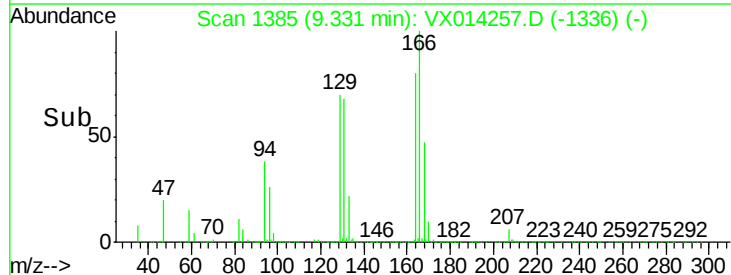
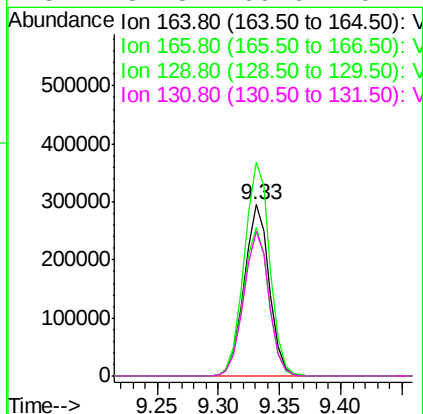
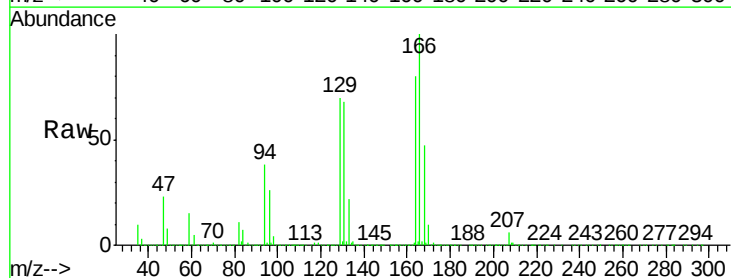
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 692634
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 68.187 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion:164 Resp: 417914
Ion Ratio Lower Upper
164 100
166 124.9 104.0 156.0
129 87.1 72.2 108.4
131 84.8 69.6 104.4





#65

Chlorobenzene

Concen: 48.512 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

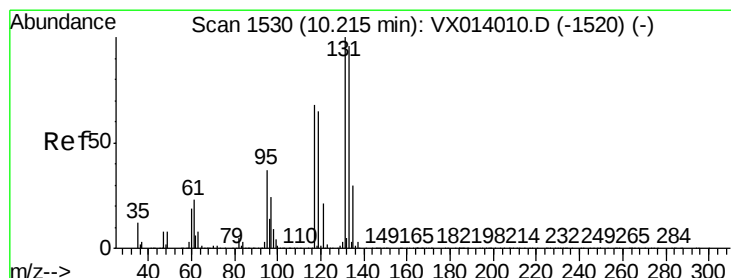
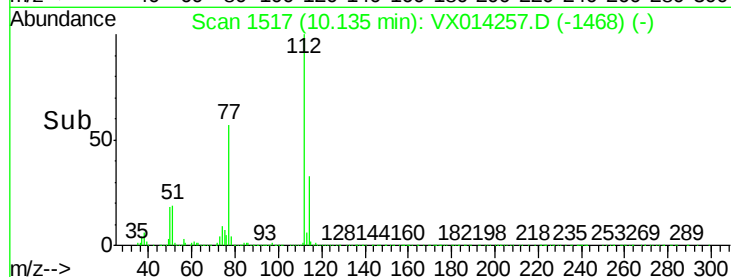
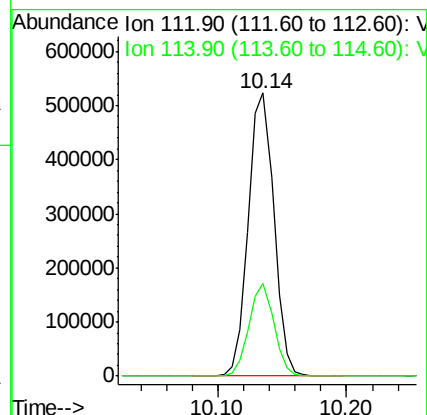
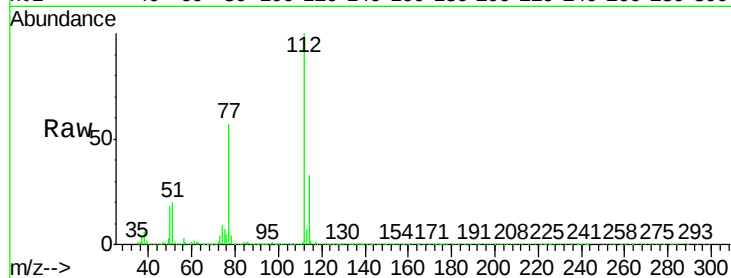
VSTDCCC050EC

Tgt Ion:112 Resp: 714445

Ion Ratio Lower Upper

112 100

114 32.5 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.880 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

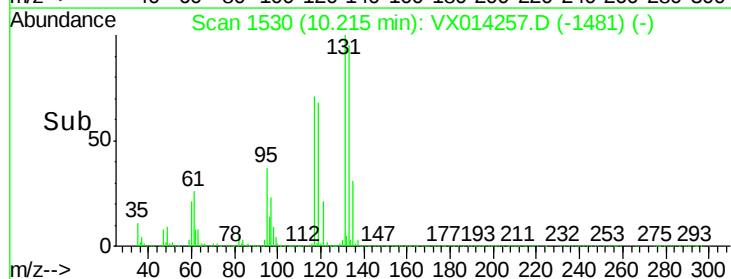
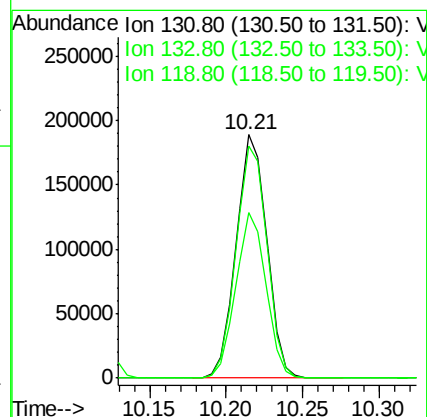
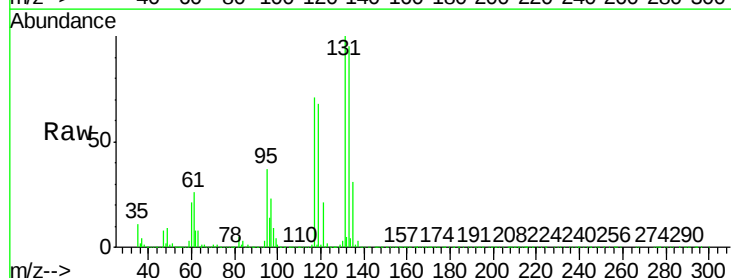
Tgt Ion:131 Resp: 262289

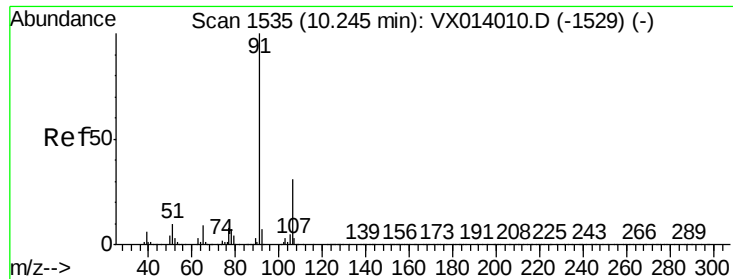
Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

119 66.7 33.4 100.2

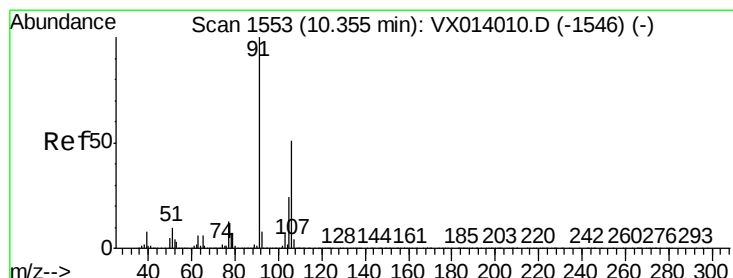
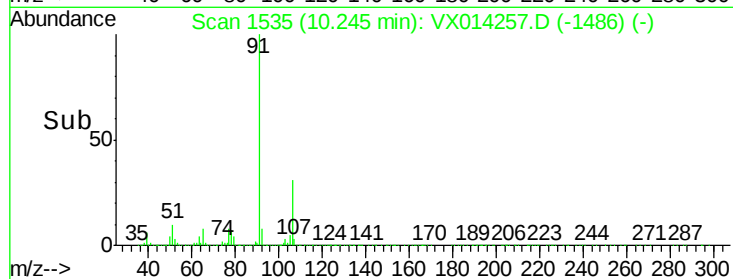
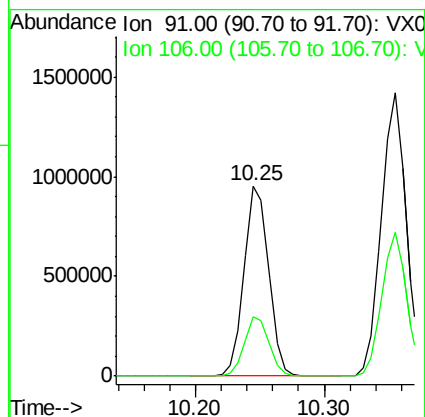
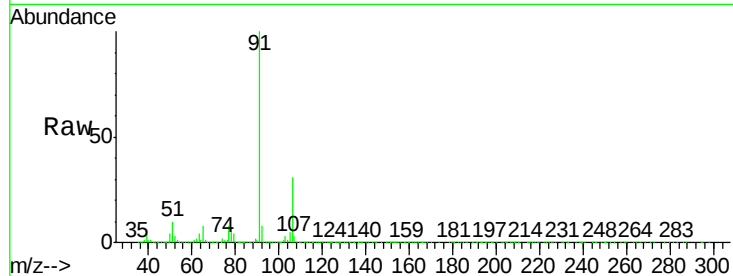




#67
Ethyl Benzene
Concen: 49.467 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

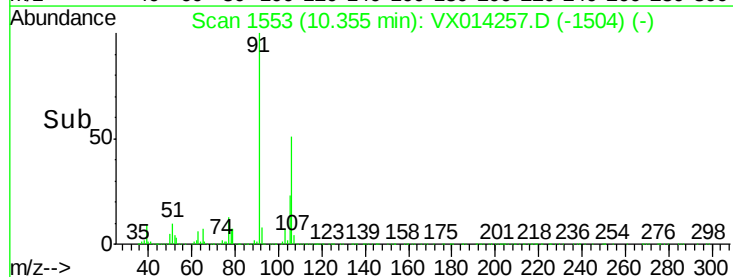
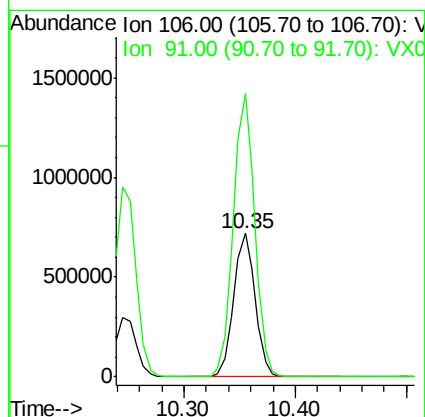
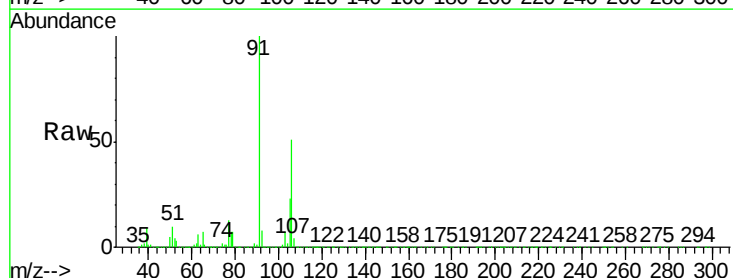
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1252469
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 98.081 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 106 Resp: 955127
Ion Ratio Lower Upper
106 100
91 197.8 158.6 238.0

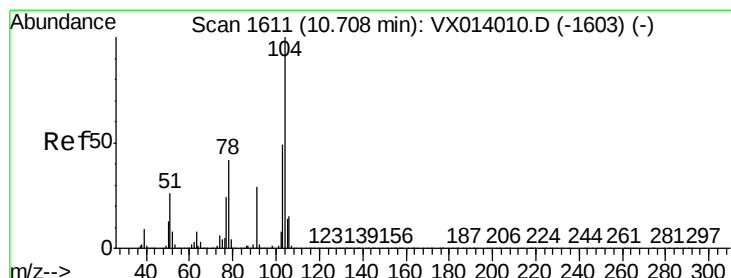
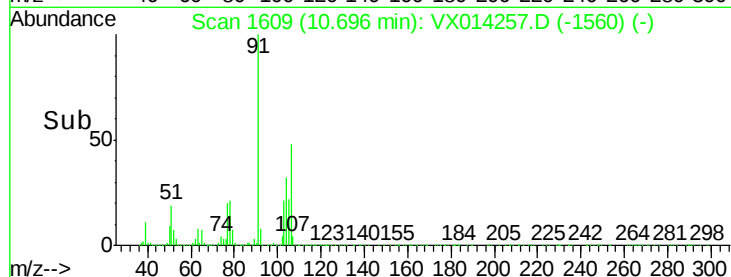
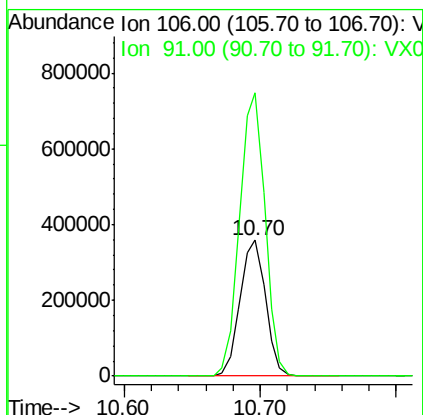
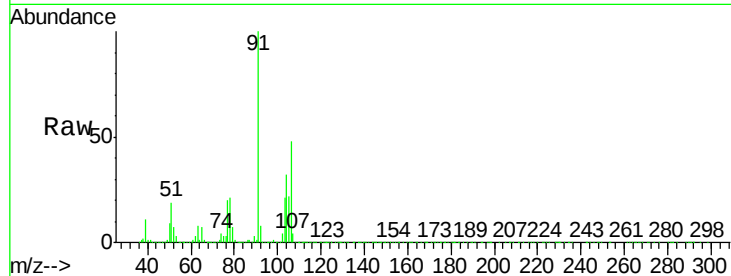




#69
o-Xylene
Concen: 49.042 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

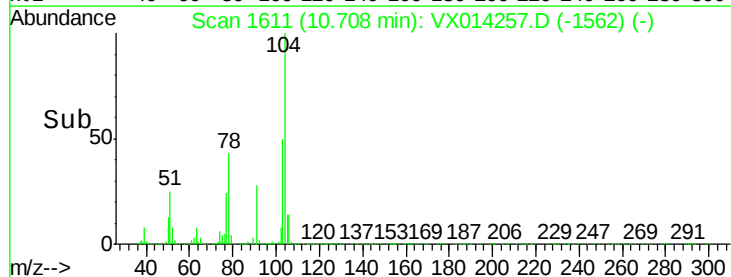
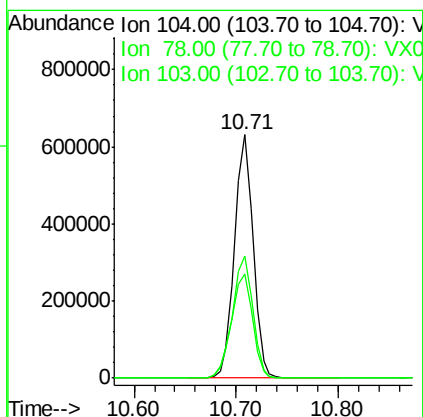
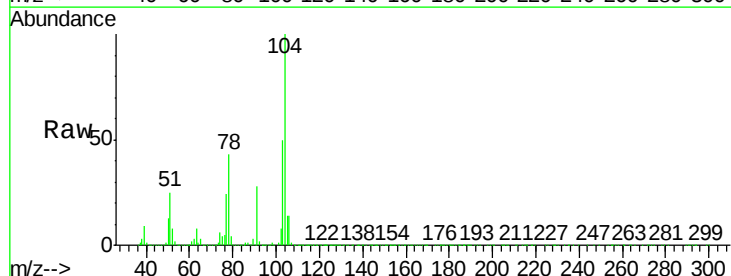
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

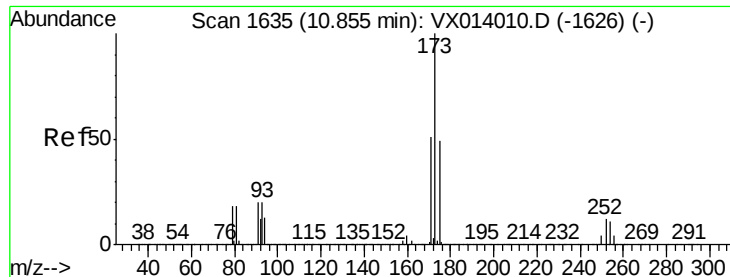
Tgt Ion:106 Resp: 468386
Ion Ratio Lower Upper
106 100
91 208.2 104.2 312.6



#70
Styrene
Concen: 49.108 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion:104 Resp: 793101
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.8 42.9 64.3

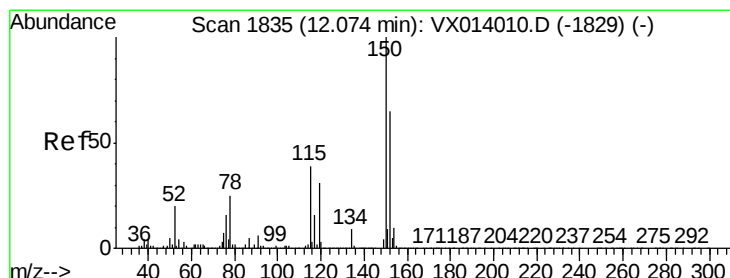
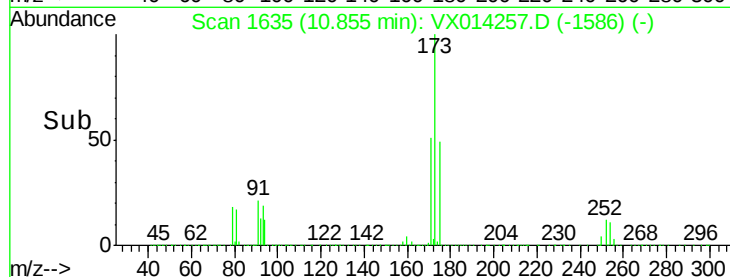
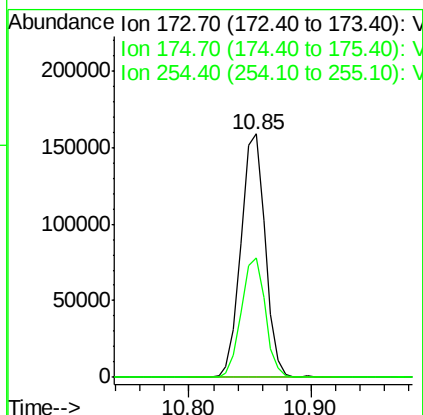
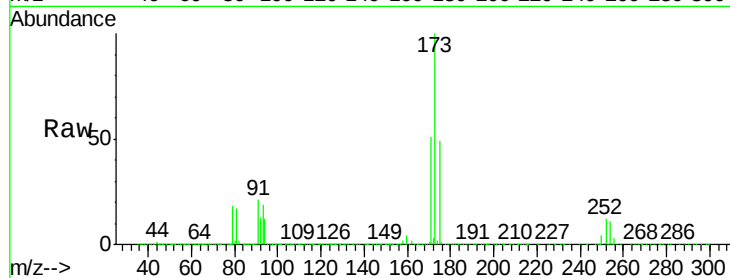




#71
Bromoform
Concen: 51.280 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

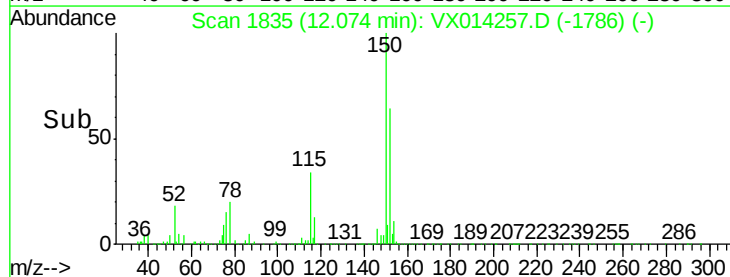
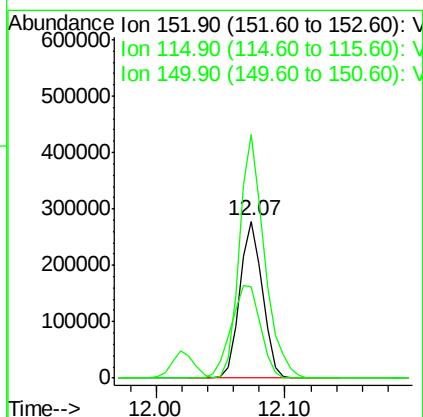
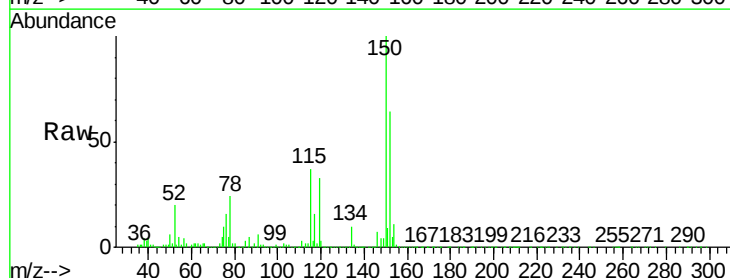
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

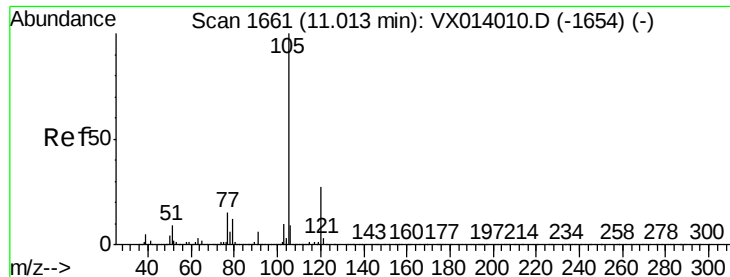
Tgt Ion:173 Resp: 216756
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion:152 Resp: 336614
Ion Ratio Lower Upper
152 100
115 77.5 38.3 114.9
150 171.2 0.0 345.4





#73

Isopropylbenzene

Concen: 51.556 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

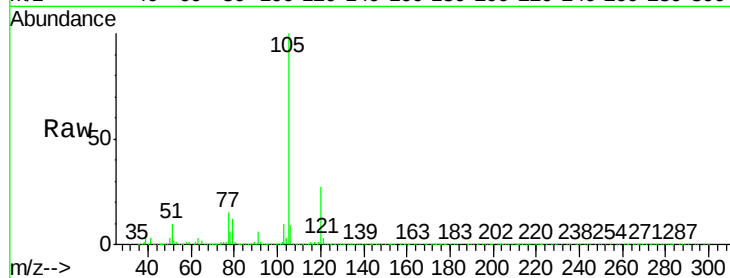
VSTDCCC050EC

Tgt Ion:105 Resp: 1221897

Ion Ratio Lower Upper

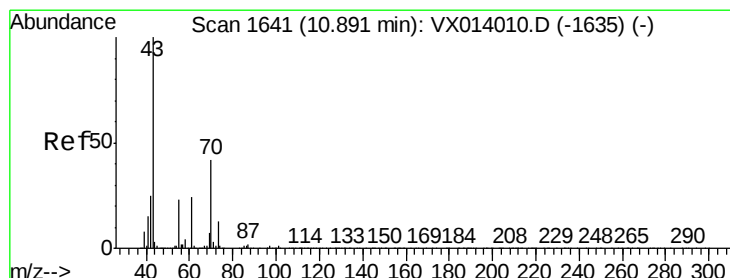
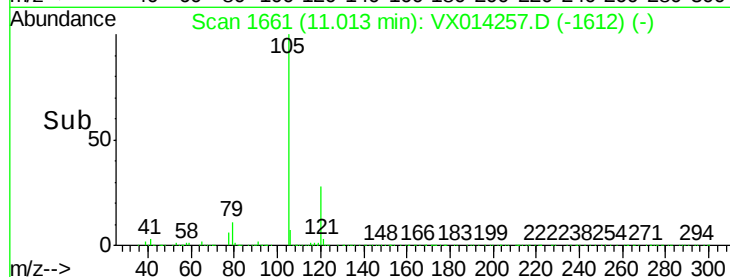
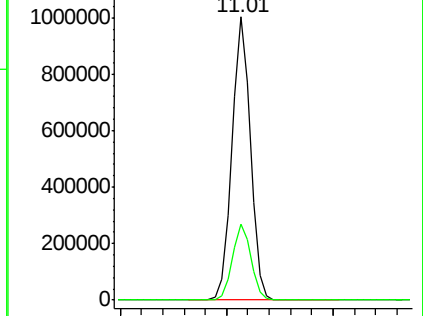
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.171 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Tgt Ion: 43 Resp: 568470

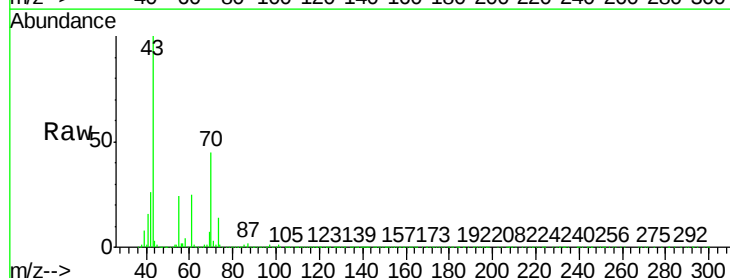
Ion Ratio Lower Upper

43 100

70 43.7 34.4 51.6

55 23.8 19.1 28.7

61 24.9 19.7 29.5

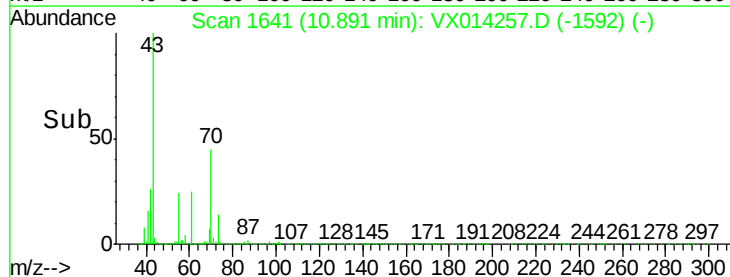
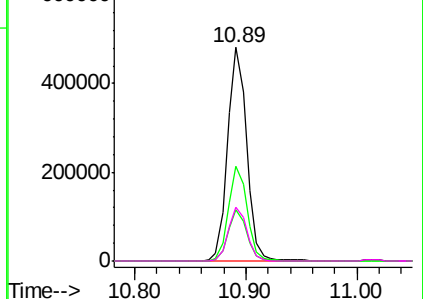


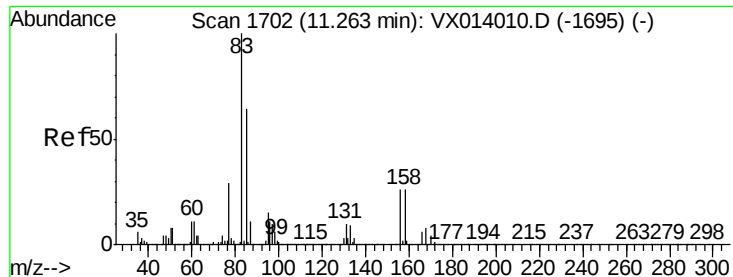
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.619 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

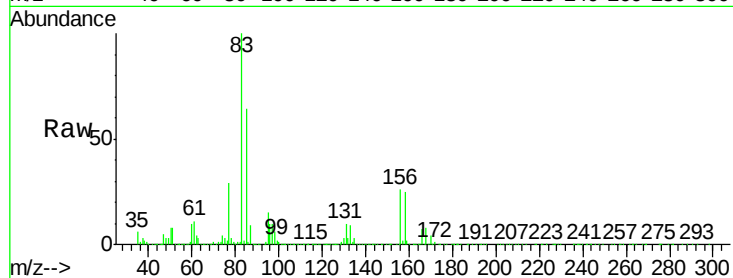
Tgt Ion: 83 Resp: 383051

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

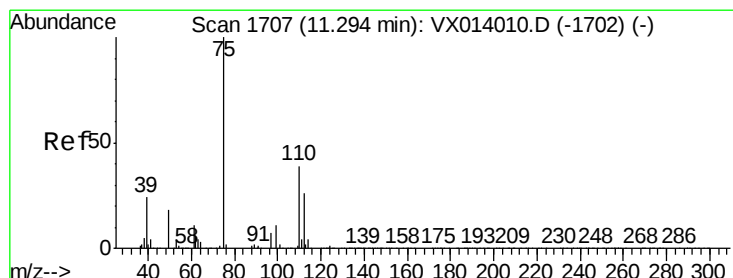
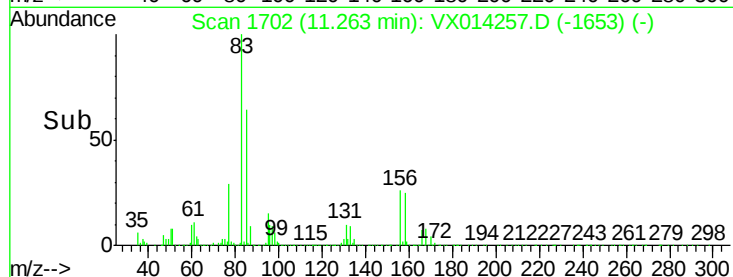
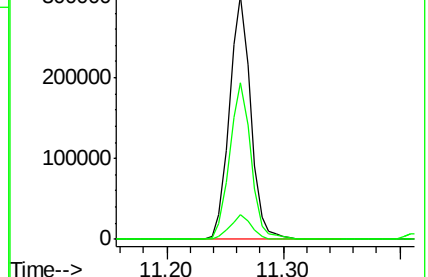
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.599 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014257.D

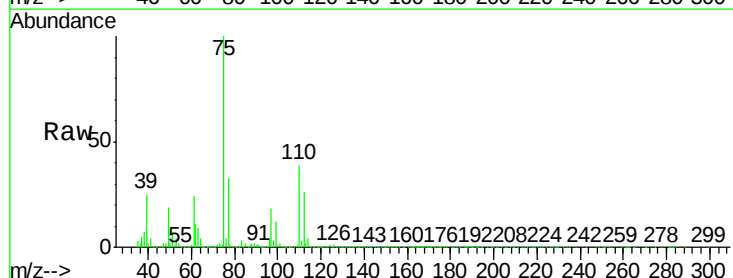
Acq: 24 Dec 2019 19:54

Tgt Ion: 75 Resp: 479387

Ion Ratio Lower Upper

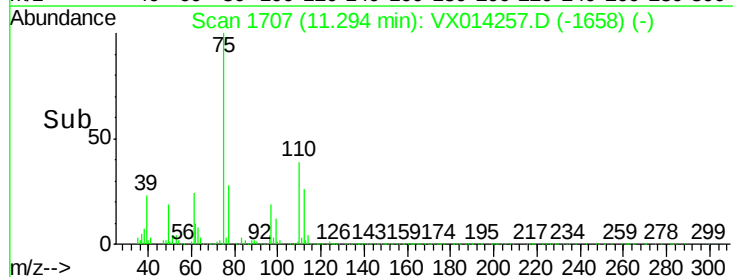
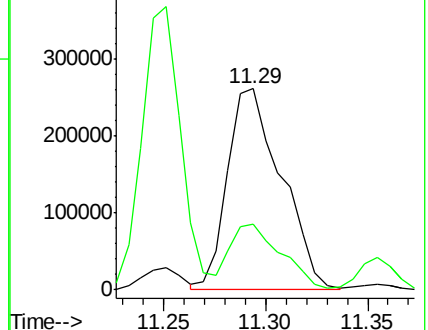
75 100

77 31.0 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.342 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

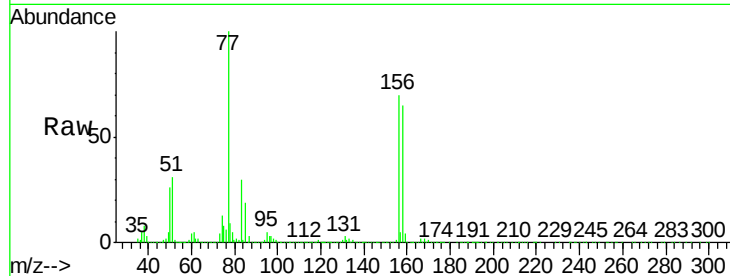
Tgt Ion: 156 Resp: 321747

Ion Ratio Lower Upper

156 100

77 150.8 76.5 229.5

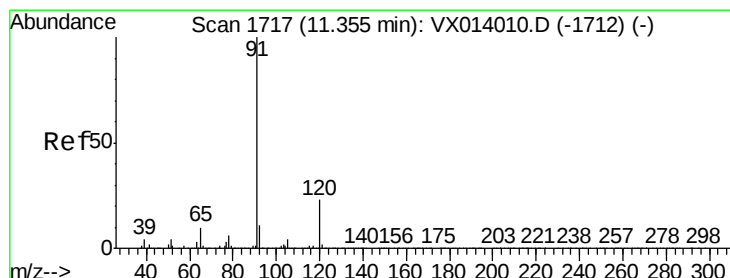
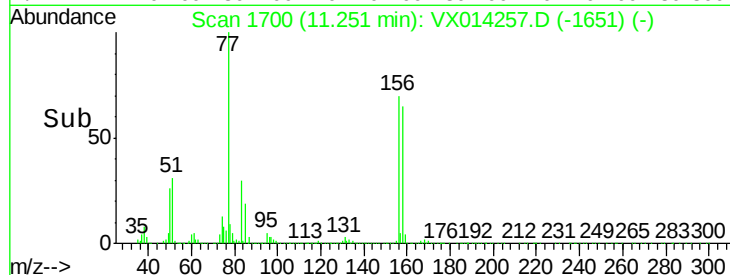
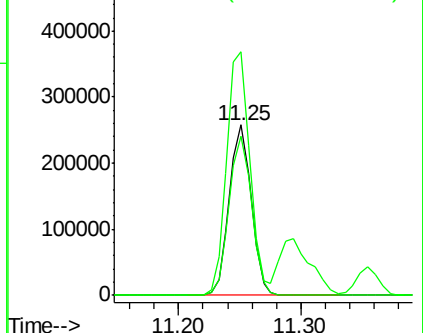
158 95.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.705 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014257.D

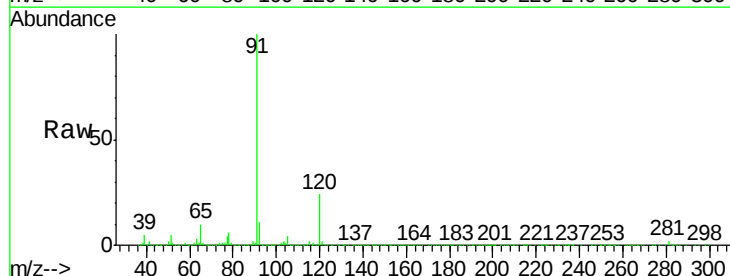
Acq: 24 Dec 2019 19:54

Tgt Ion: 91 Resp: 1374512

Ion Ratio Lower Upper

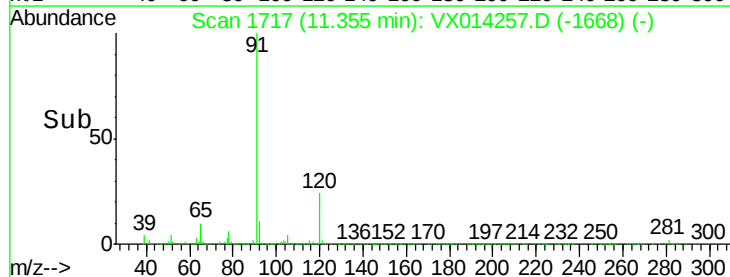
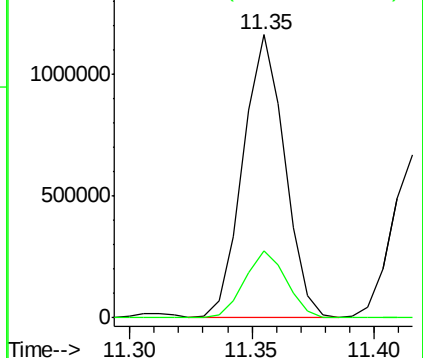
91 100

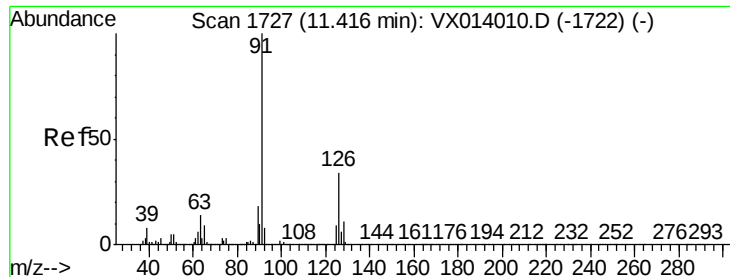
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.444 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

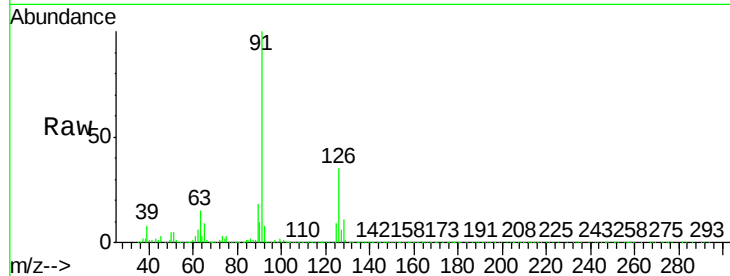
VSTDCCC050EC

Tgt Ion: 91 Resp: 815167

Ion Ratio Lower Upper

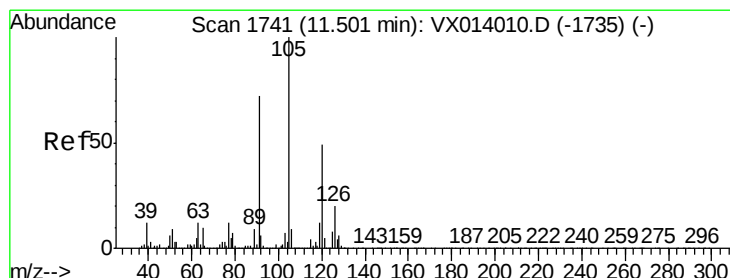
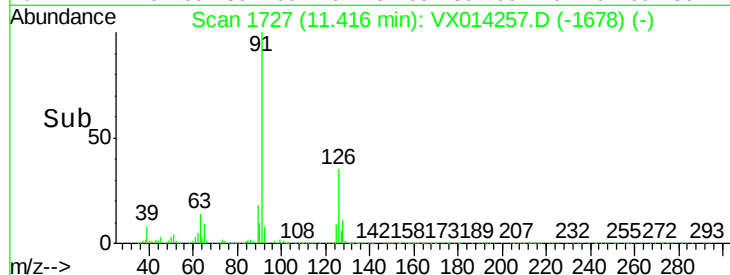
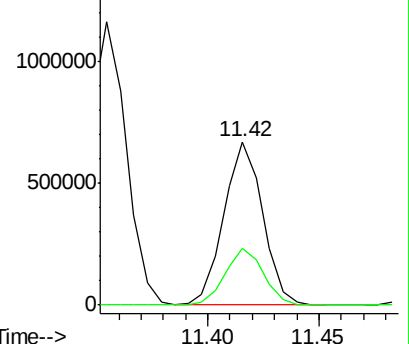
91 100

126 34.7 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX014010.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014010.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.492 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014257.D

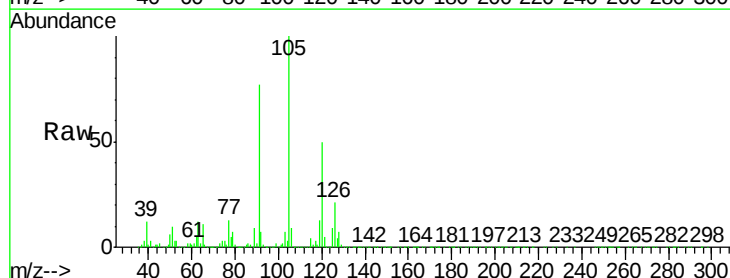
Acq: 24 Dec 2019 19:54

Tgt Ion: 105 Resp: 1007124

Ion Ratio Lower Upper

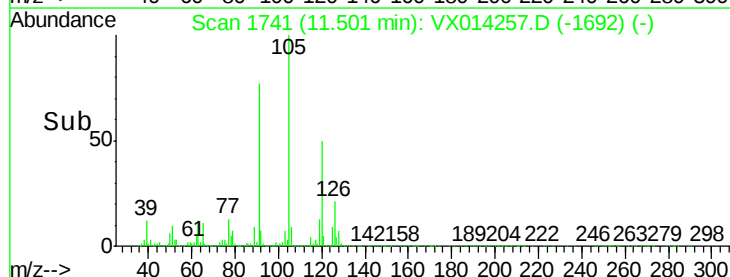
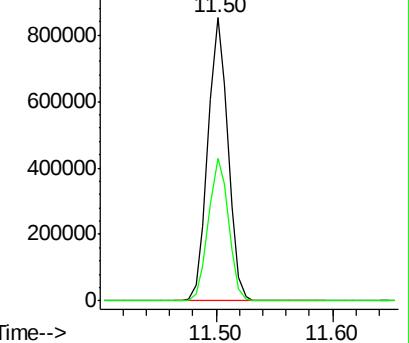
105 100

120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014010.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014010.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.392 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

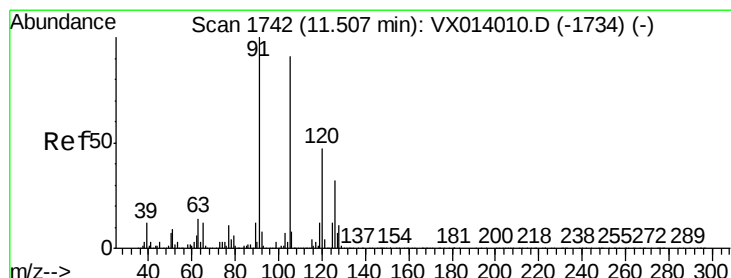
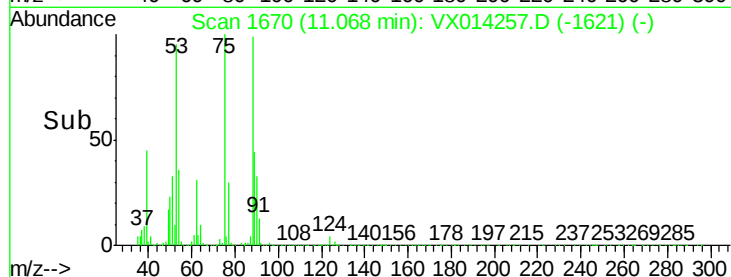
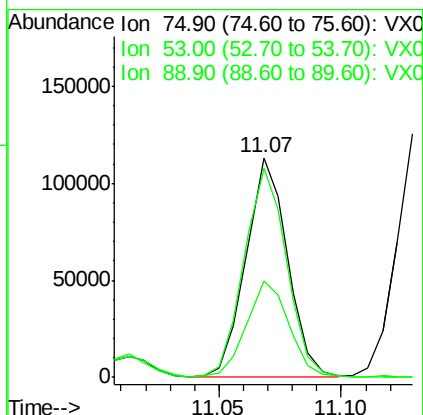
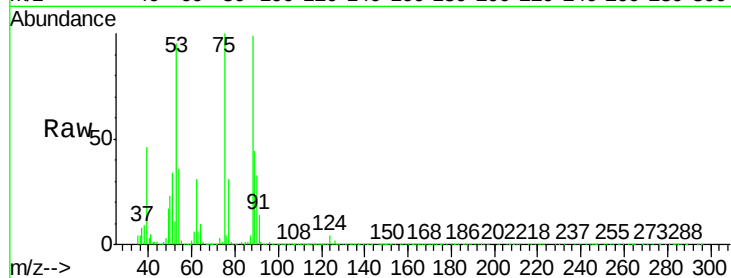
Tgt Ion: 75 Resp: 133059

Ion Ratio Lower Upper

75 100

53 97.6 76.7 115.1

89 45.9 34.6 51.8



#82

4-Chlorotoluene

Concen: 50.240 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014257.D

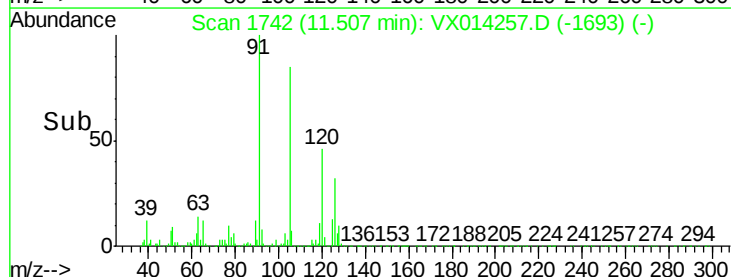
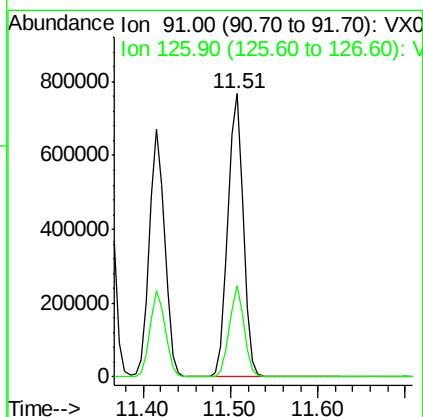
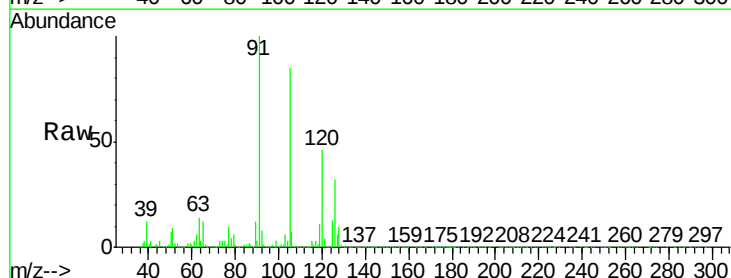
Acq: 24 Dec 2019 19:54

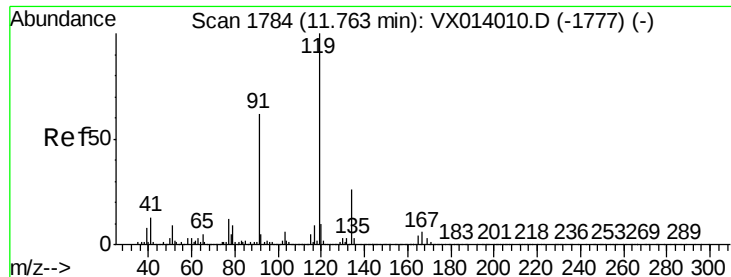
Tgt Ion: 91 Resp: 941732

Ion Ratio Lower Upper

91 100

126 30.5 15.6 46.8

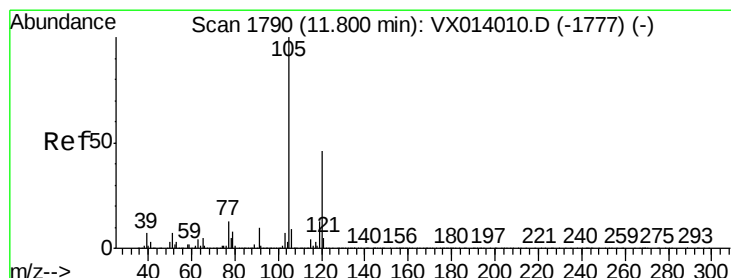
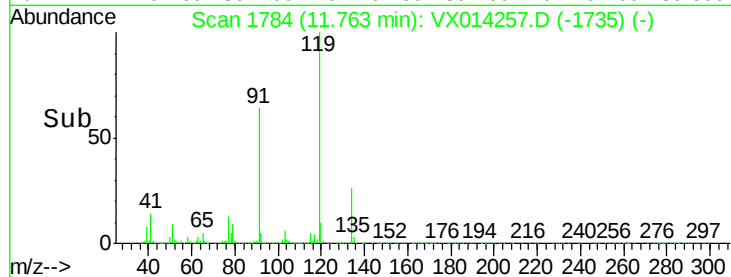
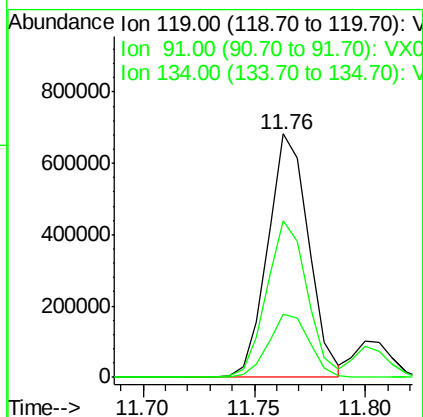
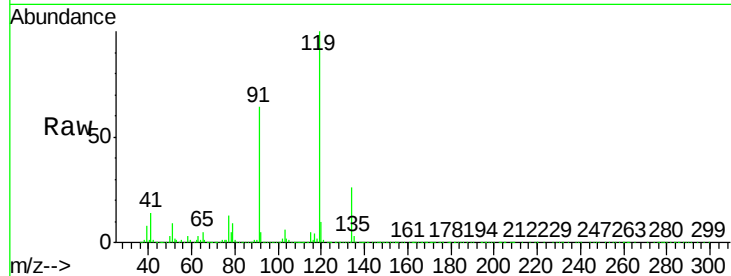




#83
 tert-Butylbenzene
 Concen: 44.678 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

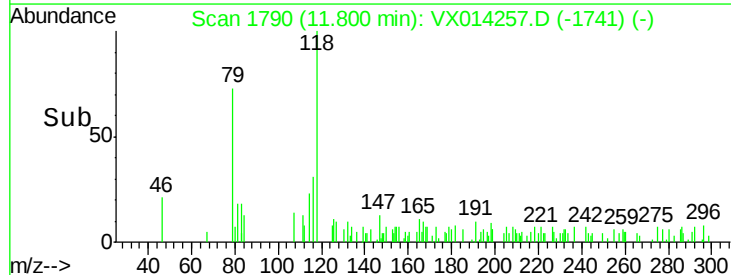
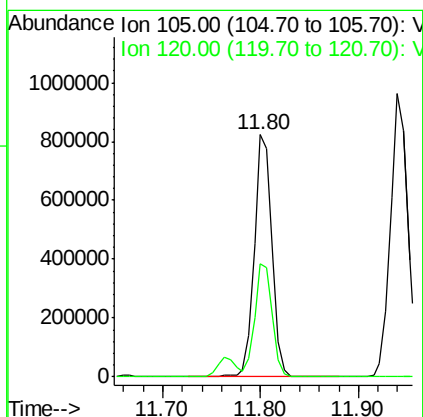
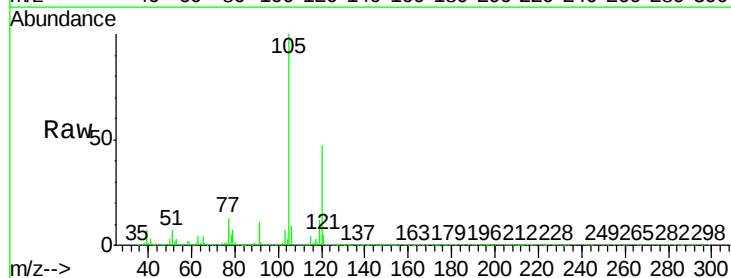
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

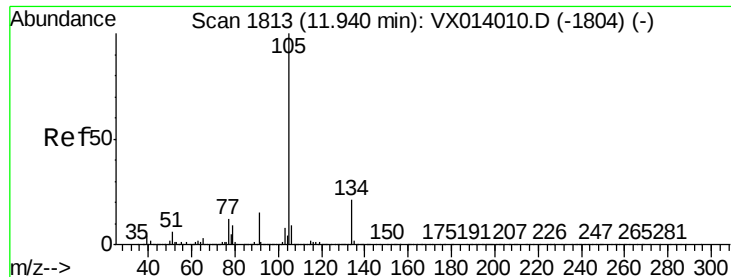
Tgt Ion:119 Resp: 867239
 Ion Ratio Lower Upper
 119 100
 91 63.8 28.5 85.6
 134 26.0 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.868 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion:105 Resp: 1016092
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.113 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

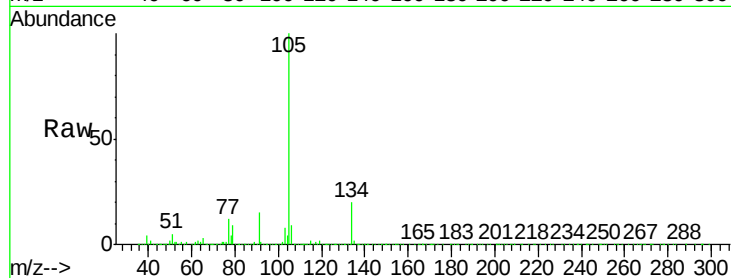
VSTDCCC050EC

Tgt Ion:105 Resp: 1171264

Ion Ratio Lower Upper

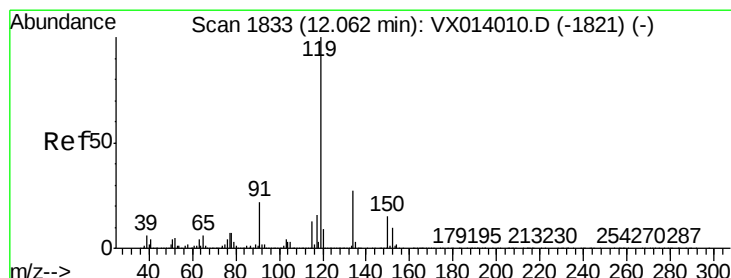
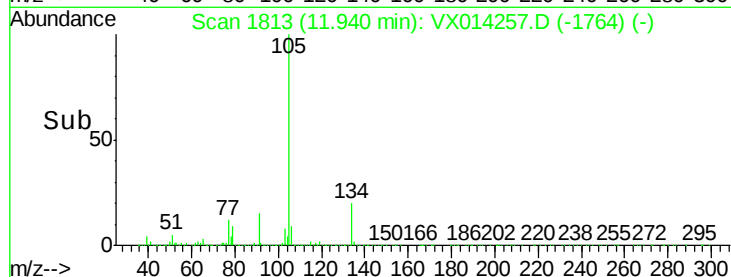
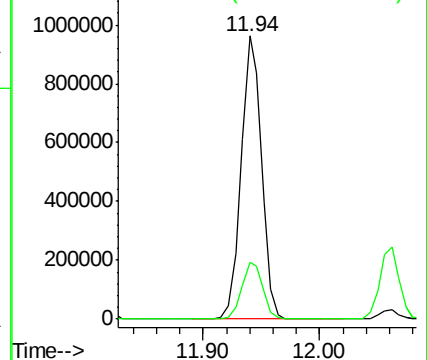
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.088 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014257.D

Acq: 24 Dec 2019 19:54

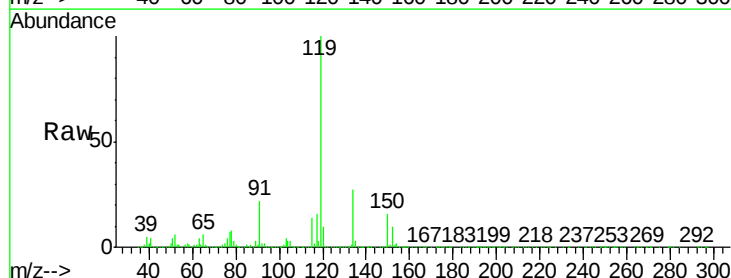
Tgt Ion:119 Resp: 1070874

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

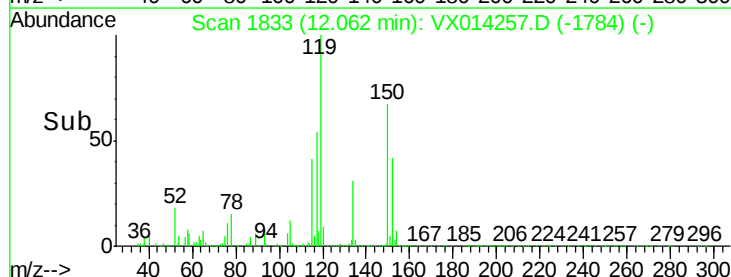
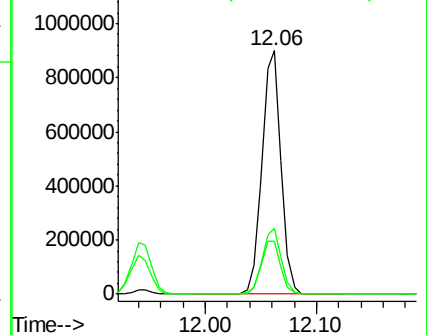
91 22.5 11.4 34.1

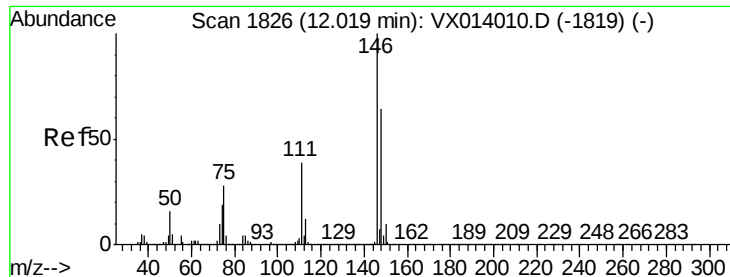


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

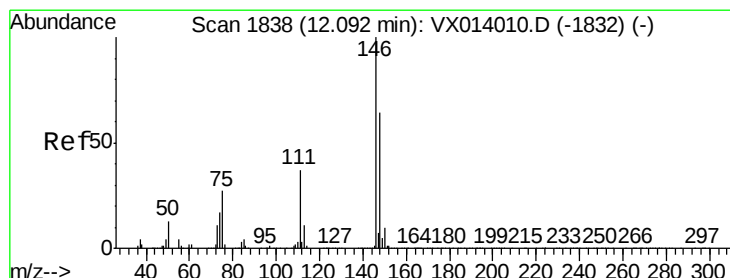
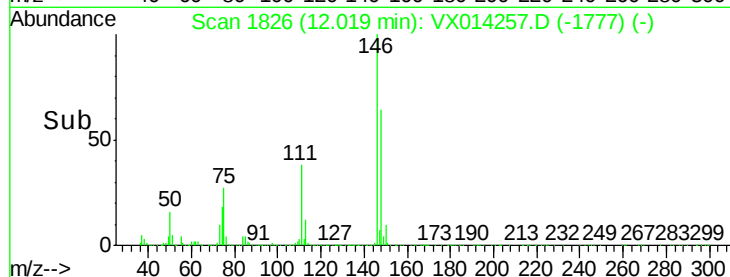
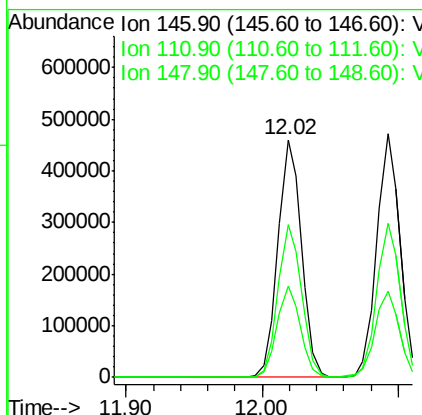
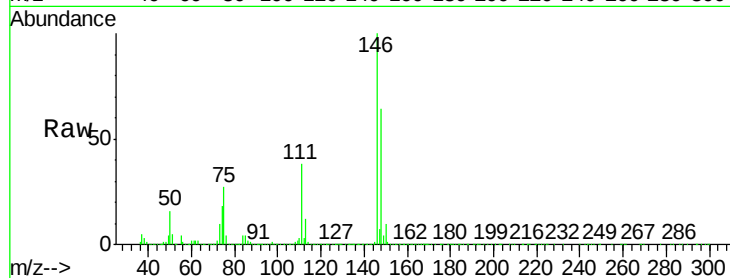




#87
 1,3-Dichlorobenzene
 Concen: 48.606 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

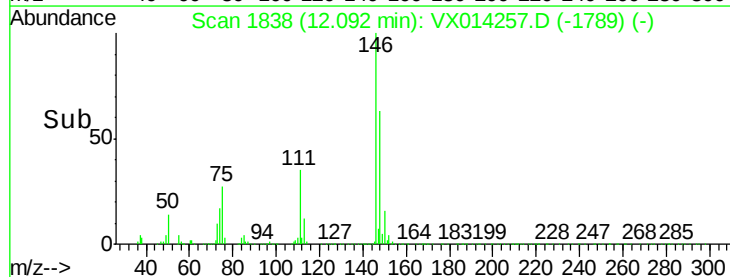
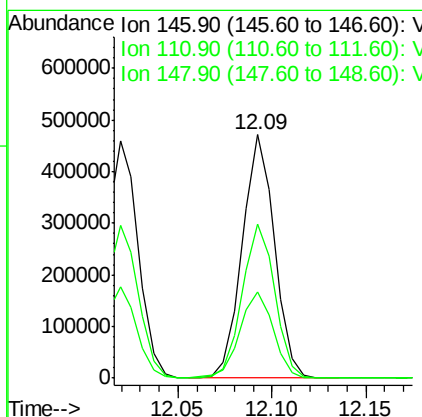
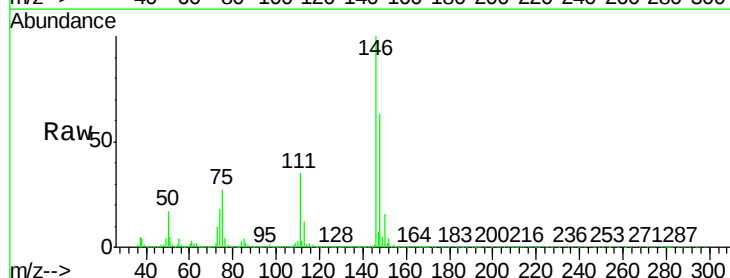
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.5	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 47.893 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.2	31.9	95.9

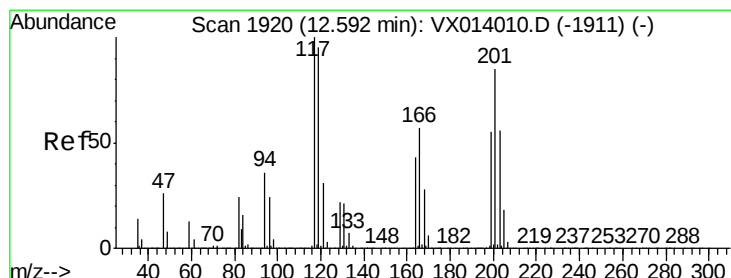
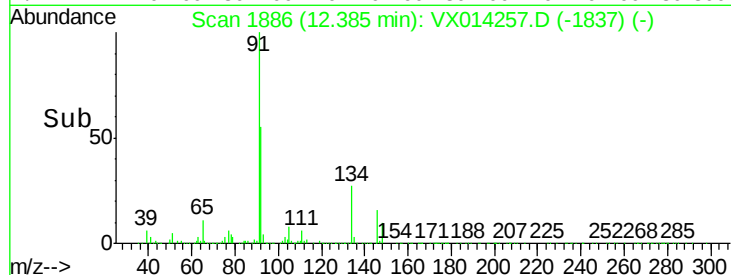
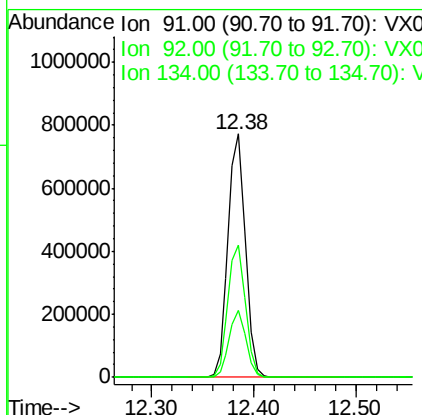
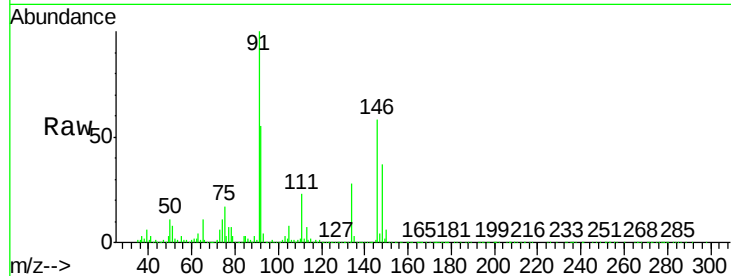




#89
n-Butylbenzene
Concen: 50.891 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

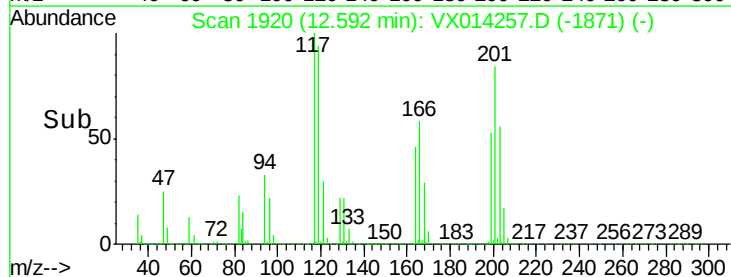
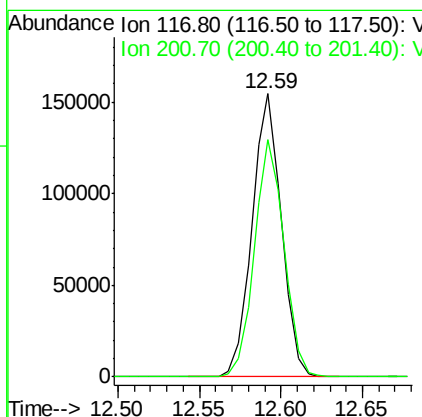
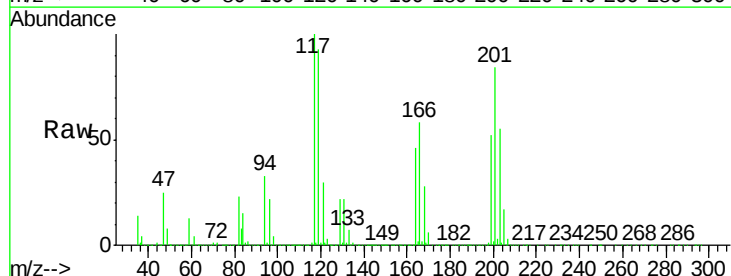
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

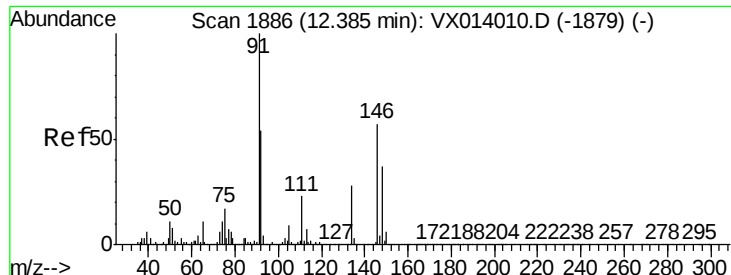
Tgt Ion: 91 Resp: 910209
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 51.072 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion: 117 Resp: 192287
Ion Ratio Lower Upper
117 100
201 84.6 43.1 129.3

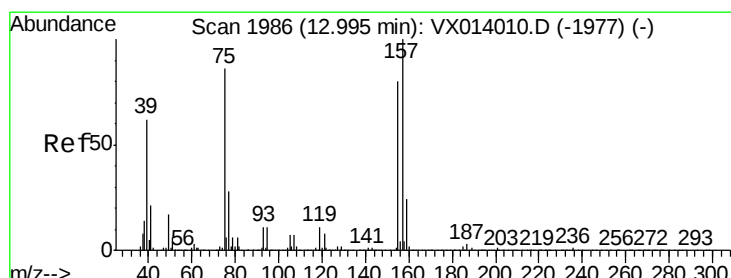
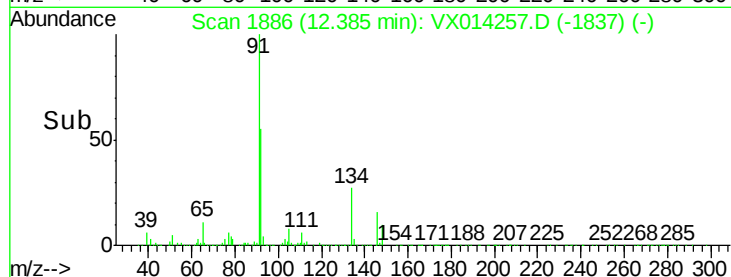
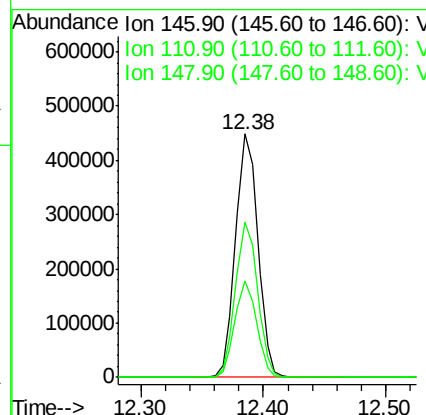
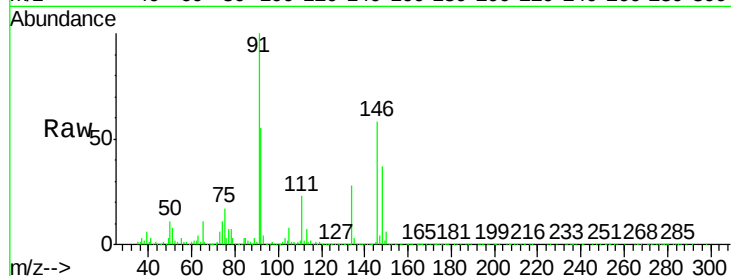




#91
 1,2-Dichlorobenzene
 Concen: 49.118 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

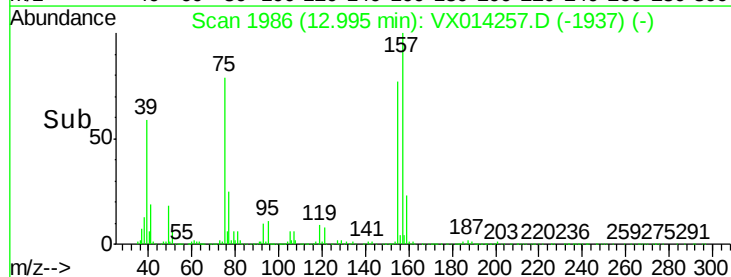
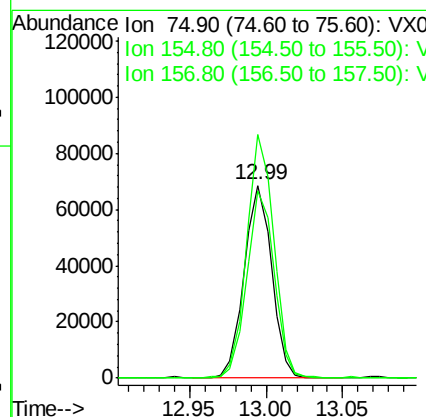
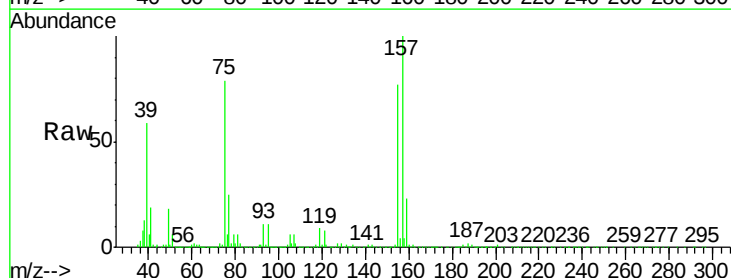
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	63.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.861 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	46.9	140.6
157	125.1	60.8	182.4

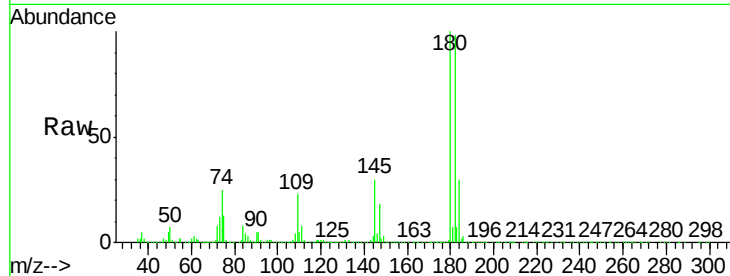




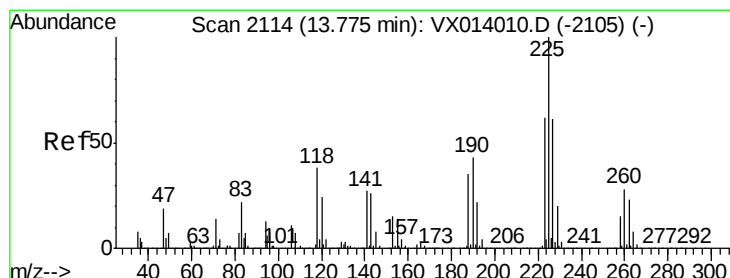
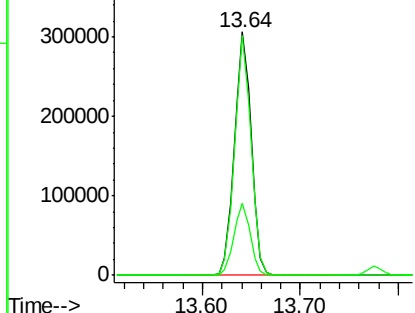
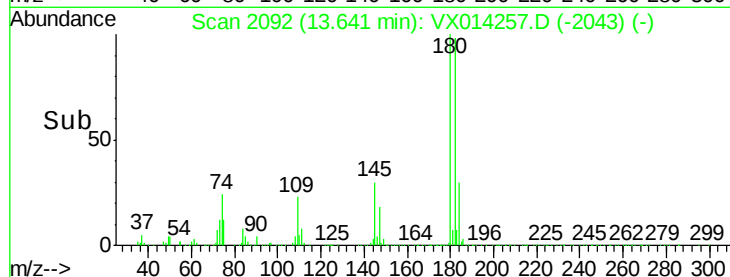
#93
 1,2,4-Trichlorobenzene
 Concen: 48.793 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 364850
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.6 139.8
 145 28.8 14.2 42.6

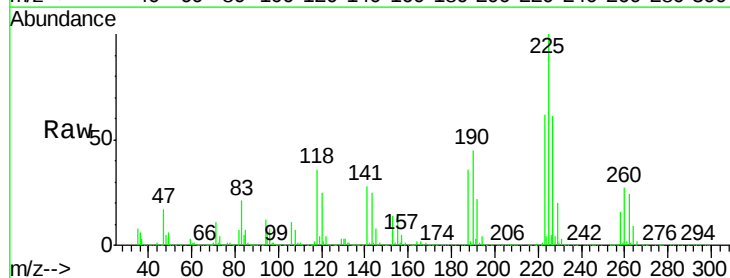


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

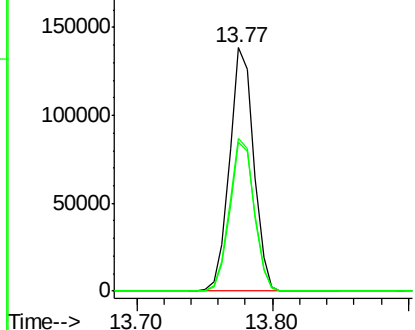
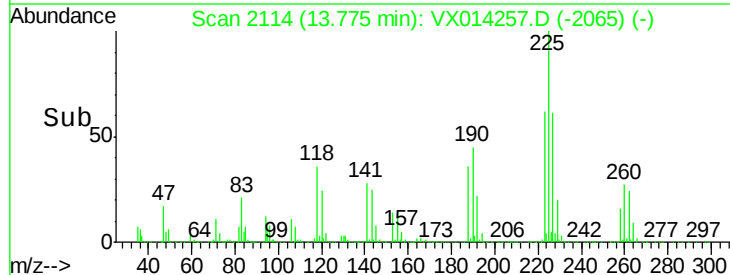


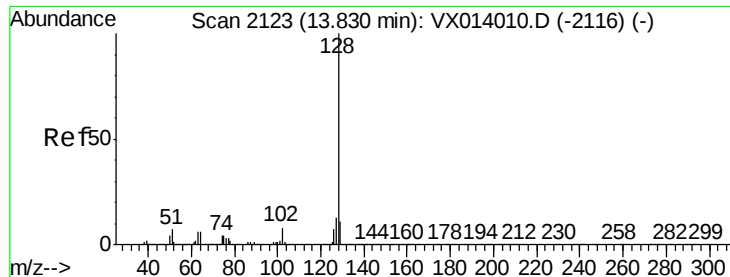
#94
 Hexachlorobutadiene
 Concen: 47.352 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014257.D
 Acq: 24 Dec 2019 19:54

Tgt Ion:225 Resp: 170167
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.9 92.5
 227 62.7 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

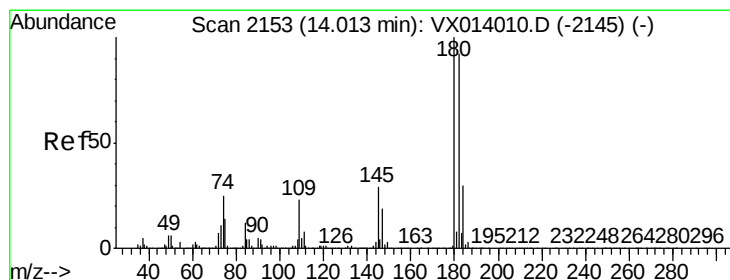
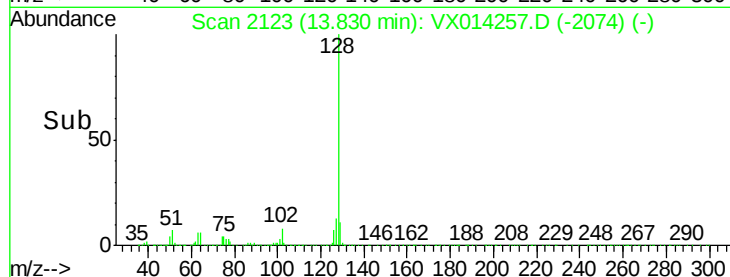
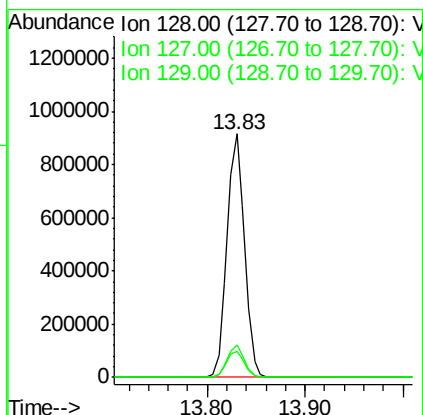
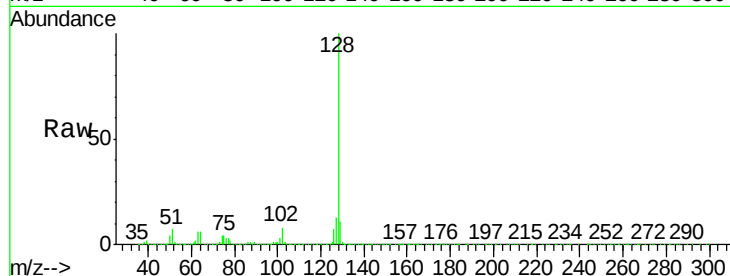




#95
Naphthalene
Concen: 51.808 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1138165
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.708 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014257.D
Acq: 24 Dec 2019 19:54

Tgt Ion:180 Resp: 374294
Ion Ratio Lower Upper
180 100
182 95.5 46.8 140.3
145 30.1 14.8 44.4

