

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014300.D
 Acq On : 27 Dec 2019 04:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 27 06:12:10 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	465272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	748061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336150	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	272771	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	227442	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	875136	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	310400	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	182610	43.871	ug/l	100
3) Chloromethane	1.32	50	266413	47.692	ug/l	97
4) Vinyl Chloride	1.40	62	282373	47.906	ug/l	98
5) Bromomethane	1.63	94	188789	45.127	ug/l	96
6) Chloroethane	1.71	64	181514	49.895	ug/l	96
7) Trichlorofluoromethane	1.92	101	356427	48.848	ug/l	98
8) Diethyl Ether	2.18	74	167934	49.040	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210752	47.916	ug/l	99
10) Methyl Iodide	2.50	142	282061	48.700	ug/l	98
11) Tert butyl alcohol	3.03	59	319801	280.670	ug/l	98
12) 1,1-Dichloroethene	2.36	96	217614	48.622	ug/l	99
13) Acrolein	2.28	56	172884	265.062	ug/l	98
14) Allyl chloride	2.72	41	407778	51.029	ug/l	97
15) Acrylonitrile	3.13	53	728435	273.900	ug/l	100
16) Acetone	2.43	43	625720	182.775	ug/l	100
17) Carbon Disulfide	2.56	76	543033	43.799	ug/l	99
18) Methyl Acetate	2.76	43	385054	56.762	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	767176	52.164	ug/l	98
20) Methylene Chloride	2.85	84	263572	48.891	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	237904	48.249	ug/l	99
22) Diisopropyl ether	3.84	45	857050	53.821	ug/l	98
23) Vinyl Acetate	3.80	43	3630115	279.345	ug/l	100
24) 1,1-Dichloroethane	3.69	63	449596	50.747	ug/l	99
25) 2-Butanone	4.65	43	1030949	244.260	ug/l	97
26) 2,2-Dichloropropane	4.58	77	249383	36.254	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	285698	51.233	ug/l	95
28) Bromochloromethane	5.00	49	194655	57.065	ug/l	96
29) Tetrahydrofuran	5.11	42	674917	285.891	ug/l	98
30) Chloroform	5.20	83	434790	51.769	ug/l	98
31) Cyclohexane	5.57	56	397992	50.508	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	358341	50.062	ug/l	99
36) 1,1-Dichloropropene	5.79	75	323966	47.199	ug/l	99
37) Ethyl Acetate	4.82	43	396153	52.265	ug/l	100
38) Carbon Tetrachloride	5.78	117	300956	48.130	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122619\
 Data File : VX014300.D
 Acq On : 27 Dec 2019 04:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Dec 27 06:12:10 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)
39) Methylcyclohexane	7.46	83	384542	45.372	ug/l	99
40) Benzene	6.14	78	1025596	48.562	ug/l	99
41) Methacrylonitrile	5.03	41	222561	52.920	ug/l	98
42) 1,2-Dichloroethane	6.19	62	347762	48.577	ug/l	100
43) Isopropyl Acetate	6.44	43	648105	51.667	ug/l	100
44) Trichloroethene	7.21	130	273520	46.889	ug/l	97
45) 1,2-Dichloropropane	7.51	63	275277	50.854	ug/l	97
46) Dibromomethane	7.65	93	171307	47.866	ug/l	99
47) Bromodichloromethane	7.89	83	337684	50.100	ug/l	100
48) Methyl methacrylate	7.76	41	319143	51.957	ug/l	99
49) 1,4-Dioxane	7.73	88	135509	1084.071	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2071253	262.922	ug/l	99
52) Toluene	8.78	92	639305	47.892	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	354793	48.005	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	397248	48.246	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	266681	49.846	ug/l	99
56) Ethyl methacrylate	9.17	69	432265	51.435	ug/l	99
57) 1,3-Dichloropropane	9.37	76	448360	49.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	861428	270.854	ug/l	99
59) 2-Hexanone	9.49	43	1572528	247.967	ug/l	100
60) Dibromochloromethane	9.57	129	269548	50.686	ug/l	99
61) 1,2-Dibromoethane	9.67	107	275400	50.311	ug/l	100
64) Tetrachloroethene	9.33	164	294271	49.295	ug/l	97
65) Chlorobenzene	10.14	112	680702	47.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	257924	50.359	ug/l	98
67) Ethyl Benzene	10.25	91	1199221	48.628	ug/l	100
68) m/p-Xylenes	10.36	106	914816	96.449	ug/l	100
69) o-Xylene	10.70	106	449833	48.357	ug/l	99
70) Styrene	10.71	104	770677	48.994	ug/l	99
71) Bromoform	10.86	173	206453	50.147	ug/l	99
73) Isopropylbenzene	11.01	105	1182059	49.944	ug/l	100
74) N-amyl acetate	10.89	43	579088	52.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	405895	49.467	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	461884	63.291	ug/l	87
77) Bromobenzene	11.25	156	307873	47.279	ug/l	99
78) n-propylbenzene	11.35	91	1327042	49.988	ug/l	100
79) 2-Chlorotoluene	11.42	91	791643	49.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	979257	49.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	121087	46.832	ug/l	97
82) 4-Chlorotoluene	11.51	91	904039	48.296	ug/l	100
83) tert-Butylbenzene	11.76	119	950011	49.010	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	987450	49.503	ug/l	100
85) sec-Butylbenzene	11.94	105	1135790	49.634	ug/l	99
86) p-Isopropyltoluene	12.06	119	1036469	49.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	536243	46.987	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	537645	46.331	ug/l	99
89) n-Butylbenzene	12.39	91	878290	49.174	ug/l	100
90) Hexachloroethane	12.59	117	184846	49.164	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	548753	47.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87564	48.224	ug/l	98

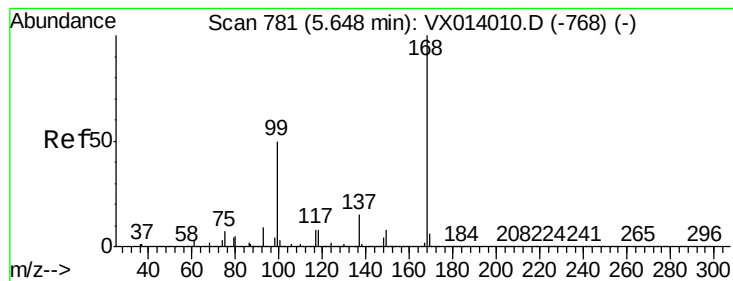
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
Data File : VX014300.D
Acq On : 27 Dec 2019 04:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 27 06:12:10 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)
93) 1,2,4-Trichlorobenzene	13.64	180	357619	47.892	ug/l	99
94) Hexachlorobutadiene	13.78	225	166603	46.424	ug/l	97
95) Naphthalene	13.83	128	1150729	52.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369145	50.080	ug/l	99

(#) = 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: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

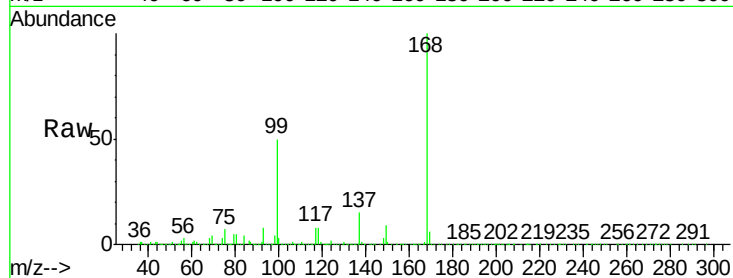
VSTDCCC050EC

Tgt Ion:168 Resp: 465272

Ion Ratio Lower Upper

168 100

99 50.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

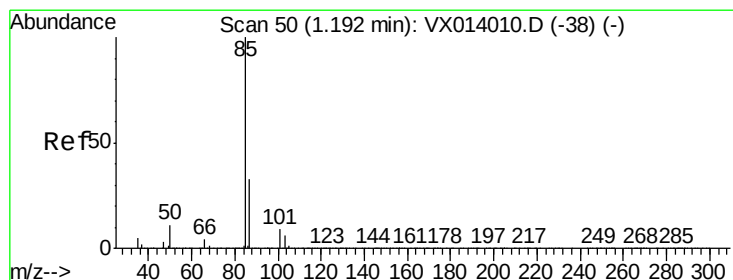
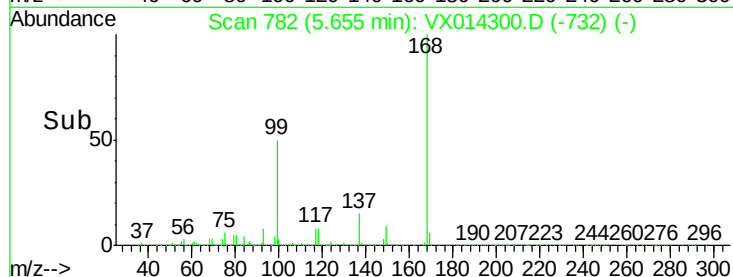
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.871 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014300.D

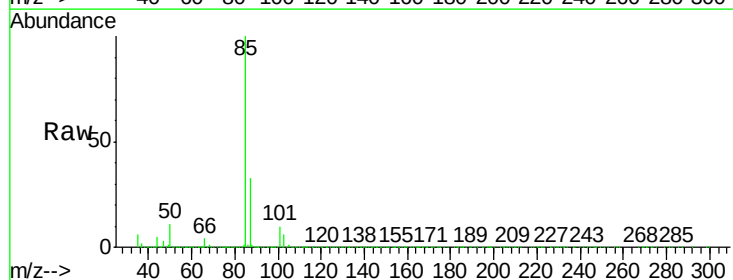
Acq: 27 Dec 2019 04:22

Tgt Ion: 85 Resp: 182610

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

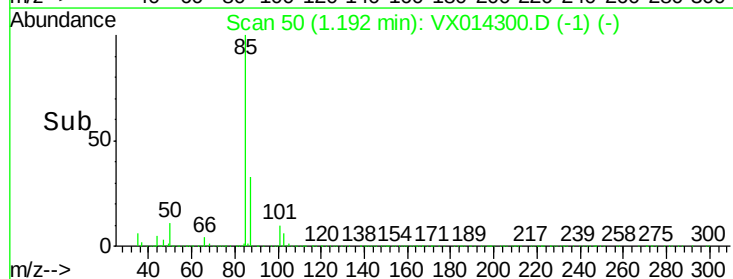
150000

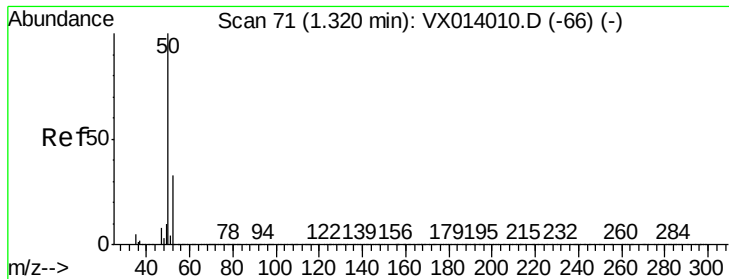
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.692 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

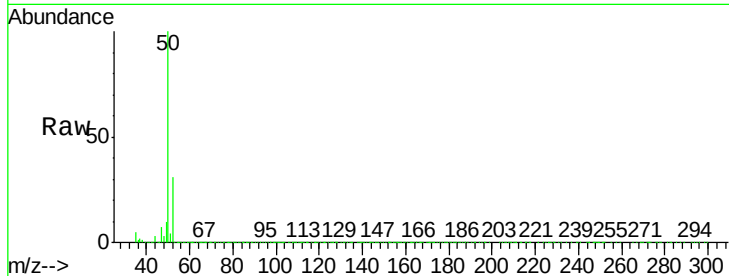
VSTDCCC050EC

Tgt Ion: 50 Resp: 266413

Ion Ratio Lower Upper

50 100

52 31.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300000

250000

200000

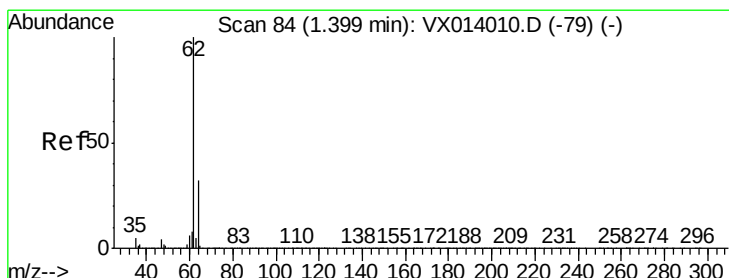
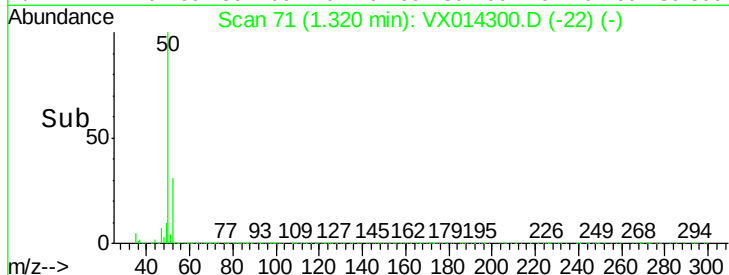
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.906 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014300.D

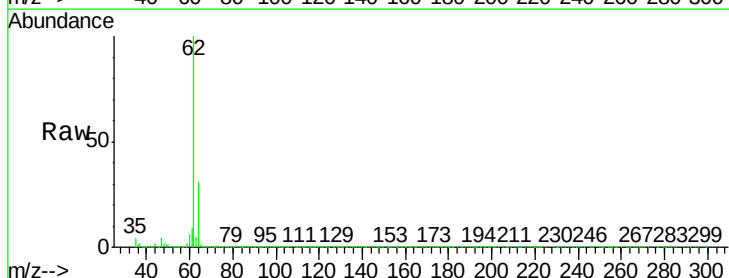
Acq: 27 Dec 2019 04:22

Tgt Ion: 62 Resp: 282373

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

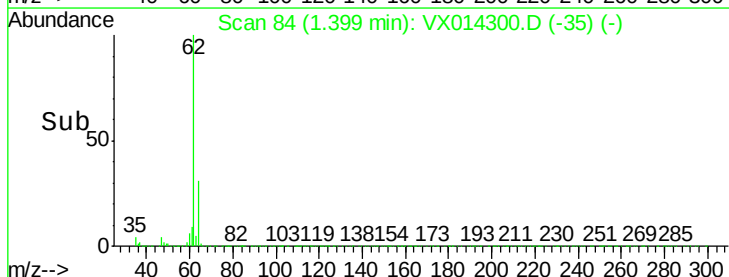
300000

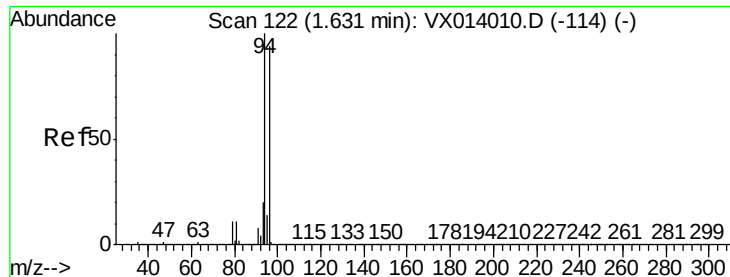
200000

100000

0

Time-->





#5

Bromomethane

Concen: 45.127 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

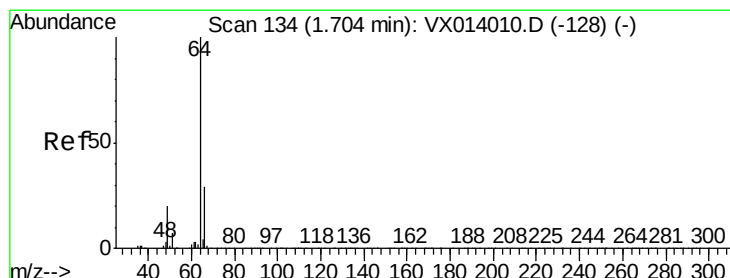
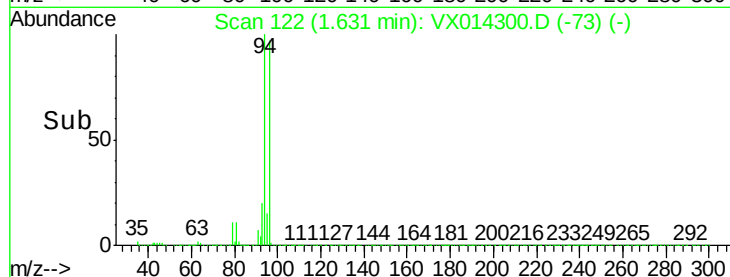
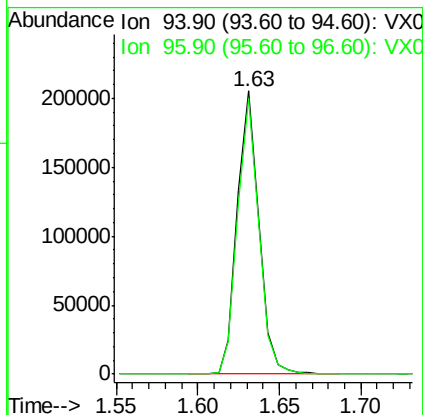
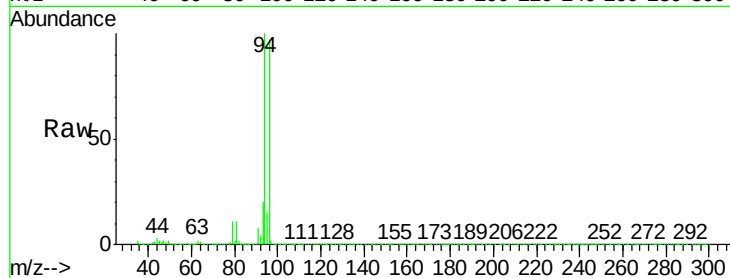
VSTDCCC050EC

Tgt Ion: 94 Resp: 188789

Ion Ratio Lower Upper

94 100

96 97.4 75.2 112.8



#6

Chloroethane

Concen: 49.895 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014300.D

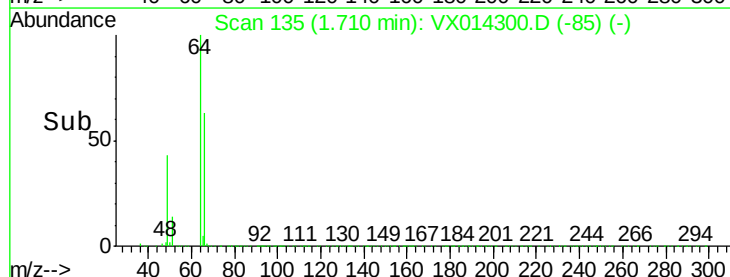
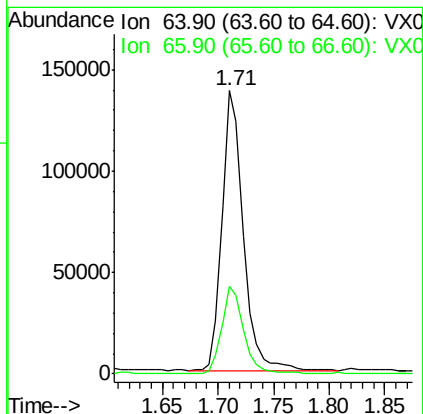
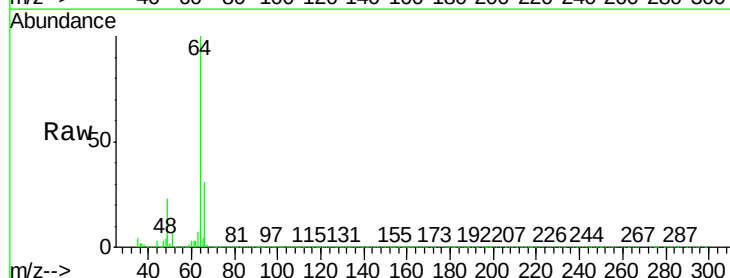
Acq: 27 Dec 2019 04:22

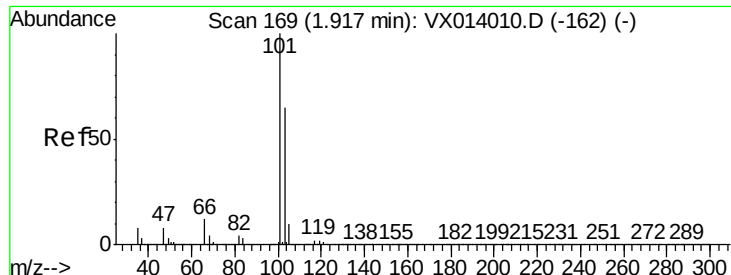
Tgt Ion: 64 Resp: 181514

Ion Ratio Lower Upper

64 100

66 31.2 23.4 35.2



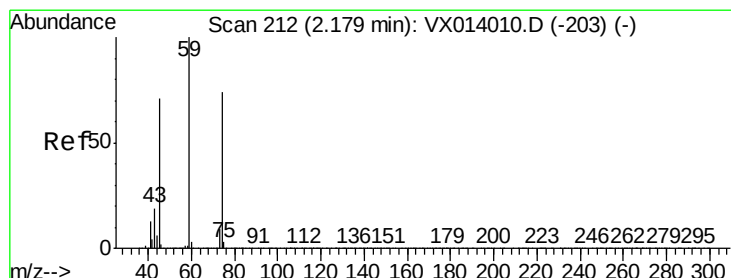
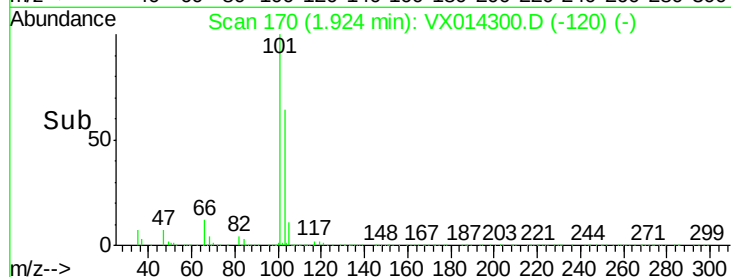
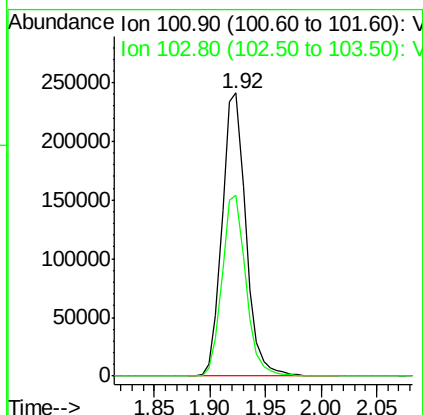
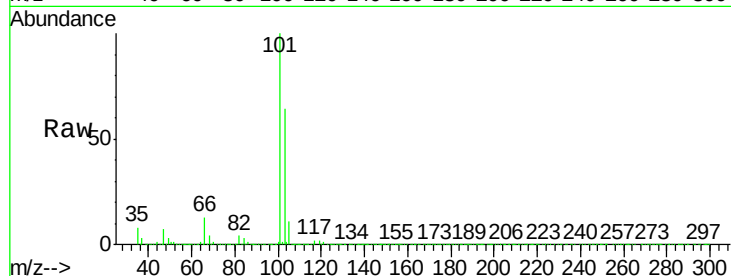


#7

Trichlorofluoromethane
Concen: 48.848 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

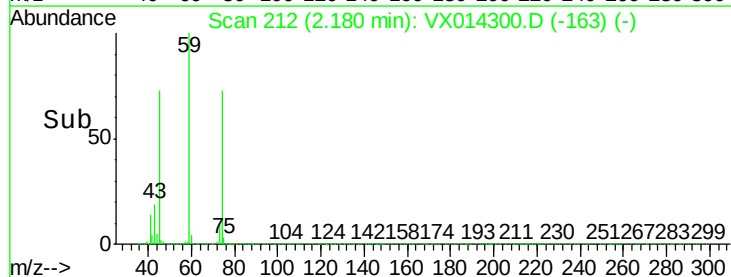
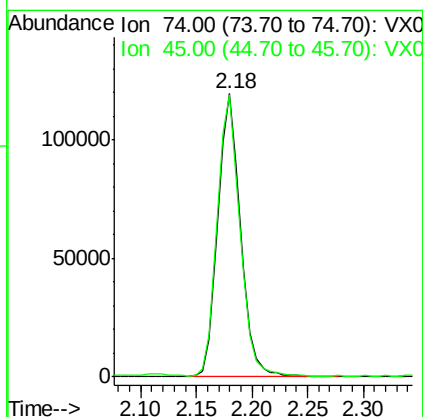
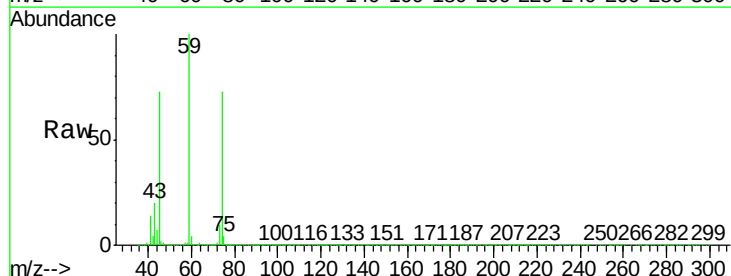
Tgt Ion:101 Resp: 356427
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

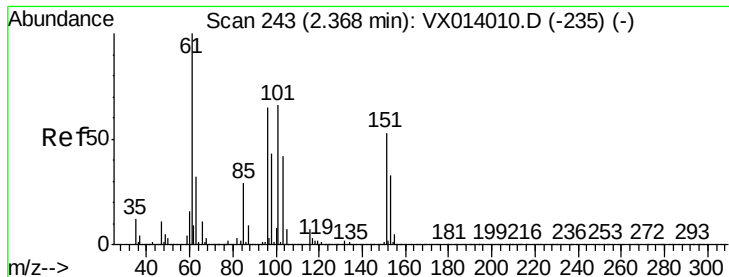


#8

Diethyl Ether
Concen: 49.040 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 74 Resp: 167934
Ion Ratio Lower Upper
74 100
45 99.8 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.916 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

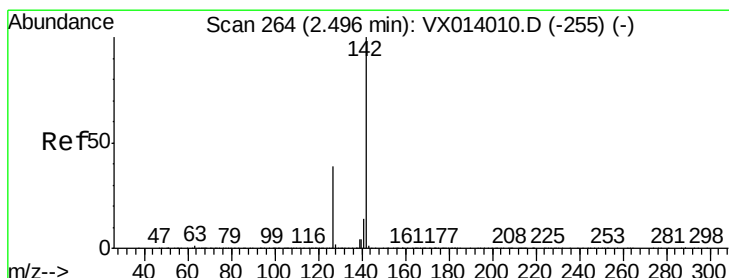
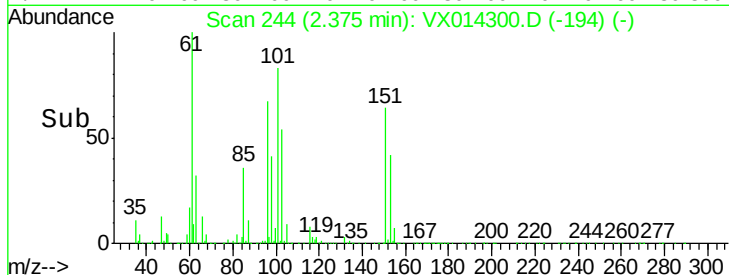
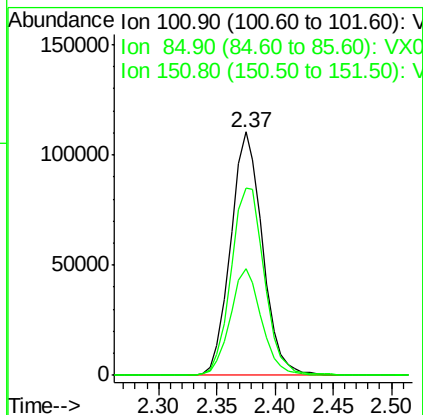
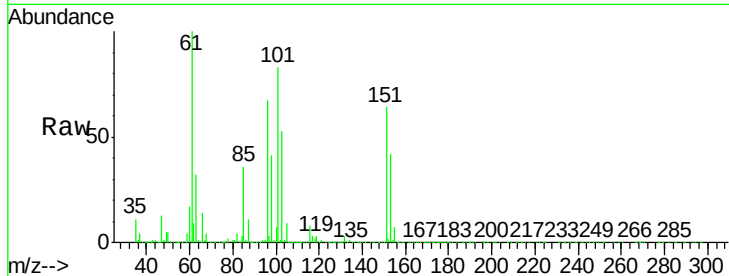
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	210752
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.7	50.5
151	80.5	64.5	96.7



#10

Methyl Iodide

Concen: 48.700 ug/l

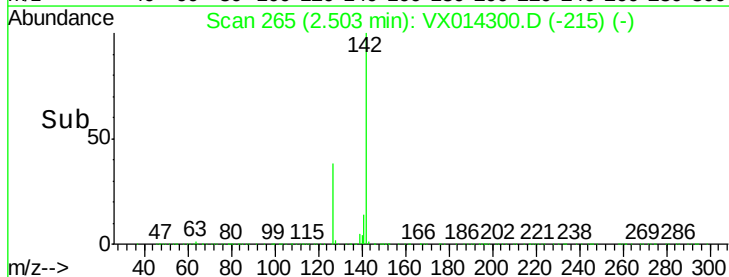
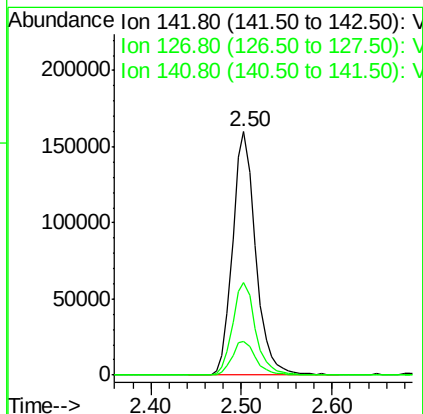
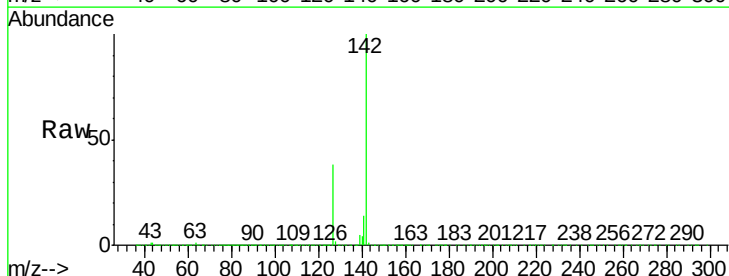
RT: 2.50 min Scan# 265

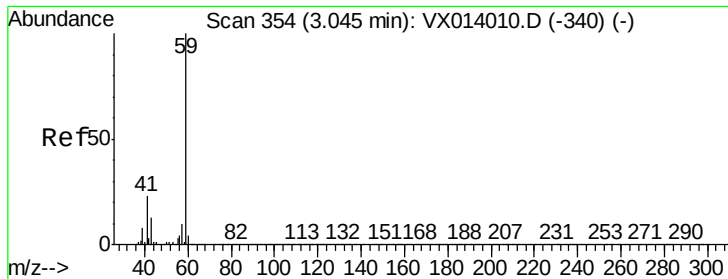
Delta R.T. 0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	142	Resp:	282061
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	14.2	11.6	17.4



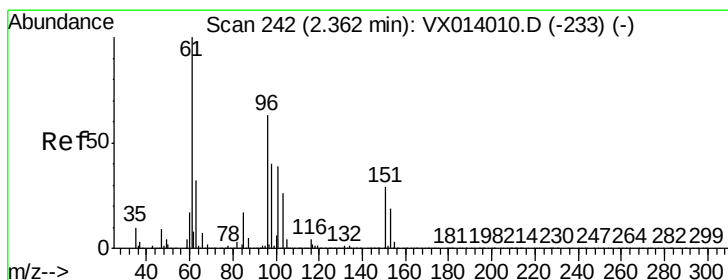
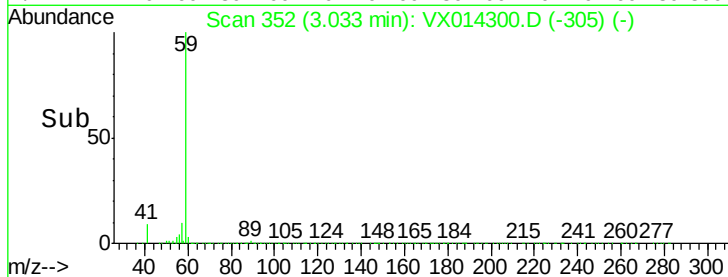
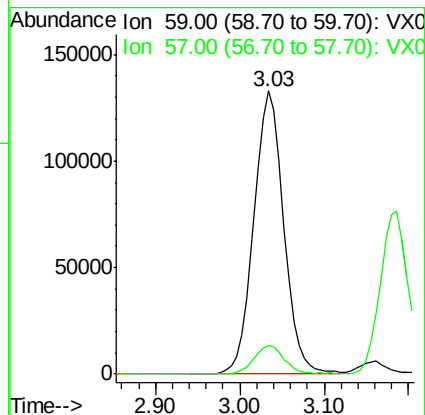
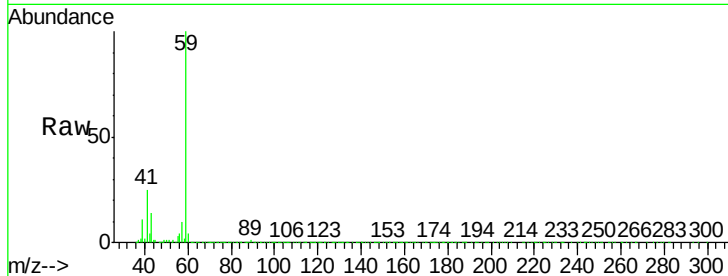


#11

Tert butyl alcohol
 Concen: 280.670 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

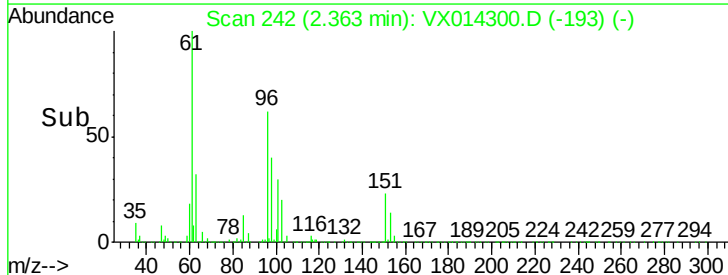
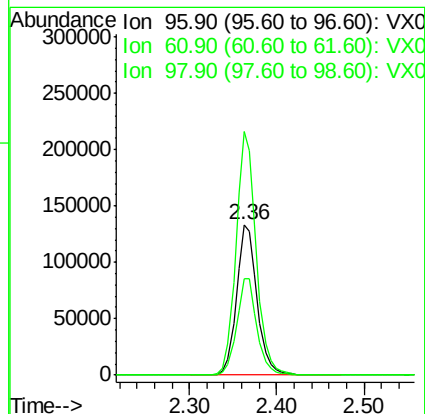
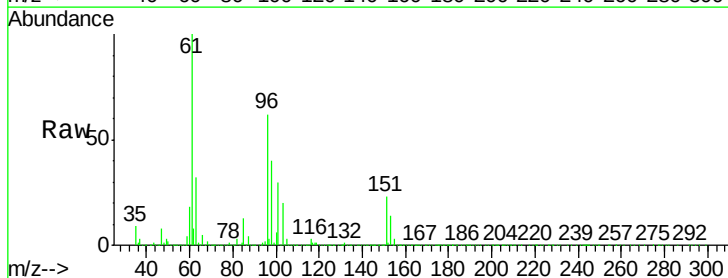
Tgt Ion: 59 Resp: 319801
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

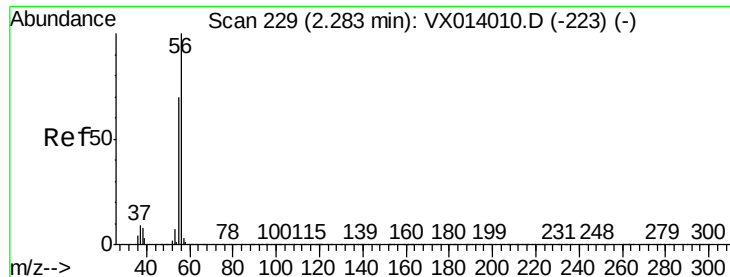


#12

1,1-Dichloroethene
 Concen: 48.622 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion: 96 Resp: 217614
 Ion Ratio Lower Upper
 96 100
 61 161.8 127.9 191.9
 98 64.1 50.5 75.7

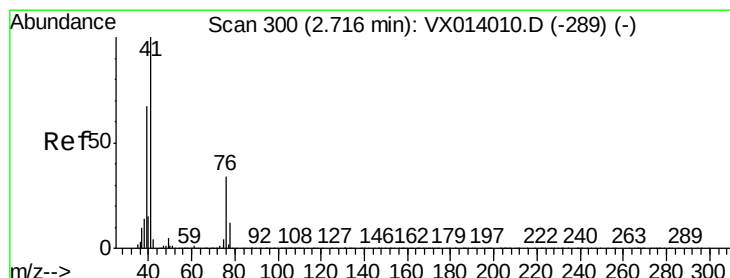
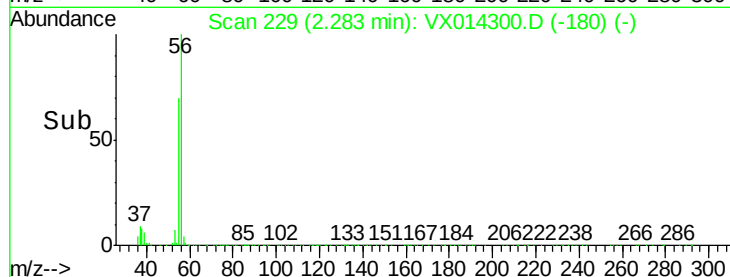
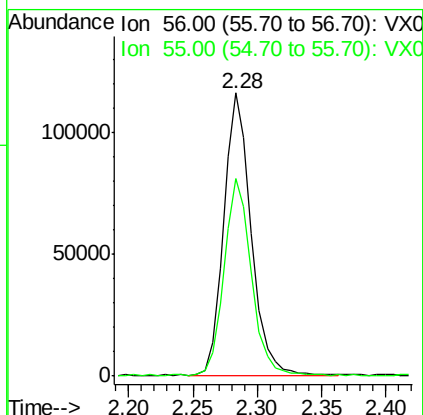
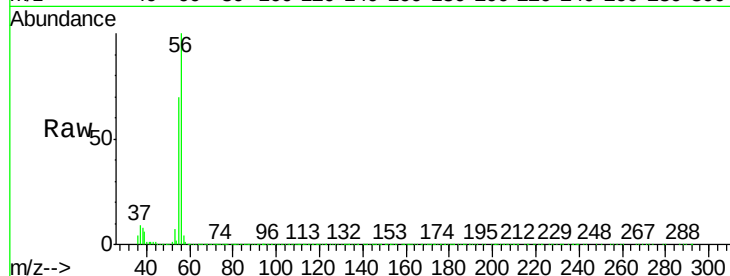




#13
Acrolein
Concen: 265.062 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

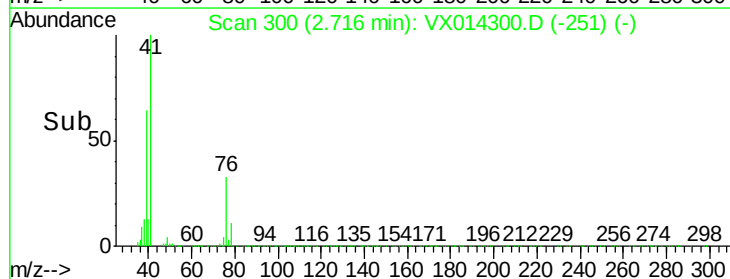
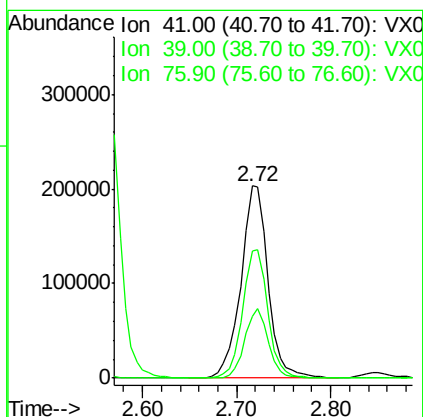
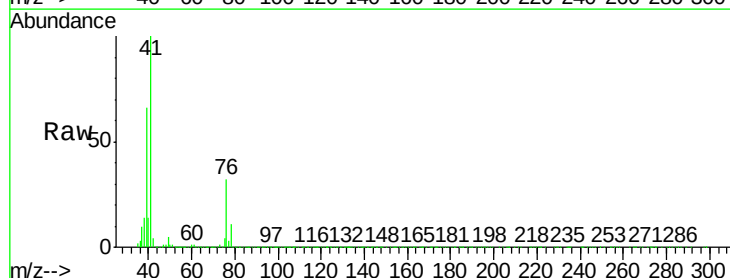
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

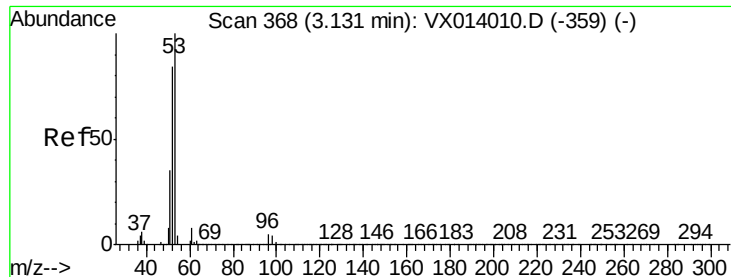
Tgt Ion: 56 Resp: 172884
Ion Ratio Lower Upper
56 100
55 69.5 56.9 85.3



#14
Allyl chloride
Concen: 51.029 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 41 Resp: 407778
Ion Ratio Lower Upper
41 100
39 61.7 51.8 77.8
76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 273.900 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

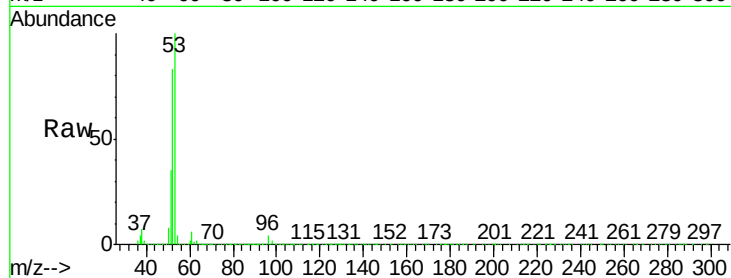
Tgt Ion: 53 Resp: 728435

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

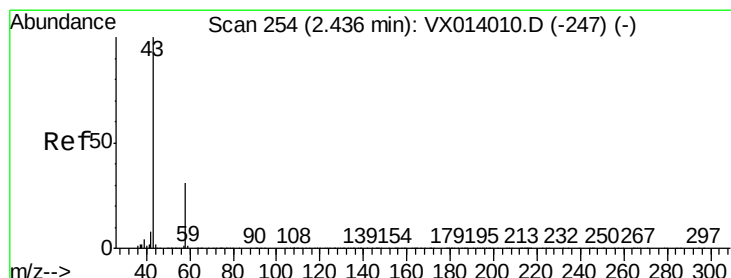
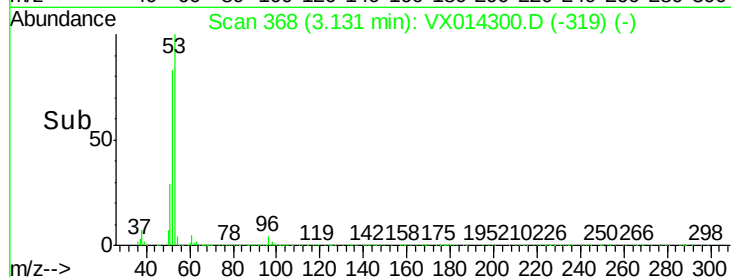
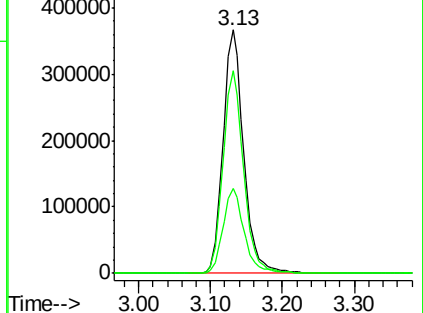
51 35.6 28.1 42.1



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: 182.775 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014300.D

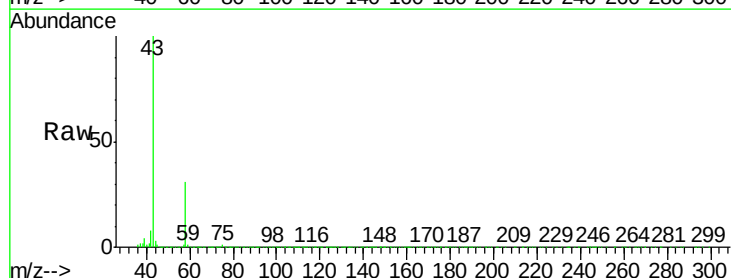
Acq: 27 Dec 2019 04:22

Tgt Ion: 43 Resp: 625720

Ion Ratio Lower Upper

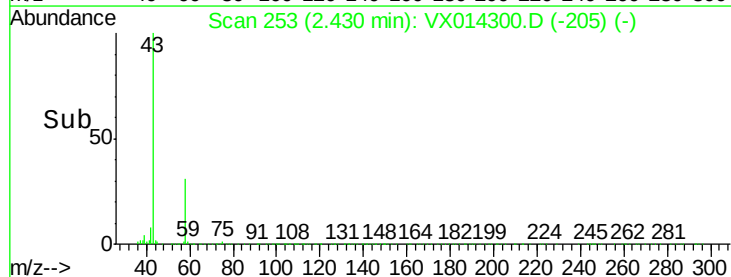
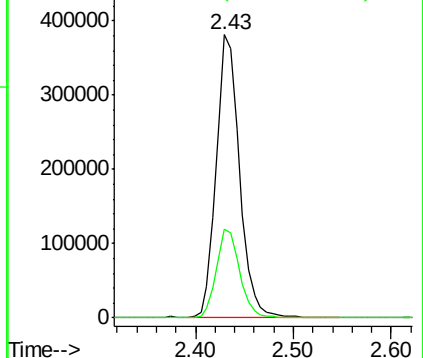
43 100

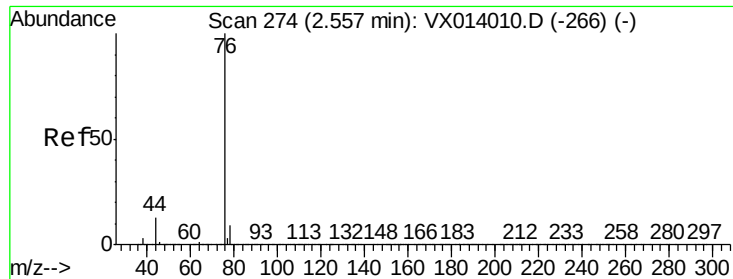
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.799 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

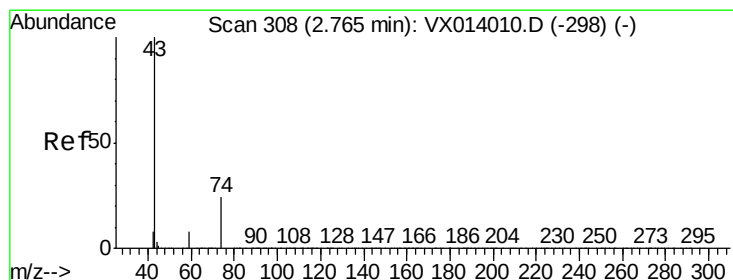
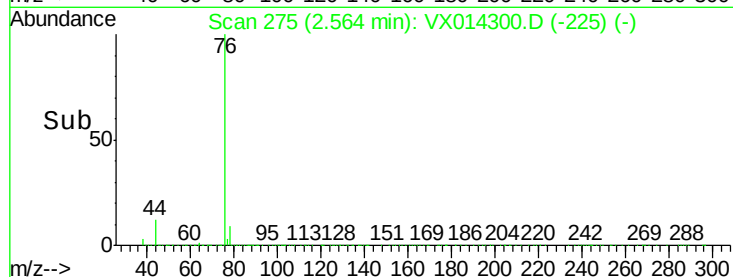
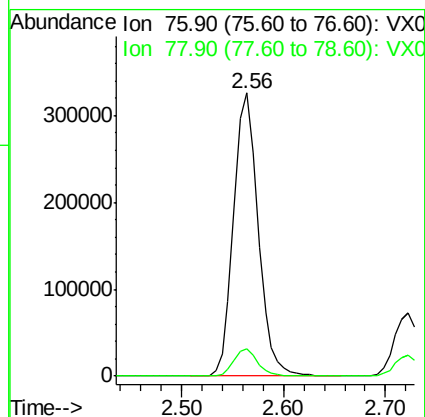
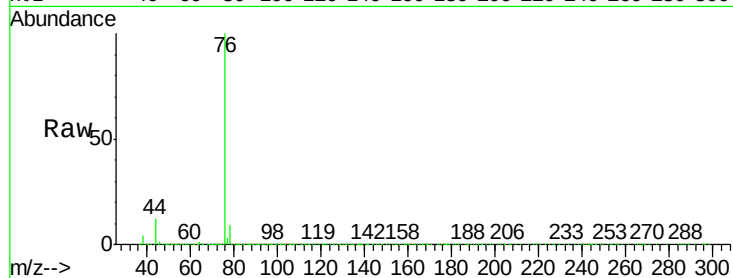
VSTDCCC050EC

Tgt Ion: 76 Resp: 543033

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 56.762 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014300.D

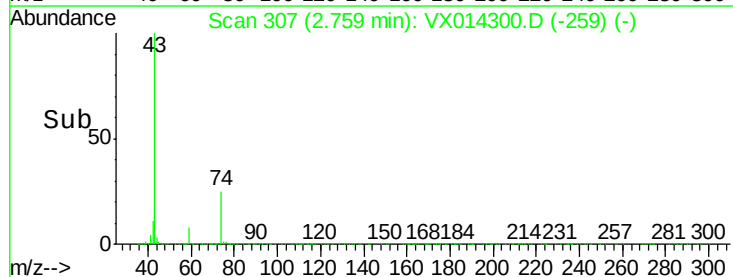
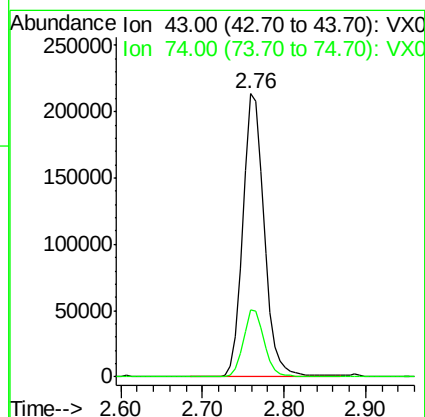
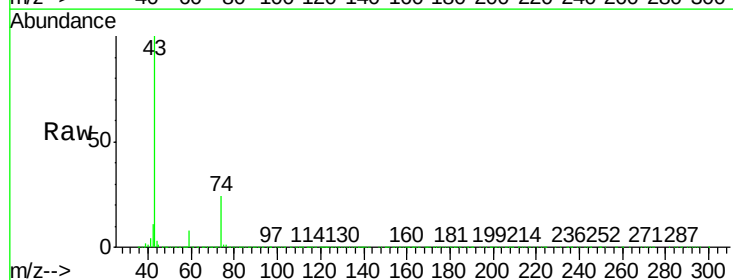
Acq: 27 Dec 2019 04:22

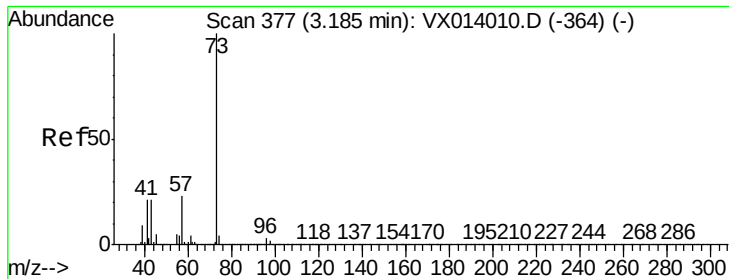
Tgt Ion: 43 Resp: 385054

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3

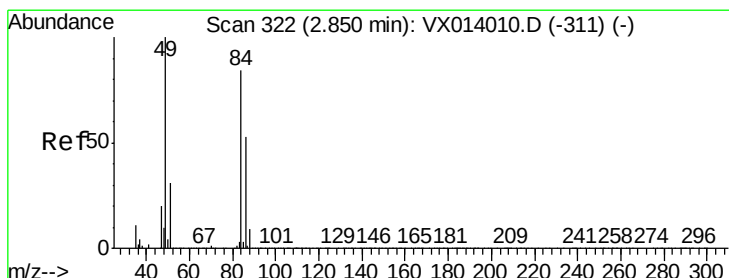
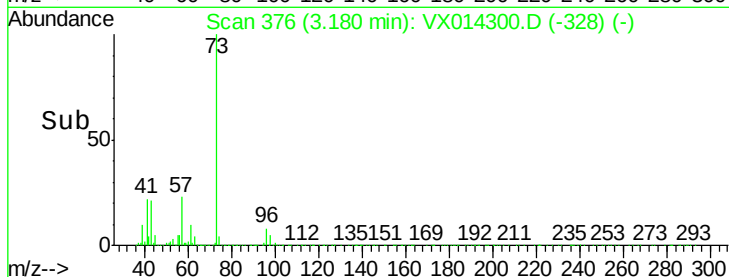
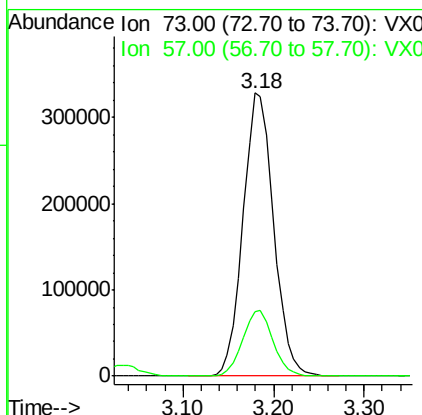
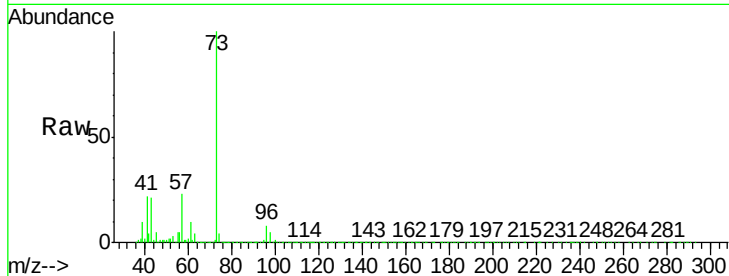




#19
Methyl tert-butyl Ether
Concen: 52.164 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

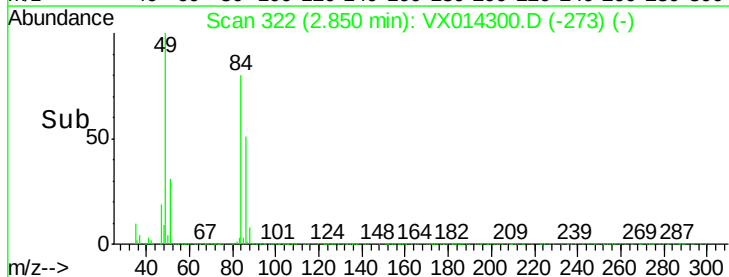
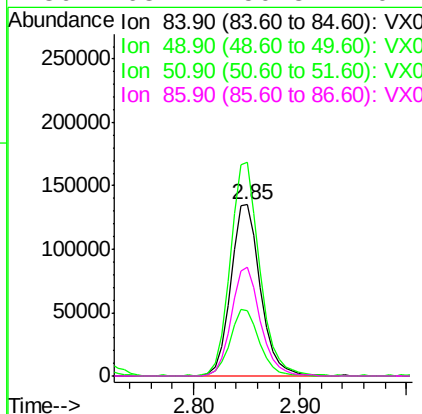
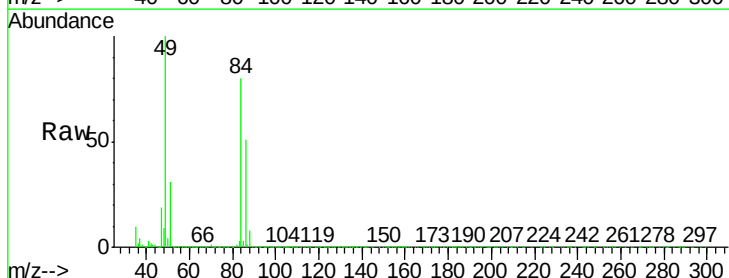
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

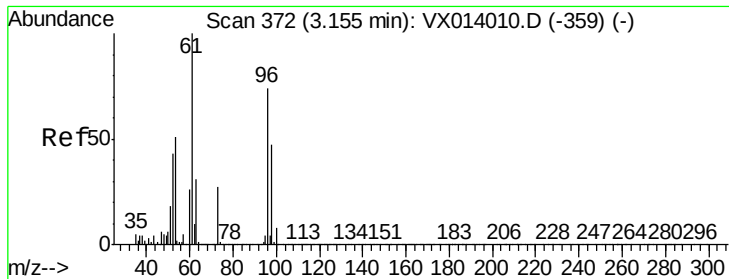
Tgt Ion: 73 Resp: 767176
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2



#20
Methylene Chloride
Concen: 48.891 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 84 Resp: 263572
Ion Ratio Lower Upper
84 100
49 124.3 95.8 143.6
51 37.9 29.8 44.8
86 63.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.249 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

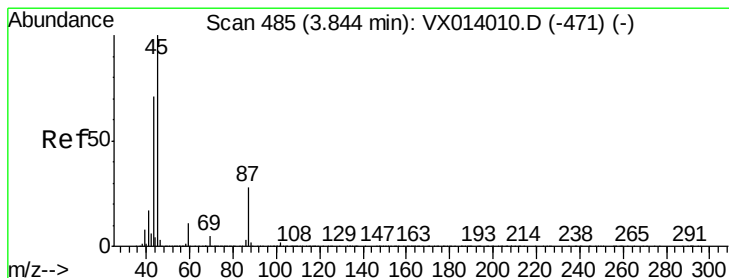
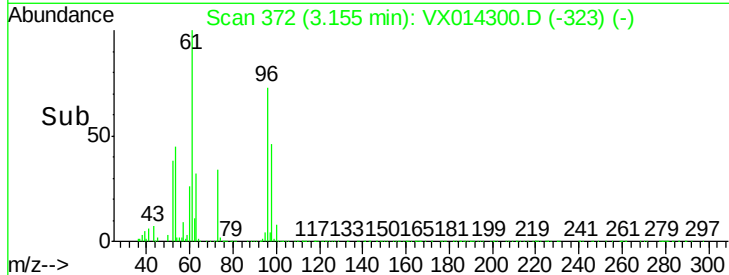
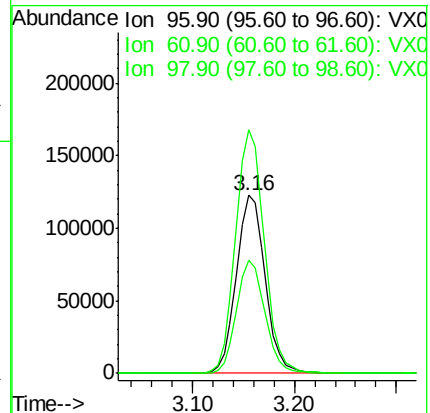
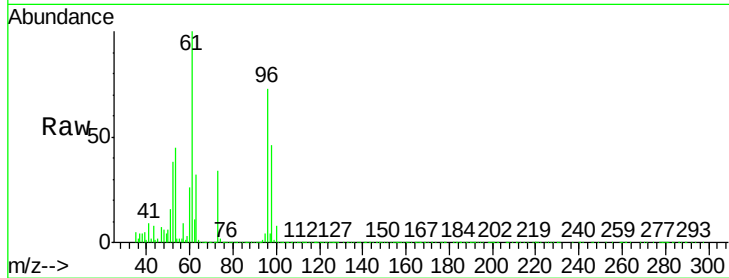
Tgt Ion: 96 Resp: 237904

Ion Ratio Lower Upper

96 100

61 137.0 108.3 162.5

98 63.5 50.8 76.2



#22

Diisopropyl ether

Concen: 53.821 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion: 45 Resp: 857050

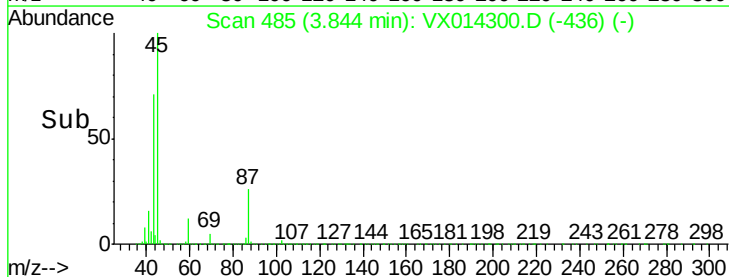
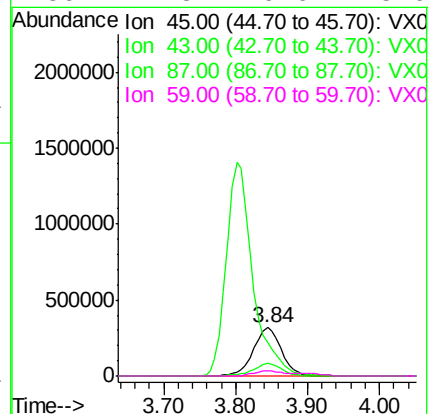
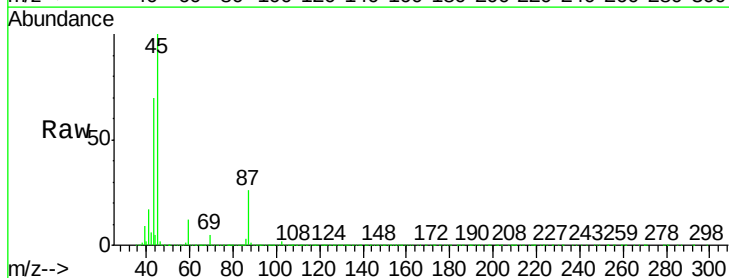
Ion Ratio Lower Upper

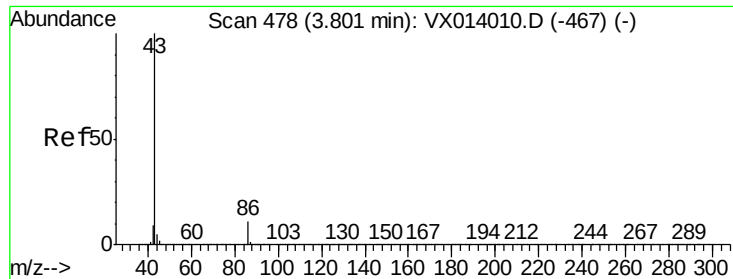
45 100

43 70.4 57.4 86.0

87 26.5 21.9 32.9

59 11.8 9.0 13.6





#23

Vinyl Acetate

Concen: 279.345 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

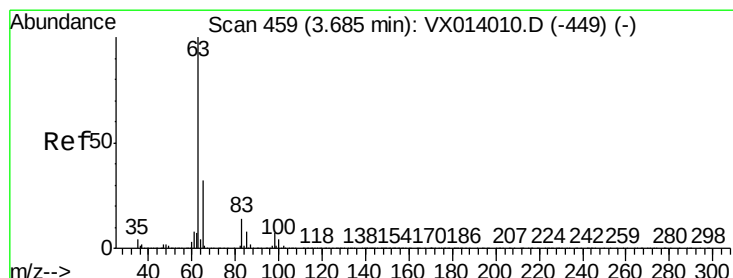
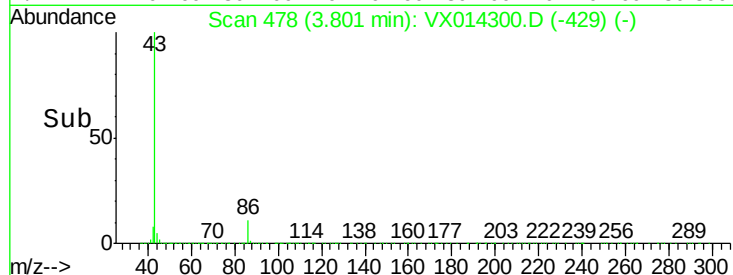
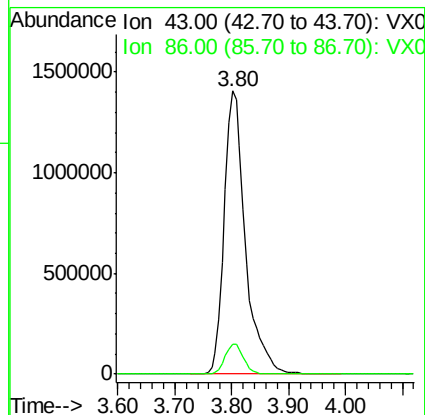
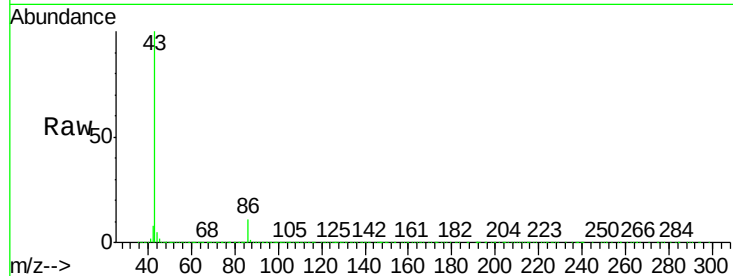
VSTDCCC050EC

Tgt Ion: 43 Resp: 3630115

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 50.747 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

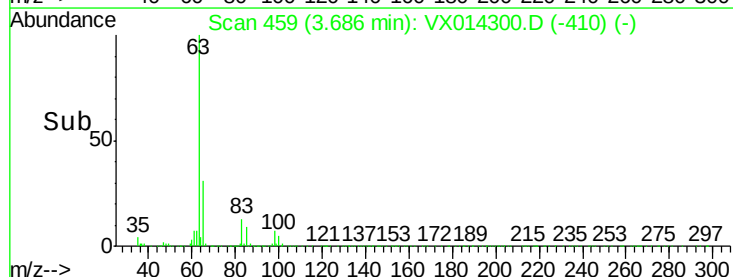
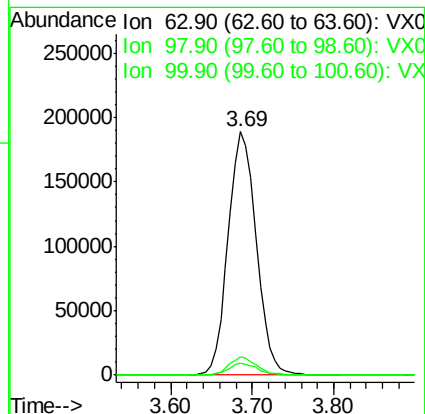
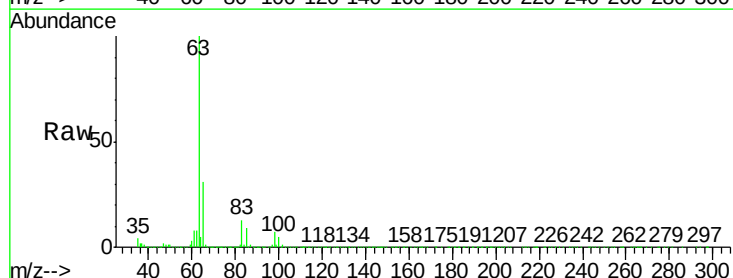
Tgt Ion: 63 Resp: 449596

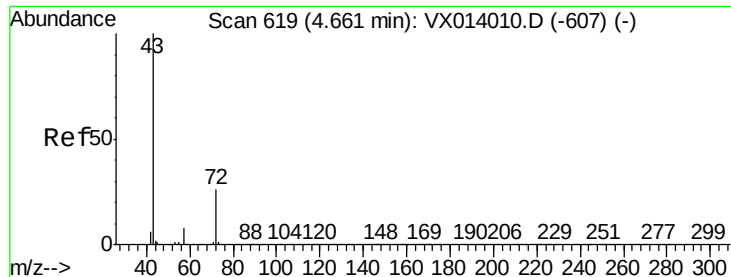
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 244.260 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

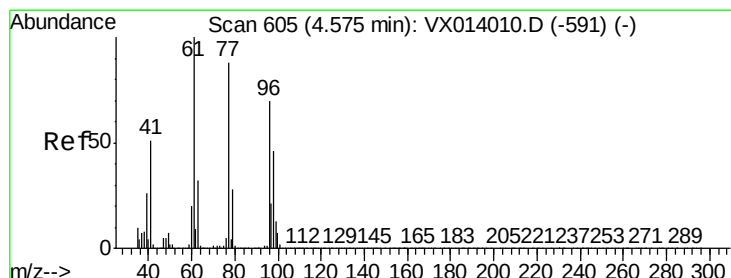
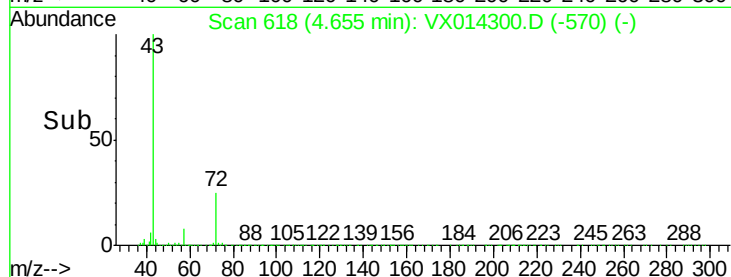
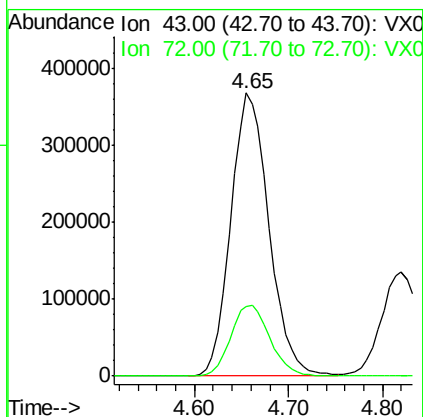
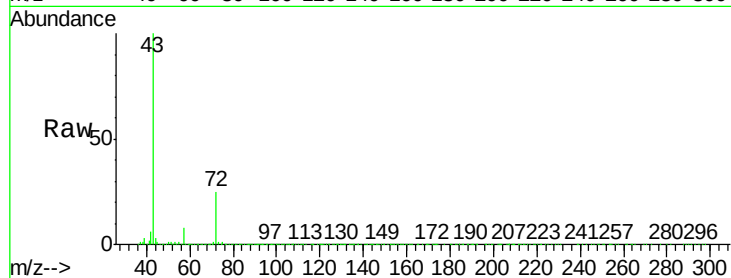
VSTDCCC050EC

Tgt Ion: 43 Resp: 1030949

Ion Ratio Lower Upper

43 100

72 24.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 36.254 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014300.D

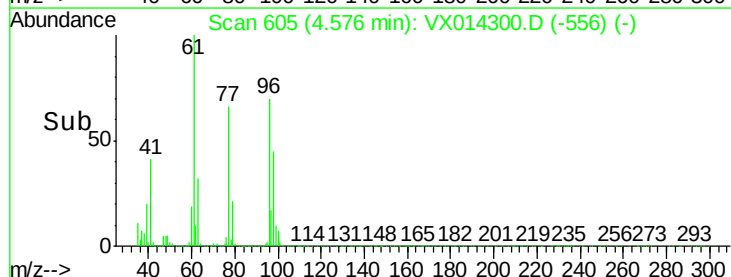
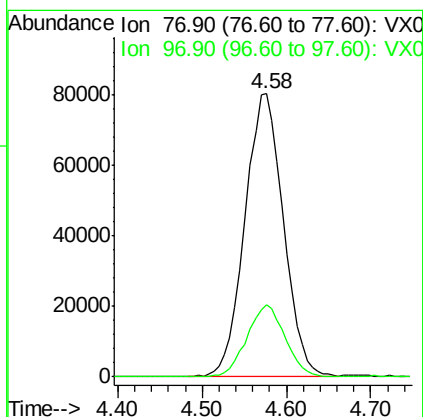
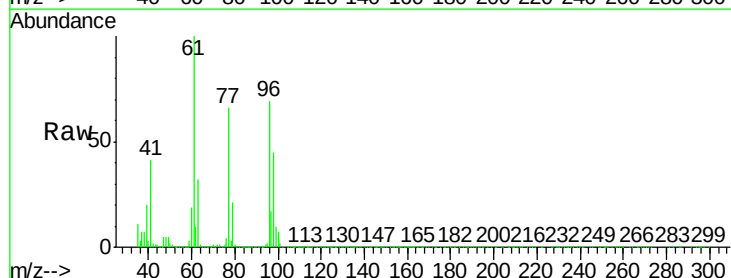
Acq: 27 Dec 2019 04:22

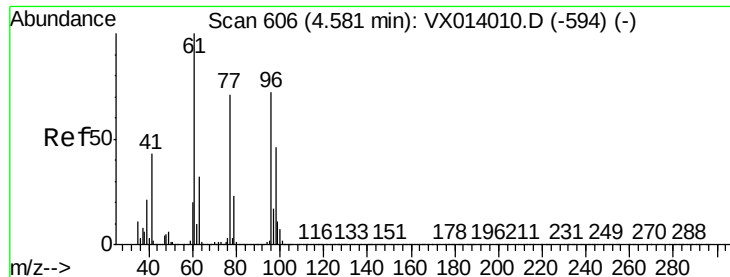
Tgt Ion: 77 Resp: 249383

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.9



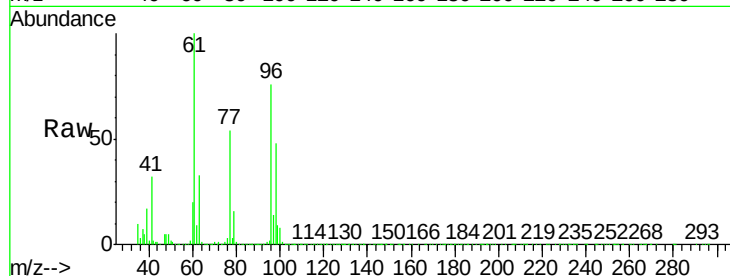


#27

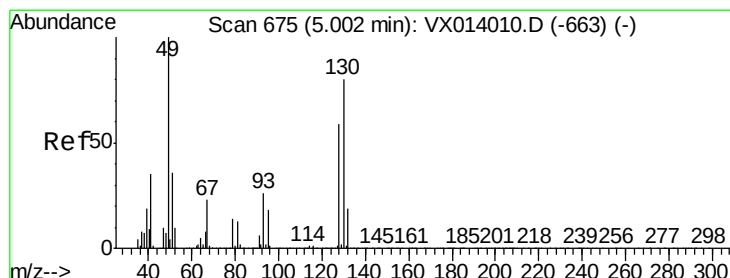
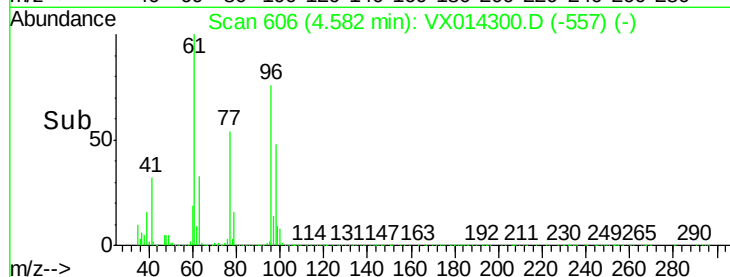
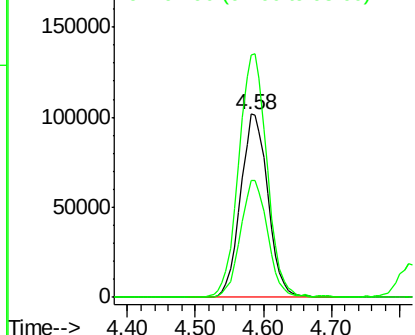
cis-1,2-Dichloroethene
Concen: 51.233 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 285698
Ion Ratio Lower Upper
96 100
61 136.8 0.0 288.4
98 63.0 0.0 129.6



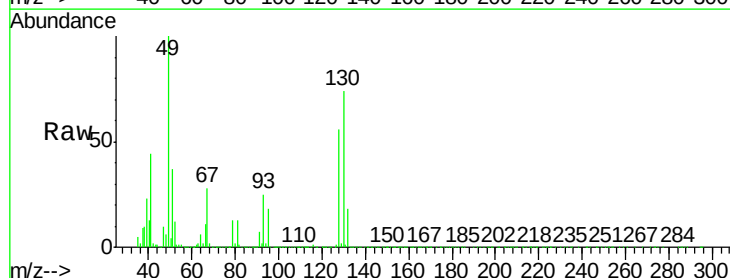
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



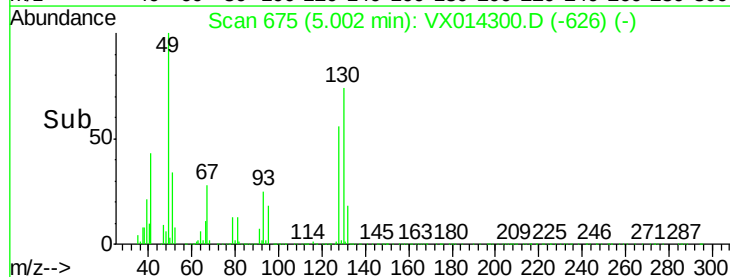
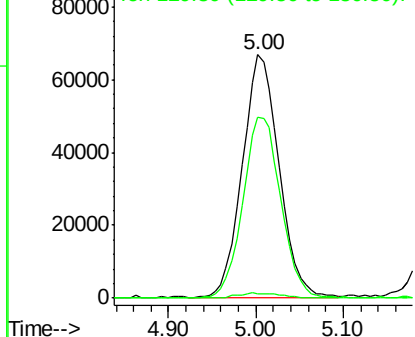
#28

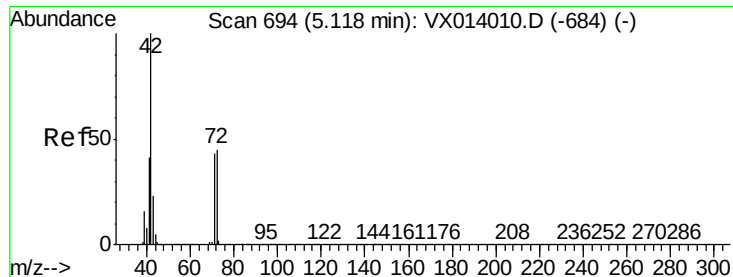
Bromochloromethane
Concen: 57.065 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 49 Resp: 194655
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 77.4 64.6 97.0



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





#29

Tetrahydrofuran

Concen: 285.891 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

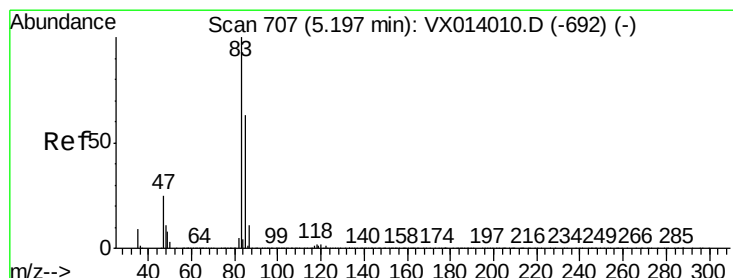
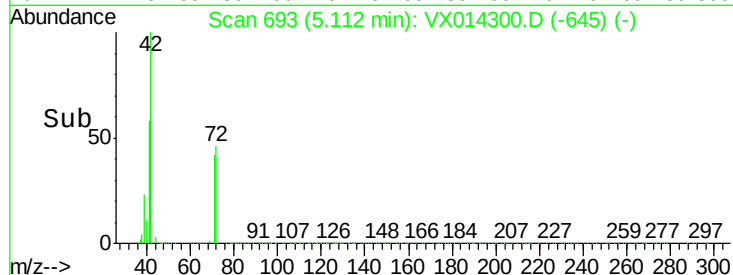
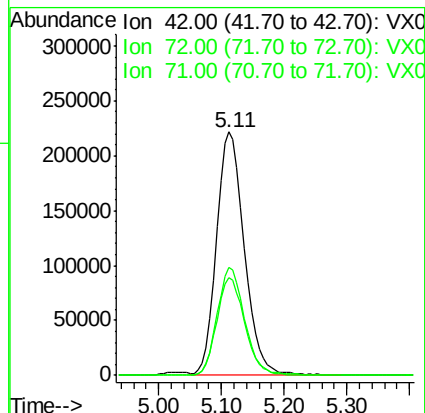
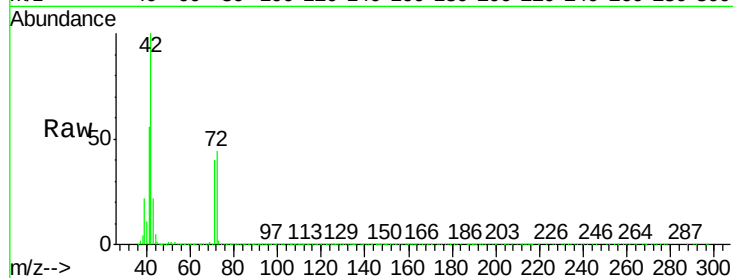
Tgt Ion: 42 Resp: 674917

Ion Ratio Lower Upper

42 100

72 44.2 35.8 53.8

71 40.5 33.6 50.4



#30

Chloroform

Concen: 51.769 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014300.D

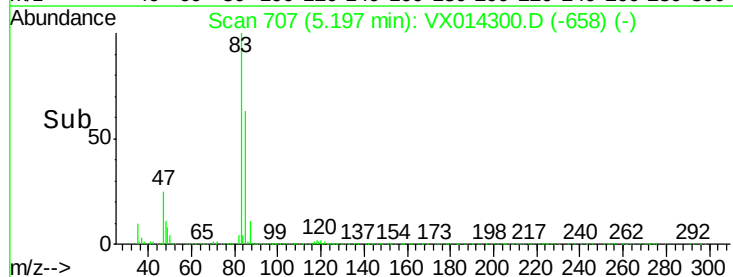
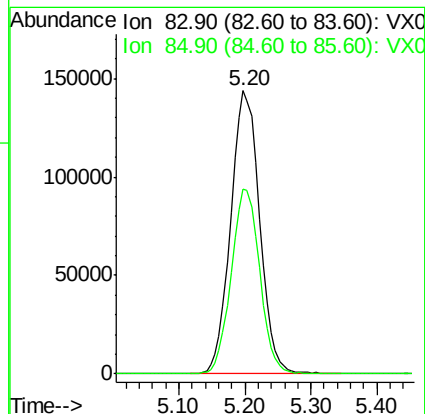
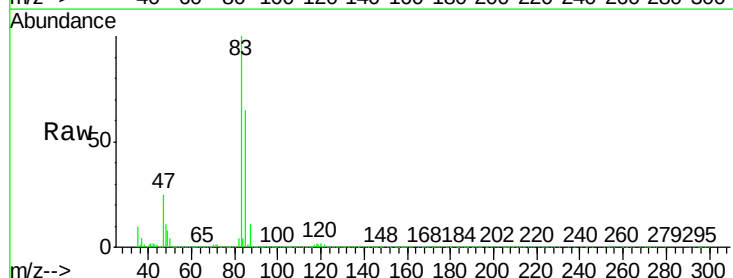
Acq: 27 Dec 2019 04:22

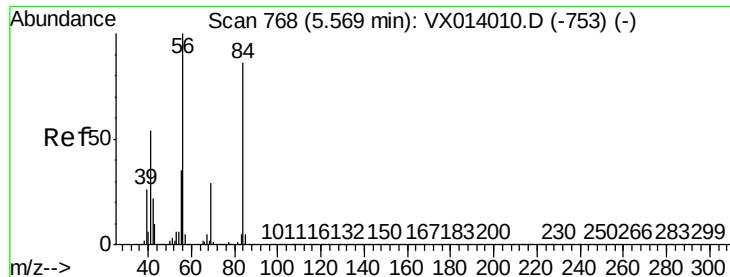
Tgt Ion: 83 Resp: 434790

Ion Ratio Lower Upper

83 100

85 65.2 50.8 76.2

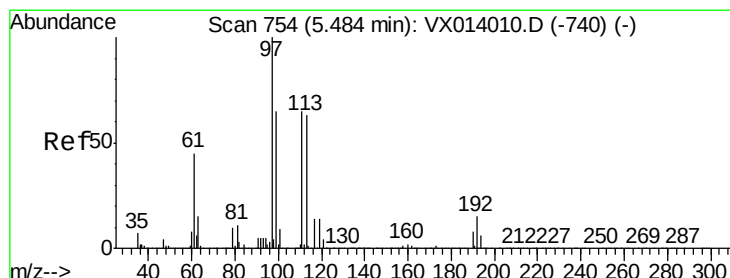
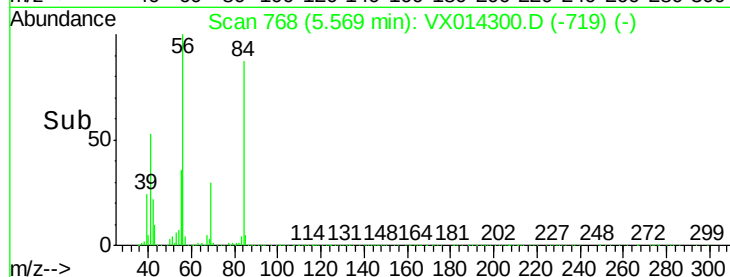
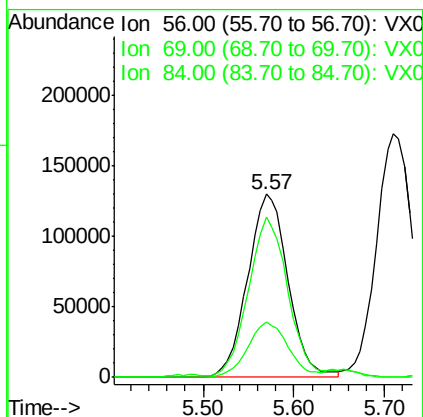
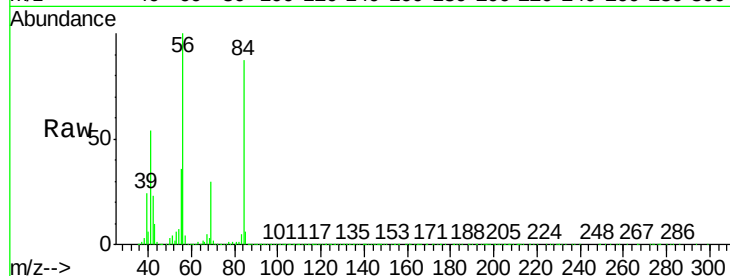




#31
Cyclohexane
Concen: 50.508 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

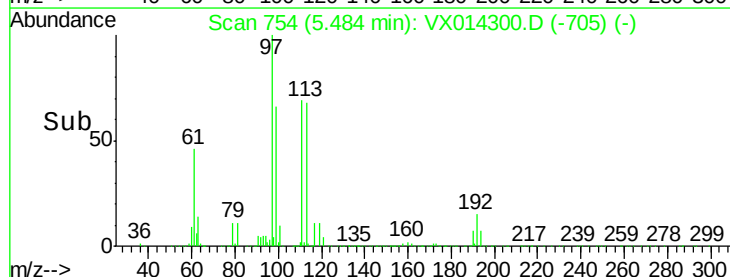
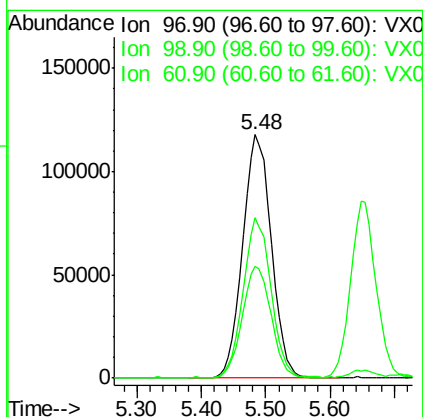
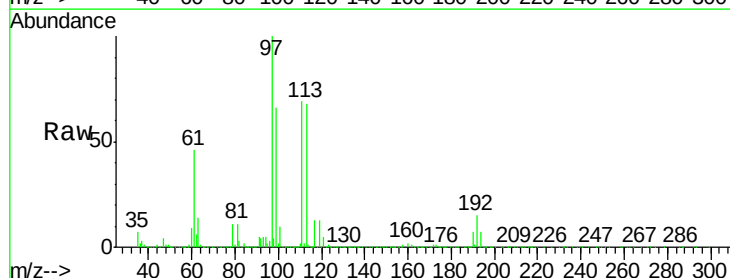
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

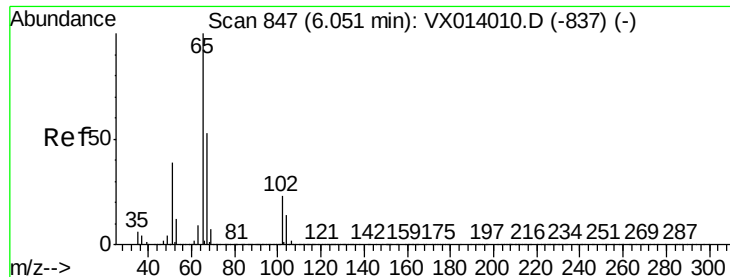
Tgt Ion: 56 Resp: 397992
Ion Ratio Lower Upper
56 100
69 30.0 23.2 34.8
84 86.0 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 50.062 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 97 Resp: 358341
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 46.1 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 51.728 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

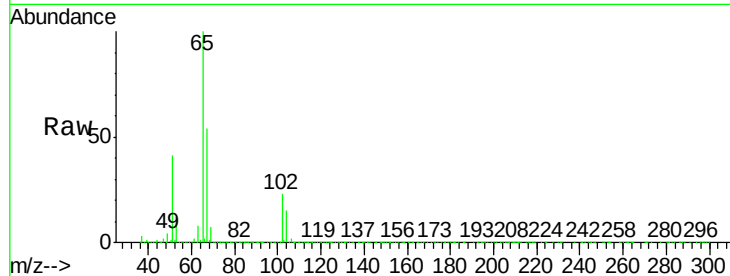
VSTDCCC050EC

Tgt Ion: 65 Resp: 272771

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

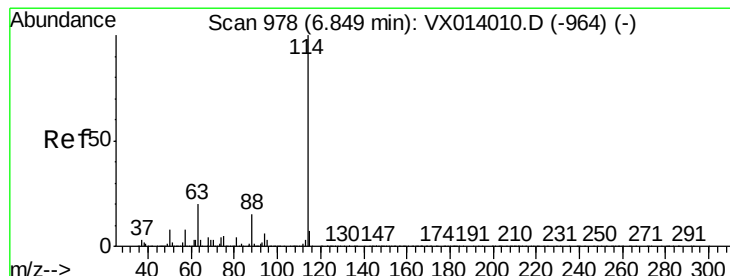
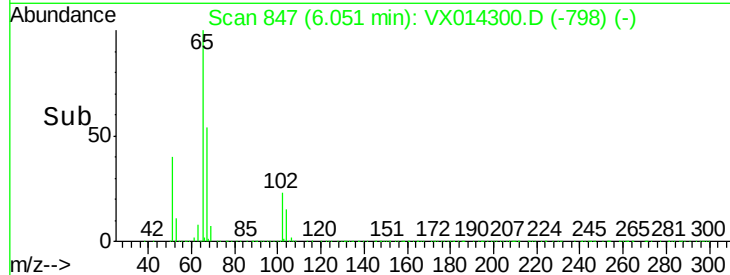
60000

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: VX014300.D

Acq: 27 Dec 2019 04:22

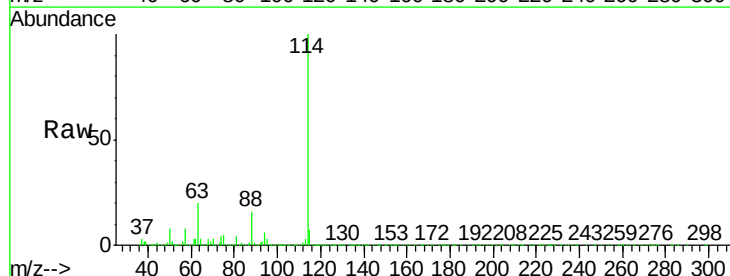
Tgt Ion: 114 Resp: 748061

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.6 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

6.85

400000

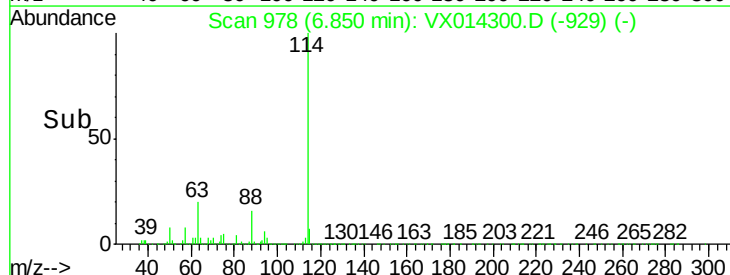
300000

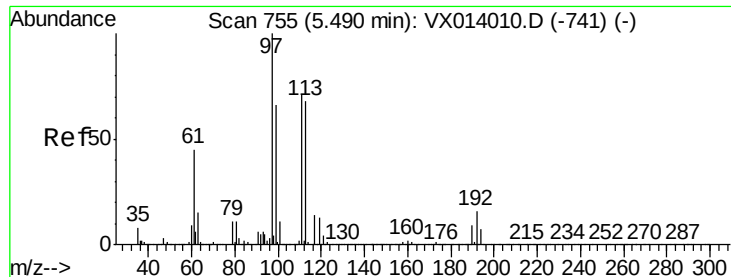
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

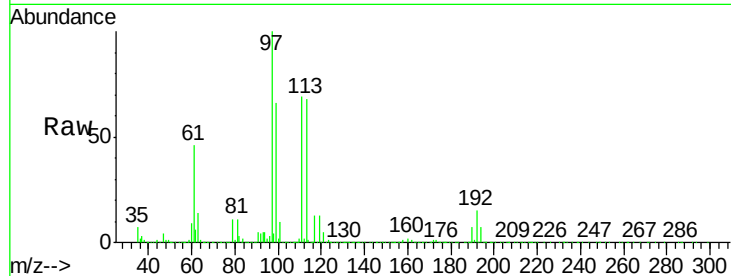
Tgt Ion:113 Resp: 227442

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

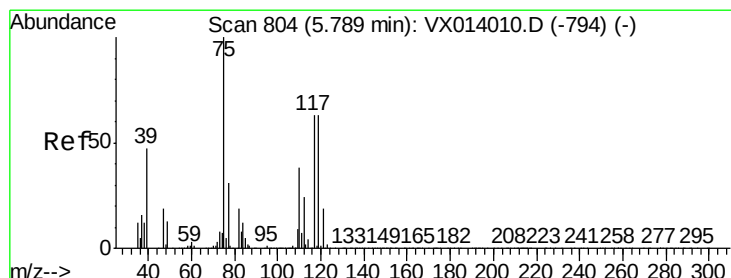
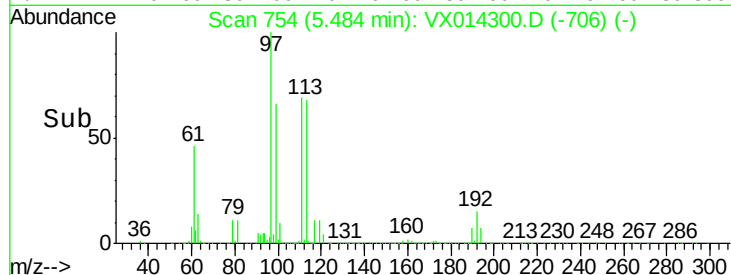
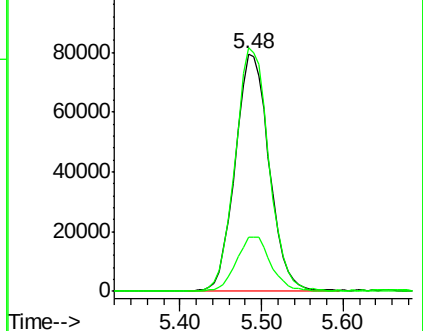
192 23.6 19.3 28.9



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: 47.199 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

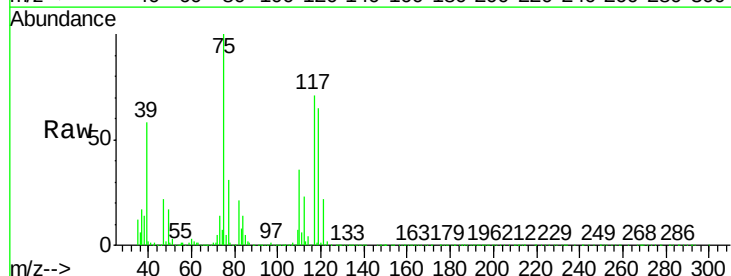
Tgt Ion: 75 Resp: 323966

Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.9

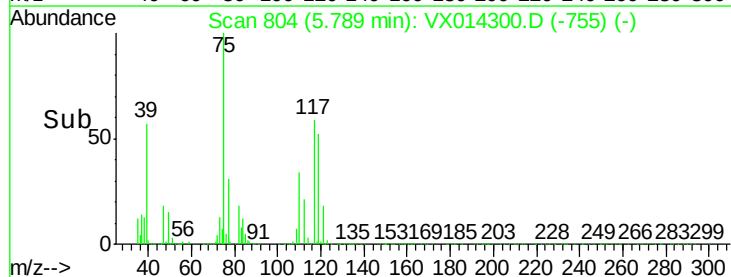
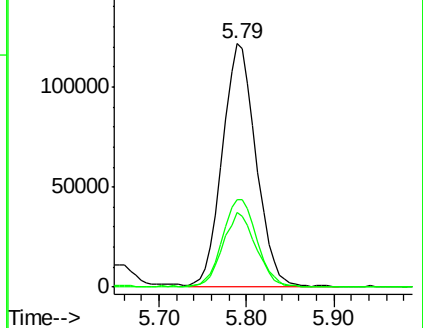
77 30.1 24.8 37.2

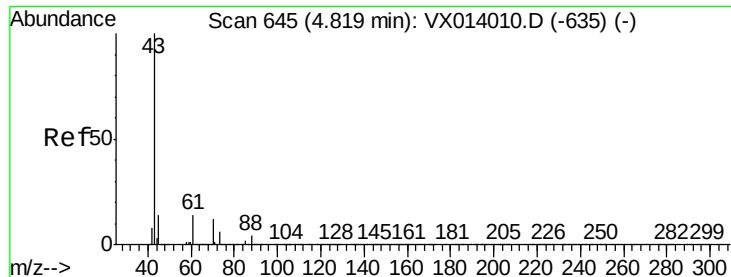


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

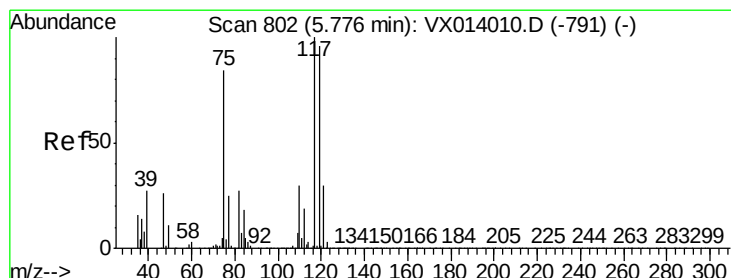
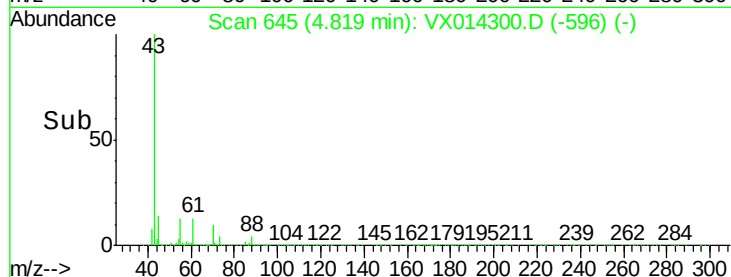
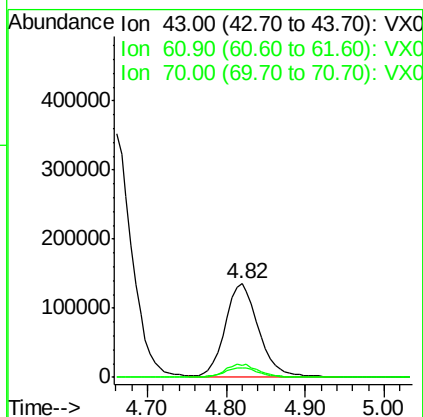
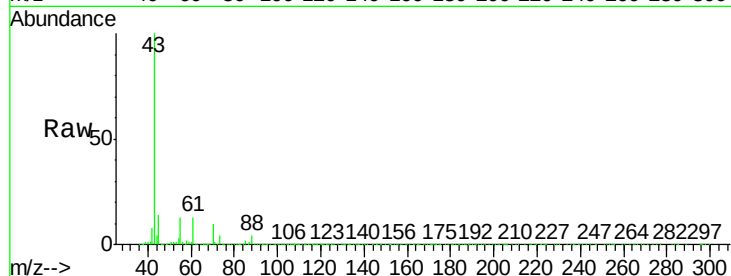




#37
Ethyl Acetate
Concen: 52.265 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

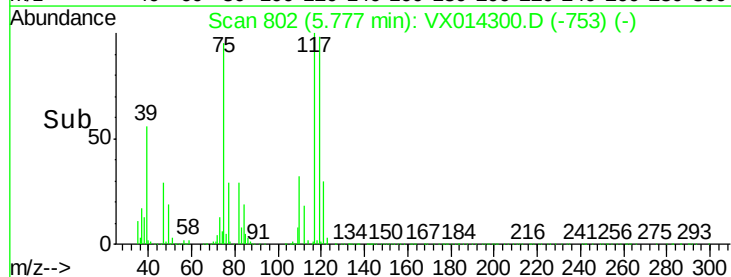
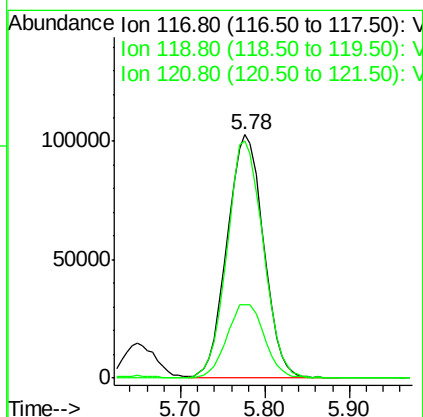
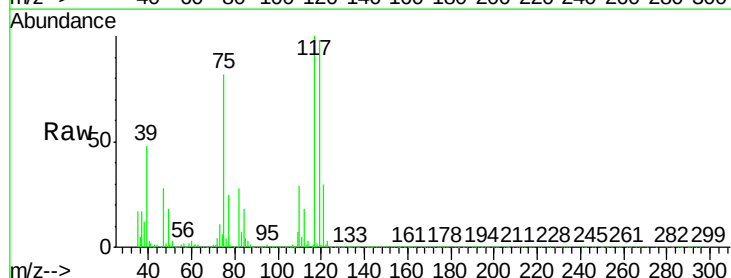
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

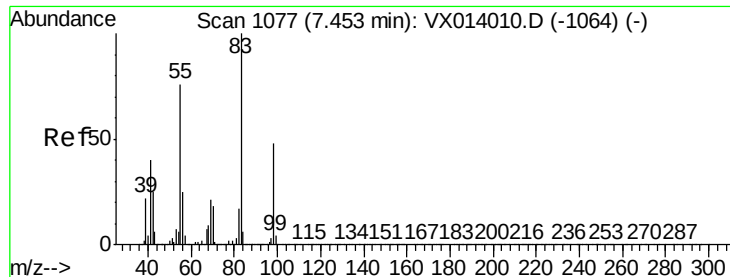
Tgt Ion: 43 Resp: 396153
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.130 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 117 Resp: 300956
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
121 30.2 23.6 35.4

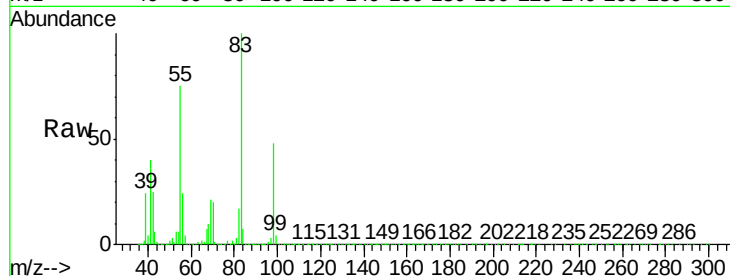




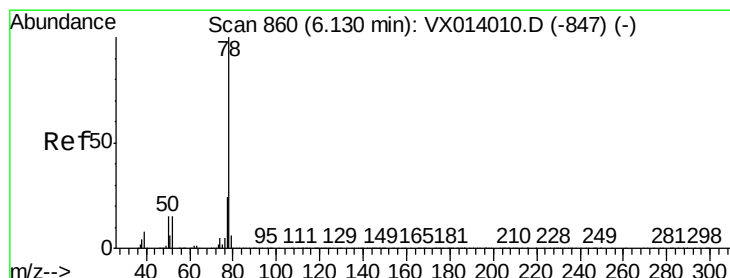
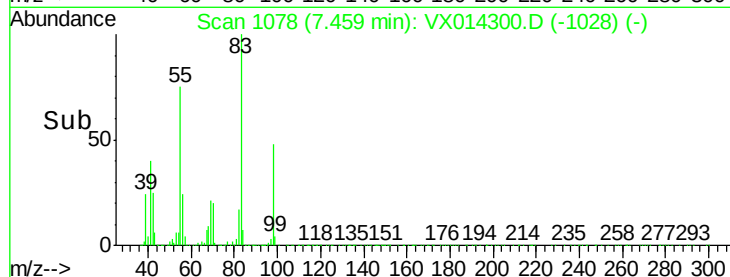
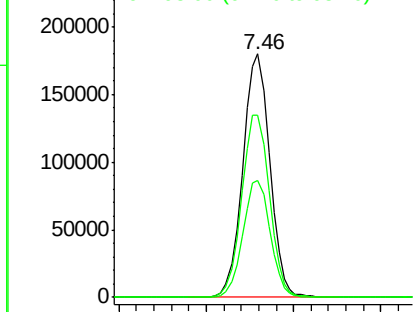
#39
Methylcyclohexane
Concen: 45.372 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 384542
Ion Ratio Lower Upper
83 100
55 75.0 61.0 91.6
98 47.8 38.6 57.8

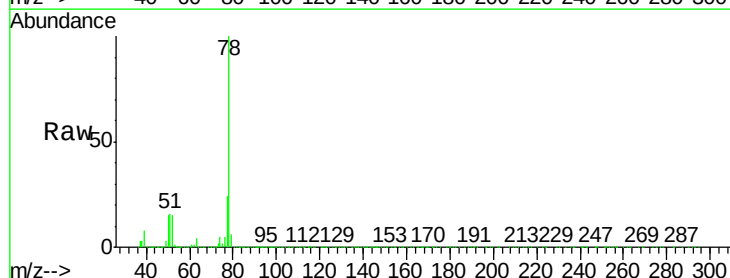


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

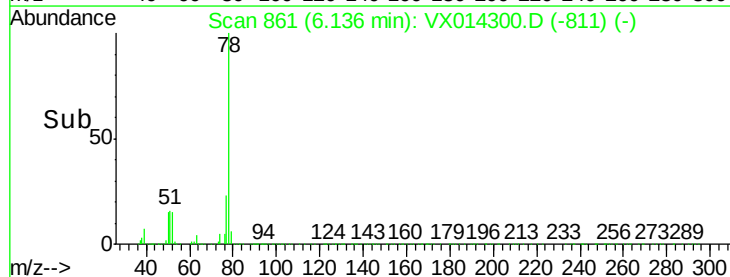
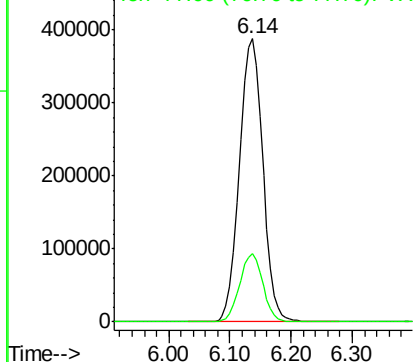


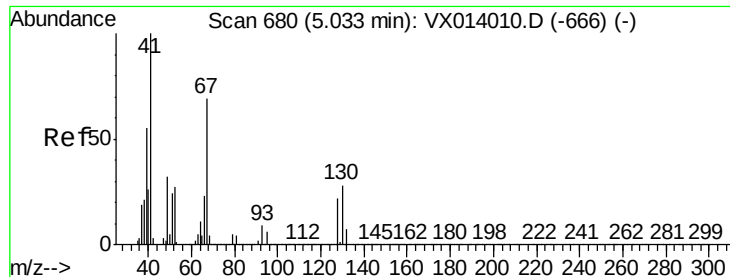
#40
Benzene
Concen: 48.562 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 78 Resp: 1025596
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



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

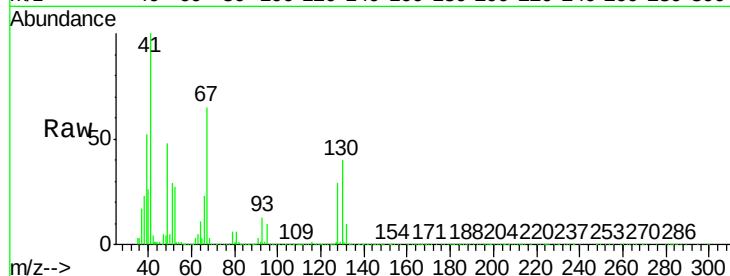




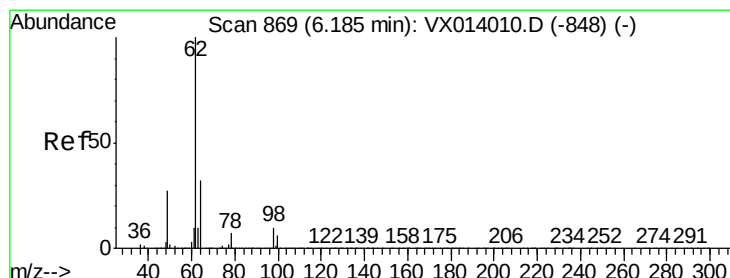
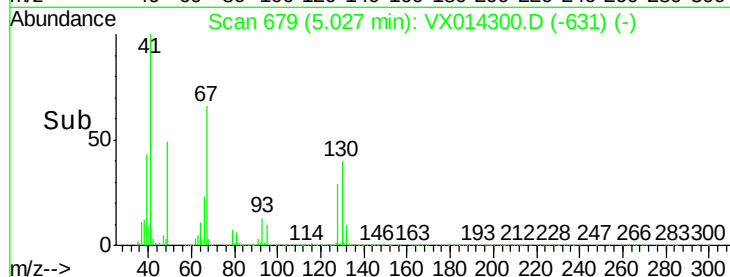
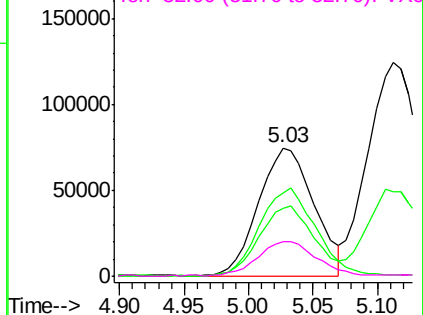
#41
Methacrylonitrile
Concen: 52.920 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	222561
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	69.4	57.4	86.0
52	27.9	23.0	34.4

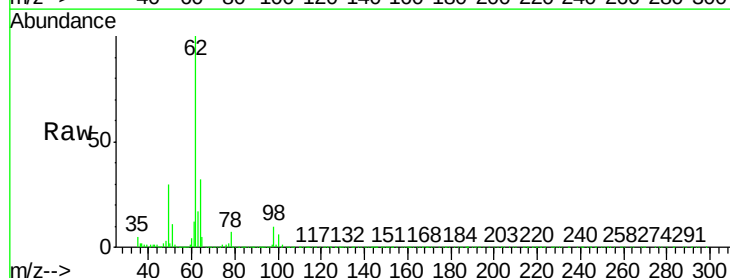


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

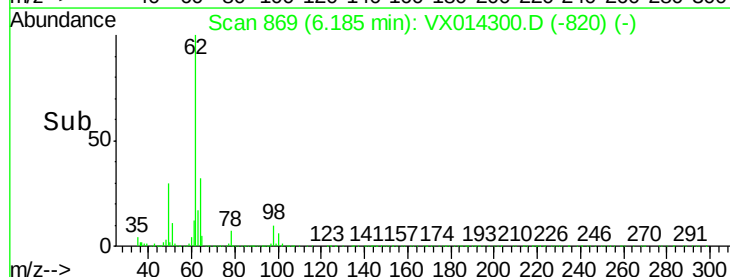
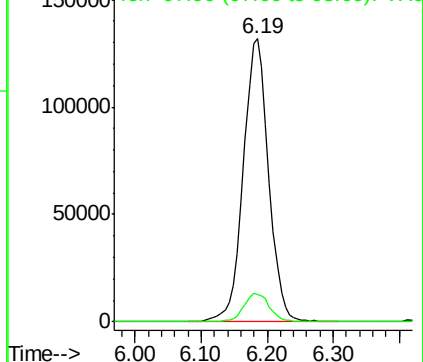


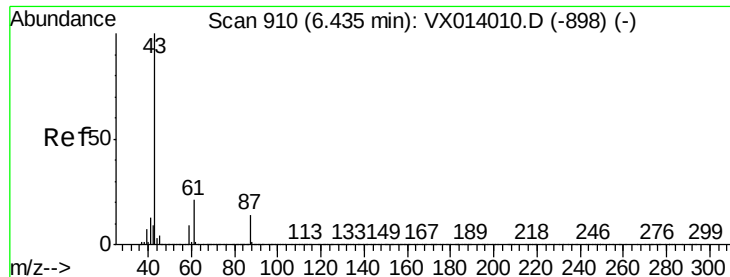
#42
1,2-Dichloroethane
Concen: 48.577 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion:	62	Resp:	347762
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.667 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

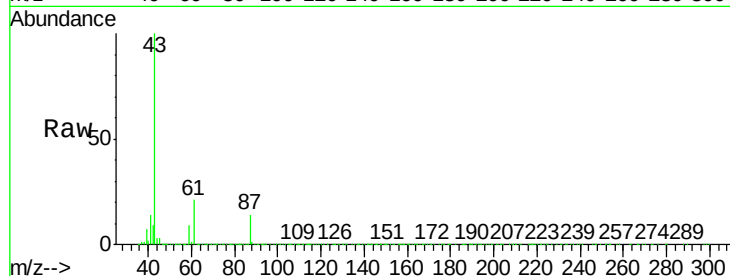
Tgt Ion: 43 Resp: 648105

Ion Ratio Lower Upper

43 100

61 20.7 16.4 24.6

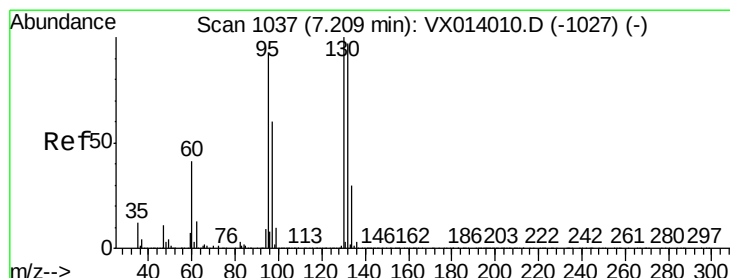
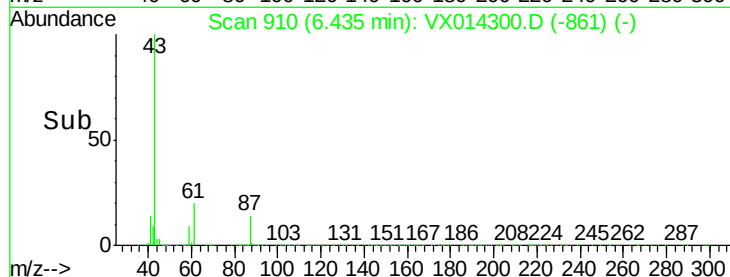
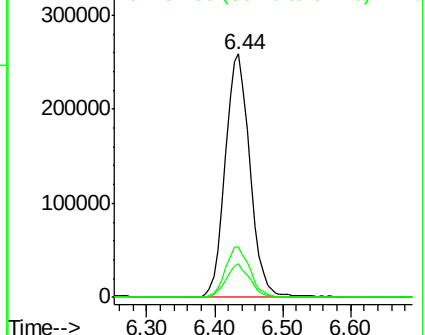
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.889 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014300.D

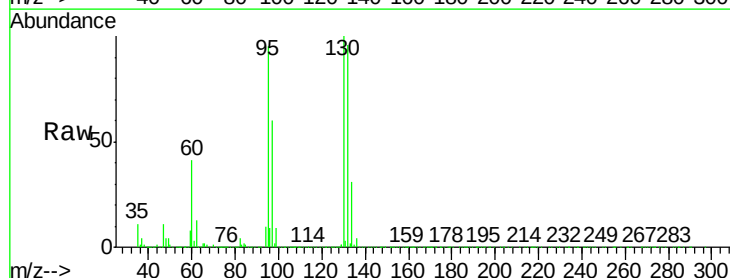
Acq: 27 Dec 2019 04:22

Tgt Ion: 130 Resp: 273520

Ion Ratio Lower Upper

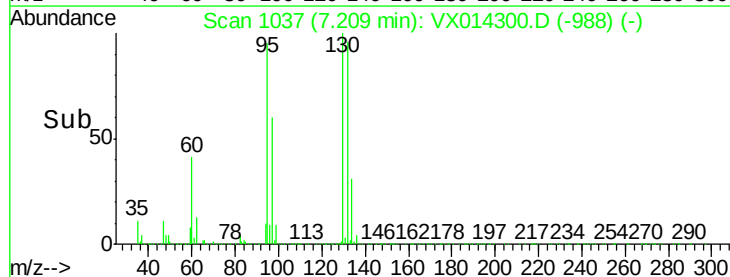
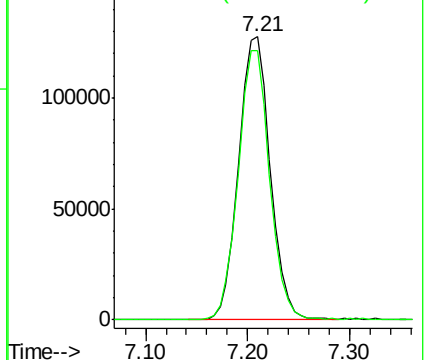
130 100

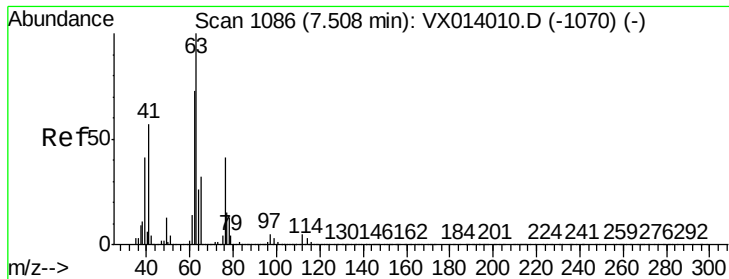
95 95.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

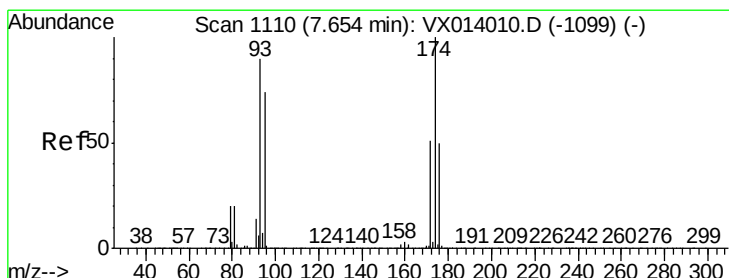
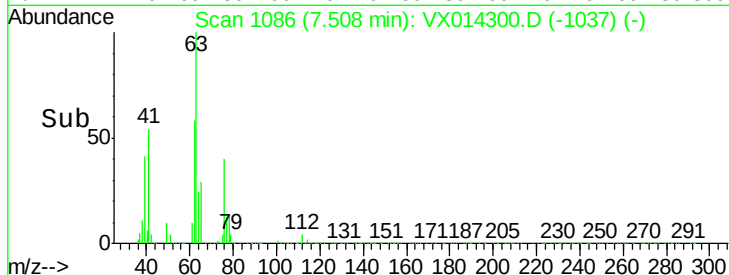
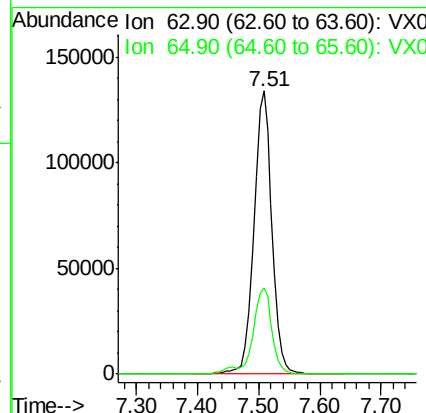
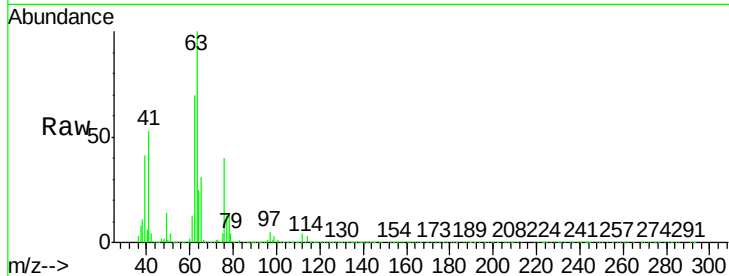




#45
 1,2-Dichloropropane
 Concen: 50.854 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

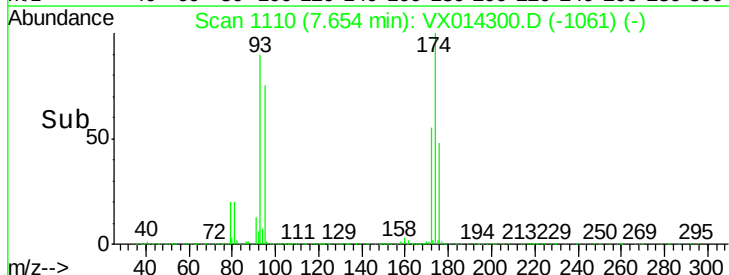
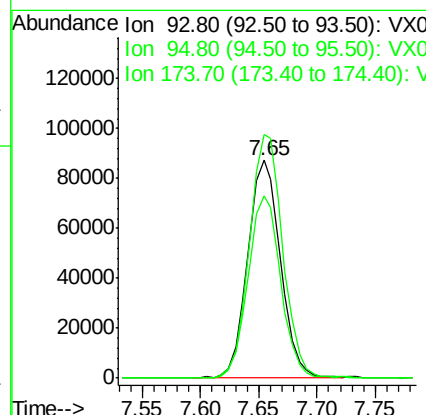
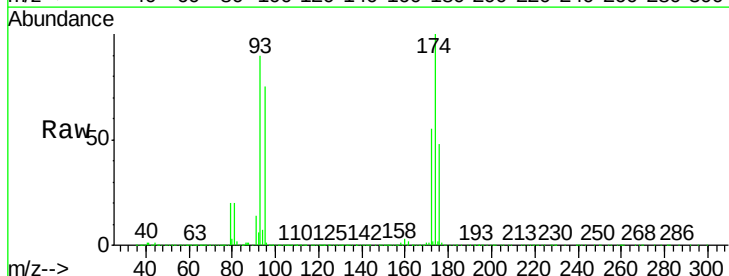
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

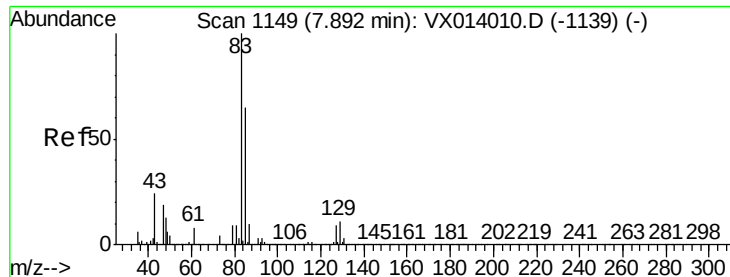
Tgt Ion: 63 Resp: 275277
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.8 38.8



#46
 Dibromomethane
 Concen: 47.866 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion: 93 Resp: 171307
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.3 100.9
 174 113.6 91.6 137.4





#47

Bromodichloromethane

Concen: 50.100 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

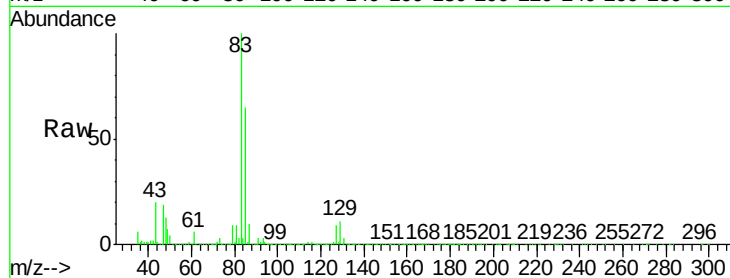
Tgt Ion: 83 Resp: 337684

Ion Ratio Lower Upper

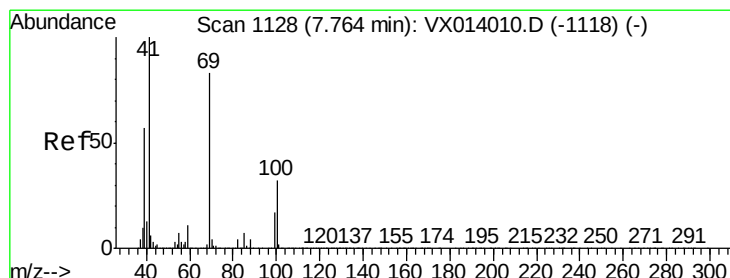
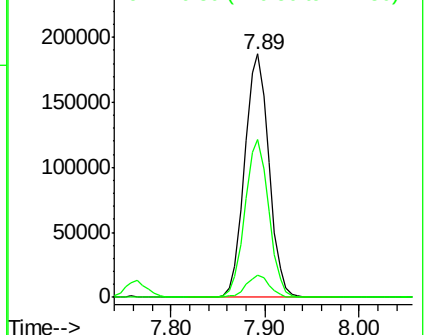
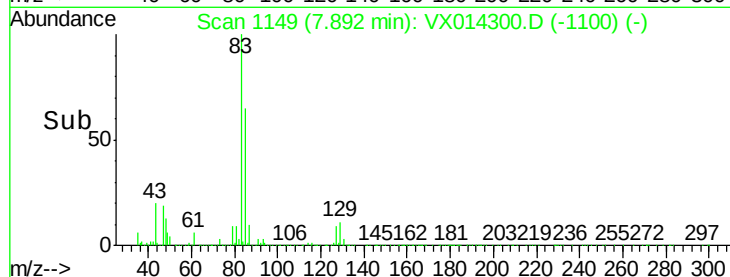
83 100

85 65.0 51.8 77.8

127 8.9 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: 51.957 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

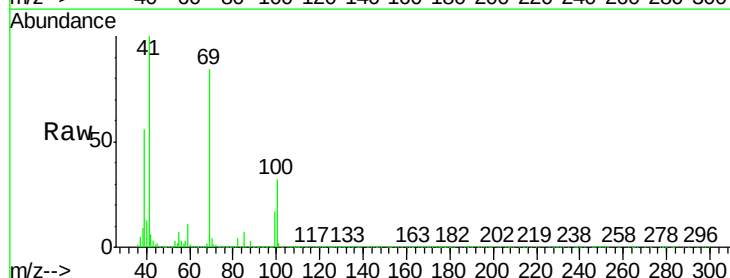
Tgt Ion: 41 Resp: 319143

Ion Ratio Lower Upper

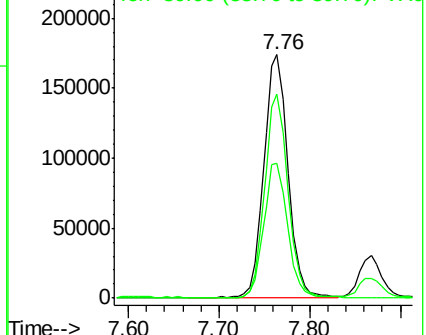
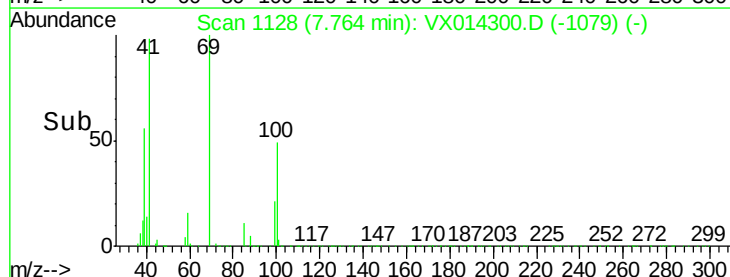
41 100

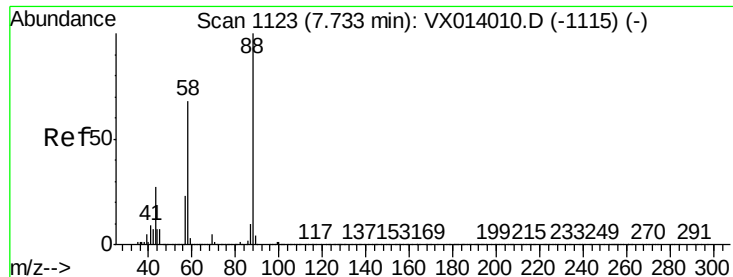
69 82.0 65.8 98.6

39 54.5 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: 1084.071 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

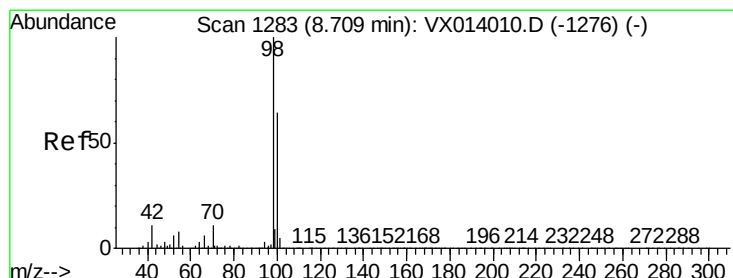
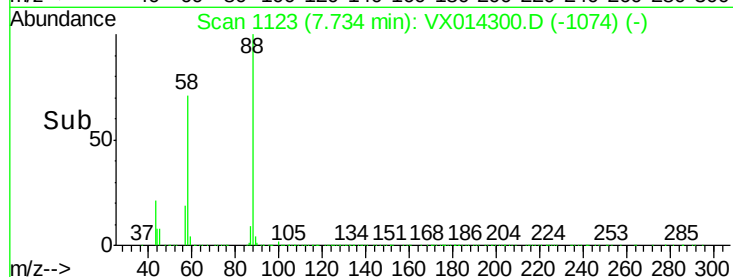
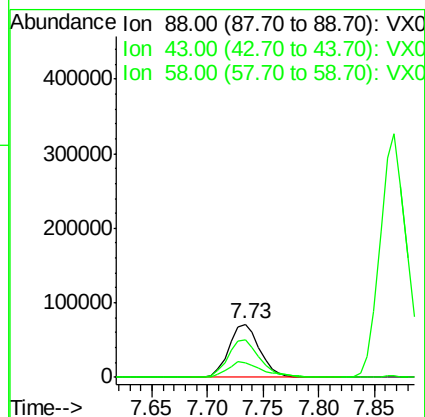
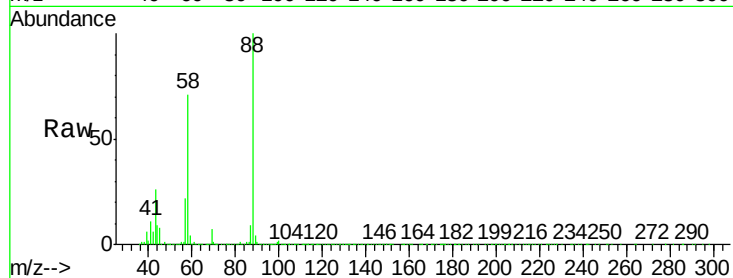
Tgt Ion: 88 Resp: 135509

Ion Ratio Lower Upper

88 100

43 33.0 26.5 39.7

58 74.4 56.8 85.2



#50

Toluene-d8

Concen: 49.431 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014300.D

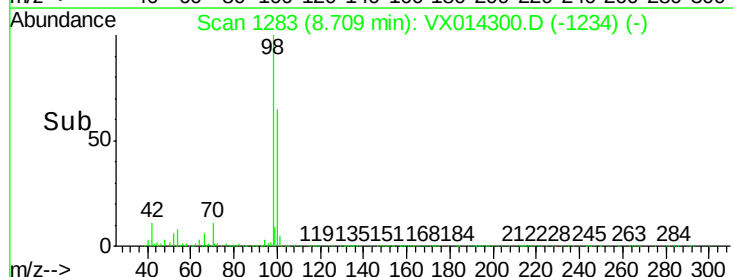
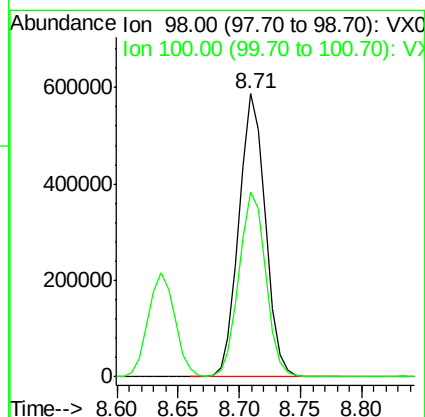
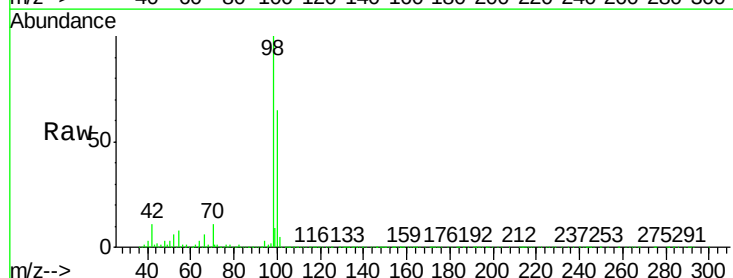
Acq: 27 Dec 2019 04:22

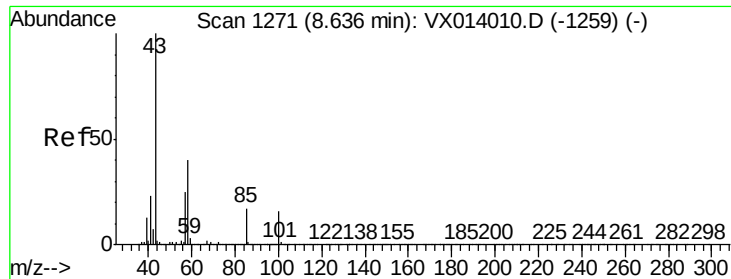
Tgt Ion: 98 Resp: 875136

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

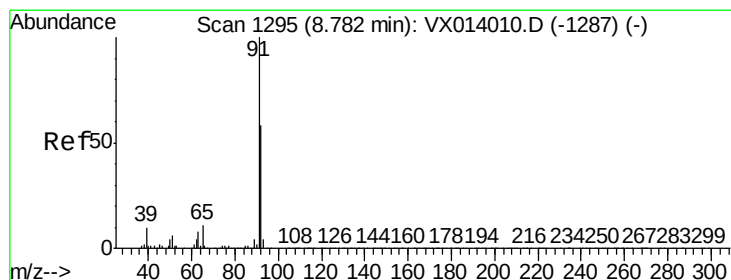
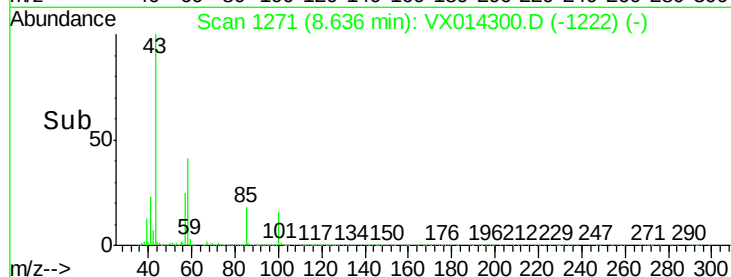
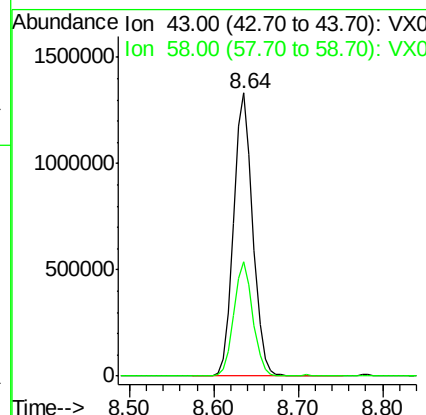
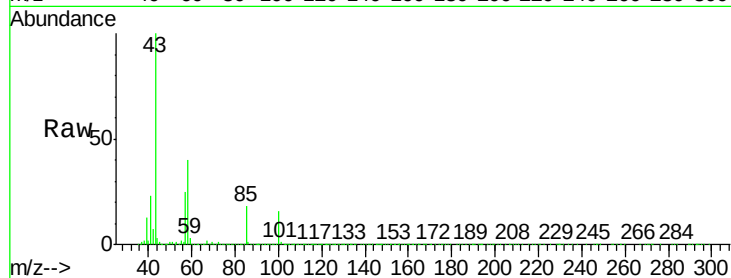




#51
 4-Methyl-2-Pentanone
 Concen: 262.922 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

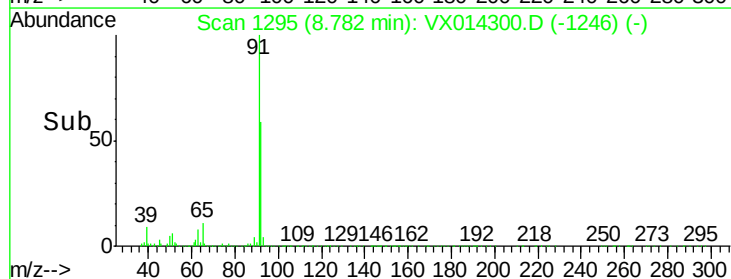
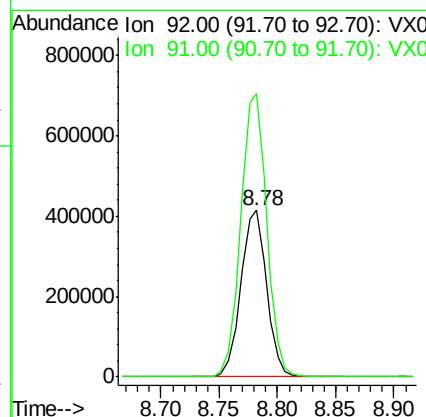
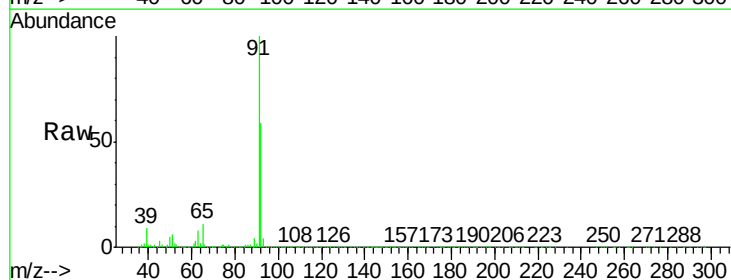
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

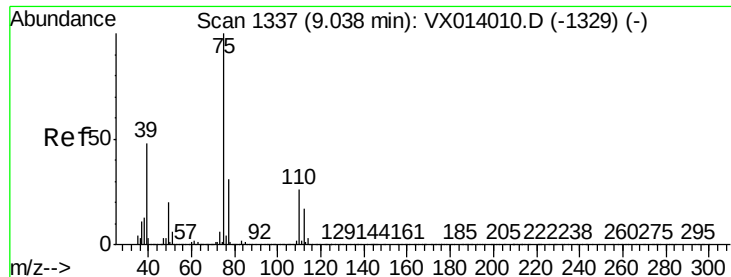
Tgt Ion: 43 Resp: 2071253
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.2



#52
 Toluene
 Concen: 47.892 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion: 92 Resp: 639305
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.2 204.4

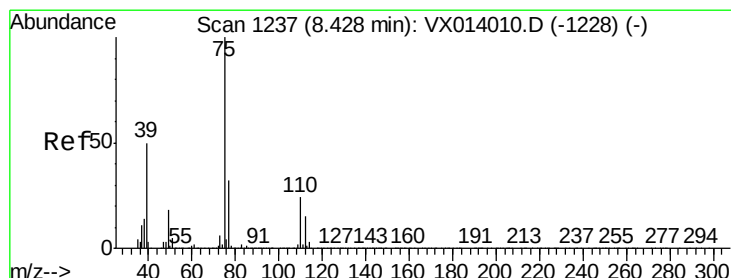
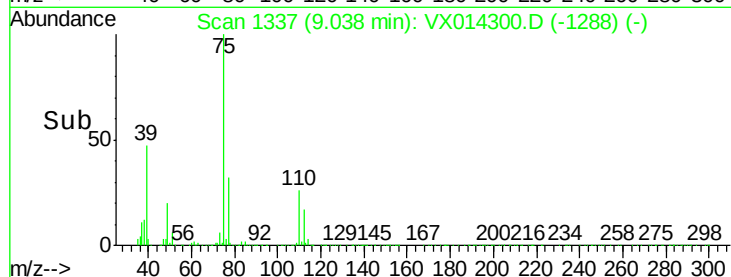
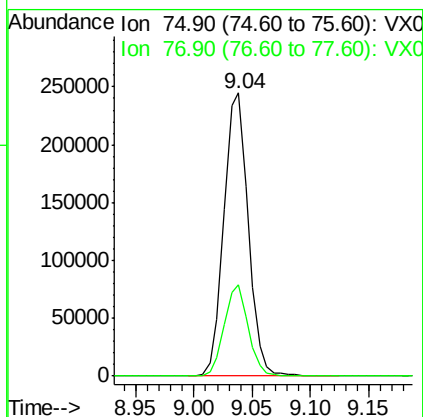
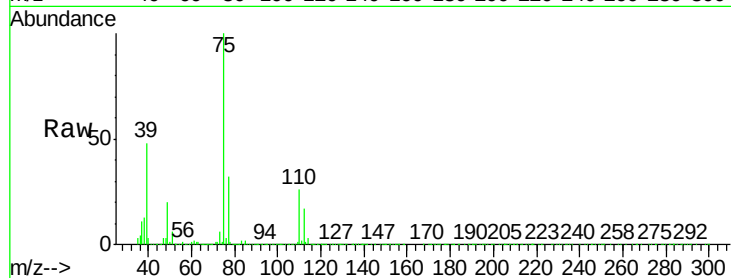




#53
t-1,3-Dichloropropene
Concen: 48.005 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

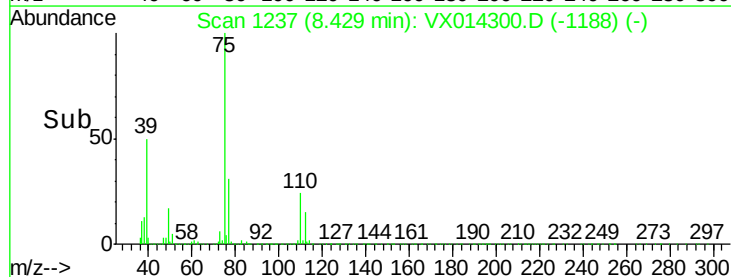
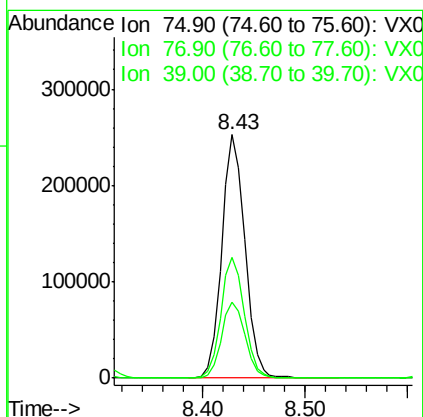
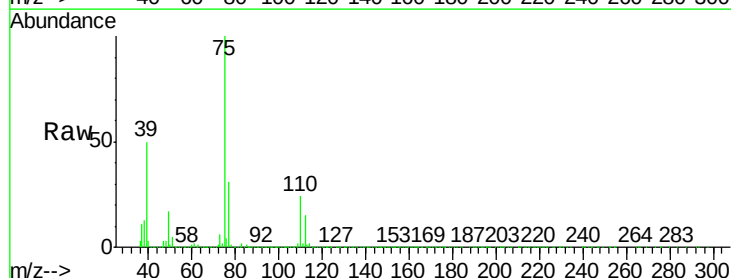
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

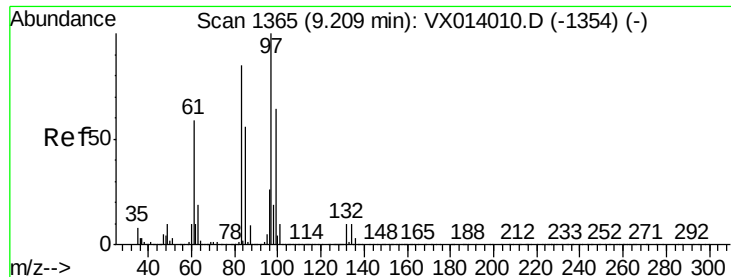
Tgt Ion: 75 Resp: 354793
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 48.246 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 75 Resp: 397248
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 49.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.846 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 266681

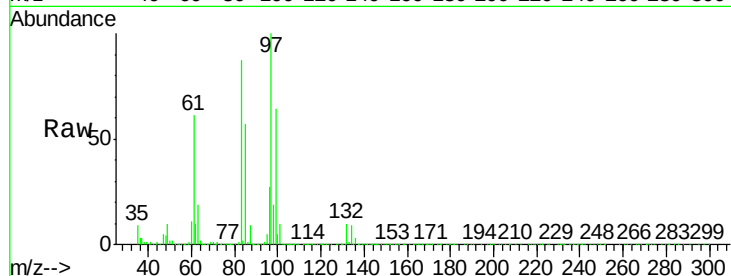
Ion Ratio Lower Upper

97 100

83 86.9 68.2 102.4

85 57.3 44.6 66.8

99 64.4 51.4 77.0

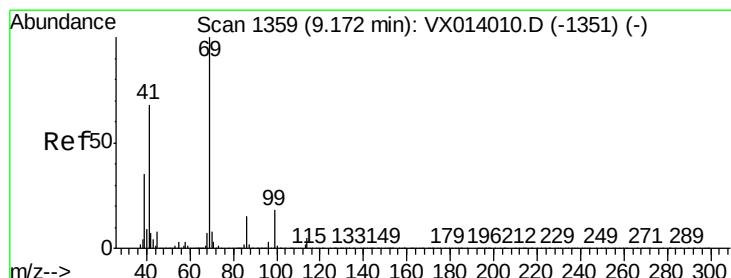
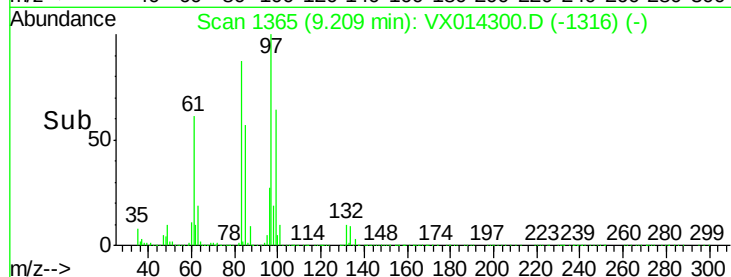
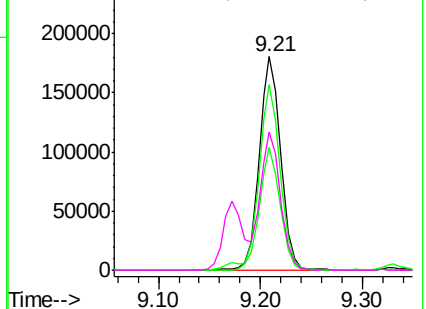


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.435 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

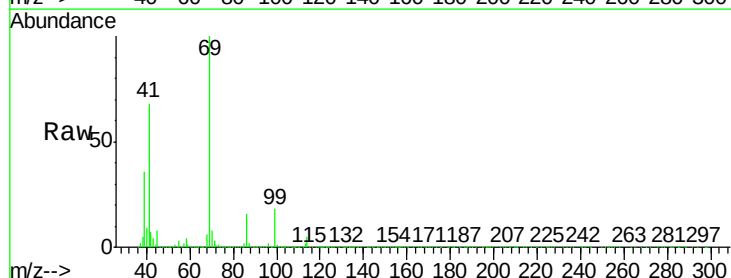
Tgt Ion: 69 Resp: 432265

Ion Ratio Lower Upper

69 100

41 67.5 54.8 82.2

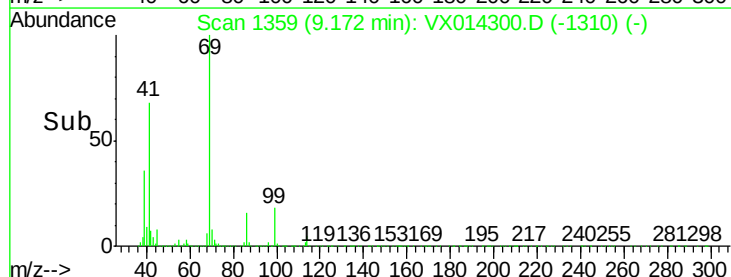
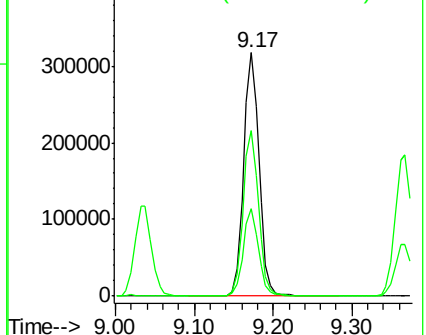
39 35.2 28.3 42.5

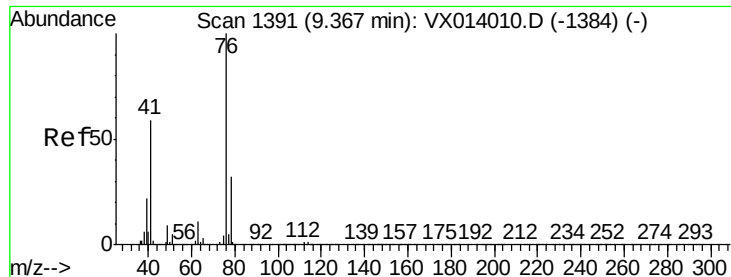


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.809 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

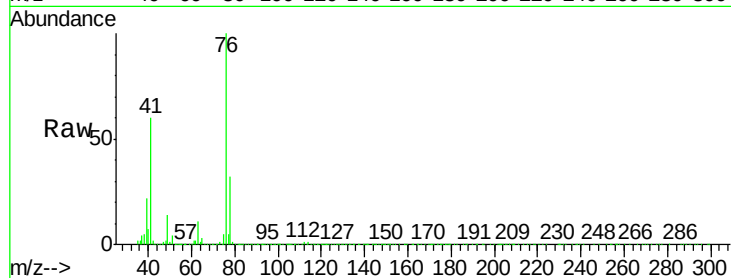
VSTDCCC050EC

Tgt Ion: 76 Resp: 448360

Ion Ratio Lower Upper

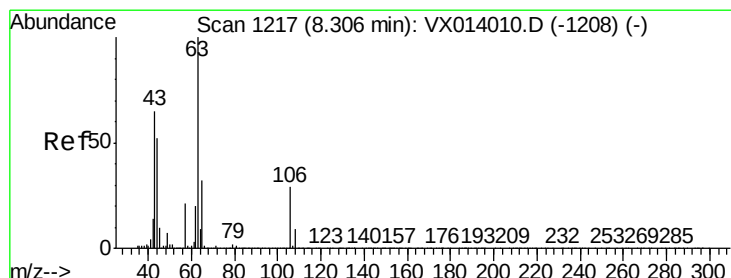
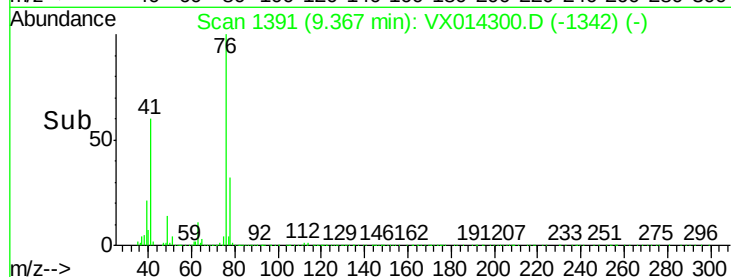
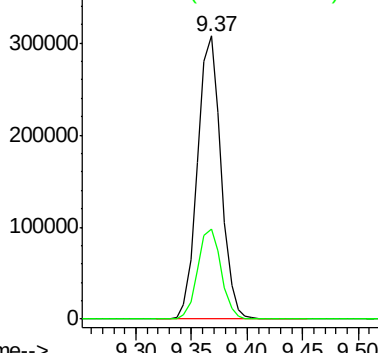
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.854 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014300.D

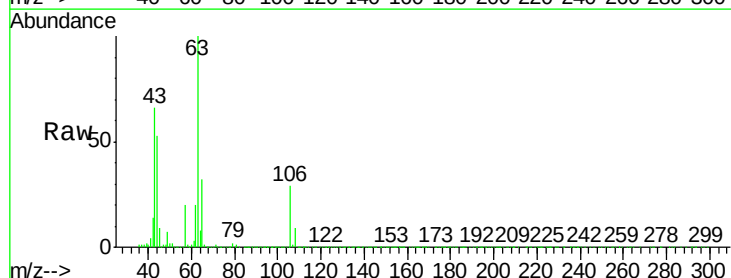
Acq: 27 Dec 2019 04:22

Tgt Ion: 63 Resp: 861428

Ion Ratio Lower Upper

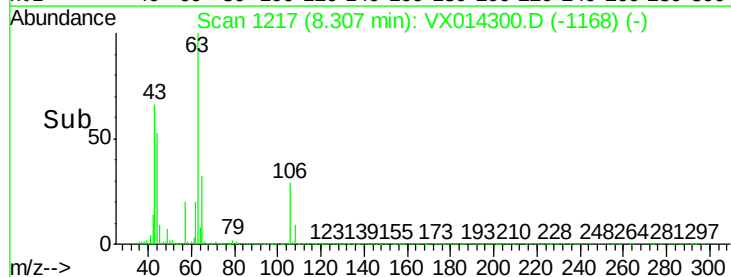
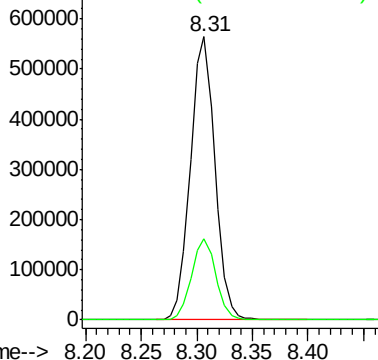
63 100

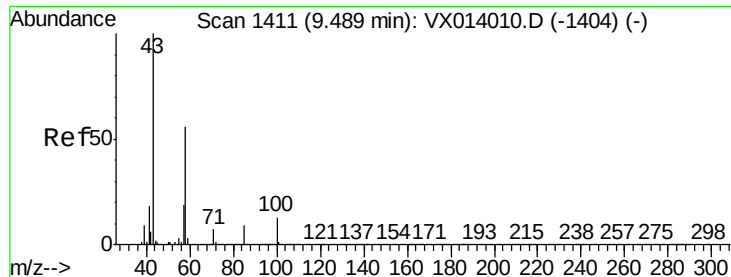
106 28.5 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

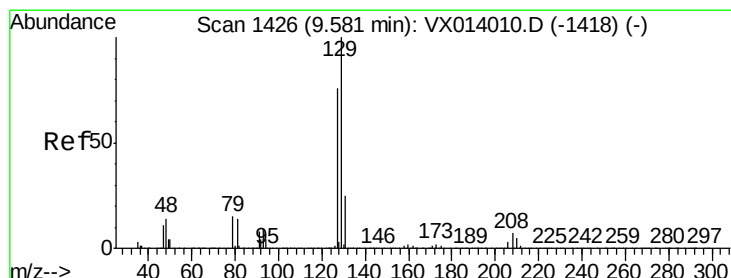
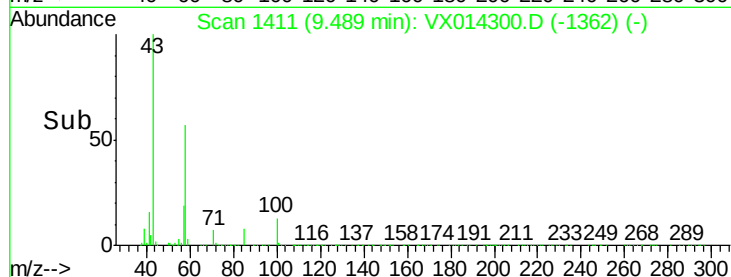
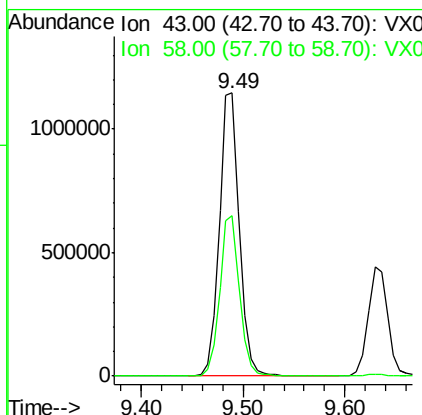
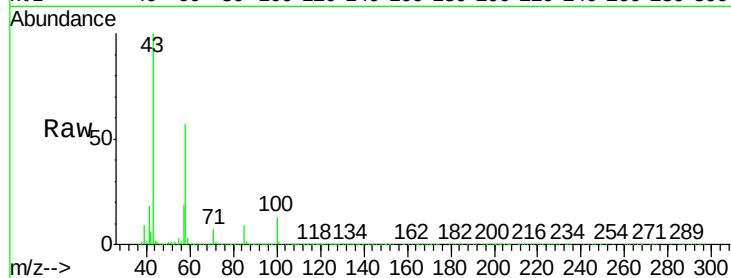




#59
2-Hexanone
Concen: 247.967 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

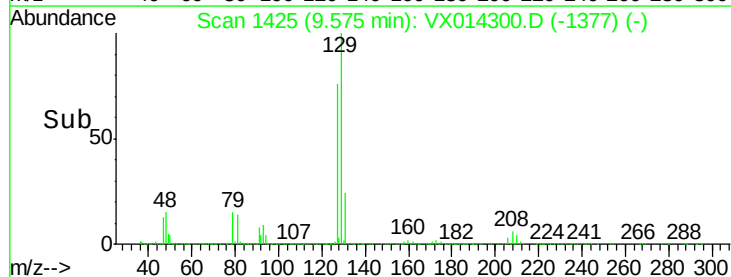
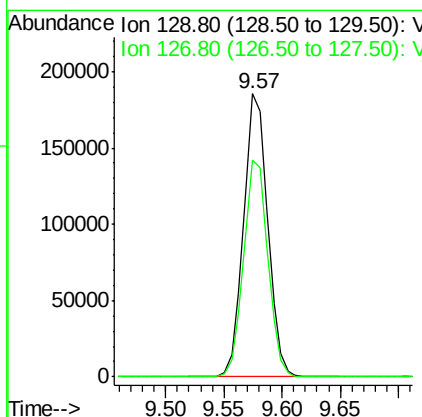
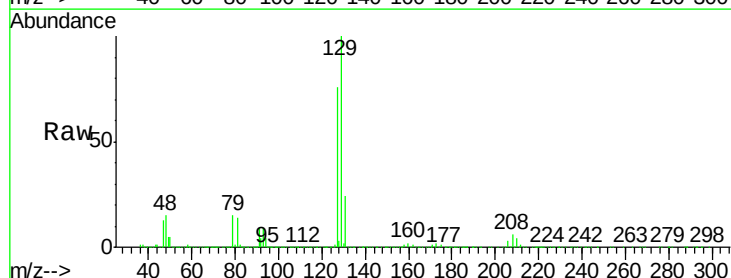
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

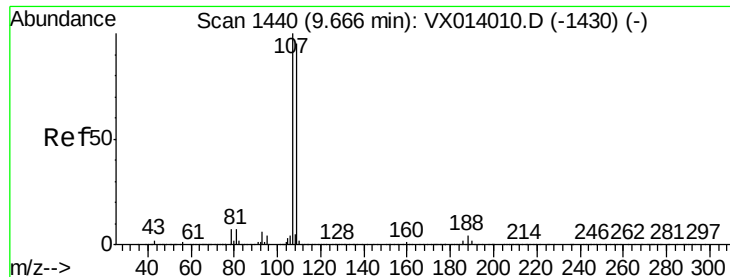
Tgt Ion: 43 Resp: 1572528
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 50.686 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 129 Resp: 269548
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.311 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

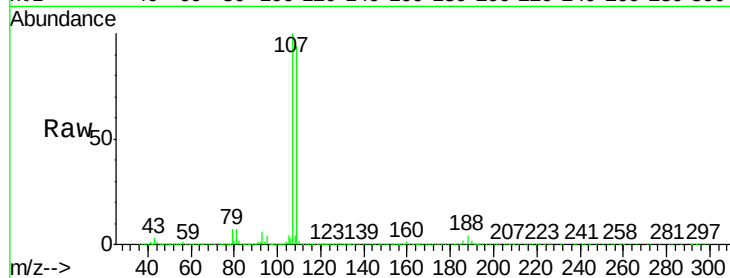
VSTDCCC050EC

Tgt Ion: 107 Resp: 275400

Ion Ratio Lower Upper

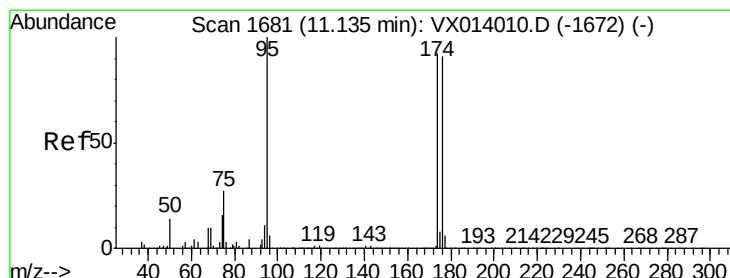
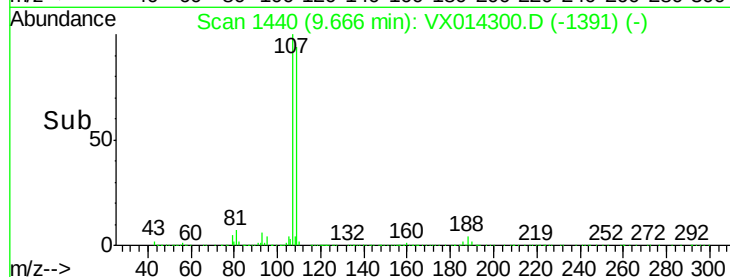
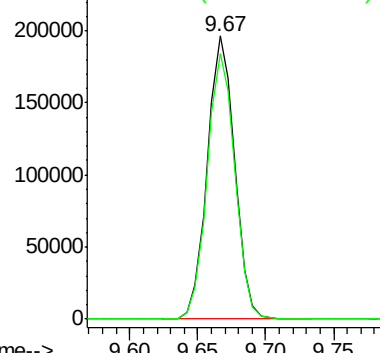
107 100

109 94.9 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.963 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

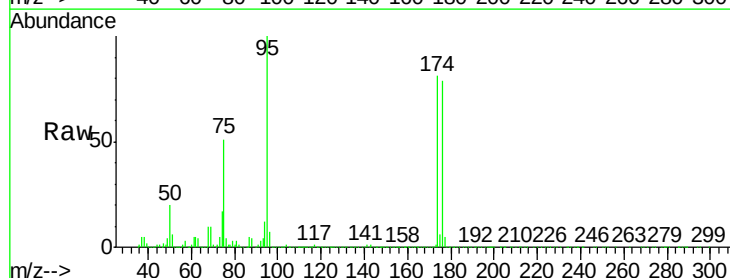
Tgt Ion: 95 Resp: 310400

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

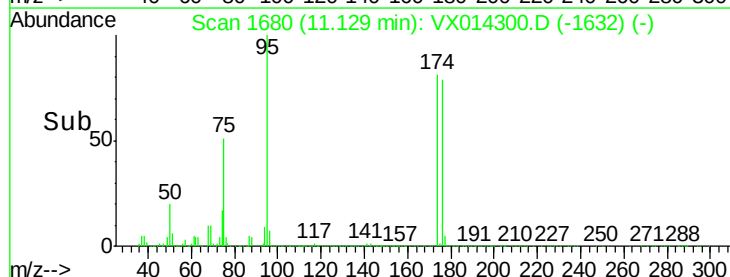
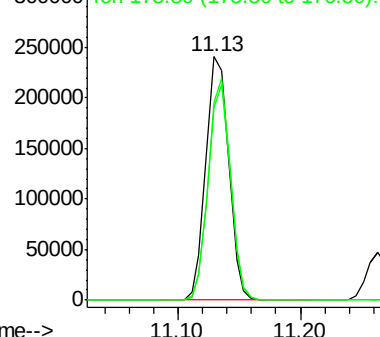
176 86.2 0.0 173.0

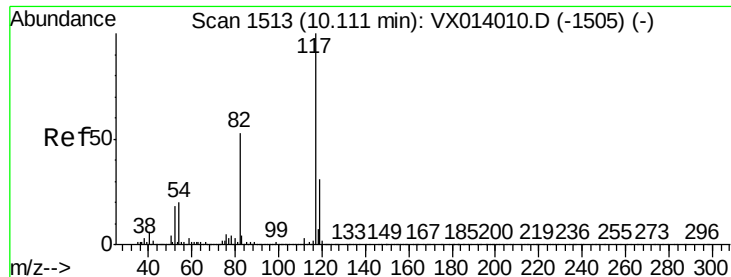


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

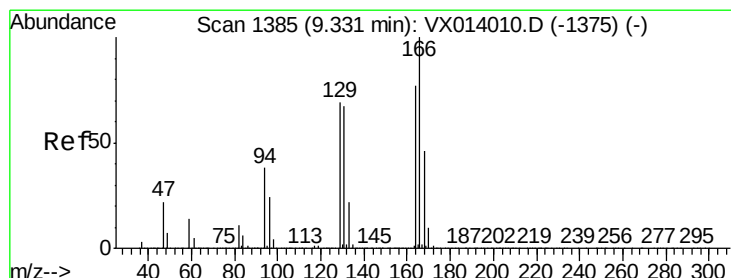
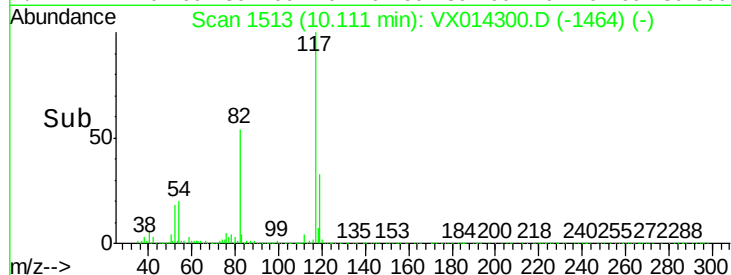
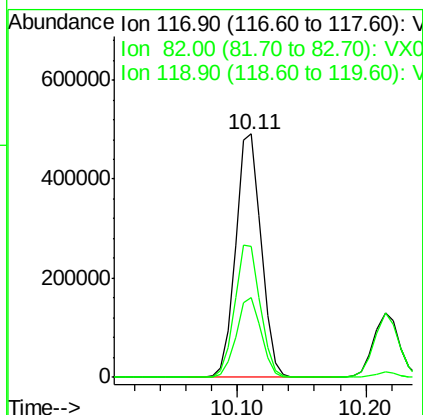
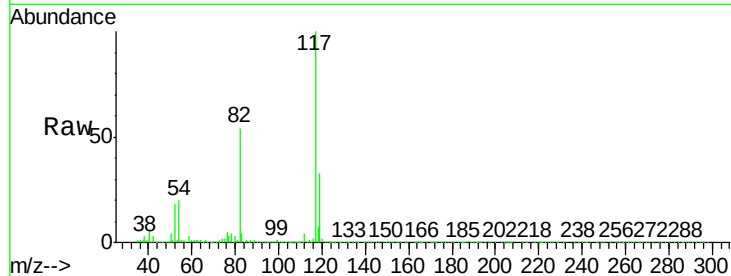




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

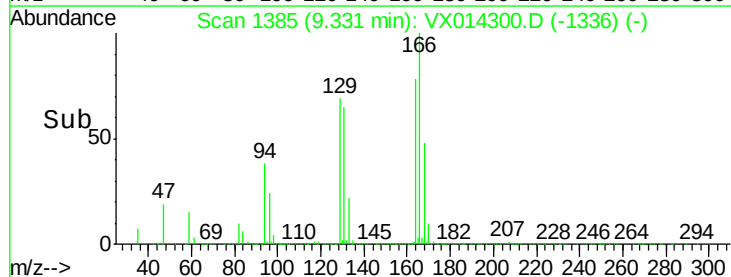
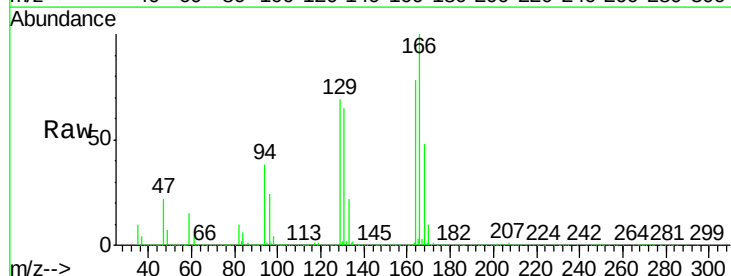
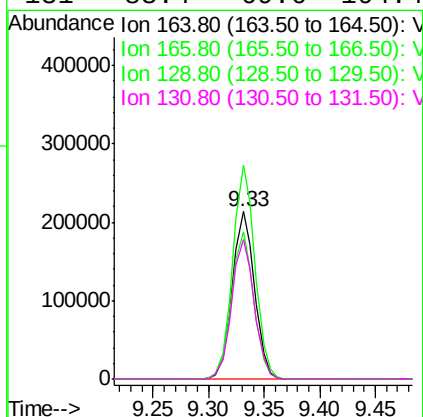
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

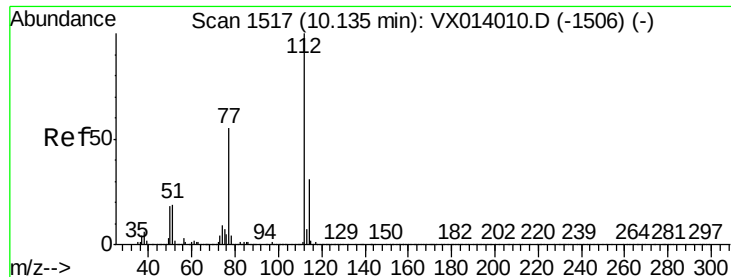
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	32.6	25.1	37.7



#64
Tetrachloroethene
Concen: 49.295 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	104.0	156.0
129	88.3	72.2	108.4
131	83.4	69.6	104.4





#65

Chlorobenzene

Concen: 47.455 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

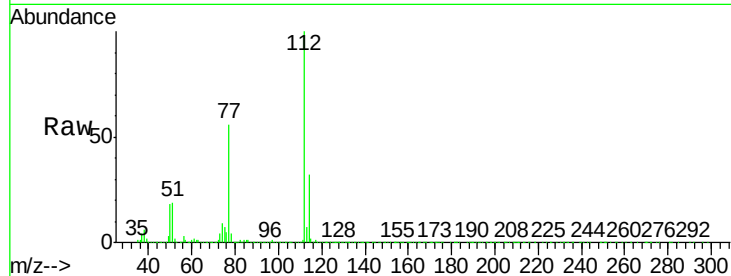
VSTDCCC050EC

Tgt Ion:112 Resp: 680702

Ion Ratio Lower Upper

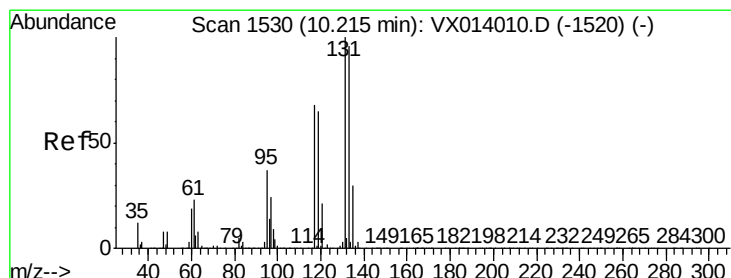
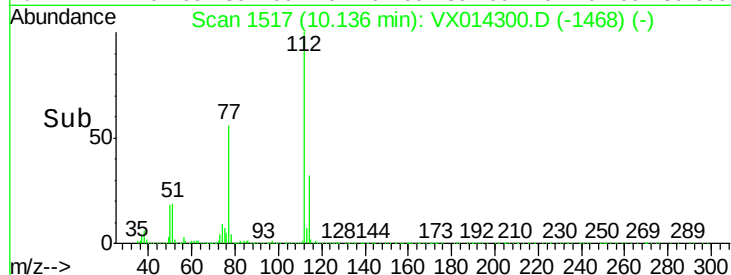
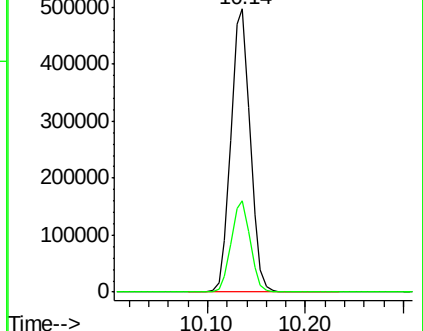
112 100

114 32.1 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.359 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

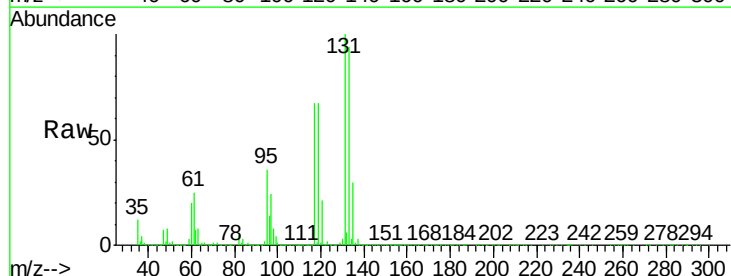
Tgt Ion:131 Resp: 257924

Ion Ratio Lower Upper

131 100

133 94.1 48.0 144.0

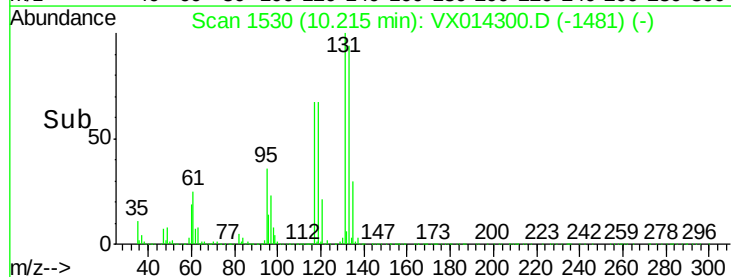
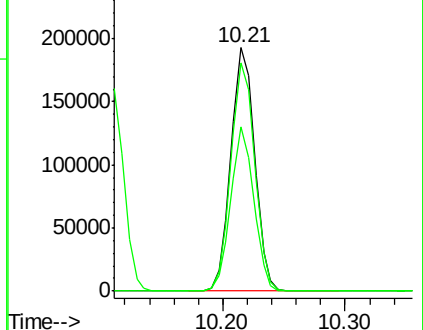
119 65.7 33.4 100.2

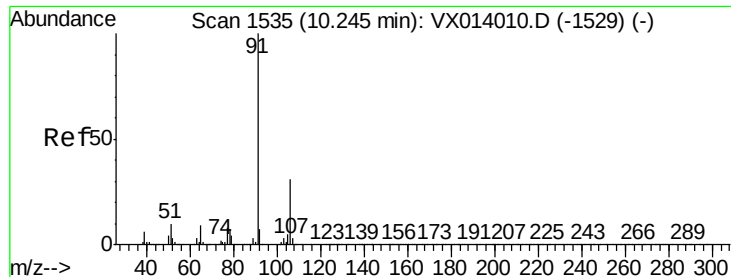


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.628 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

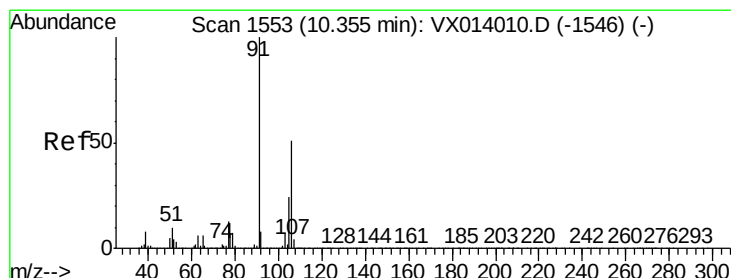
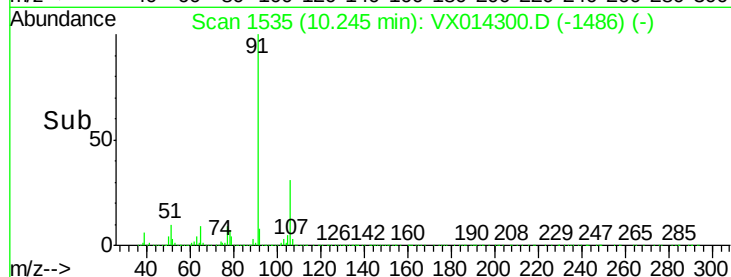
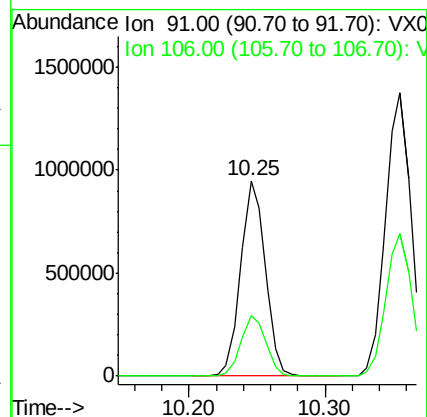
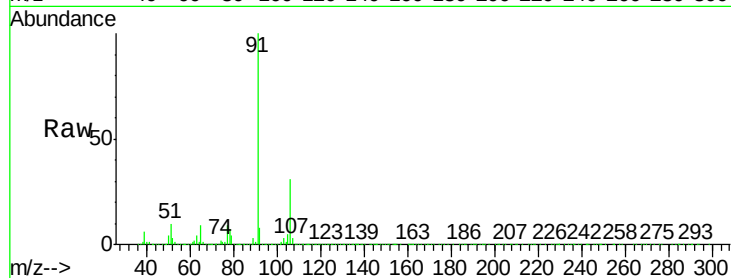
VSTDCCC050EC

Tgt Ion: 91 Resp: 1199221

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 96.449 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014300.D

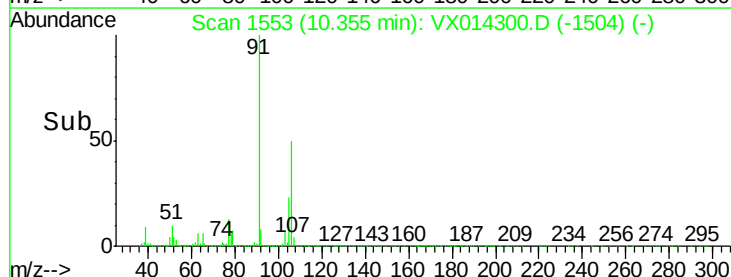
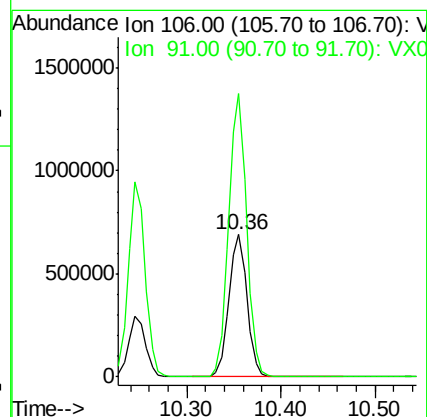
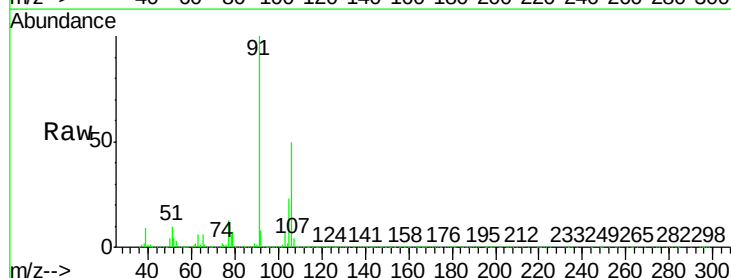
Acq: 27 Dec 2019 04:22

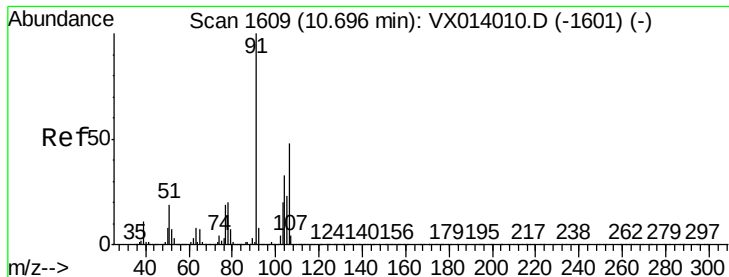
Tgt Ion: 106 Resp: 914816

Ion Ratio Lower Upper

106 100

91 198.0 158.6 238.0

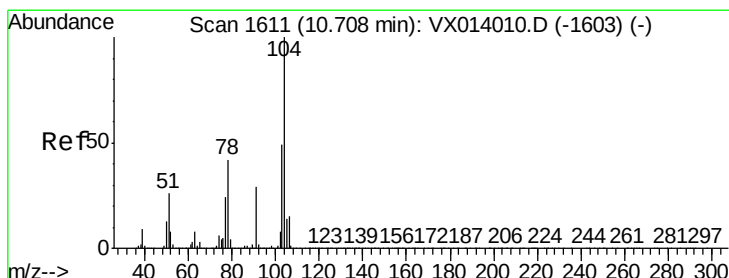
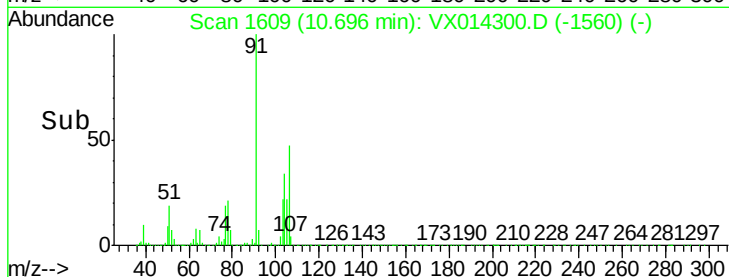
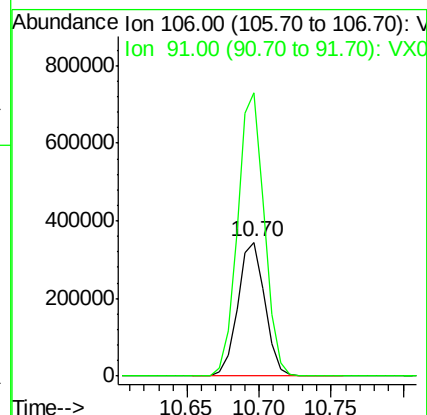
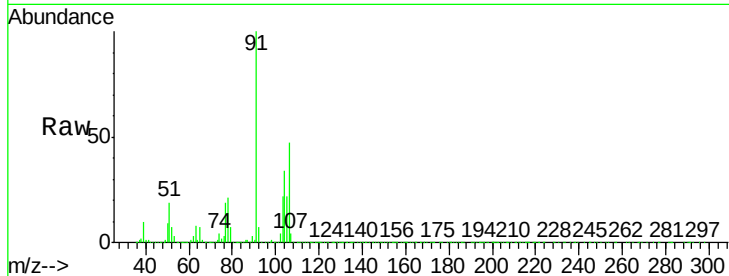




#69
o-Xylene
Concen: 48.357 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

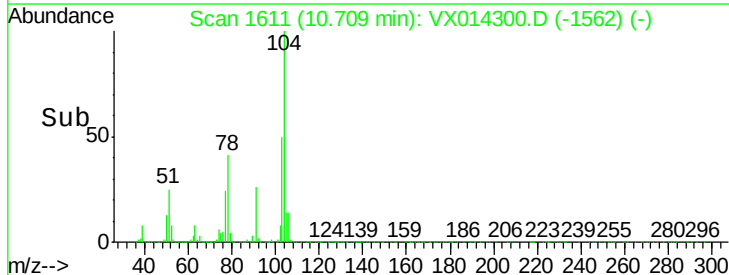
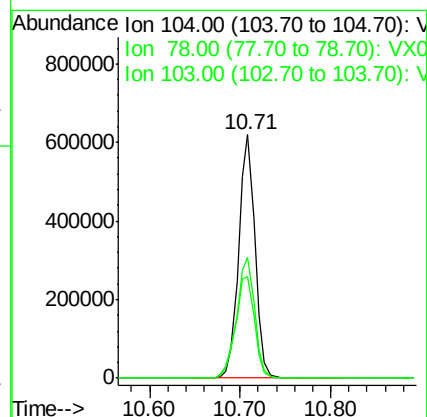
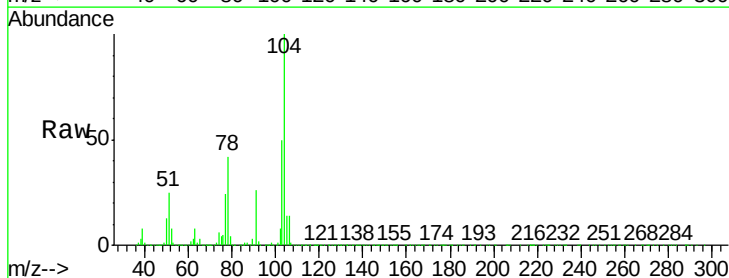
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

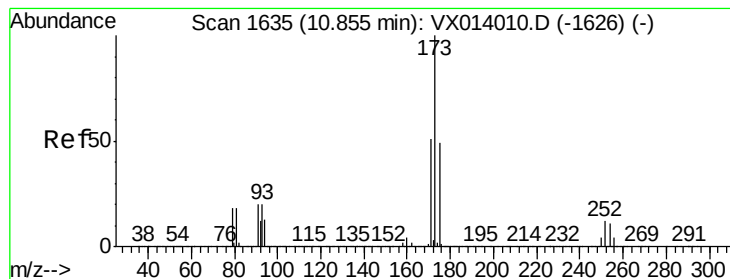
Tgt Ion:106 Resp: 449833
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.6



#70
Styrene
Concen: 48.994 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion:104 Resp: 770677
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.4 42.9 64.3





#71

Bromoform

Concen: 50.147 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

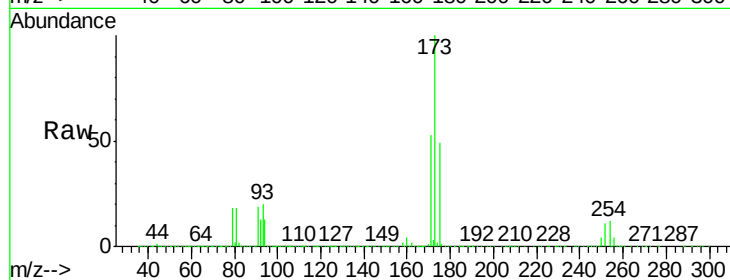
Tgt Ion:173 Resp: 206453

Ion Ratio Lower Upper

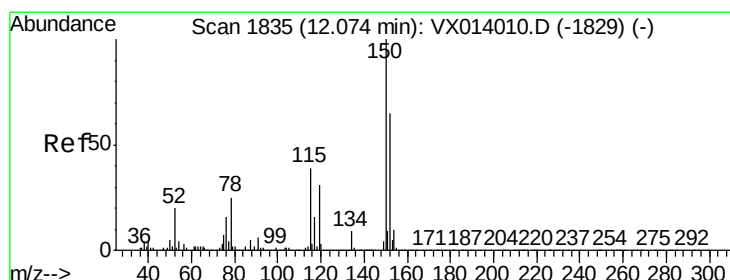
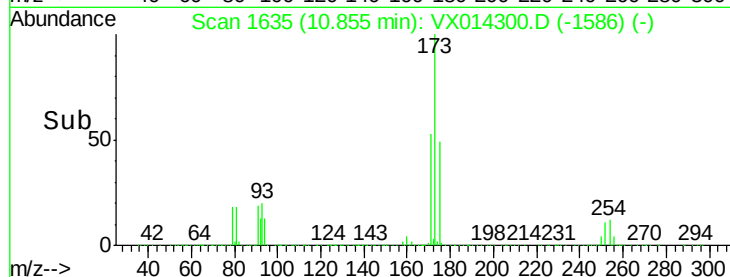
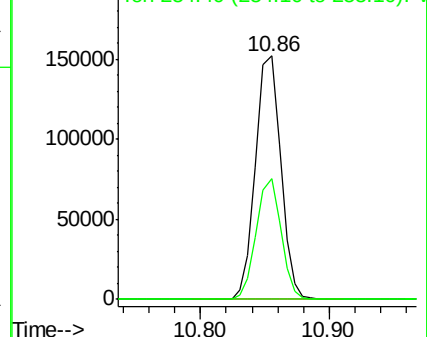
173 100

175 48.5 24.4 73.4

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

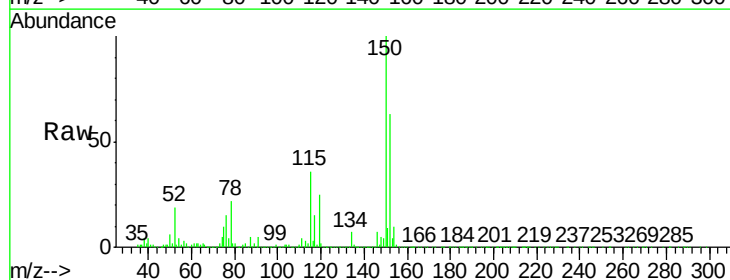
Tgt Ion:152 Resp: 336150

Ion Ratio Lower Upper

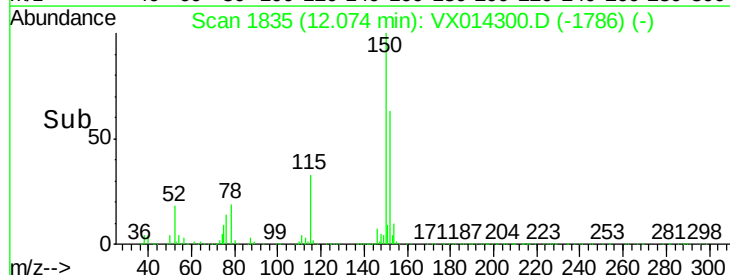
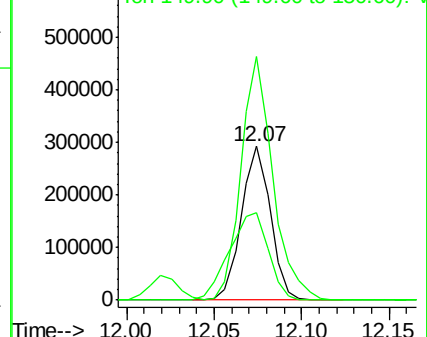
152 100

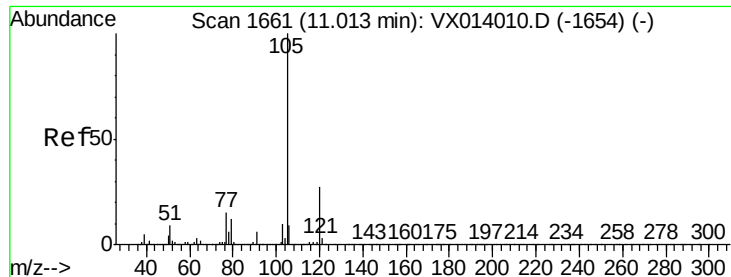
115 77.0 38.3 114.9

150 174.3 0.0 345.4



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





#73

Isopropylbenzene

Concen: 49.944 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

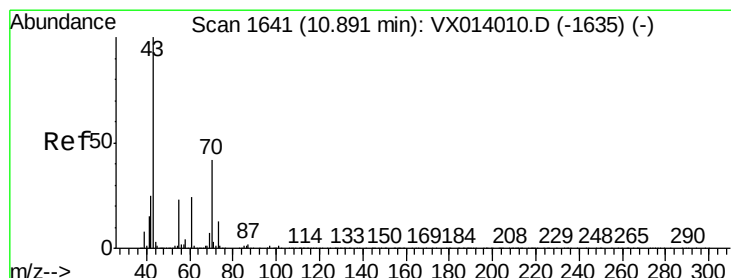
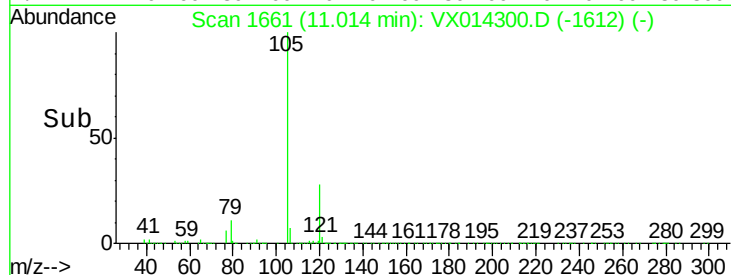
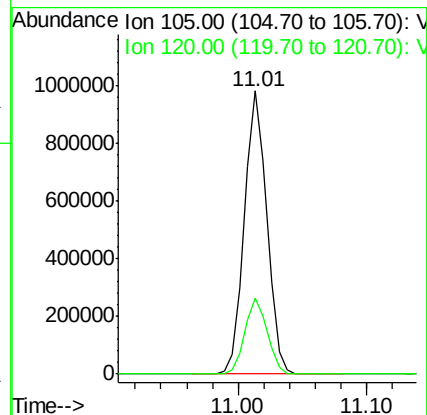
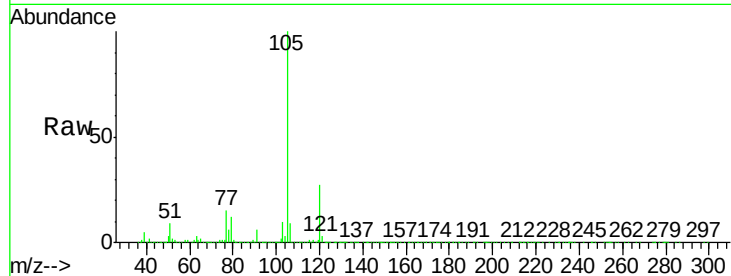
VSTDCCC050EC

Tgt Ion:105 Resp: 1182059

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 52.199 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion: 43 Resp: 579088

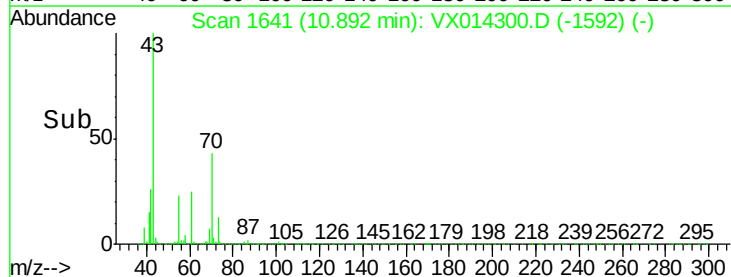
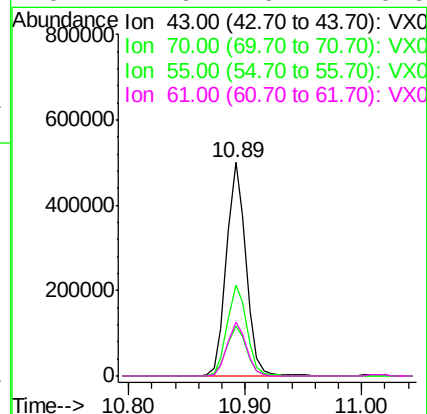
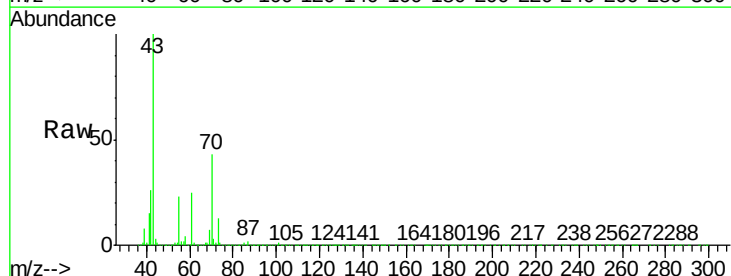
Ion Ratio Lower Upper

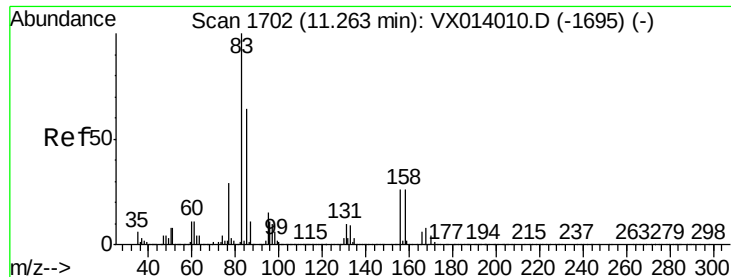
43 100

70 43.0 34.4 51.6

55 24.1 19.1 28.7

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.467 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

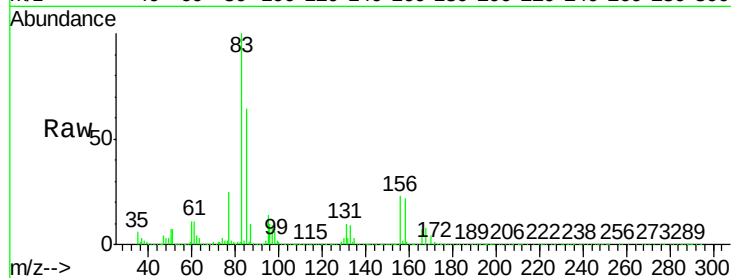
Tgt Ion: 83 Resp: 405895

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

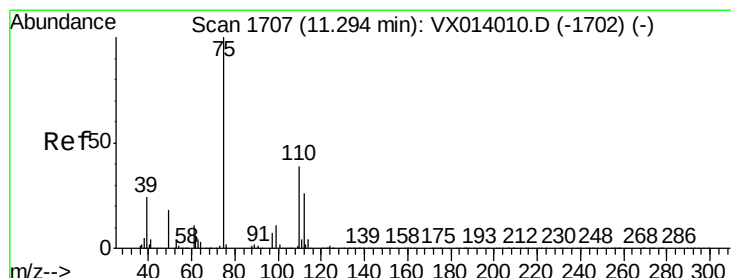
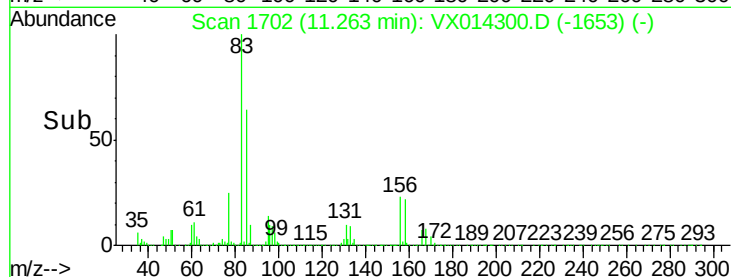
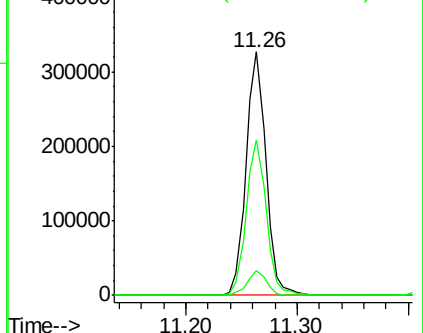
85 64.0 31.9 95.7



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: 63.291 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014300.D

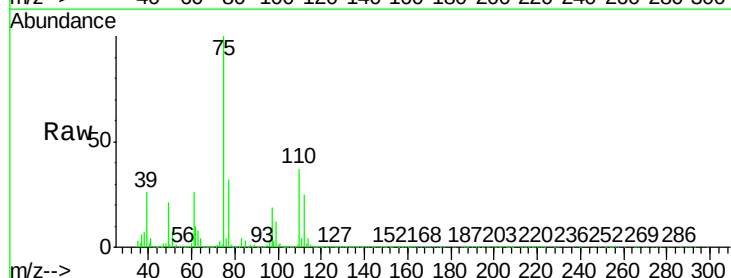
Acq: 27 Dec 2019 04:22

Tgt Ion: 75 Resp: 461884

Ion Ratio Lower Upper

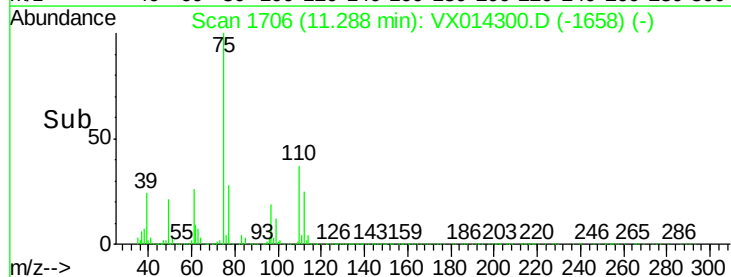
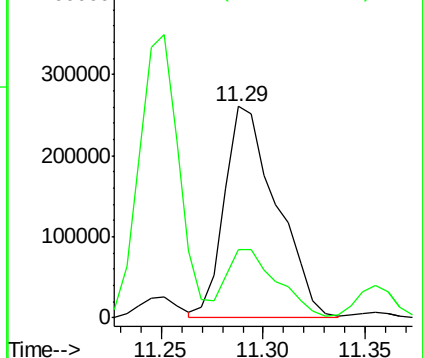
75 100

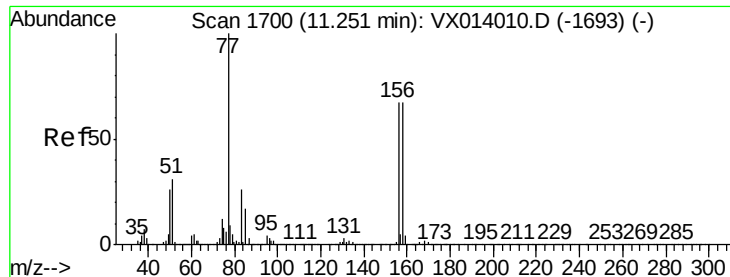
77 30.8 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.279 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

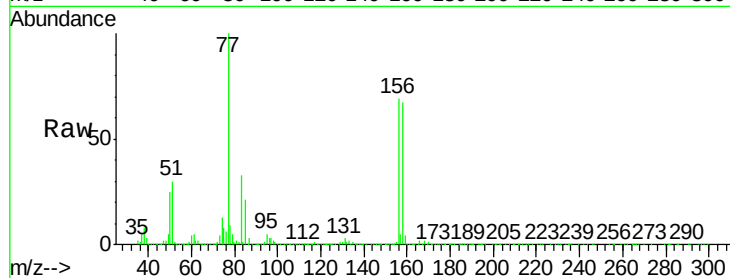
Tgt Ion:156 Resp: 307873

Ion Ratio Lower Upper

156 100

77 153.6 76.5 229.5

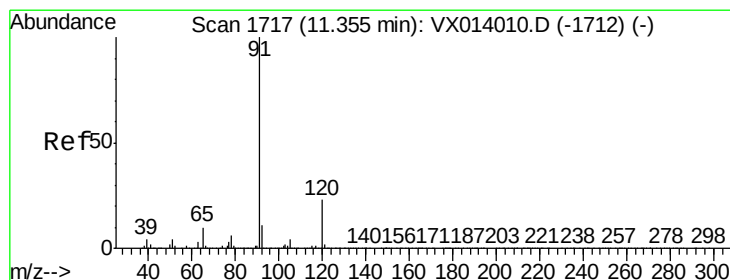
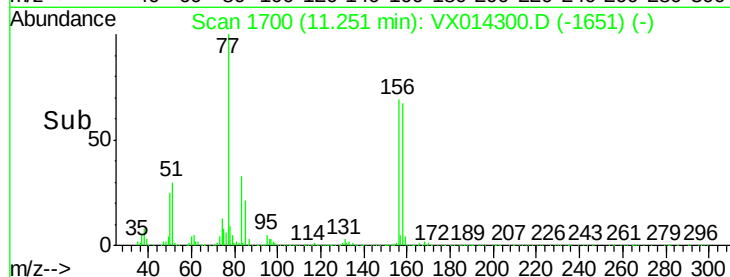
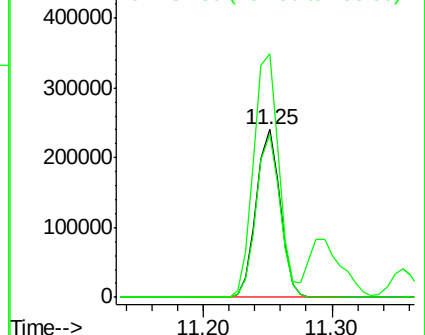
158 96.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.988 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014300.D

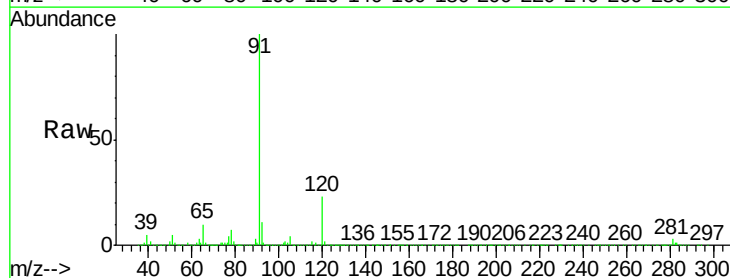
Acq: 27 Dec 2019 04:22

Tgt Ion: 91 Resp: 1327042

Ion Ratio Lower Upper

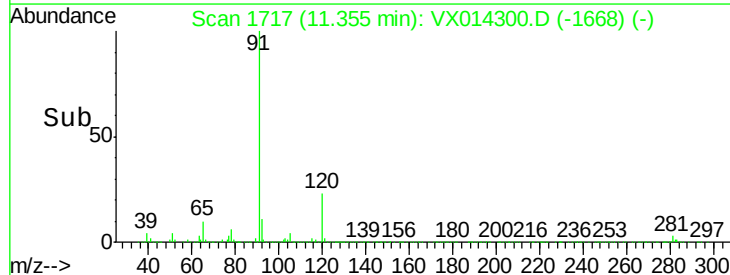
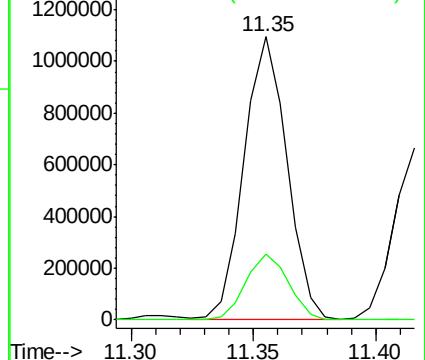
91 100

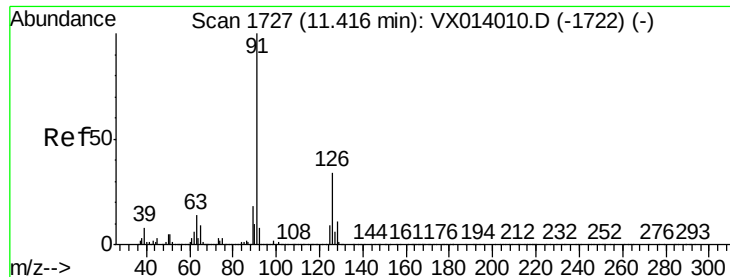
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

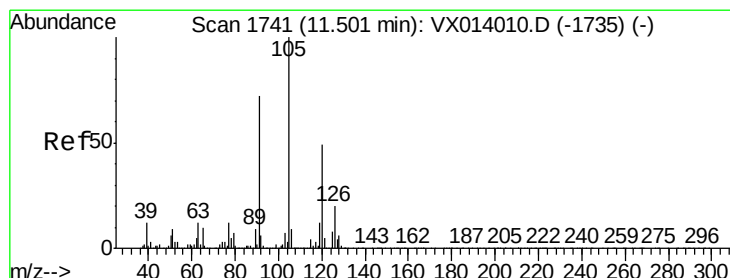
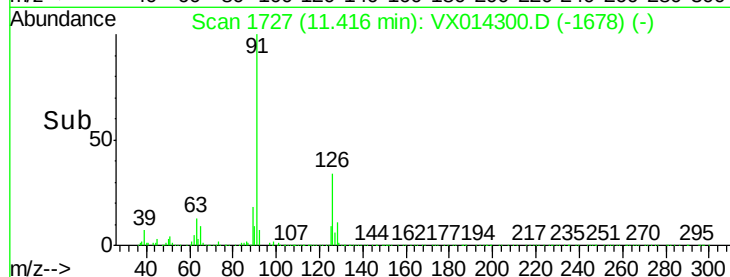
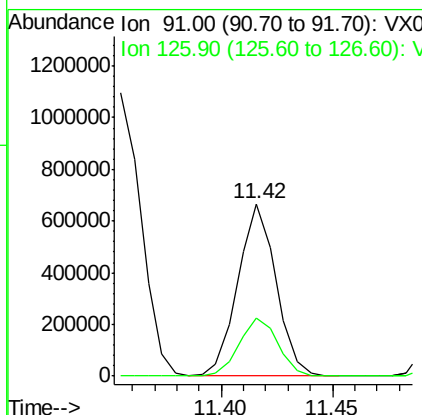
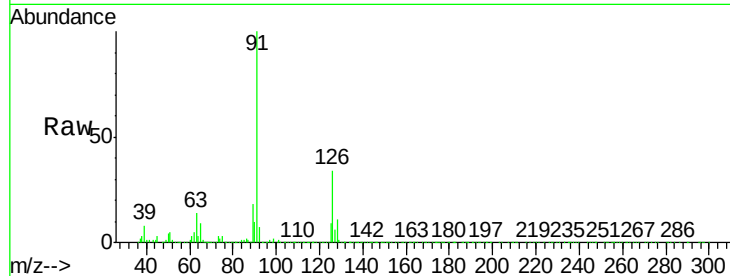




#79
 2-Chlorotoluene
 Concen: 49.056 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

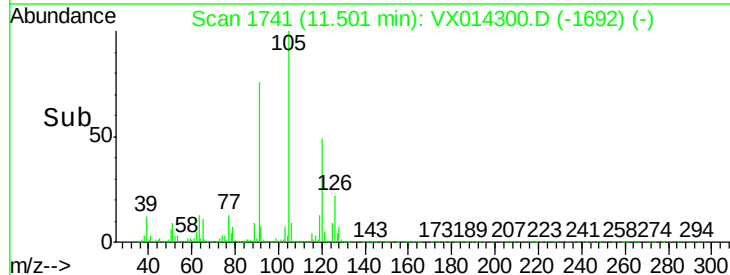
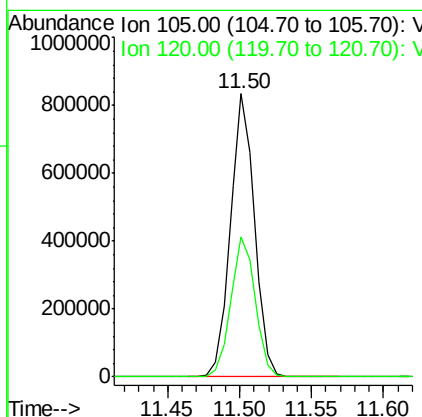
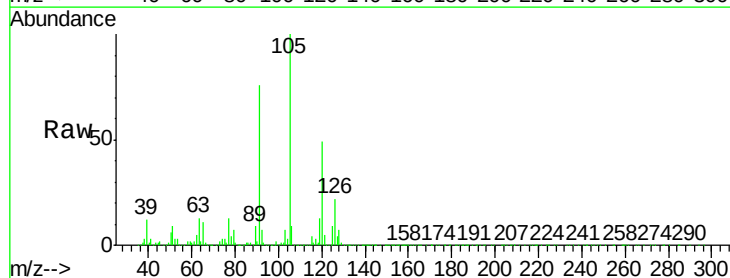
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

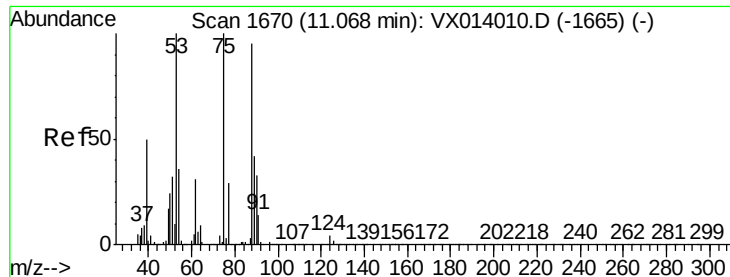
Tgt Ion: 91 Resp: 791643
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.163 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion: 105 Resp: 979257
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.832 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

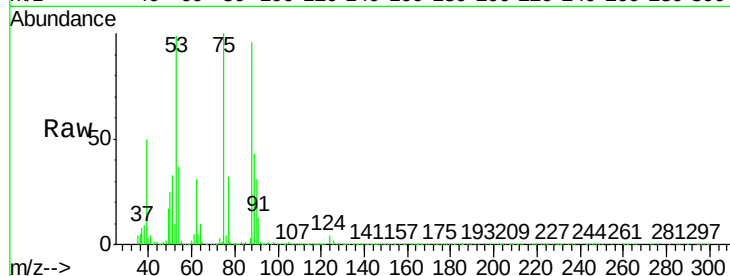
Tgt Ion: 75 Resp: 121087

Ion Ratio Lower Upper

75 100

53 99.9 76.7 115.1

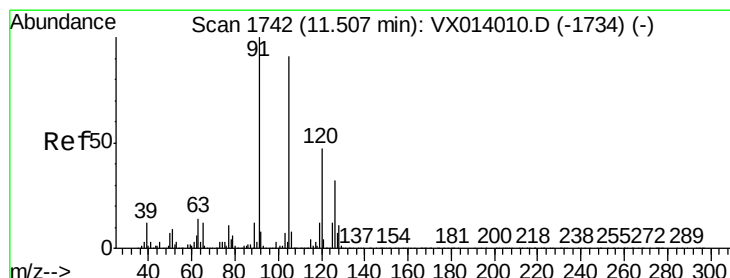
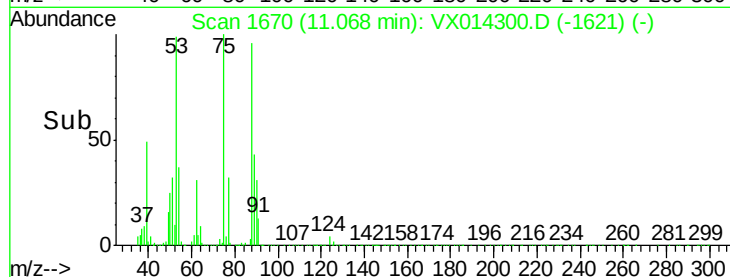
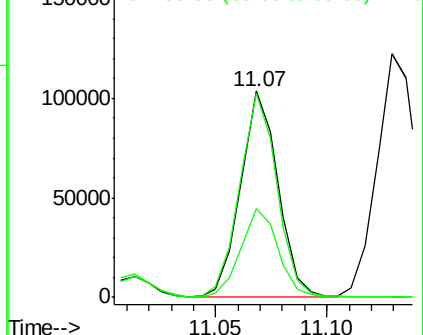
89 42.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.296 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014300.D

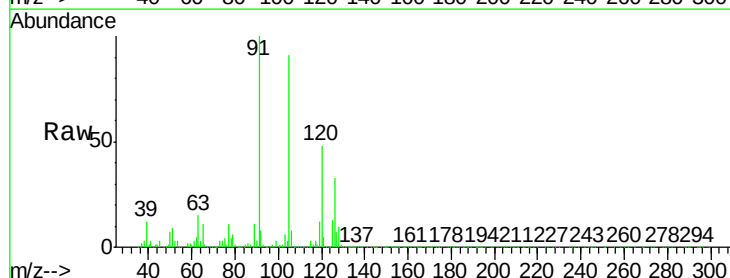
Acq: 27 Dec 2019 04:22

Tgt Ion: 91 Resp: 904039

Ion Ratio Lower Upper

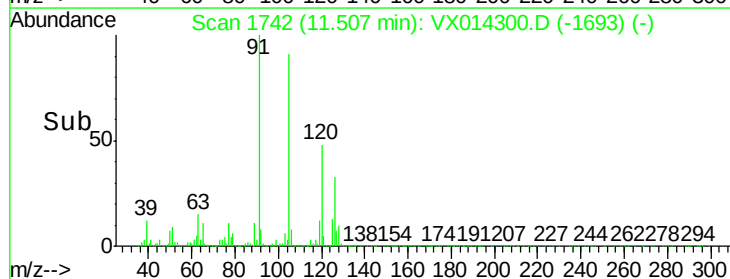
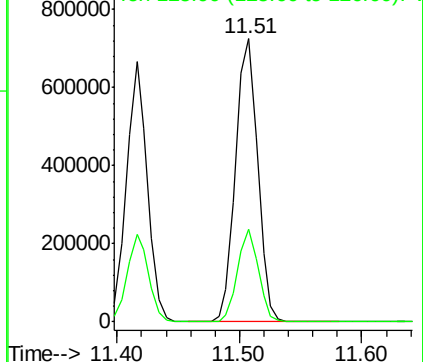
91 100

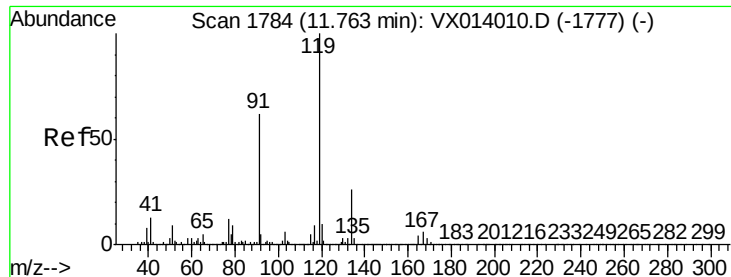
126 31.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

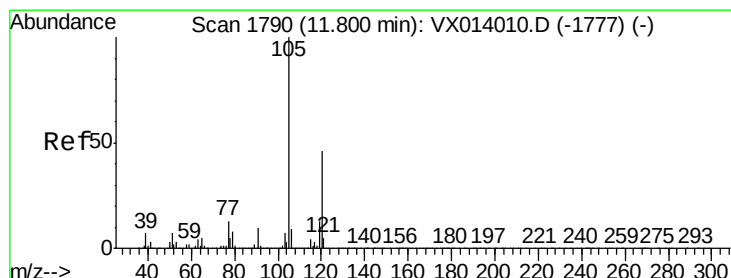
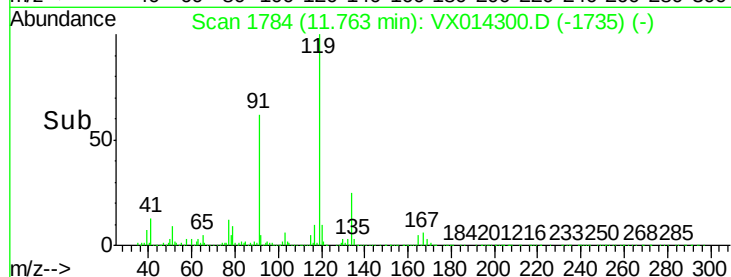
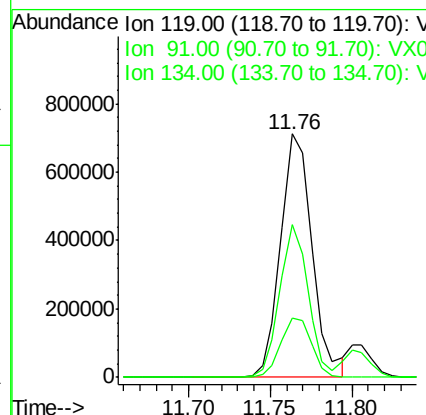
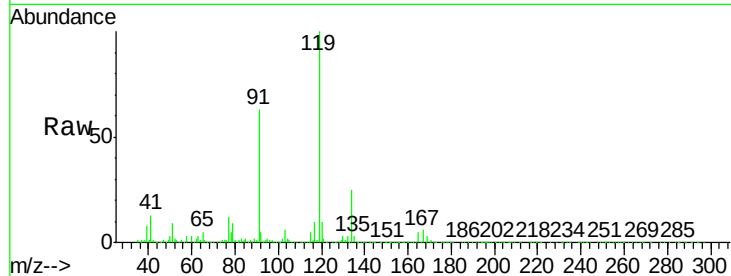




#83
 tert-Butylbenzene
 Concen: 49.010 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

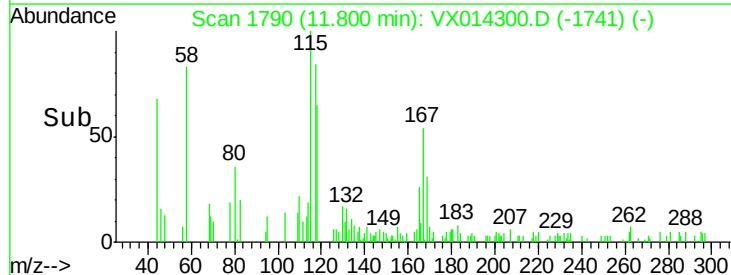
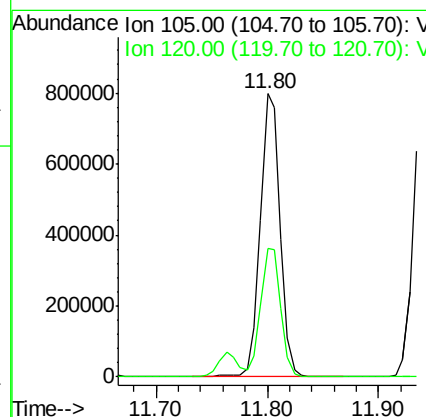
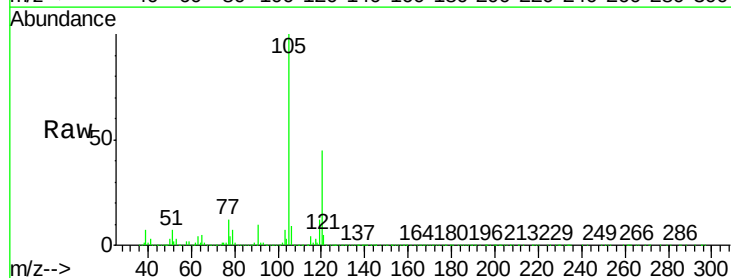
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

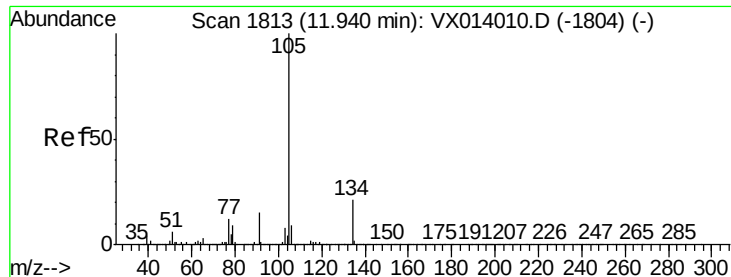
Tgt Ion:119 Resp: 950011
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.5 85.6
 134 24.1 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.503 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion:105 Resp: 987450
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.634 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

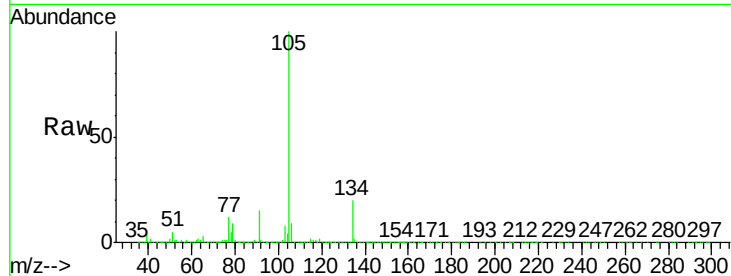
VSTDCCC050EC

Tgt Ion:105 Resp: 1135790

Ion Ratio Lower Upper

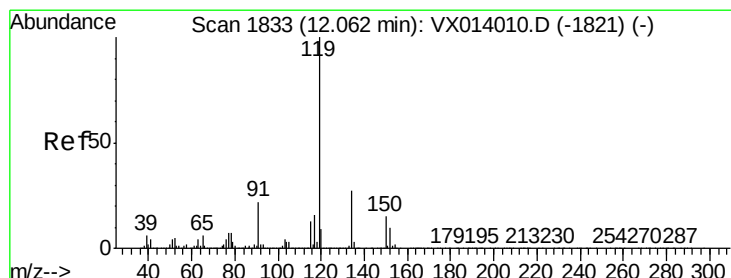
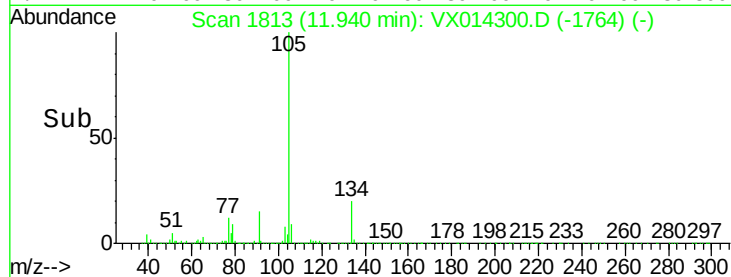
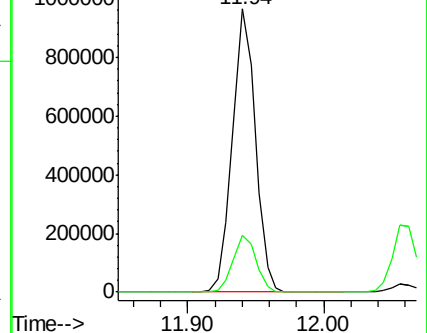
105 100

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: 49.515 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

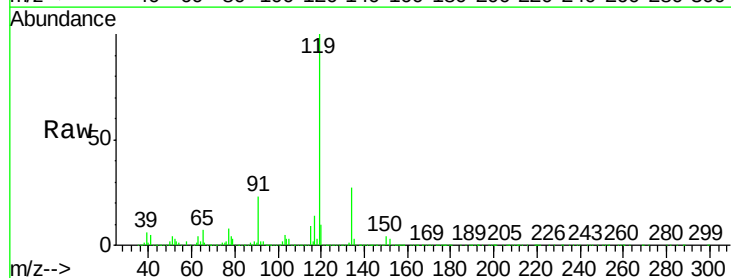
Tgt Ion:119 Resp: 1036469

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

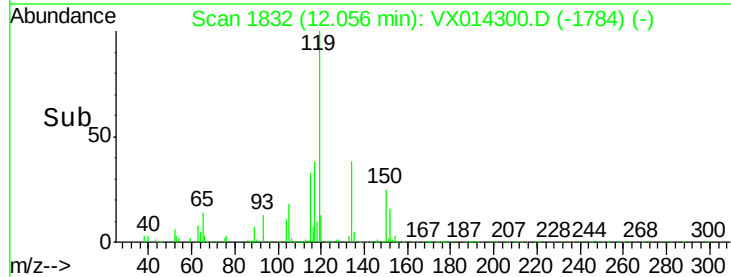
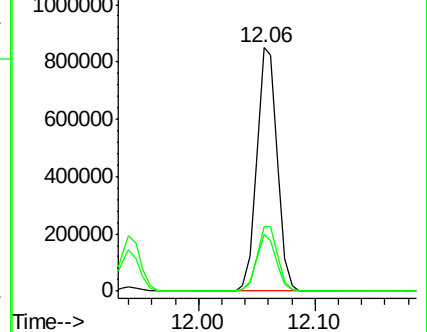
91 22.3 11.4 34.1

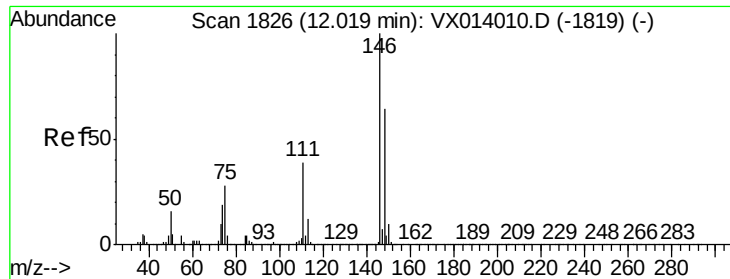


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

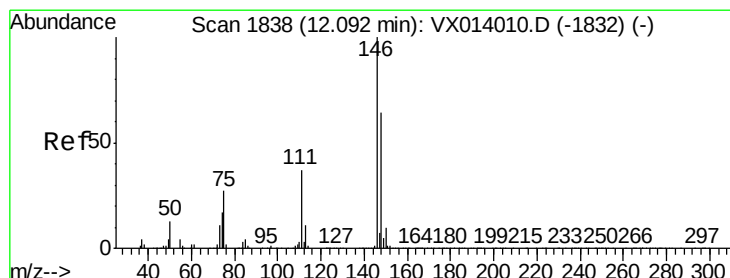
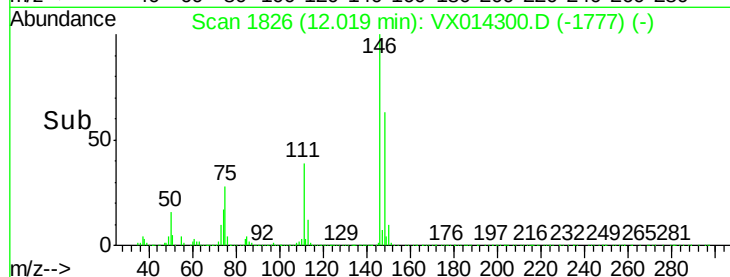
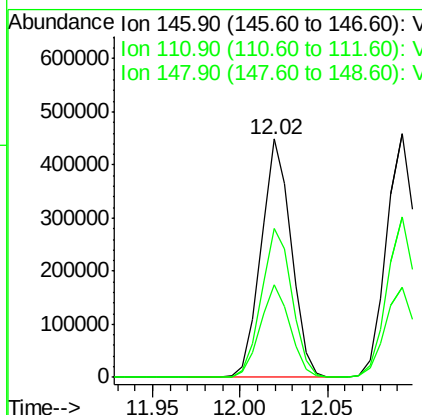
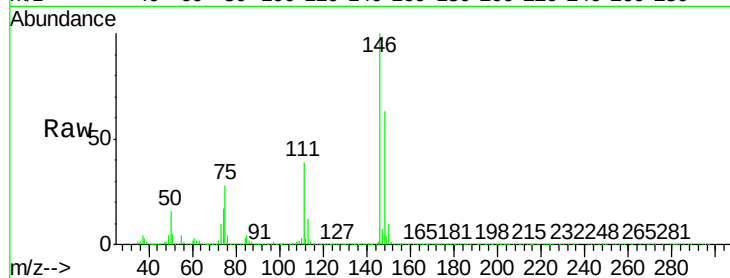




#87
 1,3-Dichlorobenzene
 Concen: 46.987 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

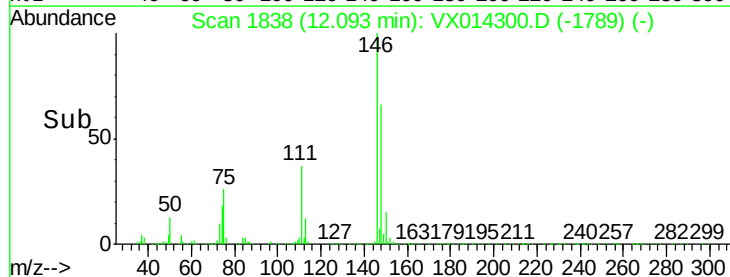
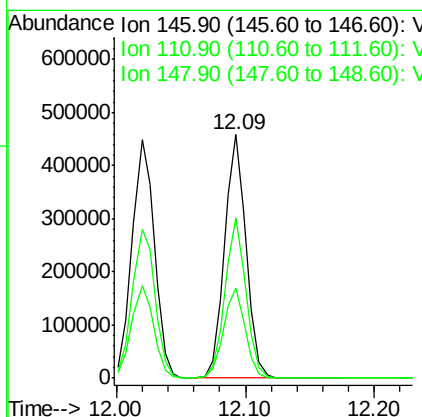
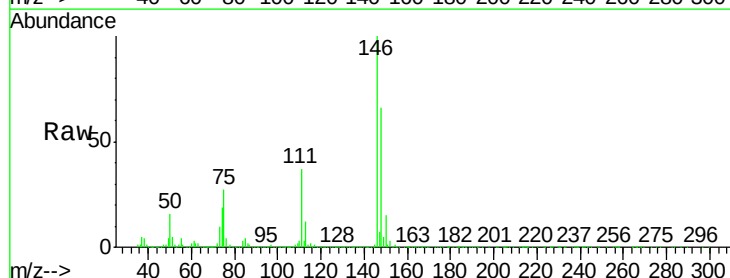
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

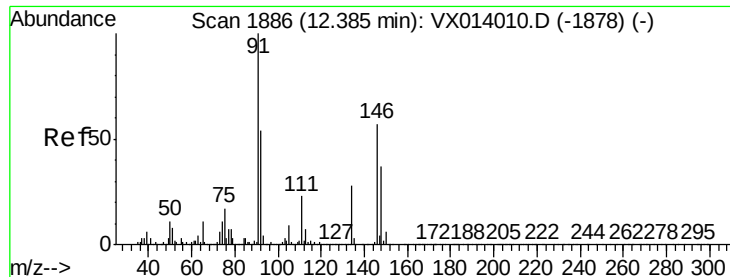
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	63.4	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 46.331 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	31.9	95.9

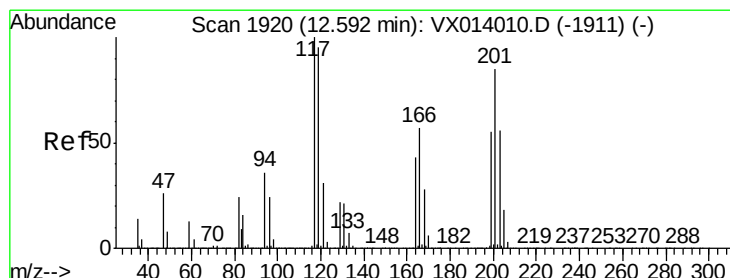
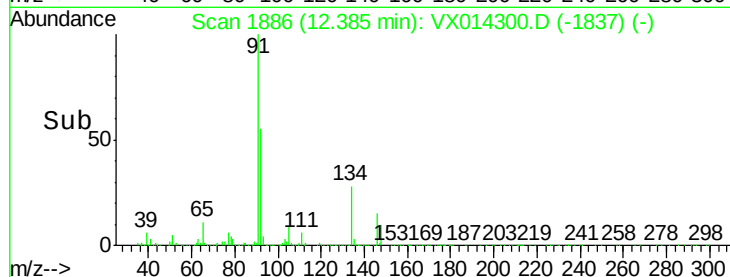
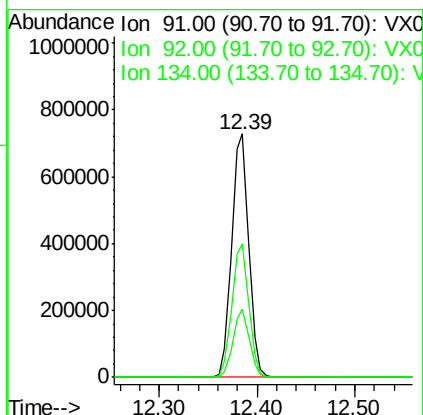
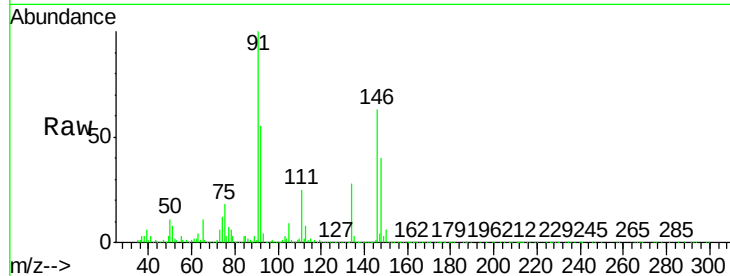




#89
n-Butylbenzene
Concen: 49.174 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

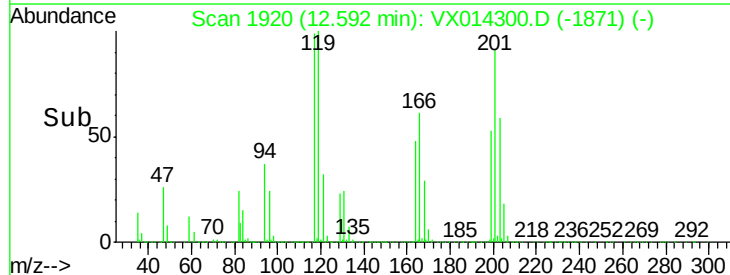
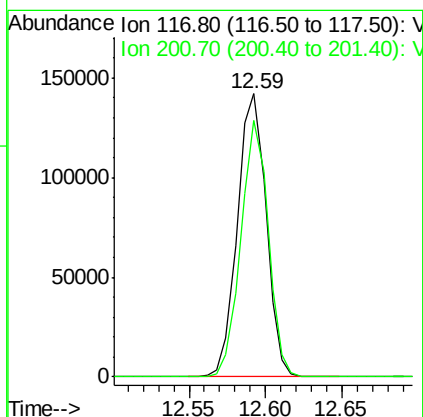
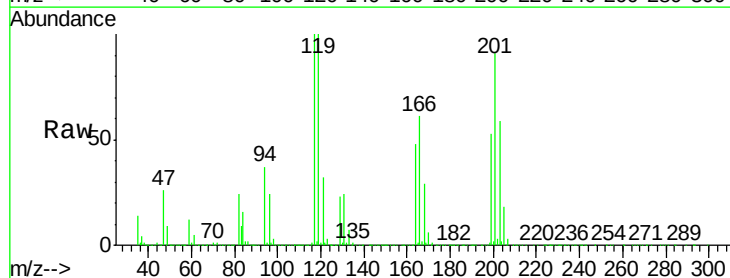
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

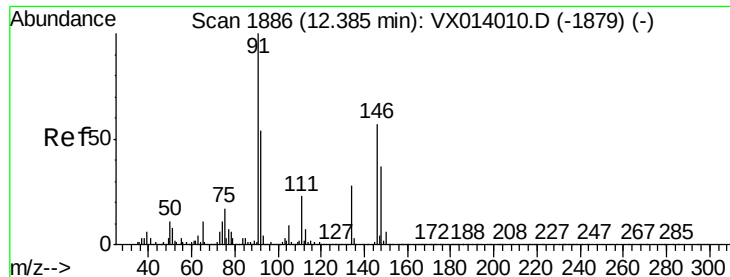
Tgt Ion: 91 Resp: 878290
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 26.7 13.4 40.1



#90
Hexachloroethane
Concen: 49.164 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 117 Resp: 184846
Ion Ratio Lower Upper
117 100
201 86.7 43.1 129.3

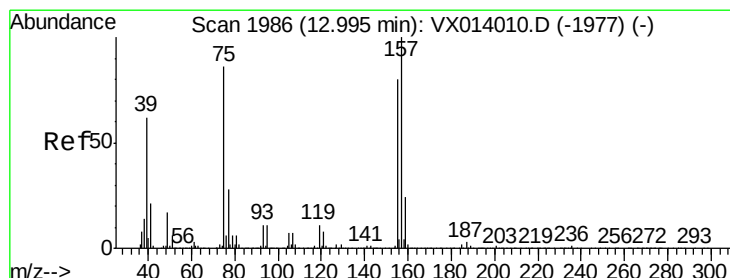
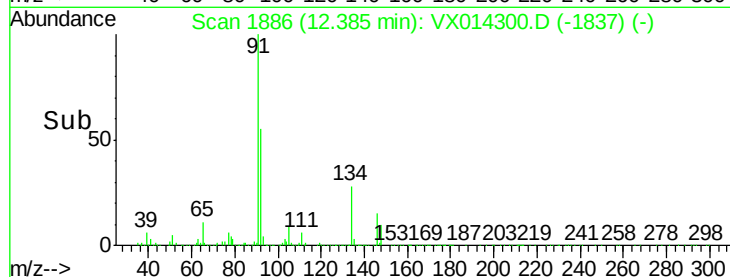
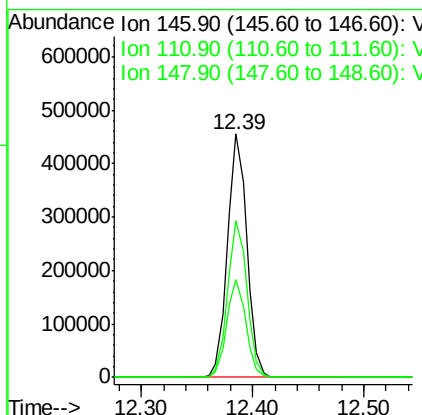
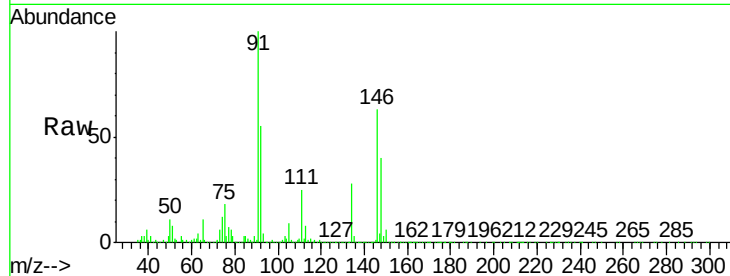




#91
 1,2-Dichlorobenzene
 Concen: 47.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

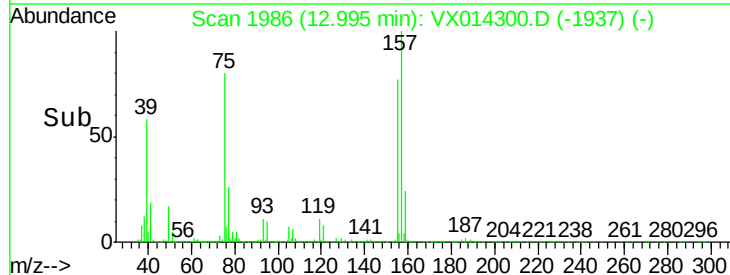
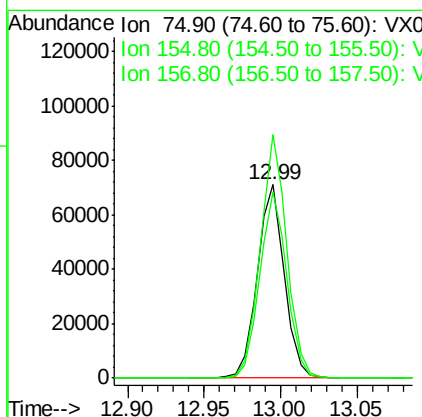
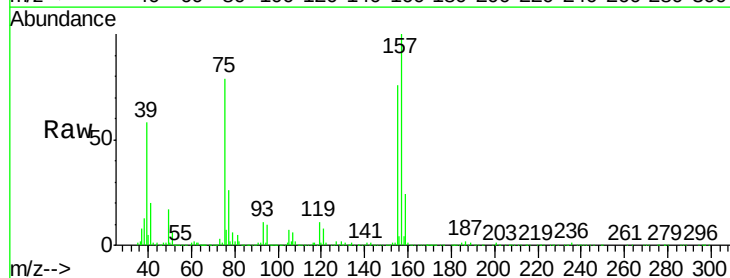
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

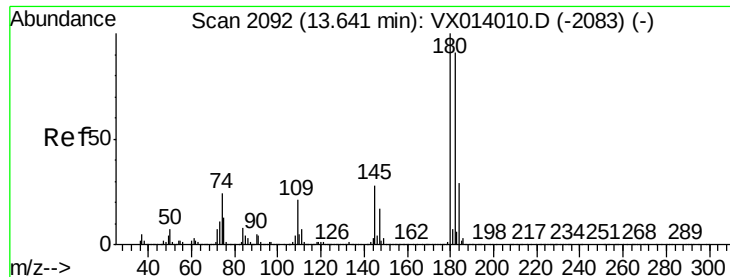
Tgt Ion: 146 Resp: 548753
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.1
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.224 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion: 75 Resp: 87564
 Ion Ratio Lower Upper
 75 100
 155 96.2 46.9 140.6
 157 124.0 60.8 182.4

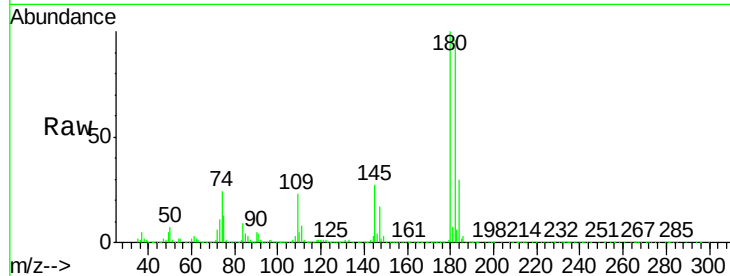




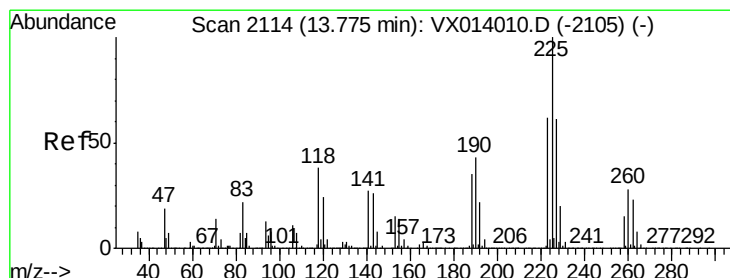
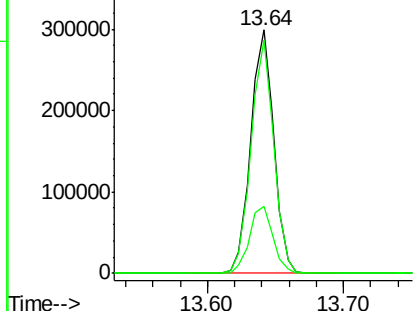
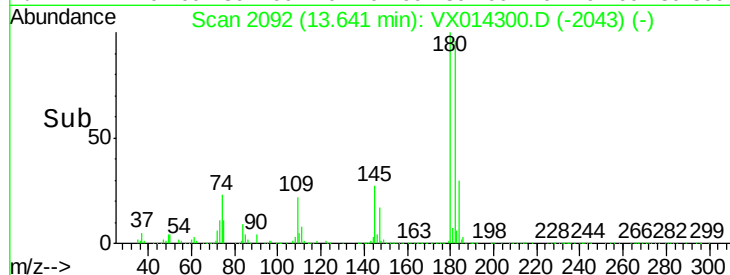
#93
 1,2,4-Trichlorobenzene
 Concen: 47.892 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 357619
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.6 139.8
 145 27.8 14.2 42.6

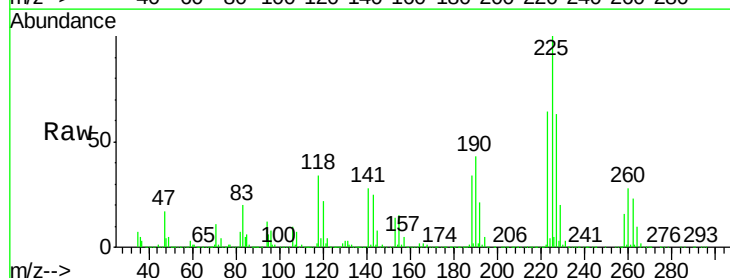


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

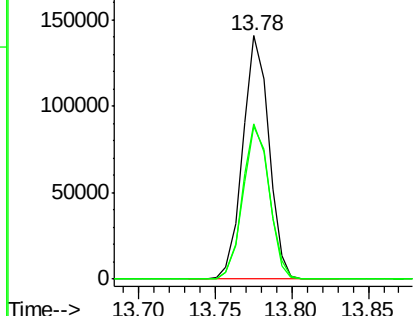
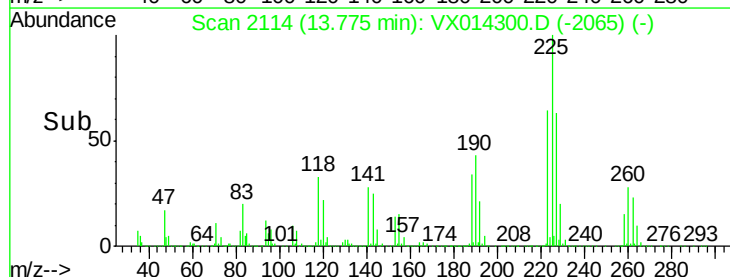


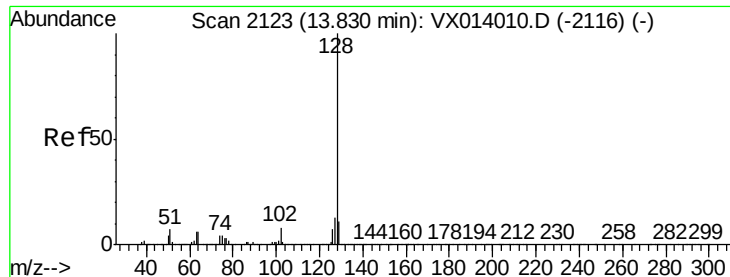
#94
 Hexachlorobutadiene
 Concen: 46.424 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion:225 Resp: 166603
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.9 92.5
 227 64.2 30.9 92.7



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

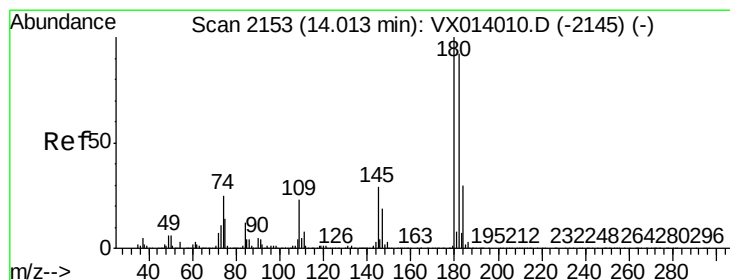
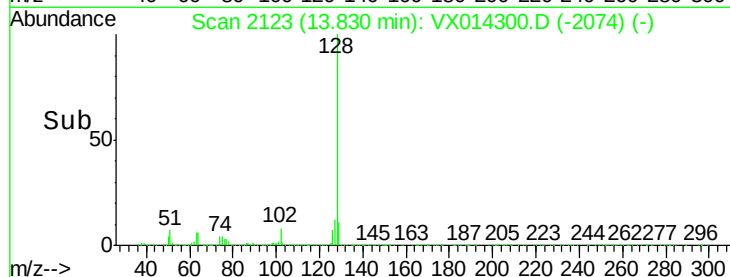
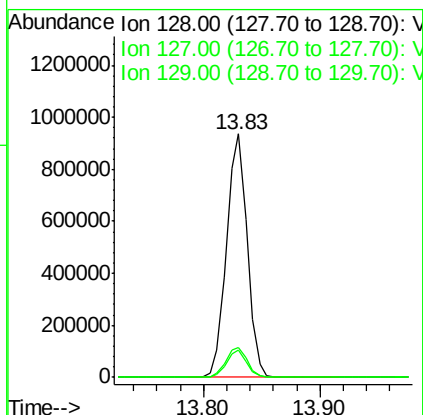
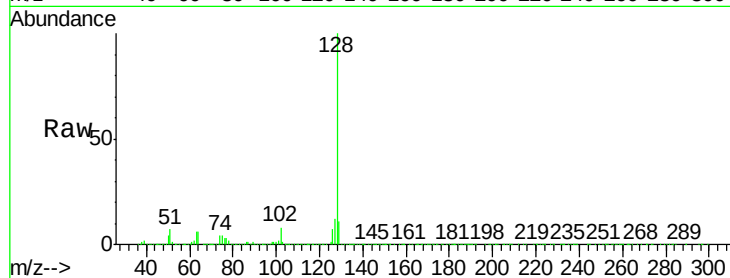




#95
Naphthalene
Concen: 52.452 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1150729
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.080 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion:180 Resp: 369145
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.3
145 29.6 14.8 44.4

