

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014109.D
 Acq On : 18 Dec 2019 20:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 03:04:13 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	519759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	815066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	737264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292306	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.49	113	242330	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	932797	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	331056	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	217351	46.743	ug/l	100
3) Chloromethane	1.32	50	309146	49.541	ug/l	100
4) Vinyl Chloride	1.40	62	322104	48.918	ug/l	99
5) Bromomethane	1.63	94	218916	46.843	ug/l	99
6) Chloroethane	1.71	64	199421	49.071	ug/l	97
7) Trichlorofluoromethane	1.92	101	402349	49.361	ug/l	99
8) Diethyl Ether	2.18	74	185247	48.424	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	241094	49.068	ug/l	100
10) Methyl Iodide	2.50	142	339336	52.245	ug/l	98
11) Tert butyl alcohol	3.03	59	326643	256.622	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246159	49.234	ug/l	99
13) Acrolein	2.28	56	226460	310.805	ug/l	99
14) Allyl chloride	2.72	41	455718	51.050	ug/l	99
15) Acrylonitrile	3.13	53	794627	267.467	ug/l	99
16) Acetone	2.43	43	688020	179.905	ug/l	99
17) Carbon Disulfide	2.56	76	667592	48.125	ug/l	99
18) Methyl Acetate	2.76	43	403611	53.260	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	839606	51.104	ug/l	100
20) Methylene Chloride	2.85	84	289741	48.111	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	270090	49.034	ug/l	98
22) Diisopropyl ether	3.84	45	924175	51.952	ug/l	99
23) Vinyl Acetate	3.80	43	4039485	278.261	ug/l	100
24) 1,1-Dichloroethane	3.69	63	492395	49.751	ug/l	99
25) 2-Butanone	4.65	43	1114309	236.333	ug/l	98
26) 2,2-Dichloropropane	4.58	77	365407	47.552	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	311561	50.014	ug/l	98
28) Bromochloromethane	5.01	49	210539	55.265	ug/l	97
29) Tetrahydrofuran	5.11	42	721547	273.602	ug/l	98
30) Chloroform	5.20	83	475688	50.701	ug/l	99
31) Cyclohexane	5.58	56	445074	50.562	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	395255	49.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	359054	48.010	ug/l	100
37) Ethyl Acetate	4.82	43	437133	52.931	ug/l	99
38) Carbon Tetrachloride	5.78	117	339049	49.765	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	443113	47.985	ug/l	97
40) Benzene	6.14	78	1122919	48.799	ug/l	98
41) Methacrylonitrile	5.03	41	241656	52.737	ug/l	96
42) 1,2-Dichloroethane	6.19	62	385136	49.375	ug/l	99
43) Isopropyl Acetate	6.44	43	700223	51.233	ug/l	100
44) Trichloroethene	7.20	130	300094	47.215	ug/l	96
45) 1,2-Dichloropropane	7.51	63	293419	49.749	ug/l	99
46) Dibromomethane	7.65	93	186843	47.916	ug/l	99
47) Bromodichloromethane	7.89	83	369798	50.354	ug/l	98
48) Methyl methacrylate	7.76	41	345045	51.556	ug/l	99
49) 1,4-Dioxane	7.73	88	140063	1028.388	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2223569	259.053	ug/l	100
52) Toluene	8.78	92	705311	48.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	417914	51.897	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	461817	51.477	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	291648	50.031	ug/l	99
56) Ethyl methacrylate	9.17	69	469616	51.286	ug/l	100
57) 1,3-Dichloropropane	9.37	76	489552	49.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	914095	263.786	ug/l	100
59) 2-Hexanone	9.48	43	1698385	245.797	ug/l	99
60) Dibromochloromethane	9.57	129	301840	52.092	ug/l	99
61) 1,2-Dibromoethane	9.67	107	298696	50.081	ug/l	99
64) Tetrachloroethene	9.33	164	285065	43.696	ug/l	98
65) Chlorobenzene	10.14	112	748493	47.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	280263	50.072	ug/l	99
67) Ethyl Benzene	10.25	91	1327274	49.248	ug/l	99
68) m/p-Xylenes	10.36	106	1018895	98.295	ug/l	100
69) o-Xylene	10.70	106	493415	48.535	ug/l	99
70) Styrene	10.71	104	848544	49.361	ug/l	99
71) Bromoform	10.85	173	230509	51.233	ug/l	99
73) Isopropylbenzene	11.01	105	1307081	50.592	ug/l	99
74) N-amyl acetate	10.89	43	619408	51.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	450552	50.301	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	512532	64.337	ug/l	87
77) Bromobenzene	11.25	156	333351	46.896	ug/l	98
78) n-propylbenzene	11.35	91	1477197	50.974	ug/l	100
79) 2-Chlorotoluene	11.42	91	864455	49.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1086941	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	150647	53.375	ug/l	99
82) 4-Chlorotoluene	11.51	91	997540	48.818	ug/l	99
83) tert-Butylbenzene	11.76	119	1069237	50.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1083945	49.780	ug/l	100
85) sec-Butylbenzene	11.94	105	1252495	50.140	ug/l	100
86) p-Isopropyltoluene	12.06	119	1150049	50.330	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	593116	47.609	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588226	46.436	ug/l	100
89) n-Butylbenzene	12.39	91	990574	50.806	ug/l	100
90) Hexachloroethane	12.59	117	205982	50.187	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	589246	46.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94532	47.692	ug/l	96

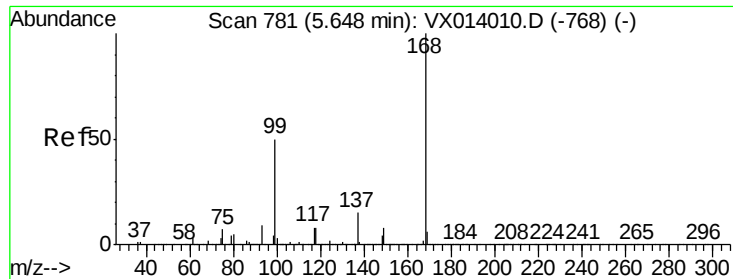
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389016	47.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	178702	45.617	ug/l	96
95) Naphthalene	13.83	128	1227171	51.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400883	49.821	ug/l	99

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

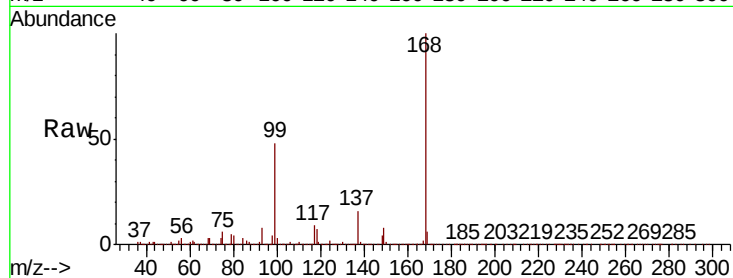


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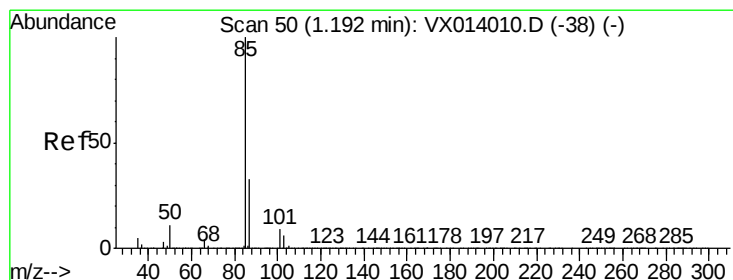
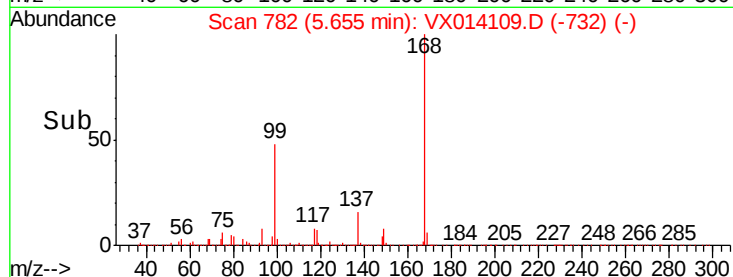
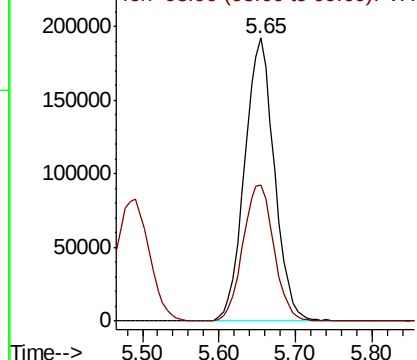
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:168 Resp: 519759
 Ion Ratio Lower Upper
 168 100
 99 48.0 40.3 60.5



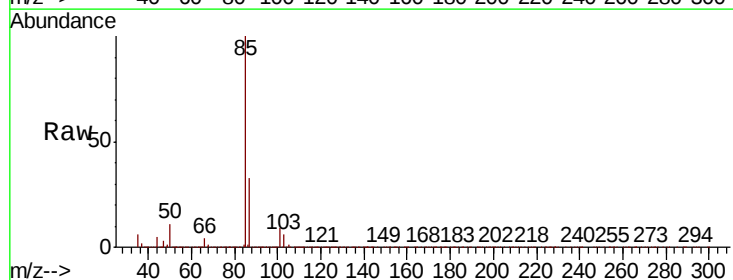
Abundance Ion 167.90 (167.60 to 168.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



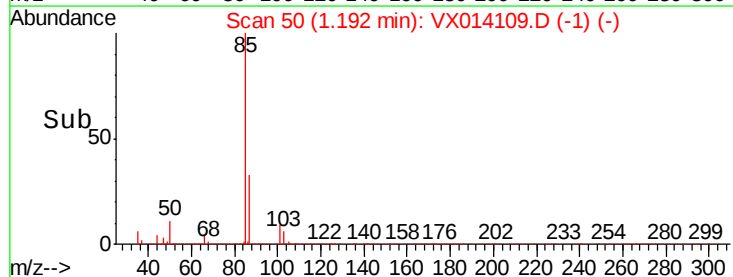
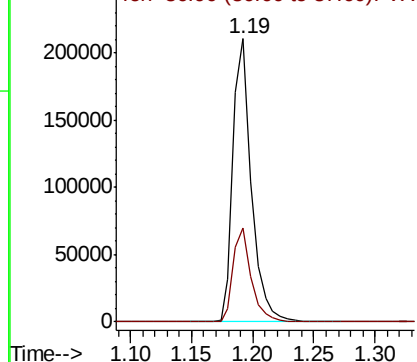
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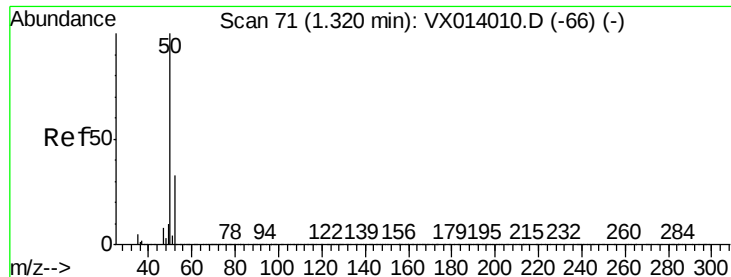
Dichlorodifluoromethane
 Concen: 46.743 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion: 85 Resp: 217351
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.541 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

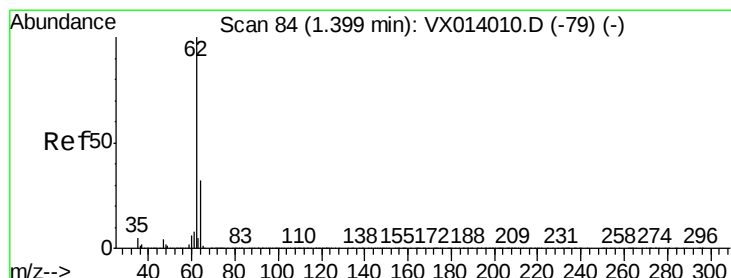
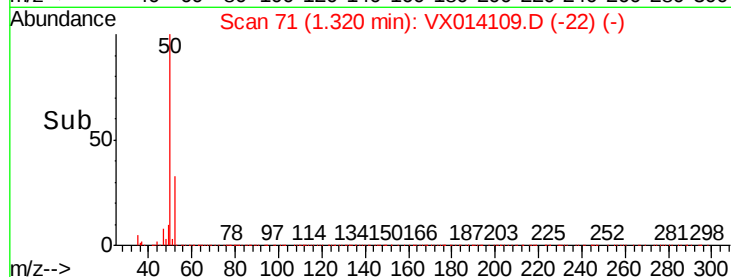
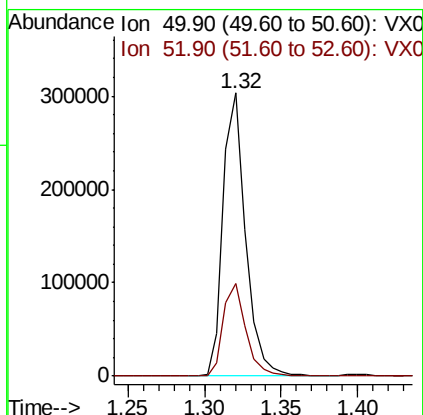
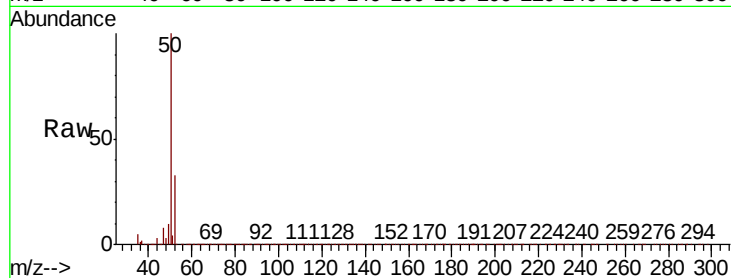
VSTDCCC050EC

Tot Ion: 50 Resp: 309146

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.4



#4

Vinyl Chloride

Concen: 48.918 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014109.D

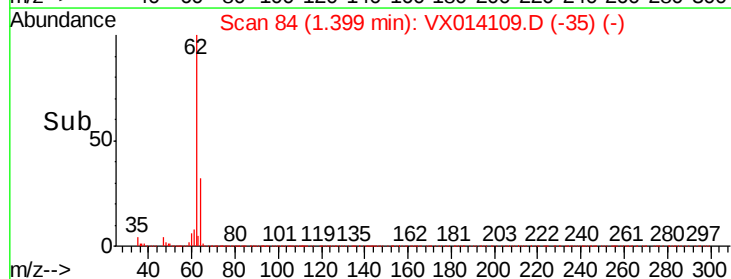
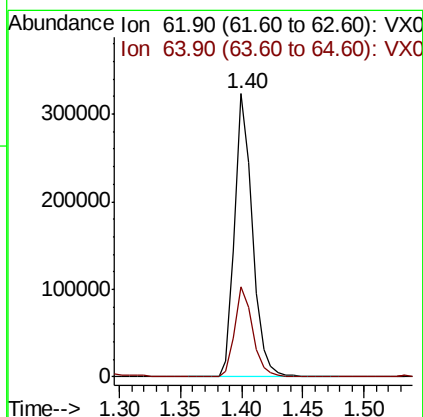
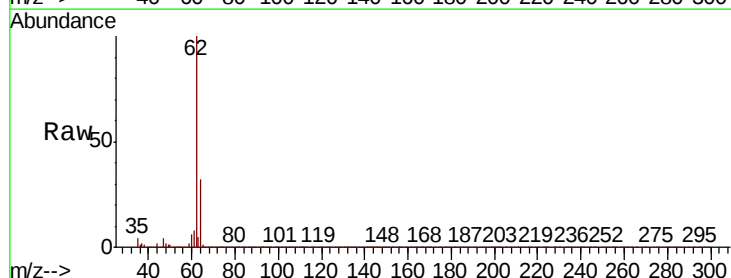
Acq: 18 Dec 2019 20:04

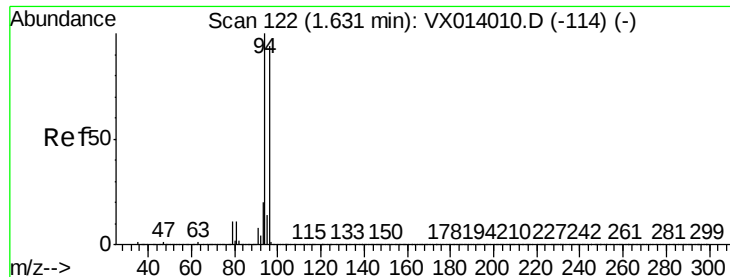
Tgt Ion: 62 Resp: 322104

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 46.843 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

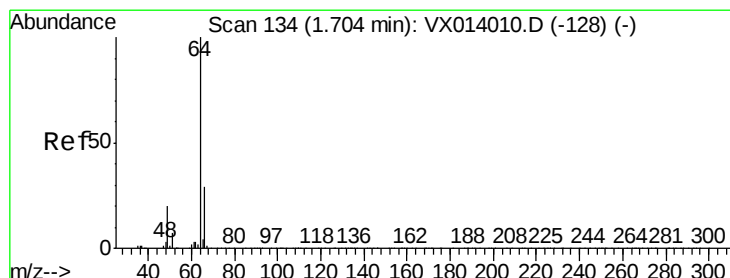
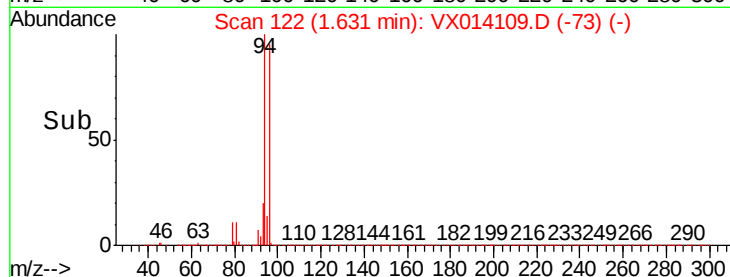
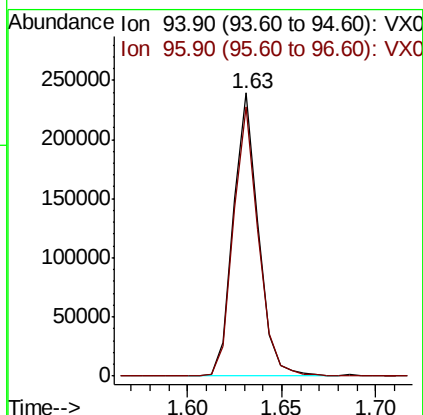
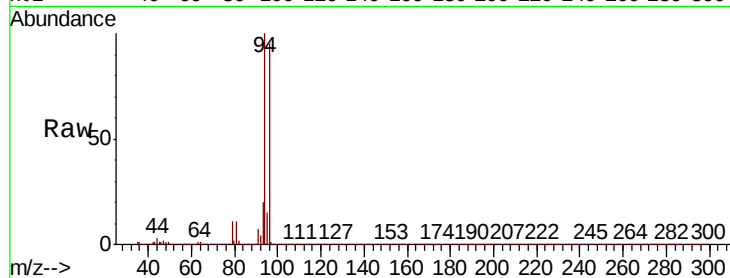
VSTDCCC050EC

Tot Ion: 94 Resp: 218916

Ion Ratio Lower Upper

94 100

96 95.3 75.2 112.8



#6

Chloroethane

Concen: 49.071 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014109.D

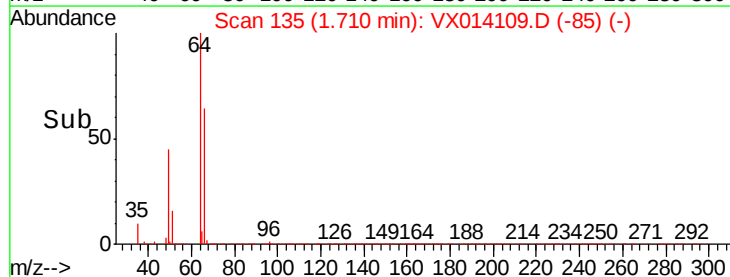
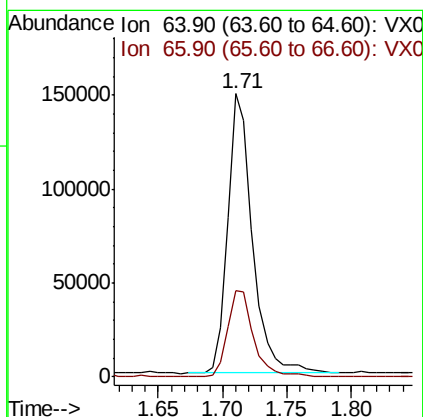
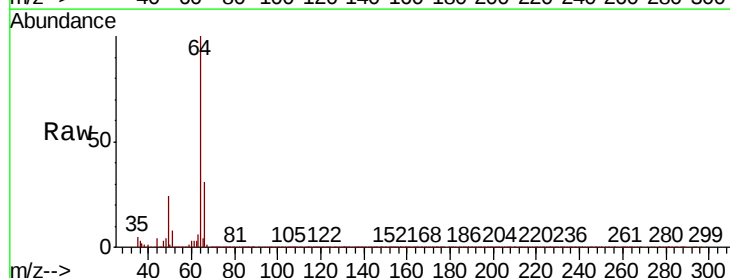
Acq: 18 Dec 2019 20:04

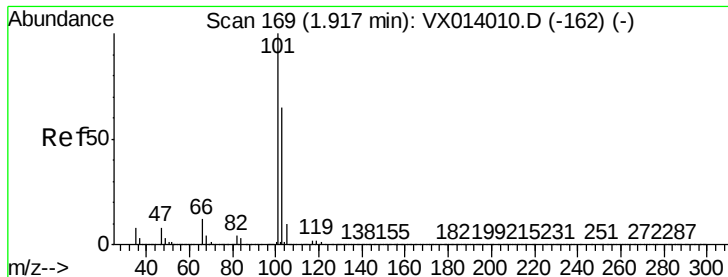
Tgt Ion: 64 Resp: 199421

Ion Ratio Lower Upper

64 100

66 30.8 23.4 35.2



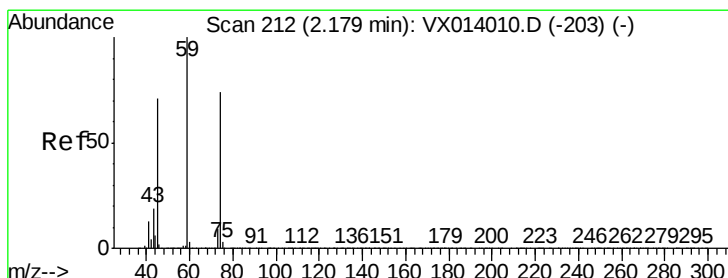
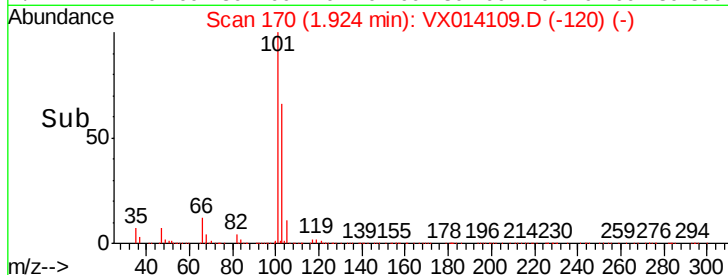
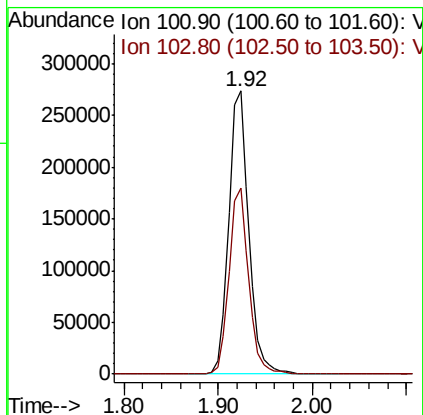
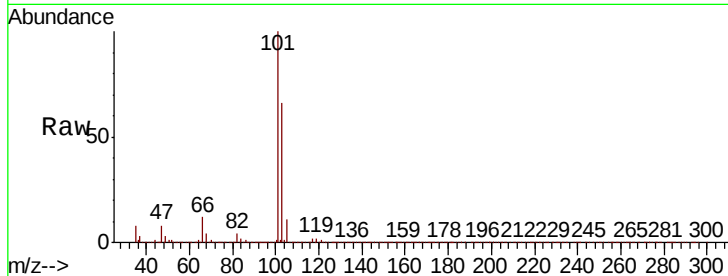


#7

Trichlorofluoromethane
Concen: 49.361 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

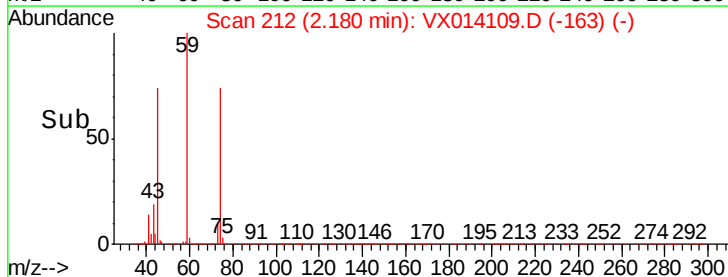
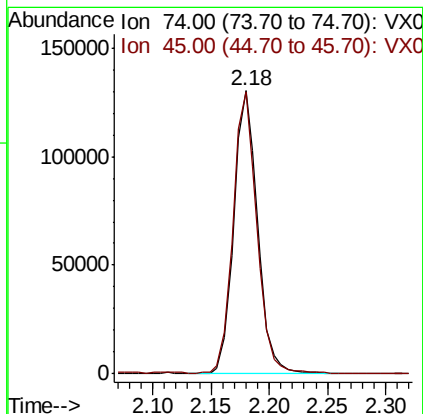
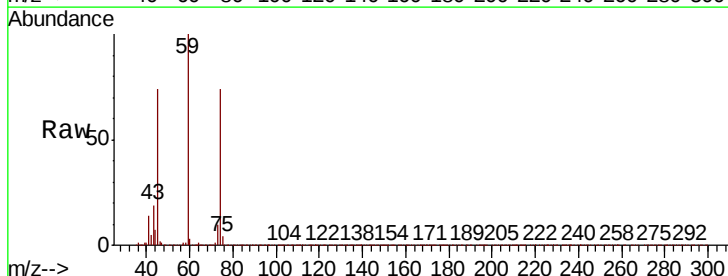
Tot Ion:101 Resp: 402349
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4



#8

Diethyl Ether
Concen: 48.424 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 74 Resp: 185247
Ion Ratio Lower Upper
74 100
45 99.2 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.068 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

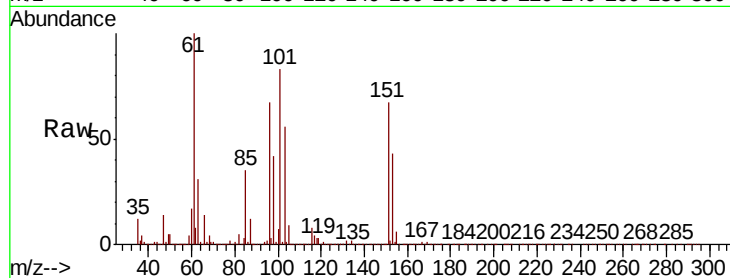
Tot Ion:101 Resp: 241094

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

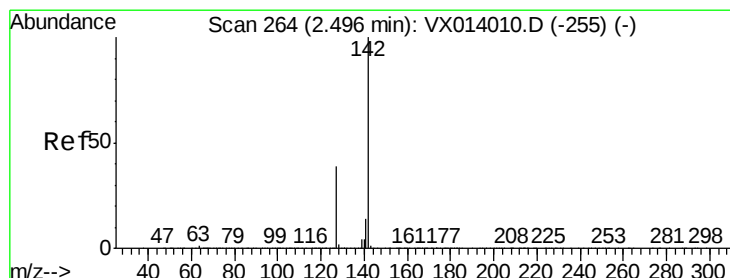
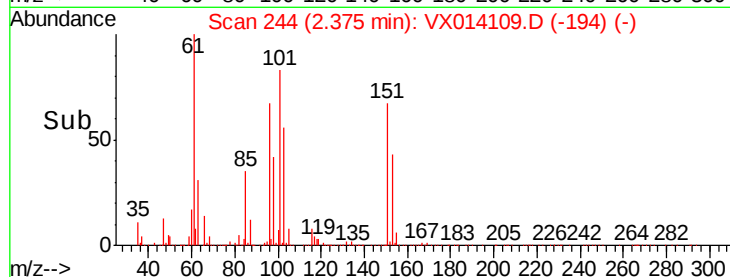
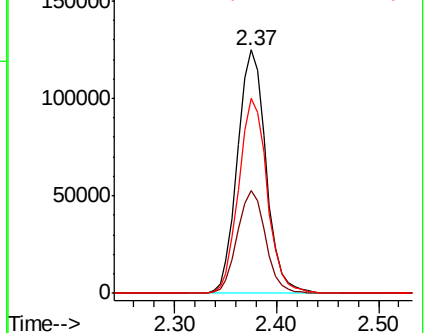
151 80.3 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.245 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

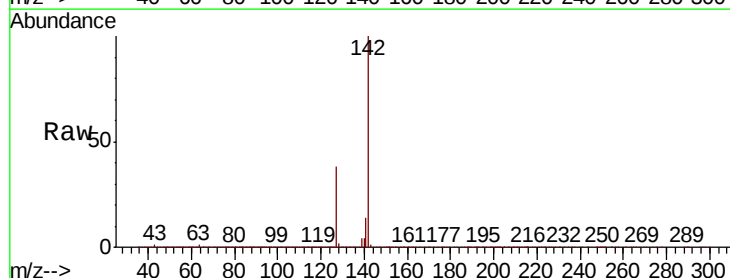
Tgt Ion:142 Resp: 339336

Ion Ratio Lower Upper

142 100

127 38.2 31.6 47.4

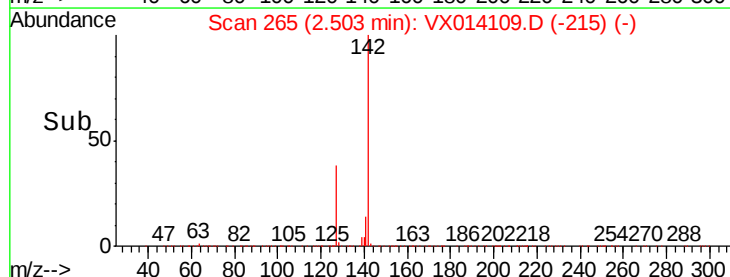
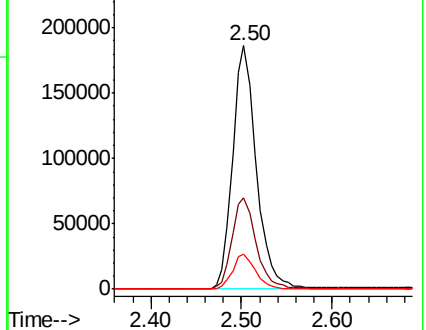
141 14.0 11.6 17.4

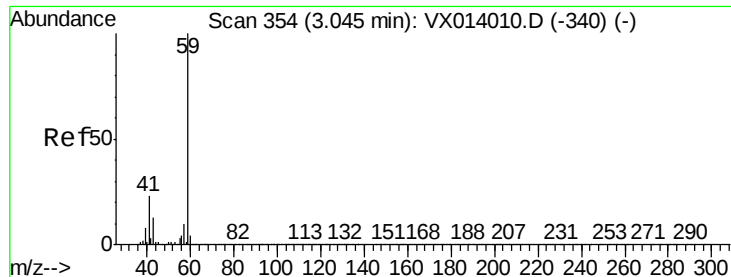


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



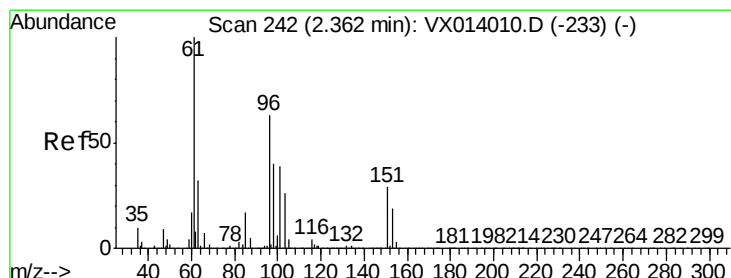
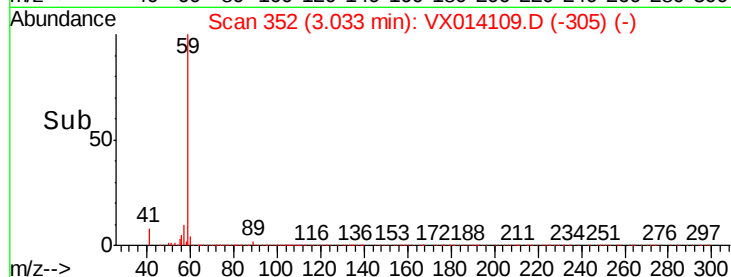
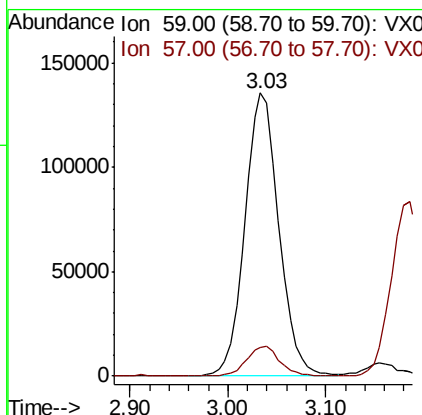
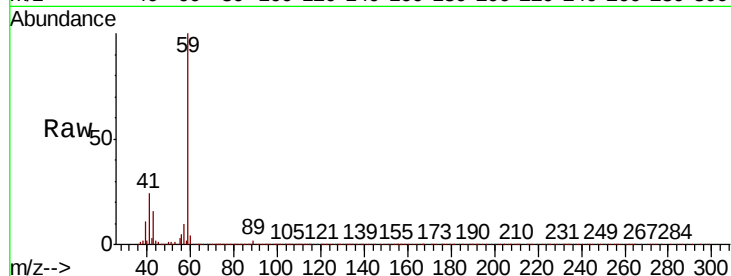


#11

Tert butyl alcohol
 Concen: 256.622 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

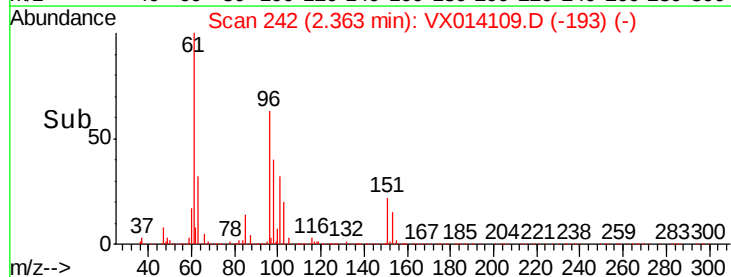
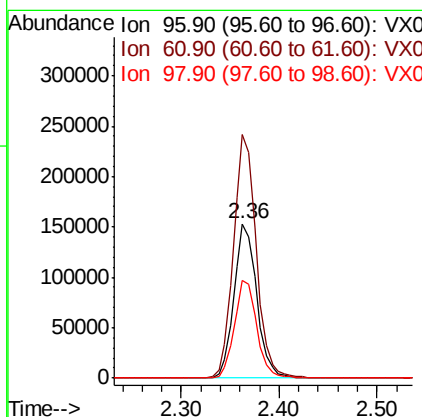
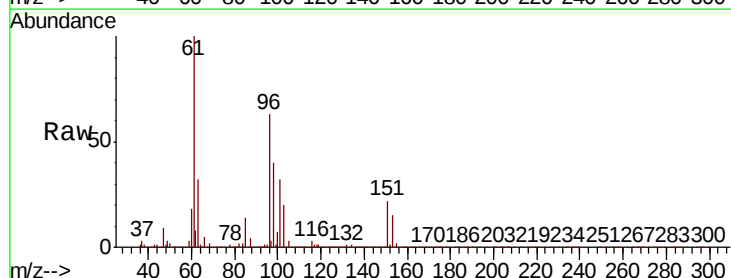
Tot Ion: 59 Resp: 326643
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

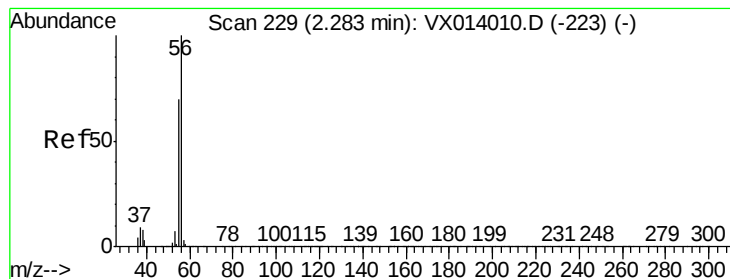


#12

1,1-Dichloroethene
 Concen: 49.234 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion: 96 Resp: 246159
 Ion Ratio Lower Upper
 96 100
 61 157.5 127.9 191.9
 98 63.4 50.5 75.7





#13

Acrolein

Concen: 310.805 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

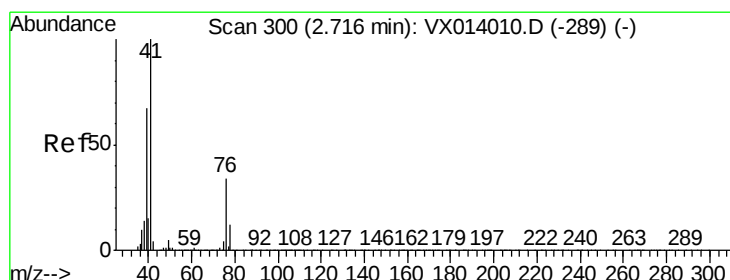
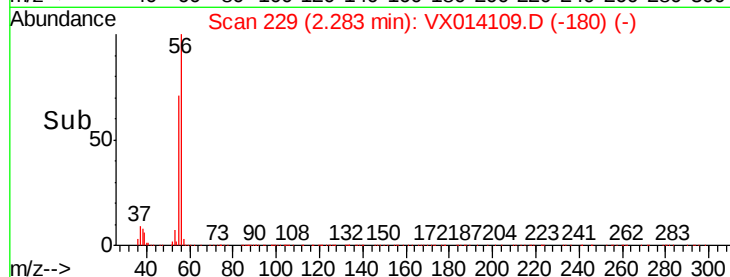
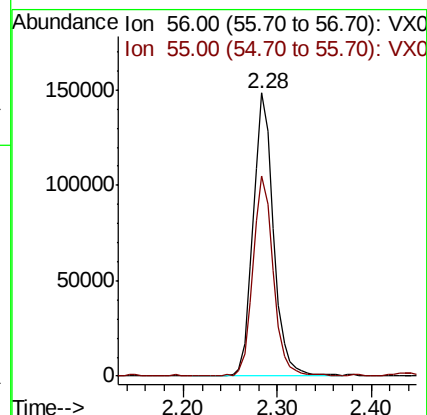
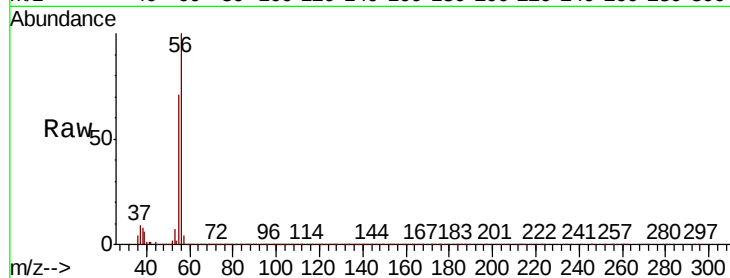
VSTDCCC050EC

Tot Ion: 56 Resp: 226460

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 51.050 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

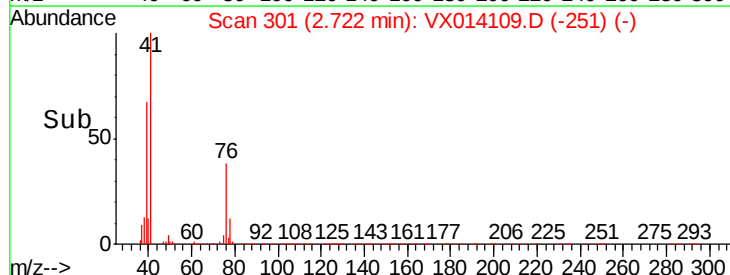
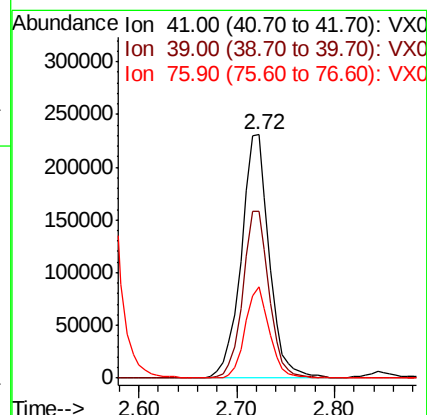
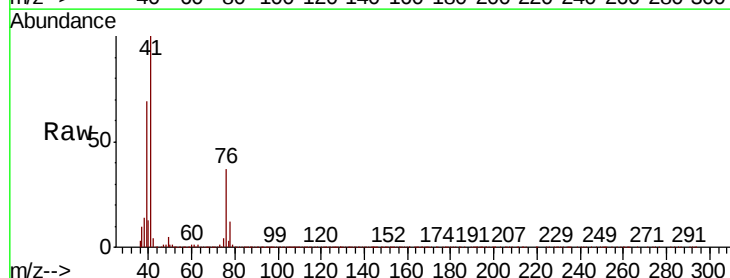
Tgt Ion: 41 Resp: 455718

Ion Ratio Lower Upper

41 100

39 64.2 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 267.467 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

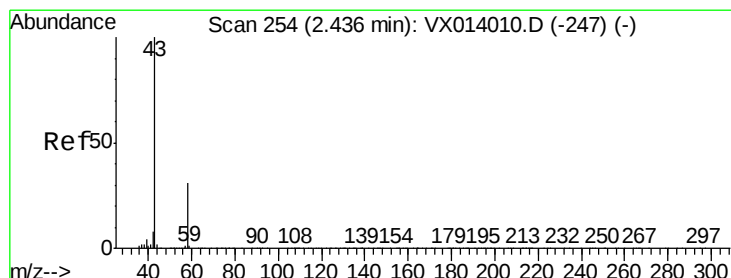
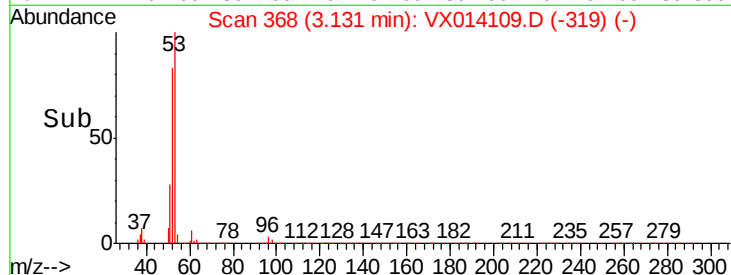
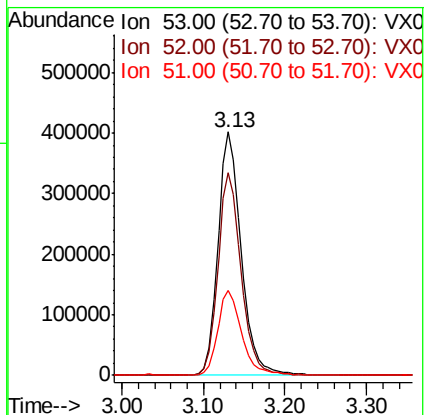
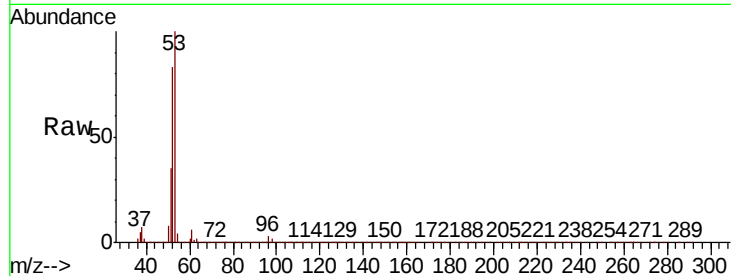
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 794627

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.5	99.7
51	35.9	28.1	42.1



#16

Acetone

Concen: 179.905 ug/l

RT: 2.43 min Scan# 253

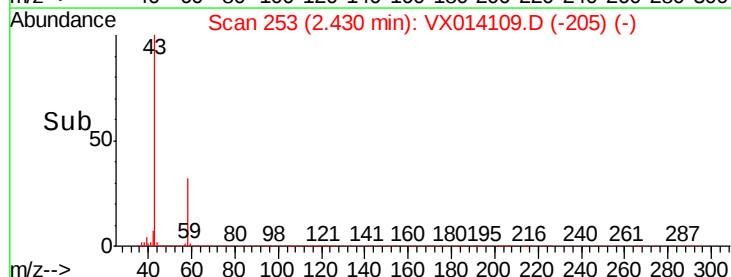
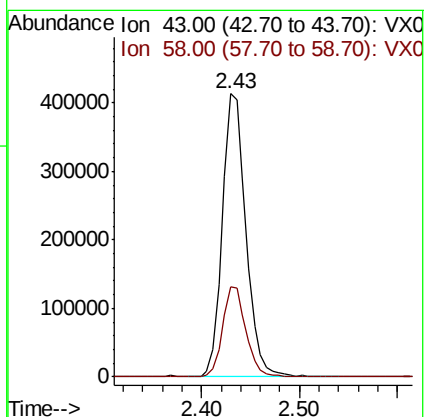
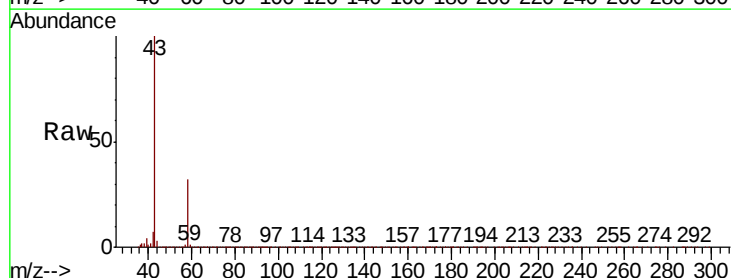
Delta R.T. -0.01 min

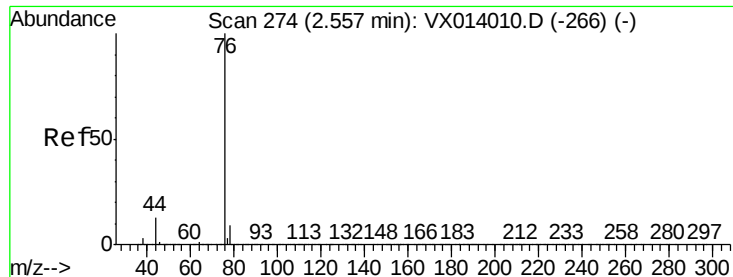
Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion: 43 Resp: 688020

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.9	37.3

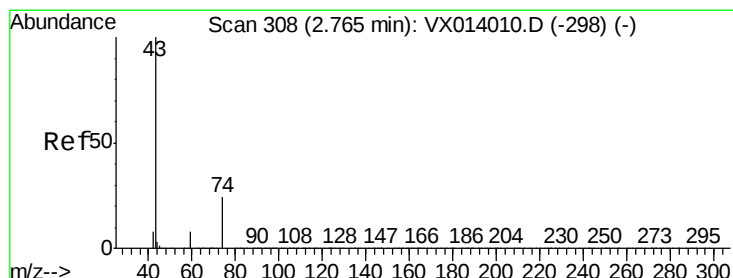
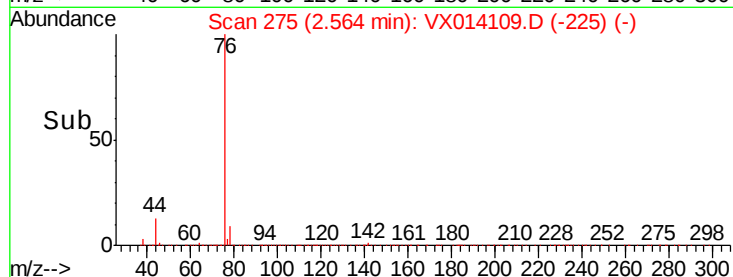
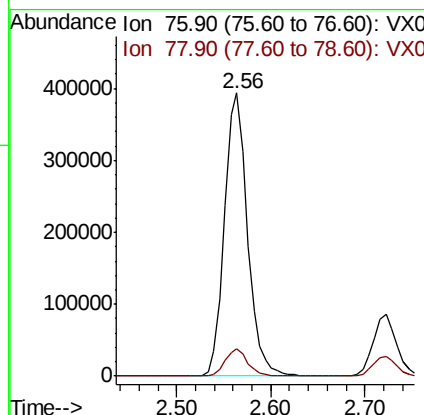
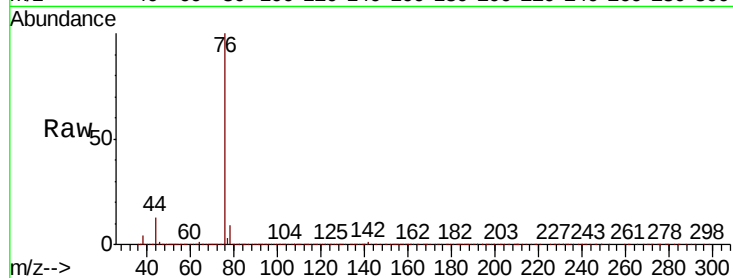




#17
Carbon Disulfide
Concen: 48.125 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

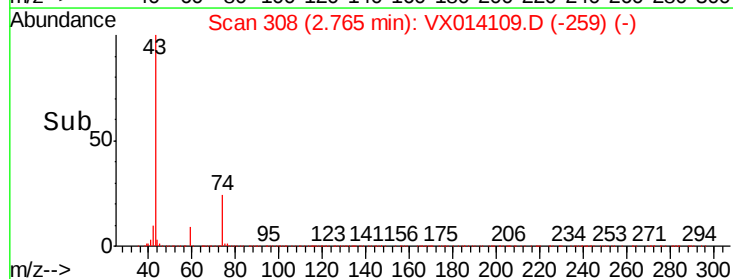
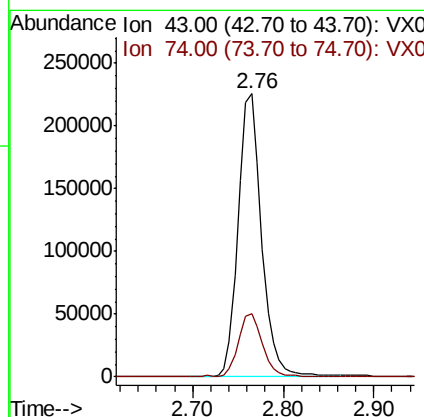
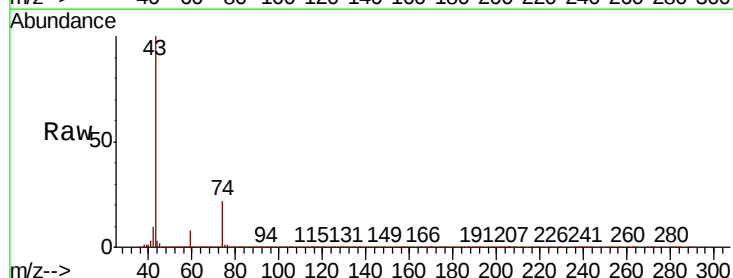
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

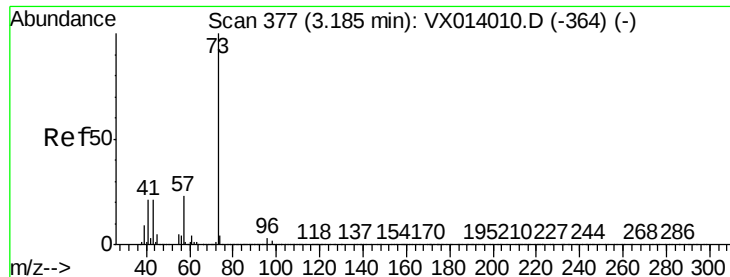
Tot Ion: 76 Resp: 667592
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 53.260 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 43 Resp: 403611
Ion Ratio Lower Upper
43 100
74 23.1 19.5 29.3

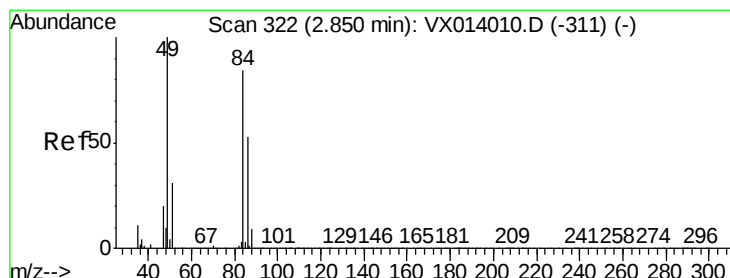
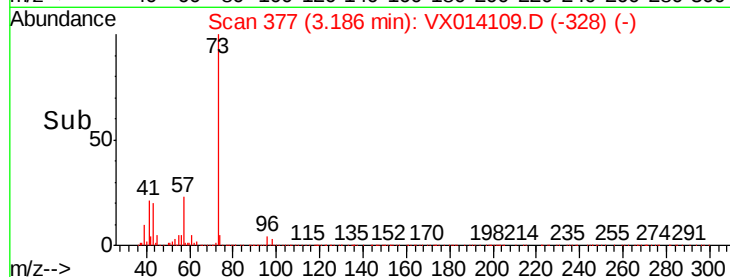
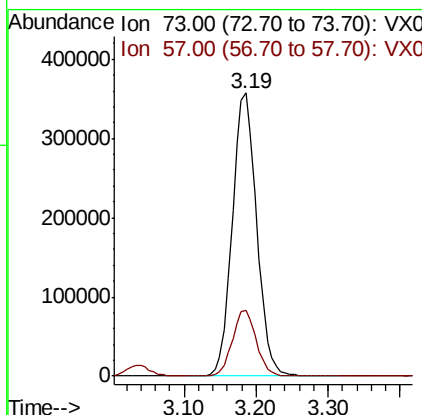
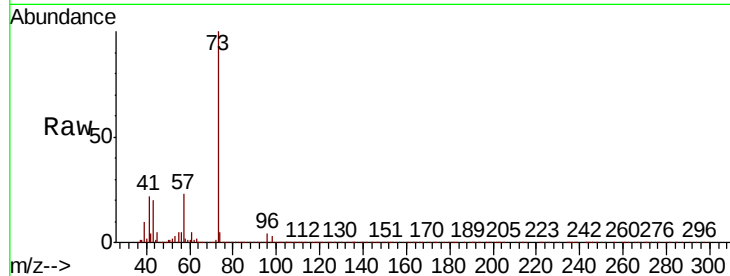




#19
Methyl tert-butyl Ether
Concen: 51.104 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

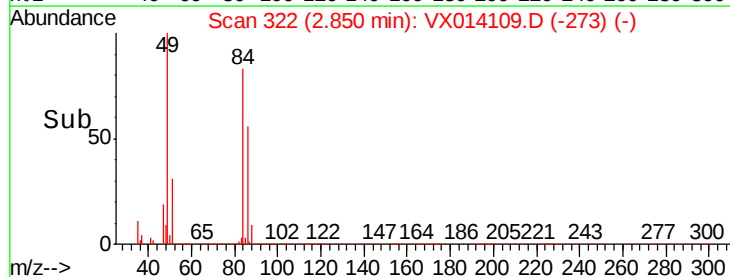
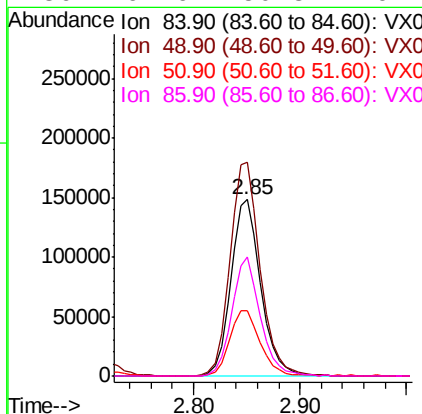
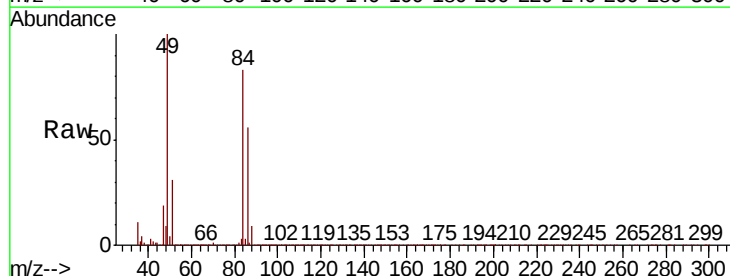
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 839606
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2



#20
Methylene Chloride
Concen: 48.111 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 84 Resp: 289741
Ion Ratio Lower Upper
84 100
49 121.2 95.8 143.6
51 36.9 29.8 44.8
86 67.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.034 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

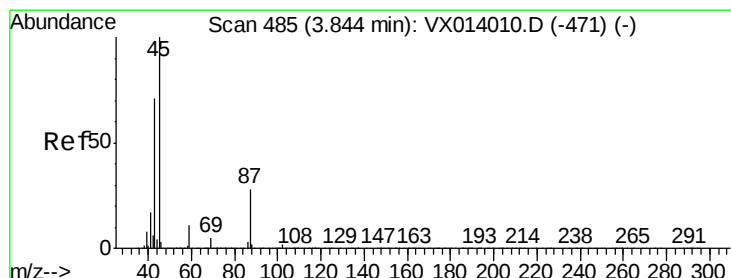
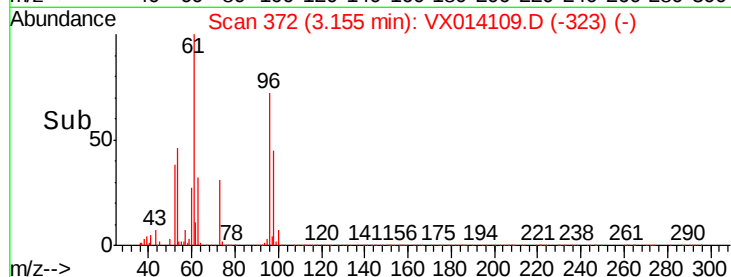
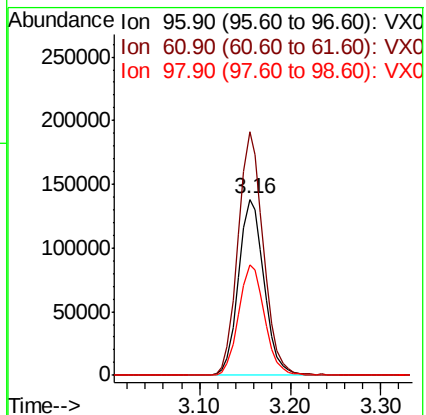
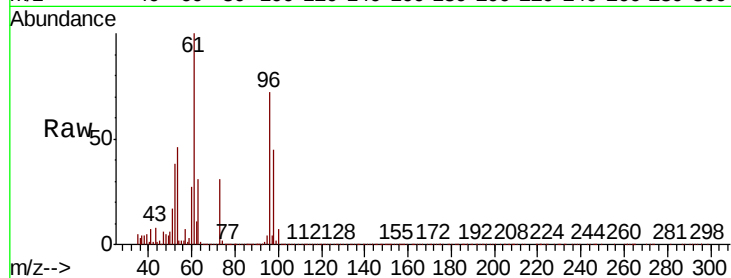
Tot Ion: 96 Resp: 270090

Ion Ratio Lower Upper

96 100

61 138.0 108.3 162.5

98 62.6 50.8 76.2



#22

Diisopropyl ether

Concen: 51.952 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion: 45 Resp: 924175

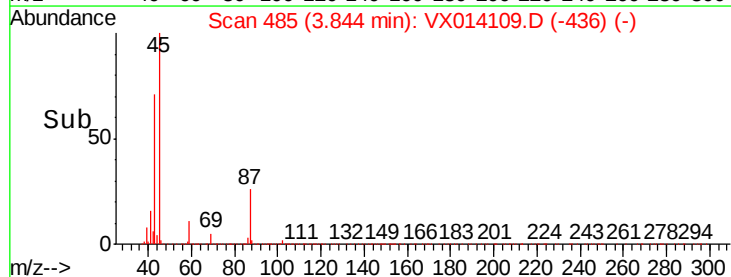
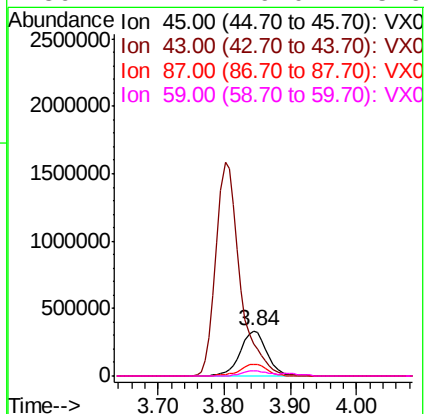
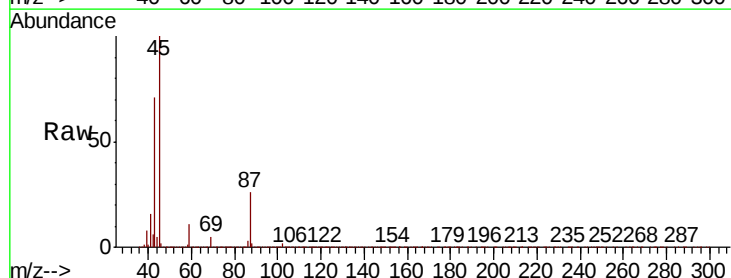
Ion Ratio Lower Upper

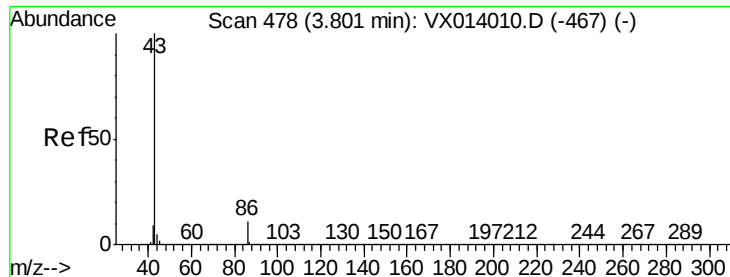
45 100

43 70.6 57.4 86.0

87 26.2 21.9 32.9

59 11.2 9.0 13.6

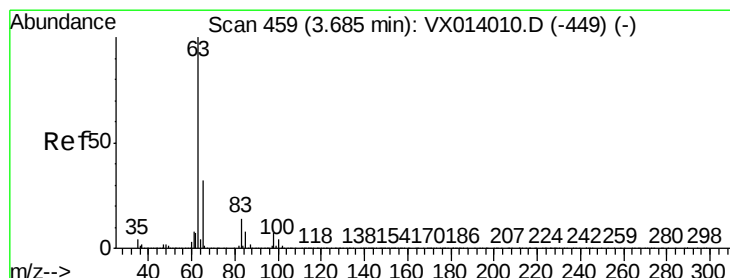
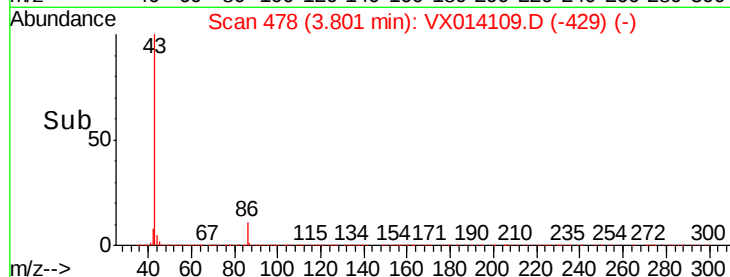
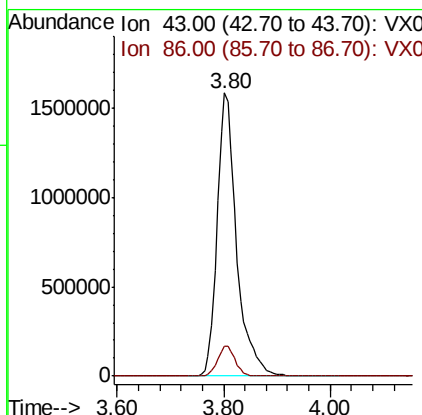
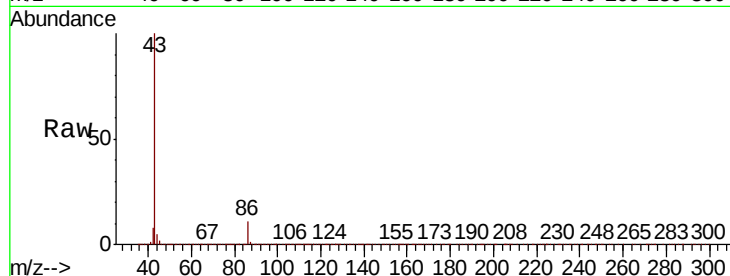




#23
 Vinyl Acetate
 Concen: 278.261 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

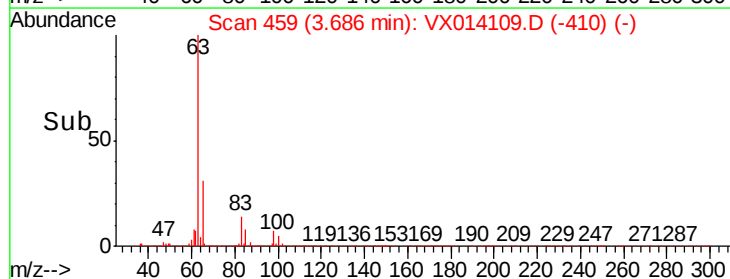
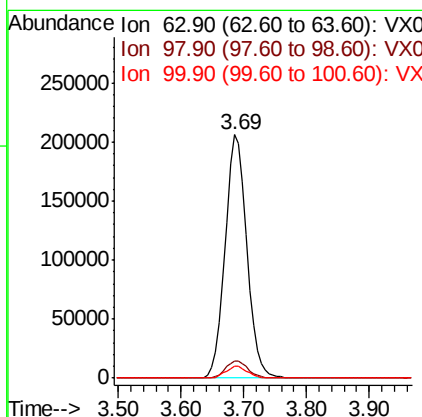
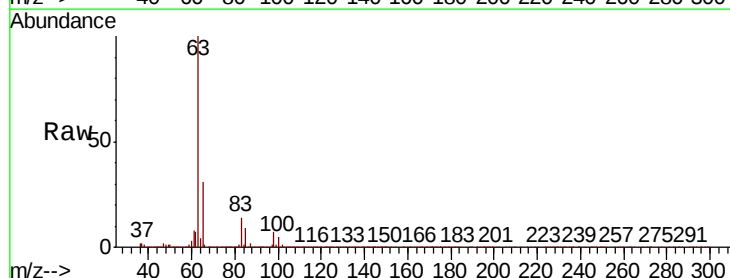
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

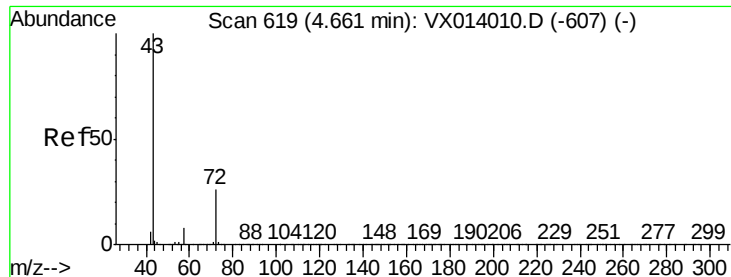
Tot Ion: 43 Resp: 4039485
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.751 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion: 63 Resp: 492395
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 236.333 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

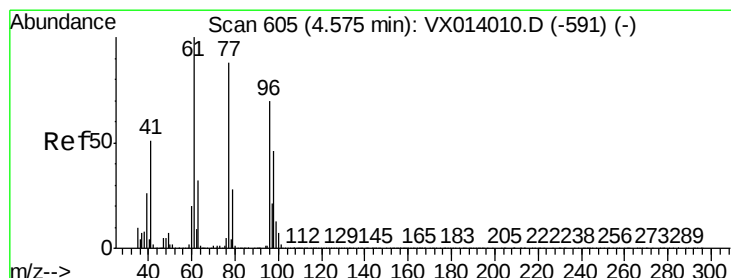
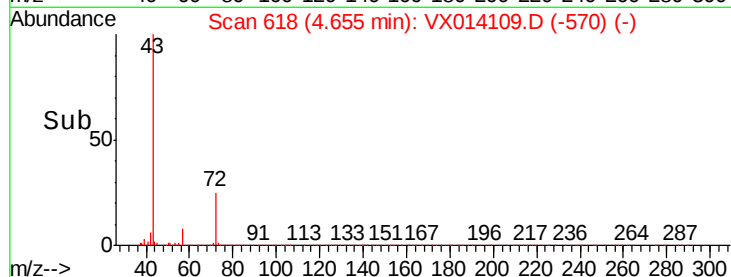
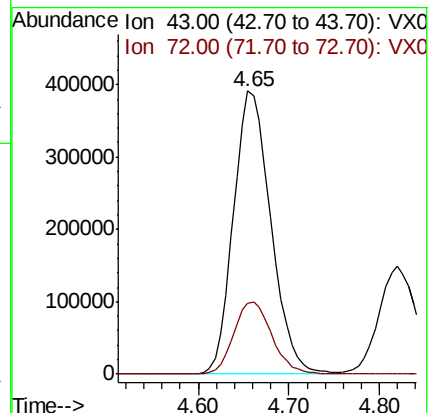
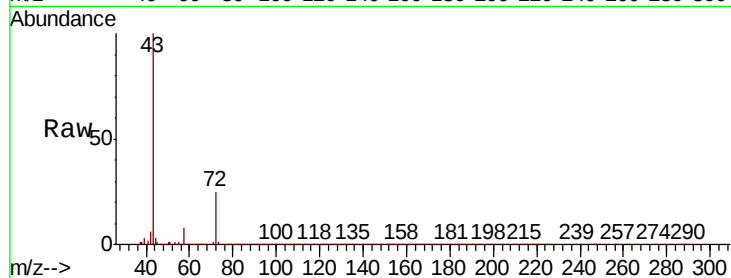
VSTDCCC050EC

Tot Ion: 43 Resp: 1114309

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.552 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014109.D

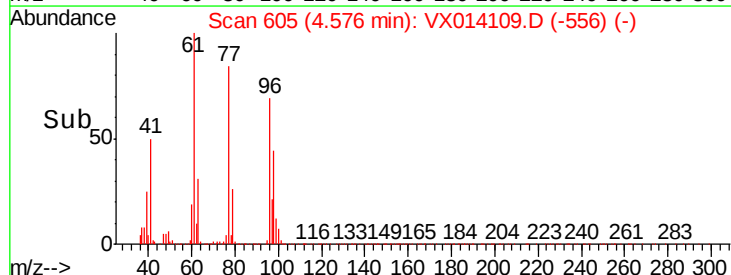
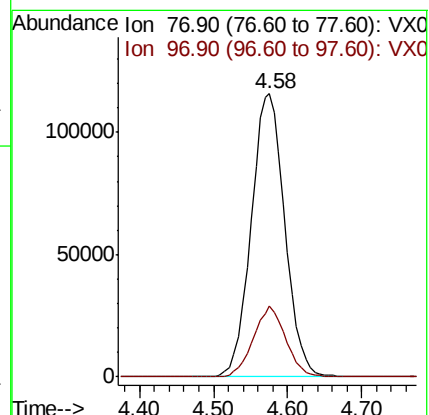
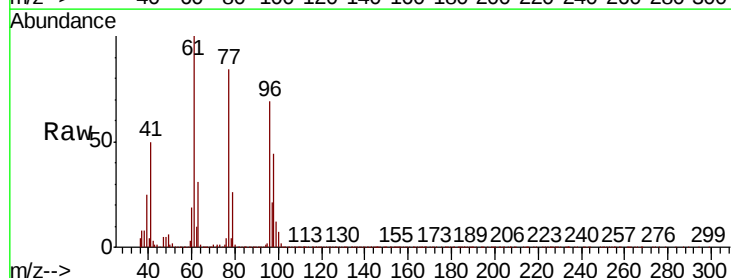
Acq: 18 Dec 2019 20:04

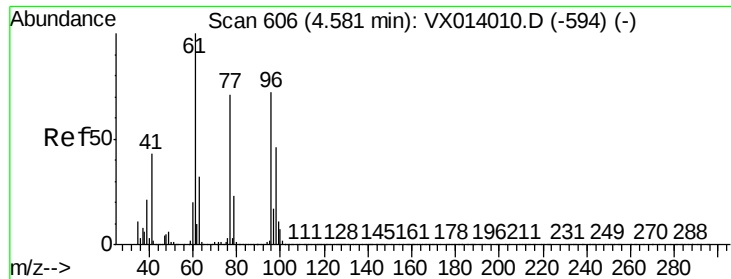
Tgt Ion: 77 Resp: 365407

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9



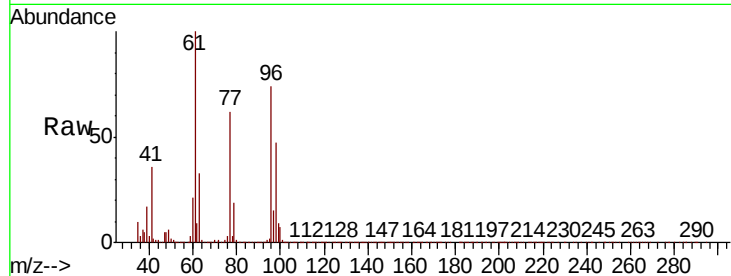


#27

cis-1,2-Dichloroethene
Concen: 50.014 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	288.4
98	65.6	0.0	129.6

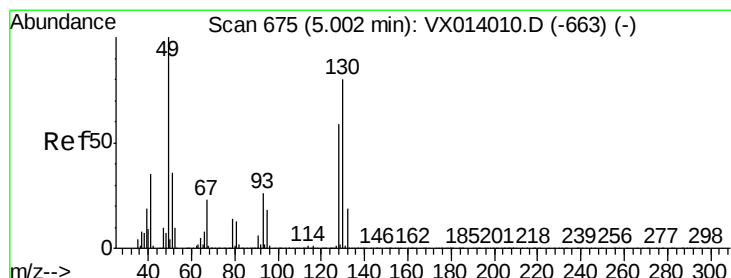
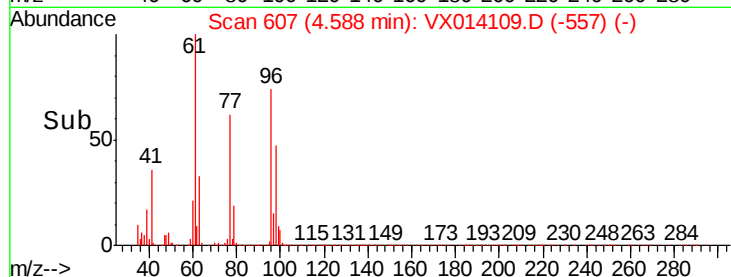
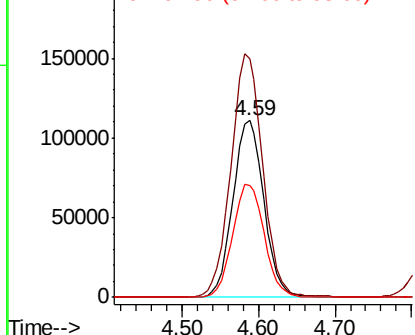


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

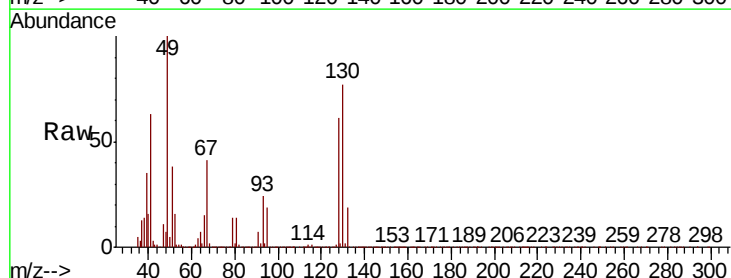
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 55.265 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	77.9	64.6	97.0

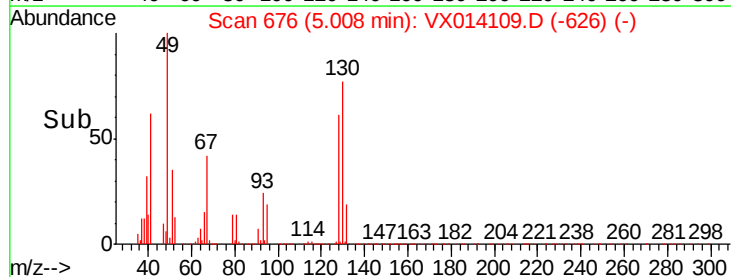
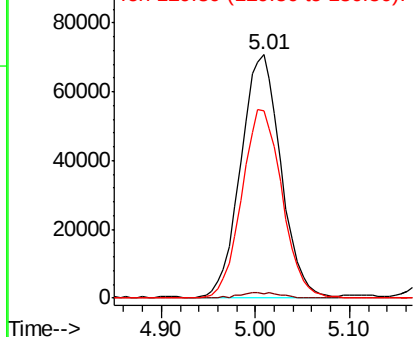


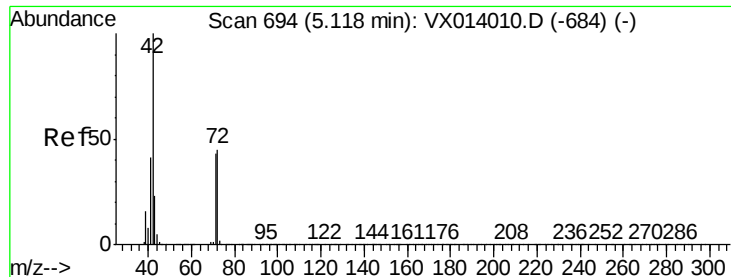
Abundance

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: 273.602 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

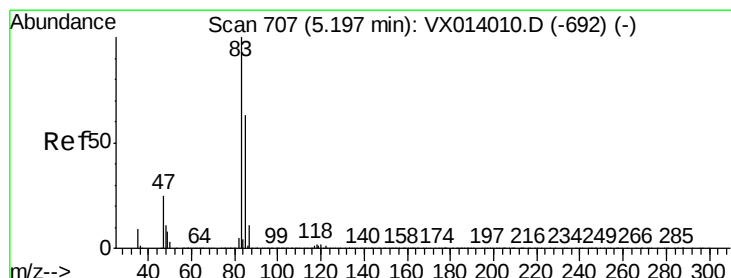
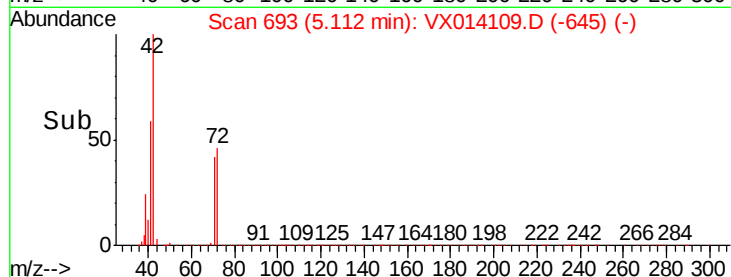
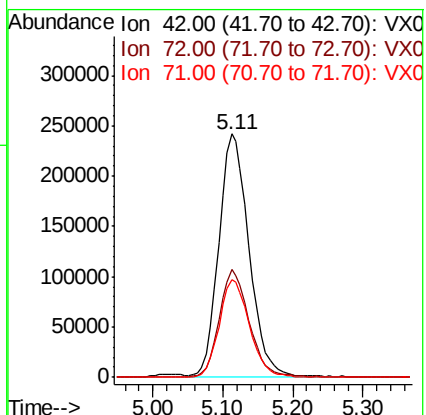
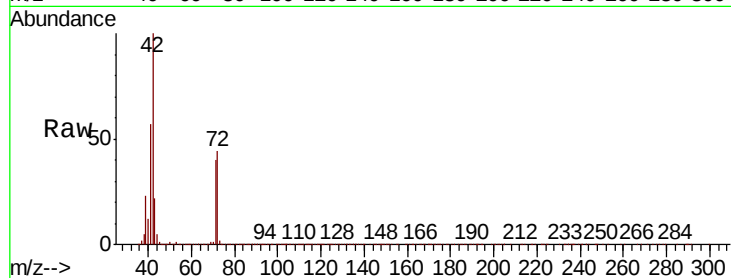
Tot Ion: 42 Resp: 721547

Ion Ratio Lower Upper

42 100

72 43.6 35.8 53.8

71 40.4 33.6 50.4



#30

Chloroform

Concen: 50.701 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX014109.D

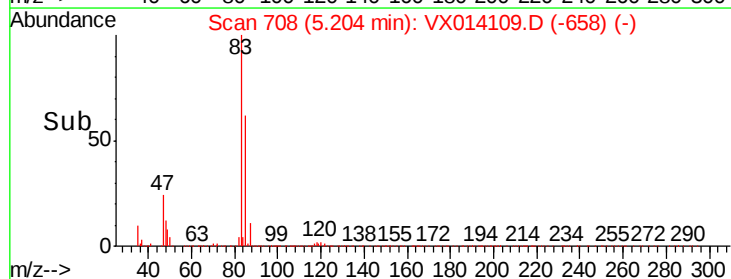
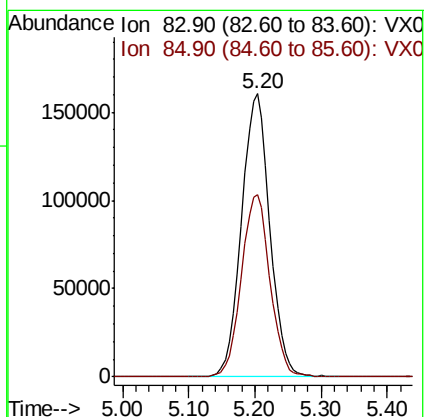
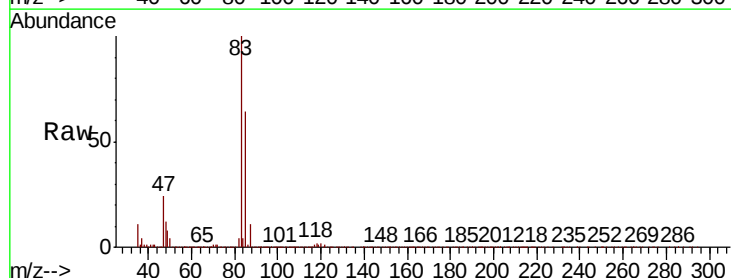
Acq: 18 Dec 2019 20:04

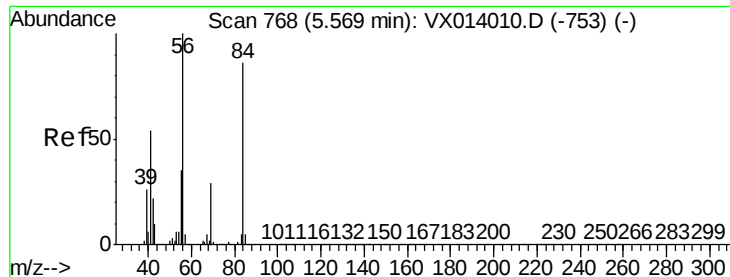
Tgt Ion: 83 Resp: 475688

Ion Ratio Lower Upper

83 100

85 64.2 50.8 76.2





#31

Cyclohexane

Concen: 50.562 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

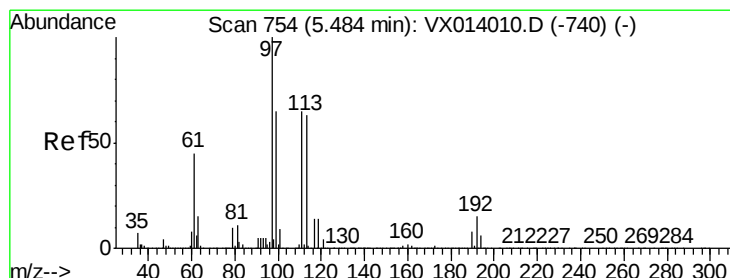
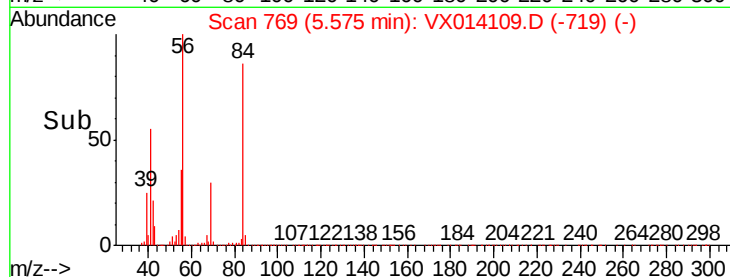
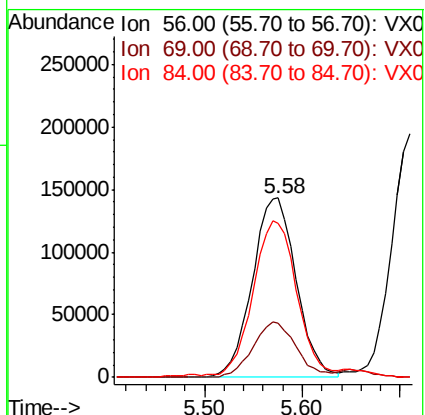
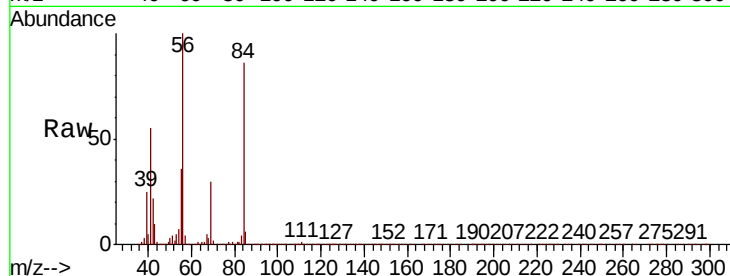
Tot Ion: 56 Resp: 445074

Ion Ratio Lower Upper

56 100

69 30.2 23.2 34.8

84 84.0 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 49.430 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

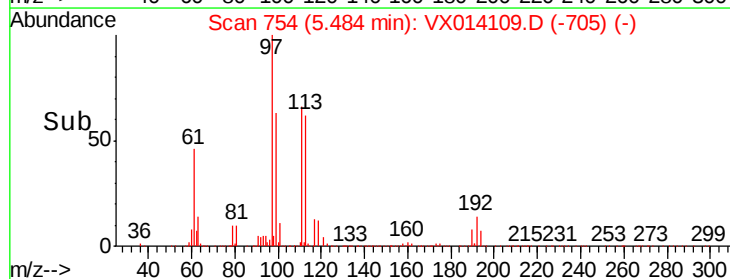
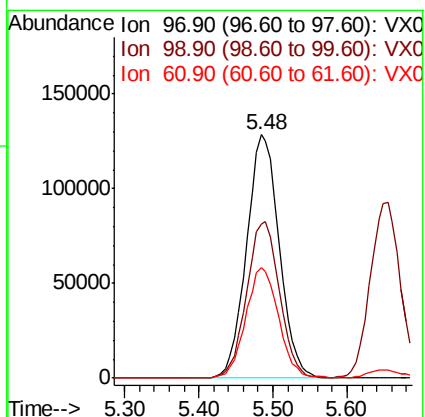
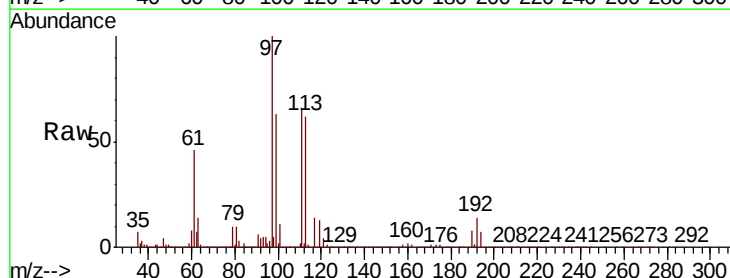
Tgt Ion: 97 Resp: 395255

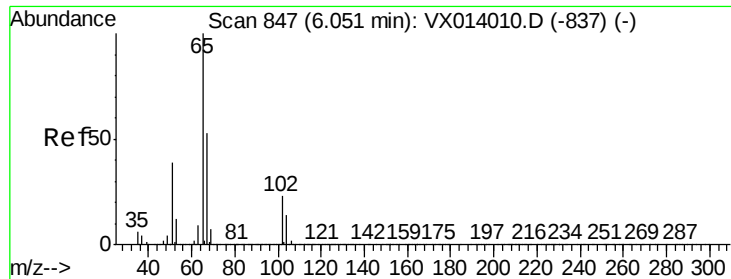
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 45.5 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.621 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

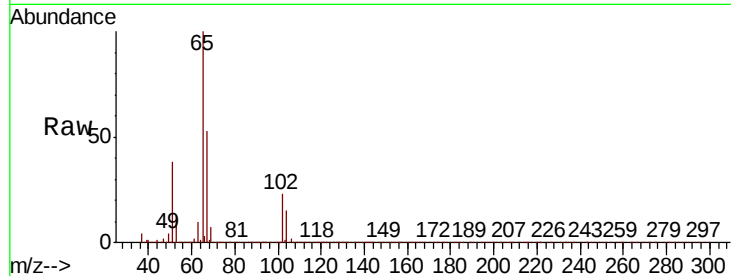
VSTDCCC050EC

Tot Ion: 65 Resp: 292306

Ion Ratio Lower Upper

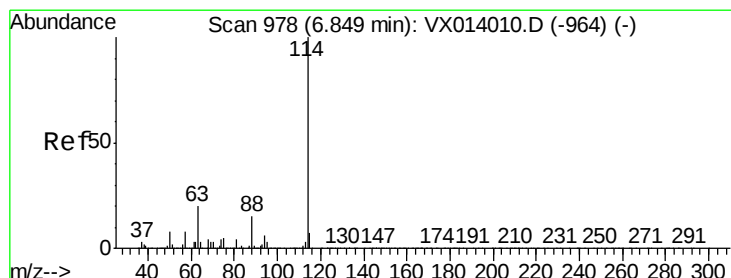
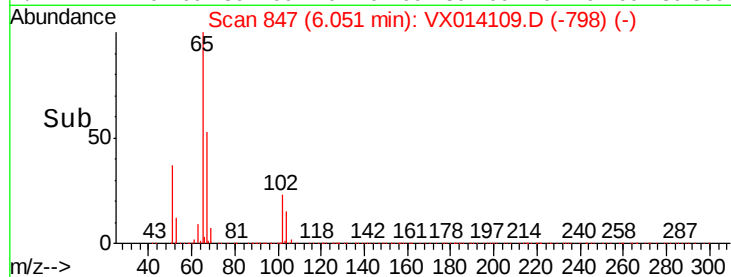
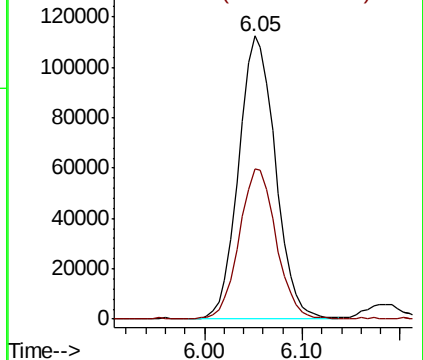
65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

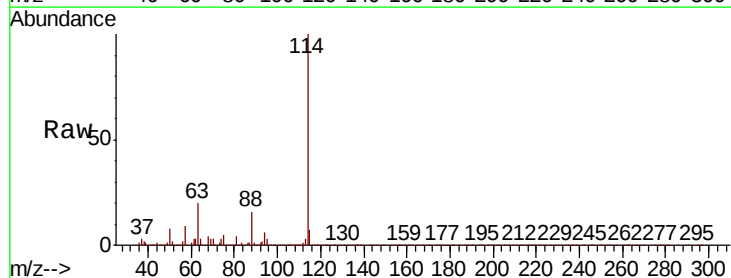
Tgt Ion: 114 Resp: 815066

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

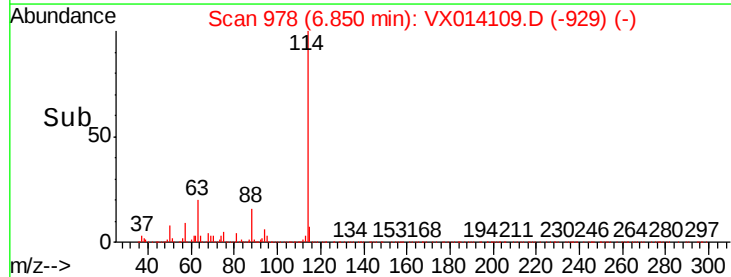
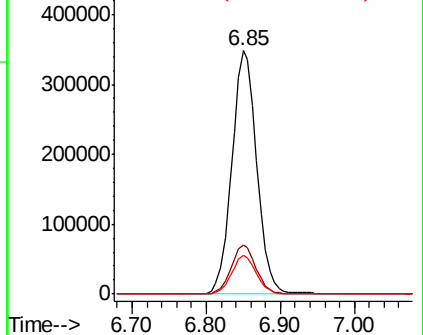
88 16.1 0.0 30.4

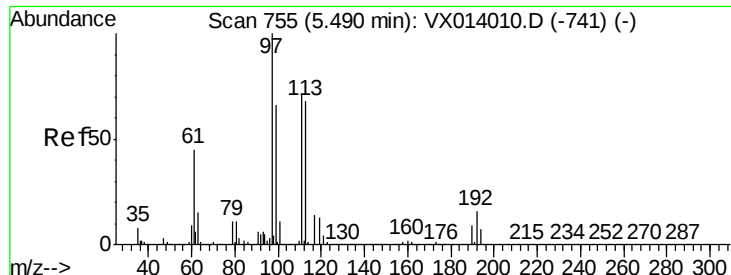


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

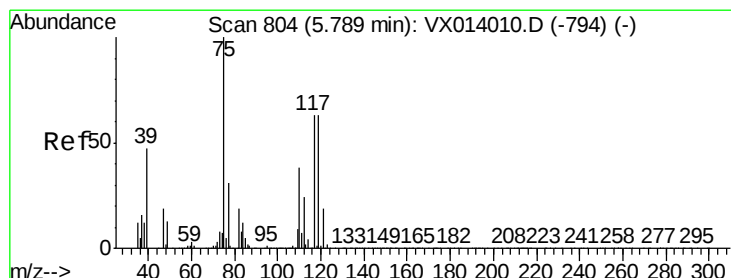
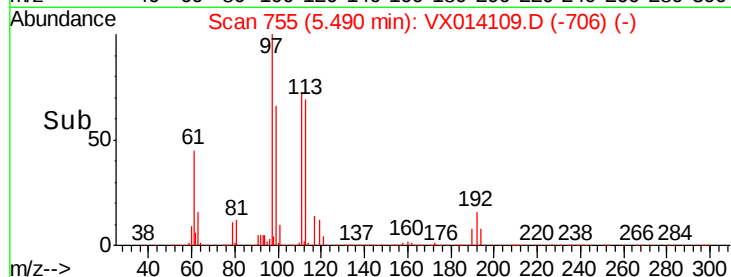
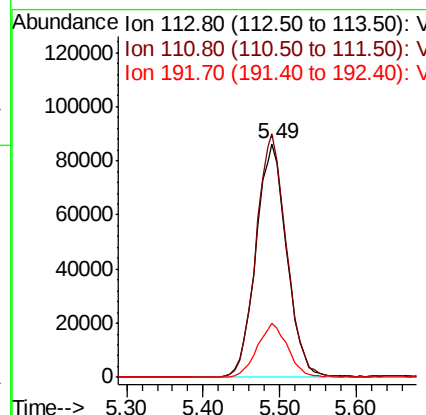
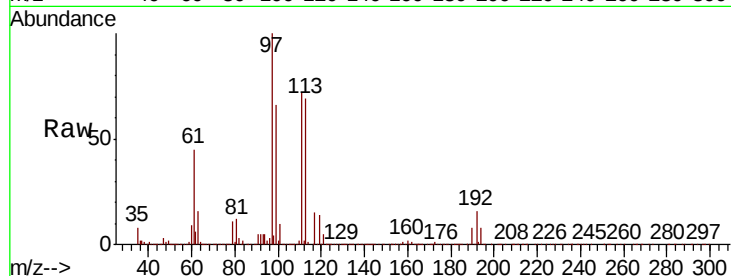




#35
 Dibromofluoromethane
 Concen: 48.909 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

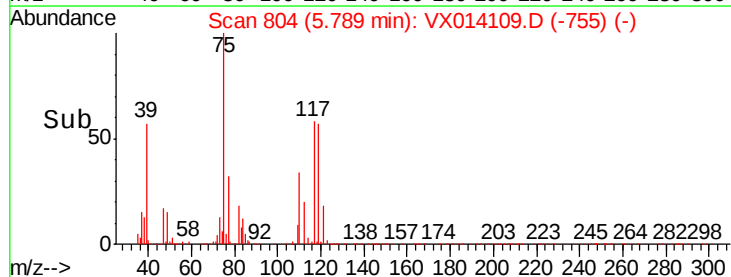
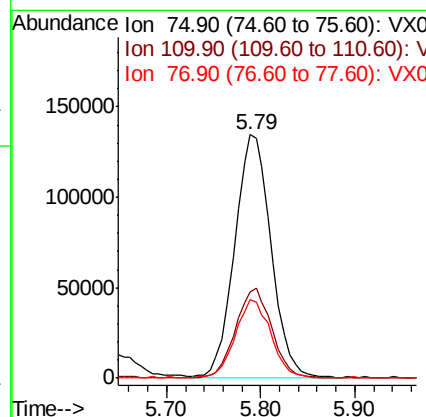
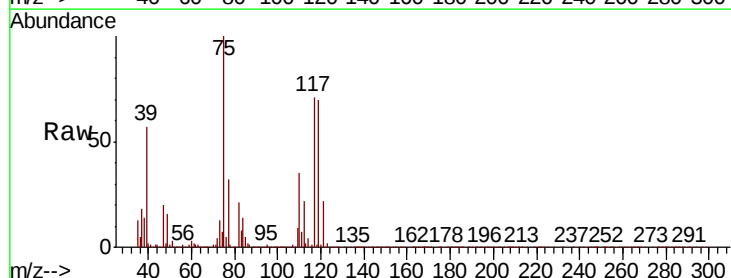
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	22.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 48.010 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.9
77	31.1	24.8	37.2

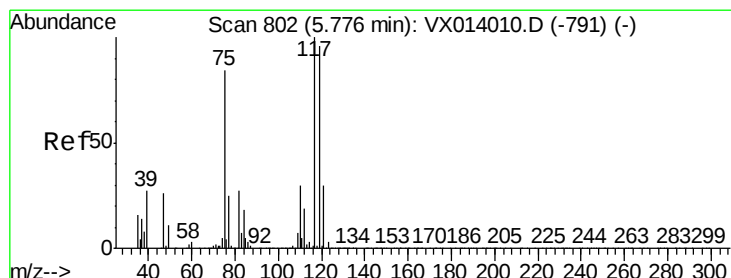
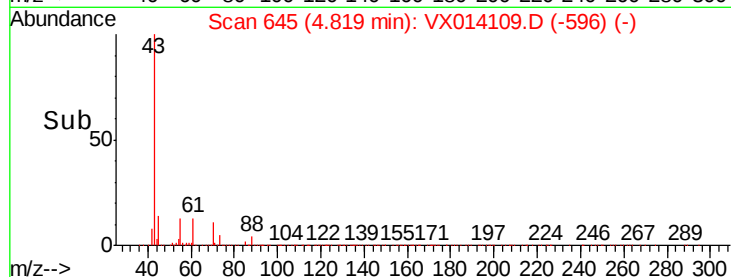
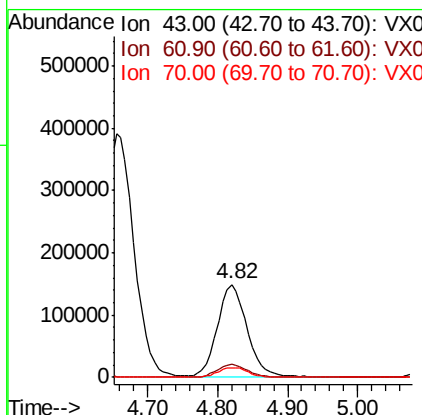
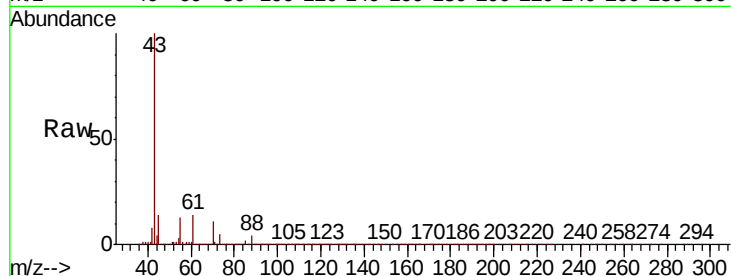




#37
Ethyl Acetate
Concen: 52.931 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

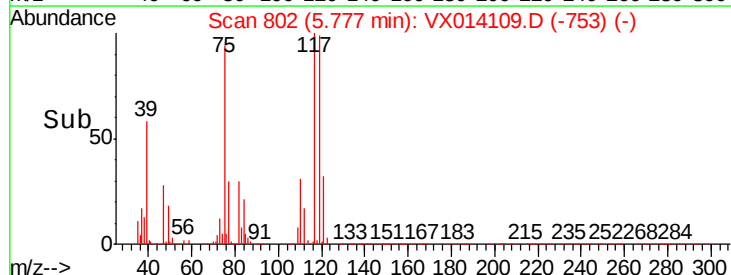
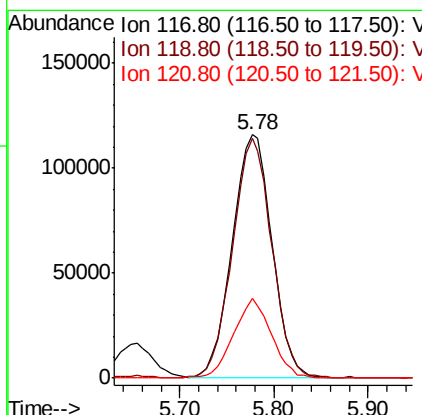
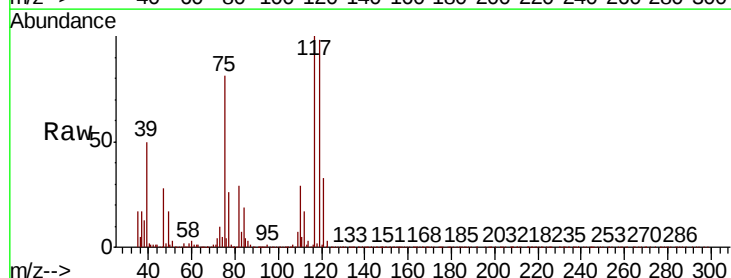
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

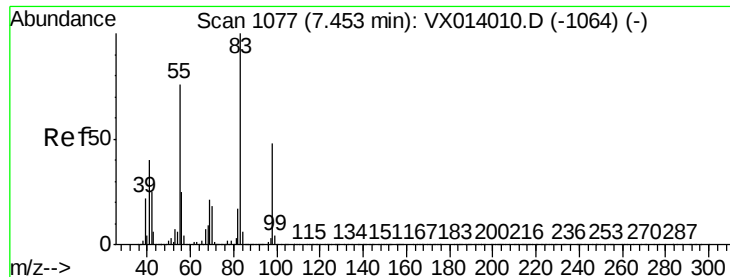
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	10.6	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.765 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.2	114.4
121	32.6	23.6	35.4

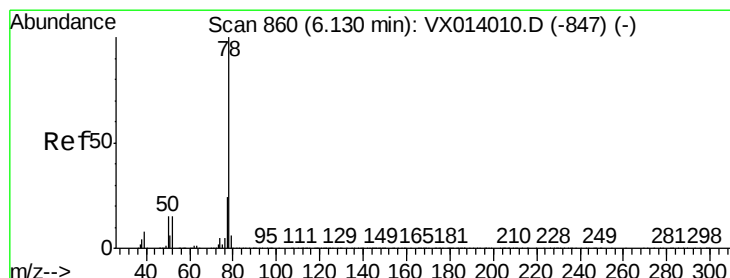
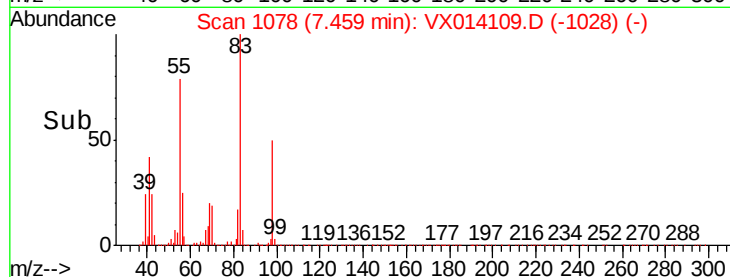
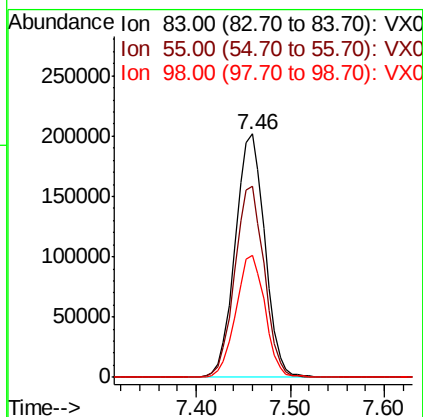
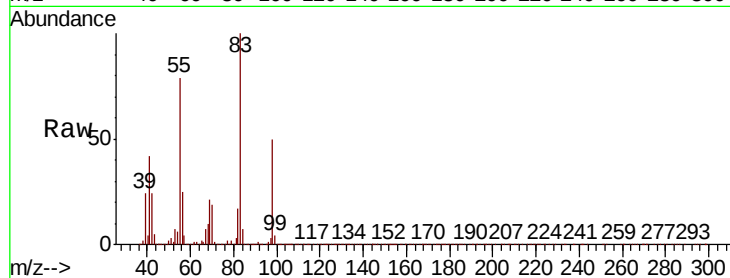




#39
Methvlcvclohexane
Concen: 47.985 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

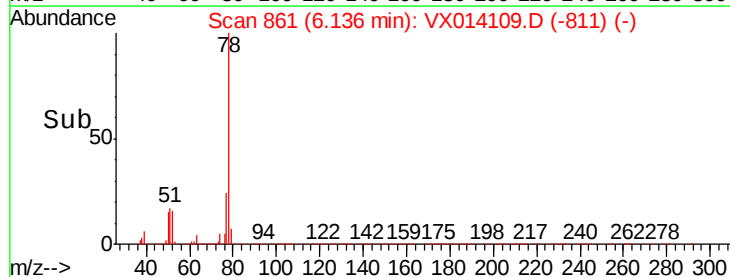
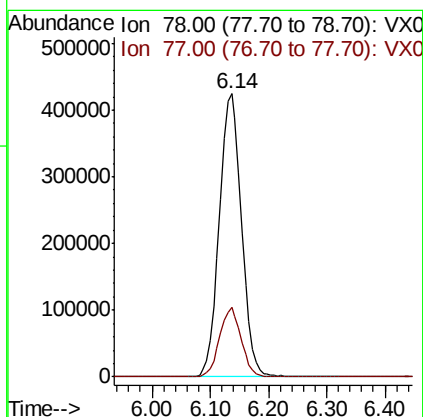
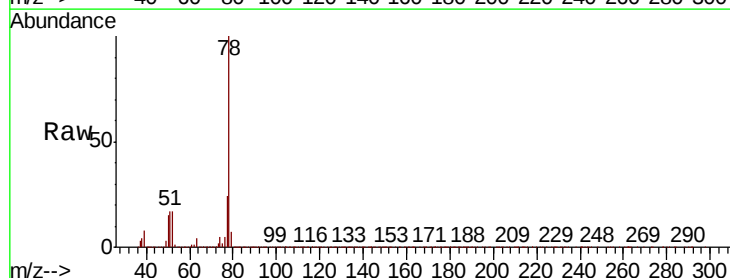
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

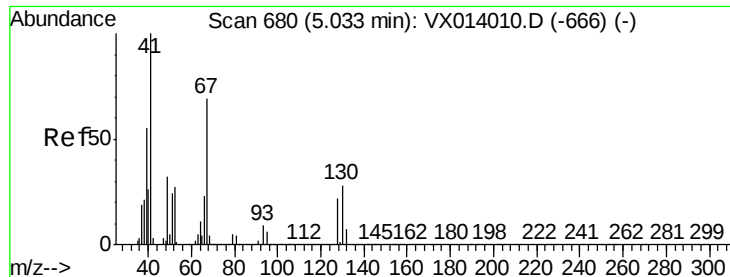
Tot Ion: 83 Resp: 443113
Ion Ratio Lower Upper
83 100
55 78.6 61.0 91.6
98 50.1 38.6 57.8



#40
Benzene
Concen: 48.799 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 78 Resp: 1122919
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

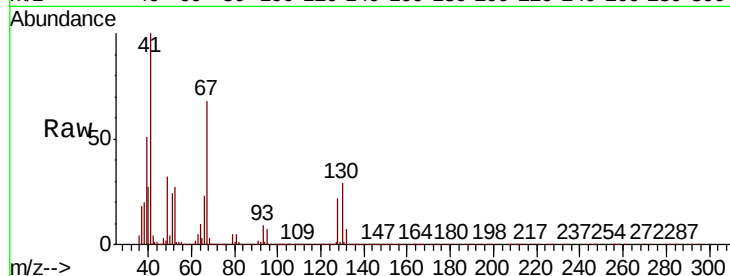




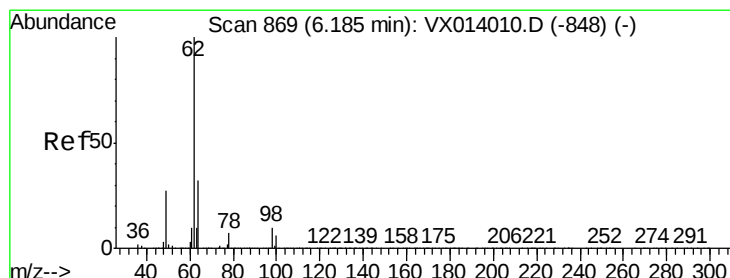
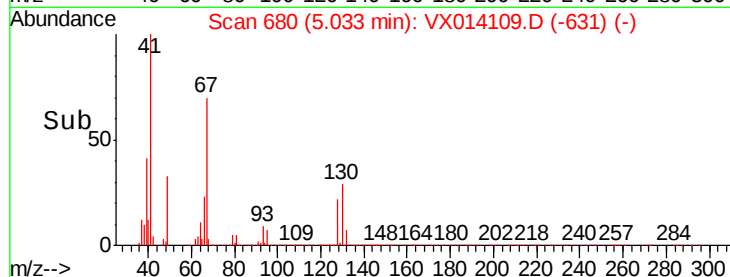
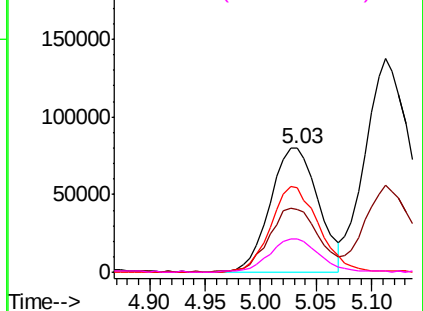
#41
Methacrylonitrile
Concen: 52.737 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	241656
Ion	Ratio	Lower	Upper
41	100		
39	51.5	44.5	66.7
67	68.8	57.4	86.0
52	27.3	23.0	34.4

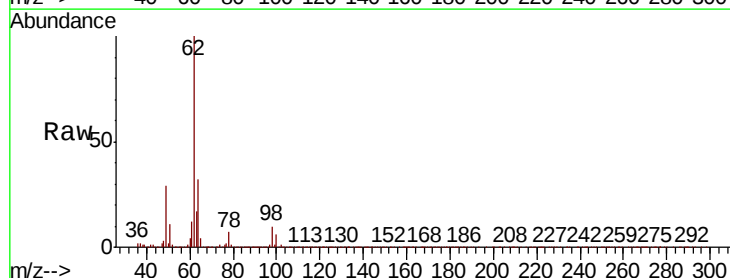


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

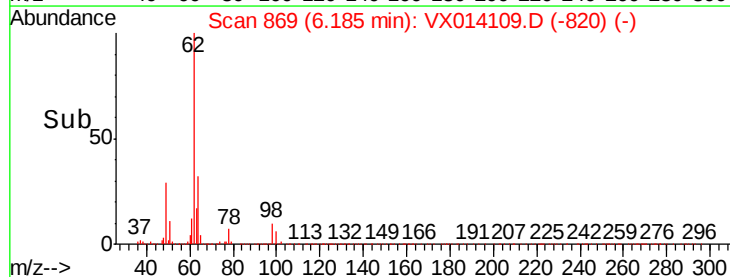
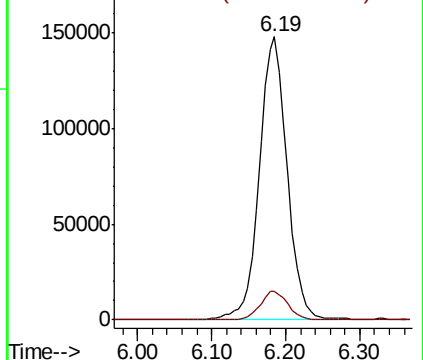


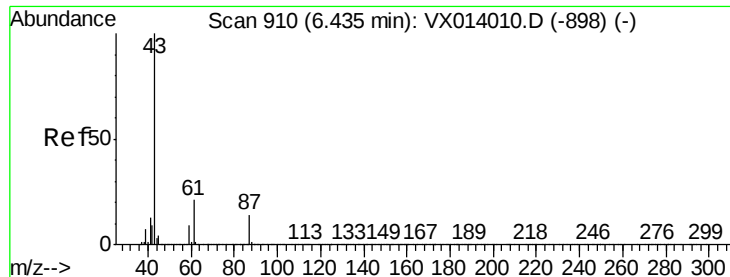
#42
1,2-Dichloroethane
Concen: 49.375 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:	62	Resp:	385136
Ion	Ratio	Lower	Upper
62	100		
98	10.2	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: 51.233 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

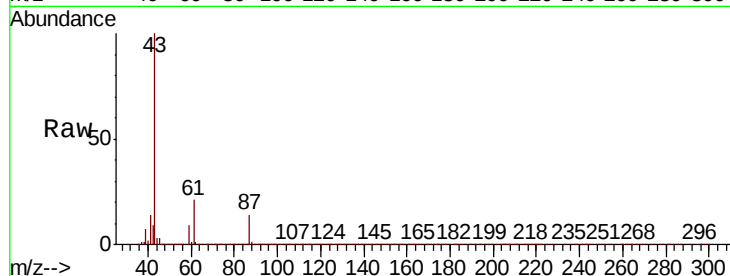
Tot Ion: 43 Resp: 700223

Ion Ratio Lower Upper

43 100

61 20.4 16.4 24.6

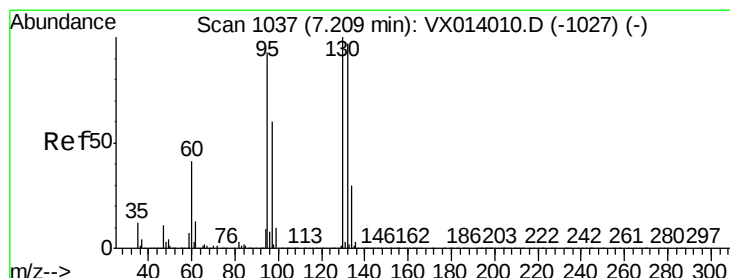
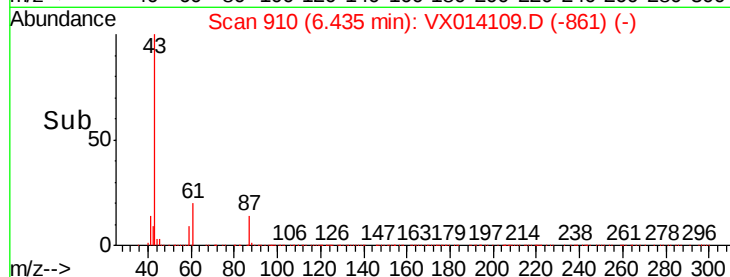
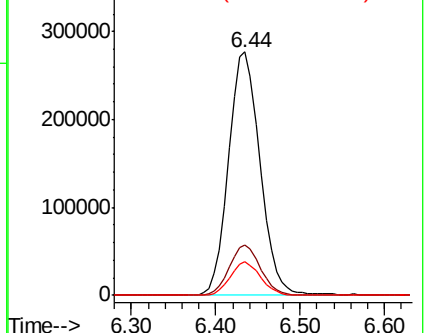
87 13.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.215 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014109.D

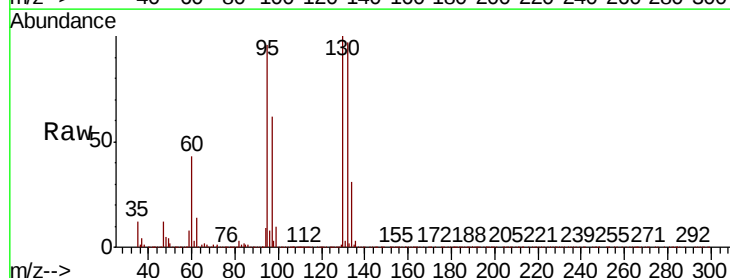
Acq: 18 Dec 2019 20:04

Tgt Ion:130 Resp: 300094

Ion Ratio Lower Upper

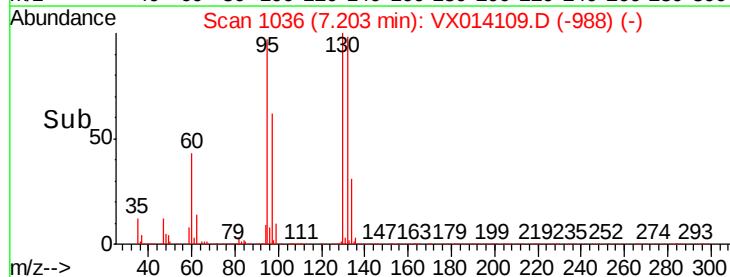
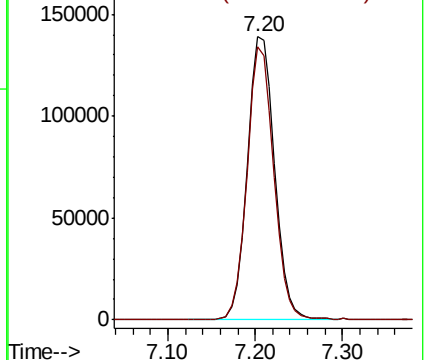
130 100

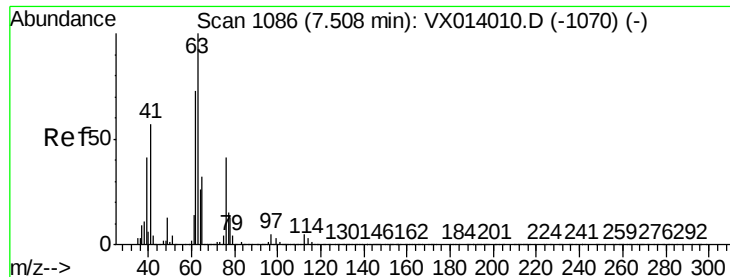
95 96.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.749 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

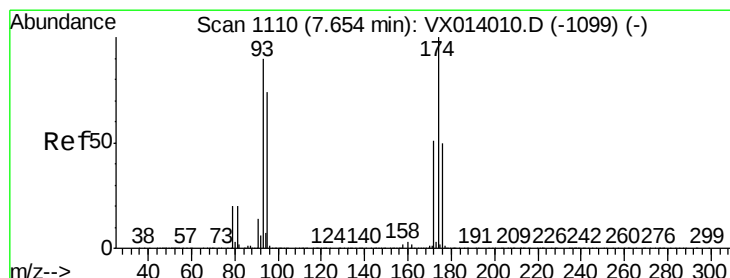
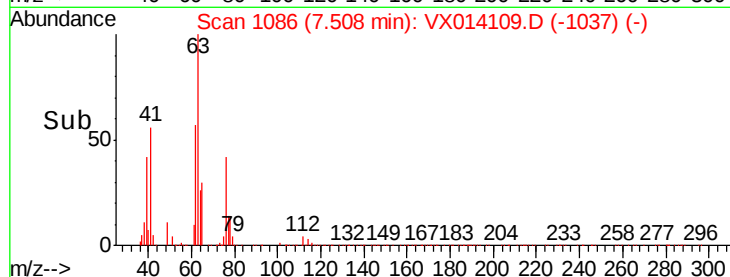
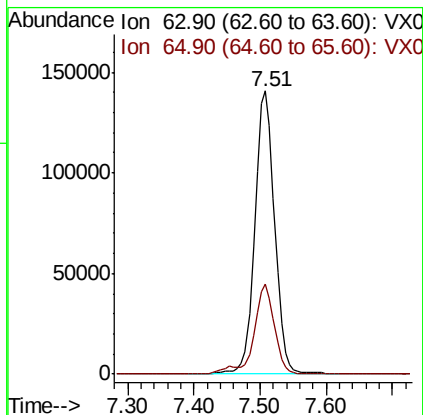
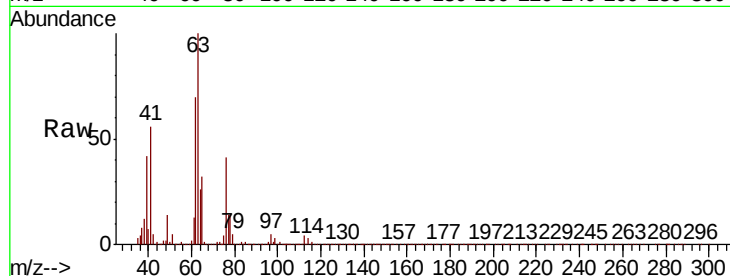
VSTDCCC050EC

Tot Ion: 63 Resp: 293419

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.8



#46

Dibromomethane

Concen: 47.916 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

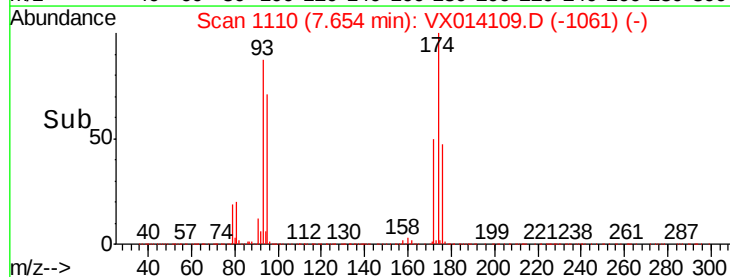
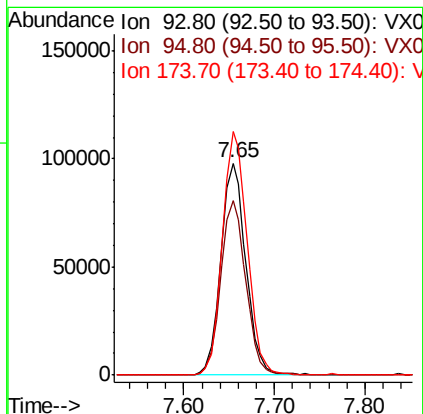
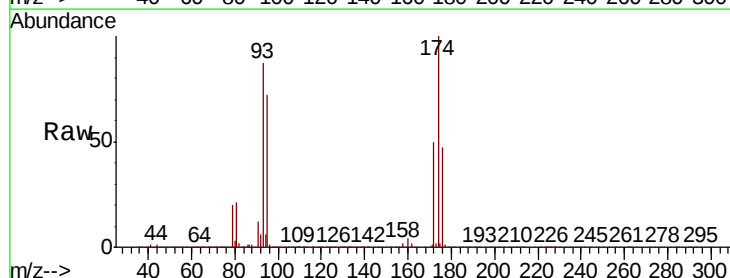
Tgt Ion: 93 Resp: 186843

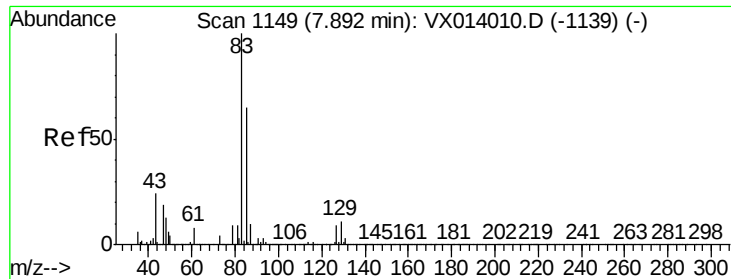
Ion Ratio Lower Upper

93 100

95 82.5 67.3 100.9

174 115.0 91.6 137.4

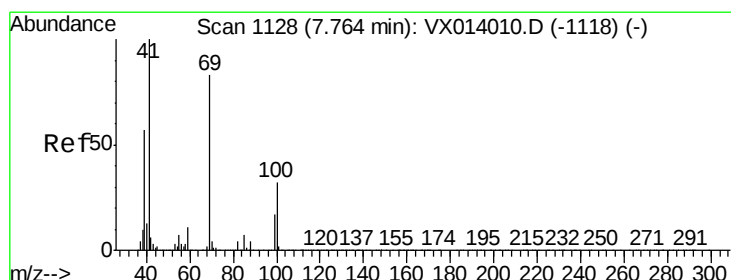
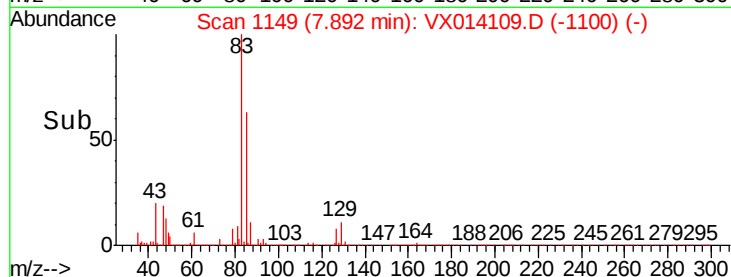
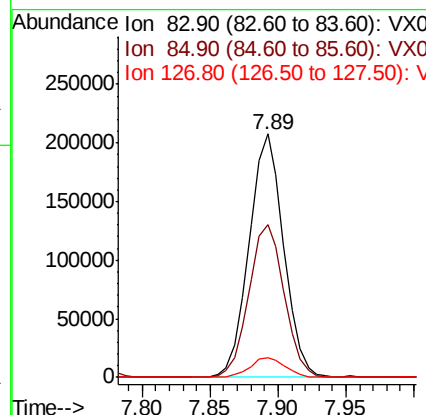
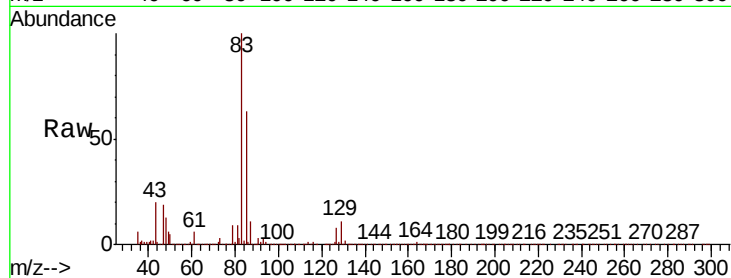




#47
Bromodichloromethane
Concen: 50.354 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

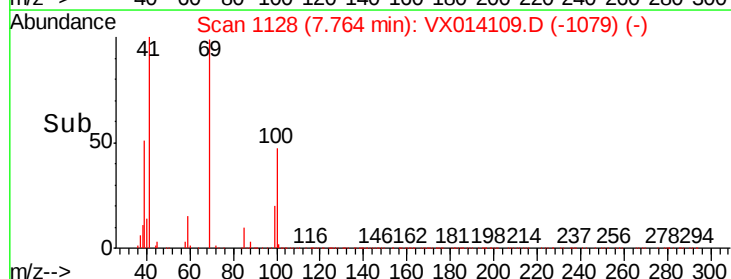
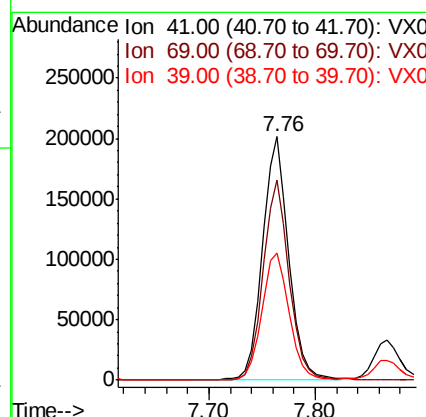
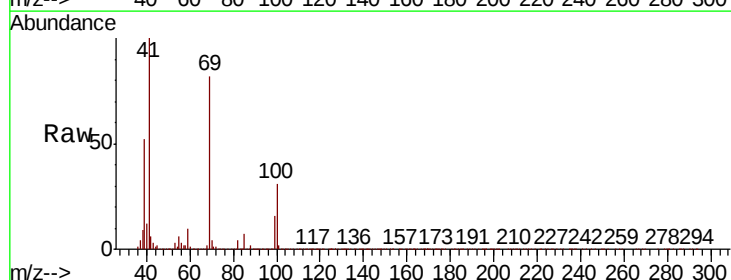
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

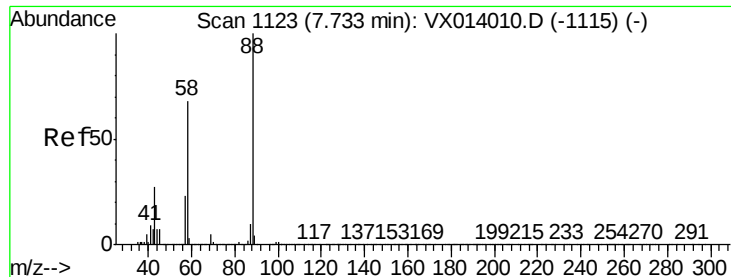
Tot Ion: 83 Resp: 369798
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8
127 8.2 7.0 10.4



#48
Methyl methacrylate
Concen: 51.556 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 41 Resp: 345045
Ion Ratio Lower Upper
41 100
69 82.1 65.8 98.6
39 54.1 44.6 67.0





#49

1,4-Dioxane

Concen: 1028.388 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

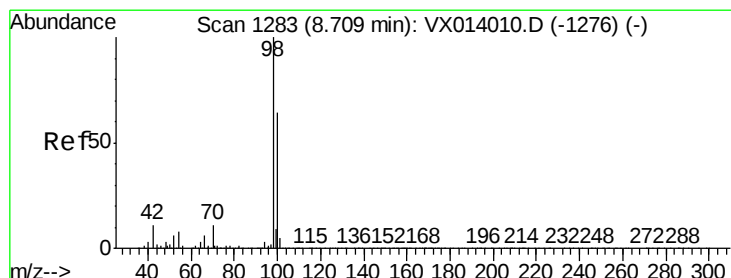
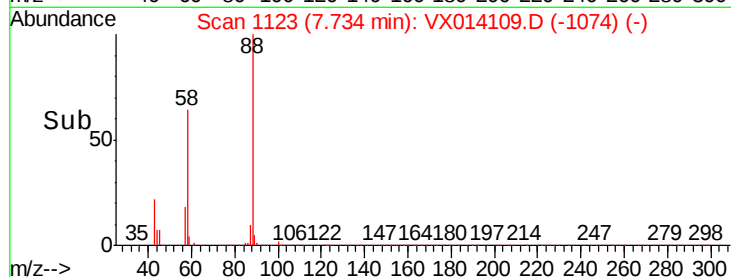
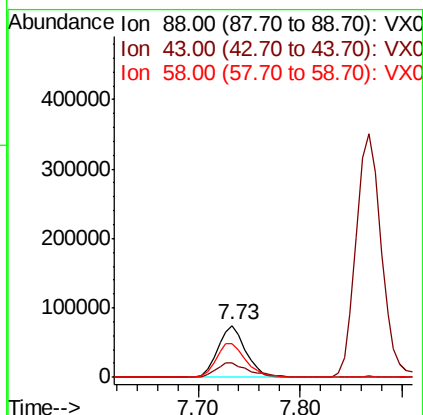
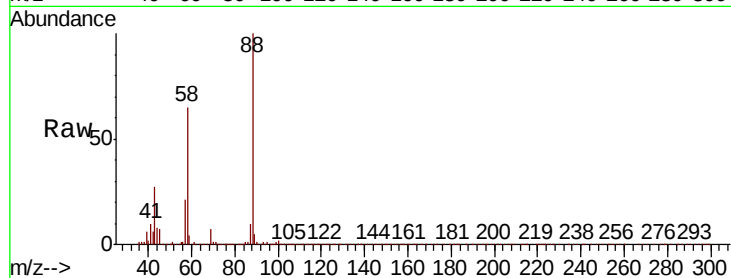
Tot Ion: 88 Resp: 140063

Ion Ratio Lower Upper

88 100

43 33.0 26.5 39.7

58 70.6 56.8 85.2



#50

Toluene-d8

Concen: 48.357 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014109.D

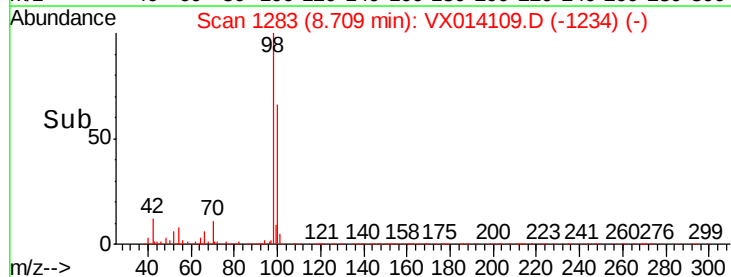
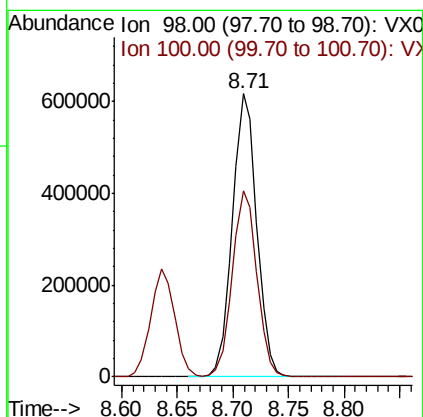
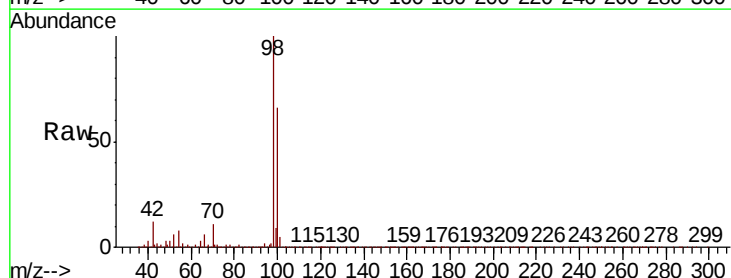
Acq: 18 Dec 2019 20:04

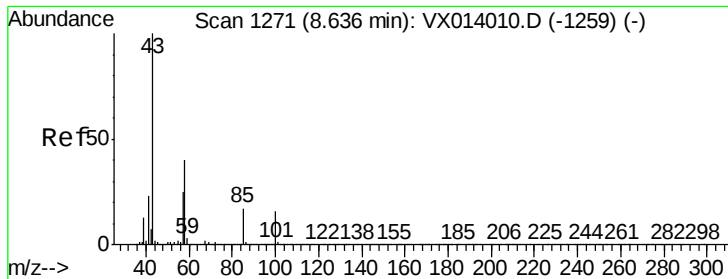
Tgt Ion: 98 Resp: 932797

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 259.053 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

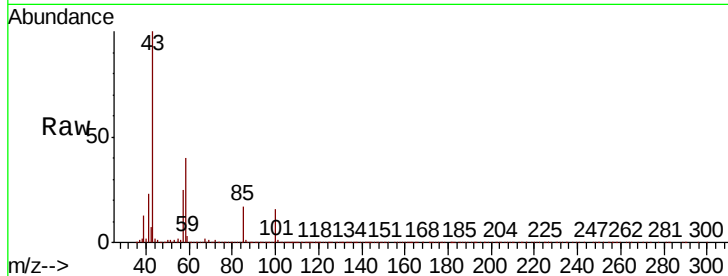
VSTDCCC050EC

Tot Ion: 43 Resp: 2223569

Ion Ratio Lower Upper

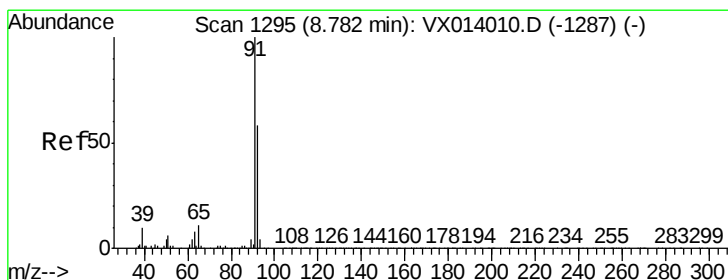
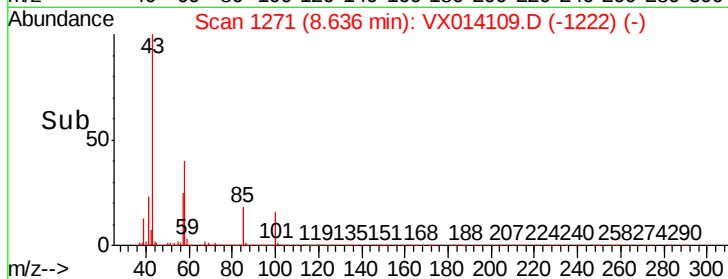
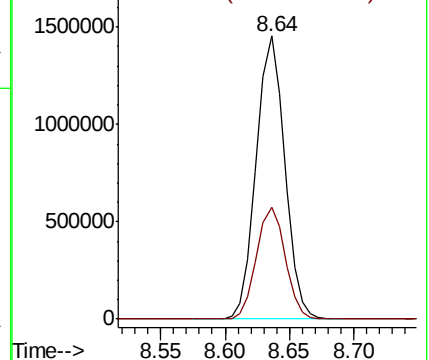
43 100

58 39.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.493 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014109.D

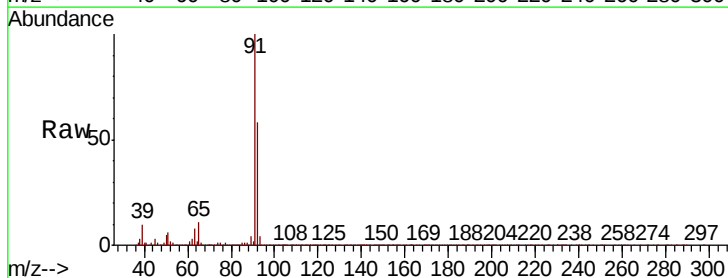
Acq: 18 Dec 2019 20:04

Tgt Ion: 92 Resp: 705311

Ion Ratio Lower Upper

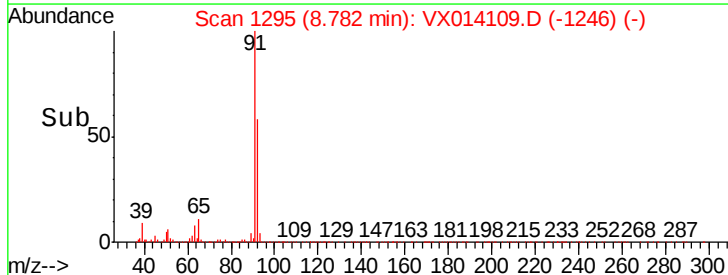
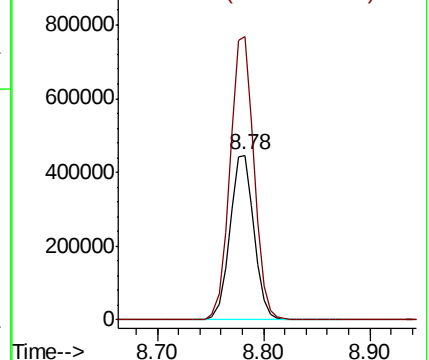
92 100

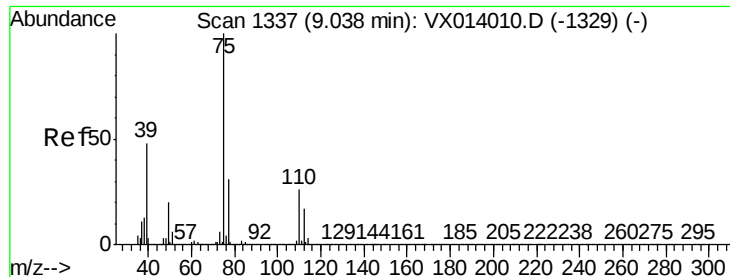
91 171.3 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.897 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

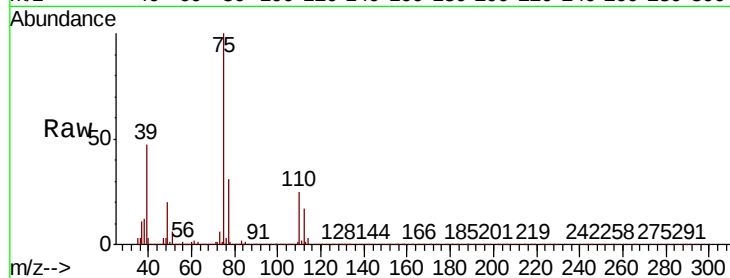
VSTDCCC050EC

Tot Ion: 75 Resp: 417914

Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

300000

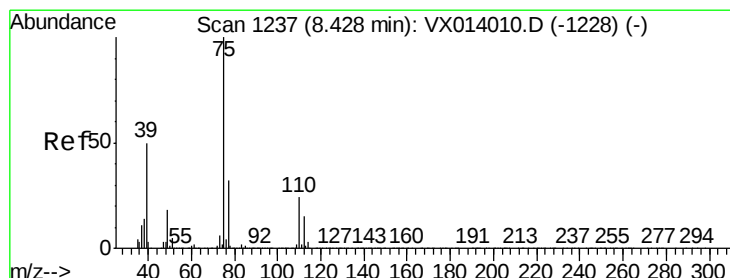
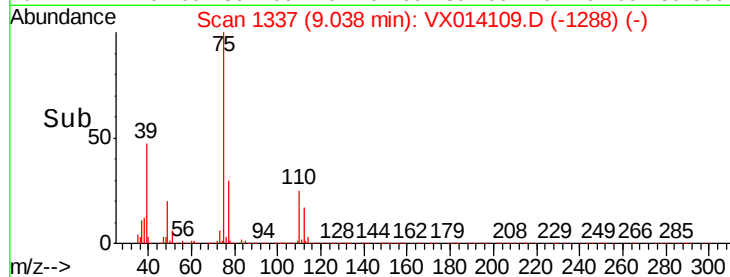
200000

100000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 51.477 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

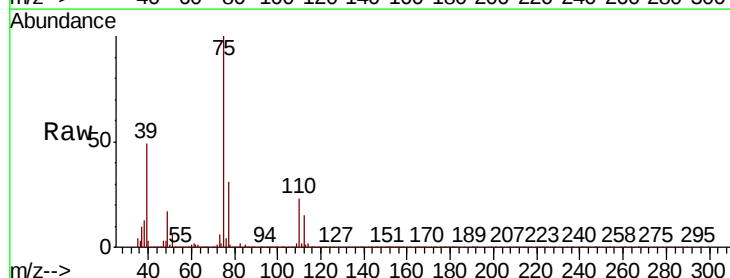
Tgt Ion: 75 Resp: 461817

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 48.9 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

300000

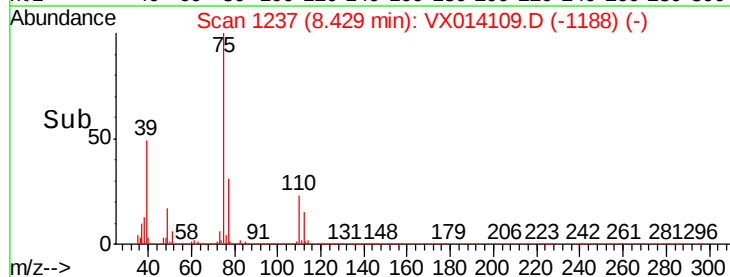
200000

100000

0

Time-->

8.35 8.40 8.45 8.50 8.55

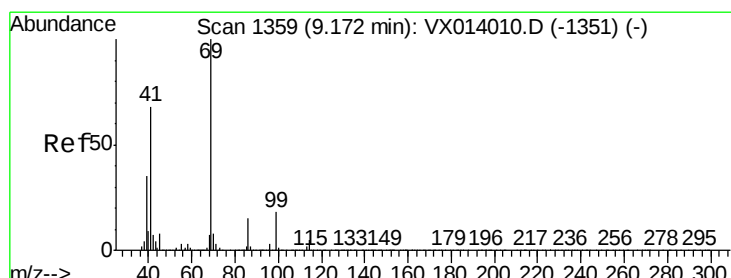
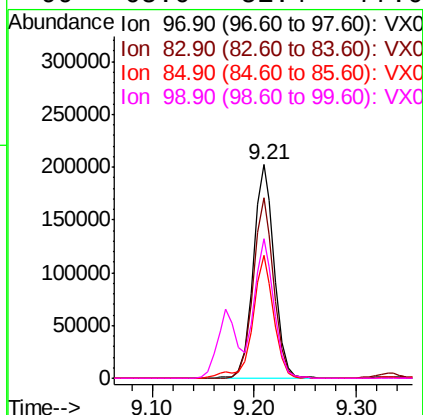
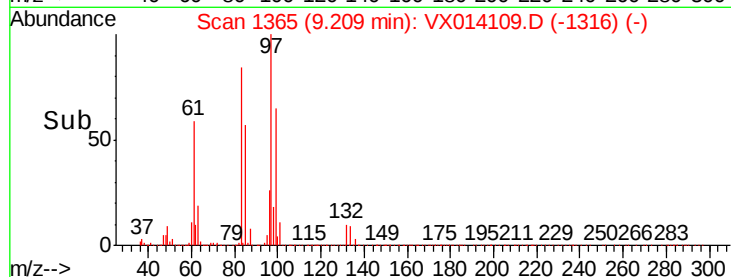
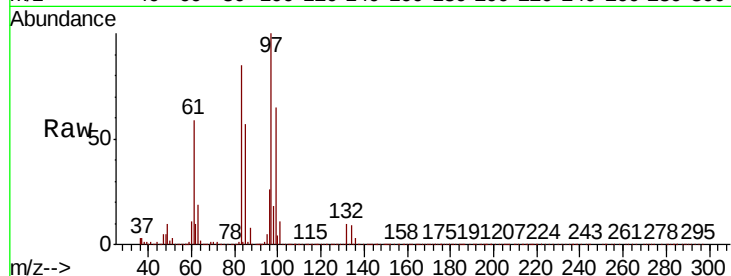




#55
 1,1,2-Trichloroethane
 Concen: 50.031 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

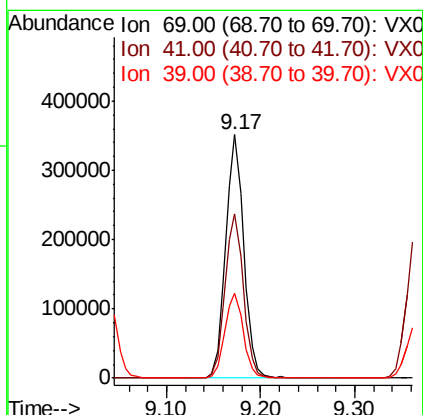
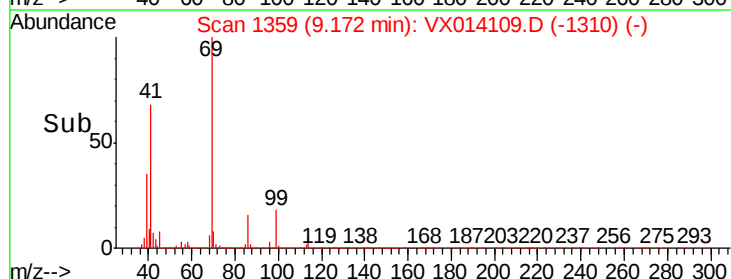
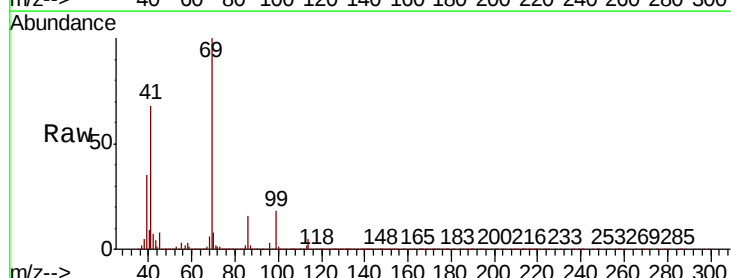
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

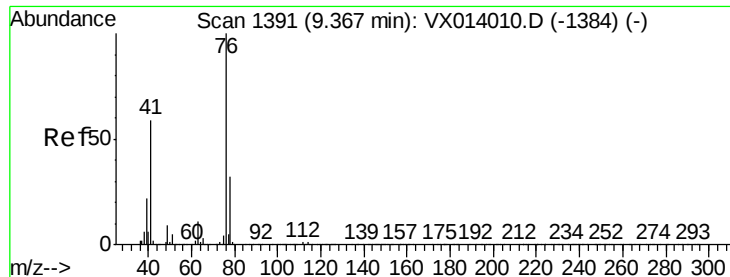
Tot Ion:	97	Resp:	291648
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.4
85	57.2	44.6	66.8
99	65.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 51.286 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion:	69	Resp:	469616
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.8	82.2
39	35.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.915 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

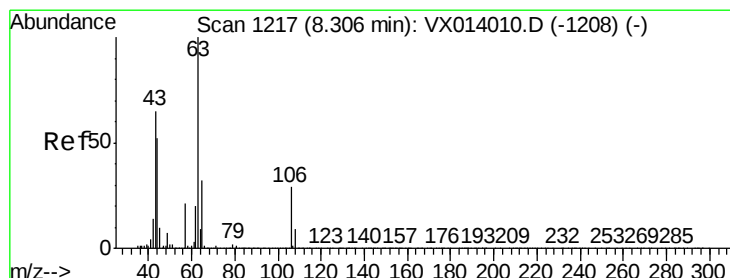
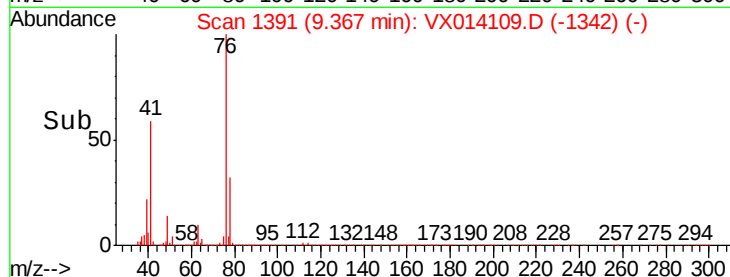
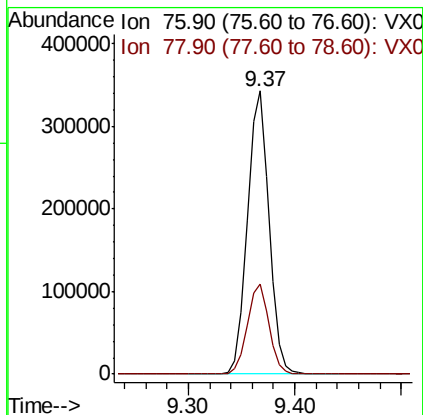
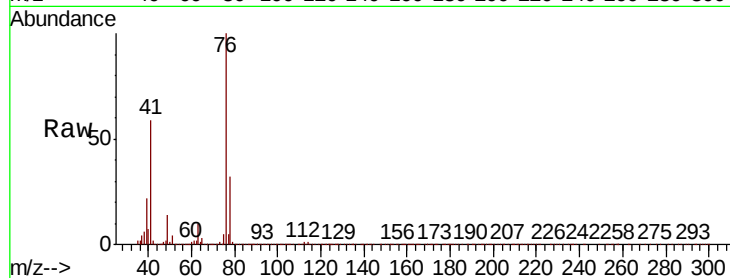
VSTDCCC050EC

Tot Ion: 76 Resp: 489552

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.786 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014109.D

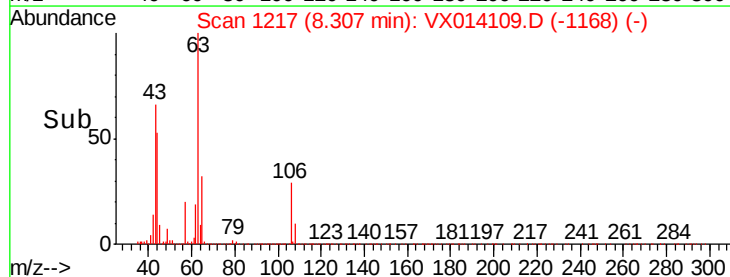
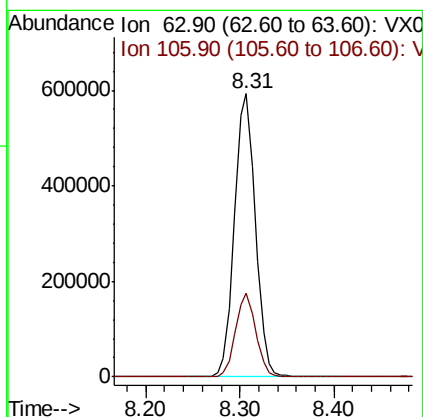
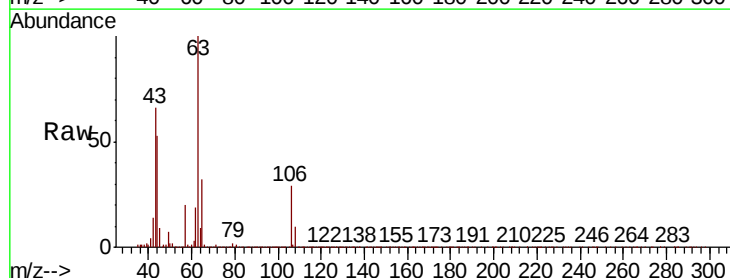
Acq: 18 Dec 2019 20:04

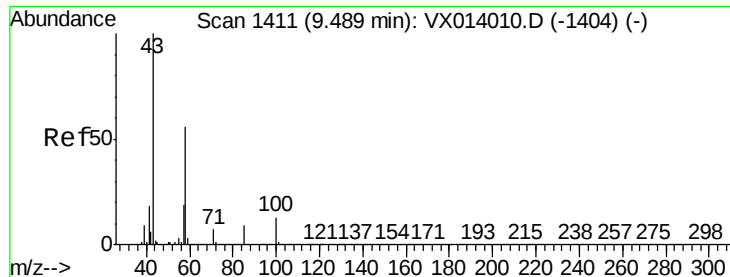
Tgt Ion: 63 Resp: 914095

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6

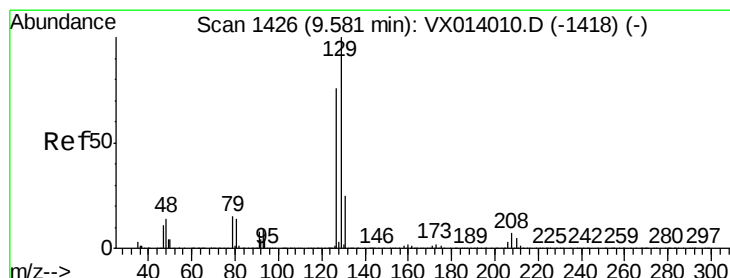
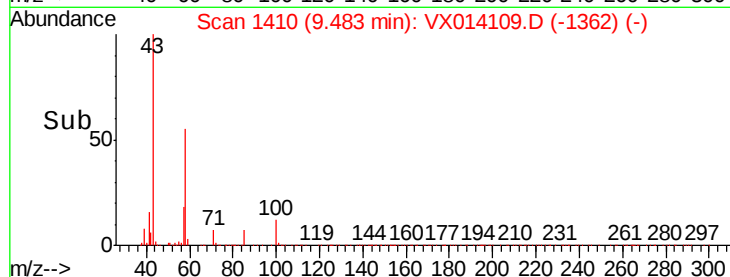
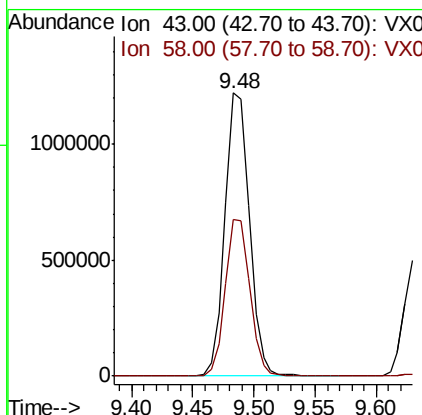
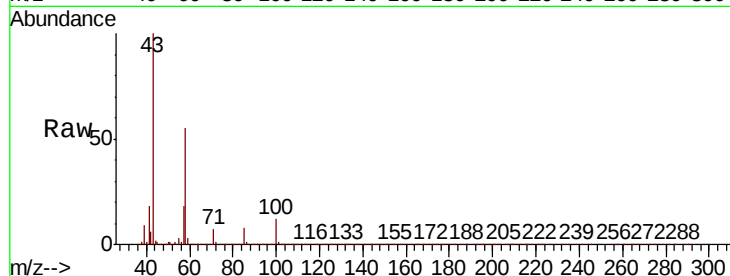




#59
2-Hexanone
Concen: 245.797 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

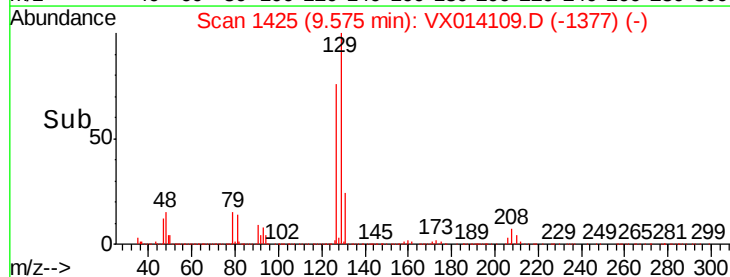
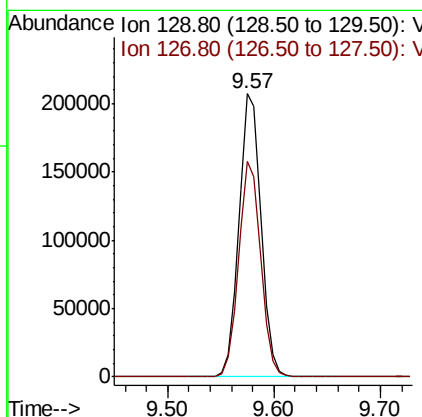
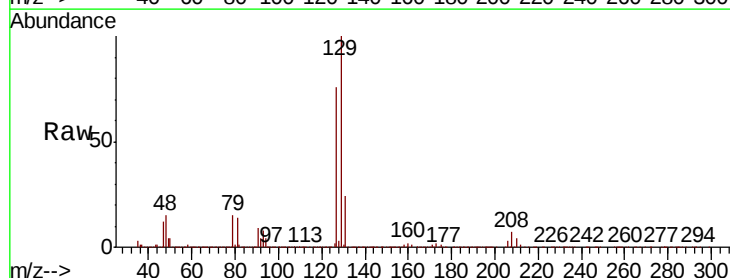
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

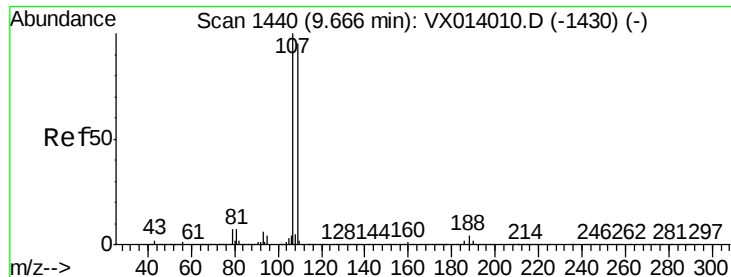
Tot Ion: 43 Resp: 1698385
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0



#60
Dibromochloromethane
Concen: 52.092 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 129 Resp: 301840
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.2

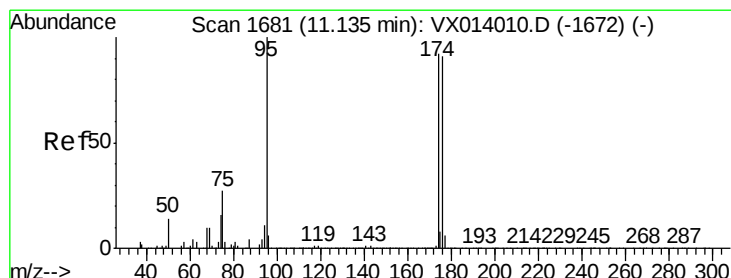
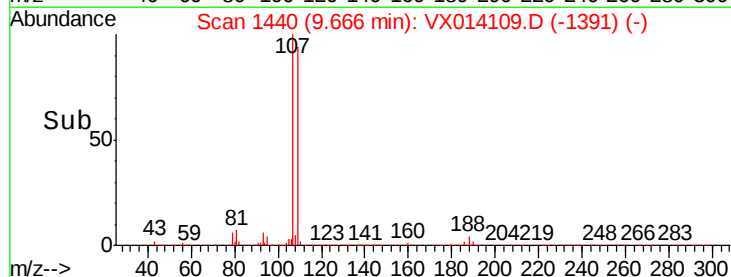
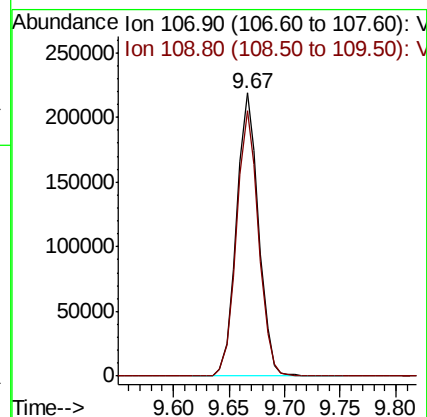
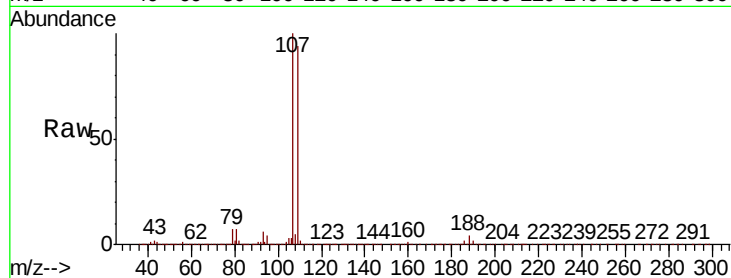




#61
 1,2-Dibromoethane
 Concen: 50.081 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

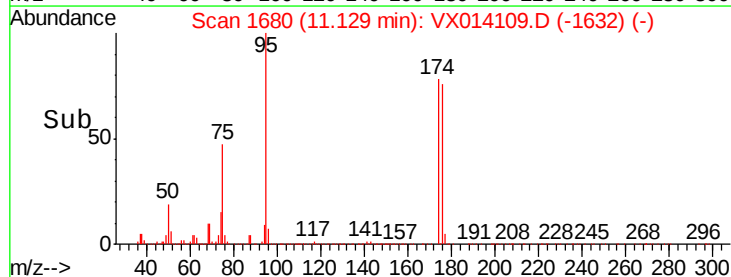
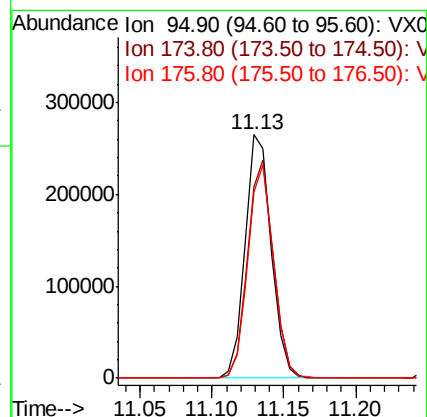
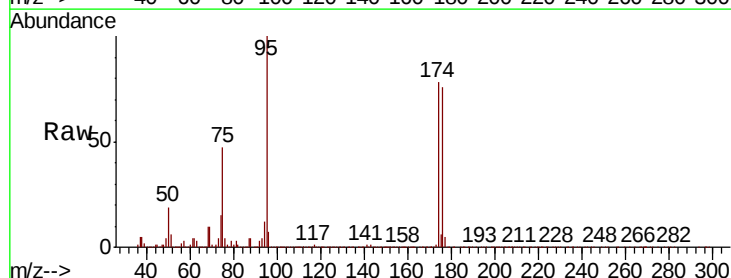
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 298696
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 46.950 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion: 95 Resp: 331056
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 175.8
 176 86.3 0.0 173.0

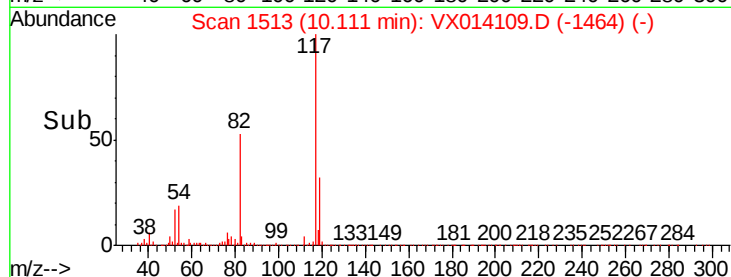
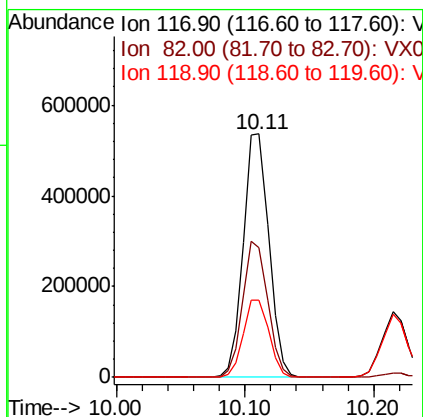
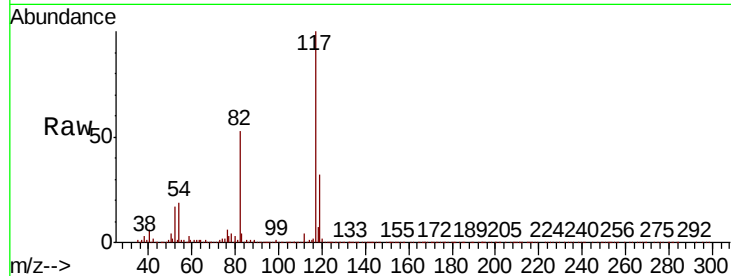




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

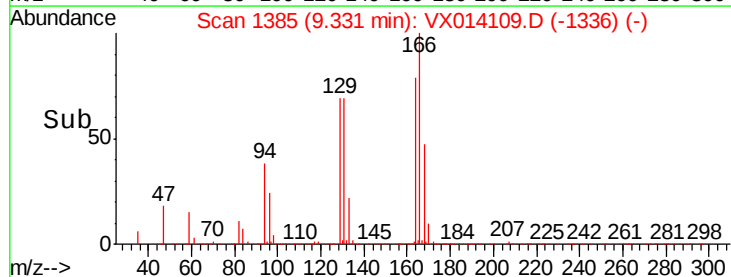
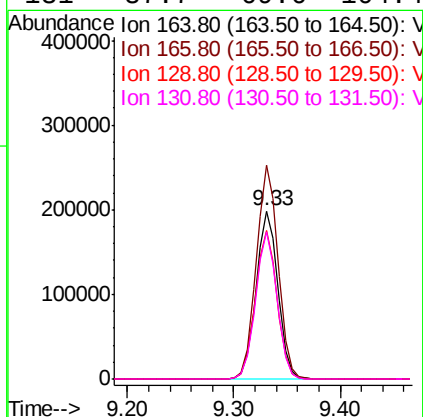
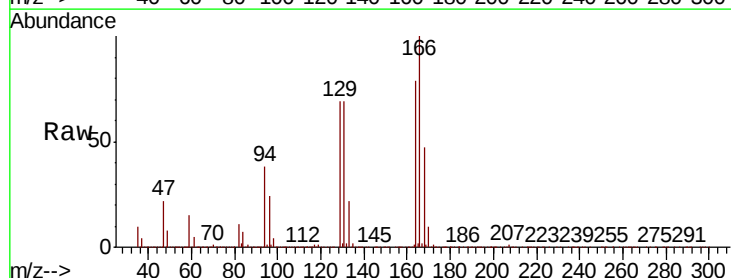
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 737264
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 43.696 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:164 Resp: 285065
Ion Ratio Lower Upper
164 100
166 127.0 104.0 156.0
129 88.1 72.2 108.4
131 87.7 69.6 104.4

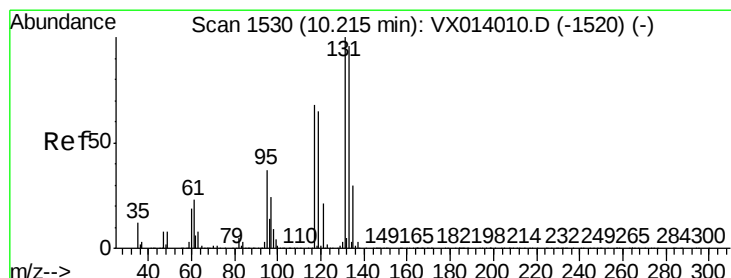
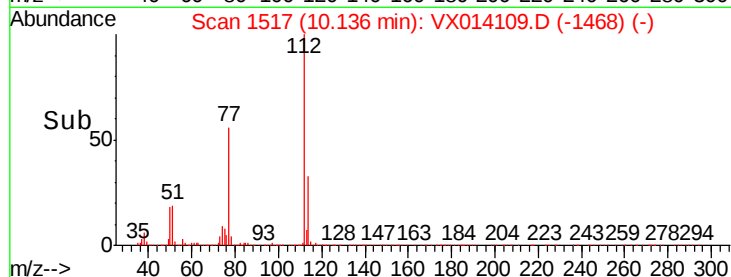
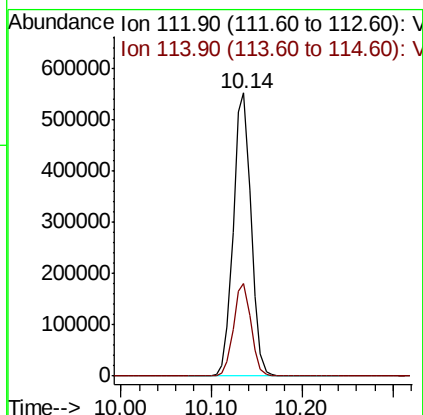
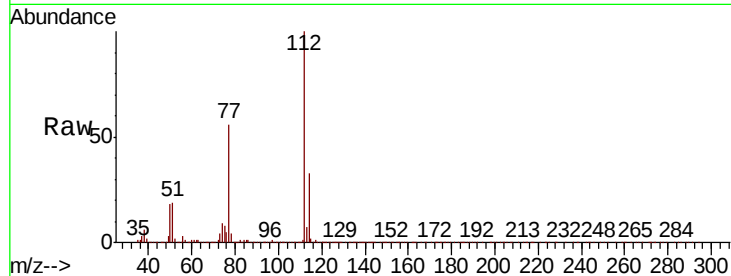




#65
Chlorobenzene
Concen: 47.748 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

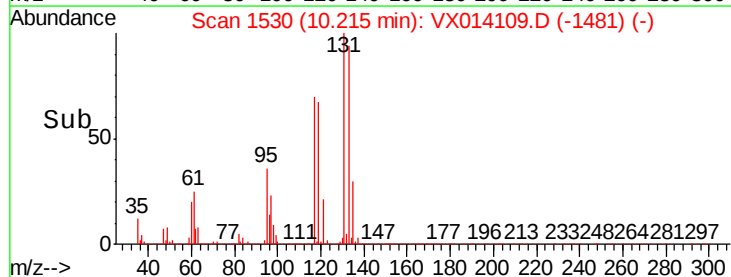
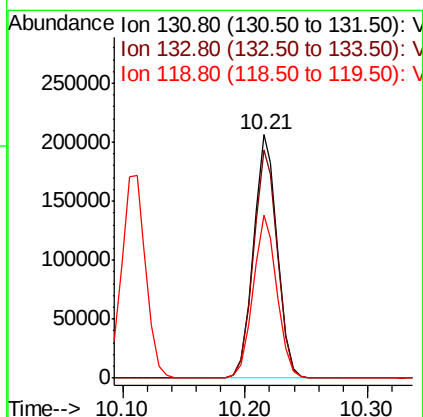
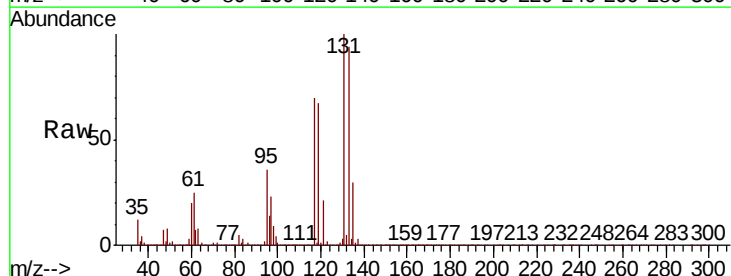
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

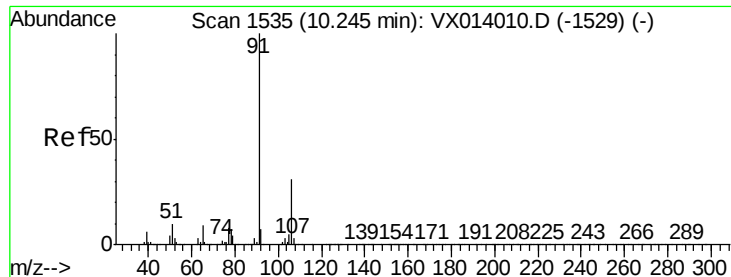
Tot Ion:112 Resp: 748493
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.072 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:131 Resp: 280263
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.0
119 66.7 33.4 100.2

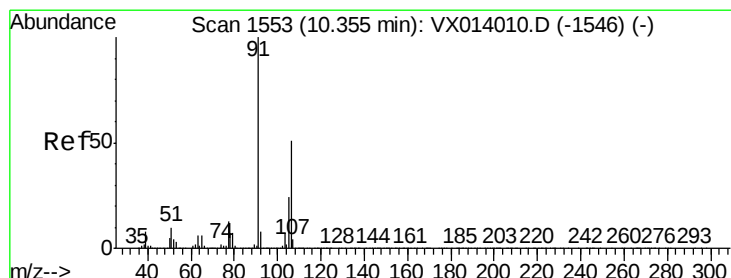
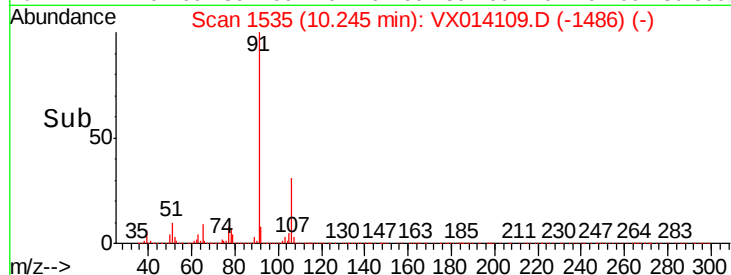
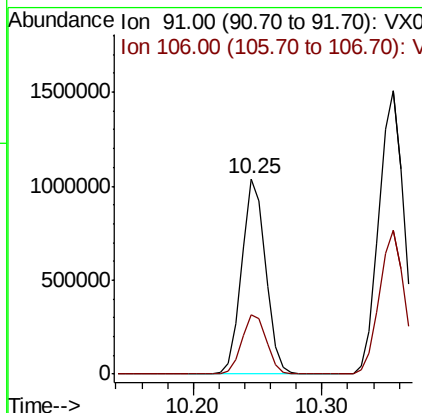
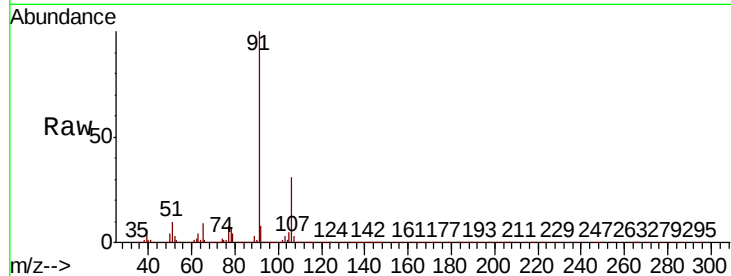




#67
Ethyl Benzene
Concen: 49.248 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

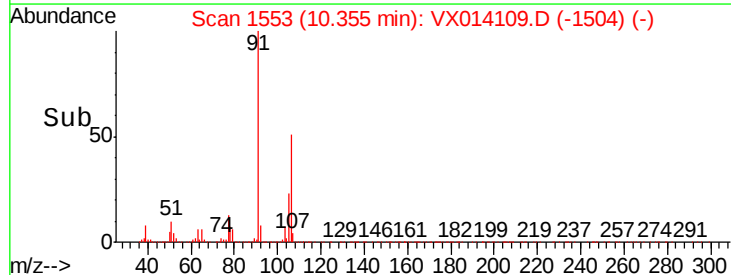
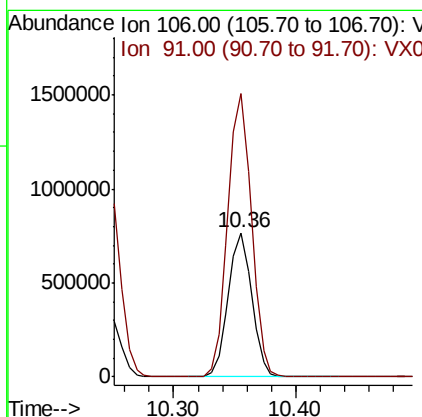
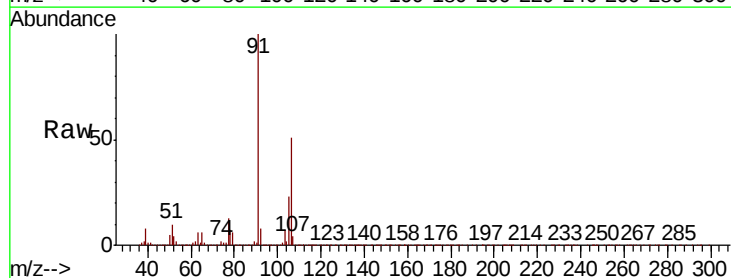
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1327274
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6



#68
m/p-Xylenes
Concen: 98.295 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 106 Resp: 1018895
Ion Ratio Lower Upper
106 100
91 198.8 158.6 238.0

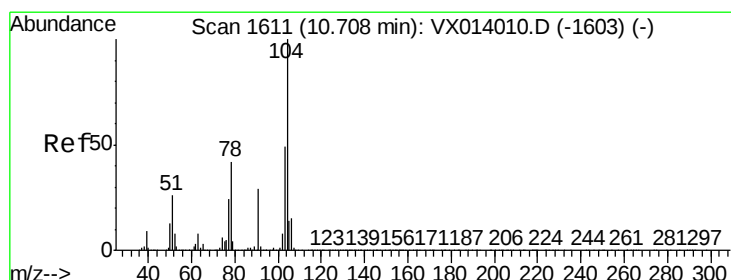
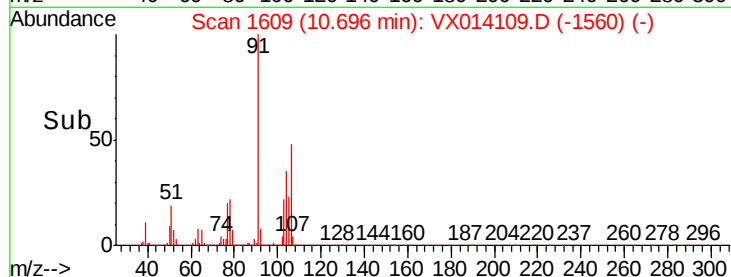
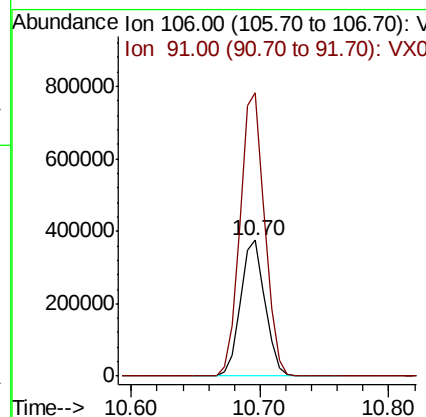
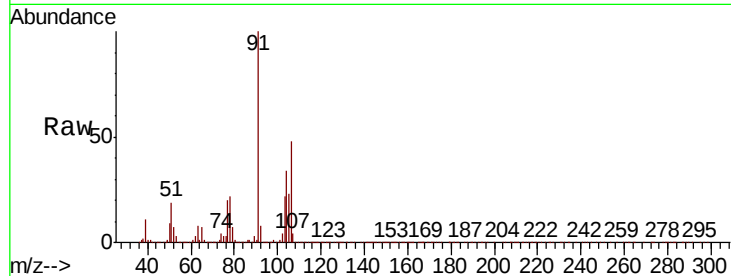




#69
o-Xylene
Concen: 48.535 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

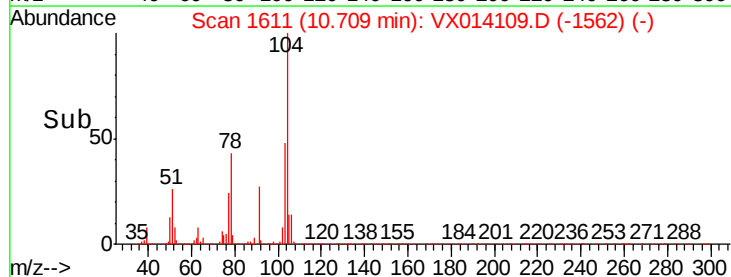
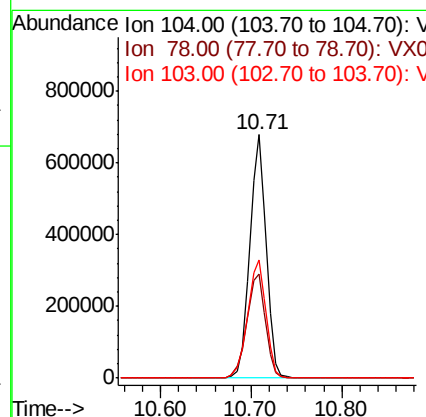
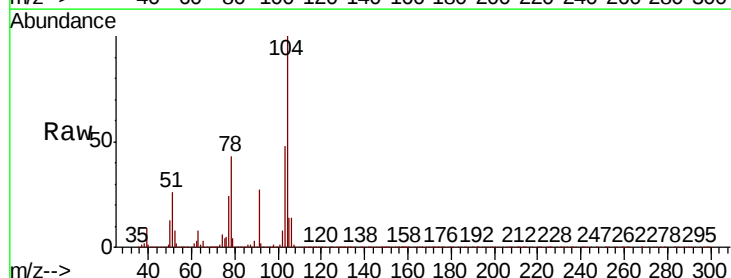
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

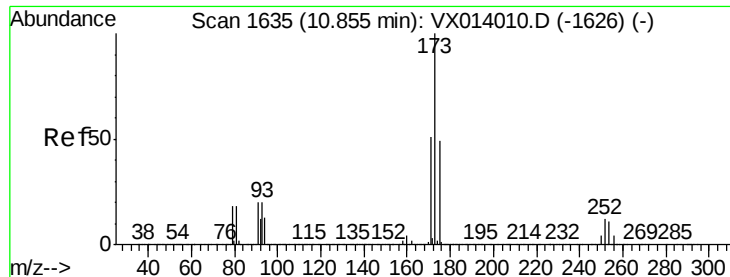
Tot Ion:106 Resp: 493415
Ion Ratio Lower Upper
106 100
91 209.9 104.2 312.6



#70
Styrene
Concen: 49.361 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:104 Resp: 848544
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.2 42.9 64.3

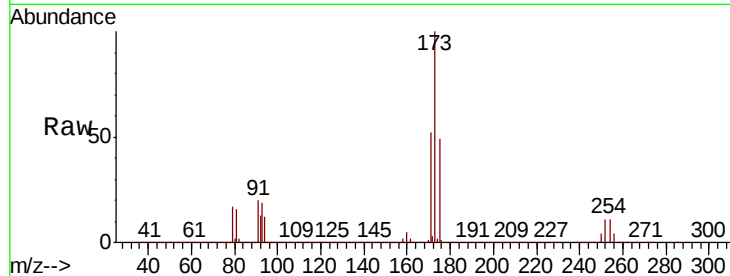




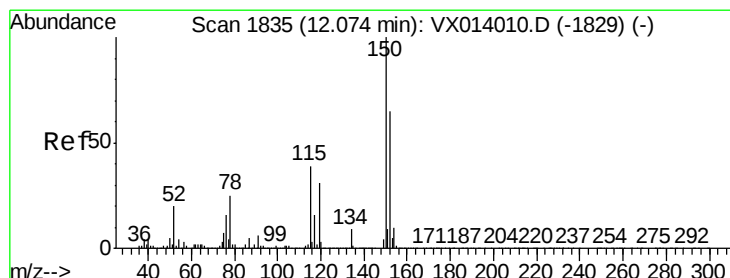
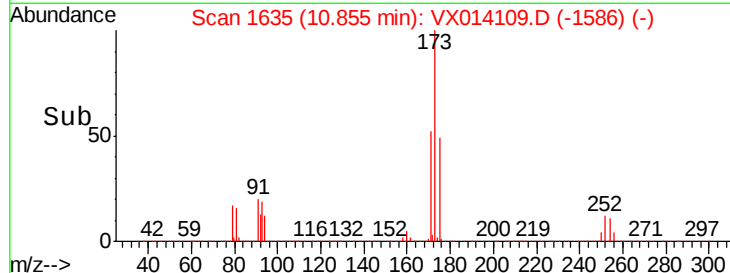
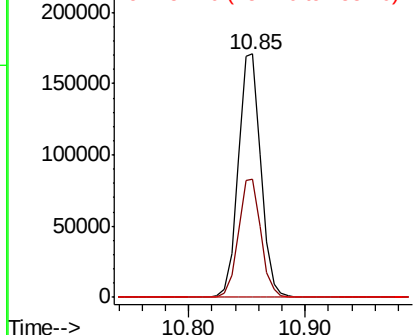
#71
Bromoform
Concen: 51.233 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 230509
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.2 0.2 0.2

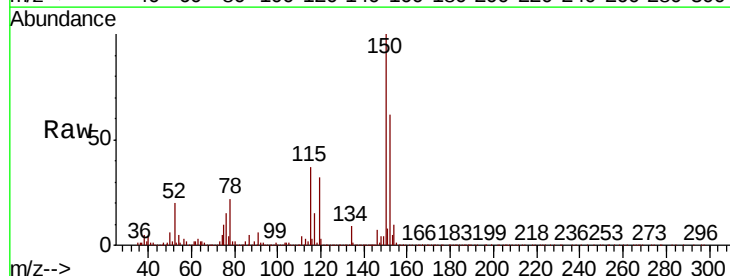


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

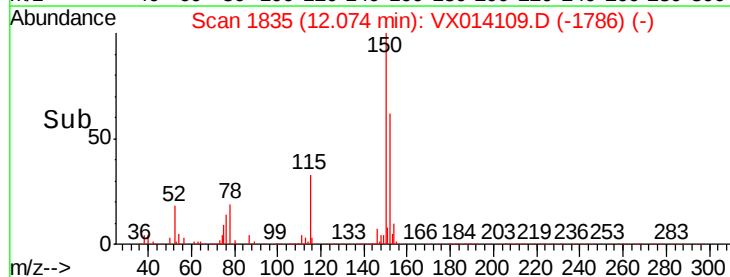
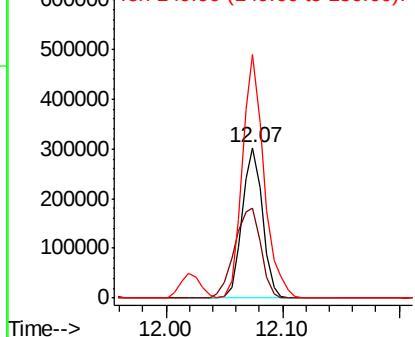


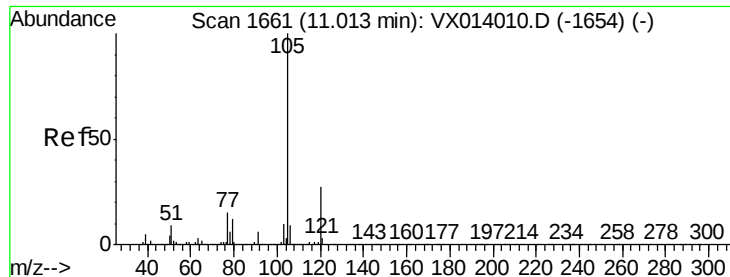
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:152 Resp: 366945
Ion Ratio Lower Upper
152 100
115 77.6 38.3 114.9
150 173.0 0.0 345.4



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





#73

Isopropylbenzene

Concen: 50.592 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

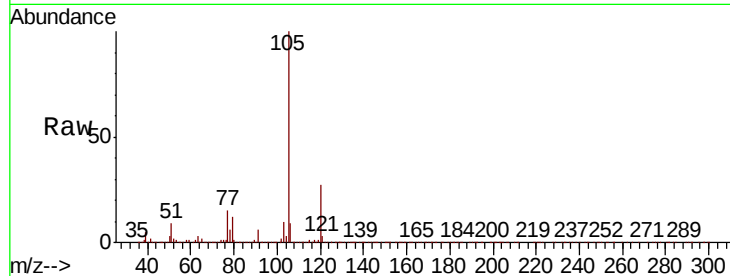
VSTDCCC050EC

Tot Ion:105 Resp: 1307081

Ion Ratio Lower Upper

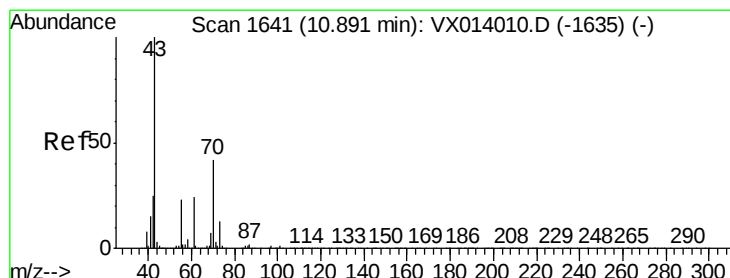
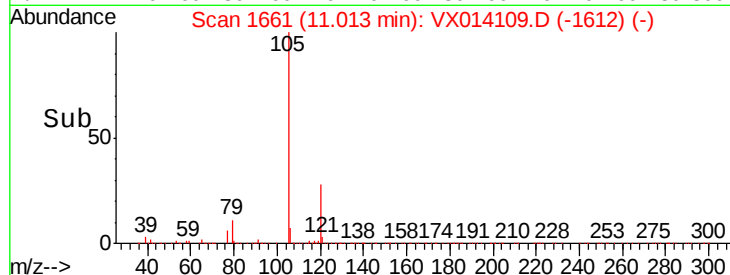
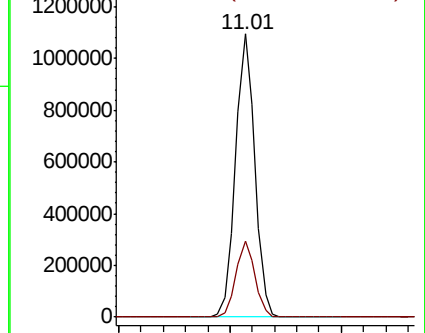
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.147 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion: 43 Resp: 619408

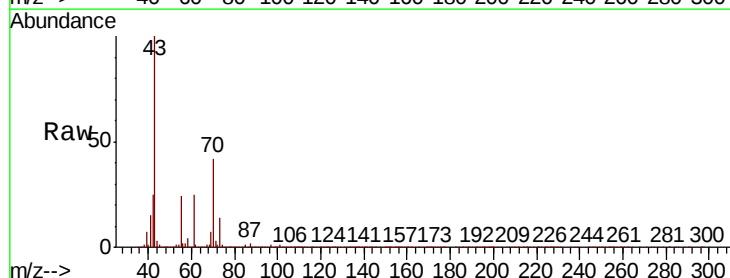
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 24.2 19.1 28.7

61 25.0 19.7 29.5

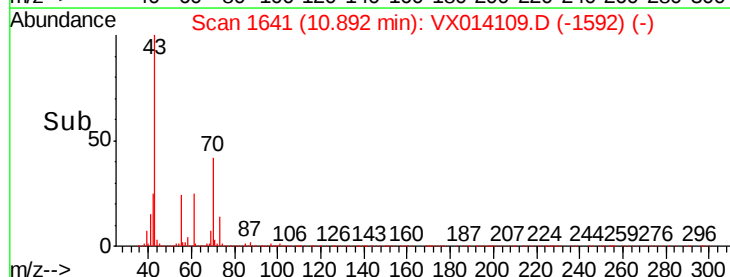
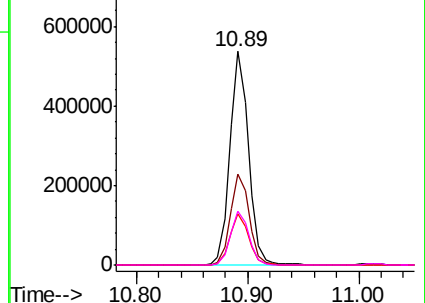


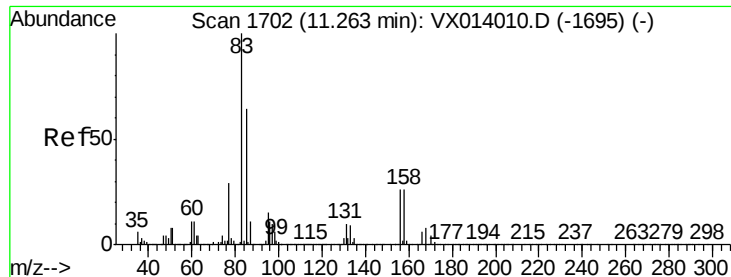
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.301 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

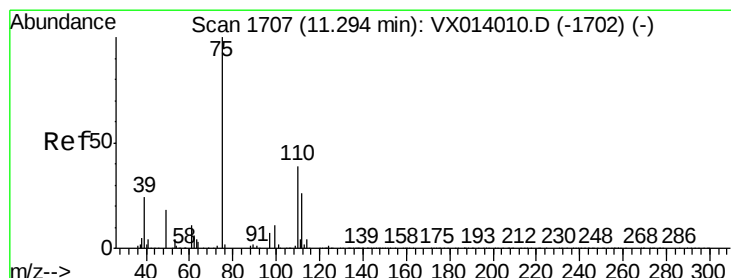
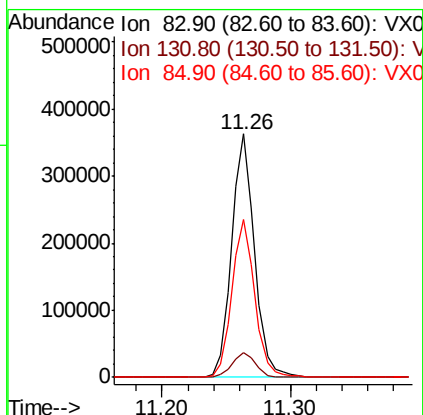
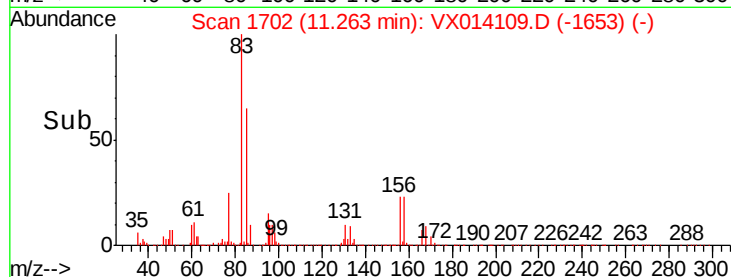
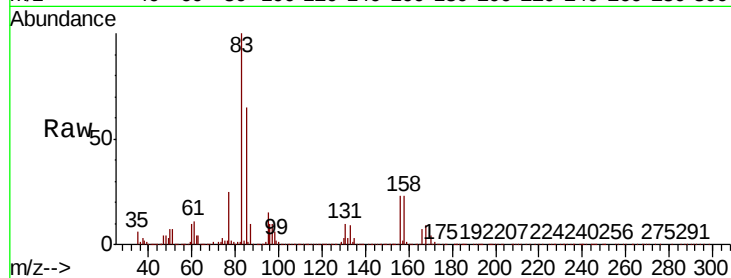
Tot Ion: 83 Resp: 450552

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 65.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 64.337 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014109.D

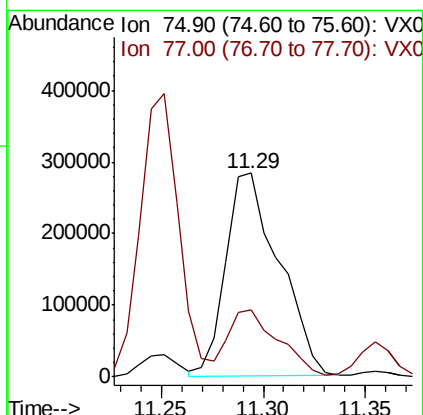
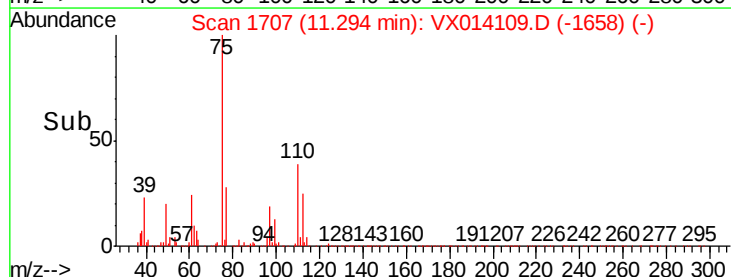
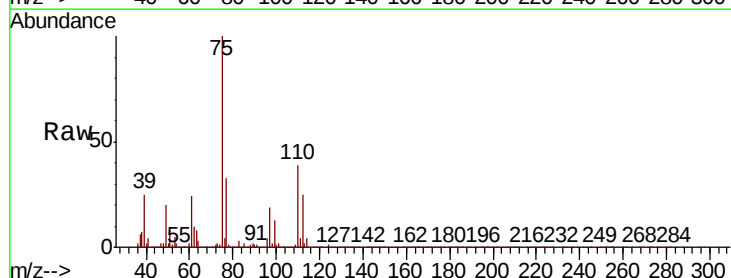
Acq: 18 Dec 2019 20:04

Tgt Ion: 75 Resp: 512532

Ion Ratio Lower Upper

75 100

77 30.9 19.3 57.8

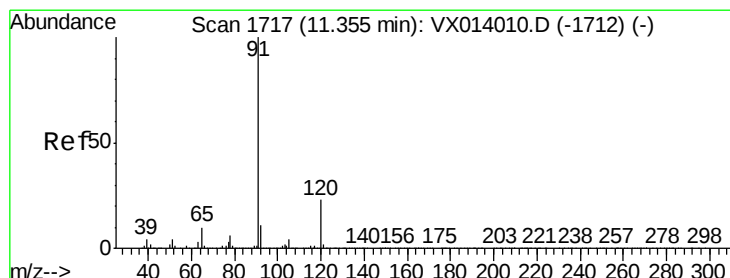
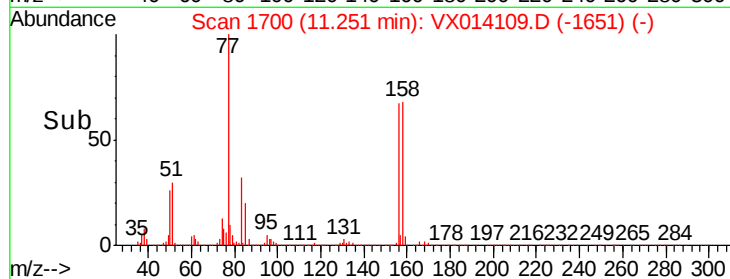
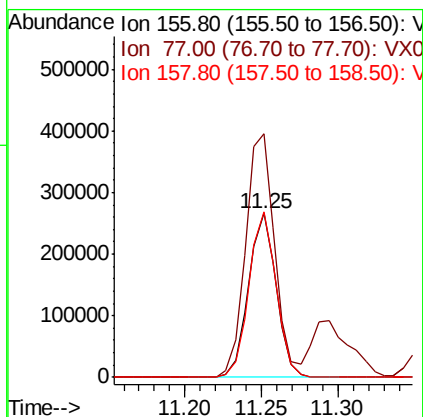
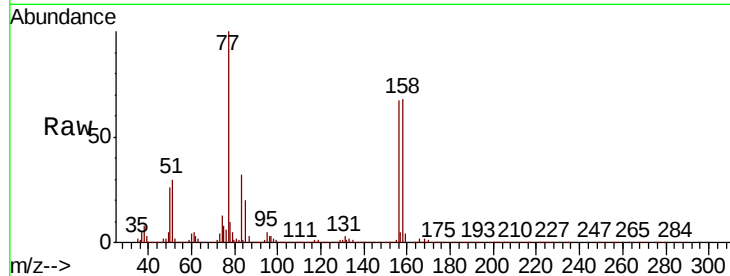




#77
Bromobenzene
Concen: 46.896 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

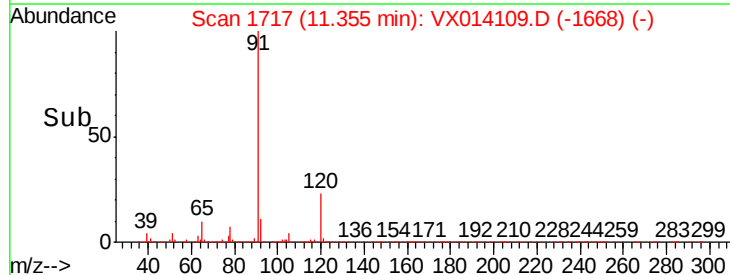
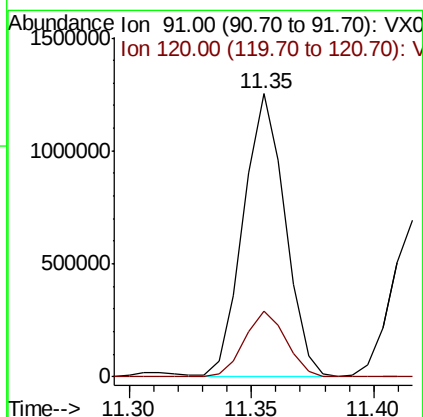
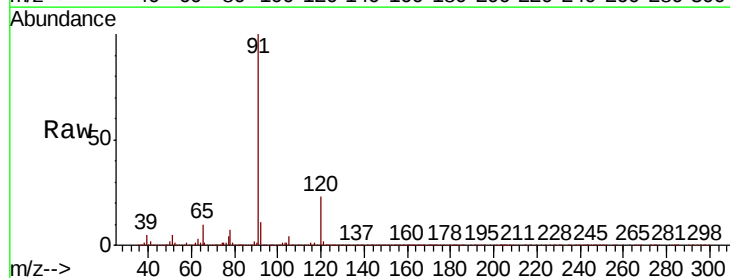
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

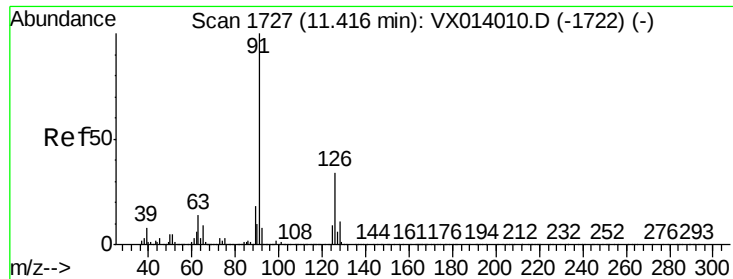
Tot Ion:156 Resp: 333351
Ion Ratio Lower Upper
156 100
77 156.2 76.5 229.5
158 99.9 49.3 147.9



#78
n-propylbenzene
Concen: 50.974 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 91 Resp: 1477197
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0

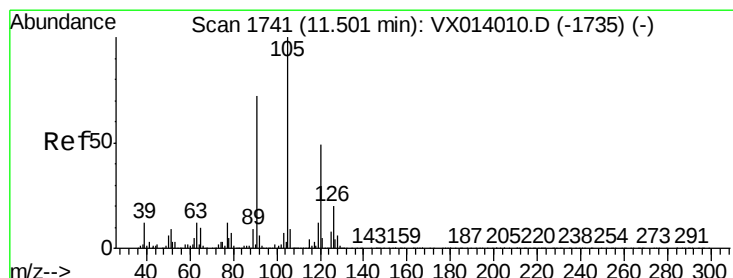
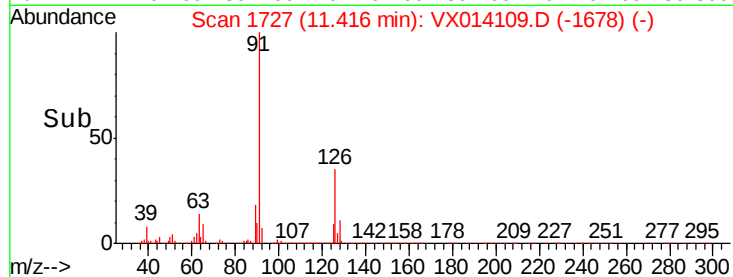
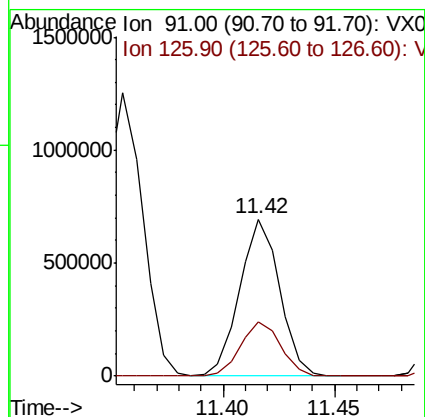
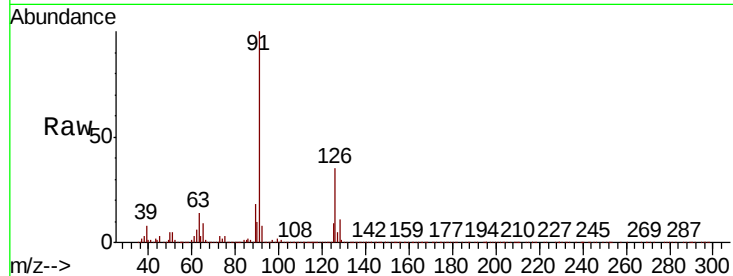




#79
 2-Chlorotoluene
 Concen: 49.073 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

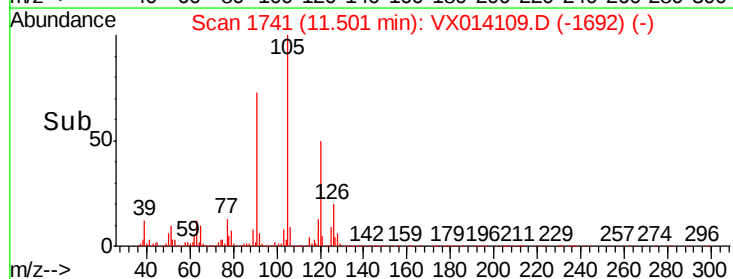
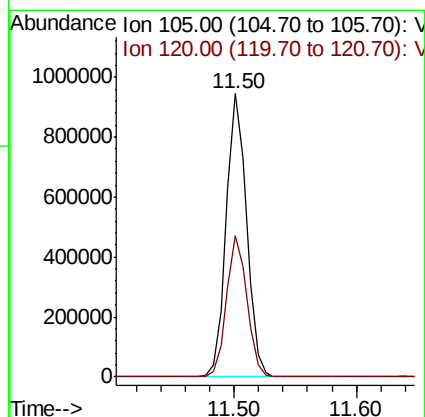
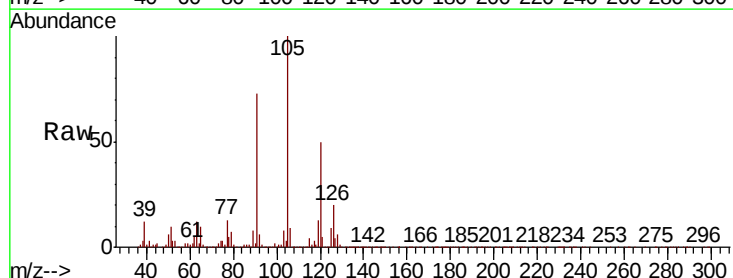
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

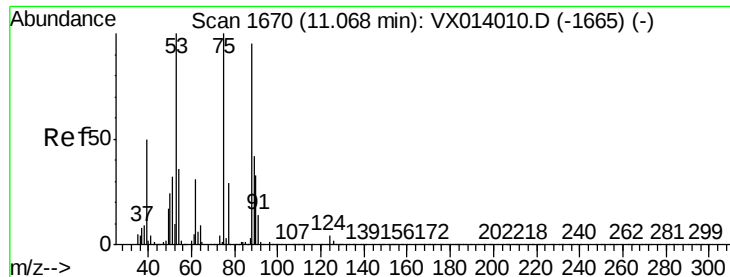
Tot Ion: 91 Resp: 864455
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.989 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion: 105 Resp: 1086941
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.375 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

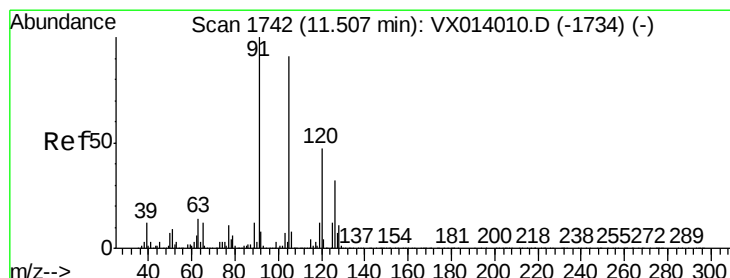
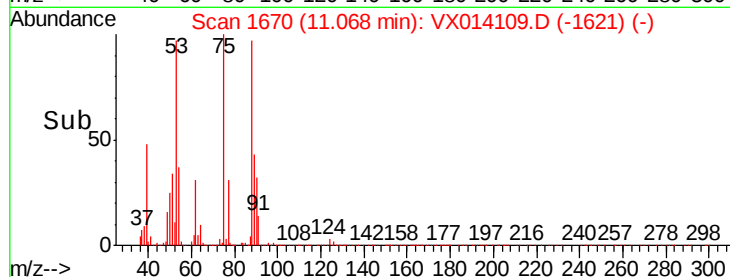
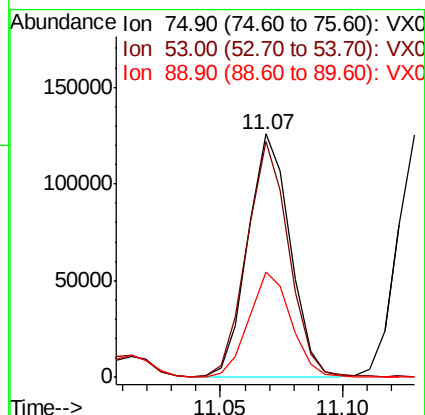
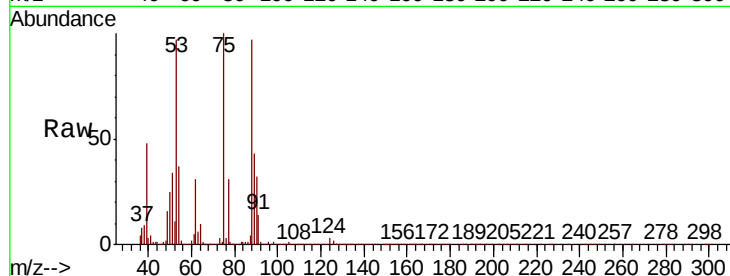
Tot Ion: 75 Resp: 150647

Ion Ratio Lower Upper

75 100

53 96.3 76.7 115.1

89 43.7 34.6 51.8



#82

4-Chlorotoluene

Concen: 48.818 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014109.D

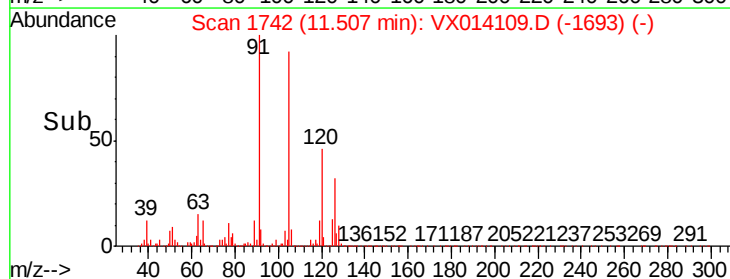
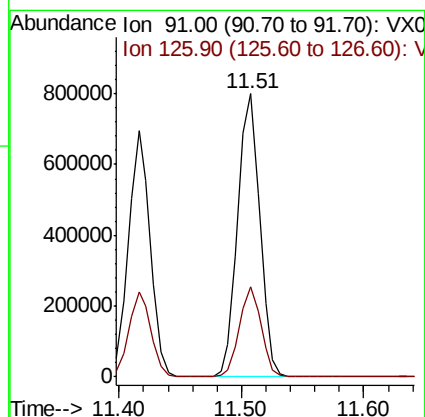
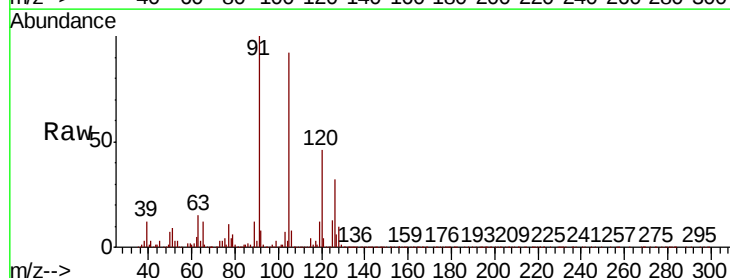
Acq: 18 Dec 2019 20:04

Tgt Ion: 91 Resp: 997540

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.8

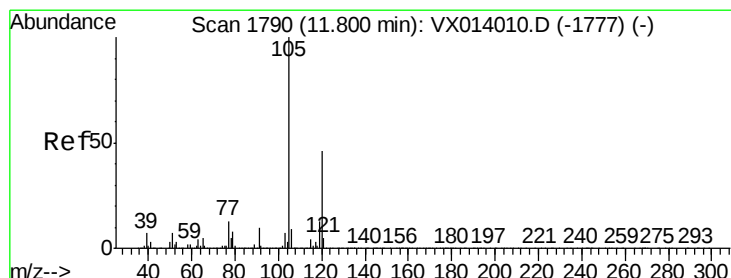
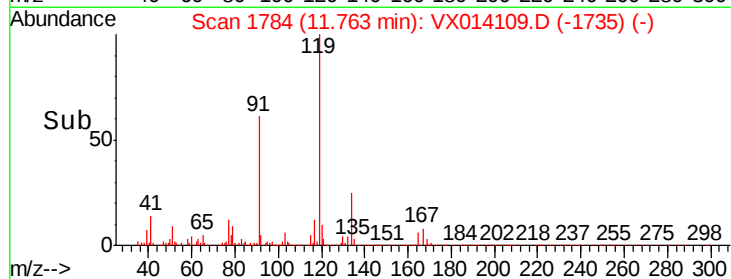
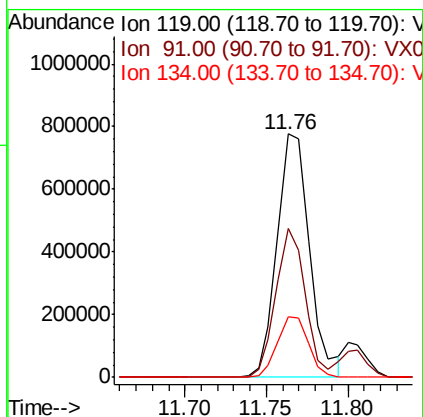
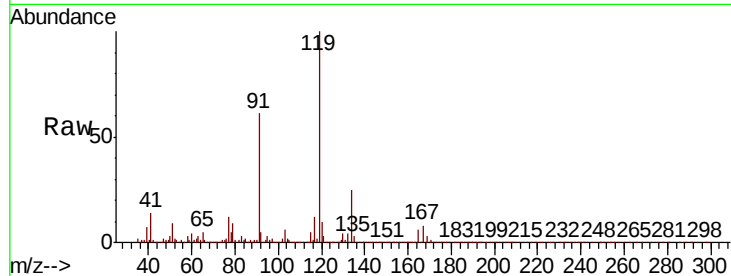




#83
tert-Butylbenzene
Concen: 50.531 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

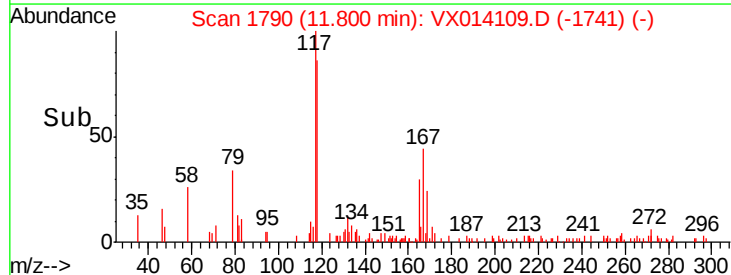
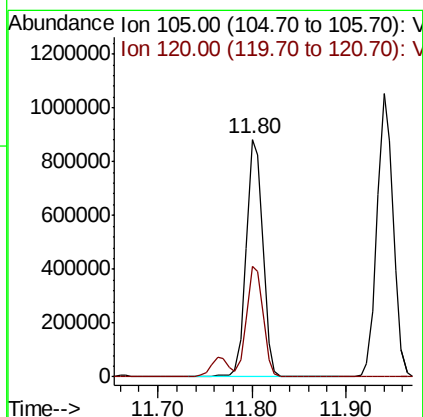
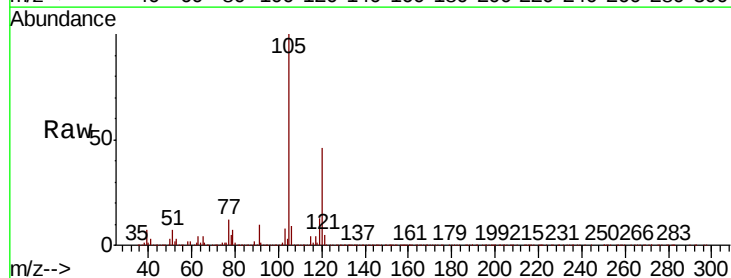
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

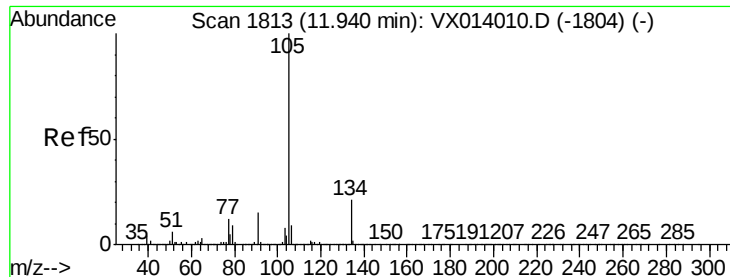
Tot Ion:119 Resp: 1069237
Ion Ratio Lower Upper
119 100
91 55.2 28.5 85.6
134 23.8 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 49.780 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:105 Resp: 1083945
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.140 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

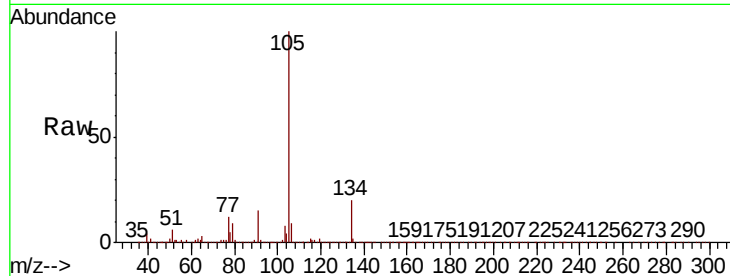
VSTDCCC050EC

Tot Ion:105 Resp: 1252495

Ion Ratio Lower Upper

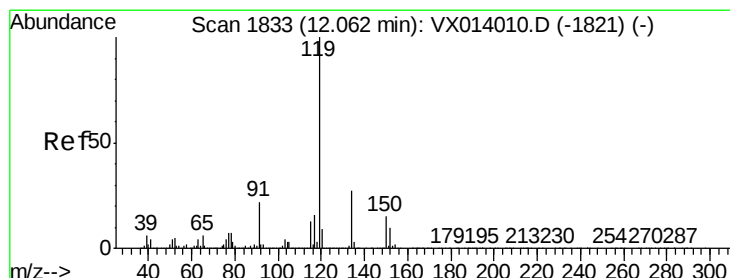
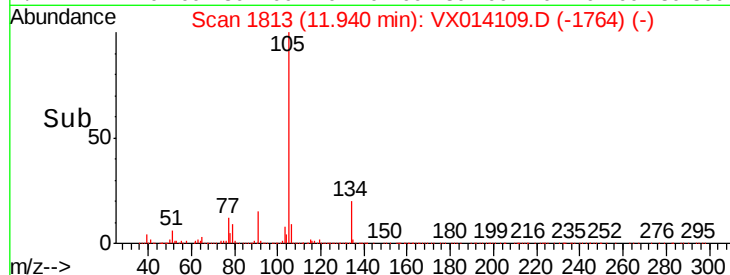
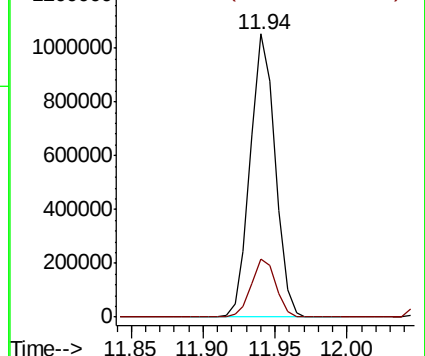
105 100

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: 50.330 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

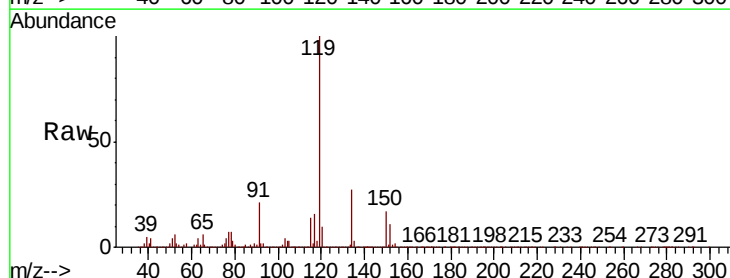
Tgt Ion:119 Resp: 1150049

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

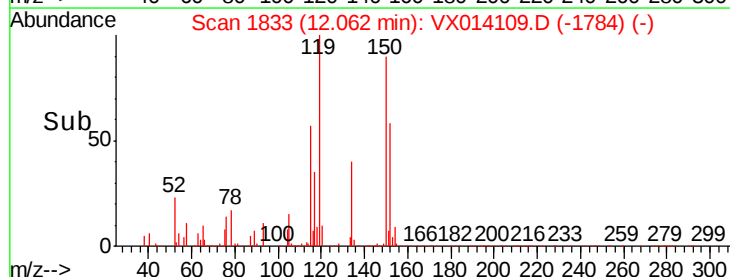
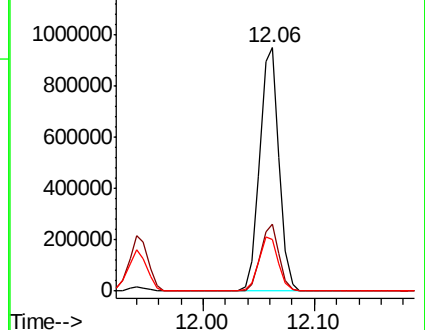
91 22.6 11.4 34.1

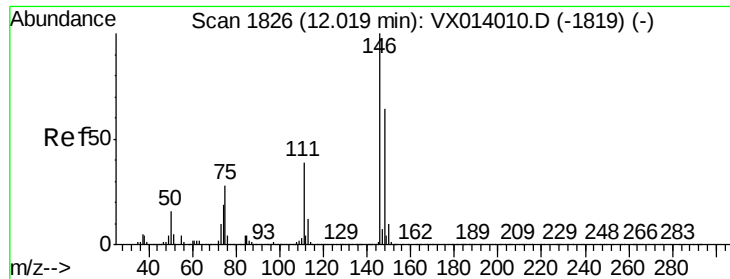


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.609 ug/l

RT: 12.02 min Scan# 1826

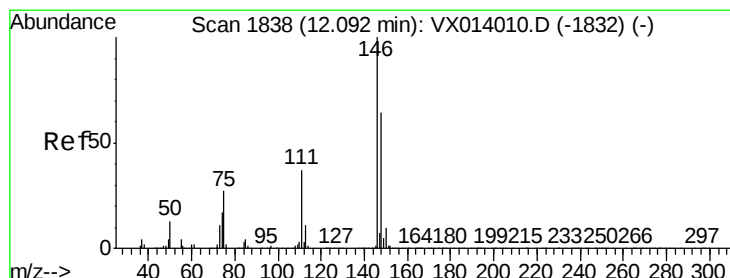
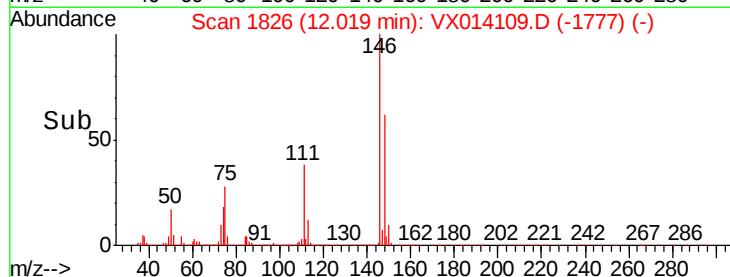
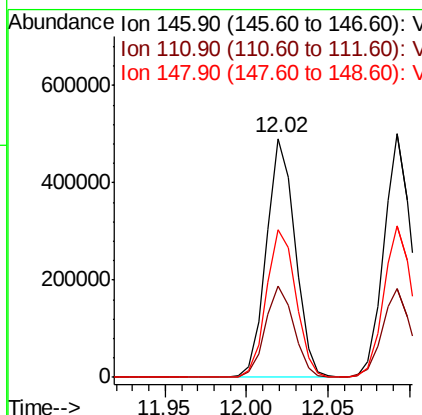
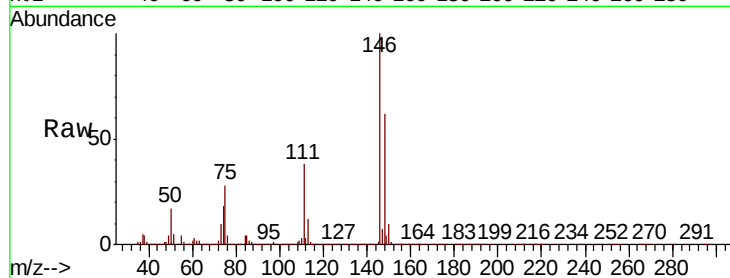
Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	63.8	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 46.436 ug/l

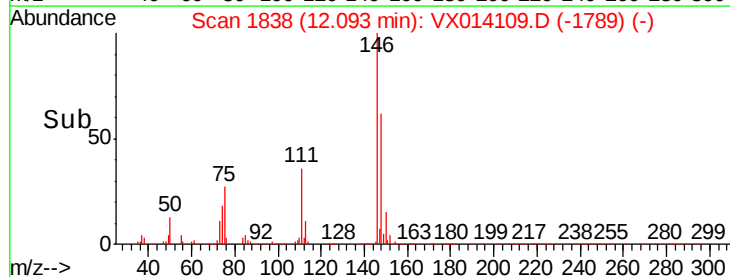
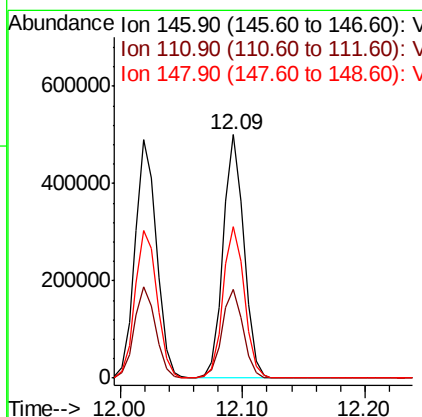
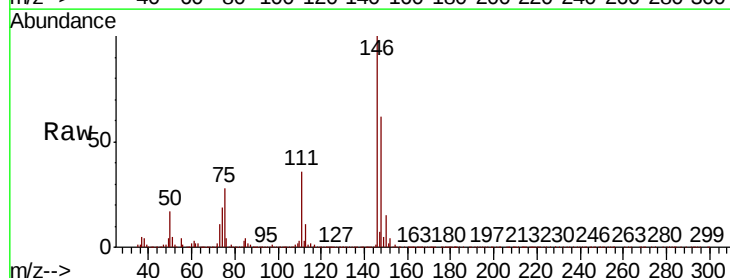
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	63.7	31.9	95.9

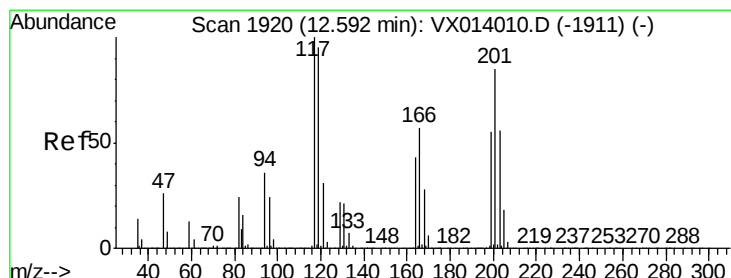
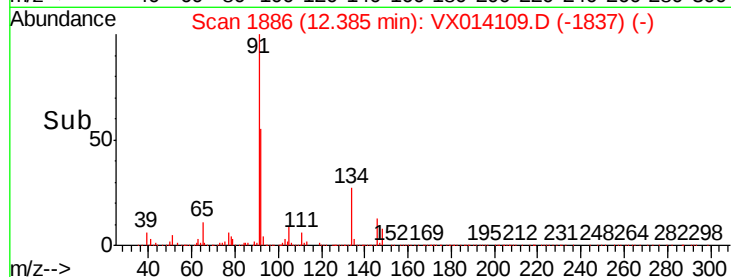
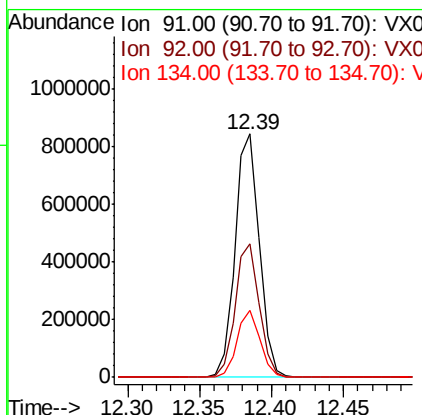
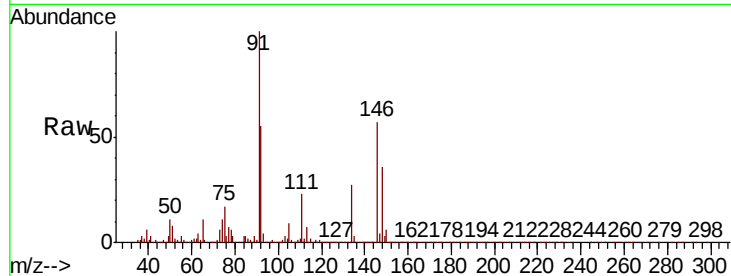




#89
n-Butylbenzene
Concen: 50.806 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

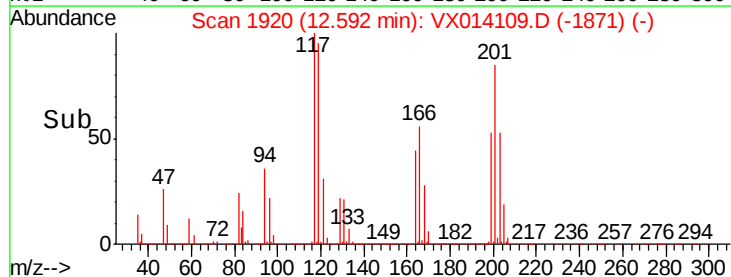
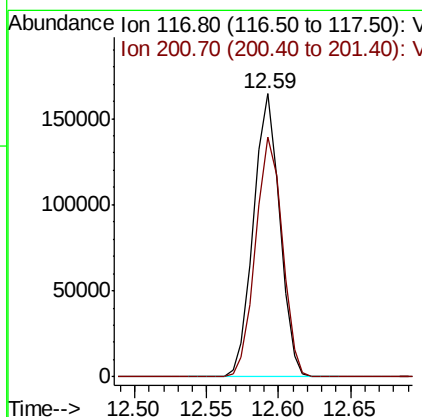
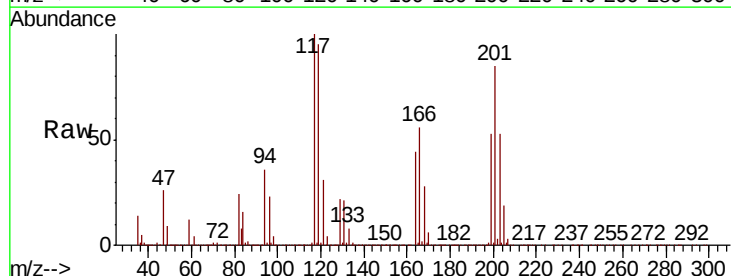
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

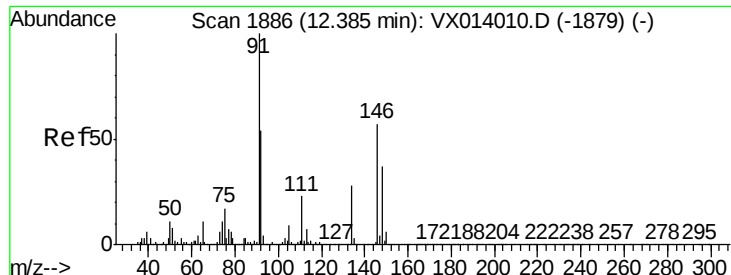
Tot Ion: 91 Resp: 990574
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 26.4 13.4 40.1



#90
Hexachloroethane
Concen: 50.187 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion: 117 Resp: 205982
Ion Ratio Lower Upper
117 100
201 86.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 46.985 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

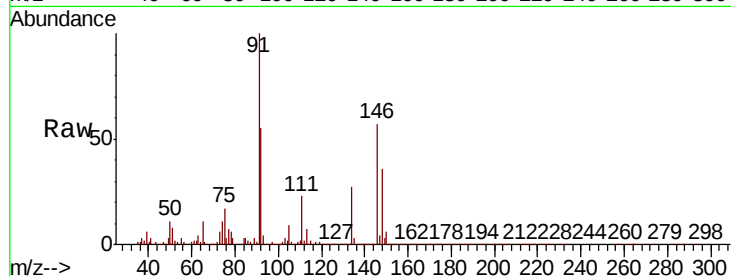
Tot Ion:146 Resp: 589246

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

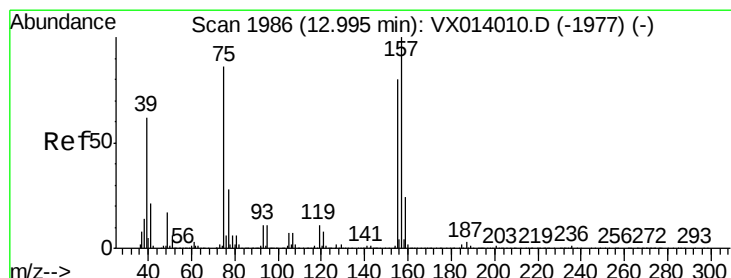
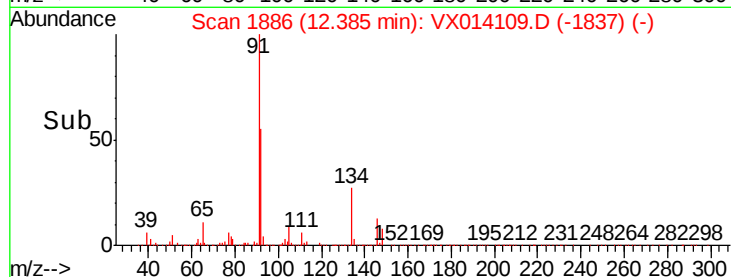
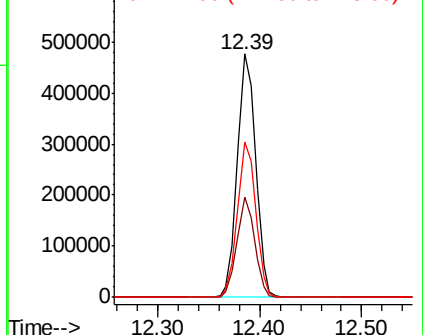
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.692 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014109.D

Acq: 18 Dec 2019 20:04

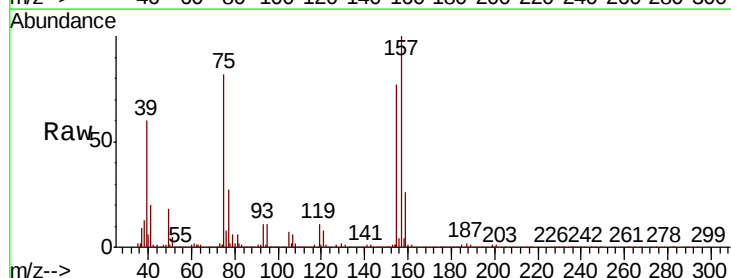
Tgt Ion: 75 Resp: 94532

Ion Ratio Lower Upper

75 100

155 97.7 46.9 140.6

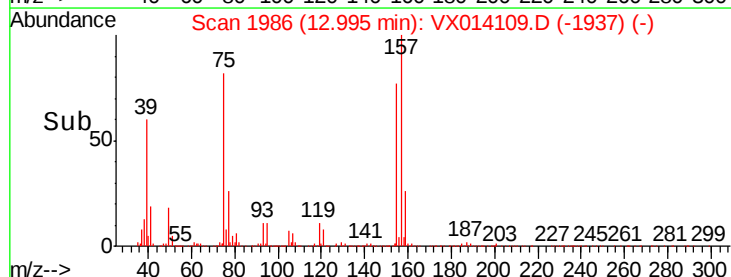
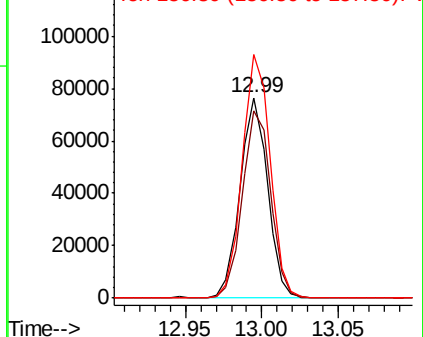
157 125.3 60.8 182.4

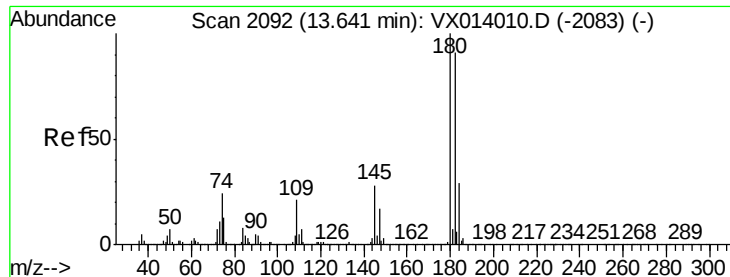


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

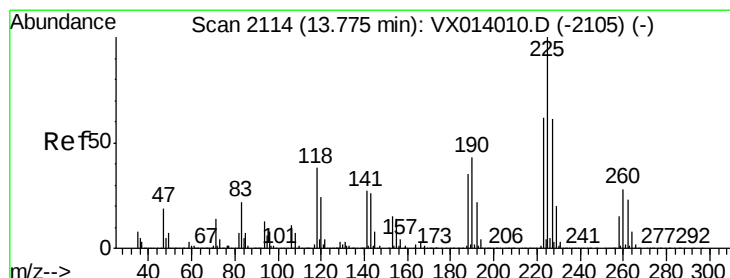
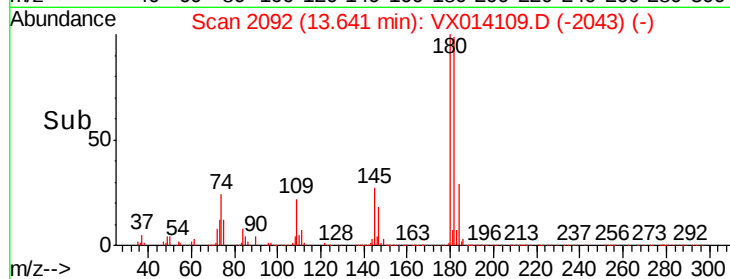
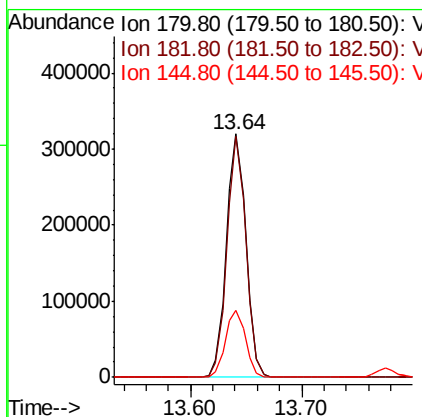
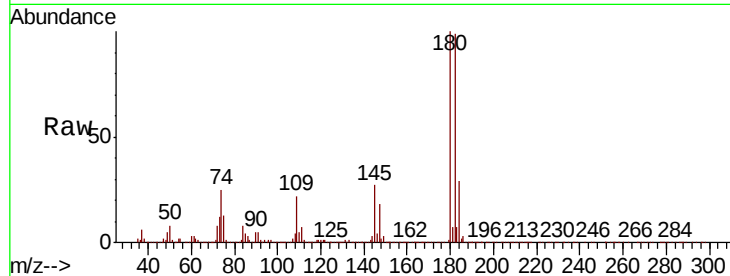




#93
 1,2,4-Trichlorobenzene
 Concen: 47.725 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

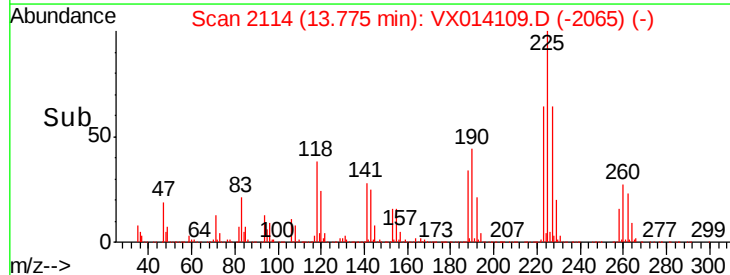
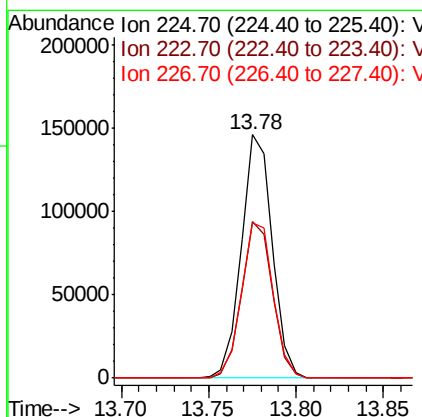
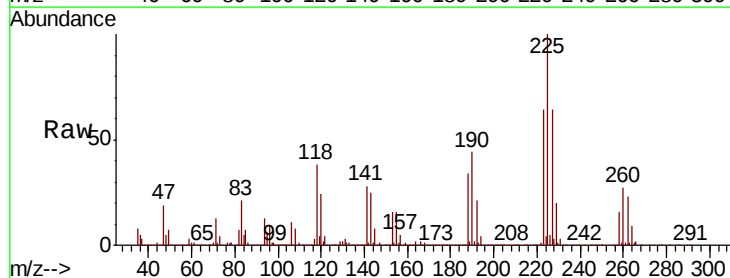
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

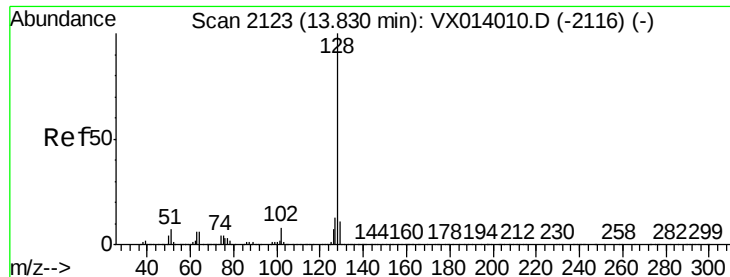
Tot Ion:180 Resp: 389016
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.6 139.8
 145 28.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 45.617 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014109.D
 Acq: 18 Dec 2019 20:04

Tgt Ion:225 Resp: 178702
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.9 92.5
 227 65.5 30.9 92.7

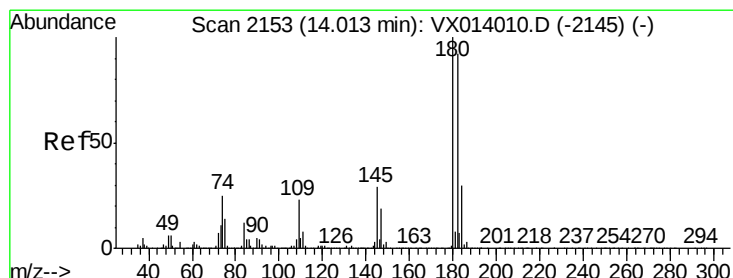
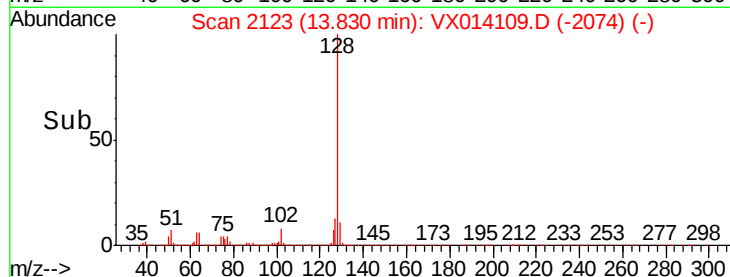
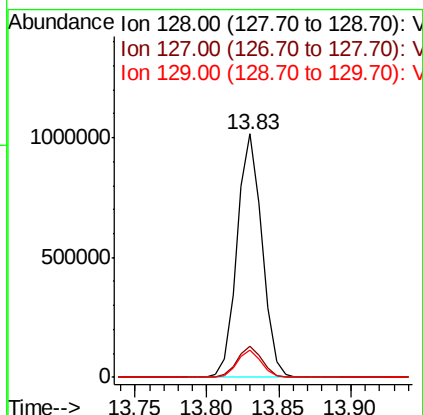
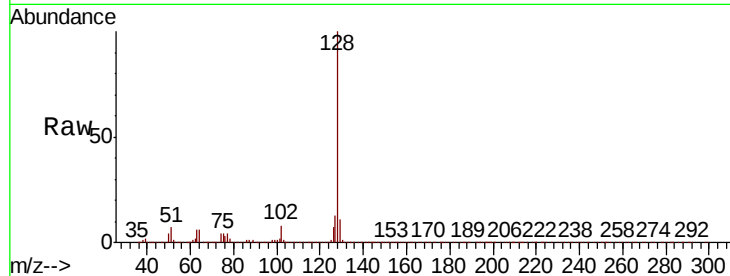




#95
Naphthalene
Concen: 51.242 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1227171
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.821 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014109.D
Acq: 18 Dec 2019 20:04

Tgt Ion:180 Resp: 400883
Ion Ratio Lower Upper
180 100
182 92.6 46.8 140.3
145 29.8 14.8 44.4

