

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014548.D
 Acq On : 10 Jan 2020 19:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 10 23:38:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	441489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	684043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261390	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	5.49	113	217345	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.71	98	849122	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.13	95	304480	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	289353	52.776	ug/l	99
3) Chloromethane	1.32	50	294907	52.403	ug/l	98
4) Vinyl Chloride	1.40	62	347578	55.427	ug/l	98
5) Bromomethane	1.63	94	200154	48.151	ug/l	97
6) Chloroethane	1.72	64	189795	55.688	ug/l	99
7) Trichlorofluoromethane	1.92	101	374302	52.618	ug/l	98
8) Diethyl Ether	2.18	74	166073	51.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218428	50.471	ug/l	99
10) Methyl Iodide	2.50	142	307292	59.298	ug/l	99
11) Tert butyl alcohol	3.03	59	263628	256.182	ug/l	97
12) 1,1-Dichloroethene	2.37	96	221680	50.840	ug/l	99
13) Acrolein	2.28	56	212195	257.261	ug/l	98
14) Allyl chloride	2.72	41	395111	51.612	ug/l	100
15) Acrylonitrile	3.13	53	678358	273.126	ug/l	100
16) Acetone	2.43	43	623812	252.478	ug/l	98
17) Carbon Disulfide	2.56	76	589118	48.421	ug/l	99
18) Methyl Acetate	2.76	43	424380	59.910	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	758103	54.160	ug/l	99
20) Methylene Chloride	2.85	84	254693	51.369	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	236928	49.772	ug/l	97
22) Diisopropyl ether	3.84	45	811527	54.854	ug/l	96
23) Vinyl Acetate	3.80	43	2357380	205.813	ug/l	99
24) 1,1-Dichloroethane	3.69	63	438626	54.501	ug/l	99
25) 2-Butanone	4.65	43	953573	259.019	ug/l	99
26) 2,2-Dichloropropane	4.57	77	318686	46.745	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	276820	52.019	ug/l	99
28) Bromochloromethane	5.01	49	174828	51.553	ug/l	95
29) Tetrahydrofuran	5.11	42	608705	279.654	ug/l	99
30) Chloroform	5.20	83	427866	54.406	ug/l	98
31) Cyclohexane	5.57	56	409648	54.380	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	360939	53.618	ug/l	99
36) 1,1-Dichloropropene	5.79	75	323175	50.239	ug/l	99
37) Ethyl Acetate	4.82	43	366271	52.419	ug/l	99
38) Carbon Tetrachloride	5.78	117	305606	51.626	ug/l	99

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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	405865	50.220	ug/l	96
40) Benzene	6.14	78	1005157	52.647	ug/l	99
41) Methacrylonitrile	5.03	41	203441	54.598	ug/l	99
42) 1,2-Dichloroethane	6.19	62	343434	51.447	ug/l	99
43) Isopropyl Acetate	6.43	43	608144	53.877	ug/l	100
44) Trichloroethene	7.21	130	291468	53.122	ug/l	99
45) 1,2-Dichloropropane	7.51	63	257999	53.003	ug/l	99
46) Dibromomethane	7.65	93	168699	49.655	ug/l	99
47) Bromodichloromethane	7.89	83	330609	53.480	ug/l	98
48) Methyl methacrylate	7.76	41	296562	54.856	ug/l	100
49) 1,4-Dioxane	7.73	88	107356	937.192	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1885114	274.066	ug/l	99
52) Toluene	8.78	92	631574	51.676	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	365897	50.839	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	411830	52.971	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	256334	52.217	ug/l	98
56) Ethyl methacrylate	9.17	69	409728	54.479	ug/l	99
57) 1,3-Dichloropropane	9.37	76	432077	52.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	694768	271.514	ug/l	99
59) 2-Hexanone	9.48	43	1418575	260.651	ug/l	100
60) Dibromochloromethane	9.58	129	269334	54.585	ug/l	99
61) 1,2-Dibromoethane	9.67	107	266472	51.244	ug/l	100
64) Tetrachloroethene	9.33	164	395475	63.413	ug/l	97
65) Chlorobenzene	10.14	112	677724	50.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	248709	51.607	ug/l	99
67) Ethyl Benzene	10.25	91	1197297	52.017	ug/l	98
68) m/p-Xylenes	10.36	106	916944	103.260	ug/l	99
69) o-Xylene	10.70	106	443951	52.399	ug/l	100
70) Styrene	10.71	104	765508	52.355	ug/l	99
71) Bromoform	10.85	173	203610	51.638	ug/l #	100
73) Isopropylbenzene	11.01	105	1170574	53.007	ug/l	100
74) N-amyl acetate	10.89	43	532823	54.688	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	355518	50.200	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	446092	68.559	ug/l	80
77) Bromobenzene	11.25	156	305346	49.859	ug/l	99
78) n-propylbenzene	11.35	91	1332923	52.704	ug/l	99
79) 2-Chlorotoluene	11.42	91	783139	51.956	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	978157	53.351	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126957	51.585	ug/l	98
82) 4-Chlorotoluene	11.51	91	893277	50.487	ug/l	99
83) tert-Butylbenzene	11.76	119	831011	47.970	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	980270	52.912	ug/l	99
85) sec-Butylbenzene	11.94	105	1126637	52.315	ug/l	100
86) p-Isopropyltoluene	12.06	119	1035061	51.794	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	542500	49.359	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	533572	51.694	ug/l	99
89) n-Butylbenzene	12.39	91	902436	49.389	ug/l	99
90) Hexachloroethane	12.59	117	182445	51.974	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	549083	50.991	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82175	51.584	ug/l	99

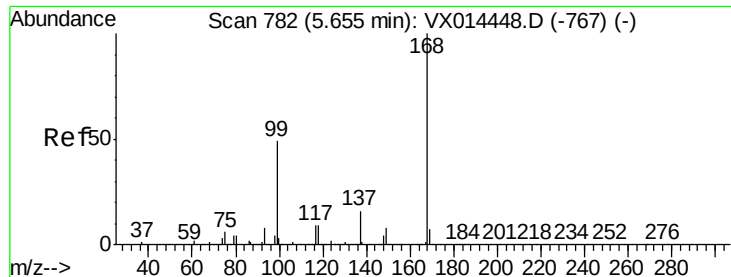
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
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QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364259	48.194	ug/l	100
94) Hexachlorobutadiene	13.78	225	172323	48.685	ug/l	98
95) Naphthalene	13.83	128	1126376	48.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	365418	49.263	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

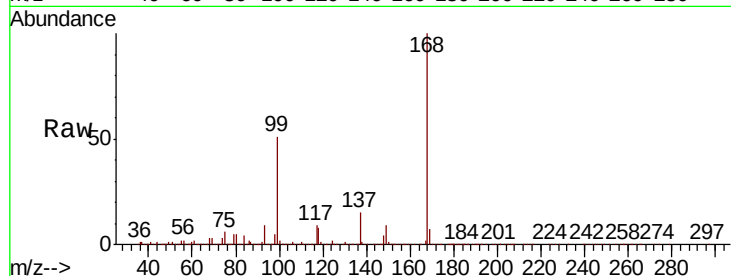
VSTDCCC050EC

Tot Ion:168 Resp: 441489

Ion Ratio Lower Upper

168 100

99 50.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

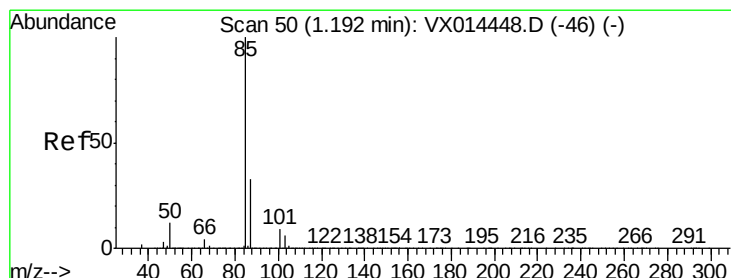
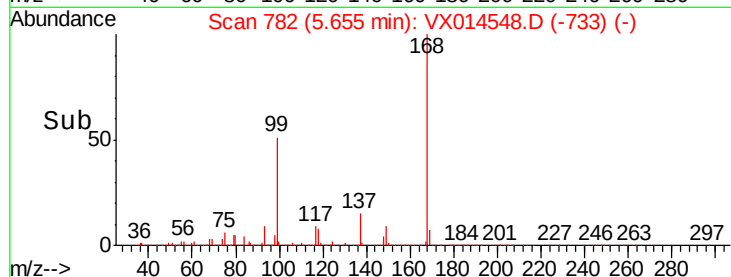
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.776 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014548.D

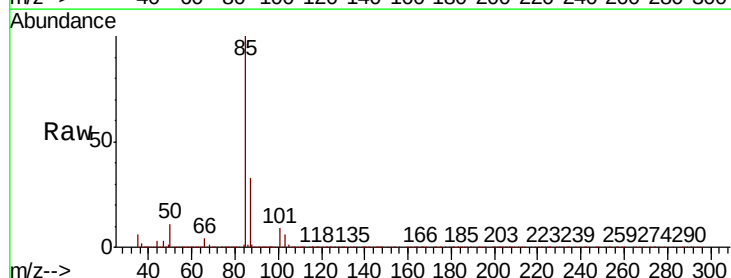
Acq: 10 Jan 2020 19:28

Tgt Ion: 85 Resp: 289353

Ion Ratio Lower Upper

85 100

87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

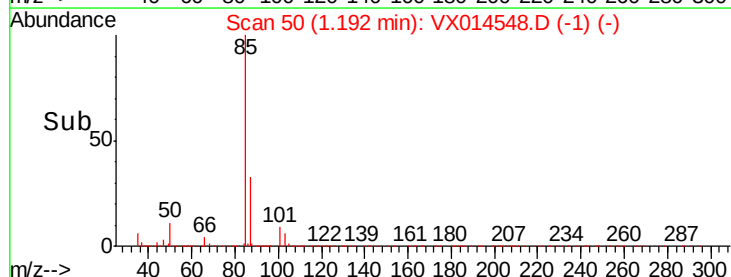
200000

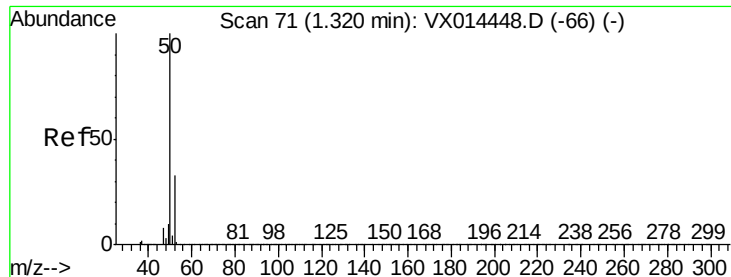
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.403 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

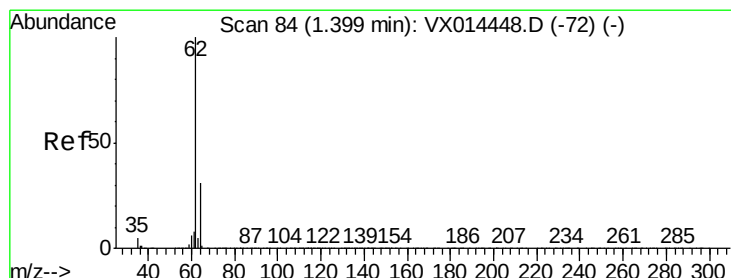
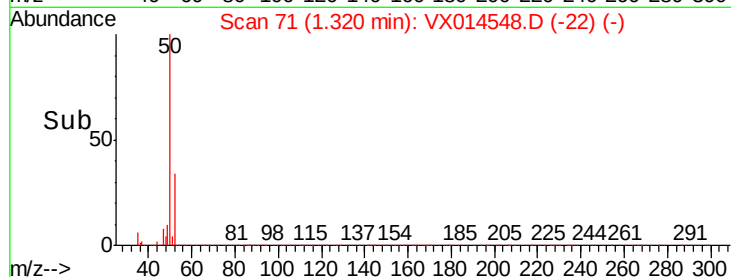
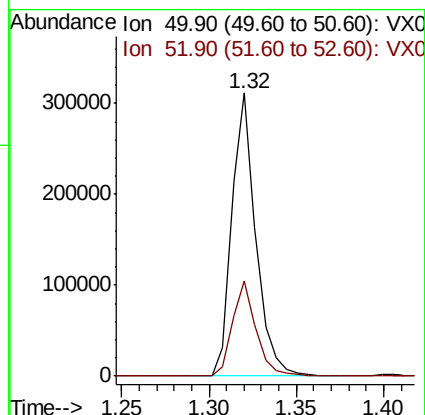
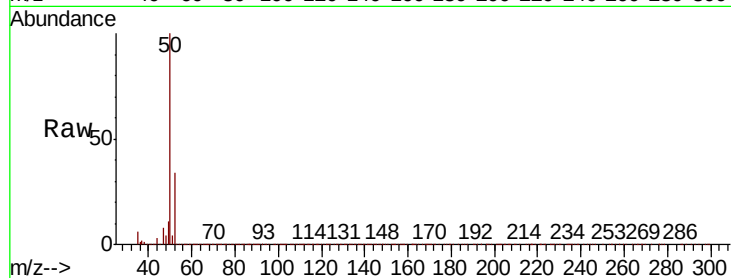
VSTDCCC050EC

Tot Ion: 50 Resp: 294907

Ion Ratio Lower Upper

50 100

52 33.7 26.1 39.1



#4

Vinyl Chloride

Concen: 55.427 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014548.D

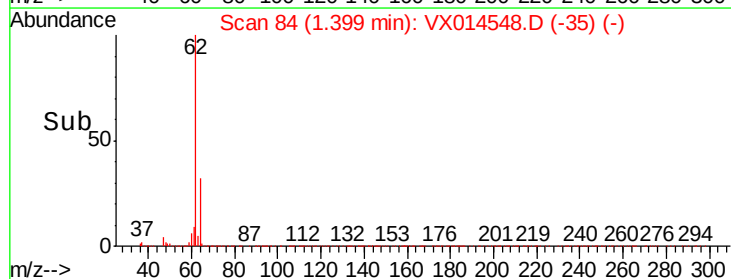
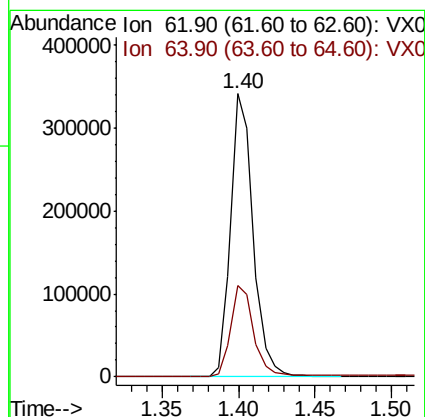
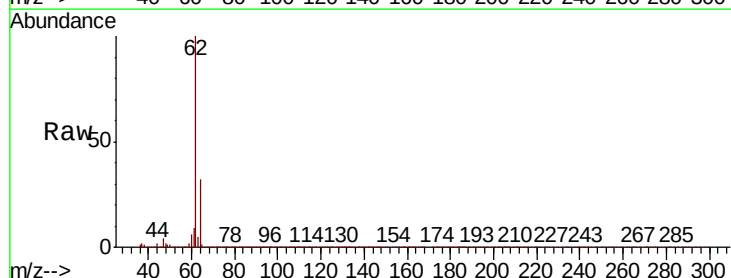
Acq: 10 Jan 2020 19:28

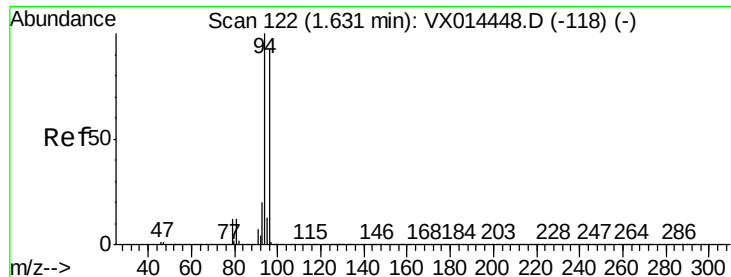
Tgt Ion: 62 Resp: 347578

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 48.151 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

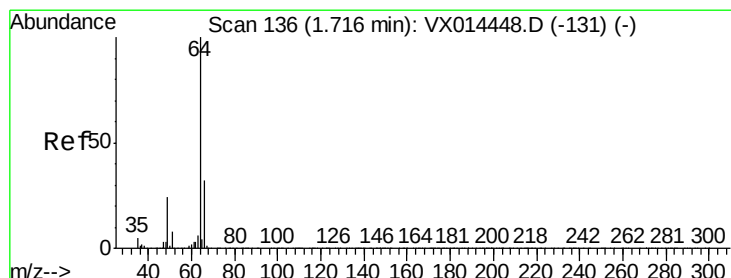
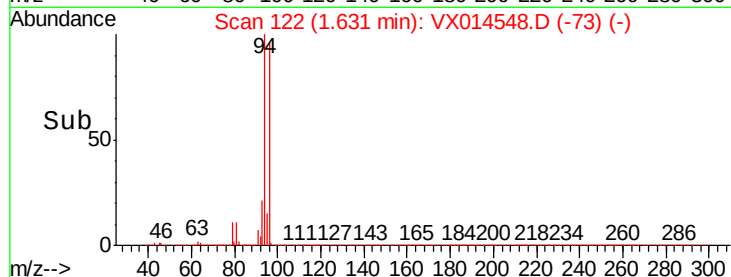
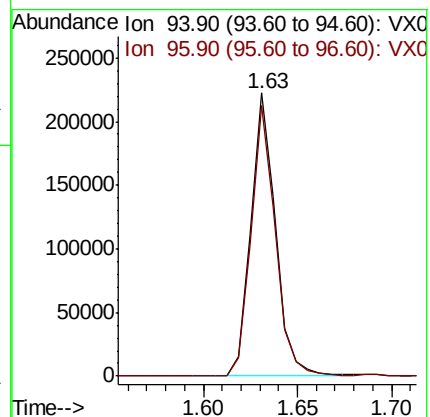
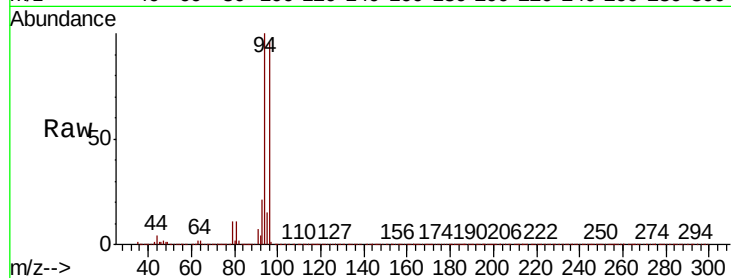
VSTDCCC050EC

Tot Ion: 94 Resp: 200154

Ion Ratio Lower Upper

94 100

96 95.6 74.2 111.2



#6

Chloroethane

Concen: 55.688 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014548.D

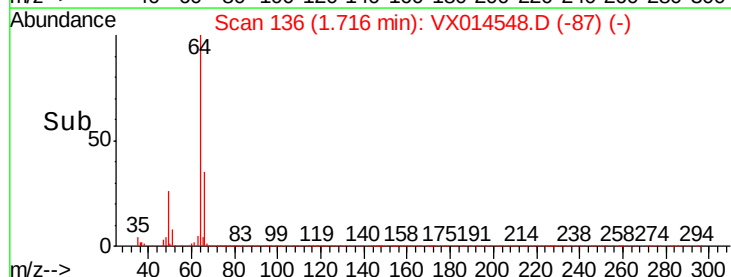
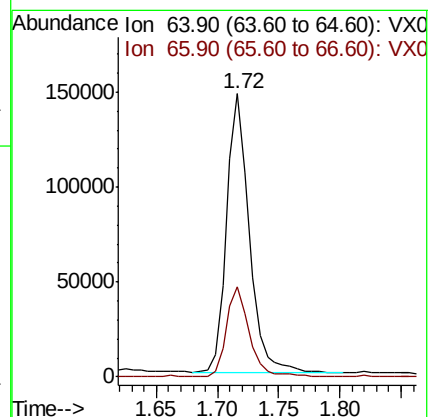
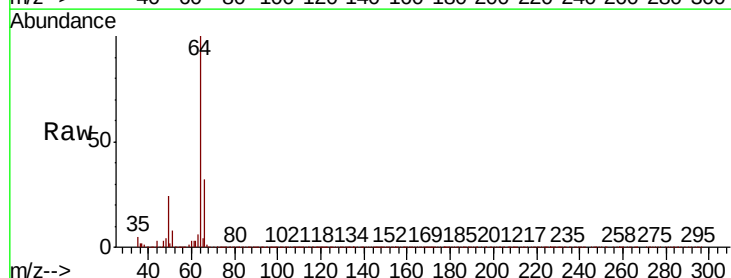
Acq: 10 Jan 2020 19:28

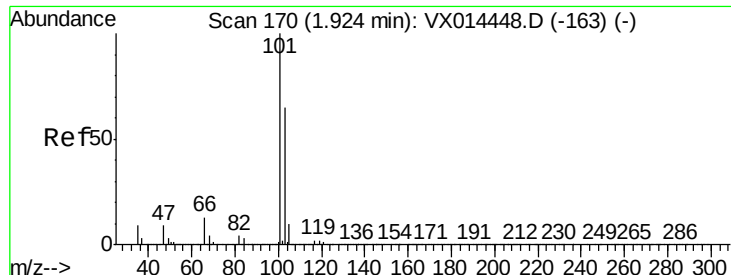
Tgt Ion: 64 Resp: 189795

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9



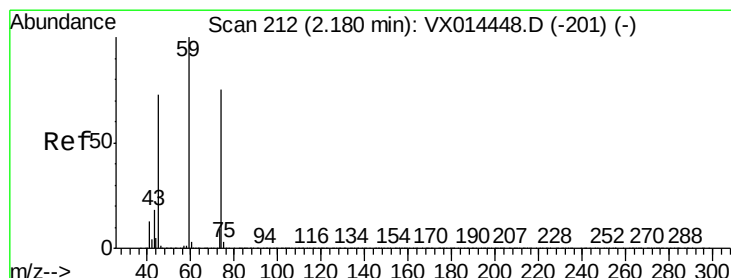
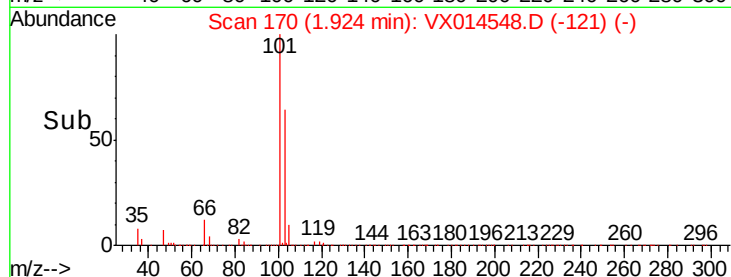
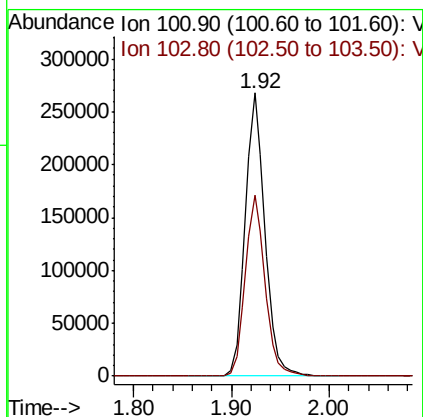
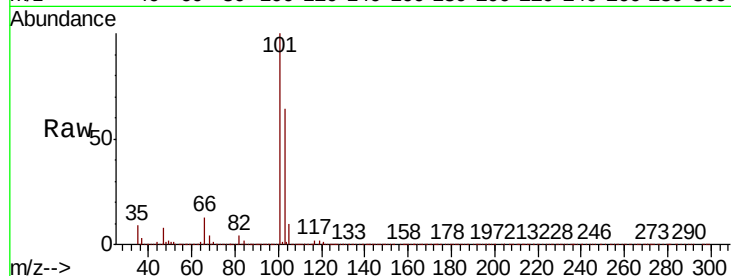


#7

Trichlorofluoromethane
Concen: 52.618 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Instrument :
MSVOA_X
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VSTDCCC050EC

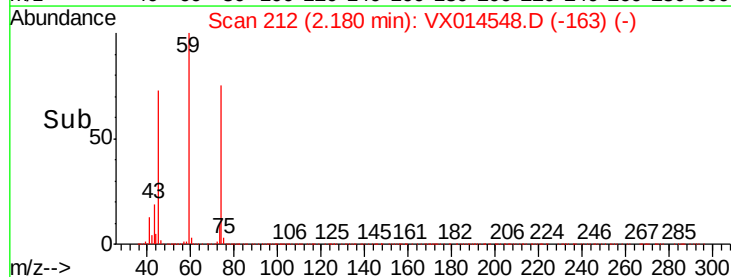
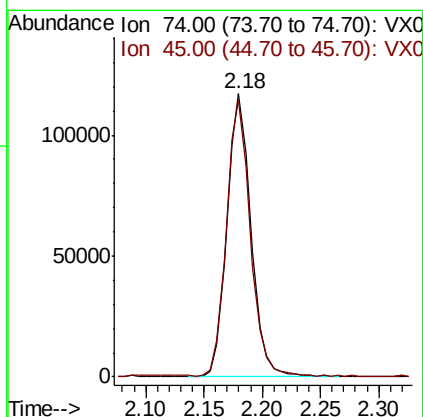
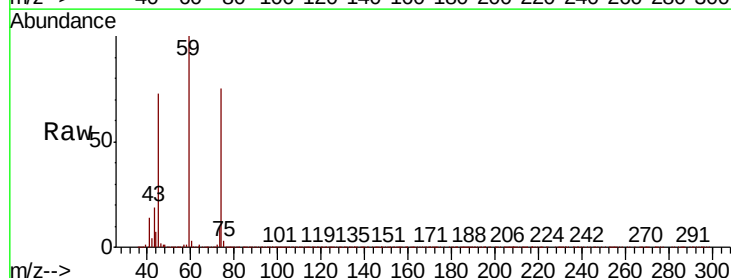
Tot Ion:101 Resp: 374302
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

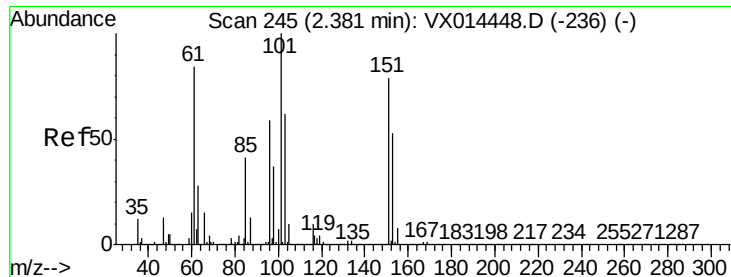


#8

Diethyl Ether
Concen: 51.172 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 74 Resp: 166073
Ion Ratio Lower Upper
74 100
45 97.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.471 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

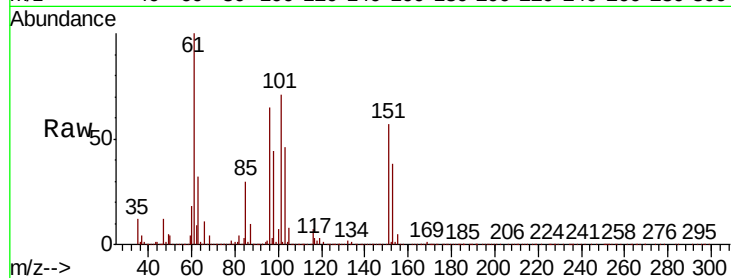
Tot Ion:101 Resp: 218428

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

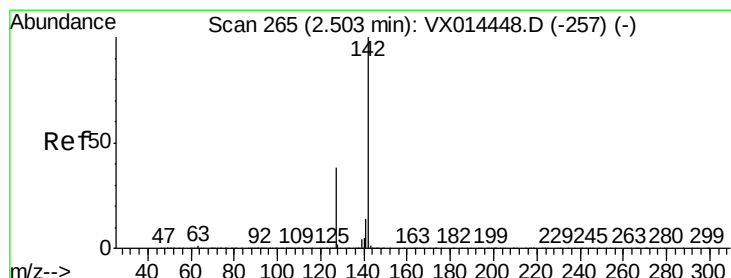
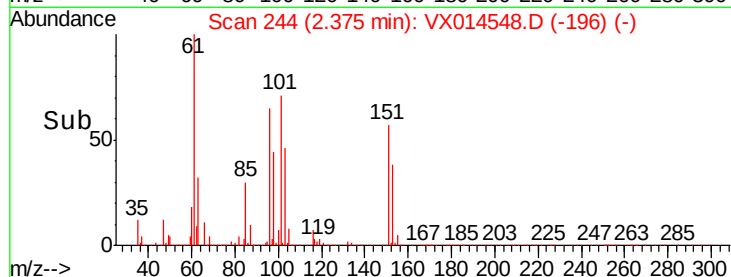
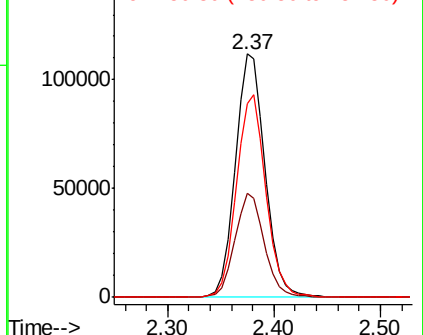
151 82.6 65.3 97.9



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: 59.298 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

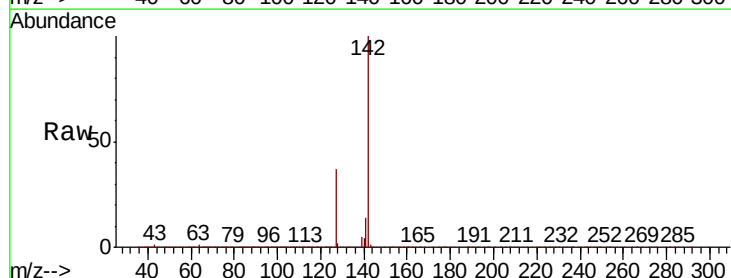
Tgt Ion:142 Resp: 307292

Ion Ratio Lower Upper

142 100

127 38.4 31.2 46.8

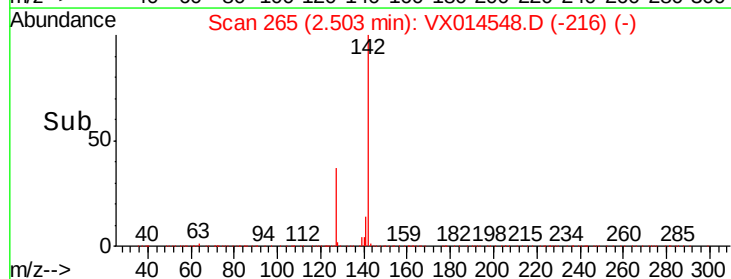
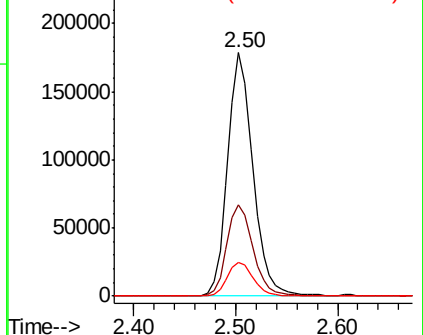
141 14.0 11.4 17.2

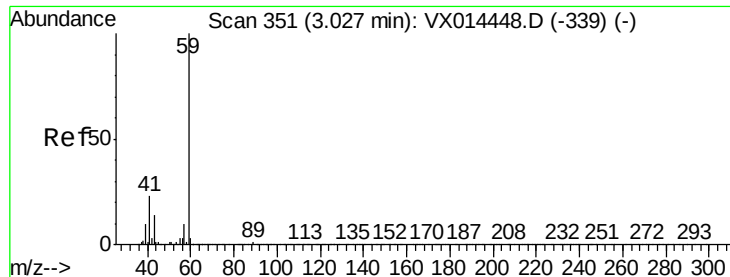


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



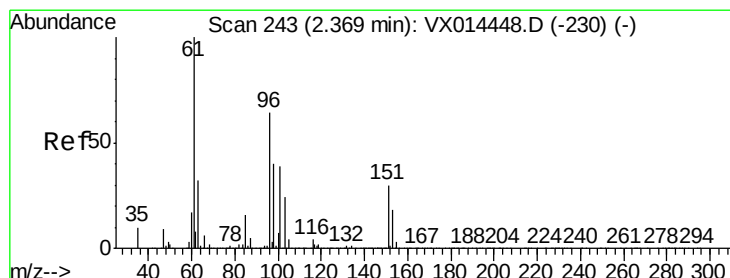
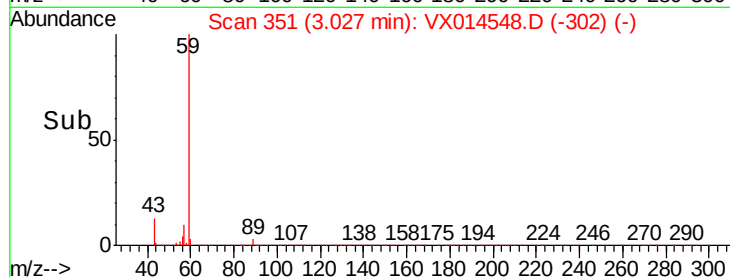
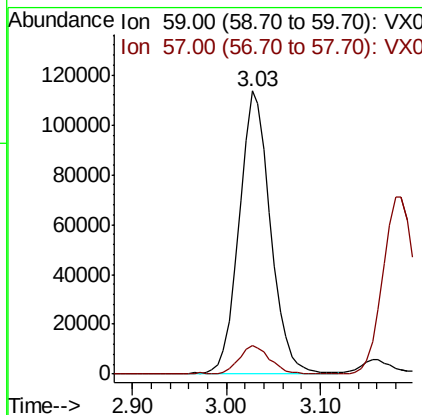
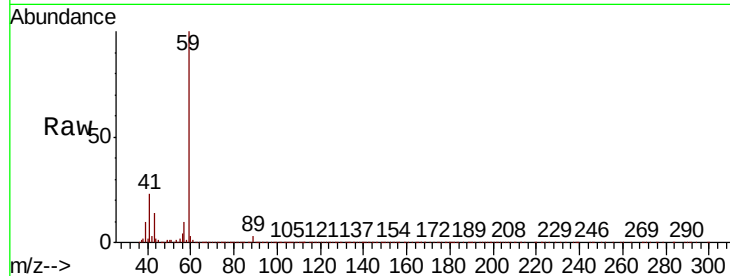


#11

Tert butyl alcohol
Concen: 256.182 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

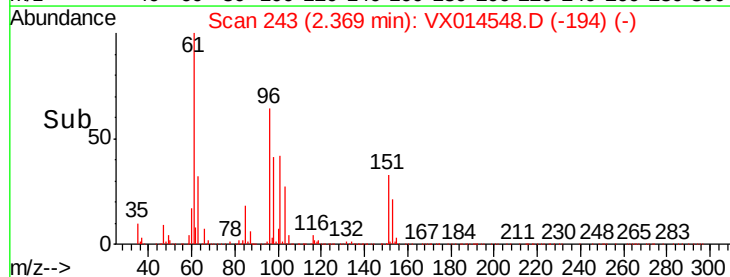
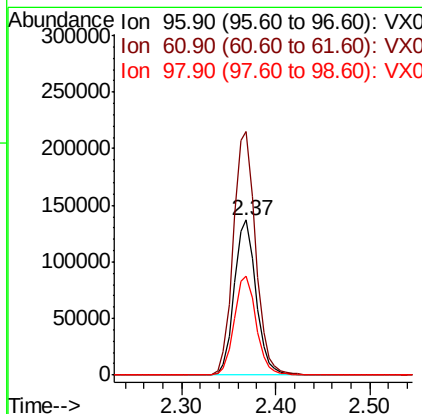
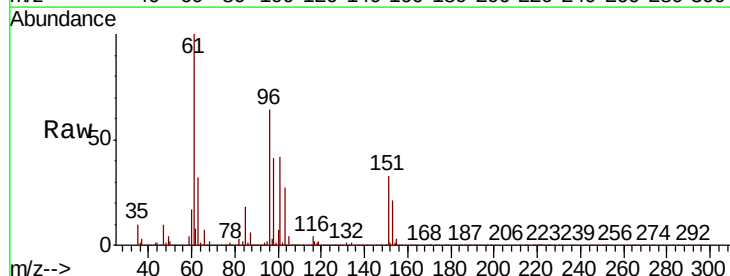
Tot Ion: 59 Resp: 263628
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

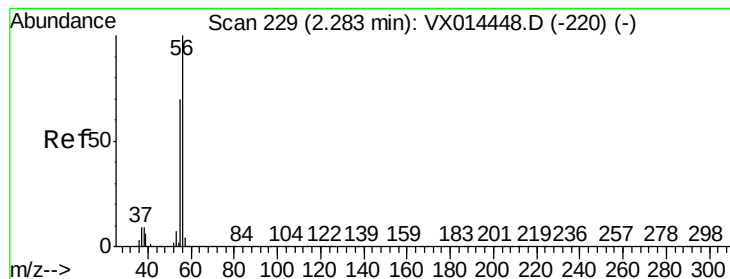


#12

1,1-Dichloroethene
Concen: 50.840 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 96 Resp: 221680
Ion Ratio Lower Upper
96 100
61 156.8 125.0 187.6
98 63.9 50.2 75.2





#13

Acrolein

Concen: 257.261 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

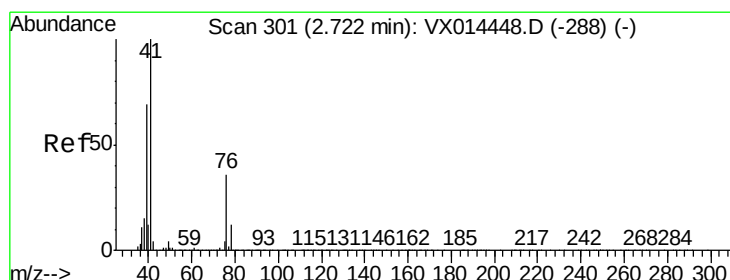
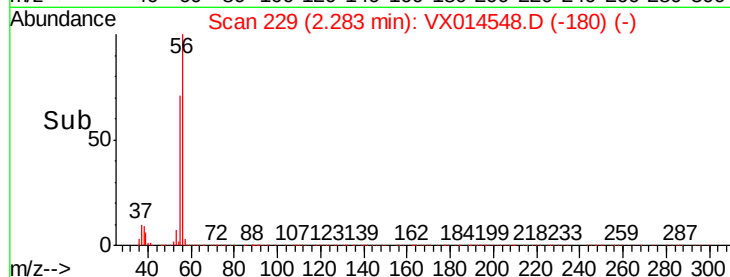
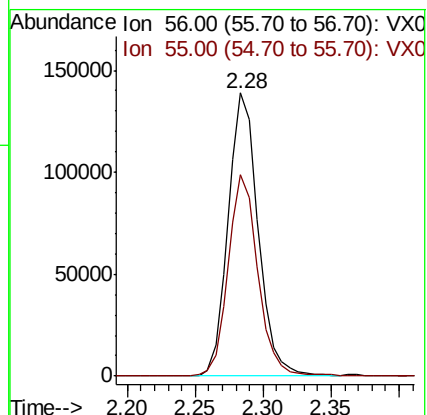
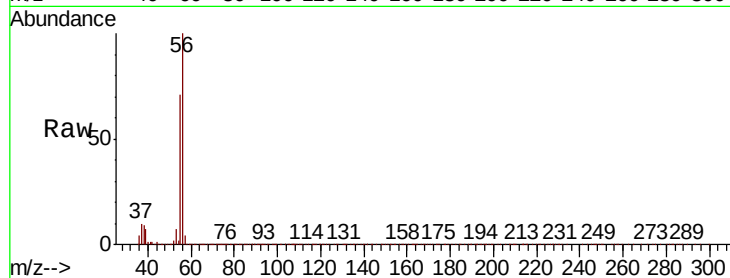
VSTDCCC050EC

Tot Ion: 56 Resp: 212195

Ion Ratio Lower Upper

56 100

55 70.6 55.0 82.6



#14

Allyl chloride

Concen: 51.612 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

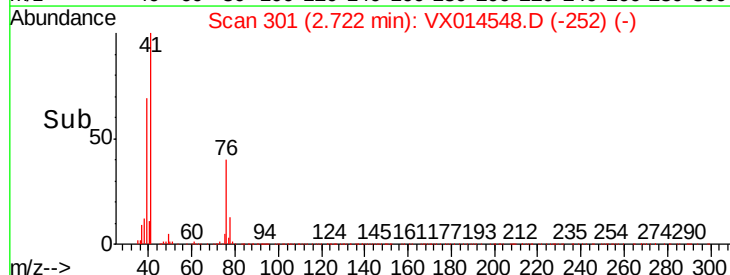
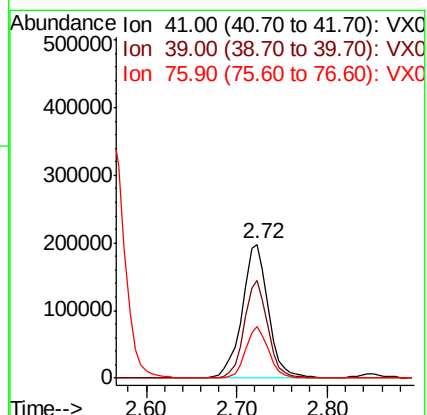
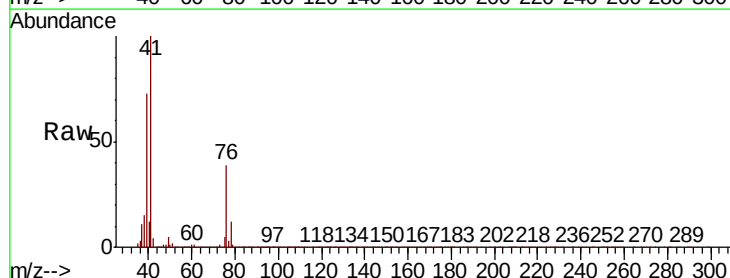
Tgt Ion: 41 Resp: 395111

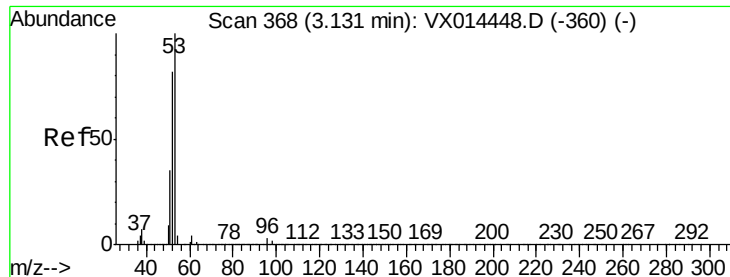
Ion Ratio Lower Upper

41 100

39 64.9 51.7 77.5

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 273.126 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

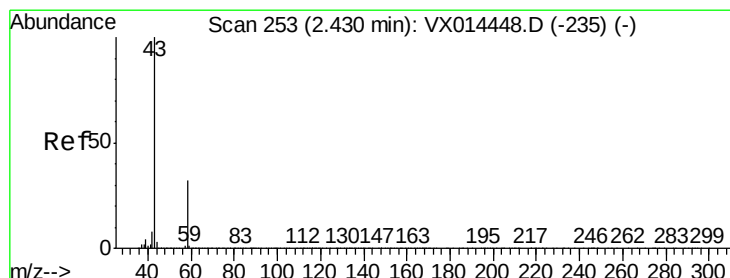
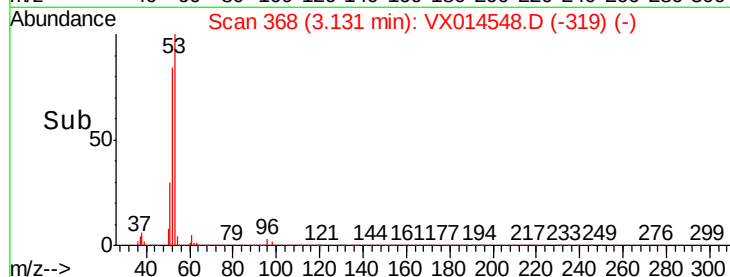
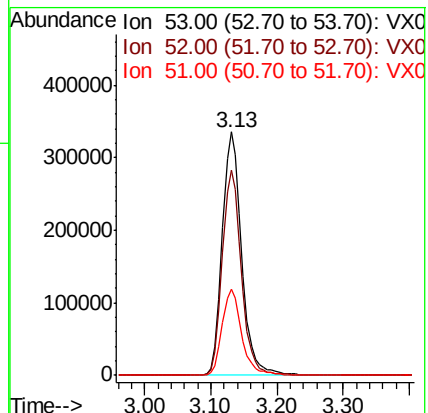
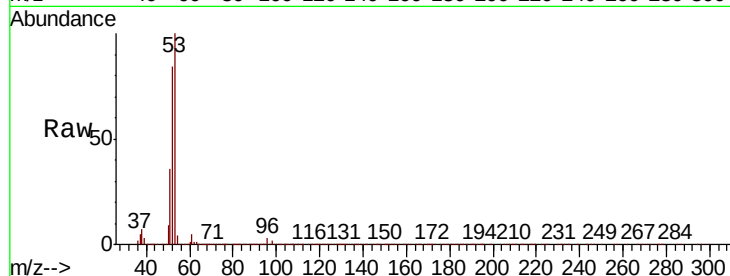
Tot Ion: 53 Resp: 678358

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.4

51 35.7 28.5 42.7



#16

Acetone

Concen: 252.478 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014548.D

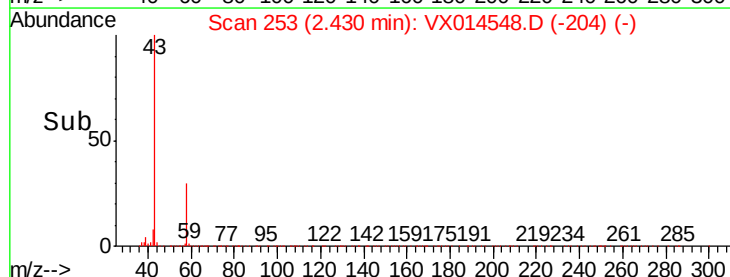
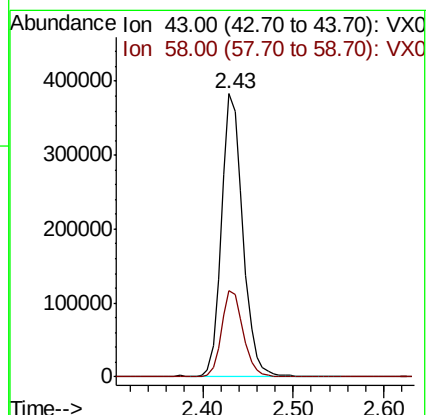
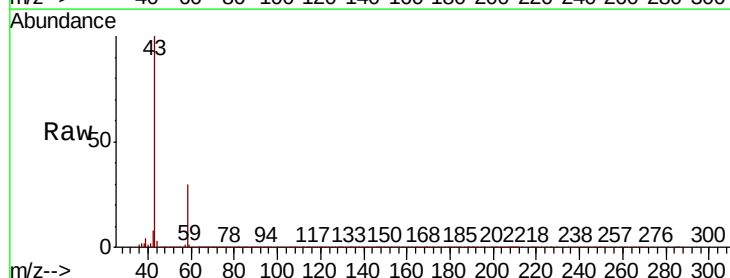
Acq: 10 Jan 2020 19:28

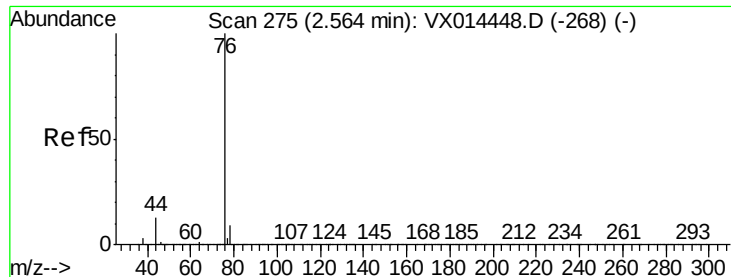
Tgt Ion: 43 Resp: 623812

Ion Ratio Lower Upper

43 100

58 30.4 25.4 38.0





#17

Carbon Disulfide

Concen: 48.421 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

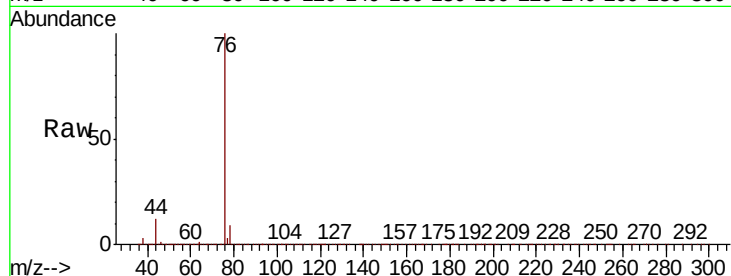
VSTDCCC050EC

Tot Ion: 76 Resp: 589118

Ion Ratio Lower Upper

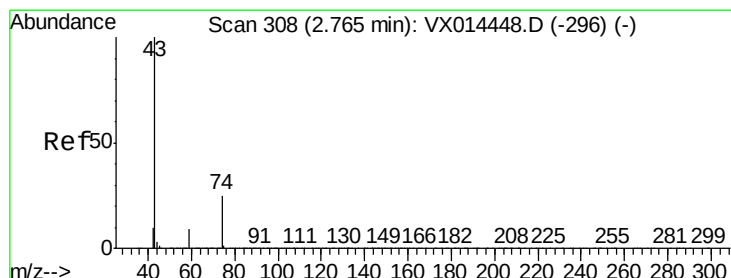
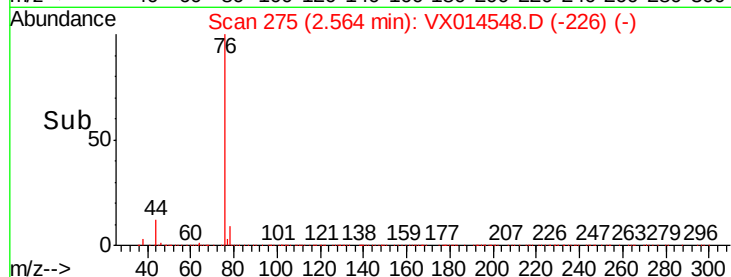
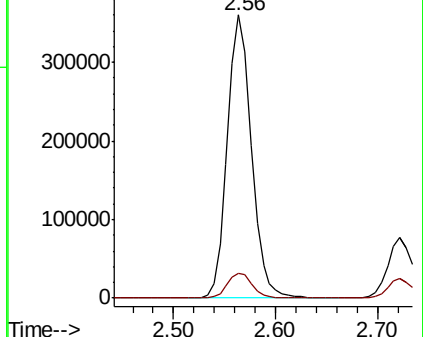
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 59.910 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014548.D

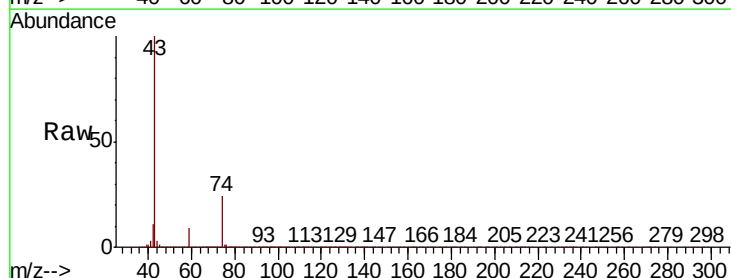
Acq: 10 Jan 2020 19:28

Tgt Ion: 43 Resp: 424380

Ion Ratio Lower Upper

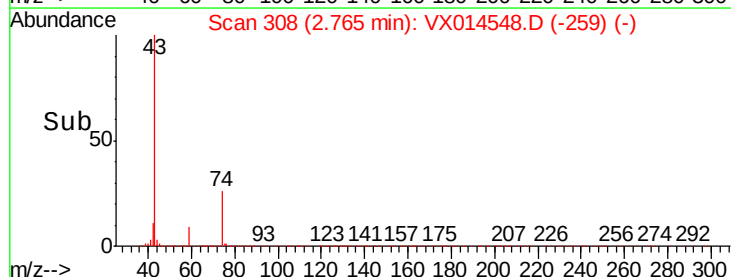
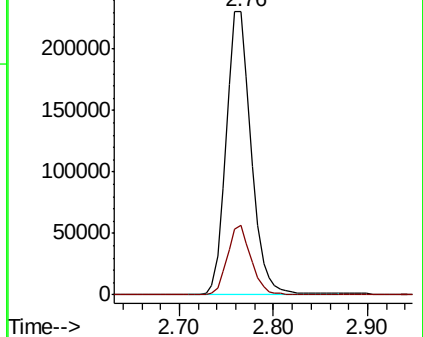
43 100

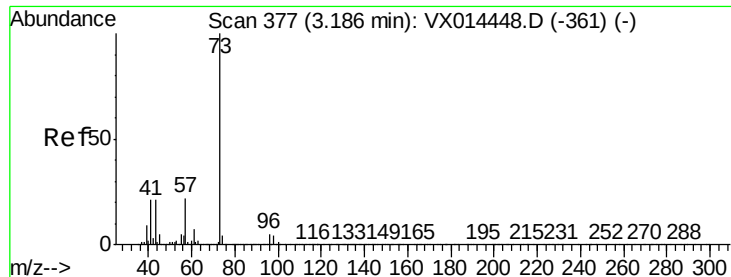
74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

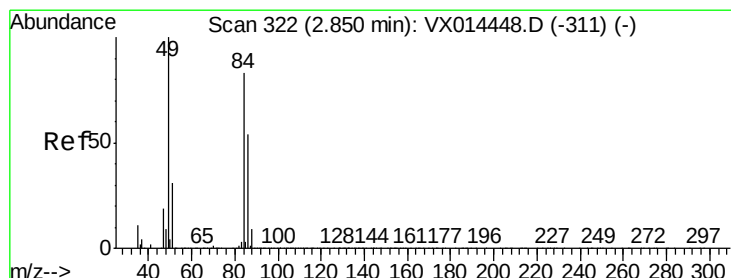
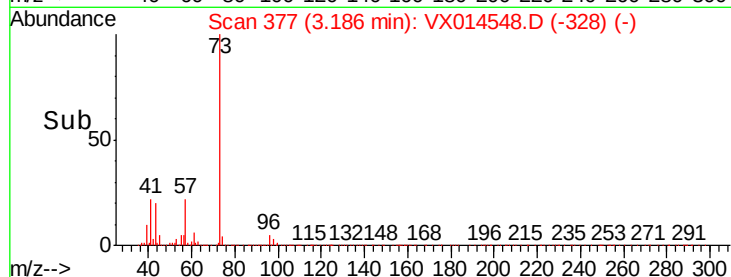
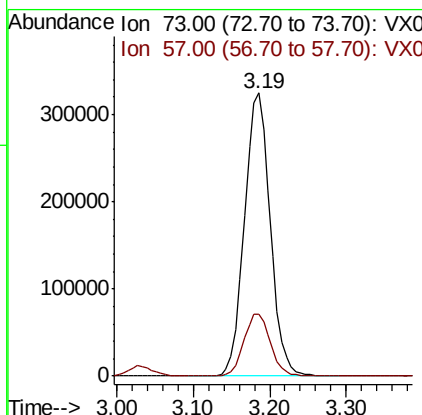
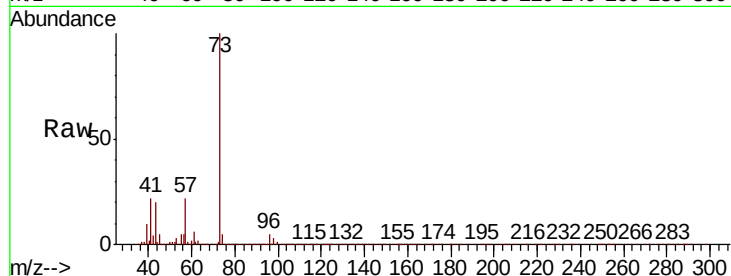




#19
Methyl tert-butyl Ether
Concen: 54.160 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

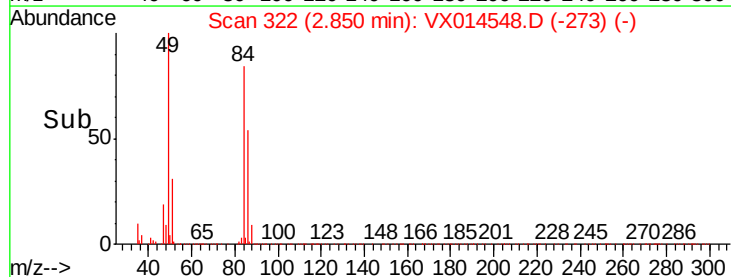
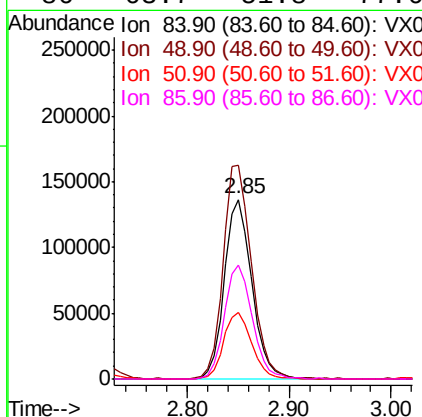
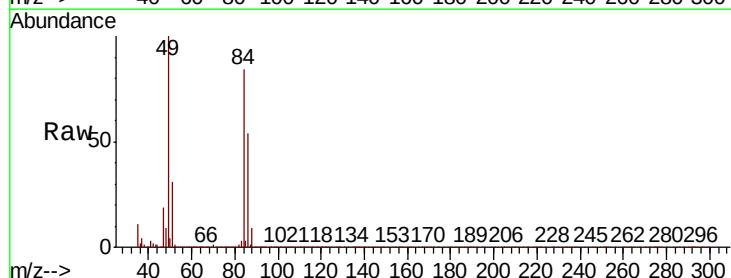
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

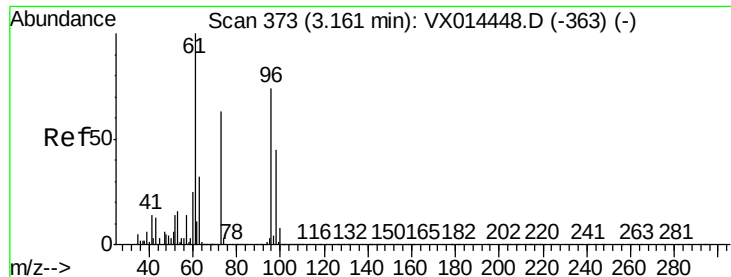
Tot Ion: 73 Resp: 758103
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 51.369 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 84 Resp: 254693
Ion Ratio Lower Upper
84 100
49 119.0 95.8 143.8
51 36.7 30.2 45.4
86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.772 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

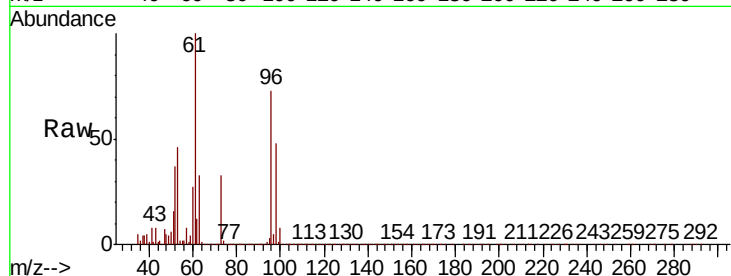
Tot Ion: 96 Resp: 236928

Ion Ratio Lower Upper

96 100

61 136.4 108.2 162.4

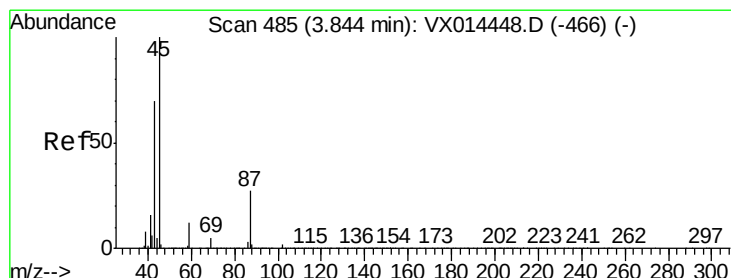
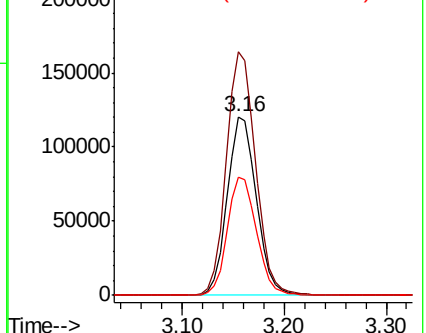
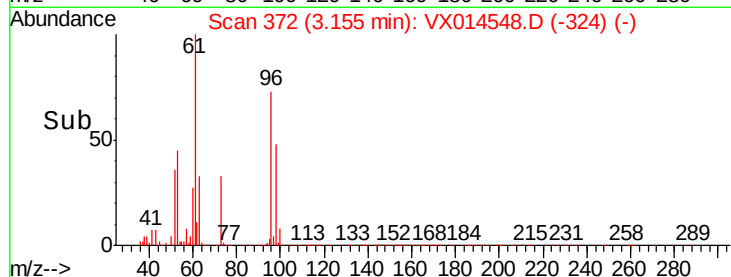
98 66.0 48.8 73.2



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



#22

Diisopropyl ether

Concen: 54.854 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Tgt Ion: 45 Resp: 811527

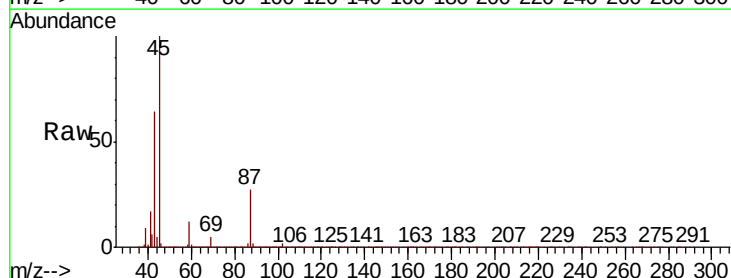
Ion Ratio Lower Upper

45 100

43 64.2 55.8 83.6

87 27.2 21.8 32.8

59 11.8 9.1 13.7

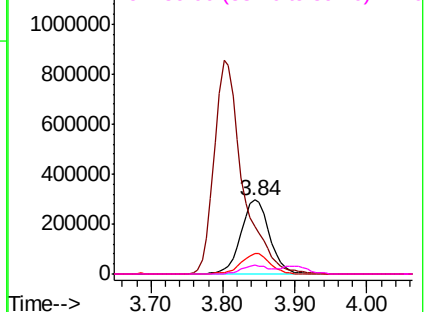
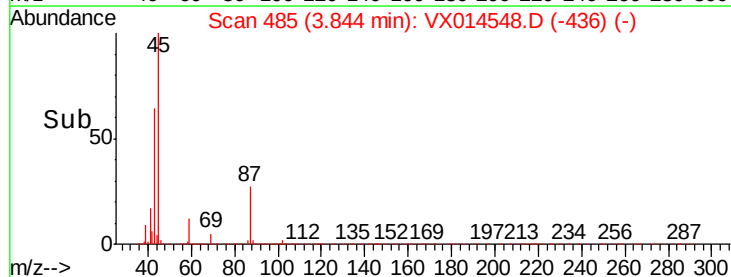


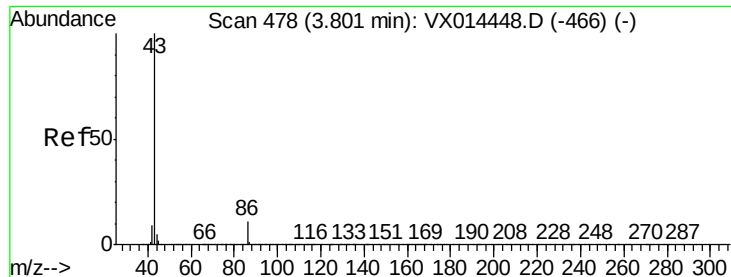
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 205.813 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

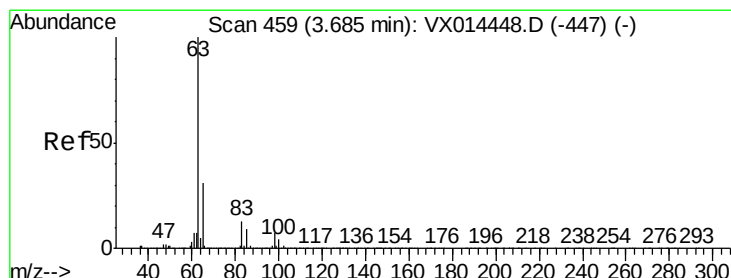
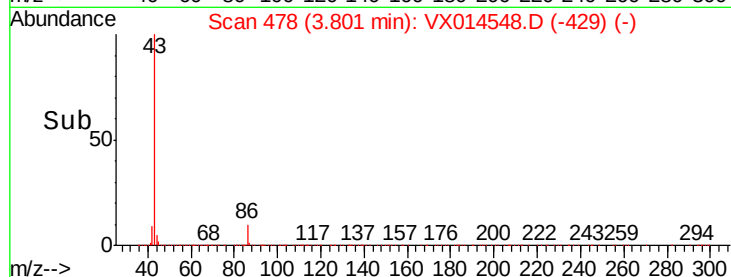
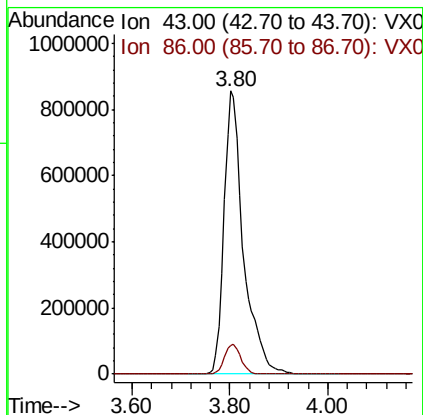
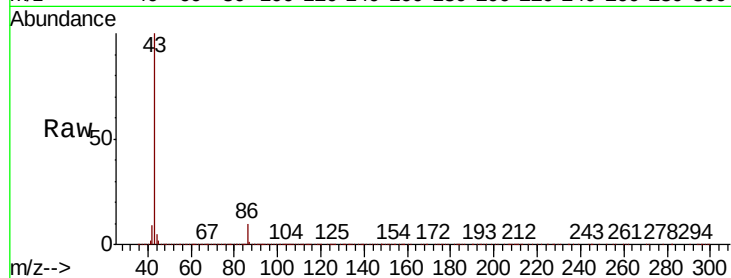
VSTDCCC050EC

Tot Ion: 43 Resp: 2357380

Ion Ratio Lower Upper

43 100

86 10.2 8.4 12.6



#24

1,1-Dichloroethane

Concen: 54.501 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

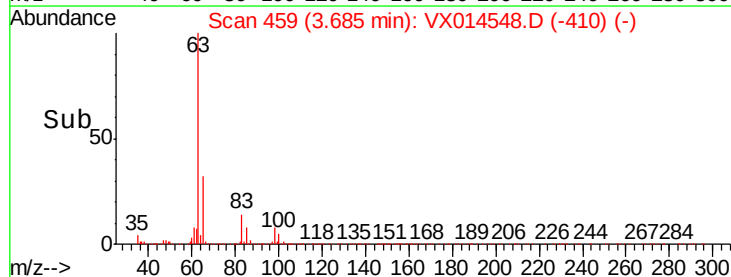
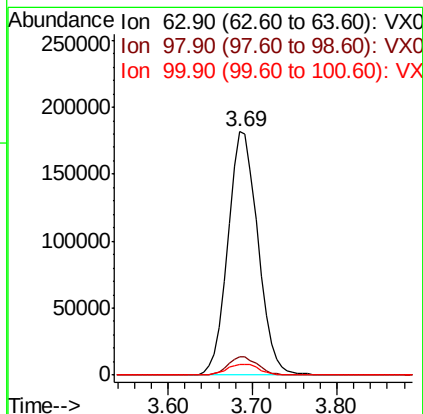
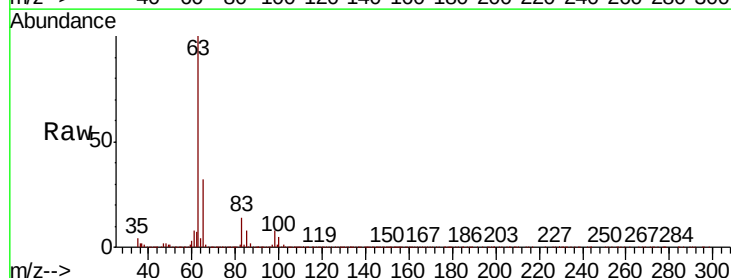
Tgt Ion: 63 Resp: 438626

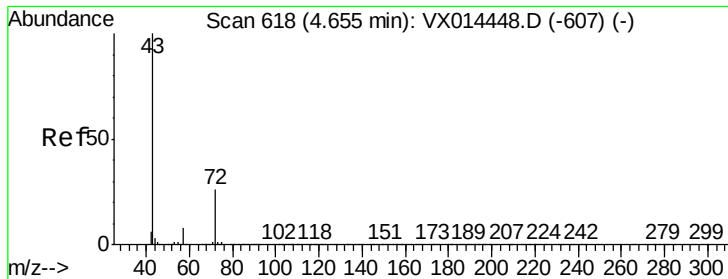
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 259.019 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

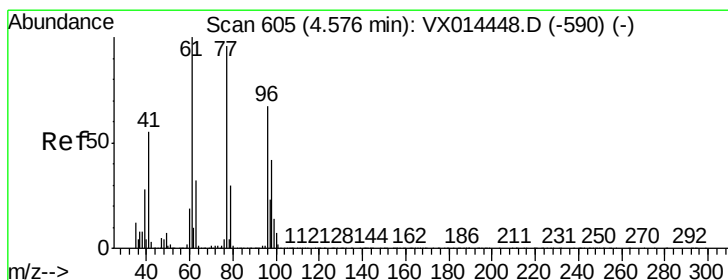
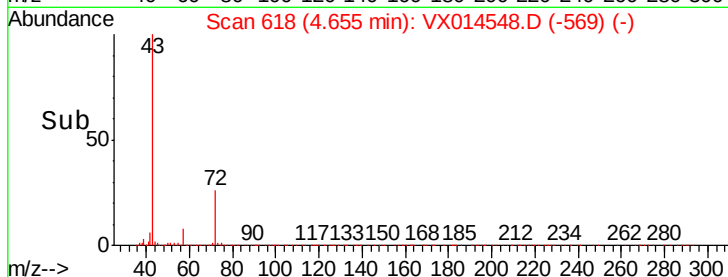
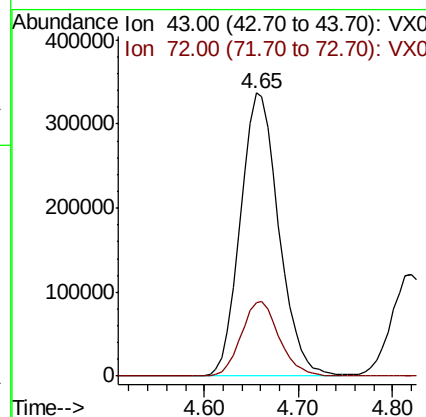
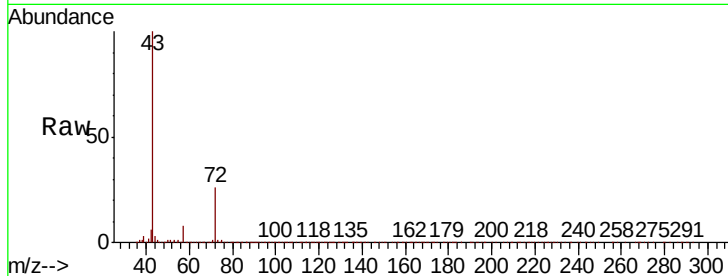
VSTDCCC050EC

Tot Ion: 43 Resp: 953573

Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 46.745 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014548.D

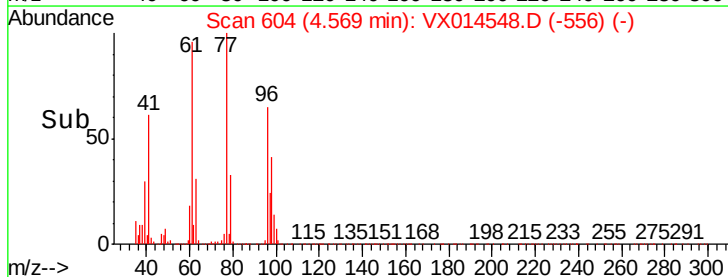
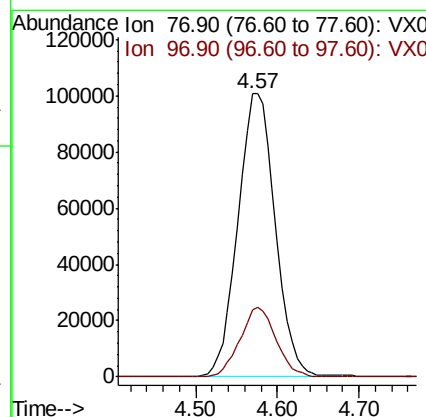
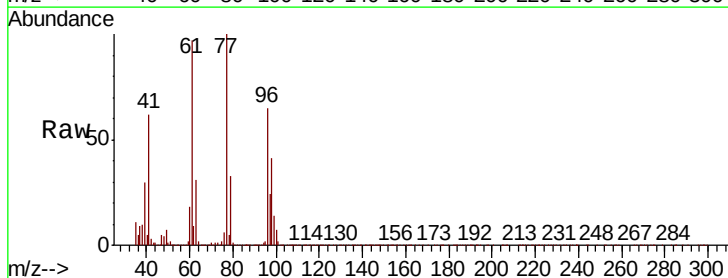
Acq: 10 Jan 2020 19:28

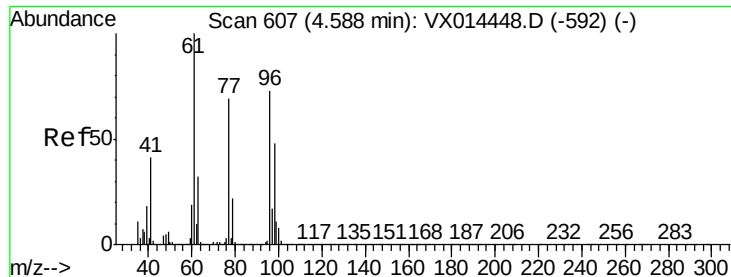
Tgt Ion: 77 Resp: 318686

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



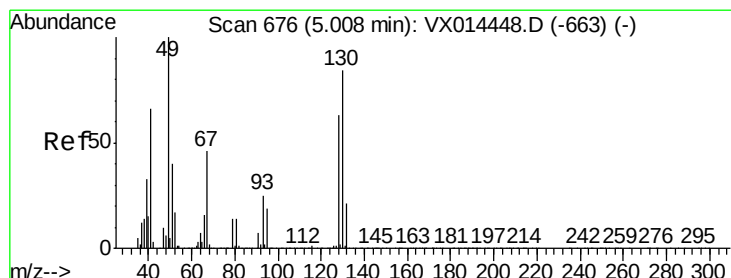
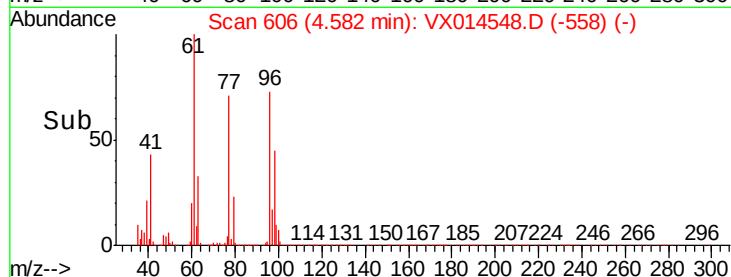
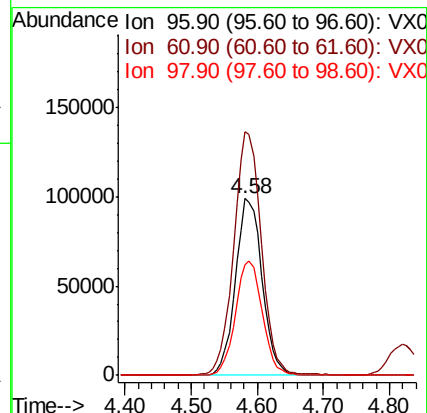
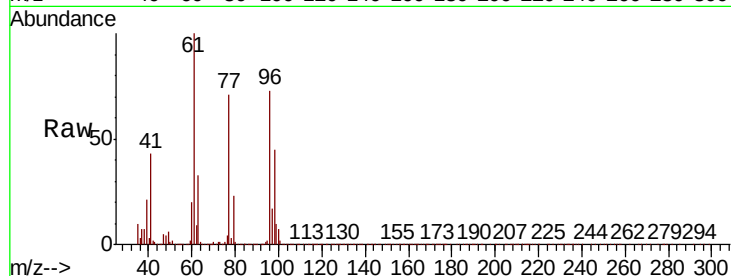


#27

cis-1,2-Dichloroethene
Concen: 52.019 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

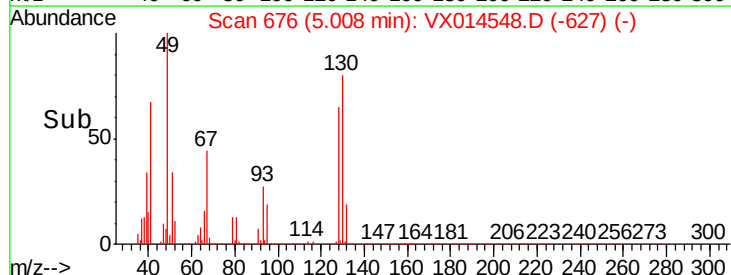
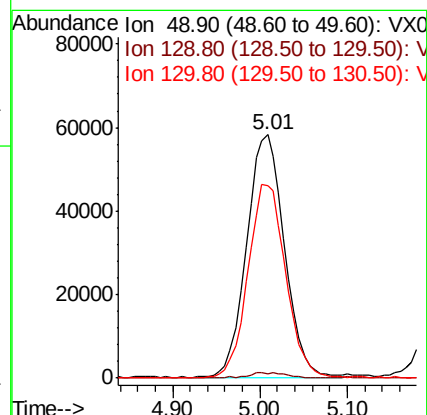
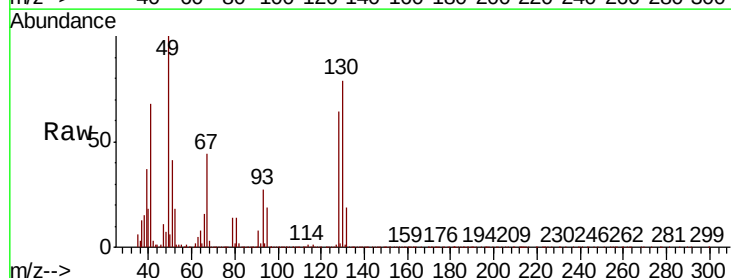
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	285.4
98	64.8	0.0	130.6

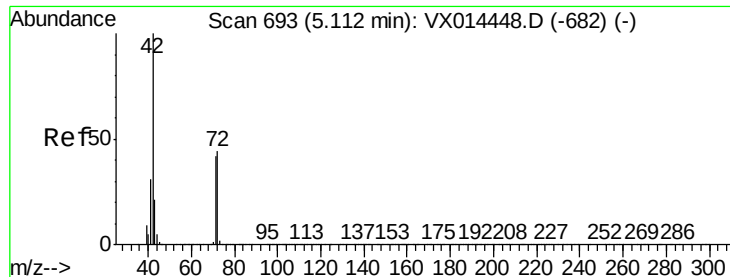


#28

Bromochloromethane
Concen: 51.553 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	79.3	67.0	100.4





#29

Tetrahydrofuran

Concen: 279.654 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

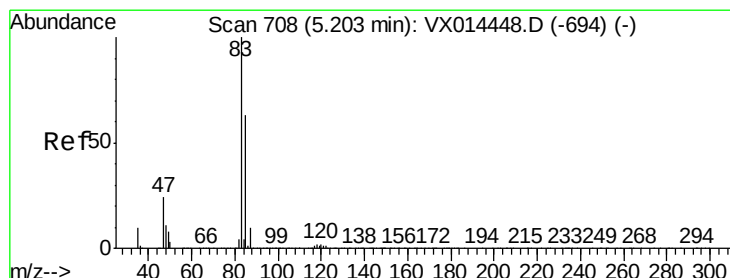
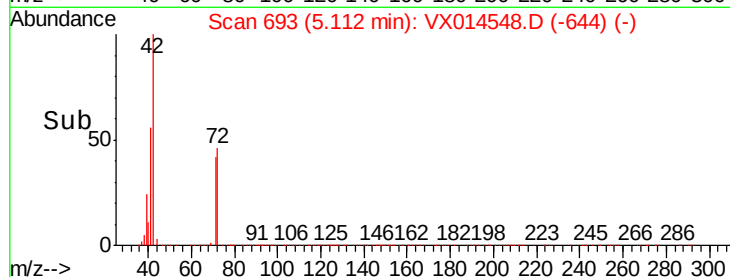
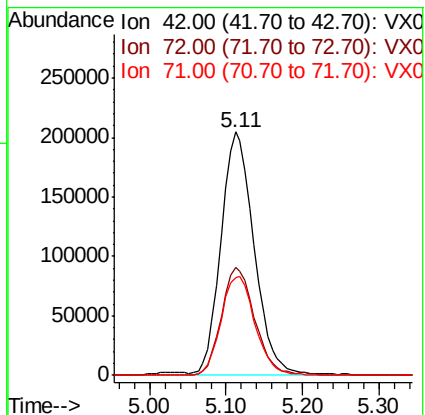
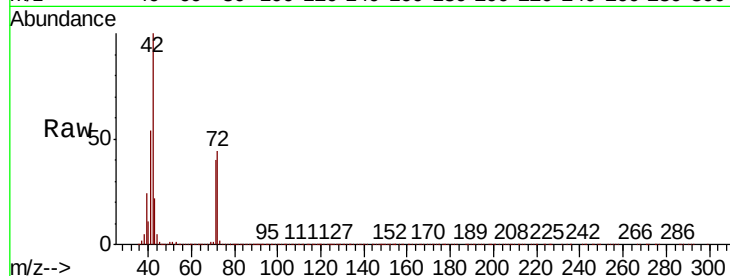
Tot Ion: 42 Resp: 608705

Ion Ratio Lower Upper

42 100

72 45.1 36.2 54.4

71 42.1 34.1 51.1



#30

Chloroform

Concen: 54.406 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014548.D

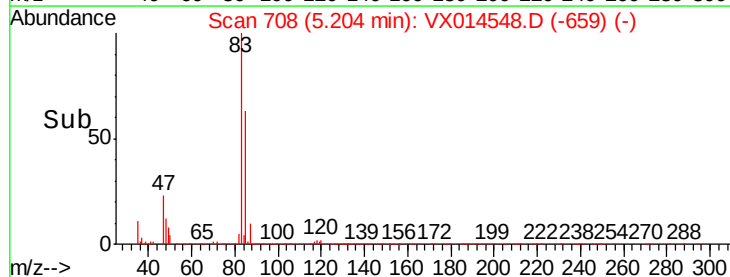
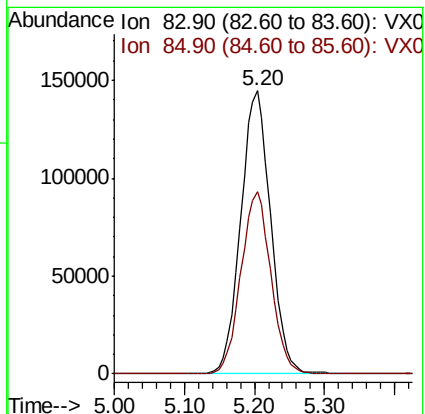
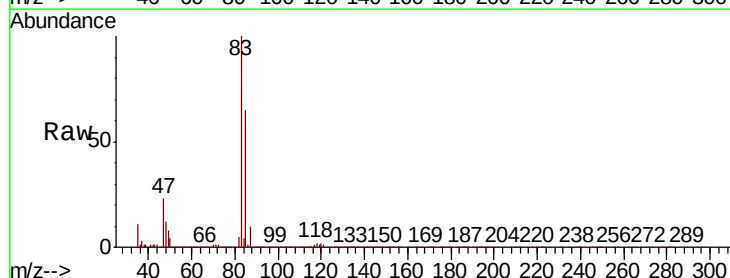
Acq: 10 Jan 2020 19:28

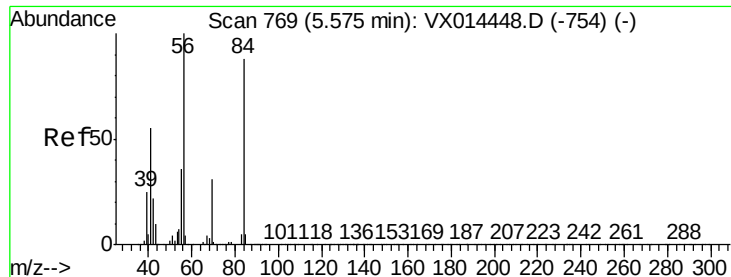
Tgt Ion: 83 Resp: 427866

Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8

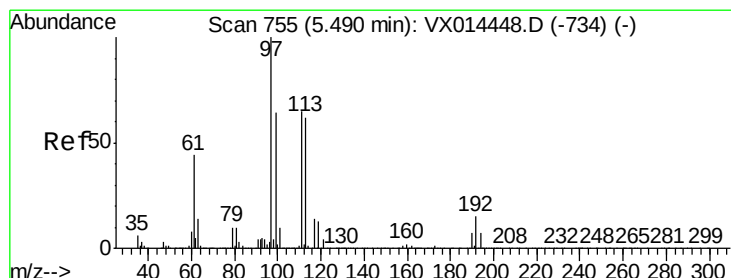
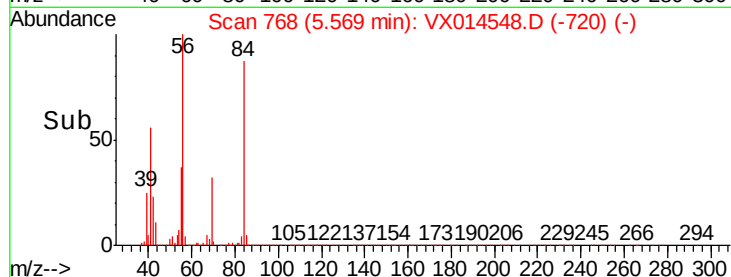
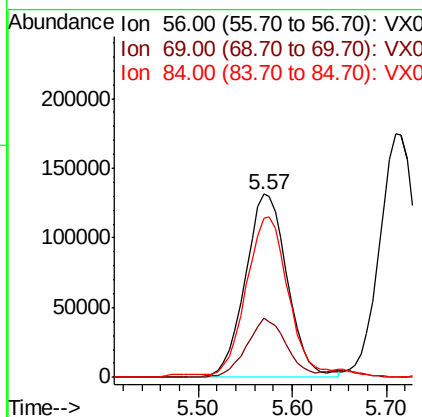
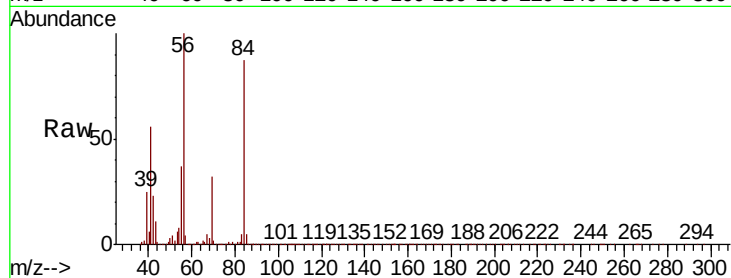




#31
Cyclohexane
Concen: 54.380 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

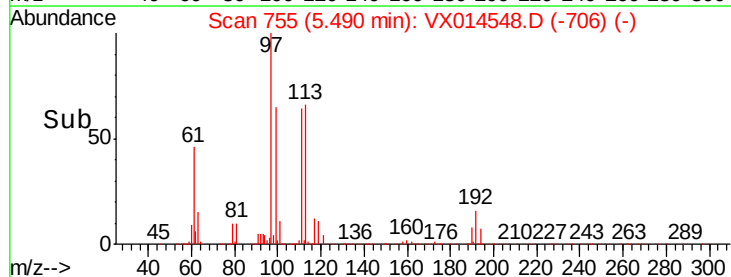
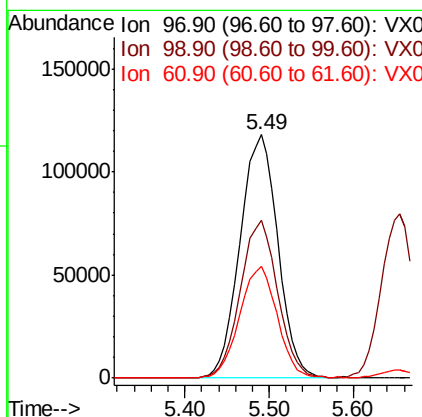
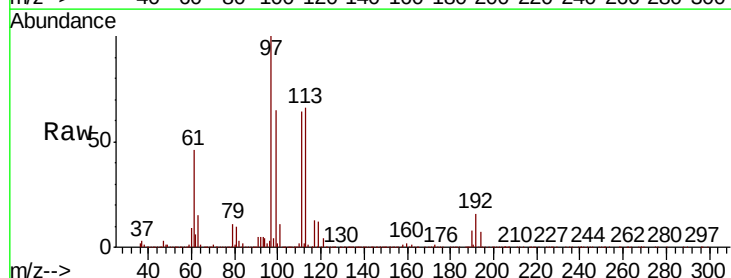
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

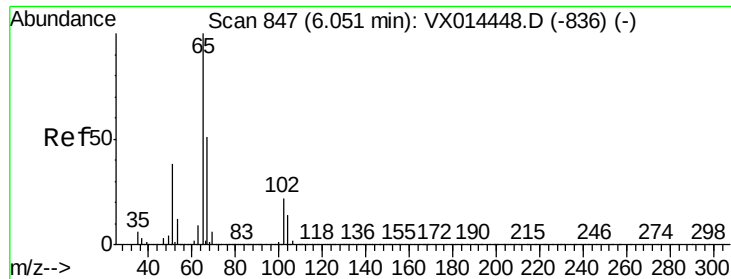
Tot Ion: 56 Resp: 409648
Ion Ratio Lower Upper
56 100
69 32.0 24.4 36.6
84 85.6 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 53.618 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 97 Resp: 360939
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 45.4 35.9 53.9

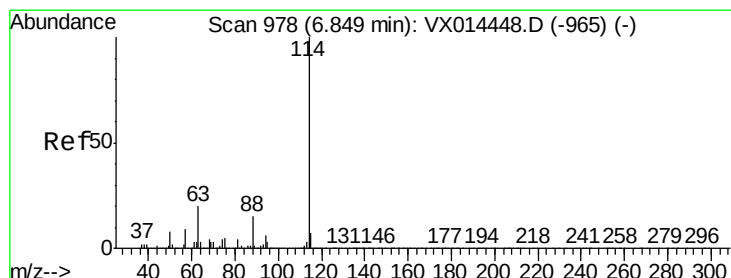
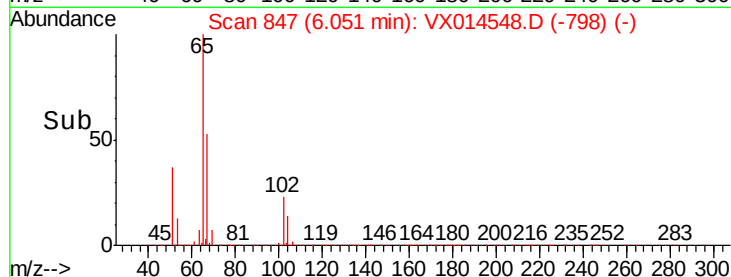
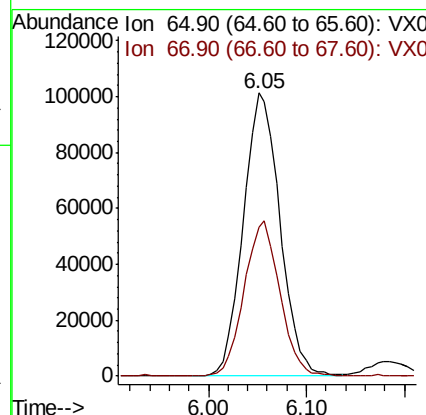
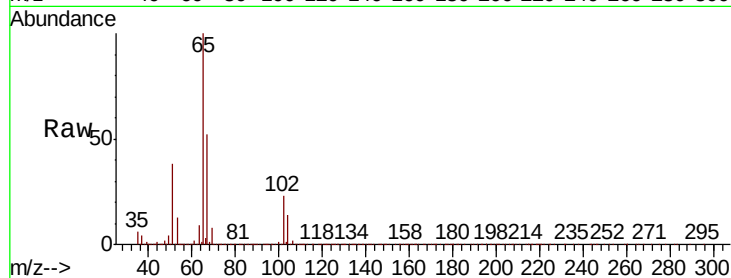




#33
 1,2-Dichloroethane-d4
 Concen: 53.036 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014548.D
 Acq: 10 Jan 2020 19:28

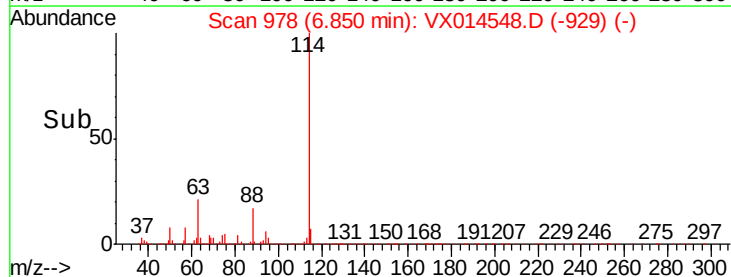
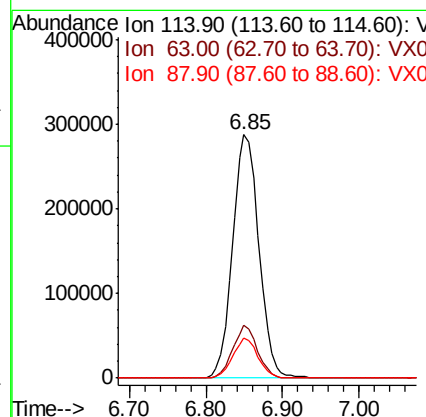
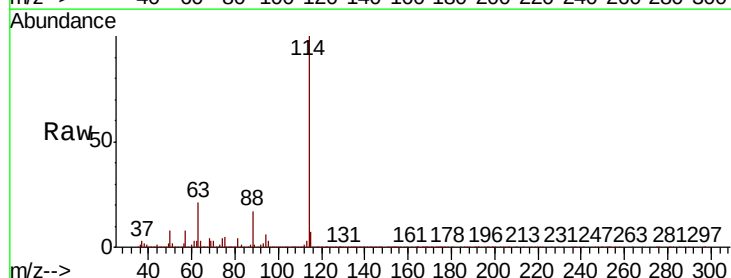
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

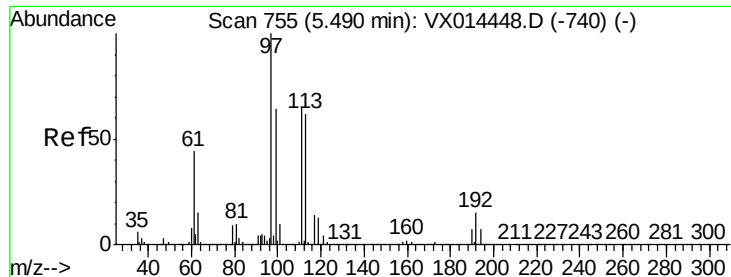
Tot Ion: 65 Resp: 261390
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014548.D
 Acq: 10 Jan 2020 19:28

Tgt Ion: 114 Resp: 684043
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.6
 88 16.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.489 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

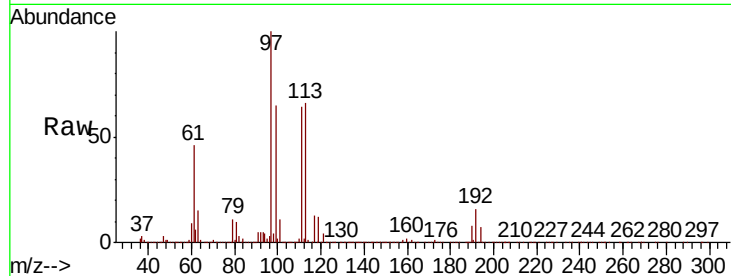
Tot Ion:113 Resp: 217345

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

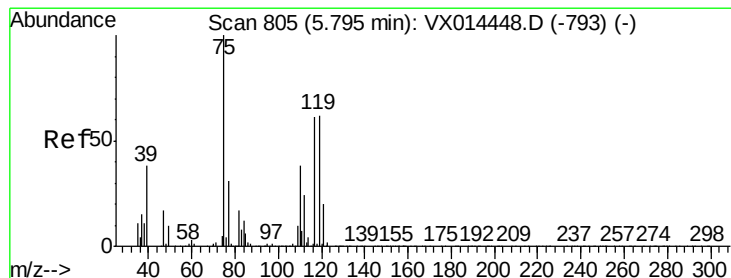
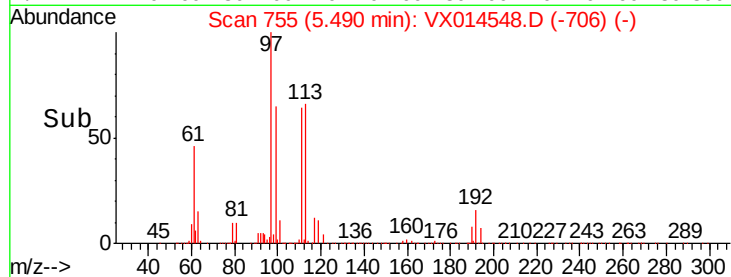
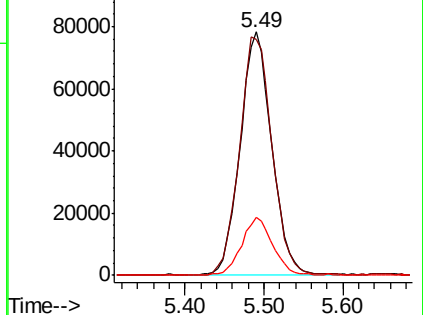
192 23.7 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.239 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

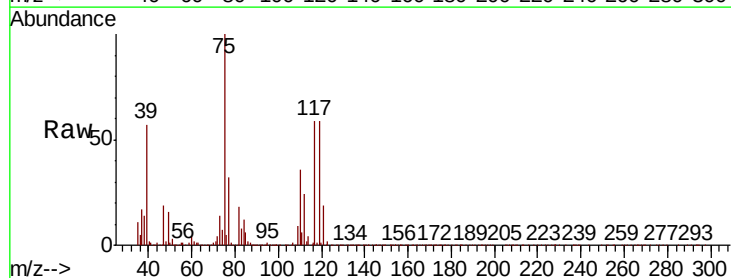
Tgt Ion: 75 Resp: 323175

Ion Ratio Lower Upper

75 100

110 37.1 18.6 55.8

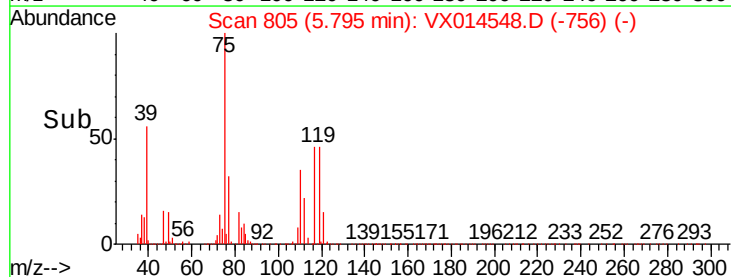
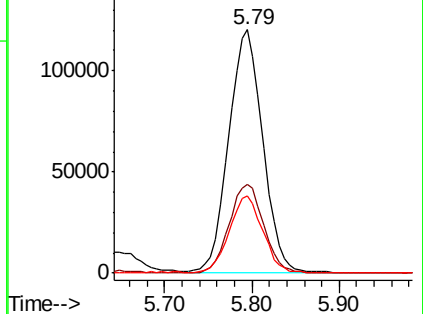
77 31.1 24.5 36.7

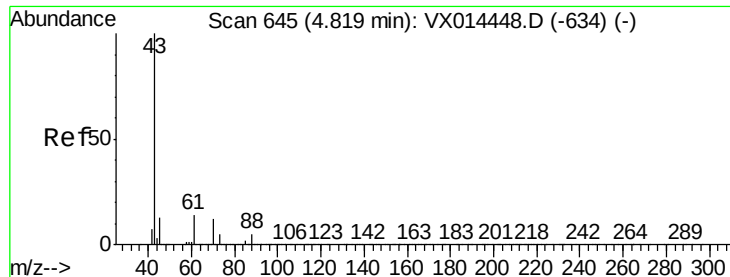


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

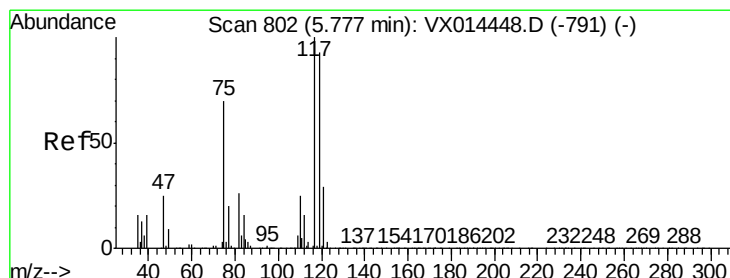
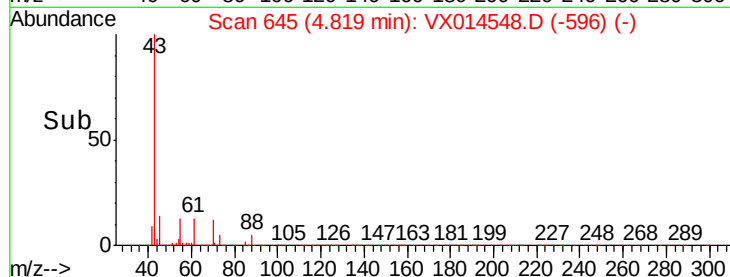
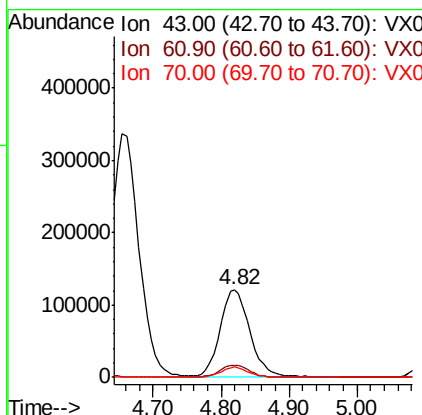
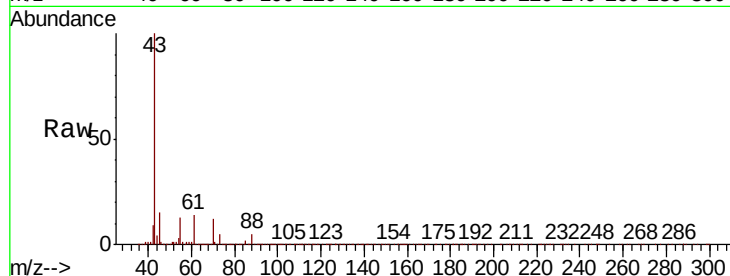




#37
Ethyl Acetate
Concen: 52.419 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

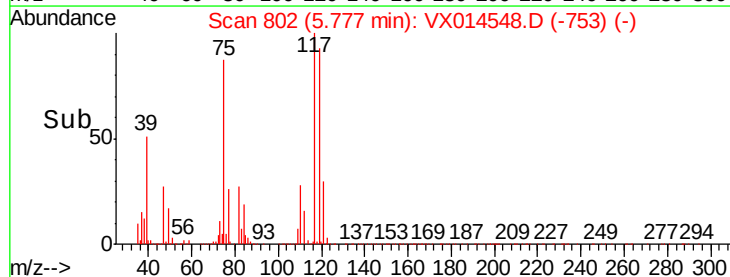
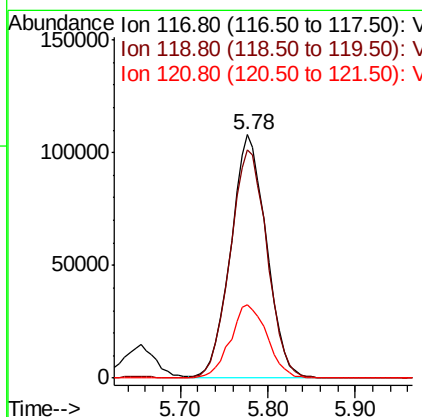
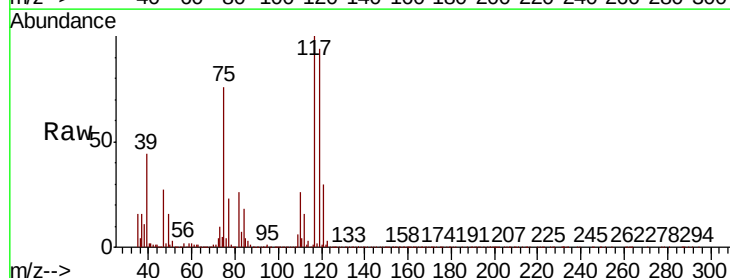
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

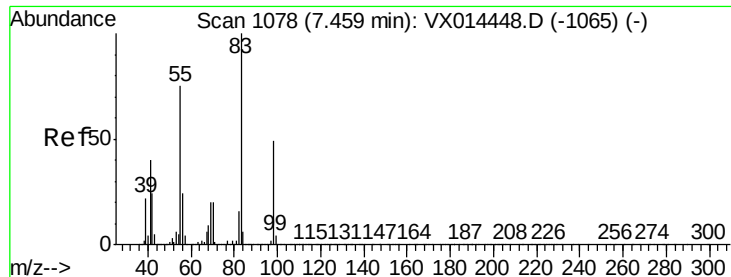
Tot Ion: 43 Resp: 366271
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 51.626 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 117 Resp: 305606
Ion Ratio Lower Upper
117 100
119 93.7 73.8 110.8
121 29.7 23.4 35.0

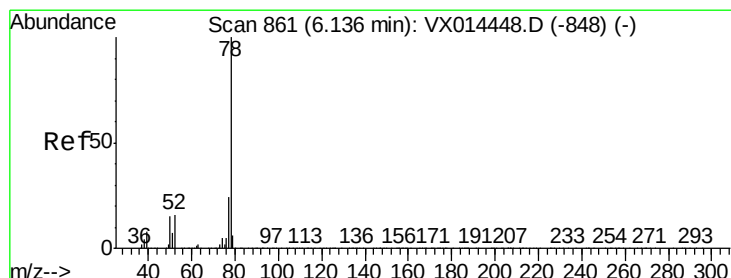
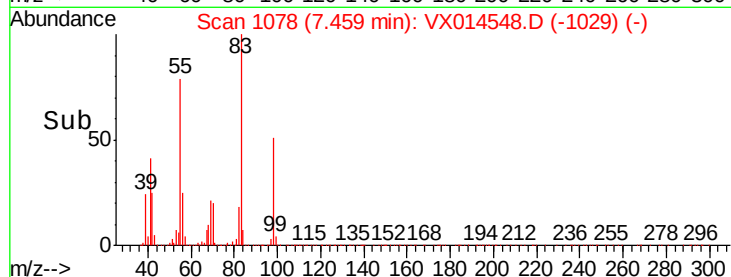
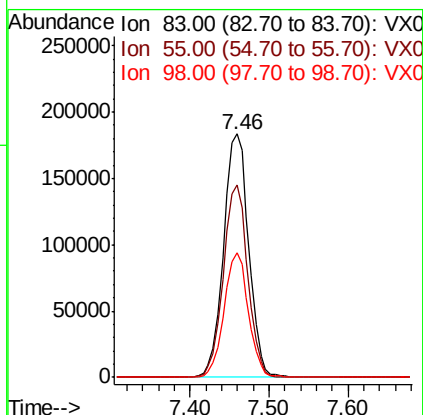
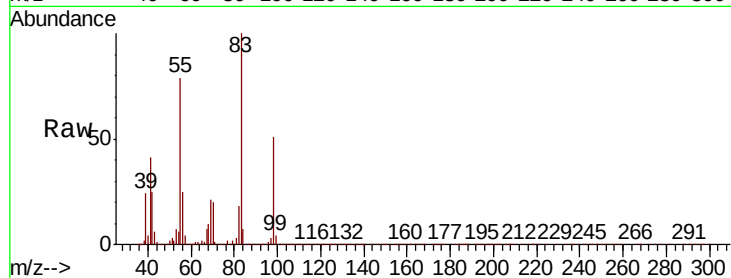




#39
Methylvlcyclohexane
Concen: 50.220 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

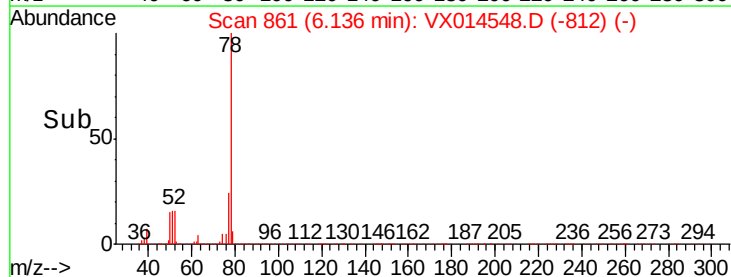
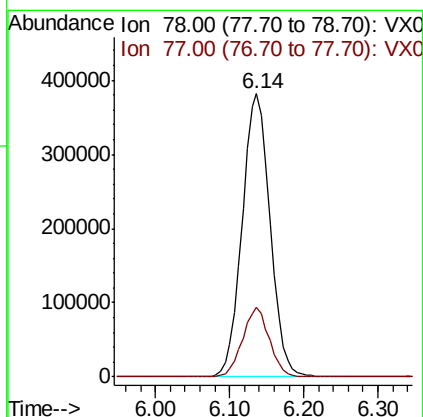
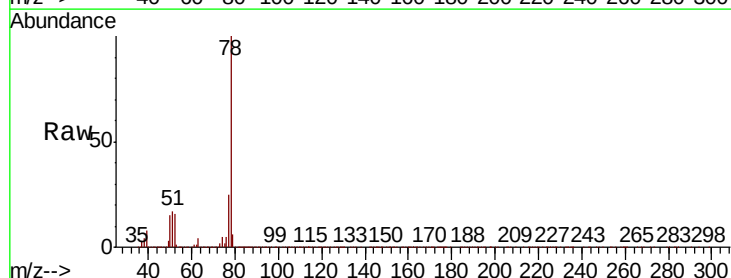
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

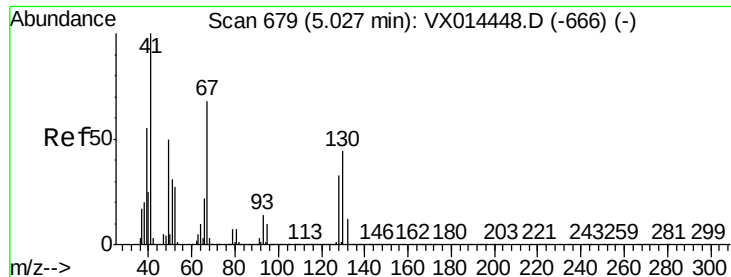
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	59.7	89.5
98	51.1	39.1	58.7



#40
Benzene
Concen: 52.647 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3

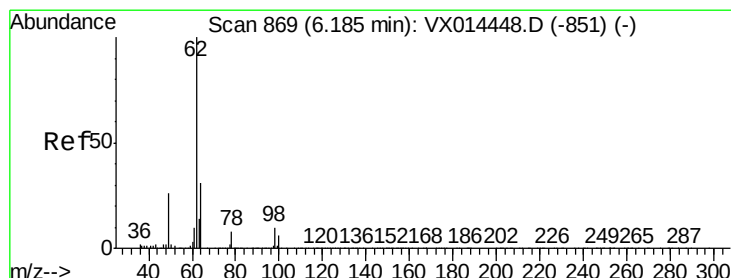
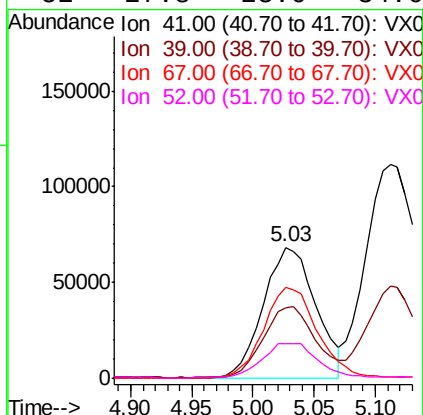
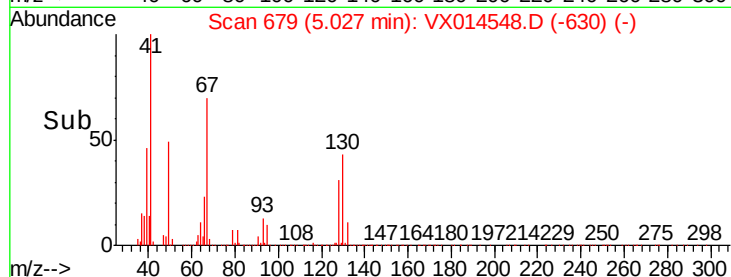
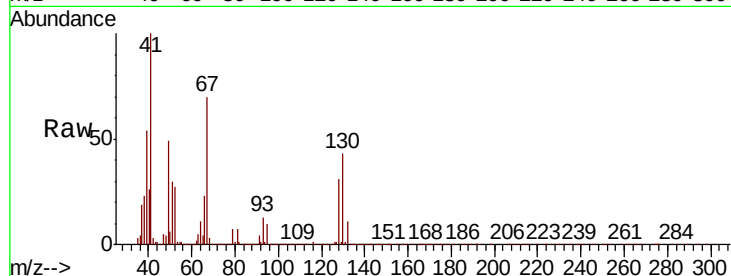




#41
Methacrylonitrile
Concen: 54.598 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

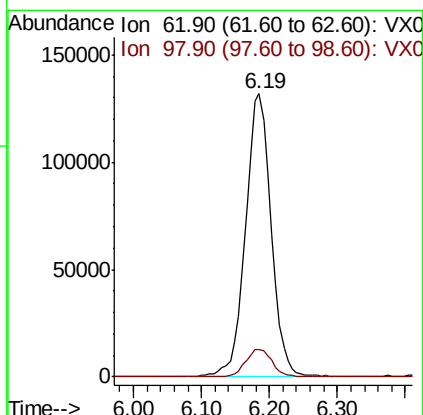
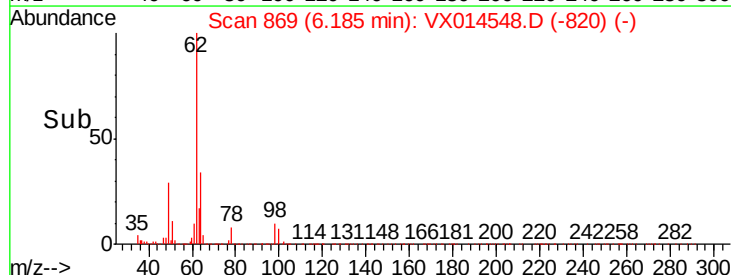
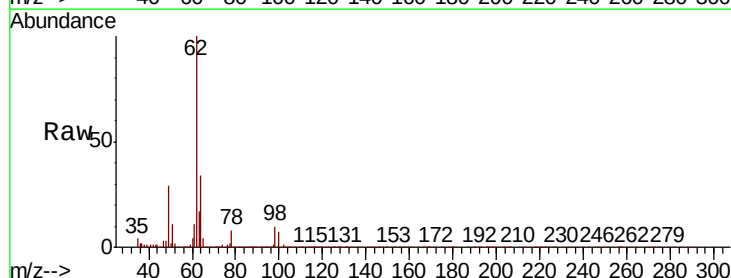
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

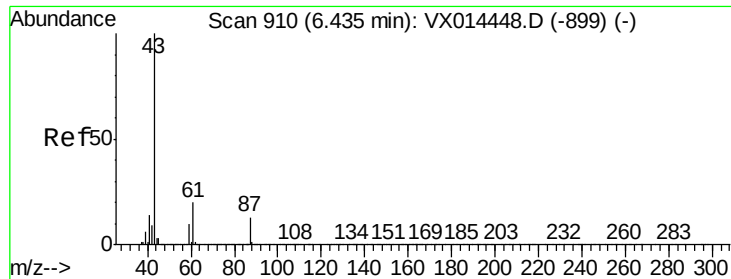
Tot Ion:	41	Resp:	203441
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.6	65.4
67	71.7	57.9	86.9
52	27.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.447 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion:	62	Resp:	343434
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 53.877 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

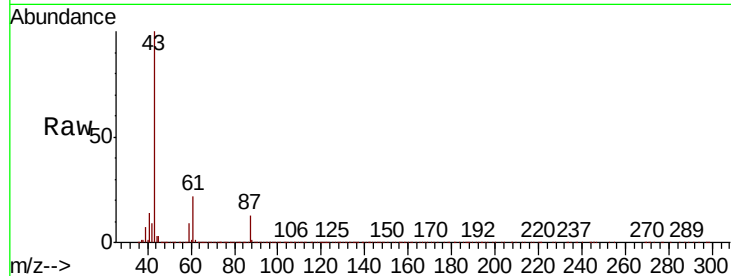
Tot Ion: 43 Resp: 608144

Ion Ratio Lower Upper

43 100

61 20.4 16.6 24.8

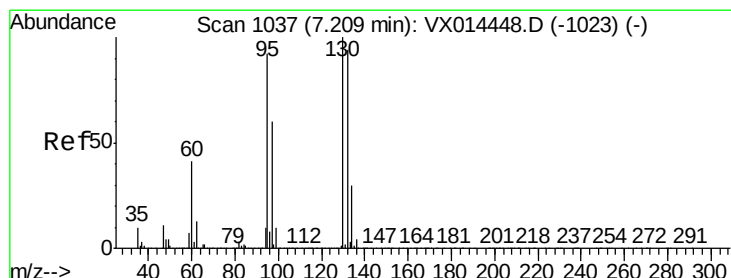
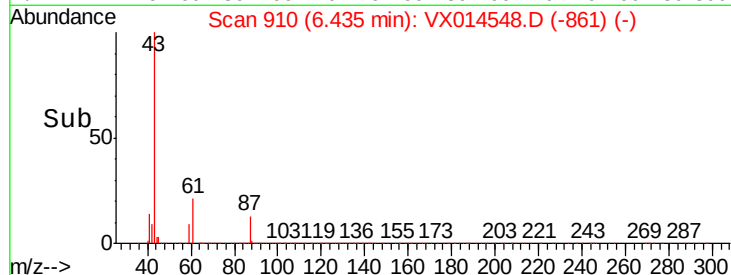
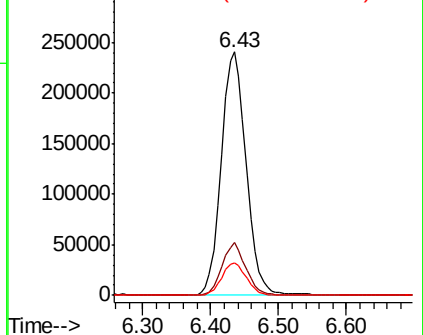
87 13.5 10.8 16.2



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: 53.122 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014548.D

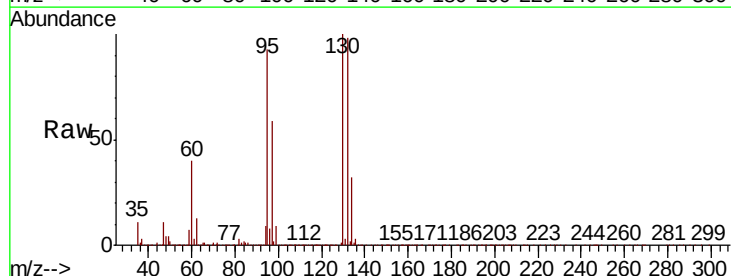
Acq: 10 Jan 2020 19:28

Tgt Ion:130 Resp: 291468

Ion Ratio Lower Upper

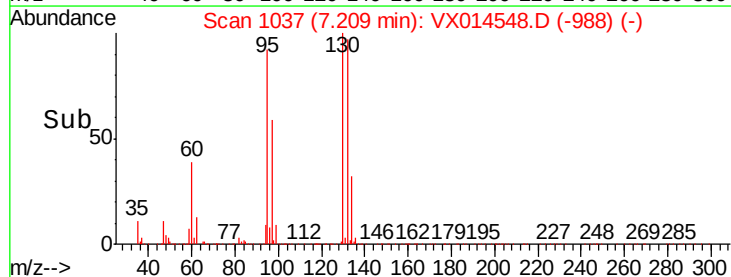
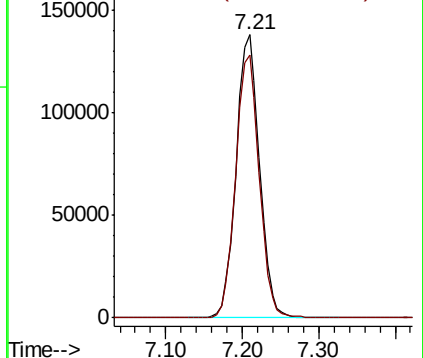
130 100

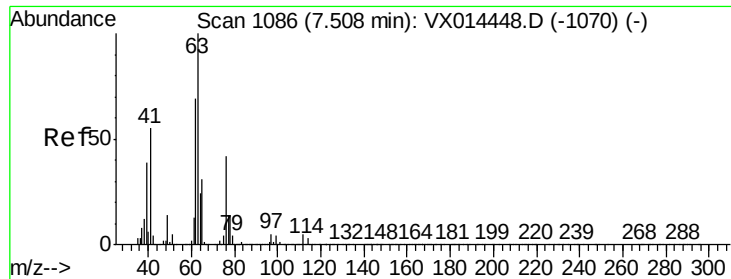
95 92.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.003 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

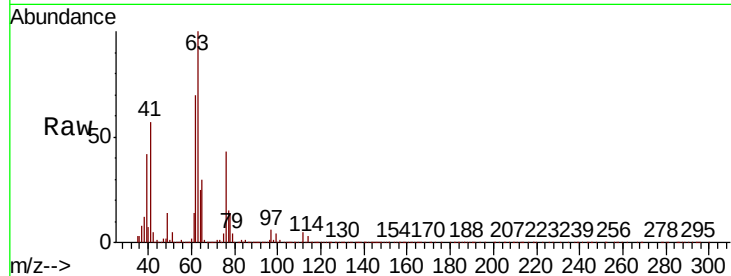
VSTDCCC050EC

Tot Ion: 63 Resp: 257999

Ion Ratio Lower Upper

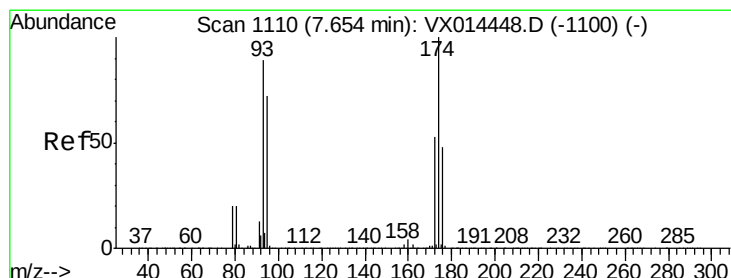
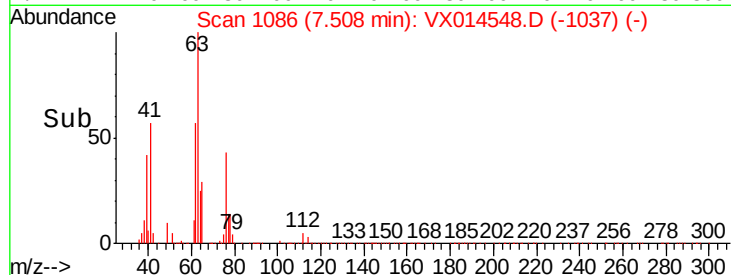
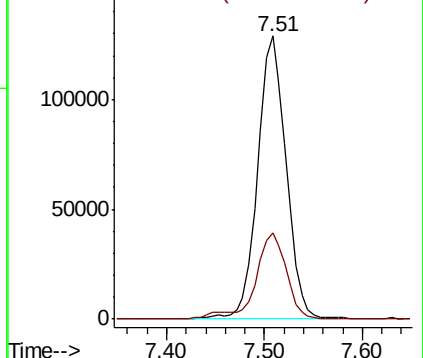
63 100

65 30.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.655 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

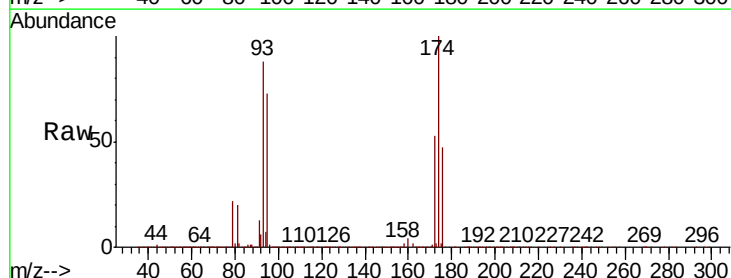
Tgt Ion: 93 Resp: 168699

Ion Ratio Lower Upper

93 100

95 83.4 65.4 98.2

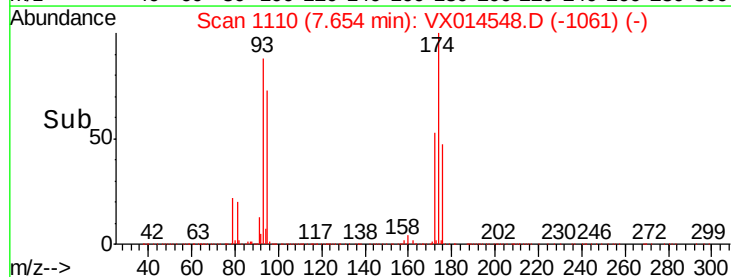
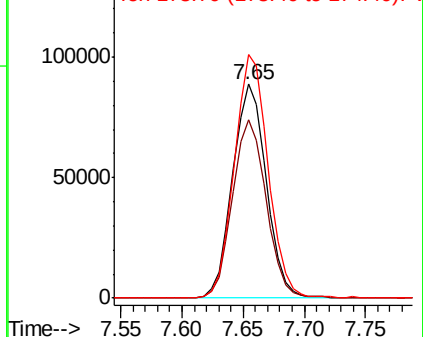
174 114.9 93.0 139.4

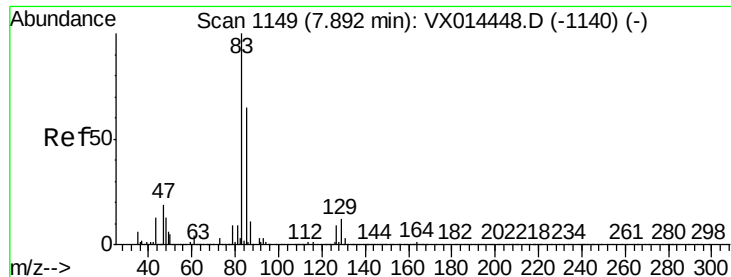


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.480 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

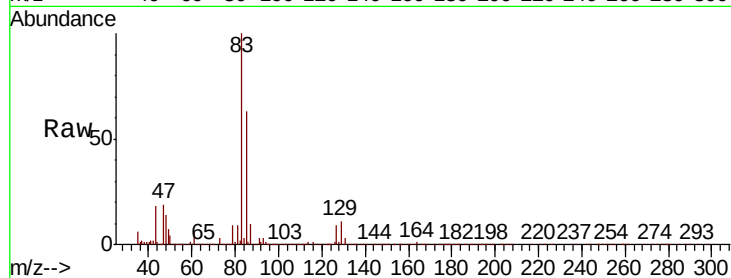
Tot Ion: 83 Resp: 330609

Ion Ratio Lower Upper

83 100

85 62.9 51.7 77.5

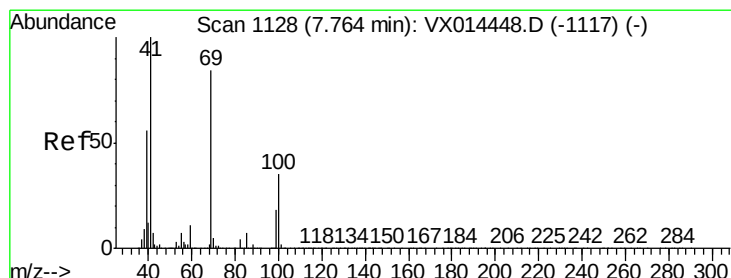
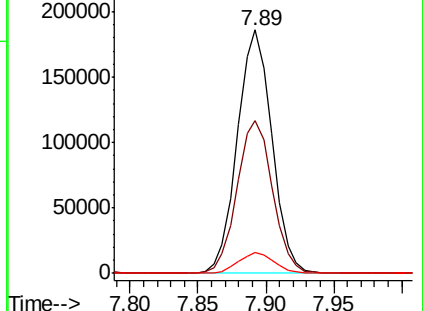
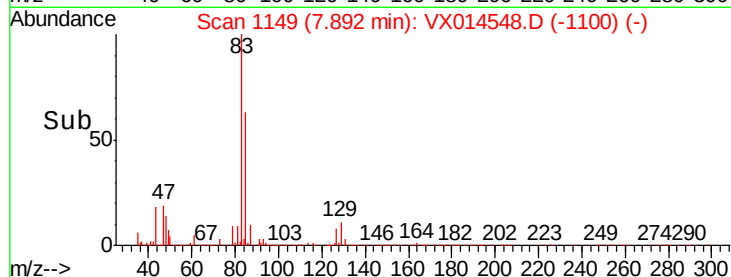
127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.856 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

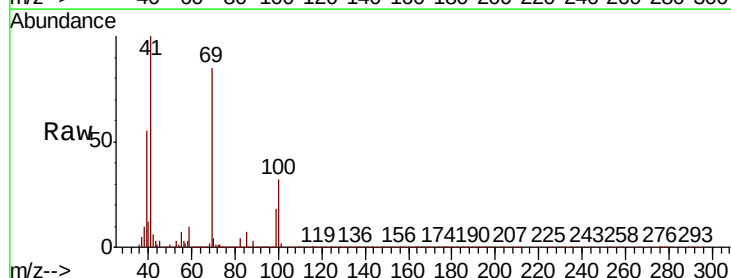
Tgt Ion: 41 Resp: 296562

Ion Ratio Lower Upper

41 100

69 81.9 65.5 98.3

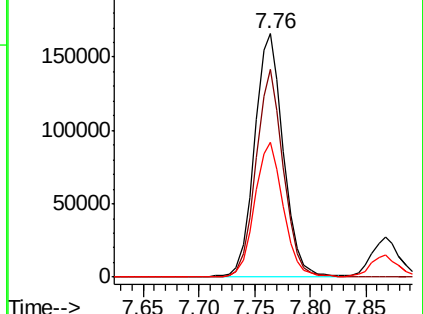
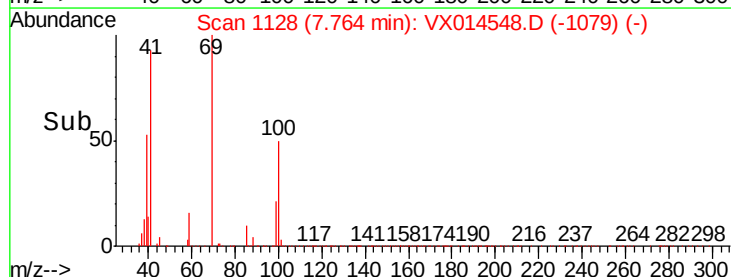
39 55.0 43.9 65.9

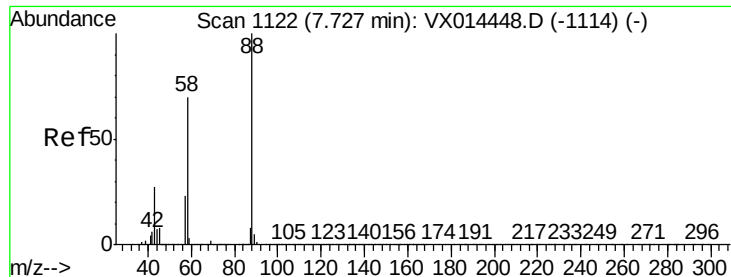


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 937.192 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

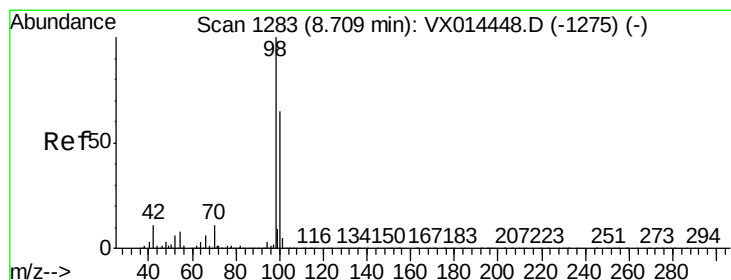
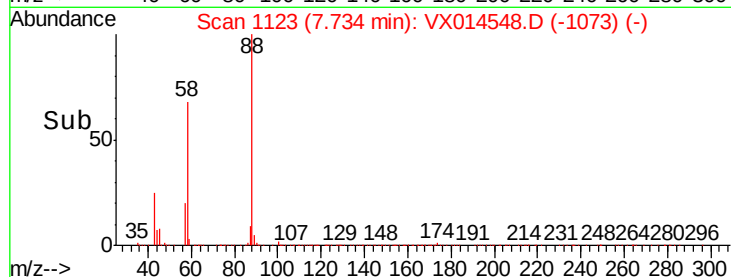
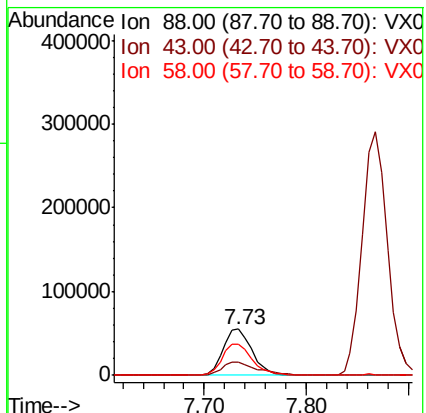
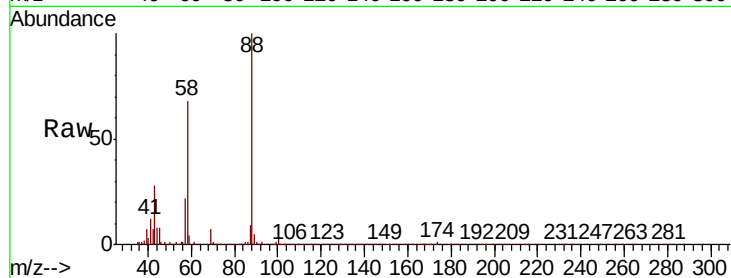
Tot Ion: 88 Resp: 107356

Ion Ratio Lower Upper

88 100

43 33.5 27.4 41.0

58 71.4 57.1 85.7



#50

Toluene-d8

Concen: 52.842 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014548.D

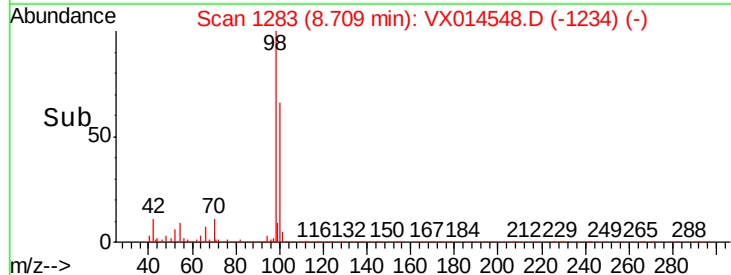
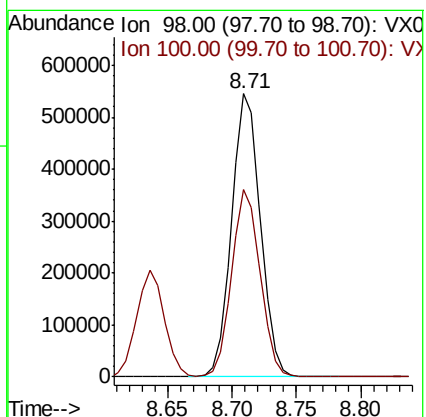
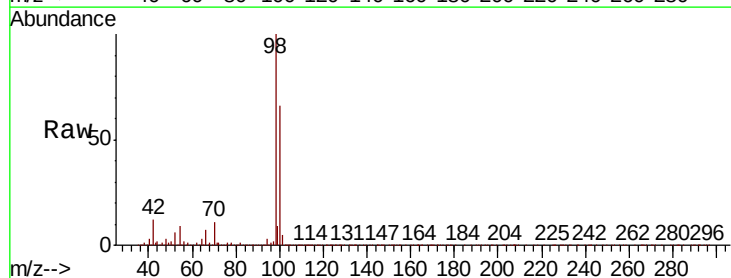
Acq: 10 Jan 2020 19:28

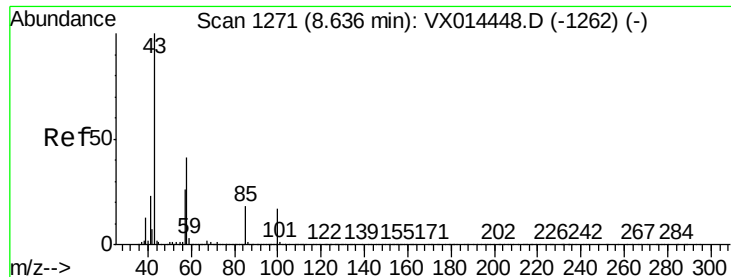
Tgt Ion: 98 Resp: 849122

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 274.066 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

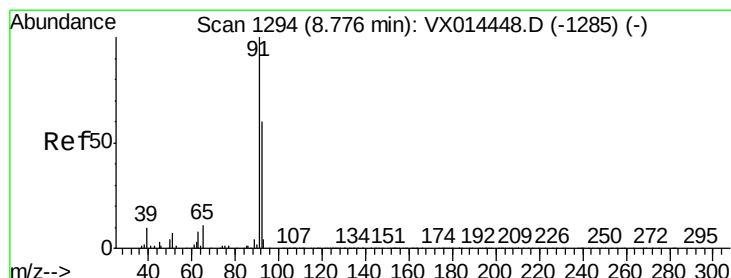
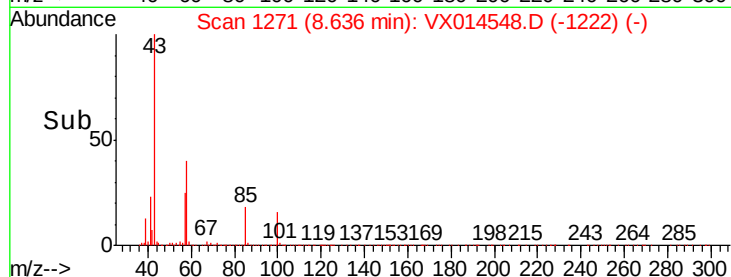
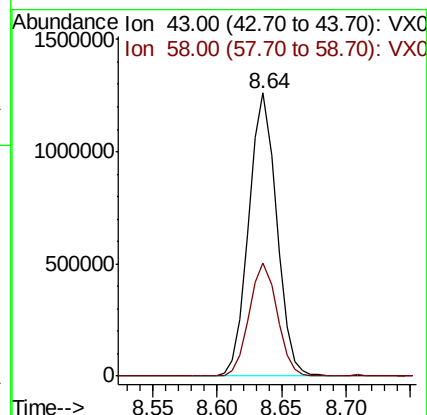
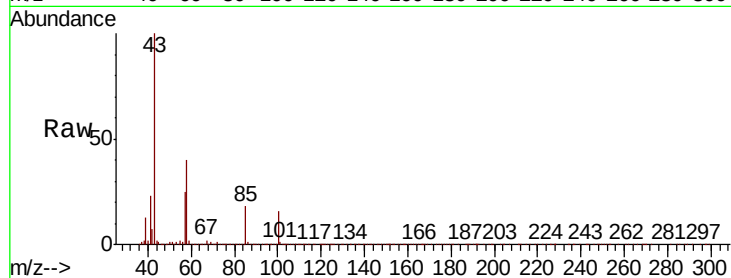
VSTDCCC050EC

Tot Ion: 43 Resp: 1885114

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



#52

Toluene

Concen: 51.676 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014548.D

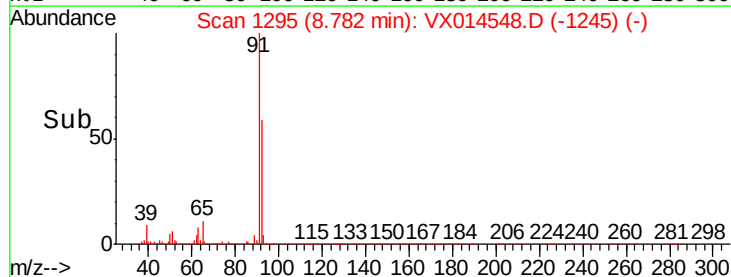
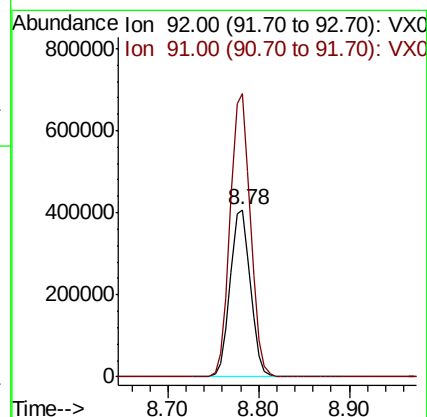
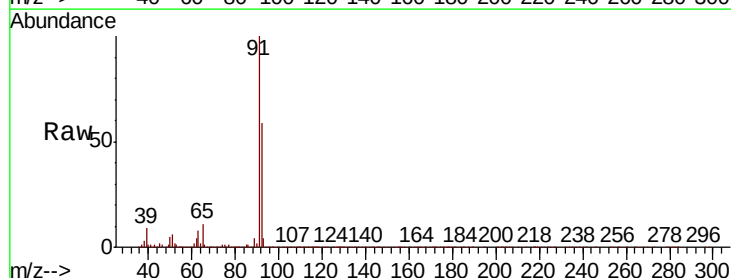
Acq: 10 Jan 2020 19:28

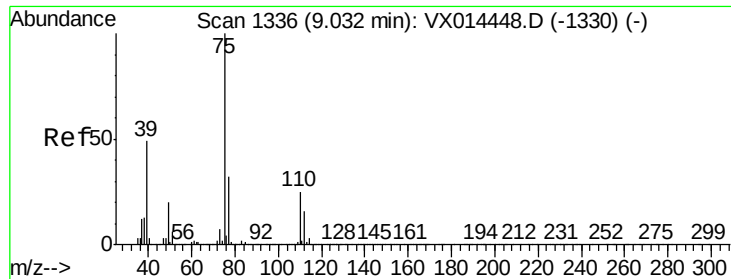
Tgt Ion: 92 Resp: 631574

Ion Ratio Lower Upper

92 100

91 169.5 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 50.839 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

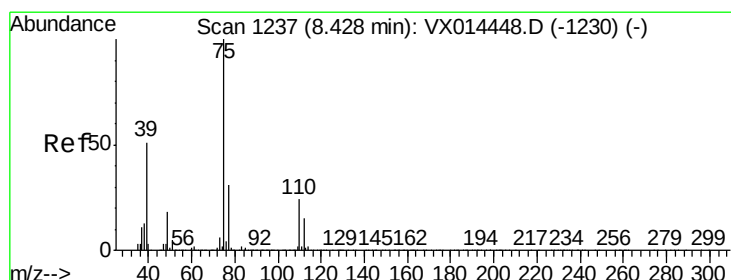
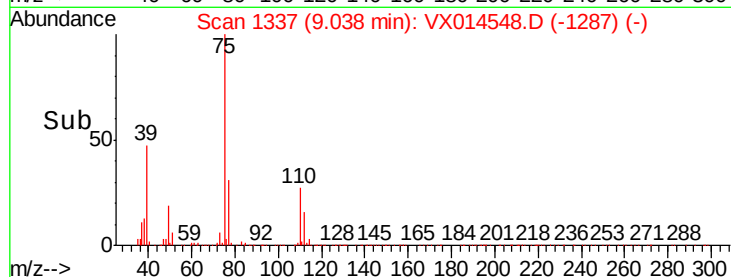
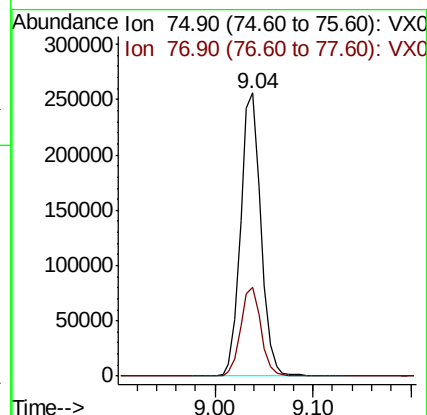
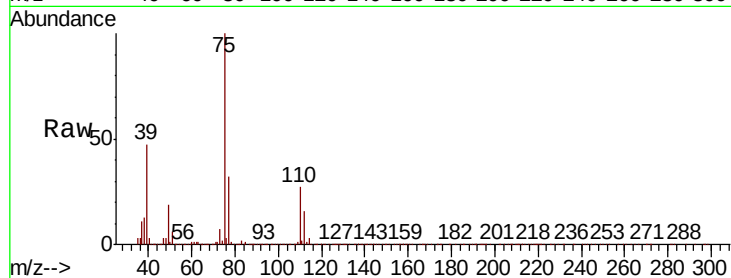
VSTDCCC050EC

Tot Ion: 75 Resp: 365897

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.971 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

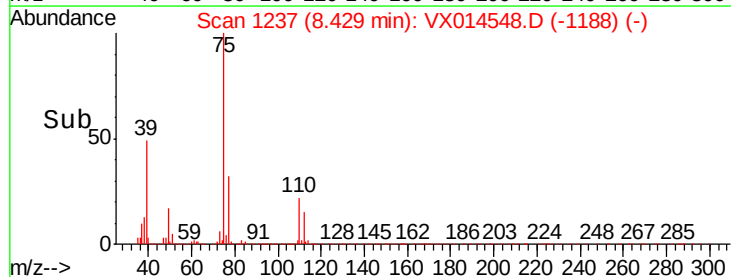
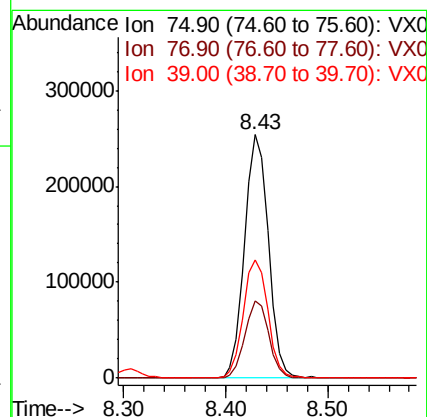
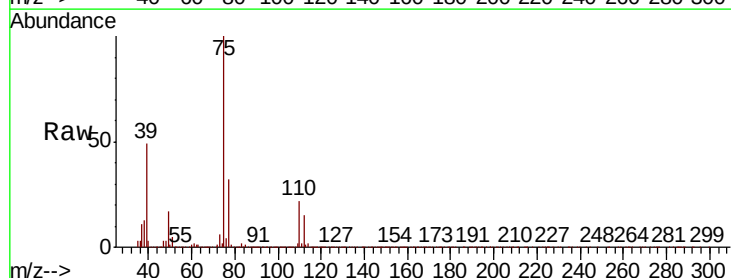
Tgt Ion: 75 Resp: 411830

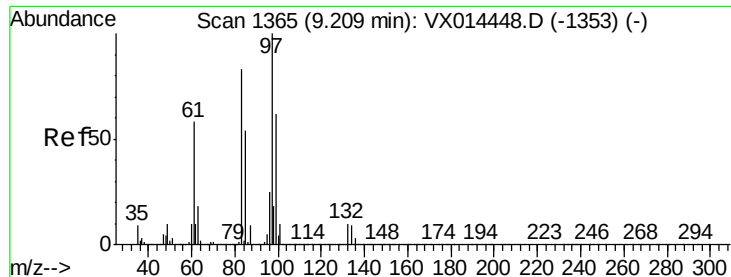
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 48.5 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 52.217 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 256334

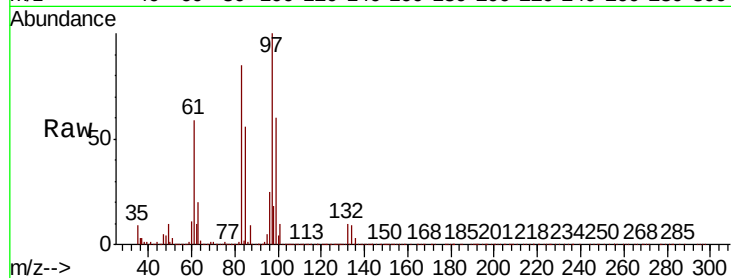
Ion Ratio Lower Upper

97 100

83 84.8 66.4 99.6

85 55.7 43.4 65.2

99 60.4 49.6 74.4

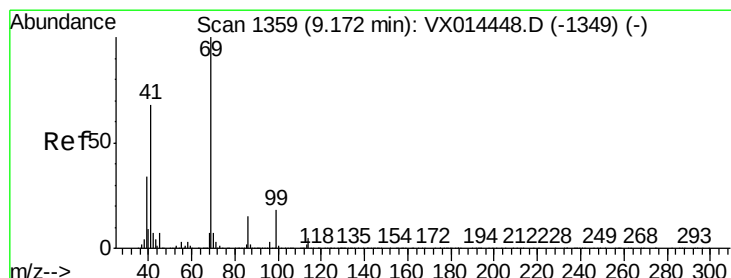
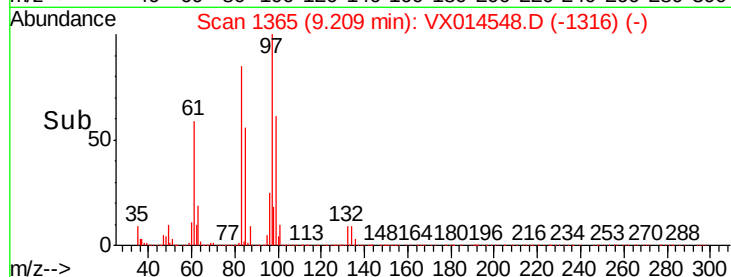
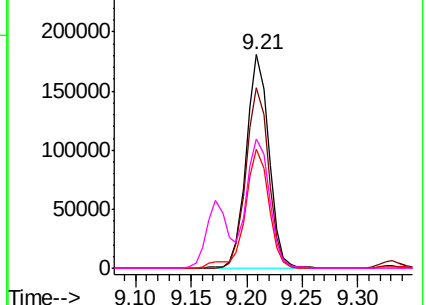


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.479 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

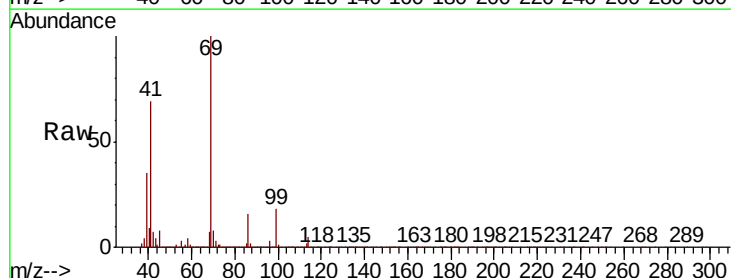
Tgt Ion: 69 Resp: 409728

Ion Ratio Lower Upper

69 100

41 67.9 54.2 81.2

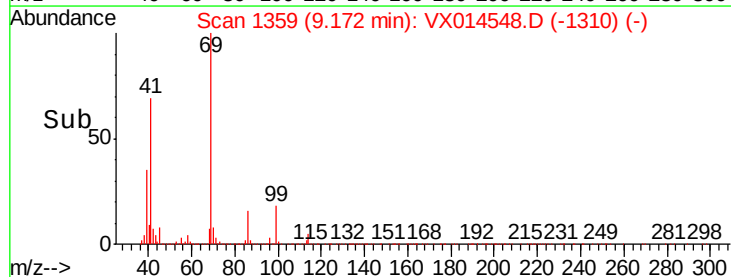
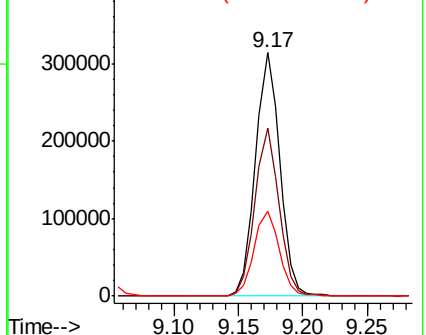
39 36.1 28.2 42.2

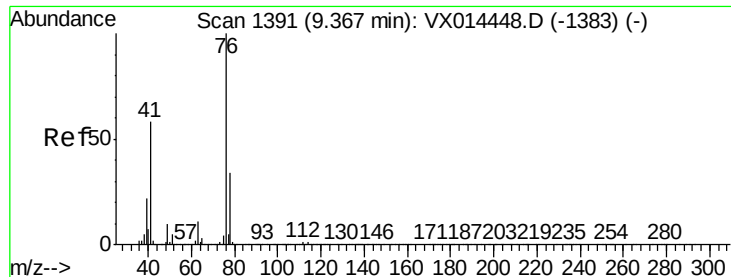


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.641 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

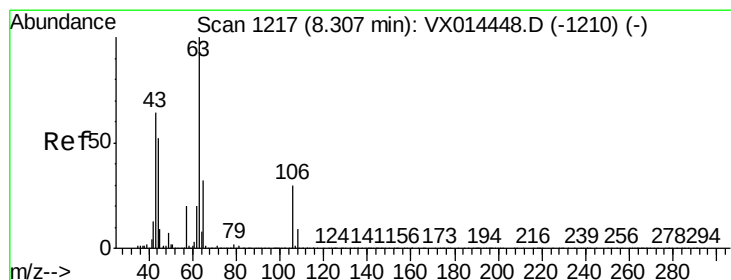
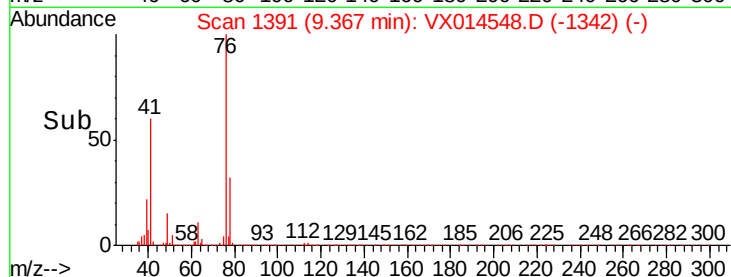
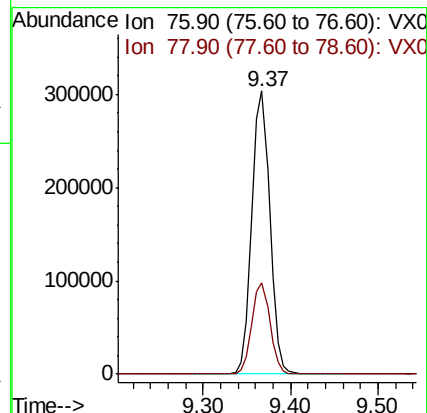
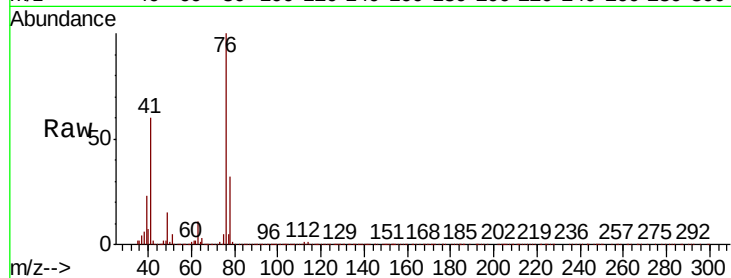
VSTDCCC050EC

Tot Ion: 76 Resp: 432077

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 271.514 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014548.D

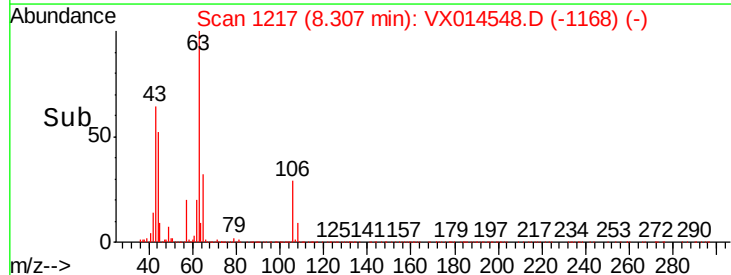
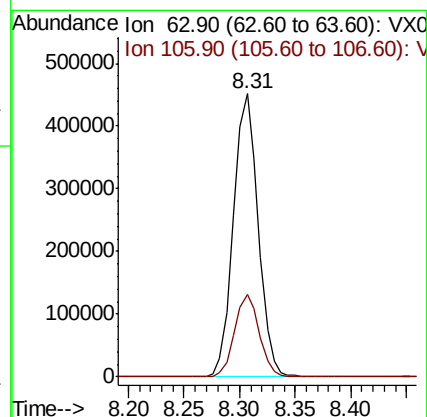
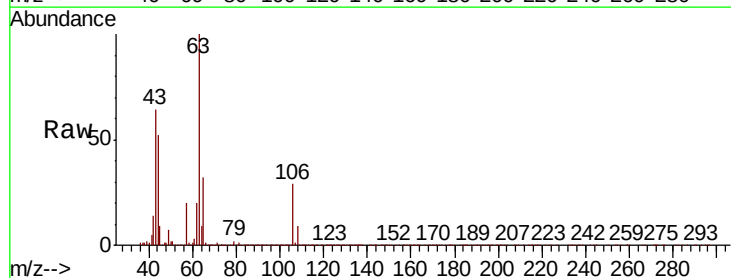
Acq: 10 Jan 2020 19:28

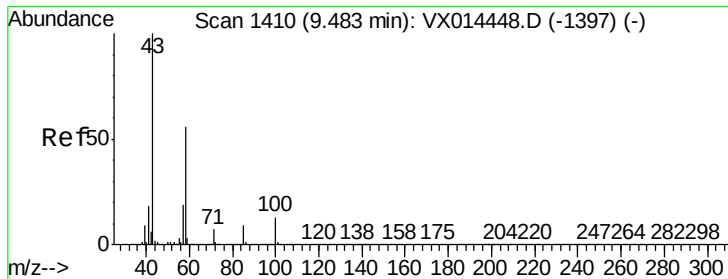
Tgt Ion: 63 Resp: 694768

Ion Ratio Lower Upper

63 100

106 29.2 23.6 35.4





#59

2-Hexanone

Concen: 260.651 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

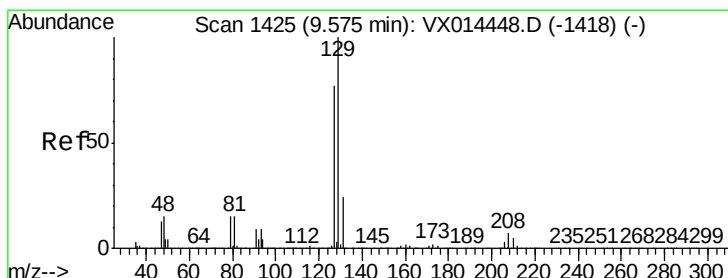
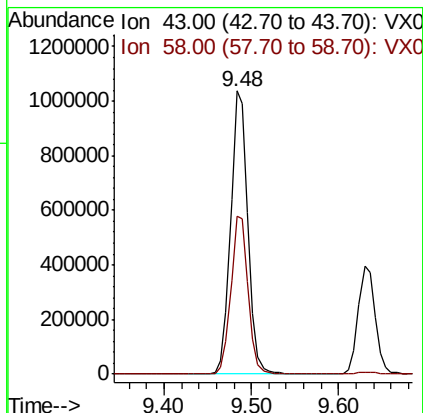
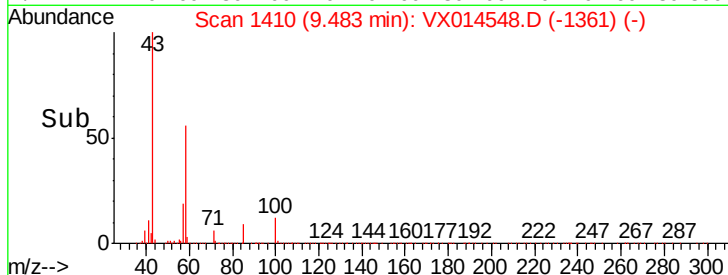
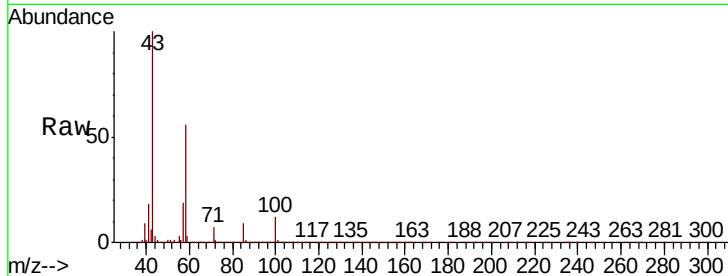
VSTDCCC050EC

Tot Ion: 43 Resp: 1418575

Ion Ratio Lower Upper

43 100

58 56.1 27.9 83.7



#60

Dibromochloromethane

Concen: 54.585 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014548.D

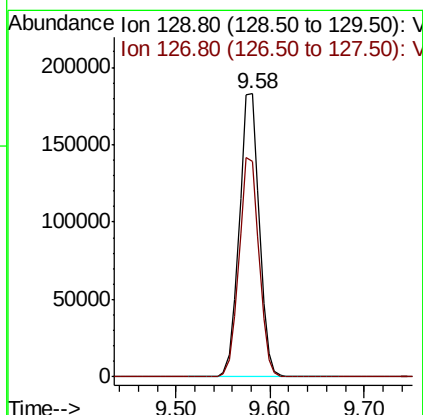
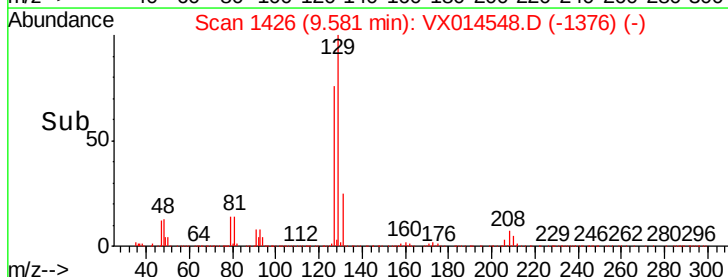
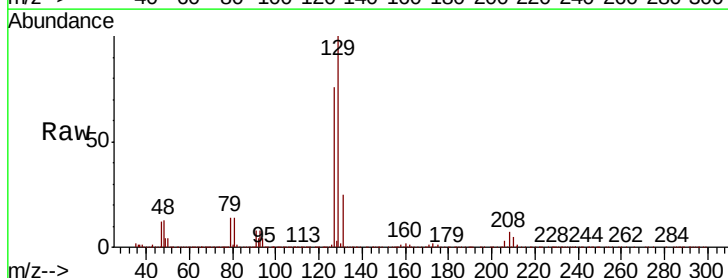
Acq: 10 Jan 2020 19:28

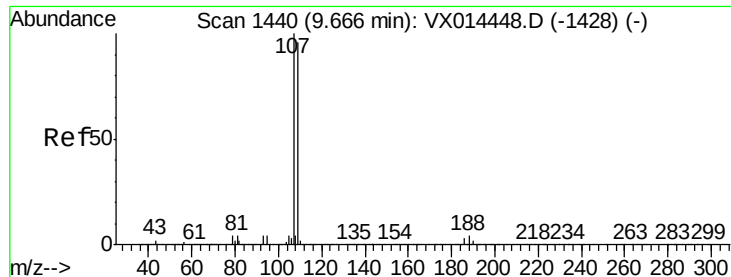
Tgt Ion: 129 Resp: 269334

Ion Ratio Lower Upper

129 100

127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.244 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

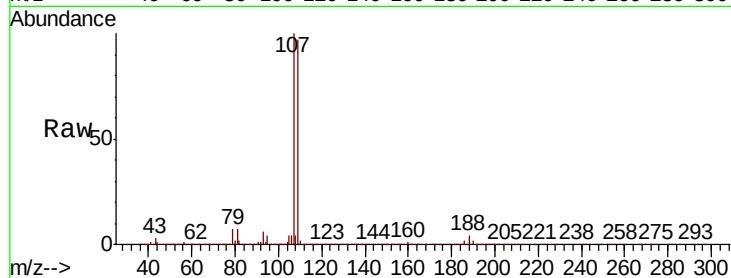
VSTDCCC050EC

Tot Ion:107 Resp: 266472

Ion Ratio Lower Upper

107 100

109 95.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

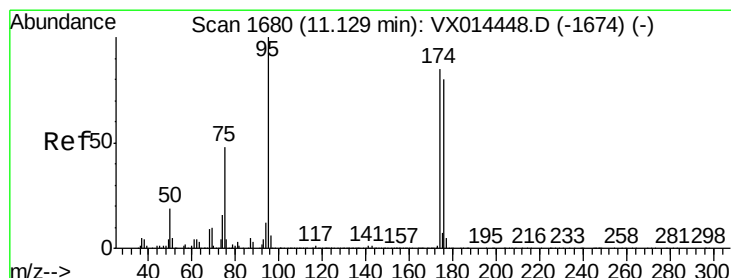
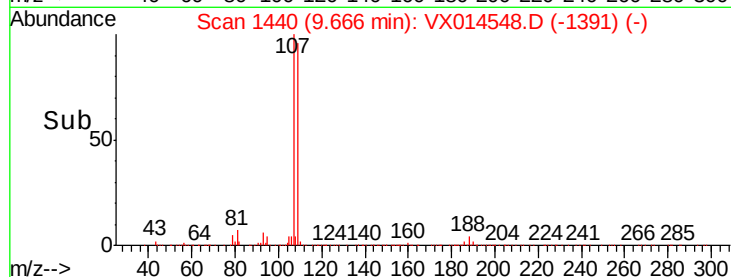
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.614 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

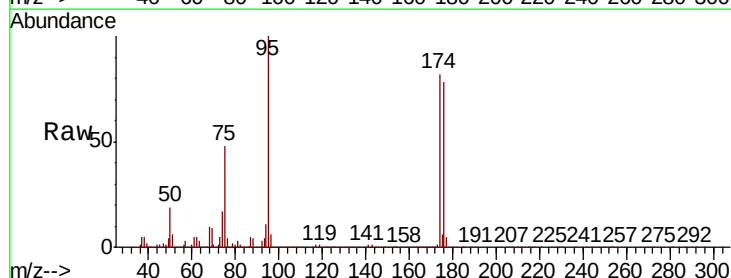
Tgt Ion: 95 Resp: 304480

Ion Ratio Lower Upper

95 100

174 87.9 0.0 180.8

176 84.8 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

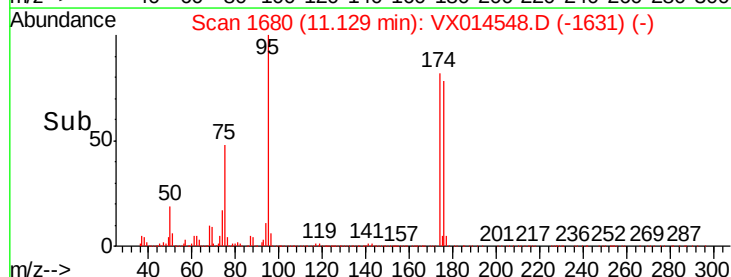
150000

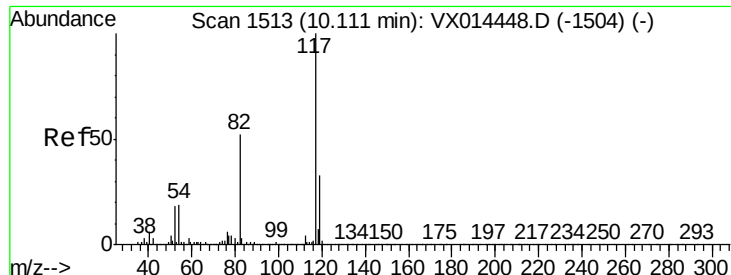
100000

50000

0

Time-->

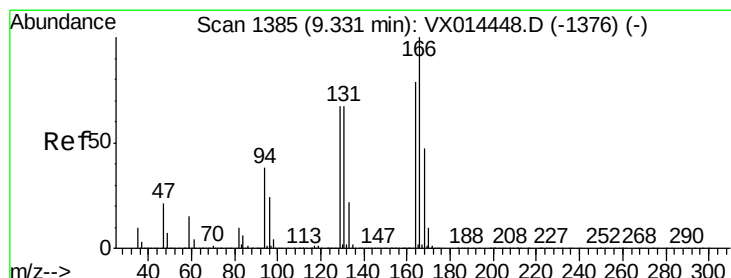
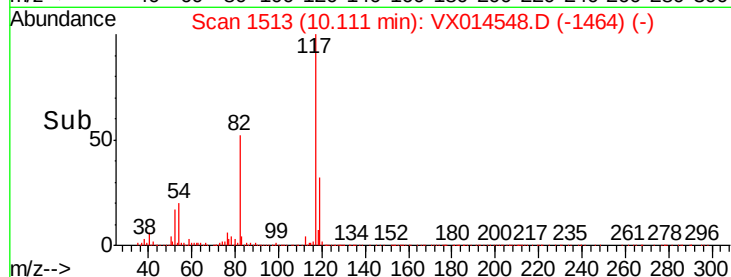
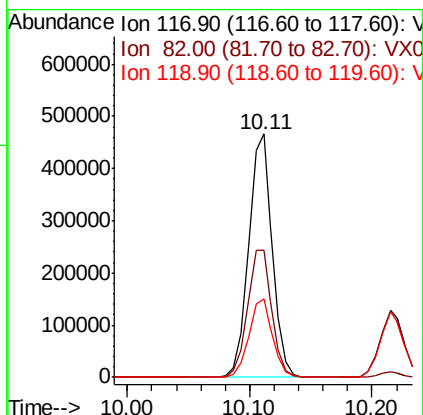
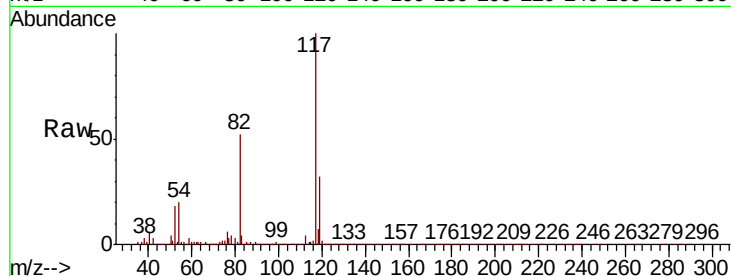




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

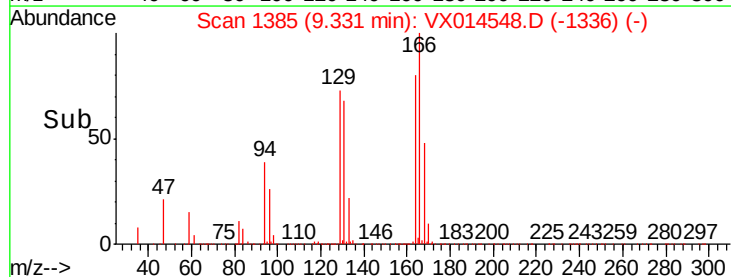
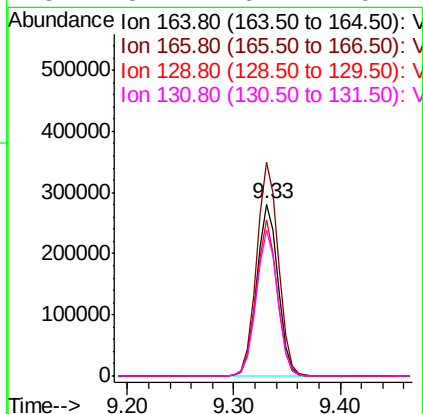
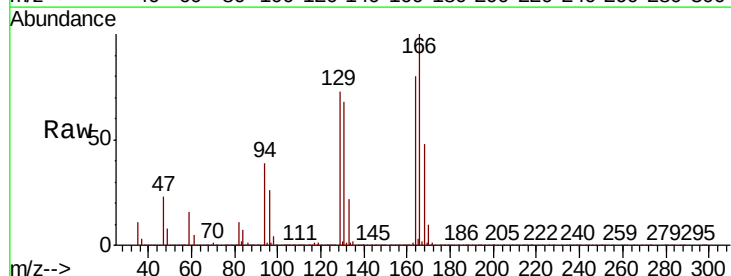
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

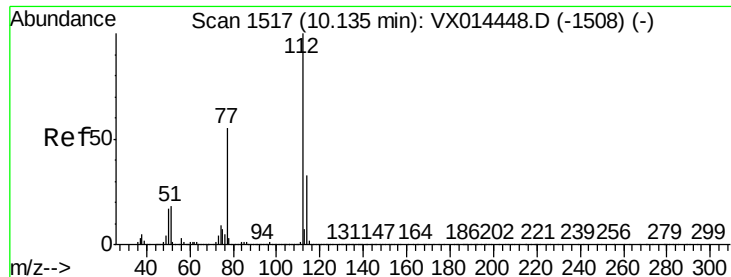
Tot Ion:117 Resp: 622270
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.6
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 63.413 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion:164 Resp: 395475
Ion Ratio Lower Upper
164 100
166 124.2 101.2 151.8
129 90.6 68.3 102.5
131 84.7 67.4 101.2





#65

Chlorobenzene

Concen: 50.186 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

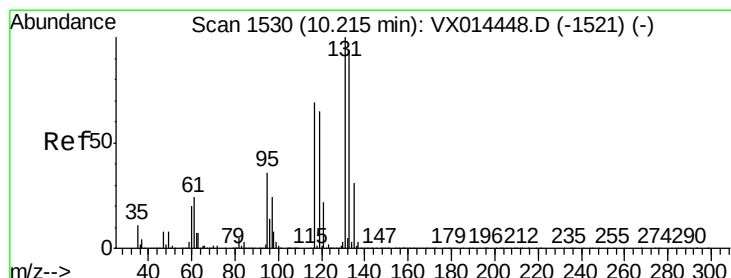
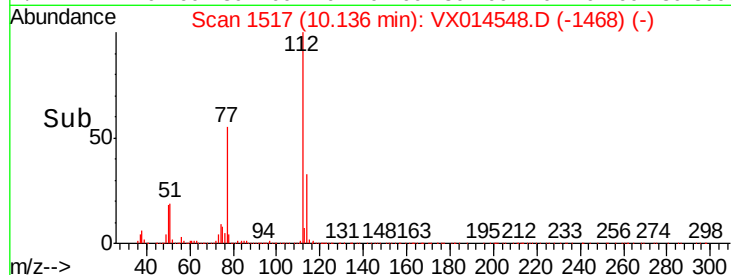
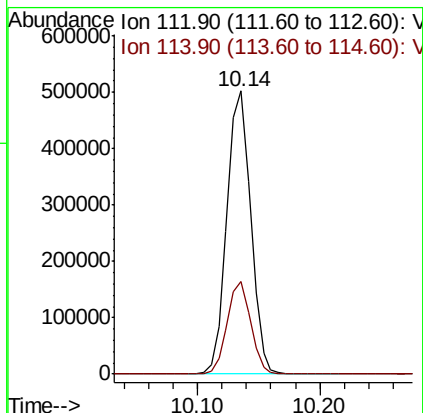
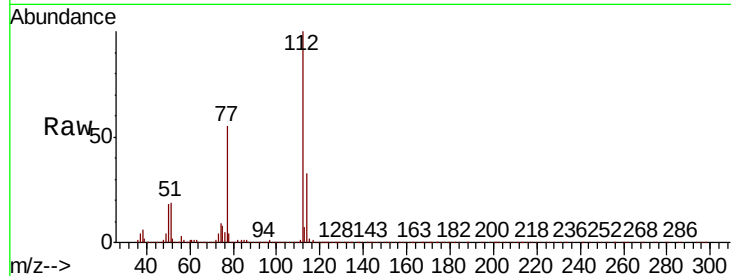
VSTDCCC050EC

Tot Ion:112 Resp: 677724

Ion Ratio Lower Upper

112 100

114 32.6 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.607 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

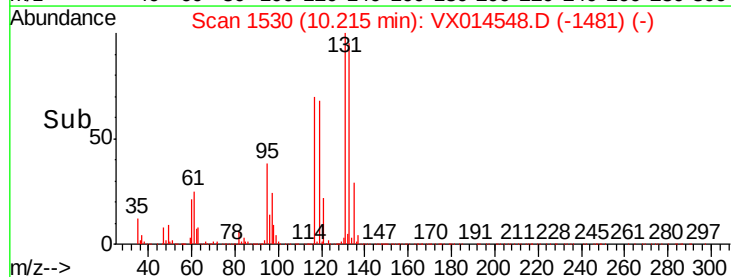
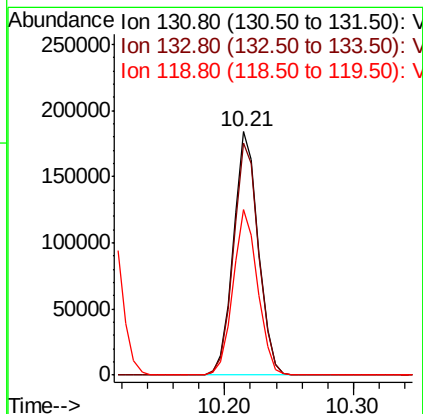
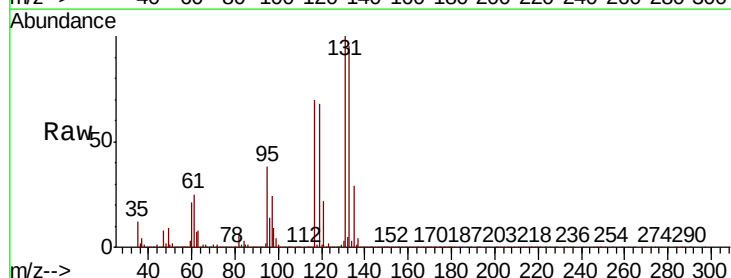
Tgt Ion:131 Resp: 248709

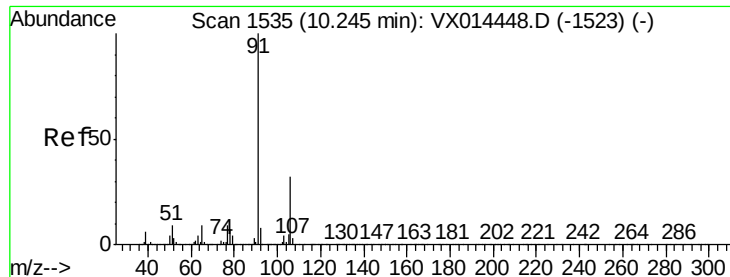
Ion Ratio Lower Upper

131 100

133 95.8 47.3 142.0

119 66.7 32.8 98.4

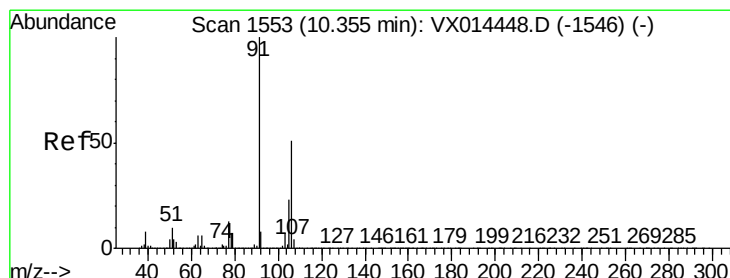
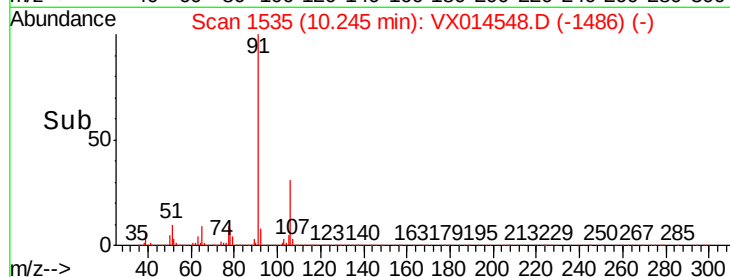
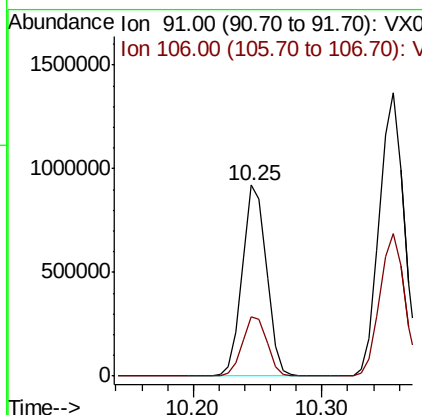
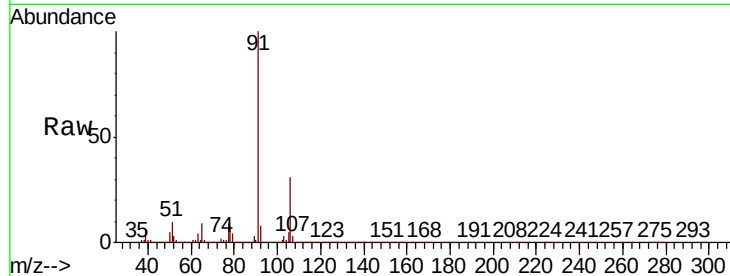




#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

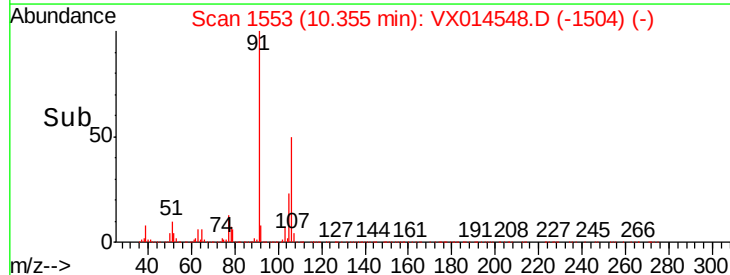
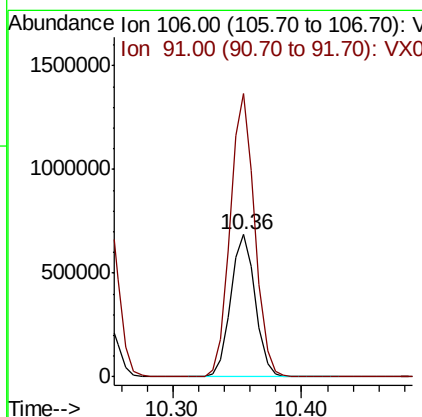
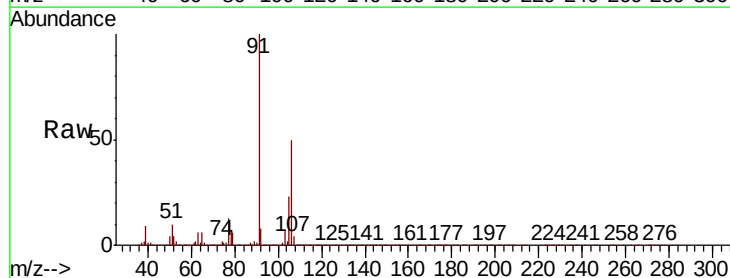
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

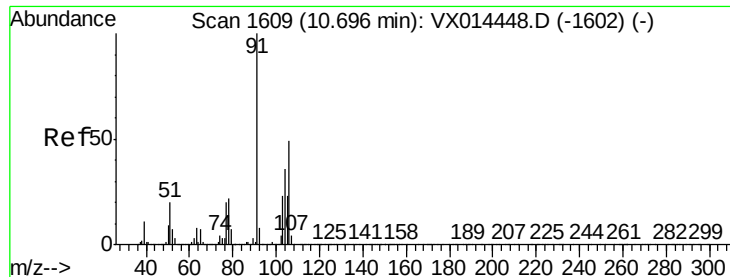
Tot Ion: 91 Resp: 1197297
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 103.260 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 106 Resp: 916944
Ion Ratio Lower Upper
106 100
91 197.8 157.4 236.0

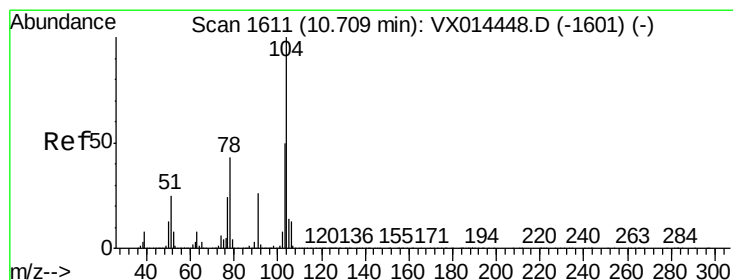
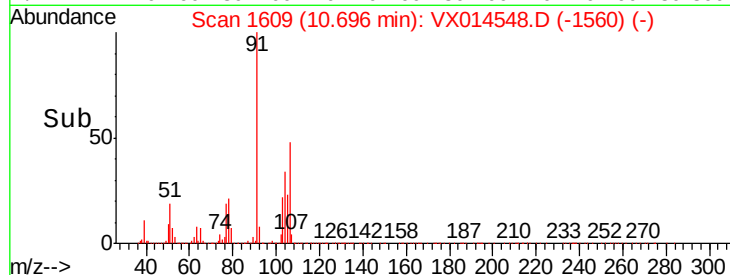
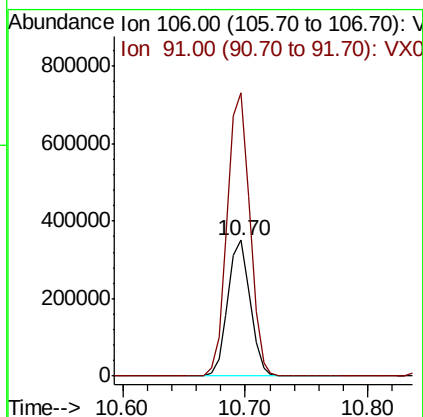
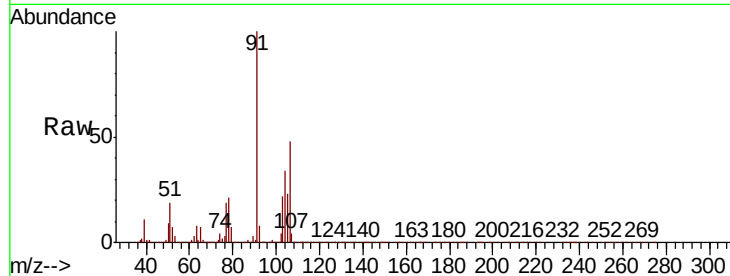




#69
o-Xylene
Concen: 52.399 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

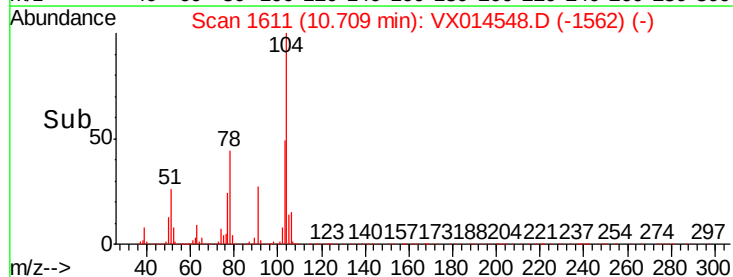
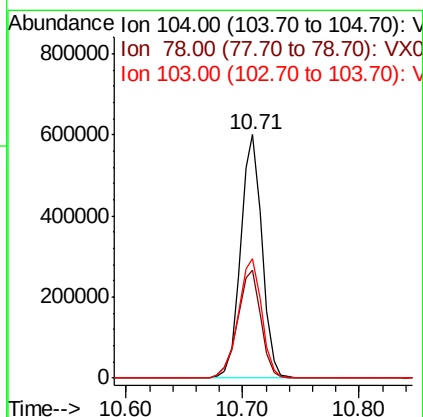
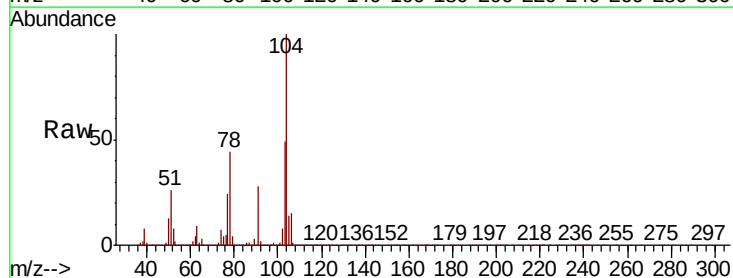
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

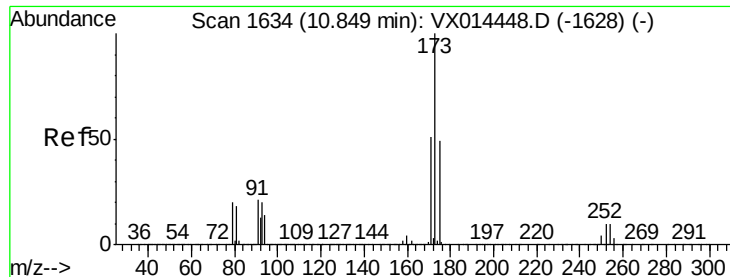
Tot Ion:106 Resp: 443951
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1



#70
Styrene
Concen: 52.355 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion:104 Resp: 765508
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.1 43.7 65.5





#71

Bromoform

Concen: 51.638 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

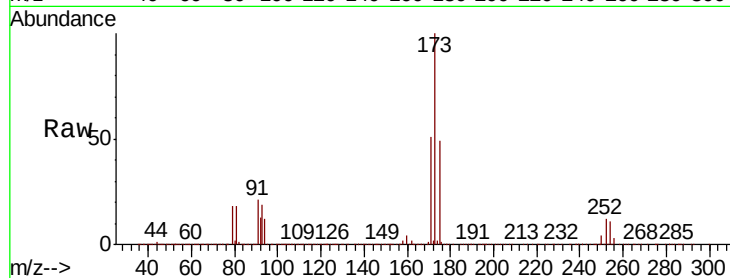
Tot Ion:173 Resp: 203610

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

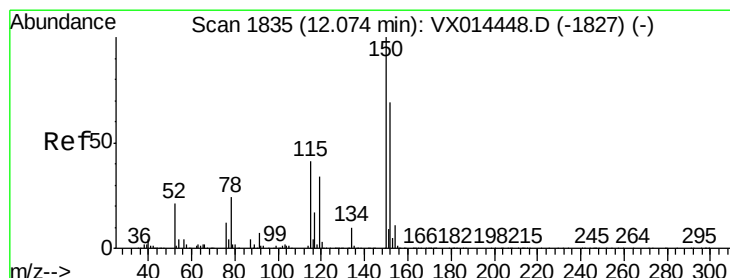
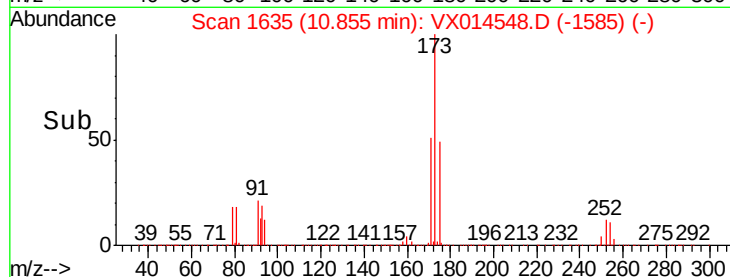
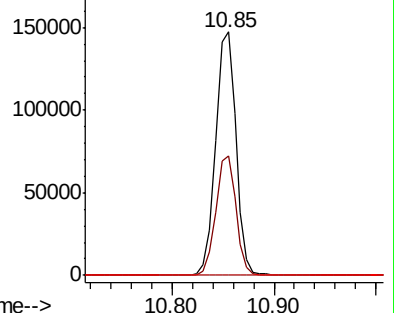
254 0.3 0.2 0.2#



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: VX014548.D

Acq: 10 Jan 2020 19:28

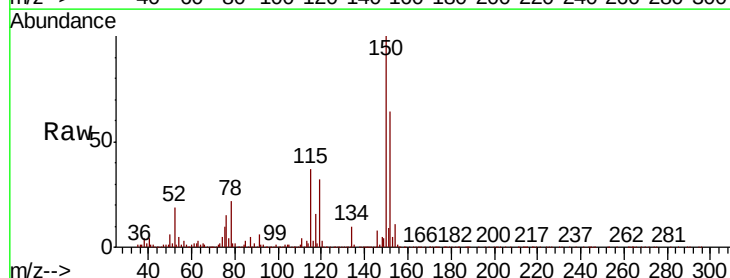
Tgt Ion:152 Resp: 314482

Ion Ratio Lower Upper

152 100

115 79.0 39.5 118.3

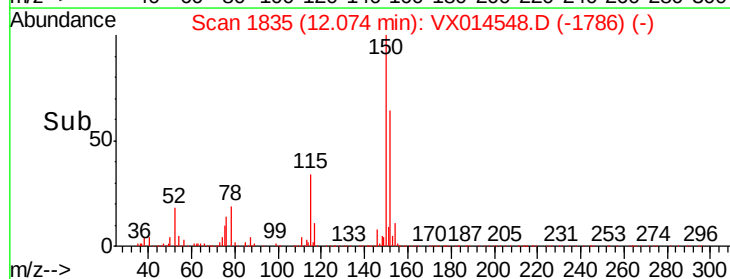
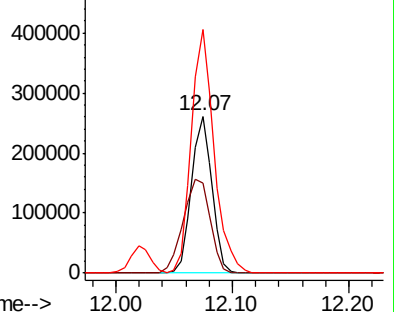
150 173.5 0.0 350.2

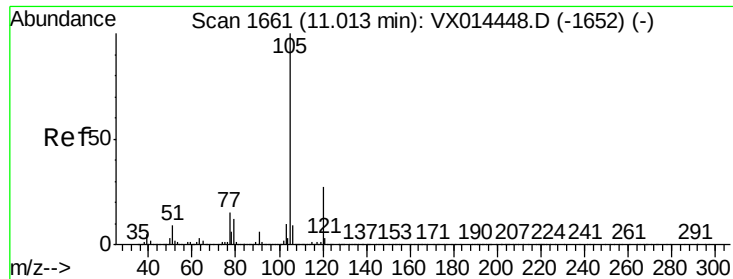


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.007 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

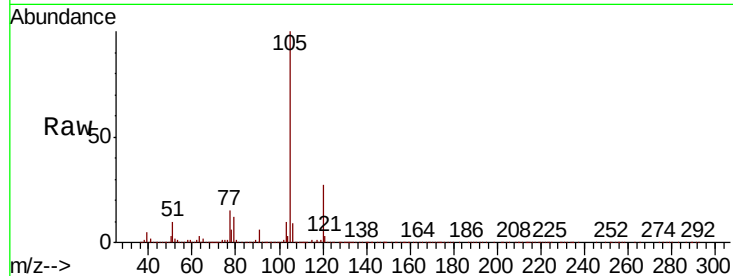
VSTDCCC050EC

Tot Ion:105 Resp: 1170574

Ion Ratio Lower Upper

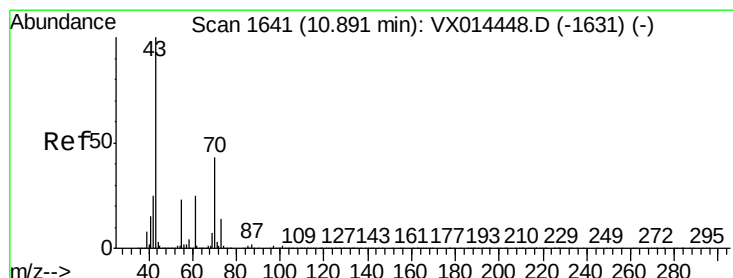
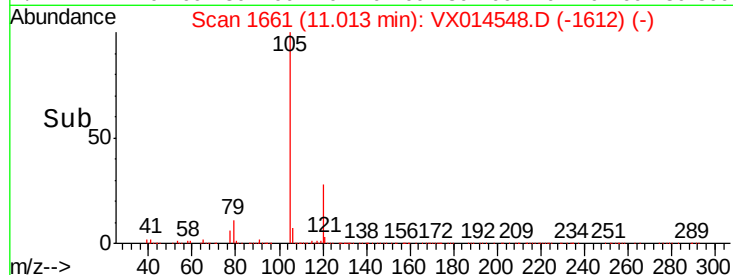
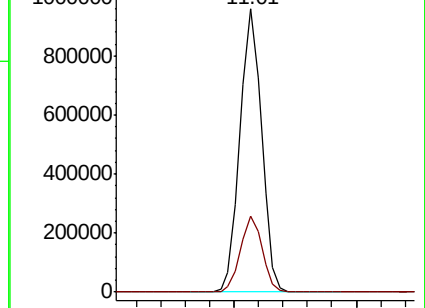
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.688 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Tgt Ion: 43 Resp: 532823

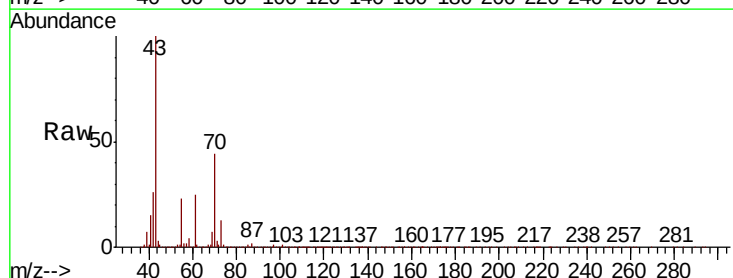
Ion Ratio Lower Upper

43 100

70 43.9 35.1 52.7

55 23.9 19.3 28.9

61 25.0 20.0 30.0

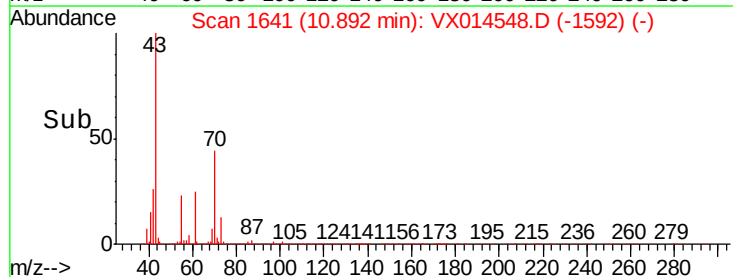
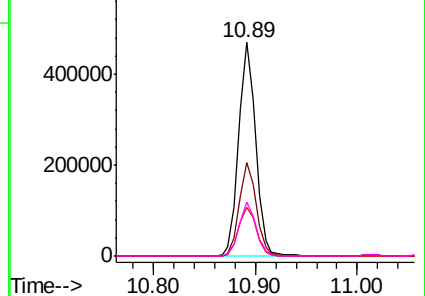


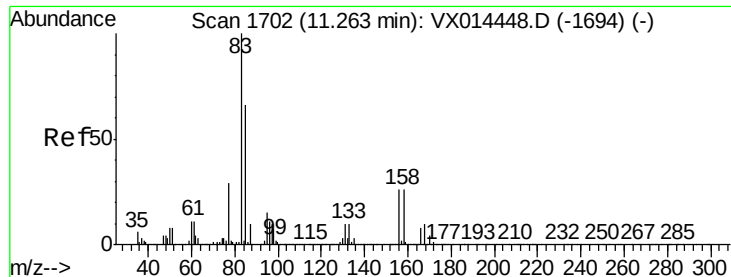
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.200 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

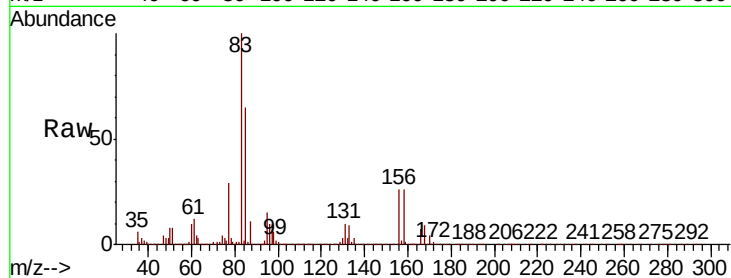
Tot Ion: 83 Resp: 355518

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

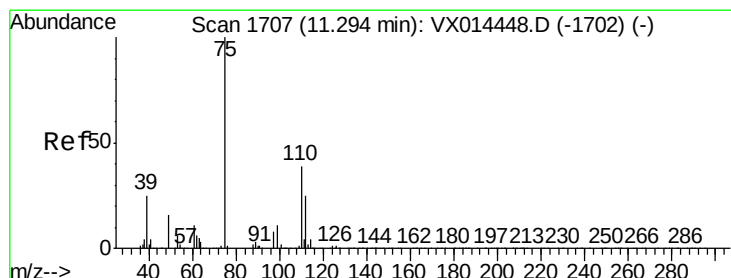
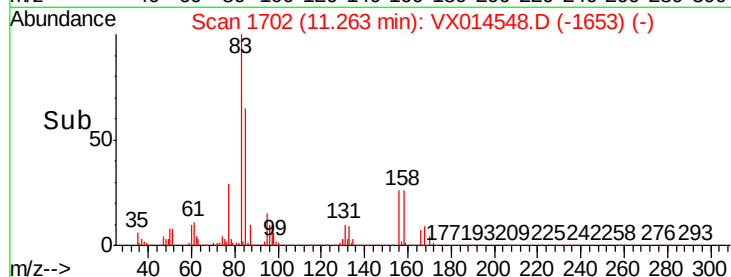
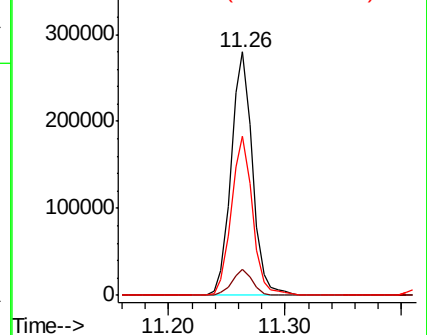
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.559 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014548.D

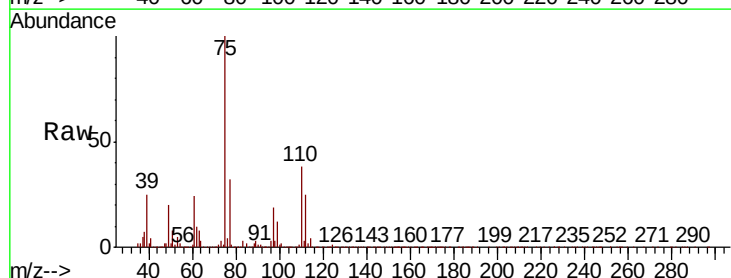
Acq: 10 Jan 2020 19:28

Tgt Ion: 75 Resp: 446092

Ion Ratio Lower Upper

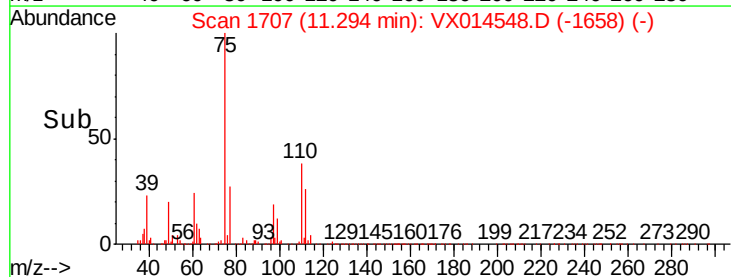
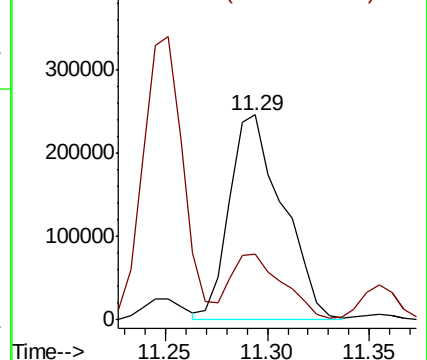
75 100

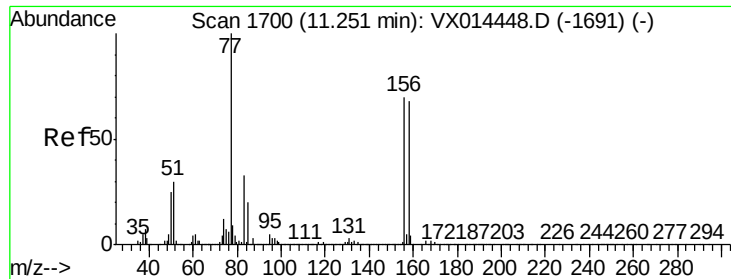
77 30.8 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.859 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

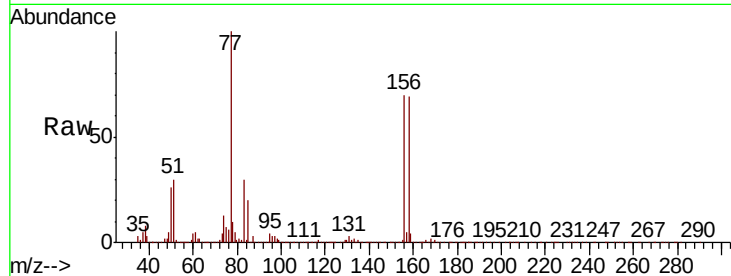
Tot Ion:156 Resp: 305346

Ion Ratio Lower Upper

156 100

77 151.8 75.4 226.3

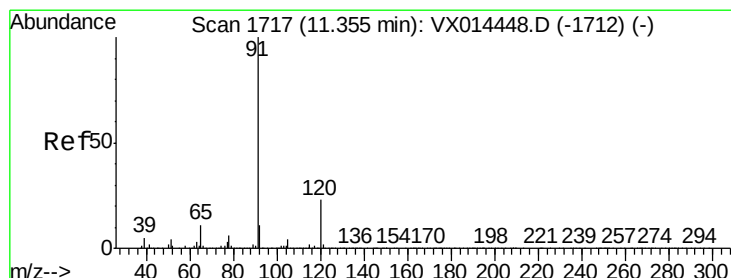
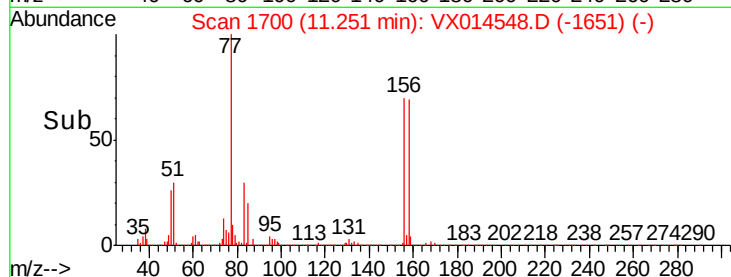
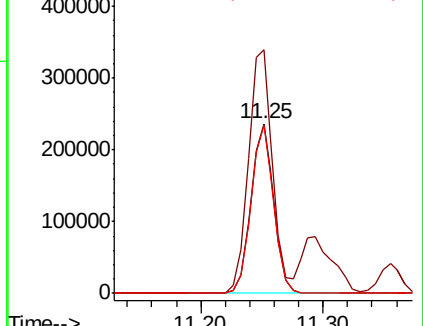
158 98.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.704 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014548.D

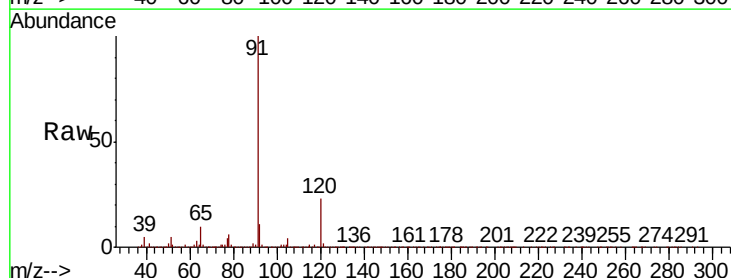
Acq: 10 Jan 2020 19:28

Tgt Ion: 91 Resp: 1332923

Ion Ratio Lower Upper

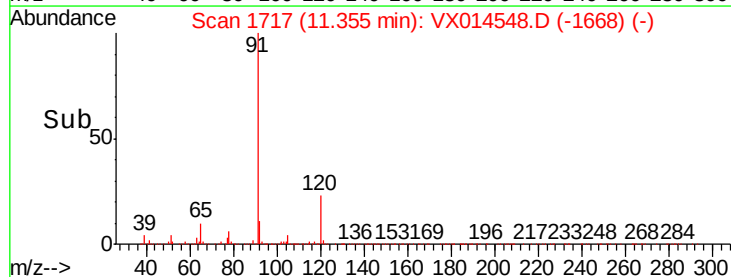
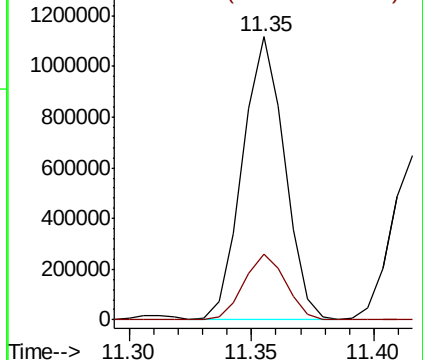
91 100

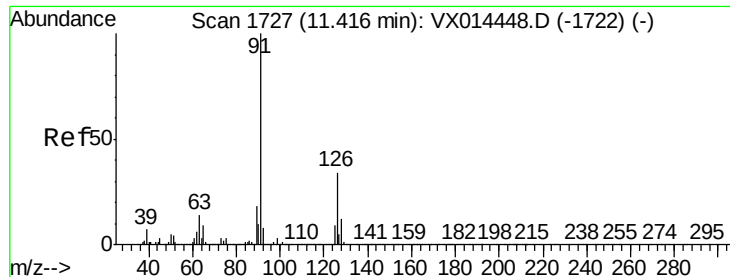
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

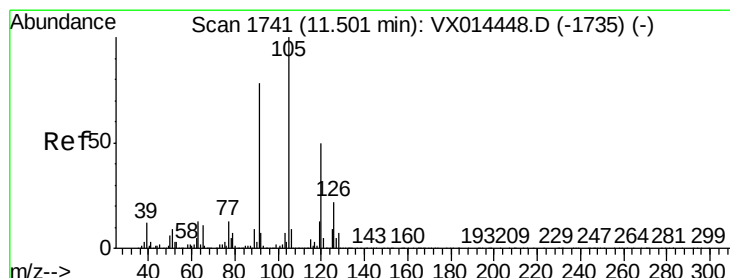
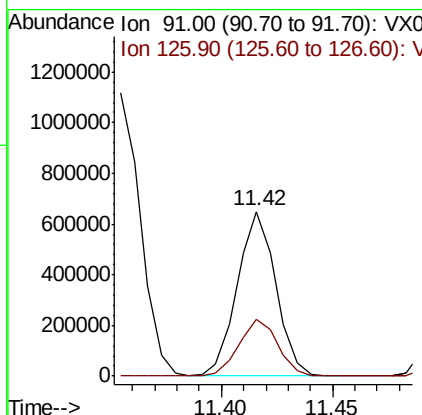
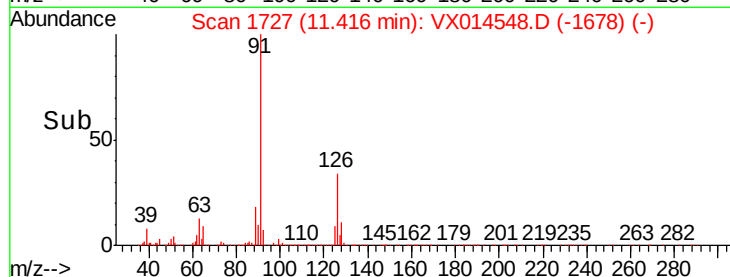
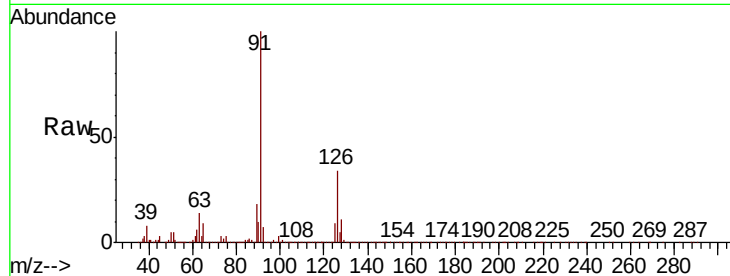




#79
2-Chlorotoluene
Concen: 51.956 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

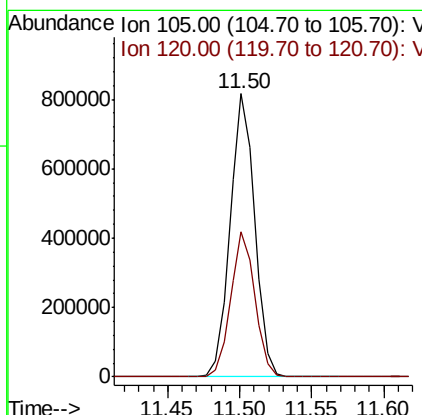
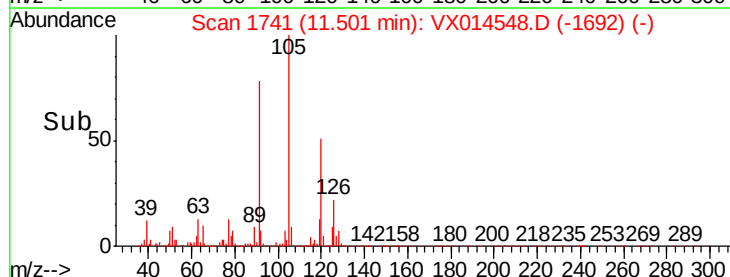
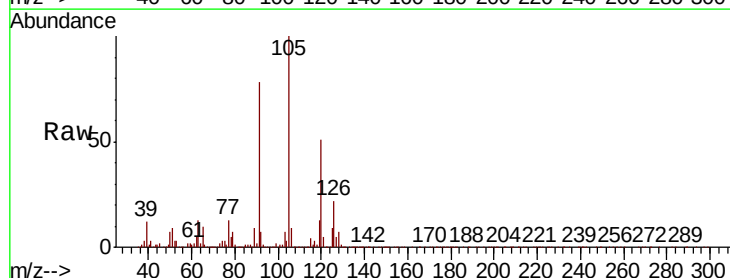
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

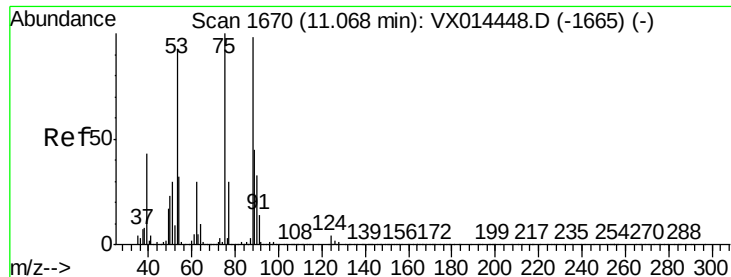
Tot Ion: 91 Resp: 783139
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 53.351 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 105 Resp: 978157
Ion Ratio Lower Upper
105 100
120 50.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.585 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

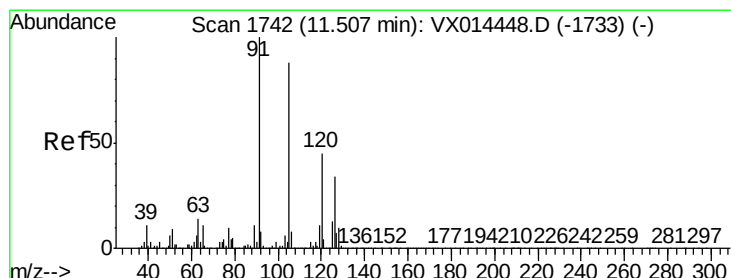
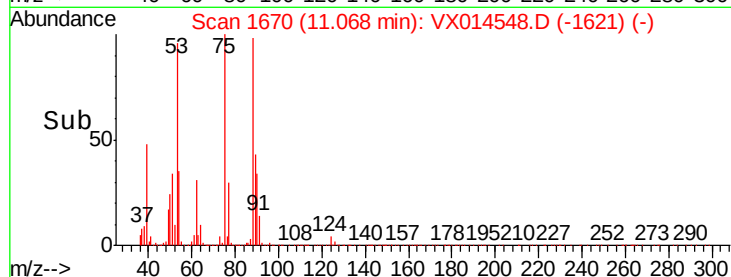
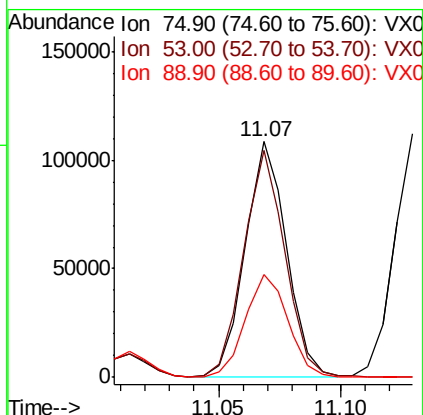
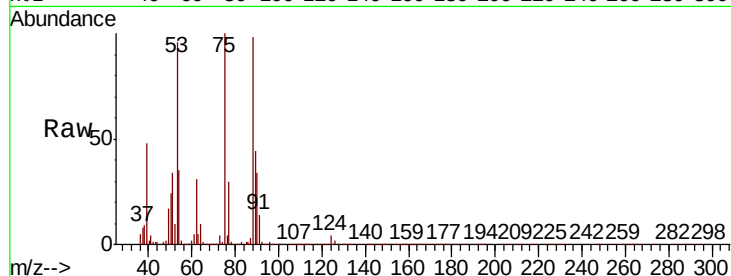
Tot Ion: 75 Resp: 126957

Ion Ratio Lower Upper

75 100

53 96.7 74.8 112.2

89 45.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 50.487 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014548.D

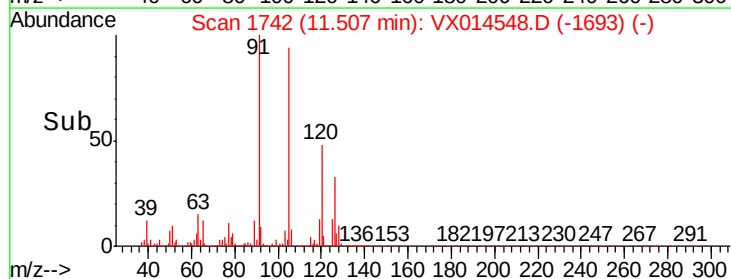
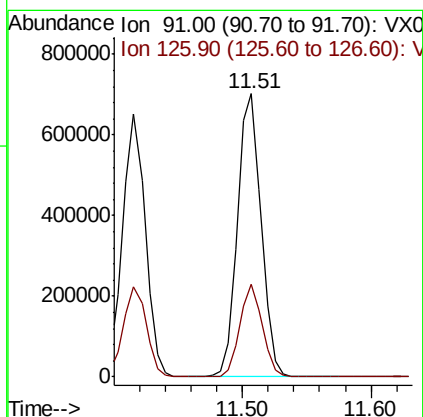
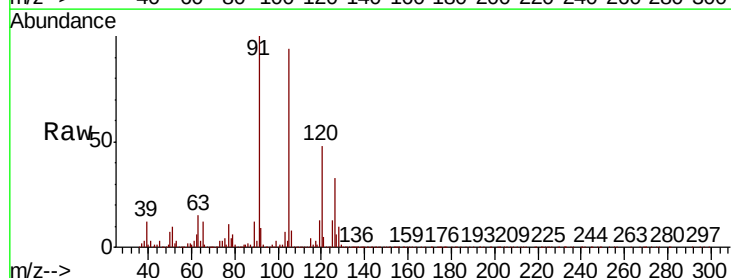
Acq: 10 Jan 2020 19:28

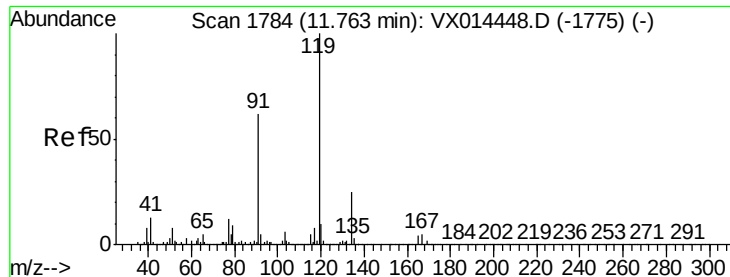
Tgt Ion: 91 Resp: 893277

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.7





#83

tert-Butylbenzene

Concen: 47.970 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

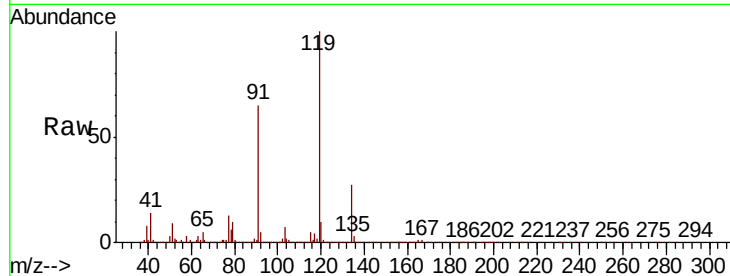
Tot Ion:119 Resp: 831011

Ion Ratio Lower Upper

119 100

91 64.3 29.3 88.0

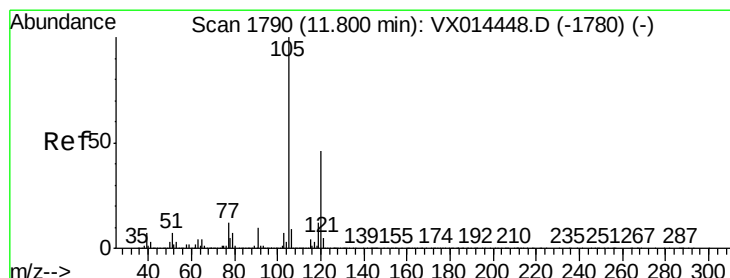
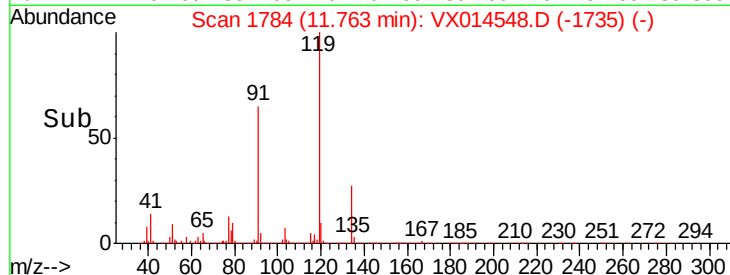
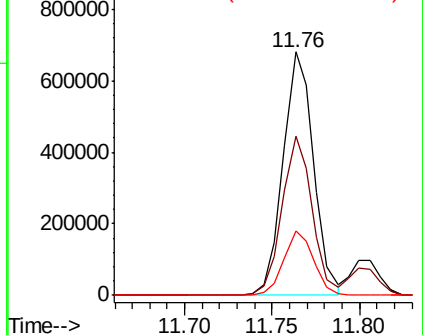
134 25.9 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.912 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014548.D

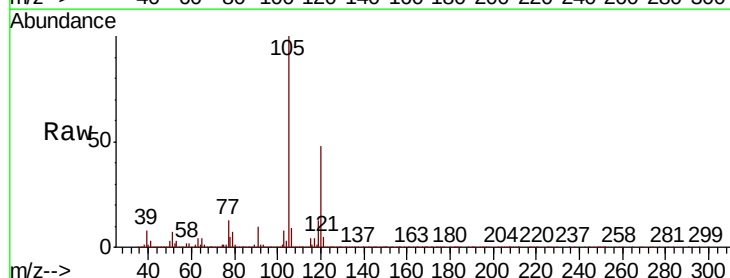
Acq: 10 Jan 2020 19:28

Tgt Ion:105 Resp: 980270

Ion Ratio Lower Upper

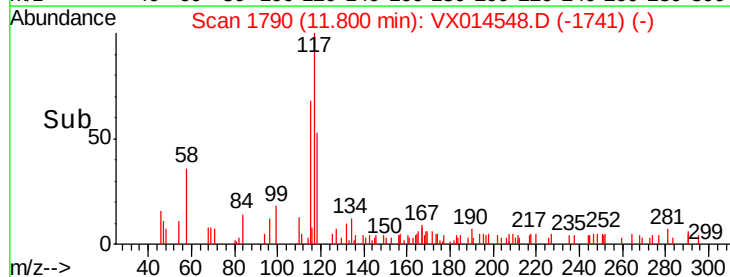
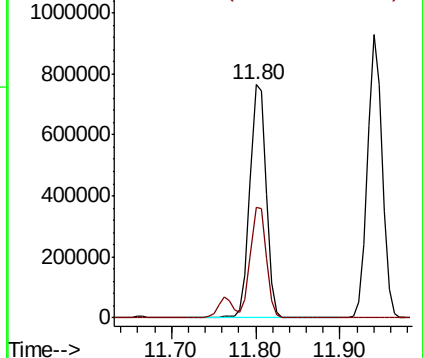
105 100

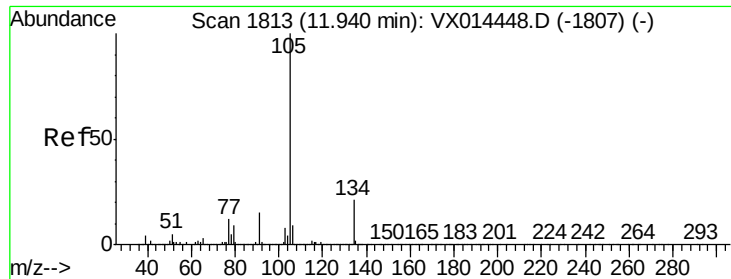
120 46.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.315 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

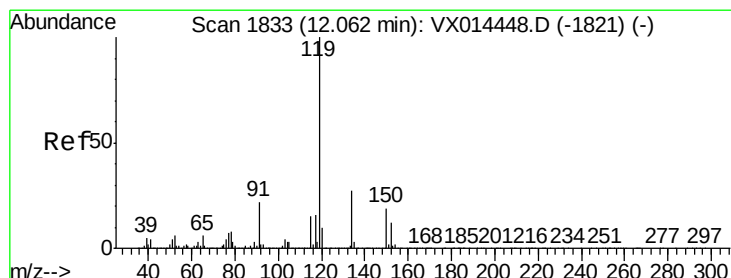
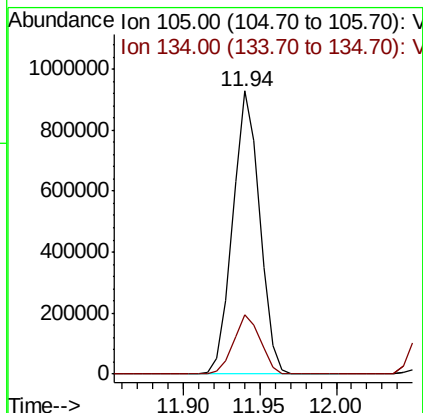
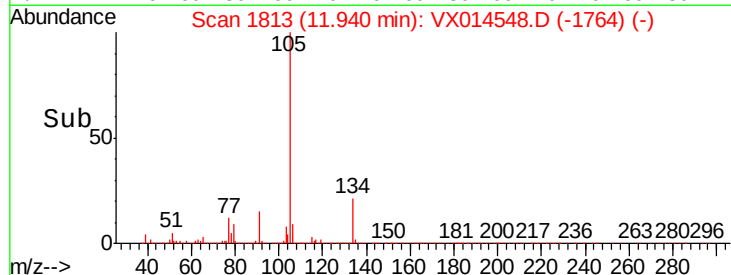
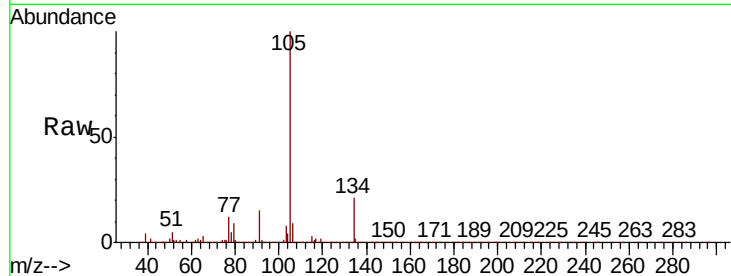
VSTDCCC050EC

Tot Ion:105 Resp: 1126637

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



#86

p-Isopropyltoluene

Concen: 51.794 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

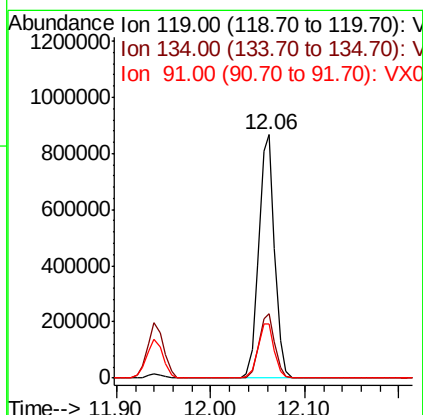
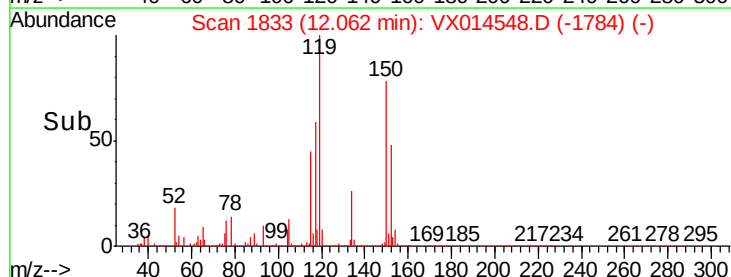
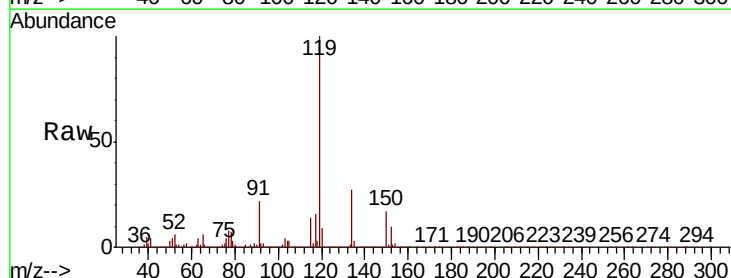
Tgt Ion:119 Resp: 1035061

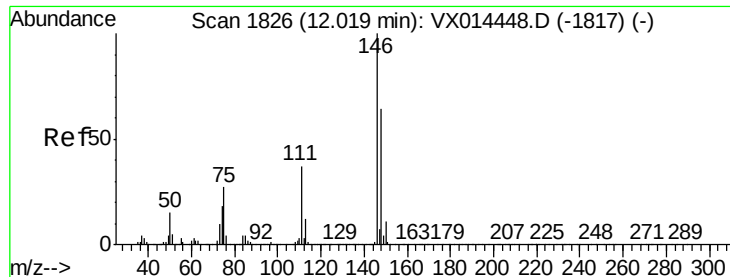
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 49.359 ug/l

RT: 12.02 min Scan# 1826

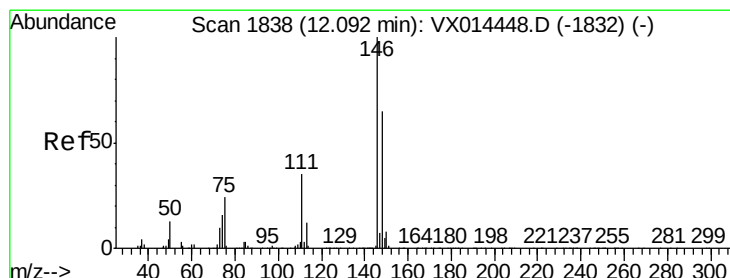
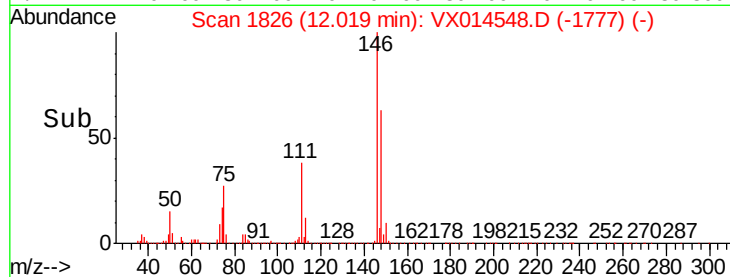
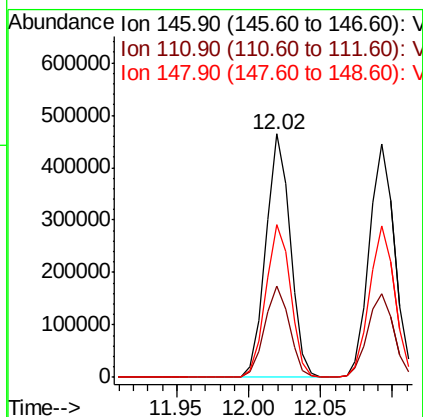
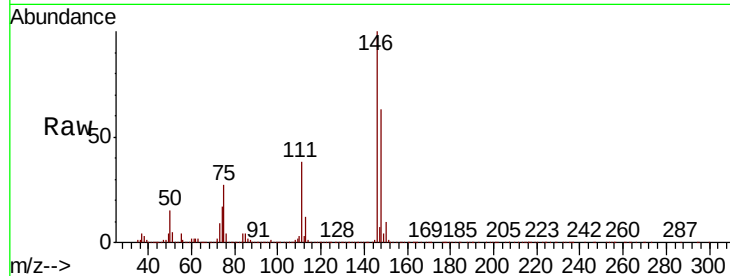
Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.9	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 51.694 ug/l

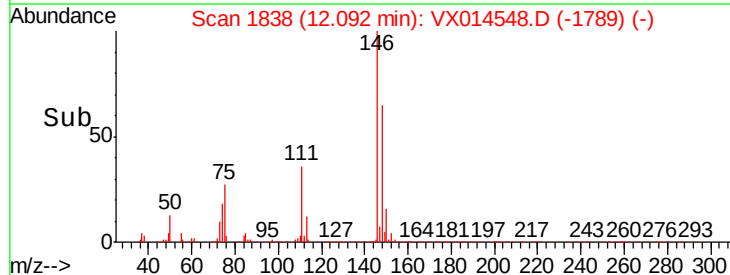
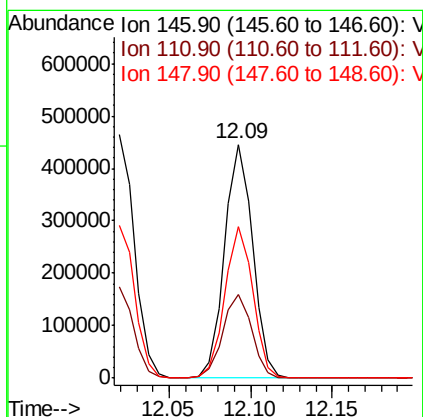
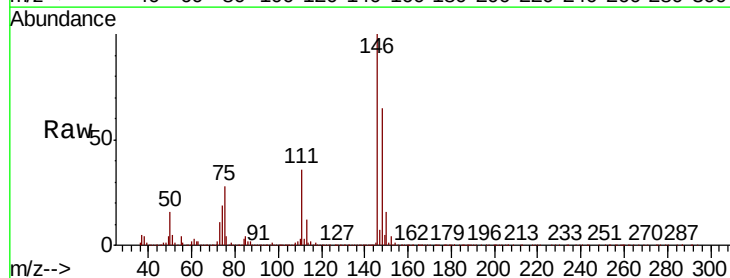
RT: 12.09 min Scan# 1838

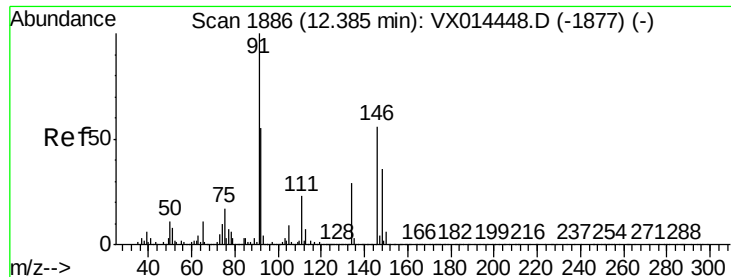
Delta R.T. 0.00 min

Lab File: VX014548.D

Acq: 10 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	64.5	32.1	96.3

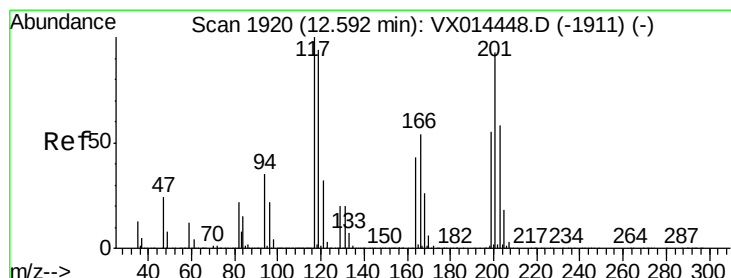
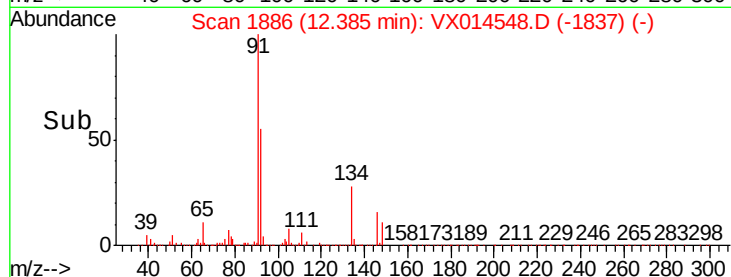
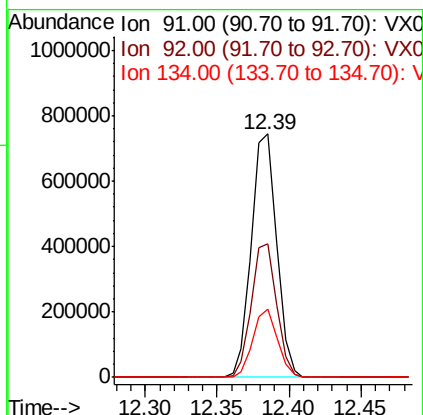
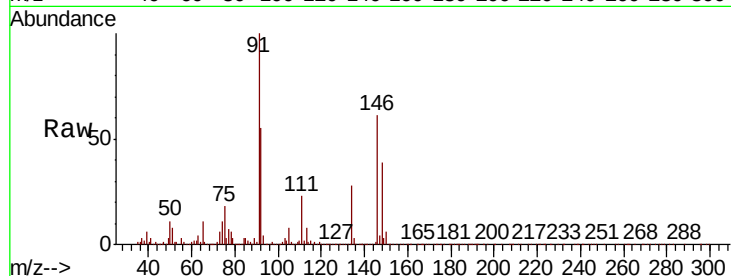




#89
n-Butylbenzene
Concen: 49.389 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

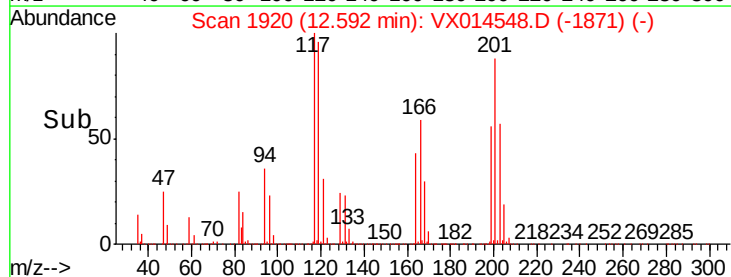
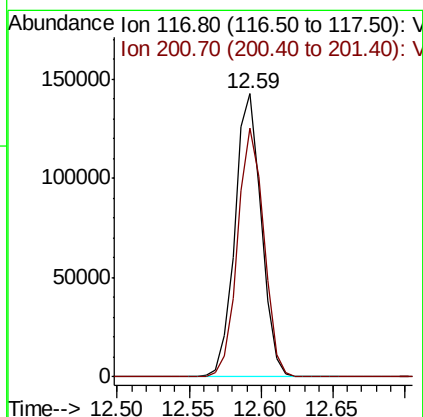
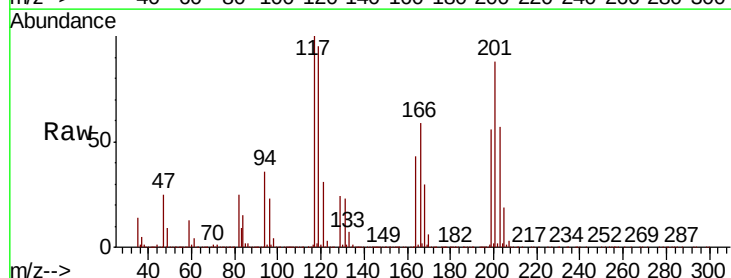
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

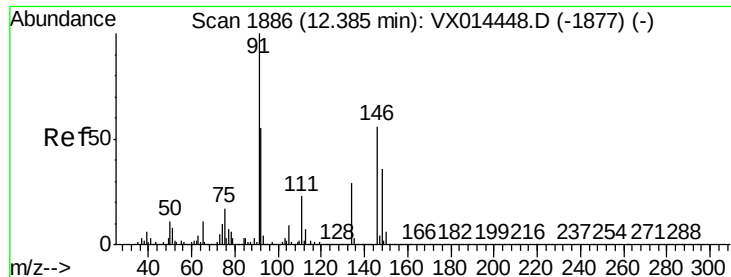
Tot Ion: 91 Resp: 902436
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.0 13.9 41.7



#90
Hexachloroethane
Concen: 51.974 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion: 117 Resp: 182445
Ion Ratio Lower Upper
117 100
201 87.3 44.8 134.3

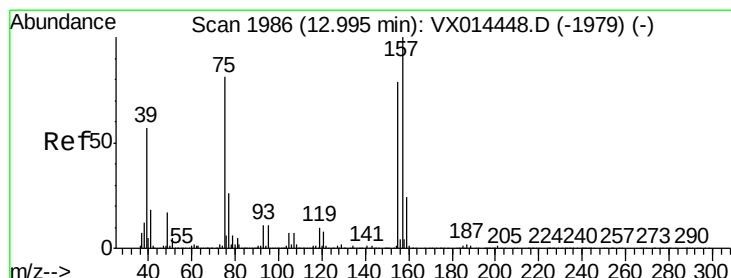
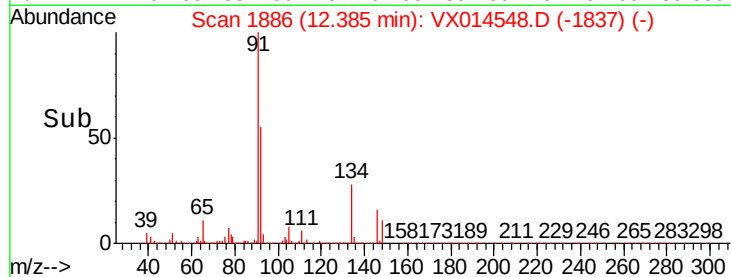
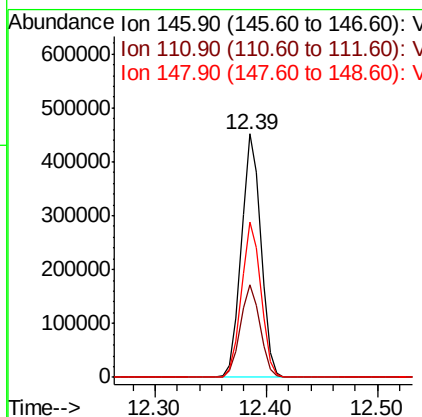
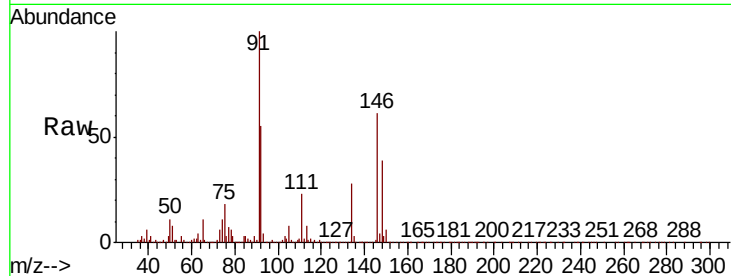




#91
 1,2-Dichlorobenzene
 Concen: 50.991 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014548.D
 Acq: 10 Jan 2020 19:28

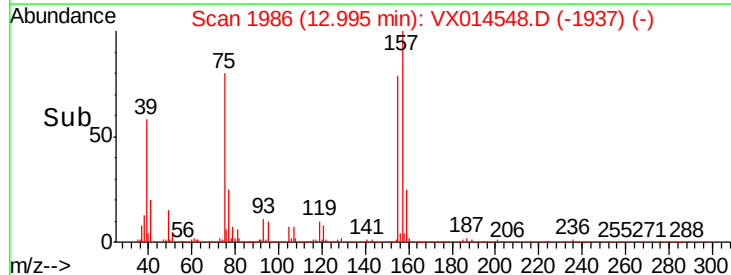
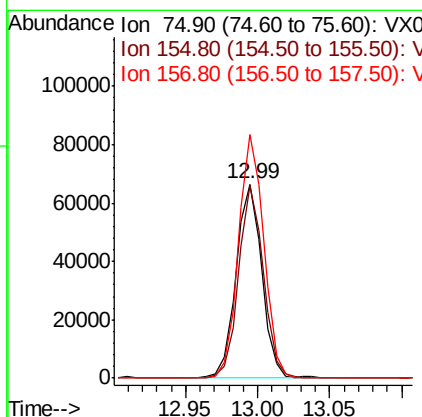
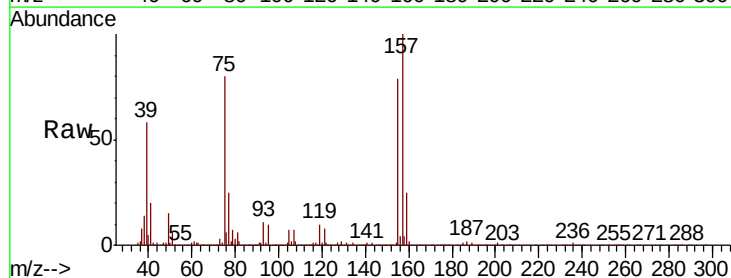
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

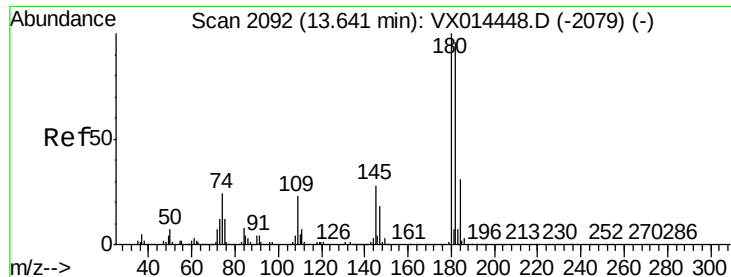
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.8	59.4
148	63.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.584 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014548.D
 Acq: 10 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	48.7	146.1
157	124.1	62.0	185.9

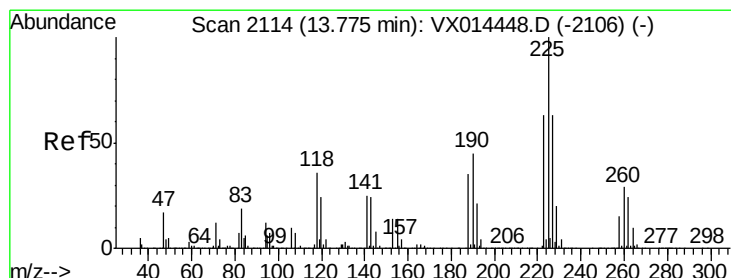
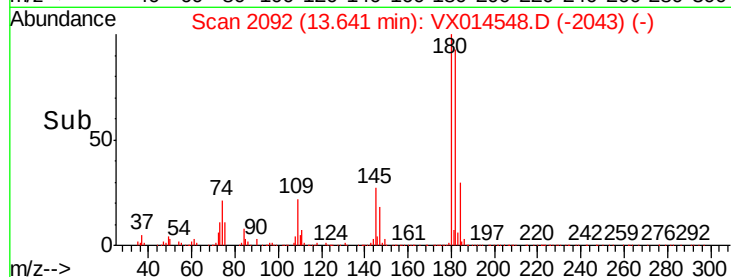
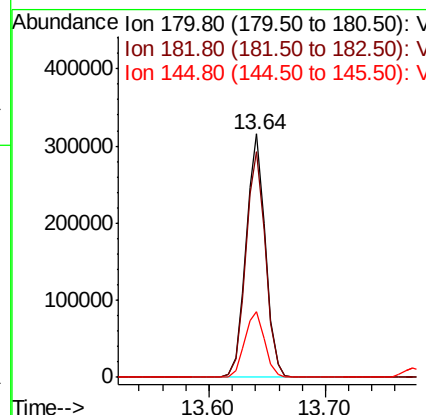
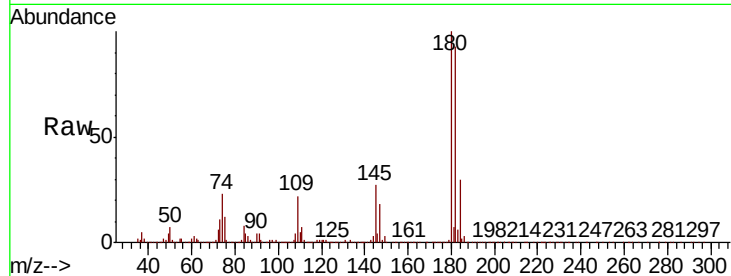




#93
 1,2,4-Trichlorobenzene
 Concen: 48.194 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014548.D
 Acq: 10 Jan 2020 19:28

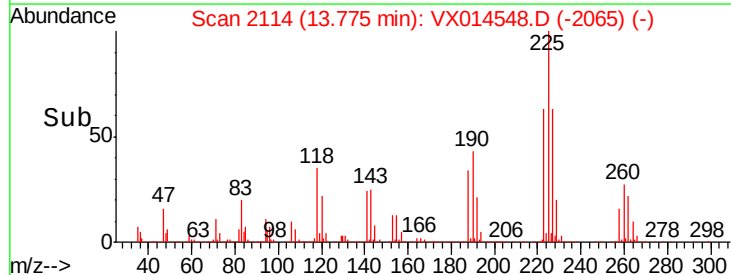
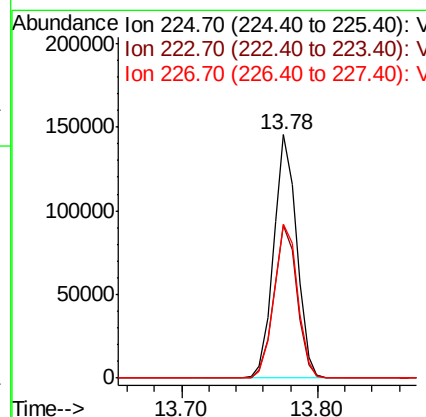
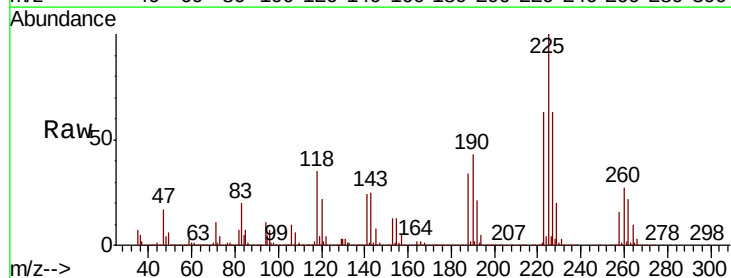
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

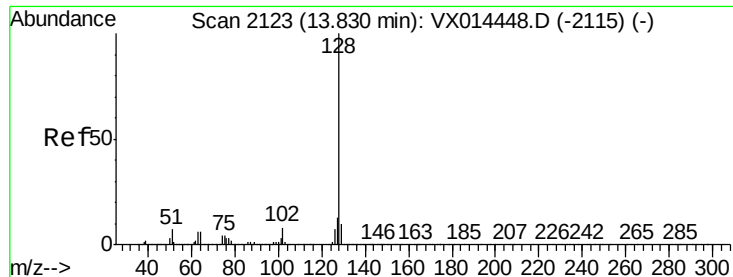
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.5
145	28.2	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 48.685 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014548.D
 Acq: 10 Jan 2020 19:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.2
227	64.8	31.4	94.2

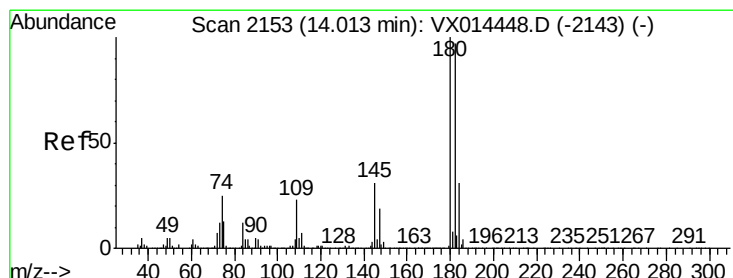
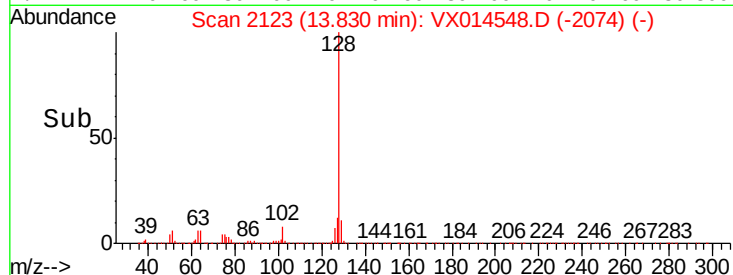
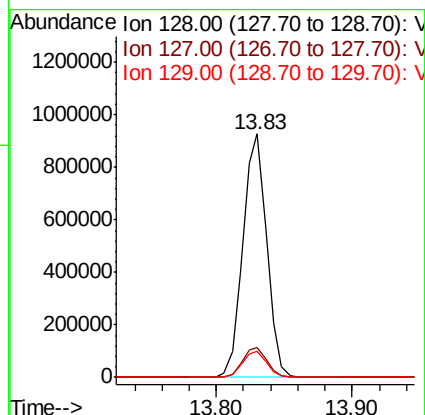
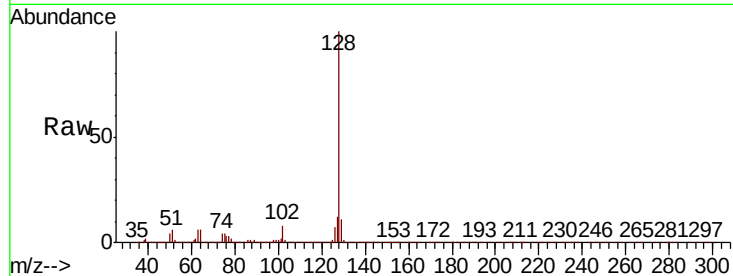




#95
Naphthalene
Concen: 48.017 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1126376
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.263 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014548.D
Acq: 10 Jan 2020 19:28

Tgt Ion:180 Resp: 365418
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 29.7 14.8 44.3

