

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
 Data File : VX014984.D
 Acq On : 21 Feb 2020 09:37
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Feb 21 10:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	78187	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	429504	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	384858	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	164332	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	11.13	95	180361	29.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.00%
63) Toluene-d8	8.71	98	513787	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64183	12.95	ug/l	100
3) Chloromethane	1.32	50	84029	15.07	ug/l	100
4) Vinyl Chloride	1.41	62	89511	14.39	ug/l	100
5) Bromomethane	1.64	94	60549	14.90	ug/l	100
6) Chloroethane	1.73	64	61810	17.12	ug/l	100
7) Trichlorofluoromethane	1.93	101	131944	18.12	ug/l	100
8) Diethyl Ether	2.18	74	55304	17.47	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77026	18.16	ug/l	100
10) 1,1-Dichloroethene	2.37	96	75909	17.76	ug/l	100
11) Methyl Iodide	2.51	142	85456	15.27	ug/l	100
12) Methyl Acetate	2.76	43	94654	13.07	ug/l	100
13) Acrolein	2.28	56	93145	109.52	ug/l	100
14) Acrylonitrile	3.13	53	212075	82.28	ug/l	100
15) Acetone	2.43	58	84238	95.51	ug/l	100
16) Carbon Disulfide	2.57	76	199171	17.06	ug/l	100
17) Allyl chloride	2.72	41	130514	16.69	ug/l	100
18) Methylene Chloride	2.85	84	89869	18.02	ug/l	100
19) trans-1,2-Dichloroethene	3.16	96	83914	18.17	ug/l	100
20) Diisopropyl ether	3.84	45	277910	17.82	ug/l	100
21) 1,1-Dichloroethane	3.69	63	148477	17.56	ug/l	100
22) cis-1,2-Dichloroethene	4.59	96	97977	18.39	ug/l	100
23) tert-Butyl Alcohol	3.02	59	83515	78.23	ug/l	100
24) Methyl tert-Butyl Ether	3.18	73	253534	17.85	ug/l	100
25) Chloroform	5.20	83	151970	18.35	ug/l	100
26) Cyclohexane	5.58	56	133373	17.15	ug/l	100
29) 1,1-Dichloropropene	5.79	75	111826	18.00	ug/l	100
30) 2-Butanone	4.65	43	339762	87.65	ug/l	100
31) 2,2-Dichloropropane	4.58	77	122820	18.35	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126458	18.28	ug/l	100
33) Carbon Tetrachloride	5.78	117	110831	18.57	ug/l	100
34) Benzene	6.14	78	342141	17.92	ug/l	100
35) Methacrylonitrile	5.03	41	64194	16.66	ug/l	100
36) 1,2-Dichloroethane	6.18	62	121071	18.15	ug/l	100
37) Trichloroethene	7.21	130	93509	17.87	ug/l	100
38) Methylcyclohexane	7.46	83	137037	17.77	ug/l	100
39) 1,2-Dichloropropane	7.51	63	86962	17.55	ug/l	100
40) Dibromomethane	7.65	93	59452	18.42	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	113960	18.04	ug/l	100
42) Vinyl Acetate	3.80	43	1149067	93.90	ug/l	100
43) Ethyl Acetate	4.82	43	118547	16.97	ug/l	100
44) Isopropyl Acetate	6.43	43	194847	17.13	ug/l	100
45) 1,4-Dioxane	7.73	88	36857	329.91	ug/l	100
46) Methyl methacrylate	7.76	41	94791	16.97	ug/l	100
47) n-amyl Acetate	10.89	43	163014	16.92	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	123528	17.92	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	138519	17.87	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	89349	18.32	ug/l	100
51) Ethyl methacrylate	9.17	69	129552	17.06	ug/l	100
52) 1,3-Dichloropropane	9.37	76	148923	18.02	ug/l	100
53) Dibromochloromethane	9.57	129	92641	18.33	ug/l	100
54) 1,2-Dibromoethane	9.67	107	91882	18.17	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	361160	100.48	ug/l	100
56) Bromoform	10.85	173	71328	18.32	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	593085	84.69	ug/l	100
59) 2-Hexanone	9.48	43	472832	86.93	ug/l	100
61) Tetrachloroethene	9.33	164	99266	17.84	ug/l	100
62) Toluene	8.78	91	372520	18.48	ug/l	100
64) Chlorobenzene	10.14	112	235273	18.64	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	87342	18.72	ug/l	100
66) Ethyl Benzene	10.25	91	406995	18.47	ug/l	100
67) m/p-Xylenes	10.35	106	312632	37.06	ug/l	100
68) o-Xylene	10.70	106	150327	18.31	ug/l	100
69) Styrene	10.71	104	253286	18.19	ug/l	100
70) Isopropylbenzene	11.01	105	403830	18.69	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	129821	18.04	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	147165	23.37	ug/l	90
73) Bromobenzene	11.25	156	108837	18.94	ug/l	100
74) n-propylbenzene	11.35	91	457699	18.52	ug/l	100
75) 2-Chlorotoluene	11.42	91	274042	18.53	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	337365	18.72	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	39856	16.74	ug/l	100
78) 4-Chlorotoluene	11.51	91	311161	18.51	ug/l	100
79) tert-butylbenzene	11.76	119	321121	18.94	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	335402	18.71	ug/l	100
81) sec-Butylbenzene	11.94	105	388571	18.57	ug/l	100
82) p-Isopropyltoluene	12.06	119	360442	18.85	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	186124	18.58	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	189366	18.90	ug/l	100
85) n-Butylbenzene	12.38	91	300881	17.98	ug/l	100
86) Hexachloroethane	12.59	117	60621	17.75	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	187076	18.54	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27268	17.69	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	129693	19.16	ug/l	100
90) Hexachlorobutadiene	13.77	225	64770	19.19	ug/l	100
91) Naphthalene	13.83	128	379938	18.79	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	130723	19.04	ug/l	100

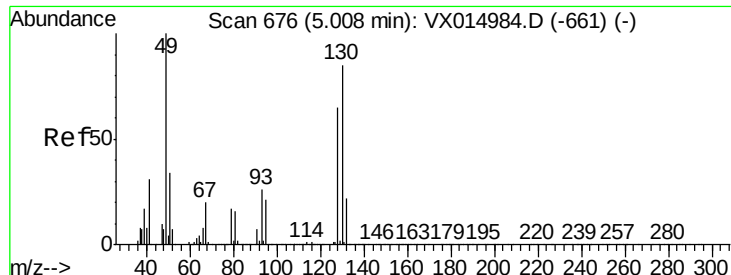
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
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ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

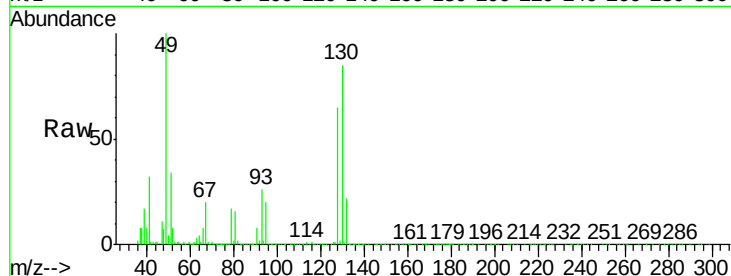
Tgt Ion:128 Resp: 78187

Ion Ratio Lower Upper

128 100

49 153.9 0.0 384.7

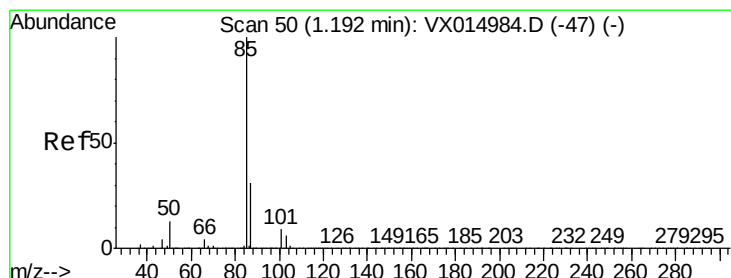
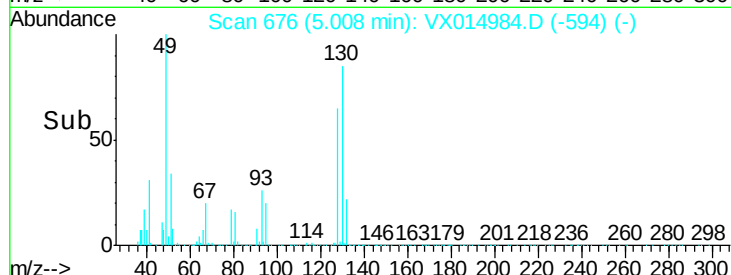
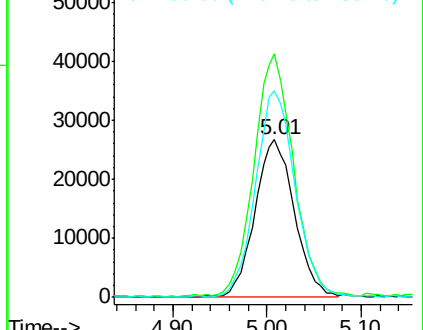
130 132.3 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 12.95 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014984.D

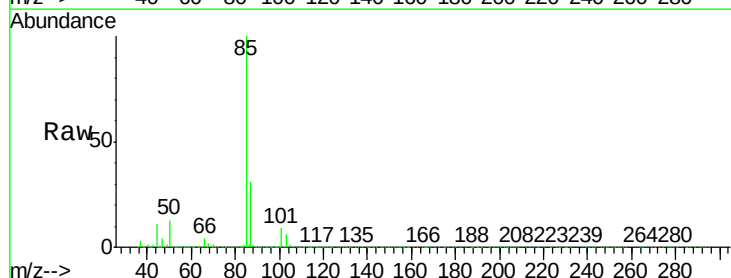
Acq: 21 Feb 2020 09:37

Tgt Ion: 85 Resp: 64183

Ion Ratio Lower Upper

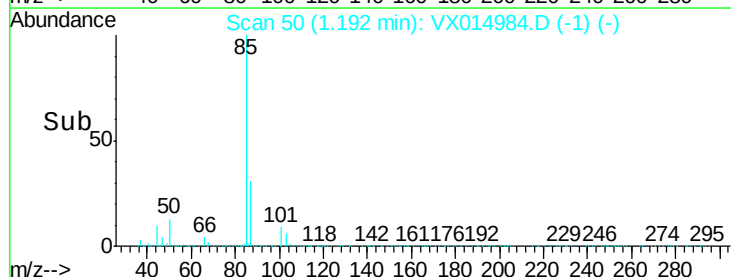
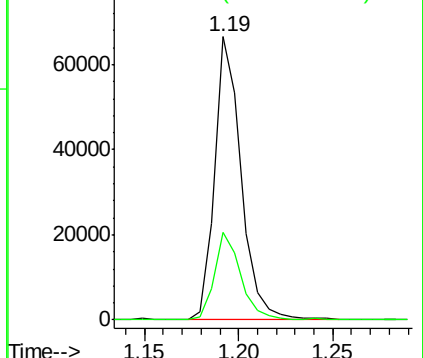
85 100

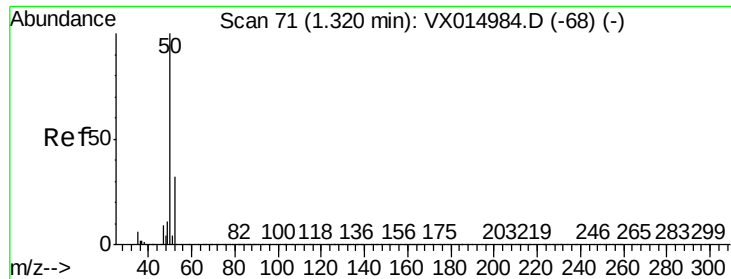
87 30.6 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

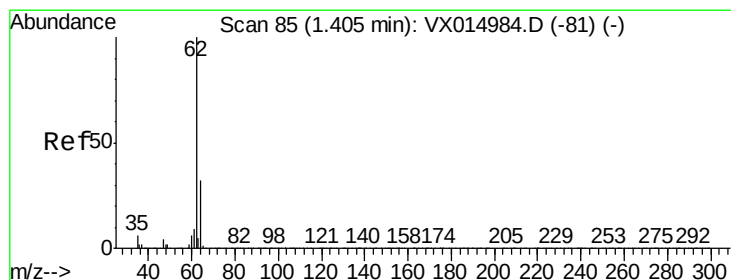
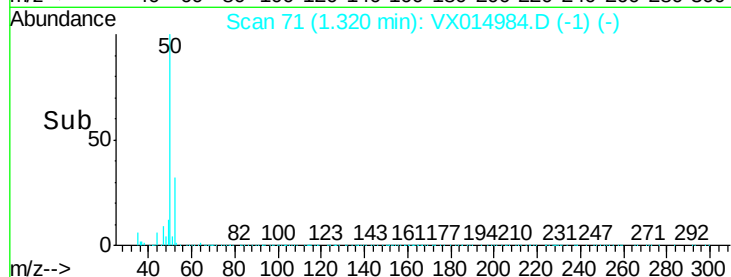
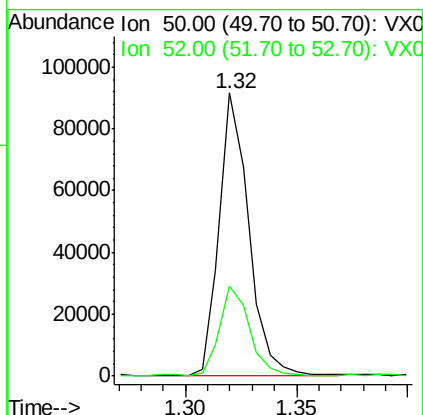
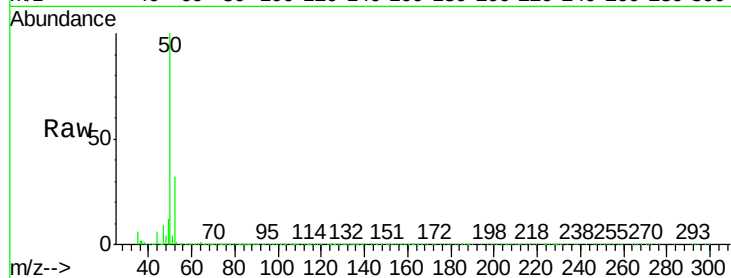




#3
Chloromethane
Concen: 15.07 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

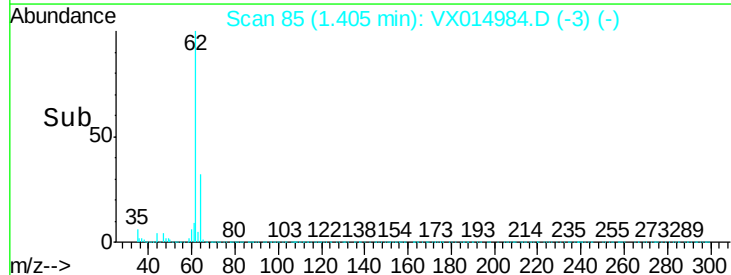
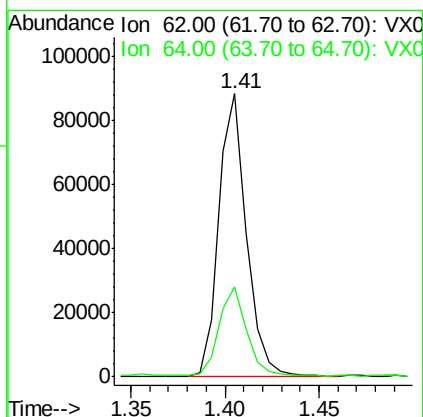
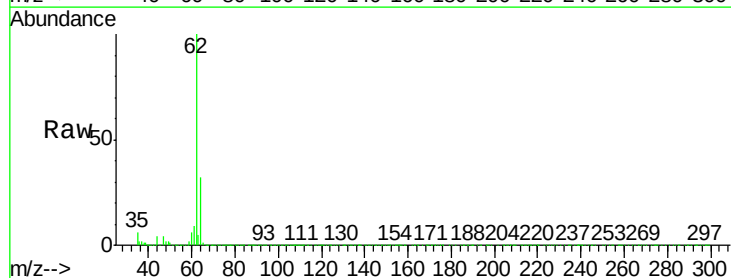
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

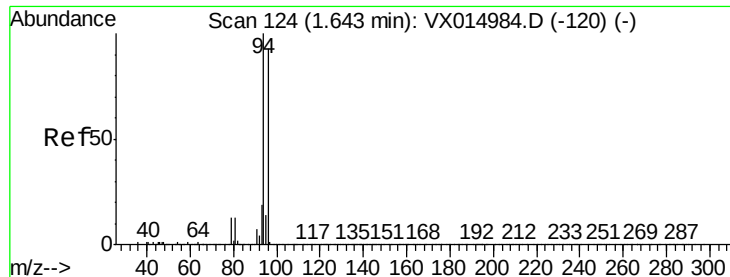
Tgt Ion: 50 Resp: 84029
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0



#4
Vinyl Chloride
Concen: 14.39 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion: 62 Resp: 89511
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 14.90 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

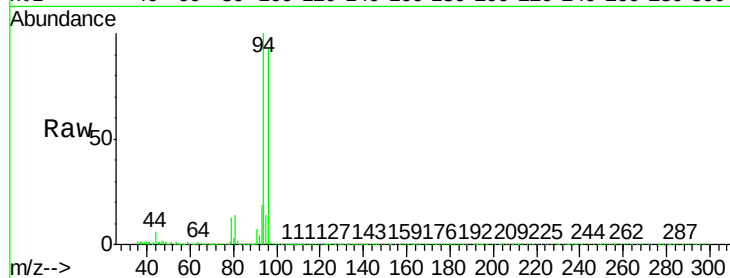
VSTDICCC020

Tgt Ion: 94 Resp: 60549

Ion Ratio Lower Upper

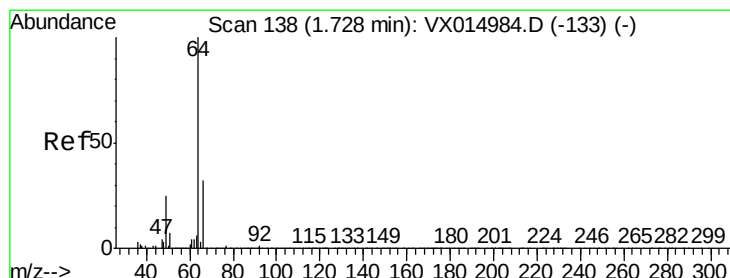
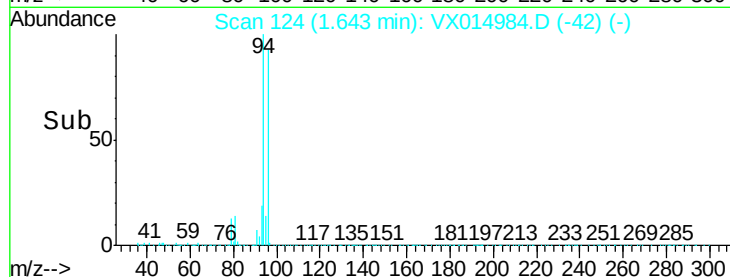
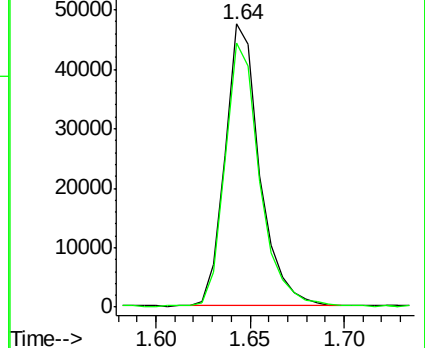
94 100

96 93.3 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.12 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.00 min

Lab File: VX014984.D

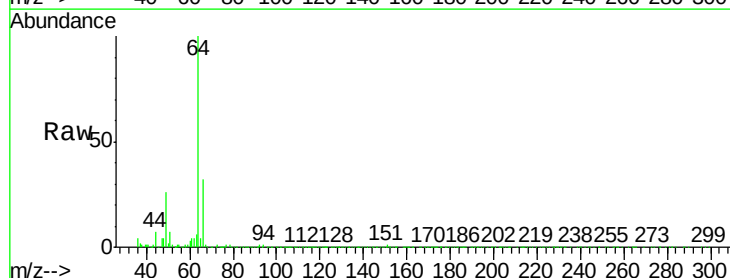
Acq: 21 Feb 2020 09:37

Tgt Ion: 64 Resp: 61810

Ion Ratio Lower Upper

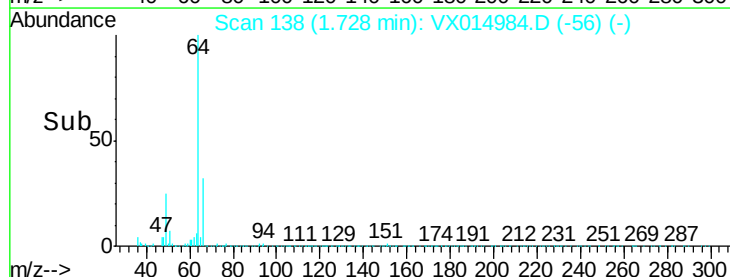
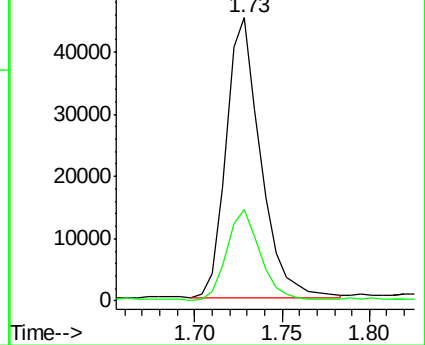
64 100

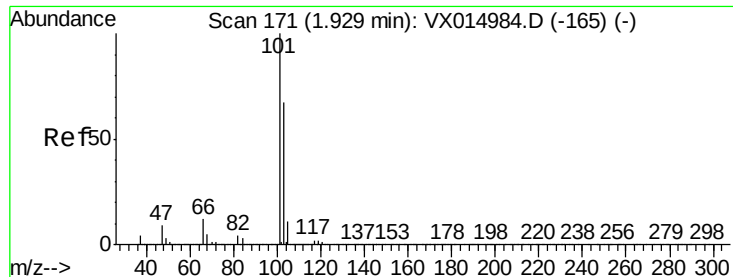
66 32.2 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



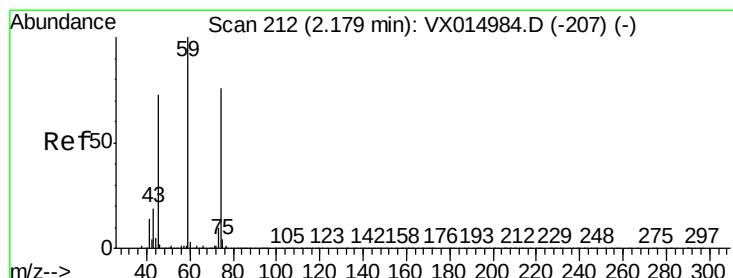
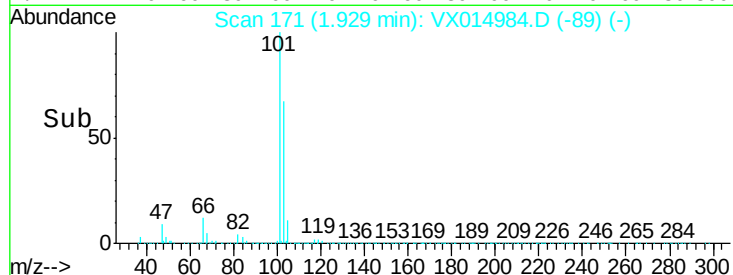
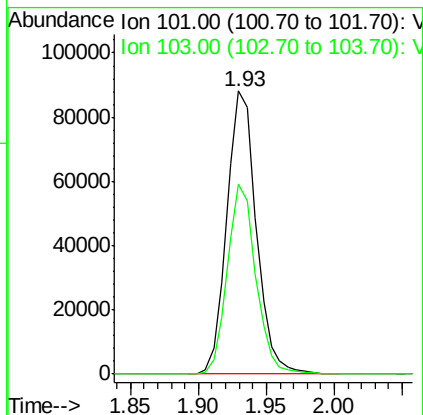
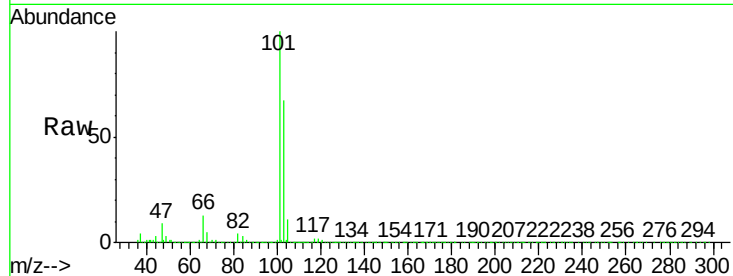


#7

Trichlorofluoromethane
Concen: 18.12 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

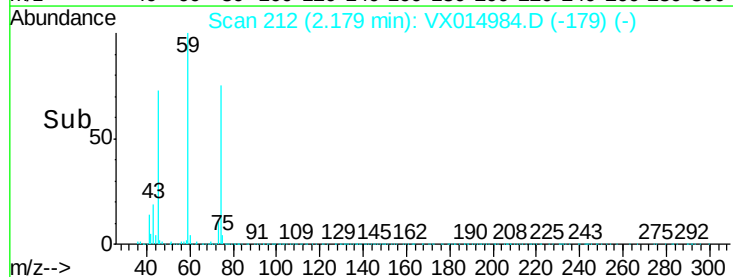
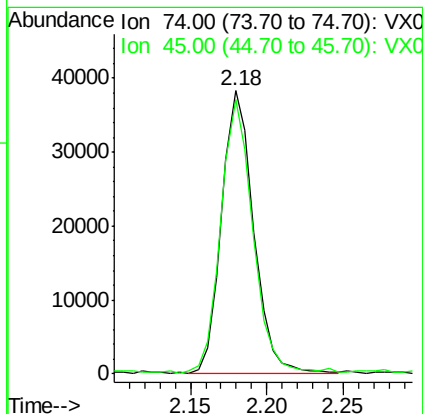
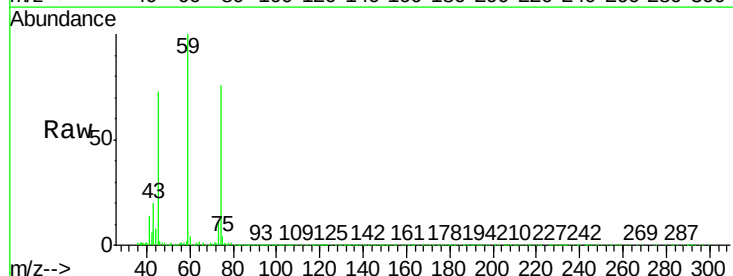
Tgt Ion: 101 Resp: 131944
Ion Ratio Lower Upper
101 100
103 66.8 53.4 80.2

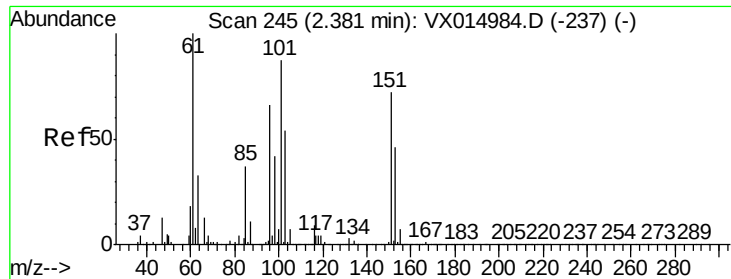


#8

Diethyl Ether
Concen: 17.47 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion: 74 Resp: 55304
Ion Ratio Lower Upper
74 100
45 98.4 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.16 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

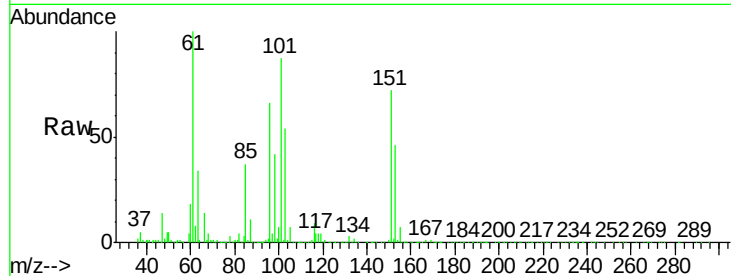
Tgt Ion:101 Resp: 77026

Ion Ratio Lower Upper

101 100

85 43.3 0.0 86.6

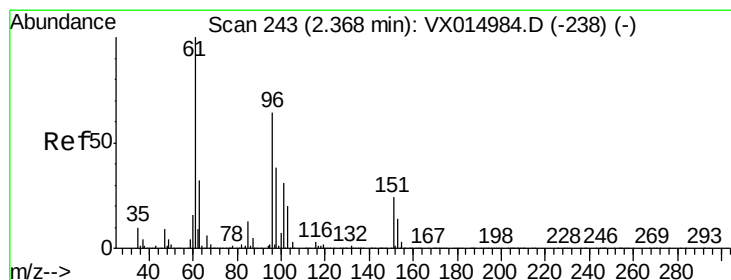
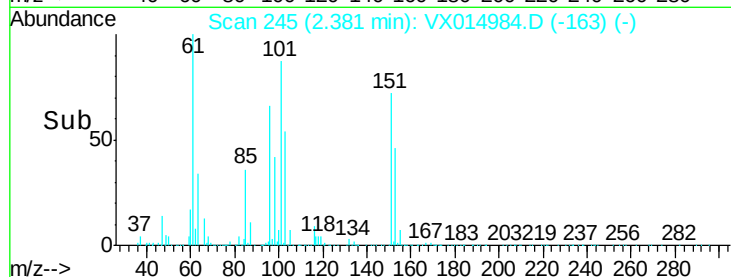
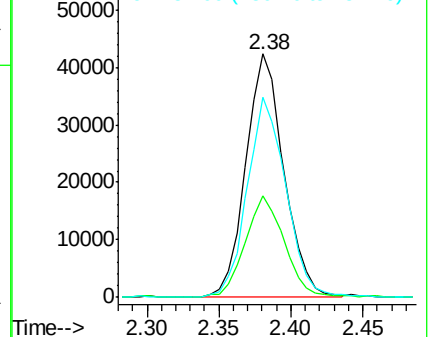
151 83.8 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.76 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

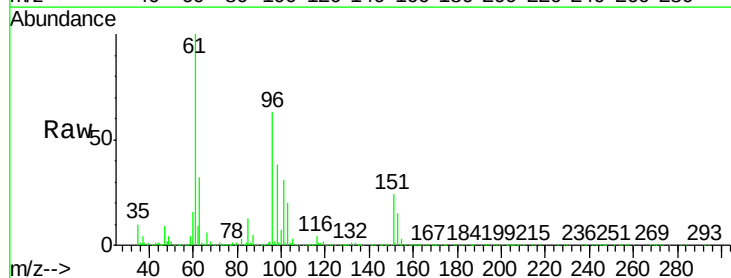
Tgt Ion: 96 Resp: 75909

Ion Ratio Lower Upper

96 100

61 157.6 126.1 189.1

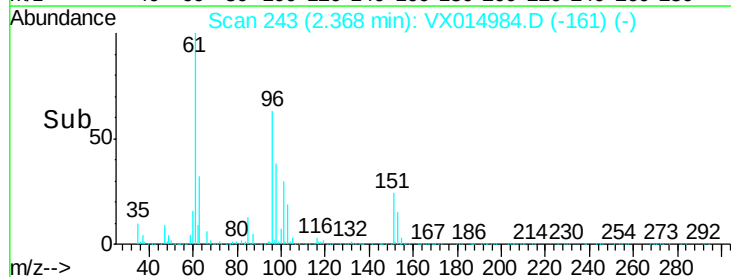
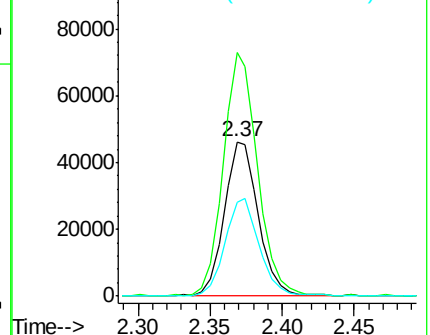
98 60.2 48.2 72.2

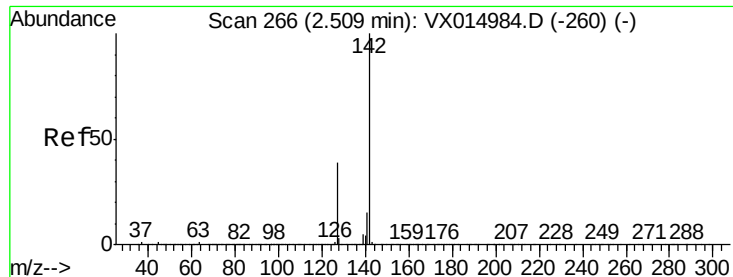


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

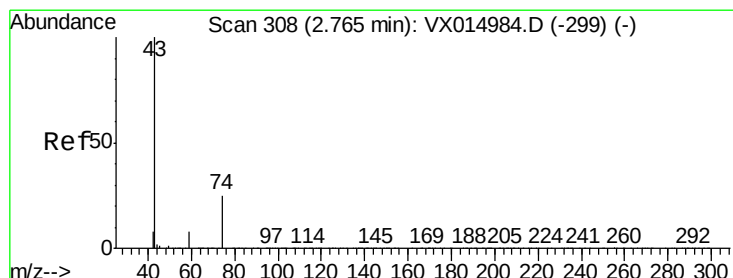
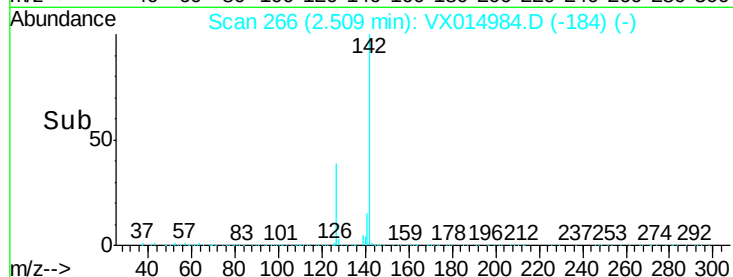
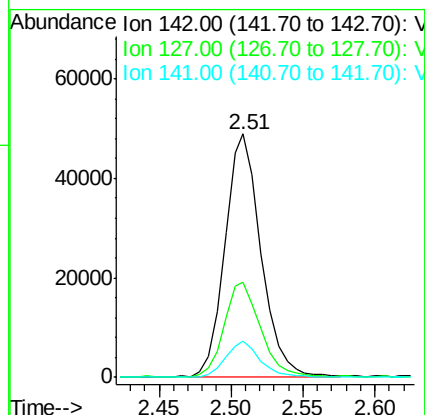
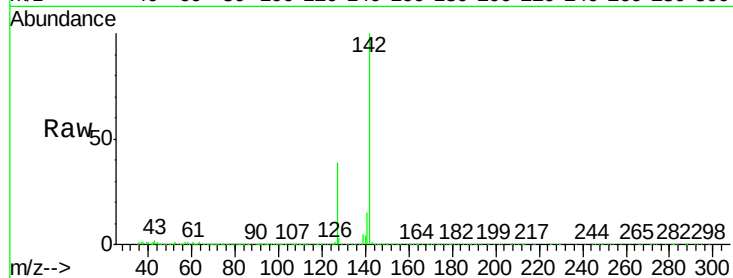




#11
Methyl Iodide
Concen: 15.27 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

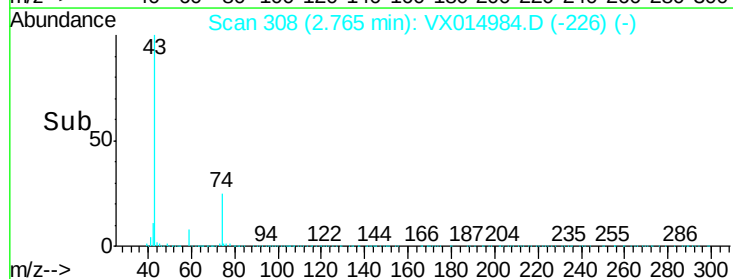
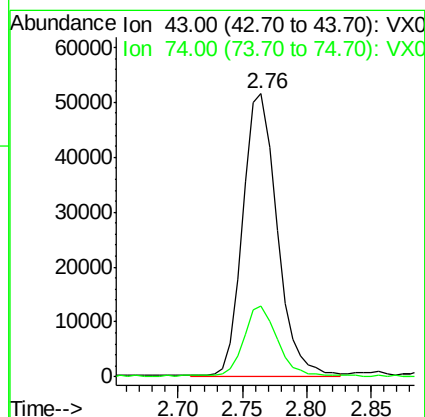
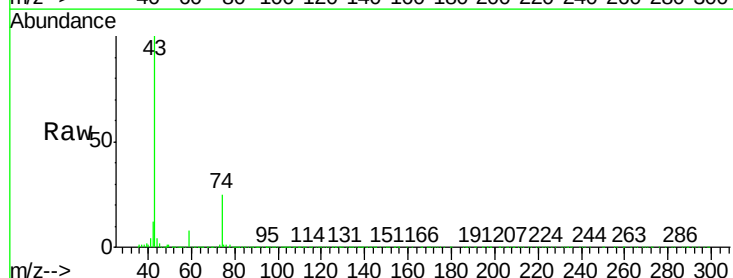
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

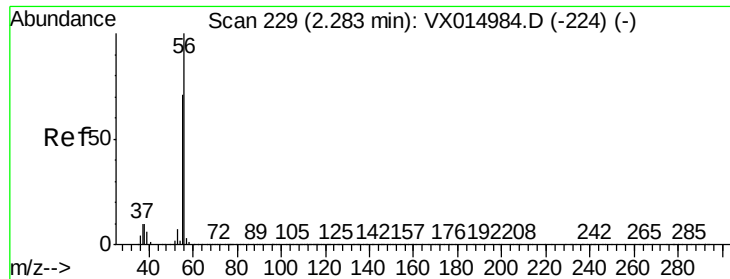
Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.3	19.7	59.0
141	14.8	7.4	22.2



#12
Methyl Acetate
Concen: 13.07 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.8	29.8





#13

Acrolein

Concen: 109.52 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

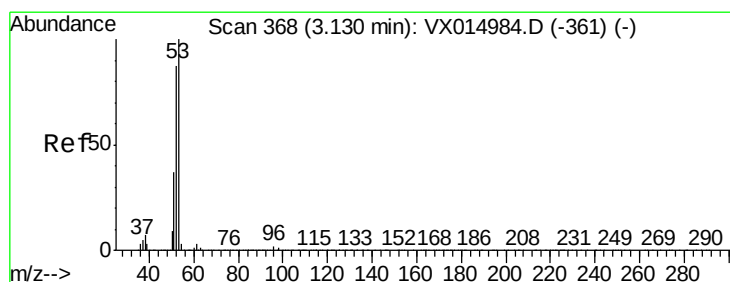
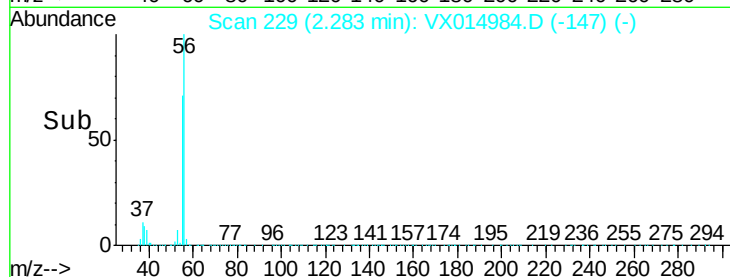
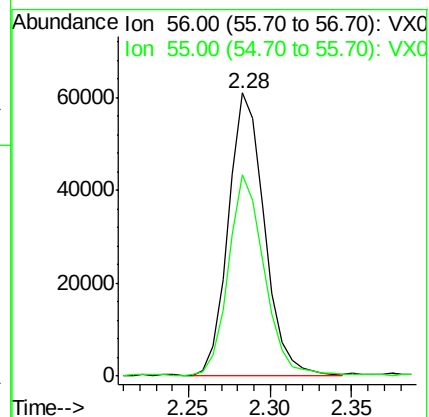
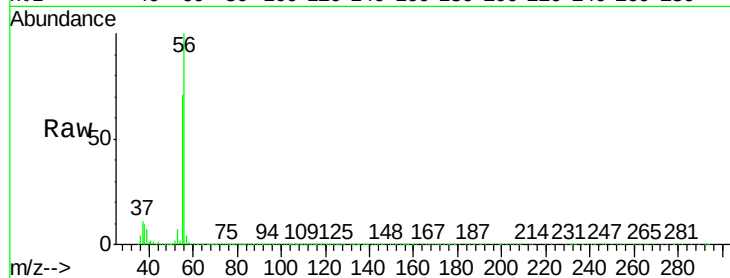
VSTDICCC020

Tgt Ion: 56 Resp: 93145

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2



#14

Acrylonitrile

Concen: 82.28 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

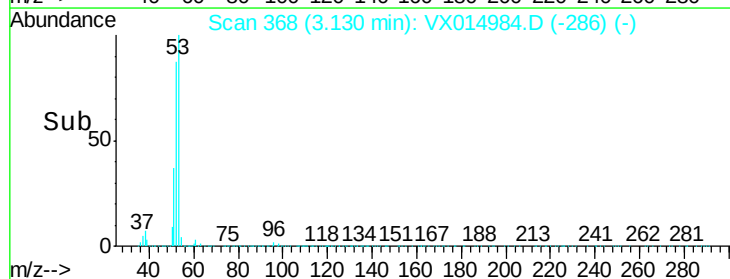
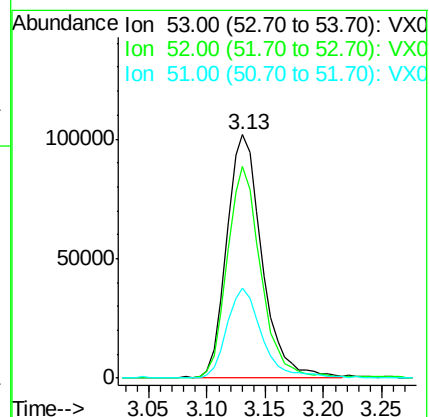
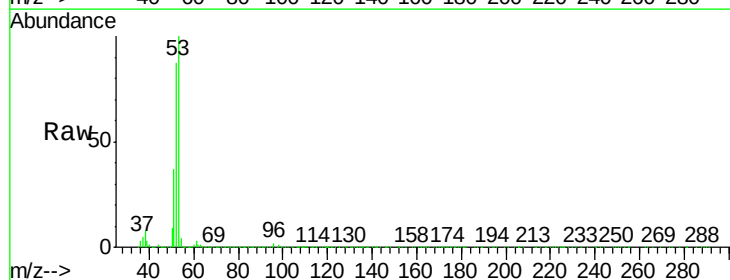
Tgt Ion: 53 Resp: 212075

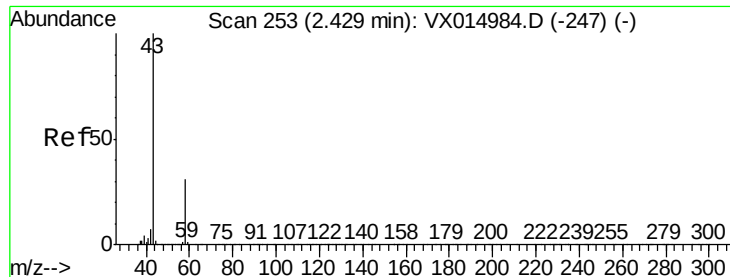
Ion Ratio Lower Upper

53 100

52 83.1 41.5 124.6

51 36.3 18.1 54.4





#15

Acetone

Concen: 95.51 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

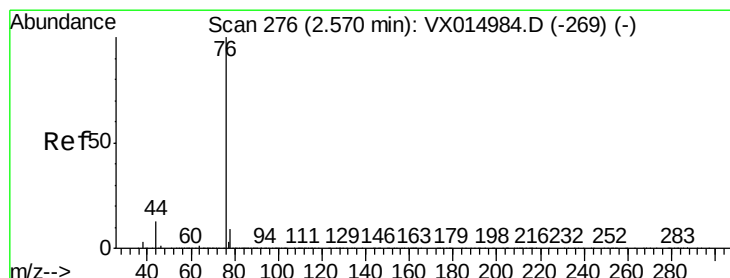
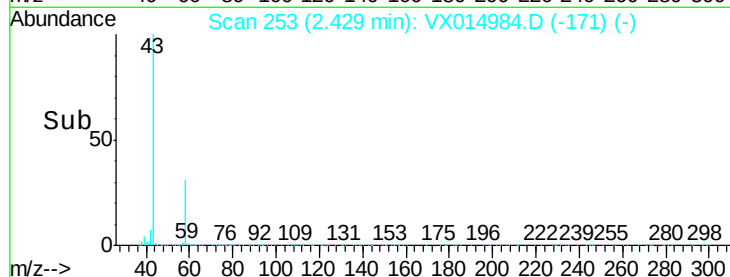
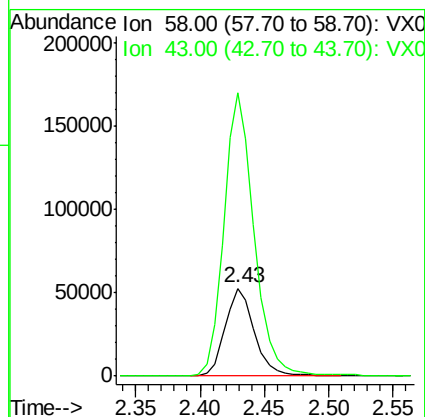
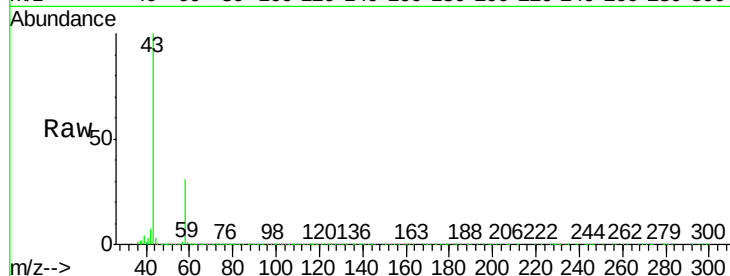
VSTDICCC020

Tgt Ion: 58 Resp: 84238

Ion Ratio Lower Upper

58 100

43 322.1 257.7 386.5



#16

Carbon Disulfide

Concen: 17.06 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.00 min

Lab File: VX014984.D

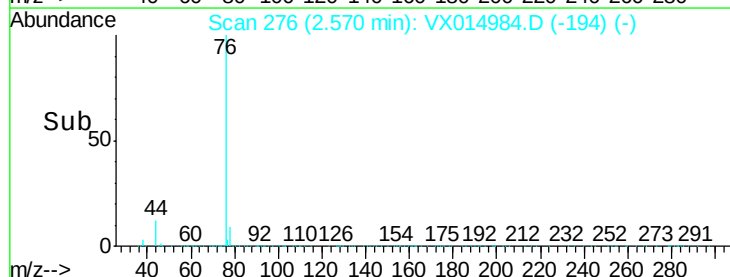
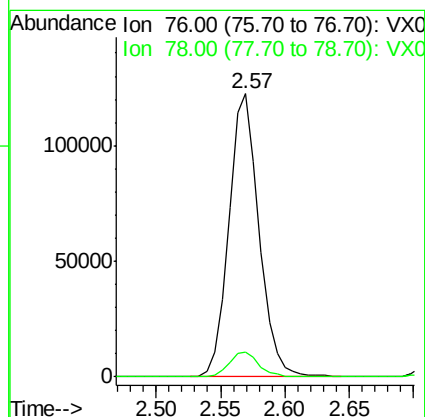
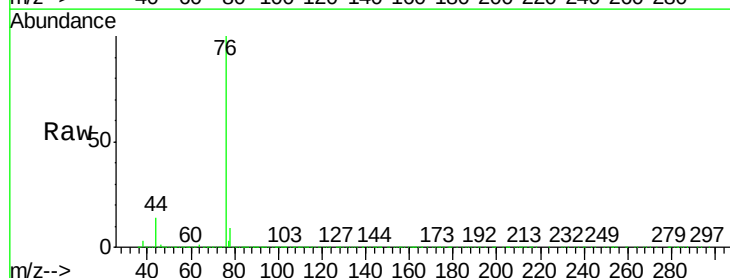
Acq: 21 Feb 2020 09:37

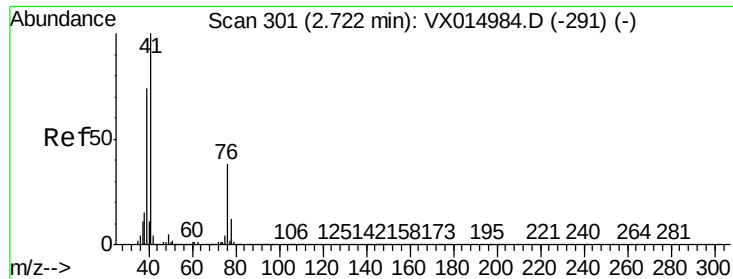
Tgt Ion: 76 Resp: 199171

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

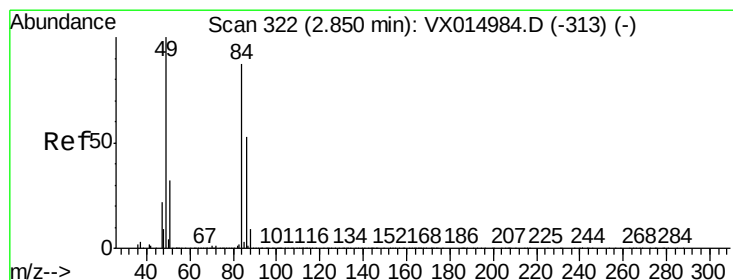
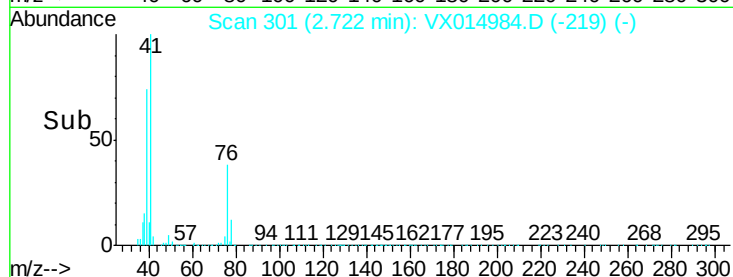
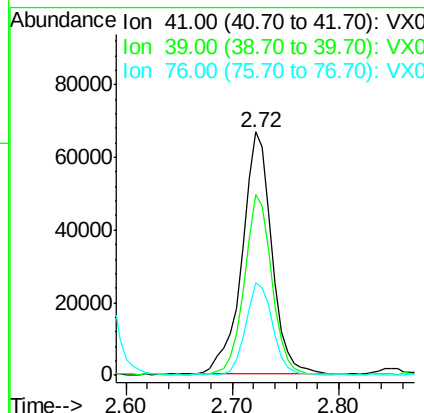
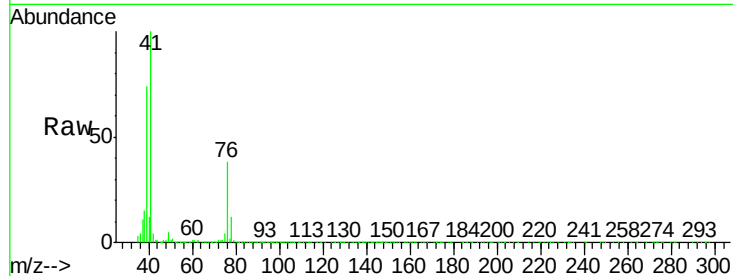




#17
 Allyl chloride
 Concen: 16.69 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

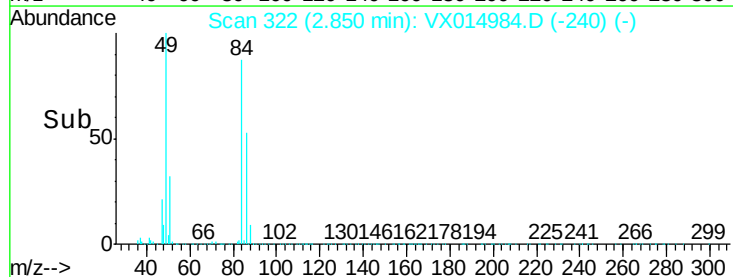
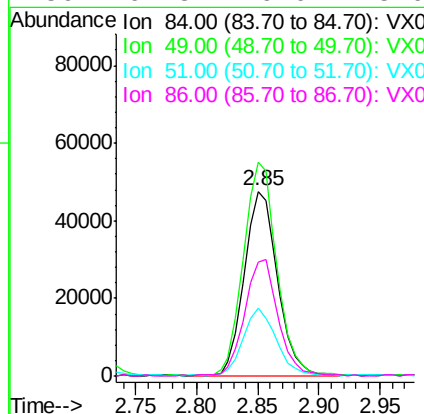
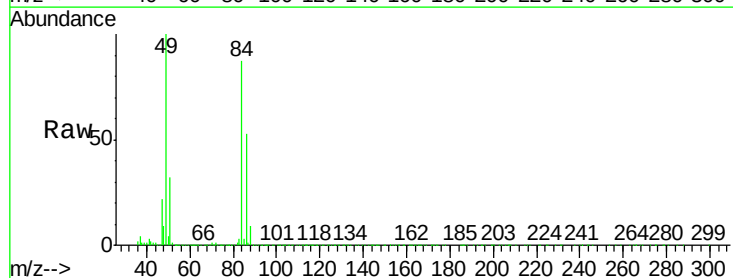
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

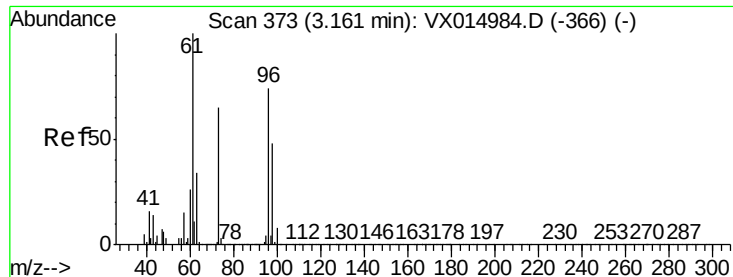
Tgt Ion: 41 Resp: 130514
 Ion Ratio Lower Upper
 41 100
 39 74.3 37.1 111.5
 76 37.6 18.8 56.4



#18
 Methylene Chloride
 Concen: 18.02 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 84 Resp: 89869
 Ion Ratio Lower Upper
 84 100
 49 115.2 92.2 138.2
 51 37.1 29.7 44.5
 86 61.3 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 18.17 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

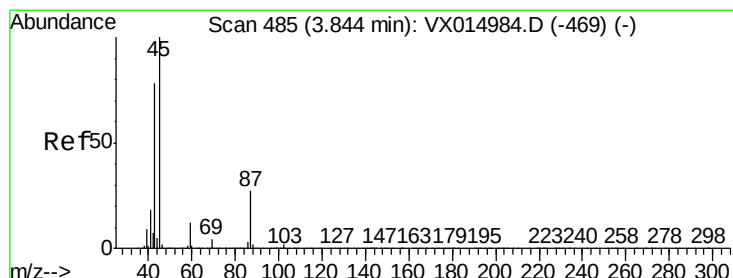
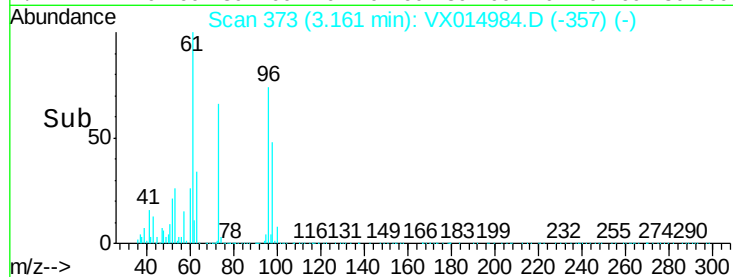
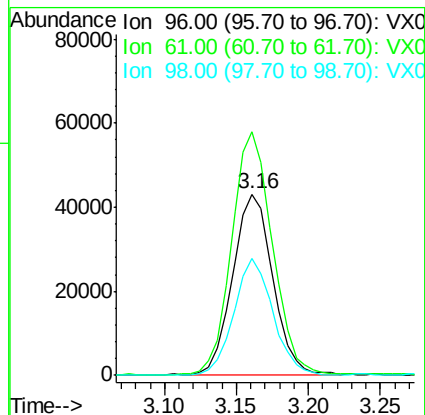
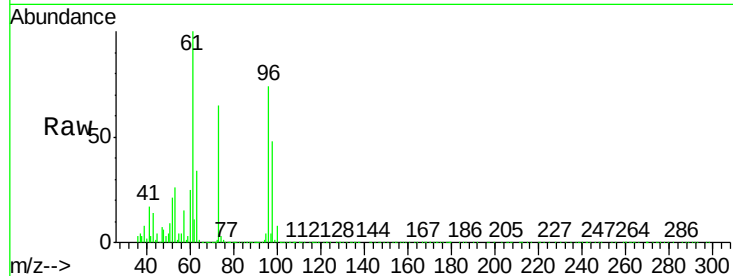
Tgt Ion: 96 Resp: 83914

Ion Ratio Lower Upper

96 100

61 133.9 107.1 160.7

98 64.3 51.4 77.2



#20

Diisopropyl ether

Concen: 17.82 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion: 45 Resp: 277910

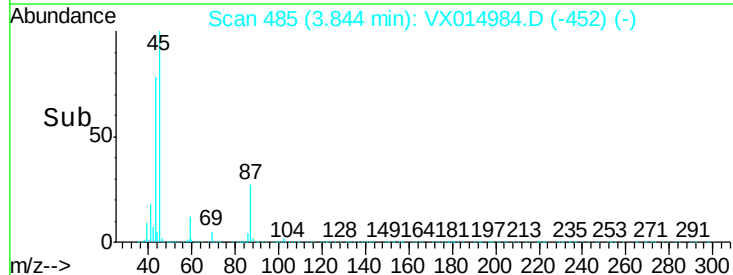
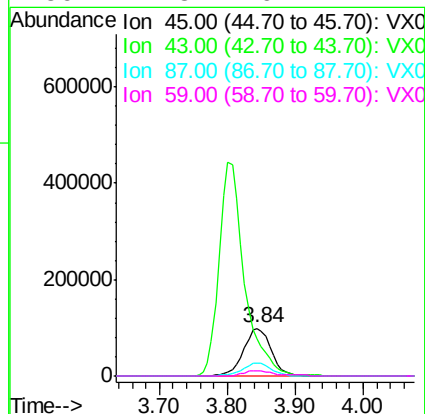
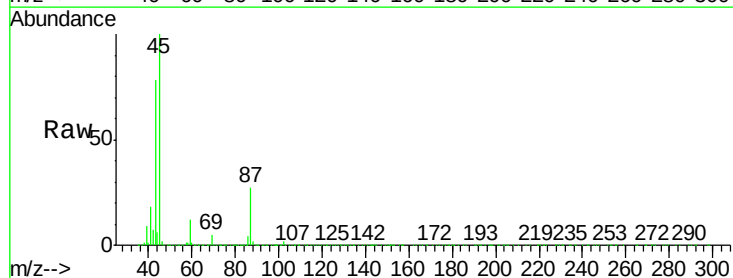
Ion Ratio Lower Upper

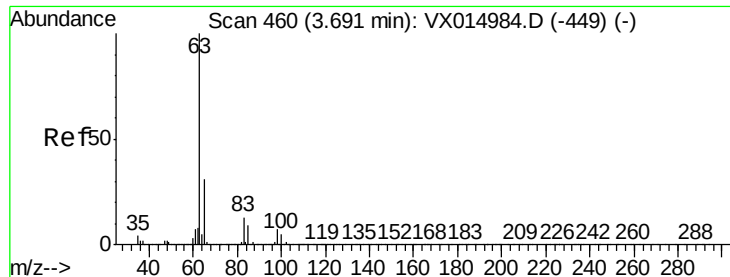
45 100

43 77.9 62.3 93.5

87 27.2 21.8 32.6

59 11.8 9.4 14.2





#21

1,1-Dichloroethane

Concen: 17.56 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

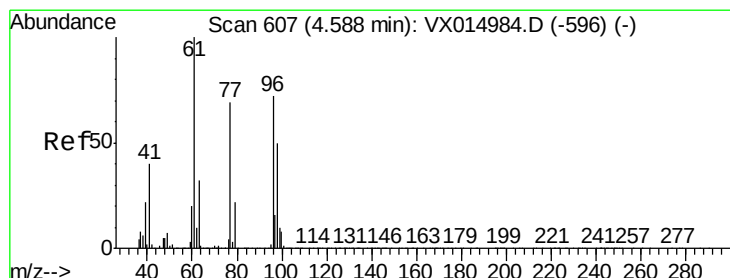
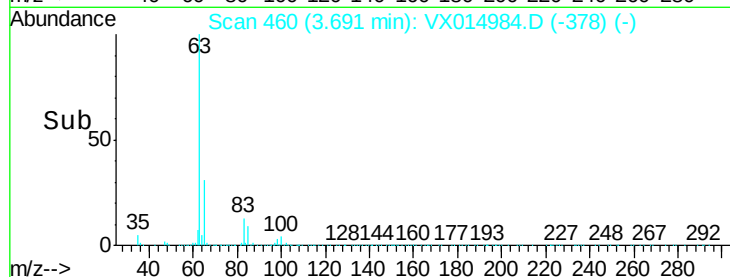
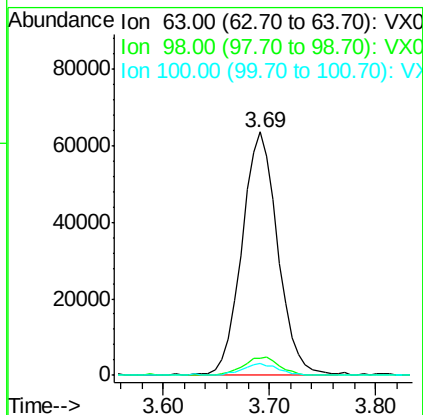
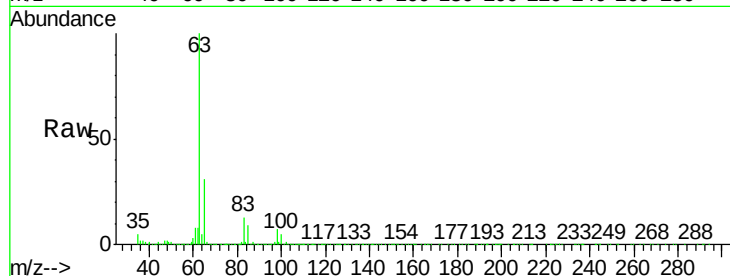
Tgt Ion: 63 Resp: 148477

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 5.0 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 18.39 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

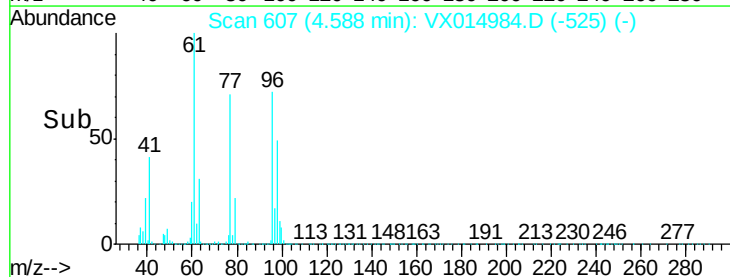
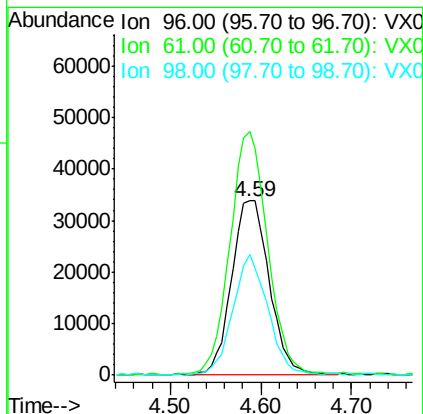
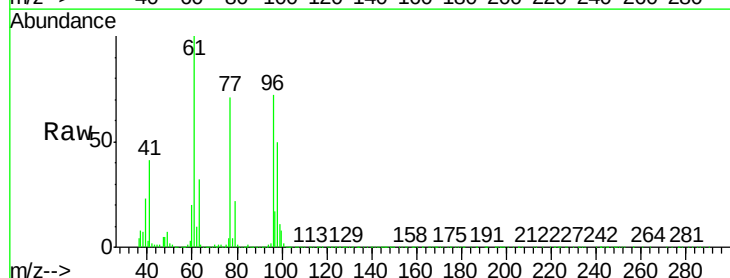
Tgt Ion: 96 Resp: 97977

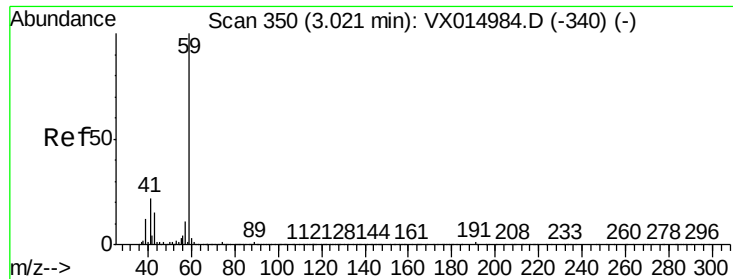
Ion Ratio Lower Upper

96 100

61 138.2 110.6 165.8

98 63.0 50.4 75.6





#23

tert-Butyl Alcohol

Concen: 78.23 ug/l

RT: 3.02 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

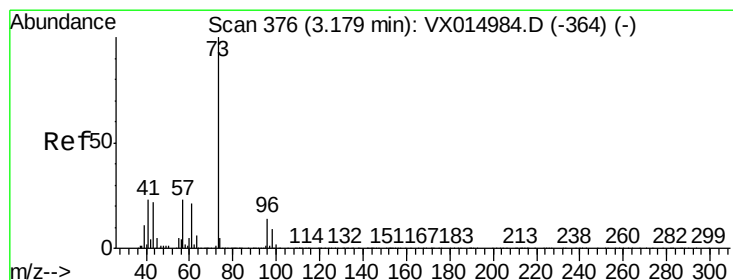
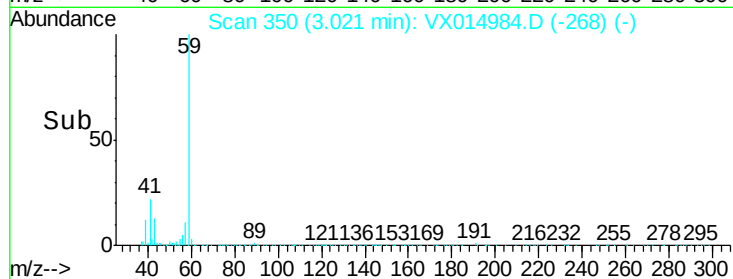
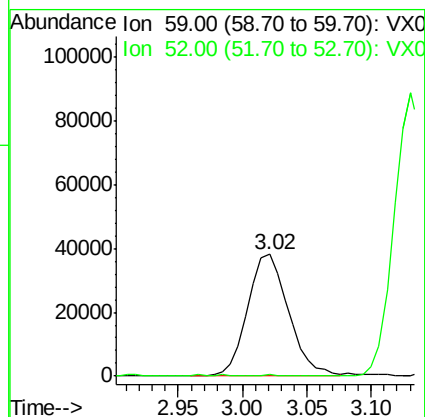
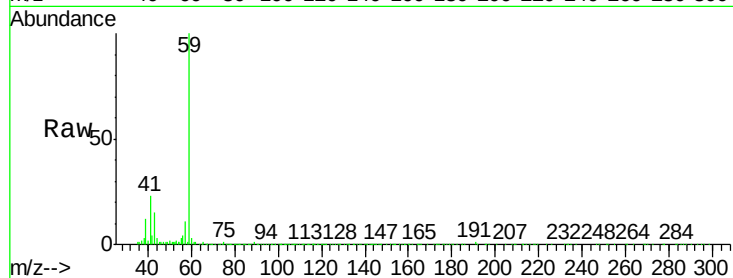
VSTDICCC020

Tgt Ion: 59 Resp: 83515

Ion Ratio Lower Upper

59 100

52 0.5 0.4 0.6



#24

Methyl tert-Butyl Ether

Concen: 17.85 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX014984.D

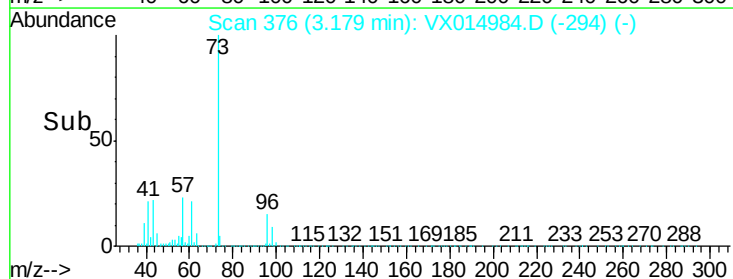
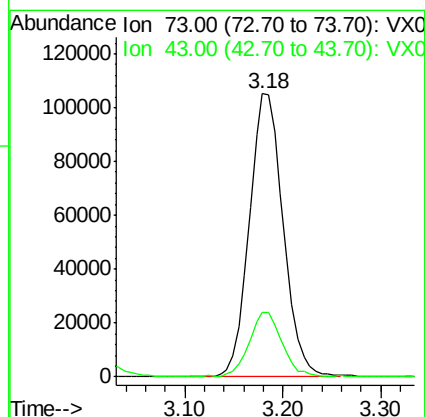
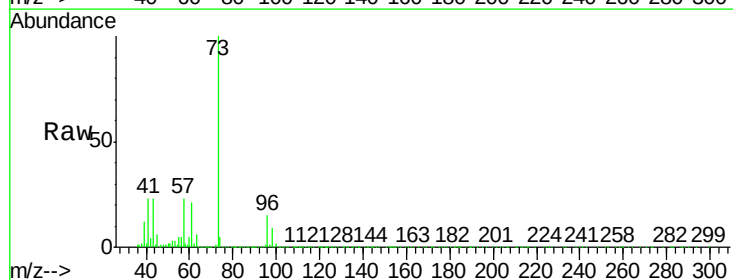
Acq: 21 Feb 2020 09:37

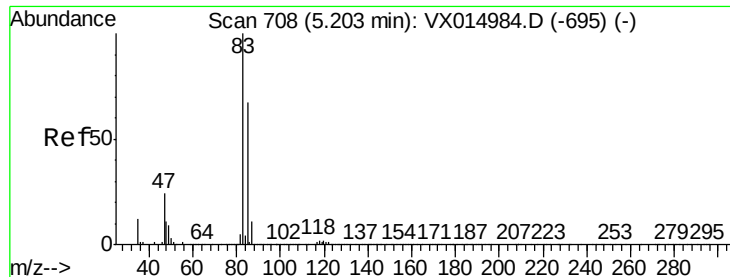
Tgt Ion: 73 Resp: 253534

Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

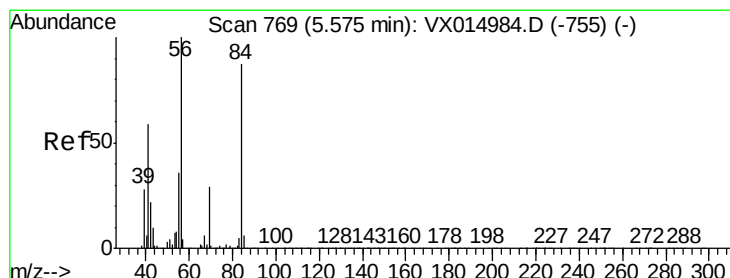
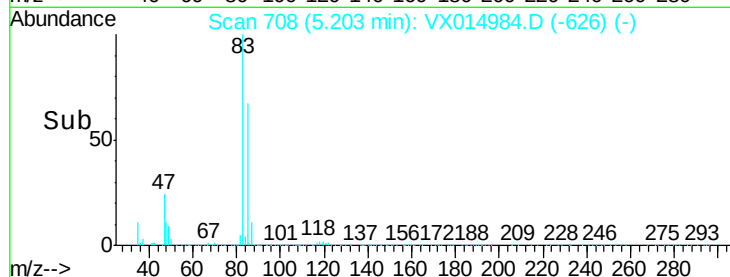
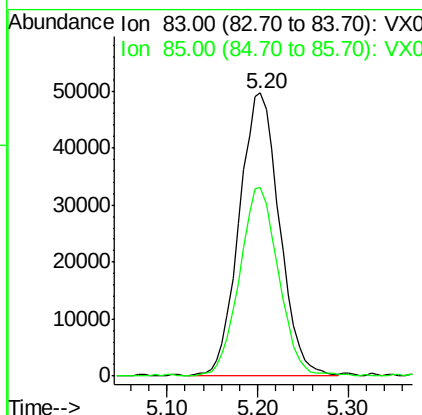
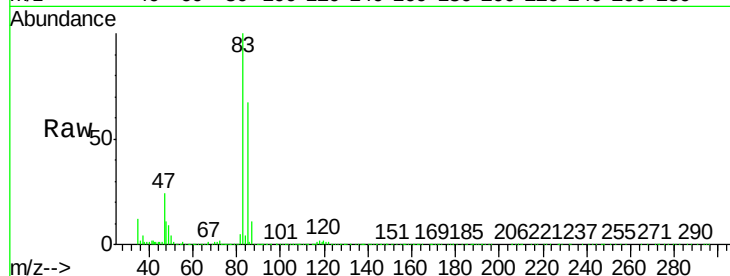




#25
Chloroform
Concen: 18.35 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

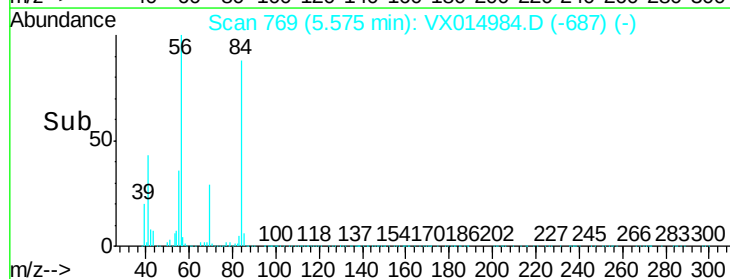
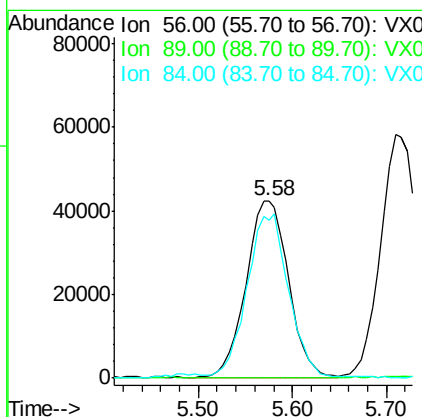
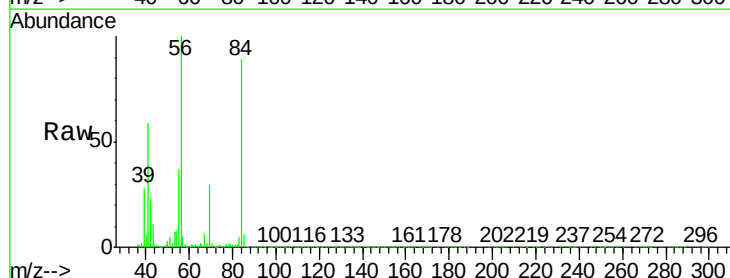
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

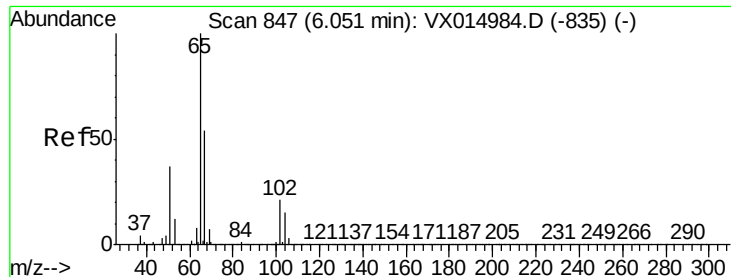
Tgt Ion: 83 Resp: 151970
Ion Ratio Lower Upper
83 100
85 66.7 53.4 80.0



#26
Cyclohexane
Concen: 17.15 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion: 56 Resp: 133373
Ion Ratio Lower Upper
56 100
89 0.2 0.2 0.2
84 89.8 71.8 107.8

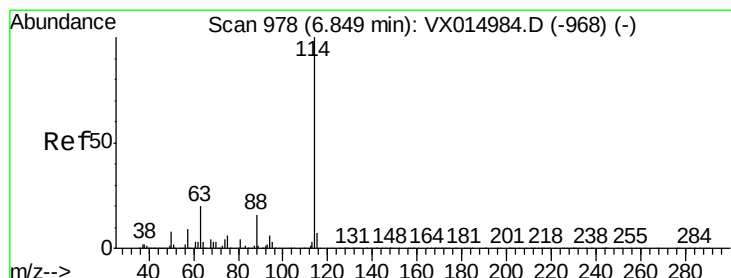
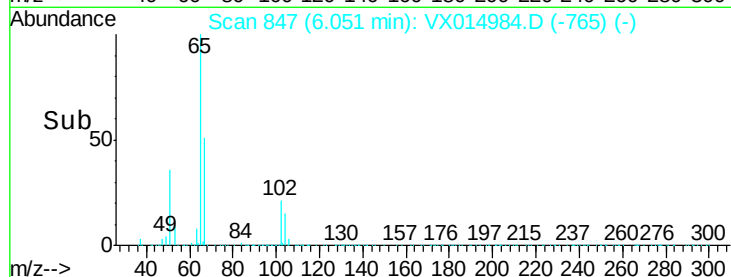
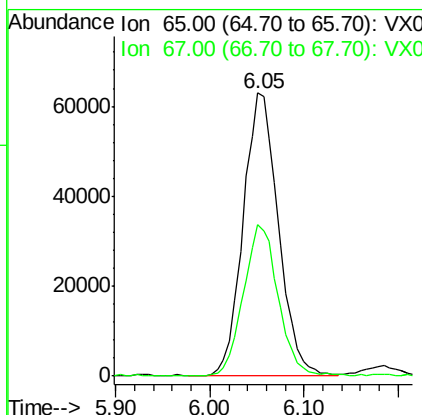
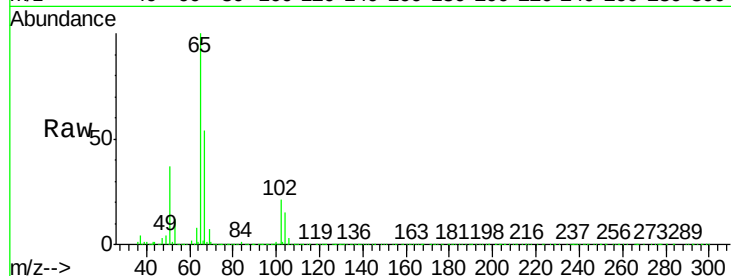




#27
 1,2-Dichloroethane-d4
 Concen: 29.86 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

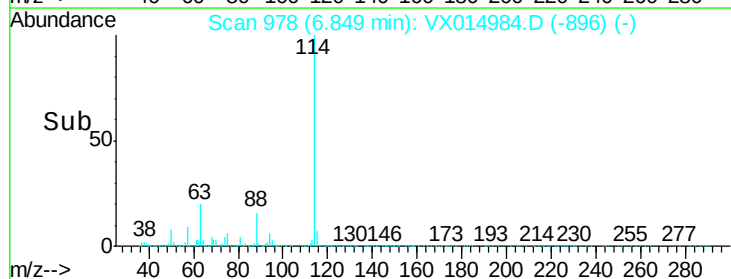
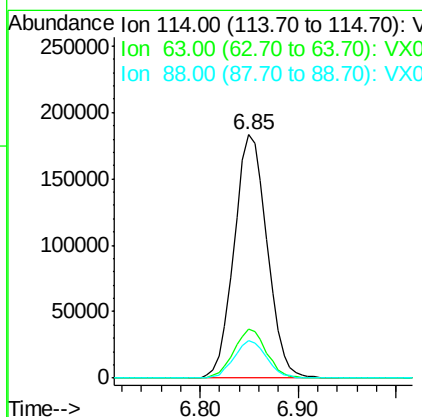
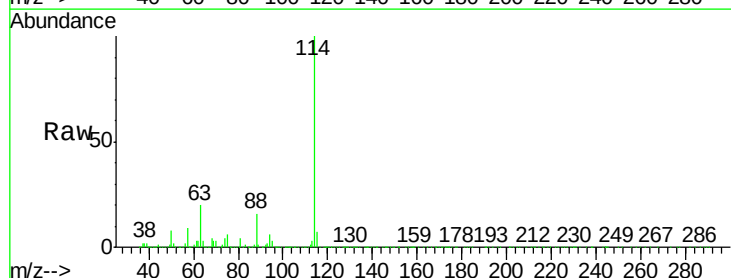
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

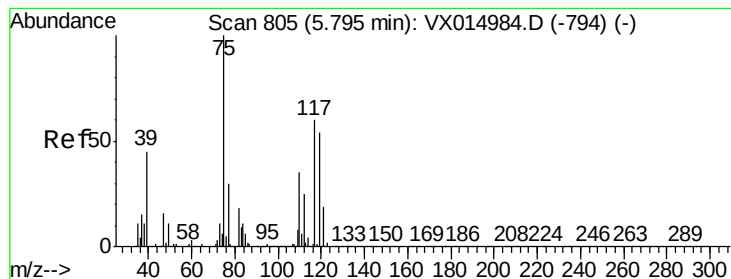
Tgt Ion: 65 Resp: 164332
 Ion Ratio Lower Upper
 65 100
 67 52.5 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 114 Resp: 429504
 Ion Ratio Lower Upper
 114 100
 63 19.5 15.6 23.4
 88 15.3 12.2 18.2





#29

1,1-Dichloropropene

Concen: 18.00 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

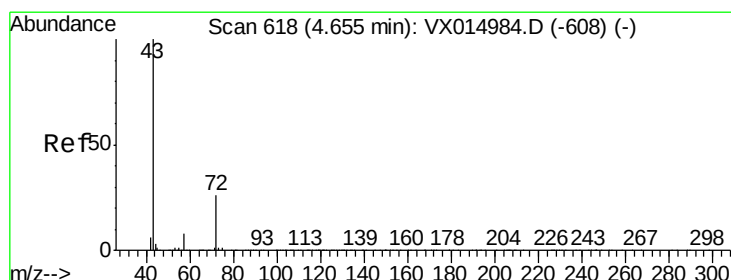
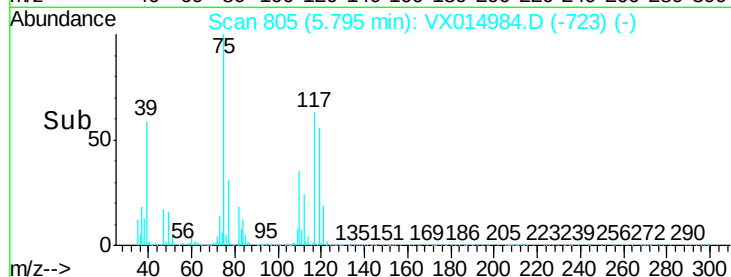
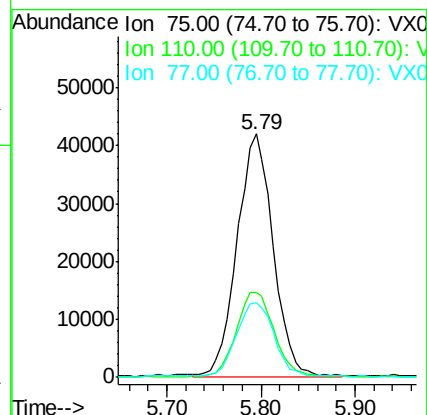
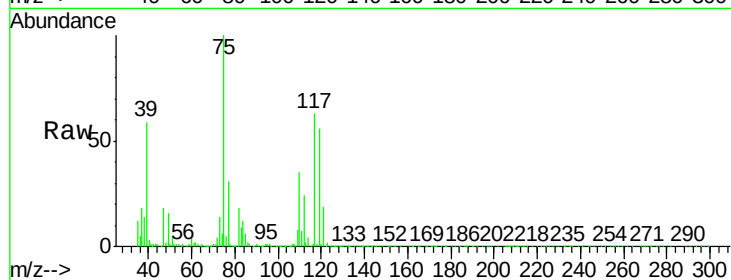
Tgt Ion: 75 Resp: 111826

Ion Ratio Lower Upper

75 100

110 37.4 0.0 75.0

77 32.0 0.0 64.0



#30

2-Butanone

Concen: 87.65 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

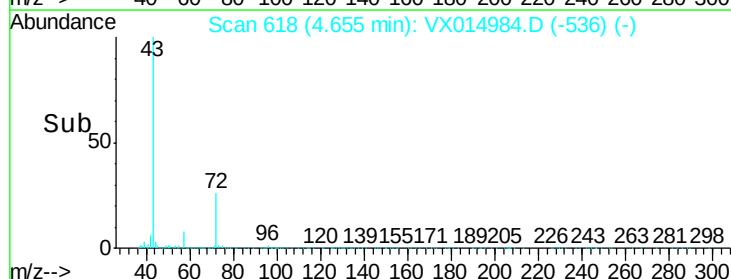
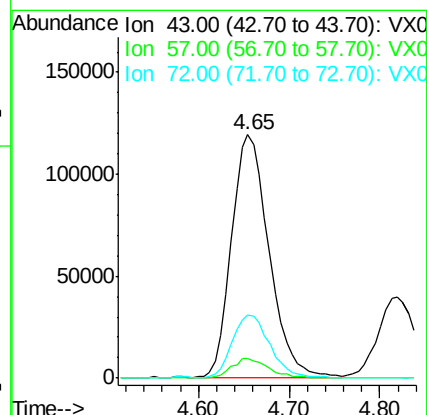
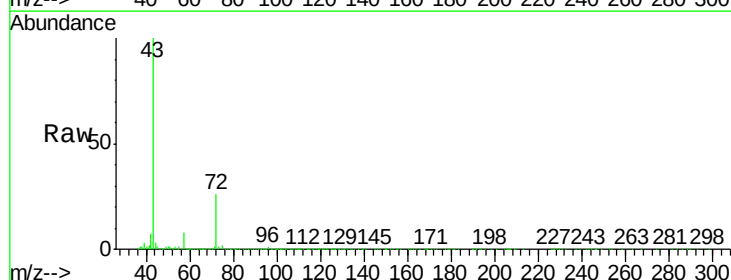
Tgt Ion: 43 Resp: 339762

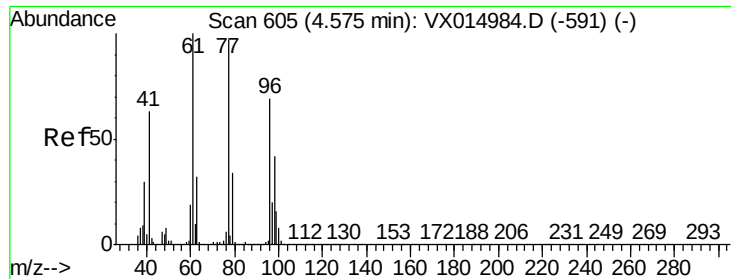
Ion Ratio Lower Upper

43 100

57 7.9 6.5 9.7

72 25.4 20.3 30.5

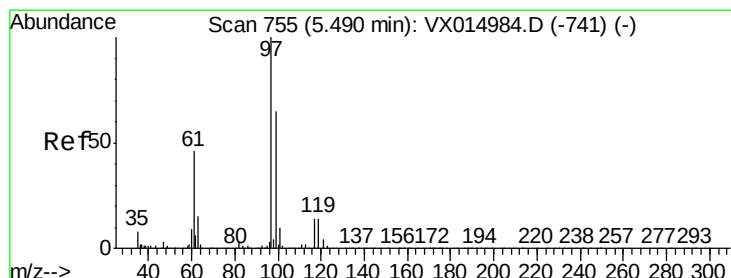
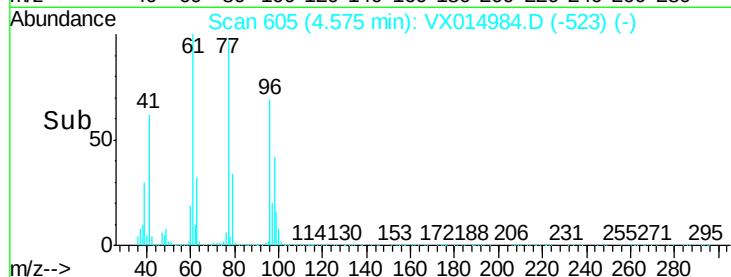
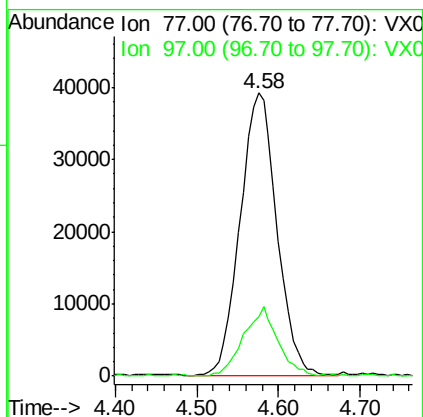
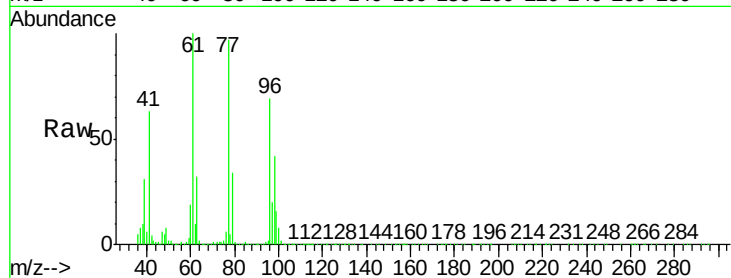




#31
 2,2-Dichloropropane
 Concen: 18.35 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

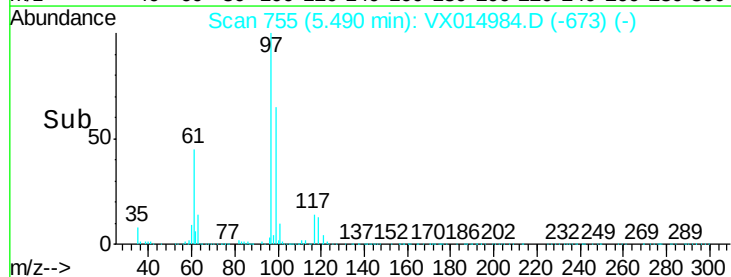
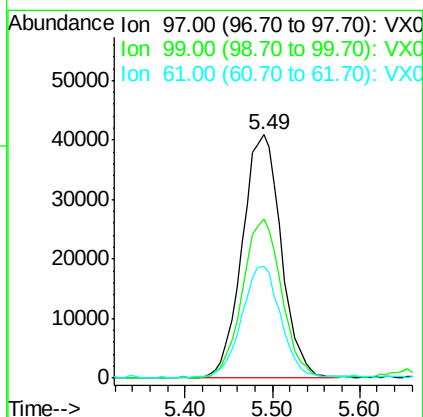
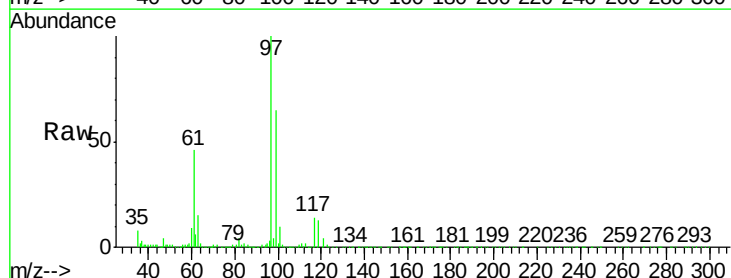
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

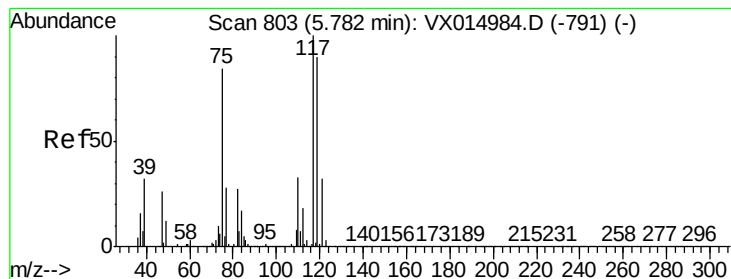
Tgt Ion: 77 Resp: 122820
 Ion Ratio Lower Upper
 77 100
 97 22.4 18.4 27.6



#32
 1,1,1-Trichloroethane
 Concen: 18.28 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 97 Resp: 126458
 Ion Ratio Lower Upper
 97 100
 99 66.3 53.0 79.6
 61 45.2 36.2 54.2





#33

Carbon Tetrachloride

Concen: 18.57 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

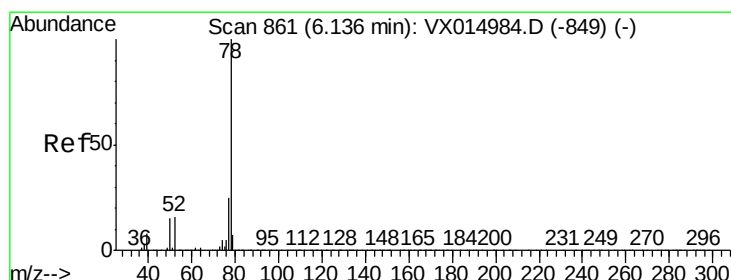
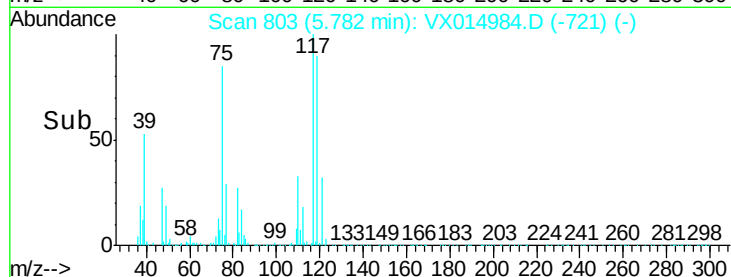
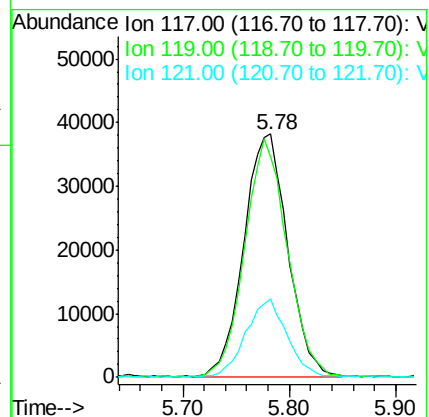
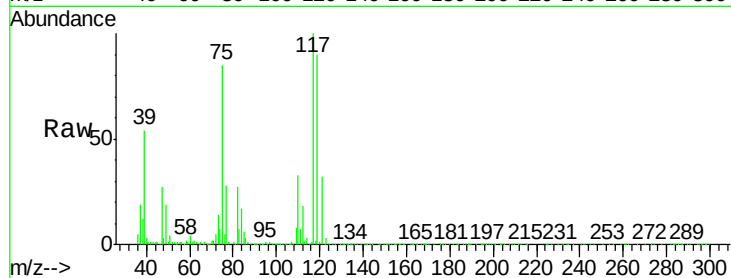
Tgt Ion:117 Resp: 110831

Ion Ratio Lower Upper

117 100

119 89.9 71.9 107.9

121 31.8 25.4 38.2



#34

Benzene

Concen: 17.92 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

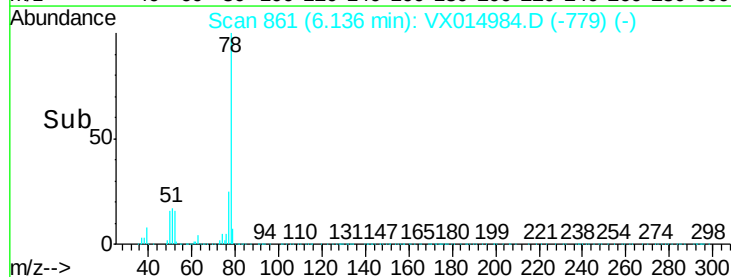
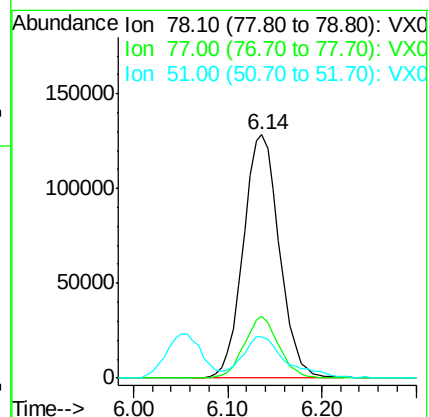
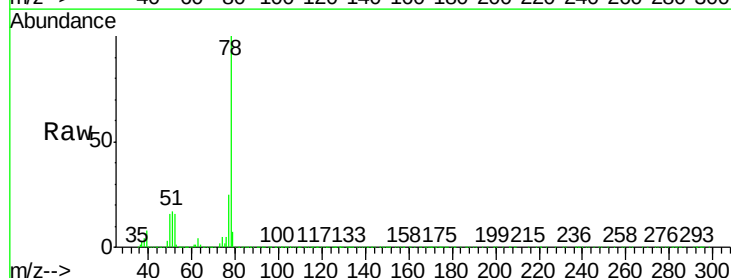
Tgt Ion: 78 Resp: 342141

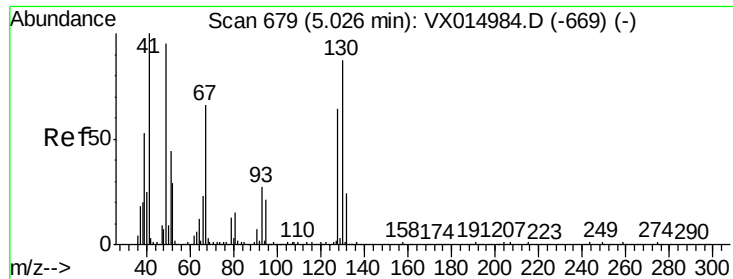
Ion Ratio Lower Upper

78 100

77 25.0 20.0 30.0

51 16.6 13.3 19.9

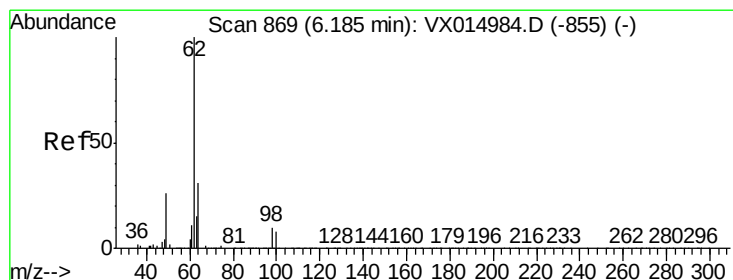
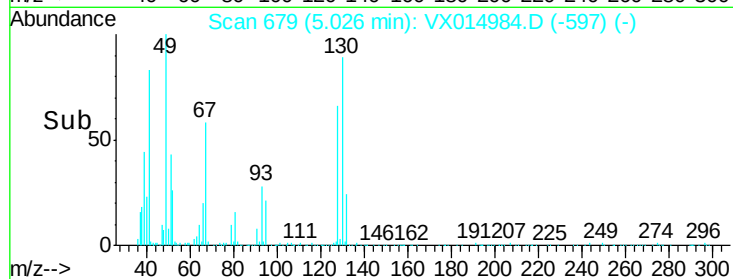
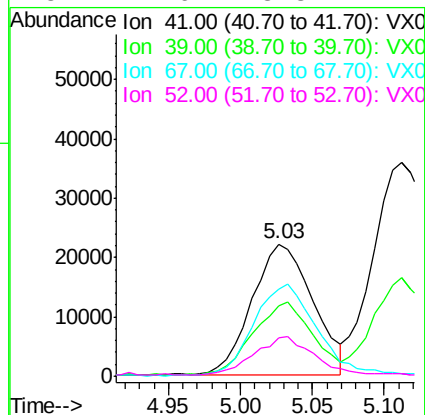
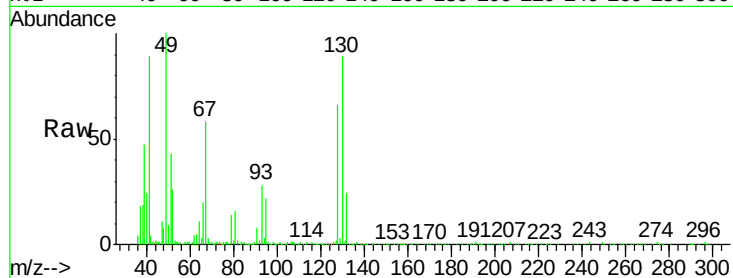




#35
Methacrylonitrile
Concen: 16.66 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

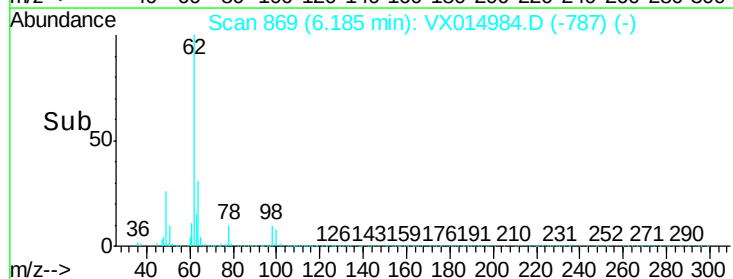
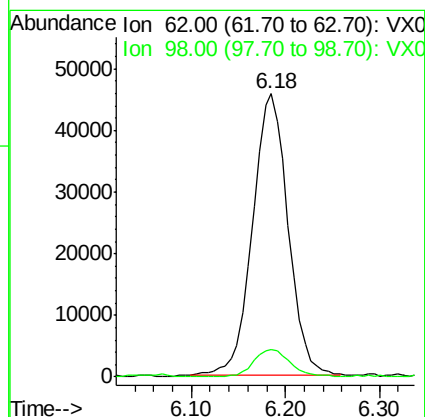
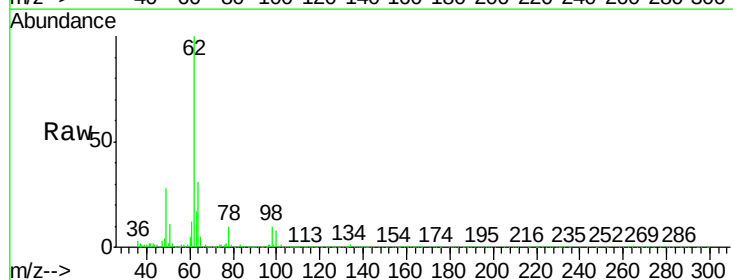
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

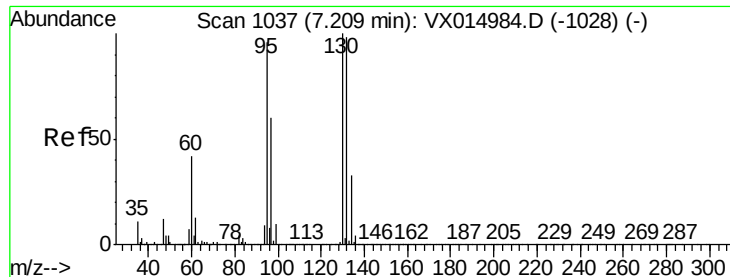
Tgt Ion:	41	Resp:	64194
Ion	Ratio	Lower	Upper
41	100		
39	51.8	25.9	77.7
67	65.4	32.7	98.1
52	27.6	13.8	41.4



#36
1,2-Dichloroethane
Concen: 18.15 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion:	62	Resp:	121071
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.5	11.3

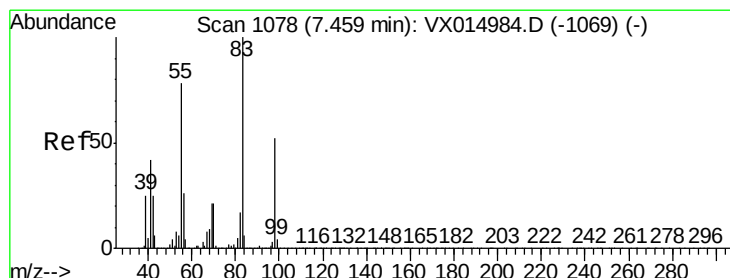
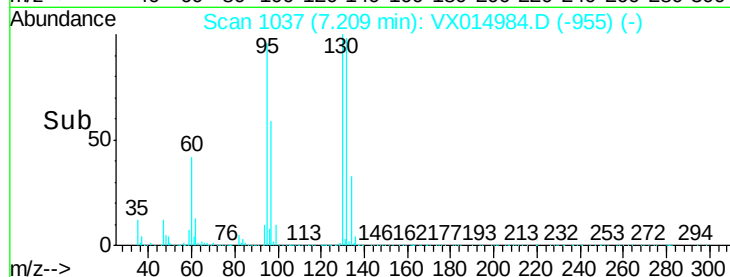
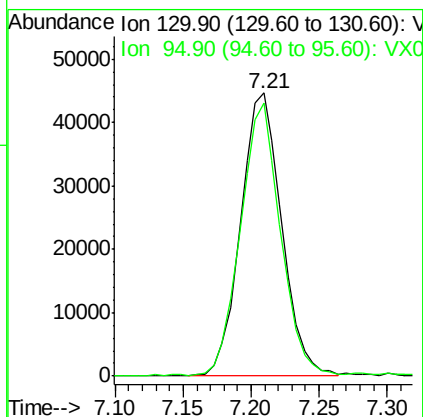
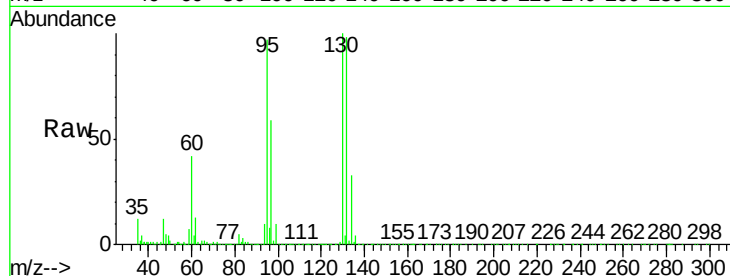




#37
 Trichloroethene
 Concen: 17.87 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

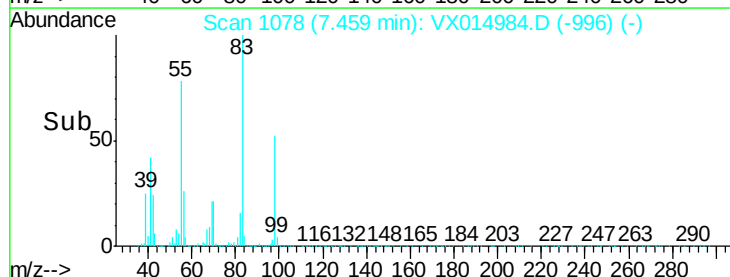
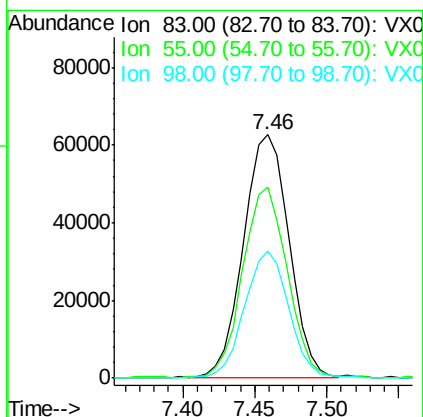
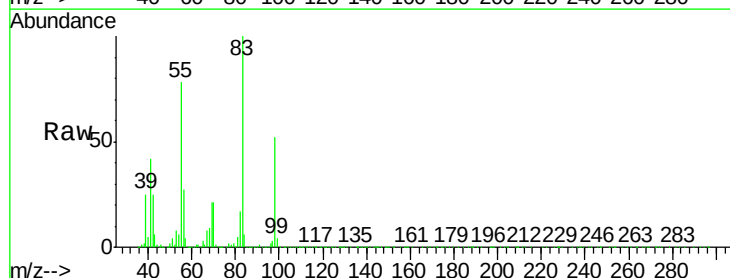
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

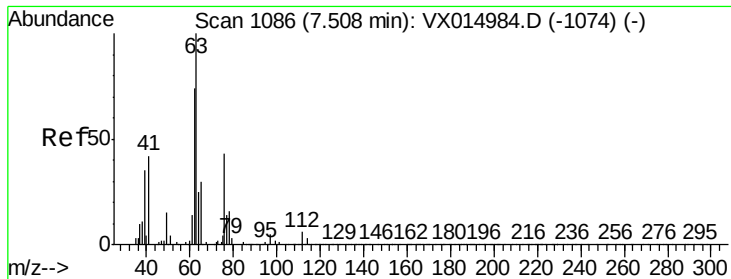
Tgt Ion: 130 Resp: 93509
 Ion Ratio Lower Upper
 130 100
 95 96.4 77.1 115.7



#38
 Methylcyclohexane
 Concen: 17.77 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 83 Resp: 137037
 Ion Ratio Lower Upper
 83 100
 55 76.4 38.2 114.6
 98 50.5 25.3 75.8





#39

1,2-Dichloropropane

Concen: 17.55 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

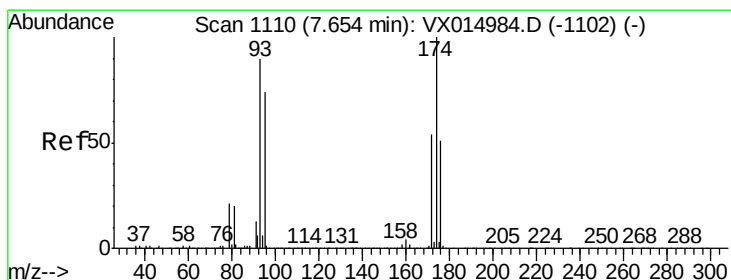
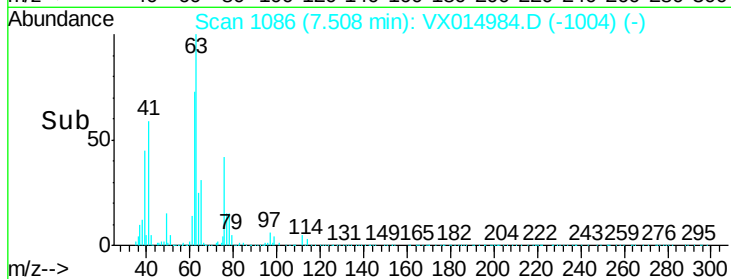
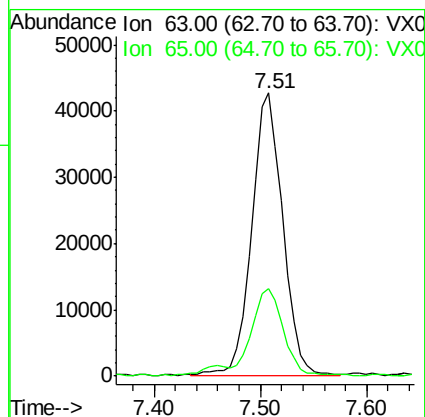
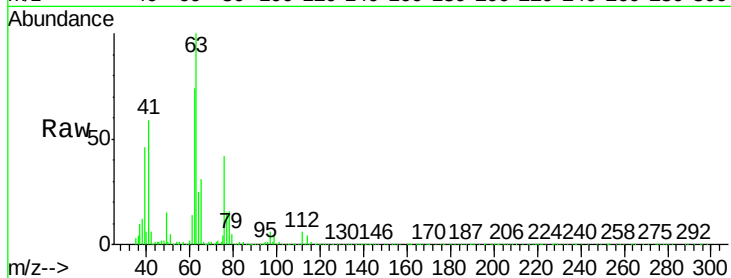
VSTDICCC020

Tgt Ion: 63 Resp: 86962

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#40

Dibromomethane

Concen: 18.42 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

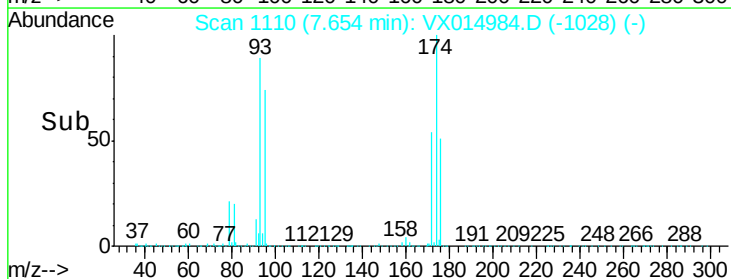
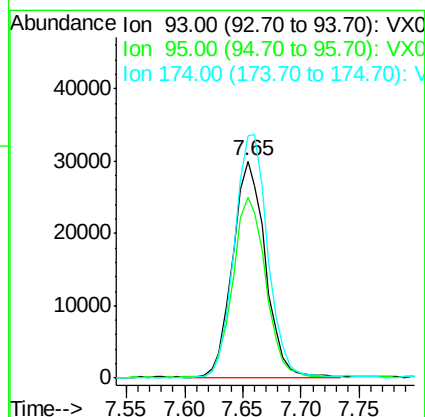
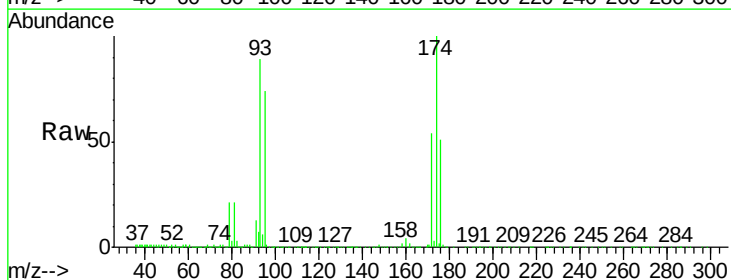
Tgt Ion: 93 Resp: 59452

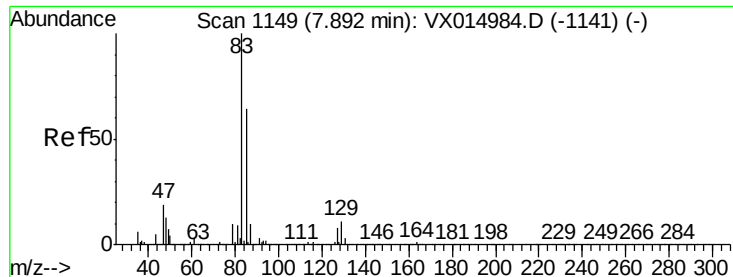
Ion Ratio Lower Upper

93 100

95 82.3 0.0 164.6

174 113.2 0.0 226.4





#41

Bromodichloromethane

Concen: 18.04 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

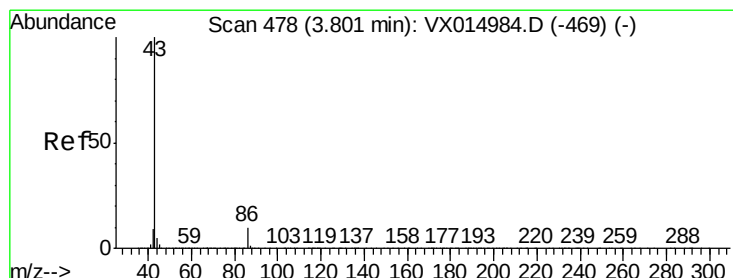
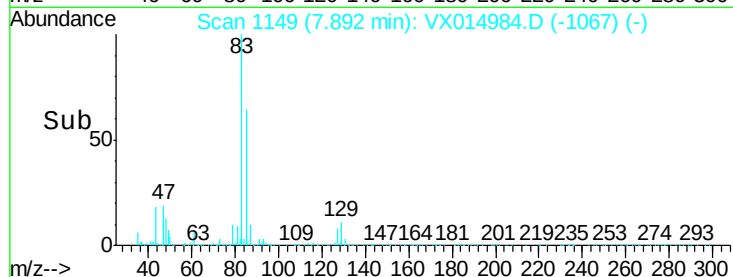
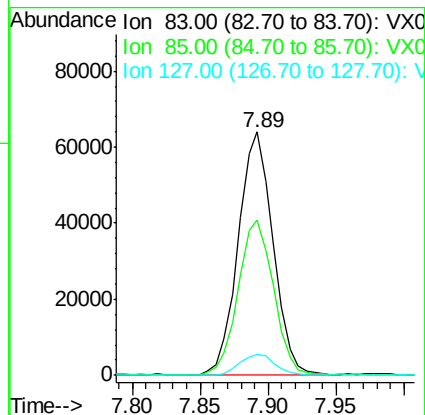
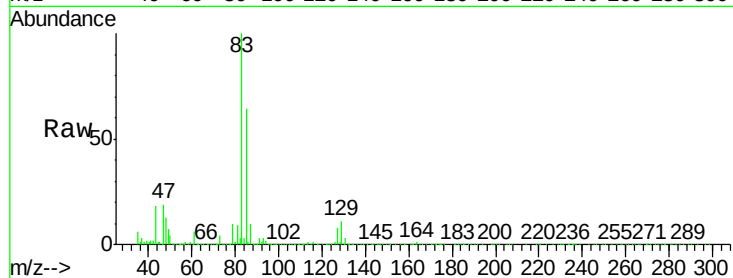
Tgt Ion: 83 Resp: 113960

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4

127 8.3 6.6 10.0



#42

Vinyl Acetate

Concen: 93.90 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014984.D

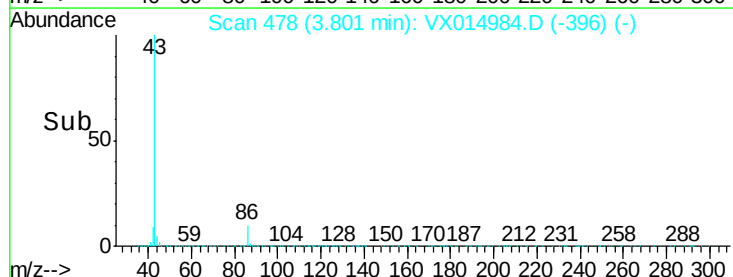
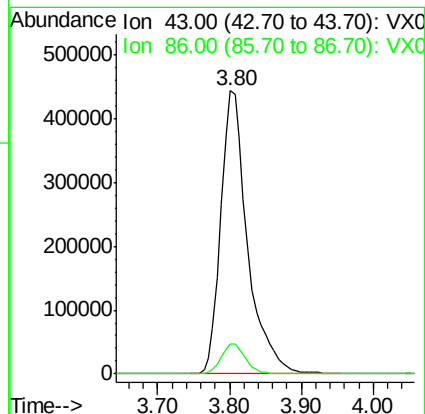
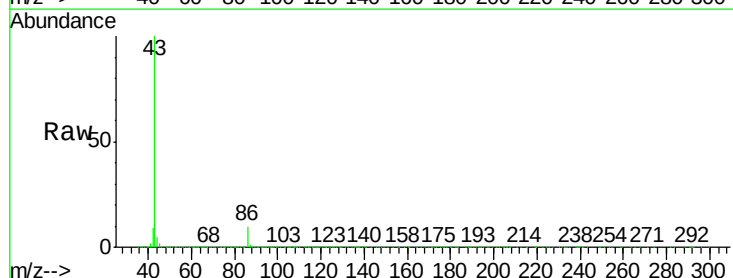
Acq: 21 Feb 2020 09:37

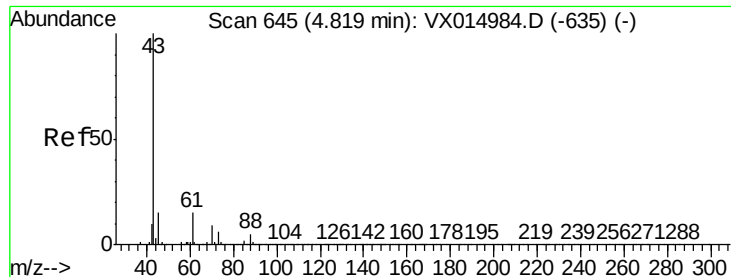
Tgt Ion: 43 Resp: 1149067

Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4





#43

Ethyl Acetate

Concen: 16.97 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

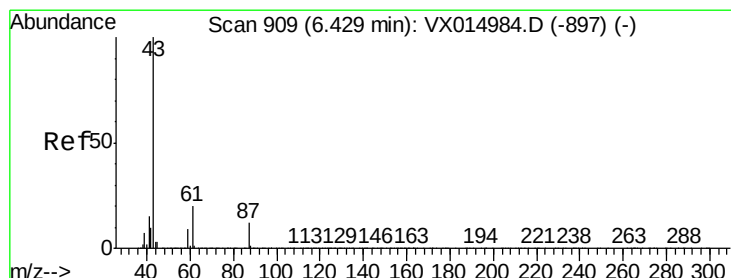
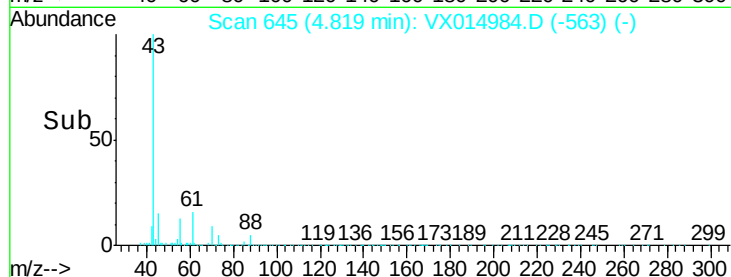
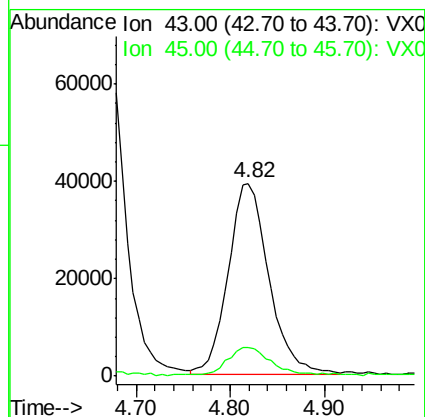
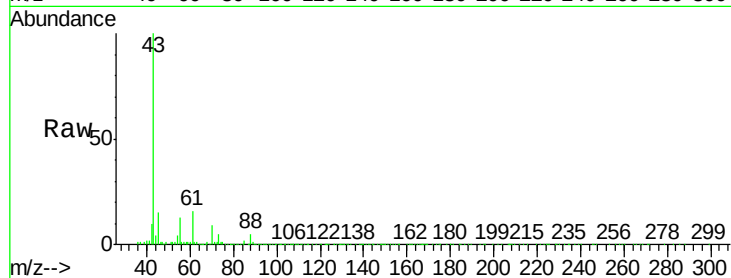
VSTDICCC020

Tgt Ion: 43 Resp: 118547

Ion Ratio Lower Upper

43 100

45 13.5 10.8 16.2



#44

Isopropyl Acetate

Concen: 17.13 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX014984.D

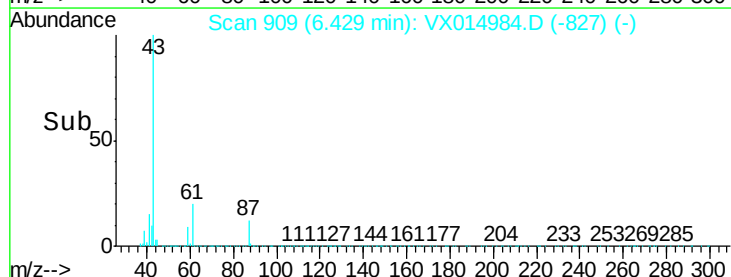
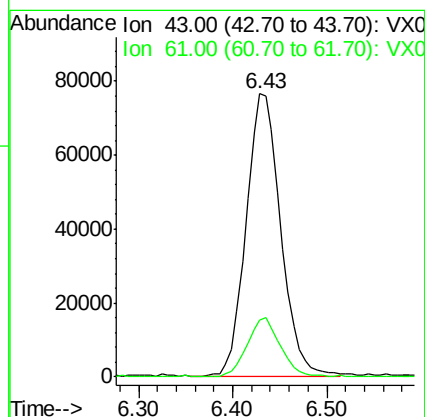
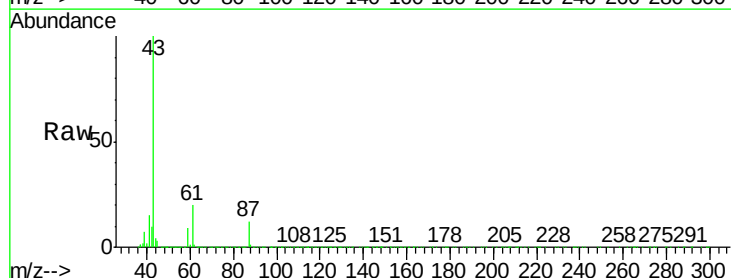
Acq: 21 Feb 2020 09:37

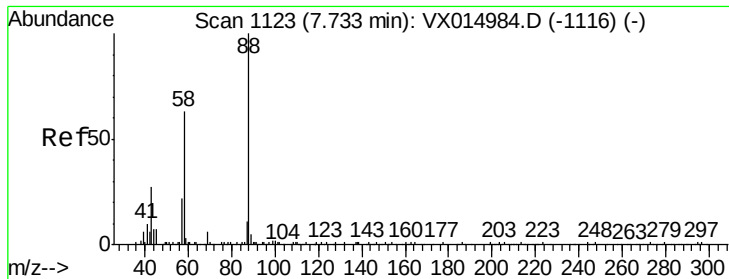
Tgt Ion: 43 Resp: 194847

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4





#45

1,4-Dioxane

Concen: 329.91 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

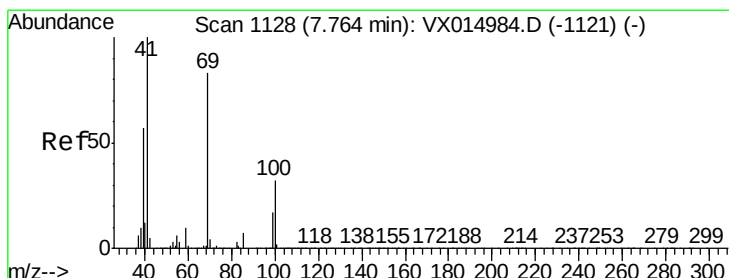
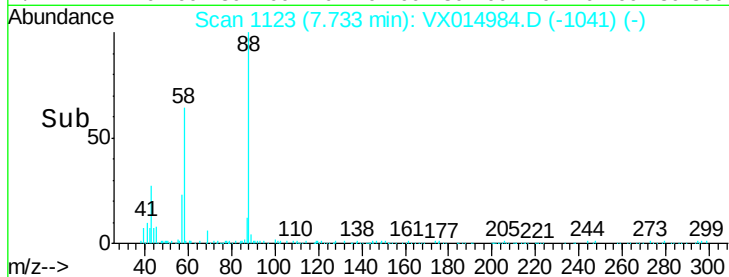
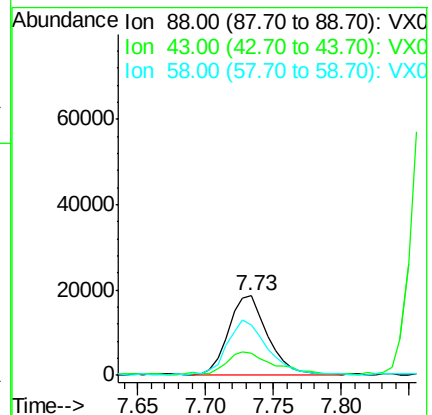
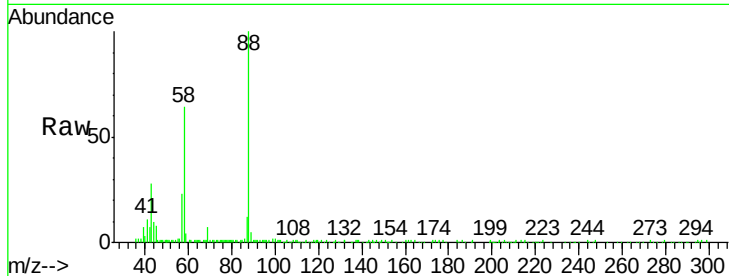
Tgt Ion: 88 Resp: 36857

Ion Ratio Lower Upper

88 100

43 31.8 25.4 38.2

58 69.8 55.8 83.8



#46

Methyl methacrylate

Concen: 16.97 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

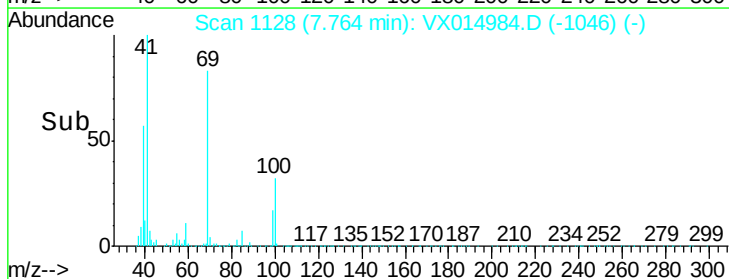
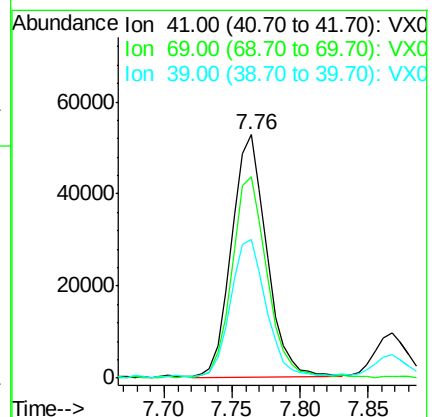
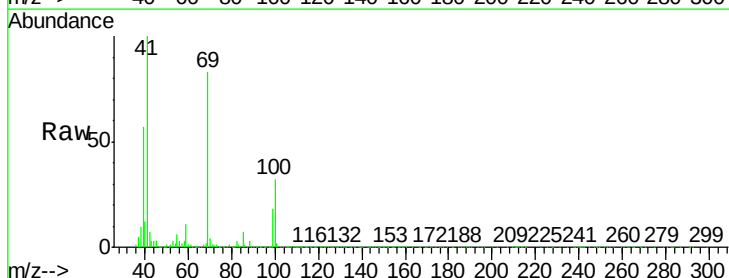
Tgt Ion: 41 Resp: 94791

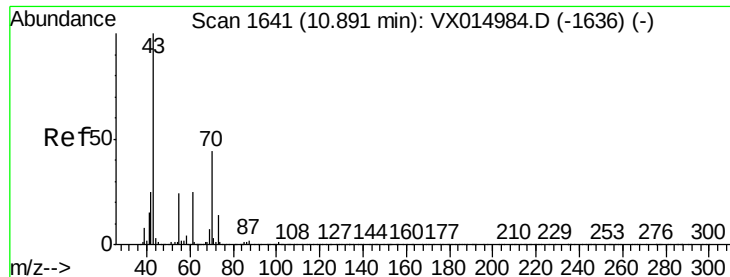
Ion Ratio Lower Upper

41 100

69 82.8 41.4 124.2

39 56.6 28.3 84.9





#47

n-amyI Acetate

Concen: 16.92 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

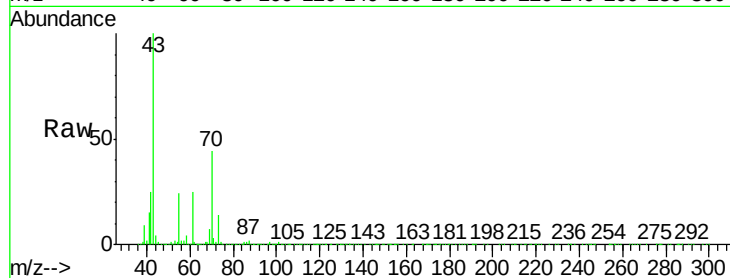
VSTDICCC020

Tgt Ion: 43 Resp: 163014

Ion Ratio Lower Upper

43 100

55 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

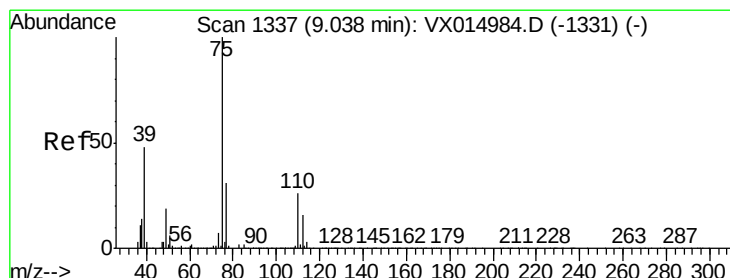
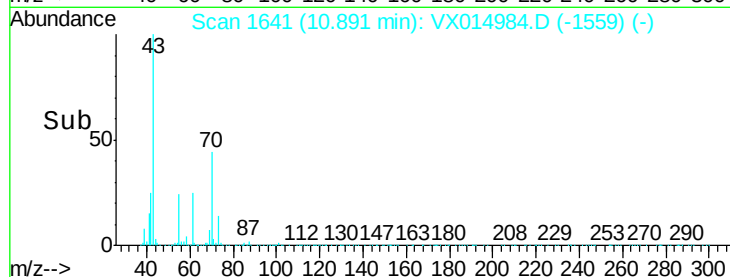
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.92 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014984.D

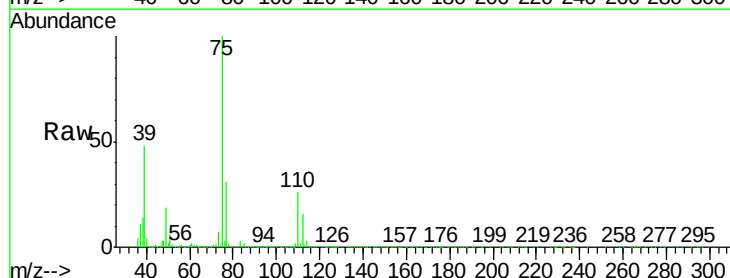
Acq: 21 Feb 2020 09:37

Tgt Ion: 75 Resp: 123528

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

100000

80000

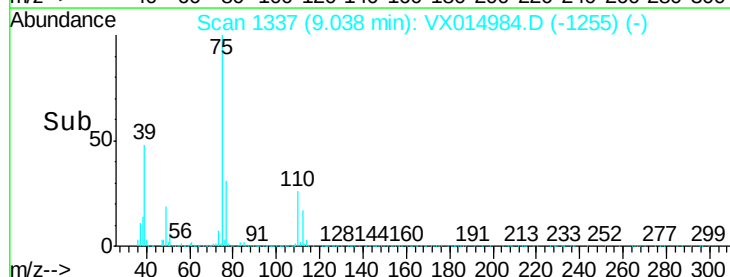
60000

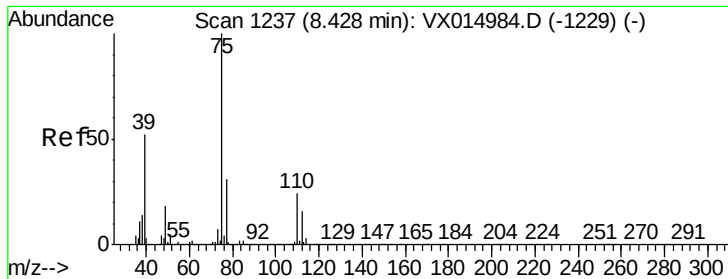
40000

20000

0

Time-->





#49

cis-1,3-Dichloropropene

Concen: 17.87 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

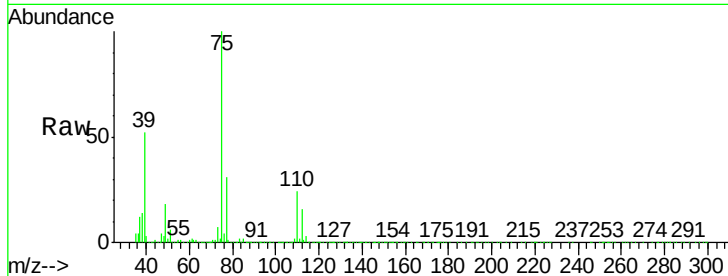
Tgt Ion: 75 Resp: 138519

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

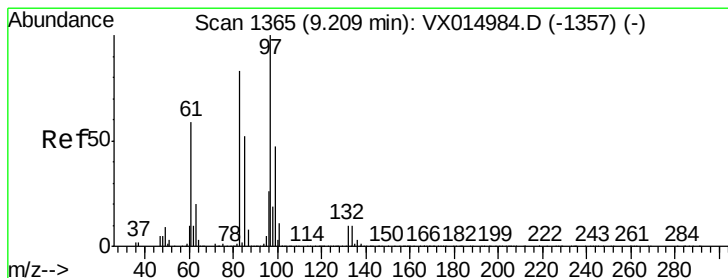
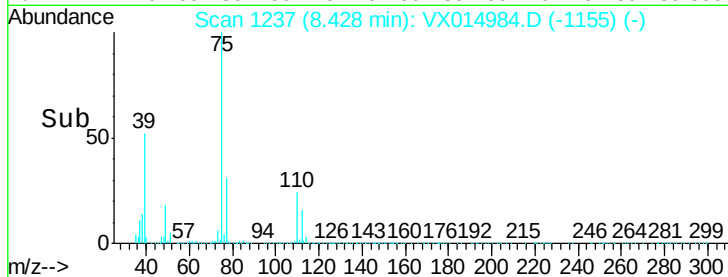
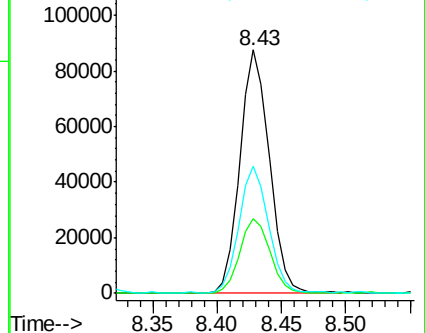
39 51.9 41.5 62.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 18.32 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion: 97 Resp: 89349

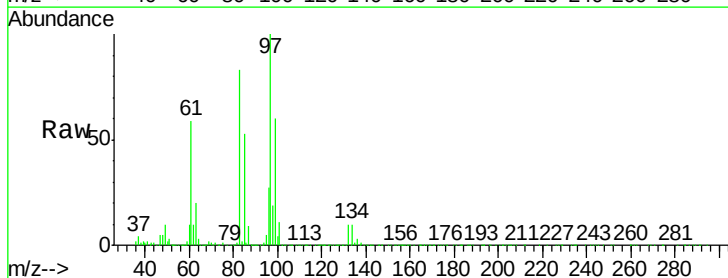
Ion Ratio Lower Upper

97 100

83 82.7 66.2 99.2

85 53.0 42.4 63.6

99 59.6 47.7 71.5

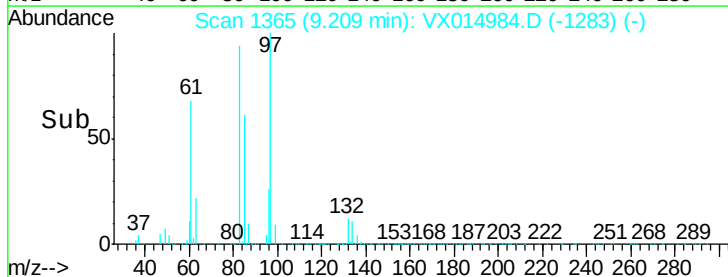
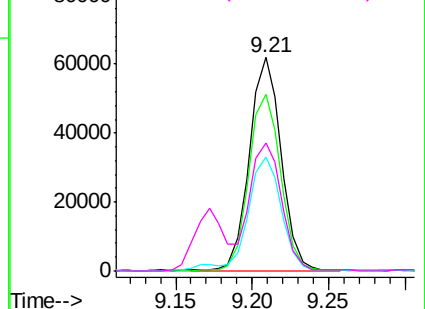


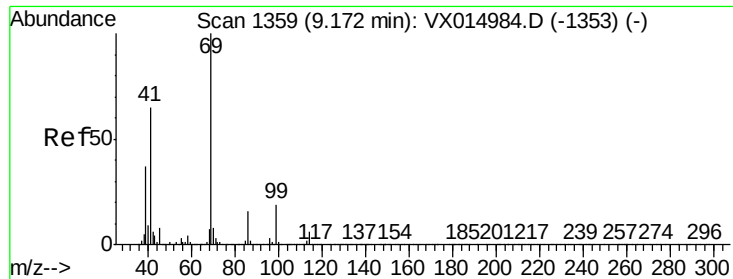
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 17.06 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

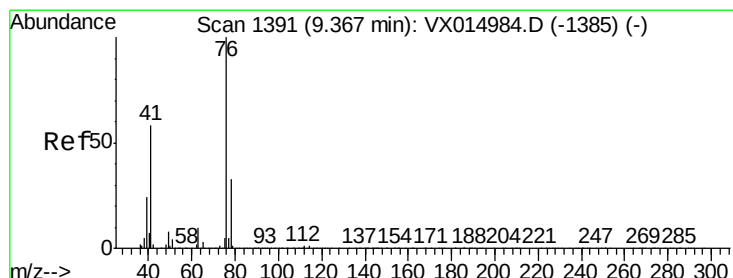
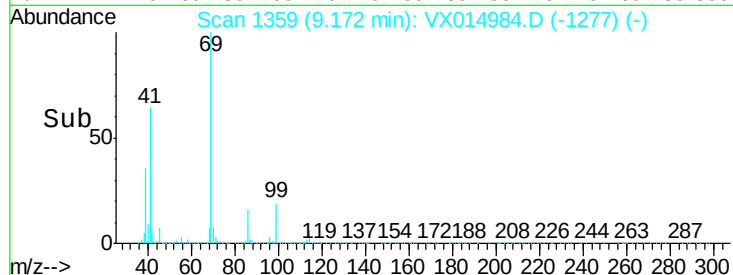
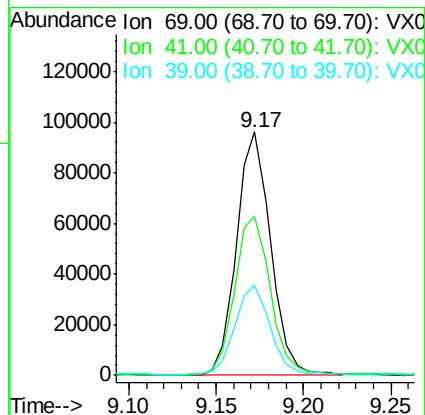
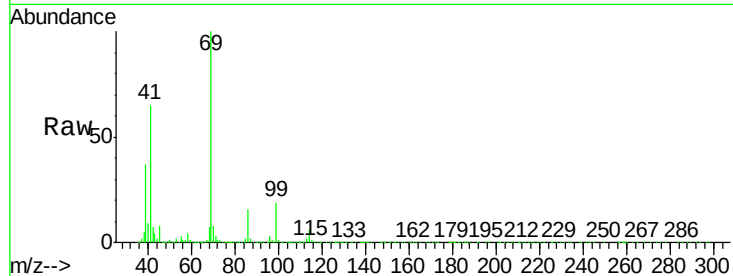
Tgt Ion: 69 Resp: 129552

Ion Ratio Lower Upper

69 100

41 65.4 32.7 98.1

39 36.4 18.2 54.6



#52

1,3-Dichloropropane

Concen: 18.02 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014984.D

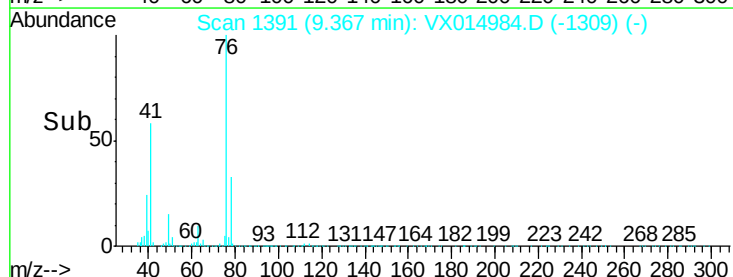
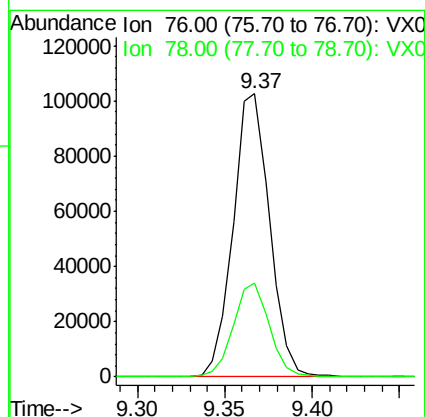
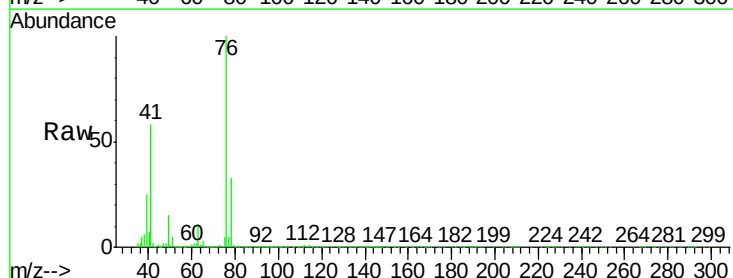
Acq: 21 Feb 2020 09:37

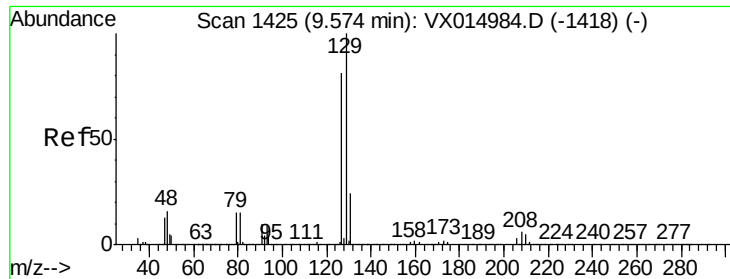
Tgt Ion: 76 Resp: 148923

Ion Ratio Lower Upper

76 100

78 32.5 0.0 65.0





#53

Dibromochloromethane

Concen: 18.33 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

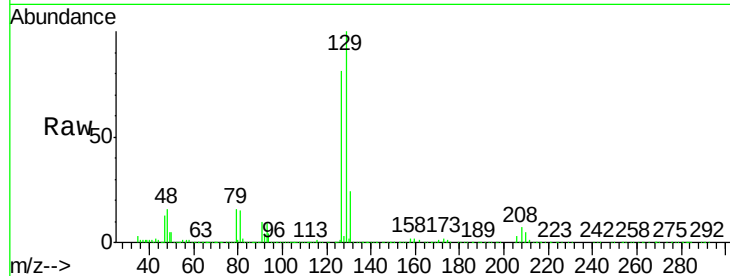
VSTDICCC020

Tgt Ion:129 Resp: 92641

Ion Ratio Lower Upper

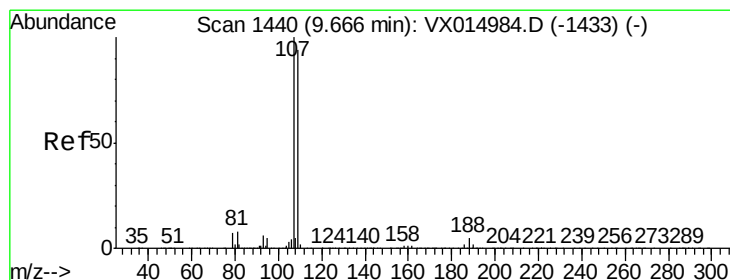
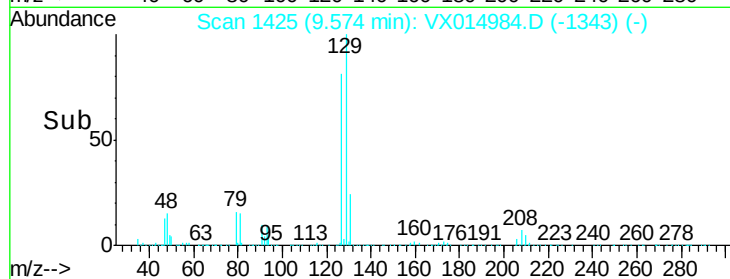
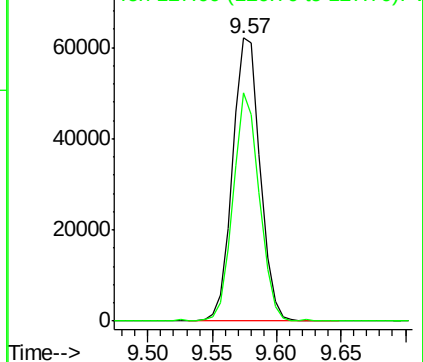
129 100

127 76.6 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.17 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014984.D

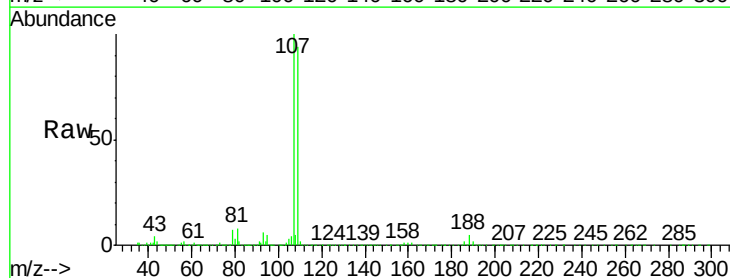
Acq: 21 Feb 2020 09:37

Tgt Ion:107 Resp: 91882

Ion Ratio Lower Upper

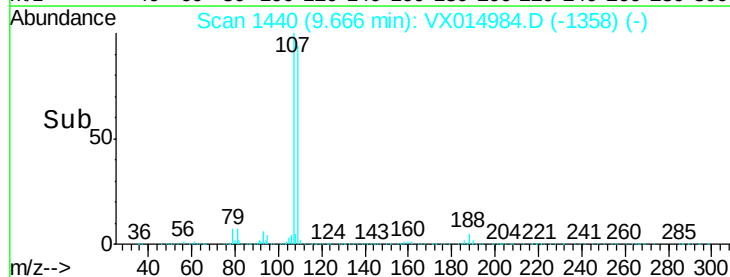
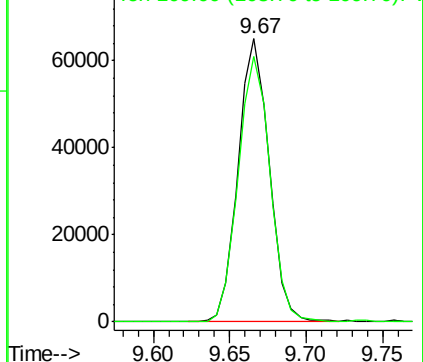
107 100

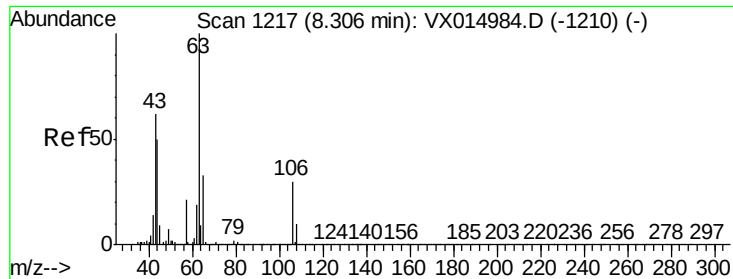
109 95.4 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

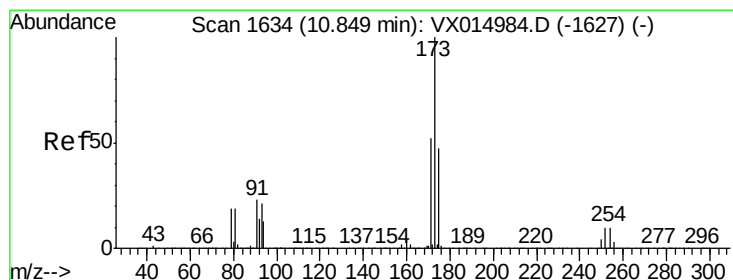
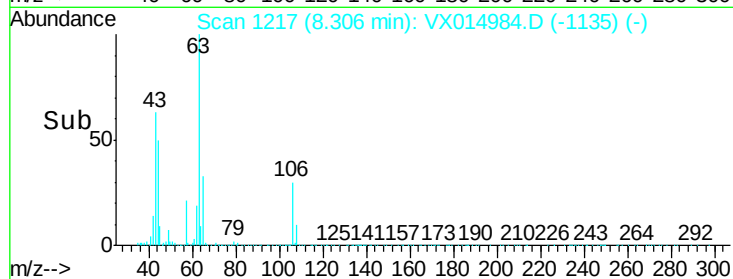
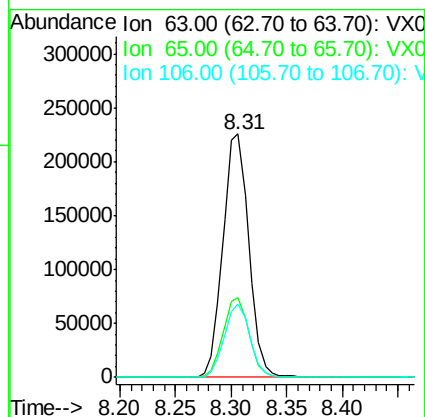
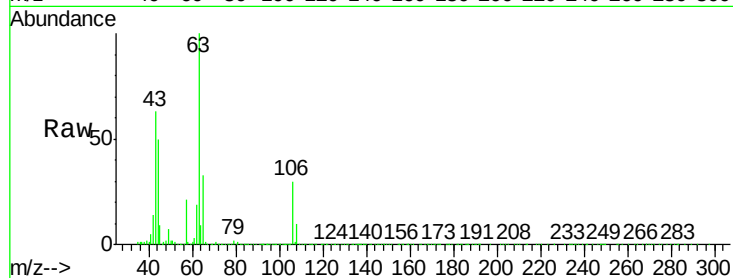




#55
 2-Chloroethyl vinyl ether
 Concen: 100.48 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

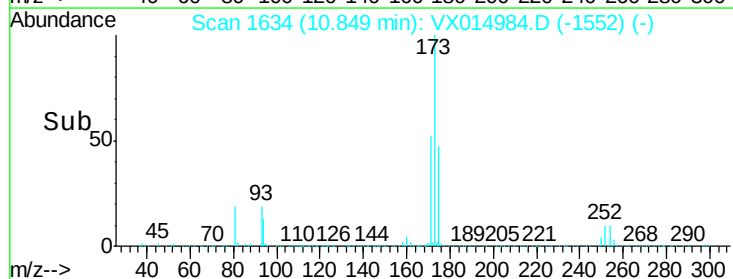
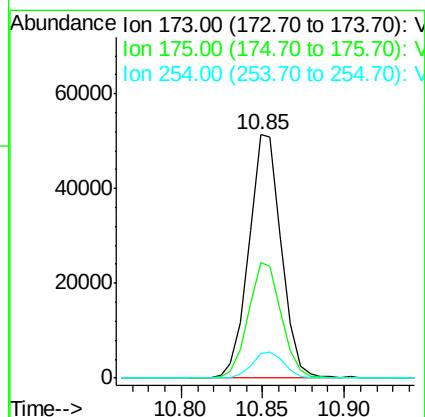
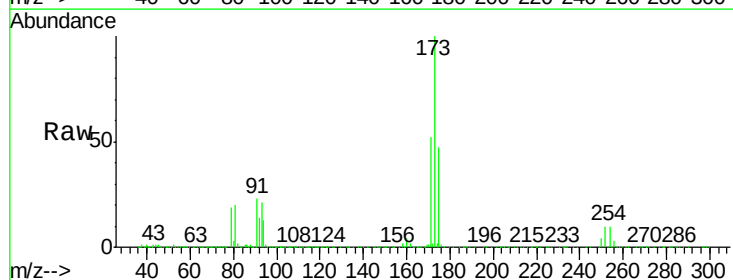
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

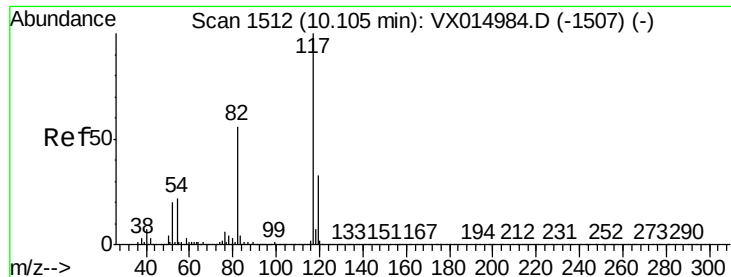
Tgt Ion:	63	Resp:	361160
Ion	Ratio	Lower	Upper
63	100		
65	32.5	26.0	39.0
106	29.9	23.9	35.9



#56
 Bromoform
 Concen: 18.32 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion:	173	Resp:	71328
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	10.8	8.6	13.0

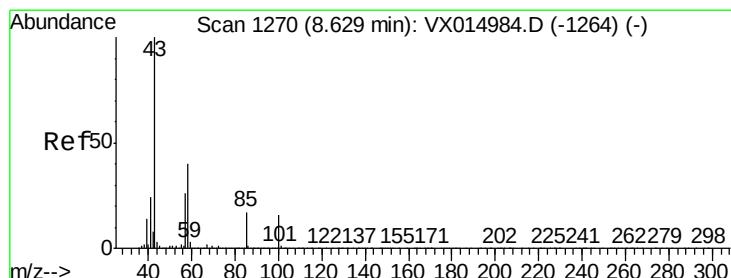
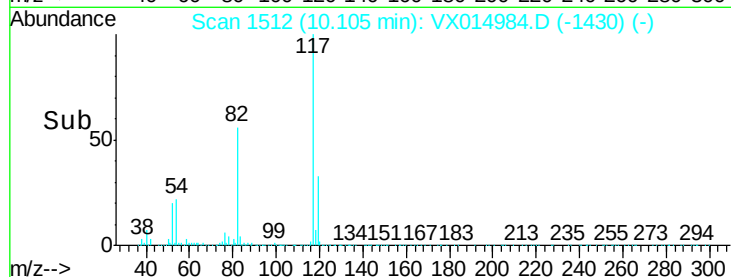
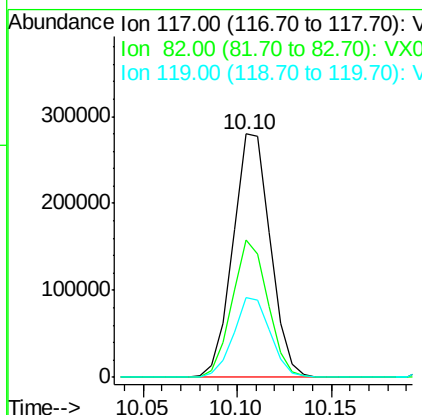
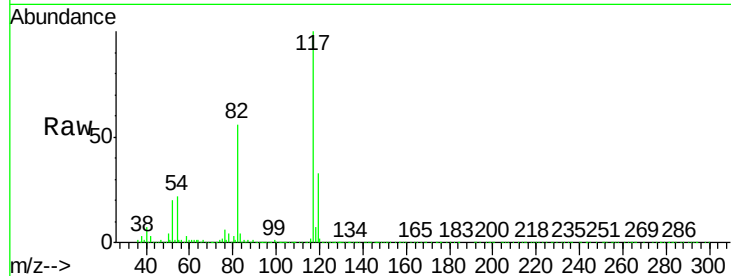




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

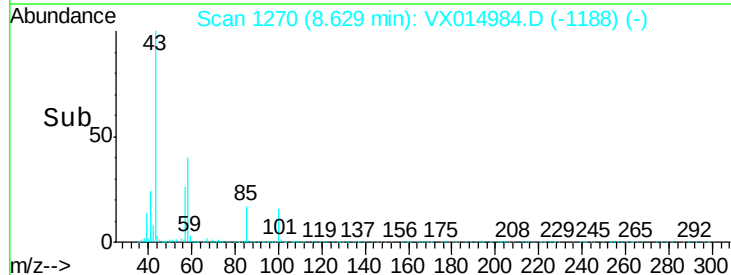
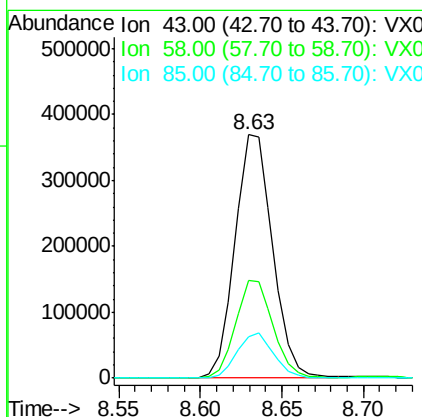
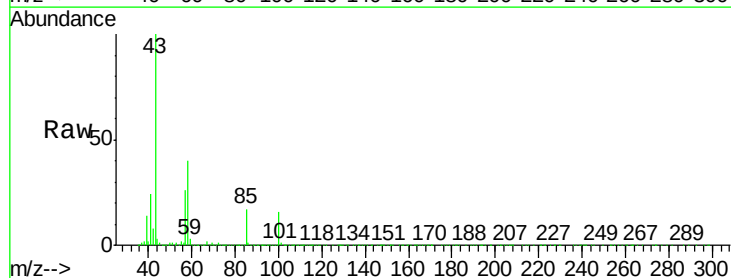
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

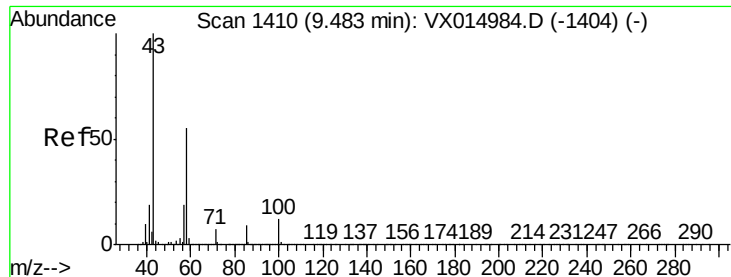
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.2
119	32.5	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 84.69 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.7	47.5
85	18.0	14.4	21.6





#59

2-Hexanone

Concen: 86.93 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

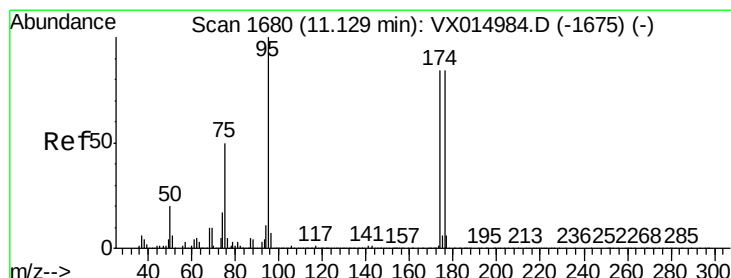
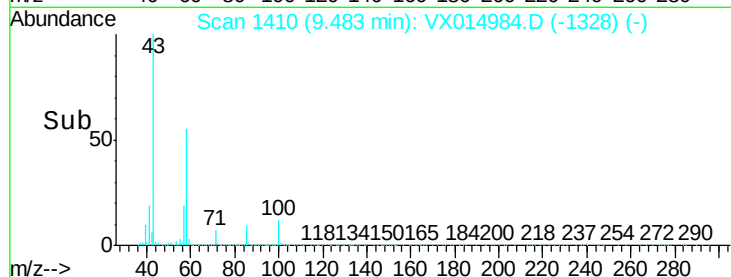
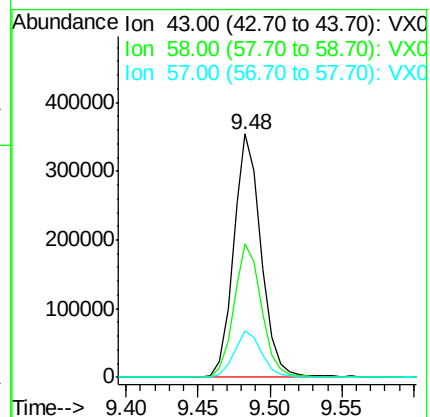
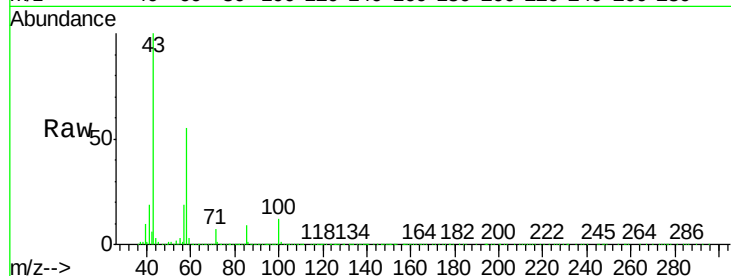
Tgt Ion: 43 Resp: 472832

Ion Ratio Lower Upper

43 100

58 55.1 44.1 66.1

57 19.1 15.3 22.9



#60

4-Bromofluorobenzene

Concen: 29.40 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

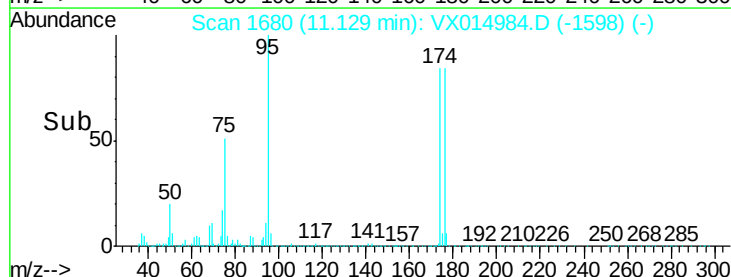
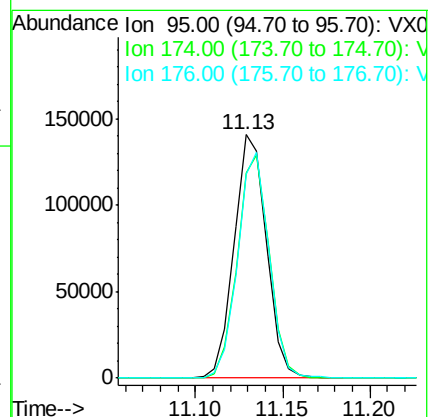
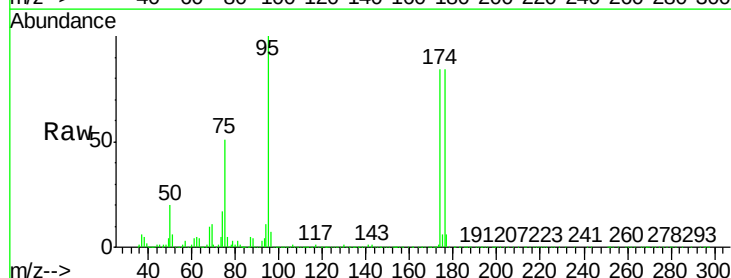
Tgt Ion: 95 Resp: 180361

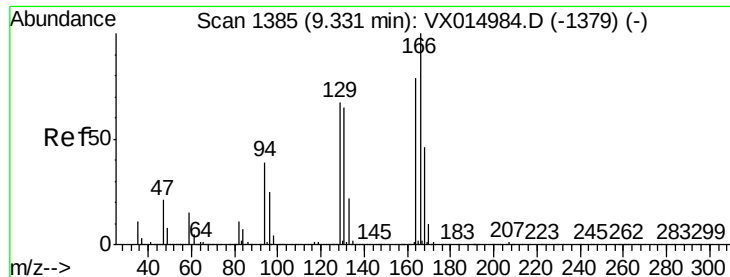
Ion Ratio Lower Upper

95 100

174 90.4 72.3 108.5

176 90.0 72.0 108.0





#61

Tetrachloroethene

Concen: 17.84 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 99266

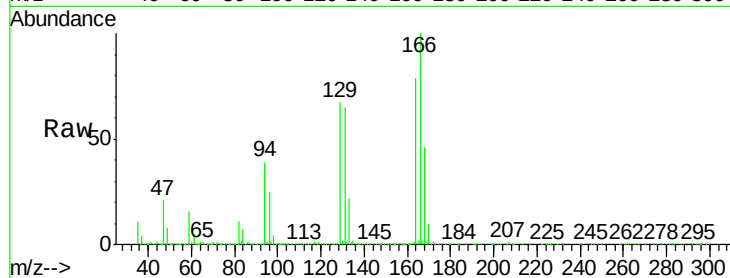
Ion Ratio Lower Upper

164 100

166 126.5 101.2 151.8

129 84.5 67.6 101.4

131 82.5 66.0 99.0

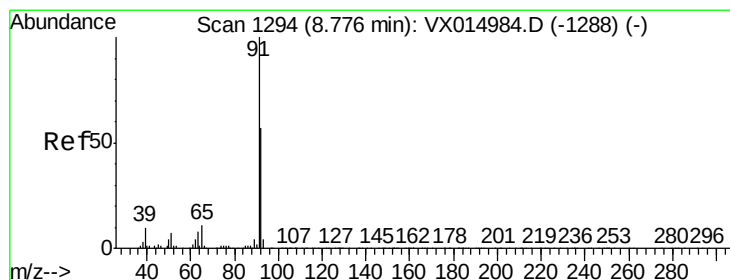
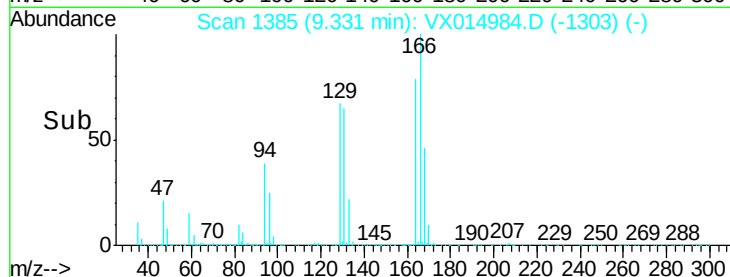
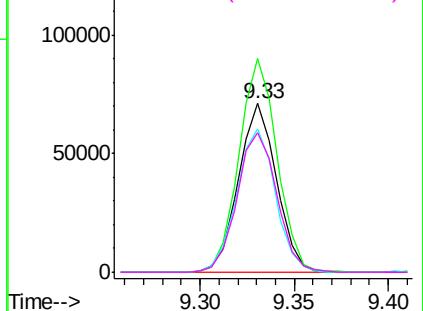


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.48 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014984.D

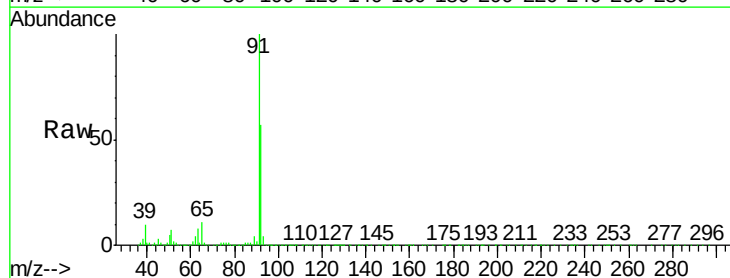
Acq: 21 Feb 2020 09:37

Tgt Ion: 91 Resp: 372520

Ion Ratio Lower Upper

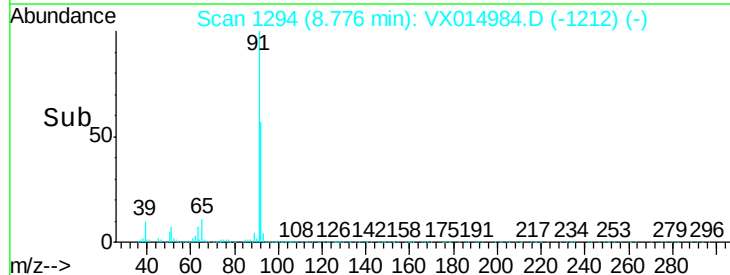
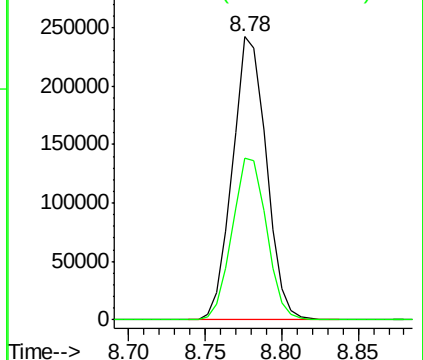
91 100

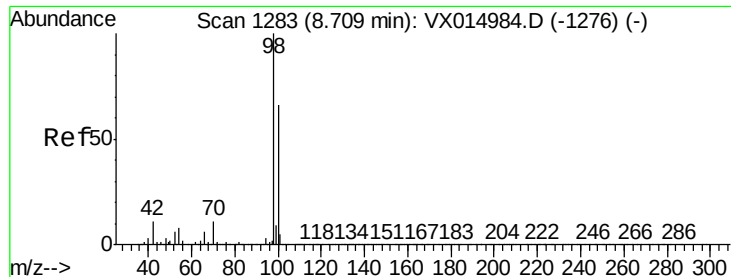
92 58.2 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.73 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

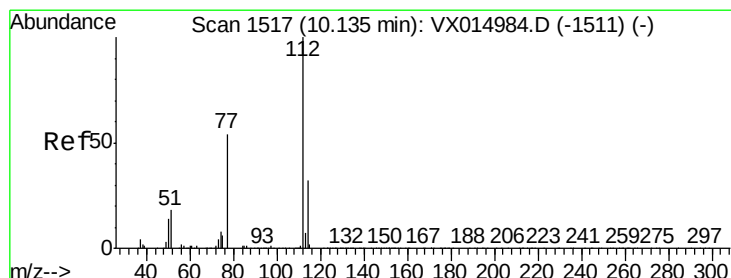
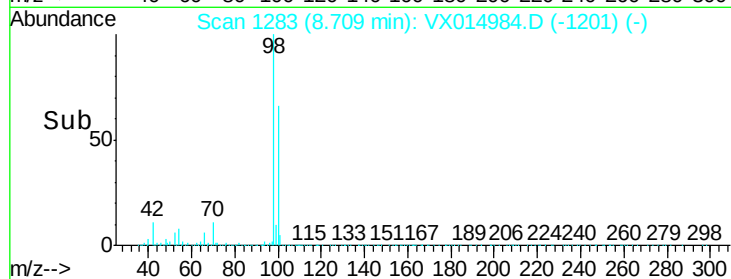
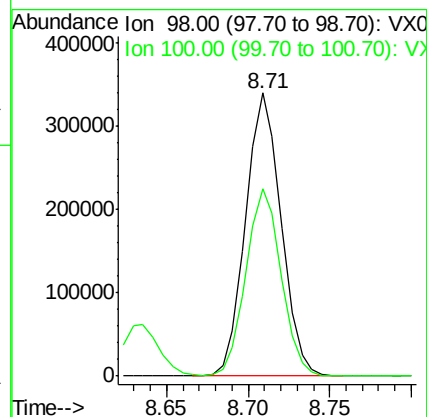
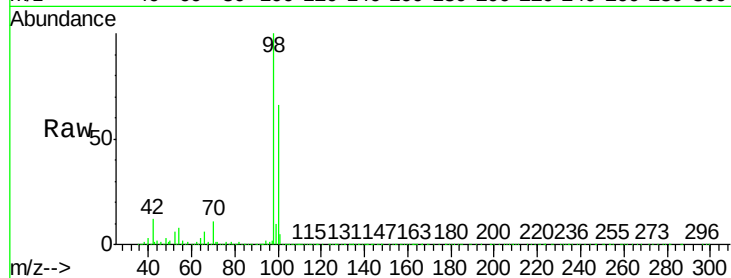
VSTDICCC020

Tgt Ion: 98 Resp: 513787

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



#64

Chlorobenzene

Concen: 18.64 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014984.D

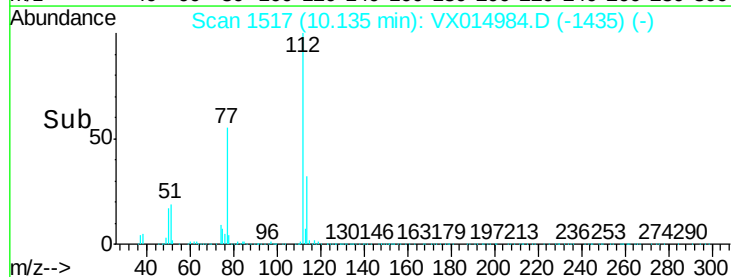
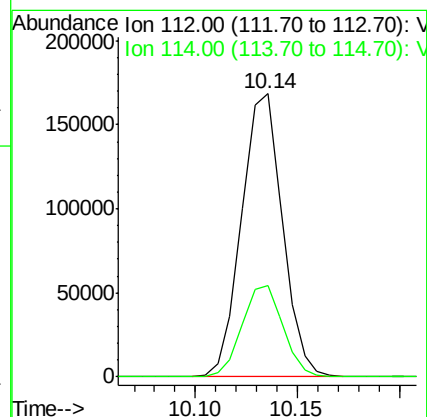
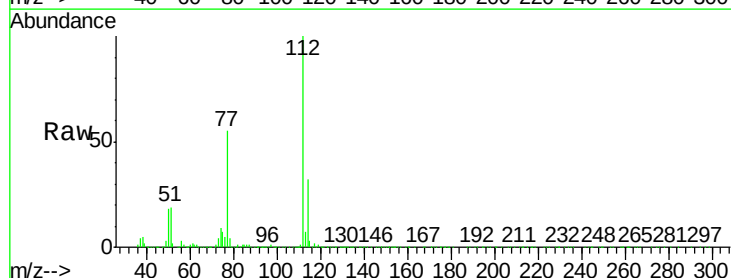
Acq: 21 Feb 2020 09:37

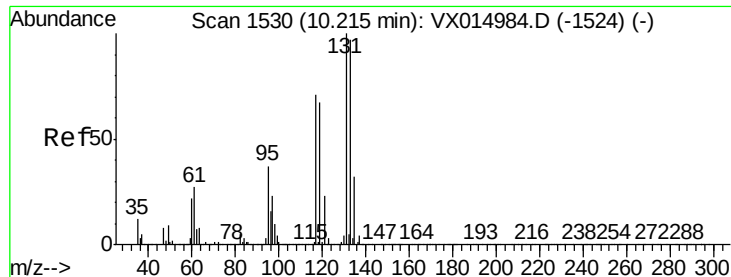
Tgt Ion: 112 Resp: 235273

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6

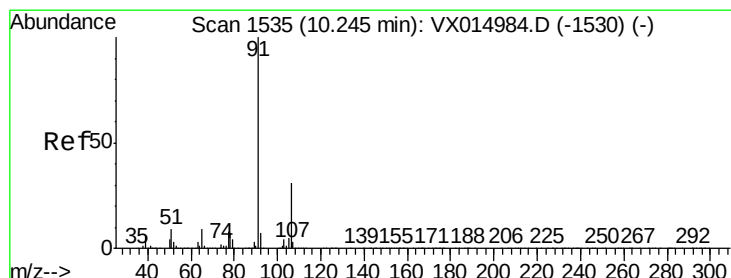
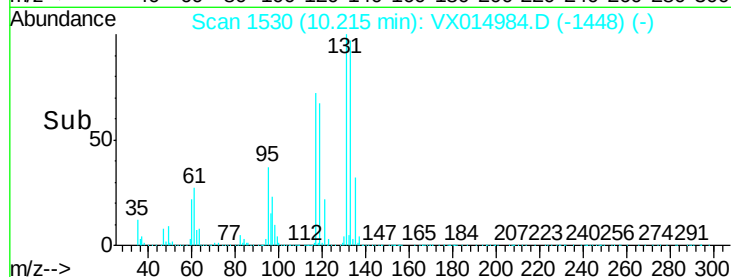
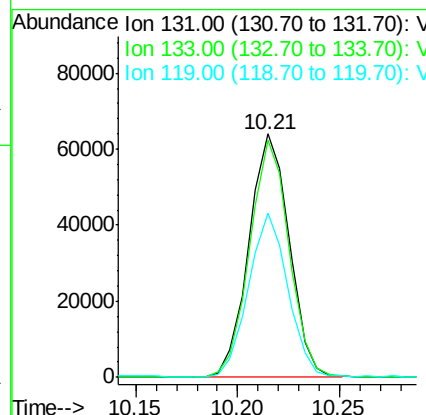
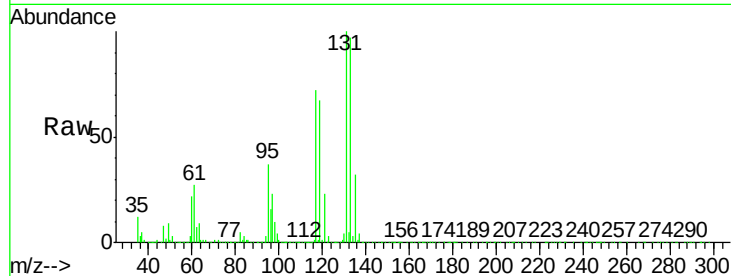




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.72 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

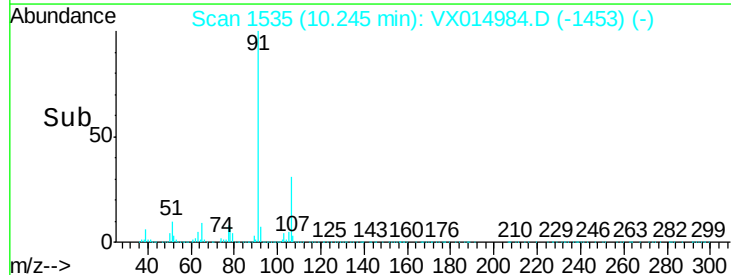
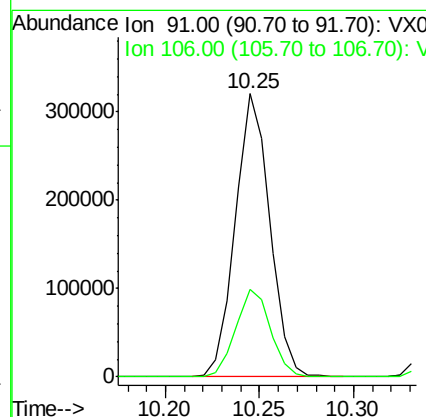
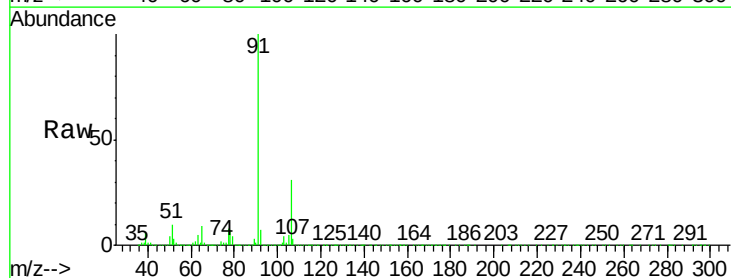
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

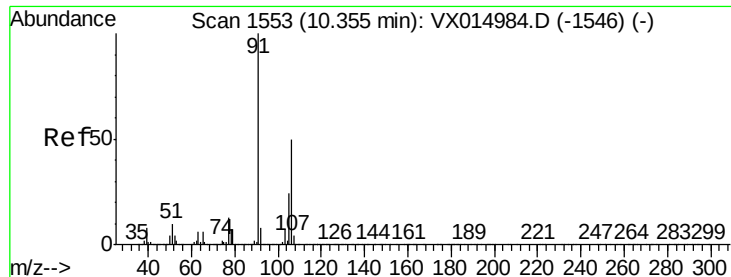
Tgt Ion: 131 Resp: 87342
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 191.4
 119 66.0 0.0 132.0



#66
 Ethyl Benzene
 Concen: 18.47 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 91 Resp: 406995
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.7 37.1

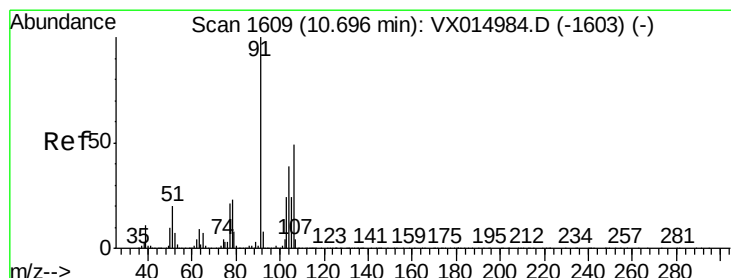
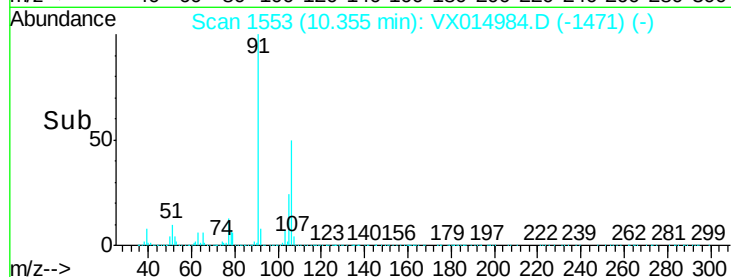
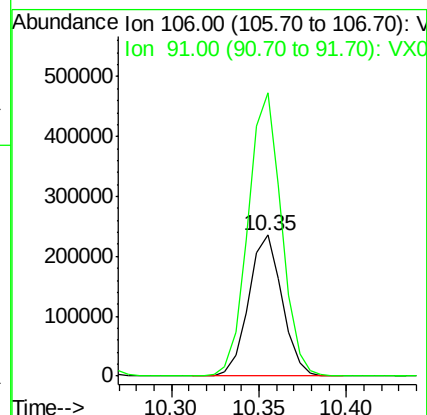
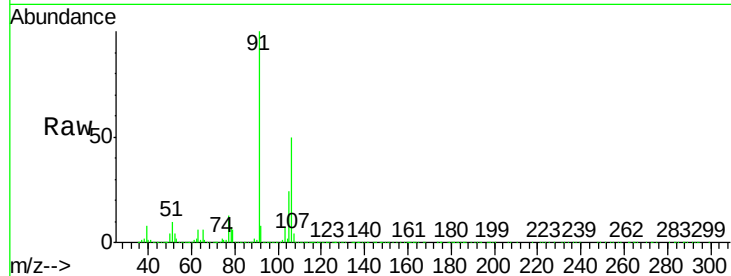




#67
m/p-Xylenes
Concen: 37.06 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

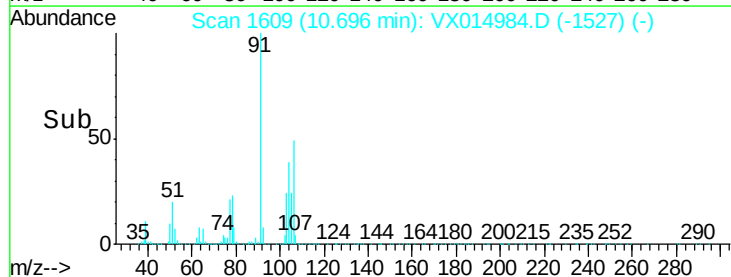
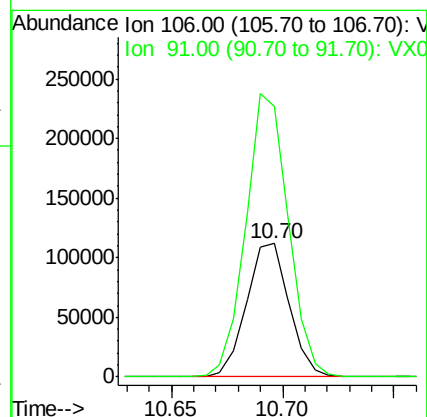
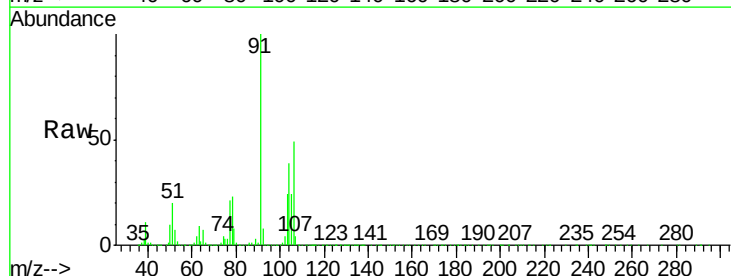
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

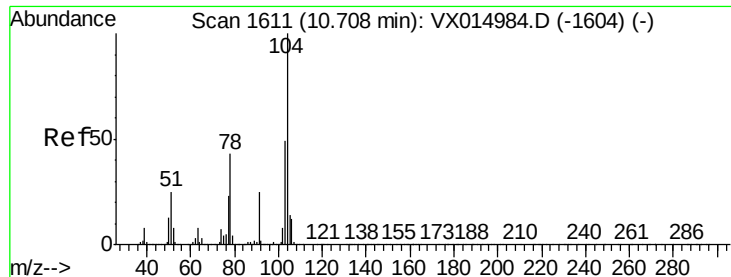
Tgt Ion:106 Resp: 312632
Ion Ratio Lower Upper
106 100
91 200.5 160.4 240.6



#68
o-Xylene
Concen: 18.31 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion:106 Resp: 150327
Ion Ratio Lower Upper
106 100
91 210.6 105.3 315.9





#69

Styrene

Concen: 18.19 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

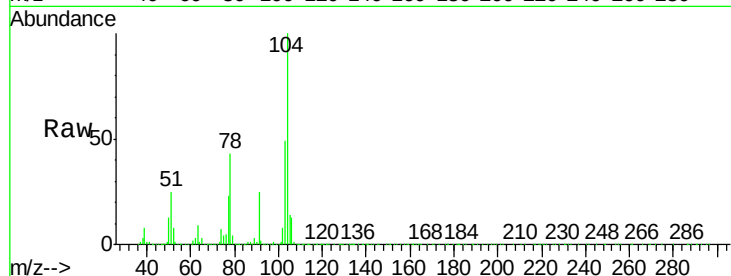
Tgt Ion:104 Resp: 253286

Ion Ratio Lower Upper

104 100

78 49.3 39.4 59.2

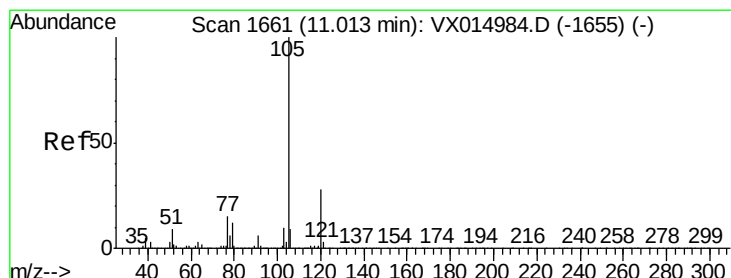
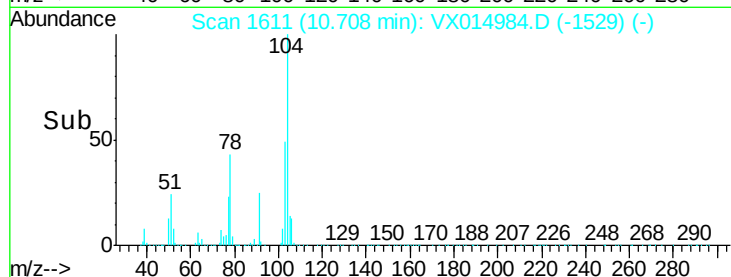
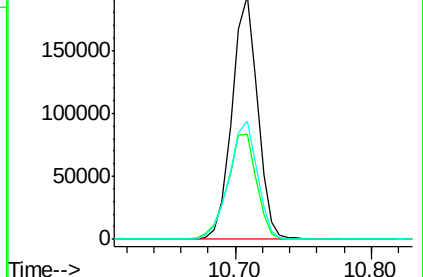
103 53.6 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.69 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014984.D

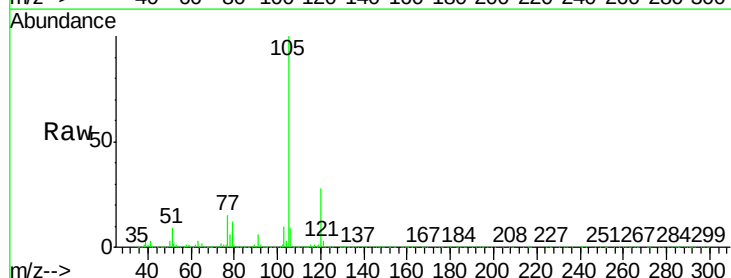
Acq: 21 Feb 2020 09:37

Tgt Ion:105 Resp: 403830

Ion Ratio Lower Upper

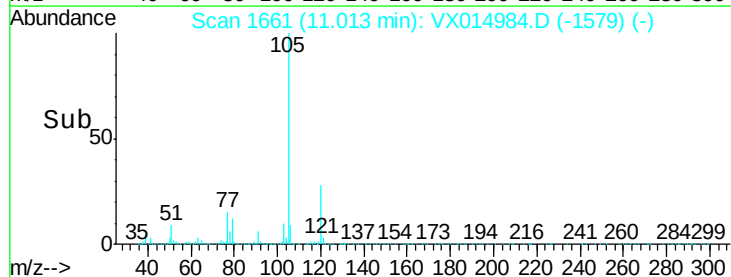
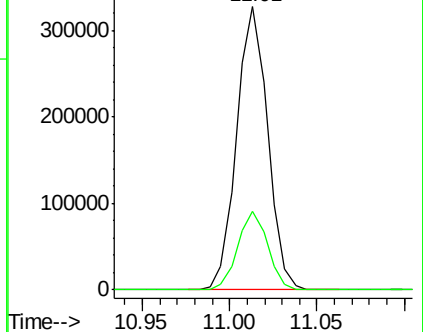
105 100

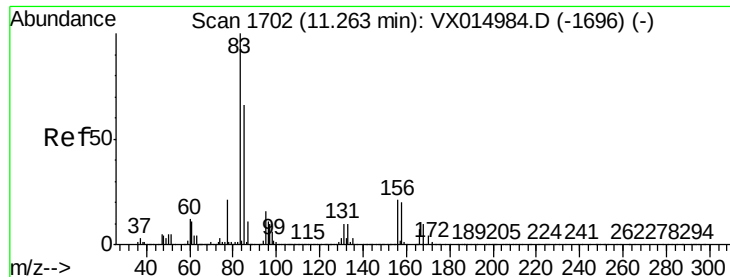
120 26.9 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.04 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

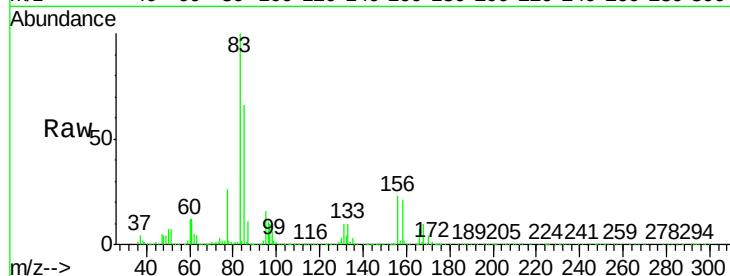
Tgt Ion: 83 Resp: 129821

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

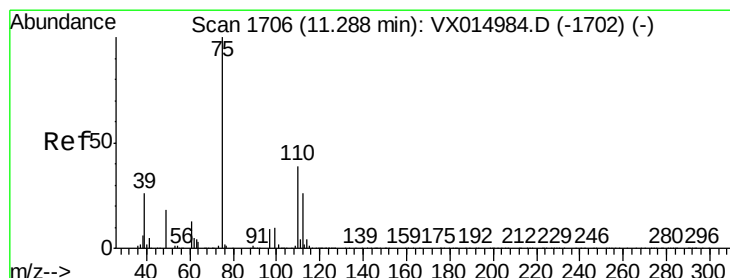
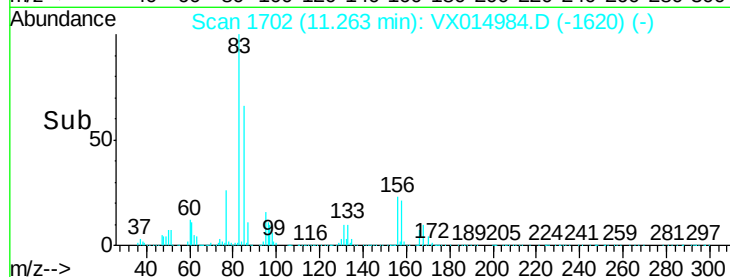
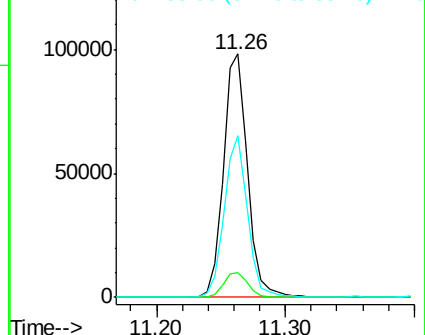
85 64.4 32.2 96.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.37 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX014984.D

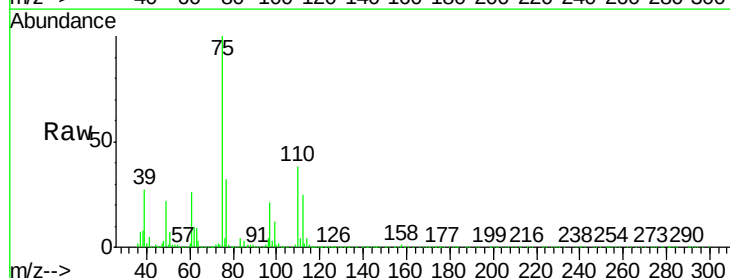
Acq: 21 Feb 2020 09:37

Tgt Ion: 75 Resp: 147165

Ion Ratio Lower Upper

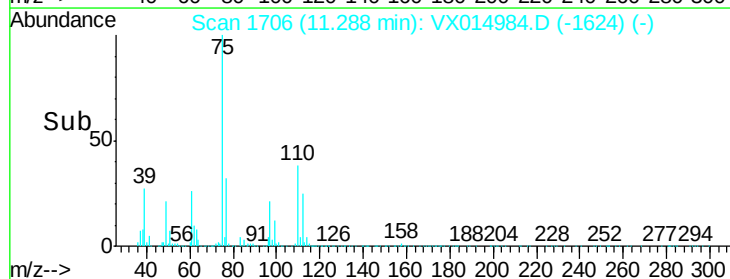
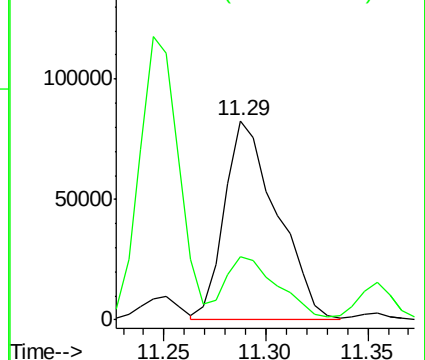
75 100

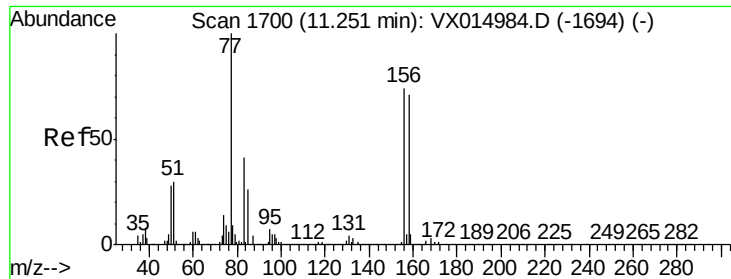
77 31.9 0.0 75.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.94 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

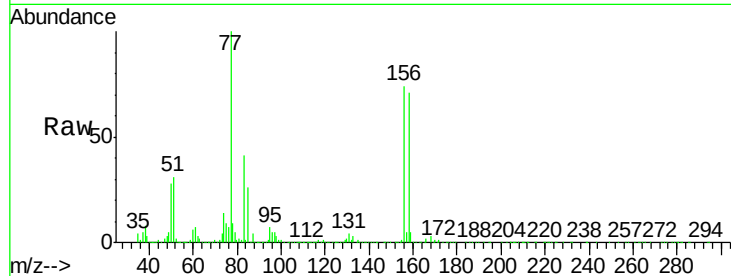
Tgt Ion: 156 Resp: 108837

Ion Ratio Lower Upper

156 100

77 143.4 0.0 286.8

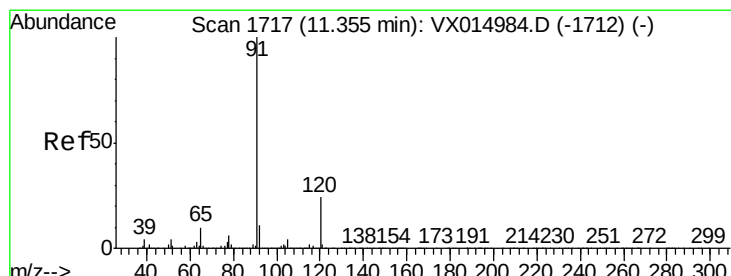
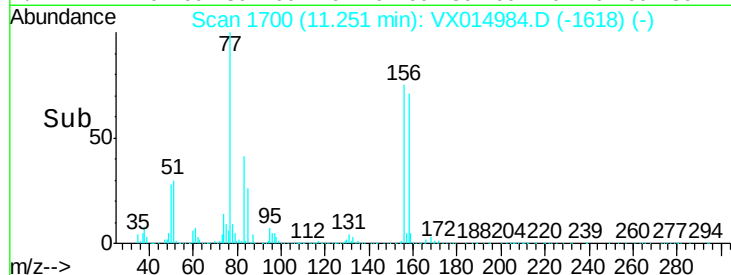
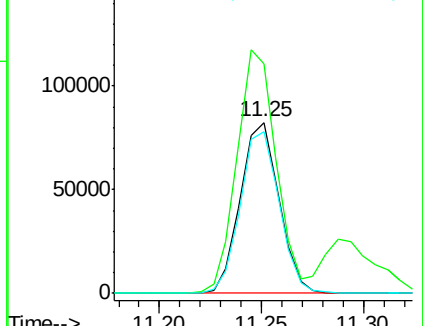
158 95.9 0.0 191.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.52 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014984.D

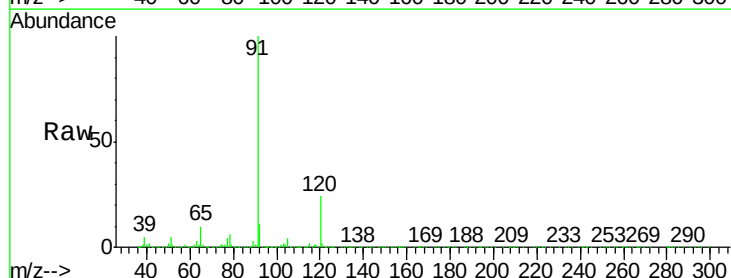
Acq: 21 Feb 2020 09:37

Tgt Ion: 91 Resp: 457699

Ion Ratio Lower Upper

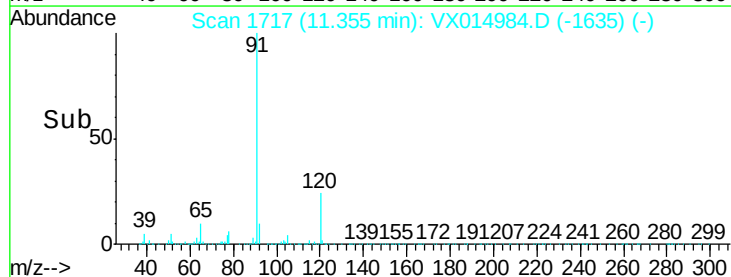
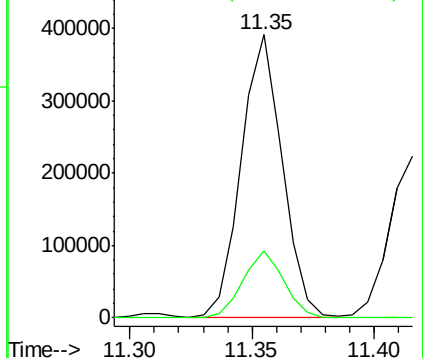
91 100

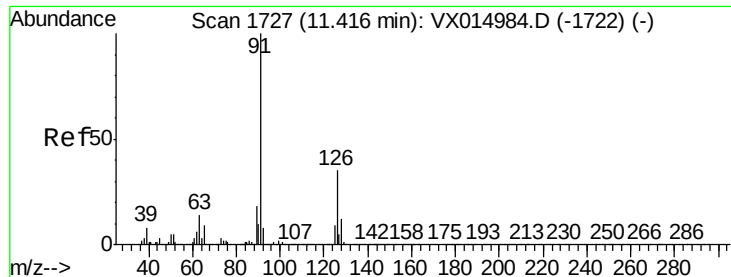
120 23.5 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.53 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

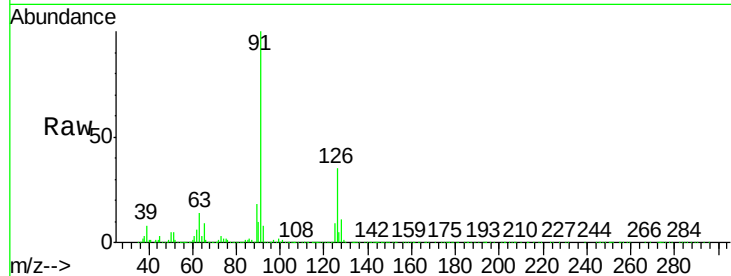
VSTDICCC020

Tgt Ion: 91 Resp: 274042

Ion Ratio Lower Upper

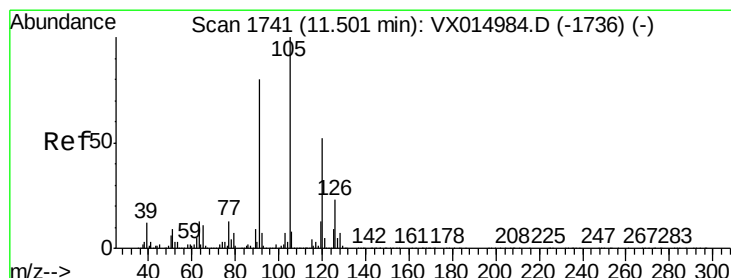
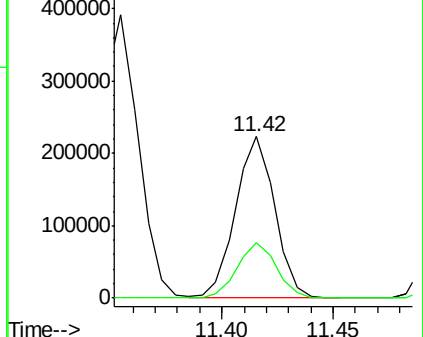
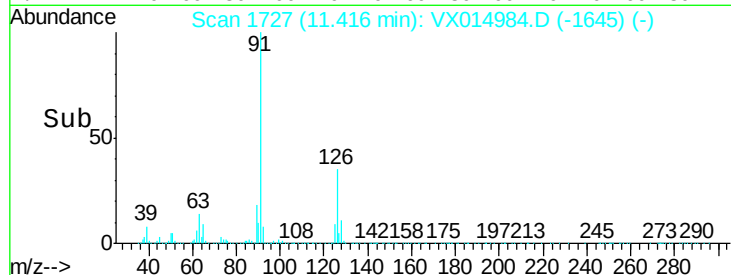
91 100

126 34.5 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.72 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014984.D

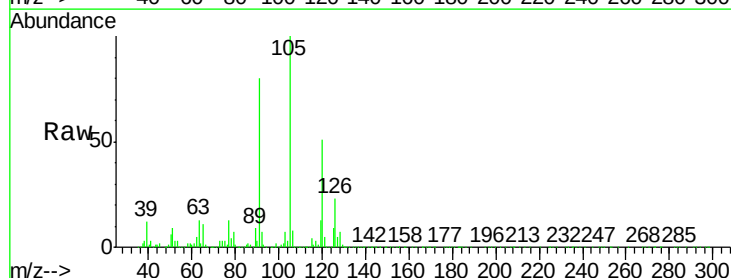
Acq: 21 Feb 2020 09:37

Tgt Ion: 105 Resp: 337365

Ion Ratio Lower Upper

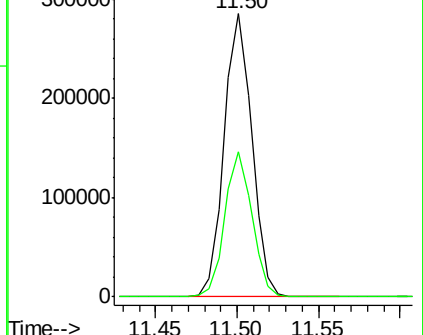
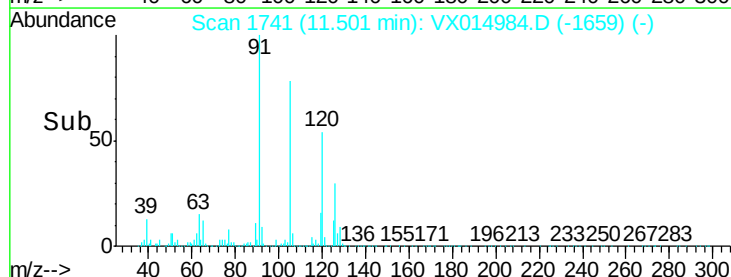
105 100

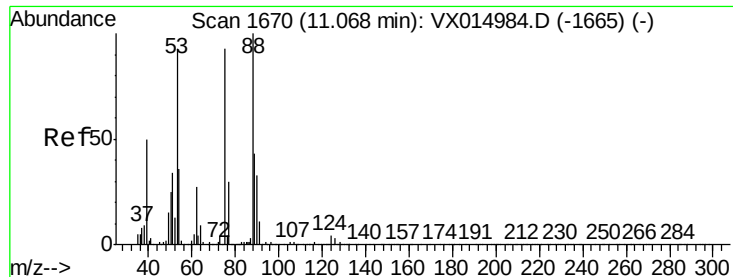
120 50.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.74 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

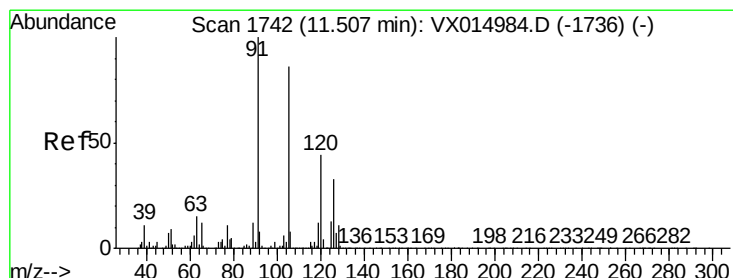
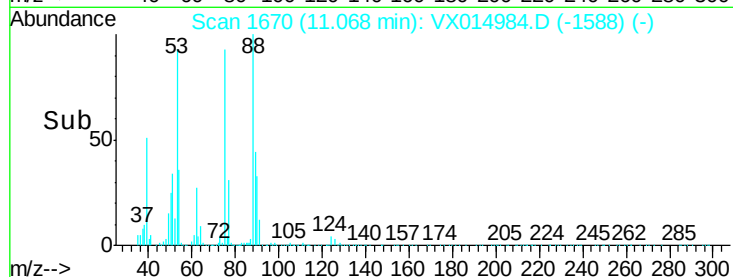
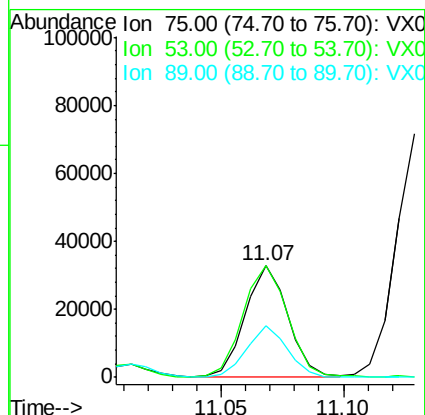
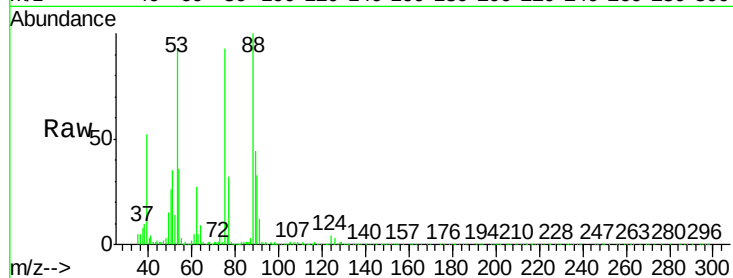
Tgt Ion: 75 Resp: 39856

Ion Ratio Lower Upper

75 100

53 99.9 50.0 149.8

89 47.0 23.5 70.5



#78

4-Chlorotoluene

Concen: 18.51 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014984.D

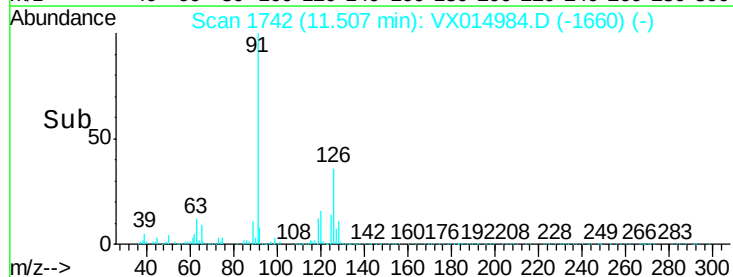
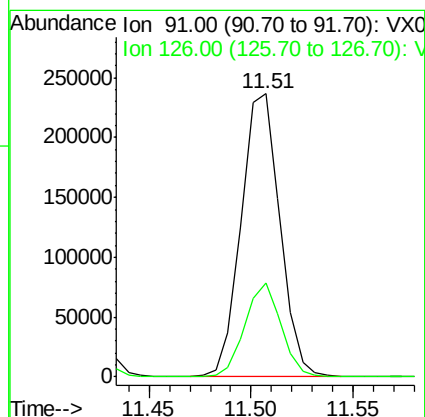
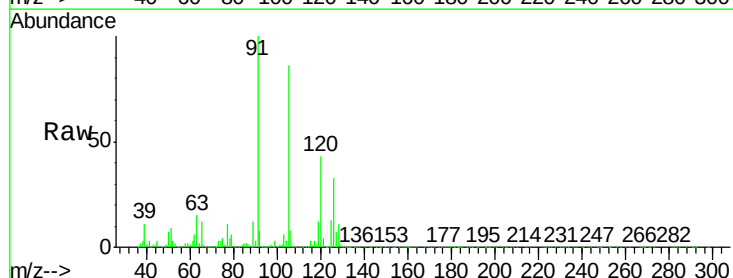
Acq: 21 Feb 2020 09:37

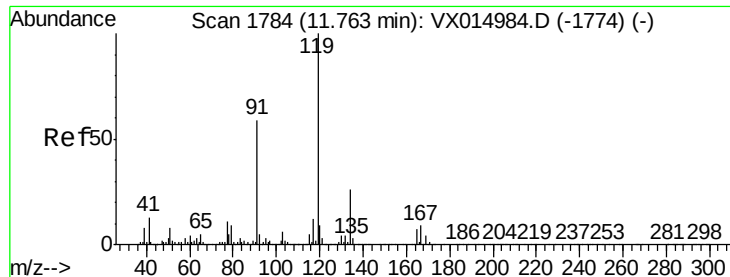
Tgt Ion: 91 Resp: 311161

Ion Ratio Lower Upper

91 100

126 31.0 0.0 62.0

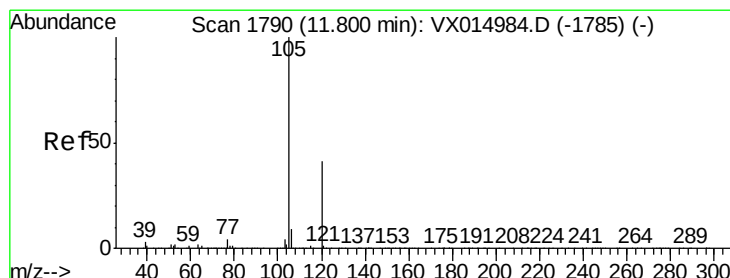
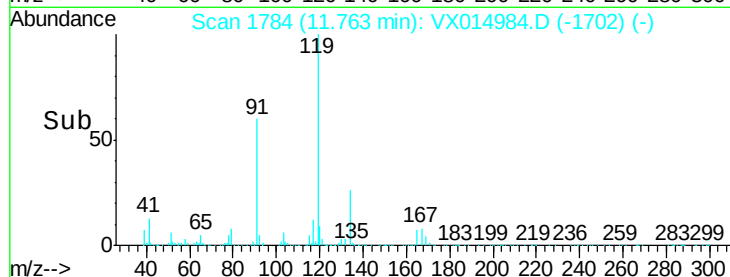
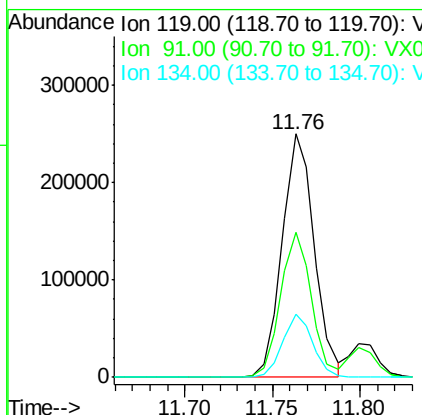
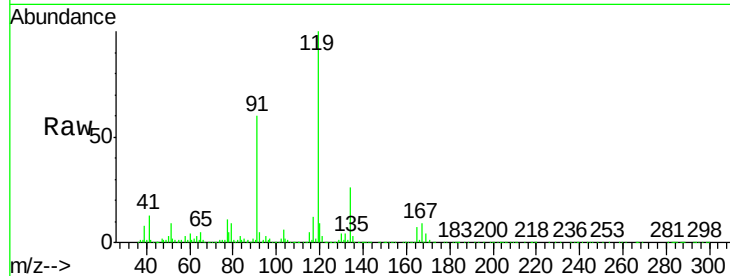




#79
tert-butylbenzene
Concen: 18.94 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

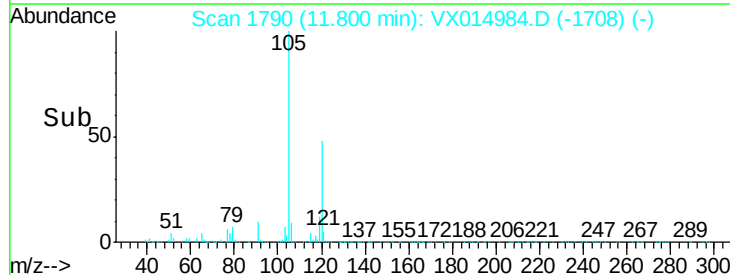
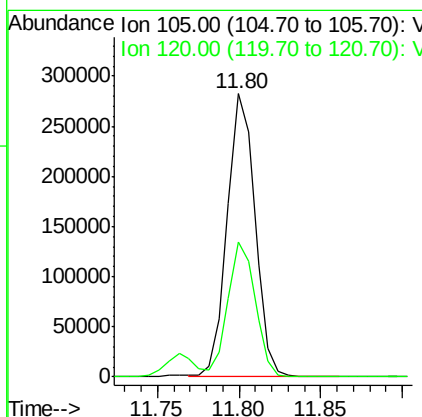
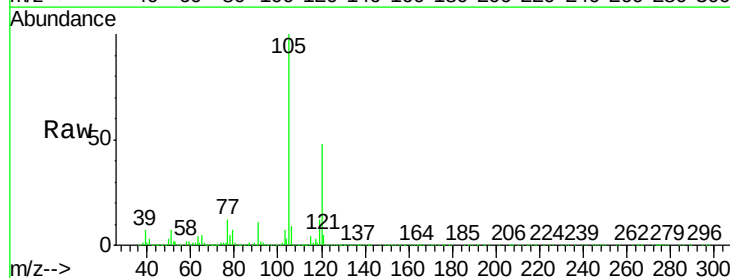
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

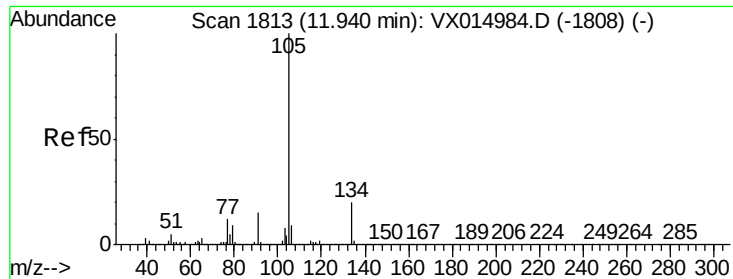
Tgt Ion:119 Resp: 321121
Ion Ratio Lower Upper
119 100
91 57.2 0.0 114.4
134 24.4 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.71 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion:105 Resp: 335402
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.4

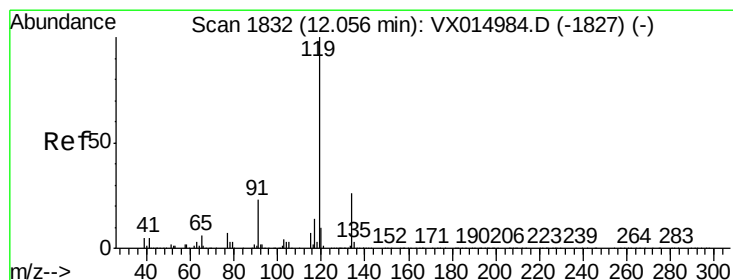
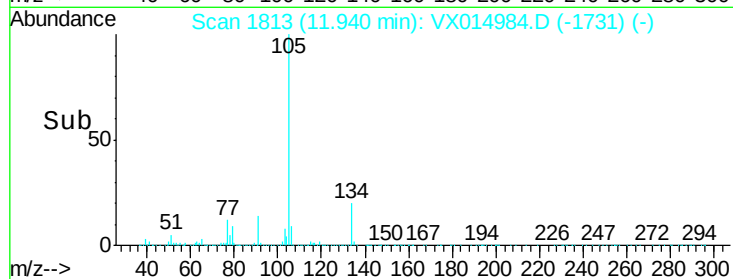
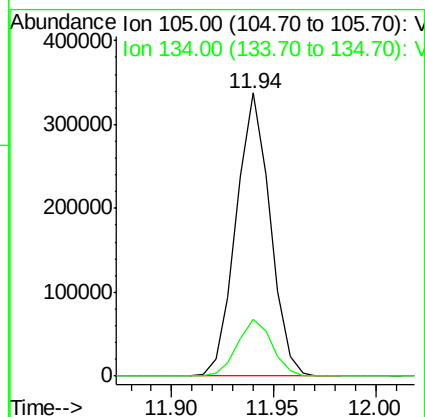
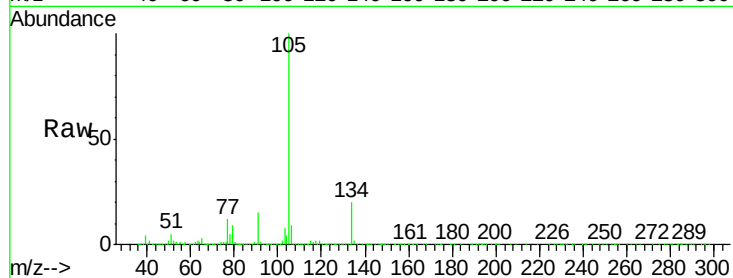




#81
 sec-Butylbenzene
 Concen: 18.57 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

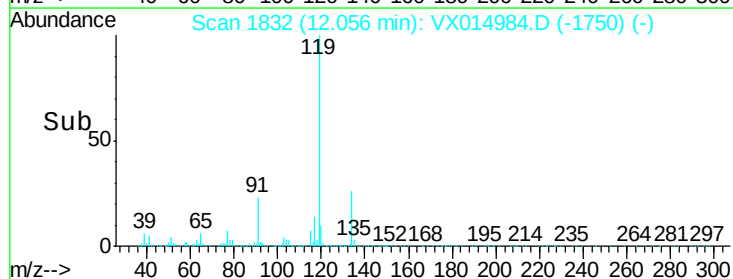
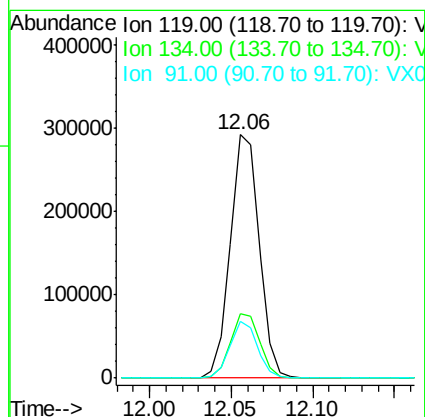
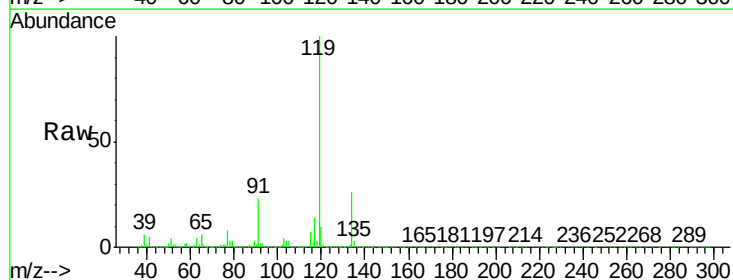
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

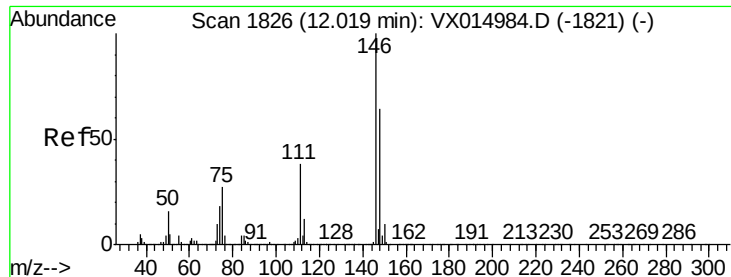
Tgt Ion:105 Resp: 388571
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 18.85 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion:119 Resp: 360442
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 22.3 0.0 44.6

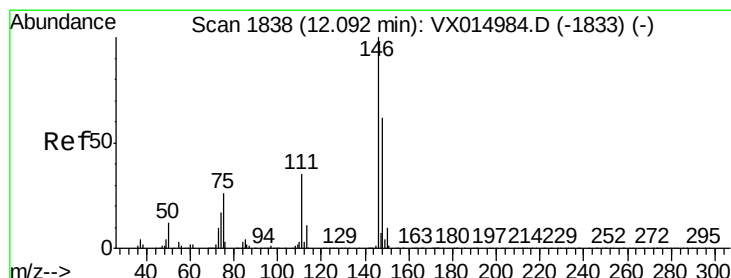
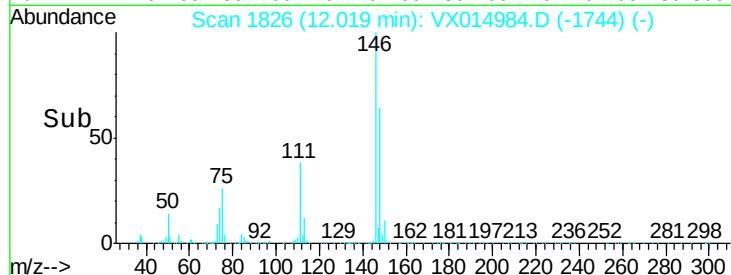
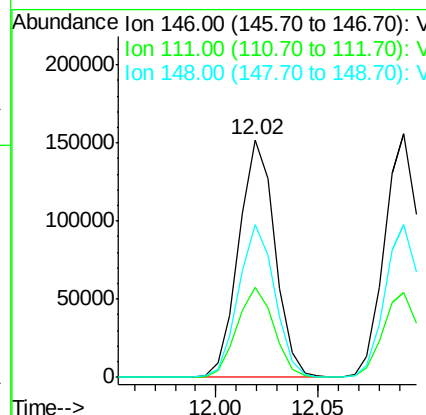
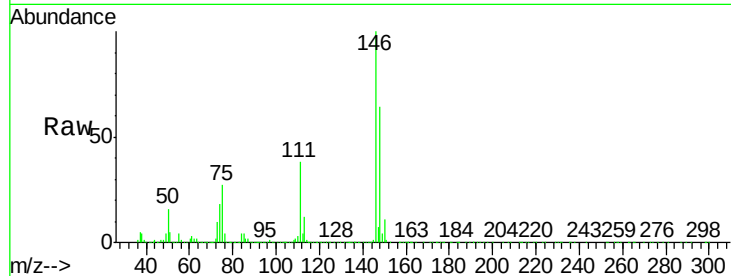




#83
 1,3-Dichlorobenzene
 Concen: 18.58 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

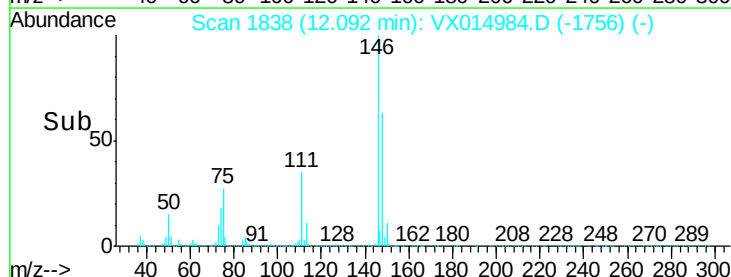
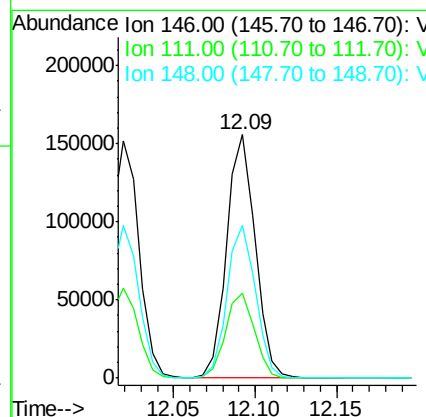
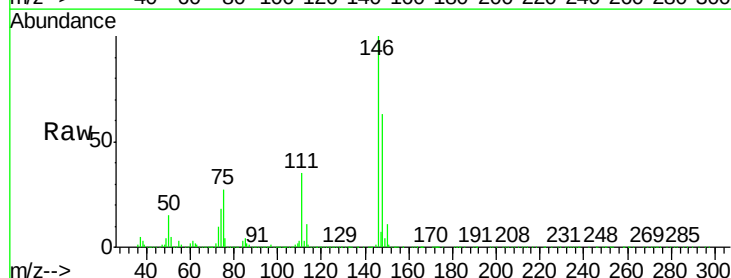
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

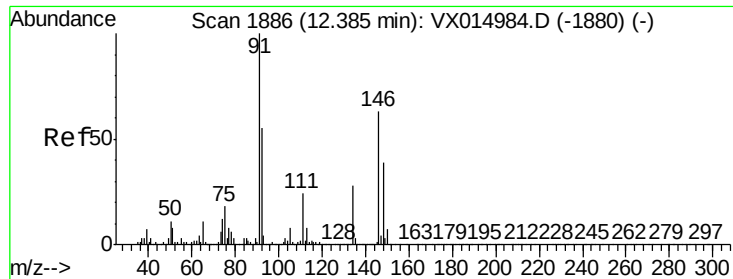
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.6	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 18.90 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.5
148	62.8	31.4	94.2

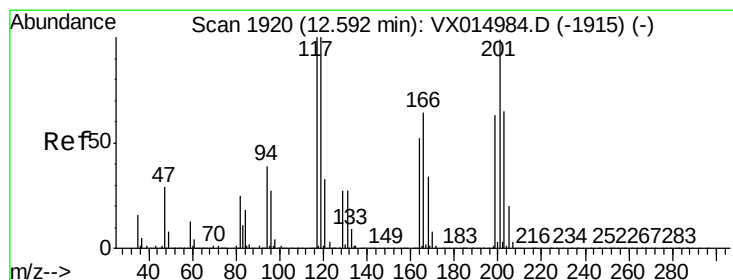
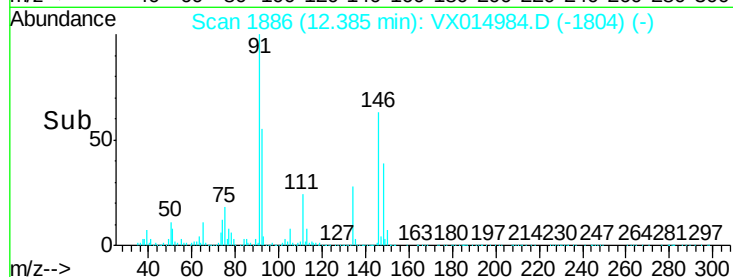
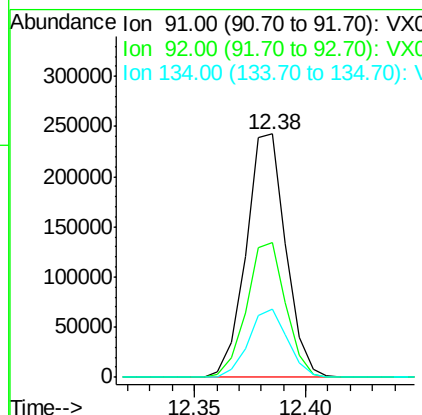
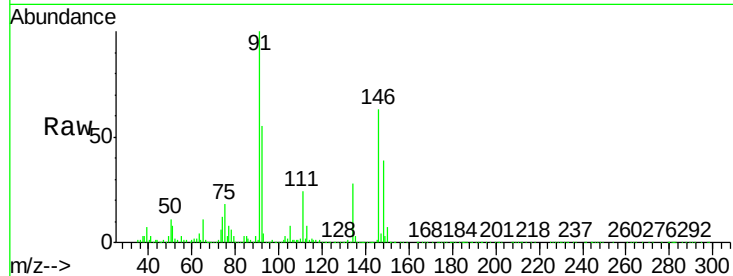




#85
n-Butylbenzene
Concen: 17.98 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

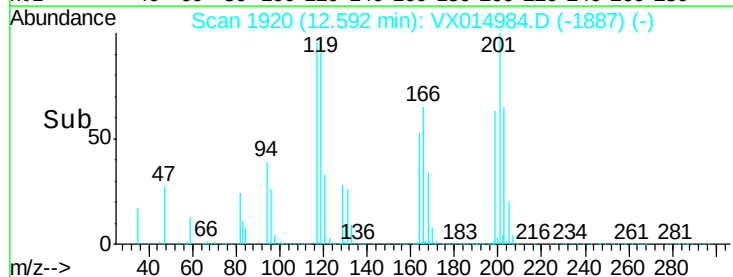
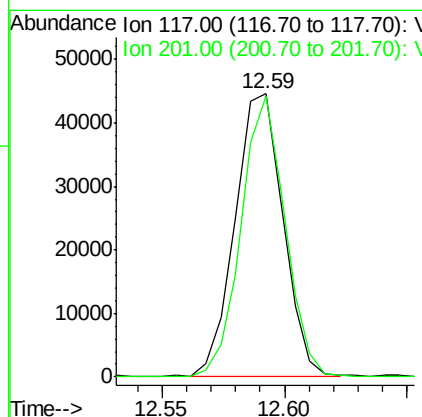
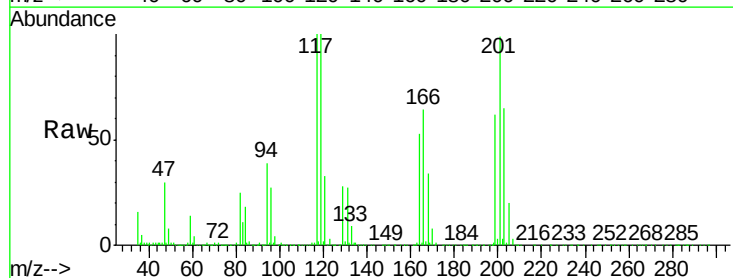
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

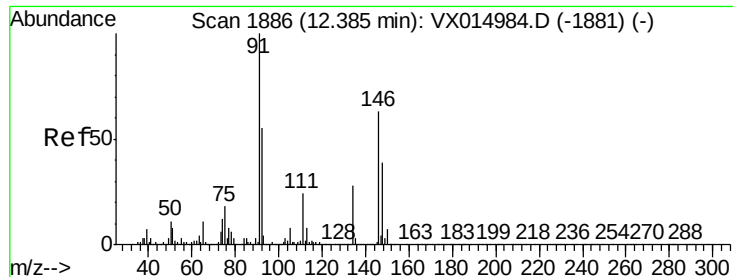
Tgt Ion: 91 Resp: 300881
Ion Ratio Lower Upper
91 100
92 54.9 0.0 109.8
134 27.4 0.0 54.8



#86
Hexachloroethane
Concen: 17.75 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion: 117 Resp: 60621
Ion Ratio Lower Upper
117 100
201 91.1 45.6 136.7

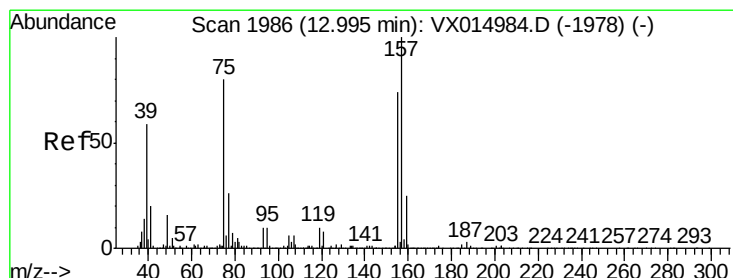
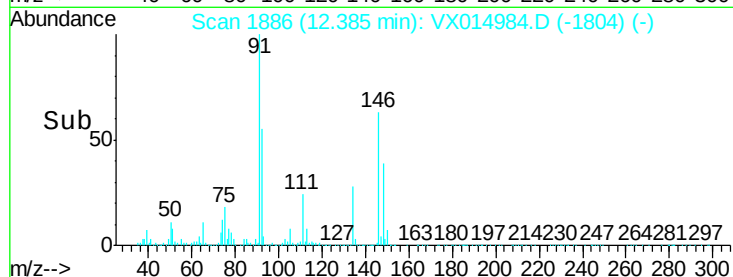
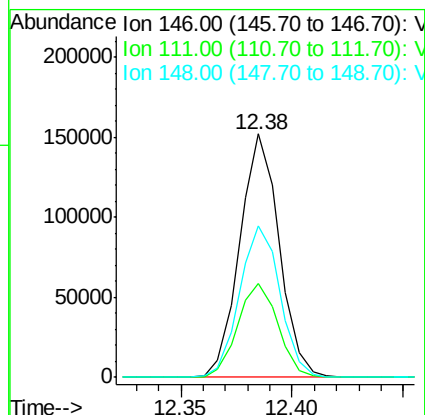
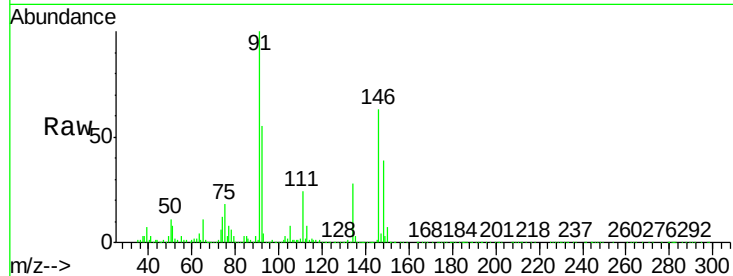




#87
 1,2-Dichlorobenzene
 Concen: 18.54 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

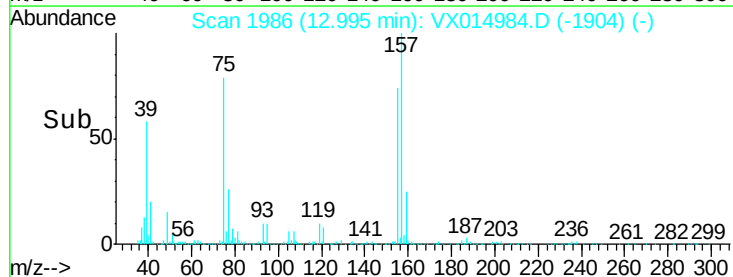
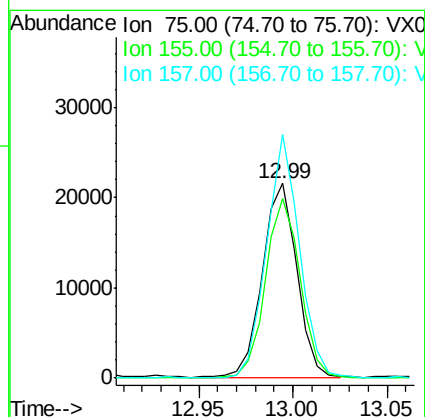
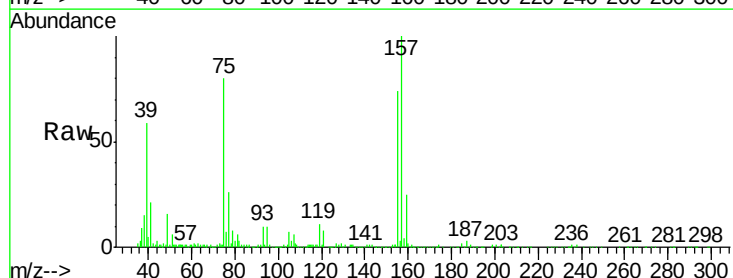
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

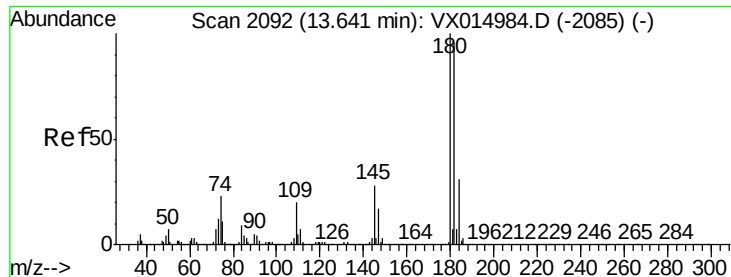
Tgt Ion: 146 Resp: 187076
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.0 32.0 96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.69 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 75 Resp: 27268
 Ion Ratio Lower Upper
 75 100
 155 93.1 74.5 111.7
 157 120.3 96.2 144.4

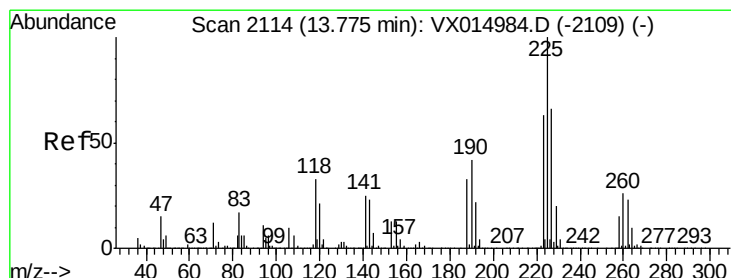
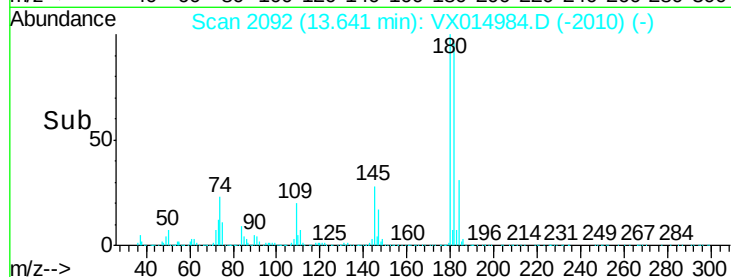
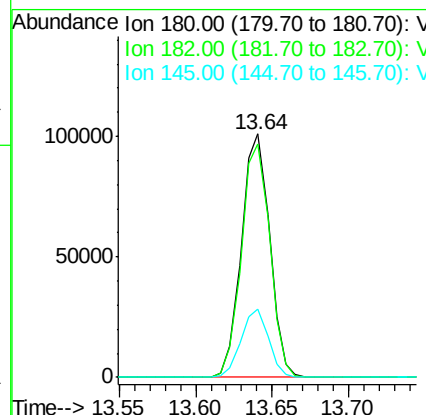
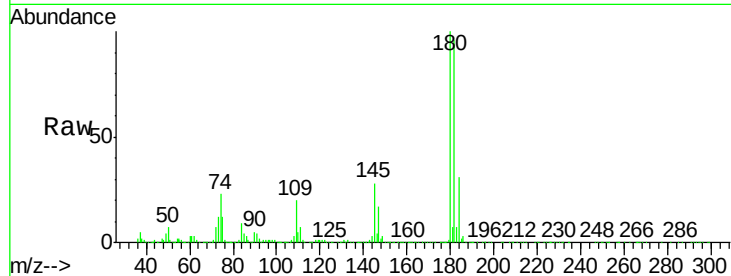




#89
 1,2,4-Trichlorobenzene
 Concen: 19.16 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

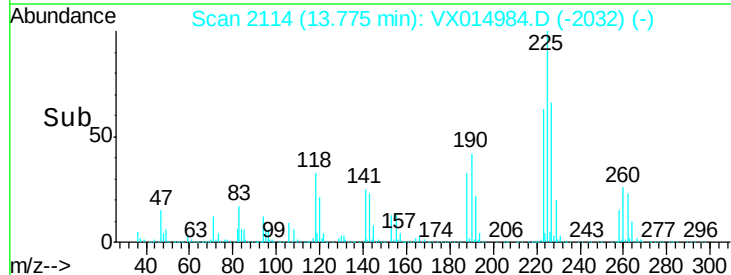
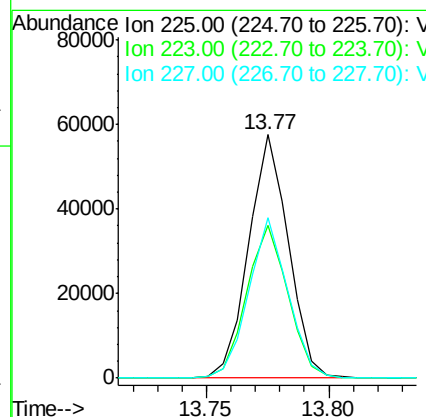
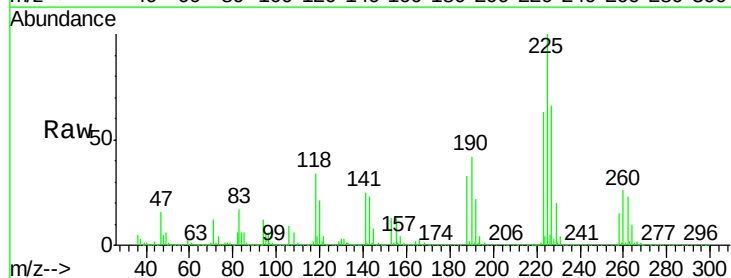
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

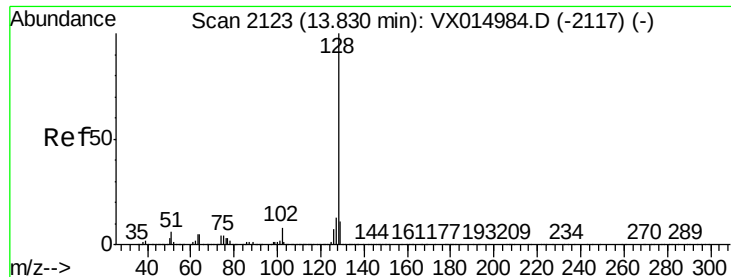
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	27.2	21.8	32.6



#90
 Hexachlorobutadiene
 Concen: 19.19 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	0.0	132.0
227	65.5	0.0	131.0

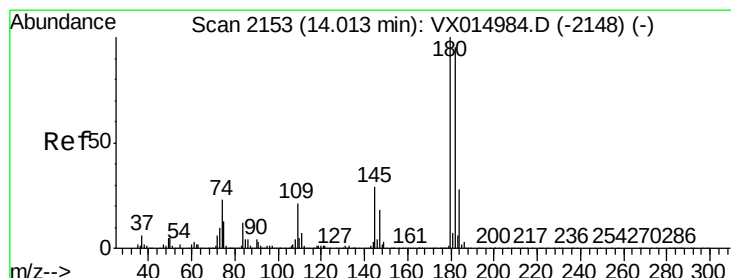
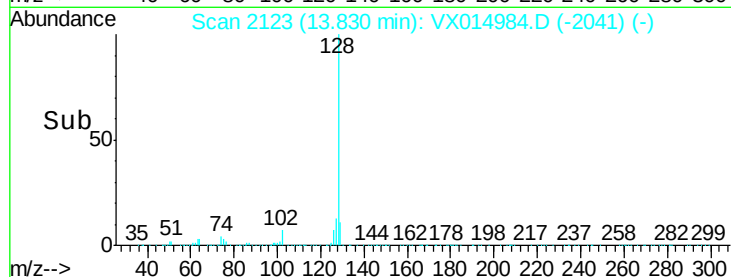
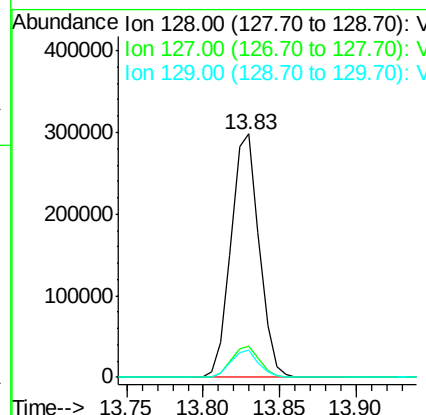
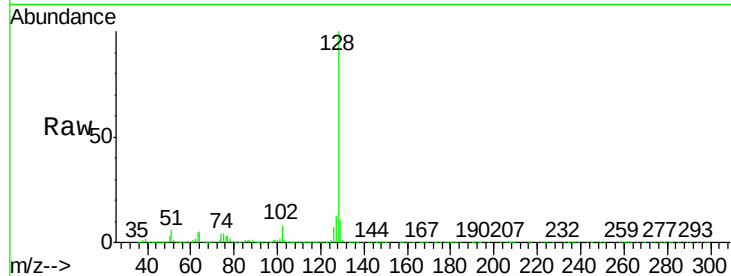




#91
Naphthalene
Concen: 18.79 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.04 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	192.4
145	30.2	0.0	60.4

