

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014996.D
 Acq On : 21 Feb 2020 16:39
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Feb 22 00:45:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	74666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	408243	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376414	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151923	29.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.53%
60) 4-Bromofluorobenzene	11.13	95	173317	29.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.53%
63) Toluene-d8	8.71	98	484351	29.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	60024	18.002	ug/l 97
3) Chloromethane	1.32	50	82058	19.033	ug/l 97
4) Vinyl Chloride	1.41	62	85448	18.415	ug/l 100
5) Bromomethane	1.64	94	59197	18.218	ug/l 100
6) Chloroethane	1.72	64	59810	19.243	ug/l 98
7) Trichlorofluoromethane	1.93	101	128472	19.024	ug/l 95
8) Diethyl Ether	2.18	74	54002	19.009	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76212	19.520	ug/l 98
10) 1,1-Dichloroethene	2.37	96	74463	18.971	ug/l 98
11) Methyl Iodide	2.50	142	71654	15.024	ug/l 96
12) Methyl Acetate	2.76	43	92738	18.987	ug/l 95
13) Acrolein	2.28	56	89380	92.012	ug/l 96
14) Acrylonitrile	3.12	53	211805	96.022	ug/l 100
15) Acetone	2.43	58	67624	85.665	ug/l 92
16) Carbon Disulfide	2.56	76	194137	18.395	ug/l 99
17) Allyl chloride	2.72	41	128439	18.811	ug/l 99
18) Methylene Chloride	2.85	84	86257	19.073	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	82516	19.140	ug/l 100
20) Diisopropyl ether	3.84	45	266614	19.120	ug/l 99
21) 1,1-Dichloroethane	3.69	63	145744	19.067	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	94123	19.078	ug/l 97
23) tert-Butyl Alcohol	3.02	59	80122	91.632	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	248874	19.058	ug/l 98
25) Chloroform	5.20	83	148118	19.216	ug/l 95
26) Cyclohexane	5.57	56	127810	18.708	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	111138	19.247	ug/l 98
30) 2-Butanone	4.65	43	305009	91.512	ug/l 99
31) 2,2-Dichloropropane	4.57	77	119342	18.822	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	122723	18.715	ug/l 99
33) Carbon Tetrachloride	5.78	117	108604	18.920	ug/l 99
34) Benzene	6.13	78	337110	19.348	ug/l 98
35) Methacrylonitrile	5.03	41	64337	18.923	ug/l 95
36) 1,2-Dichloroethane	6.18	62	120794	19.586	ug/l 97
37) Trichloroethene	7.20	130	93500	19.112	ug/l 94
38) Methylcyclohexane	7.45	83	138899	19.406	ug/l 99
39) 1,2-Dichloropropane	7.50	63	85261	19.010	ug/l 96
40) Dibromomethane	7.65	93	57064	19.054	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	111373	18.826	ug/l	95
42) Vinyl Acetate	3.80	43	1124500	95.854	ug/l	99
43) Ethyl Acetate	4.81	43	115762	19.196	ug/l	99
44) Isopropyl Acetate	6.43	43	189750	18.717	ug/l	100
45) 1,4-Dioxane	7.72	88	34232	365.430	ug/l	94
46) Methyl methacrylate	7.76	41	92673	18.478	ug/l	96
47) n-amyl Acetate	10.89	43	159471	18.158	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	121196	18.465	ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	136537	18.895	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	84995	19.050	ug/l	96
51) Ethyl methacrylate	9.17	69	128484	18.657	ug/l	95
52) 1,3-Dichloropropane	9.36	76	143664	19.034	ug/l	99
53) Dibromochloromethane	9.57	129	91376	18.942	ug/l	100
54) 1,2-Dibromoethane	9.67	107	91119	19.235	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	360392	98.245	ug/l	100
56) Bromoform	10.85	173	69461	18.369	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	582439	94.415	ug/l	99
59) 2-Hexanone	9.48	43	449618	93.281	ug/l	99
61) Tetrachloroethene	9.33	164	96746	19.136	ug/l	98
62) Toluene	8.78	91	366597	19.014	ug/l	100
64) Chlorobenzene	10.13	112	232646	18.905	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	86086	18.885	ug/l	98
66) Ethyl Benzene	10.25	91	404672	19.054	ug/l	100
67) m/p-Xylenes	10.35	106	311852	38.078	ug/l	99
68) o-Xylene	10.69	106	148071	18.686	ug/l	100
69) Styrene	10.71	104	251928	18.615	ug/l	99
70) Isopropylbenzene	11.01	105	402151	19.105	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	127803	18.858	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	145723	25.922	ug/l	92
73) Bromobenzene	11.25	156	105405	18.533	ug/l	96
74) n-propylbenzene	11.35	91	463602	19.351	ug/l	100
75) 2-Chlorotoluene	11.42	91	269817	19.058	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	335990	19.046	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	38629	17.041	ug/l	97
78) 4-Chlorotoluene	11.51	91	314562	19.209	ug/l	100
79) tert-butylbenzene	11.76	119	322721	18.936	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	334071	19.049	ug/l	100
81) sec-Butylbenzene	11.94	105	395466	19.376	ug/l	98
82) p-Isopropyltoluene	12.06	119	365320	19.266	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	195186	19.577	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	191680	19.091	ug/l	97
85) n-Butylbenzene	12.38	91	326865	19.810	ug/l	99
86) Hexachloroethane	12.59	117	62170	18.139	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	189438	19.094	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	25975	17.598	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	137836	19.319	ug/l	99
90) Hexachlorobutadiene	13.78	225	70626	19.932	ug/l	95
91) Naphthalene	13.83	128	378080	18.718	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	136663	19.293	ug/l	99

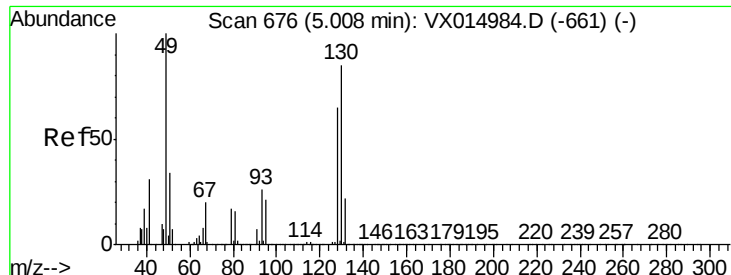
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

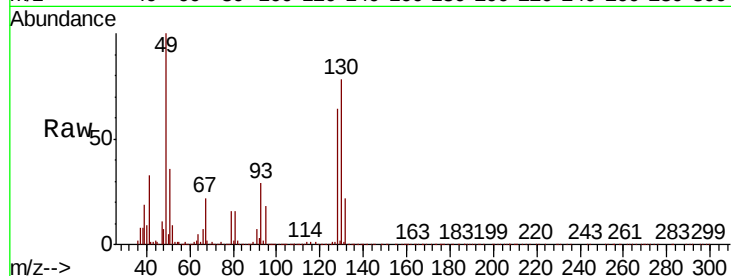
Tot Ion:128 Resp: 74666

Ion Ratio Lower Upper

128 100

49 152.2 0.0 384.7

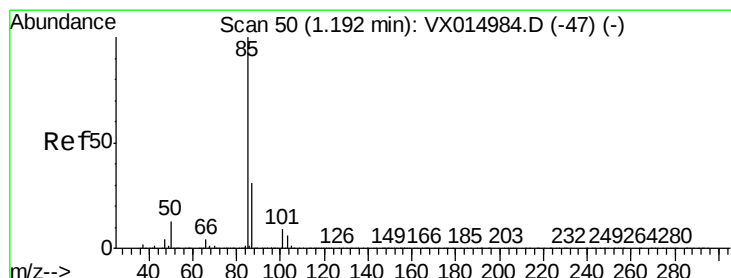
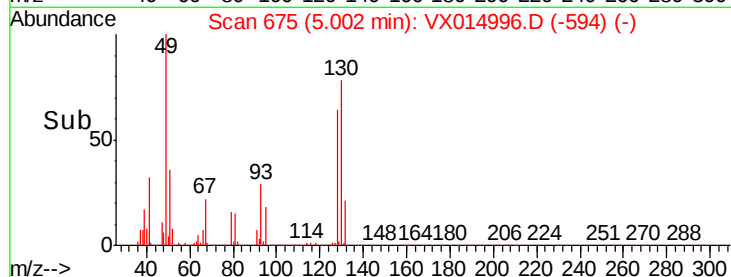
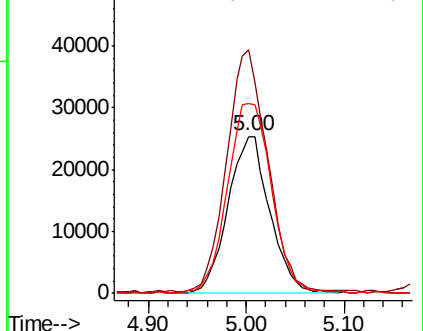
130 126.6 0.0 330.8



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: 18.002 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014996.D

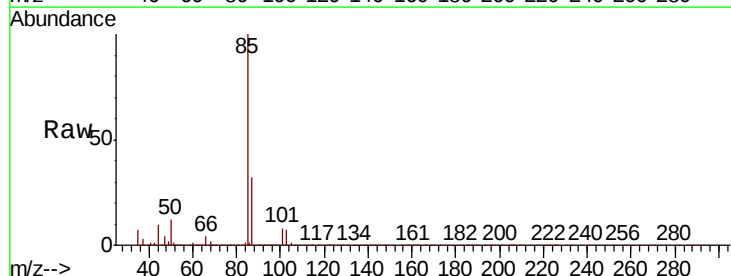
Acq: 21 Feb 2020 16:39

Tgt Ion: 85 Resp: 60024

Ion Ratio Lower Upper

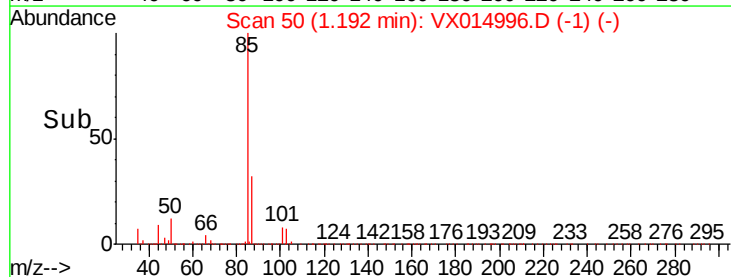
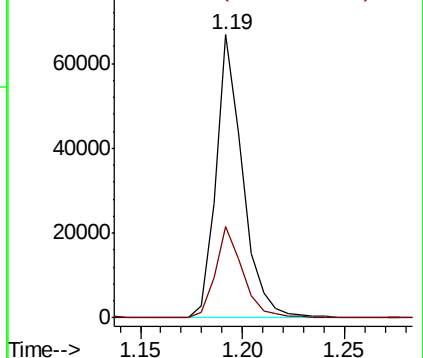
85 100

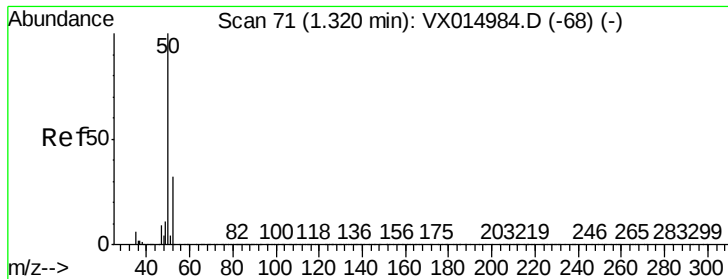
87 32.3 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

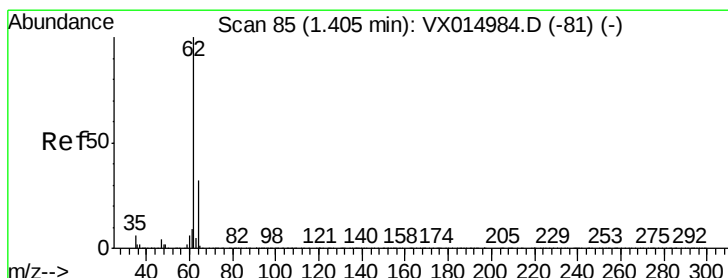
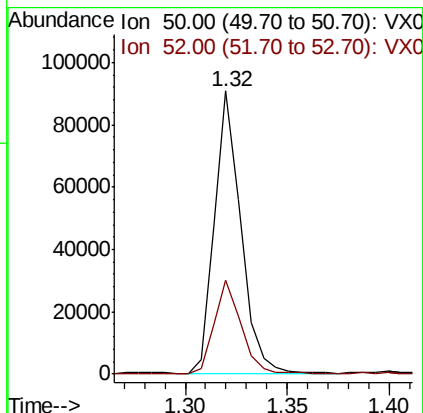
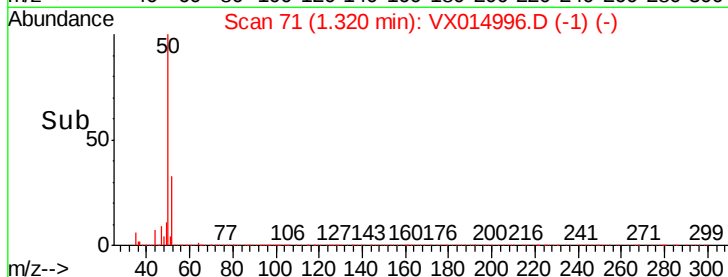
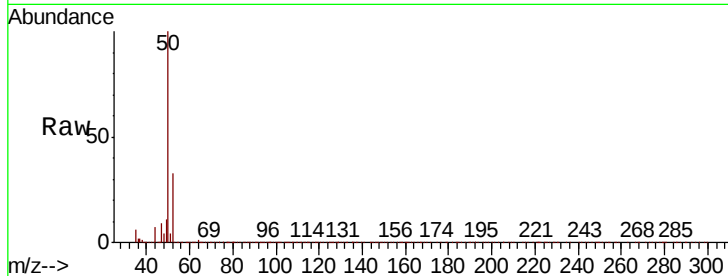




#3
Chloromethane
Concen: 19.033 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

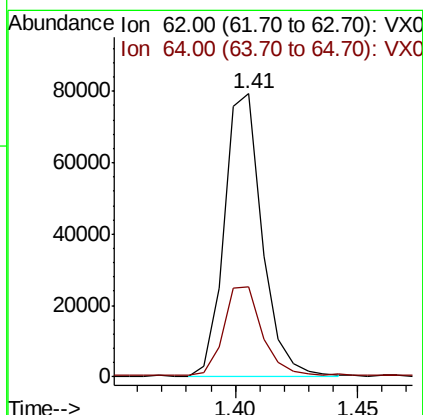
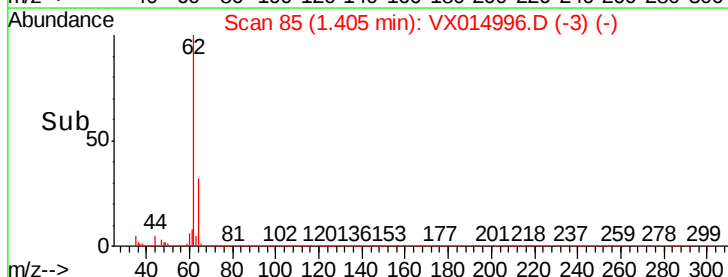
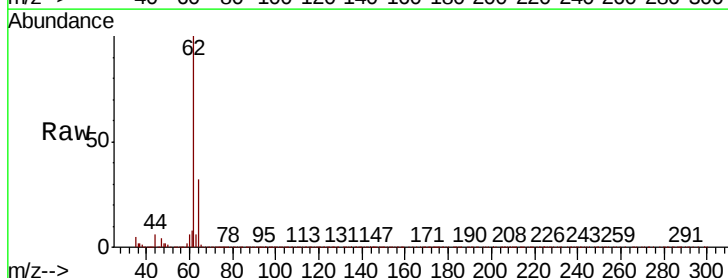
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

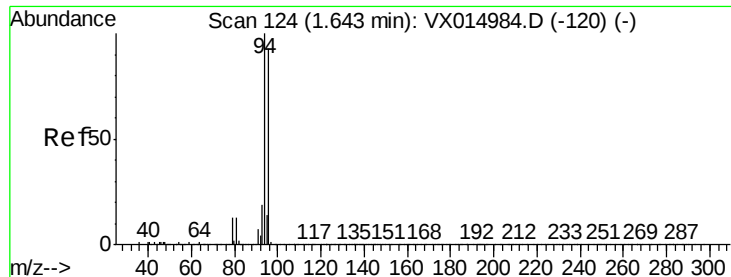
Tot Ion: 50 Resp: 82058
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0



#4
Vinyl Chloride
Concen: 18.415 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 62 Resp: 85448
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5

Bromomethane

Concen: 18.218 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

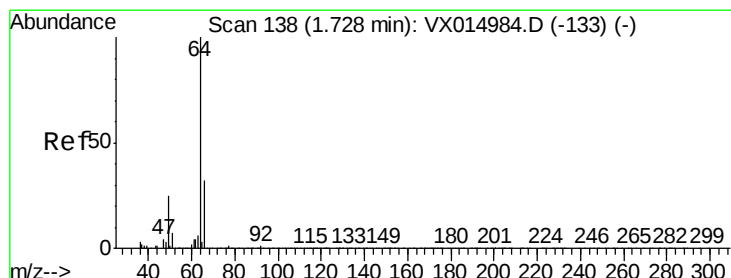
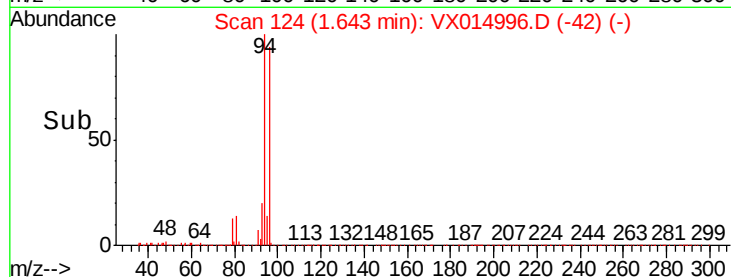
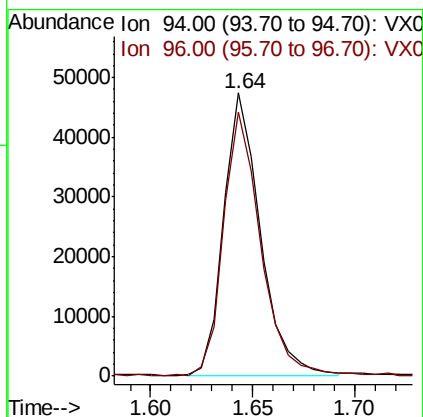
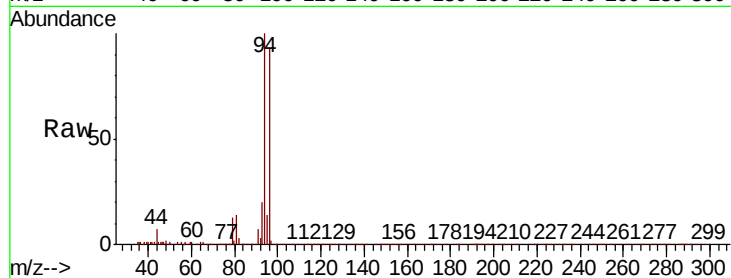
VSTDCCC020EC

Tot Ion: 94 Resp: 59197

Ion Ratio Lower Upper

94 100

96 93.3 74.6 112.0



#6

Chloroethane

Concen: 19.243 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014996.D

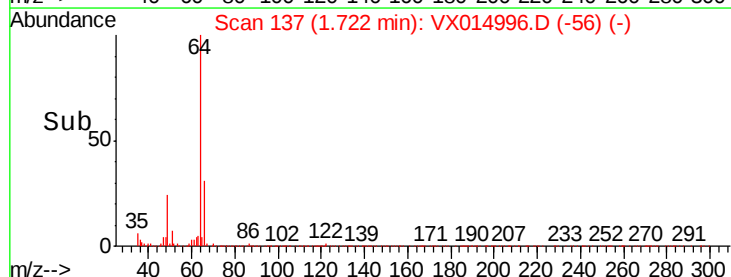
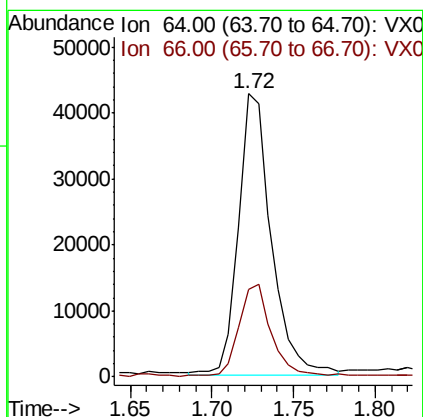
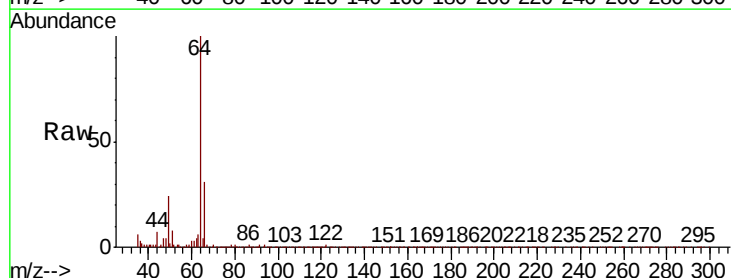
Acq: 21 Feb 2020 16:39

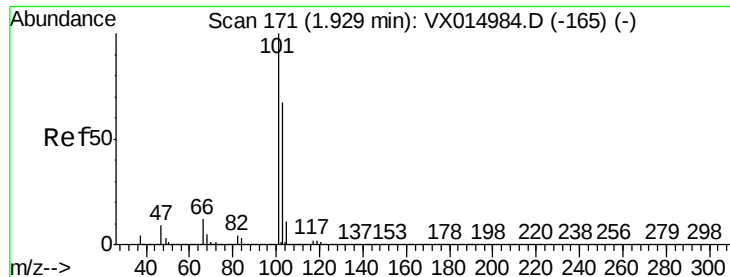
Tgt Ion: 64 Resp: 59810

Ion Ratio Lower Upper

64 100

66 30.9 25.8 38.6



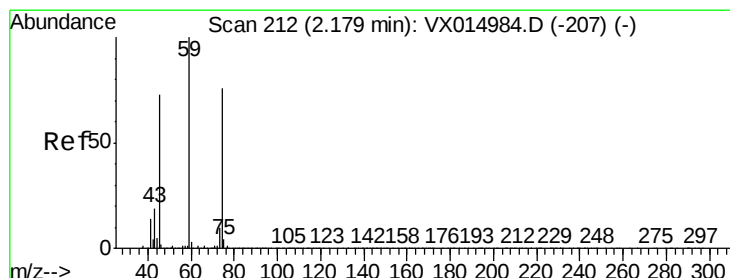
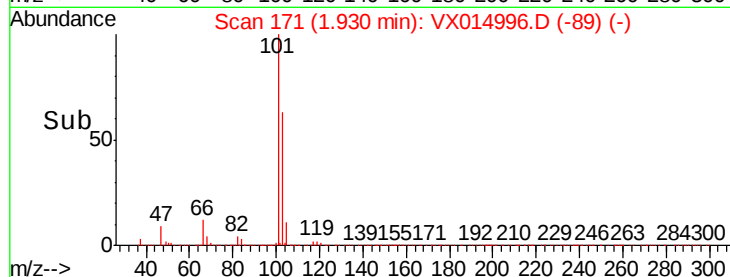
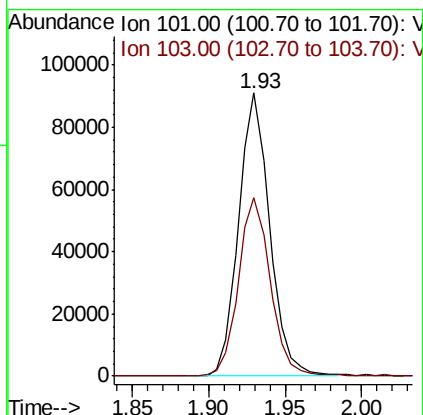
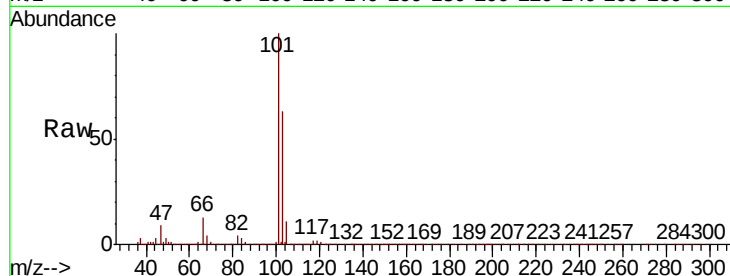


#7

Trichlorofluoromethane
Concen: 19.024 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014996.D
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Instrument :
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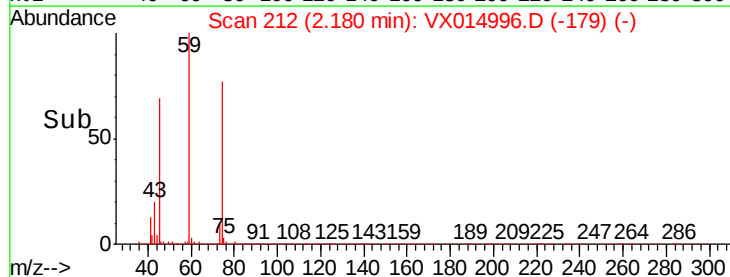
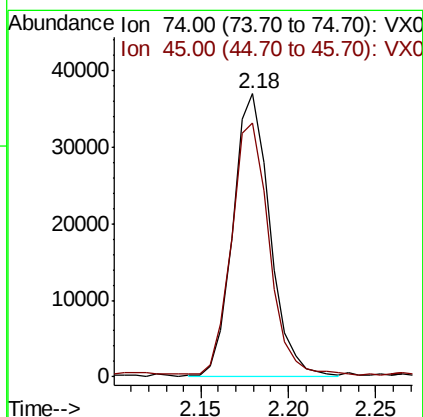
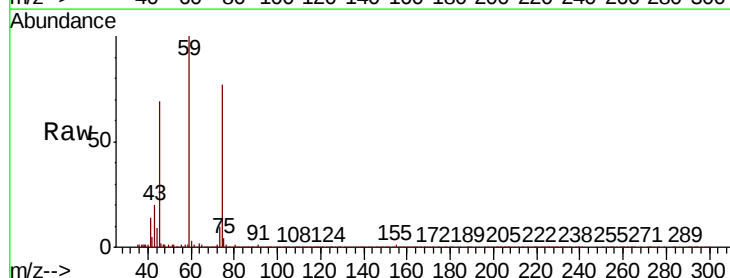
Tot Ion:101 Resp: 128472
Ion Ratio Lower Upper
101 100
103 63.2 53.4 80.2

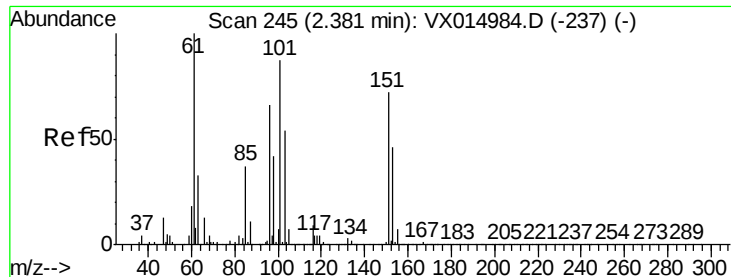


#8

Diethyl Ether
Concen: 19.009 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 74 Resp: 54002
Ion Ratio Lower Upper
74 100
45 91.3 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.520 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

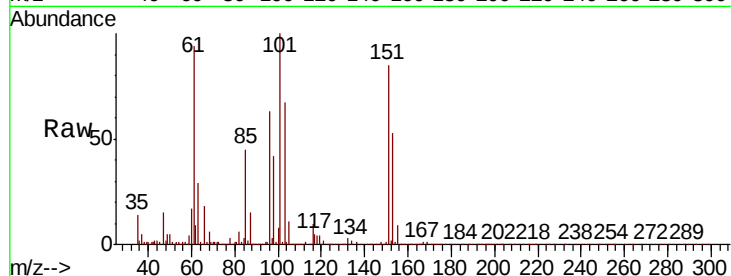
Tot Ion:101 Resp: 76212

Ion Ratio Lower Upper

101 100

85 40.8 0.0 86.6

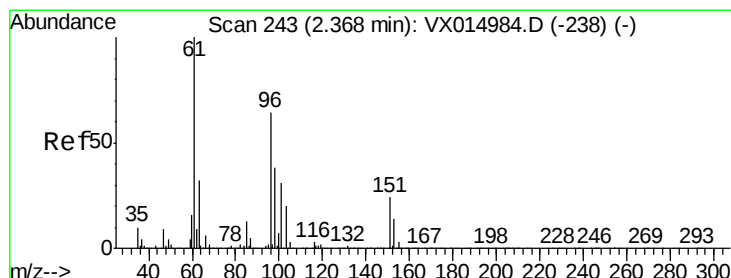
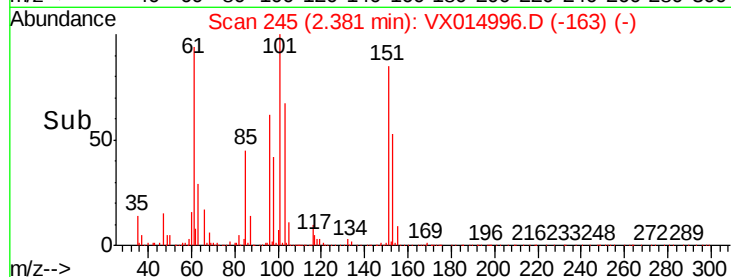
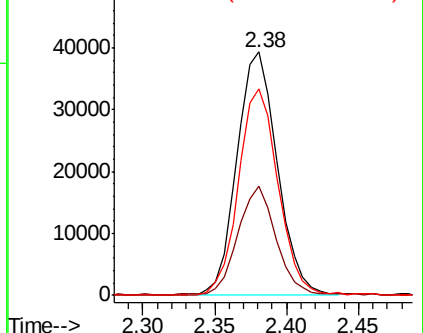
151 83.2 0.0 167.4



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: 18.971 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

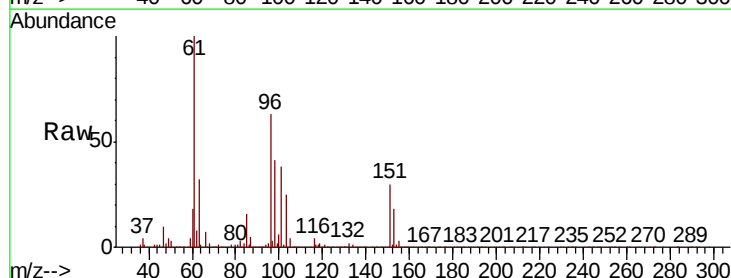
Tgt Ion: 96 Resp: 74463

Ion Ratio Lower Upper

96 100

61 157.1 126.1 189.1

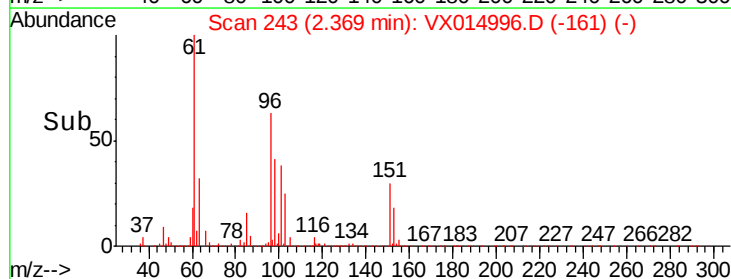
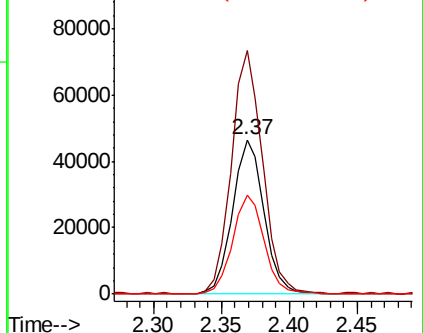
98 63.8 48.2 72.2

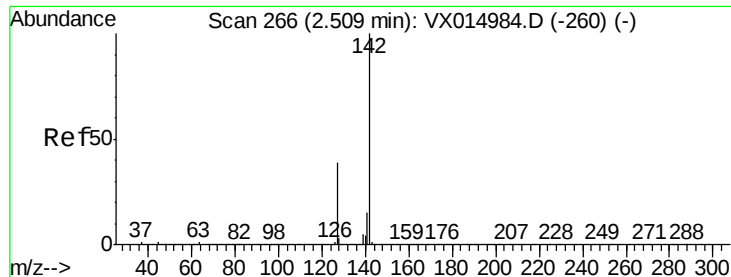


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

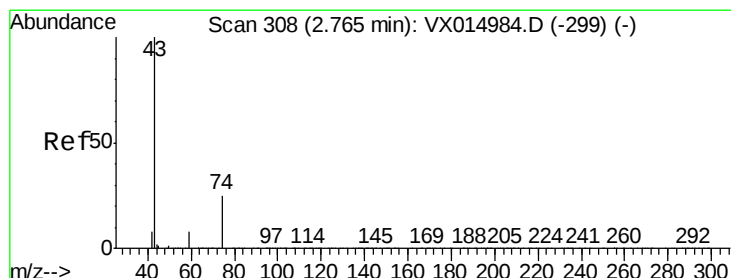
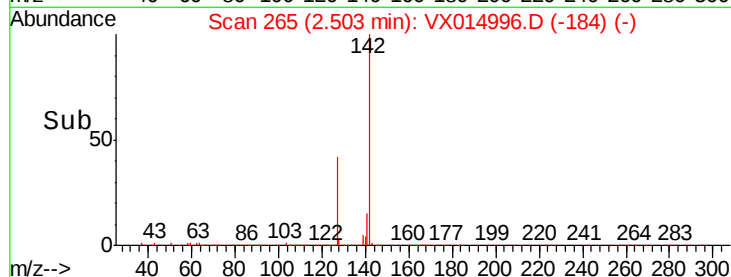
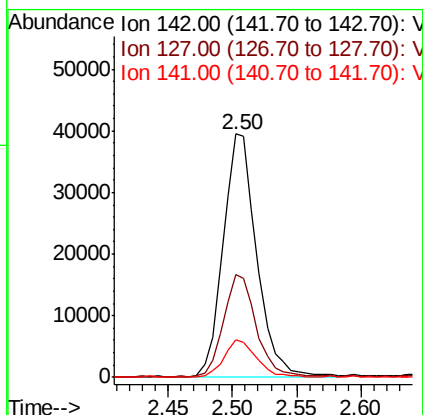
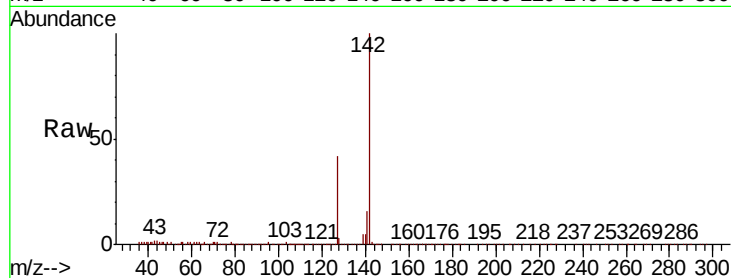




#11
Methvl Iodide
Concen: 15.024 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

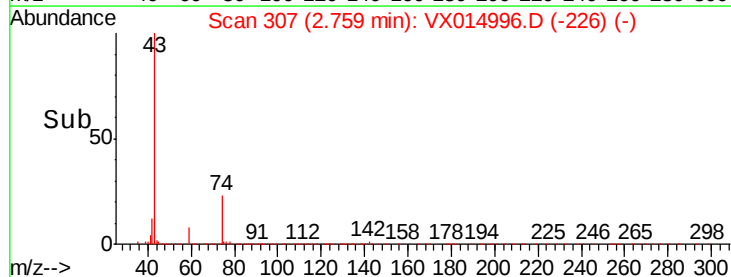
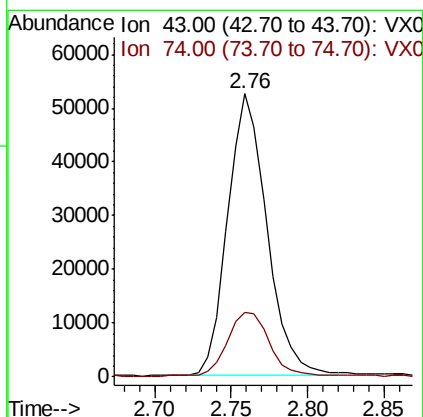
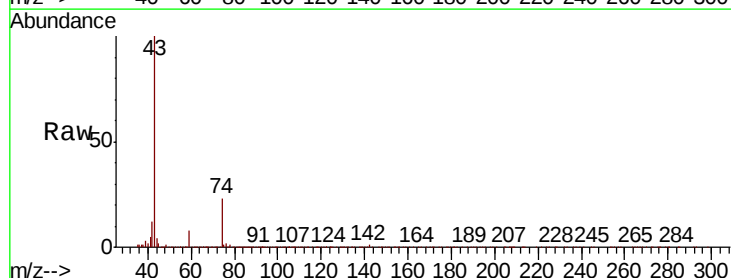
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

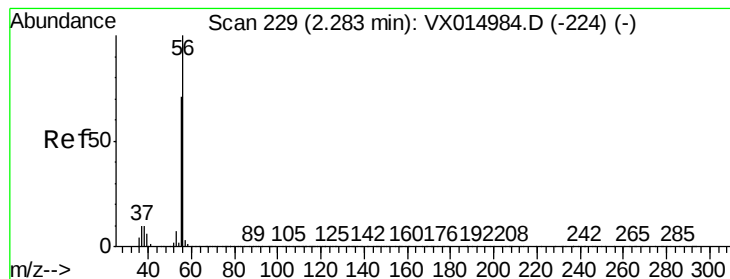
Tot Ion:142 Resp: 71654
Ion Ratio Lower Upper
142 100
127 42.1 19.7 59.0
141 15.6 7.4 22.2



#12
Methyl Acetate
Concen: 18.987 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 43 Resp: 92738
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.8





#13

Acrolein

Concen: 92.012 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

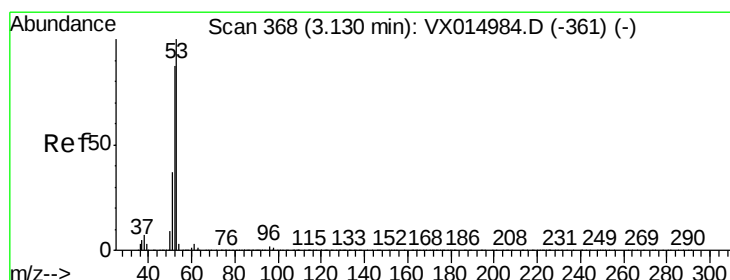
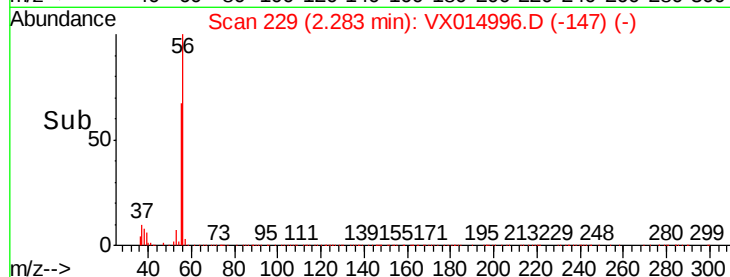
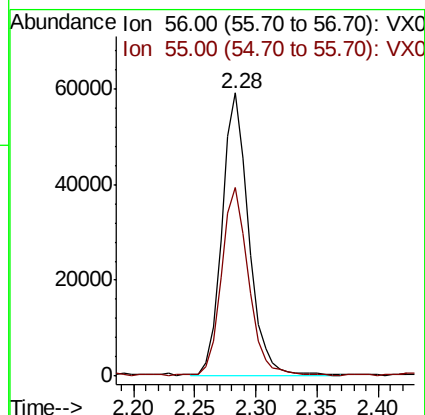
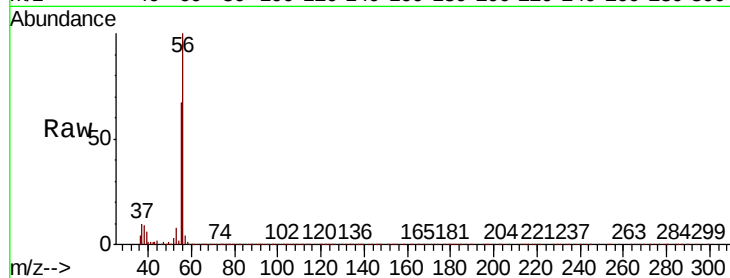
VSTDCCC020EC

Tot Ion: 56 Resp: 89380

Ion Ratio Lower Upper

56 100

55 67.0 56.2 84.2



#14

Acrylonitrile

Concen: 96.022 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

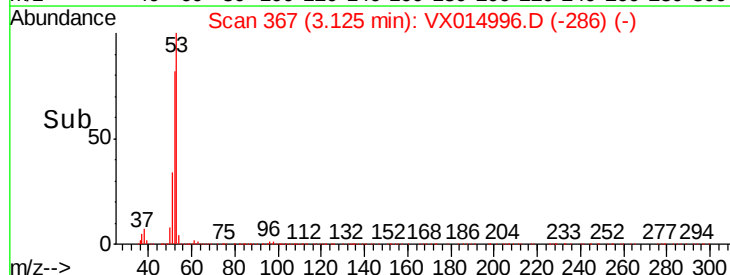
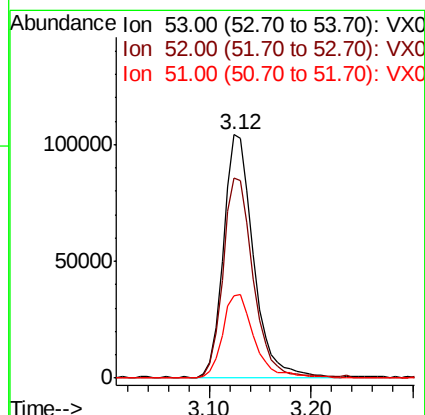
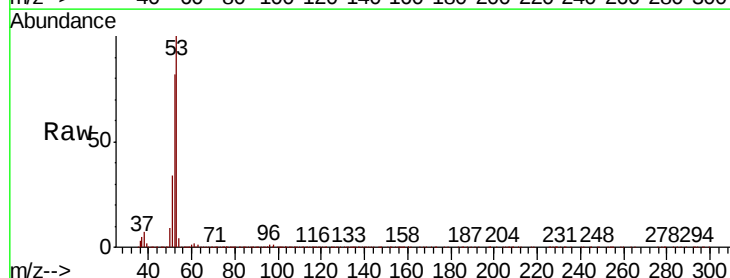
Tgt Ion: 53 Resp: 211805

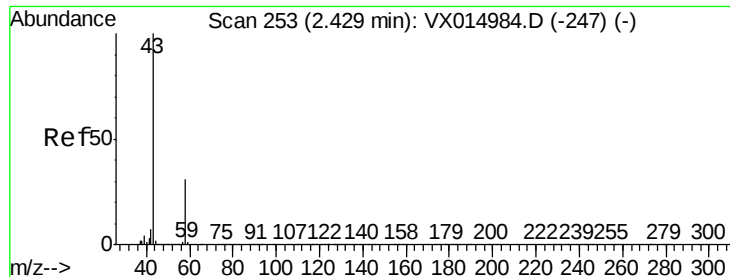
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 35.9 18.1 54.4





#15

Acetone

Concen: 85.665 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

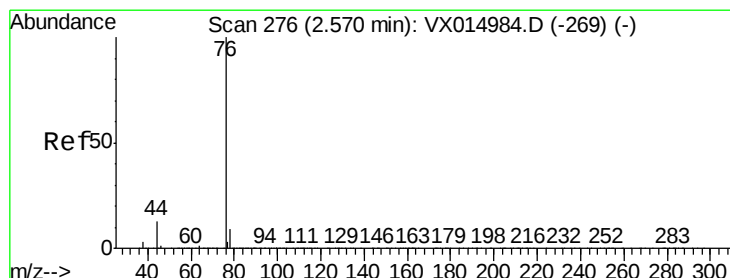
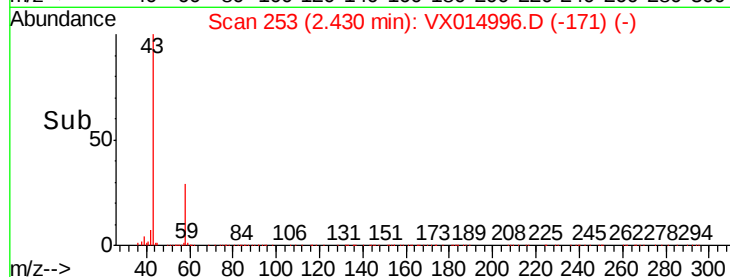
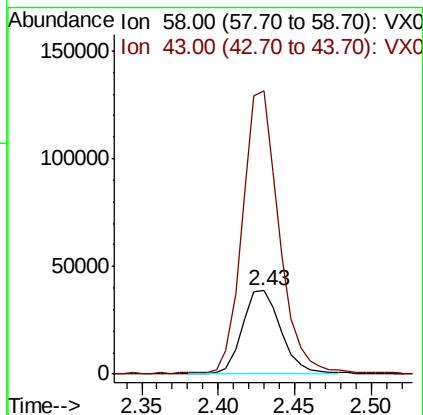
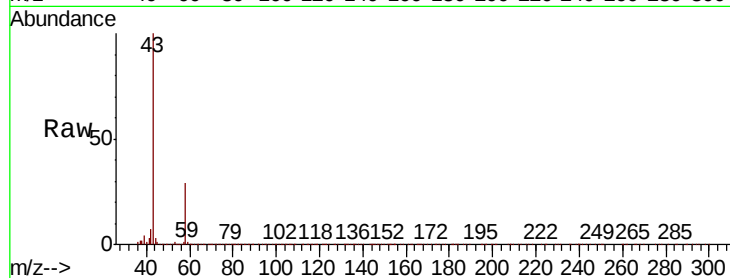
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 58 Resp: 67624

Ion Ratio Lower Upper

58 100

43 339.0 257.7 386.5



#16

Carbon Disulfide

Concen: 18.395 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014996.D

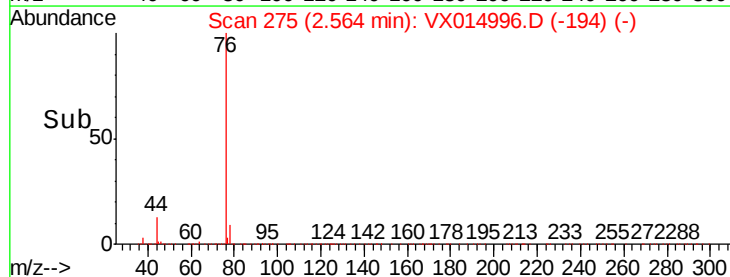
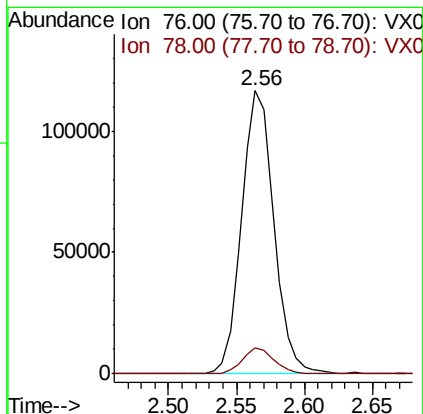
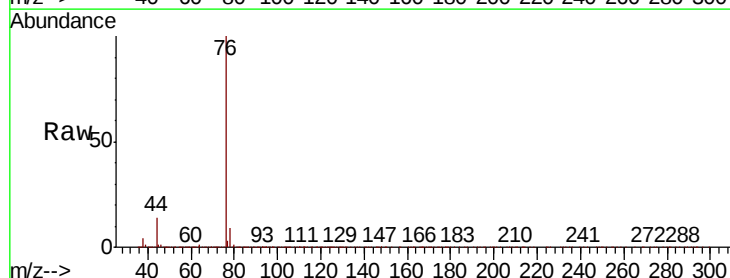
Acq: 21 Feb 2020 16:39

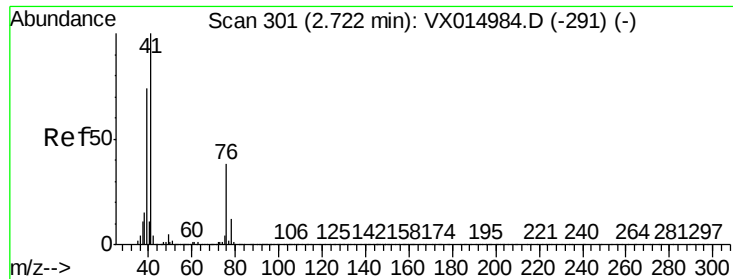
Tgt Ion: 76 Resp: 194137

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

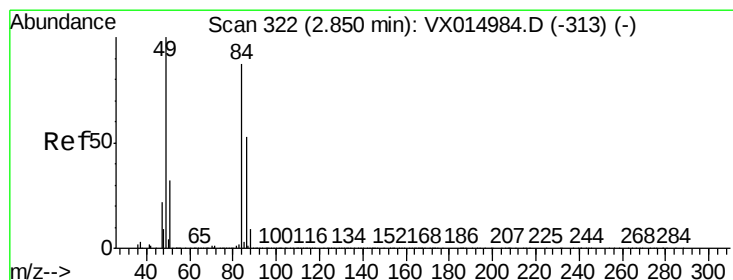
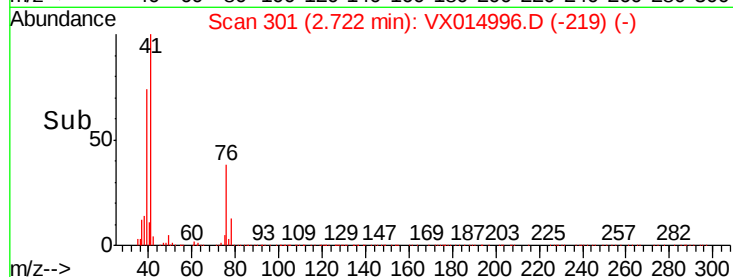
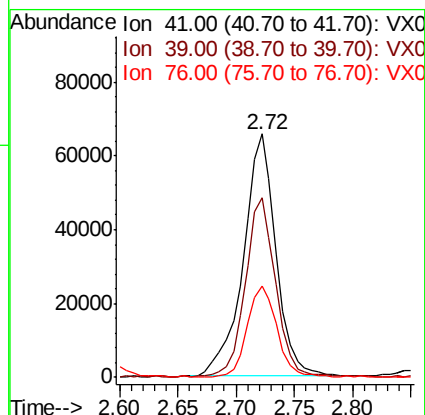
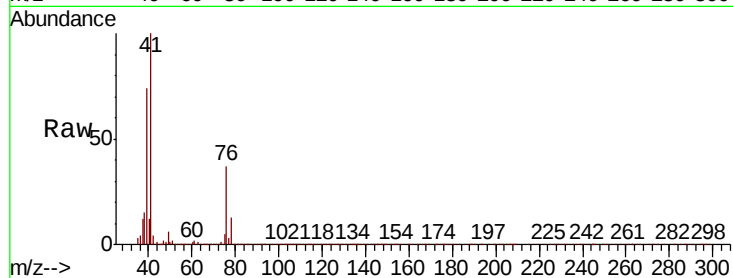




#17
Allvl chloride
Concen: 18.811 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

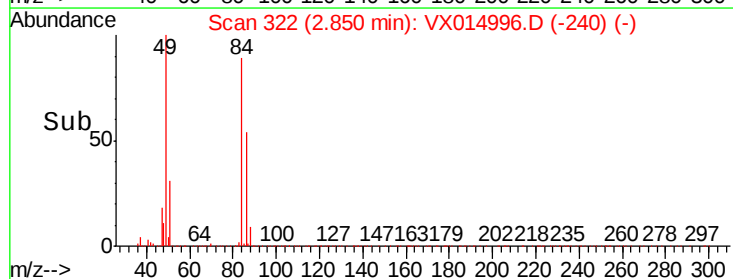
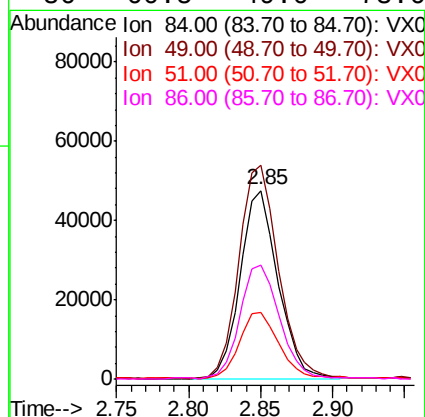
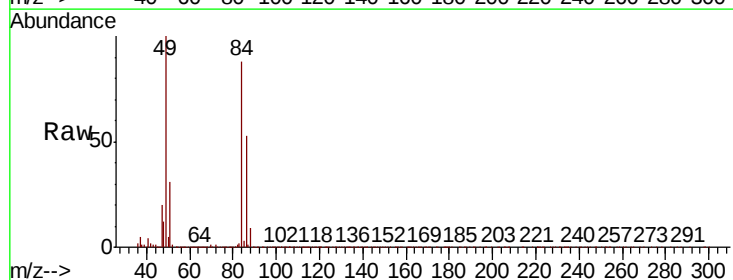
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

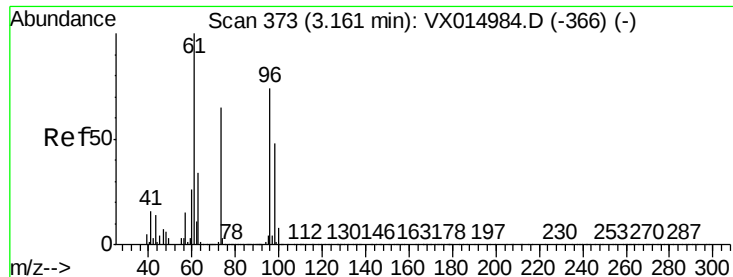
Tot Ion: 41 Resp: 128439
Ion Ratio Lower Upper
41 100
39 73.7 37.1 111.5
76 37.5 18.8 56.4



#18
Methylene Chloride
Concen: 19.073 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 84 Resp: 86257
Ion Ratio Lower Upper
84 100
49 113.6 92.2 138.2
51 34.6 29.7 44.5
86 60.5 49.0 73.6

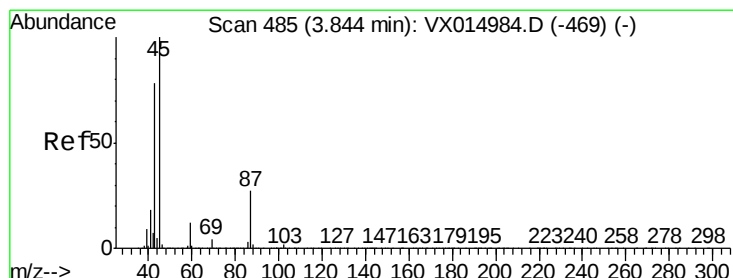
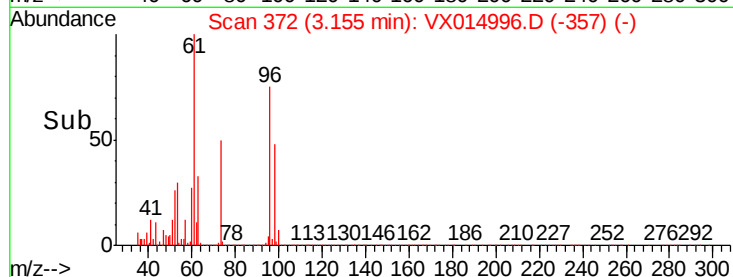
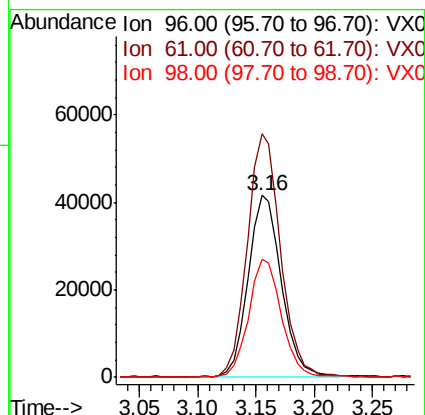
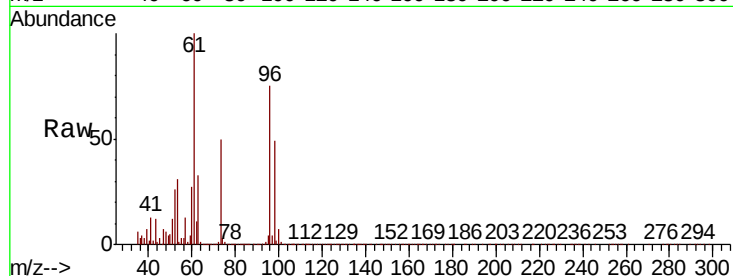




#19
trans-1,2-Dichloroethene
Concen: 19.140 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

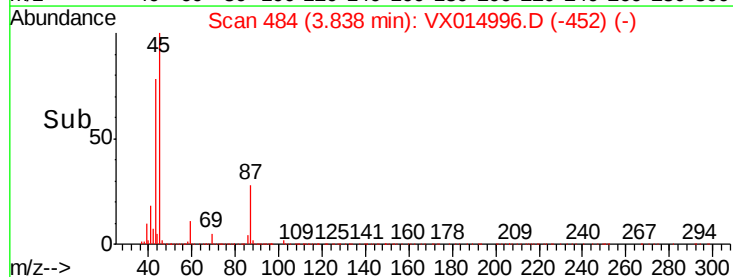
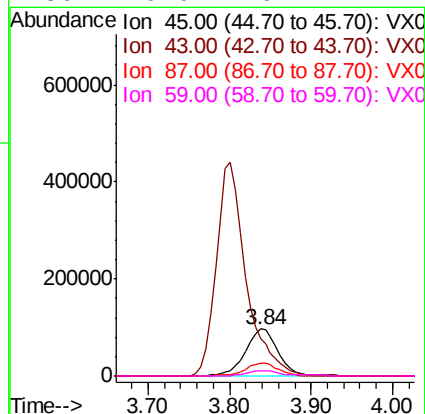
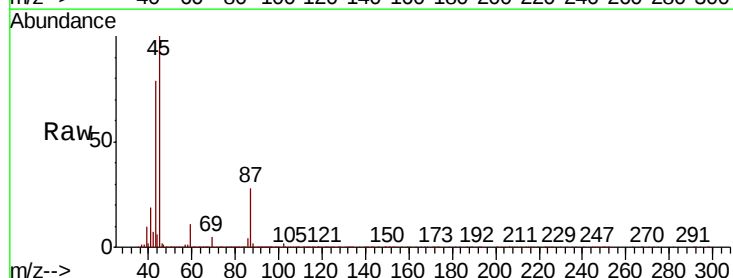
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

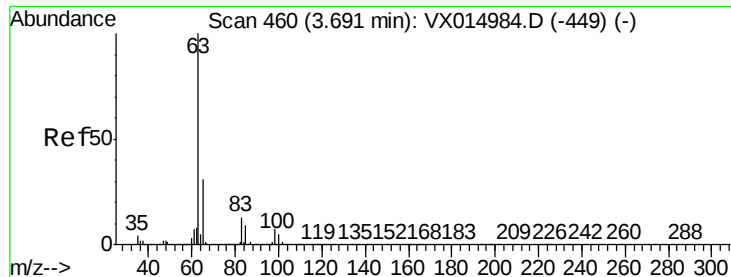
Tot Ion: 96 Resp: 82516
Ion Ratio Lower Upper
96 100
61 133.4 107.1 160.7
98 64.7 51.4 77.2



#20
Diisopropyl ether
Concen: 19.120 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 45 Resp: 266614
Ion Ratio Lower Upper
45 100
43 77.5 62.3 93.5
87 27.8 21.8 32.6
59 10.9 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.067 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

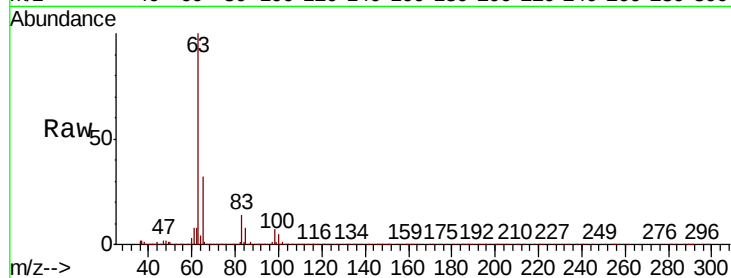
Tot Ion: 63 Resp: 145744

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

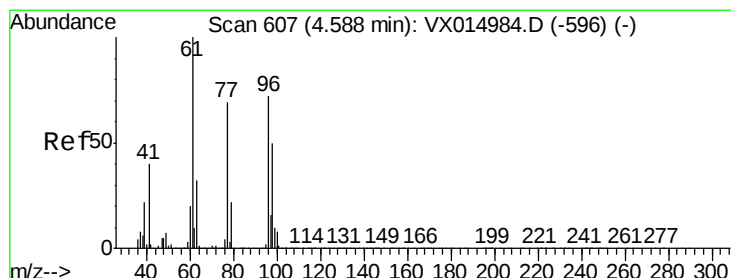
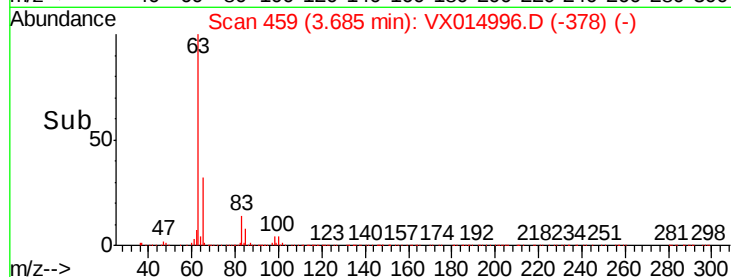
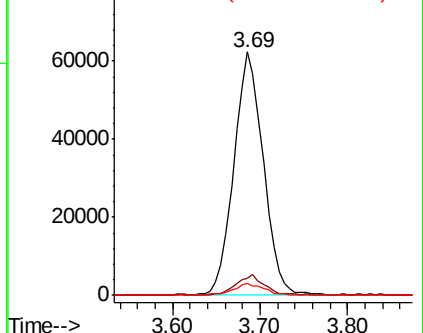
100 4.8 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.078 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

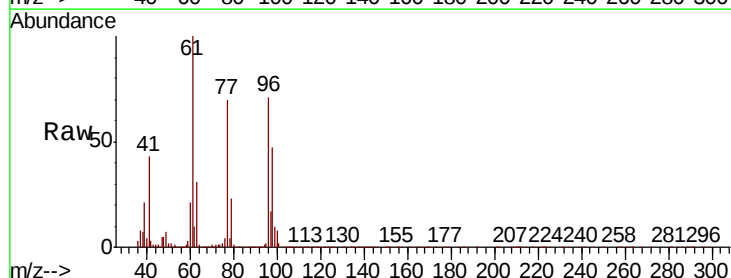
Tgt Ion: 96 Resp: 94123

Ion Ratio Lower Upper

96 100

61 142.4 110.6 165.8

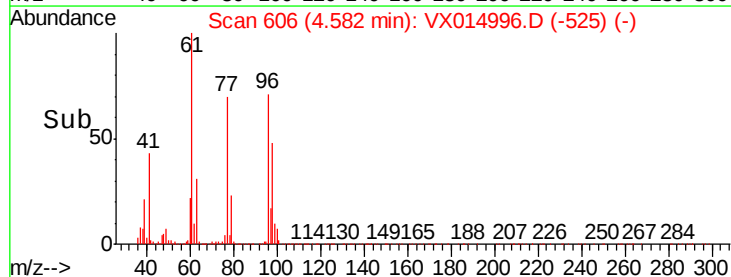
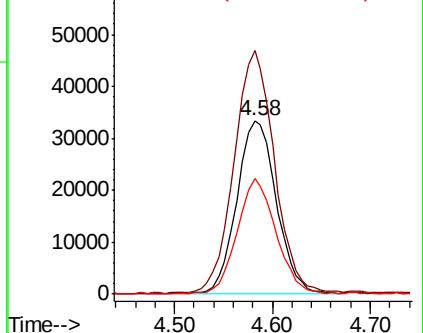
98 64.7 50.4 75.6

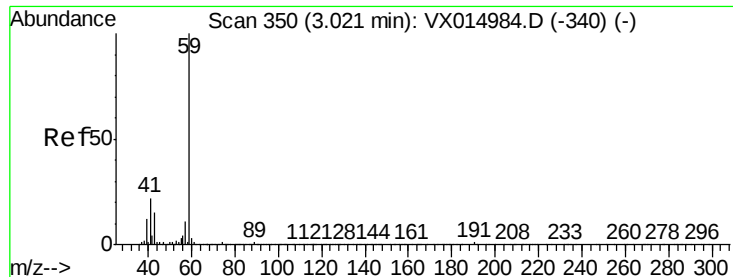


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 91.632 ug/l

RT: 3.02 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

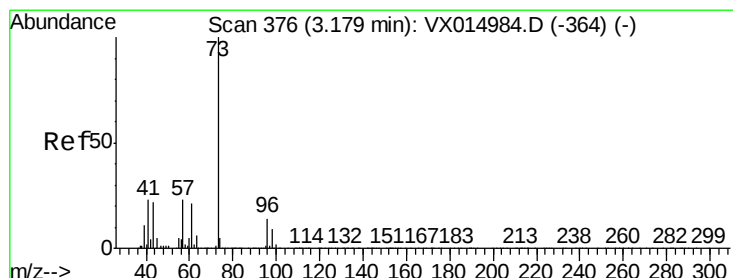
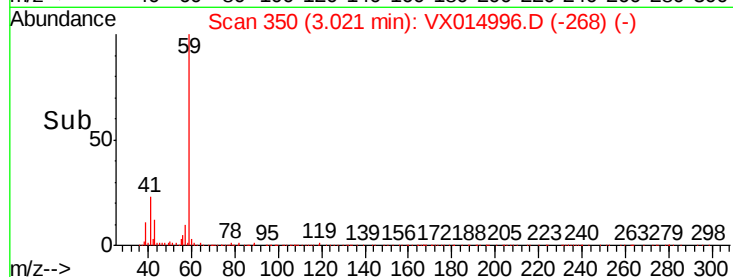
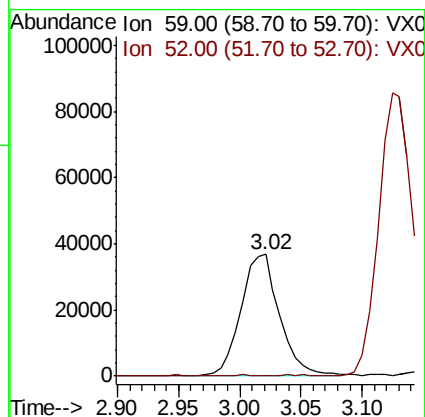
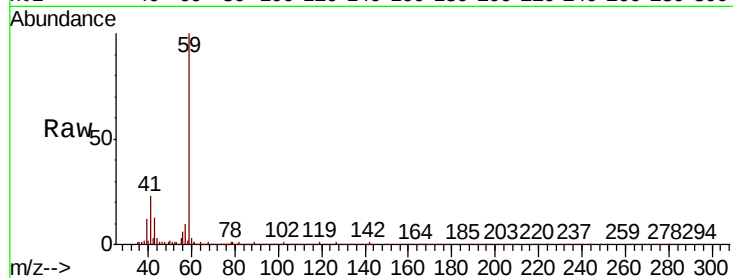
VSTDCCC020EC

Tot Ion: 59 Resp: 80122

Ion Ratio Lower Upper

59 100

52 0.2 0.4 0.6#



#24

Methyl tert-Butyl Ether

Concen: 19.058 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX014996.D

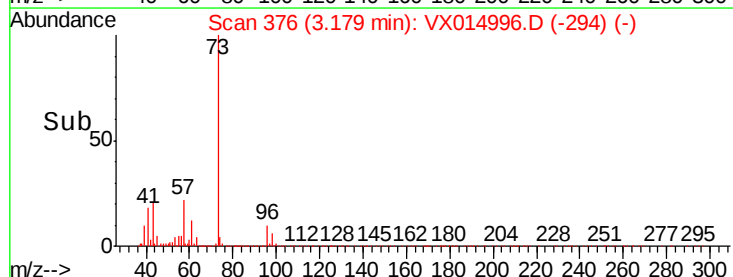
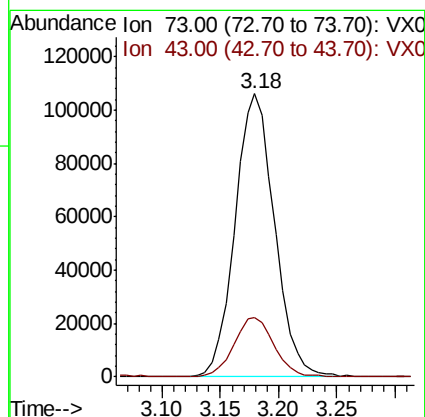
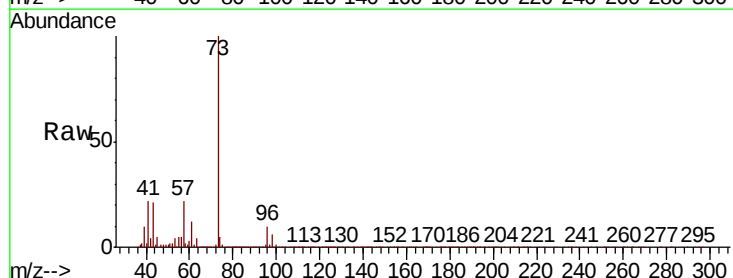
Acq: 21 Feb 2020 16:39

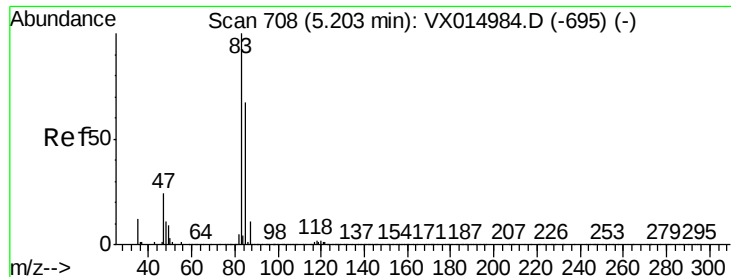
Tgt Ion: 73 Resp: 248874

Ion Ratio Lower Upper

73 100

43 21.2 17.7 26.5





#25

Chloroform

Concen: 19.216 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

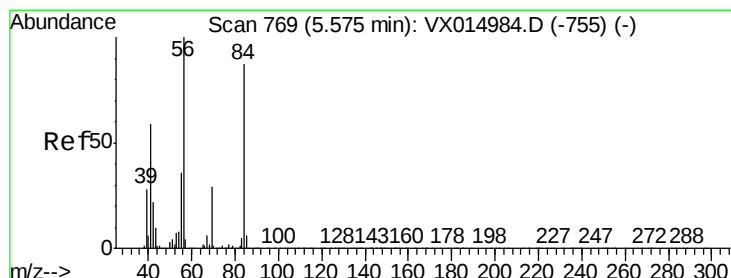
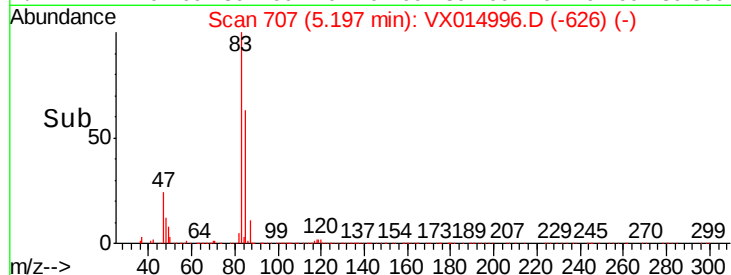
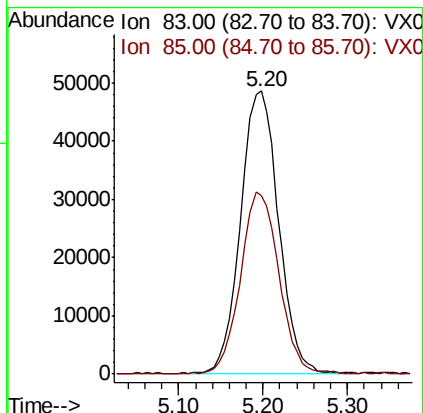
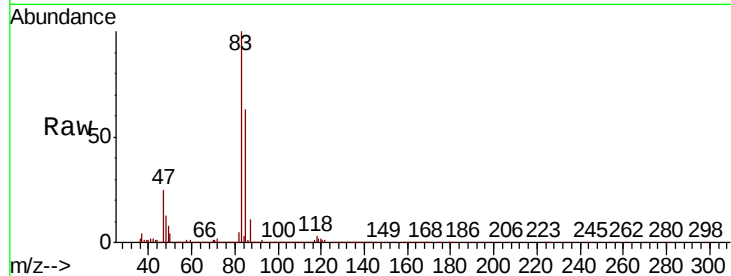
VSTDCCC020EC

Tot Ion: 83 Resp: 148118

Ion Ratio Lower Upper

83 100

85 62.8 53.4 80.0



#26

Cyclohexane

Concen: 18.708 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

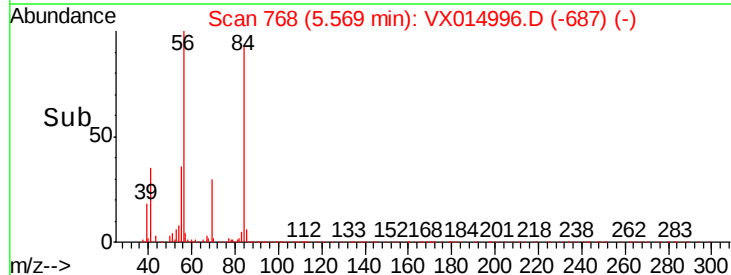
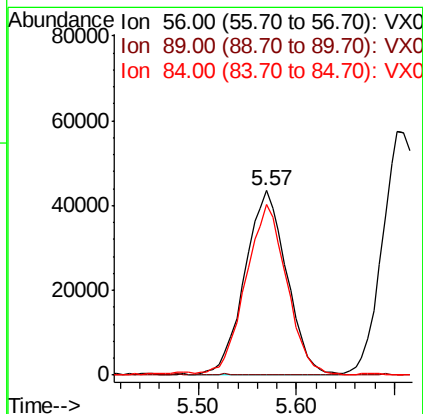
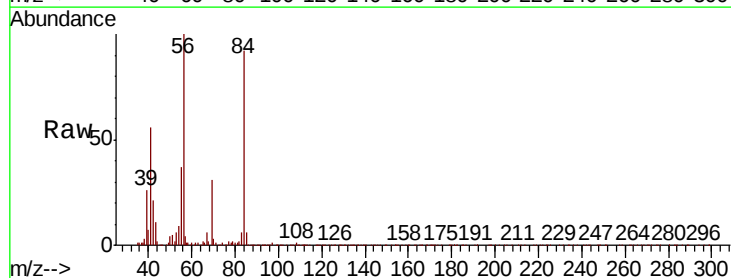
Tgt Ion: 56 Resp: 127810

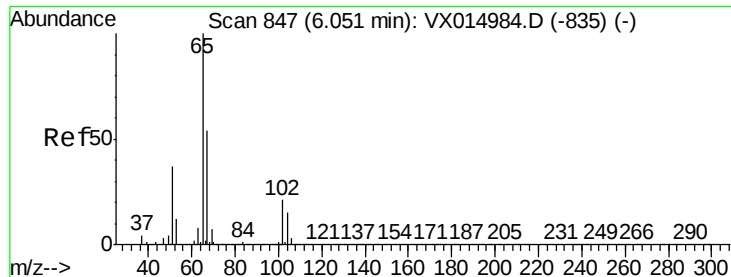
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 90.7 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.261 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

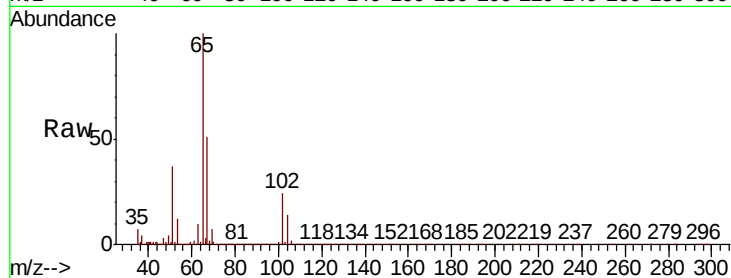
VSTDCCC020EC

Tot Ion: 65 Resp: 151923

Ion Ratio Lower Upper

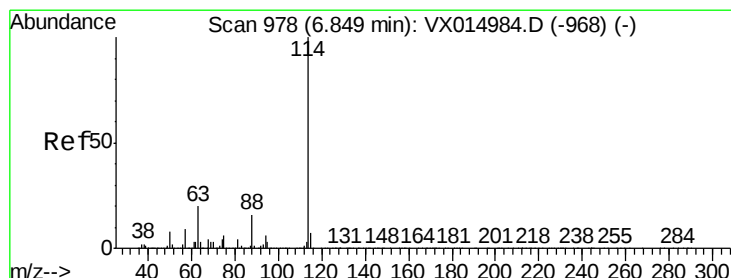
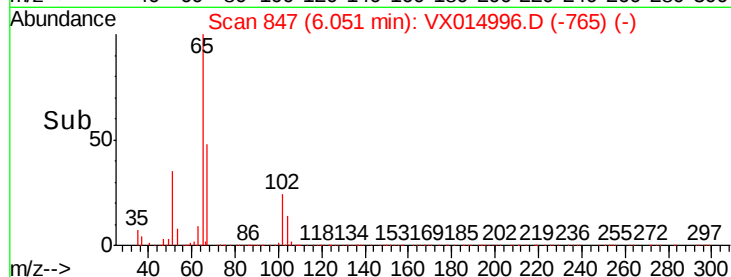
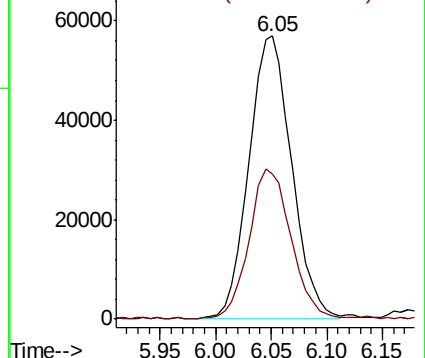
65 100

67 52.4 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

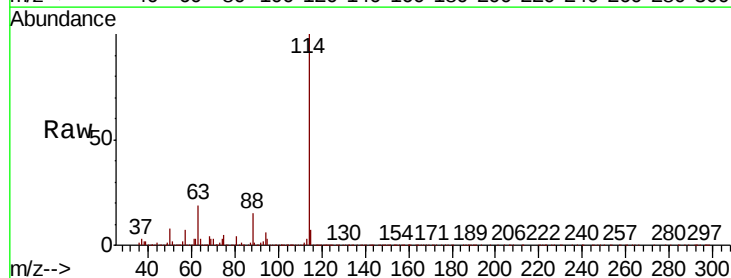
Tgt Ion: 114 Resp: 408243

Ion Ratio Lower Upper

114 100

63 19.7 15.6 23.4

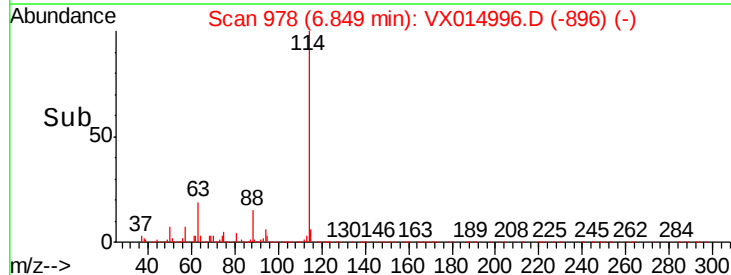
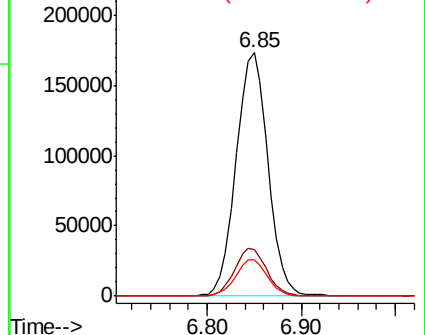
88 15.2 12.2 18.2

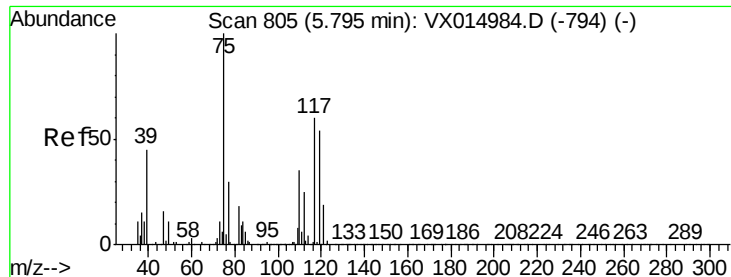


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.247 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

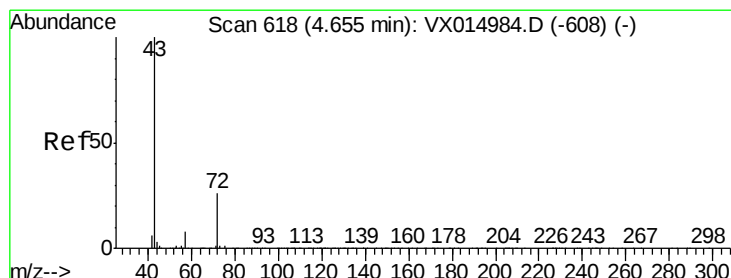
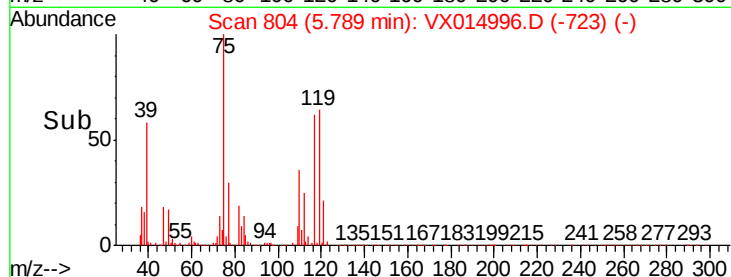
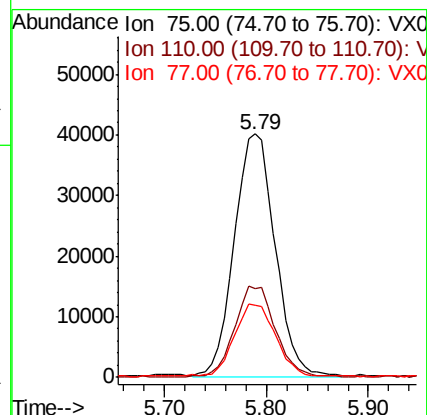
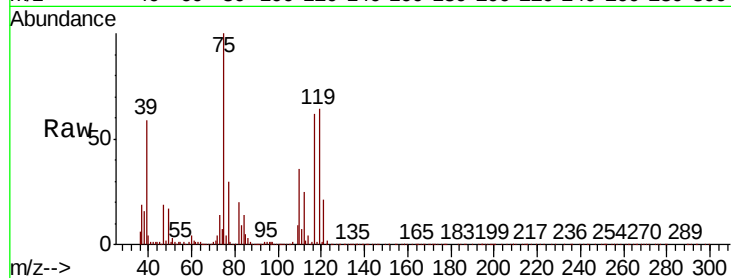
Tot Ion: 75 Resp: 111138

Ion Ratio Lower Upper

75 100

110 37.9 0.0 75.0

77 30.0 0.0 64.0



#30

2-Butanone

Concen: 91.512 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

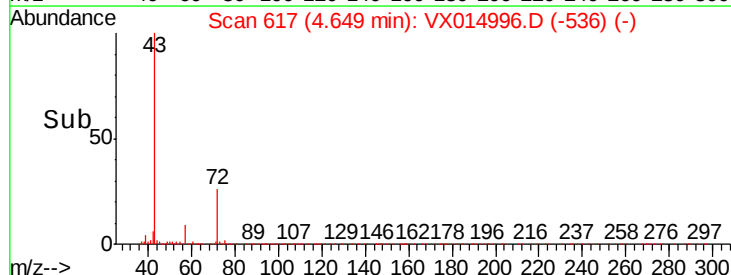
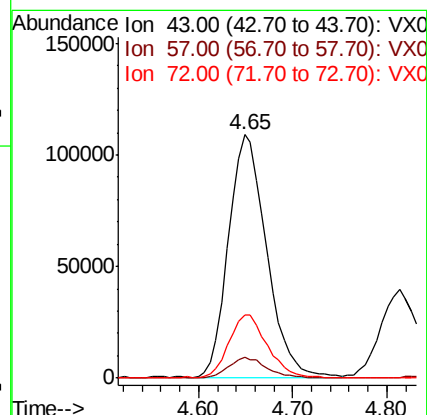
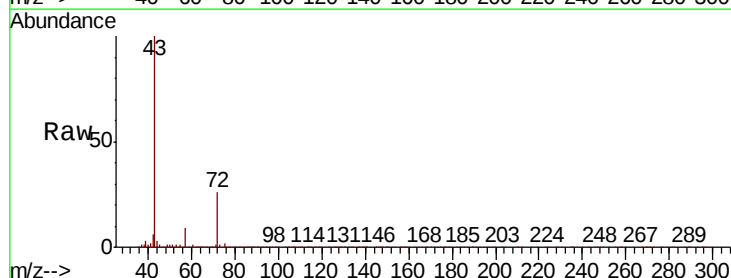
Tgt Ion: 43 Resp: 305009

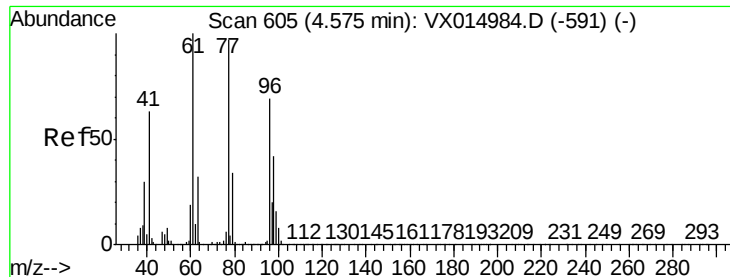
Ion Ratio Lower Upper

43 100

57 8.0 6.5 9.7

72 26.3 20.3 30.5





#31

2,2-Dichloropropane

Concen: 18.822 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

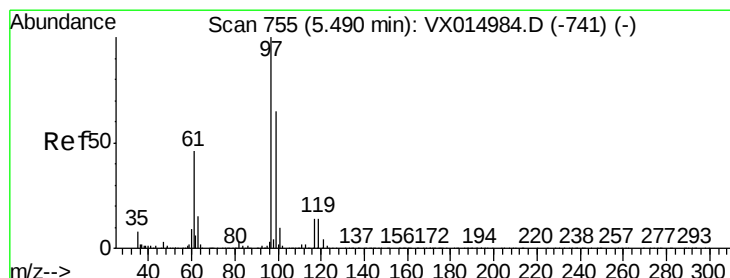
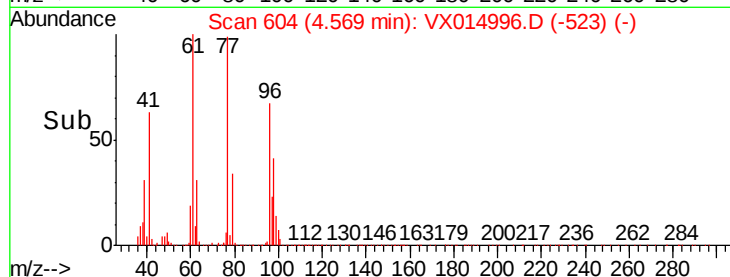
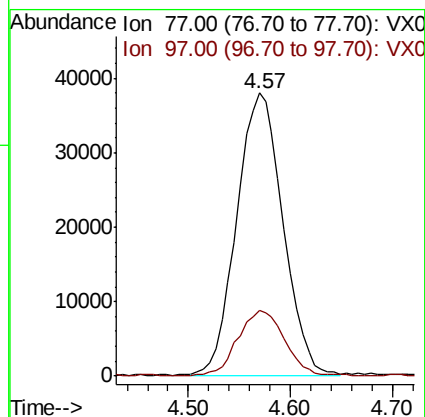
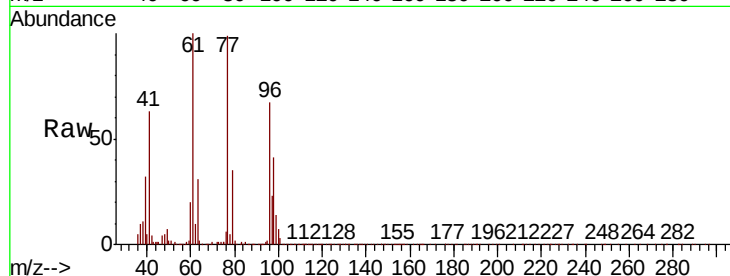
VSTDCCC020EC

Tot Ion: 77 Resp: 119342

Ion Ratio Lower Upper

77 100

97 23.5 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 18.715 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

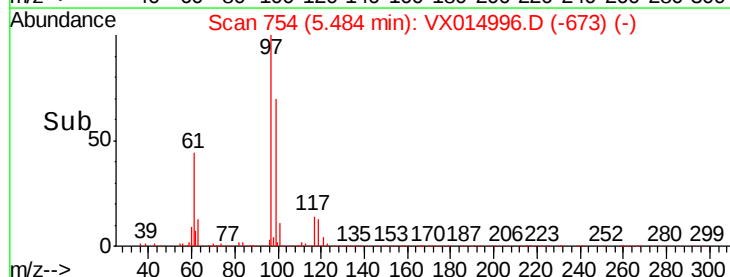
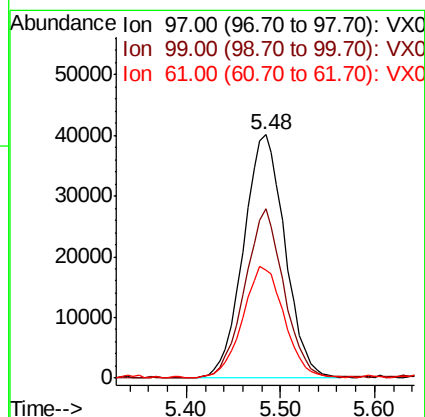
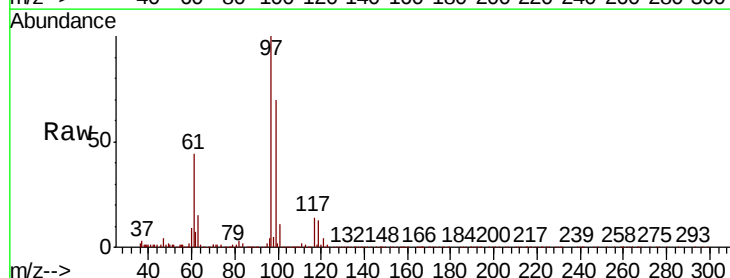
Tgt Ion: 97 Resp: 122723

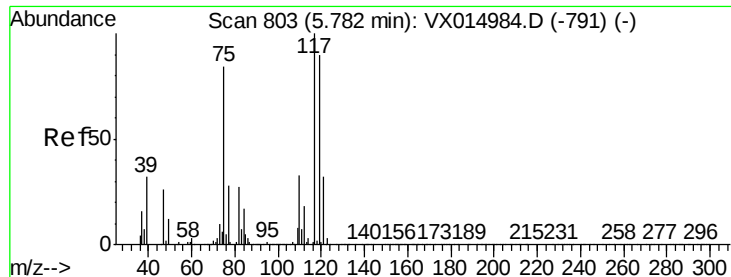
Ion Ratio Lower Upper

97 100

99 65.8 53.0 79.6

61 45.8 36.2 54.2





#33

Carbon Tetrachloride

Concen: 18.920 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

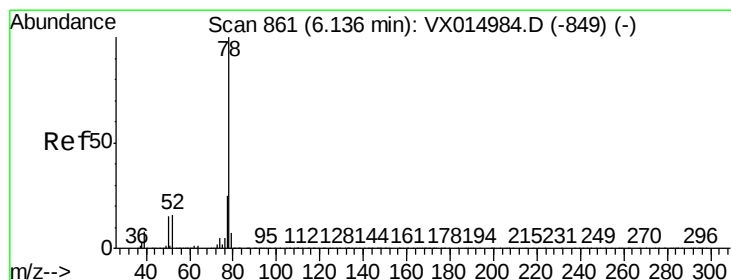
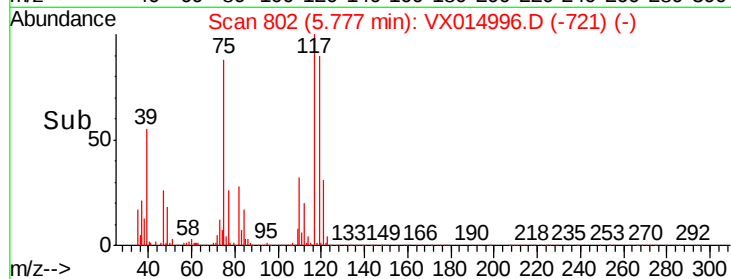
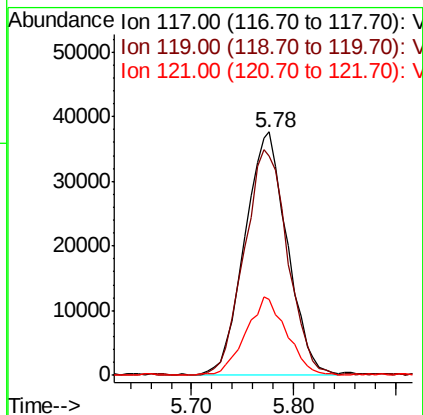
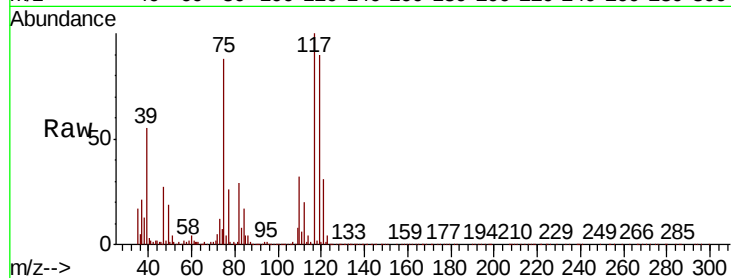
Tot Ion:117 Resp: 108604

Ion Ratio Lower Upper

117 100

119 90.1 71.9 107.9

121 31.0 25.4 38.2



#34

Benzene

Concen: 19.348 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

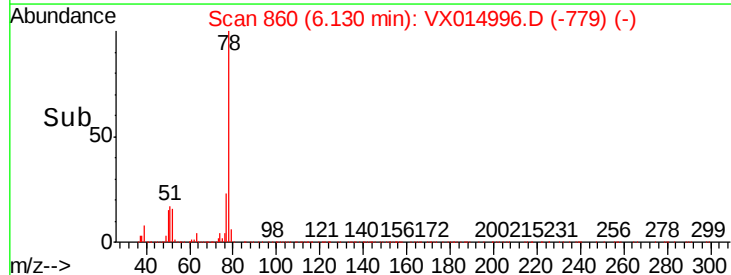
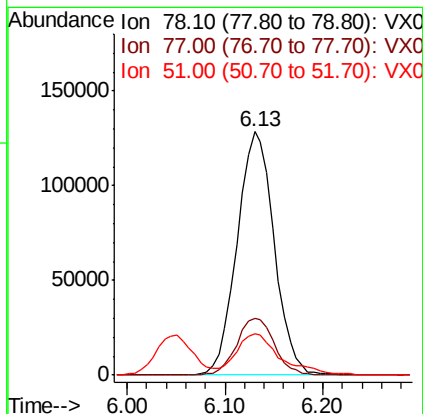
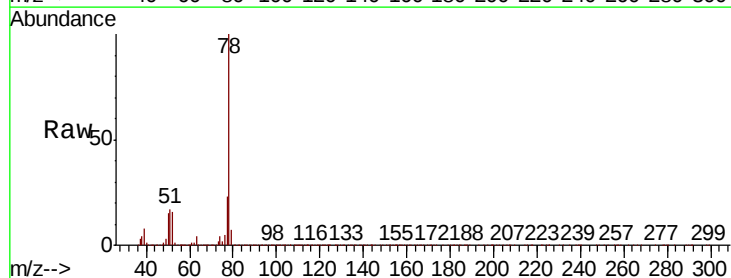
Tgt Ion: 78 Resp: 337110

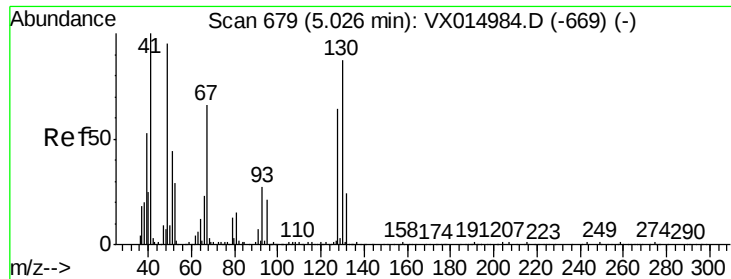
Ion Ratio Lower Upper

78 100

77 23.4 20.0 30.0

51 16.6 13.3 19.9

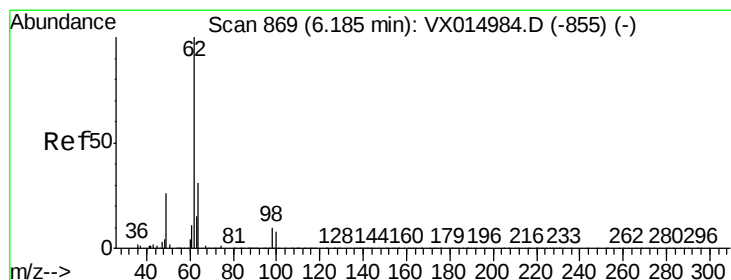
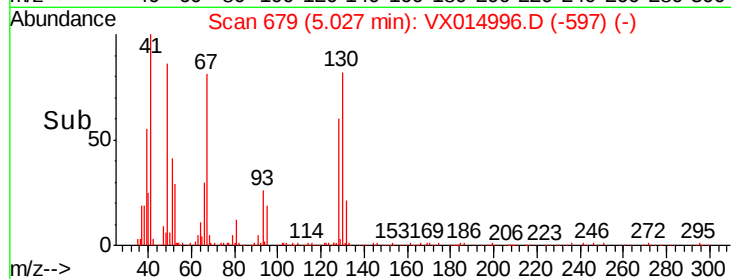
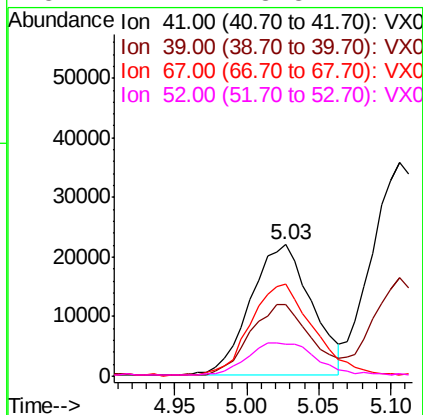
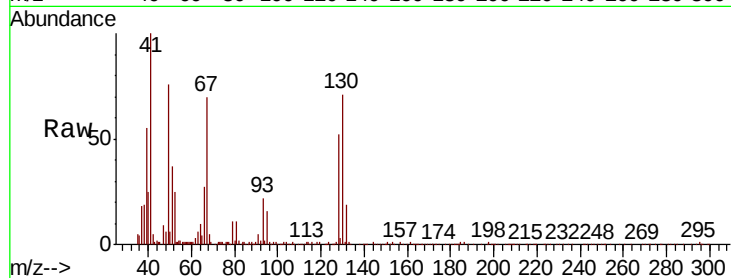




#35
Methacrylonitrile
Concen: 18.923 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

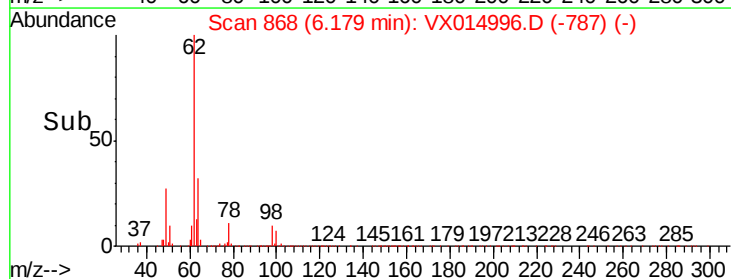
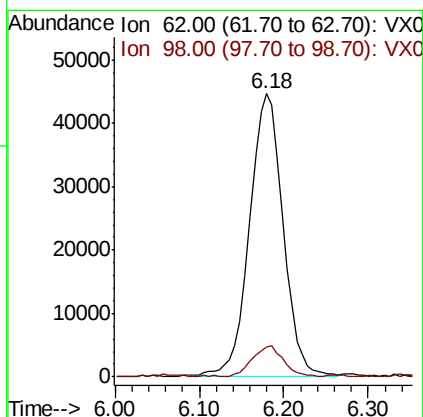
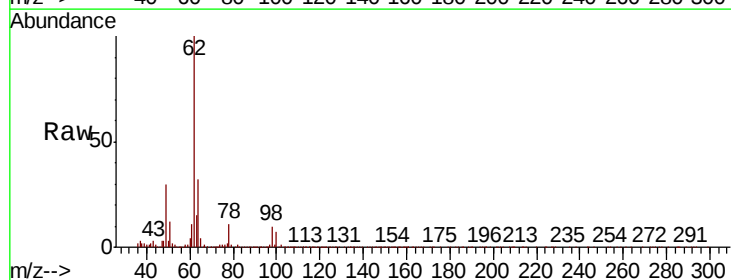
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

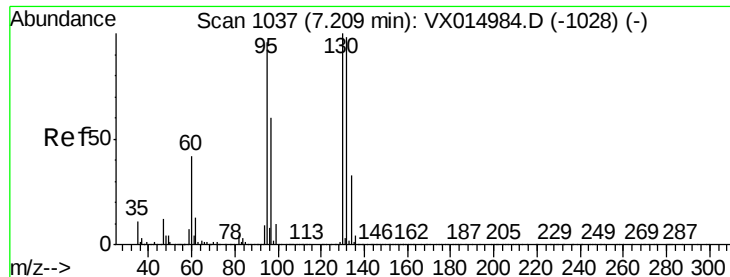
Tot Ion:	41	Resp:	64337
Ion	Ratio	Lower	Upper
41	100		
39	53.9	25.9	77.7
67	69.4	32.7	98.1
52	24.1	13.8	41.4



#36
1,2-Dichloroethane
Concen: 19.586 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion:	62	Resp:	120794
Ion	Ratio	Lower	Upper
62	100		
98	10.4	7.5	11.3

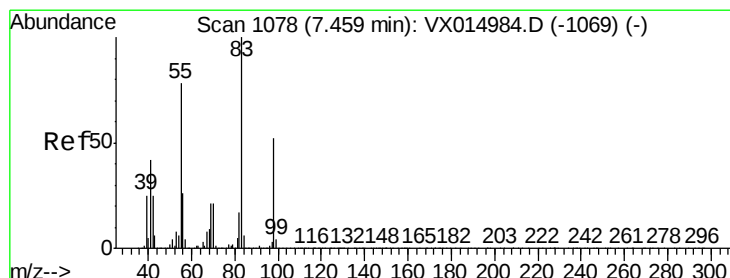
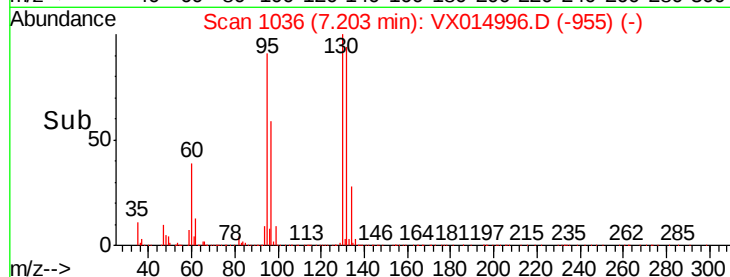
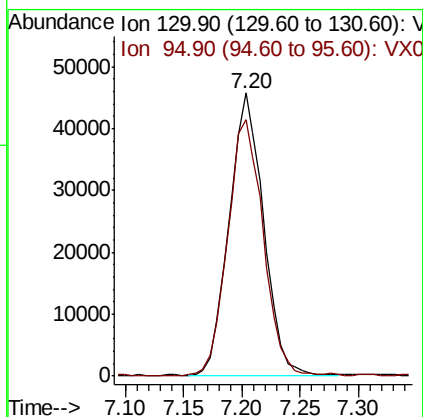
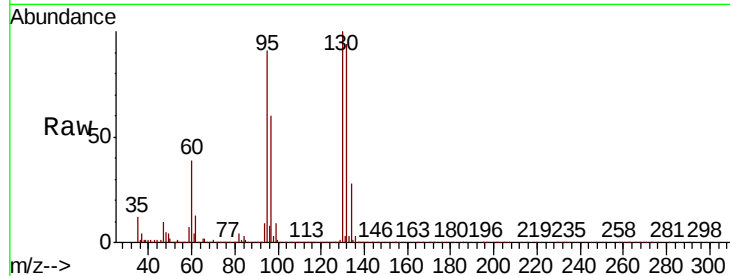




#37
 Trichloroethene
 Concen: 19.112 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

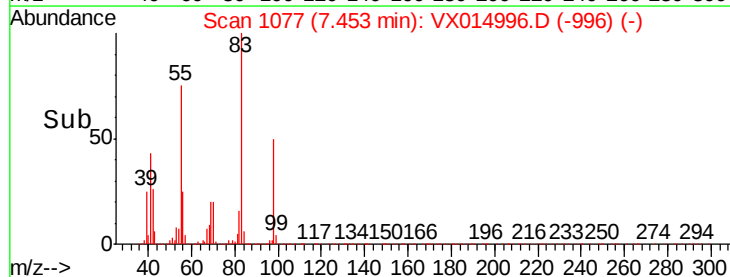
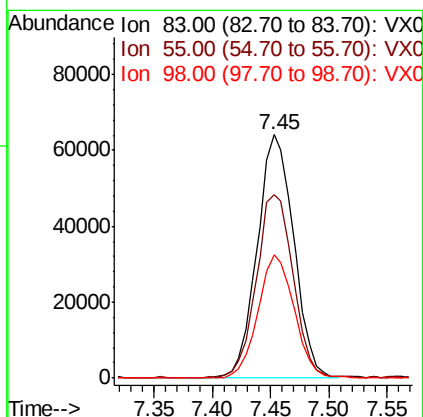
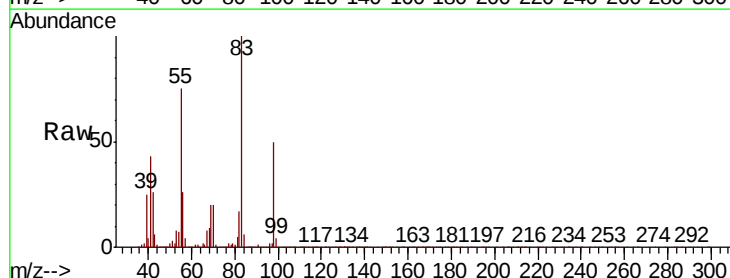
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

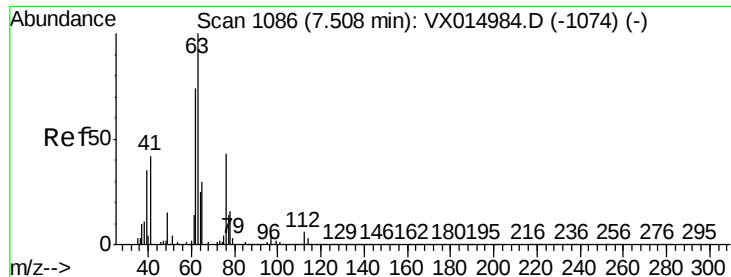
Tot Ion:130 Resp: 93500
 Ion Ratio Lower Upper
 130 100
 95 90.4 77.1 115.7



#38
 Methylcyclohexane
 Concen: 19.406 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion: 83 Resp: 138899
 Ion Ratio Lower Upper
 83 100
 55 75.7 38.2 114.6
 98 50.2 25.3 75.8





#39

1,2-Dichloropropane

Concen: 19.010 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

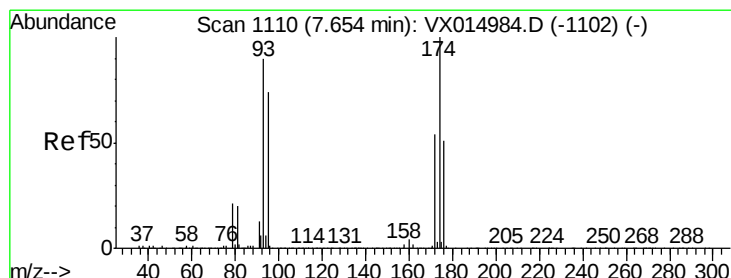
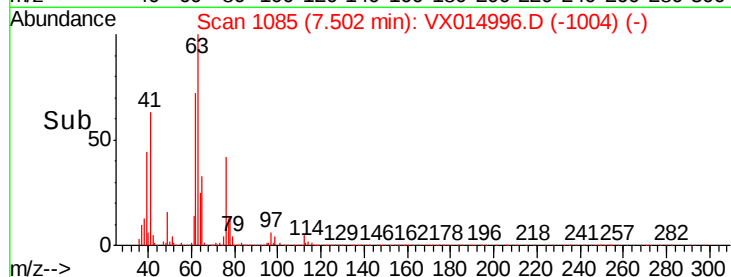
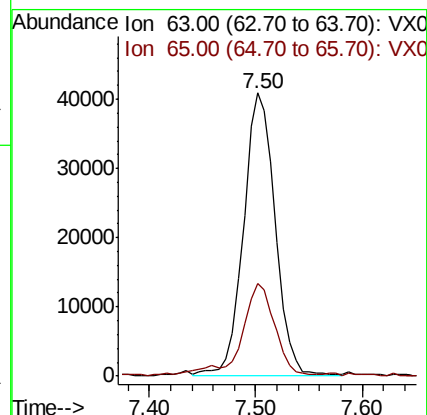
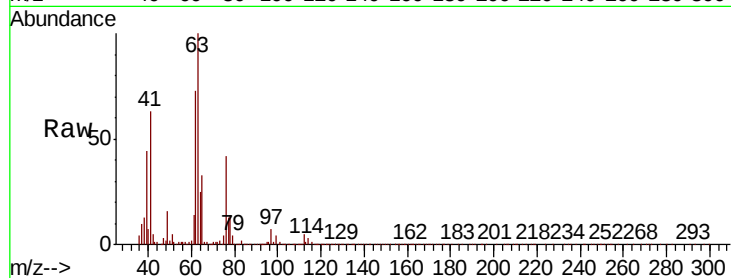
VSTDCCC020EC

Tot Ion: 63 Resp: 85261

Ion Ratio Lower Upper

63 100

65 32.7 24.6 36.8



#40

Dibromomethane

Concen: 19.054 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

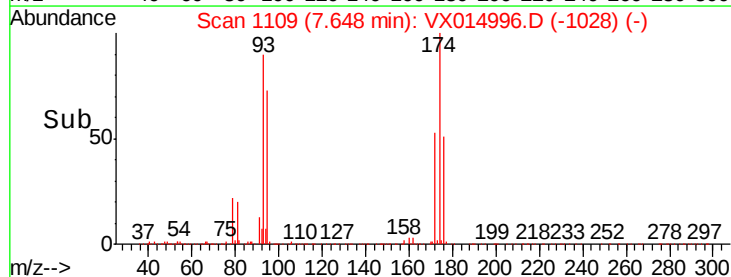
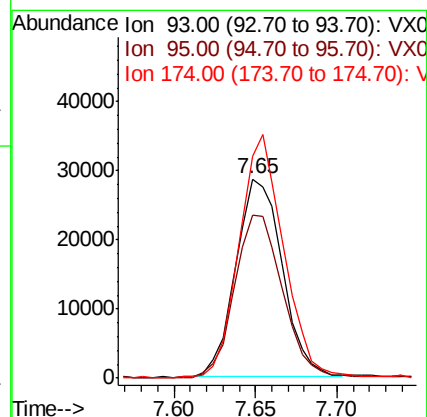
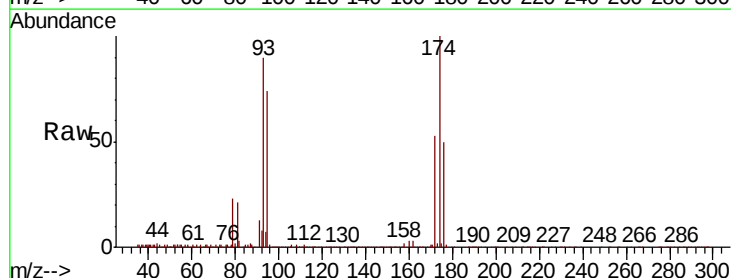
Tgt Ion: 93 Resp: 57064

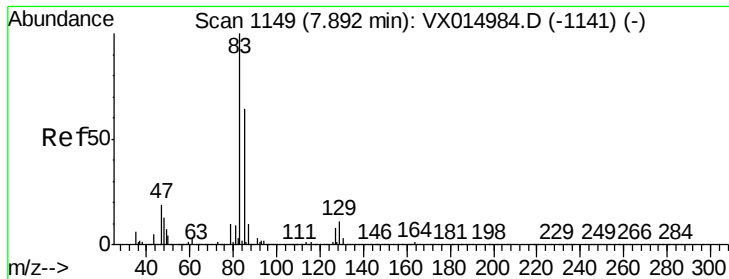
Ion Ratio Lower Upper

93 100

95 85.2 0.0 164.6

174 117.8 0.0 226.4





#41

Bromodichloromethane

Concen: 18.826 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

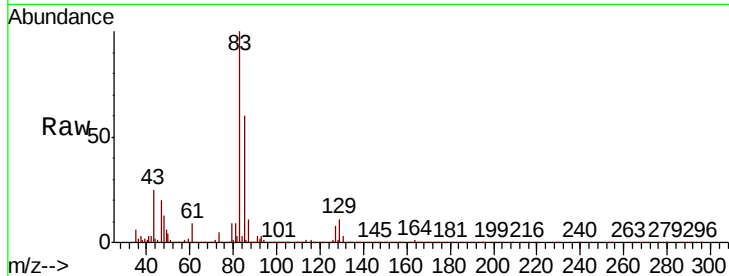
Tot Ion: 83 Resp: 111373

Ion Ratio Lower Upper

83 100

85 59.7 51.0 76.4

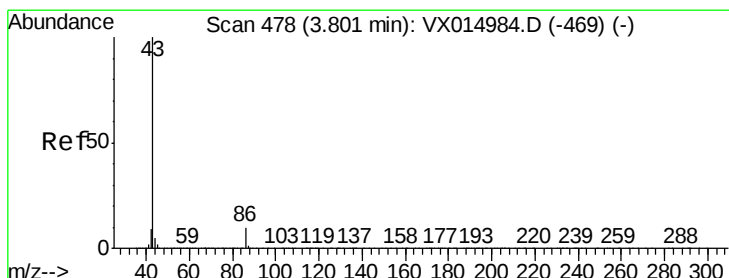
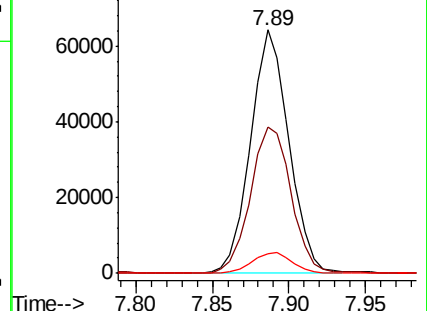
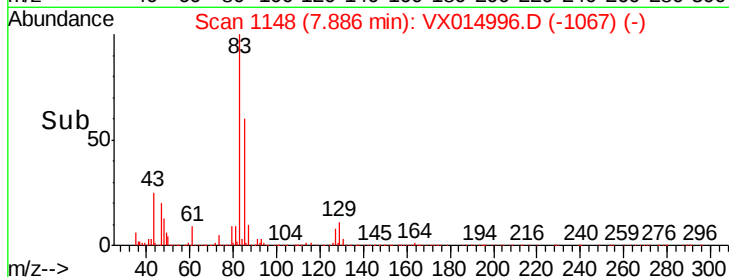
127 8.1 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.854 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014996.D

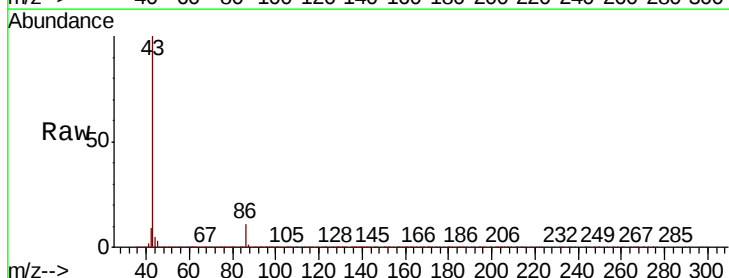
Acq: 21 Feb 2020 16:39

Tgt Ion: 43 Resp: 1124500

Ion Ratio Lower Upper

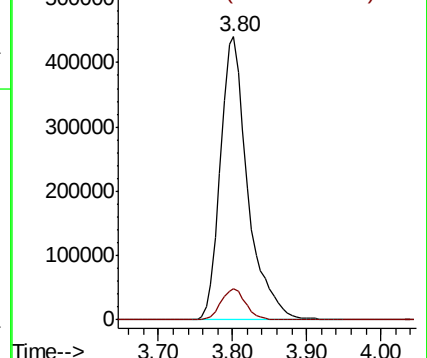
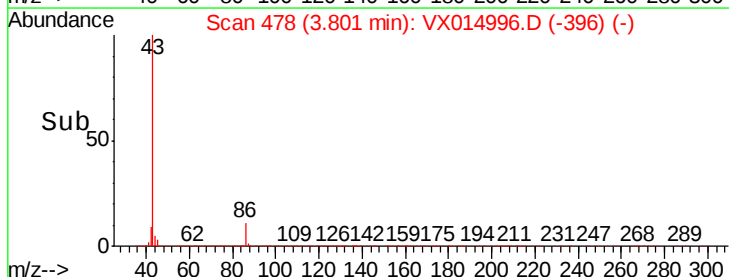
43 100

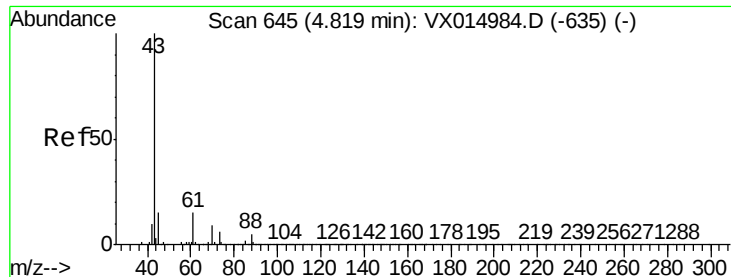
86 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

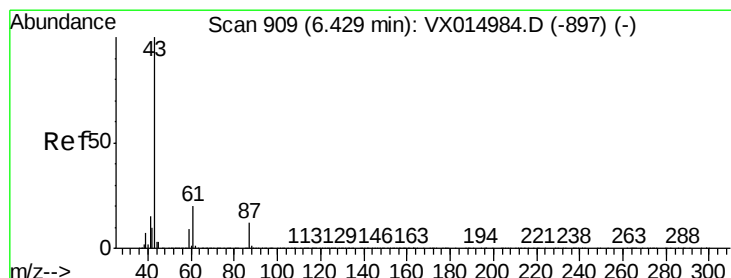
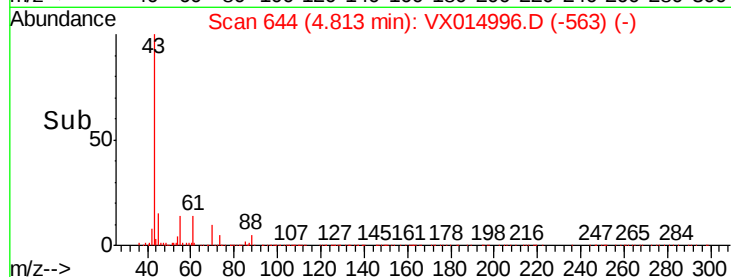
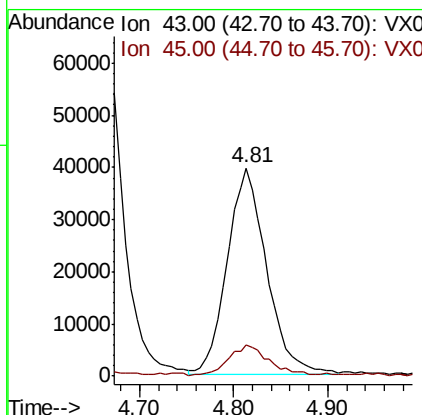
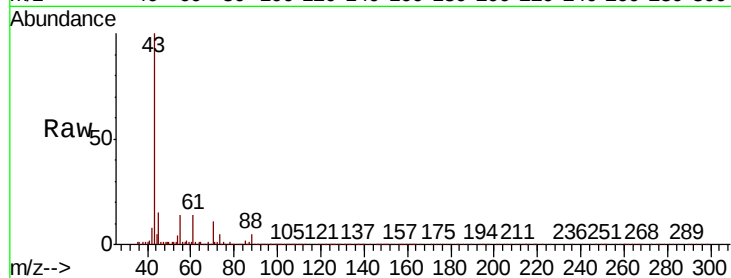




#43
Ethyl Acetate
Concen: 19.196 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

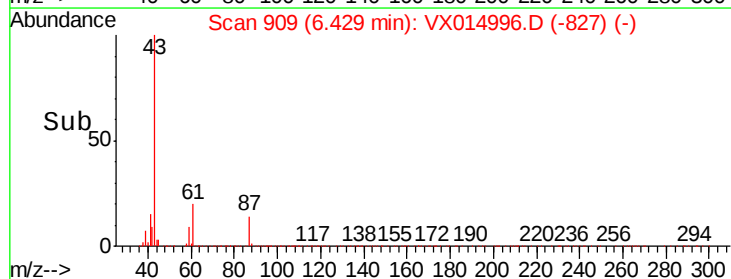
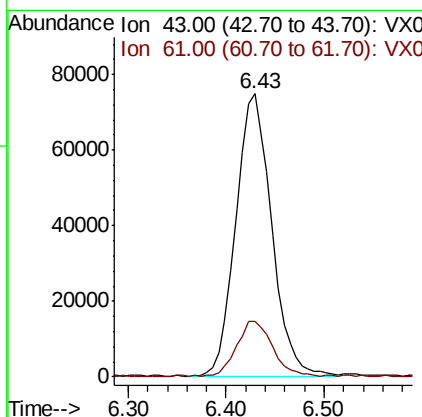
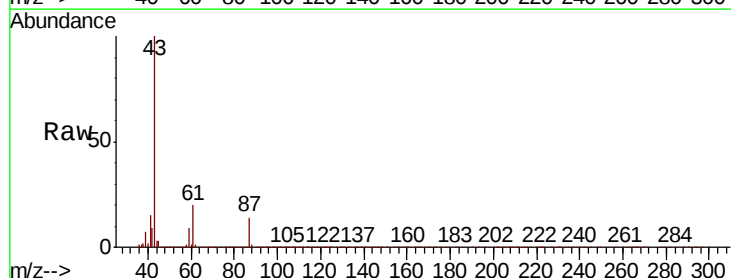
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

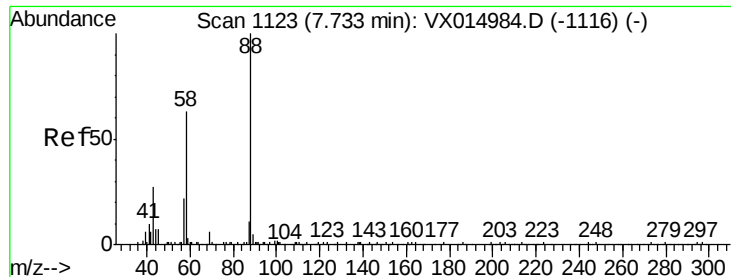
Tot Ion: 43 Resp: 115762
Ion Ratio Lower Upper
43 100
45 14.1 10.8 16.2



#44
Isopropyl Acetate
Concen: 18.717 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 43 Resp: 189750
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4

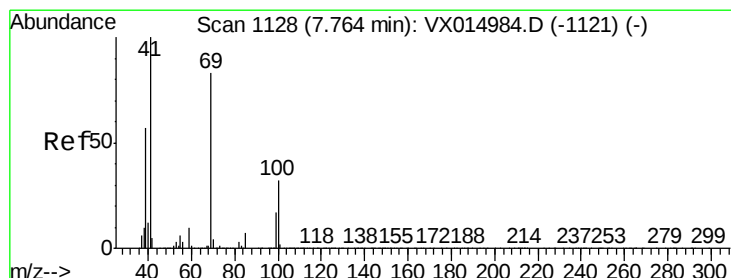
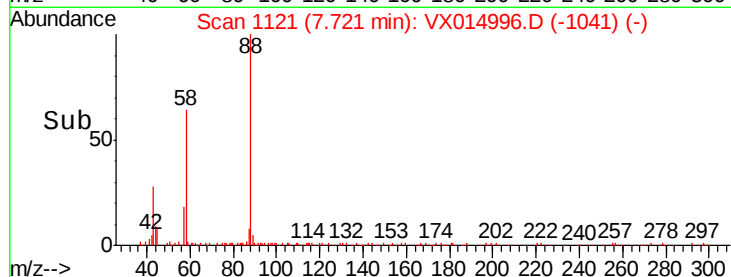
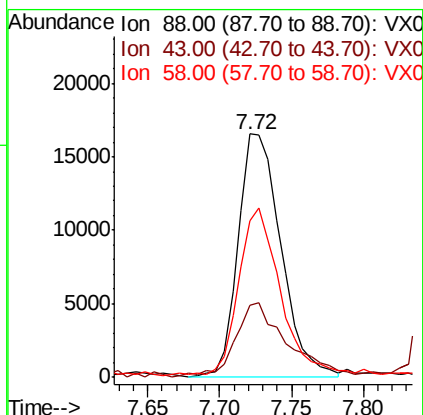
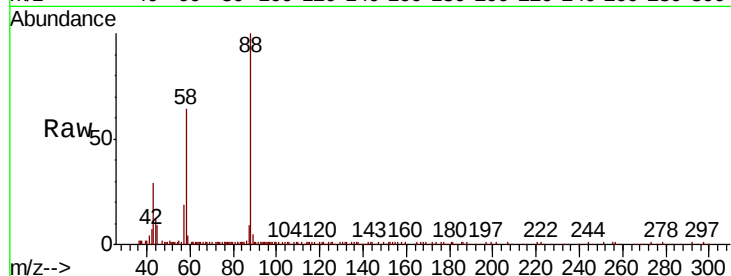




#45
1,4-Dioxane
Concen: 365.430 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

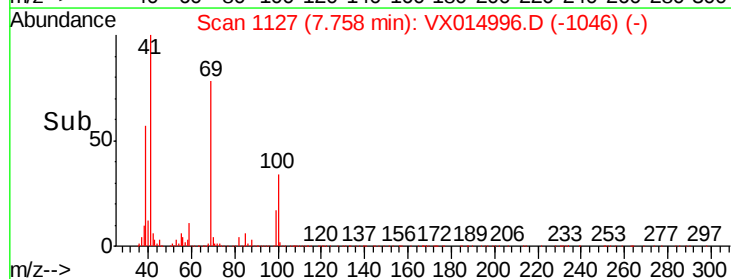
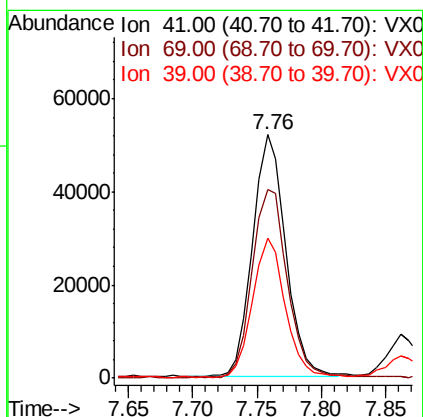
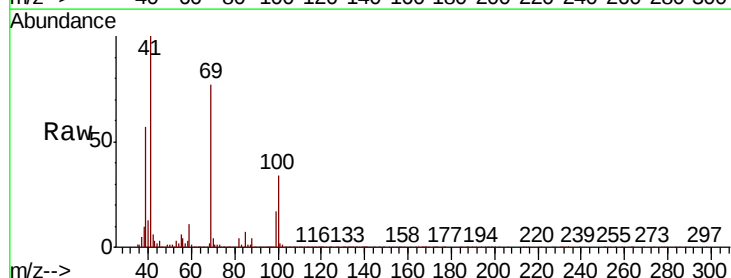
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

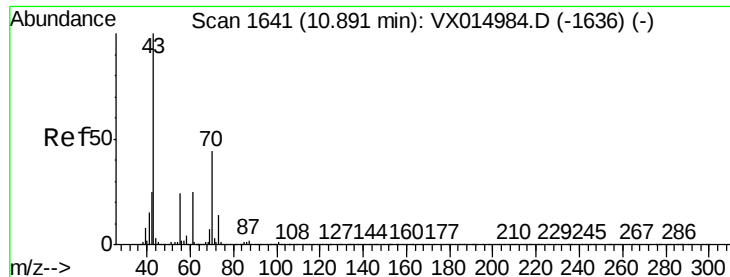
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	25.4	38.2
58	67.1	55.8	83.8



#46
Methyl methacrylate
Concen: 18.478 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.5	41.4	124.2
39	57.0	28.3	84.9





#47

n-amvl Acetate

Concen: 18.158 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

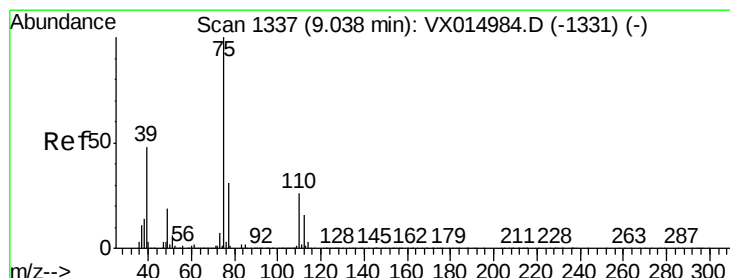
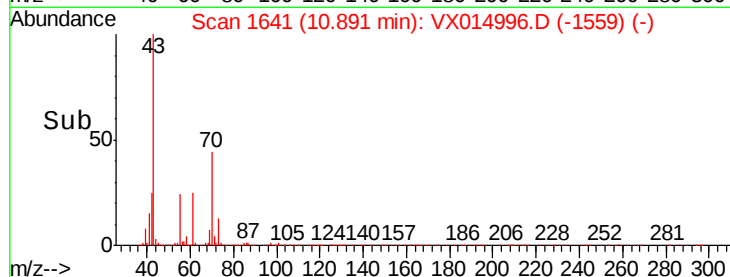
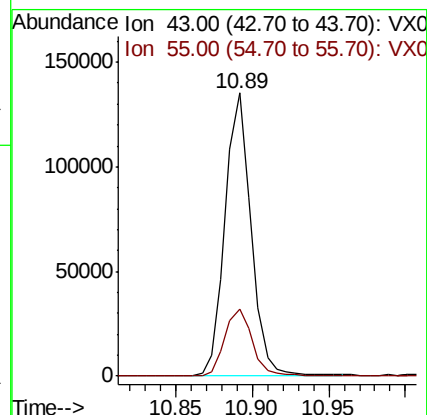
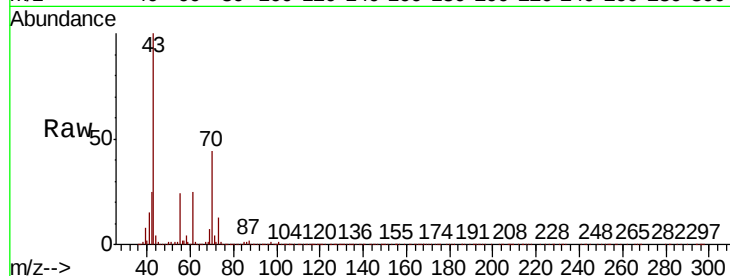
VSTDCCC020EC

Tot Ion: 43 Resp: 159471

Ion Ratio Lower Upper

43 100

55 24.7 19.2 28.8



#48

t-1,3-Dichloropropene

Concen: 18.465 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014996.D

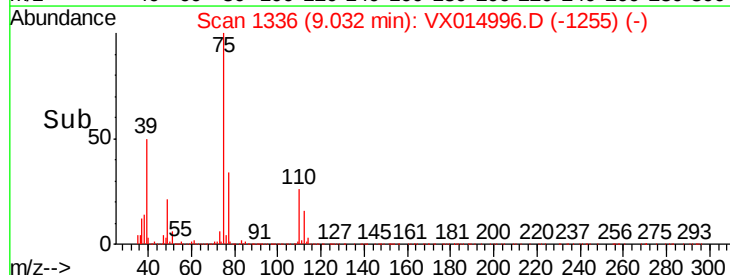
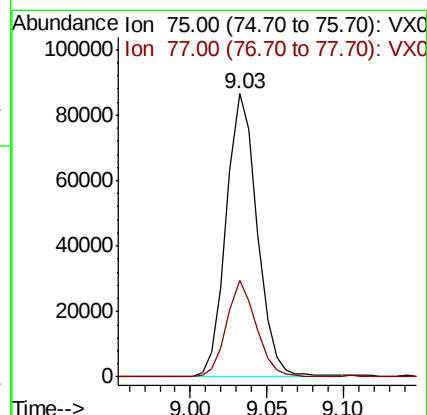
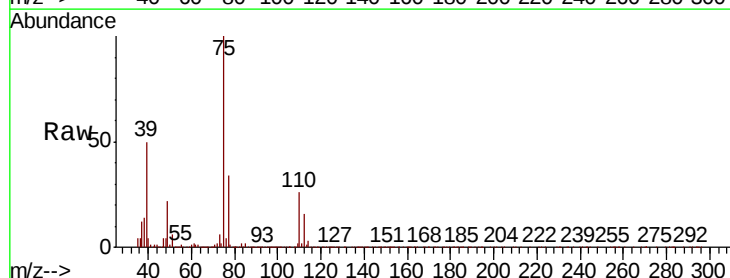
Acq: 21 Feb 2020 16:39

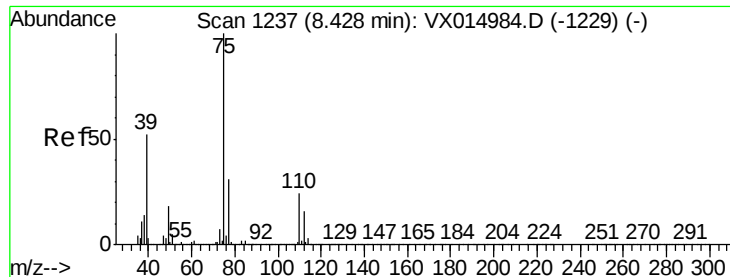
Tgt Ion: 75 Resp: 121196

Ion Ratio Lower Upper

75 100

77 34.1 24.6 36.8



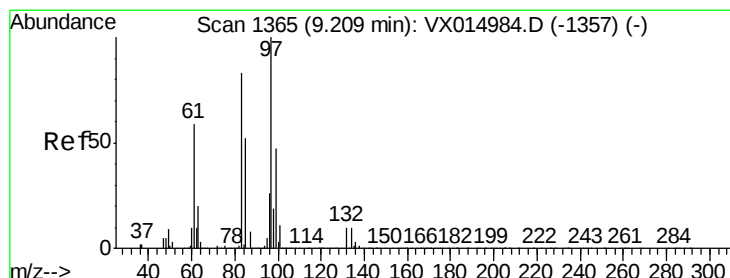
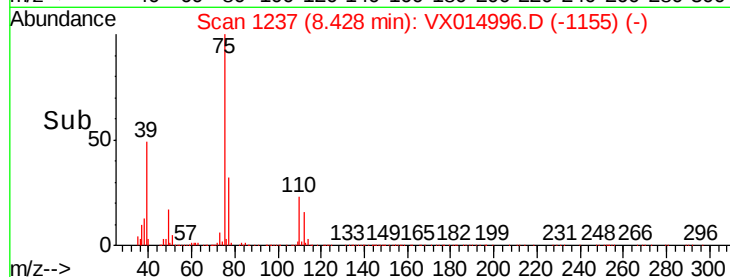
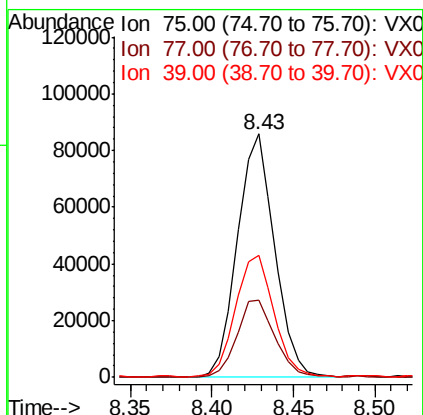
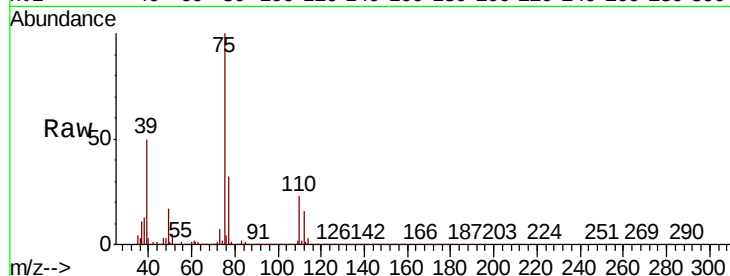


#49

cis-1,3-Dichloropropene
 Concen: 18.895 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

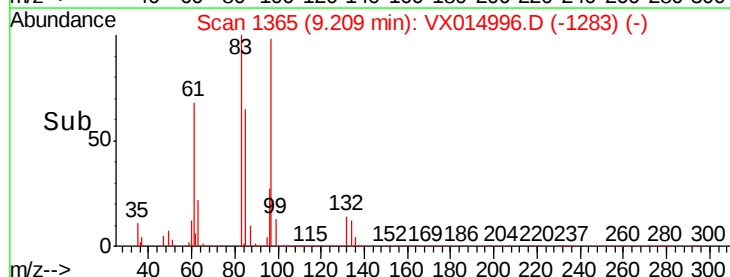
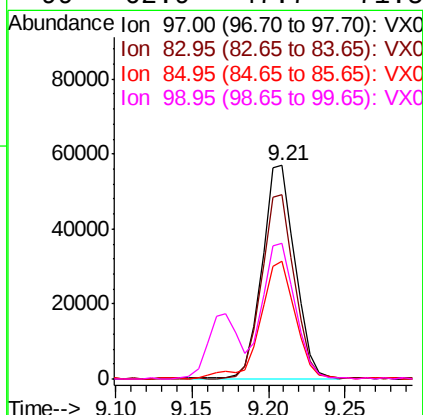
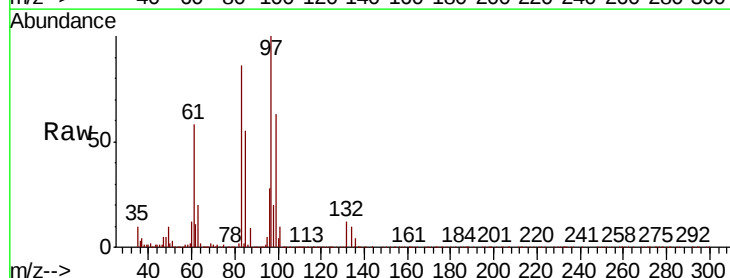
Tot Ion:	75	Resp:	136537
Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	49.6	41.5	62.3

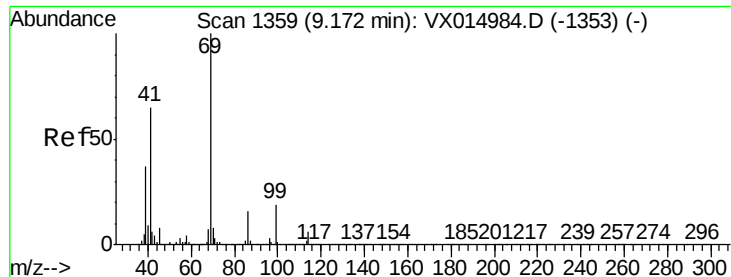


#50

1,1,2-Trichloroethane
 Concen: 19.050 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion:	97	Resp:	84995
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.2	99.2
85	55.2	42.4	63.6
99	62.9	47.7	71.5





#51

Ethyl methacrylate

Concen: 18.657 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

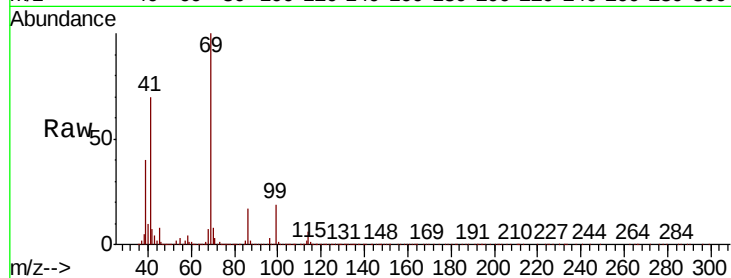
Tot Ion: 69 Resp: 128484

Ion Ratio Lower Upper

69 100

41 69.6 32.7 98.1

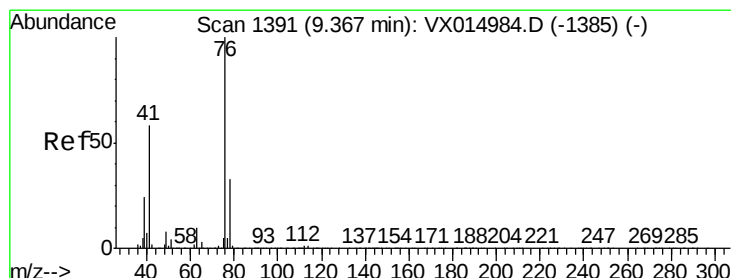
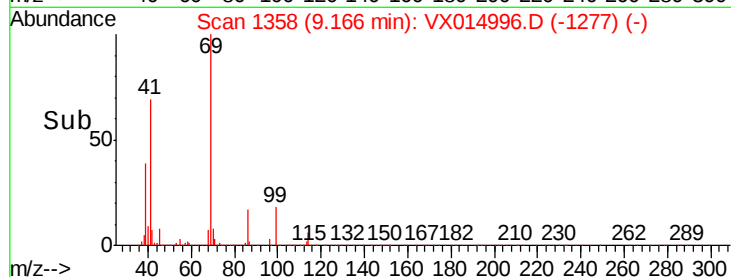
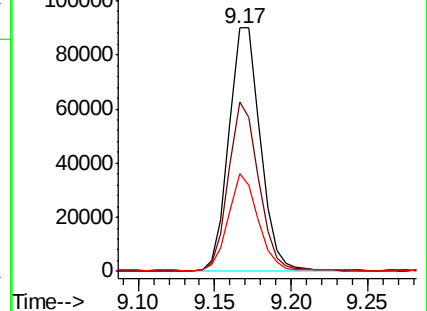
39 39.7 18.2 54.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.034 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014996.D

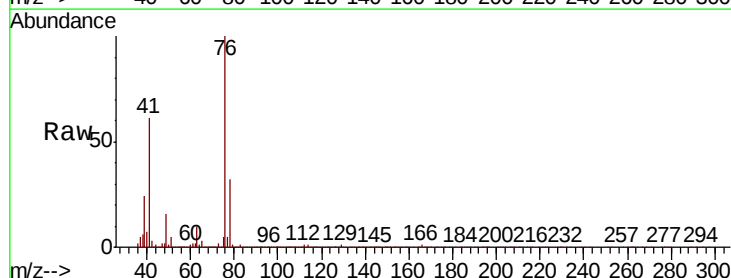
Acq: 21 Feb 2020 16:39

Tgt Ion: 76 Resp: 143664

Ion Ratio Lower Upper

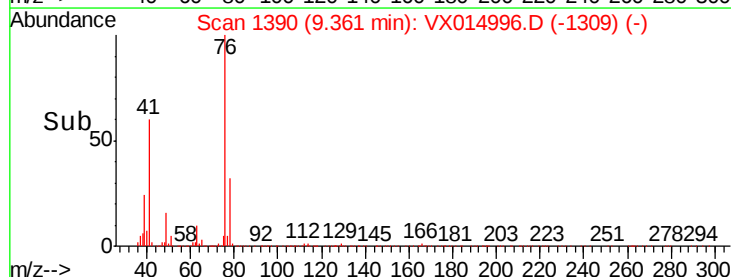
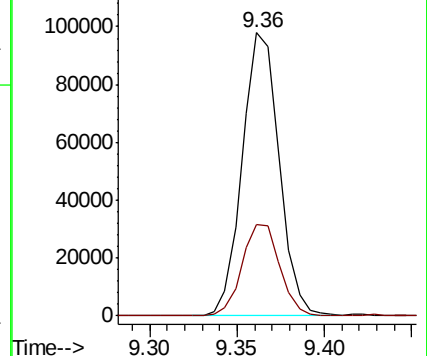
76 100

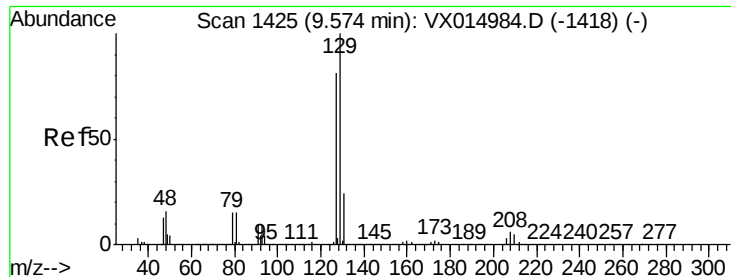
78 33.2 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.942 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

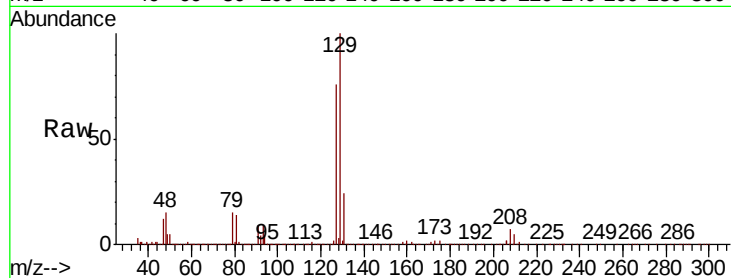
VSTDCCC020EC

Tot Ion:129 Resp: 91376

Ion Ratio Lower Upper

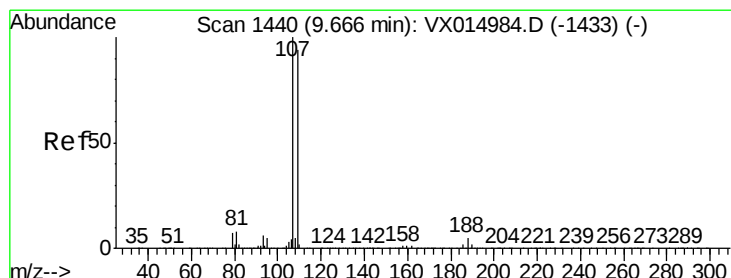
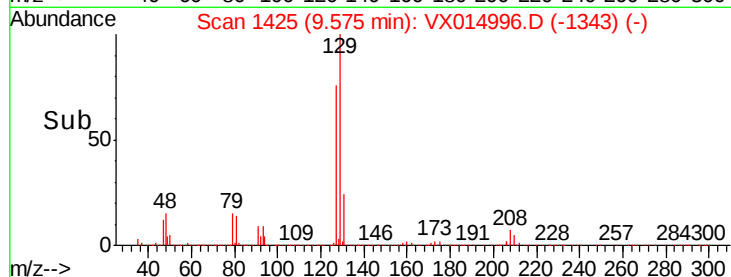
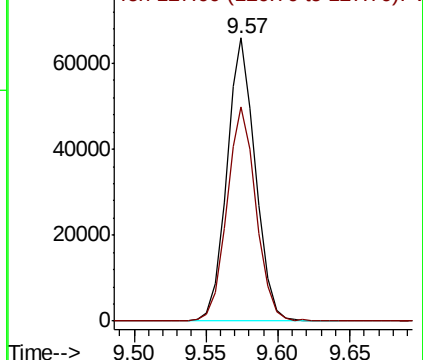
129 100

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: 19.235 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014996.D

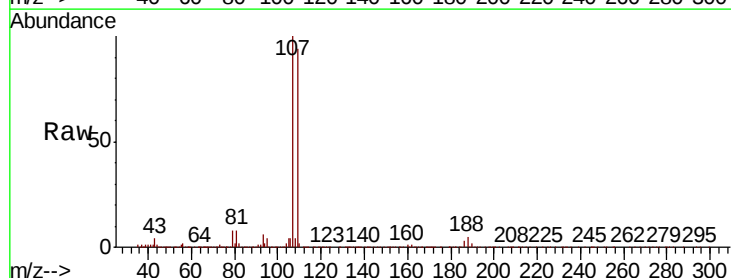
Acq: 21 Feb 2020 16:39

Tgt Ion:107 Resp: 91119

Ion Ratio Lower Upper

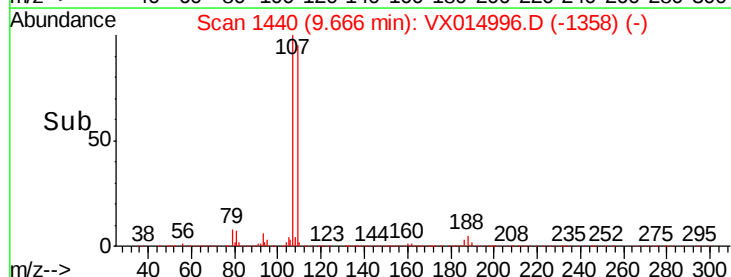
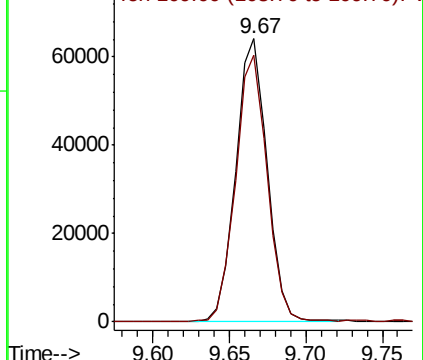
107 100

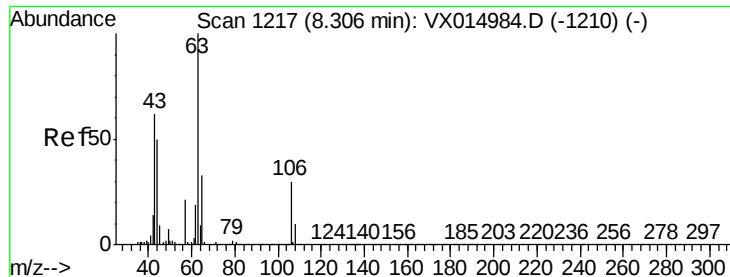
109 94.6 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

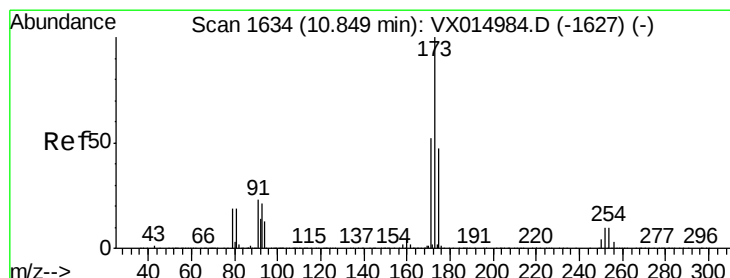
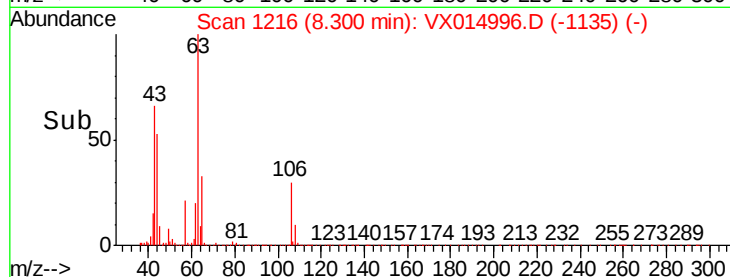
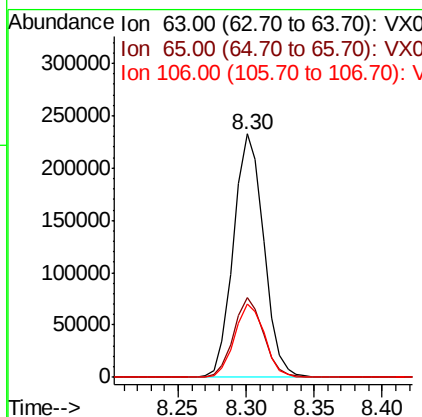
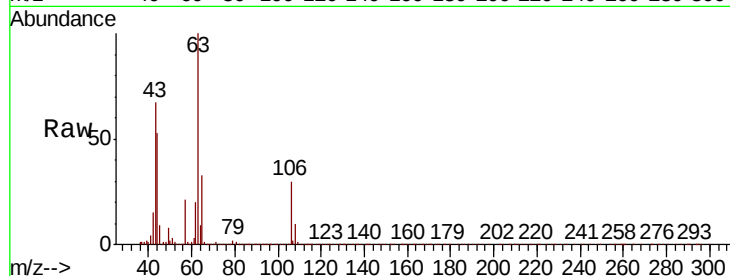




#55
2-Chloroethyl vinyl ether
Concen: 98.245 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

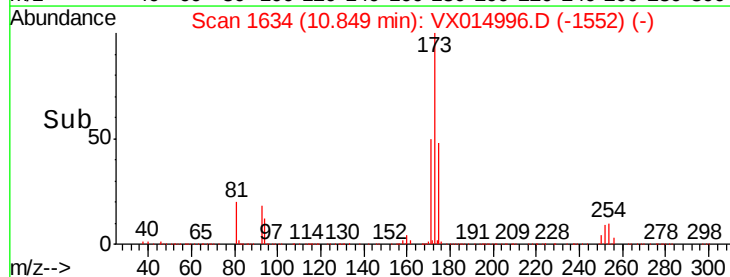
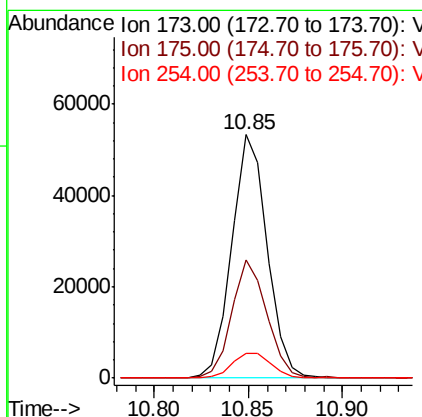
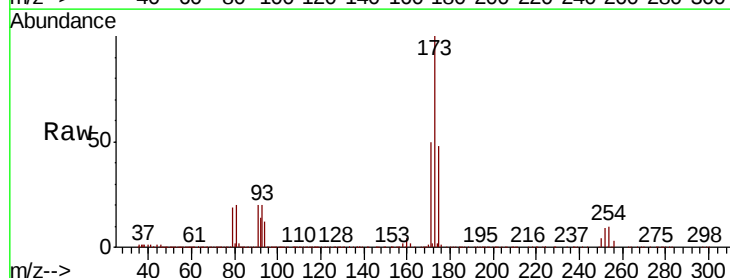
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

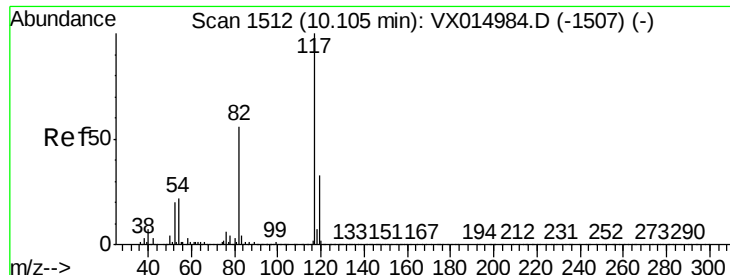
Tot Ion: 63 Resp: 360392
Ion Ratio Lower Upper
63 100
65 32.1 26.0 39.0
106 29.8 23.9 35.9



#56
Bromoform
Concen: 18.369 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 173 Resp: 69461
Ion Ratio Lower Upper
173 100
175 48.1 38.6 57.8
254 11.2 8.6 13.0

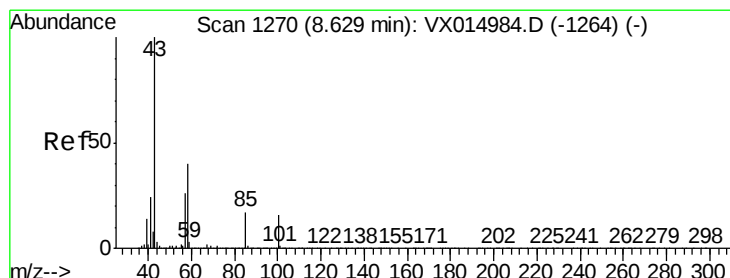
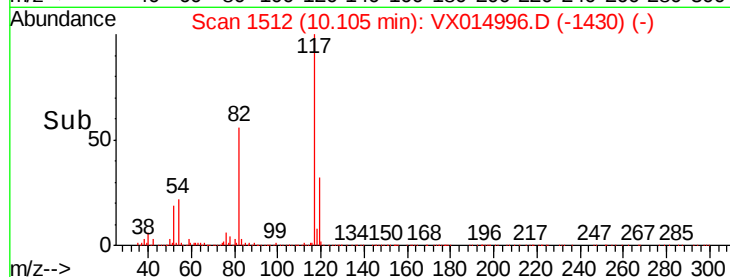
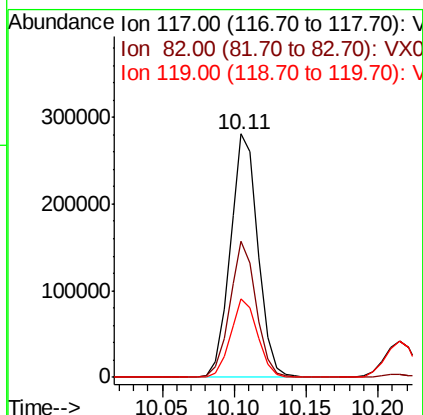
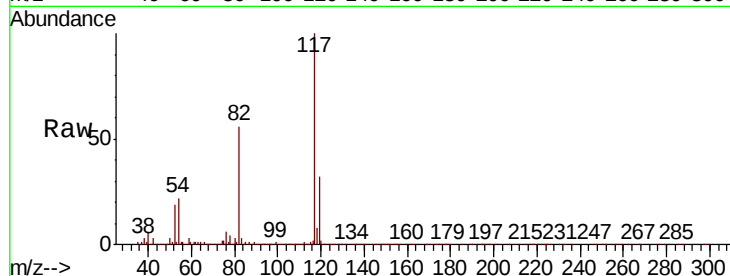




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

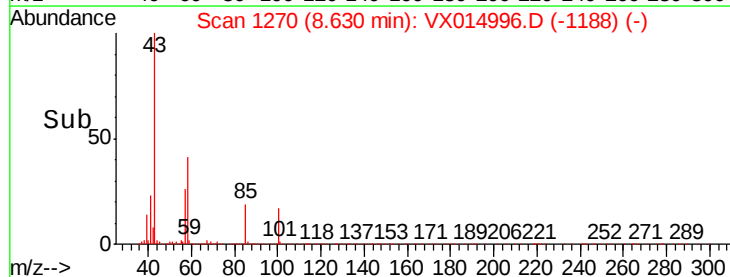
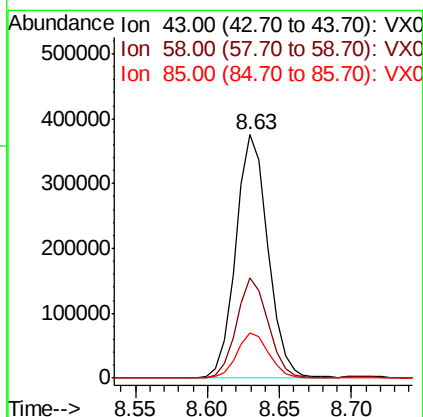
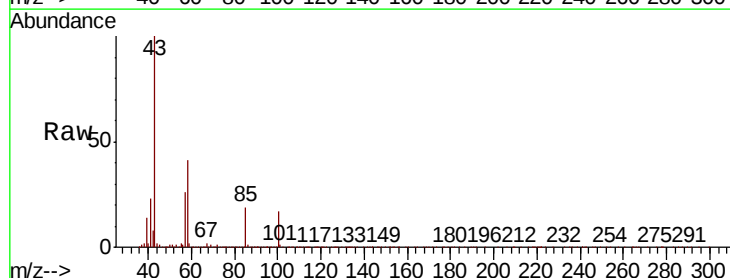
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

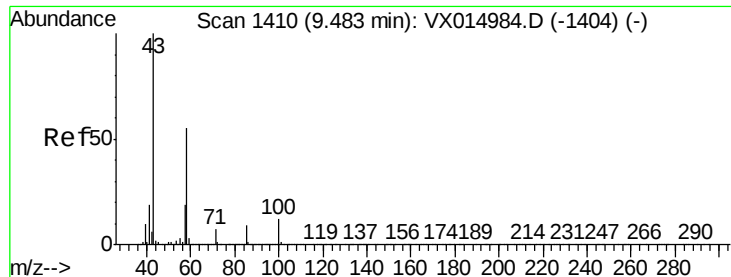
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.2
119	31.6	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 94.415 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.7	47.5
85	18.4	14.4	21.6

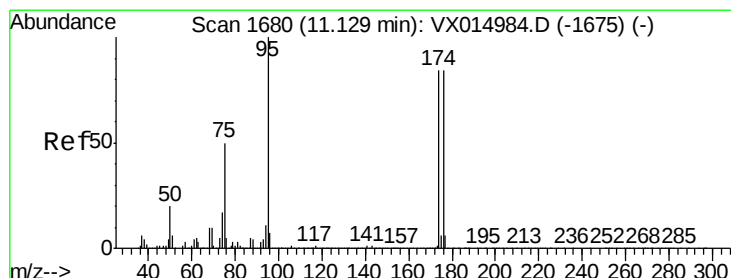
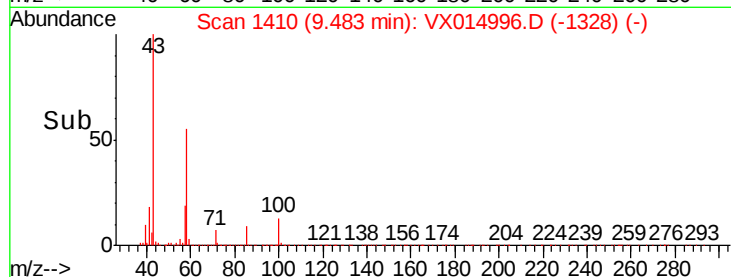
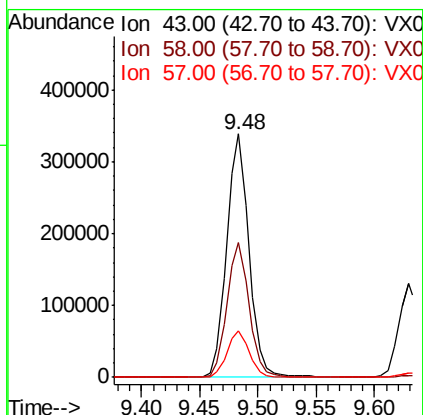
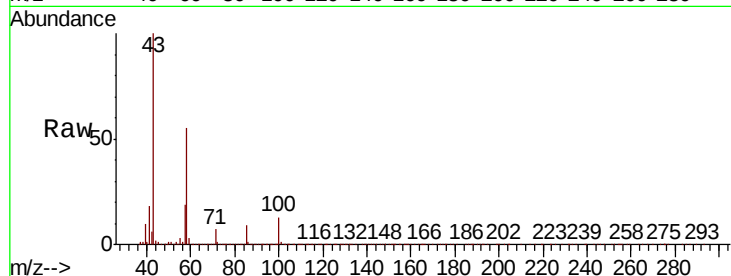




#59
2-Hexanone
Concen: 93.281 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

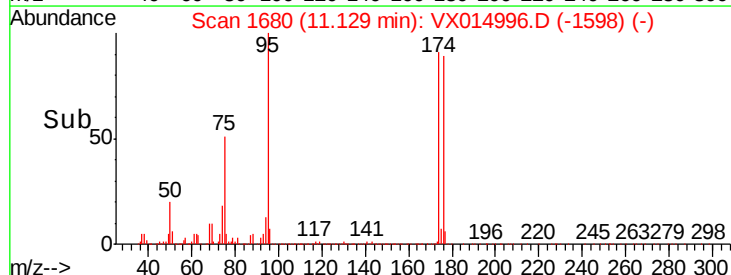
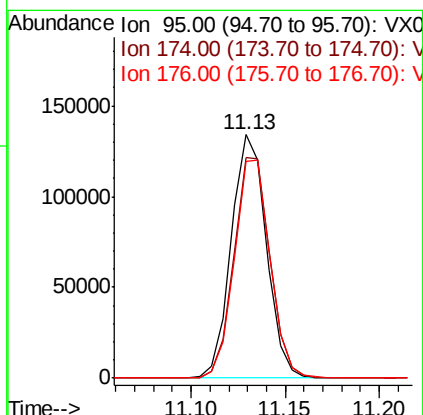
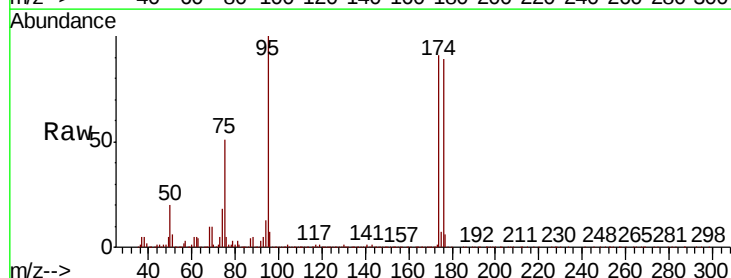
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

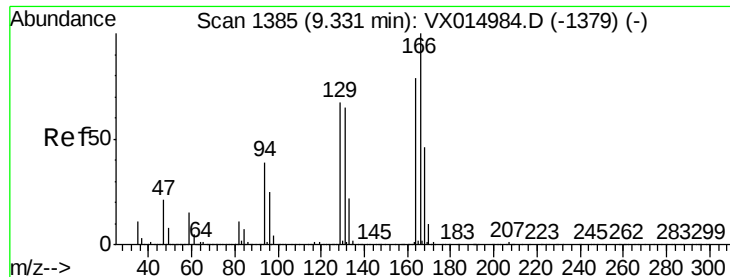
Tot Ion: 43 Resp: 449618
Ion Ratio Lower Upper
43 100
58 54.6 44.1 66.1
57 19.1 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 29.563 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 95 Resp: 173317
Ion Ratio Lower Upper
95 100
174 92.8 72.3 108.5
176 91.1 72.0 108.0





#61

Tetrachloroethene

Concen: 19.136 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 96746

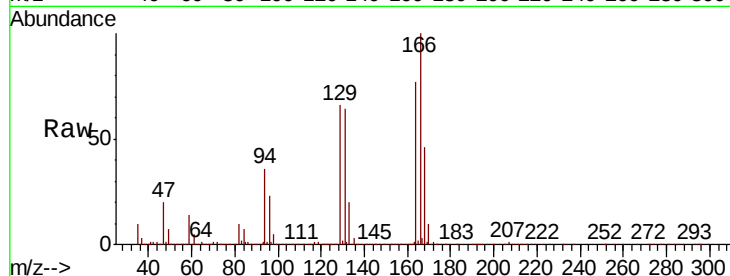
Ion Ratio Lower Upper

164 100

166 129.6 101.2 151.8

129 85.9 67.6 101.4

131 82.6 66.0 99.0

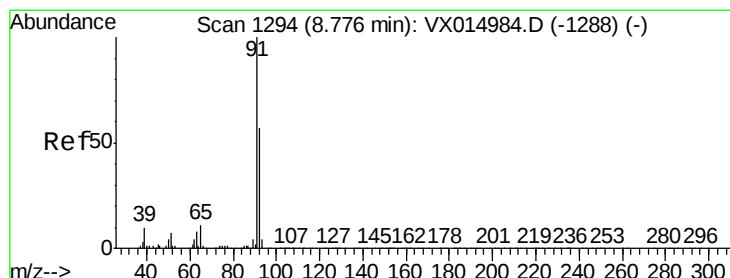
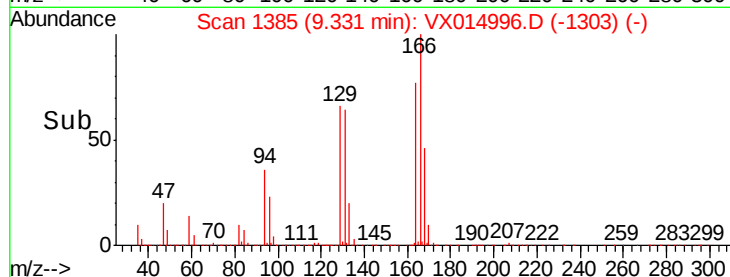
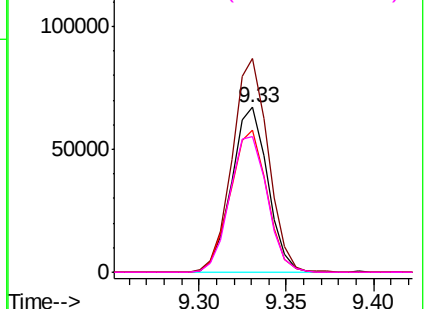


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.014 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014996.D

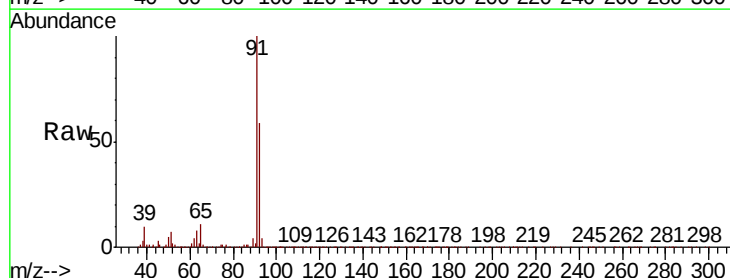
Acq: 21 Feb 2020 16:39

Tgt Ion: 91 Resp: 366597

Ion Ratio Lower Upper

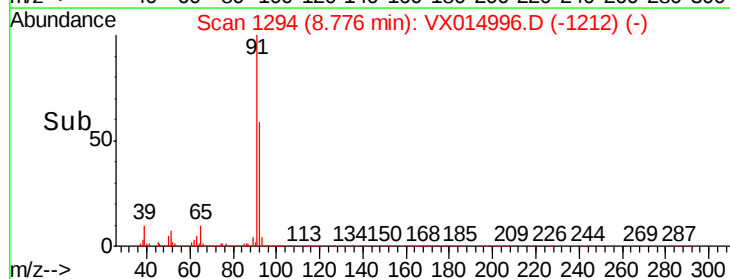
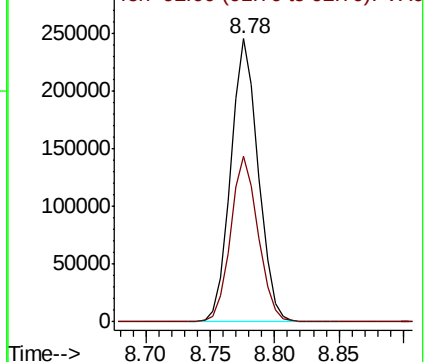
91 100

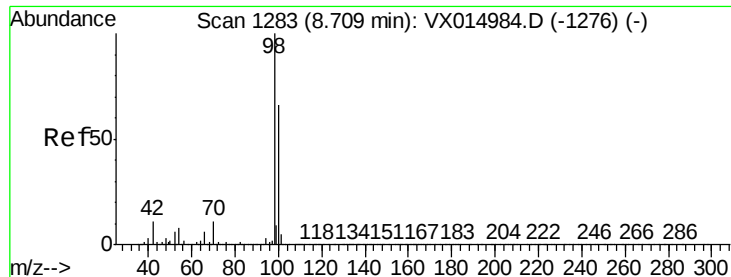
92 58.5 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.507 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

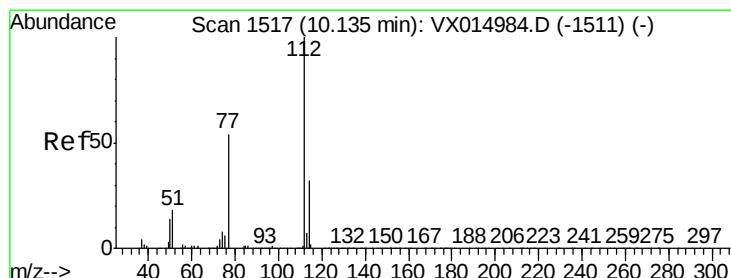
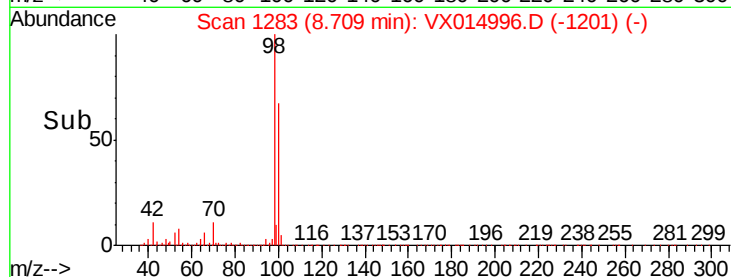
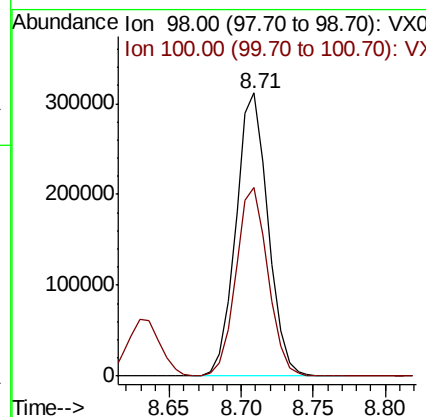
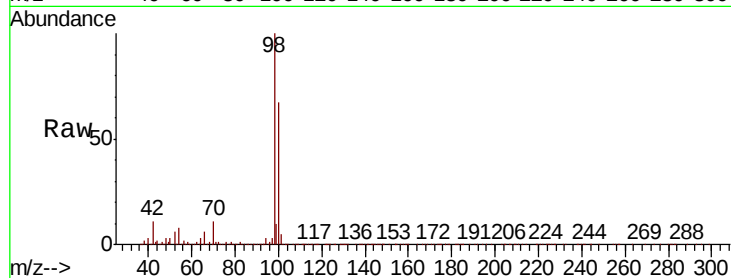
VSTDCCC020EC

Tot Ion: 98 Resp: 484351

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



#64

Chlorobenzene

Concen: 18.905 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014996.D

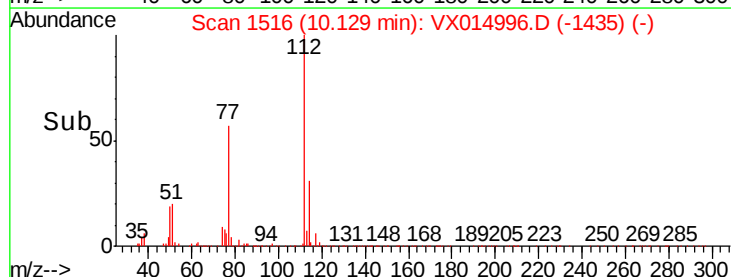
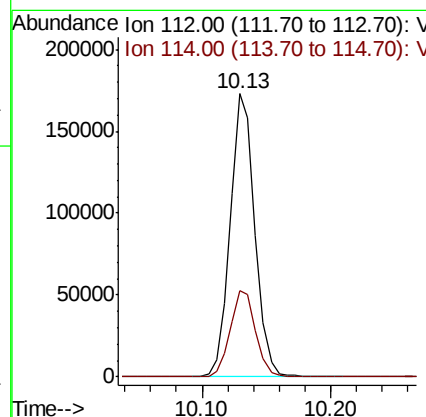
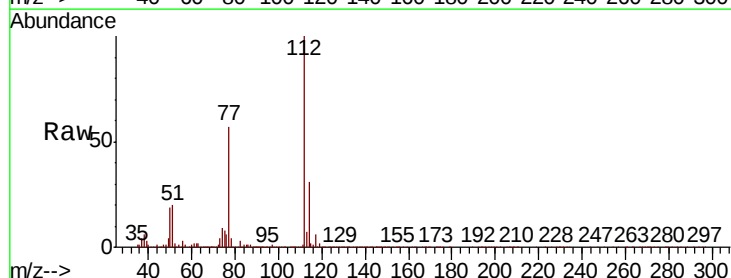
Acq: 21 Feb 2020 16:39

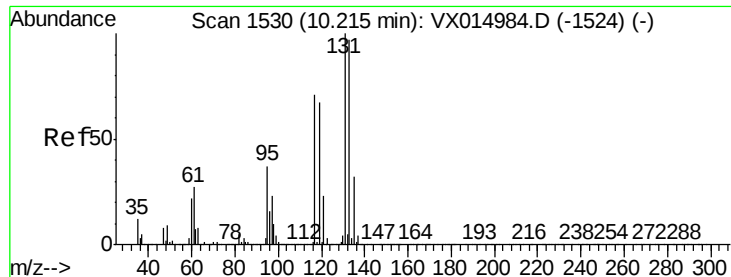
Tgt Ion: 112 Resp: 232646

Ion Ratio Lower Upper

112 100

114 30.5 25.8 38.6

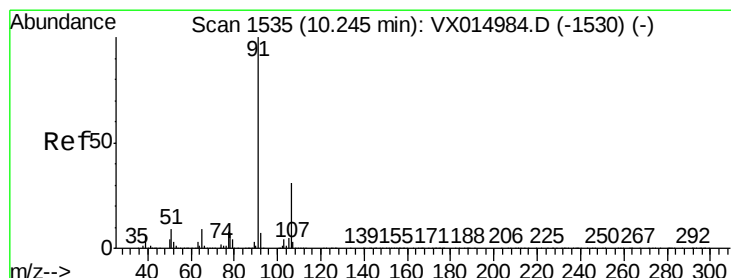
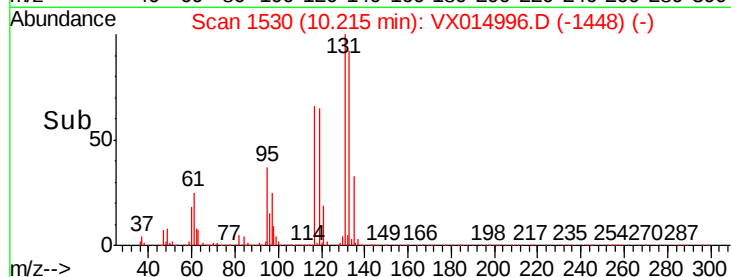
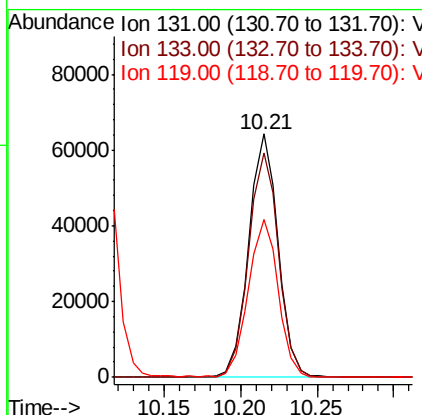
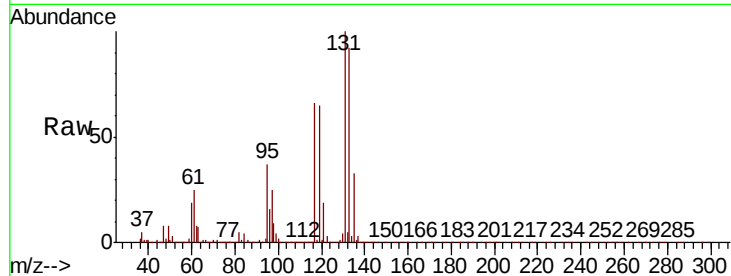




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.885 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

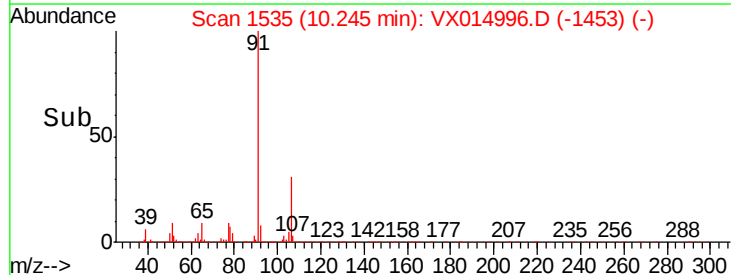
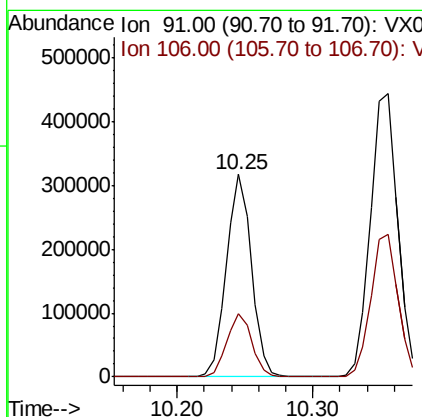
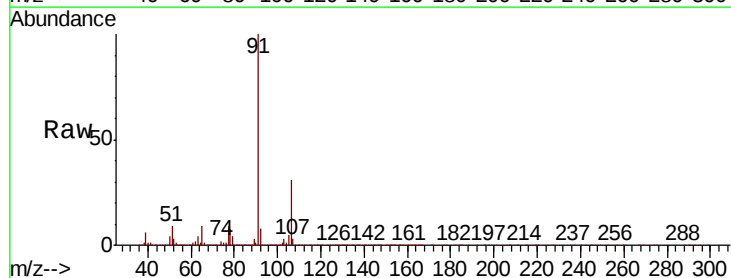
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

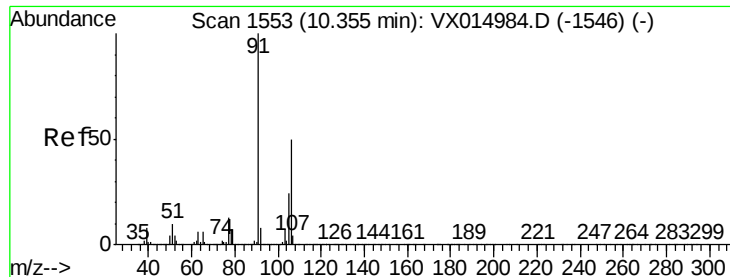
Tot Ion:131 Resp: 86086
 Ion Ratio Lower Upper
 131 100
 133 93.8 0.0 191.4
 119 65.2 0.0 132.0



#66
 Ethyl Benzene
 Concen: 19.054 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion: 91 Resp: 404672
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.7 37.1

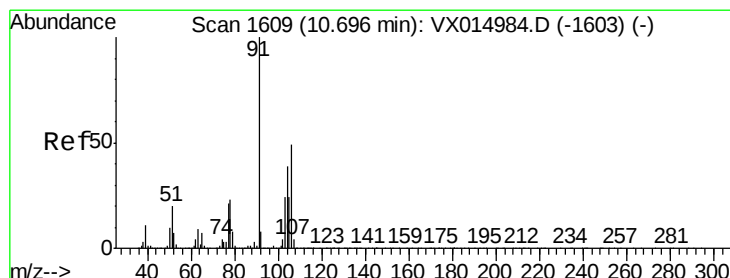
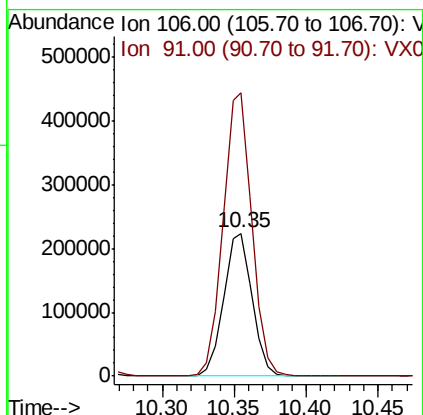
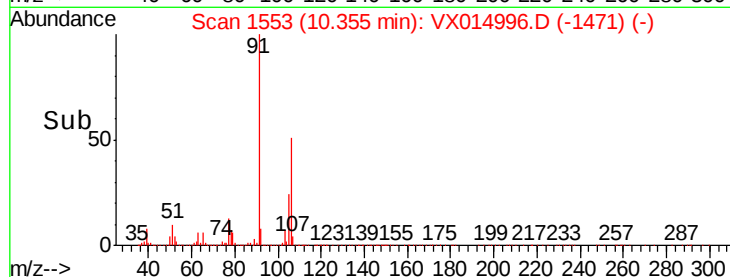
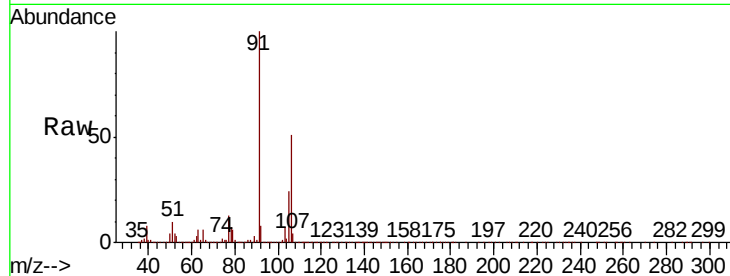




#67
m/p-Xylenes
Concen: 38.078 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

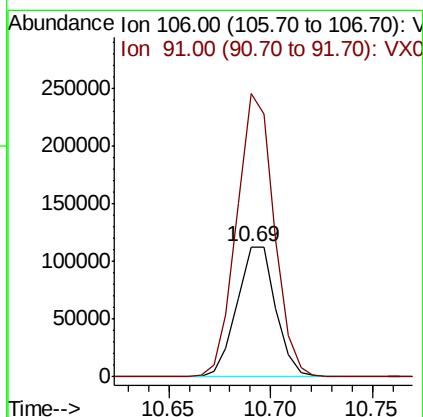
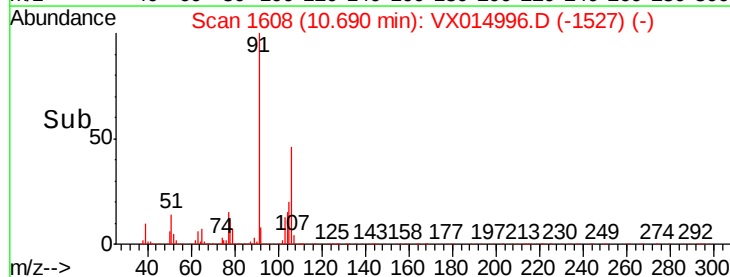
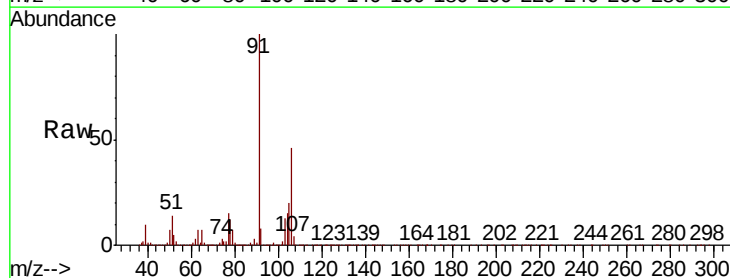
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

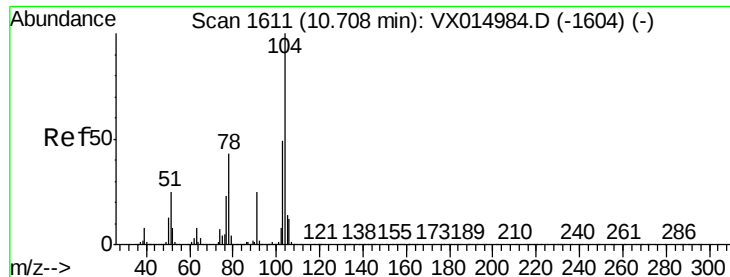
Tot Ion:106 Resp: 311852
Ion Ratio Lower Upper
106 100
91 198.3 160.4 240.6



#68
o-Xylene
Concen: 18.686 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion:106 Resp: 148071
Ion Ratio Lower Upper
106 100
91 210.6 105.3 315.9

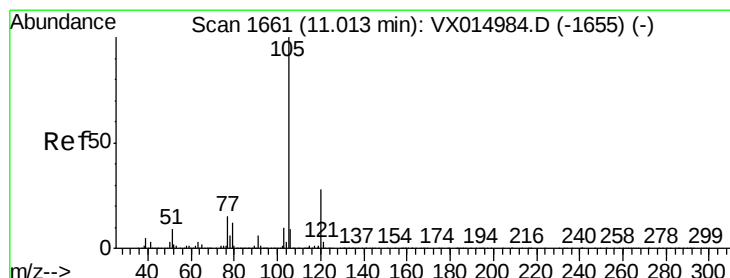
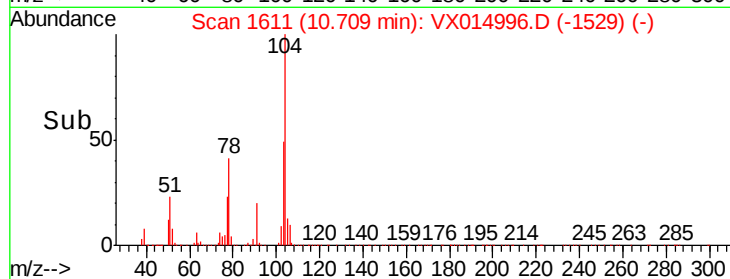
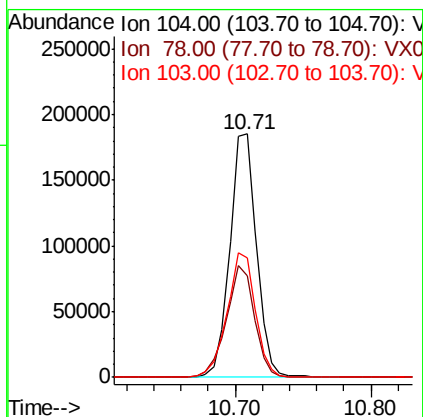
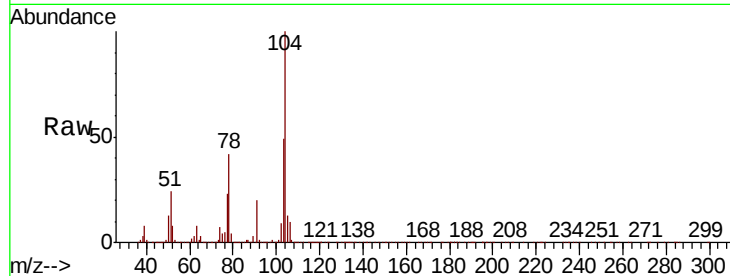




#69
Stvrene
Concen: 18.615 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

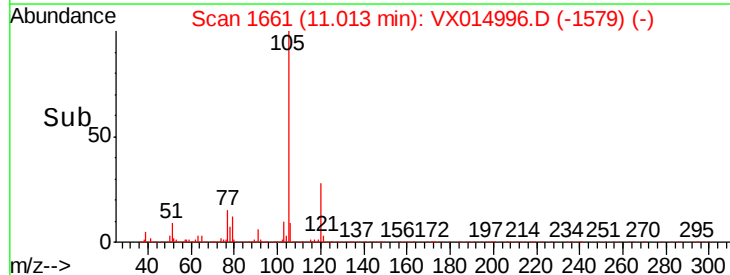
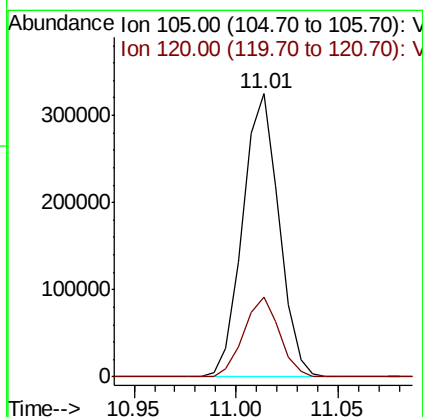
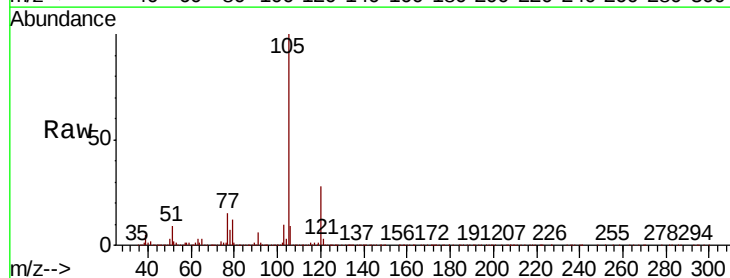
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

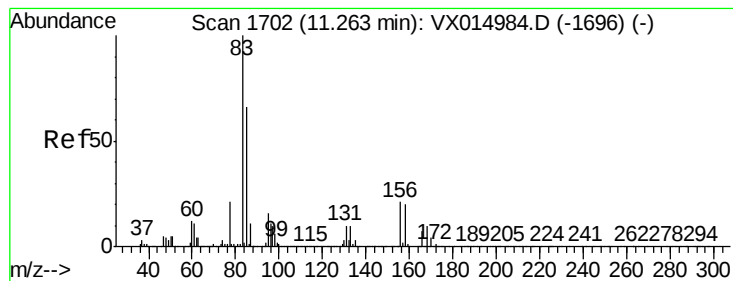
Tot Ion:104 Resp: 251928
Ion Ratio Lower Upper
104 100
78 48.5 39.4 59.2
103 54.2 42.9 64.3



#70
Isopropylbenzene
Concen: 19.105 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion:105 Resp: 402151
Ion Ratio Lower Upper
105 100
120 27.7 18.8 35.0

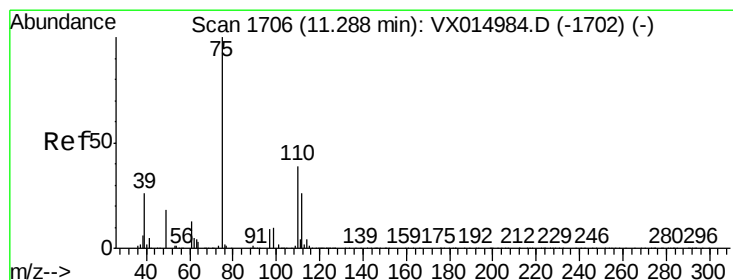
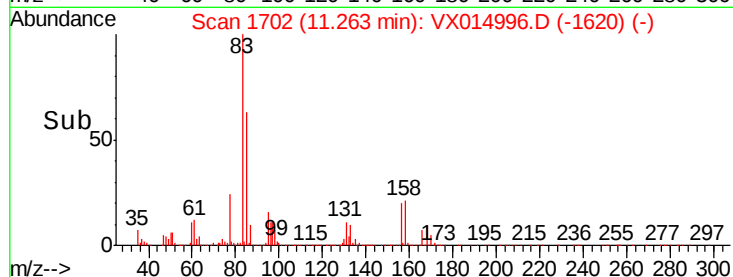
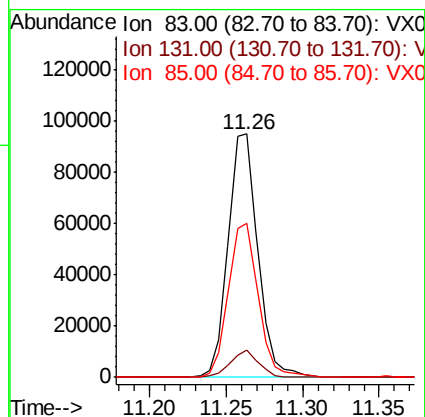
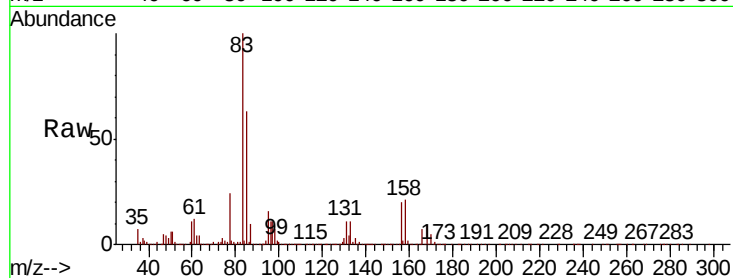




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.858 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

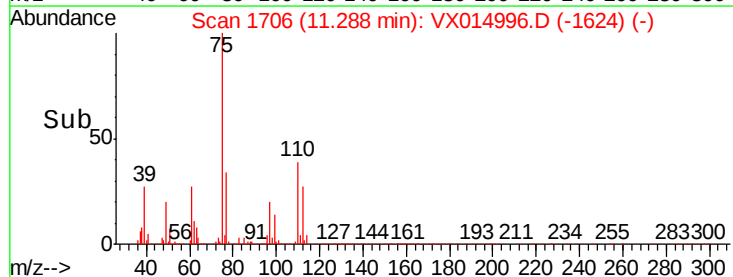
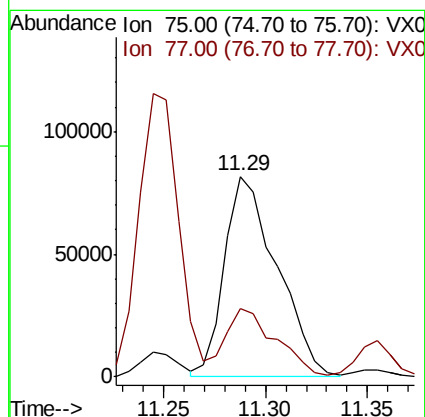
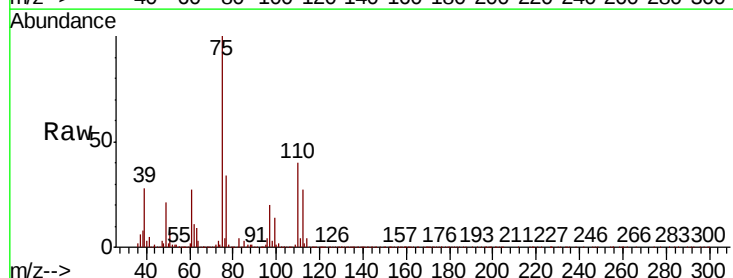
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

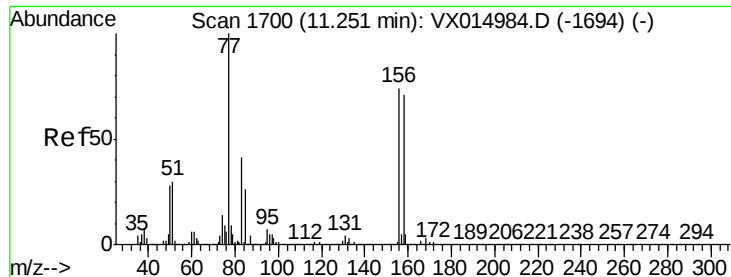
Tot Ion: 83 Resp: 127803
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.4
 85 63.8 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 25.922 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion: 75 Resp: 145723
 Ion Ratio Lower Upper
 75 100
 77 32.8 0.0 75.4





#73

Bromobenzene

Concen: 18.533 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

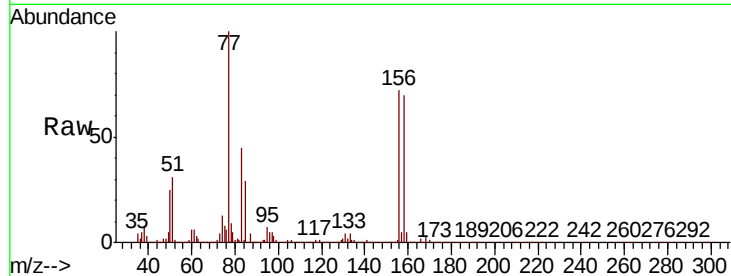
Tot Ion:156 Resp: 105405

Ion Ratio Lower Upper

156 100

77 148.5 0.0 286.8

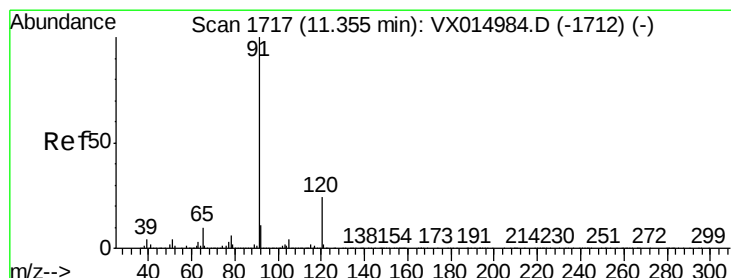
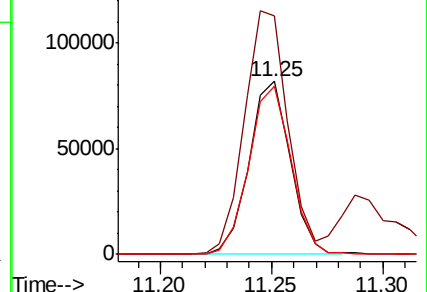
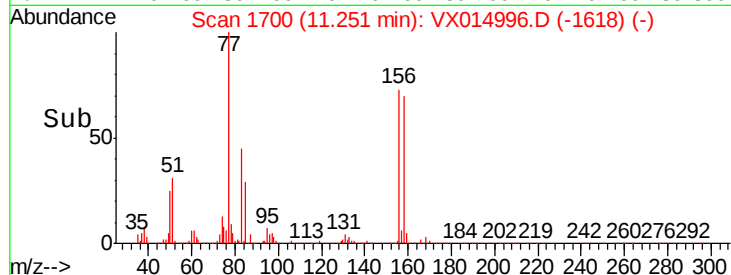
158 100.0 0.0 191.8



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: 19.351 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014996.D

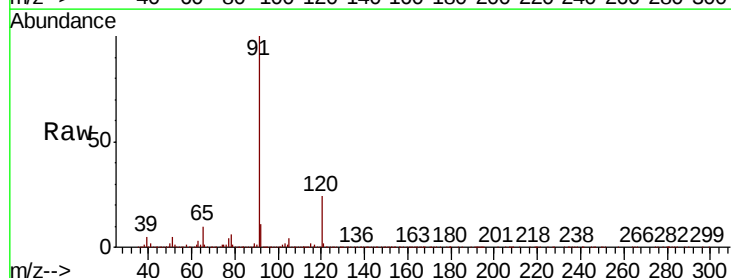
Acq: 21 Feb 2020 16:39

Tgt Ion: 91 Resp: 463602

Ion Ratio Lower Upper

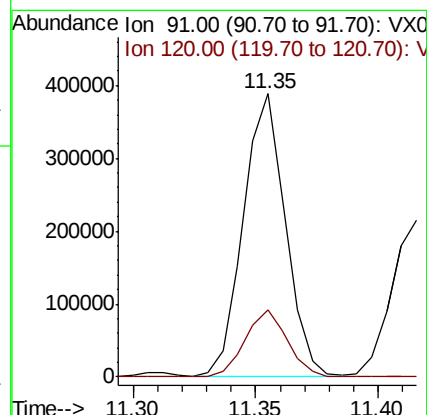
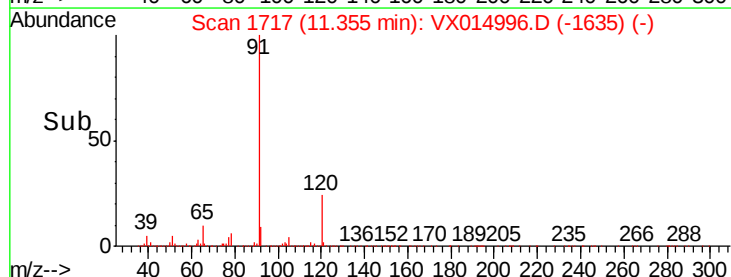
91 100

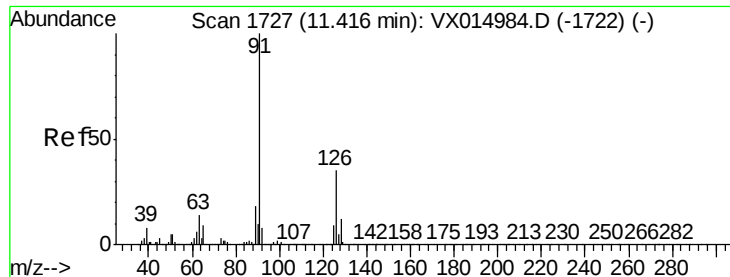
120 23.7 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.058 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

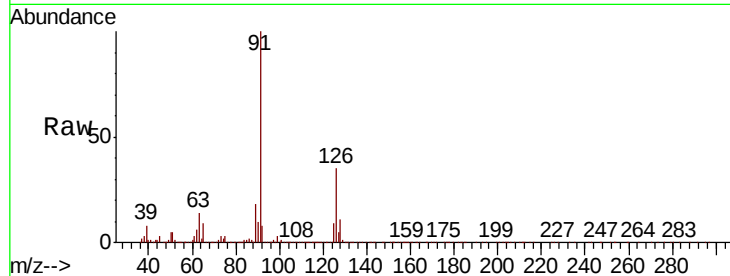
VSTDCCC020EC

Tot Ion: 91 Resp: 269817

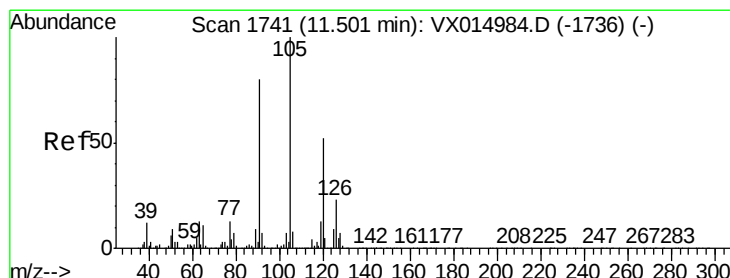
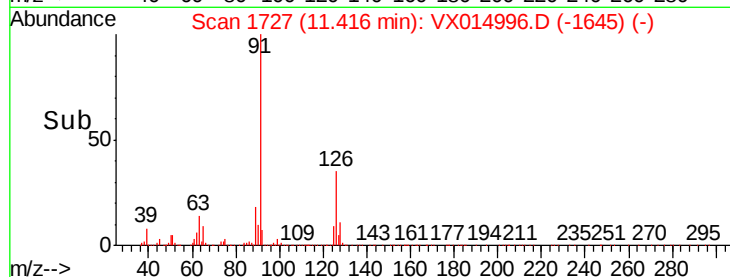
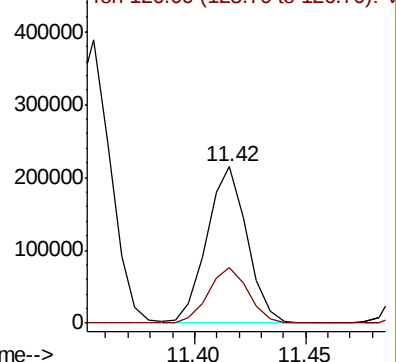
Ion Ratio Lower Upper

91 100

126 35.4 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX014984.D (-1722) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.046 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014996.D

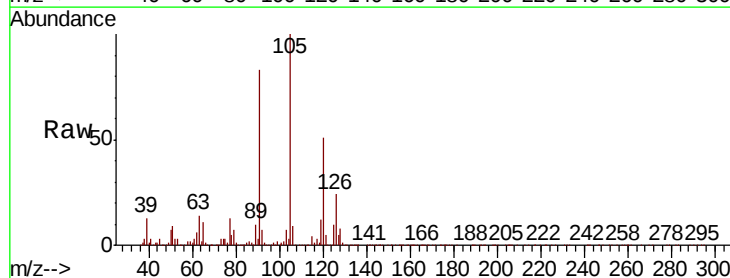
Acq: 21 Feb 2020 16:39

Tgt Ion: 105 Resp: 335990

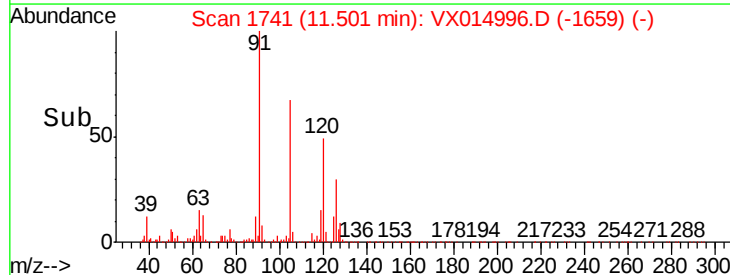
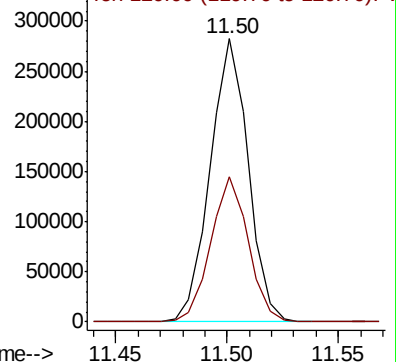
Ion Ratio Lower Upper

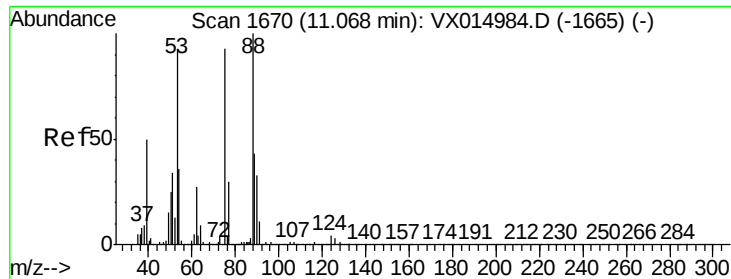
105 100

120 50.2 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX014984.D (-1736) (-)

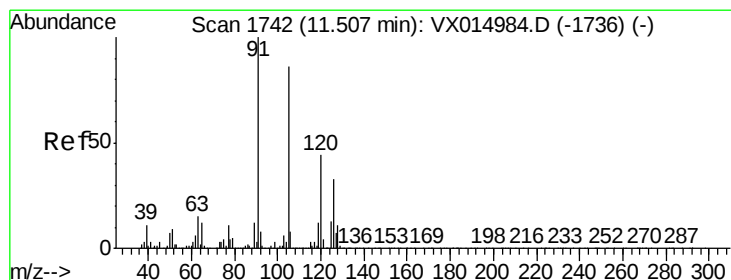
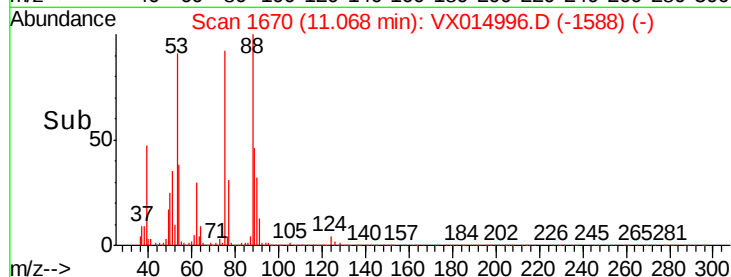
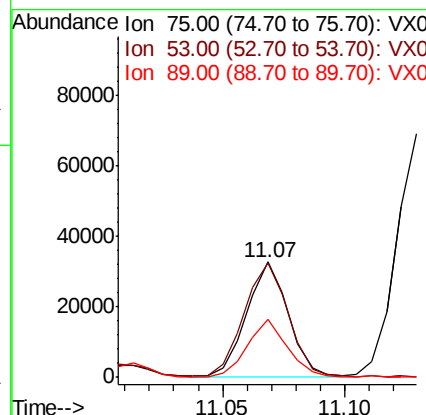
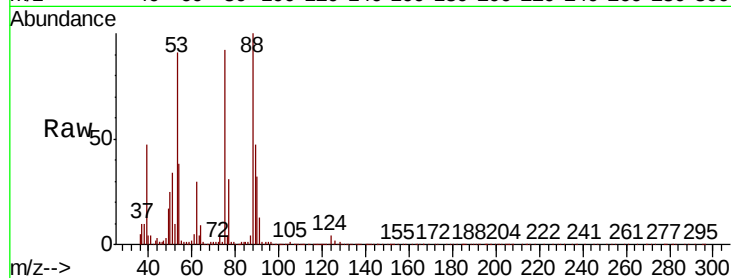




#77
t-1,4-Dichloro-2-butene
Concen: 17.041 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

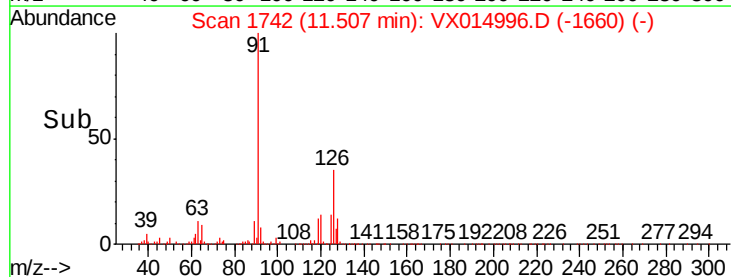
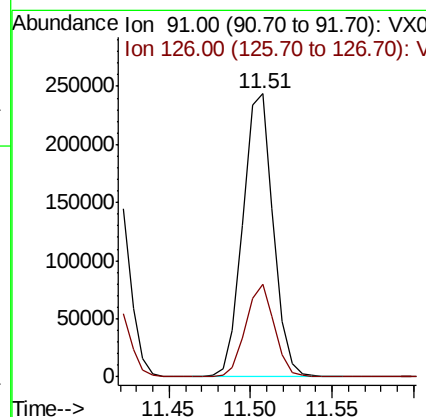
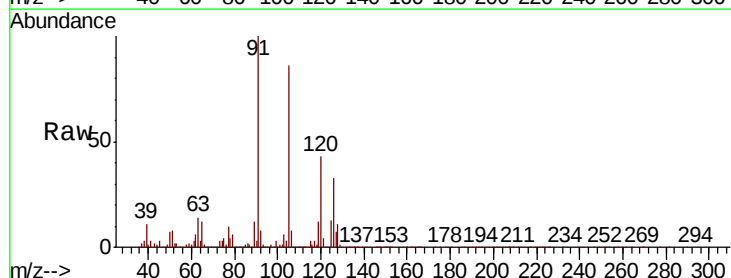
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

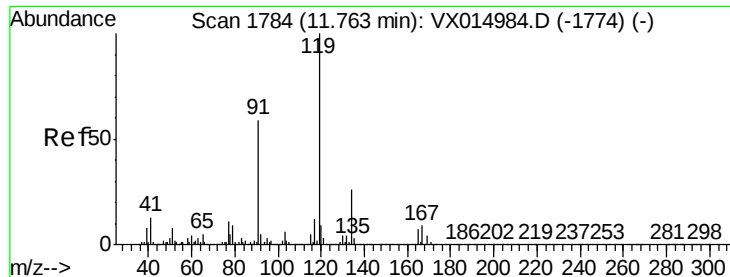
Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	50.0	149.8
89	50.2	23.5	70.5



#78
4-Chlorotoluene
Concen: 19.209 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	62.0

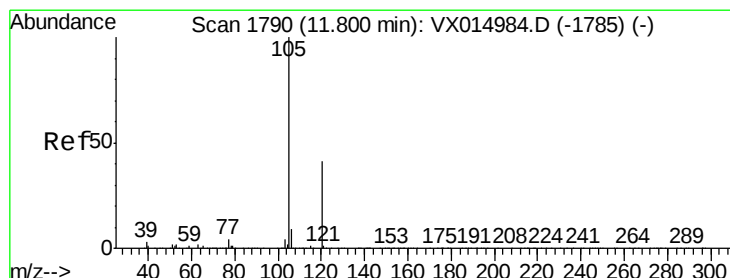
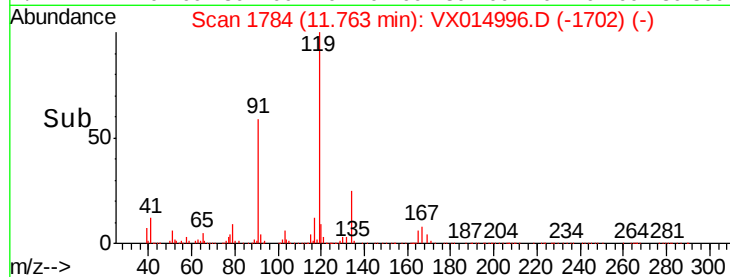
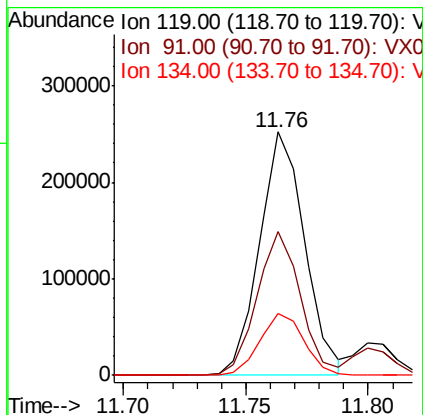
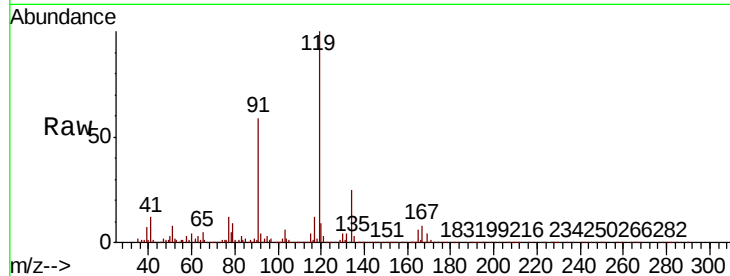




#79
tert-butylbenzene
Concen: 18.936 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

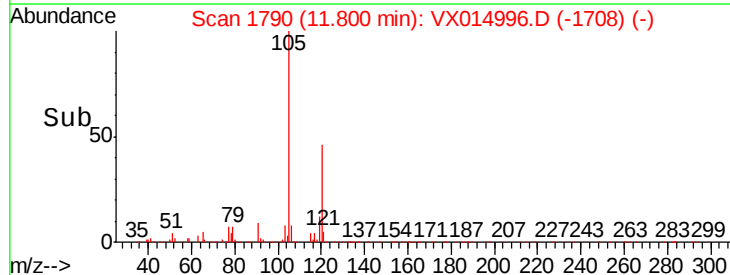
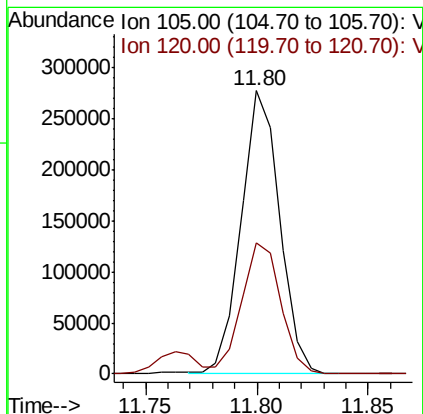
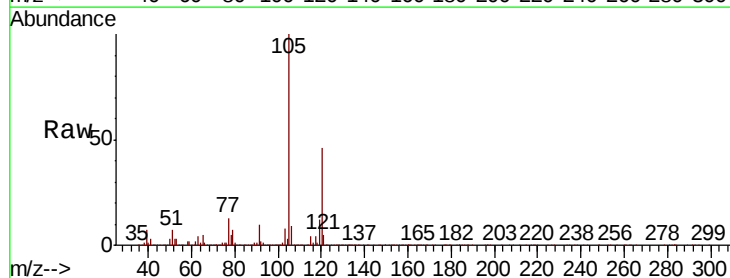
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

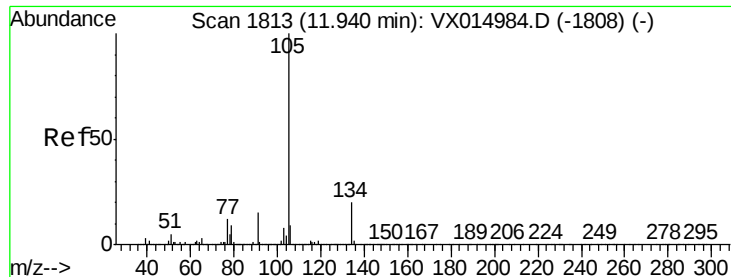
Tot Ion:119 Resp: 322721
Ion Ratio Lower Upper
119 100
91 56.7 0.0 114.4
134 25.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.049 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion:105 Resp: 334071
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.4

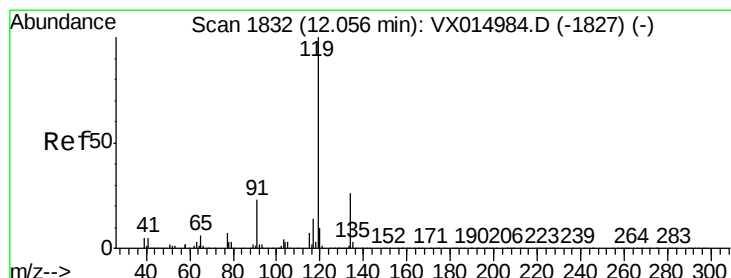
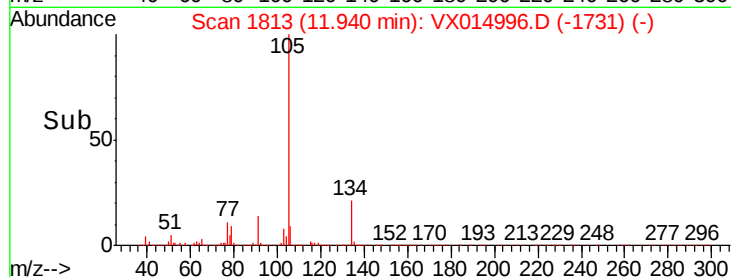
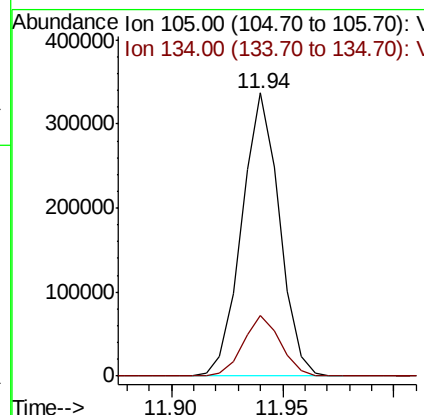
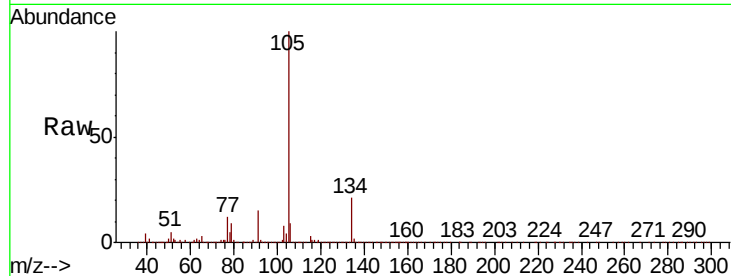




#81
 sec-Butylbenzene
 Concen: 19.376 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

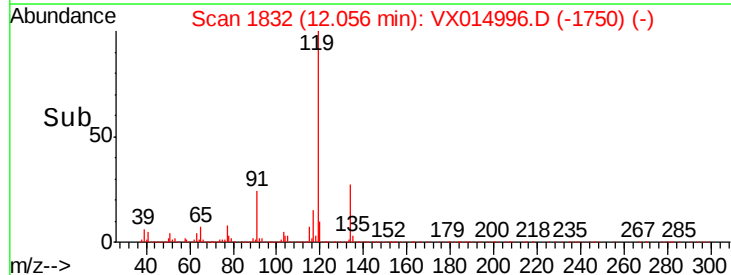
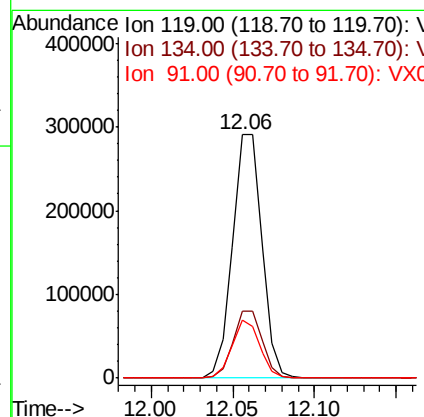
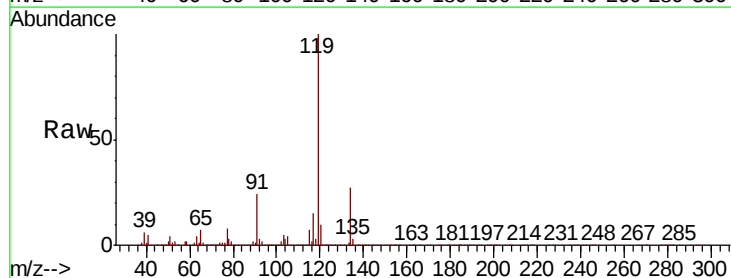
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

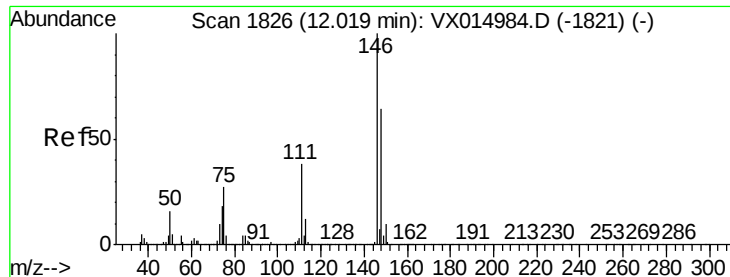
Tot Ion:105 Resp: 395466
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 19.266 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion:119 Resp: 365320
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.2
 91 22.5 0.0 44.6

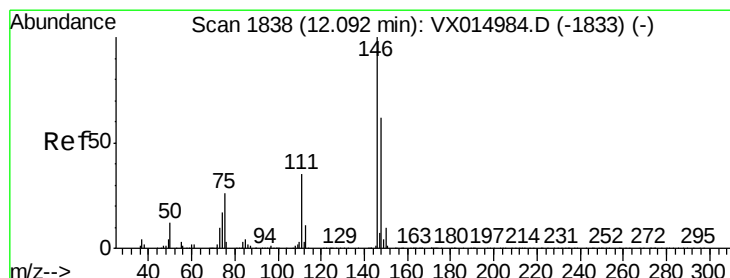
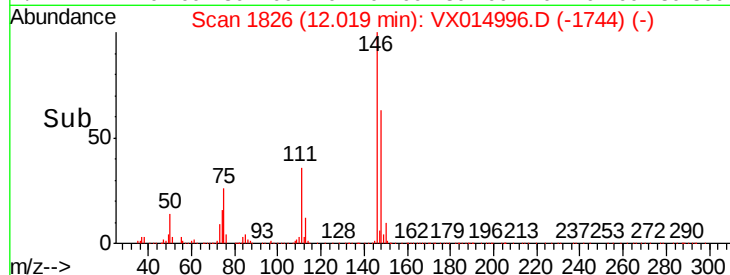
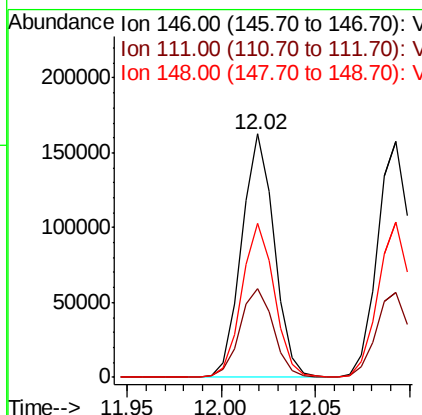
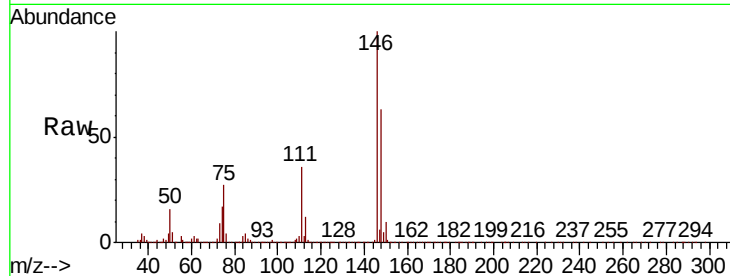




#83
 1,3-Dichlorobenzene
 Concen: 19.577 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

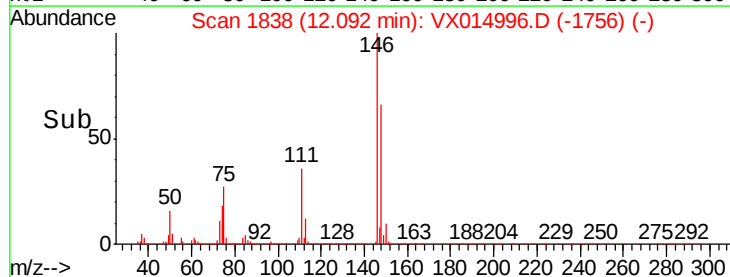
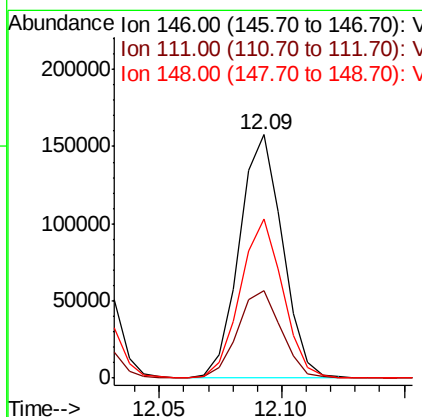
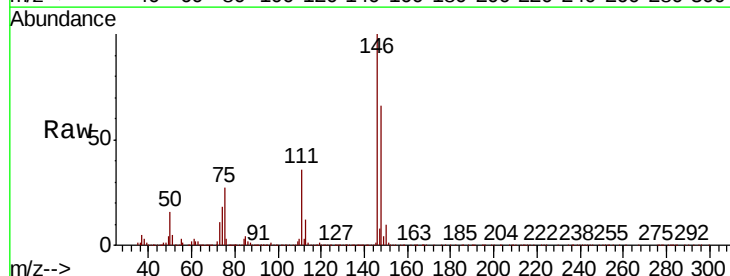
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

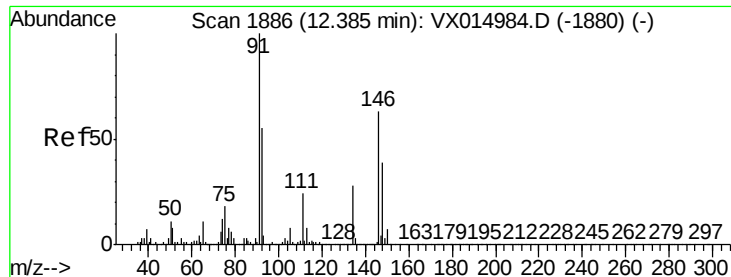
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.3	57.9
148	63.3	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 19.091 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.8	53.5
148	65.3	31.4	94.2

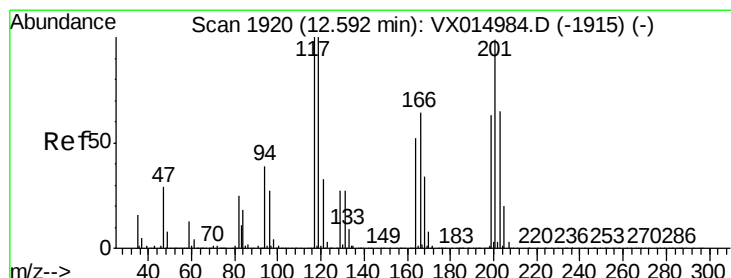
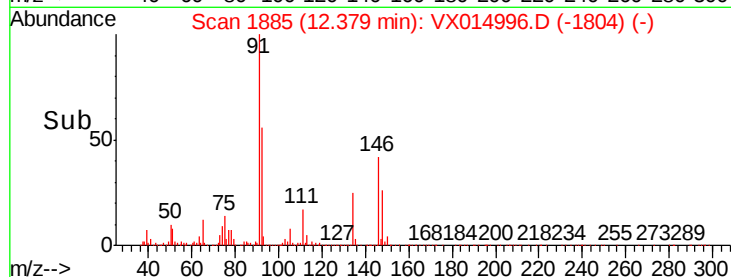
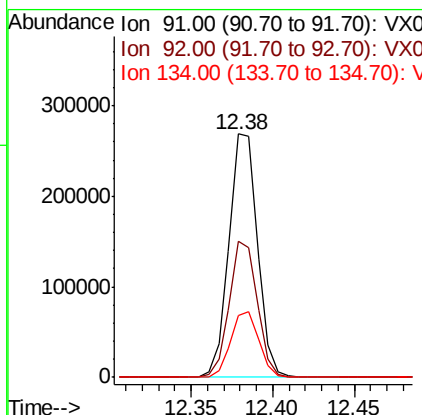
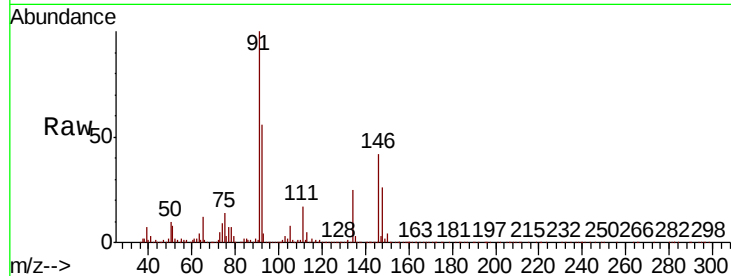




#85
n-Butylbenzene
Concen: 19.810 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

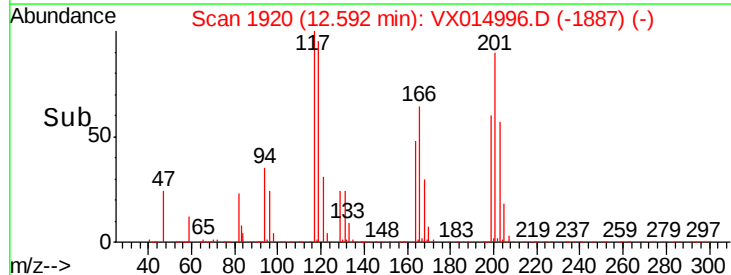
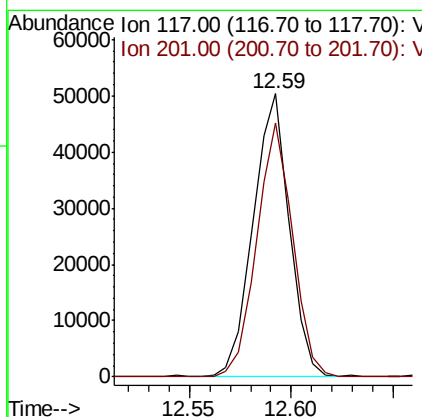
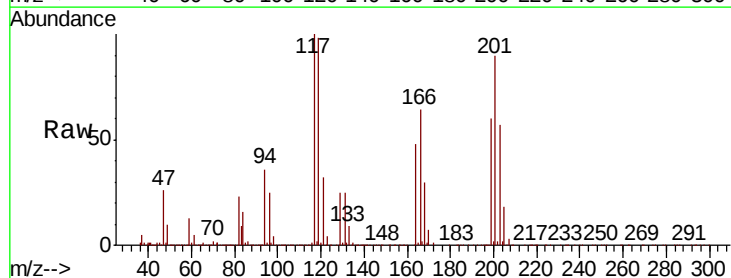
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

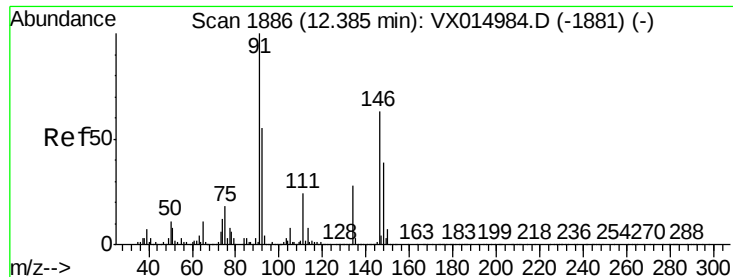
Tot Ion: 91 Resp: 326865
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.8
134 26.6 0.0 54.8



#86
Hexachloroethane
Concen: 18.139 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 117 Resp: 62170
Ion Ratio Lower Upper
117 100
201 89.2 45.6 136.7





#87

1,2-Dichlorobenzene

Concen: 19.094 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

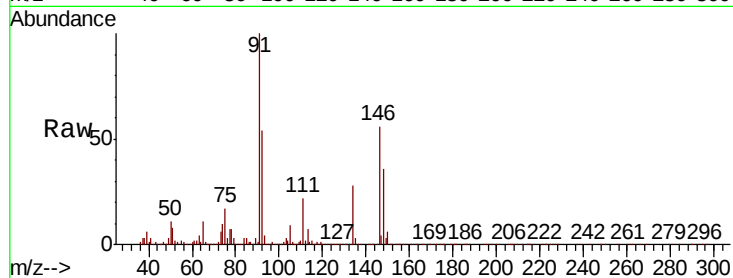
Tot Ion:146 Resp: 189438

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

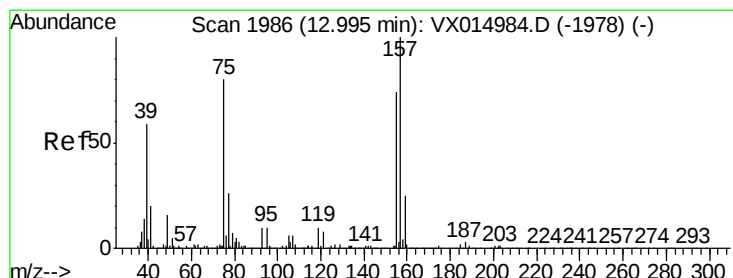
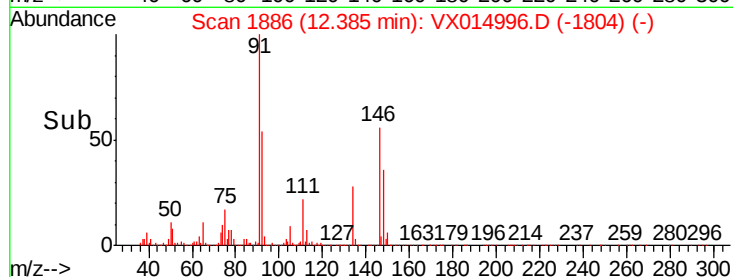
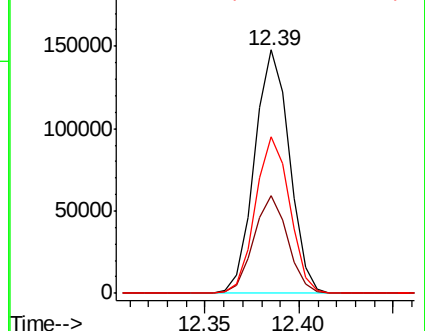
148 63.6 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.598 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014996.D

Acq: 21 Feb 2020 16:39

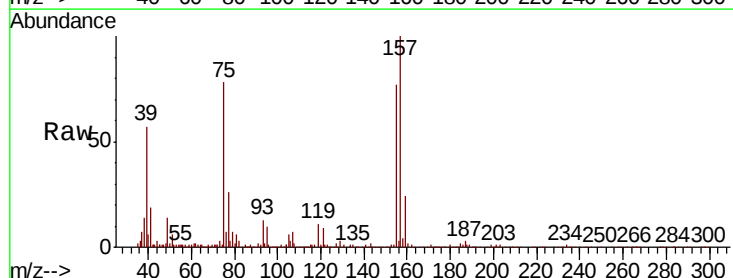
Tgt Ion: 75 Resp: 25975

Ion Ratio Lower Upper

75 100

155 96.0 74.5 111.7

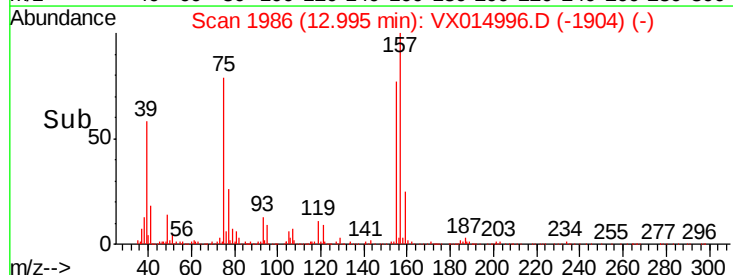
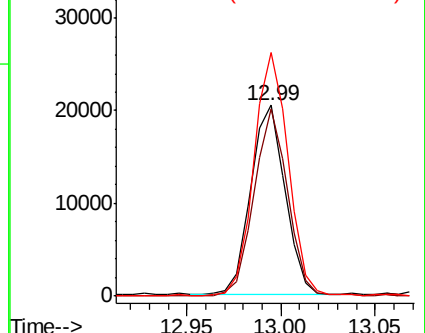
157 126.8 96.2 144.4

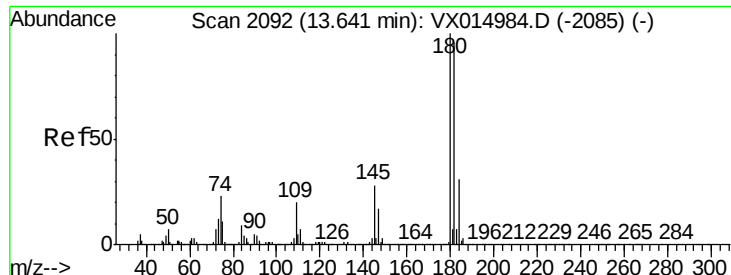


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

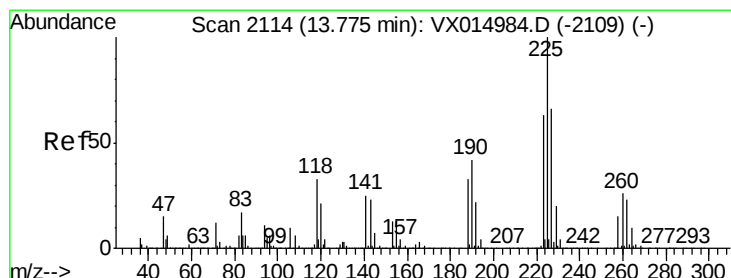
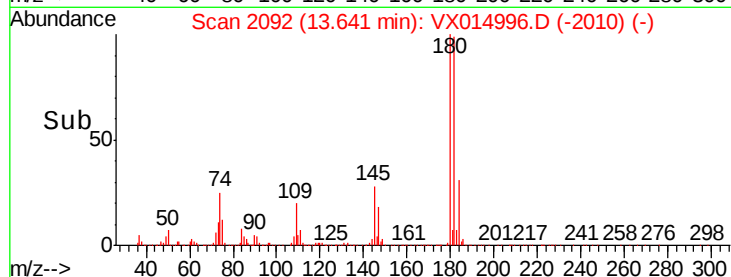
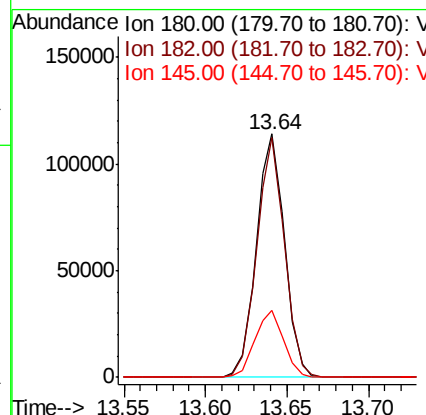
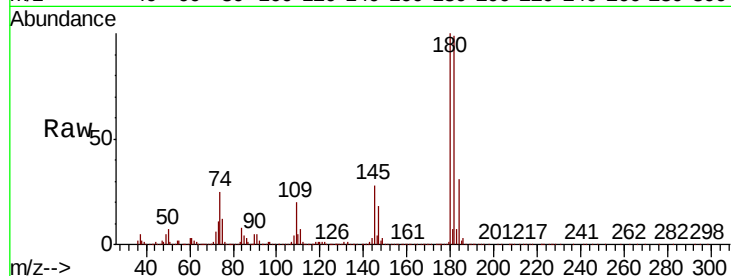




#89
 1,2,4-Trichlorobenzene
 Concen: 19.319 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

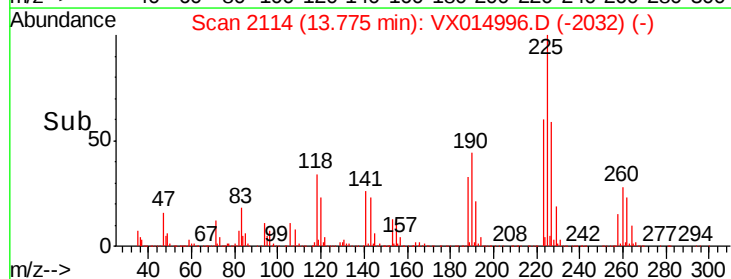
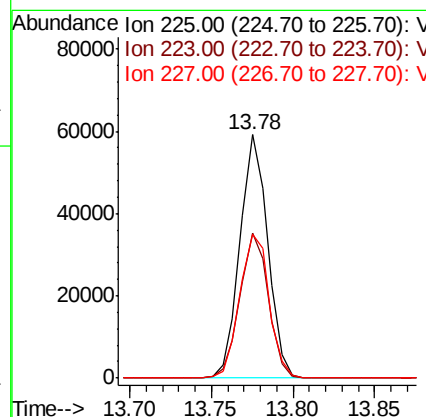
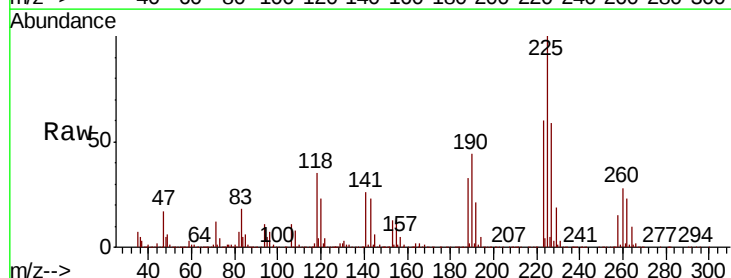
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

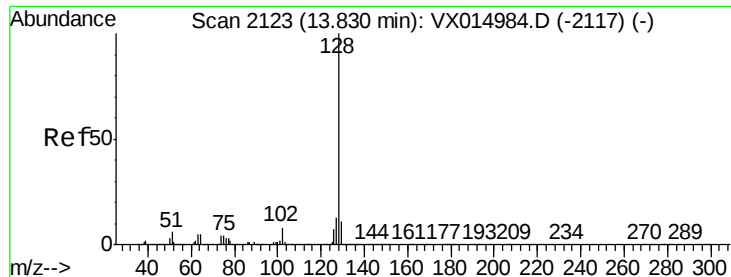
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.4	114.6
145	28.0	21.8	32.6



#90
 Hexachlorobutadiene
 Concen: 19.932 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014996.D
 Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	0.0	132.0
227	62.2	0.0	131.0

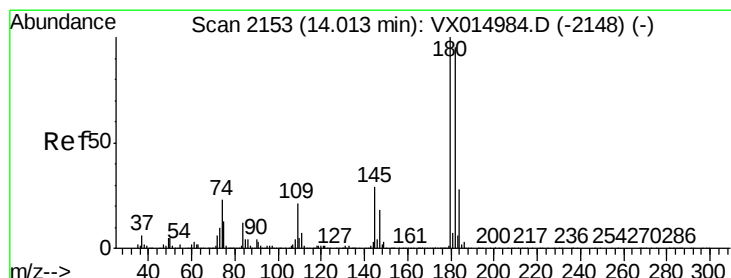
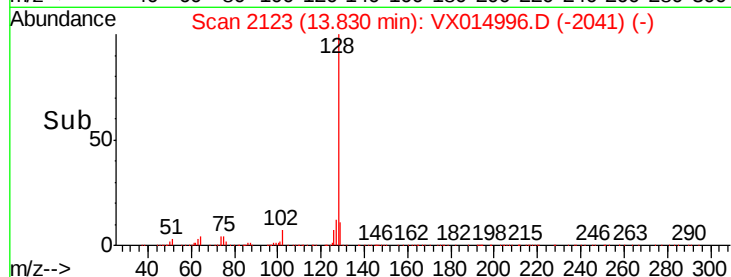
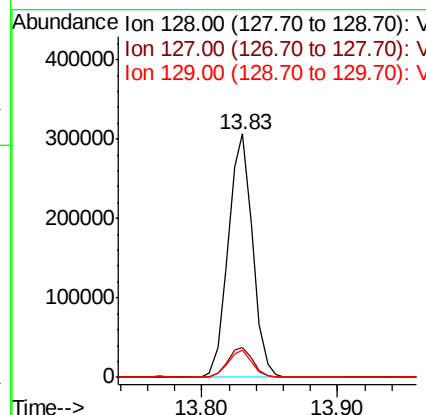
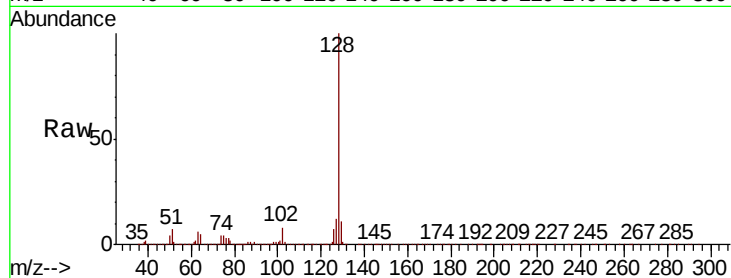




#91
Naphthalene
Concen: 18.718 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 378080
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.293 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014996.D
Acq: 21 Feb 2020 16:39

Tgt Ion:180 Resp: 136663
Ion Ratio Lower Upper
180 100
182 95.6 0.0 192.4
145 29.8 0.0 60.4

