

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015280.D
 Acq On : 14 Mar 2020 00:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Mar 16 08:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	49660	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	282552	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	277053	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	99303	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.13	95	124625	28.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.20%
63) Toluene-d8	8.71	98	353613	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	39074	15.646	ug/l 97
3) Chloromethane	1.32	50	57653	15.989	ug/l 97
4) Vinyl Chloride	1.40	62	58080	15.829	ug/l 98
5) Bromomethane	1.64	94	36965	15.463	ug/l 96
6) Chloroethane	1.72	64	37144	16.117	ug/l 97
7) Trichlorofluoromethane	1.93	101	73106	15.628	ug/l 98
8) Diethyl Ether	2.18	74	33668	16.238	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45824	15.973	ug/l 99
10) 1,1-Dichloroethene	2.37	96	47802	16.528	ug/l 96
11) Methyl Iodide	2.50	142	42875	14.412	ug/l 99
12) Methyl Acetate	2.76	43	62195	17.432	ug/l 99
13) Acrolein	2.28	56	41307	73.313	ug/l 98
14) Acrylonitrile	3.13	53	144205	87.101	ug/l 98
15) Acetone	2.43	58	35439	72.953	ug/l 98
16) Carbon Disulfide	2.56	76	132980	16.419	ug/l 99
17) Allyl chloride	2.72	41	88172	16.432	ug/l 97
18) Methylene Chloride	2.85	84	57378	17.554	ug/l 94
19) trans-1,2-Dichloroethene	3.16	96	54499	17.469	ug/l 98
20) Diisopropyl ether	3.84	45	188082	17.646	ug/l 99
21) 1,1-Dichloroethane	3.69	63	98863	17.505	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	62556	17.739	ug/l 98
23) tert-Butyl Alcohol	3.02	59	46964	72.555	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	160995	17.228	ug/l 99
25) Chloroform	5.20	83	96850	18.027	ug/l 99
26) Cyclohexane	5.58	56	91920	17.514	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	73310	16.908	ug/l 100
30) 2-Butanone	4.66	43	187746	80.856	ug/l 100
31) 2,2-Dichloropropane	4.57	77	57803	12.977	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	80029	16.961	ug/l 99
33) Carbon Tetrachloride	5.78	117	69393	17.186	ug/l 98
34) Benzene	6.14	78	236142	17.973	ug/l 98
35) Methacrylonitrile	5.03	41	45356	18.068	ug/l 96
36) 1,2-Dichloroethane	6.18	62	77354	17.650	ug/l 99
37) Trichloroethene	7.21	130	67395	18.547	ug/l 97
38) Methylcyclohexane	7.46	83	92651	17.587	ug/l 99
39) 1,2-Dichloropropane	7.51	63	65502	19.299	ug/l 98
40) Dibromomethane	7.65	93	41551	19.262	ug/l 99

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Quant Time: Mar 16 08:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	80817	18.942	ug/l	98
42) Vinyl Acetate	3.81	43	755156	82.470	ug/l	100
43) Ethyl Acetate	4.82	43	79100	17.955	ug/l	96
44) Isopropyl Acetate	6.43	43	131702	17.674	ug/l	99
45) 1,4-Dioxane	7.73	88	23957	327.336	ug/l	98
46) Methyl methacrylate	7.76	41	68427	18.622	ug/l	98
47) n-amyl Acetate	10.89	43	112838	16.876	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	82395	17.760	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	95633	18.152	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	61997	19.437	ug/l	97
51) Ethyl methacrylate	9.17	69	92650	18.615	ug/l	93
52) 1,3-Dichloropropane	9.37	76	102765	19.036	ug/l	99
53) Dibromochloromethane	9.57	129	64304	18.930	ug/l	96
54) 1,2-Dibromoethane	9.67	107	62111	18.876	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	265204	106.390	ug/l	99
56) Bromoform	10.85	173	46752	17.554	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	422990	89.679	ug/l	99
59) 2-Hexanone	9.48	43	308679	86.586	ug/l	99
61) Tetrachloroethene	9.33	164	68397	17.735	ug/l	95
62) Toluene	8.78	91	264814	18.062	ug/l	100
64) Chlorobenzene	10.14	112	172137	18.375	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	61620	17.858	ug/l	98
66) Ethyl Benzene	10.25	91	293813	17.990	ug/l	100
67) m/p-Xylenes	10.35	106	223523	35.654	ug/l	100
68) o-Xylene	10.70	106	104361	17.362	ug/l	100
69) Styrene	10.71	104	181228	17.325	ug/l	99
70) Isopropylbenzene	11.01	105	280146	17.511	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	90678	17.461	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	99739	23.463	ug/l	83
73) Bromobenzene	11.25	156	75702	17.350	ug/l	99
74) n-propylbenzene	11.35	91	323210	17.101	ug/l	100
75) 2-Chlorotoluene	11.42	91	192658	17.459	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	234354	17.160	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	24882	13.976	ug/l	96
78) 4-Chlorotoluene	11.51	91	215075	16.929	ug/l	99
79) tert-butylbenzene	11.76	119	217128	16.958	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	233460	17.290	ug/l	100
81) sec-Butylbenzene	11.94	105	270661	17.033	ug/l	100
82) p-Isopropyltoluene	12.06	119	242544	16.598	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	133830	17.359	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	134053	17.384	ug/l	99
85) n-Butylbenzene	12.38	91	207673	16.217	ug/l	100
86) Hexachloroethane	12.59	117	42304	16.537	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	131964	17.556	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17844	16.689	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	89735	16.151	ug/l	98
90) Hexachlorobutadiene	13.77	225	43880	15.351	ug/l	99
91) Naphthalene	13.83	128	259794	16.879	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	94572	16.913	ug/l	100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

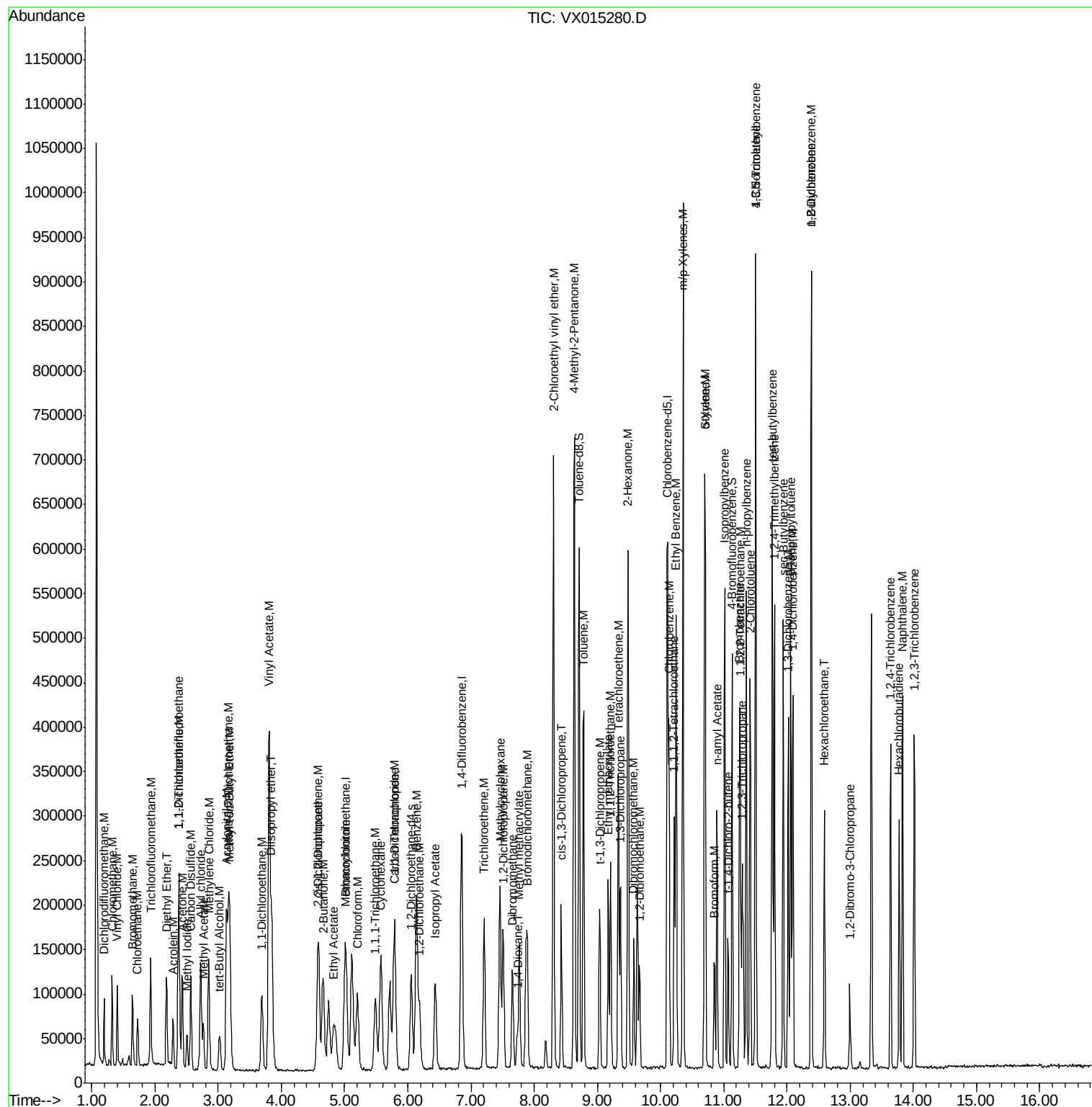
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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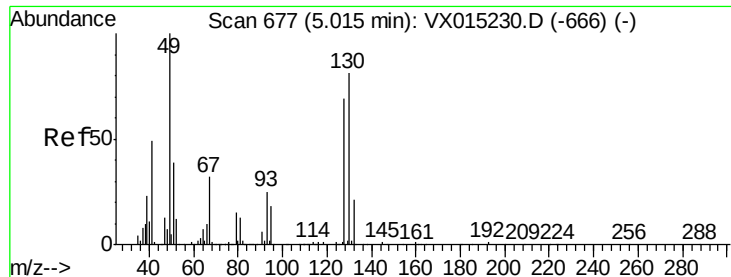
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 16 08:32:22 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

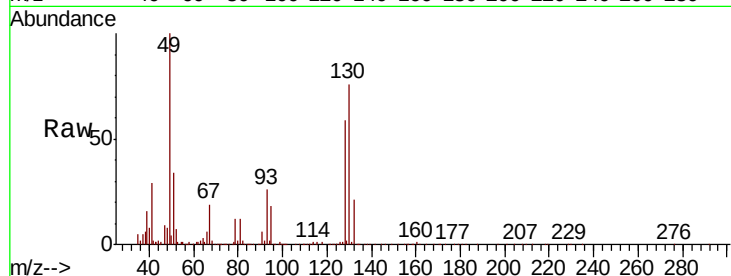
Tot Ion:128 Resp: 49660

Ion Ratio Lower Upper

128 100

49 165.4 0.0 406.8

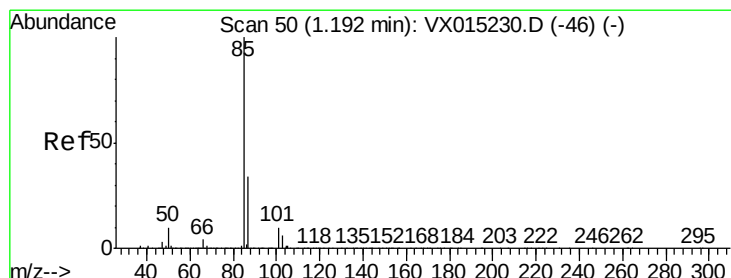
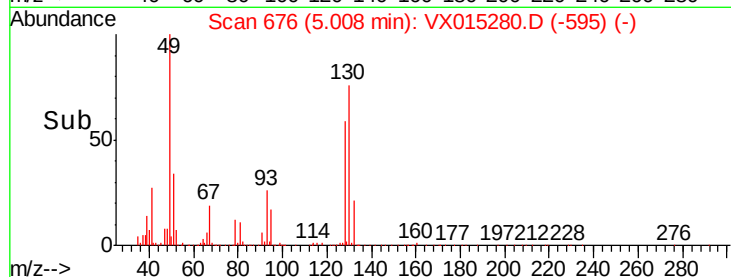
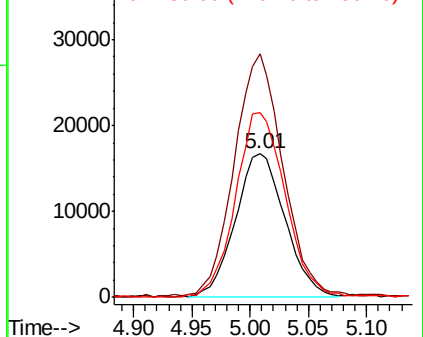
130 128.9 0.0 319.3



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: 15.646 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015280.D

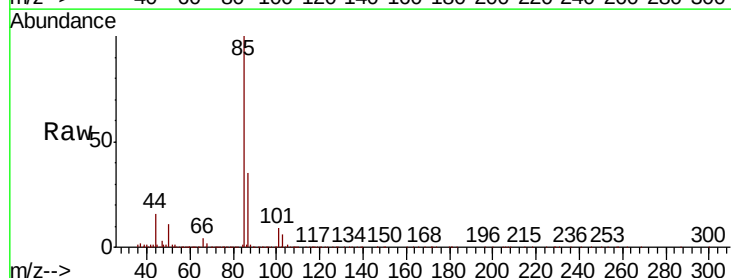
Acq: 14 Mar 2020 00:44

Tgt Ion: 85 Resp: 39074

Ion Ratio Lower Upper

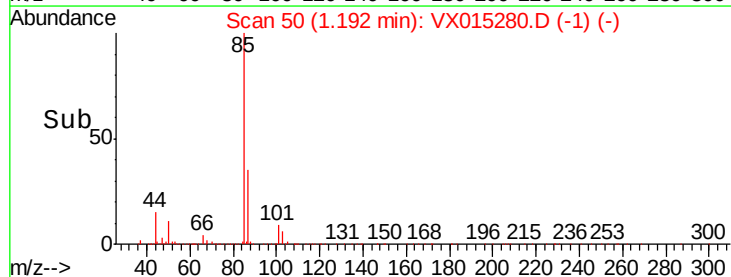
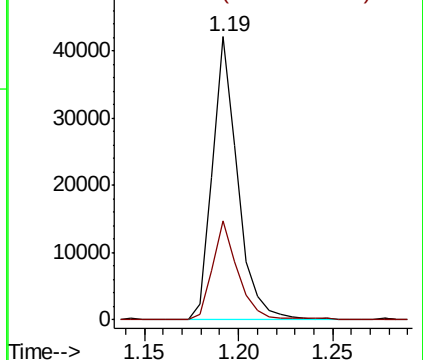
85 100

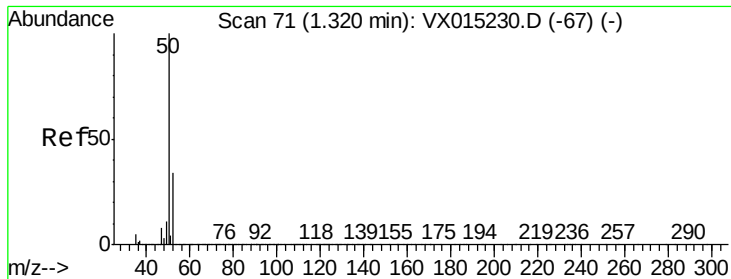
87 34.9 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 15.989 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

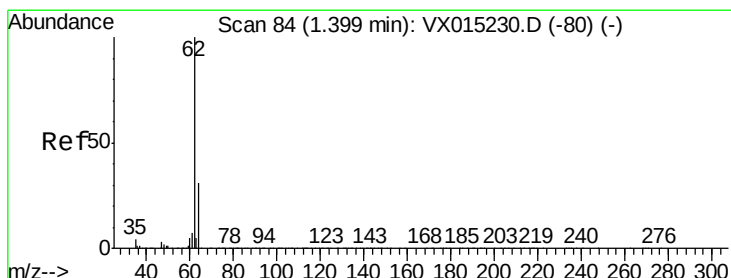
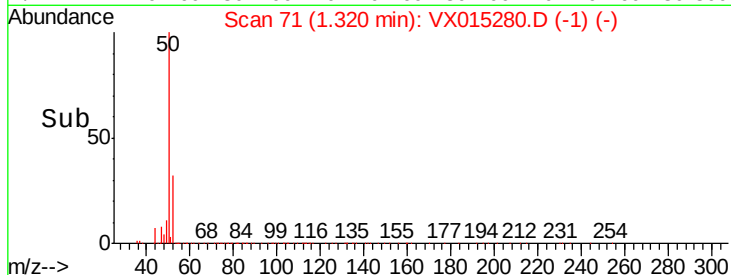
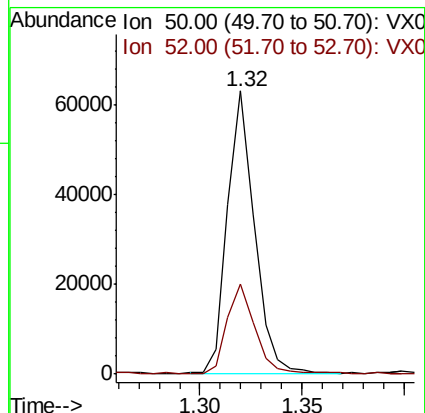
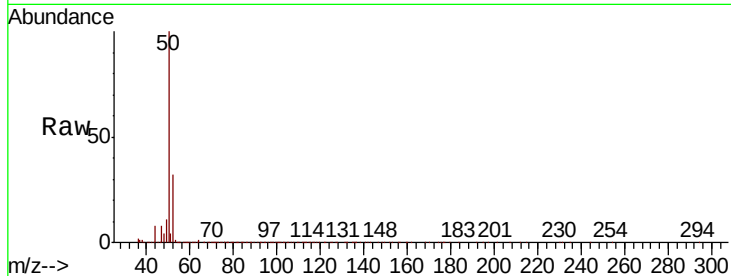
VSTDCCC020EC

Tot Ion: 50 Resp: 57653

Ion Ratio Lower Upper

50 100

52 32.0 26.9 40.3



#4

Vinyl Chloride

Concen: 15.829 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015280.D

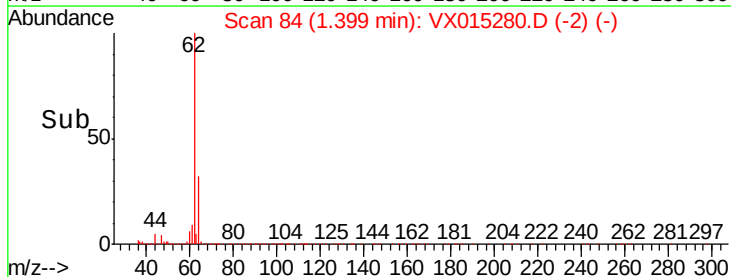
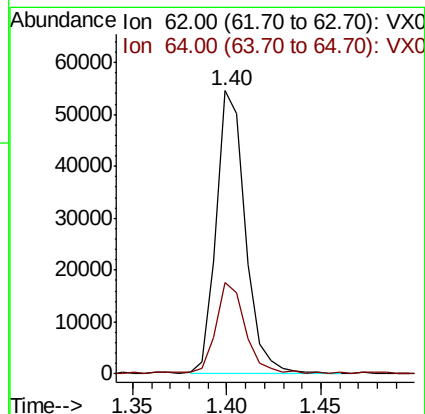
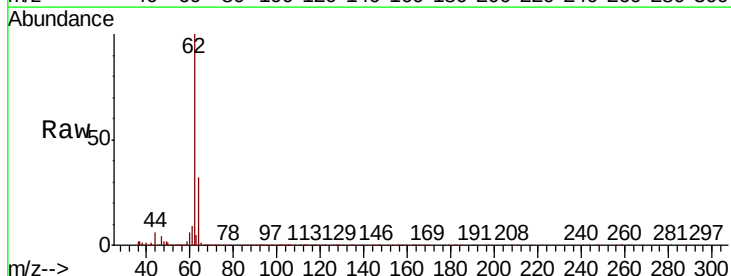
Acq: 14 Mar 2020 00:44

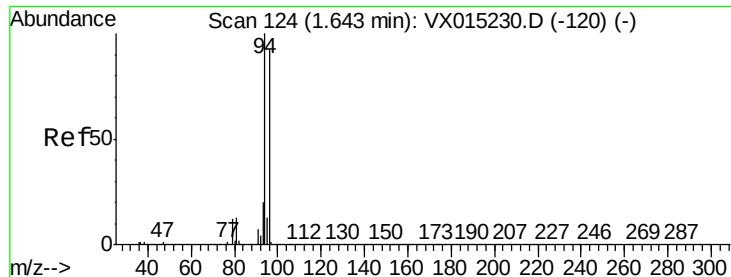
Tgt Ion: 62 Resp: 58080

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 15.463 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

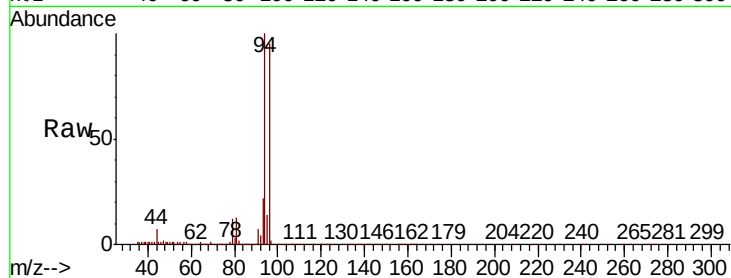
VSTDCCC020EC

Tot Ion: 94 Resp: 36965

Ion Ratio Lower Upper

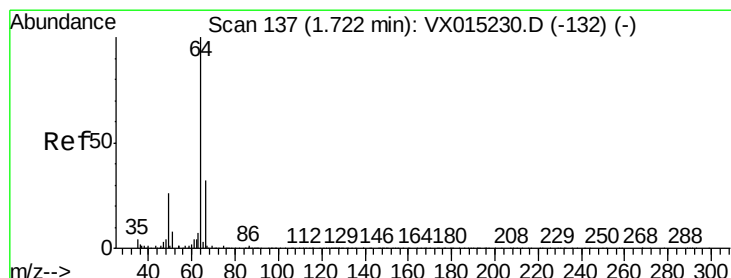
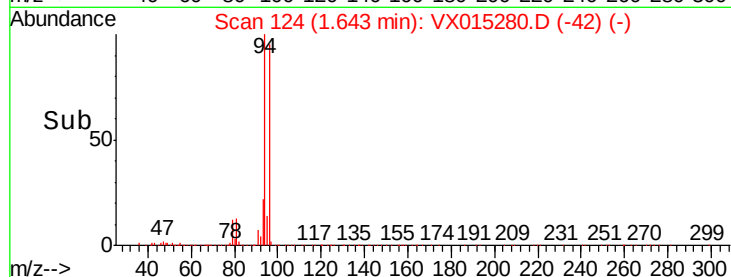
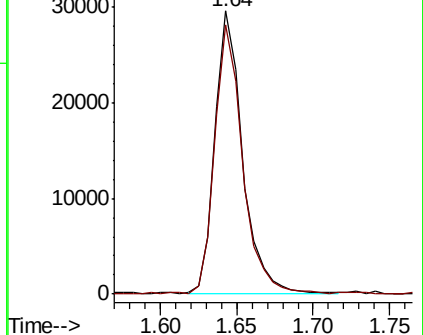
94 100

96 95.0 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.117 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015280.D

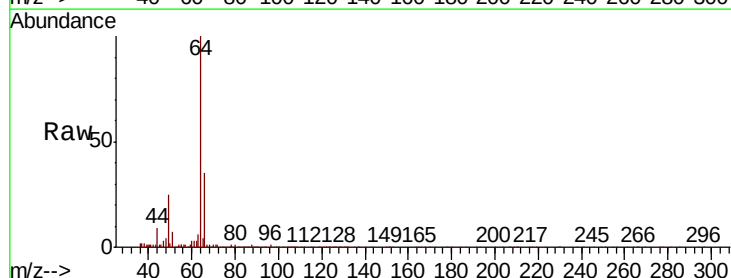
Acq: 14 Mar 2020 00:44

Tgt Ion: 64 Resp: 37144

Ion Ratio Lower Upper

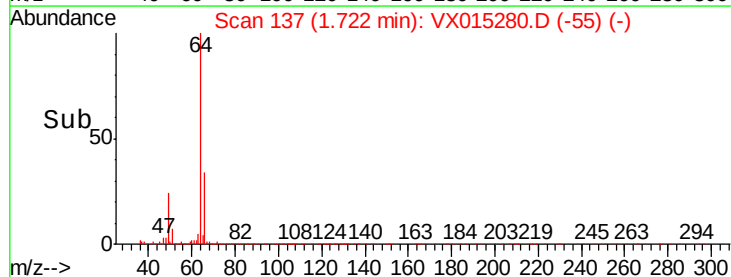
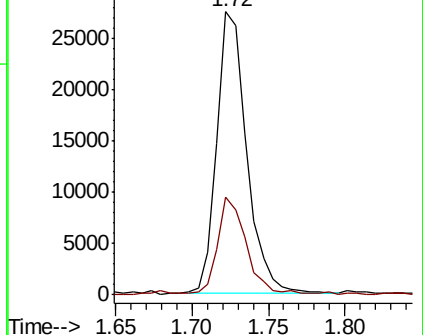
64 100

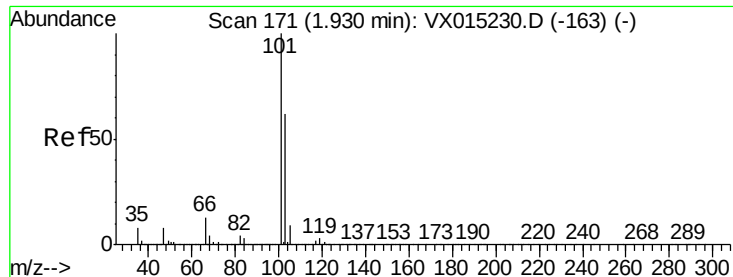
66 34.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



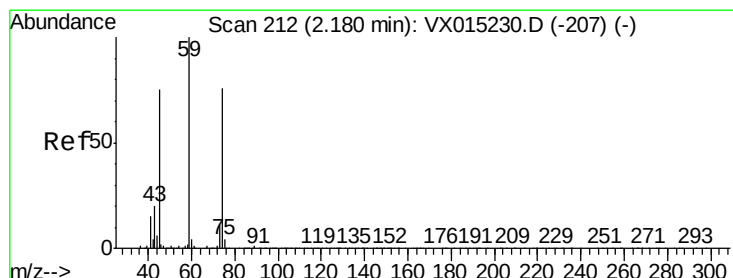
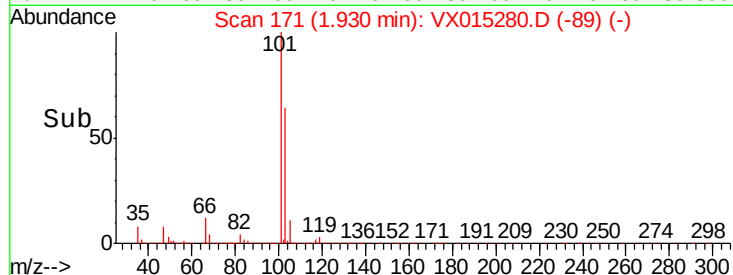
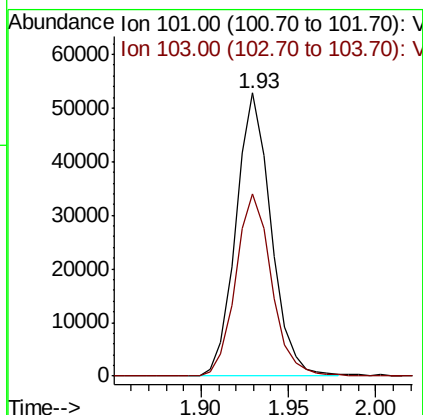
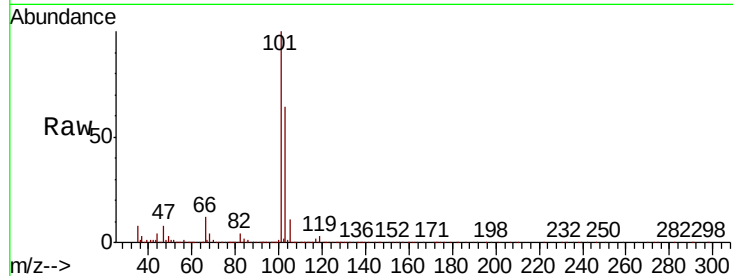


#7

Trichlorofluoromethane
Concen: 15.628 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
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ClientSampleId :
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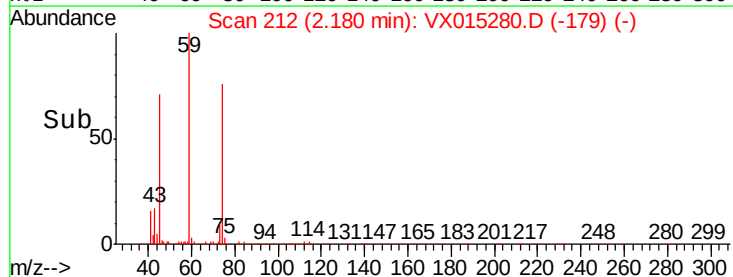
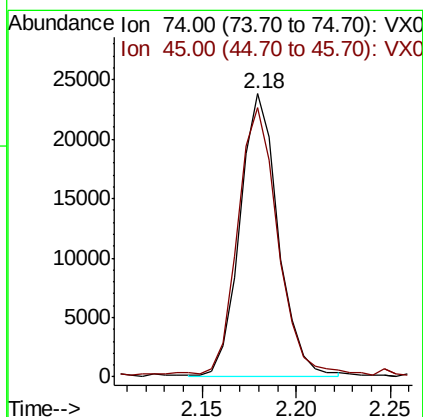
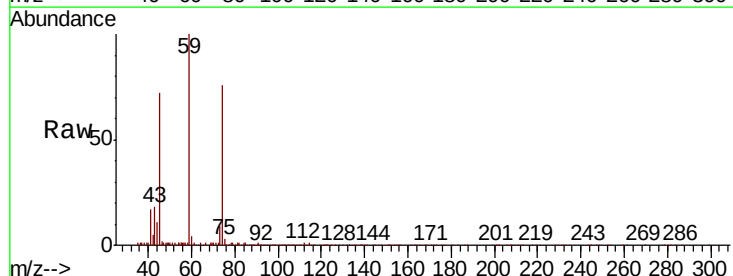
Tot Ion:101 Resp: 73106
Ion Ratio Lower Upper
101 100
103 64.2 49.9 74.9

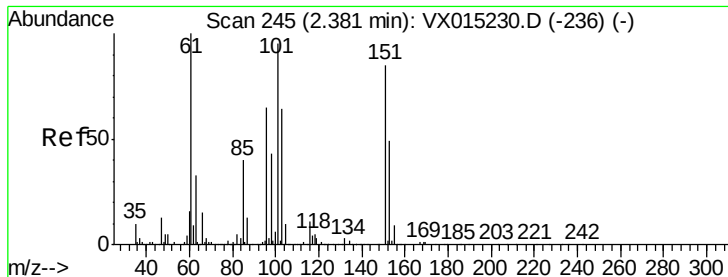


#8

Diethyl Ether
Concen: 16.238 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 74 Resp: 33668
Ion Ratio Lower Upper
74 100
45 98.5 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.973 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

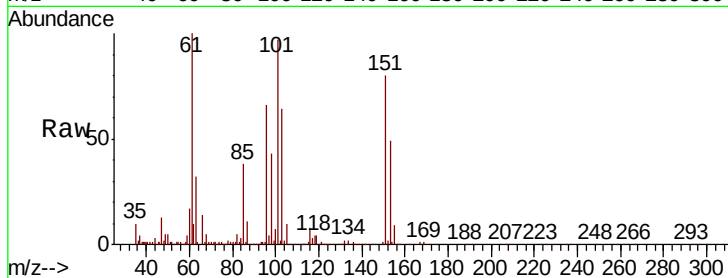
Tot Ion:101 Resp: 45824

Ion Ratio Lower Upper

101 100

85 42.1 0.0 82.0

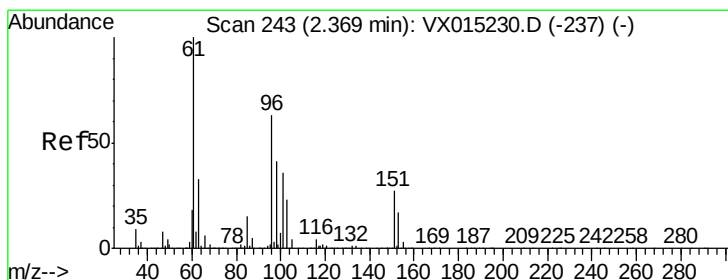
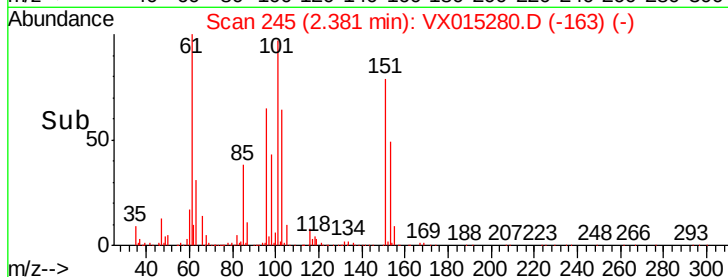
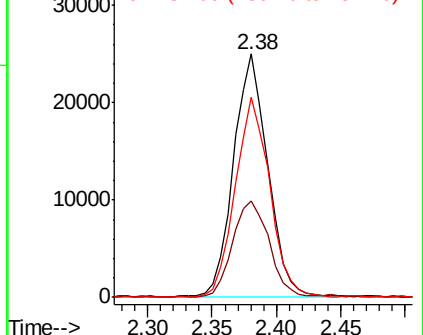
151 83.6 0.0 165.0



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: 16.528 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

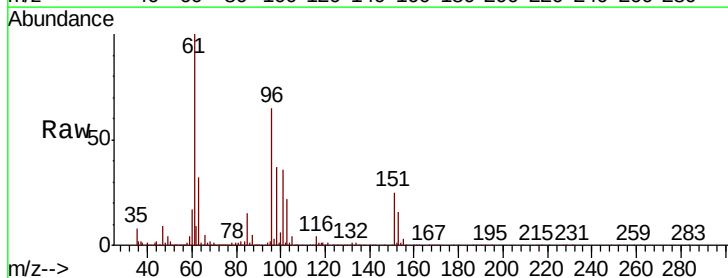
Tgt Ion: 96 Resp: 47802

Ion Ratio Lower Upper

96 100

61 154.7 126.2 189.2

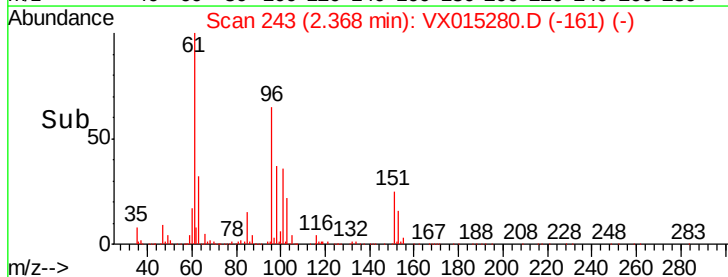
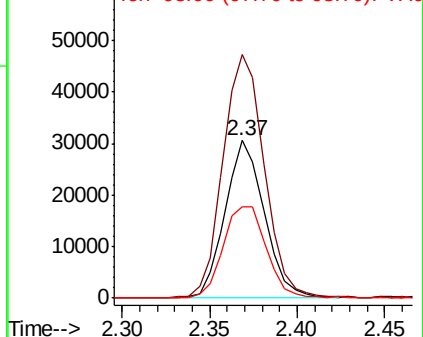
98 57.4 52.1 78.1

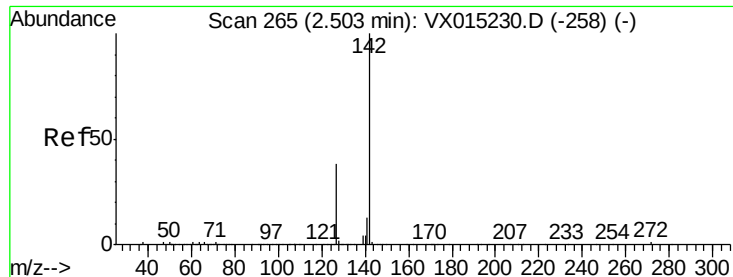


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

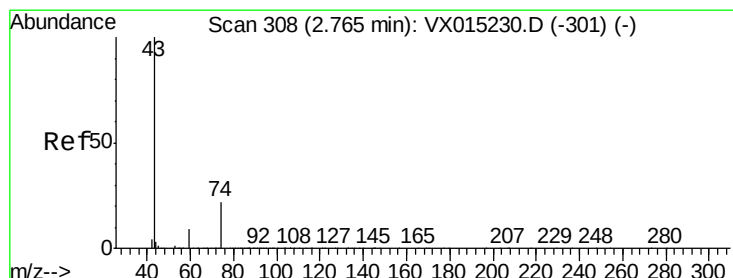
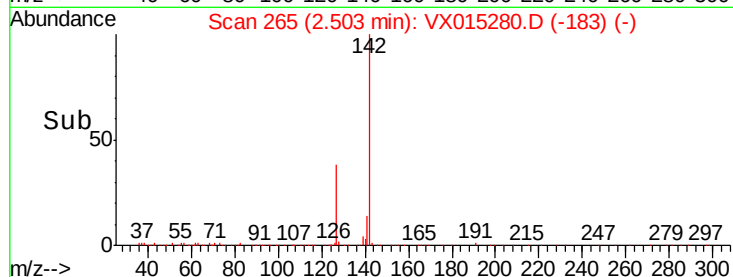
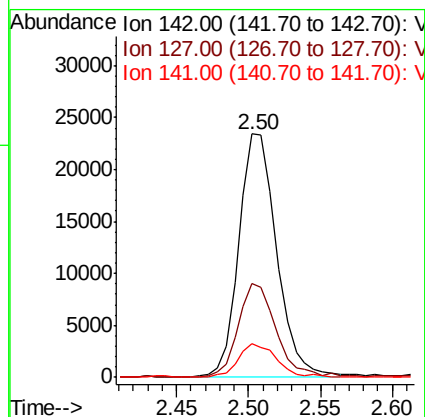
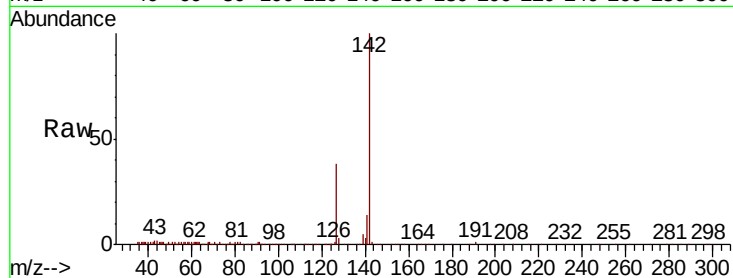




#11
Methvl Iodide
Concen: 14.412 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

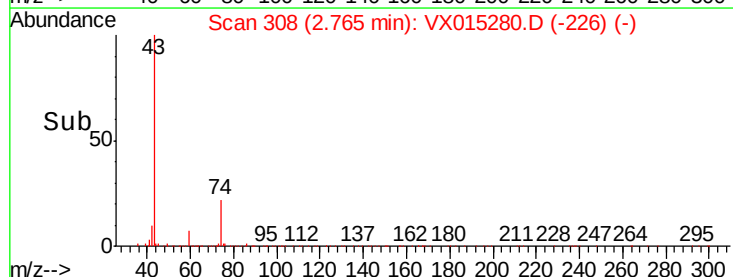
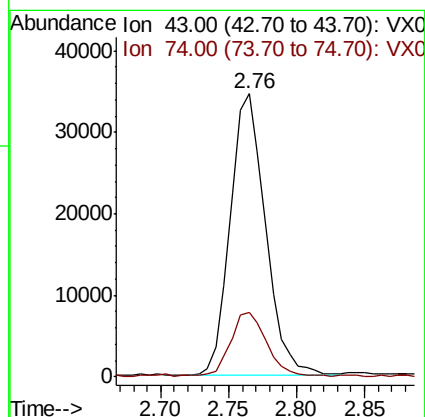
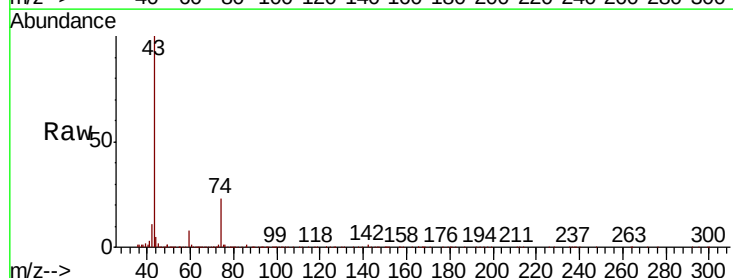
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

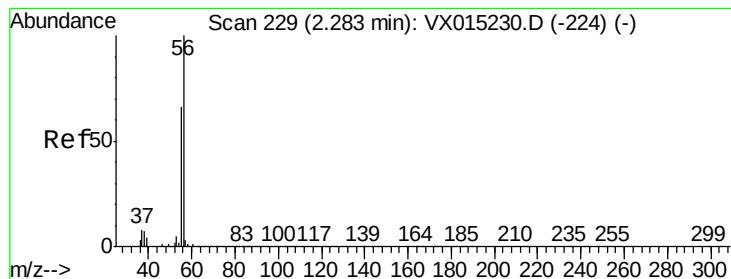
Tot Ion:142 Resp: 42875
Ion Ratio Lower Upper
142 100
127 38.2 18.9 56.9
141 14.0 6.6 19.7



#12
Methyl Acetate
Concen: 17.432 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 43 Resp: 62195
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0





#13

Acrolein

Concen: 73.313 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

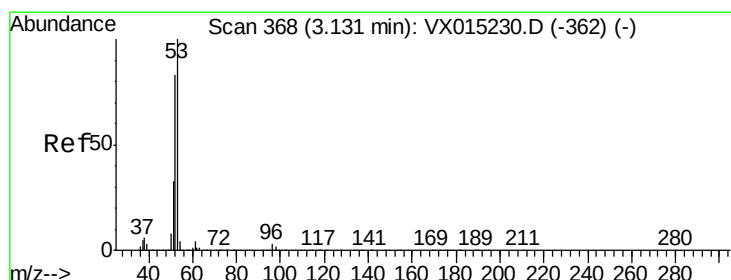
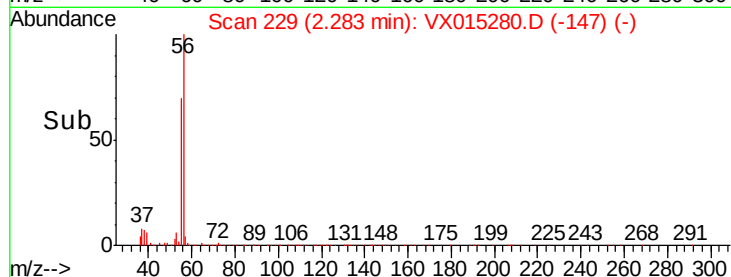
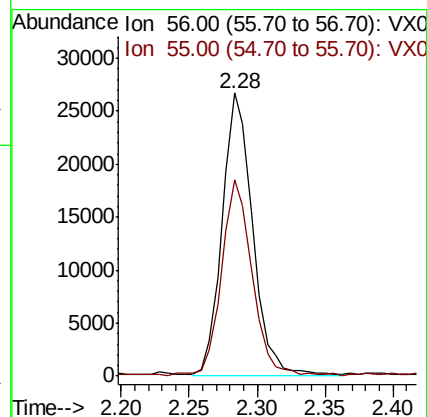
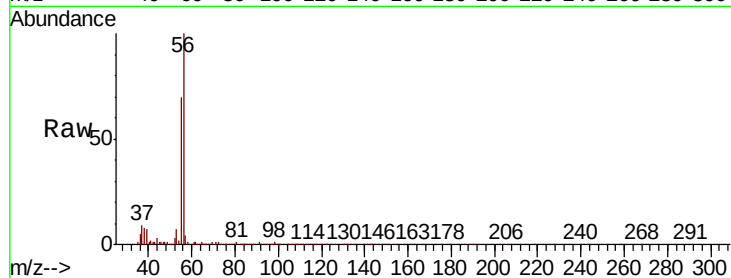
VSTDCCC020EC

Tot Ion: 56 Resp: 41307

Ion Ratio Lower Upper

56 100

55 67.5 55.1 82.7



#14

Acrylonitrile

Concen: 87.101 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

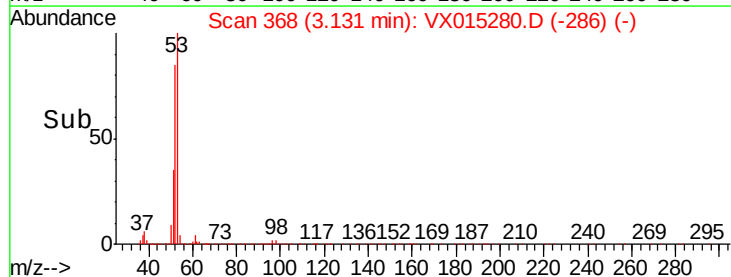
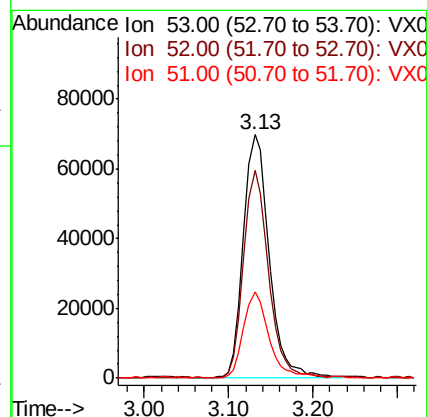
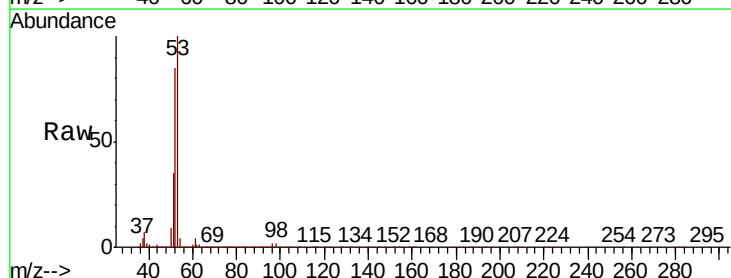
Tgt Ion: 53 Resp: 144205

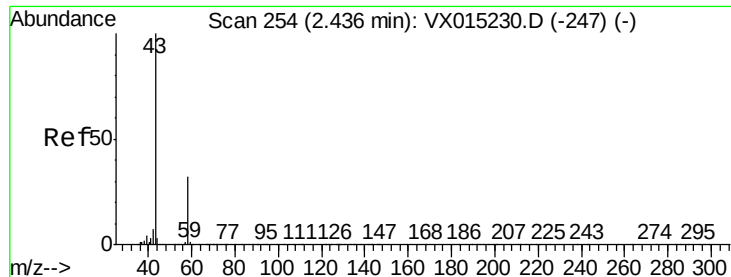
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.5

51 34.6 17.7 53.1





#15

Acetone

Concen: 72.953 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

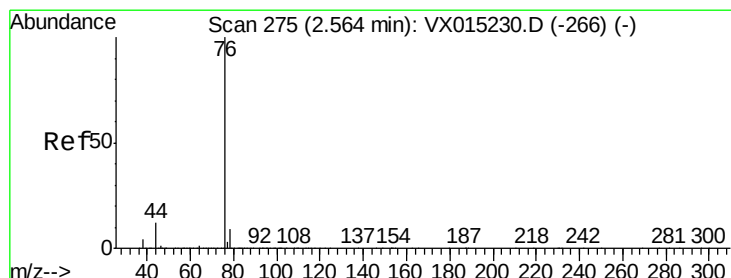
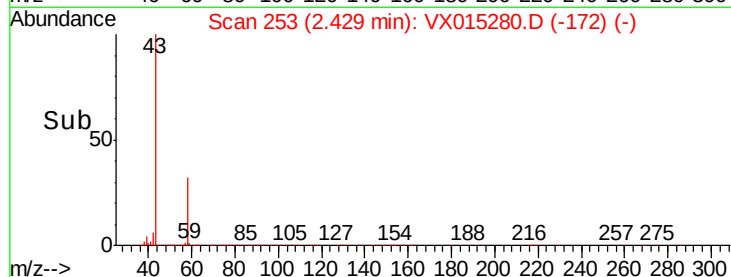
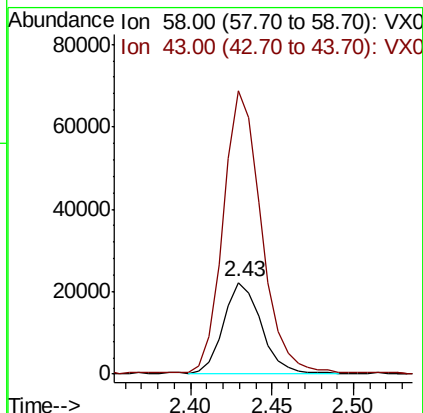
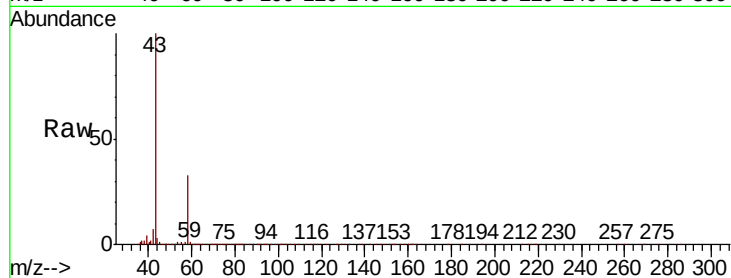
VSTDCCC020EC

Tot Ion: 58 Resp: 35439

Ion Ratio Lower Upper

58 100

43 307.9 248.7 373.1



#16

Carbon Disulfide

Concen: 16.419 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015280.D

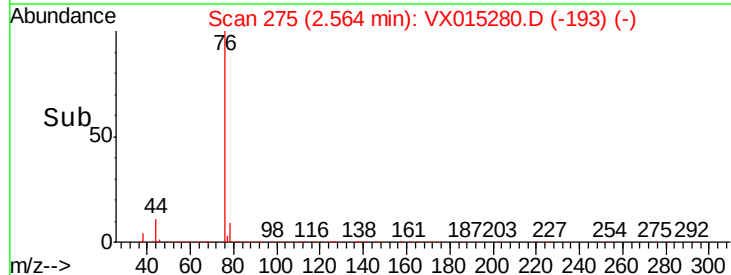
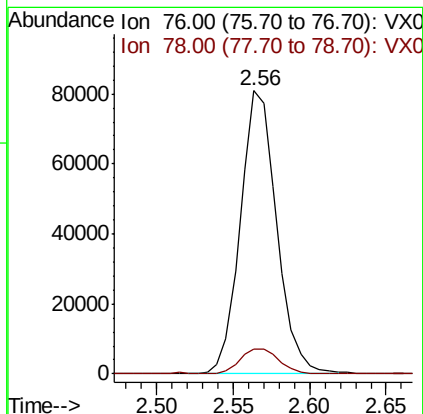
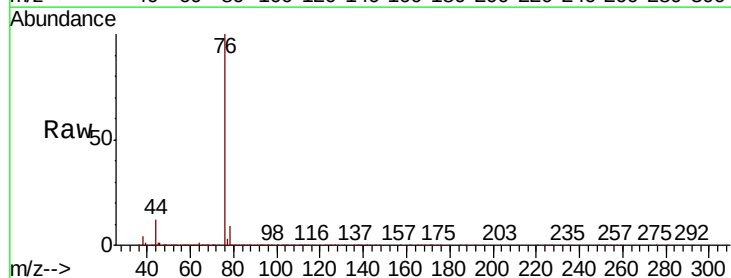
Acq: 14 Mar 2020 00:44

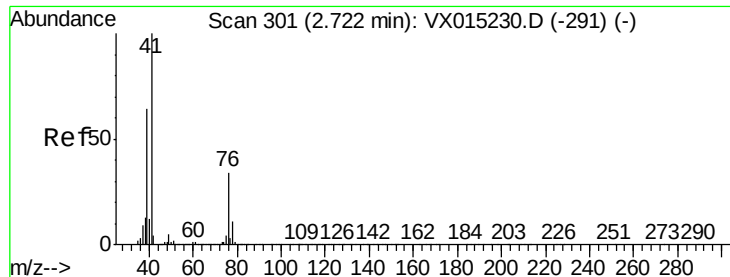
Tgt Ion: 76 Resp: 132980

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

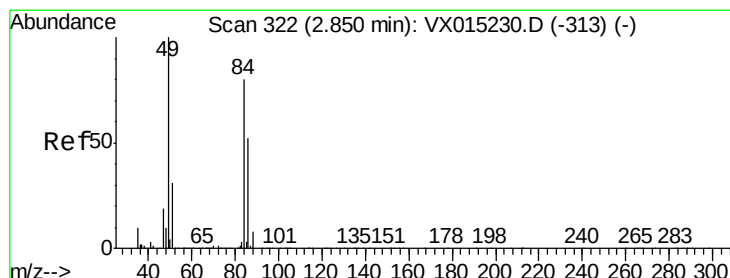
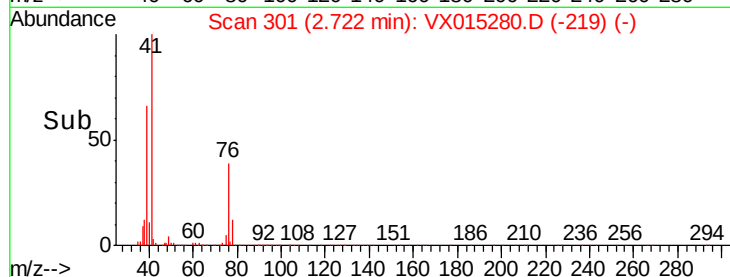
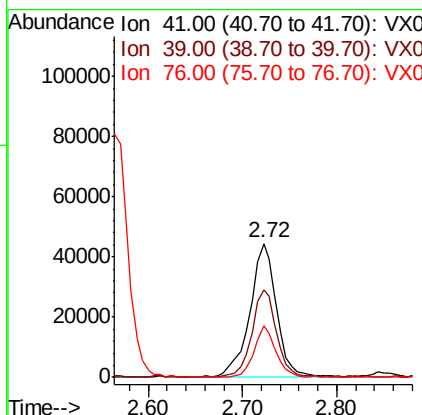
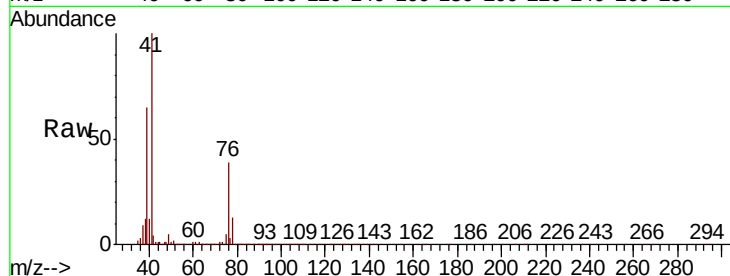




#17
Allvl chloride
Concen: 16.432 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

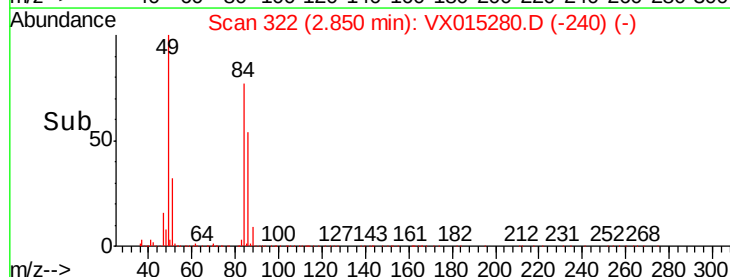
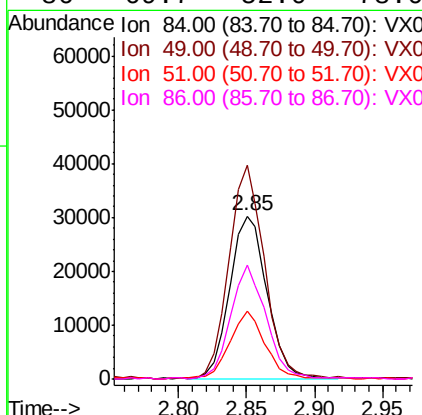
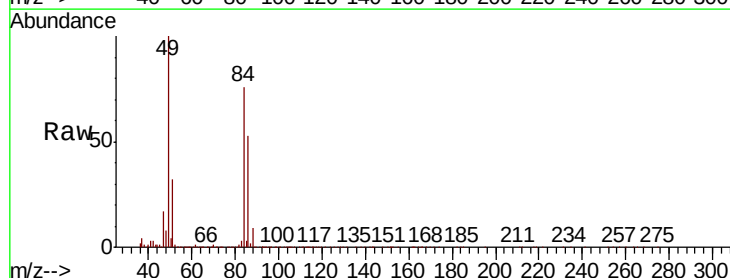
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

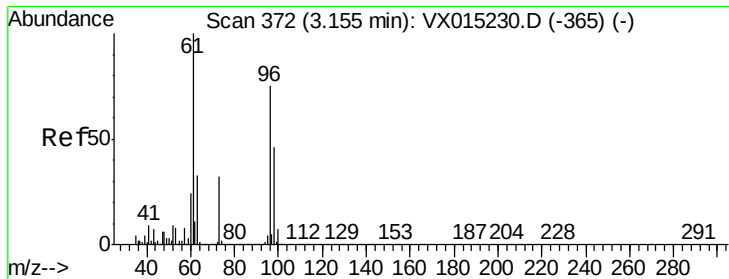
Tot Ion: 41 Resp: 88172
Ion Ratio Lower Upper
41 100
39 64.9 32.1 96.5
76 38.6 17.2 51.5



#18
Methylene Chloride
Concen: 17.554 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 84 Resp: 57378
Ion Ratio Lower Upper
84 100
49 131.1 99.5 149.3
51 41.5 31.0 46.6
86 69.7 52.0 78.0





#19

trans-1,2-Dichloroethene

Concen: 17.469 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

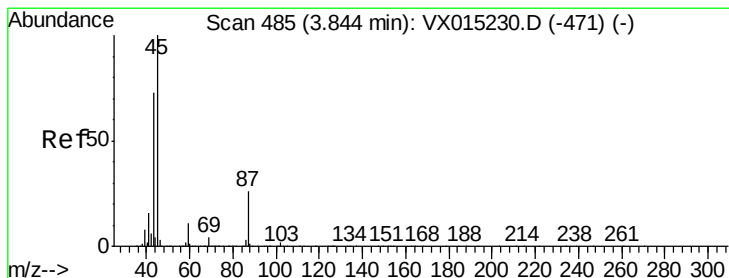
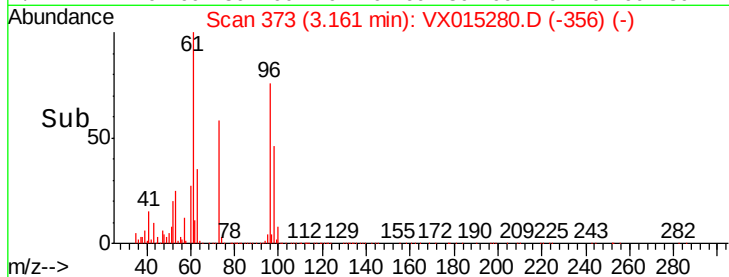
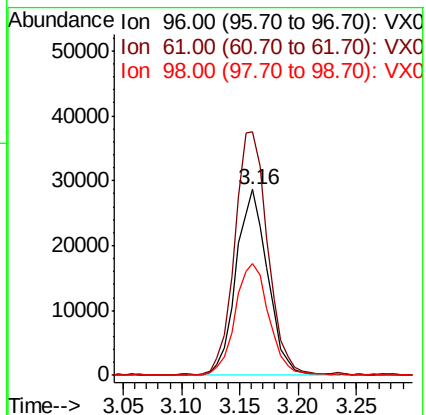
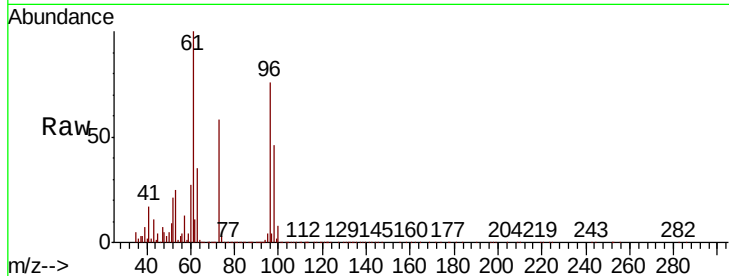
Tot Ion: 96 Resp: 54499

Ion Ratio Lower Upper

96 100

61 130.7 106.3 159.5

98 60.1 49.1 73.7



#20

Diisopropyl ether

Concen: 17.646 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Tgt Ion: 45 Resp: 188082

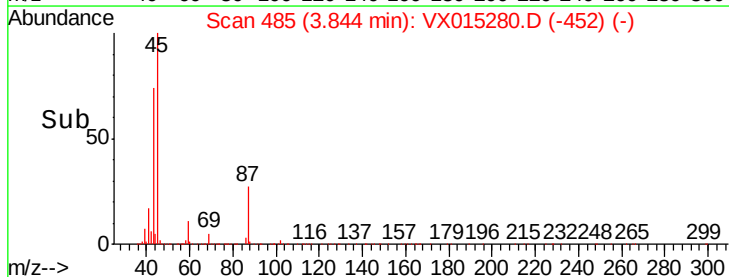
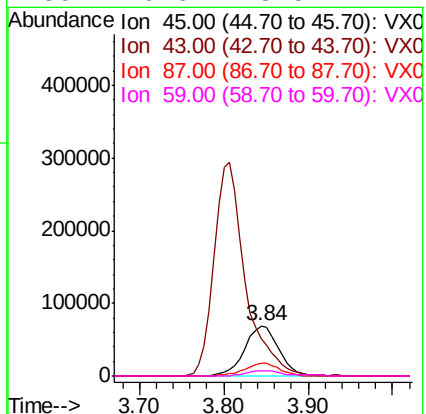
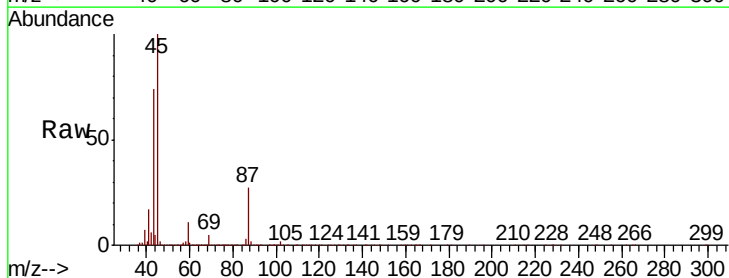
Ion Ratio Lower Upper

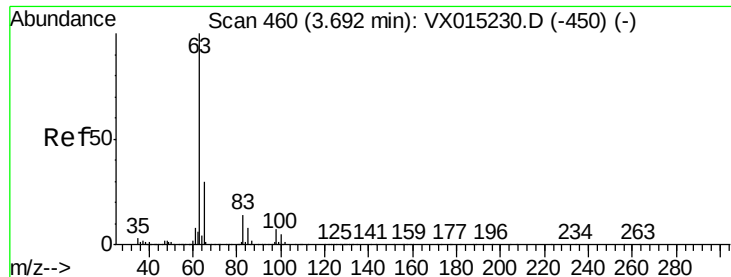
45 100

43 72.9 58.6 87.8

87 26.7 21.0 31.4

59 10.6 8.5 12.7





#21

1,1-Dichloroethane

Concen: 17.505 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

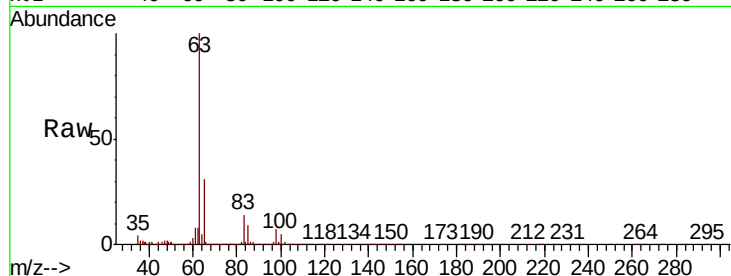
Tot Ion: 63 Resp: 98863

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

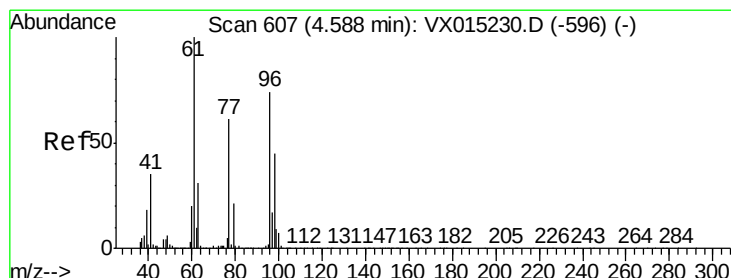
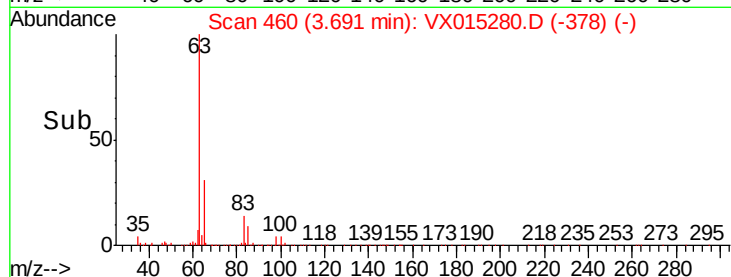
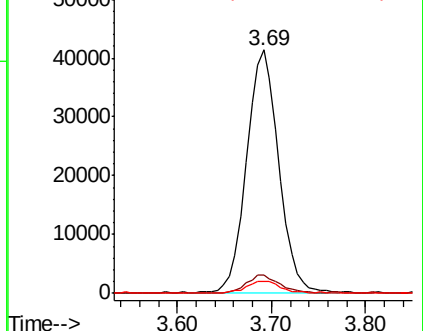
100 5.0 2.4 7.1



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: 17.739 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

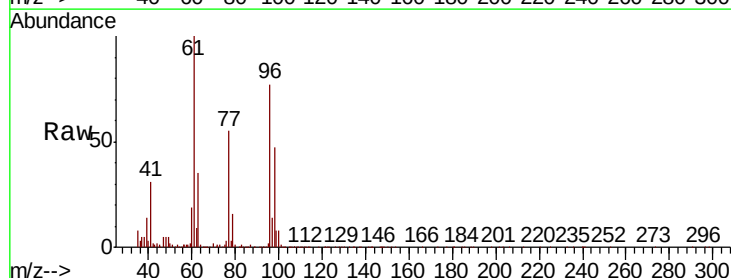
Tgt Ion: 96 Resp: 62556

Ion Ratio Lower Upper

96 100

61 136.9 111.4 167.0

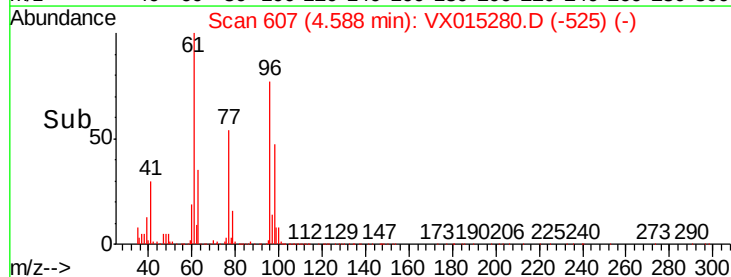
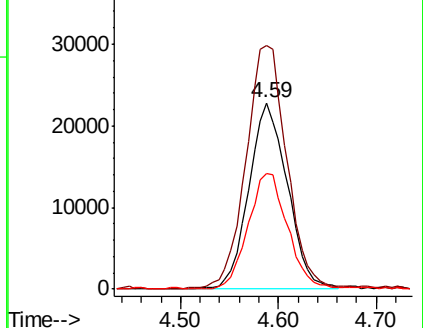
98 63.4 50.1 75.1

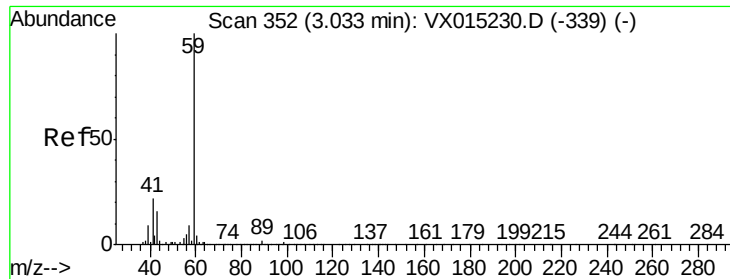


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



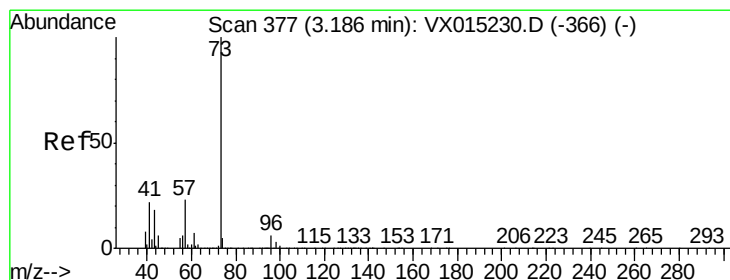
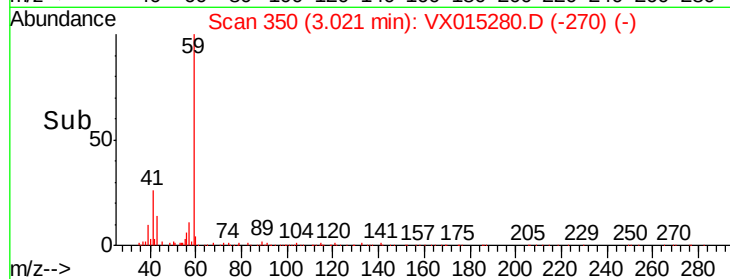
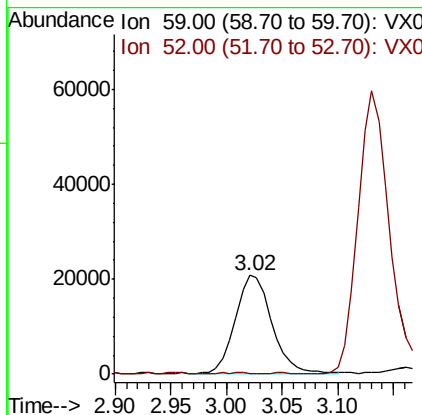
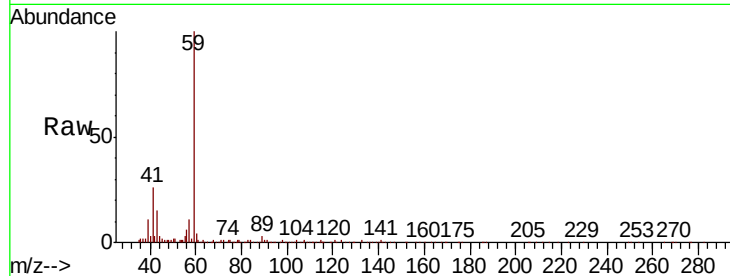


#23

tert-Butyl Alcohol
 Concen: 72.555 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

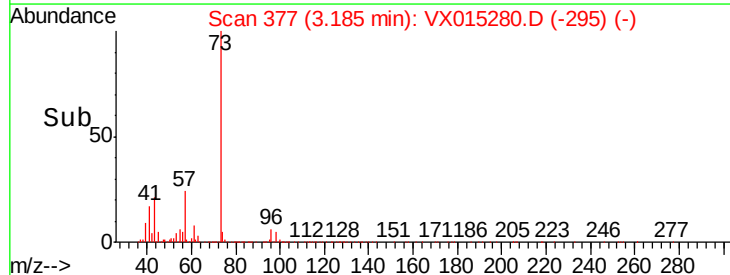
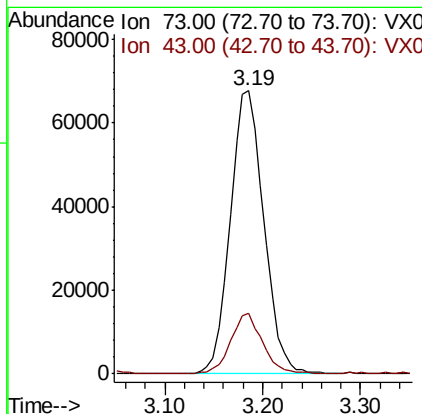
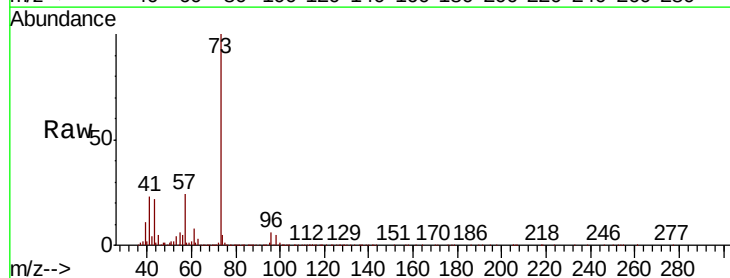
Tot Ion: 59 Resp: 46964
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.4 0.6#

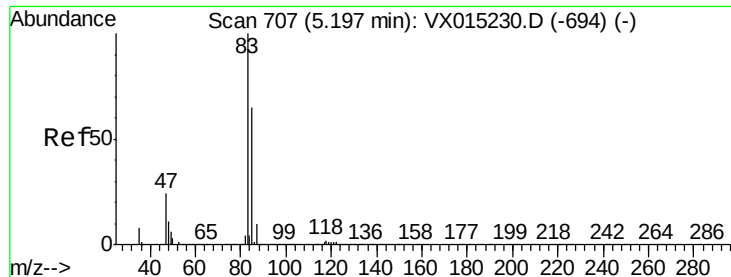


#24

Methyl tert-Butyl Ether
 Concen: 17.228 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion: 73 Resp: 160995
 Ion Ratio Lower Upper
 73 100
 43 19.7 15.9 23.9





#25

Chloroform

Concen: 18.027 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

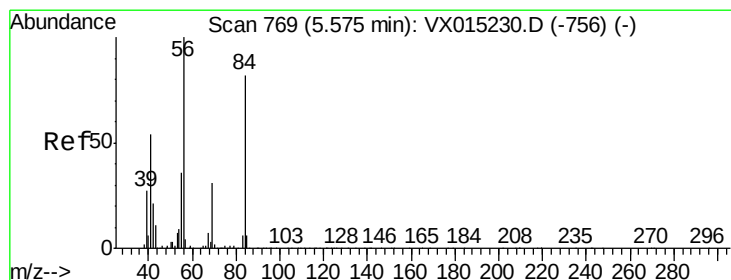
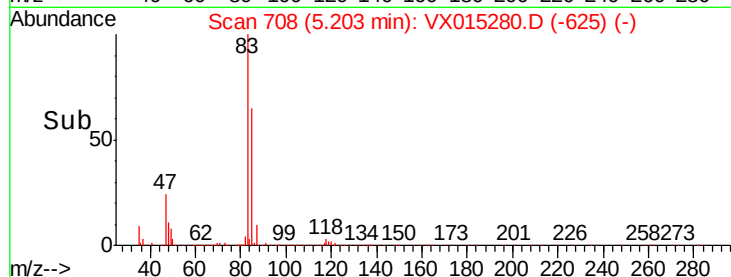
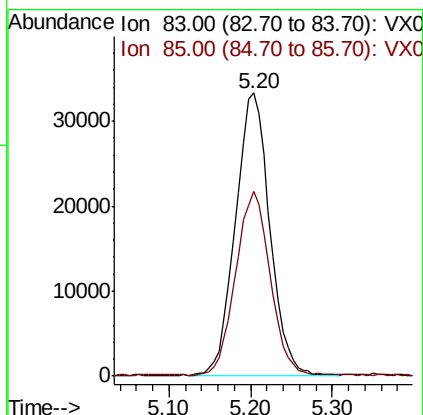
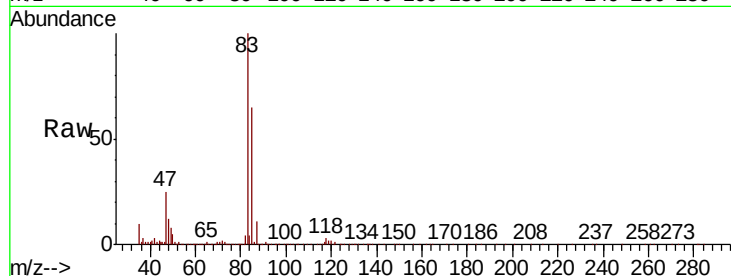
VSTDCCC020EC

Tot Ion: 83 Resp: 96850

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.2



#26

Cyclohexane

Concen: 17.514 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

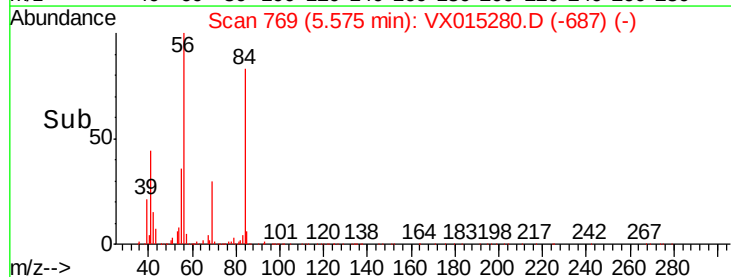
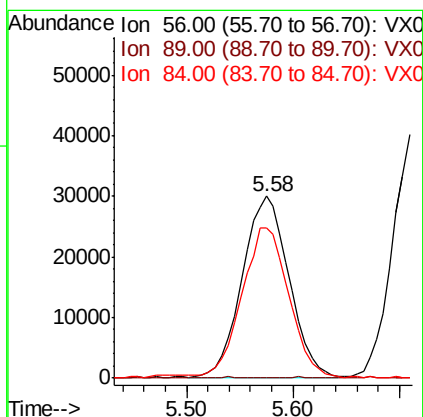
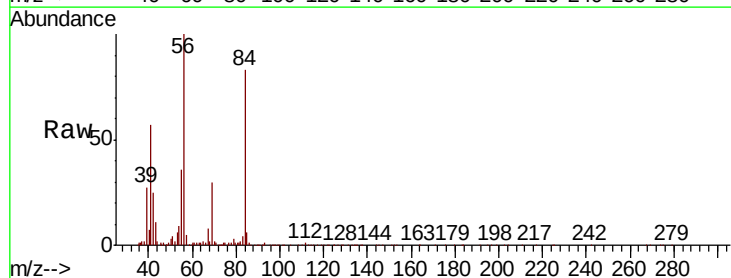
Tgt Ion: 56 Resp: 91920

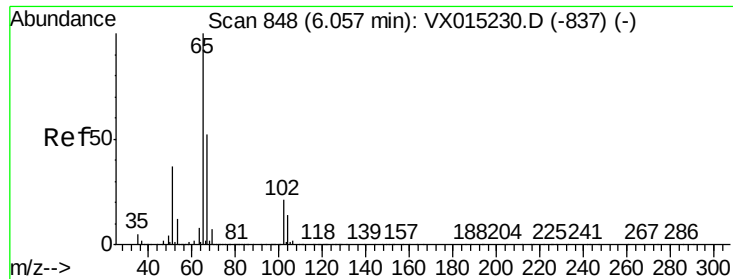
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 83.1 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 29.642 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

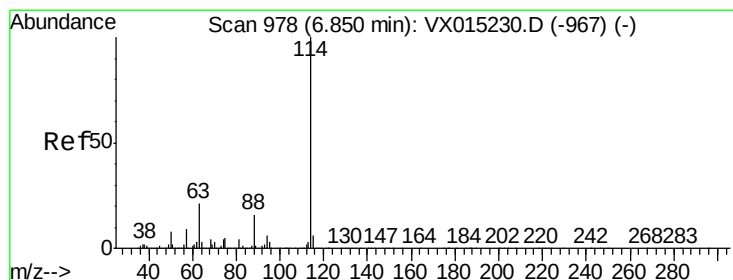
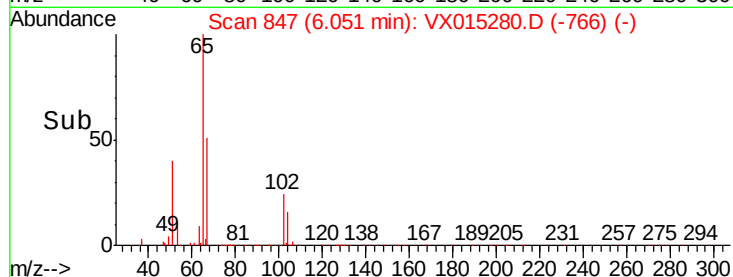
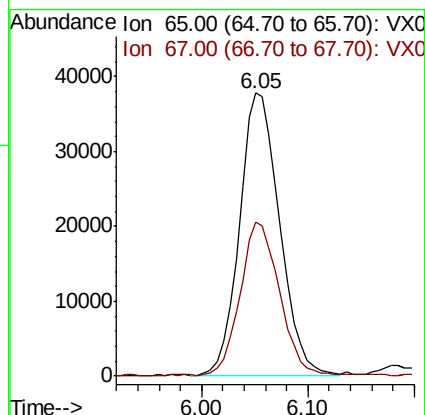
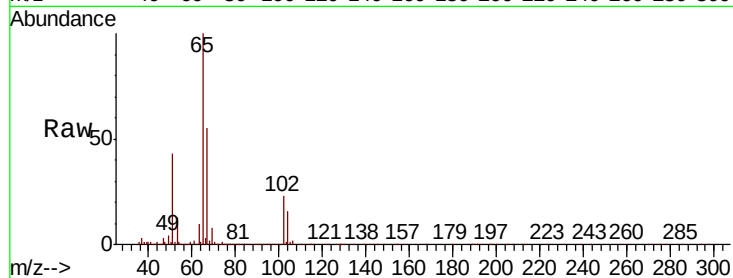
VSTDCCC020EC

Tot Ion: 65 Resp: 99303

Ion Ratio Lower Upper

65 100

67 53.8 43.5 65.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

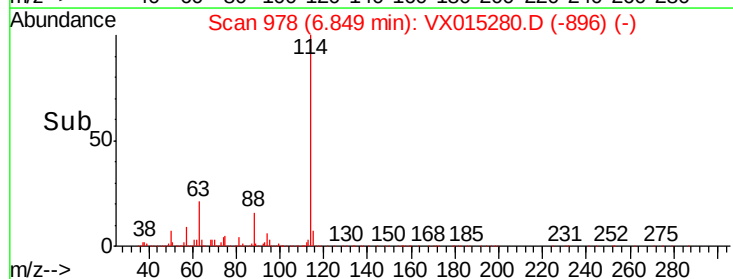
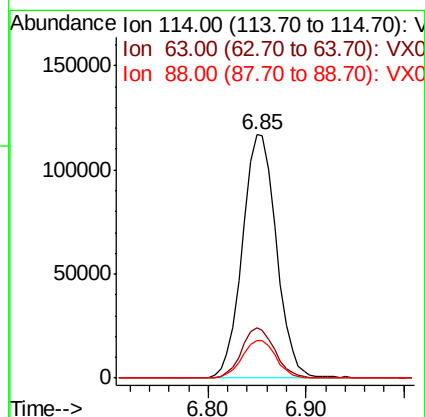
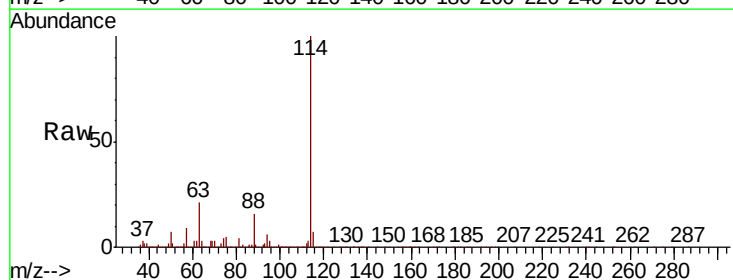
Tgt Ion: 114 Resp: 282552

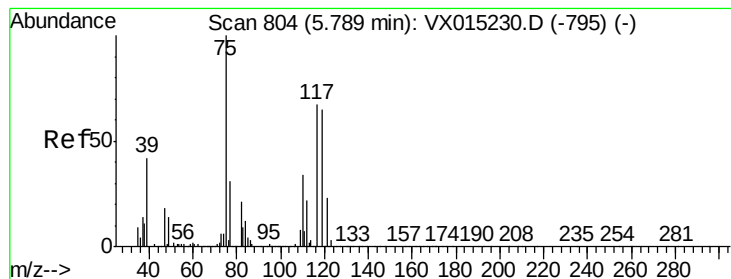
Ion Ratio Lower Upper

114 100

63 20.0 16.6 24.8

88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 16.908 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

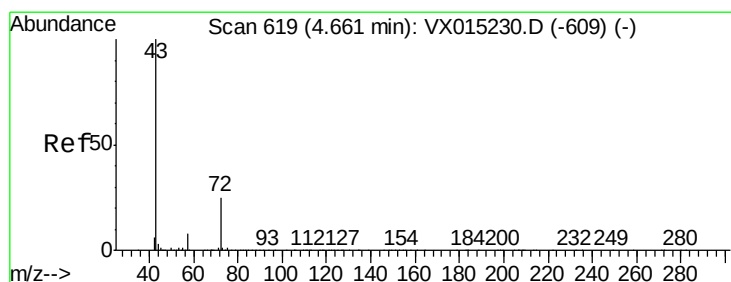
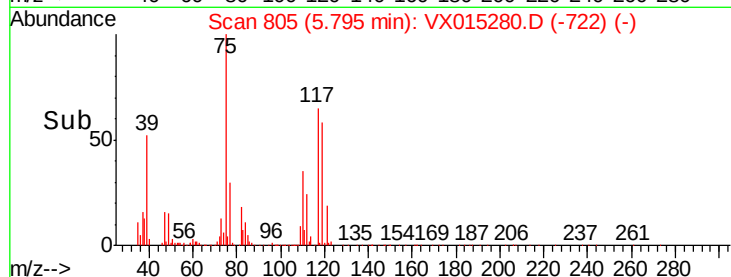
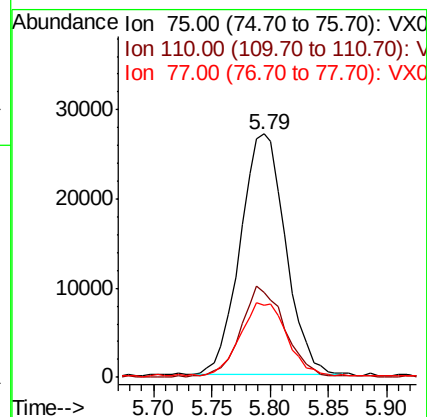
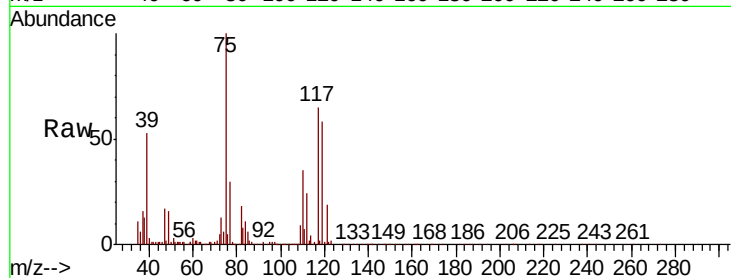
Tot Ion: 75 Resp: 73310

Ion Ratio Lower Upper

75 100

110 36.6 0.0 73.6

77 31.9 0.0 63.4



#30

2-Butanone

Concen: 80.856 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

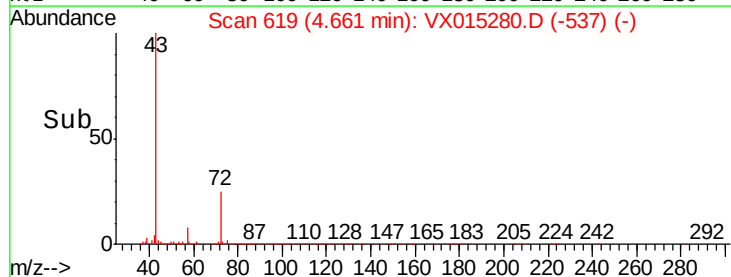
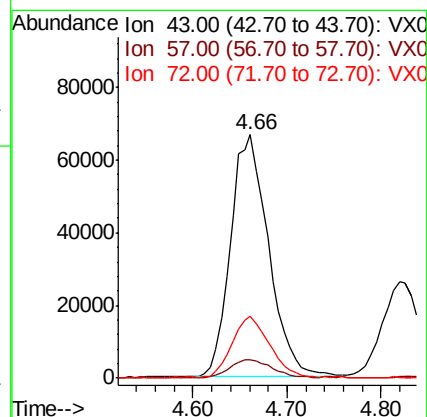
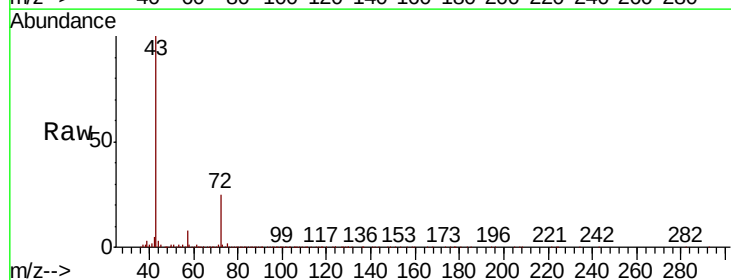
Tgt Ion: 43 Resp: 187746

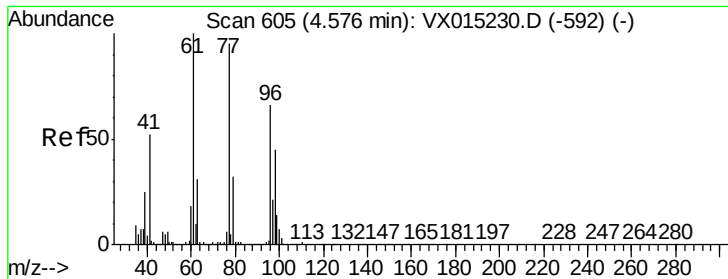
Ion Ratio Lower Upper

43 100

57 7.8 6.4 9.6

72 24.7 19.9 29.9





#31

2,2-Dichloropropane

Concen: 12.977 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

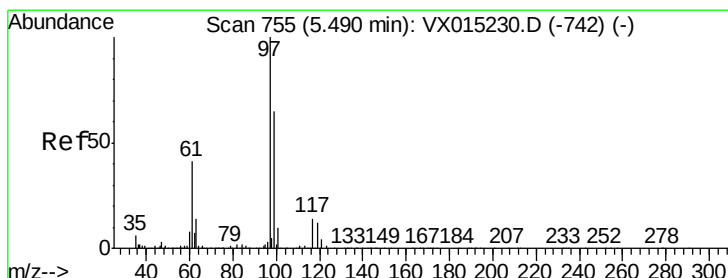
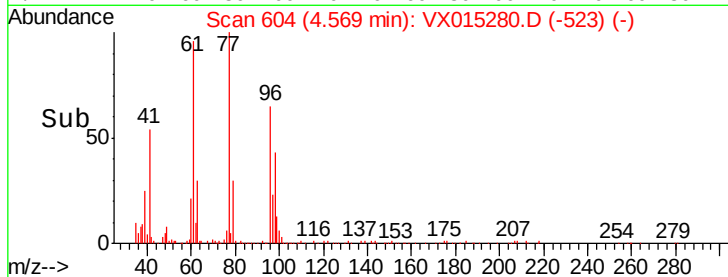
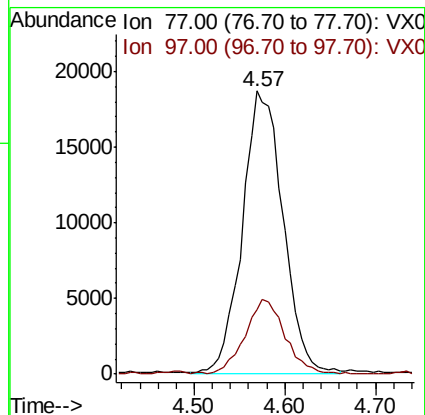
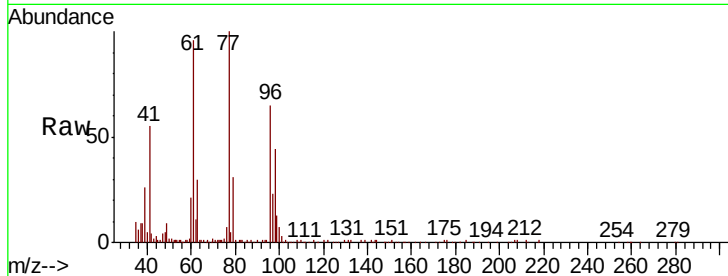
VSTDCCC020EC

Tot Ion: 77 Resp: 57803

Ion Ratio Lower Upper

77 100

97 25.5 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 16.961 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

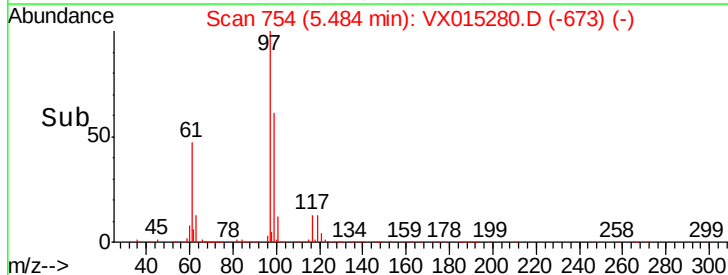
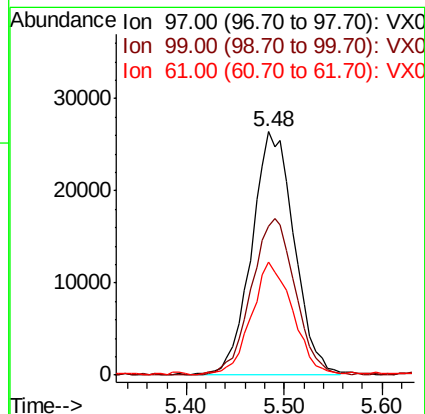
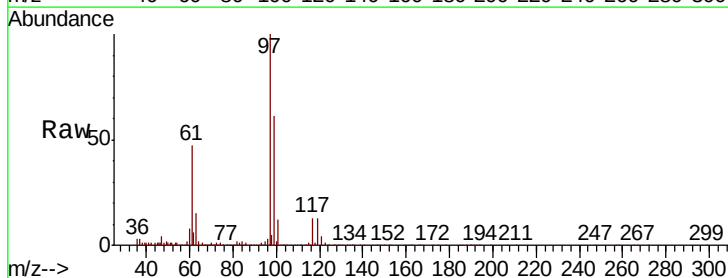
Tgt Ion: 97 Resp: 80029

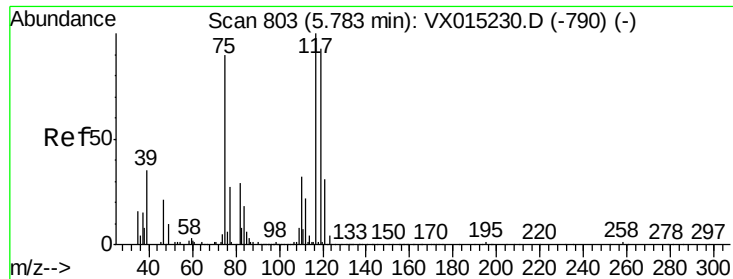
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 44.6 35.0 52.6

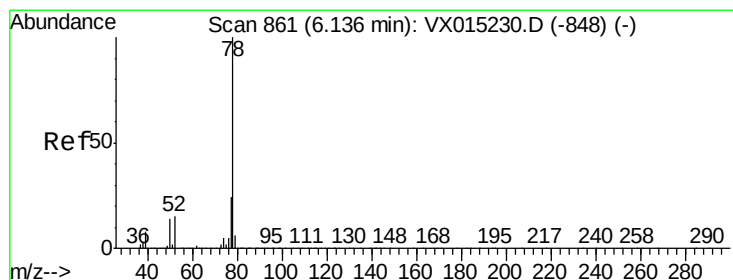
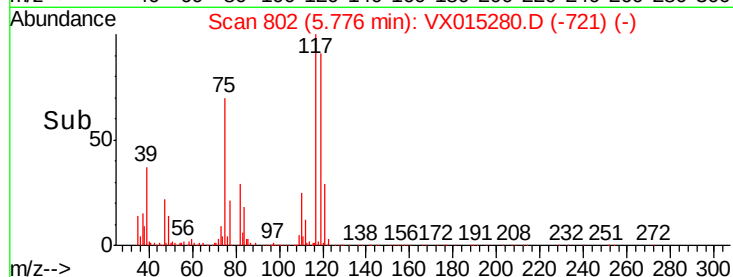
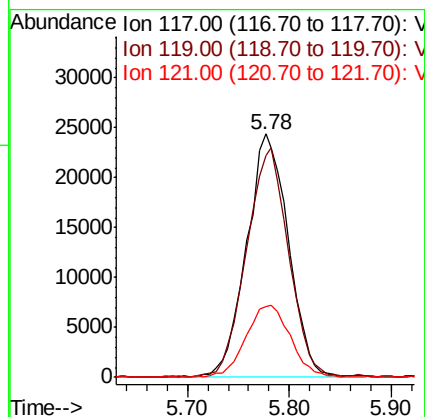
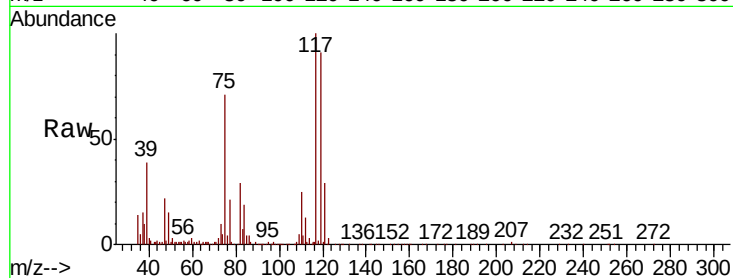




#33
Carbon Tetrachloride
Concen: 17.186 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

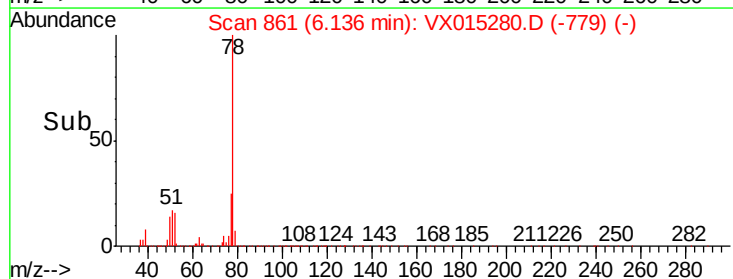
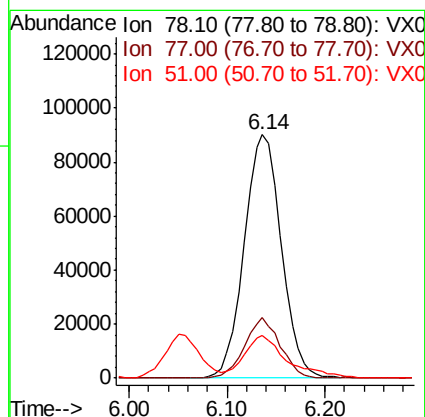
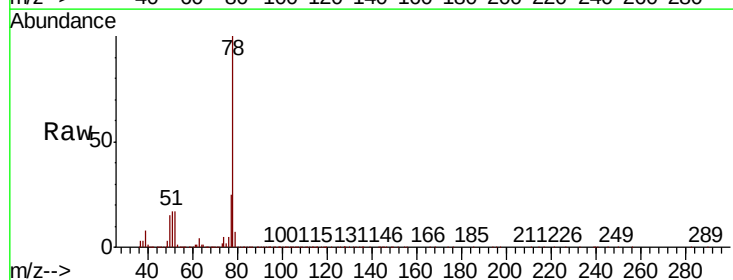
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

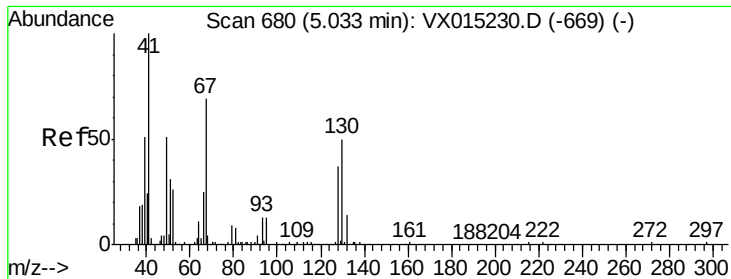
Tot Ion:117 Resp: 69393
Ion Ratio Lower Upper
117 100
119 90.8 74.2 111.4
121 29.0 24.3 36.5



#34
Benzene
Concen: 17.973 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 78 Resp: 236142
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7
51 16.2 13.4 20.2

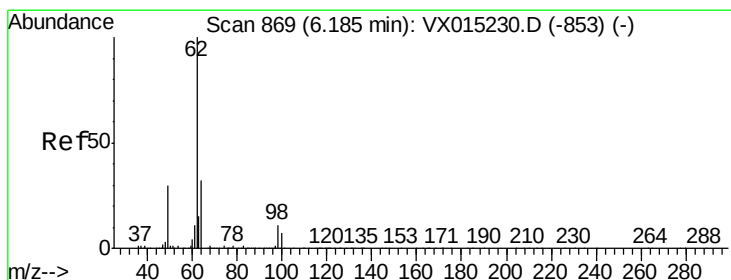
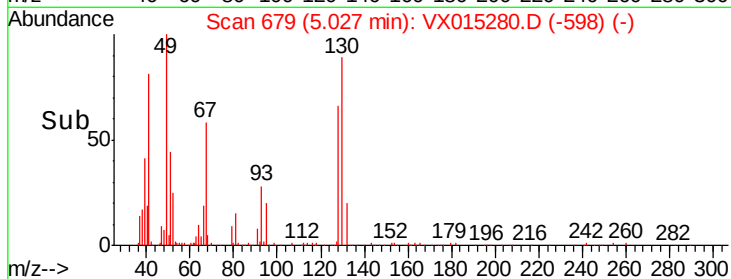
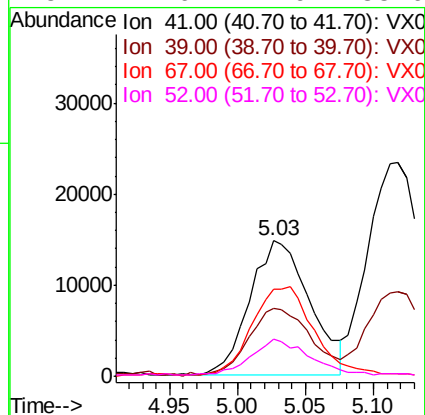
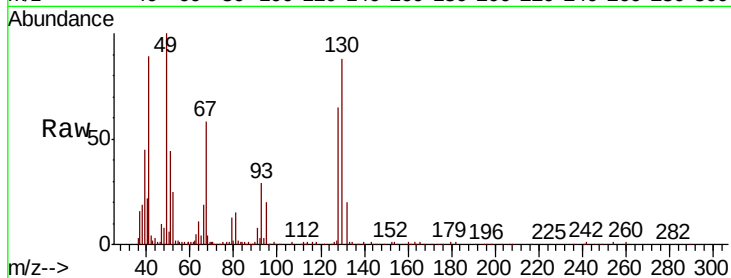




#35
Methacrylonitrile
Concen: 18.068 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

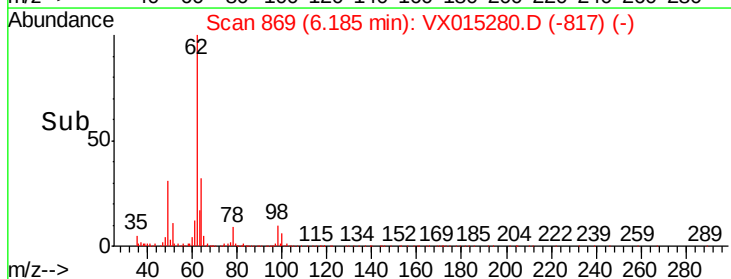
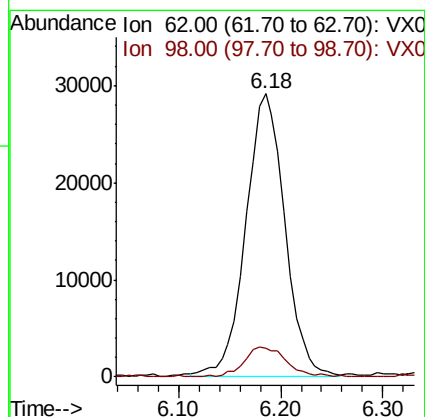
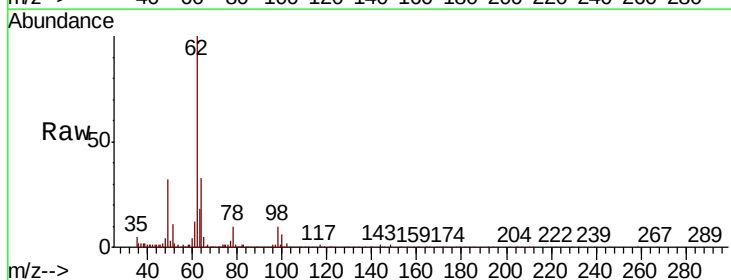
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

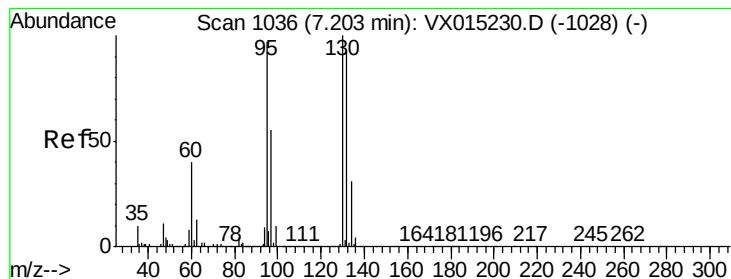
Tot Ion:	41	Resp:	45356
Ion	Ratio	Lower	Upper
41	100		
39	49.2	25.7	77.1
67	65.1	34.3	102.8
52	27.6	12.9	38.6



#36
1,2-Dichloroethane
Concen: 17.650 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion:	62	Resp:	77354
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.4	12.6





#37

Trichloroethene

Concen: 18.547 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

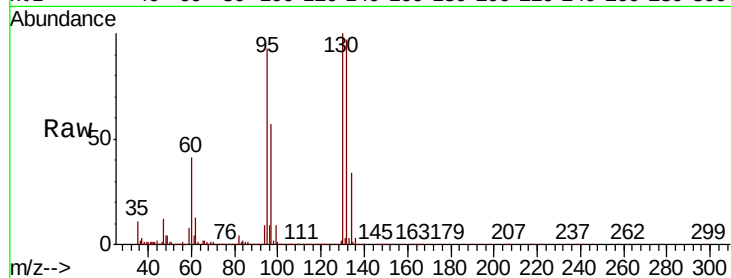
VSTDCCC020EC

Tot Ion:130 Resp: 67395

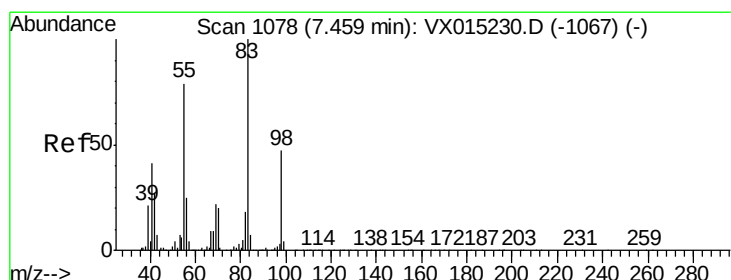
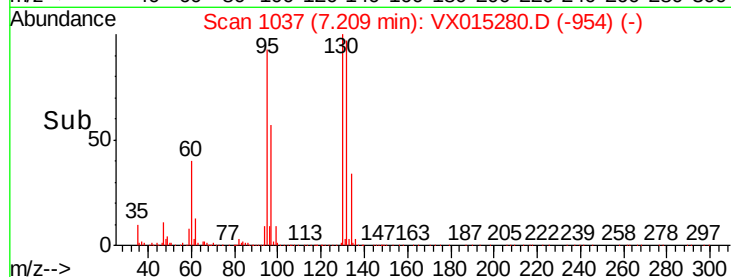
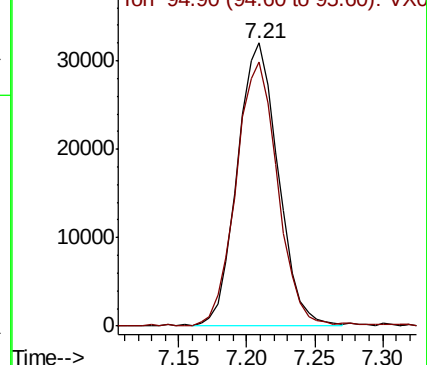
Ion Ratio Lower Upper

130 100

95 93.6 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): VX015280.D (-954) (-)



#38

Methylcyclohexane

Concen: 17.587 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

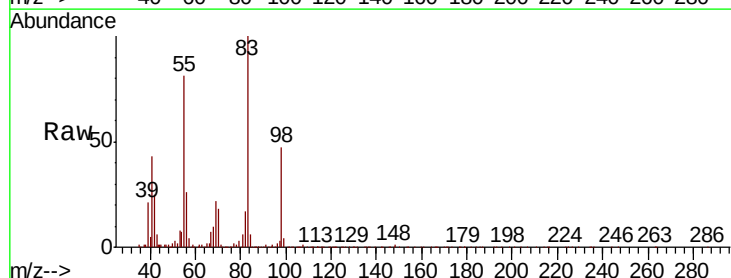
Tgt Ion: 83 Resp: 92651

Ion Ratio Lower Upper

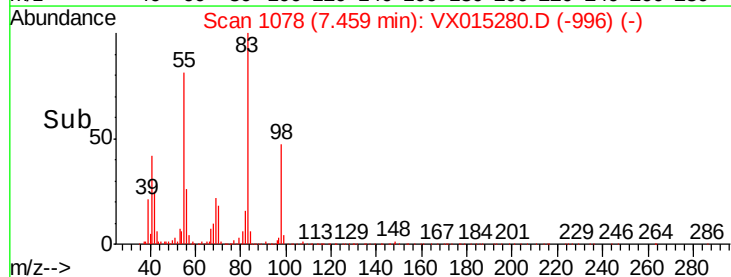
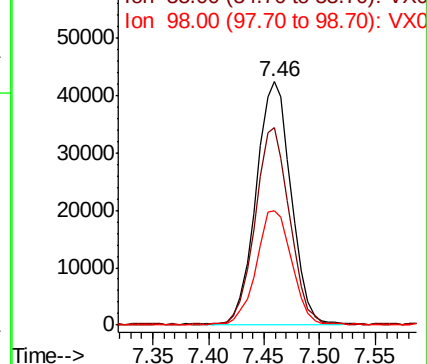
83 100

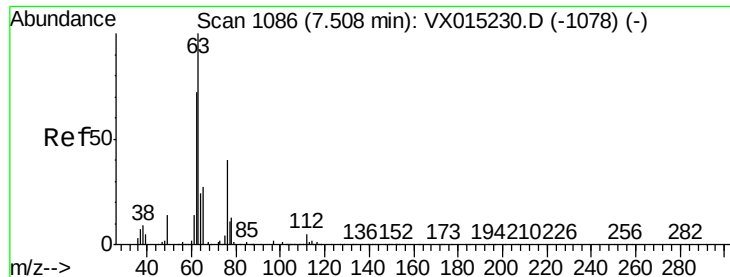
55 79.0 39.1 117.2

98 47.7 24.4 73.2



Abundance Ion 83.00 (82.70 to 83.70): VX015280.D (-996) (-)

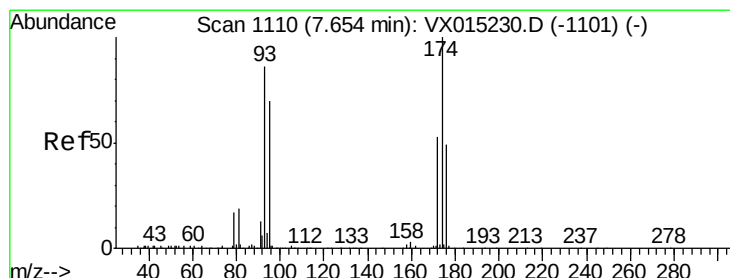
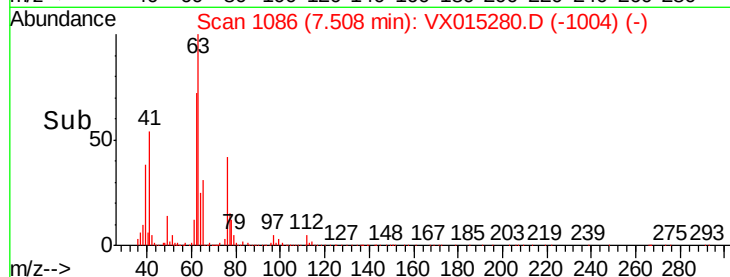
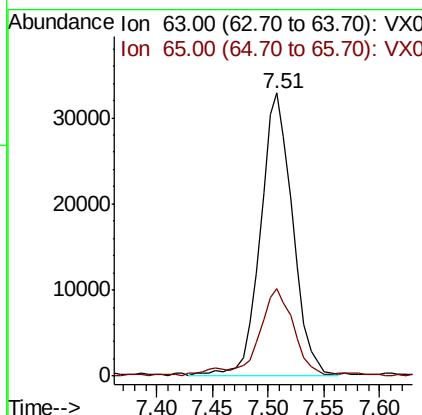
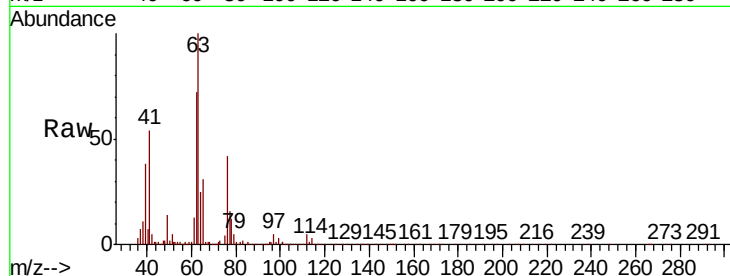




#39
 1,2-Dichloropropane
 Concen: 19.299 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

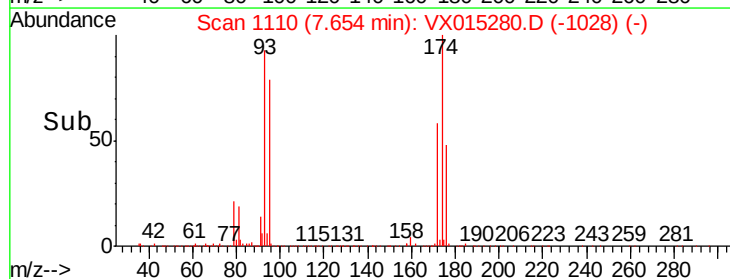
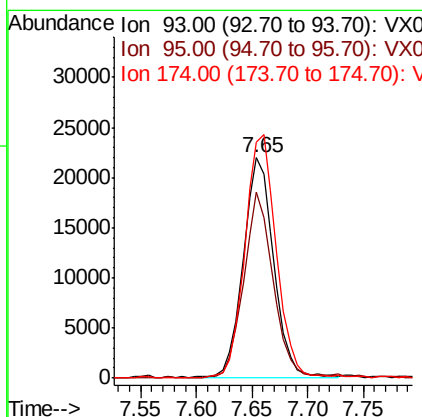
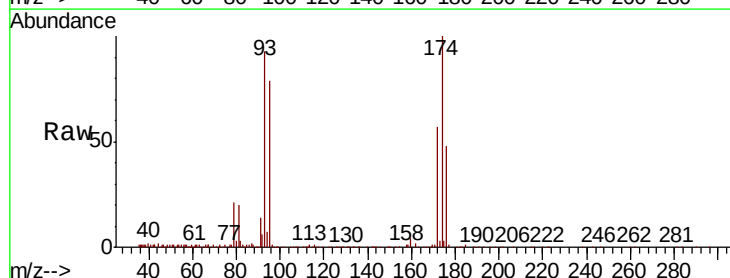
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

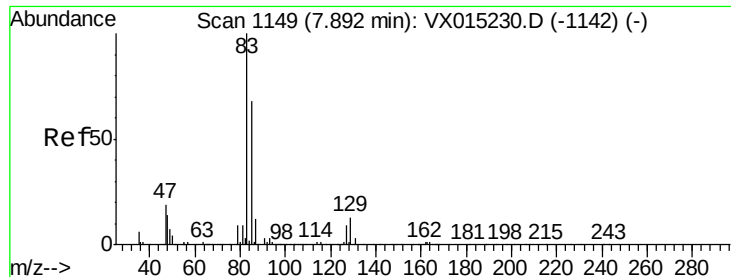
Tot Ion: 63 Resp: 65502
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.2 34.8



#40
 Dibromomethane
 Concen: 19.262 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion: 93 Resp: 41551
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 162.6
 174 114.7 0.0 233.6





#41

Bromodichloromethane

Concen: 18.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

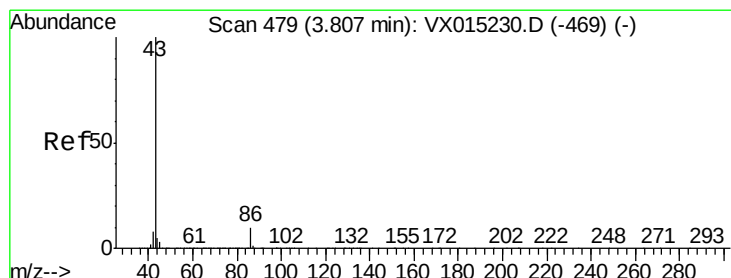
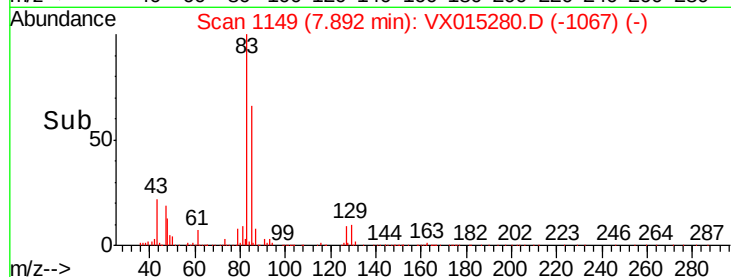
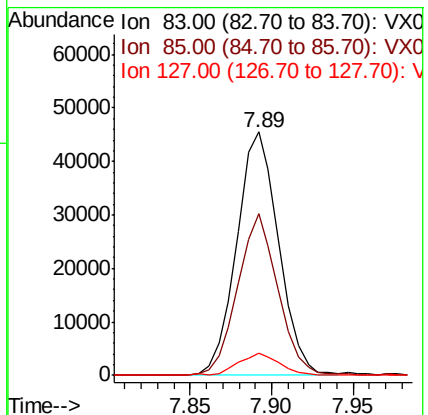
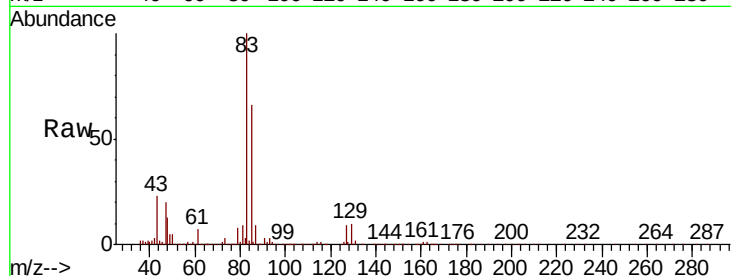
Tot Ion: 83 Resp: 80817

Ion Ratio Lower Upper

83 100

85 66.3 54.2 81.4

127 9.2 7.1 10.7



#42

Vinyl Acetate

Concen: 82.470 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015280.D

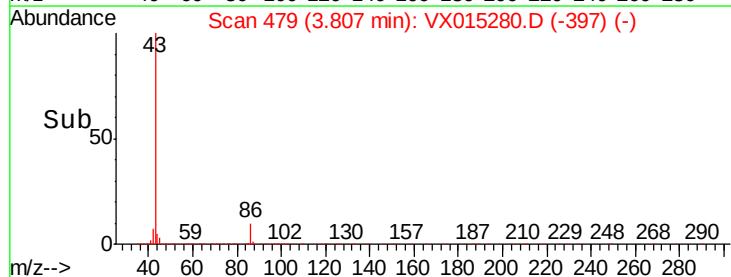
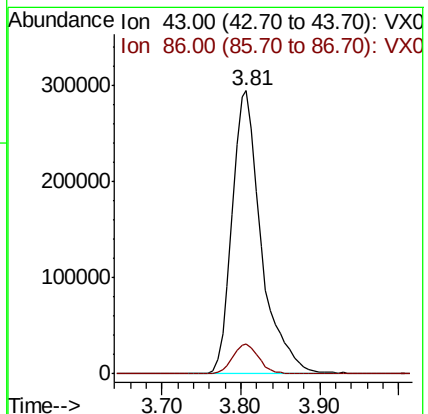
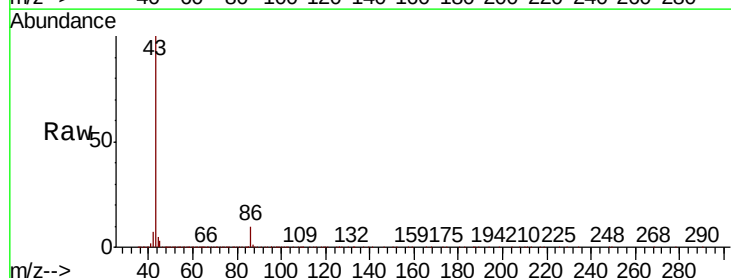
Acq: 14 Mar 2020 00:44

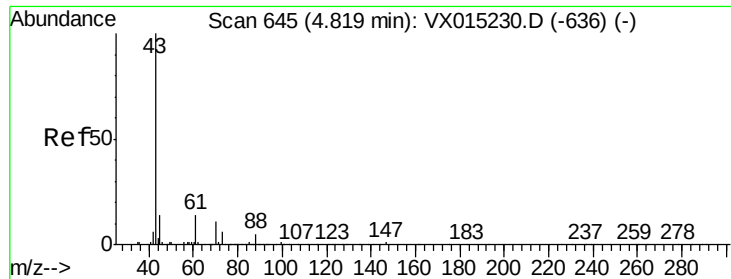
Tgt Ion: 43 Resp: 755156

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2

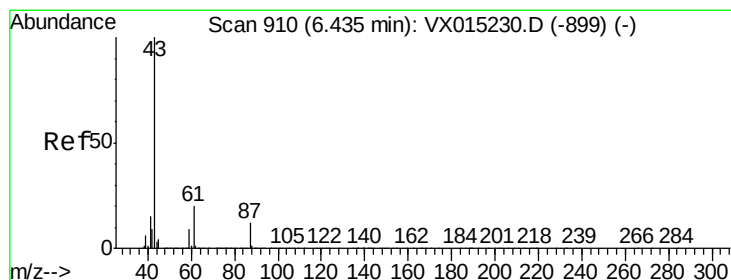
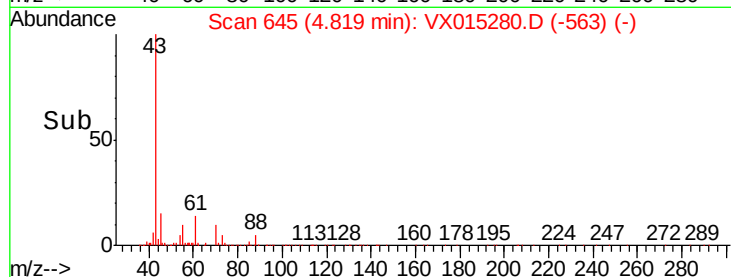
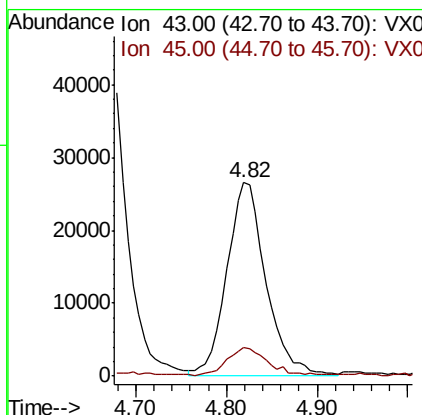
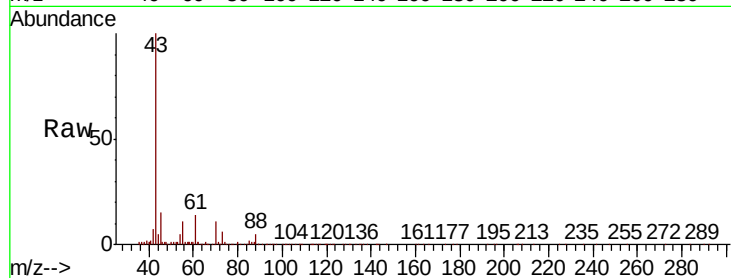




#43
Ethyl Acetate
Concen: 17.955 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

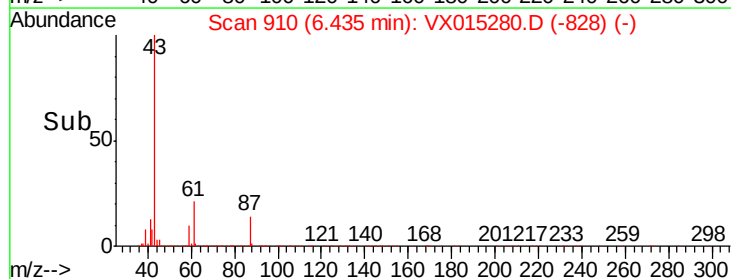
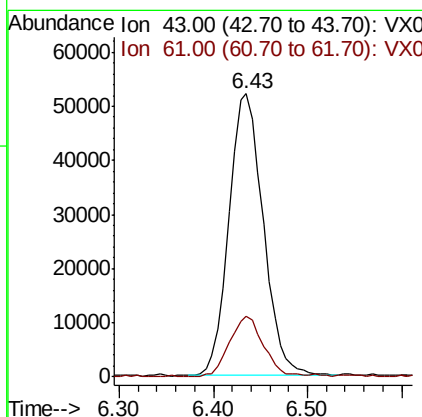
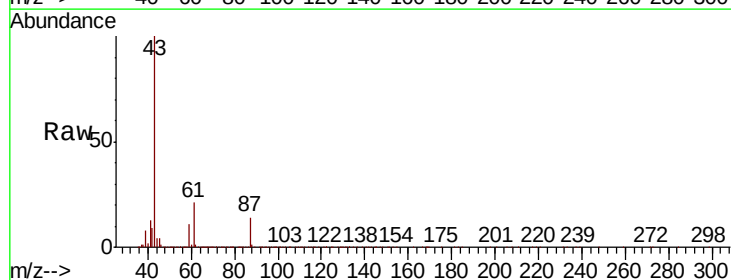
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

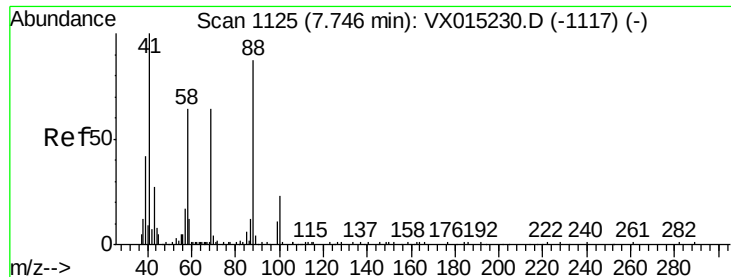
Tot Ion: 43 Resp: 79100
Ion Ratio Lower Upper
43 100
45 13.0 11.7 17.5



#44
Isopropyl Acetate
Concen: 17.674 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 43 Resp: 131702
Ion Ratio Lower Upper
43 100
61 20.6 17.0 25.4

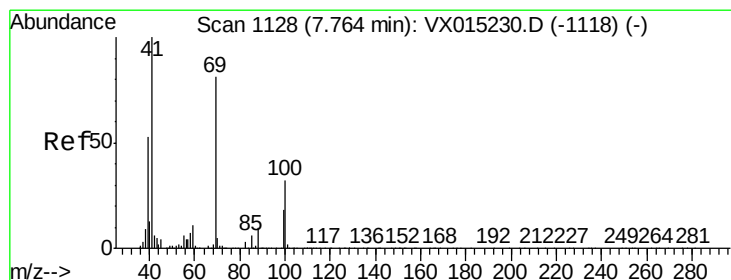
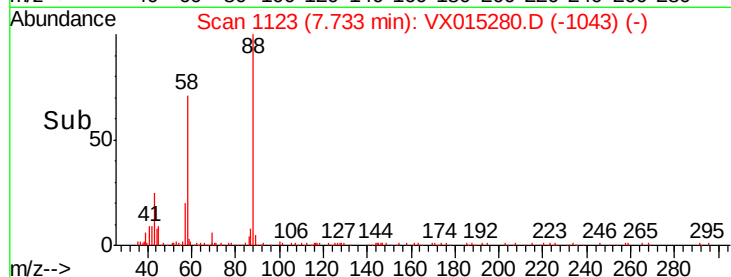
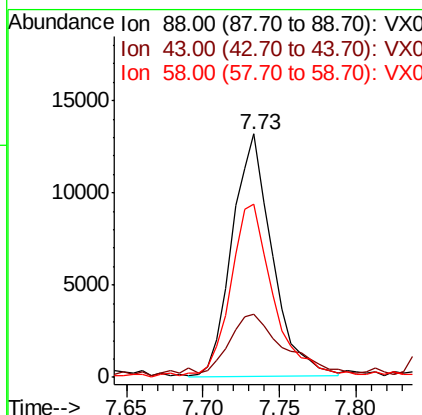
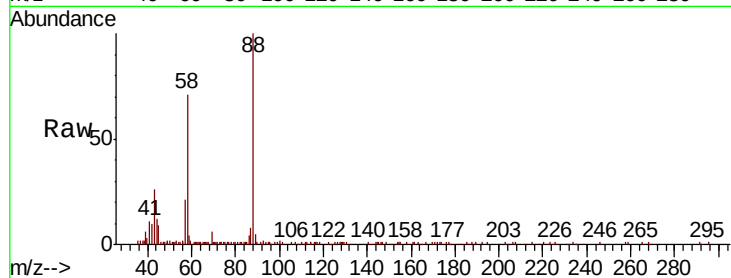




#45
1,4-Dioxane
Concen: 327.336 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

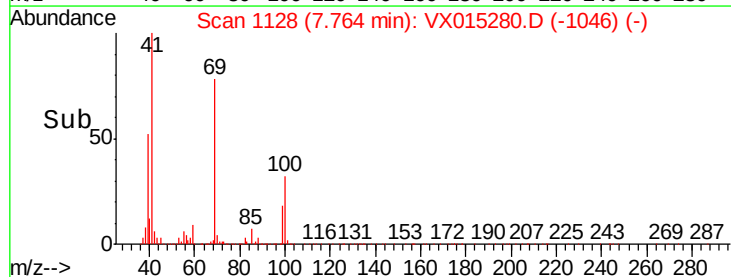
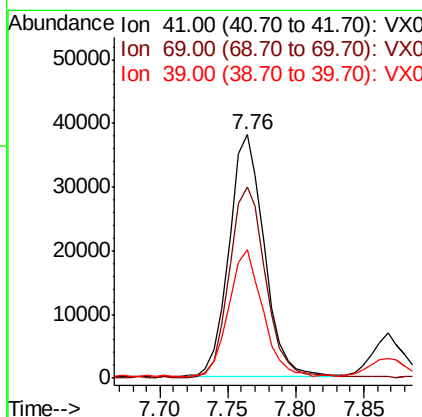
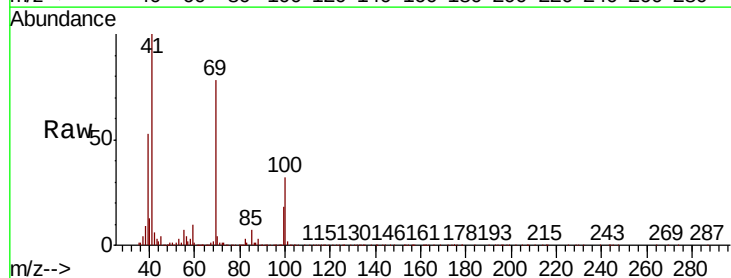
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

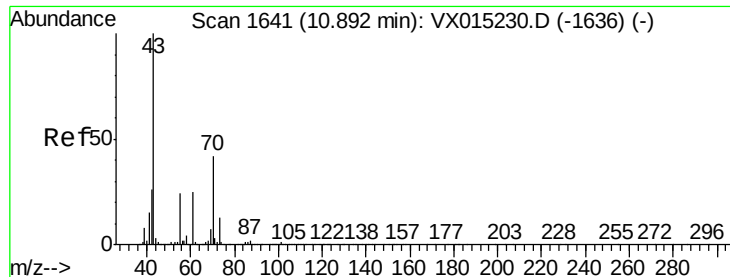
Tot Ion: 88 Resp: 23957
Ion Ratio Lower Upper
88 100
43 31.9 26.4 39.6
58 73.1 57.3 85.9



#46
Methyl methacrylate
Concen: 18.622 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 41 Resp: 68427
Ion Ratio Lower Upper
41 100
69 78.7 40.5 121.4
39 52.4 26.6 79.8

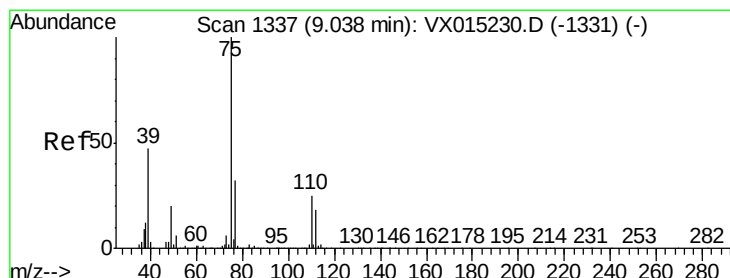
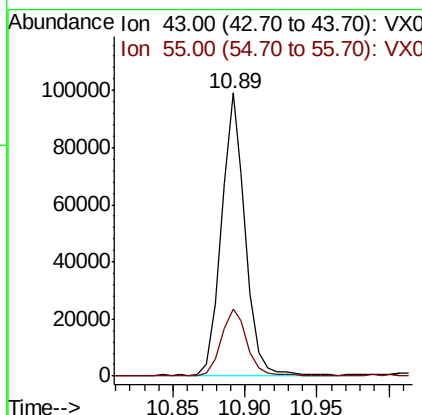
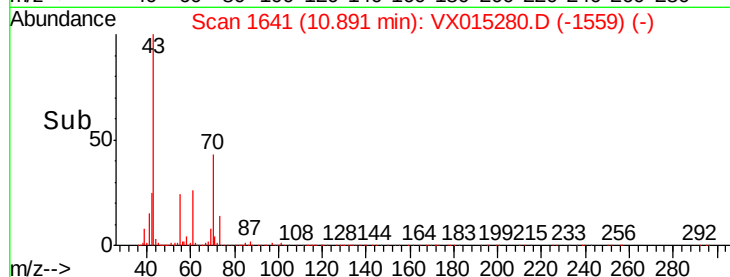
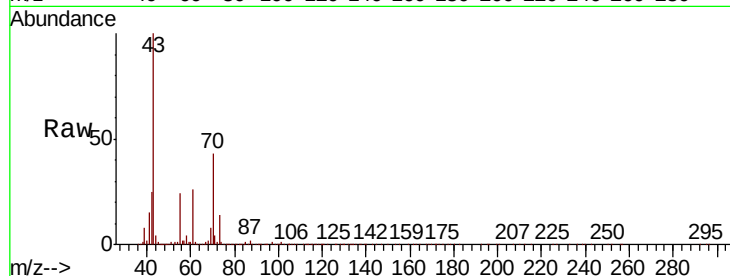




#47
n-amvl Acetate
Concen: 16.876 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

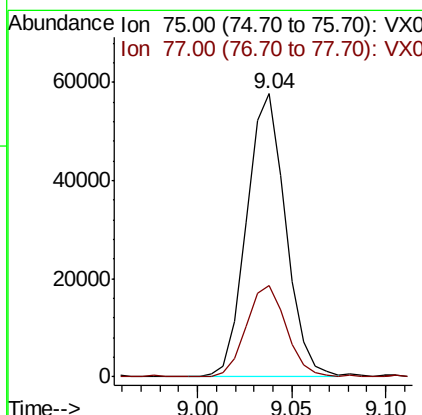
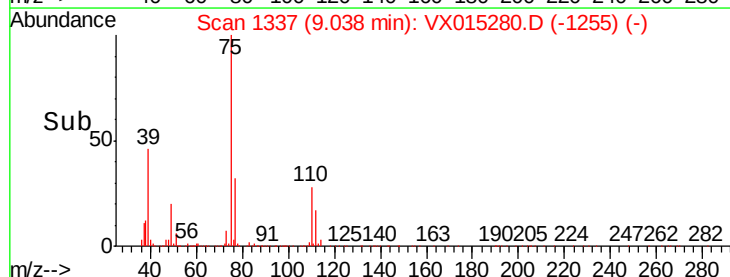
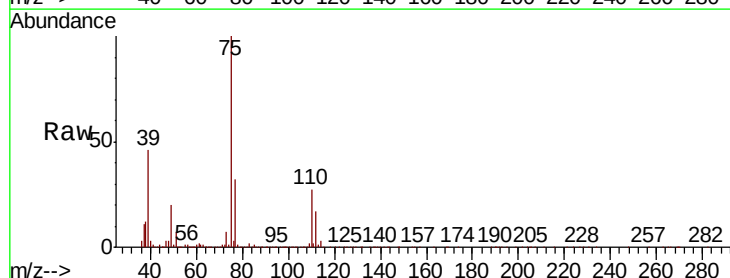
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

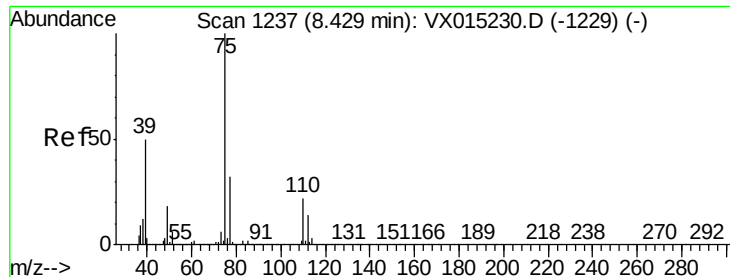
Tot Ion: 43 Resp: 112838
Ion Ratio Lower Upper
43 100
55 25.1 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 17.760 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 75 Resp: 82395
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7



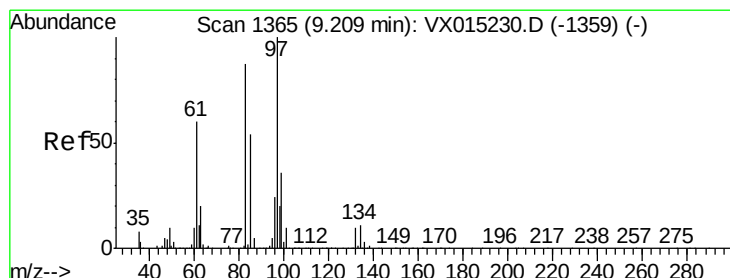
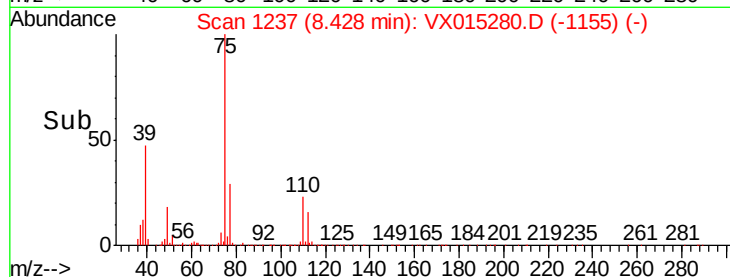
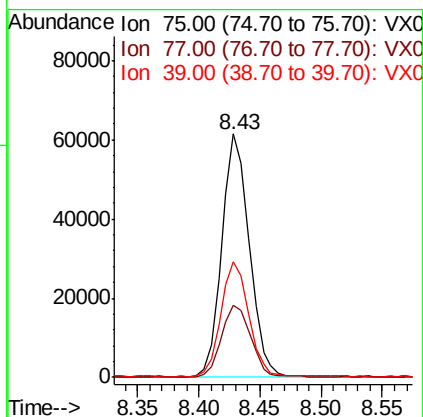
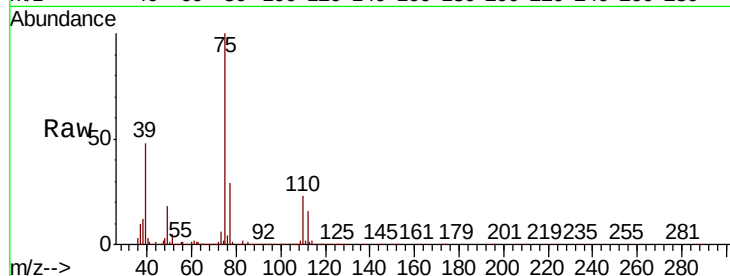


#49

cis-1,3-Dichloropropene
Concen: 18.152 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

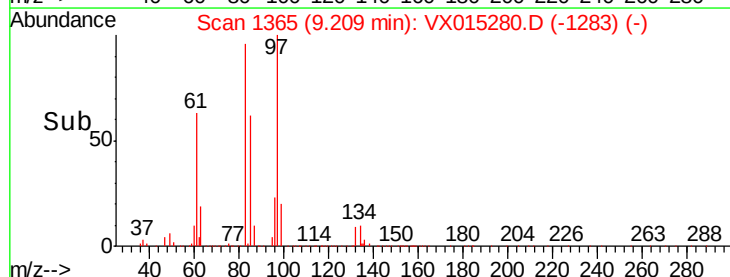
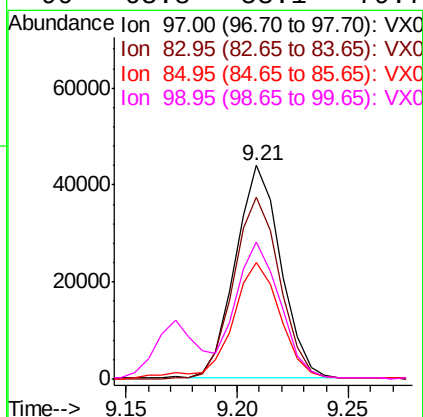
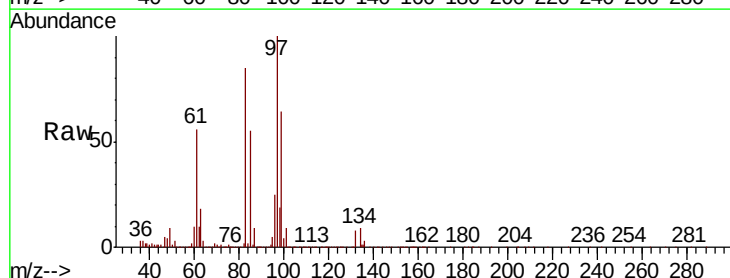
Tot Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.3	37.9
39	47.4	39.8	59.6

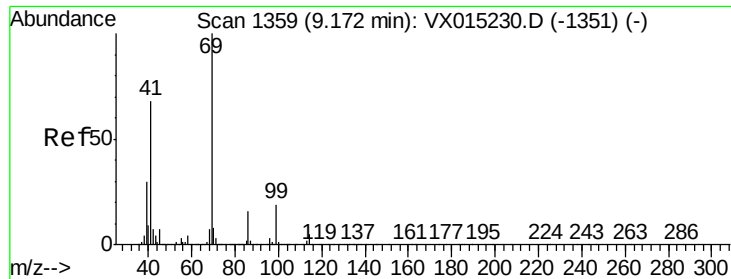


#50

1,1,2-Trichloroethane
Concen: 19.437 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.7	104.5
85	54.4	45.4	68.0
99	63.8	53.1	79.7





#51

Ethyl methacrylate

Concen: 18.615 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

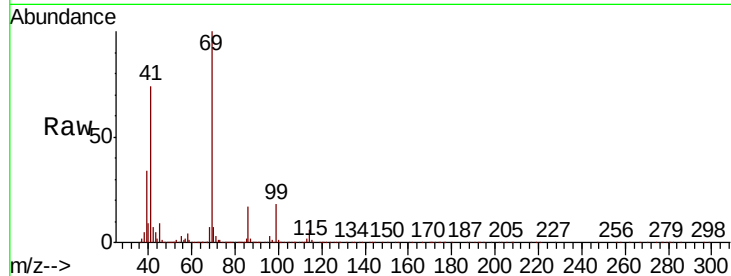
Tot Ion: 69 Resp: 92650

Ion Ratio Lower Upper

69 100

41 73.3 33.8 101.3

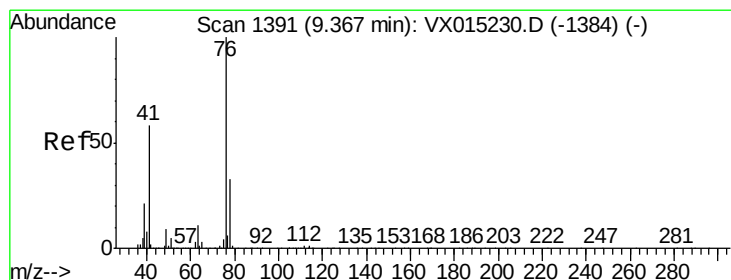
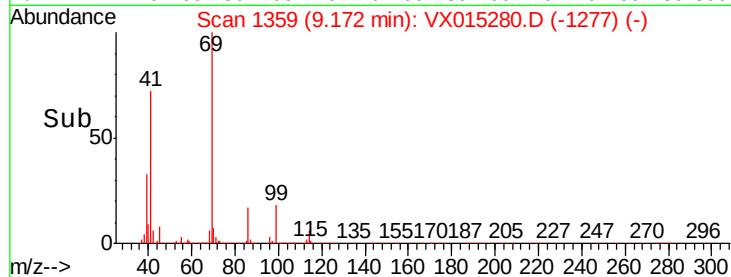
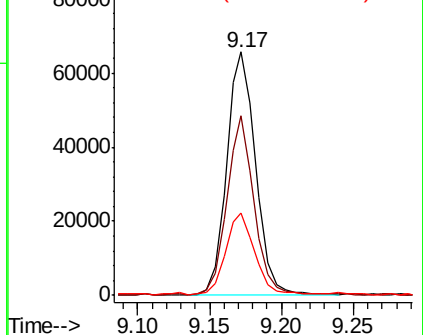
39 33.6 15.1 45.3



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: 19.036 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015280.D

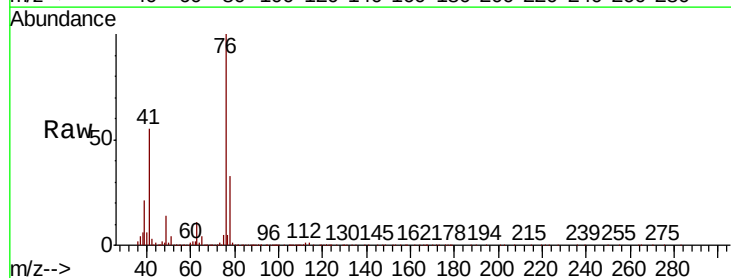
Acq: 14 Mar 2020 00:44

Tgt Ion: 76 Resp: 102765

Ion Ratio Lower Upper

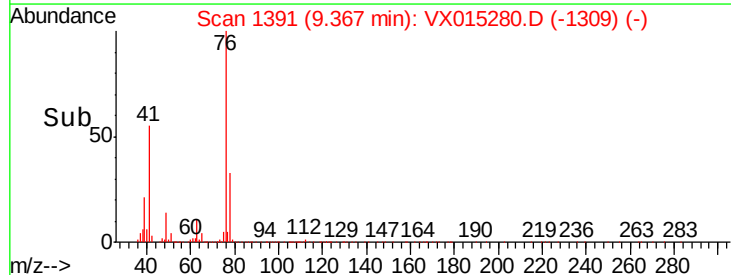
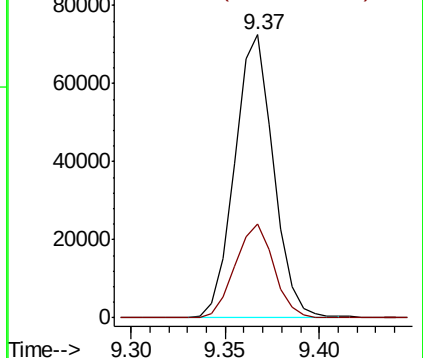
76 100

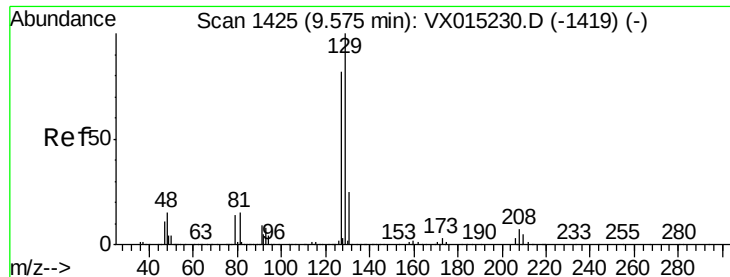
78 32.9 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.930 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

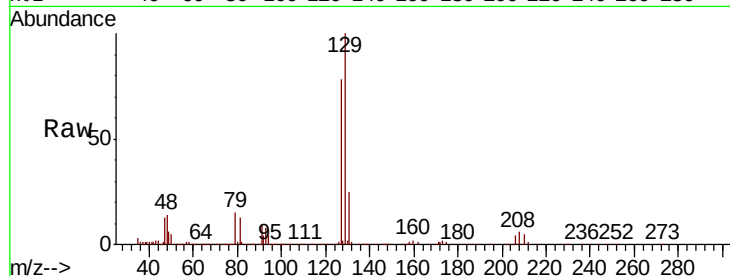
VSTDCCC020EC

Tot Ion:129 Resp: 64304

Ion Ratio Lower Upper

129 100

127 77.0 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

50000

40000

30000

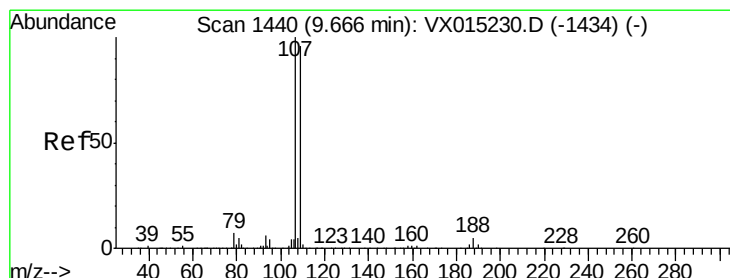
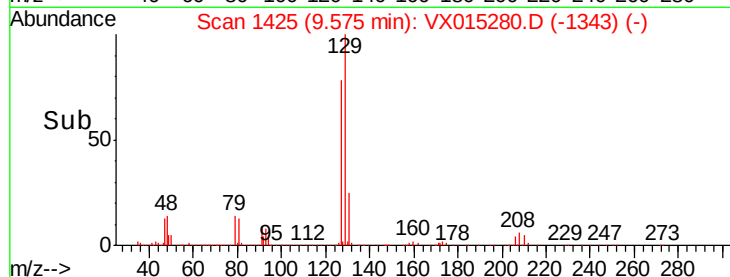
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 18.876 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015280.D

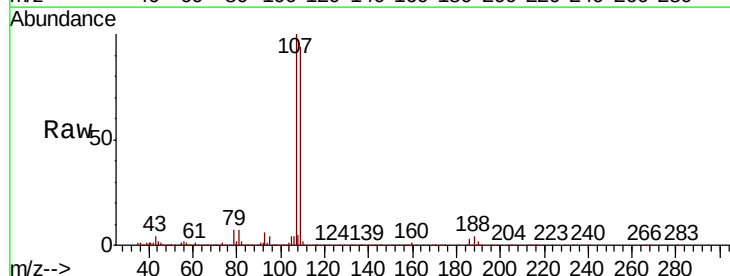
Acq: 14 Mar 2020 00:44

Tgt Ion:107 Resp: 62111

Ion Ratio Lower Upper

107 100

109 94.5 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

50000

40000

30000

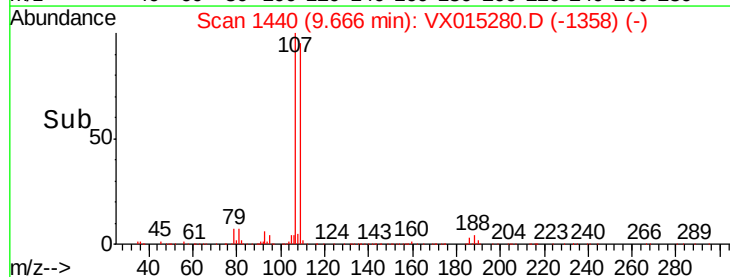
20000

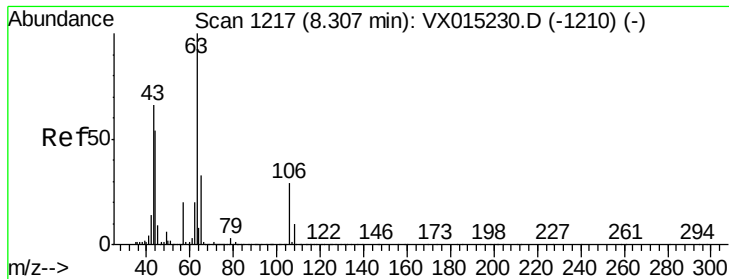
10000

0

9.60 9.65 9.70

Time-->

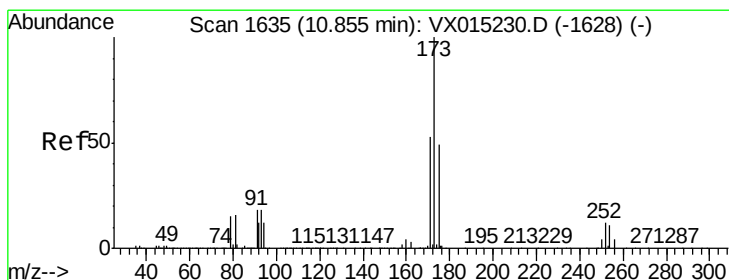
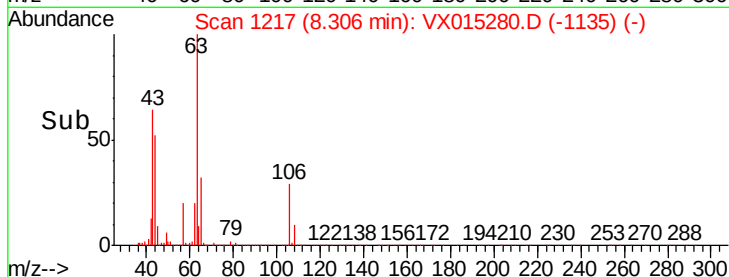
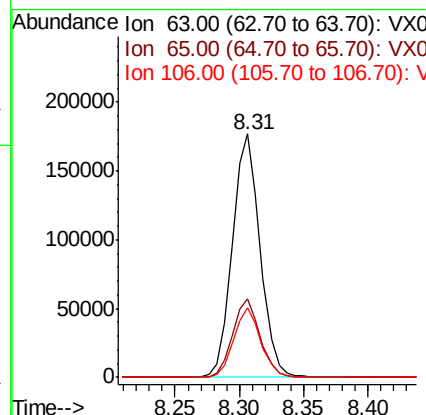
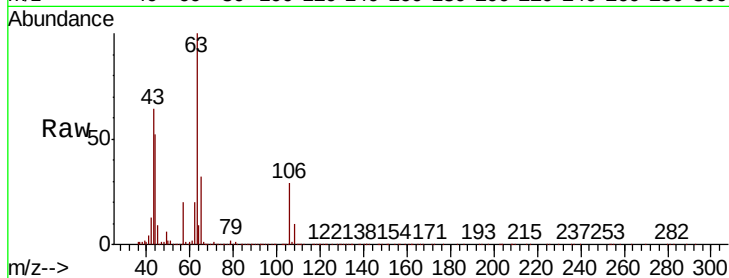




#55
2-Chloroethyl vinyl ether
Concen: 106.390 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

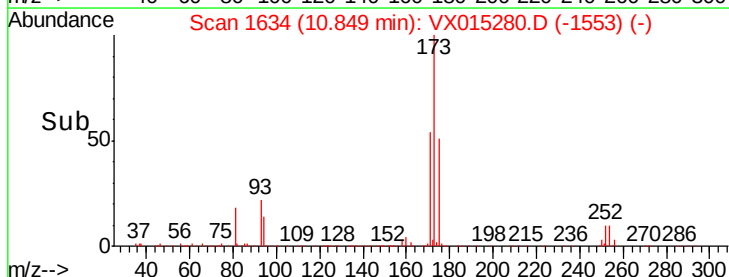
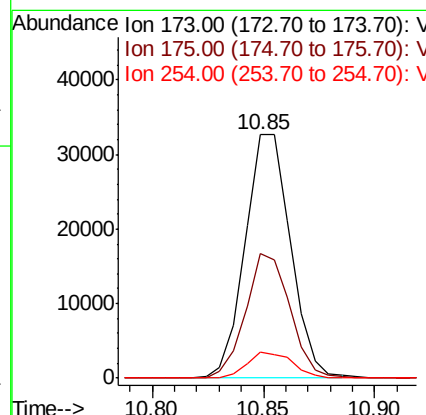
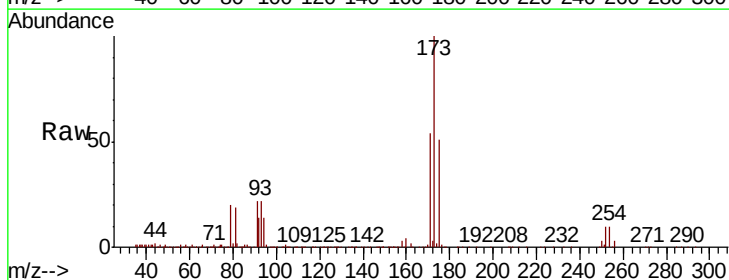
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

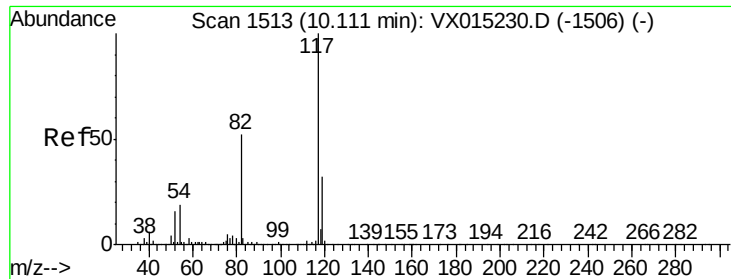
Tot Ion: 63 Resp: 265204
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 28.0 23.0 34.4



#56
Bromoform
Concen: 17.554 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion: 173 Resp: 46752
Ion Ratio Lower Upper
173 100
175 49.7 38.9 58.3
254 10.6 9.1 13.7

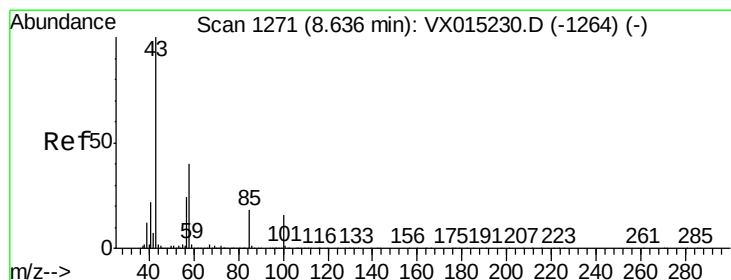
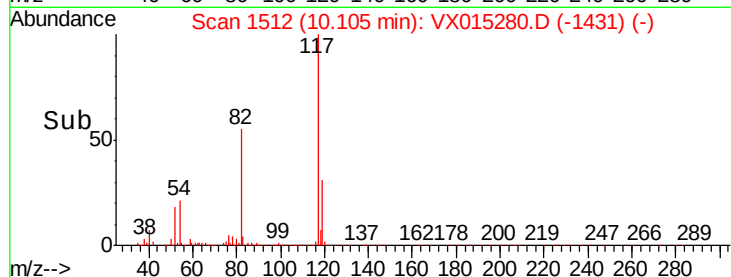
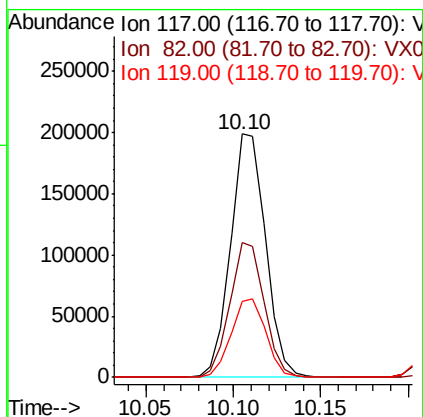
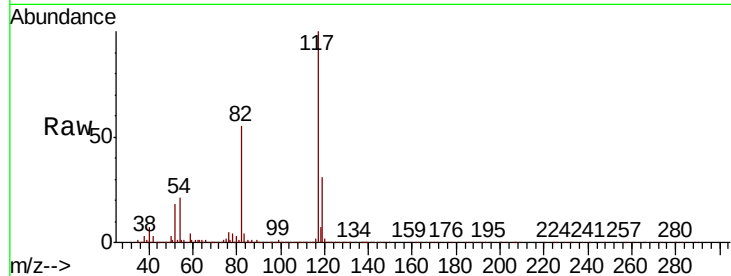




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

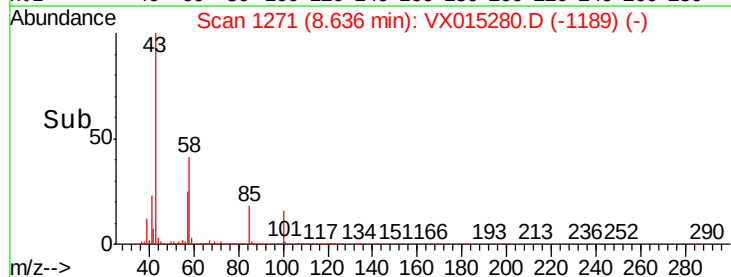
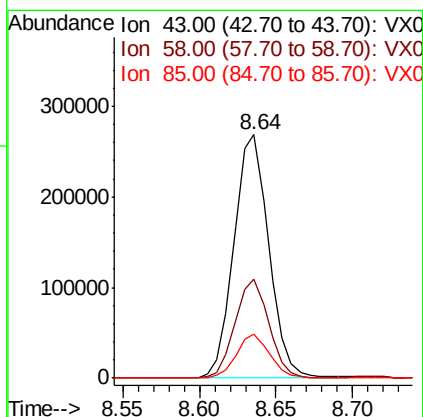
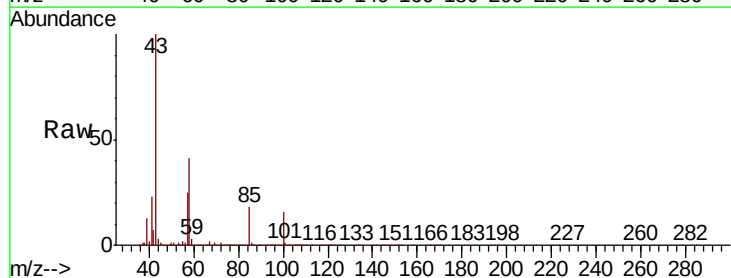
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

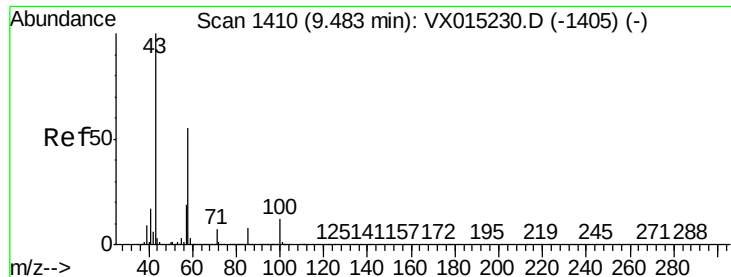
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.2	64.8
119	32.0	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 89.679 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.1	13.8	20.8

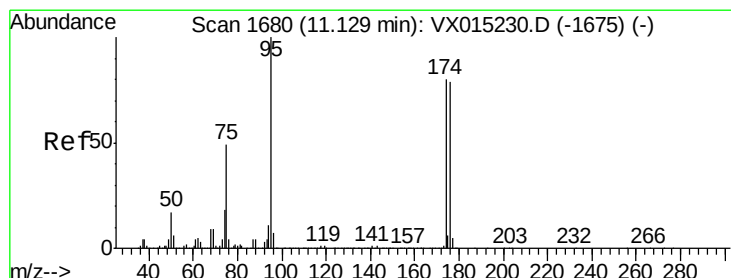
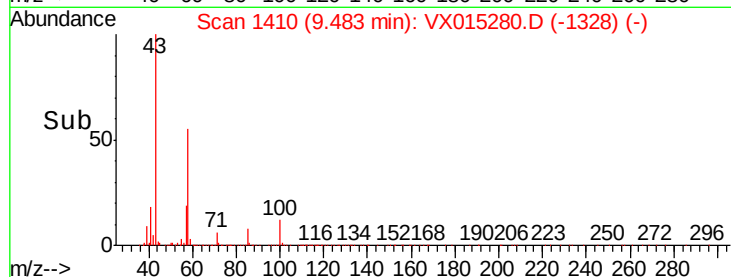
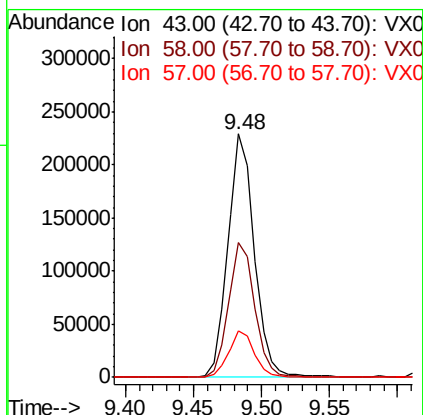
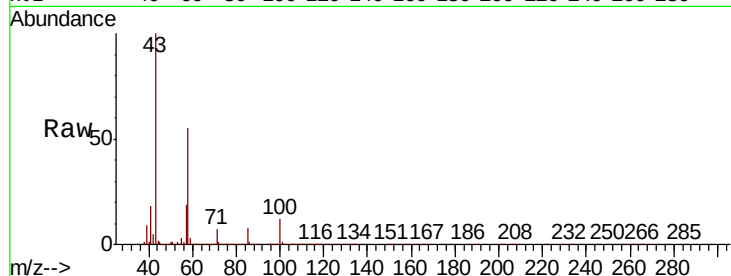




#59
2-Hexanone
Concen: 86.586 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

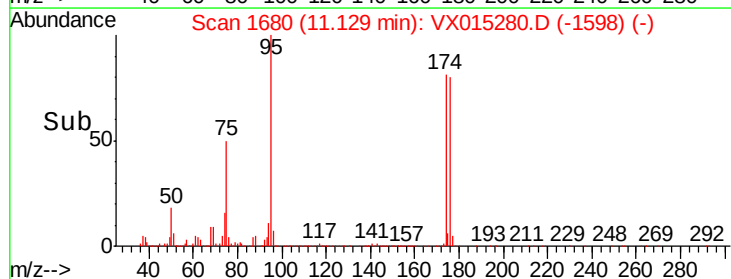
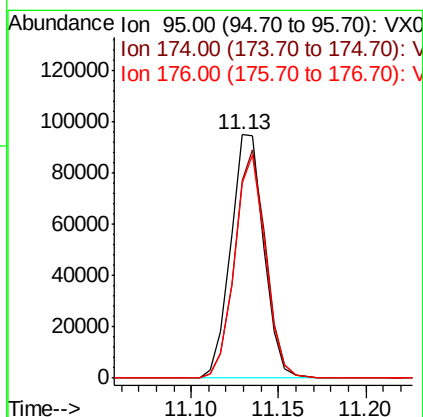
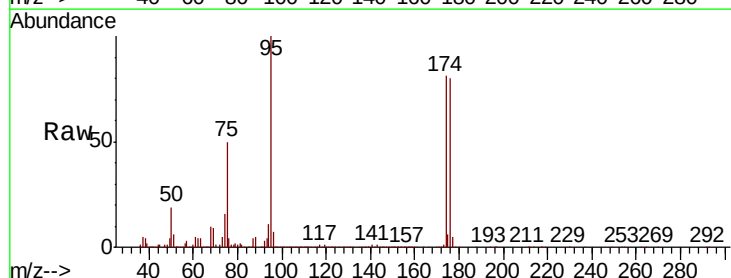
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

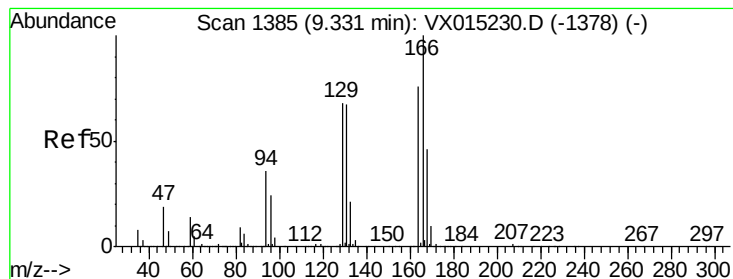
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	44.6	66.8
57	18.4	14.6	21.8



#60
4-Bromofluorobenzene
Concen: 28.258 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	72.0	108.0
176	85.9	70.1	105.1





#61

Tetrachloroethene

Concen: 17.735 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 68397

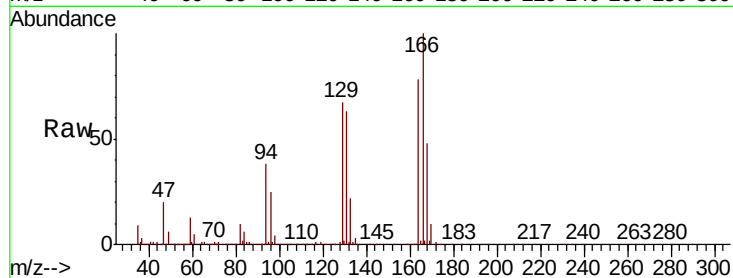
Ion Ratio Lower Upper

164 100

166 127.6 105.1 157.7

129 85.7 71.5 107.3

131 80.8 69.9 104.9

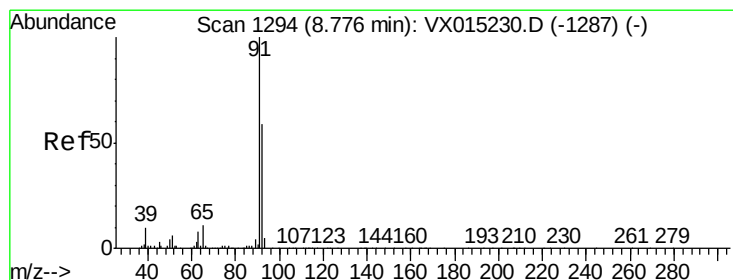
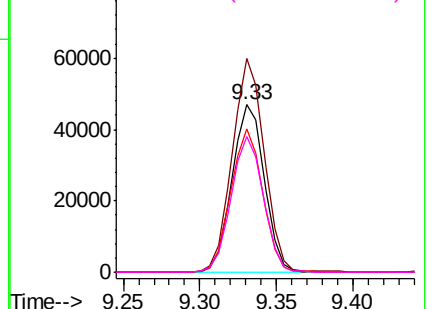
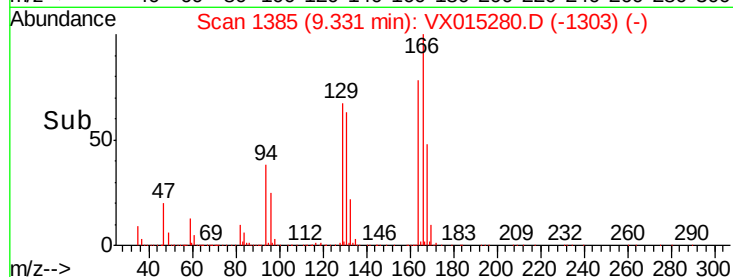


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.062 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015280.D

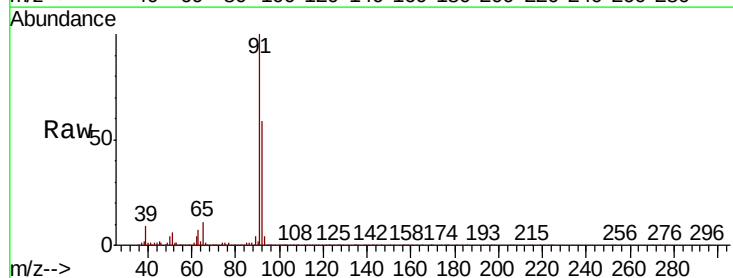
Acq: 14 Mar 2020 00:44

Tgt Ion: 91 Resp: 264814

Ion Ratio Lower Upper

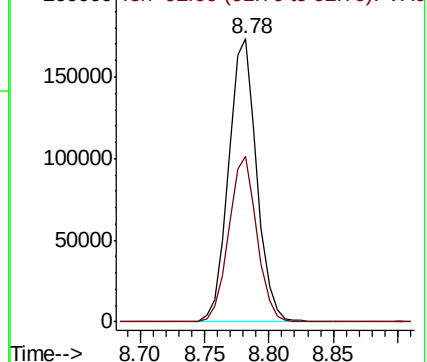
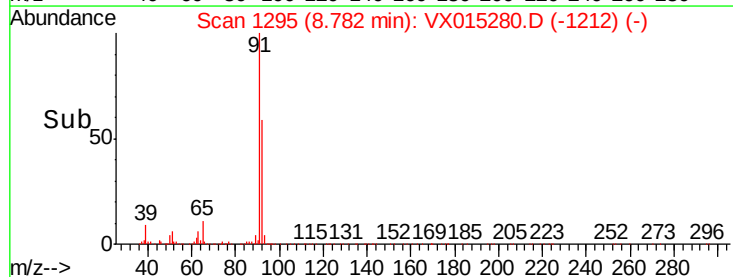
91 100

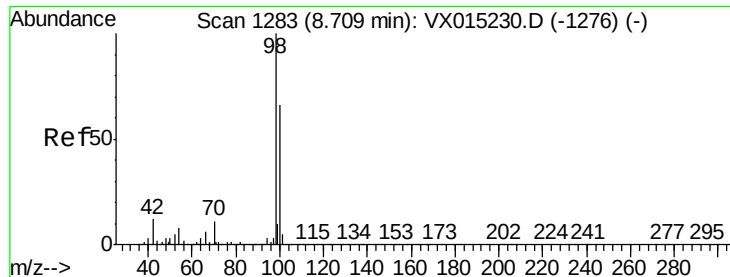
92 58.6 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.797 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

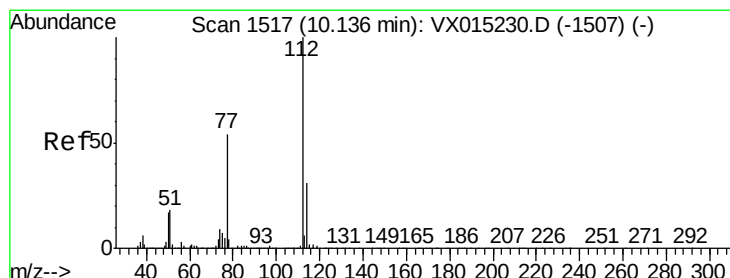
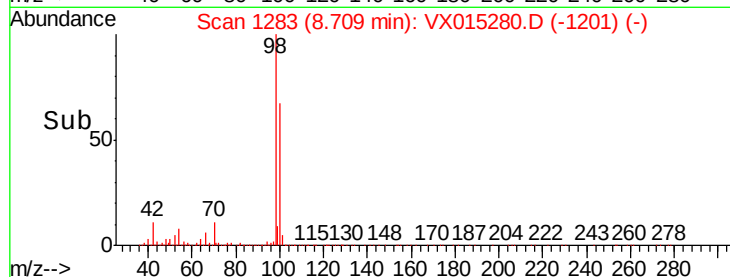
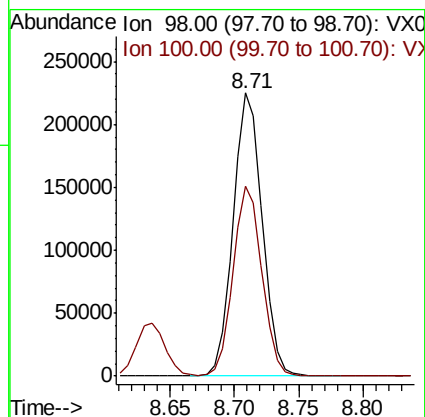
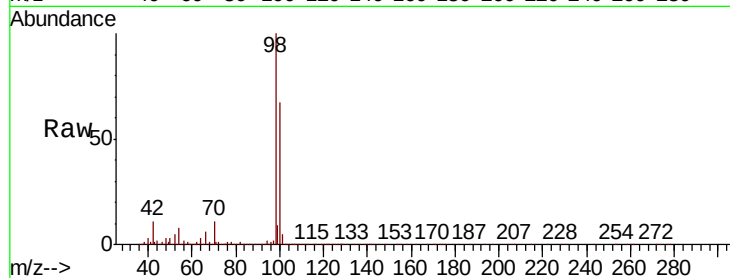
VSTDCCC020EC

Tot Ion: 98 Resp: 353613

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#64

Chlorobenzene

Concen: 18.375 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015280.D

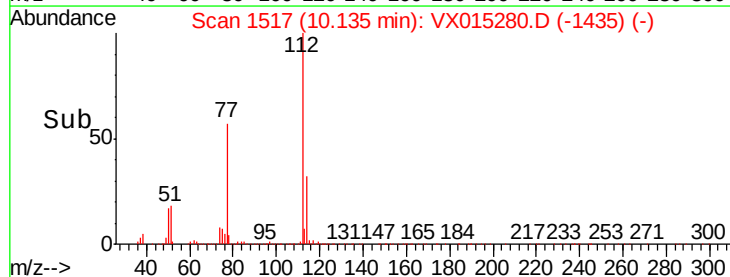
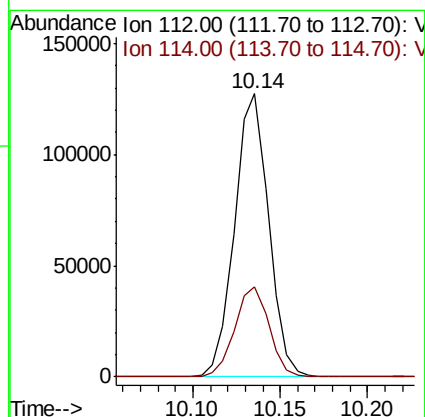
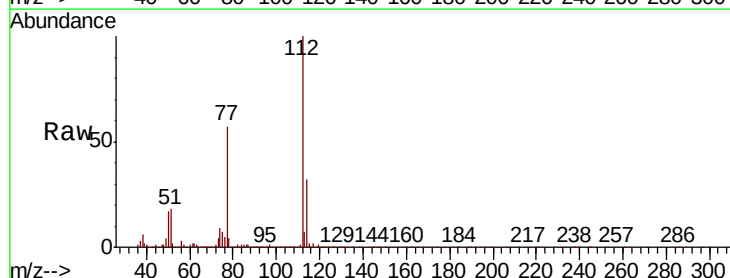
Acq: 14 Mar 2020 00:44

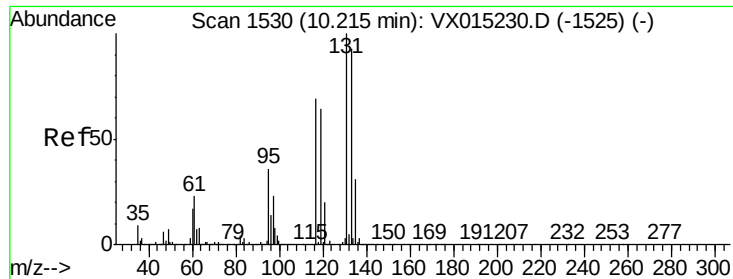
Tgt Ion: 112 Resp: 172137

Ion Ratio Lower Upper

112 100

114 31.9 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.858 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

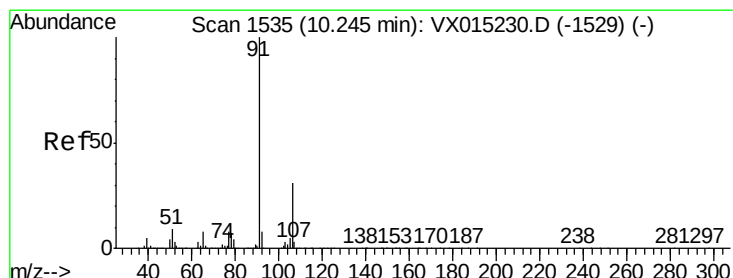
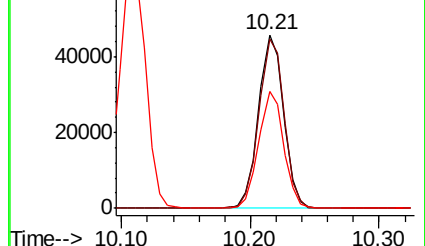
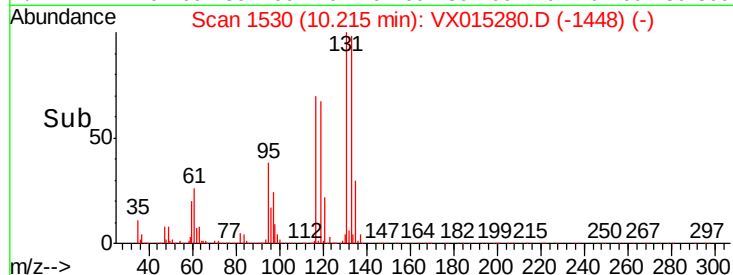
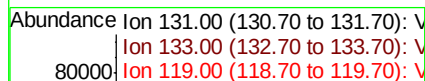
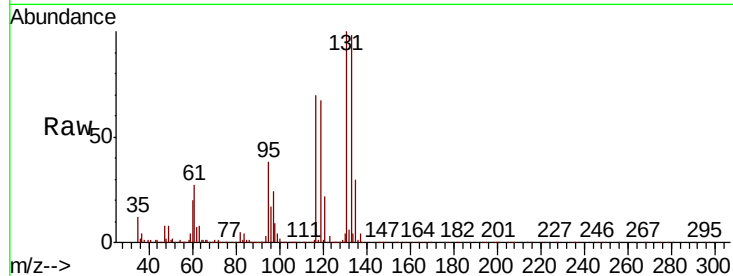
Tot Ion:131 Resp: 61620

Ion Ratio Lower Upper

131 100

133 96.8 0.0 188.0

119 66.3 0.0 131.0



#66

Ethyl Benzene

Concen: 17.990 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015280.D

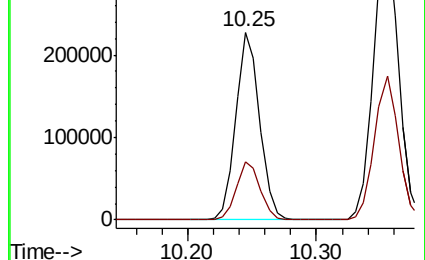
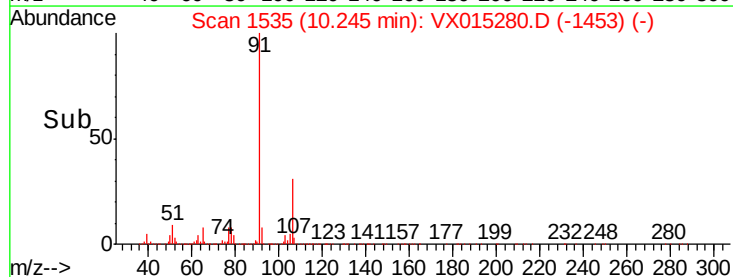
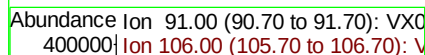
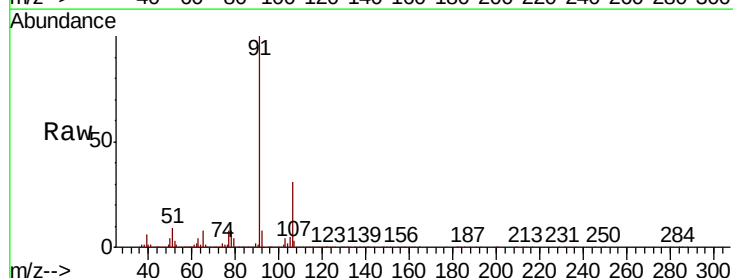
Acq: 14 Mar 2020 00:44

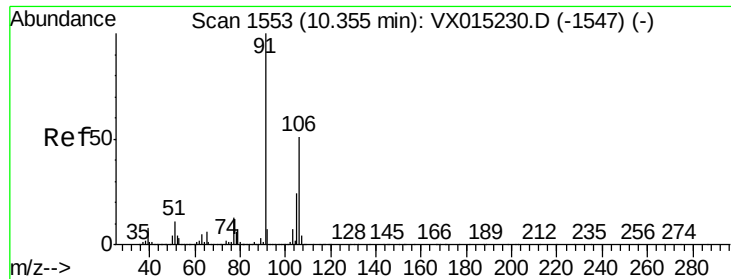
Tgt Ion: 91 Resp: 293813

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3

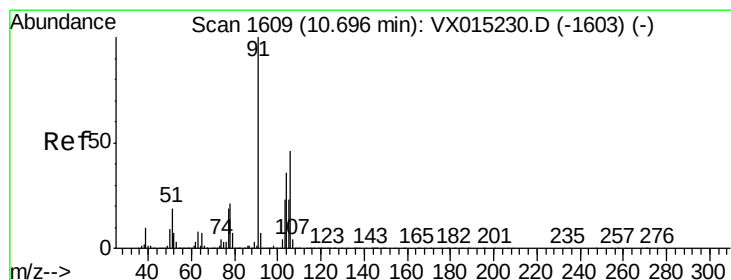
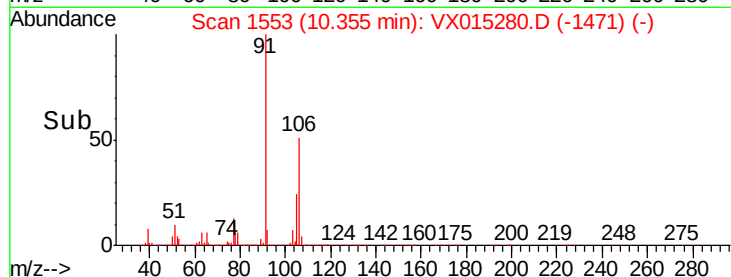
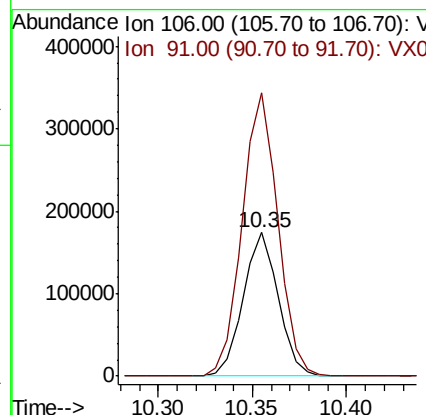
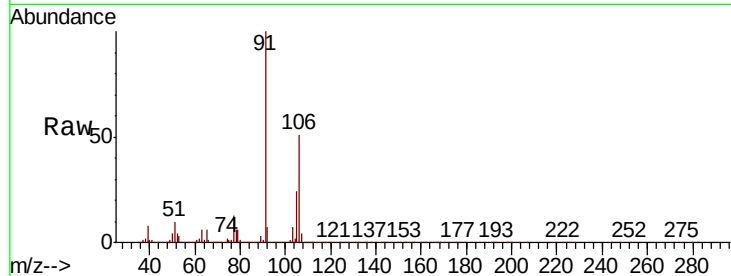




#67
m/p-Xylenes
Concen: 35.654 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

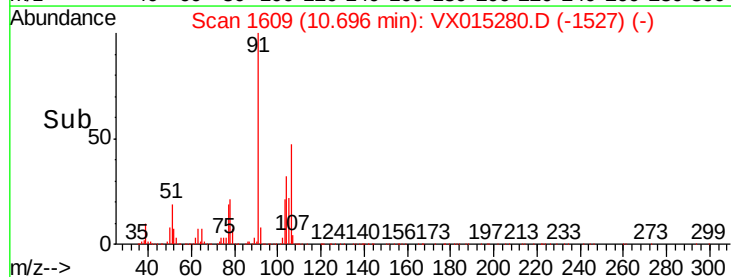
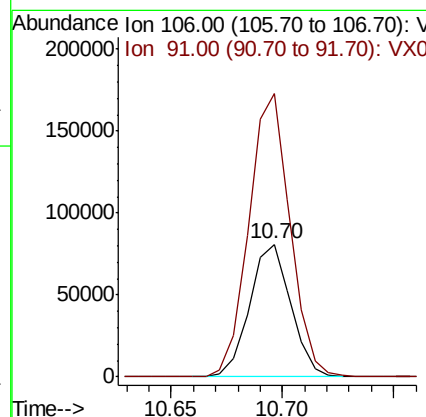
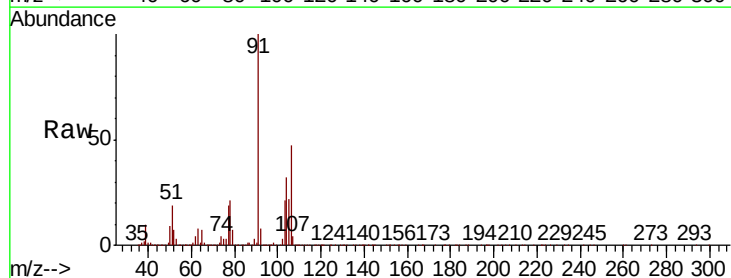
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

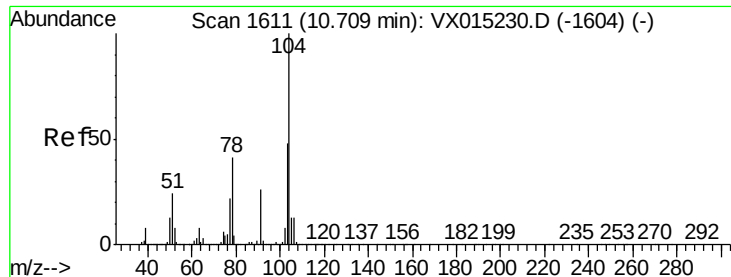
Tot Ion:106 Resp: 223523
Ion Ratio Lower Upper
106 100
91 200.6 160.1 240.1



#68
o-Xylene
Concen: 17.362 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion:106 Resp: 104361
Ion Ratio Lower Upper
106 100
91 213.2 106.4 319.2





#69

Stvrene

Concen: 17.325 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

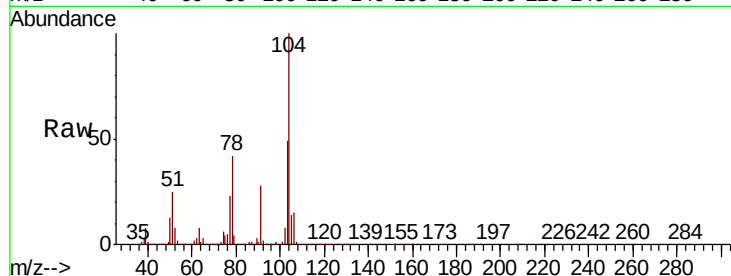
Tot Ion:104 Resp: 181228

Ion Ratio Lower Upper

104 100

78 48.3 38.9 58.3

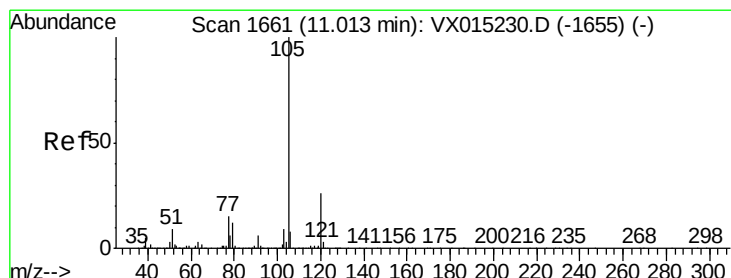
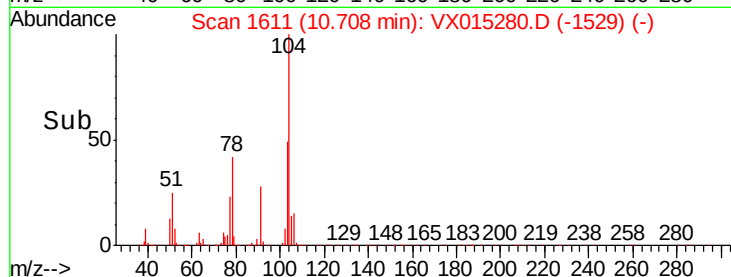
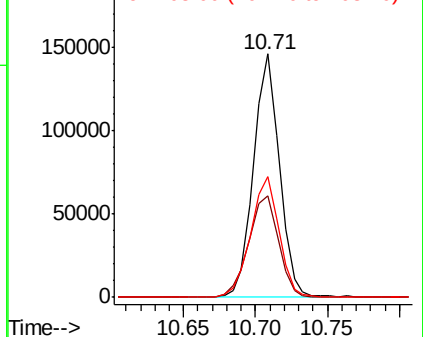
103 54.4 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 17.511 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015280.D

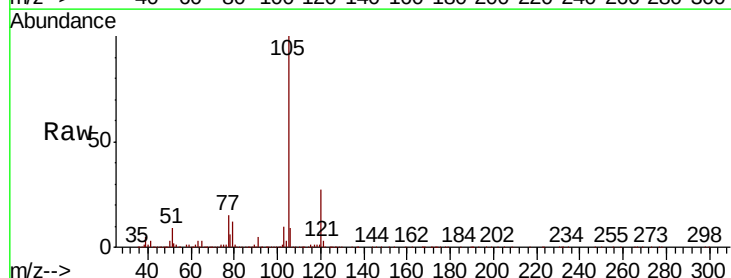
Acq: 14 Mar 2020 00:44

Tgt Ion:105 Resp: 280146

Ion Ratio Lower Upper

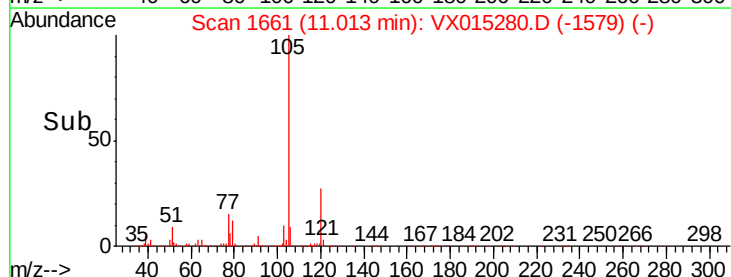
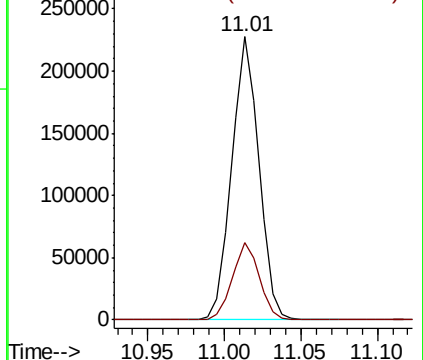
105 100

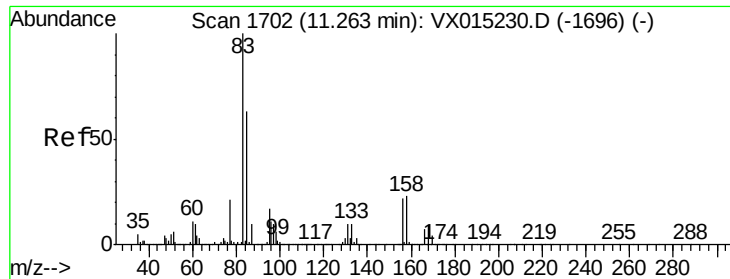
120 26.9 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

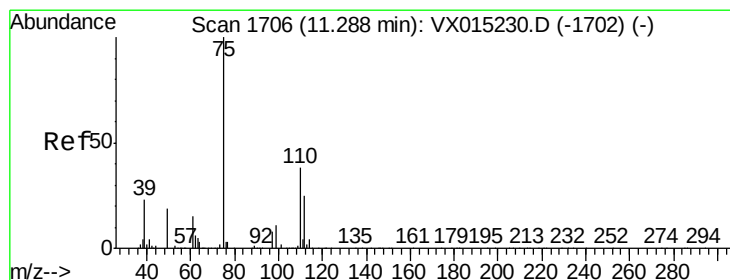
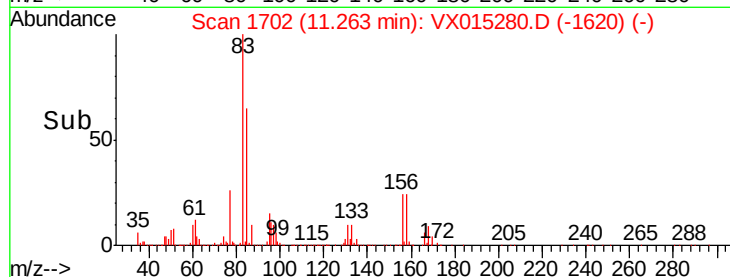
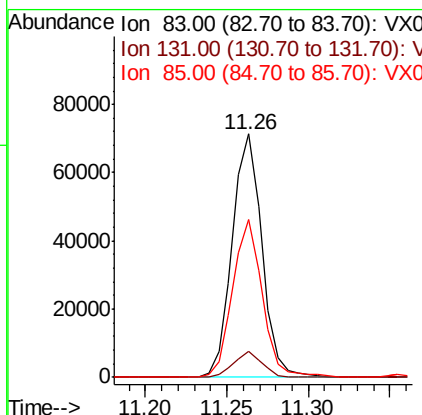
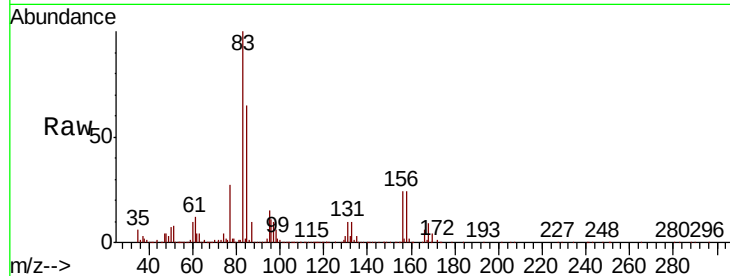




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.461 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

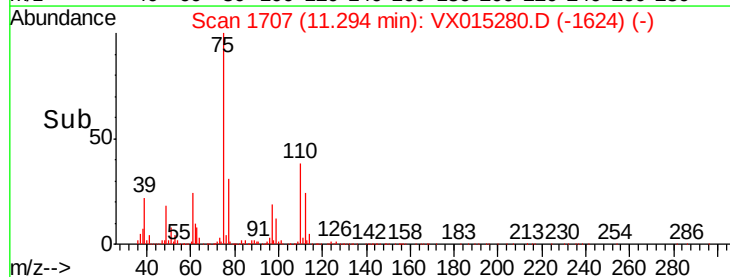
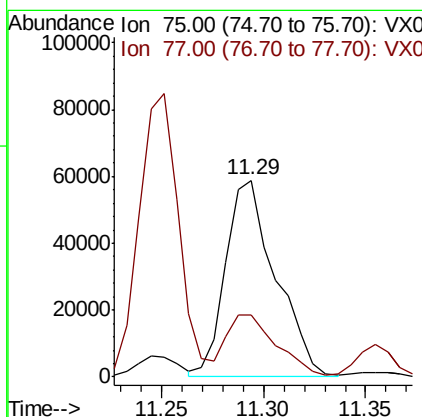
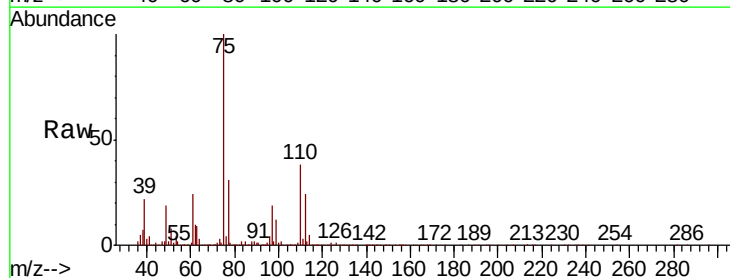
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

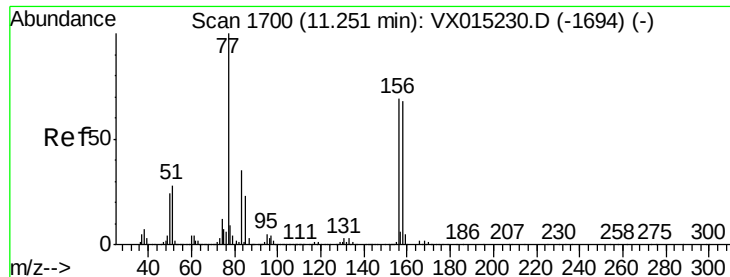
Tot Ion: 83 Resp: 90678
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 64.9 31.8 95.4



#72
 1,2,3-Trichloropropane
 Concen: 23.463 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion: 75 Resp: 99739
 Ion Ratio Lower Upper
 75 100
 77 30.9 0.0 83.0





#73

Bromobenzene

Concen: 17.350 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

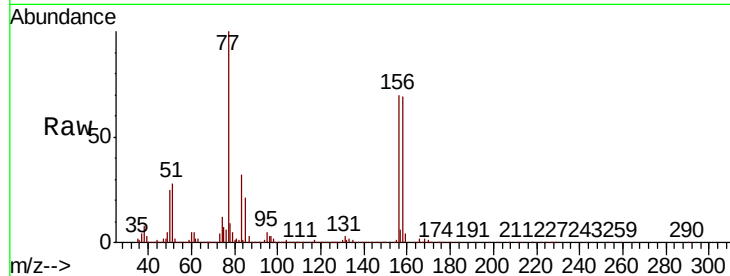
Tot Ion:156 Resp: 75702

Ion Ratio Lower Upper

156 100

77 151.0 0.0 305.0

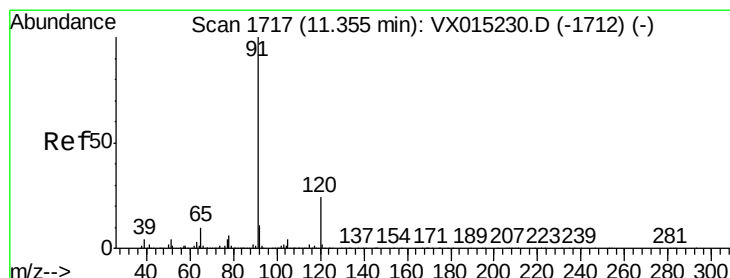
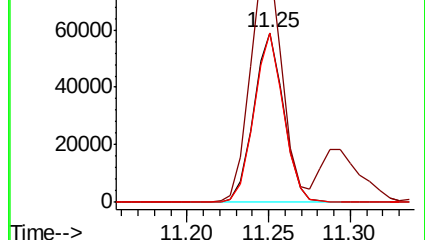
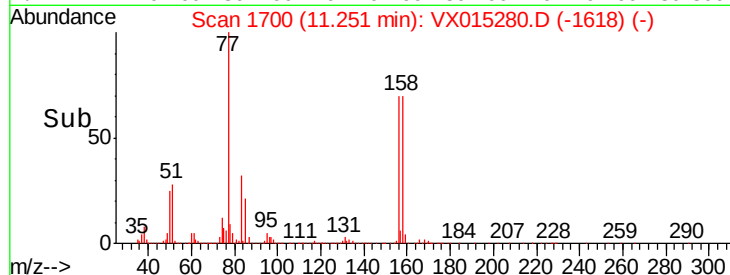
158 98.2 0.0 197.2



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: 17.101 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015280.D

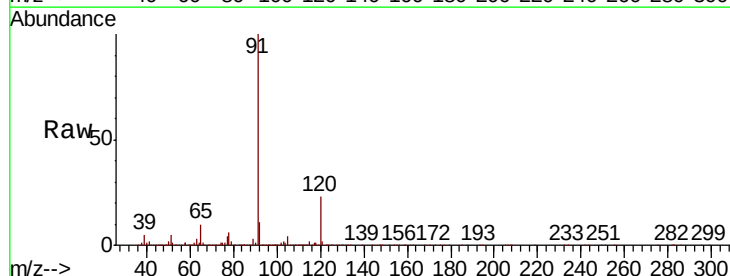
Acq: 14 Mar 2020 00:44

Tgt Ion: 91 Resp: 323210

Ion Ratio Lower Upper

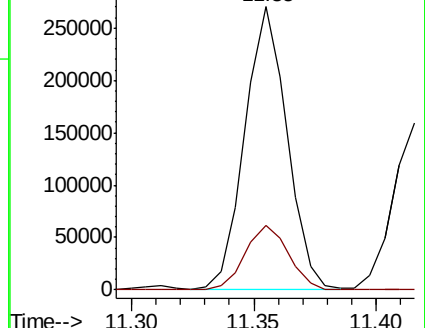
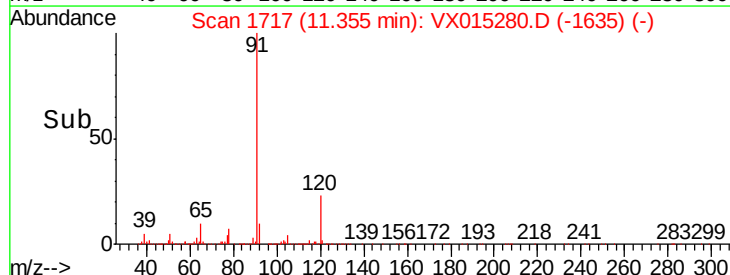
91 100

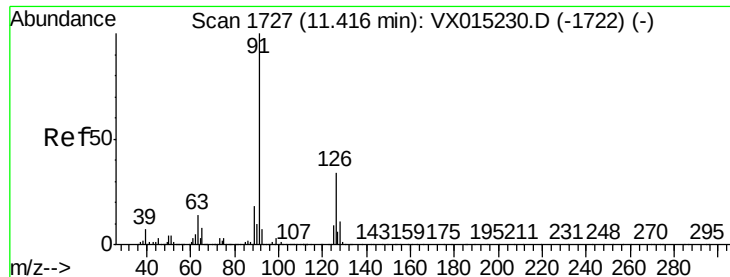
120 23.3 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.459 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

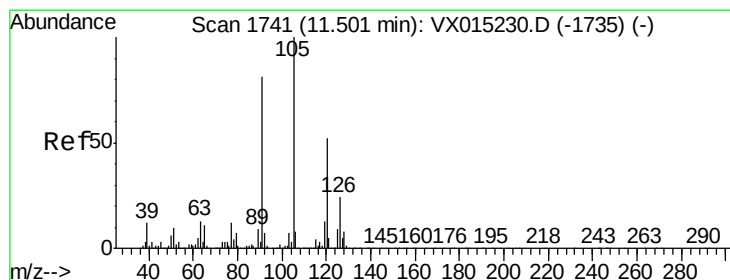
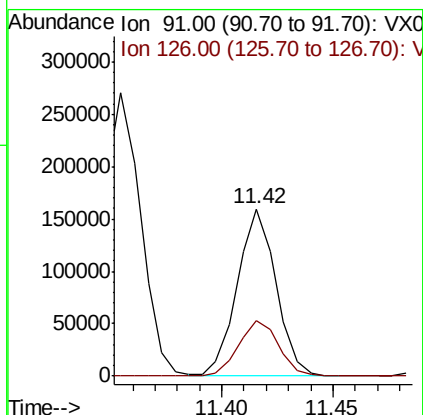
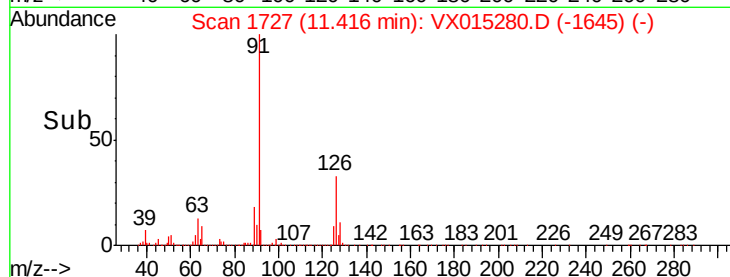
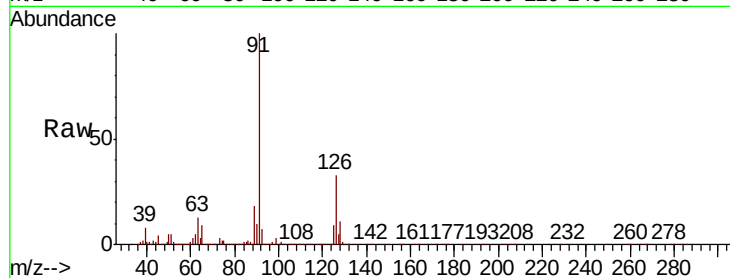
VSTDCCC020EC

Tot Ion: 91 Resp: 192658

Ion Ratio Lower Upper

91 100

126 34.7 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 17.160 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015280.D

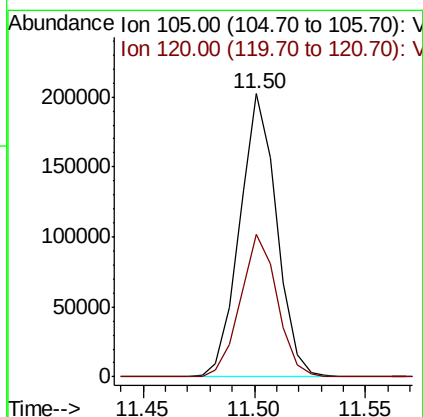
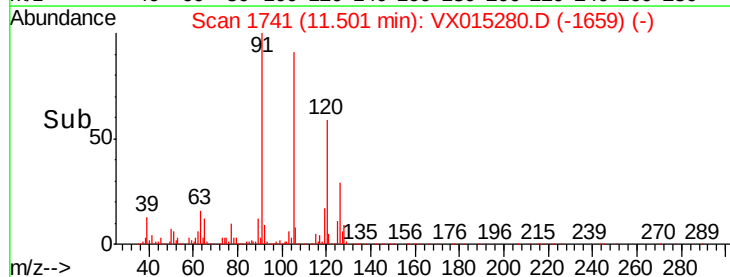
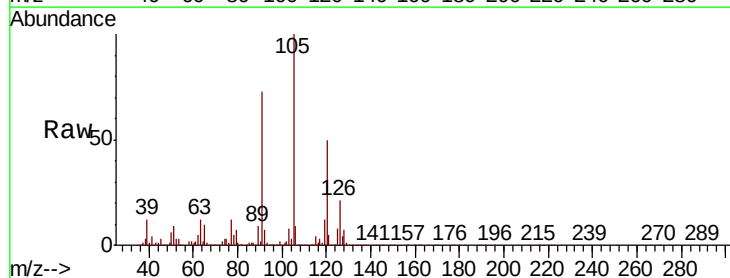
Acq: 14 Mar 2020 00:44

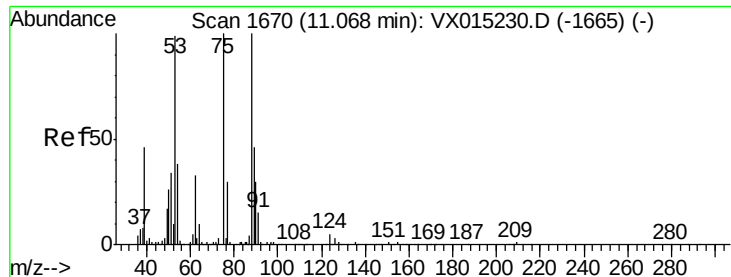
Tgt Ion: 105 Resp: 234354

Ion Ratio Lower Upper

105 100

120 50.1 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 13.976 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

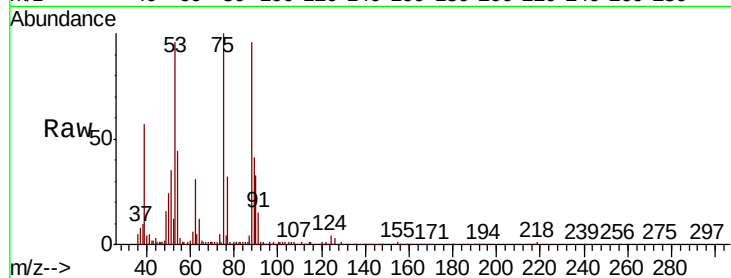
Tot Ion: 75 Resp: 24882

Ion Ratio Lower Upper

75 100

53 96.4 49.5 148.3

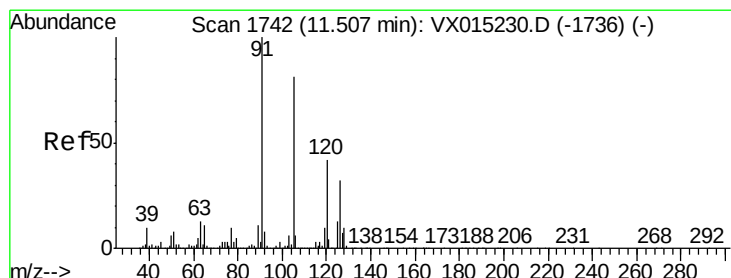
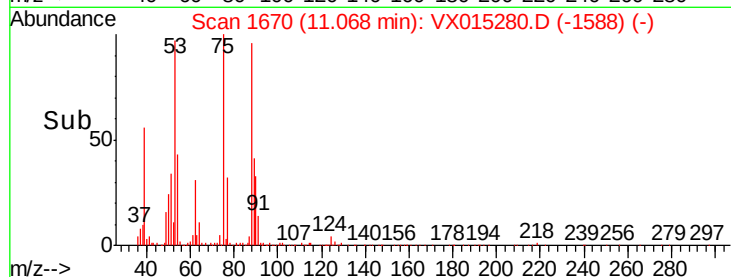
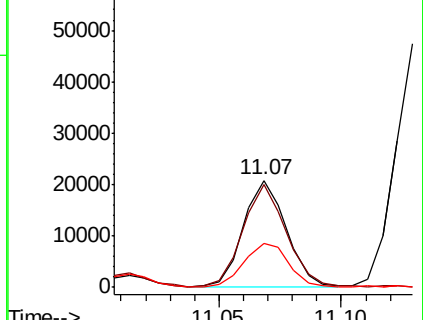
89 40.8 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 16.929 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015280.D

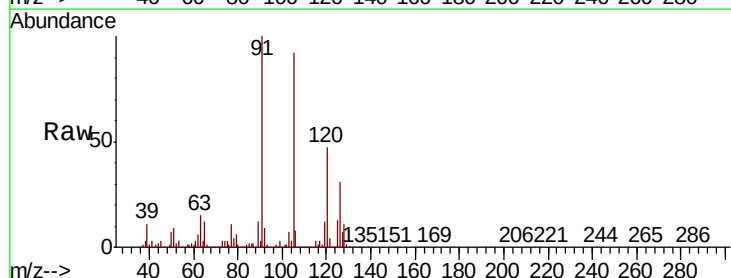
Acq: 14 Mar 2020 00:44

Tgt Ion: 91 Resp: 215075

Ion Ratio Lower Upper

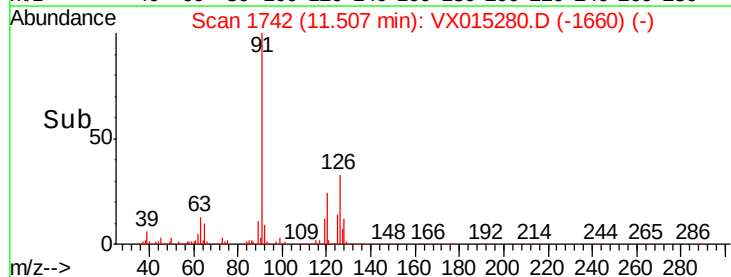
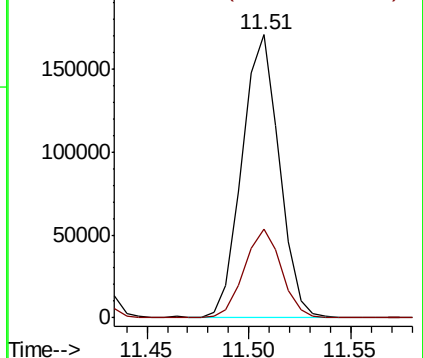
91 100

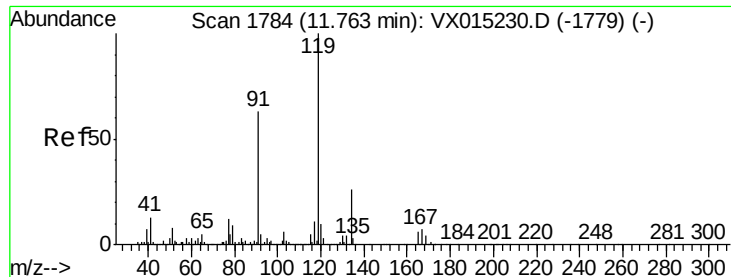
126 31.3 0.0 61.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 16.958 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

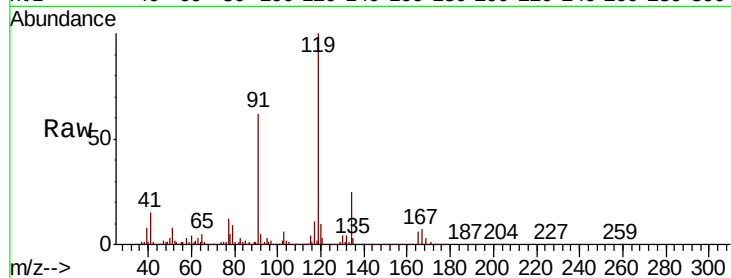
Tot Ion:119 Resp: 217128

Ion Ratio Lower Upper

119 100

91 57.3 0.0 115.4

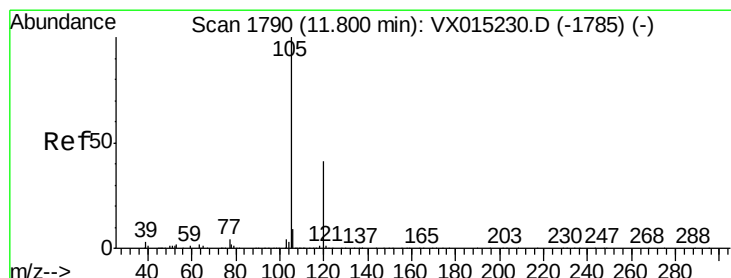
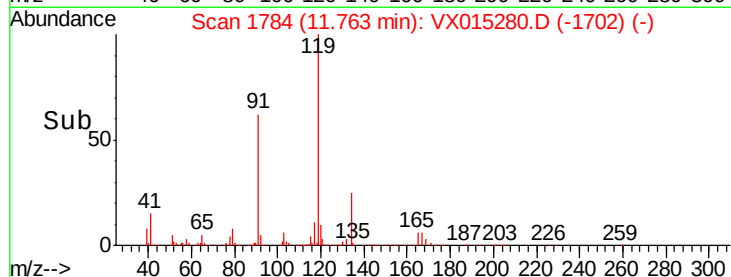
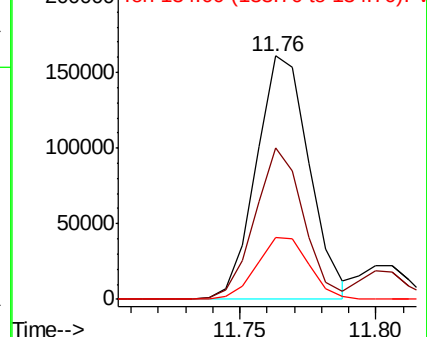
134 25.1 0.0 49.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 17.290 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015280.D

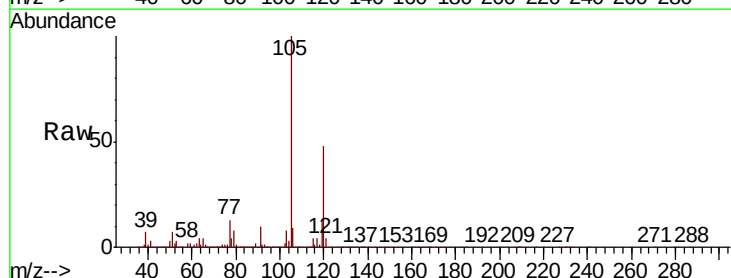
Acq: 14 Mar 2020 00:44

Tgt Ion:105 Resp: 233460

Ion Ratio Lower Upper

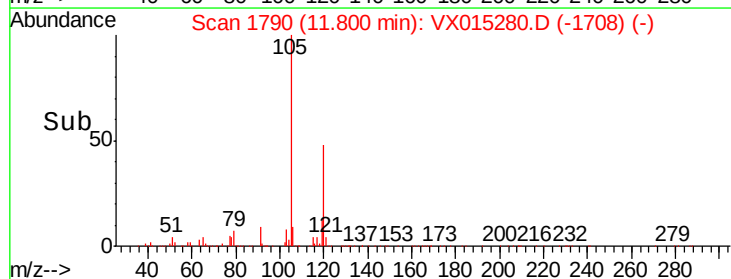
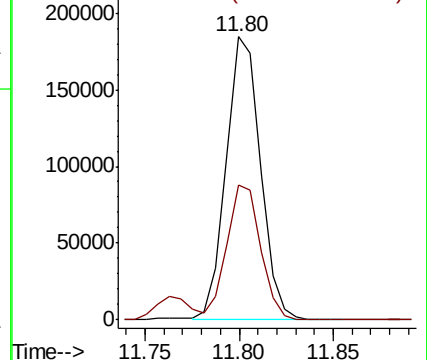
105 100

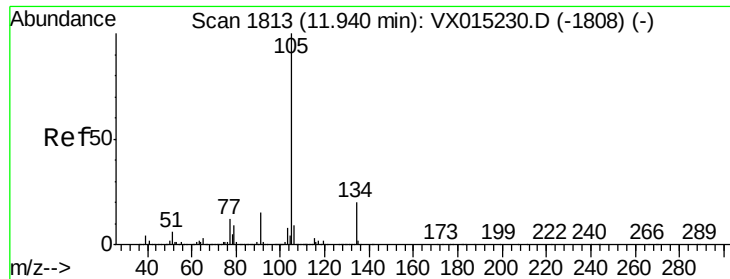
120 46.6 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 17.033 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

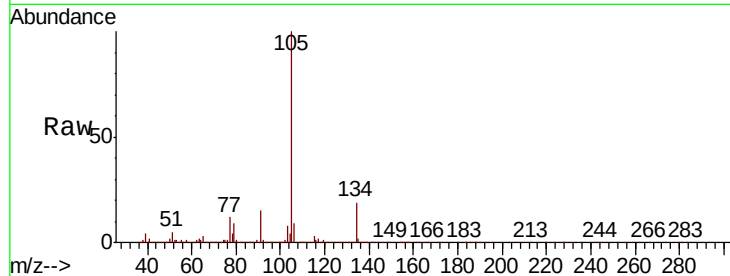
VSTDCCC020EC

Tot Ion:105 Resp: 270661

Ion Ratio Lower Upper

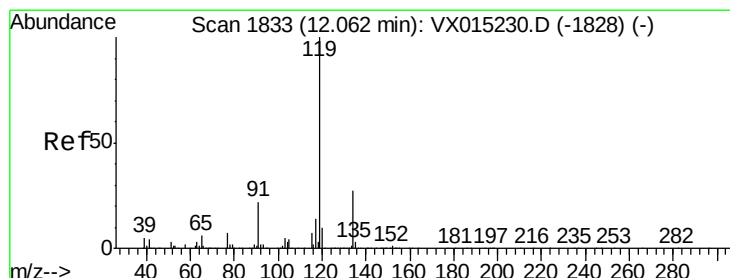
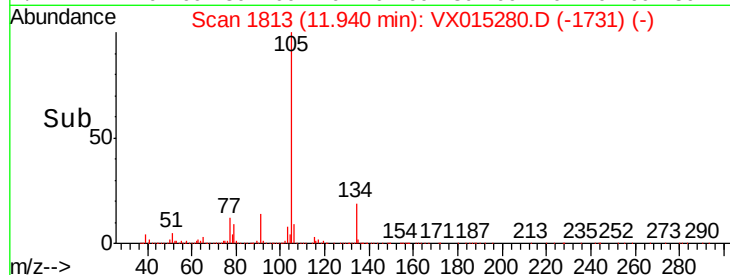
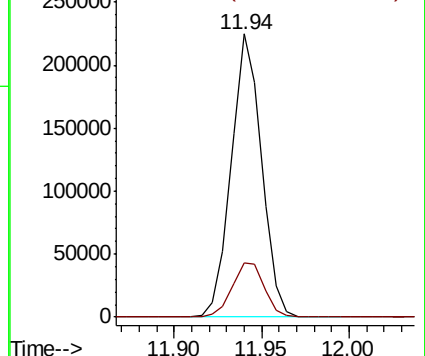
105 100

134 20.3 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 16.598 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

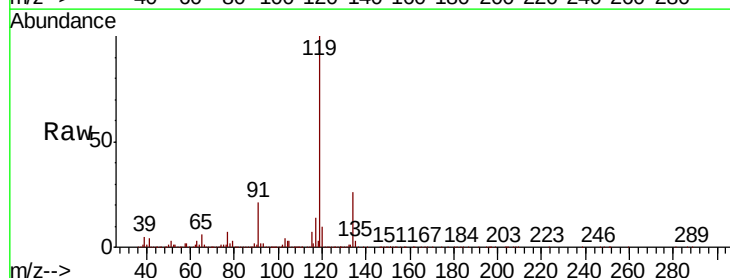
Tgt Ion:119 Resp: 242544

Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.6

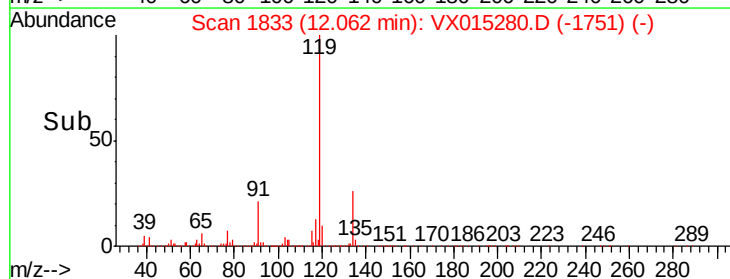
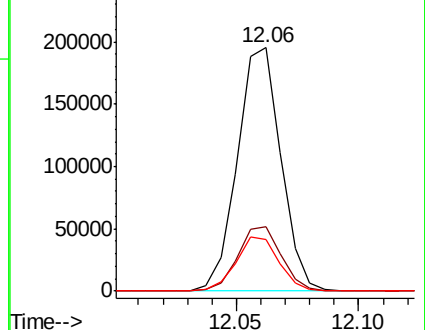
91 21.8 0.0 43.6

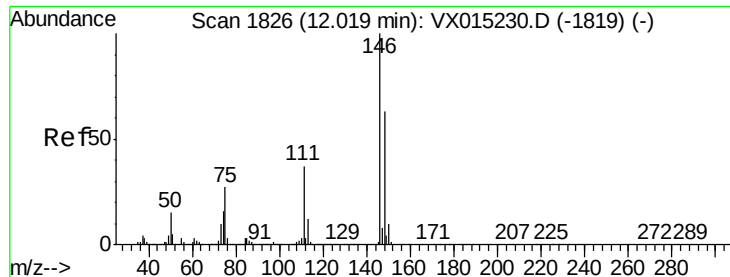


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 17.359 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

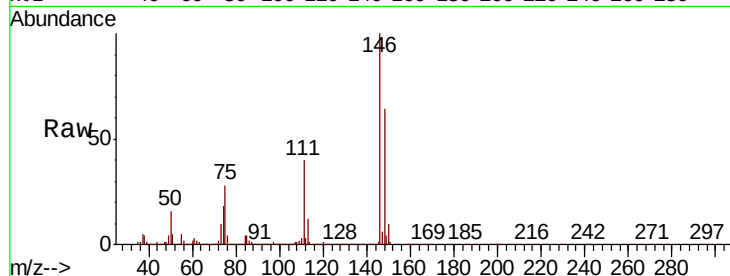
Tot Ion:146 Resp: 133830

Ion Ratio Lower Upper

146 100

111 38.4 18.8 56.4

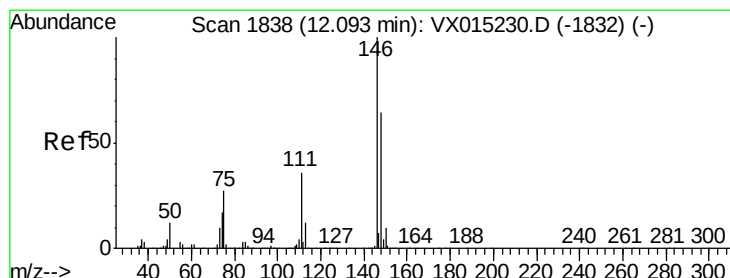
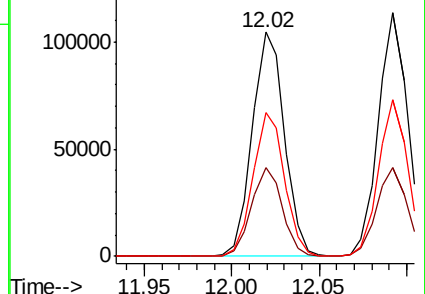
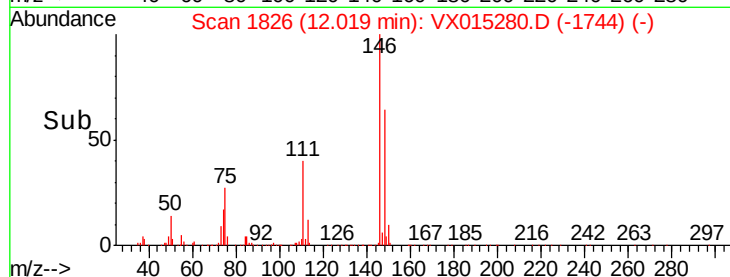
148 62.5 31.9 95.7



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



#84

1,4-Dichlorobenzene

Concen: 17.384 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

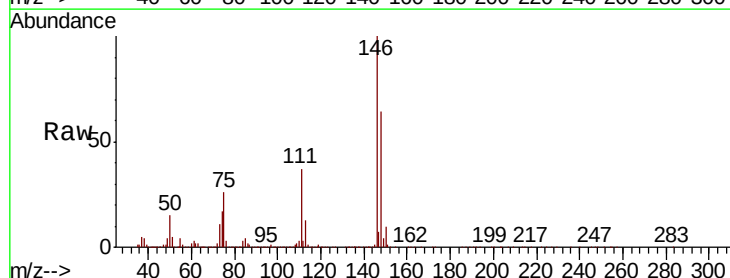
Tgt Ion:146 Resp: 134053

Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.0

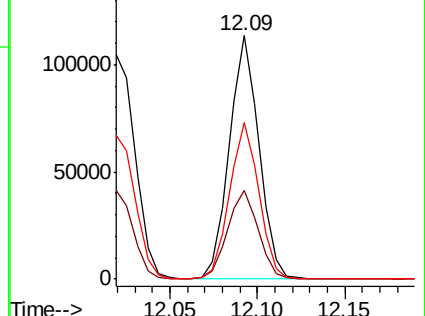
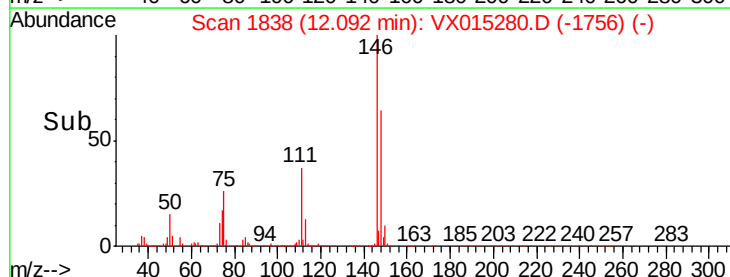
148 63.8 31.9 95.9

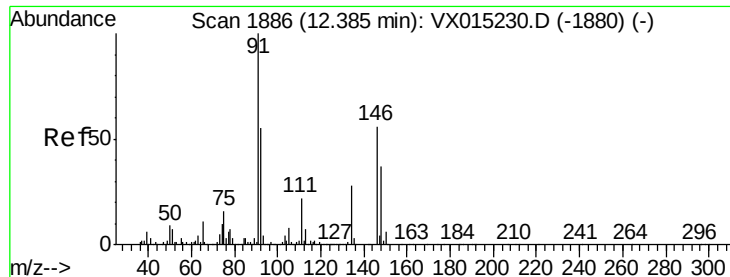


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 16.217 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

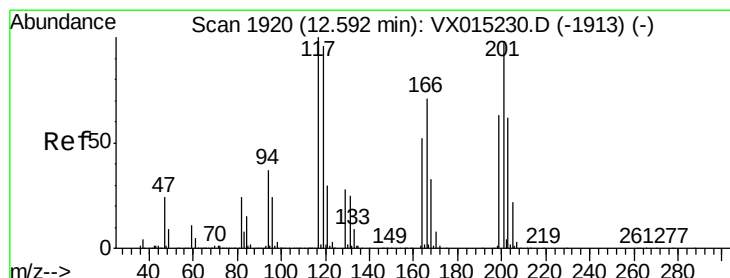
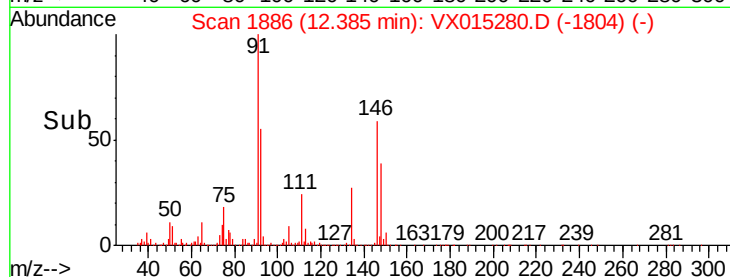
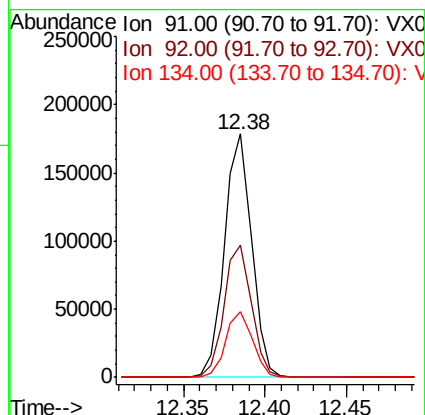
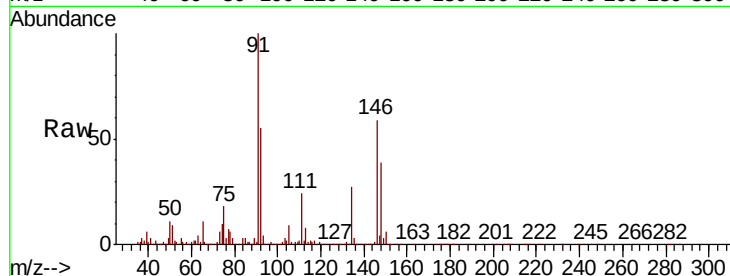
Tot Ion: 91 Resp: 207673

Ion Ratio Lower Upper

91 100

92 54.3 0.0 109.4

134 26.7 0.0 53.0



#86

Hexachloroethane

Concen: 16.537 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015280.D

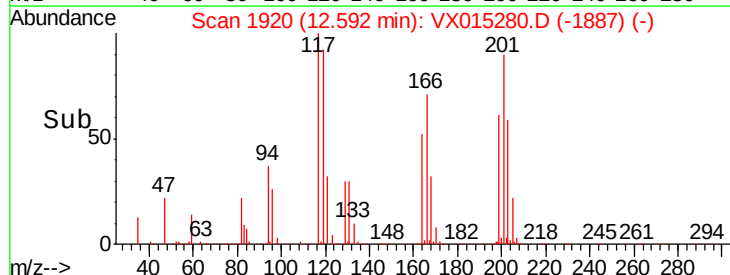
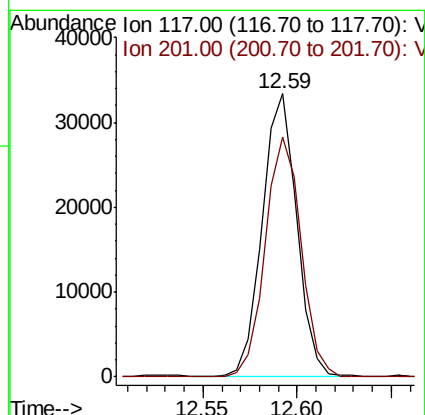
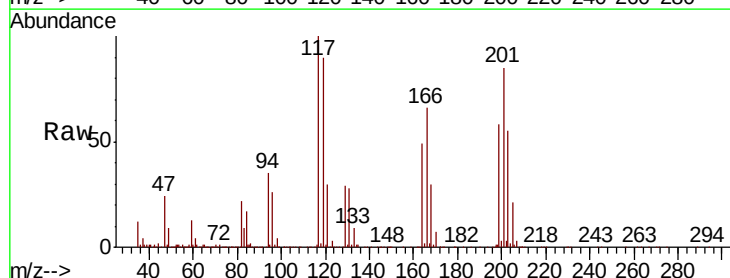
Acq: 14 Mar 2020 00:44

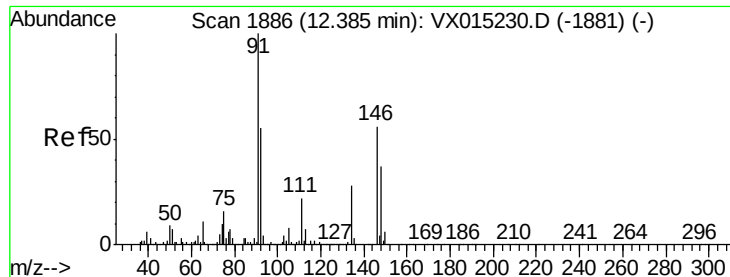
Tgt Ion: 117 Resp: 42304

Ion Ratio Lower Upper

117 100

201 88.3 47.8 143.3

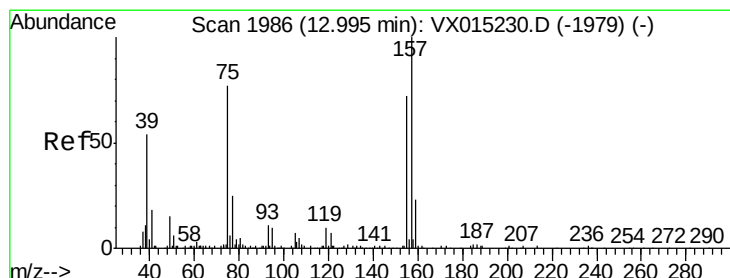
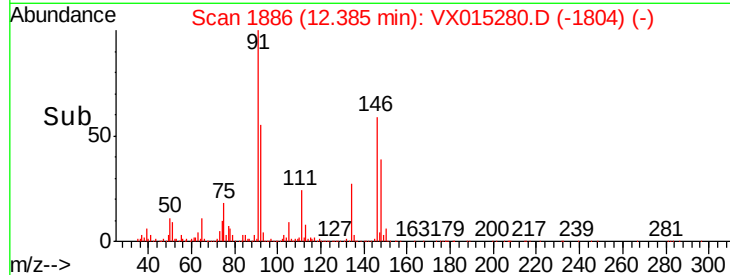
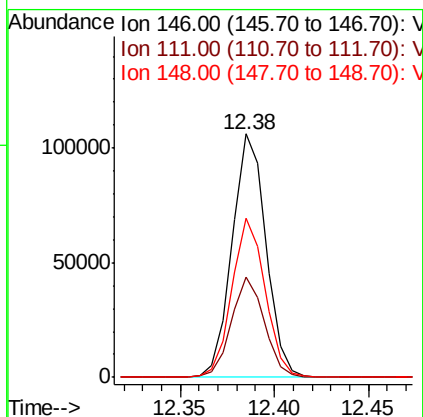
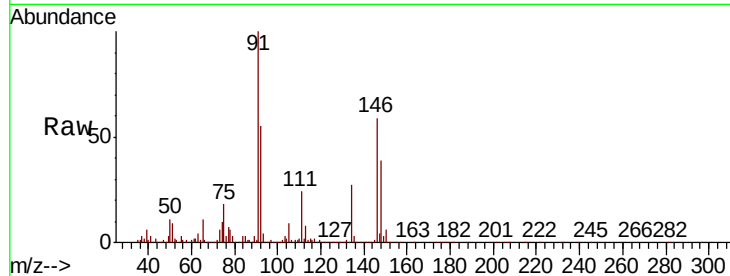




#87
 1,2-Dichlorobenzene
 Concen: 17.556 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

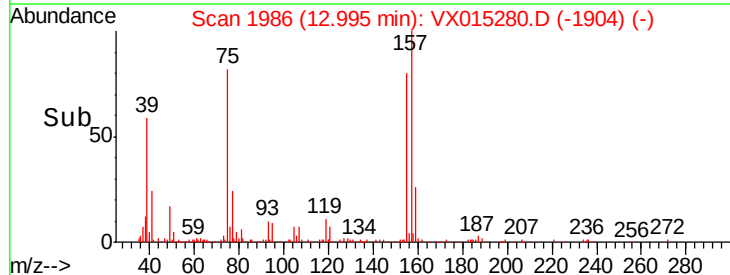
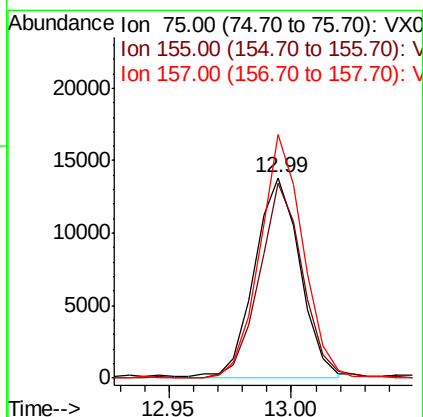
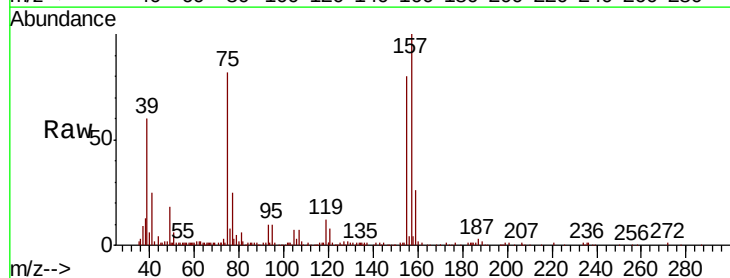
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

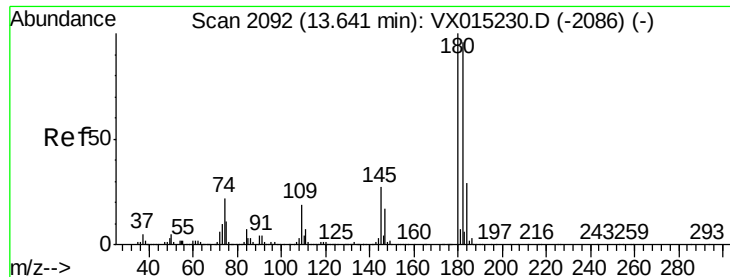
Tot Ion:146 Resp: 131964
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.4 58.4
 148 64.1 32.4 97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.689 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015280.D
 Acq: 14 Mar 2020 00:44

Tgt Ion: 75 Resp: 17844
 Ion Ratio Lower Upper
 75 100
 155 93.8 77.5 116.3
 157 116.3 103.0 154.4

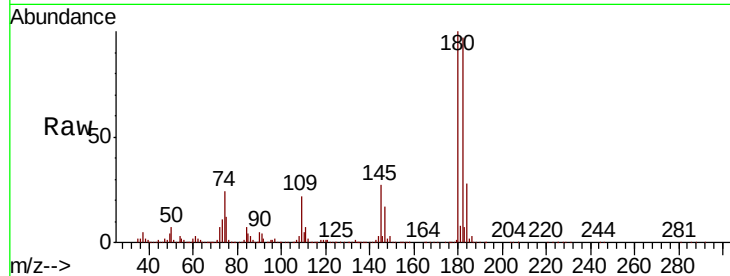




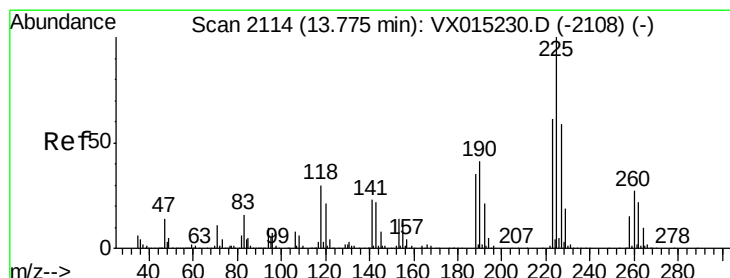
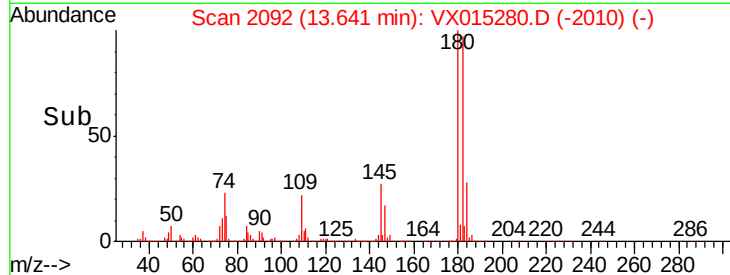
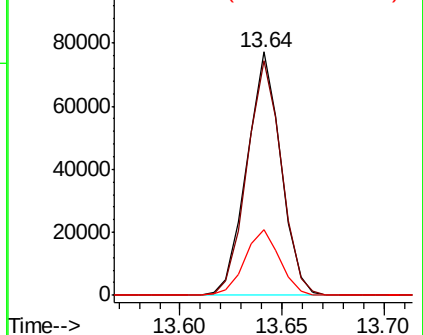
#89
1,2,4-Trichlorobenzene
Concen: 16.151 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:180 Resp: 89735
Ion Ratio Lower Upper
180 100
182 97.8 76.6 115.0
145 27.8 22.7 34.1

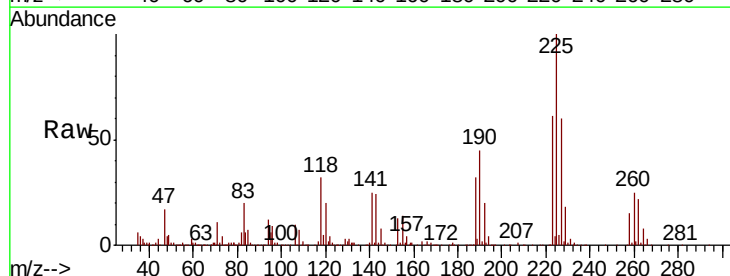


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

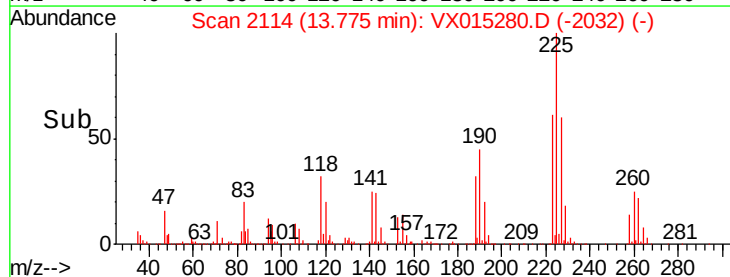
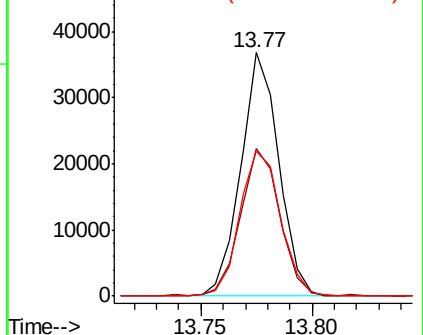


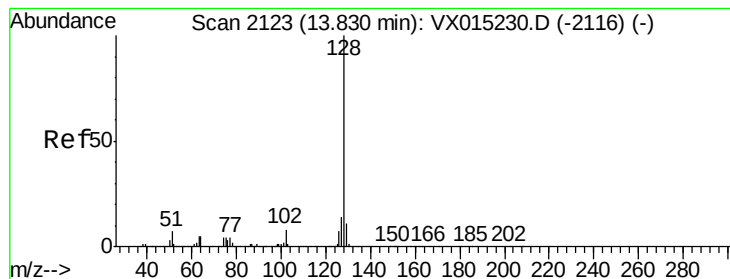
#90
Hexachlorobutadiene
Concen: 15.351 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015280.D
Acq: 14 Mar 2020 00:44

Tgt Ion:225 Resp: 43880
Ion Ratio Lower Upper
225 100
223 62.9 0.0 125.0
227 63.9 0.0 126.2



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 16.879 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

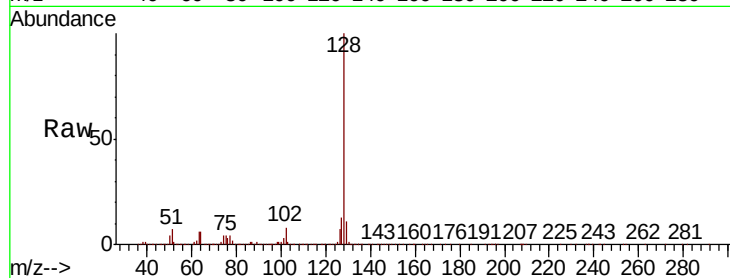
Tot Ion:128 Resp: 259794

Ion Ratio Lower Upper

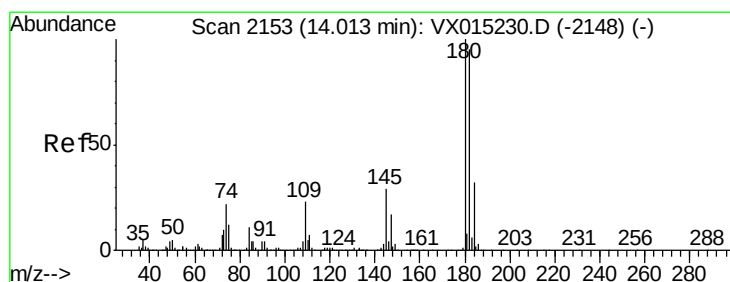
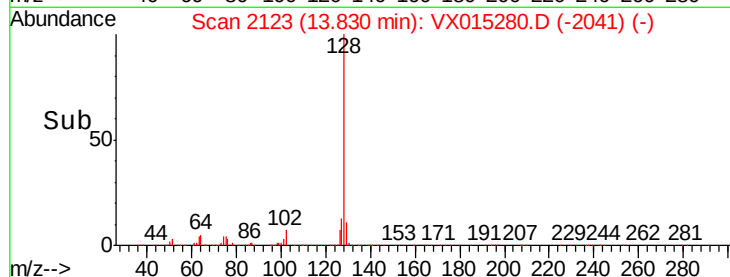
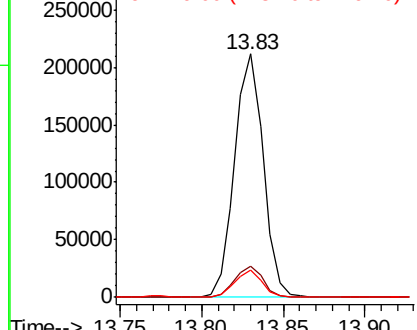
128 100

127 12.6 10.8 16.2

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.913 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015280.D

Acq: 14 Mar 2020 00:44

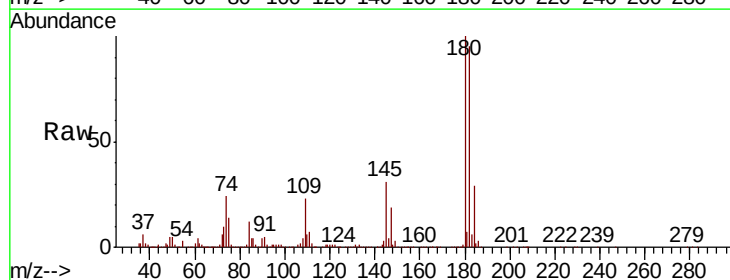
Tgt Ion:180 Resp: 94572

Ion Ratio Lower Upper

180 100

182 96.3 0.0 192.0

145 29.7 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

