

Data File : VX015230.D
Acq On : 12 Mar 2020 12:16
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Mar 12 13:52:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	47389	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	270987	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	252223	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	100024	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	11.13	95	119911	30.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.73%
63) Toluene-d8	8.71	98	313114	28.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.90%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	46334	21.895 ug/l	95
3) Chloromethane	1.32	50	69479	25.392 ug/l	97
4) Vinyl Chloride	1.40	62	70348	23.888 ug/l	99
5) Bromomethane	1.64	94	45126	21.882 ug/l	98
6) Chloroethane	1.72	64	44522	22.569 ug/l	100
7) Trichlorofluoromethane	1.93	101	90658	21.152 ug/l	94
8) Diethyl Ether	2.18	74	39916	22.139 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54174	21.862 ug/l	98
10) 1,1-Dichloroethene	2.37	96	54783	21.991 ug/l	98
11) Methyl Iodide	2.50	142	46339	15.309 ug/l	97
12) Methyl Acetate	2.76	43	64811	20.907 ug/l	95
13) Acrolein	2.28	56	51201	83.048 ug/l	98
14) Acrylonitrile	3.13	53	147135	105.098 ug/l	99
15) Acetone	2.44	58	51643	103.077 ug/l	95
16) Carbon Disulfide	2.56	76	140399	20.961 ug/l	99
17) Allyl chloride	2.72	41	95511	22.040 ug/l	90
18) Methylene Chloride	2.85	84	58525	20.390 ug/l	94
19) trans-1,2-Dichloroethene	3.16	96	54619	19.961 ug/l	98
20) Diisopropyl ether	3.84	45	192284	21.727 ug/l	96
21) 1,1-Dichloroethane	3.69	63	100965	20.812 ug/l	100
22) cis-1,2-Dichloroethene	4.59	96	64251	20.520 ug/l	99
23) tert-Butyl Alcohol	3.03	59	55984	100.880 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	166127	20.044 ug/l	95
25) Chloroform	5.20	83	101217	20.689 ug/l	97
26) Cyclohexane	5.58	56	96403	22.234 ug/l #	95
29) 1,1-Dichloropropene	5.79	75	79803	20.820 ug/l	99
30) 2-Butanone	4.66	43	217776	98.435 ug/l	99
31) 2,2-Dichloropropane	4.58	77	79008	18.772 ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	87820	20.176 ug/l	98
33) Carbon Tetrachloride	5.78	117	74049	19.434 ug/l	97
34) Benzene	6.14	78	247883	21.432 ug/l	98
35) Methacrylonitrile	5.03	41	44207	19.588 ug/l	97
37) Trichloroethene	7.20	130	65391	20.137 ug/l	100
38) Methylcyclohexane	7.46	83	91484	19.256 ug/l	98
39) 1,2-Dichloropropane	7.51	63	60905	20.458 ug/l	97
40) Dibromomethane	7.65	93	38953	19.595 ug/l	98
41) Bromodichloromethane	7.89	83	74150	18.883 ug/l	95

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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.81	43	806026	103.507	ug/l	99
43) Ethyl Acetate	4.82	43	78244	19.546	ug/l	97
44) Isopropyl Acetate	6.44	43	138460	20.575	ug/l	96
45) 1,4-Dioxane	7.75	88	25605	411.781	ug/l	98
46) Methyl methacrylate	7.76	41	65239	19.596	ug/l	97
47) n-amyl Acetate	10.89	43	120654	20.696	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	80087	18.382	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	94676	19.739	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	57406	19.383	ug/l	94
51) Ethyl methacrylate	9.17	69	88150	19.284	ug/l	95
52) 1,3-Dichloropropane	9.37	76	97881	19.536	ug/l	100
53) Dibromochloromethane	9.57	129	59599	18.613	ug/l	95
54) 1,2-Dibromoethane	9.67	107	59774	19.009	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	222679	91.450	ug/l	98
56) Bromoform	10.85	173	47999	19.122	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	401837	97.212	ug/l	99
59) 2-Hexanone	9.48	43	304450	94.265	ug/l	99
61) Tetrachloroethene	9.33	164	66966	19.768	ug/l	95
62) Toluene	8.78	91	247286	19.141	ug/l	99
64) Chlorobenzene	10.14	112	165893	20.118	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	61089	20.000	ug/l	99
66) Ethyl Benzene	10.25	91	286778	20.151	ug/l	100
67) m/p-Xylenes	10.36	106	219617	40.020	ug/l	100
68) o-Xylene	10.70	106	104402	19.662	ug/l	99
69) Styrene	10.71	104	183251	20.207	ug/l	99
70) Isopropylbenzene	11.01	105	283535	20.103	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	90369	19.900	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	104961	27.864	ug/l	87
73) Bromobenzene	11.25	156	75526	19.818	ug/l	94
74) n-propylbenzene	11.35	91	323724	20.166	ug/l	100
75) 2-Chlorotoluene	11.42	91	190525	20.084	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	236121	19.976	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	28827	18.978	ug/l	99
78) 4-Chlorotoluene	11.51	91	221394	20.176	ug/l	99
79) tert-butylbenzene	11.76	119	209044	18.305	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	223113	18.986	ug/l	100
81) sec-Butylbenzene	11.94	105	260409	19.041	ug/l	100
82) p-Isopropyltoluene	12.06	119	241382	18.998	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	128117	19.177	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	126668	18.828	ug/l	99
85) n-Butylbenzene	12.39	91	209987	18.993	ug/l	99
86) Hexachloroethane	12.59	117	40314	17.554	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	124717	18.760	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17141	17.331	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	89731	18.769	ug/l	99
90) Hexachlorobutadiene	13.78	225	47814	20.138	ug/l	96
91) Naphthalene	13.83	128	250474	18.506	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	90548	19.077	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031220\
Quantitation Report (Not Reviewed)

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Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

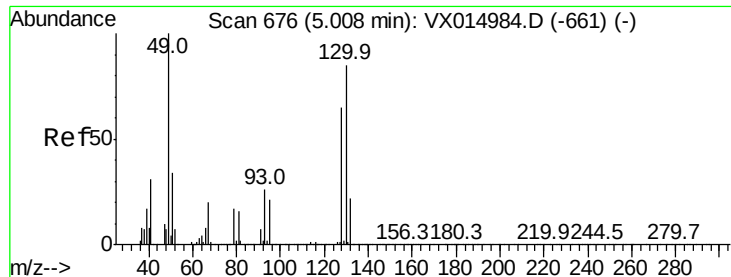
Quant Time: Mar 12 13:52:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:50:02 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Mar 12 13:52:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

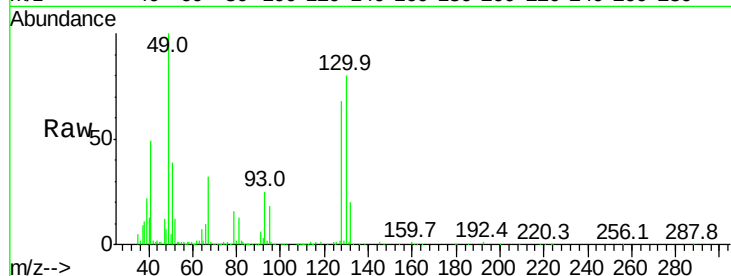
Tgt Ion:128 Resp: 47389

Ion Ratio Lower Upper

128 100

49 162.7 0.0 384.7

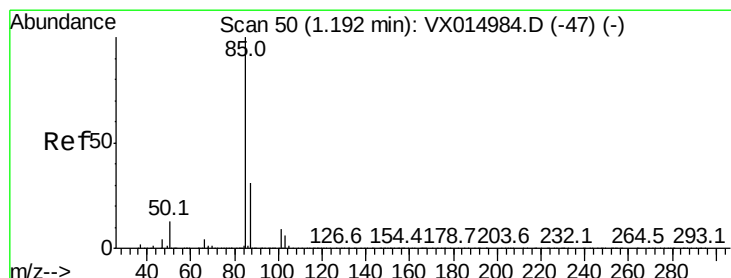
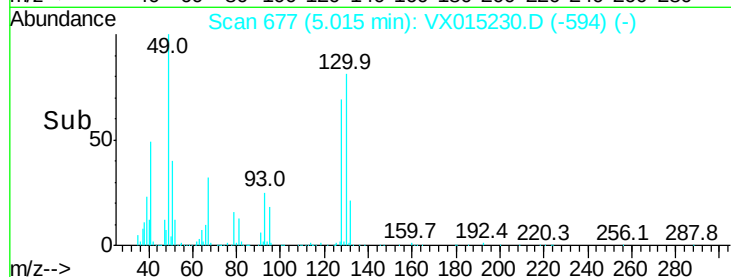
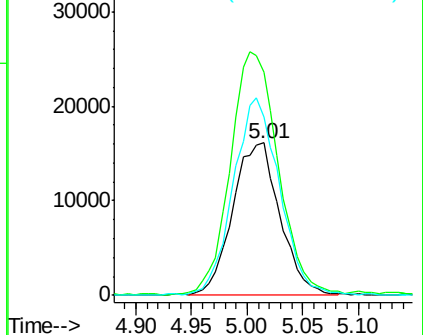
130 127.7 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.895 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015230.D

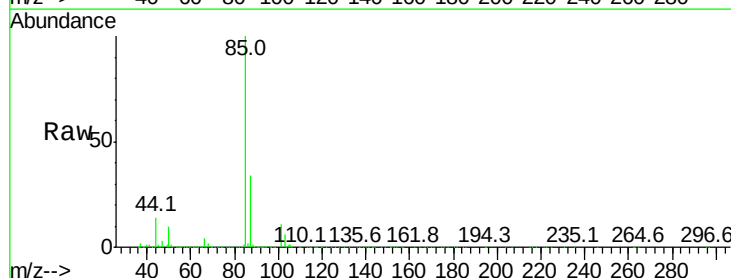
Acq: 12 Mar 2020 12:16

Tgt Ion: 85 Resp: 46334

Ion Ratio Lower Upper

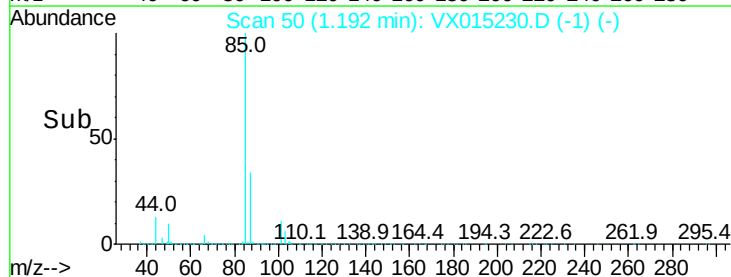
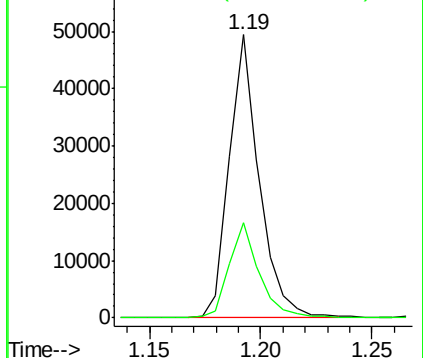
85 100

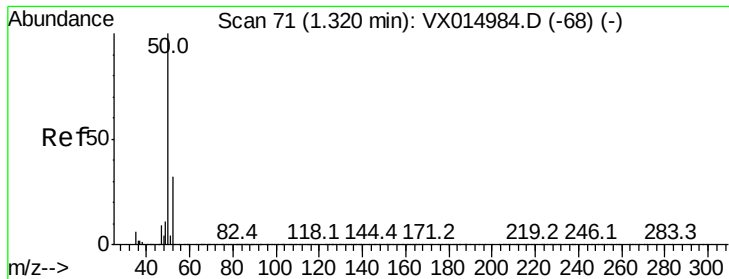
87 33.4 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 25.392 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

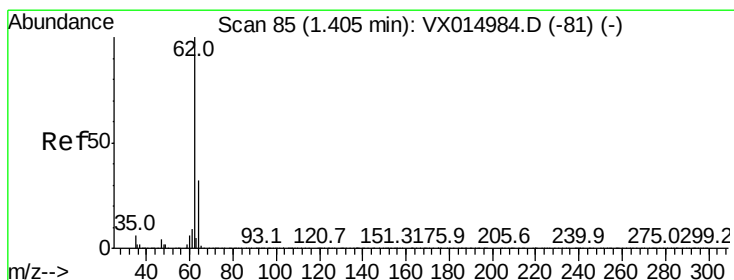
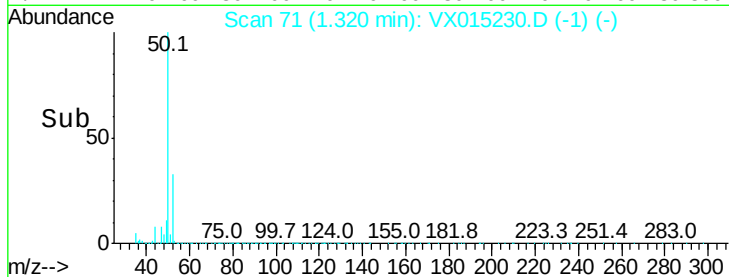
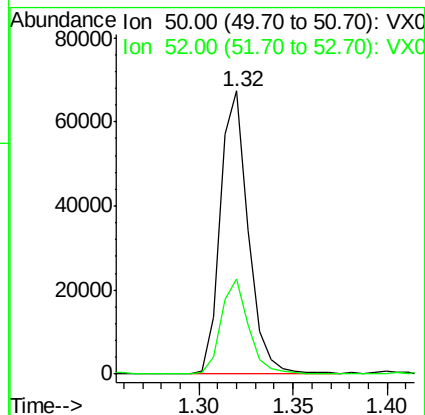
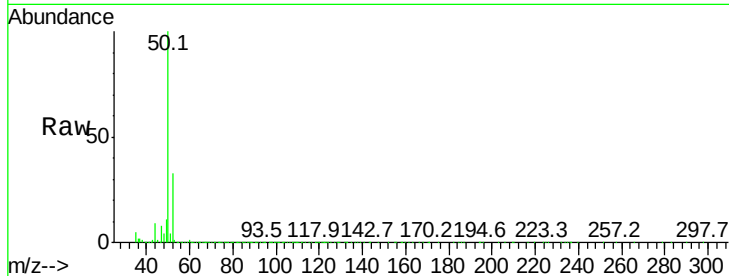
VSTDICCC020

Tgt Ion: 50 Resp: 69479

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.0



#4

Vinyl Chloride

Concen: 23.888 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015230.D

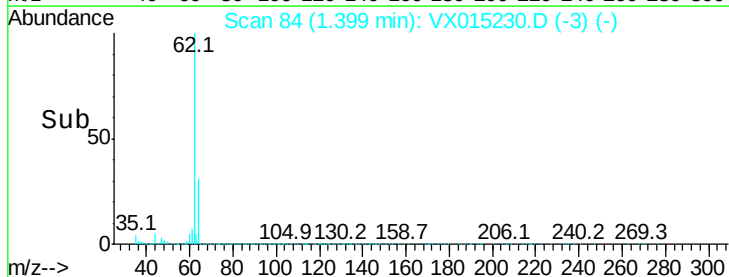
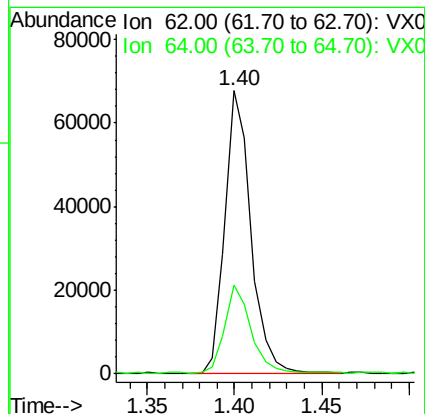
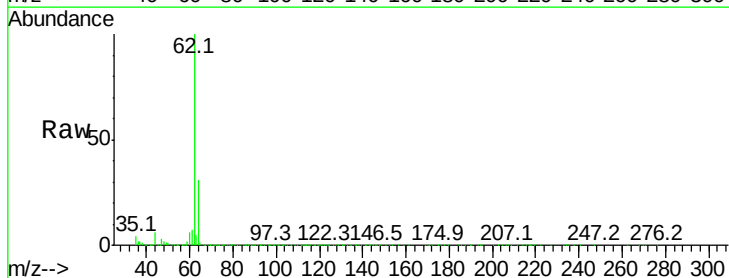
Acq: 12 Mar 2020 12:16

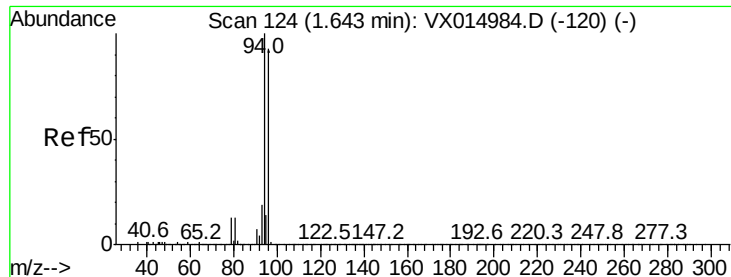
Tgt Ion: 62 Resp: 70348

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 21.882 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

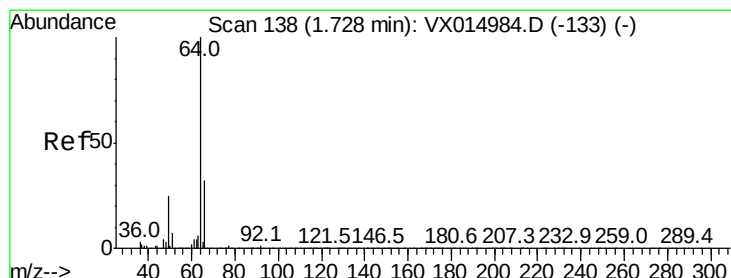
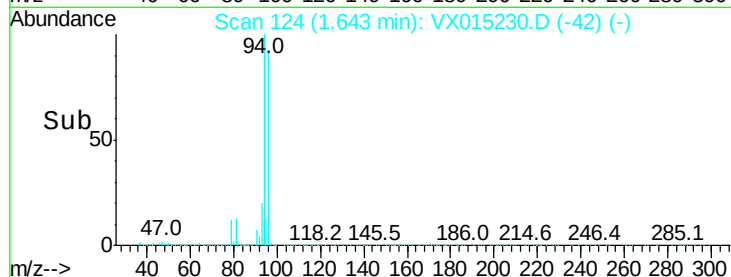
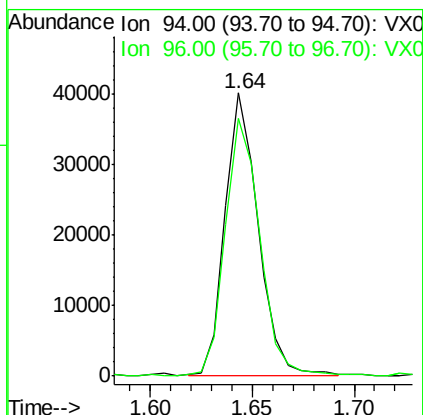
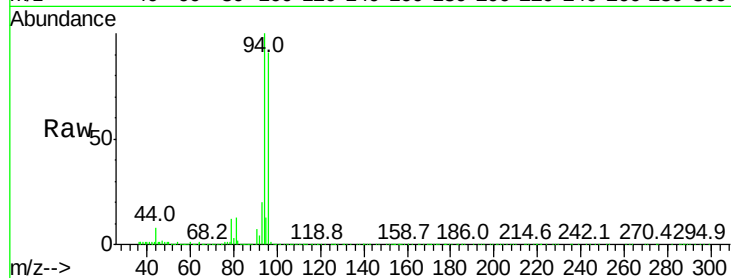
VSTDICCC020

Tgt Ion: 94 Resp: 45126

Ion Ratio Lower Upper

94 100

96 91.2 74.6 112.0



#6

Chloroethane

Concen: 22.569 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015230.D

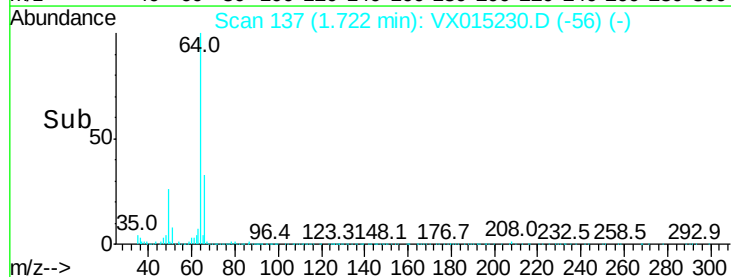
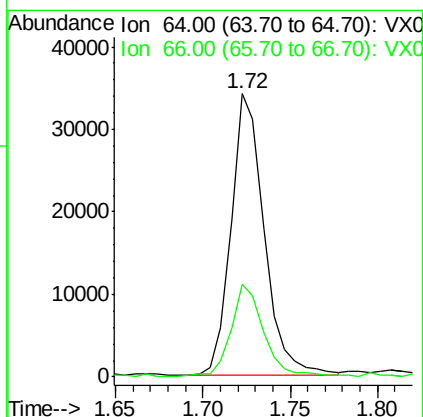
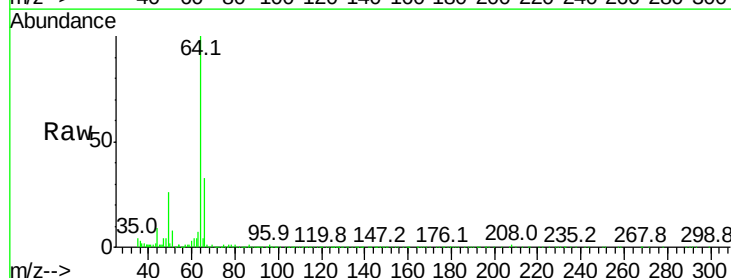
Acq: 12 Mar 2020 12:16

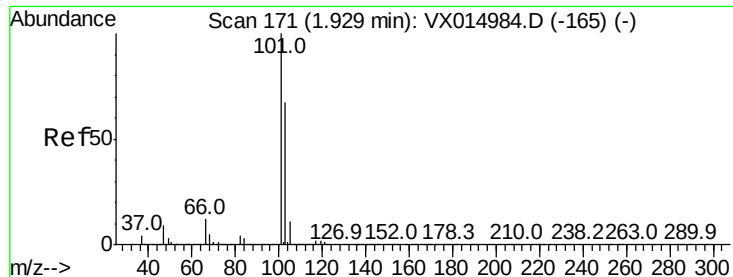
Tgt Ion: 64 Resp: 44522

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6



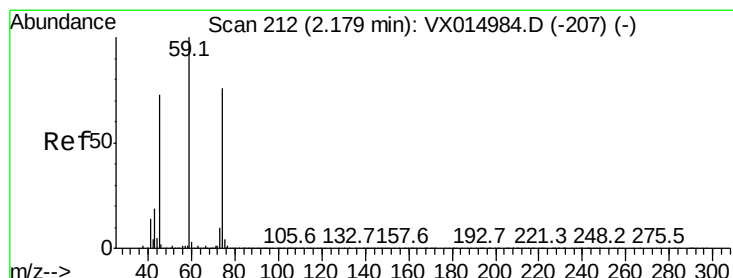
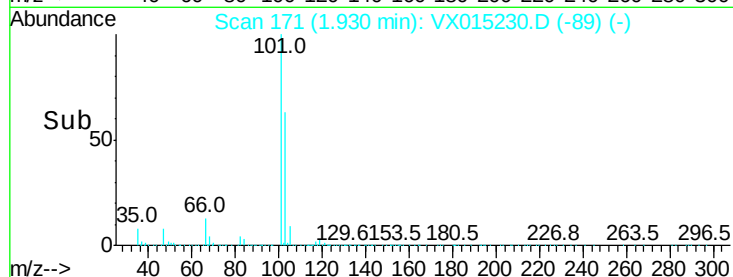
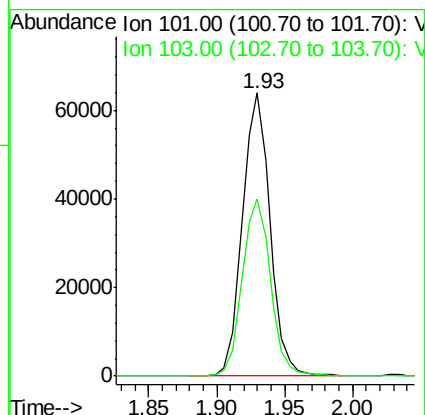
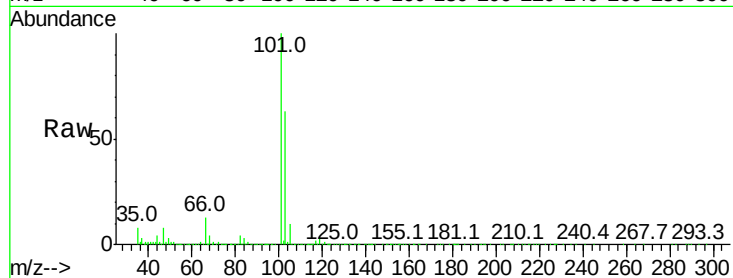


#7

Trichlorofluoromethane
Concen: 21.152 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
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Instrument :
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VSTDICCC020

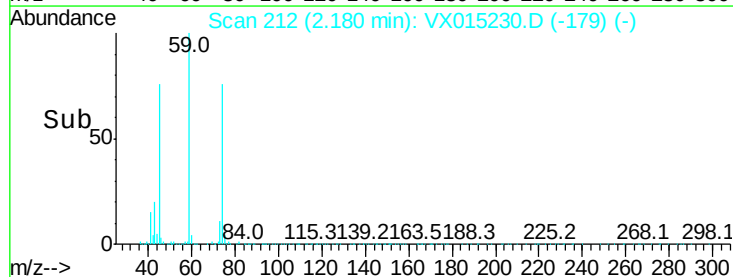
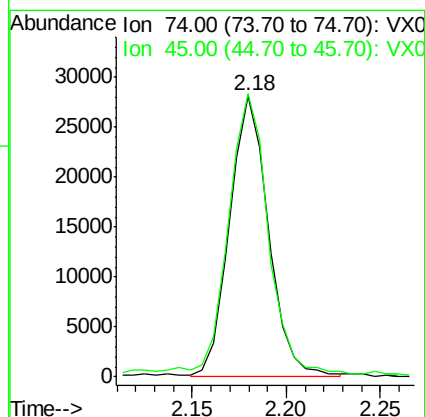
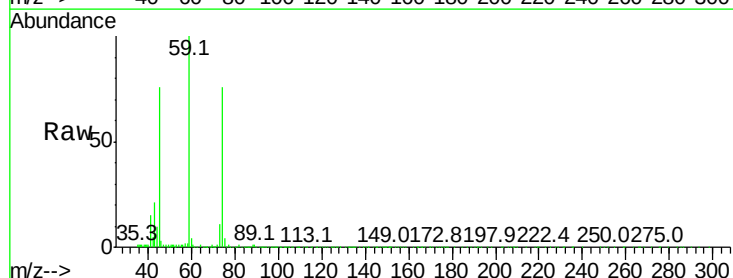
Tgt Ion:101 Resp: 90658
Ion Ratio Lower Upper
101 100
103 62.4 53.4 80.2

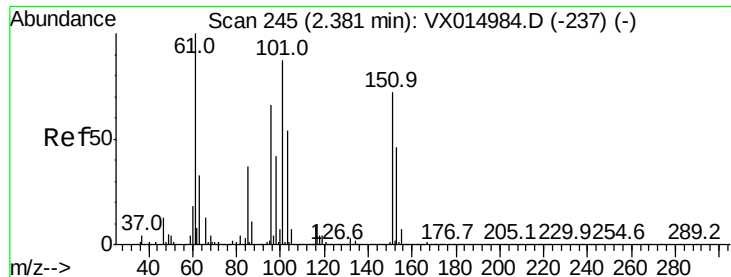


#8

Diethyl Ether
Concen: 22.139 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion: 74 Resp: 39916
Ion Ratio Lower Upper
74 100
45 101.3 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.862 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

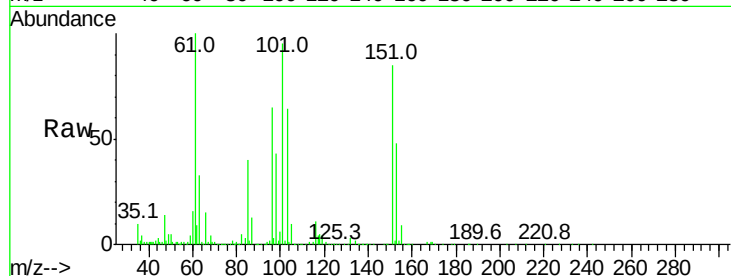
Tgt Ion:101 Resp: 54174

Ion Ratio Lower Upper

101 100

85 41.0 0.0 86.6

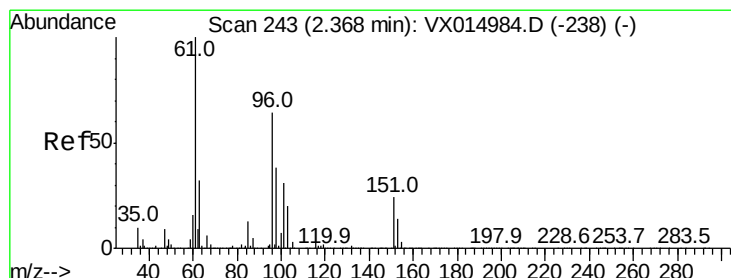
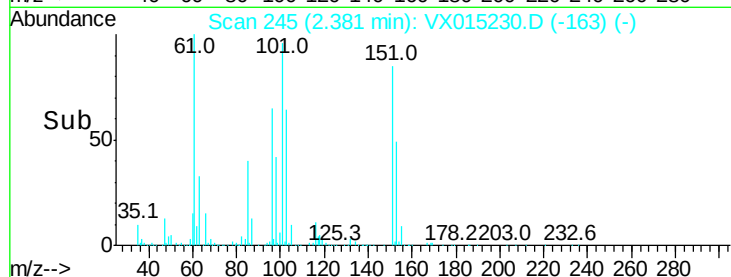
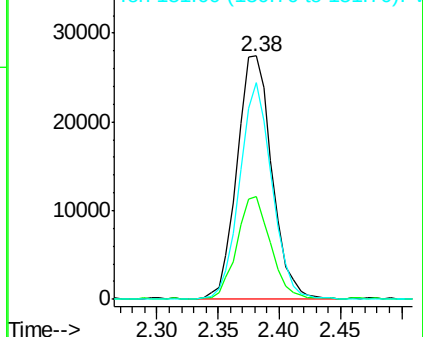
151 82.5 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.991 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

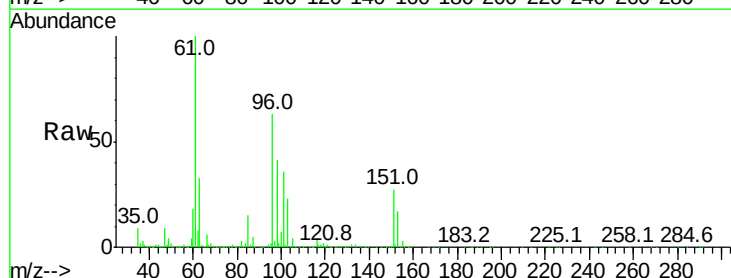
Tgt Ion: 96 Resp: 54783

Ion Ratio Lower Upper

96 100

61 157.7 126.1 189.1

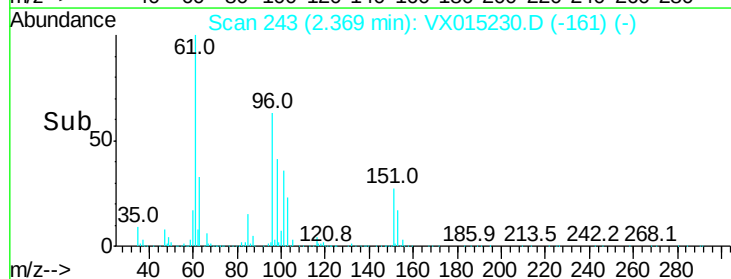
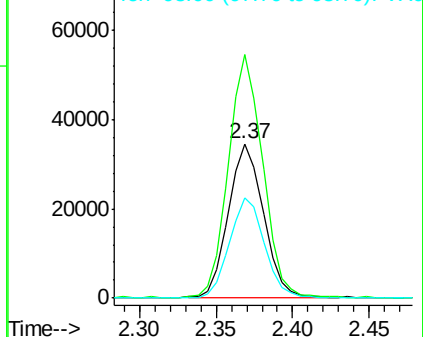
98 65.1 48.2 72.2

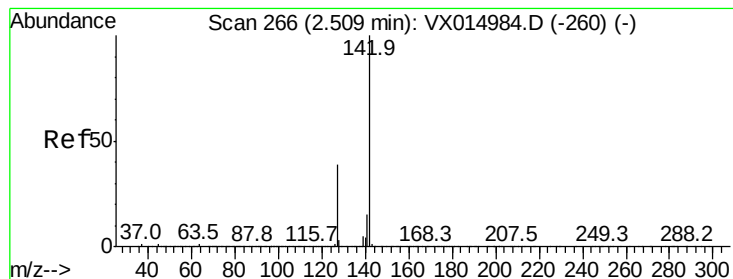


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 15.309 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

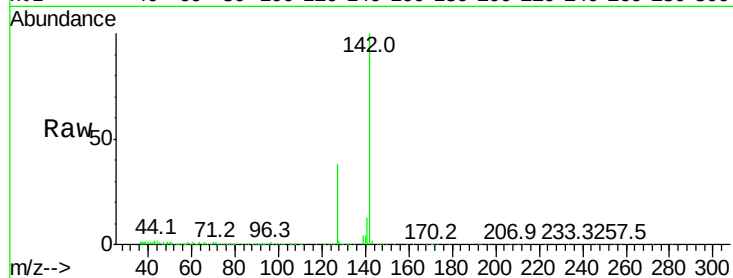
Tgt Ion:142 Resp: 46339

Ion Ratio Lower Upper

142 100

127 37.9 19.7 59.0

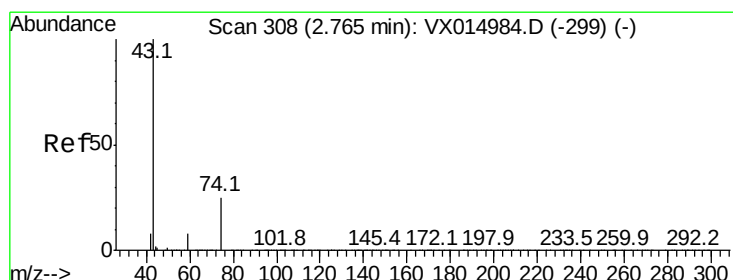
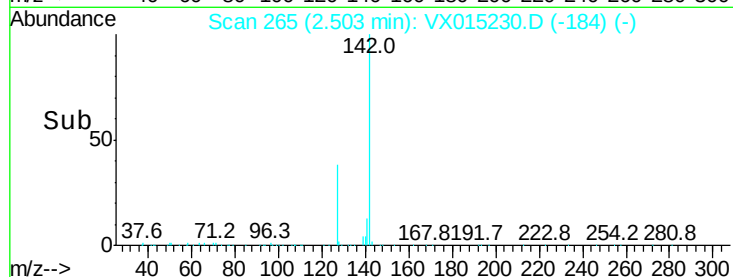
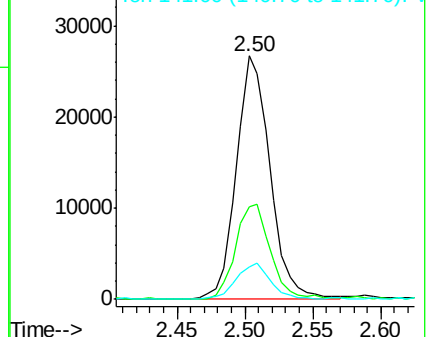
141 13.1 7.4 22.2



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 20.907 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015230.D

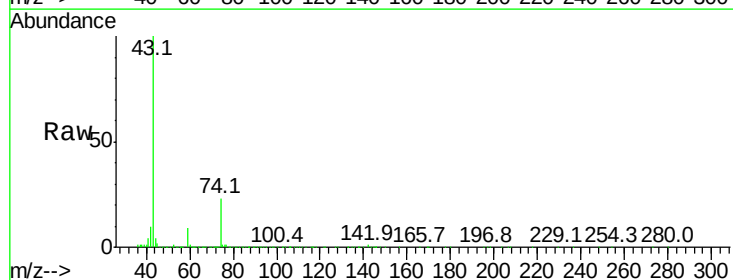
Acq: 12 Mar 2020 12:16

Tgt Ion: 43 Resp: 64811

Ion Ratio Lower Upper

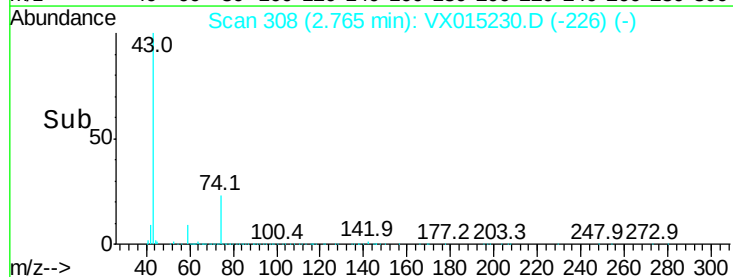
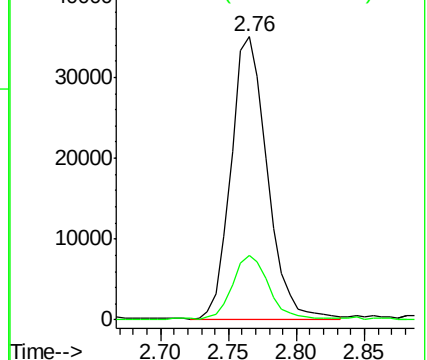
43 100

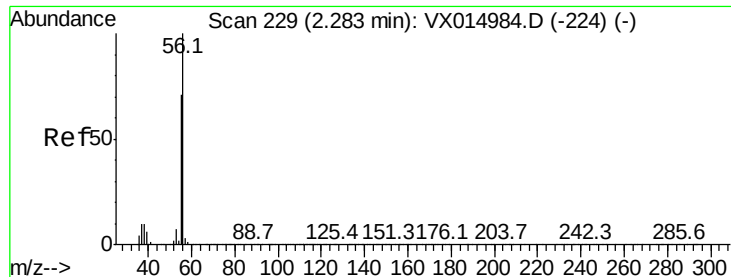
74 22.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 83.048 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

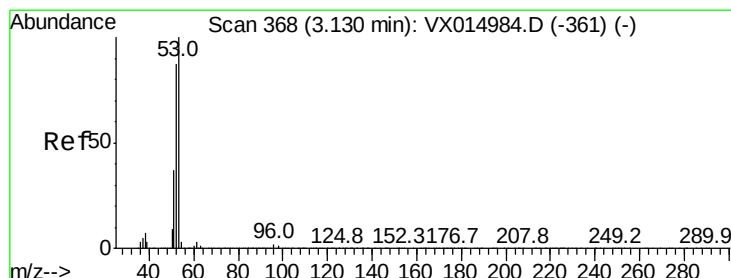
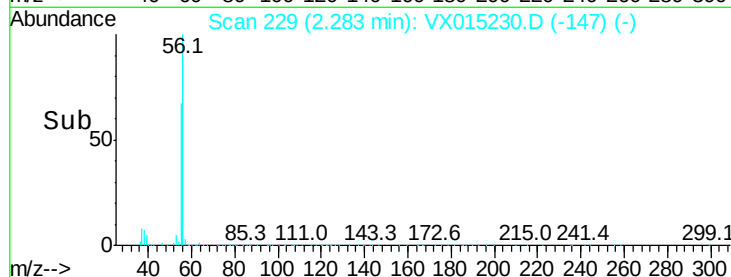
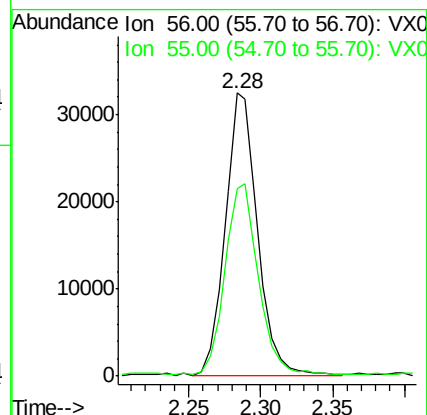
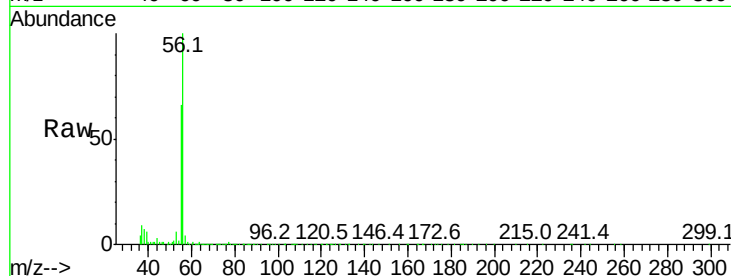
VSTDICCC020

Tgt Ion: 56 Resp: 51201

Ion Ratio Lower Upper

56 100

55 68.9 56.2 84.2



#14

Acrylonitrile

Concen: 105.098 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

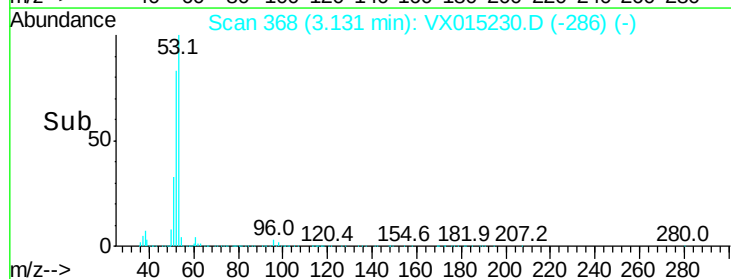
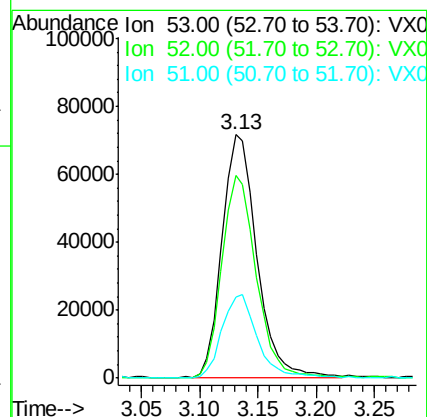
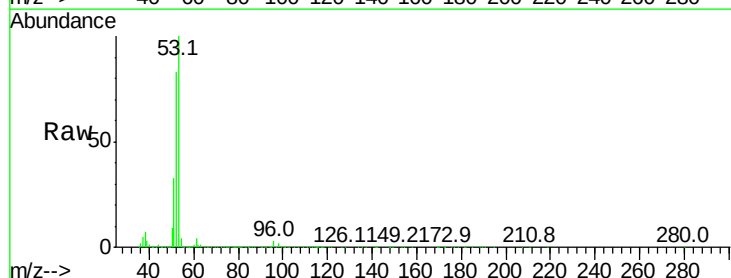
Tgt Ion: 53 Resp: 147135

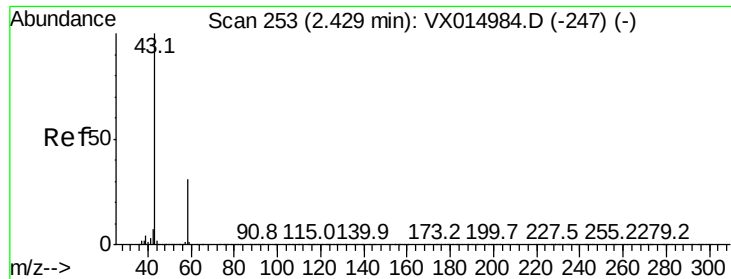
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

51 35.4 18.1 54.4





#15

Acetone

Concen: 103.077 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

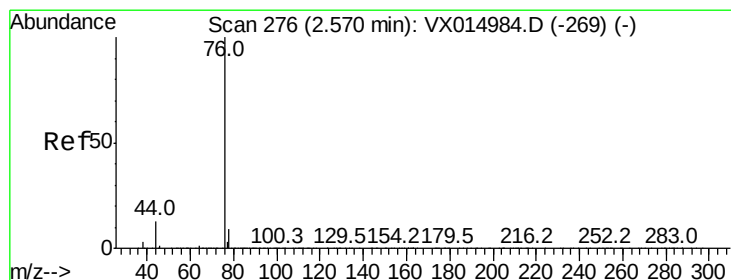
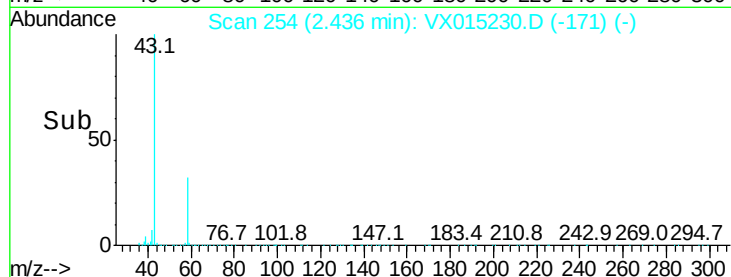
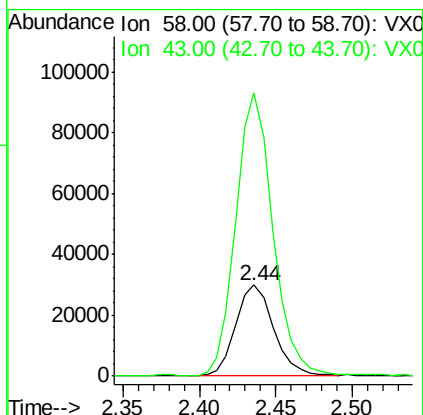
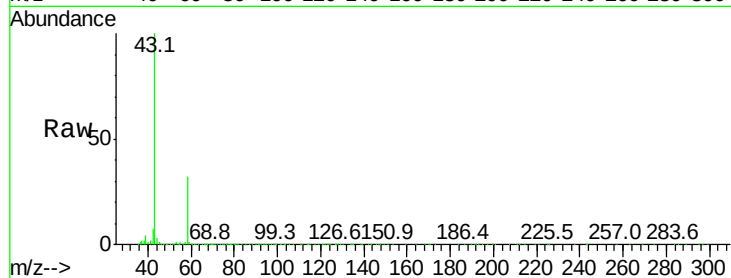
VSTDICCC020

Tgt Ion: 58 Resp: 51643

Ion Ratio Lower Upper

58 100

43 310.9 257.7 386.5



#16

Carbon Disulfide

Concen: 20.961 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015230.D

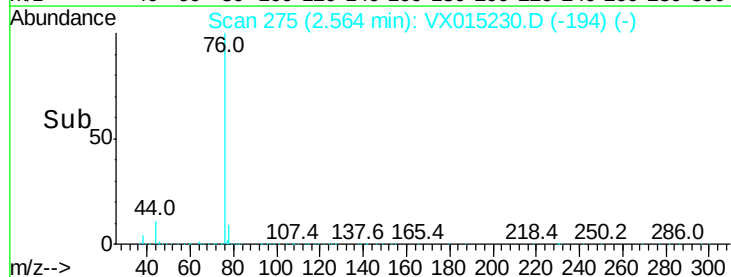
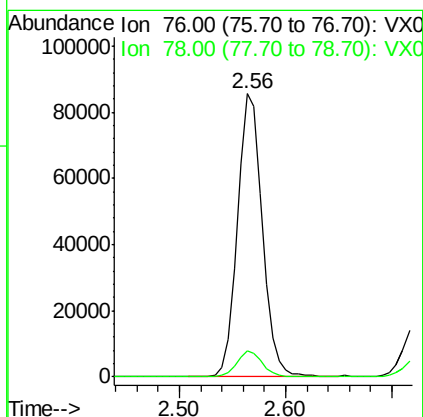
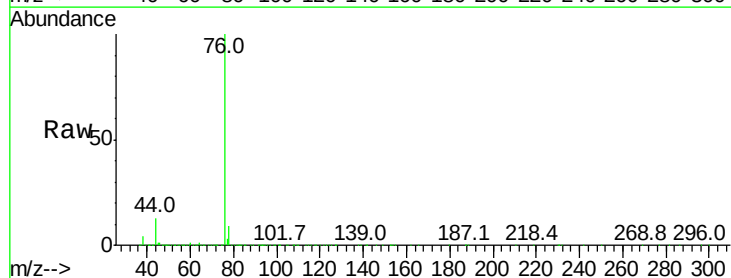
Acq: 12 Mar 2020 12:16

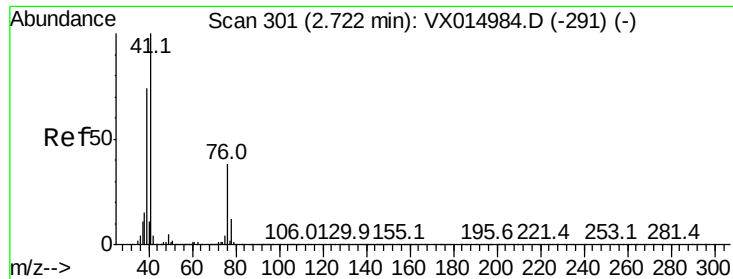
Tgt Ion: 76 Resp: 140399

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

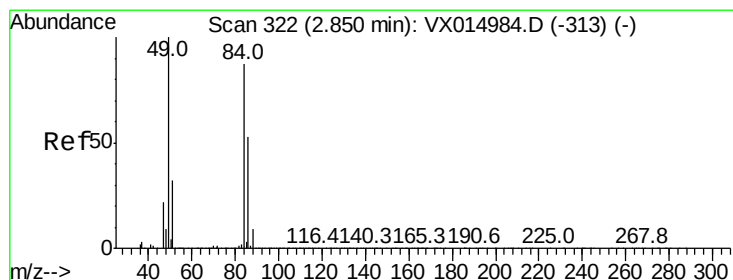
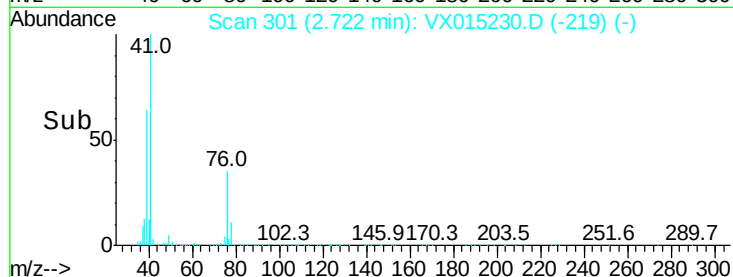
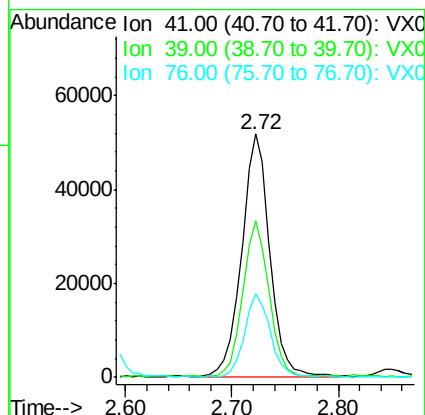
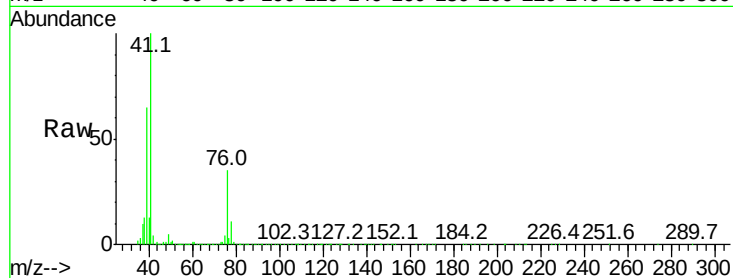




#17
 Allyl chloride
 Concen: 22.040 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

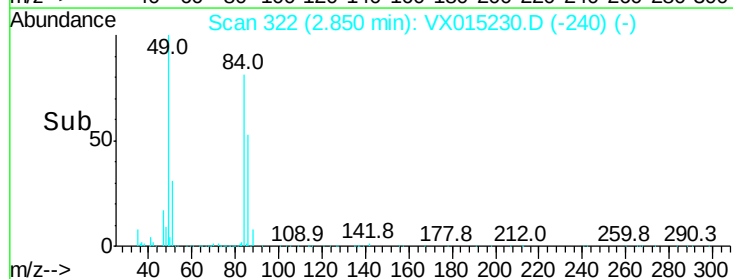
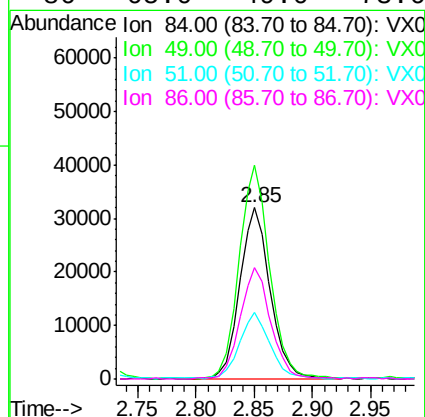
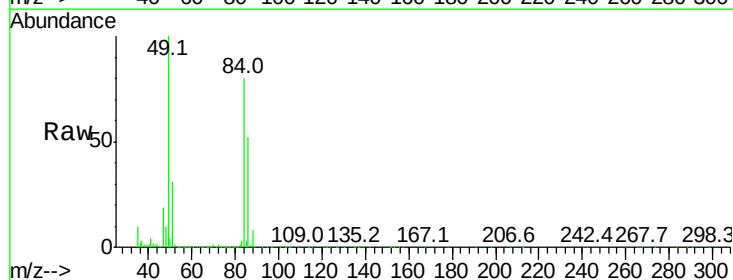
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

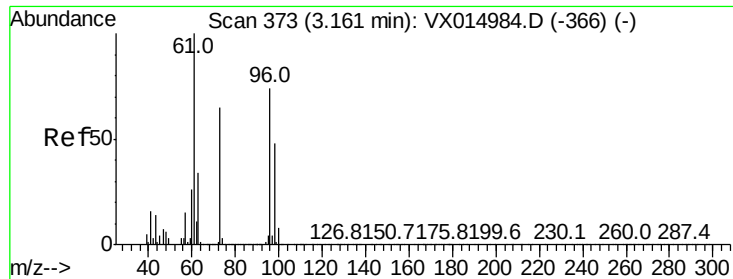
Tgt Ion: 41 Resp: 95511
 Ion Ratio Lower Upper
 41 100
 39 64.3 37.1 111.5
 76 34.3 18.8 56.4



#18
 Methylene Chloride
 Concen: 20.390 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Tgt Ion: 84 Resp: 58525
 Ion Ratio Lower Upper
 84 100
 49 124.4 92.2 138.2
 51 38.8 29.7 44.5
 86 65.0 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 19.961 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

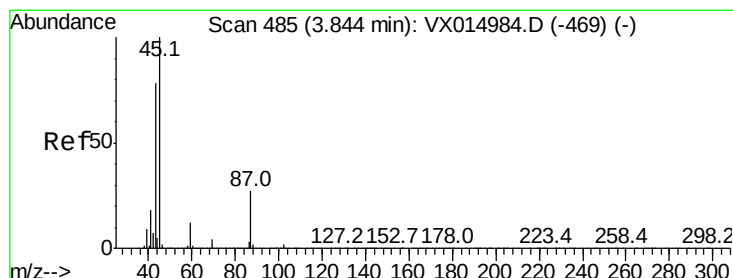
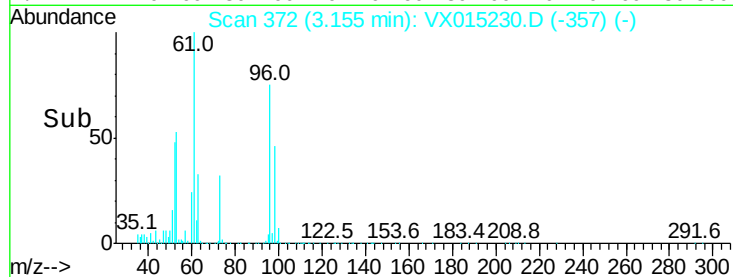
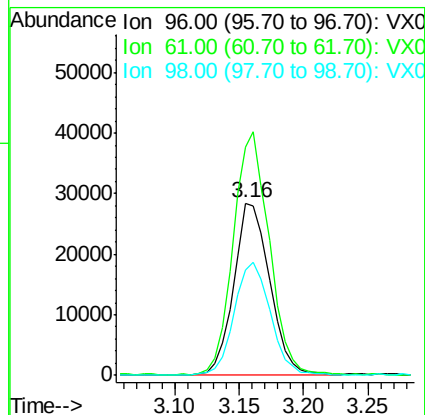
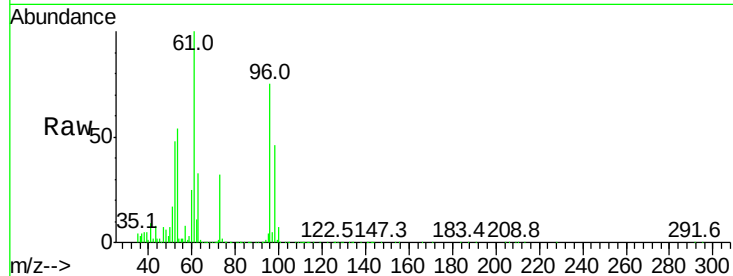
Tgt Ion: 96 Resp: 54619

Ion Ratio Lower Upper

96 100

61 132.9 107.1 160.7

98 61.4 51.4 77.2



#20

Diisopropyl ether

Concen: 21.727 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Tgt Ion: 45 Resp: 192284

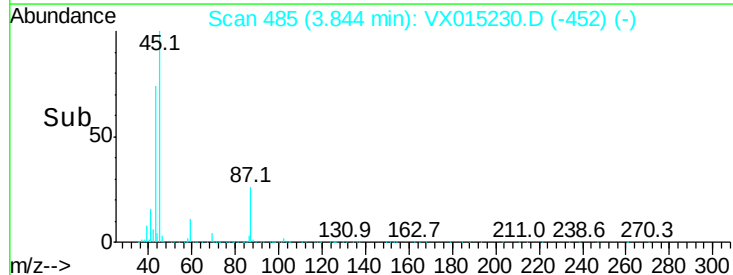
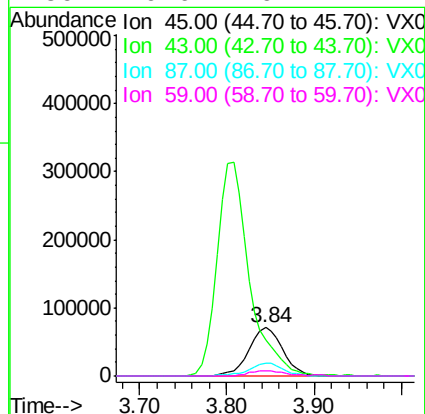
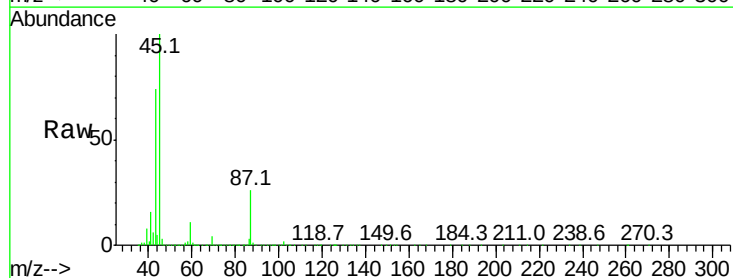
Ion Ratio Lower Upper

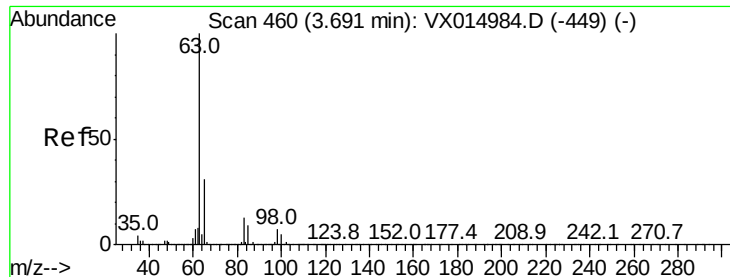
45 100

43 73.2 62.3 93.5

87 26.2 21.8 32.6

59 10.6 9.4 14.2





#21

1,1-Dichloroethane

Concen: 20.812 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

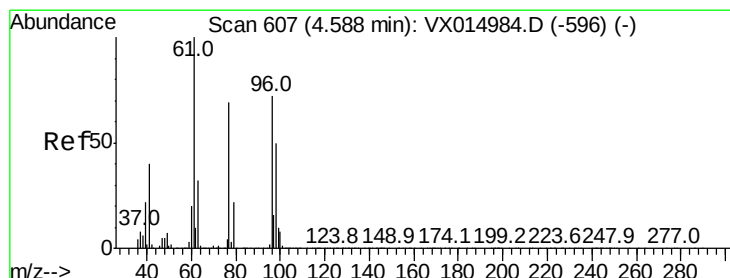
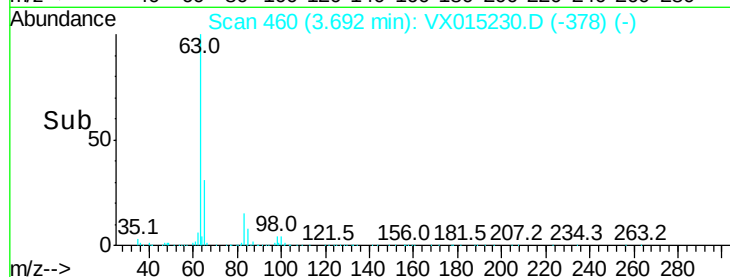
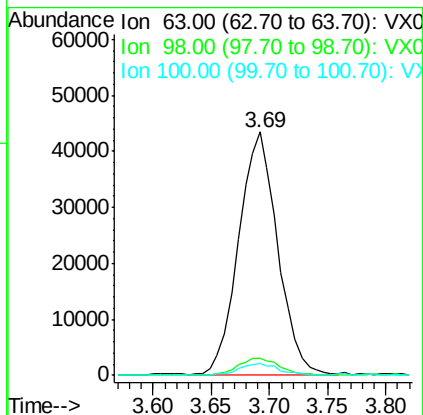
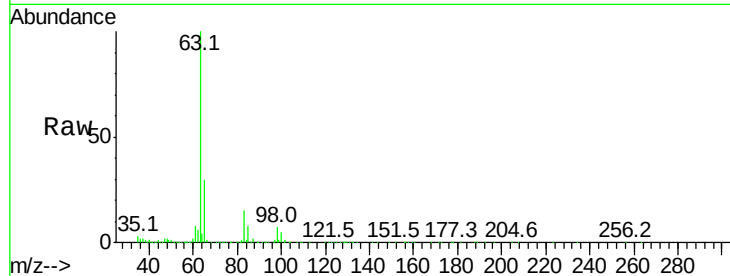
Tgt Ion: 63 Resp: 100965

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.7 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 20.520 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

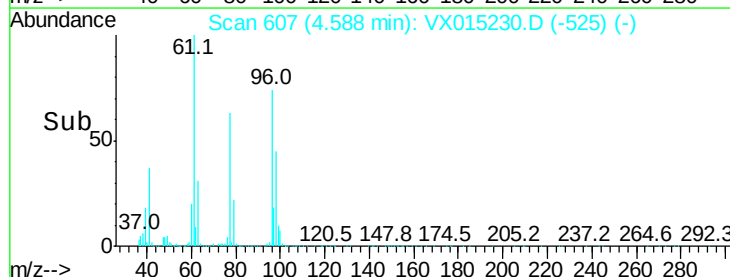
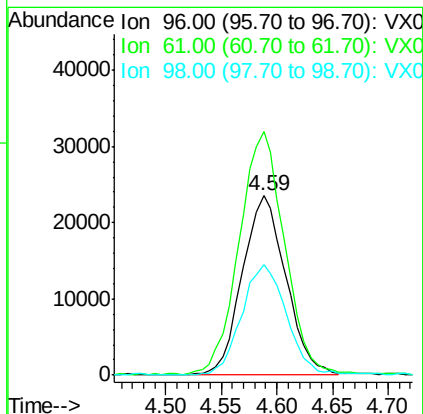
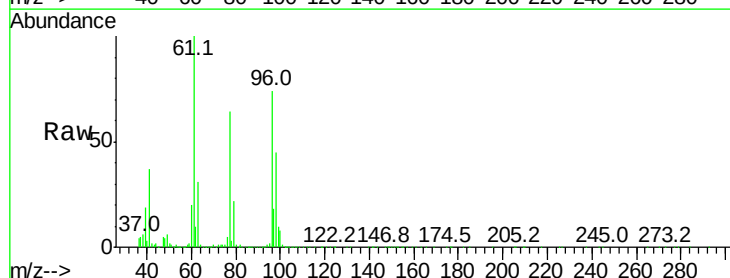
Tgt Ion: 96 Resp: 64251

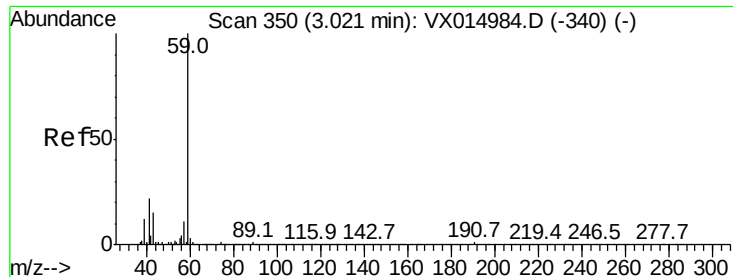
Ion Ratio Lower Upper

96 100

61 139.2 110.6 165.8

98 62.6 50.4 75.6



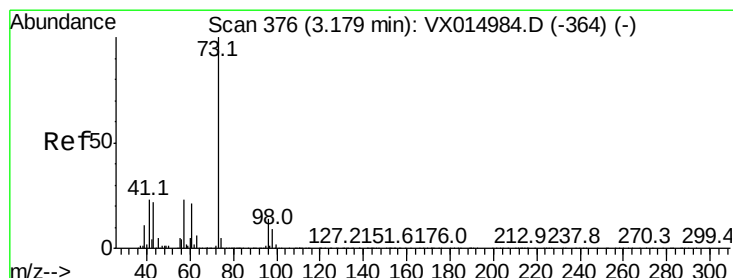
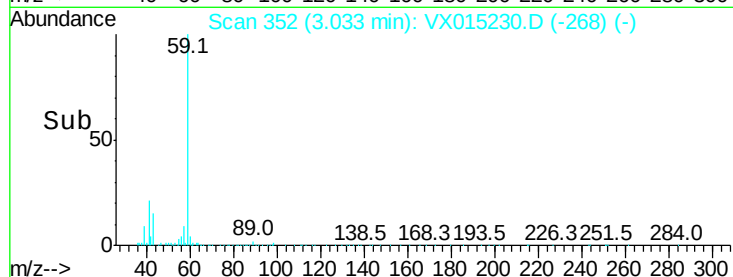
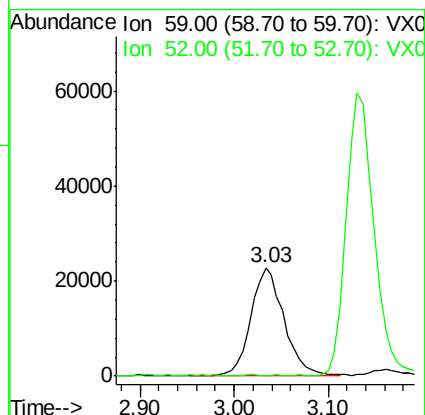
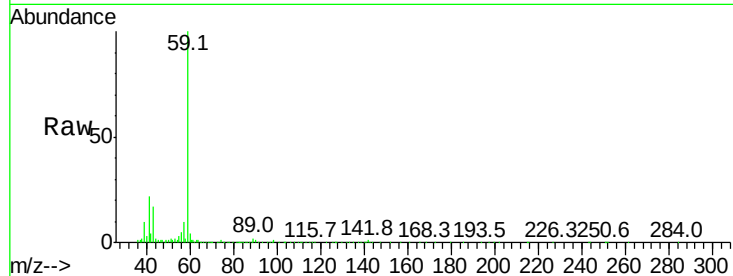


#23

tert-Butyl Alcohol
 Concen: 100.880 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

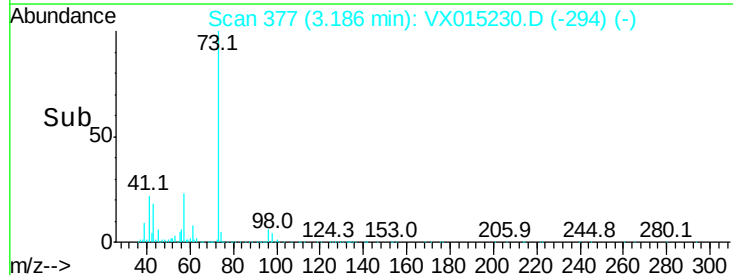
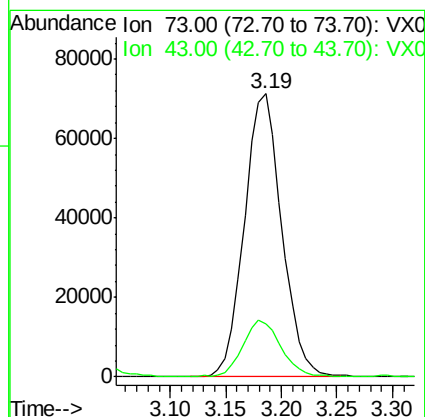
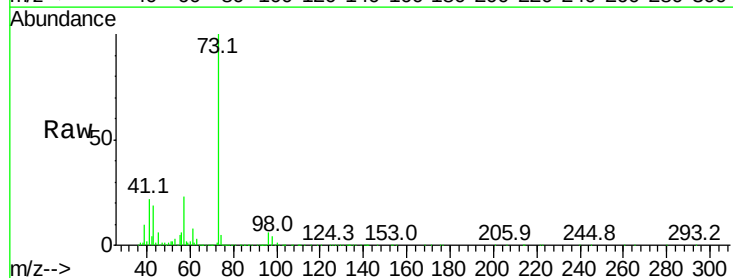
Tgt Ion: 59 Resp: 55984
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.4 0.6

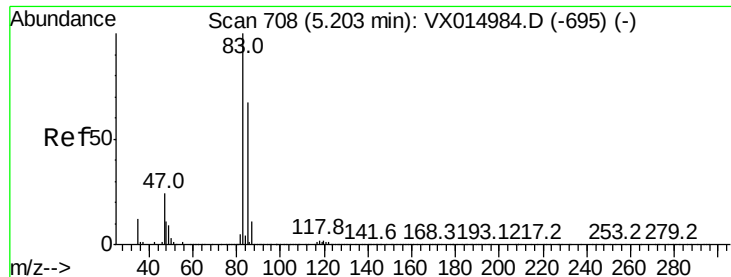


#24

Methyl tert-Butyl Ether
 Concen: 20.044 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Tgt Ion: 73 Resp: 166127
 Ion Ratio Lower Upper
 73 100
 43 19.9 17.7 26.5

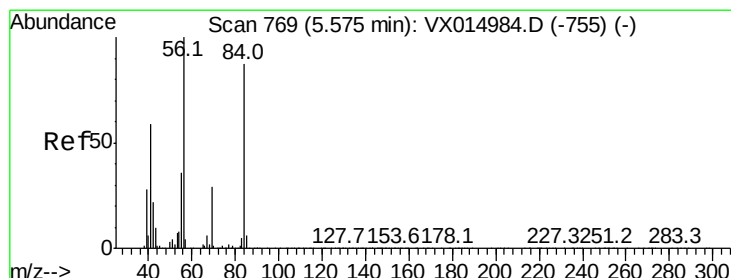
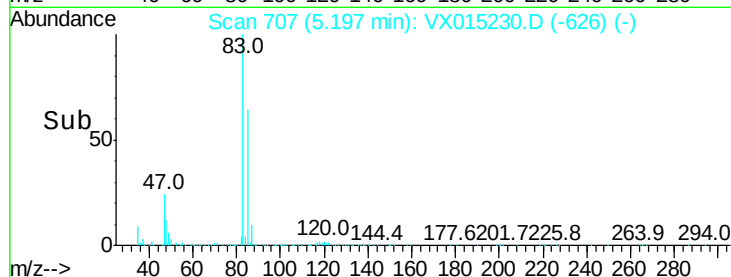
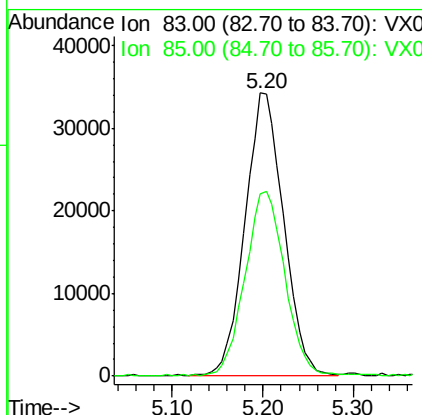
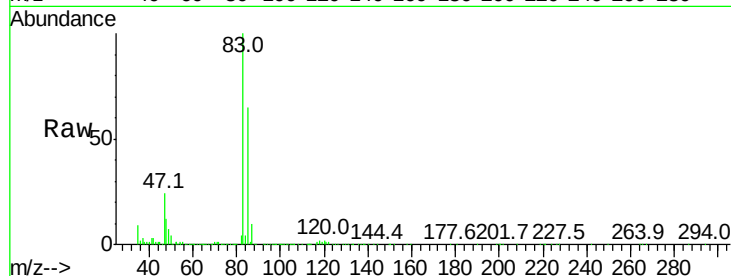




#25
Chloroform
Concen: 20.689 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

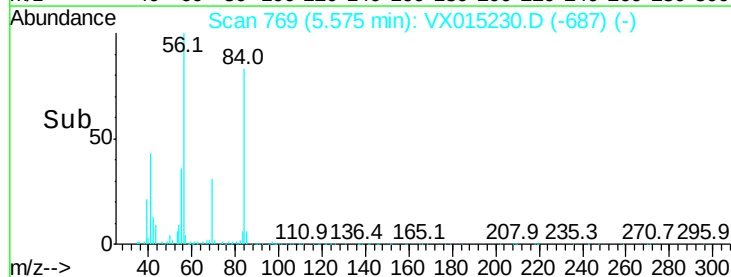
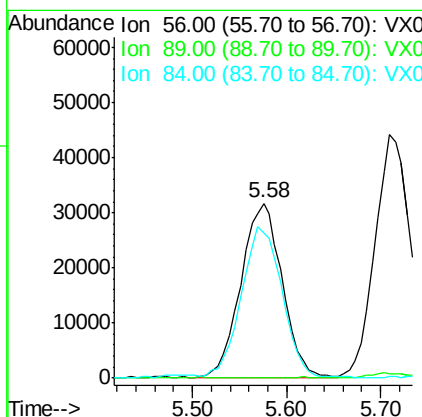
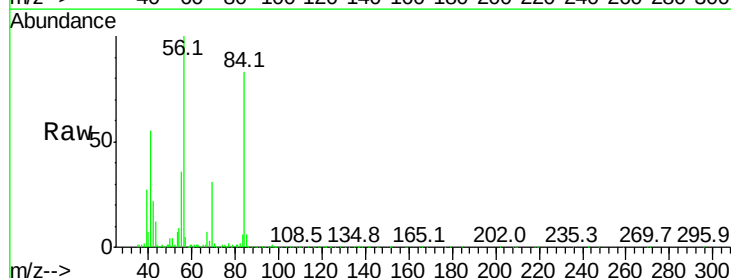
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

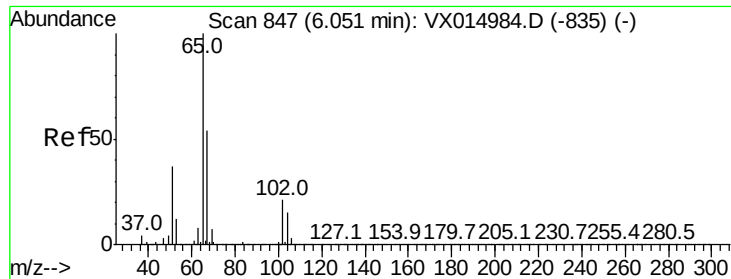
Tgt Ion: 83 Resp: 101217
Ion Ratio Lower Upper
83 100
85 64.3 53.4 80.0



#26
Cyclohexane
Concen: 22.234 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion: 56 Resp: 96403
Ion Ratio Lower Upper
56 100
89 0.1 0.2 0.2#
84 85.3 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 30.354 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

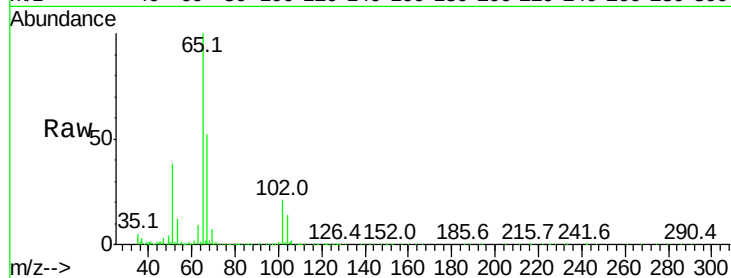
VSTDICCC020

Tgt Ion: 65 Resp: 100024

Ion Ratio Lower Upper

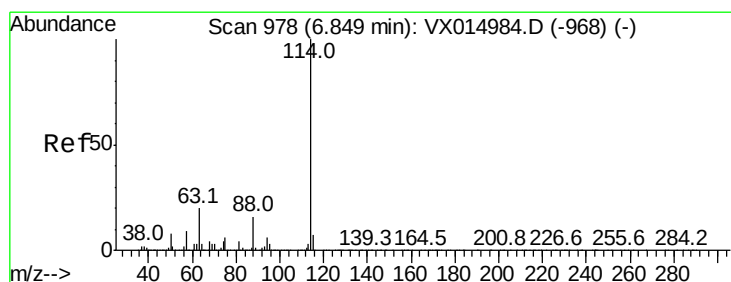
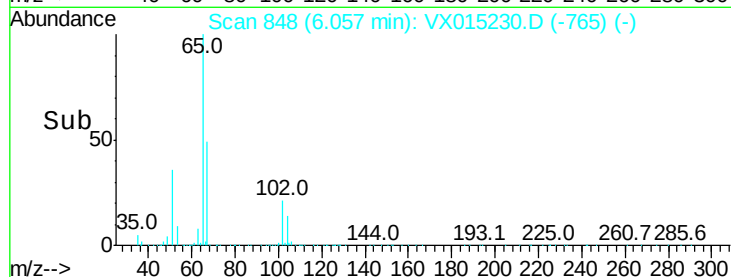
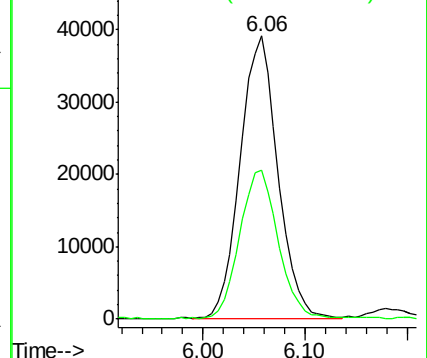
65 100

67 54.4 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

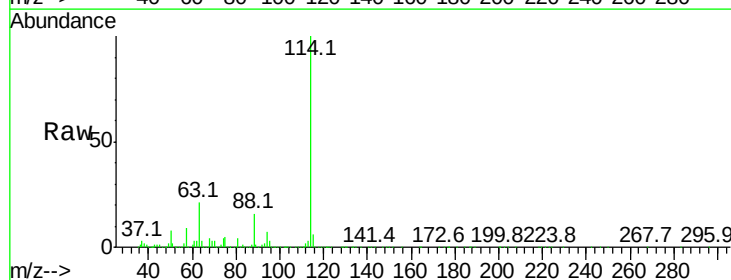
Tgt Ion: 114 Resp: 270987

Ion Ratio Lower Upper

114 100

63 20.7 15.6 23.4

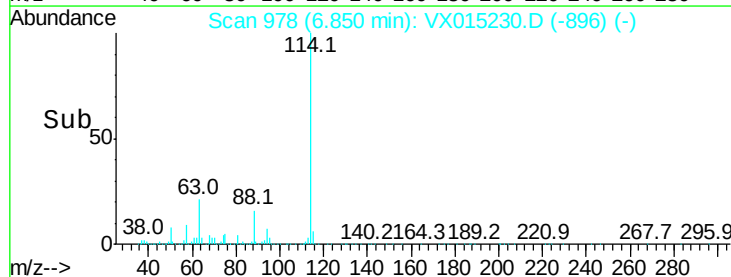
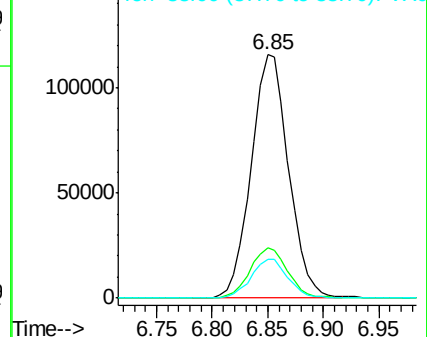
88 15.8 12.2 18.2

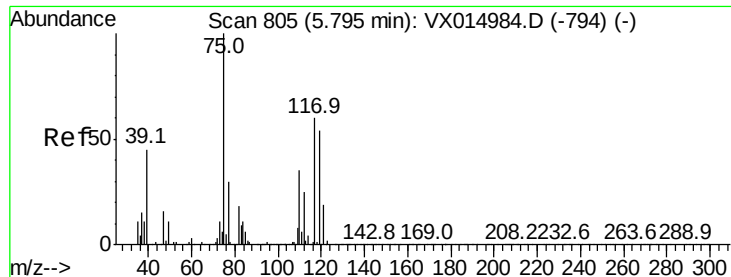


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.820 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

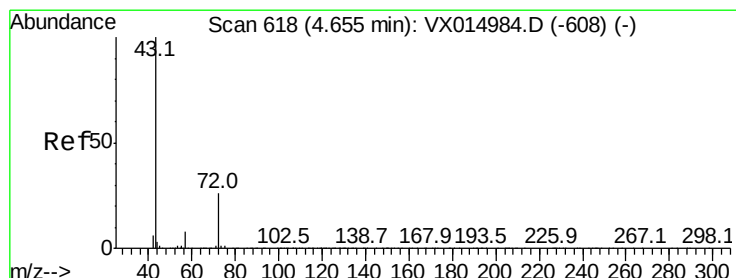
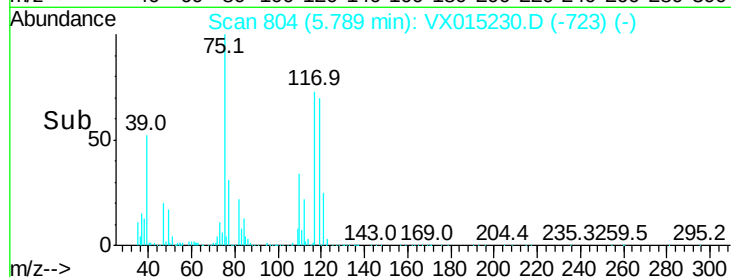
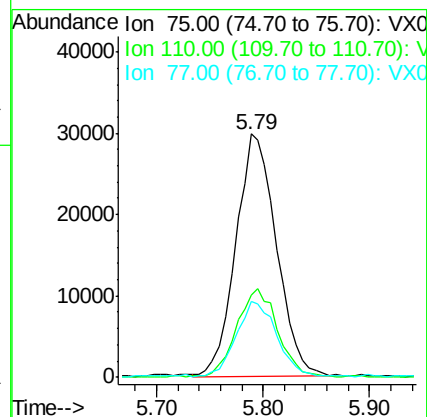
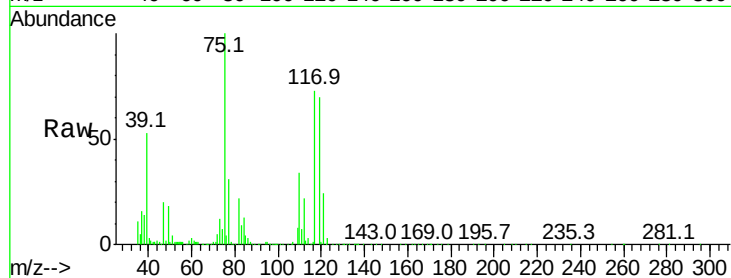
Tgt Ion: 75 Resp: 79803

Ion Ratio Lower Upper

75 100

110 36.8 0.0 75.0

77 31.7 0.0 64.0



#30

2-Butanone

Concen: 98.435 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

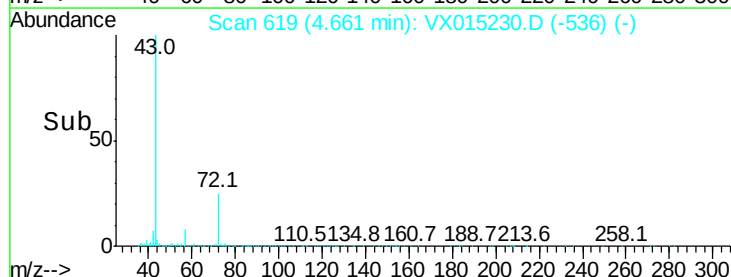
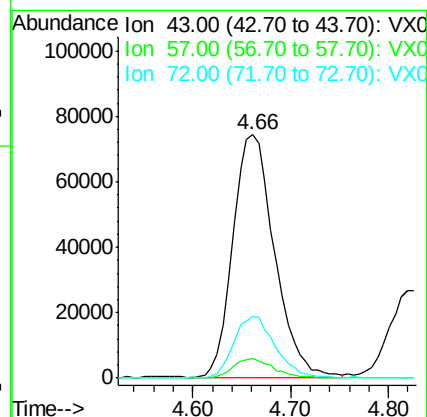
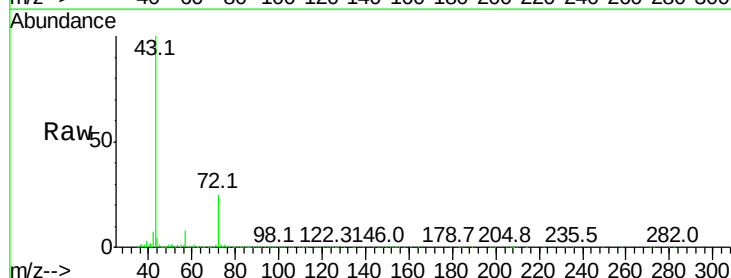
Tgt Ion: 43 Resp: 217776

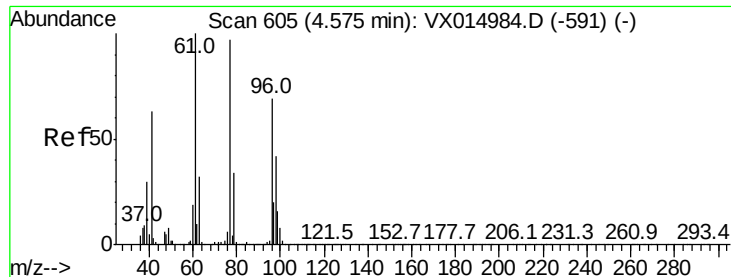
Ion Ratio Lower Upper

43 100

57 8.0 6.5 9.7

72 24.9 20.3 30.5





#31

2,2-Dichloropropane

Concen: 18.772 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

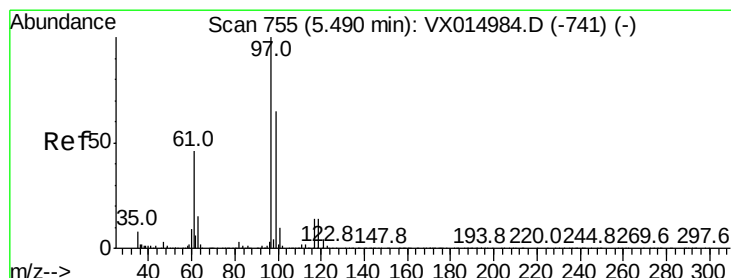
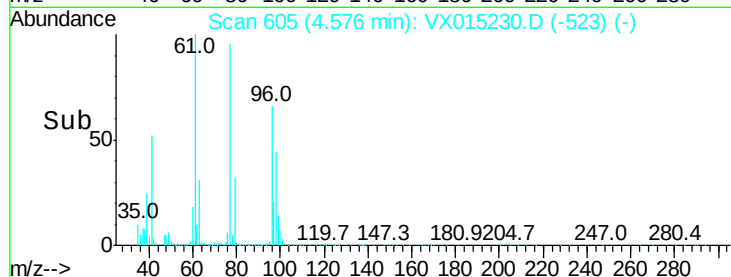
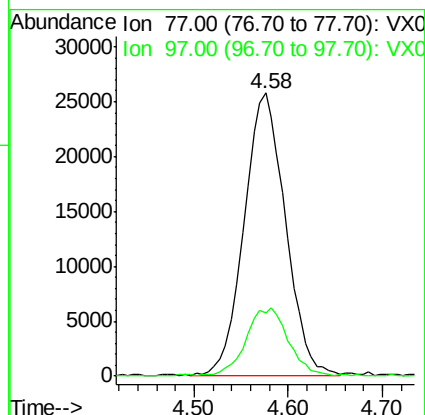
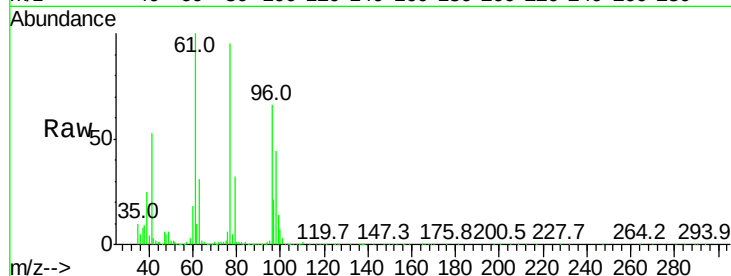
VSTDICCC020

Tgt Ion: 77 Resp: 79008

Ion Ratio Lower Upper

77 100

97 24.7 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 20.176 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

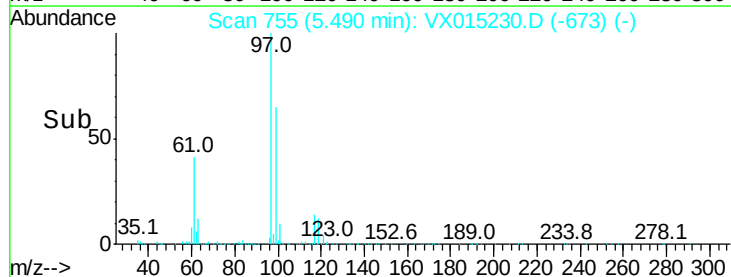
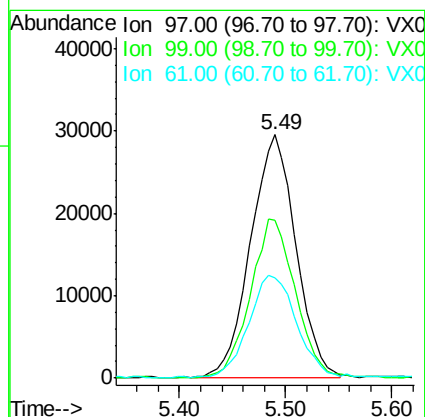
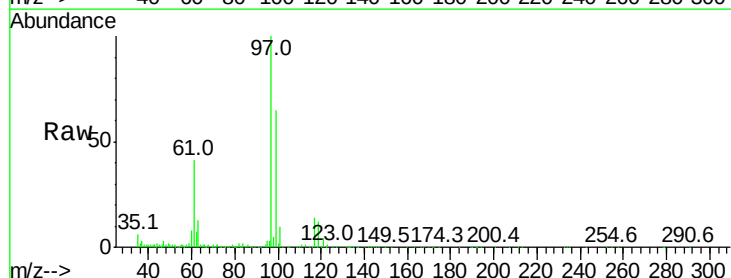
Tgt Ion: 97 Resp: 87820

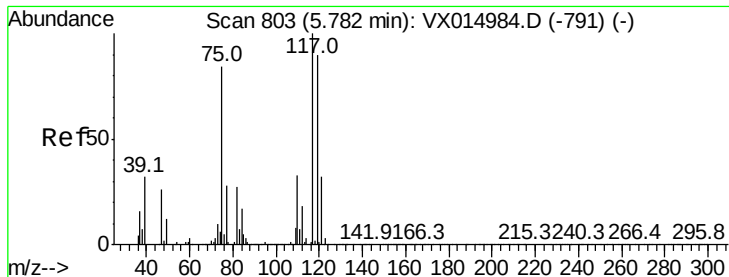
Ion Ratio Lower Upper

97 100

99 65.0 53.0 79.6

61 43.8 36.2 54.2





#33

Carbon Tetrachloride

Concen: 19.434 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

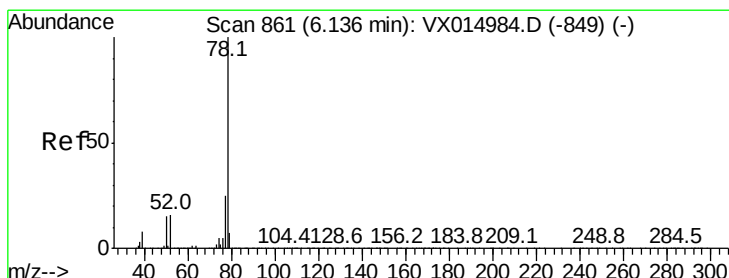
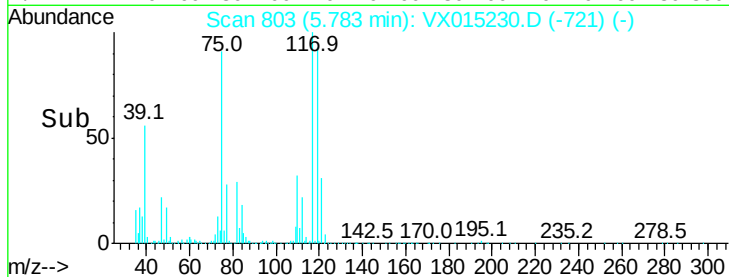
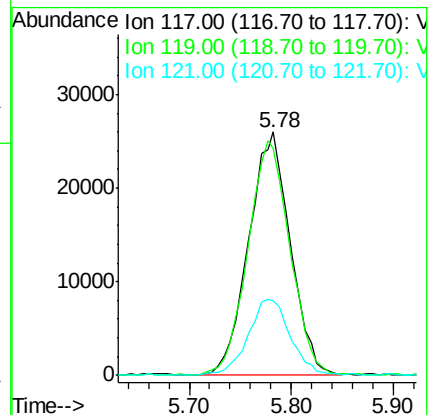
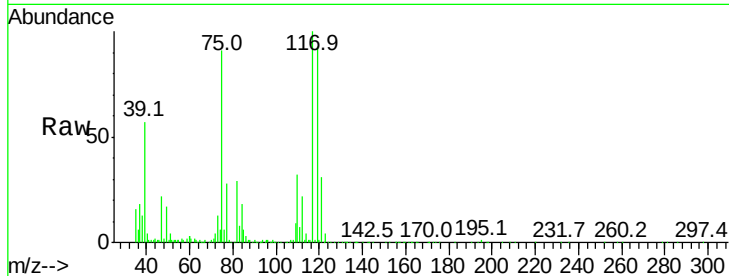
Tgt Ion:117 Resp: 74049

Ion Ratio Lower Upper

117 100

119 92.8 71.9 107.9

121 30.4 25.4 38.2



#34

Benzene

Concen: 21.432 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

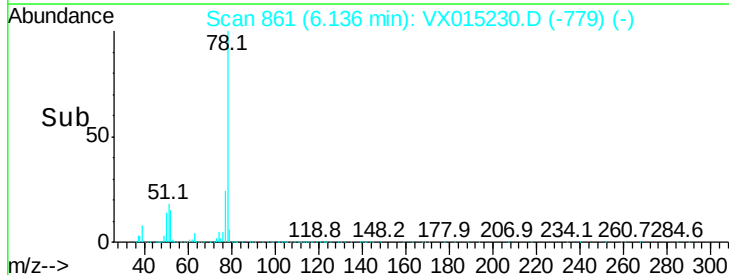
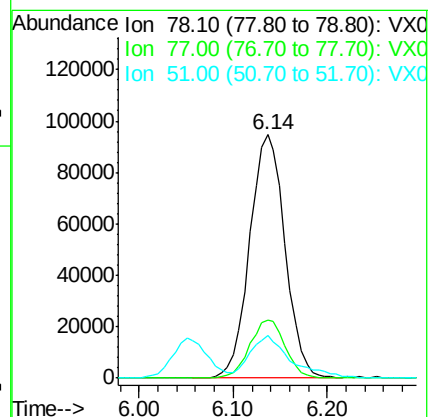
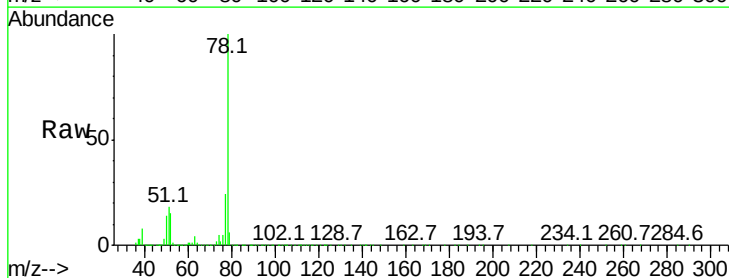
Tgt Ion: 78 Resp: 247883

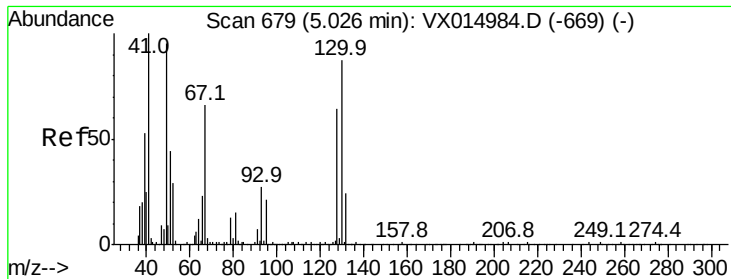
Ion Ratio Lower Upper

78 100

77 23.9 20.0 30.0

51 16.8 13.3 19.9





#35

Methacrylonitrile

Concen: 19.588 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 41 Resp: 44207

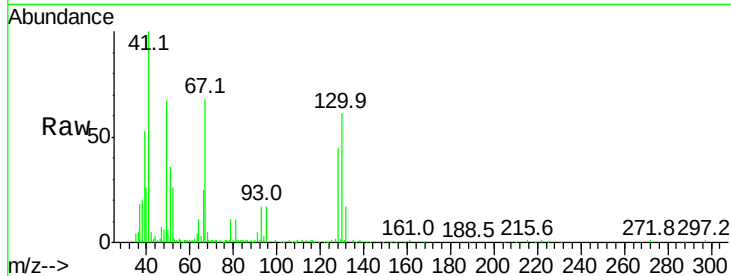
Ion Ratio Lower Upper

41 100

39 51.4 25.9 77.7

67 68.5 32.7 98.1

52 25.7 13.8 41.4

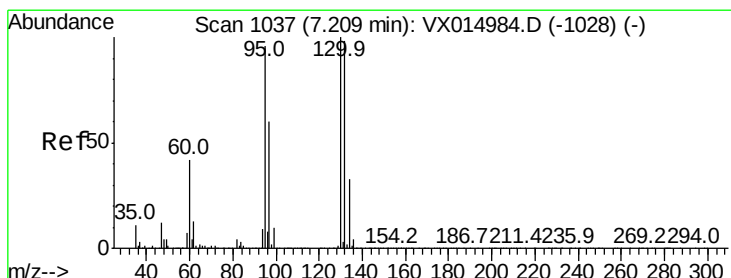
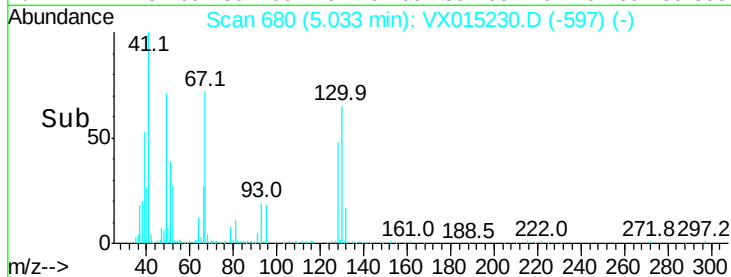
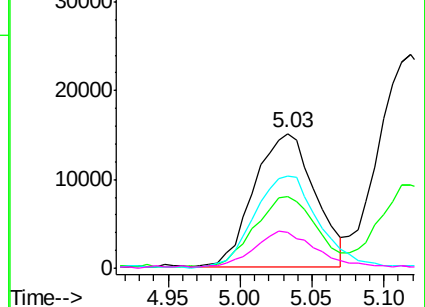


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#37

Trichloroethene

Concen: 20.137 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015230.D

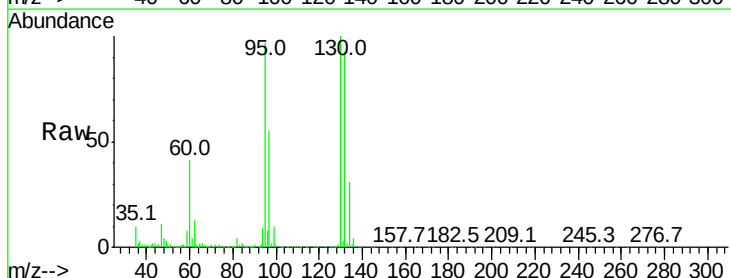
Acq: 12 Mar 2020 12:16

Tgt Ion: 130 Resp: 65391

Ion Ratio Lower Upper

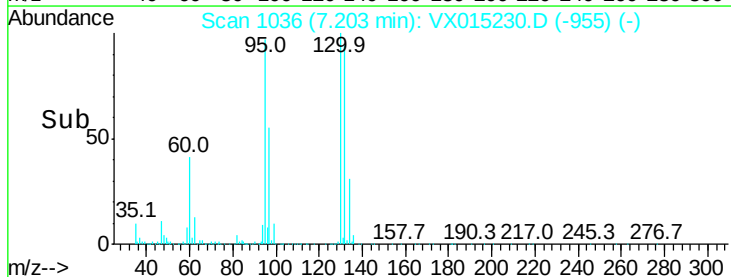
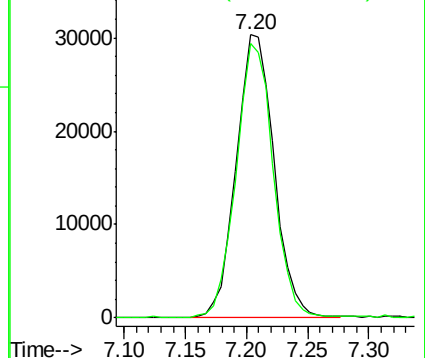
130 100

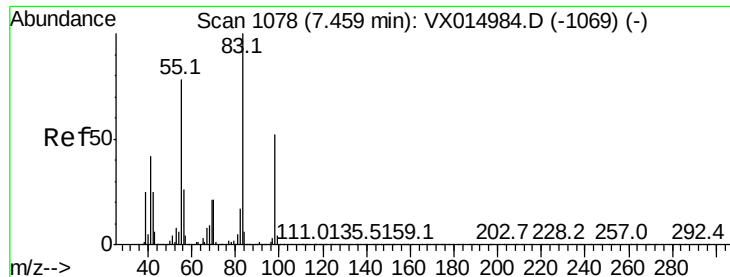
95 96.7 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

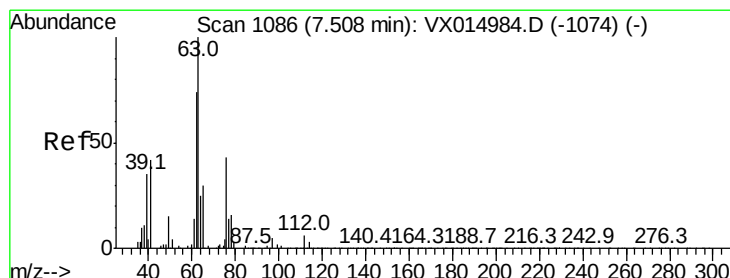
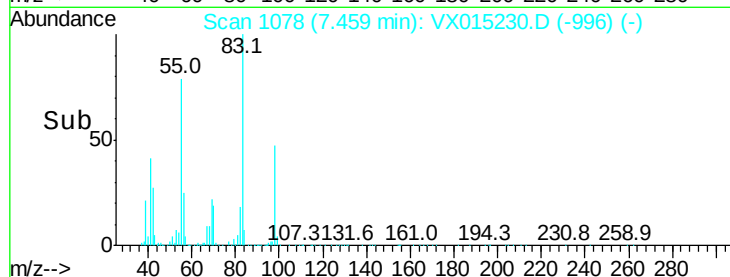
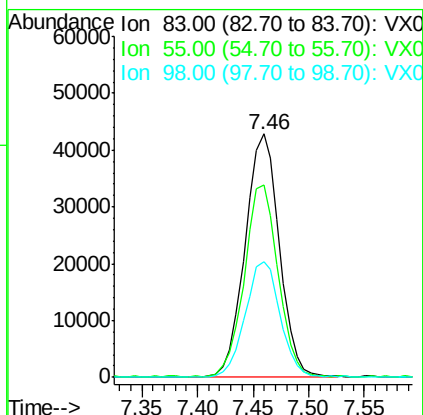
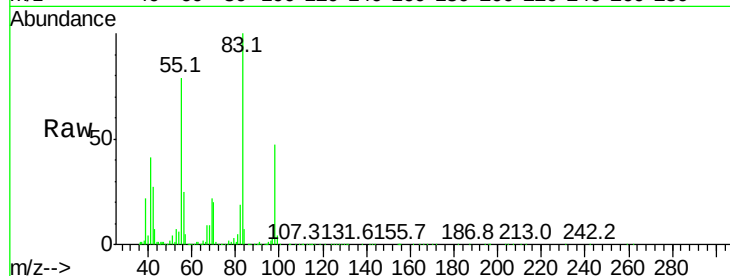




#38
Methylcyclohexane
Concen: 19.256 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

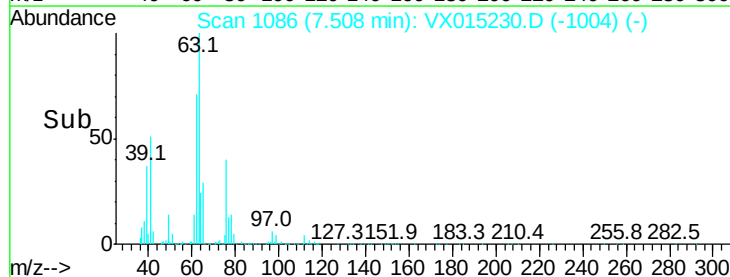
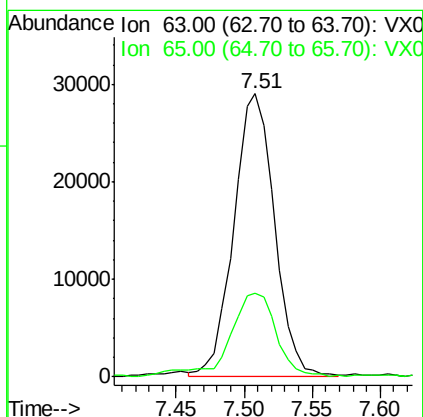
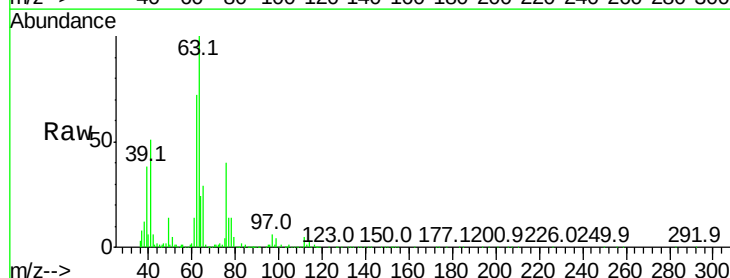
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

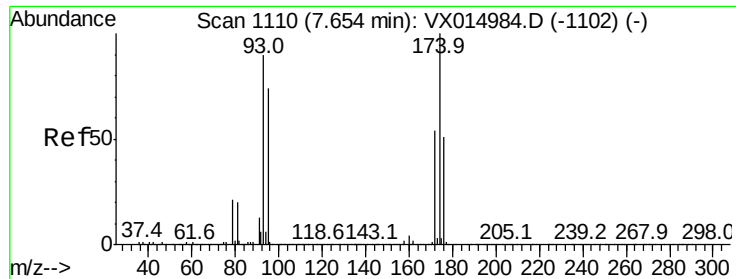
Tgt Ion: 83 Resp: 91484
Ion Ratio Lower Upper
83 100
55 78.1 38.2 114.6
98 48.8 25.3 75.8



#39
1,2-Dichloropropane
Concen: 20.458 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion: 63 Resp: 60905
Ion Ratio Lower Upper
63 100
65 29.0 24.6 36.8





#40

Dibromomethane

Concen: 19.595 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

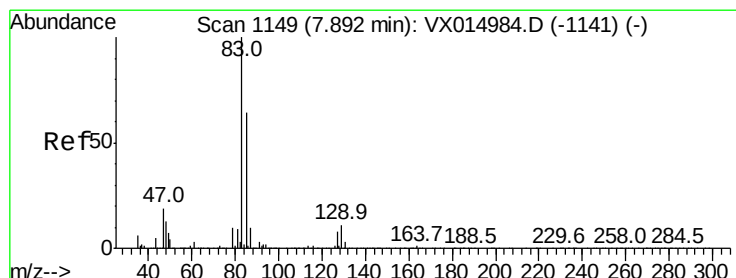
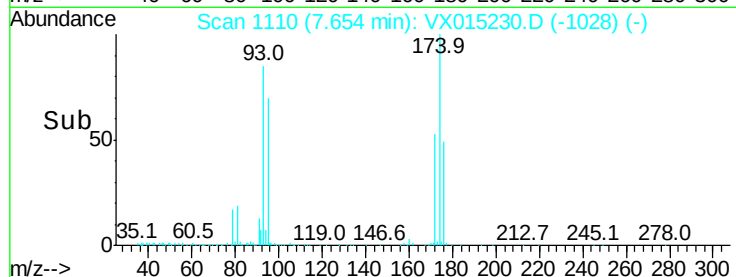
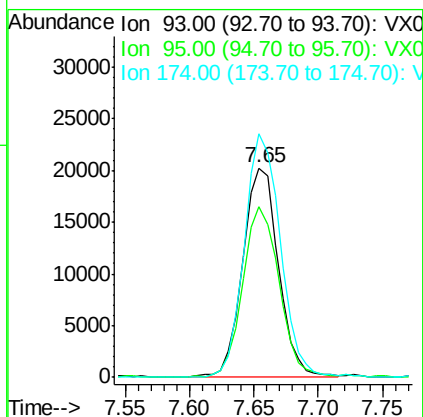
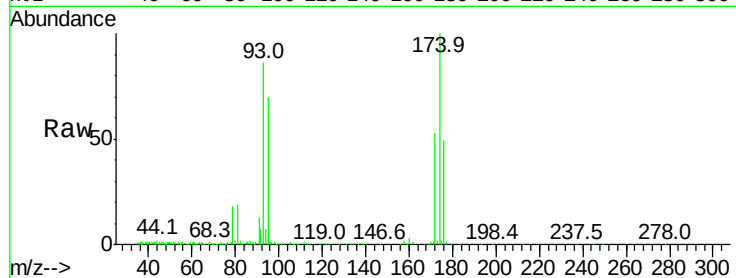
Tgt Ion: 93 Resp: 38953

Ion Ratio Lower Upper

93 100

95 81.3 0.0 164.6

174 116.8 0.0 226.4



#41

Bromodichloromethane

Concen: 18.883 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

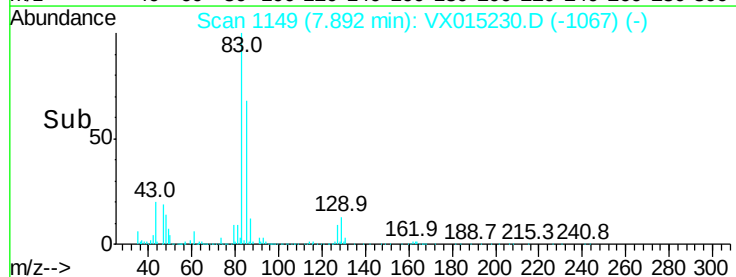
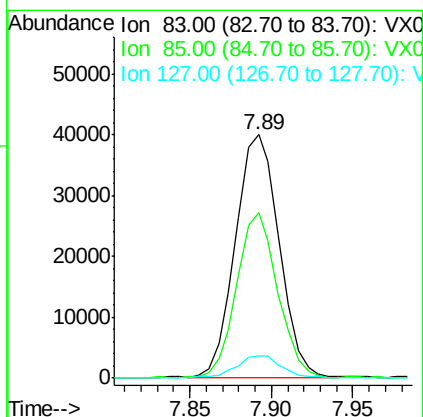
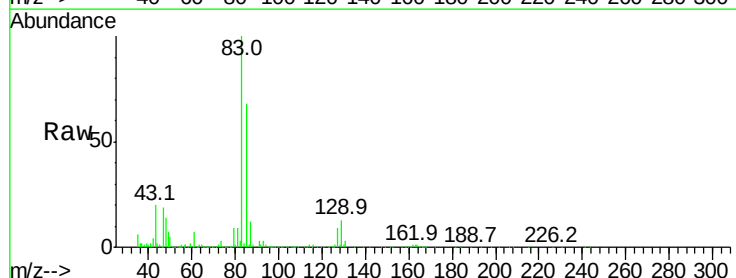
Tgt Ion: 83 Resp: 74150

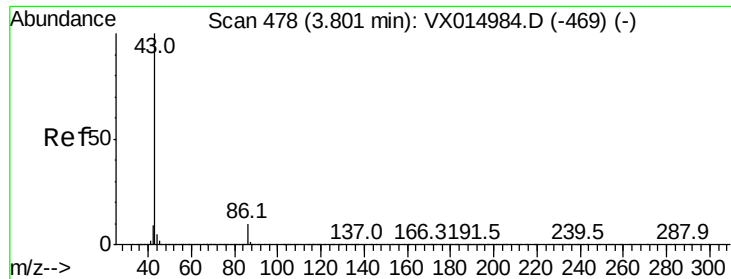
Ion Ratio Lower Upper

83 100

85 67.8 51.0 76.4

127 8.9 6.6 10.0





#42

Vinyl Acetate

Concen: 103.507 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

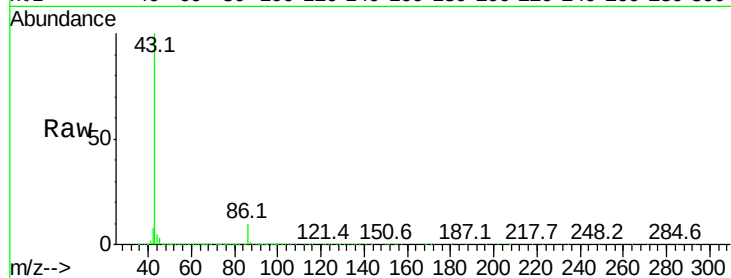
VSTDICCC020

Tgt Ion: 43 Resp: 806026

Ion Ratio Lower Upper

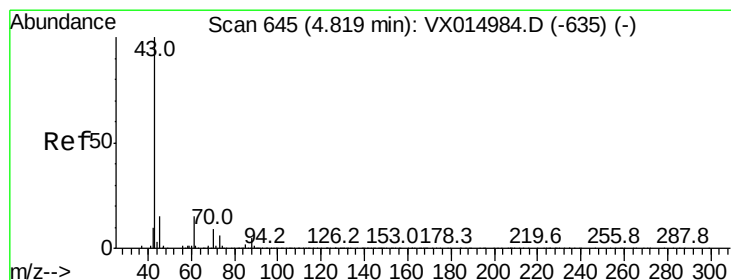
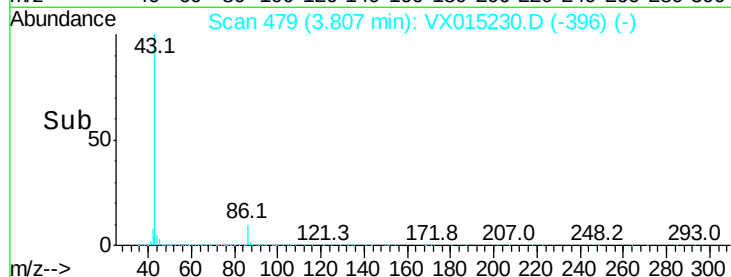
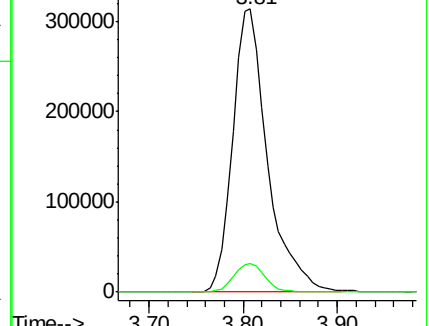
43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#43

Ethyl Acetate

Concen: 19.546 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX015230.D

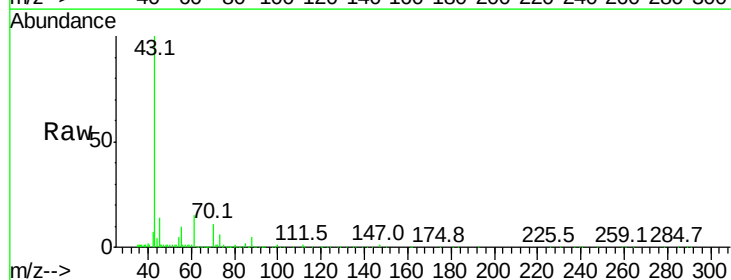
Acq: 12 Mar 2020 12:16

Tgt Ion: 43 Resp: 78244

Ion Ratio Lower Upper

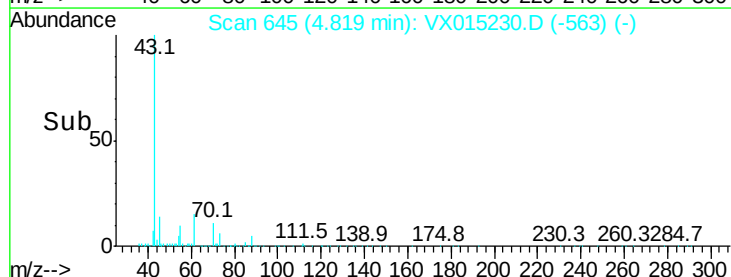
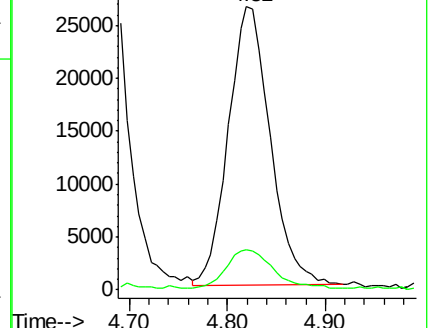
43 100

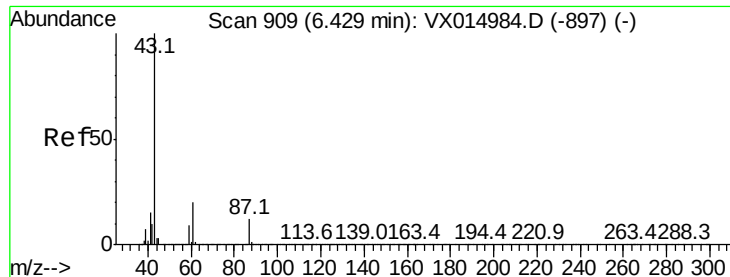
45 14.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#44

Isopropyl Acetate

Concen: 20.575 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

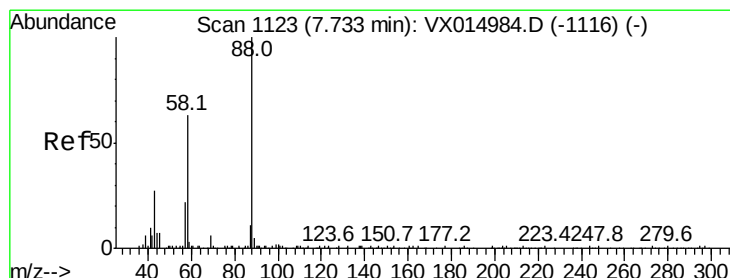
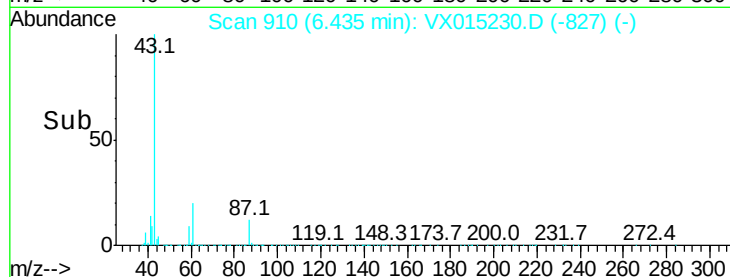
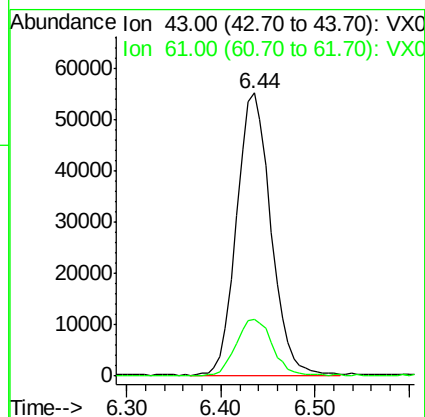
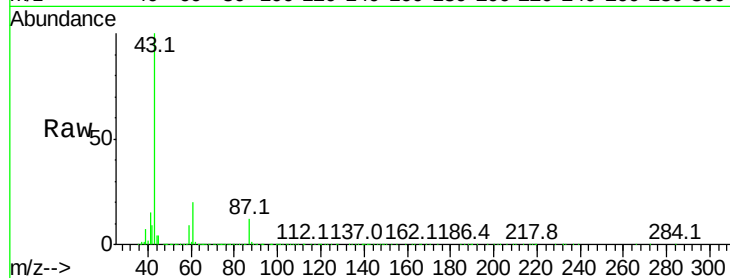
VSTDICCC020

Tgt Ion: 43 Resp: 138460

Ion Ratio Lower Upper

43 100

61 21.2 15.6 23.4



#45

1,4-Dioxane

Concen: 411.781 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

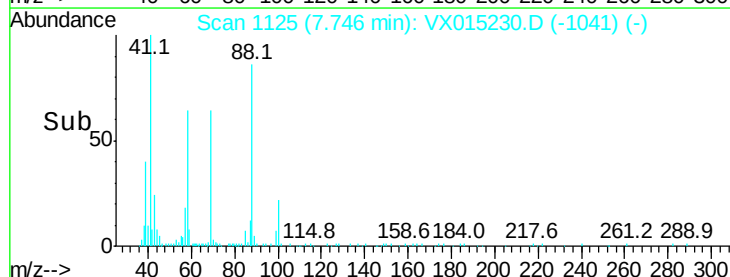
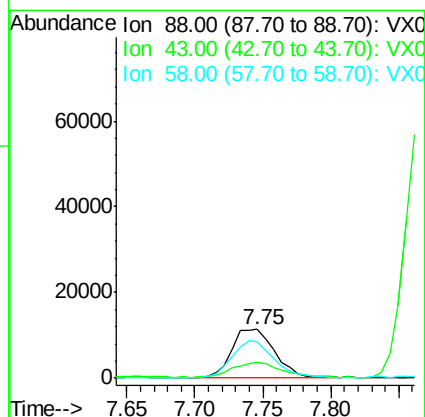
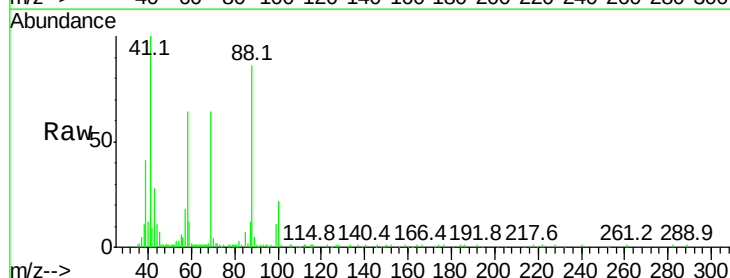
Tgt Ion: 88 Resp: 25605

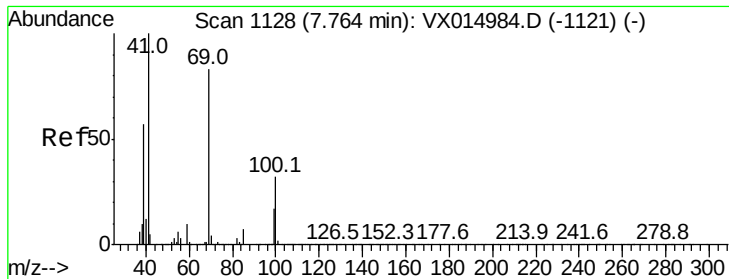
Ion Ratio Lower Upper

88 100

43 33.0 25.4 38.2

58 71.6 55.8 83.8

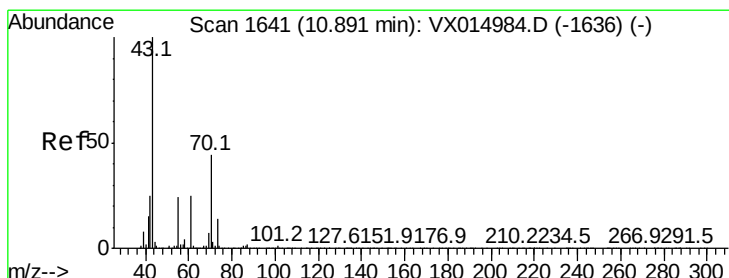
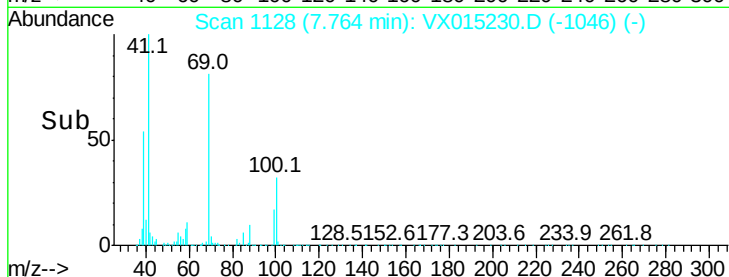
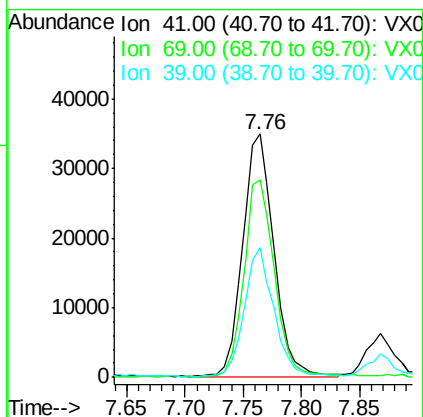
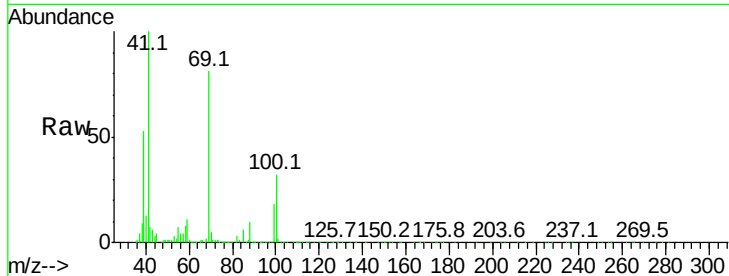




#46
Methyl methacrylate
Concen: 19.596 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

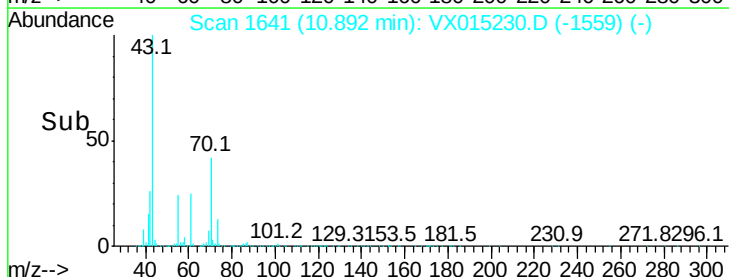
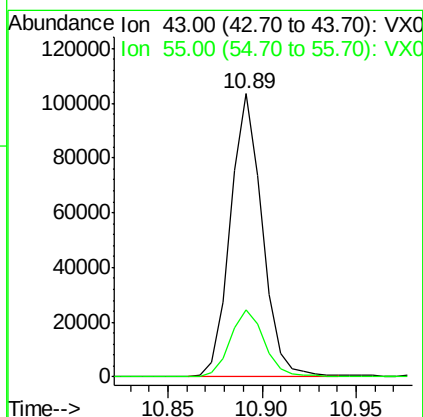
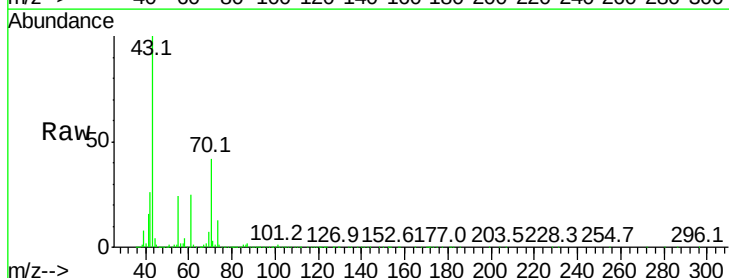
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

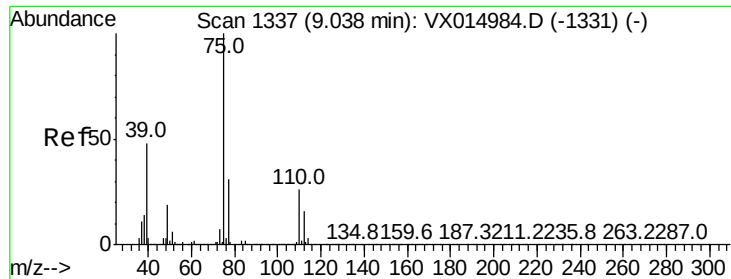
Tgt Ion: 41 Resp: 65239
Ion Ratio Lower Upper
41 100
69 80.9 41.4 124.2
39 53.2 28.3 84.9



#47
n-ethyl acetate
Concen: 20.696 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion: 43 Resp: 120654
Ion Ratio Lower Upper
43 100
55 25.5 19.2 28.8

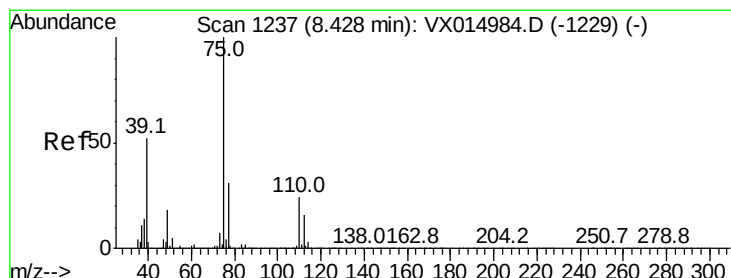
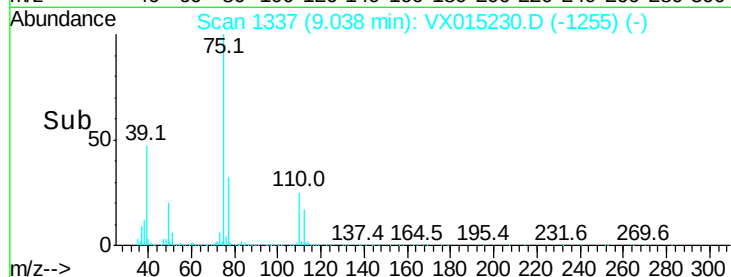
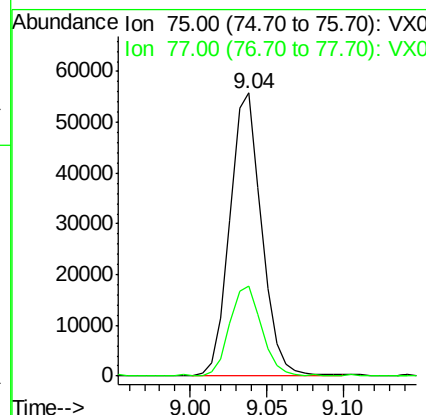
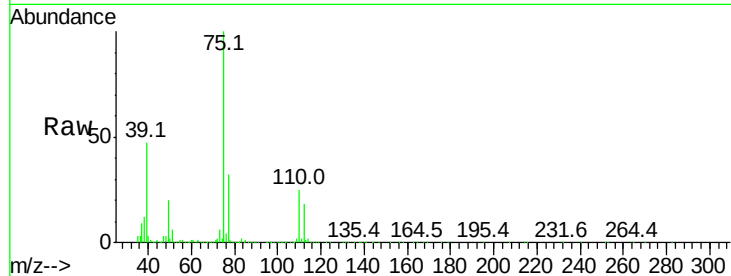




#48
t-1,3-Dichloropropene
Concen: 18.382 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

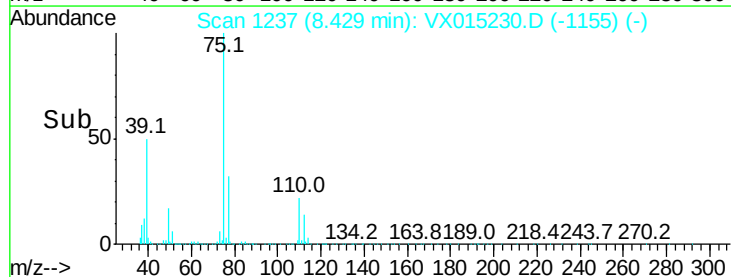
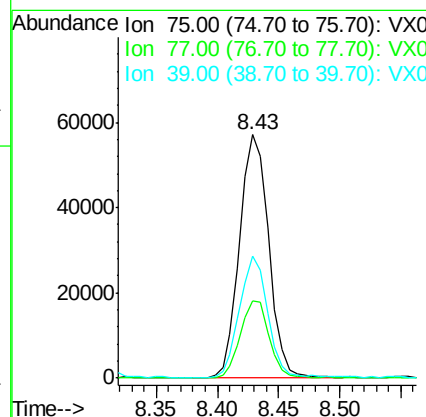
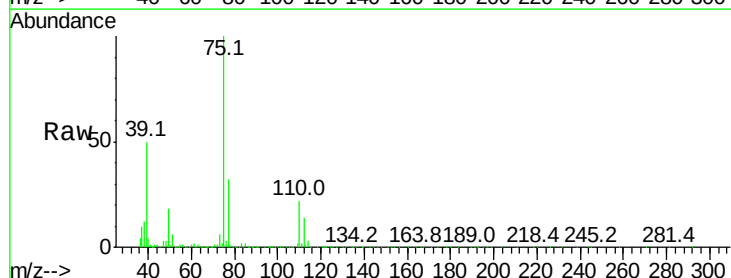
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

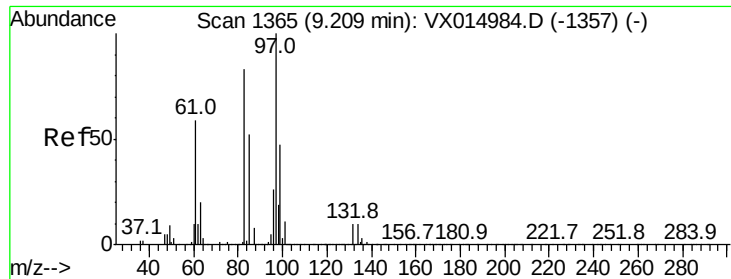
Tgt Ion: 75 Resp: 80087
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8



#49
cis-1,3-Dichloropropene
Concen: 19.739 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion: 75 Resp: 94676
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 49.7 41.5 62.3





#50

1,1,2-Trichloroethane

Concen: 19.383 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 97 Resp: 57406

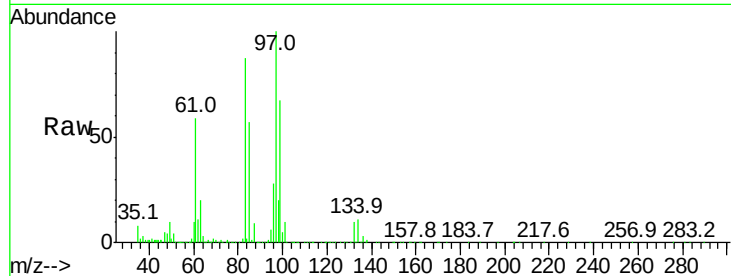
Ion Ratio Lower Upper

97 100

83 87.1 66.2 99.2

85 56.7 42.4 63.6

99 66.4 47.7 71.5

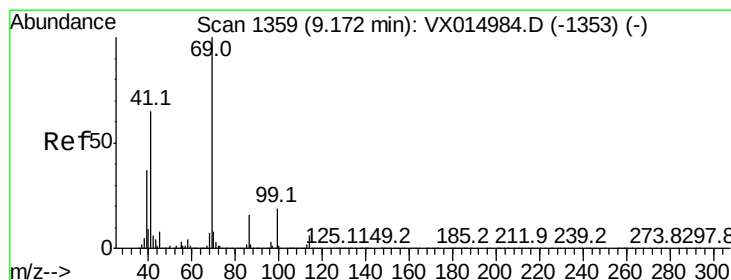
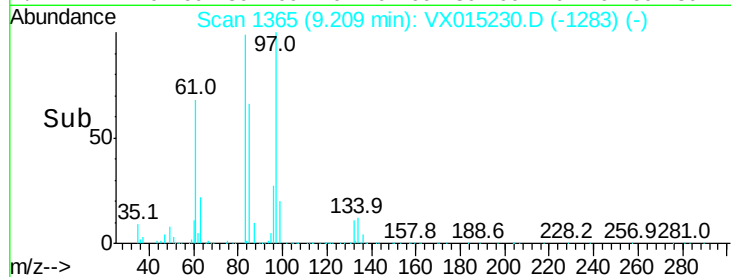
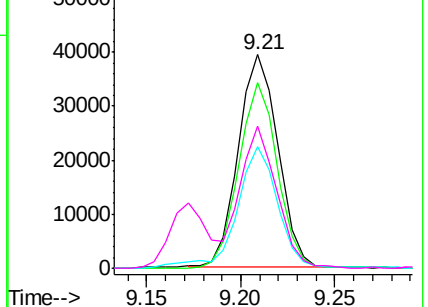


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0



#51

Ethyl methacrylate

Concen: 19.284 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

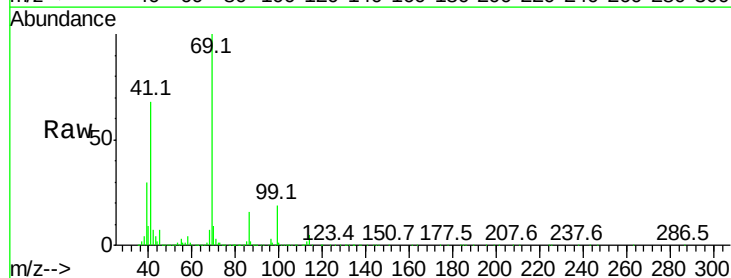
Tgt Ion: 69 Resp: 88150

Ion Ratio Lower Upper

69 100

41 67.5 32.7 98.1

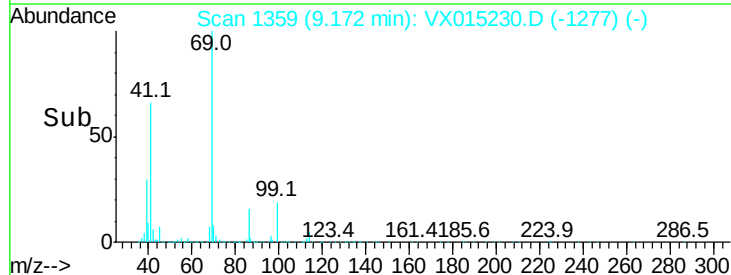
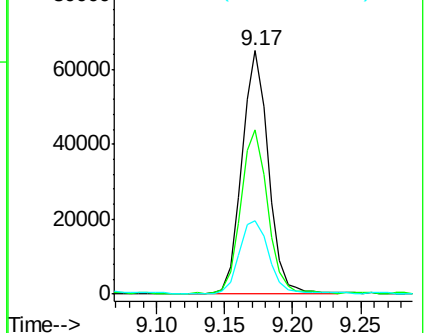
39 30.2 18.2 54.6

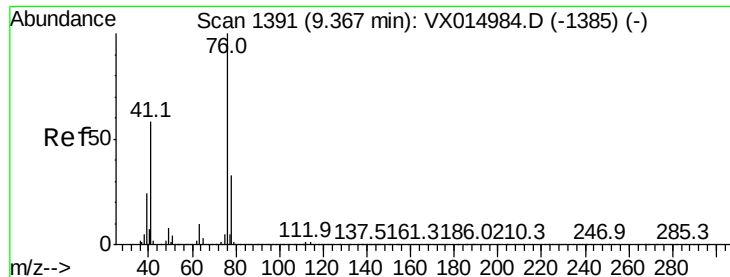


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 19.536 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

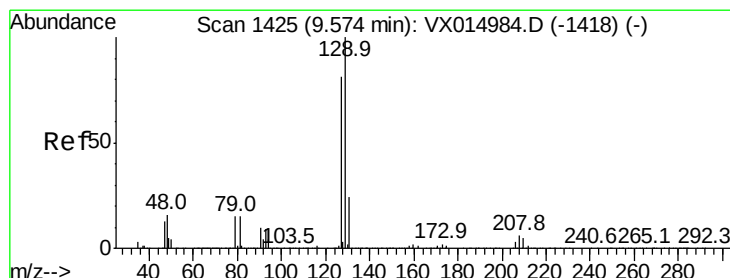
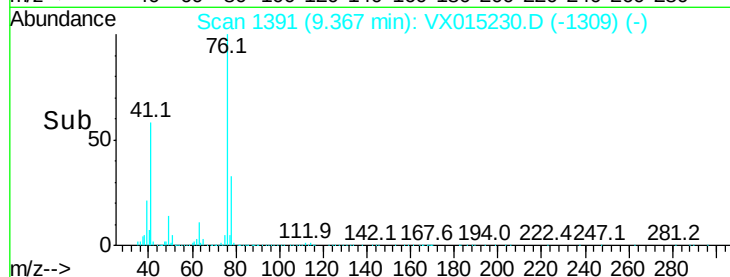
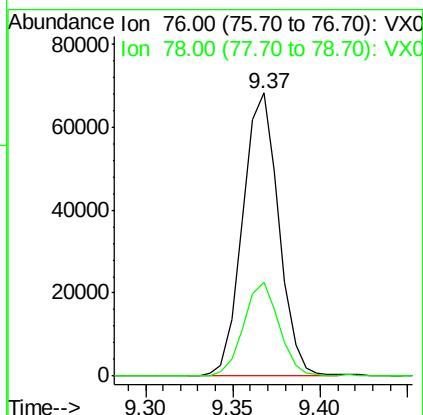
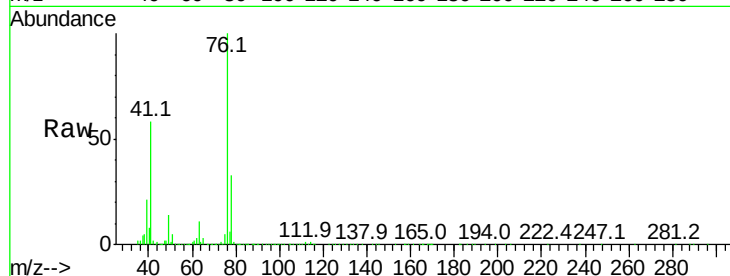
VSTDICCC020

Tgt Ion: 76 Resp: 97881

Ion Ratio Lower Upper

76 100

78 32.6 0.0 65.0



#53

Dibromochloromethane

Concen: 18.613 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015230.D

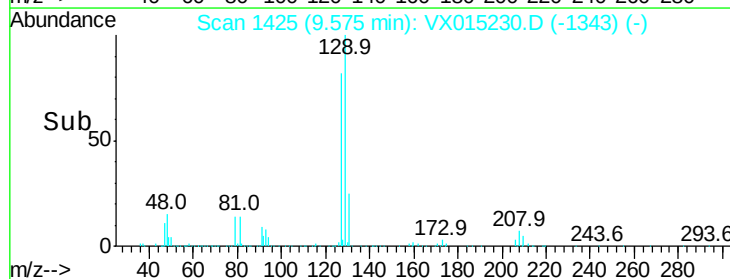
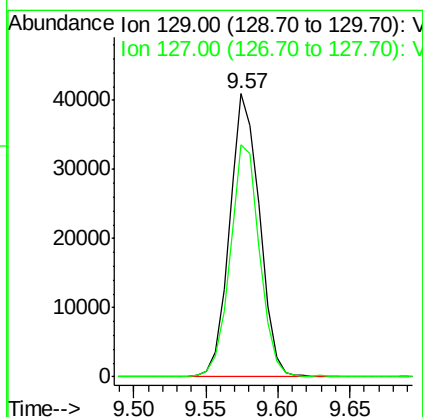
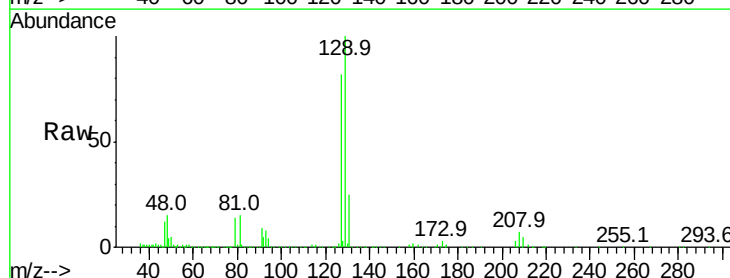
Acq: 12 Mar 2020 12:16

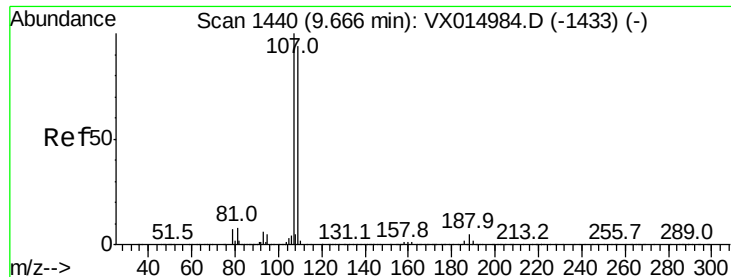
Tgt Ion: 129 Resp: 59599

Ion Ratio Lower Upper

129 100

127 80.7 38.3 114.9





#54

1,2-Dibromoethane

Concen: 19.009 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

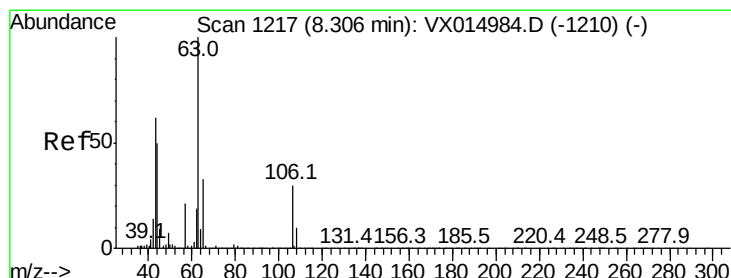
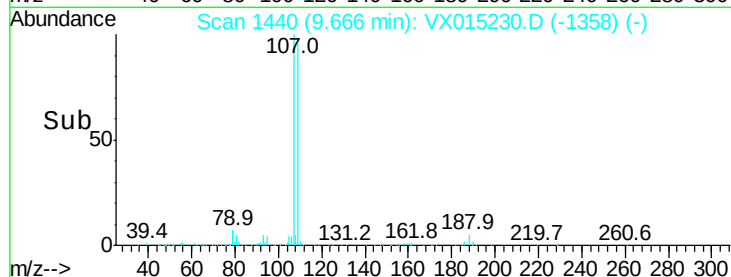
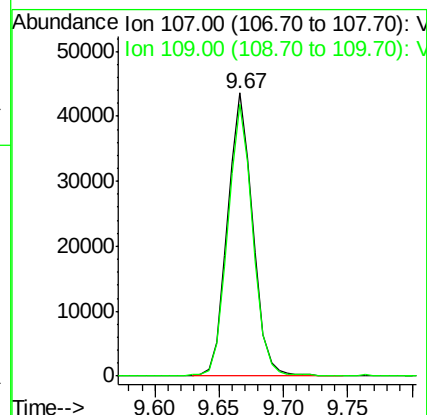
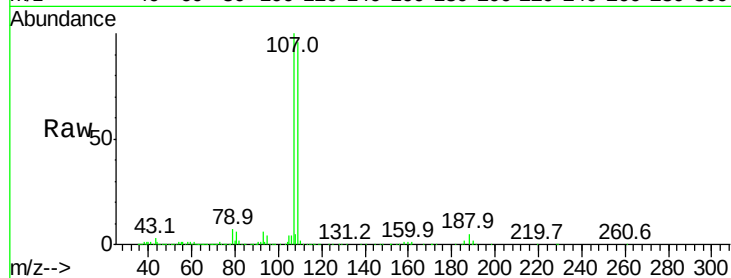
VSTDICCC020

Tgt Ion:107 Resp: 59774

Ion Ratio Lower Upper

107 100

109 93.7 76.3 114.5



#55

2-Chloroethyl vinyl ether

Concen: 91.450 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

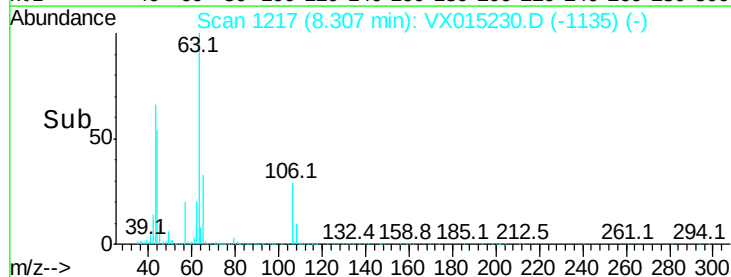
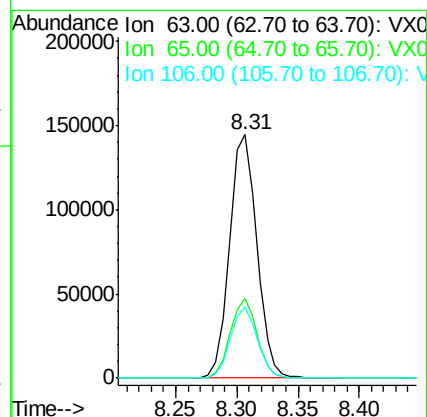
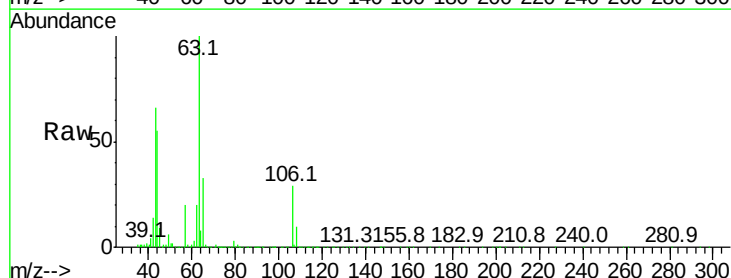
Tgt Ion: 63 Resp: 222679

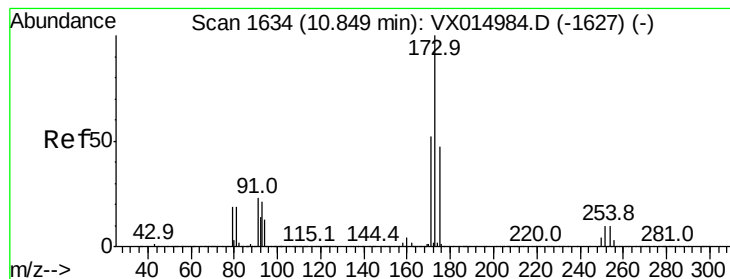
Ion Ratio Lower Upper

63 100

65 32.0 26.0 39.0

106 28.7 23.9 35.9





#56

Bromoform

Concen: 19.122 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

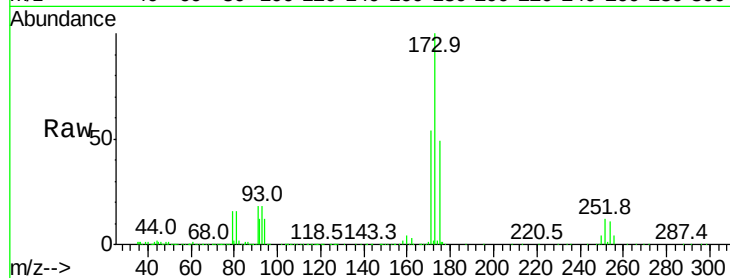
Tgt Ion:173 Resp: 47999

Ion Ratio Lower Upper

173 100

175 48.6 38.6 57.8

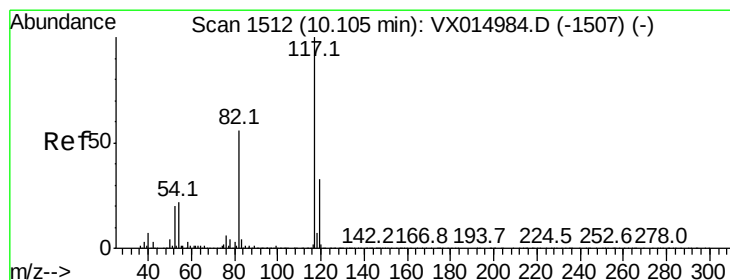
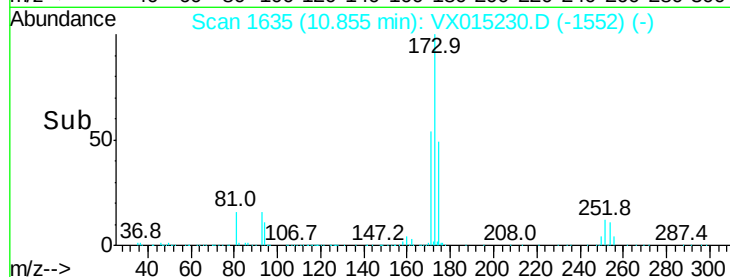
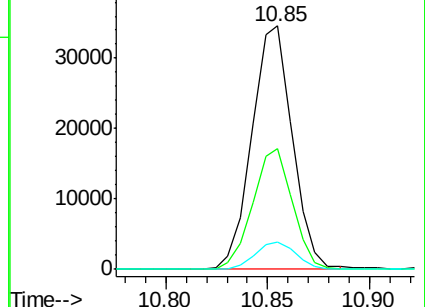
254 11.4 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.01 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

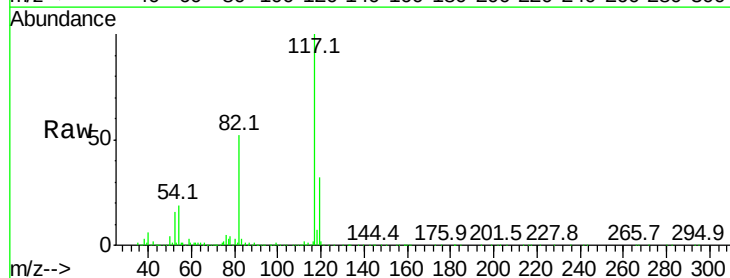
Tgt Ion:117 Resp: 252223

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.2

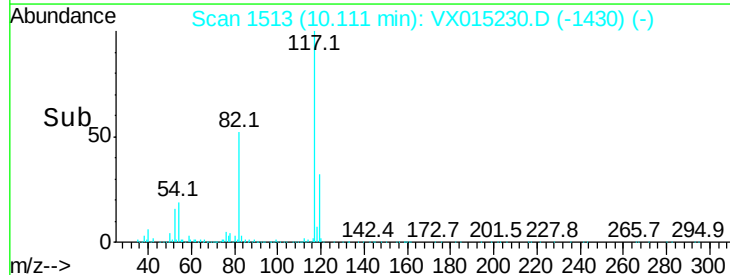
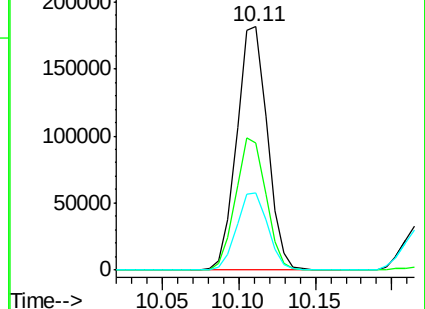
119 32.3 26.0 39.0

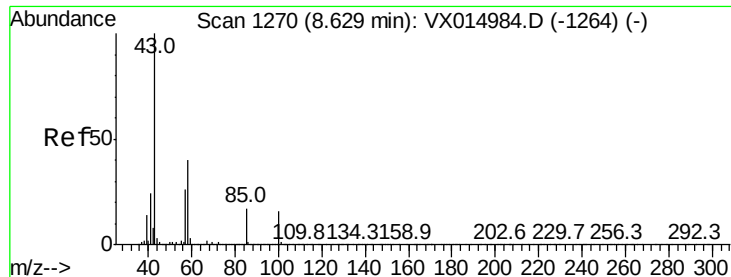


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

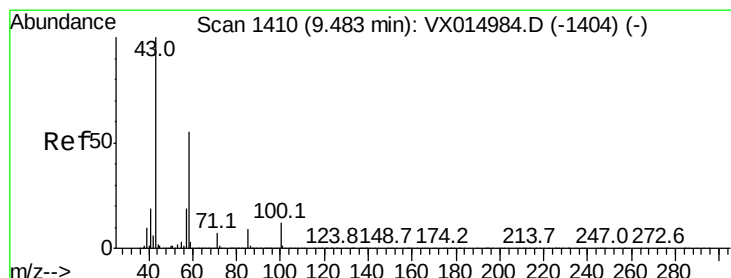
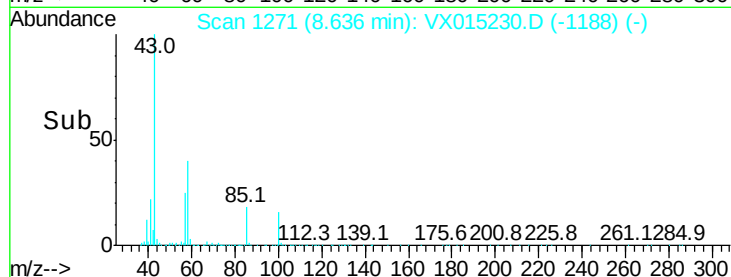
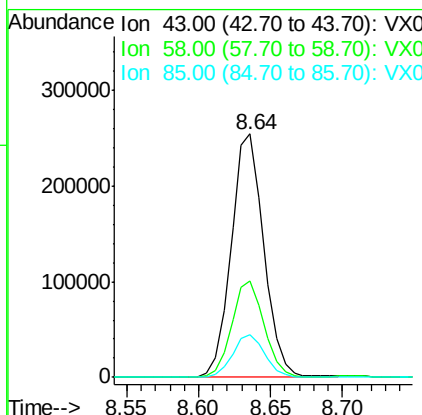
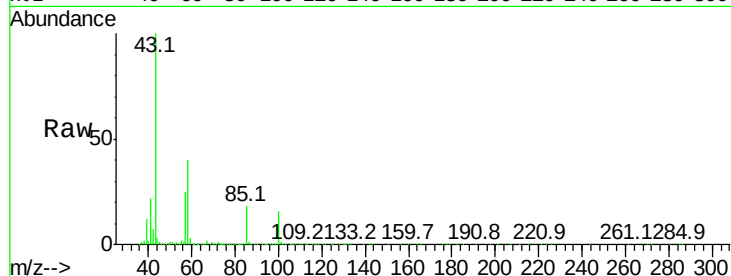




#58
 4-Methyl-2-Pentanone
 Concen: 97.212 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

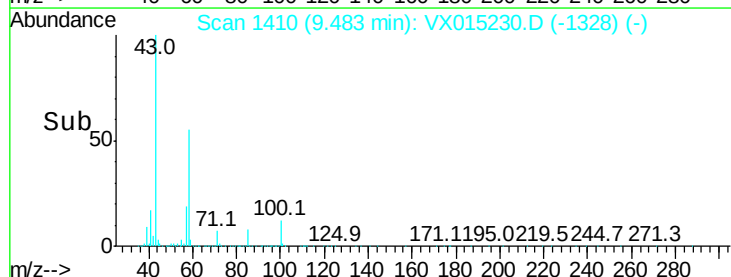
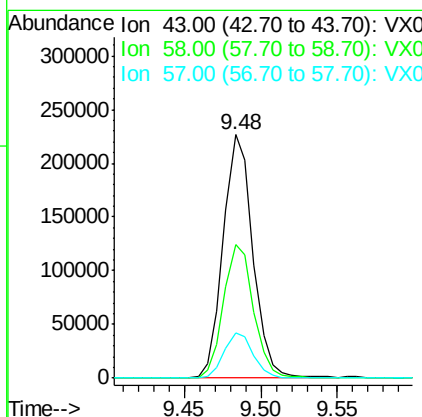
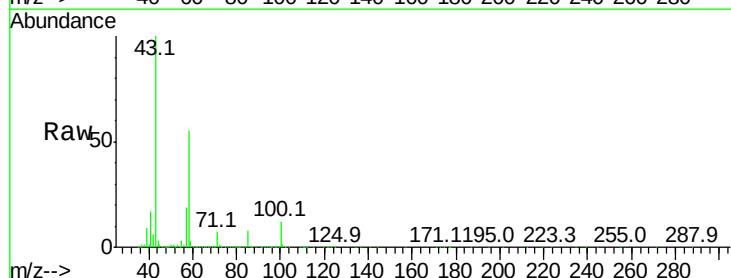
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

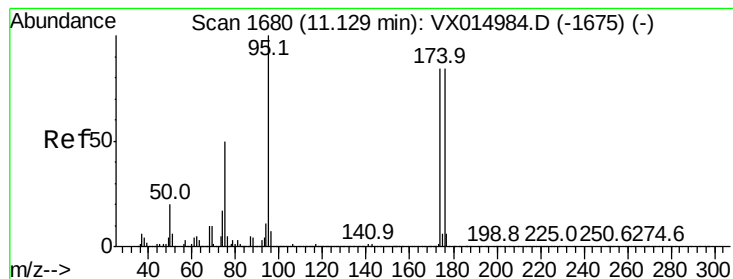
Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.7	47.5
85	17.3	14.4	21.6



#59
 2-Hexanone
 Concen: 94.265 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.7	44.1	66.1
57	18.2	15.3	22.9





#60

4-Bromofluorobenzene

Concen: 30.524 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

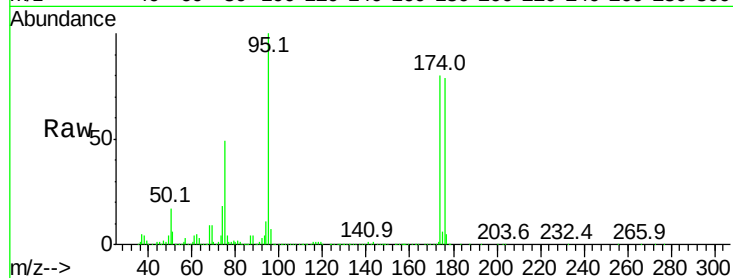
Tgt Ion: 95 Resp: 119911

Ion Ratio Lower Upper

95 100

174 90.0 72.3 108.5

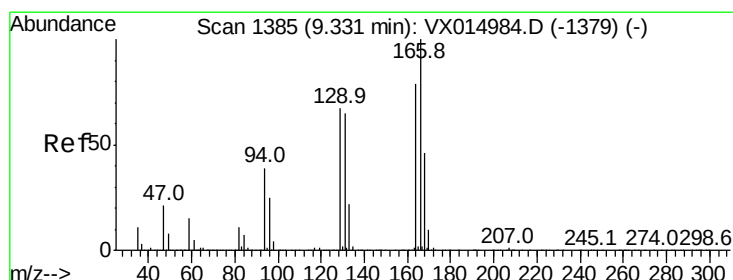
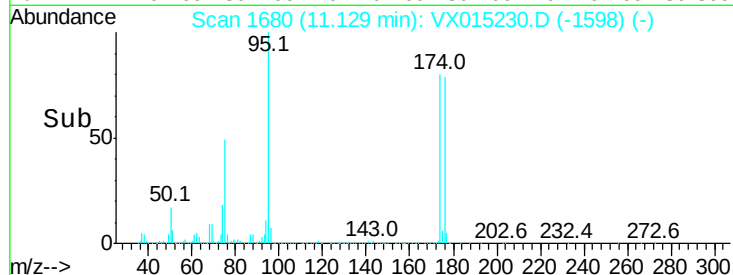
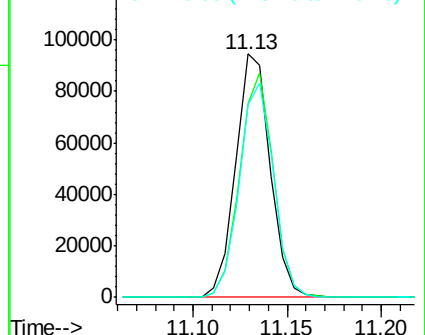
176 87.6 72.0 108.0



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#61

Tetrachloroethene

Concen: 19.768 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Tgt Ion: 164 Resp: 66966

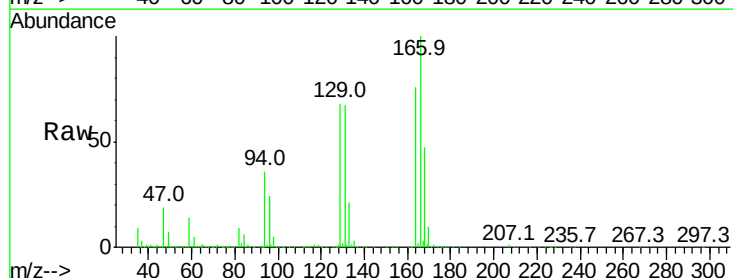
Ion Ratio Lower Upper

164 100

166 131.4 101.2 151.8

129 89.4 67.6 101.4

131 87.4 66.0 99.0

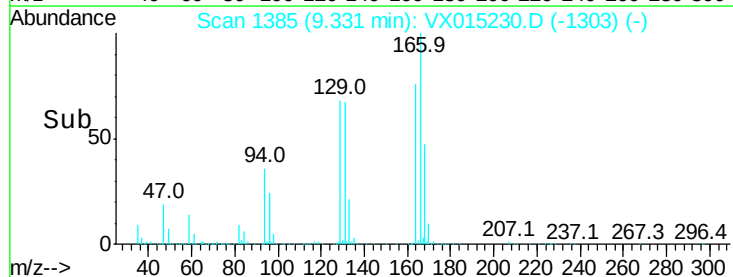
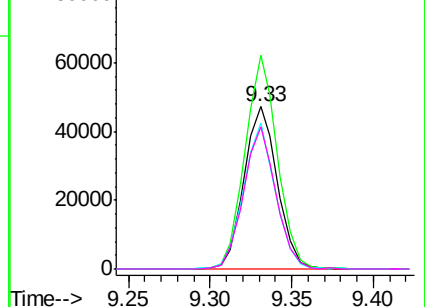


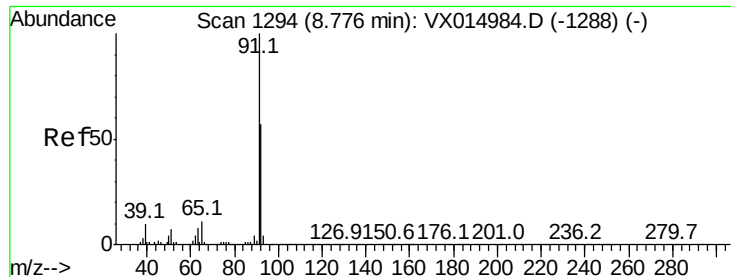
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#62

Toluene

Concen: 19.141 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

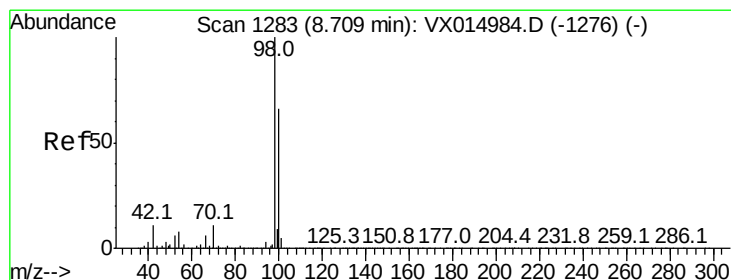
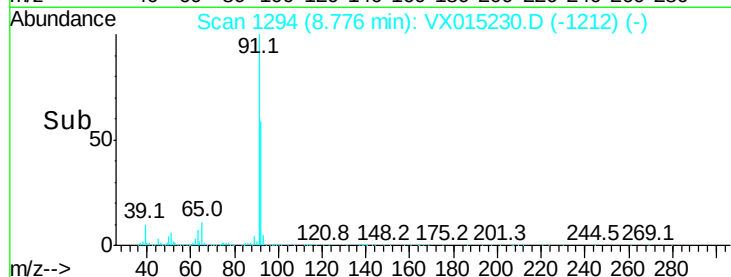
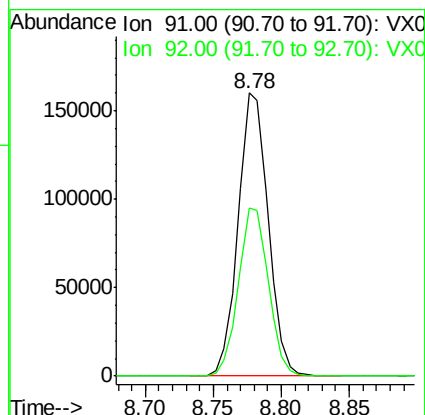
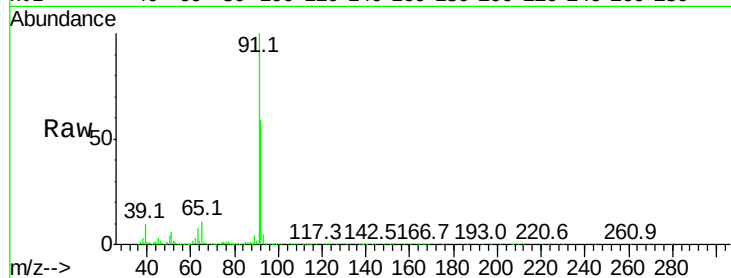
VSTDICCC020

Tgt Ion: 91 Resp: 247286

Ion Ratio Lower Upper

91 100

92 58.9 46.6 69.8



#63

Toluene-d8

Concen: 28.467 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015230.D

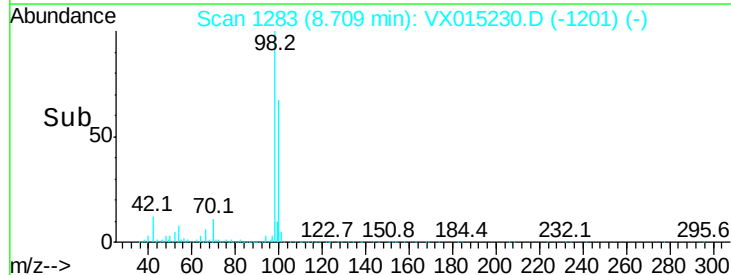
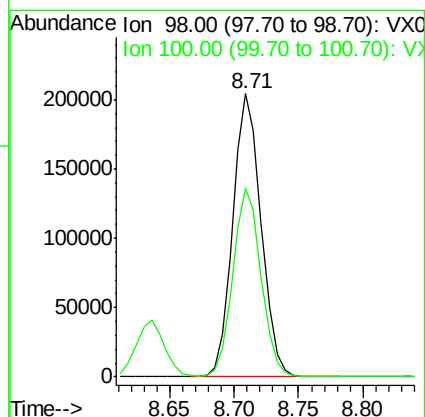
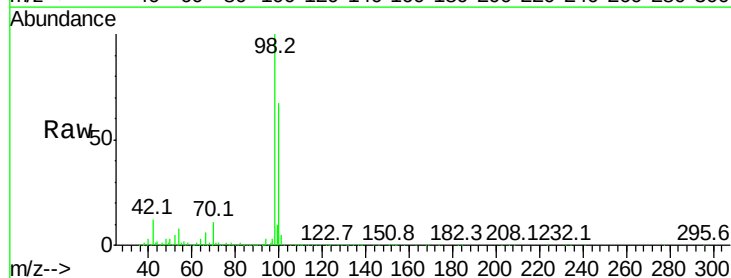
Acq: 12 Mar 2020 12:16

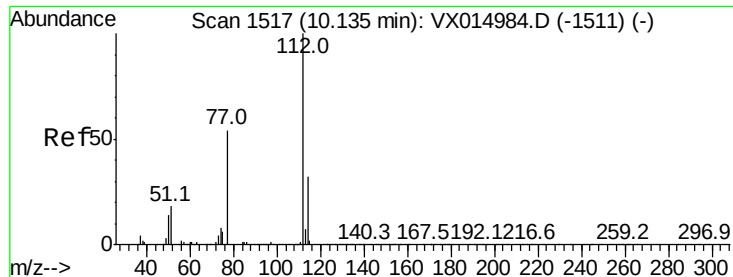
Tgt Ion: 98 Resp: 313114

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2





#64

Chlorobenzene

Concen: 20.118 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampled :

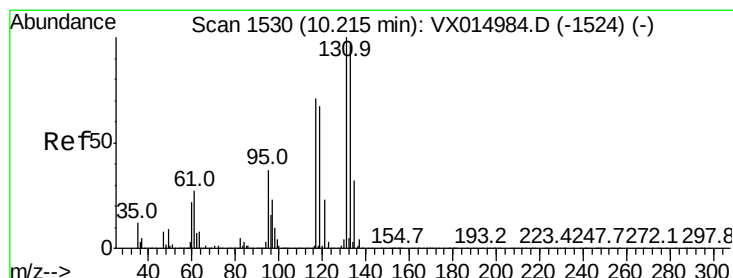
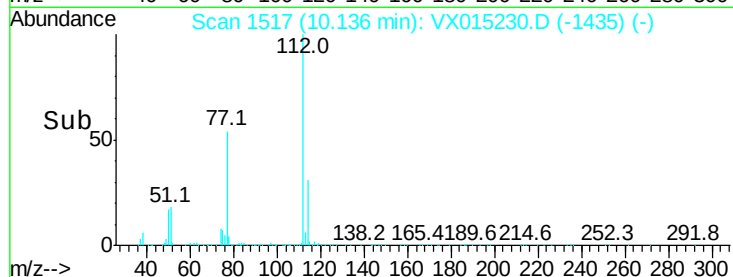
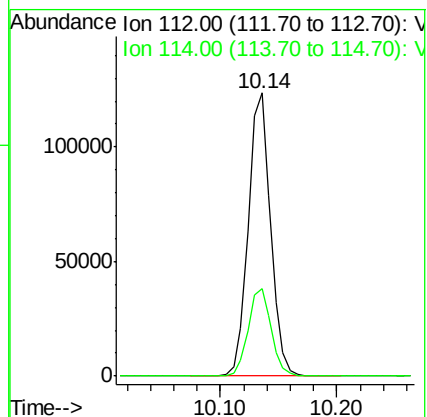
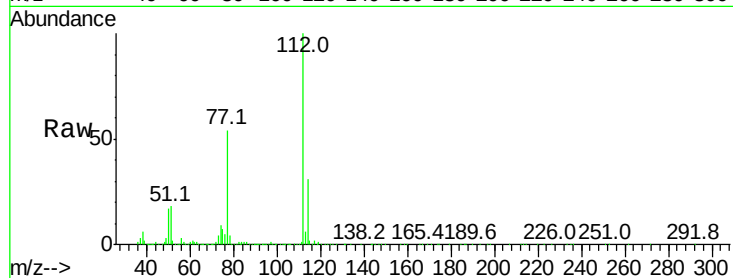
VSTDICCC020

Tgt Ion:112 Resp: 165893

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.000 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

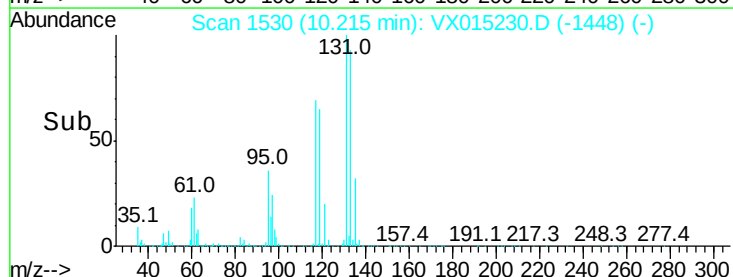
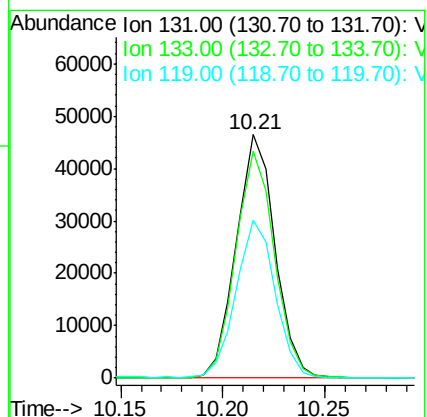
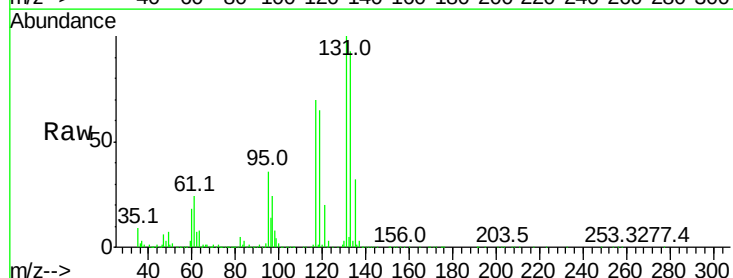
Tgt Ion:131 Resp: 61089

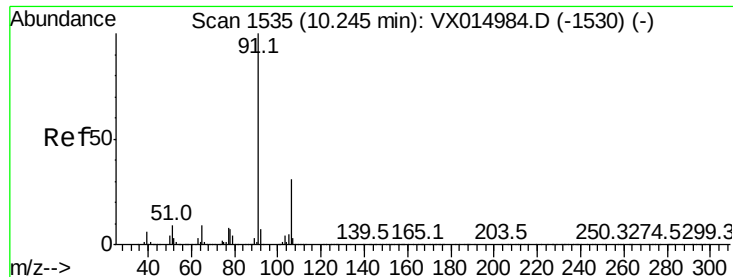
Ion Ratio Lower Upper

131 100

133 94.0 0.0 191.4

119 65.5 0.0 132.0

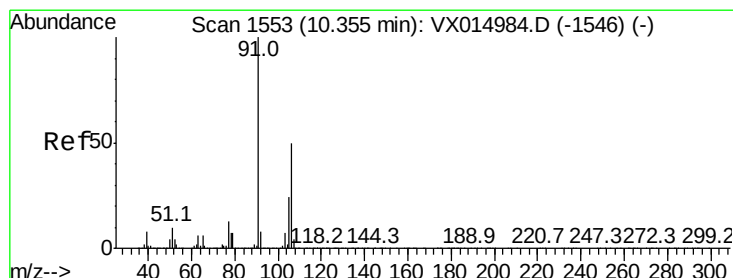
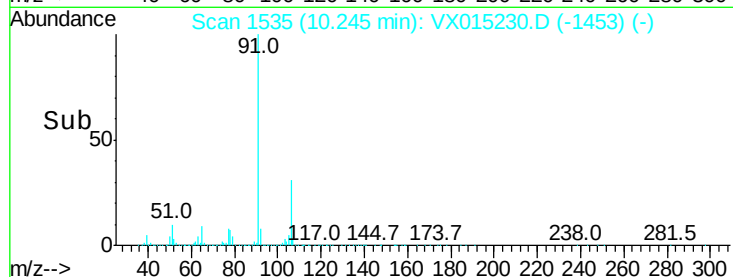
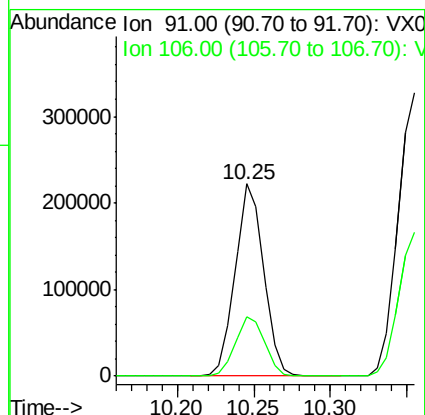
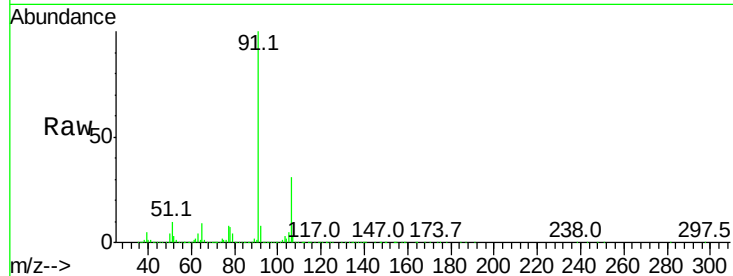




#66
Ethyl Benzene
Concen: 20.151 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

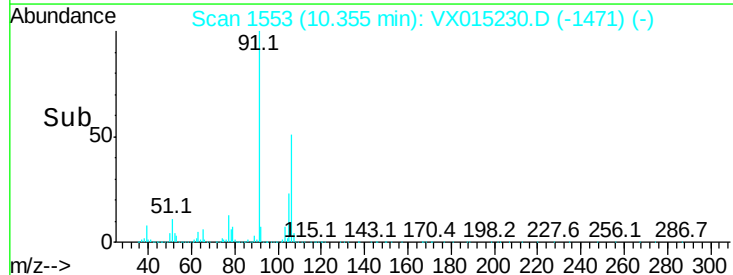
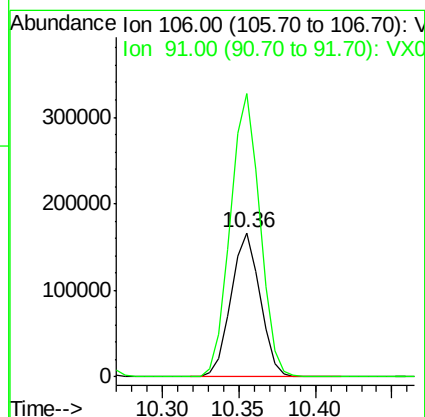
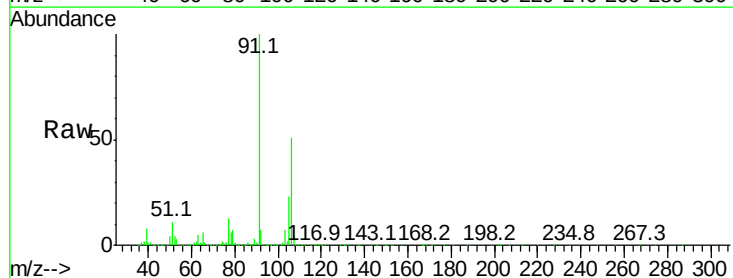
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

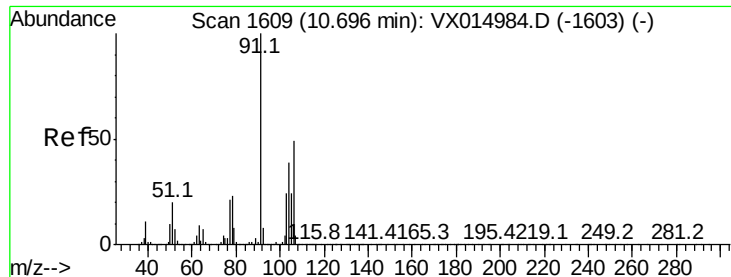
Tgt Ion: 91 Resp: 286778
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#67
m/p-Xylenes
Concen: 40.020 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion: 106 Resp: 219617
Ion Ratio Lower Upper
106 100
91 200.1 160.4 240.6

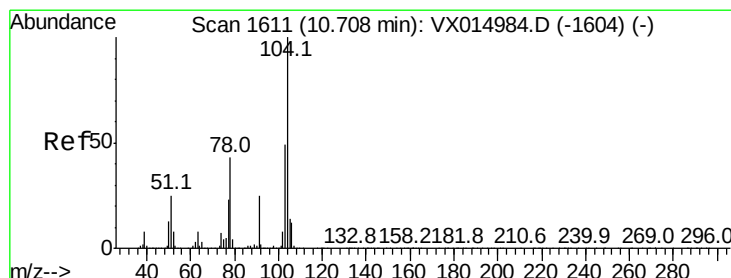
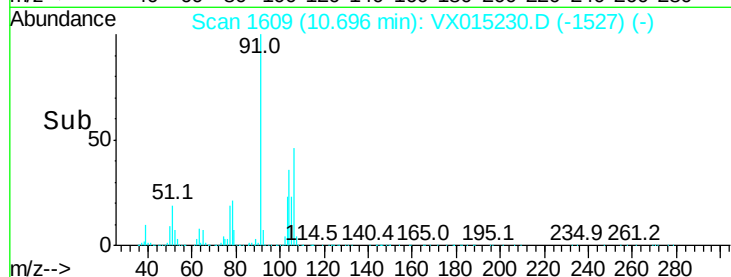
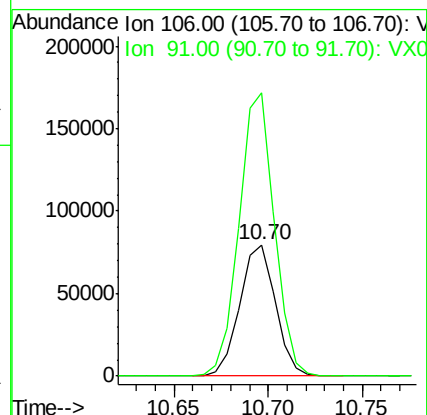
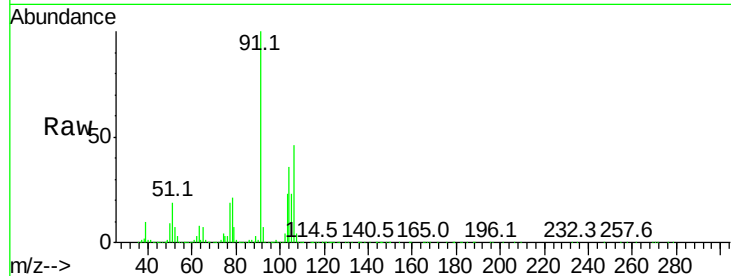




#68
o-Xylene
Concen: 19.662 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

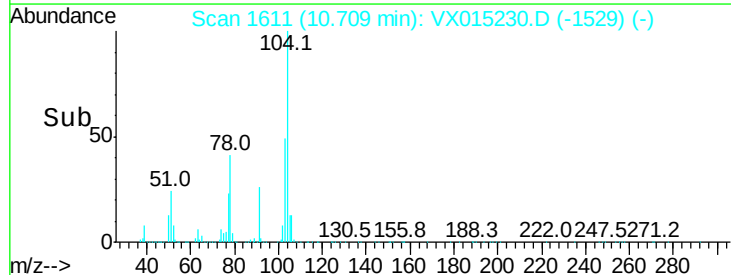
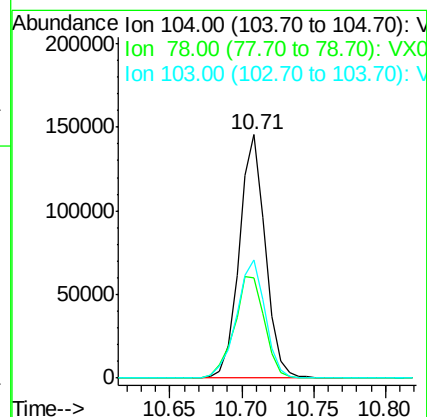
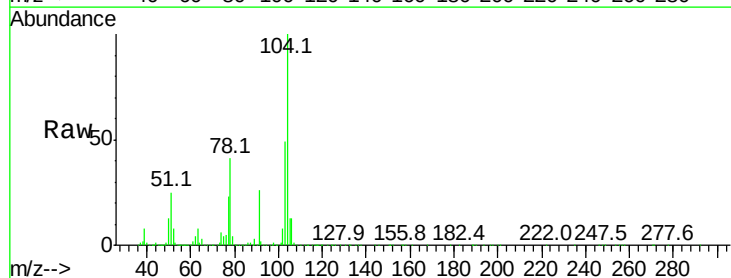
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

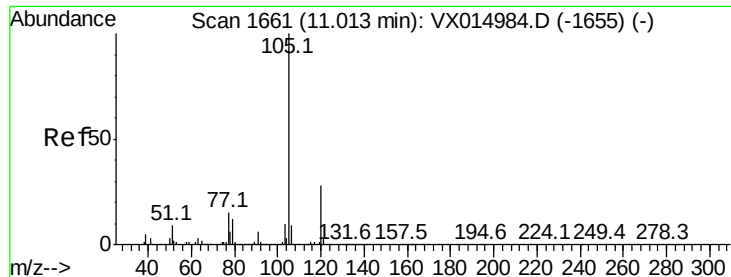
Tgt Ion:106 Resp: 104402
Ion Ratio Lower Upper
106 100
91 212.8 105.3 315.9



#69
Styrene
Concen: 20.207 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015230.D
Acq: 12 Mar 2020 12:16

Tgt Ion:104 Resp: 183251
Ion Ratio Lower Upper
104 100
78 48.6 39.4 59.2
103 54.0 42.9 64.3





#70

Isopropylbenzene

Concen: 20.103 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

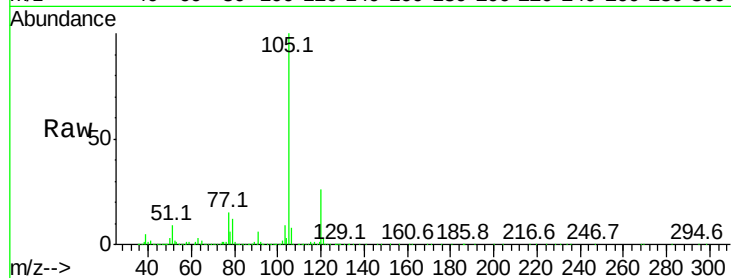
VSTDICCC020

Tgt Ion:105 Resp: 283535

Ion Ratio Lower Upper

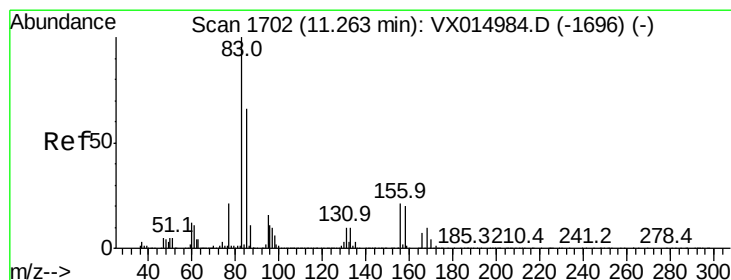
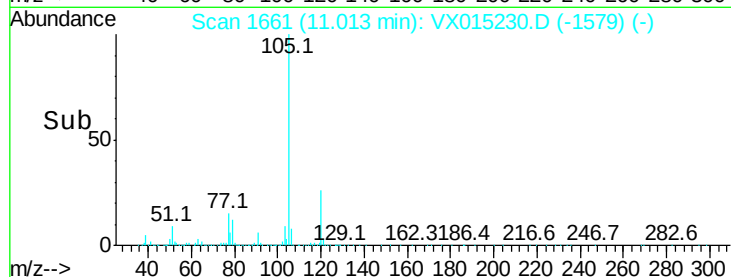
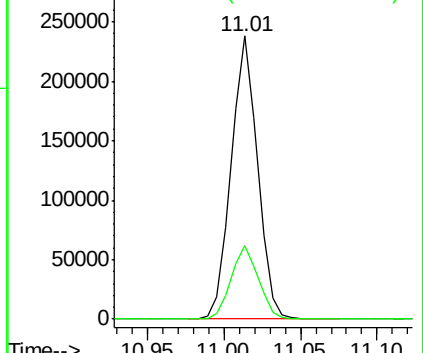
105 100

120 26.6 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 19.900 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

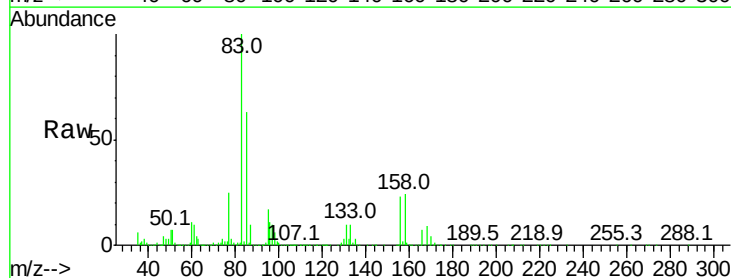
Tgt Ion: 83 Resp: 90369

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

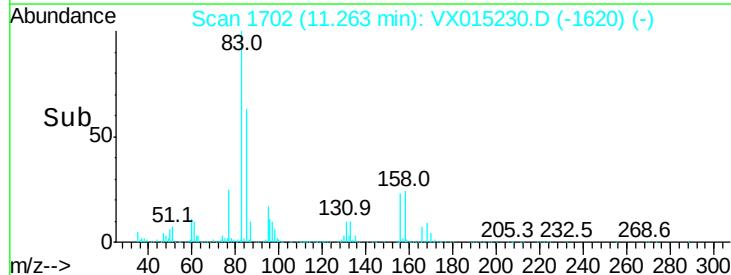
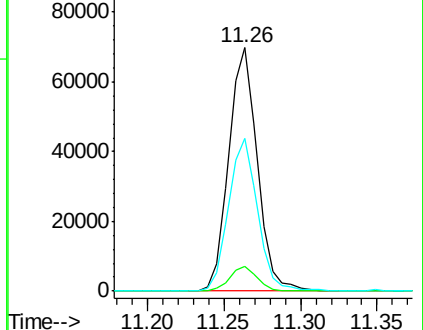
85 63.6 32.2 96.6

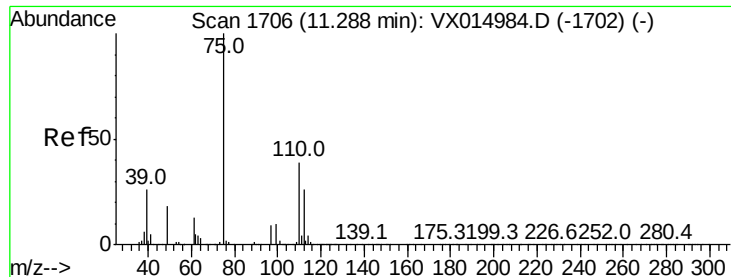


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 27.864 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

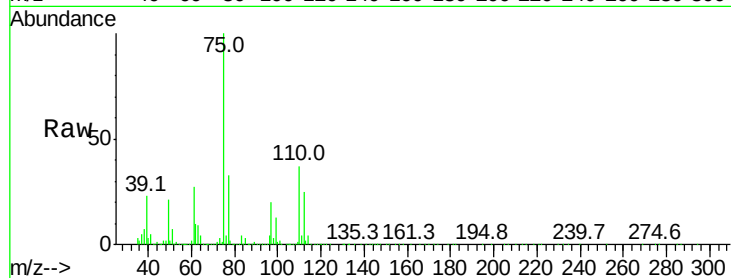
VSTDICCC020

Tgt Ion: 75 Resp: 104961

Ion Ratio Lower Upper

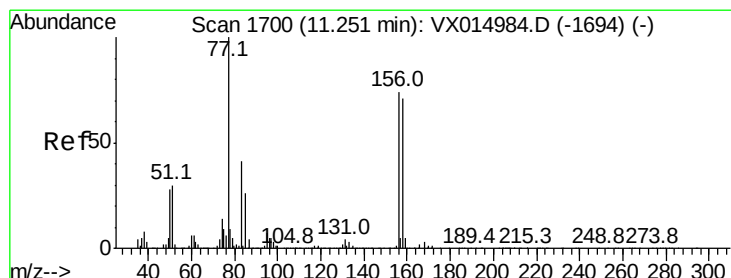
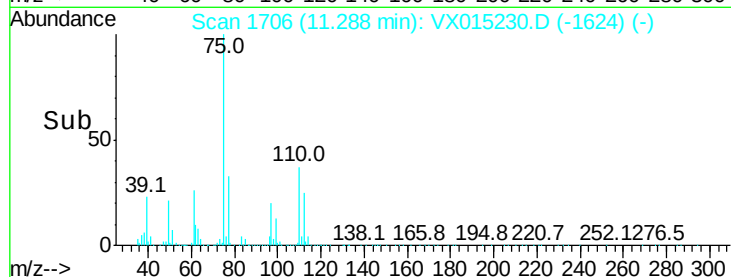
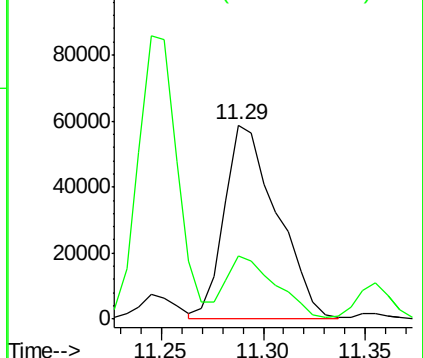
75 100

77 30.1 0.0 75.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 19.818 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

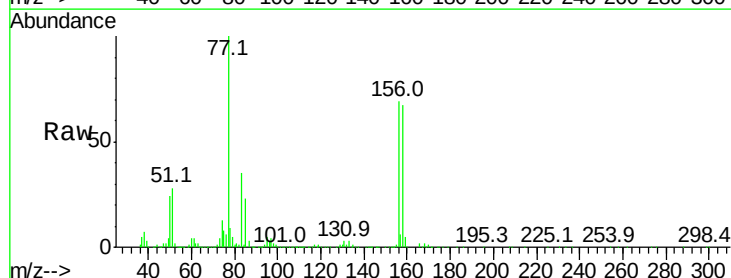
Tgt Ion: 156 Resp: 75526

Ion Ratio Lower Upper

156 100

77 152.5 0.0 286.8

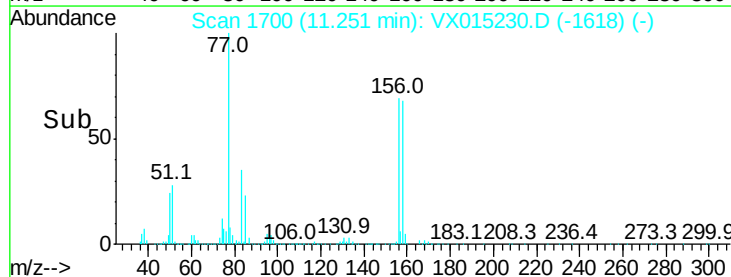
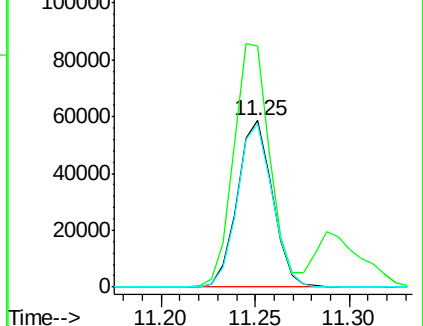
158 98.6 0.0 191.8

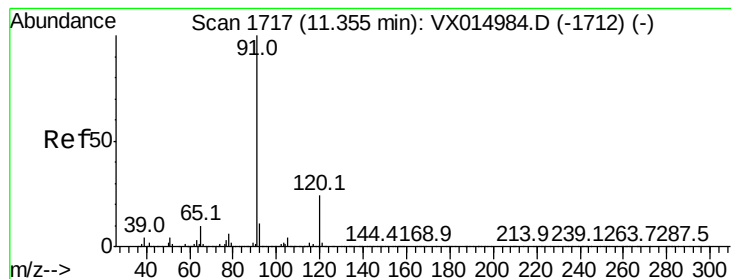


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 20.166 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

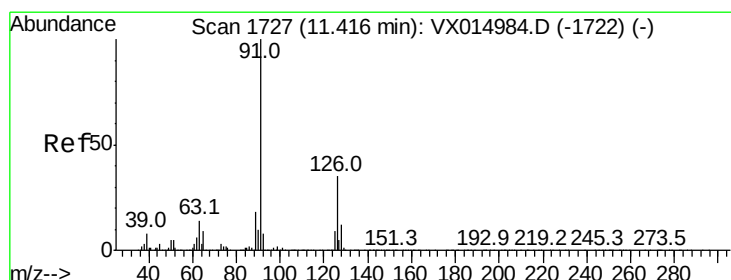
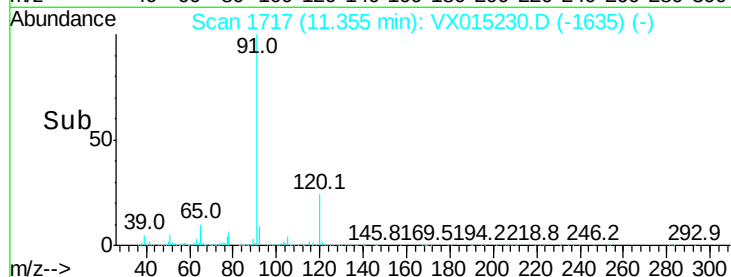
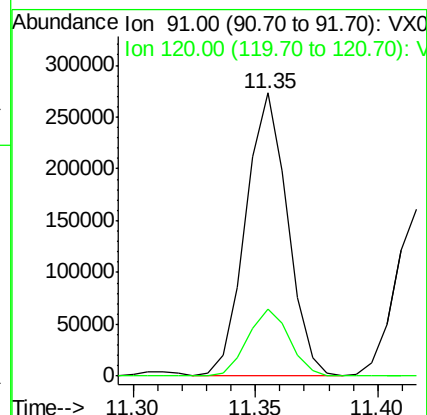
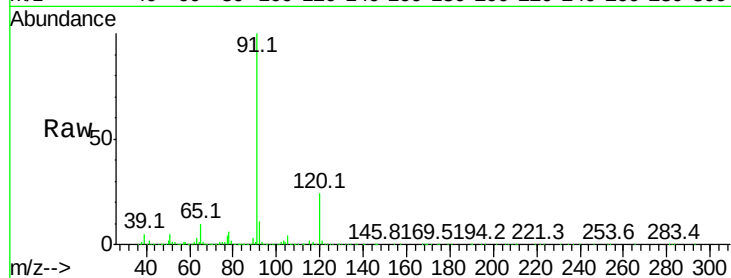
VSTDICCC020

Tgt Ion: 91 Resp: 323724

Ion Ratio Lower Upper

91 100

120 23.5 0.0 47.0



#75

2-Chlorotoluene

Concen: 20.084 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015230.D

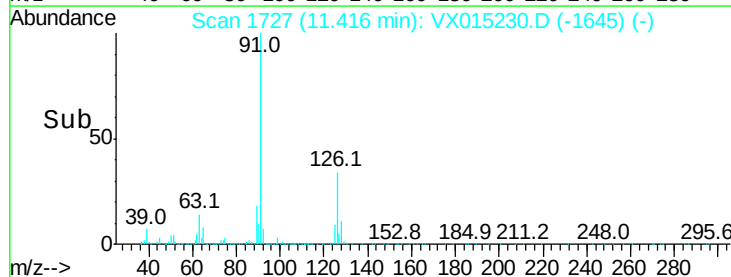
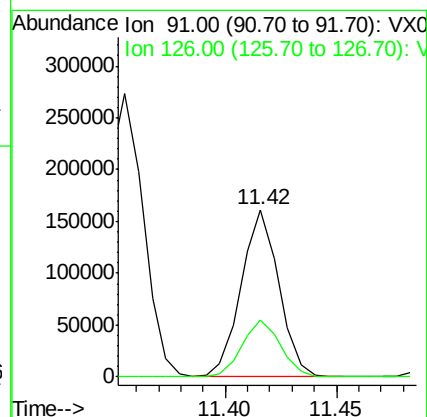
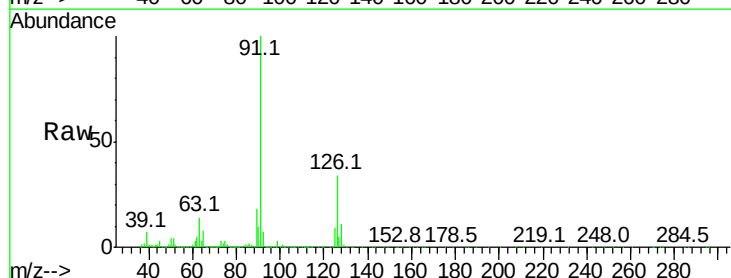
Acq: 12 Mar 2020 12:16

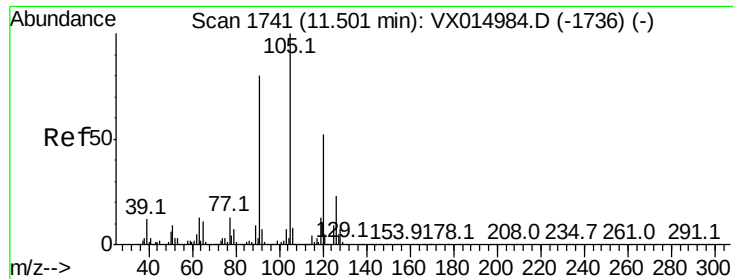
Tgt Ion: 91 Resp: 190525

Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.0

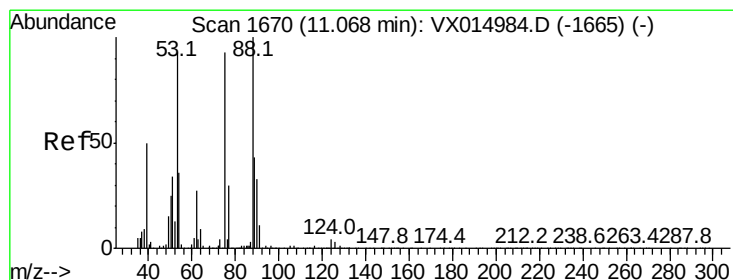
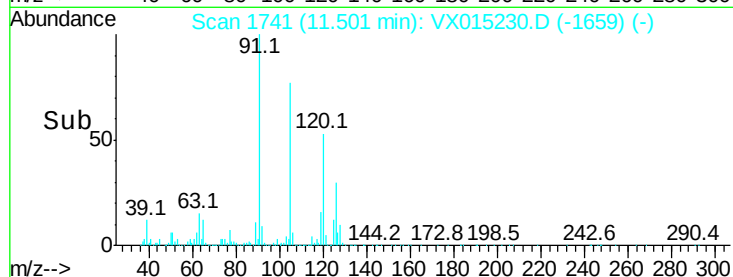
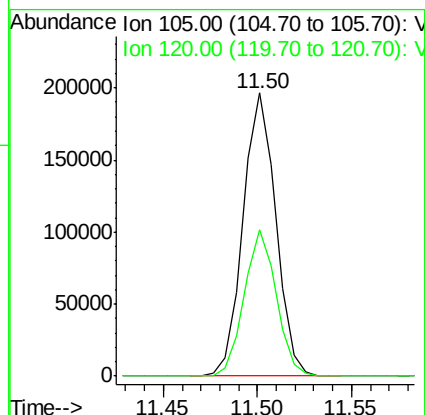
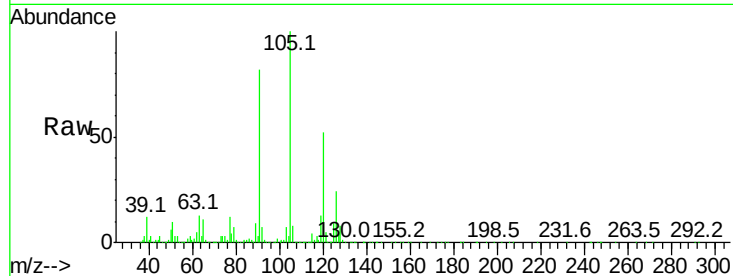




#76
 1,3,5-Trimethylbenzene
 Concen: 19.976 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

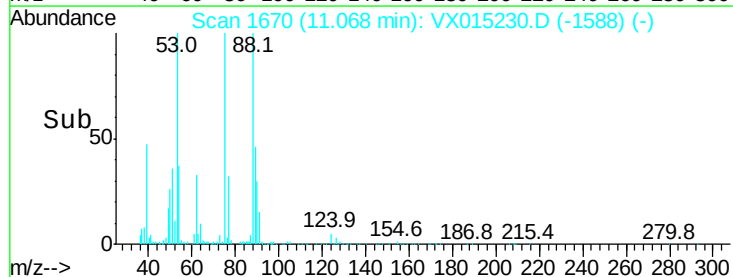
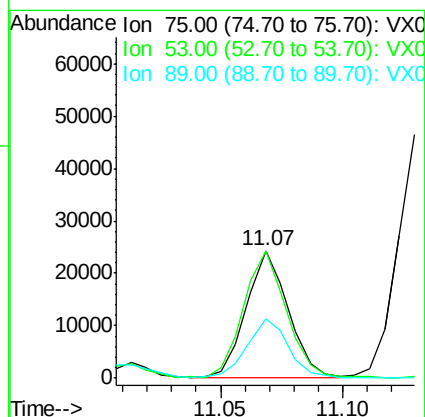
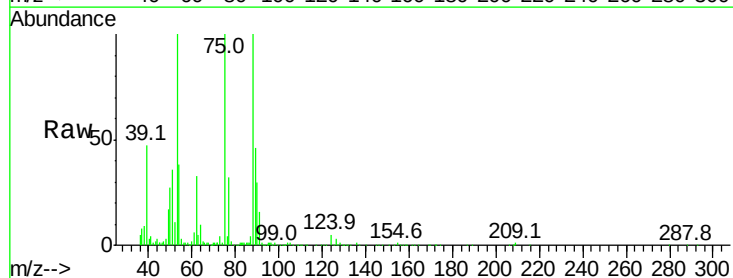
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

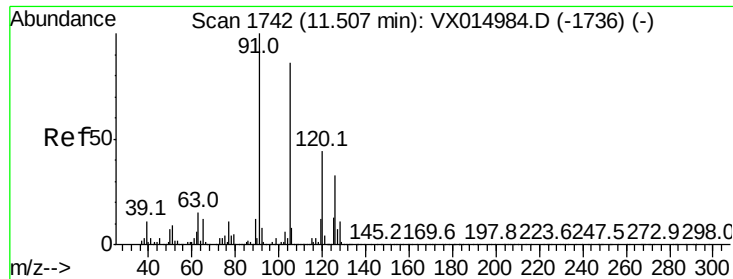
Tgt Ion: 105 Resp: 236121
 Ion Ratio Lower Upper
 105 100
 120 50.6 0.0 101.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 18.978 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Tgt Ion: 75 Resp: 28827
 Ion Ratio Lower Upper
 75 100
 53 98.9 50.0 149.8
 89 45.9 23.5 70.5





#78

4-Chlorotoluene

Concen: 20.176 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

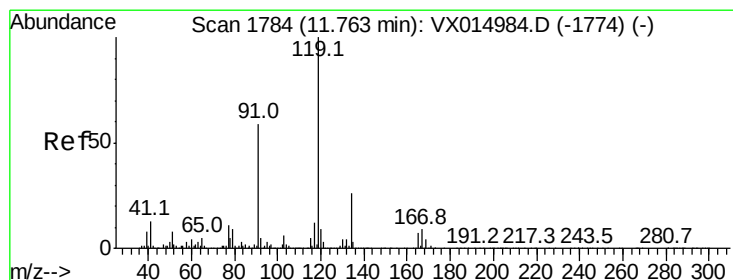
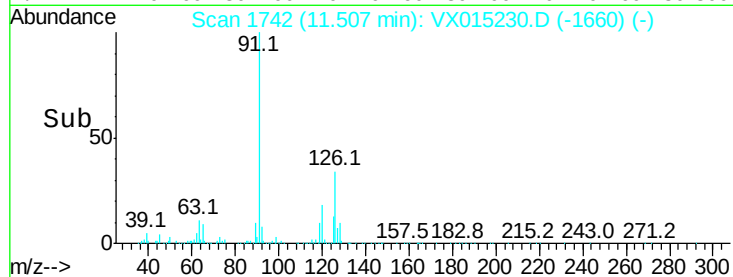
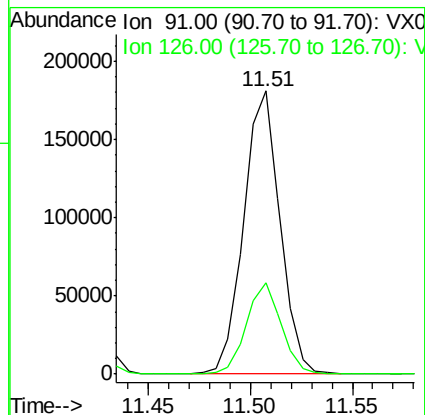
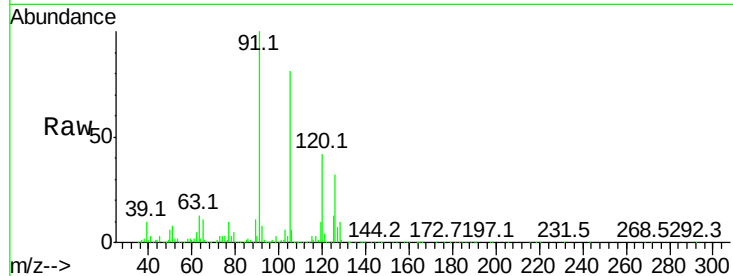
VSTDICCC020

Tgt Ion: 91 Resp: 221394

Ion Ratio Lower Upper

91 100

126 30.7 0.0 62.0



#79

tert-butylbenzene

Concen: 18.305 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

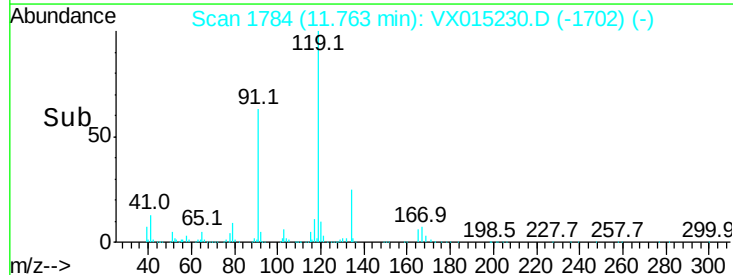
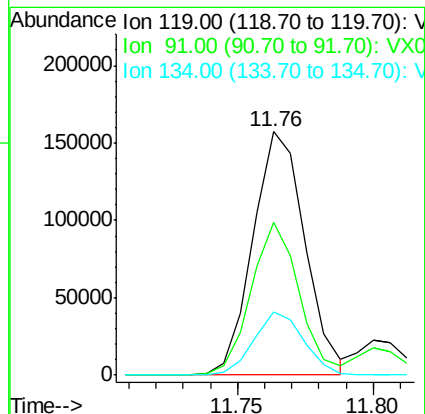
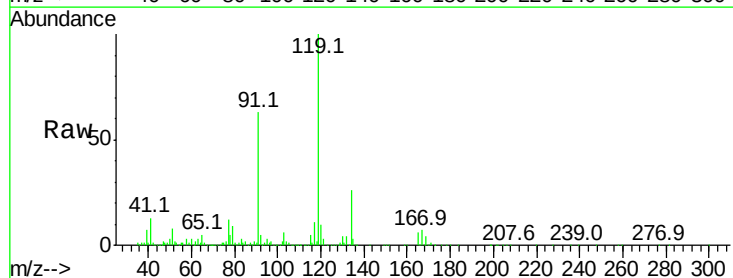
Tgt Ion: 119 Resp: 209044

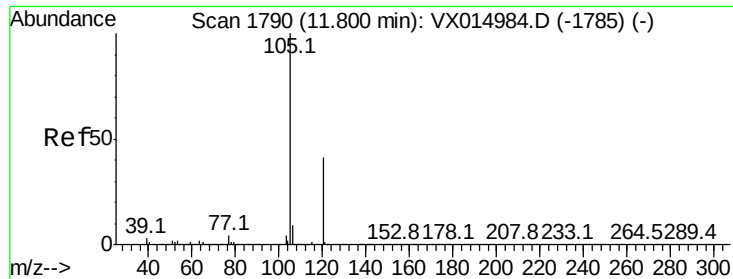
Ion Ratio Lower Upper

119 100

91 57.7 0.0 114.4

134 24.7 0.0 48.8

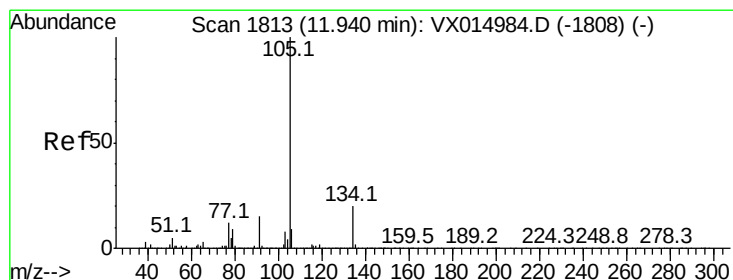
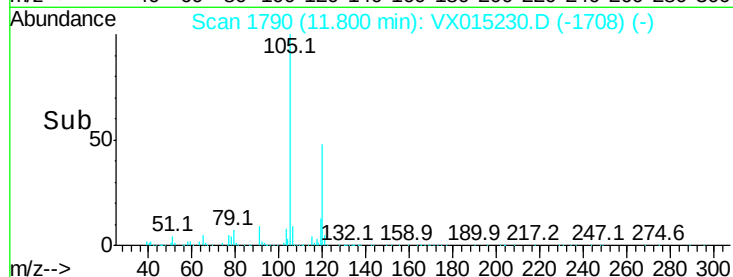
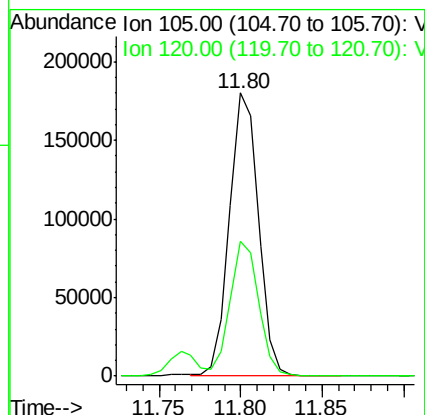
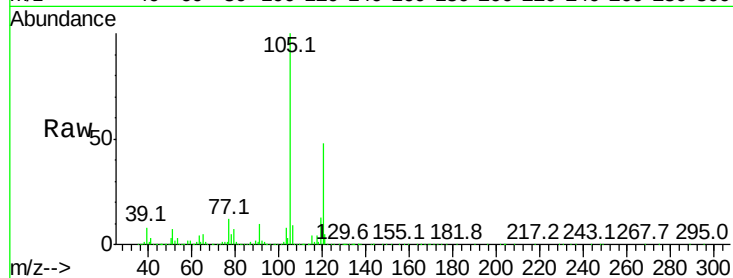




#80
 1,2,4-Trimethylbenzene
 Concen: 18.986 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

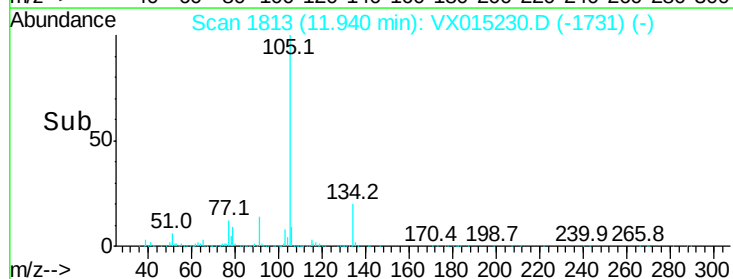
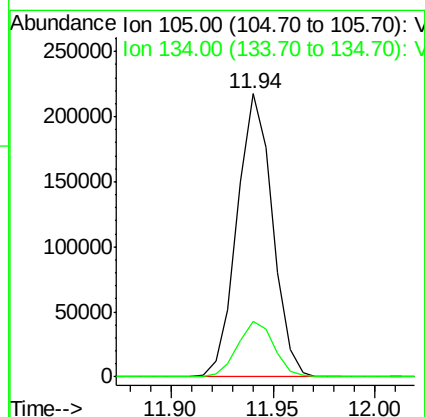
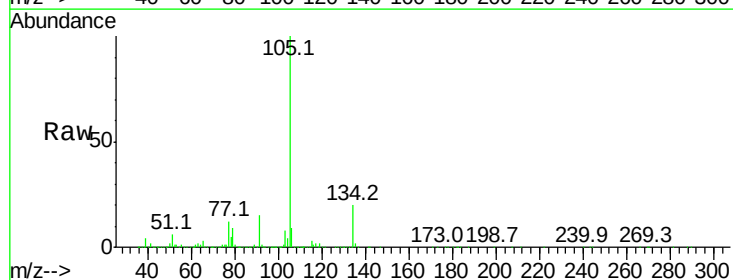
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

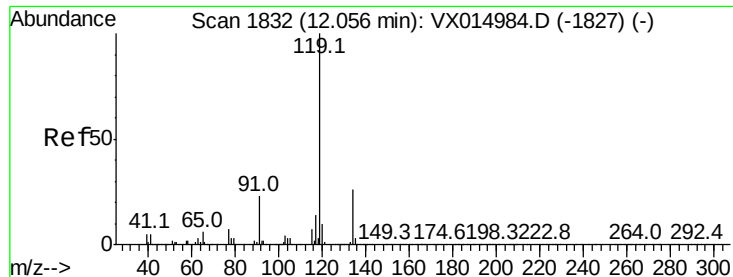
Tgt Ion:105 Resp: 223113
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 93.4



#81
 sec-Butylbenzene
 Concen: 19.041 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Tgt Ion:105 Resp: 260409
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8

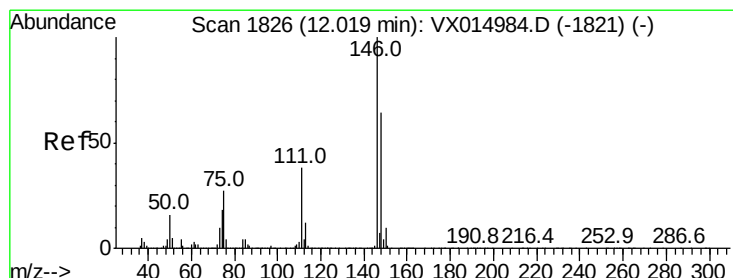
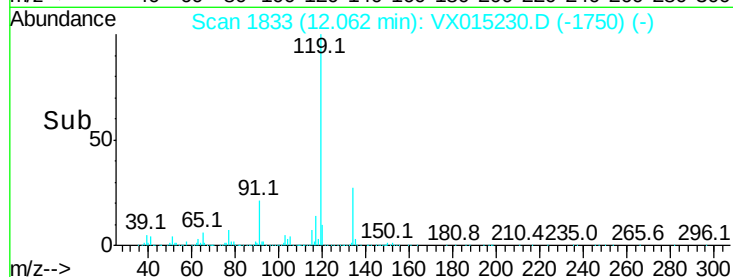
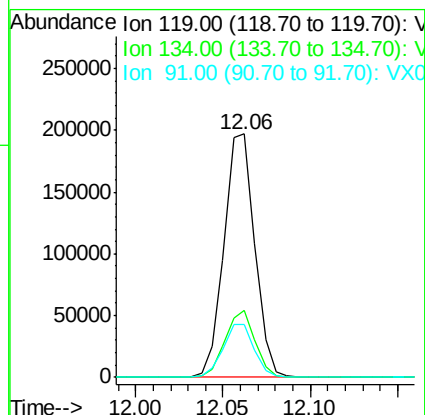
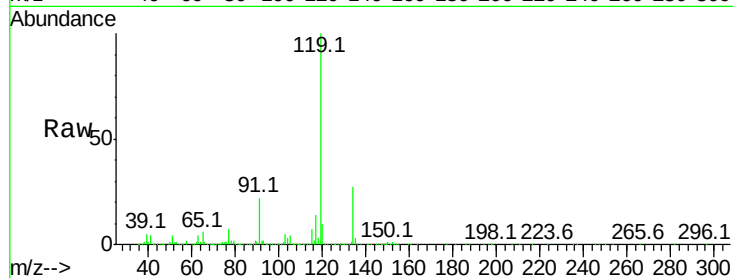




#82
 p-Isopropyltoluene
 Concen: 18.998 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

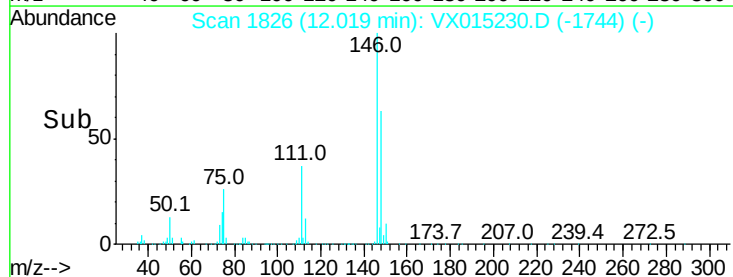
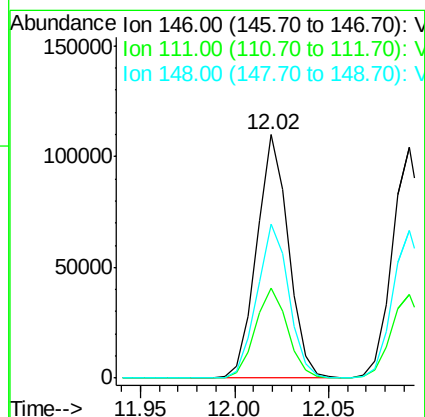
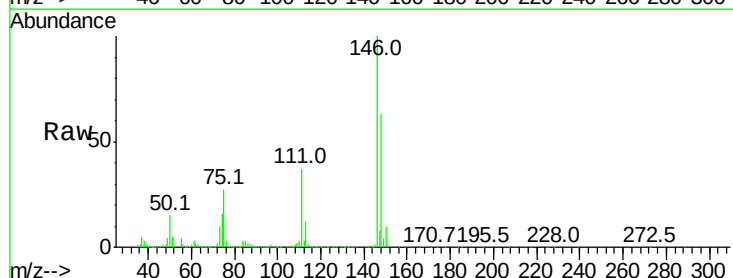
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

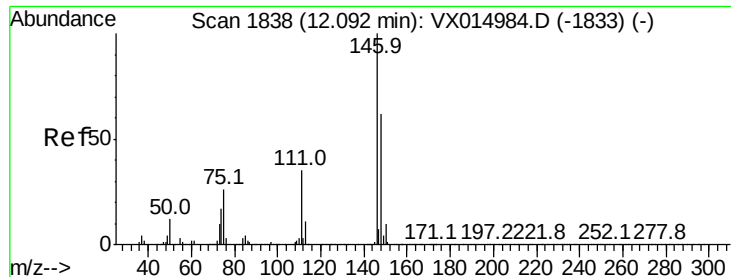
Tgt Ion:119 Resp: 241382
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.2
 91 21.8 0.0 44.6



#83
 1,3-Dichlorobenzene
 Concen: 19.177 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015230.D
 Acq: 12 Mar 2020 12:16

Tgt Ion:146 Resp: 128117
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.9
 148 63.8 32.3 96.9





#84

1,4-Dichlorobenzene

Concen: 18.828 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

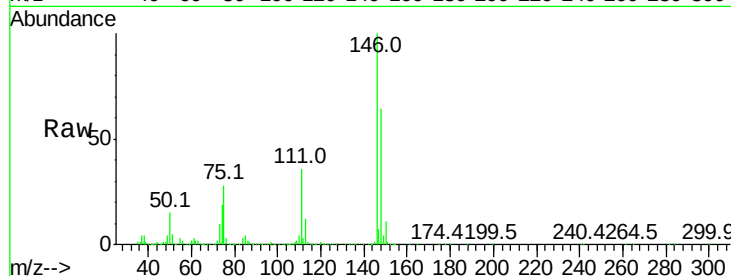
Tgt Ion: 146 Resp: 126668

Ion Ratio Lower Upper

146 100

111 36.7 17.8 53.5

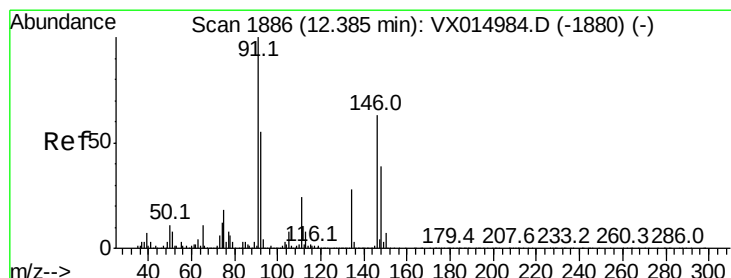
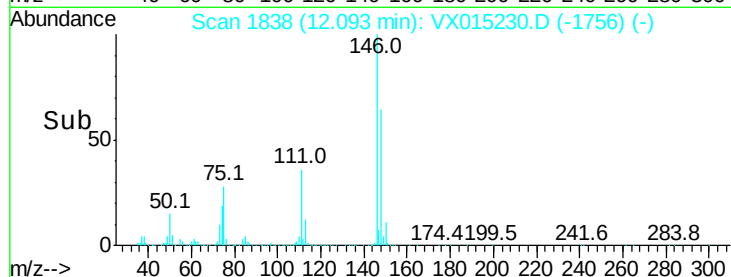
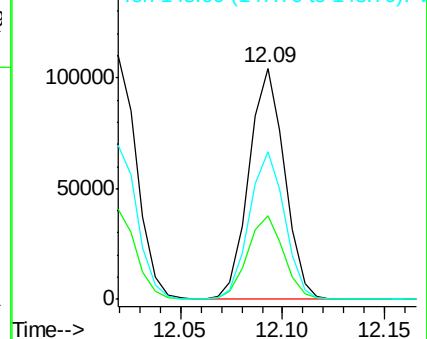
148 63.9 31.4 94.2



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: 18.993 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015230.D

Acq: 12 Mar 2020 12:16

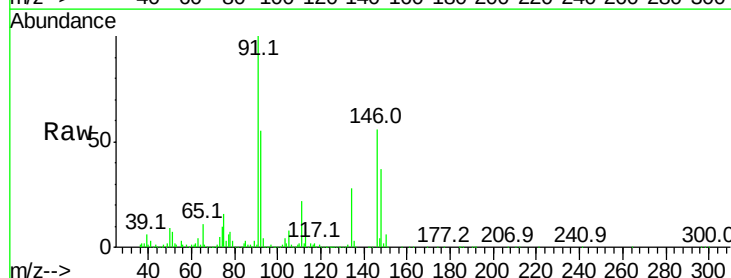
Tgt Ion: 91 Resp: 209987

Ion Ratio Lower Upper

91 100

92 54.7 0.0 109.8

134 26.5 0.0 54.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

