

Data File : VX015232.D
Acq On : 12 Mar 2020 13:01
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Mar 12 14:00:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	49043	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	275117	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	259727	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	98458	28.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.23%
60) 4-Bromofluorobenzene	11.13	95	125033	30.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.03%
63) Toluene-d8	8.71	98	333769	29.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.23%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	231655	105.777	ug/l	99
3) Chloromethane	1.32	50	332895	117.556	ug/l	99
4) Vinyl Chloride	1.40	62	346043	113.542	ug/l	99
5) Bromomethane	1.63	94	222639	104.317	ug/l	96
6) Chloroethane	1.72	64	217837	106.702	ug/l	98
7) Trichlorofluoromethane	1.92	101	441535	99.543	ug/l	96
8) Diethyl Ether	2.18	74	195471	104.758	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	265936	103.701	ug/l	99
10) 1,1-Dichloroethene	2.37	96	271777	105.417	ug/l	100
11) Methyl Iodide	2.50	142	336498	107.418	ug/l	97
12) Methyl Acetate	2.76	43	343657	107.120	ug/l	100
13) Acrolein	2.28	56	253770	397.733	ug/l	98
14) Acrylonitrile	3.13	53	796343	549.640	ug/l	100
15) Acetone	2.43	58	211643	408.181	ug/l	97
16) Carbon Disulfide	2.56	76	787452	113.599	ug/l	99
17) Allyl chloride	2.72	41	525529	117.183	ug/l	99
18) Methylene Chloride	2.85	84	308106	103.724	ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	301485	106.466	ug/l	94
20) Diisopropyl ether	3.84	45	1033749	112.868	ug/l	96
21) 1,1-Dichloroethane	3.69	63	541617	107.877	ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	341447	105.369	ug/l	97
23) tert-Butyl Alcohol	3.03	59	307218	534.921	ug/l	# 100
24) Methyl tert-Butyl Ether	3.19	73	908071	105.868	ug/l	100
25) Chloroform	5.20	83	519844	102.675	ug/l	100
26) Cyclohexane	5.58	56	514178	114.586	ug/l	# 100
29) 1,1-Dichloropropene	5.79	75	410916	105.597	ug/l	99
30) 2-Butanone	4.65	43	1098856	489.226	ug/l	100
31) 2,2-Dichloropropane	4.58	77	431842	101.064	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	445426	100.796	ug/l	99
33) Carbon Tetrachloride	5.78	117	389275	100.630	ug/l	97
34) Benzene	6.14	78	1247356	106.230	ug/l	99
35) Methacrylonitrile	5.03	41	249360	108.833	ug/l	99
36) 1,2-Dichloroethane	6.19	62	404030	97.210	ug/l	100
37) Trichloroethene	7.20	130	344408	104.467	ug/l	96
38) Methylcyclohexane	7.46	83	512154	106.181	ug/l	99
39) 1,2-Dichloropropane	7.51	63	328511	108.691	ug/l	97
40) Dibromomethane	7.65	93	204799	101.476	ug/l	98

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VSTDICC100

Quant Time: Mar 12 14:00:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	418492	104.971	ug/l	96
42) Vinyl Acetate	3.80	43	4418553	558.895	ug/l	100
43) Ethyl Acetate	4.82	43	434382	106.883	ug/l	99
44) Isopropyl Acetate	6.43	43	722944	105.817	ug/l	99
45) 1,4-Dioxane	7.73	88	146749	2324.599	ug/l	98
46) Methyl methacrylate	7.76	41	368282	108.962	ug/l	97
47) n-amyl Acetate	10.89	43	674526	113.966	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	477608	107.979	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	527101	108.244	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	307954	102.418	ug/l	96
51) Ethyl methacrylate	9.17	69	507143	109.279	ug/l	98
52) 1,3-Dichloropropane	9.37	76	525821	103.374	ug/l	100
53) Dibromochloromethane	9.58	129	341762	105.129	ug/l	96
54) 1,2-Dibromoethane	9.67	107	324865	101.763	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	1280859	518.128	ug/l	100
56) Bromoform	10.85	173	269199	105.635	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	2176048	511.217	ug/l	100
59) 2-Hexanone	9.49	43	1637300	492.298	ug/l	99
61) Tetrachloroethene	9.33	164	340248	97.535	ug/l	98
62) Toluene	8.78	91	1333680	100.251	ug/l	100
64) Chlorobenzene	10.14	112	846531	99.692	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	314050	99.847	ug/l	99
66) Ethyl Benzene	10.25	91	1512118	103.183	ug/l	100
67) m/p-Xylenes	10.36	106	1151114	203.702	ug/l	99
68) o-Xylene	10.70	106	554484	101.409	ug/l	97
69) Styrene	10.71	104	973062	104.200	ug/l	100
70) Isopropylbenzene	11.01	105	1465099	100.875	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	461563	98.702	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	551647	142.216	ug/l	83
73) Bromobenzene	11.25	156	393886	100.367	ug/l	98
74) n-propylbenzene	11.35	91	1722019	104.173	ug/l	99
75) 2-Chlorotoluene	11.42	91	994857	101.842	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1244804	102.267	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	172746	110.442	ug/l	91
78) 4-Chlorotoluene	11.51	91	1154975	102.214	ug/l	100
79) tert-butylbenzene	11.76	119	1176920	100.081	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1237600	102.271	ug/l	99
81) sec-Butylbenzene	11.94	105	1456350	103.412	ug/l	100
82) p-Isopropyltoluene	12.06	119	1357804	103.780	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	704312	102.378	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	711132	102.651	ug/l	100
85) n-Butylbenzene	12.39	91	1225313	107.623	ug/l	99
86) Hexachloroethane	12.59	117	245241	103.701	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	685210	100.093	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	101301	99.467	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	525201	106.684	ug/l	100
90) Hexachlorobutadiene	13.78	225	258344	105.667	ug/l	99
91) Naphthalene	13.83	128	1494871	107.256	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	511348	104.620	ug/l	100

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

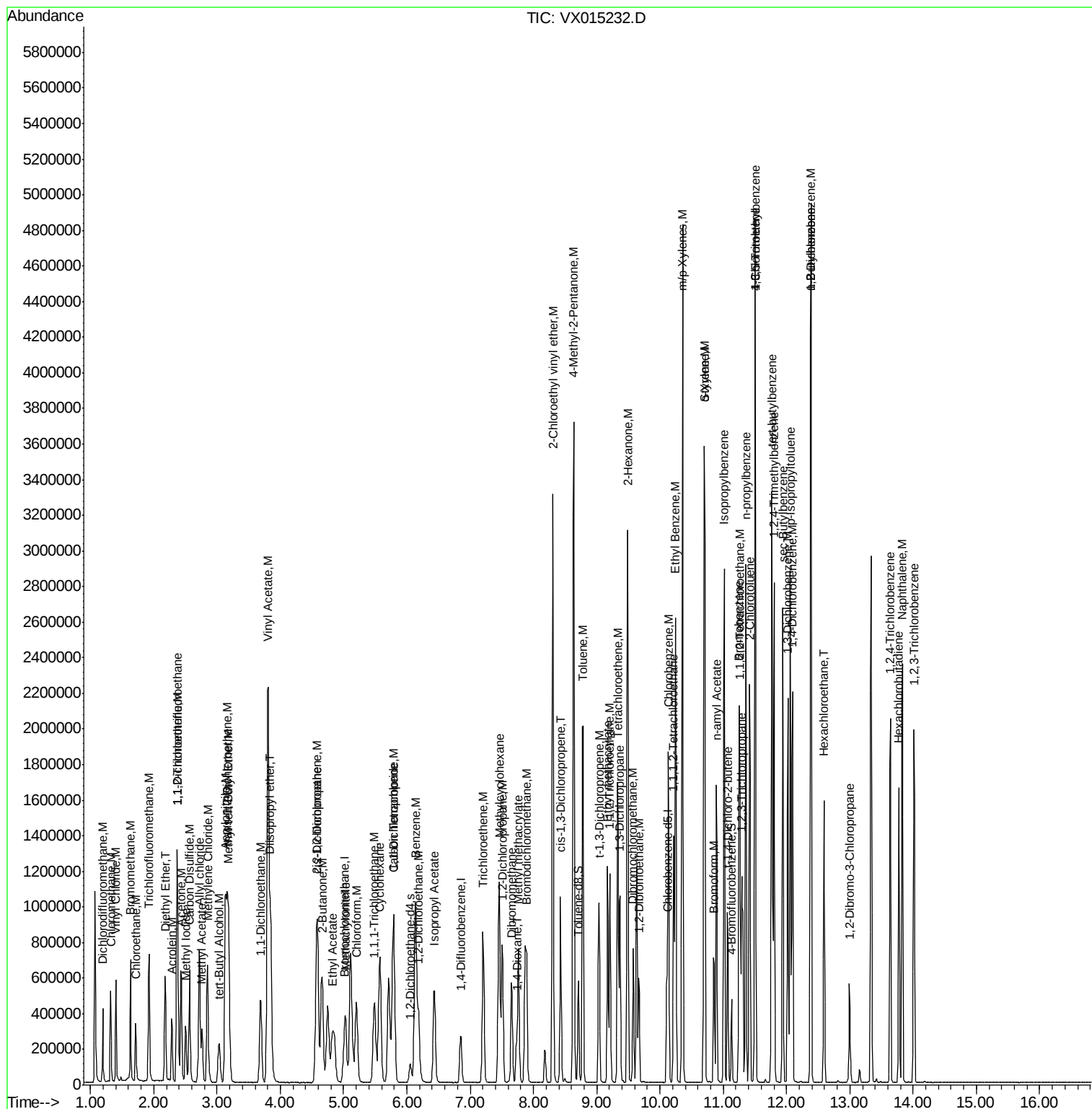
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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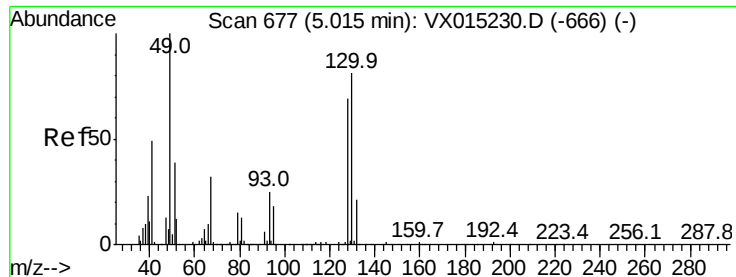
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX015232.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Mar 12 14:00:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 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: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

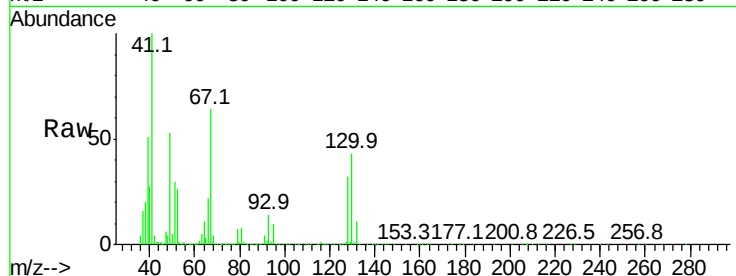
Tgt Ion:128 Resp: 49043

Ion Ratio Lower Upper

128 100

49 169.7 0.0 406.8

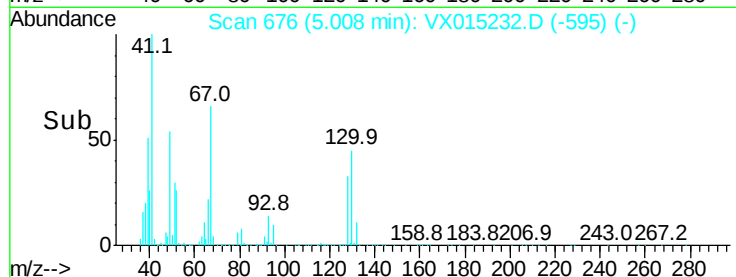
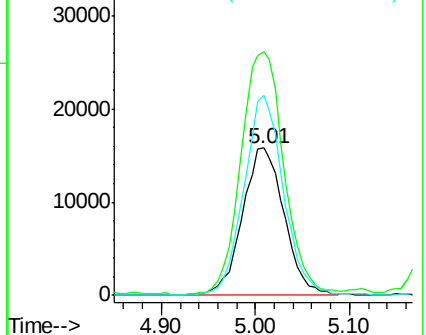
130 128.0 0.0 319.3



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: 105.777 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015232.D

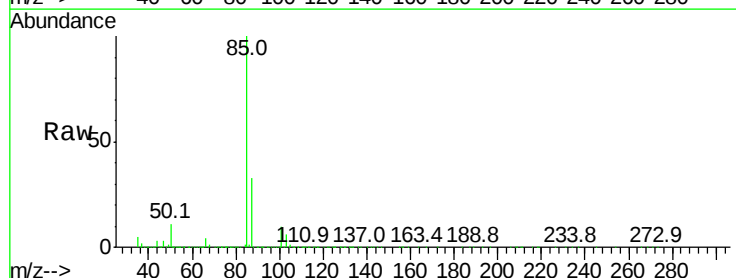
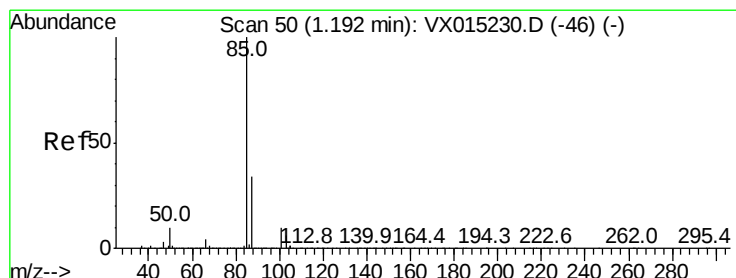
Acq: 12 Mar 2020 13:01

Tgt Ion: 85 Resp: 231655

Ion Ratio Lower Upper

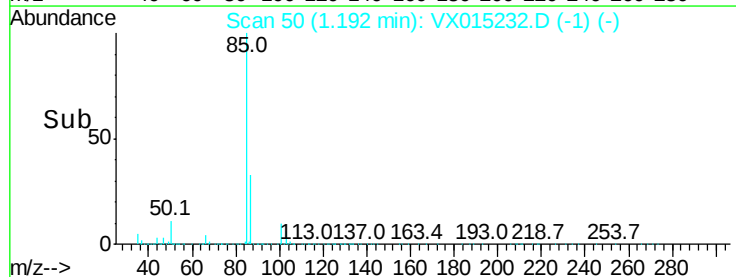
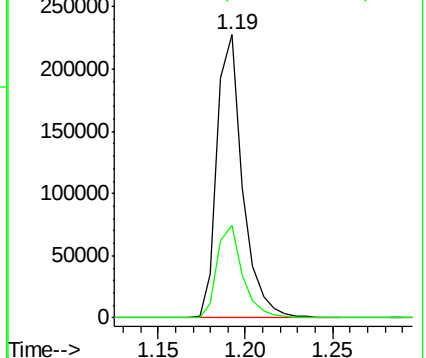
85 100

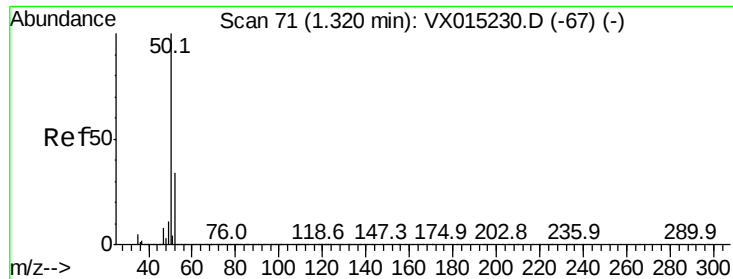
87 32.9 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

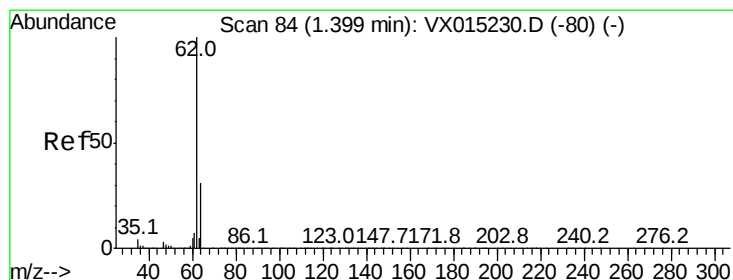
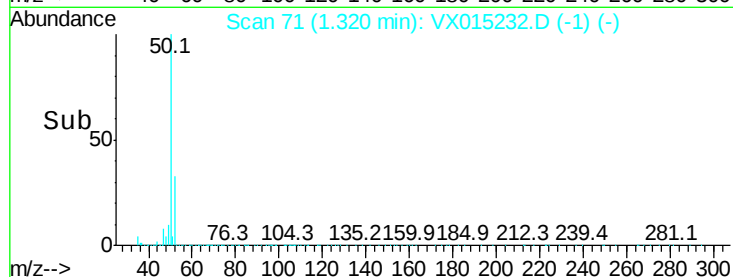
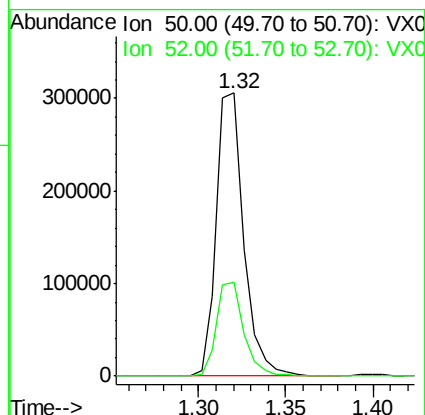
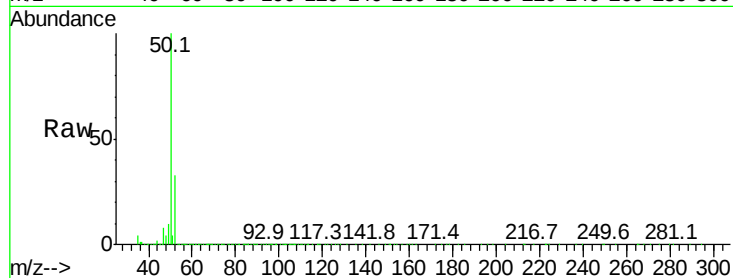




#3
Chloromethane
Concen: 117.556 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

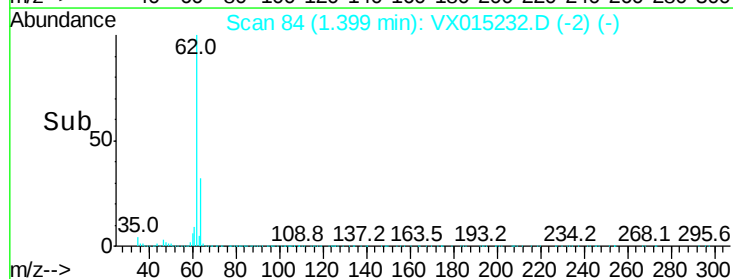
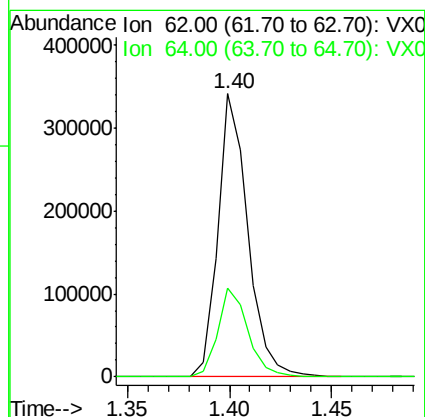
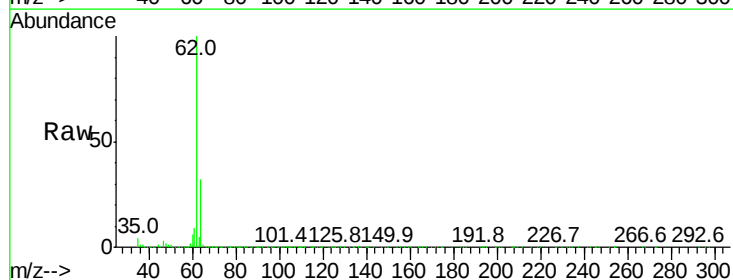
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

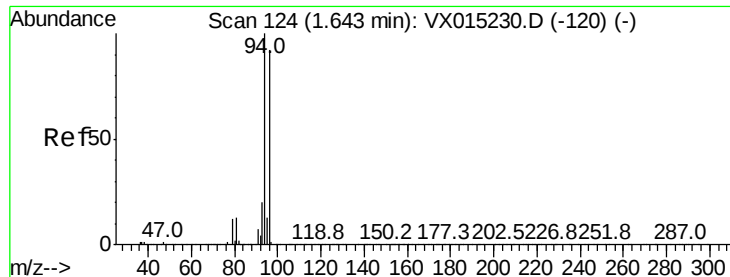
Tgt Ion: 50 Resp: 332895
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3



#4
Vinyl Chloride
Concen: 113.542 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 62 Resp: 346043
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5

Bromomethane

Concen: 104.317 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

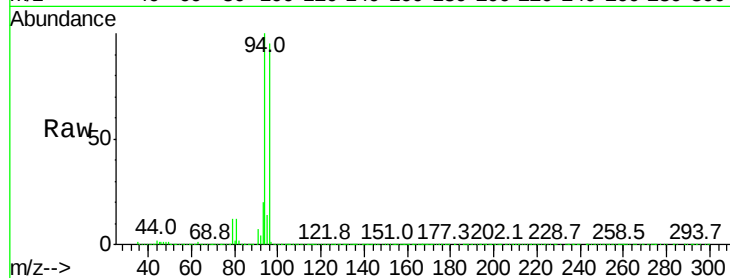
VSTDIC100

Tgt Ion: 94 Resp: 222639

Ion Ratio Lower Upper

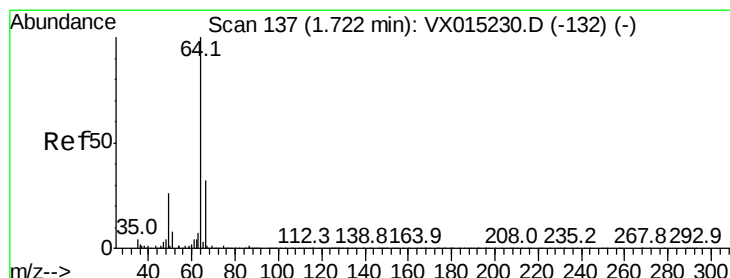
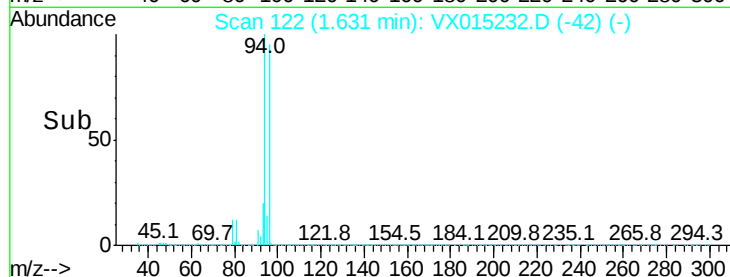
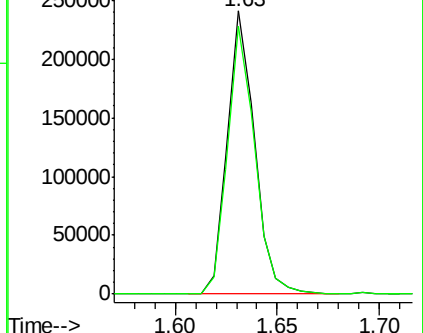
94 100

96 94.9 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: 106.702 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015232.D

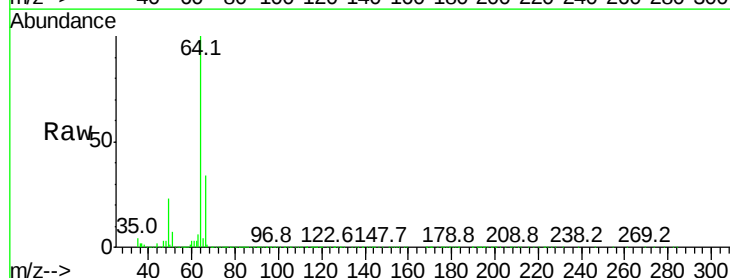
Acq: 12 Mar 2020 13:01

Tgt Ion: 64 Resp: 217837

Ion Ratio Lower Upper

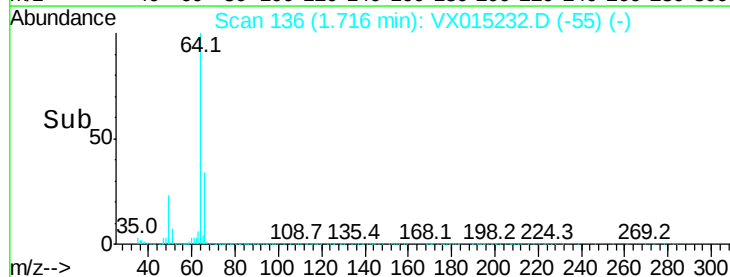
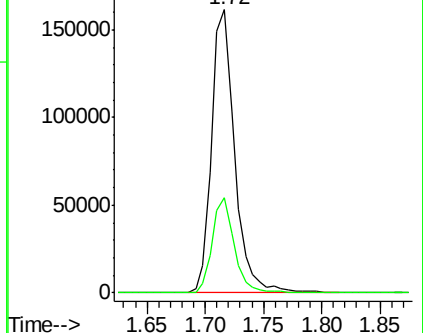
64 100

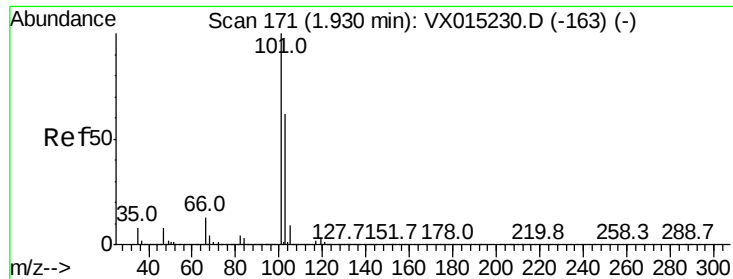
66 33.6 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



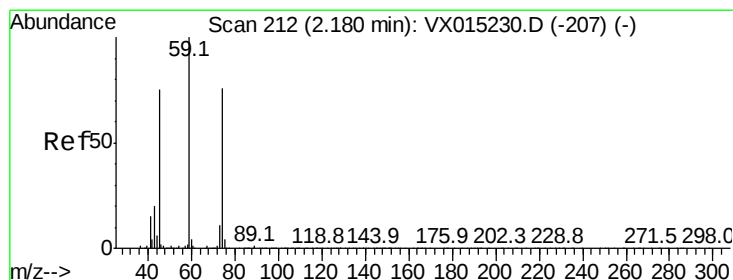
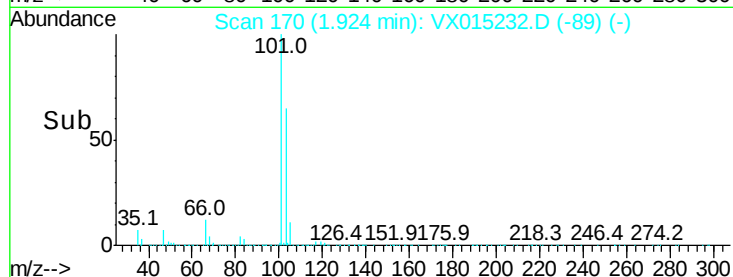
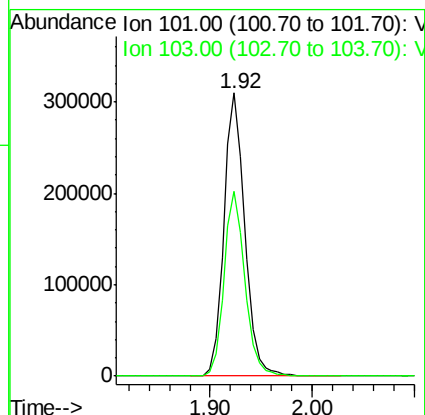
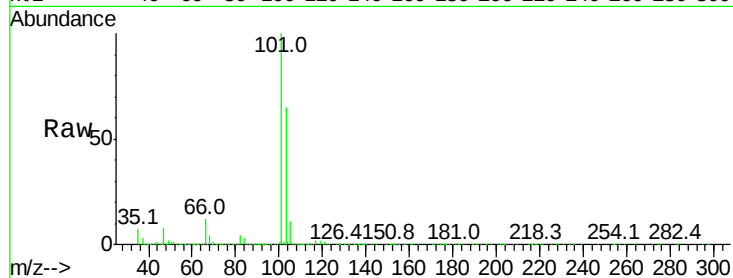


#7

Trichlorofluoromethane
Concen: 99.543 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

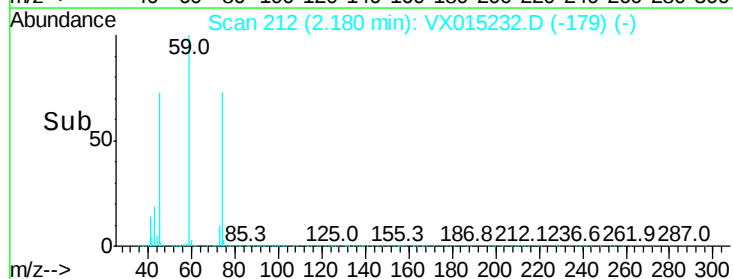
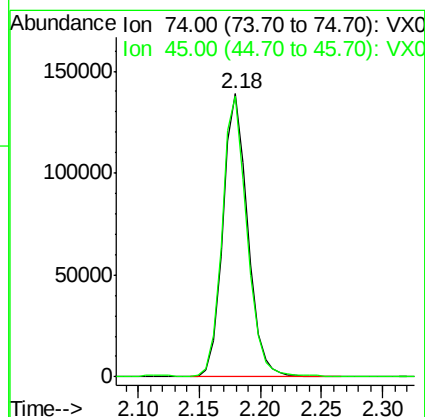
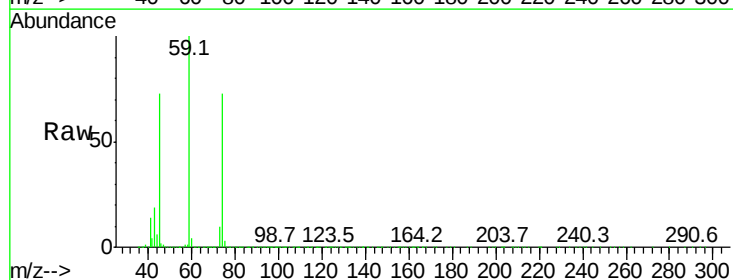
Tgt Ion: 101 Resp: 441535
Ion Ratio Lower Upper
101 100
103 65.2 49.9 74.9

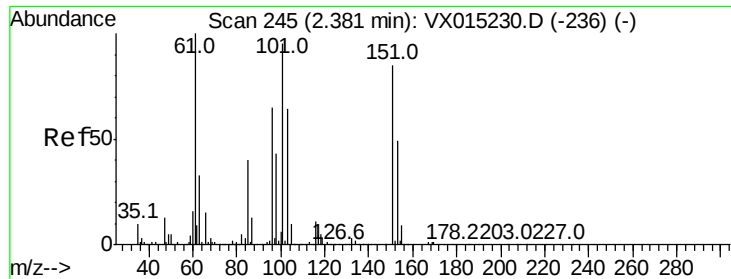


#8

Diethyl Ether
Concen: 104.758 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 74 Resp: 195471
Ion Ratio Lower Upper
74 100
45 98.7 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.701 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

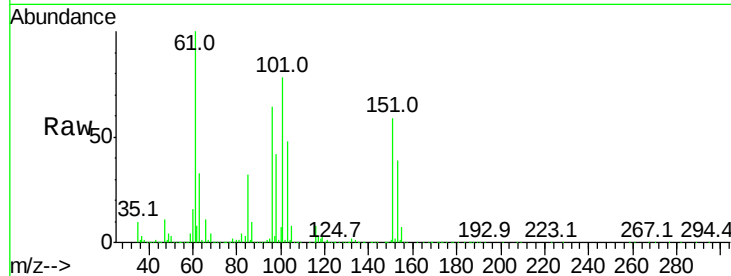
Tgt Ion: 101 Resp: 265936

Ion Ratio Lower Upper

101 100

85 41.5 0.0 82.0

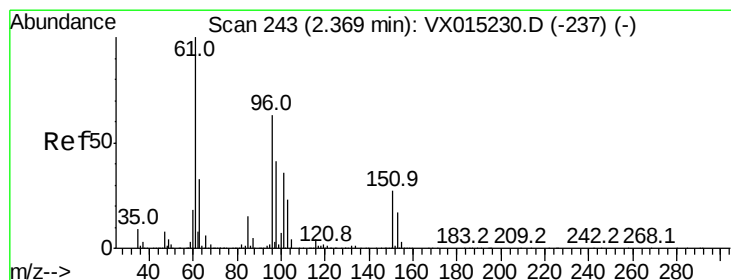
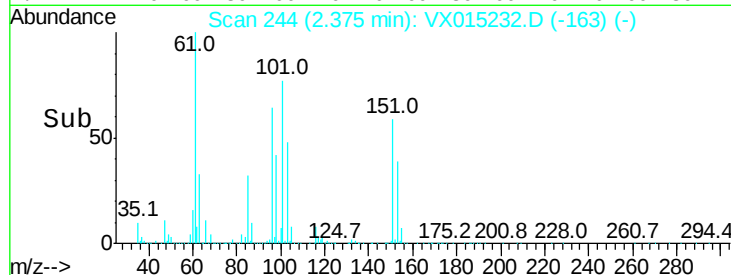
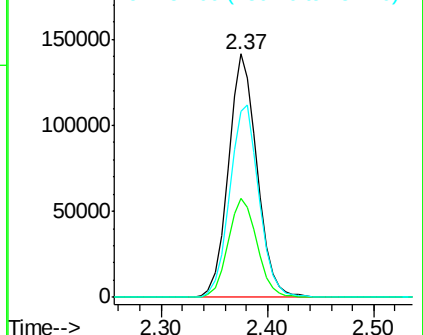
151 81.1 0.0 165.0



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: 105.417 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

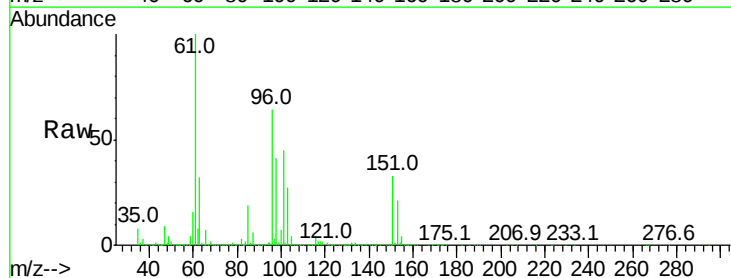
Tgt Ion: 96 Resp: 271777

Ion Ratio Lower Upper

96 100

61 157.1 126.2 189.2

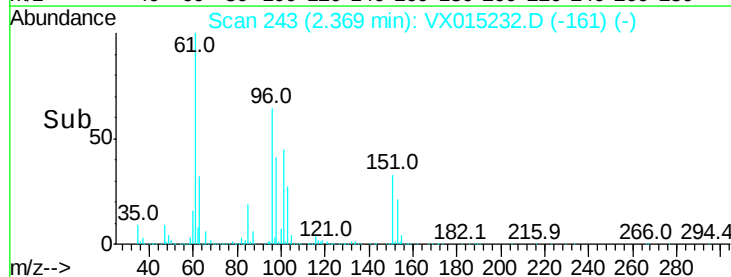
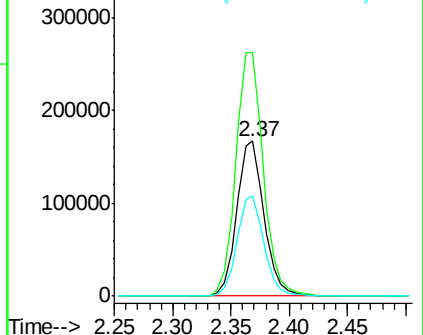
98 64.7 52.1 78.1

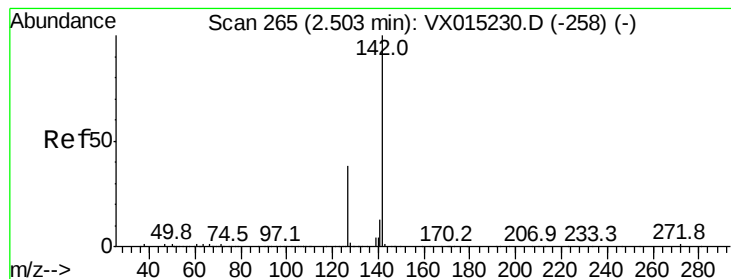


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 107.418 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

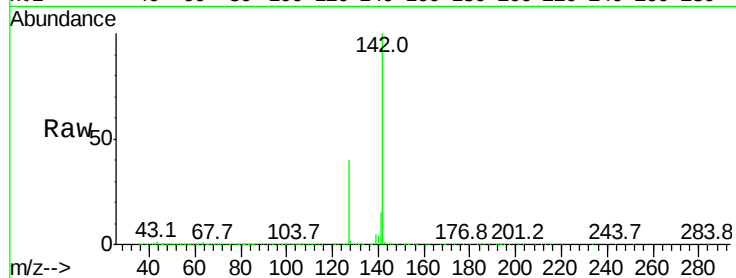
Tgt Ion:142 Resp: 336498

Ion Ratio Lower Upper

142 100

127 39.4 18.9 56.9

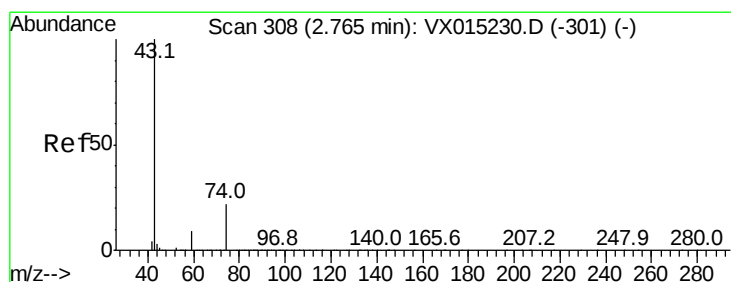
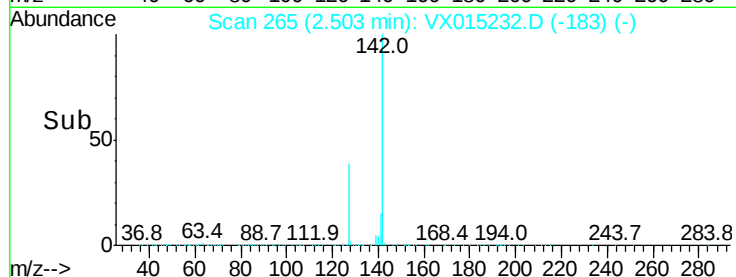
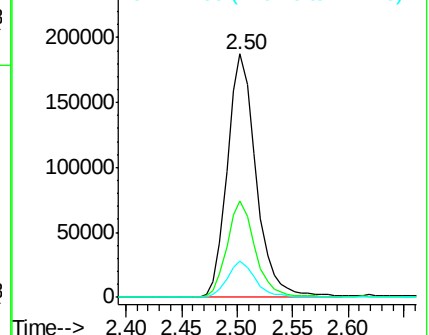
141 14.6 6.6 19.7



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: 107.120 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015232.D

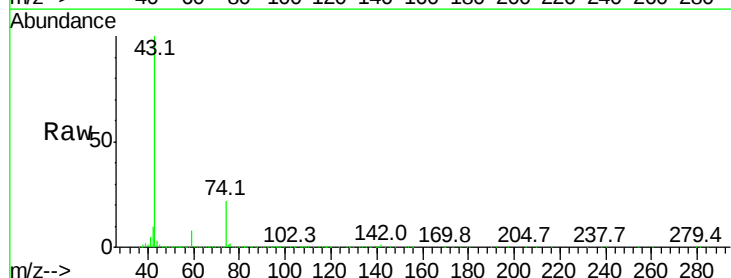
Acq: 12 Mar 2020 13:01

Tgt Ion: 43 Resp: 343657

Ion Ratio Lower Upper

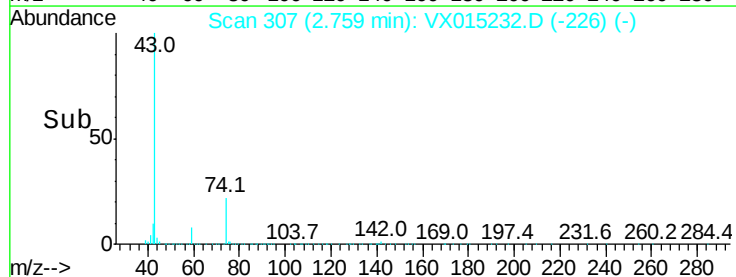
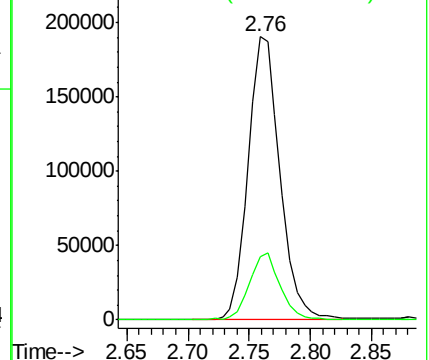
43 100

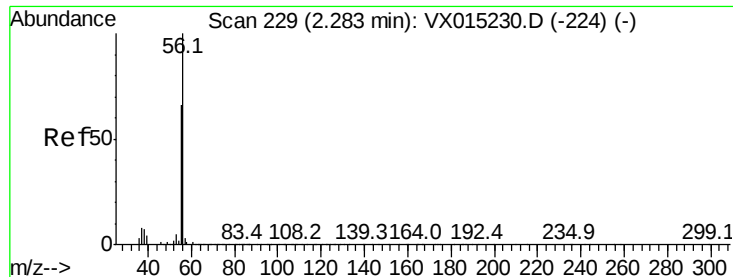
74 22.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 397.733 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

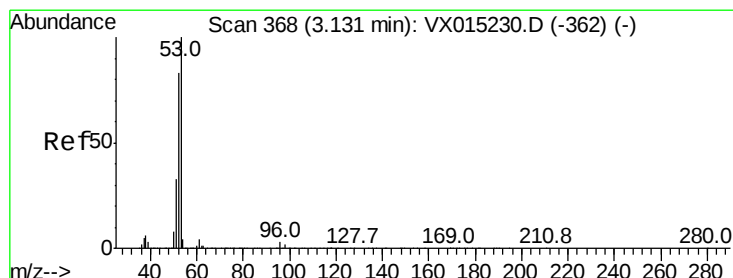
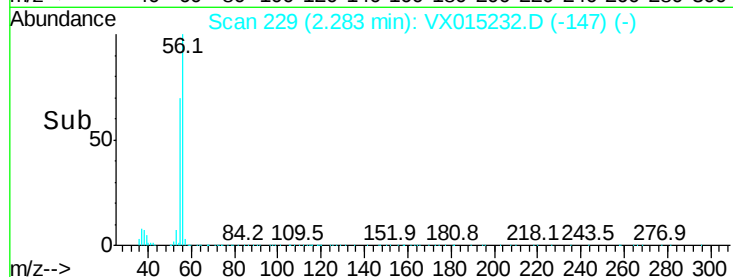
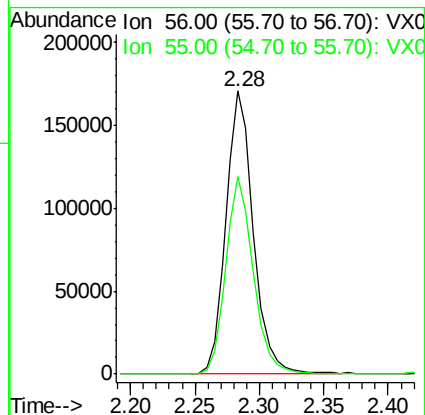
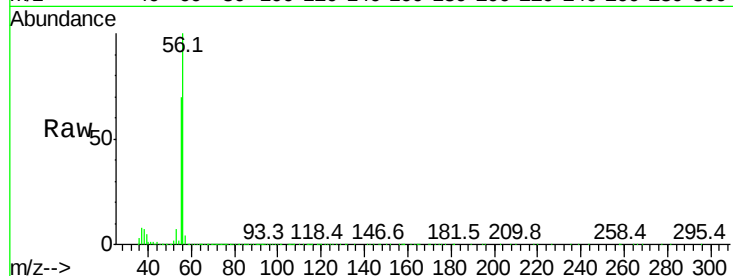
VSTDIC100

Tgt Ion: 56 Resp: 253770

Ion Ratio Lower Upper

56 100

55 70.3 55.1 82.7



#14

Acrylonitrile

Concen: 549.640 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

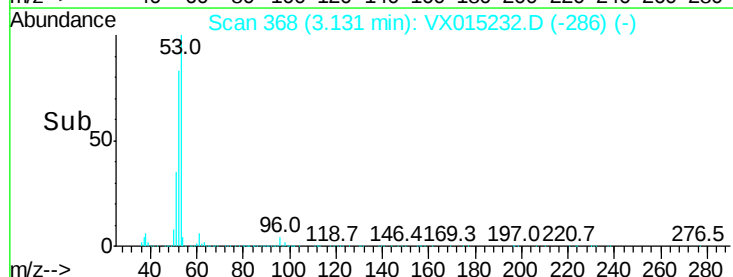
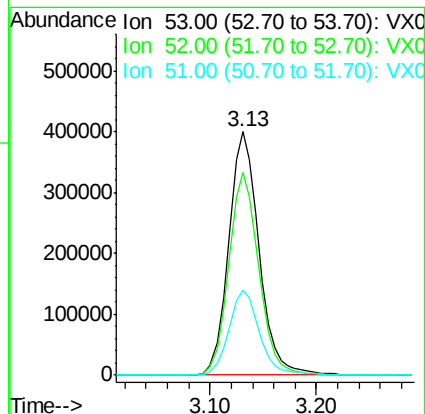
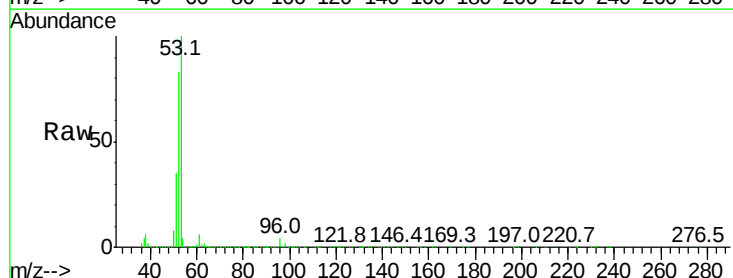
Tgt Ion: 53 Resp: 796343

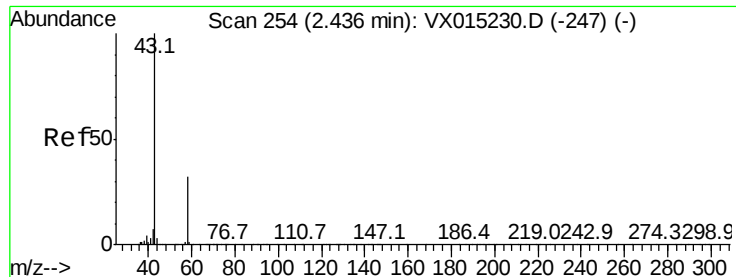
Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.5

51 35.2 17.7 53.1

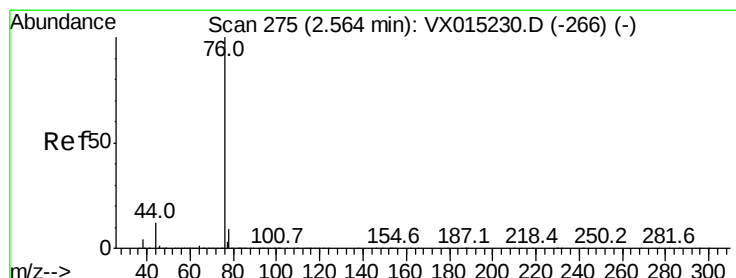
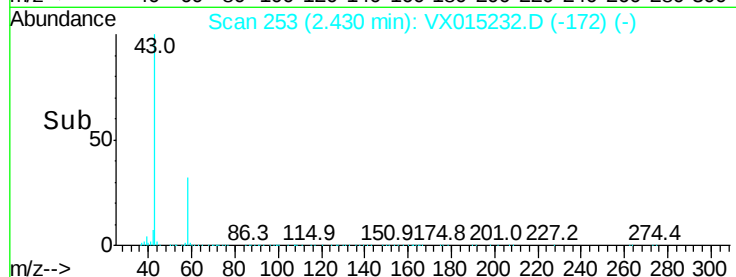
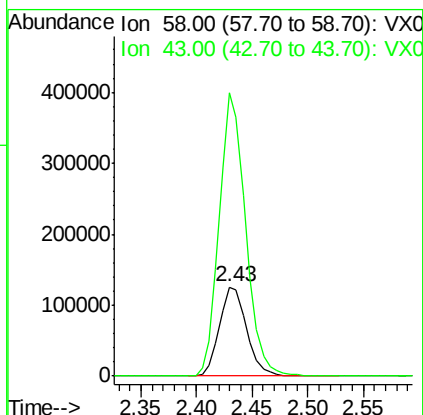
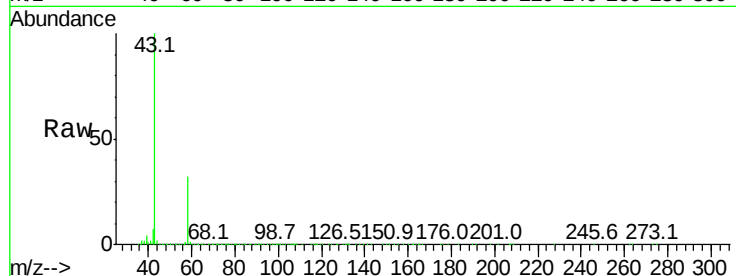




#15
Acetone
Concen: 408.181 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

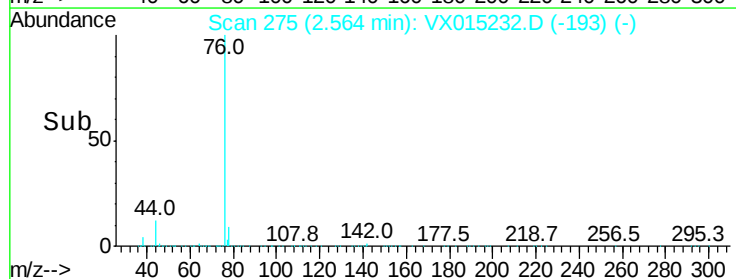
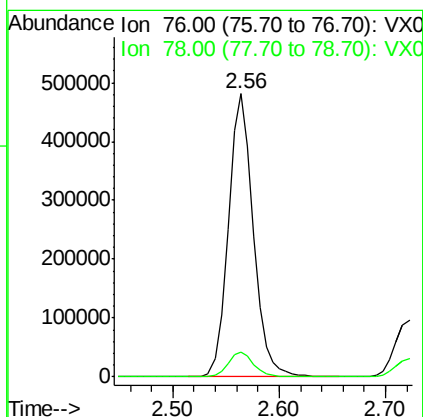
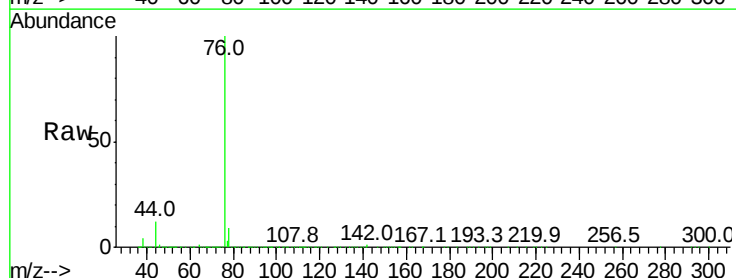
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

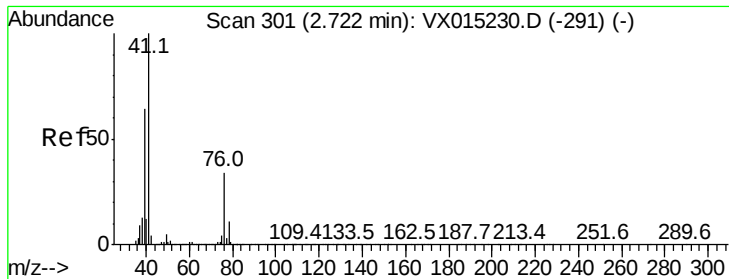
Tgt Ion: 58 Resp: 211643
Ion Ratio Lower Upper
58 100
43 317.1 248.7 373.1



#16
Carbon Disulfide
Concen: 113.599 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 76 Resp: 787452
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

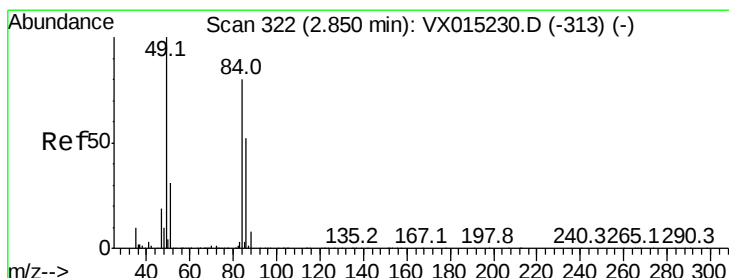
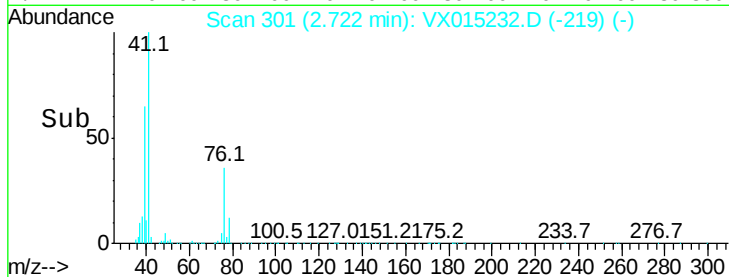
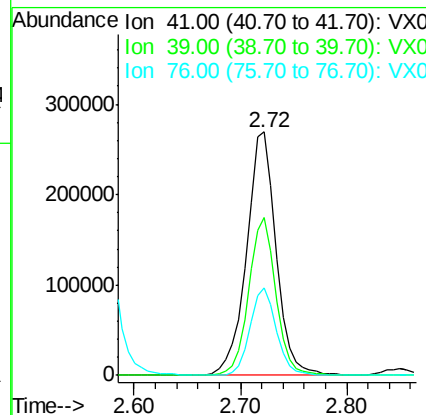
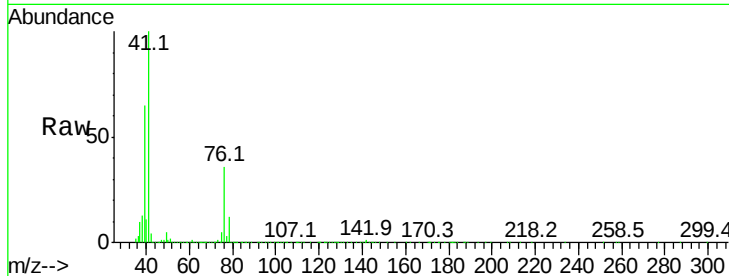




#17
 Allyl chloride
 Concen: 117.183 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

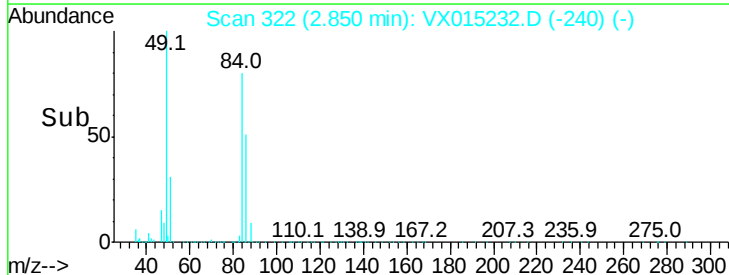
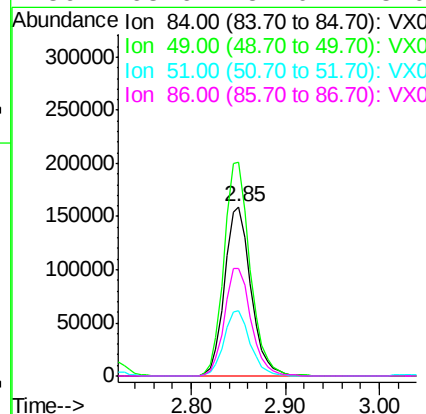
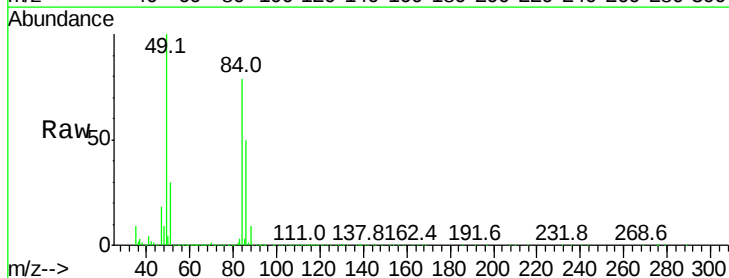
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

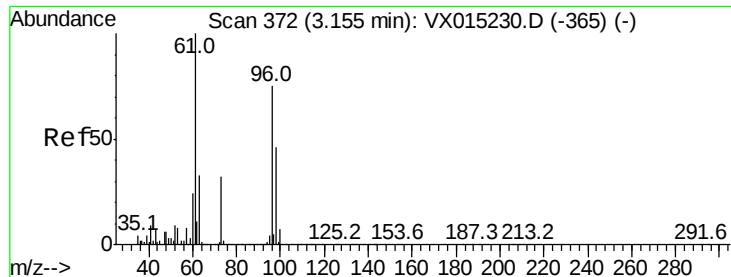
Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.1	32.1	96.5
76	35.6	17.2	51.5



#18
 Methylene Chloride
 Concen: 103.724 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	99.5	149.3
51	38.2	31.0	46.6
86	63.6	52.0	78.0

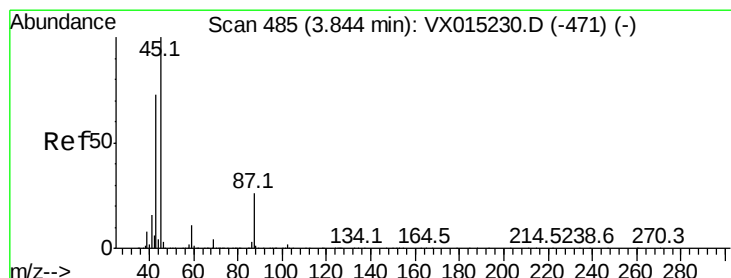
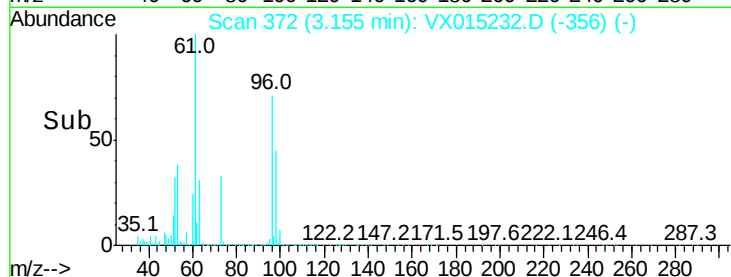
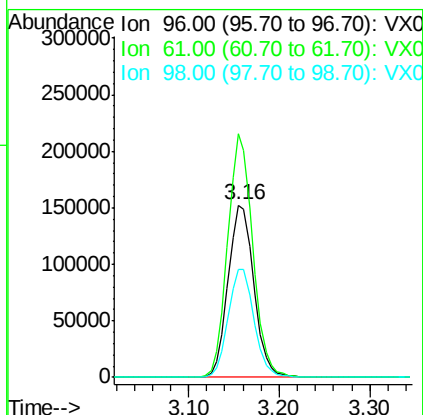
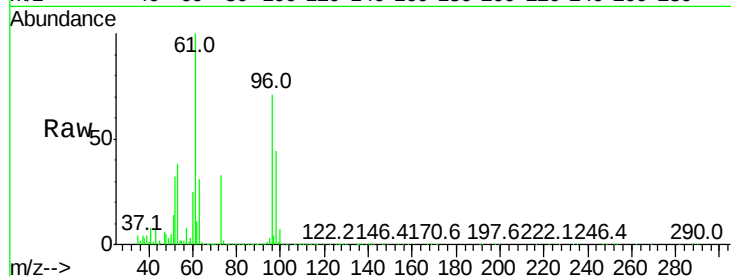




#19
trans-1,2-Dichloroethene
Concen: 106.466 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

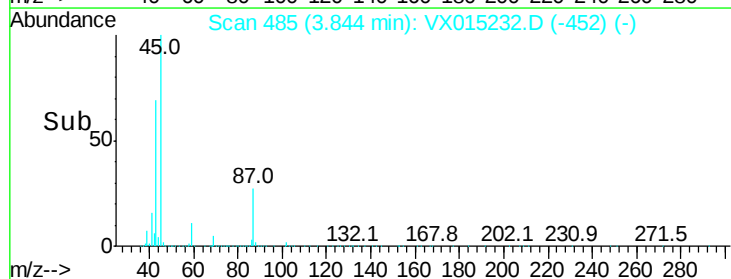
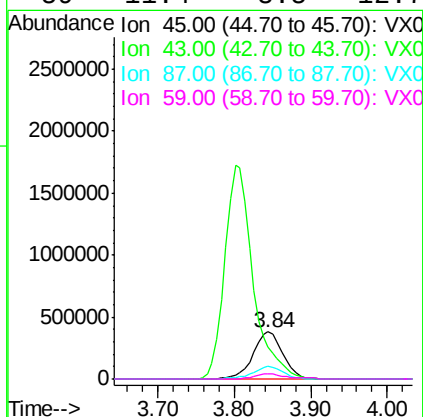
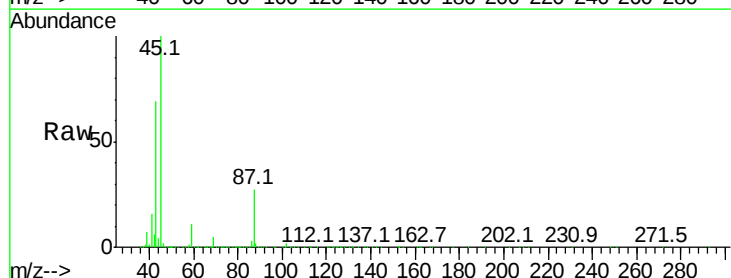
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

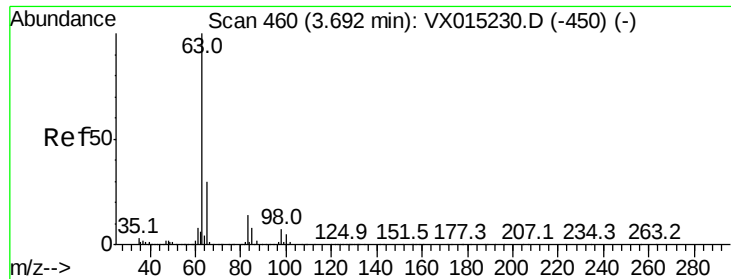
Tgt Ion: 96 Resp: 301485
Ion Ratio Lower Upper
96 100
61 141.4 106.3 159.5
98 62.9 49.1 73.7



#20
Diisopropyl ether
Concen: 112.868 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 45 Resp: 1033749
Ion Ratio Lower Upper
45 100
43 68.6 58.6 87.8
87 27.1 21.0 31.4
59 11.4 8.5 12.7

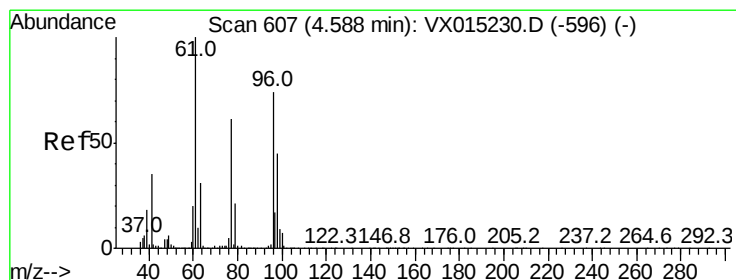
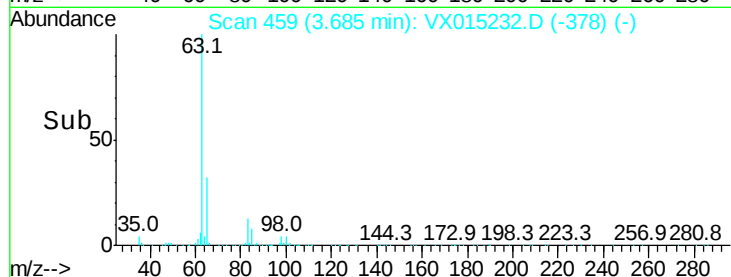
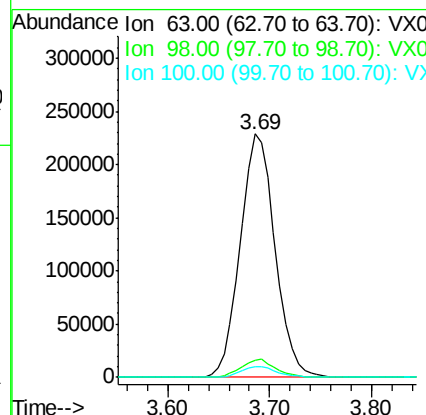
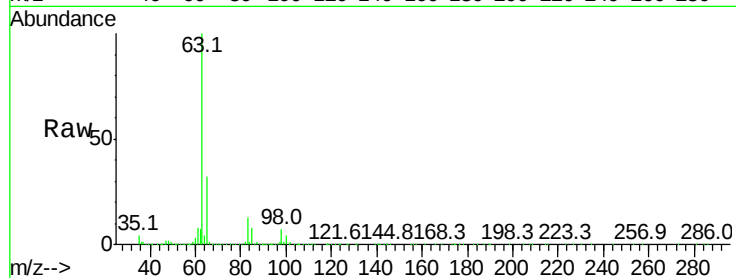




#21
 1,1-Dichloroethane
 Concen: 107.877 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

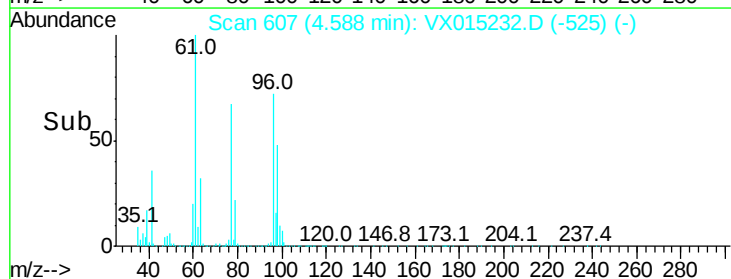
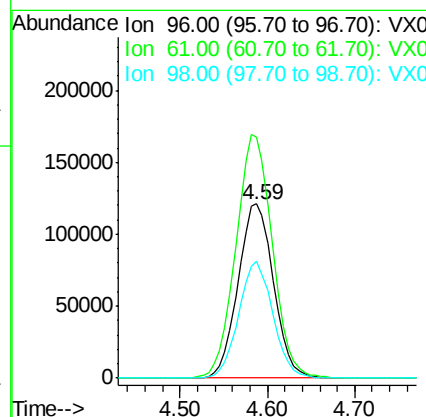
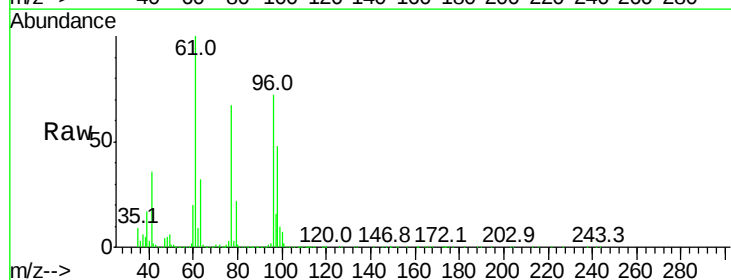
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

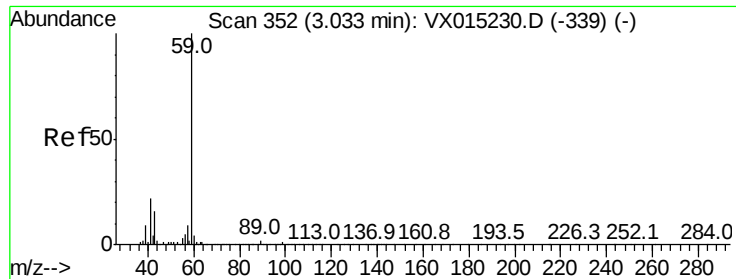
Tgt Ion:	63	Resp:	541617
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.6
100	4.3	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 105.369 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

Tgt Ion:	96	Resp:	341447
Ion	Ratio	Lower	Upper
96	100		
61	142.8	111.4	167.0
98	64.6	50.1	75.1



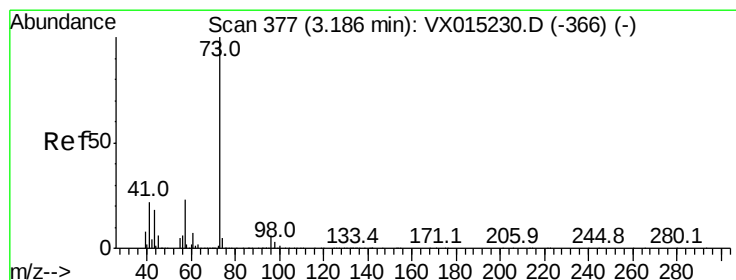
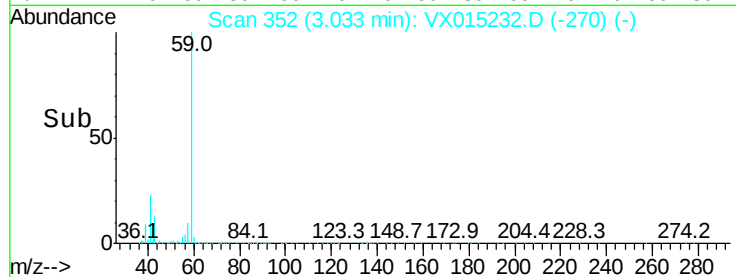
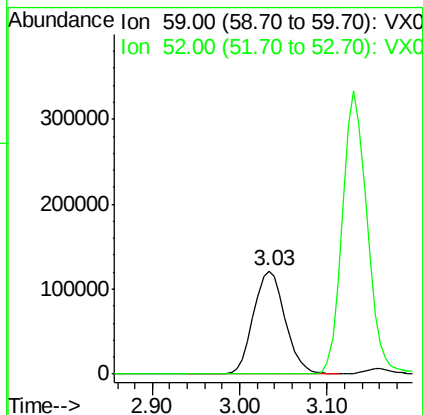
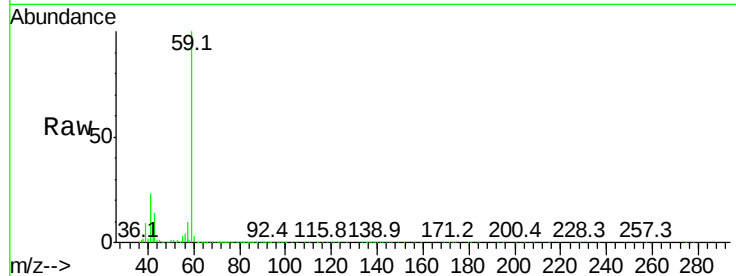


#23

tert-Butyl Alcohol
Concen: 534.921 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

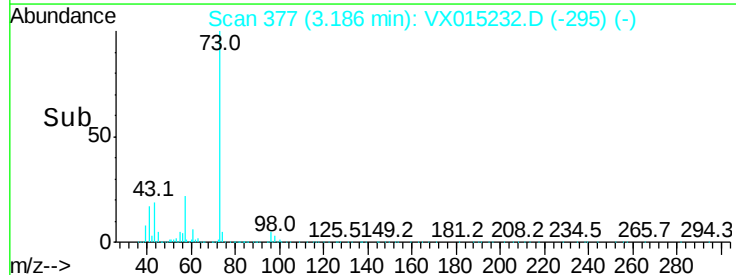
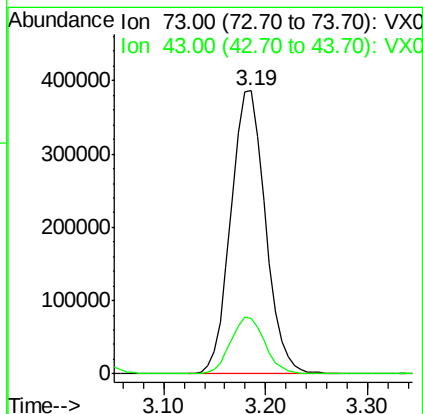
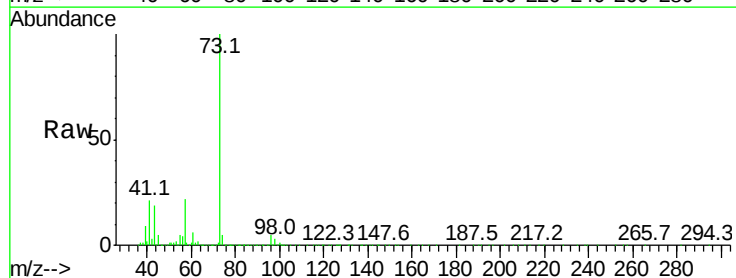
Tgt Ion: 59 Resp: 307218
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

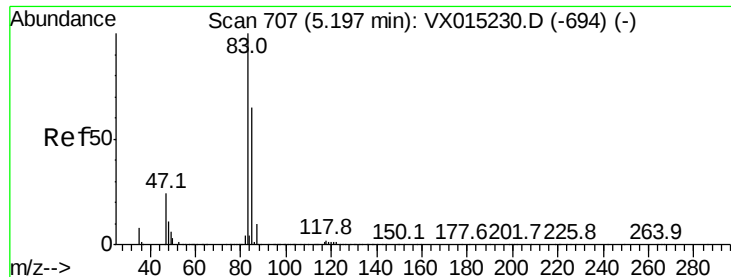


#24

Methyl tert-Butyl Ether
Concen: 105.868 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 73 Resp: 908071
Ion Ratio Lower Upper
73 100
43 19.8 15.9 23.9





#25

Chloroform

Concen: 102.675 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

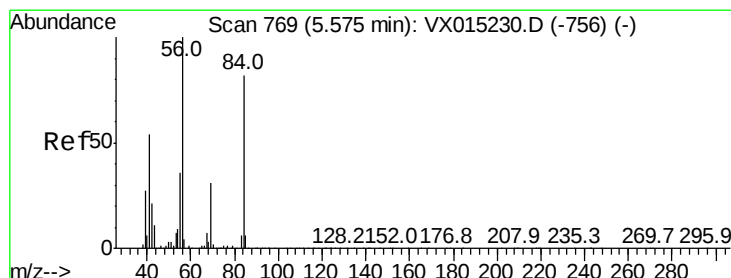
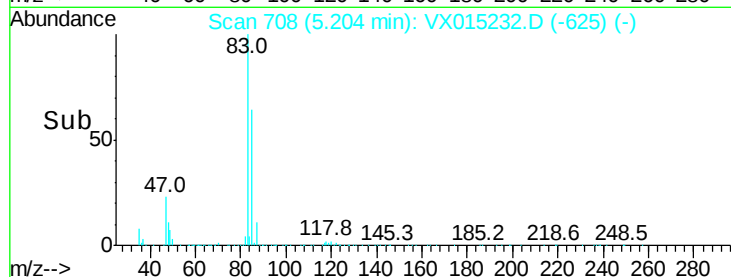
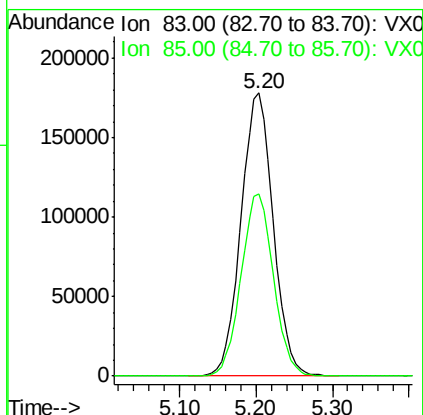
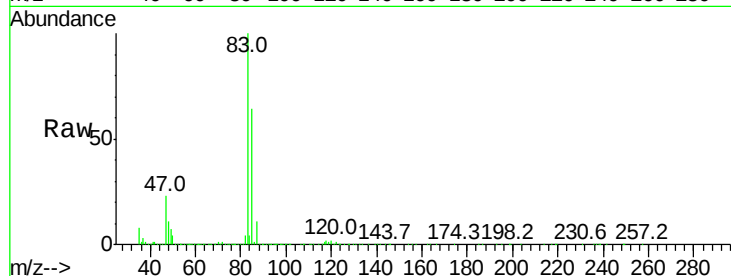
VSTDIC100

Tgt Ion: 83 Resp: 519844

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2



#26

Cyclohexane

Concen: 114.586 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

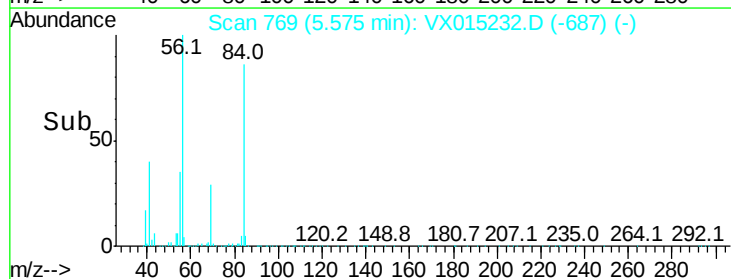
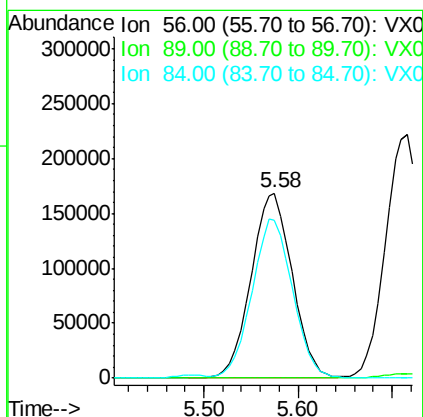
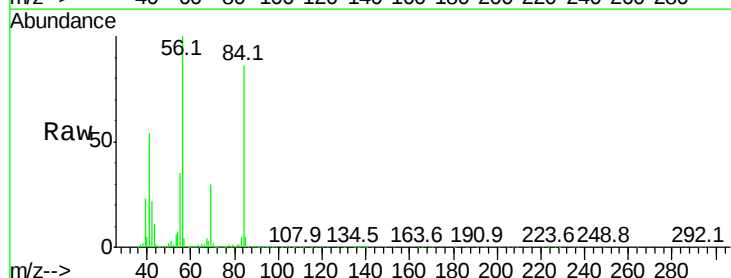
Tgt Ion: 56 Resp: 514178

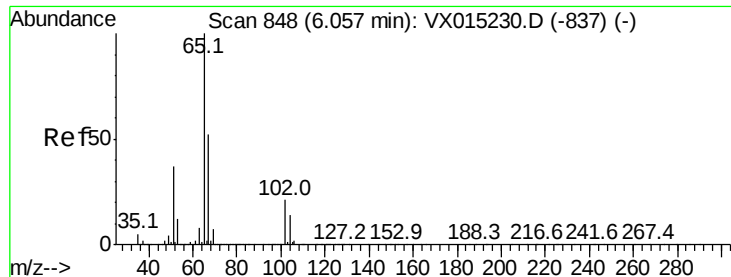
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 85.2 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 28.871 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

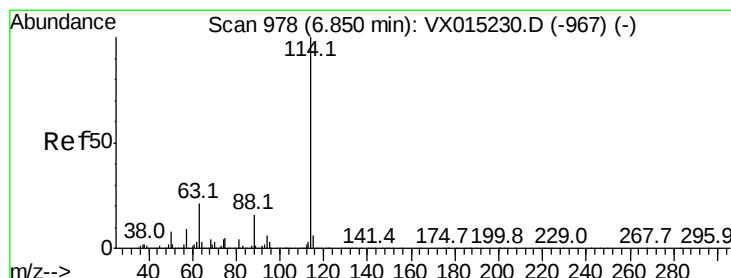
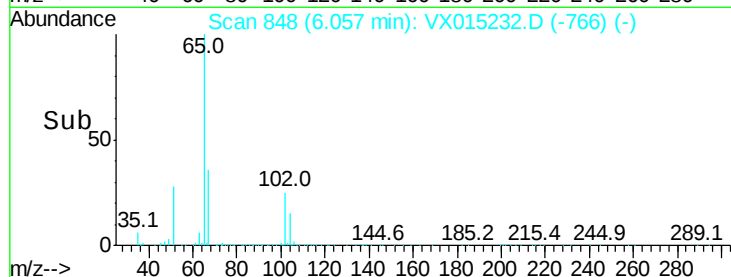
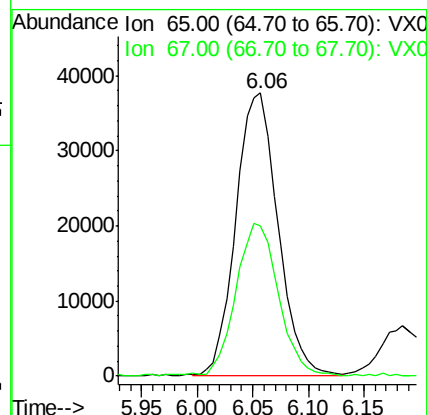
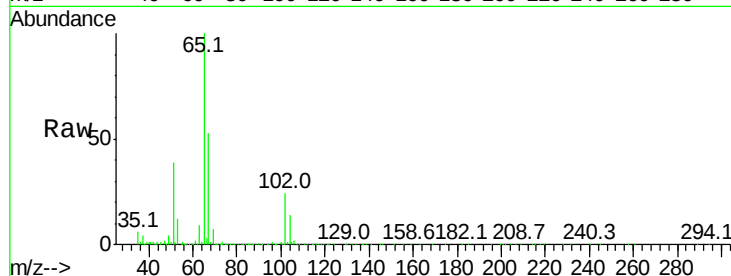
VSTDIC100

Tgt Ion: 65 Resp: 98458

Ion Ratio Lower Upper

65 100

67 53.9 43.5 65.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

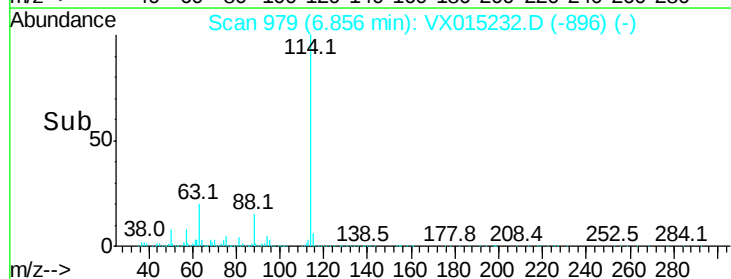
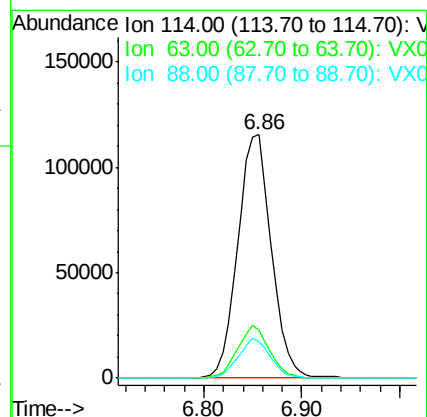
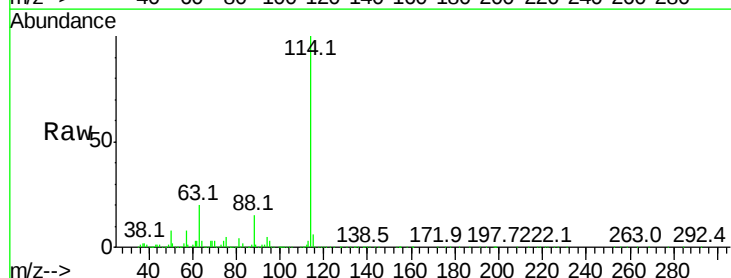
Tgt Ion: 114 Resp: 275117

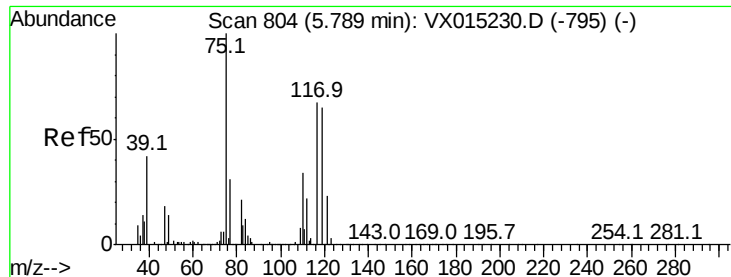
Ion Ratio Lower Upper

114 100

63 20.4 16.6 24.8

88 15.6 12.6 19.0





#29

1,1-Dichloropropene

Concen: 105.597 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

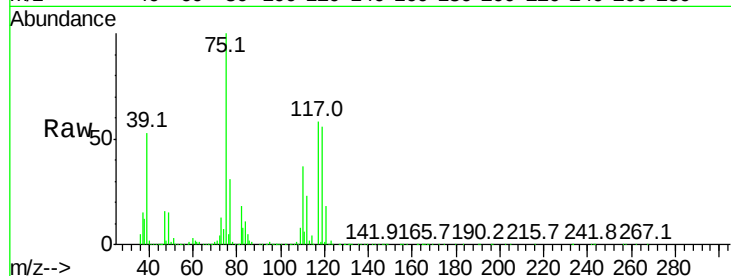
Tgt Ion: 75 Resp: 410916

Ion Ratio Lower Upper

75 100

110 36.5 0.0 73.6

77 30.8 0.0 63.4



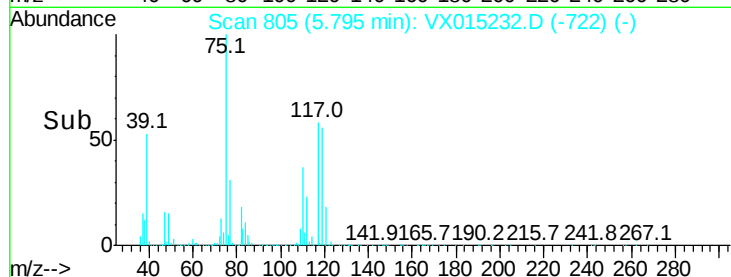
Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

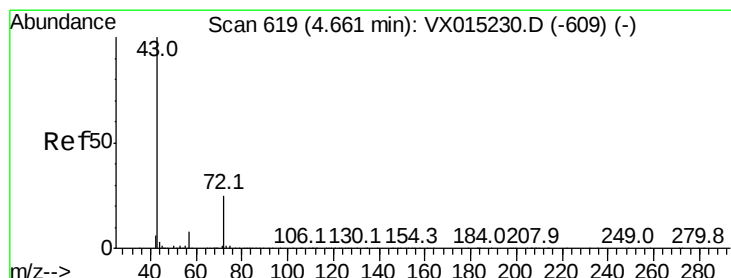
Ion 77.00 (76.70 to 77.70): VX0

5.79

Time-->



Time-->



#30

2-Butanone

Concen: 489.226 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

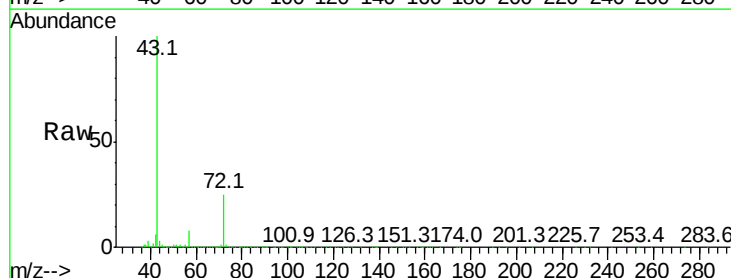
Tgt Ion: 43 Resp: 1098856

Ion Ratio Lower Upper

43 100

57 8.0 6.4 9.6

72 24.8 19.9 29.9



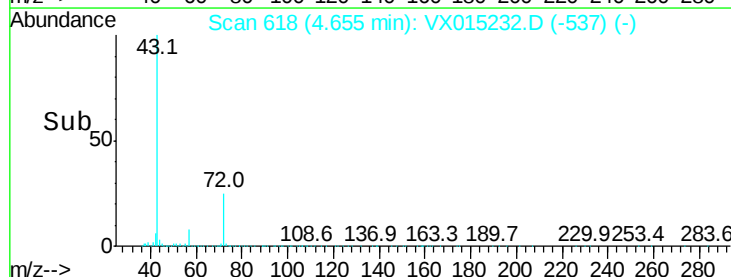
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

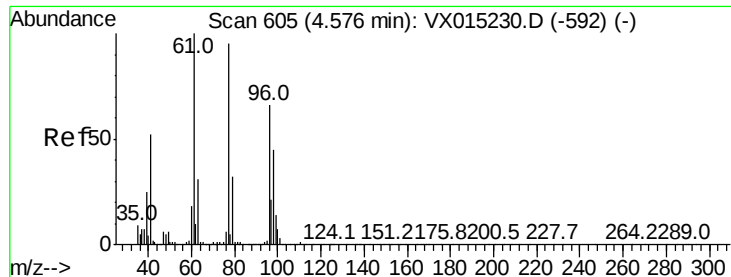
Ion 72.00 (71.70 to 72.70): VX0

4.65

Time-->



Time-->



#31

2,2-Dichloropropane

Concen: 101.064 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

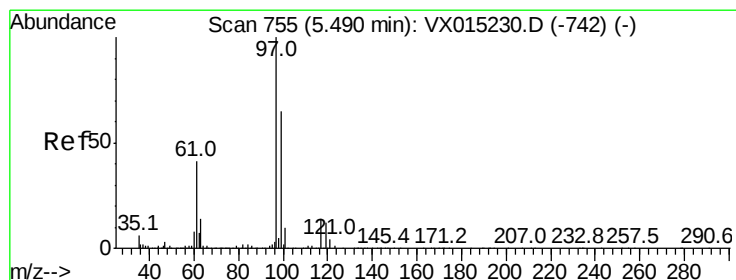
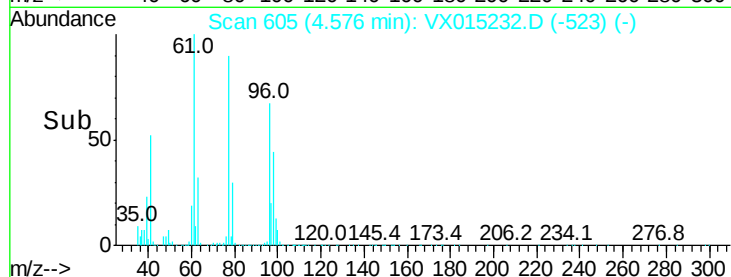
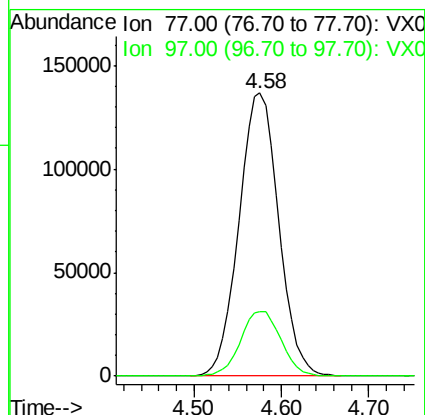
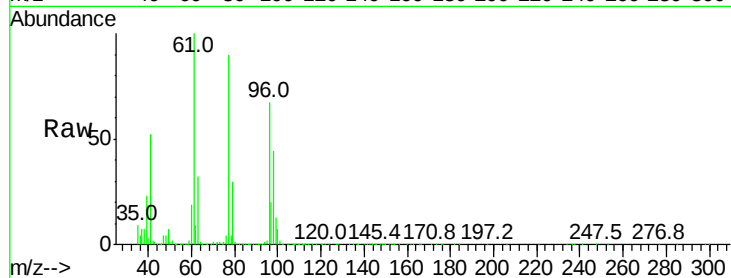
VSTDIC100

Tgt Ion: 77 Resp: 431842

Ion Ratio Lower Upper

77 100

97 23.3 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 100.796 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

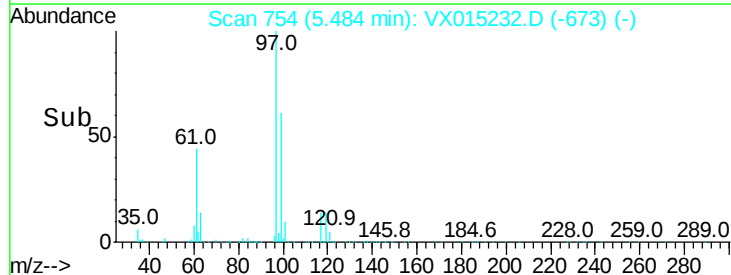
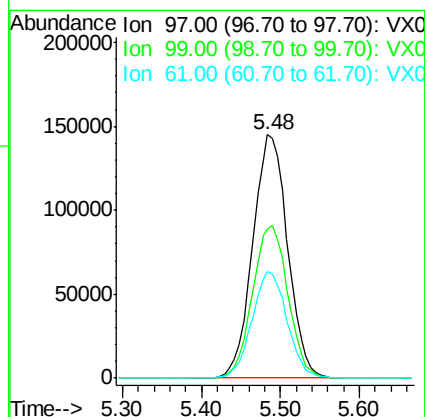
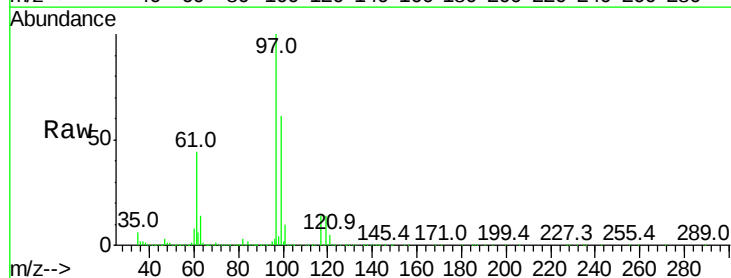
Tgt Ion: 97 Resp: 445426

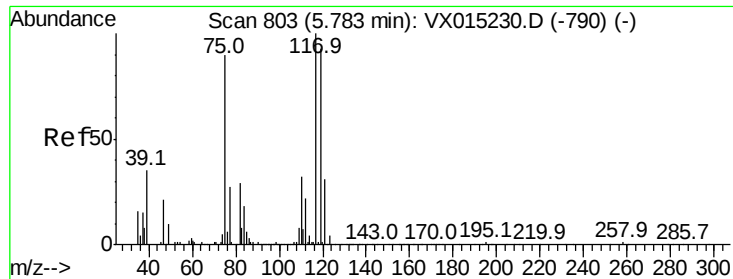
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 43.5 35.0 52.6





#33

Carbon Tetrachloride

Concen: 100.630 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

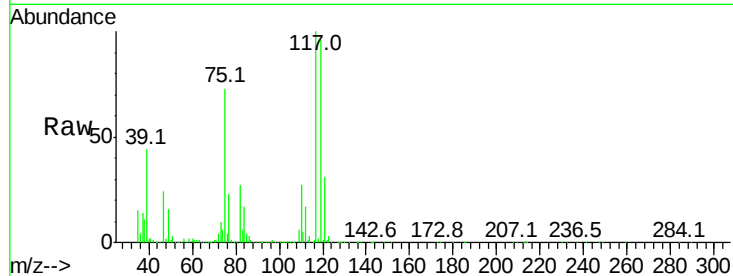
Tgt Ion:117 Resp: 389275

Ion Ratio Lower Upper

117 100

119 96.1 74.2 111.4

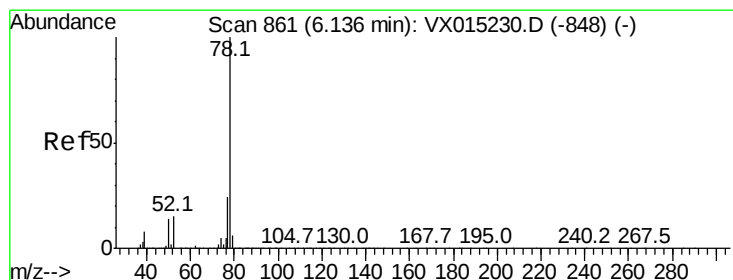
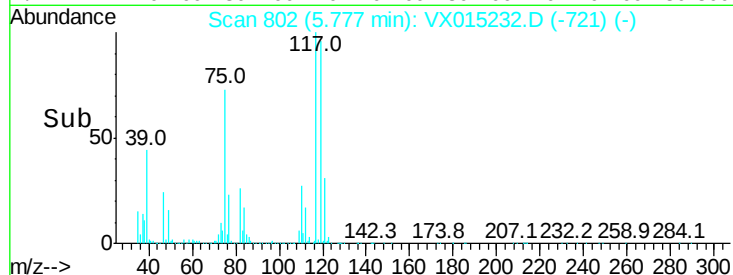
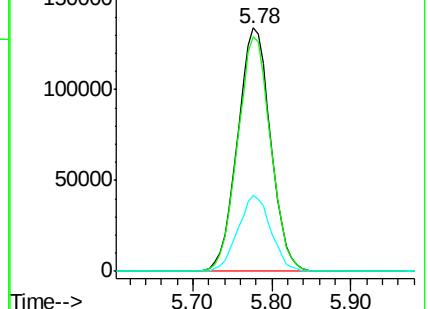
121 31.4 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 106.230 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

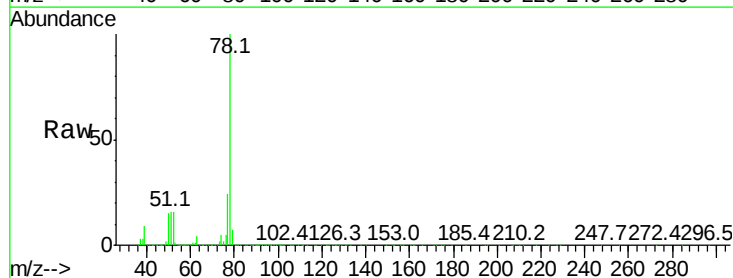
Tgt Ion: 78 Resp: 1247356

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

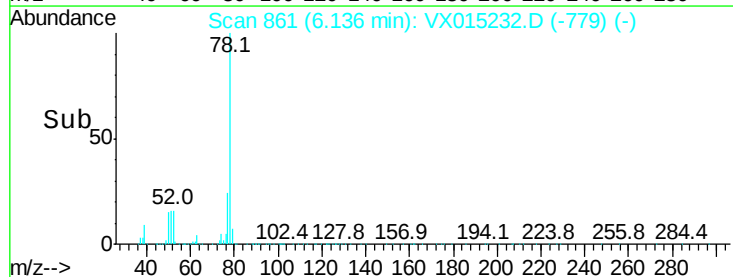
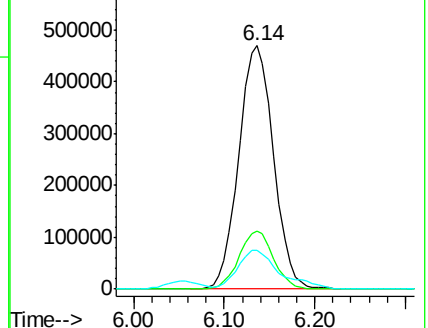
51 15.6 13.4 20.2

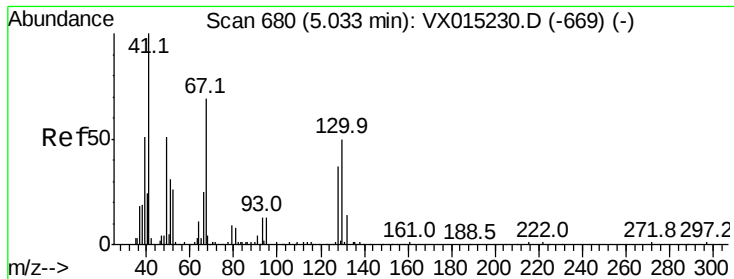


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 108.833 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 249360

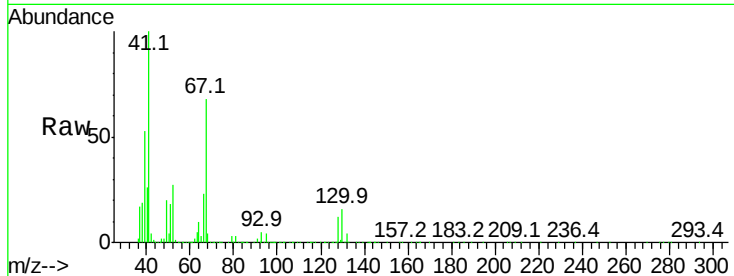
Ion Ratio Lower Upper

41 100

39 53.0 25.7 77.1

67 68.3 34.3 102.8

52 26.4 12.9 38.6

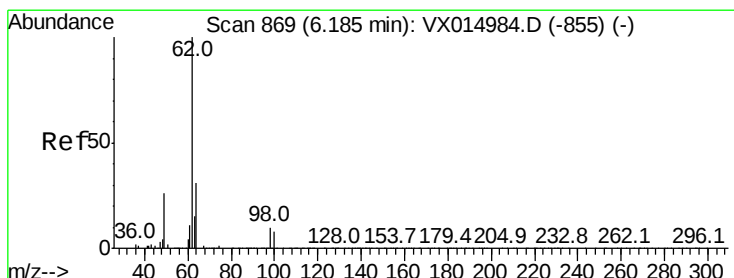
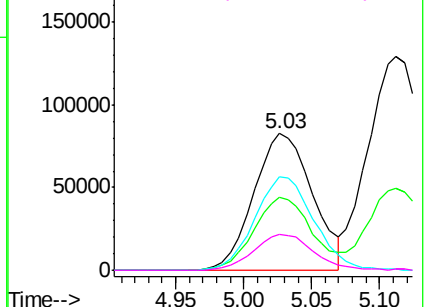
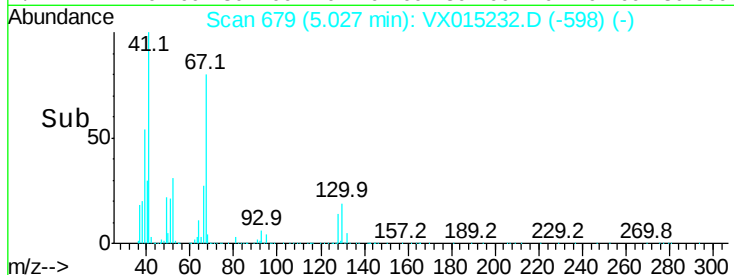


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#36

1,2-Dichloroethane

Concen: 97.210 ug/l

RT: 6.19 min Scan# 869

Delta R.T. -0.18 min

Lab File: VX015232.D

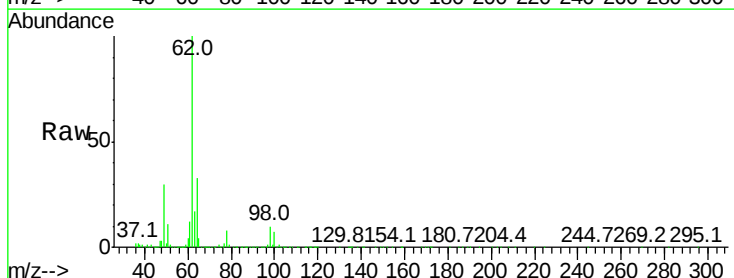
Acq: 12 Mar 2020 13:01

Tgt Ion: 62 Resp: 404030

Ion Ratio Lower Upper

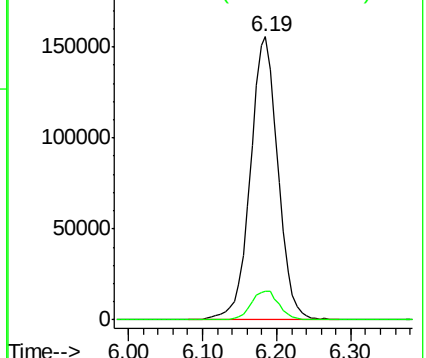
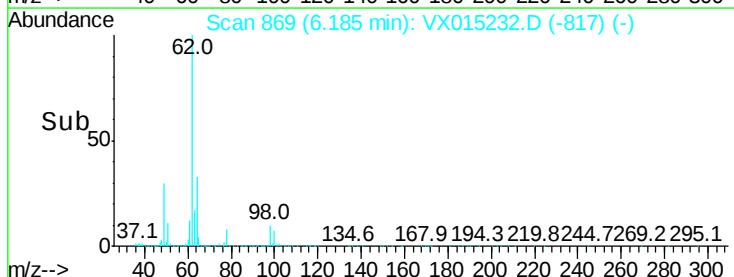
62 100

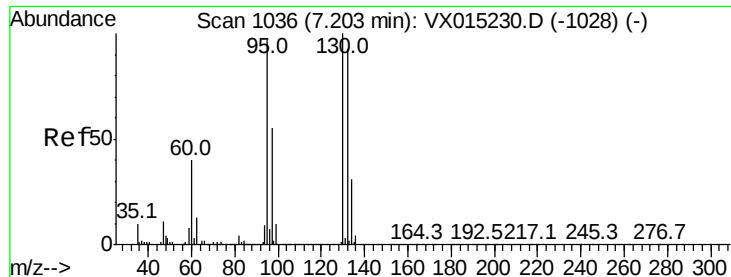
98 10.5 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

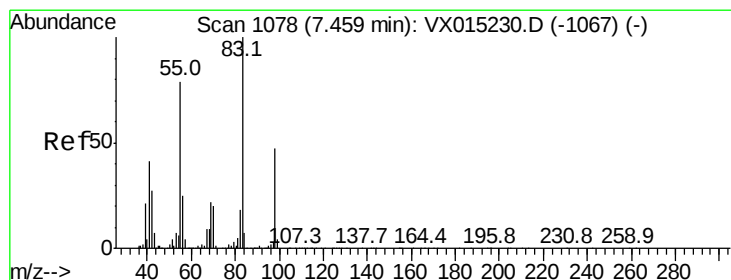
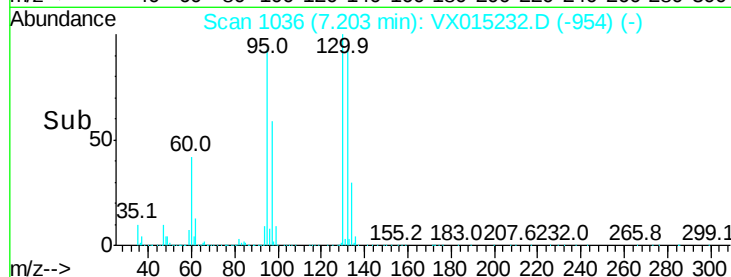
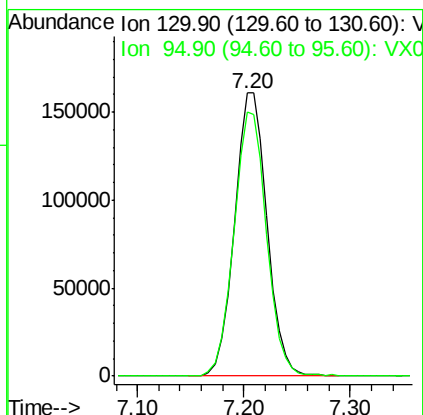
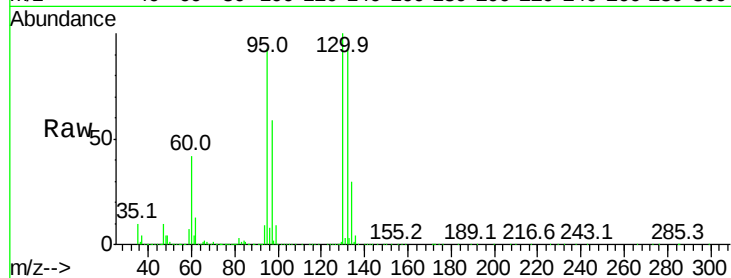




#37
 Trichloroethene
 Concen: 104.467 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

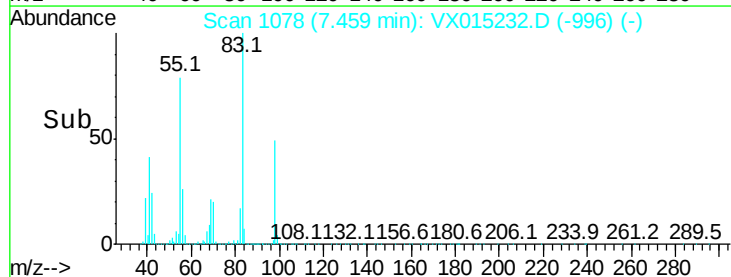
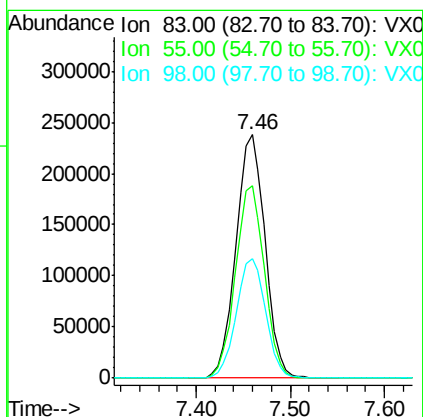
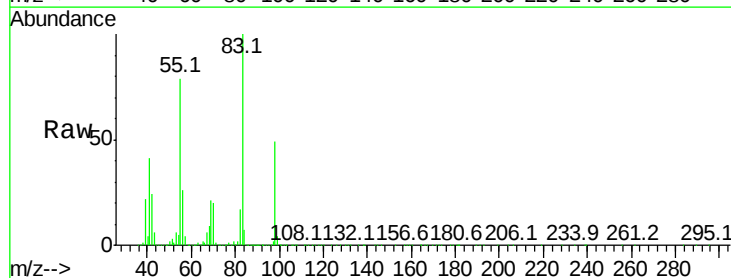
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

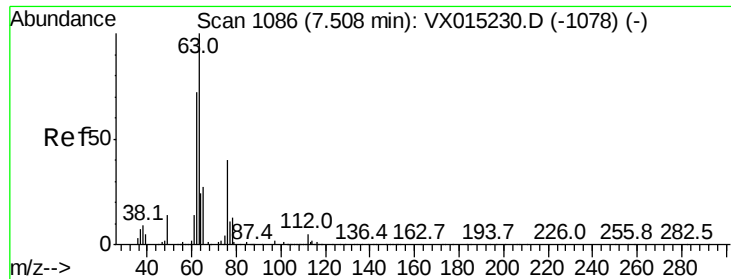
Tgt Ion:130 Resp: 344408
 Ion Ratio Lower Upper
 130 100
 95 93.2 77.4 116.0



#38
 Methylcyclohexane
 Concen: 106.181 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

Tgt Ion: 83 Resp: 512154
 Ion Ratio Lower Upper
 83 100
 55 78.8 39.1 117.2
 98 49.7 24.4 73.2

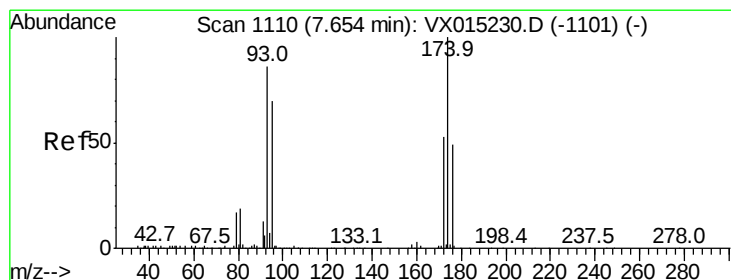
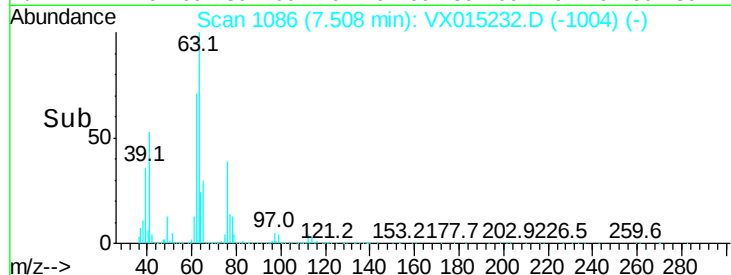
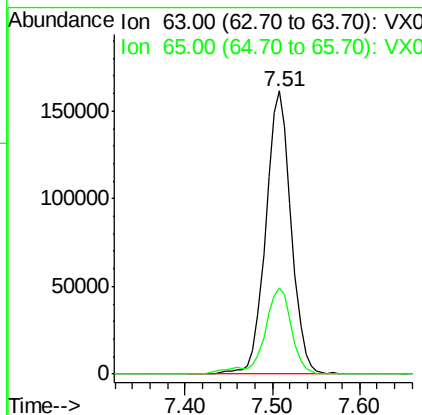
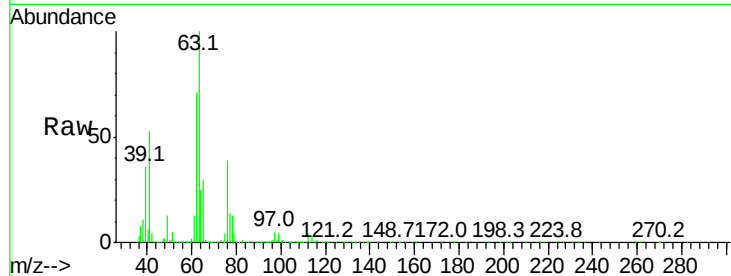




#39
 1,2-Dichloropropane
 Concen: 108.691 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

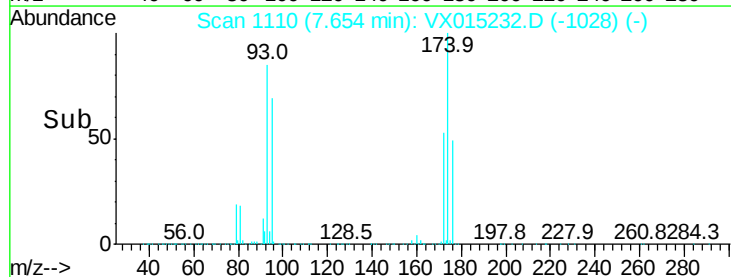
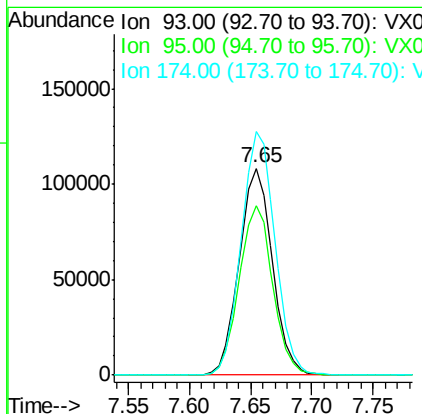
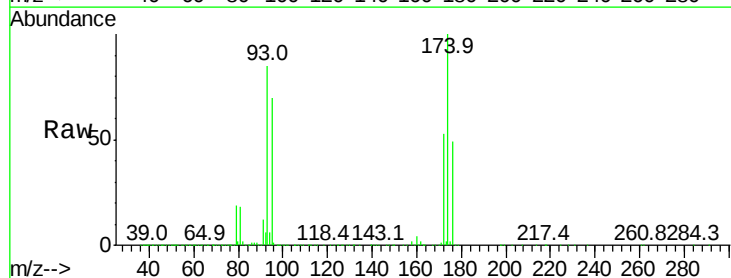
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

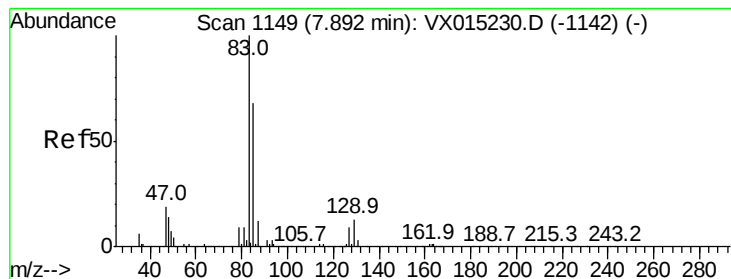
Tgt Ion: 63 Resp: 328511
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.2 34.8



#40
 Dibromomethane
 Concen: 101.476 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

Tgt Ion: 93 Resp: 204799
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 162.6
 174 119.6 0.0 233.6





#41

Bromodichloromethane

Concen: 104.971 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

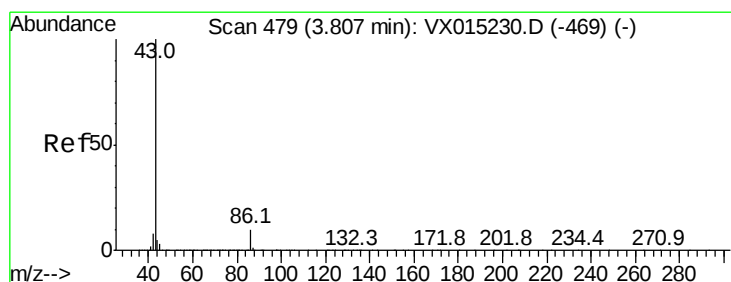
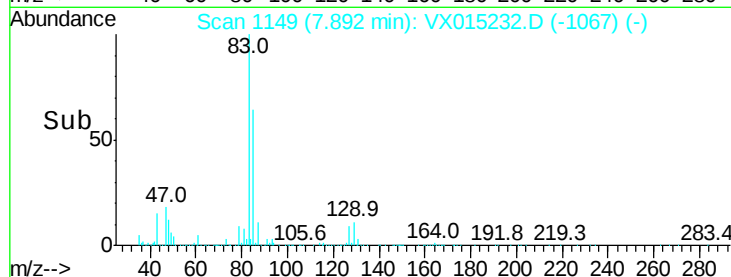
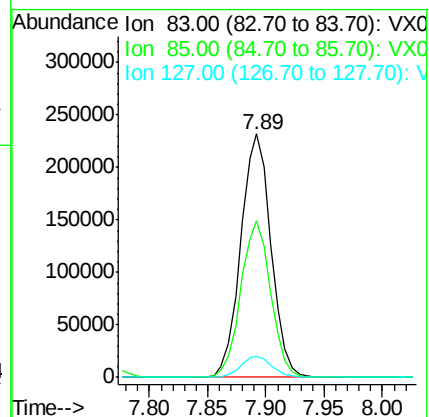
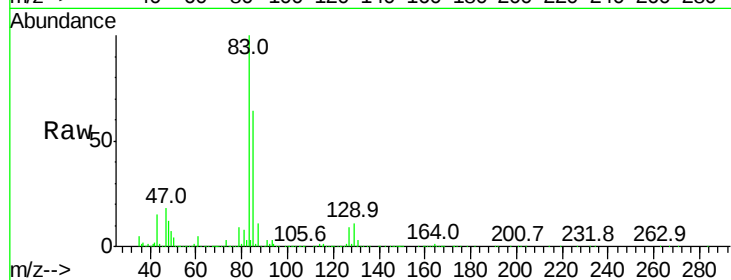
Tgt Ion: 83 Resp: 418492

Ion Ratio Lower Upper

83 100

85 64.0 54.2 81.4

127 8.6 7.1 10.7



#42

Vinyl Acetate

Concen: 558.895 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015232.D

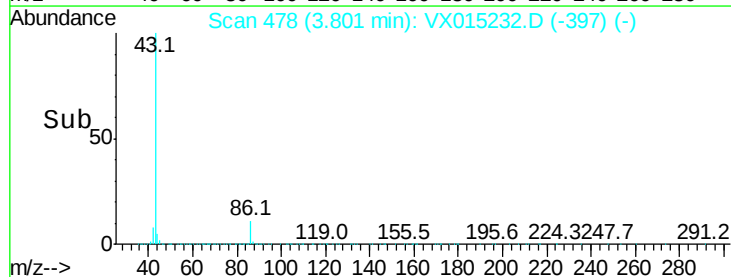
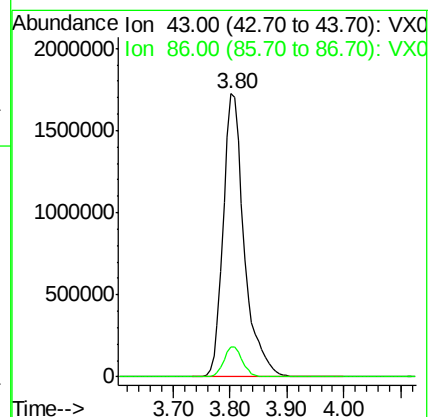
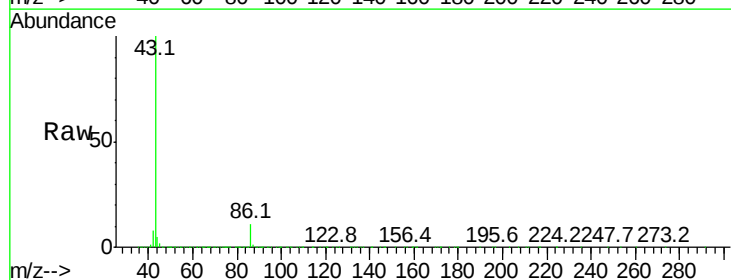
Acq: 12 Mar 2020 13:01

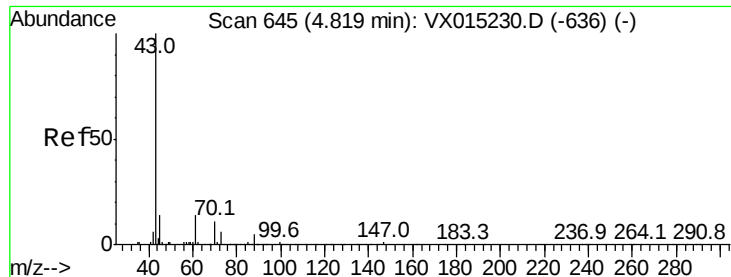
Tgt Ion: 43 Resp: 4418553

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2

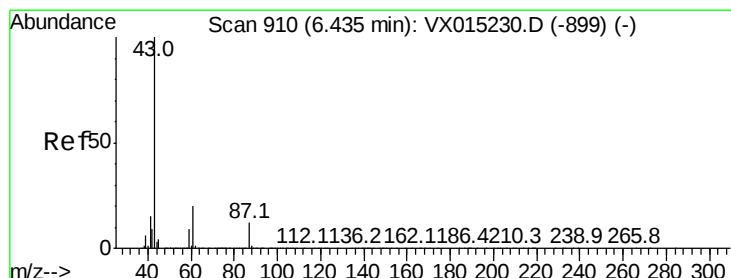
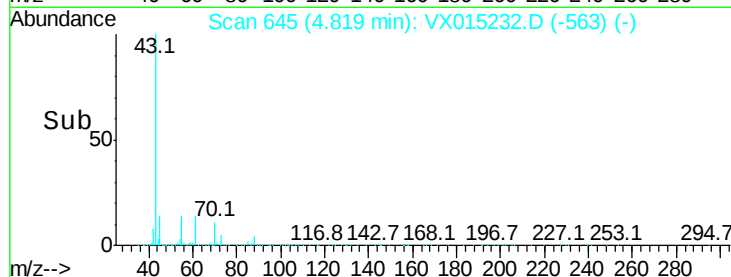
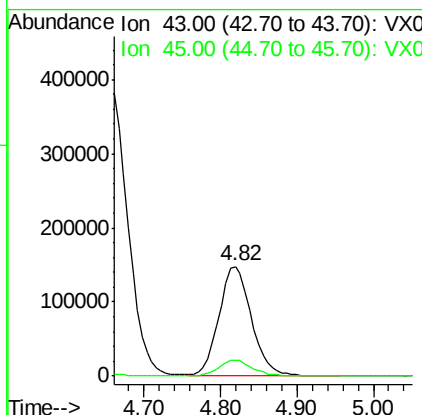
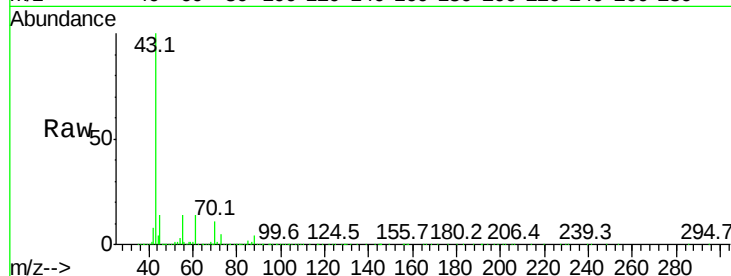




#43
Ethyl Acetate
Concen: 106.883 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

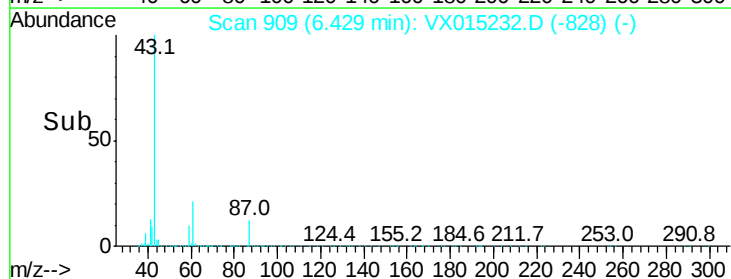
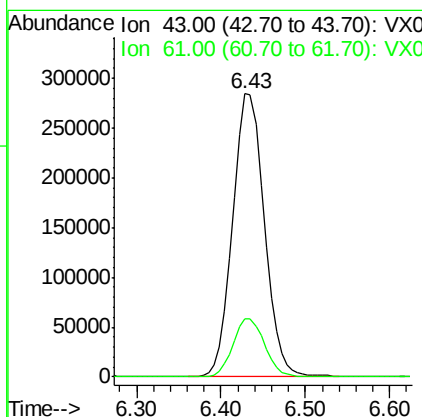
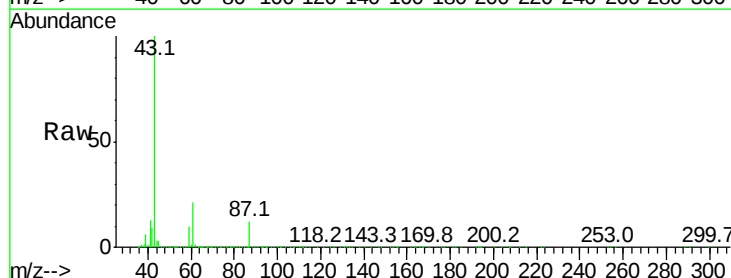
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

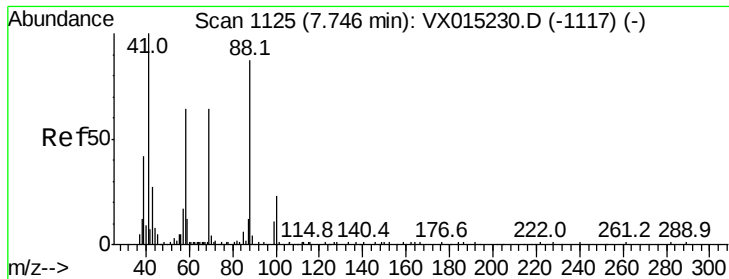
Tgt Ion: 43 Resp: 434382
Ion Ratio Lower Upper
43 100
45 15.1 11.7 17.5



#44
Isopropyl Acetate
Concen: 105.817 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 43 Resp: 722944
Ion Ratio Lower Upper
43 100
61 20.6 17.0 25.4

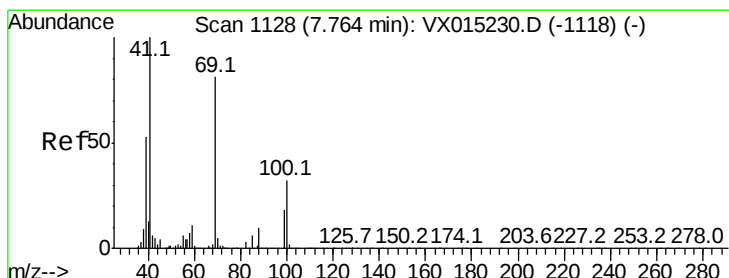
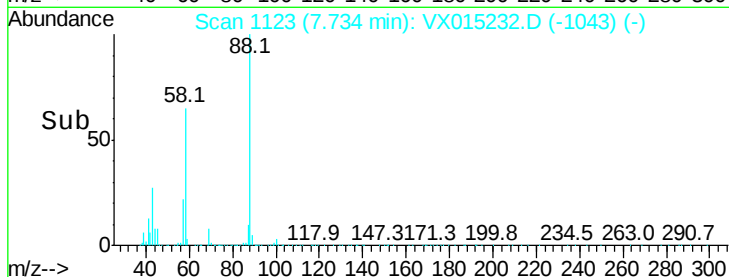
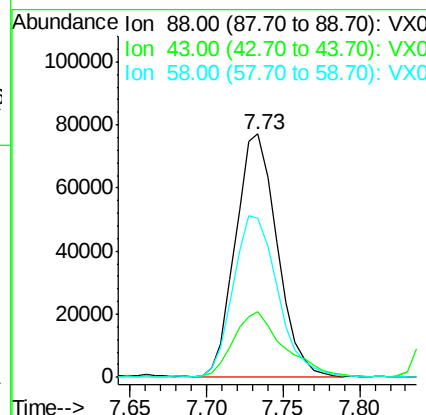
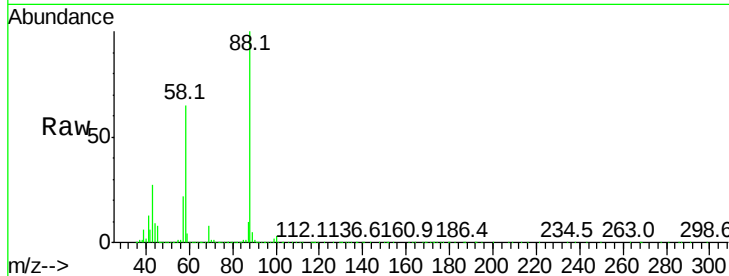




#45
 1,4-Dioxane
 Concen: 2324.599 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

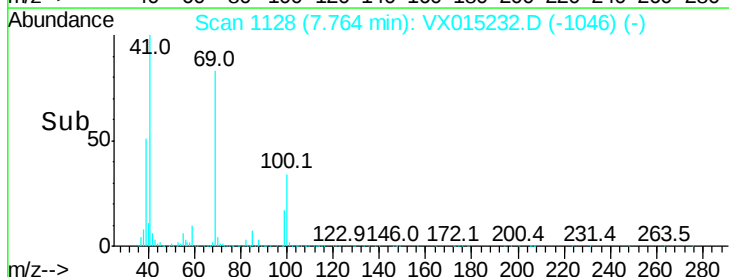
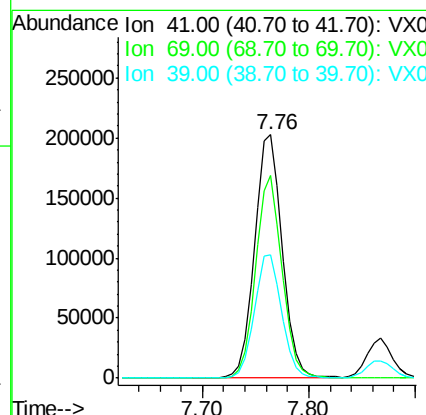
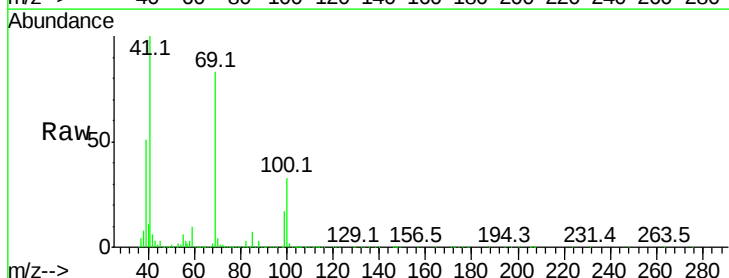
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

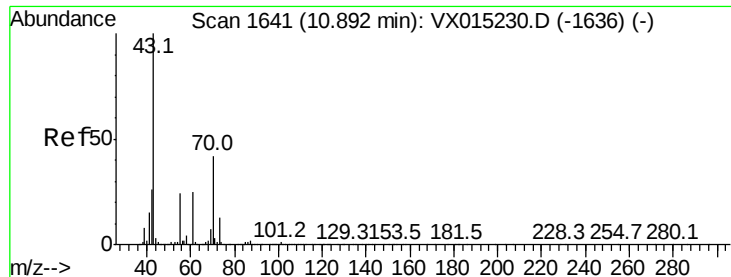
Tgt Ion: 88 Resp: 146749
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.4 39.6
 58 70.8 57.3 85.9



#46
 Methyl methacrylate
 Concen: 108.962 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

Tgt Ion: 41 Resp: 368282
 Ion Ratio Lower Upper
 41 100
 69 83.1 40.5 121.4
 39 50.5 26.6 79.8





#47

n-amy1 Acetate

Concen: 113.966 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

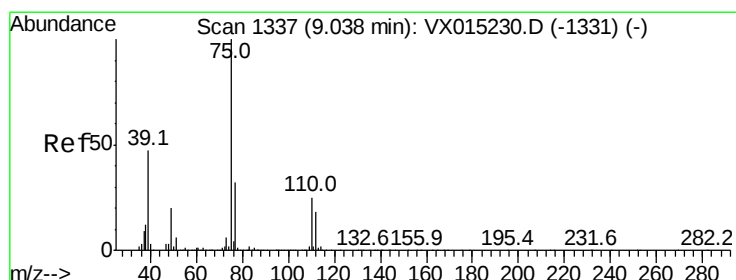
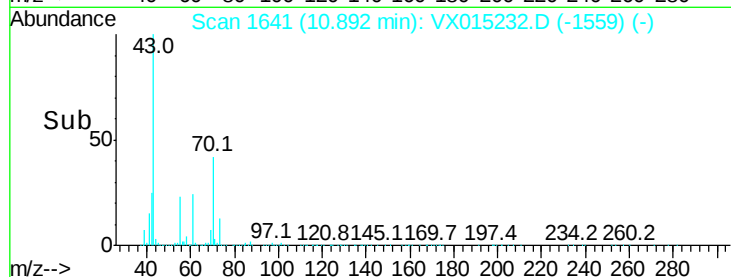
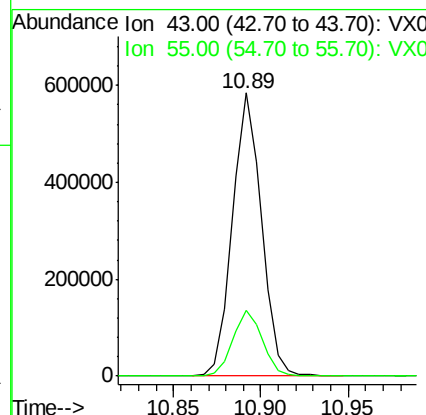
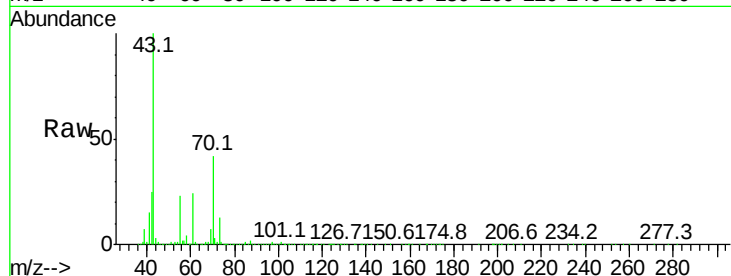
Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 674526

Ion	Ratio	Lower	Upper
43	100		
55	23.6	20.4	30.6



#48

t-1,3-Dichloropropene

Concen: 107.979 ug/l

RT: 9.04 min Scan# 1337

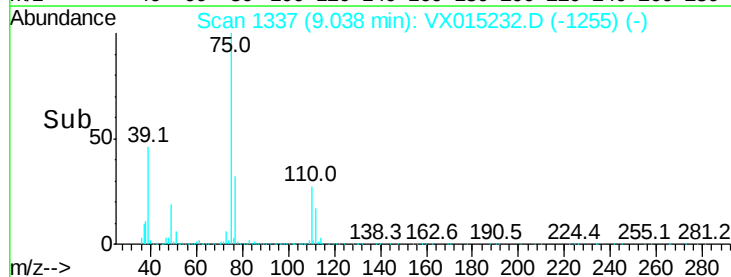
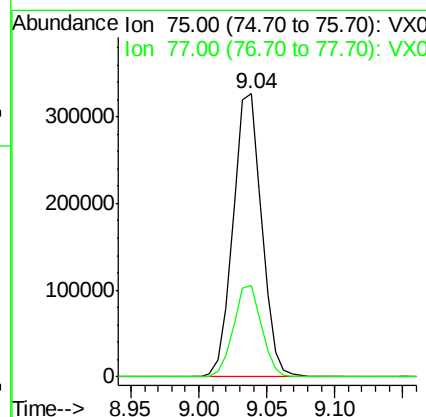
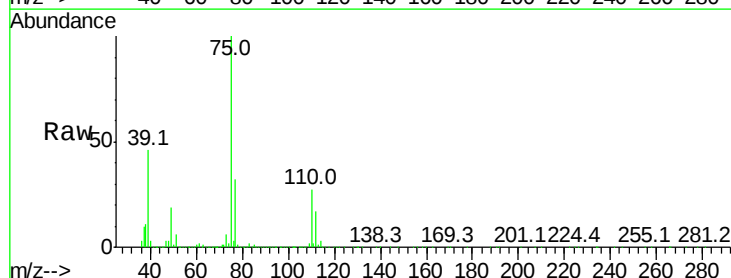
Delta R.T. -0.00 min

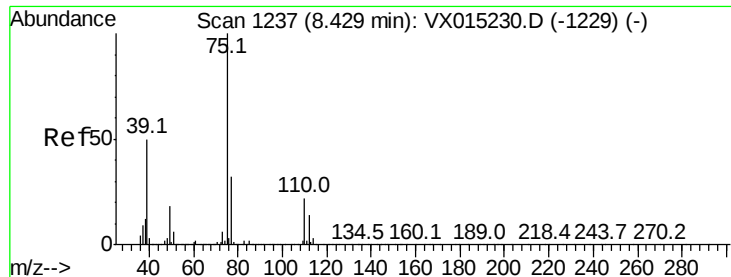
Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Tgt Ion: 75 Resp: 477608

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7



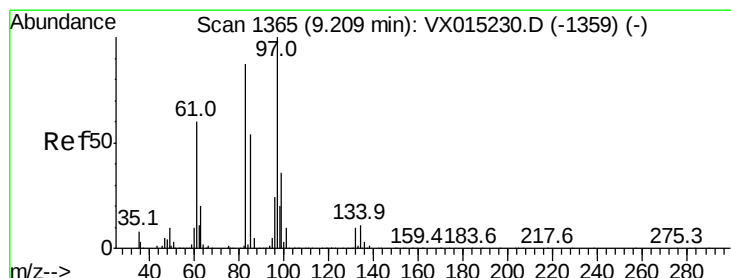
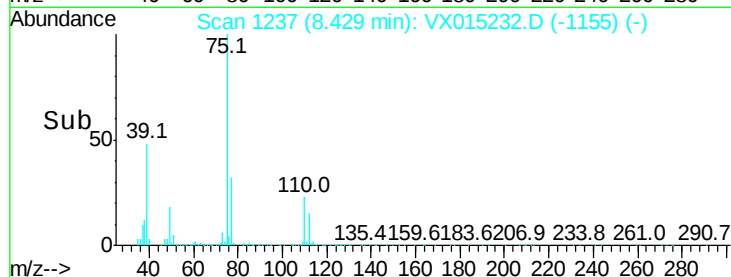
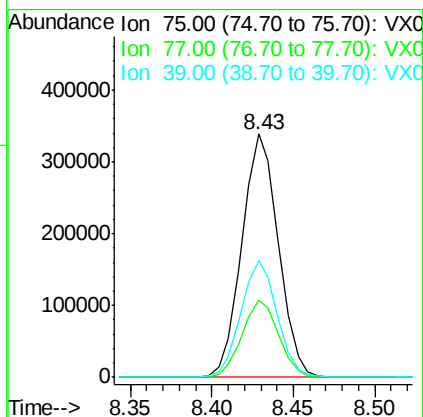
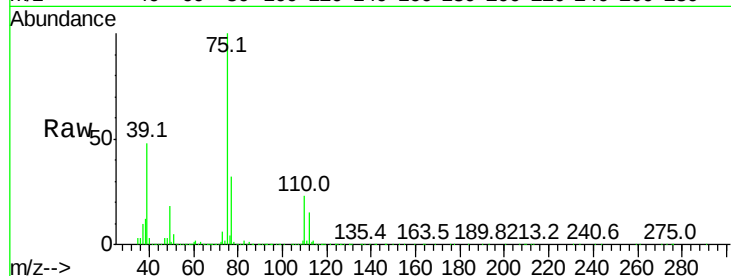


#49

cis-1,3-Dichloropropene
Concen: 108.244 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

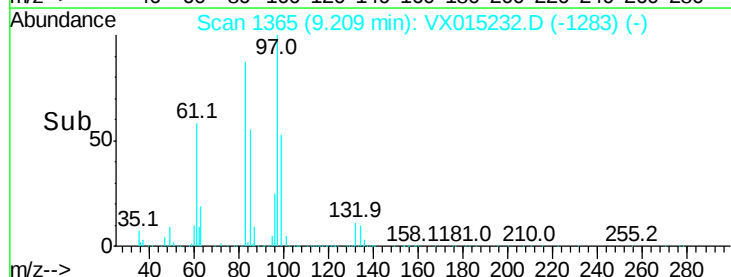
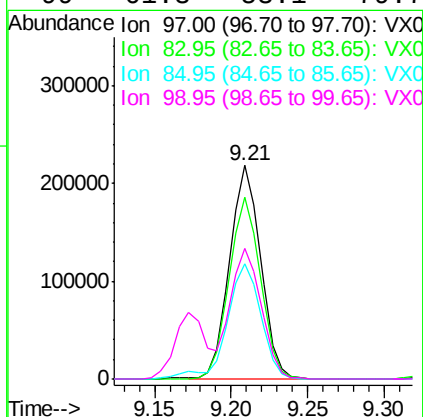
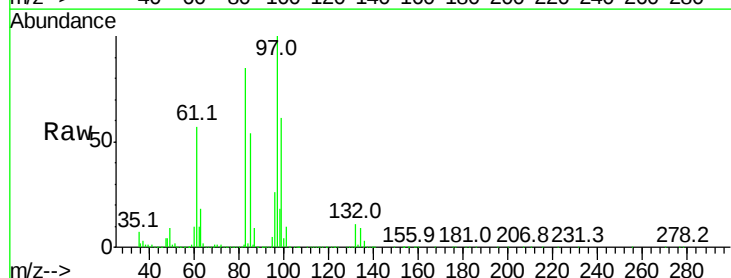
Tgt Ion:	75	Resp:	527101
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	48.2	39.8	59.6

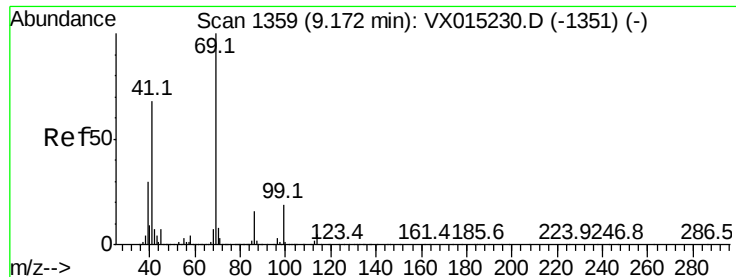


#50

1,1,2-Trichloroethane
Concen: 102.418 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion:	97	Resp:	307954
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.7	104.5
85	54.0	45.4	68.0
99	61.3	53.1	79.7





#51

Ethyl methacrylate

Concen: 109.279 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

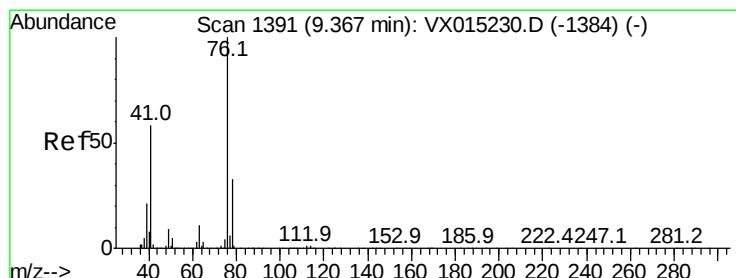
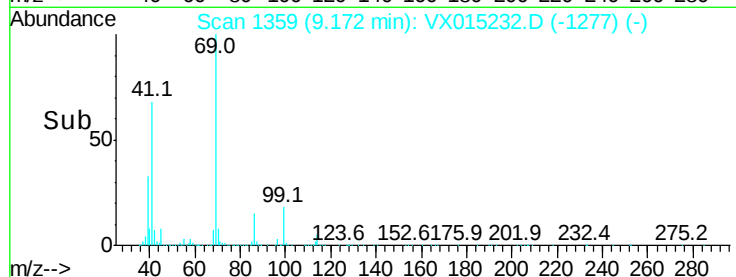
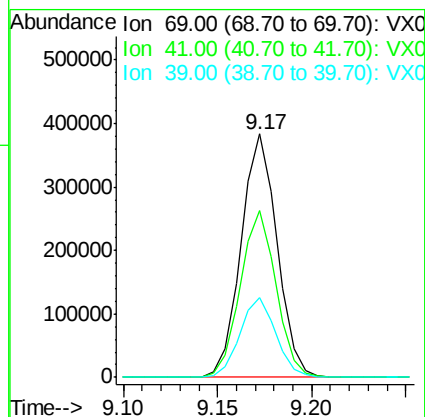
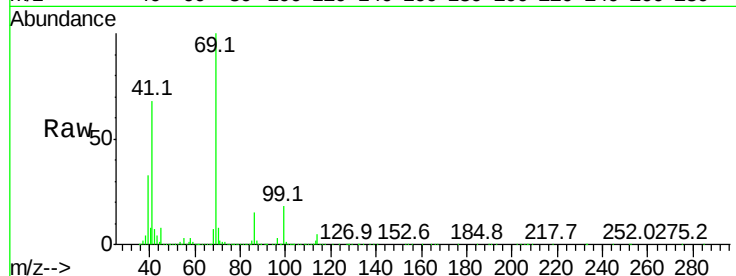
Tgt Ion: 69 Resp: 507143

Ion Ratio Lower Upper

69 100

41 68.3 33.8 101.3

39 32.9 15.1 45.3



#52

1,3-Dichloropropane

Concen: 103.374 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015232.D

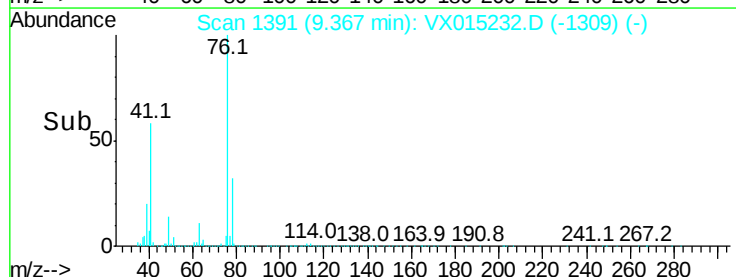
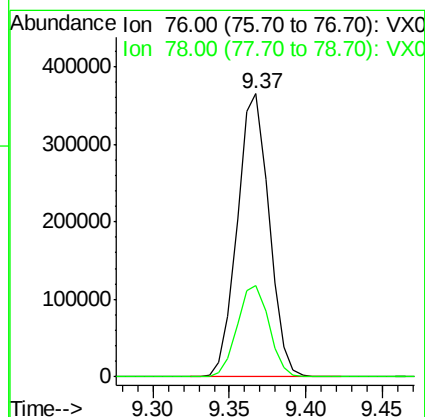
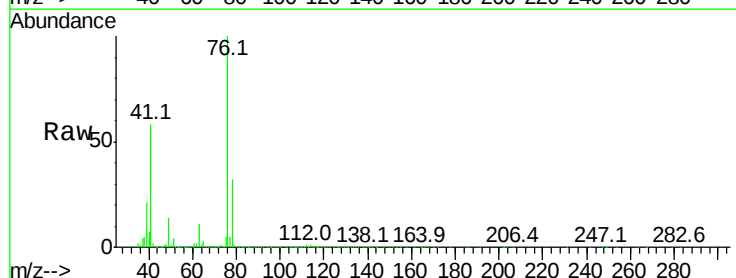
Acq: 12 Mar 2020 13:01

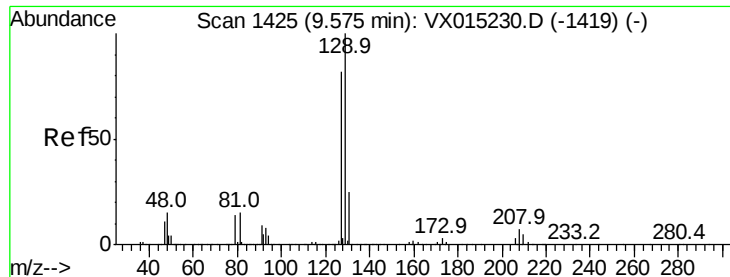
Tgt Ion: 76 Resp: 525821

Ion Ratio Lower Upper

76 100

78 32.5 0.0 65.2





#53

Dibromochloromethane

Concen: 105.129 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

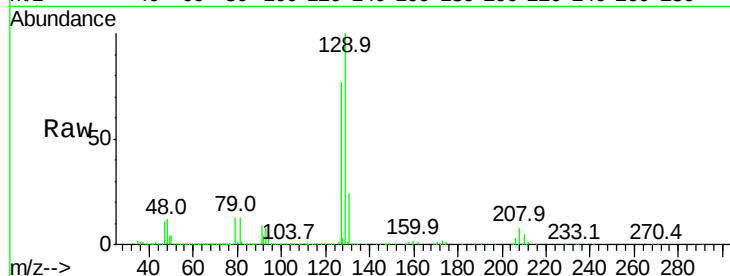
VSTDIC100

Tgt Ion:129 Resp: 341762

Ion Ratio Lower Upper

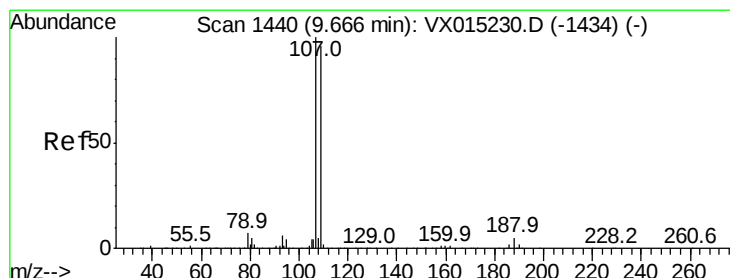
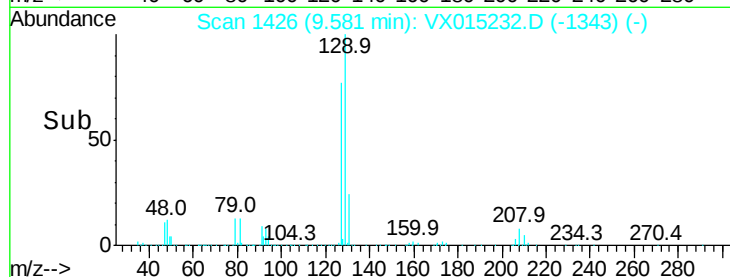
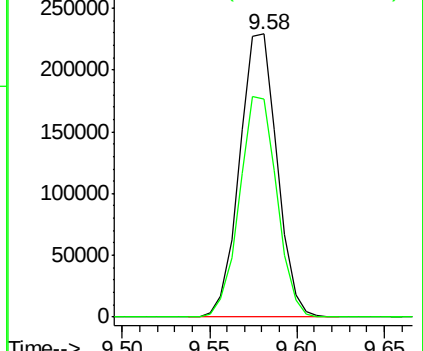
129 100

127 77.4 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 101.763 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015232.D

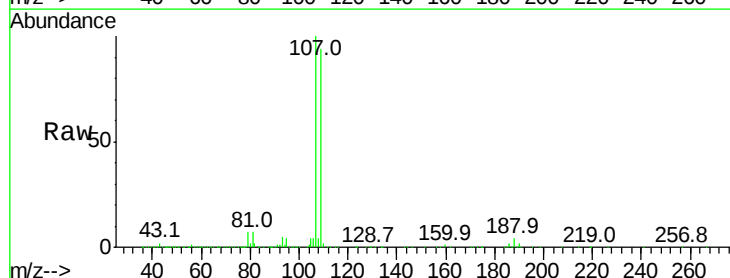
Acq: 12 Mar 2020 13:01

Tgt Ion:107 Resp: 324865

Ion Ratio Lower Upper

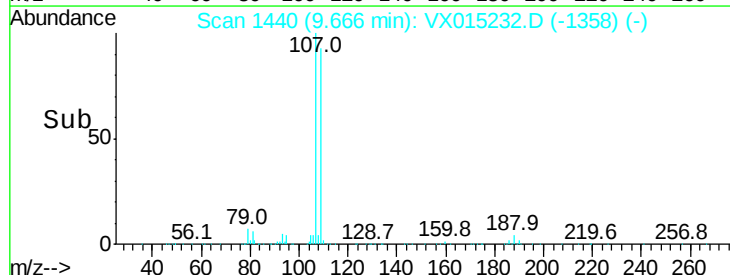
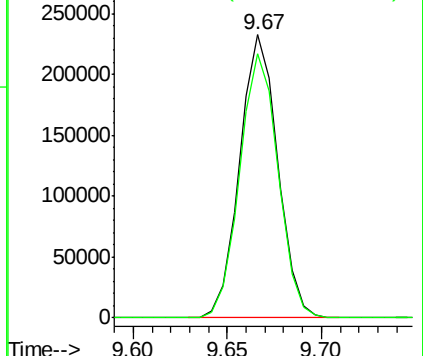
107 100

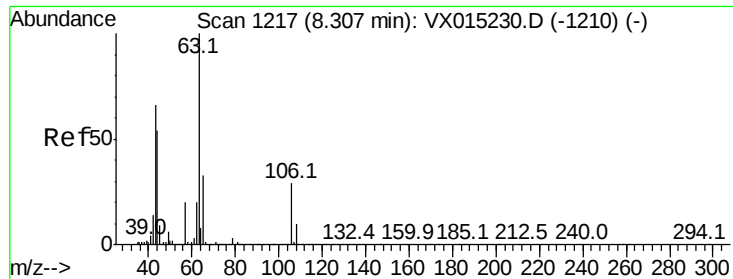
109 94.2 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

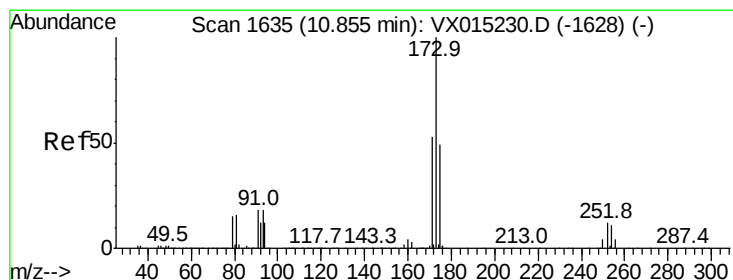
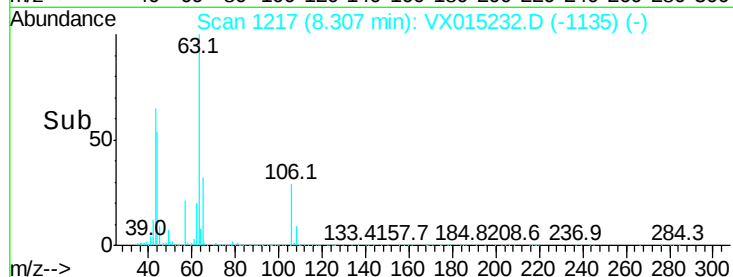
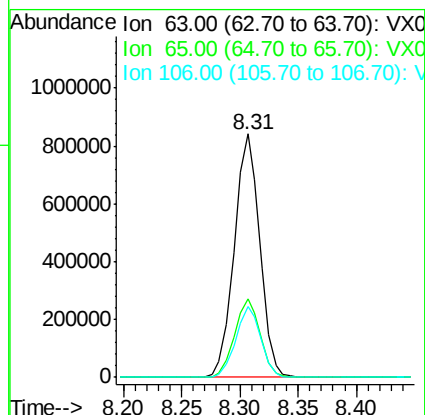
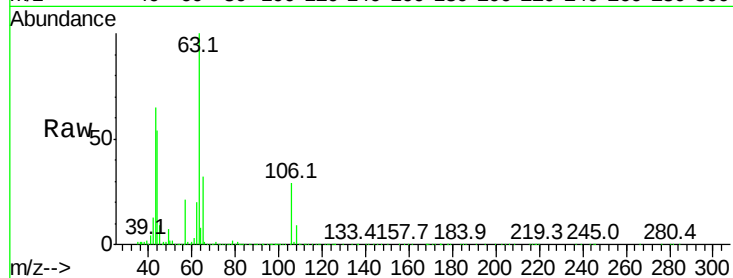




#55
2-Chloroethyl vinyl ether
Concen: 518.128 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

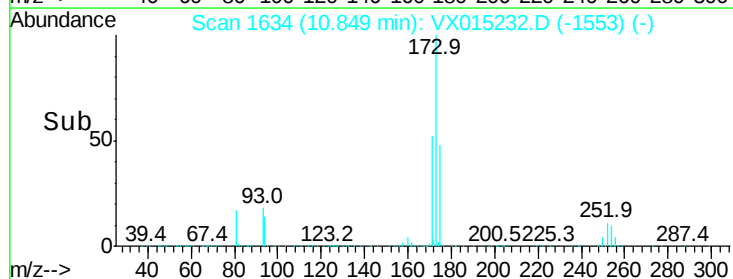
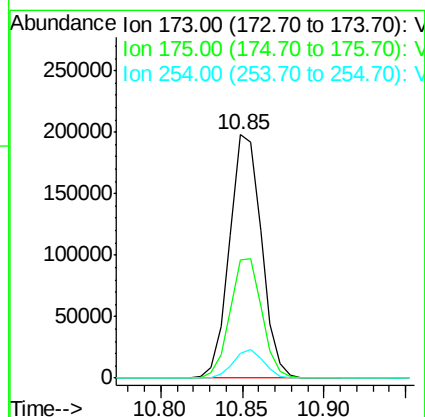
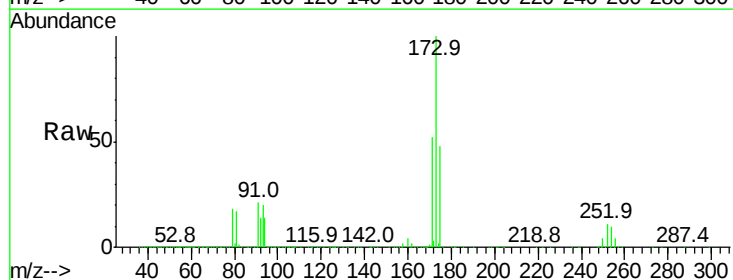
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

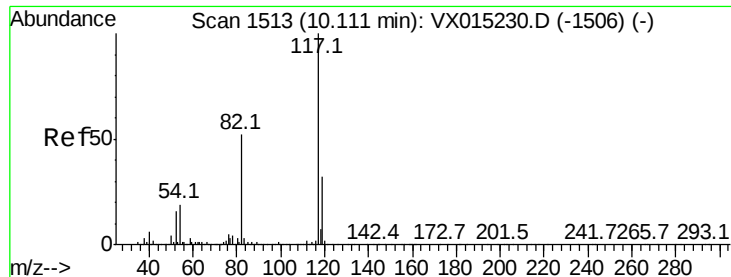
Tgt Ion: 63 Resp: 1280859
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 28.7 23.0 34.4



#56
Bromoform
Concen: 105.635 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 173 Resp: 269199
Ion Ratio Lower Upper
173 100
175 48.8 38.9 58.3
254 11.3 9.1 13.7

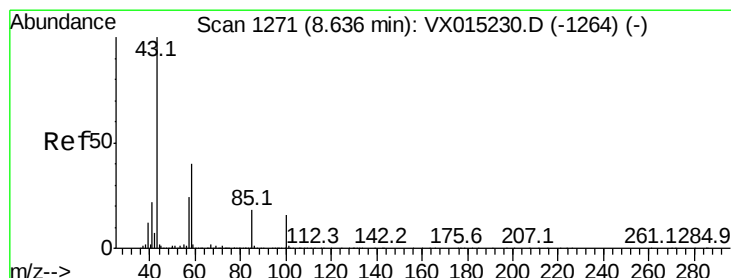
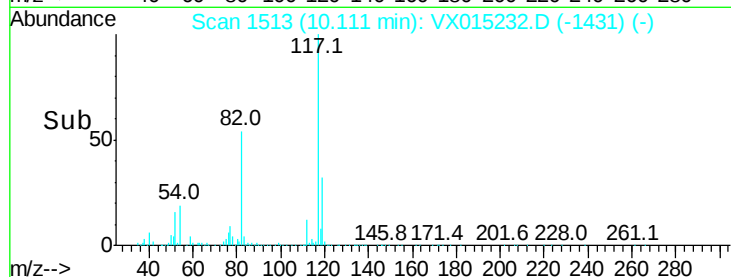
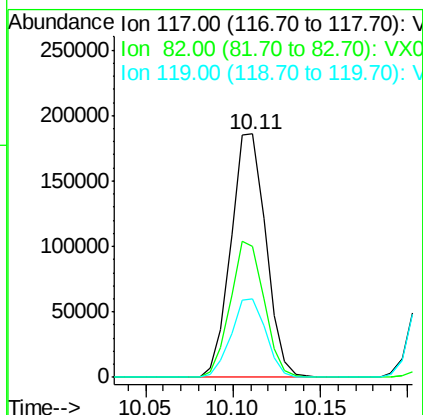
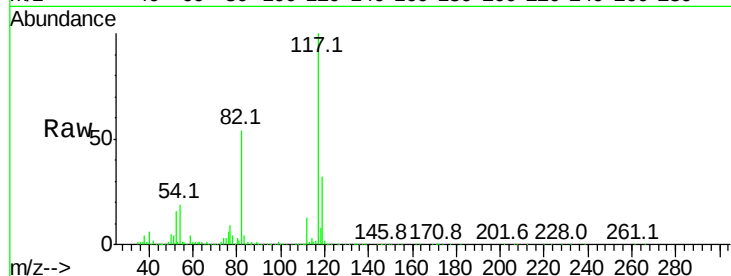




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

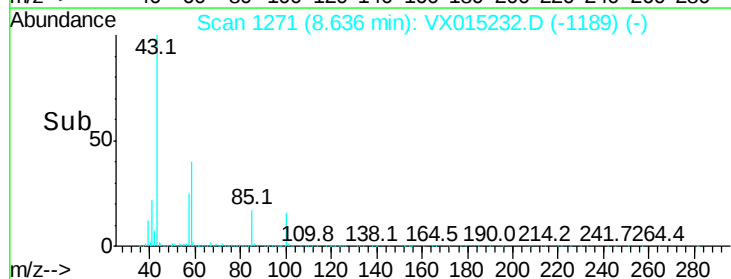
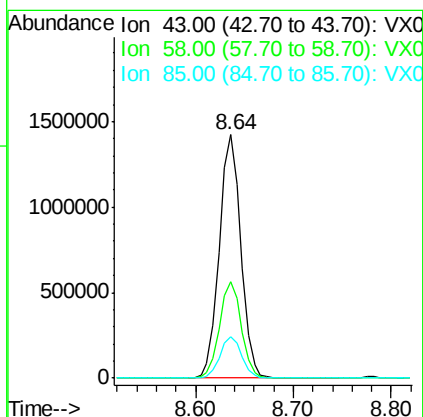
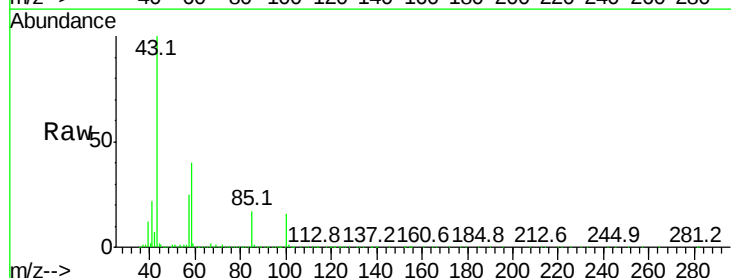
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

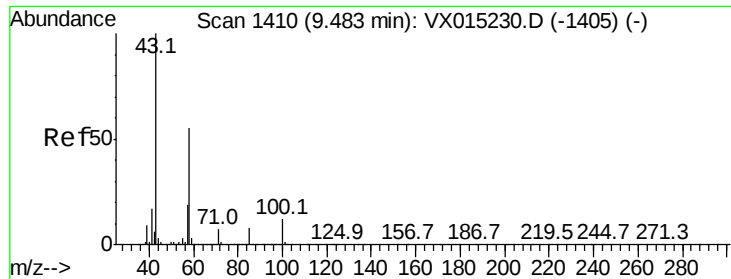
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.2	64.8
119	32.1	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 511.217 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.3	13.8	20.8

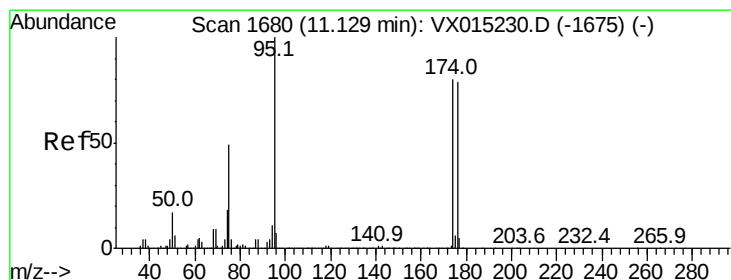
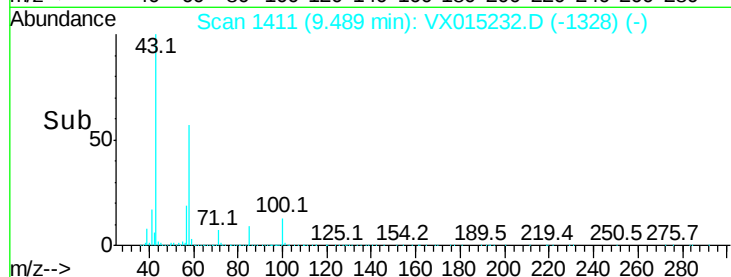
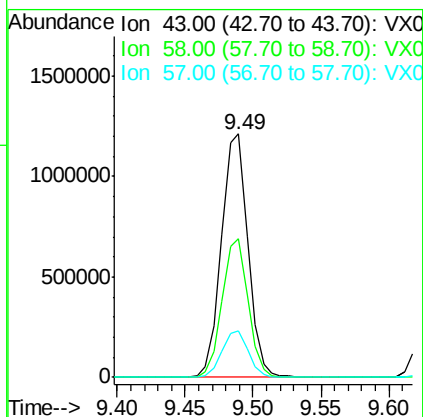
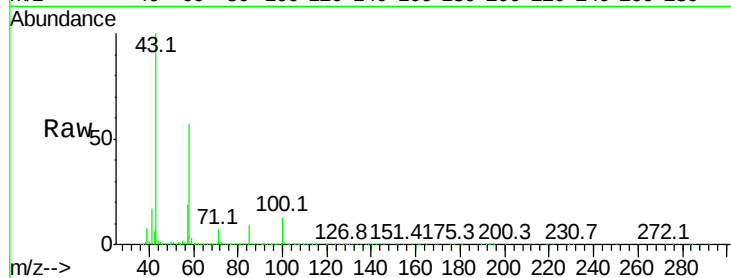




#59
2-Hexanone
Concen: 492.298 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

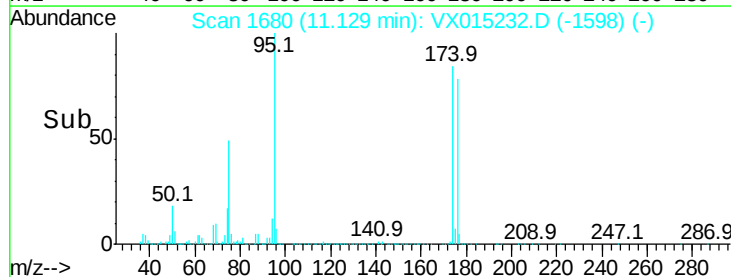
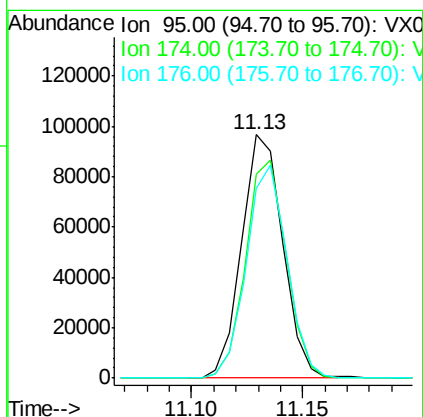
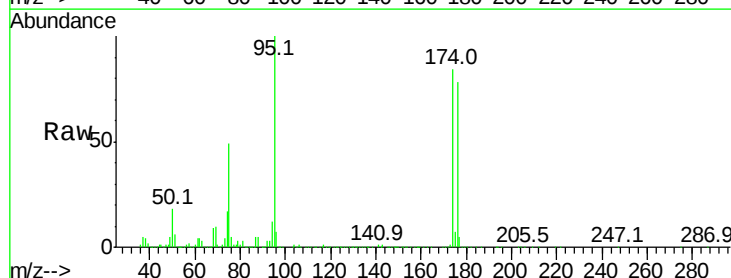
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

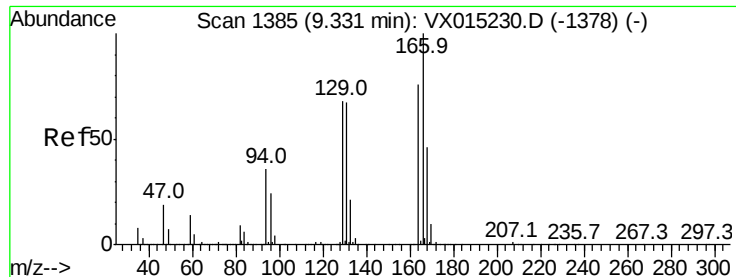
Tgt Ion: 43 Resp: 1637300
Ion Ratio Lower Upper
43 100
58 56.0 44.6 66.8
57 19.0 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 30.909 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 95 Resp: 125033
Ion Ratio Lower Upper
95 100
174 89.2 72.0 108.0
176 86.7 70.1 105.1





#61

Tetrachloroethene

Concen: 97.535 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 340248

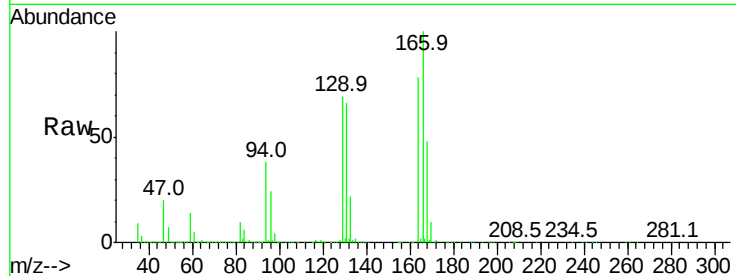
Ion Ratio Lower Upper

164 100

166 128.7 105.1 157.7

129 89.2 71.5 107.3

131 84.8 69.9 104.9

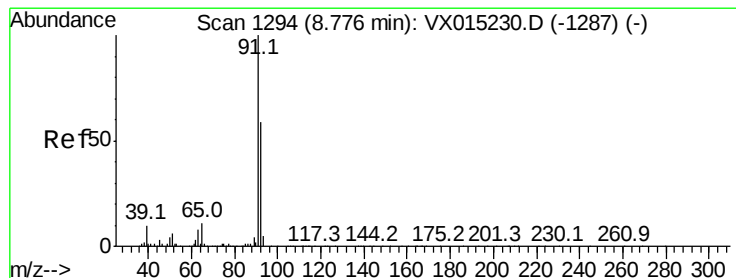
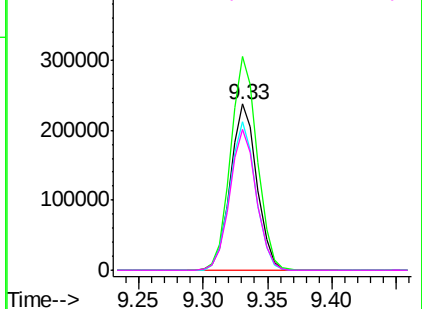
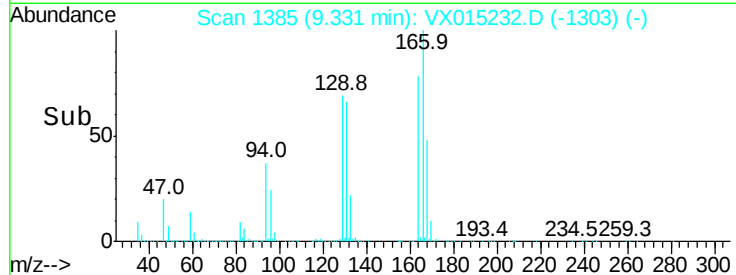


Abundance Ion 163.85 (163.55 to 164.55): V

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: 100.251 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015232.D

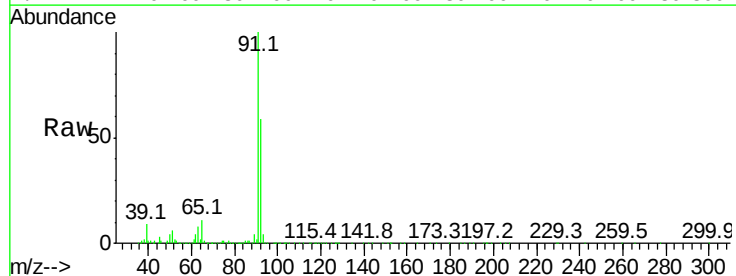
Acq: 12 Mar 2020 13:01

Tgt Ion: 91 Resp: 1333680

Ion Ratio Lower Upper

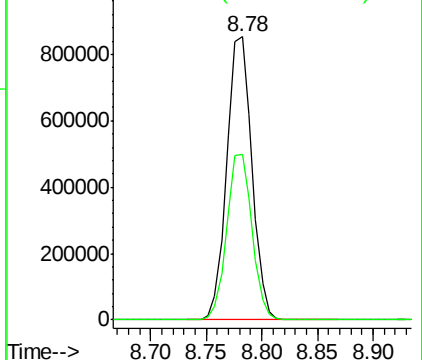
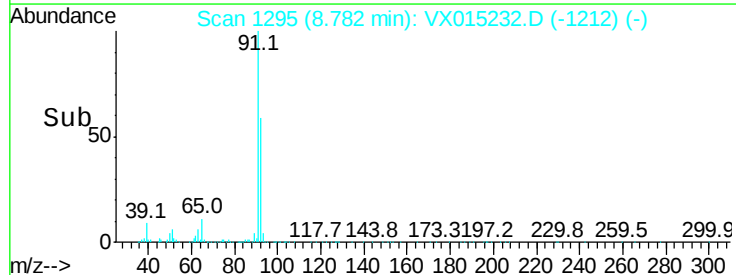
91 100

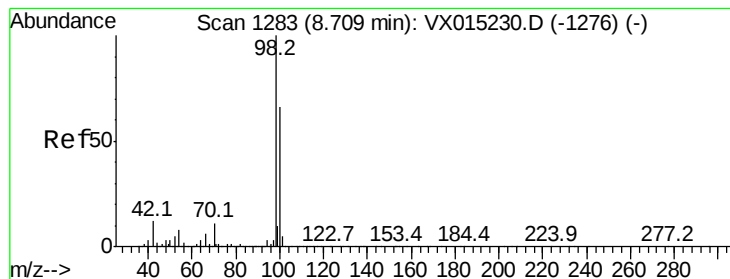
92 58.6 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.469 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

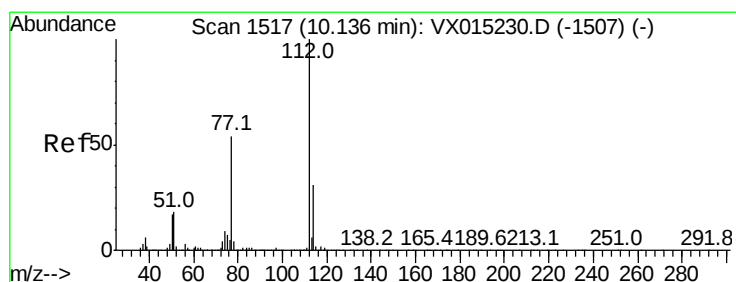
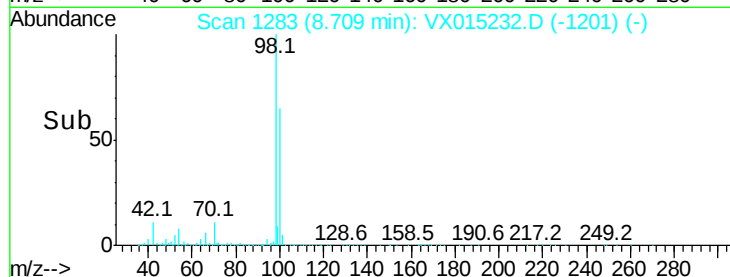
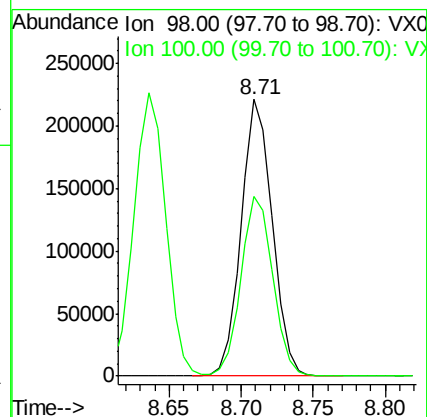
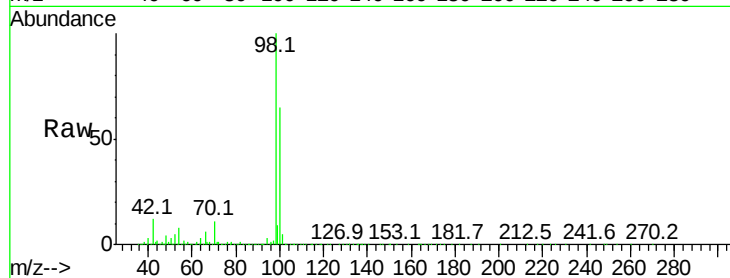
VSTDICC100

Tgt Ion: 98 Resp: 333769

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#64

Chlorobenzene

Concen: 99.692 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015232.D

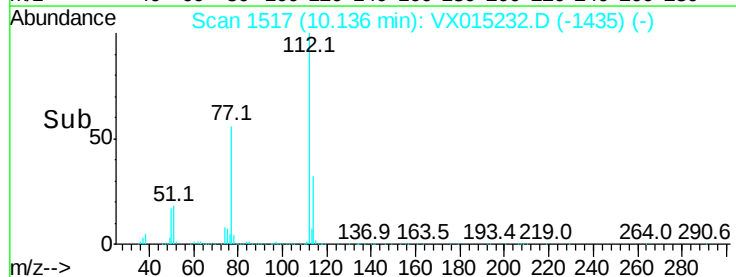
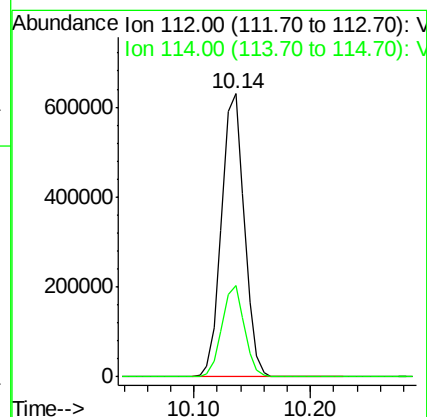
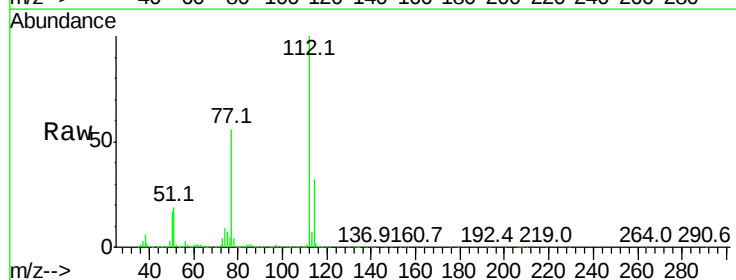
Acq: 12 Mar 2020 13:01

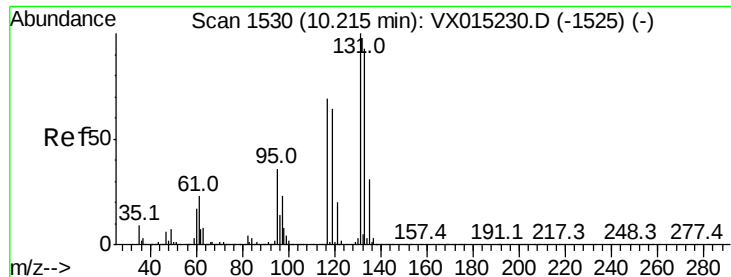
Tgt Ion: 112 Resp: 846531

Ion Ratio Lower Upper

112 100

114 32.4 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 99.847 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

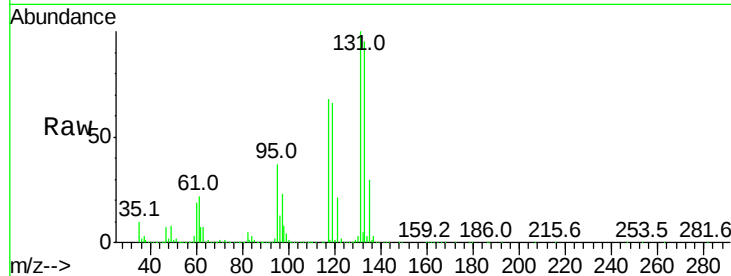
Tgt Ion:131 Resp: 314050

Ion Ratio Lower Upper

131 100

133 95.5 0.0 188.0

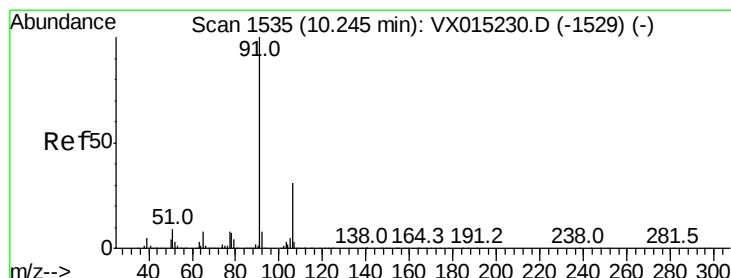
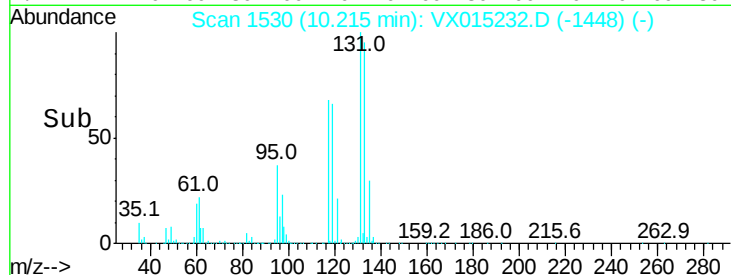
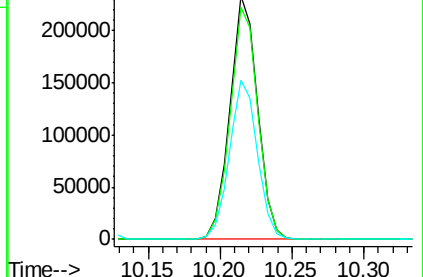
119 65.9 0.0 131.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 103.183 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015232.D

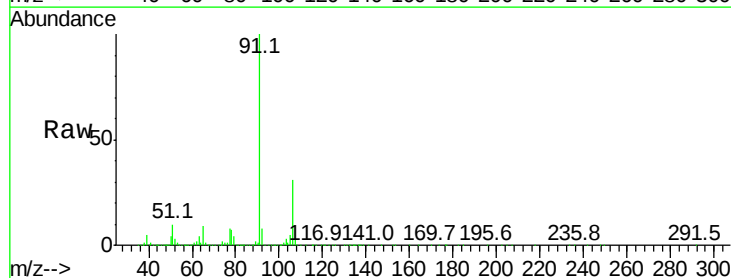
Acq: 12 Mar 2020 13:01

Tgt Ion: 91 Resp: 1512118

Ion Ratio Lower Upper

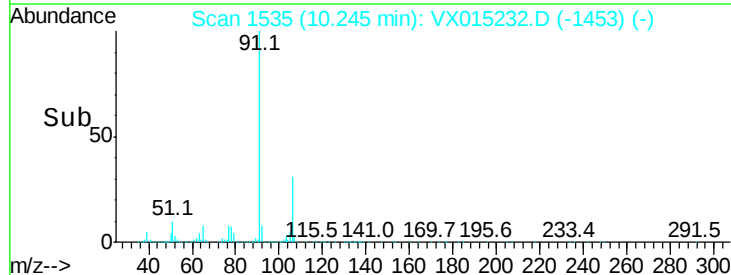
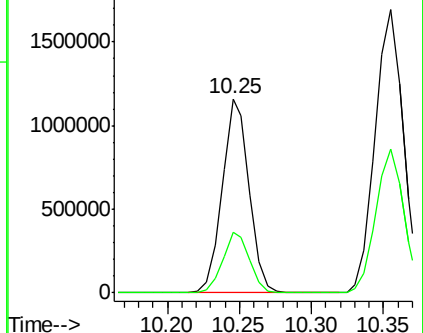
91 100

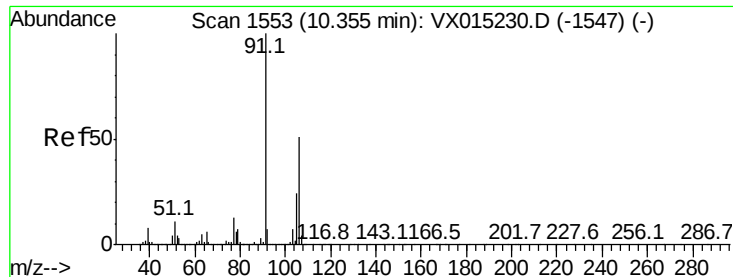
106 30.9 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 203.702 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

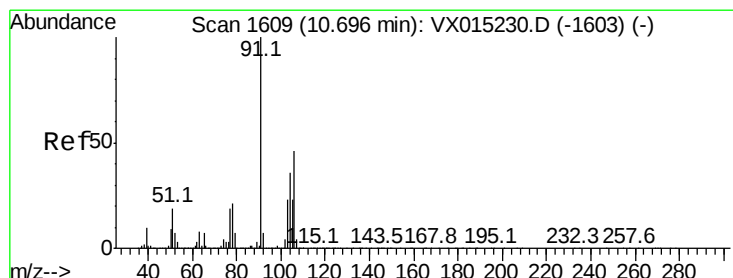
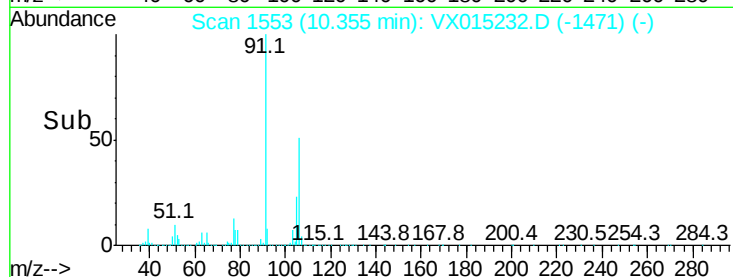
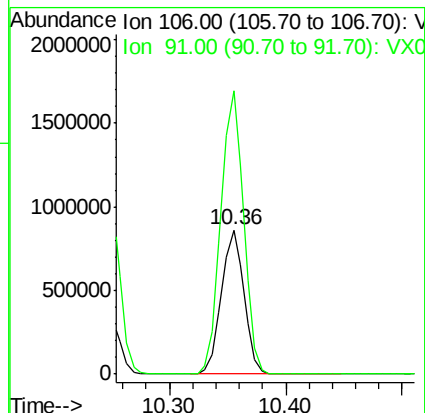
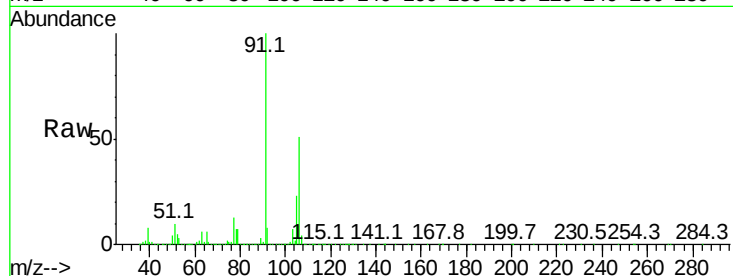
VSTDIC100

Tgt Ion:106 Resp: 1151114

Ion Ratio Lower Upper

106 100

91 197.9 160.1 240.1



#68

o-Xylene

Concen: 101.409 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015232.D

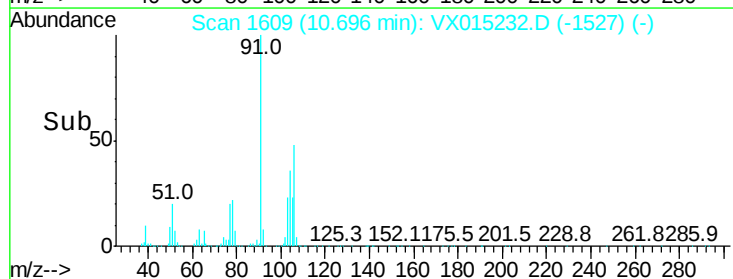
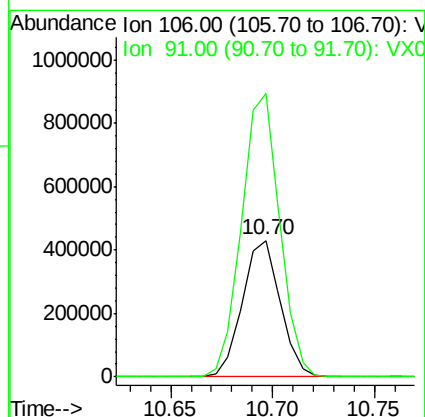
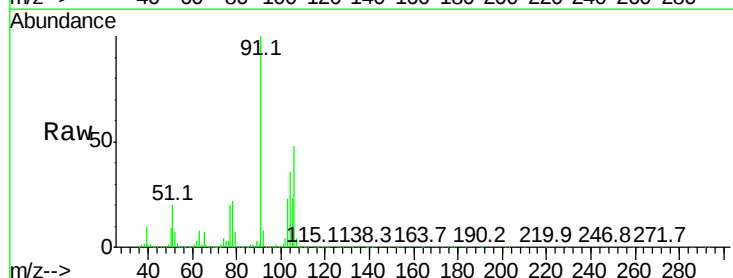
Acq: 12 Mar 2020 13:01

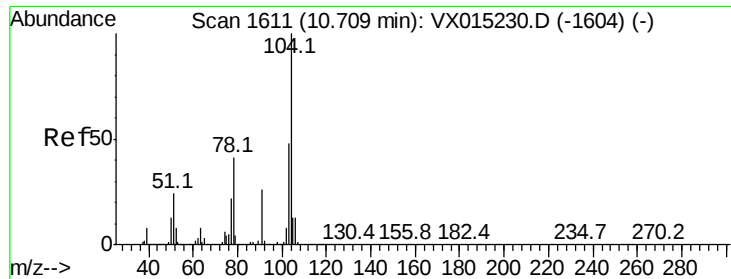
Tgt Ion:106 Resp: 554484

Ion Ratio Lower Upper

106 100

91 208.7 106.4 319.2

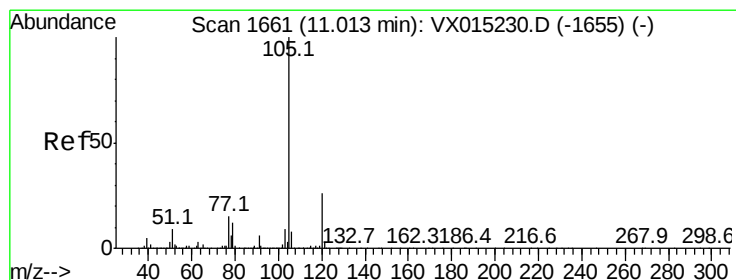
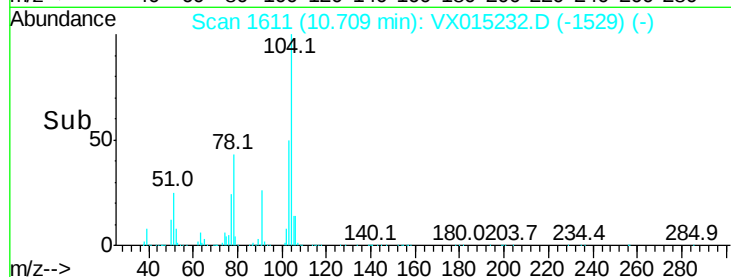
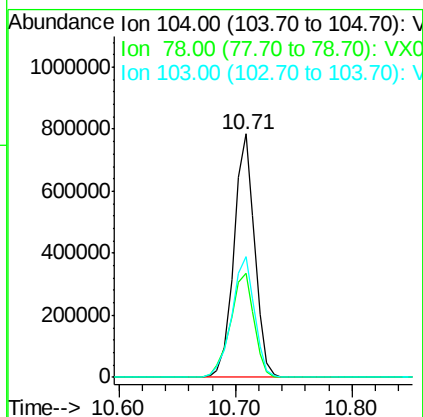
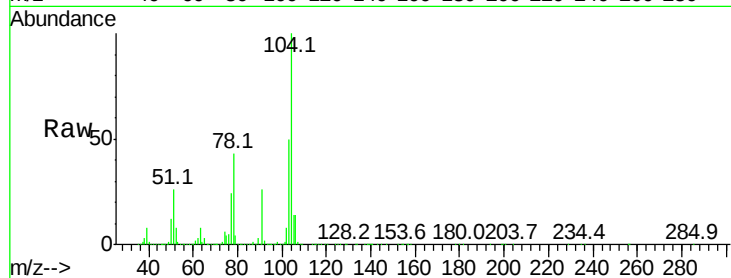




#69
Styrene
Concen: 104.200 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

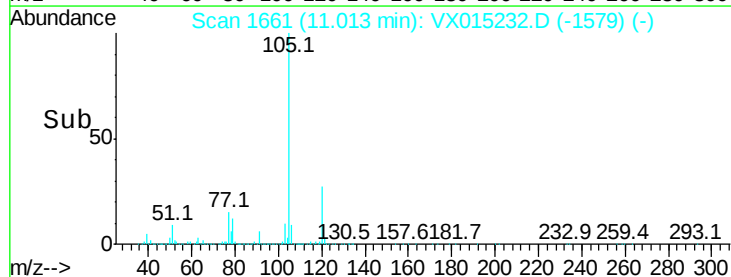
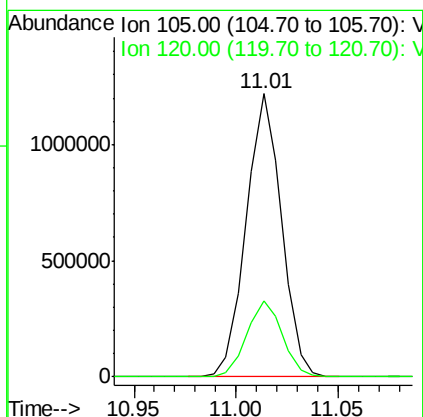
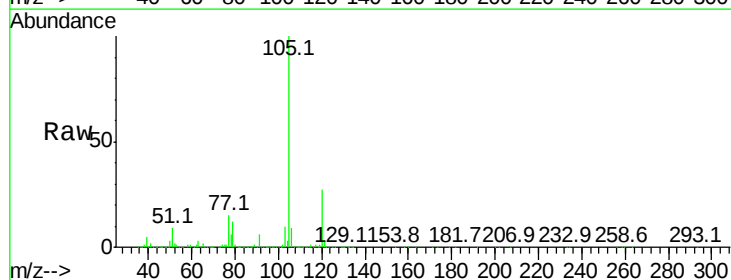
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

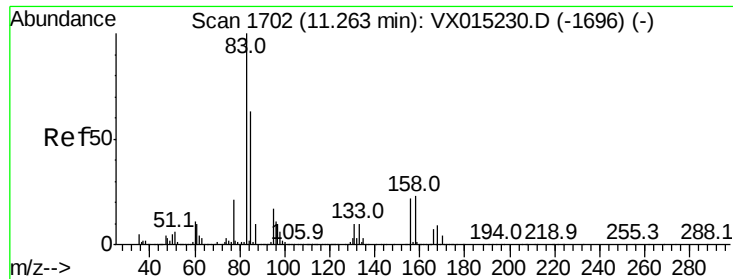
Tgt Ion:104 Resp: 973062
Ion Ratio Lower Upper
104 100
78 48.4 38.9 58.3
103 54.4 43.2 64.8



#70
Isopropylbenzene
Concen: 100.875 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion:105 Resp: 1465099
Ion Ratio Lower Upper
105 100
120 27.2 18.6 34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 98.702 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

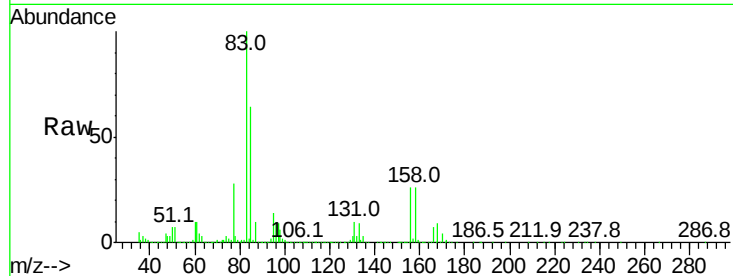
Tgt Ion: 83 Resp: 461563

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

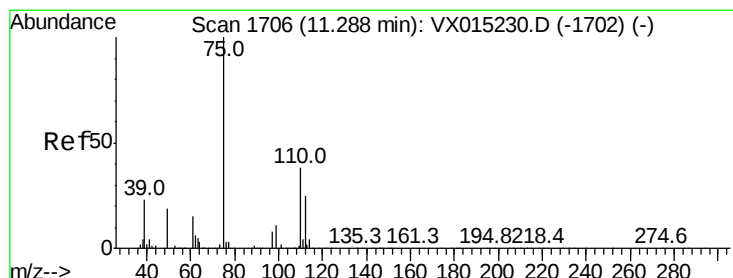
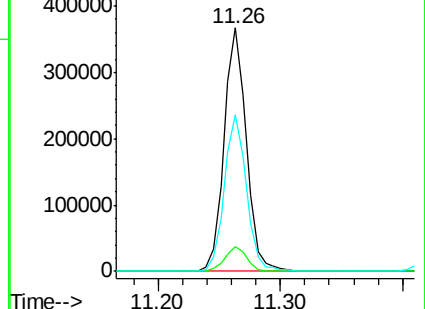
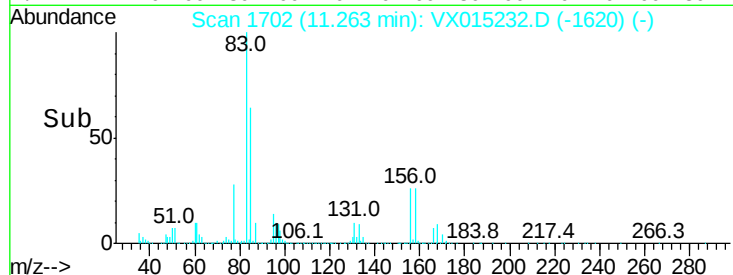
85 64.2 31.8 95.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 142.216 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015232.D

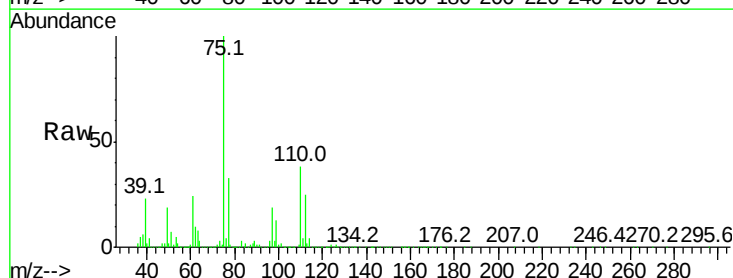
Acq: 12 Mar 2020 13:01

Tgt Ion: 75 Resp: 551647

Ion Ratio Lower Upper

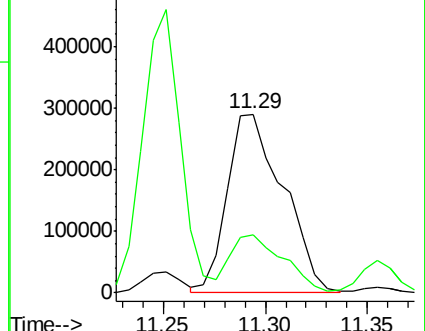
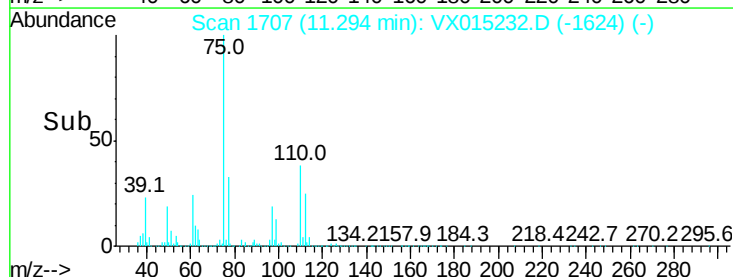
75 100

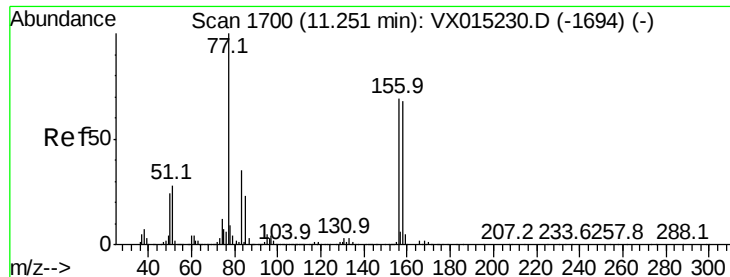
77 30.8 0.0 83.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

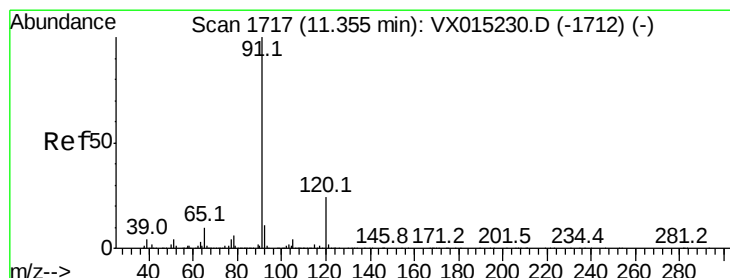
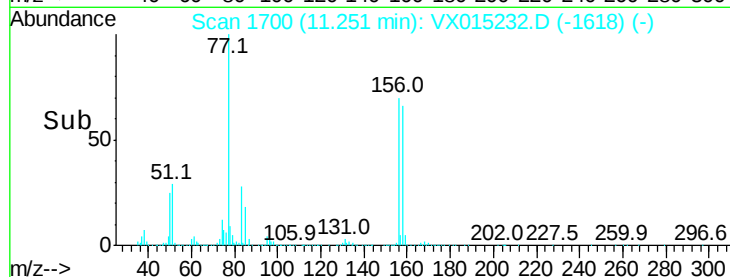
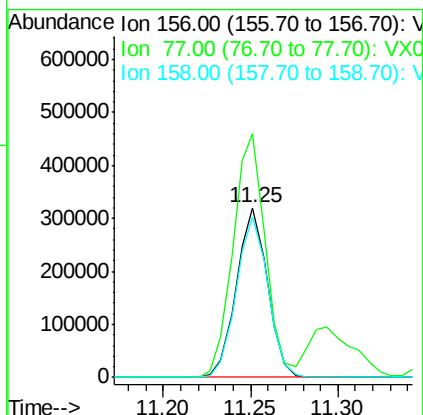
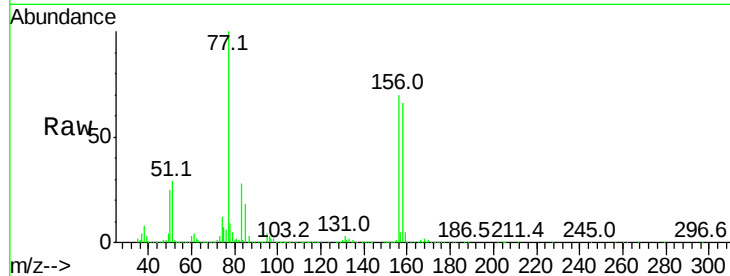




#73
Bromobenzene
Concen: 100.367 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

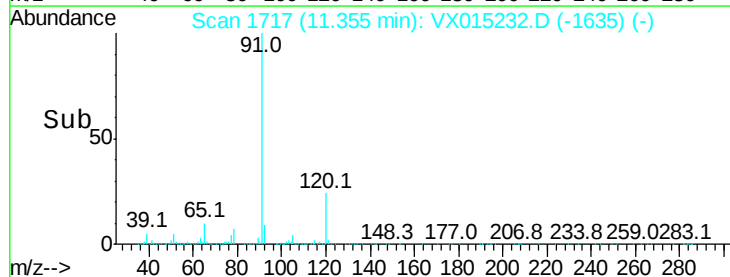
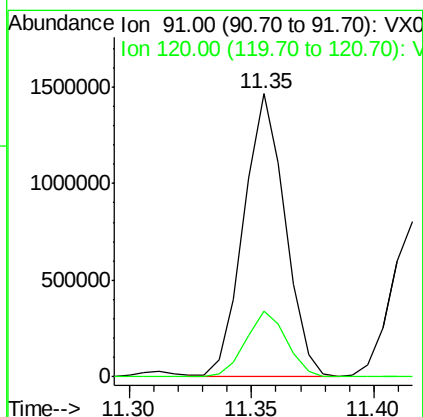
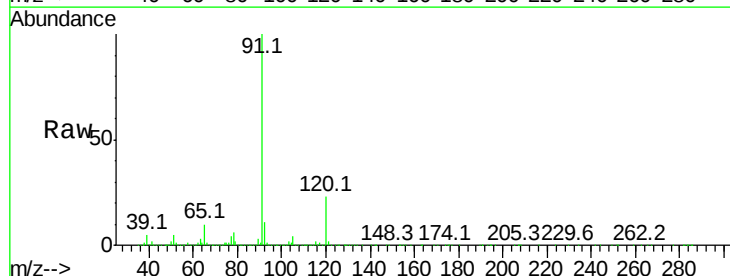
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

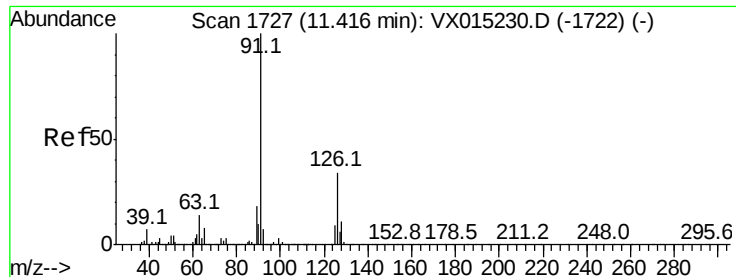
Tgt Ion:156 Resp: 393886
Ion Ratio Lower Upper
156 100
77 150.1 0.0 305.0
158 96.4 0.0 197.2



#74
n-propylbenzene
Concen: 104.173 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 91 Resp: 1722019
Ion Ratio Lower Upper
91 100
120 23.1 0.0 47.0





#75

2-Chlorotoluene

Concen: 101.842 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

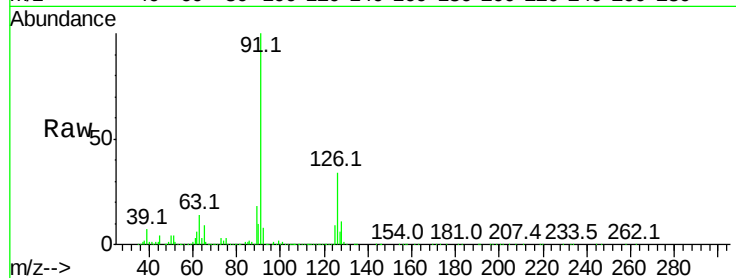
VSTDIC100

Tgt Ion: 91 Resp: 994857

Ion Ratio Lower Upper

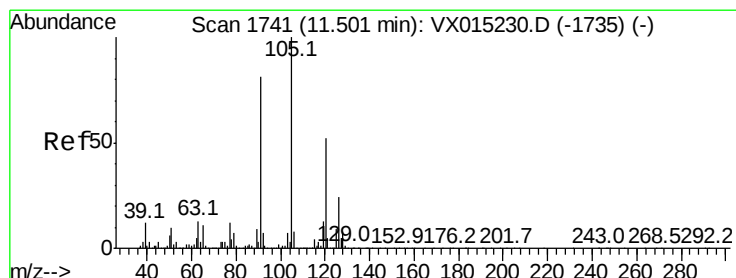
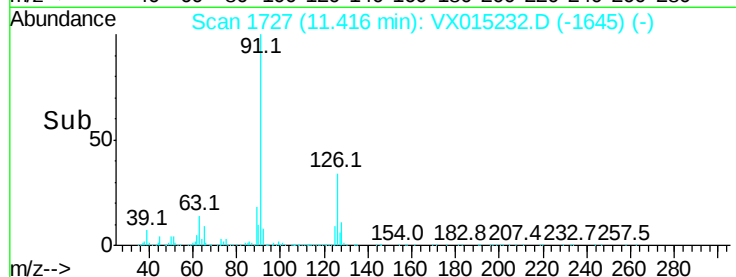
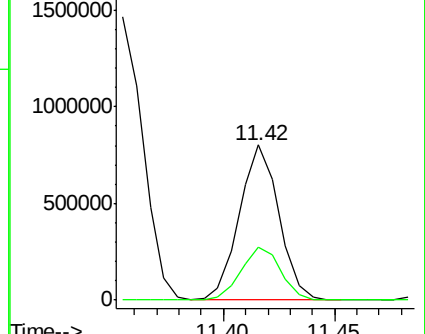
91 100

126 34.4 0.0 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 102.267 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015232.D

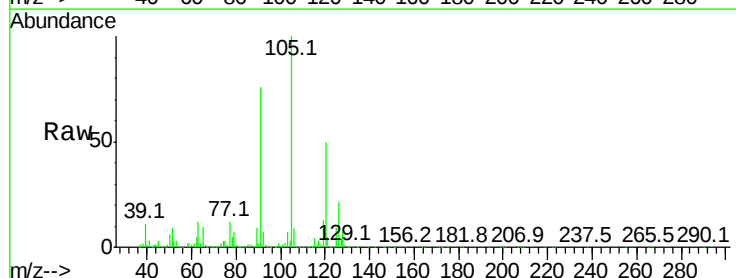
Acq: 12 Mar 2020 13:01

Tgt Ion: 105 Resp: 1244804

Ion Ratio Lower Upper

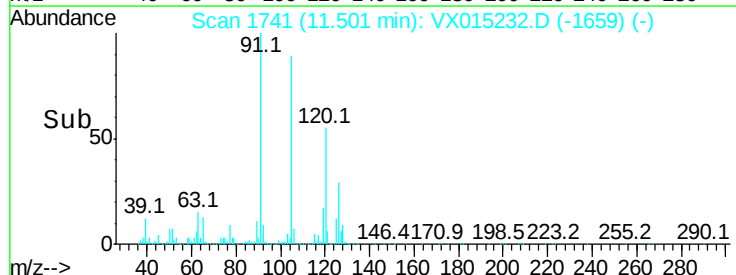
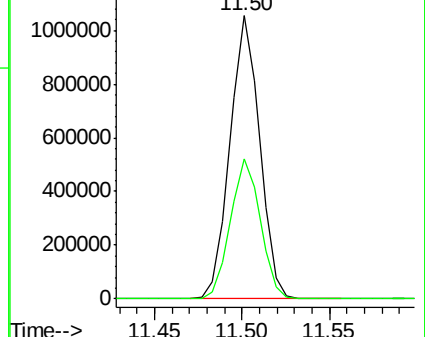
105 100

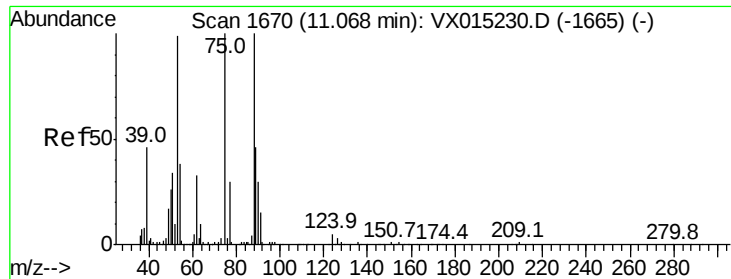
120 50.0 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



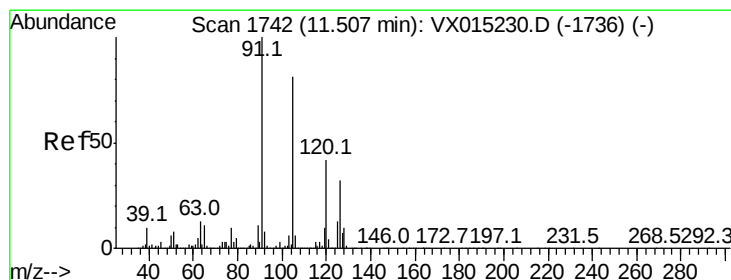
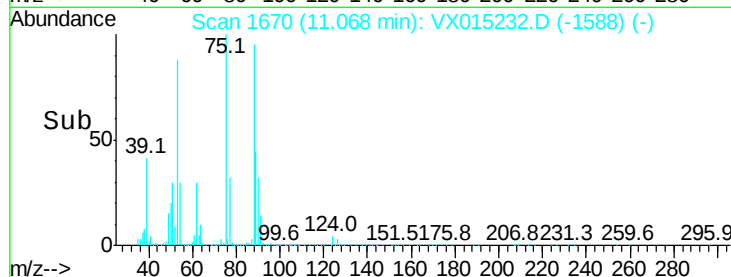
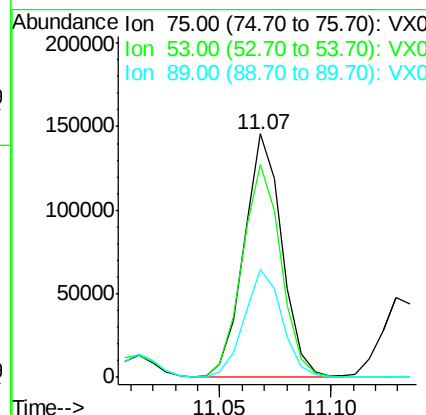
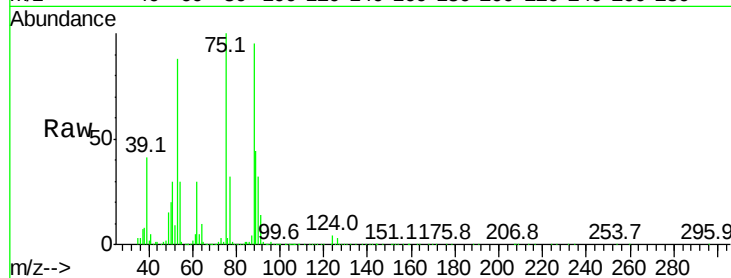


#77
t-1,4-Dichloro-2-butene
Concen: 110.442 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 172746

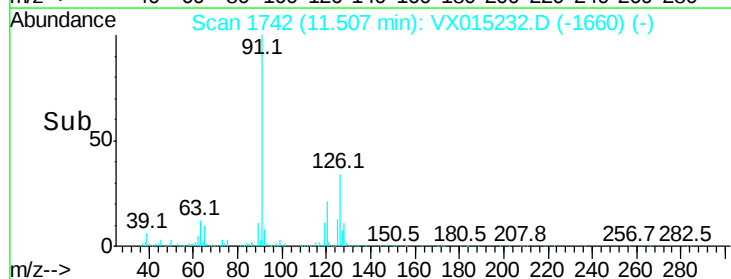
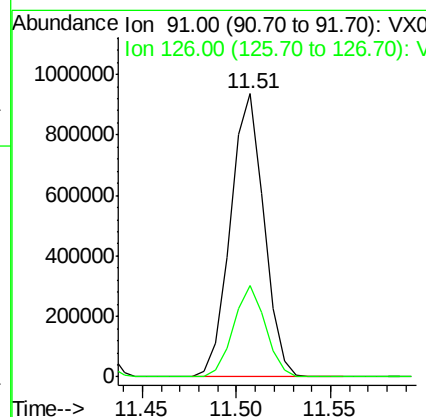
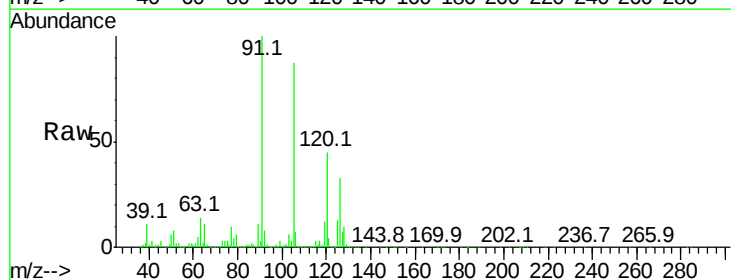
Ion	Ratio	Lower	Upper
75	100		
53	87.5	49.5	148.3
89	44.0	22.9	68.8

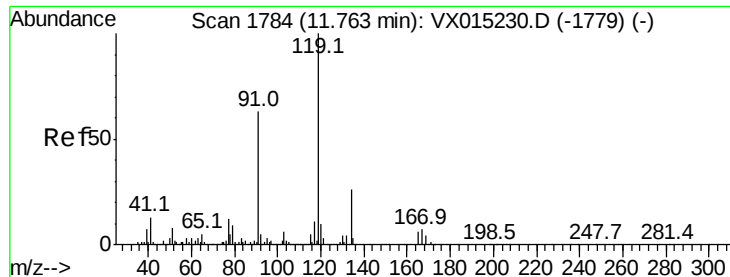


#78
4-Chlorotoluene
Concen: 102.214 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion: 91 Resp: 1154975

Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	61.4

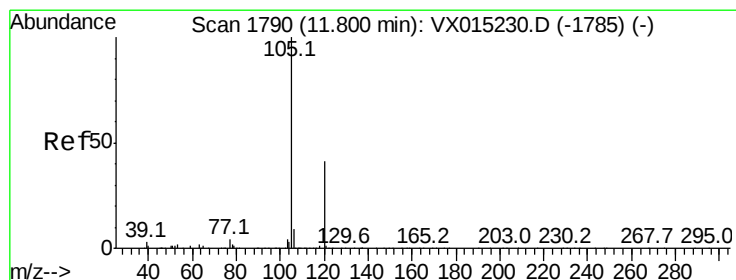
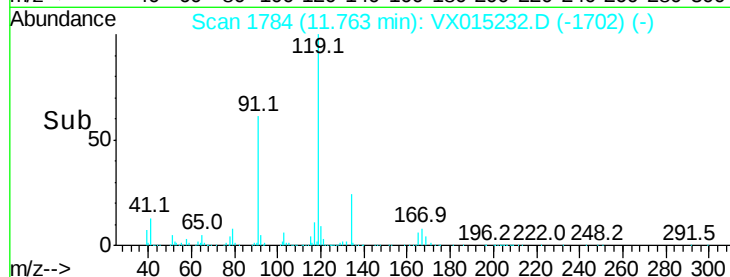
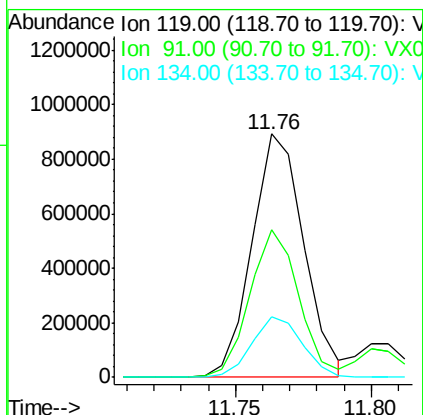
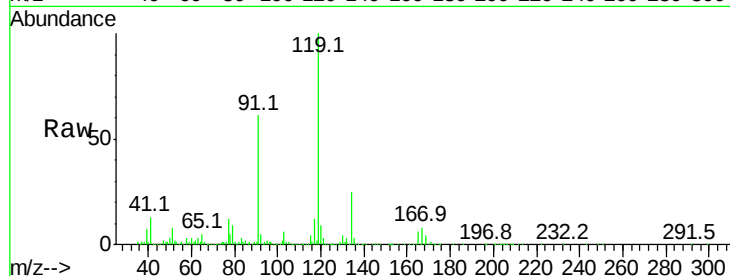




#79
tert-butylbenzene
Concen: 100.081 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

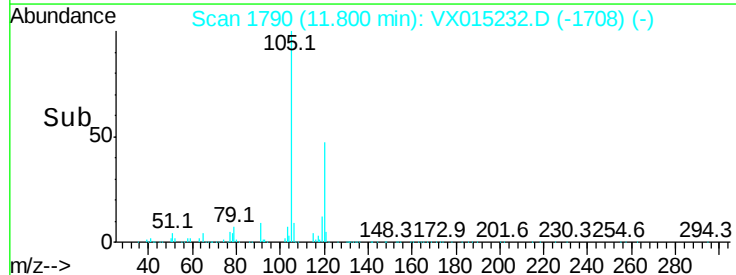
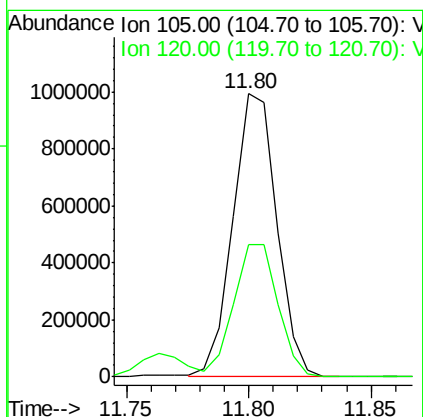
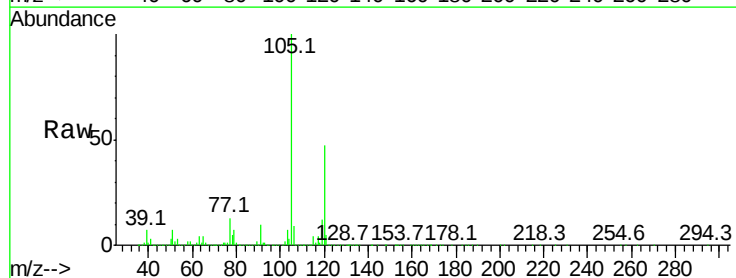
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

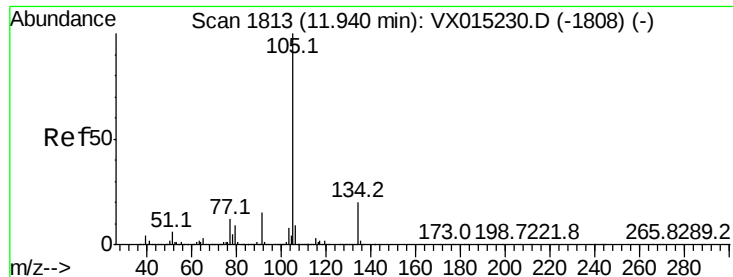
Tgt Ion:119 Resp: 1176920
Ion Ratio Lower Upper
119 100
91 57.4 0.0 115.4
134 24.4 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 102.271 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015232.D
Acq: 12 Mar 2020 13:01

Tgt Ion:105 Resp: 1237600
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.2

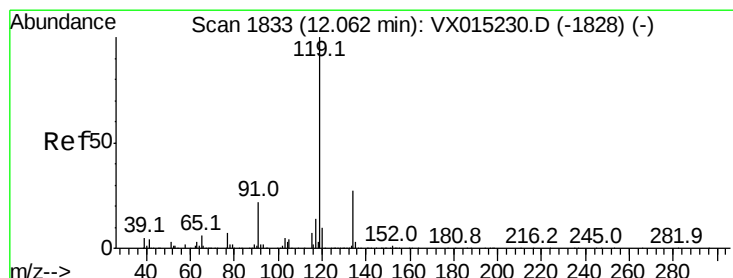
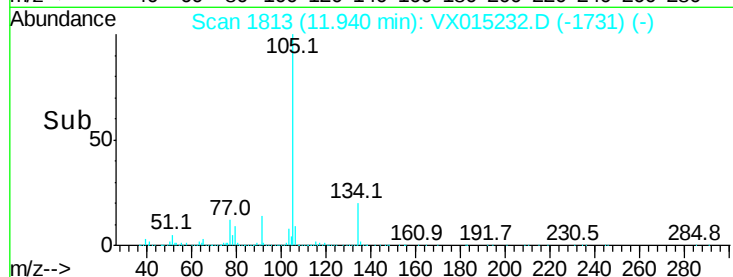
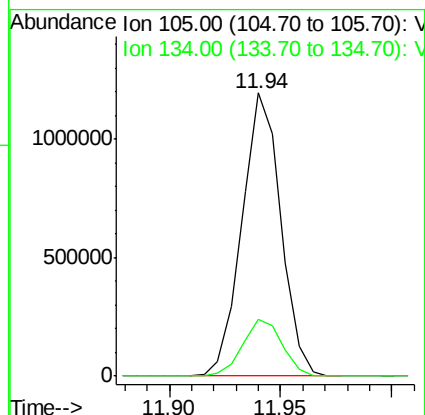
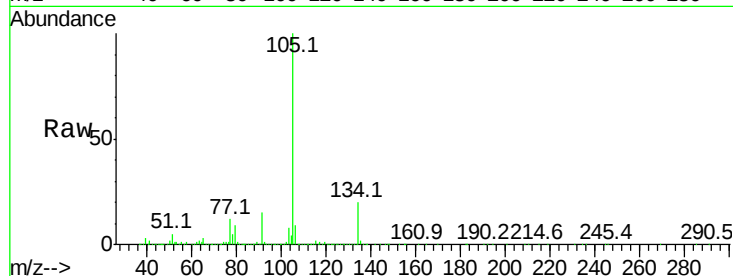




#81
 sec-Butylbenzene
 Concen: 103.412 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

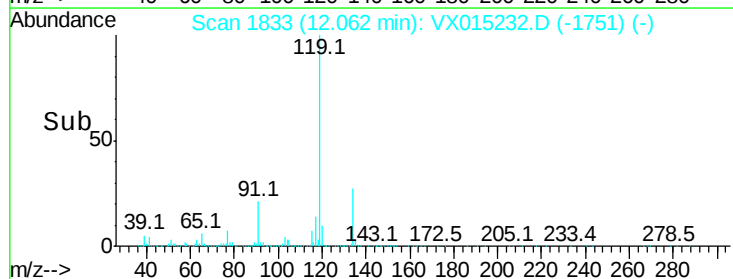
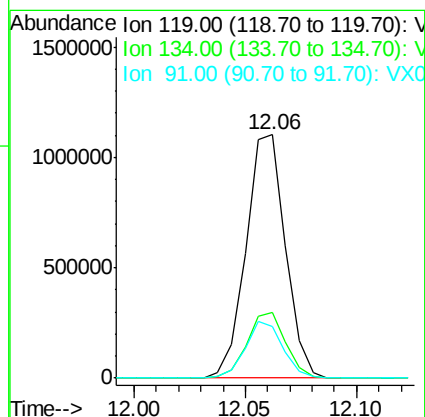
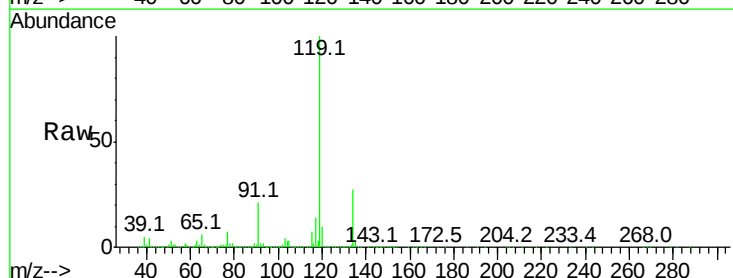
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

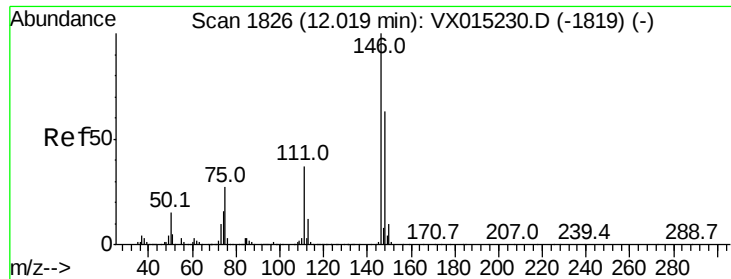
Tgt Ion:105 Resp: 1456350
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 103.780 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015232.D
 Acq: 12 Mar 2020 13:01

Tgt Ion:119 Resp: 1357804
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.6
 91 22.2 0.0 43.6





#83

1,3-Dichlorobenzene

Concen: 102.378 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

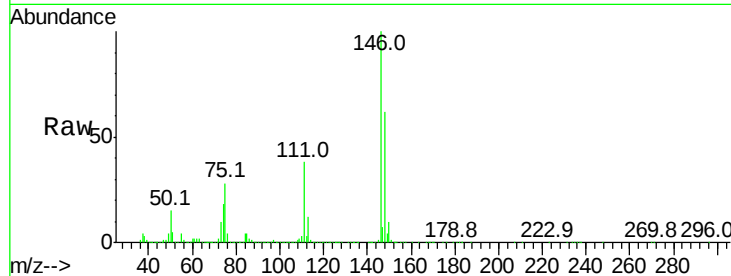
Tgt Ion:146 Resp: 704312

Ion Ratio Lower Upper

146 100

111 38.3 18.8 56.4

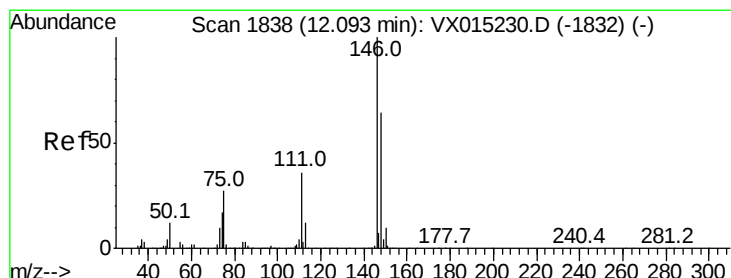
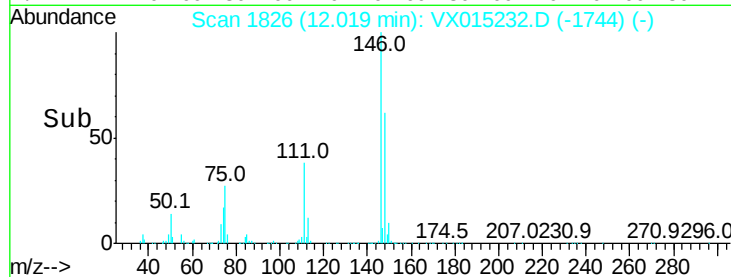
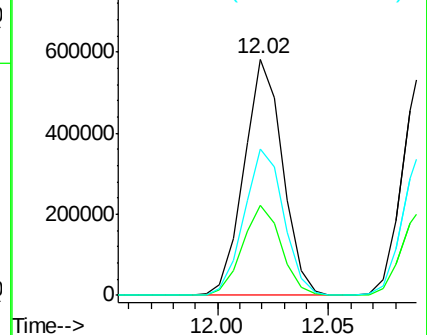
148 63.7 31.9 95.7



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: 102.651 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

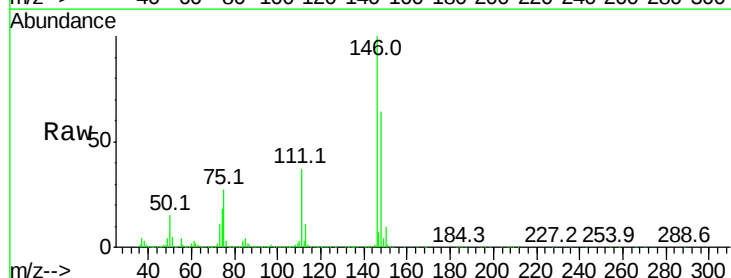
Tgt Ion:146 Resp: 711132

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.0

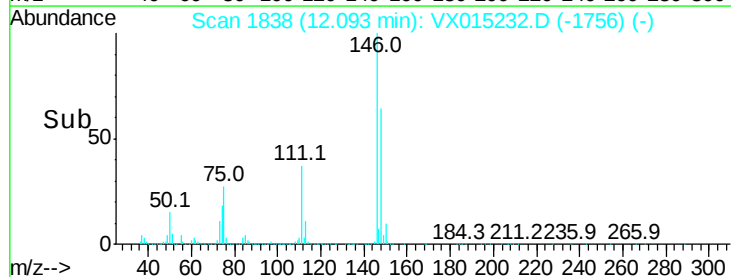
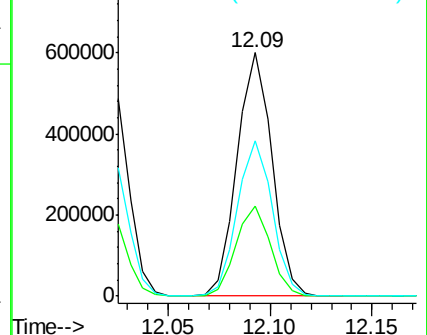
148 63.9 31.9 95.9

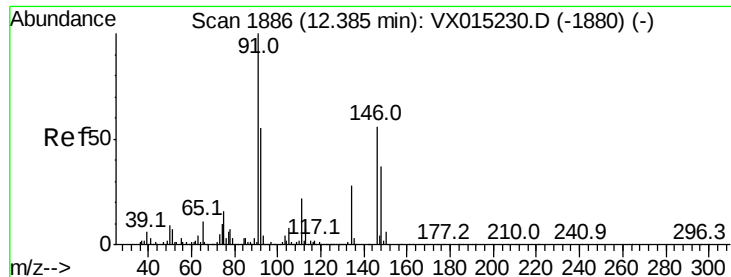


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 107.623 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

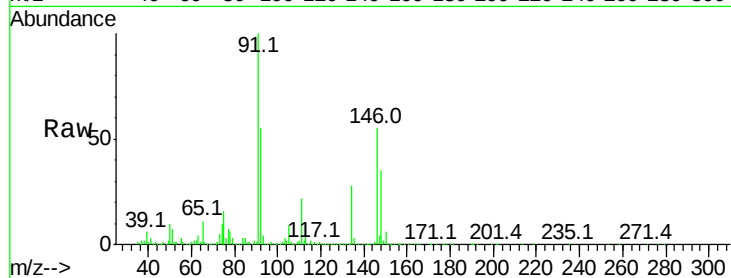
Tgt Ion: 91 Resp: 1225313

Ion Ratio Lower Upper

91 100

92 54.8 0.0 109.4

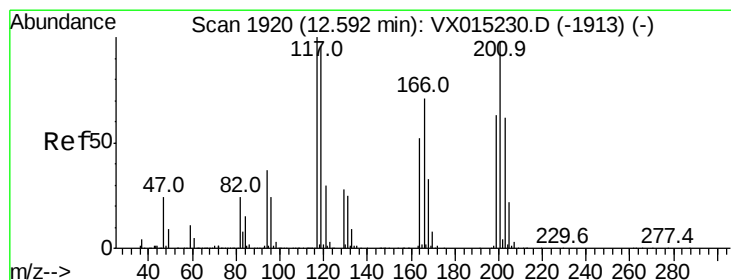
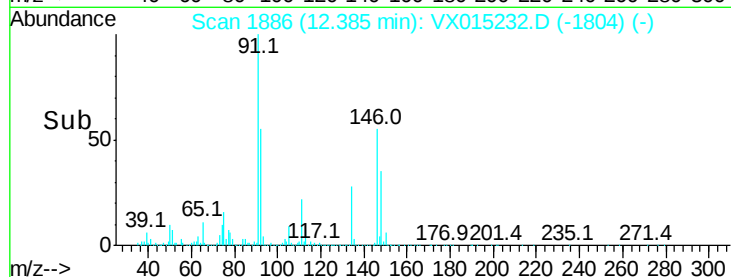
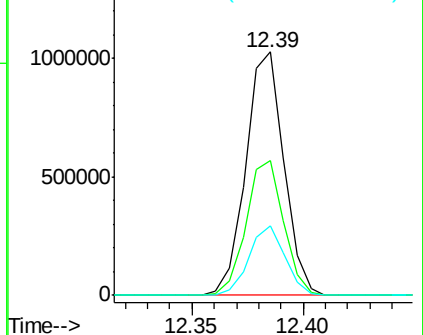
134 27.2 0.0 53.0



Abundance Ion 91.00 (90.70 to 91.70): VX015232.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX015232.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX015232.D (-1880) (-)



#86

Hexachloroethane

Concen: 103.701 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015232.D

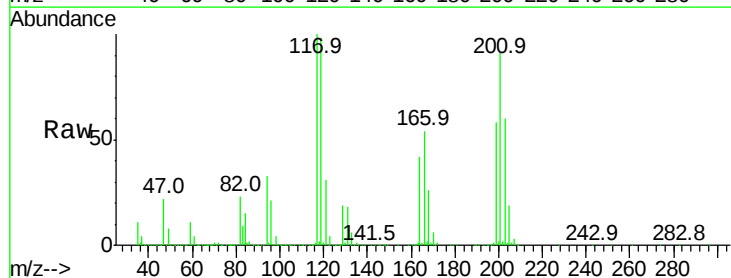
Acq: 12 Mar 2020 13:01

Tgt Ion: 117 Resp: 245241

Ion Ratio Lower Upper

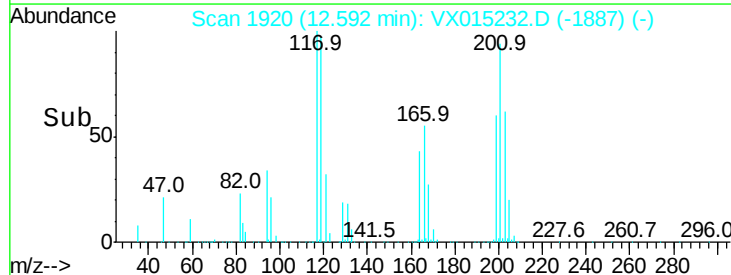
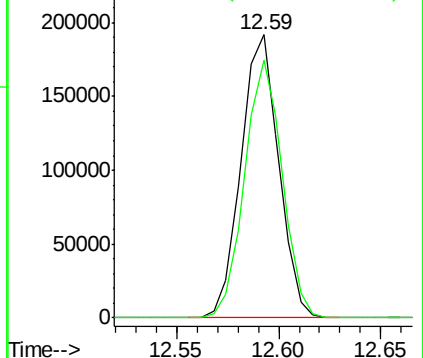
117 100

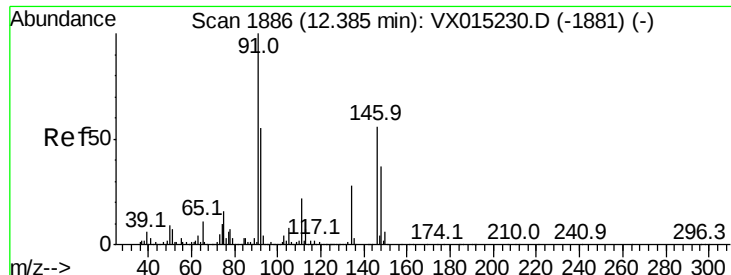
201 91.3 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): VX015232.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX015232.D (-1887) (-)





#87

1,2-Dichlorobenzene

Concen: 100.093 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

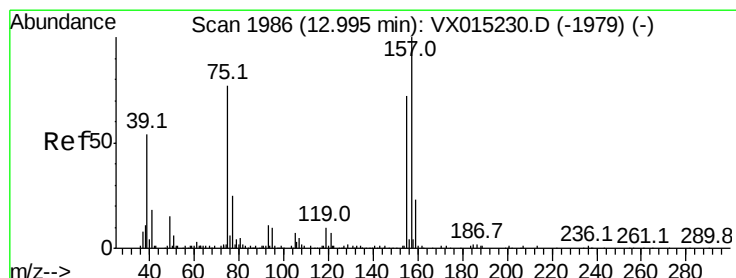
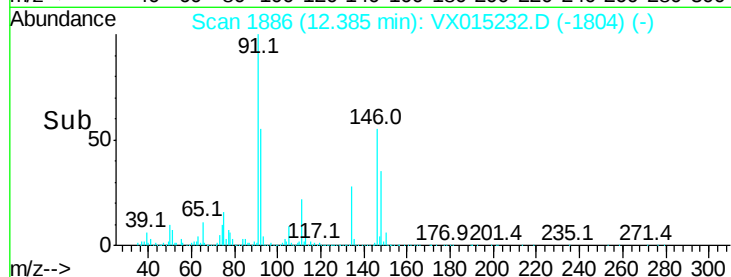
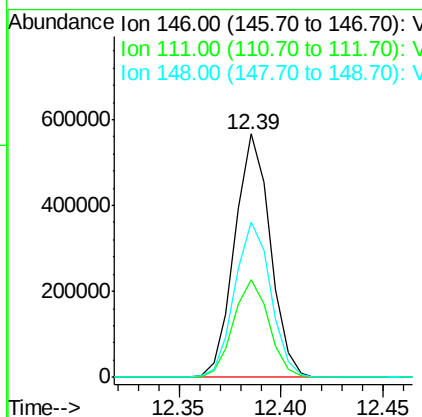
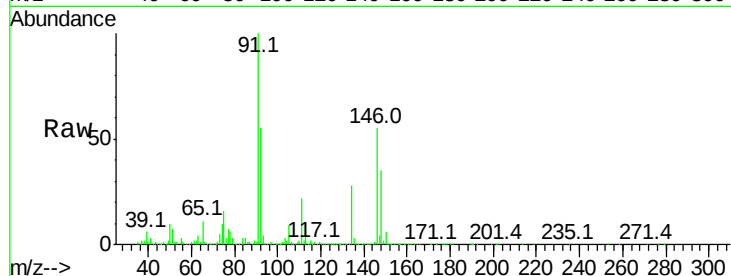
Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 685210

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.4
148	64.5	32.4	97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 99.467 ug/l

RT: 12.99 min Scan# 1986

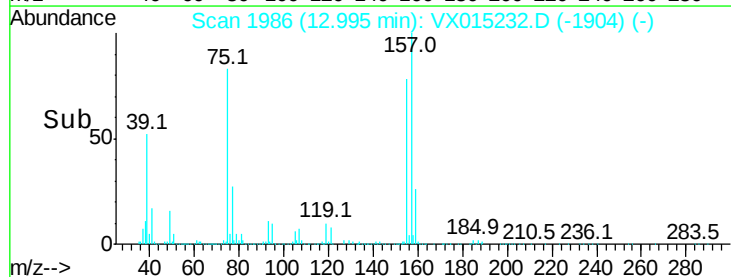
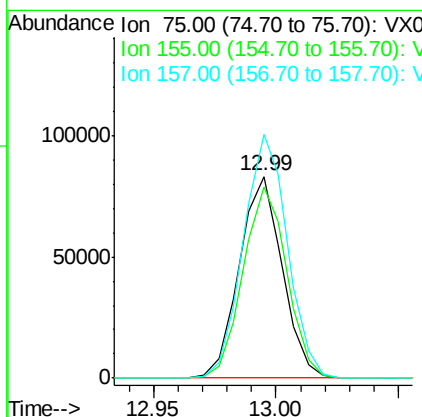
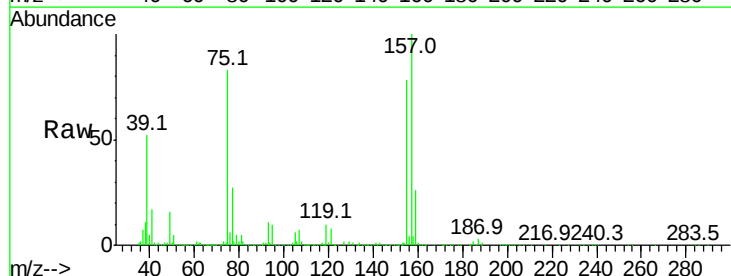
Delta R.T. -0.00 min

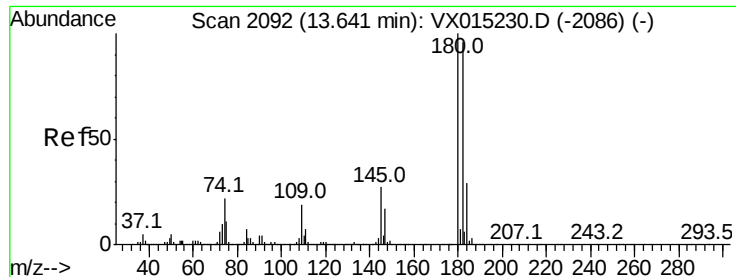
Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Tgt Ion: 75 Resp: 101301

Ion	Ratio	Lower	Upper
75	100		
155	96.7	77.5	116.3
157	124.2	103.0	154.4





#89

1,2,4-Trichlorobenzene

Concen: 106.684 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

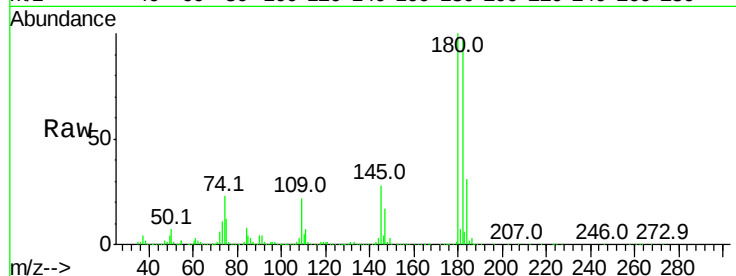
Tgt Ion:180 Resp: 525201

Ion Ratio Lower Upper

180 100

182 96.1 76.6 115.0

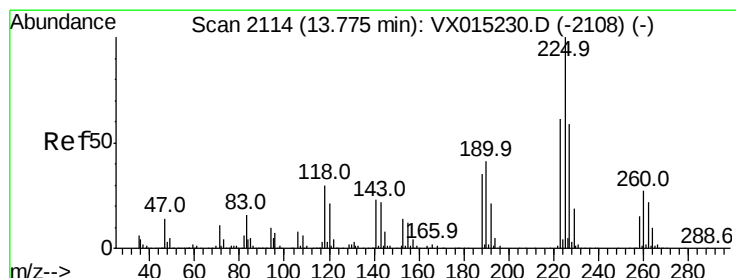
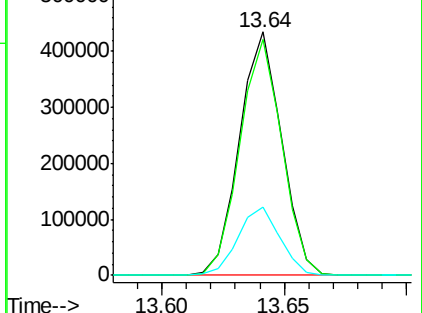
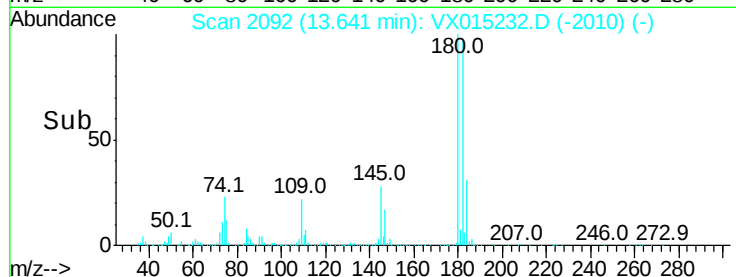
145 27.9 22.7 34.1



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: 105.667 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

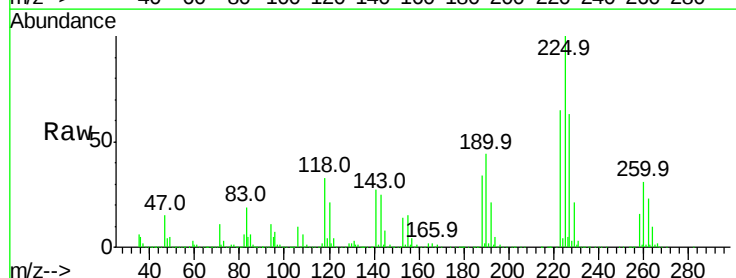
Tgt Ion:225 Resp: 258344

Ion Ratio Lower Upper

225 100

223 63.5 0.0 125.0

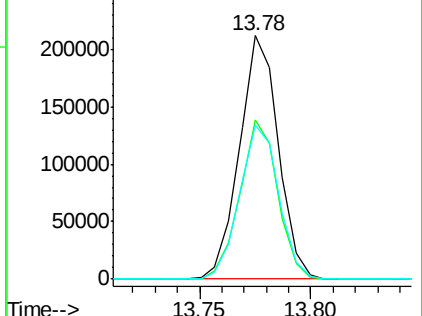
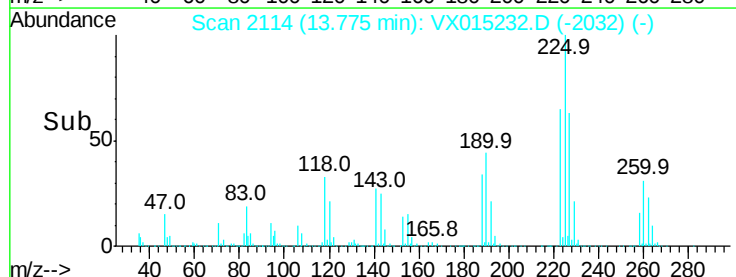
227 63.7 0.0 126.2

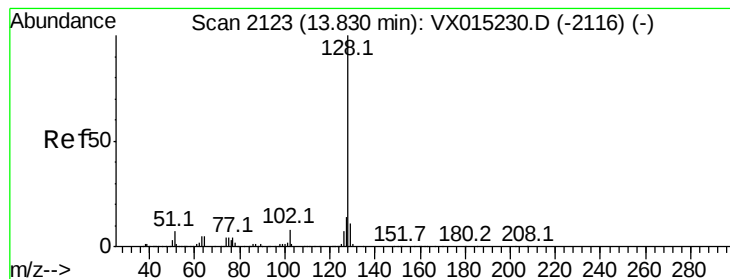


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 107.256 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

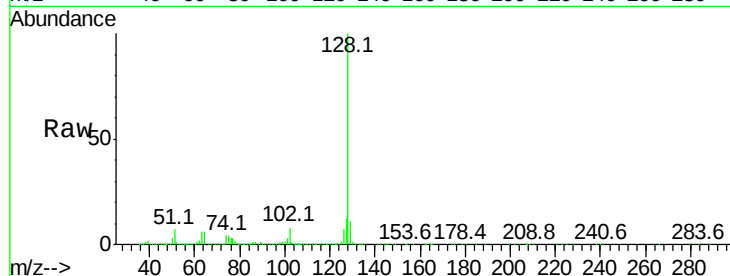
Tgt Ion:128 Resp: 1494871

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

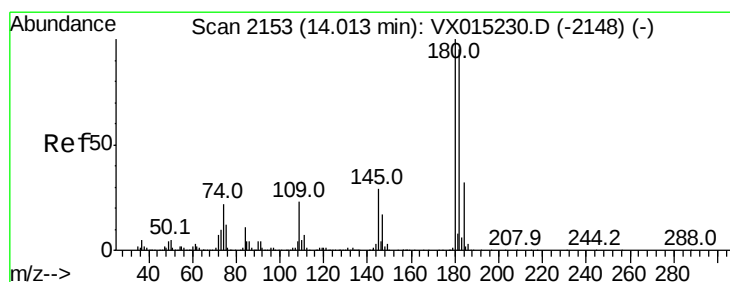
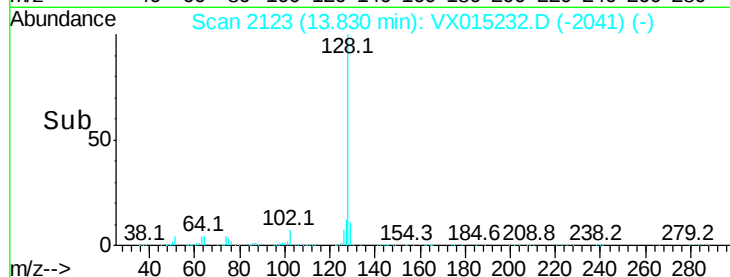
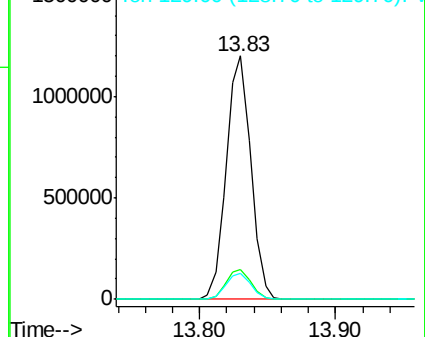
129 10.7 8.7 13.1



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: 104.620 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015232.D

Acq: 12 Mar 2020 13:01

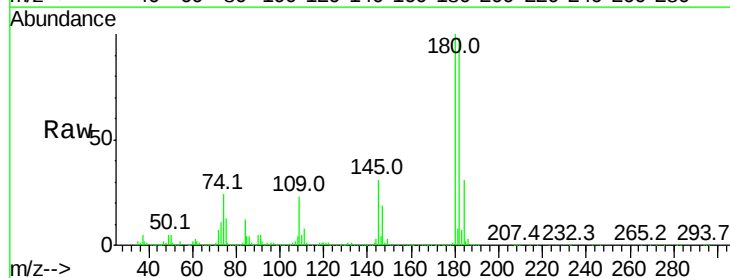
Tgt Ion:180 Resp: 511348

Ion Ratio Lower Upper

180 100

182 96.4 0.0 192.0

145 30.1 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

