

Data File : VX015233.D
Acq On : 12 Mar 2020 13:23
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Mar 12 14:02:11 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	42993	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	257372	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	228153	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	87286	29.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.33%
60) 4-Bromofluorobenzene	11.14	95	112652	31.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.67%
63) Toluene-d8	8.71	98	295441	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	333904	173.920	ug/l	97
3) Chloromethane	1.31	50	490775	197.697	ug/l	97
4) Vinyl Chloride	1.40	62	502548	188.098	ug/l	99
5) Bromomethane	1.63	94	323081	172.681	ug/l	96
6) Chloroethane	1.71	64	307435	171.781	ug/l	99
7) Trichlorofluoromethane	1.92	101	630451	162.135	ug/l	97
8) Diethyl Ether	2.18	74	282191	172.515	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	378962	168.570	ug/l	99
10) 1,1-Dichloroethene	2.36	96	391333	173.150	ug/l	98
11) Methyl Iodide	2.50	142	489518	178.256	ug/l	98
12) Methyl Acetate	2.76	43	495181	176.071	ug/l	99
13) Acrolein	2.28	56	365388	653.259	ug/l	98
14) Acrylonitrile	3.13	53	1160128	913.405	ug/l	99
15) Acetone	2.44	58	299736	659.427	ug/l	99
16) Carbon Disulfide	2.56	76	1141365	187.825	ug/l	100
17) Allyl chloride	2.72	41	755873	192.262	ug/l	99
18) Methylene Chloride	2.84	84	447588	171.885	ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	432830	174.357	ug/l	96
20) Diisopropyl ether	3.84	45	1441147	179.491	ug/l	95
21) 1,1-Dichloroethane	3.69	63	781518	177.563	ug/l	100
22) cis-1,2-Dichloroethene	4.59	96	455620	160.389	ug/l	97
23) tert-Butyl Alcohol	2.76	59	40177	79.799	ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	1302036	173.160	ug/l	99
25) Chloroform	5.20	83	694680	156.514	ug/l	100
26) Cyclohexane	5.57	56	679276	172.681	ug/l #	99
29) 1,1-Dichloropropene	5.79	75	549377	150.913	ug/l	99
30) 2-Butanone	4.66	43	1461875	695.721	ug/l	99
31) 2,2-Dichloropropane	4.57	77	583587	145.994	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	602968	145.854	ug/l	99
33) Carbon Tetrachloride	5.78	117	532084	147.030	ug/l	96
34) Benzene	6.14	78	1654643	150.631	ug/l	100
35) Methacrylonitrile	5.03	41	329237	153.602	ug/l	98
36) 1,2-Dichloroethane	6.18	62	546843	140.642	ug/l	99
37) Trichloroethene	7.21	130	493131	159.890	ug/l	97
38) Methylcyclohexane	7.46	83	744144	164.915	ug/l	100
39) 1,2-Dichloropropane	7.51	63	469720	166.126	ug/l	96
40) Dibromomethane	7.65	93	295023	156.260	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	603515	161.818	ug/l	96
42) Vinyl Acetate	3.81	43	6233883	842.879	ug/l	99
43) Ethyl Acetate	4.82	43	578954	152.279	ug/l	99
44) Isopropyl Acetate	6.43	43	983084	153.815	ug/l	99
45) 1,4-Dioxane	7.73	88	214791	3637.014	ug/l	99
46) Methyl methacrylate	7.76	41	530340	167.728	ug/l	97
47) n-amyl Acetate	10.89	43	939387	169.660	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	655800	158.488	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	720838	158.235	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	415516	147.719	ug/l	98
51) Ethyl methacrylate	9.17	69	694196	159.898	ug/l	99
52) 1,3-Dichloropropane	9.37	76	701225	147.363	ug/l	100
53) Dibromochloromethane	9.58	129	473574	155.720	ug/l	95
54) 1,2-Dibromoethane	9.67	107	438173	146.720	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	1708018	738.557	ug/l	100
56) Bromoform	10.85	173	380572	159.635	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	2939309	786.092	ug/l	99
59) 2-Hexanone	9.49	43	2244271	768.186	ug/l	99
61) Tetrachloroethene	9.33	164	455301	148.578	ug/l	97
62) Toluene	8.78	91	1789567	153.135	ug/l	100
64) Chlorobenzene	10.14	112	1148076	153.915	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	430451	155.794	ug/l	99
66) Ethyl Benzene	10.25	91	2020017	156.916	ug/l	100
67) m/p-Xylenes	10.35	106	1561308	314.526	ug/l	98
68) o-Xylene	10.70	106	749225	155.988	ug/l	98
69) Styrene	10.71	104	1335695	162.827	ug/l	100
70) Isopropylbenzene	11.01	105	1997373	156.555	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	684131	166.543	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	828730	243.216	ug/l	83
73) Bromobenzene	11.25	156	575650	166.983	ug/l	98
74) n-propylbenzene	11.35	91	2519321	173.497	ug/l	100
75) 2-Chlorotoluene	11.42	91	1462053	170.381	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	1784723	166.916	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	246206	179.192	ug/l	92
78) 4-Chlorotoluene	11.51	91	1680984	169.353	ug/l	99
79) tert-butylbenzene	11.76	119	1734922	167.947	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	1846353	173.691	ug/l	100
81) sec-Butylbenzene	11.94	105	2133346	172.447	ug/l	100
82) p-Isopropyltoluene	12.06	119	1920330	167.087	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1031263	170.648	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	996486	163.747	ug/l	100
85) n-Butylbenzene	12.39	91	1697407	169.721	ug/l	99
86) Hexachloroethane	12.59	117	348879	167.940	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	950381	158.041	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	141737	158.430	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	759625	175.657	ug/l	100
90) Hexachlorobutadiene	13.78	225	375821	174.989	ug/l	100
91) Naphthalene	13.83	128	2113206	172.603	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	739193	172.166	ug/l	100

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

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Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

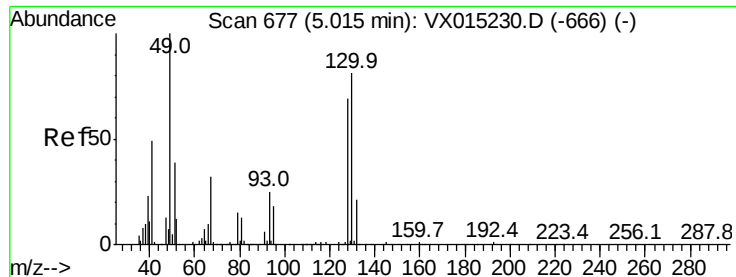
Quant Time: Mar 12 14:02:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 13:54:34 2020
Response via : Initial Calibration

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

Quant Time: Mar 12 14:02:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
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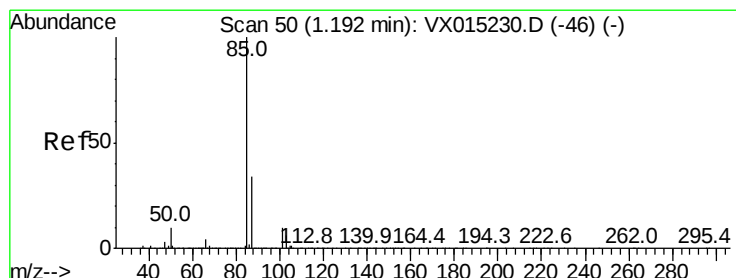
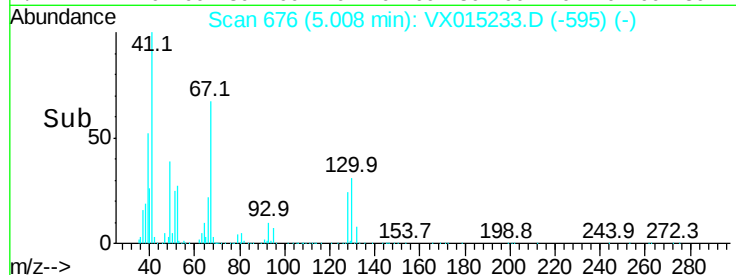
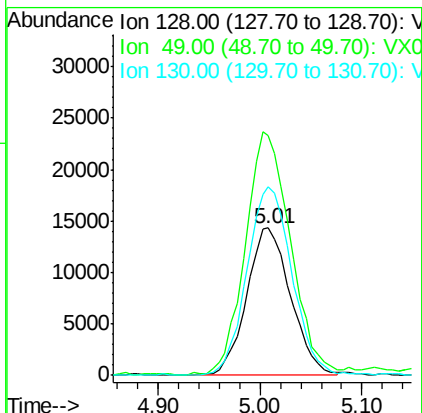
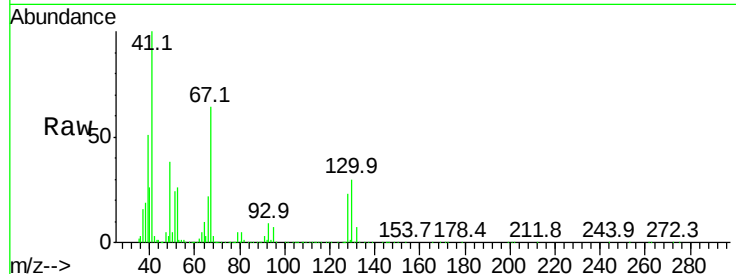


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

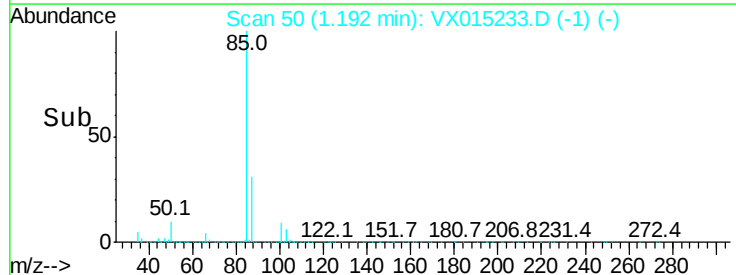
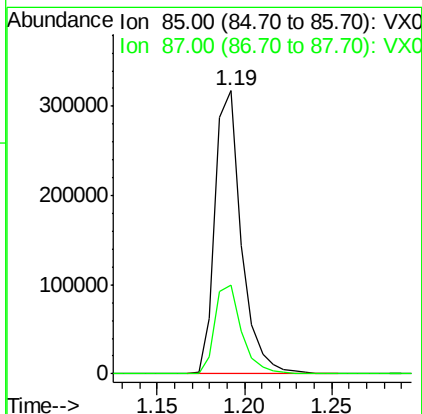
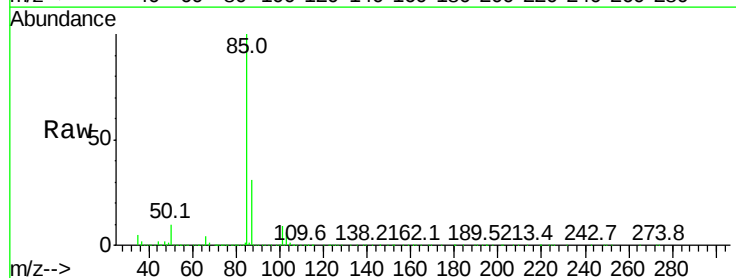
Tgt Ion:128 Resp: 42993
Ion Ratio Lower Upper
128 100
49 166.0 0.0 406.8
130 130.2 0.0 319.3

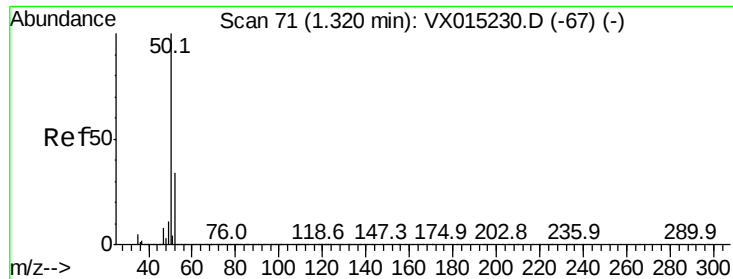


#2

Dichlorodifluoromethane
Concen: 173.920 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 85 Resp: 333904
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3

Chloromethane

Concen: 197.697 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

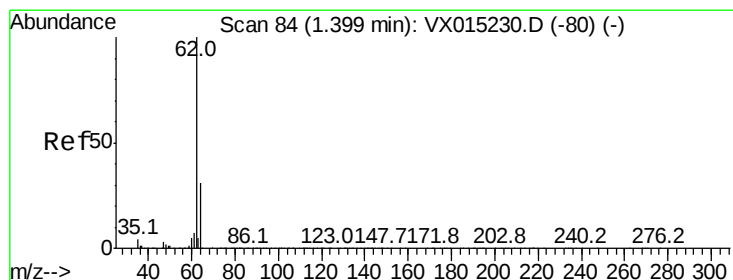
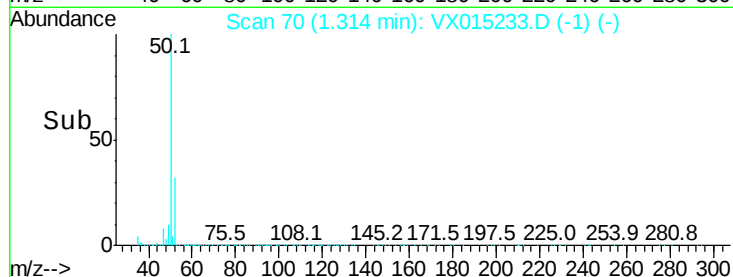
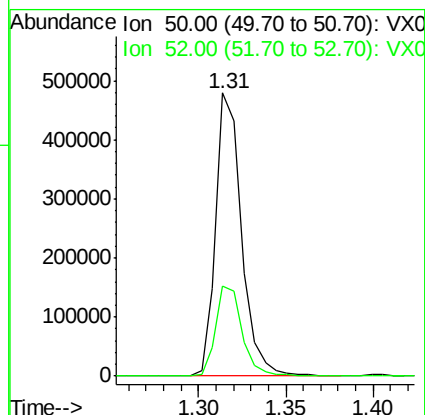
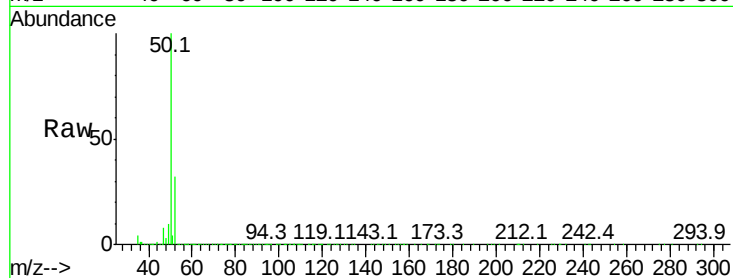
VSTDIC150

Tgt Ion: 50 Resp: 490775

Ion Ratio Lower Upper

50 100

52 31.8 26.9 40.3



#4

Vinyl Chloride

Concen: 188.098 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015233.D

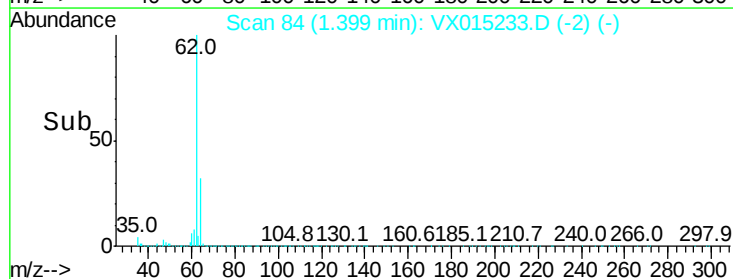
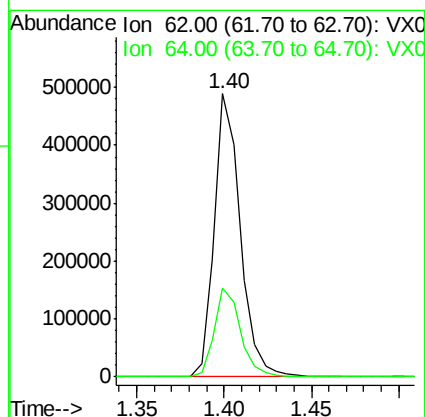
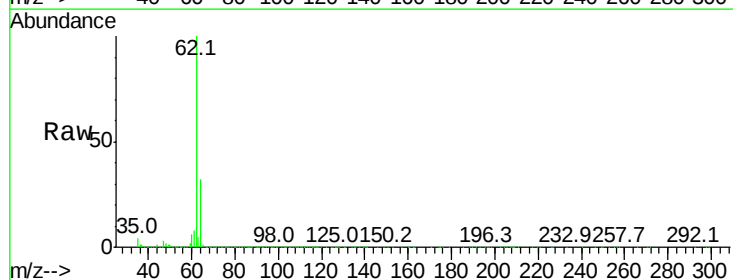
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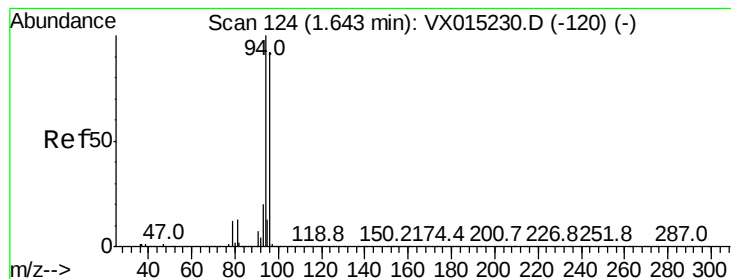
Tgt Ion: 62 Resp: 502548

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 172.681 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

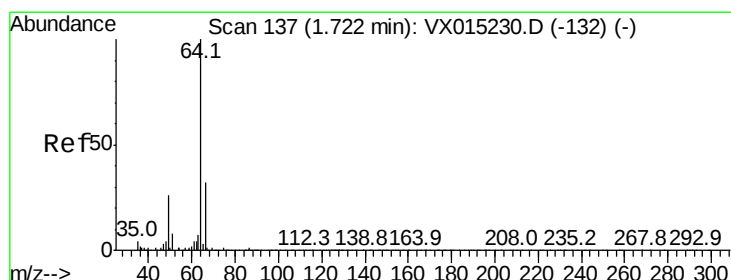
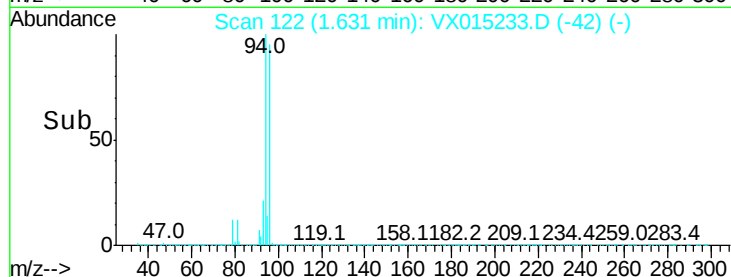
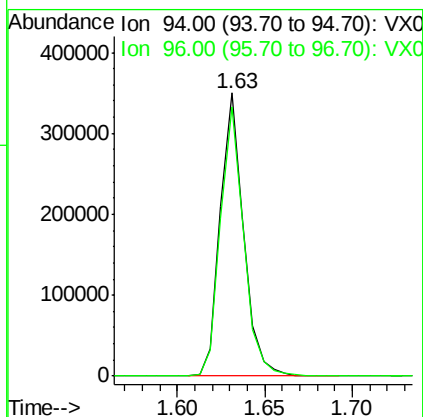
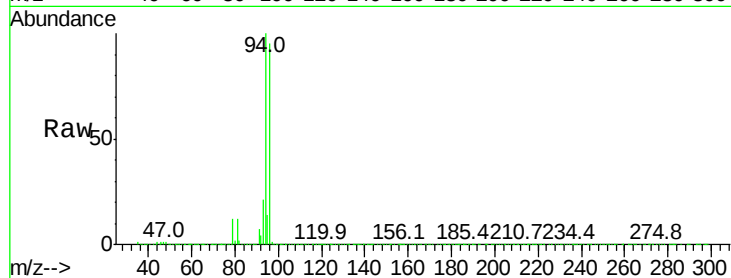
VSTDIC150

Tgt Ion: 94 Resp: 323081

Ion Ratio Lower Upper

94 100

96 95.4 73.0 109.4



#6

Chloroethane

Concen: 171.781 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015233.D

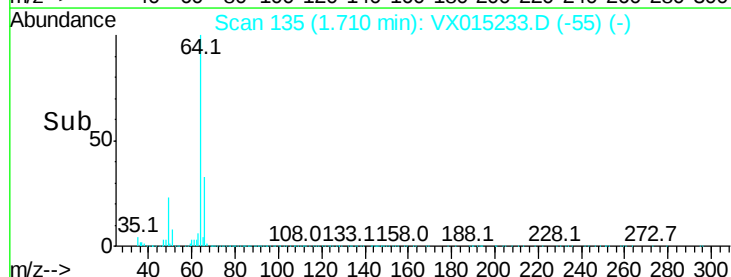
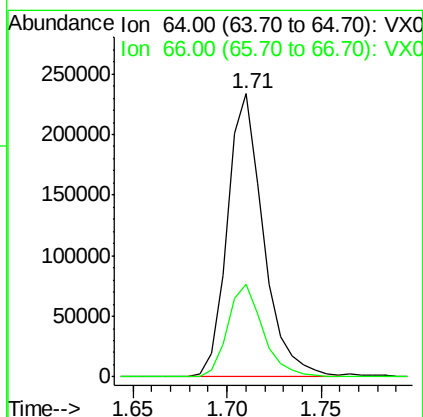
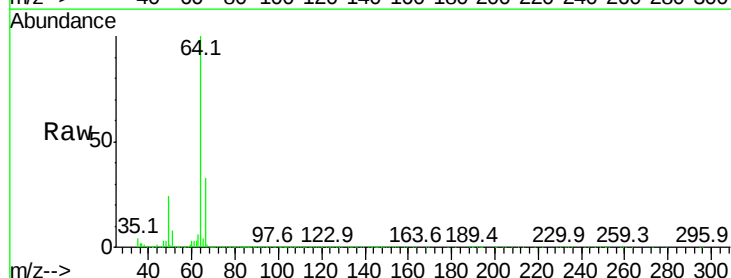
Acq: 12 Mar 2020 13:23

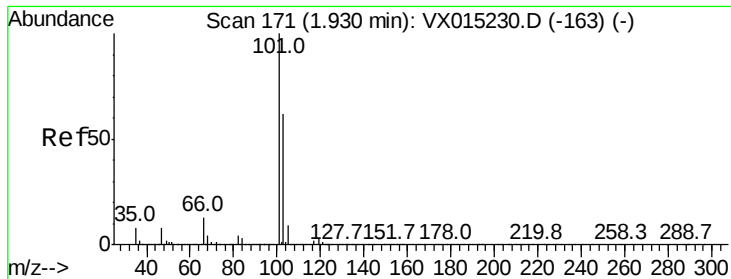
Tgt Ion: 64 Resp: 307435

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9



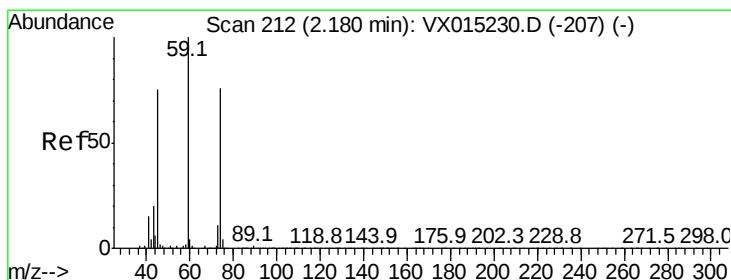
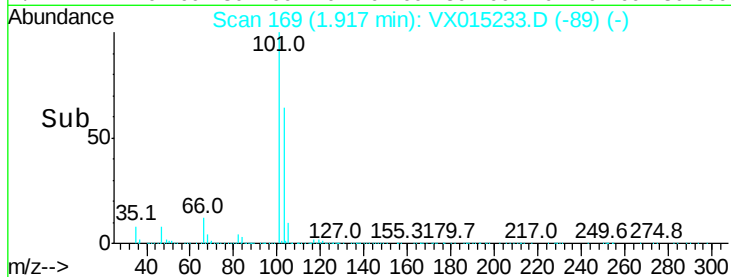
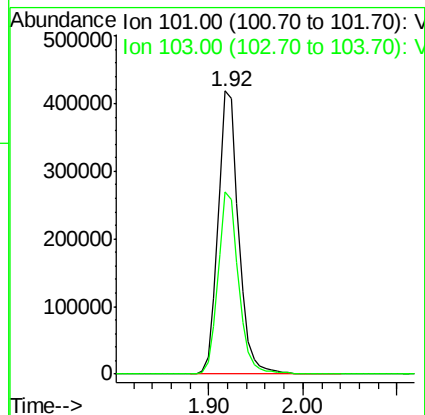
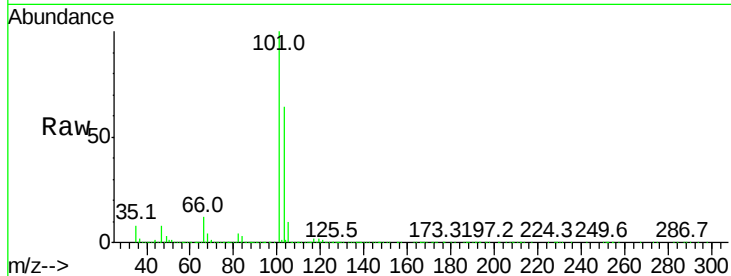


#7

Trichlorofluoromethane
Concen: 162.135 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX015233.D
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Instrument :
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ClientSampleId :
VSTDIC150

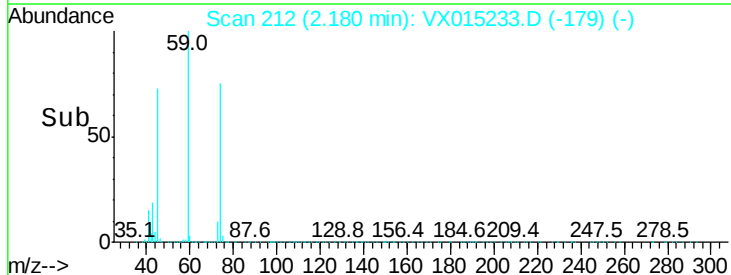
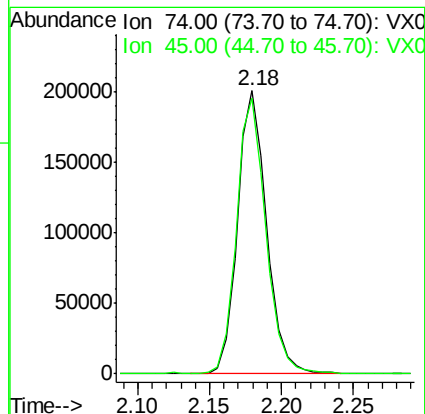
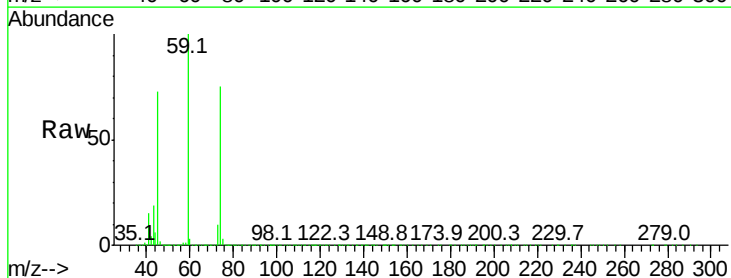
Tgt Ion: 101 Resp: 630451
Ion Ratio Lower Upper
101 100
103 64.4 49.9 74.9

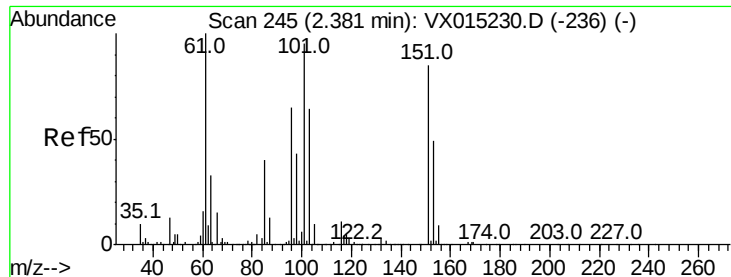


#8

Diethyl Ether
Concen: 172.515 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 74 Resp: 282191
Ion Ratio Lower Upper
74 100
45 98.0 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 168.570 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

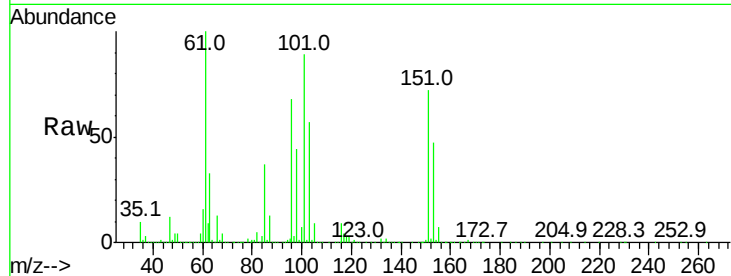
Tgt Ion:101 Resp: 378962

Ion Ratio Lower Upper

101 100

85 41.6 0.0 82.0

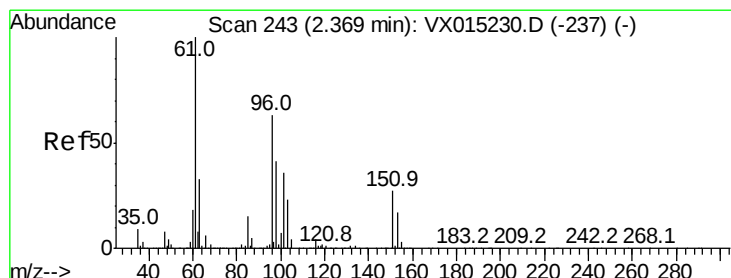
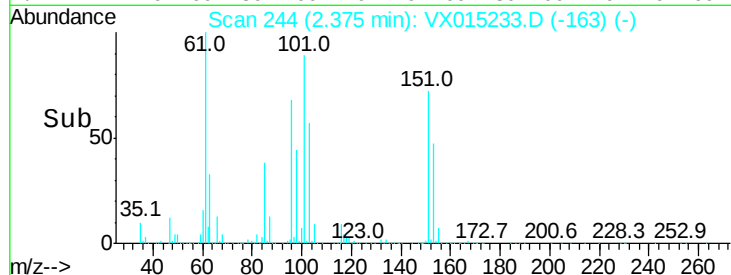
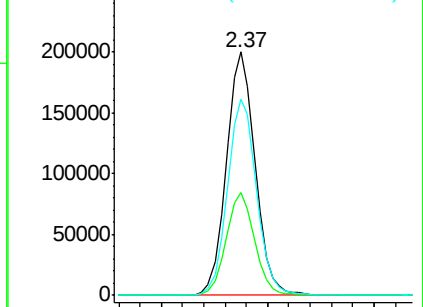
151 81.7 0.0 165.0



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: 173.150 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

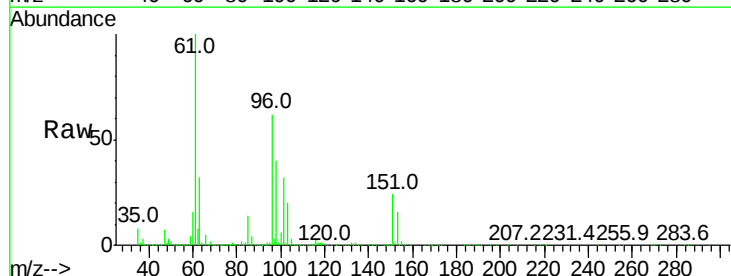
Tgt Ion: 96 Resp: 391333

Ion Ratio Lower Upper

96 100

61 161.7 126.2 189.2

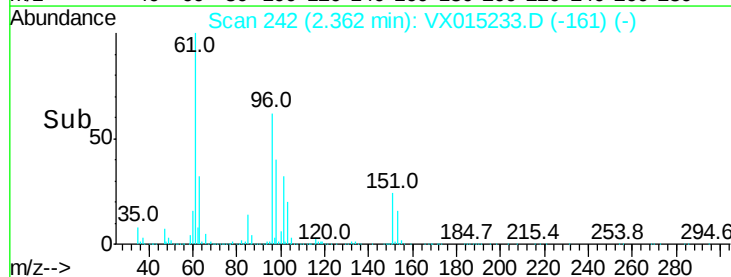
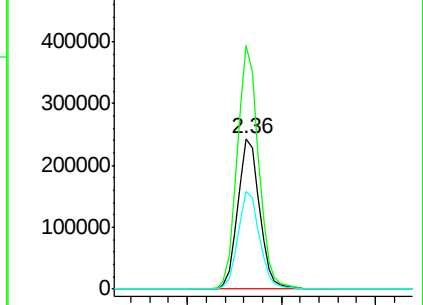
98 64.6 52.1 78.1

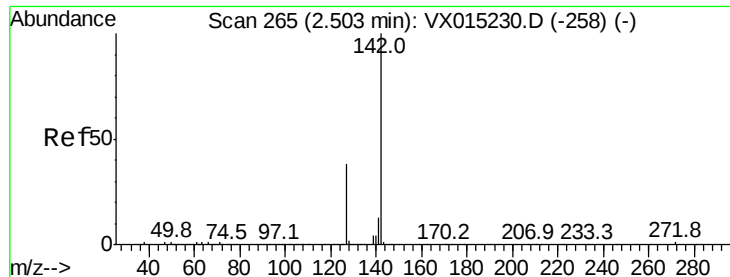


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

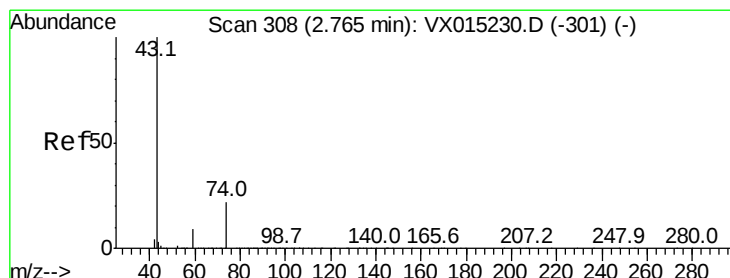
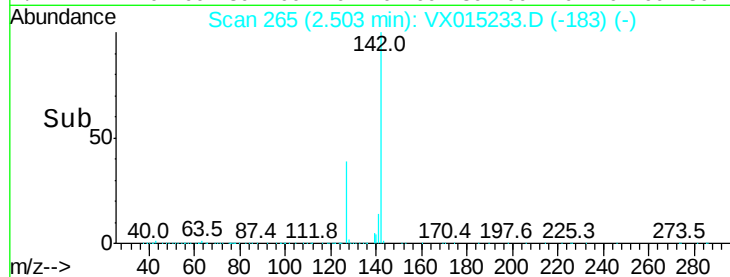
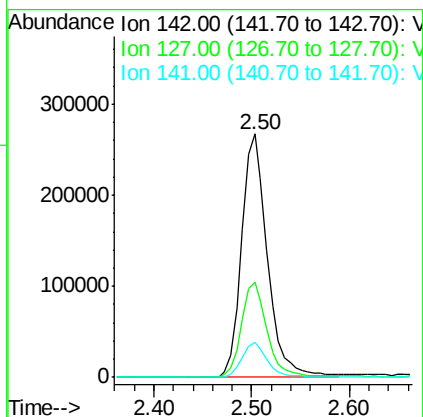
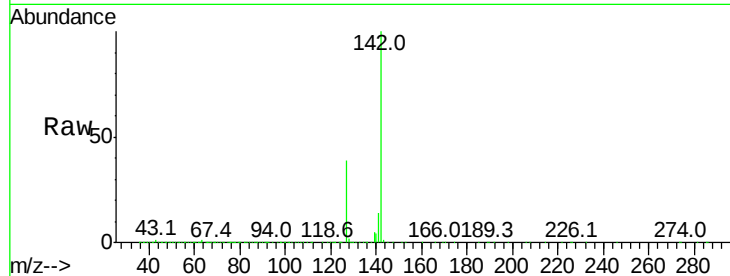




#11
Methyl Iodide
Concen: 178.256 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

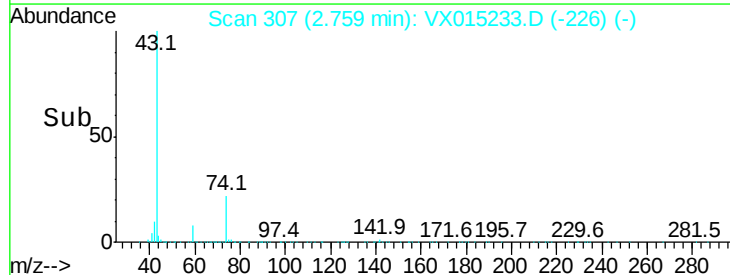
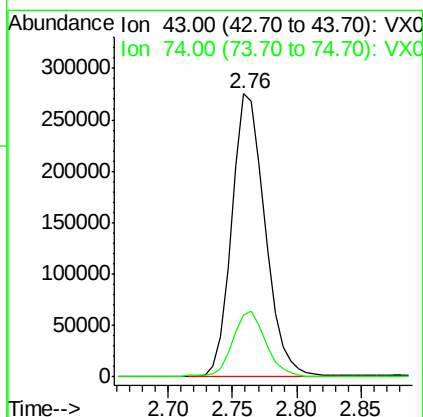
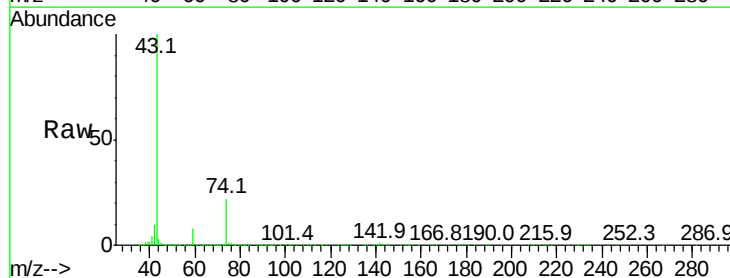
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

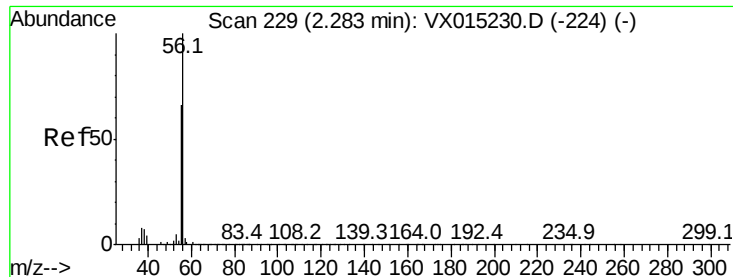
Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.2	18.9	56.9
141	14.2	6.6	19.7



#12
Methyl Acetate
Concen: 176.071 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.0	27.0

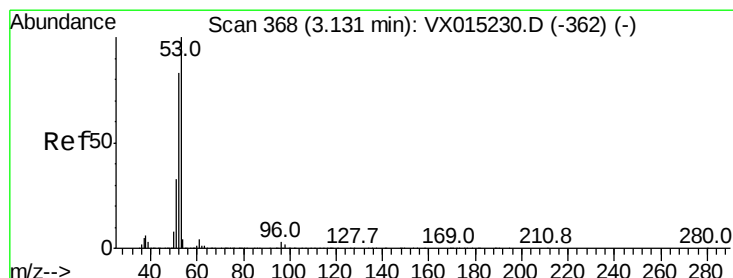
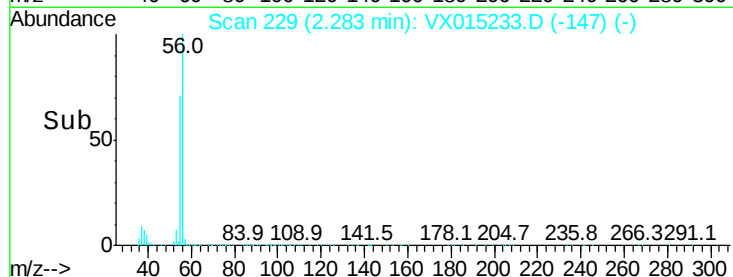
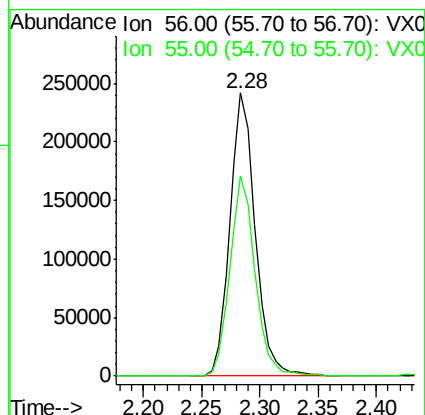
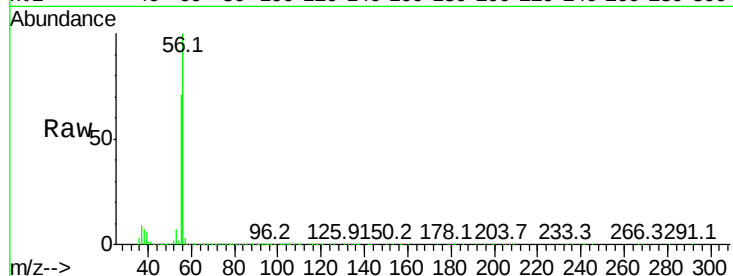




#13
Acrolein
Concen: 653.259 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

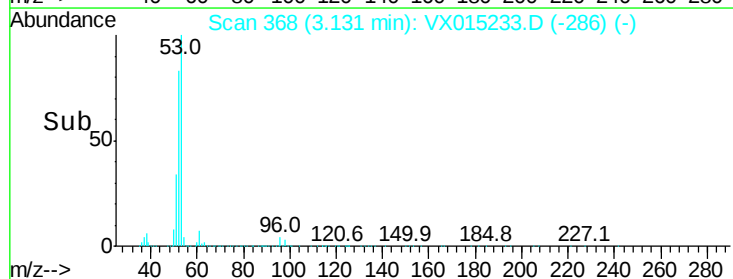
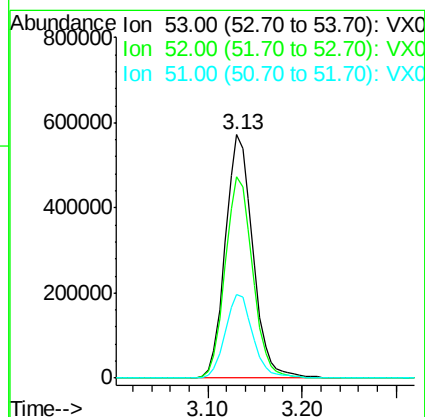
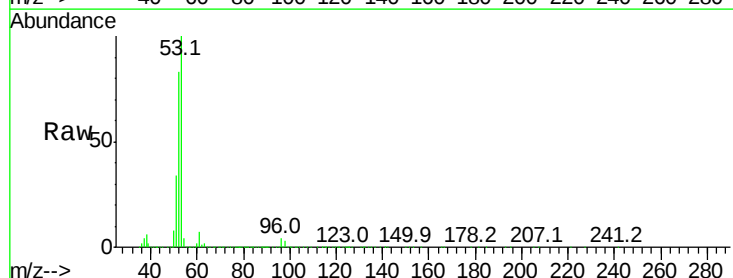
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

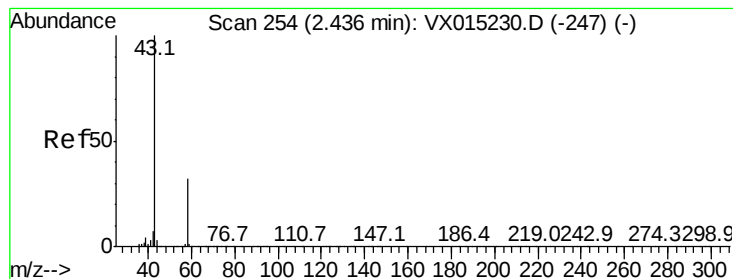
Tgt Ion: 56 Resp: 365388
Ion Ratio Lower Upper
56 100
55 70.1 55.1 82.7



#14
Acrylonitrile
Concen: 913.405 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 53 Resp: 1160128
Ion Ratio Lower Upper
53 100
52 82.4 41.5 124.5
51 34.6 17.7 53.1





#15

Acetone

Concen: 659.427 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

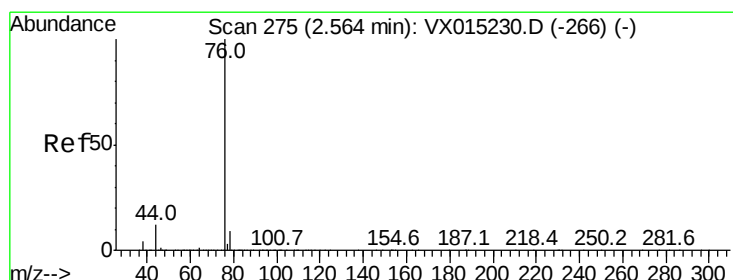
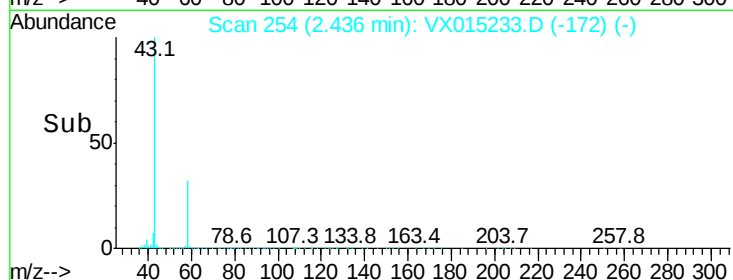
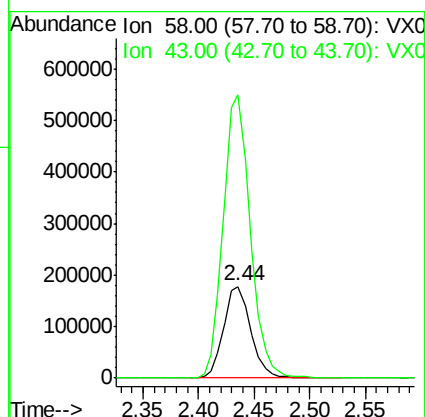
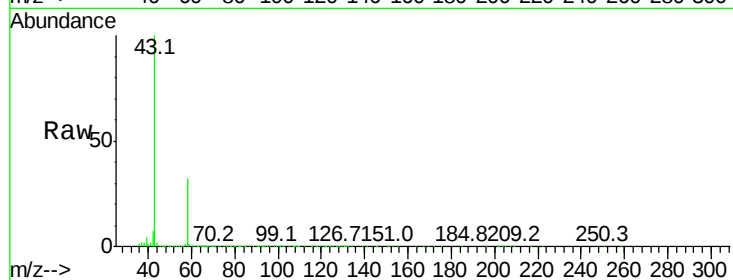
VSTDIC150

Tgt Ion: 58 Resp: 299736

Ion Ratio Lower Upper

58 100

43 309.6 248.7 373.1



#16

Carbon Disulfide

Concen: 187.825 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015233.D

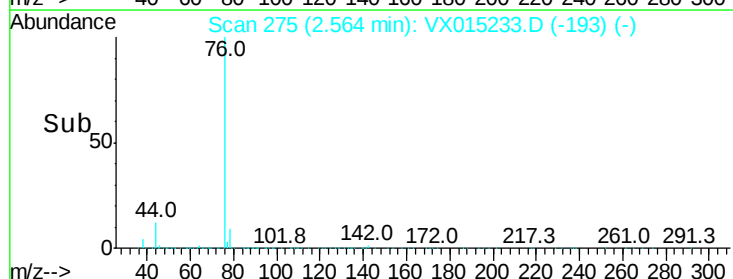
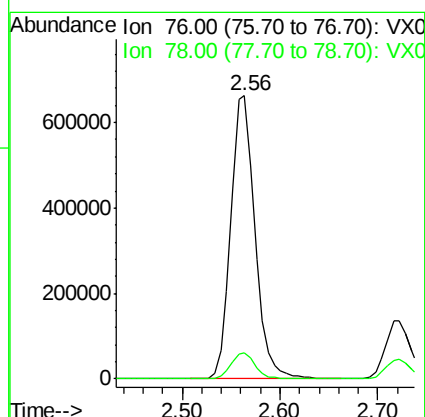
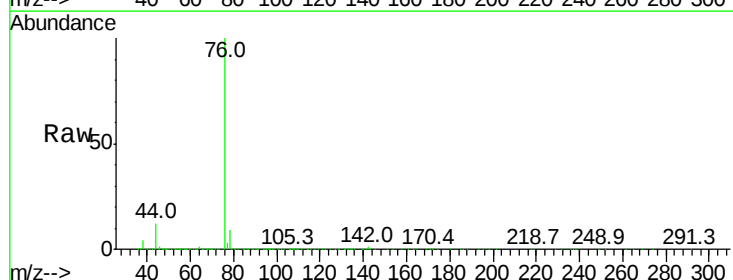
Acq: 12 Mar 2020 13:23

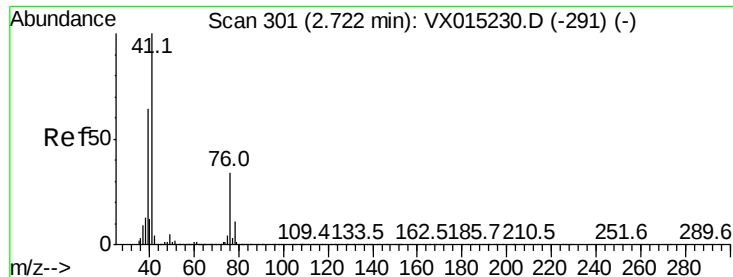
Tgt Ion: 76 Resp: 1141365

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

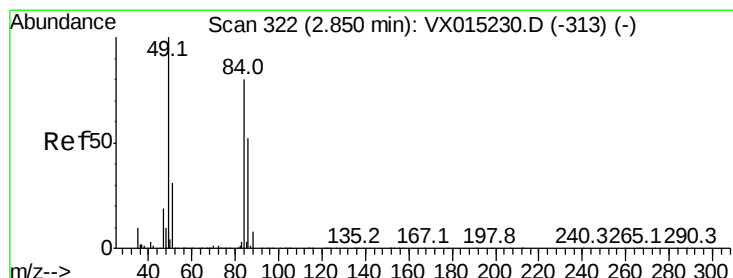
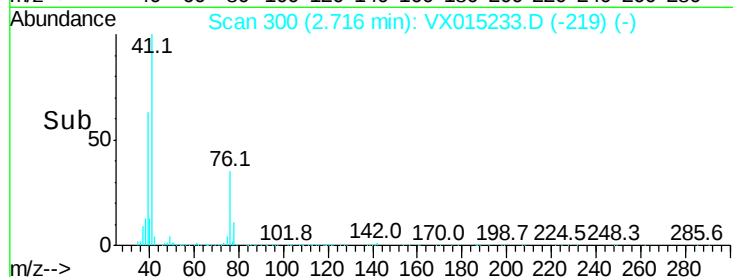
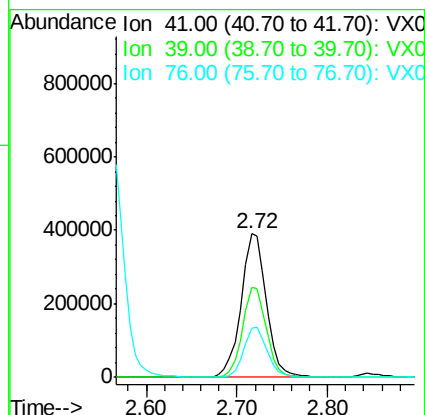
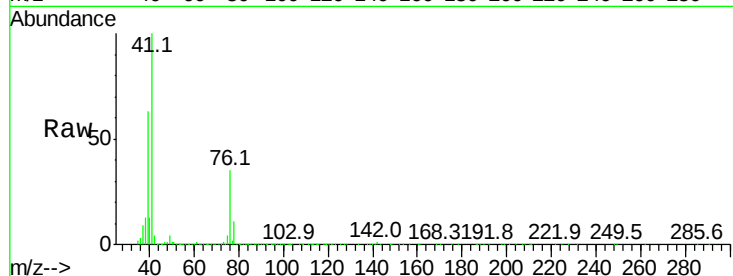




#17
 Allyl chloride
 Concen: 192.262 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

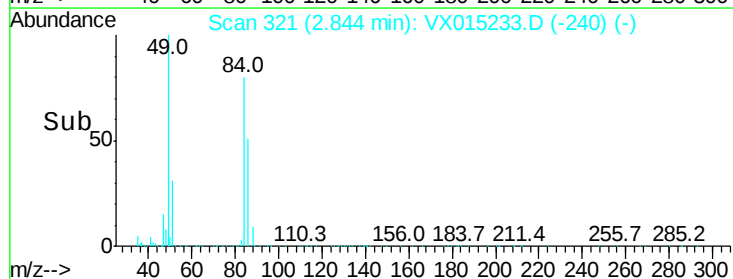
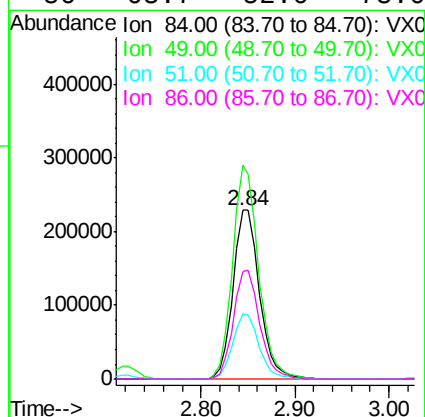
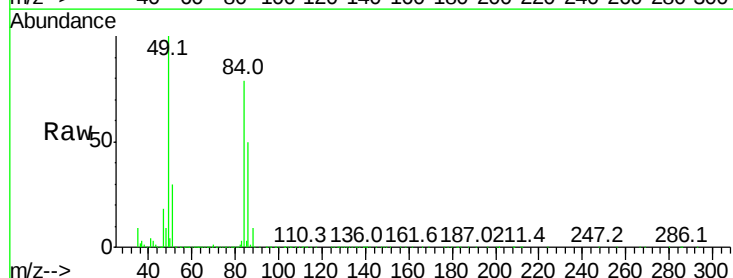
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

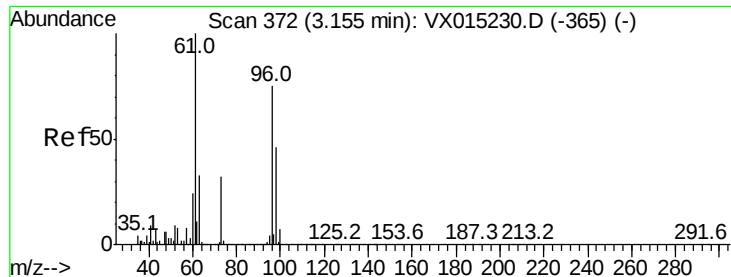
Tgt Ion: 41 Resp: 755873
 Ion Ratio Lower Upper
 41 100
 39 63.0 32.1 96.5
 76 34.6 17.2 51.5



#18
 Methylene Chloride
 Concen: 171.885 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion: 84 Resp: 447588
 Ion Ratio Lower Upper
 84 100
 49 126.4 99.5 149.3
 51 38.4 31.0 46.6
 86 63.7 52.0 78.0





#19

trans-1,2-Dichloroethene

Concen: 174.357 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

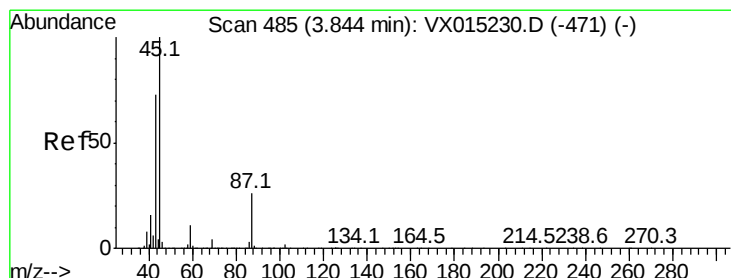
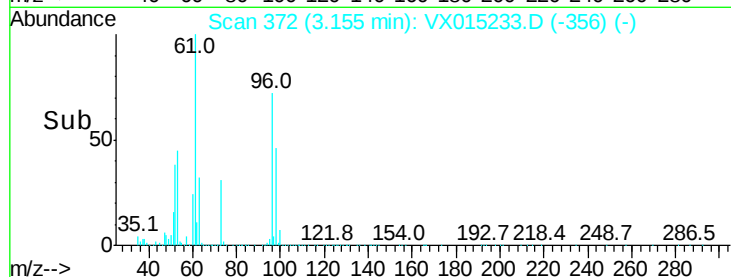
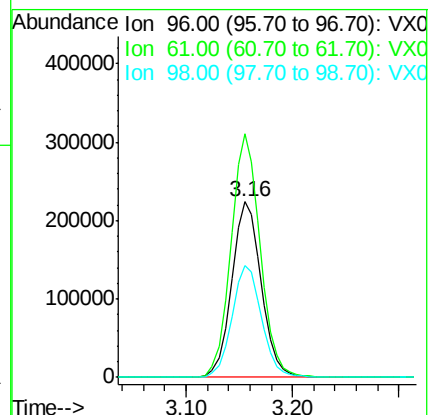
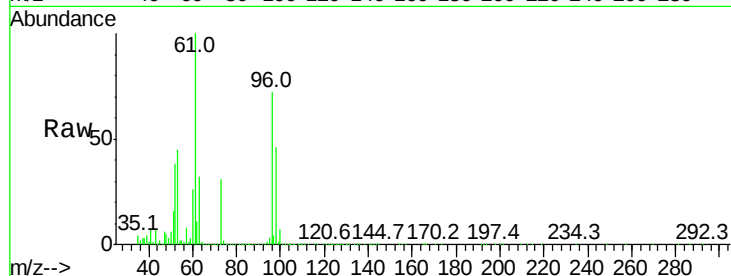
Tgt Ion: 96 Resp: 432830

Ion Ratio Lower Upper

96 100

61 138.9 106.3 159.5

98 63.8 49.1 73.7



#20

Diisopropyl ether

Concen: 179.491 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion: 45 Resp: 1441147

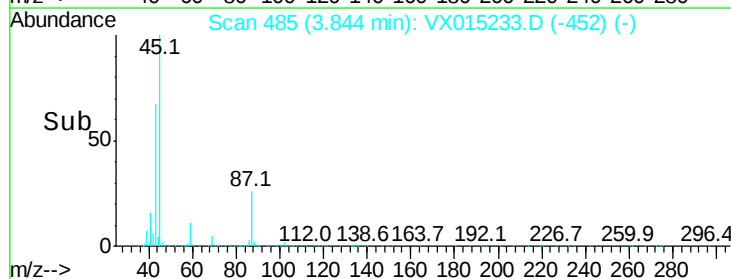
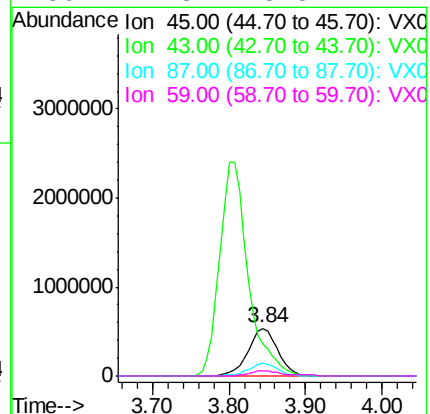
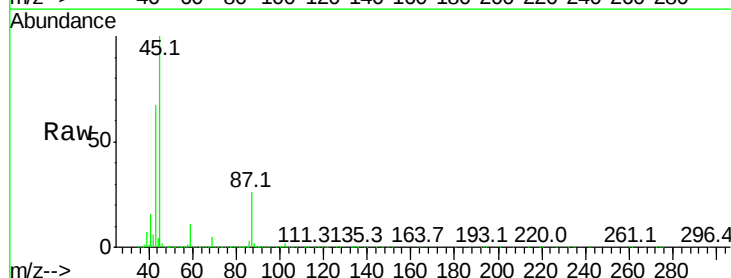
Ion Ratio Lower Upper

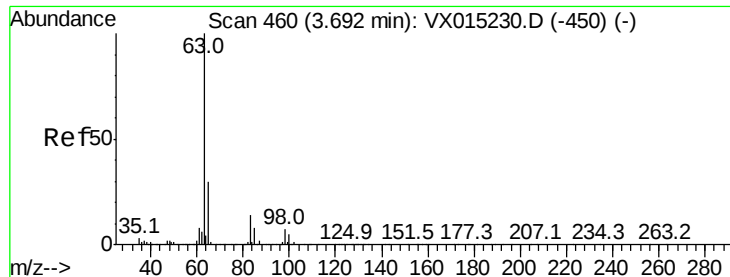
45 100

43 66.9 58.6 87.8

87 26.5 21.0 31.4

59 11.3 8.5 12.7

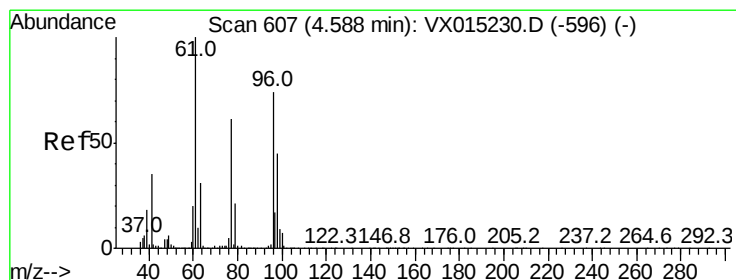
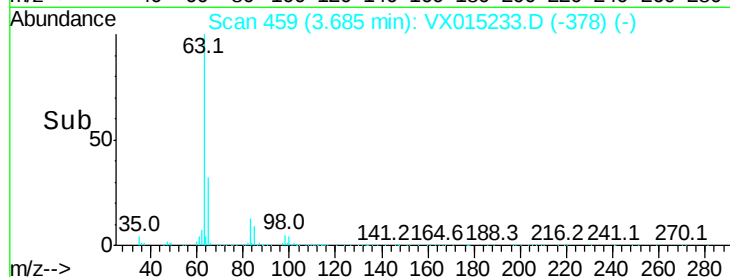
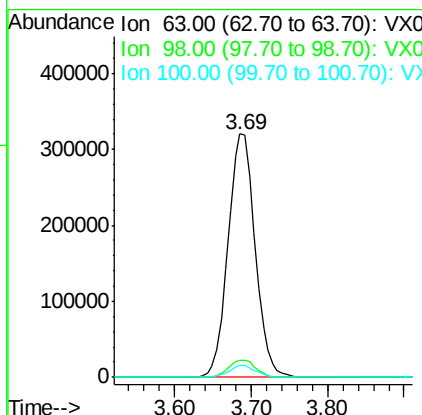
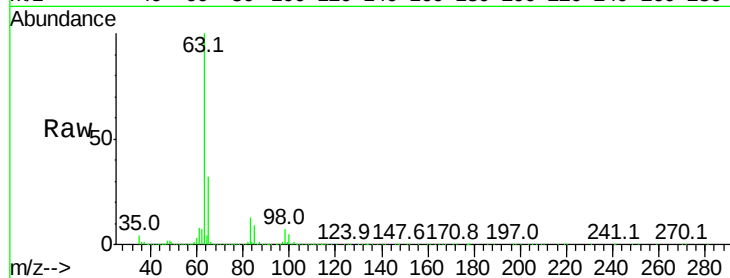




#21
 1,1-Dichloroethane
 Concen: 177.563 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

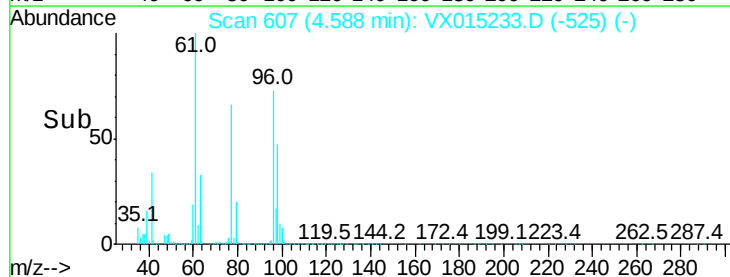
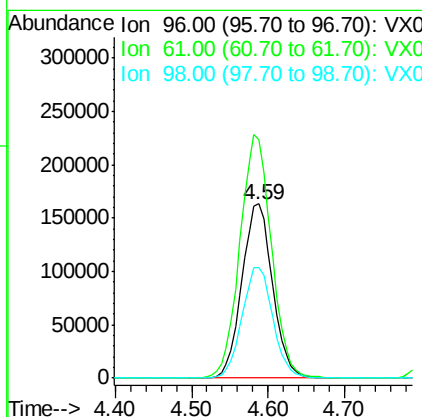
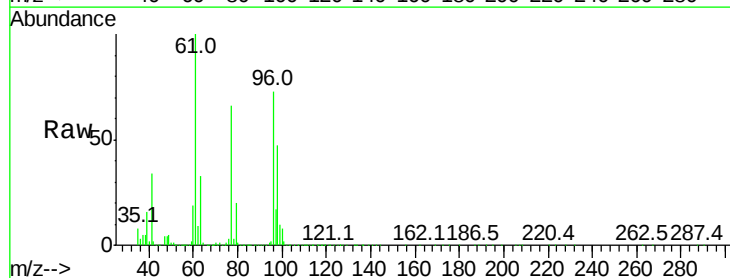
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

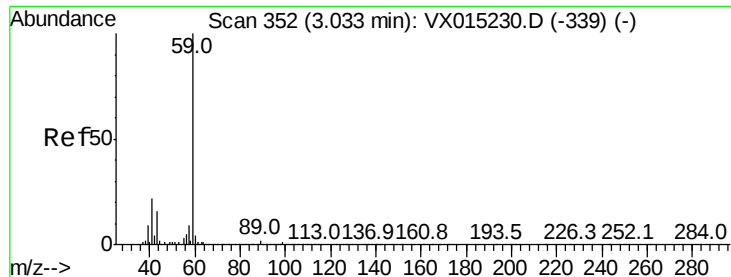
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	4.7	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 160.389 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	111.4	167.0
98	64.2	50.1	75.1





#23

tert-Butyl Alcohol

Concen: 79.799 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.27 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

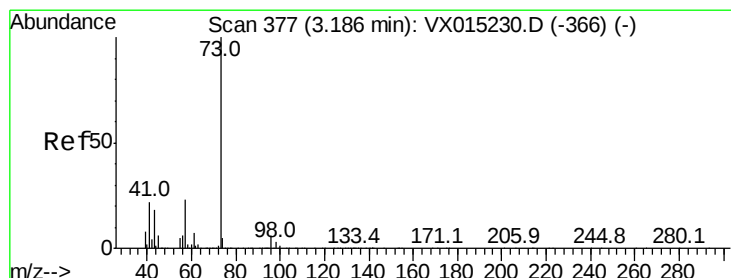
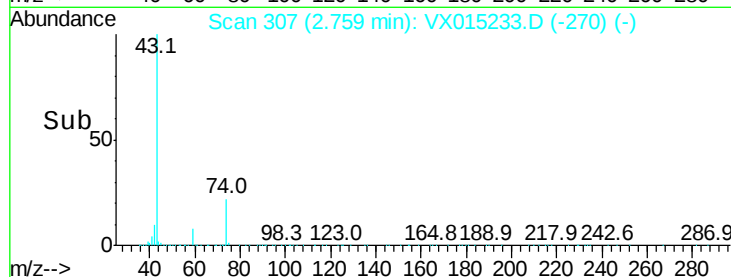
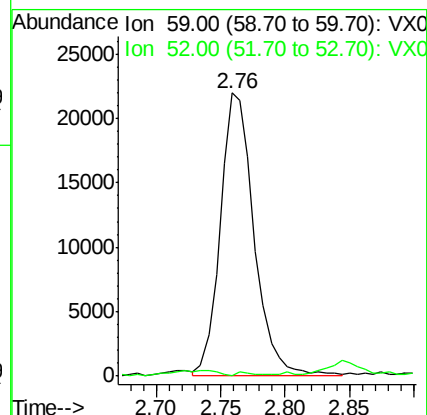
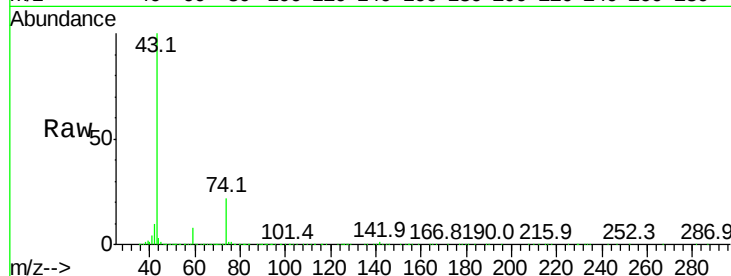
VSTDIC150

Tgt Ion: 59 Resp: 40177

Ion Ratio Lower Upper

59 100

52 0.5 0.4 0.6



#24

Methyl tert-Butyl Ether

Concen: 173.160 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015233.D

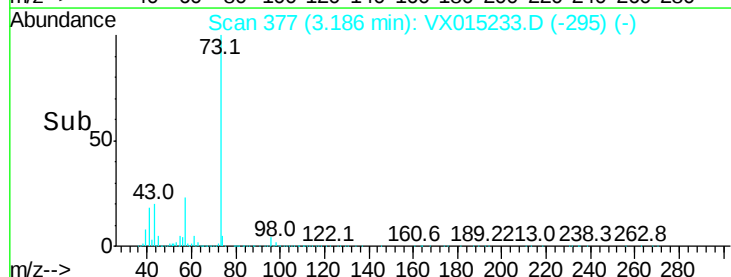
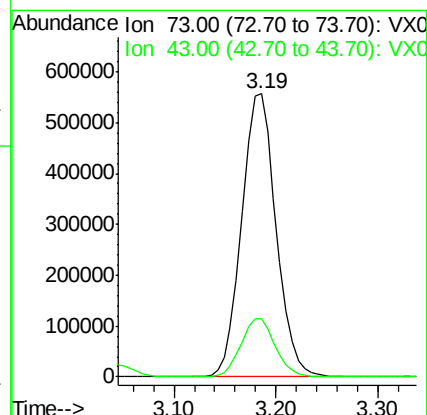
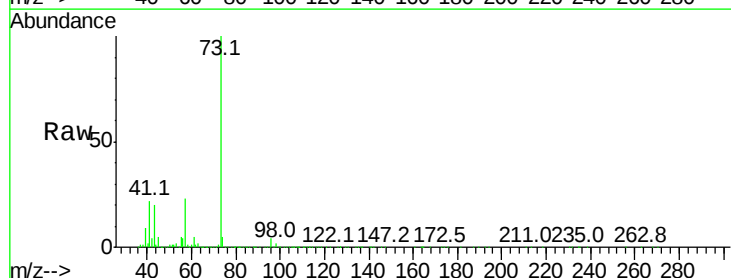
Acq: 12 Mar 2020 13:23

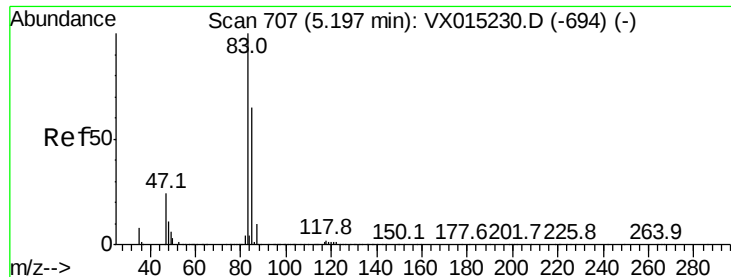
Tgt Ion: 73 Resp: 1302036

Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9





#25

Chloroform

Concen: 156.514 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

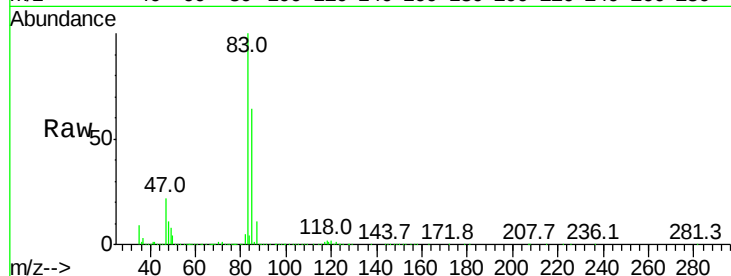
VSTDIC150

Tgt Ion: 83 Resp: 694680

Ion Ratio Lower Upper

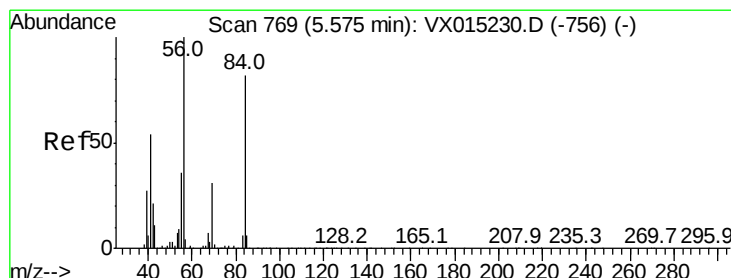
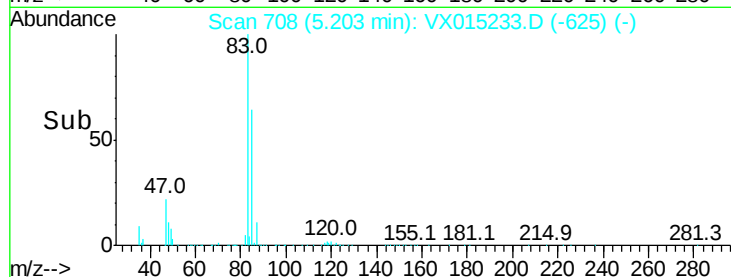
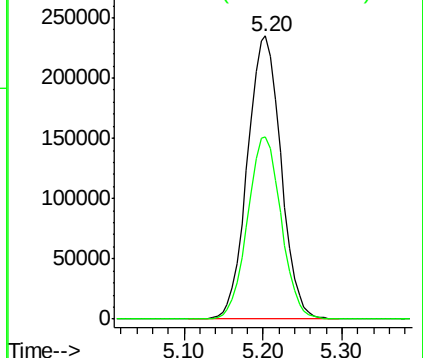
83 100

85 64.5 51.4 77.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 172.681 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

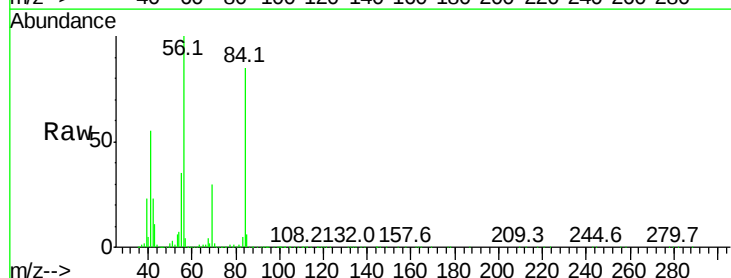
Tgt Ion: 56 Resp: 679276

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

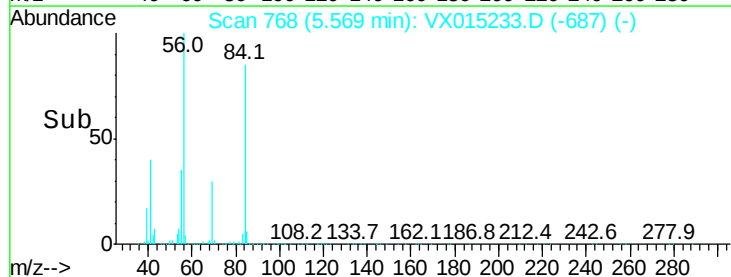
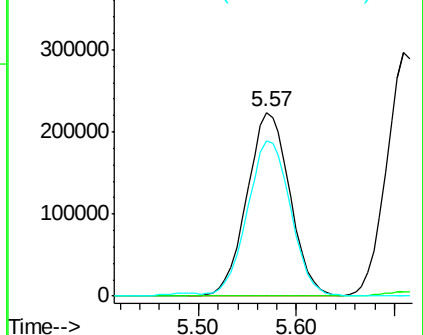
84 85.8 68.2 102.4

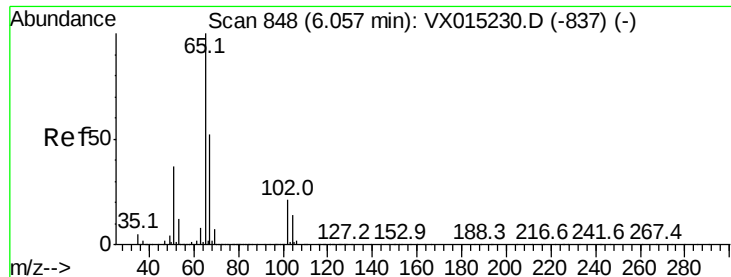


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.197 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

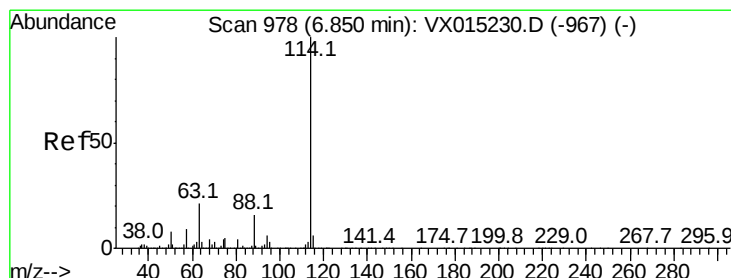
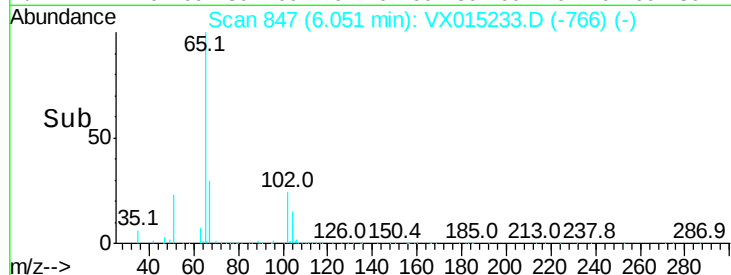
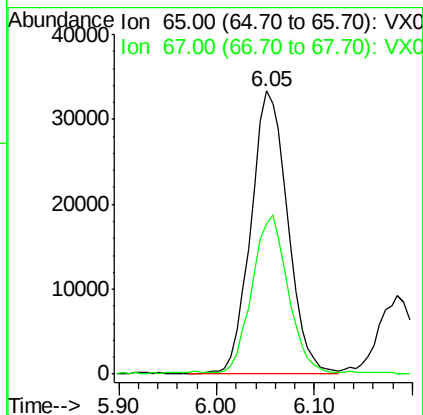
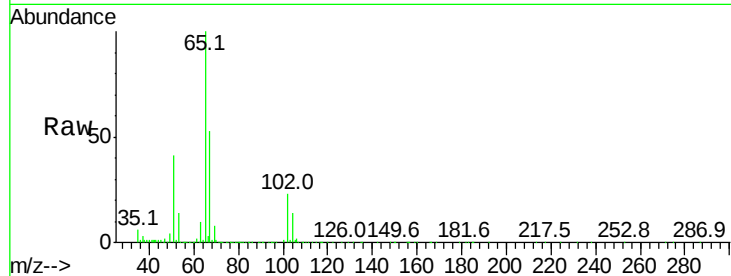
VSTDIC150

Tgt Ion: 65 Resp: 87286

Ion Ratio Lower Upper

65 100

67 54.4 43.5 65.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

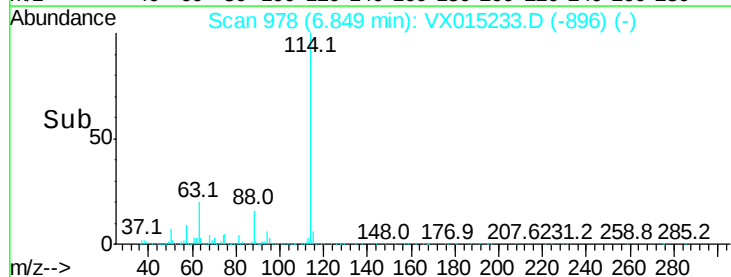
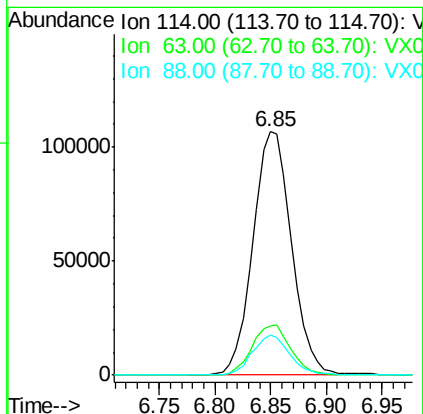
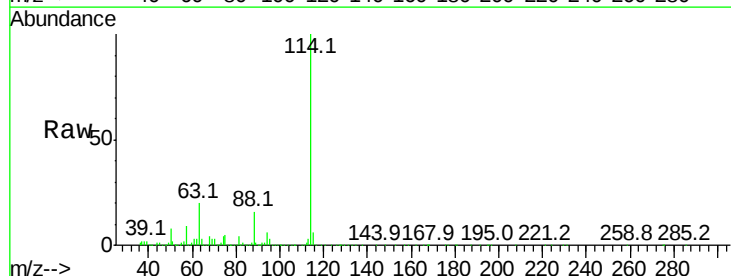
Tgt Ion: 114 Resp: 257372

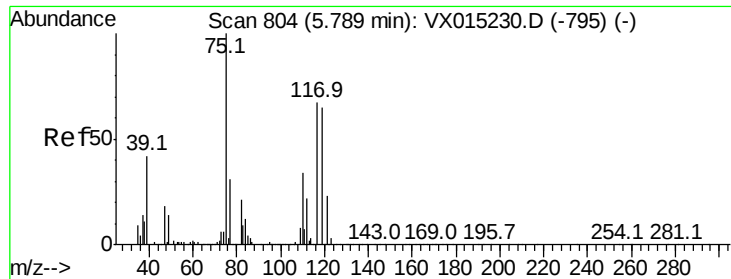
Ion Ratio Lower Upper

114 100

63 20.6 16.6 24.8

88 16.0 12.6 19.0





#29

1,1-Dichloropropene

Concen: 150.913 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

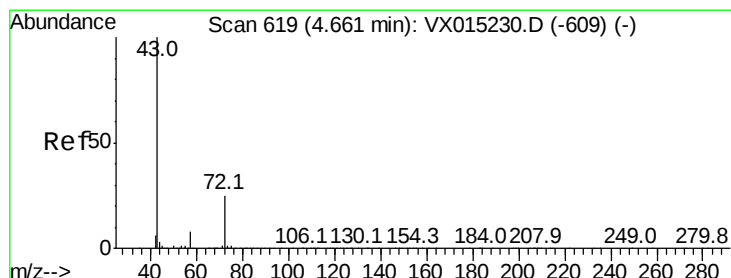
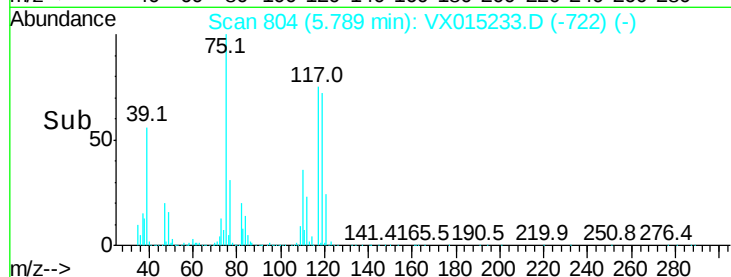
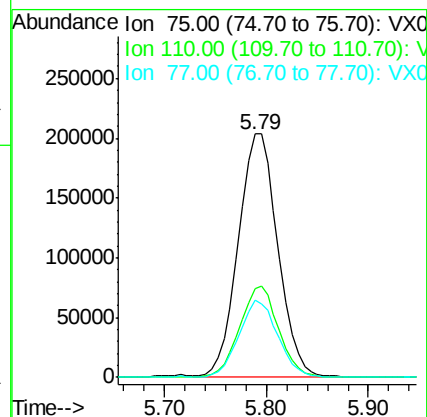
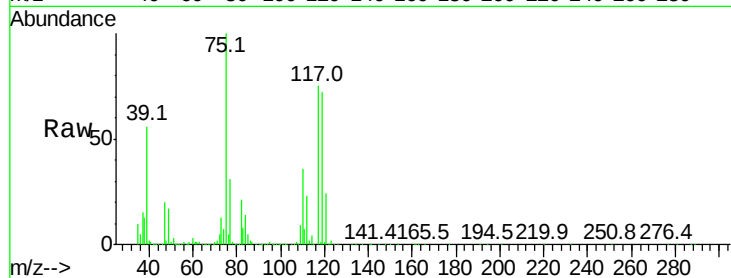
Tgt Ion: 75 Resp: 549377

Ion Ratio Lower Upper

75 100

110 36.8 0.0 73.6

77 30.8 0.0 63.4



#30

2-Butanone

Concen: 695.721 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

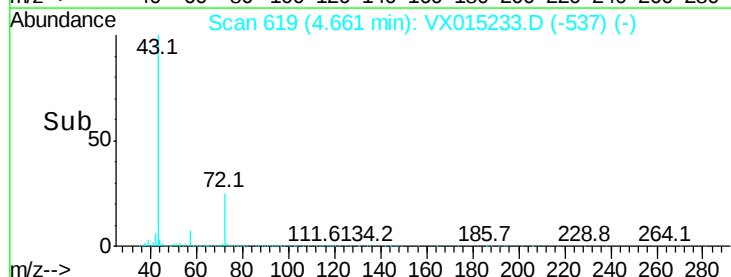
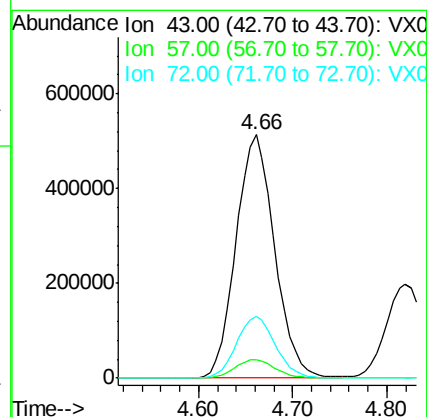
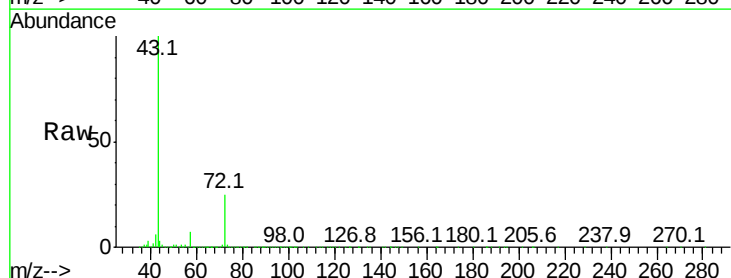
Tgt Ion: 43 Resp: 1461875

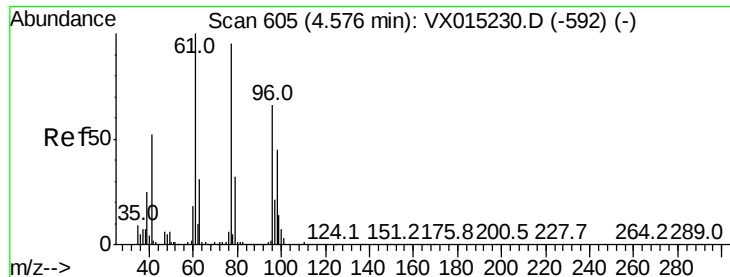
Ion Ratio Lower Upper

43 100

57 7.7 6.4 9.6

72 25.4 19.9 29.9





#31

2,2-Dichloropropane

Concen: 145.994 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

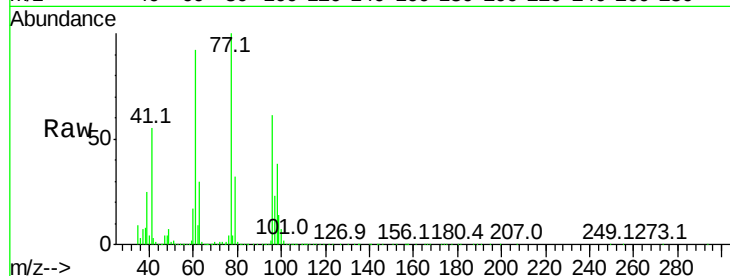
VSTDIC150

Tgt Ion: 77 Resp: 583587

Ion Ratio Lower Upper

77 100

97 23.8 19.8 29.6



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

200000

150000

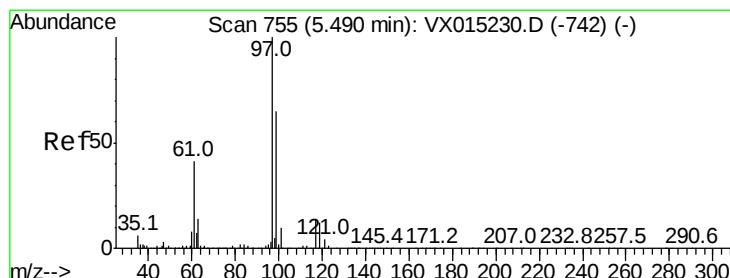
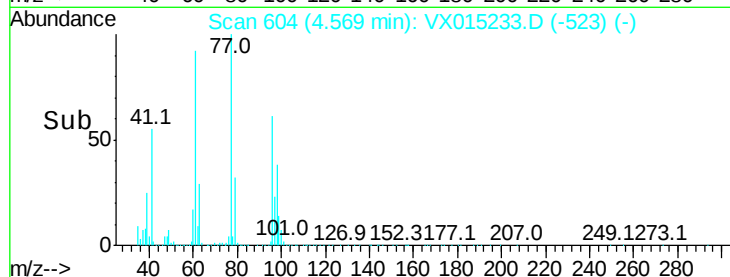
100000

50000

0

4.40 4.50 4.60 4.70

Time-->



#32

1,1,1-Trichloroethane

Concen: 145.854 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

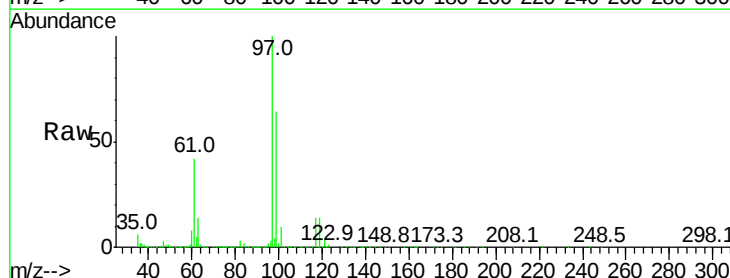
Tgt Ion: 97 Resp: 602968

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 43.2 35.0 52.6



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

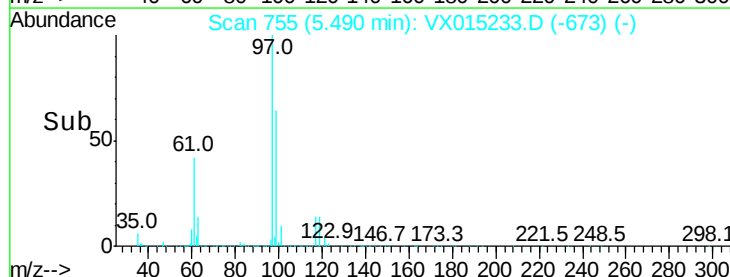
100000

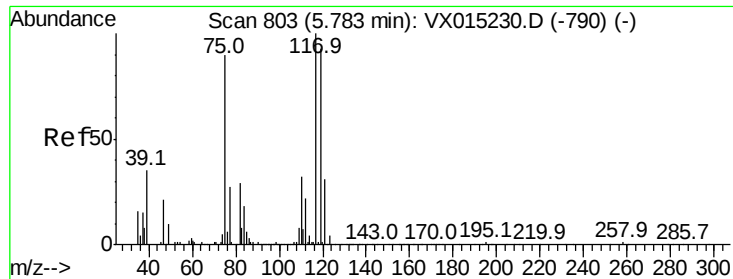
50000

0

5.30 5.40 5.50 5.60

Time-->

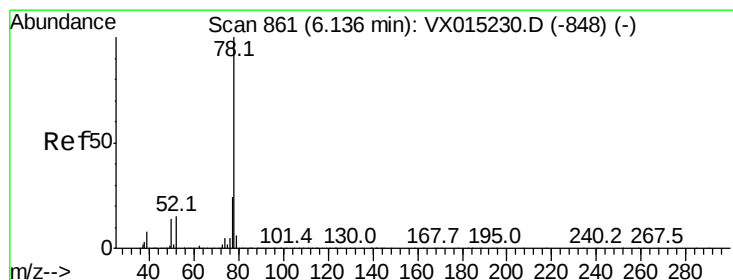
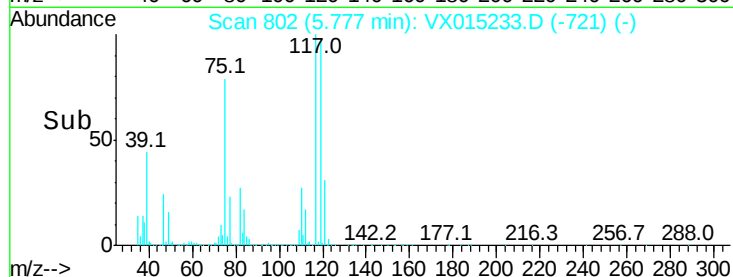
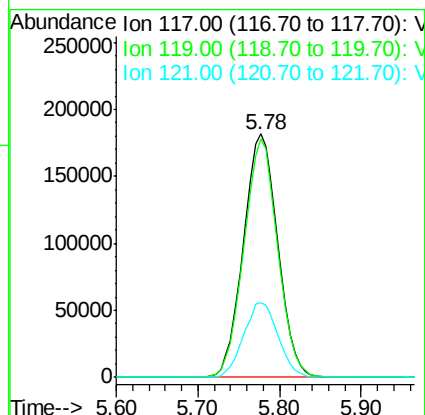
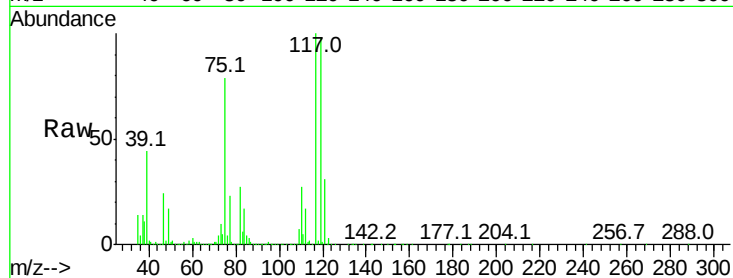




#33
Carbon Tetrachloride
Concen: 147.030 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

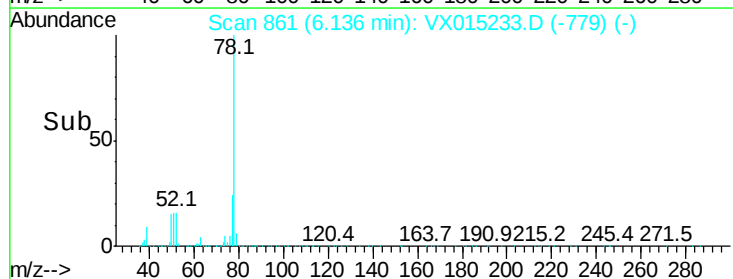
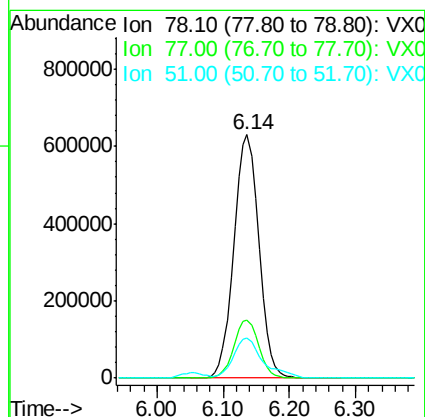
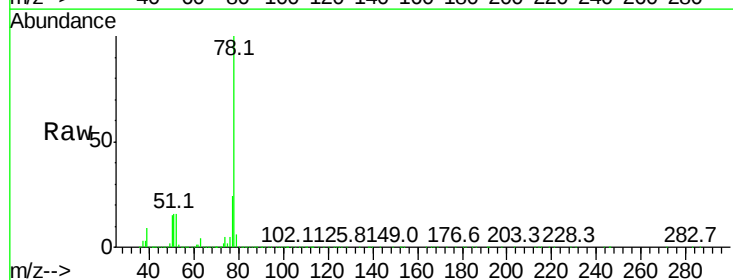
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

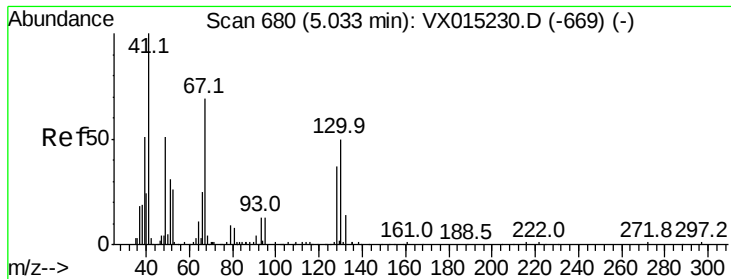
Tgt Ion:117 Resp: 532084
Ion Ratio Lower Upper
117 100
119 97.9 74.2 111.4
121 30.7 24.3 36.5



#34
Benzene
Concen: 150.631 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 78 Resp: 1654643
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 16.4 13.4 20.2





#35

Methacrylonitrile

Concen: 153.602 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 329237

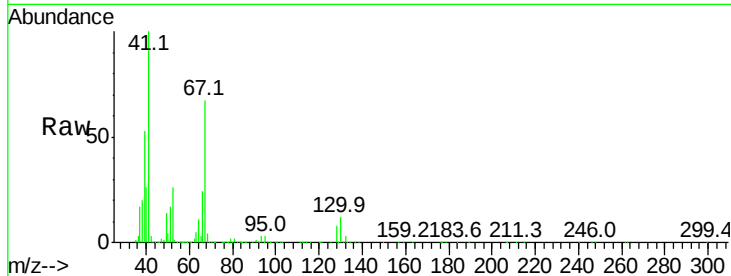
Ion Ratio Lower Upper

41 100

39 53.1 25.7 77.1

67 67.4 34.3 102.8

52 25.6 12.9 38.6

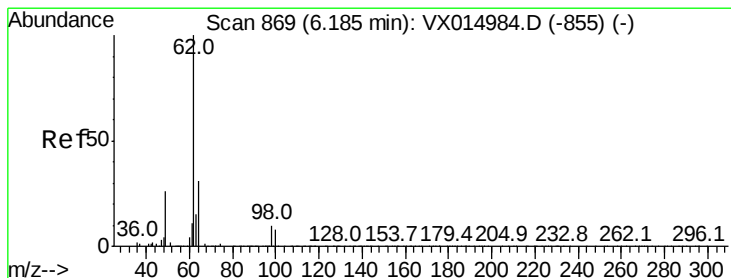
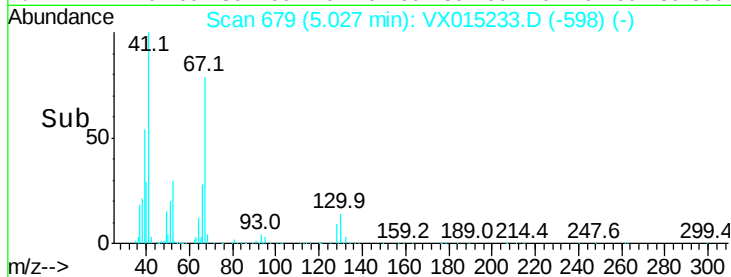
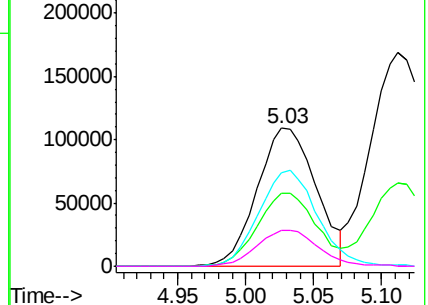


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 140.642 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.18 min

Lab File: VX015233.D

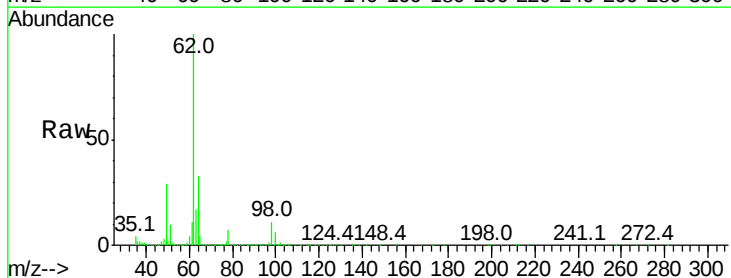
Acq: 12 Mar 2020 13:23

Tgt Ion: 62 Resp: 546843

Ion Ratio Lower Upper

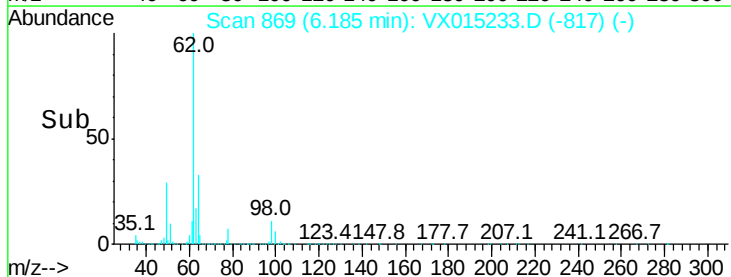
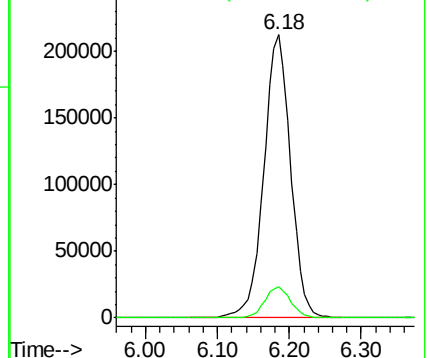
62 100

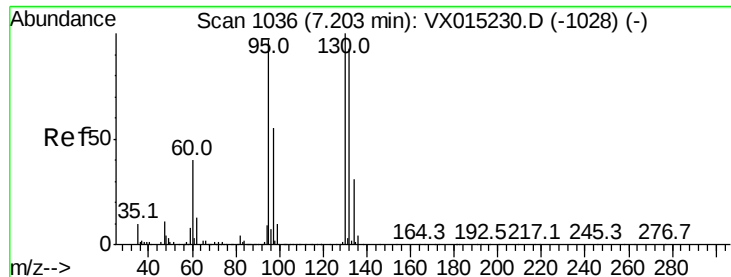
98 10.7 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 159.890 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

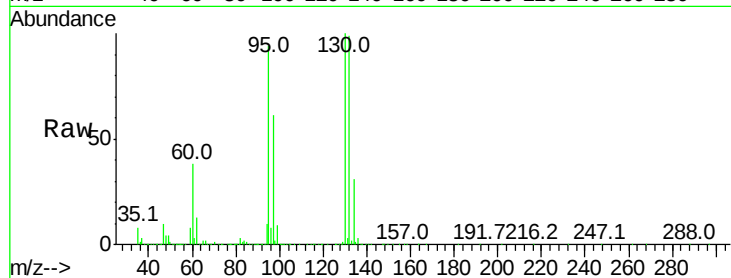
VSTDIC150

Tgt Ion:130 Resp: 493131

Ion Ratio Lower Upper

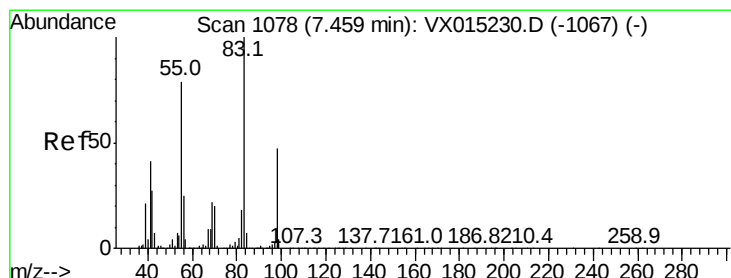
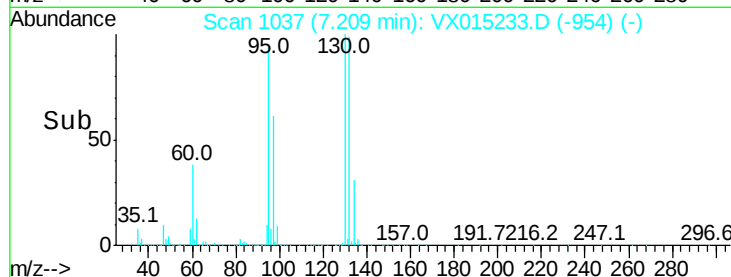
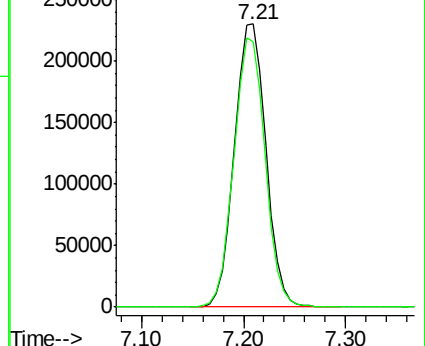
130 100

95 93.8 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 164.915 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

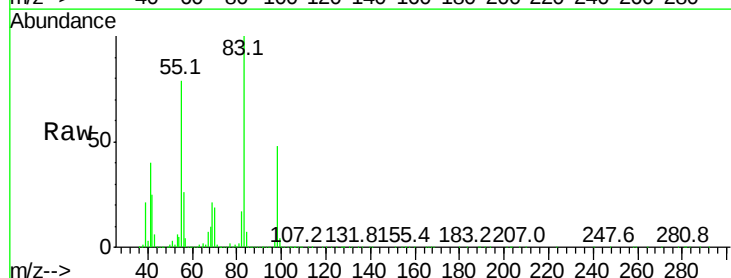
Tgt Ion: 83 Resp: 744144

Ion Ratio Lower Upper

83 100

55 78.0 39.1 117.2

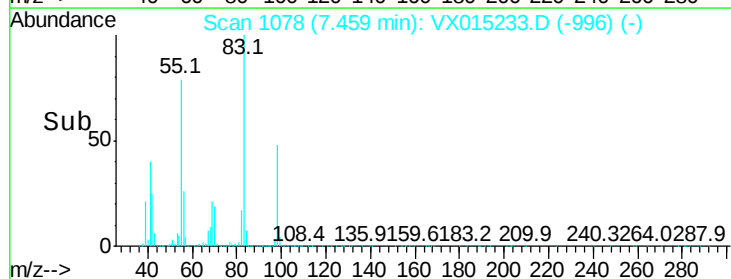
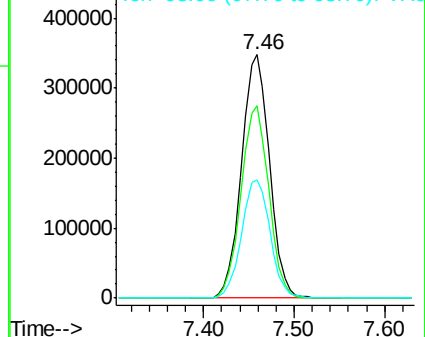
98 49.5 24.4 73.2

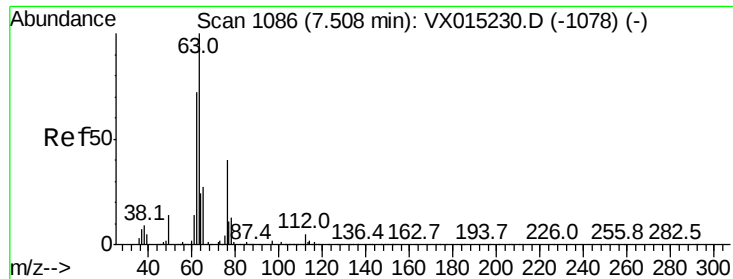


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 166.126 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

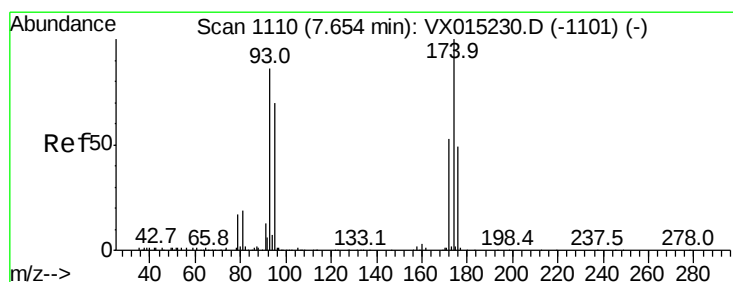
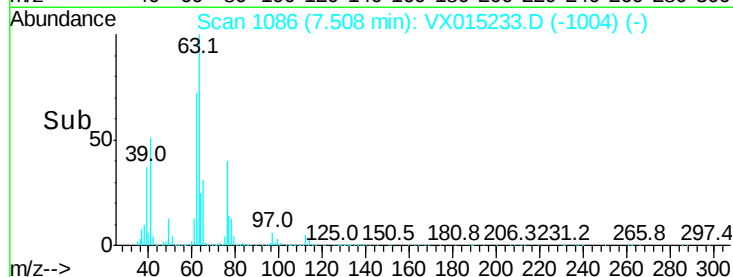
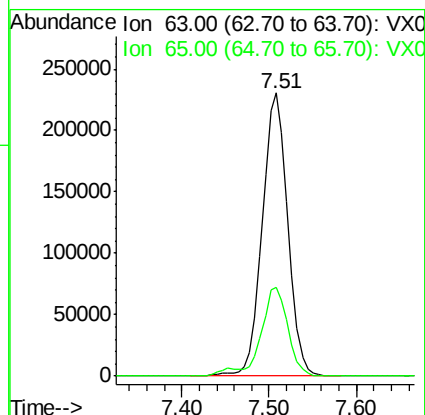
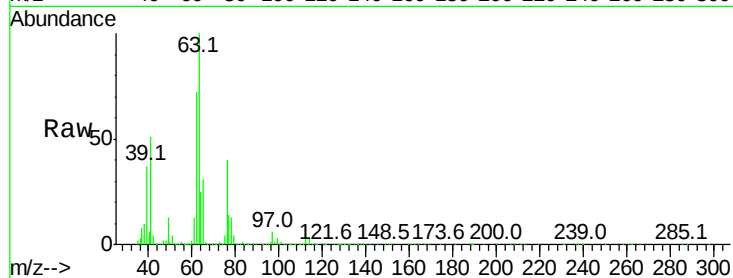
Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 469720

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.2	34.8



#40

Dibromomethane

Concen: 156.260 ug/l

RT: 7.65 min Scan# 1110

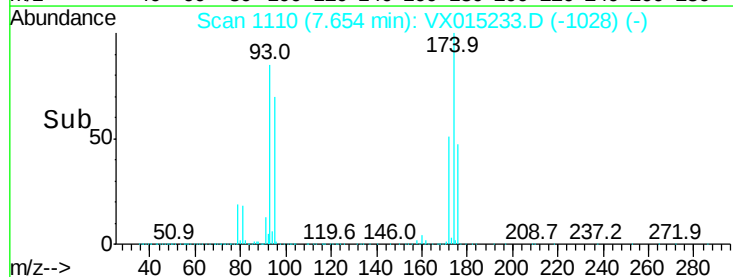
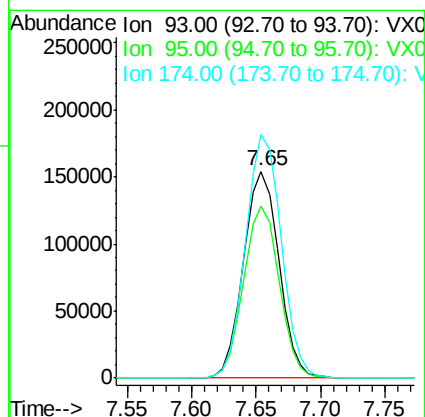
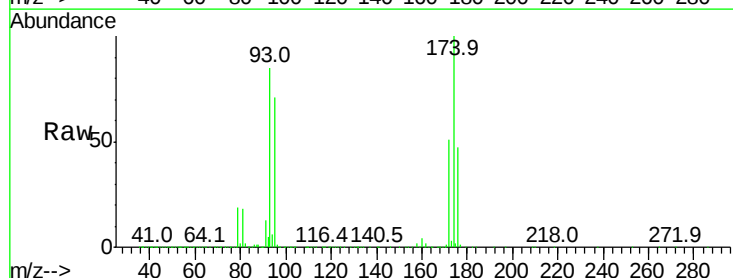
Delta R.T. -0.00 min

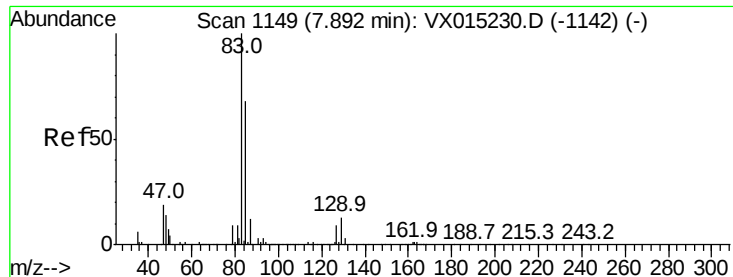
Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion: 93 Resp: 295023

Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	162.6
174	118.7	0.0	233.6





#41

Bromodichloromethane

Concen: 161.818 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

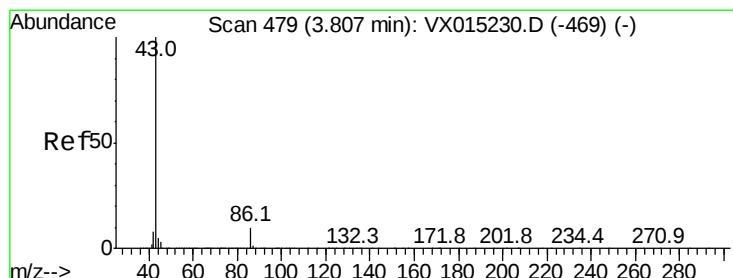
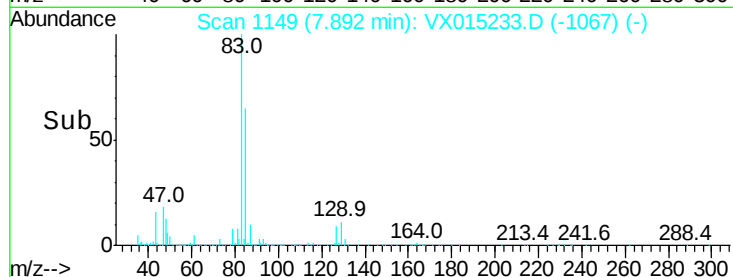
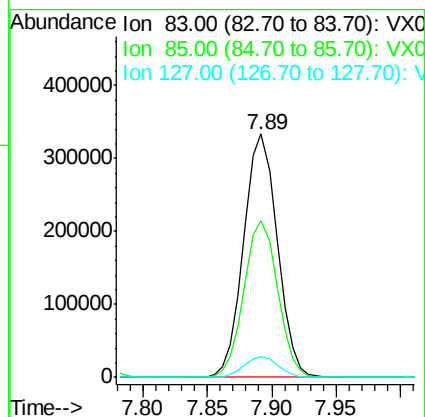
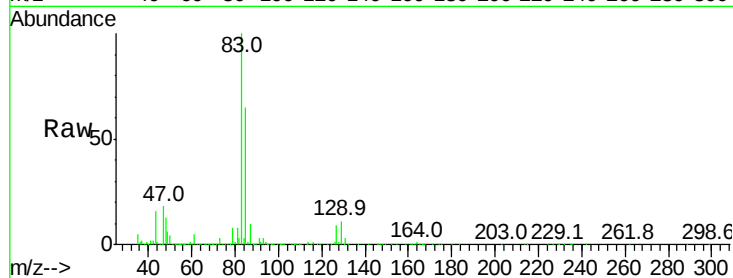
Tgt Ion: 83 Resp: 603515

Ion Ratio Lower Upper

83 100

85 64.5 54.2 81.4

127 8.7 7.1 10.7



#42

Vinyl Acetate

Concen: 842.879 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015233.D

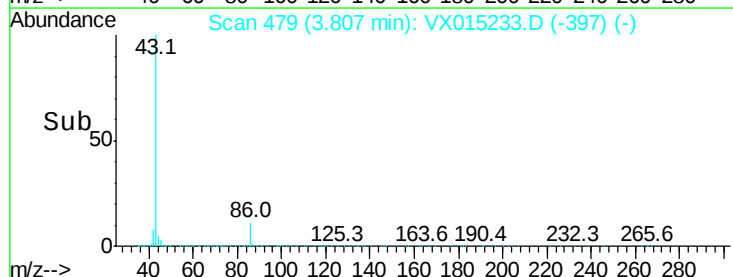
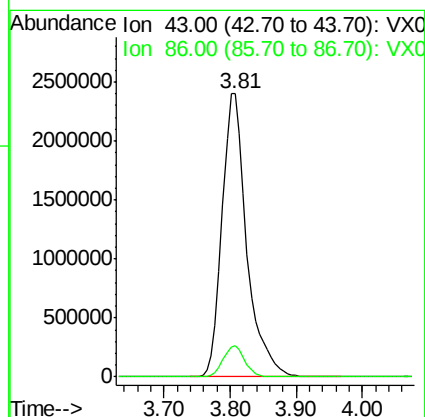
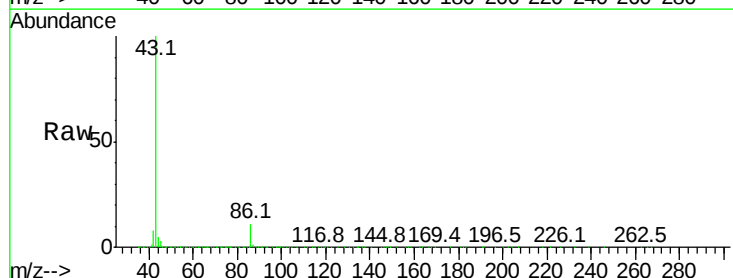
Acq: 12 Mar 2020 13:23

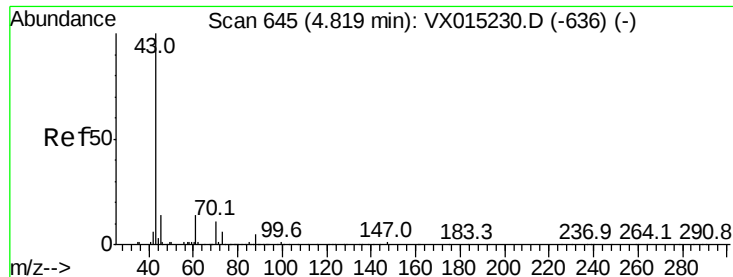
Tgt Ion: 43 Resp: 6233883

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2

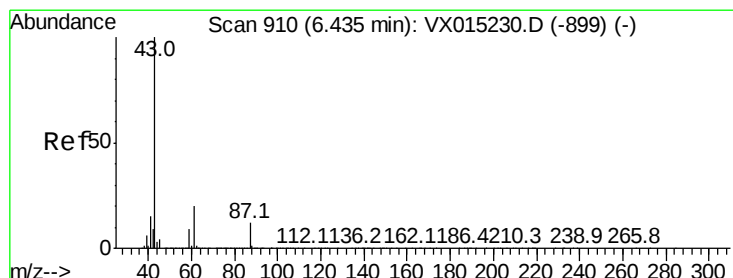
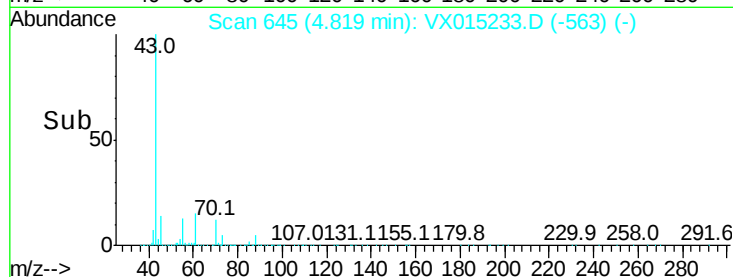
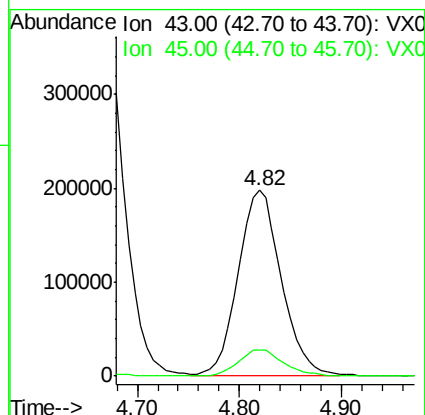
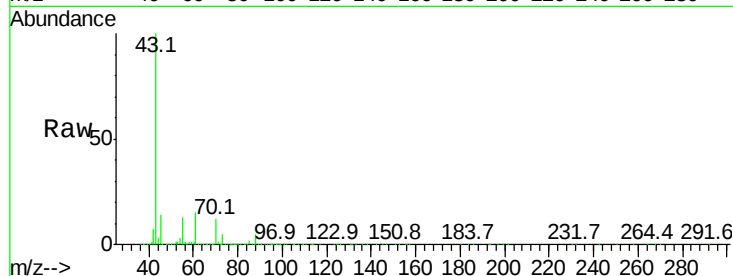




#43
Ethyl Acetate
Concen: 152.279 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

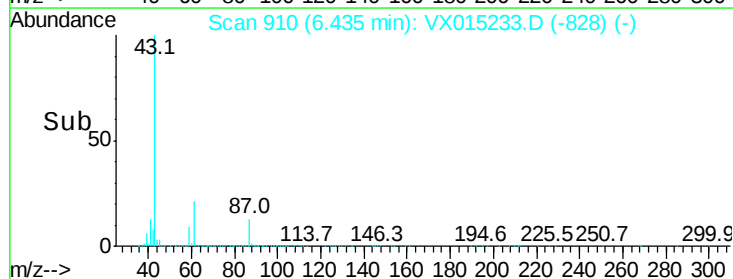
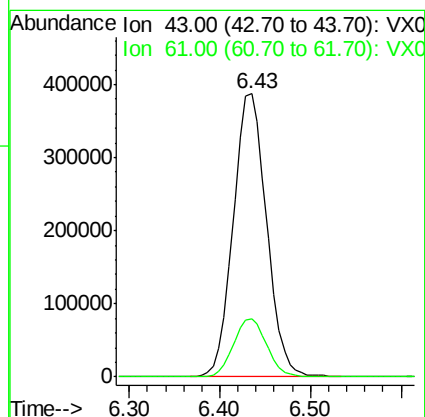
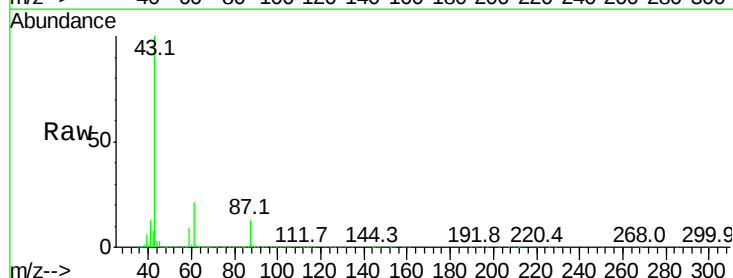
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

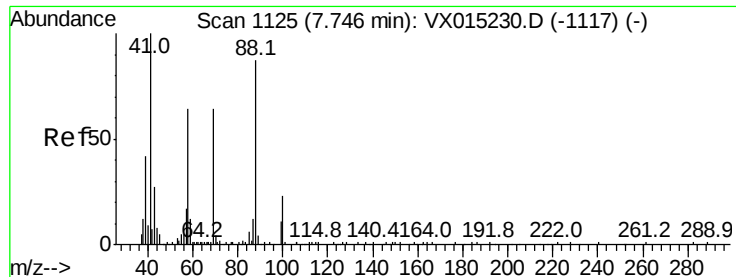
Tgt Ion: 43 Resp: 578954
Ion Ratio Lower Upper
43 100
45 14.9 11.7 17.5



#44
Isopropyl Acetate
Concen: 153.815 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 43 Resp: 983084
Ion Ratio Lower Upper
43 100
61 20.7 17.0 25.4





#45

1,4-Dioxane

Concen: 3637.014 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

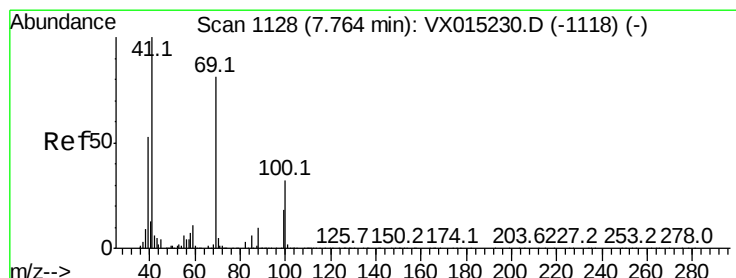
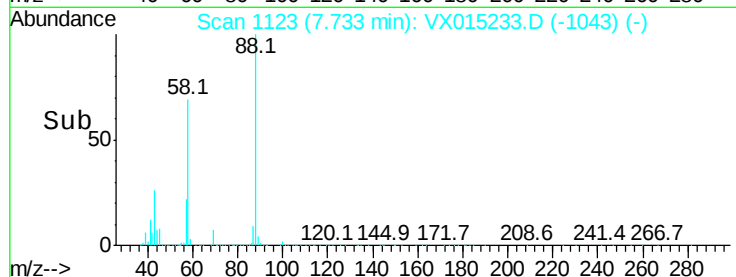
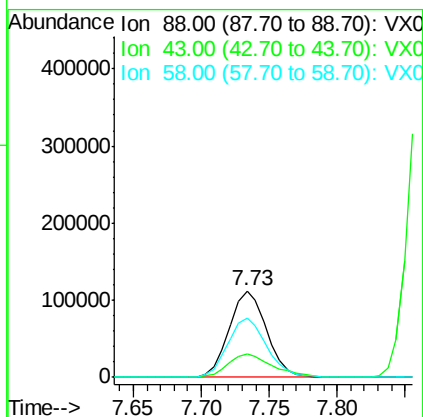
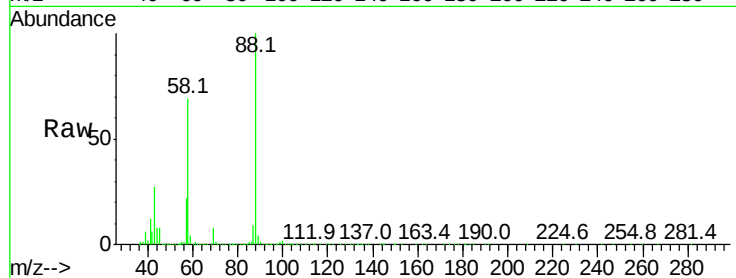
Tgt Ion: 88 Resp: 214791

Ion Ratio Lower Upper

88 100

43 31.3 26.4 39.6

58 71.5 57.3 85.9



#46

Methyl methacrylate

Concen: 167.728 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

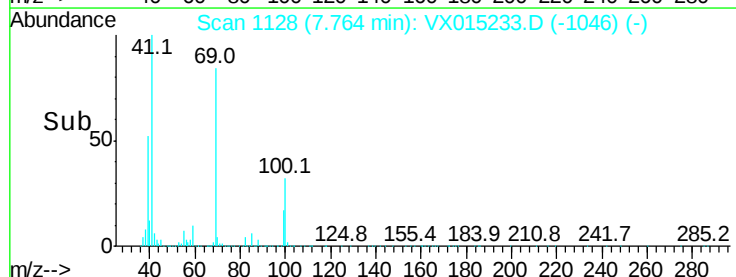
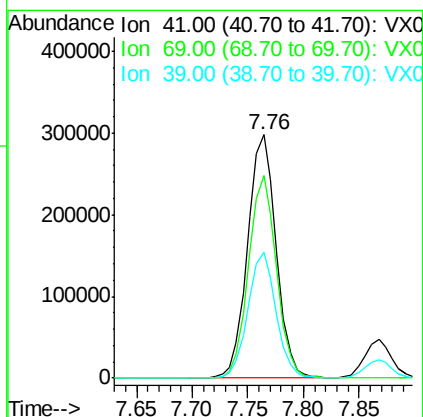
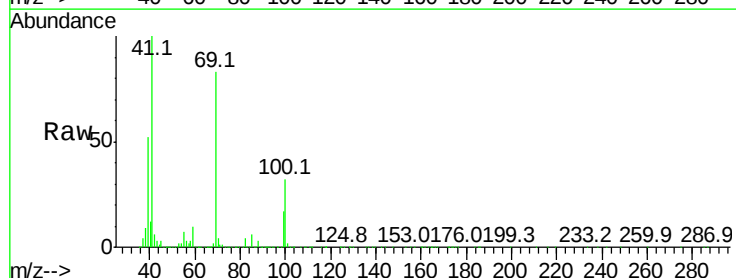
Tgt Ion: 41 Resp: 530340

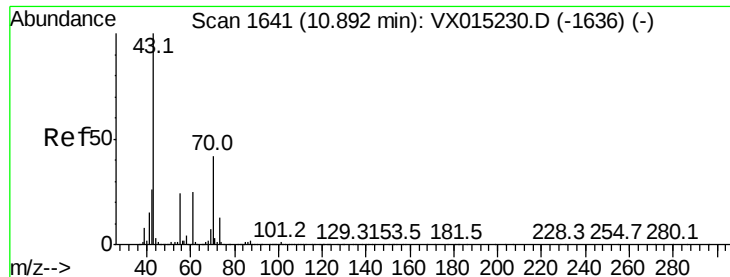
Ion Ratio Lower Upper

41 100

69 83.5 40.5 121.4

39 51.6 26.6 79.8





#47

n-amy1 Acetate

Concen: 169.660 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

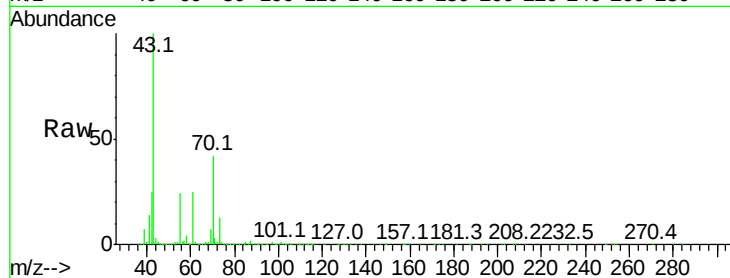
VSTDIC150

Tgt Ion: 43 Resp: 939387

Ion Ratio Lower Upper

43 100

55 23.5 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

800000

600000

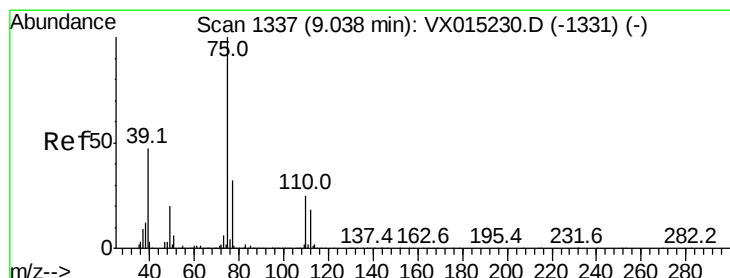
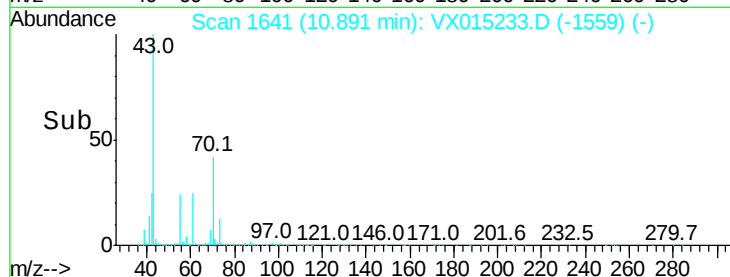
400000

200000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 158.488 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015233.D

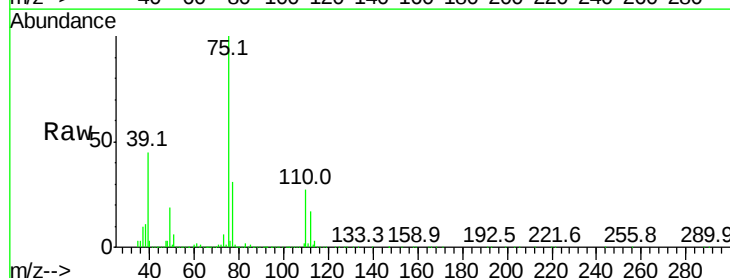
Acq: 12 Mar 2020 13:23

Tgt Ion: 75 Resp: 655800

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

500000

400000

300000

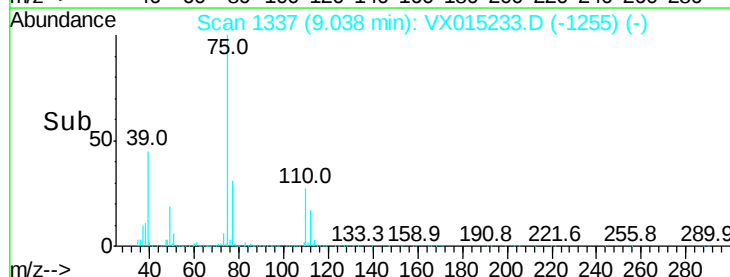
200000

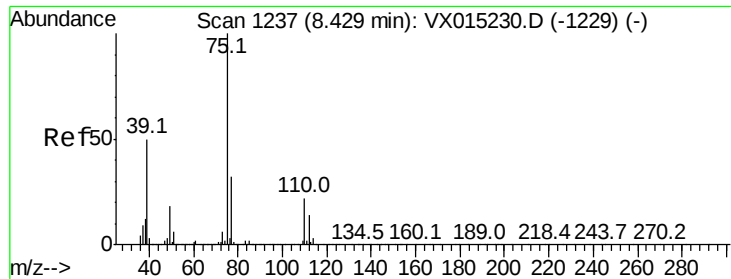
100000

0

8.95 9.00 9.05 9.10

Time-->



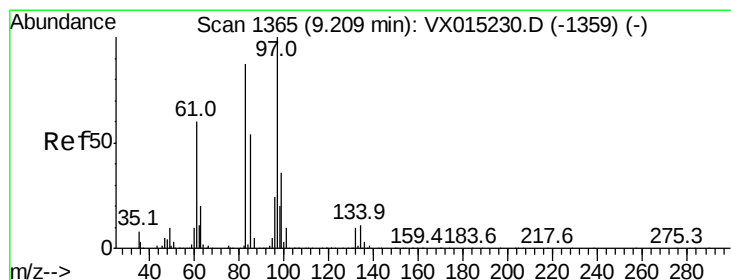
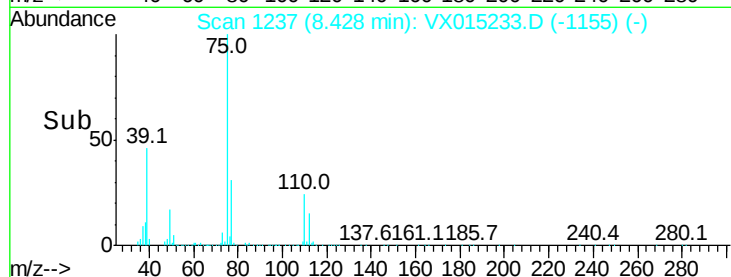
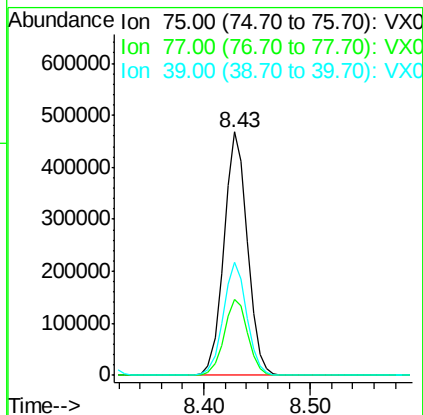
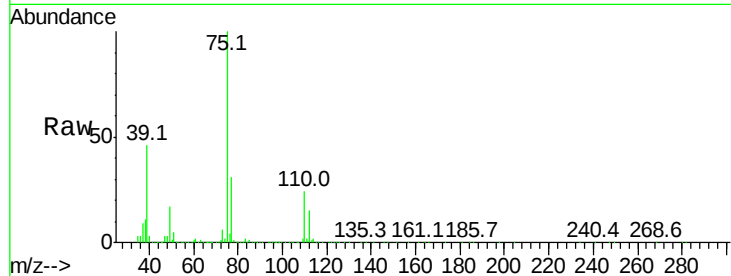


#49

cis-1,3-Dichloropropene
Concen: 158.235 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

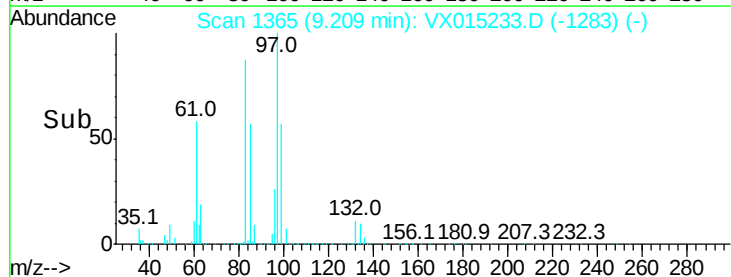
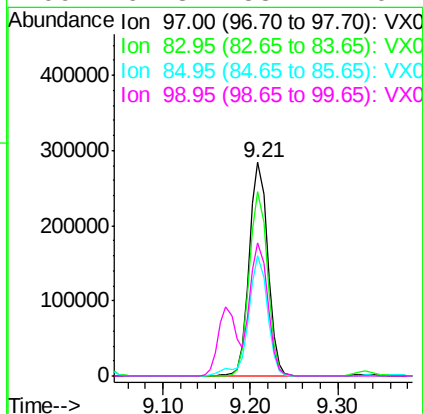
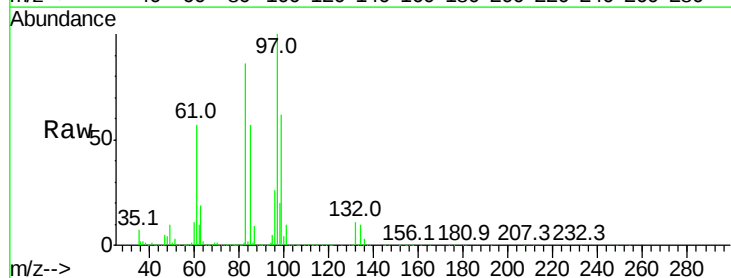
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	46.1	39.8	59.6

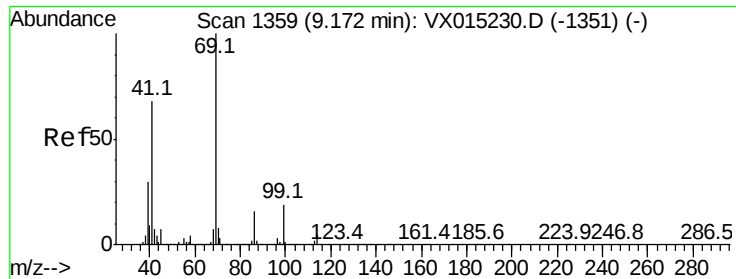


#50

1,1,2-Trichloroethane
Concen: 147.719 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.7	104.5
85	56.5	45.4	68.0
99	62.3	53.1	79.7





#51

Ethyl methacrylate

Concen: 159.898 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

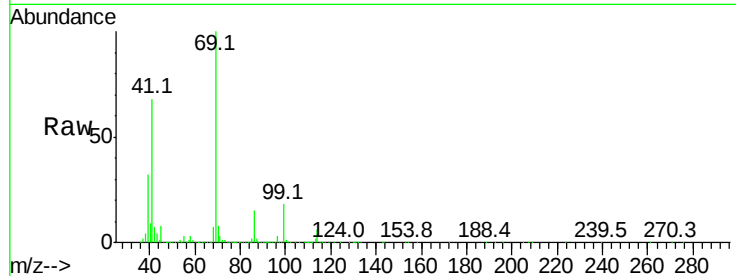
Tgt Ion: 69 Resp: 694196

Ion Ratio Lower Upper

69 100

41 67.6 33.8 101.3

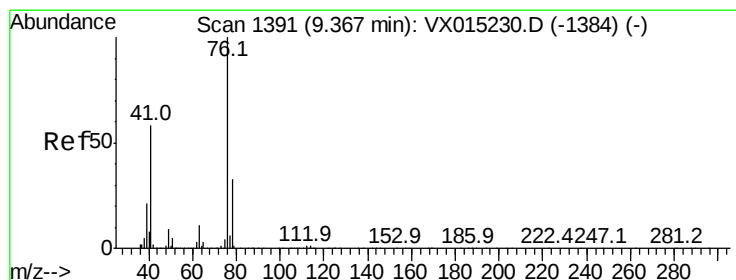
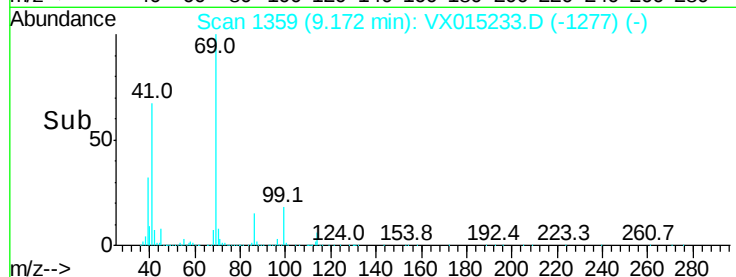
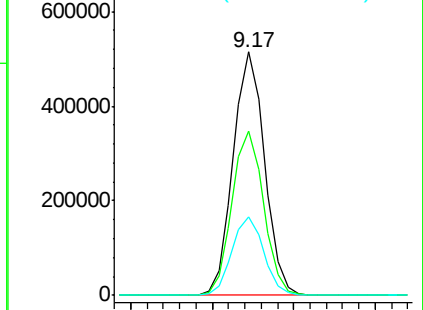
39 32.1 15.1 45.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 147.363 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015233.D

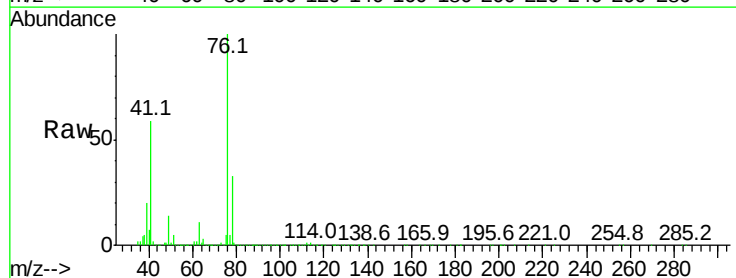
Acq: 12 Mar 2020 13:23

Tgt Ion: 76 Resp: 701225

Ion Ratio Lower Upper

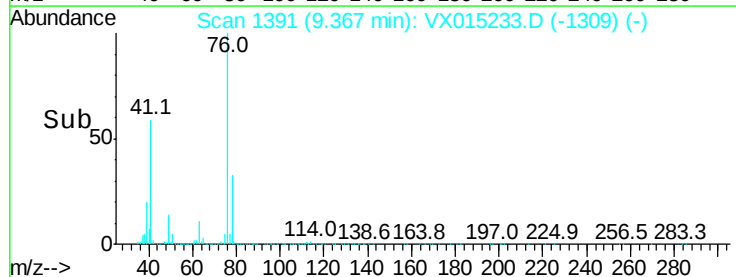
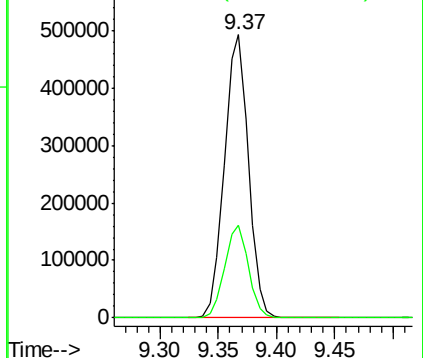
76 100

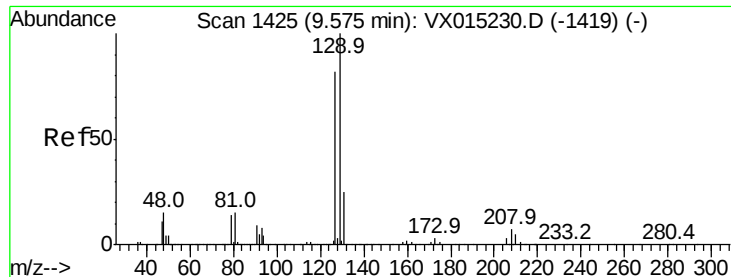
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 155.720 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

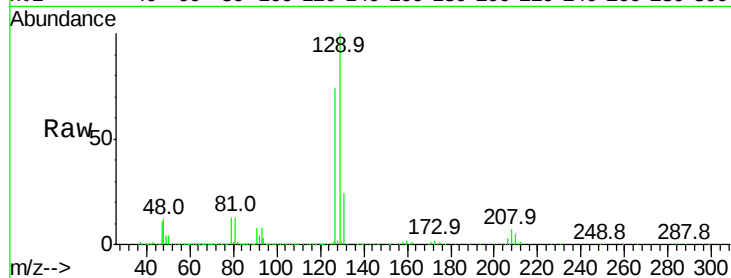
VSTDIC150

Tgt Ion:129 Resp: 473574

Ion Ratio Lower Upper

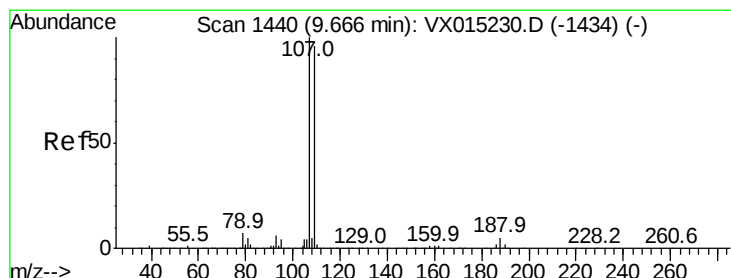
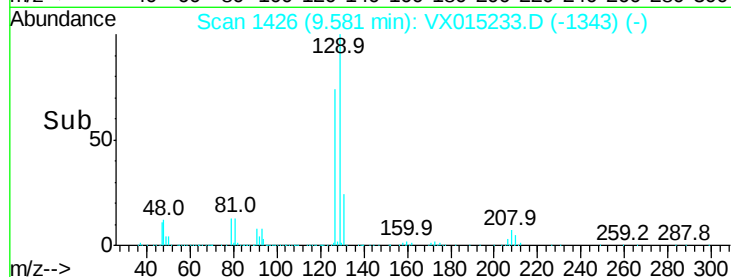
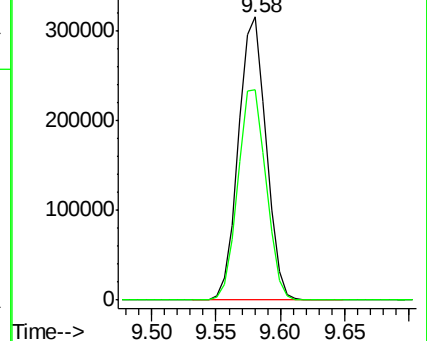
129 100

127 76.1 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: 146.720 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015233.D

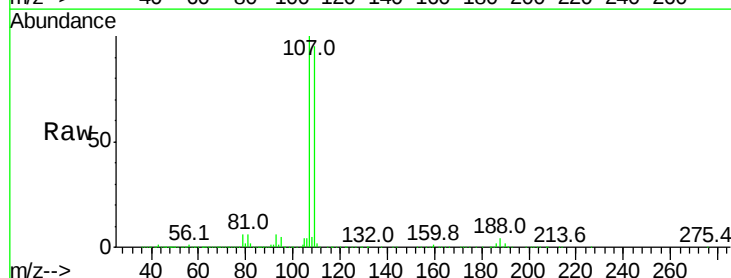
Acq: 12 Mar 2020 13:23

Tgt Ion:107 Resp: 438173

Ion Ratio Lower Upper

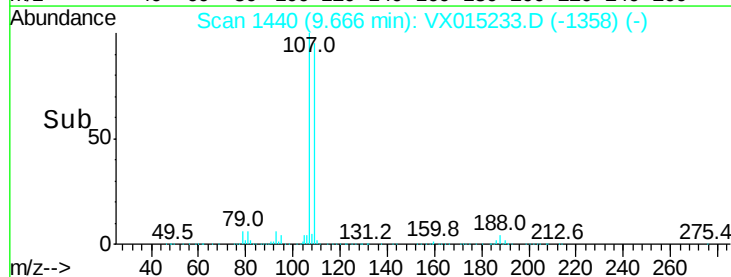
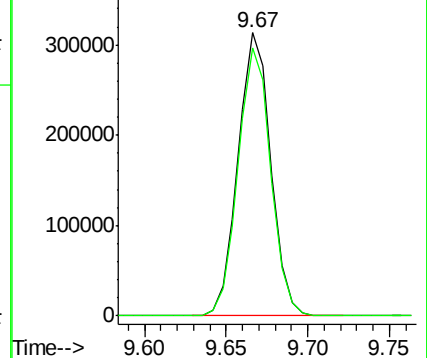
107 100

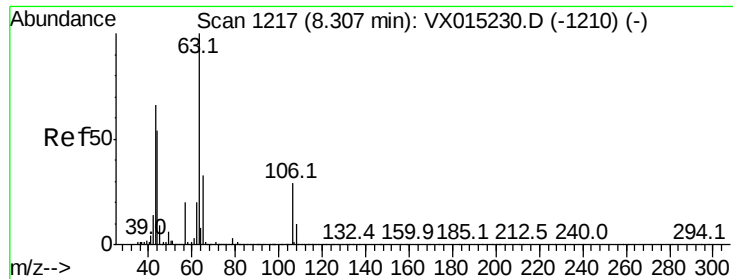
109 94.1 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



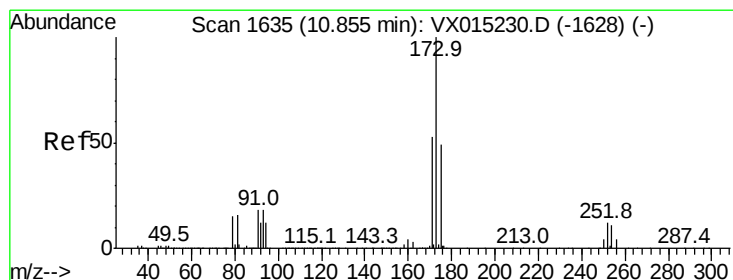
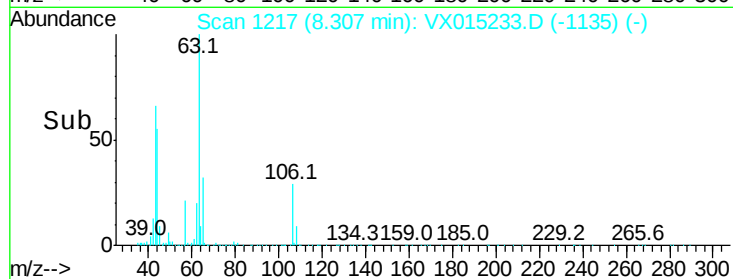
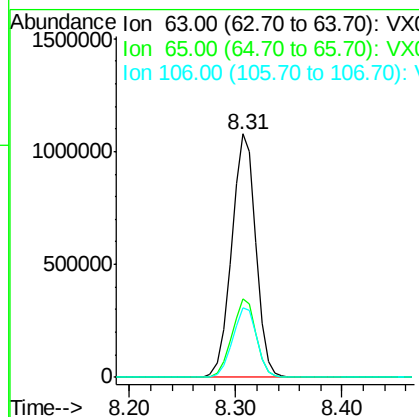
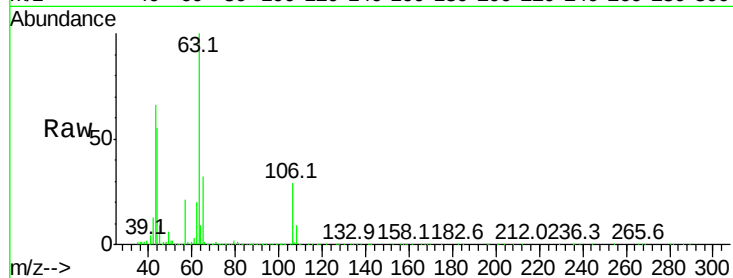


#55
 2-Chloroethyl vinyl ether
 Concen: 738.557 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion: 63 Resp: 1708018

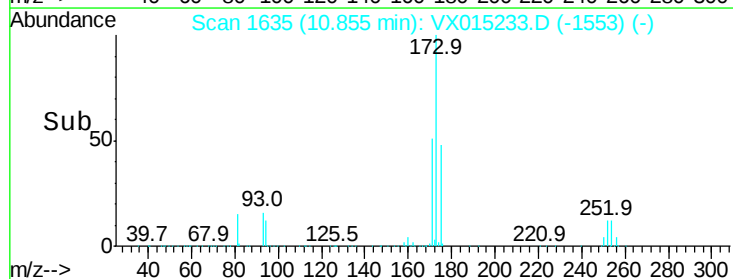
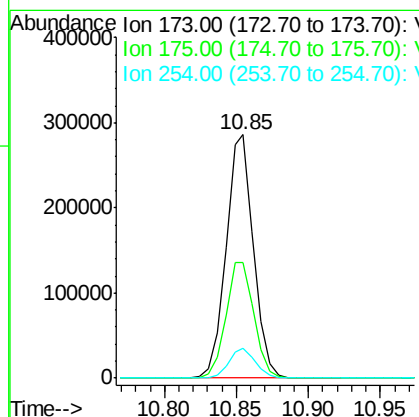
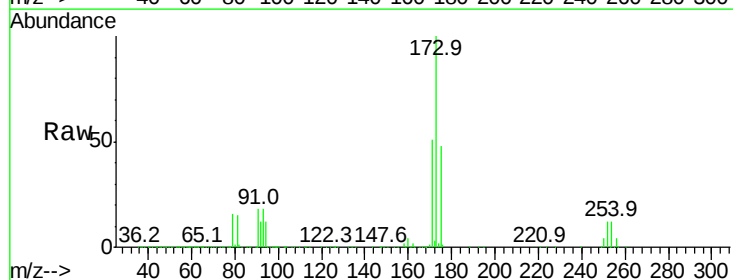
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.6	38.4
106	28.8	23.0	34.4

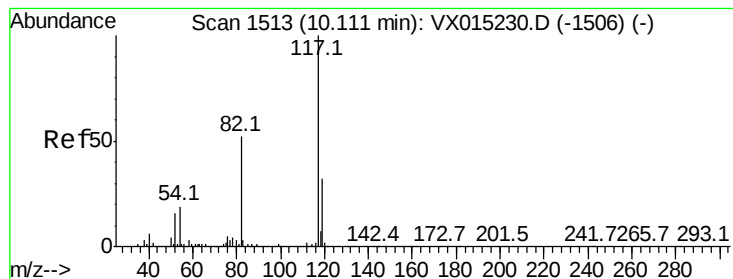


#56
 Bromoform
 Concen: 159.635 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion: 173 Resp: 380572

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.9	58.3
254	11.8	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: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

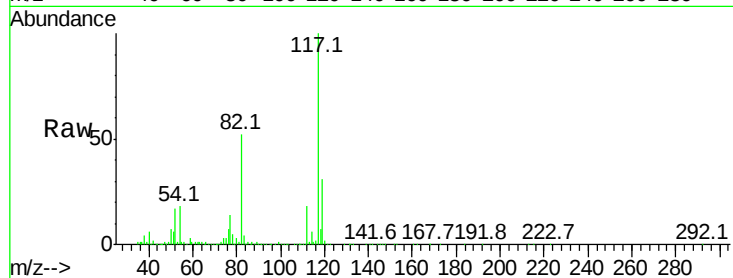
Tgt Ion: 117 Resp: 228153

Ion Ratio Lower Upper

117 100

82 53.3 43.2 64.8

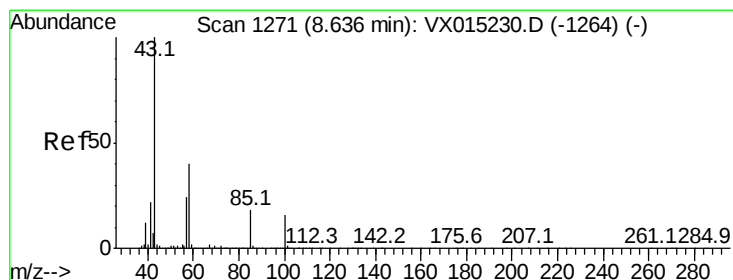
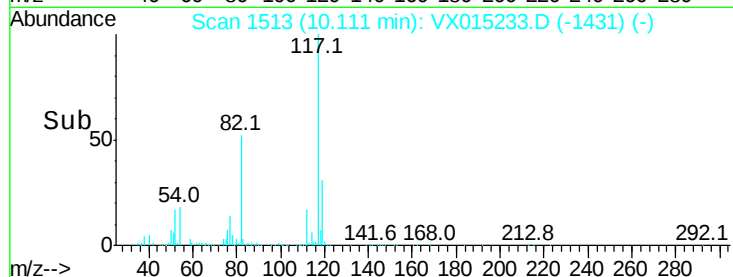
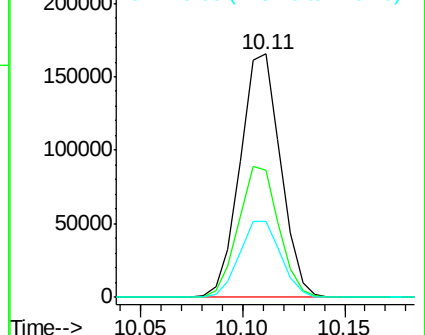
119 32.2 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 786.092 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

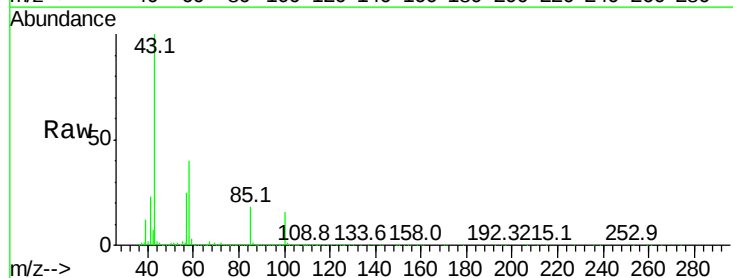
Tgt Ion: 43 Resp: 2939309

Ion Ratio Lower Upper

43 100

58 40.1 31.6 47.4

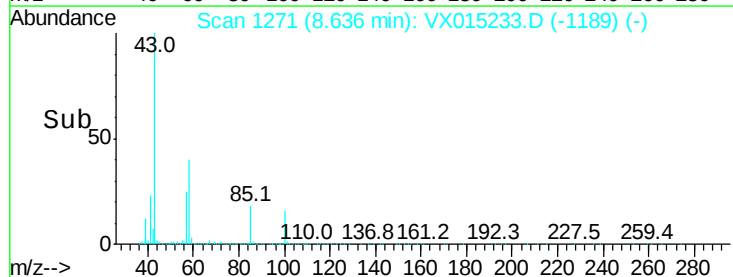
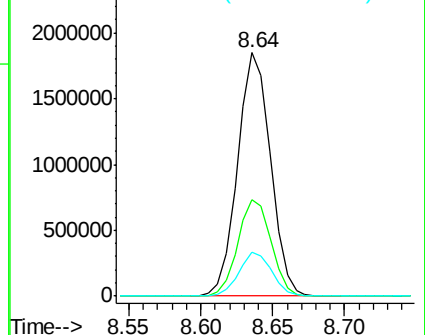
85 17.8 13.8 20.8

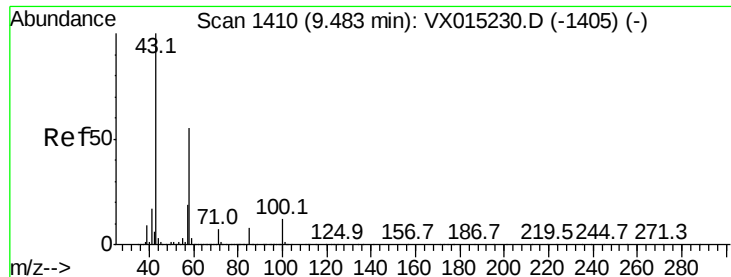


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

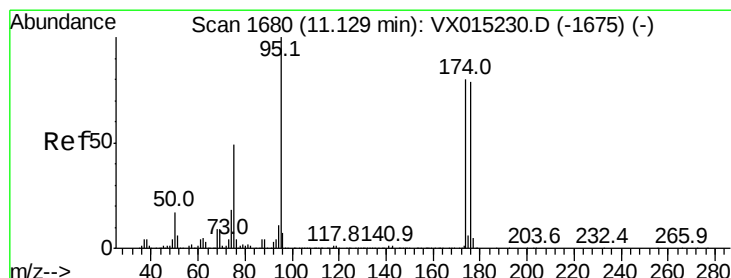
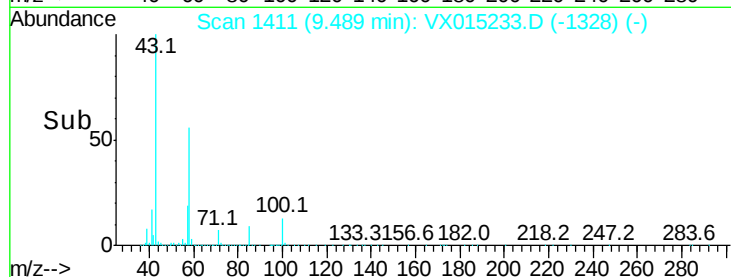
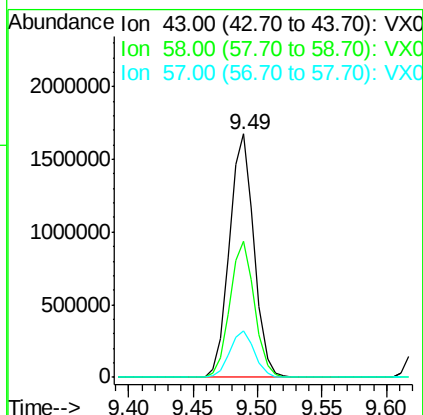
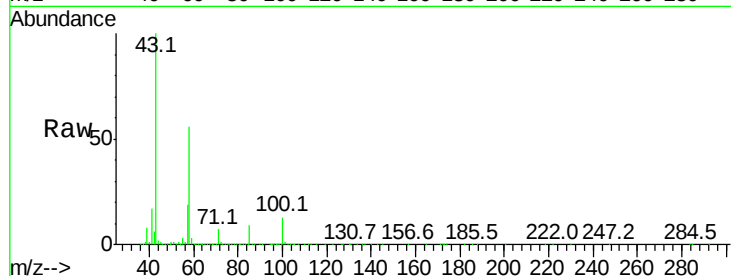




#59
2-Hexanone
Concen: 768.186 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

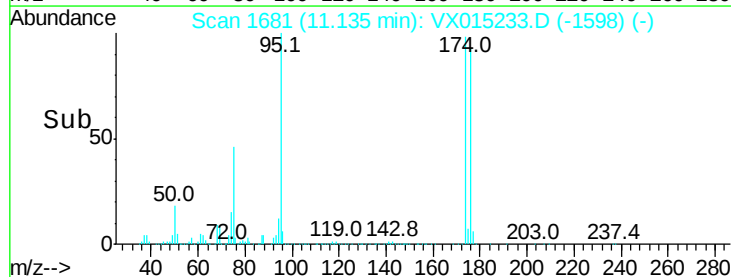
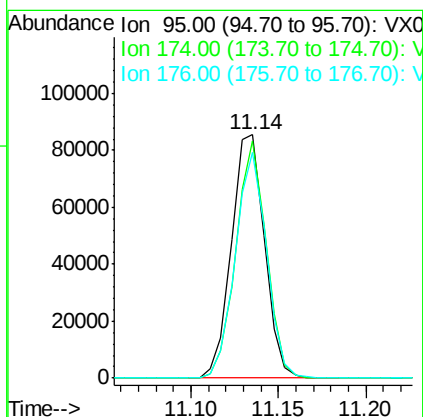
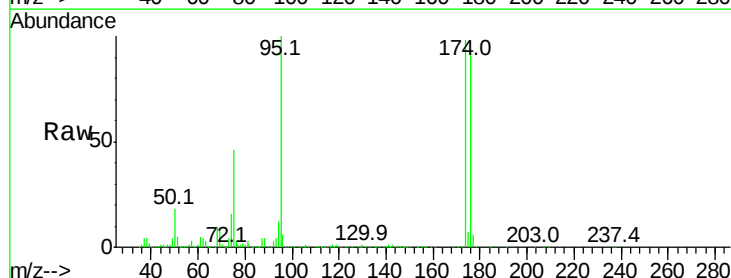
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

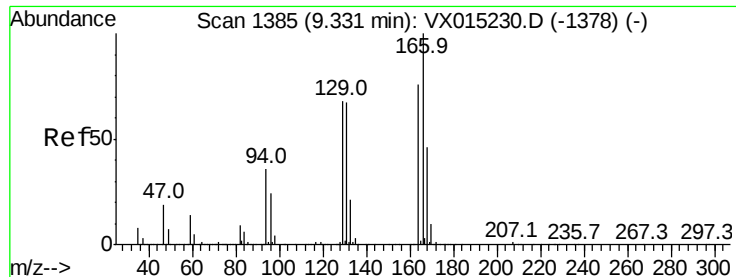
Tgt Ion: 43 Resp: 2244271
Ion Ratio Lower Upper
43 100
58 55.8 44.6 66.8
57 19.3 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 31.702 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 95 Resp: 112652
Ion Ratio Lower Upper
95 100
174 89.7 72.0 108.0
176 87.3 70.1 105.1





#61

Tetrachloroethene

Concen: 148.578 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 455301

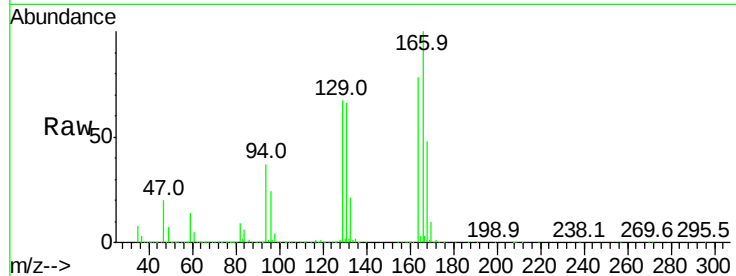
Ion Ratio Lower Upper

164 100

166 128.7 105.1 157.7

129 86.4 71.5 107.3

131 84.9 69.9 104.9

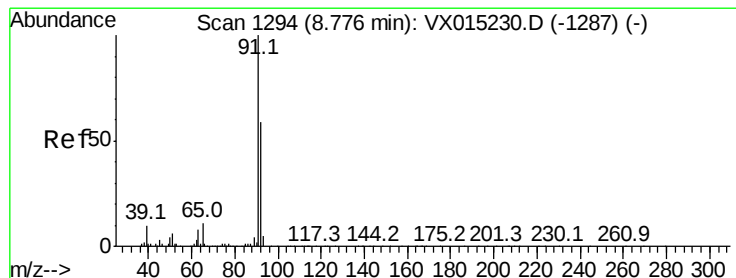
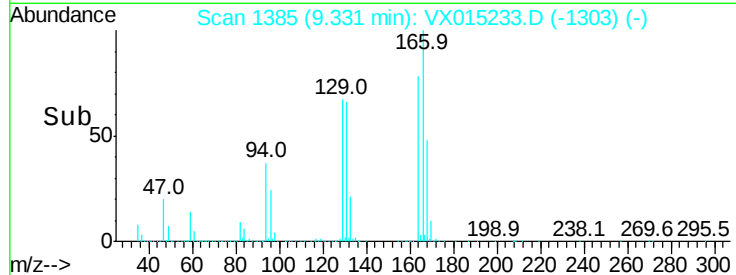
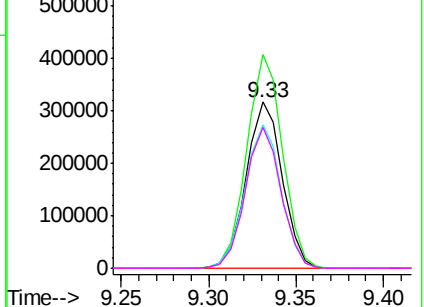


Abundance Ion 163.85 (163.55 to 164.55): V

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: 153.135 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015233.D

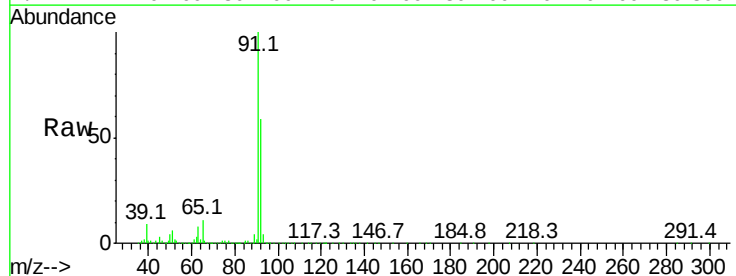
Acq: 12 Mar 2020 13:23

Tgt Ion: 91 Resp: 1789567

Ion Ratio Lower Upper

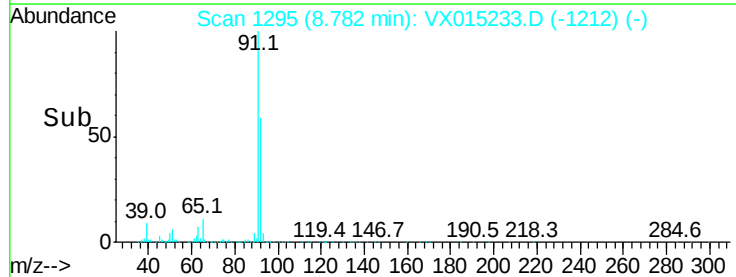
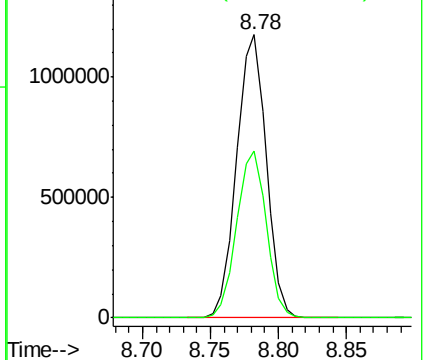
91 100

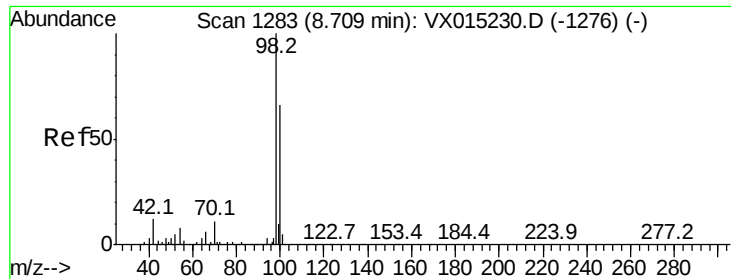
92 58.8 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.694 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

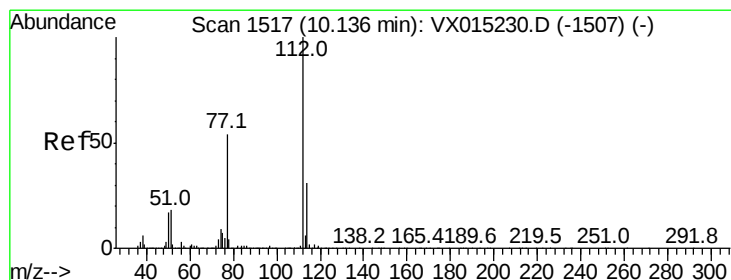
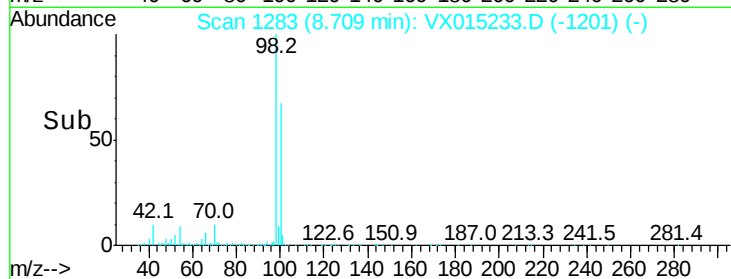
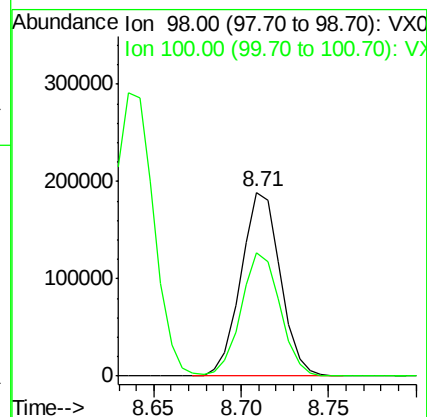
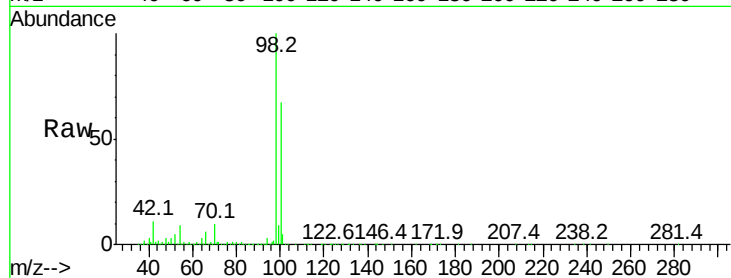
VSTDIC150

Tgt Ion: 98 Resp: 295441

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4



#64

Chlorobenzene

Concen: 153.915 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015233.D

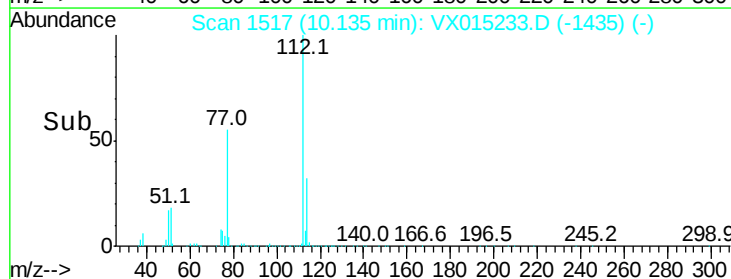
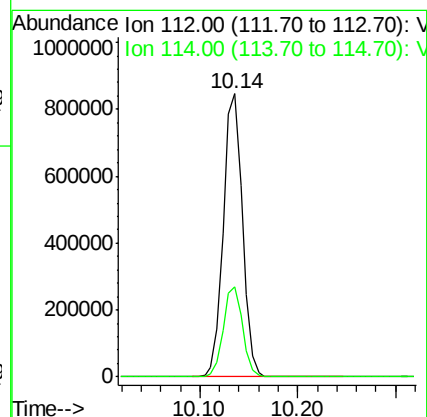
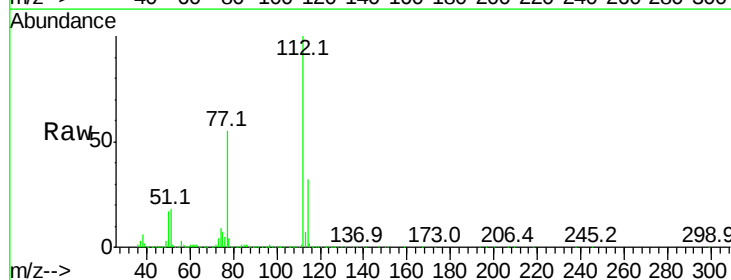
Acq: 12 Mar 2020 13:23

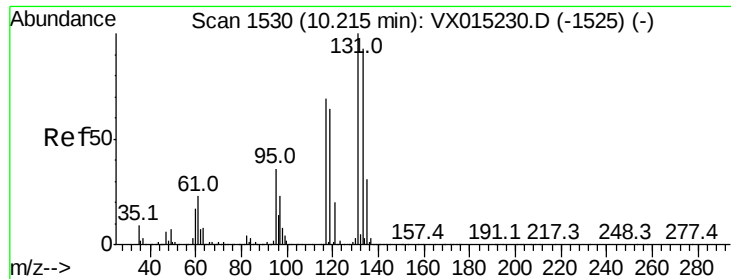
Tgt Ion: 112 Resp: 1148076

Ion Ratio Lower Upper

112 100

114 31.7 24.8 37.2

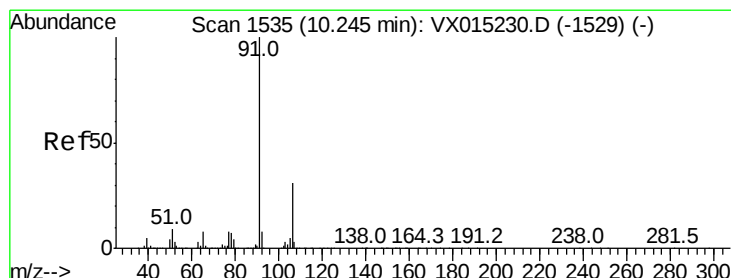
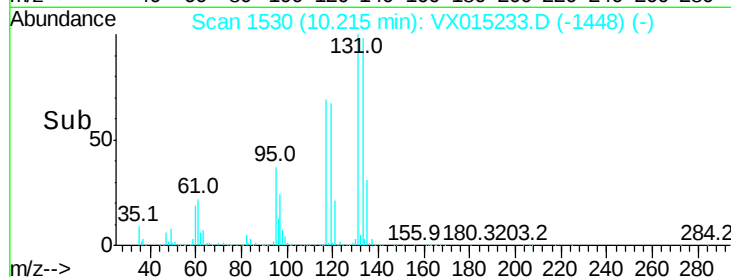
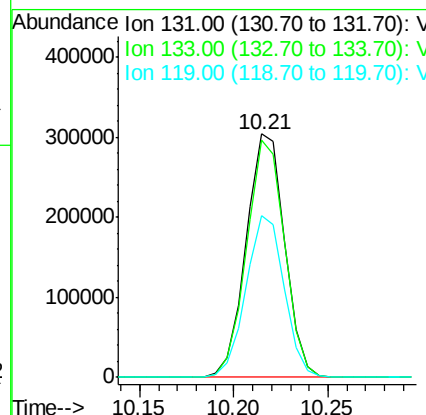
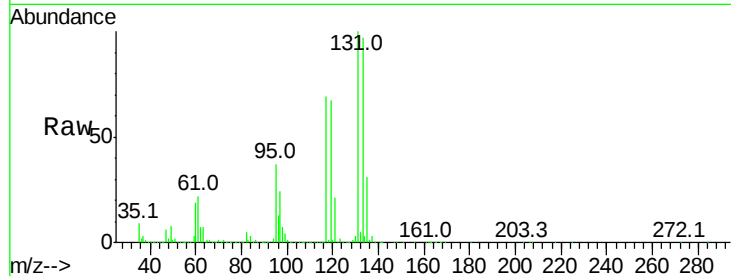




#65
 1,1,1,2-Tetrachloroethane
 Concen: 155.794 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

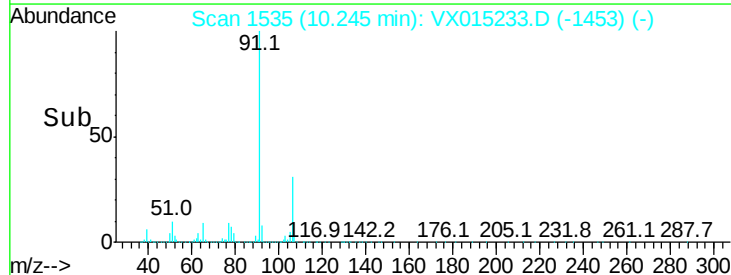
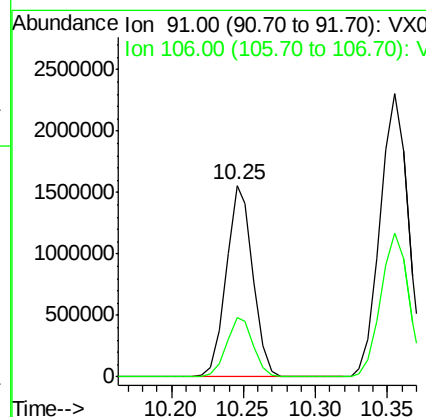
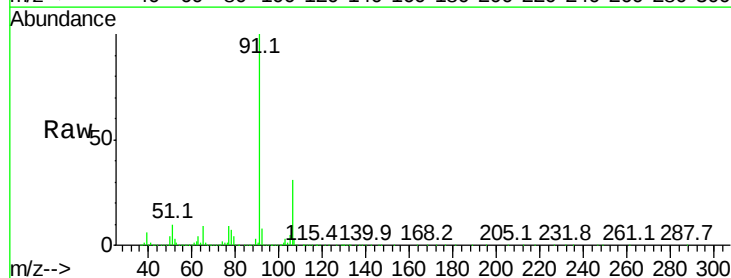
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

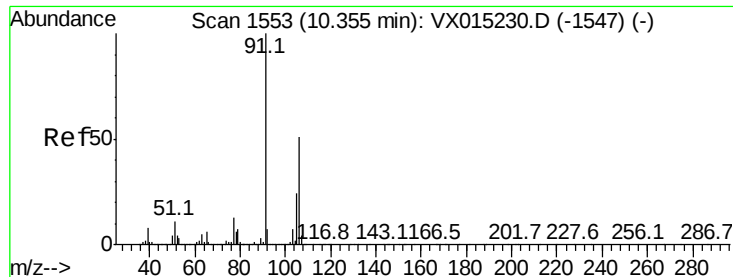
Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	188.0
119	65.7	0.0	131.0



#66
 Ethyl Benzene
 Concen: 156.916 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.9	37.3





#67

m/p-Xylenes

Concen: 314.526 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

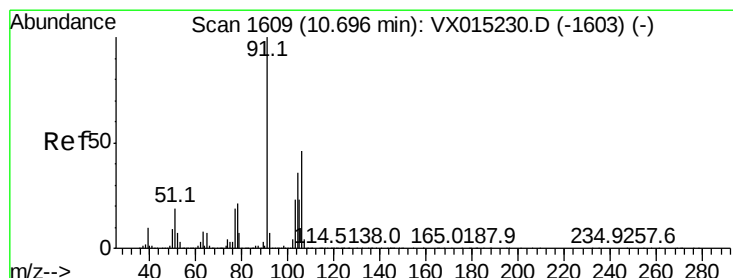
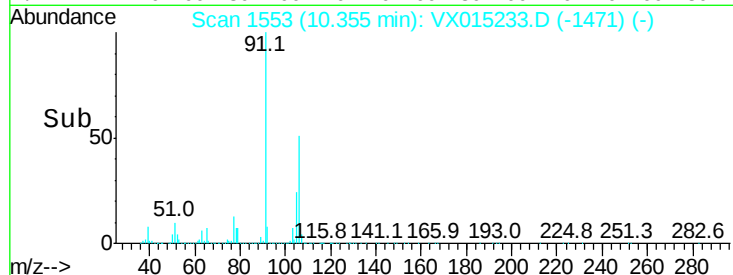
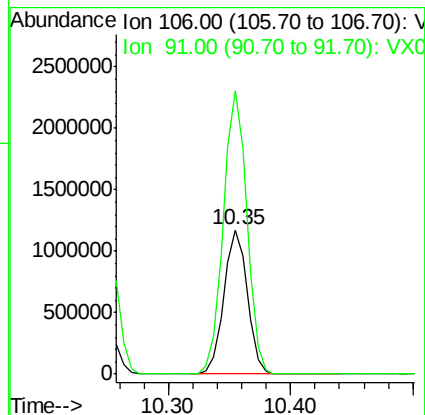
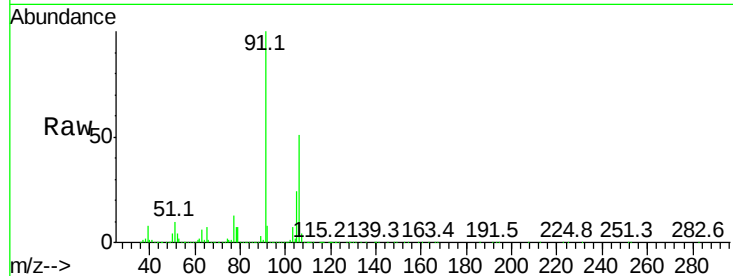
VSTDIC150

Tgt Ion:106 Resp: 1561308

Ion Ratio Lower Upper

106 100

91 196.9 160.1 240.1



#68

o-Xylene

Concen: 155.988 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015233.D

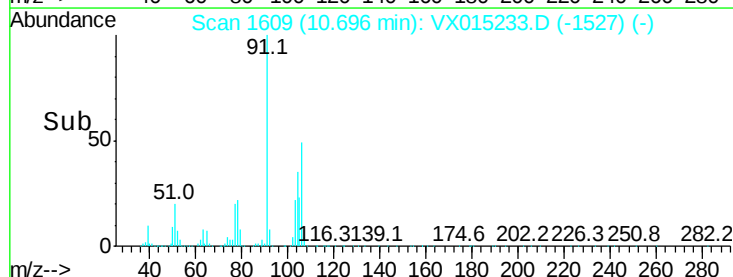
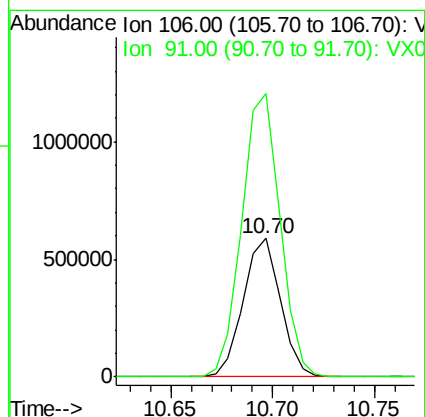
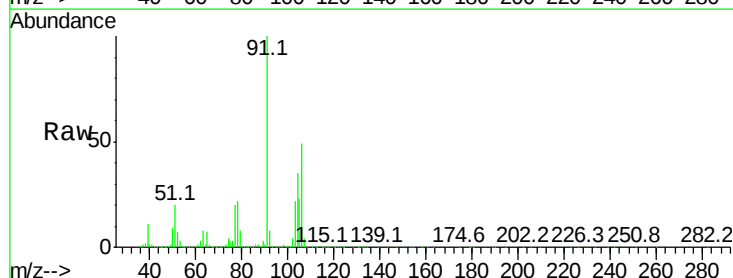
Acq: 12 Mar 2020 13:23

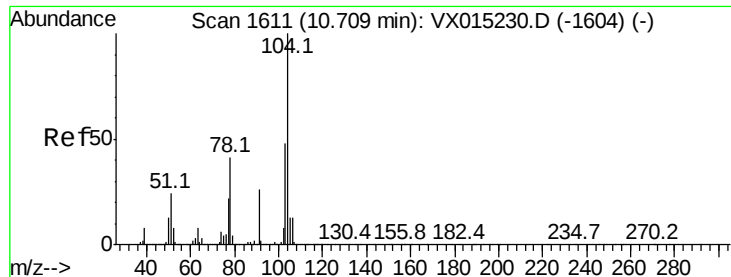
Tgt Ion:106 Resp: 749225

Ion Ratio Lower Upper

106 100

91 209.5 106.4 319.2

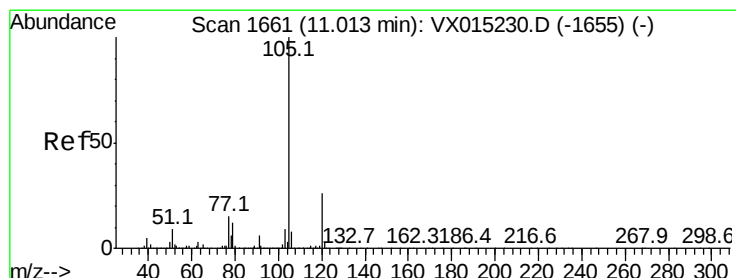
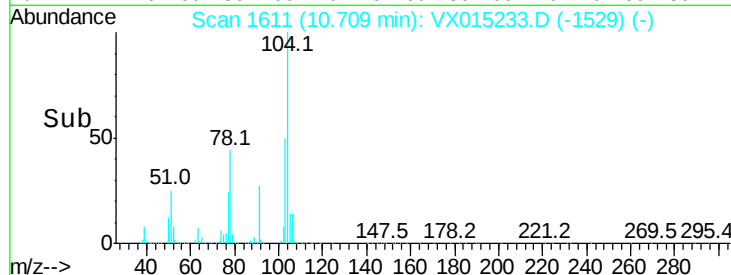
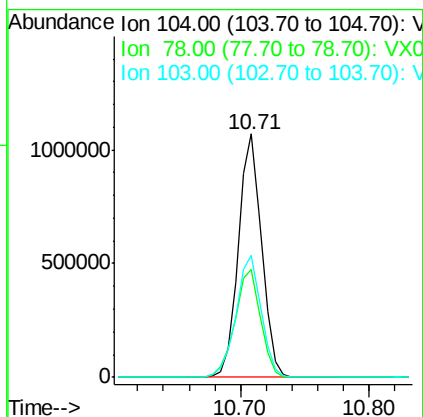
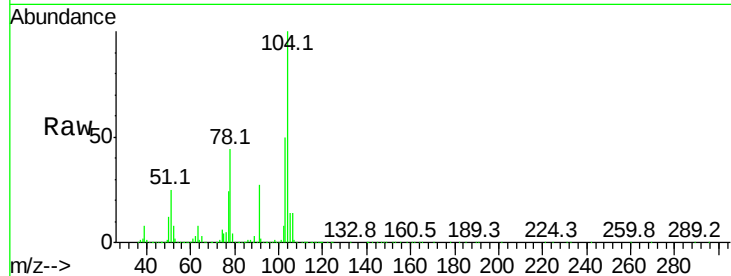




#69
Styrene
Concen: 162.827 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

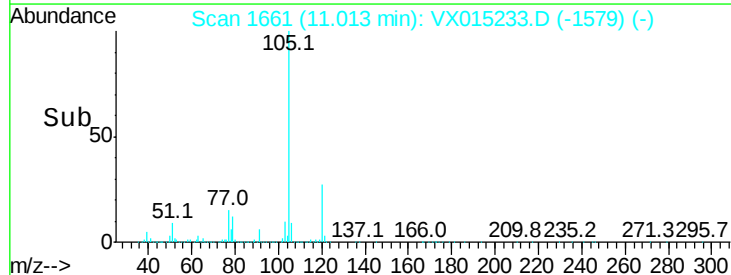
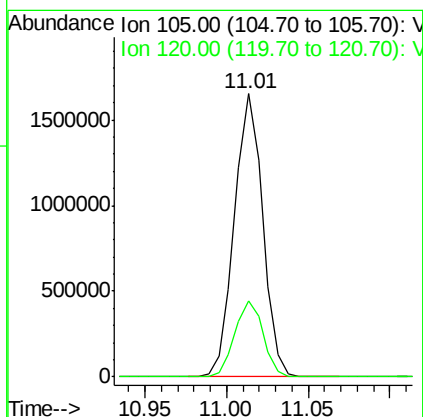
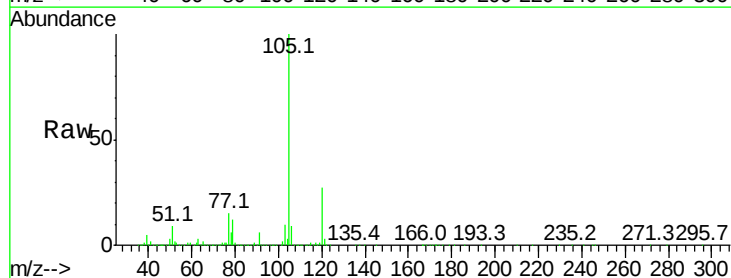
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

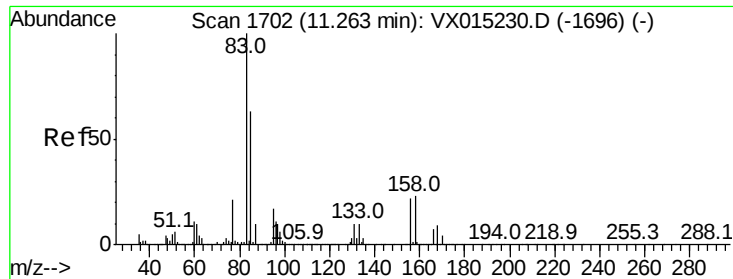
Tgt Ion:104 Resp: 1335695
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 54.3 43.2 64.8



#70
Isopropylbenzene
Concen: 156.555 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion:105 Resp: 1997373
Ion Ratio Lower Upper
105 100
120 26.9 18.6 34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 166.543 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

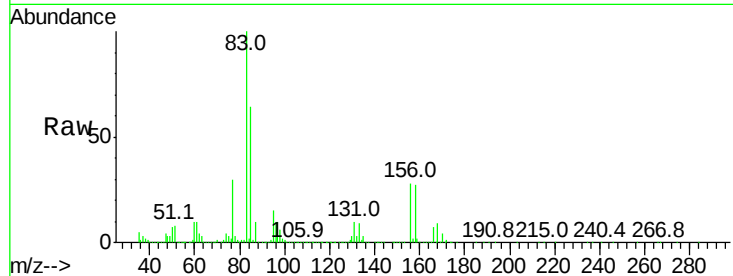
Tgt Ion: 83 Resp: 684131

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

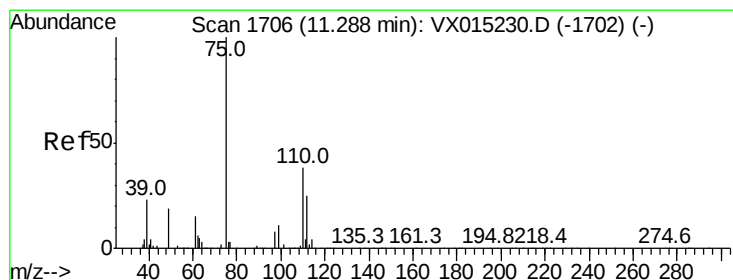
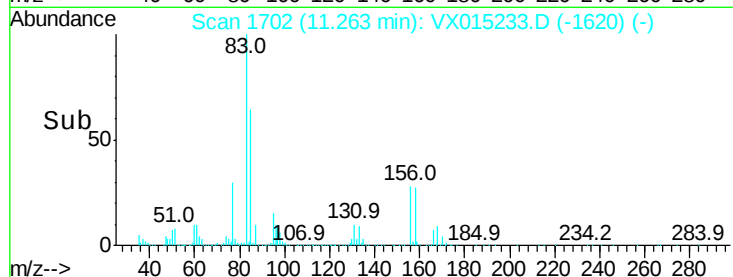
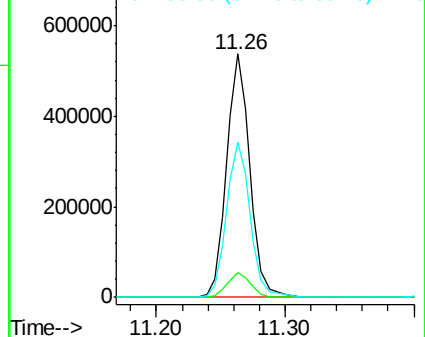
85 64.8 31.8 95.4



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: 243.216 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015233.D

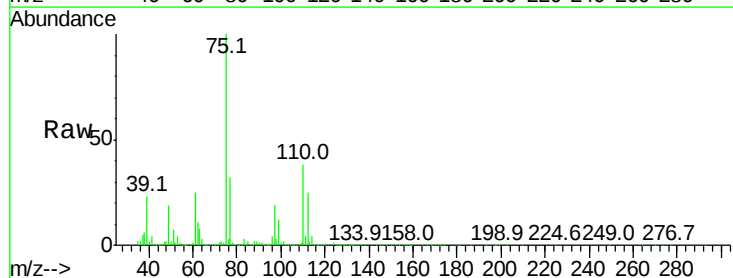
Acq: 12 Mar 2020 13:23

Tgt Ion: 75 Resp: 828730

Ion Ratio Lower Upper

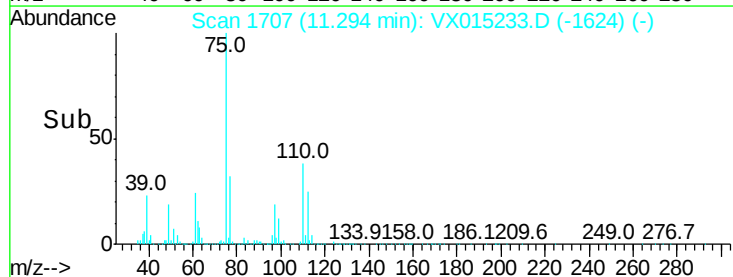
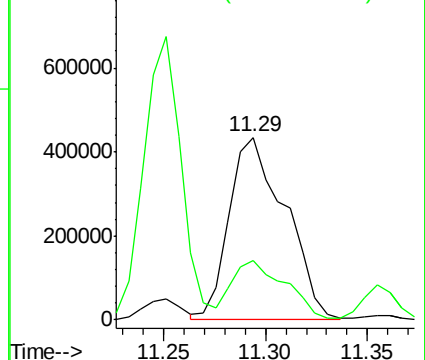
75 100

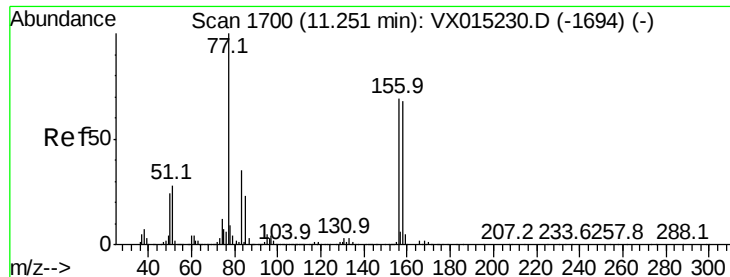
77 30.8 0.0 83.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 166.983 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

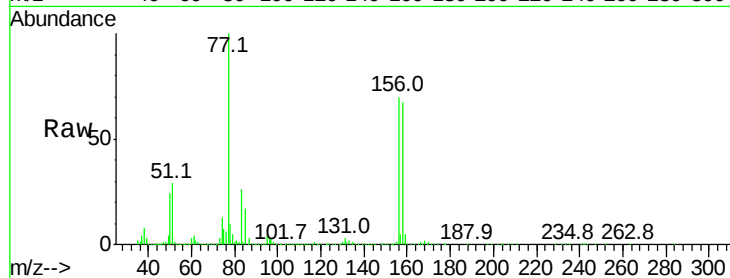
Tgt Ion:156 Resp: 575650

Ion Ratio Lower Upper

156 100

77 149.1 0.0 305.0

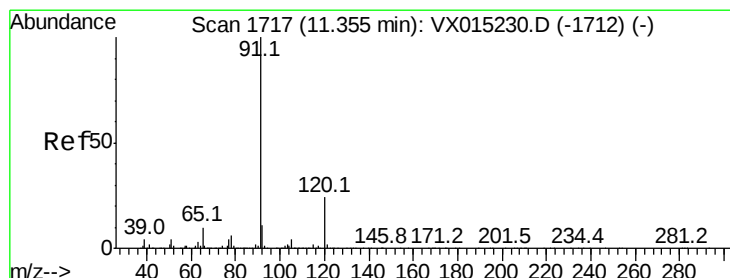
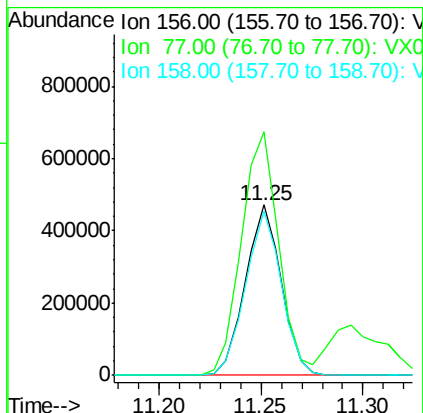
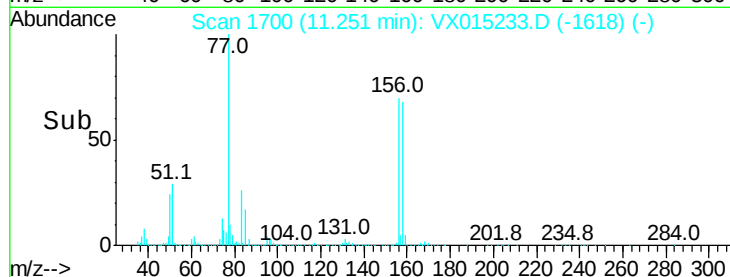
158 97.0 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 173.497 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015233.D

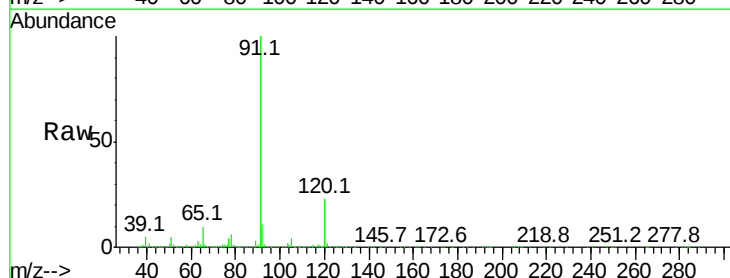
Acq: 12 Mar 2020 13:23

Tgt Ion: 91 Resp: 2519321

Ion Ratio Lower Upper

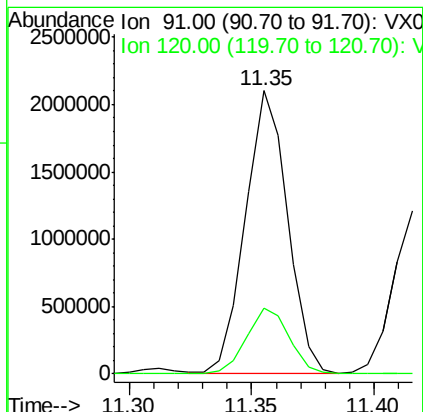
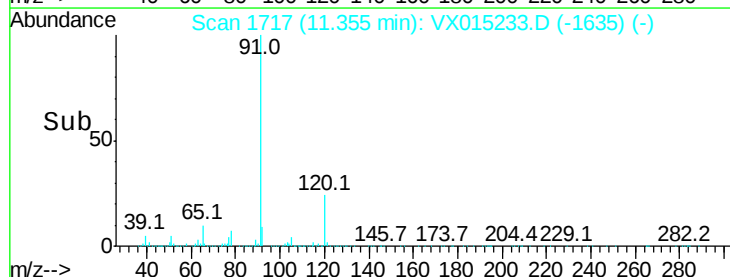
91 100

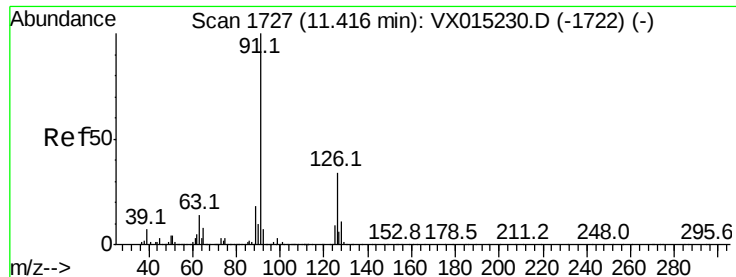
120 23.4 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 170.381 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

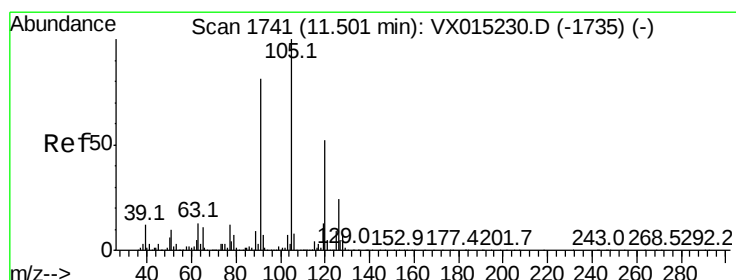
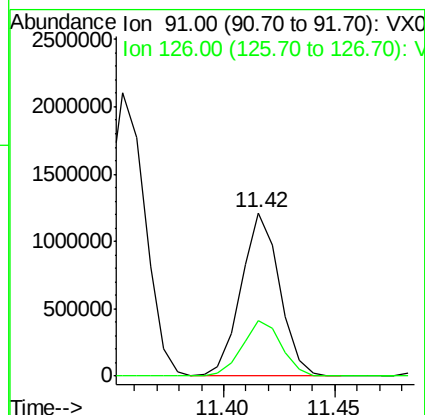
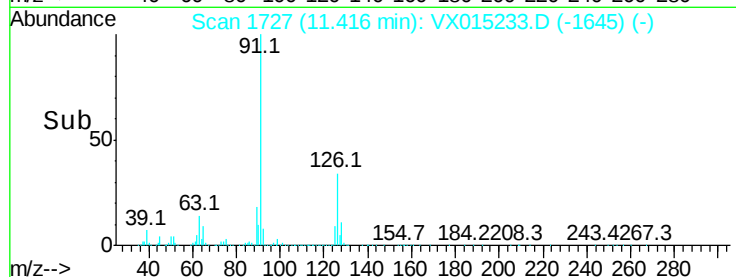
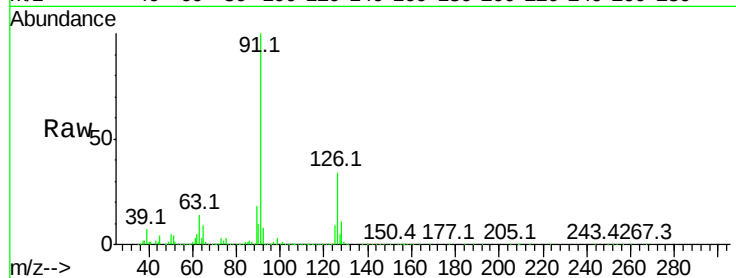
VSTDIC150

Tgt Ion: 91 Resp: 1462053

Ion Ratio Lower Upper

91 100

126 34.7 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 166.916 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015233.D

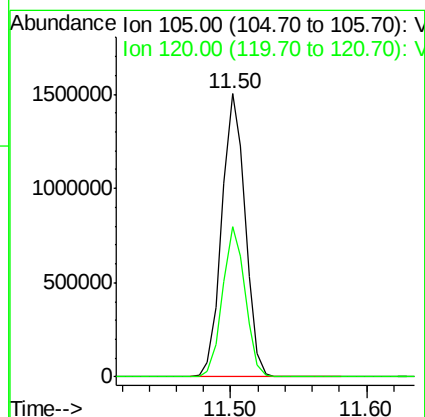
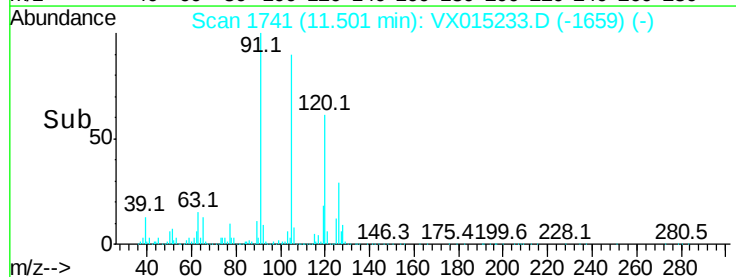
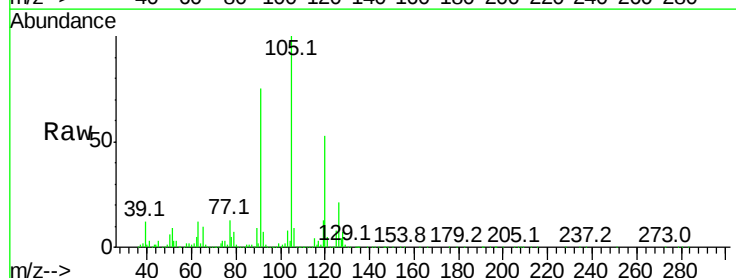
Acq: 12 Mar 2020 13:23

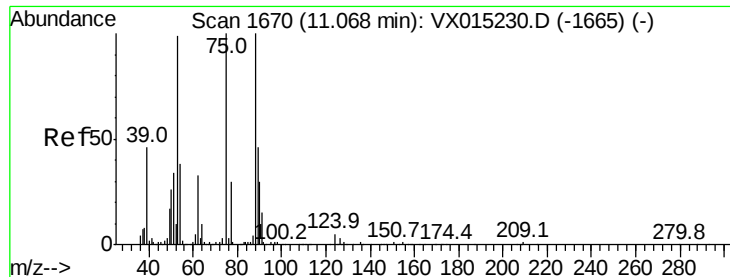
Tgt Ion:105 Resp: 1784723

Ion Ratio Lower Upper

105 100

120 51.5 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 179.192 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

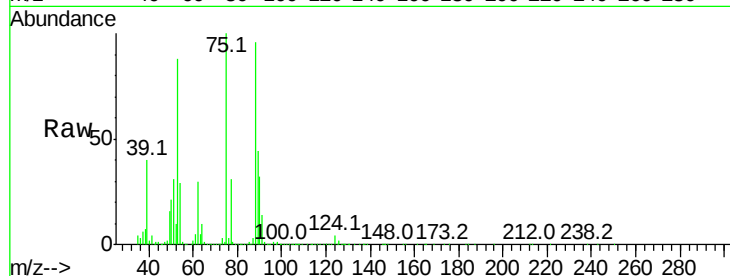
Tgt Ion: 75 Resp: 246206

Ion Ratio Lower Upper

75 100

53 87.9 49.5 148.3

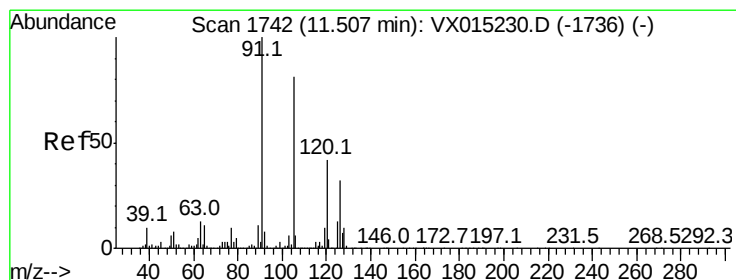
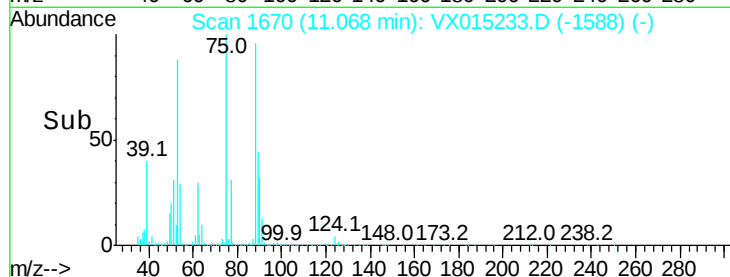
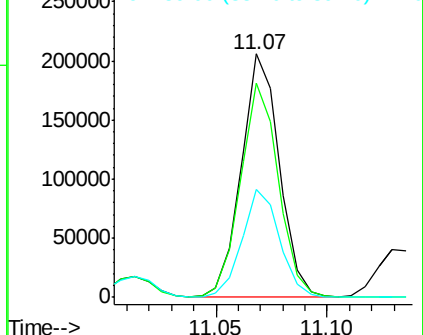
89 44.0 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 169.353 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015233.D

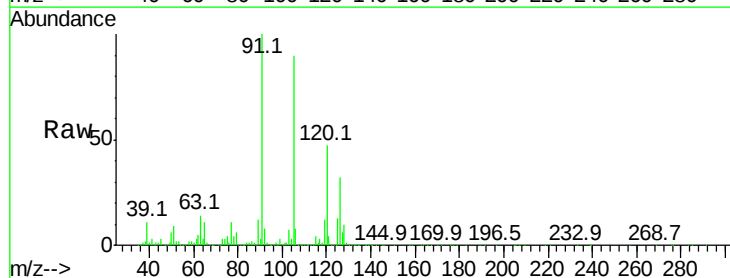
Acq: 12 Mar 2020 13:23

Tgt Ion: 91 Resp: 1680984

Ion Ratio Lower Upper

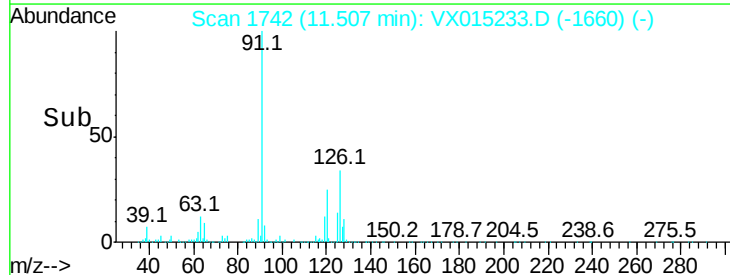
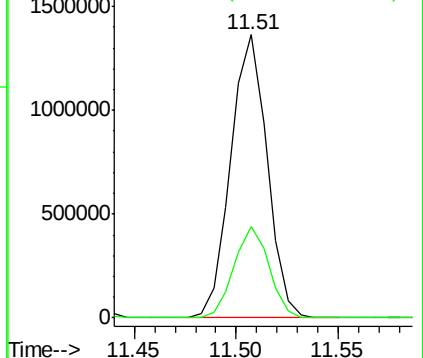
91 100

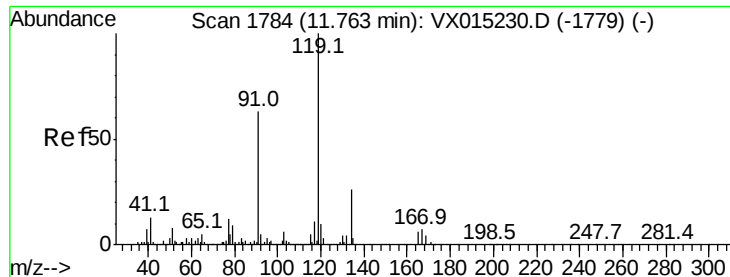
126 31.2 0.0 61.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 167.947 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

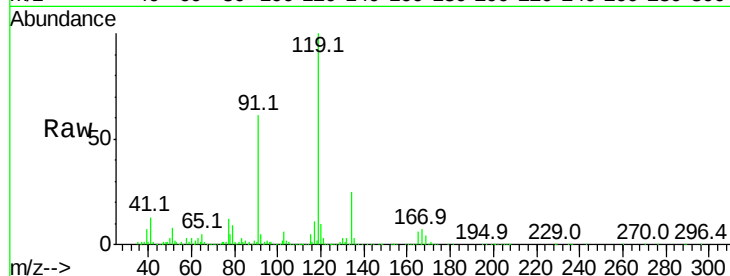
Tgt Ion:119 Resp: 1734922

Ion Ratio Lower Upper

119 100

91 56.2 0.0 115.4

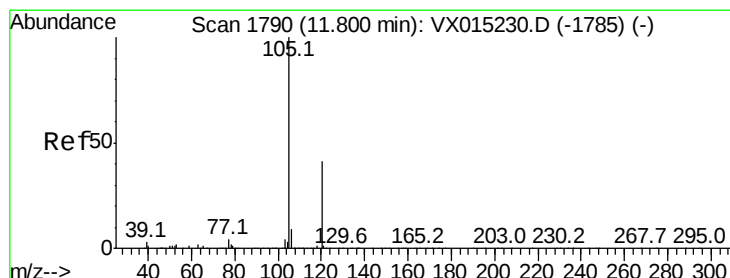
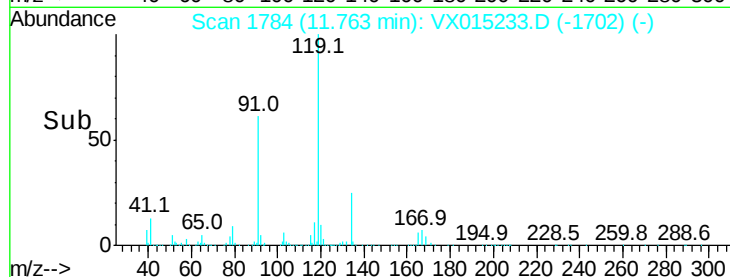
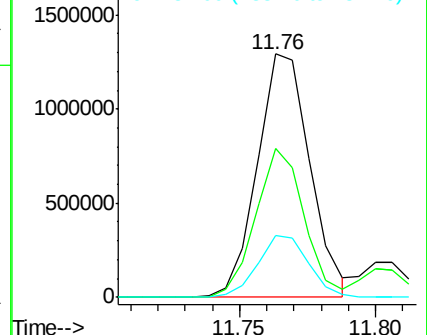
134 24.2 0.0 49.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 173.691 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015233.D

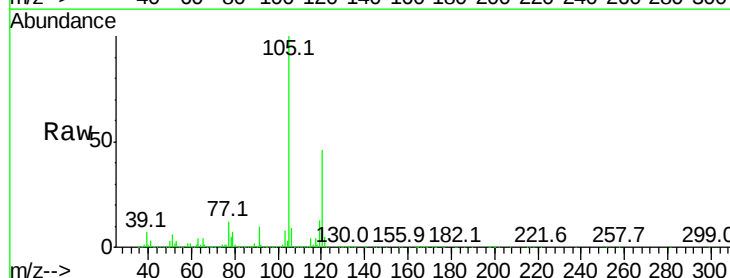
Acq: 12 Mar 2020 13:23

Tgt Ion:105 Resp: 1846353

Ion Ratio Lower Upper

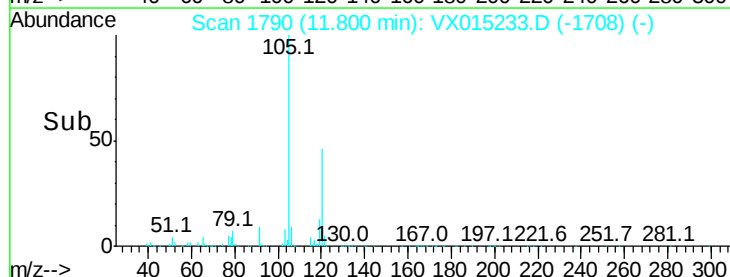
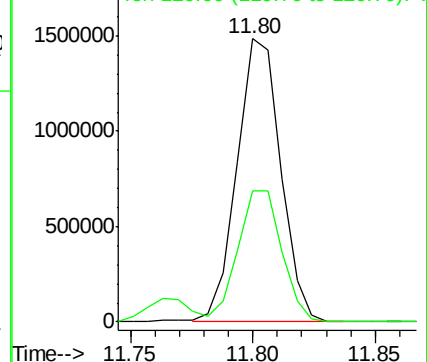
105 100

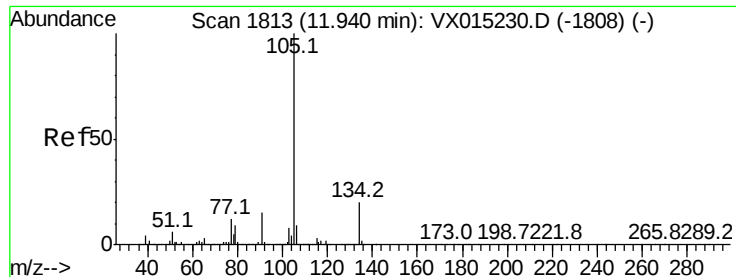
120 46.6 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

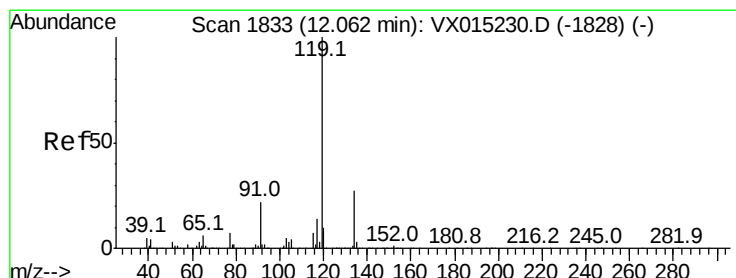
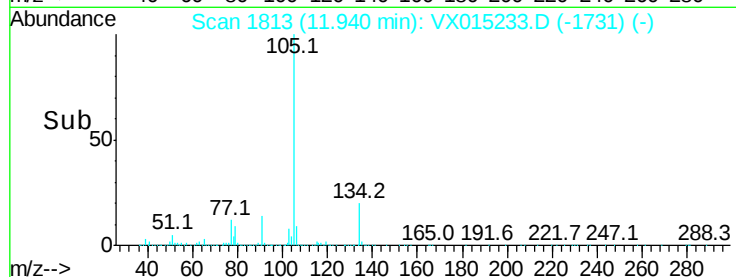
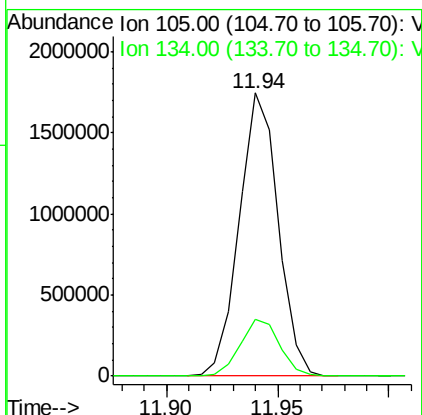
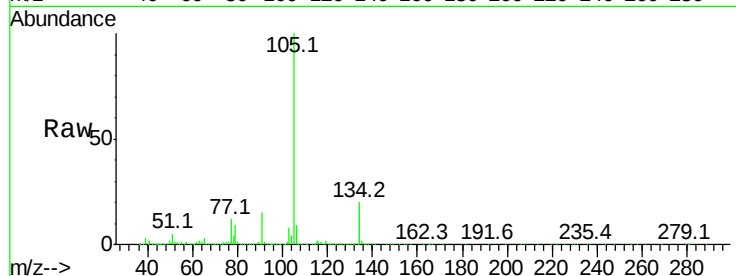




#81
 sec-Butylbenzene
 Concen: 172.447 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

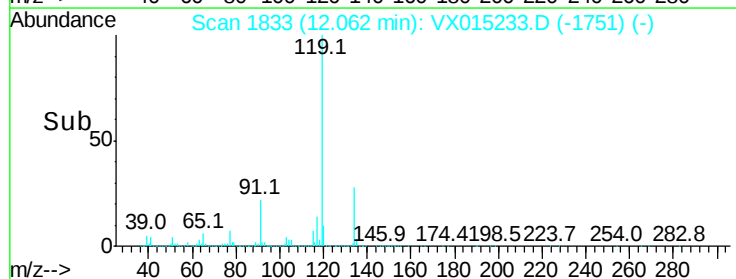
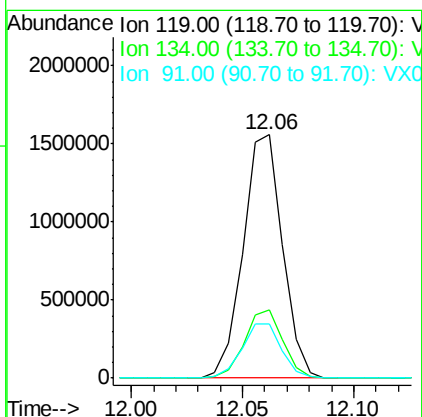
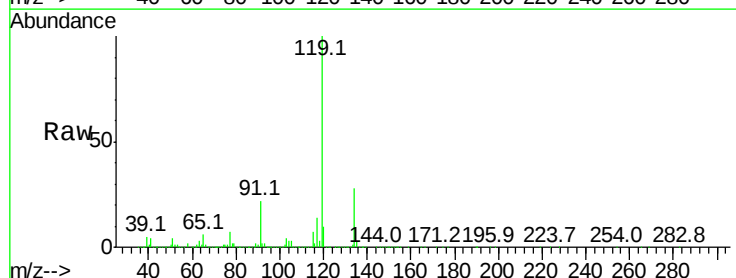
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

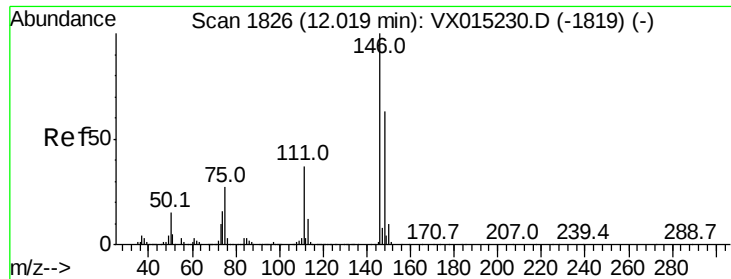
Tgt Ion:105 Resp: 2133346
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 167.087 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion:119 Resp: 1920330
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.6
 91 22.5 0.0 43.6





#83

1,3-Dichlorobenzene

Concen: 170.648 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

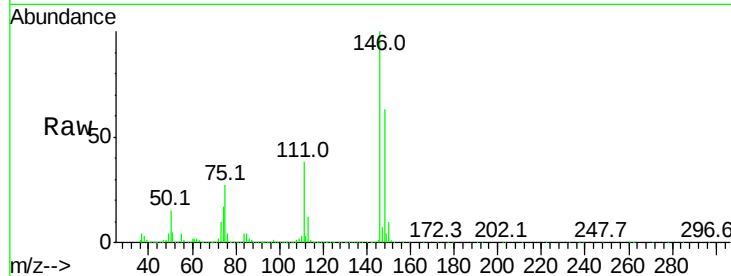
Tgt Ion:146 Resp: 1031263

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

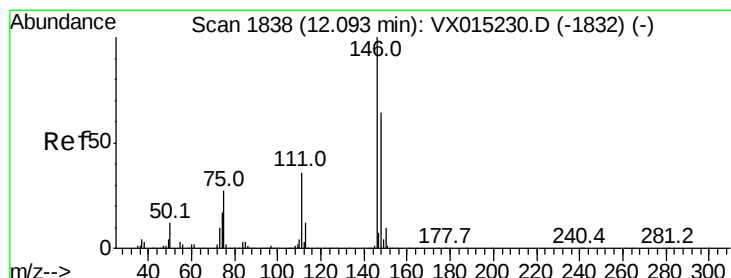
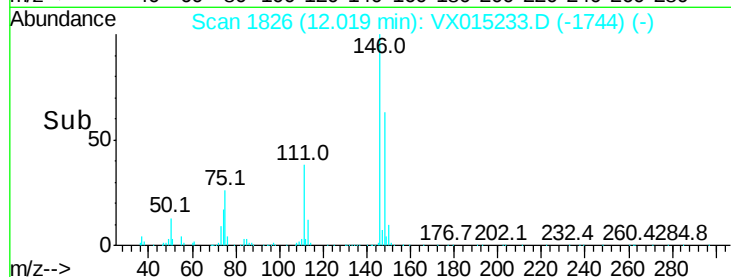
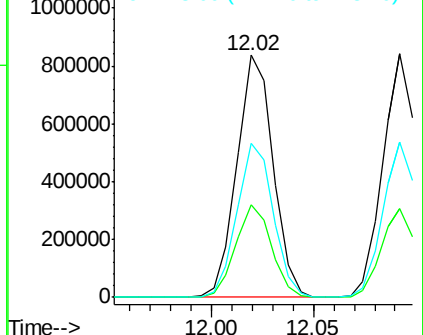
148 63.5 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 163.747 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

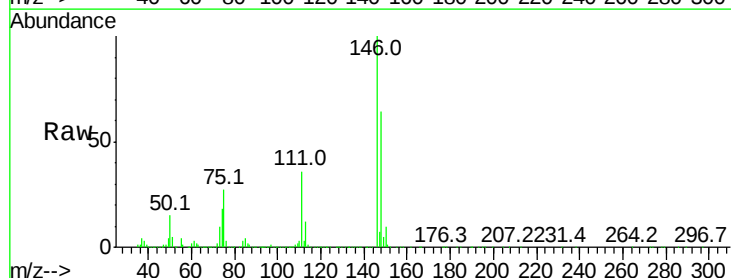
Tgt Ion:146 Resp: 996486

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.0

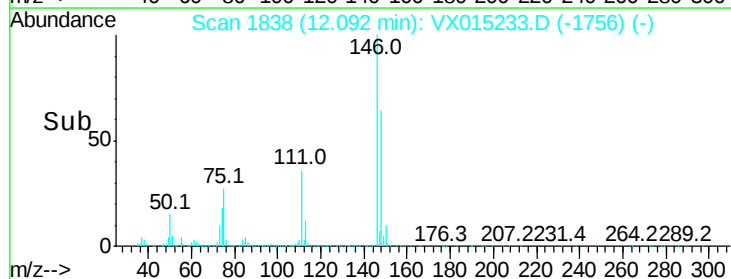
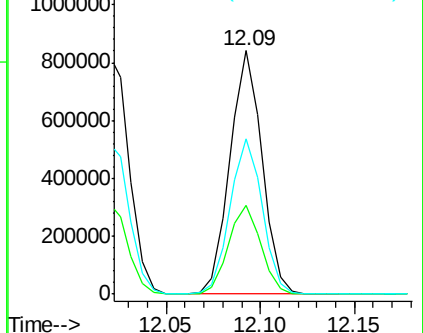
148 64.1 31.9 95.9

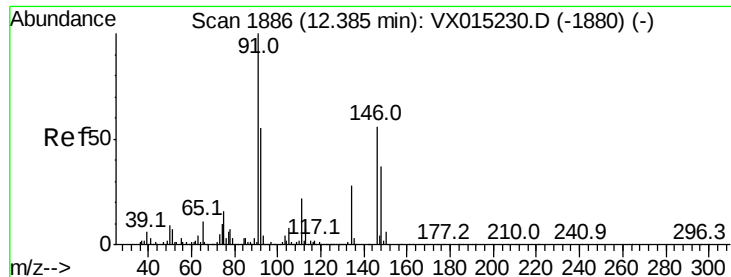


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

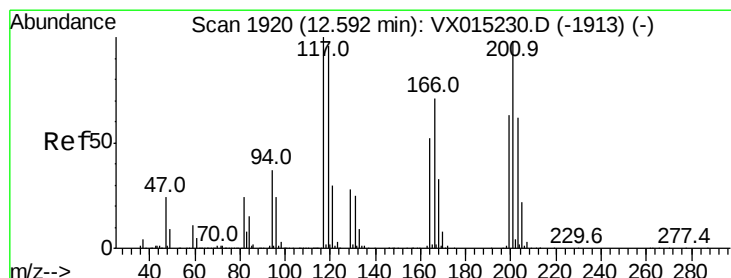
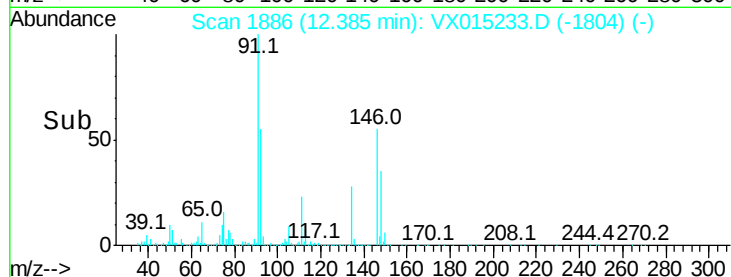
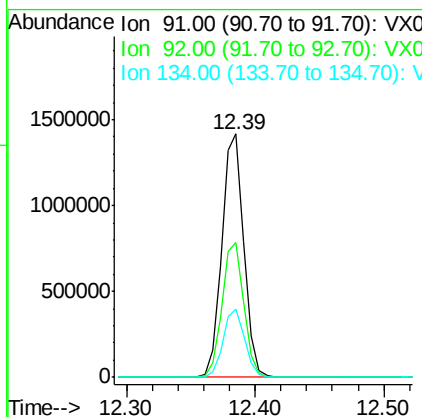
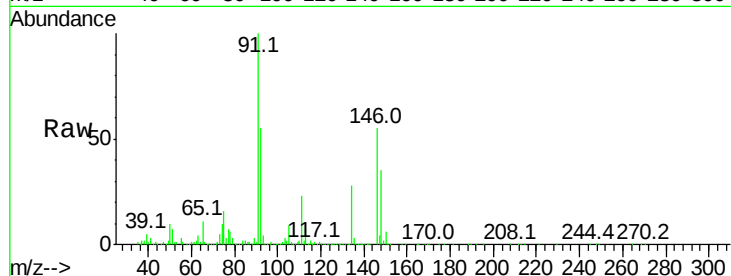




#85
n-Butylbenzene
Concen: 169.721 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

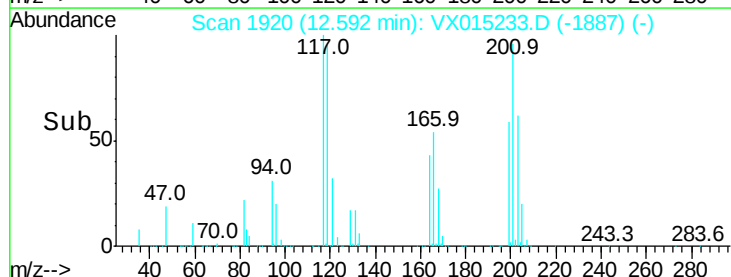
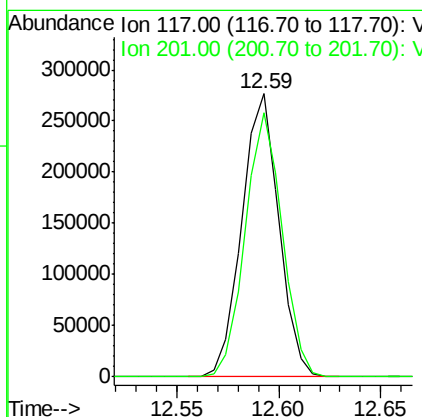
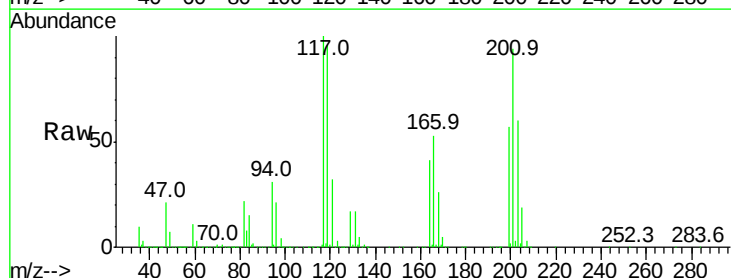
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

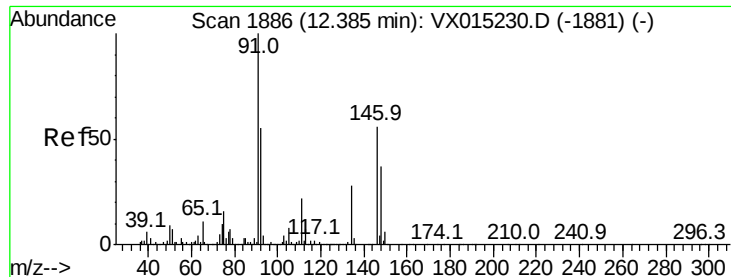
Tgt Ion: 91 Resp: 1697407
Ion Ratio Lower Upper
91 100
92 55.1 0.0 109.4
134 27.5 0.0 53.0



#86
Hexachloroethane
Concen: 167.940 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 117 Resp: 348879
Ion Ratio Lower Upper
117 100
201 93.0 47.8 143.3





#87

1,2-Dichlorobenzene

Concen: 158.041 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

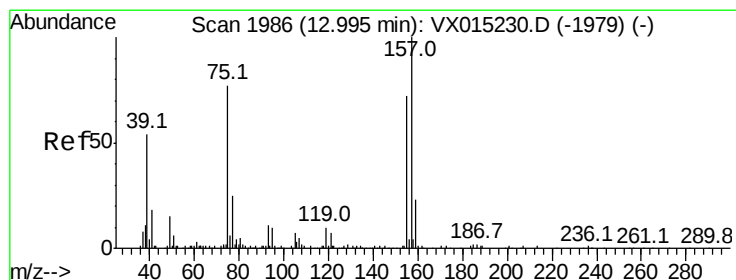
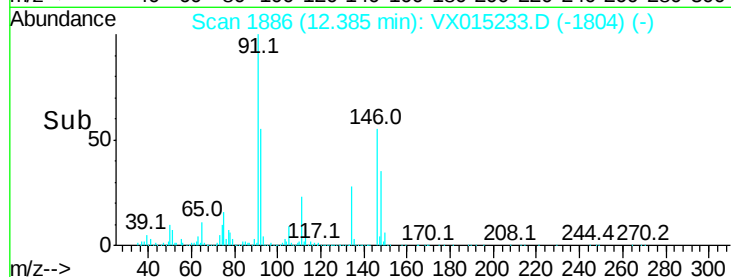
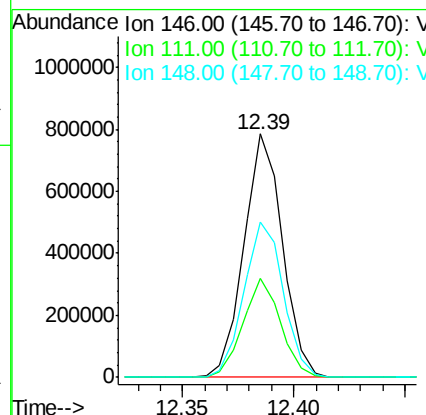
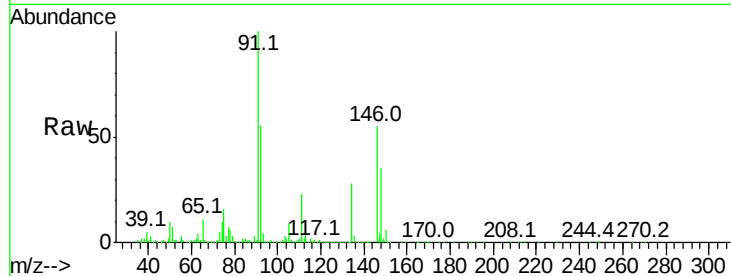
Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 950381

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.4
148	65.0	32.4	97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 158.430 ug/l

RT: 12.99 min Scan# 1986

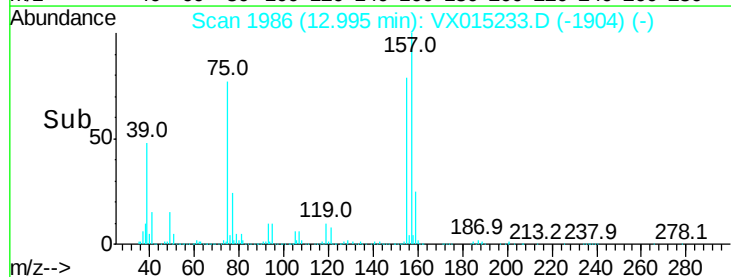
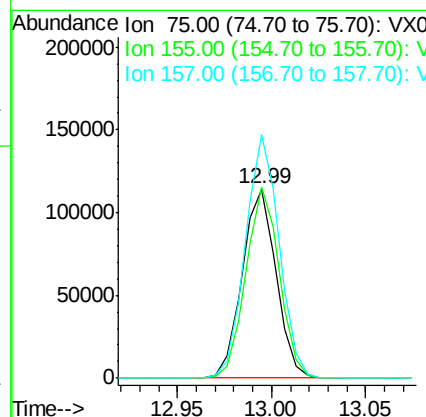
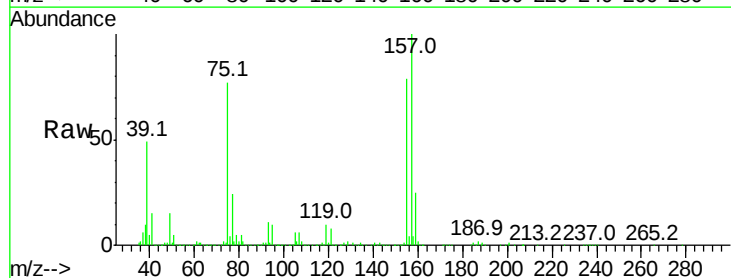
Delta R.T. -0.00 min

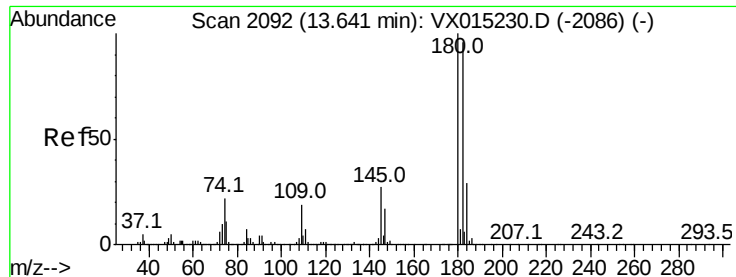
Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion: 75 Resp: 141737

Ion	Ratio	Lower	Upper
75	100		
155	99.9	77.5	116.3
157	128.8	103.0	154.4

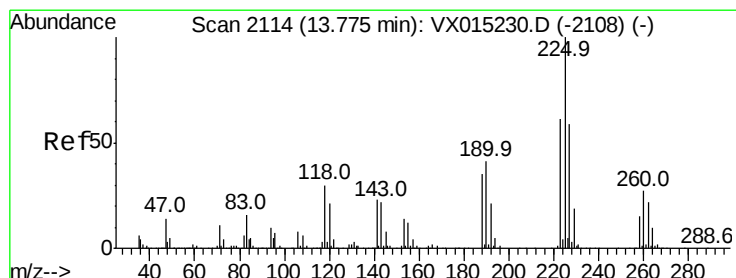
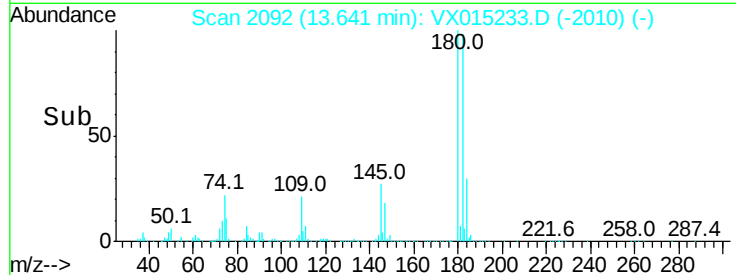
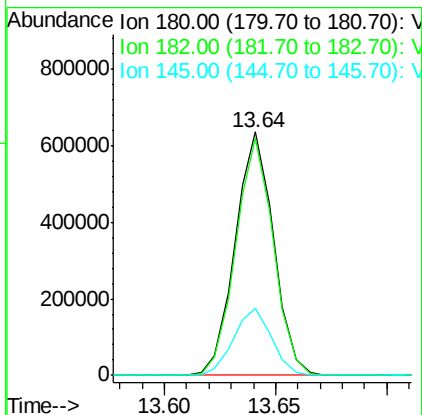
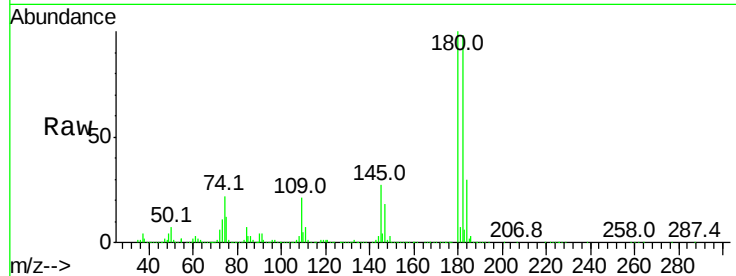




#89
 1,2,4-Trichlorobenzene
 Concen: 175.657 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

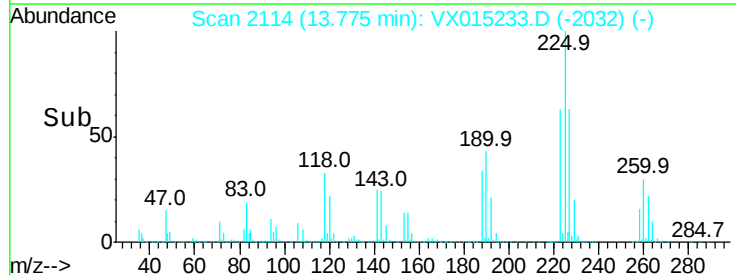
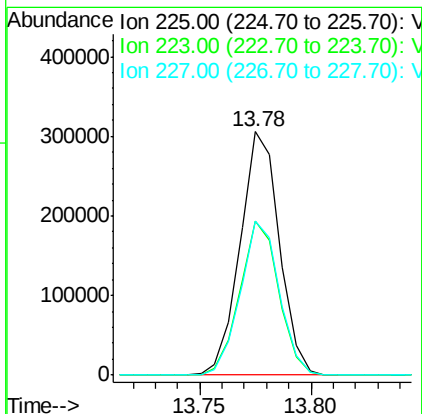
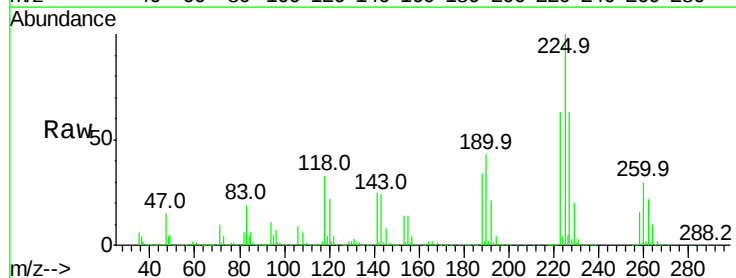
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

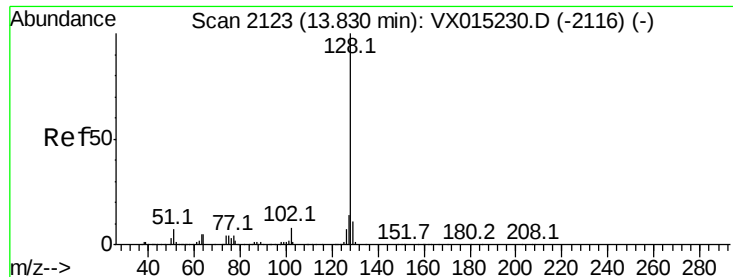
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
145	27.6	22.7	34.1



#90
 Hexachlorobutadiene
 Concen: 174.989 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	125.0
227	63.0	0.0	126.2

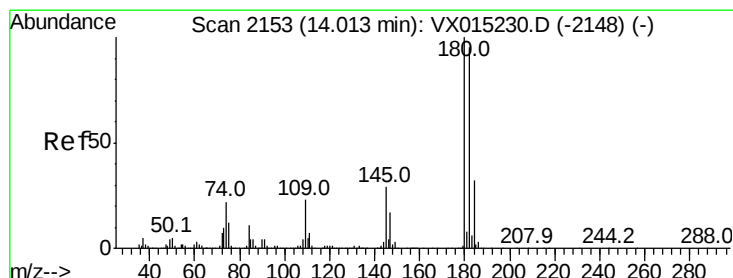
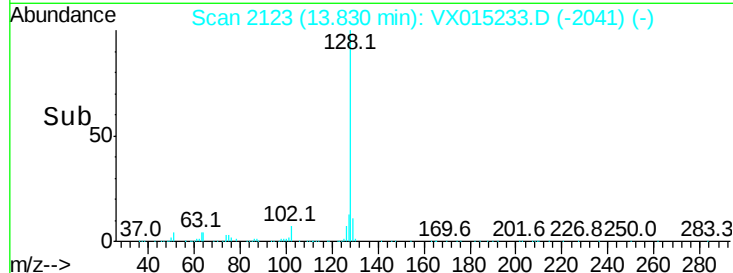
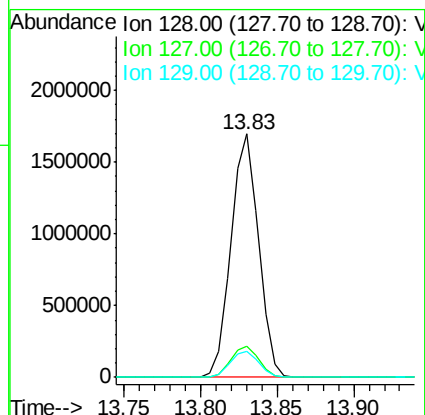
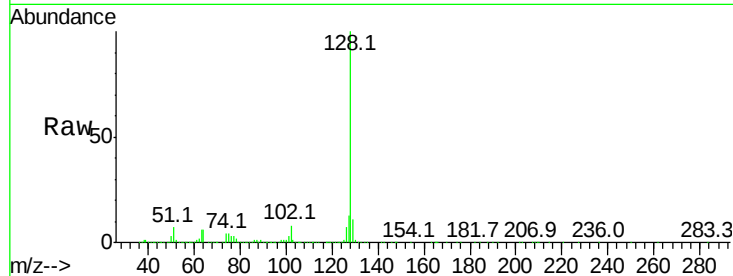




#91
Naphthalene
Concen: 172.603 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2113206
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 172.166 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion:180 Resp: 739193
Ion Ratio Lower Upper
180 100
182 96.1 0.0 192.0
145 29.4 0.0 60.0

