

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015463.D
 Acq On : 01 Apr 2020 13:24
 Operator : JC/SP
 Sample : VX0401WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

Quant Time: Apr 02 09:44:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	185536	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1036903	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	930248	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	464150	32.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.70%
60) 4-Bromofluorobenzene	11.12	95	490199	30.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.63%
63) Toluene-d8	8.70	98	1215497	30.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	162005	18.285	ug/l 100
3) Chloromethane	1.31	50	190904	17.458	ug/l 100
4) Vinyl Chloride	1.39	62	197595	18.784	ug/l 99
5) Bromomethane	1.64	94	119278	21.299	ug/l 97
6) Chloroethane	1.72	64	126159	19.223	ug/l 99
7) Trichlorofluoromethane	1.92	101	295342	19.646	ug/l 99
8) Diethyl Ether	2.17	74	116133	20.078	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	197776	19.885	ug/l 97
10) 1,1-Dichloroethene	2.36	96	196068	19.408	ug/l 91
11) Methyl Iodide	2.49	142	221893	16.528	ug/l 96
12) Methyl Acetate	2.75	43	306664	20.745	ug/l 97
13) Acrolein	2.28	56	203232	105.681	ug/l 95
14) Acrylonitrile	3.12	53	655133	103.517	ug/l 99
15) Acetone	2.43	58	177305	110.177	ug/l 99
16) Carbon Disulfide	2.55	76	571916	19.365	ug/l 99
17) Allyl chloride	2.71	41	450006	19.729	ug/l 96
18) Methylene Chloride	2.83	84	227178	20.029	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	212464	19.441	ug/l 92
20) Diisopropyl ether	3.83	45	840154	20.537	ug/l 93
21) 1,1-Dichloroethane	3.67	63	417587	19.997	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	245283	19.483	ug/l 98
23) tert-Butyl Alcohol	3.03	59	338721	108.809	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	771209	20.561	ug/l 100
25) Chloroform	5.18	83	410909	19.907	ug/l 99
26) Cyclohexane	5.55	56	384163	19.254	ug/l 100
29) 1,1-Dichloropropene	5.76	75	307444	19.735	ug/l 98
30) 2-Butanone	4.64	43	973373	104.230	ug/l 98
31) 2,2-Dichloropropane	4.55	77	370737	19.776	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	368898	19.408	ug/l 98
33) Carbon Tetrachloride	5.75	117	335399	19.364	ug/l 94
34) Benzene	6.11	78	887525	19.767	ug/l 99
35) Methacrylonitrile	5.01	41	220716	20.842	ug/l 98
36) 1,2-Dichloroethane	6.17	62	368087	21.216	ug/l 99
37) Trichloroethene	7.19	130	244192	19.315	ug/l 94
38) Methylcyclohexane	7.44	83	374501	19.610	ug/l 98
39) 1,2-Dichloropropane	7.49	63	244608	20.283	ug/l 96
40) Dibromomethane	7.64	93	161586	20.130	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	338991	19.432	ug/l	97
42) Vinyl Acetate	3.78	43	3817201	107.877	ug/l	99
43) Ethyl Acetate	4.80	43	381237	18.767	ug/l	97
44) Isopropyl Acetate	6.41	43	651296	19.922	ug/l	99
45) 1,4-Dioxane	7.73	88	123931	411.502	ug/l	96
46) Methyl methacrylate	7.75	41	322212	19.751	ug/l	98
47) n-amyl Acetate	10.88	43	551510	19.565	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	392112	19.470	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	414011	19.917	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	234132	20.325	ug/l	97
51) Ethyl methacrylate	9.16	69	388212	19.595	ug/l	100
52) 1,3-Dichloropropane	9.36	76	402971	20.253	ug/l	98
53) Dibromochloromethane	9.56	129	269653	18.989	ug/l	100
54) 1,2-Dibromoethane	9.65	107	244666	19.794	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	981394	104.879	ug/l	99
56) Bromoform	10.84	173	202329	17.328	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1912377	107.414	ug/l	99
59) 2-Hexanone	9.47	43	1431478	105.687	ug/l	100
61) Tetrachloroethene	9.32	164	235324	19.681	ug/l	99
62) Toluene	8.76	91	947718	20.114	ug/l	100
64) Chlorobenzene	10.12	112	607299	20.047	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	240212	19.405	ug/l	99
66) Ethyl Benzene	10.24	91	1080736	20.078	ug/l	97
67) m/p-Xylenes	10.34	106	815456	40.026	ug/l	99
68) o-Xylene	10.68	106	391239	19.647	ug/l	99
69) Styrene	10.70	104	688879	19.856	ug/l	99
70) Isopropylbenzene	11.00	105	1073676	20.338	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	349160	20.406	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	334755m	20.909	ug/l	
73) Bromobenzene	11.24	156	269362	19.008	ug/l	97
74) n-propylbenzene	11.35	91	1252542	20.686	ug/l	100
75) 2-Chlorotoluene	11.40	91	742908	20.173	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	918541	20.261	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	129039	18.703	ug/l	96
78) 4-Chlorotoluene	11.49	91	873870	20.511	ug/l	100
79) tert-butylbenzene	11.76	119	879801	19.417	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	919291	20.017	ug/l	100
81) sec-Butylbenzene	11.93	105	1051690	20.234	ug/l	98
82) p-Isopropyltoluene	12.05	119	966301	19.725	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	491182	19.276	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	490798	19.301	ug/l	99
85) n-Butylbenzene	12.37	91	884940	20.267	ug/l	99
86) Hexachloroethane	12.58	117	181516	19.171	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	484245	19.479	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87058	19.317	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	361407	18.047	ug/l	99
90) Hexachlorobutadiene	13.77	225	172071	16.311	ug/l	99
91) Naphthalene	13.82	128	1143916	19.726	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	361132	18.153	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

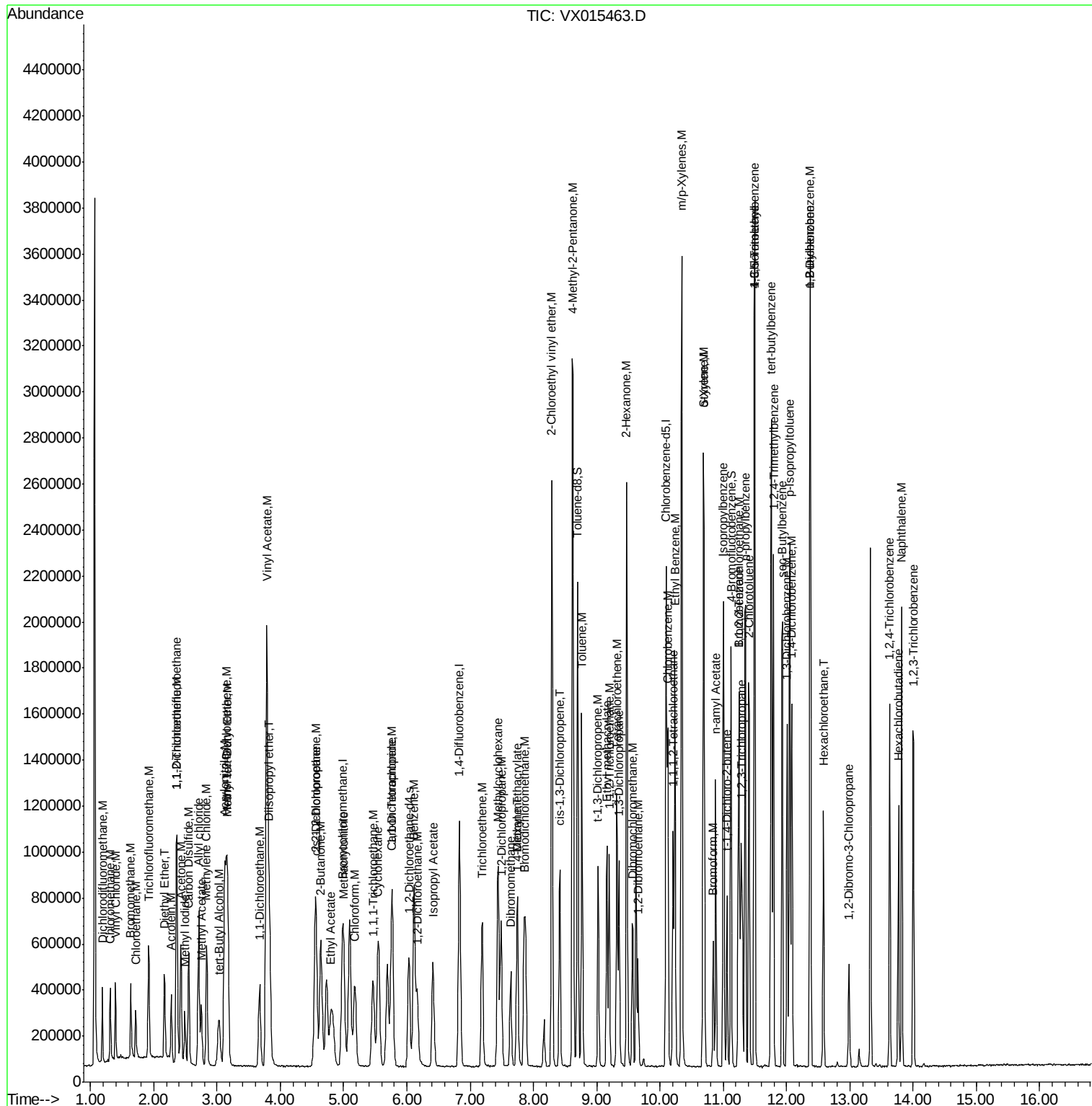
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

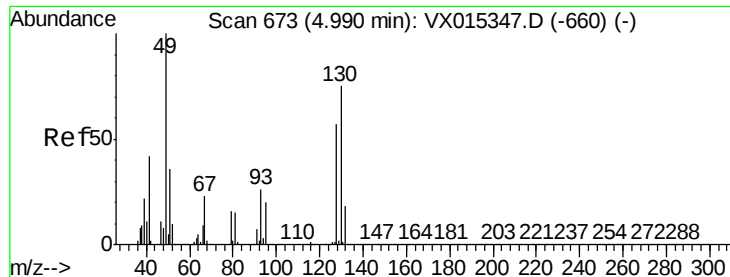
Quant Time: Apr 02 09:44:31 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Apr 02 09:44:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

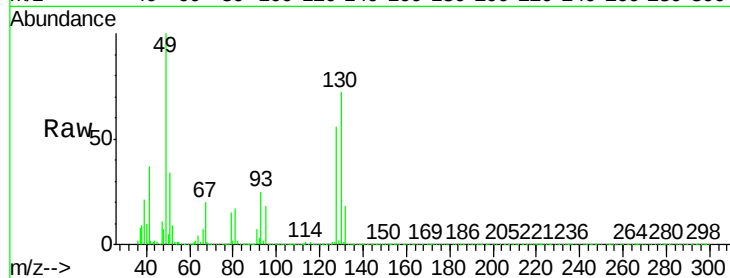
Tot Ion:128 Resp: 185536

Ion Ratio Lower Upper

128 100

49 183.7 0.0 428.0

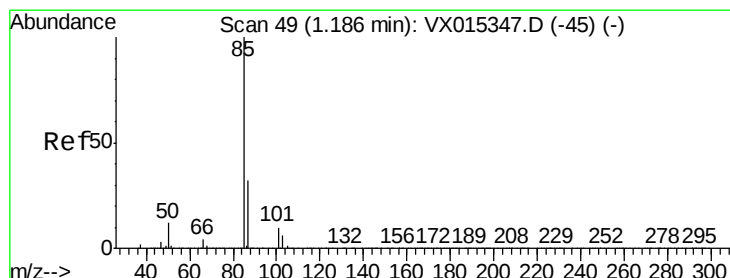
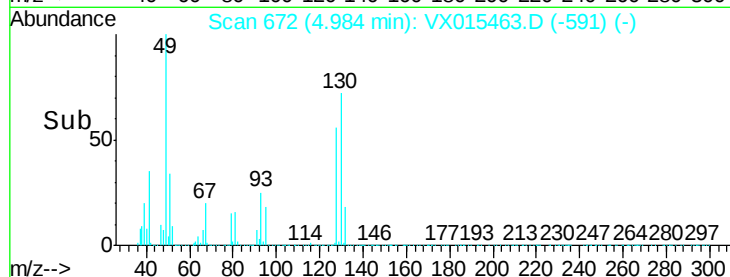
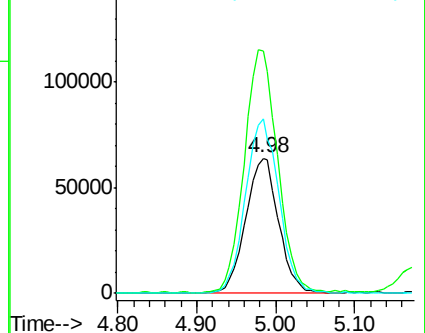
130 130.1 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.285 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015463.D

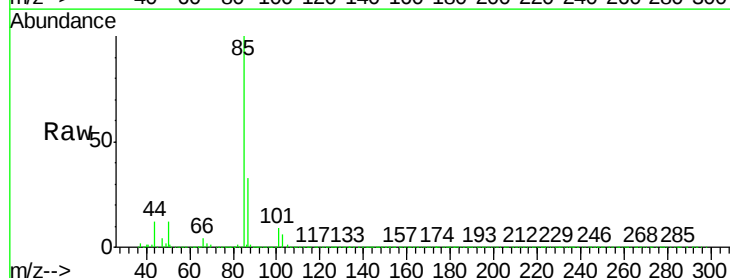
Acq: 01 Apr 2020 13:24

Tgt Ion: 85 Resp: 162005

Ion Ratio Lower Upper

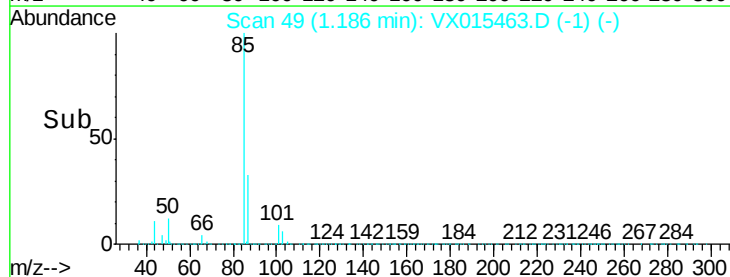
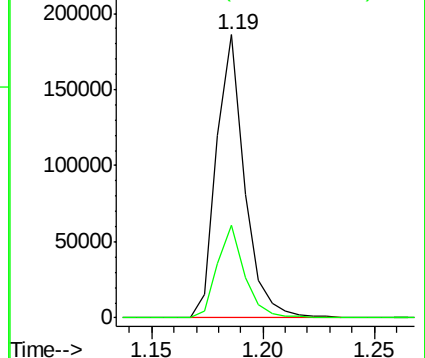
85 100

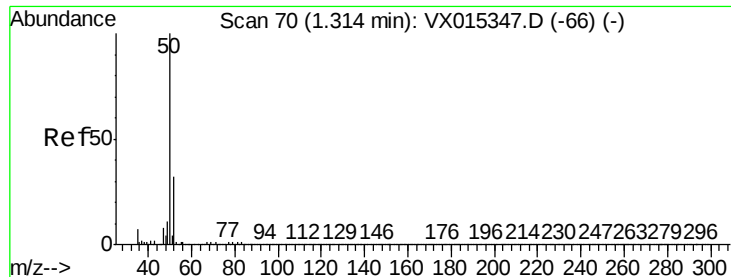
87 32.6 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.458 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

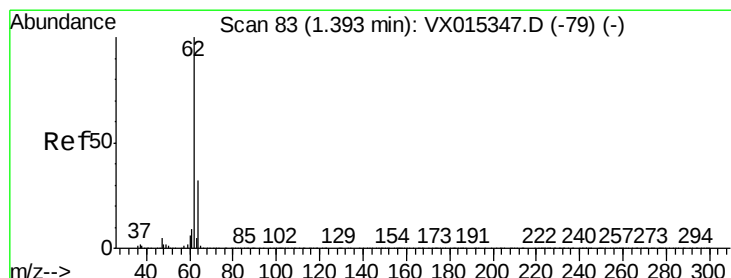
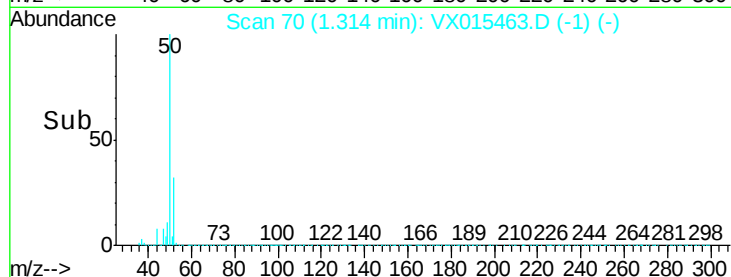
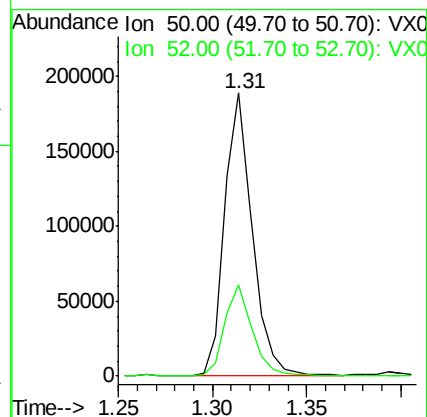
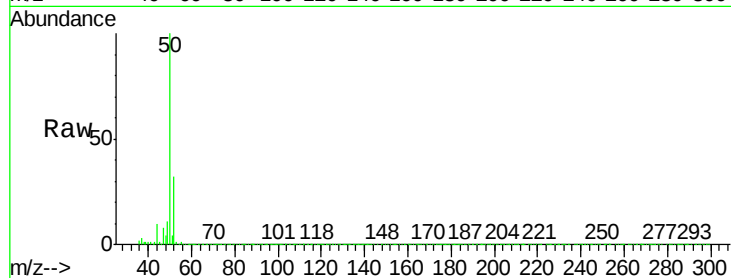
VX0401WBSD01

Tot Ion: 50 Resp: 190904

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 18.784 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015463.D

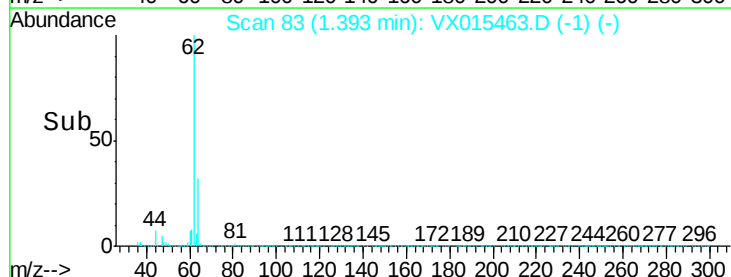
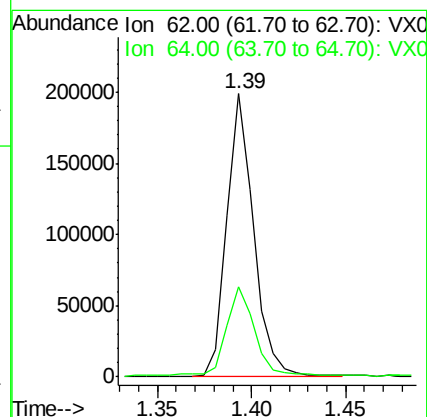
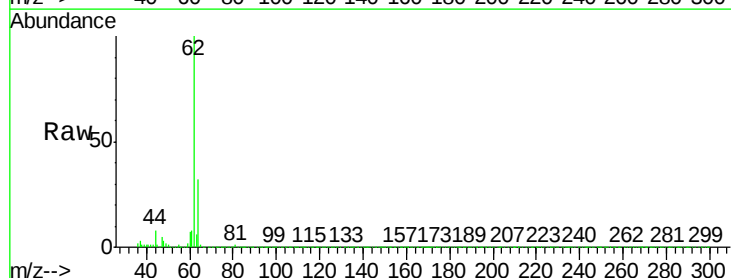
Acq: 01 Apr 2020 13:24

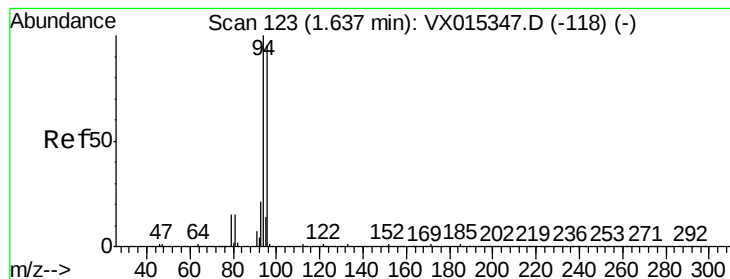
Tgt Ion: 62 Resp: 197595

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 21.299 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

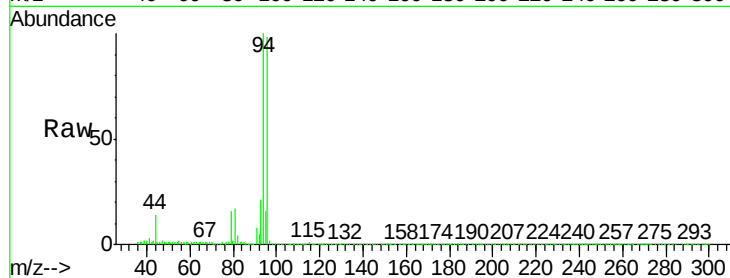
VX0401WBSD01

Tot Ion: 94 Resp: 119278

Ion Ratio Lower Upper

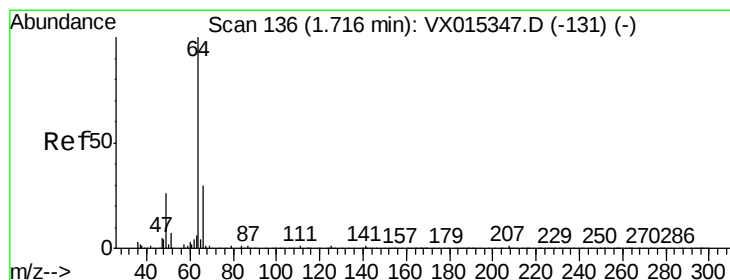
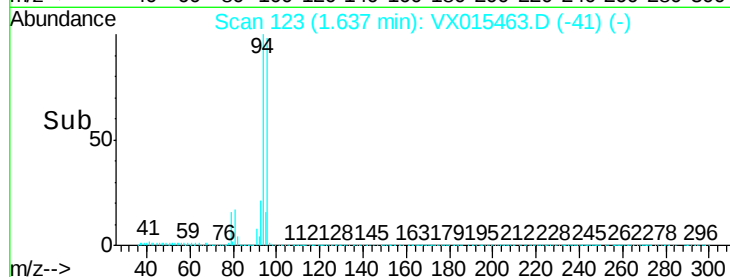
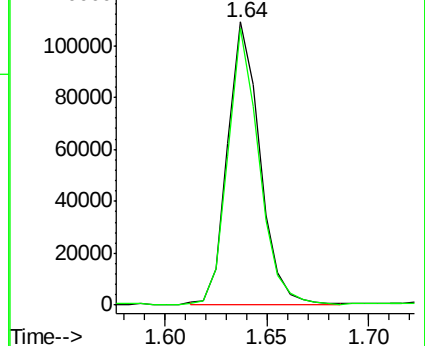
94 100

96 97.9 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.223 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015463.D

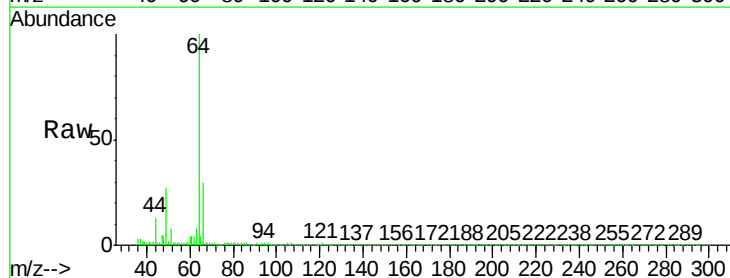
Acq: 01 Apr 2020 13:24

Tgt Ion: 64 Resp: 126159

Ion Ratio Lower Upper

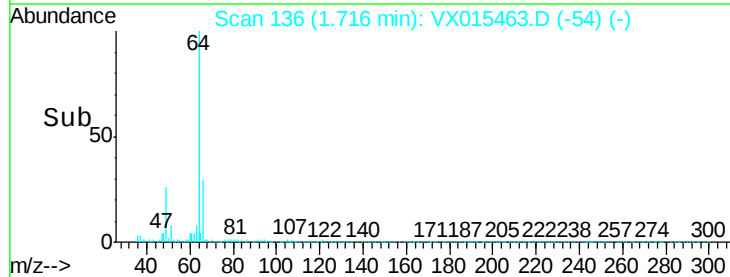
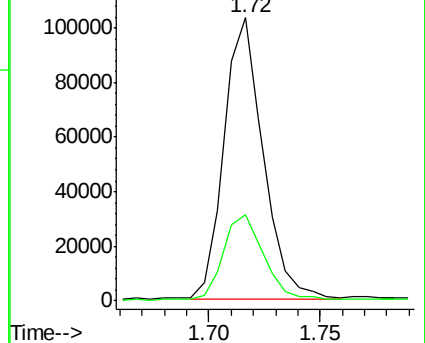
64 100

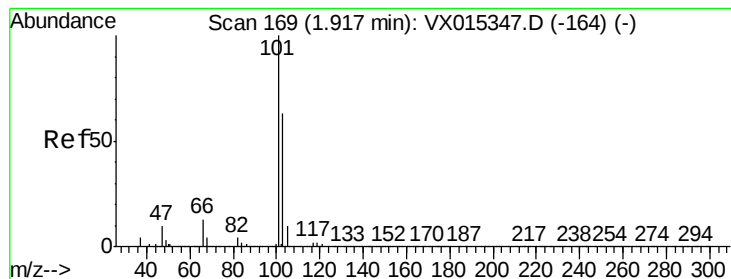
66 29.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



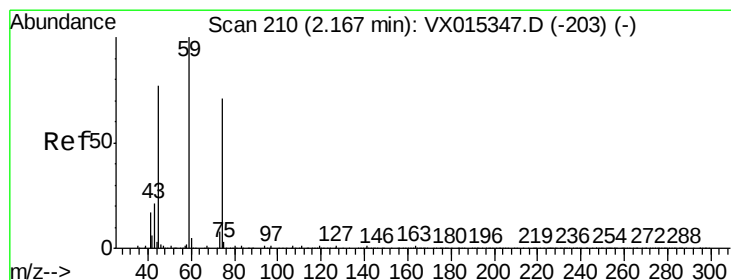
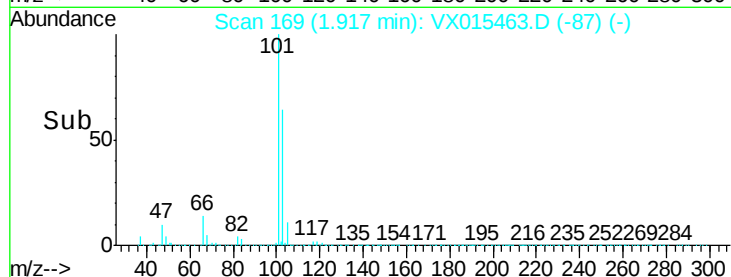
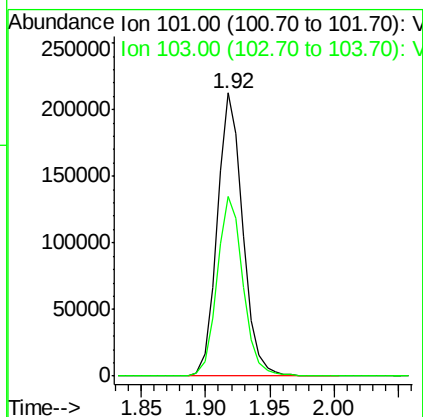
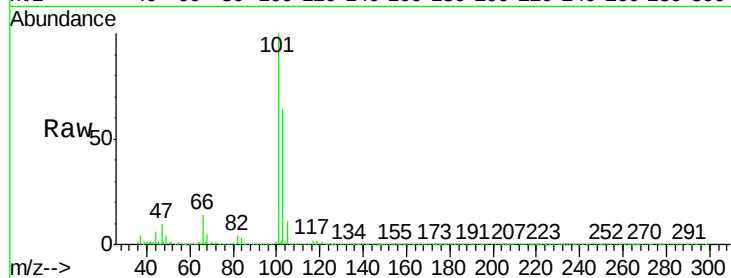


#7

Trichlorofluoromethane
Concen: 19.646 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Instrument :
MSVOA_X
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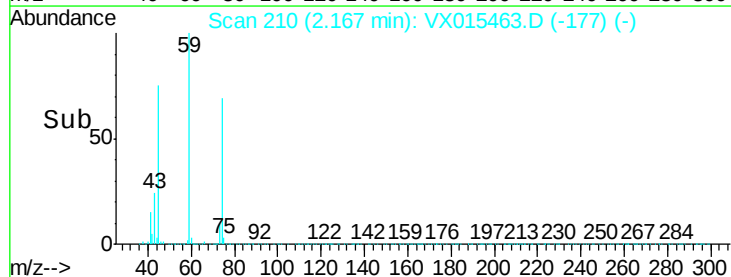
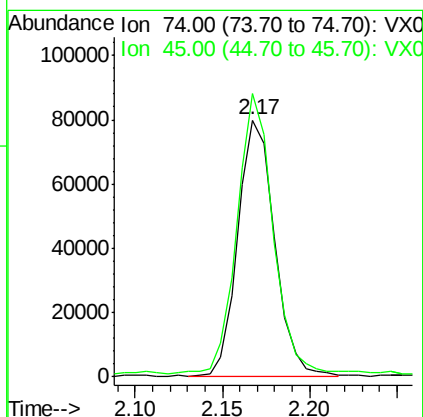
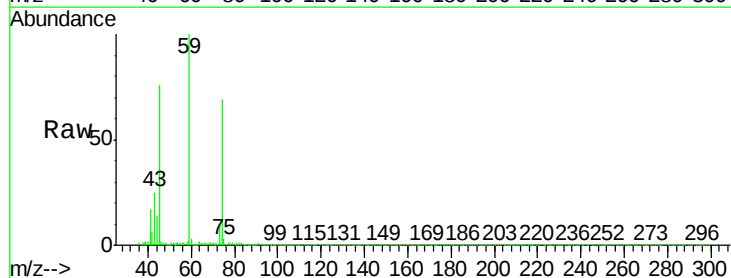
Tot Ion:101 Resp: 295342
Ion Ratio Lower Upper
101 100
103 63.5 49.9 74.9

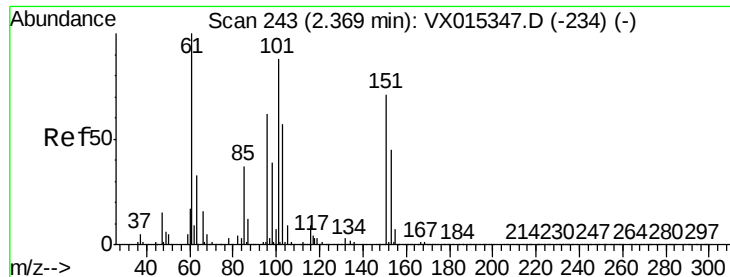


#8

Diethyl Ether
Concen: 20.078 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 74 Resp: 116133
Ion Ratio Lower Upper
74 100
45 107.3 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.885 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

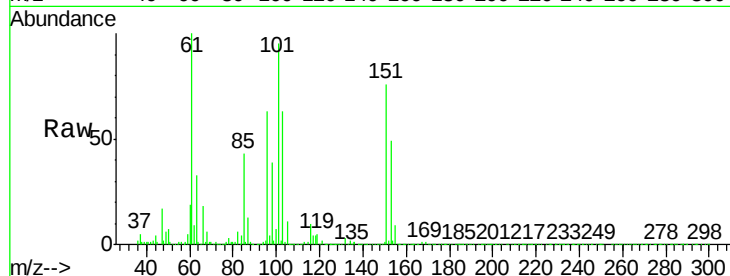
Tot Ion:101 Resp: 197776

Ion Ratio Lower Upper

101 100

85 44.6 0.0 85.8

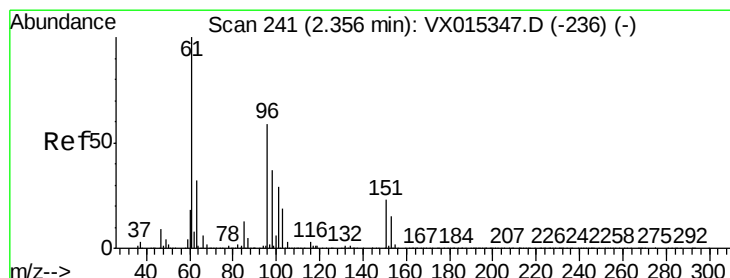
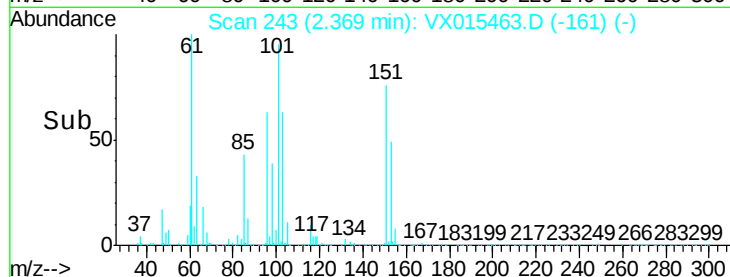
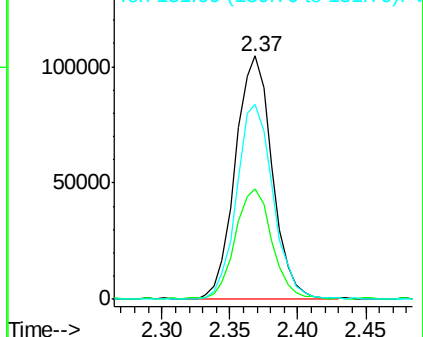
151 79.5 0.0 164.6



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: 19.408 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

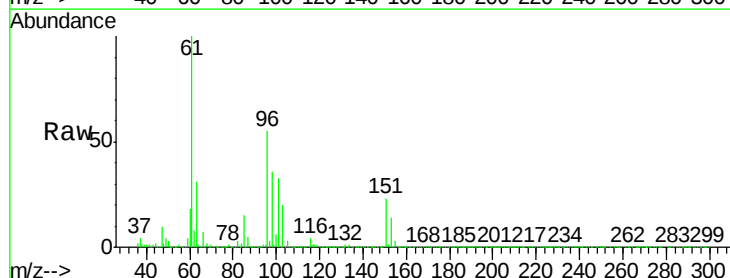
Tgt Ion: 96 Resp: 196068

Ion Ratio Lower Upper

96 100

61 183.4 135.5 203.3

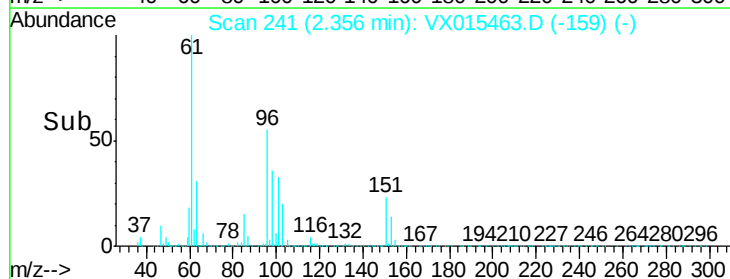
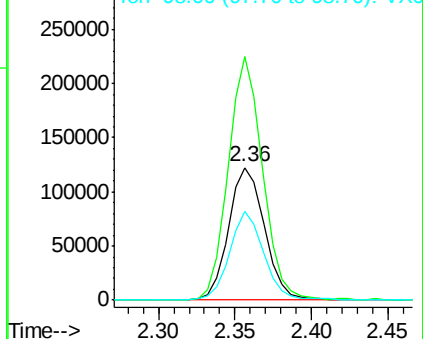
98 66.5 50.2 75.2

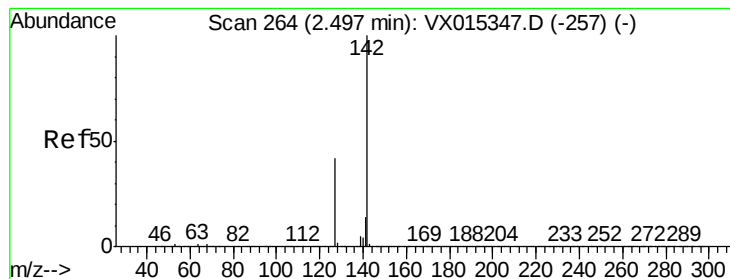


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 16.528 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampled :

VX0401WBSD01

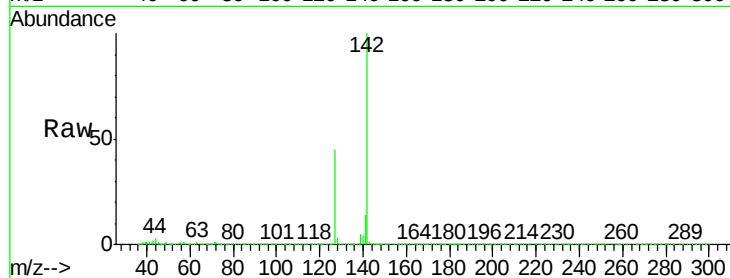
Tot Ion:142 Resp: 221893

Ion Ratio Lower Upper

142 100

127 44.9 21.0 63.0

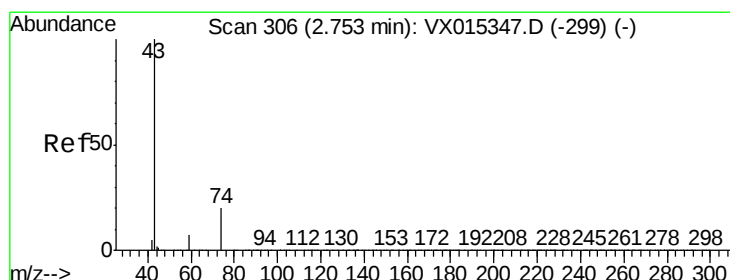
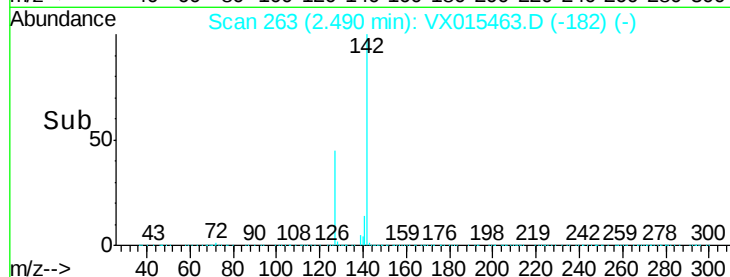
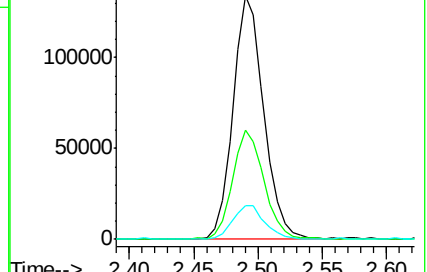
141 13.5 6.9 20.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 20.745 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015463.D

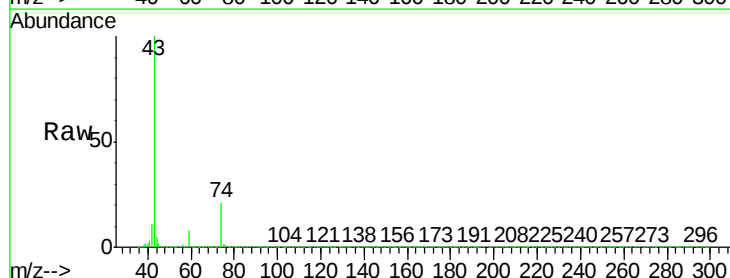
Acq: 01 Apr 2020 13:24

Tgt Ion: 43 Resp: 306664

Ion Ratio Lower Upper

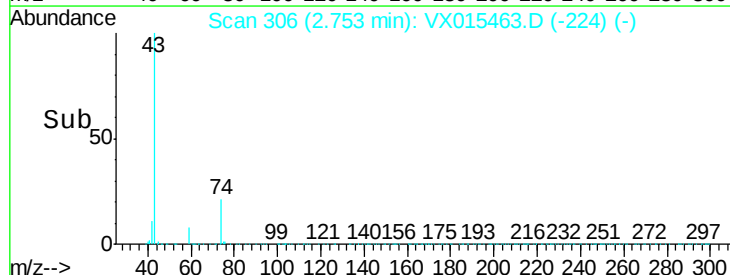
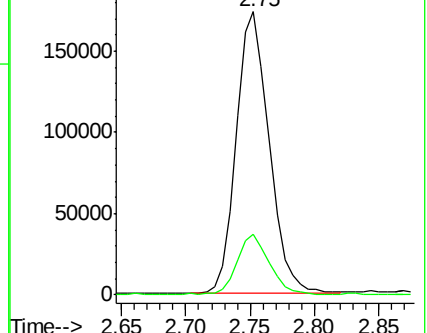
43 100

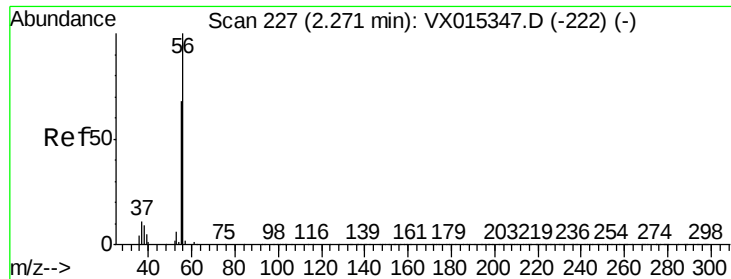
74 21.1 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 105.681 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

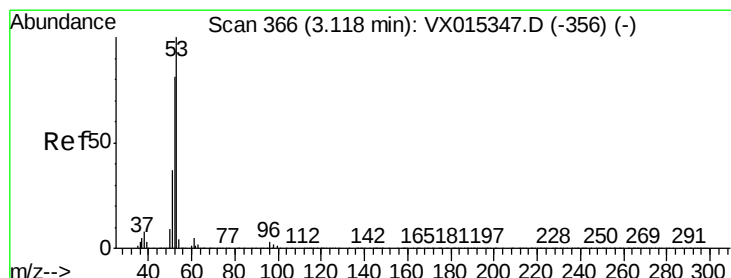
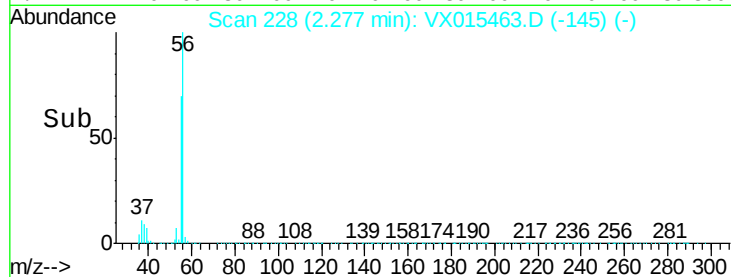
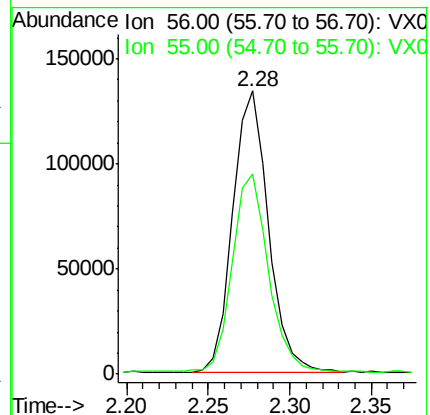
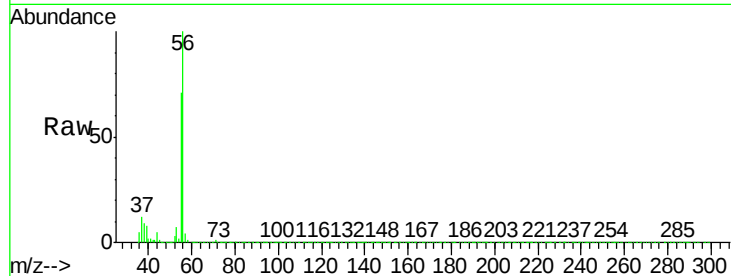
VX0401WBSD01

Tot Ion: 56 Resp: 203232

Ion Ratio Lower Upper

56 100

55 71.0 53.5 80.3



#14

Acrylonitrile

Concen: 103.517 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

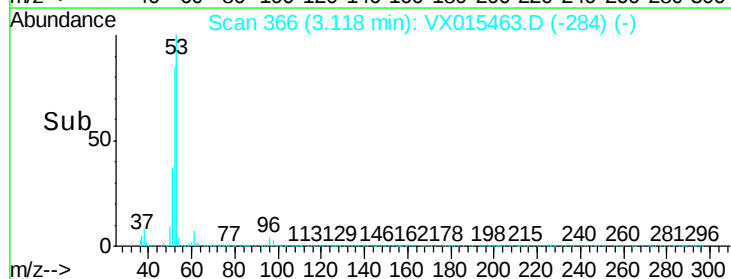
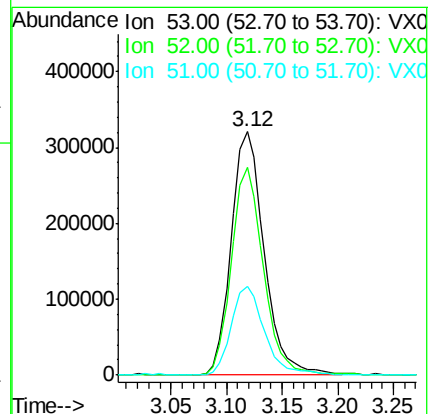
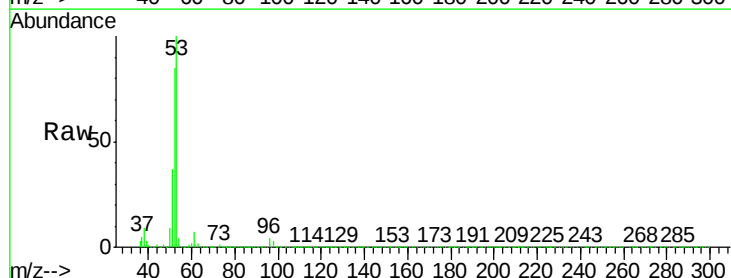
Tgt Ion: 53 Resp: 655133

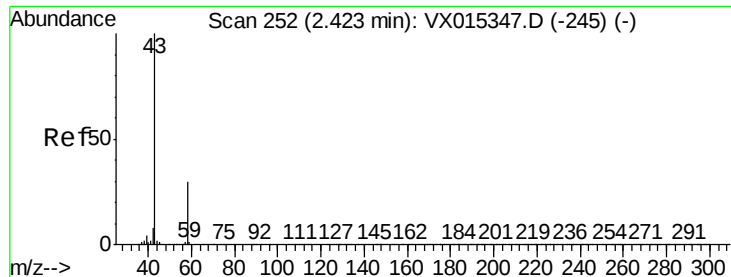
Ion Ratio Lower Upper

53 100

52 83.0 41.0 123.2

51 36.8 18.4 55.4





#15

Acetone

Concen: 110.177 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

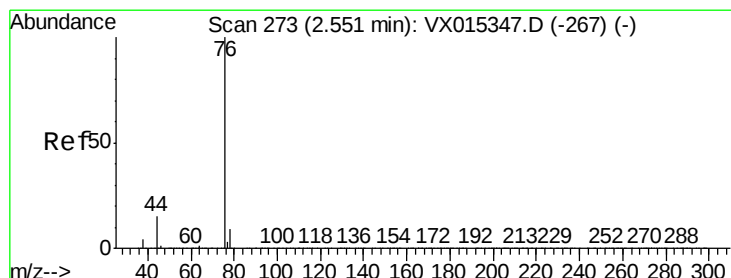
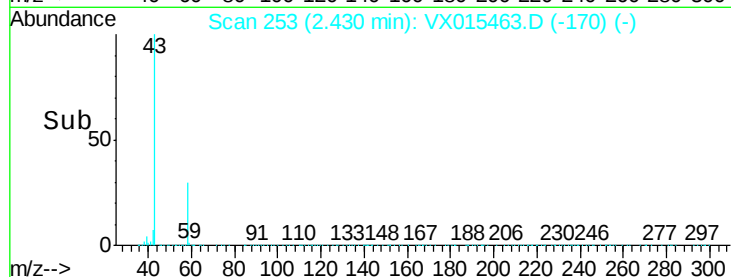
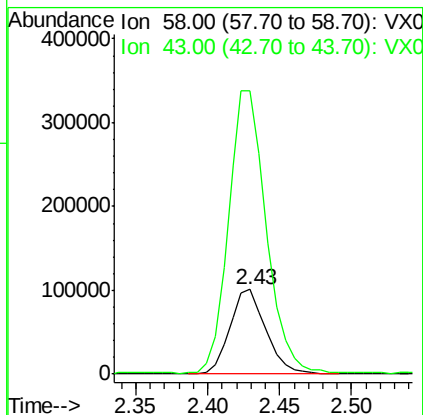
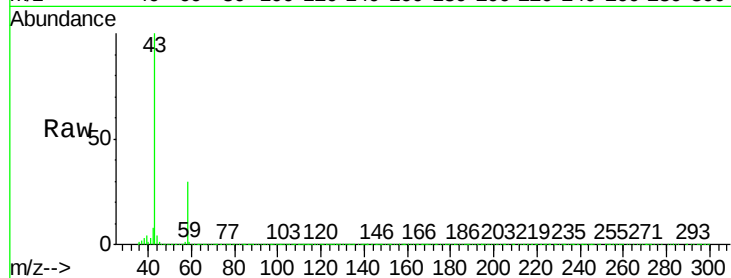
VX0401WBSD01

Tot Ion: 58 Resp: 177305

Ion Ratio Lower Upper

58 100

43 333.6 267.8 401.8



#16

Carbon Disulfide

Concen: 19.365 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015463.D

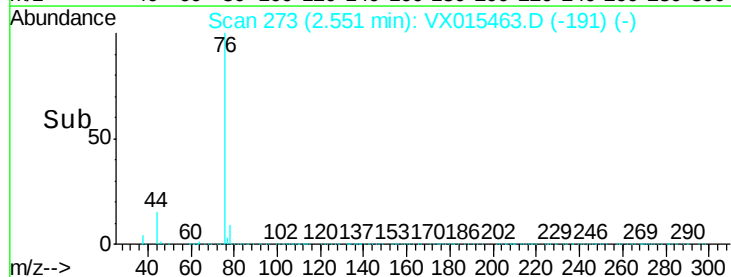
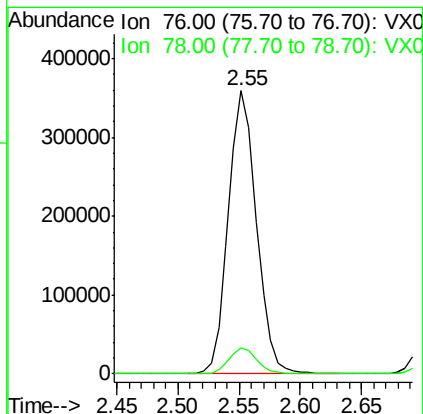
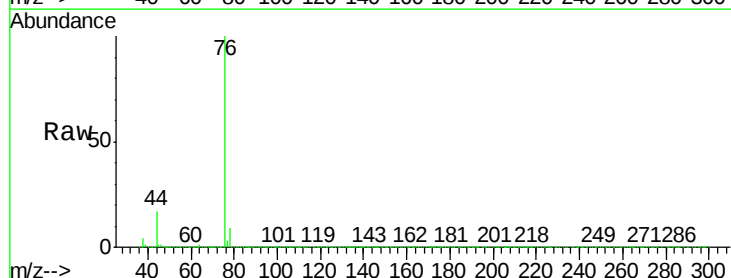
Acq: 01 Apr 2020 13:24

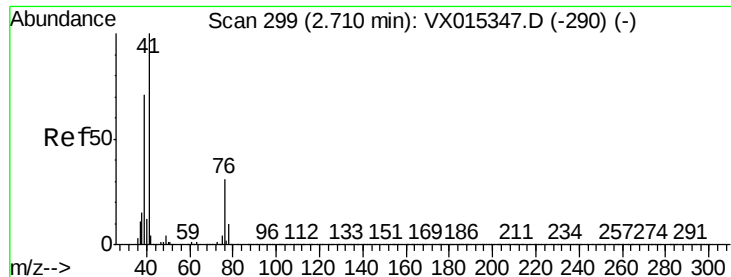
Tgt Ion: 76 Resp: 571916

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

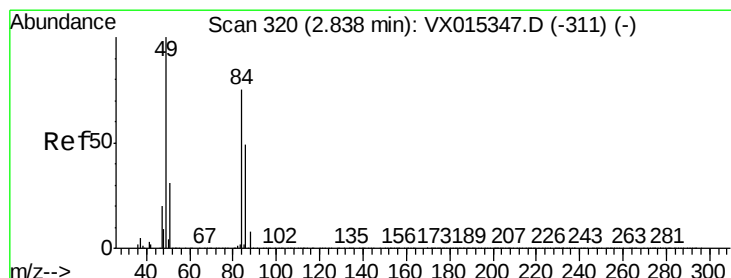
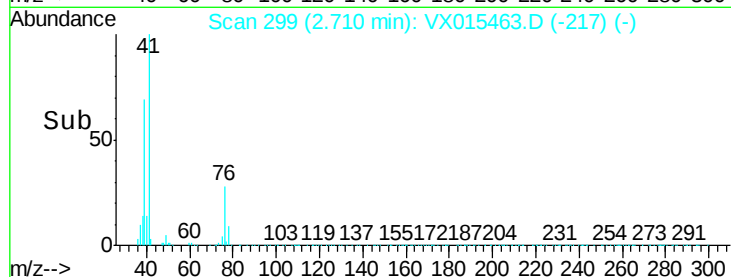
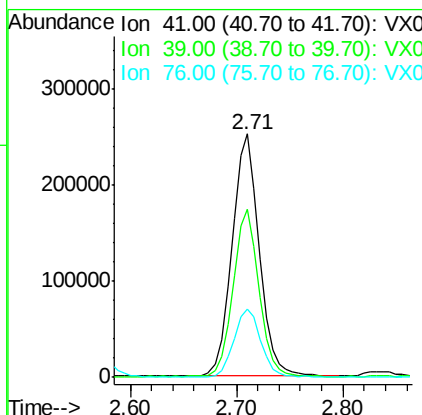
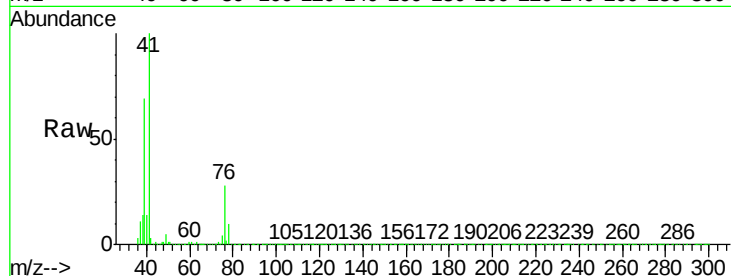




#17
Allvl chloride
Concen: 19.729 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

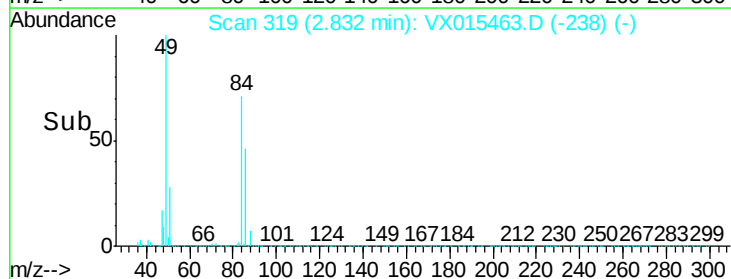
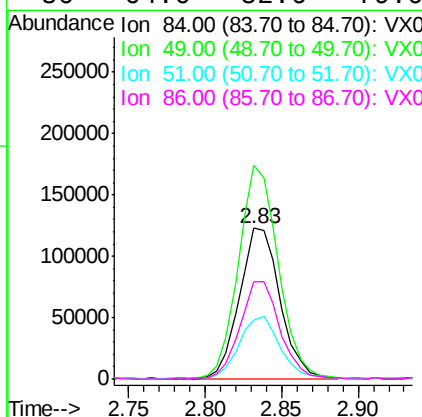
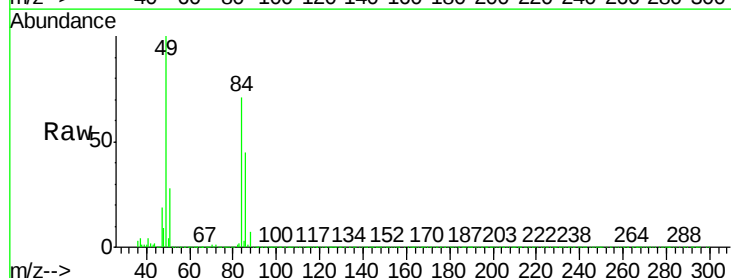
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

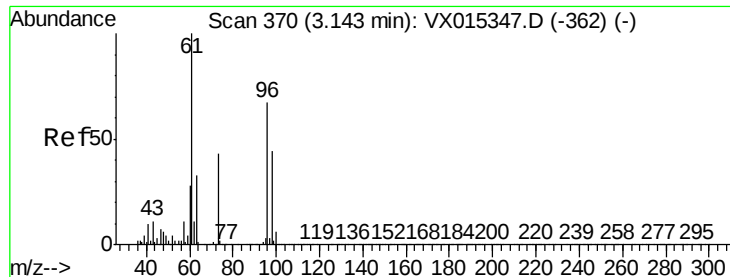
Tot Ion: 41 Resp: 450006
Ion Ratio Lower Upper
41 100
39 68.8 35.6 106.8
76 28.1 15.4 46.4



#18
Methylene Chloride
Concen: 20.029 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 84 Resp: 227178
Ion Ratio Lower Upper
84 100
49 141.4 107.0 160.4
51 38.8 33.4 50.0
86 64.6 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 19.441 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

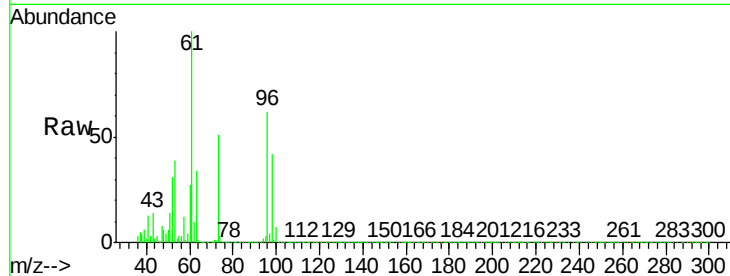
Tot Ion: 96 Resp: 212464

Ion Ratio Lower Upper

96 100

61 160.5 118.2 177.2

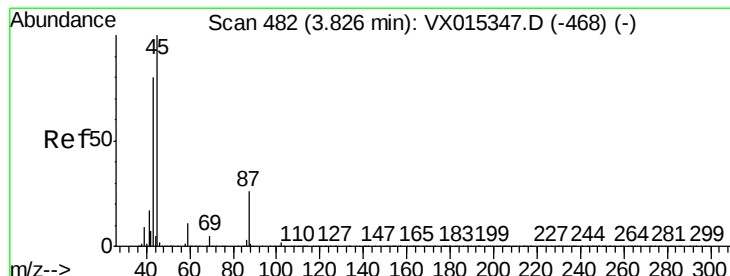
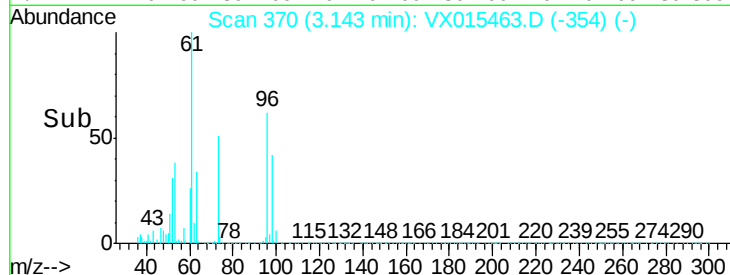
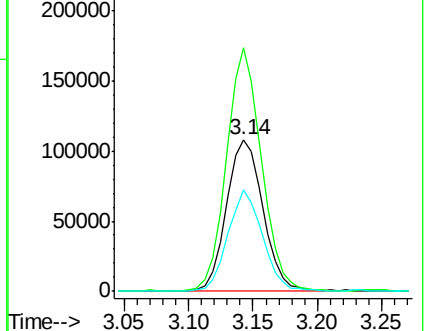
98 67.2 51.9 77.9



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



#20

Diisopropyl ether

Concen: 20.537 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Tgt Ion: 45 Resp: 840154

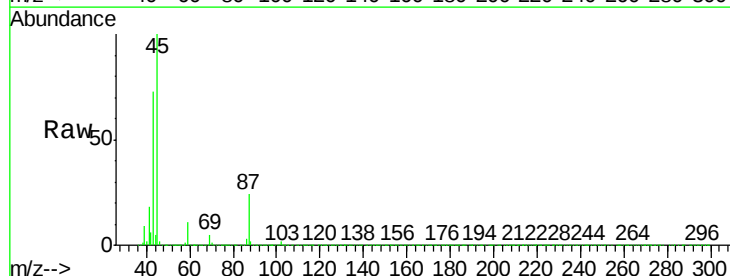
Ion Ratio Lower Upper

45 100

43 72.1 64.4 96.6

87 23.8 20.4 30.6

59 10.6 8.7 13.1

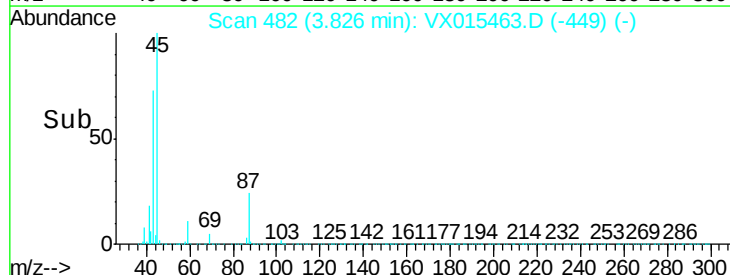
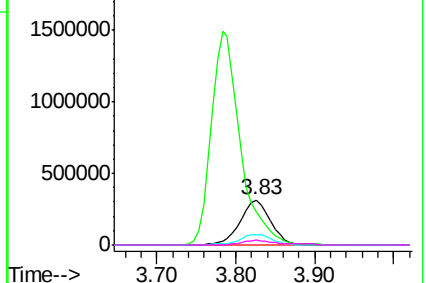


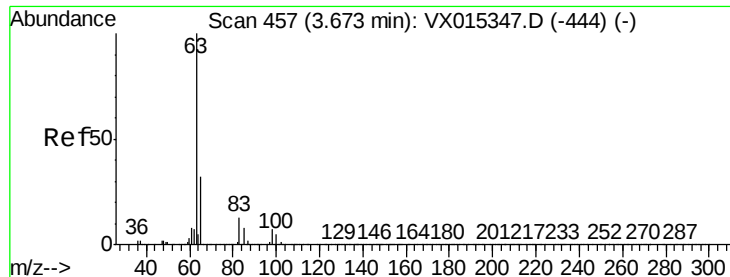
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.997 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

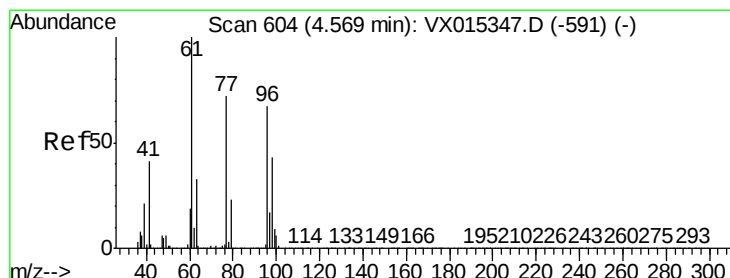
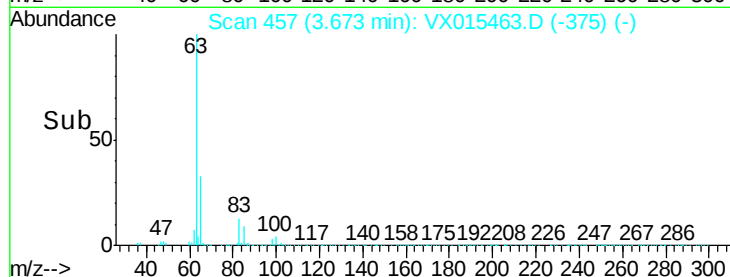
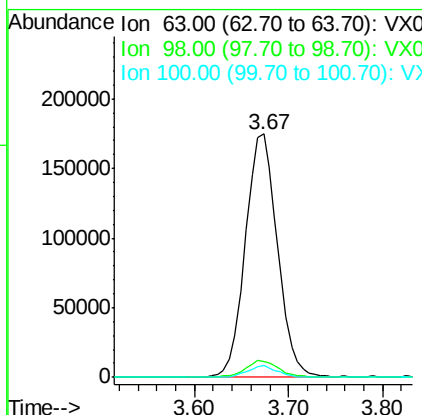
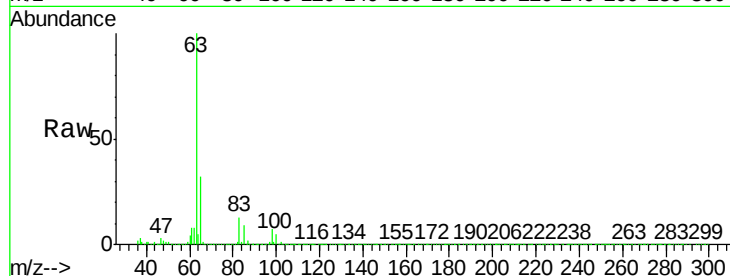
Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion:	63	Resp:	417587
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	5.0	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 19.483 ug/l

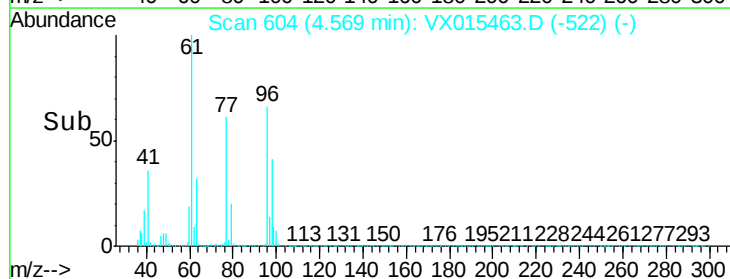
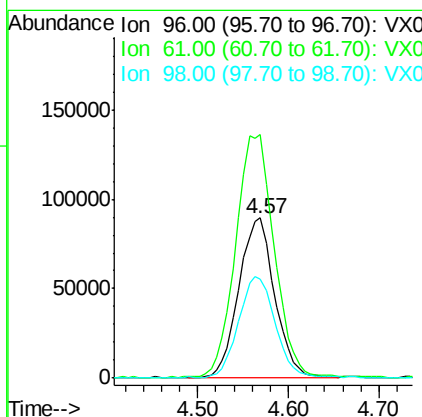
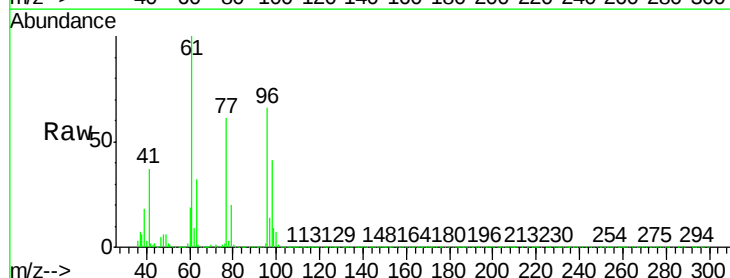
RT: 4.57 min Scan# 604

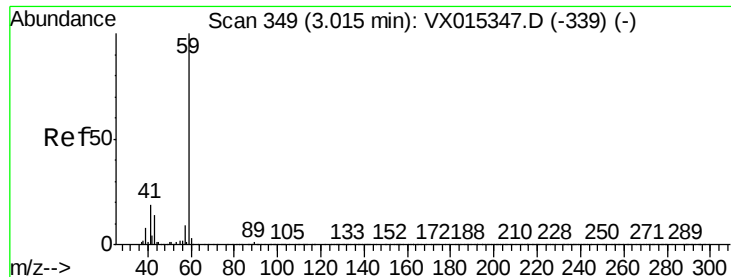
Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Tgt Ion:	96	Resp:	245283
Ion	Ratio	Lower	Upper
96	100		
61	163.1	127.2	190.8
98	64.3	51.8	77.6



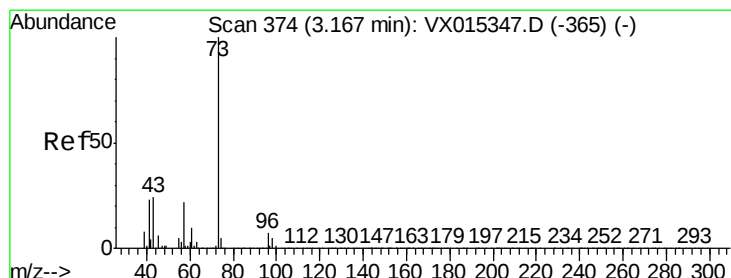
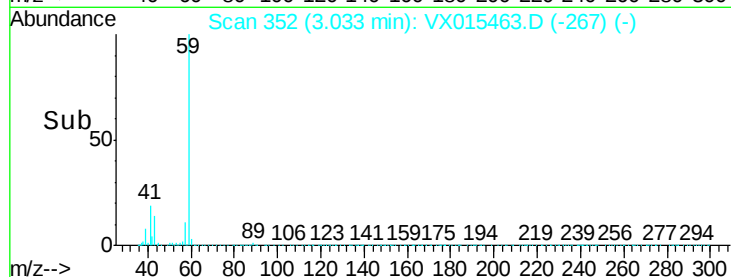
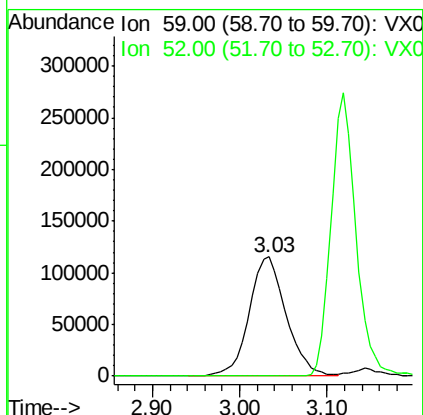
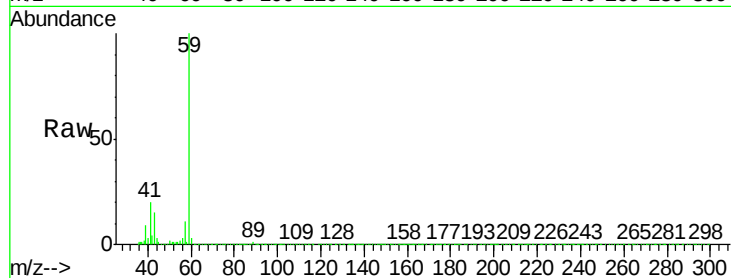


#23

tert-Butyl Alcohol
 Concen: 108.809 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.02 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

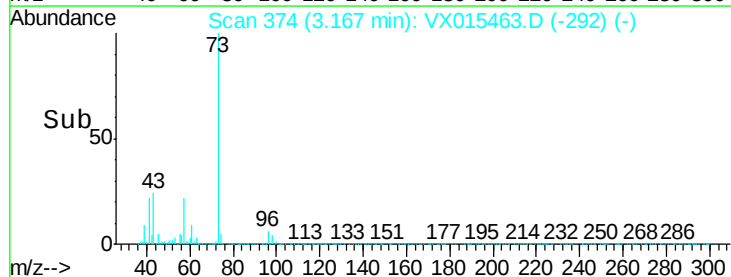
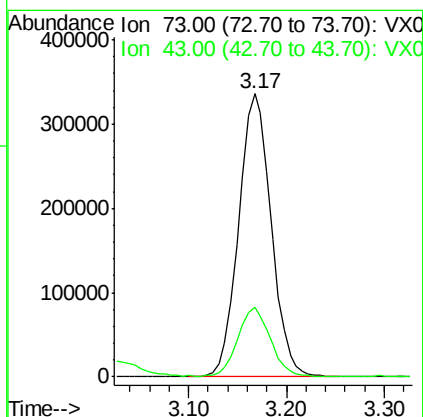
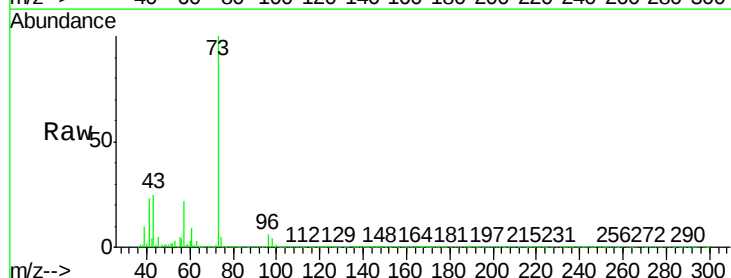
Tot Ion: 59 Resp: 338721
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

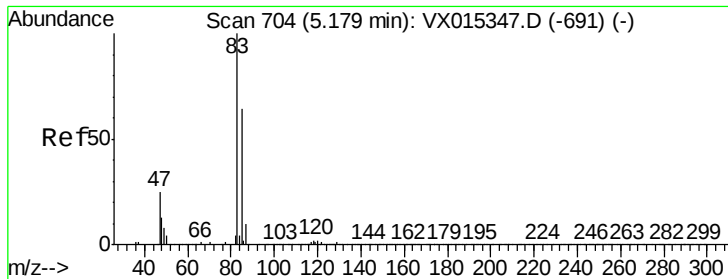


#24

Methyl tert-Butyl Ether
 Concen: 20.561 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

Tgt Ion: 73 Resp: 771209
 Ion Ratio Lower Upper
 73 100
 43 24.1 19.2 28.8

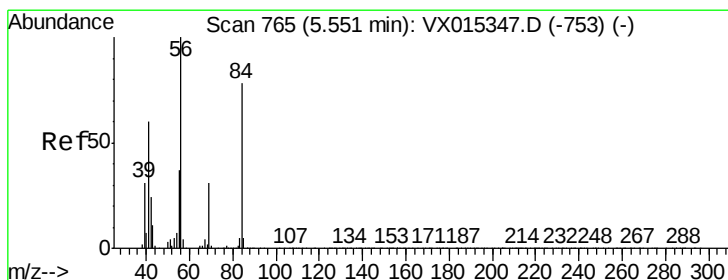
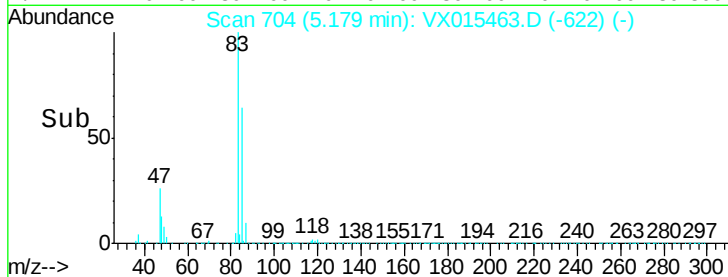
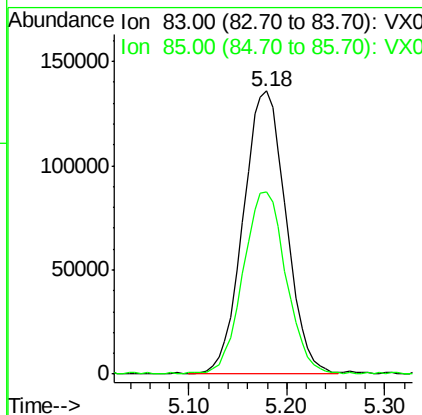
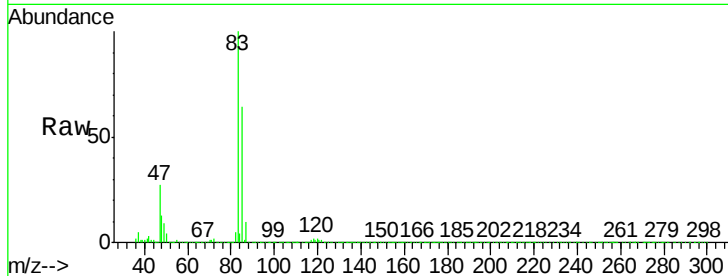




#25
Chloroform
Concen: 19.907 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

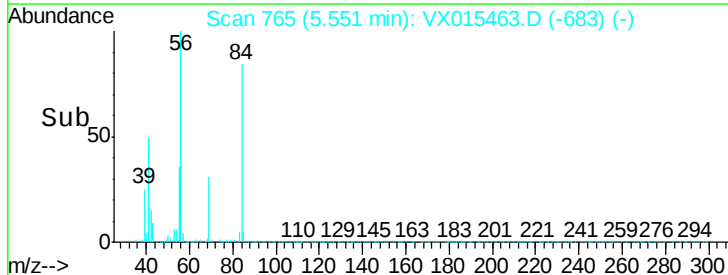
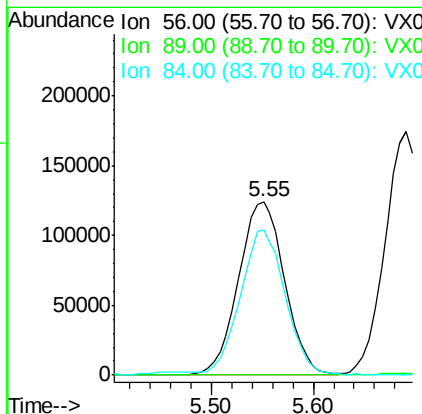
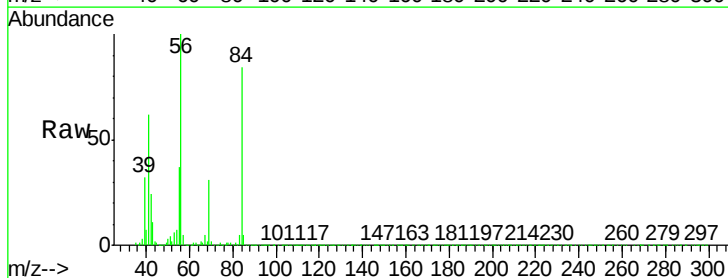
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

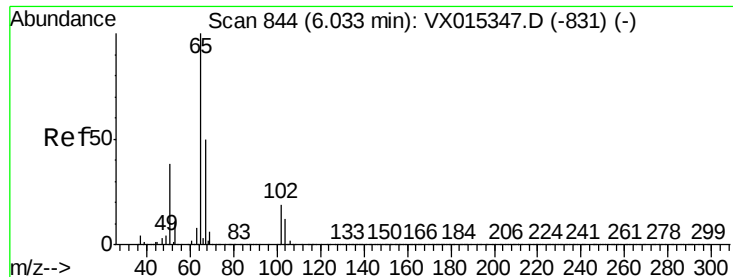
Tot Ion: 83 Resp: 410909
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7



#26
Cyclohexane
Concen: 19.254 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 56 Resp: 384163
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 82.9 66.1 99.1

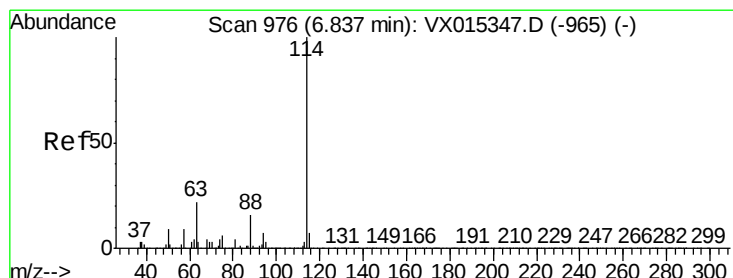
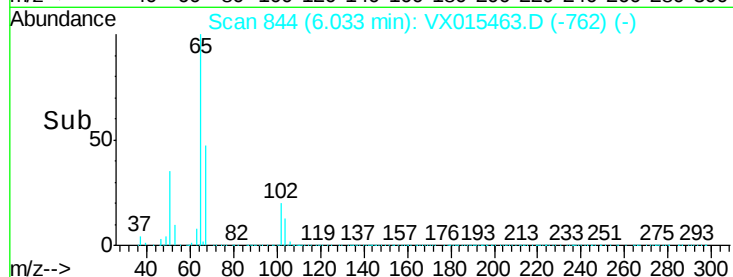
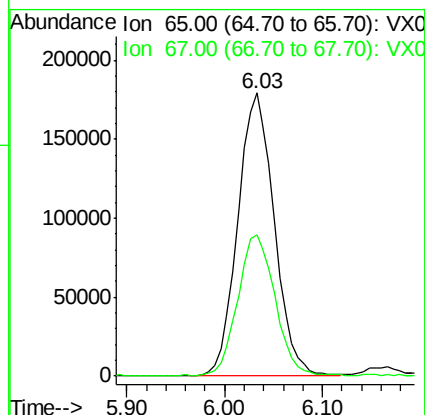
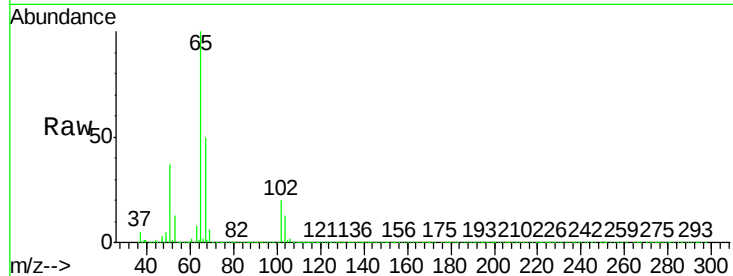




#27
 1,2-Dichloroethane-d4
 Concen: 32.014 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

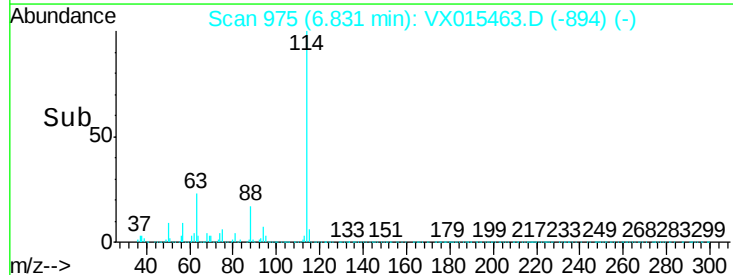
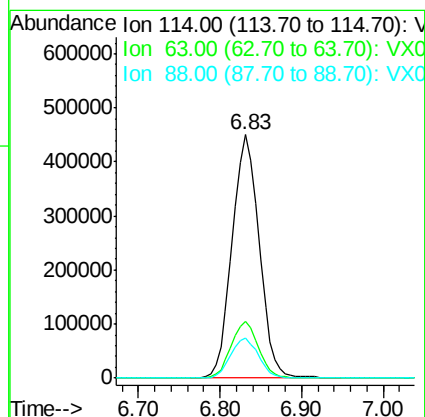
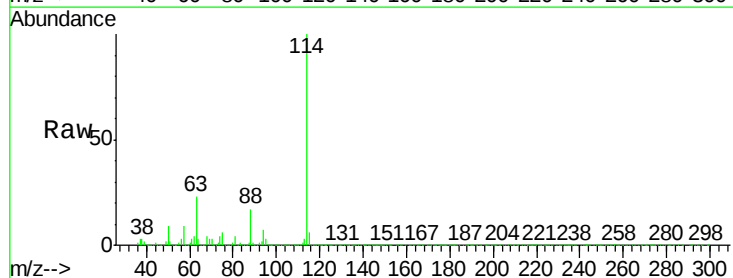
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

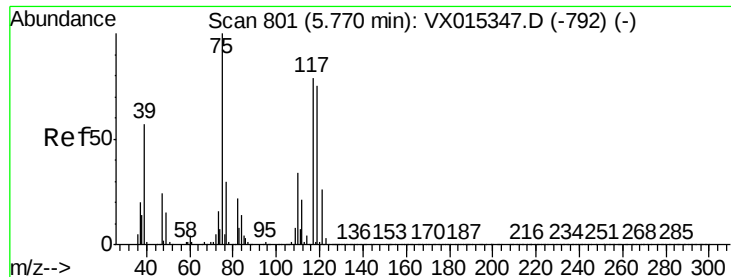
Tot Ion: 65 Resp: 464150
 Ion Ratio Lower Upper
 65 100
 67 50.2 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

Tgt Ion: 114 Resp: 1036903
 Ion Ratio Lower Upper
 114 100
 63 23.3 17.4 26.2
 88 16.7 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.735 ug/l

RT: 5.76 min Scan# 800

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

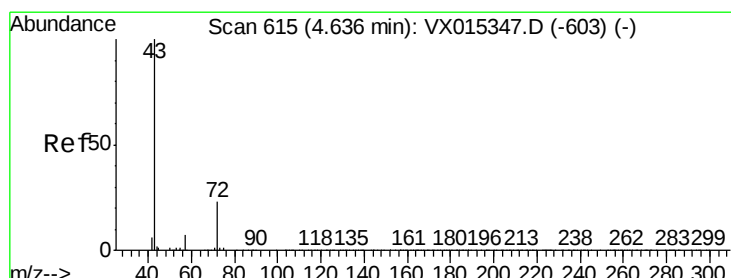
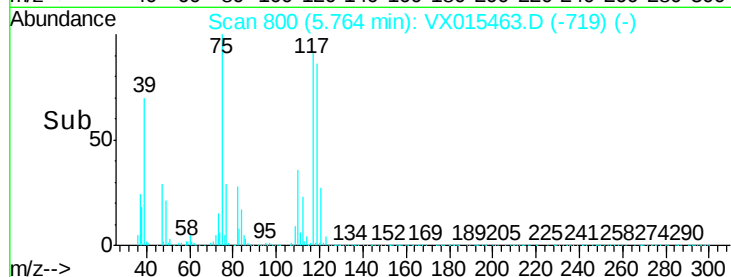
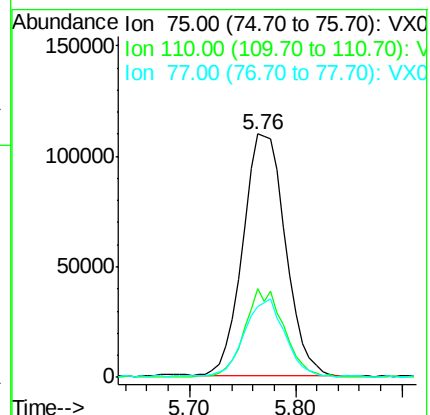
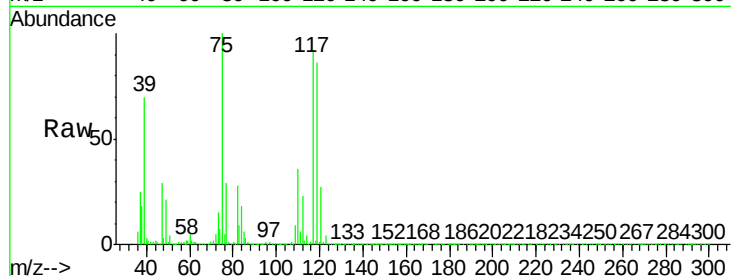
Tot Ion: 75 Resp: 307444

Ion Ratio Lower Upper

75 100

110 33.6 0.0 71.2

77 30.5 0.0 62.2



#30

2-Butanone

Concen: 104.230 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

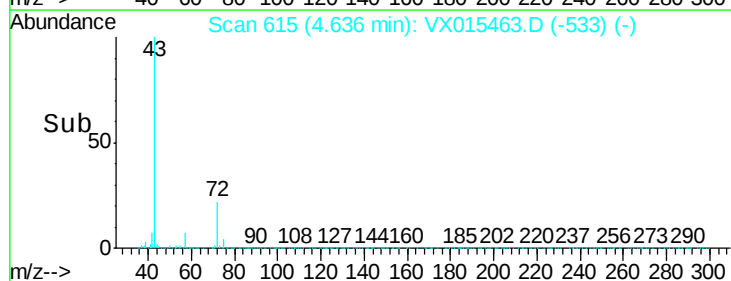
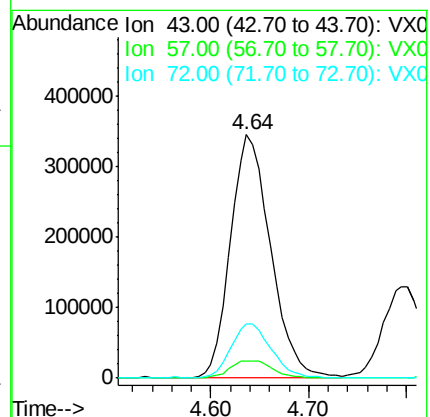
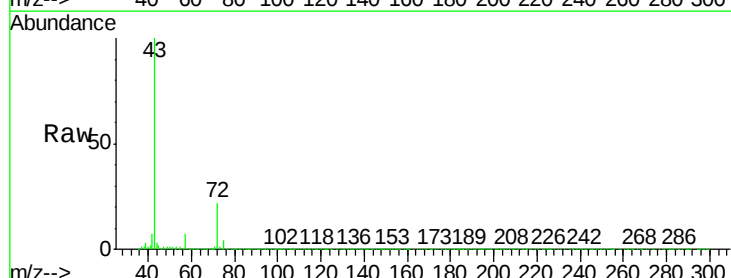
Tgt Ion: 43 Resp: 973373

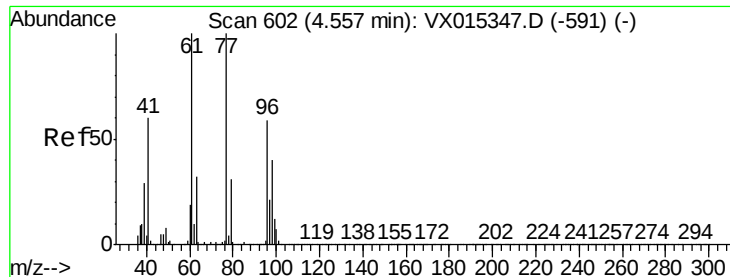
Ion Ratio Lower Upper

43 100

57 7.4 5.9 8.9

72 22.0 18.6 27.8





#31

2,2-Dichloropropane

Concen: 19.776 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

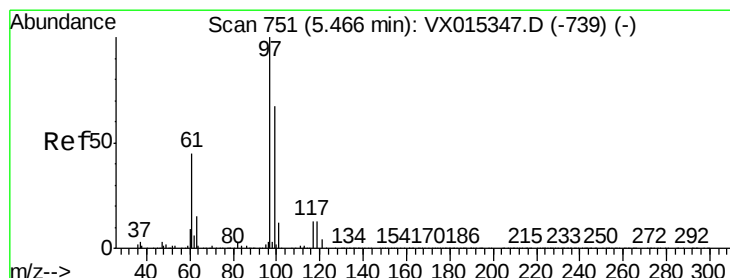
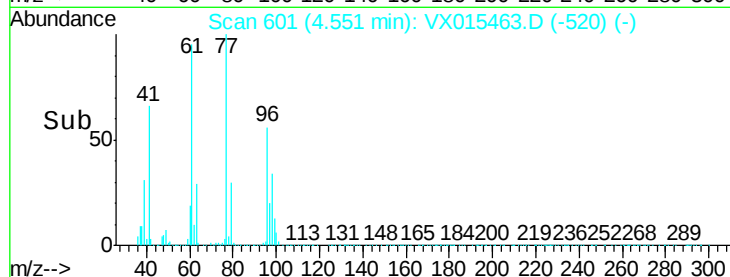
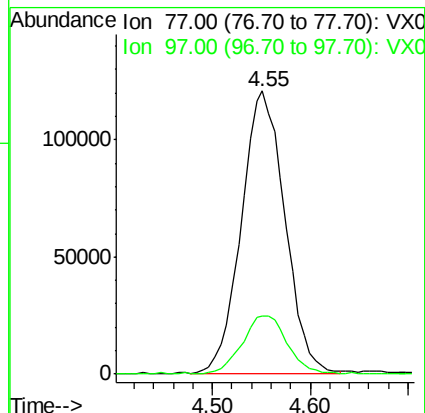
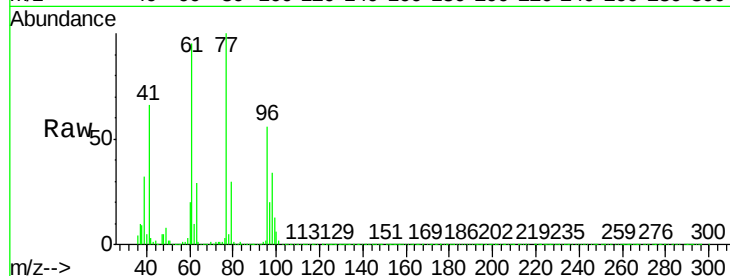
VX0401WBSD01

Tot Ion: 77 Resp: 370737

Ion Ratio Lower Upper

77 100

97 21.2 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.408 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

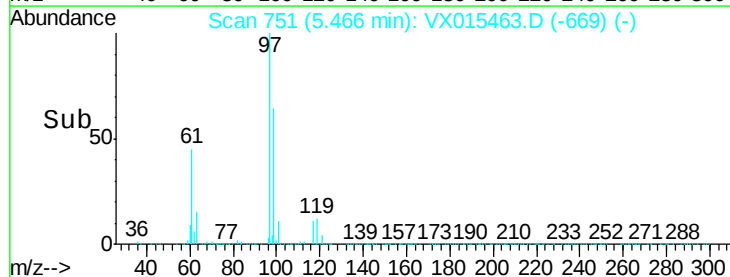
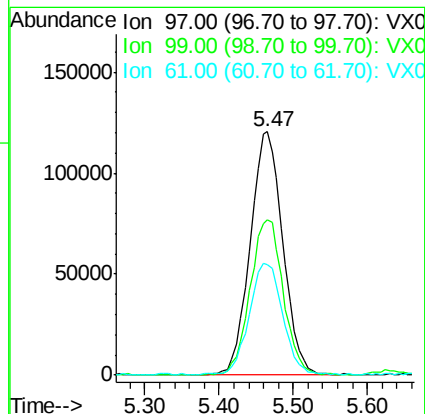
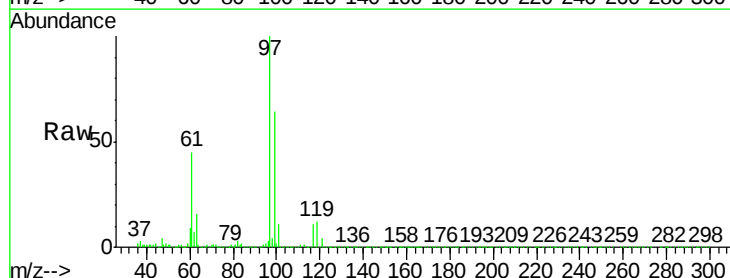
Tgt Ion: 97 Resp: 368898

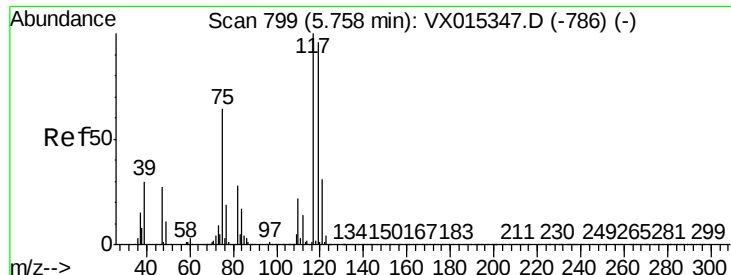
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 47.2 35.8 53.8





#33

Carbon Tetrachloride

Concen: 19.364 ug/l

RT: 5.75 min Scan# 798

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

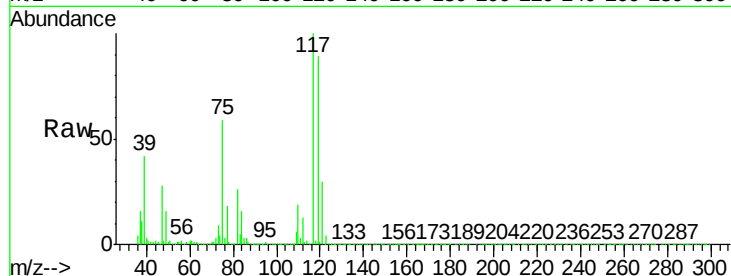
Tot Ion:117 Resp: 335399

Ion Ratio Lower Upper

117 100

119 88.8 76.6 114.8

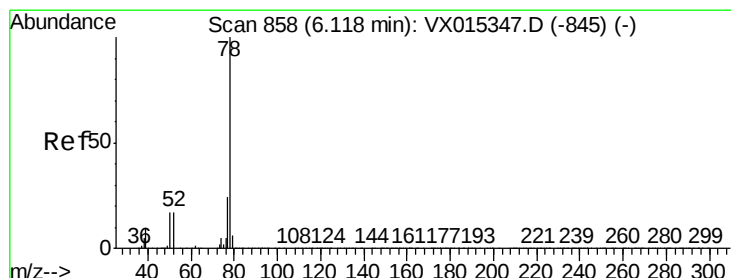
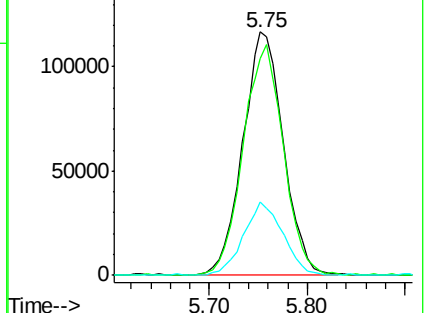
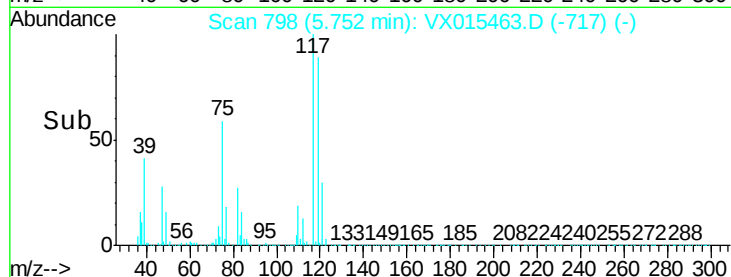
121 29.8 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.767 ug/l

RT: 6.11 min Scan# 857

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

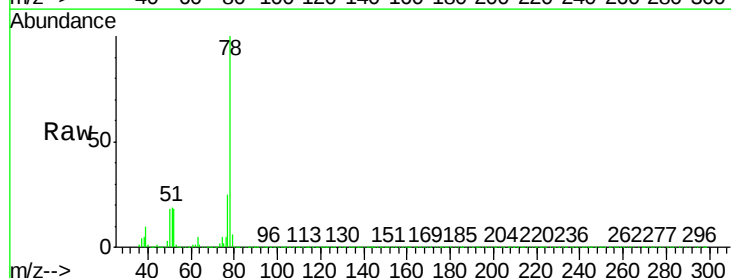
Tgt Ion: 78 Resp: 887525

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.2

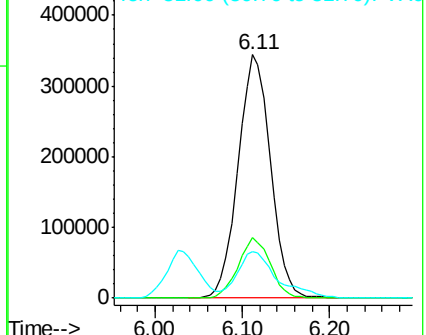
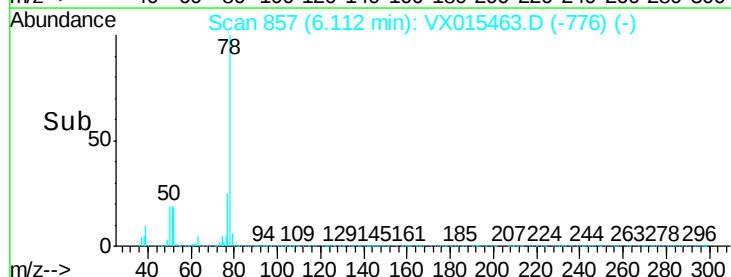
51 18.5 14.6 21.8

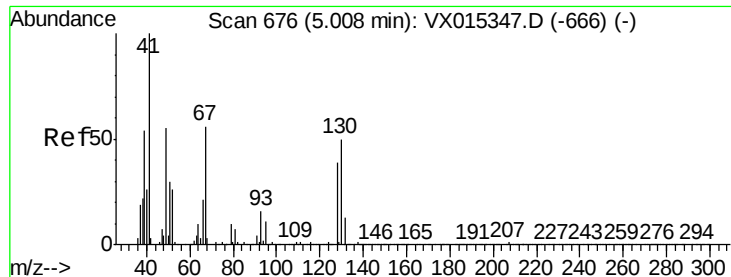


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

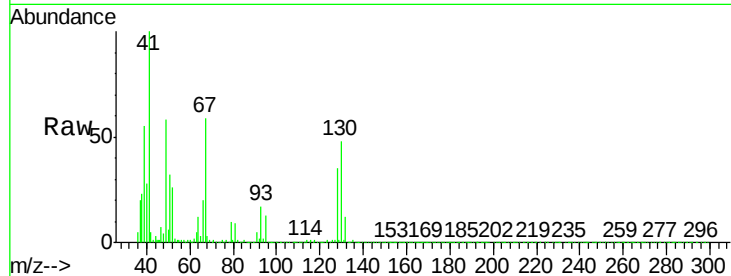




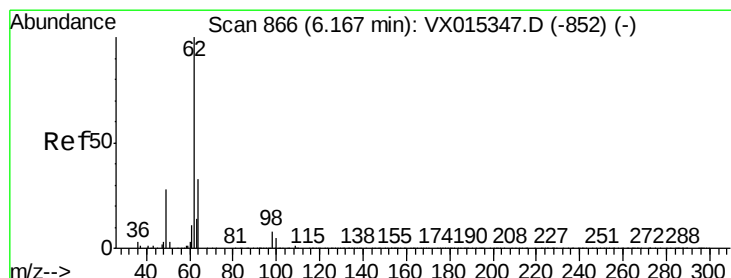
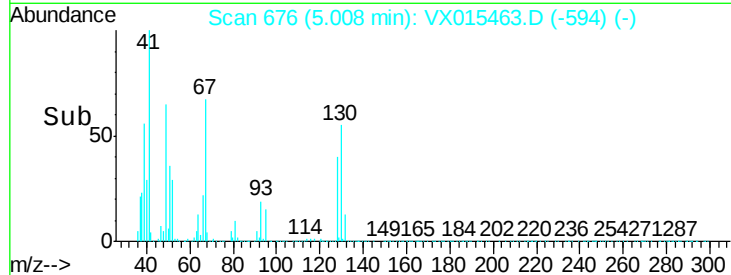
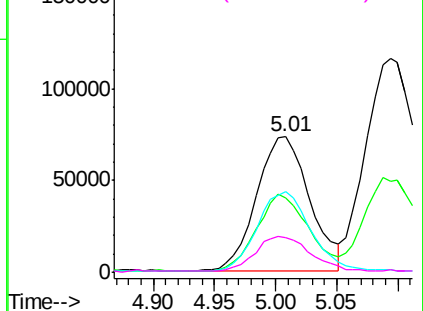
#35
Methacrylonitrile
Concen: 20.842 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Instrument :
MSVOA_X
ClientSampled :
VX0401WBSD01

Tot Ion:	41	Resp:	220716
Ion	Ratio	Lower	Upper
41	100		
39	55.1	27.0	81.0
67	58.8	28.2	84.6
52	25.3	12.8	38.3

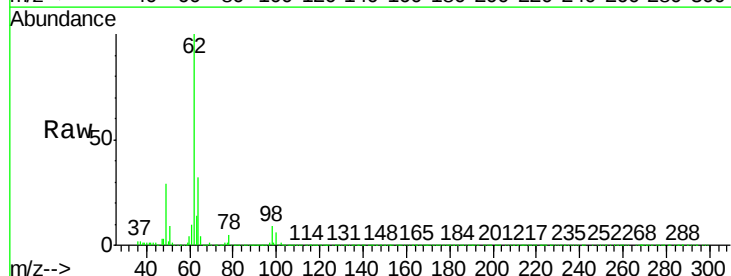


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

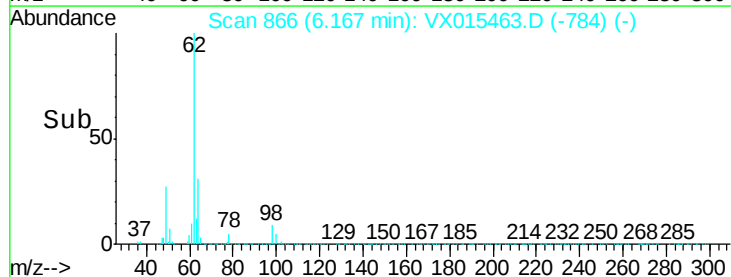
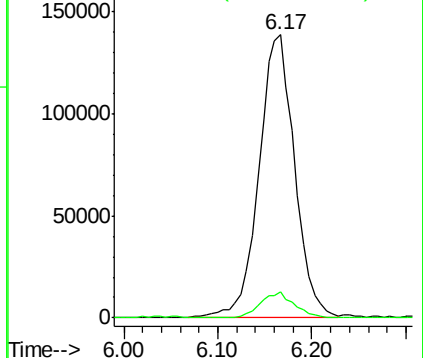


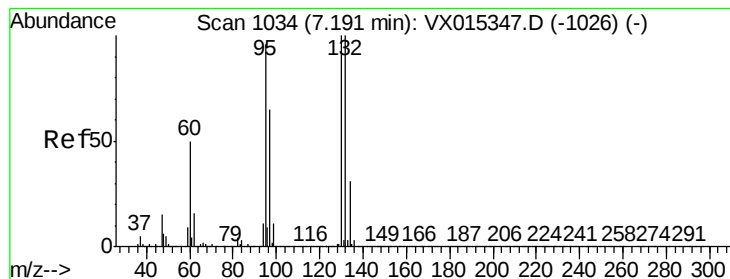
#36
1,2-Dichloroethane
Concen: 21.216 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion:	62	Resp:	368087
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.315 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

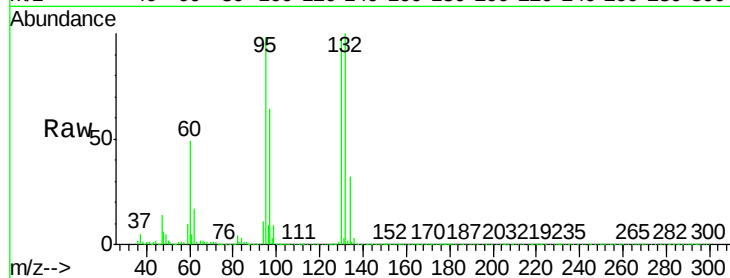
VX0401WBSD01

Tot Ion:130 Resp: 244192

Ion Ratio Lower Upper

130 100

95 100.9 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

120000

100000

80000

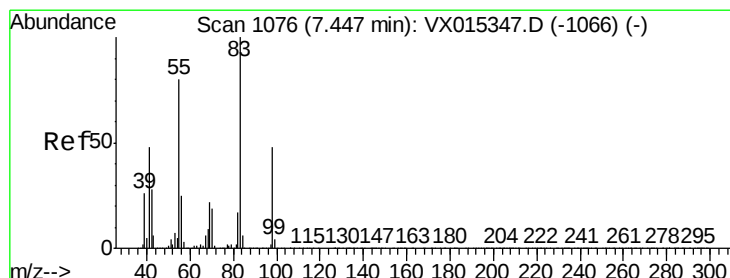
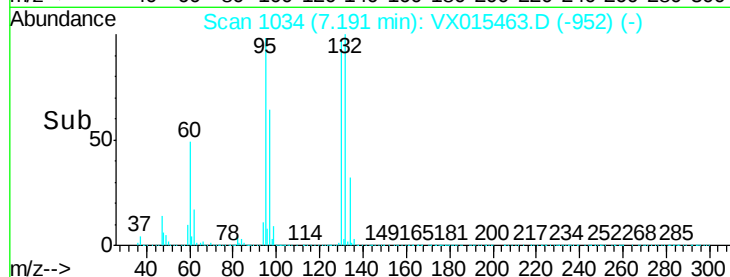
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 19.610 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

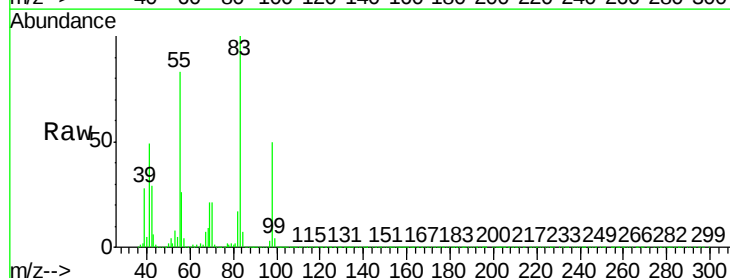
Tgt Ion: 83 Resp: 374501

Ion Ratio Lower Upper

83 100

55 84.5 41.3 124.1

98 48.6 24.0 72.0



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

7.44

200000

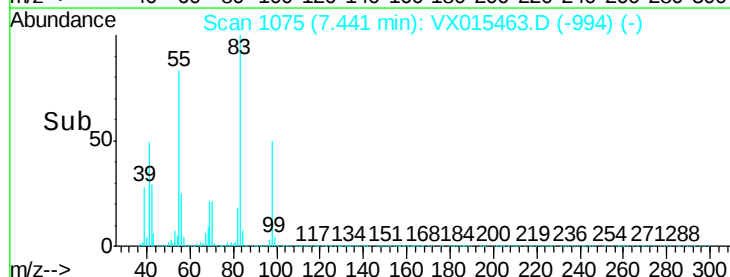
150000

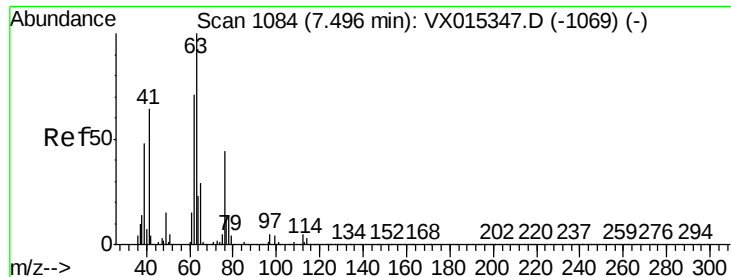
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 20.283 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

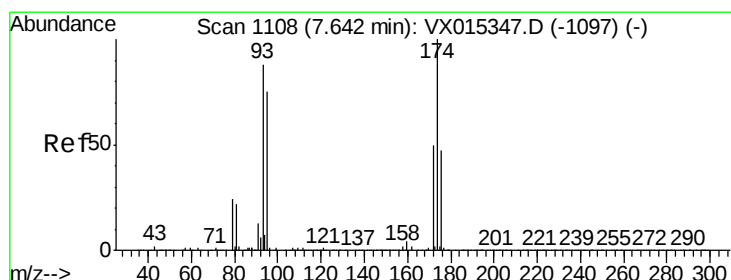
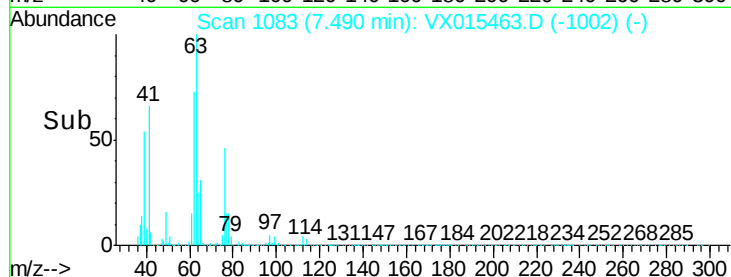
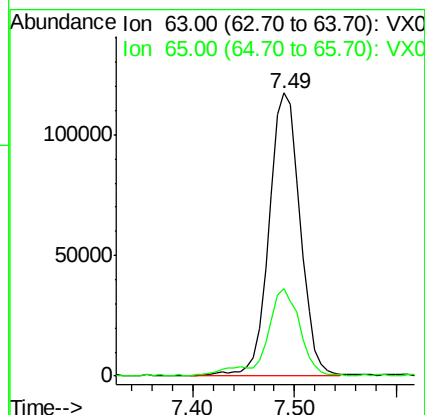
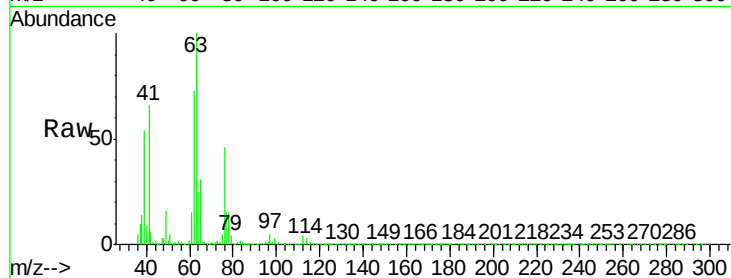
VX0401WBSD01

Tot Ion: 63 Resp: 244608

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.4



#40

Dibromomethane

Concen: 20.130 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

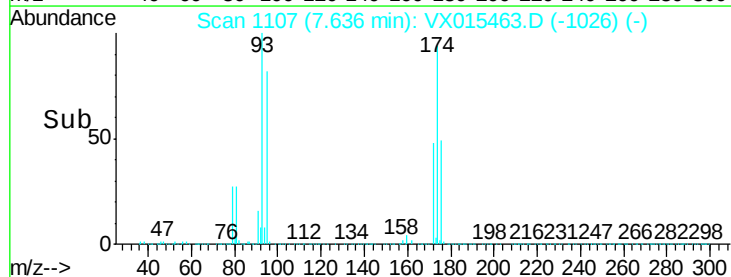
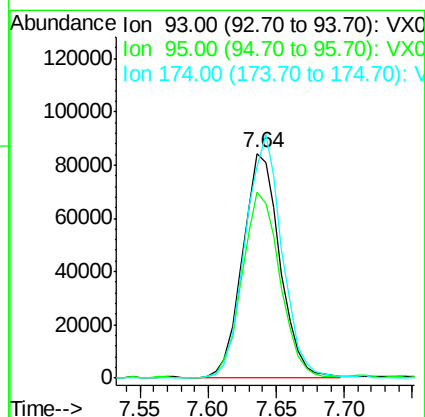
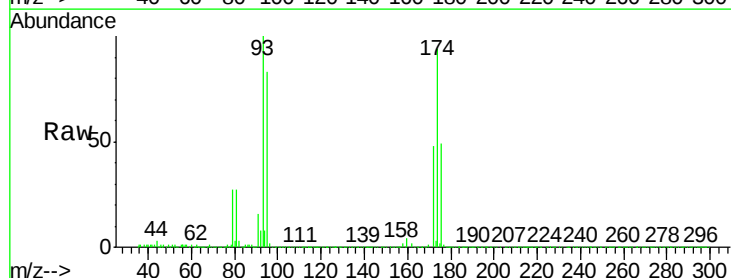
Tgt Ion: 93 Resp: 161586

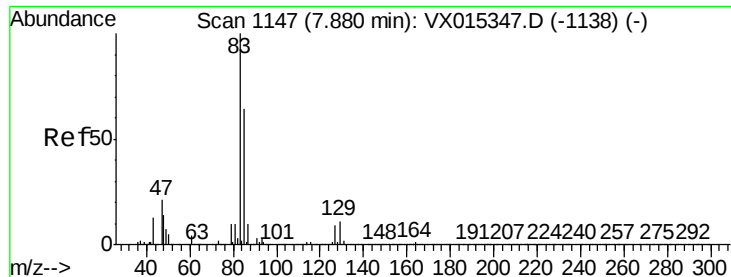
Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.4

174 107.1 0.0 225.4





#41

Bromodichloromethane

Concen: 19.432 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

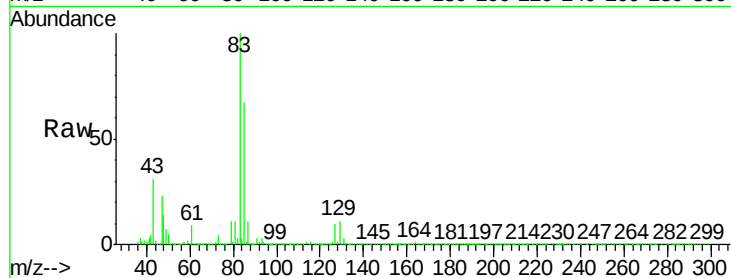
Tot Ion: 83 Resp: 338991

Ion Ratio Lower Upper

83 100

85 66.9 51.6 77.4

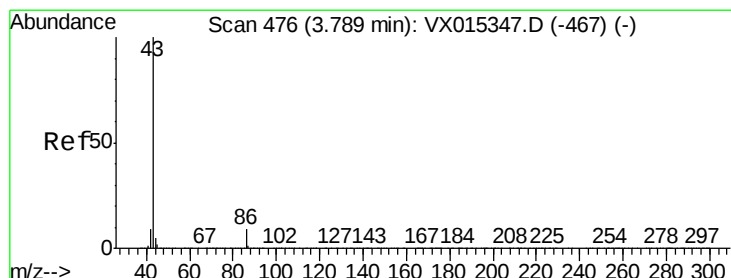
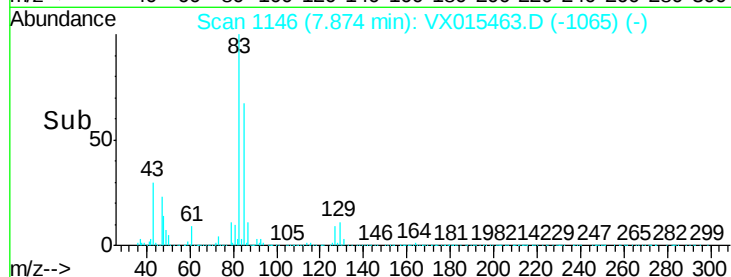
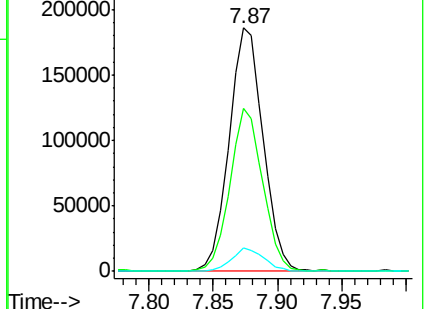
127 9.4 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 107.877 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015463.D

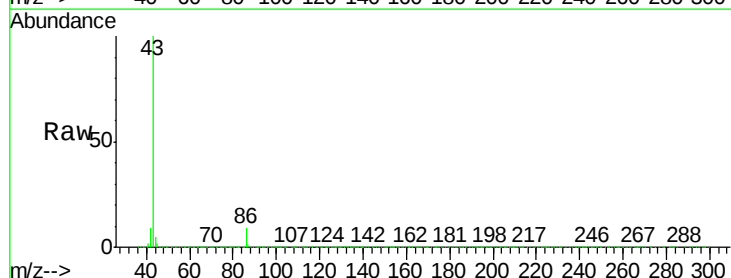
Acq: 01 Apr 2020 13:24

Tgt Ion: 43 Resp: 3817201

Ion Ratio Lower Upper

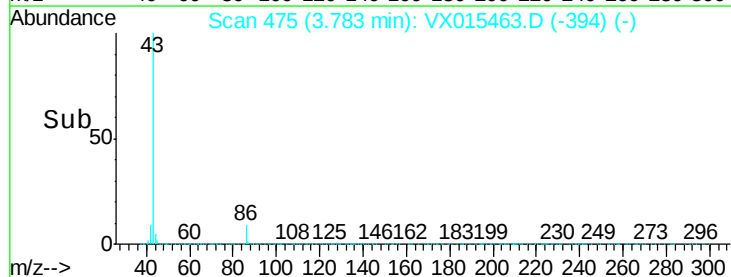
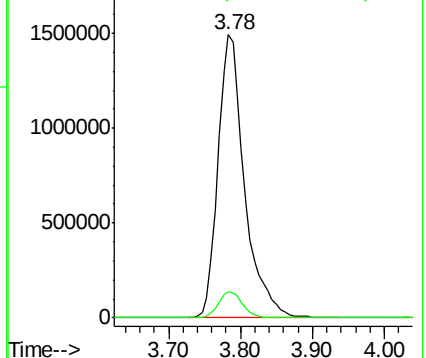
43 100

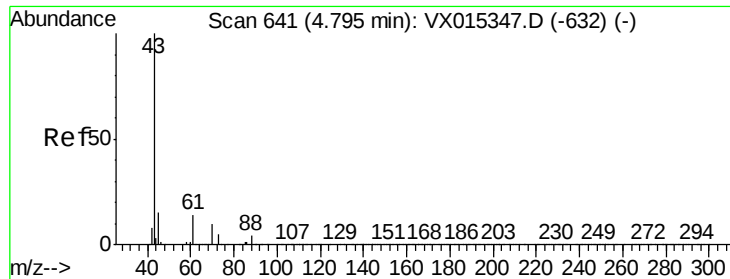
86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

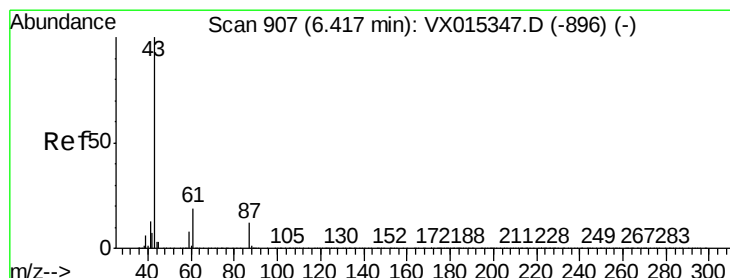
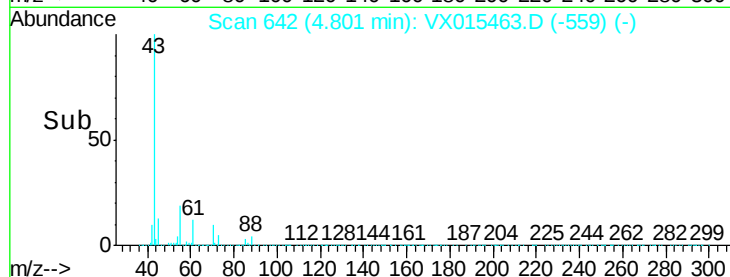
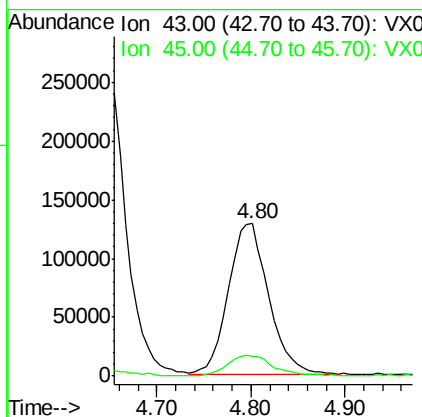
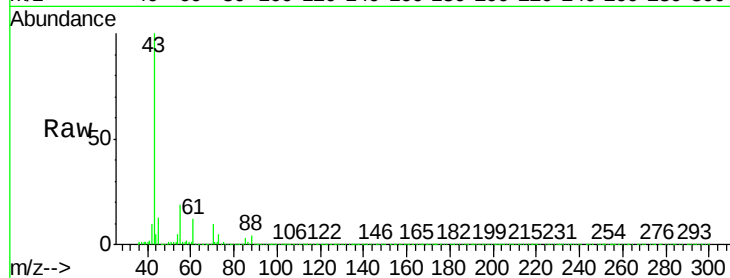




#43
Ethyl Acetate
Concen: 18.767 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

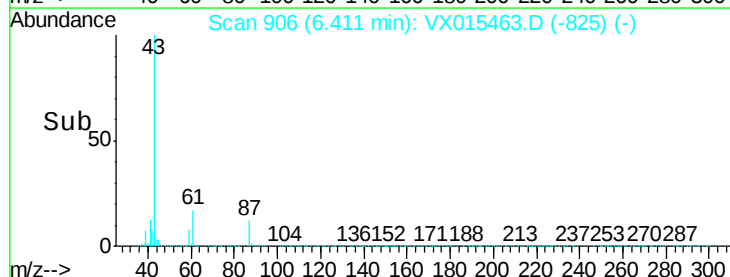
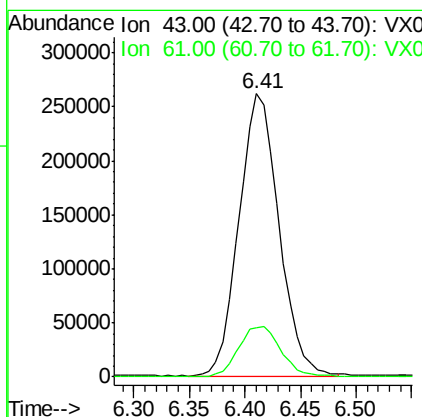
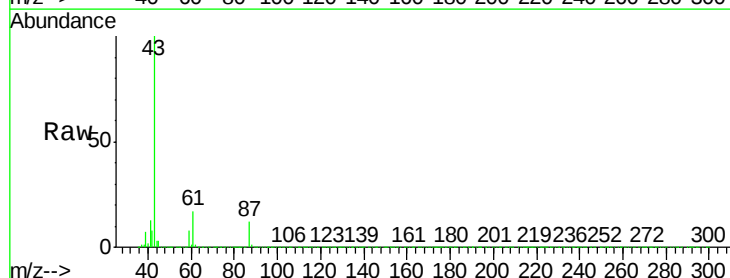
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

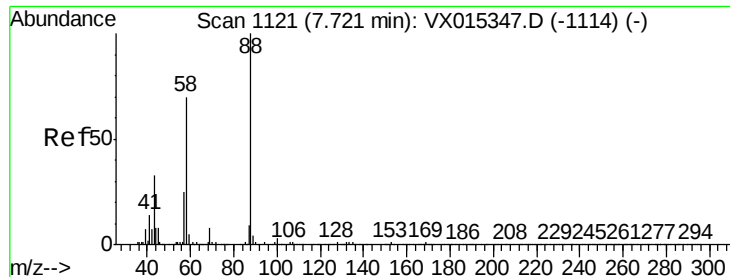
Tot Ion: 43 Resp: 381237
Ion Ratio Lower Upper
43 100
45 14.0 12.2 18.4



#44
Isopropyl Acetate
Concen: 19.922 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 43 Resp: 651296
Ion Ratio Lower Upper
43 100
61 18.7 14.6 22.0





#45

1,4-Dioxane

Concen: 411.502 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

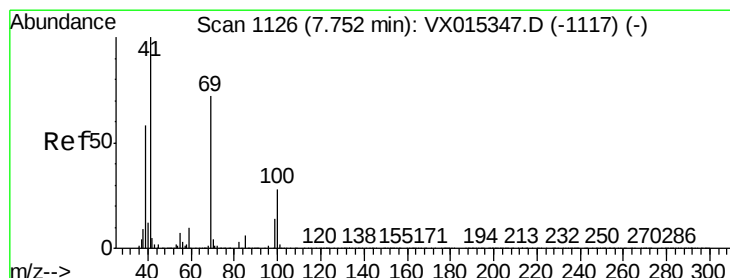
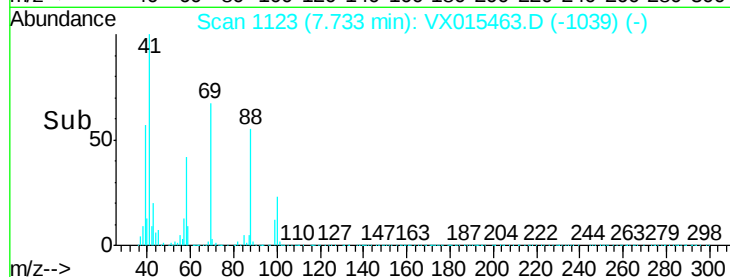
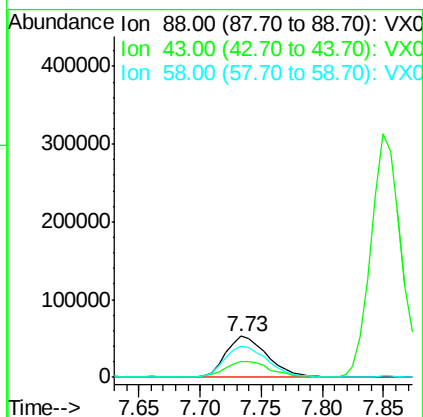
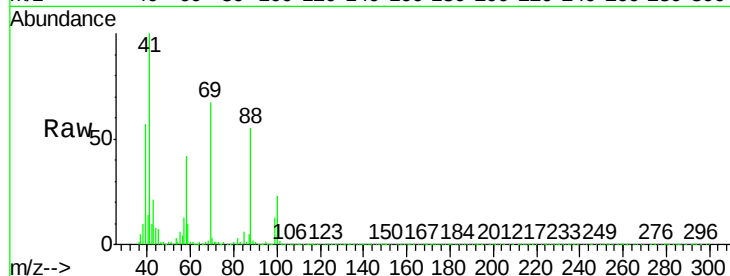
Tot Ion: 88 Resp: 123931

Ion Ratio Lower Upper

88 100

43 39.3 32.1 48.1

58 78.8 59.4 89.0



#46

Methyl methacrylate

Concen: 19.751 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

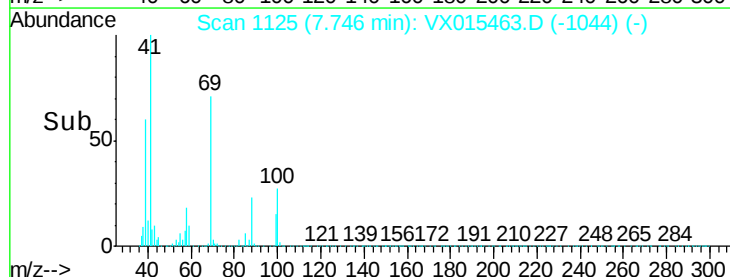
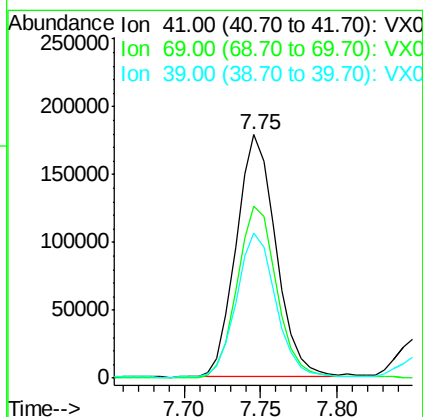
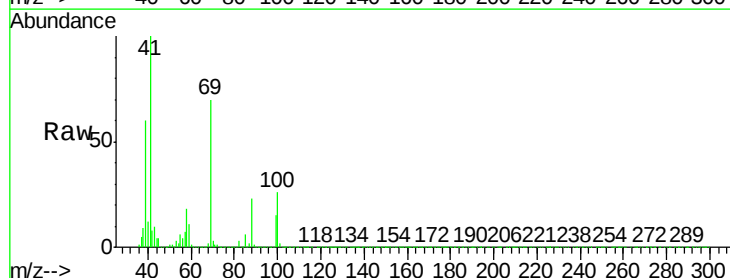
Tgt Ion: 41 Resp: 322212

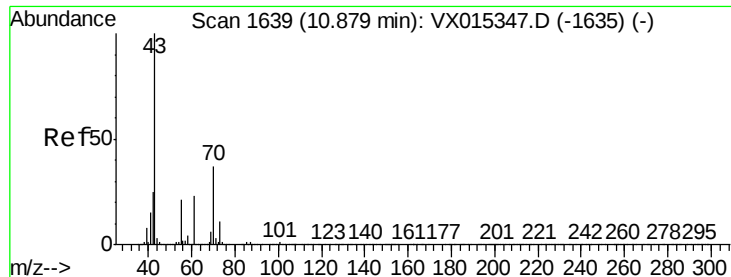
Ion Ratio Lower Upper

41 100

69 70.6 35.8 107.4

39 59.3 28.9 86.8

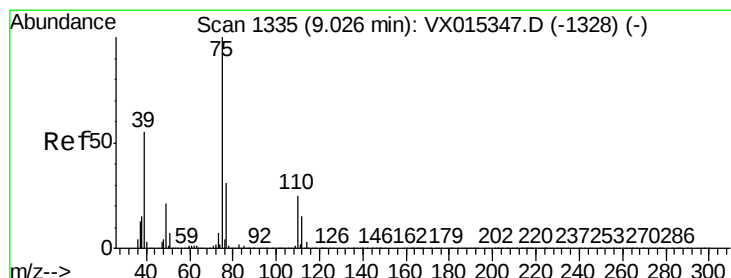
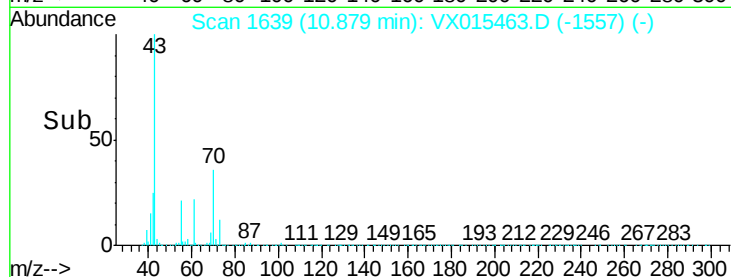
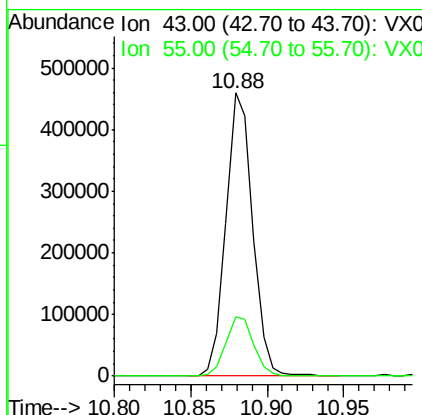
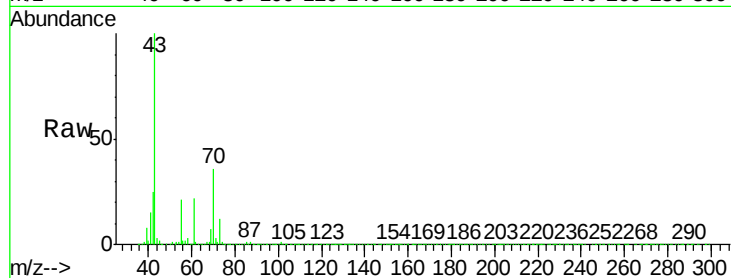




#47
 n-amvl Acetate
 Concen: 19.565 ug/l
 RT: 10.88 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

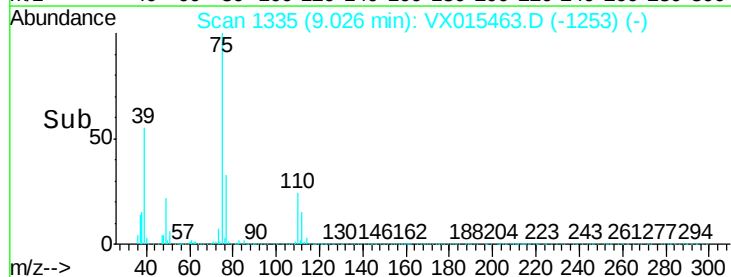
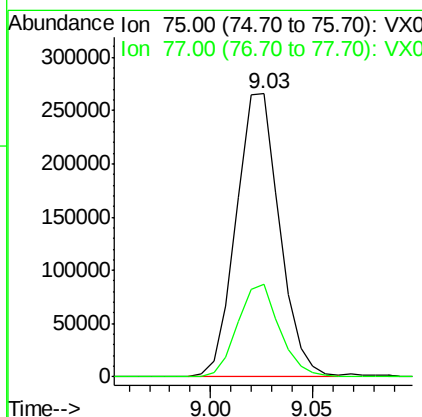
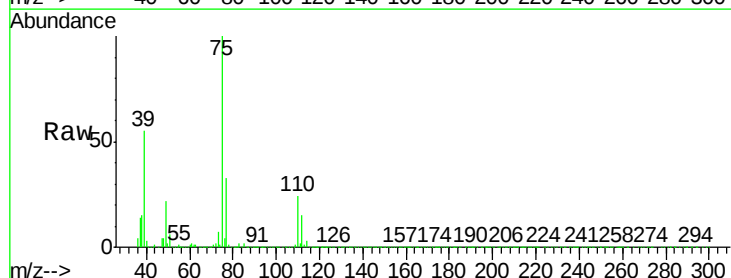
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

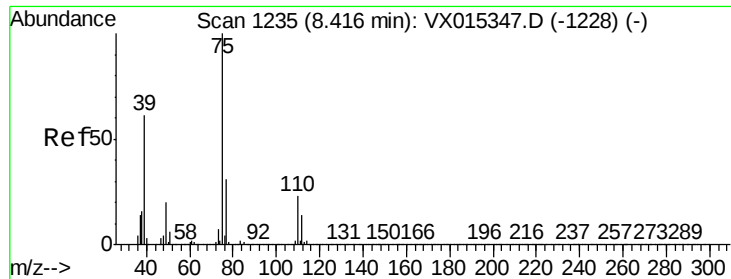
Tot Ion: 43 Resp: 551510
 Ion Ratio Lower Upper
 43 100
 55 21.7 17.0 25.6



#48
 t-1,3-Dichloropropene
 Concen: 19.470 ug/l
 RT: 9.03 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

Tgt Ion: 75 Resp: 392112
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.917 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

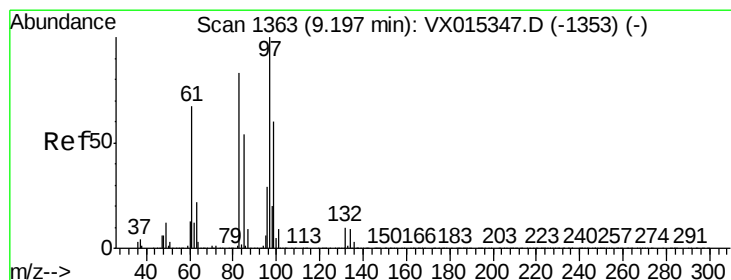
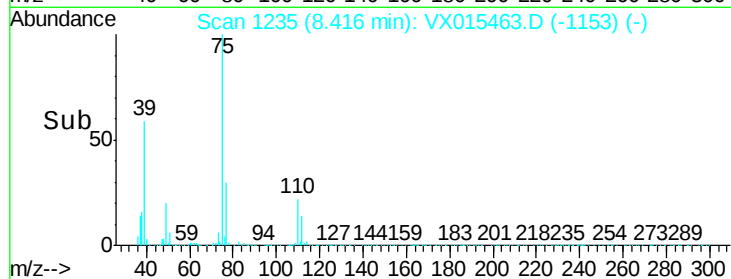
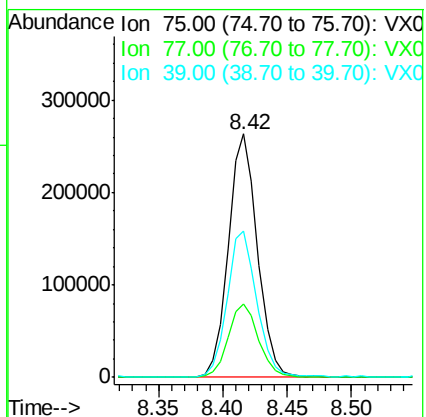
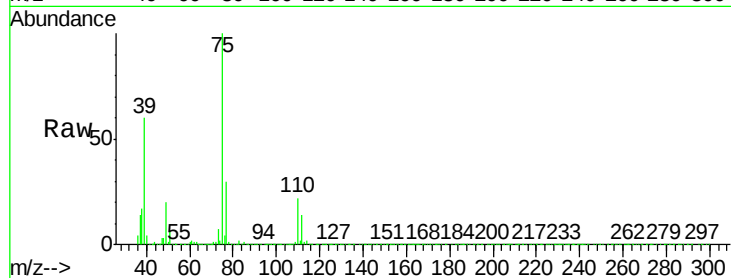
Tot Ion: 75 Resp: 414011

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8

39 59.7 48.9 73.3



#50

1,1,2-Trichloroethane

Concen: 20.325 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Tgt Ion: 97 Resp: 234132

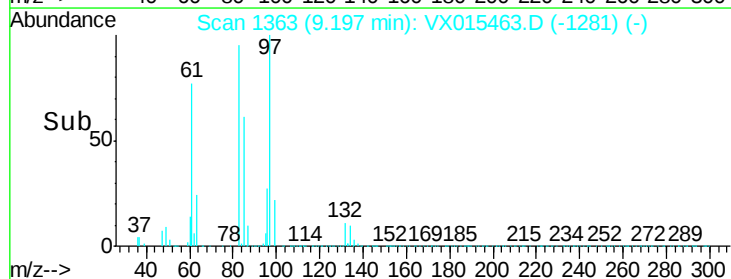
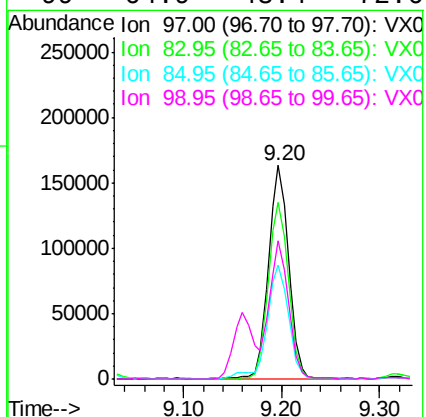
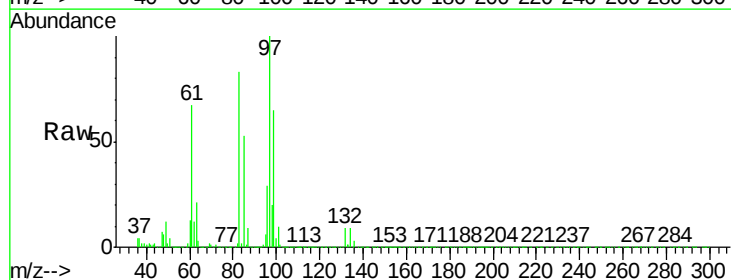
Ion Ratio Lower Upper

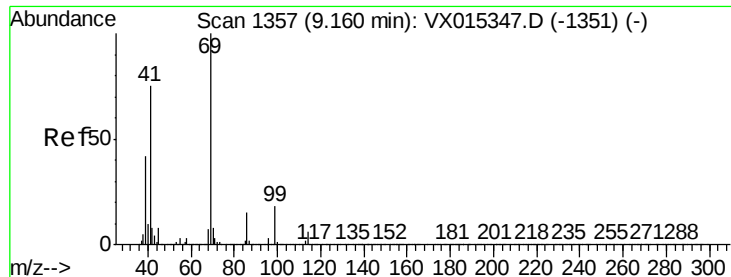
97 100

83 82.4 66.8 100.2

85 53.3 43.3 64.9

99 64.9 48.4 72.6





#51

Ethyl methacrylate

Concen: 19.595 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

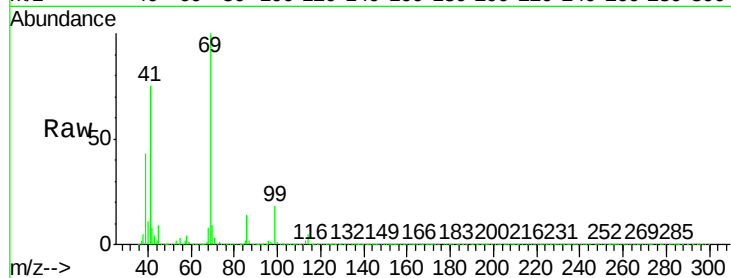
Tot Ion: 69 Resp: 388212

Ion Ratio Lower Upper

69 100

41 75.3 37.4 112.2

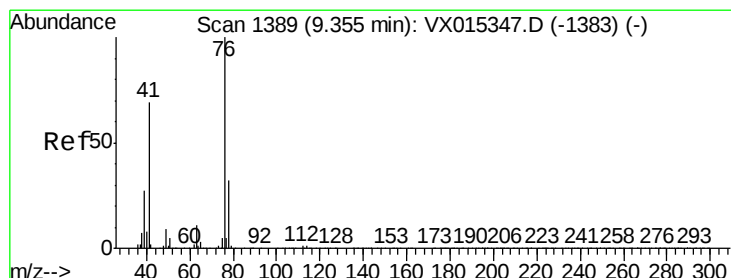
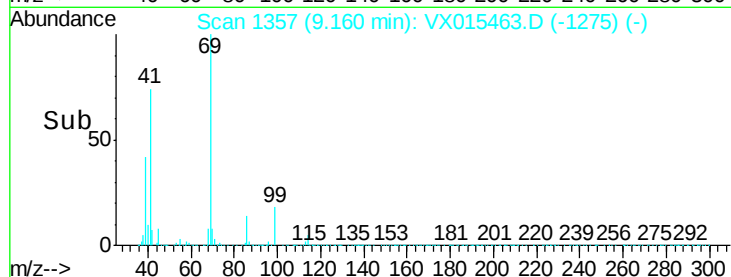
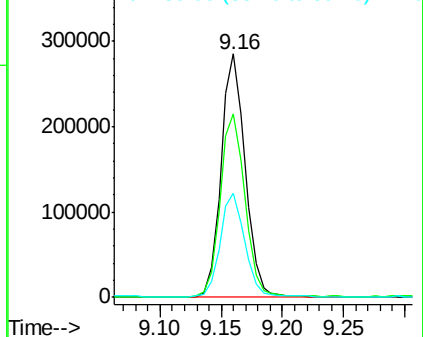
39 42.4 21.1 63.1



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: 20.253 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015463.D

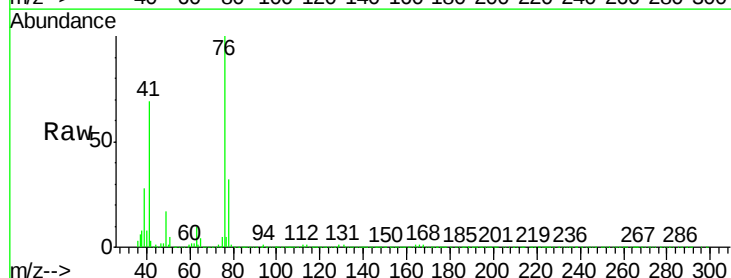
Acq: 01 Apr 2020 13:24

Tgt Ion: 76 Resp: 402971

Ion Ratio Lower Upper

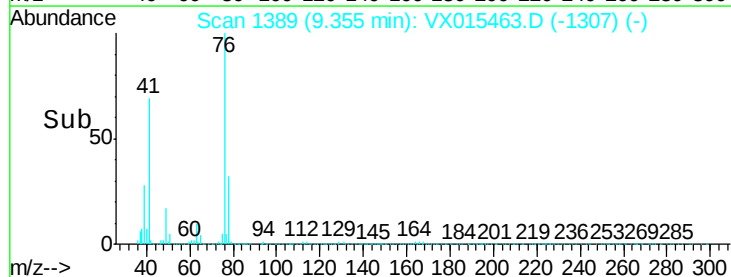
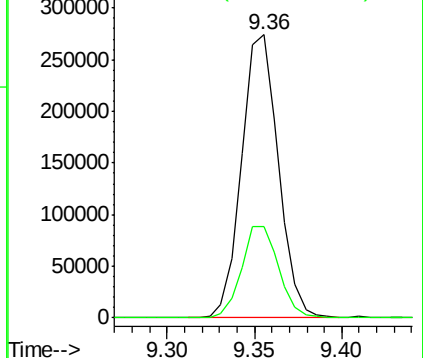
76 100

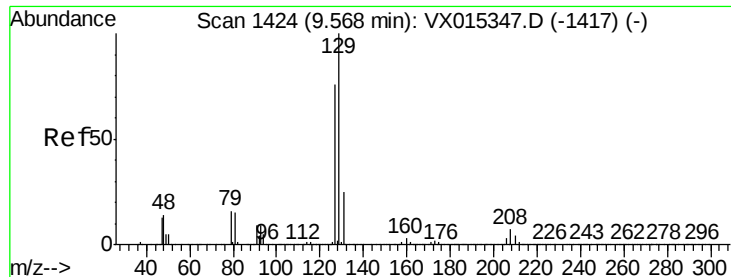
78 32.5 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.989 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

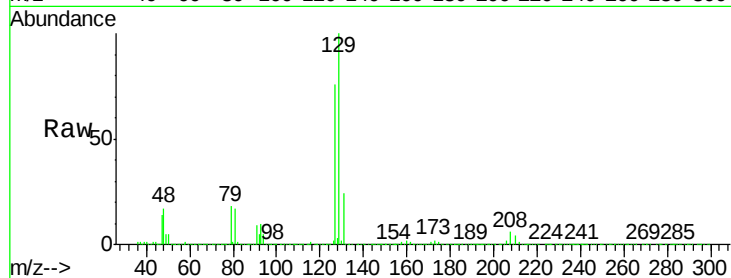
VX0401WBSD01

Tot Ion:129 Resp: 269653

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

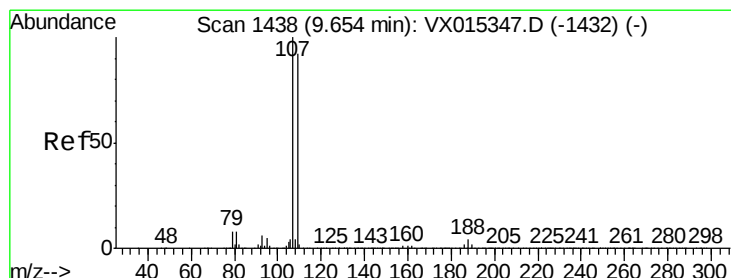
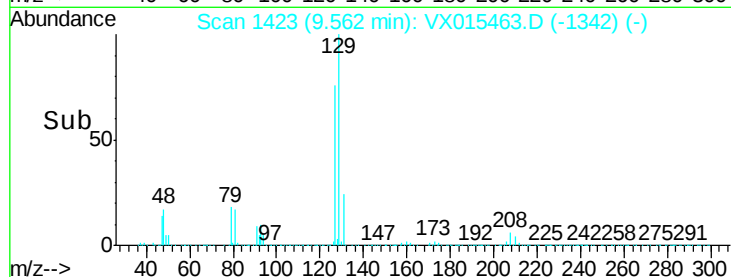
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.794 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015463.D

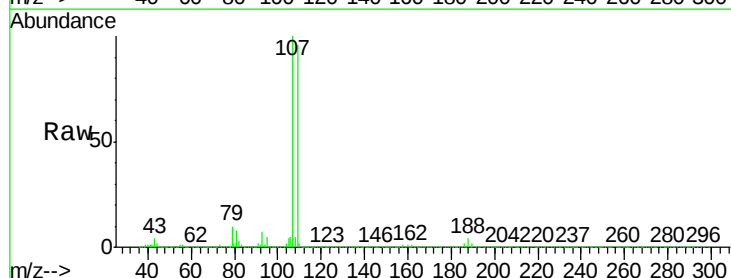
Acq: 01 Apr 2020 13:24

Tgt Ion:107 Resp: 244666

Ion Ratio Lower Upper

107 100

109 94.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

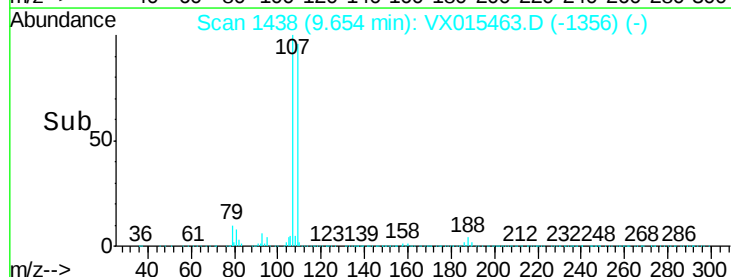
150000

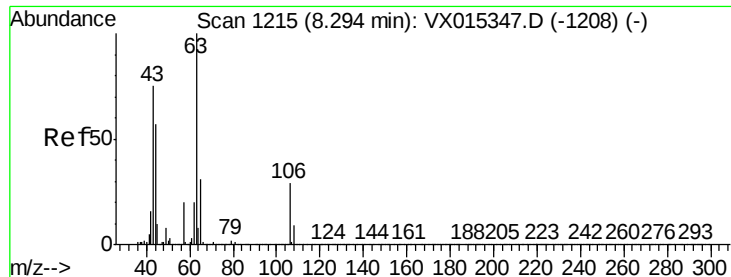
100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75





#55

2-Chloroethyl vinyl ether

Concen: 104.879 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

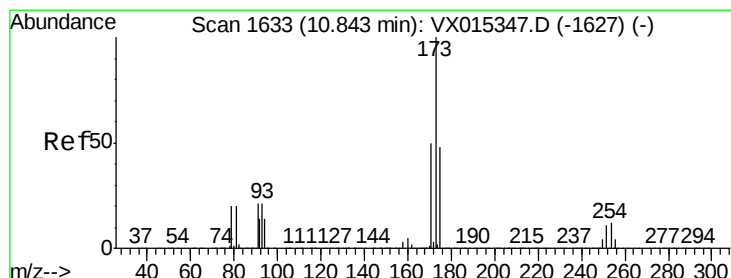
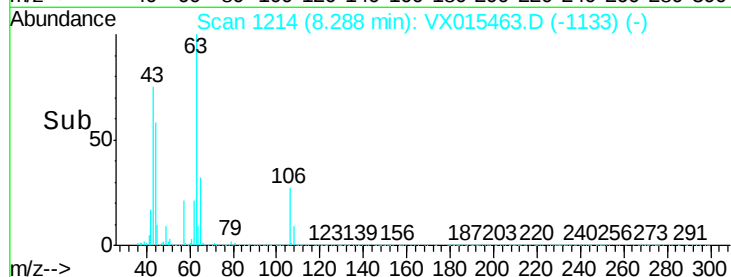
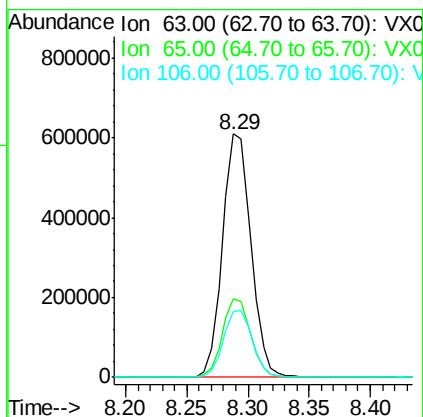
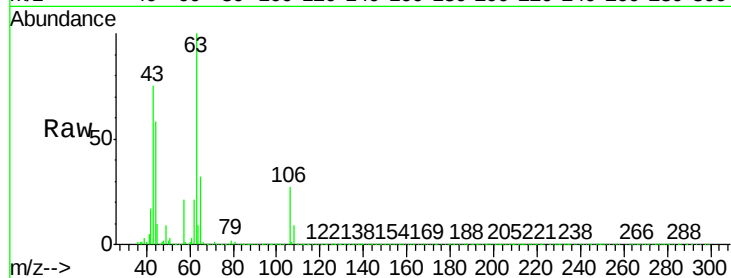
Tot Ion: 63 Resp: 981394

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3

106 27.9 23.1 34.7



#56

Bromoform

Concen: 17.328 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

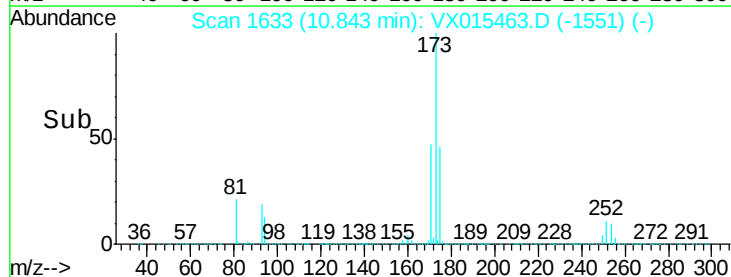
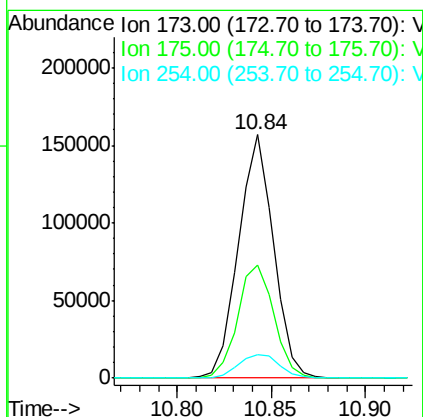
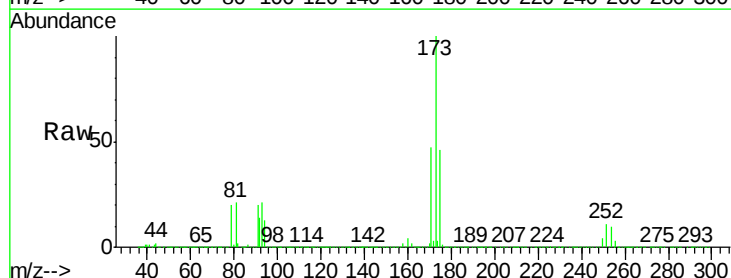
Tgt Ion: 173 Resp: 202329

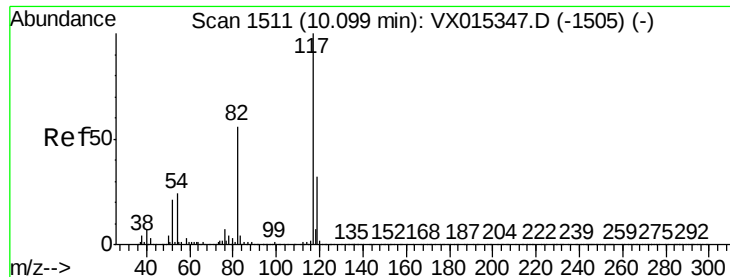
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 11.2 9.4 14.2

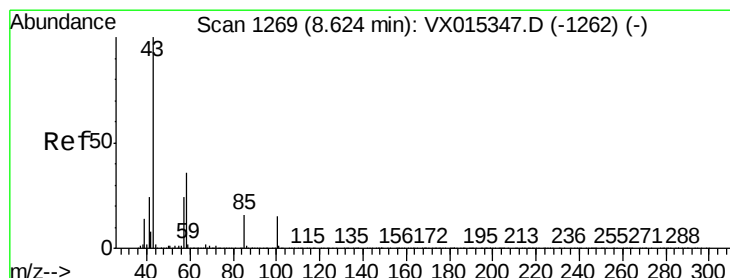
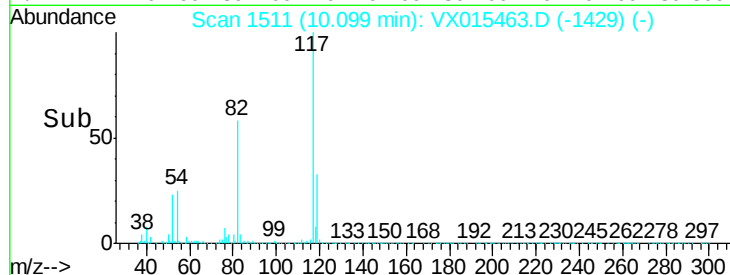
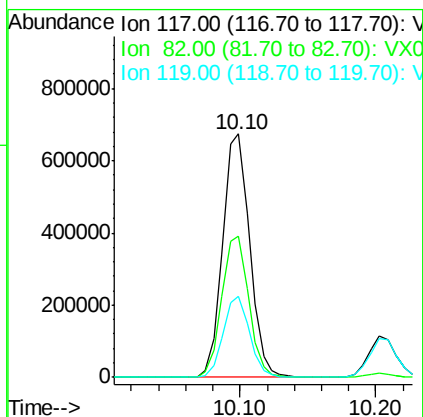
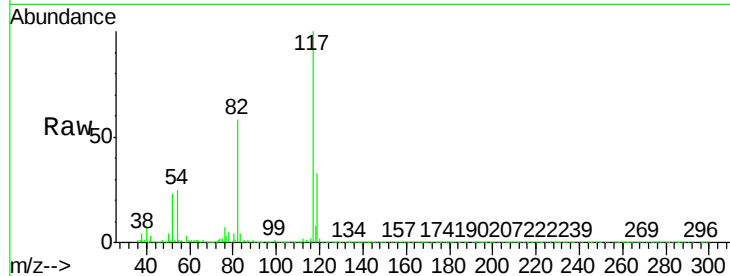




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

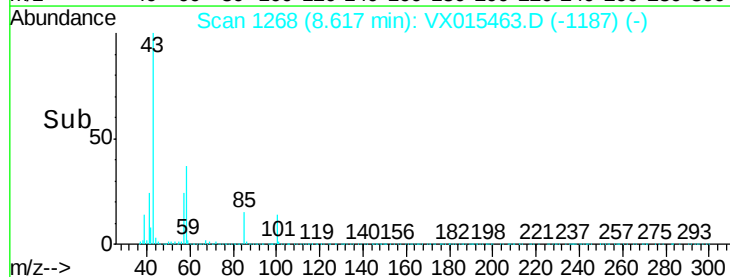
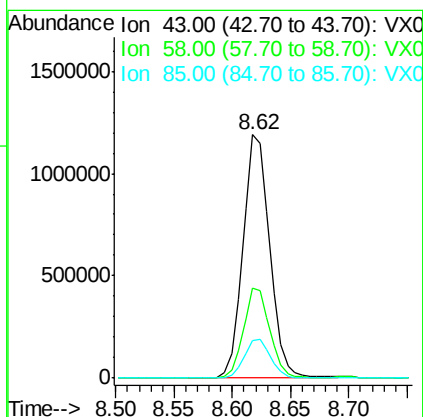
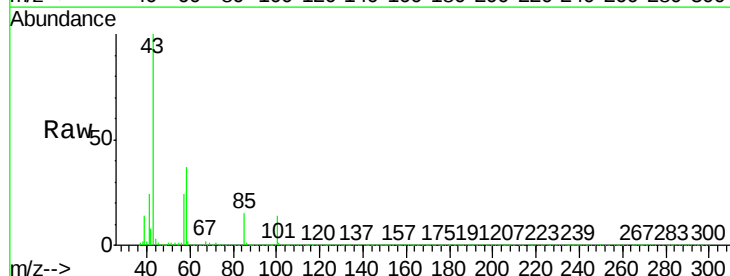
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

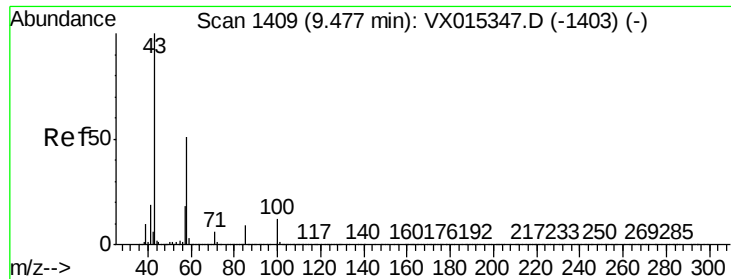
Tot Ion:117 Resp: 930248
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.6
119 32.6 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 107.414 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 43 Resp: 1912377
Ion Ratio Lower Upper
43 100
58 36.3 29.4 44.0
85 15.8 13.0 19.4

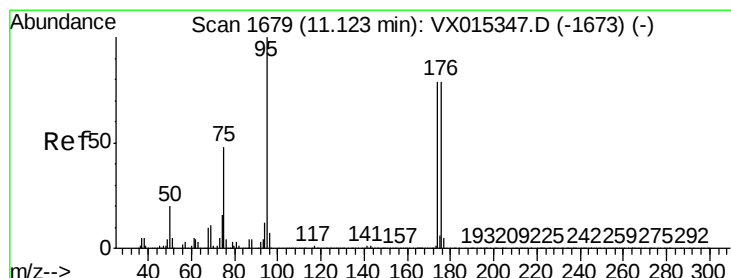
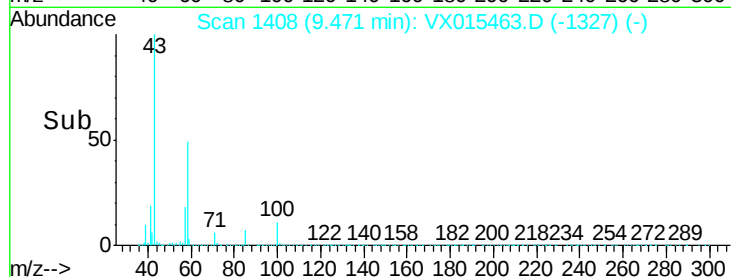
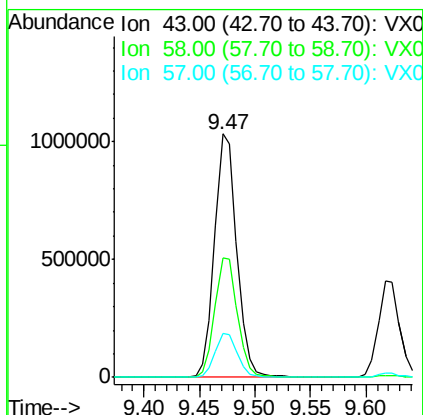
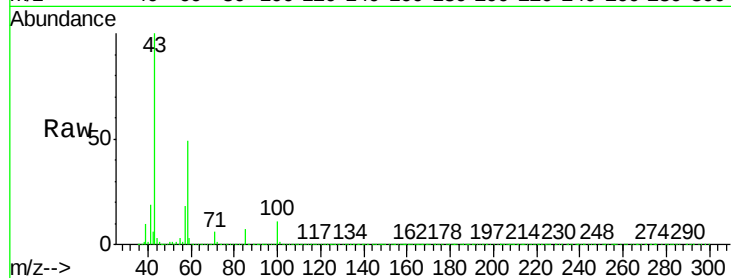




#59
2-Hexanone
Concen: 105.687 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

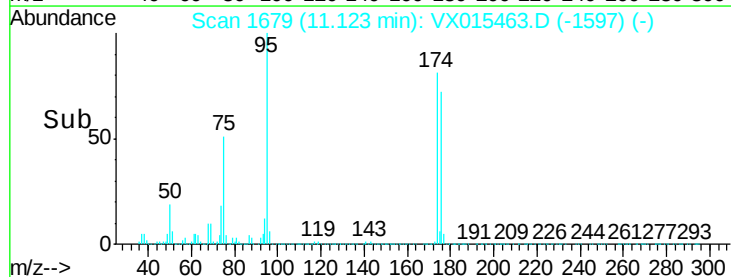
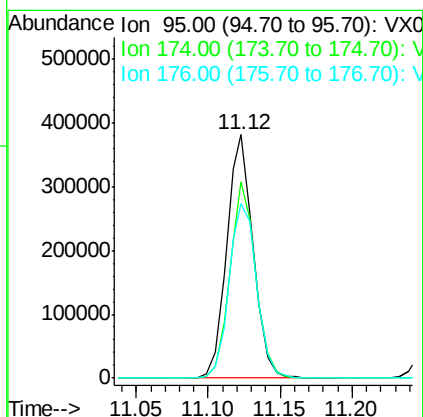
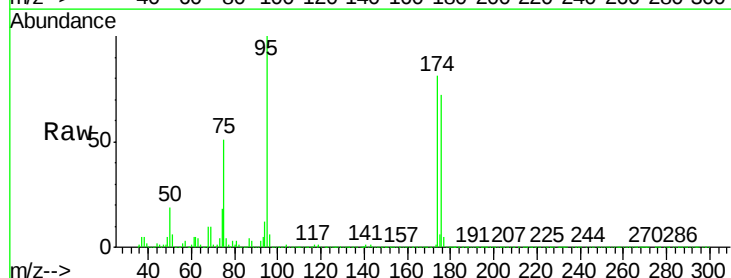
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

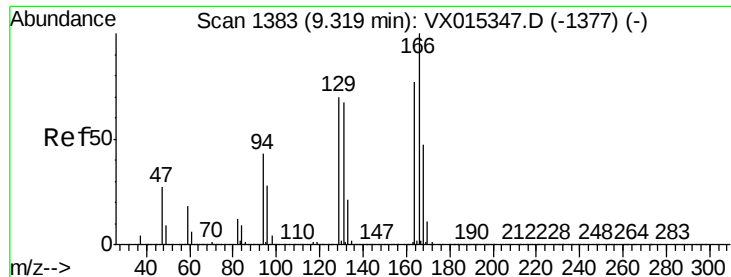
Tot Ion: 43 Resp: 1431478
Ion Ratio Lower Upper
43 100
58 50.2 40.2 60.4
57 18.2 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.791 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 95 Resp: 490199
Ion Ratio Lower Upper
95 100
174 78.0 66.4 99.6
176 75.0 64.1 96.1





#61

Tetrachloroethene

Concen: 19.681 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

Tot Ion:164 Resp: 235324

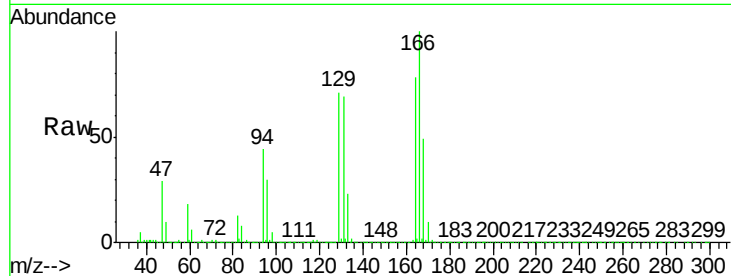
Ion Ratio Lower Upper

164 100

166 127.9 103.6 155.4

129 90.7 72.6 108.8

131 88.5 69.8 104.6

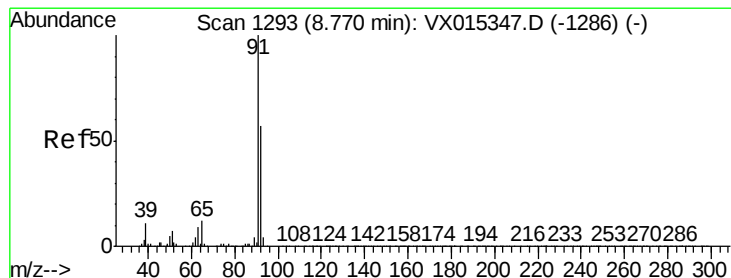
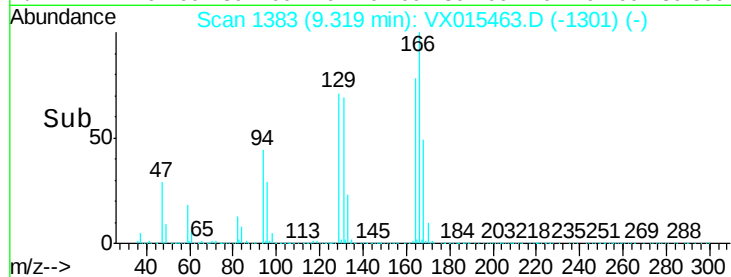
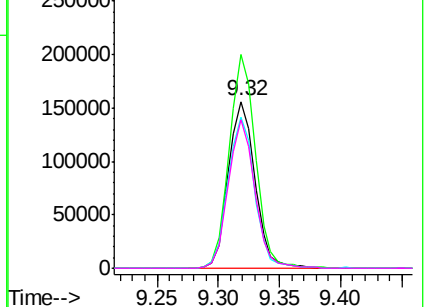


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.114 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015463.D

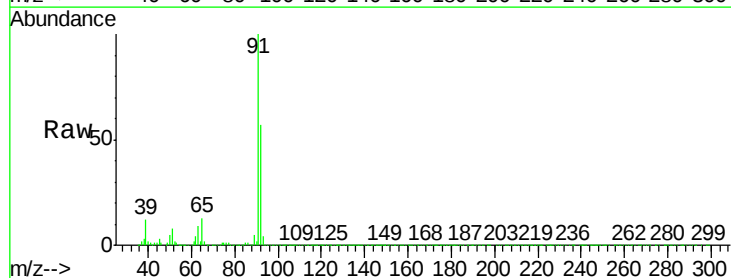
Acq: 01 Apr 2020 13:24

Tgt Ion: 91 Resp: 947718

Ion Ratio Lower Upper

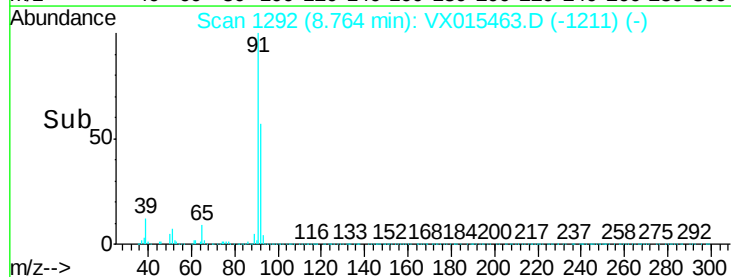
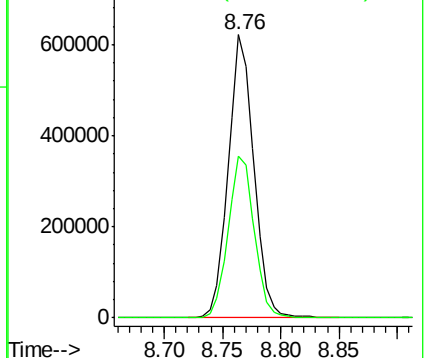
91 100

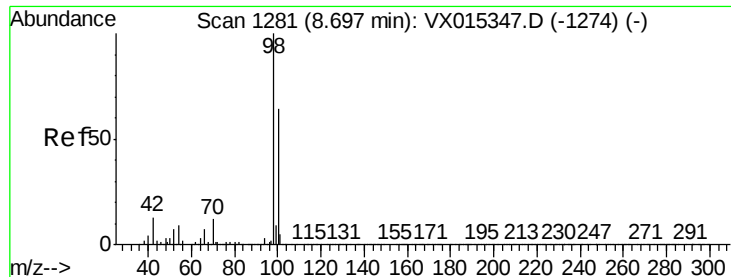
92 58.6 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.754 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

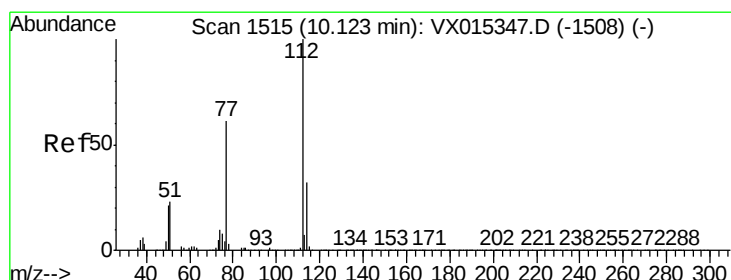
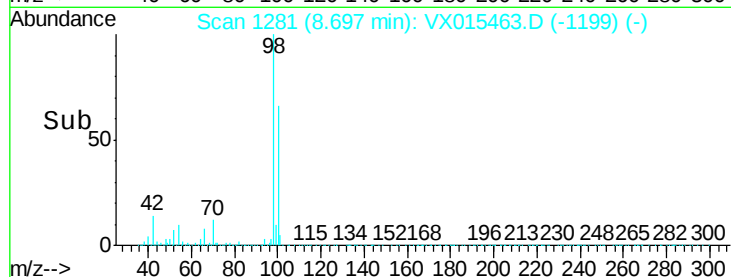
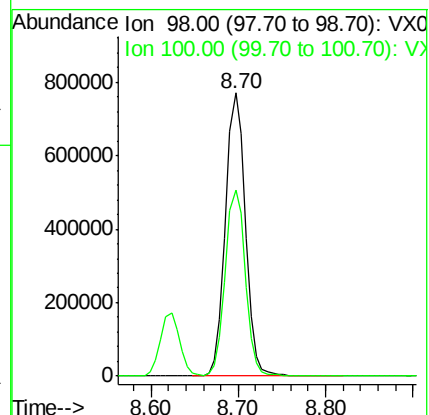
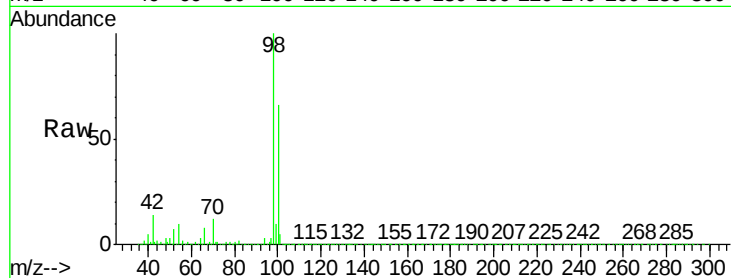
VX0401WBSD01

Tot Ion: 98 Resp: 1215497

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



#64

Chlorobenzene

Concen: 20.047 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015463.D

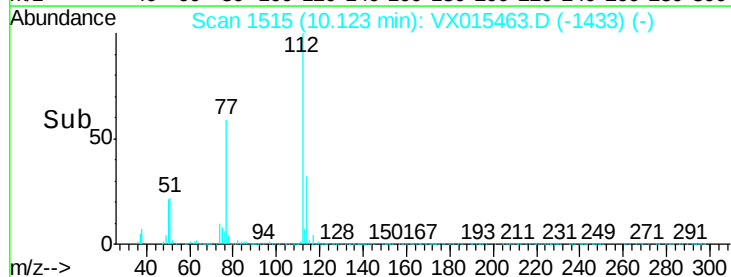
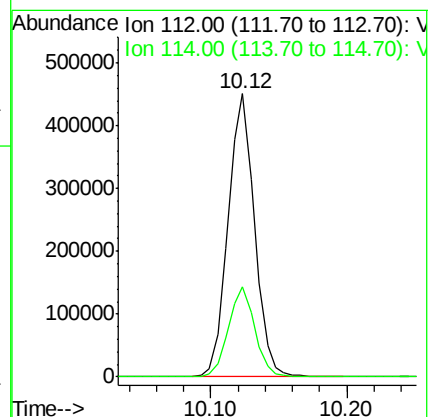
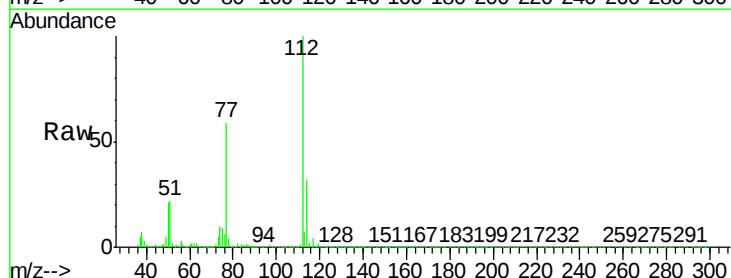
Acq: 01 Apr 2020 13:24

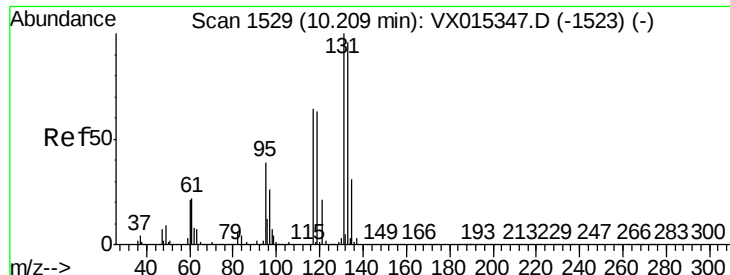
Tgt Ion: 112 Resp: 607299

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

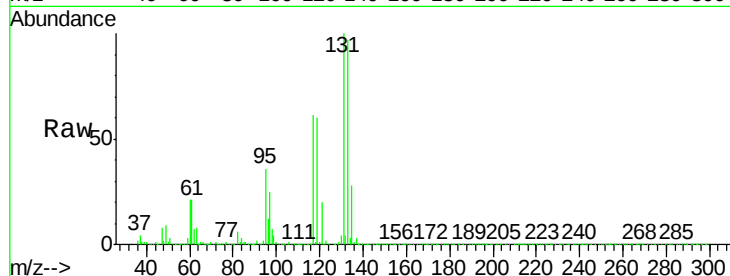
Tot Ion:131 Resp: 240212

Ion Ratio Lower Upper

131 100

133 95.0 0.0 193.6

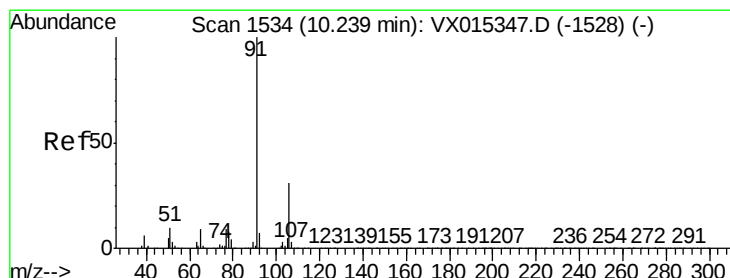
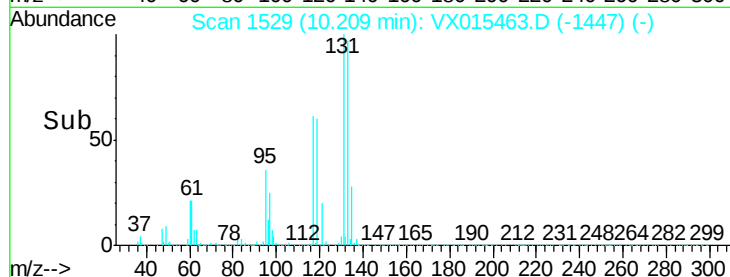
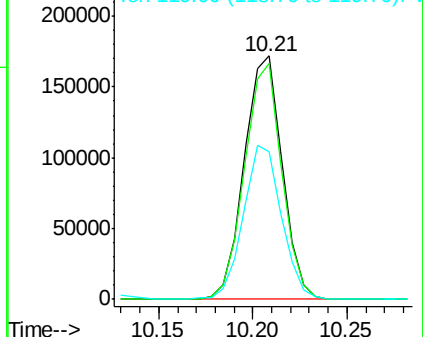
119 63.5 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.078 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015463.D

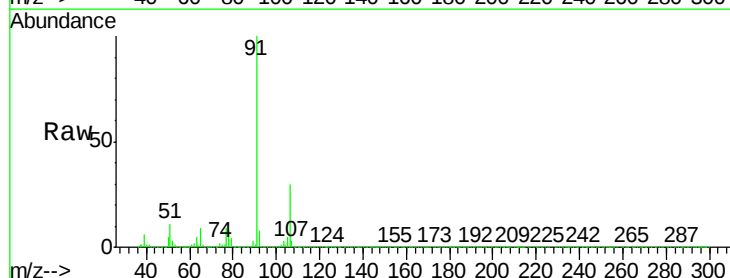
Acq: 01 Apr 2020 13:24

Tgt Ion: 91 Resp: 1080736

Ion Ratio Lower Upper

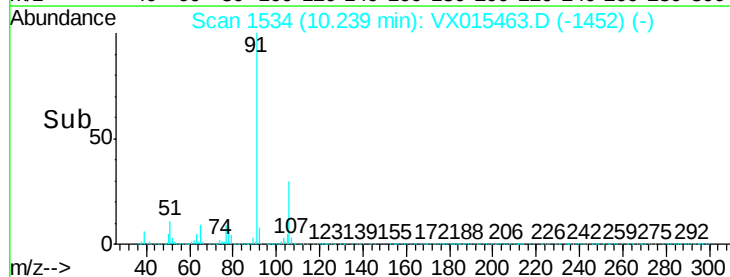
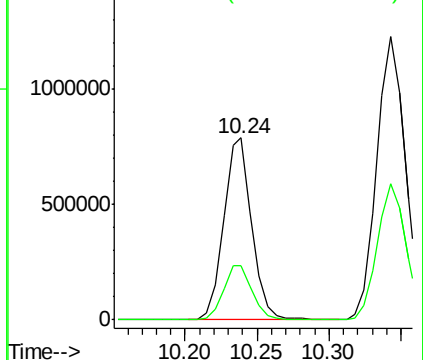
91 100

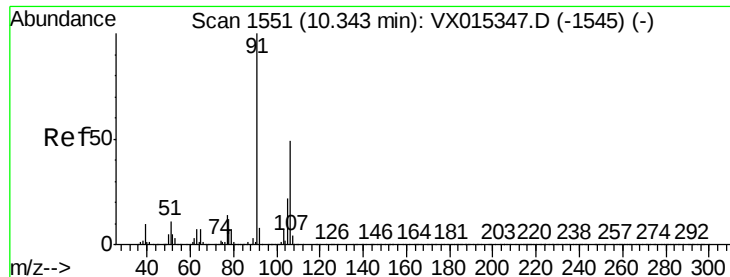
106 29.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 40.026 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

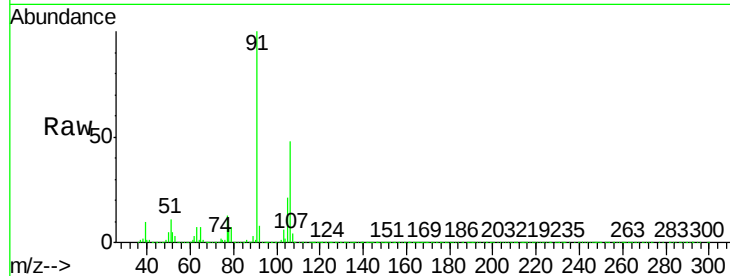
VX0401WBSD01

Tot Ion:106 Resp: 815456

Ion Ratio Lower Upper

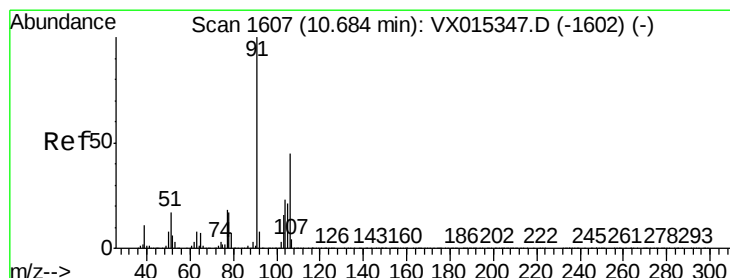
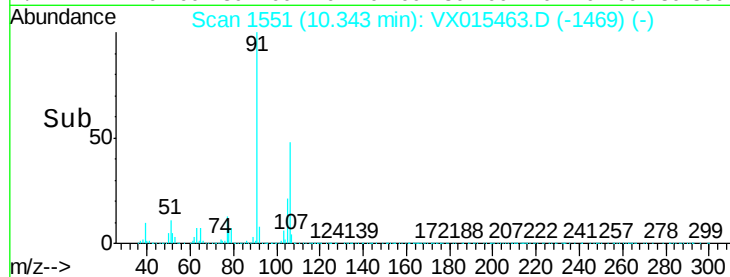
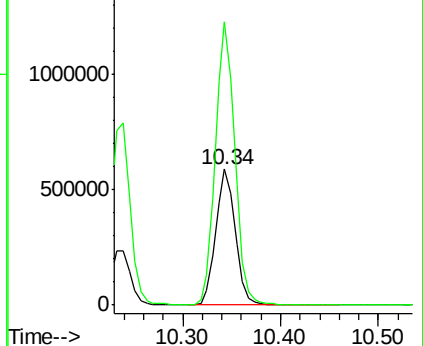
106 100

91 207.5 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.647 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015463.D

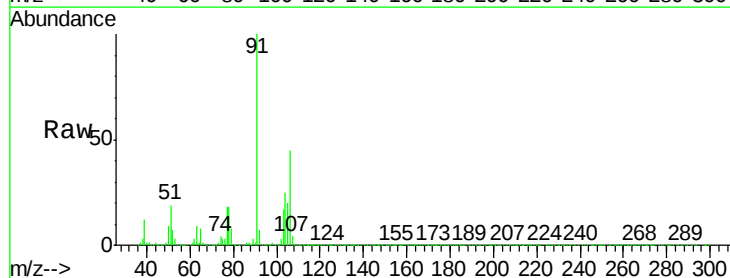
Acq: 01 Apr 2020 13:24

Tgt Ion:106 Resp: 391239

Ion Ratio Lower Upper

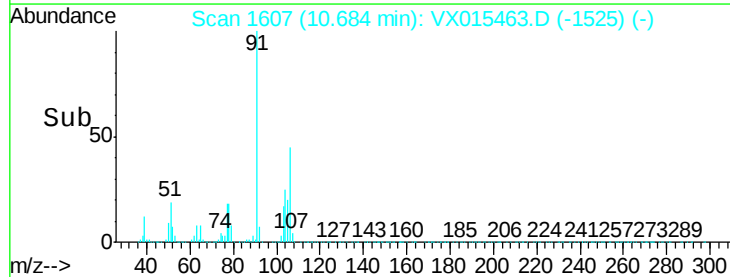
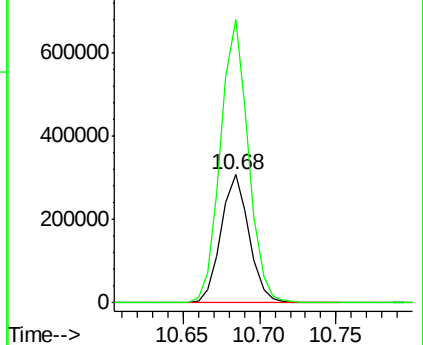
106 100

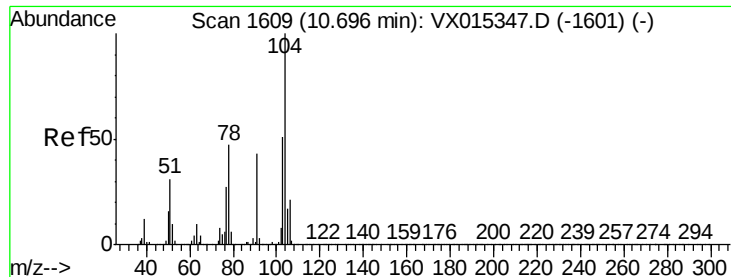
91 219.1 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

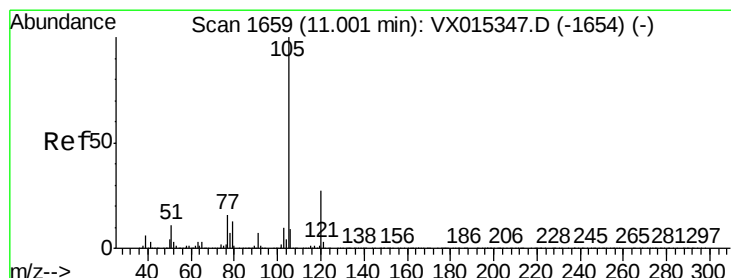
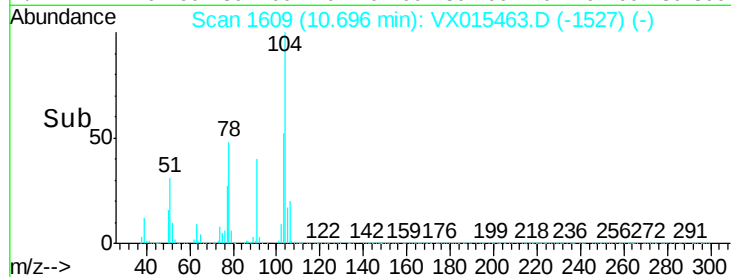
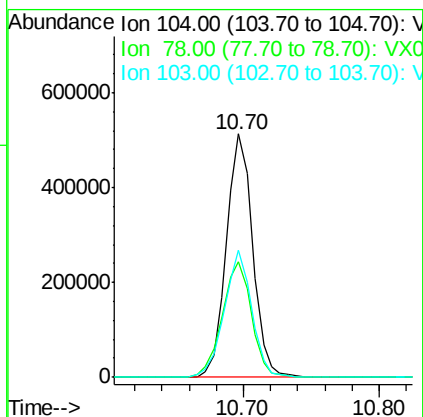
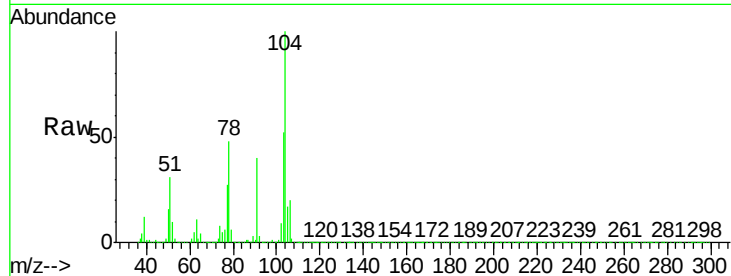




#69
Stvrene
Concen: 19.856 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

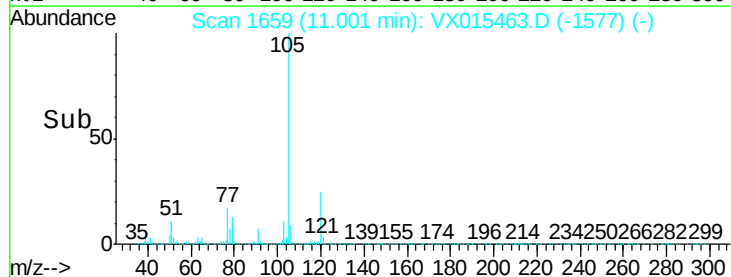
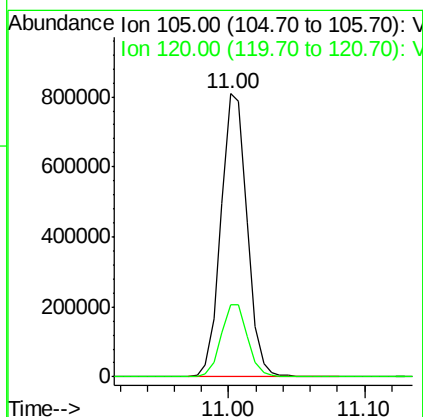
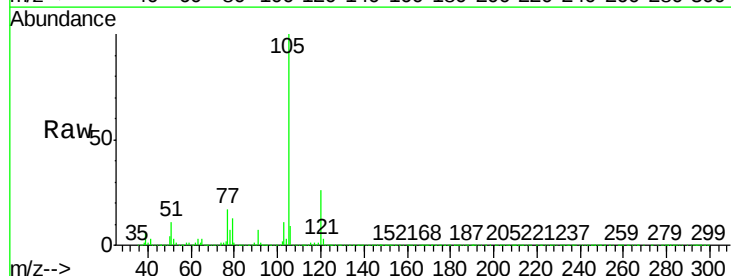
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

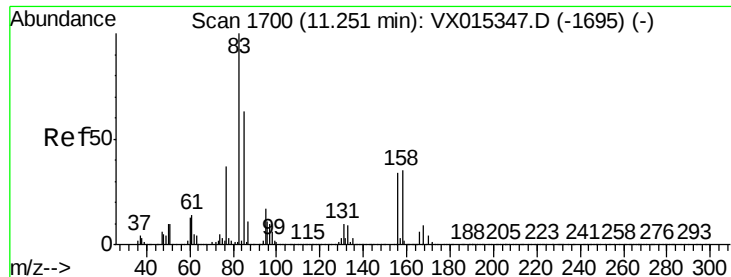
Tot Ion:104 Resp: 688879
Ion Ratio Lower Upper
104 100
78 52.7 41.5 62.3
103 54.1 43.4 65.2



#70
Isopropylbenzene
Concen: 20.338 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion:105 Resp: 1073676
Ion Ratio Lower Upper
105 100
120 26.1 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.406 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

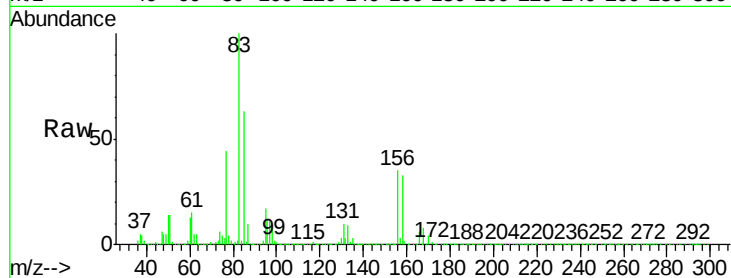
Tot Ion: 83 Resp: 349160

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.9

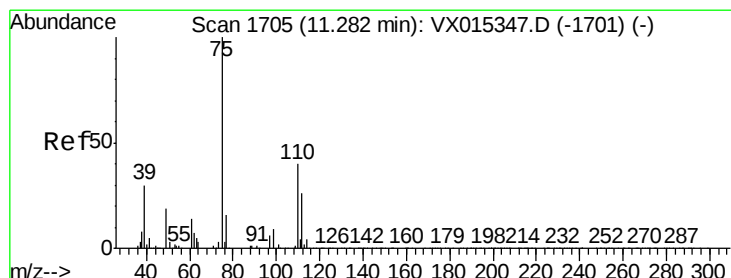
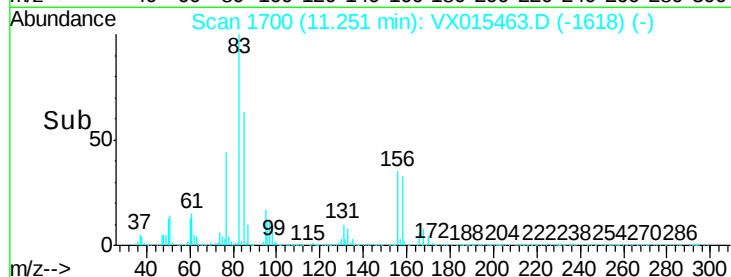
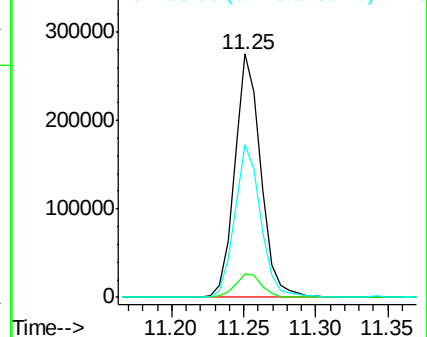
85 63.1 32.0 96.2



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: 20.909 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015463.D

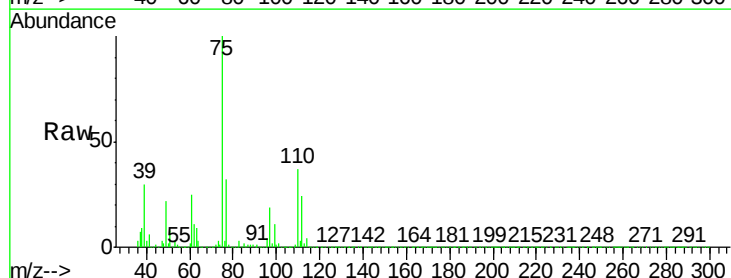
Acq: 01 Apr 2020 13:24

Tgt Ion: 75 Resp: 334755

Ion Ratio Lower Upper

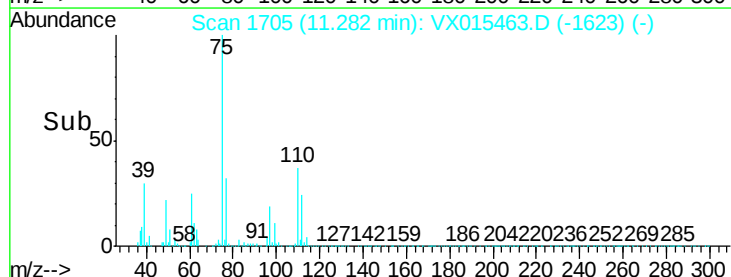
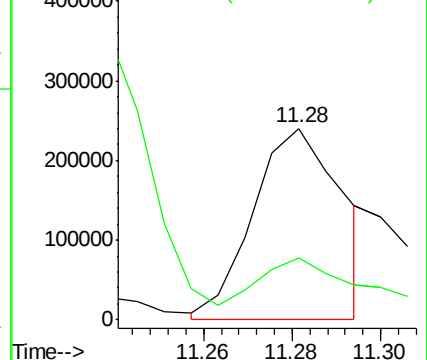
75 100

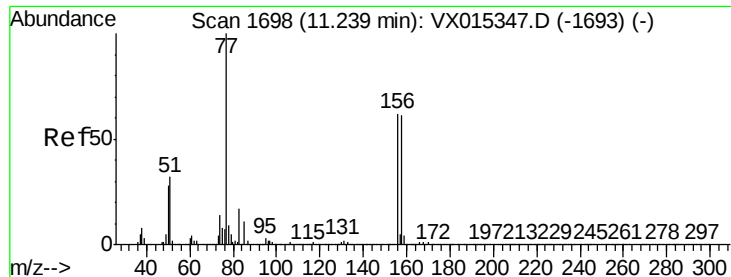
77 40.2 0.0 80.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.008 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

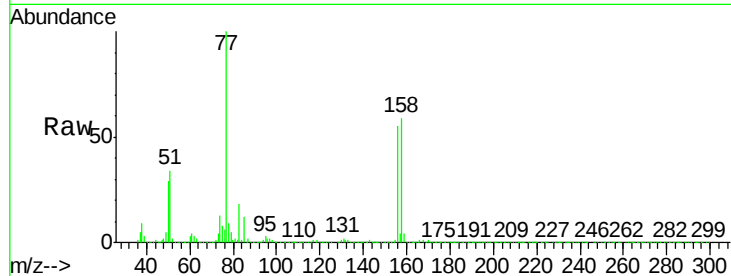
Tot Ion:156 Resp: 269362

Ion Ratio Lower Upper

156 100

77 167.9 0.0 324.4

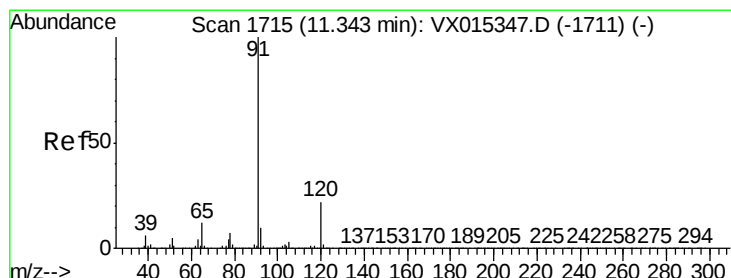
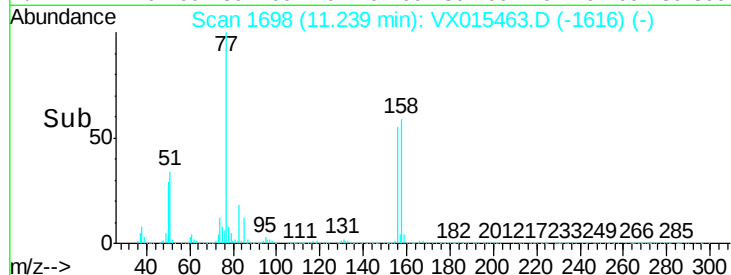
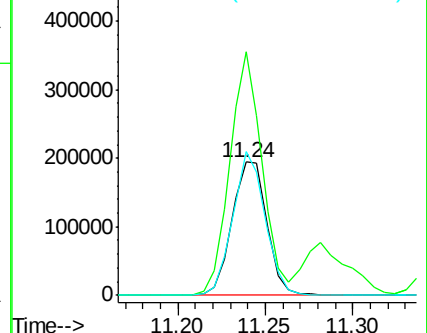
158 100.0 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.686 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015463.D

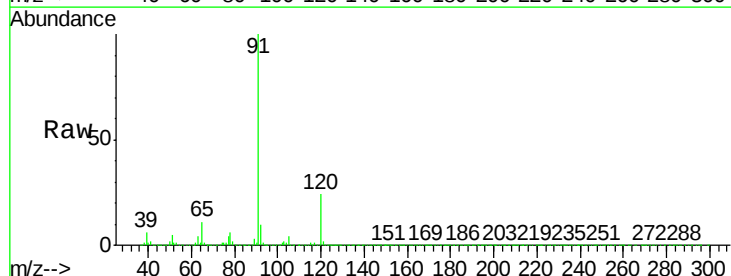
Acq: 01 Apr 2020 13:24

Tgt Ion: 91 Resp: 1252542

Ion Ratio Lower Upper

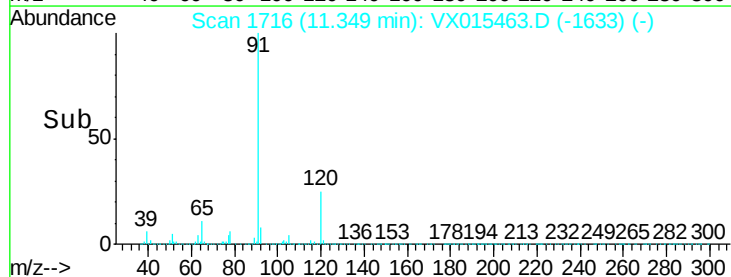
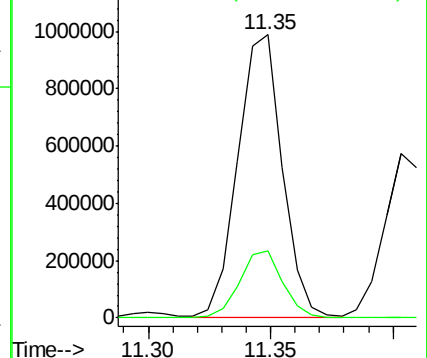
91 100

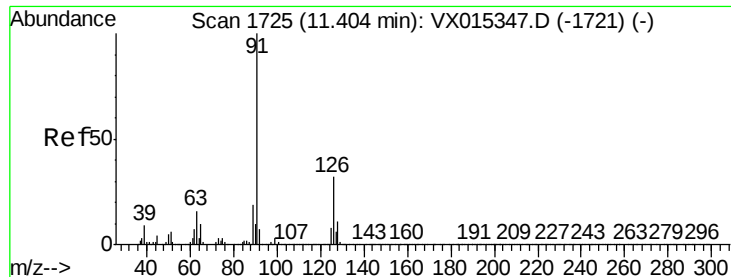
120 23.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.173 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

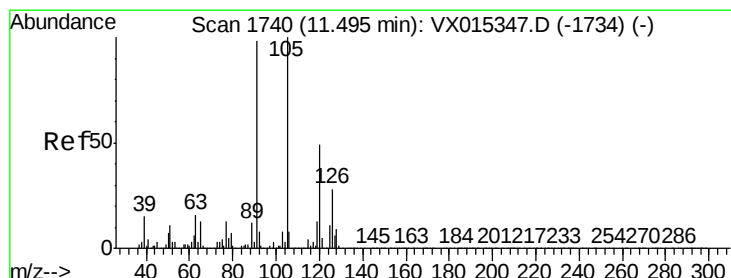
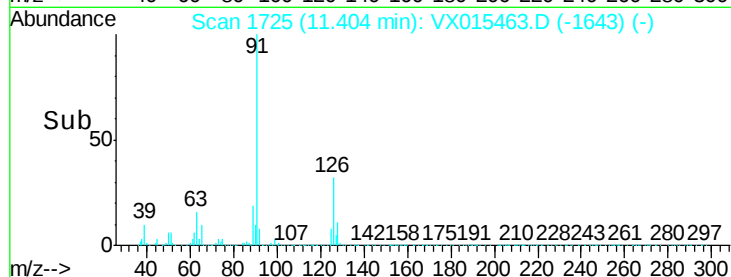
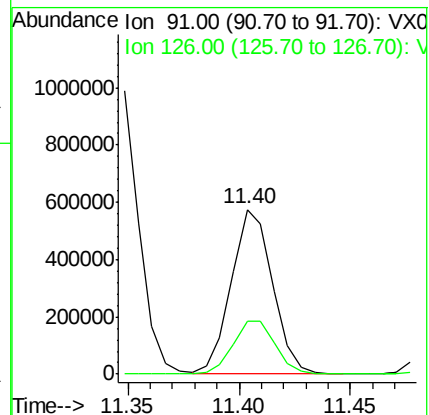
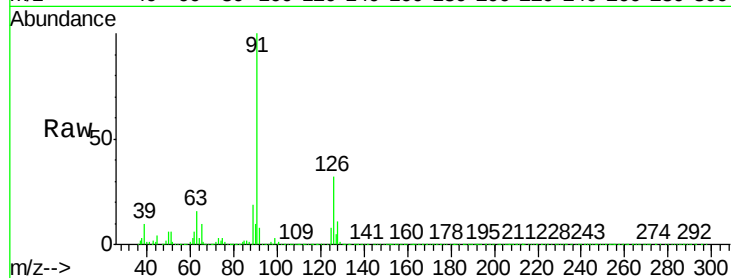
VX0401WBSD01

Tot Ion: 91 Resp: 742908

Ion Ratio Lower Upper

91 100

126 33.1 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 20.261 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015463.D

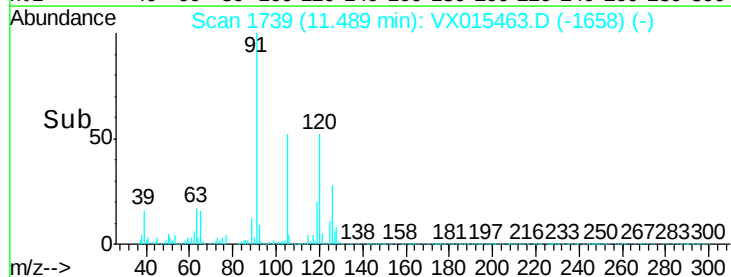
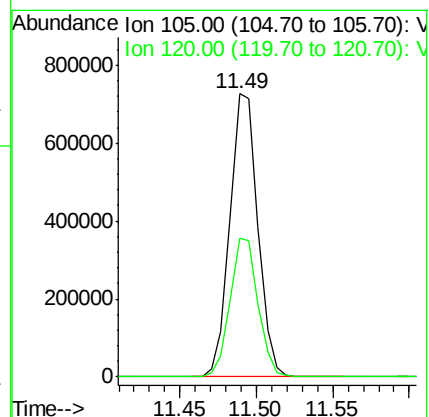
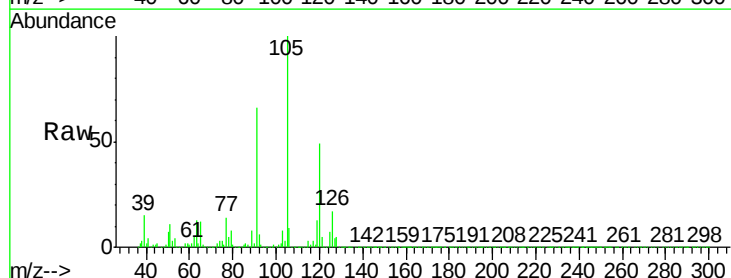
Acq: 01 Apr 2020 13:24

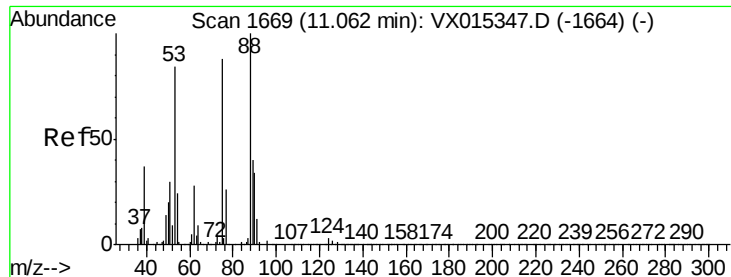
Tgt Ion: 105 Resp: 918541

Ion Ratio Lower Upper

105 100

120 48.8 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.703 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

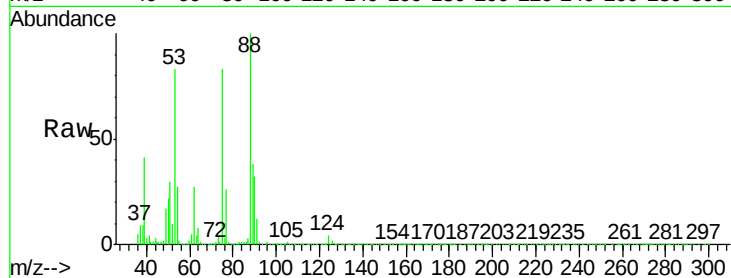
Tot Ion: 75 Resp: 129039

Ion Ratio Lower Upper

75 100

53 99.9 47.5 142.6

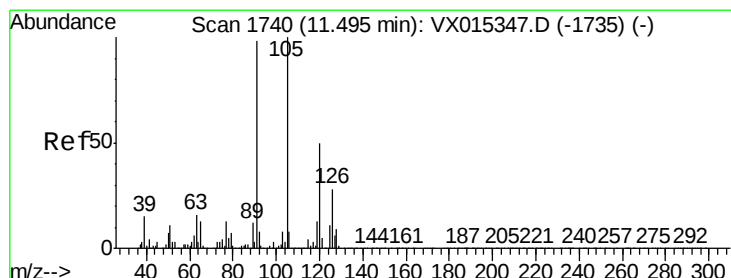
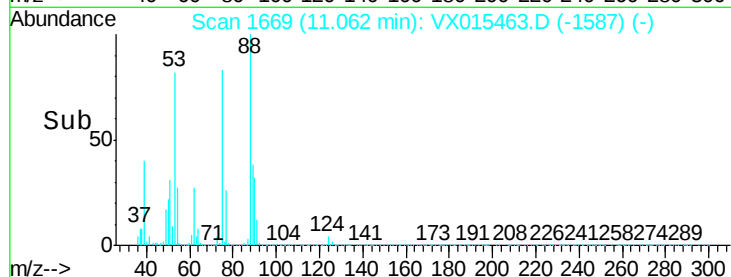
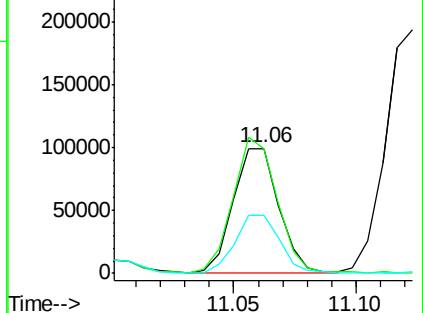
89 46.4 22.8 68.3



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: 20.511 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015463.D

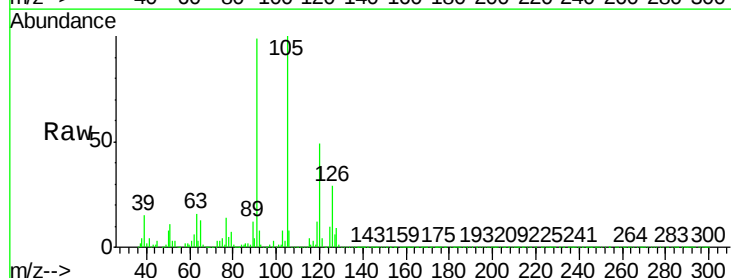
Acq: 01 Apr 2020 13:24

Tgt Ion: 91 Resp: 873870

Ion Ratio Lower Upper

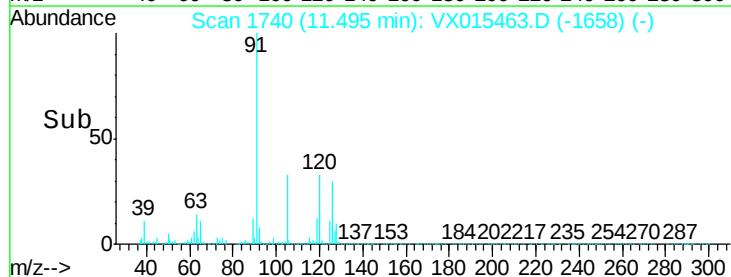
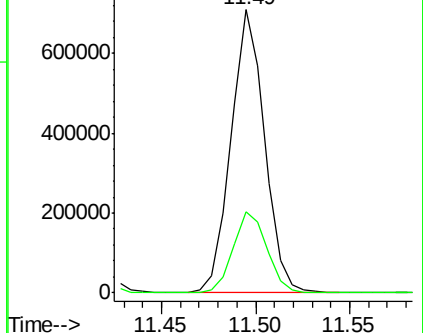
91 100

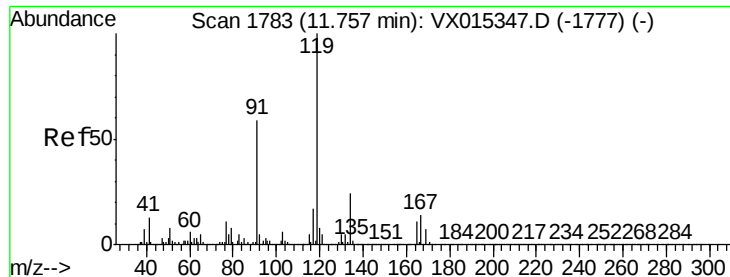
126 29.1 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

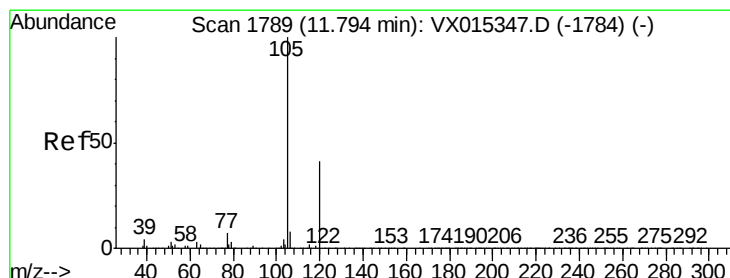
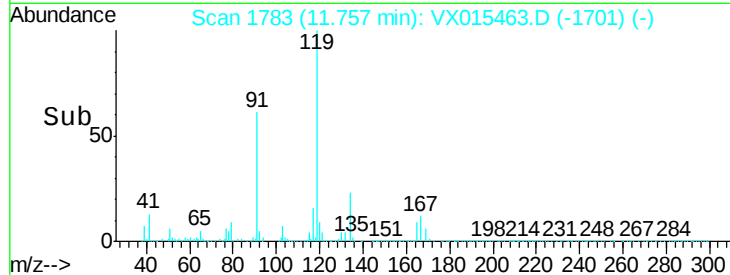
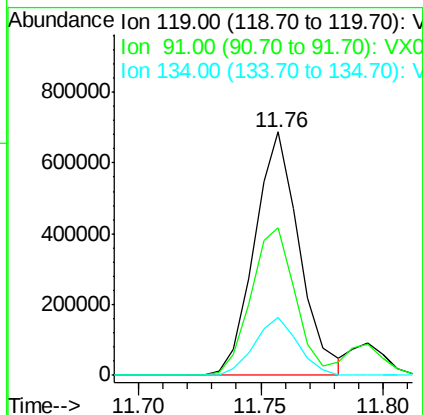
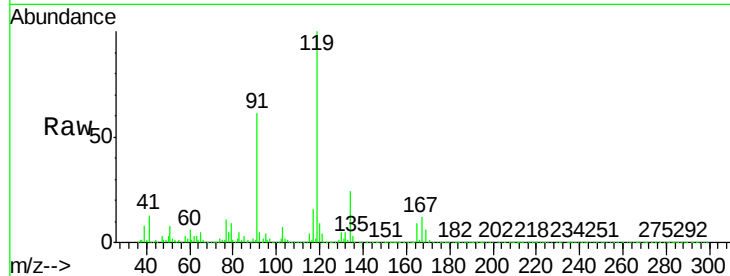




#79
tert-butylbenzene
Concen: 19.417 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

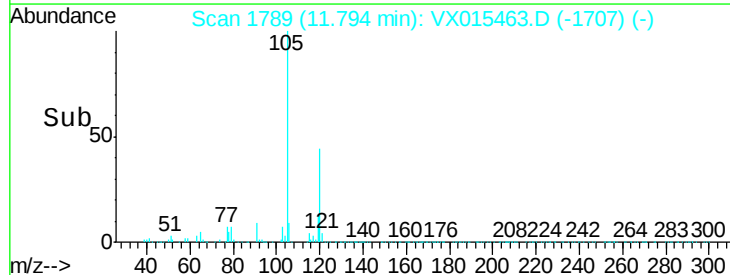
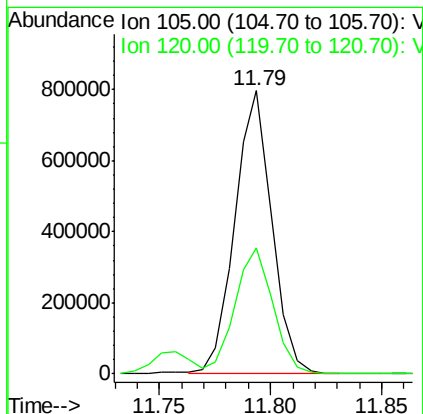
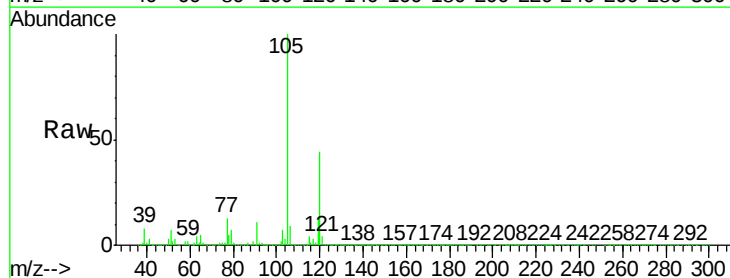
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

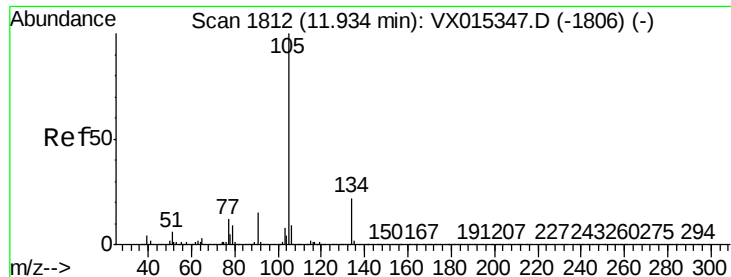
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	0.0	115.8
134	23.0	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 20.017 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	91.0





#81

sec-Butylbenzene

Concen: 20.234 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

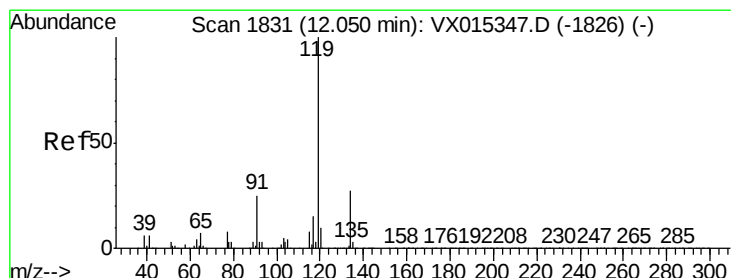
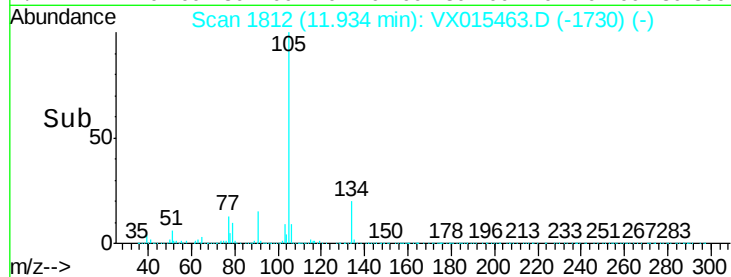
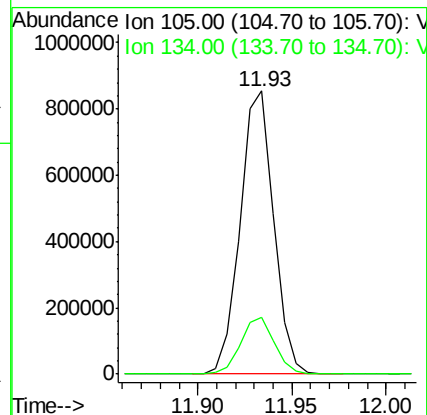
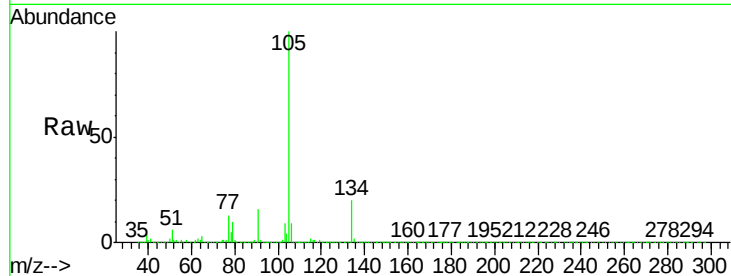
VX0401WBSD01

Tot Ion:105 Resp: 1051690

Ion Ratio Lower Upper

105 100

134 20.0 0.0 41.6



#82

p-Isopropyltoluene

Concen: 19.725 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

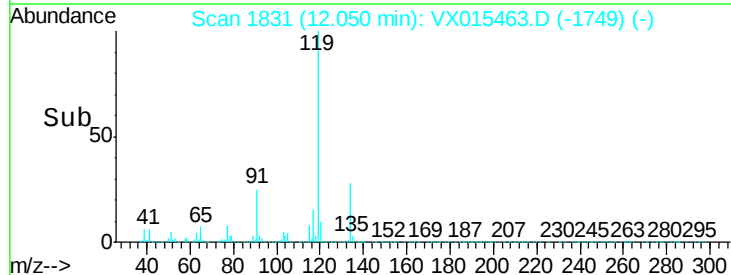
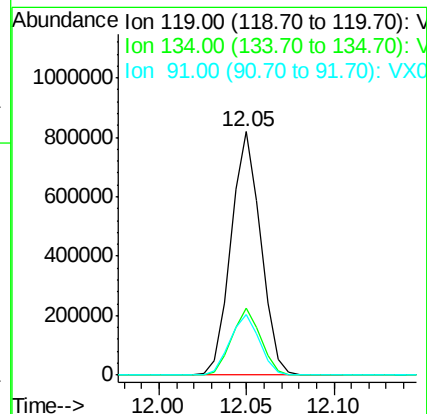
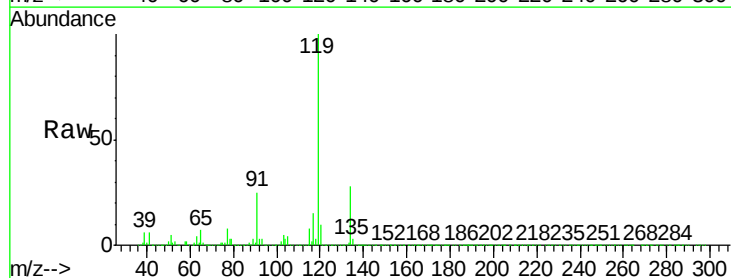
Tgt Ion:119 Resp: 966301

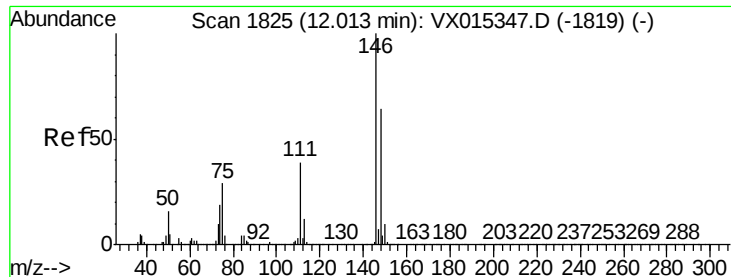
Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.2

91 24.7 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 19.276 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0401WBSD01

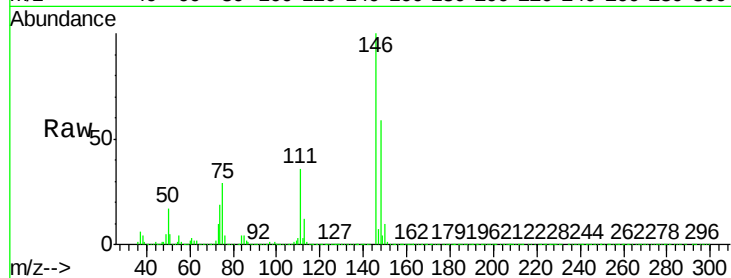
Tot Ion:146 Resp: 491182

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.2

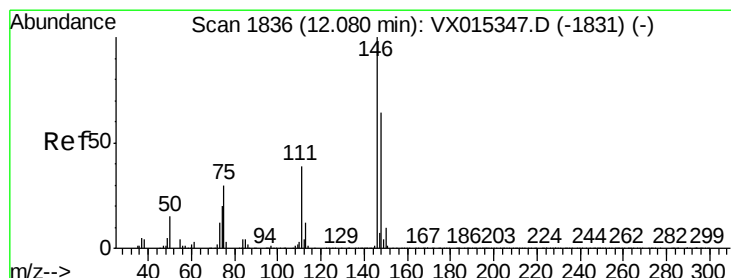
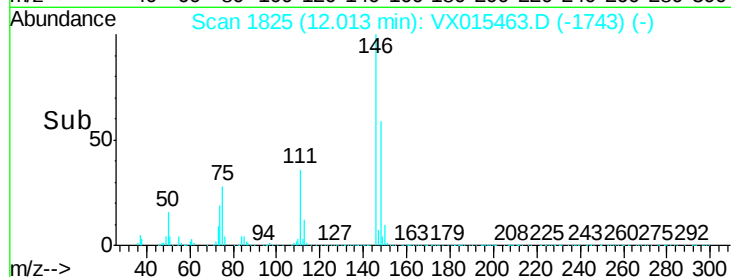
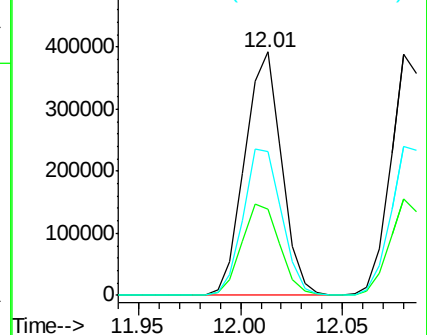
148 62.9 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.301 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX015463.D

Acq: 01 Apr 2020 13:24

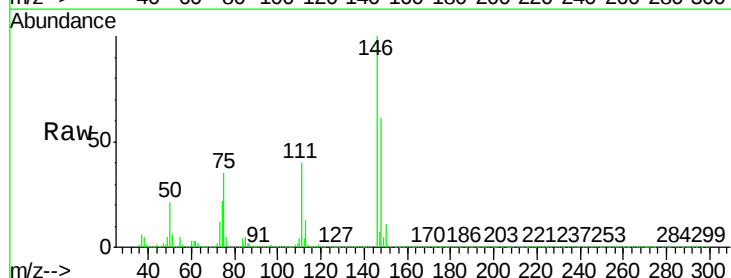
Tgt Ion:146 Resp: 490798

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.9

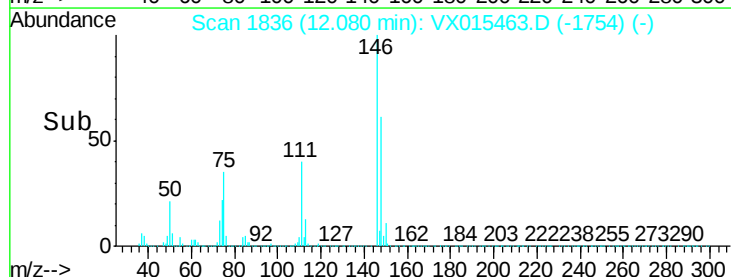
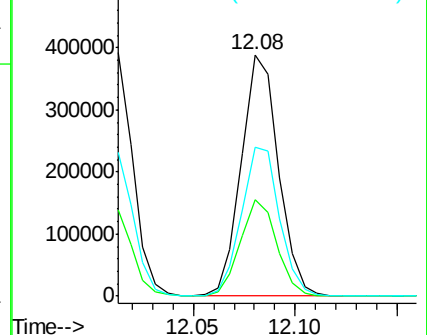
148 63.7 31.4 94.3

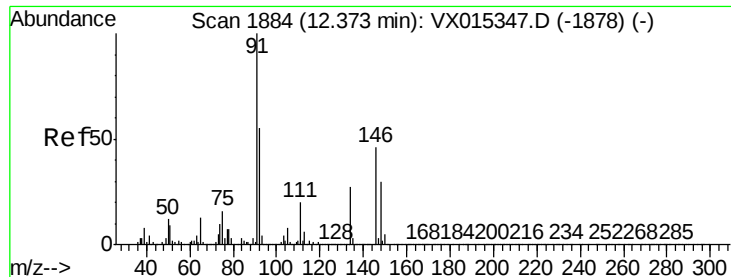


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

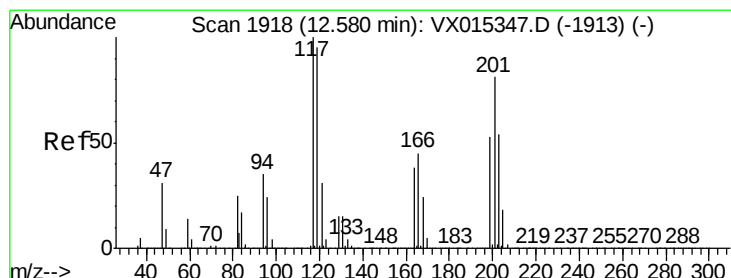
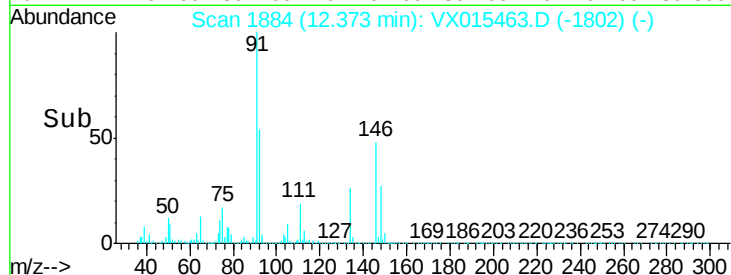
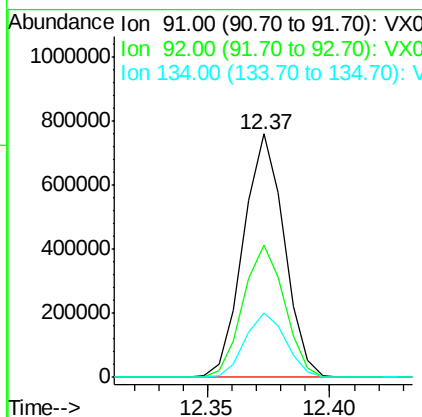
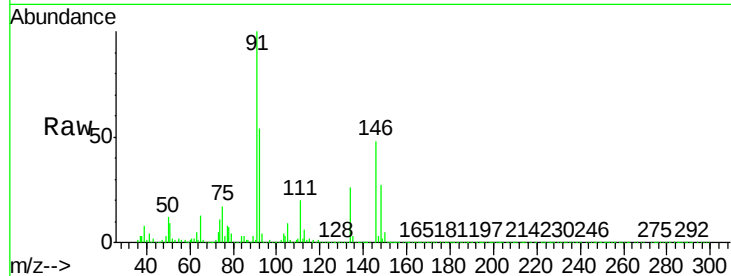




#85
n-Butylbenzene
Concen: 20.267 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

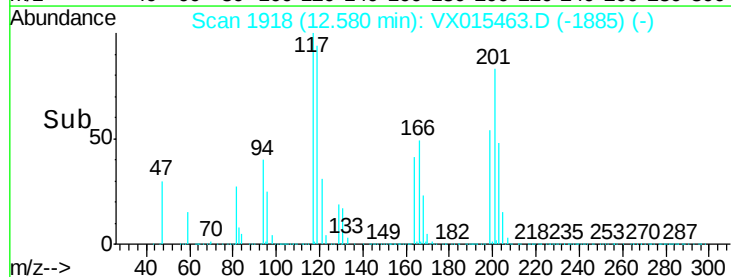
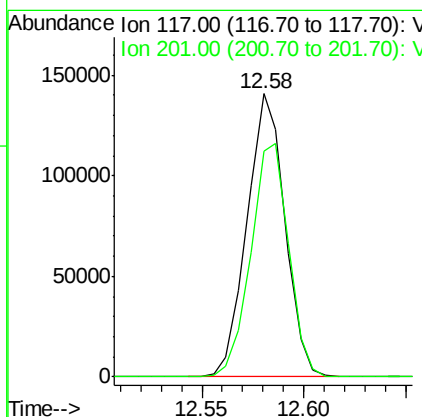
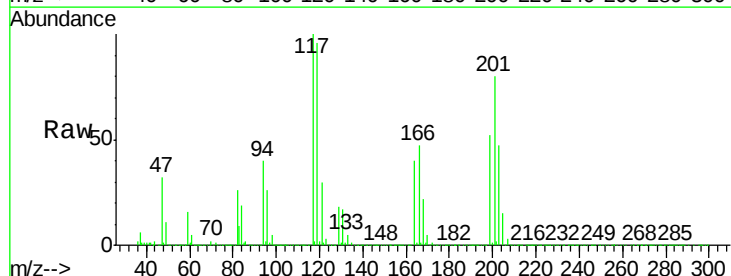
Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

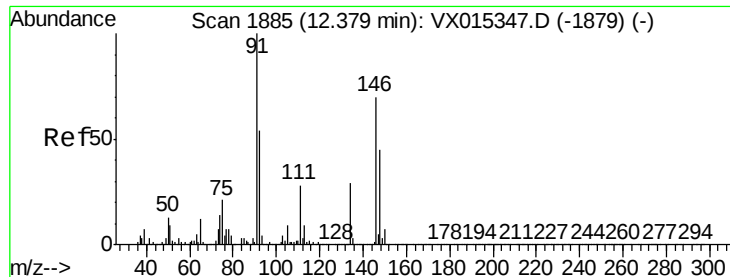
Tot Ion: 91 Resp: 884940
Ion Ratio Lower Upper
91 100
92 55.1 0.0 109.0
134 26.5 0.0 54.0



#86
Hexachloroethane
Concen: 19.171 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion: 117 Resp: 181516
Ion Ratio Lower Upper
117 100
201 82.6 44.9 134.5

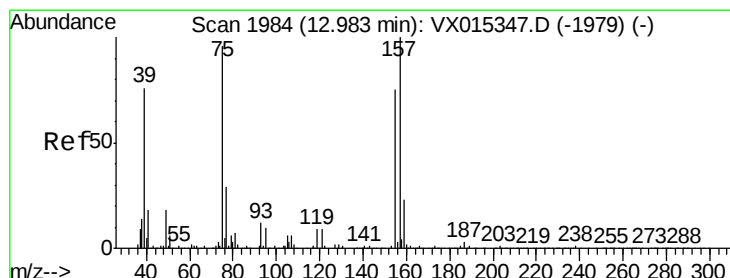
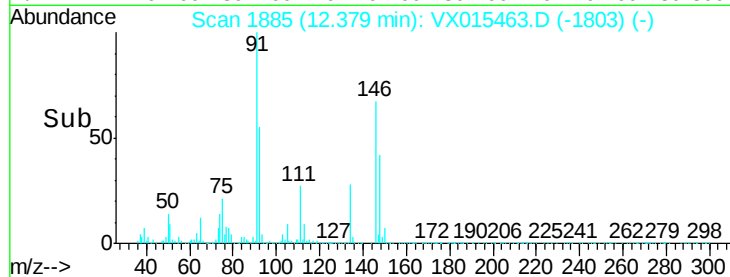
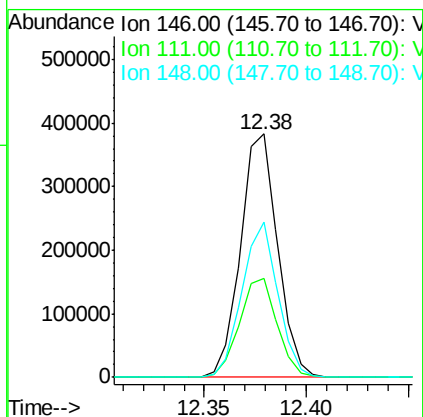
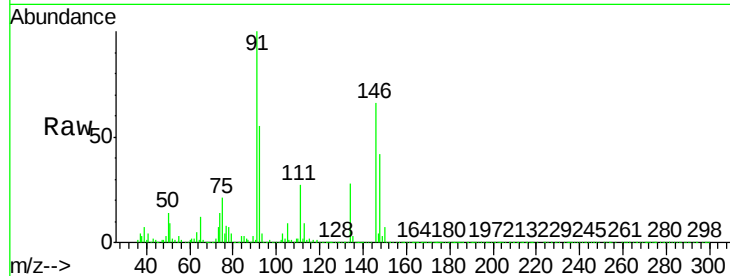




#87
 1,2-Dichlorobenzene
 Concen: 19.479 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

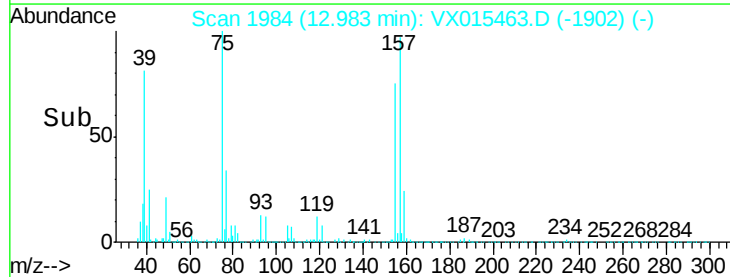
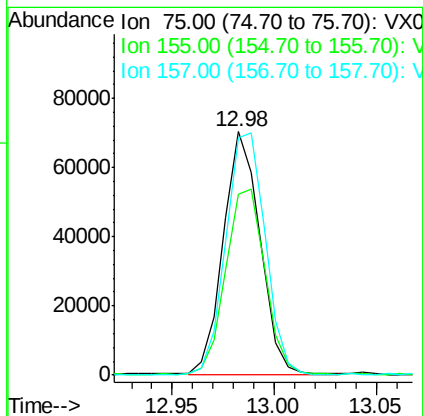
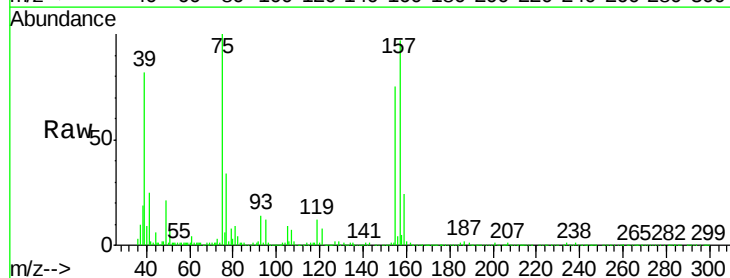
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

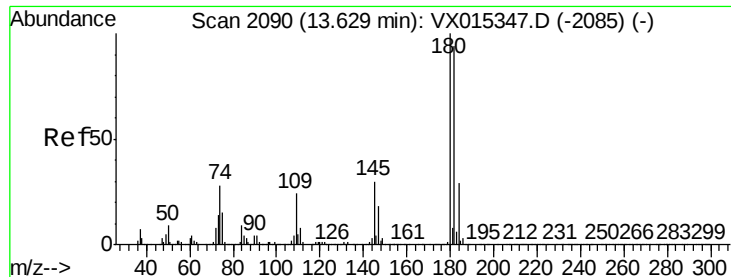
Tot Ion:146 Resp: 484245
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.2
 148 61.8 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.317 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

Tgt Ion: 75 Resp: 87058
 Ion Ratio Lower Upper
 75 100
 155 83.1 67.7 101.5
 157 107.4 88.5 132.7

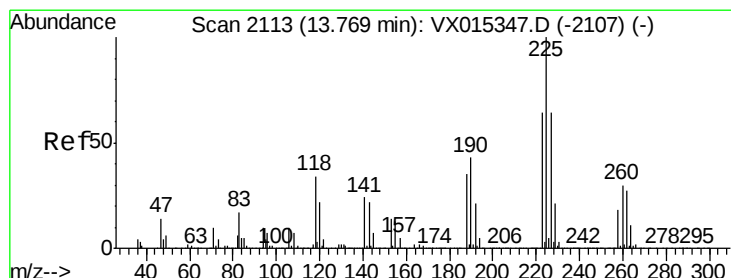
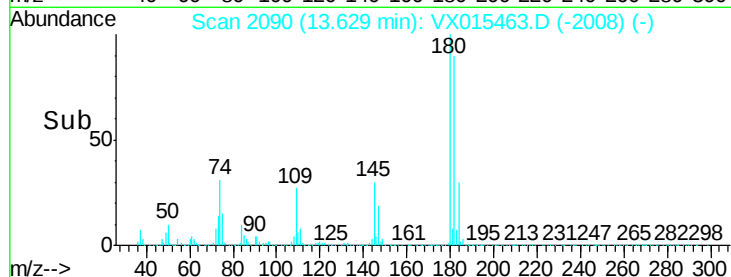
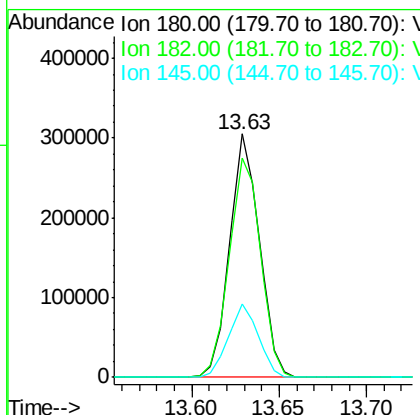
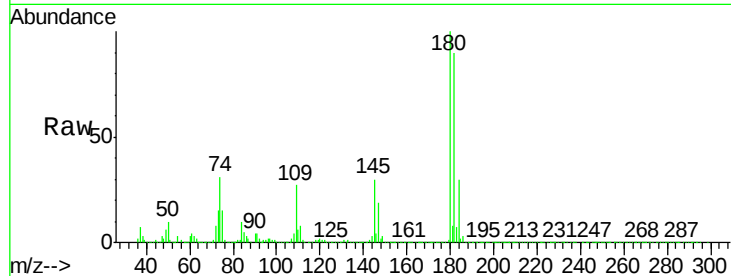




#89
 1,2,4-Trichlorobenzene
 Concen: 18.047 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

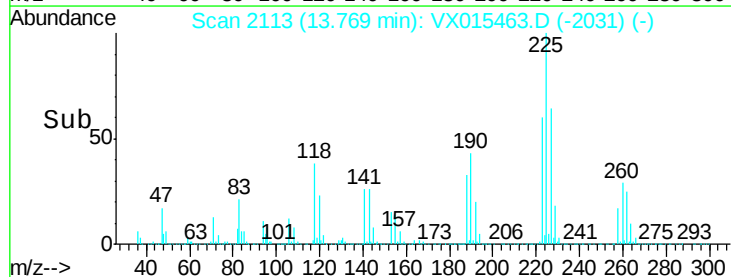
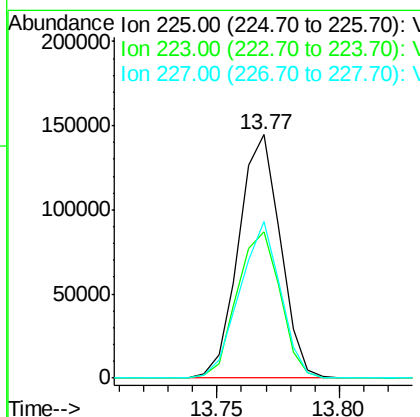
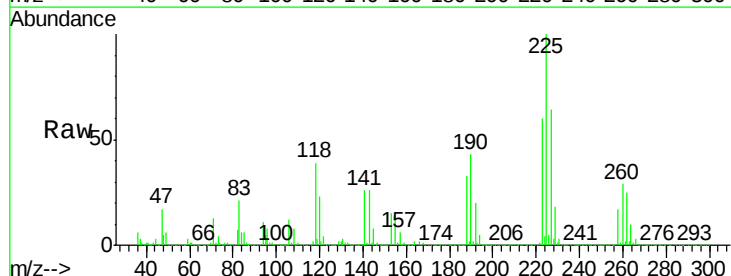
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD01

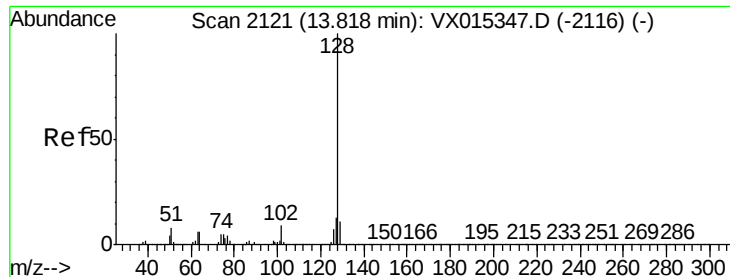
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.9	115.3
145	30.3	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 16.311 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015463.D
 Acq: 01 Apr 2020 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	127.0
227	63.0	0.0	126.8

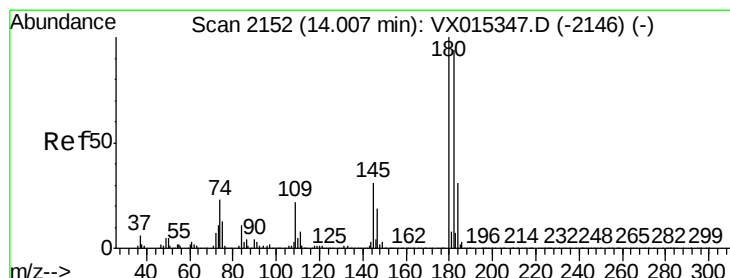
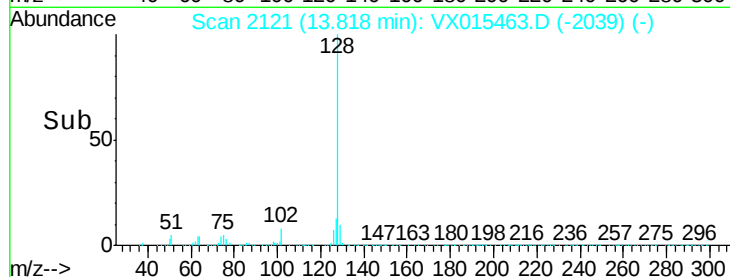
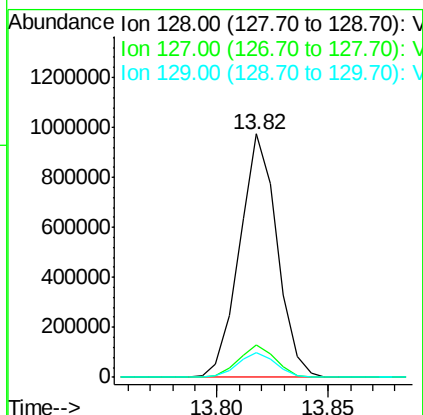
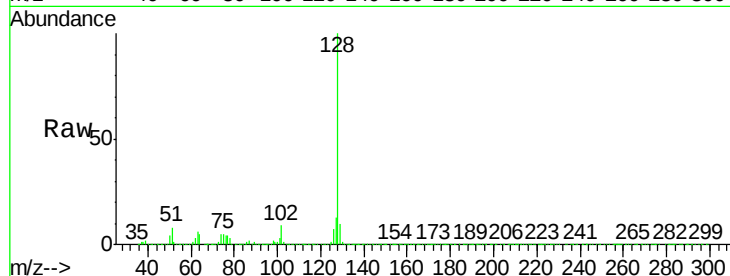




#91
Naphthalene
Concen: 19.726 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0401WBSD01

Tot Ion:128 Resp: 1143916
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.4 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.153 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. -0.00 min
Lab File: VX015463.D
Acq: 01 Apr 2020 13:24

Tgt Ion:180 Resp: 361132
Ion Ratio Lower Upper
180 100
182 94.6 0.0 191.0
145 31.6 0.0 62.2

