

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
 Data File : VX014374.D
 Acq On : 31 Dec 2019 12:57
 Operator : JC/SP
 Sample : VX1231MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Quant Time: Jan 01 03:15:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	449891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	688111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	624826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	269079	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.48	113	223965	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	8.71	98	844559	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	304794	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	67665	16.812	ug/l 95
3) Chloromethane	1.32	50	93930	17.390	ug/l 100
4) Vinyl Chloride	1.40	62	99054	17.380	ug/l 100
5) Bromomethane	1.63	94	61343	15.164	ug/l 97
6) Chloroethane	1.72	64	64841	18.433	ug/l 93
7) Trichlorofluoromethane	1.92	101	133341	18.899	ug/l 97
8) Diethyl Ether	2.17	74	62773	18.958	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82985	19.512	ug/l 99
10) Methyl Iodide	2.50	142	82795	16.609	ug/l 98
11) Tert butyl alcohol	3.02	59	113161	102.710	ug/l 98
12) 1,1-Dichloroethene	2.36	96	77861	17.991	ug/l 93
13) Acrolein	2.28	56	52918	83.906	ug/l 100
14) Allyl chloride	2.72	41	150178	19.436	ug/l 99
15) Acrylonitrile	3.12	53	276644	107.578	ug/l 99
16) Acetone	2.43	43	305428	92.267	ug/l 98
17) Carbon Disulfide	2.56	76	192334	16.519	ug/l 99
18) Methyl Acetate	2.76	43	145484	22.179	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	293117	20.612	ug/l 99
20) Methylene Chloride	2.84	84	99757	19.137	ug/l 94
21) trans-1,2-Dichloroethene	3.16	96	87462	18.345	ug/l 99
22) Diisopropyl ether	3.84	45	327462	21.267	ug/l 94
23) Vinyl Acetate	3.80	43	1354274	107.777	ug/l 99
24) 1,1-Dichloroethane	3.69	63	169623	19.800	ug/l 98
25) 2-Butanone	4.65	43	421116	103.185	ug/l 98
26) 2,2-Dichloropropane	4.57	77	128617	19.337	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	106958	19.836	ug/l 99
28) Bromochloromethane	5.00	49	83454	25.554	ug/l 93
29) Tetrahydrofuran	5.11	42	249793	109.428	ug/l 97
30) Chloroform	5.20	83	161335	19.866	ug/l 95
31) Cyclohexane	5.57	56	148217	19.453	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	129698	18.739	ug/l 99
36) 1,1-Dichloropropene	5.79	75	118371	18.748	ug/l 100
37) Ethyl Acetate	4.81	43	153664	22.039	ug/l 99
38) Carbon Tetrachloride	5.77	117	108758	18.908	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145730	18.693	ug/l	96
40) Benzene	6.13	78	377312	19.422	ug/l	99
41) Methacrylonitrile	5.02	41	81642	21.104	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135107	20.517	ug/l	100
43) Isopropyl Acetate	6.43	43	243940	21.141	ug/l	99
44) Trichloroethene	7.20	130	104441	19.464	ug/l	99
45) 1,2-Dichloropropane	7.50	63	102350	20.555	ug/l	99
46) Dibromomethane	7.65	93	67414	20.478	ug/l	97
47) Bromodichloromethane	7.89	83	125314	20.212	ug/l	95
48) Methyl methacrylate	7.76	41	114946	20.344	ug/l	99
49) 1,4-Dioxane	7.73	88	47282	411.210	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	769610	106.204	ug/l	99
52) Toluene	8.78	92	236674	19.275	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	134380	19.766	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	152697	20.161	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103199	20.970	ug/l	98
56) Ethyl methacrylate	9.17	69	157702	20.400	ug/l	99
57) 1,3-Dichloropropane	9.36	76	171343	20.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	302127	103.272	ug/l	99
59) 2-Hexanone	9.48	43	597498	102.426	ug/l	98
60) Dibromochloromethane	9.57	129	101398	20.728	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104821	20.817	ug/l	100
64) Tetrachloroethene	9.33	164	114111	20.639	ug/l	96
65) Chlorobenzene	10.13	112	259150	19.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	94861	19.998	ug/l	98
67) Ethyl Benzene	10.25	91	448850	19.651	ug/l	99
68) m/p-Xylenes	10.36	106	336605	38.317	ug/l	99
69) o-Xylene	10.69	106	164008	19.036	ug/l	99
70) Styrene	10.71	104	283913	19.487	ug/l	99
71) Bromoform	10.85	173	73610	19.305	ug/l #	99
73) Isopropylbenzene	11.01	105	440149	20.316	ug/l	100
74) N-amyl acetate	10.89	43	199961	19.691	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154991	20.635	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170832	25.573	ug/l	90
77) Bromobenzene	11.25	156	114623	19.230	ug/l	99
78) n-propylbenzene	11.35	91	496126	20.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	294803	19.957	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	358661	19.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44658	18.869	ug/l	91
82) 4-Chlorotoluene	11.51	91	338242	19.740	ug/l	99
83) tert-Butylbenzene	11.76	119	339900	19.156	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	365796	20.033	ug/l	100
85) sec-Butylbenzene	11.94	105	422684	20.179	ug/l	99
86) p-Isopropyltoluene	12.06	119	384723	20.078	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200981	19.238	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199311	18.763	ug/l	98
89) n-Butylbenzene	12.39	91	325387	19.902	ug/l	100
90) Hexachloroethane	12.59	117	66595	19.350	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205156	19.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30100	18.109	ug/l	97

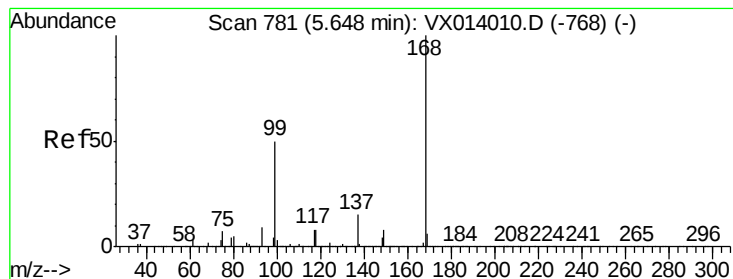
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131070	19.176	ug/l	97
94) Hexachlorobutadiene	13.78	225	64285	19.569	ug/l	96
95) Naphthalene	13.83	128	392774	19.558	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	133244	19.747	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

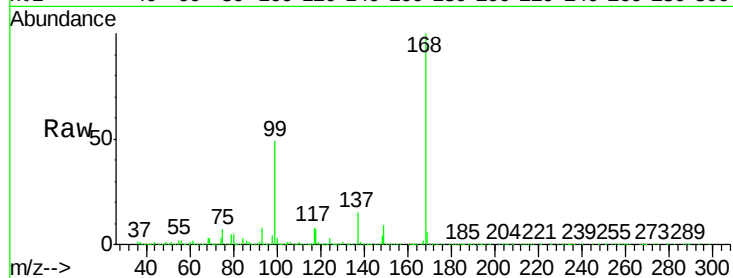
VX1231MBS01

Tgt Ion:168 Resp: 449891

Ion Ratio Lower Upper

168 100

99 49.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

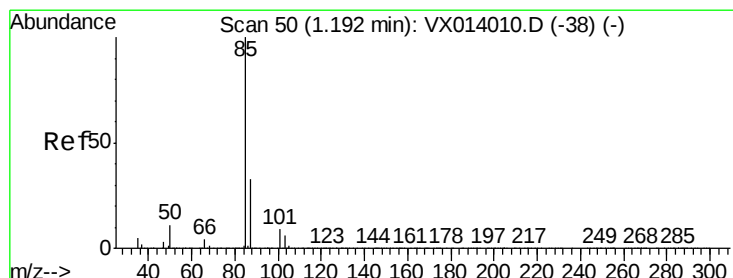
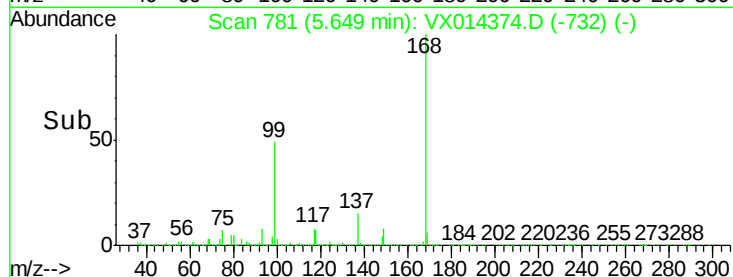
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.812 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014374.D

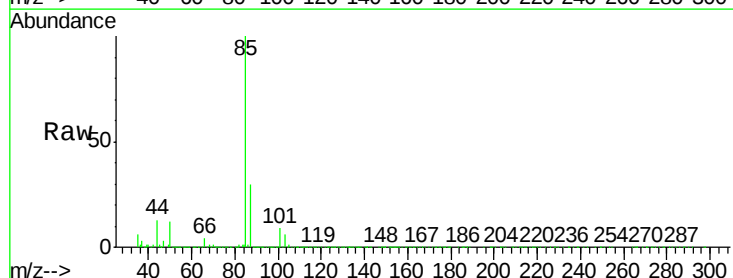
Acq: 31 Dec 2019 12:57

Tgt Ion: 85 Resp: 67665

Ion Ratio Lower Upper

85 100

87 30.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

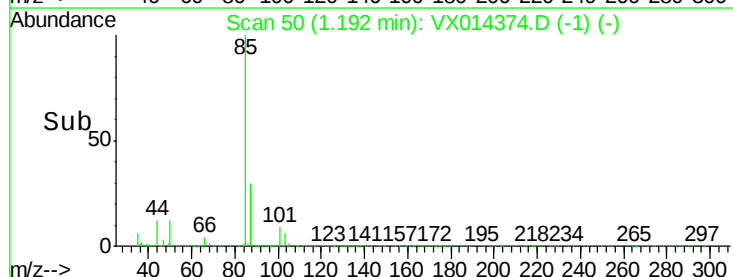
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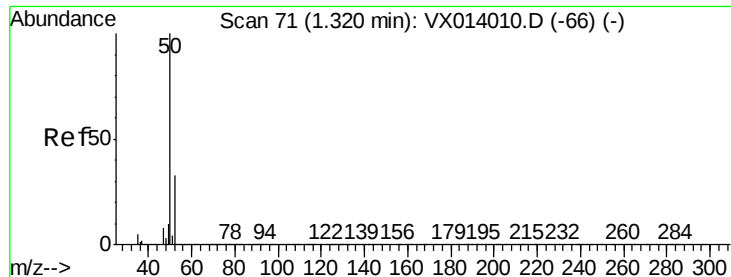
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.390 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

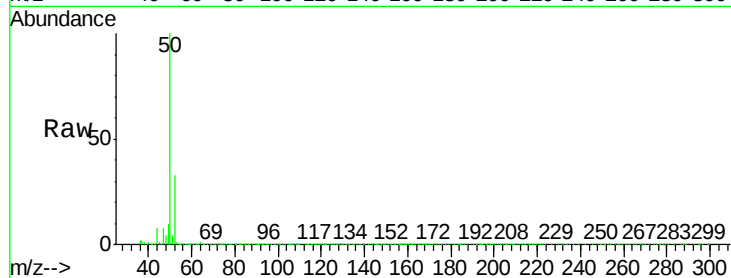
VX1231MBS01

Tgt Ion: 50 Resp: 93930

Ion Ratio Lower Upper

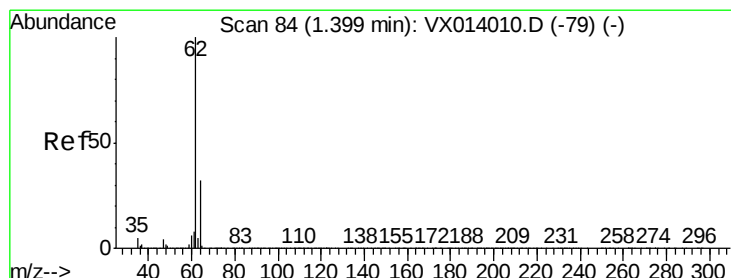
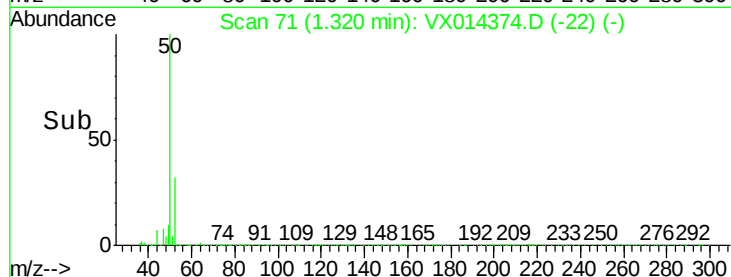
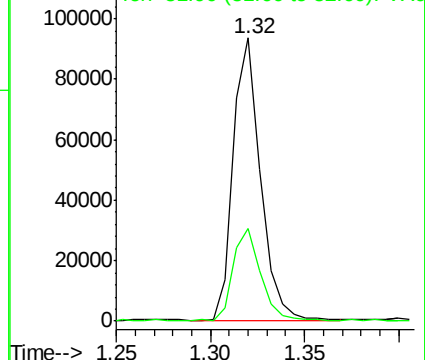
50 100

52 32.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.380 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014374.D

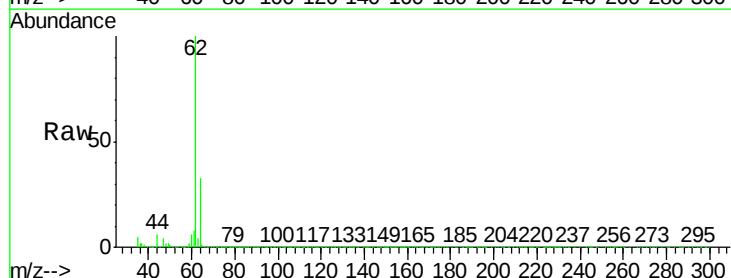
Acq: 31 Dec 2019 12:57

Tgt Ion: 62 Resp: 99054

Ion Ratio Lower Upper

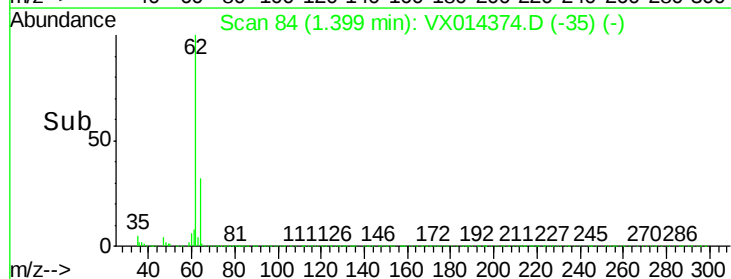
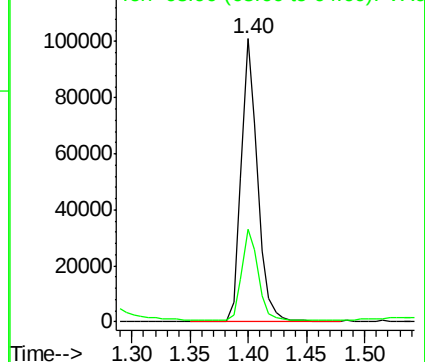
62 100

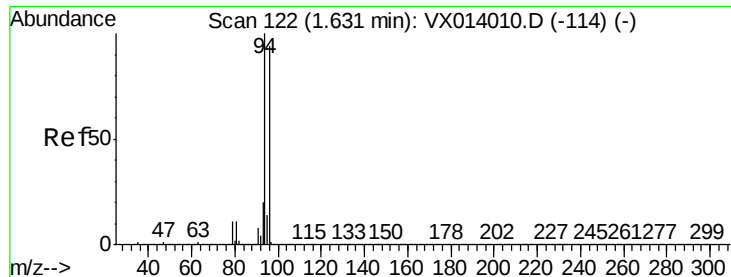
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.164 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

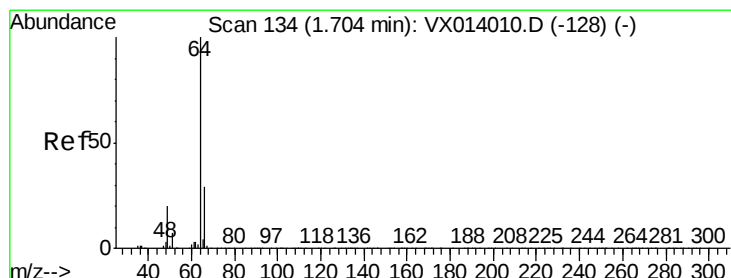
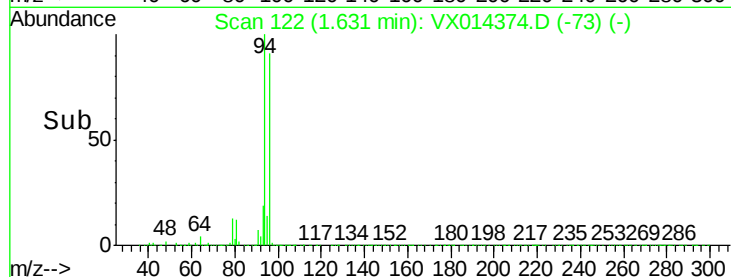
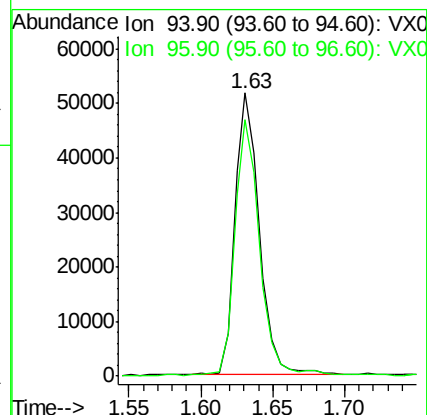
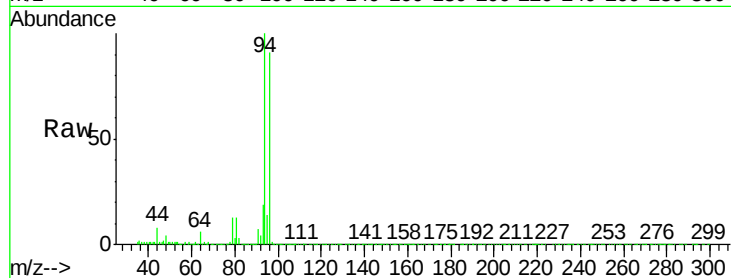
VX1231MBS01

Tgt Ion: 94 Resp: 61343

Ion Ratio Lower Upper

94 100

96 90.6 75.2 112.8



#6

Chloroethane

Concen: 18.433 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014374.D

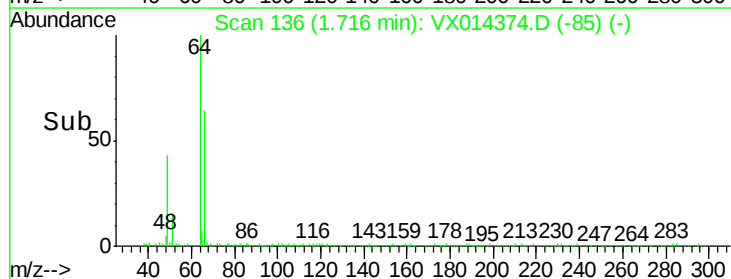
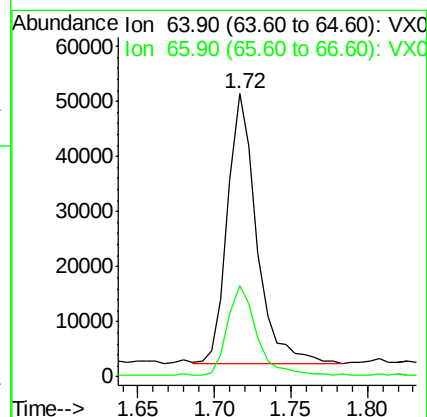
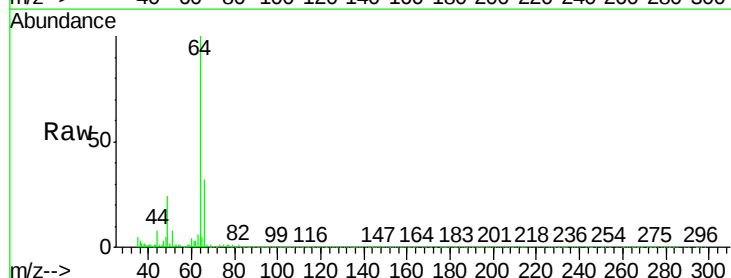
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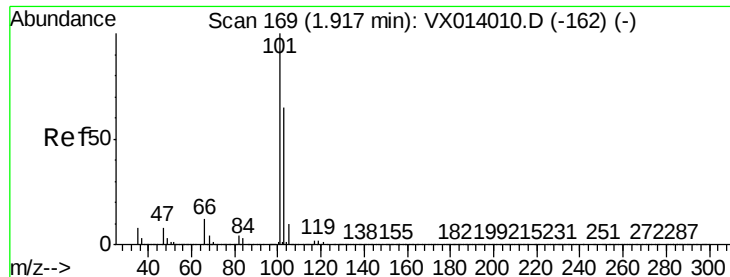
Tgt Ion: 64 Resp: 64841

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2



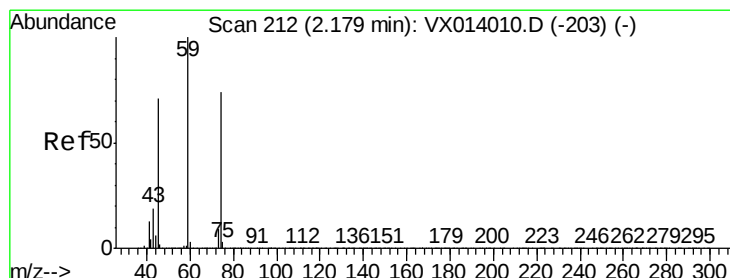
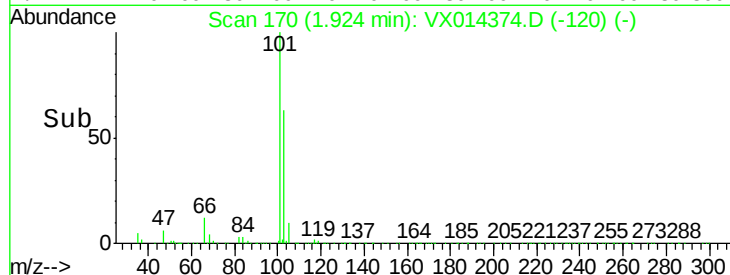
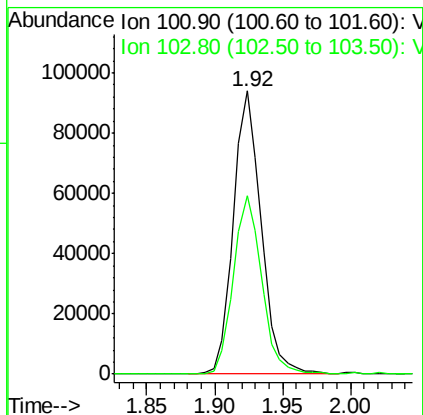
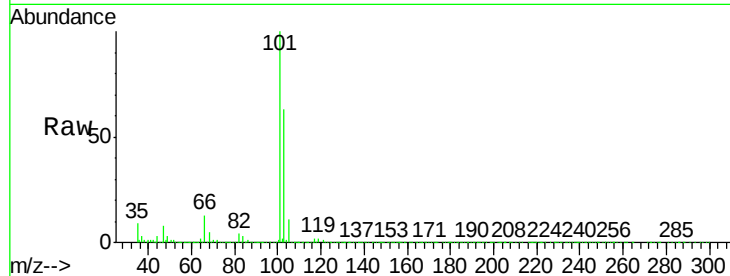


#7

Trichlorofluoromethane
Concen: 18.899 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

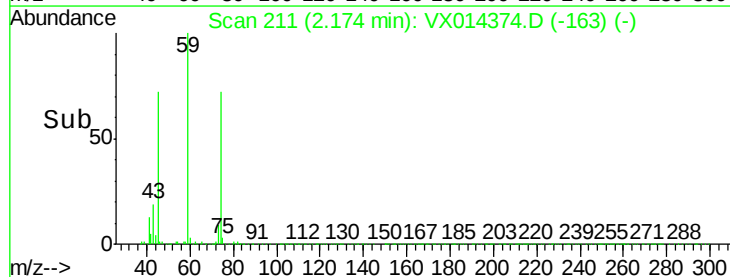
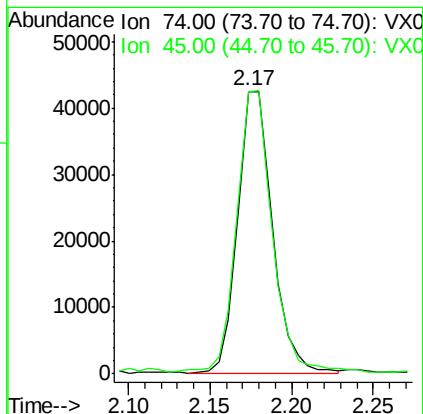
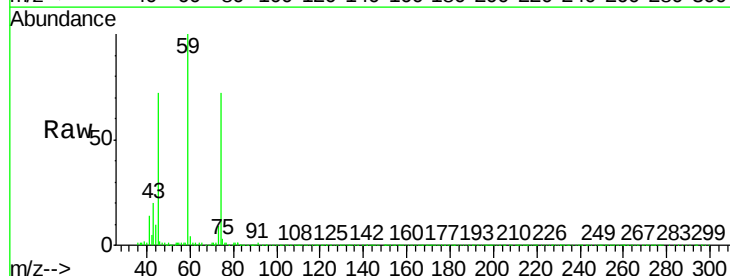
Tgt Ion:101 Resp: 133341
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.4



#8

Diethyl Ether
Concen: 18.958 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 74 Resp: 62773
Ion Ratio Lower Upper
74 100
45 102.2 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.512 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

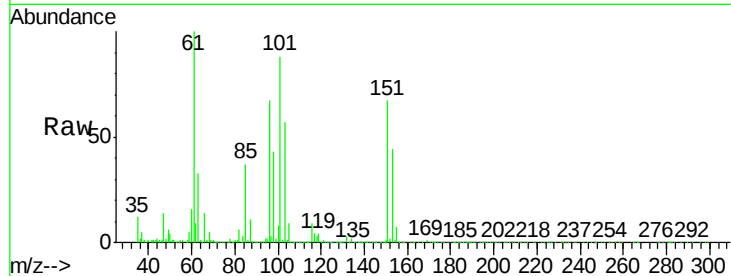
Tgt Ion:101 Resp: 82985

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

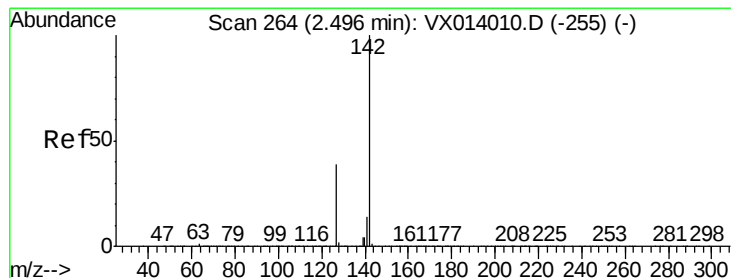
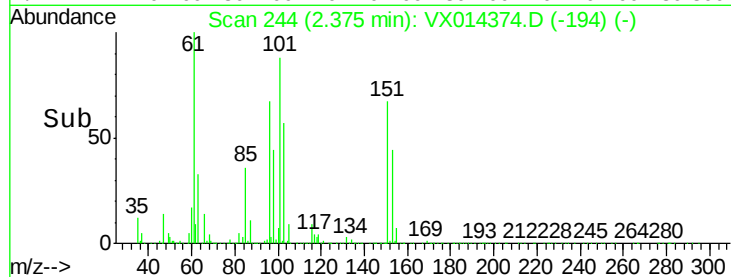
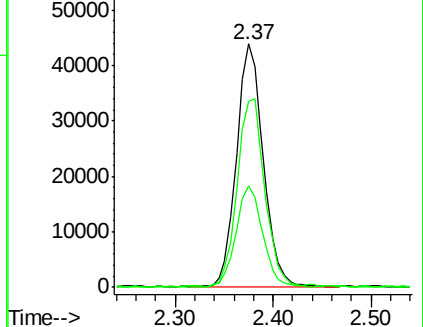
151 80.4 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.609 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

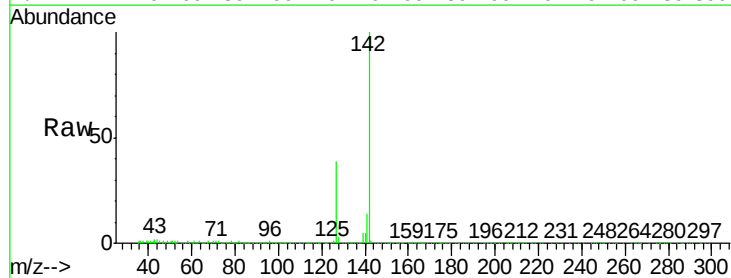
Tgt Ion:142 Resp: 82795

Ion Ratio Lower Upper

142 100

127 37.8 31.6 47.4

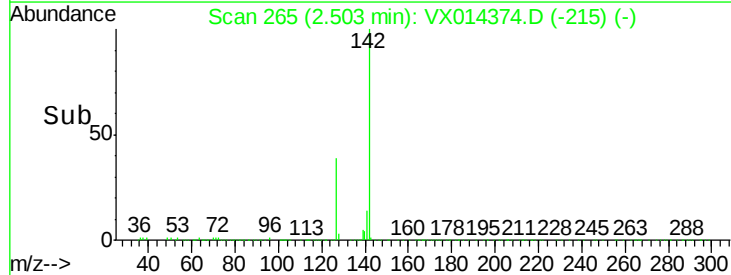
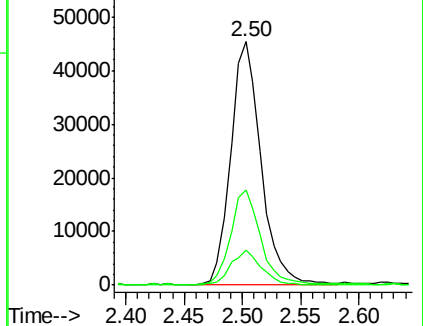
141 14.6 11.6 17.4

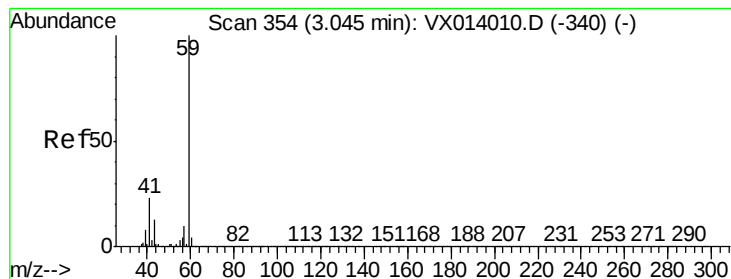


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



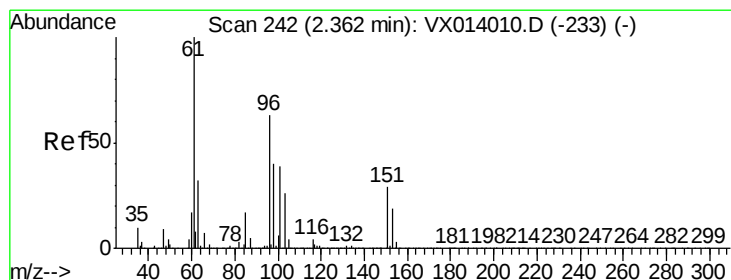
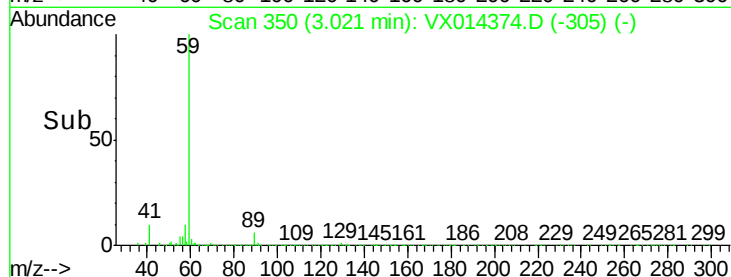
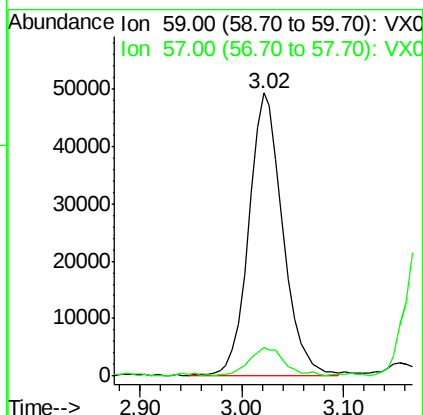
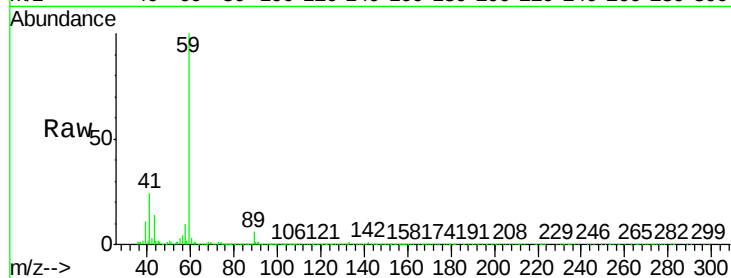


#11

Tert butyl alcohol
 Concen: 102.710 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

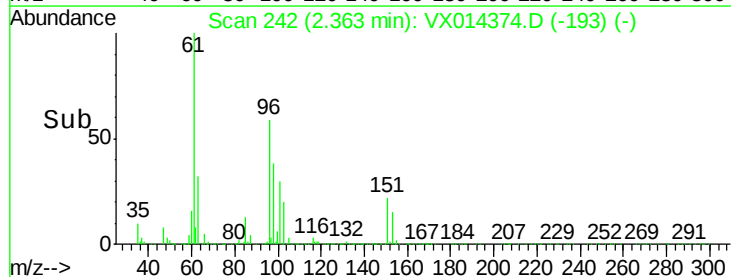
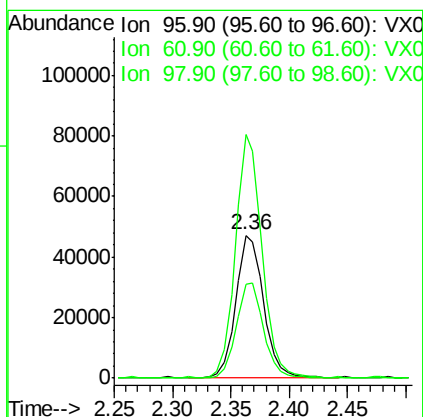
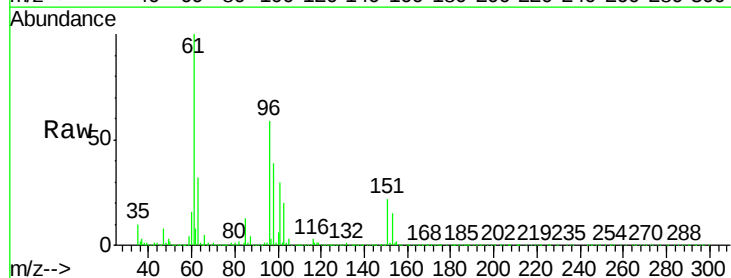
Tgt Ion: 59 Resp: 113161
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.4 12.6

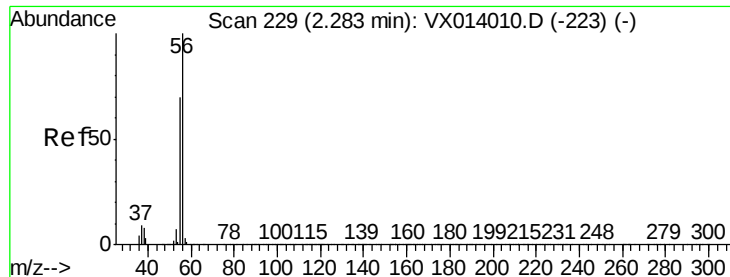


#12

1,1-Dichloroethene
 Concen: 17.991 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion: 96 Resp: 77861
 Ion Ratio Lower Upper
 96 100
 61 170.5 127.9 191.9
 98 65.2 50.5 75.7





#13

Acrolein

Concen: 83.906 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

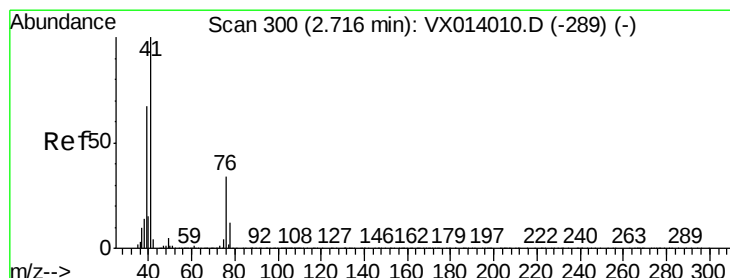
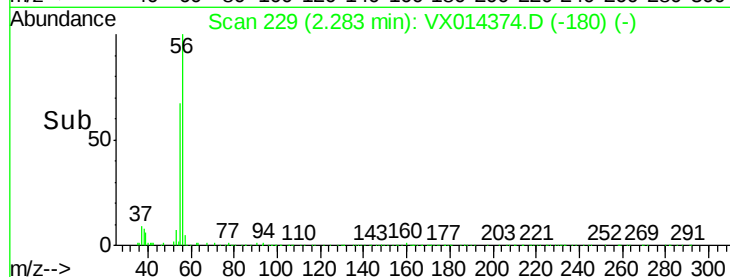
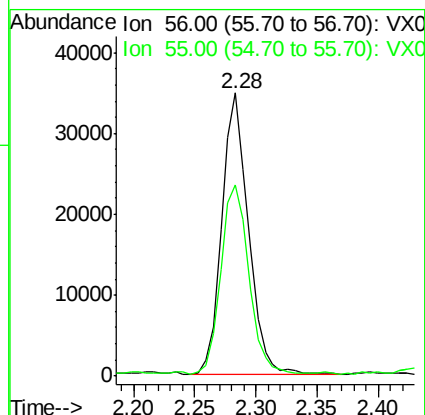
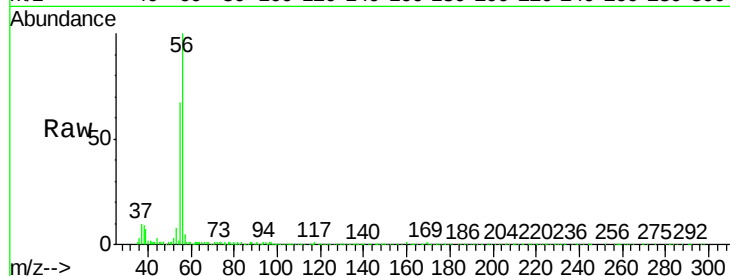
VX1231MBS01

Tgt Ion: 56 Resp: 52918

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3



#14

Allyl chloride

Concen: 19.436 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

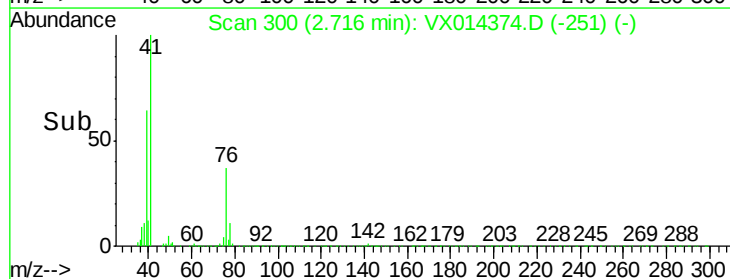
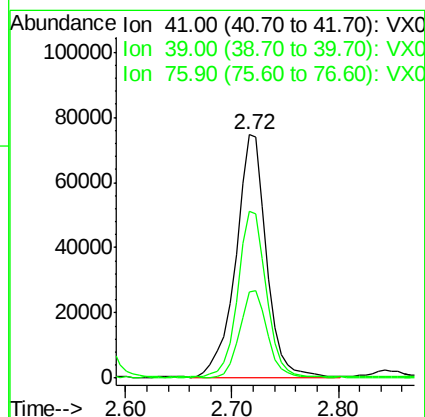
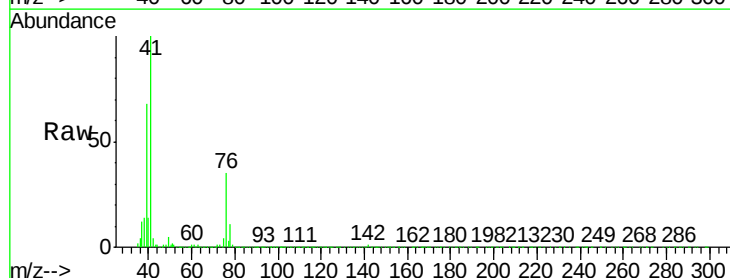
Tgt Ion: 41 Resp: 150178

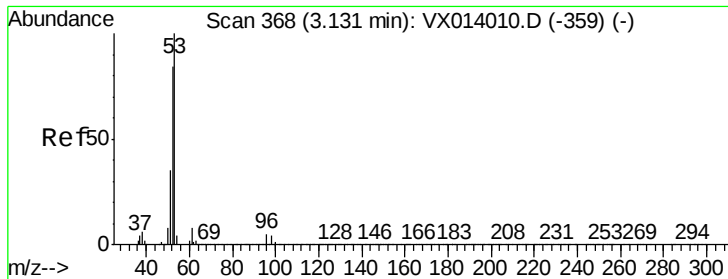
Ion Ratio Lower Upper

41 100

39 64.1 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 107.578 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

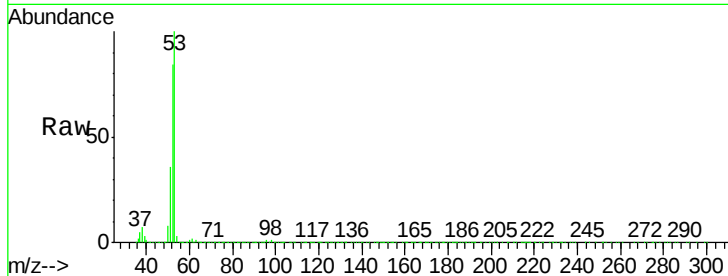
Tgt Ion: 53 Resp: 276644

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

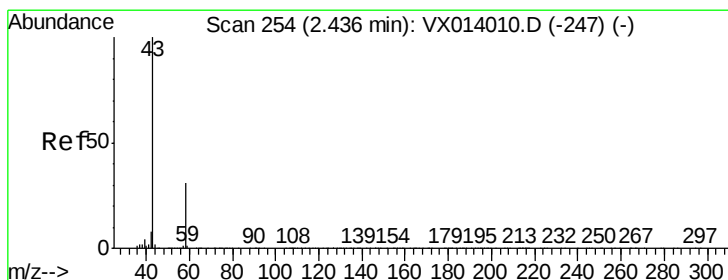
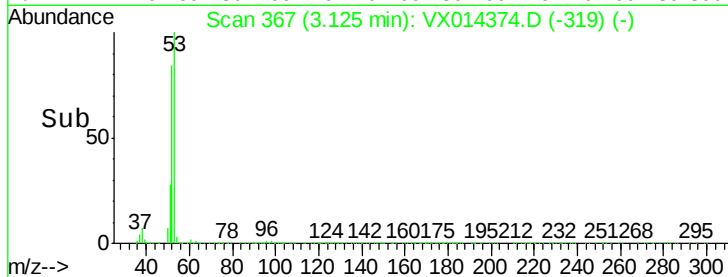
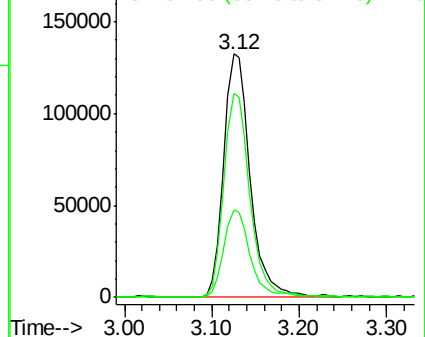
51 35.8 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.267 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014374.D

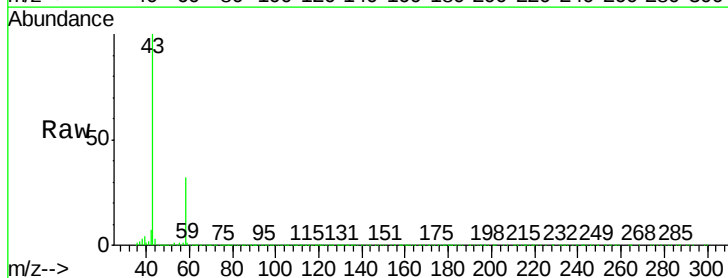
Acq: 31 Dec 2019 12:57

Tgt Ion: 43 Resp: 305428

Ion Ratio Lower Upper

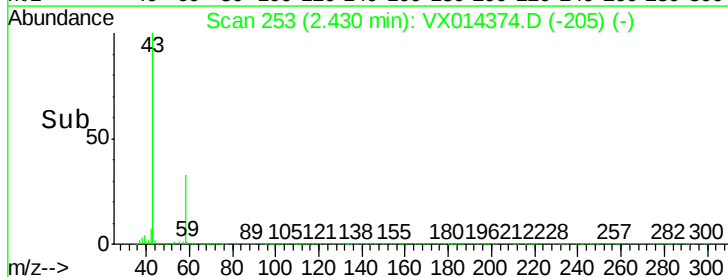
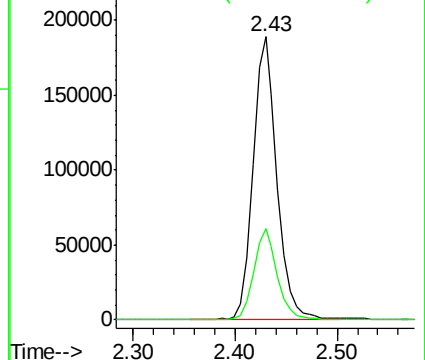
43 100

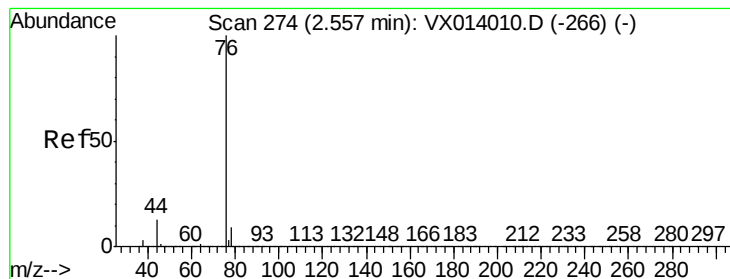
58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.519 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

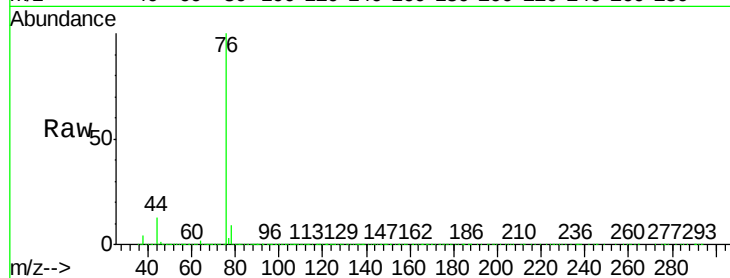
VX1231MBS01

Tgt Ion: 76 Resp: 192334

Ion Ratio Lower Upper

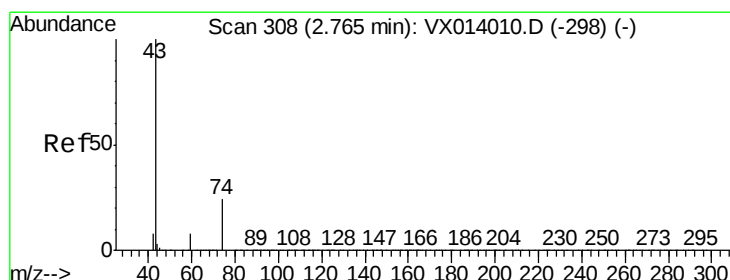
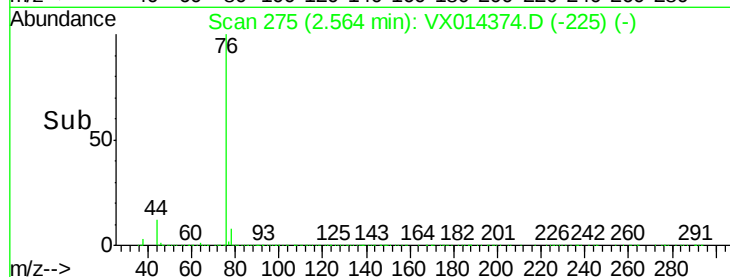
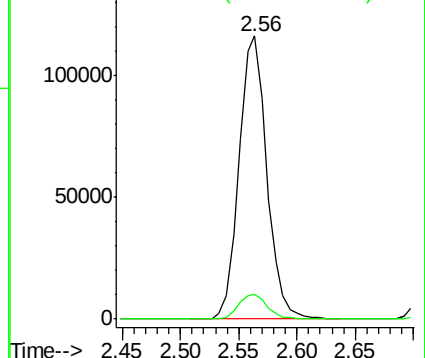
76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.179 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014374.D

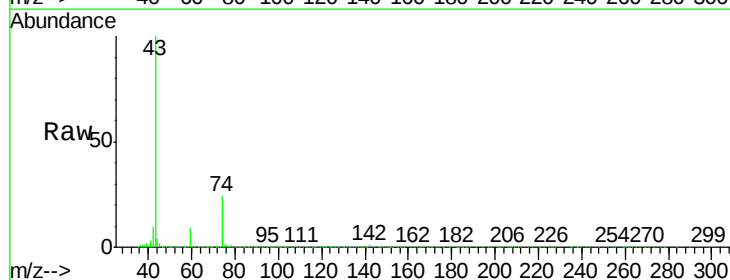
Acq: 31 Dec 2019 12:57

Tgt Ion: 43 Resp: 145484

Ion Ratio Lower Upper

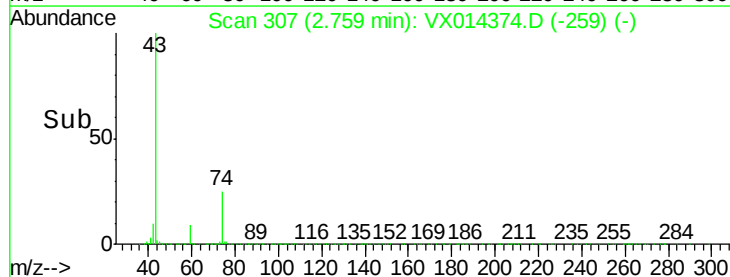
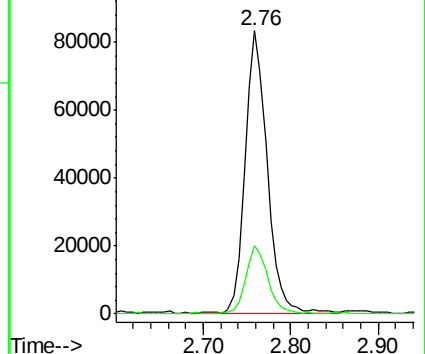
43 100

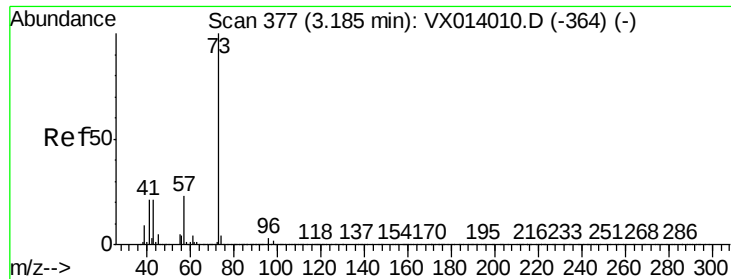
74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 20.612 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

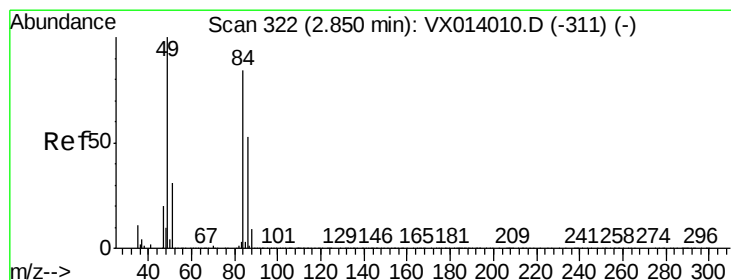
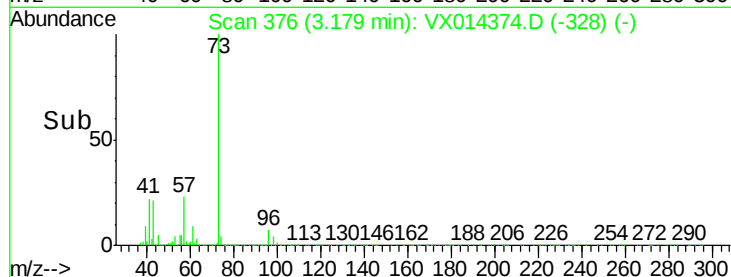
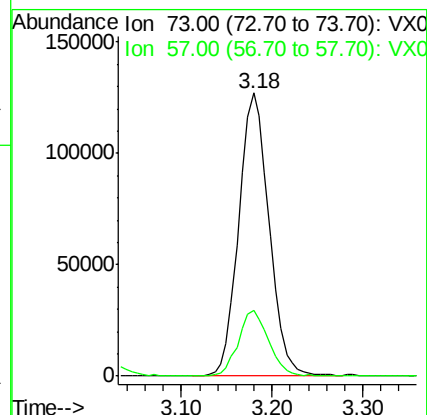
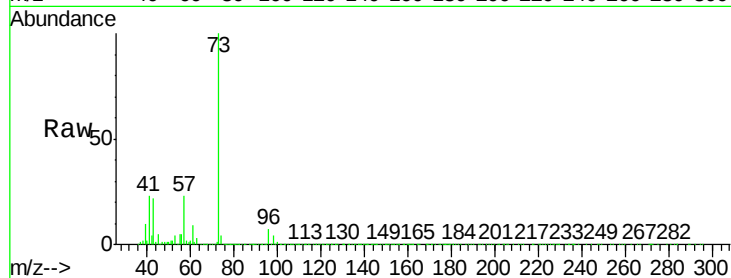
VX1231MBS01

Tgt Ion: 73 Resp: 293117

Ion Ratio Lower Upper

73 100

57 23.1 18.8 28.2



#20

Methylene Chloride

Concen: 19.137 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Tgt Ion: 84 Resp: 99757

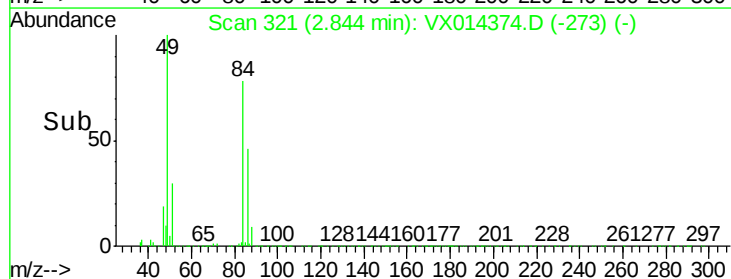
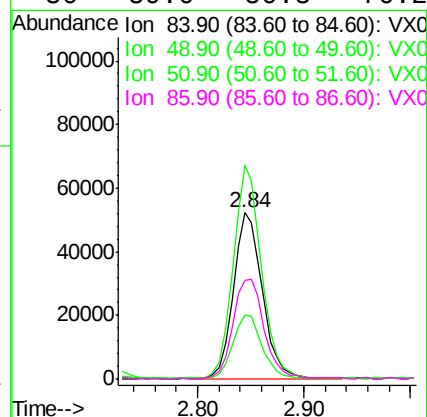
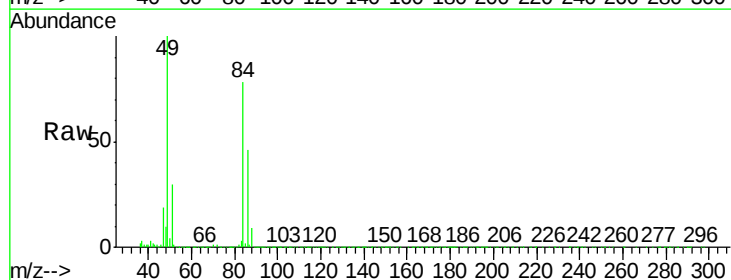
Ion Ratio Lower Upper

84 100

49 128.3 95.8 143.6

51 38.1 29.8 44.8

86 59.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.345 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

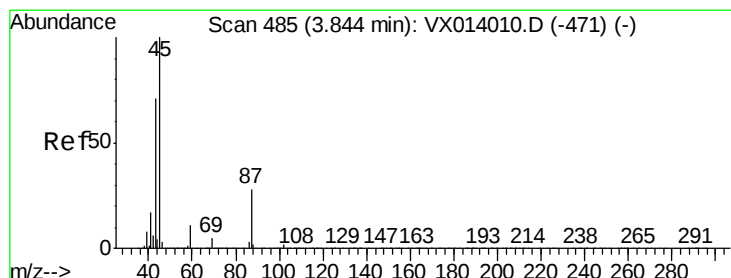
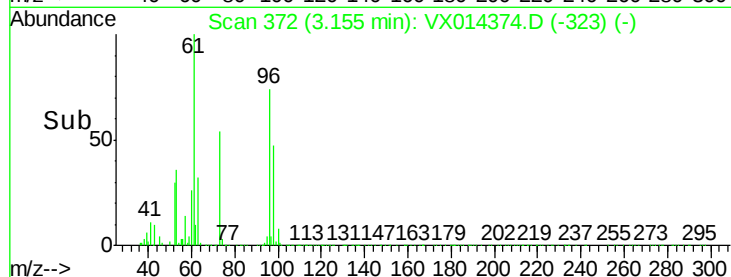
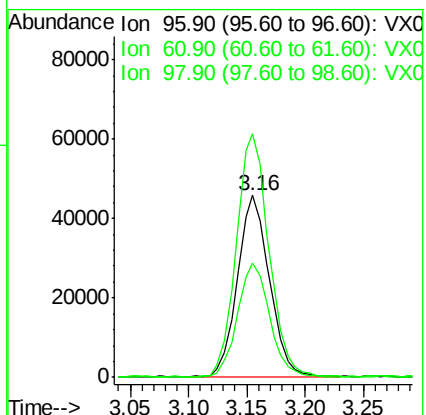
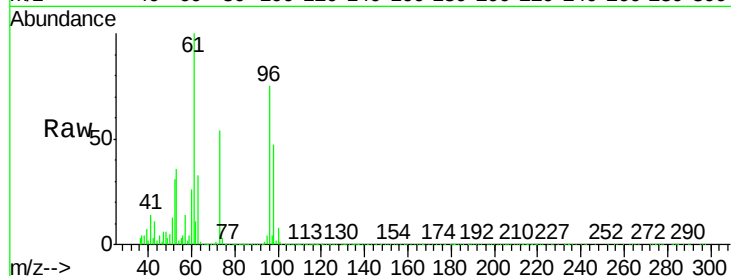
Tgt Ion: 96 Resp: 87462

Ion Ratio Lower Upper

96 100

61 134.0 108.3 162.5

98 62.4 50.8 76.2



#22

Diisopropyl ether

Concen: 21.267 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Tgt Ion: 45 Resp: 327462

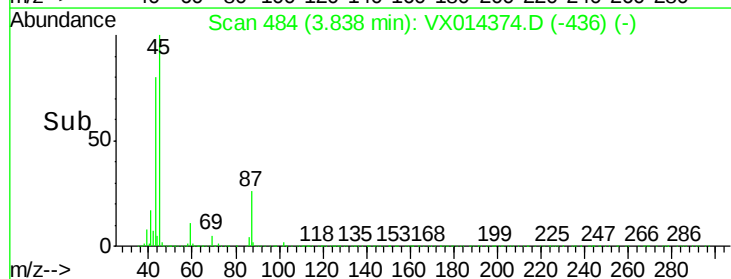
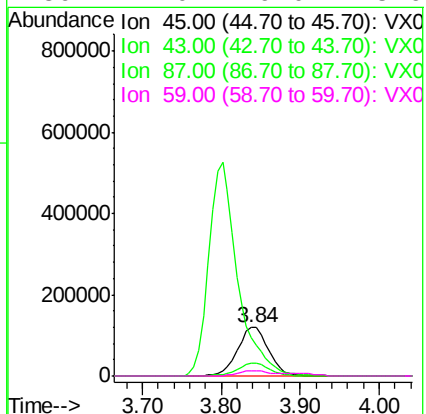
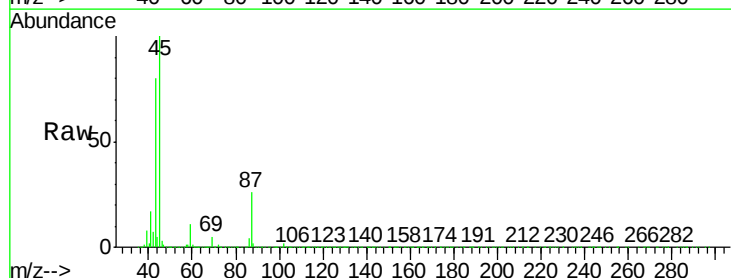
Ion Ratio Lower Upper

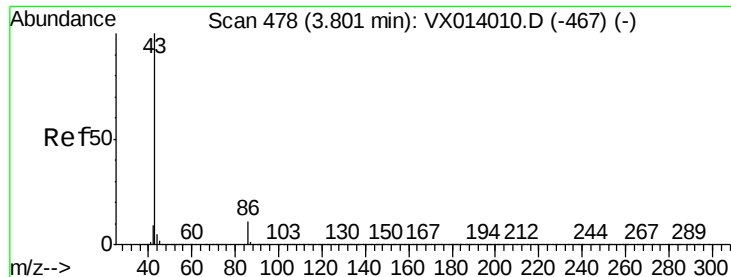
45 100

43 78.5 57.4 86.0

87 25.9 21.9 32.9

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 107.777 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

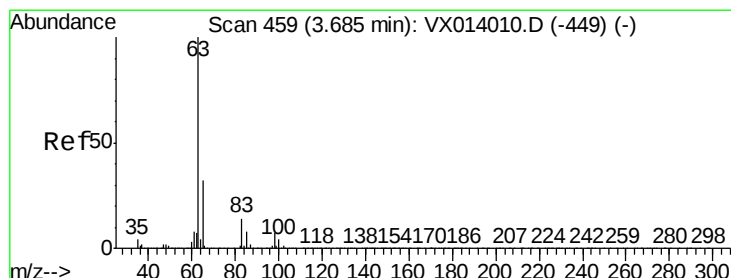
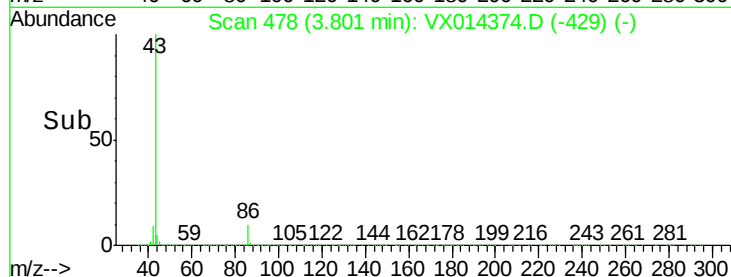
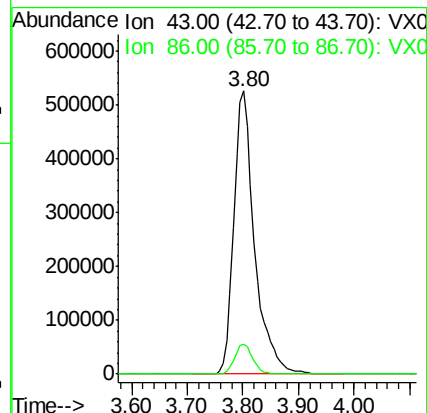
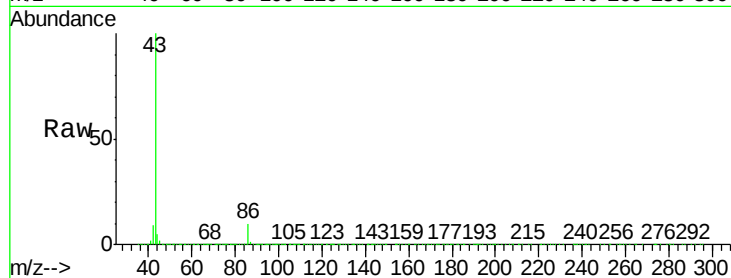
VX1231MBS01

Tgt Ion: 43 Resp: 1354274

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.800 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

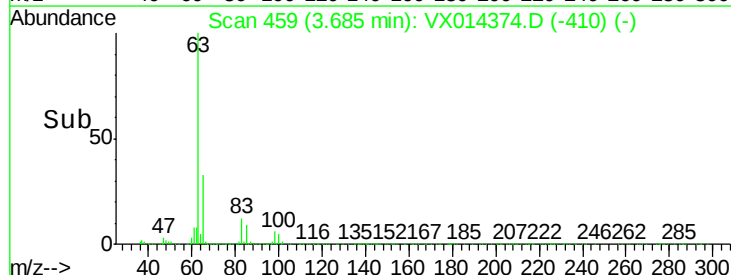
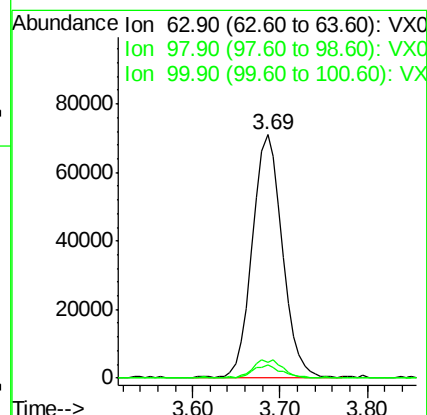
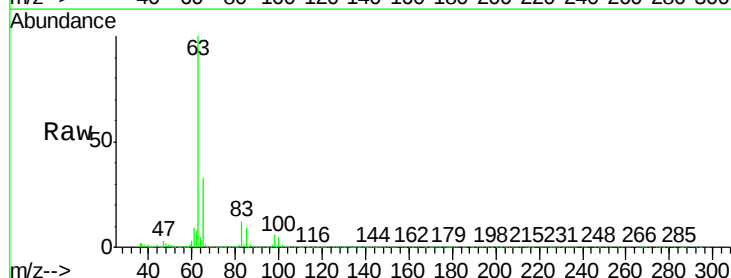
Tgt Ion: 63 Resp: 169623

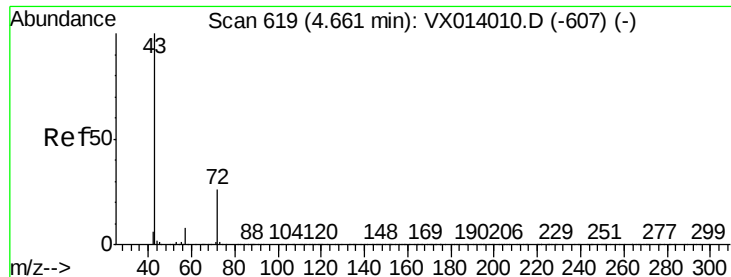
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.9 2.3 6.8





#25

2-Butanone

Concen: 103.185 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

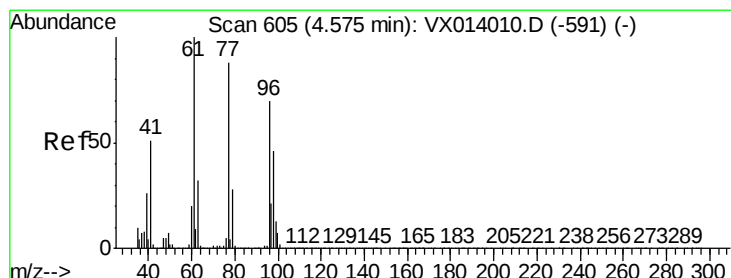
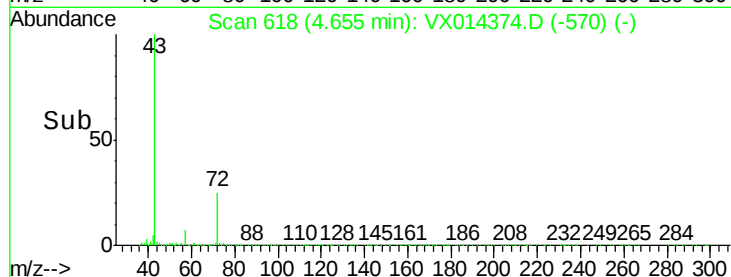
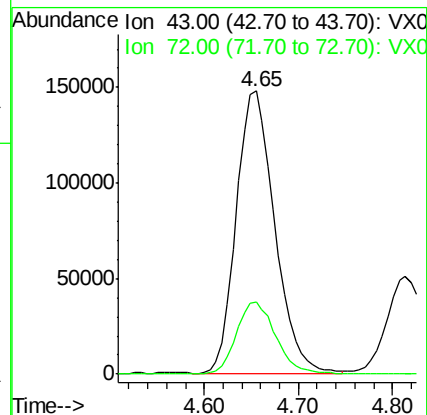
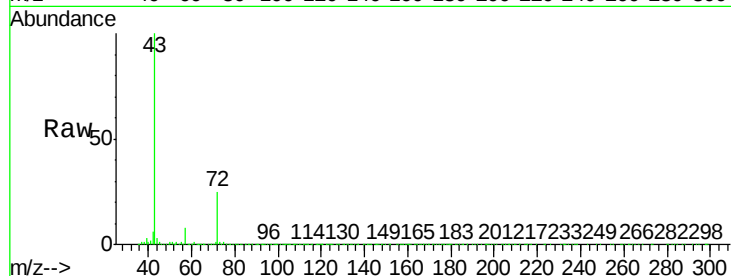
VX1231MBS01

Tgt Ion: 43 Resp: 421116

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.337 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014374.D

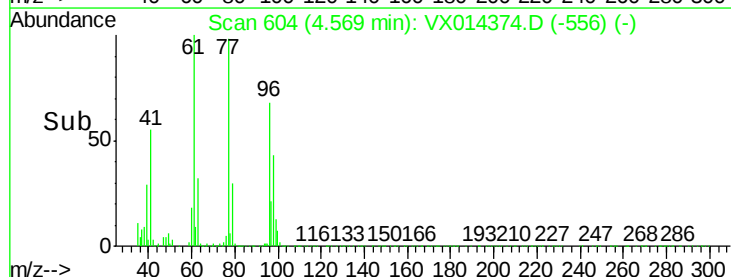
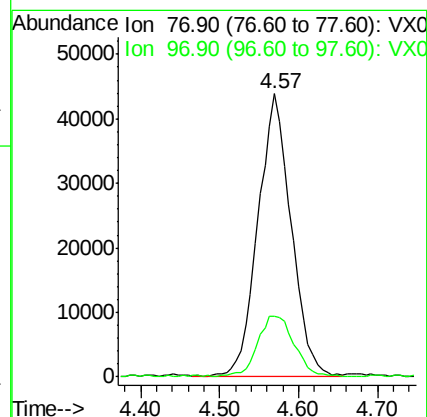
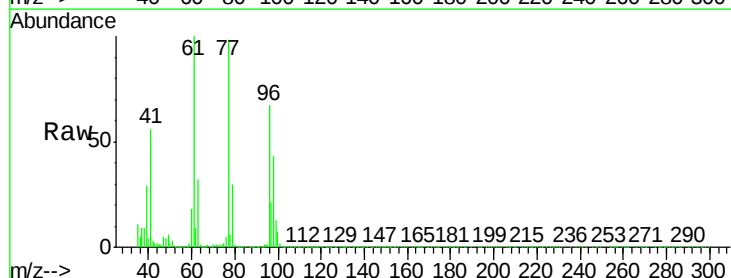
Acq: 31 Dec 2019 12:57

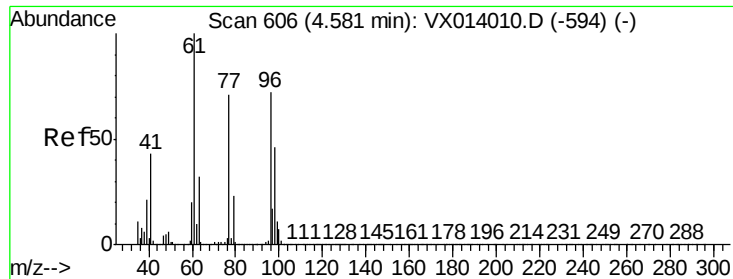
Tgt Ion: 77 Resp: 128617

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.9



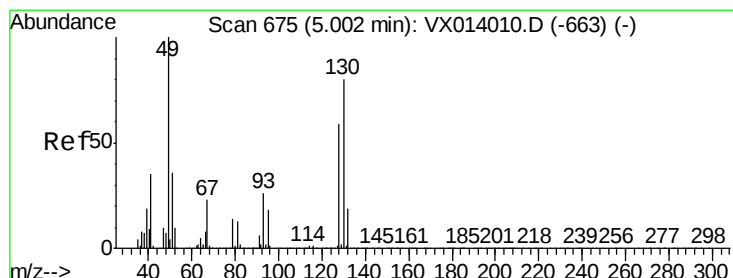
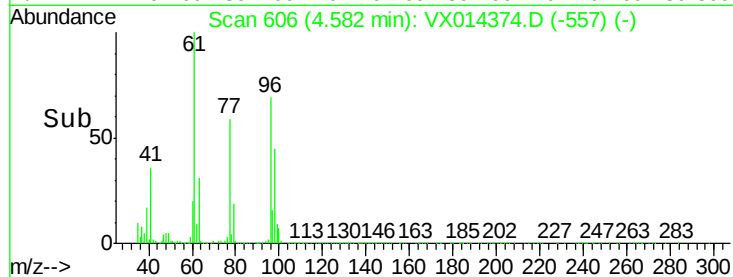
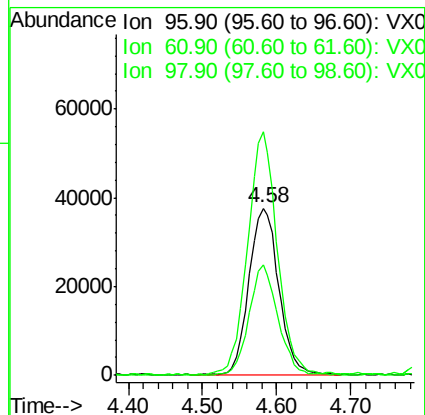
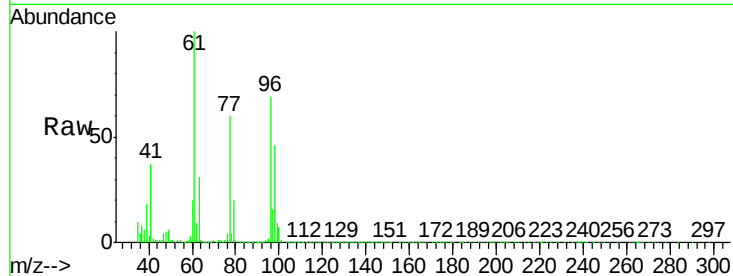


#27

cis-1,2-Dichloroethene
Concen: 19.836 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

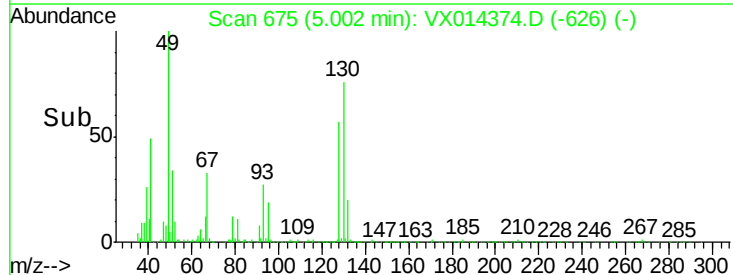
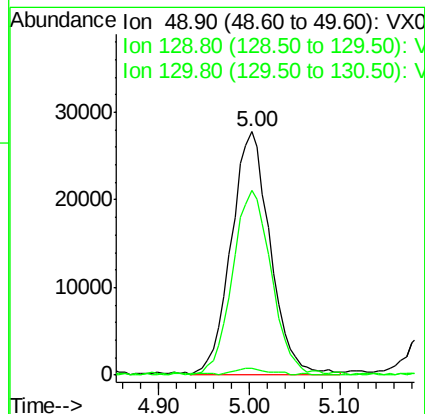
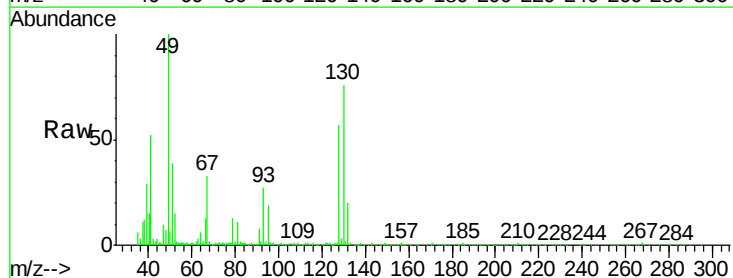
Tgt Ion: 96 Resp: 106958
Ion Ratio Lower Upper
96 100
61 142.1 0.0 288.4
98 64.1 0.0 129.6

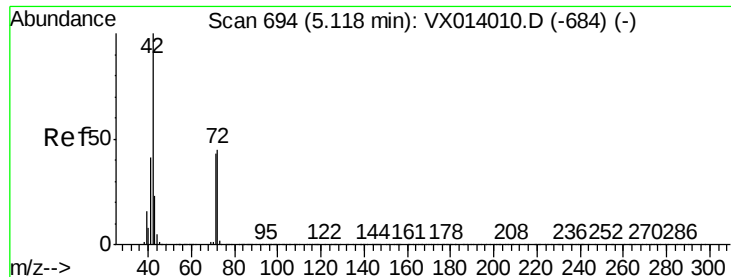


#28

Bromochloromethane
Concen: 25.554 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 49 Resp: 83454
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 74.3 64.6 97.0





#29

Tetrahydrofuran

Concen: 109.428 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

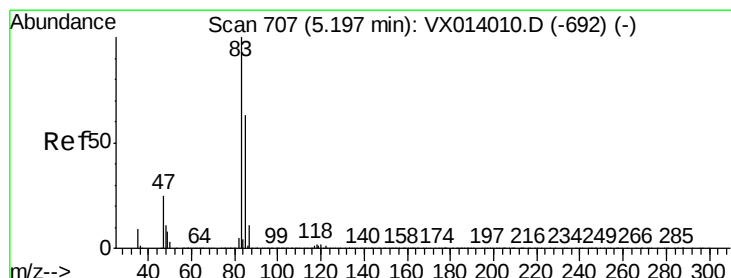
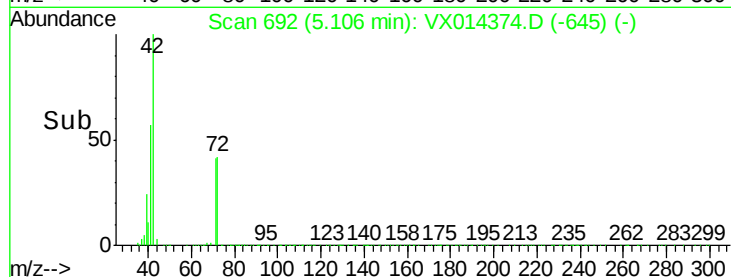
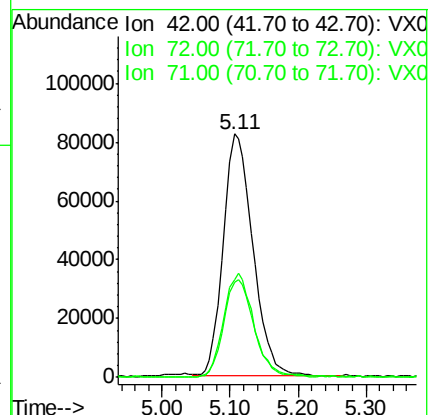
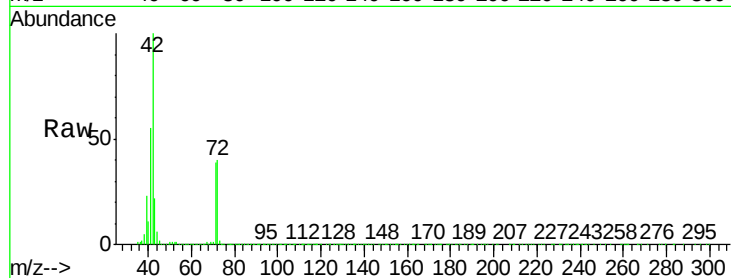
Tgt Ion: 42 Resp: 249793

Ion Ratio Lower Upper

42 100

72 42.6 35.8 53.8

71 40.3 33.6 50.4



#30

Chloroform

Concen: 19.866 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014374.D

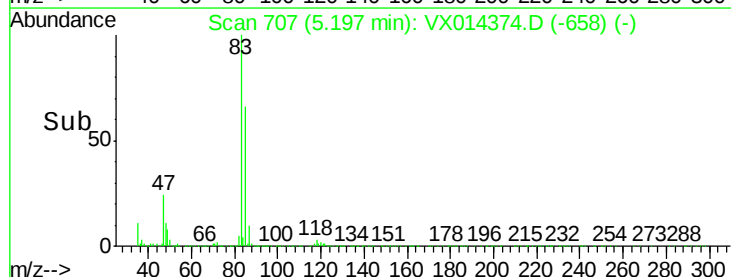
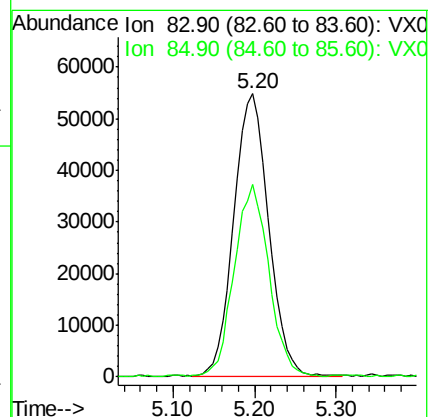
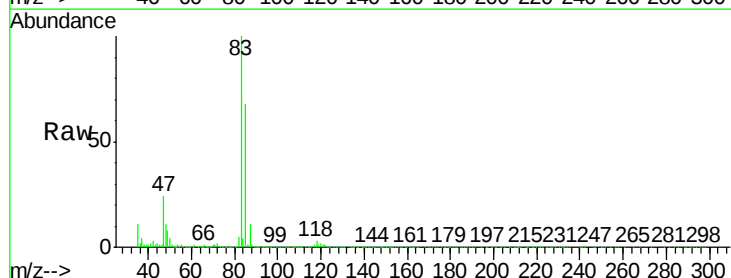
Acq: 31 Dec 2019 12:57

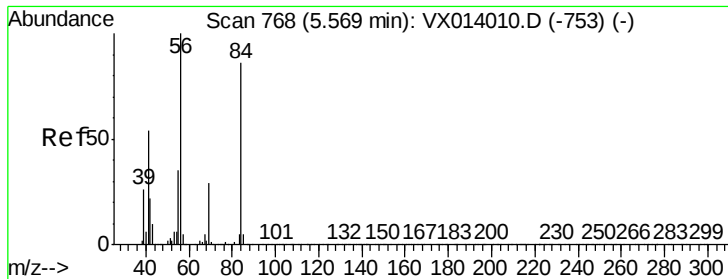
Tgt Ion: 83 Resp: 161335

Ion Ratio Lower Upper

83 100

85 67.5 50.8 76.2

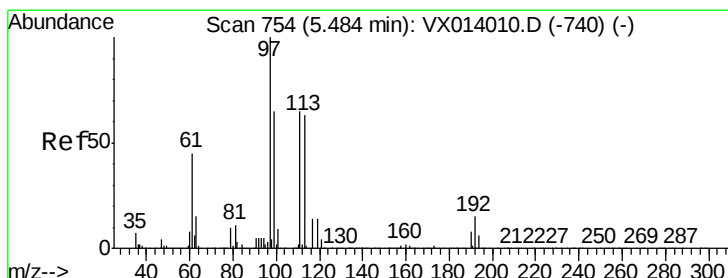
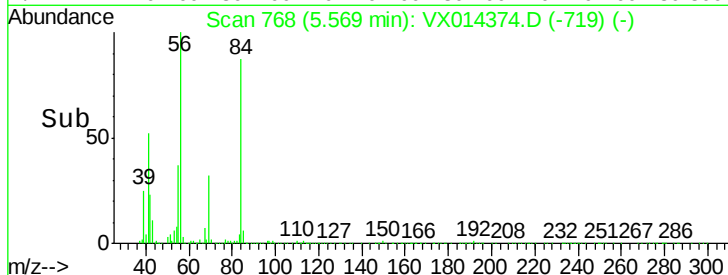
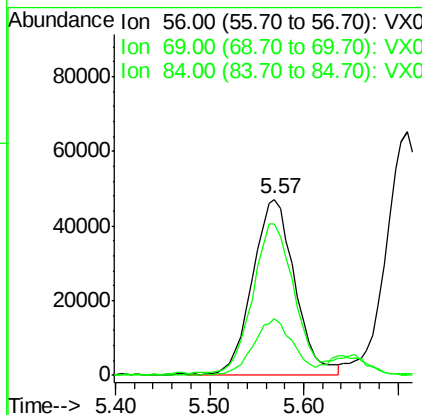
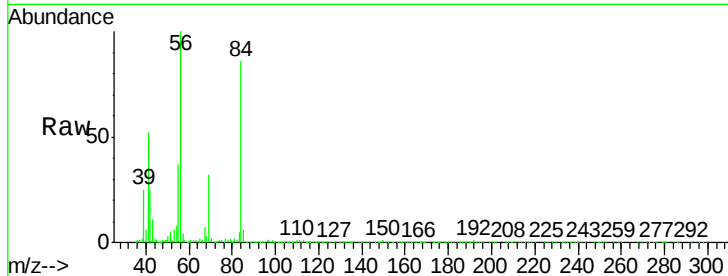




#31
Cyclohexane
Concen: 19.453 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

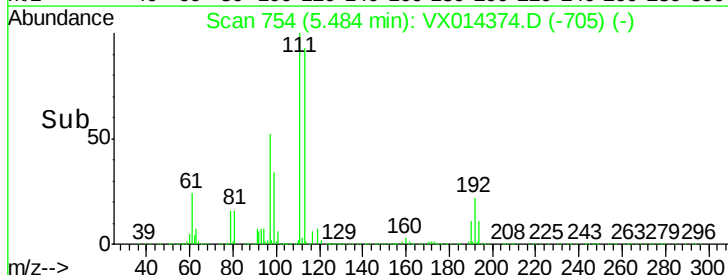
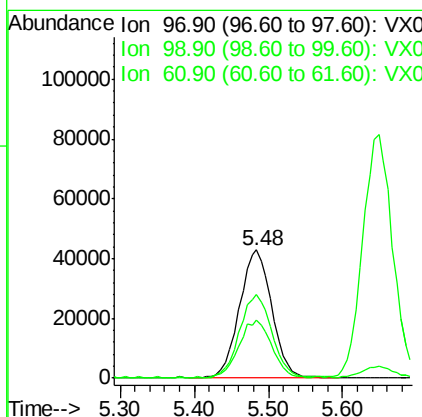
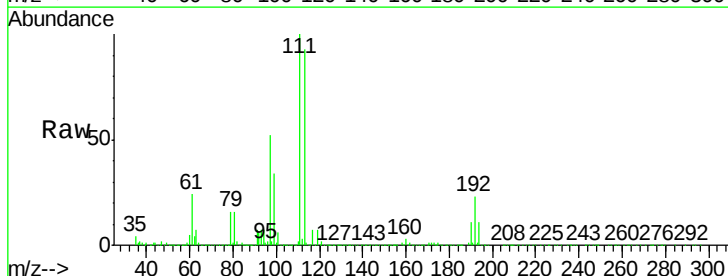
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tgt Ion: 56 Resp: 148217
Ion Ratio Lower Upper
56 100
69 31.9 23.2 34.8
84 84.5 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.739 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 97 Resp: 129698
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 45.5 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 52.772 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

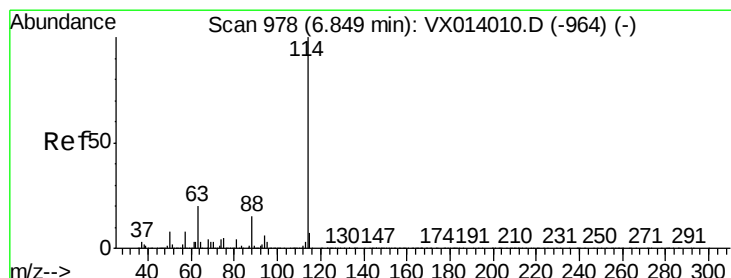
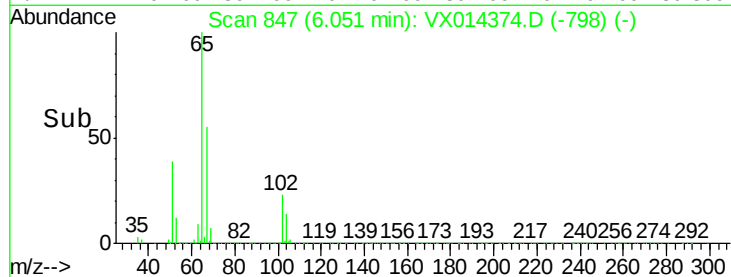
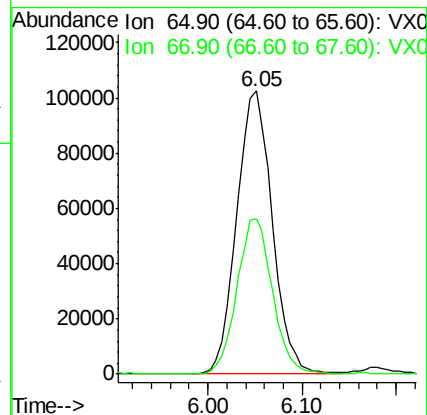
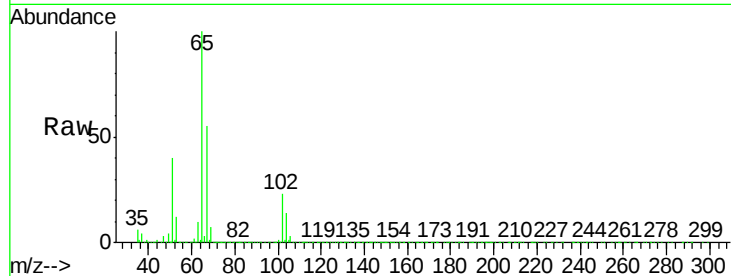
VX1231MBS01

Tgt Ion: 65 Resp: 269079

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

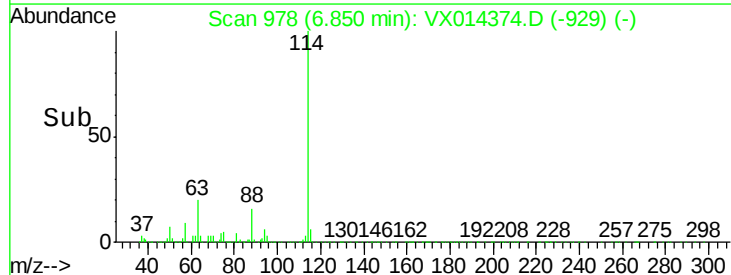
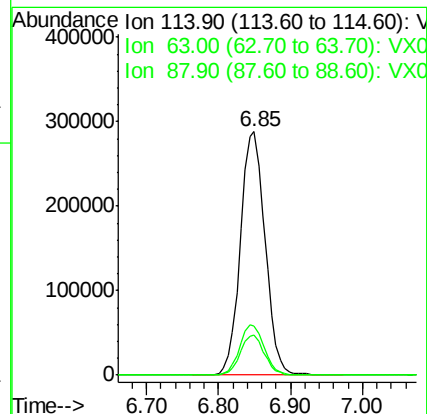
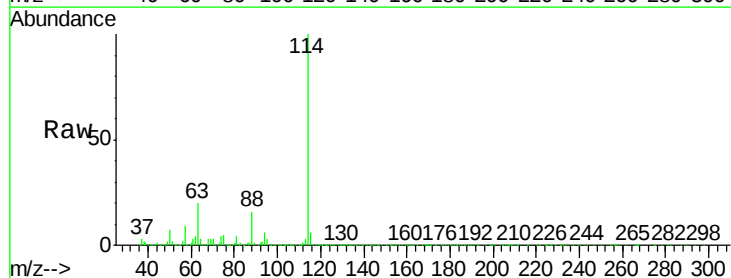
Tgt Ion: 114 Resp: 688111

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 16.3 0.0 30.4

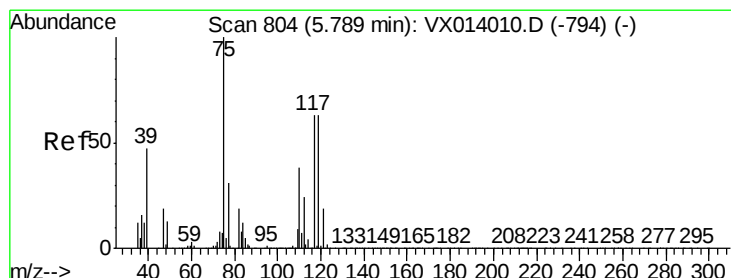
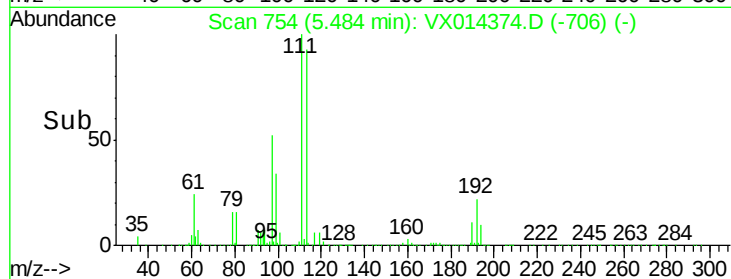
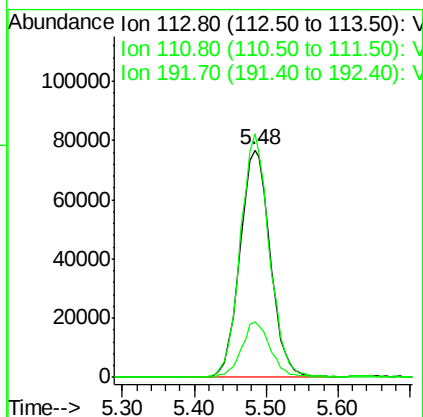
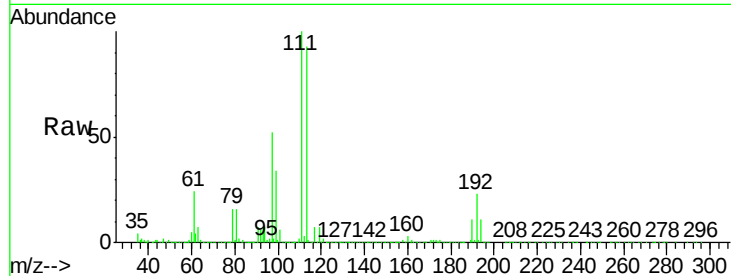




#35
 Dibromofluoromethane
 Concen: 53.542 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

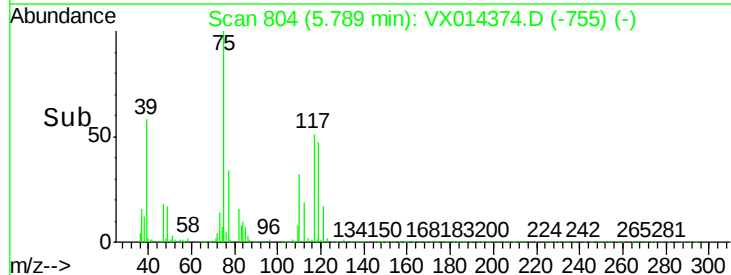
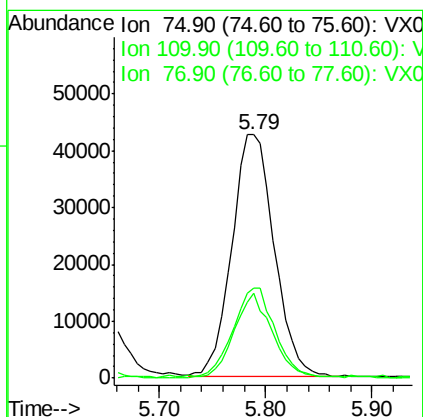
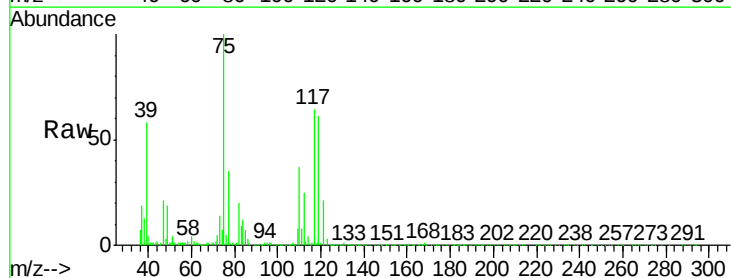
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 18.748 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	30.9	24.8	37.2





#37

Ethyl Acetate

Concen: 22.039 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

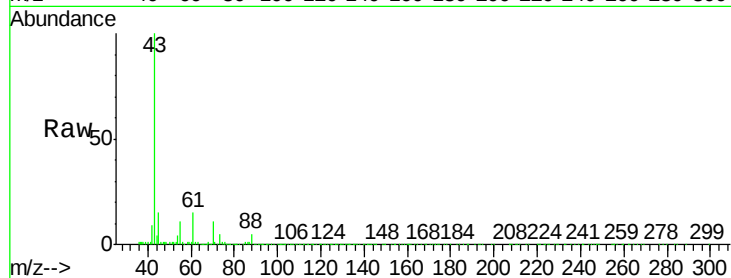
Tgt Ion: 43 Resp: 153664

Ion Ratio Lower Upper

43 100

61 13.7 10.8 16.2

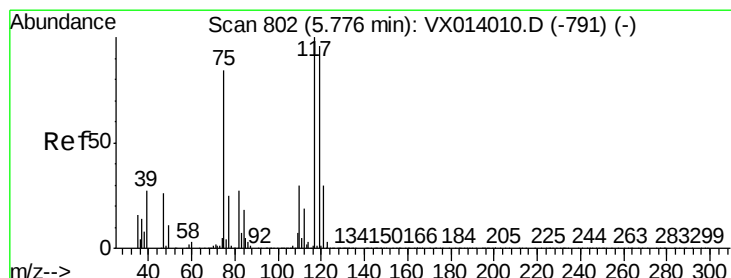
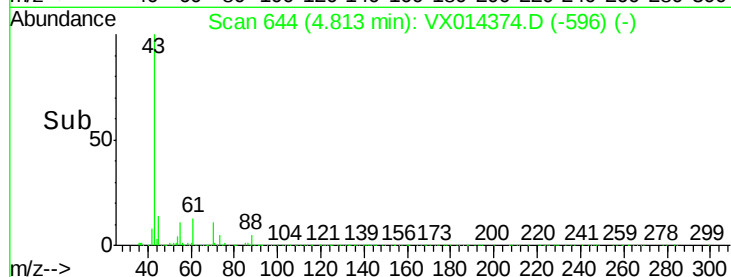
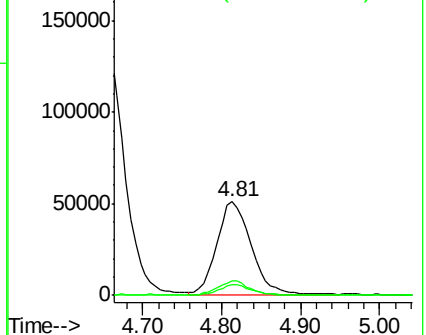
70 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.908 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

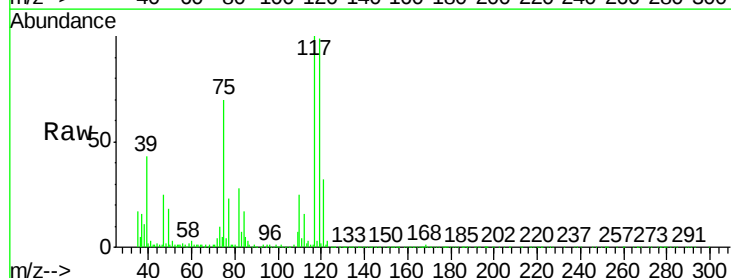
Tgt Ion: 117 Resp: 108758

Ion Ratio Lower Upper

117 100

119 99.5 76.2 114.4

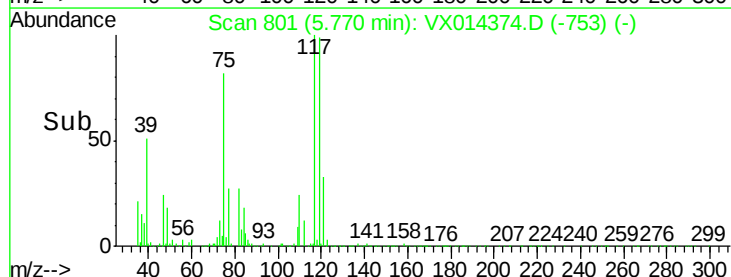
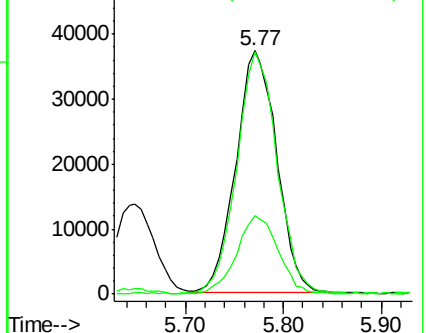
121 32.5 23.6 35.4

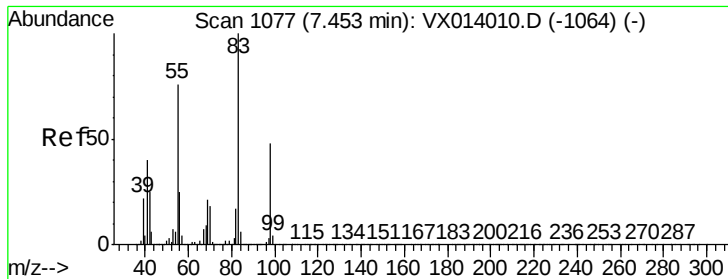


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

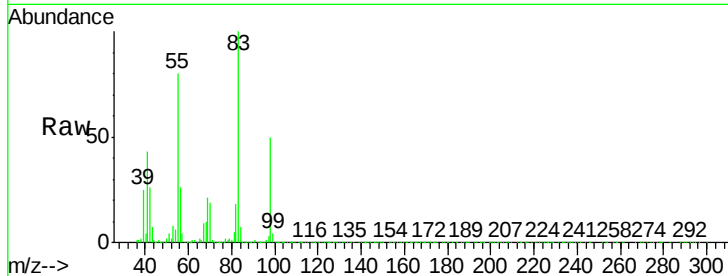




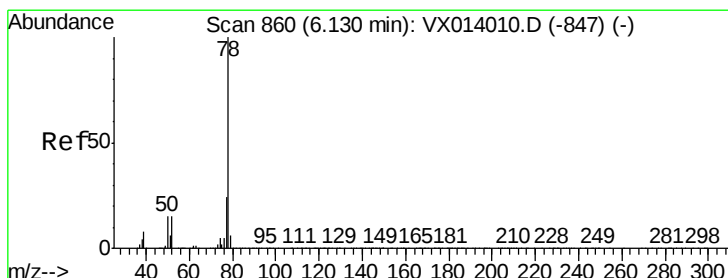
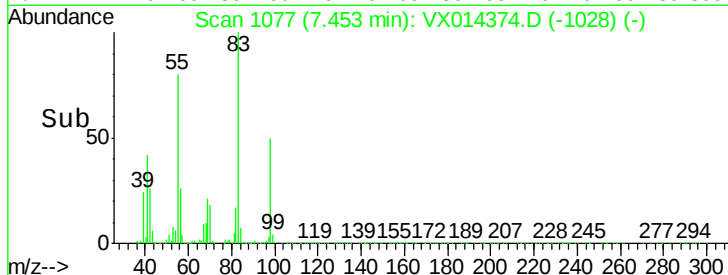
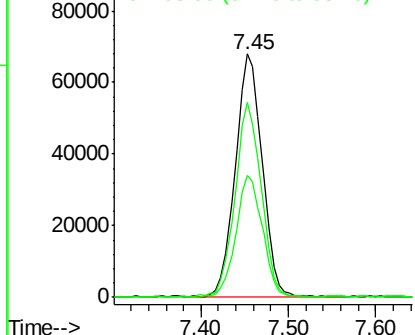
#39
Methylcyclohexane
Concen: 18.693 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tgt Ion: 83 Resp: 145730
Ion Ratio Lower Upper
83 100
55 80.0 61.0 91.6
98 49.9 38.6 57.8

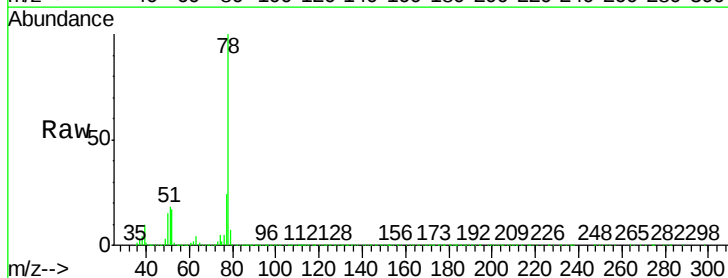


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

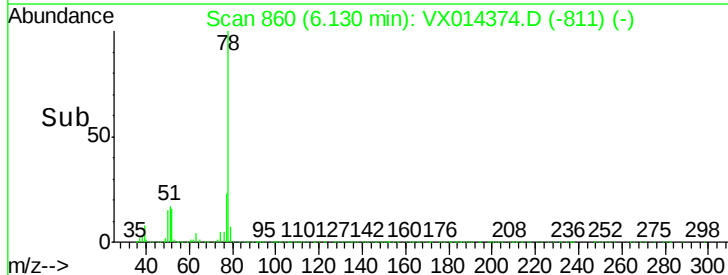
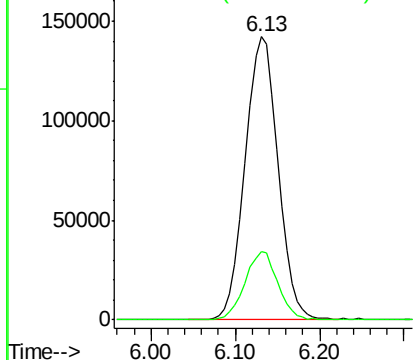


#40
Benzene
Concen: 19.422 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 78 Resp: 377312
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.104 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

Tgt Ion: 41 Resp: 81642

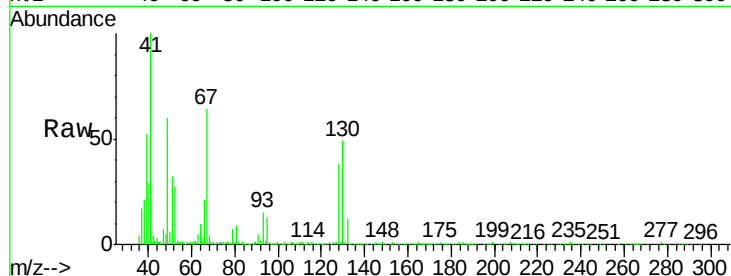
Ion Ratio Lower Upper

41 100

39 53.5 44.5 66.7

67 70.8 57.4 86.0

52 27.5 23.0 34.4

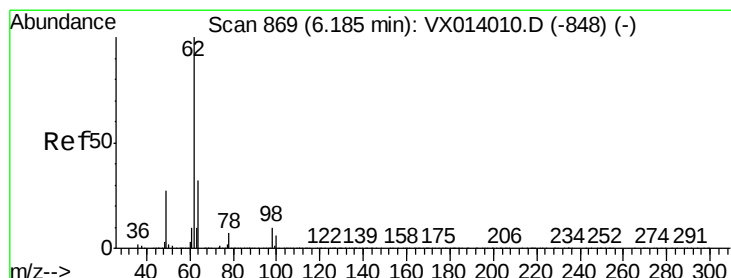
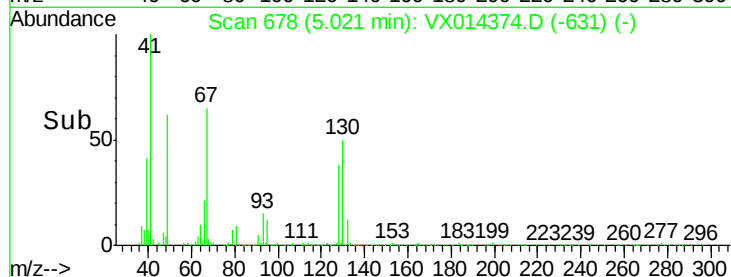
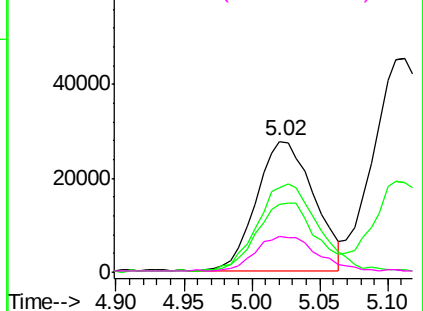


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.517 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014374.D

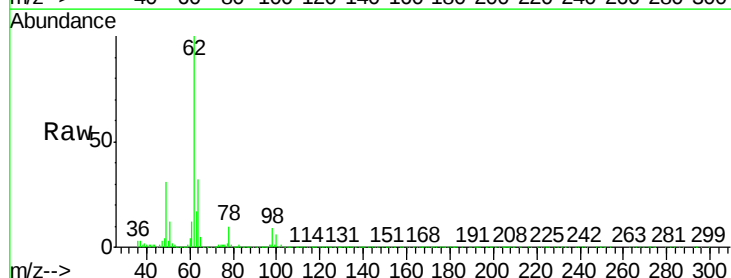
Acq: 31 Dec 2019 12:57

Tgt Ion: 62 Resp: 135107

Ion Ratio Lower Upper

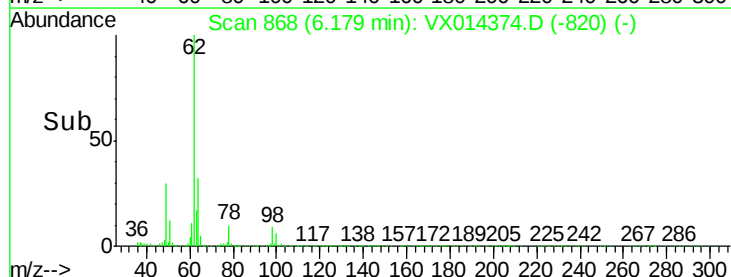
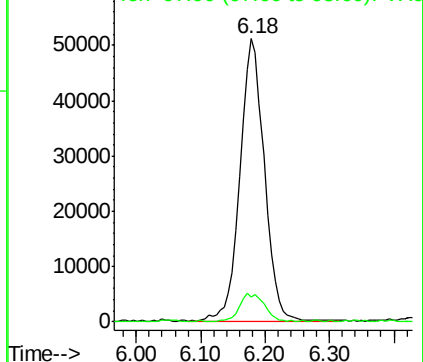
62 100

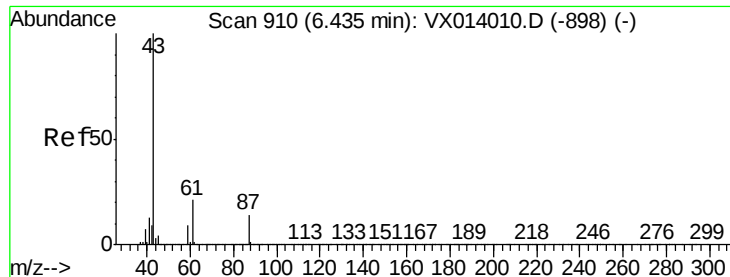
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.141 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

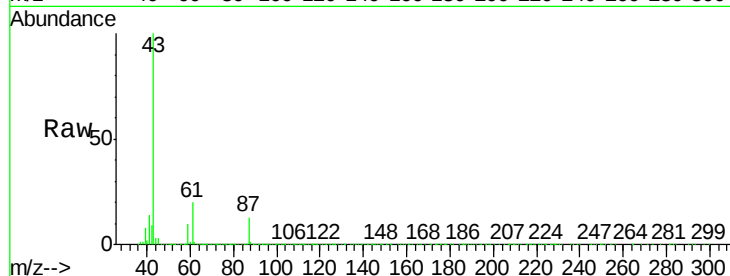
Tgt Ion: 43 Resp: 243940

Ion Ratio Lower Upper

43 100

61 20.3 16.4 24.6

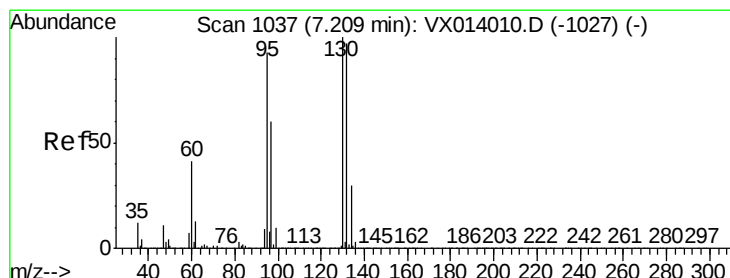
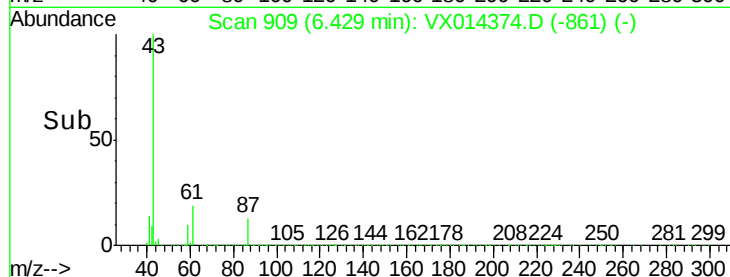
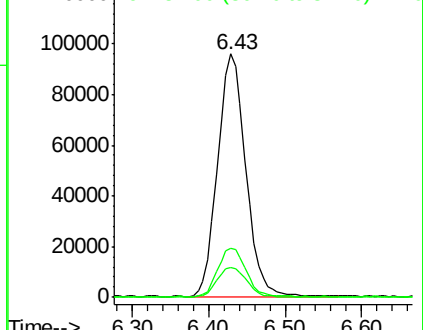
87 13.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.464 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014374.D

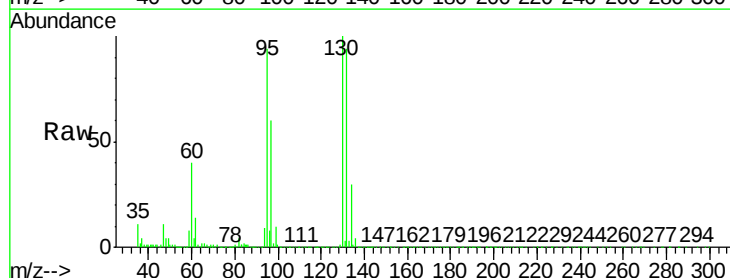
Acq: 31 Dec 2019 12:57

Tgt Ion: 130 Resp: 104441

Ion Ratio Lower Upper

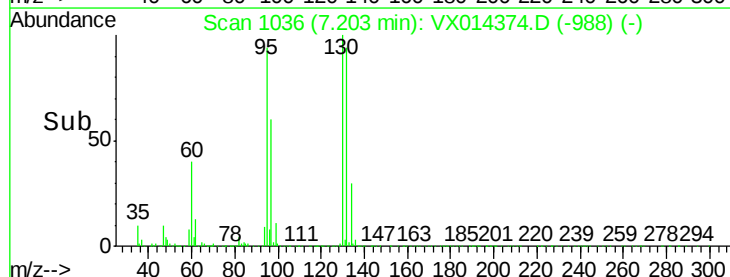
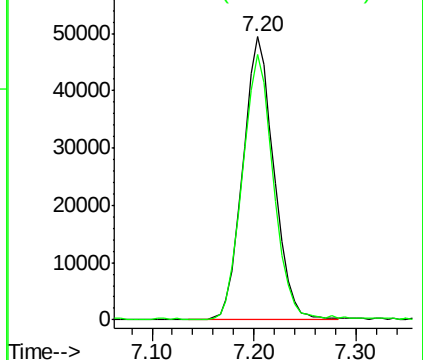
130 100

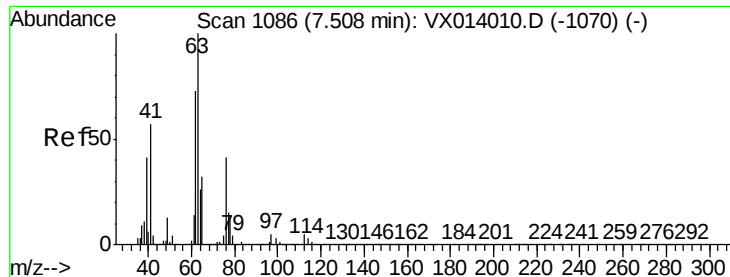
95 93.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.555 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

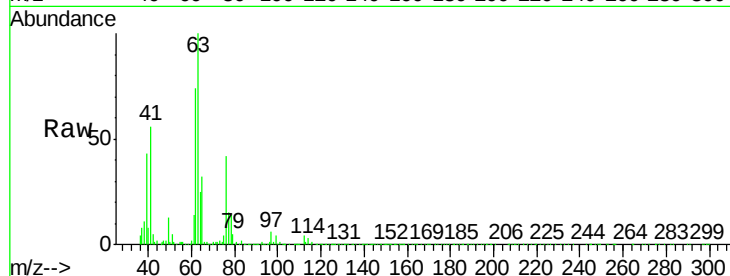
VX1231MBS01

Tgt Ion: 63 Resp: 102350

Ion Ratio Lower Upper

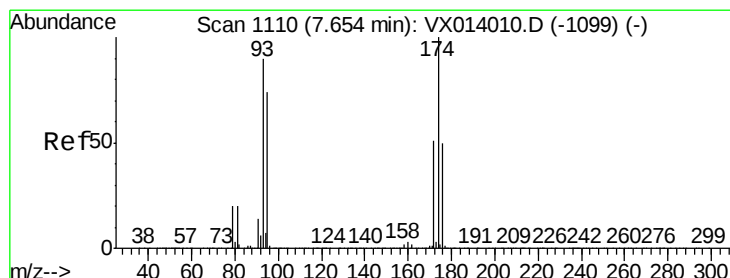
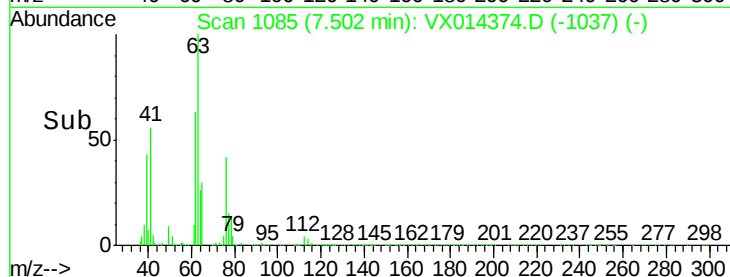
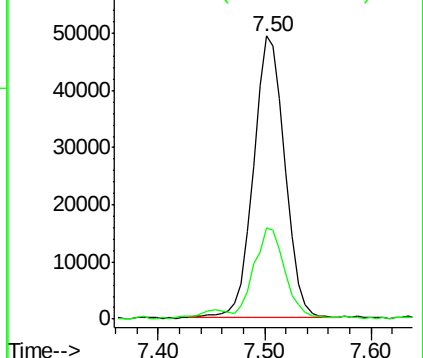
63 100

65 31.8 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.478 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

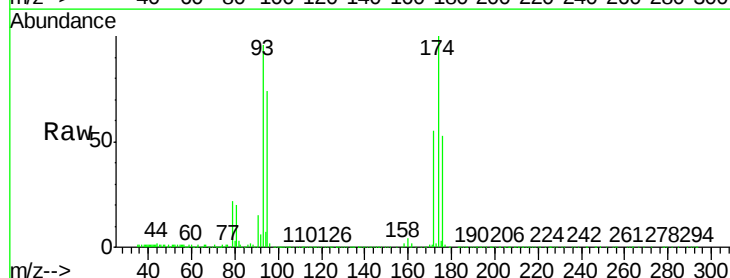
Tgt Ion: 93 Resp: 67414

Ion Ratio Lower Upper

93 100

95 82.2 67.3 100.9

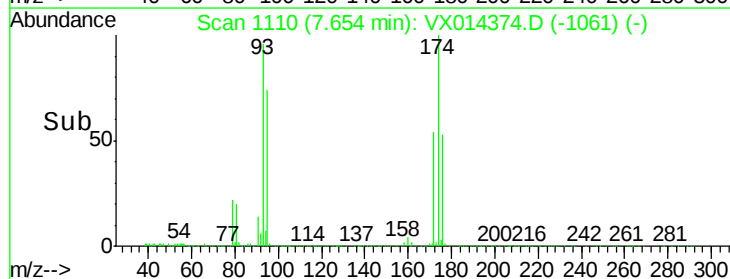
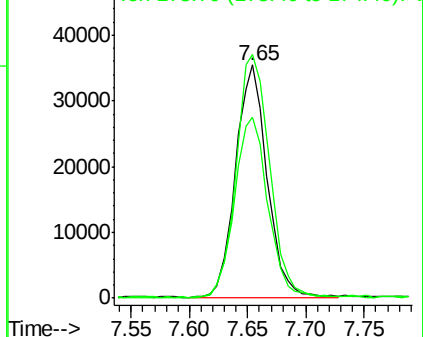
174 109.6 91.6 137.4

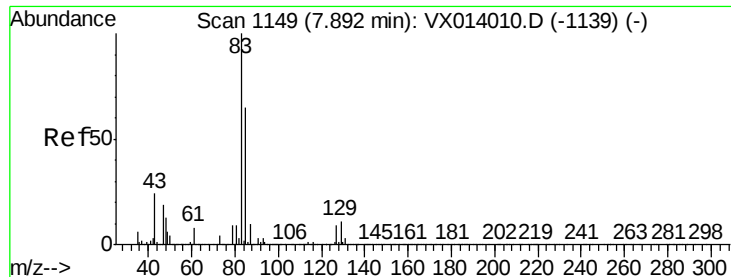


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.212 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

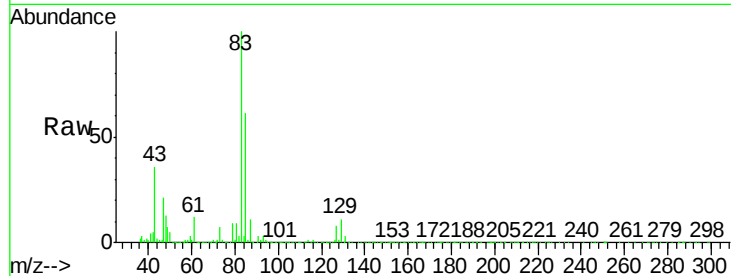
Tgt Ion: 83 Resp: 125314

Ion Ratio Lower Upper

83 100

85 60.8 51.8 77.8

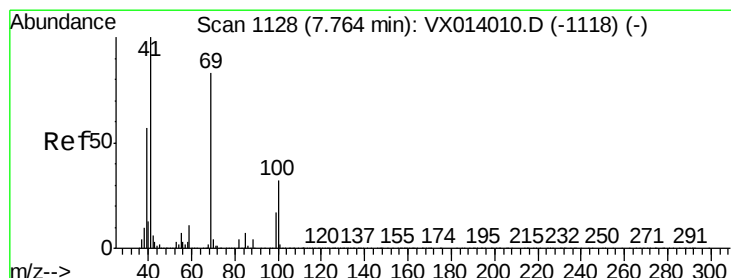
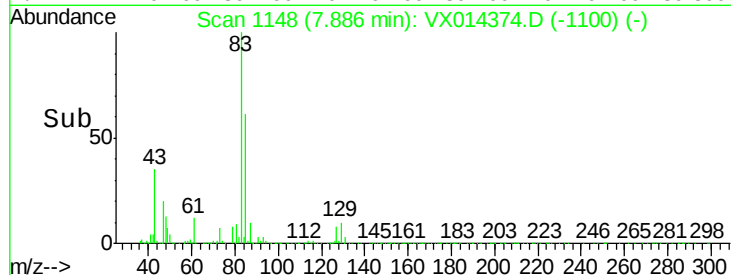
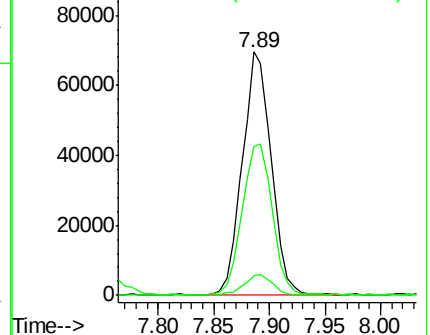
127 7.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.344 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

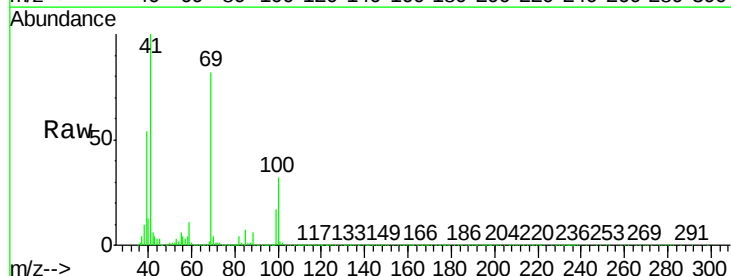
Tgt Ion: 41 Resp: 114946

Ion Ratio Lower Upper

41 100

69 83.5 65.8 98.6

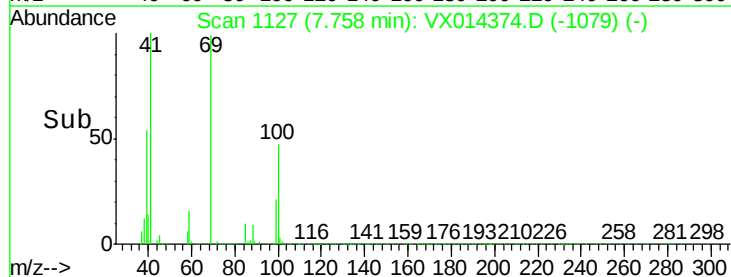
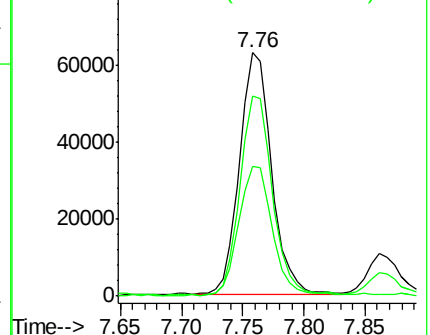
39 55.6 44.6 67.0

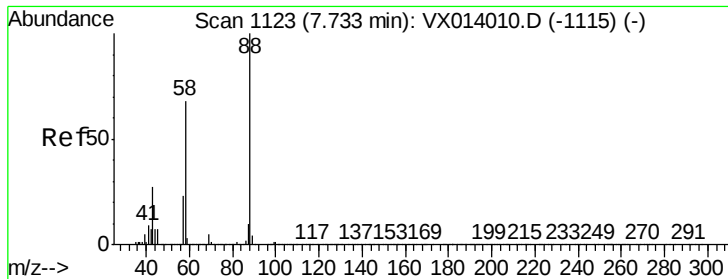


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 411.210 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

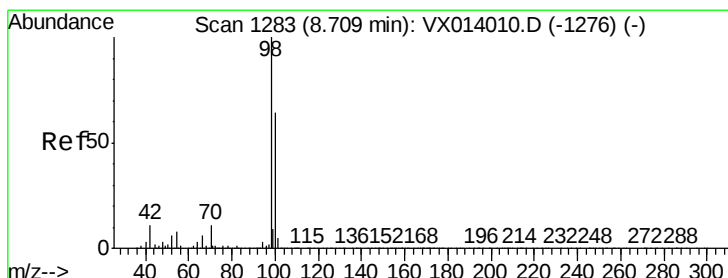
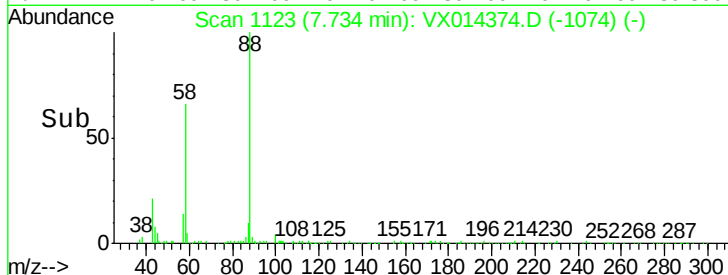
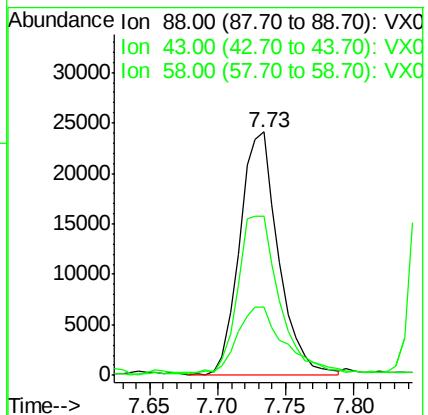
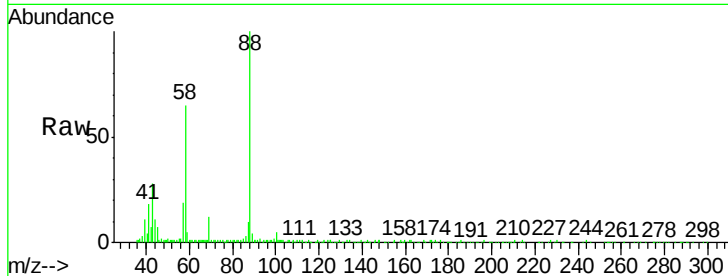
Tgt Ion: 88 Resp: 47282

Ion Ratio Lower Upper

88 100

43 33.4 26.5 39.7

58 70.9 56.8 85.2



#50

Toluene-d8

Concen: 51.860 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014374.D

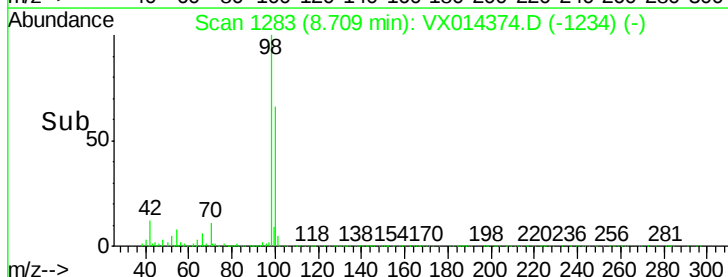
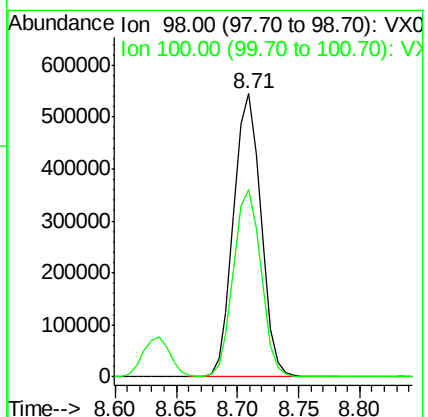
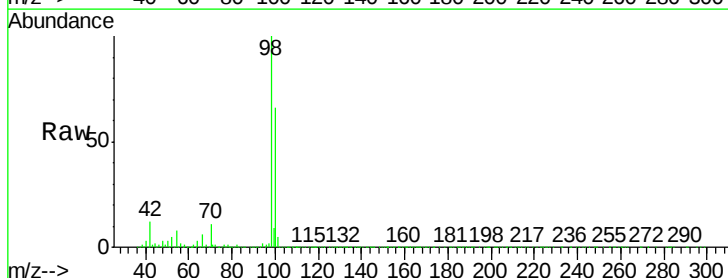
Acq: 31 Dec 2019 12:57

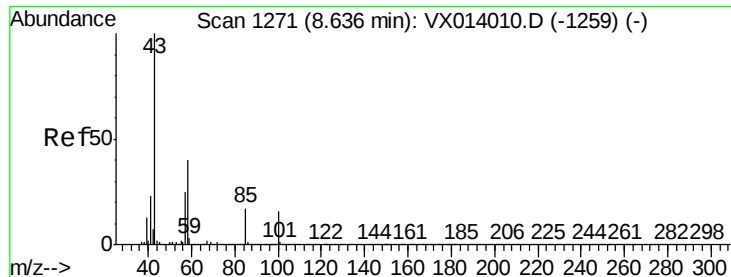
Tgt Ion: 98 Resp: 844559

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3

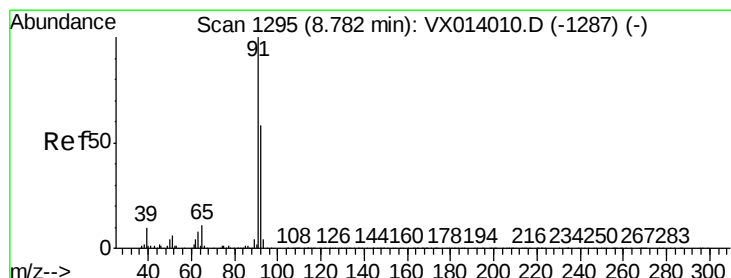
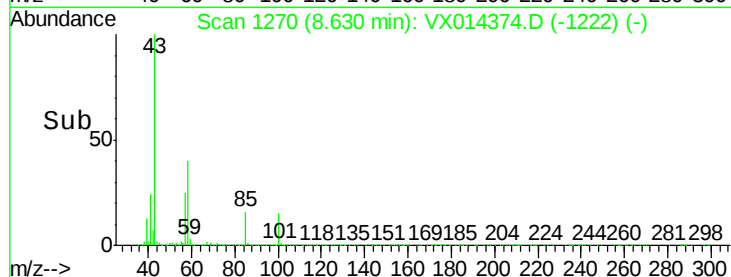
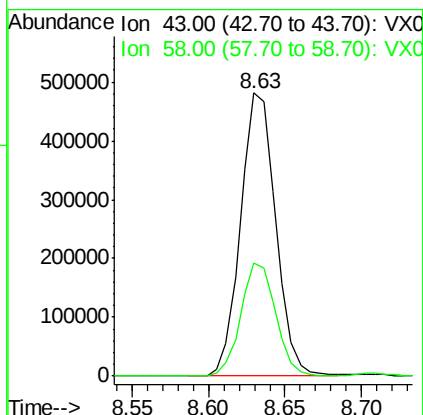
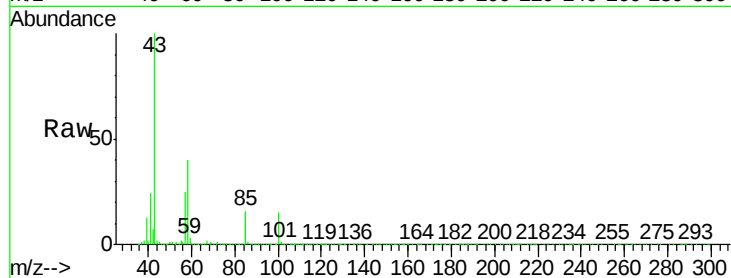




#51
 4-Methyl-2-Pentanone
 Concen: 106.204 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

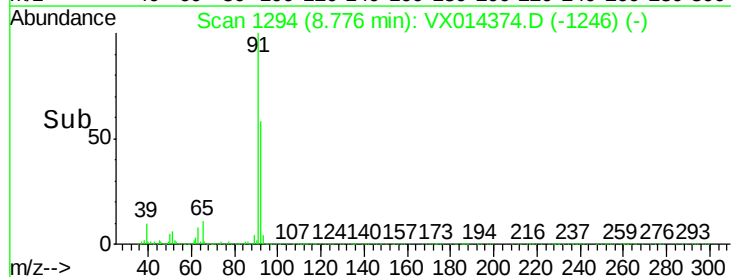
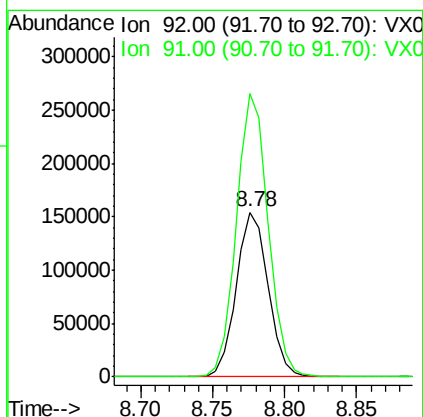
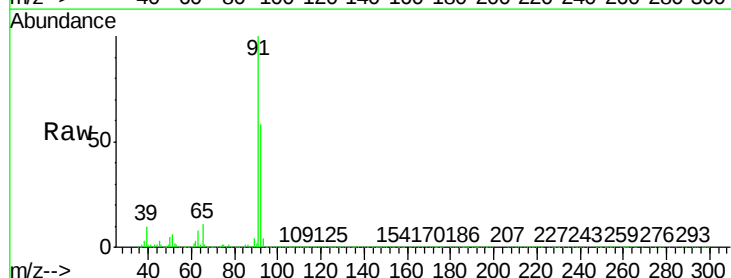
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Tgt Ion: 43 Resp: 769610
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.2



#52
 Toluene
 Concen: 19.275 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion: 92 Resp: 236674
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.2 204.4

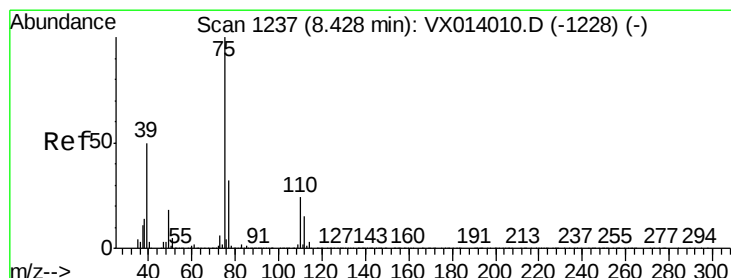
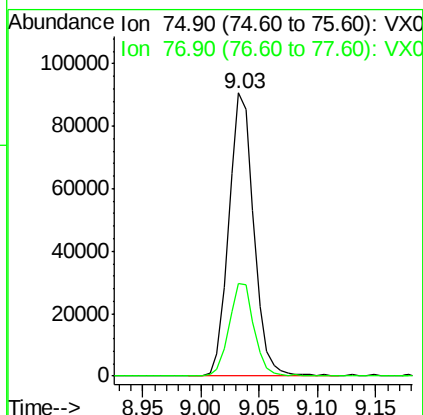
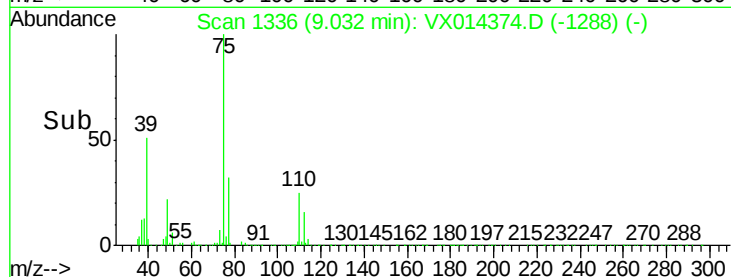
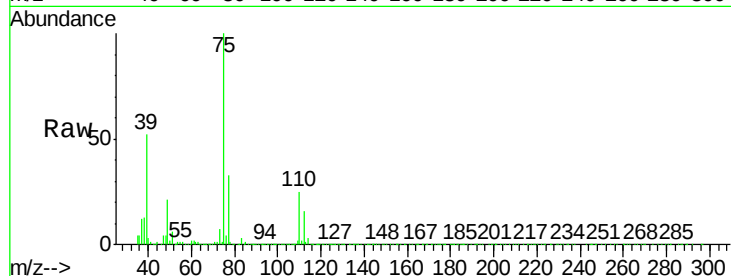




#53
 t-1,3-Dichloropropene
 Concen: 19.766 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

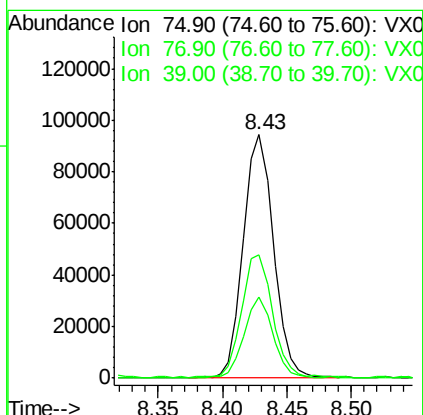
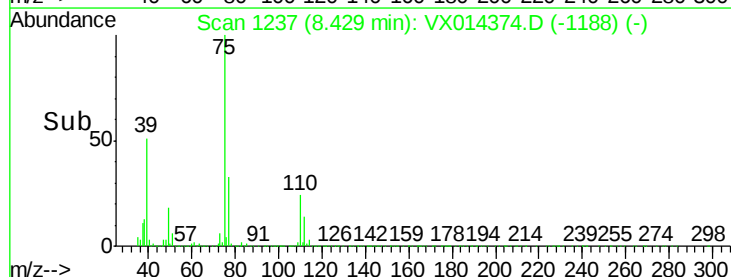
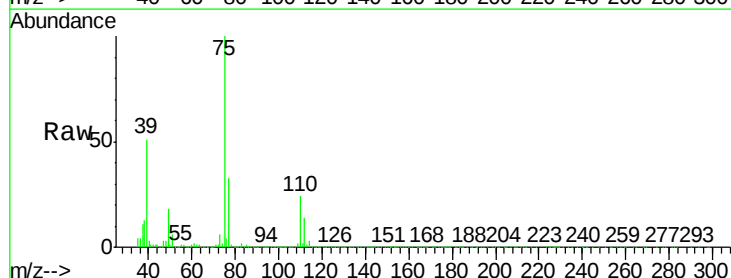
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Tgt Ion: 75 Resp: 134380
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.161 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion: 75 Resp: 152697
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9
 39 50.7 39.9 59.9

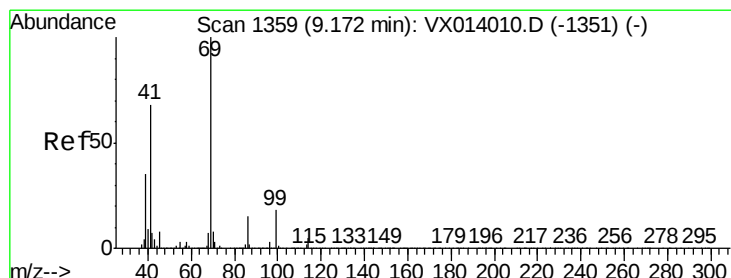
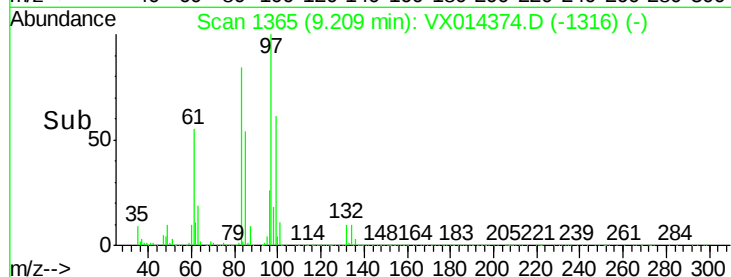
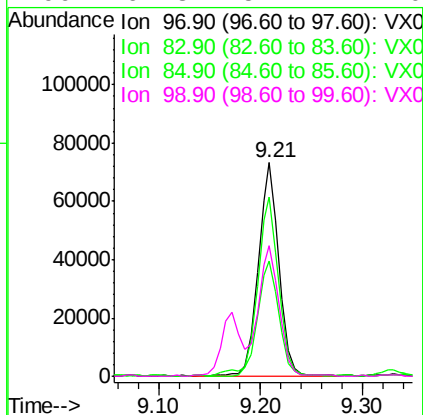
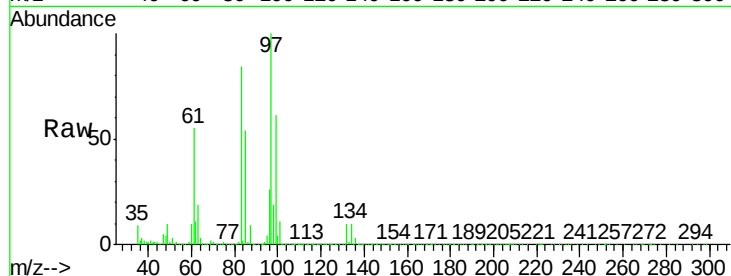




#55
 1,1,2-Trichloroethane
 Concen: 20.970 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

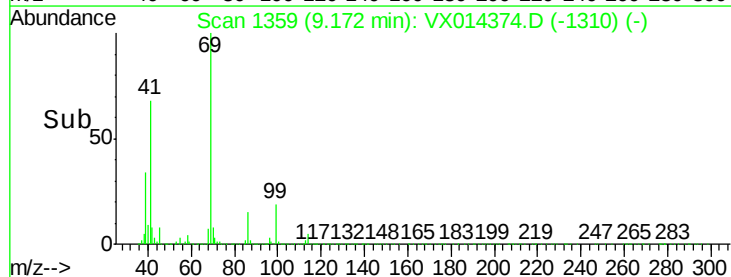
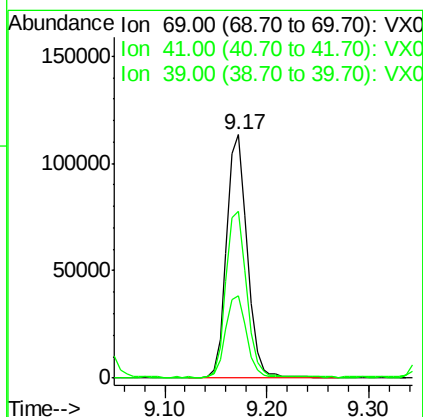
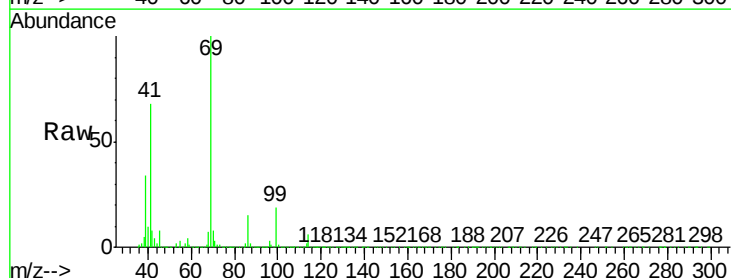
Instrument :
 MSVOA_X
 ClientSampled :
 VX1231MBS01

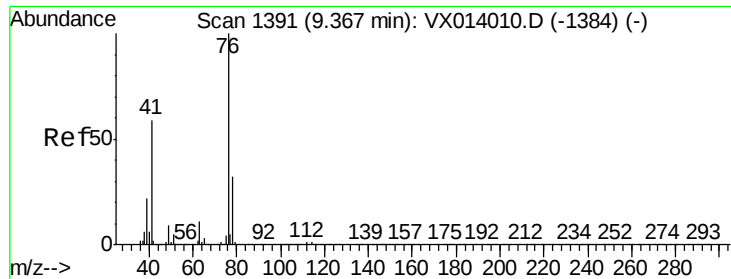
Tgt Ion:	97	Resp:	103199
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.2	102.4
85	53.7	44.6	66.8
99	61.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 20.400 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion:	69	Resp:	157702
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.8	82.2
39	34.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.693 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

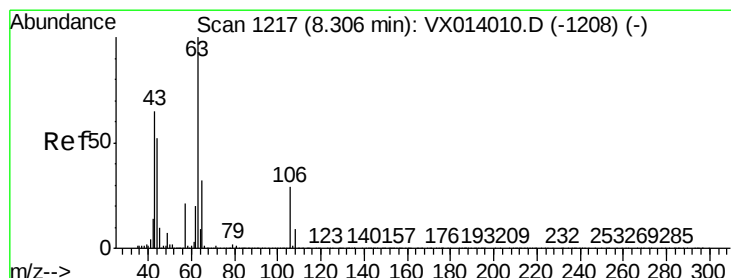
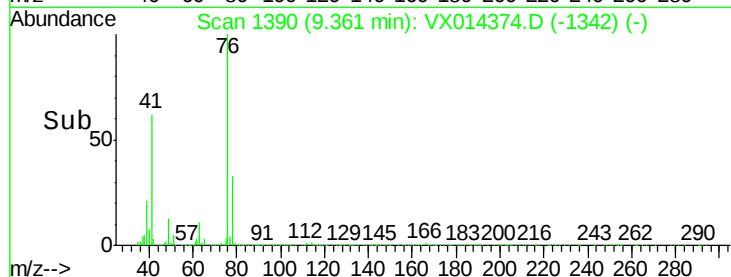
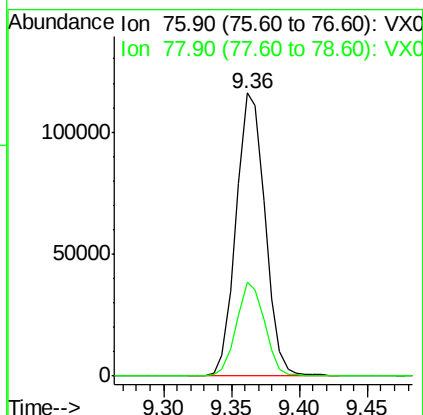
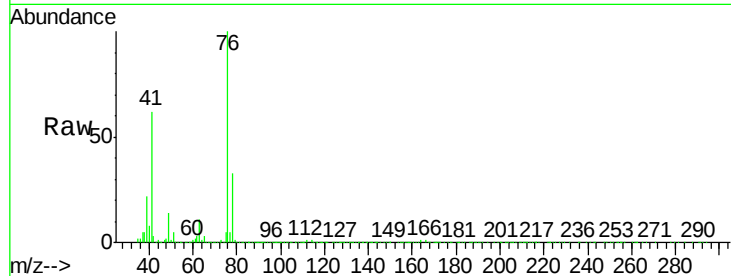
VX1231MBS01

Tgt Ion: 76 Resp: 171343

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.272 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014374.D

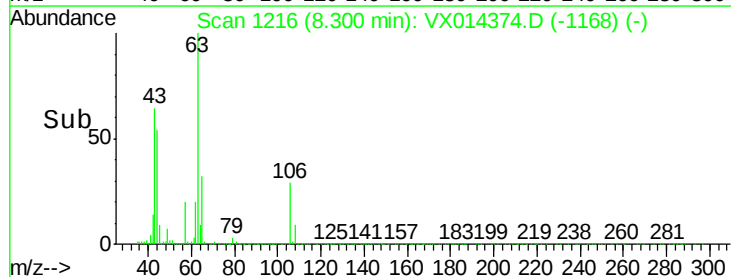
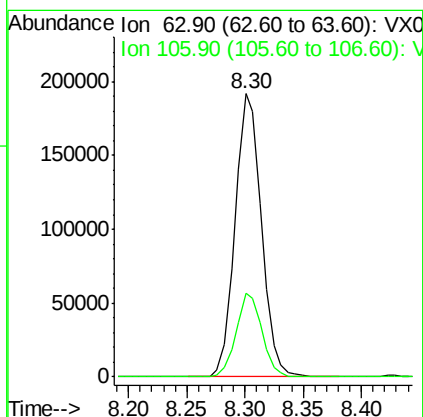
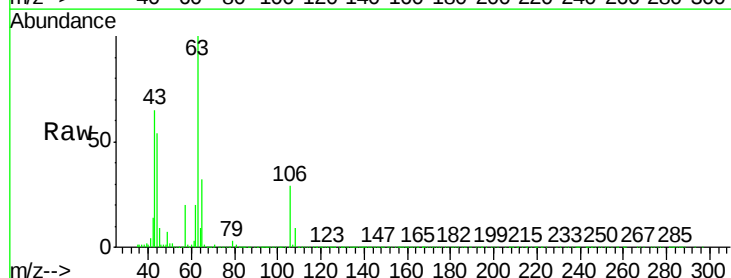
Acq: 31 Dec 2019 12:57

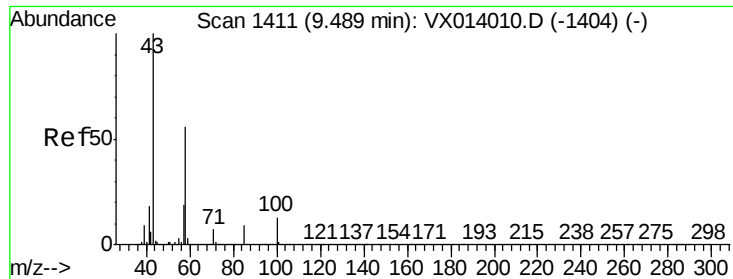
Tgt Ion: 63 Resp: 302127

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.6

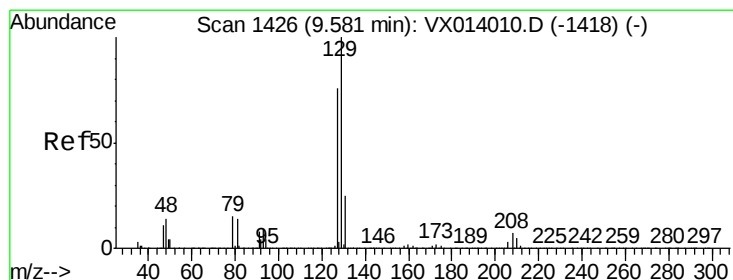
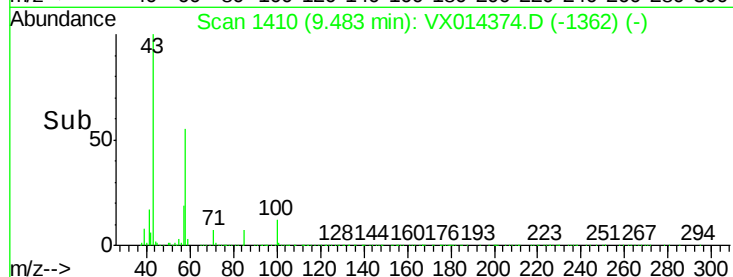
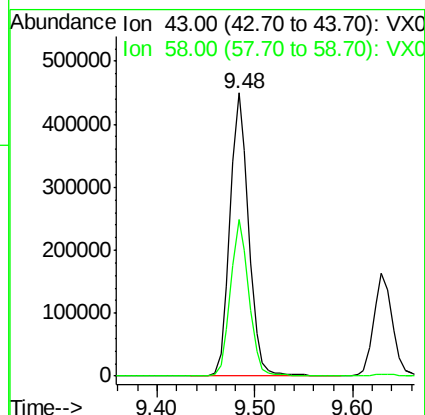
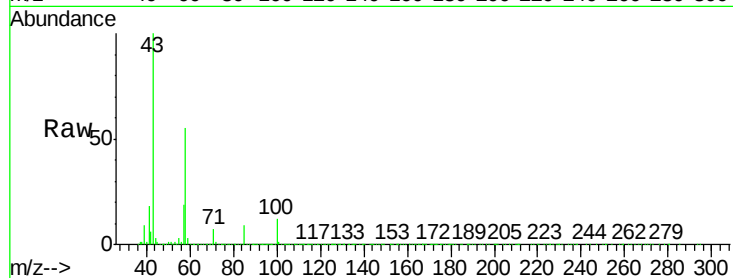




#59
2-Hexanone
Concen: 102.426 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

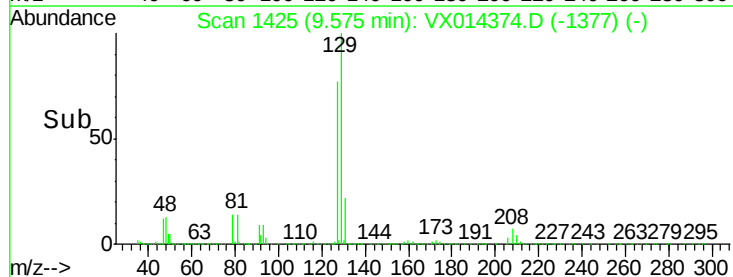
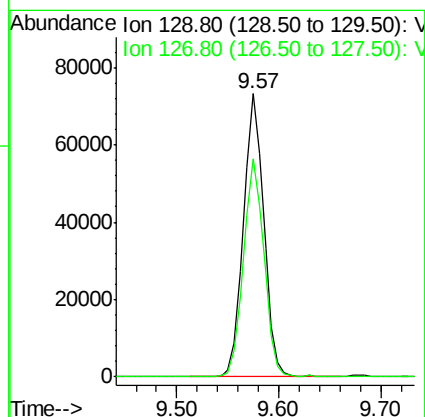
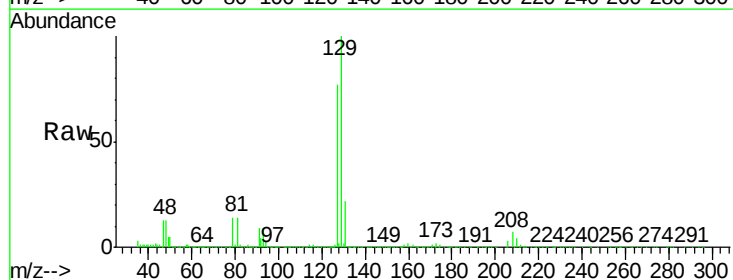
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

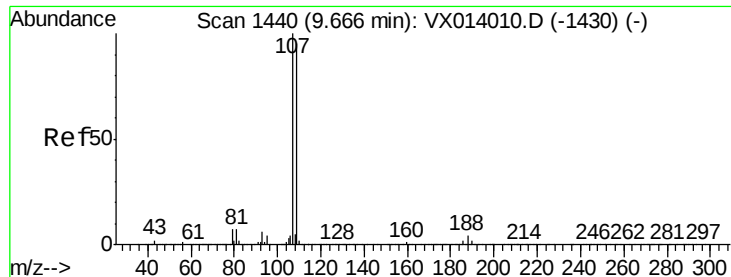
Tgt Ion: 43 Resp: 597498
Ion Ratio Lower Upper
43 100
58 54.3 28.0 84.0



#60
Dibromochloromethane
Concen: 20.728 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 129 Resp: 101398
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.817 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

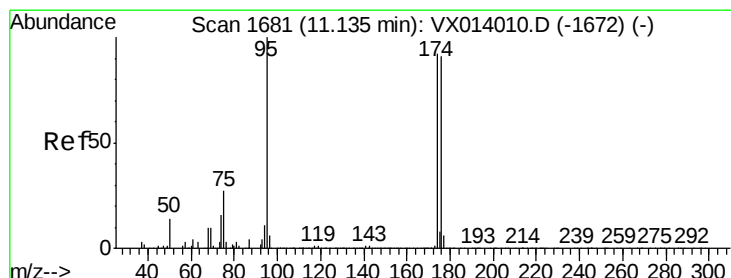
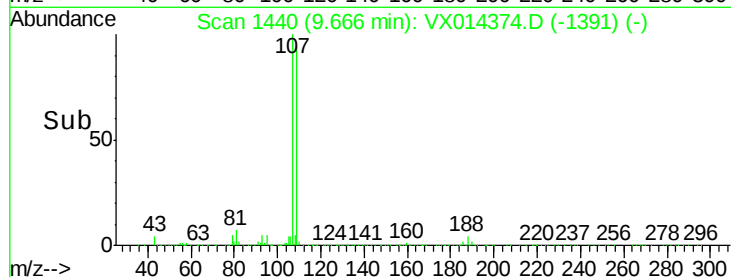
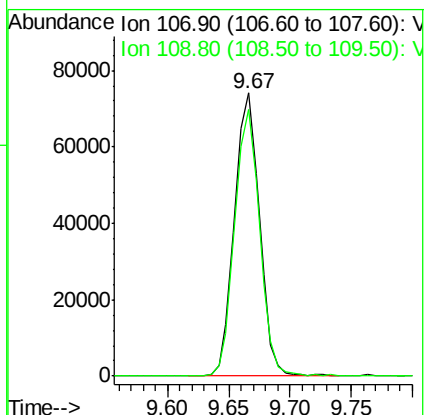
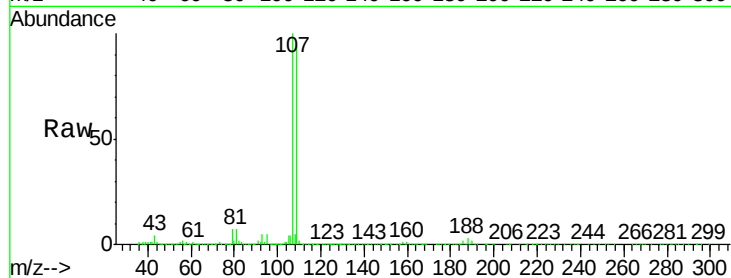
VX1231MBS01

Tgt Ion: 107 Resp: 104821

Ion Ratio Lower Upper

107 100

109 94.3 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 51.200 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

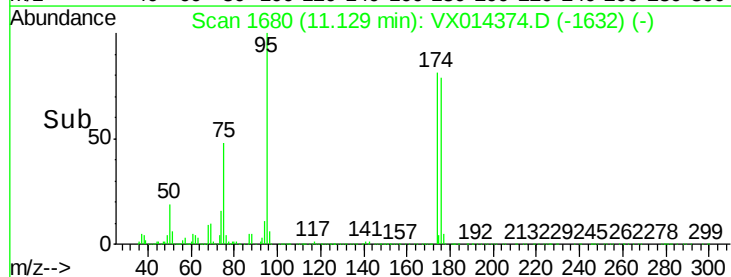
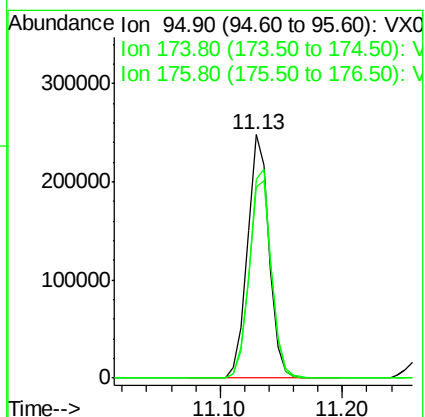
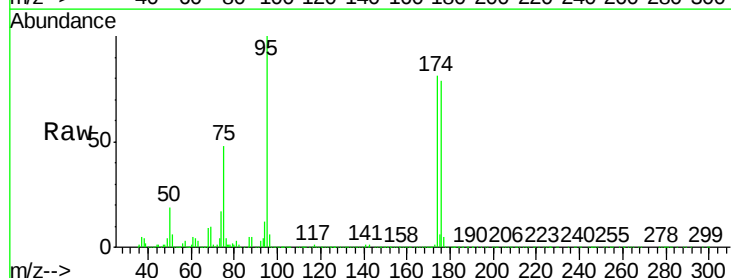
Tgt Ion: 95 Resp: 304794

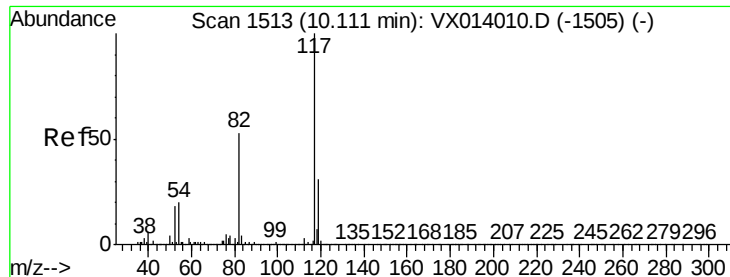
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 84.3 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

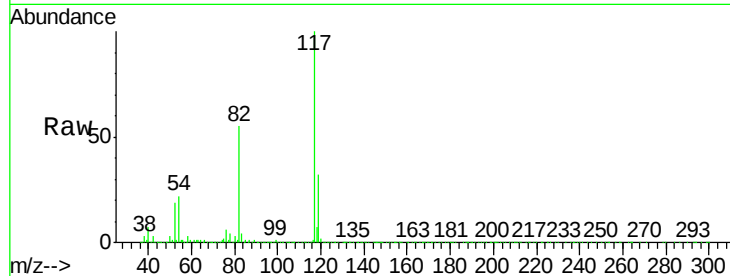
Tgt Ion:117 Resp: 624826

Ion Ratio Lower Upper

117 100

82 55.2 42.2 63.4

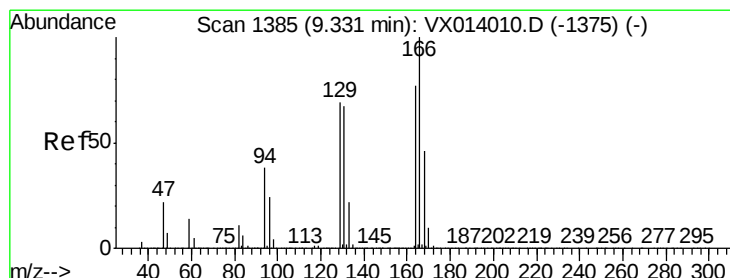
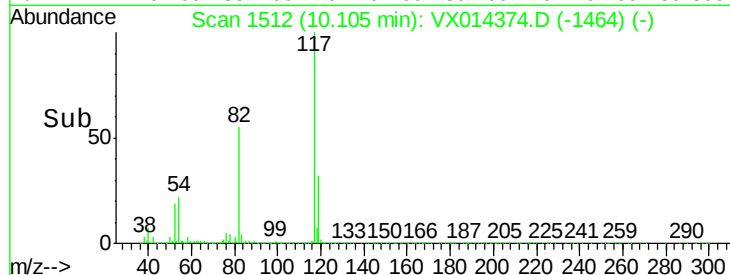
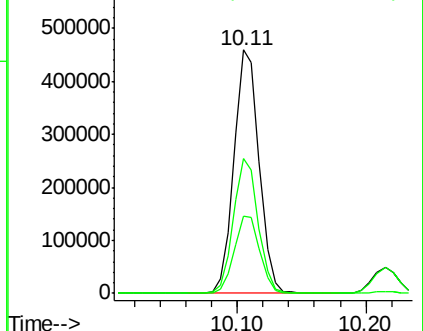
119 31.6 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.639 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Tgt Ion:164 Resp: 114111

Ion Ratio Lower Upper

164 100

166 125.4 104.0 156.0

129 87.7 72.2 108.4

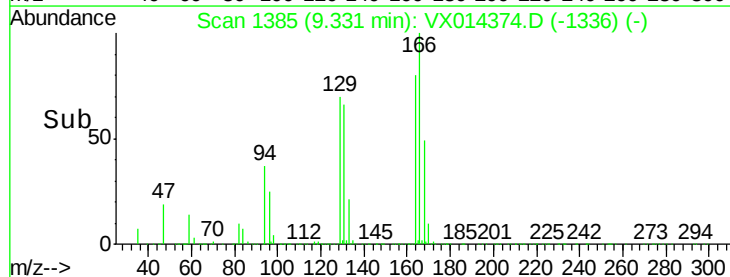
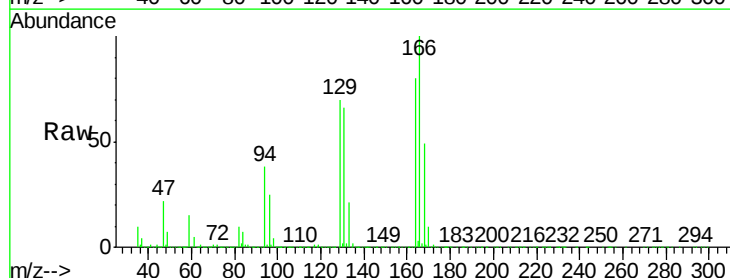
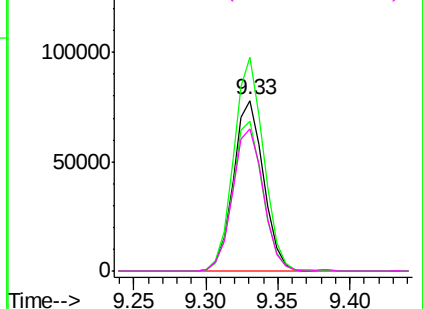
131 83.1 69.6 104.4

Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.507 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

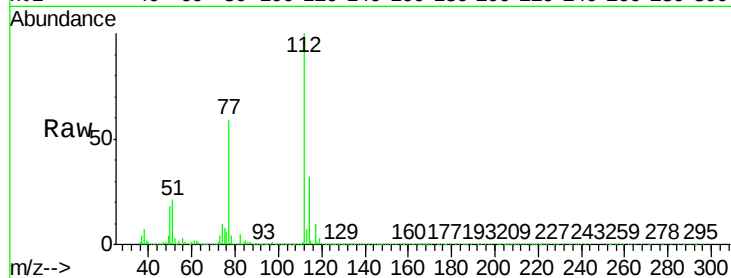
VX1231MBS01

Tgt Ion:112 Resp: 259150

Ion Ratio Lower Upper

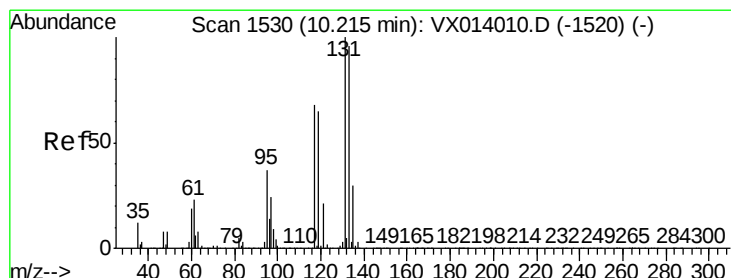
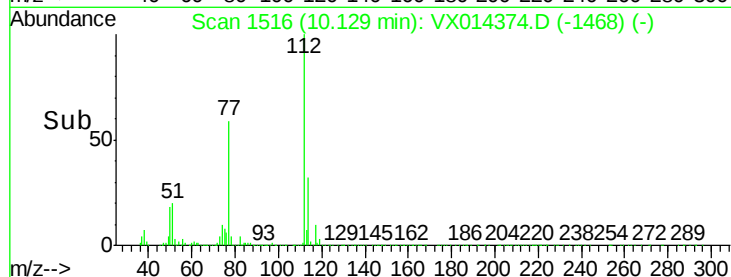
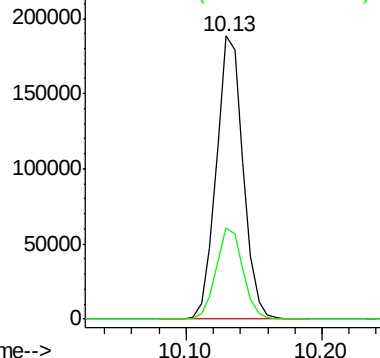
112 100

114 32.2 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.998 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

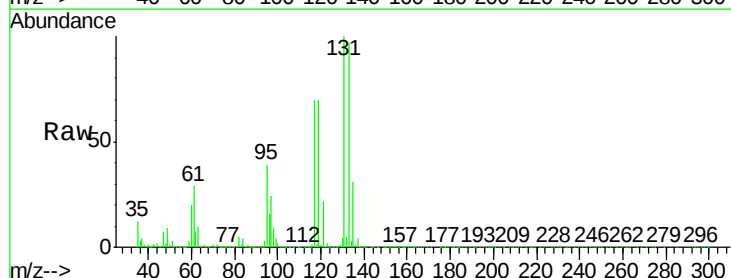
Tgt Ion:131 Resp: 94861

Ion Ratio Lower Upper

131 100

133 93.1 48.0 144.0

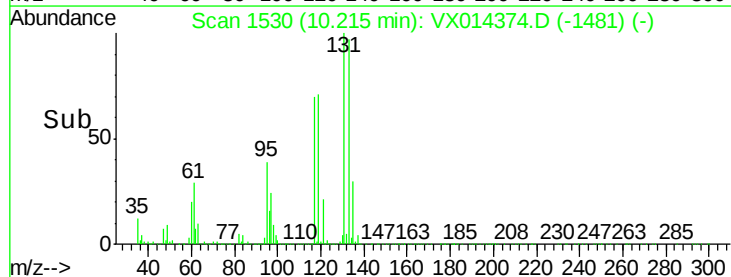
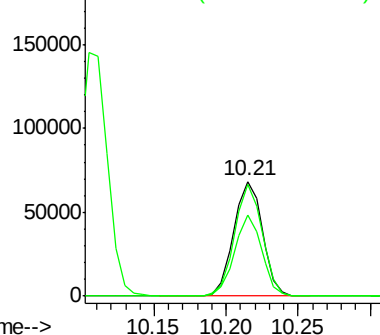
119 66.5 33.4 100.2

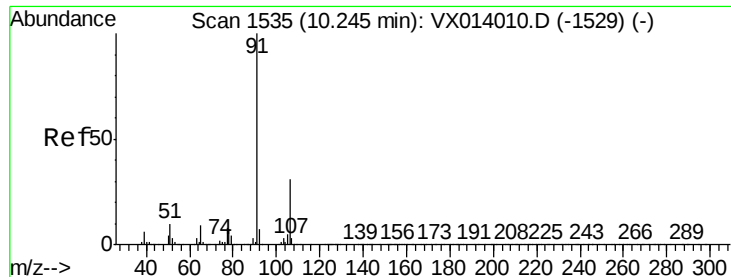


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

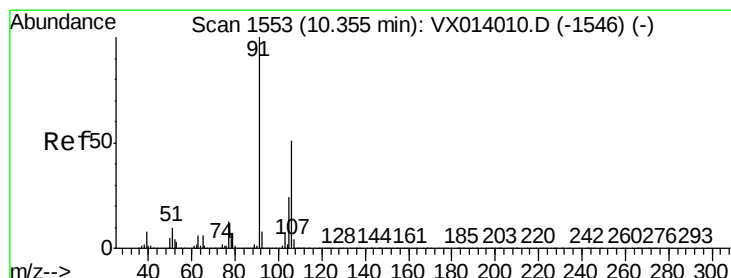
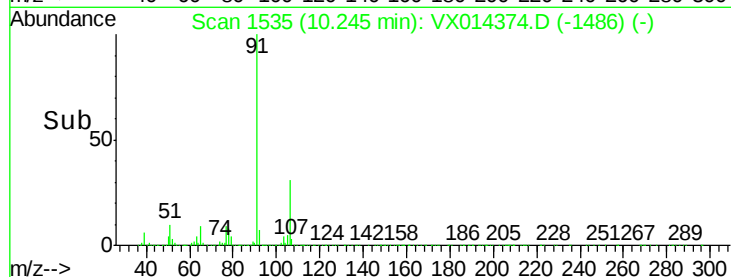
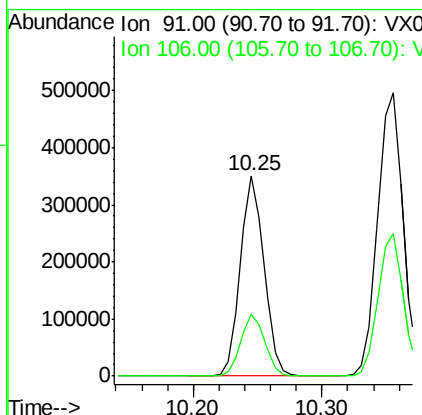
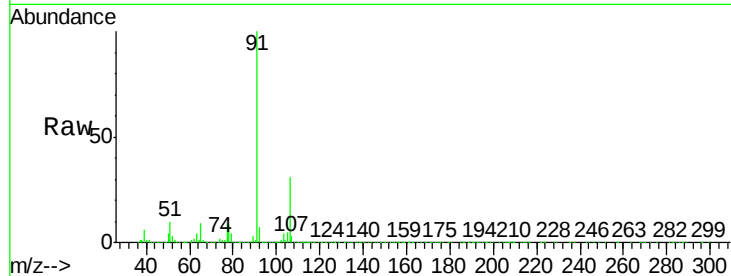




#67
Ethyl Benzene
Concen: 19.651 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

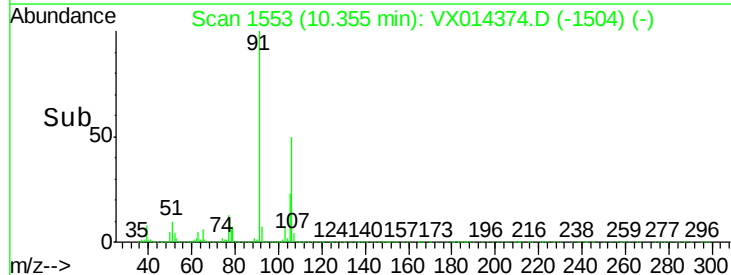
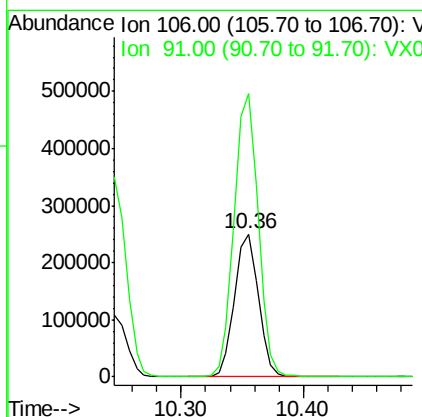
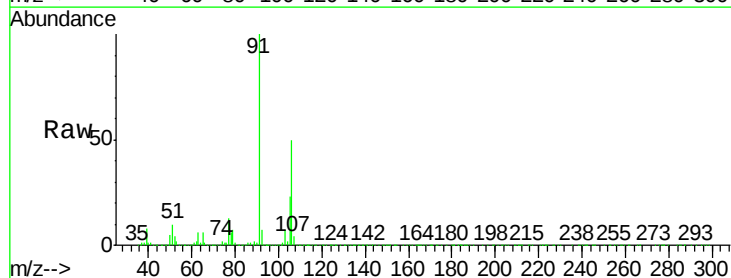
Instrument :
MSVOA_X
ClientSampled :
VX1231MBS01

Tgt Ion: 91 Resp: 448850
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6



#68
m/p-Xylenes
Concen: 38.317 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 106 Resp: 336605
Ion Ratio Lower Upper
106 100
91 199.7 158.6 238.0

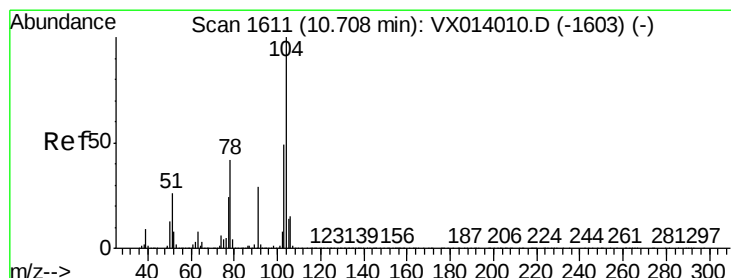
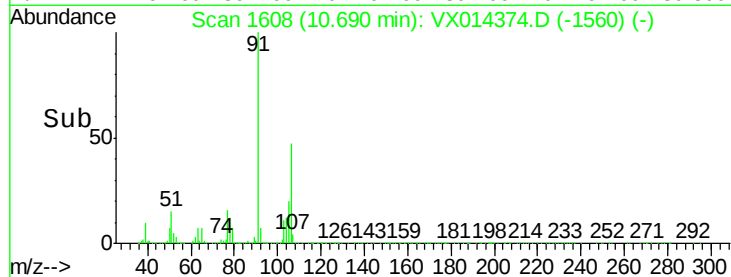
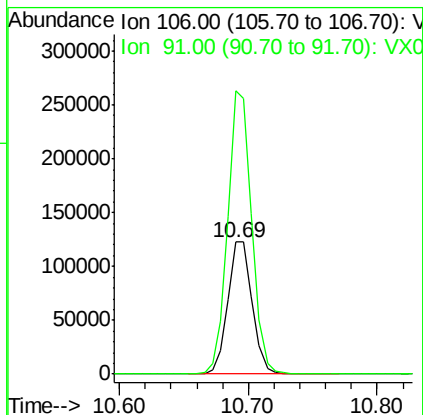
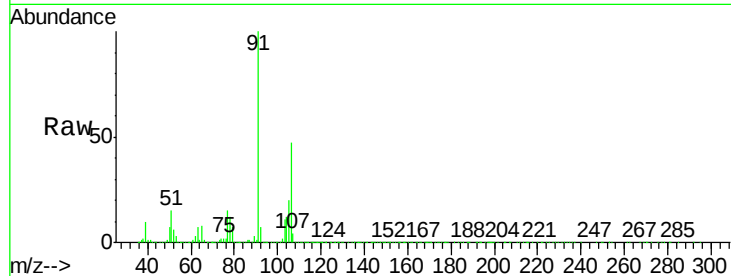




#69
o-Xylene
Concen: 19.036 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

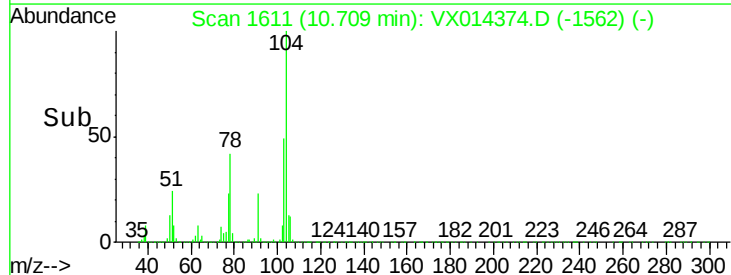
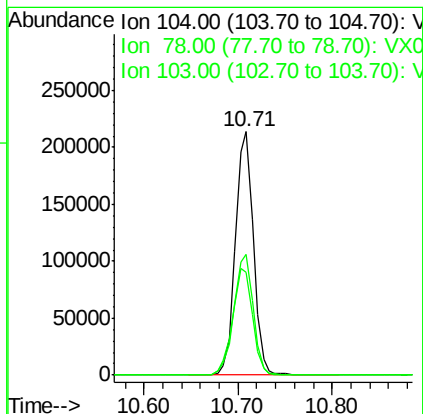
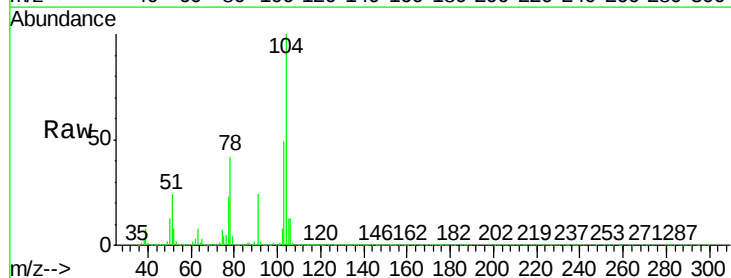
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

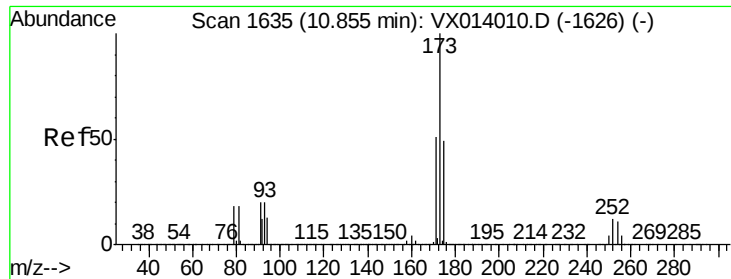
Tgt Ion:106 Resp: 164008
Ion Ratio Lower Upper
106 100
91 209.9 104.2 312.6



#70
Styrene
Concen: 19.487 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion:104 Resp: 283913
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 53.0 42.9 64.3

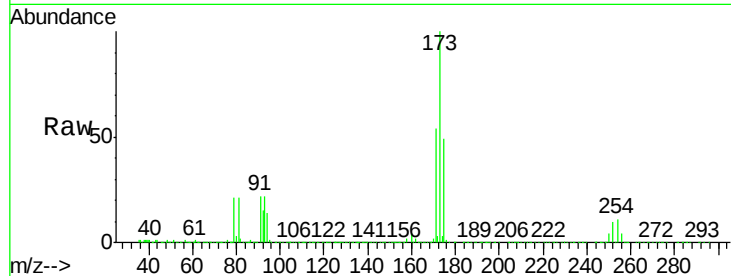




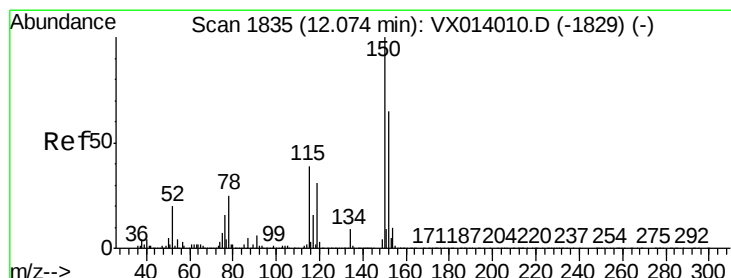
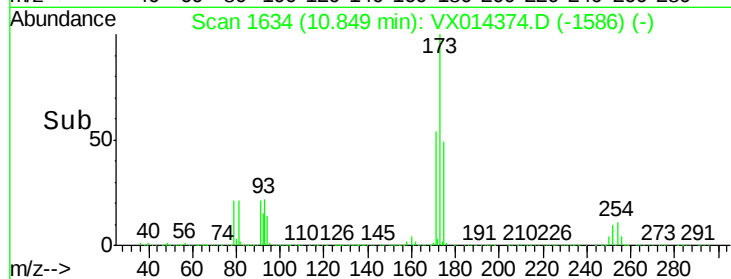
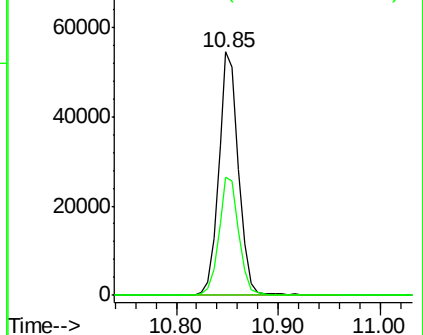
#71
Bromoform
Concen: 19.305 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tgt Ion:173 Resp: 73610
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.1 0.2 0.2#

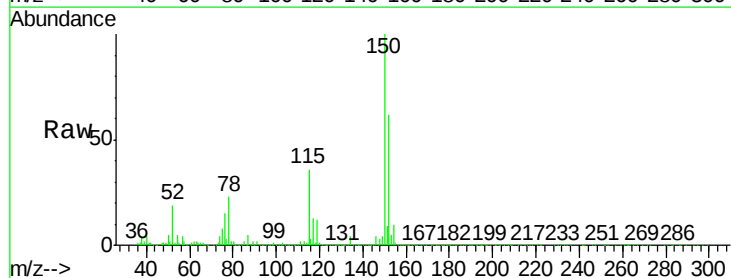


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

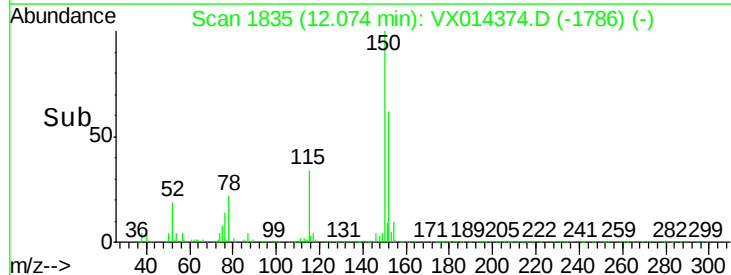
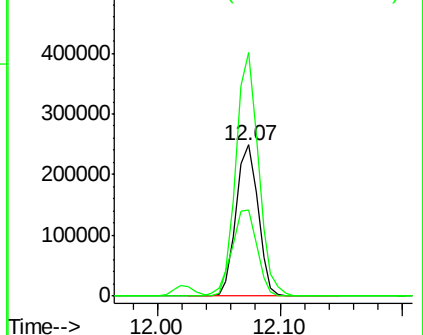


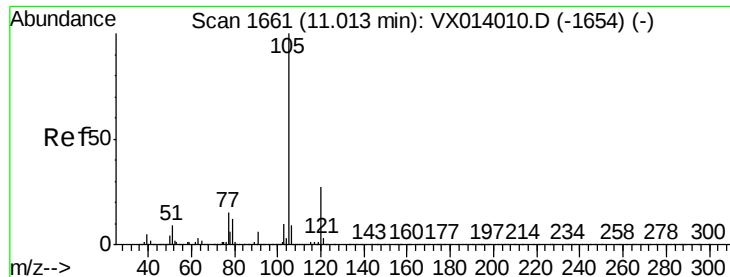
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion:152 Resp: 307705
Ion Ratio Lower Upper
152 100
115 65.2 38.3 114.9
150 164.9 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.316 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

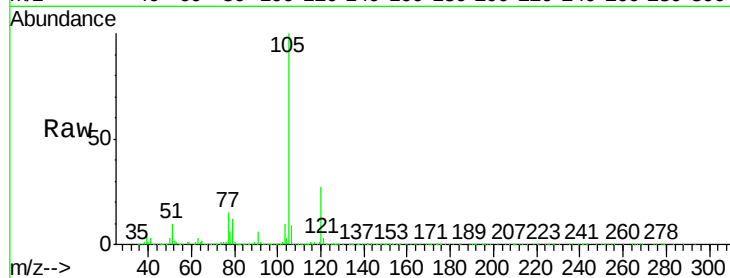
VX1231MBS01

Tgt Ion: 105 Resp: 440149

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

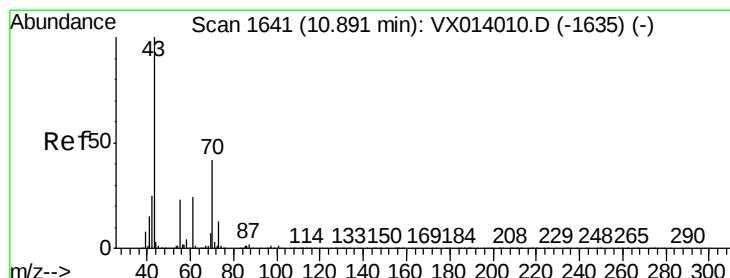
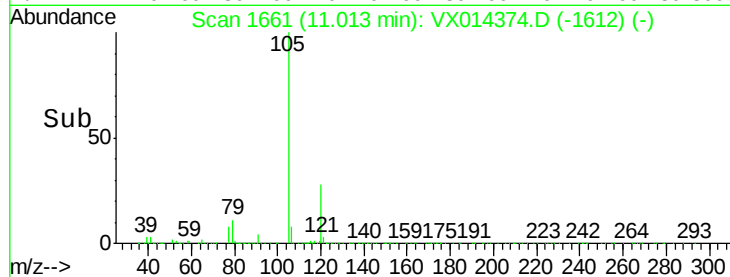
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.691 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Tgt Ion: 43 Resp: 199961

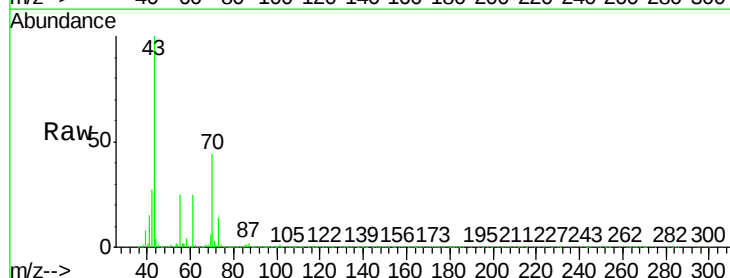
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 24.9 19.1 28.7

61 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

250000

200000

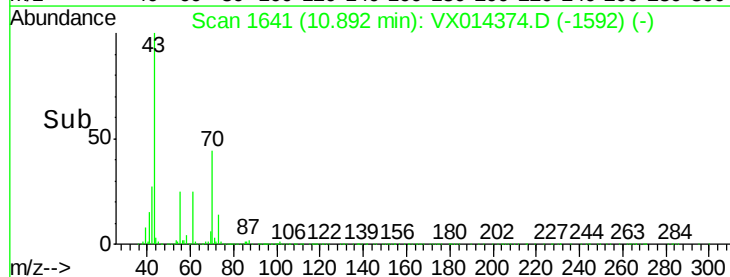
150000

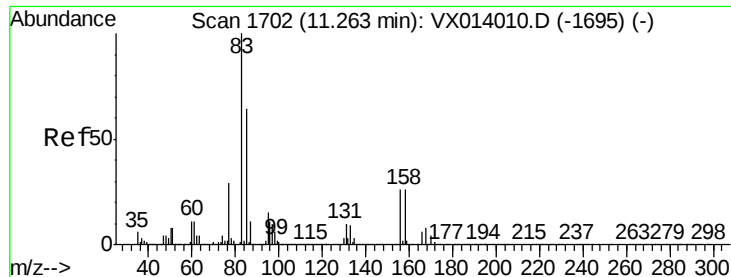
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.635 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

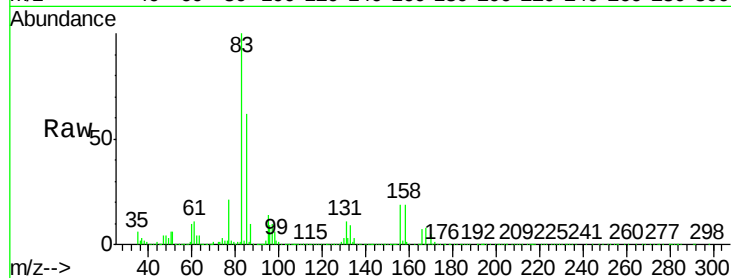
Tgt Ion: 83 Resp: 154991

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

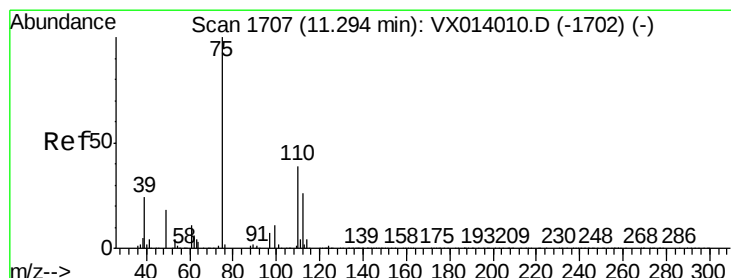
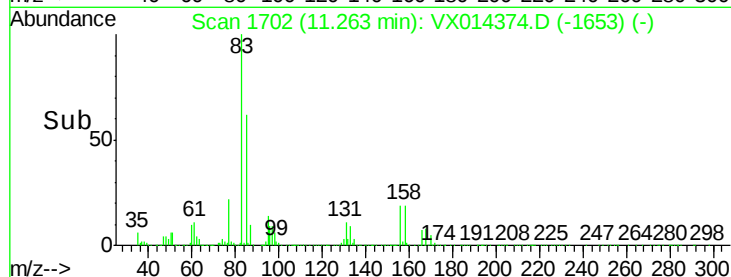
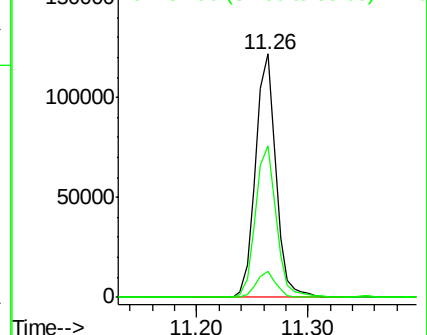
85 64.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.573 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014374.D

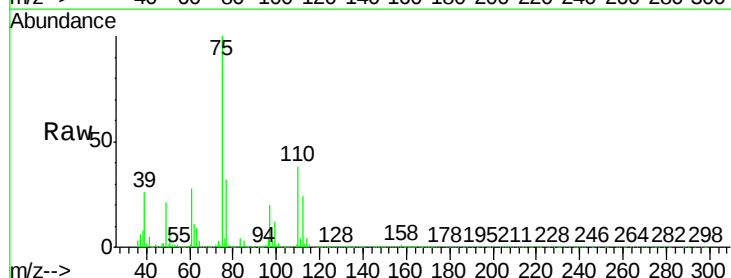
Acq: 31 Dec 2019 12:57

Tgt Ion: 75 Resp: 170832

Ion Ratio Lower Upper

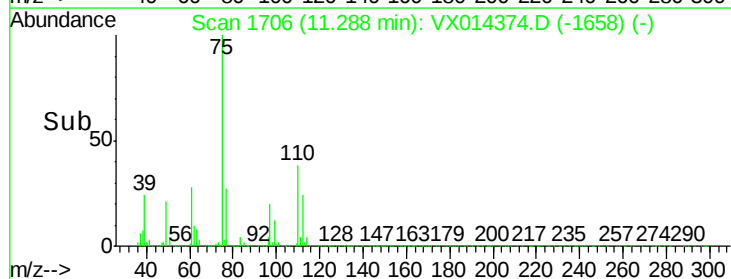
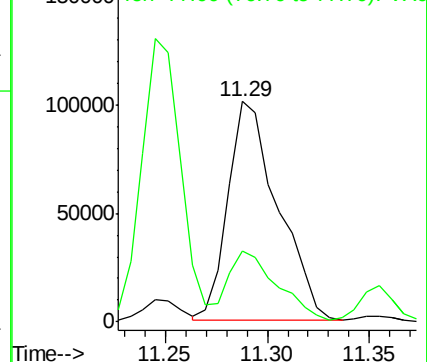
75 100

77 32.6 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.230 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

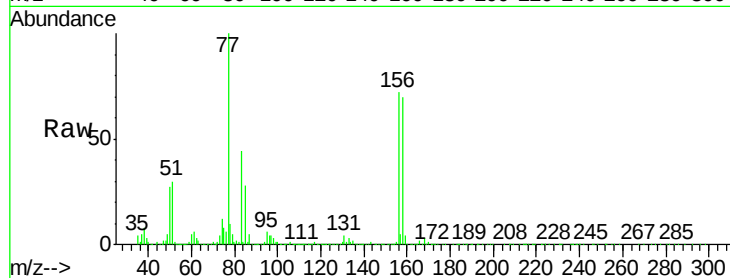
Tgt Ion: 156 Resp: 114623

Ion Ratio Lower Upper

156 100

77 151.1 76.5 229.5

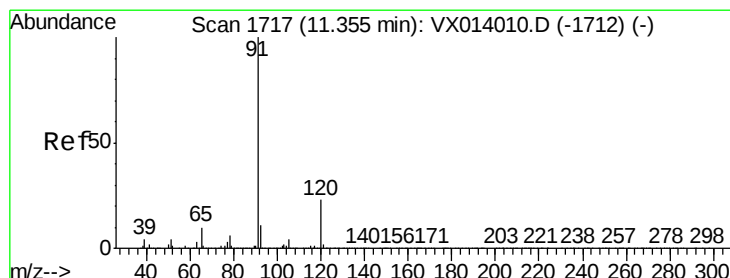
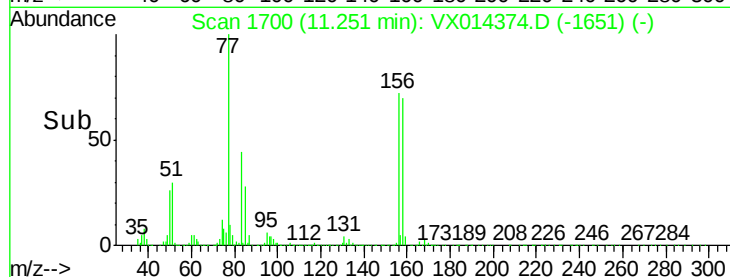
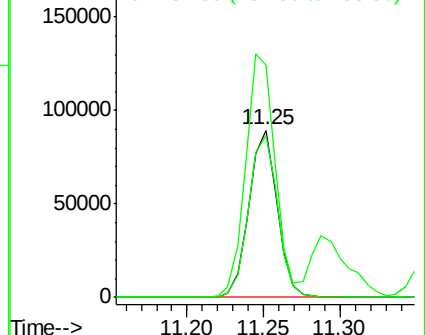
158 99.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.416 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014374.D

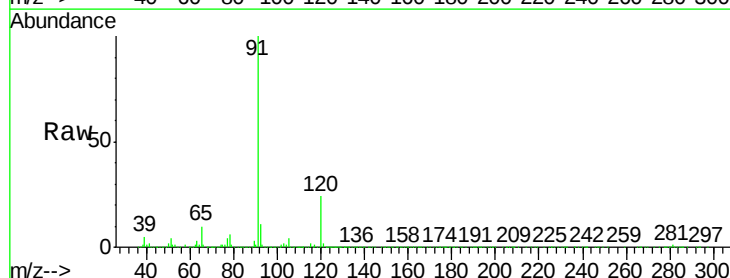
Acq: 31 Dec 2019 12:57

Tgt Ion: 91 Resp: 496126

Ion Ratio Lower Upper

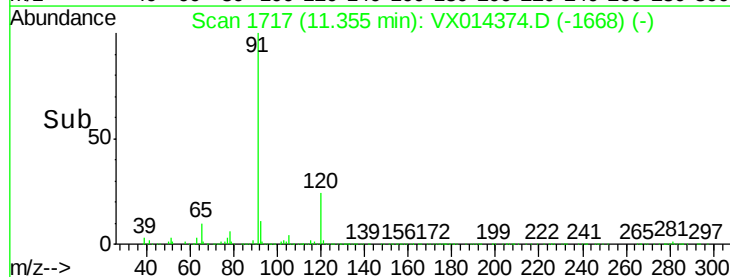
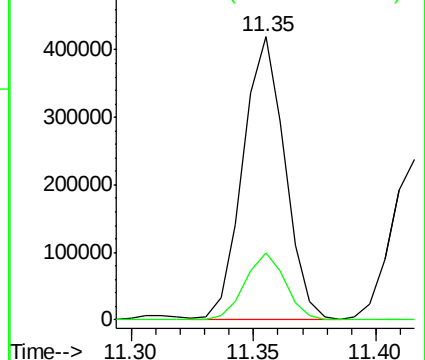
91 100

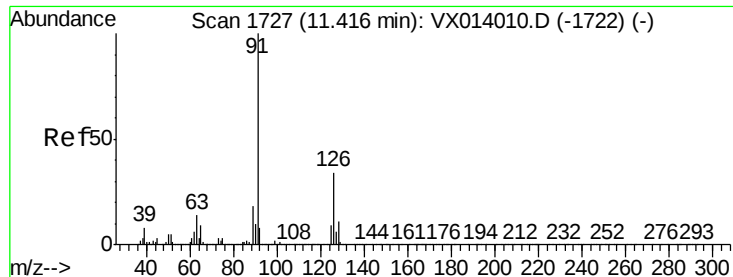
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

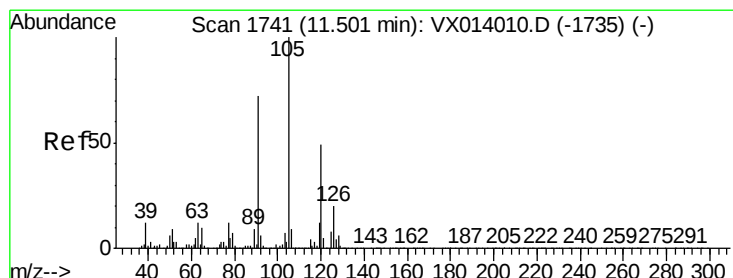
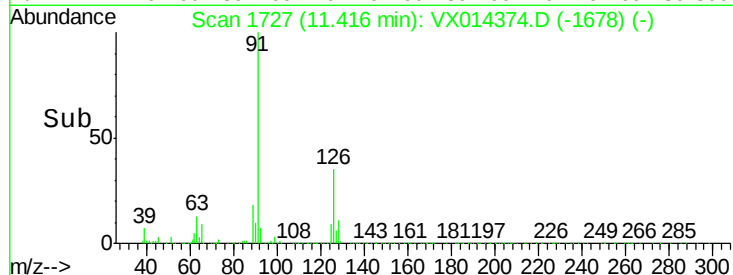
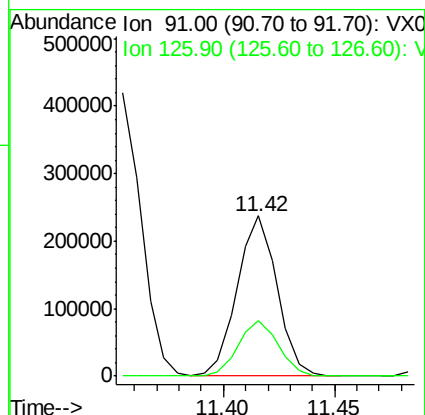
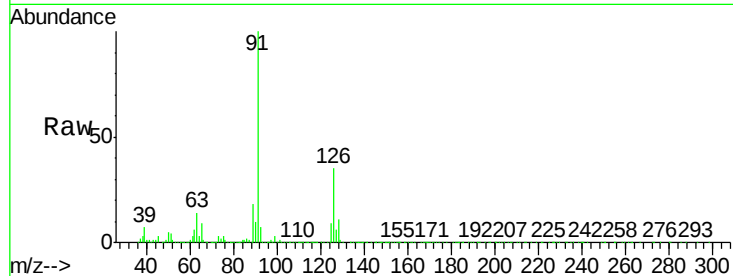




#79
 2-Chlorotoluene
 Concen: 19.957 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

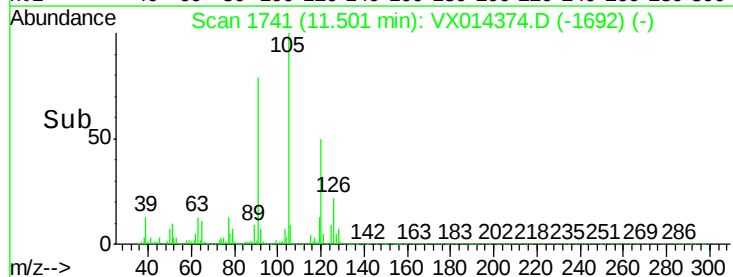
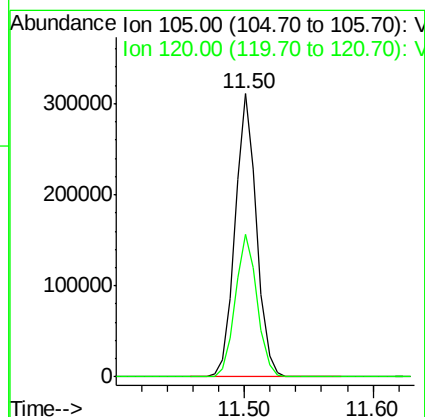
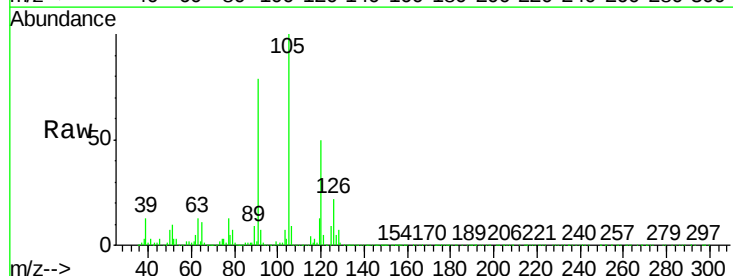
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Tgt Ion: 91 Resp: 294803
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.671 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion: 105 Resp: 358661
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.869 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

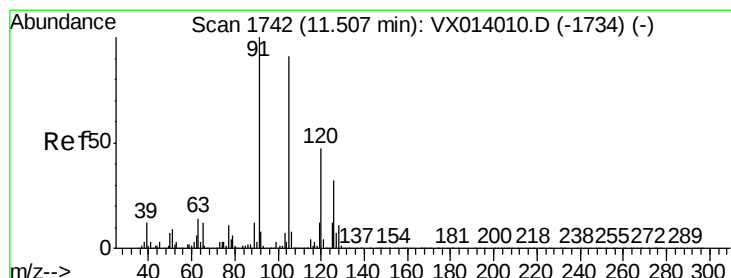
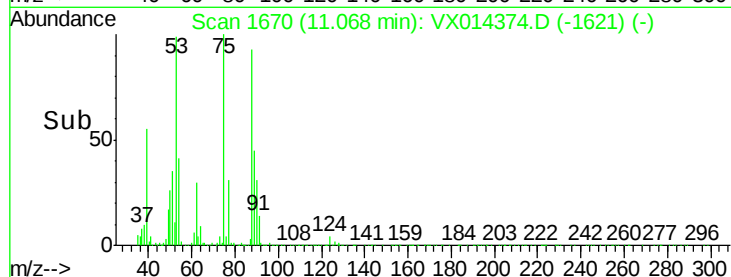
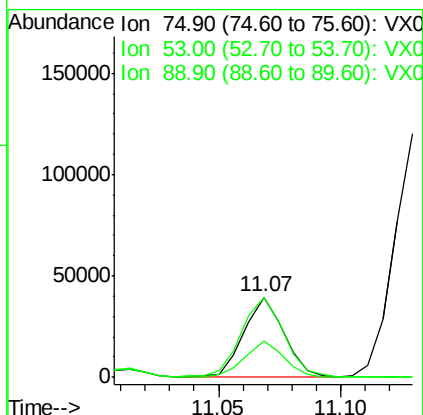
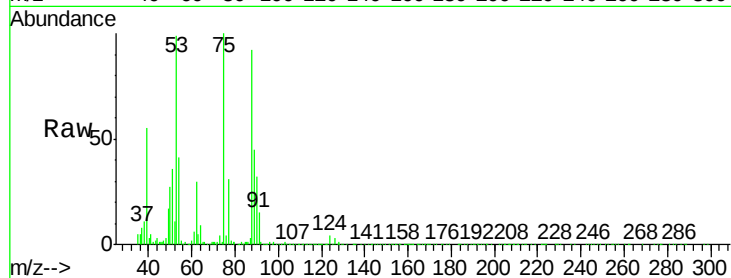
Tgt Ion: 75 Resp: 44658

Ion Ratio Lower Upper

75 100

53 106.6 76.7 115.1

89 46.6 34.6 51.8



#82

4-Chlorotoluene

Concen: 19.740 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014374.D

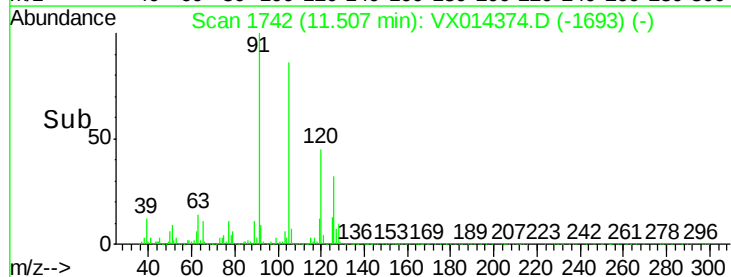
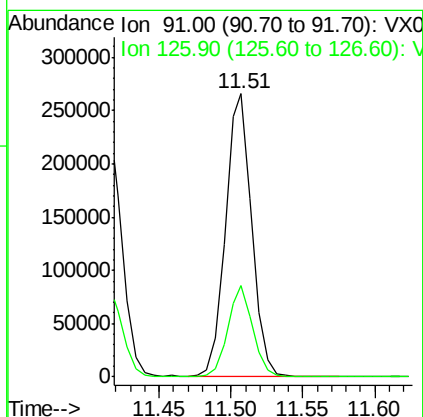
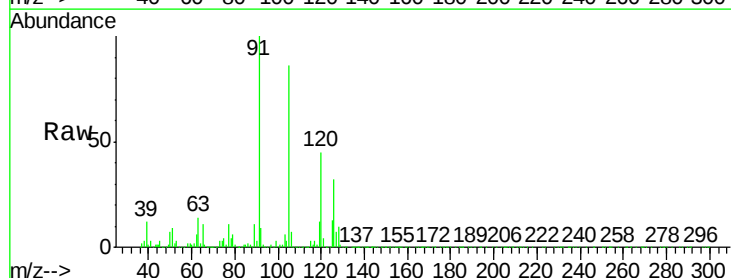
Acq: 31 Dec 2019 12:57

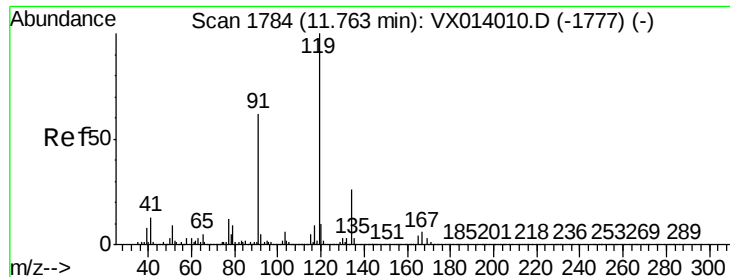
Tgt Ion: 91 Resp: 338242

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8

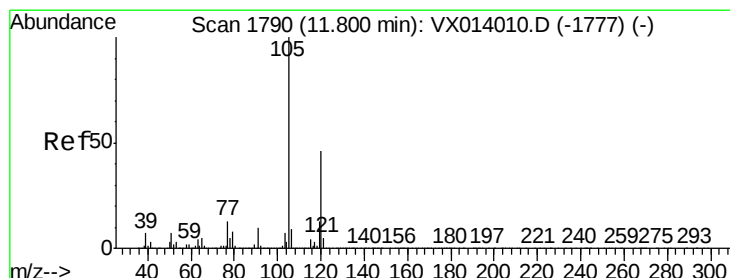
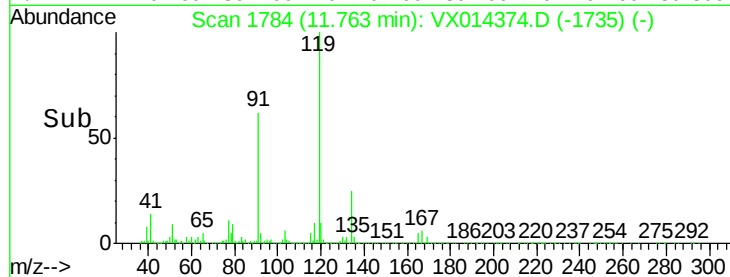
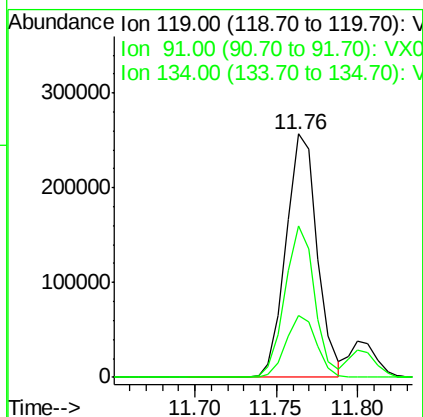
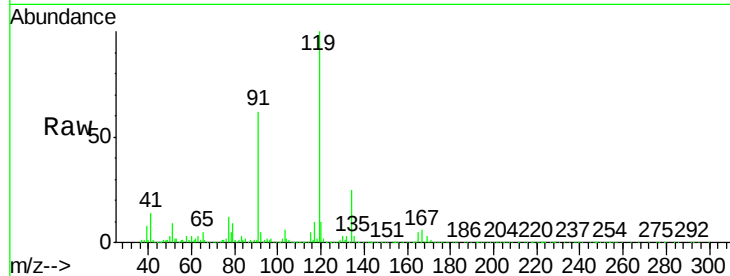




#83
 tert-Butylbenzene
 Concen: 19.156 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

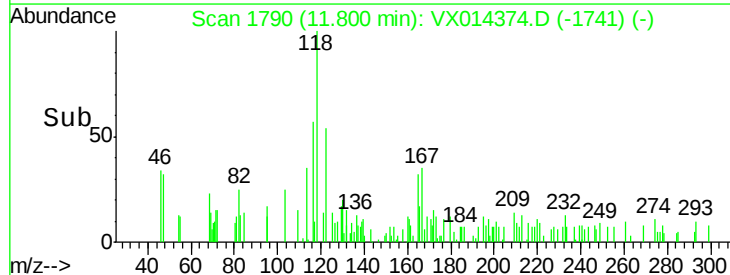
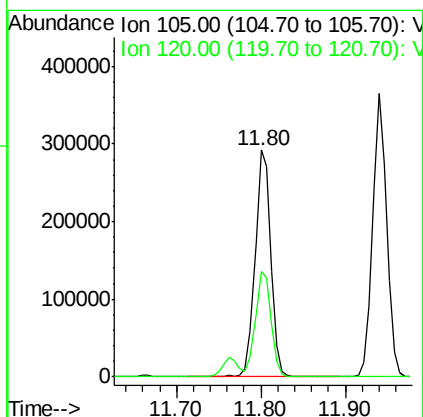
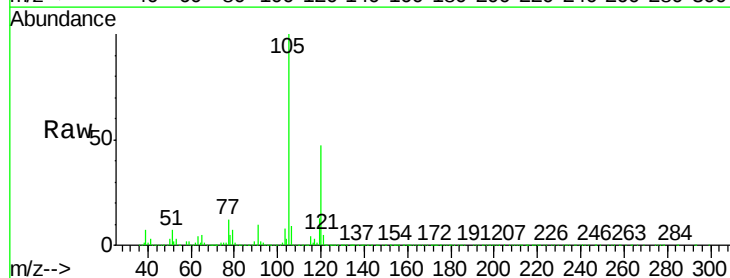
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

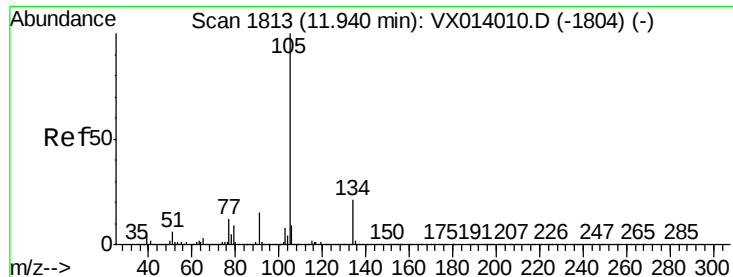
Tgt Ion:119 Resp: 339900
 Ion Ratio Lower Upper
 119 100
 91 59.4 28.5 85.6
 134 24.9 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.033 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion:105 Resp: 365796
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

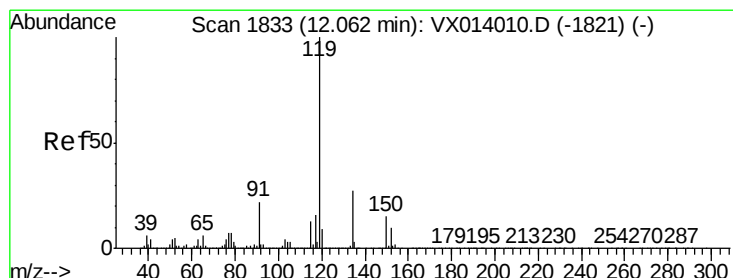
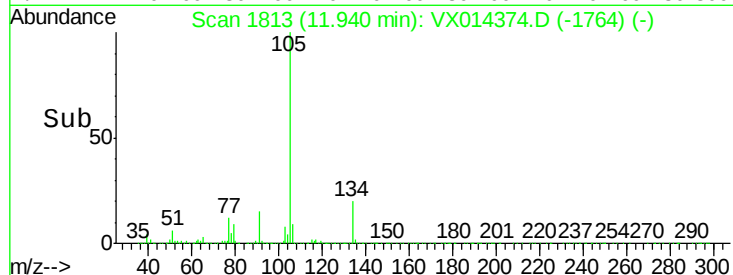
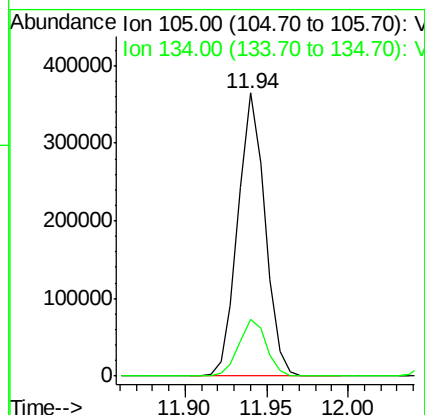
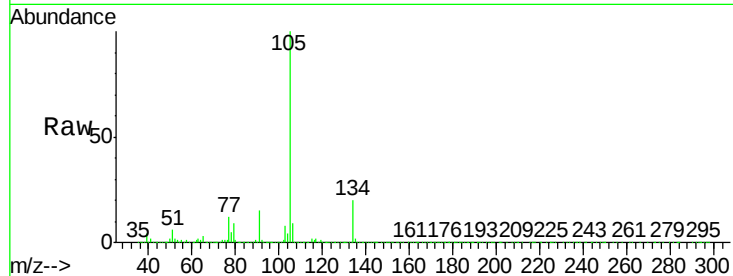




#85
 sec-Butylbenzene
 Concen: 20.179 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

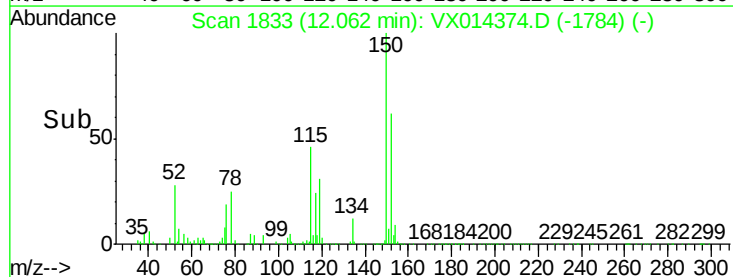
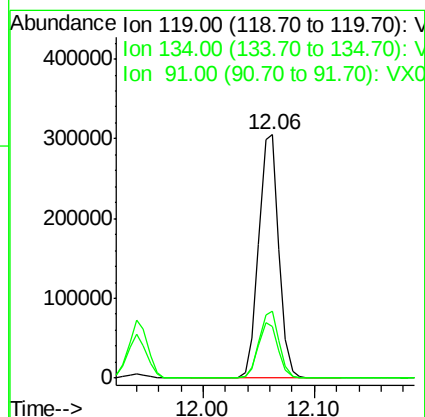
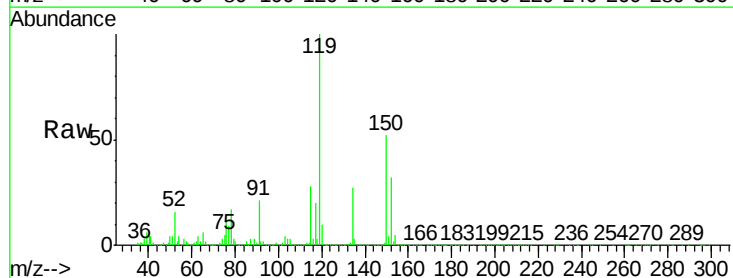
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

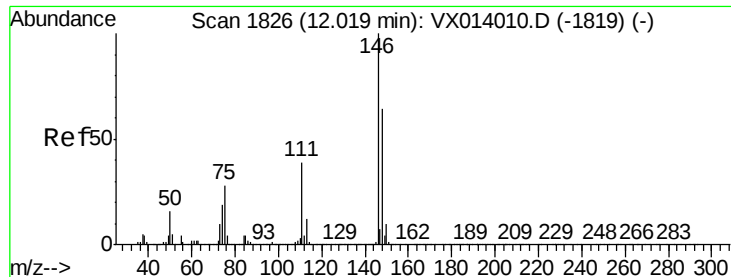
Tgt Ion:105 Resp: 422684
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.078 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion:119 Resp: 384723
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 22.5 11.4 34.1

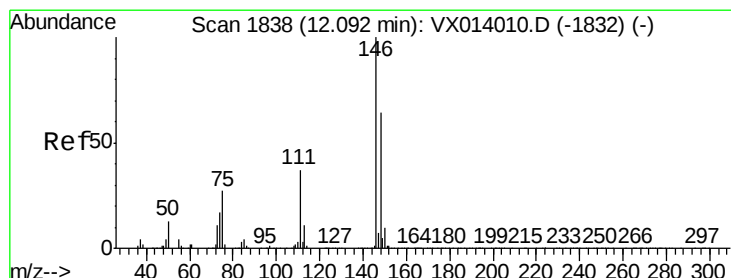
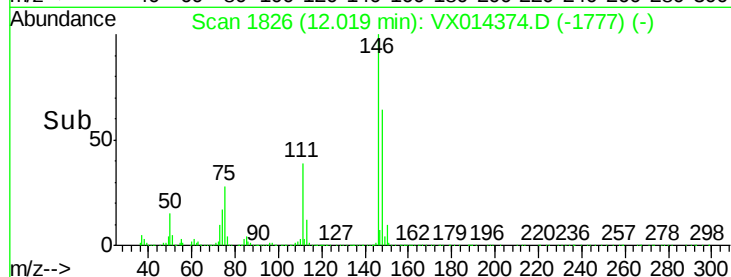
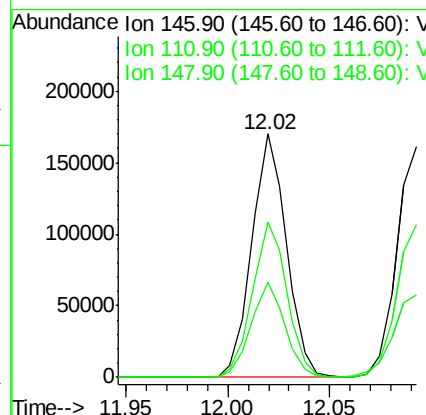
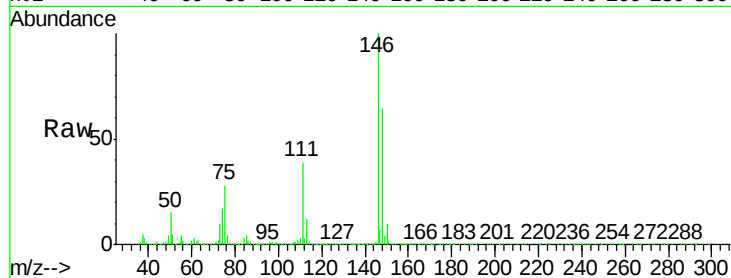




#87
 1,3-Dichlorobenzene
 Concen: 19.238 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

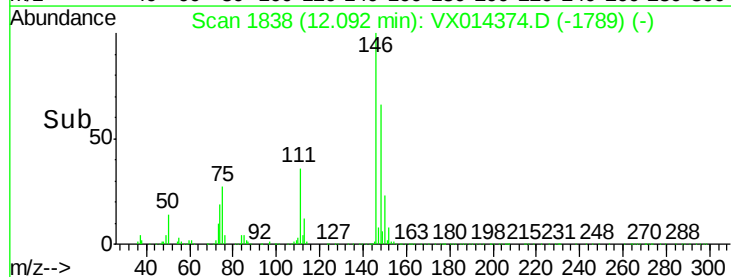
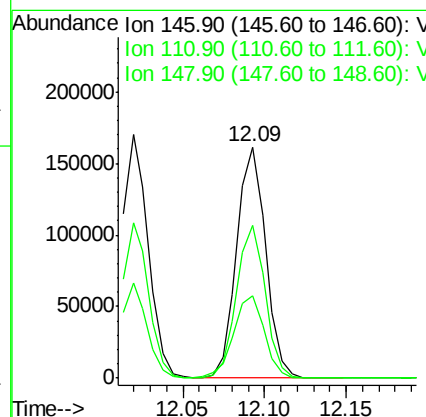
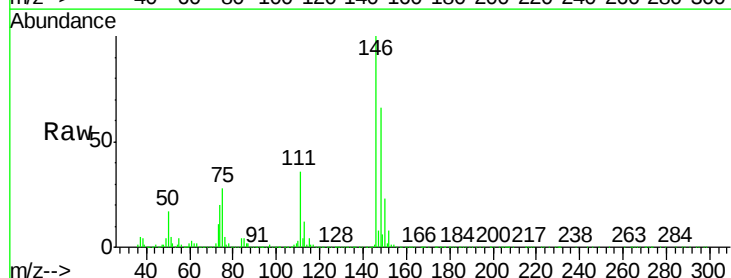
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	63.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.763 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	65.6	31.9	95.9

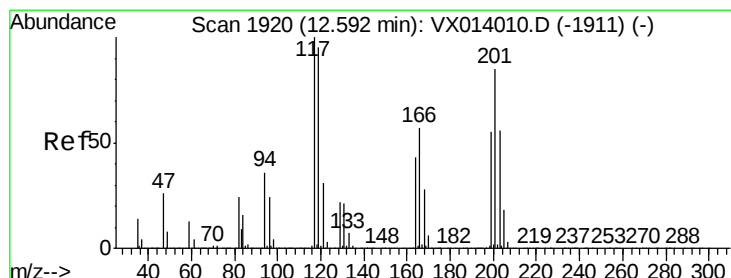
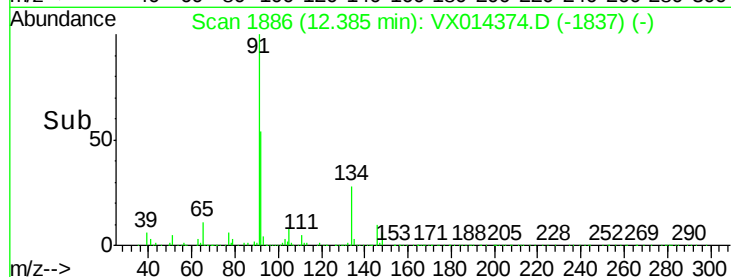
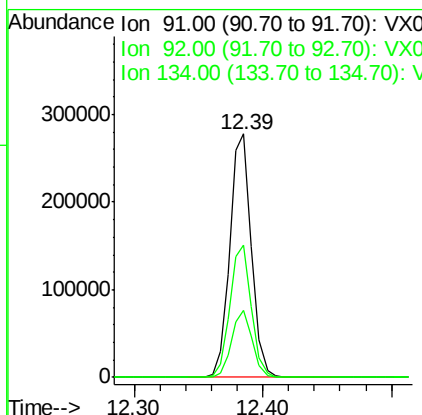
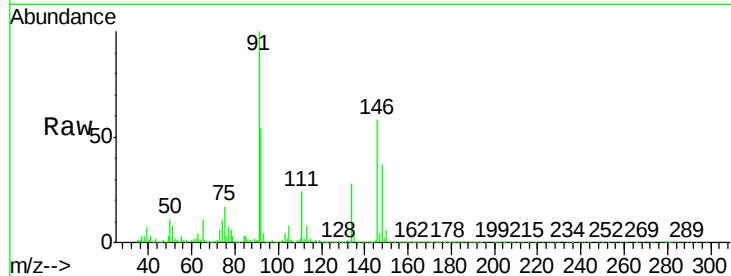




#89
n-Butylbenzene
Concen: 19.902 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

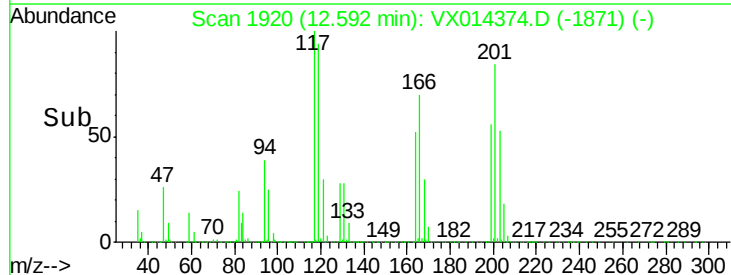
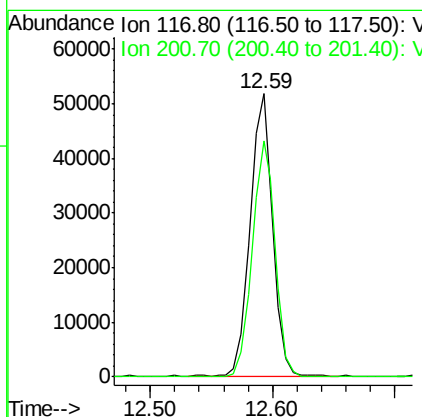
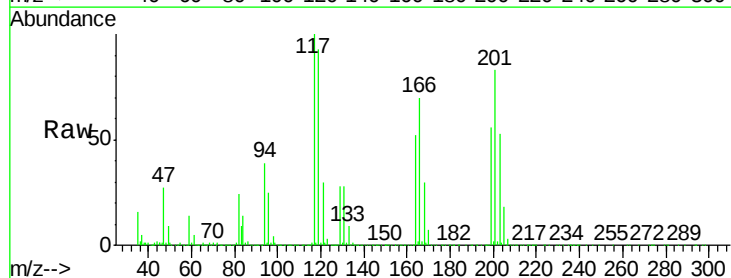
Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tgt Ion: 91 Resp: 325387
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 26.6 13.4 40.1



#90
Hexachloroethane
Concen: 19.350 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion: 117 Resp: 66595
Ion Ratio Lower Upper
117 100
201 84.6 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 19.508 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

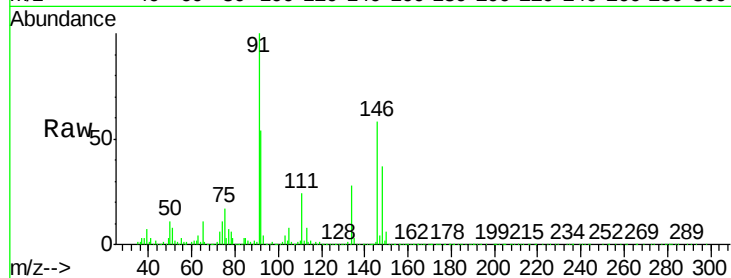
Tgt Ion: 146 Resp: 205156

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

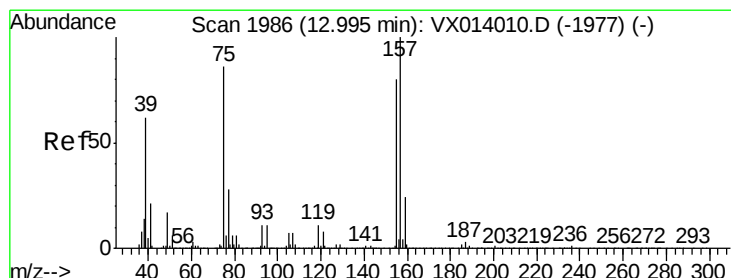
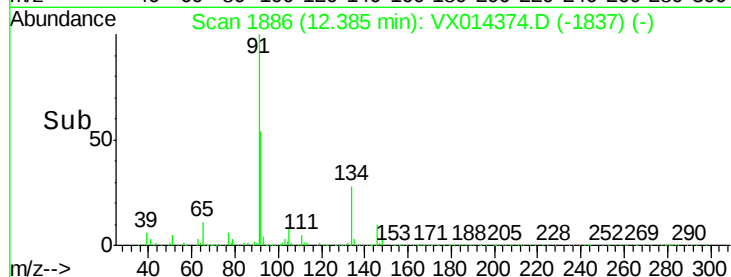
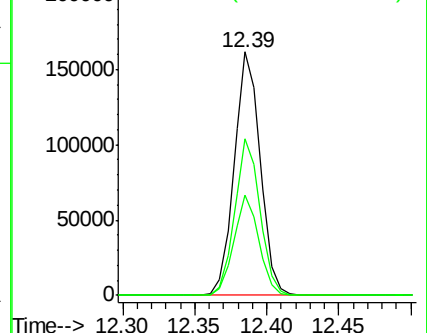
148 62.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.109 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014374.D

Acq: 31 Dec 2019 12:57

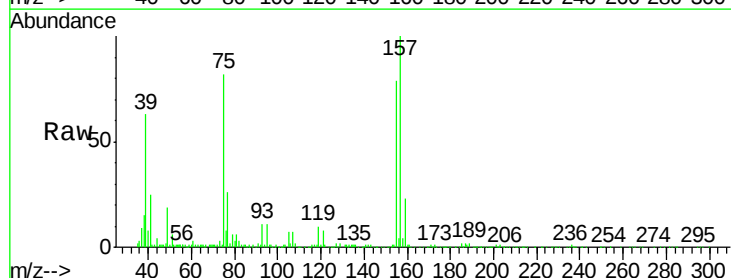
Tgt Ion: 75 Resp: 30100

Ion Ratio Lower Upper

75 100

155 98.5 46.9 140.6

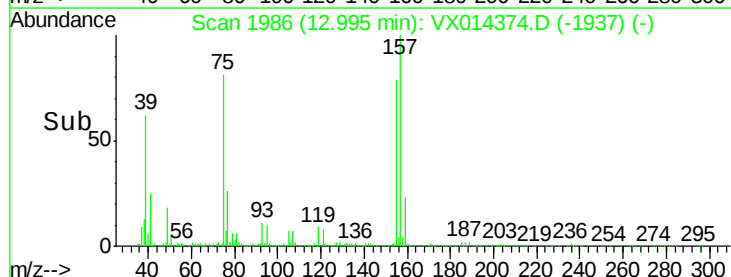
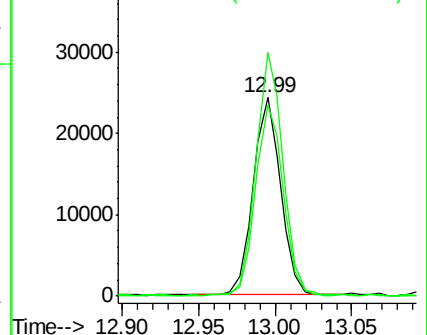
157 120.8 60.8 182.4

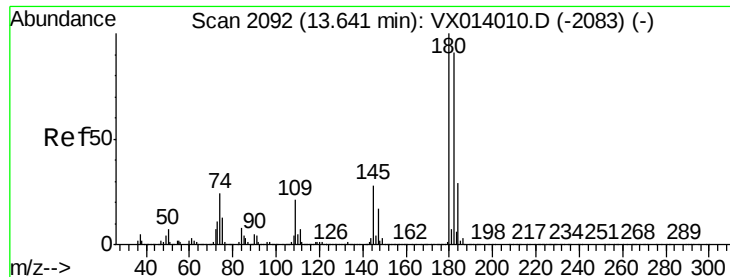


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

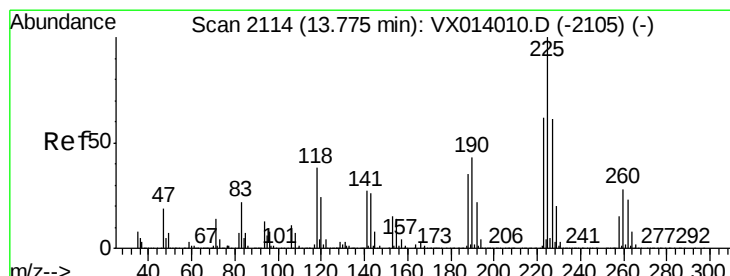
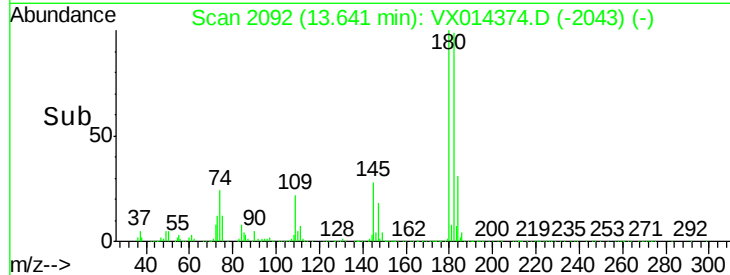
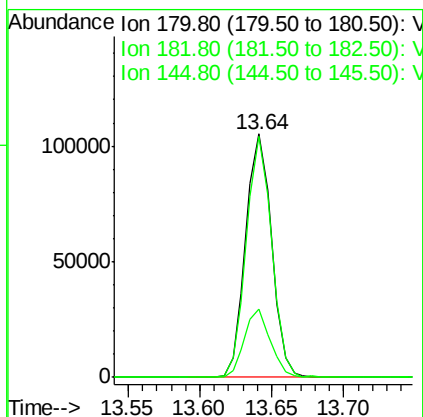
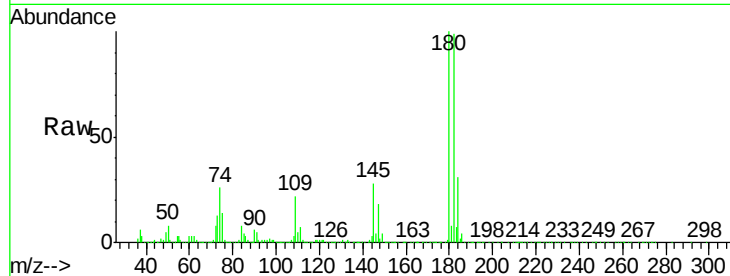




#93
 1,2,4-Trichlorobenzene
 Concen: 19.176 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

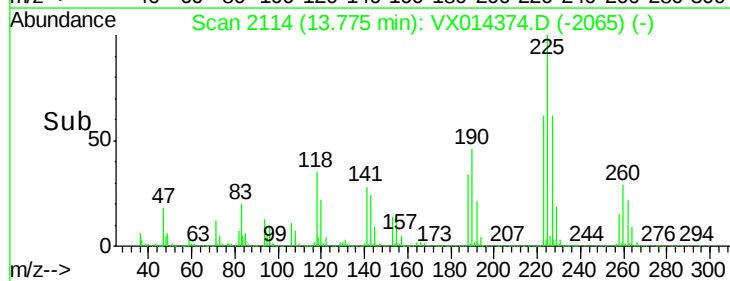
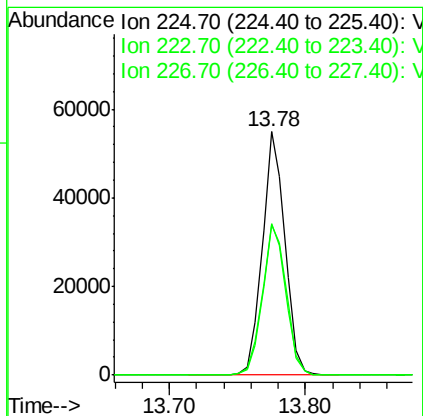
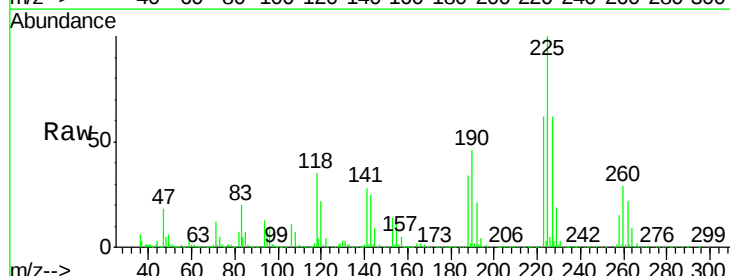
Instrument :
 MSVOA_X
 ClientSampled :
 VX1231MBS01

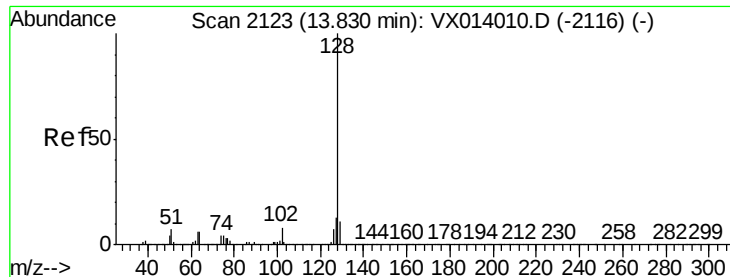
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.6	139.8
145	27.9	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.569 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014374.D
 Acq: 31 Dec 2019 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	30.9	92.5
227	64.8	30.9	92.7

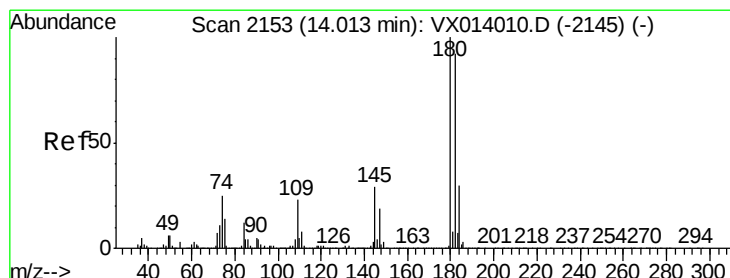
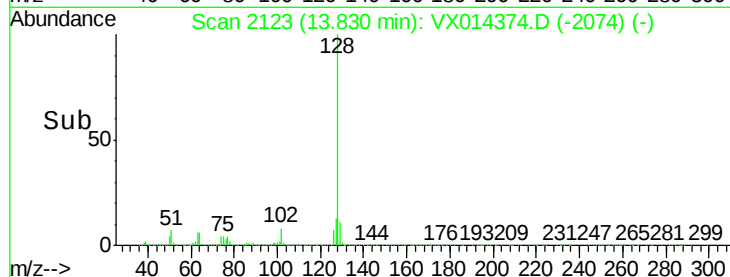
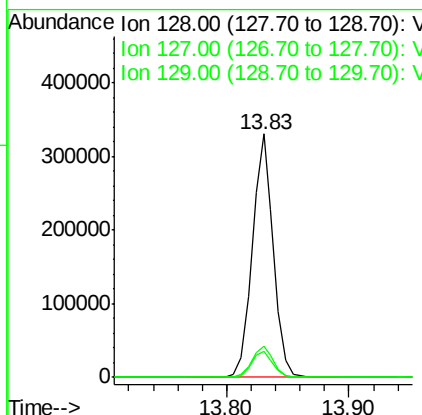
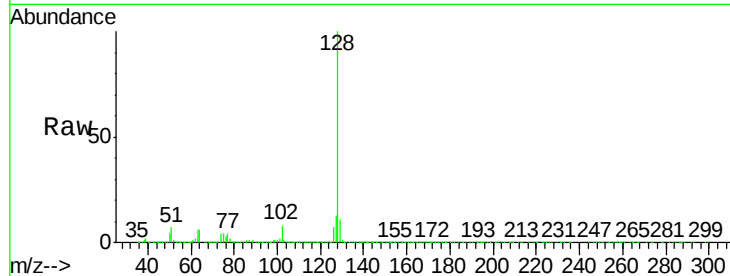




#95
Naphthalene
Concen: 19.558 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tgt Ion:128 Resp: 392774
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.747 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014374.D
Acq: 31 Dec 2019 12:57

Tgt Ion:180 Resp: 133244
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 30.6 14.8 44.4

