

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111219\
 Data File : VX013374.D
 Acq On : 12 Nov 2019 09:58
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 12 12:29:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	130935	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	710652	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	637083	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	275761	28.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.07%
60) 4-Bromofluorobenzene	11.13	95	309715	30.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.83%
63) Toluene-d8	8.71	98	879136	30.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.73%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	176619	18.003	ug/l 97
3) Chloromethane	1.32	50	199571	18.666	ug/l 98
4) Vinyl Chloride	1.40	62	216545	17.824	ug/l 99
5) Bromomethane	1.63	94	128564	17.603	ug/l 97
6) Chloroethane	1.72	64	122939	18.409	ug/l 99
7) Trichlorofluoromethane	1.92	101	221398	16.928	ug/l 98
8) Diethyl Ether	2.18	74	104895	17.565	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137608	17.487	ug/l 98
10) 1,1-Dichloroethene	2.36	96	141176	17.458	ug/l 94
11) Methyl Iodide	2.50	142	147659	14.788	ug/l 99
12) Methyl Acetate	2.76	43	245371	17.316	ug/l 99
13) Acrolein	2.28	56	134850	89.592	ug/l 99
14) Acrylonitrile	3.12	53	439390	84.326	ug/l 97
15) Acetone	2.43	58	157137	99.572	ug/l 95
16) Carbon Disulfide	2.56	76	391809	17.371	ug/l 99
17) Allyl chloride	2.72	41	261552	17.564	ug/l 99
18) Methylene Chloride	2.84	84	160567	17.501	ug/l 94
19) trans-1,2-Dichloroethene	3.15	96	154665	17.896	ug/l 97
20) Diisopropyl ether	3.84	45	511696	17.860	ug/l 92
21) 1,1-Dichloroethane	3.68	63	277747	17.799	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	174821	17.743	ug/l 97
23) tert-Butyl Alcohol	3.02	59	208445	83.125	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	483557	18.068	ug/l 100
25) Chloroform	5.19	83	274418	17.966	ug/l 98
26) Cyclohexane	5.56	56	241575	17.047	ug/l # 98
29) 1,1-Dichloropropene	5.78	75	200602	18.481	ug/l 99
30) 2-Butanone	4.65	43	694219	96.897	ug/l 99
31) 2,2-Dichloropropane	4.56	77	226179	19.241	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	224229	18.586	ug/l 99
33) Carbon Tetrachloride	5.77	117	189191	18.054	ug/l 95
34) Benzene	6.13	78	631400	19.178	ug/l 99
35) Methacrylonitrile	5.02	41	132080	18.461	ug/l 94
36) 1,2-Dichloroethane	6.18	62	222325	19.292	ug/l 98
37) Trichloroethene	7.20	130	166790	18.910	ug/l 94
38) Methylcyclohexane	7.45	83	242971	18.256	ug/l 98
39) 1,2-Dichloropropane	7.50	63	160089	18.805	ug/l 100
40) Dibromomethane	7.65	93	104371	18.423	ug/l 98

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 VSTDCCC020

Quant Time: Nov 12 12:29:58 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	206943	18.712	ug/l	97
42) Vinyl Acetate	3.80	43	2145536	95.118	ug/l	100
43) Ethyl Acetate	4.82	43	237875	18.204	ug/l	96
44) Isopropyl Acetate	6.43	43	386777	18.414	ug/l	100
45) 1,4-Dioxane	7.73	88	86810	374.339	ug/l	100
46) Methyl methacrylate	7.76	41	193532	18.523	ug/l	97
47) n-amyl Acetate	10.89	43	341307	18.525	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	231741	18.687	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	259328	19.084	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	153871	18.354	ug/l	98
51) Ethyl methacrylate	9.17	69	255085	18.480	ug/l	97
52) 1,3-Dichloropropane	9.36	76	271258	18.927	ug/l	99
53) Dibromochloromethane	9.57	129	166342	18.721	ug/l	97
54) 1,2-Dibromoethane	9.67	107	168922	18.844	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	547150	92.771	ug/l	99
56) Bromoform	10.85	173	127552	18.039	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	1228910	92.338	ug/l	100
59) 2-Hexanone	9.48	43	1008165	95.739	ug/l	99
61) Tetrachloroethene	9.33	164	150703	19.183	ug/l	94
62) Toluene	8.78	91	675430	19.033	ug/l	100
64) Chlorobenzene	10.14	112	424494	19.131	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	154446	18.595	ug/l	99
66) Ethyl Benzene	10.25	91	737266	18.911	ug/l	99
67) m/p-Xylenes	10.35	106	569269	37.854	ug/l	100
68) o-Xylene	10.70	106	275627	18.991	ug/l	99
69) Styrene	10.71	104	466488	18.823	ug/l	98
70) Isopropylbenzene	11.01	105	727910	19.034	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	255527	18.661	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	287563	24.872	ug/l	79
73) Bromobenzene	11.25	156	191511	18.989	ug/l	97
74) n-propylbenzene	11.35	91	826790	19.024	ug/l	99
75) 2-Chlorotoluene	11.42	91	490156	18.966	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	608517	18.930	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	82764	17.704	ug/l	98
78) 4-Chlorotoluene	11.51	91	550923	18.606	ug/l	100
79) tert-butylbenzene	11.76	119	596540	18.393	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	609297	19.021	ug/l	99
81) sec-Butylbenzene	11.94	105	698713	18.882	ug/l	99
82) p-Isopropyltoluene	12.06	119	647576	18.994	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	339318	19.137	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	333089	18.925	ug/l	98
85) n-Butylbenzene	12.39	91	546033	18.557	ug/l	99
86) Hexachloroethane	12.59	117	113629	18.162	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	338788	19.108	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	53912	17.606	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	227743	18.629	ug/l	98
90) Hexachlorobutadiene	13.78	225	106523	18.184	ug/l	96
91) Naphthalene	13.83	128	720276	18.609	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	228578	18.502	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

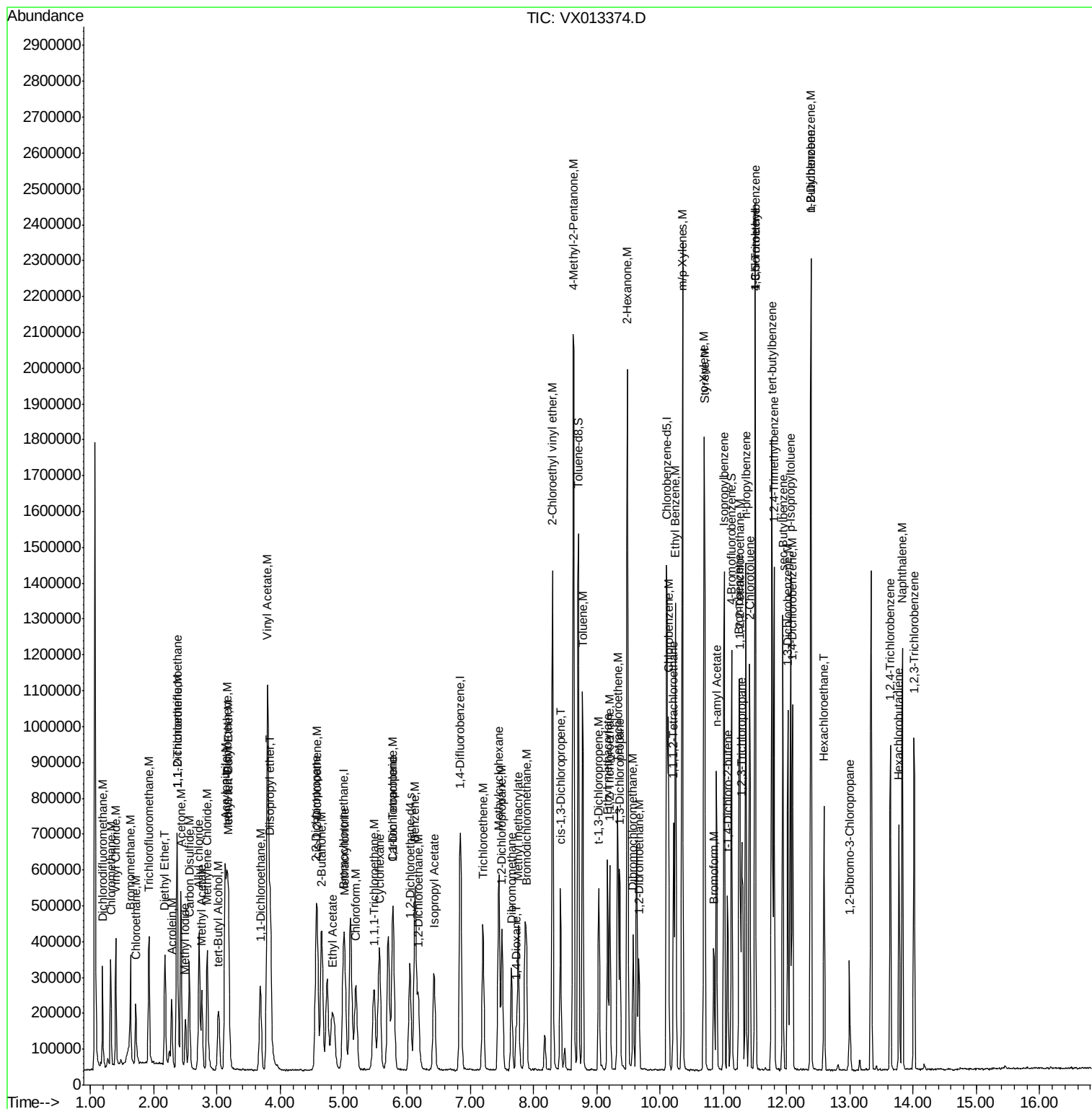
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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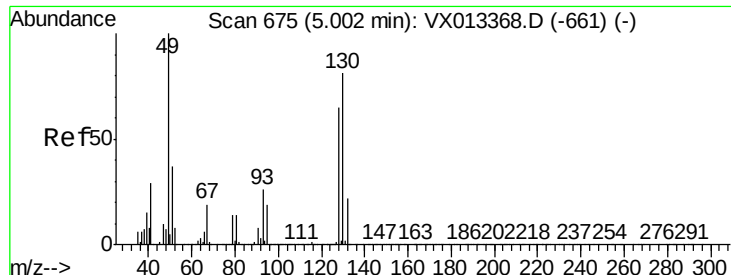
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111219\  
Data File : VX013374.D  
Acq On    : 12 Nov 2019   09:58  
Operator  : JC/SP  
Sample    : VSTDCCC020  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: Nov 12 12:29:58 2019
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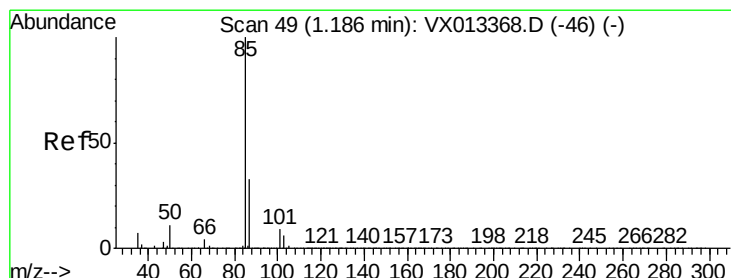
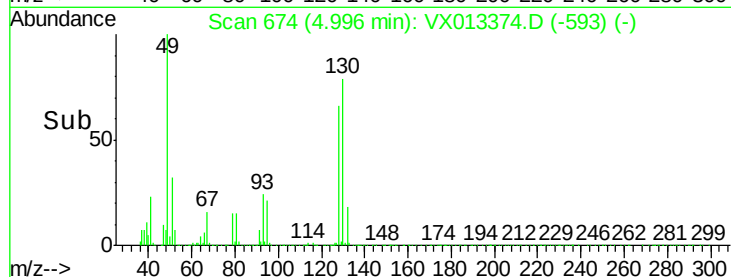
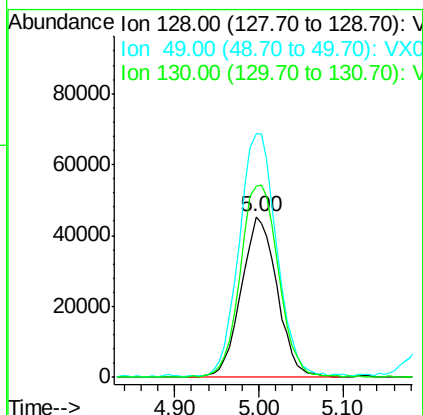
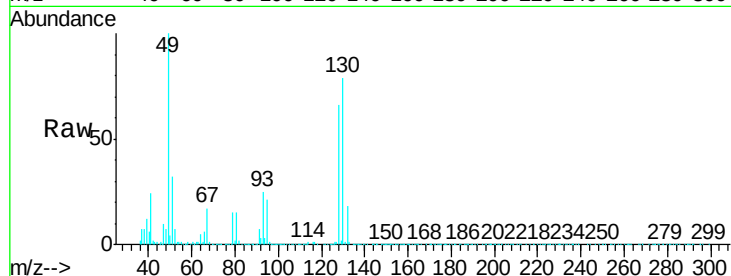




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

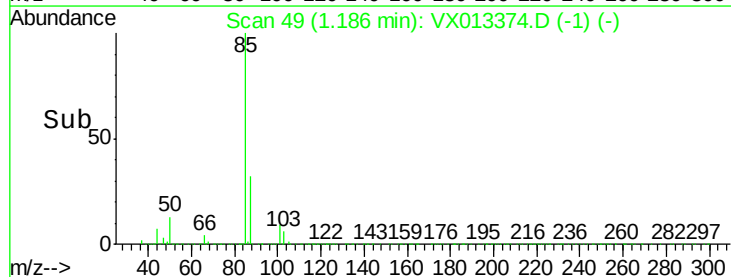
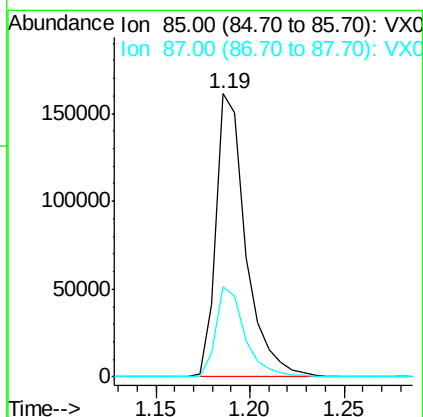
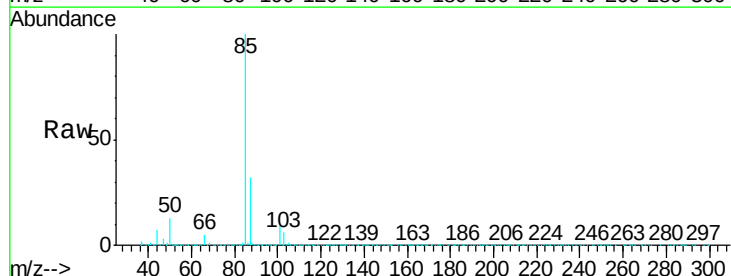
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

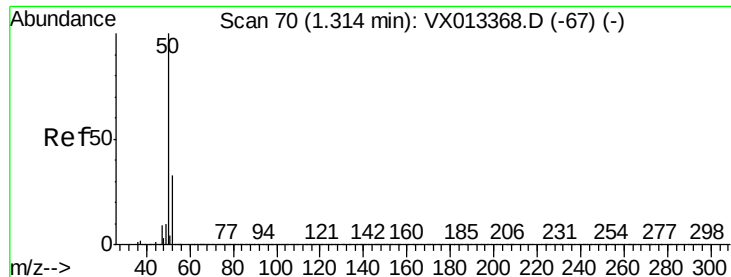
Tgt Ion	Ratio	Lower	Upper
128	100		
49	158.5	0.0	388.3
130	126.4	0.0	318.5



#2
Dichlorodifluoromethane
Concen: 18.003 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.6	49.7

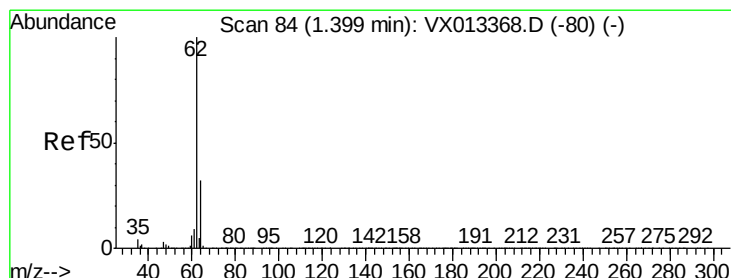
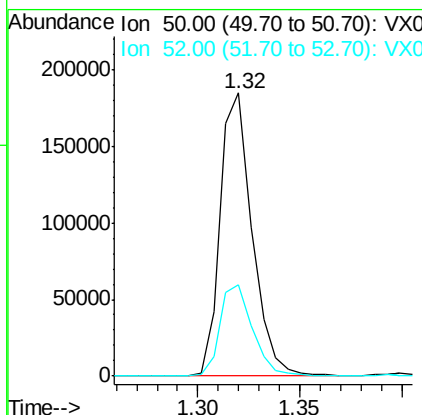
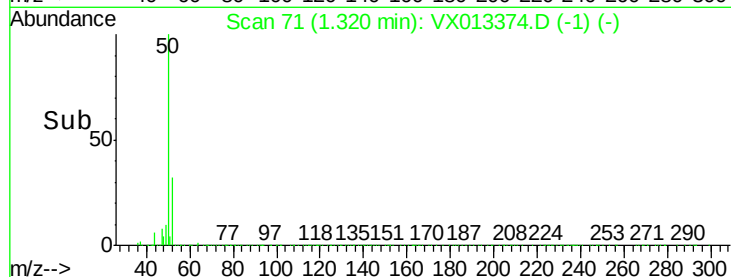
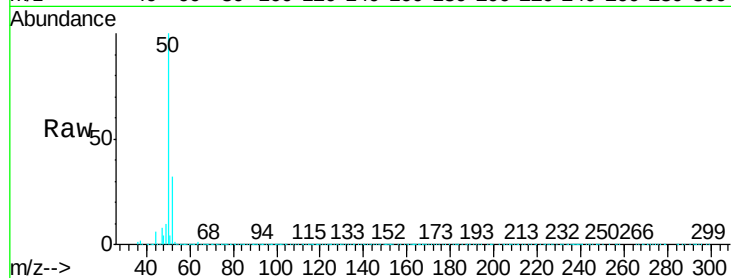




#3
Chloromethane
Concen: 18.666 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

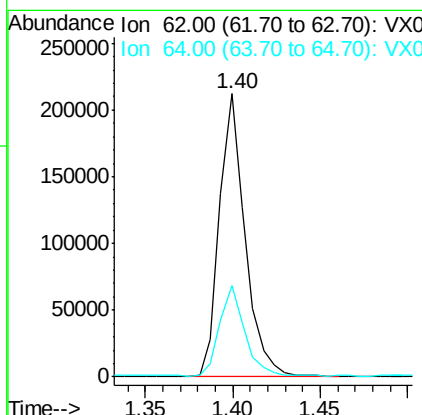
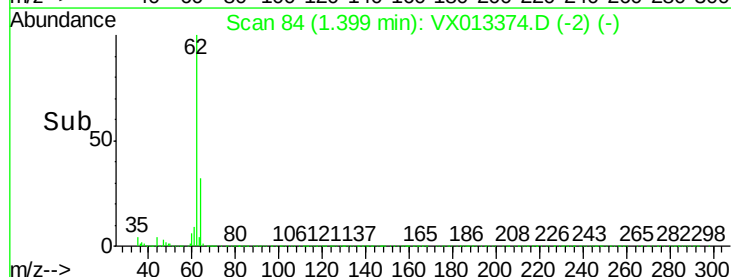
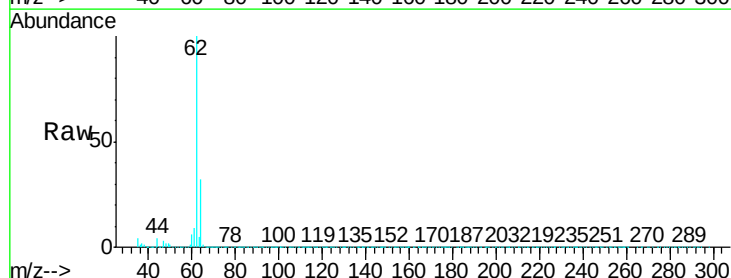
Instrument :
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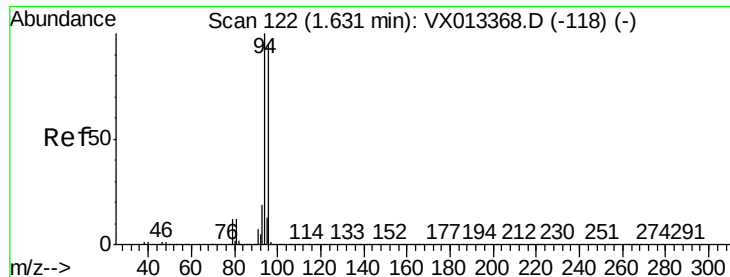
Tgt Ion: 50 Resp: 199571
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 17.824 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 62 Resp: 216545
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 17.603 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

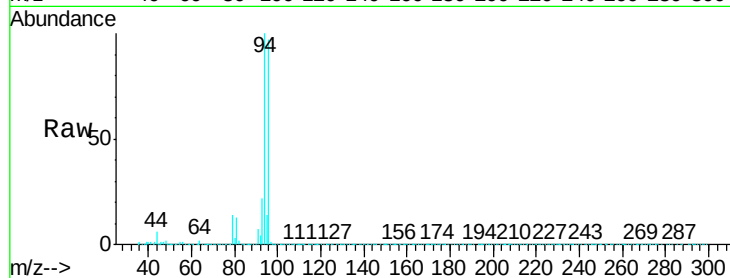
VSTDCCC020

Tgt Ion: 94 Resp: 128564

Ion Ratio Lower Upper

94 100

96 97.5 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

120000

100000

80000

60000

40000

20000

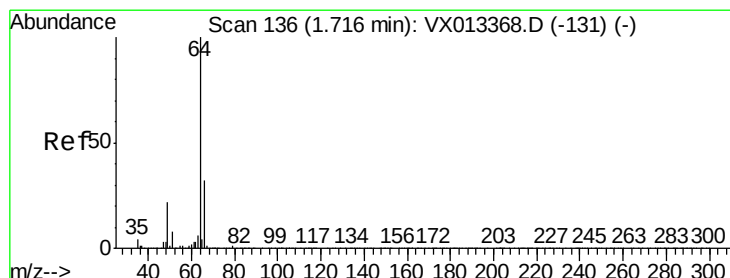
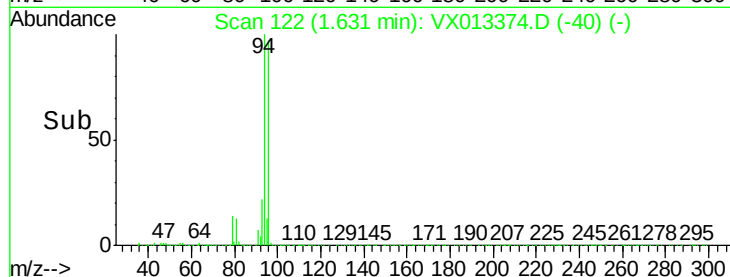
0

1.60

1.63

1.65

Time-->



#6

Chloroethane

Concen: 18.409 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013374.D

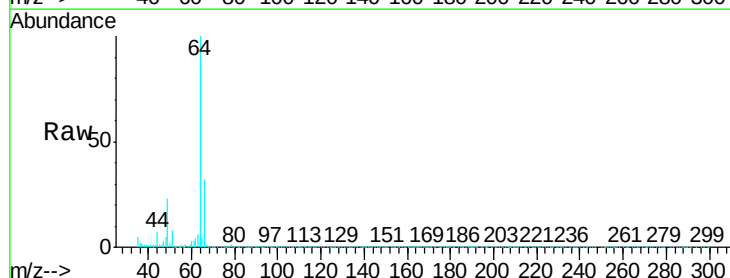
Acq: 12 Nov 2019 09:58

Tgt Ion: 64 Resp: 122939

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

100000

80000

60000

40000

20000

0

1.65

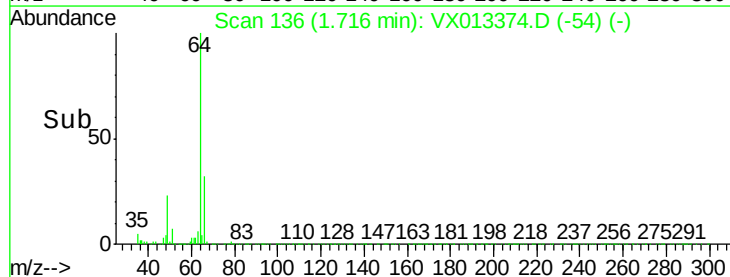
1.70

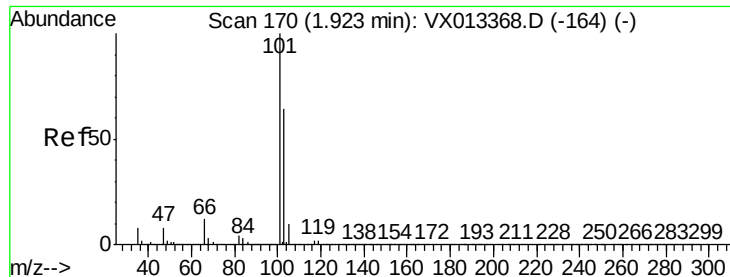
1.72

1.75

1.80

Time-->



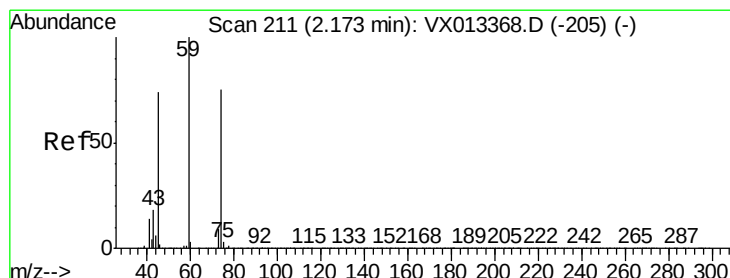
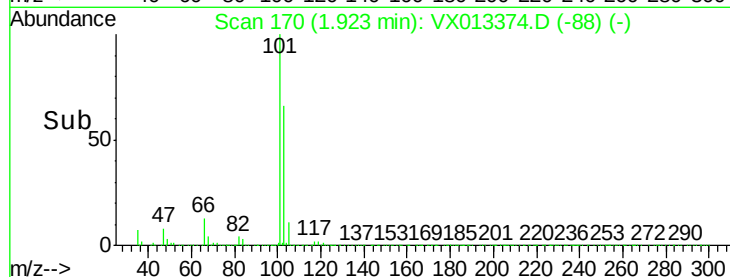
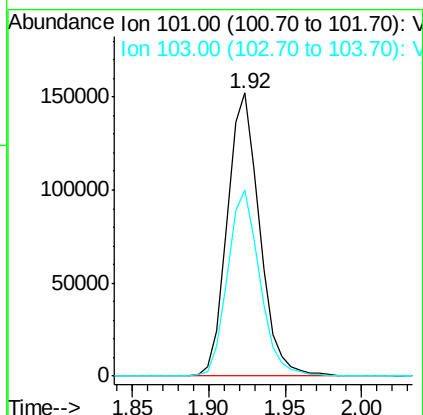
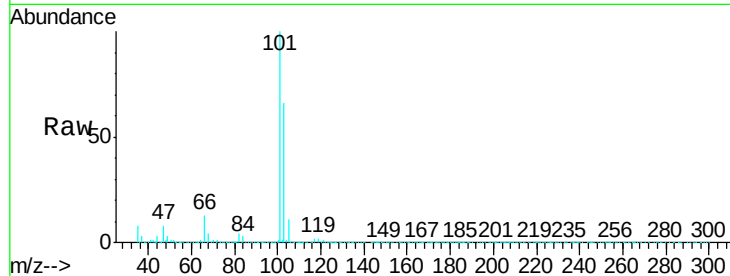


#7

Trichlorofluoromethane
Concen: 16.928 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

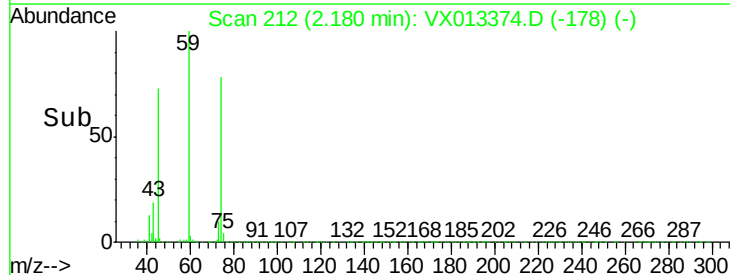
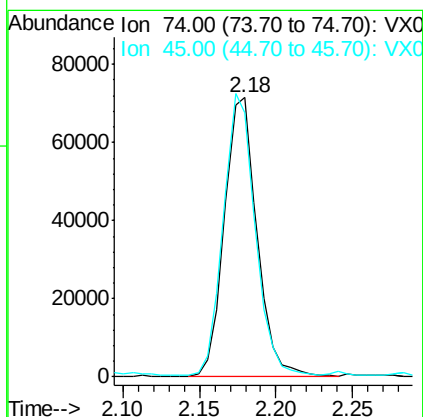
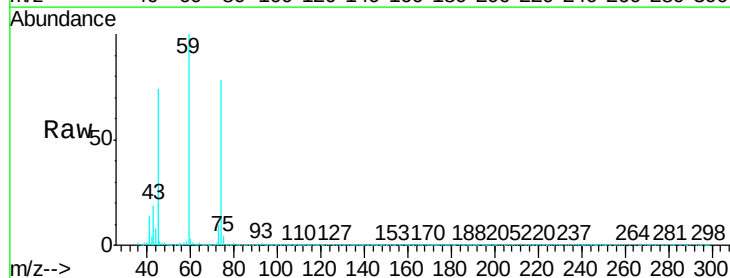
Tgt Ion: 101 Resp: 221398
Ion Ratio Lower Upper
101 100
103 65.9 51.2 76.8

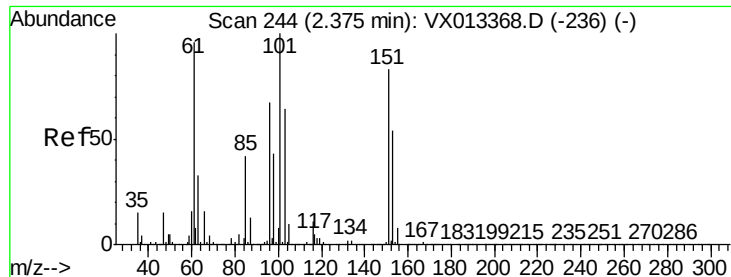


#8

Diethyl Ether
Concen: 17.565 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 74 Resp: 104895
Ion Ratio Lower Upper
74 100
45 99.1 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.487 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

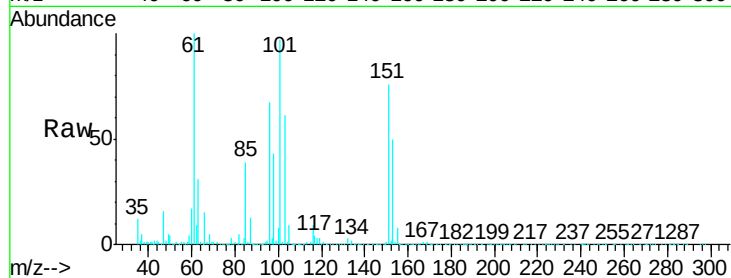
Tgt Ion: 101 Resp: 137608

Ion Ratio Lower Upper

101 100

85 42.0 0.0 83.2

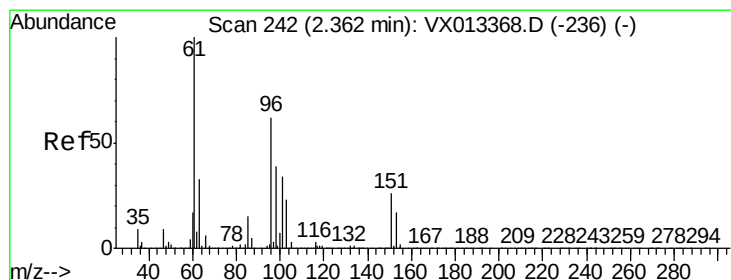
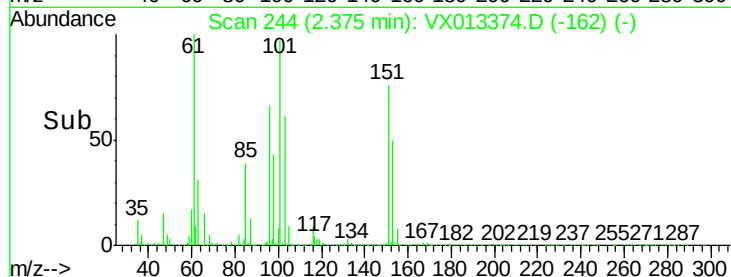
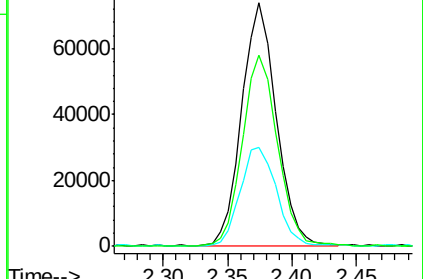
151 79.8 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.458 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

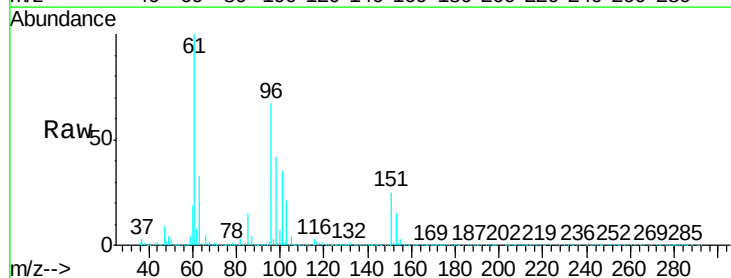
Tgt Ion: 96 Resp: 141176

Ion Ratio Lower Upper

96 100

61 150.0 128.9 193.3

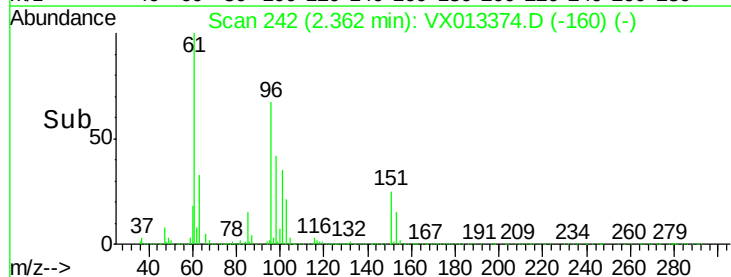
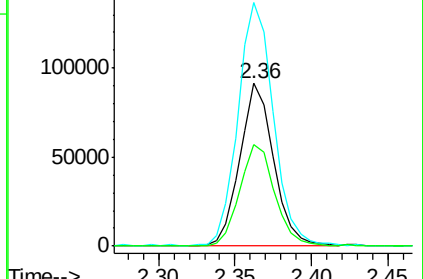
98 62.0 49.7 74.5

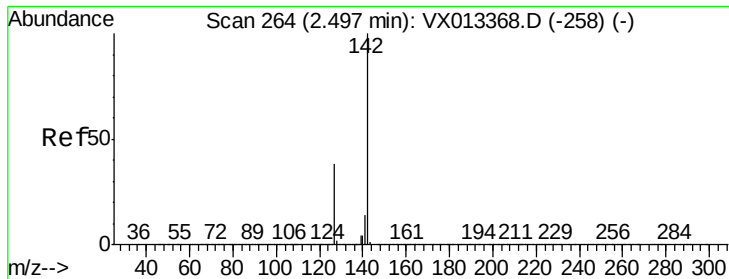


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

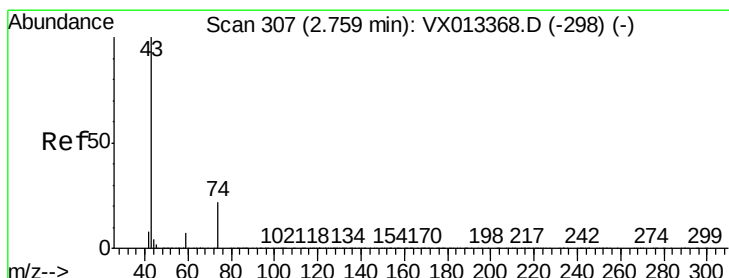
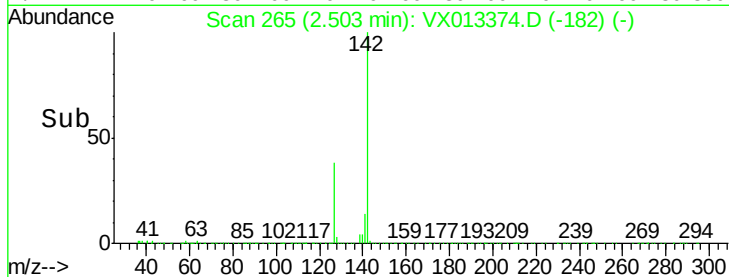
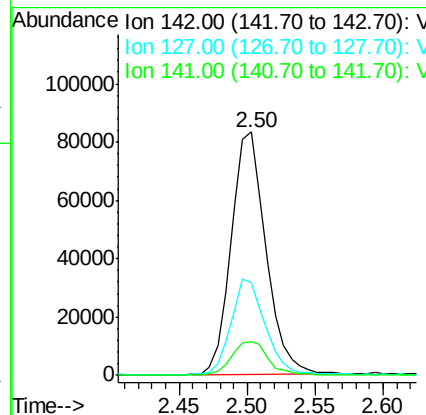
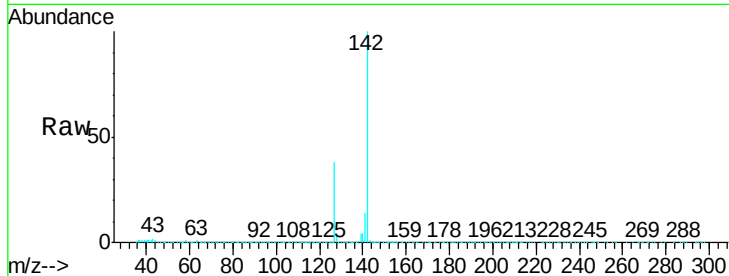




#11
Methyl Iodide
Concen: 14.788 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

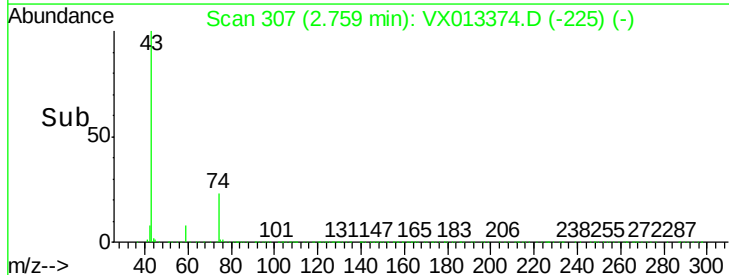
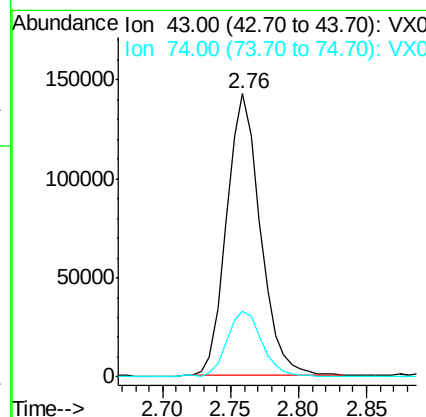
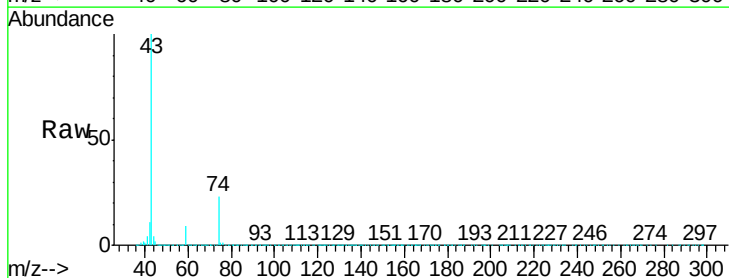
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

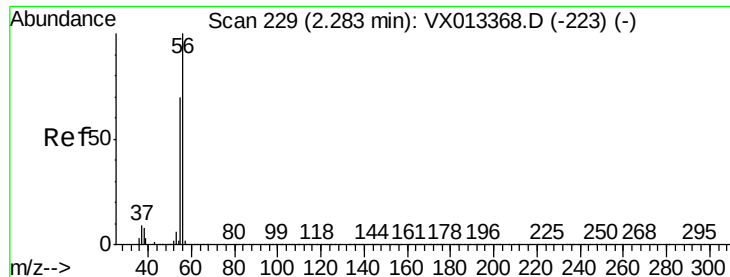
Tgt Ion: 142 Resp: 147659
Ion Ratio Lower Upper
142 100
127 37.7 19.1 57.5
141 13.6 7.0 21.0



#12
Methyl Acetate
Concen: 17.316 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 43 Resp: 245371
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0





#13

Acrolein

Concen: 89.592 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

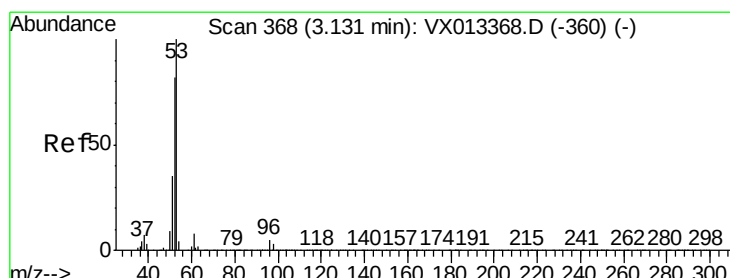
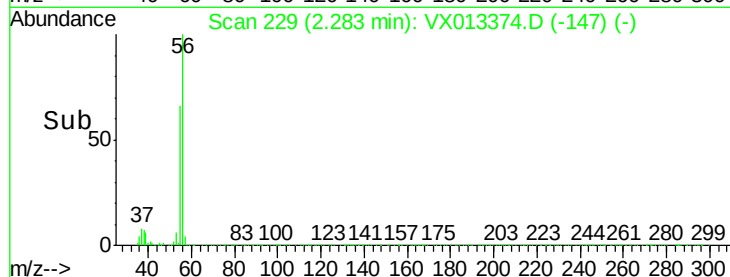
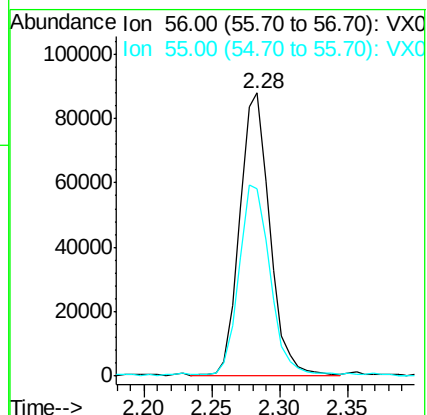
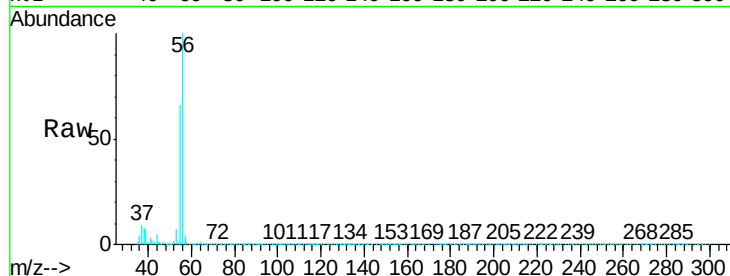
VSTDCCC020

Tgt Ion: 56 Resp: 134850

Ion Ratio Lower Upper

56 100

55 69.2 55.8 83.8



#14

Acrylonitrile

Concen: 84.326 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

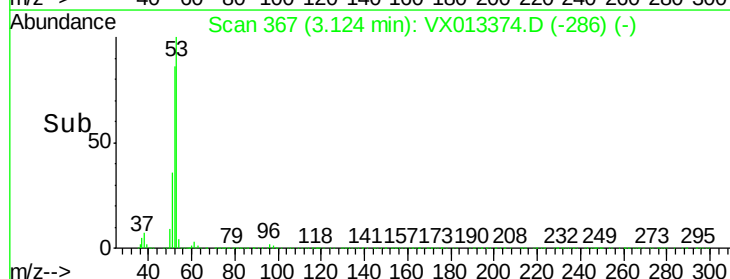
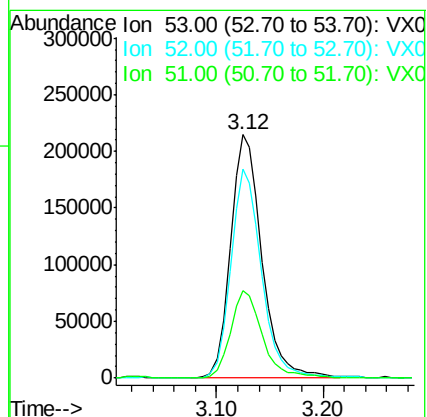
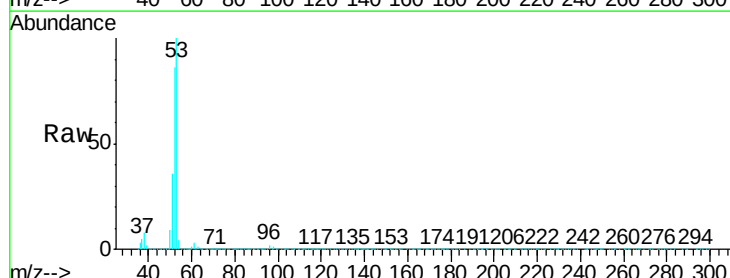
Tgt Ion: 53 Resp: 439390

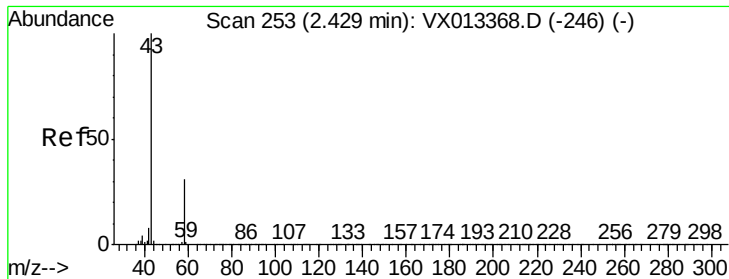
Ion Ratio Lower Upper

53 100

52 84.3 41.0 123.0

51 36.5 17.3 51.9

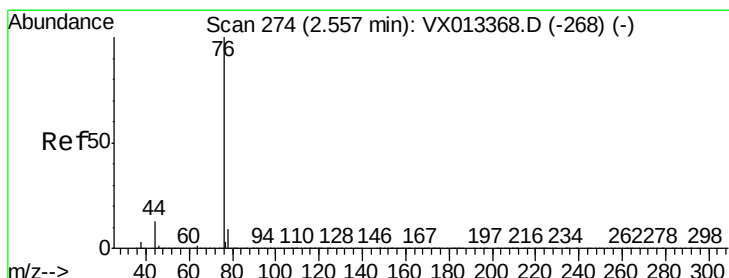
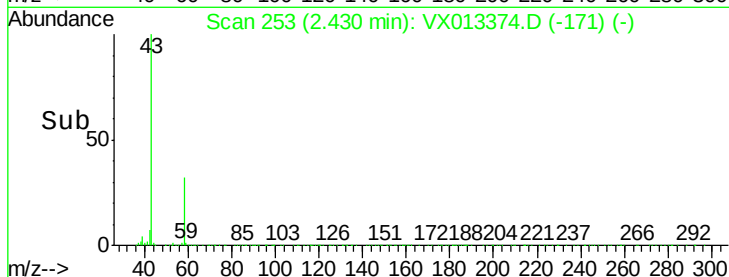
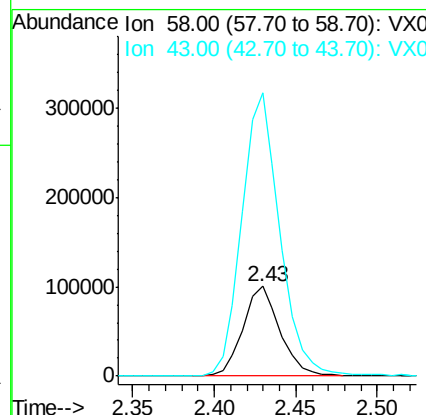
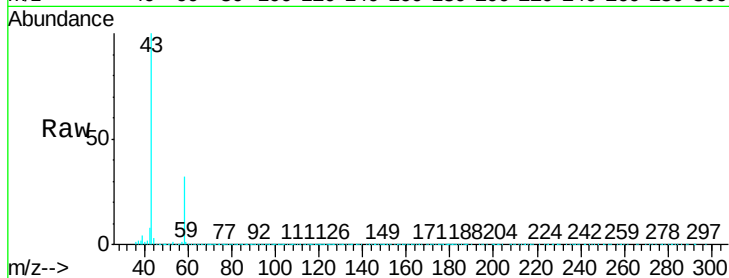




#15
Acetone
Concen: 99.572 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

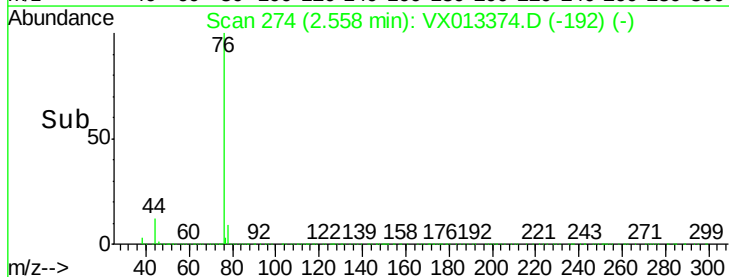
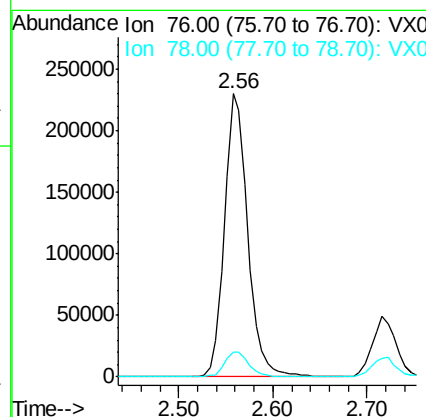
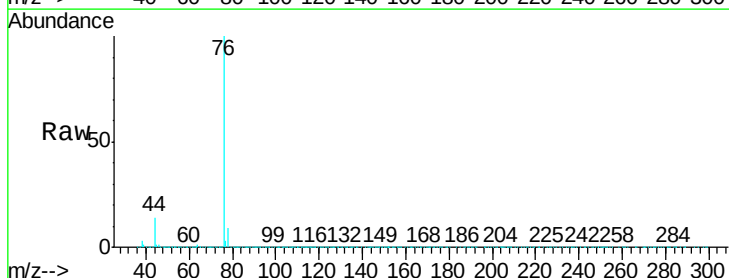
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

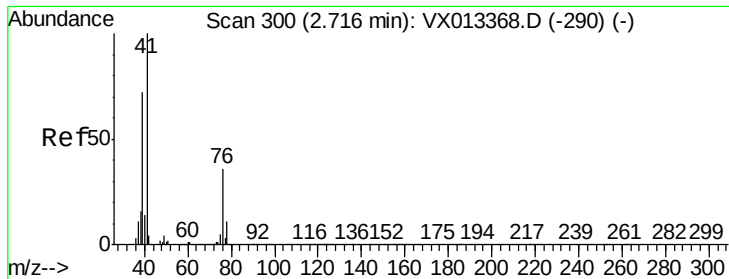
Tgt Ion: 58 Resp: 157137
Ion Ratio Lower Upper
58 100
43 315.7 261.4 392.2



#16
Carbon Disulfide
Concen: 17.371 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 76 Resp: 391809
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

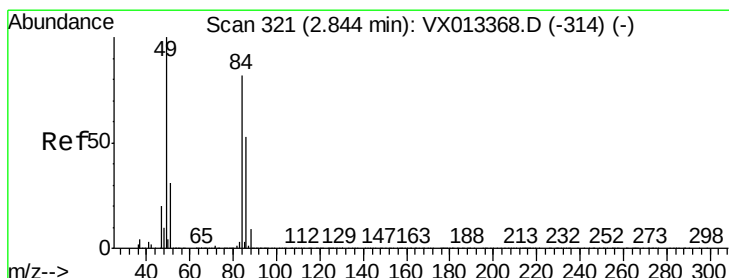
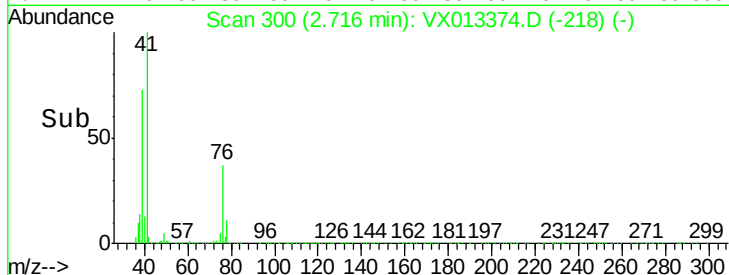
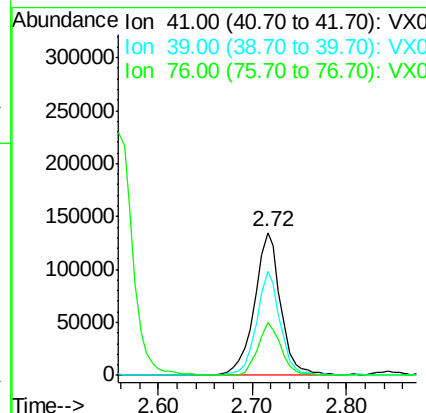
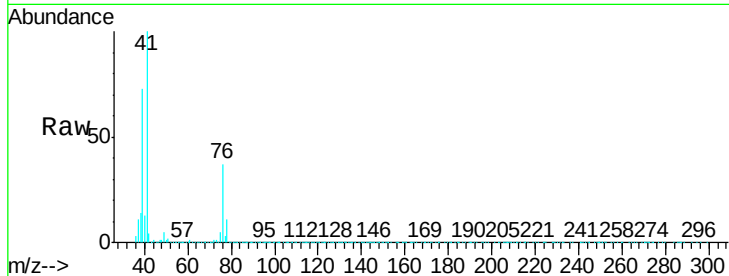




#17
 Allyl chloride
 Concen: 17.564 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

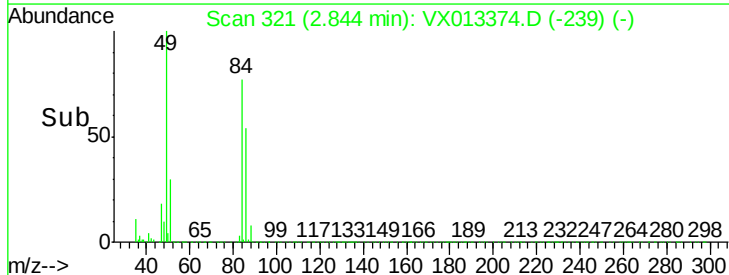
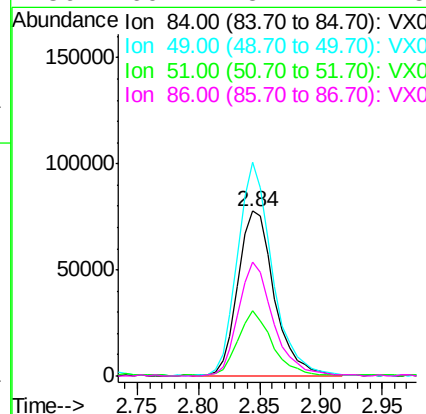
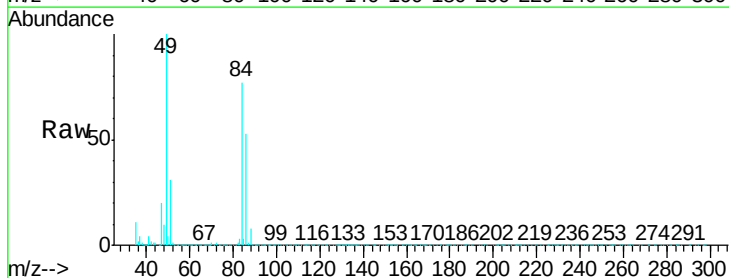
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

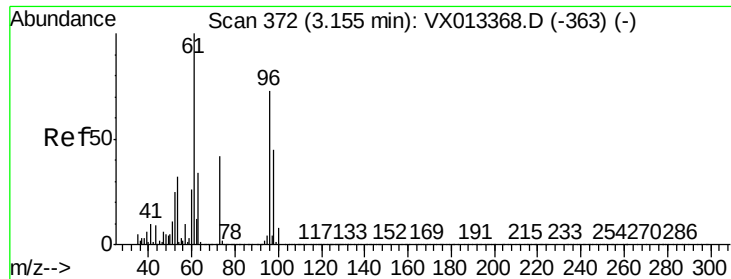
Tgt Ion:	41	Resp:	261552
Ion	Ratio	Lower	Upper
41	100		
39	72.8	36.1	108.3
76	36.5	18.1	54.4



#18
 Methylene Chloride
 Concen: 17.501 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion:	84	Resp:	160567
Ion	Ratio	Lower	Upper
84	100		
49	129.2	96.8	145.2
51	39.4	30.0	45.0
86	69.2	51.7	77.5

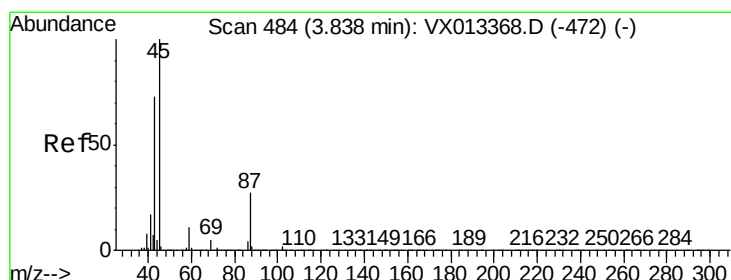
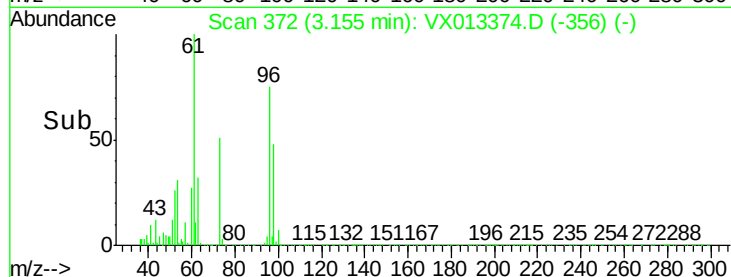
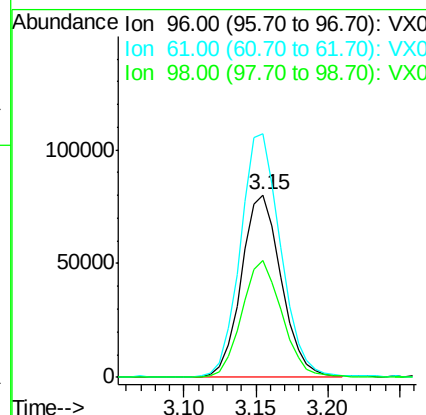
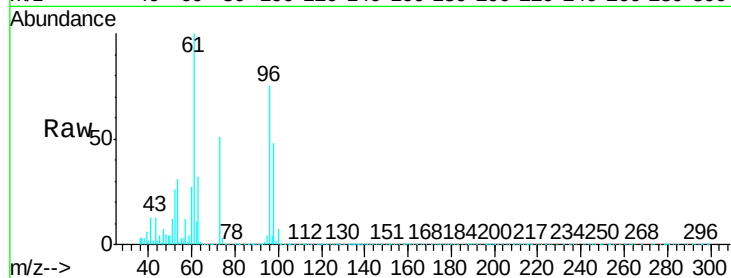




#19
trans-1,2-Dichloroethene
Concen: 17.896 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

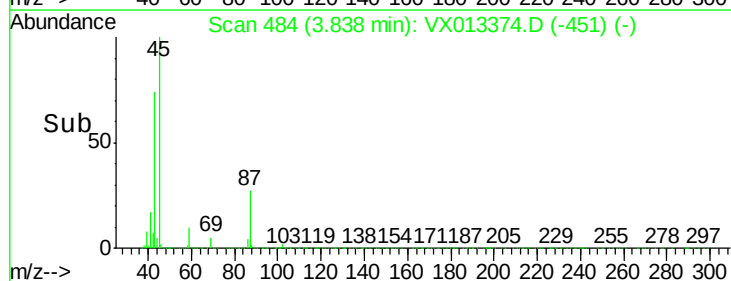
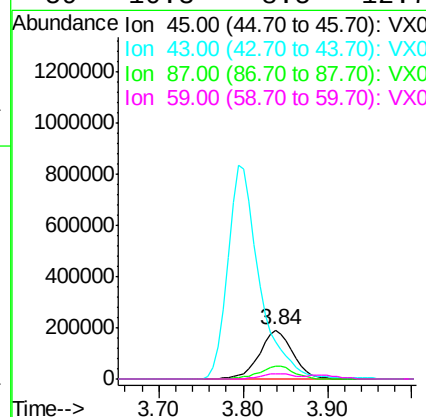
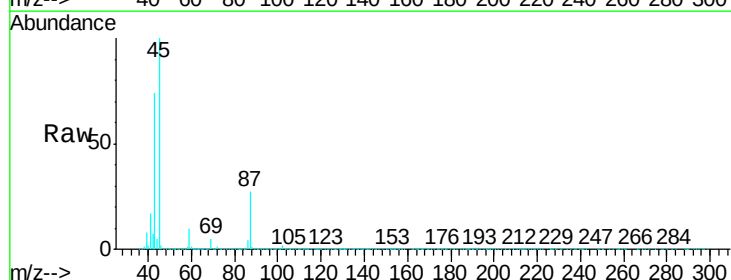
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

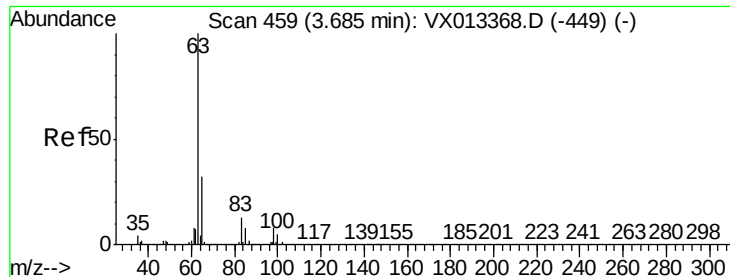
Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.2	109.9	164.9
98	63.6	49.7	74.5



#20
Diisopropyl ether
Concen: 17.860 ug/l
RT: 3.84 min Scan# 484
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.0	67.7	101.5
87	26.9	21.5	32.3
59	10.3	8.5	12.7





#21

1,1-Dichloroethane

Concen: 17.799 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

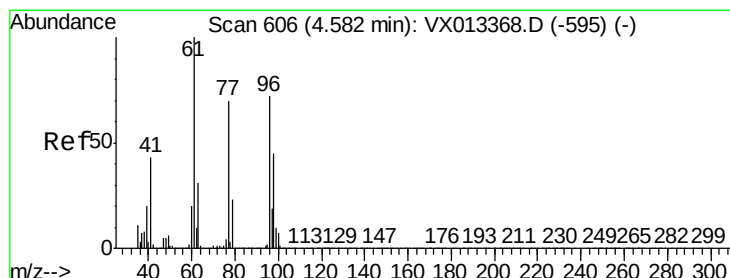
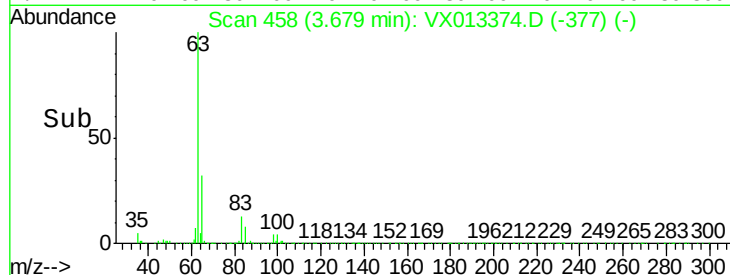
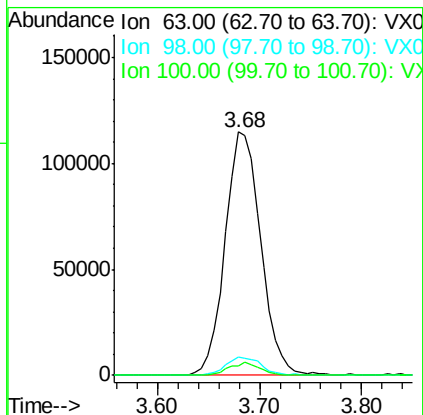
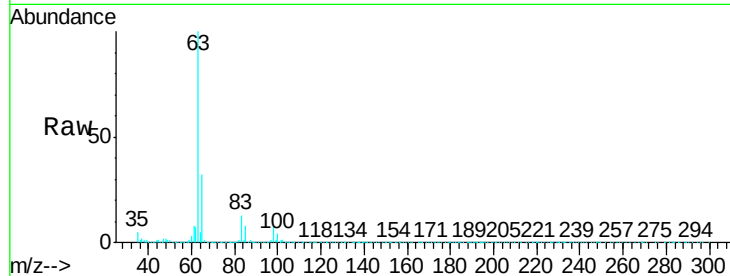
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	63	Resp:	277747
Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	11.9
100	3.9	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 17.743 ug/l

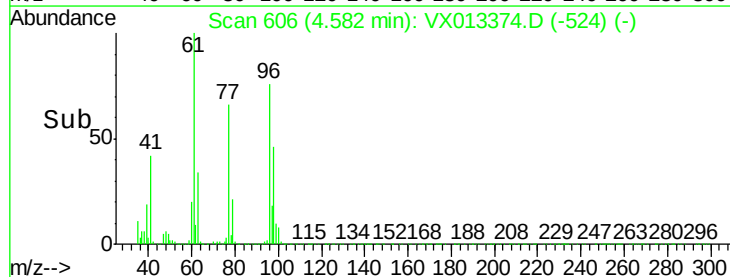
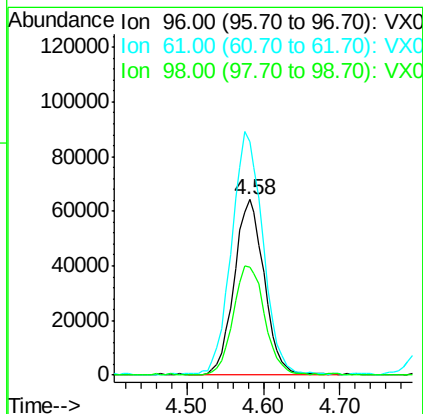
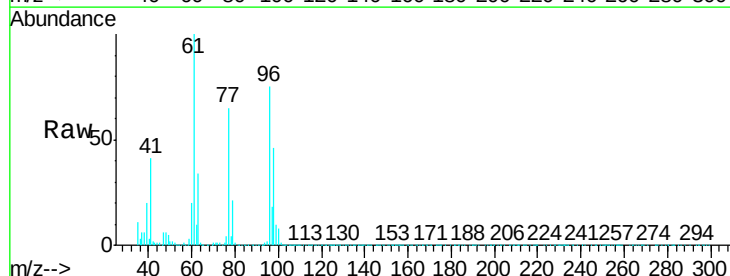
RT: 4.58 min Scan# 606

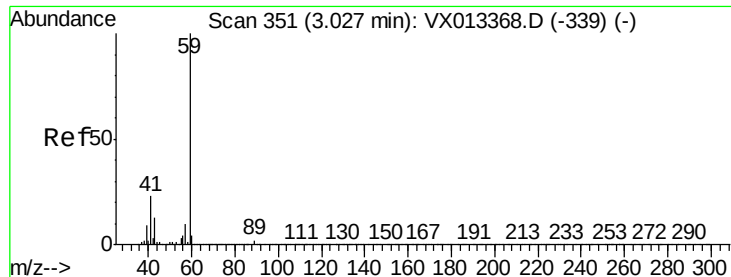
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	96	Resp:	174821
Ion	Ratio	Lower	Upper
96	100		
61	142.4	117.0	175.6
98	65.3	51.1	76.7





#23

tert-Butyl Alcohol

Concen: 83.125 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

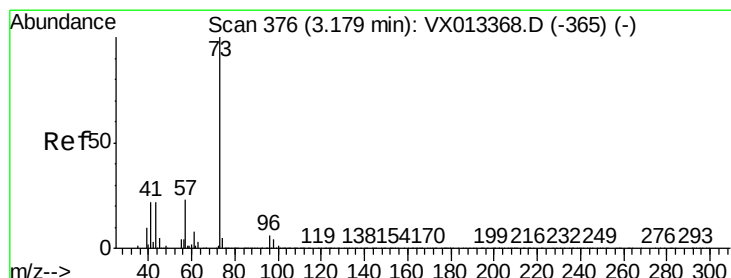
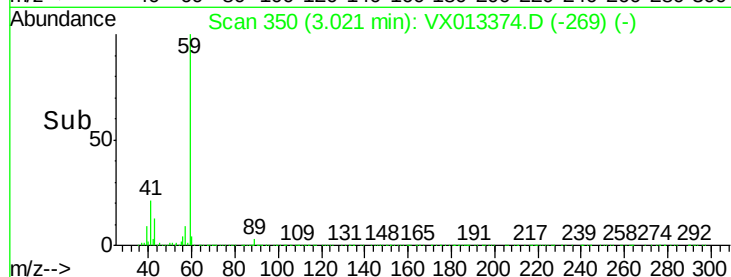
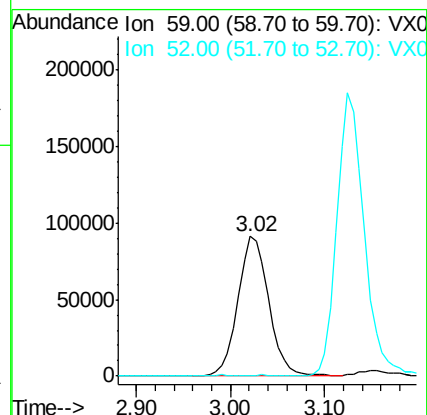
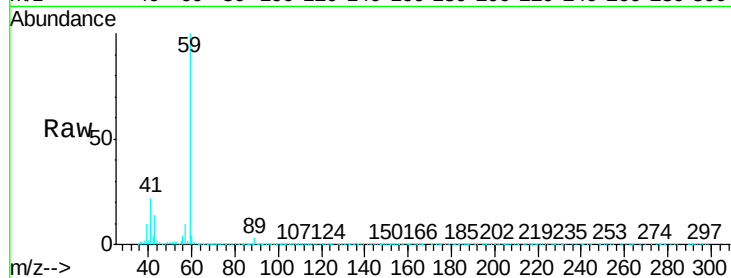
VSTDCCC020

Tgt Ion: 59 Resp: 208445

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.068 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013374.D

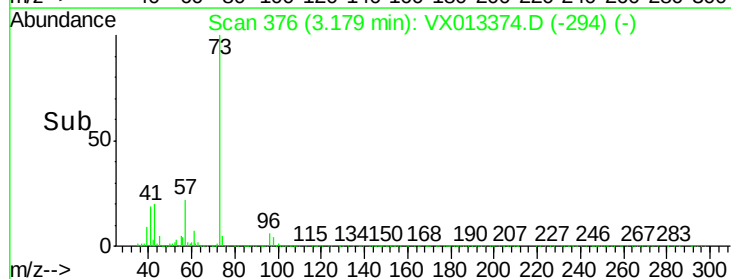
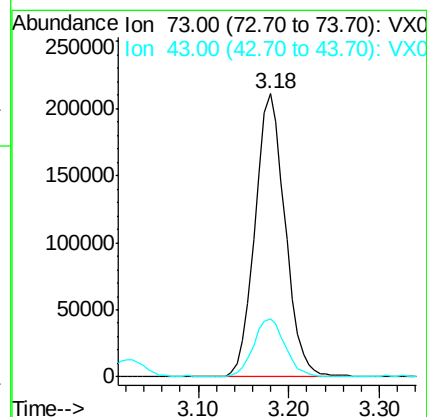
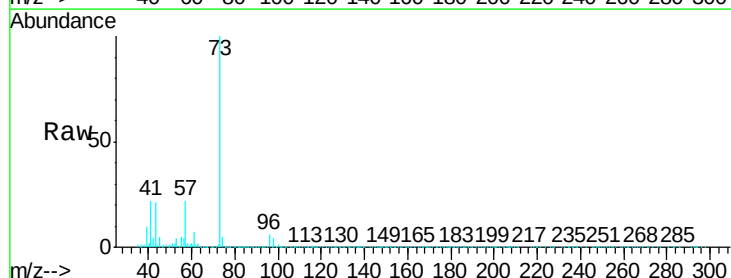
Acq: 12 Nov 2019 09:58

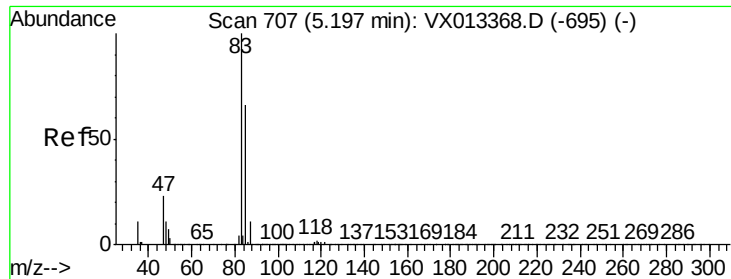
Tgt Ion: 73 Resp: 483557

Ion Ratio Lower Upper

73 100

43 21.2 17.0 25.6





#25

Chloroform

Concen: 17.966 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

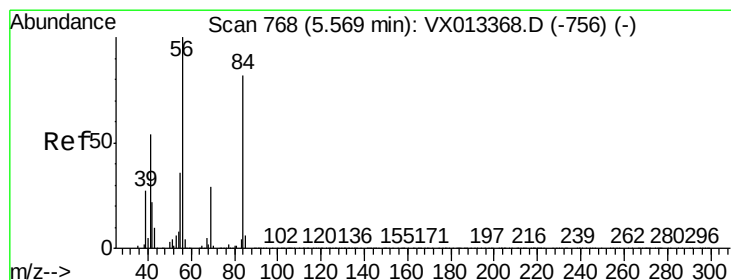
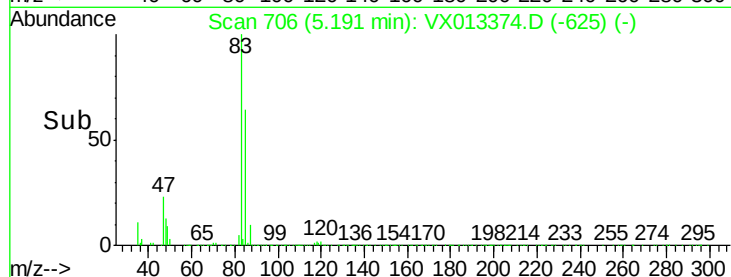
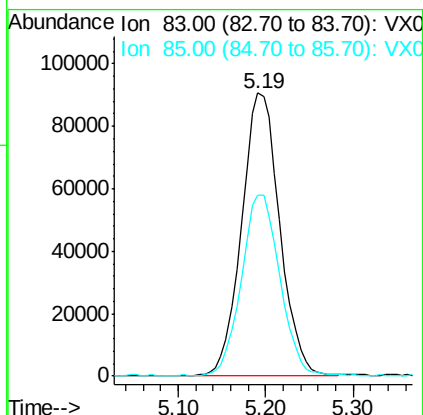
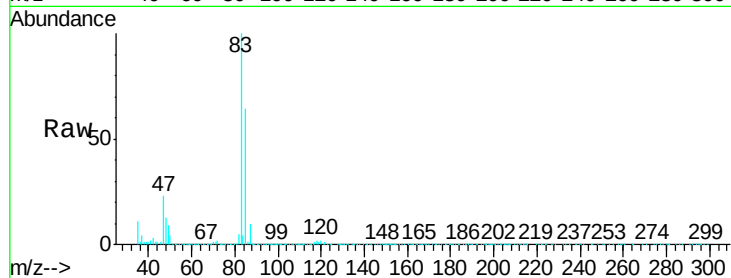
VSTDCCC020

Tgt Ion: 83 Resp: 274418

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6



#26

Cyclohexane

Concen: 17.047 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

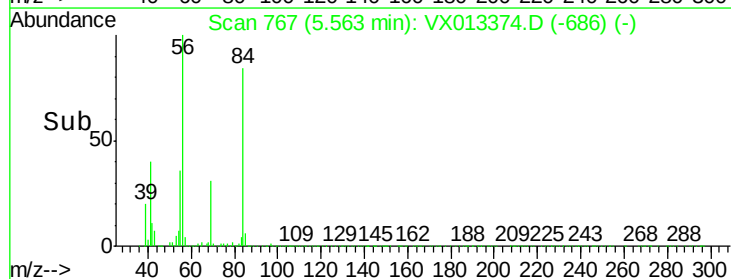
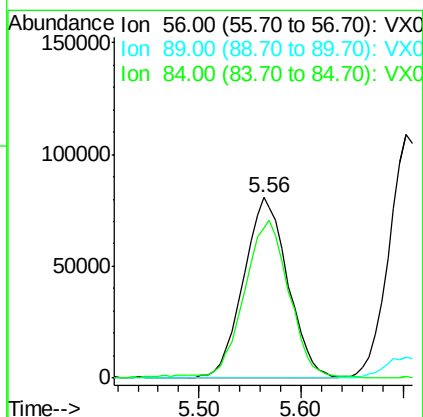
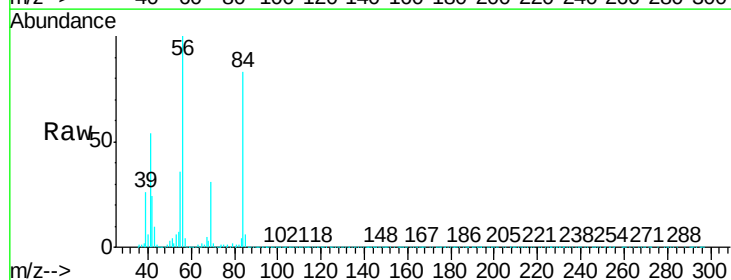
Tgt Ion: 56 Resp: 241575

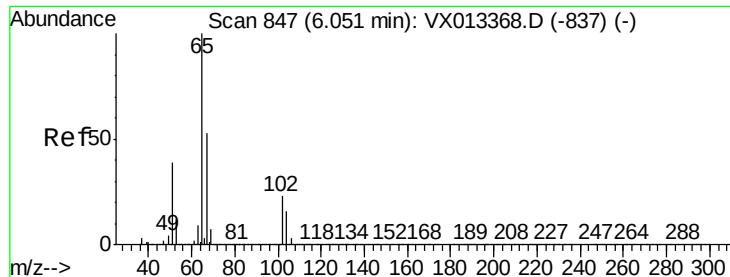
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 86.4 70.5 105.7

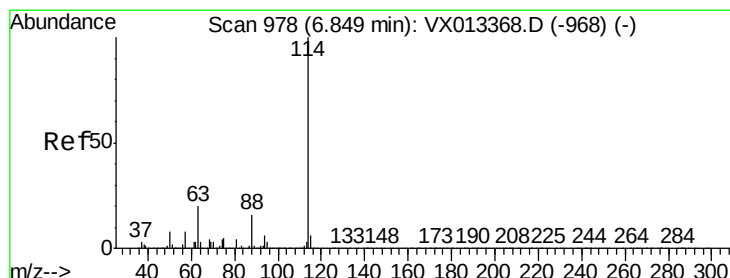
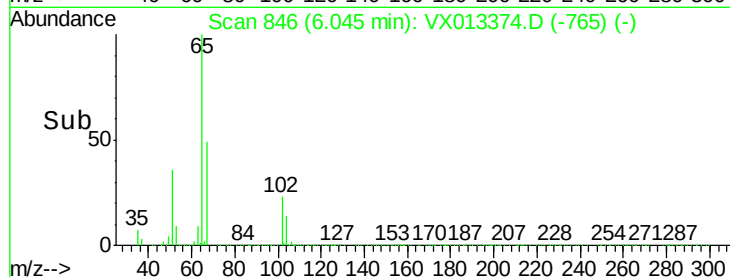
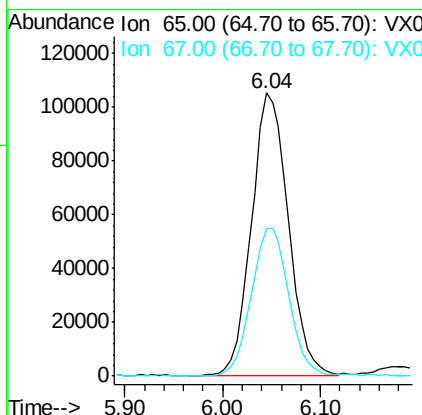
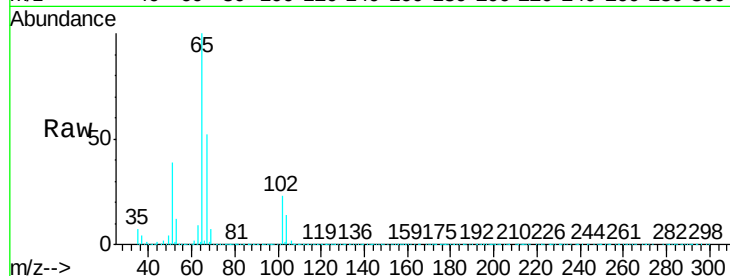




#27
 1,2-Dichloroethane-d4
 Concen: 28.522 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

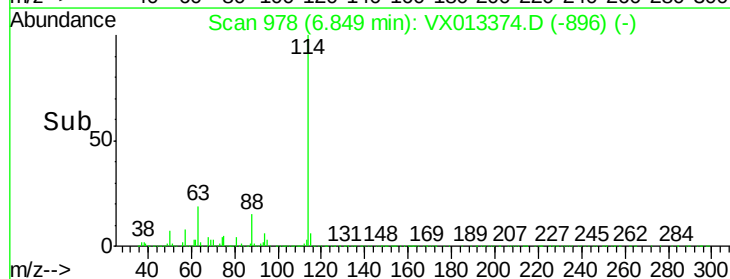
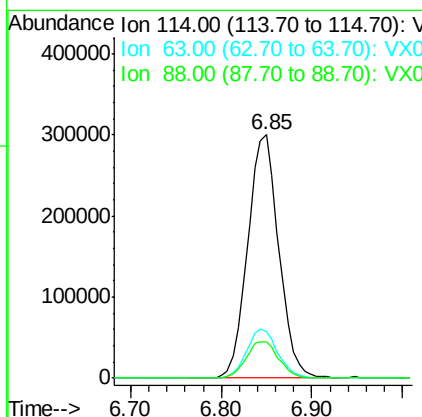
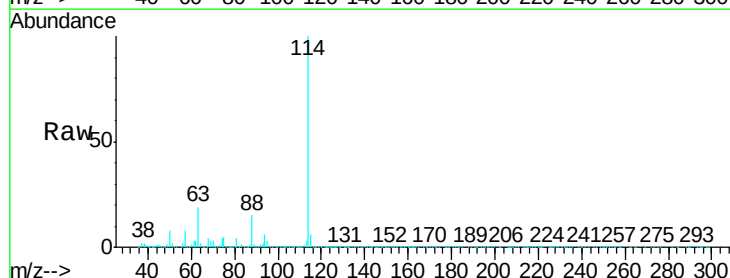
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

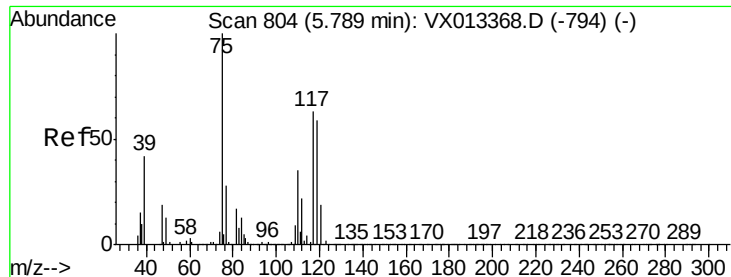
Tgt Ion: 65 Resp: 275761
 Ion Ratio Lower Upper
 65 100
 67 52.6 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion: 114 Resp: 710652
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.1 24.1
 88 15.6 12.3 18.5





#29

1,1-Dichloropropene

Concen: 18.481 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

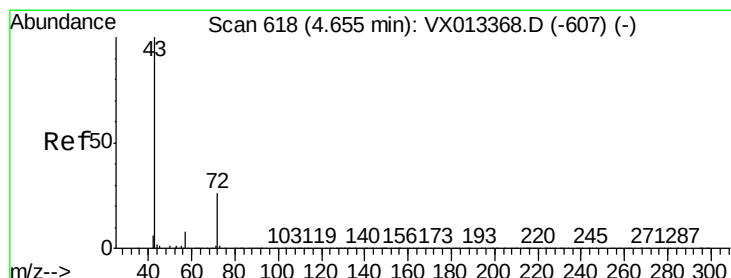
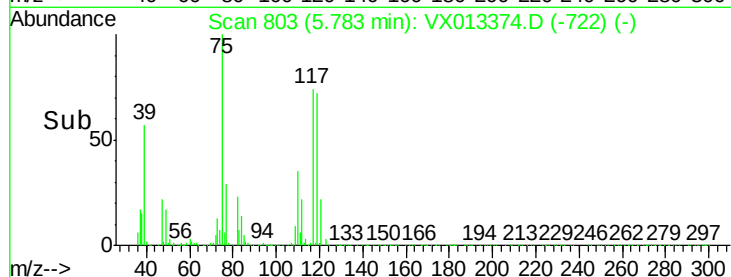
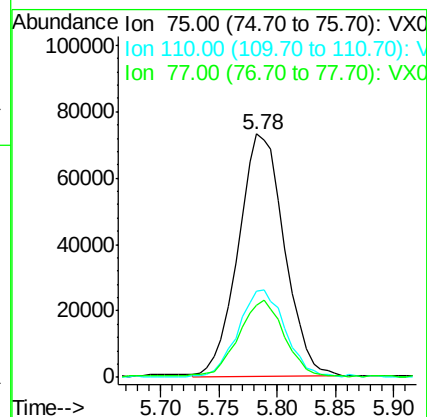
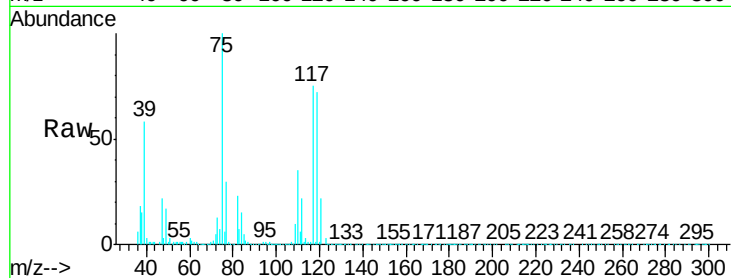
Tgt Ion: 75 Resp: 200602

Ion Ratio Lower Upper

75 100

110 36.8 0.0 74.6

77 30.9 0.0 62.6



#30

2-Butanone

Concen: 96.897 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

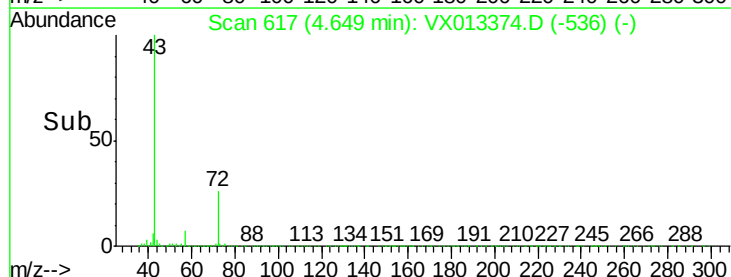
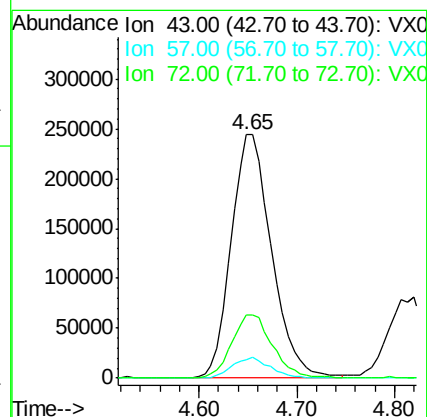
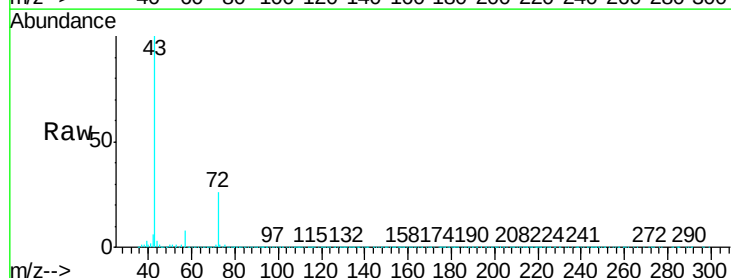
Tgt Ion: 43 Resp: 694219

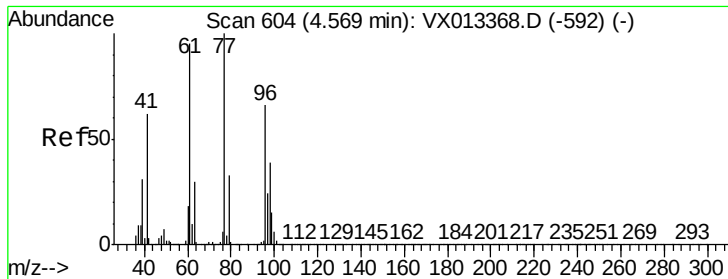
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 26.1 20.5 30.7





#31

2,2-Dichloropropane

Concen: 19.241 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

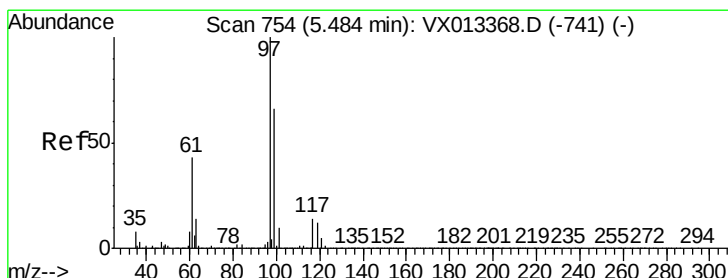
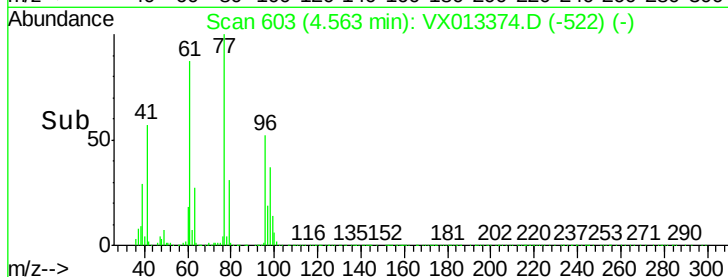
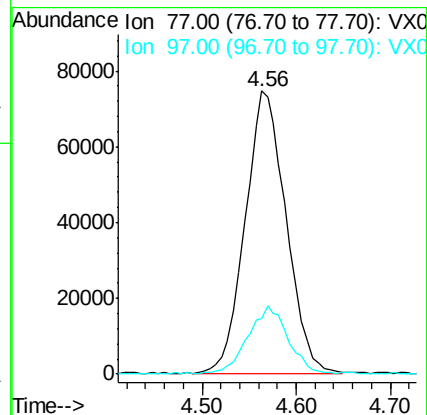
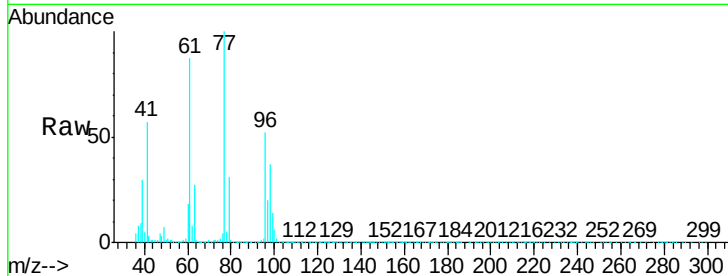
VSTDCCC020

Tgt Ion: 77 Resp: 226179

Ion Ratio Lower Upper

77 100

97 23.3 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.586 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

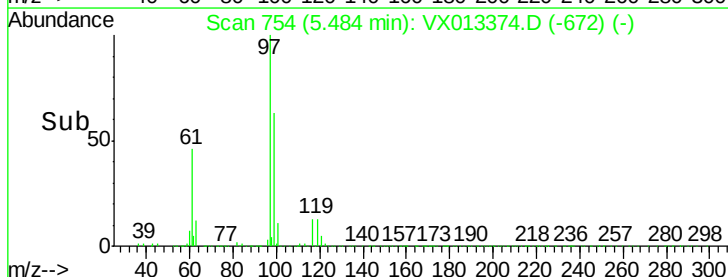
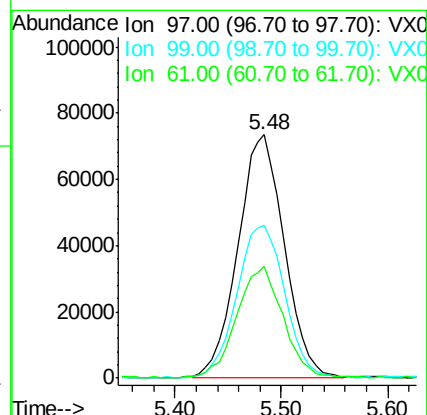
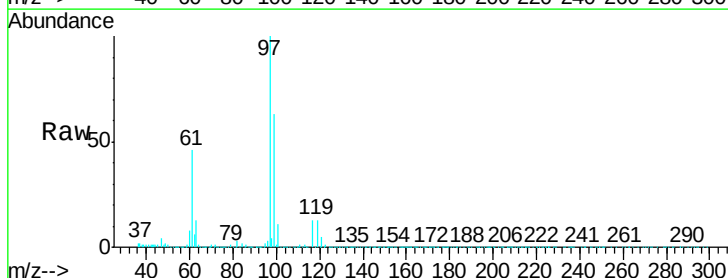
Tgt Ion: 97 Resp: 224229

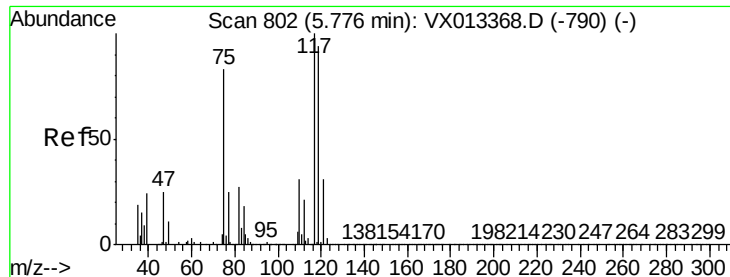
Ion Ratio Lower Upper

97 100

99 64.6 52.5 78.7

61 44.9 36.1 54.1





#33

Carbon Tetrachloride

Concen: 18.054 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

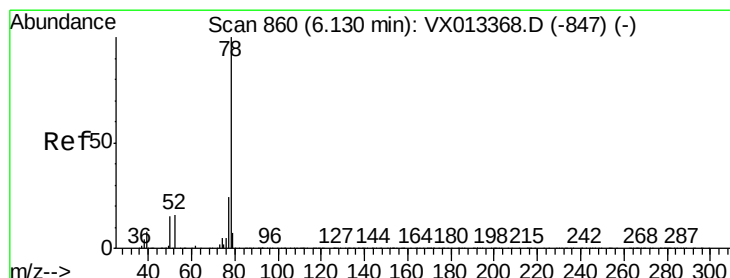
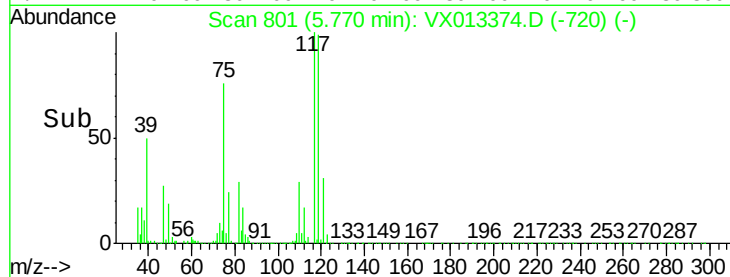
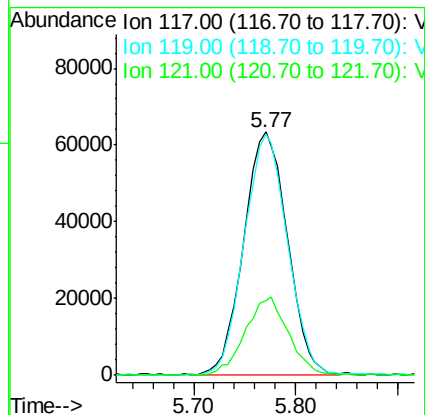
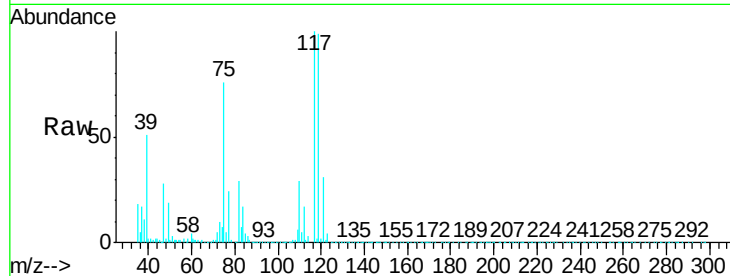
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	117	Resp:	189191
Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.0	112.6
121	30.6	24.9	37.3



#34

Benzene

Concen: 19.178 ug/l

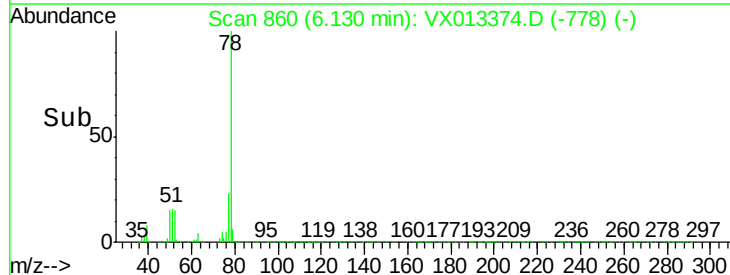
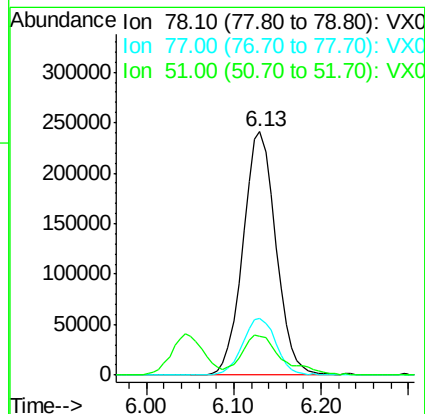
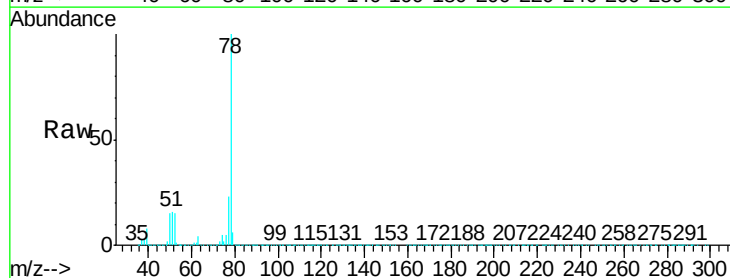
RT: 6.13 min Scan# 860

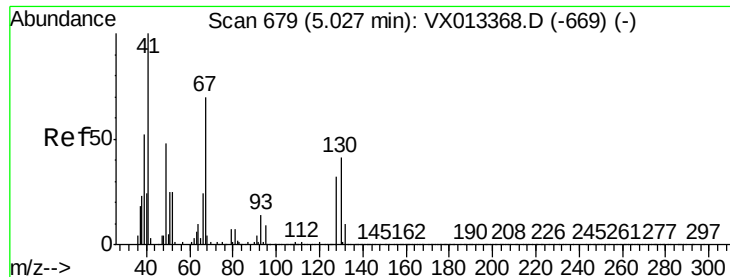
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	78	Resp:	631400
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9
51	15.7	12.2	18.4

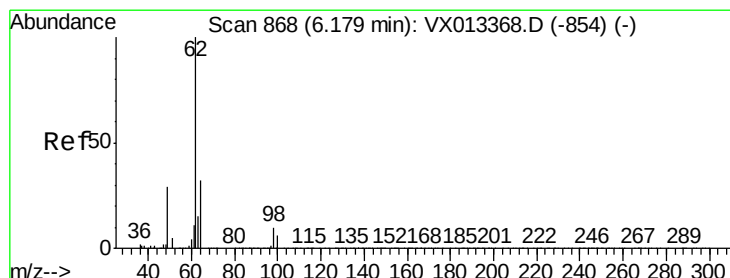
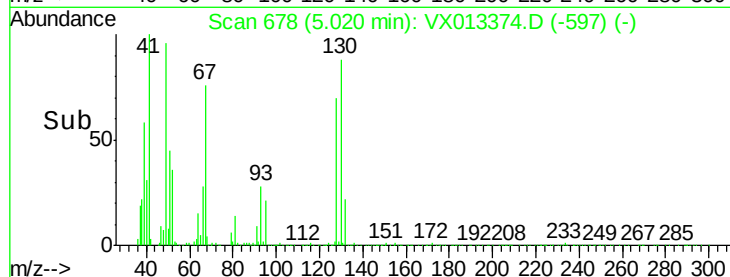
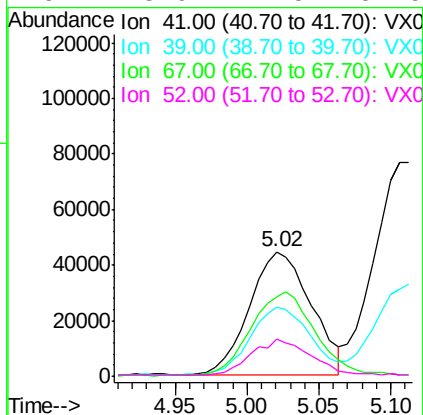
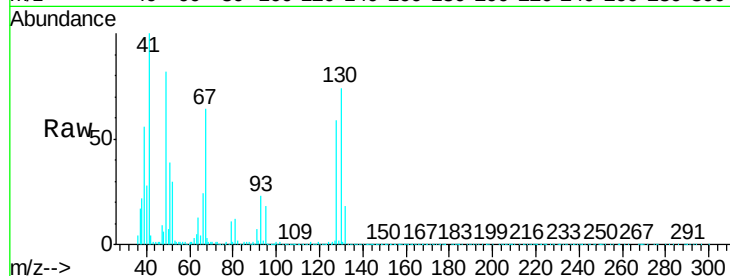




#35
Methacrylonitrile
Concen: 18.461 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

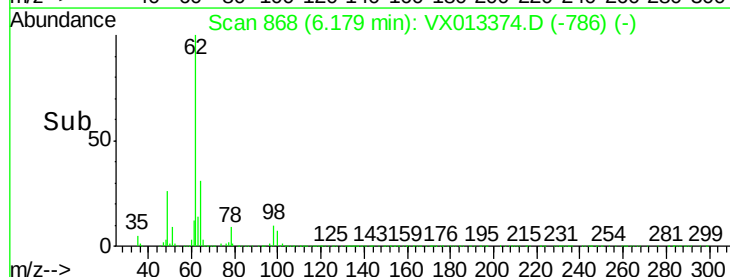
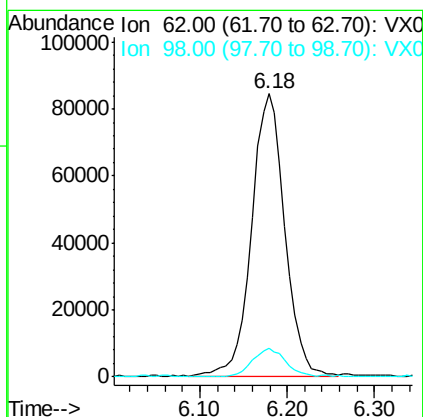
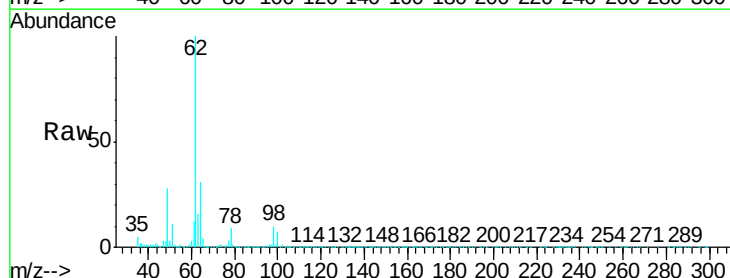
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

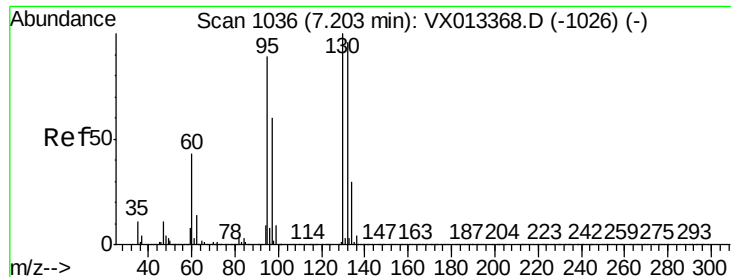
Tgt Ion:	41	Resp:	132080
Ion	Ratio	Lower	Upper
41	100		
39	54.3	25.9	77.8
67	64.1	35.1	105.5
52	28.9	12.5	37.5



#36
1,2-Dichloroethane
Concen: 19.292 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion:	62	Resp:	222325
Ion	Ratio	Lower	Upper
62	100		
98	9.6	8.2	12.2





#37

Trichloroethene

Concen: 18.910 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

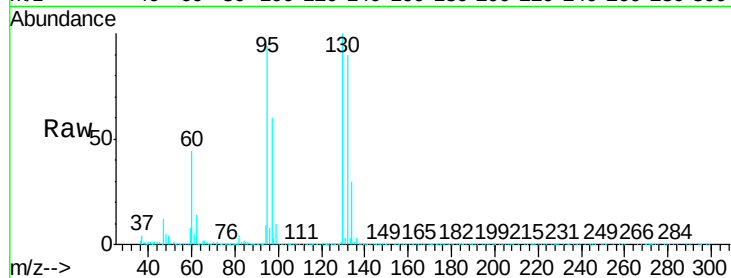
VSTDCCC020

Tgt Ion: 130 Resp: 166790

Ion Ratio Lower Upper

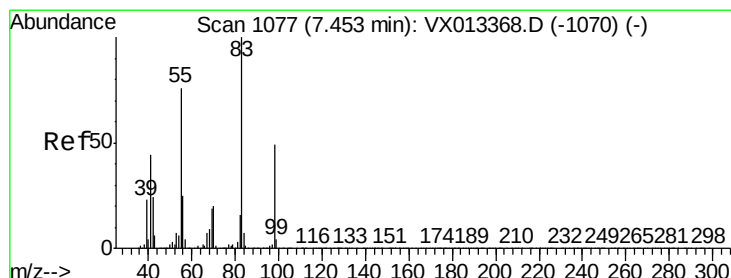
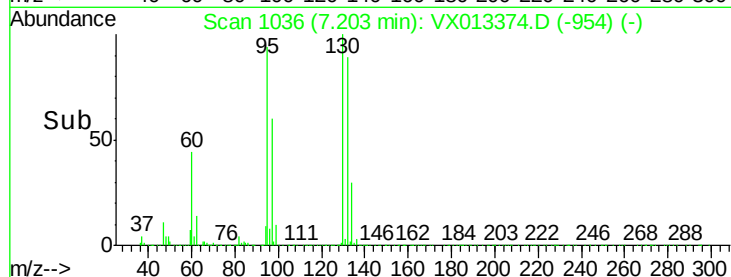
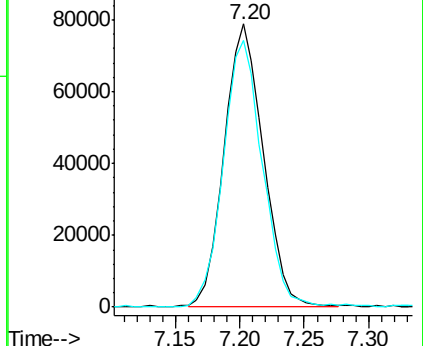
130 100

95 94.4 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.256 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

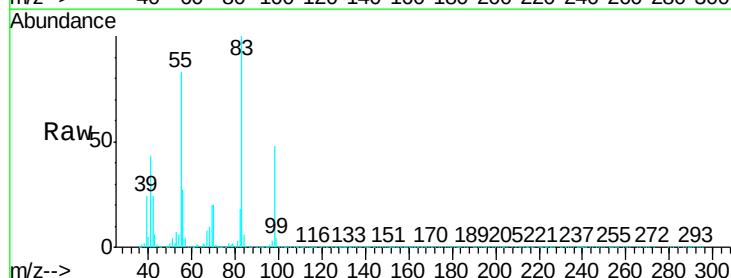
Tgt Ion: 83 Resp: 242971

Ion Ratio Lower Upper

83 100

55 78.7 37.9 113.7

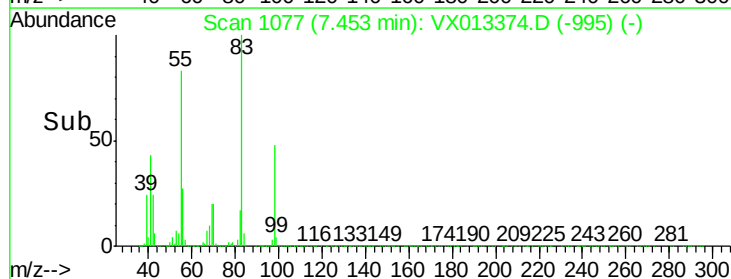
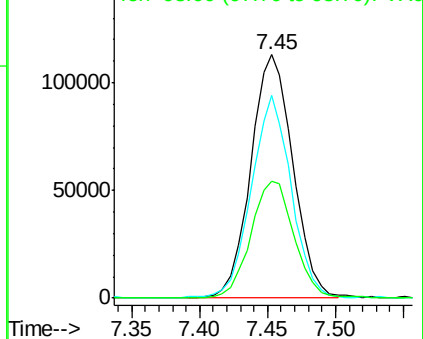
98 49.6 25.1 75.3

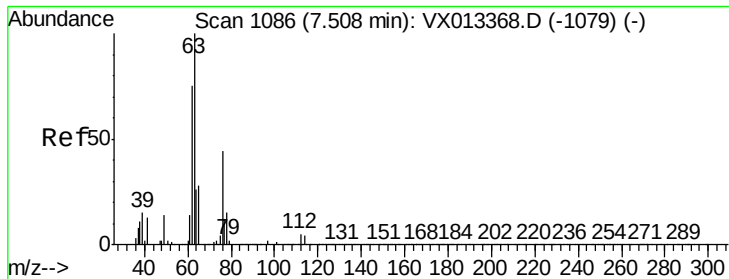


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.805 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

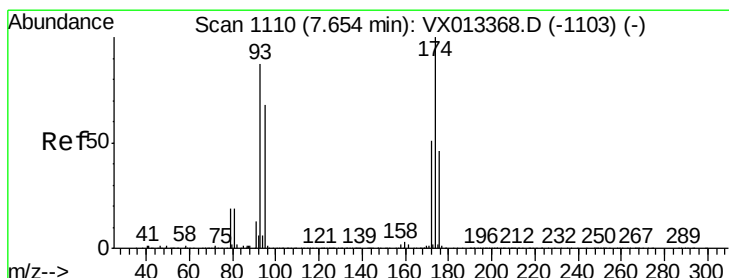
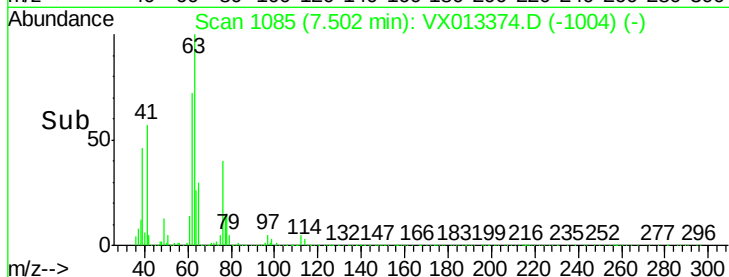
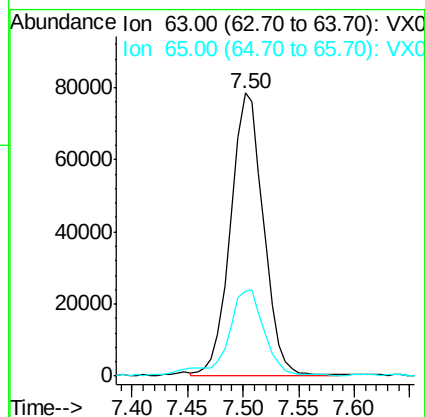
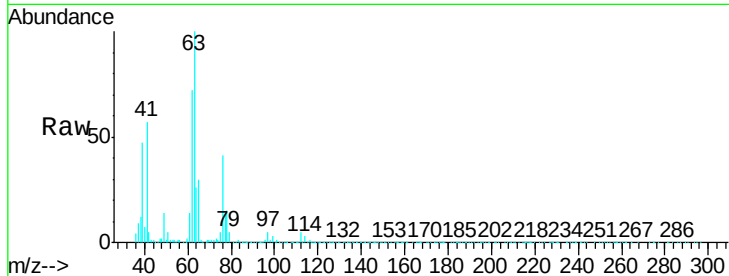
VSTDCCC020

Tgt Ion: 63 Resp: 160089

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.8



#40

Dibromomethane

Concen: 18.423 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

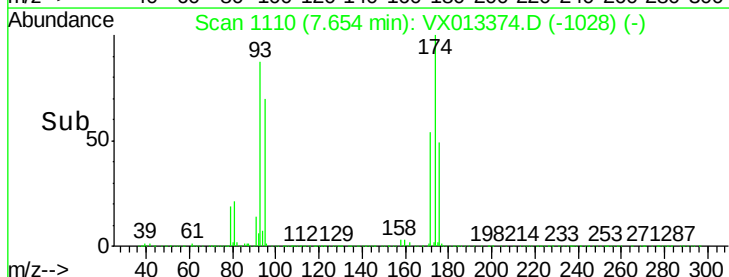
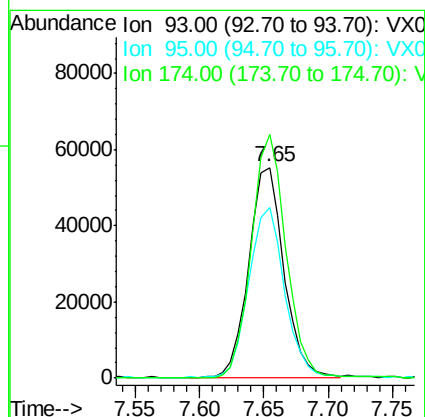
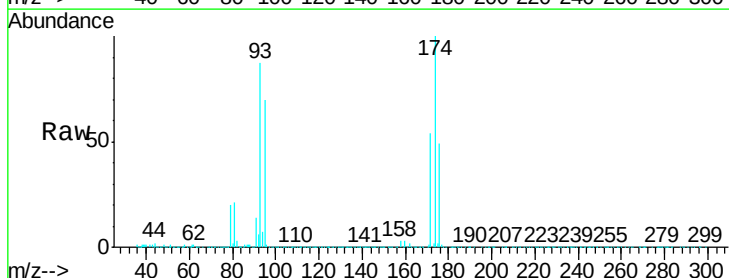
Tgt Ion: 93 Resp: 104371

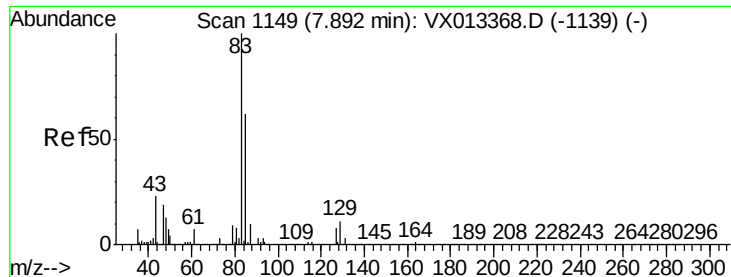
Ion Ratio Lower Upper

93 100

95 83.0 0.0 160.8

174 113.6 0.0 228.8





#41

Bromodichloromethane

Concen: 18.712 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

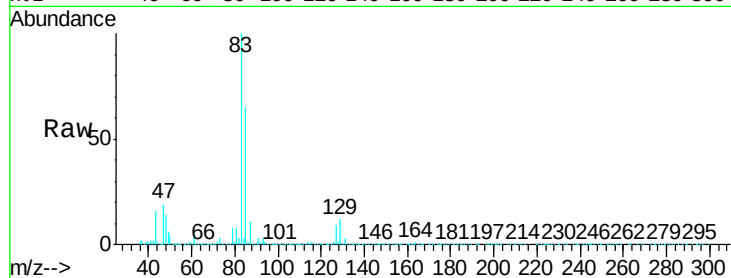
Tgt Ion: 83 Resp: 206943

Ion Ratio Lower Upper

83 100

85 64.6 49.3 73.9

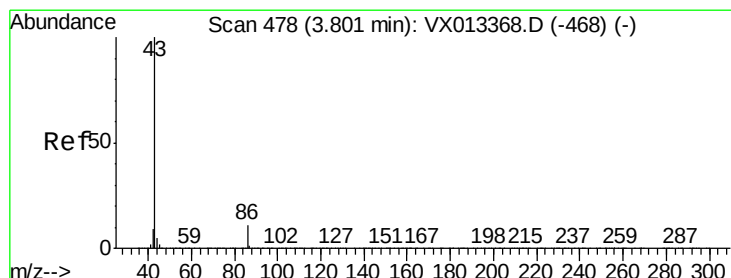
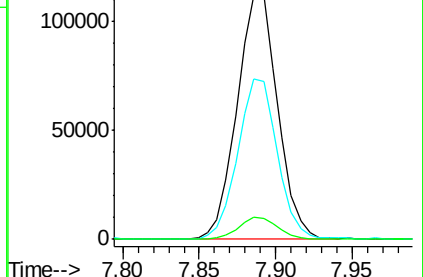
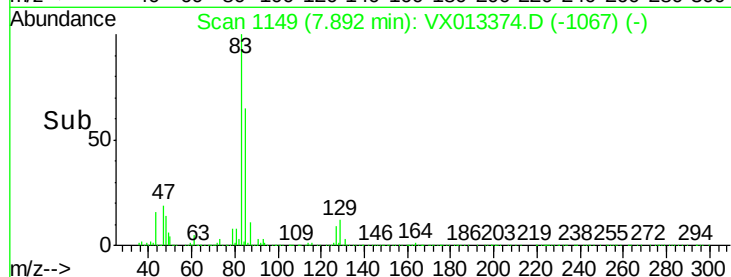
127 8.5 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.118 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013374.D

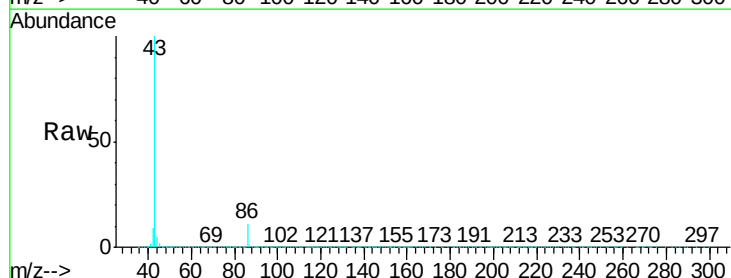
Acq: 12 Nov 2019 09:58

Tgt Ion: 43 Resp: 2145536

Ion Ratio Lower Upper

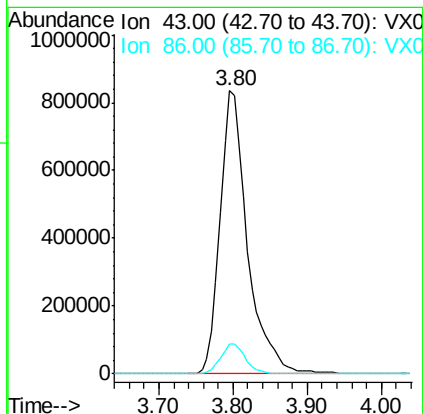
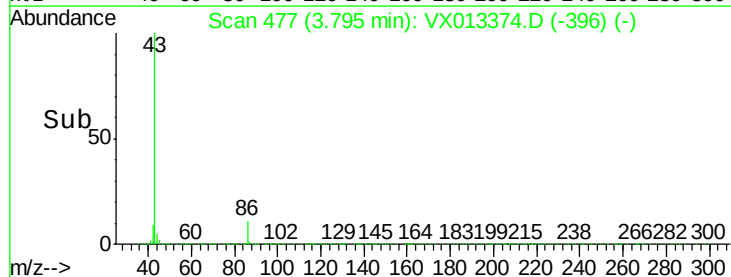
43 100

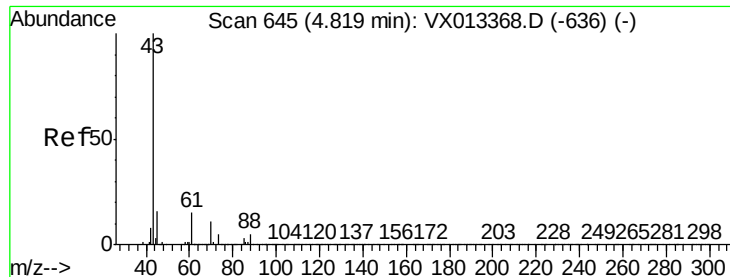
86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.204 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

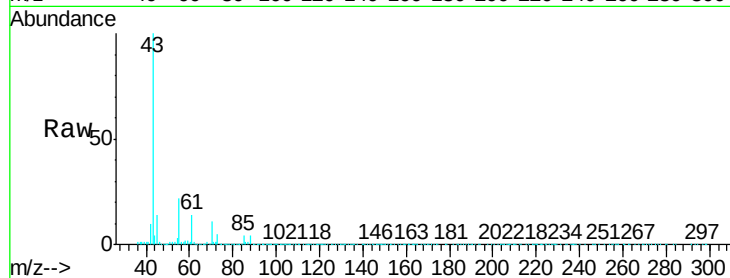
VSTDCCC020

Tgt Ion: 43 Resp: 237875

Ion Ratio Lower Upper

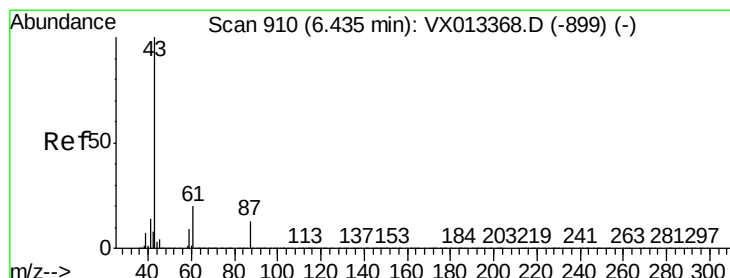
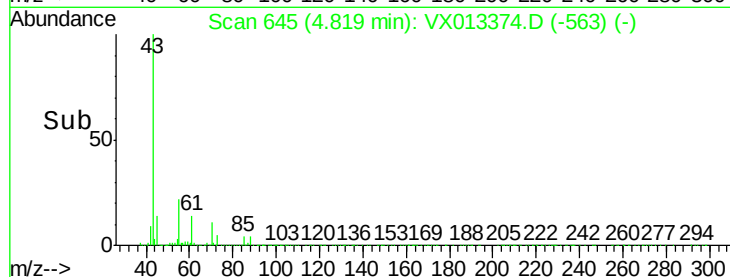
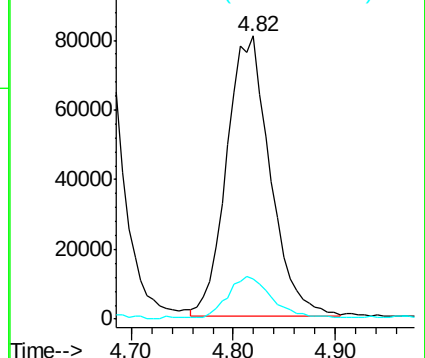
43 100

45 15.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.414 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013374.D

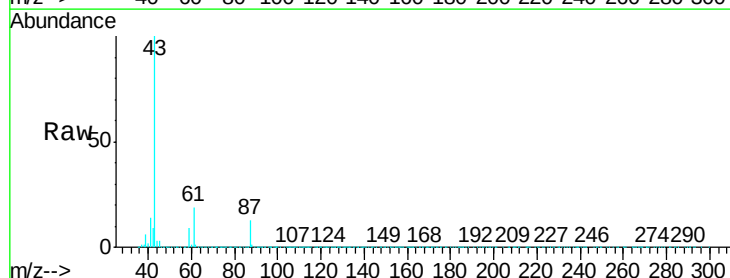
Acq: 12 Nov 2019 09:58

Tgt Ion: 43 Resp: 386777

Ion Ratio Lower Upper

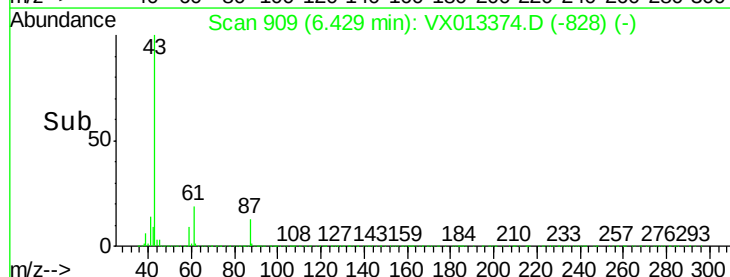
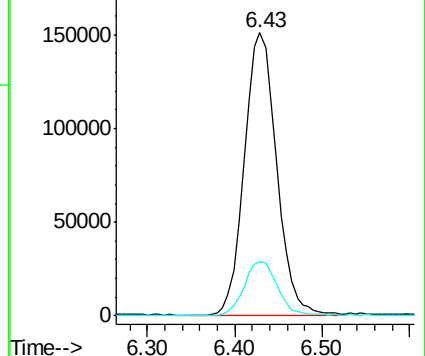
43 100

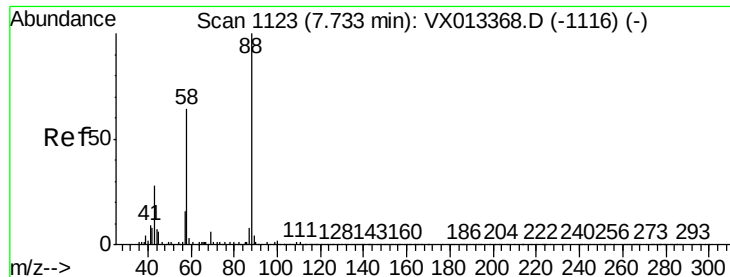
61 19.7 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

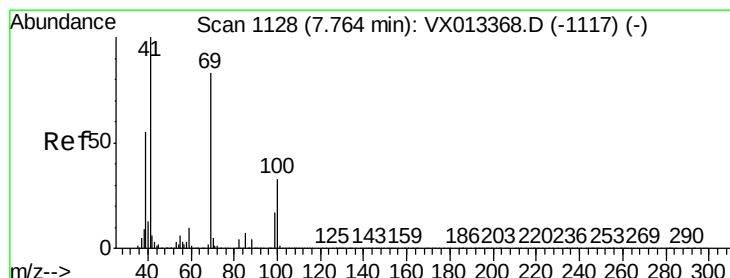
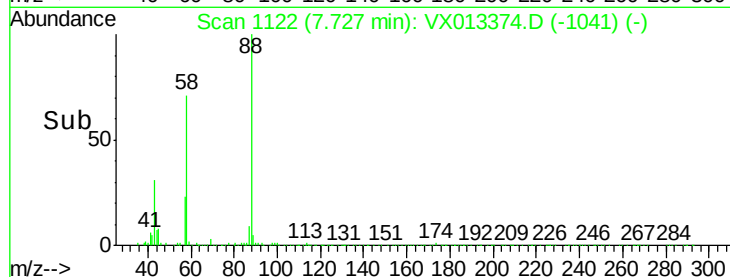
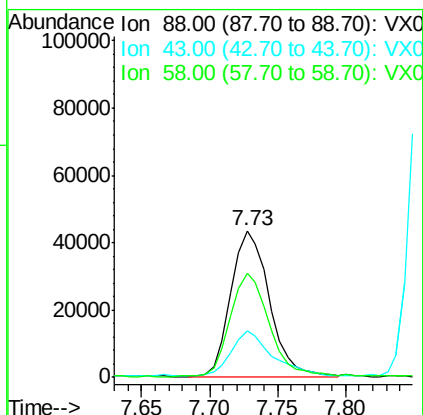
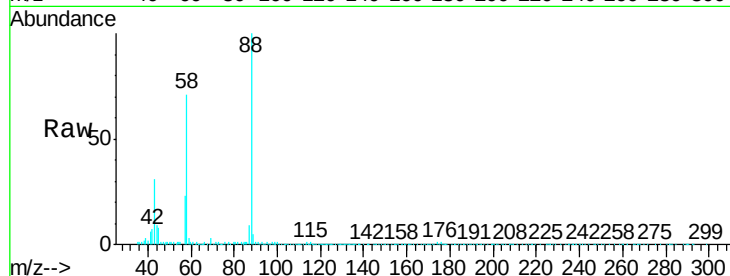




#45
1,4-Dioxane
Concen: 374.339 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

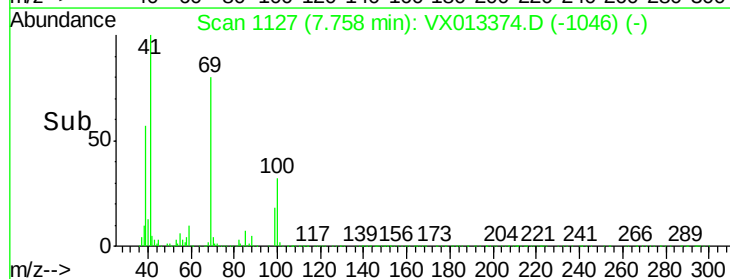
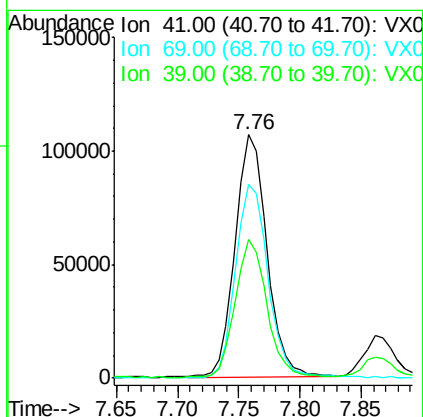
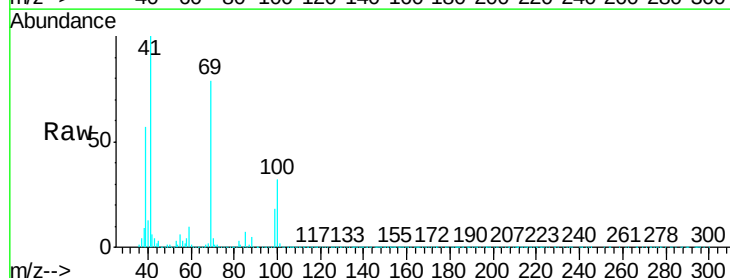
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

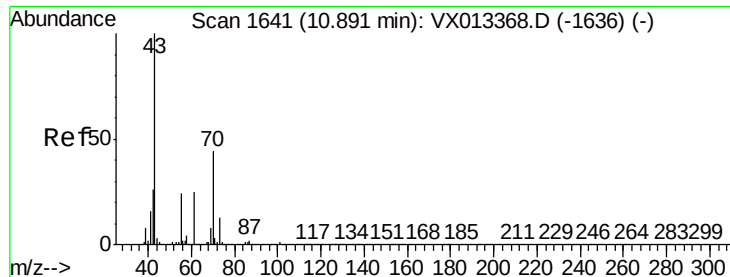
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.1	39.1
58	70.4	55.8	83.8



#46
Methyl methacrylate
Concen: 18.523 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.4	41.4	124.4
39	56.7	27.9	83.6

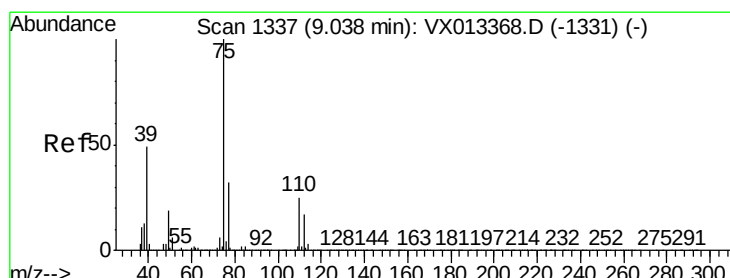
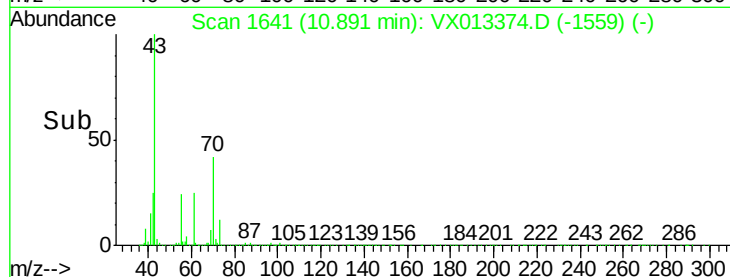
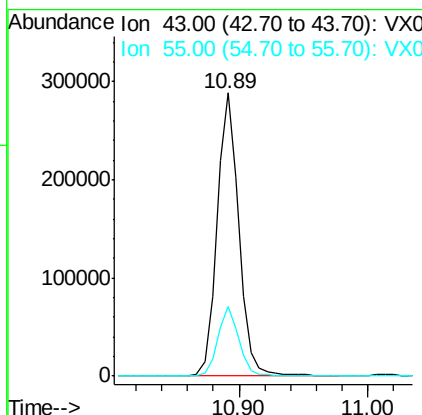
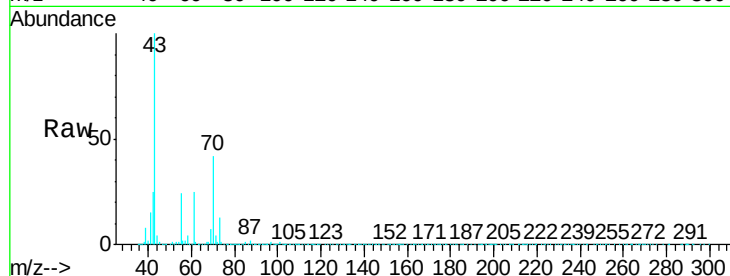




#47
n-amyI Acetate
Concen: 18.525 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

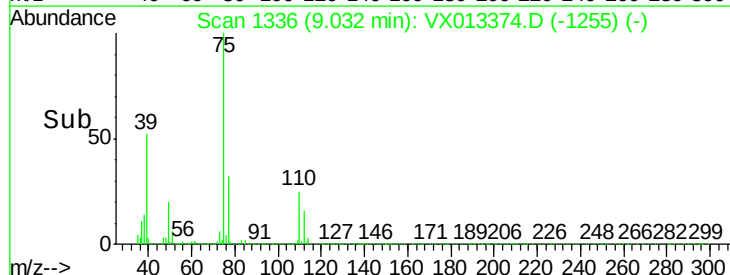
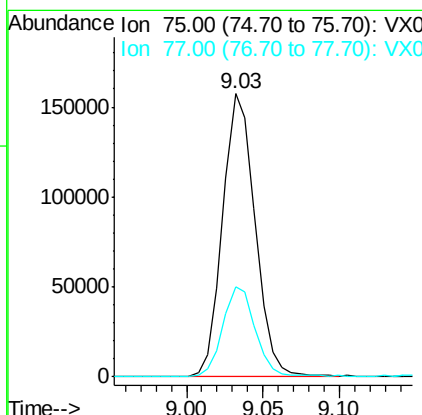
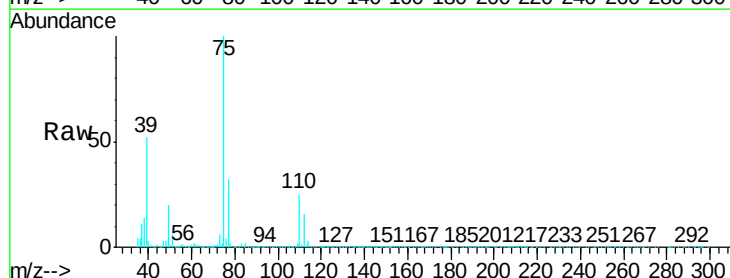
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

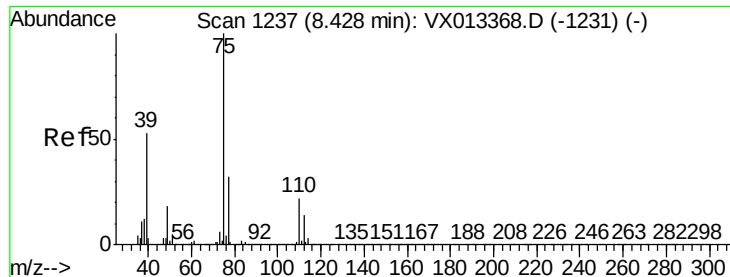
Tgt Ion: 43 Resp: 341307
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 18.687 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 75 Resp: 231741
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 19.084 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

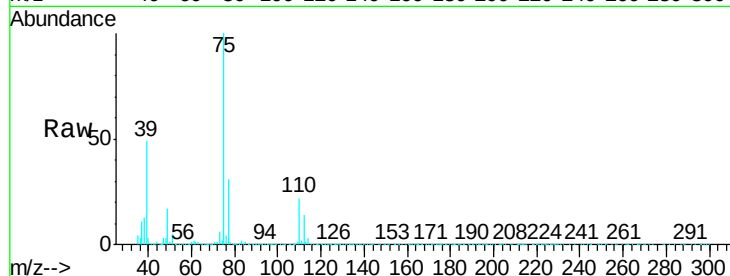
Tgt Ion: 75 Resp: 259328

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8

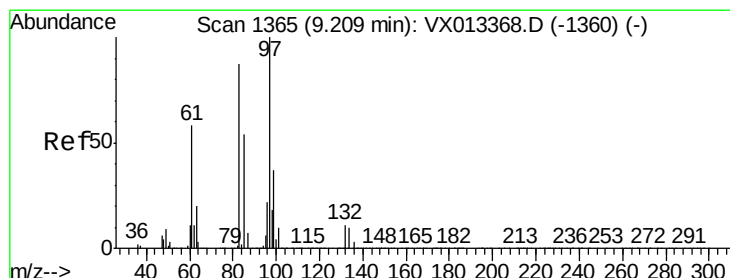
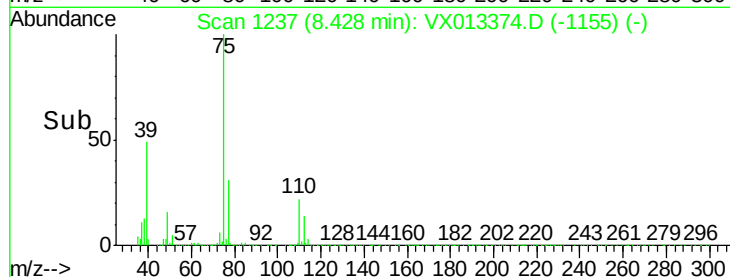
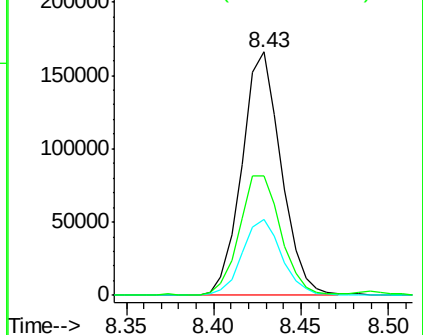
39 48.7 42.2 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 18.354 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion: 97 Resp: 153871

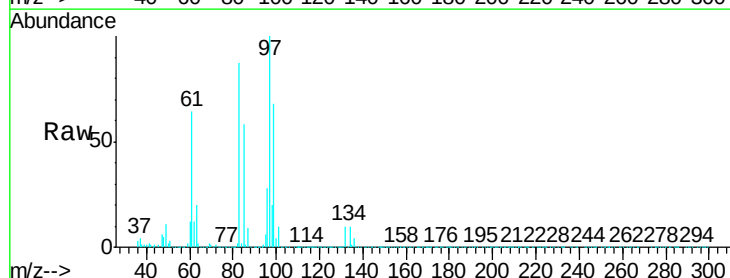
Ion Ratio Lower Upper

97 100

83 87.3 69.6 104.4

85 57.9 45.5 68.3

99 67.4 50.0 75.0

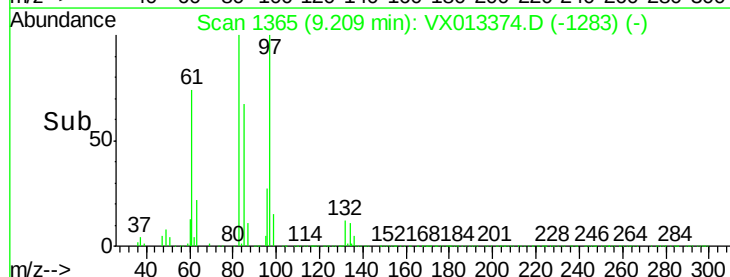
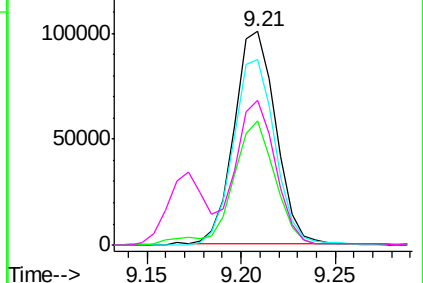


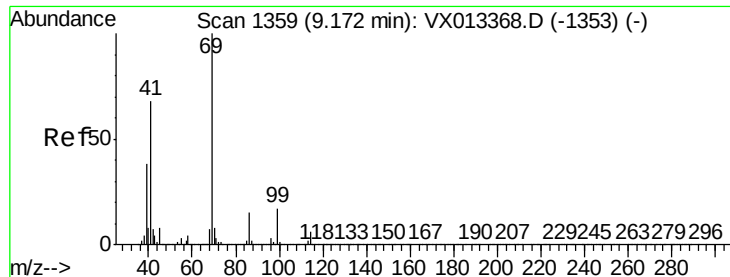
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.480 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

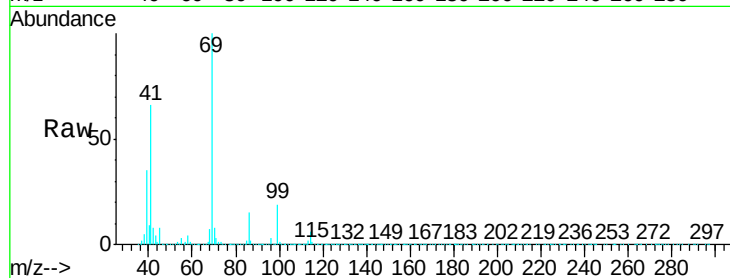
Tgt Ion: 69 Resp: 255085

Ion Ratio Lower Upper

69 100

41 66.0 33.9 101.6

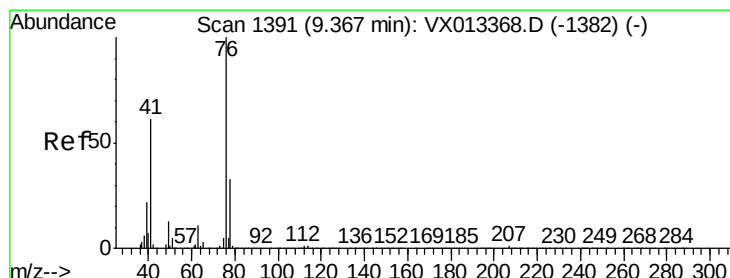
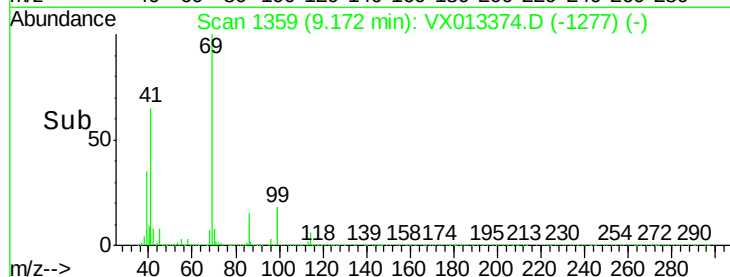
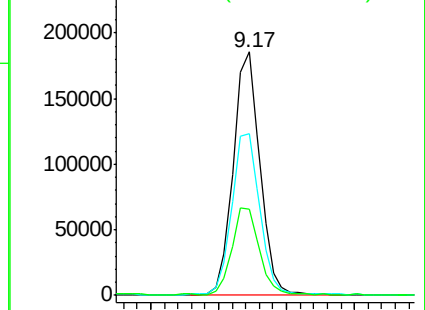
39 35.1 18.8 56.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.927 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013374.D

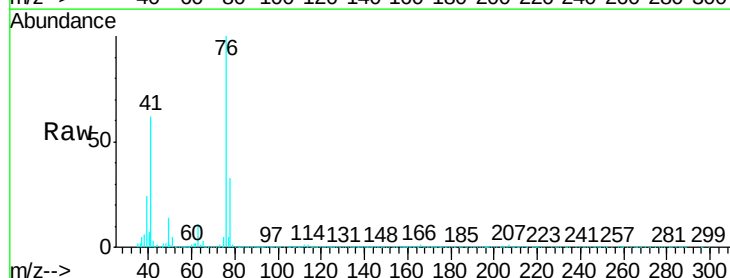
Acq: 12 Nov 2019 09:58

Tgt Ion: 76 Resp: 271258

Ion Ratio Lower Upper

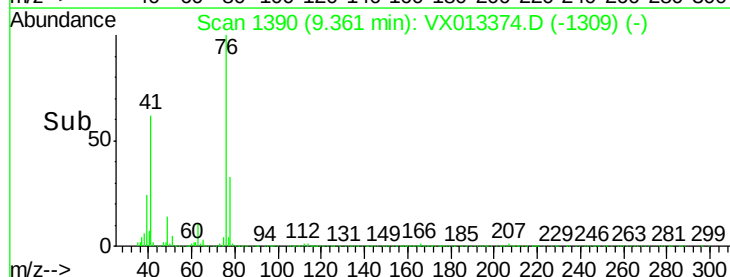
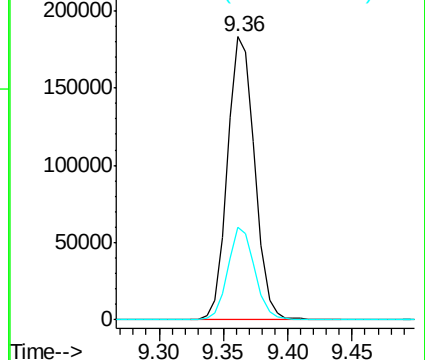
76 100

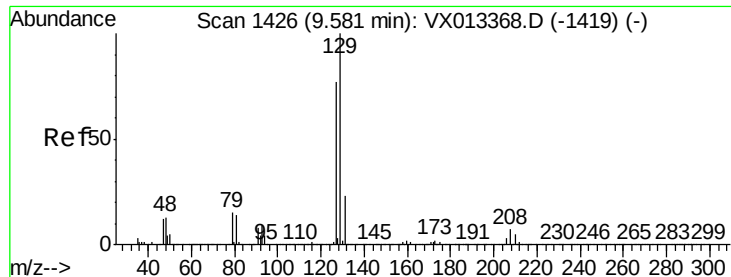
78 32.1 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.721 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

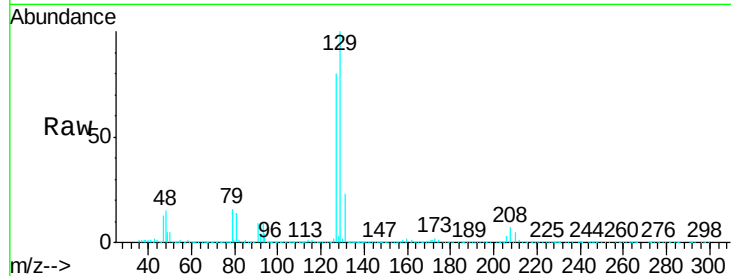
VSTDCCC020

Tgt Ion:129 Resp: 166342

Ion Ratio Lower Upper

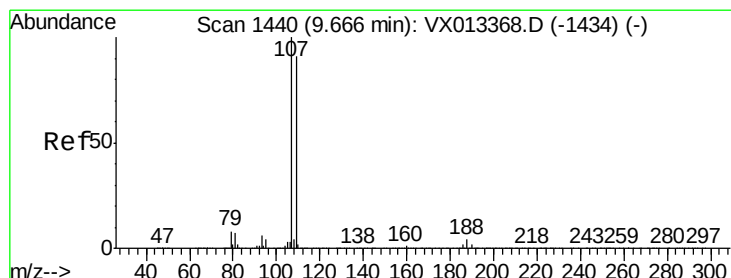
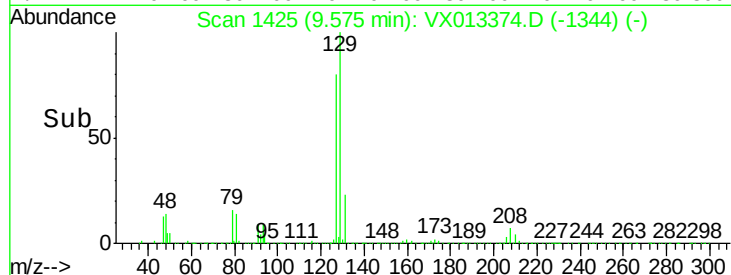
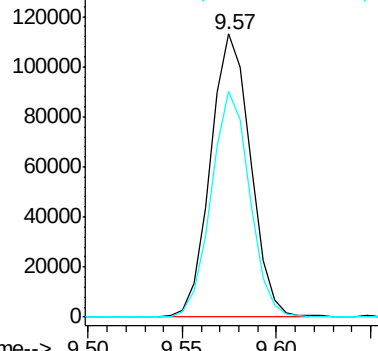
129 100

127 76.9 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.844 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013374.D

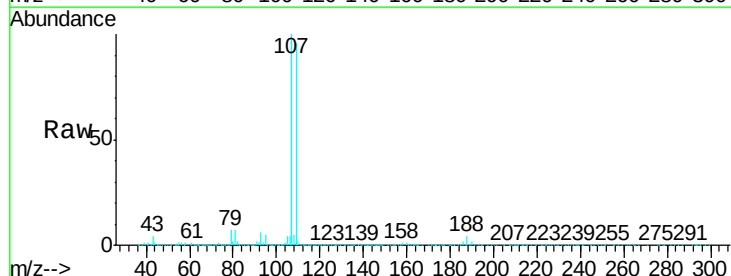
Acq: 12 Nov 2019 09:58

Tgt Ion:107 Resp: 168922

Ion Ratio Lower Upper

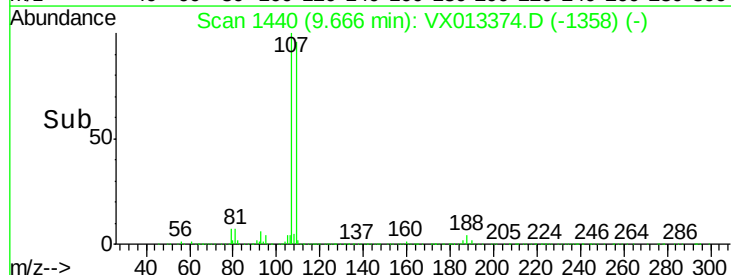
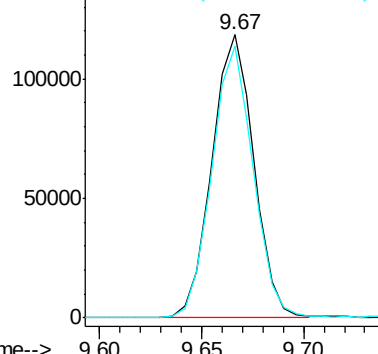
107 100

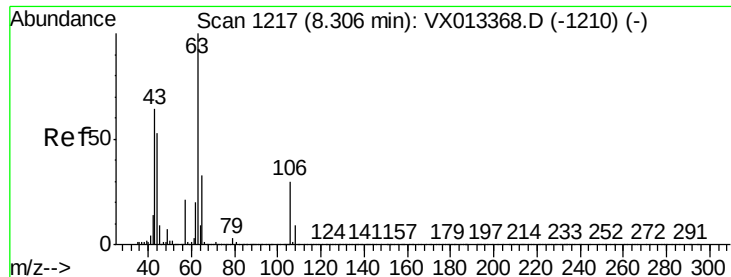
109 94.6 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

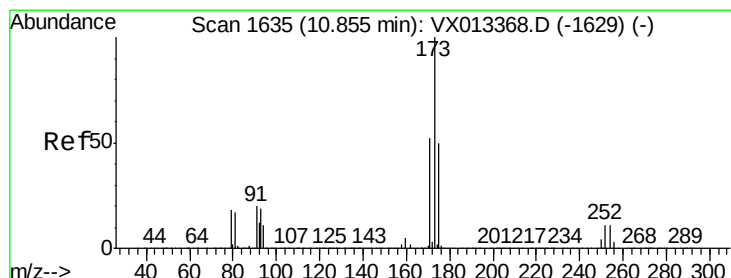
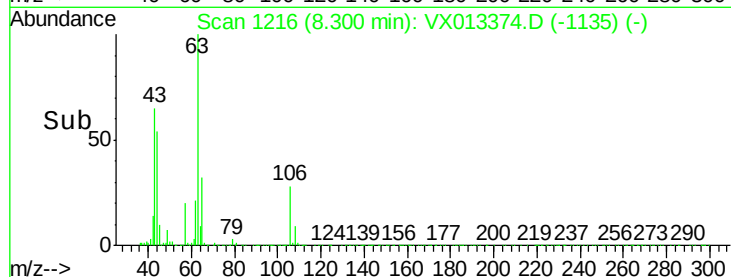
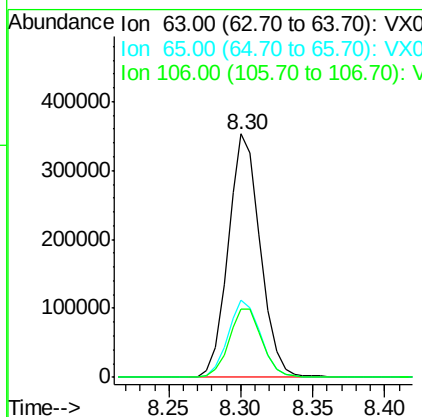
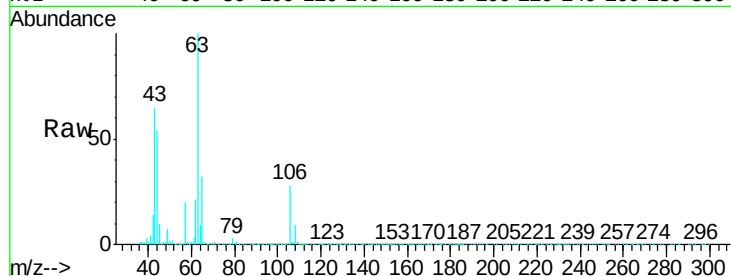




#55
 2-Chloroethyl vinyl ether
 Concen: 92.771 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

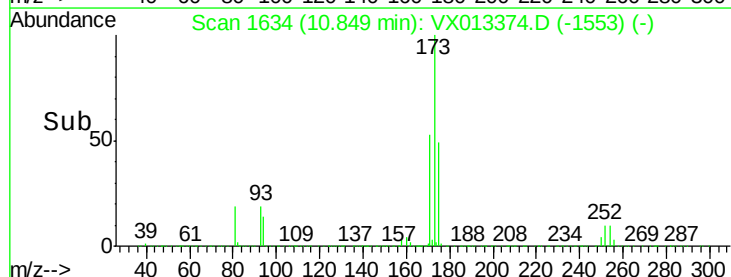
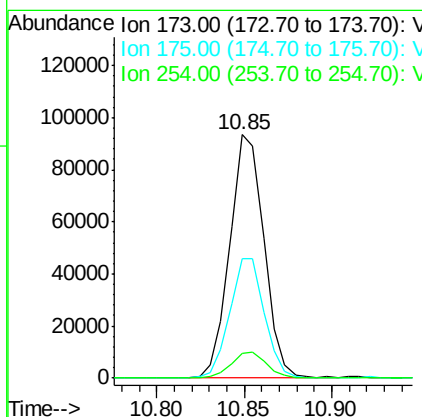
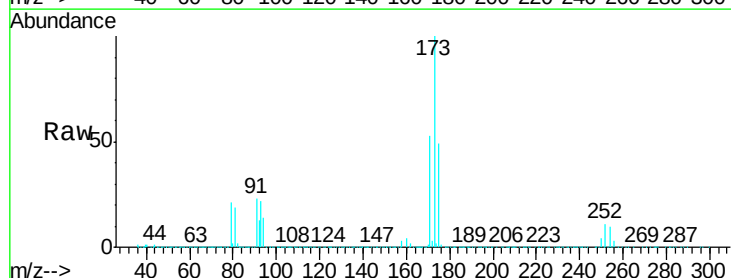
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

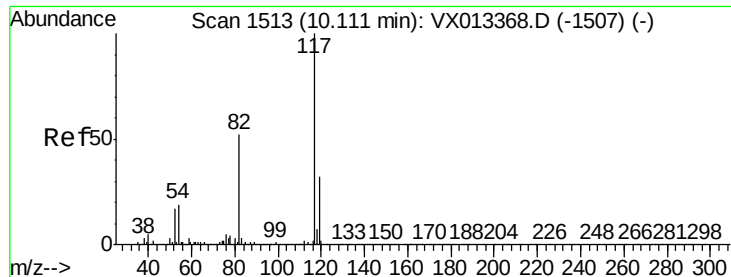
Tgt Ion:	63	Resp:	547150
Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	29.2	23.5	35.3



#56
 Bromoform
 Concen: 18.039 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion:	173	Resp:	127552
Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.4	59.0
254	11.1	8.6	12.8

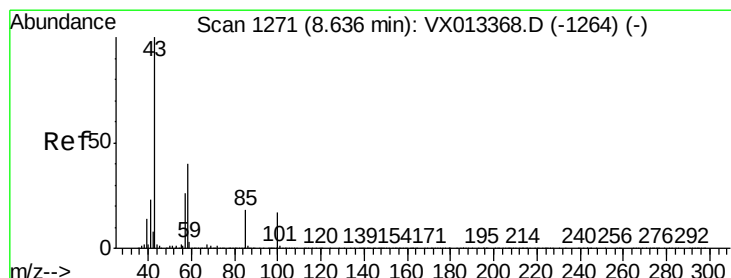
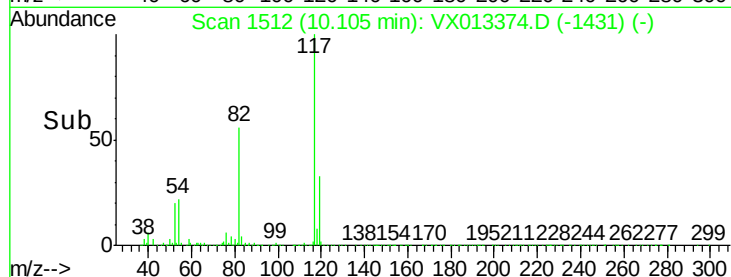
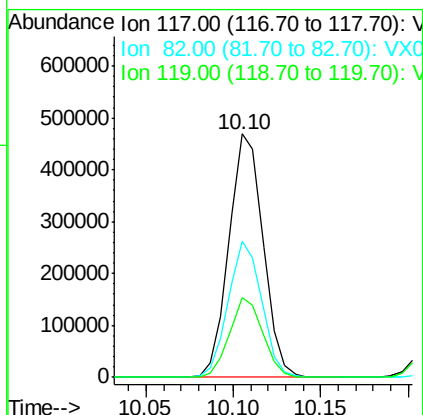
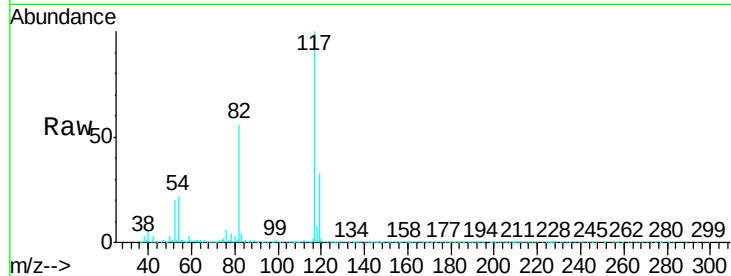




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

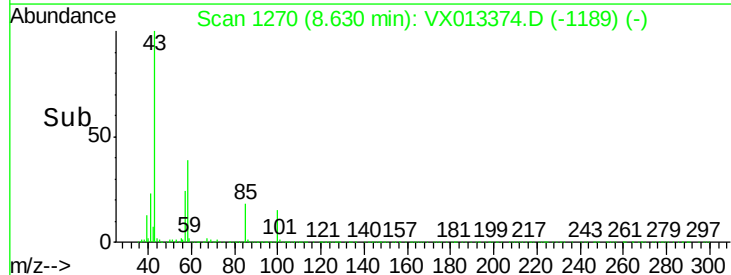
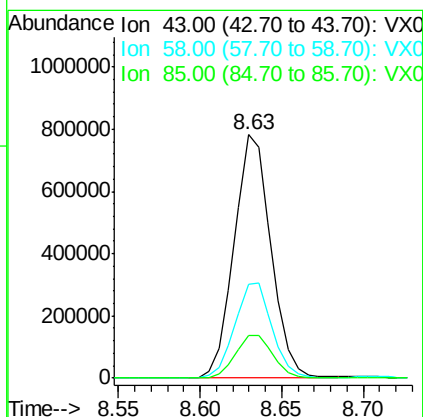
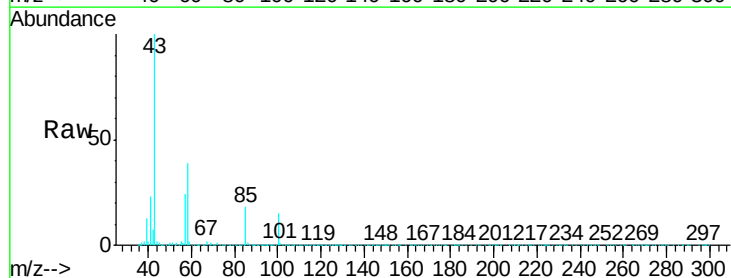
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

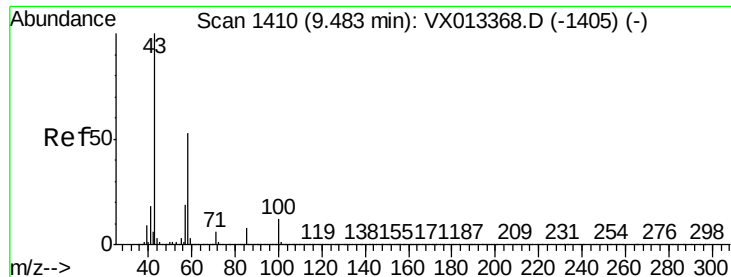
Tgt Ion:117 Resp: 637083
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 32.0 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 92.338 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 43 Resp: 1228910
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4
85 18.3 14.2 21.2

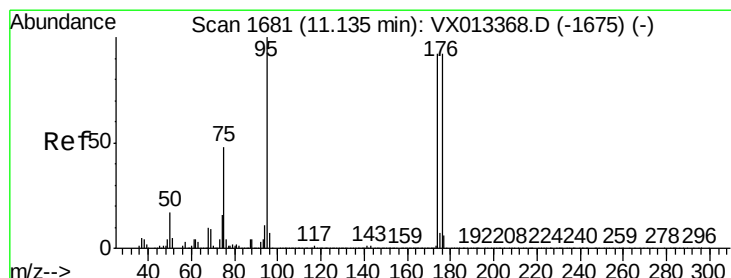
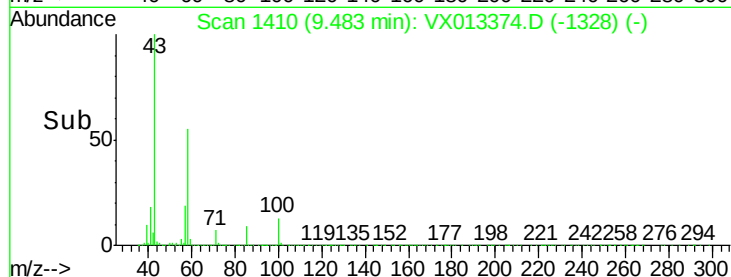
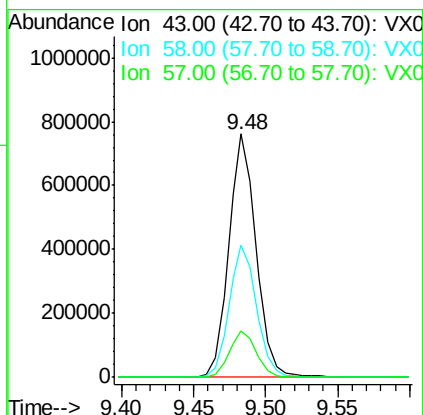
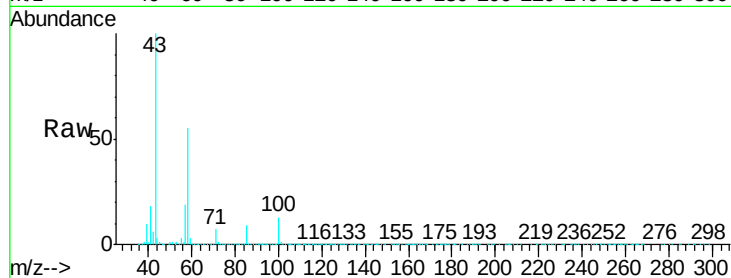




#59
2-Hexanone
Concen: 95.739 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

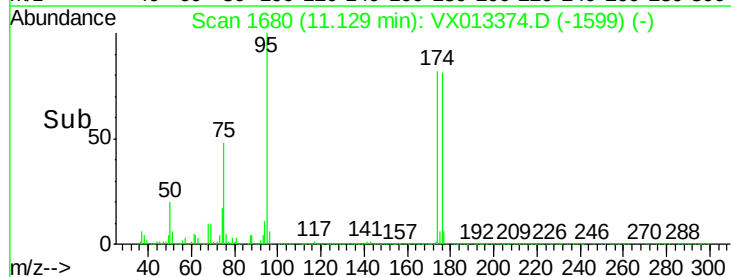
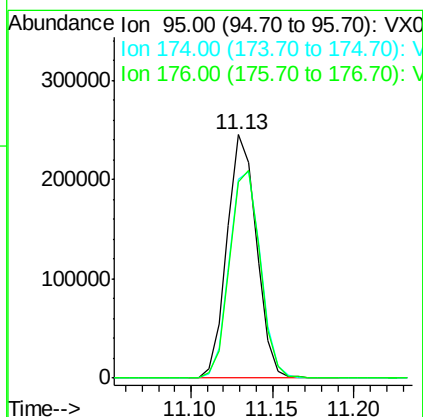
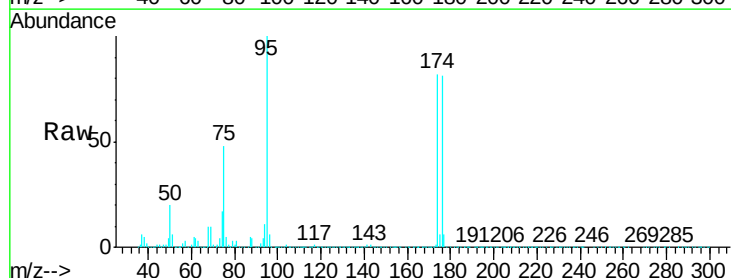
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

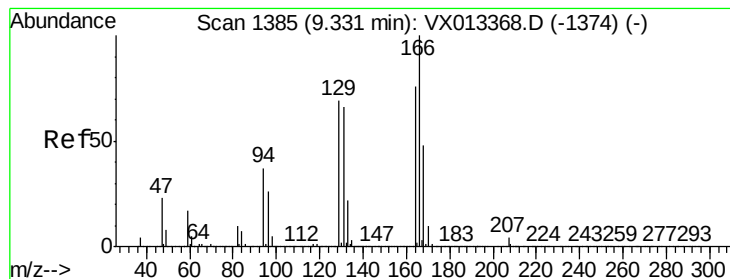
Tgt Ion: 43 Resp: 1008165
Ion Ratio Lower Upper
43 100
58 55.1 43.8 65.6
57 18.6 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.247 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 95 Resp: 309715
Ion Ratio Lower Upper
95 100
174 89.6 70.2 105.2
176 87.6 68.3 102.5





#61

Tetrachloroethene

Concen: 19.183 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 150703

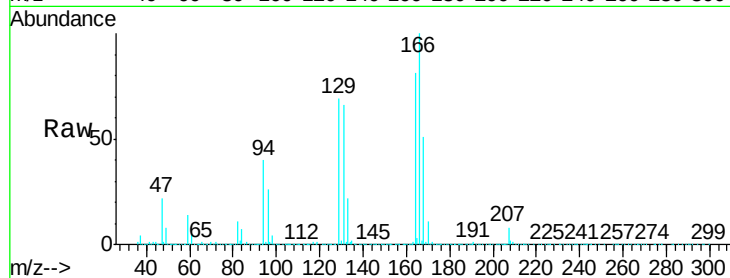
Ion Ratio Lower Upper

164 100

166 123.6 104.9 157.3

129 85.7 72.3 108.5

131 81.6 69.0 103.6

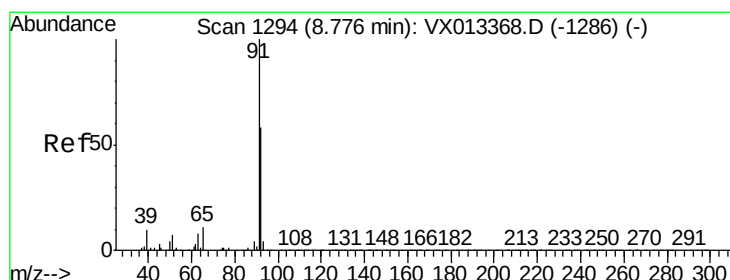
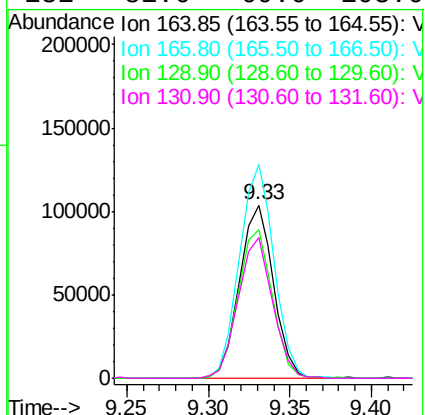
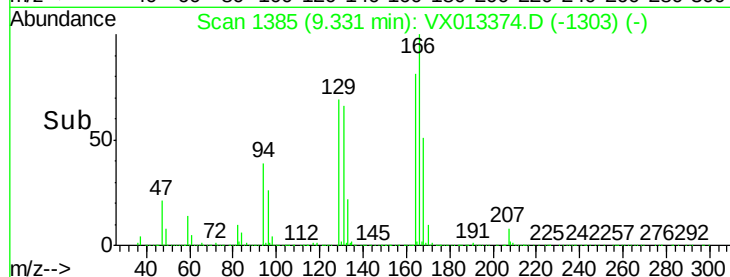


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.033 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013374.D

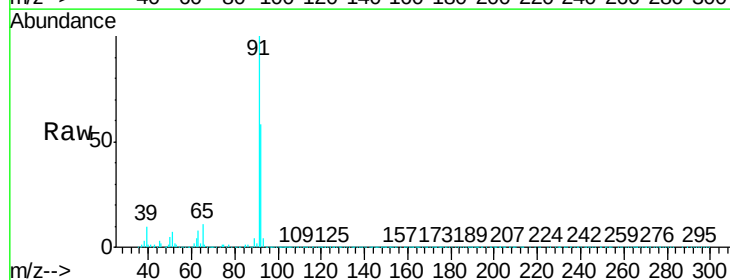
Acq: 12 Nov 2019 09:58

Tgt Ion: 91 Resp: 675430

Ion Ratio Lower Upper

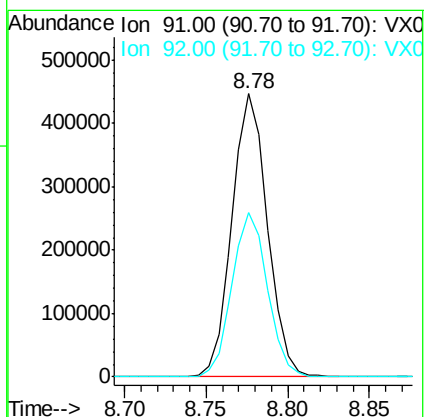
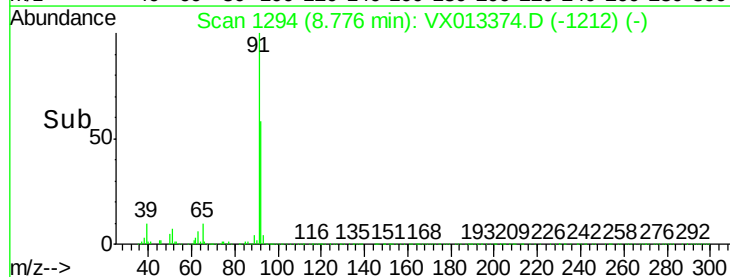
91 100

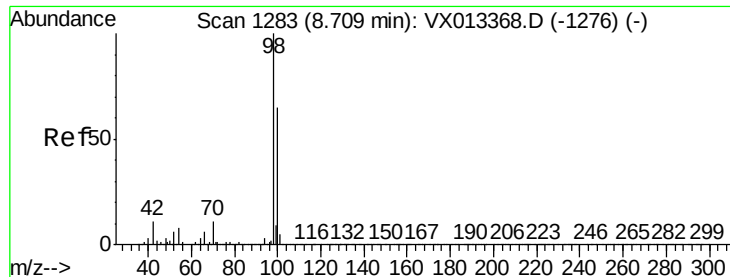
92 58.2 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

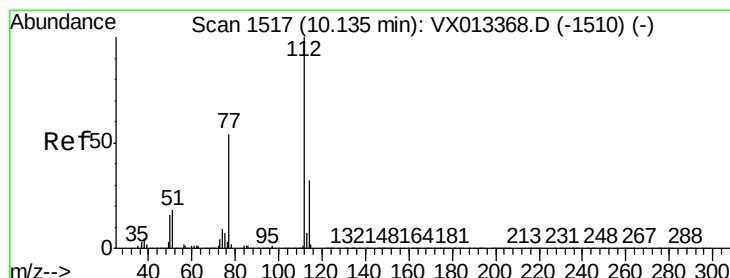
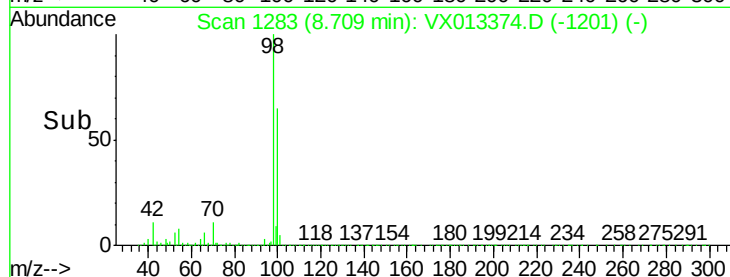
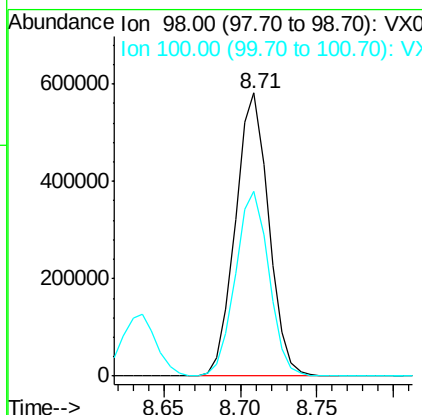
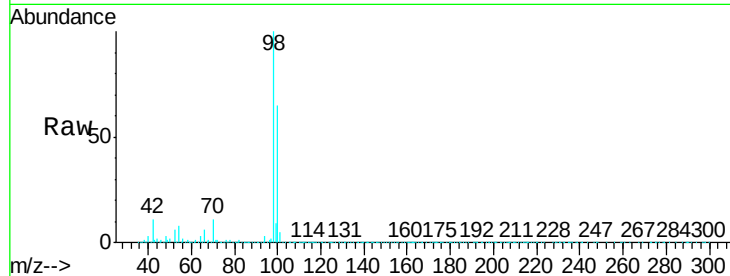




#63
Toluene-d8
Concen: 30.516 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

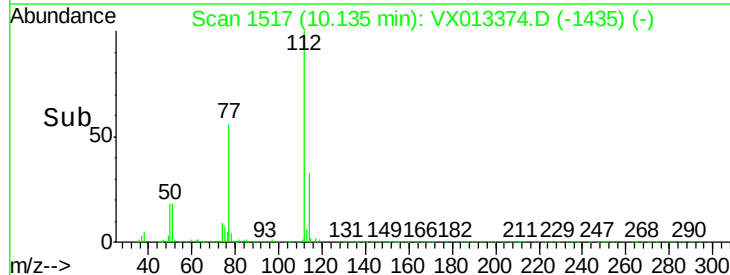
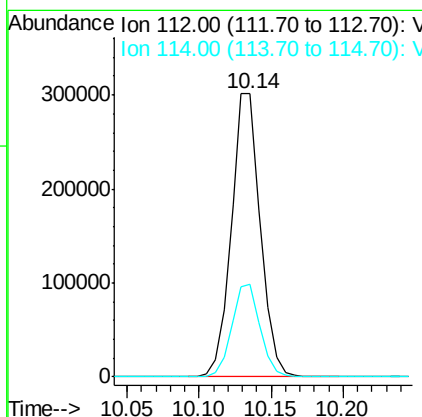
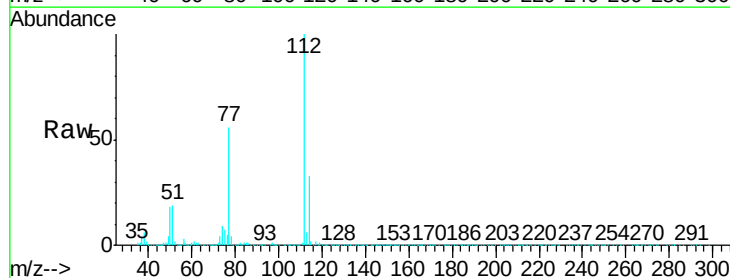
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

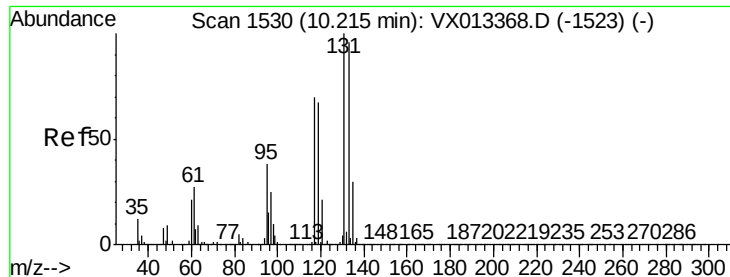
Tgt Ion: 98 Resp: 879136
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#64
Chlorobenzene
Concen: 19.131 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 112 Resp: 424494
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.595 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

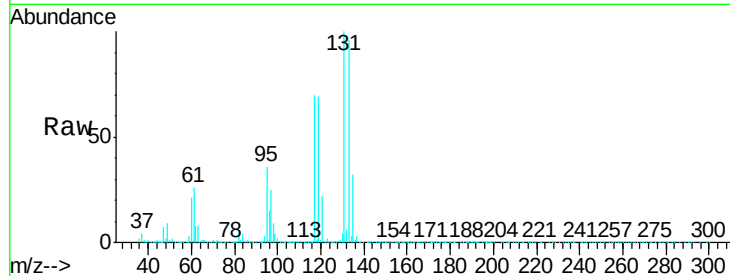
Tgt Ion: 131 Resp: 154446

Ion Ratio Lower Upper

131 100

133 96.5 0.0 192.2

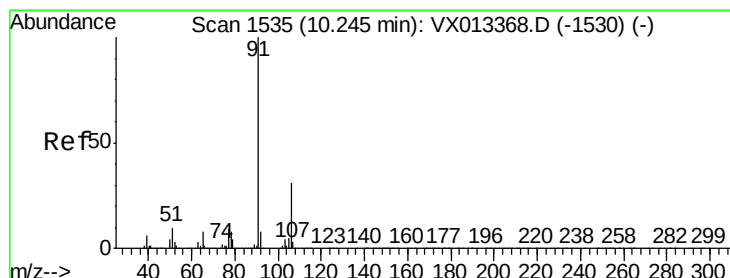
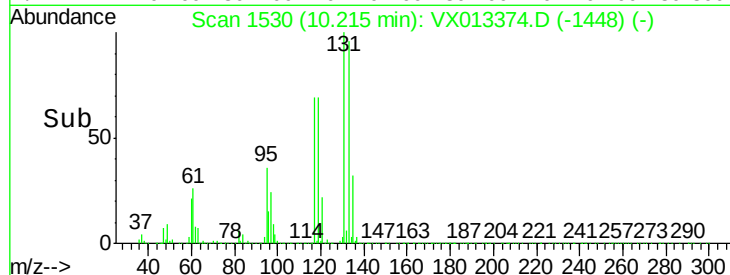
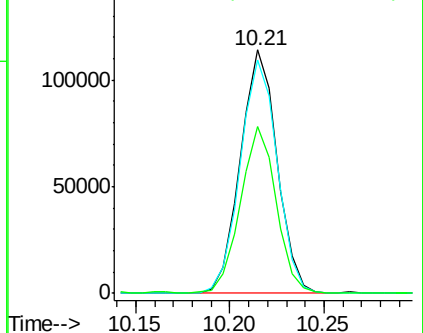
119 66.2 0.0 134.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.911 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013374.D

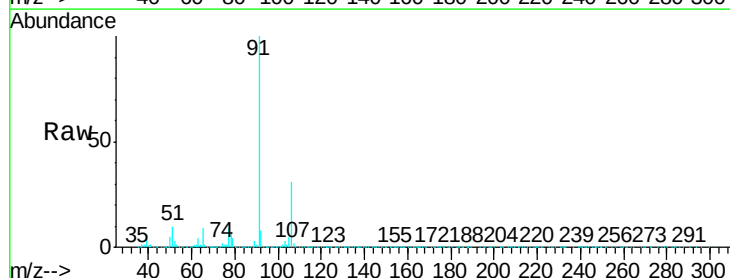
Acq: 12 Nov 2019 09:58

Tgt Ion: 91 Resp: 737266

Ion Ratio Lower Upper

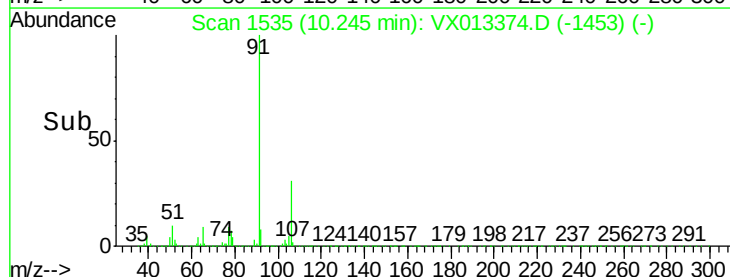
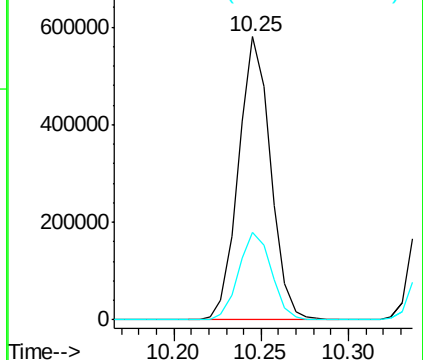
91 100

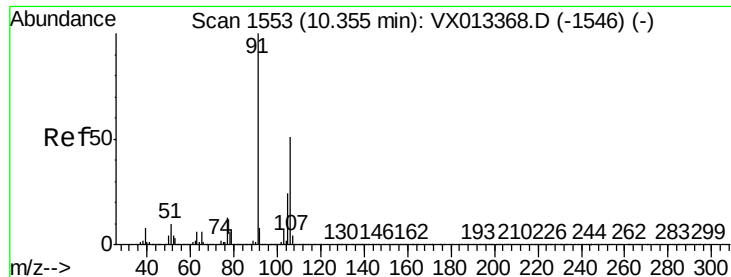
106 30.7 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

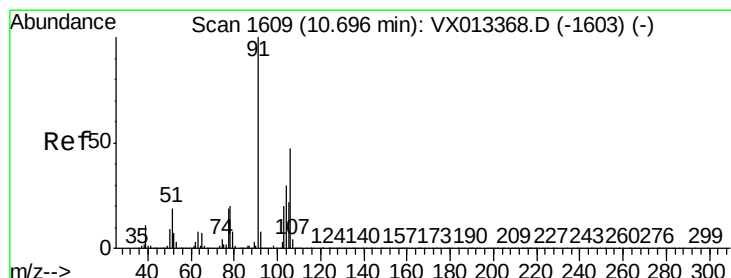
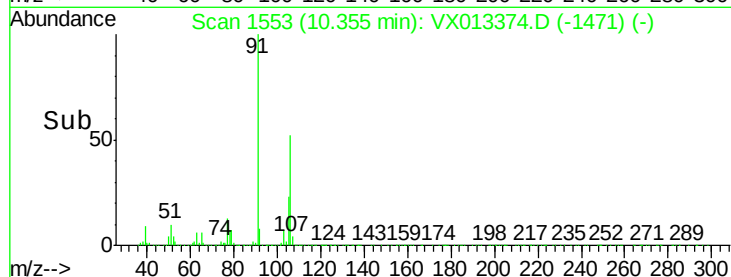
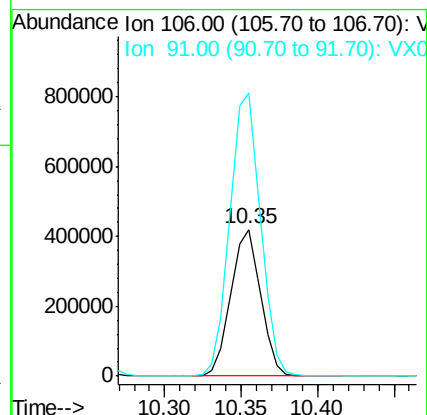
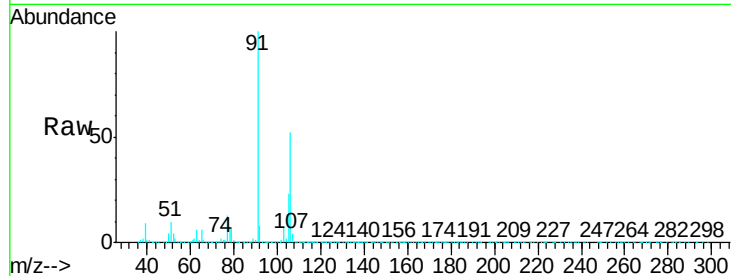




#67
m/p-Xylenes
Concen: 37.854 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

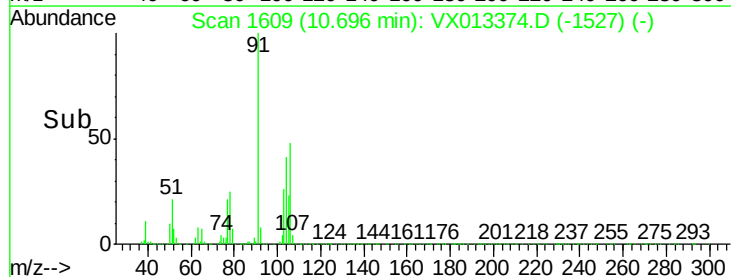
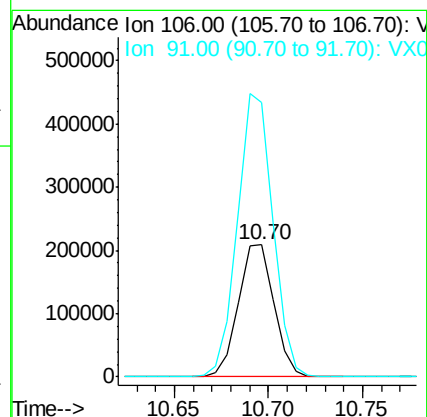
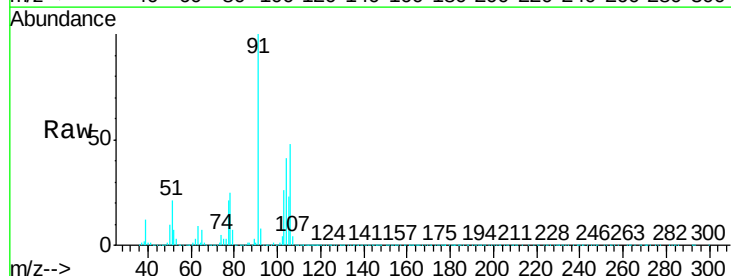
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

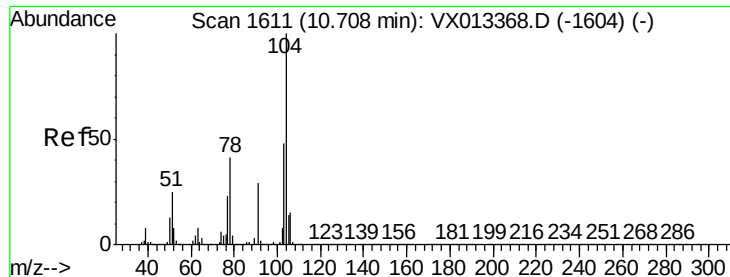
Tgt Ion:106 Resp: 569269
Ion Ratio Lower Upper
106 100
91 197.8 158.4 237.6



#68
o-Xylene
Concen: 18.991 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion:106 Resp: 275627
Ion Ratio Lower Upper
106 100
91 211.8 106.4 319.2

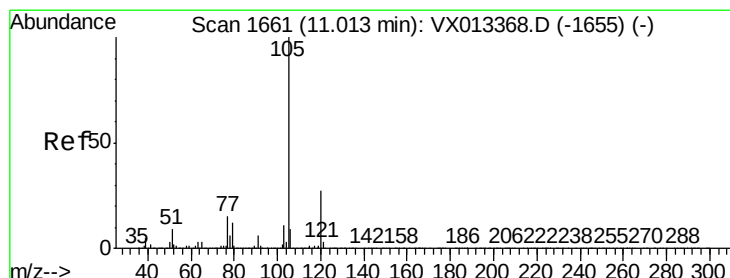
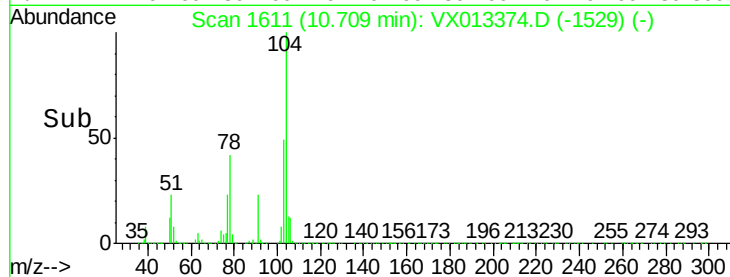
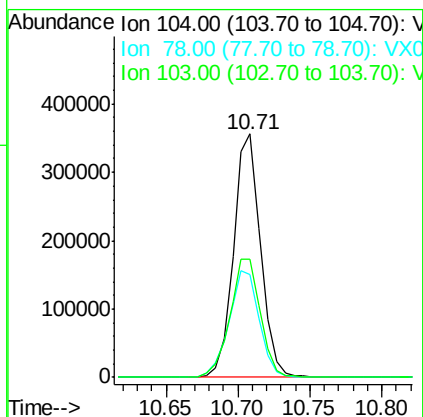
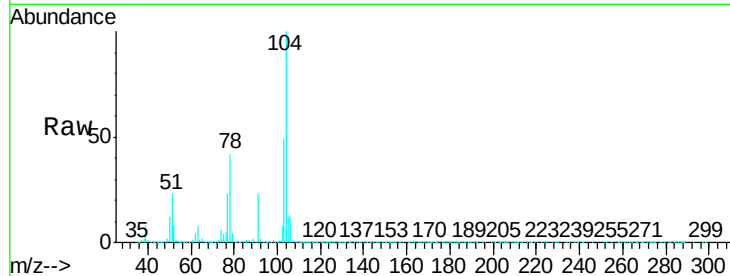




#69
Styrene
Concen: 18.823 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

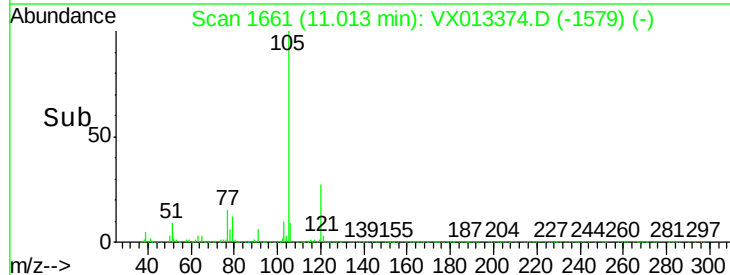
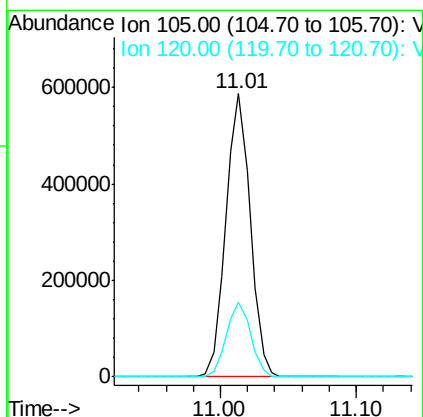
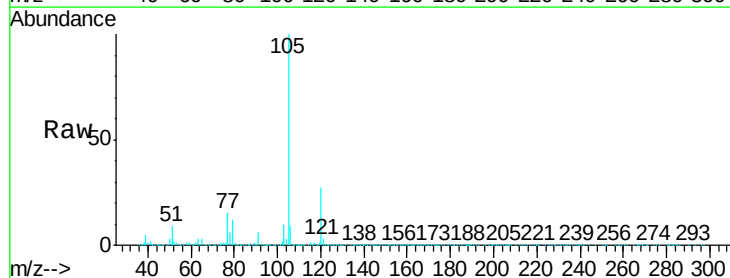
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

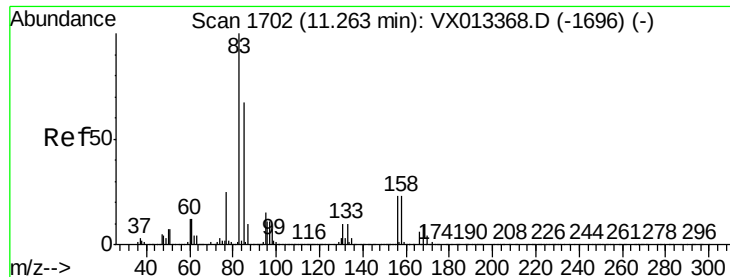
Tgt Ion:104 Resp: 466488
Ion Ratio Lower Upper
104 100
78 49.2 38.2 57.4
103 54.9 43.2 64.8



#70
Isopropylbenzene
Concen: 19.034 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion:105 Resp: 727910
Ion Ratio Lower Upper
105 100
120 26.5 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.661 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

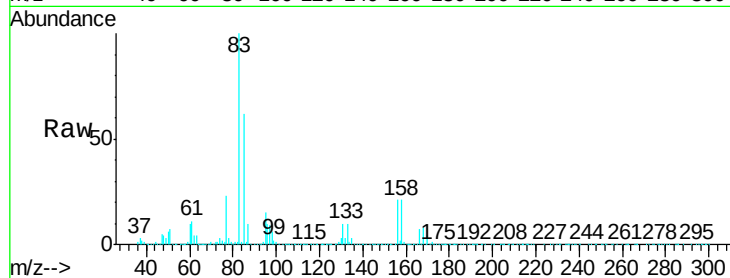
Tgt Ion: 83 Resp: 255527

Ion Ratio Lower Upper

83 100

131 9.9 4.7 14.1

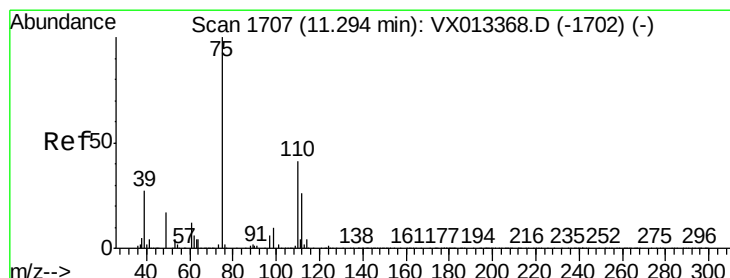
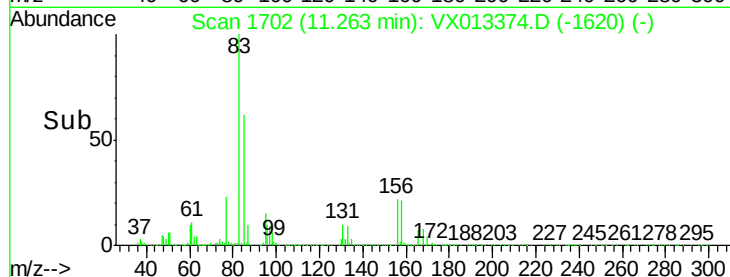
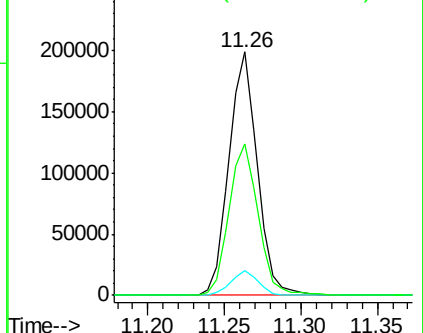
85 63.7 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.872 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013374.D

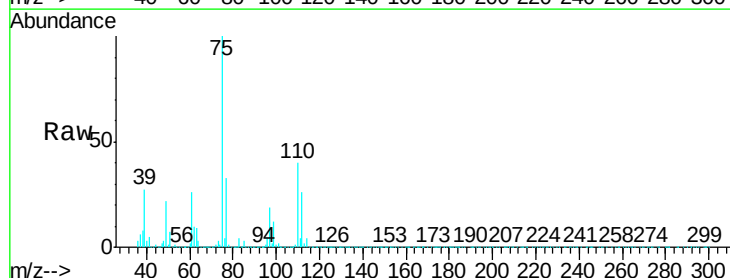
Acq: 12 Nov 2019 09:58

Tgt Ion: 75 Resp: 287563

Ion Ratio Lower Upper

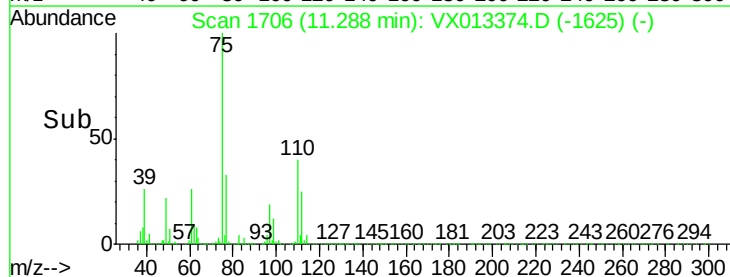
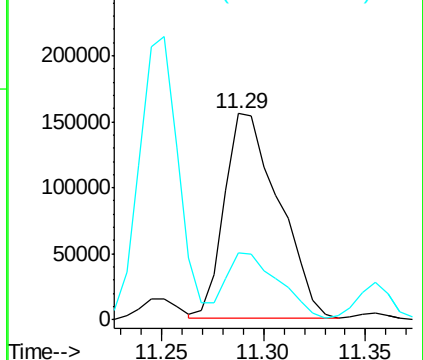
75 100

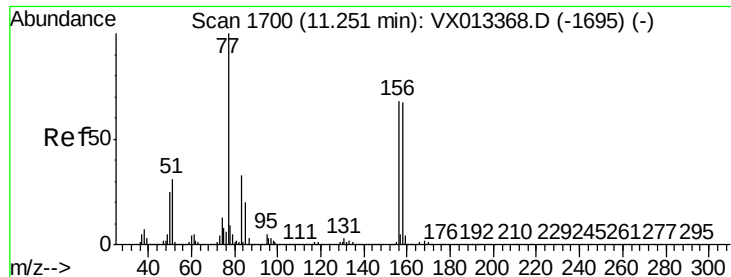
77 29.5 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.989 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

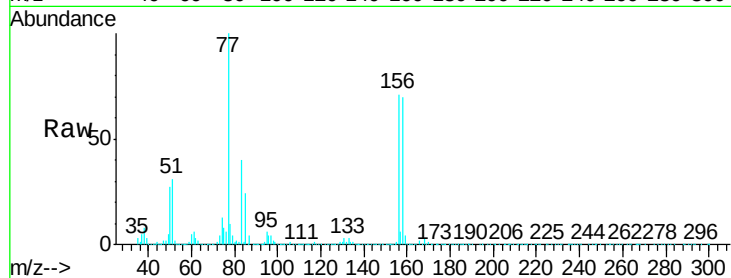
Tgt Ion: 156 Resp: 191511

Ion Ratio Lower Upper

156 100

77 149.5 0.0 308.8

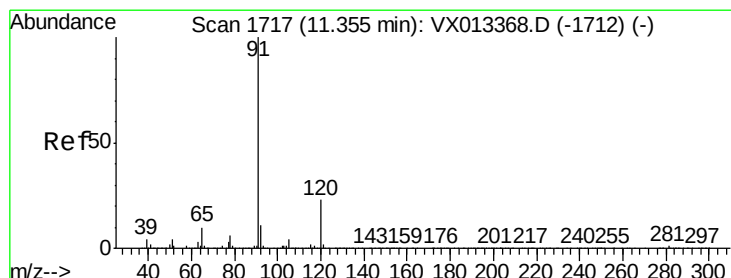
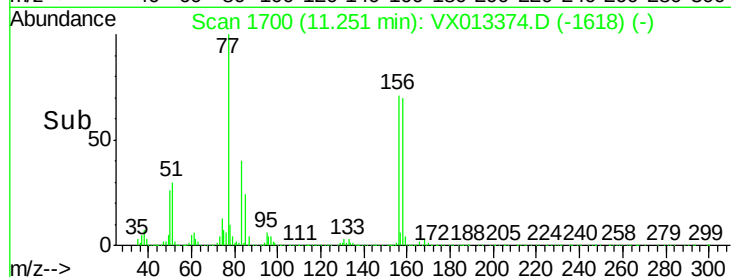
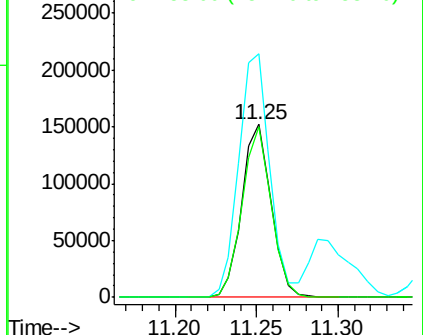
158 98.0 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.024 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013374.D

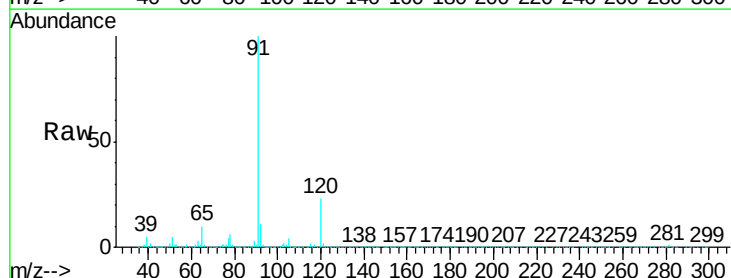
Acq: 12 Nov 2019 09:58

Tgt Ion: 91 Resp: 826790

Ion Ratio Lower Upper

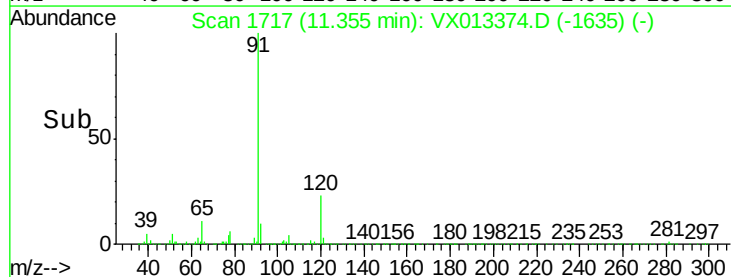
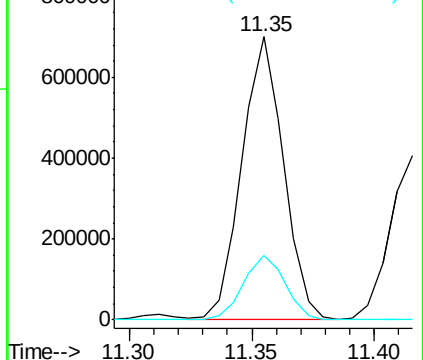
91 100

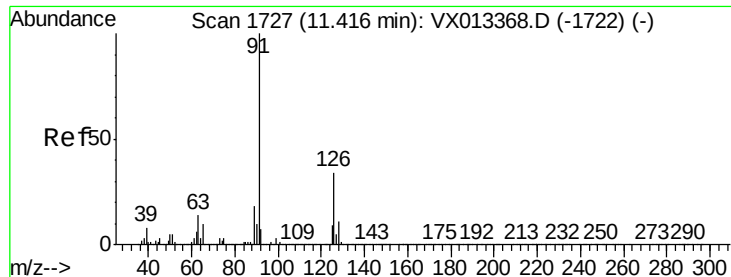
120 22.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.966 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

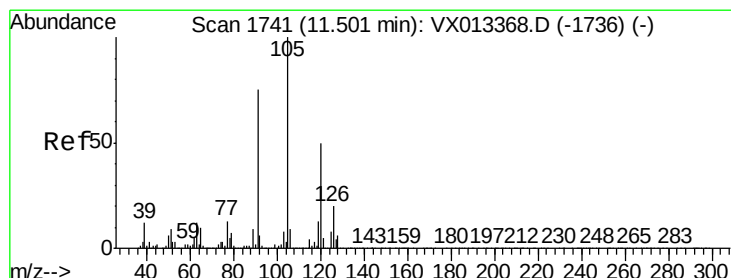
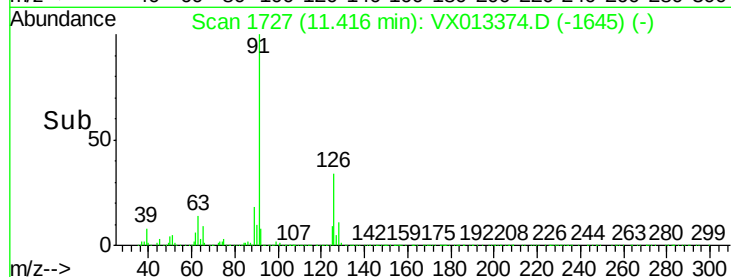
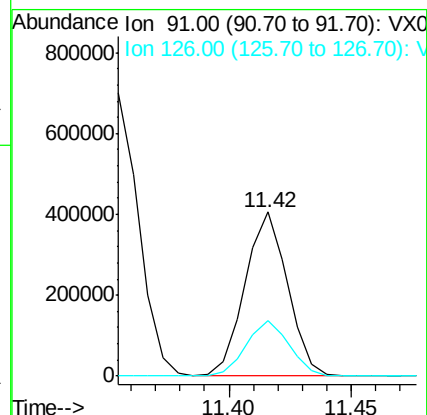
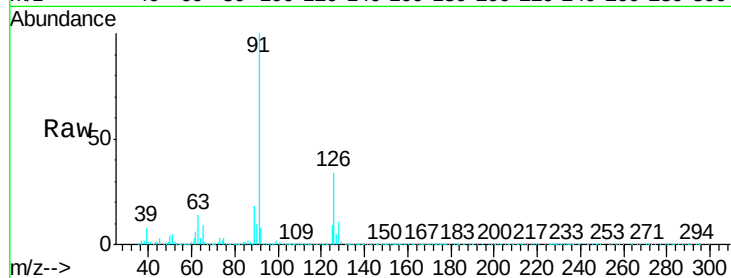
VSTDCCC020

Tgt Ion: 91 Resp: 490156

Ion Ratio Lower Upper

91 100

126 34.4 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 18.930 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013374.D

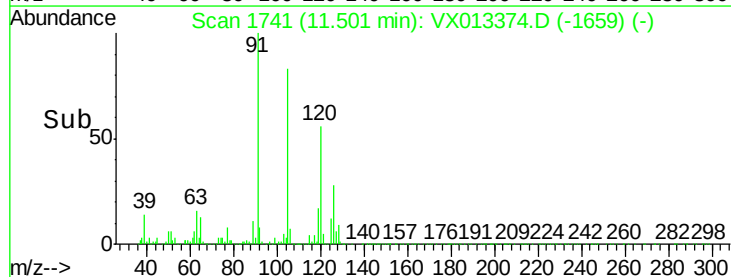
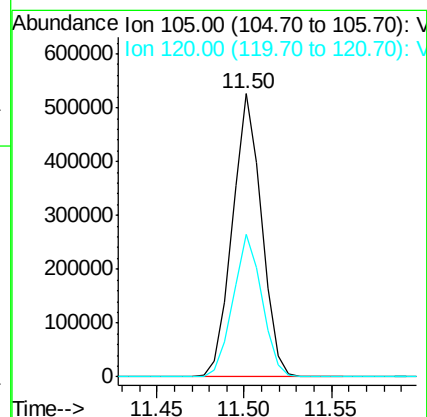
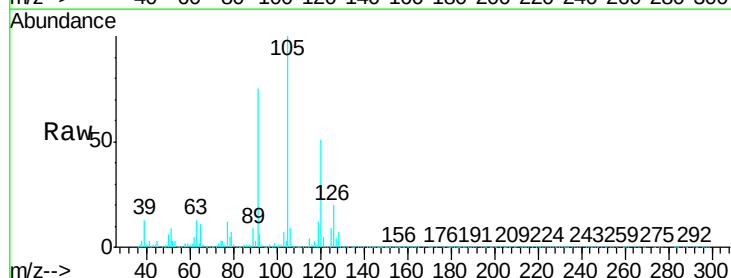
Acq: 12 Nov 2019 09:58

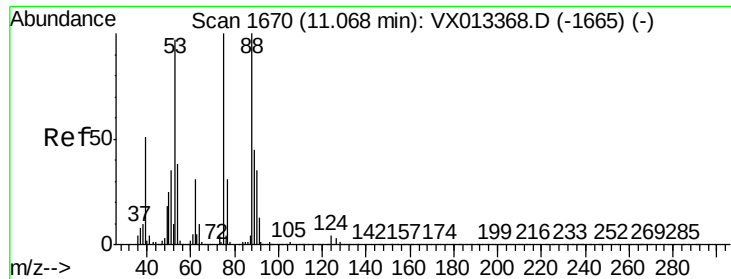
Tgt Ion: 105 Resp: 608517

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.704 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

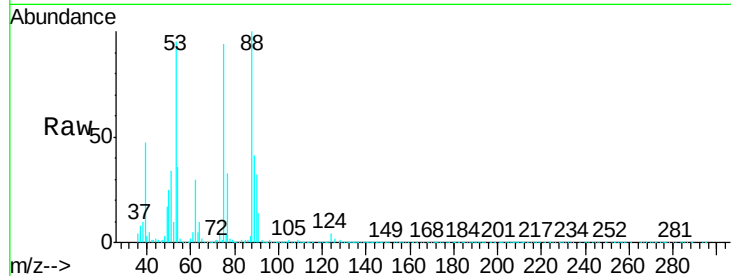
Tgt Ion: 75 Resp: 82764

Ion Ratio Lower Upper

75 100

53 100.8 48.8 146.3

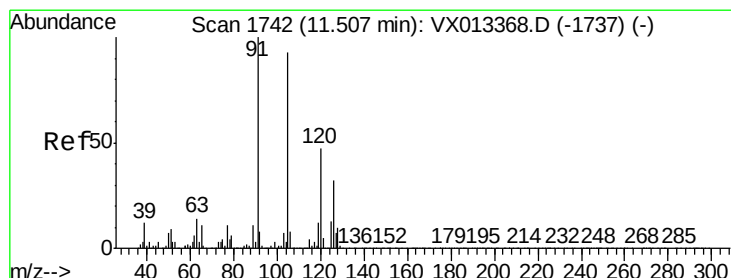
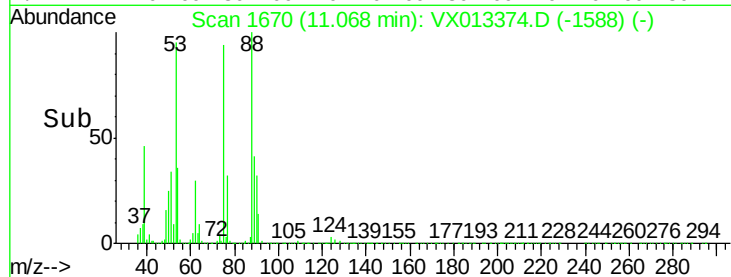
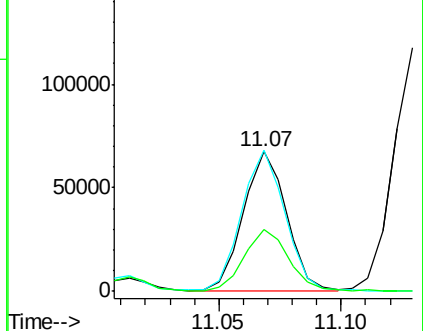
89 44.1 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.606 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013374.D

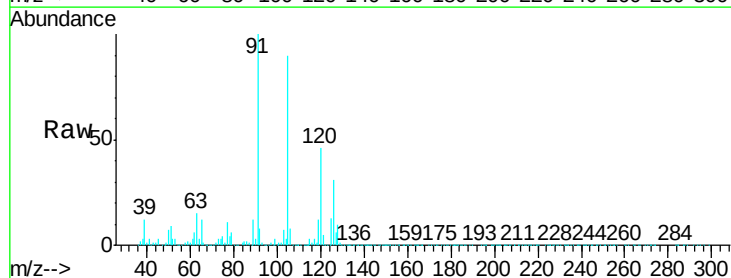
Acq: 12 Nov 2019 09:58

Tgt Ion: 91 Resp: 550923

Ion Ratio Lower Upper

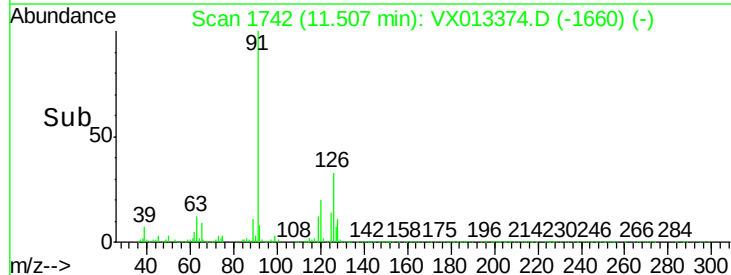
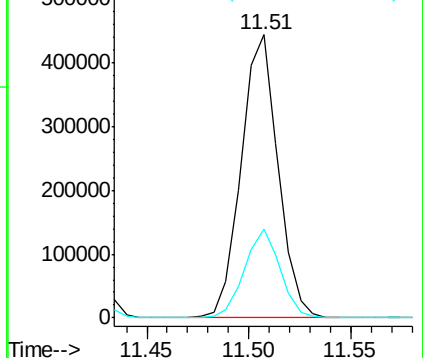
91 100

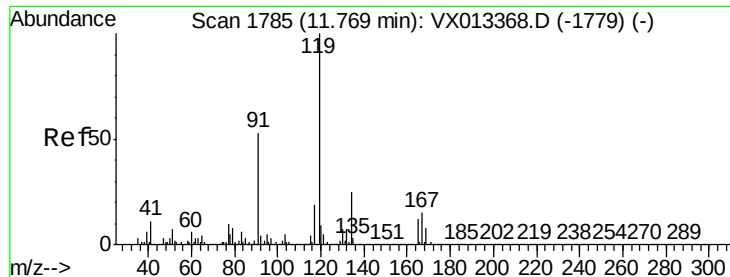
126 30.5 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

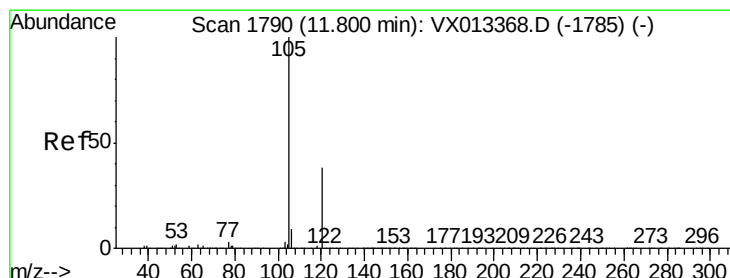
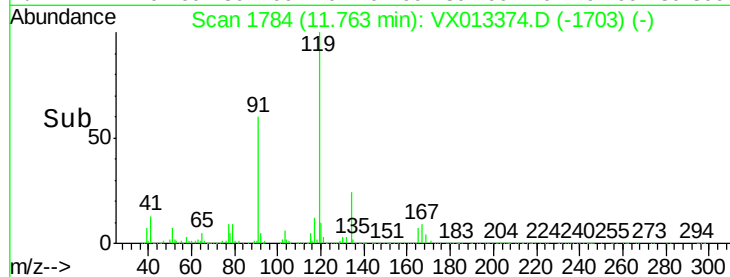
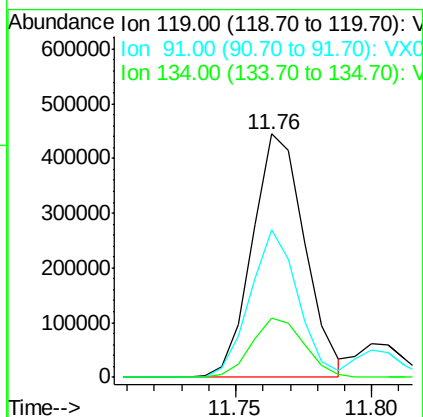
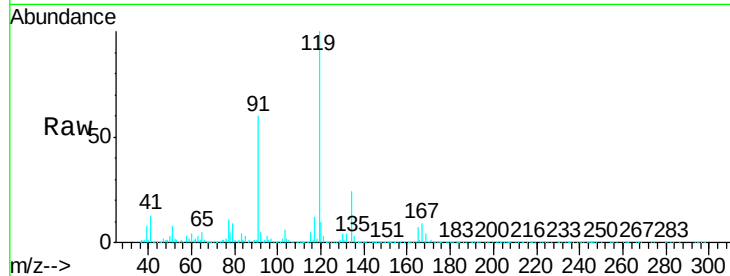




#79
tert-butylbenzene
Concen: 18.393 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

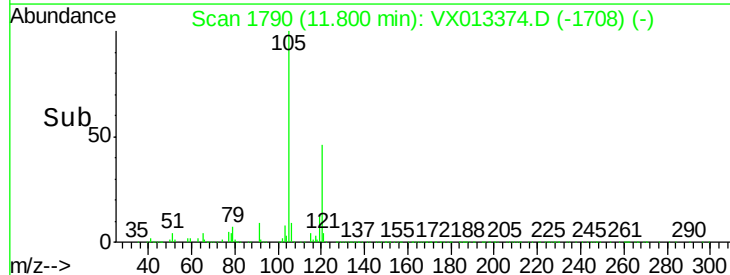
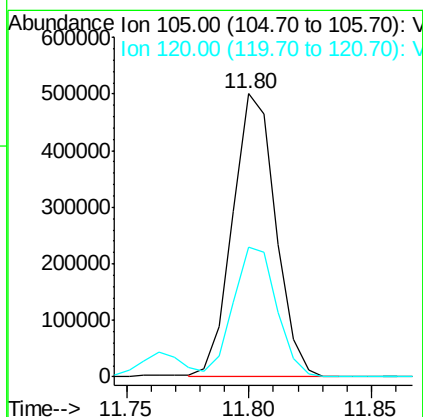
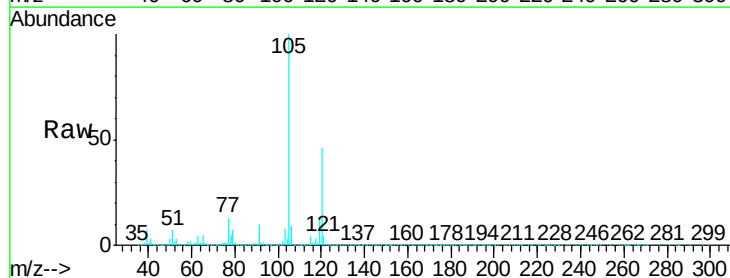
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

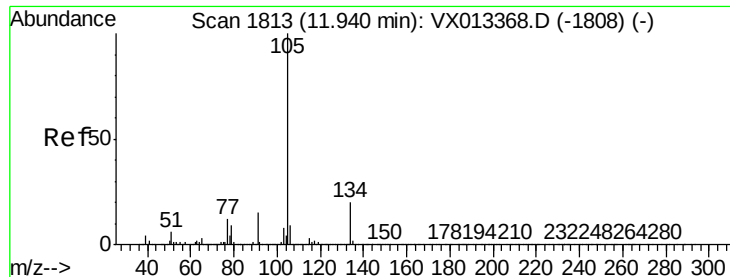
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.2	0.0	109.6
134	24.0	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 19.021 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	94.0

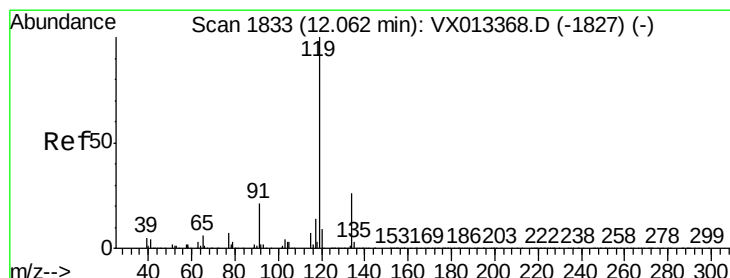
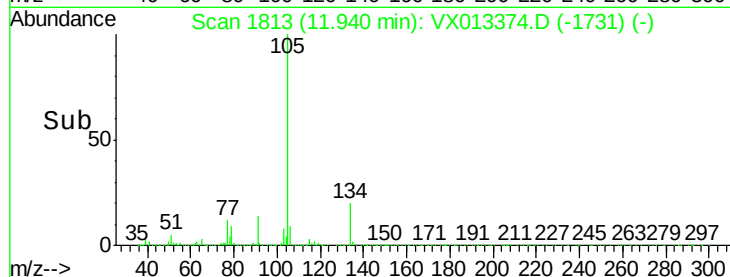
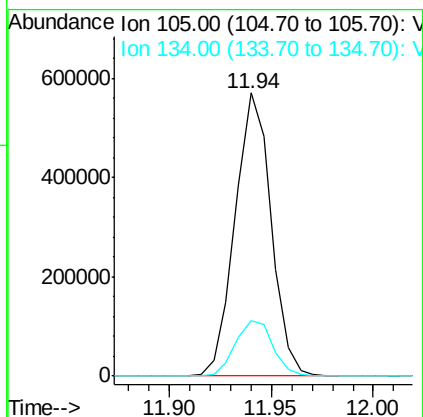
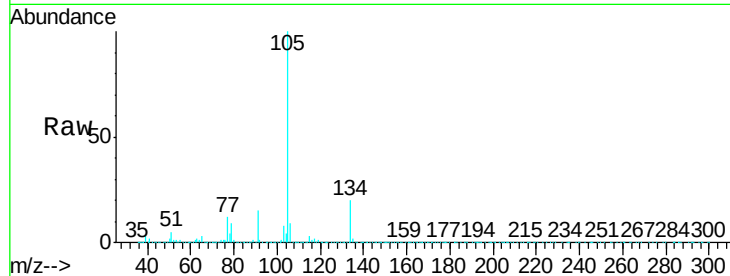




#81
 sec-Butylbenzene
 Concen: 18.882 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

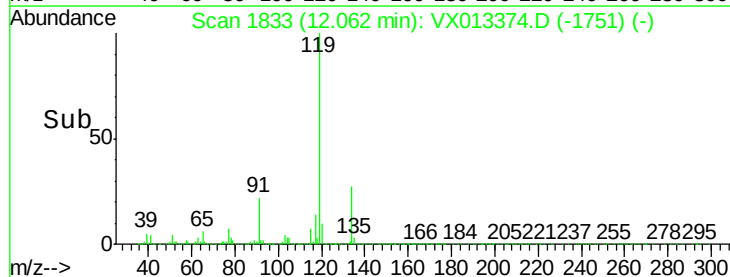
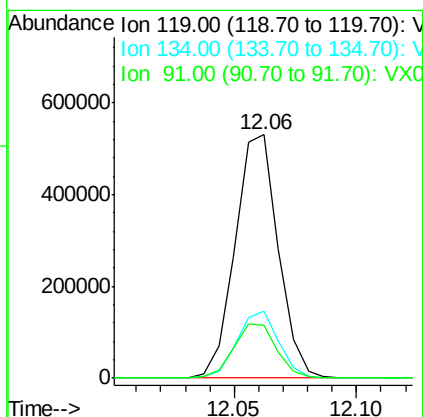
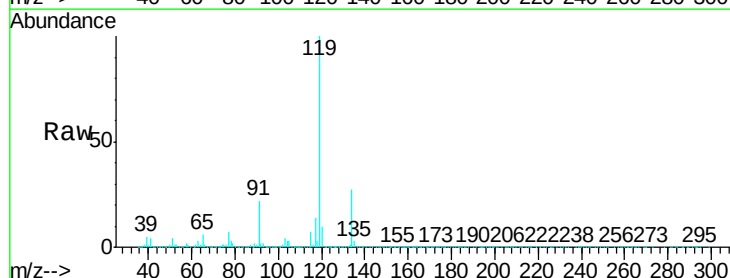
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

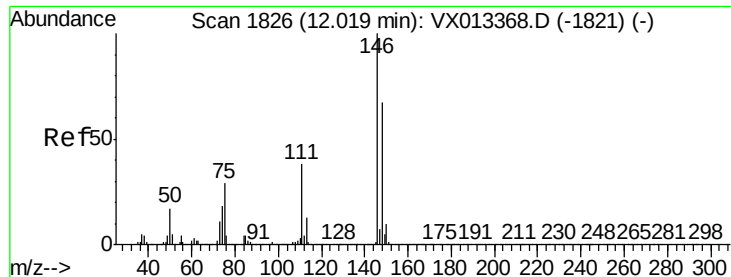
Tgt Ion:105 Resp: 698713
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.994 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion:119 Resp: 647576
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.6
 91 22.1 0.0 44.2

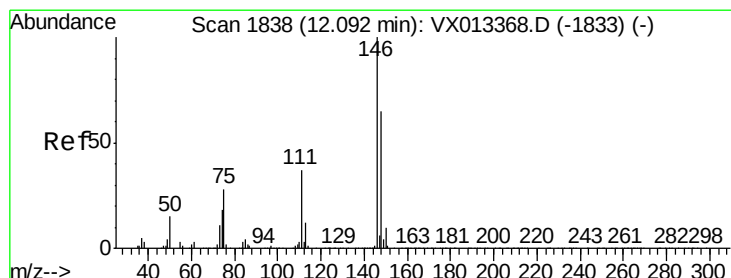
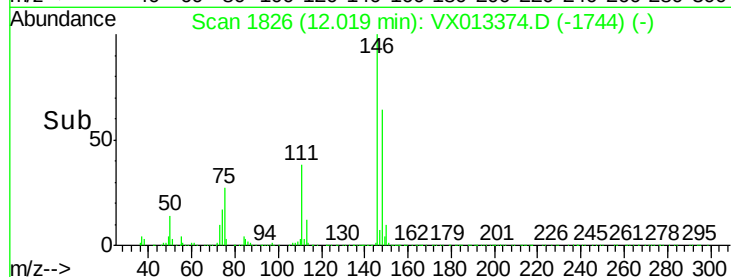
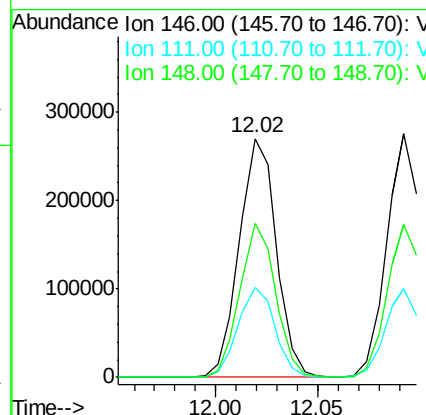
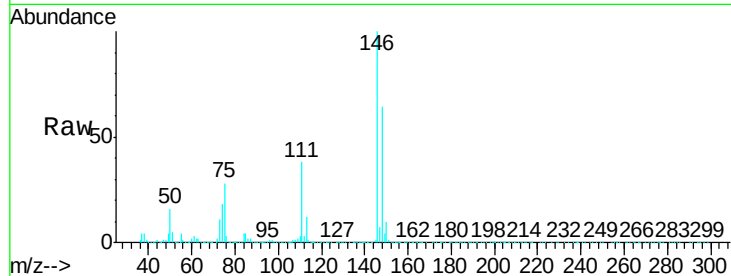




#83
 1,3-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

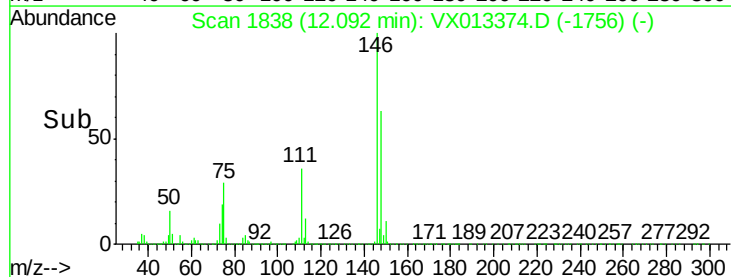
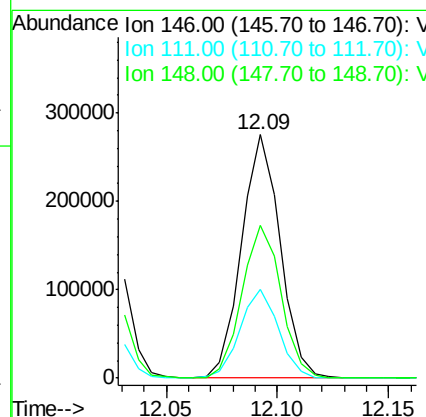
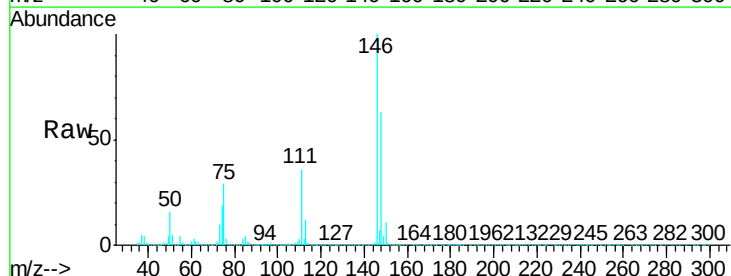
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

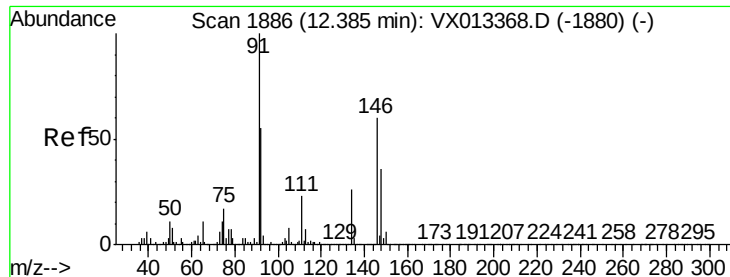
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	62.6	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 18.925 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.6	55.6
148	63.4	32.5	97.4

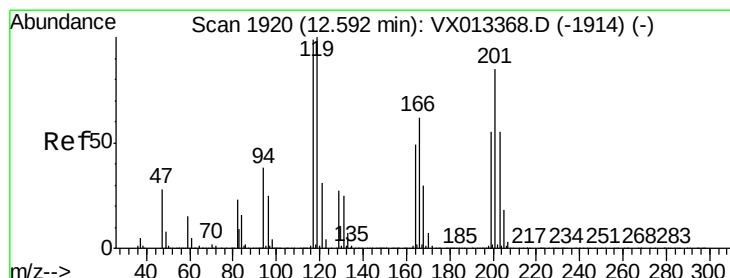
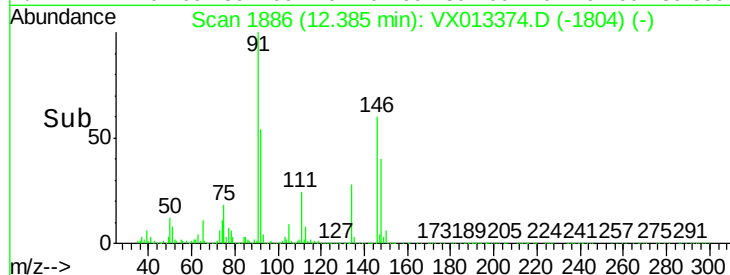
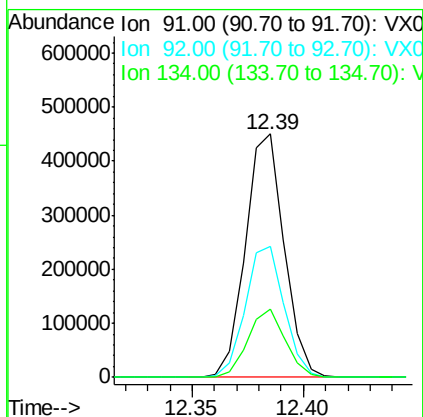
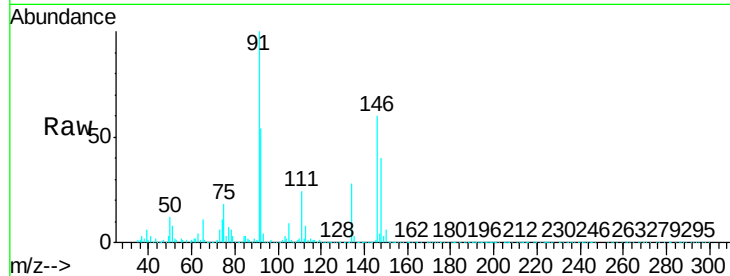




#85
n-Butylbenzene
Concen: 18.557 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

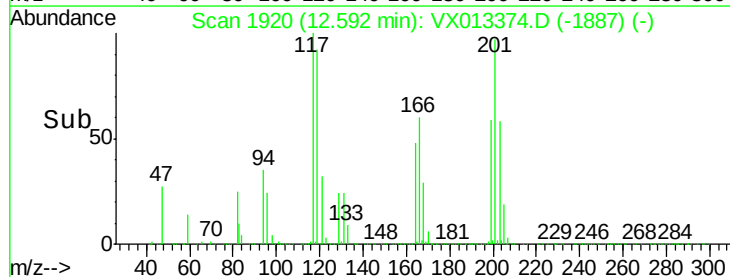
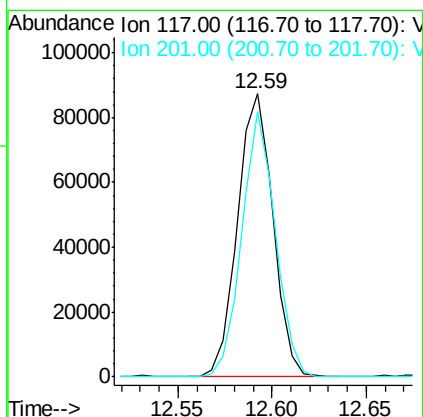
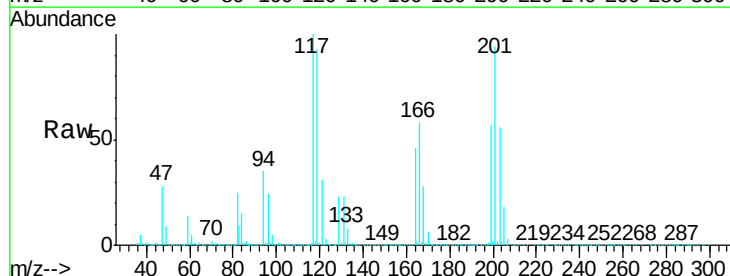
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

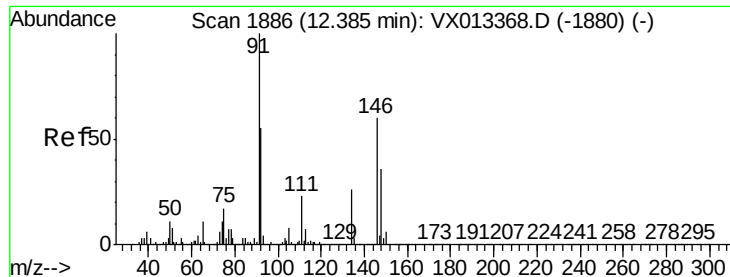
Tgt Ion: 91 Resp: 546033
Ion Ratio Lower Upper
91 100
92 54.0 0.0 109.0
134 27.0 0.0 53.0



#86
Hexachloroethane
Concen: 18.162 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion: 117 Resp: 113629
Ion Ratio Lower Upper
117 100
201 88.6 44.5 133.3

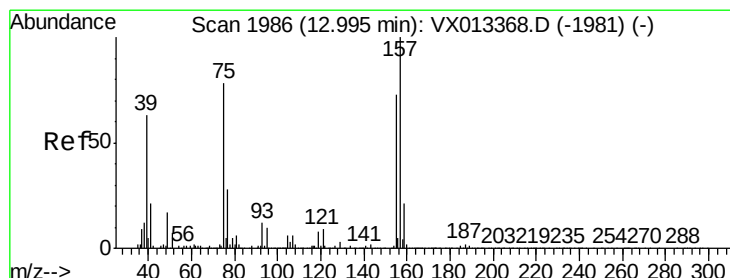
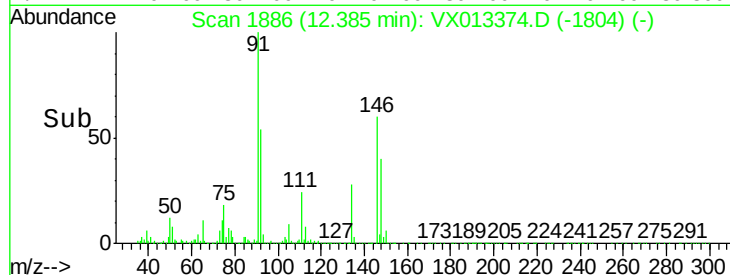
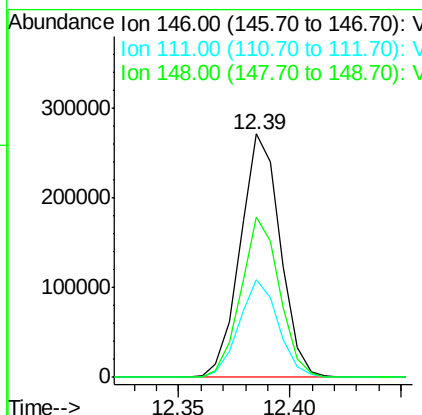
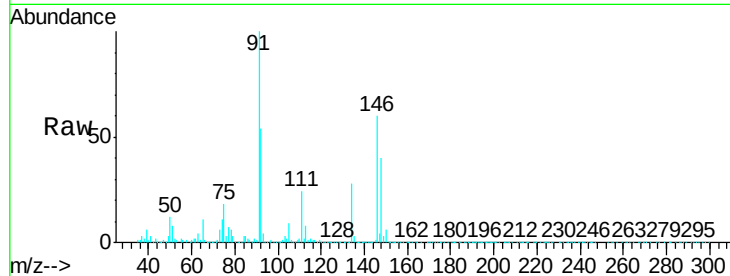




#87
 1,2-Dichlorobenzene
 Concen: 19.108 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

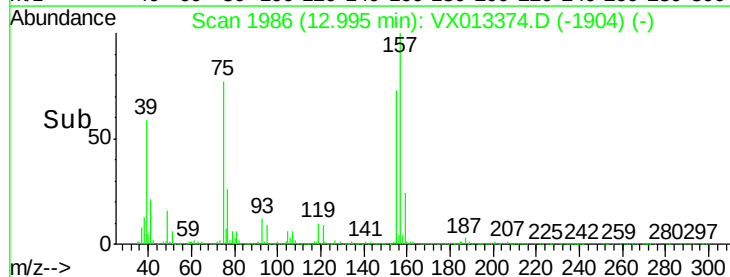
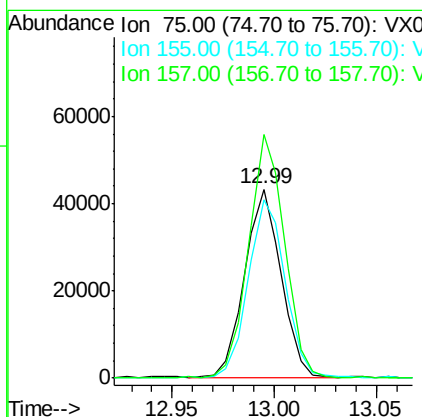
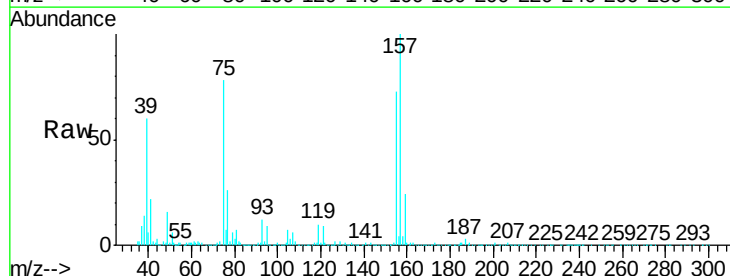
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

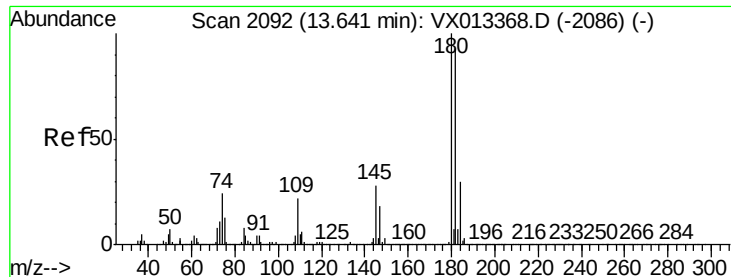
Tgt Ion: 146 Resp: 338788
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 63.7 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.606 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion: 75 Resp: 53912
 Ion Ratio Lower Upper
 75 100
 155 96.0 76.9 115.3
 157 127.6 101.2 151.8





#89

1,2,4-Trichlorobenzene

Concen: 18.629 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

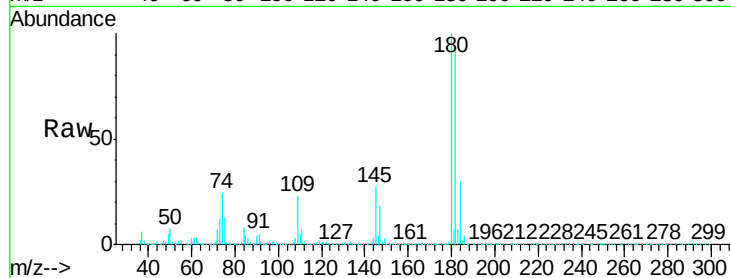
Tgt Ion:180 Resp: 227743

Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

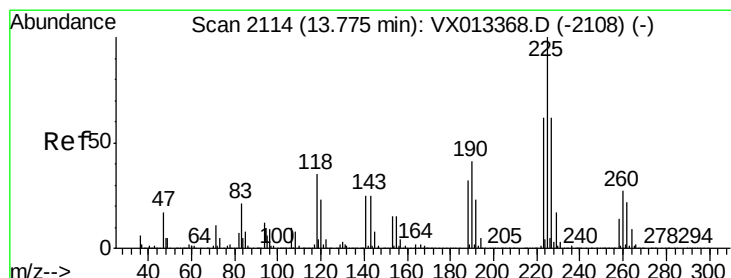
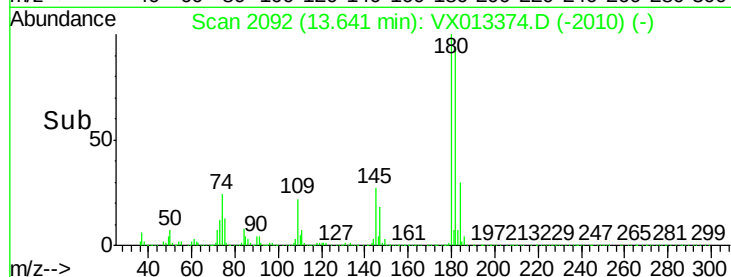
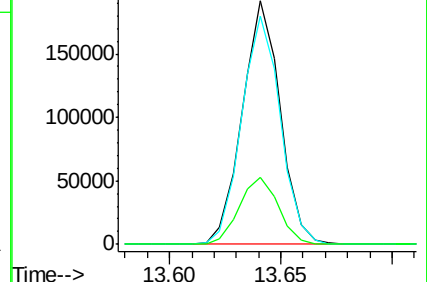
145 28.3 22.1 33.1



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 18.184 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

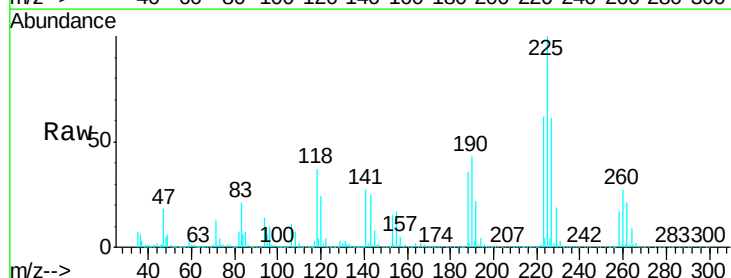
Tgt Ion:225 Resp: 106523

Ion Ratio Lower Upper

225 100

223 63.7 0.0 123.0

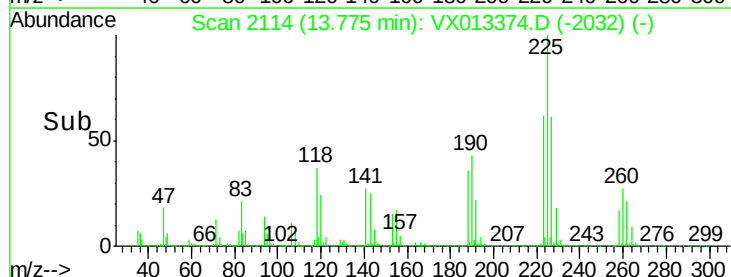
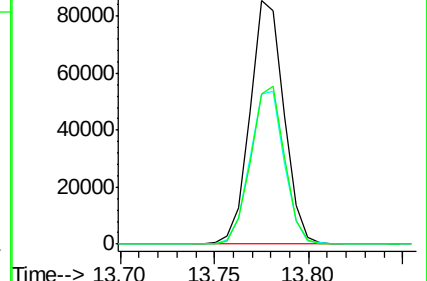
227 64.1 0.0 121.8

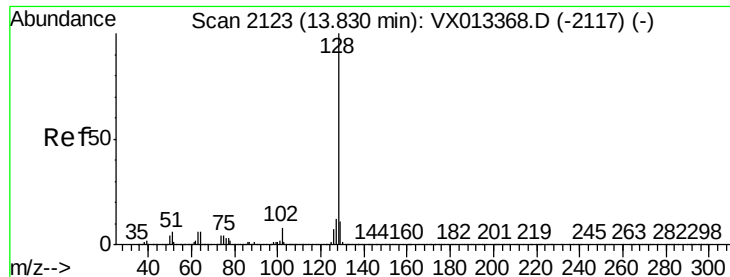


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

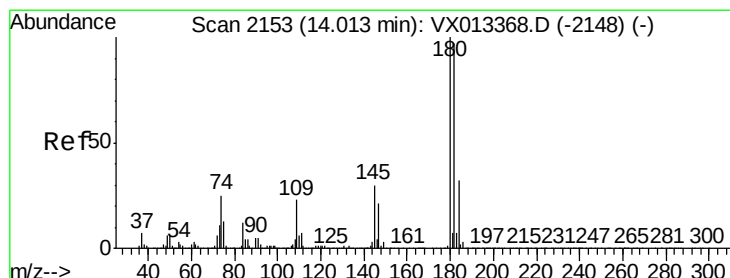
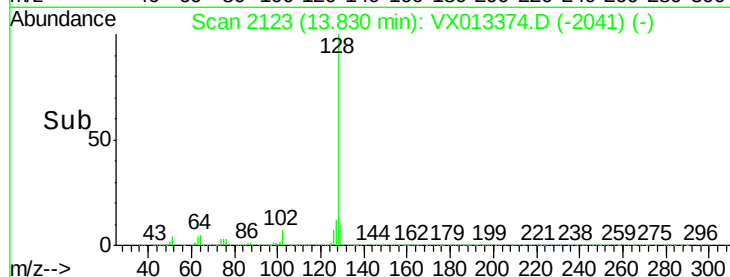
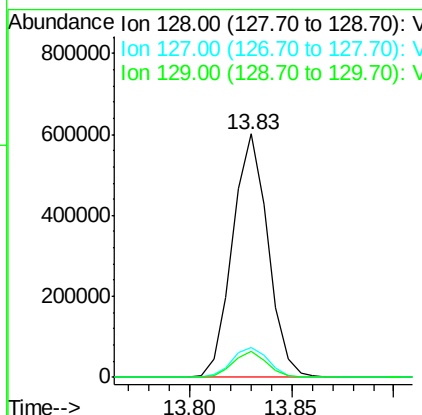
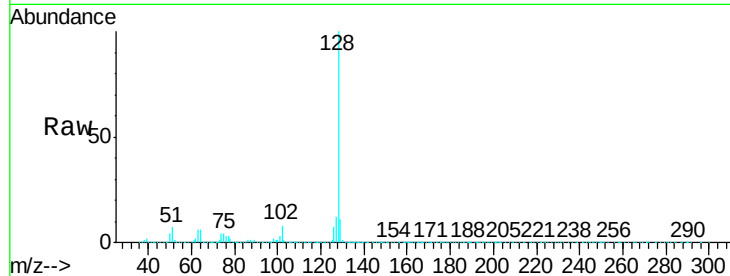




#91
Naphthalene
Concen: 18.609 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.4	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.502 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	191.0
145	30.4	0.0	59.0

