

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013123.D
 Acq On : 18 Oct 2019 13:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 23:51:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	251754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	93657	47.51	ug/l	-0.01
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	5.48	113	76598	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
50) Toluene-d8	8.71	98	282186	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	114504	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	92980	57.839	ug/l	99
3) Chloromethane	1.32	50	86077	49.200	ug/l	94
4) Vinyl Chloride	1.40	62	87976	48.719	ug/l	100
5) Bromomethane	1.62	94	40706	54.228	ug/l	98
6) Chloroethane	1.71	64	55606	50.409	ug/l	97
7) Trichlorofluoromethane	1.92	101	136165	55.867	ug/l	97
8) Diethyl Ether	2.18	74	49700	50.519	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85267	54.055	ug/l	98
10) Methyl Iodide	2.50	142	99847	55.276	ug/l	99
11) Tert butyl alcohol	3.03	59	110987	212.399	ug/l	98
12) 1,1-Dichloroethene	2.36	96	80782	50.687	ug/l	91
13) Acrolein	2.28	56	96448	259.725	ug/l	99
14) Allyl chloride	2.72	41	135490	47.738	ug/l	96
15) Acrylonitrile	3.13	53	236798	239.129	ug/l	100
16) Acetone	2.43	43	258029	248.343	ug/l	99
17) Carbon Disulfide	2.56	76	220610	48.546	ug/l	99
18) Methyl Acetate	2.76	43	112582	45.714	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	290601	52.801	ug/l	98
20) Methylene Chloride	2.84	84	93415	48.922	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	89998	52.686	ug/l	100
22) Diisopropyl ether	3.84	45	267214	49.133	ug/l	89
23) Vinyl Acetate	3.80	43	1170184	249.242	ug/l	98
24) 1,1-Dichloroethane	3.69	63	158316	51.744	ug/l	99
25) 2-Butanone	4.65	43	335893	233.020	ug/l	96
26) 2,2-Dichloropropane	4.57	77	140728	54.697	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	102976	52.298	ug/l	98
28) Bromochloromethane	5.00	49	42413	46.352	ug/l	93
29) Tetrahydrofuran	5.11	42	202916	228.758	ug/l	96
30) Chloroform	5.20	83	163331	52.026	ug/l	99
31) Cyclohexane	5.56	56	140469	49.099	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	145217	54.592	ug/l	98
36) 1,1-Dichloropropene	5.79	75	123917	55.984	ug/l	98
37) Ethyl Acetate	4.81	43	124526	50.313	ug/l	99
38) Carbon Tetrachloride	5.77	117	126015	58.491	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153125	57.045	ug/l	99
40) Benzene	6.13	78	362006	55.374	ug/l	98
41) Methacrylonitrile	5.03	41	69128	50.829	ug/l	99
42) 1,2-Dichloroethane	6.18	62	131559	56.082	ug/l	99
43) Isopropyl Acetate	6.43	43	204159	51.393	ug/l	99
44) Trichloroethene	7.20	130	99999	55.162	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90892	54.551	ug/l	99
46) Dibromomethane	7.65	93	62949	56.706	ug/l	96
47) Bromodichloromethane	7.89	83	127668	58.932	ug/l	98
48) Methyl methacrylate	7.76	41	101091	52.220	ug/l	98
49) 1,4-Dioxane	7.73	88	46335	895.711	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	634462	256.164	ug/l	99
52) Toluene	8.78	92	236716	56.599	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	141743	52.323	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	154812	58.103	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93130	56.267	ug/l	98
56) Ethyl methacrylate	9.17	69	151269	51.000	ug/l	97
57) 1,3-Dichloropropane	9.37	76	156359	54.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	316168	260.028	ug/l	98
59) 2-Hexanone	9.48	43	501440	260.081	ug/l	98
60) Dibromochloromethane	9.57	129	100022	54.144	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99384	57.080	ug/l	99
64) Tetrachloroethene	9.33	164	94047	59.707	ug/l	95
65) Chlorobenzene	10.13	112	253181	56.140	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92377	59.078	ug/l	100
67) Ethyl Benzene	10.25	91	458401	57.223	ug/l	100
68) m/p-Xylenes	10.36	106	345406	115.418	ug/l	100
69) o-Xylene	10.70	106	166621	57.094	ug/l	100
70) Styrene	10.71	104	291266	58.708	ug/l	100
71) Bromoform	10.85	173	71245	53.266	ug/l #	99
73) Isopropylbenzene	11.01	105	448842	55.003	ug/l	99
74) N-amyl acetate	10.89	43	182751	52.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145560	53.631	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	168833	68.582	ug/l	77
77) Bromobenzene	11.25	156	108440	56.393	ug/l	98
78) n-propylbenzene	11.35	91	511838	57.002	ug/l	98
79) 2-Chlorotoluene	11.42	91	299832	53.131	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	377548	55.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47306	49.462	ug/l	98
82) 4-Chlorotoluene	11.51	91	345755	53.454	ug/l	100
83) tert-Butylbenzene	11.76	119	364254	54.801	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	384441	55.709	ug/l	99
85) sec-Butylbenzene	11.94	105	432970	56.225	ug/l	98
86) p-Isopropyltoluene	12.06	119	402381	56.341	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199606	55.898	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201367	55.680	ug/l	97
89) n-Butylbenzene	12.39	91	342542	57.067	ug/l	99
90) Hexachloroethane	12.59	117	68655	51.822	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191581	54.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34335	53.974	ug/l	99

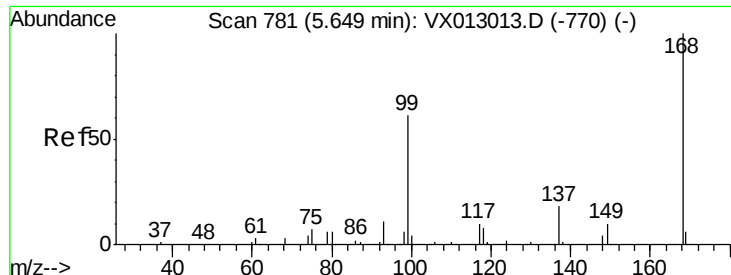
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127996	58.366	ug/l	98
94) Hexachlorobutadiene	13.78	225	59580	58.870	ug/l	99
95) Naphthalene	13.83	128	389218	51.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124616	54.989	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

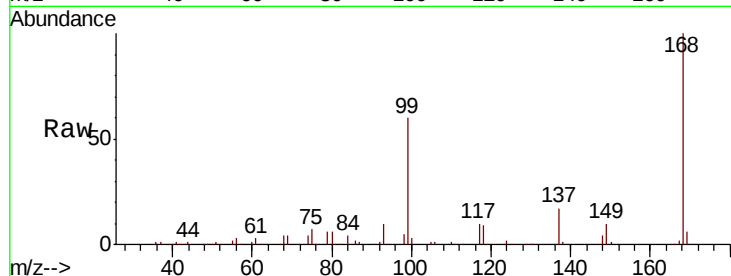
VSTDCCC050

Tot Ion:168 Resp: 157710

Ion Ratio Lower Upper

168 100

99 60.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

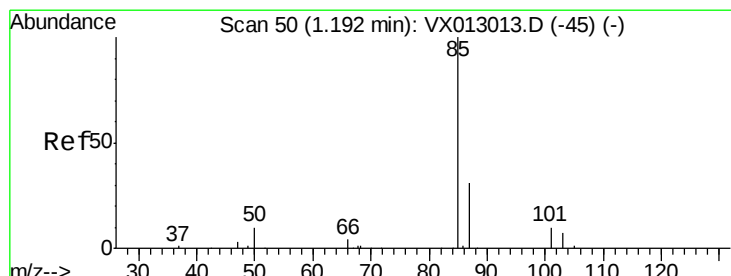
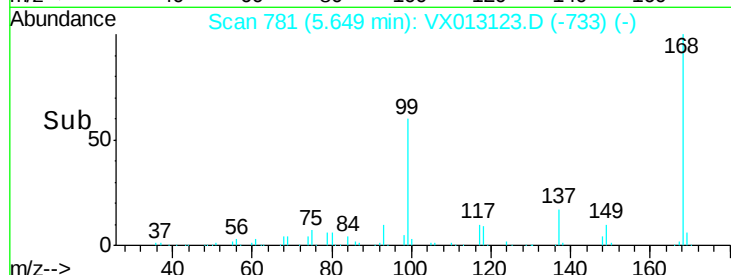
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.839 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013123.D

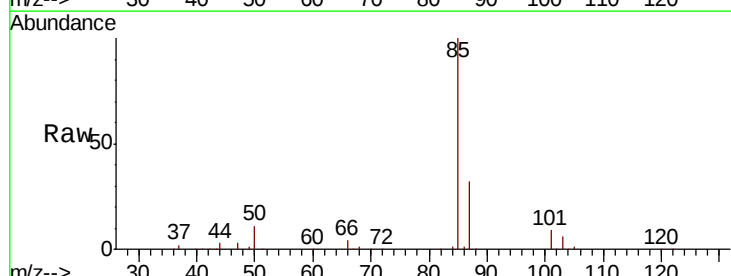
Acq: 18 Oct 2019 13:10

Tgt Ion: 85 Resp: 92980

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

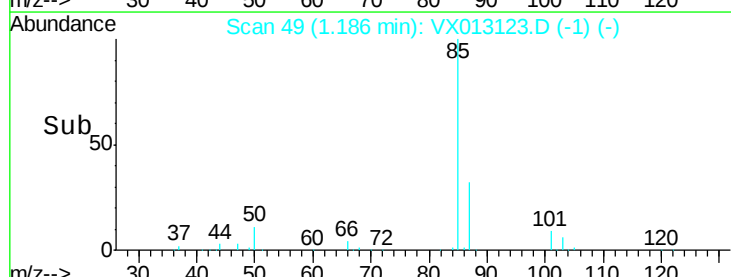
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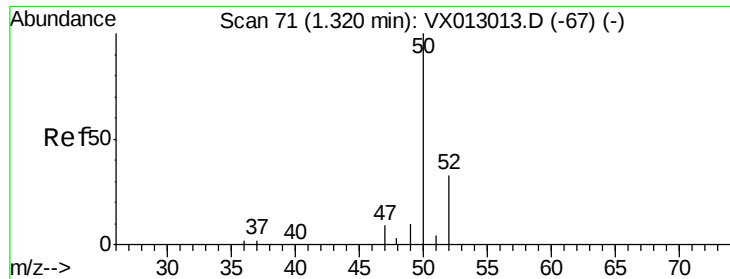
40000

20000

0

Time-->





#3

Chloromethane

Concen: 49.200 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

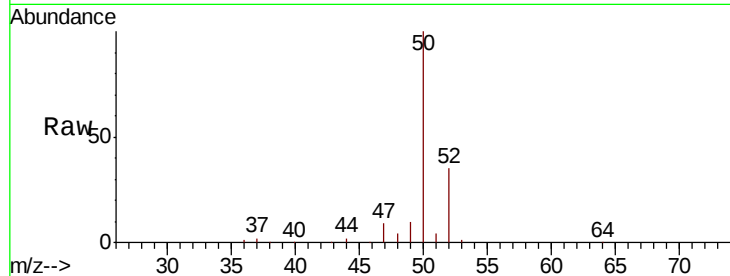
VSTDCCC050

Tot Ion: 50 Resp: 86077

Ion Ratio Lower Upper

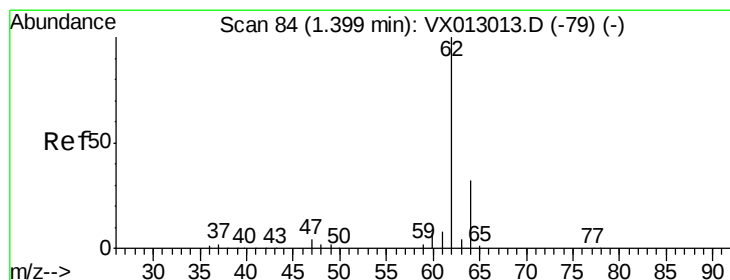
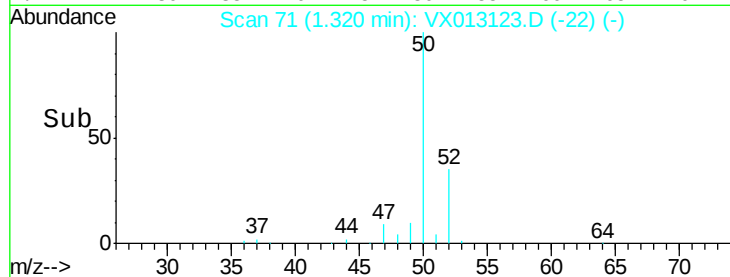
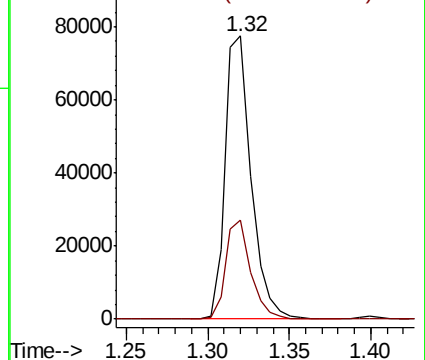
50 100

52 34.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.719 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013123.D

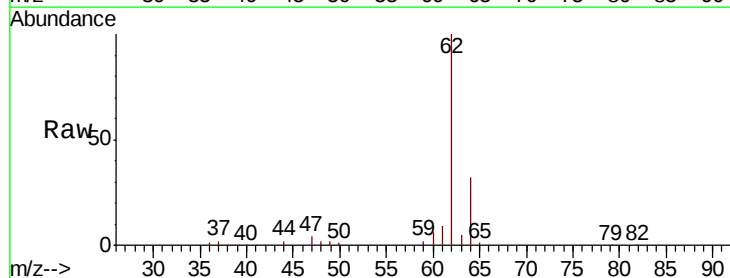
Acq: 18 Oct 2019 13:10

Tgt Ion: 62 Resp: 87976

Ion Ratio Lower Upper

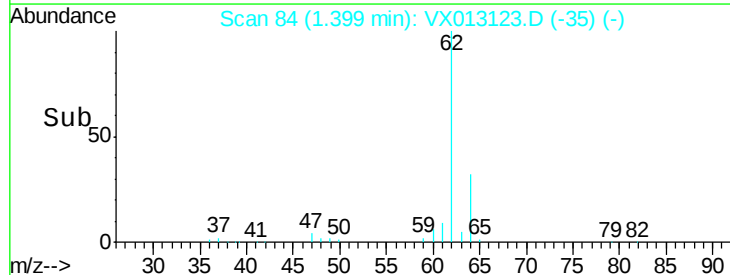
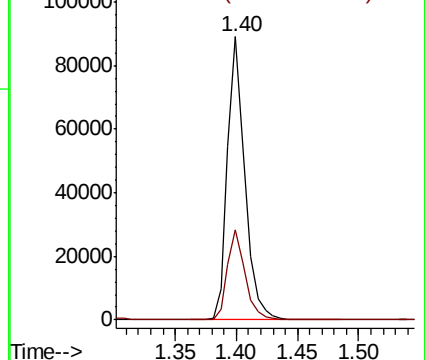
62 100

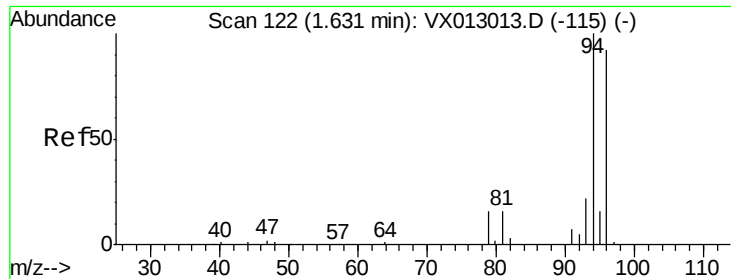
64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.228 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

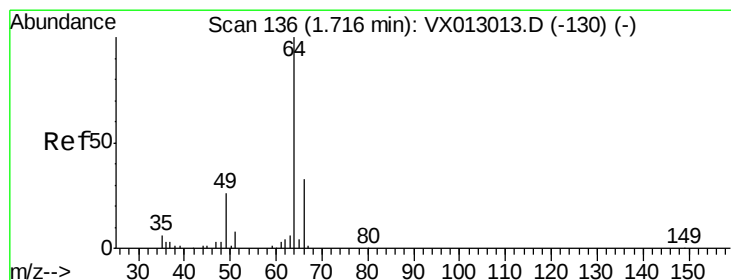
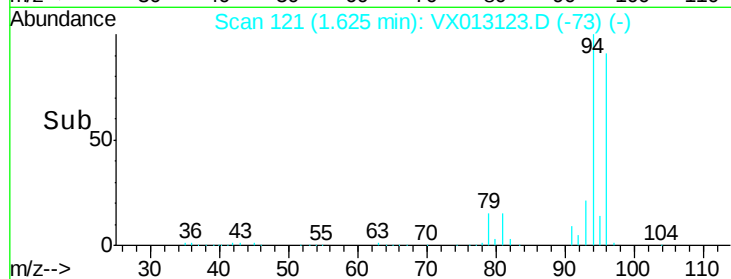
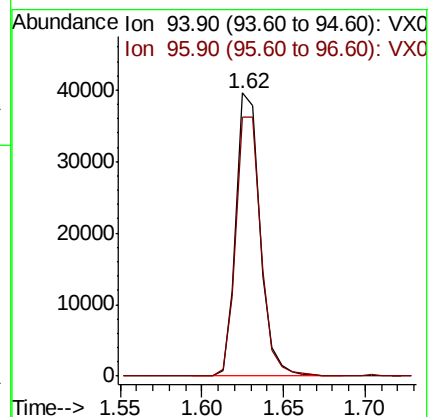
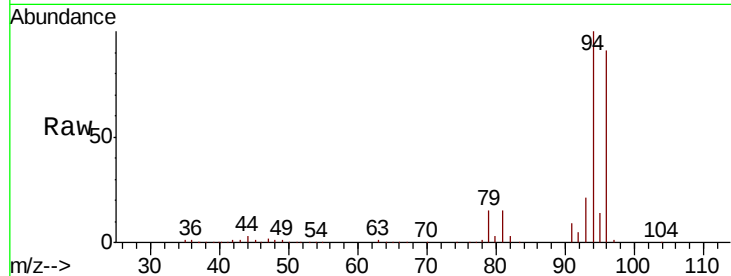
VSTDCCC050

Tot Ion: 94 Resp: 40706

Ion Ratio Lower Upper

94 100

96 91.5 74.7 112.1



#6

Chloroethane

Concen: 50.409 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013123.D

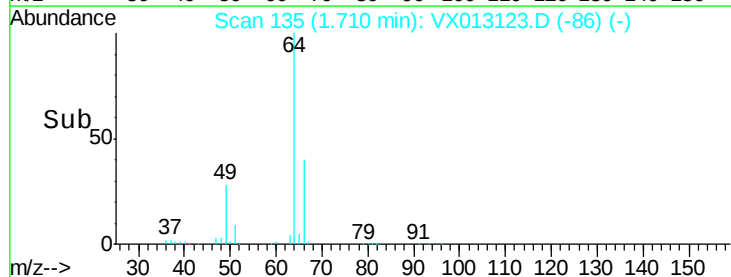
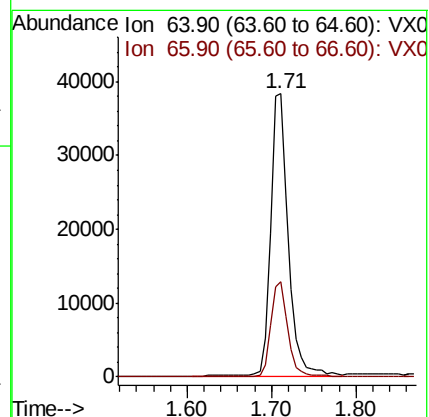
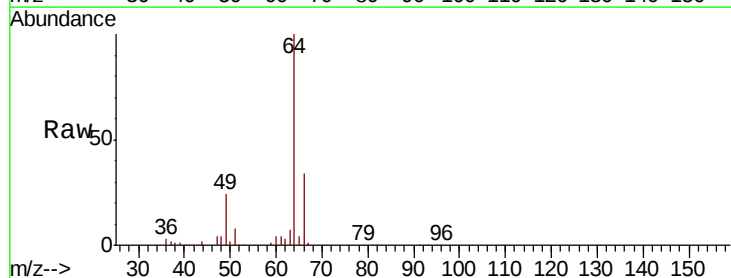
Acq: 18 Oct 2019 13:10

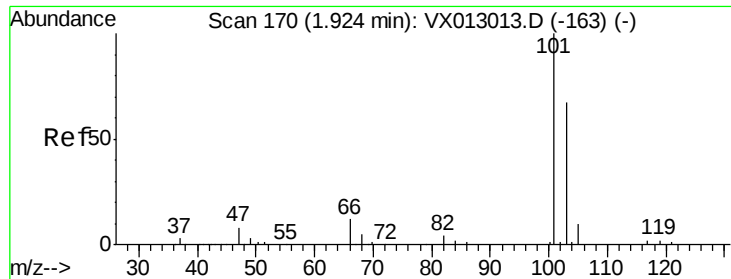
Tgt Ion: 64 Resp: 55606

Ion Ratio Lower Upper

64 100

66 33.5 25.6 38.4



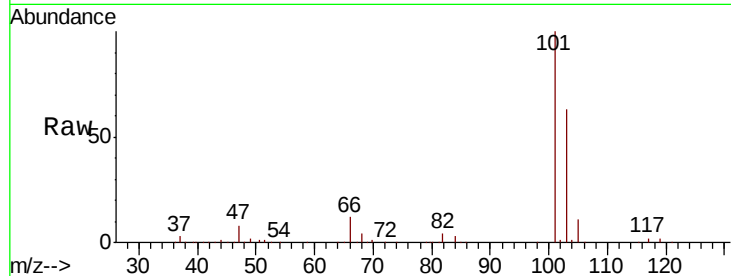


#7

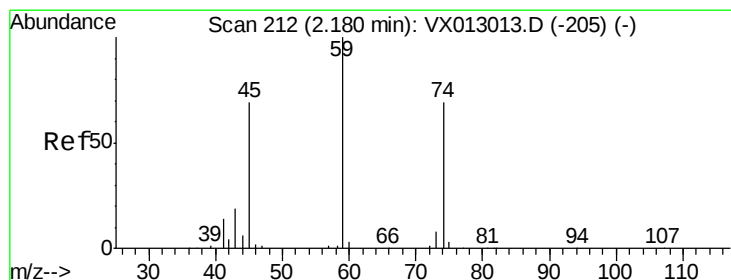
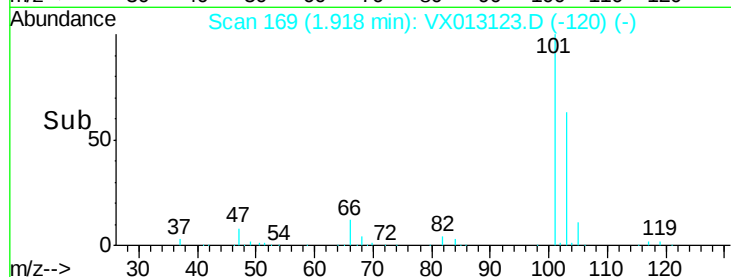
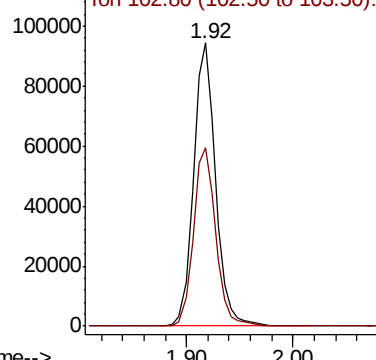
Trichlorofluoromethane
 Concen: 55.867 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 136165
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.5 78.7



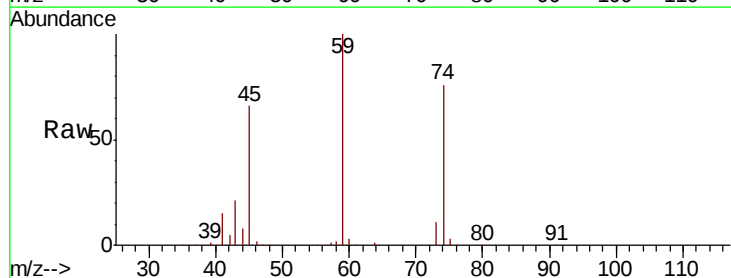
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



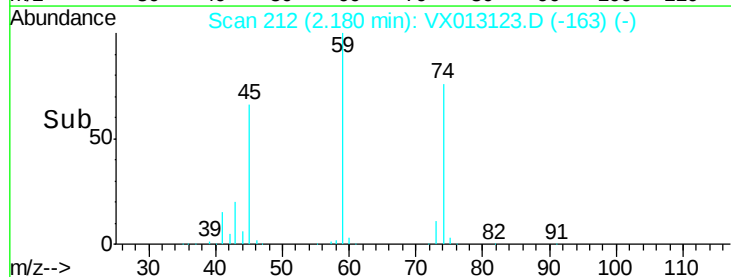
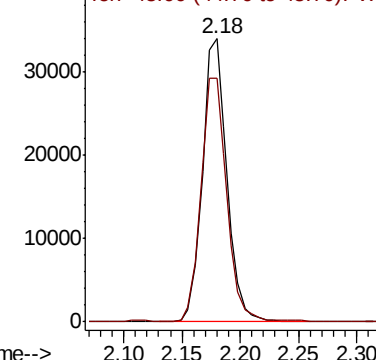
#8

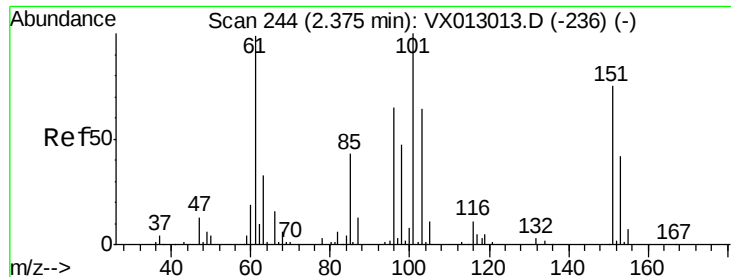
Diethyl Ether
 Concen: 50.519 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 74 Resp: 49700
 Ion Ratio Lower Upper
 74 100
 45 90.3 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.055 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

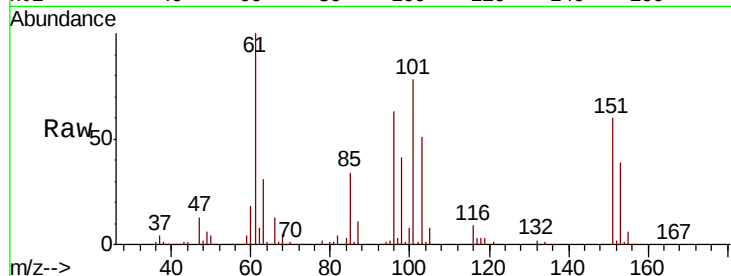
Tot Ion:101 Resp: 85267

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

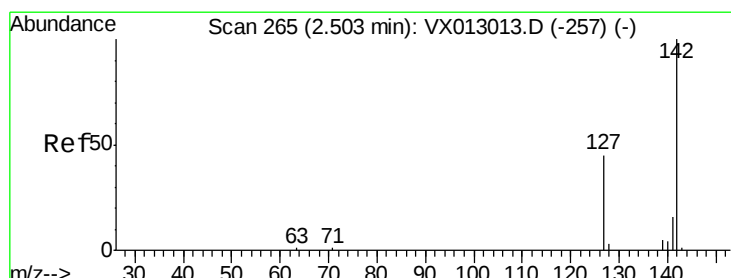
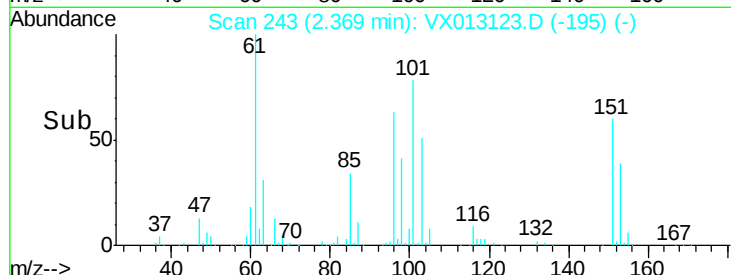
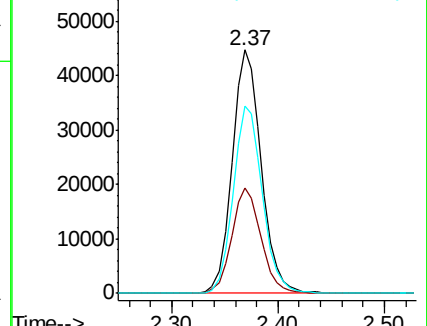
151 77.5 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.276 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

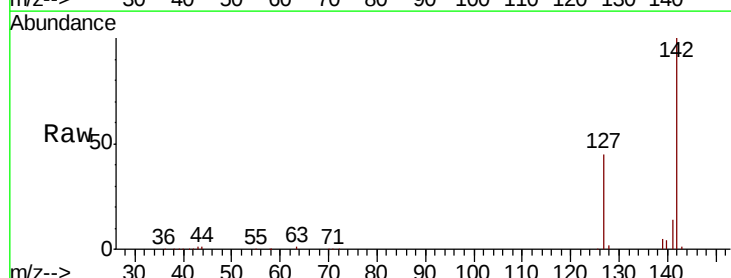
Tgt Ion:142 Resp: 99847

Ion Ratio Lower Upper

142 100

127 44.4 34.9 52.3

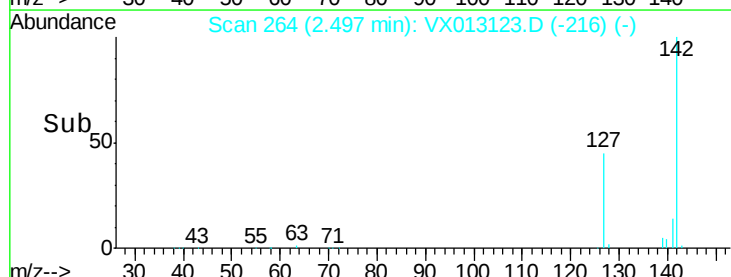
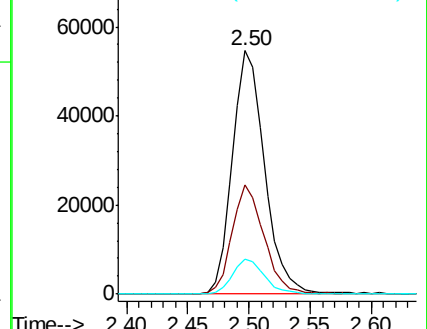
141 14.4 11.6 17.4

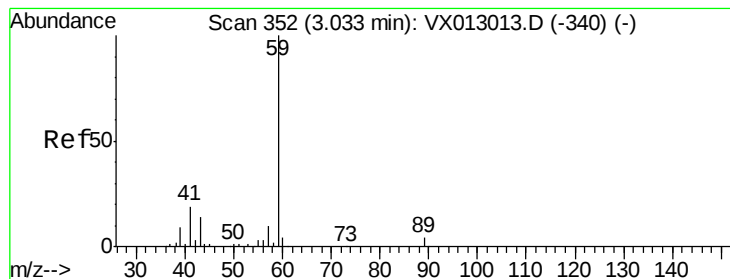


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



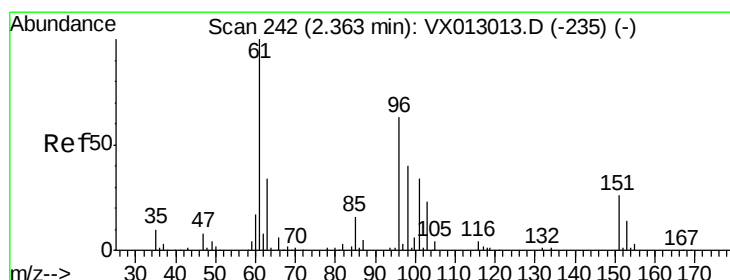
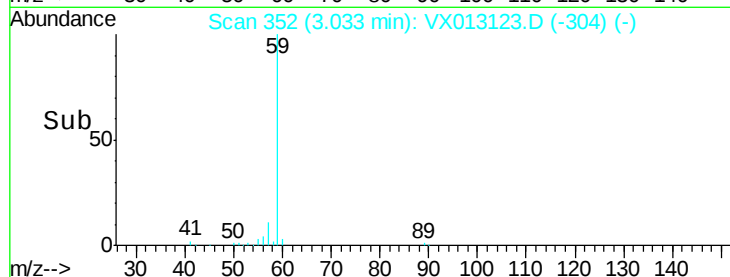
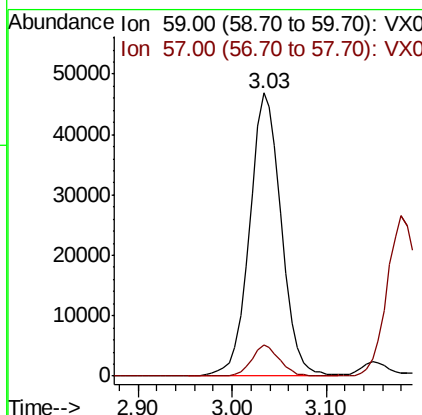
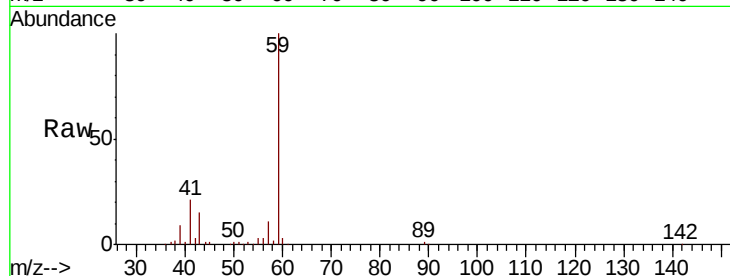


#11

Tert butyl alcohol
 Concen: 212.399 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

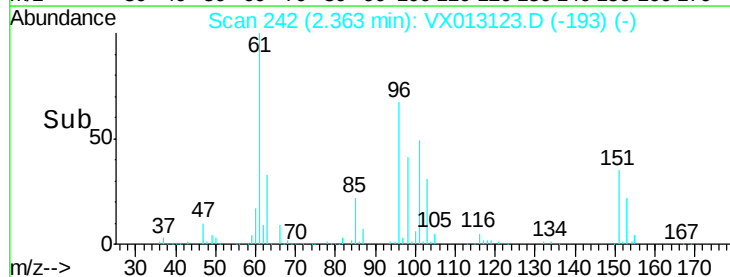
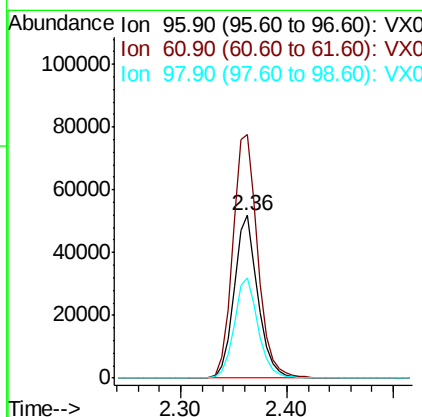
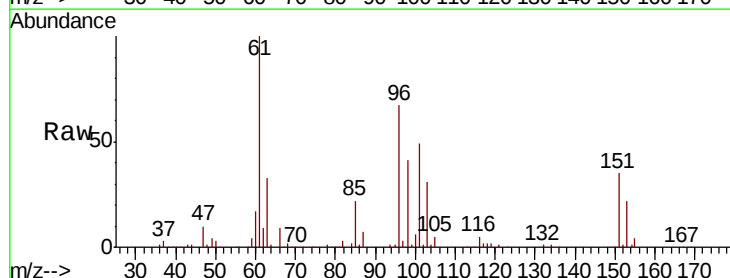
Tot Ion: 59 Resp: 110987
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

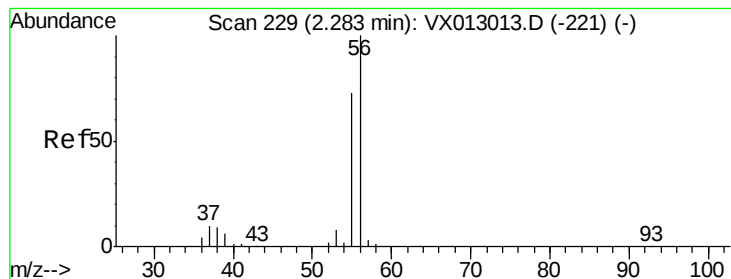


#12

1,1-Dichloroethene
 Concen: 50.687 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 96 Resp: 80782
 Ion Ratio Lower Upper
 96 100
 61 149.9 132.2 198.4
 98 61.9 50.5 75.7





#13

Acrolein

Concen: 259.725 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

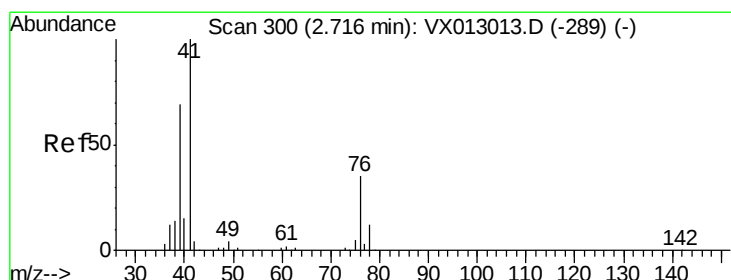
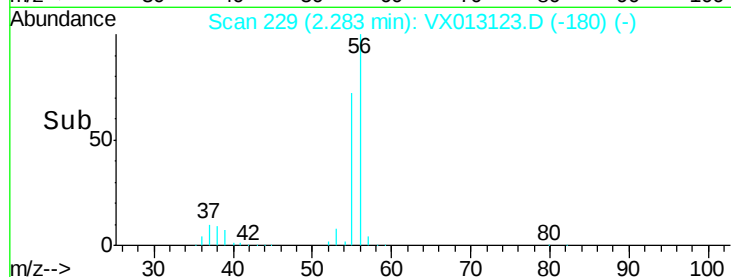
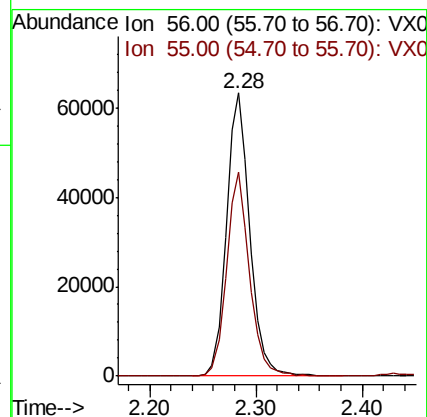
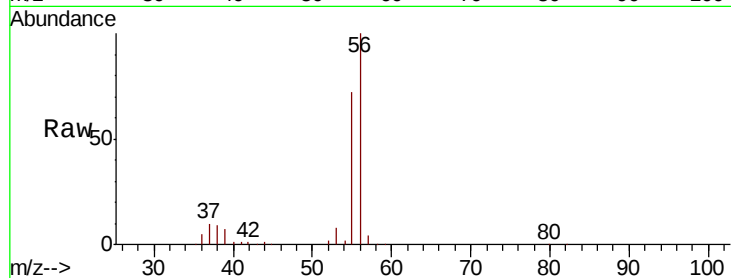
VSTDCCC050

Tot Ion: 56 Resp: 96448

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 47.738 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

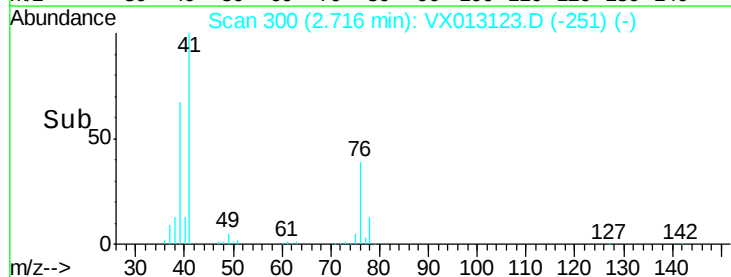
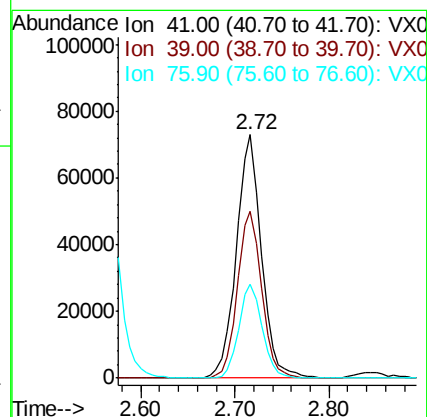
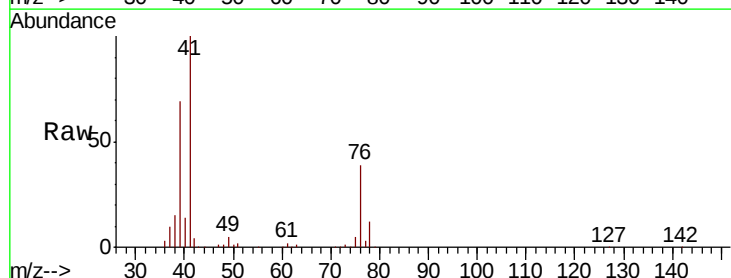
Tgt Ion: 41 Resp: 135490

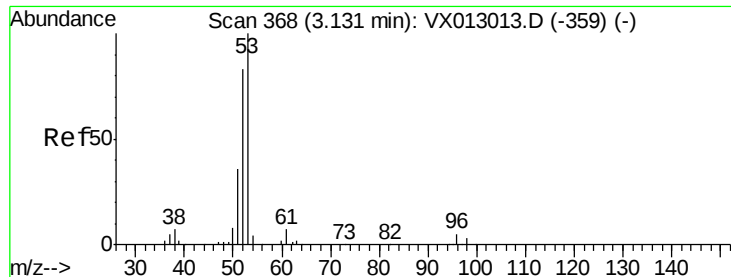
Ion Ratio Lower Upper

41 100

39 66.2 51.0 76.6

76 36.2 26.2 39.4





#15

Acrylonitrile

Concen: 239.129 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

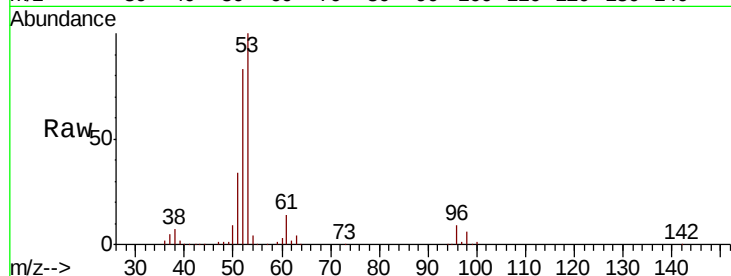
Tot Ion: 53 Resp: 236798

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

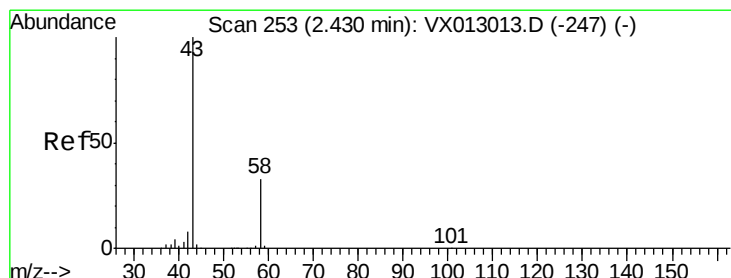
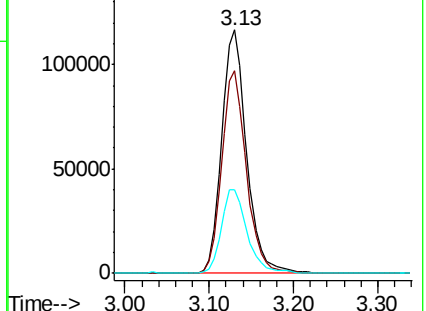
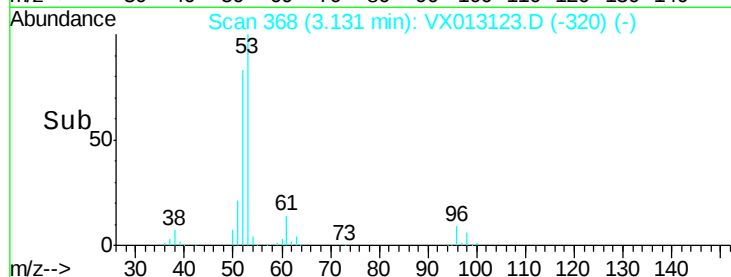
51 35.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 248.343 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013123.D

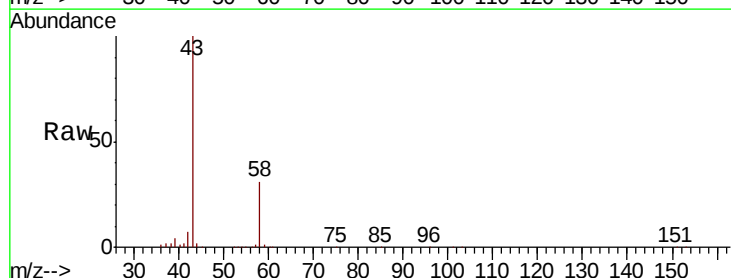
Acq: 18 Oct 2019 13:10

Tgt Ion: 43 Resp: 258029

Ion Ratio Lower Upper

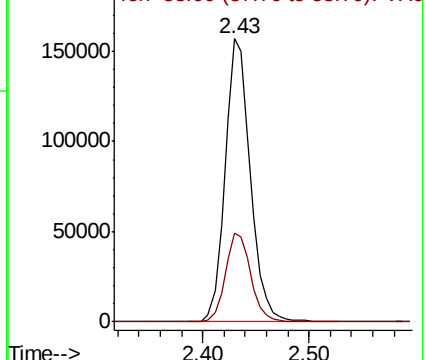
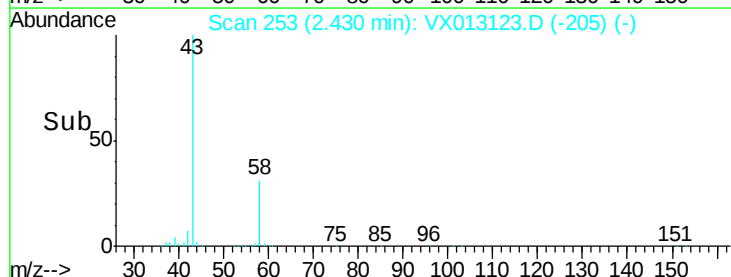
43 100

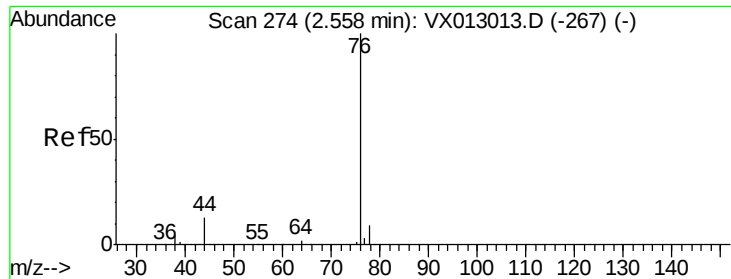
58 31.3 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

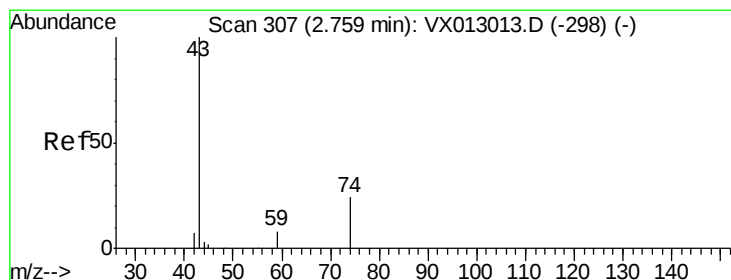
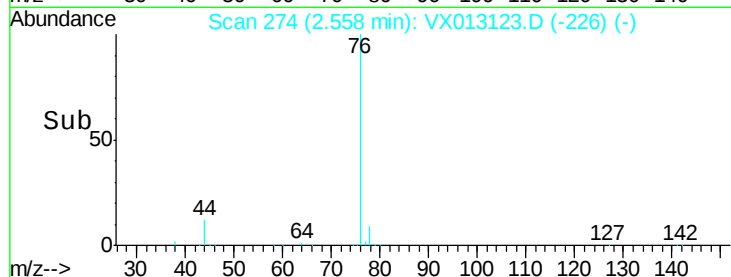
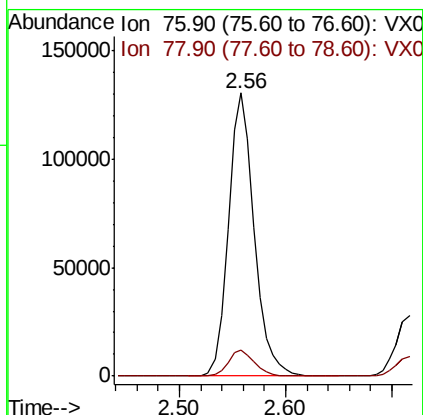
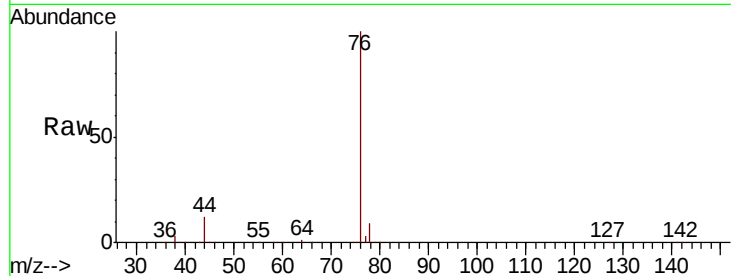




#17
Carbon Disulfide
Concen: 48.546 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

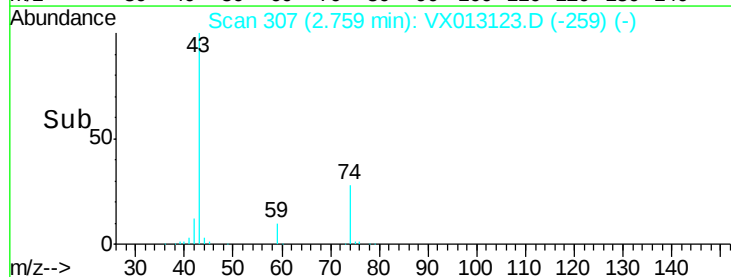
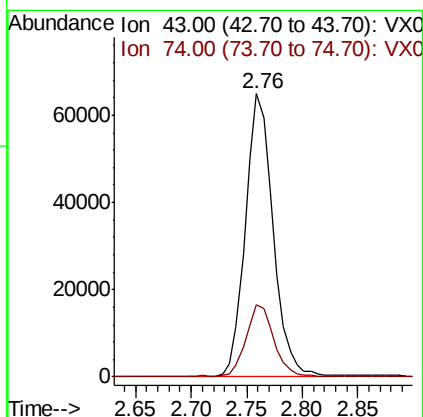
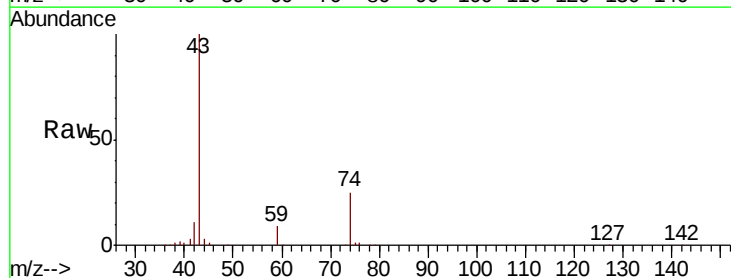
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

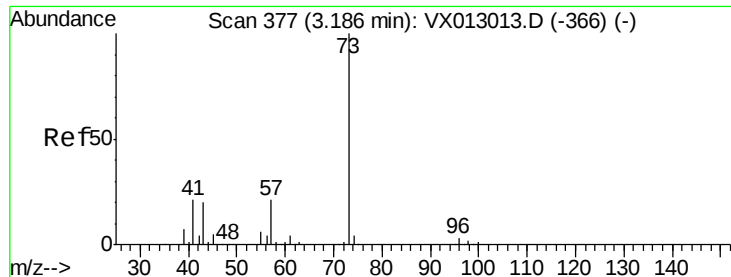
Tot Ion: 76 Resp: 220610
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 45.714 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 43 Resp: 112582
Ion Ratio Lower Upper
43 100
74 25.9 19.2 28.8



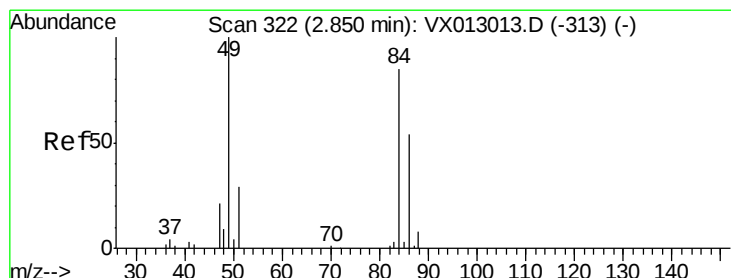
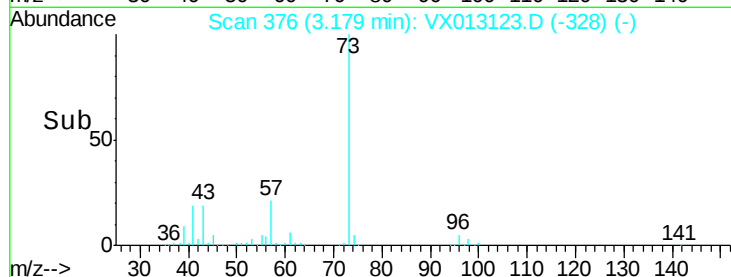
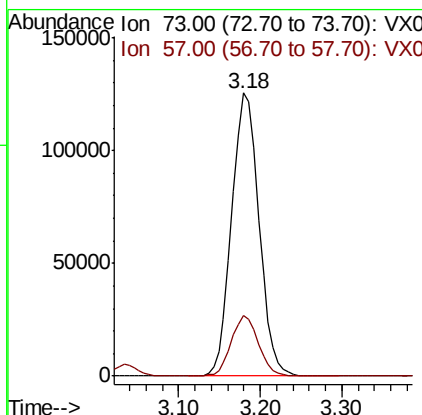
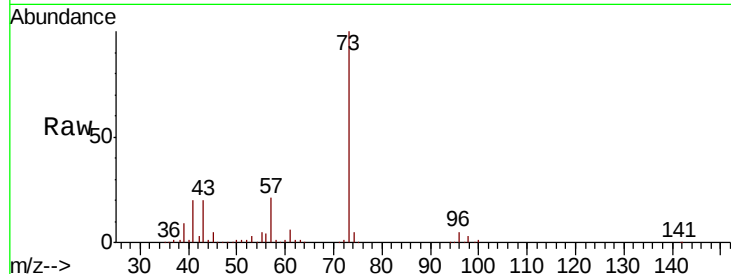


#19

Methyl tert-butyl Ether
 Concen: 52.801 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

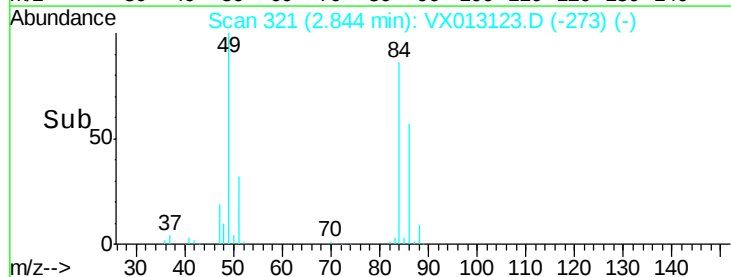
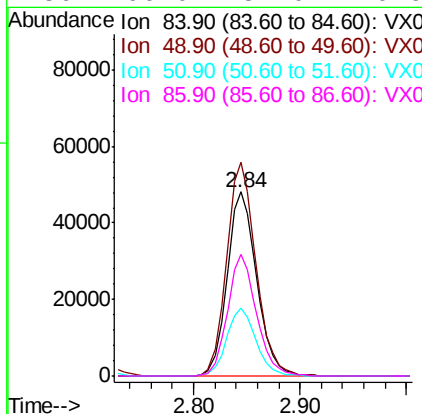
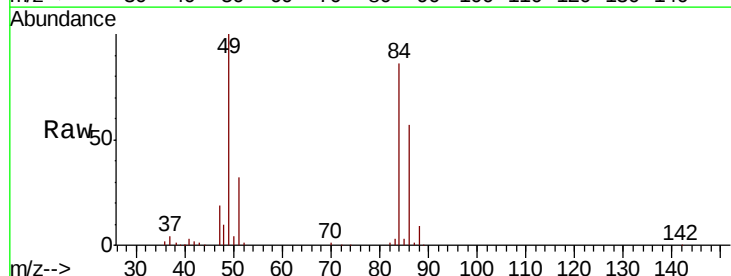
Tot Ion: 73 Resp: 290601
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.8 26.6

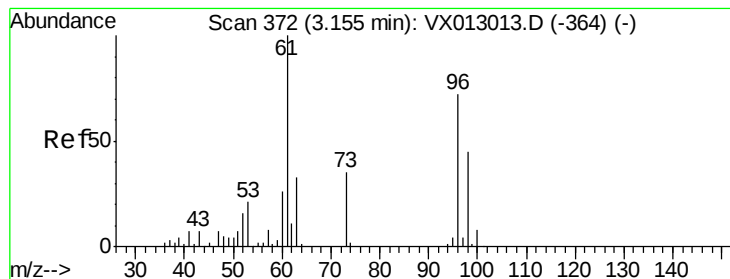


#20

Methylene Chloride
 Concen: 48.922 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 84 Resp: 93415
 Ion Ratio Lower Upper
 84 100
 49 116.2 96.6 144.8
 51 36.8 30.7 46.1
 86 66.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.686 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

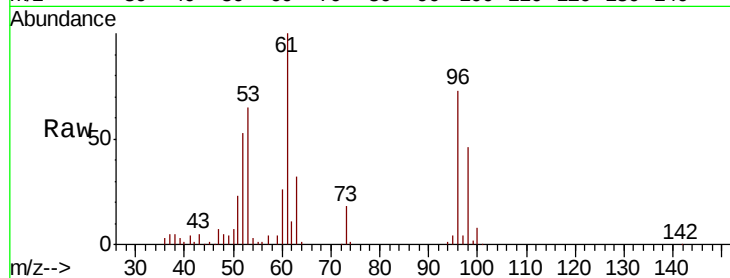
Tot Ion: 96 Resp: 89998

Ion Ratio Lower Upper

96 100

61 137.8 110.4 165.6

98 63.6 51.5 77.3

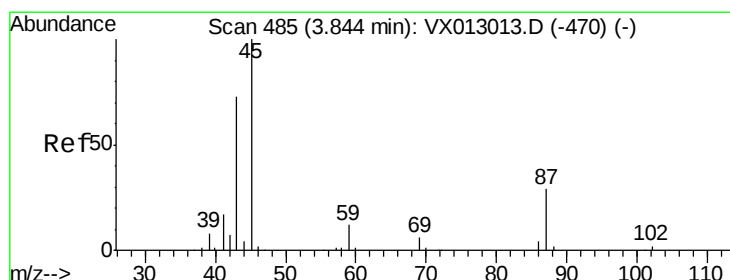
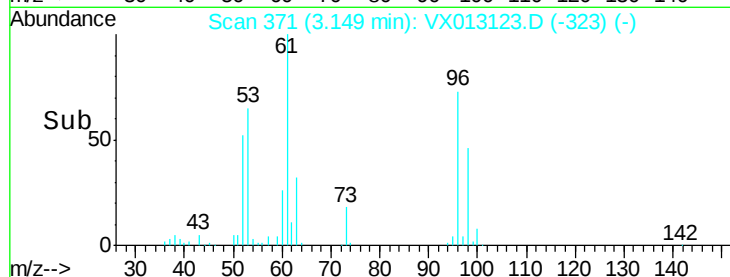
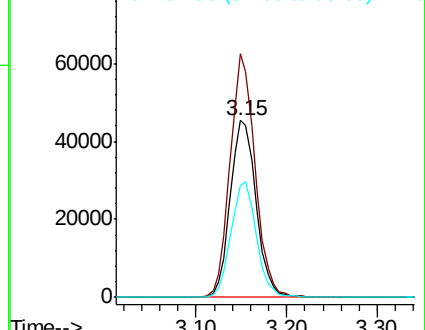


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.133 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion: 45 Resp: 267214

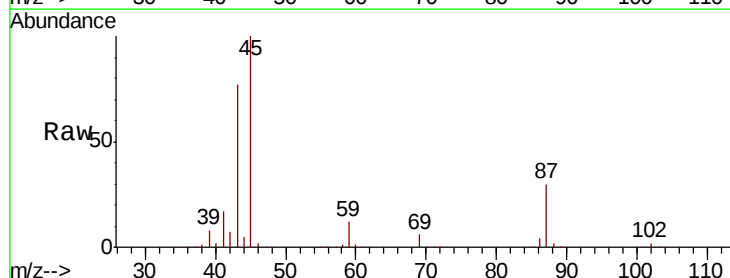
Ion Ratio Lower Upper

45 100

43 76.9 51.4 77.0

87 30.4 22.5 33.7

59 11.9 9.7 14.5



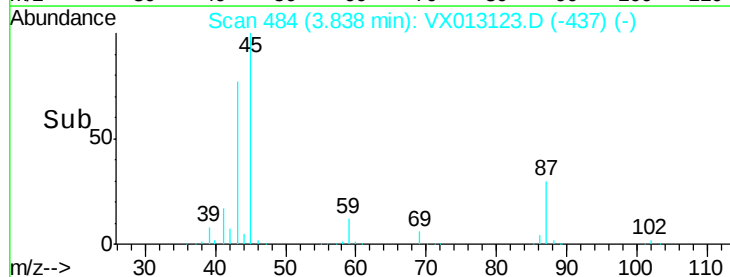
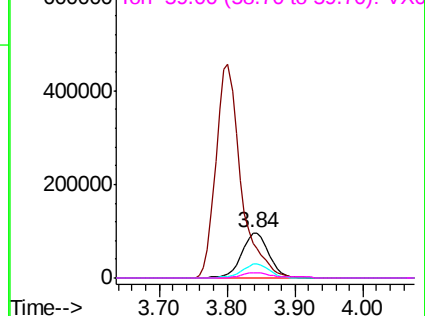
Abundance

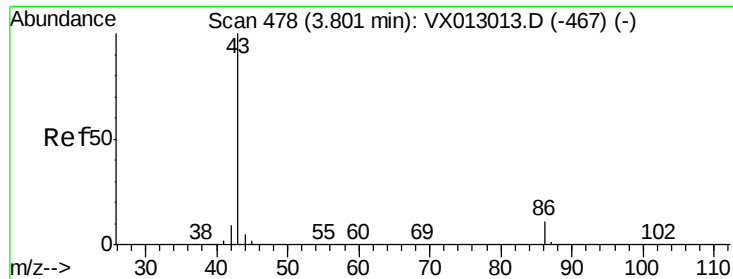
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.242 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

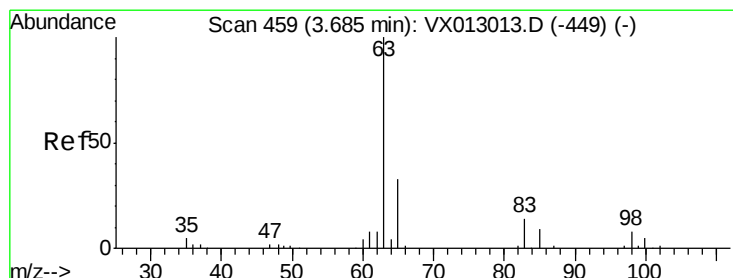
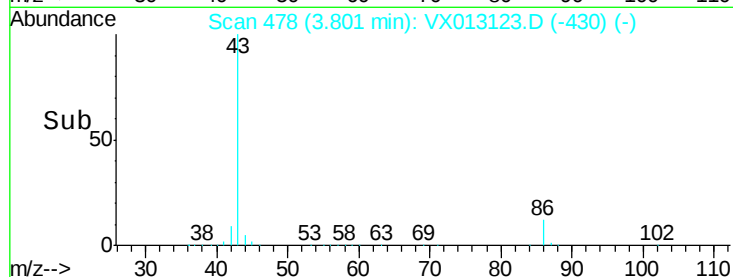
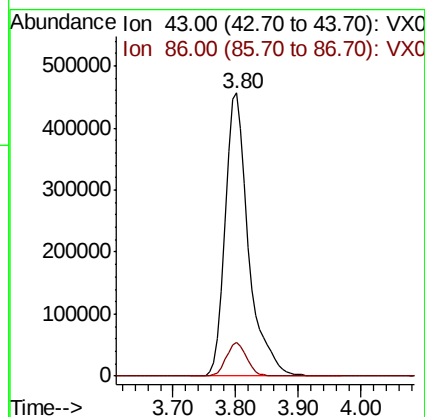
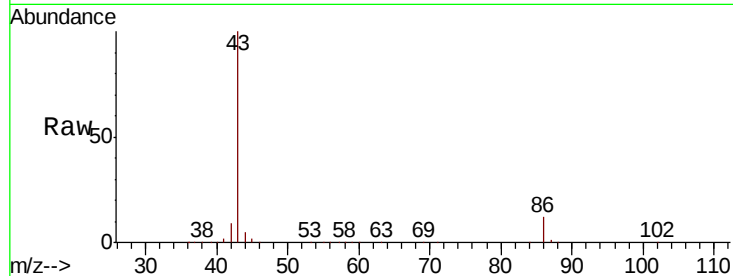
VSTDCCC050

Tot Ion: 43 Resp: 1170184

Ion Ratio Lower Upper

43 100

86 11.9 9.0 13.6



#24

1,1-Dichloroethane

Concen: 51.744 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

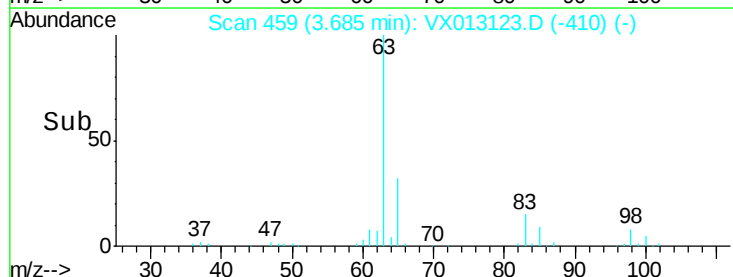
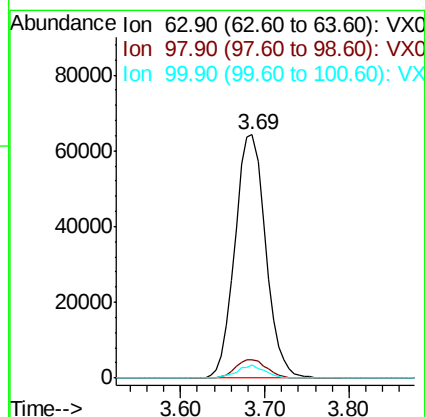
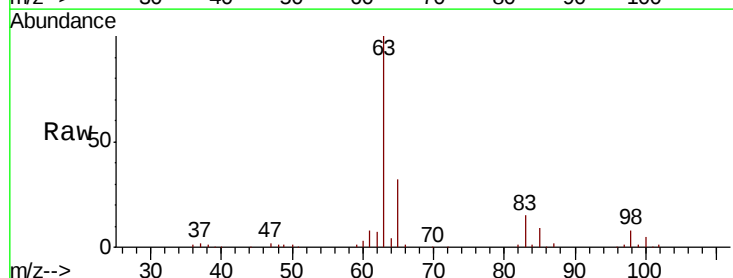
Tgt Ion: 63 Resp: 158316

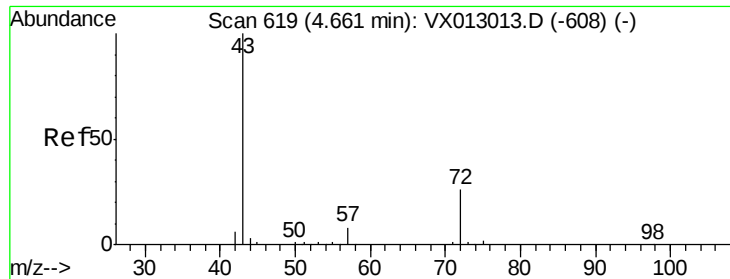
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 233.020 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

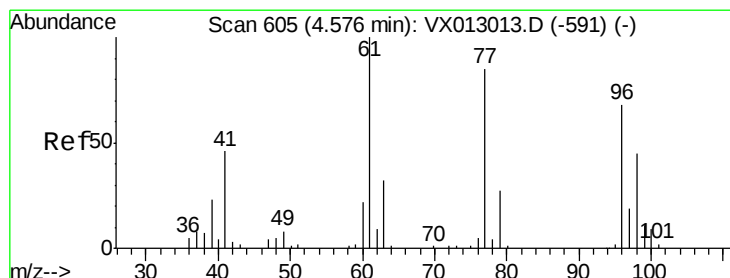
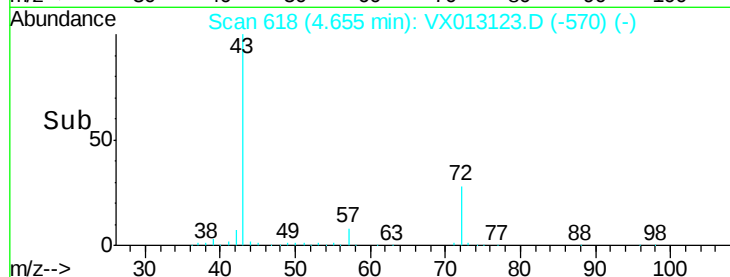
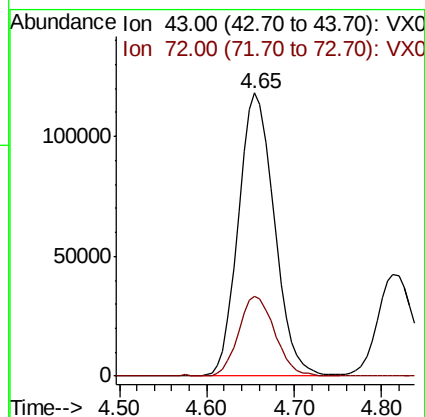
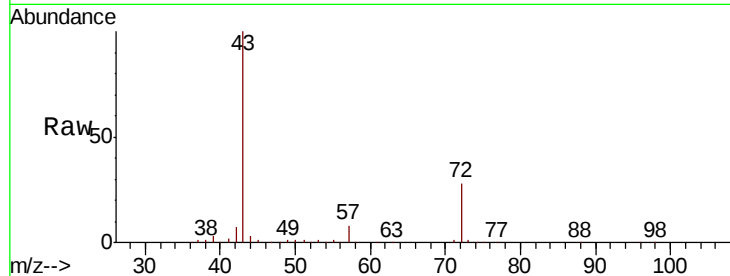
VSTDCCC050

Tot Ion: 43 Resp: 335893

Ion Ratio Lower Upper

43 100

72 28.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 54.697 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013123.D

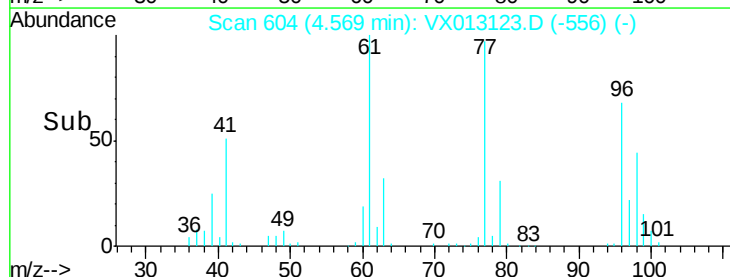
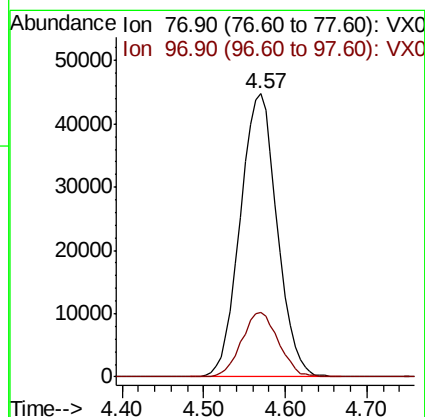
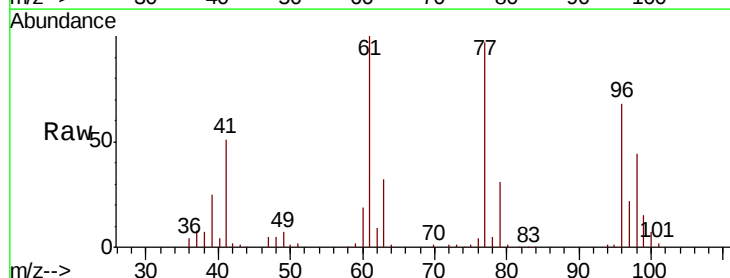
Acq: 18 Oct 2019 13:10

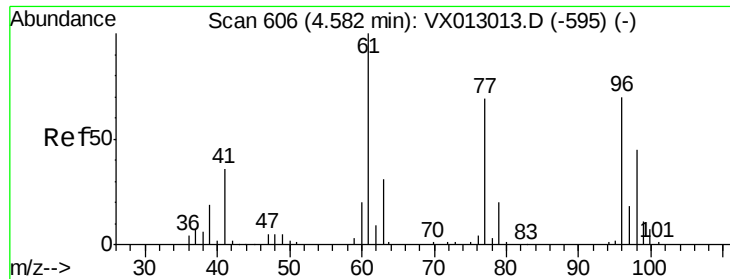
Tgt Ion: 77 Resp: 140728

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 52.298 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

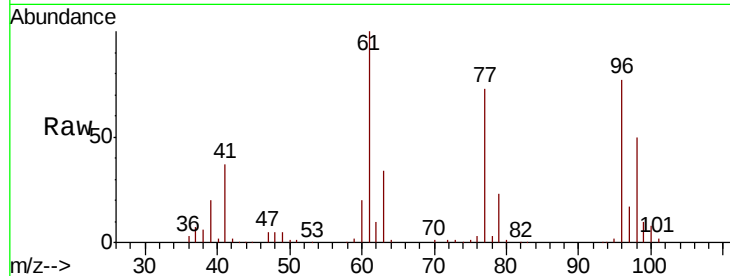
Tot Ion: 96 Resp: 102976

Ion Ratio Lower Upper

96 100

61 141.6 0.0 290.6

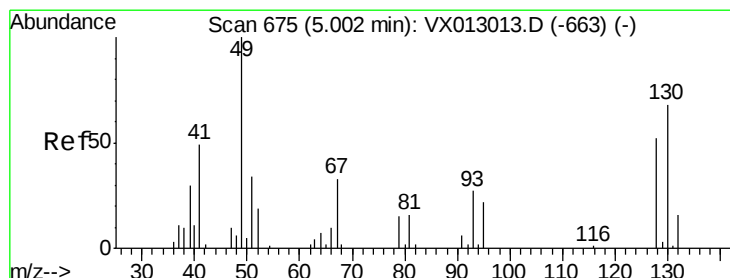
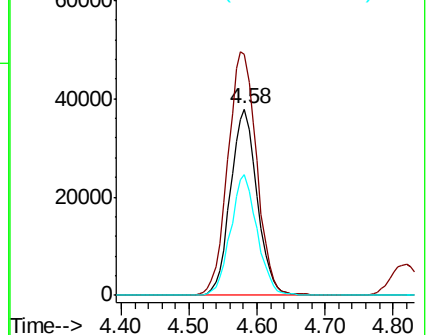
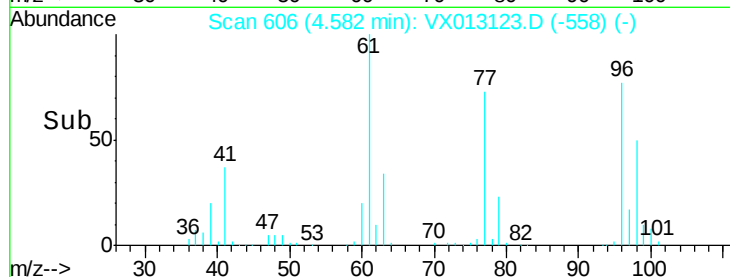
98 64.5 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 46.352 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

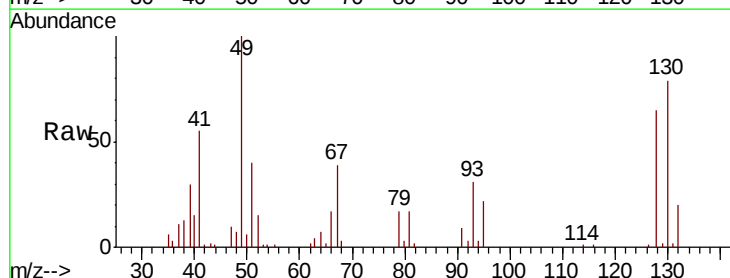
Tgt Ion: 49 Resp: 42413

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

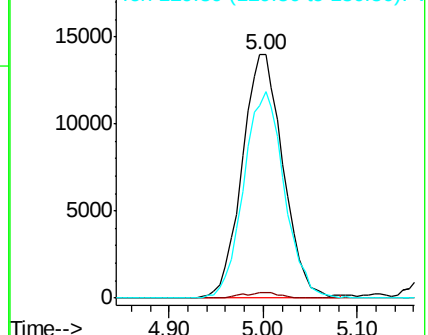
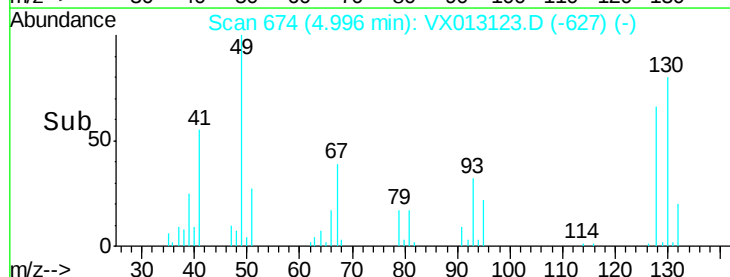
130 84.0 62.1 93.1

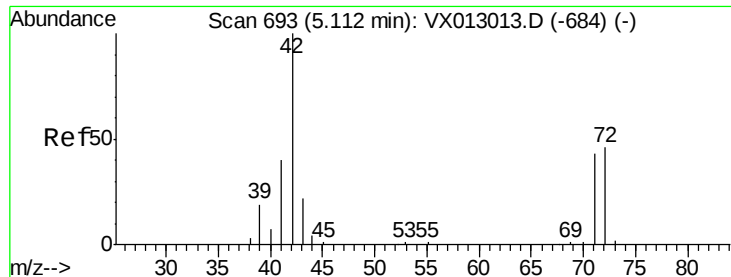


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.758 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

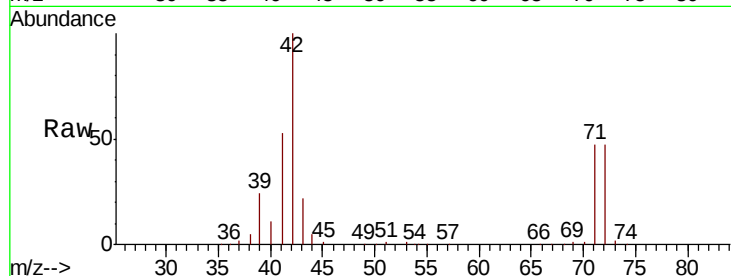
Tot Ion: 42 Resp: 202916

Ion Ratio Lower Upper

42 100

72 48.4 36.9 55.3

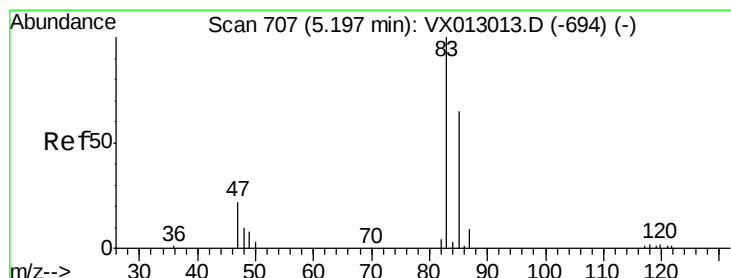
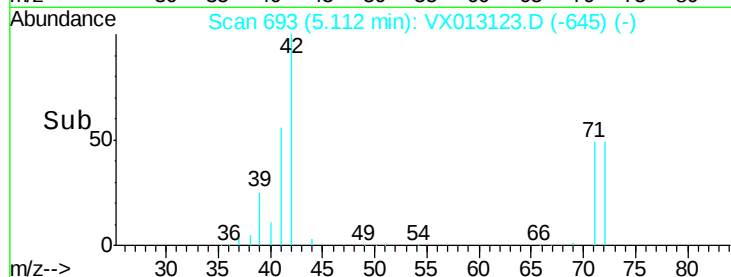
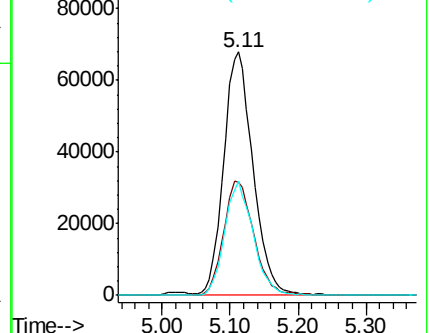
71 45.3 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.026 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013123.D

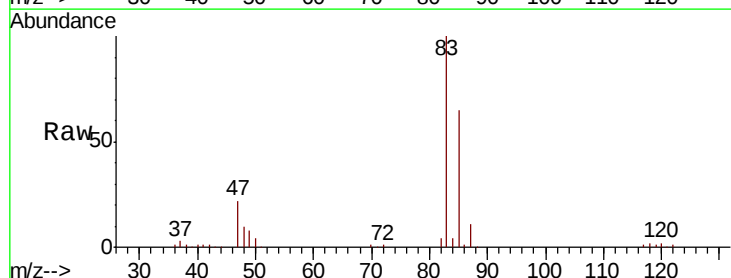
Acq: 18 Oct 2019 13:10

Tgt Ion: 83 Resp: 163331

Ion Ratio Lower Upper

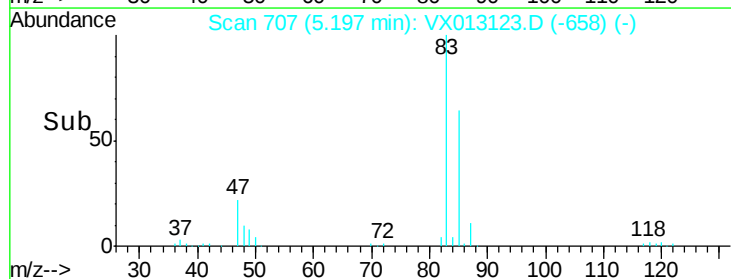
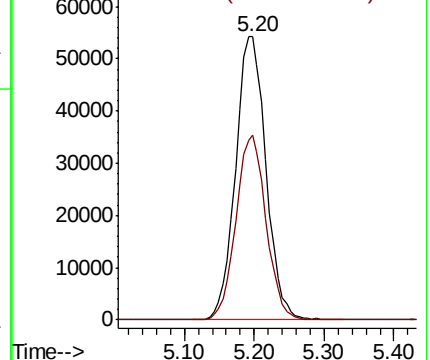
83 100

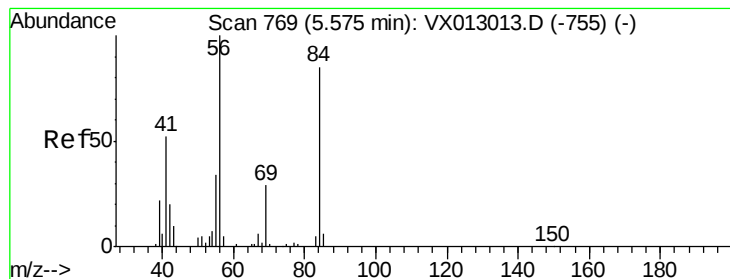
85 65.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.099 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

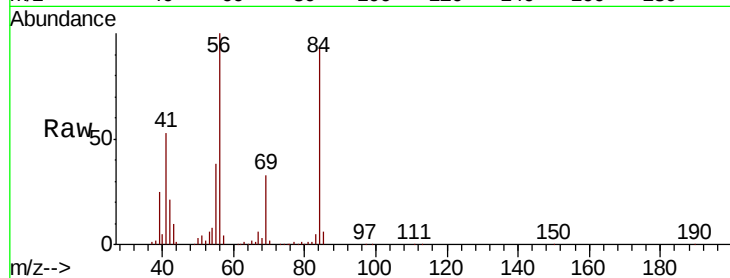
Tot Ion: 56 Resp: 140469

Ion Ratio Lower Upper

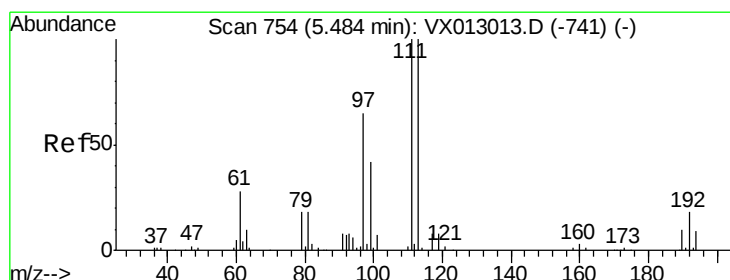
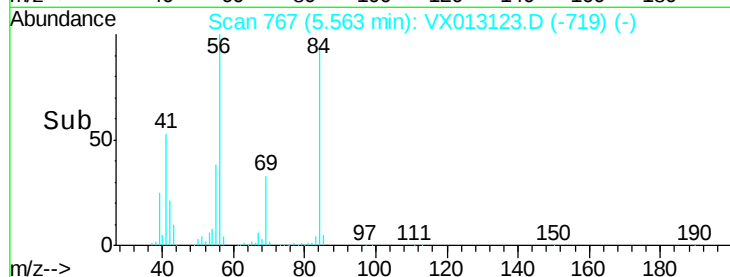
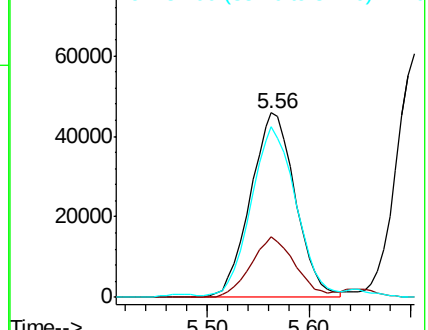
56 100

69 32.6 25.2 37.8

84 90.9 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.592 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

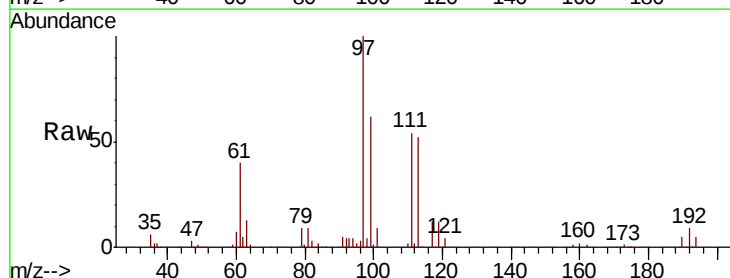
Tgt Ion: 97 Resp: 145217

Ion Ratio Lower Upper

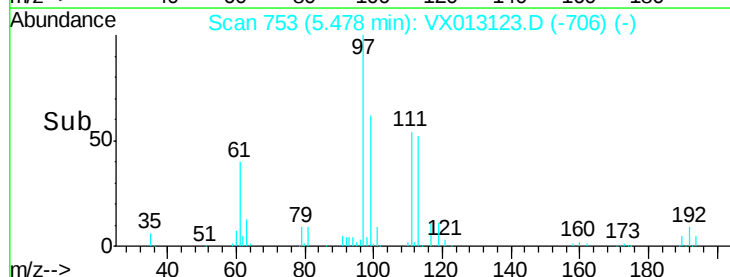
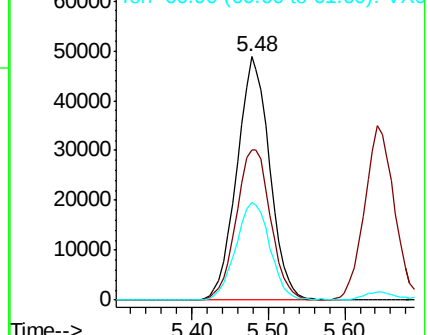
97 100

99 64.5 52.3 78.5

61 41.7 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

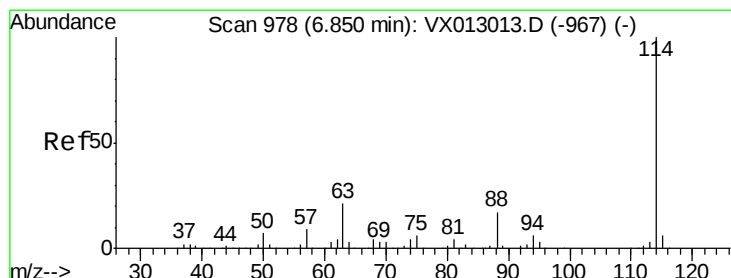
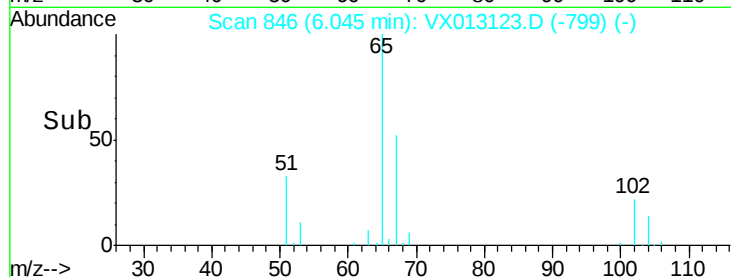
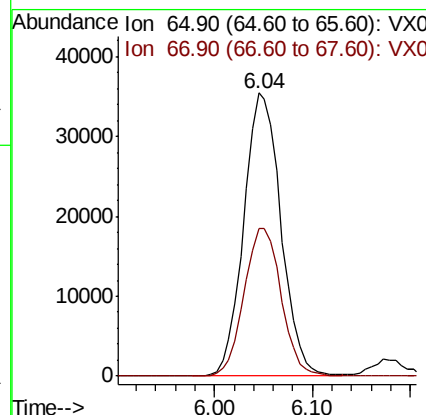
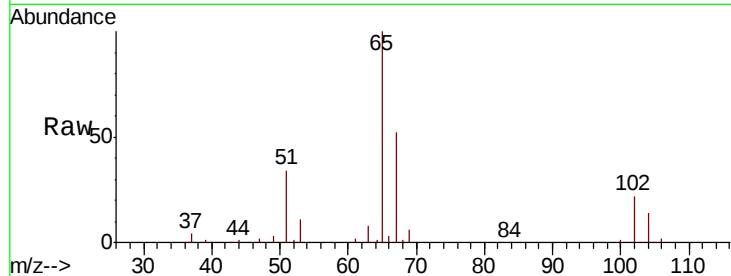




#33
 1,2-Dichloroethane-d4
 Concen: 47.513 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

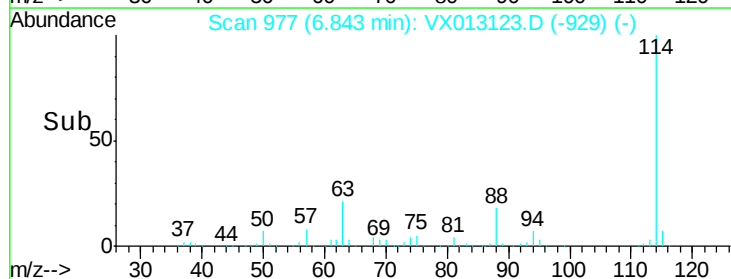
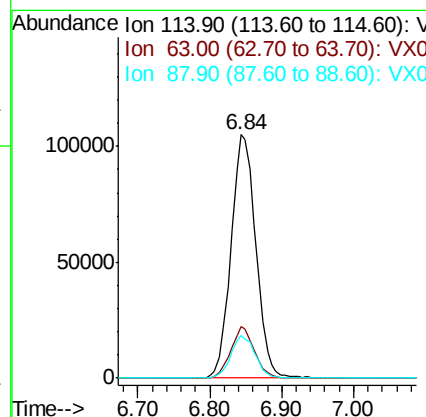
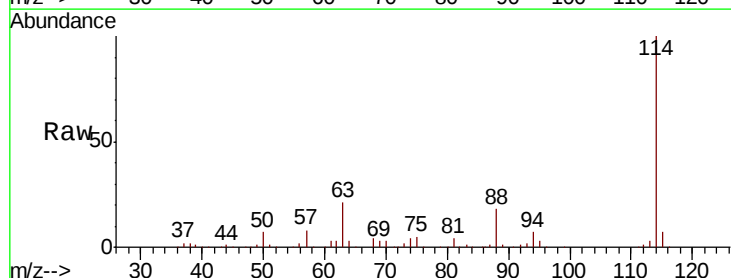
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

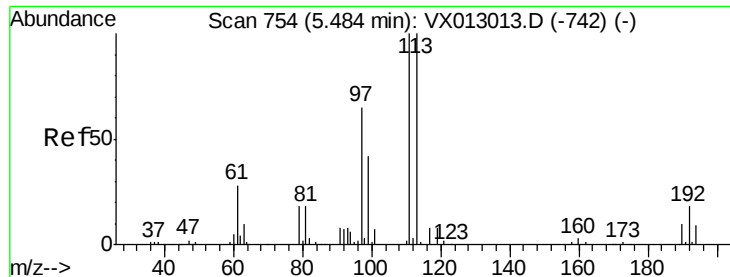
Tot Ion: 65 Resp: 93657
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 114 Resp: 251754
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.011 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

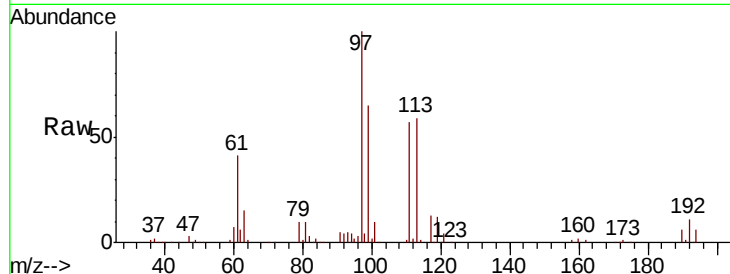
Tot Ion:113 Resp: 76598

Ion Ratio Lower Upper

113 100

111 101.2 83.2 124.8

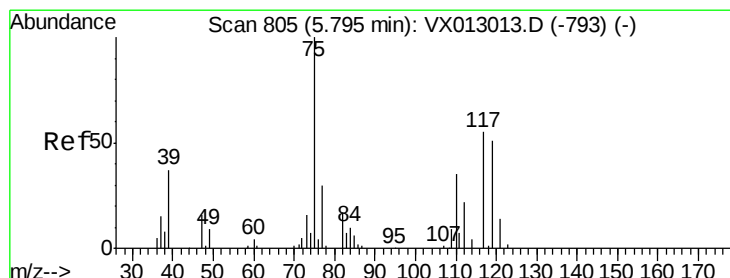
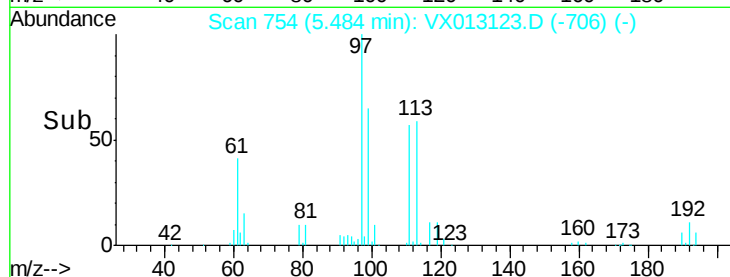
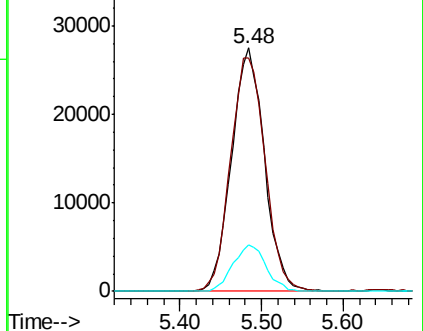
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.984 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

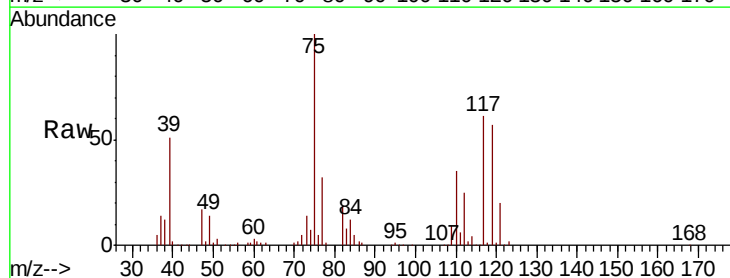
Tgt Ion: 75 Resp: 123917

Ion Ratio Lower Upper

75 100

110 36.4 17.6 52.9

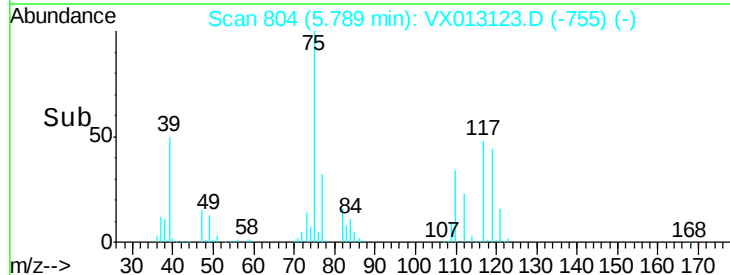
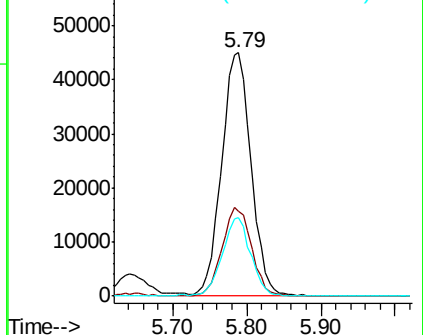
77 31.1 24.4 36.6

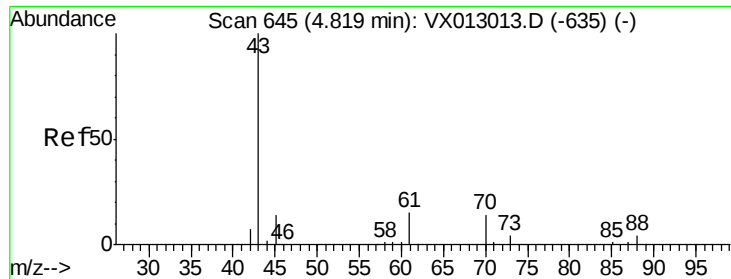


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

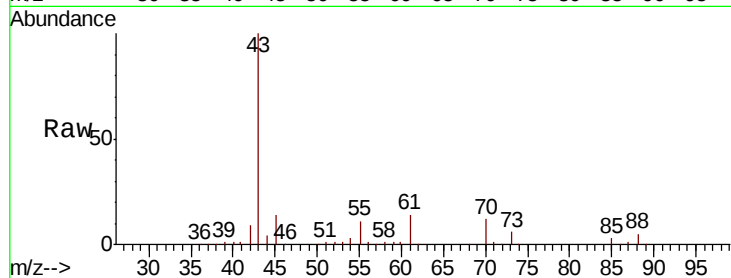




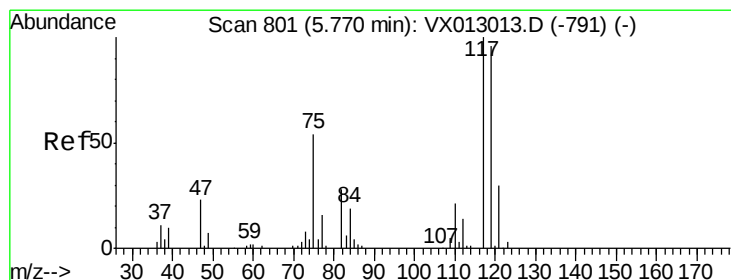
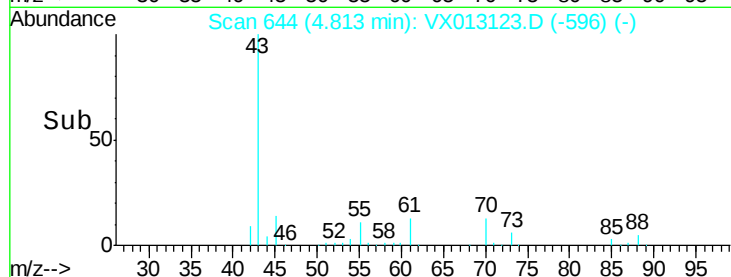
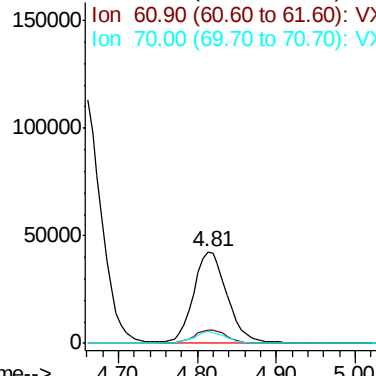
#37
Ethyl Acetate
Concen: 50.313 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 124526
Ion Ratio Lower Upper
43 100
61 14.7 11.4 17.0
70 12.5 9.8 14.6

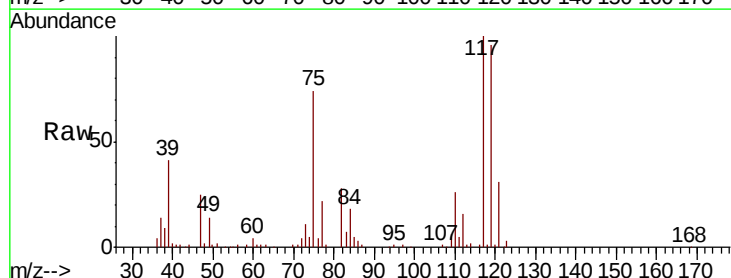


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

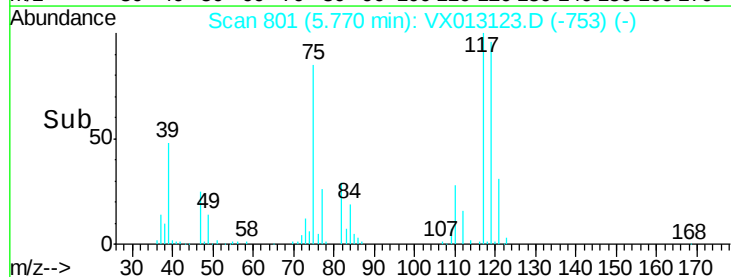
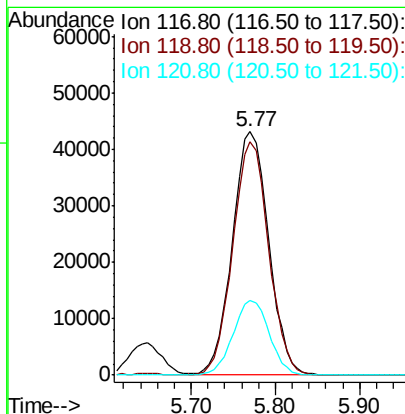


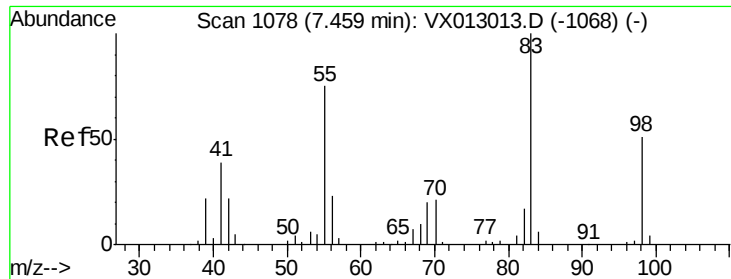
#38
Carbon Tetrachloride
Concen: 58.491 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 117 Resp: 126015
Ion Ratio Lower Upper
117 100
119 96.1 74.5 111.7
121 30.5 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

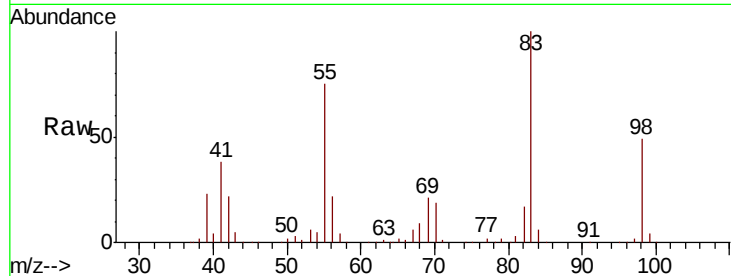




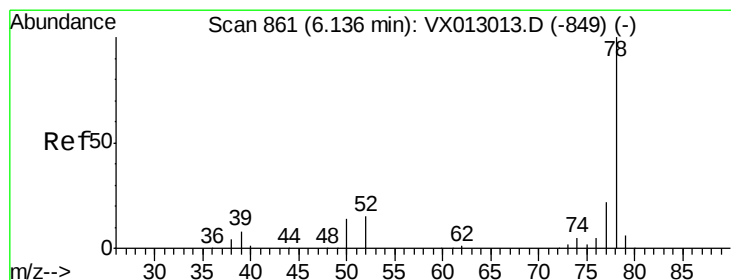
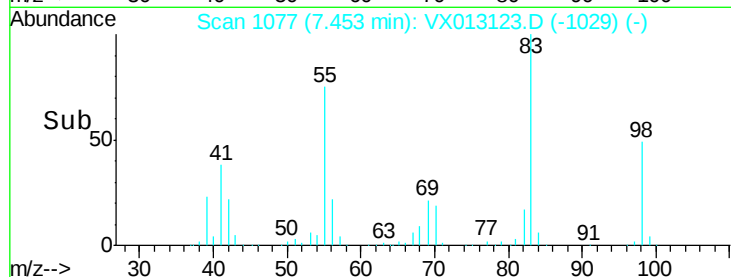
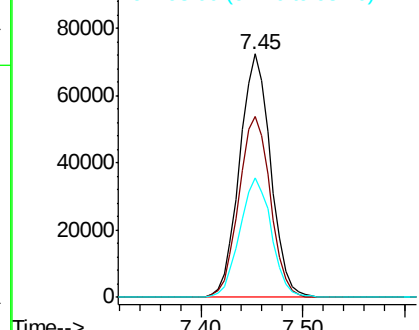
#39
Methvlcvclohexane
Concen: 57.045 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 153125
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.4
98 48.8 38.5 57.7

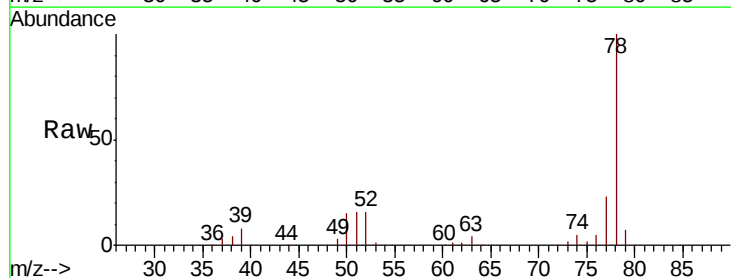


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

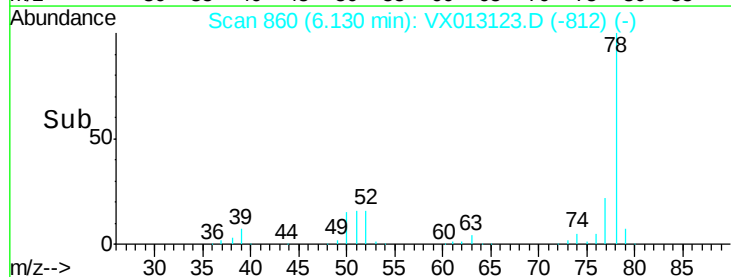
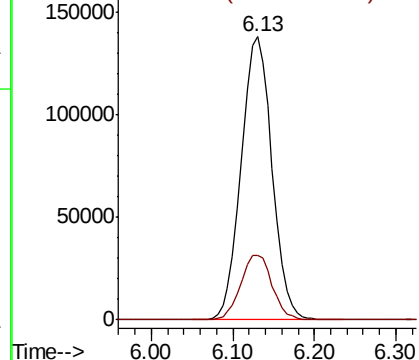


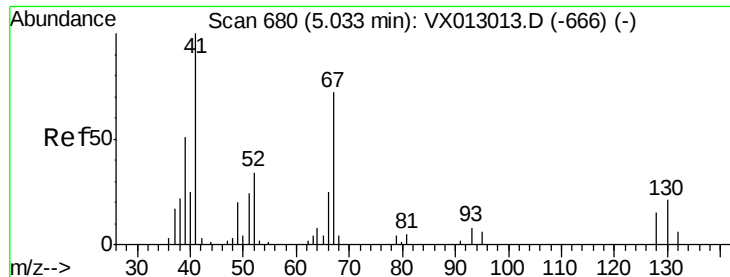
#40
Benzene
Concen: 55.374 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 78 Resp: 362006
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



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





#41

Methacrylonitrile

Concen: 50.829 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 69128

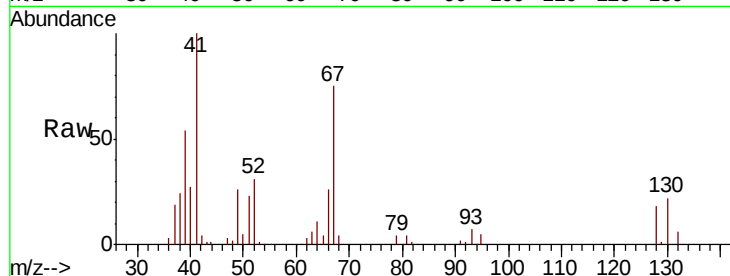
Ion Ratio Lower Upper

41 100

39 54.0 44.0 66.0

67 73.9 58.5 87.7

52 29.5 23.8 35.8

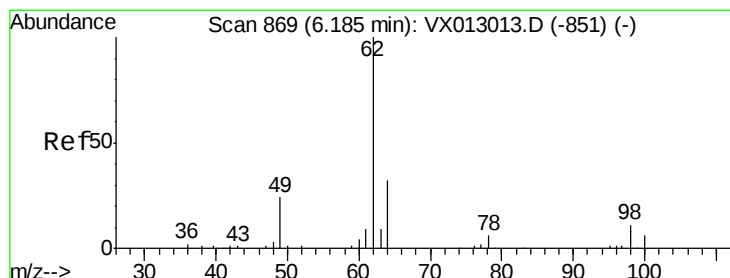
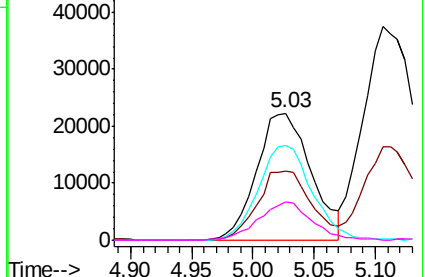
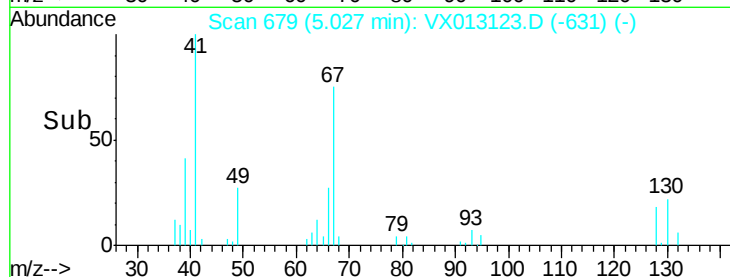


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 56.082 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013123.D

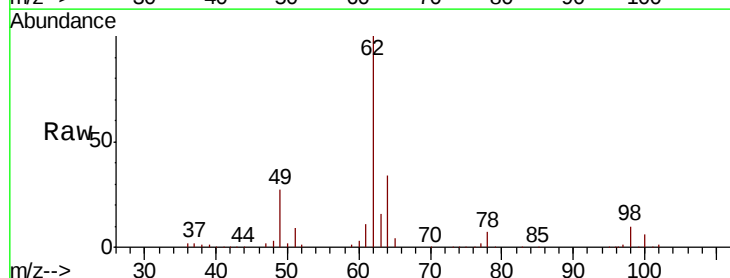
Acq: 18 Oct 2019 13:10

Tgt Ion: 62 Resp: 131559

Ion Ratio Lower Upper

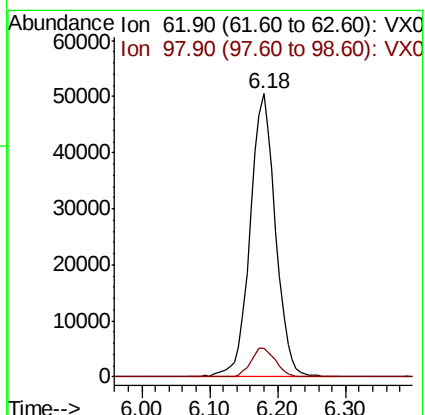
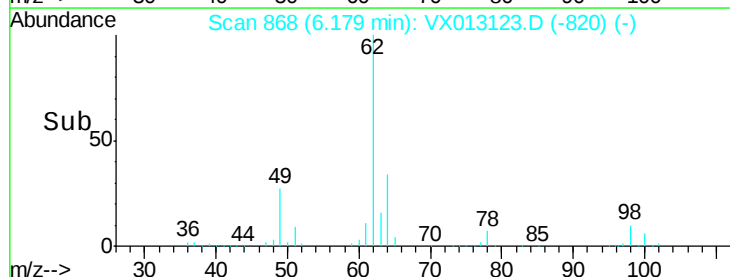
62 100

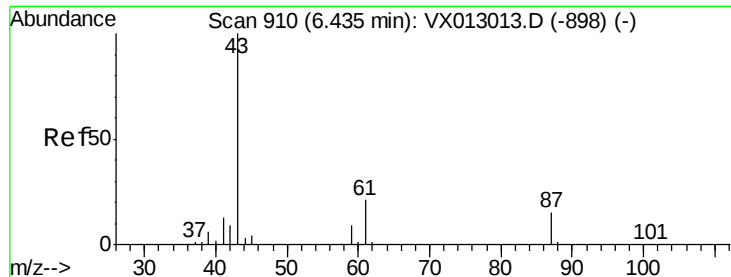
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.393 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

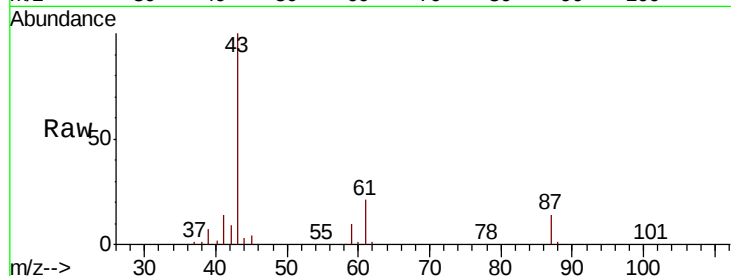
Tot Ion: 43 Resp: 204159

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

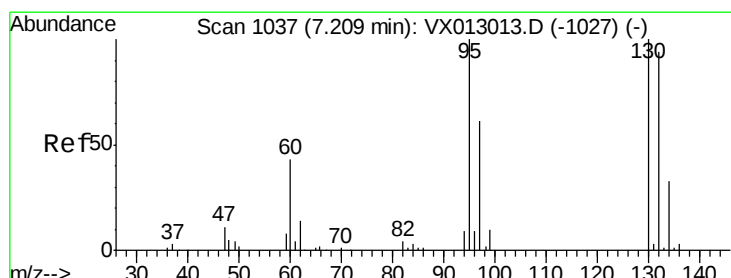
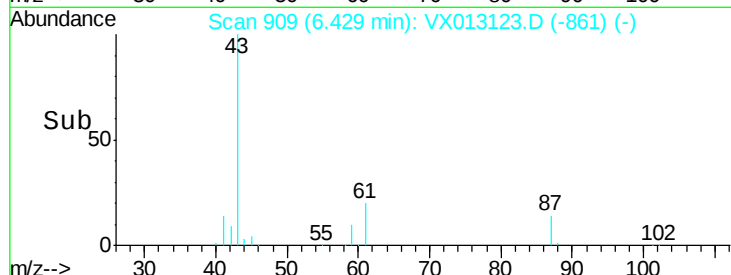
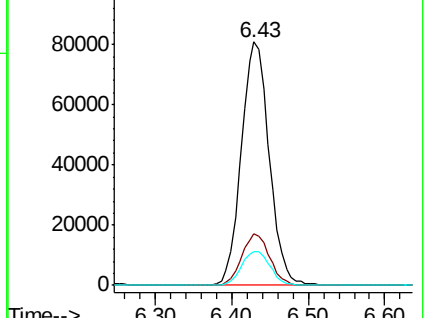
87 14.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 55.162 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013123.D

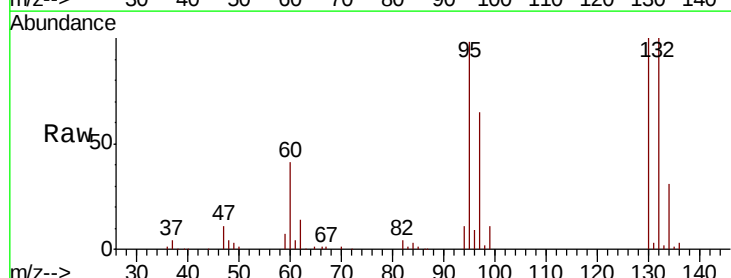
Acq: 18 Oct 2019 13:10

Tgt Ion:130 Resp: 99999

Ion Ratio Lower Upper

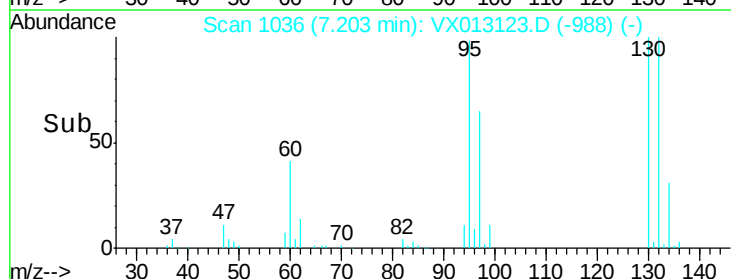
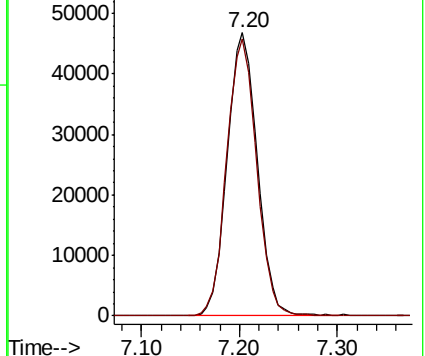
130 100

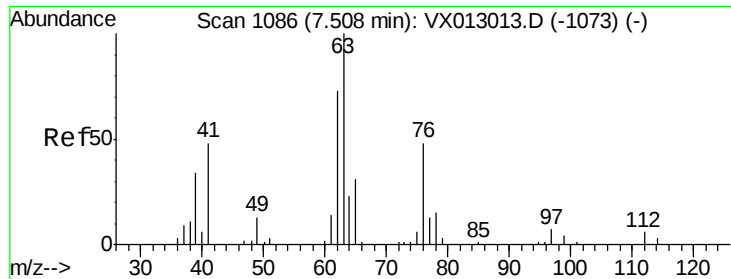
95 97.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

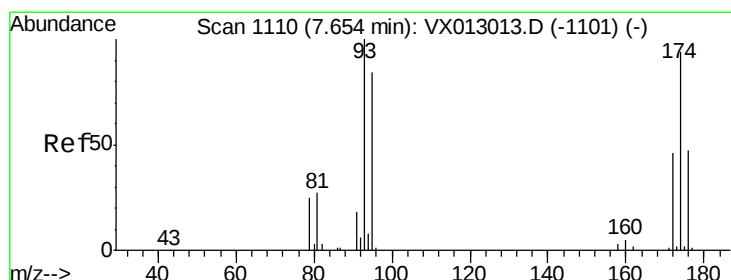
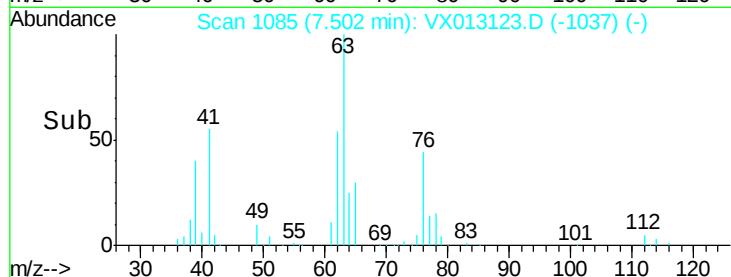
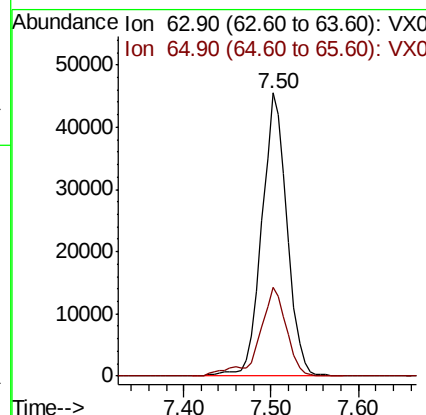
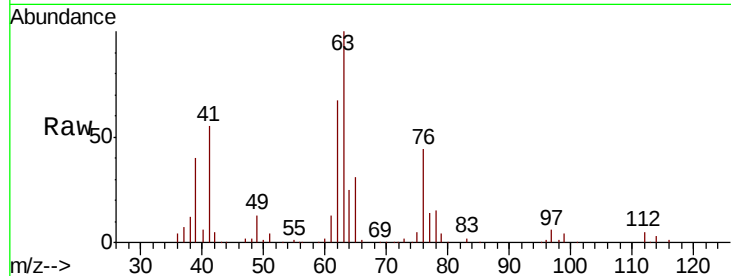




#45
 1,2-Dichloropropane
 Concen: 54.551 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

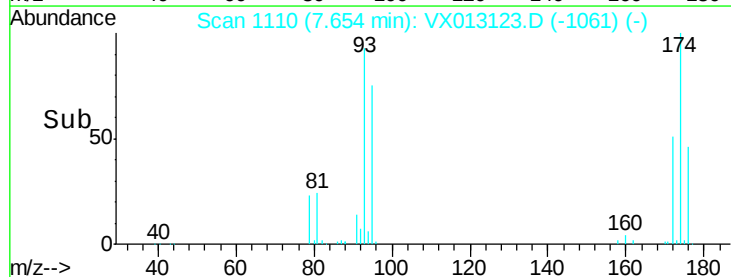
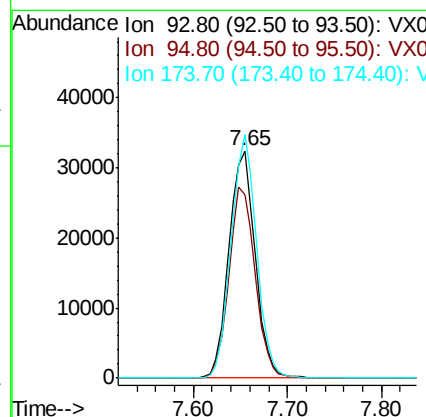
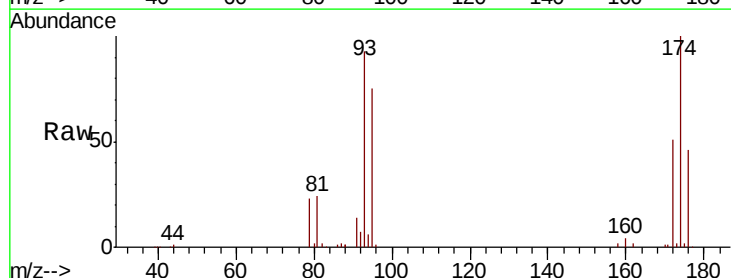
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

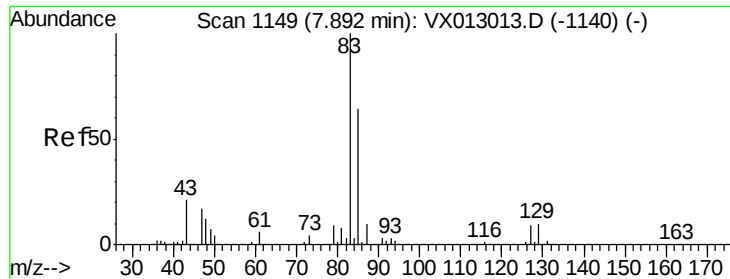
Tot Ion: 63 Resp: 90892
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 37.0



#46
 Dibromomethane
 Concen: 56.706 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 93 Resp: 62949
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.3 99.5
 174 103.8 77.8 116.6





#47

Bromodichloromethane

Concen: 58.932 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

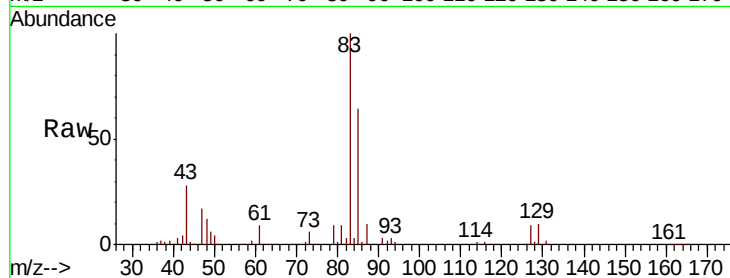
Tot Ion: 83 Resp: 127668

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

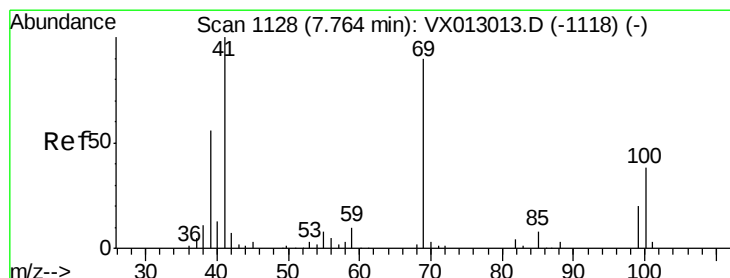
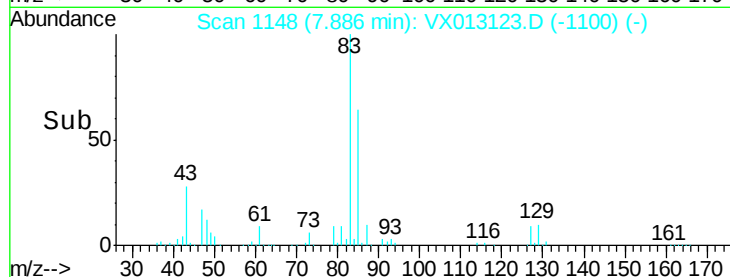
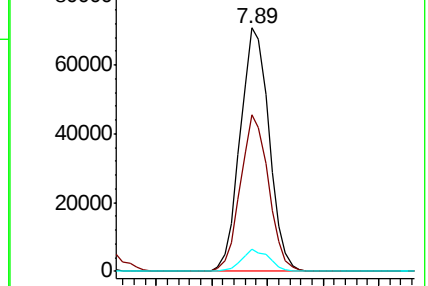
127 9.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.220 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

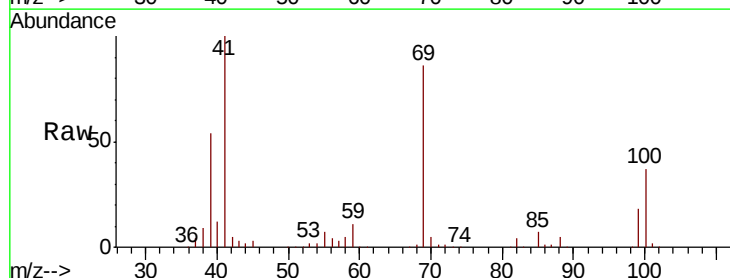
Tgt Ion: 41 Resp: 101091

Ion Ratio Lower Upper

41 100

69 87.7 68.7 103.1

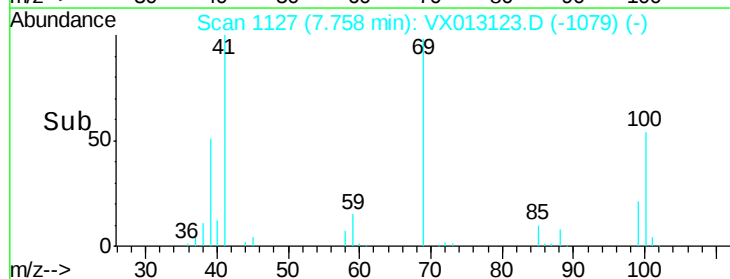
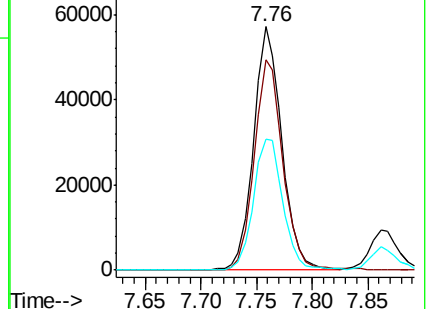
39 56.4 44.3 66.5

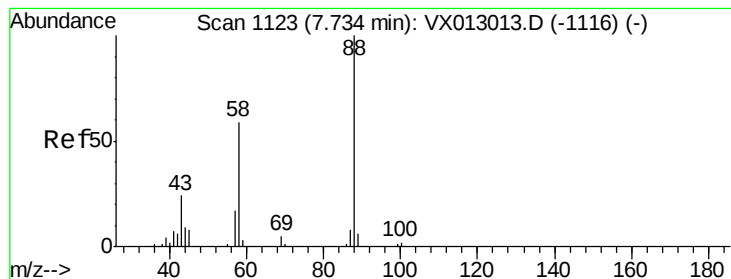


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 895.711 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

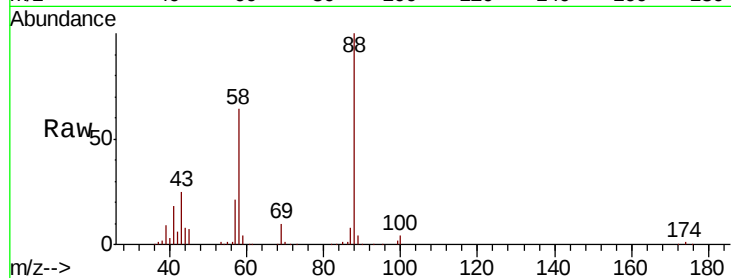
Tot Ion: 88 Resp: 46335

Ion Ratio Lower Upper

88 100

43 31.7 25.0 37.6

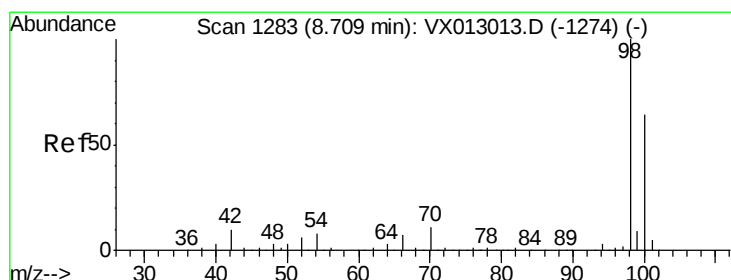
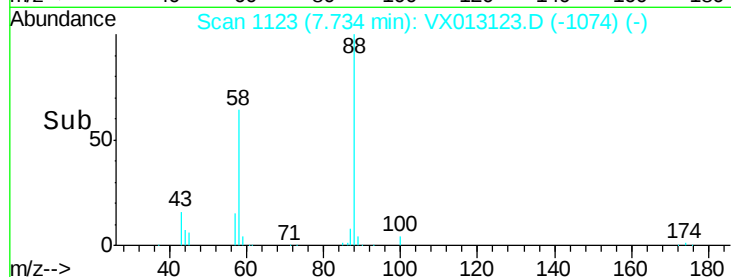
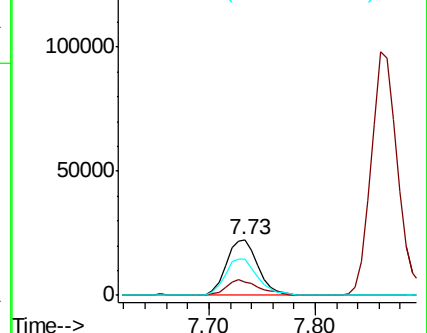
58 68.7 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.072 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013123.D

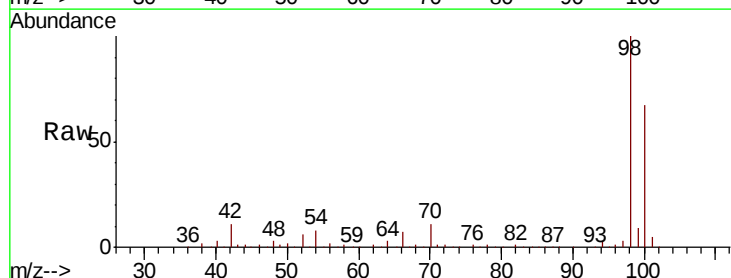
Acq: 18 Oct 2019 13:10

Tgt Ion: 98 Resp: 282186

Ion Ratio Lower Upper

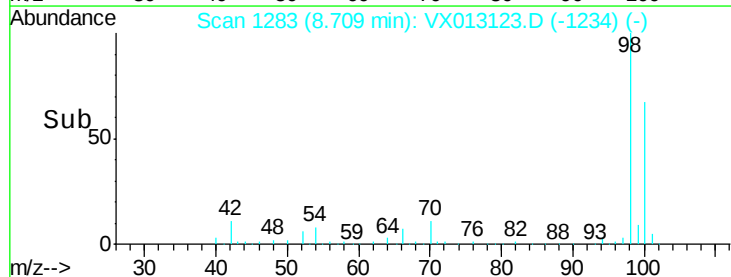
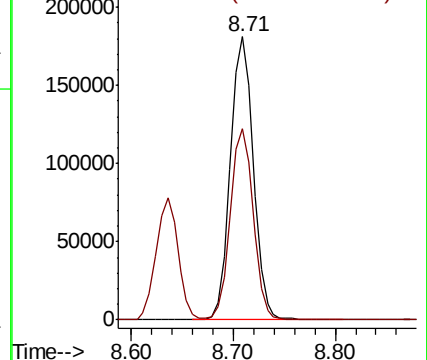
98 100

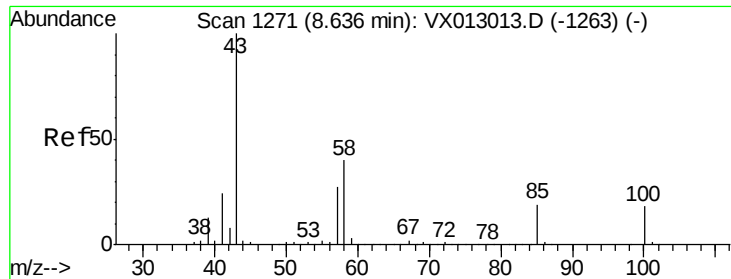
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.164 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

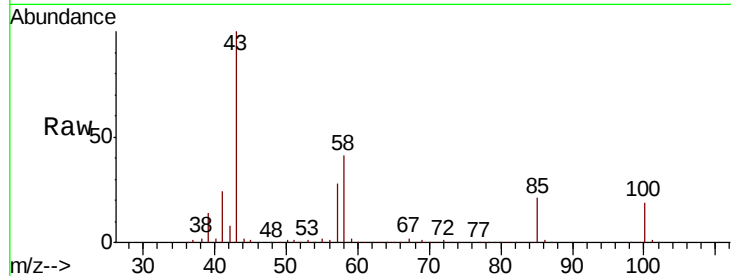
VSTDCCC050

Tot Ion: 43 Resp: 634462

Ion Ratio Lower Upper

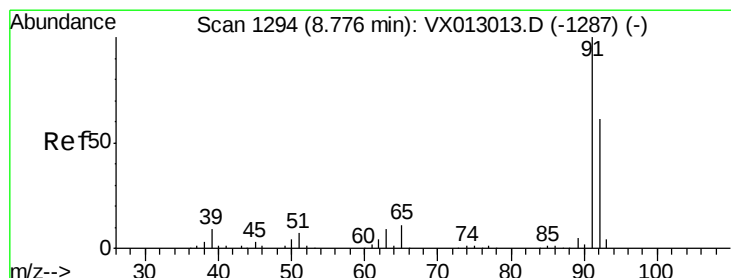
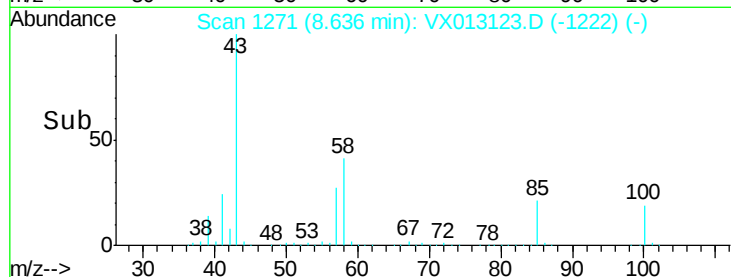
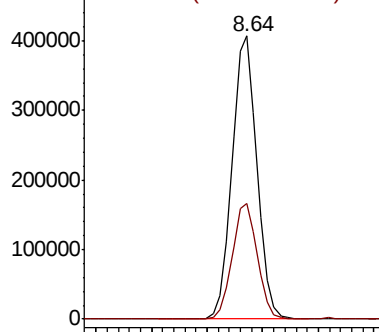
43 100

58 41.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 56.599 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013123.D

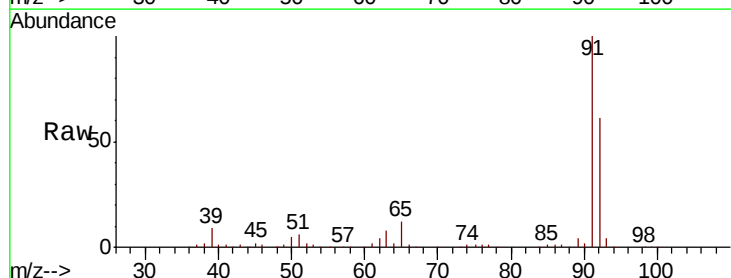
Acq: 18 Oct 2019 13:10

Tgt Ion: 92 Resp: 236716

Ion Ratio Lower Upper

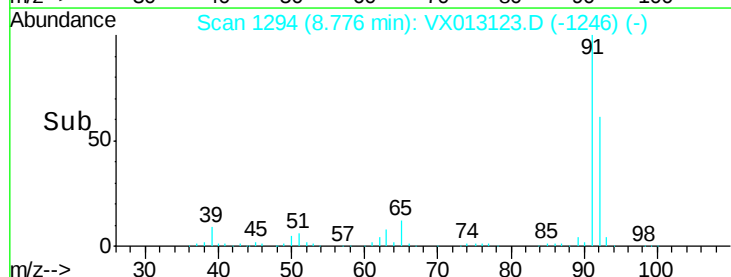
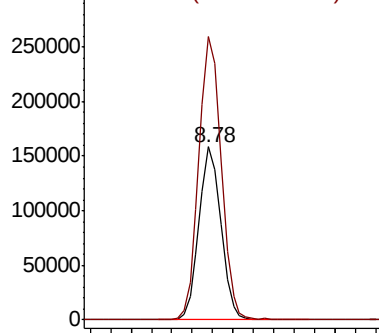
92 100

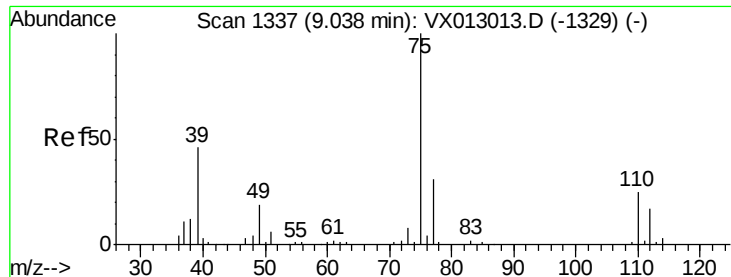
91 167.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

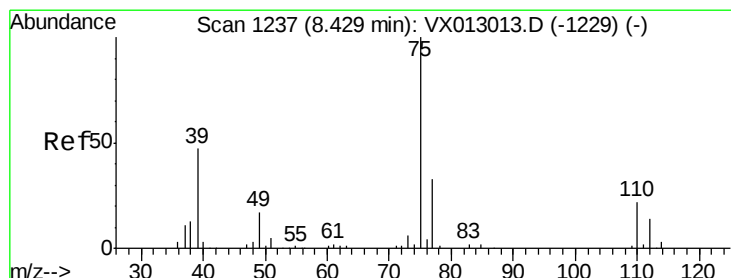
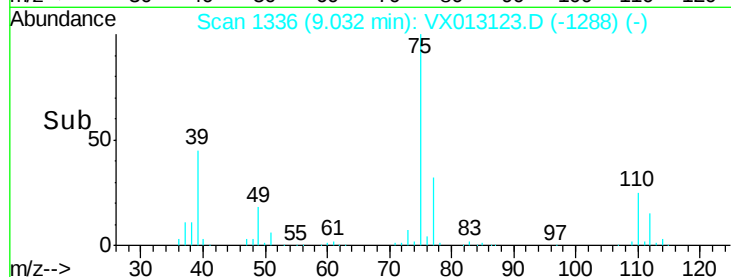
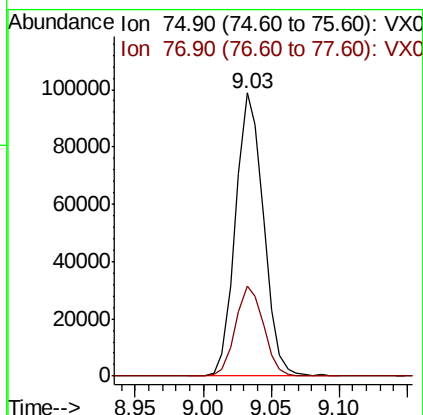
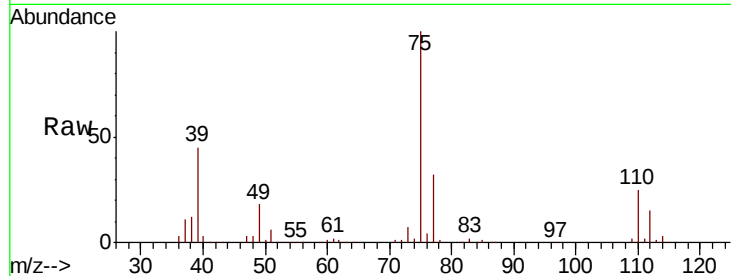




#53
 t-1,3-Dichloropropene
 Concen: 52.323 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

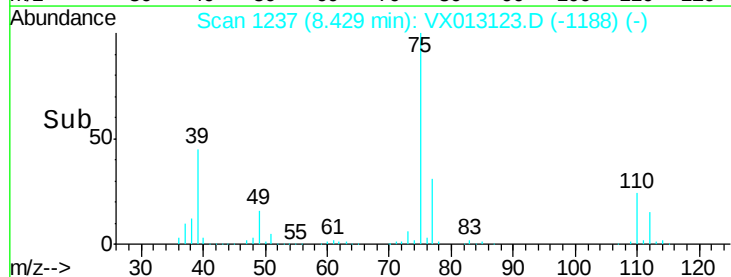
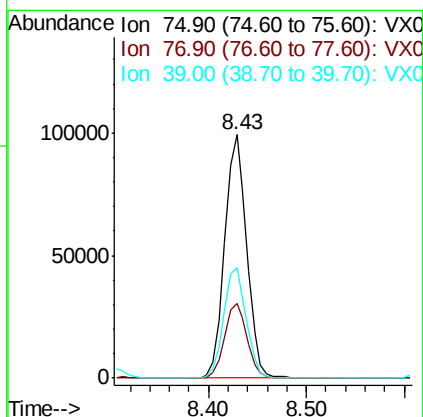
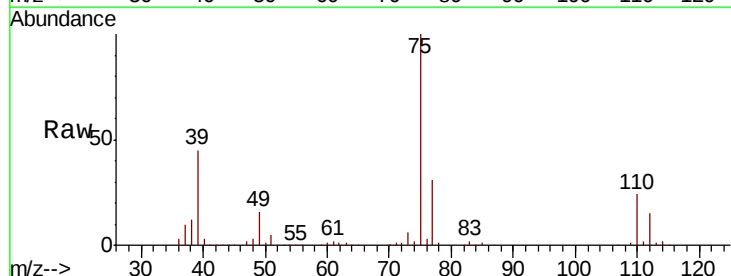
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

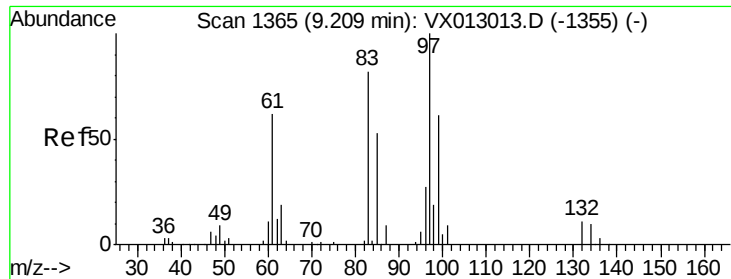
Tot Ion: 75 Resp: 141743
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 58.103 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 75 Resp: 154812
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8
 39 45.3 38.2 57.2

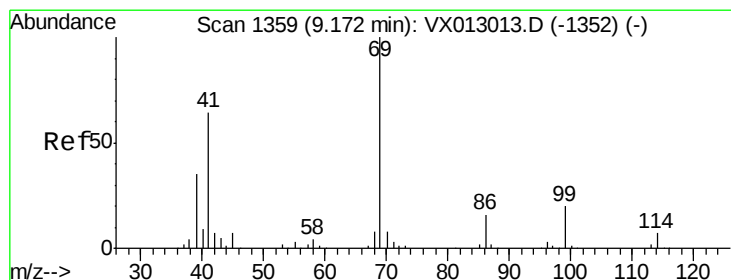
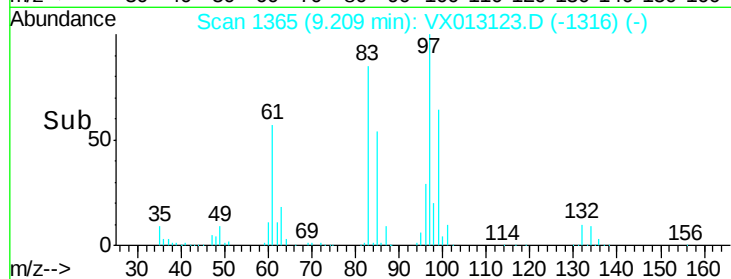
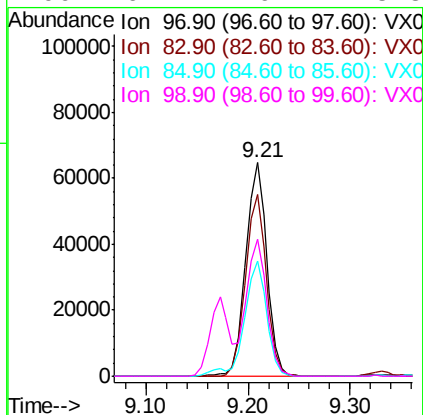
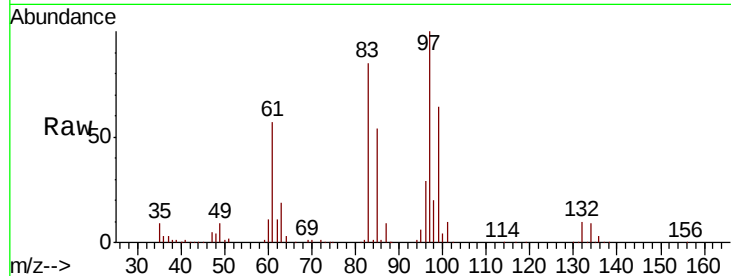




#55
 1,1,2-Trichloroethane
 Concen: 56.267 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

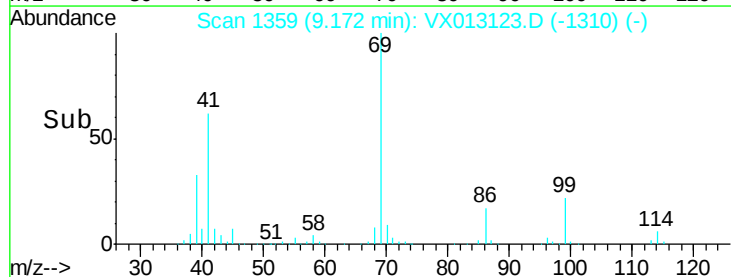
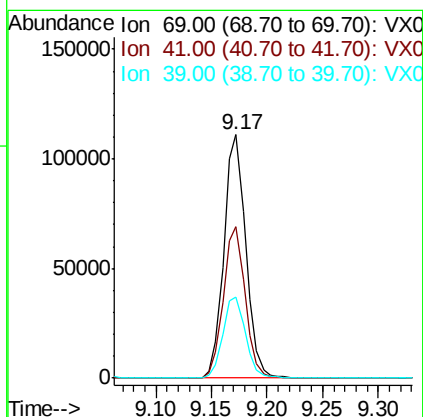
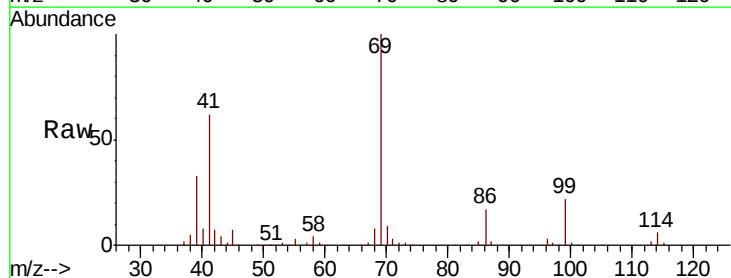
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

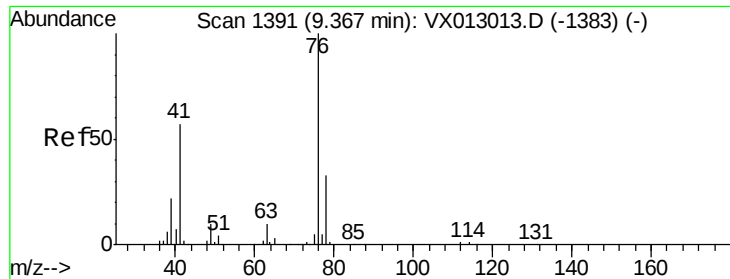
Tot Ion:	97	Resp:	93130
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.5	99.7
85	54.2	43.1	64.7
99	64.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 51.000 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion:	69	Resp:	151269
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.1	78.1
39	34.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 54.612 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

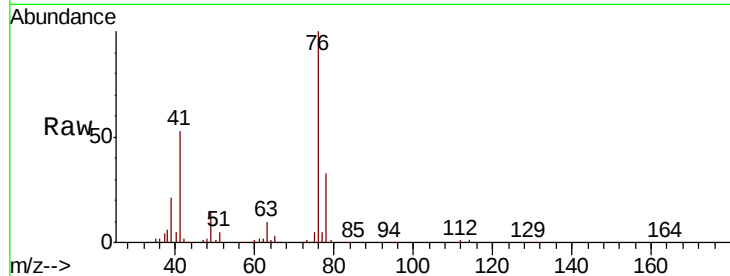
VSTDCCC050

Tot Ion: 76 Resp: 156359

Ion Ratio Lower Upper

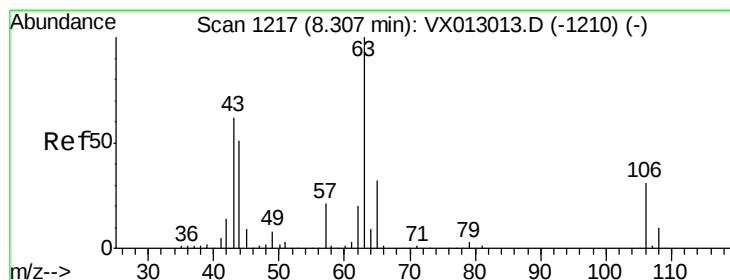
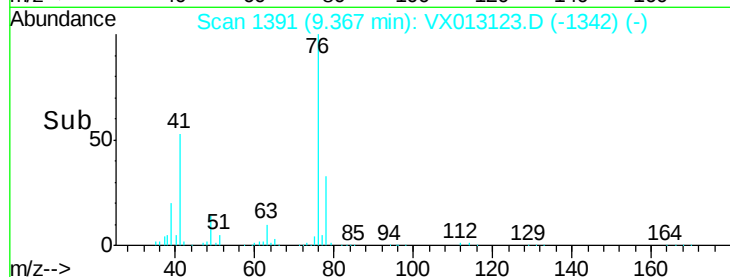
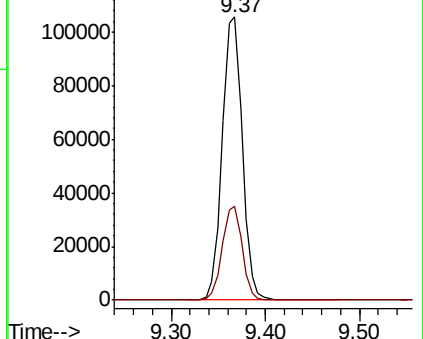
76 100

78 33.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 260.028 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013123.D

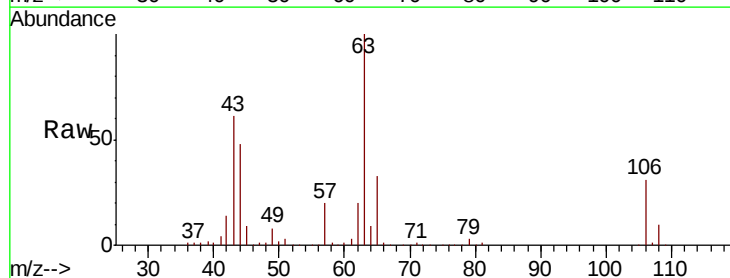
Acq: 18 Oct 2019 13:10

Tgt Ion: 63 Resp: 316168

Ion Ratio Lower Upper

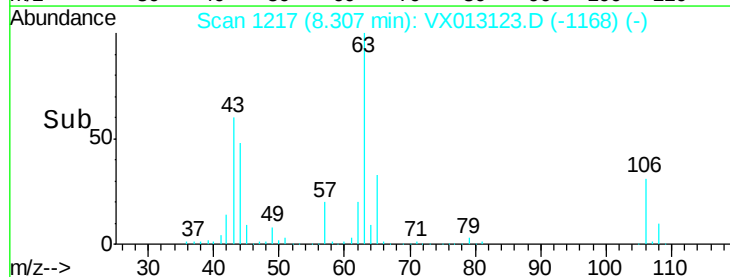
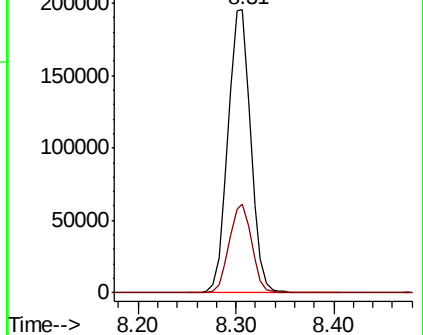
63 100

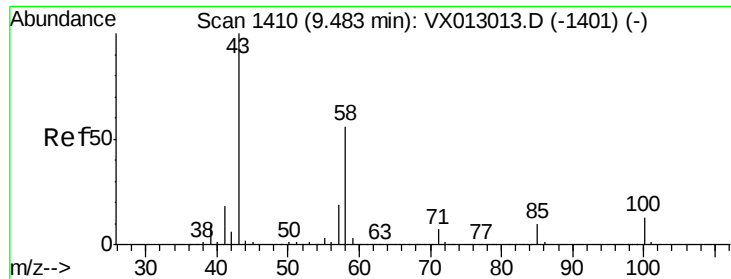
106 31.0 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

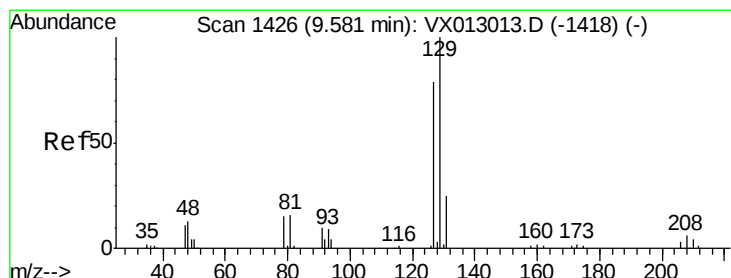
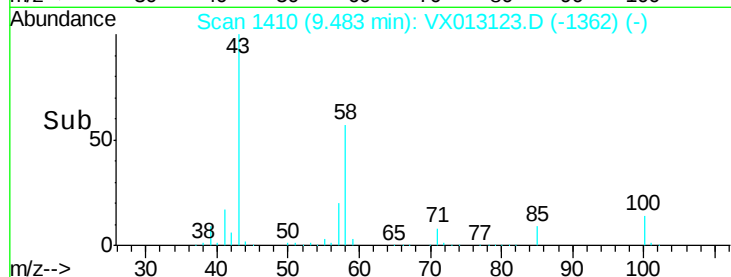
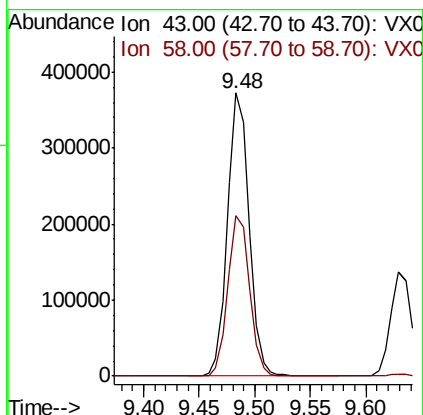
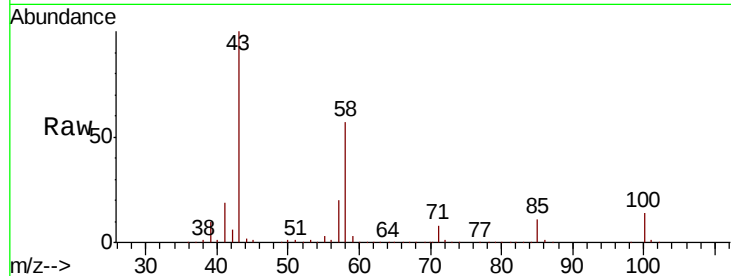




#59
2-Hexanone
Concen: 260.081 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

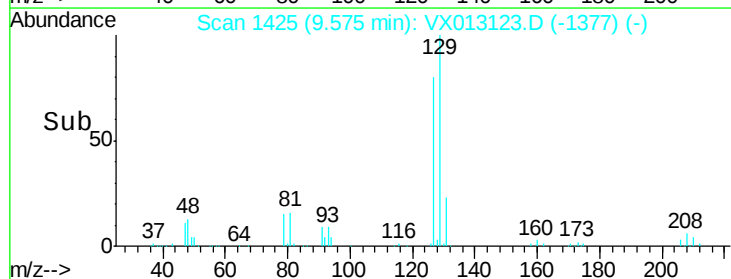
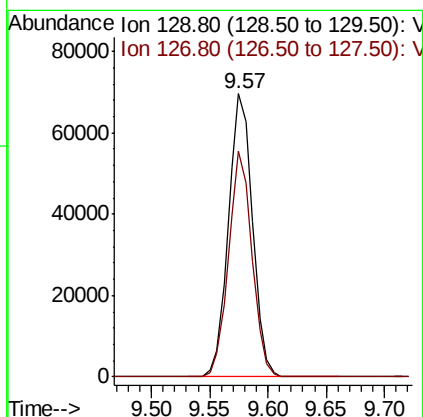
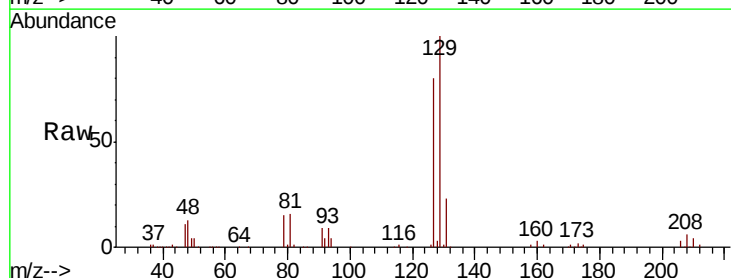
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

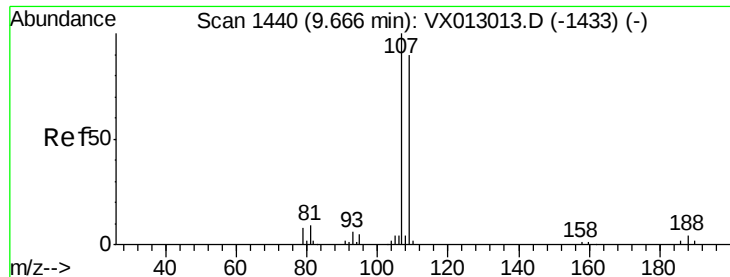
Tot Ion: 43 Resp: 501440
Ion Ratio Lower Upper
43 100
58 57.7 28.1 84.3



#60
Dibromochloromethane
Concen: 54.144 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 129 Resp: 100022
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 57.080 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

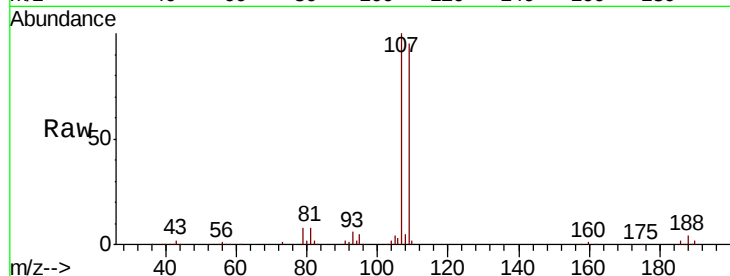
VSTDCCC050

Tot Ion:107 Resp: 99384

Ion Ratio Lower Upper

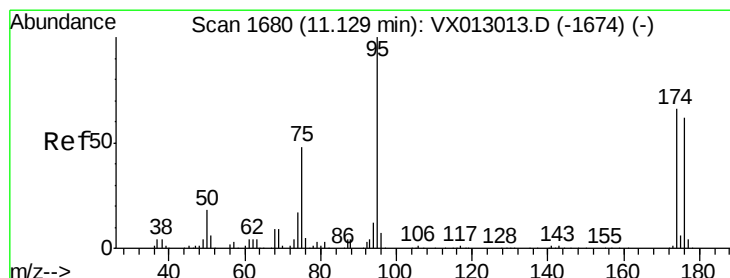
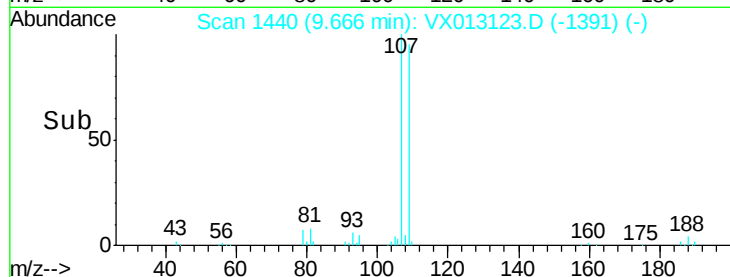
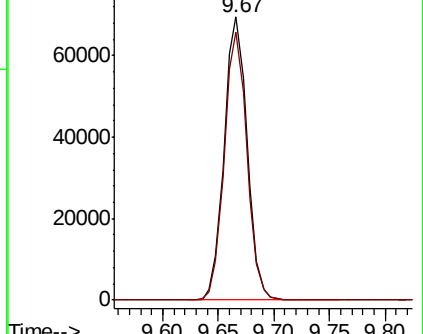
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.291 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

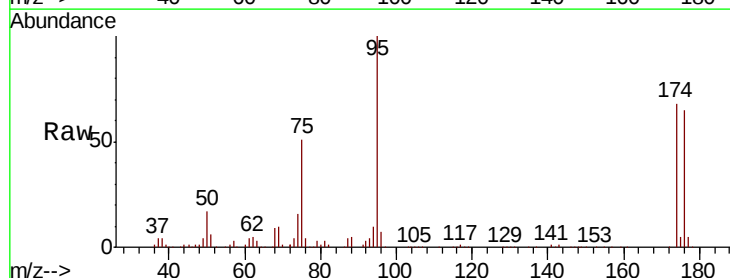
Tgt Ion: 95 Resp: 114504

Ion Ratio Lower Upper

95 100

174 75.7 0.0 143.4

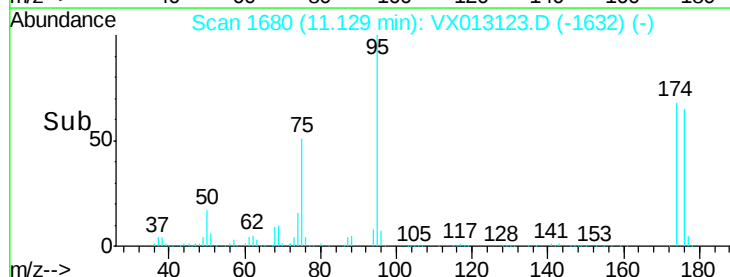
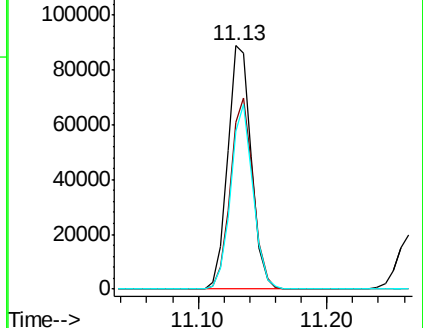
176 71.5 0.0 136.0

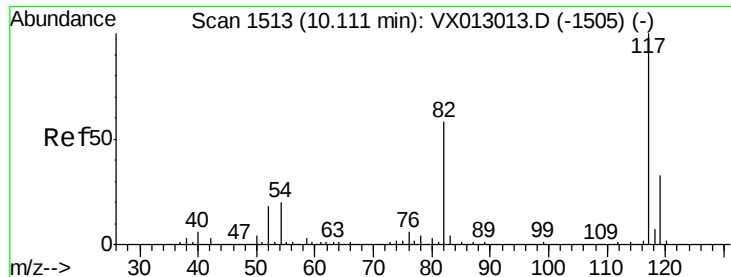


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

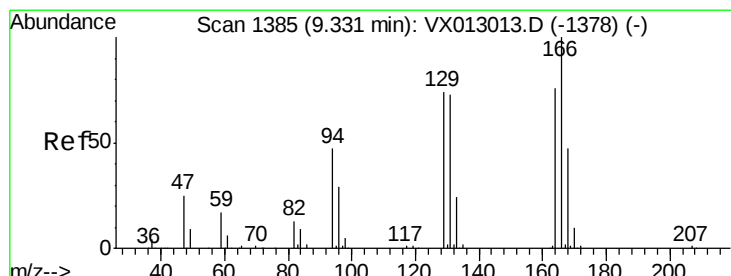
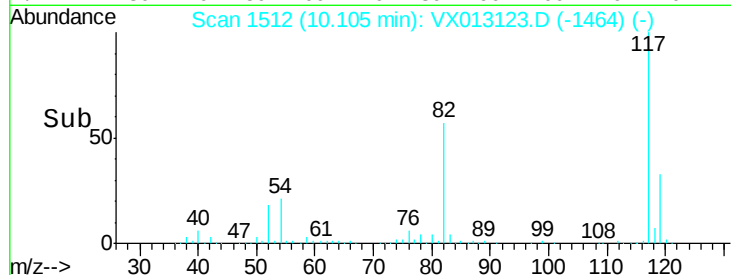
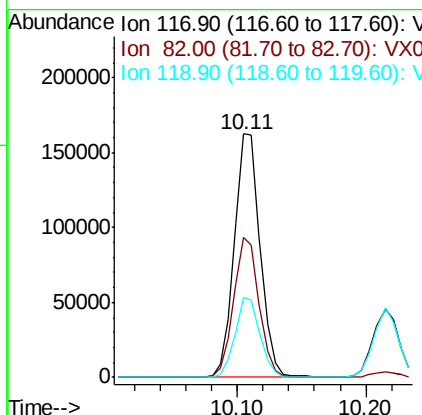
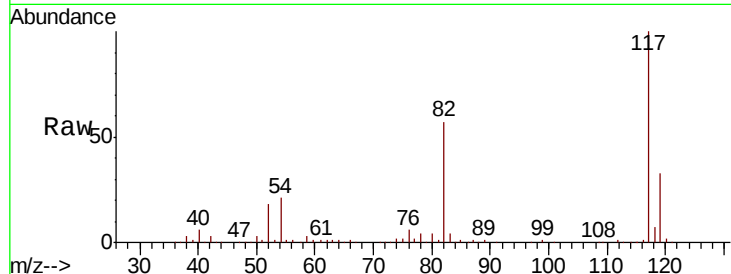




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

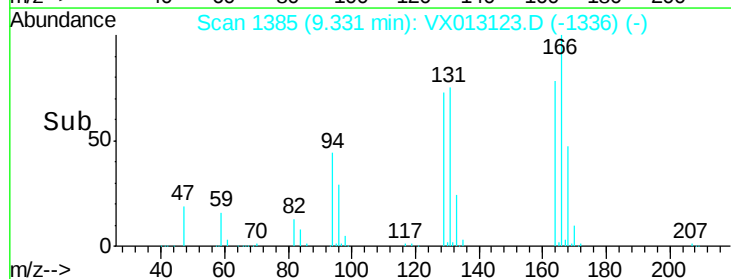
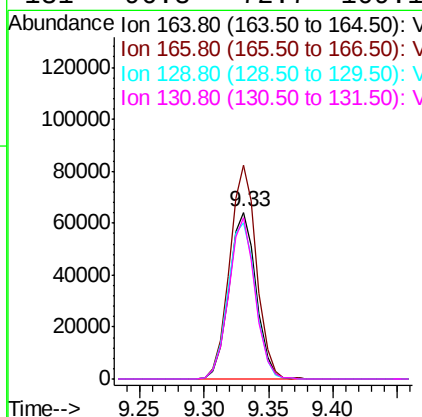
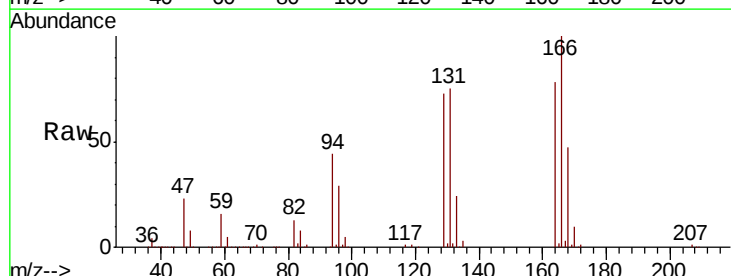
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

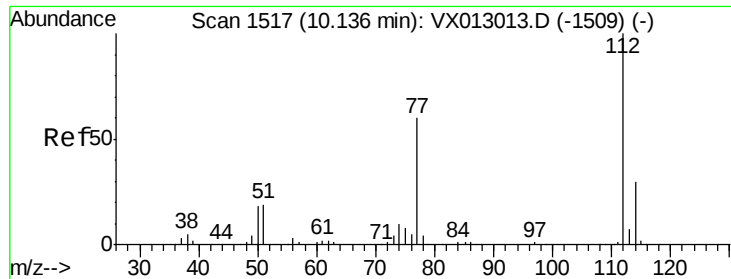
Tot Ion:117 Resp: 227098
Ion Ratio Lower Upper
117 100
82 57.4 44.1 66.1
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 59.707 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion:164 Resp: 94047
Ion Ratio Lower Upper
164 100
166 128.2 96.9 145.3
129 93.7 77.9 116.9
131 96.8 72.7 109.1

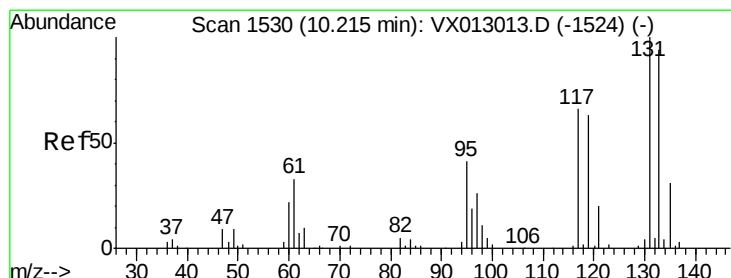
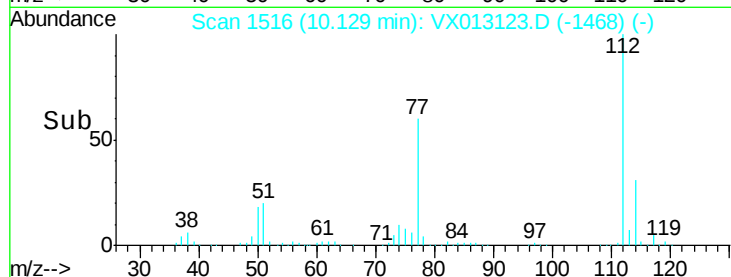
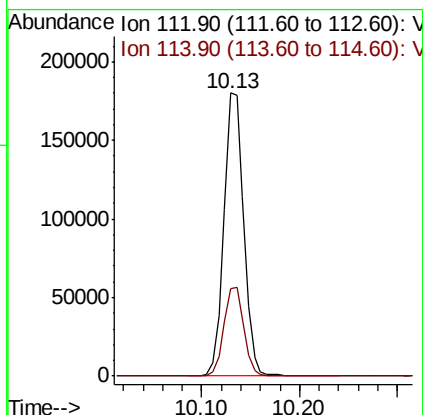
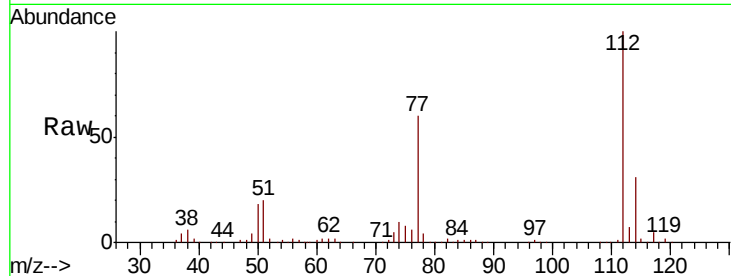




#65
Chlorobenzene
Concen: 56.140 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

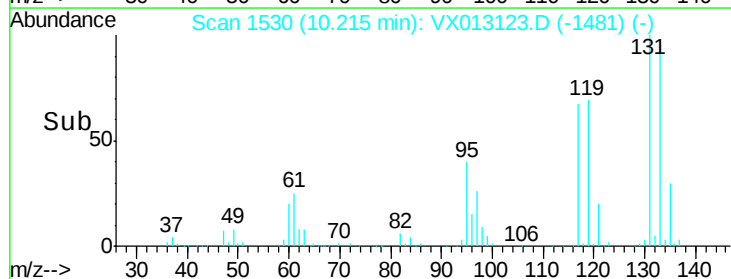
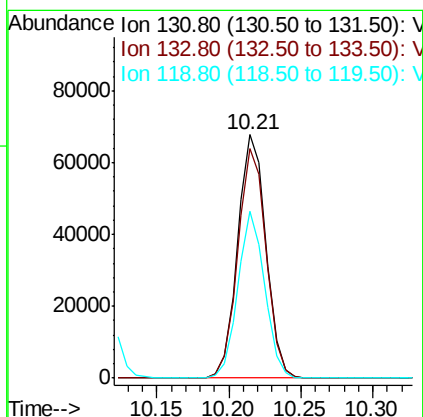
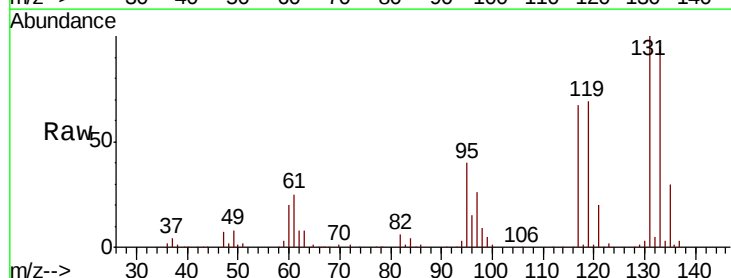
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

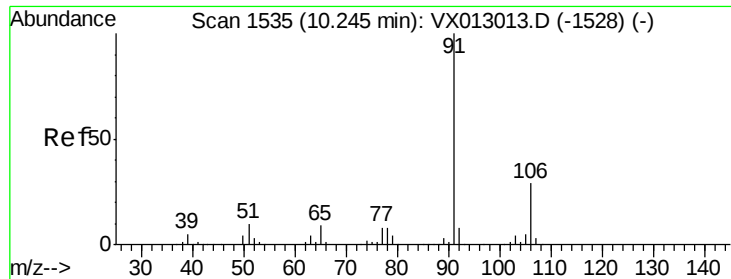
Tot Ion:112 Resp: 253181
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.078 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion:131 Resp: 92377
Ion Ratio Lower Upper
131 100
133 94.3 47.2 141.6
119 65.2 32.6 98.0

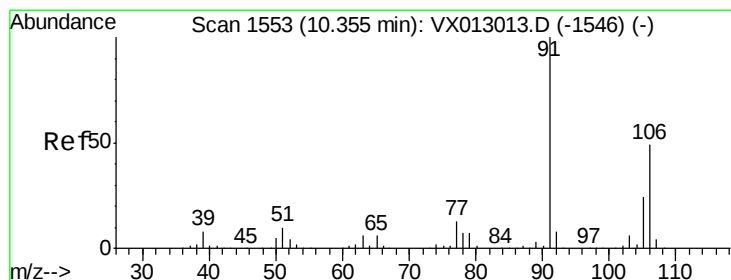
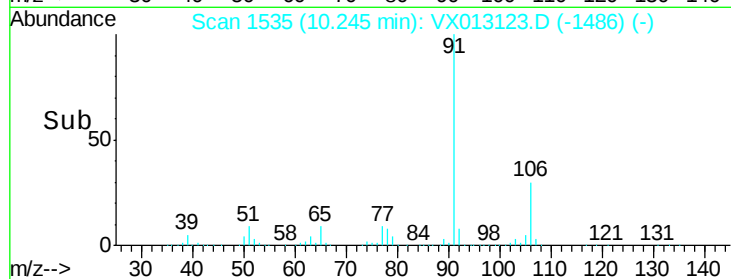
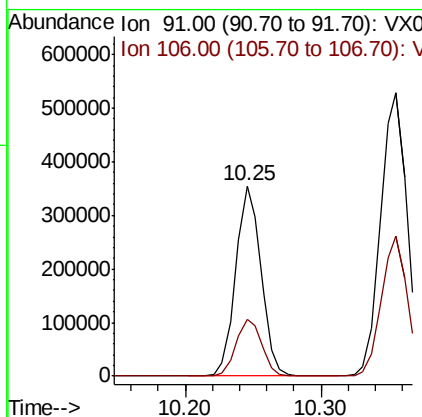
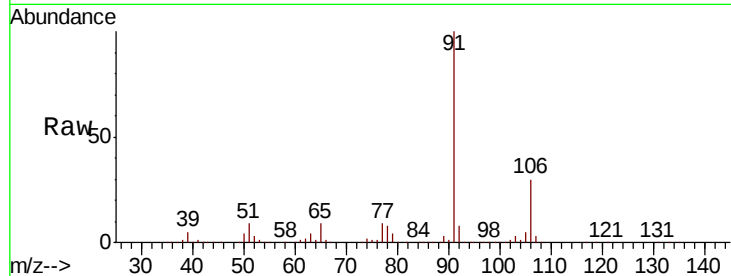




#67
Ethyl Benzene
Concen: 57.223 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

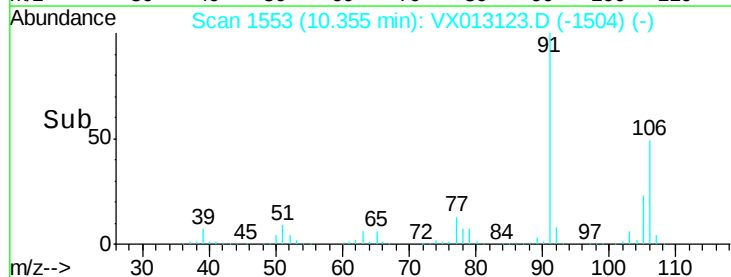
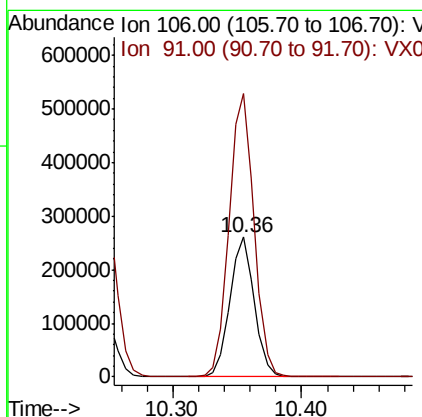
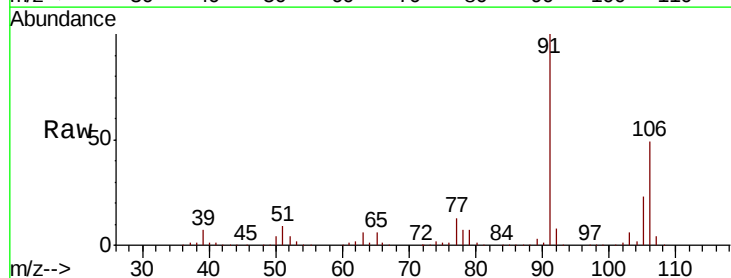
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

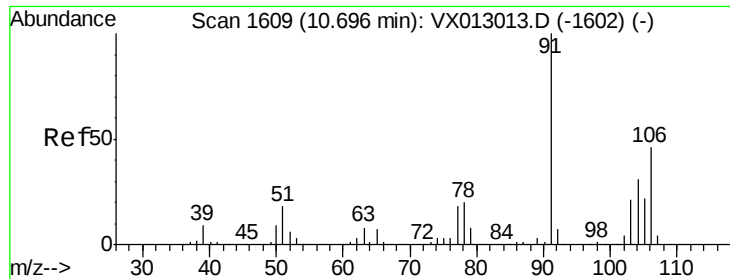
Tot Ion: 91 Resp: 458401
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9



#68
m/p-Xylenes
Concen: 115.418 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 106 Resp: 345406
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9

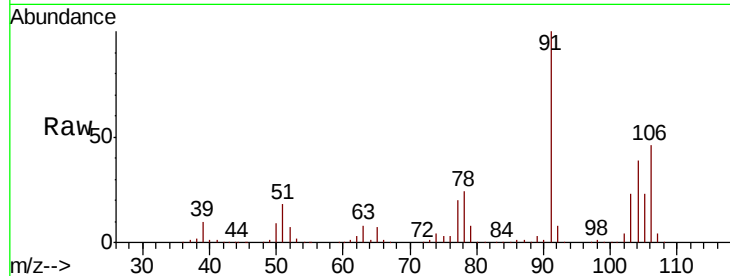




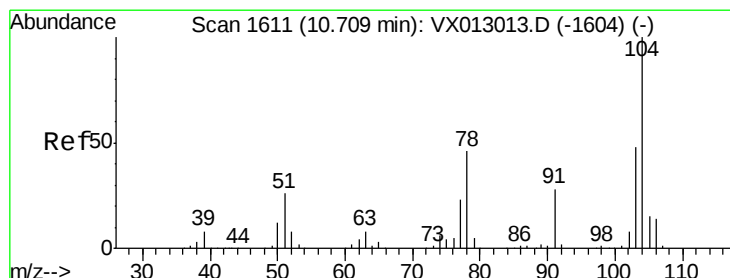
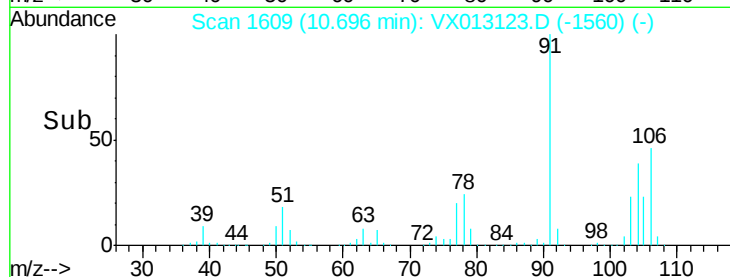
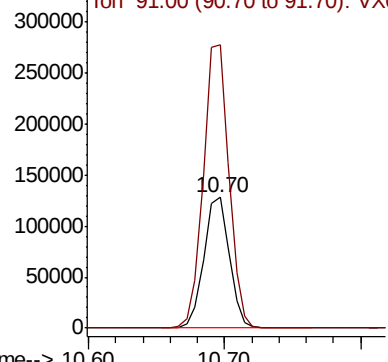
#69
o-Xylene
Concen: 57.094 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 166621
Ion Ratio Lower Upper
106 100
91 217.8 109.1 327.3

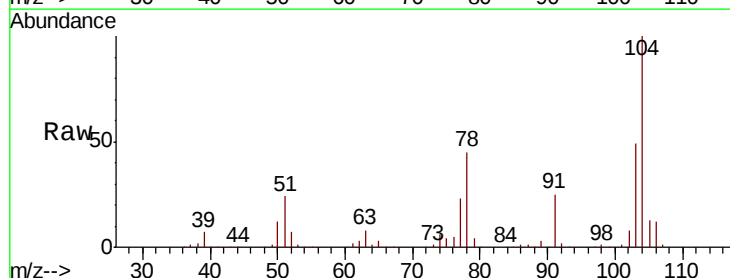


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

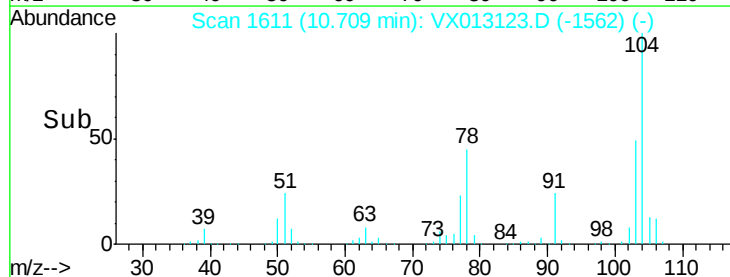
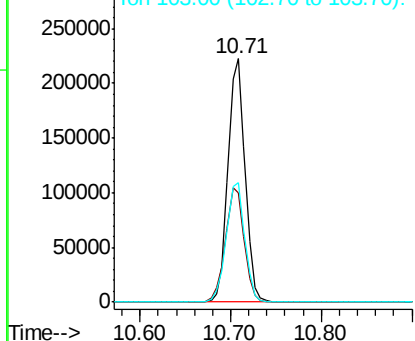


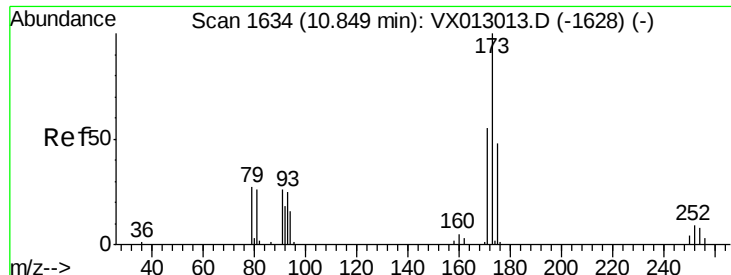
#70
Styrene
Concen: 58.708 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion:104 Resp: 291266
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 53.3 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.266 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

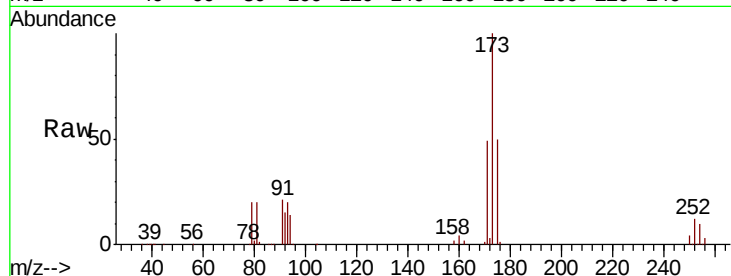
Tot Ion:173 Resp: 71245

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.3

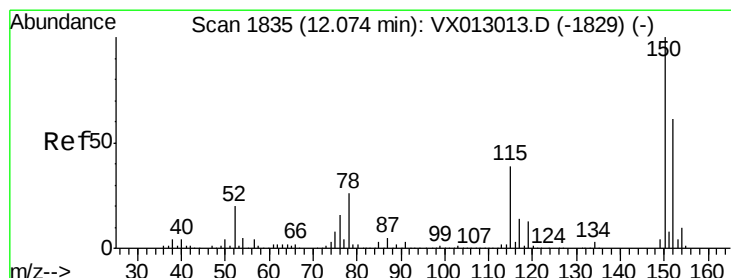
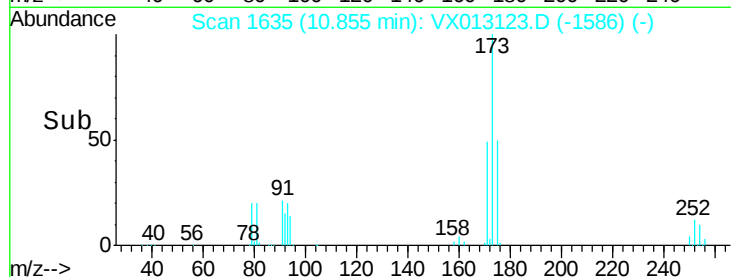
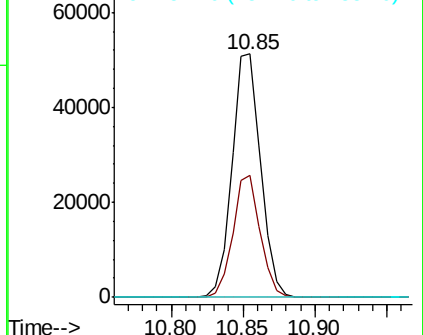
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

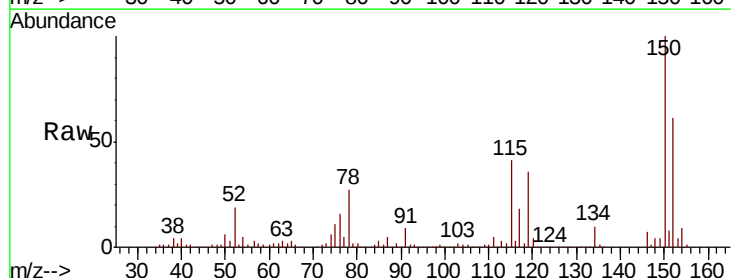
Tgt Ion:152 Resp: 110991

Ion Ratio Lower Upper

152 100

115 88.2 44.5 133.5

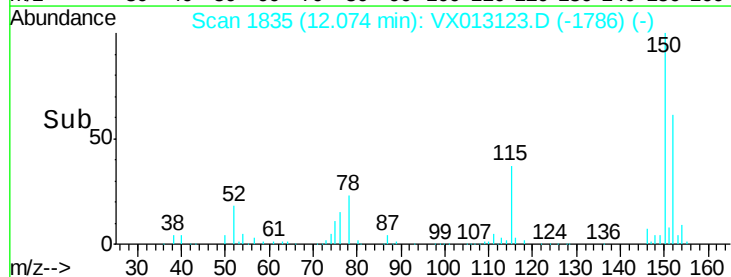
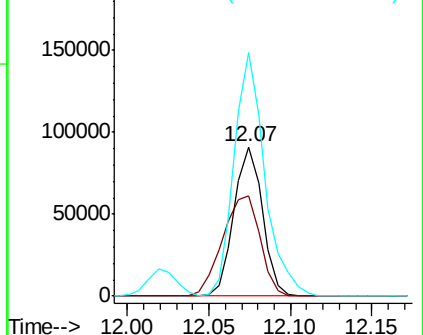
150 176.1 0.0 353.4

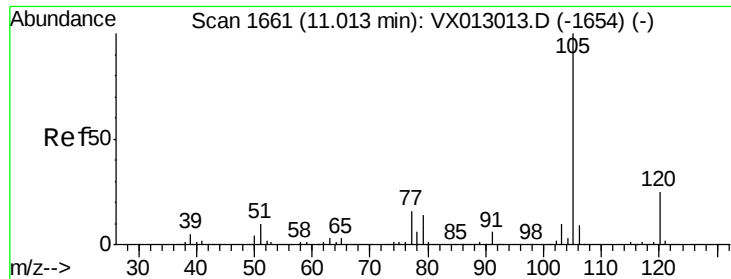


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

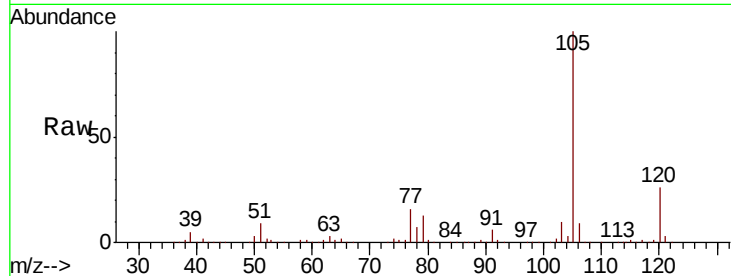
VSTDCCC050

Tot Ion:105 Resp: 448842

Ion Ratio Lower Upper

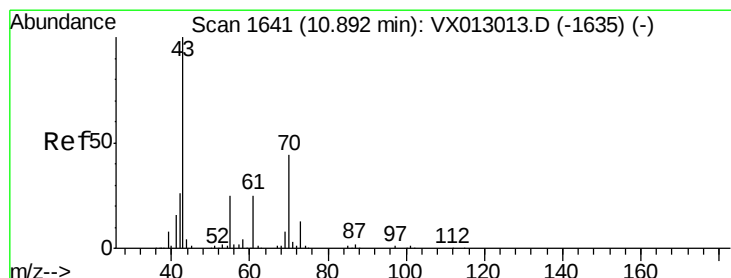
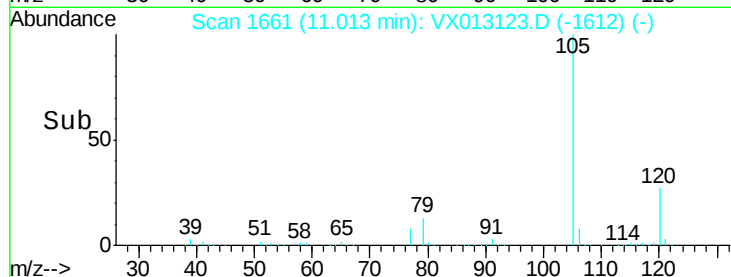
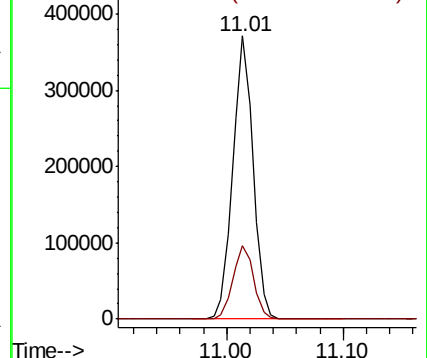
105 100

120 26.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.000 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion: 43 Resp: 182751

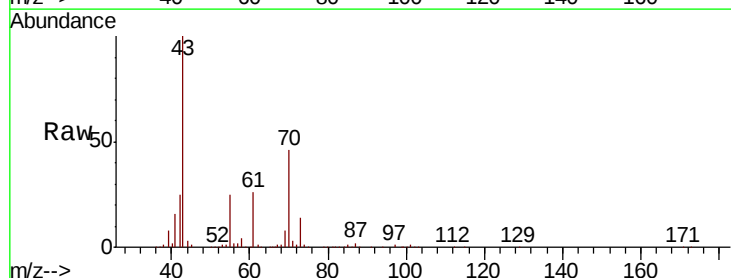
Ion Ratio Lower Upper

43 100

70 47.0 36.4 54.6

55 25.5 20.2 30.2

61 26.0 20.5 30.7

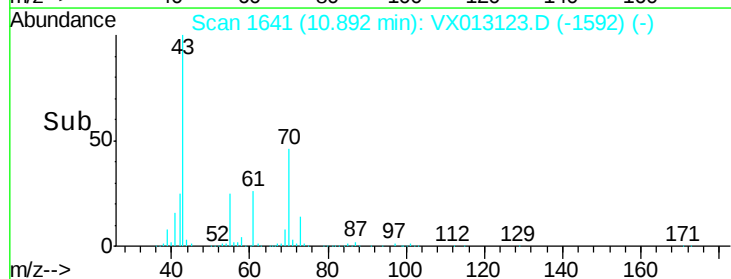
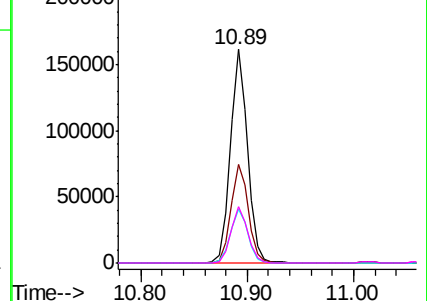


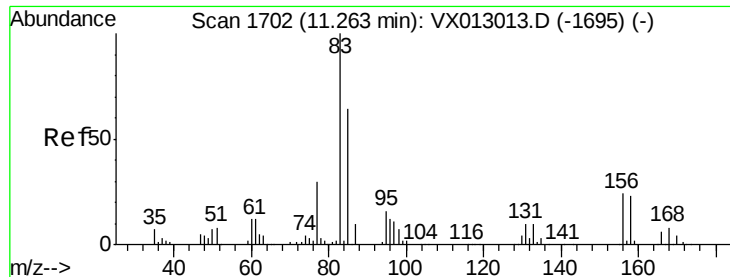
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.631 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

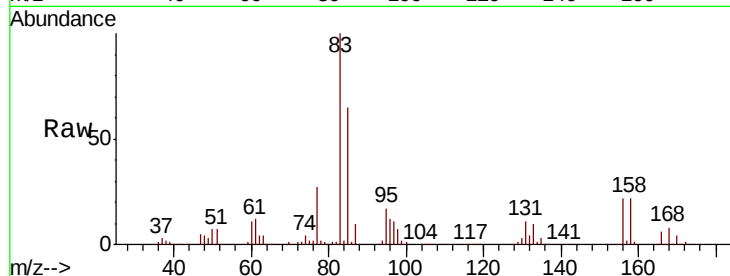
Tot Ion: 83 Resp: 145560

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

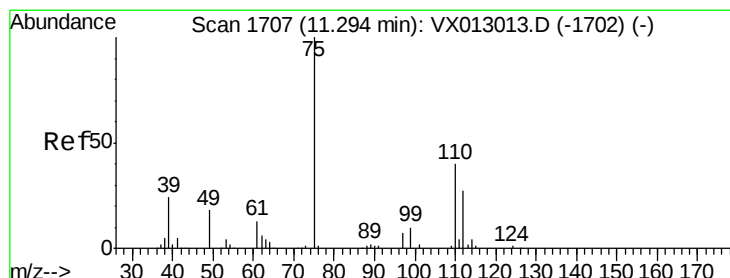
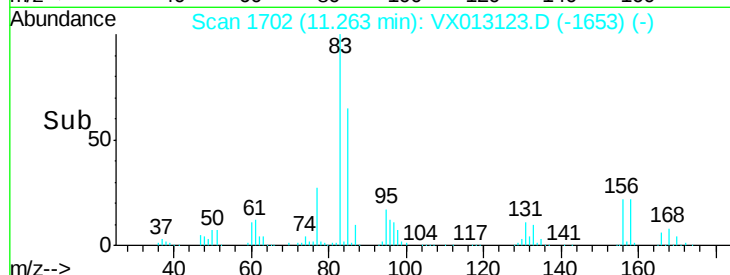
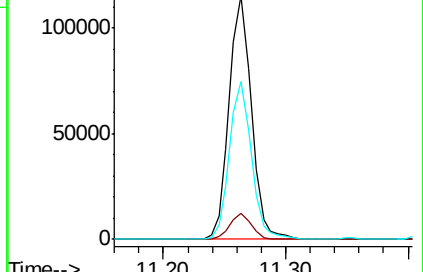
85 64.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.582 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013123.D

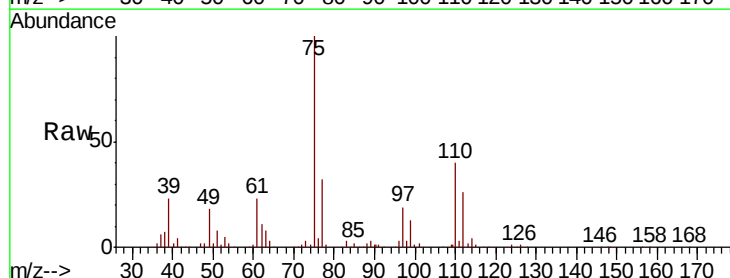
Acq: 18 Oct 2019 13:10

Tgt Ion: 75 Resp: 168833

Ion Ratio Lower Upper

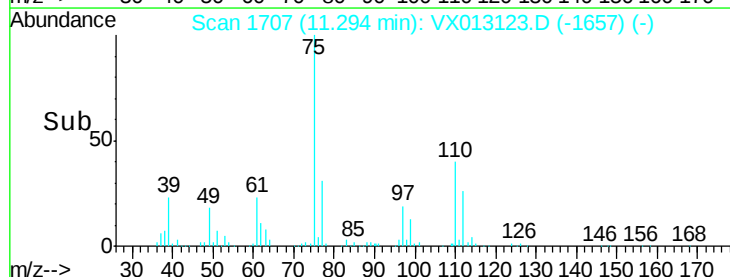
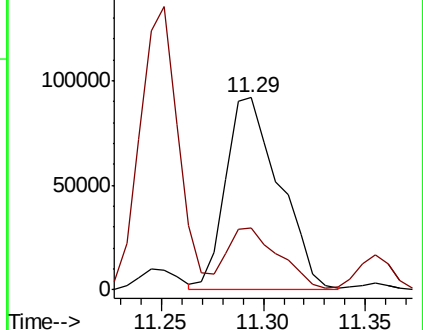
75 100

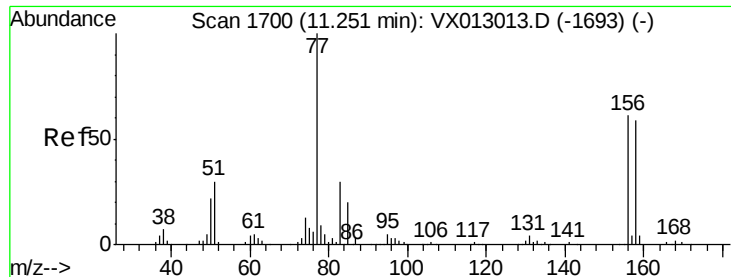
77 30.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 56.393 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

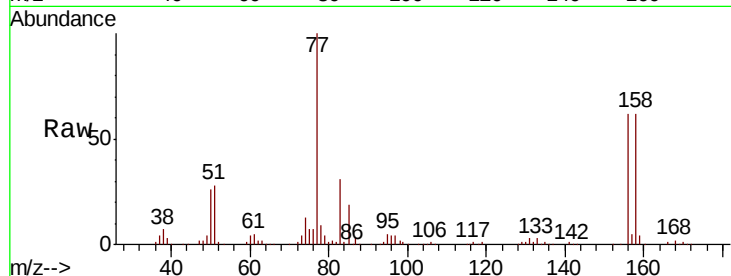
Tot Ion:156 Resp: 108440

Ion Ratio Lower Upper

156 100

77 163.1 83.7 251.0

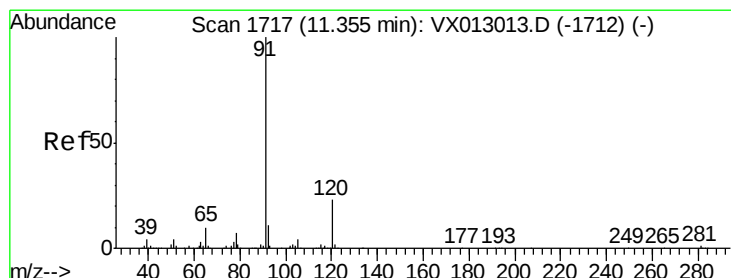
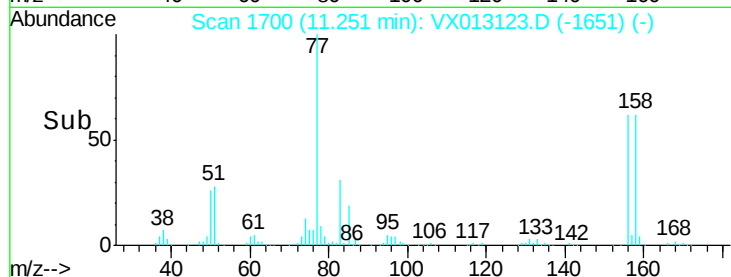
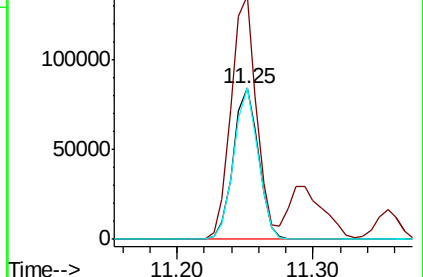
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.002 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013123.D

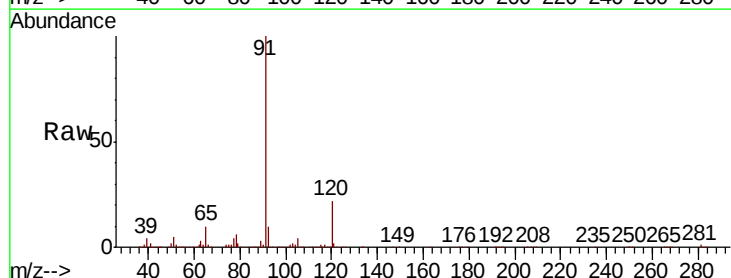
Acq: 18 Oct 2019 13:10

Tgt Ion: 91 Resp: 511838

Ion Ratio Lower Upper

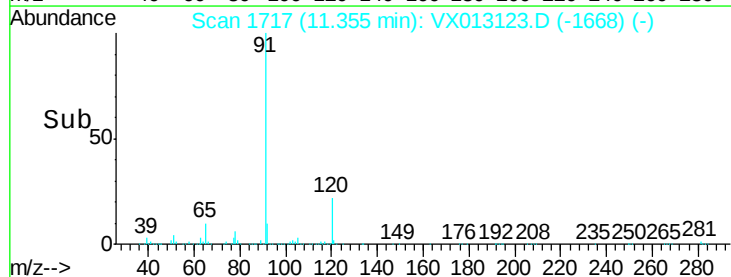
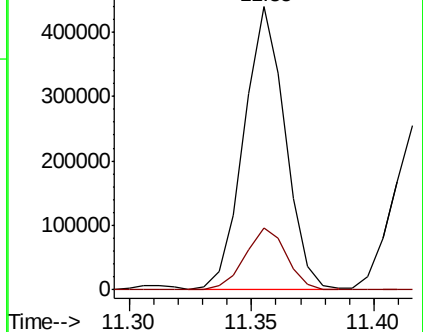
91 100

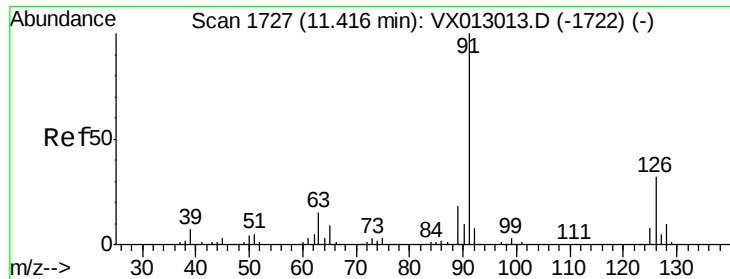
120 22.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

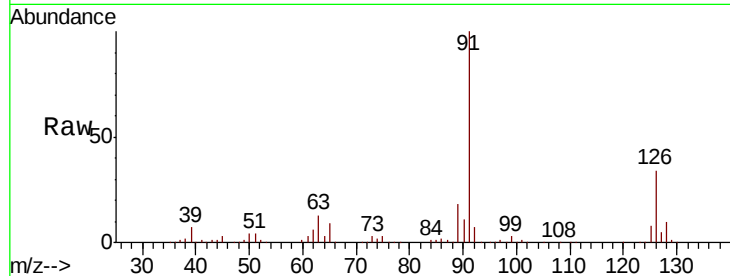




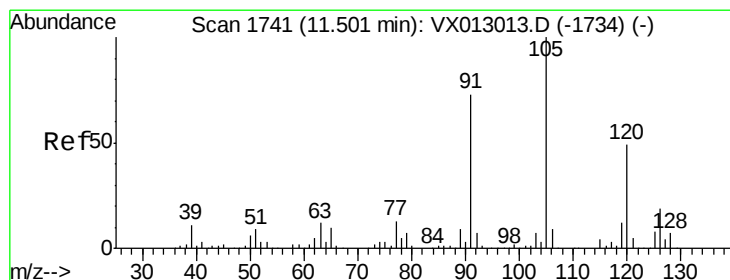
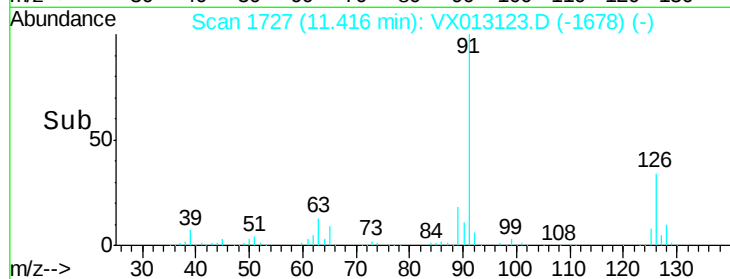
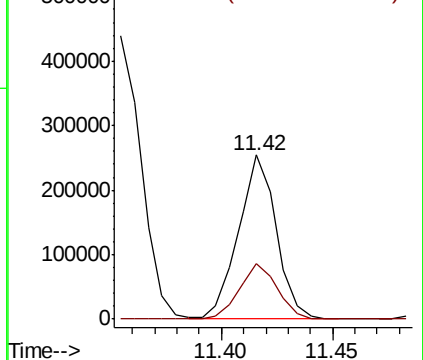
#79
 2-Chlorotoluene
 Concen: 53.131 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 299832
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.3 48.8

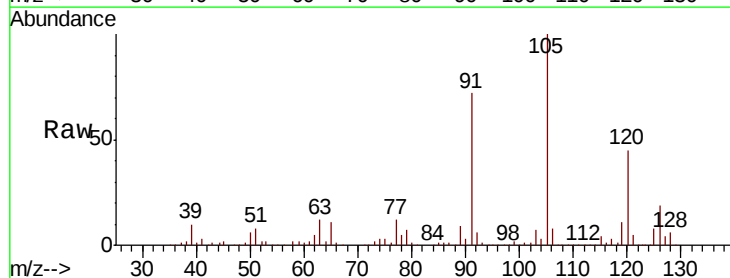


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

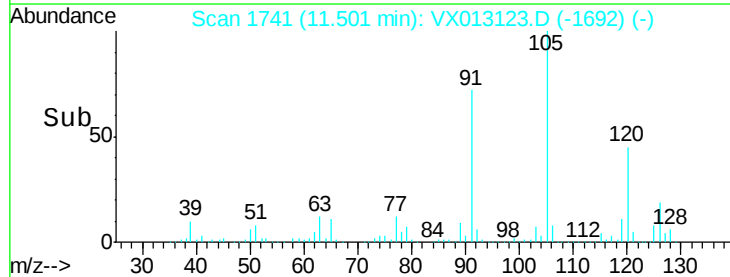
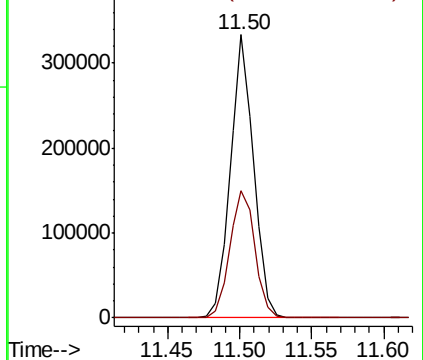


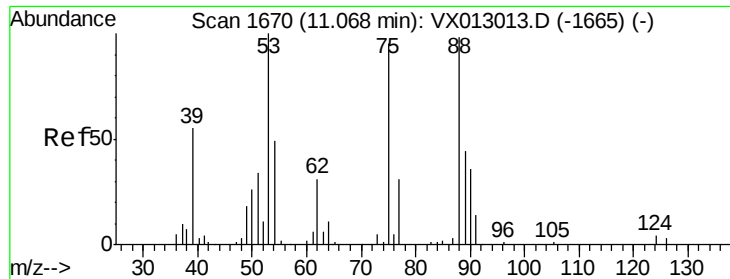
#80
 1,3,5-Trimethylbenzene
 Concen: 55.409 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 105 Resp: 377548
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

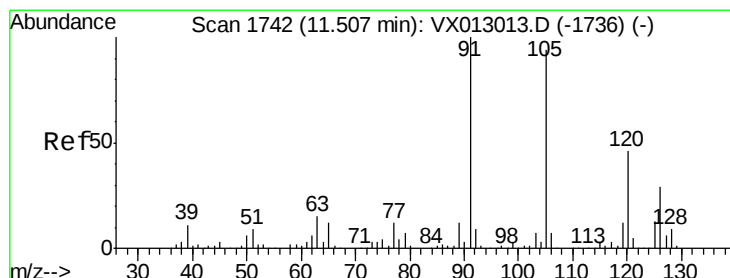
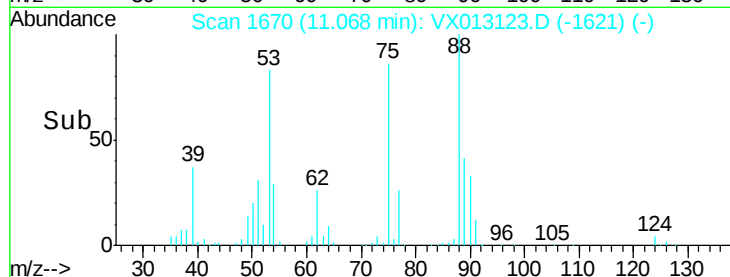
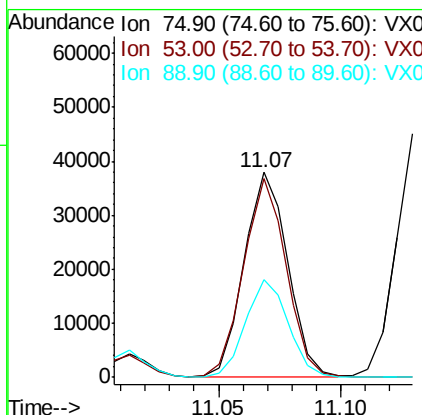
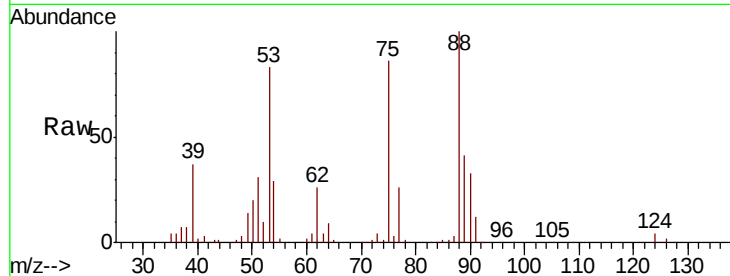




#81
trans-1,4-Dichloro-2-butene
Concen: 49.462 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

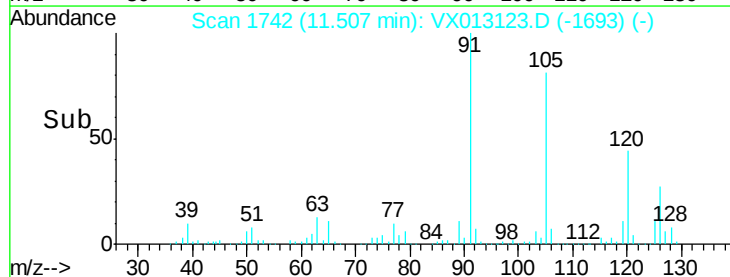
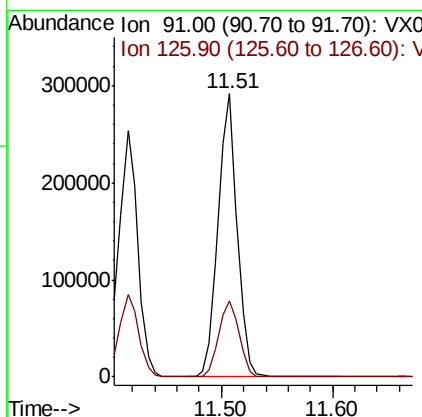
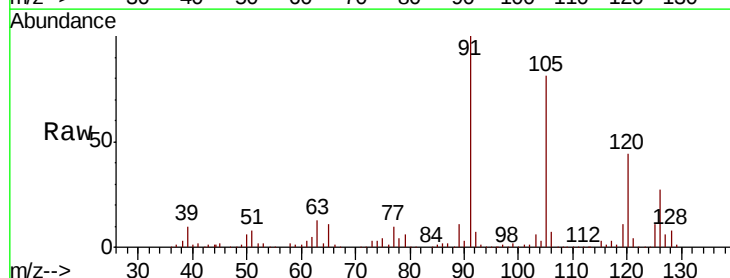
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

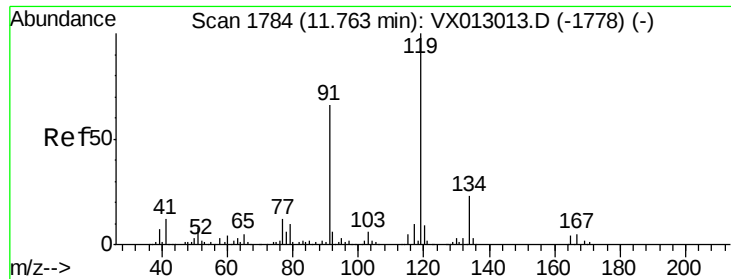
Tot Ion: 75 Resp: 47306
Ion Ratio Lower Upper
75 100
53 95.3 78.5 117.7
89 46.8 37.4 56.2



#82
4-Chlorotoluene
Concen: 53.454 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 91 Resp: 345755
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6

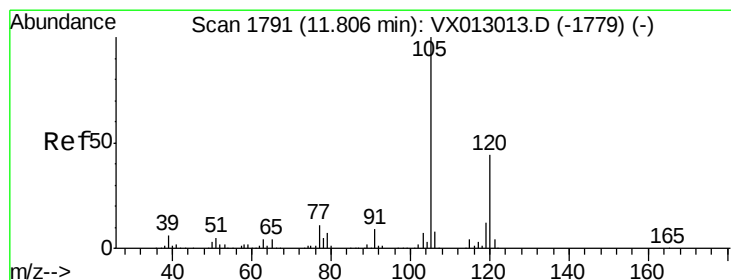
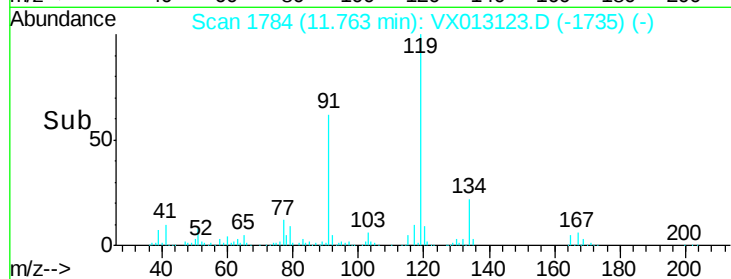
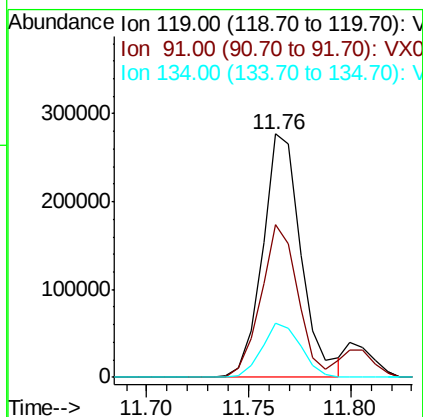
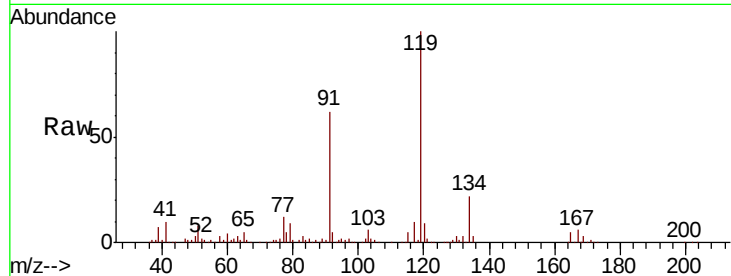




#83
 tert-Butylbenzene
 Concen: 54.801 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

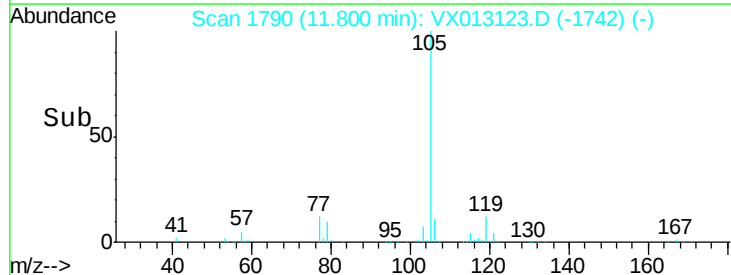
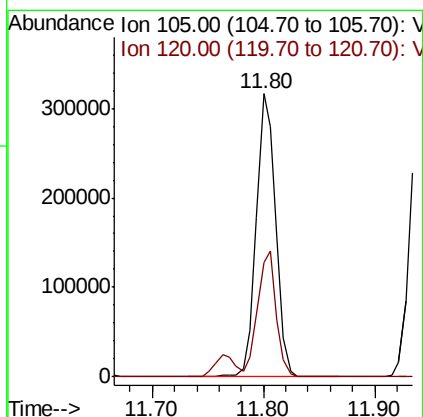
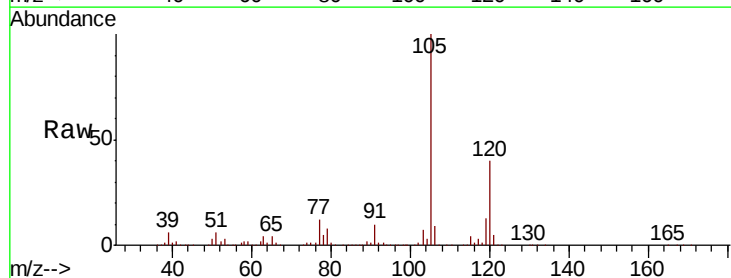
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

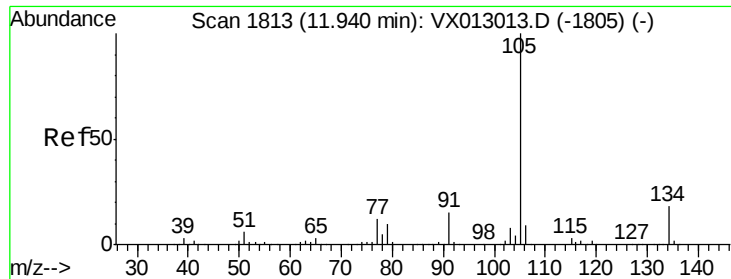
Tot Ion:119 Resp: 364254
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.3 87.9
 134 22.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.709 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion:105 Resp: 384441
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 56.225 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

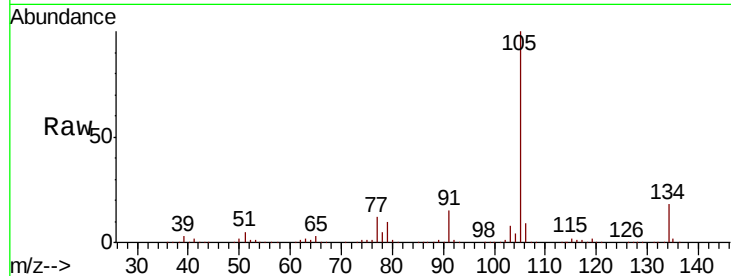
VSTDCCC050

Tot Ion:105 Resp: 432970

Ion Ratio Lower Upper

105 100

134 19.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

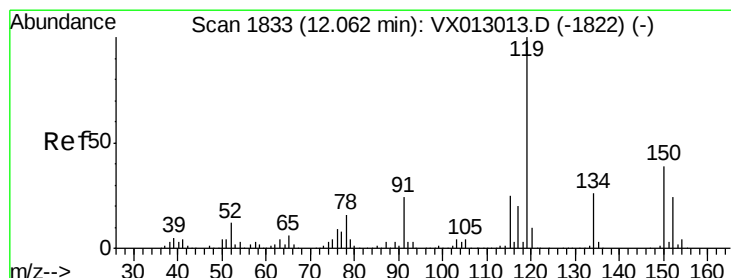
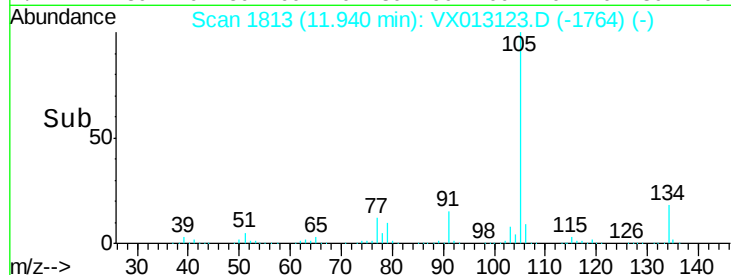
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 56.341 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

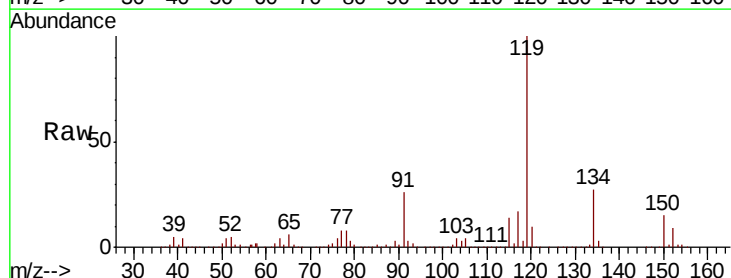
Tgt Ion:119 Resp: 402381

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 25.1 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

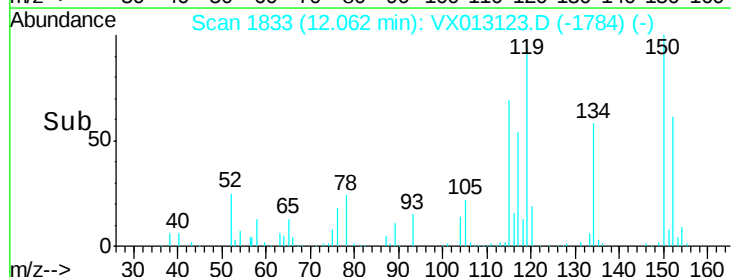
300000

200000

100000

0

Time--> 12.00 12.10

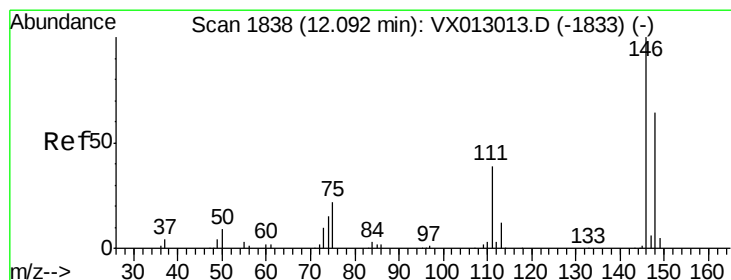
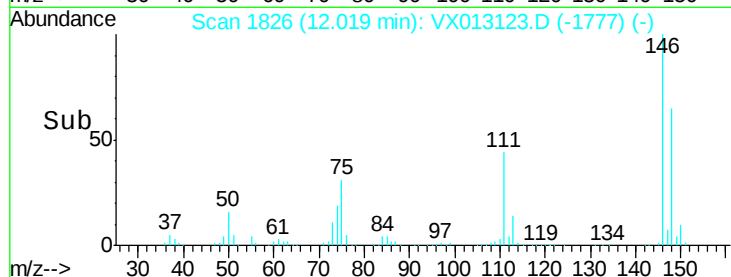
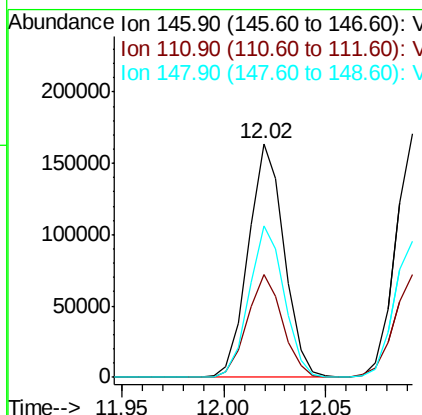
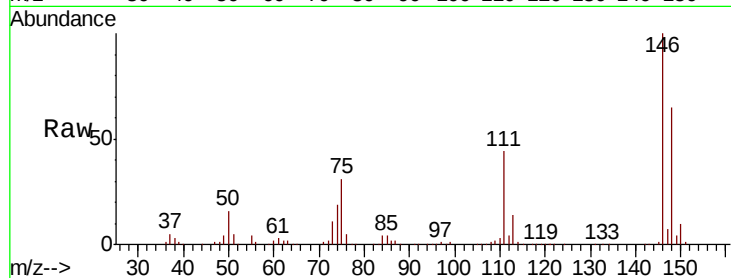




#87
 1,3-Dichlorobenzene
 Concen: 55.898 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

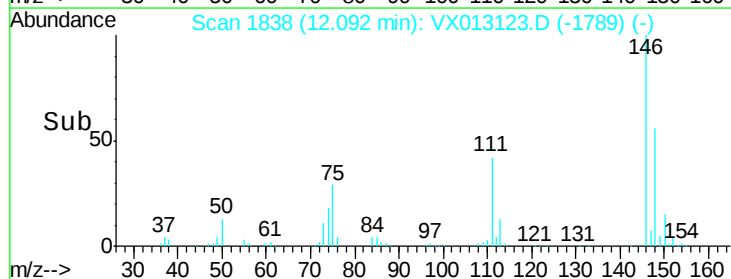
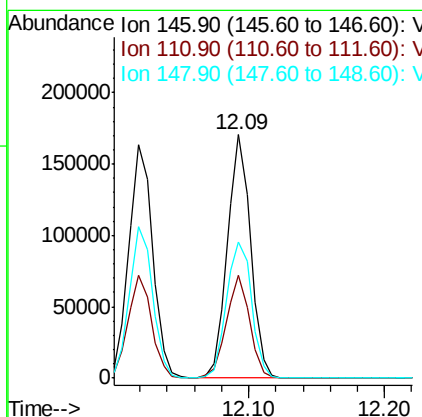
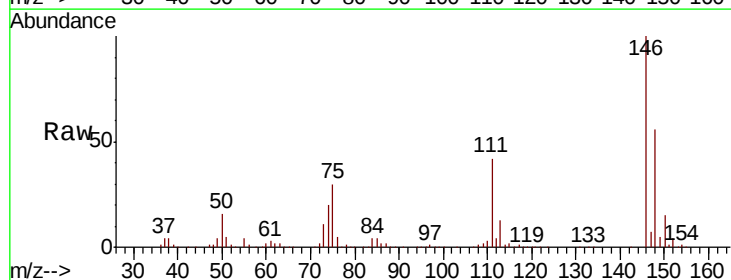
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

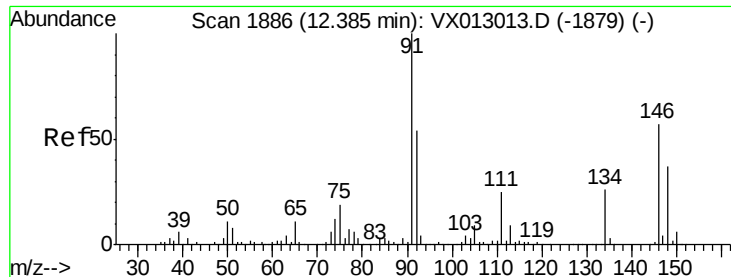
Tot Ion:146 Resp: 199606
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.1 63.4
 148 63.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 55.680 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion:146 Resp: 201367
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.4 64.3
 148 60.8 32.1 96.5





#89

n-Butylbenzene

Concen: 57.067 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

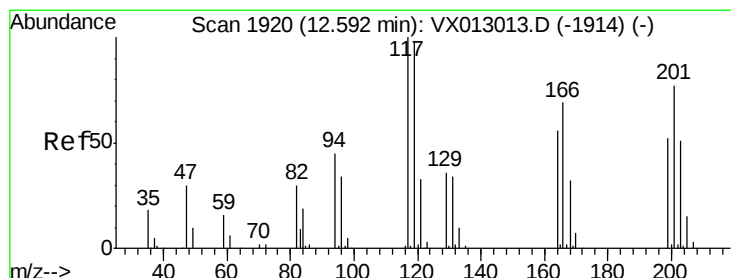
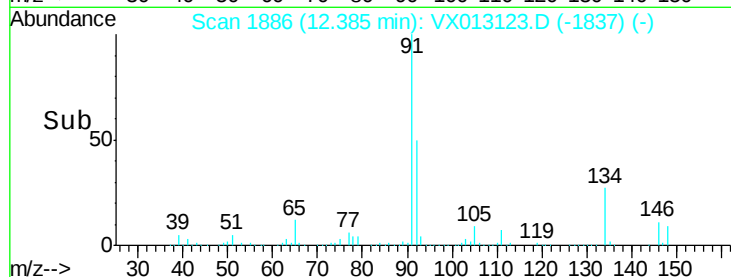
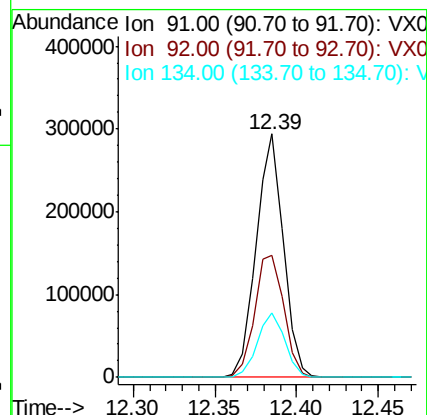
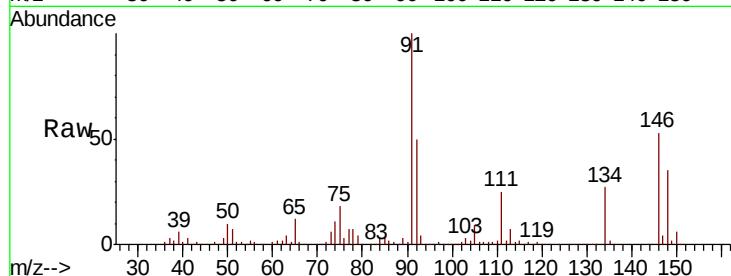
Tot Ion: 91 Resp: 342542

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.5

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 51.822 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013123.D

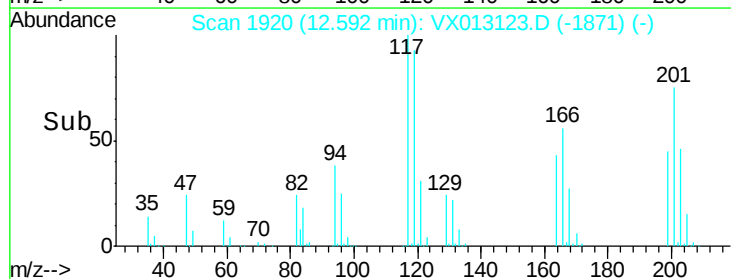
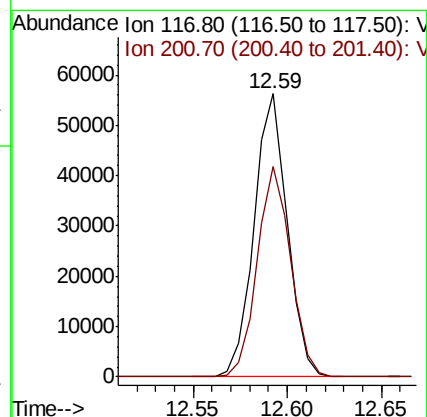
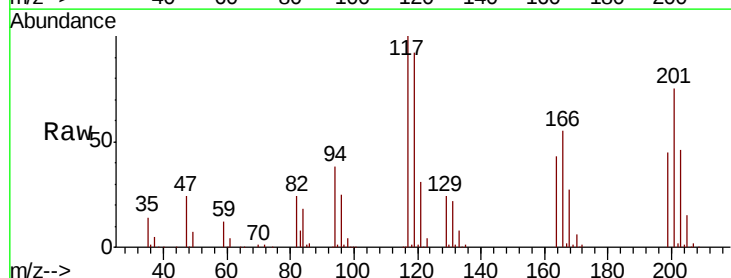
Acq: 18 Oct 2019 13:10

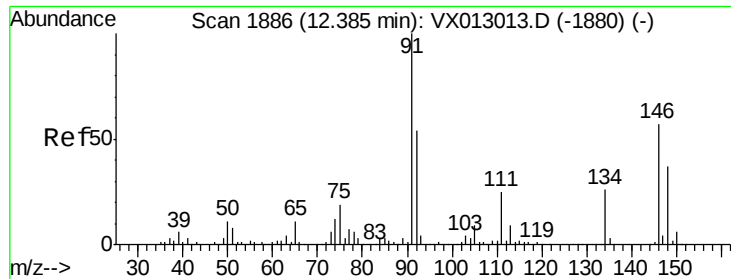
Tgt Ion: 117 Resp: 68655

Ion Ratio Lower Upper

117 100

201 74.7 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 54.725 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

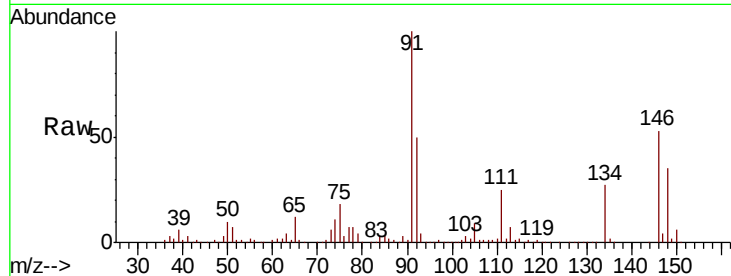
Tot Ion:146 Resp: 191581

Ion Ratio Lower Upper

146 100

111 46.0 22.7 68.0

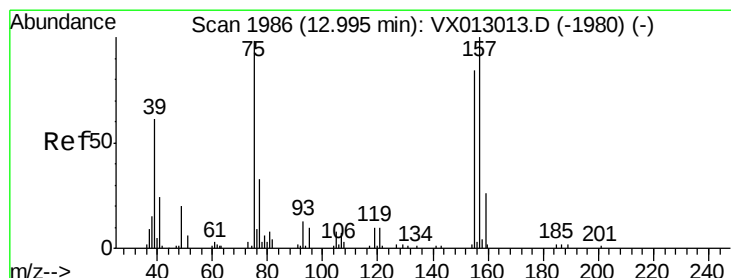
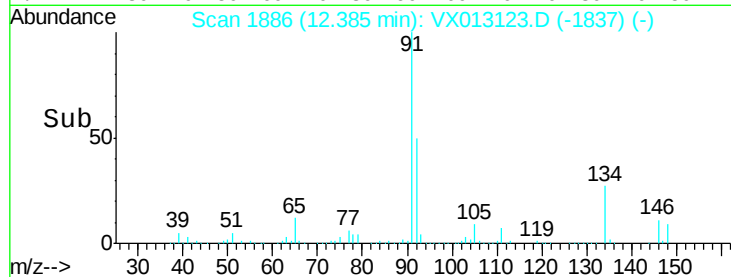
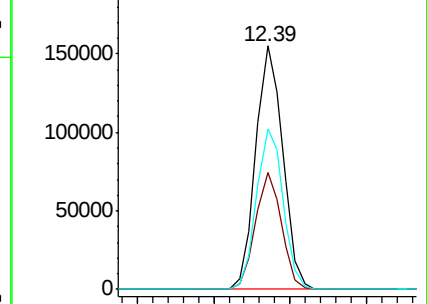
148 65.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.974 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

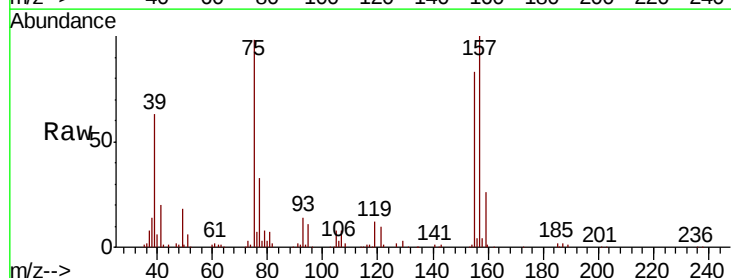
Tgt Ion: 75 Resp: 34335

Ion Ratio Lower Upper

75 100

155 85.3 43.0 128.8

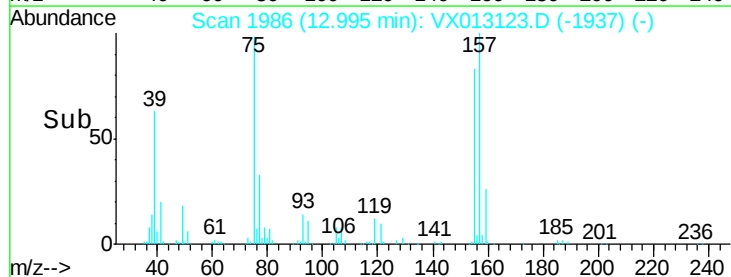
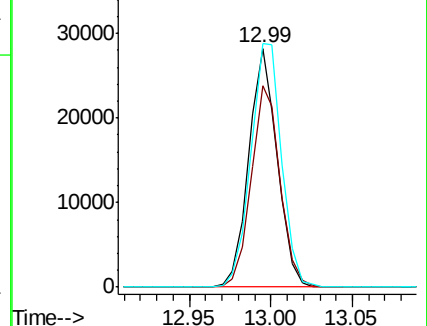
157 110.1 54.1 162.3

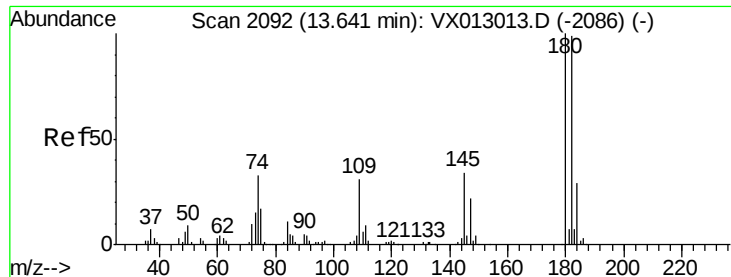


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

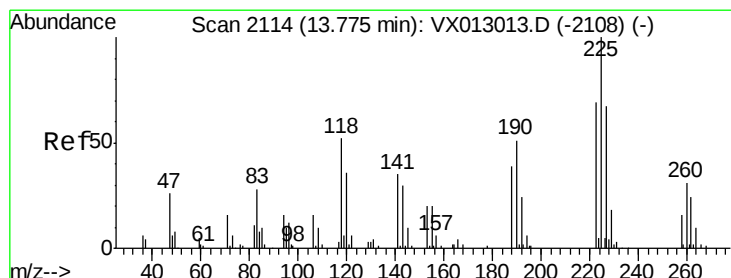
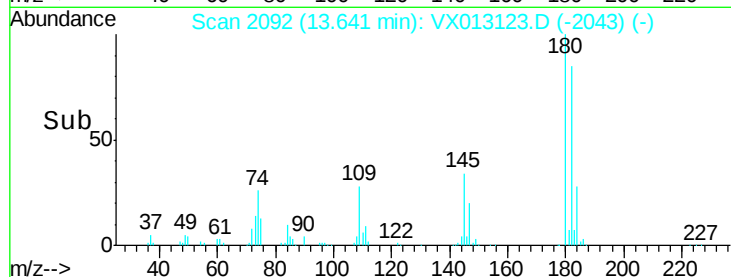
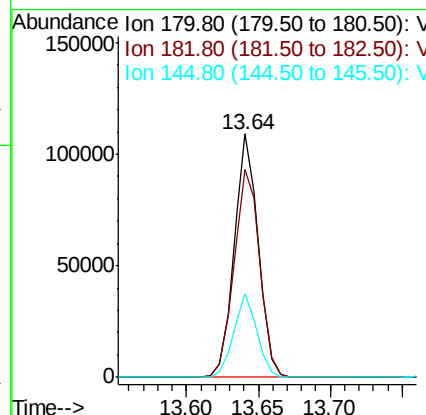
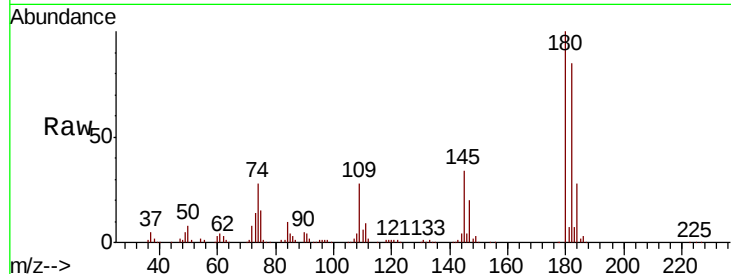




#93
 1,2,4-Trichlorobenzene
 Concen: 58.366 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

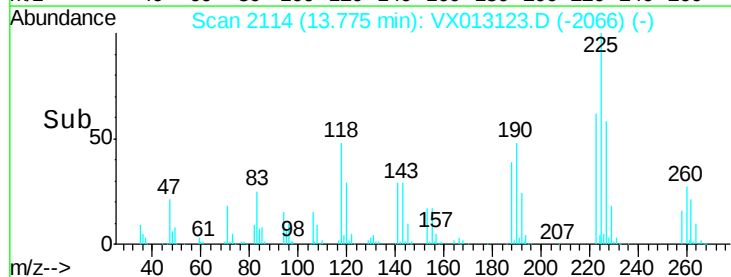
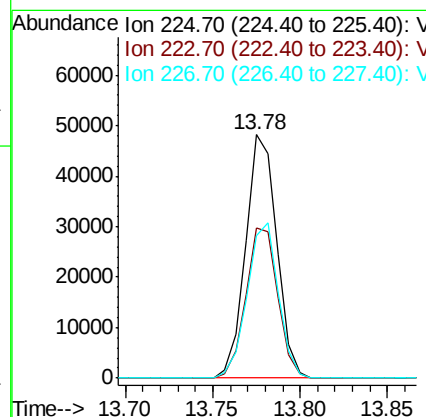
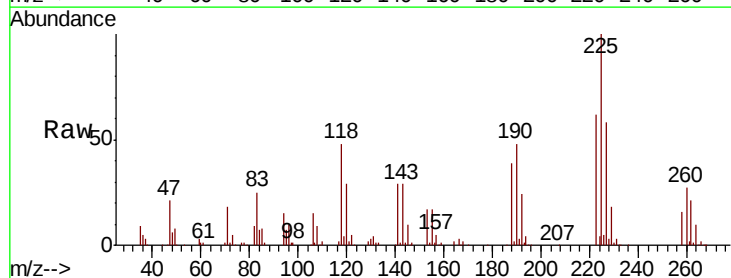
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

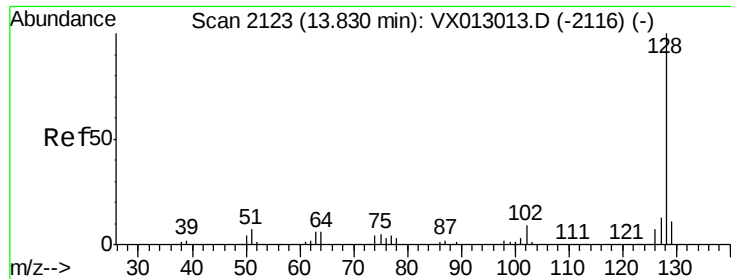
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	46.8	140.4
145	33.3	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 58.870 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.2
227	63.8	32.3	96.9

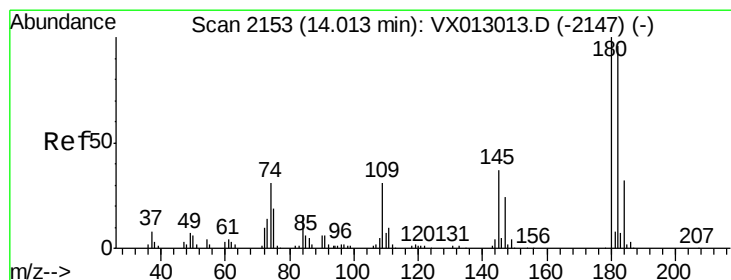
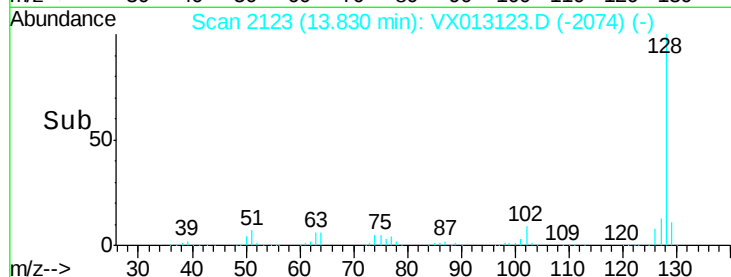
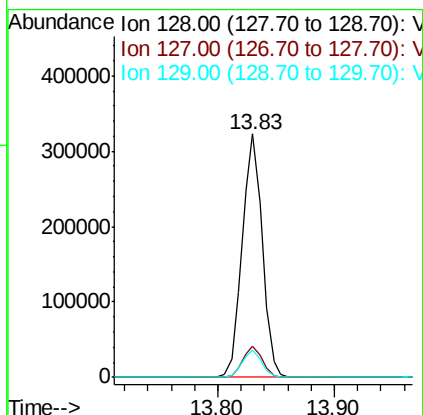
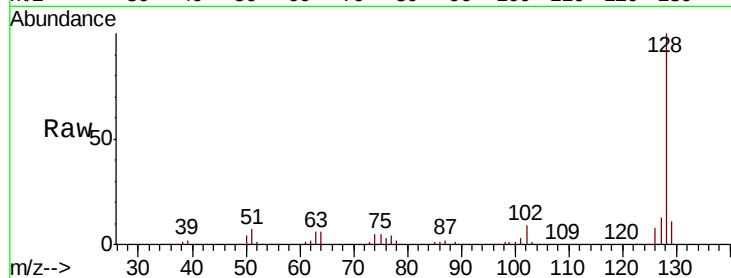




#95
Naphthalene
Concen: 51.200 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 389218
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.989 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion:180 Resp: 124616
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 34.7 17.4 52.3

