

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007510.D
 Acq On : 13 Feb 2019 03:55
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Feb 13 08:03:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	79648	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	413716	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	367503	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	151552	29.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.03%
60) 4-Bromofluorobenzene	11.13	95	169346	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	496469	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	78153	19.377 ug/l	97
3) Chloromethane	1.33	50	87841	19.817 ug/l	96
4) Vinyl Chloride	1.41	62	96831	19.421 ug/l	99
5) Bromomethane	1.64	94	81035	18.200 ug/l	93
6) Chloroethane	1.73	64	64546	19.044 ug/l	99
7) Trichlorofluoromethane	1.93	101	150516	19.258 ug/l	96
8) Diethyl Ether	2.19	74	61943	19.840 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82561	18.722 ug/l	98
10) 1,1-Dichloroethene	2.38	96	85270	19.487 ug/l	97
11) Methyl Iodide	2.51	142	112988	17.966 ug/l	99
12) Methyl Acetate	2.78	43	112605	18.660 ug/l	100
13) Acrolein	2.30	56	73631	69.949 ug/l	94
14) Acrylonitrile	3.15	53	269868	97.059 ug/l	99
15) Acetone	2.45	58	74974	99.358 ug/l	90
16) Carbon Disulfide	2.57	76	221641	19.101 ug/l	100
17) Allyl chloride	2.73	41	142169	18.963 ug/l	96
18) Methylene Chloride	2.86	84	96941	19.700 ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	89033	19.024 ug/l	100
20) Diisopropyl ether	3.87	45	278236	19.638 ug/l	97
21) 1,1-Dichloroethane	3.70	63	157778	19.863 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	101134	19.418 ug/l	99
23) tert-Butyl Alcohol	3.07	59	115843	99.125 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	296203	19.506 ug/l	97
25) Chloroform	5.21	83	166167	19.807 ug/l	97
26) Cyclohexane	5.57	56	130301	19.563 ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	115431	20.002 ug/l	99
30) 2-Butanone	4.70	43	348611	102.077 ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	138551	20.086 ug/l	# 87
33) Carbon Tetrachloride	5.78	117	119623	19.618 ug/l	97
34) Benzene	6.15	78	369358	20.303 ug/l	99
35) Methacrylonitrile	5.06	41	70693	19.909 ug/l	95
36) 1,2-Dichloroethane	6.20	62	126239	20.390 ug/l	98
37) Trichloroethene	7.21	130	105444	20.159 ug/l	99
38) Methylcyclohexane	7.46	83	127071	19.021 ug/l	99
39) 1,2-Dichloropropane	7.52	63	90850	20.077 ug/l	98
40) Dibromomethane	7.66	93	65840	20.146 ug/l	98
41) Bromodichloromethane	7.90	83	115077	19.842 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.82	43	1186730	99.275	ug/l	99
43) Ethyl Acetate	4.86	43	129941	19.868	ug/l #	79
44) Isopropyl Acetate	6.46	43	200145	19.821	ug/l	99
45) 1,4-Dioxane	7.75	88	48946	410.714	ug/l	99
46) Methyl methacrylate	7.77	41	103401	20.222	ug/l	96
47) n-amyl Acetate	10.90	43	170628	19.171	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	112486	18.788	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	128212	19.230	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	96943	20.344	ug/l	98
51) Ethyl methacrylate	9.18	69	139024	20.124	ug/l	99
52) 1,3-Dichloropropane	9.37	76	157442	20.483	ug/l	98
53) Dibromochloromethane	9.59	129	96248	19.419	ug/l	99
54) 1,2-Dibromoethane	9.67	107	106548	20.420	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	333651	94.995	ug/l	99
56) Bromoform	10.85	173	70502	18.858	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	687882	104.062	ug/l	100
59) 2-Hexanone	9.49	43	521609	103.886	ug/l	99
61) Tetrachloroethene	9.34	164	105678	20.256	ug/l	99
62) Toluene	8.78	91	403592	20.165	ug/l	99
64) Chlorobenzene	10.13	112	264739	20.354	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	94693	20.100	ug/l	99
66) Ethyl Benzene	10.25	91	429284	20.212	ug/l	99
67) m/p-Xylenes	10.36	106	334045	40.099	ug/l	99
68) o-Xylene	10.69	106	164494	20.246	ug/l	98
69) Styrene	10.71	104	262537	20.024	ug/l	99
70) Isopropylbenzene	11.02	105	428283	19.981	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	146205	20.634	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	155827	24.053	ug/l	91
73) Bromobenzene	11.26	156	120085	20.520	ug/l	99
74) n-propylbenzene	11.36	91	471088	19.794	ug/l	100
75) 2-Chlorotoluene	11.42	91	282777	19.871	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	349267	19.961	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	32626	17.446	ug/l	96
78) 4-Chlorotoluene	11.51	91	316167	19.465	ug/l	99
79) tert-butylbenzene	12.06	119	356811	19.205	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	354576	19.963	ug/l	98
81) sec-Butylbenzene	11.94	105	415399	19.880	ug/l	100
82) p-Isopropyltoluene	12.06	119	356811	19.205	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	204167	19.845	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	202151	19.691	ug/l	98
85) n-Butylbenzene	12.39	91	289413	18.772	ug/l	99
86) Hexachloroethane	12.60	117	58451	18.949	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	209401	20.279	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28998	19.611	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	129418	19.083	ug/l	99
90) Hexachlorobutadiene	13.78	225	58630	18.503	ug/l	96
91) Naphthalene	13.83	128	426118	19.701	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	134774	19.549	ug/l	98

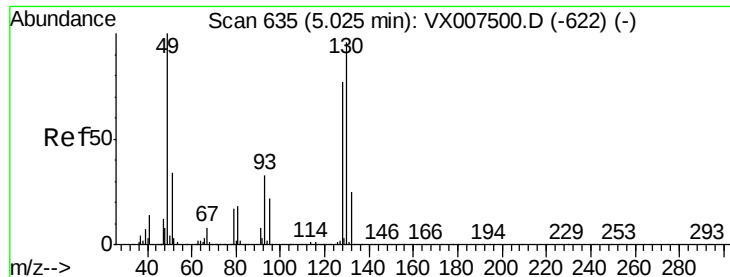
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

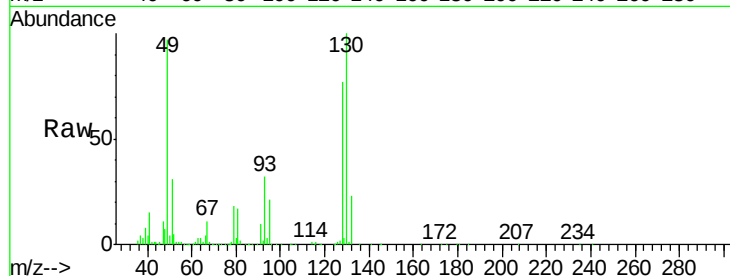
Tgt Ion:128 Resp: 79648

Ion Ratio Lower Upper

128 100

49 136.0 0.0 350.8

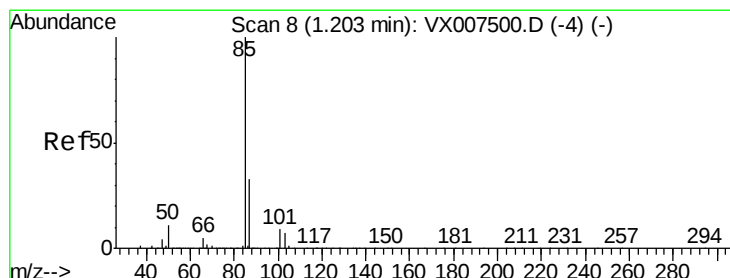
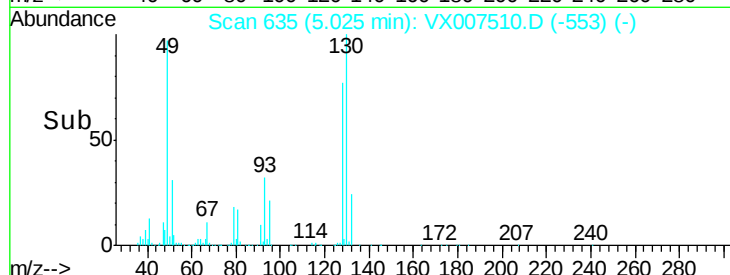
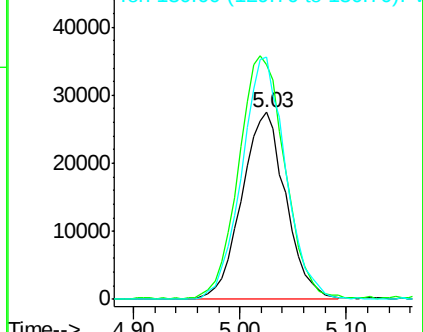
130 129.2 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.377 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007510.D

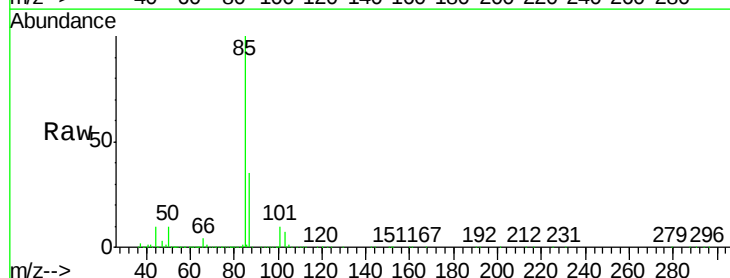
Acq: 13 Feb 2019 03:55

Tgt Ion: 85 Resp: 78153

Ion Ratio Lower Upper

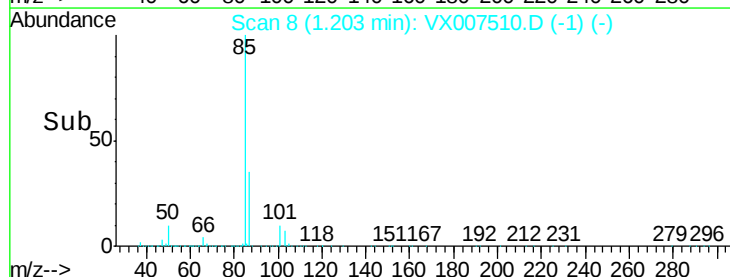
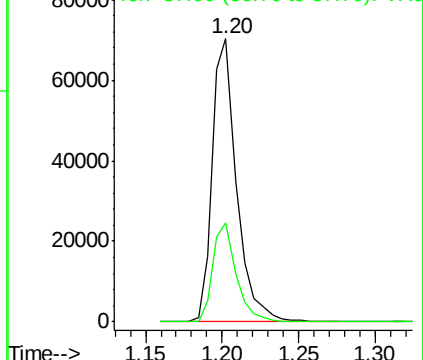
85 100

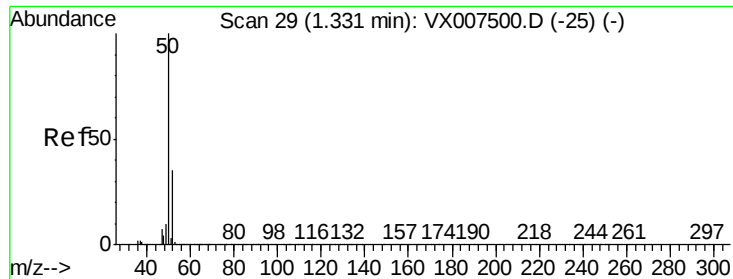
87 34.9 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

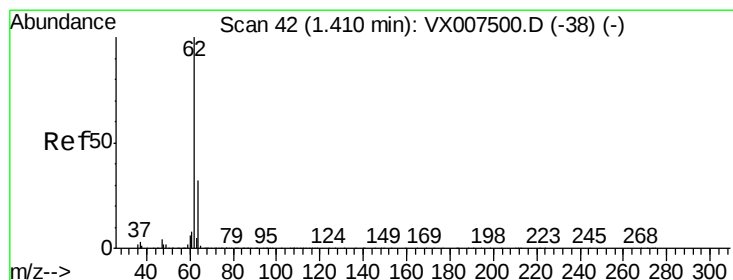
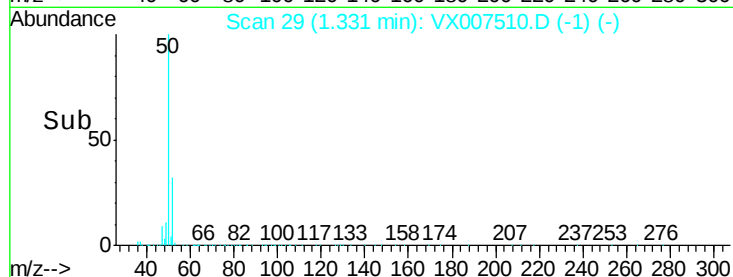
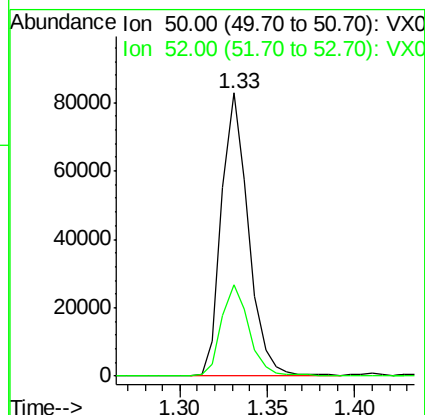
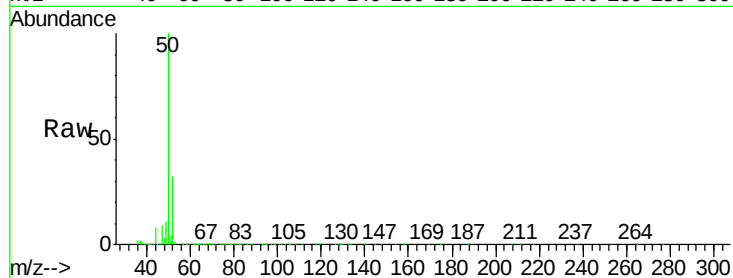




#3
Chloromethane
Concen: 19.817 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

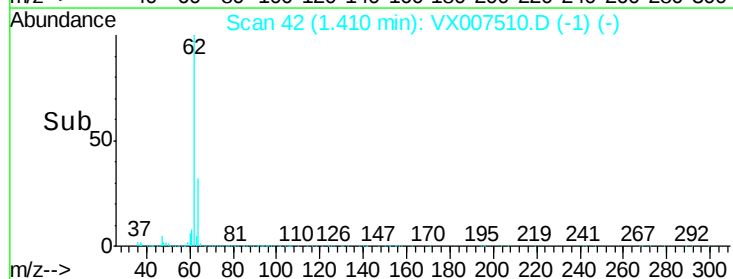
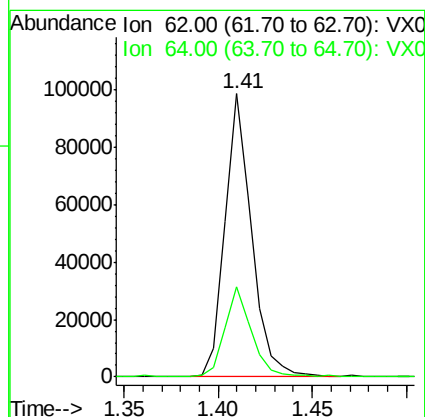
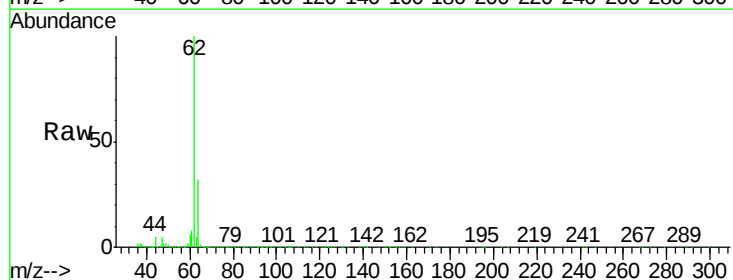
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

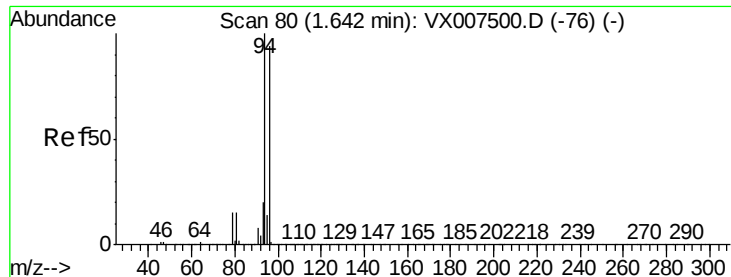
Tgt Ion: 50 Resp: 87841
Ion Ratio Lower Upper
50 100
52 32.3 27.5 41.3



#4
Vinyl Chloride
Concen: 19.421 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 62 Resp: 96831
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9





#5

Bromomethane

Concen: 18.200 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

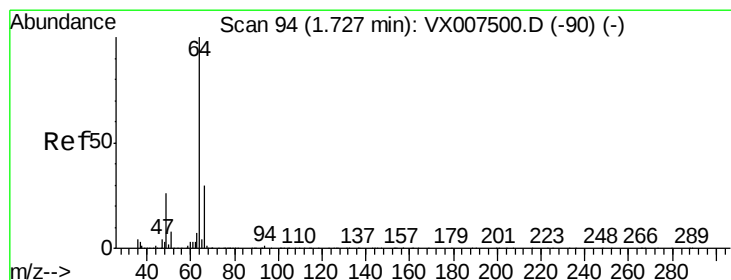
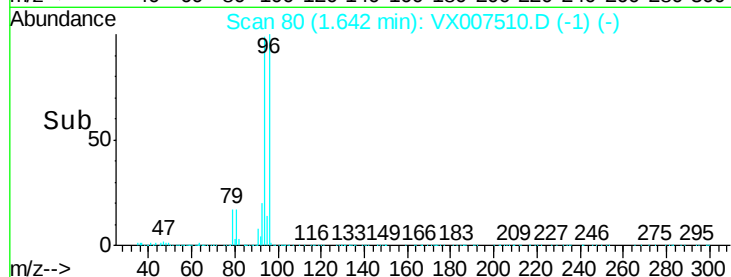
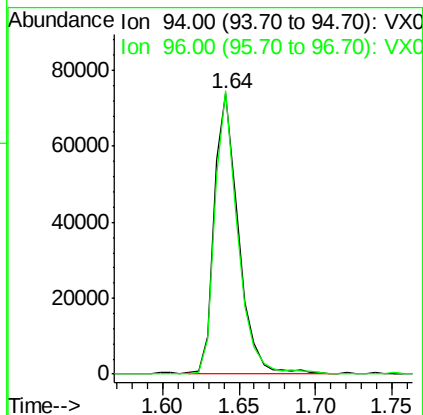
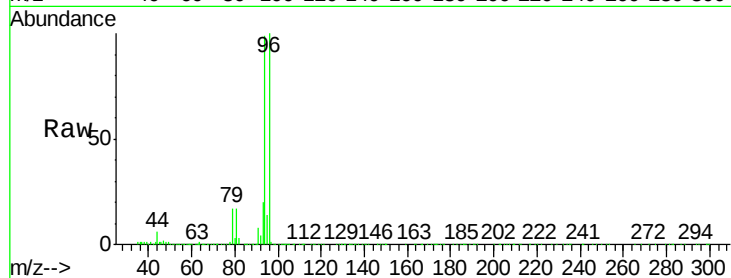
VSTDCCC020EC

Tgt Ion: 94 Resp: 81035

Ion Ratio Lower Upper

94 100

96 100.9 75.6 113.4



#6

Chloroethane

Concen: 19.044 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007510.D

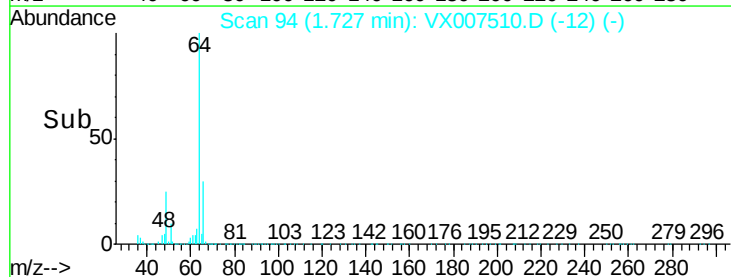
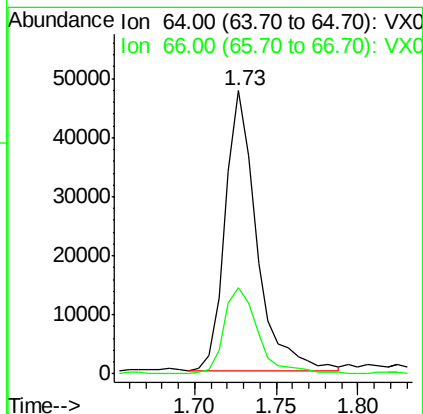
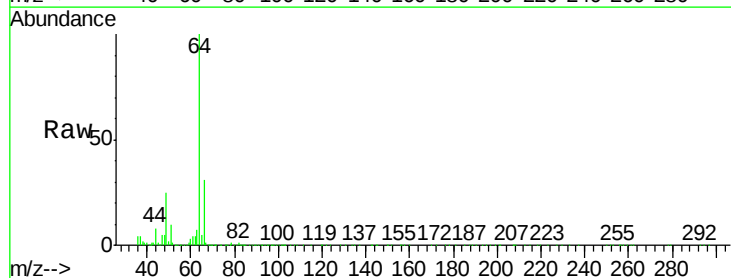
Acq: 13 Feb 2019 03:55

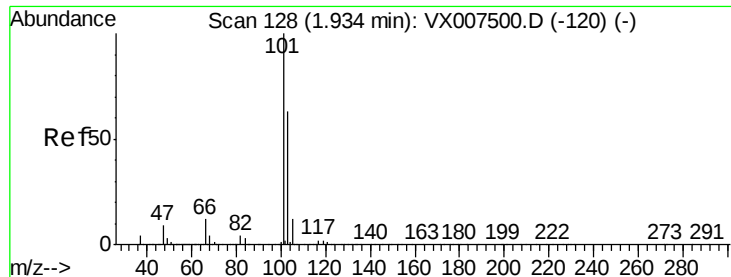
Tgt Ion: 64 Resp: 64546

Ion Ratio Lower Upper

64 100

66 30.3 23.9 35.9



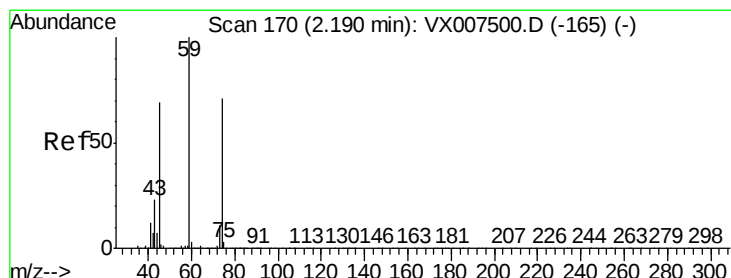
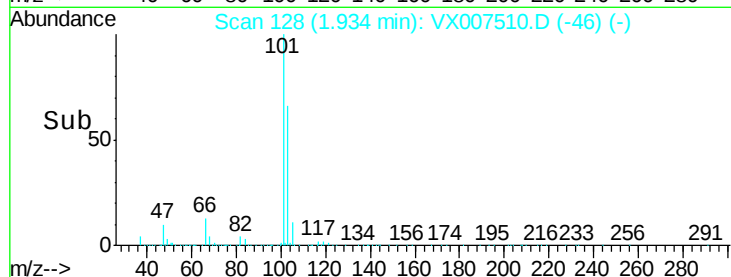
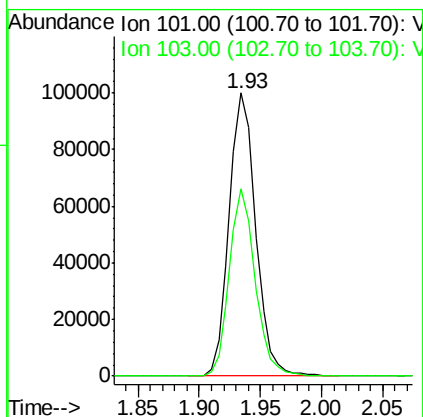
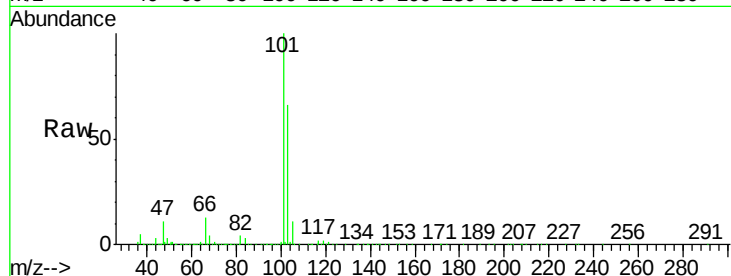


#7

Trichlorofluoromethane
Concen: 19.258 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
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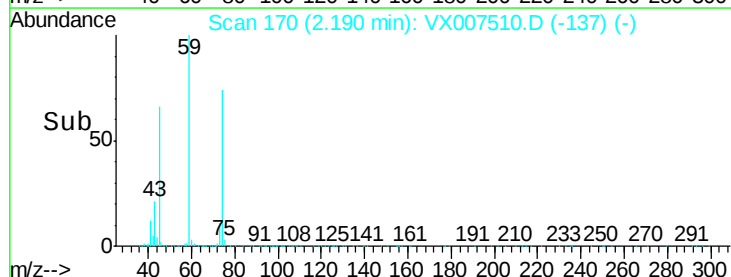
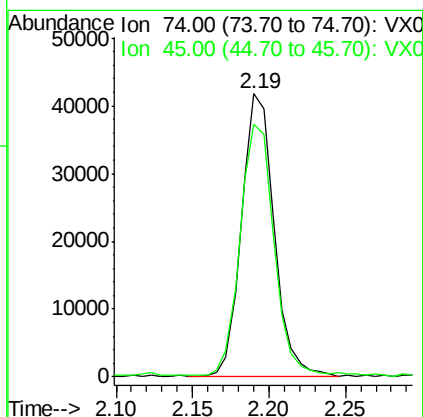
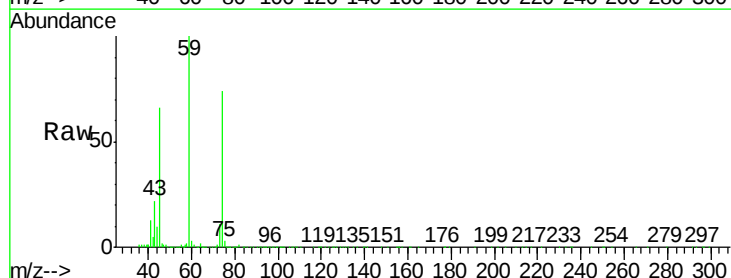
Tgt Ion:101 Resp: 150516
Ion Ratio Lower Upper
101 100
103 66.0 50.4 75.6

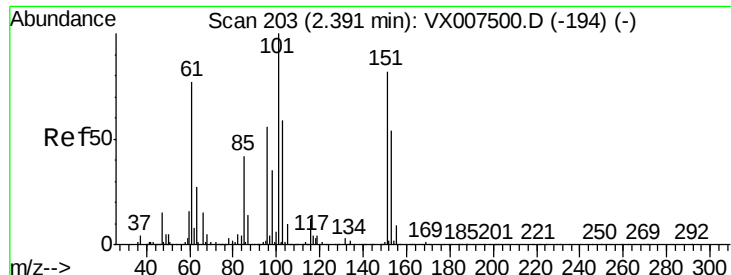


#8

Diethyl Ether
Concen: 19.840 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 74 Resp: 61943
Ion Ratio Lower Upper
74 100
45 91.8 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.722 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

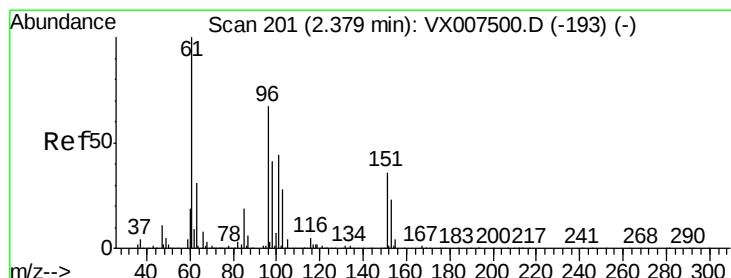
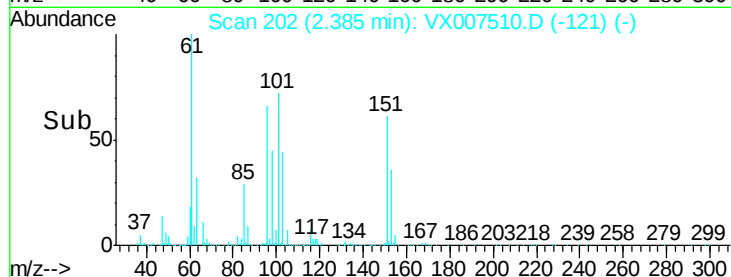
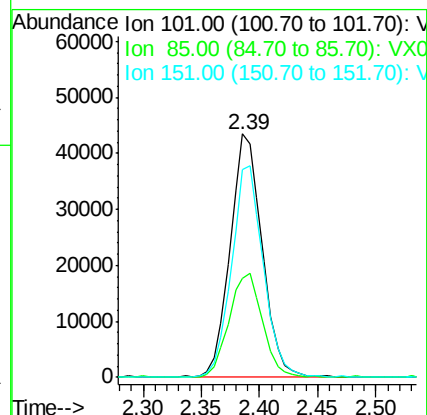
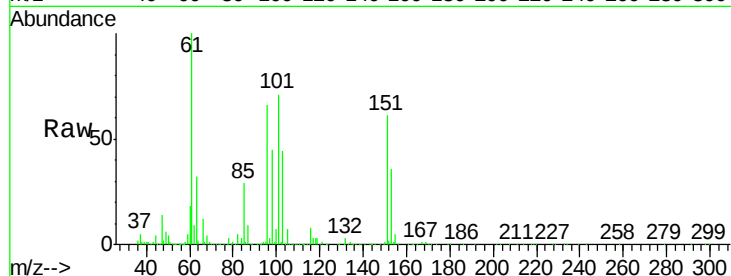
Tgt Ion: 101 Resp: 82561

Ion Ratio Lower Upper

101 100

85 44.4 0.0 86.8

151 86.7 0.0 169.2



#10

1,1-Dichloroethene

Concen: 19.487 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

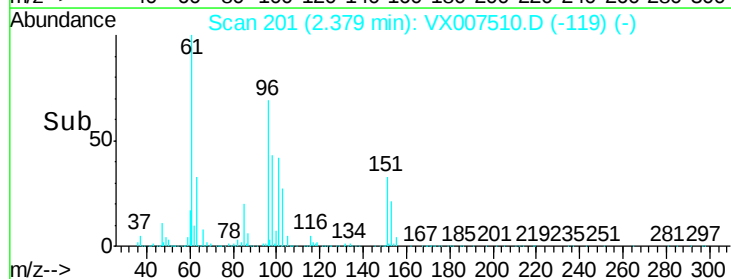
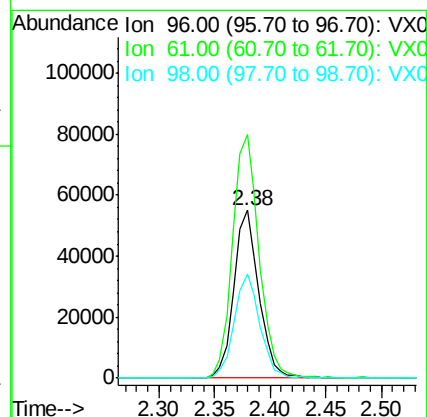
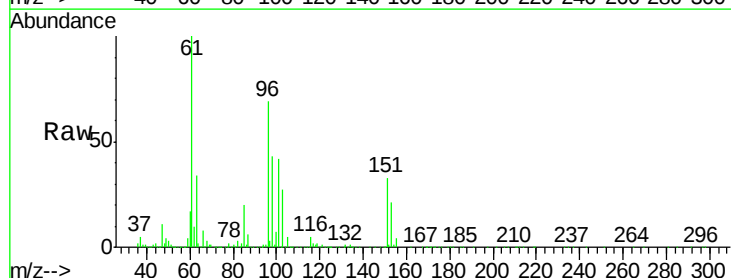
Tgt Ion: 96 Resp: 85270

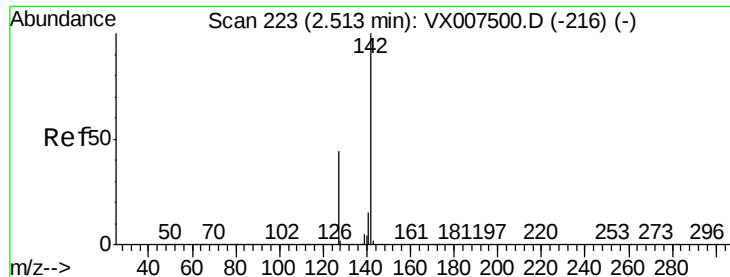
Ion Ratio Lower Upper

96 100

61 145.0 120.2 180.2

98 62.2 49.0 73.4

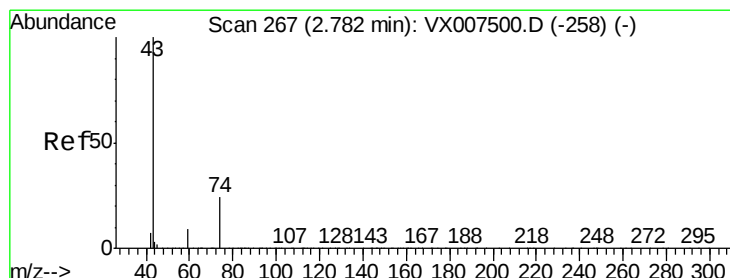
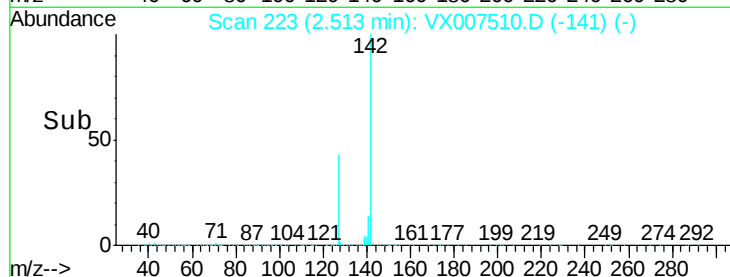
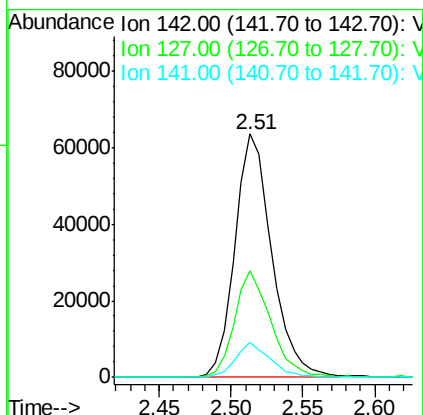
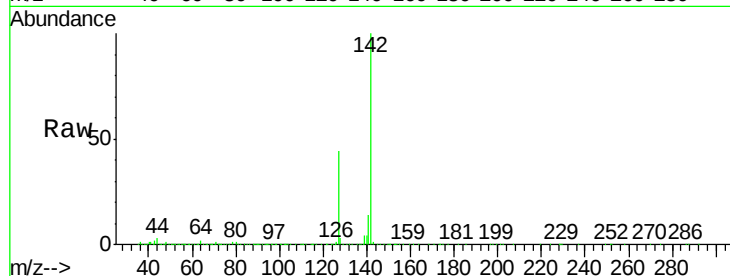




#11
Methyl Iodide
Concen: 17.966 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

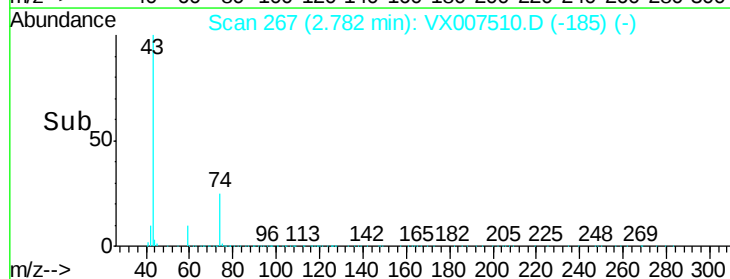
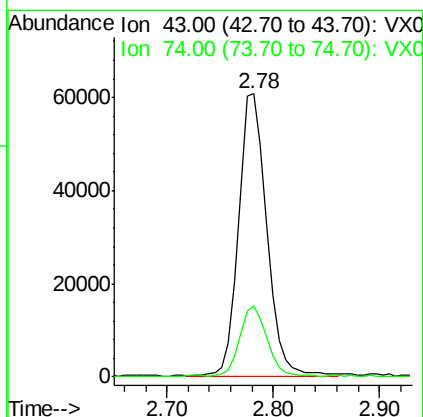
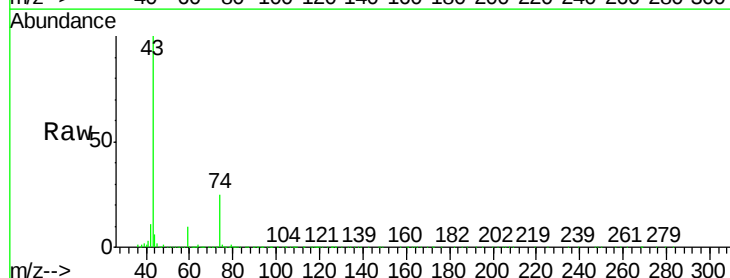
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

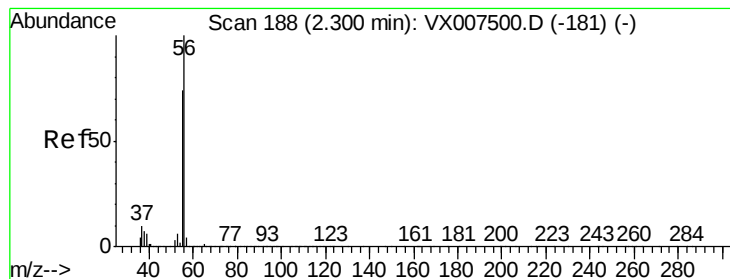
Tgt Ion:142 Resp: 112988
Ion Ratio Lower Upper
142 100
127 43.6 22.1 66.5
141 14.3 7.4 22.3



#12
Methyl Acetate
Concen: 18.660 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 43 Resp: 112605
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0





#13

Acrolein

Concen: 69.949 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

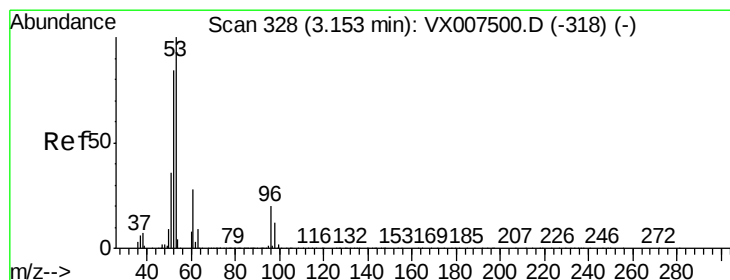
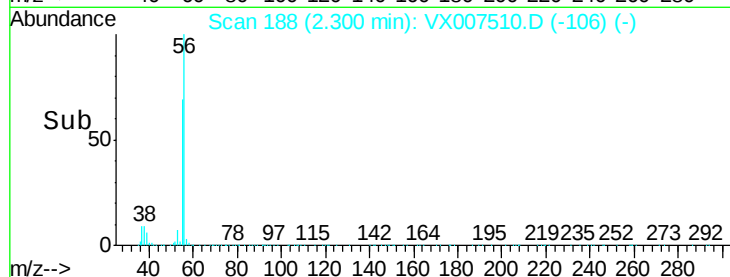
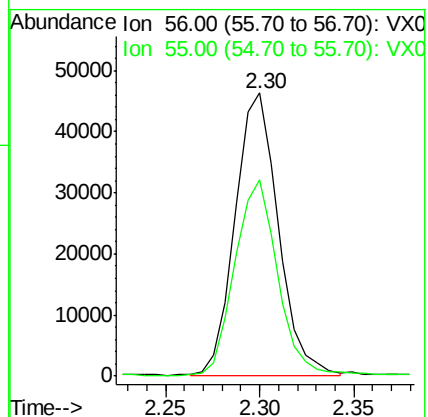
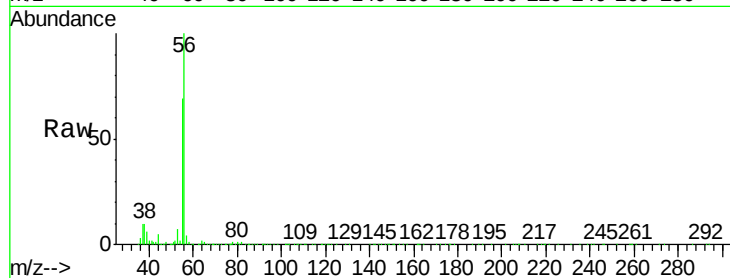
VSTDCCC020EC

Tgt Ion: 56 Resp: 73631

Ion Ratio Lower Upper

56 100

55 68.5 58.6 87.8



#14

Acrylonitrile

Concen: 97.059 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

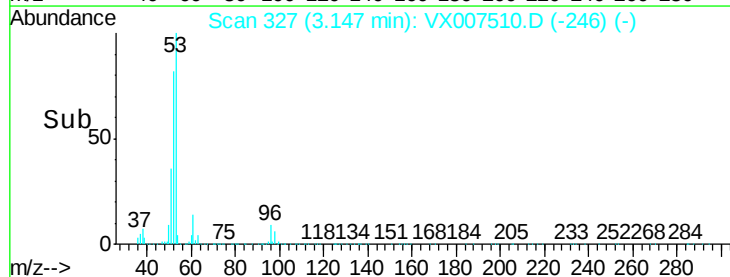
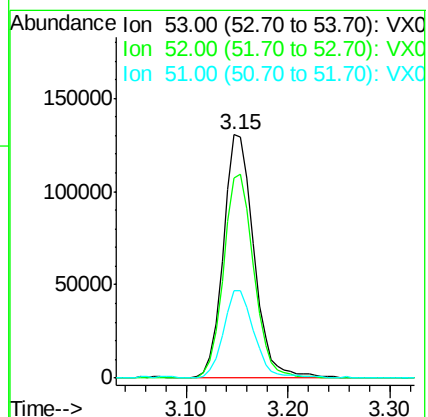
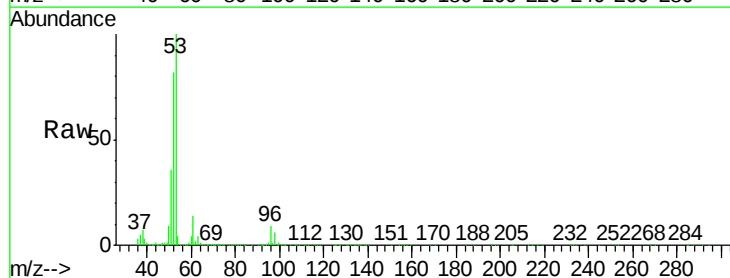
Tgt Ion: 53 Resp: 269868

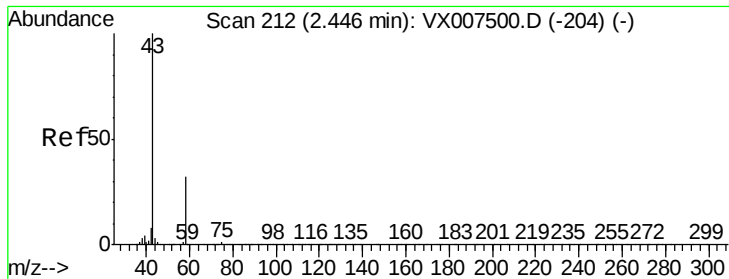
Ion Ratio Lower Upper

53 100

52 83.2 41.3 124.1

51 35.4 17.5 52.6





#15

Acetone

Concen: 99.358 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

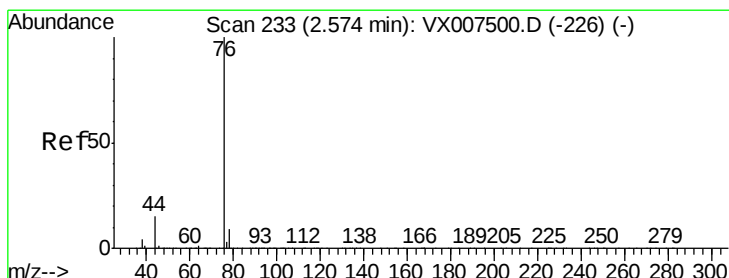
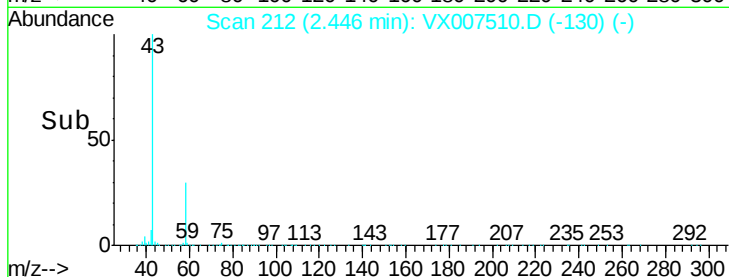
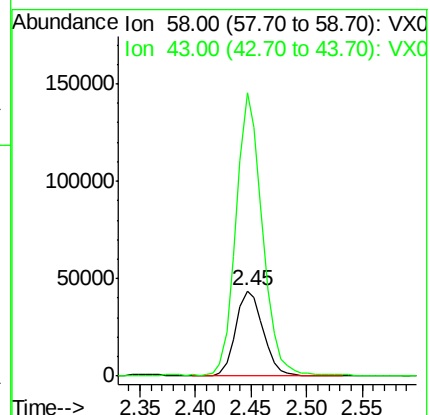
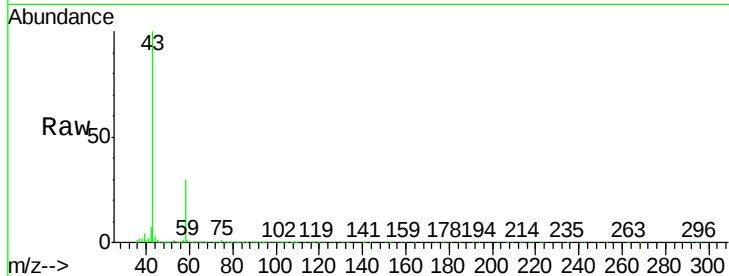
VSTDCCC020EC

Tgt Ion: 58 Resp: 74974

Ion Ratio Lower Upper

58 100

43 331.9 249.8 374.6



#16

Carbon Disulfide

Concen: 19.101 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007510.D

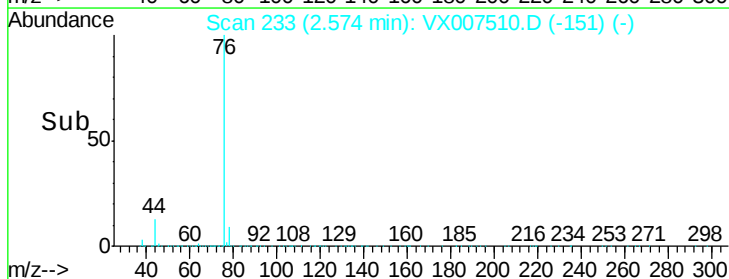
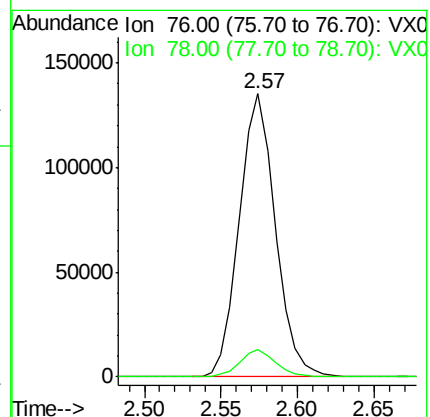
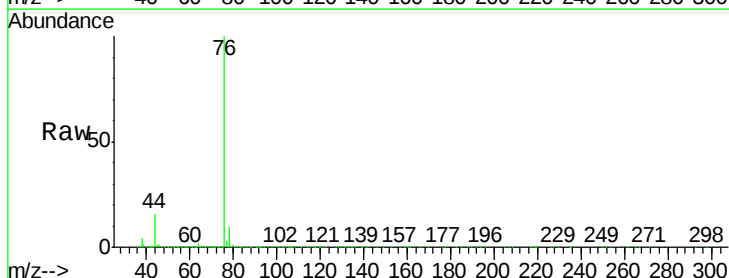
Acq: 13 Feb 2019 03:55

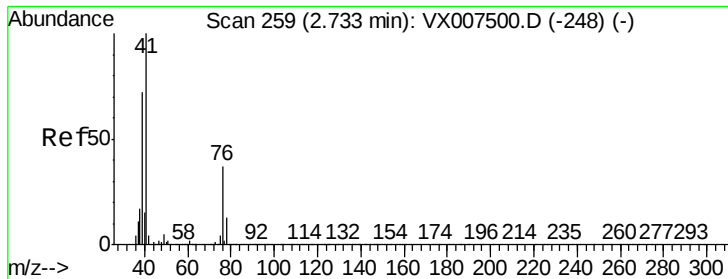
Tgt Ion: 76 Resp: 221641

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

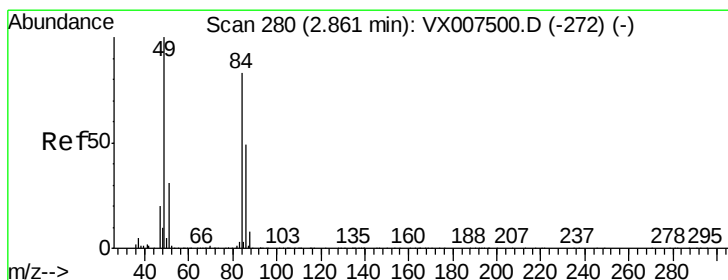
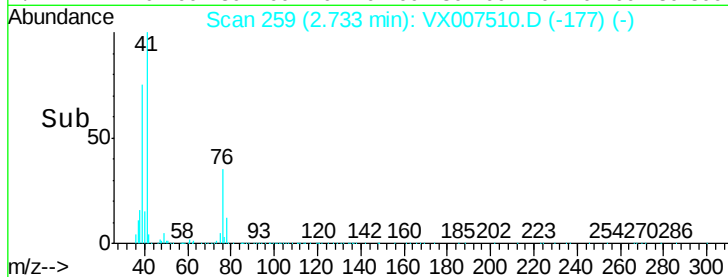
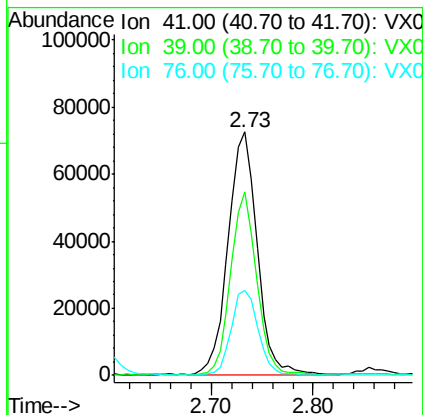
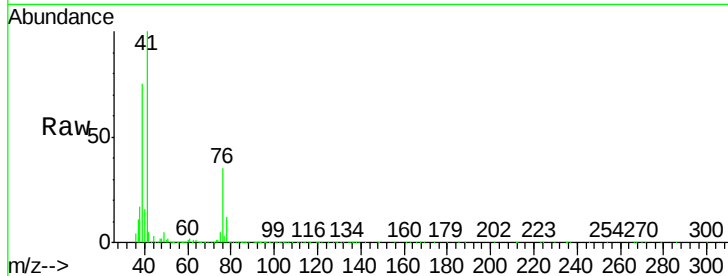




#17
 Allyl chloride
 Concen: 18.963 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

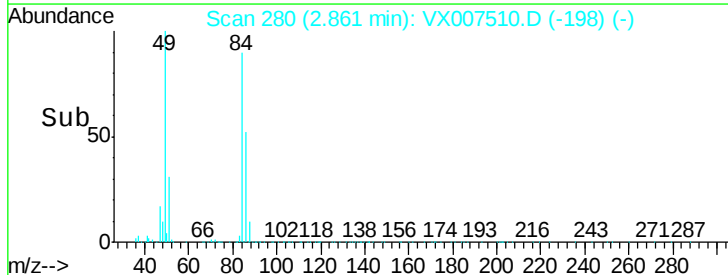
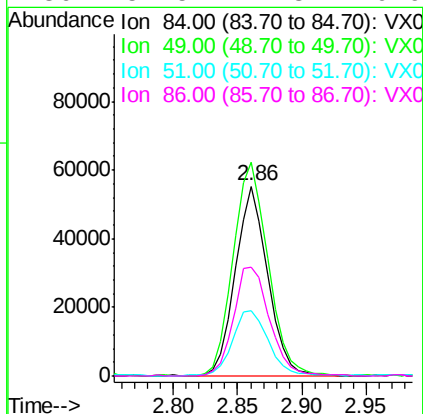
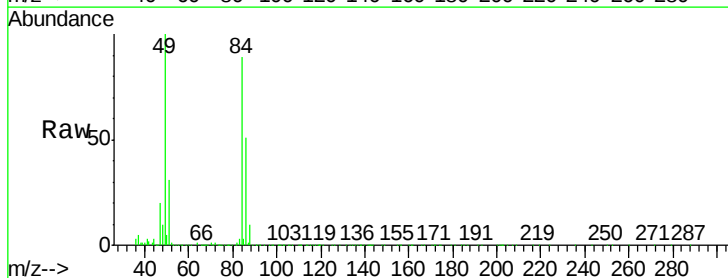
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

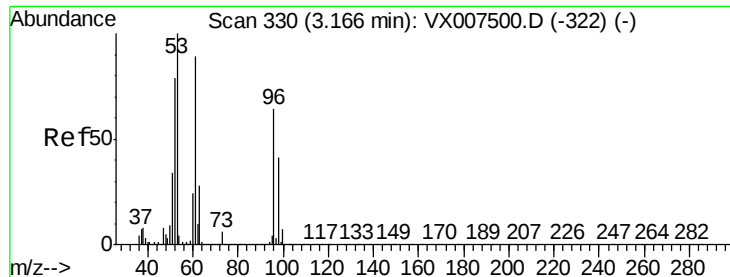
Tgt Ion:	41	Resp:	142169
Ion	Ratio	Lower	Upper
41	100		
39	75.4	35.8	107.4
76	34.9	18.3	54.9



#18
 Methylene Chloride
 Concen: 19.700 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion:	84	Resp:	96941
Ion	Ratio	Lower	Upper
84	100		
49	112.3	96.1	144.1
51	34.3	29.1	43.7
86	57.5	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.024 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

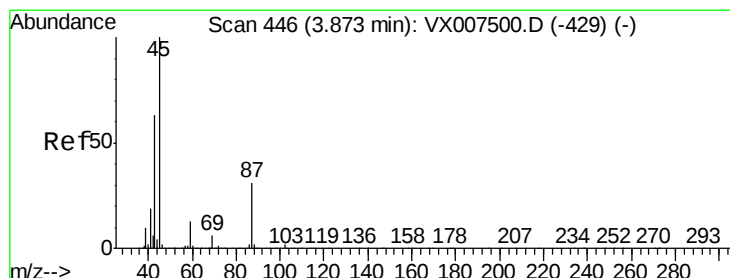
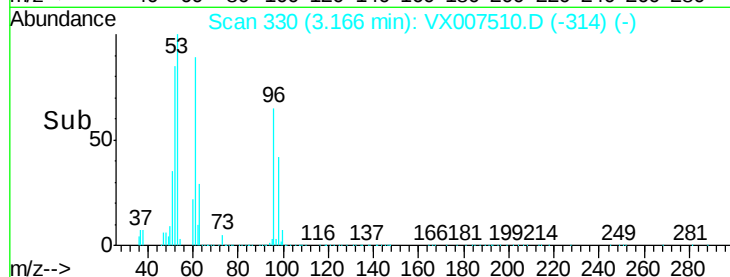
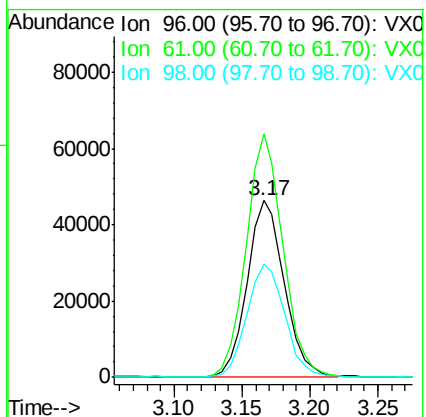
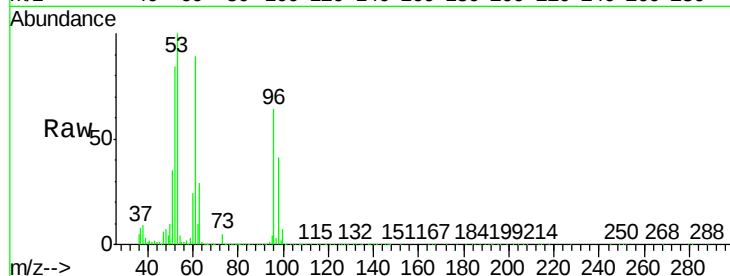
Tgt Ion: 96 Resp: 89033

Ion Ratio Lower Upper

96 100

61 137.5 109.9 164.9

98 64.1 50.4 75.6



#20

Diisopropyl ether

Concen: 19.638 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion: 45 Resp: 278236

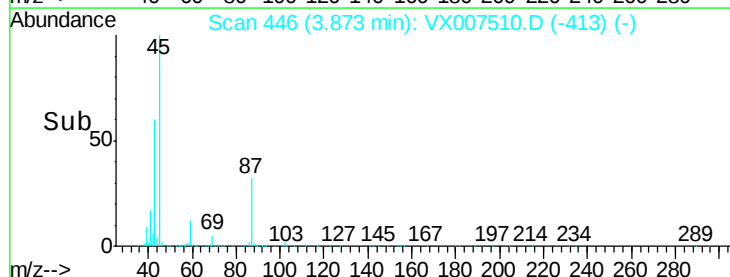
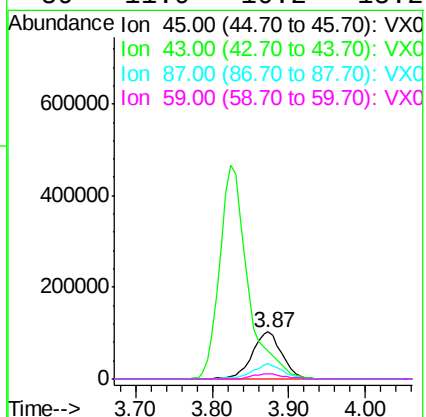
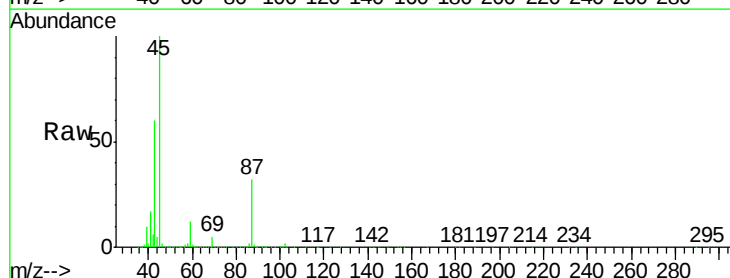
Ion Ratio Lower Upper

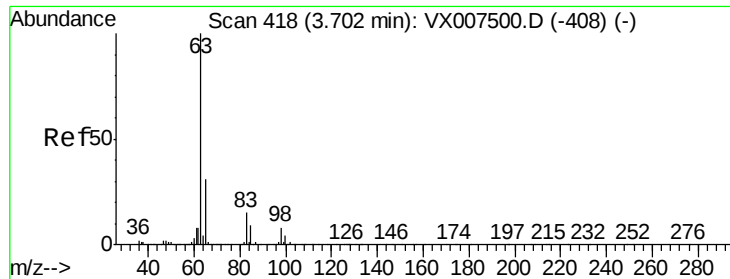
45 100

43 60.3 50.6 76.0

87 32.3 24.5 36.7

59 11.9 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.863 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

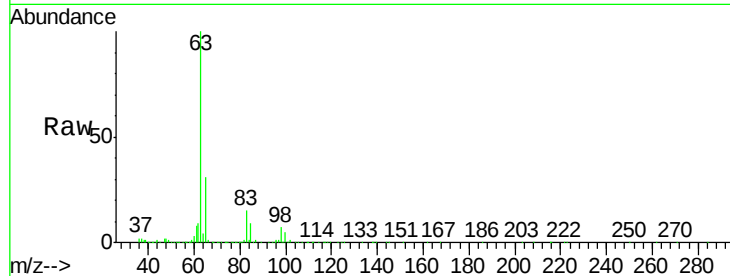
Tgt Ion: 63 Resp: 157778

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

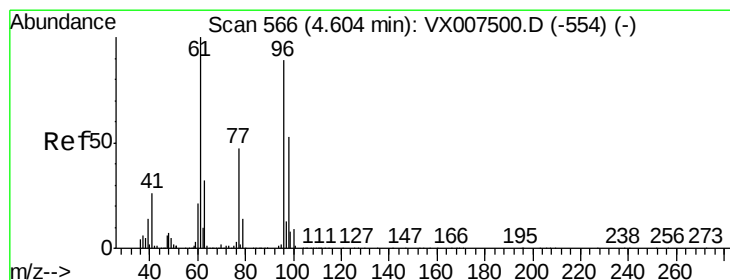
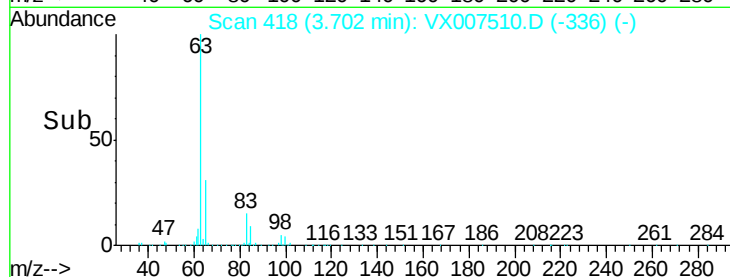
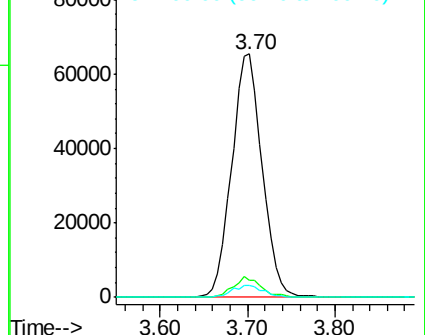
100 4.9 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.418 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

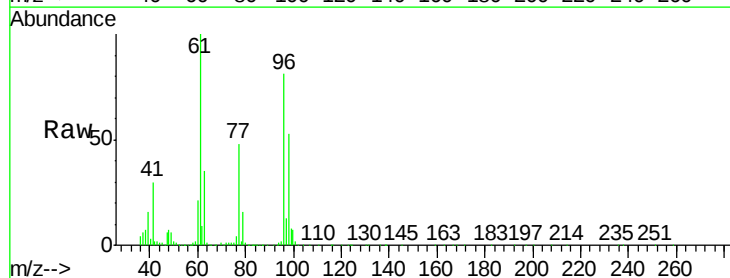
Tgt Ion: 96 Resp: 101134

Ion Ratio Lower Upper

96 100

61 128.0 103.5 155.3

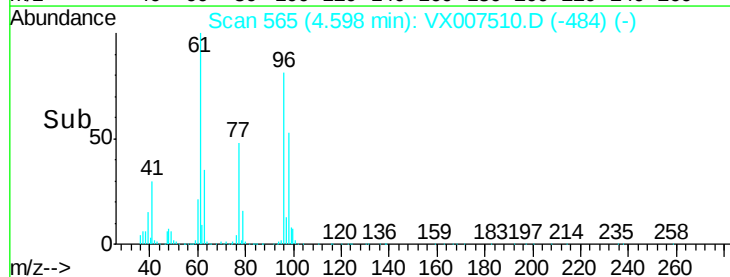
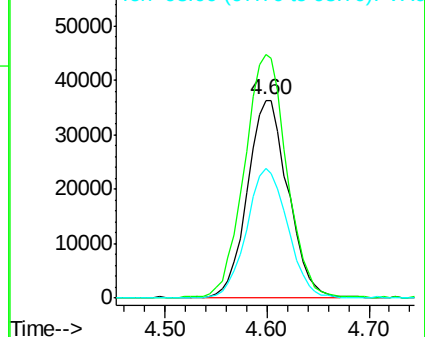
98 65.8 52.1 78.1

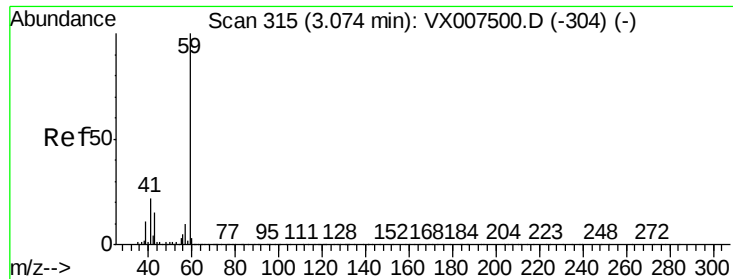


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

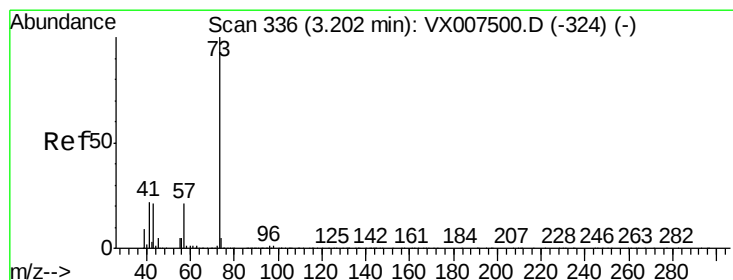
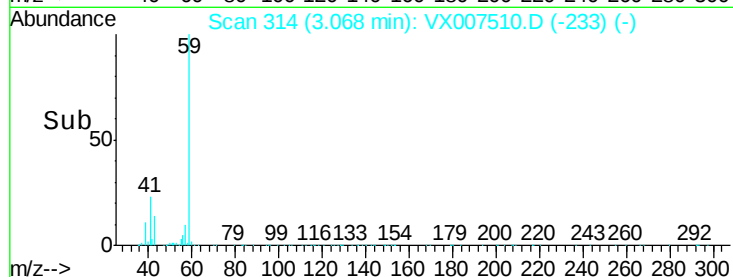
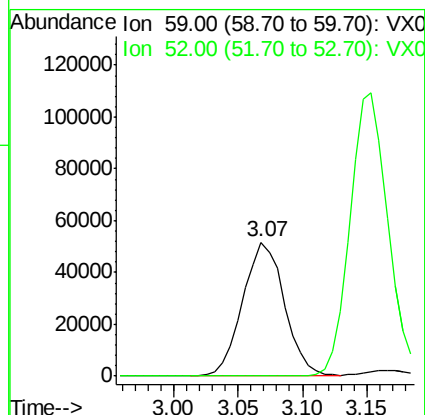
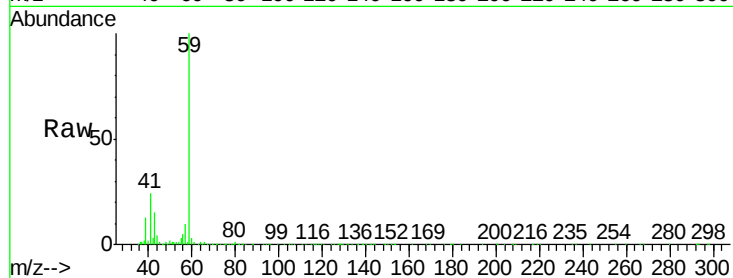




#23
 tert-Butyl Alcohol
 Concen: 99.125 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

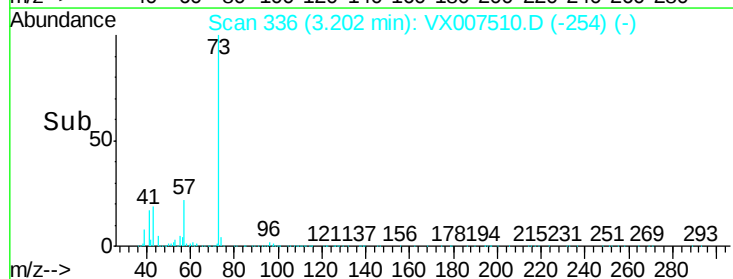
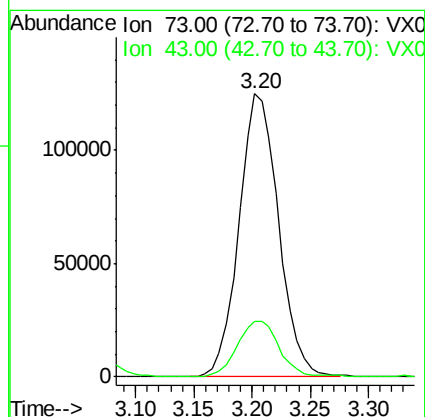
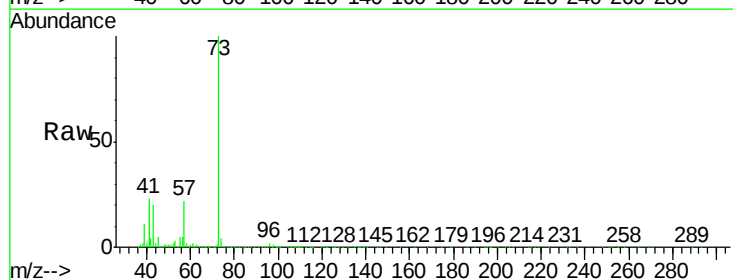
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

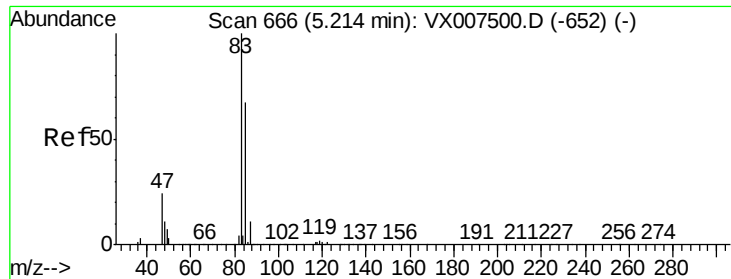
Tgt Ion: 59 Resp: 115843
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



#24
 Methyl tert-Butyl Ether
 Concen: 19.506 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion: 73 Resp: 296203
 Ion Ratio Lower Upper
 73 100
 43 20.2 17.1 25.7

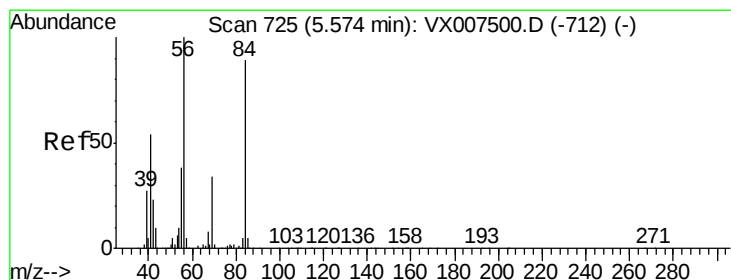
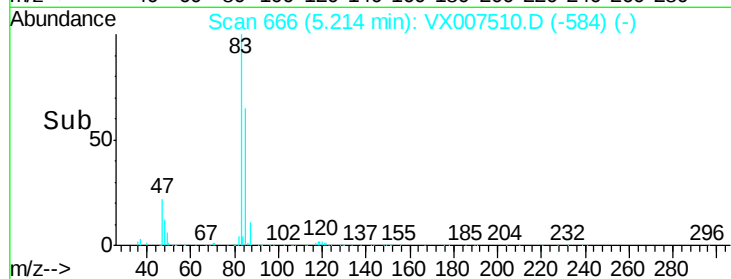
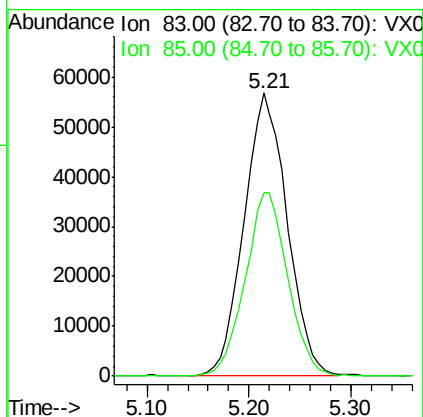
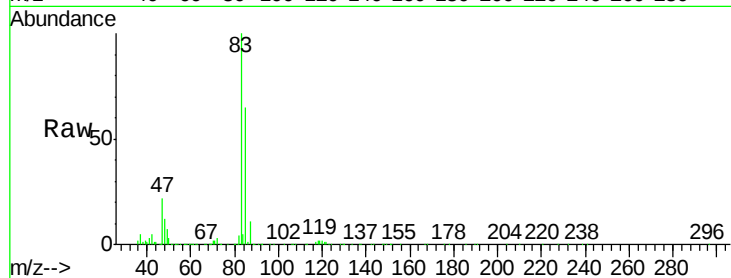




#25
Chloroform
Concen: 19.807 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

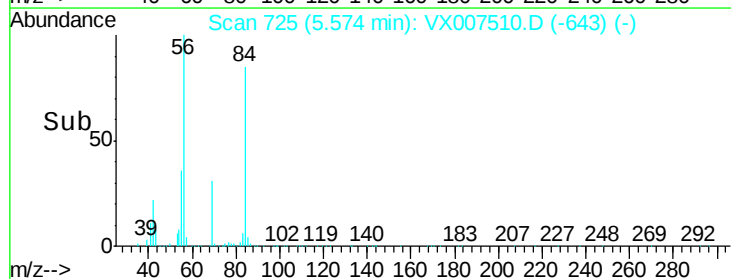
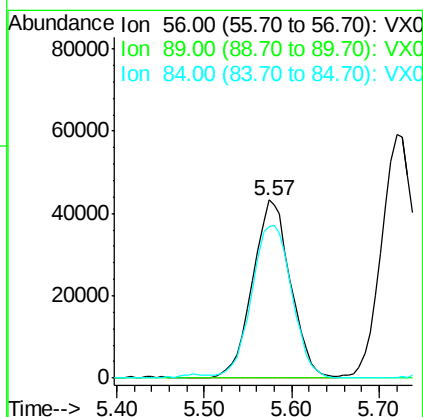
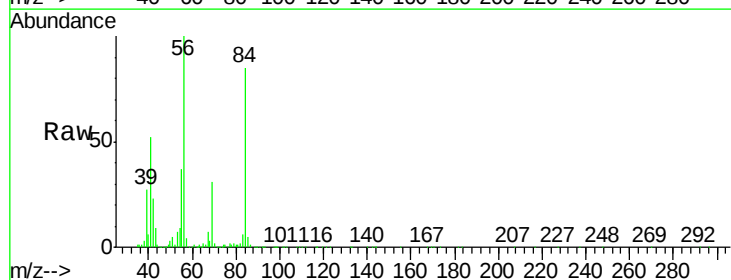
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

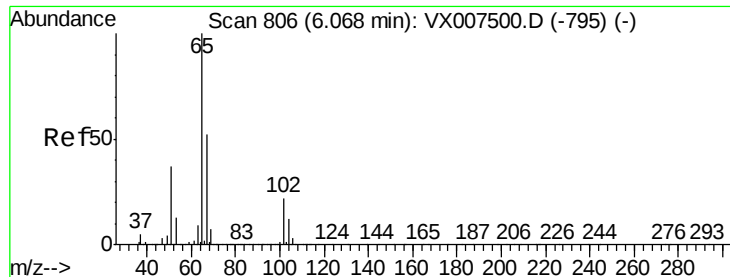
Tgt Ion: 83 Resp: 166167
Ion Ratio Lower Upper
83 100
85 64.7 53.8 80.6



#26
Cyclohexane
Concen: 19.563 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 56 Resp: 130301
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 91.2 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.415 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

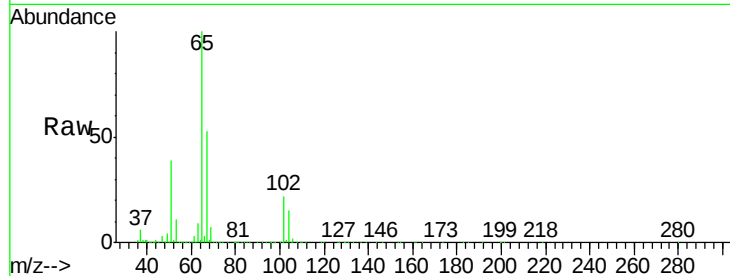
VSTDCCC020EC

Tgt Ion: 65 Resp: 151552

Ion Ratio Lower Upper

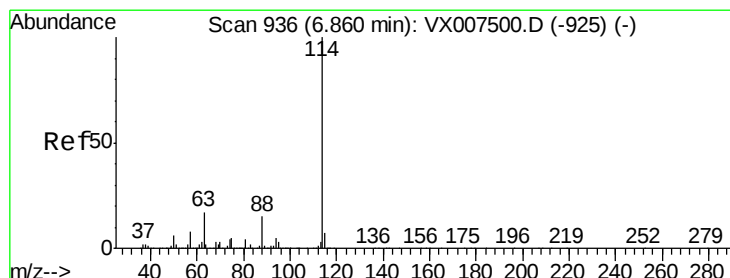
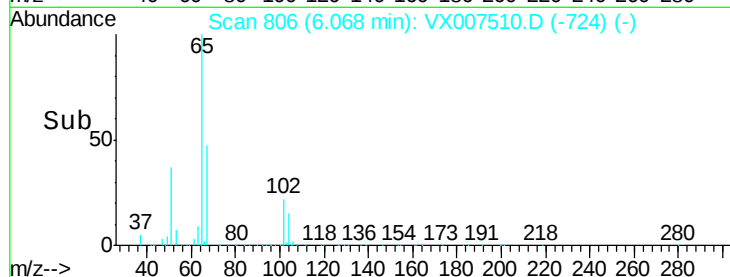
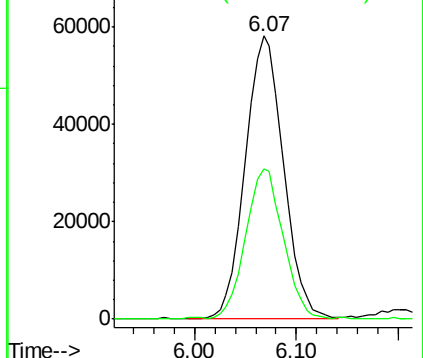
65 100

67 51.8 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

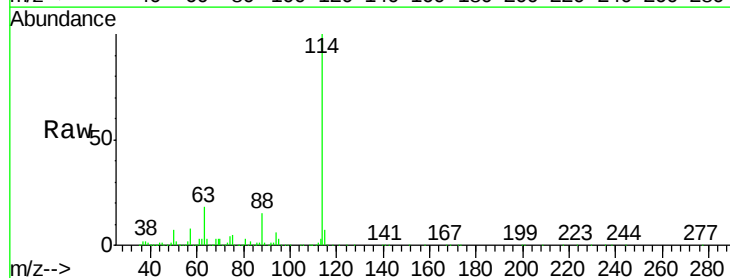
Tgt Ion: 114 Resp: 413716

Ion Ratio Lower Upper

114 100

63 18.0 14.2 21.4

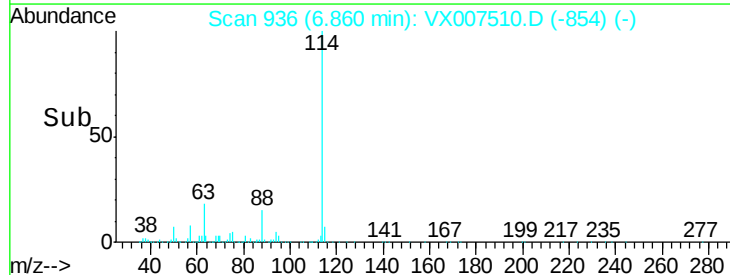
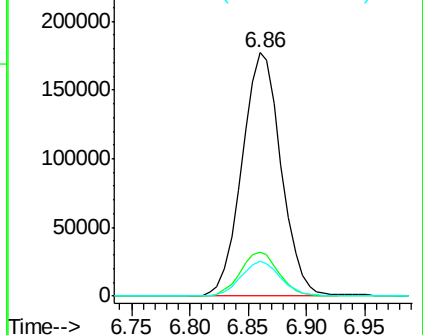
88 14.6 11.9 17.9

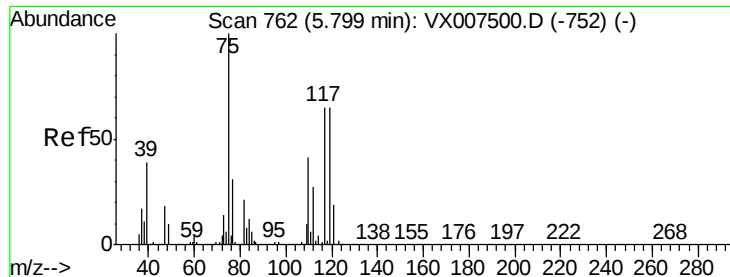


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

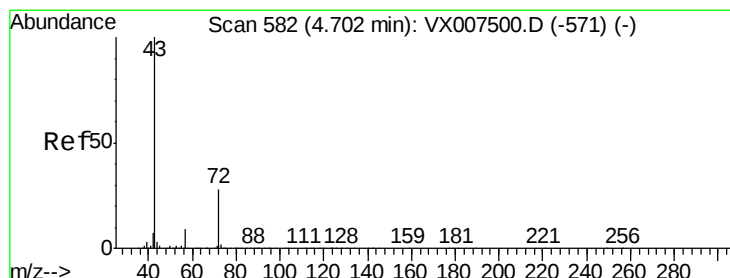
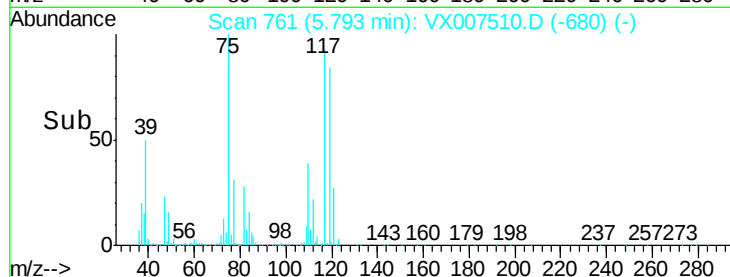
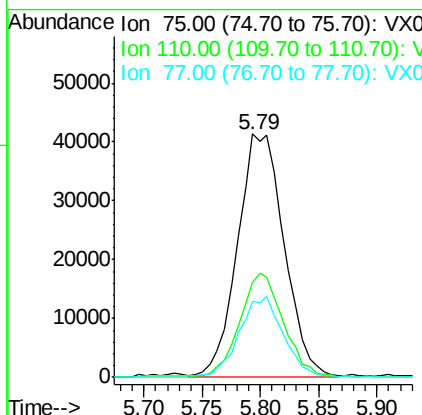
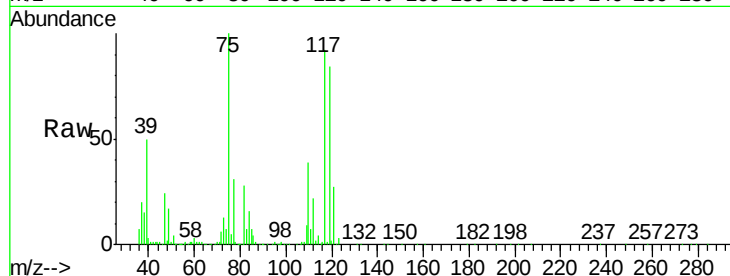




#29
 1,1-Dichloropropene
 Concen: 20.002 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

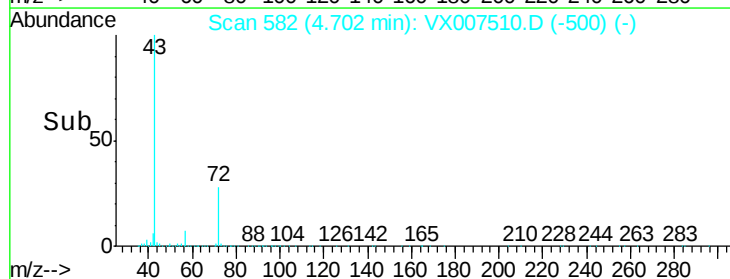
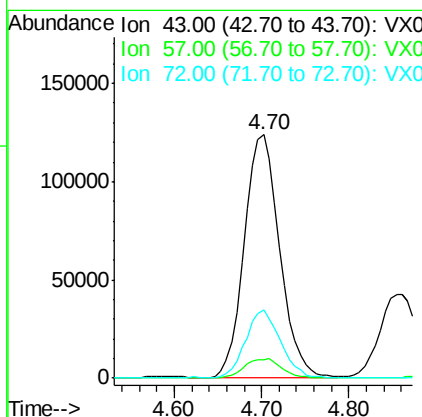
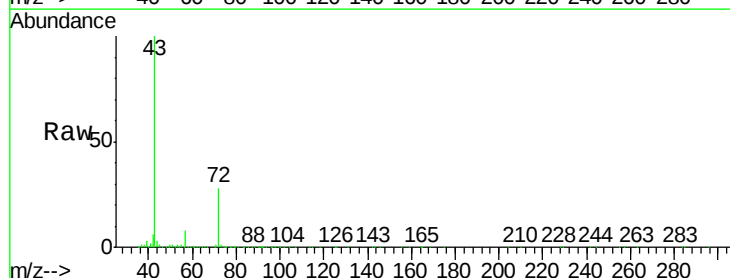
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

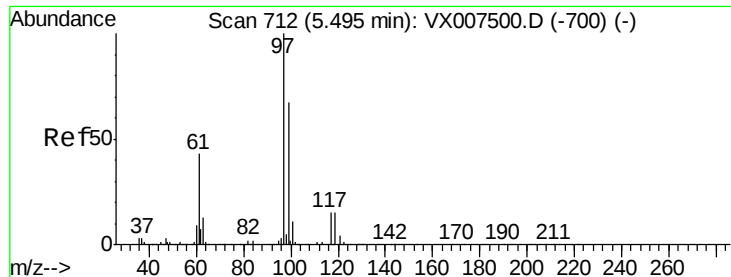
Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	0.0	80.8
77	30.5	0.0	62.4



#30
 2-Butanone
 Concen: 102.077 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	7.0	10.6
72	27.5	21.5	32.3





#32

1,1,1-Trichloroethane

Concen: 20.086 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

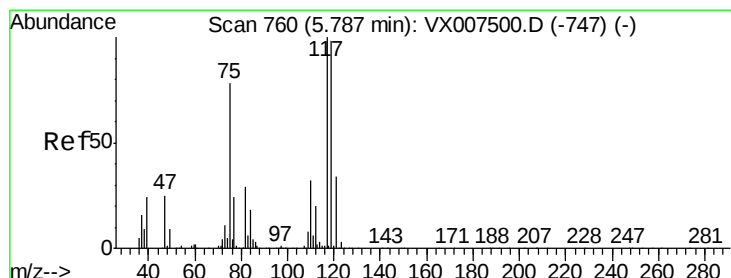
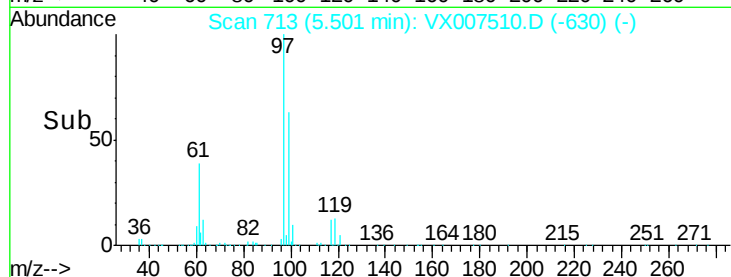
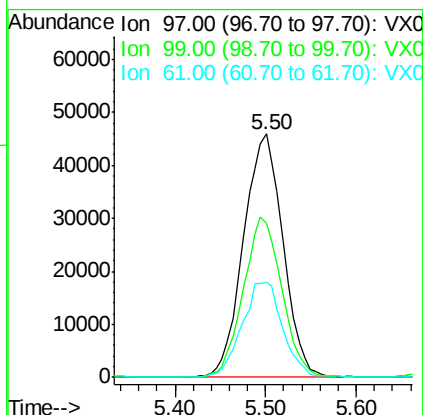
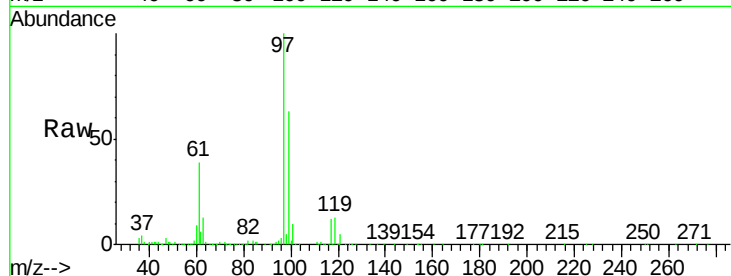
Tgt Ion: 97 Resp: 138551

Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 20.5 32.8 49.2#



#33

Carbon Tetrachloride

Concen: 19.618 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

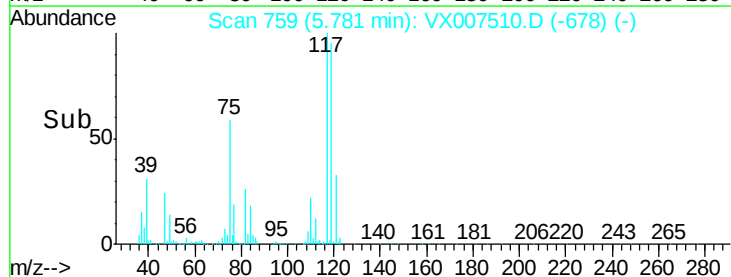
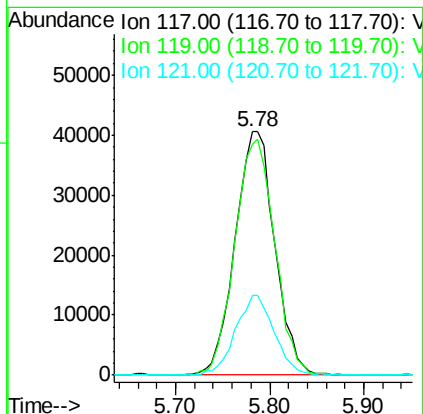
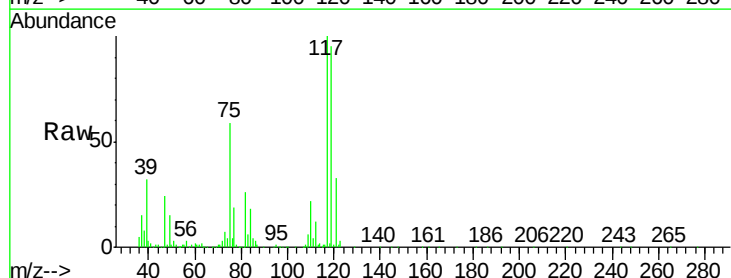
Tgt Ion: 117 Resp: 119623

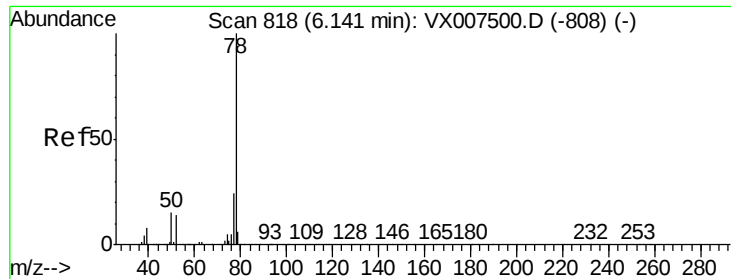
Ion Ratio Lower Upper

117 100

119 94.3 78.1 117.1

121 32.6 27.0 40.6





#34

Benzene

Concen: 20.303 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

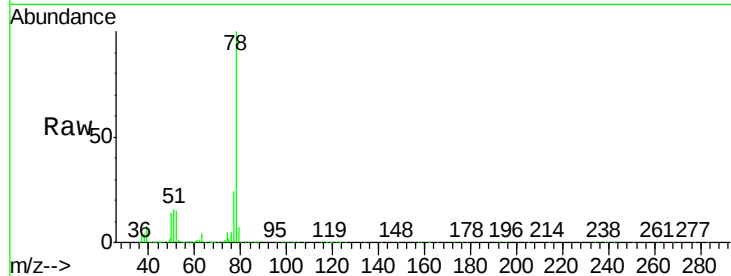
Tgt Ion: 78 Resp: 369358

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

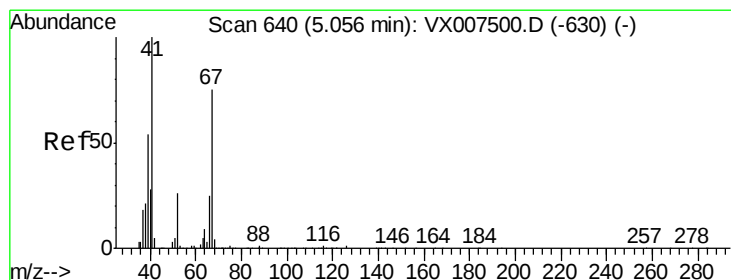
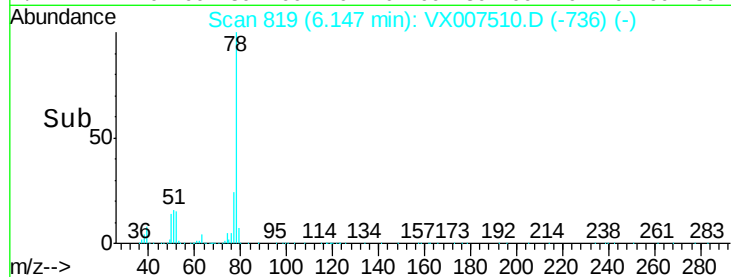
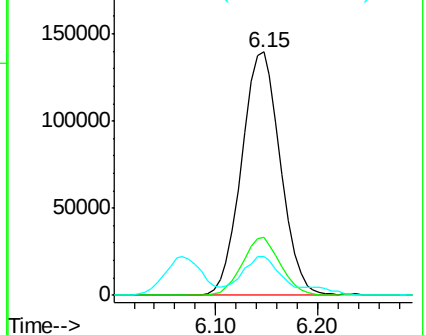
51 14.2 10.8 16.2



Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#35

Methacrylonitrile

Concen: 19.909 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion: 41 Resp: 70693

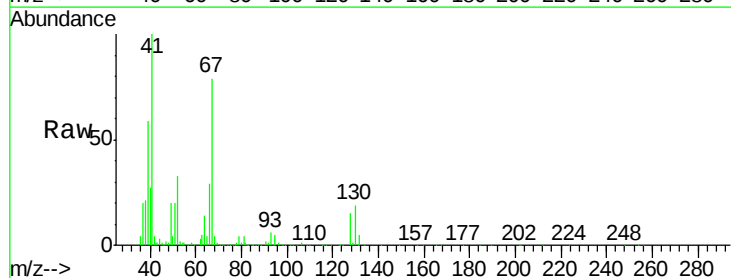
Ion Ratio Lower Upper

41 100

39 56.2 27.4 82.0

67 79.2 37.9 113.6

52 32.6 13.3 39.9

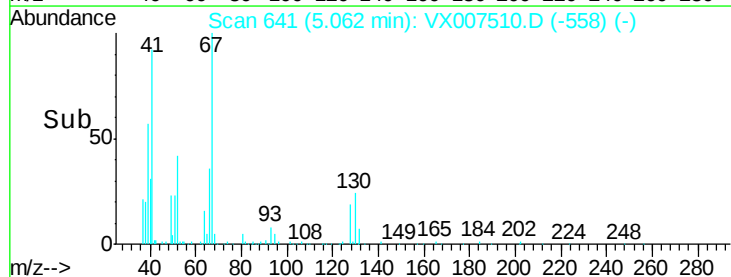
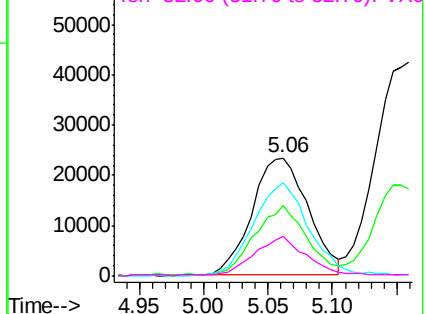


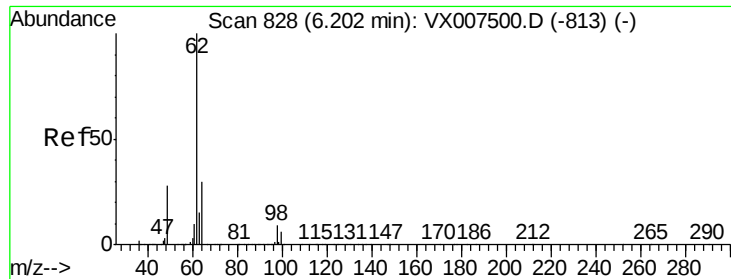
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

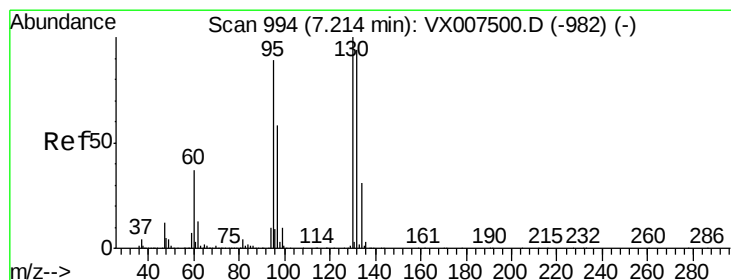
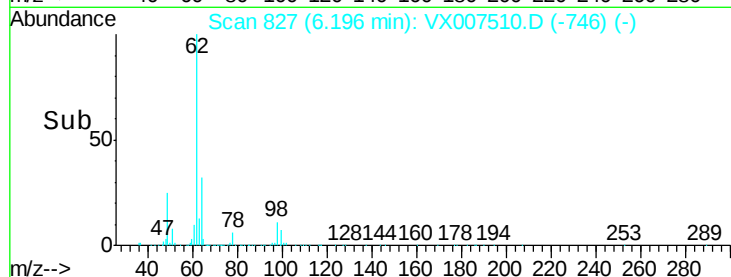
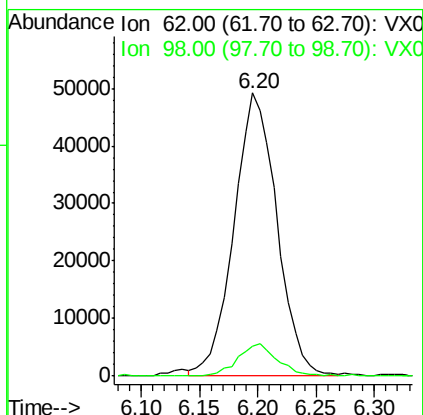
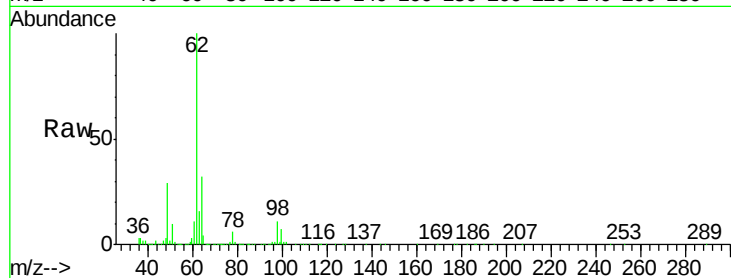




#36
1,2-Dichloroethane
Concen: 20.390 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

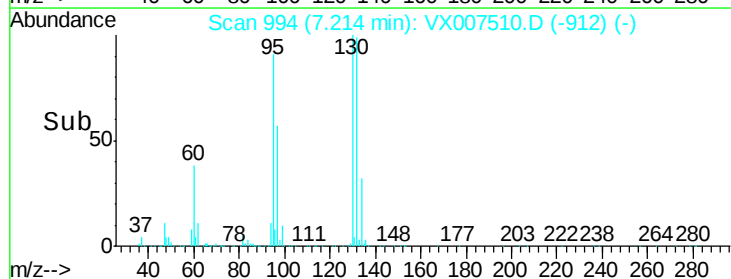
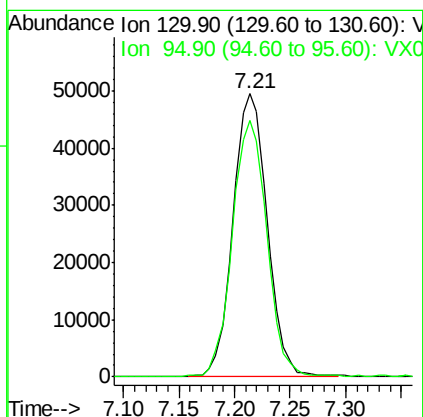
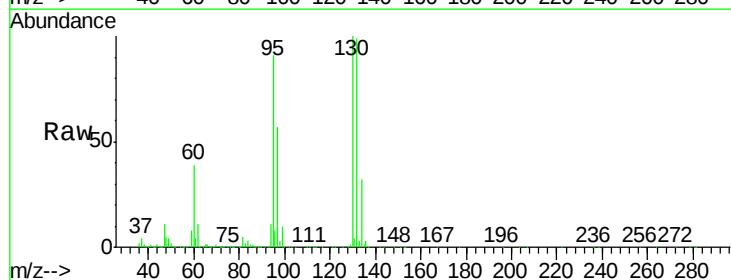
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

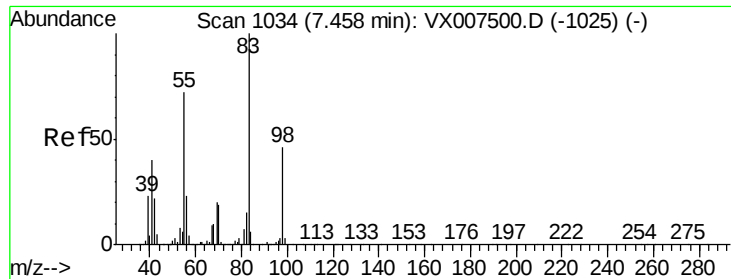
Tgt Ion: 62 Resp: 126239
Ion Ratio Lower Upper
62 100
98 10.6 7.8 11.8



#37
Trichloroethene
Concen: 20.159 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 130 Resp: 105444
Ion Ratio Lower Upper
130 100
95 90.2 71.3 106.9

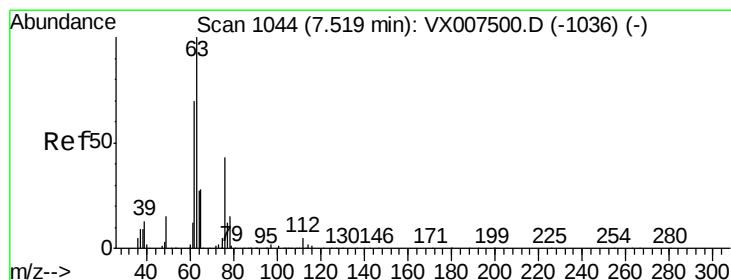
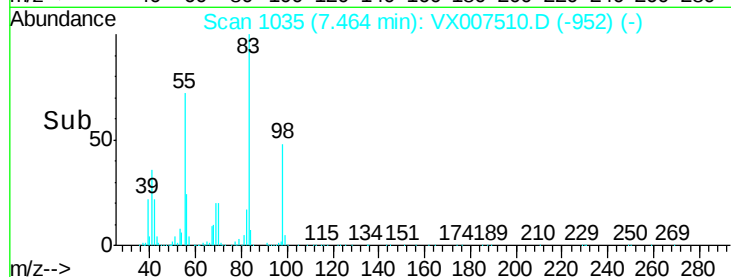
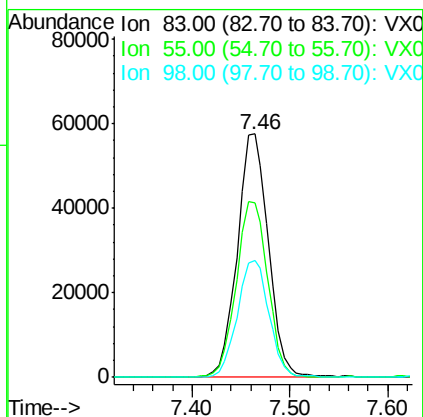
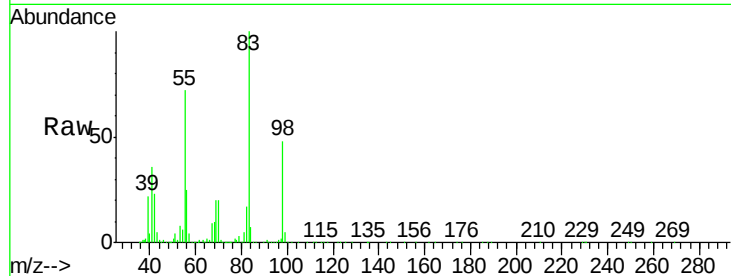




#38
Methylcyclohexane
Concen: 19.021 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

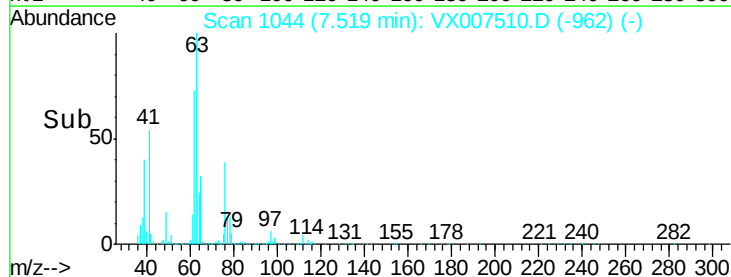
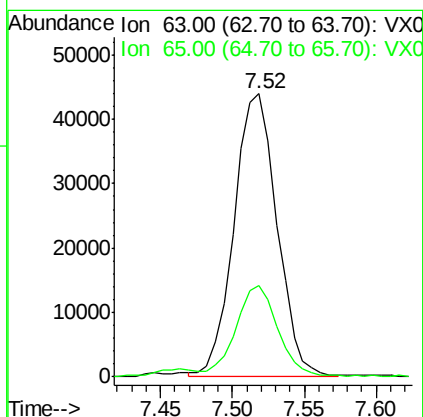
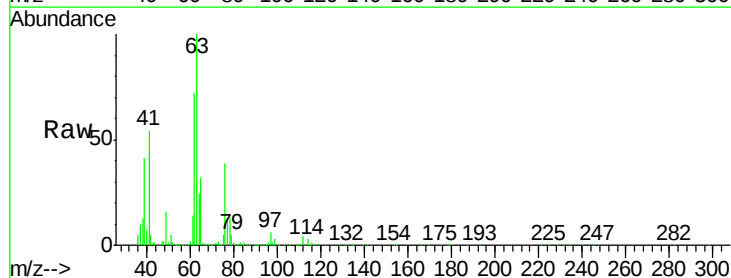
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

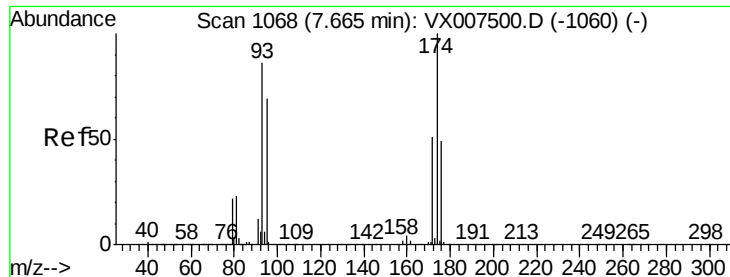
Tgt Ion: 83 Resp: 127071
Ion Ratio Lower Upper
83 100
55 72.5 36.0 108.0
98 48.8 23.8 71.4



#39
1,2-Dichloropropane
Concen: 20.077 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 63 Resp: 90850
Ion Ratio Lower Upper
63 100
65 31.9 24.6 37.0





#40

Dibromomethane

Concen: 20.146 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

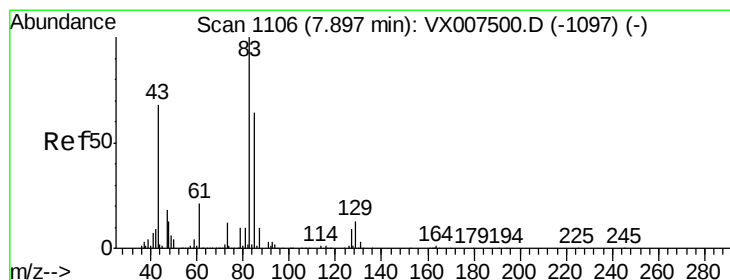
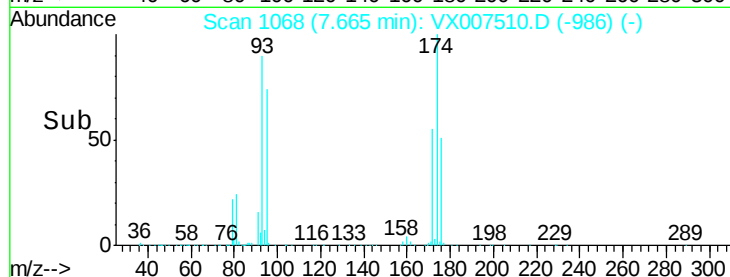
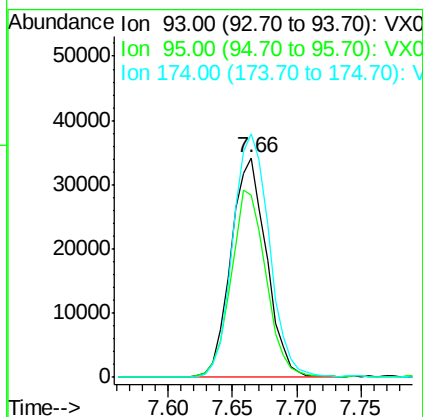
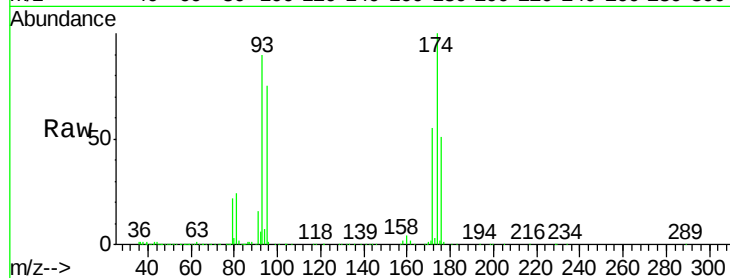
Tgt Ion: 93 Resp: 65840

Ion Ratio Lower Upper

93 100

95 82.9 0.0 158.8

174 113.6 0.0 224.2



#41

Bromodichloromethane

Concen: 19.842 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

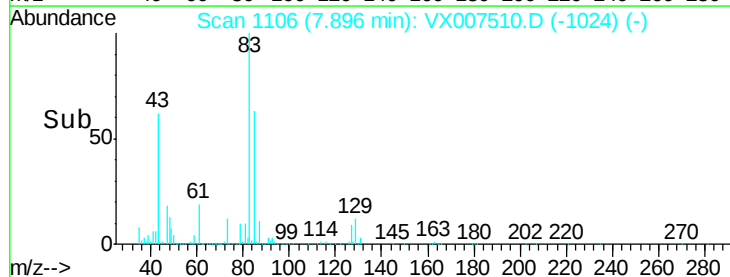
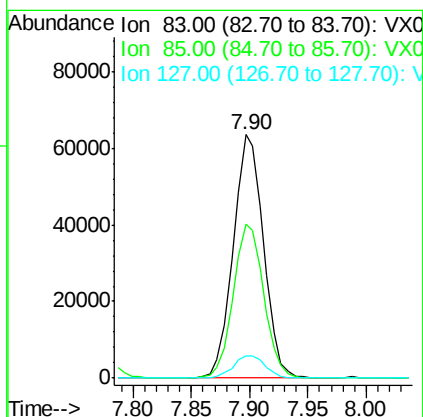
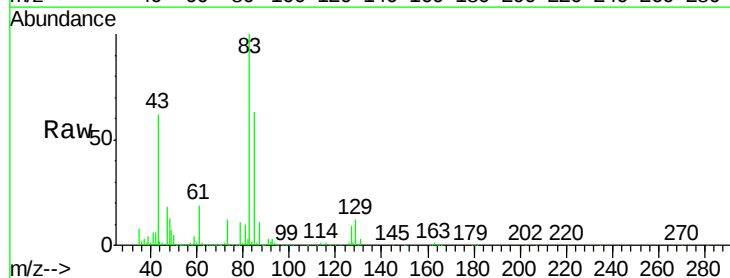
Tgt Ion: 83 Resp: 115077

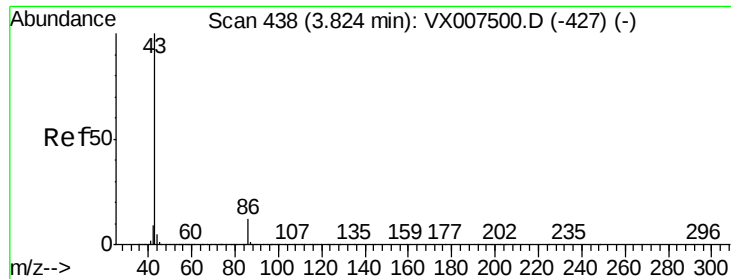
Ion Ratio Lower Upper

83 100

85 63.1 51.1 76.7

127 9.1 7.2 10.8





#42

Vinyl Acetate

Concen: 99.275 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

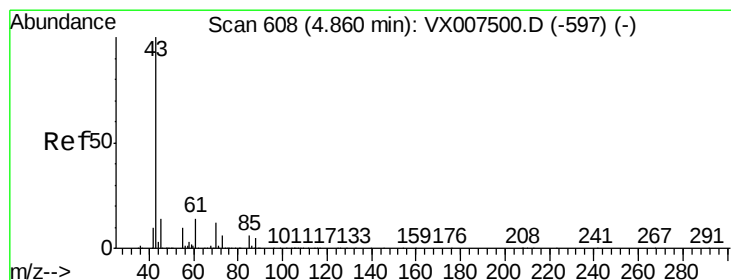
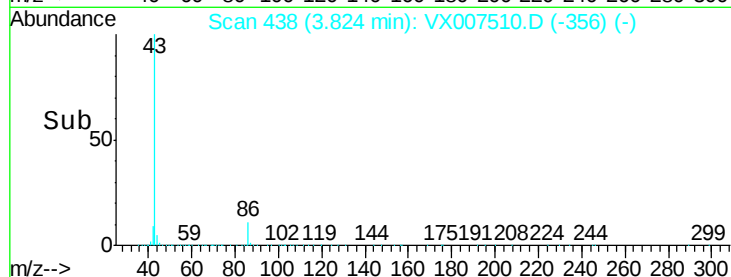
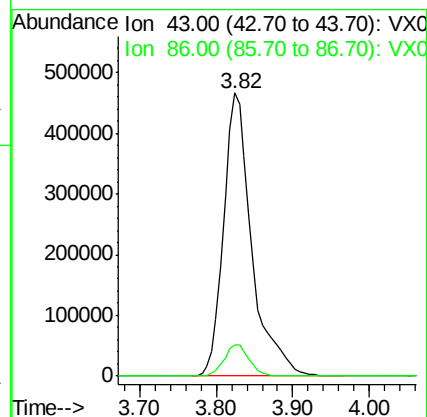
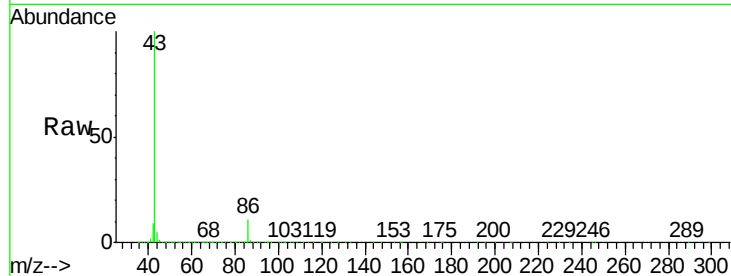
VSTDCCC020EC

Tgt Ion: 43 Resp: 1186730

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.2



#43

Ethyl Acetate

Concen: 19.868 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX007510.D

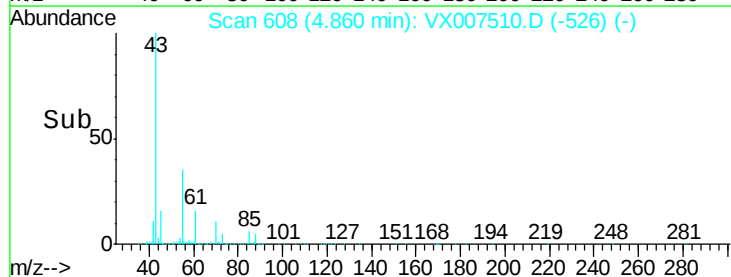
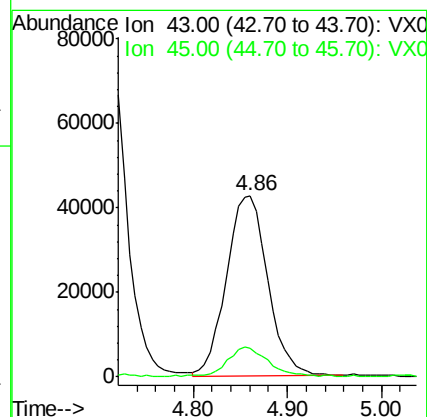
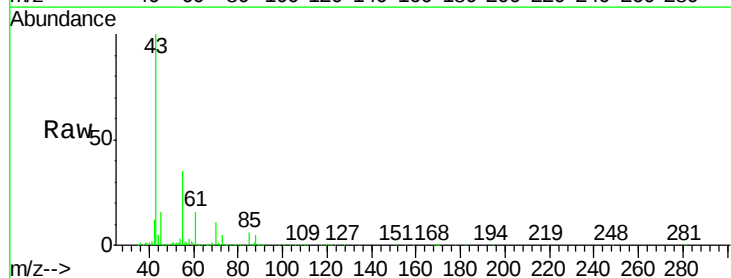
Acq: 13 Feb 2019 03:55

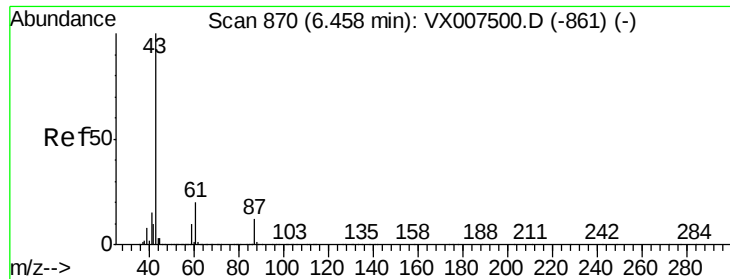
Tgt Ion: 43 Resp: 129941

Ion Ratio Lower Upper

43 100

45 16.1 6.9 10.3#



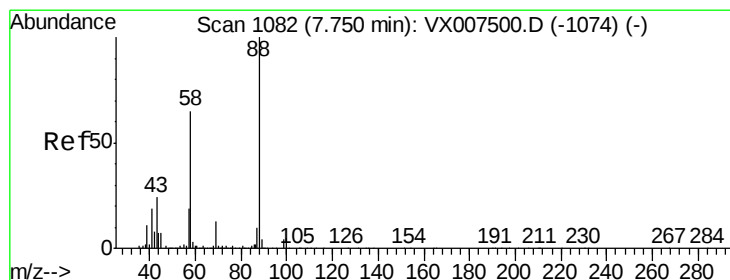
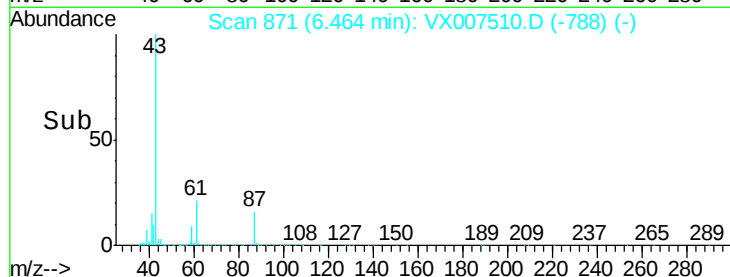
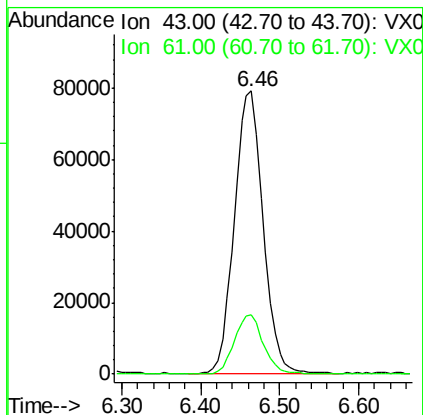
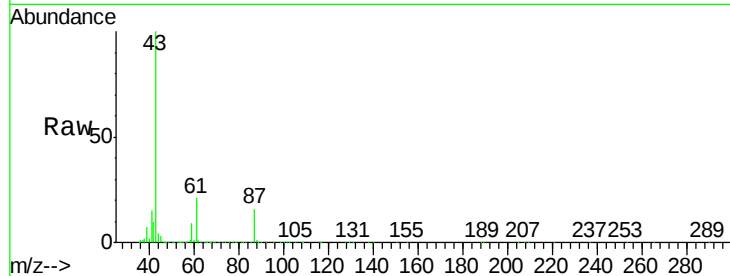


#44

Isopropyl Acetate
 Concen: 19.821 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

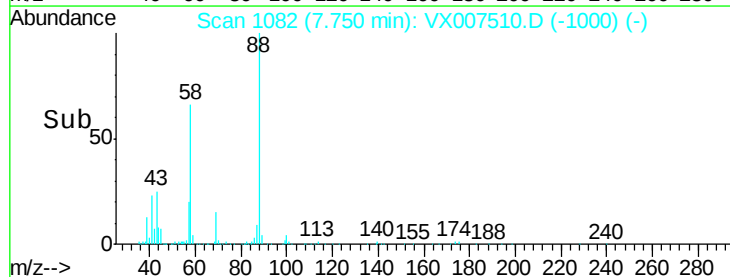
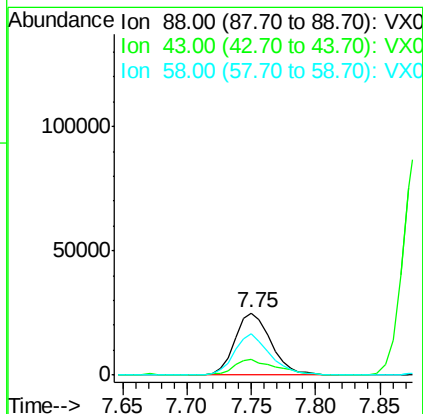
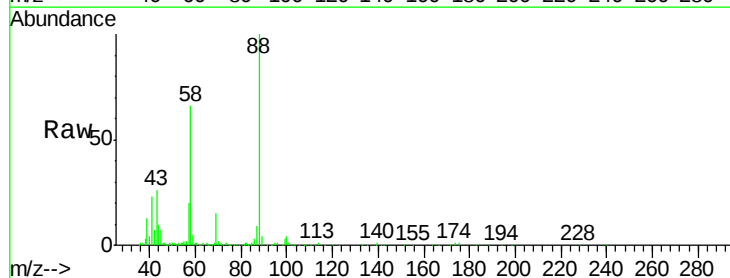
Tgt Ion: 43 Resp: 200145
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.1 24.1

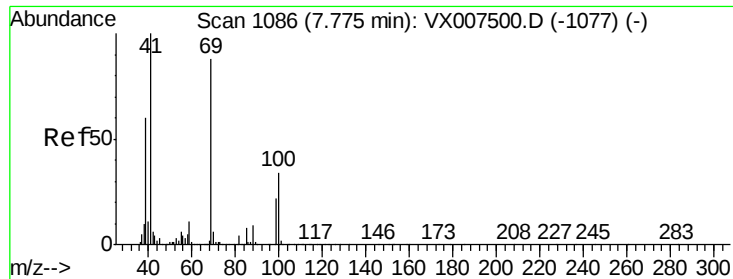


#45

1,4-Dioxane
 Concen: 410.714 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion: 88 Resp: 48946
 Ion Ratio Lower Upper
 88 100
 43 27.9 23.6 35.4
 58 64.0 51.6 77.4

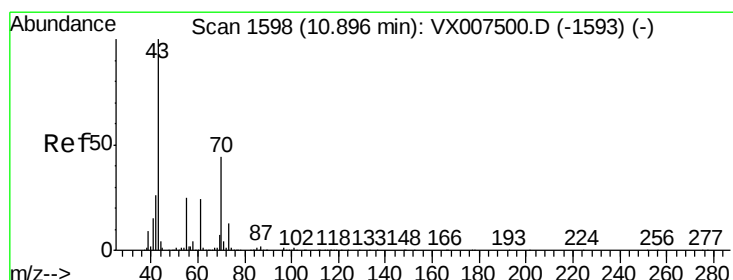
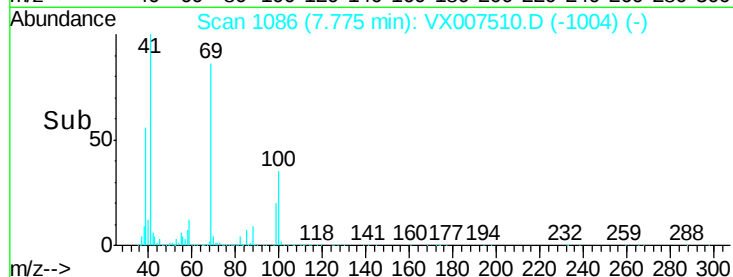
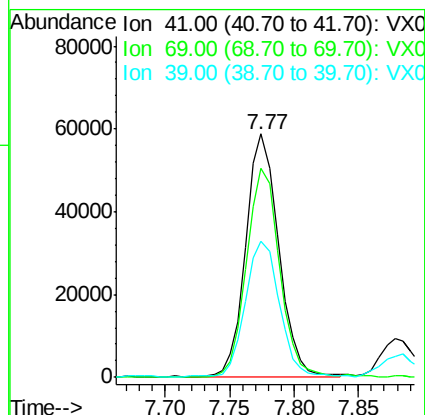
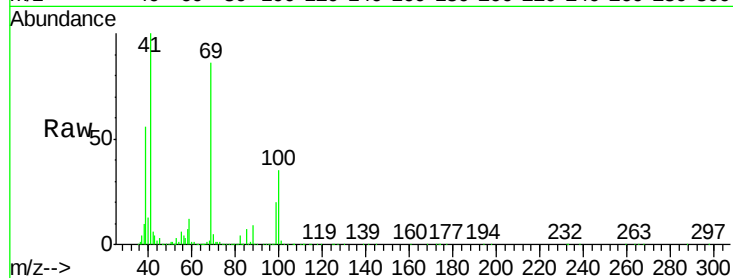




#46
Methyl methacrylate
Concen: 20.222 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

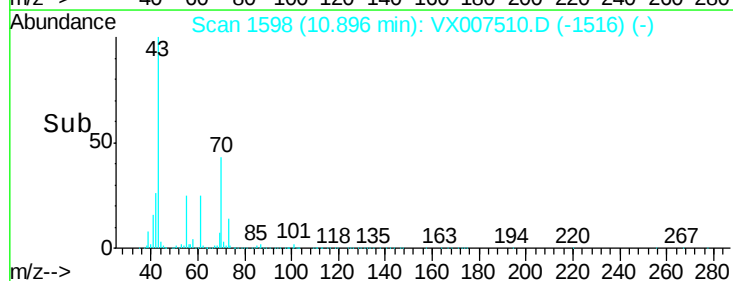
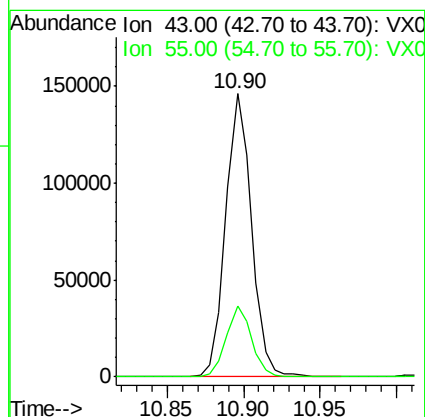
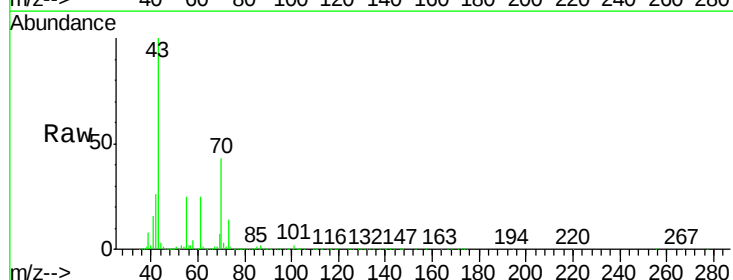
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

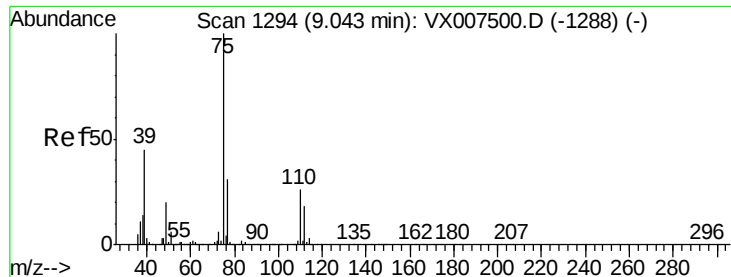
Tgt Ion: 41 Resp: 103401
Ion Ratio Lower Upper
41 100
69 85.6 44.2 132.6
39 55.5 29.9 89.8



#47
n-ethyl acetate
Concen: 19.171 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 43 Resp: 170628
Ion Ratio Lower Upper
43 100
55 24.5 20.8 31.2

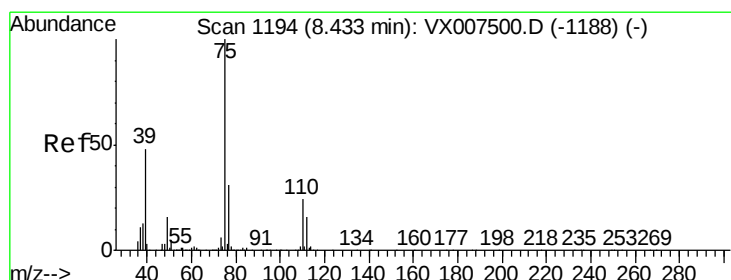
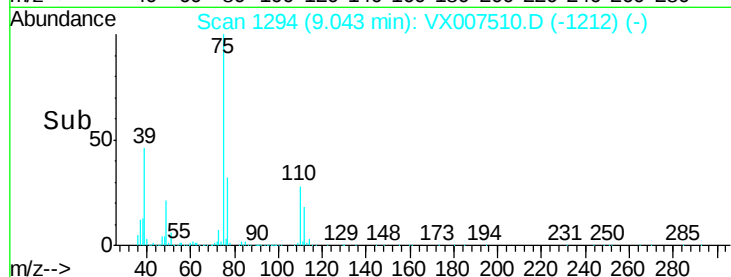
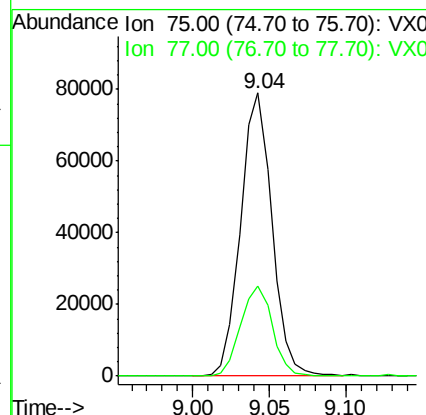
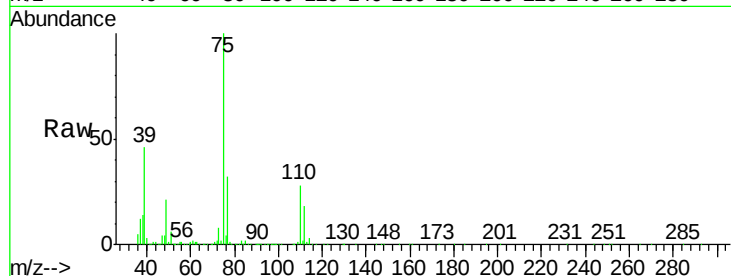




#48
t-1,3-Dichloropropene
Concen: 18.788 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

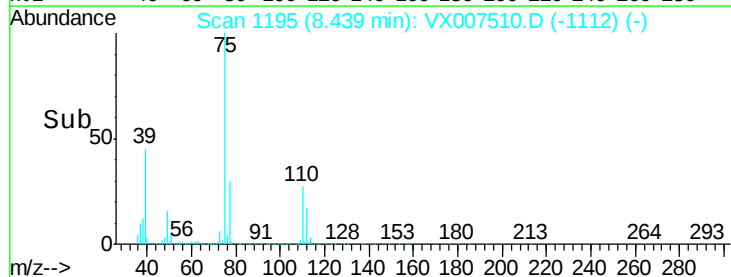
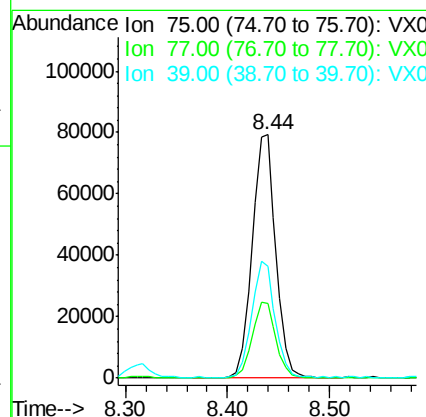
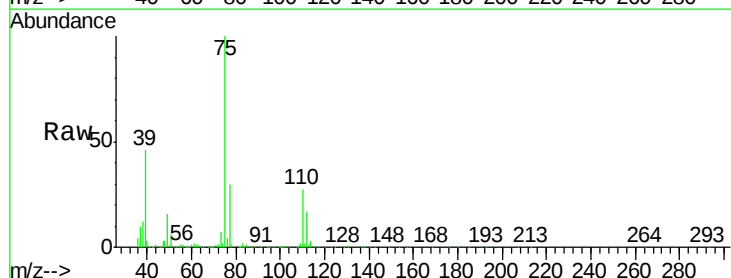
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

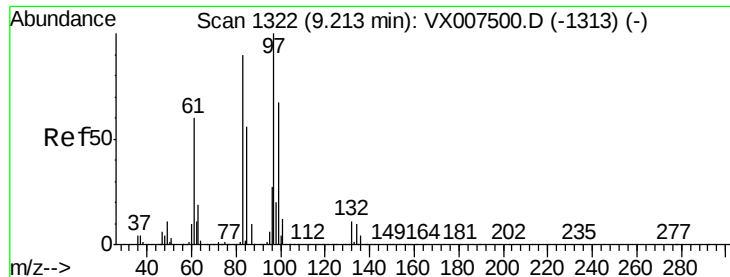
Tgt Ion: 75 Resp: 112486
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7



#49
cis-1,3-Dichloropropene
Concen: 19.230 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 75 Resp: 128212
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4
39 45.5 38.5 57.7

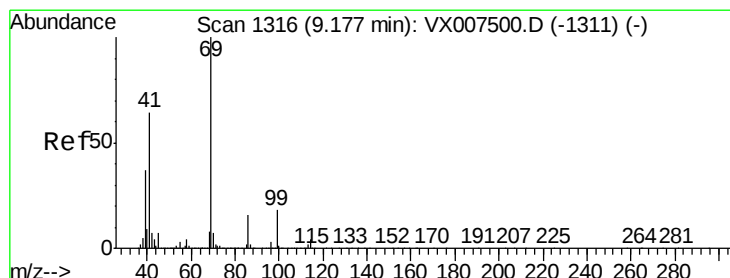
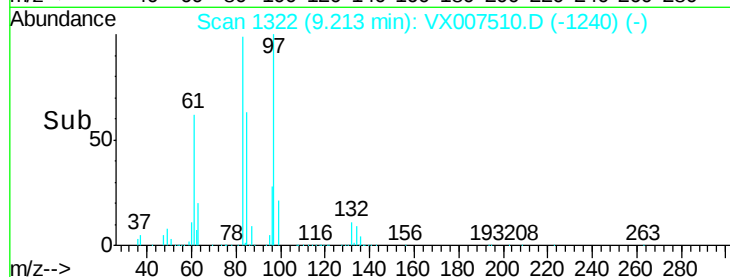
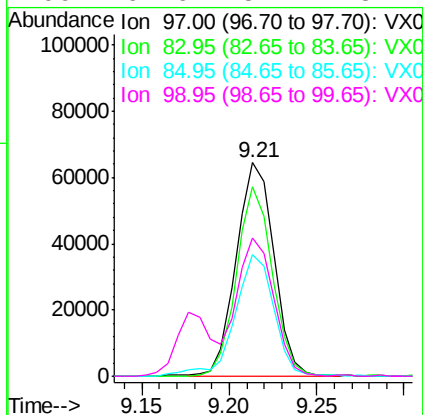
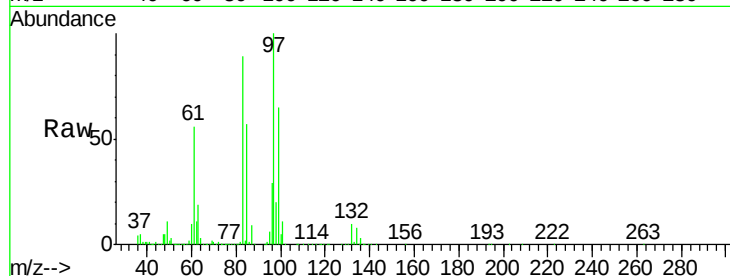




#50
 1,1,2-Trichloroethane
 Concen: 20.344 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

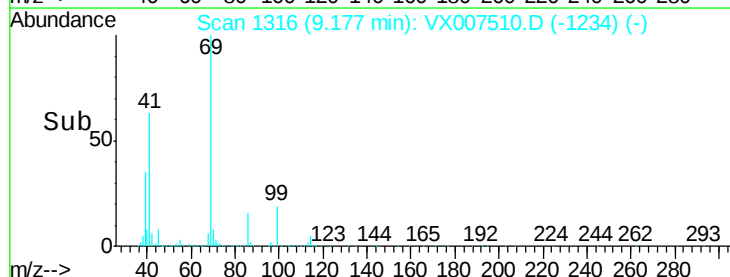
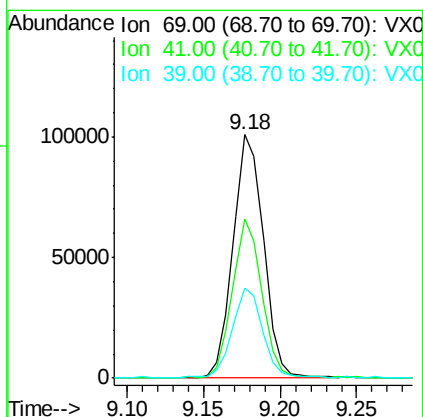
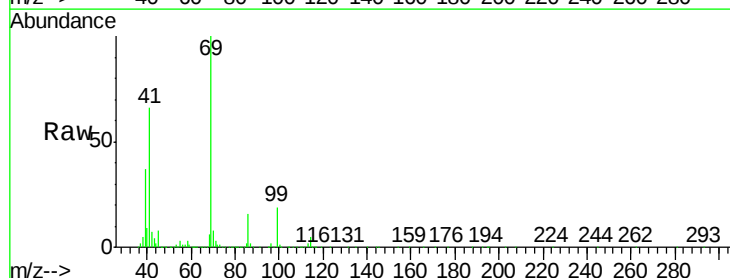
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

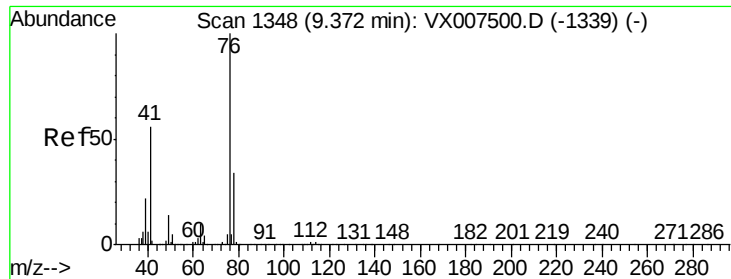
Tgt Ion:	97	Resp:	96943
Ion	Ratio	Lower	Upper
97	100		
83	89.0	72.0	108.0
85	56.9	45.0	67.6
99	64.6	54.2	81.4



#51
 Ethyl methacrylate
 Concen: 20.124 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion:	69	Resp:	139024
Ion	Ratio	Lower	Upper
69	100		
41	65.2	32.1	96.5
39	36.9	18.8	56.3





#52

1,3-Dichloropropane

Concen: 20.483 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

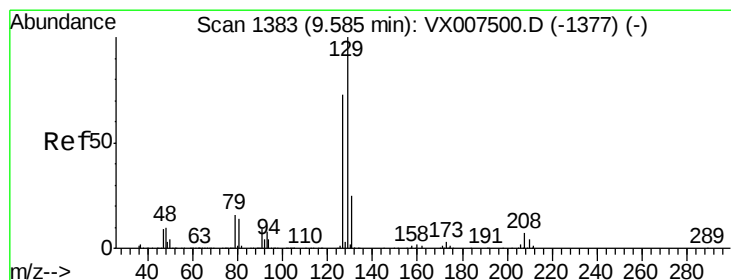
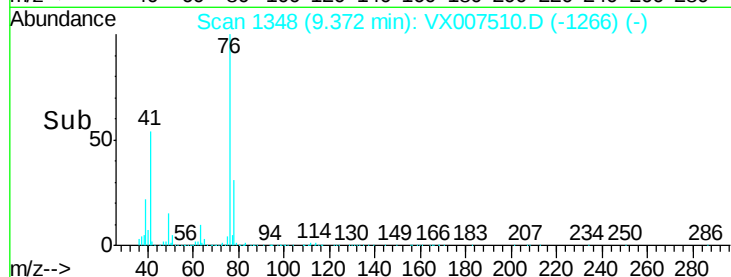
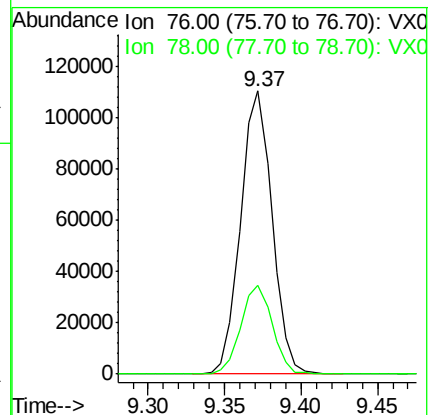
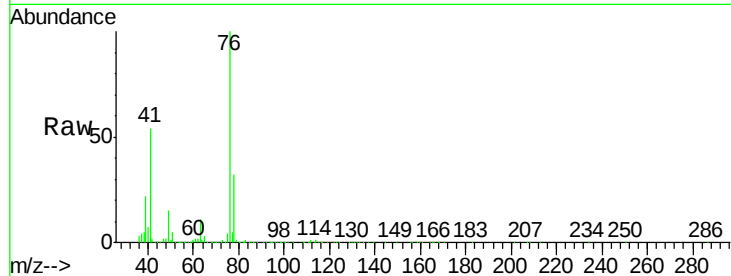
VSTDCCC020EC

Tgt Ion: 76 Resp: 157442

Ion Ratio Lower Upper

76 100

78 31.5 0.0 65.2



#53

Dibromochloromethane

Concen: 19.419 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007510.D

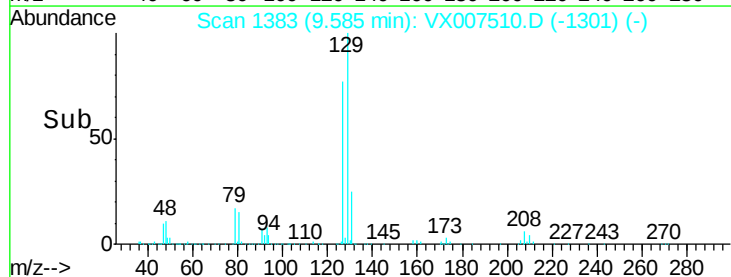
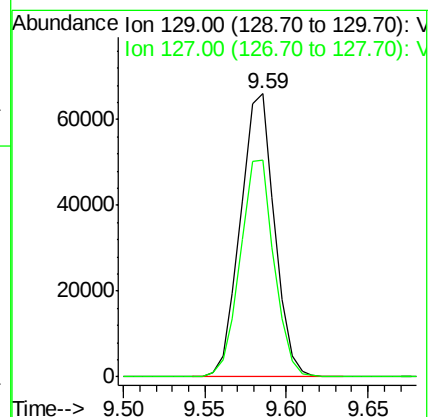
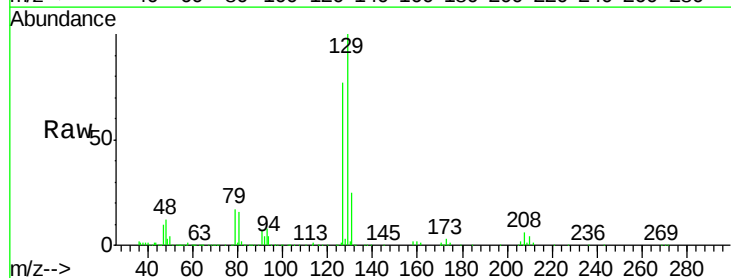
Acq: 13 Feb 2019 03:55

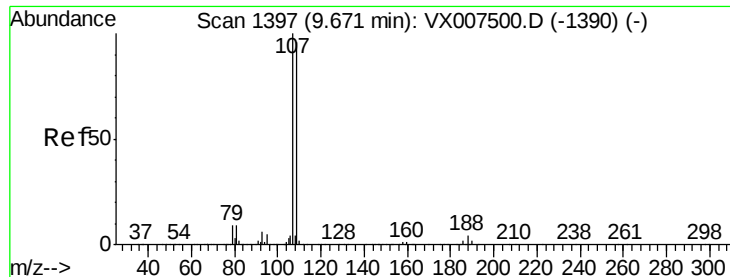
Tgt Ion: 129 Resp: 96248

Ion Ratio Lower Upper

129 100

127 76.2 38.4 115.2





#54

1,2-Dibromoethane

Concen: 20.420 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

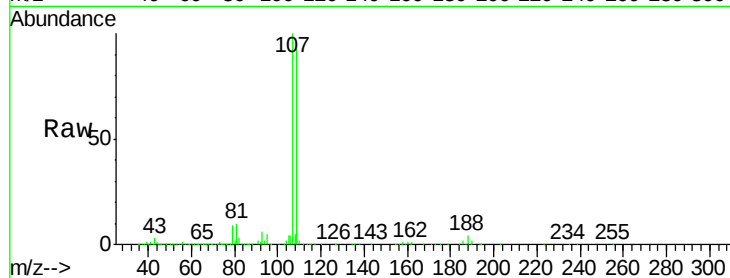
VSTDCCC020EC

Tgt Ion:107 Resp: 106548

Ion Ratio Lower Upper

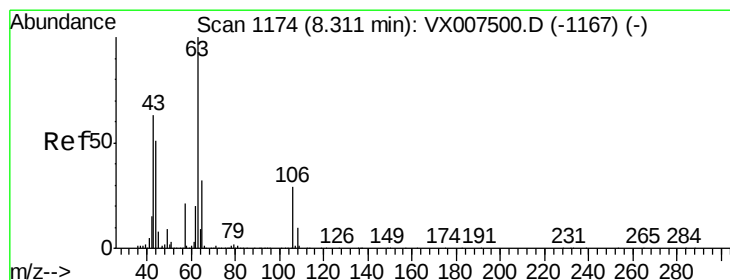
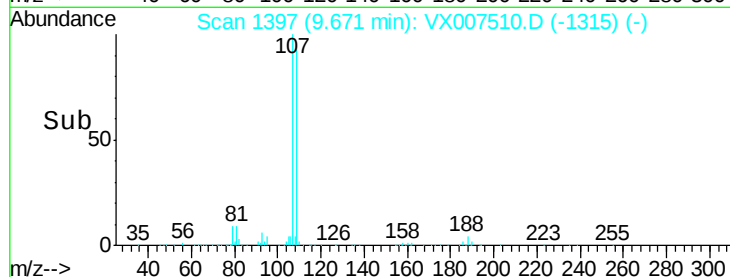
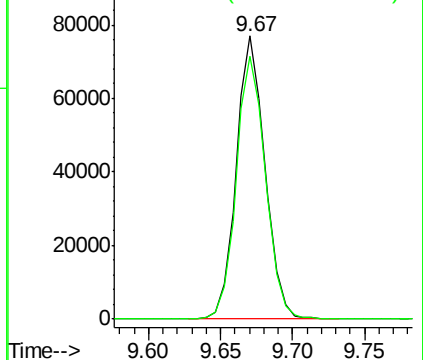
107 100

109 94.0 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 94.995 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

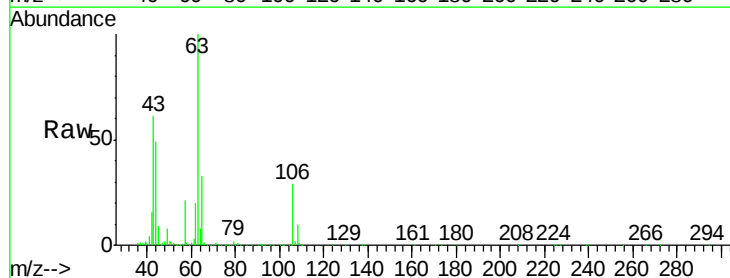
Tgt Ion: 63 Resp: 333651

Ion Ratio Lower Upper

63 100

65 32.5 25.7 38.5

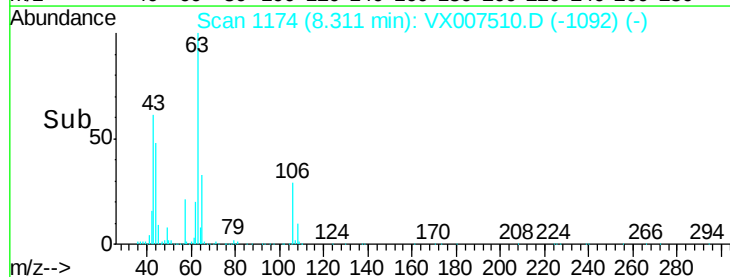
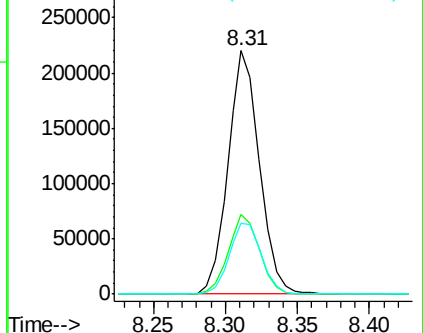
106 30.2 23.7 35.5

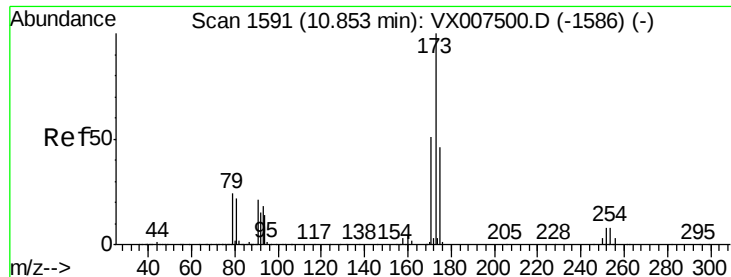


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

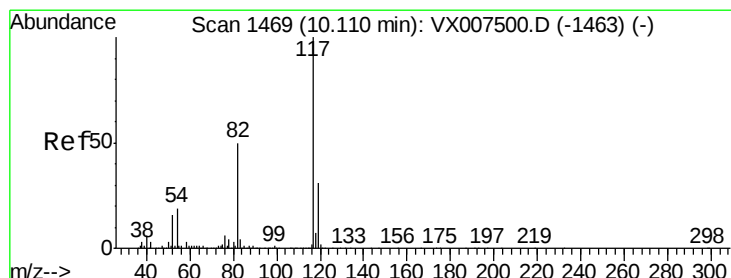
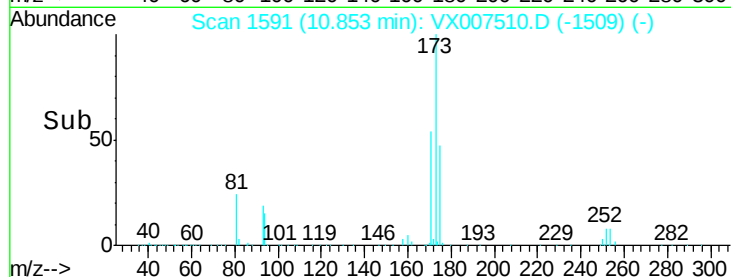
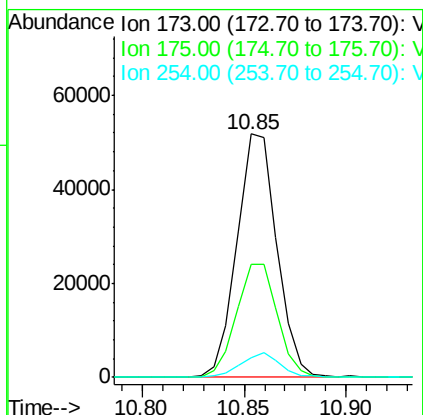
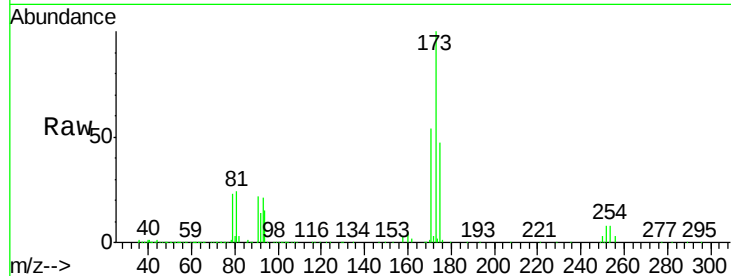




#56
Bromoform
Concen: 18.858 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

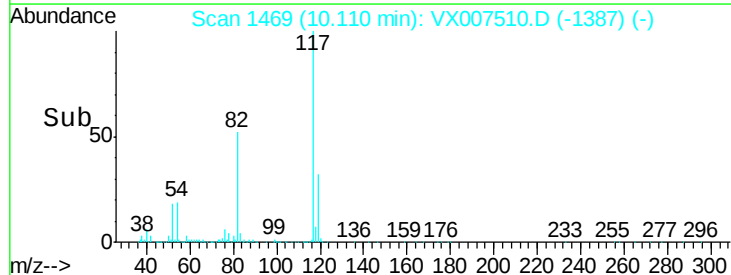
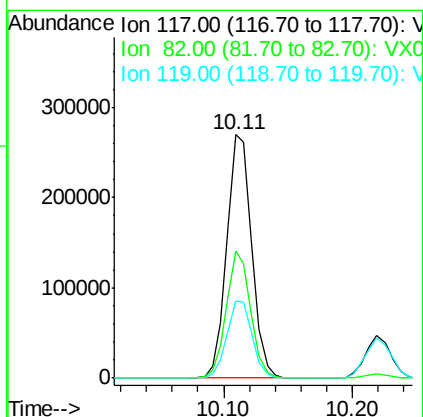
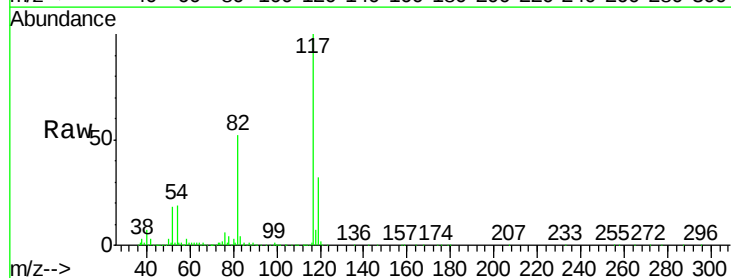
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

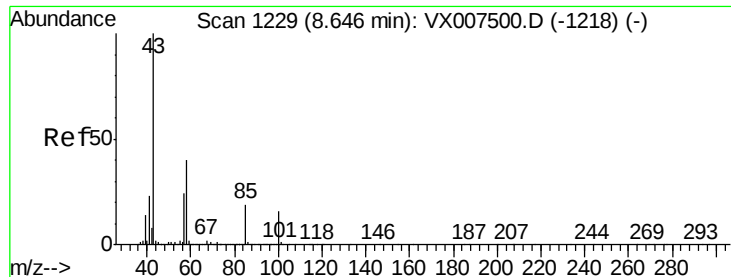
Tgt Ion:173 Resp: 70502
Ion Ratio Lower Upper
173 100
175 48.0 38.5 57.7
254 9.9 7.4 11.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion:117 Resp: 367503
Ion Ratio Lower Upper
117 100
82 50.9 40.4 60.6
119 32.2 25.8 38.6

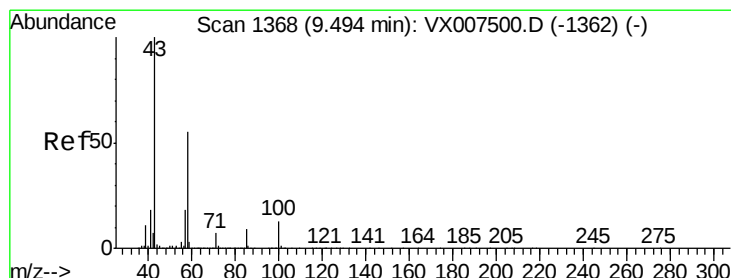
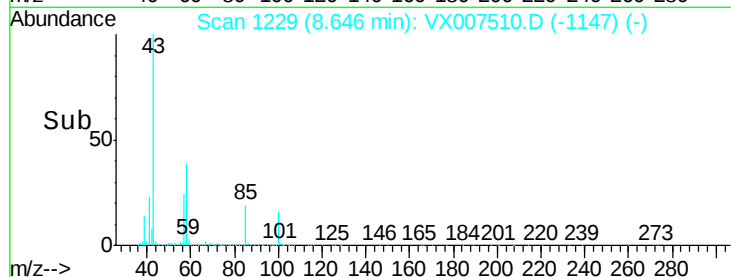
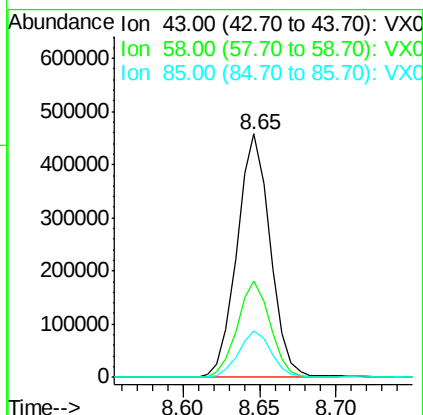
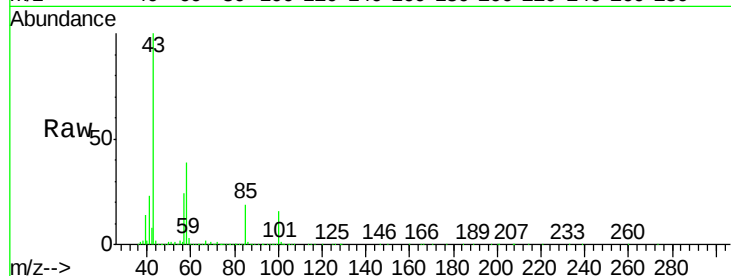




#58
 4-Methyl-2-Pentanone
 Concen: 104.062 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

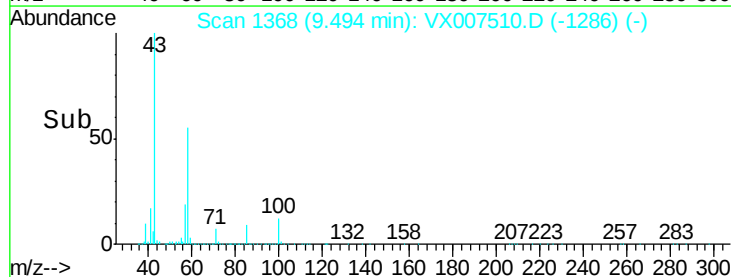
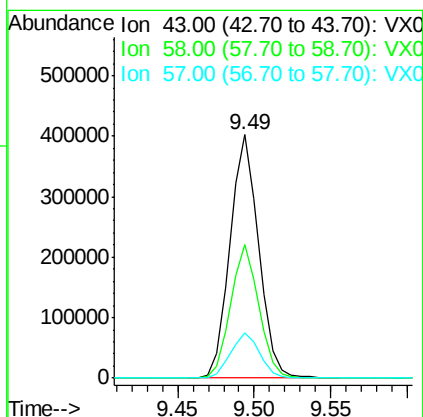
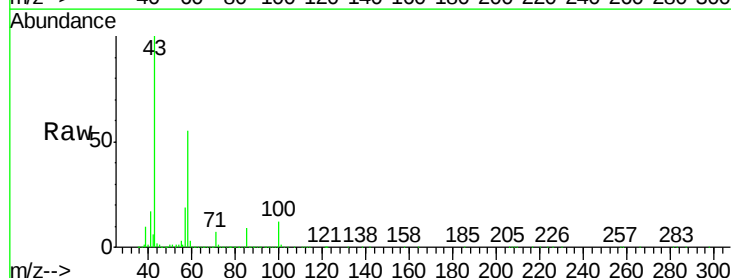
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

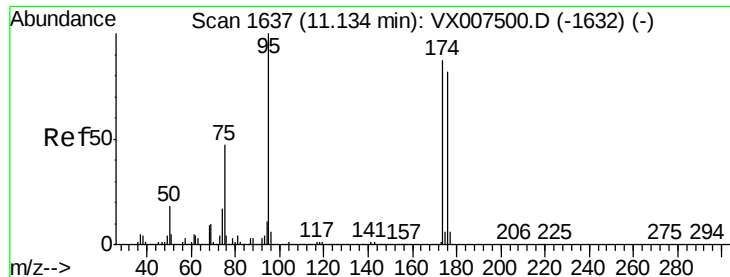
Tgt Ion: 43 Resp: 687882
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.4 47.0
 85 18.9 15.0 22.6



#59
 2-Hexanone
 Concen: 103.886 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion: 43 Resp: 521609
 Ion Ratio Lower Upper
 43 100
 58 54.1 43.9 65.9
 57 18.8 14.9 22.3

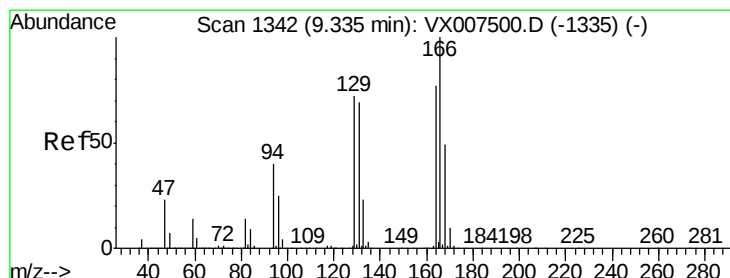
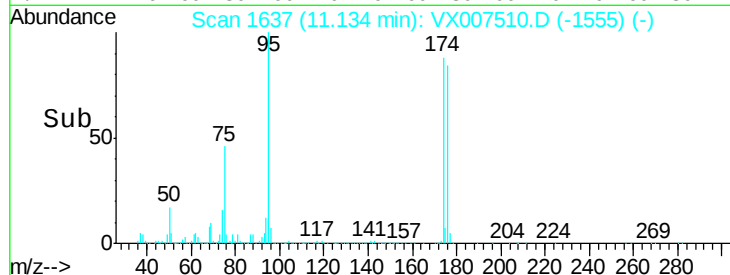
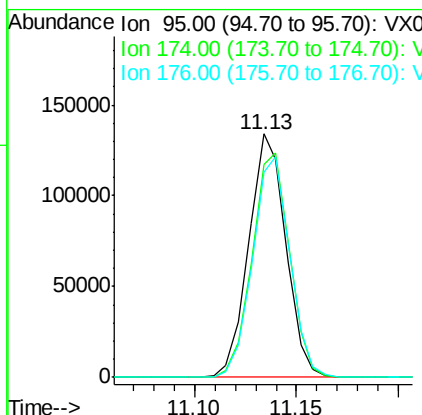
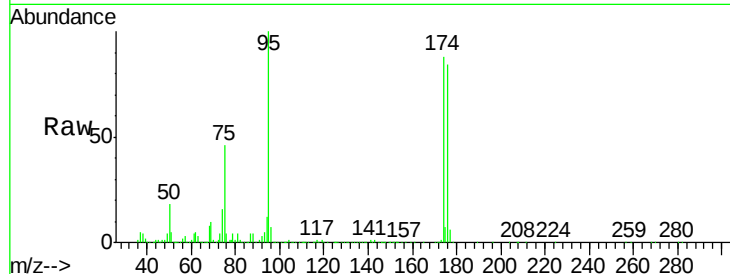




#60
4-Bromofluorobenzene
Concen: 30.024 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

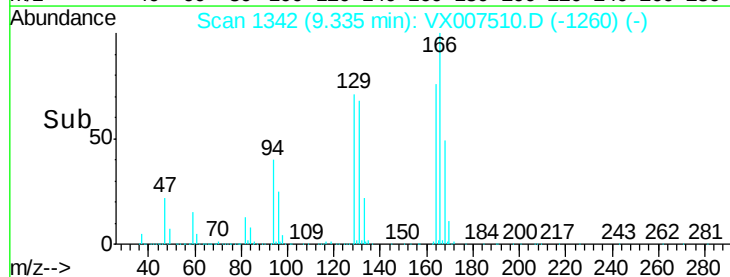
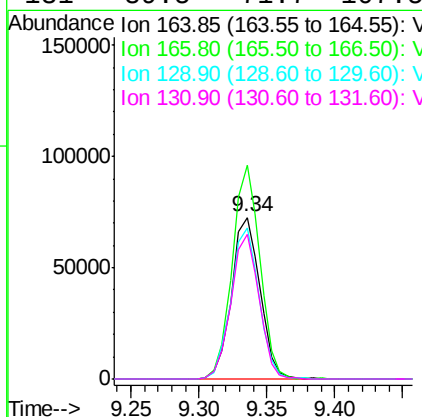
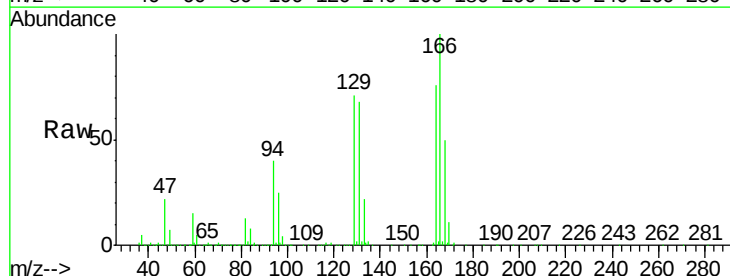
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

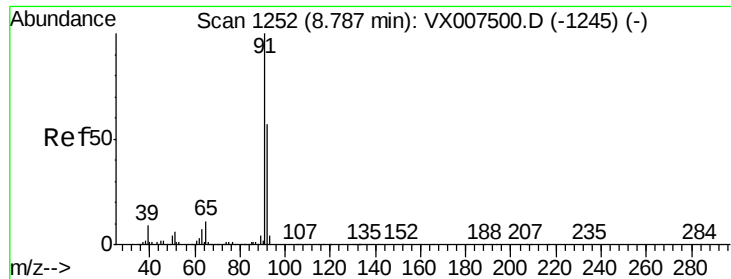
Tgt Ion: 95 Resp: 169346
Ion Ratio Lower Upper
95 100
174 93.4 74.9 112.3
176 91.3 70.7 106.1



#61
Tetrachloroethene
Concen: 20.256 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 164 Resp: 105678
Ion Ratio Lower Upper
164 100
166 132.4 103.9 155.9
129 94.0 74.7 112.1
131 89.5 71.7 107.5





#62

Toluene

Concen: 20.165 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

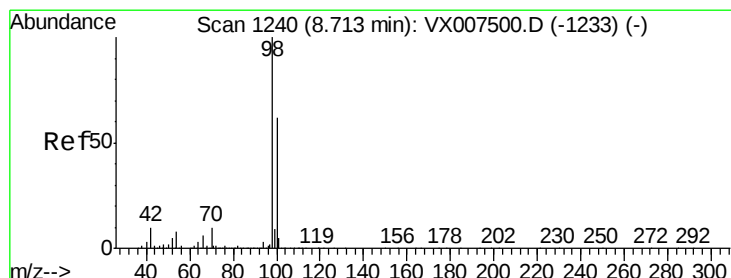
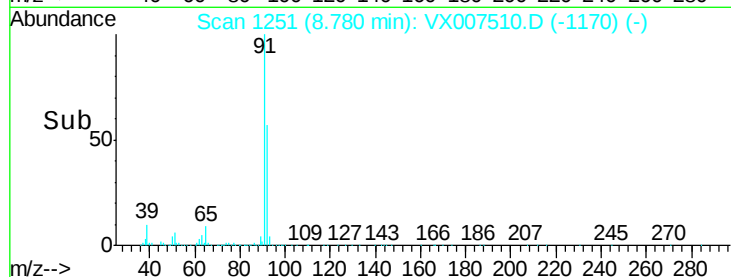
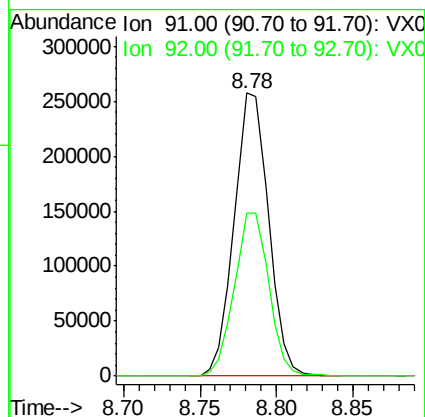
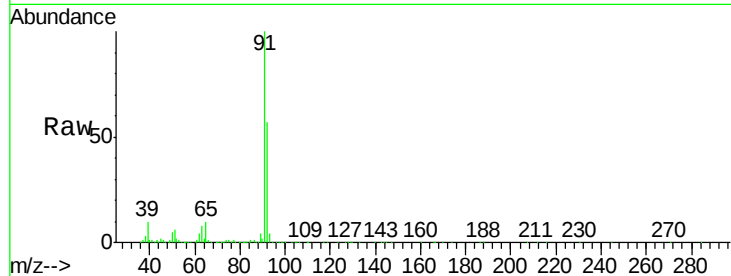
VSTDCCC020EC

Tgt Ion: 91 Resp: 403592

Ion Ratio Lower Upper

91 100

92 57.6 46.4 69.6



#63

Toluene-d8

Concen: 29.889 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007510.D

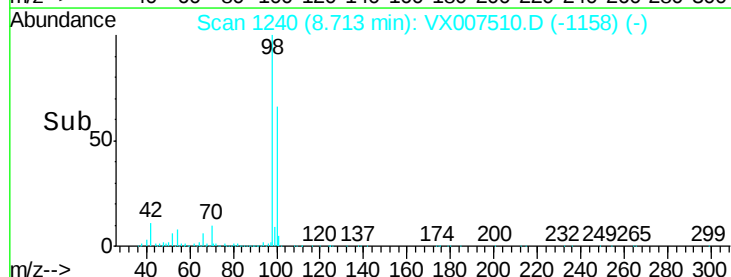
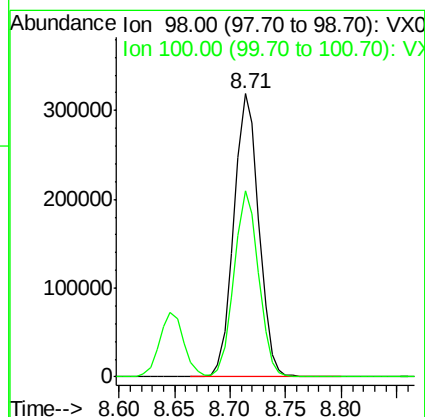
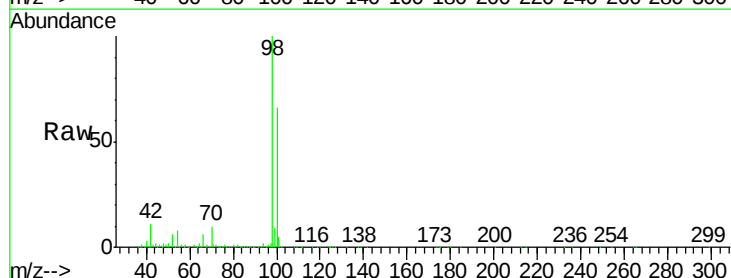
Acq: 13 Feb 2019 03:55

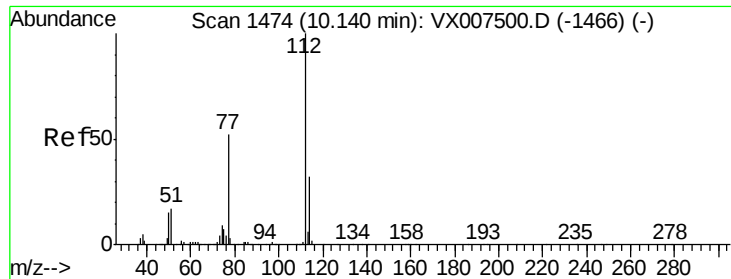
Tgt Ion: 98 Resp: 496469

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#64

Chlorobenzene

Concen: 20.354 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

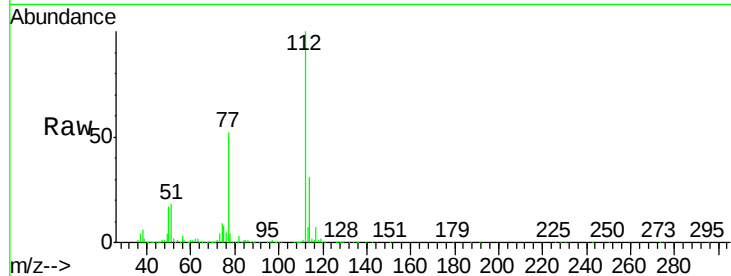
VSTDCCC020EC

Tgt Ion:112 Resp: 264739

Ion Ratio Lower Upper

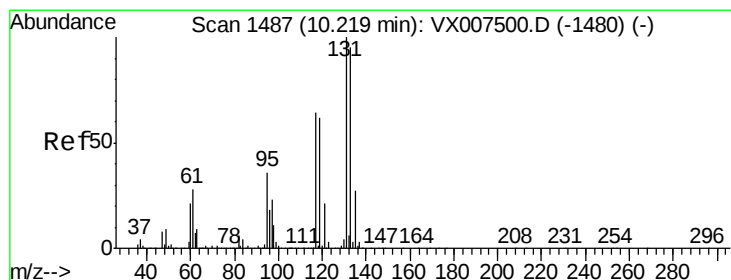
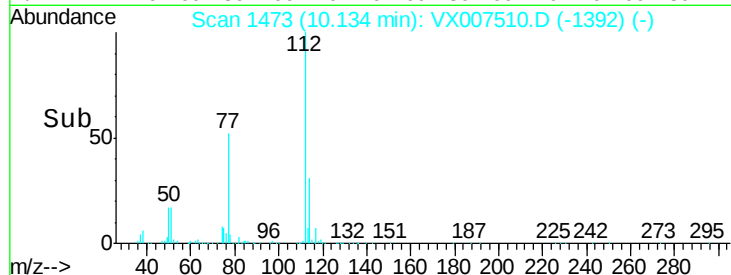
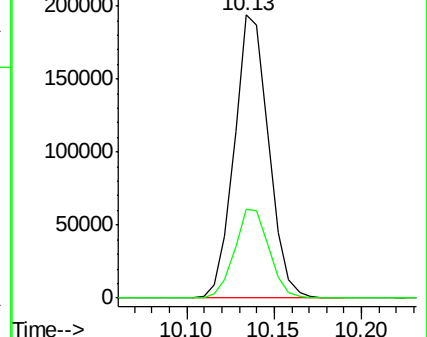
112 100

114 31.2 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 20.100 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

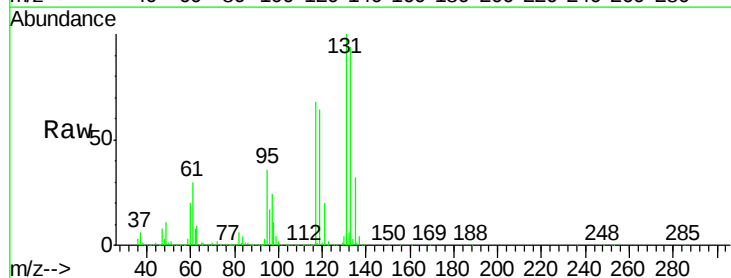
Tgt Ion:131 Resp: 94693

Ion Ratio Lower Upper

131 100

133 95.0 0.0 191.6

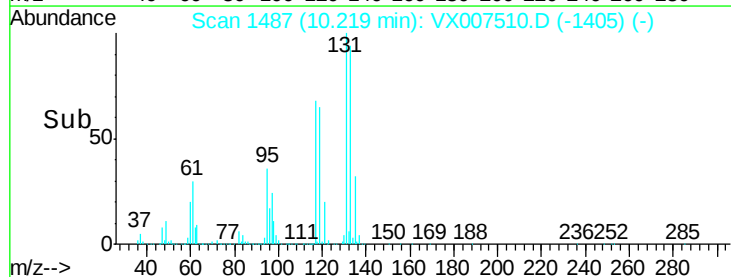
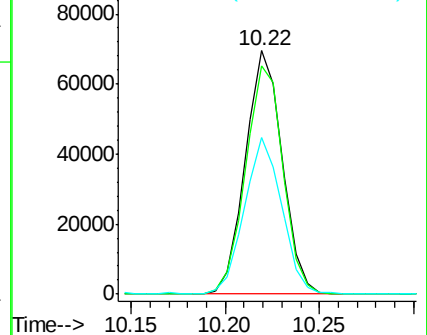
119 65.0 0.0 127.4

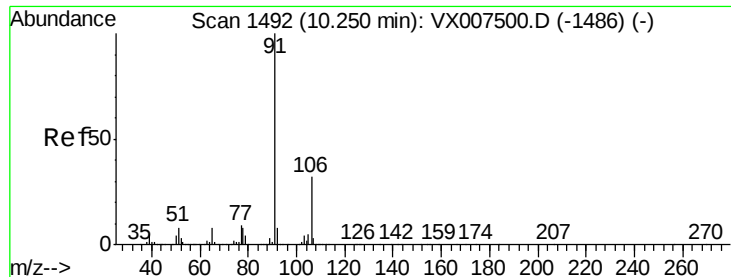


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 20.212 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

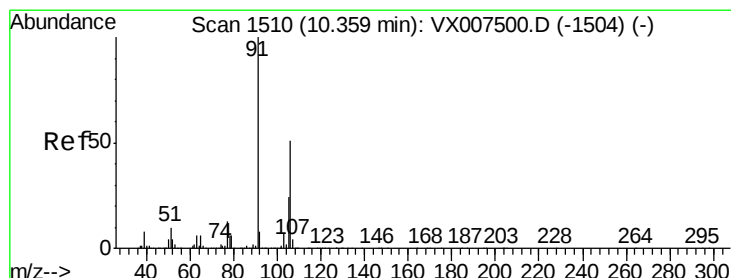
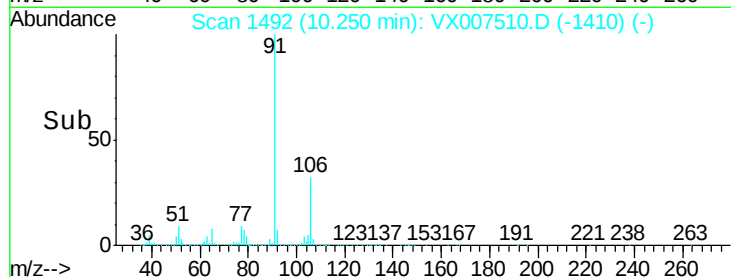
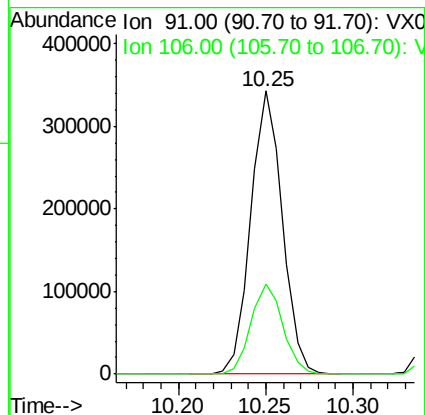
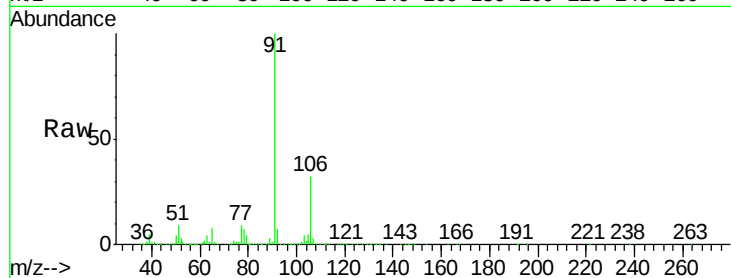
VSTDCCC020EC

Tgt Ion: 91 Resp: 429284

Ion Ratio Lower Upper

91 100

106 31.7 26.0 39.0



#67

m/p-Xylenes

Concen: 40.099 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007510.D

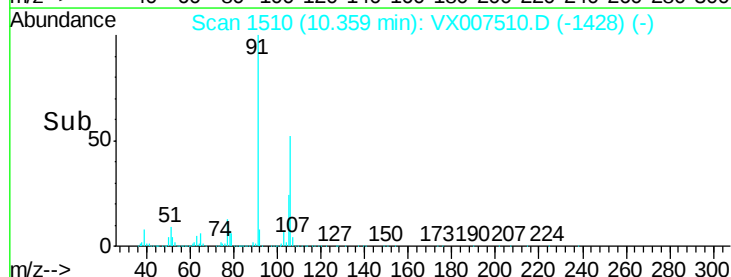
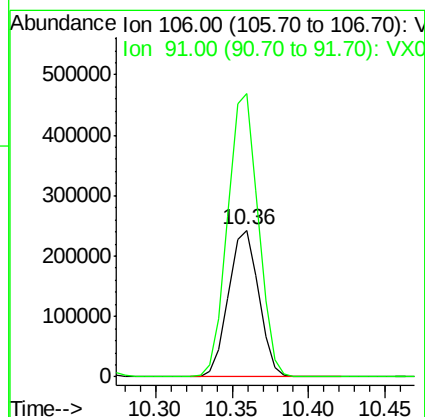
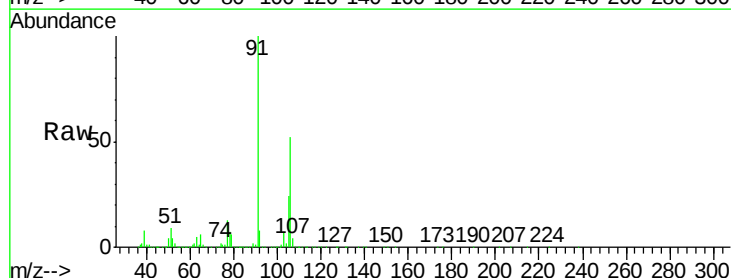
Acq: 13 Feb 2019 03:55

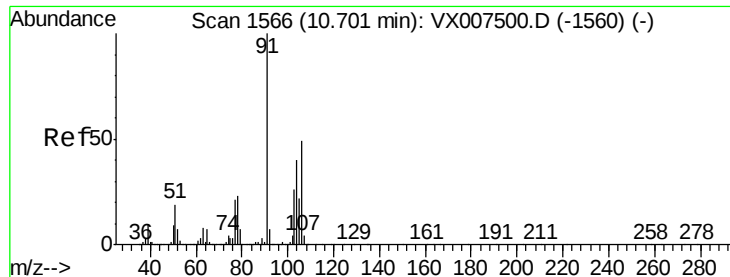
Tgt Ion: 106 Resp: 334045

Ion Ratio Lower Upper

106 100

91 194.4 157.0 235.4

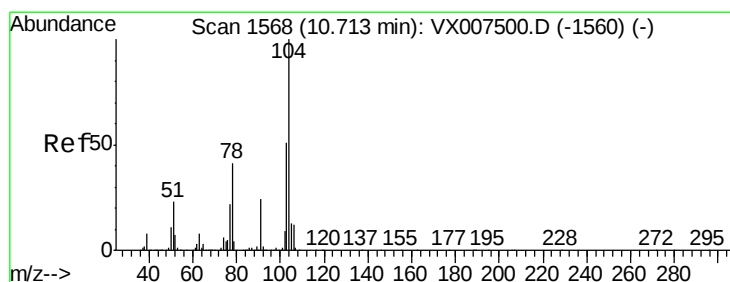
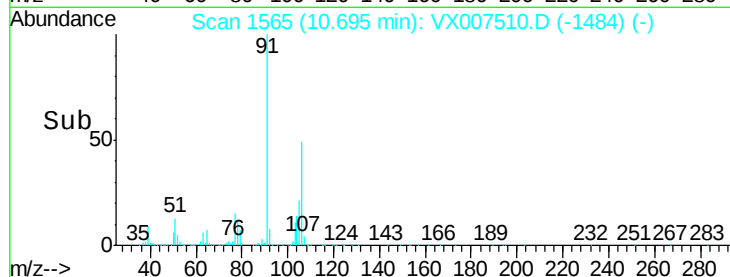
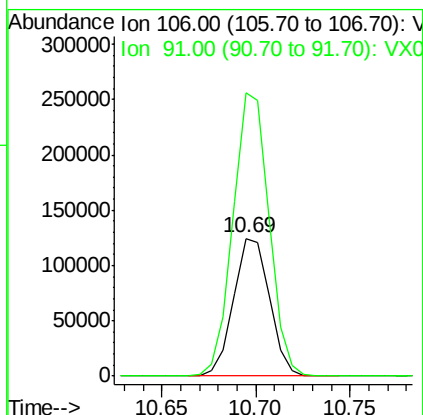
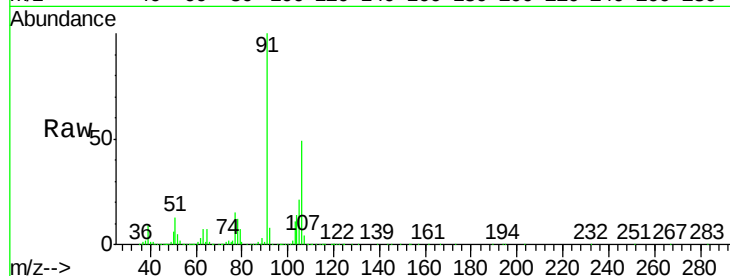




#68
o-Xylene
Concen: 20.246 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

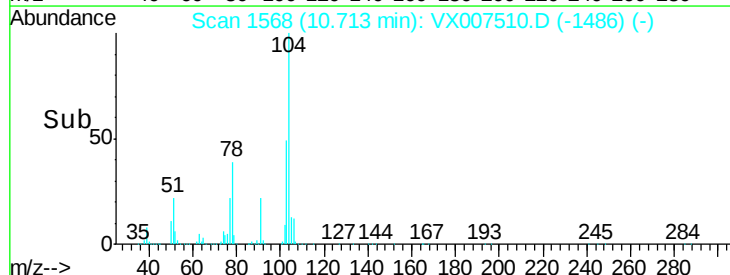
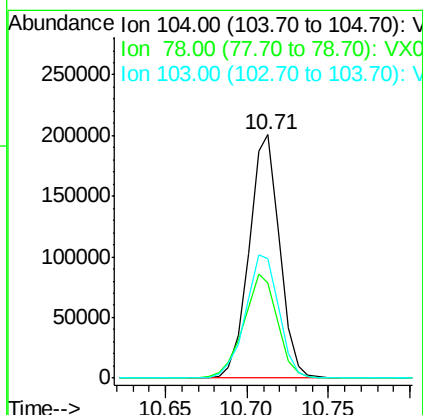
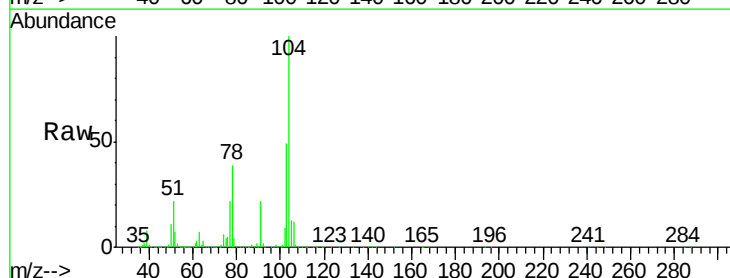
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

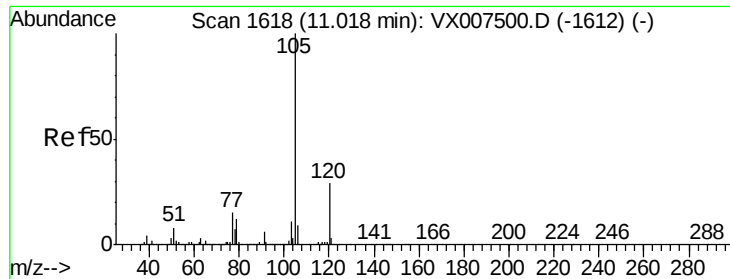
Tgt Ion:106 Resp: 164494
Ion Ratio Lower Upper
106 100
91 205.9 104.4 313.2



#69
Styrene
Concen: 20.024 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion:104 Resp: 262537
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.2
103 55.4 45.0 67.4





#70

Isopropylbenzene

Concen: 19.981 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

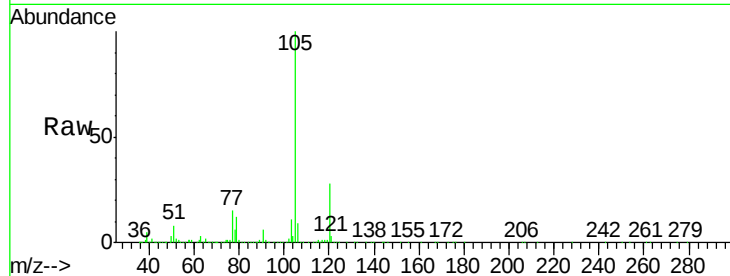
VSTDCCC020EC

Tgt Ion:105 Resp: 428283

Ion Ratio Lower Upper

105 100

120 27.7 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

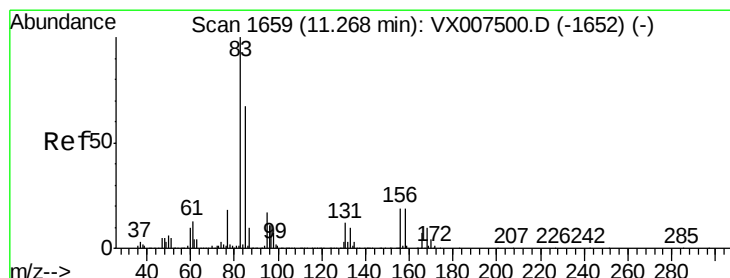
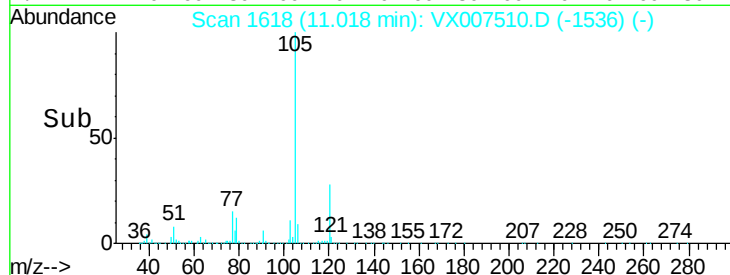
300000

200000

100000

0

Time--> 10.95 11.00 11.05



#71

1,1,2,2-Tetrachloroethane

Concen: 20.634 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

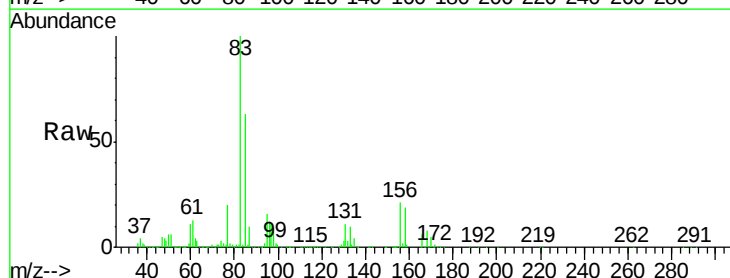
Tgt Ion: 83 Resp: 146205

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 63.9 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

11.27

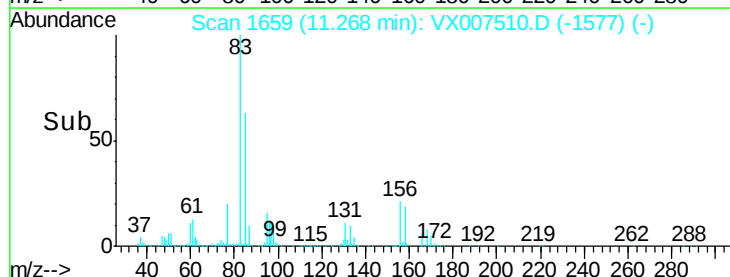
150000

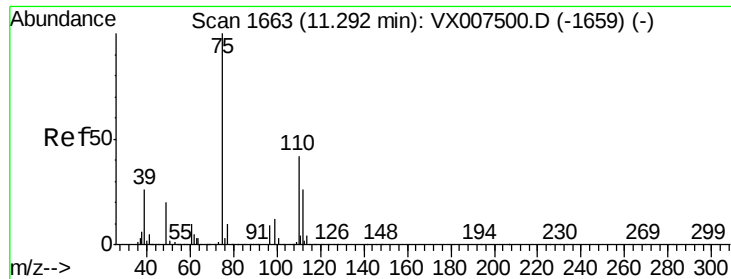
100000

50000

0

Time--> 11.20 11.30





#72

1,2,3-Trichloropropane

Concen: 24.053 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

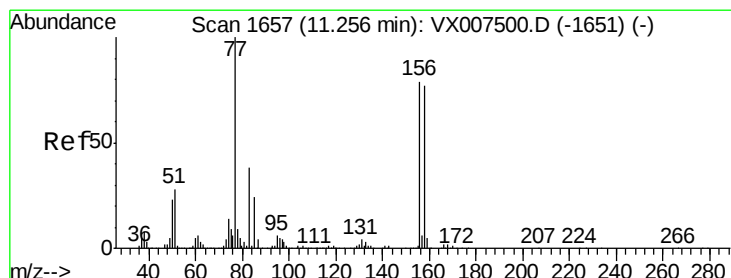
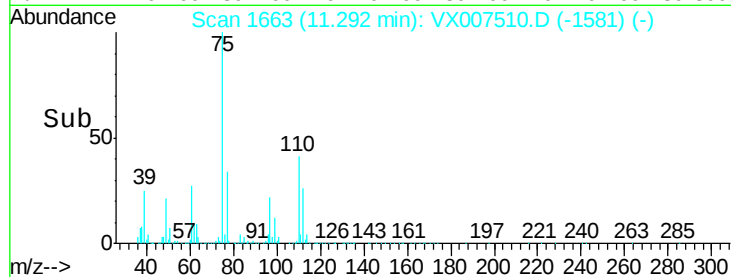
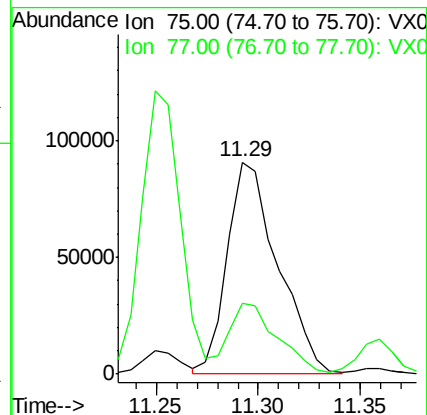
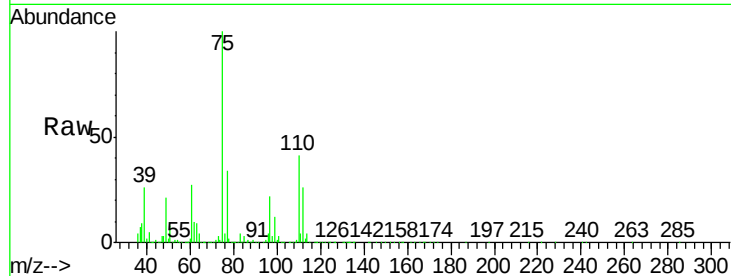
VSTDCCC020EC

Tgt Ion: 75 Resp: 155827

Ion Ratio Lower Upper

75 100

77 32.6 0.0 76.4



#73

Bromobenzene

Concen: 20.520 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

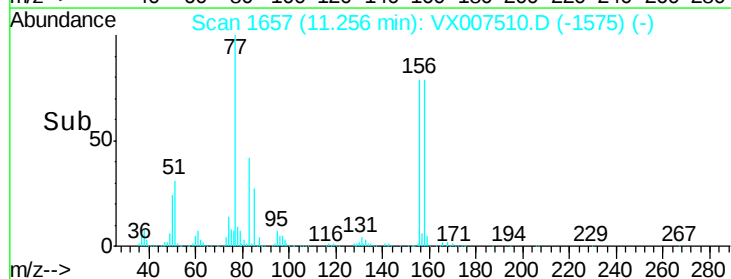
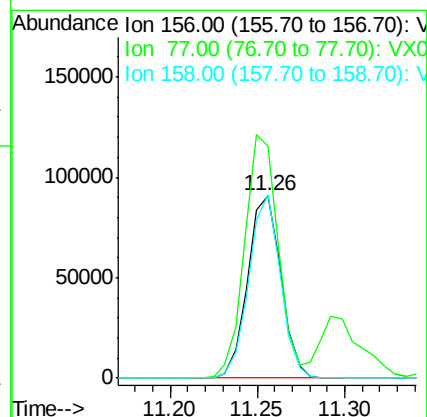
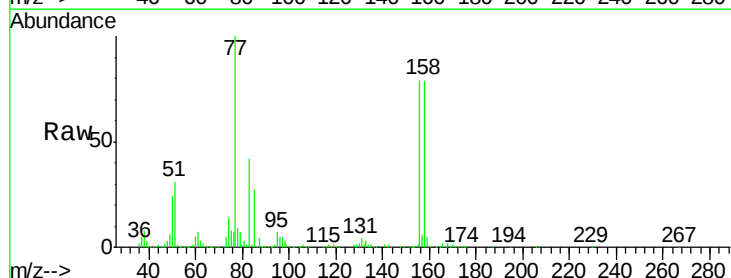
Tgt Ion: 156 Resp: 120085

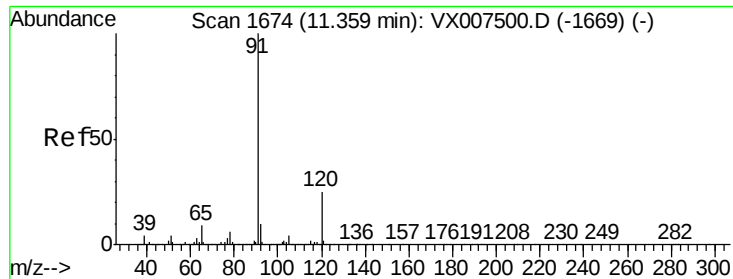
Ion Ratio Lower Upper

156 100

77 134.3 0.0 271.4

158 95.5 0.0 194.0





#74

n-propylbenzene

Concen: 19.794 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

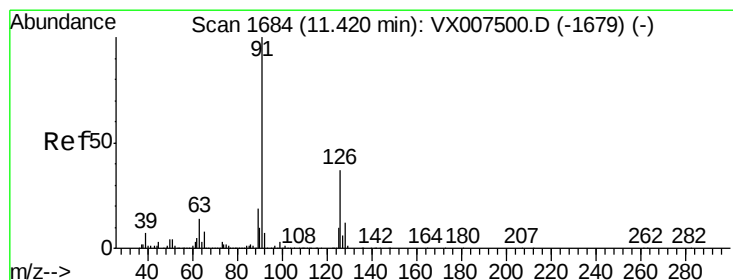
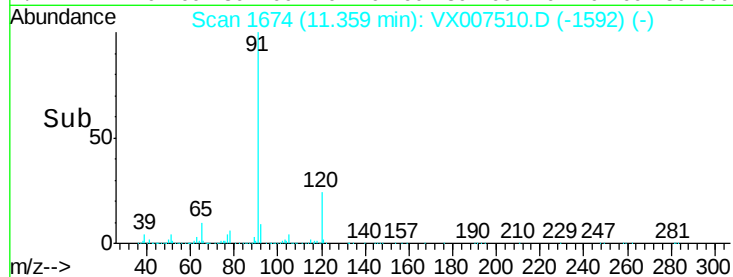
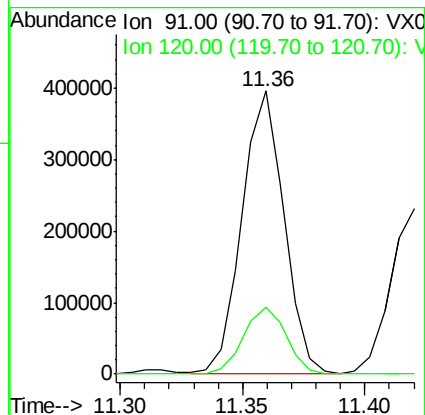
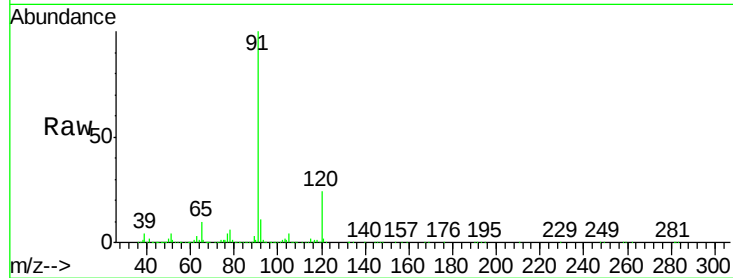
VSTDCCC020EC

Tgt Ion: 91 Resp: 471088

Ion Ratio Lower Upper

91 100

120 24.3 0.0 48.6



#75

2-Chlorotoluene

Concen: 19.871 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007510.D

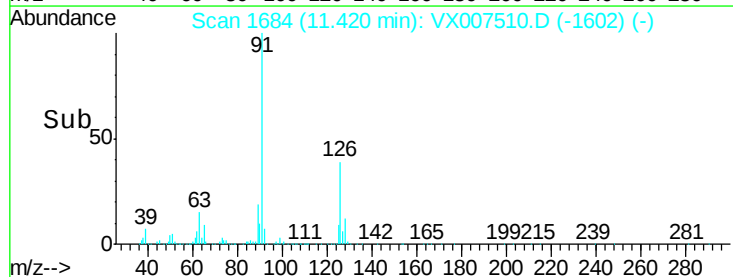
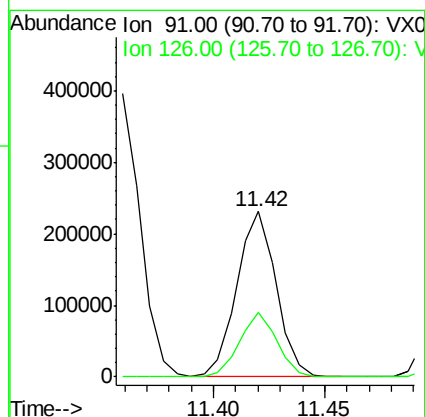
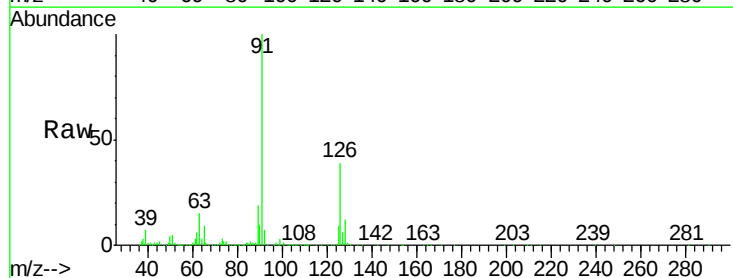
Acq: 13 Feb 2019 03:55

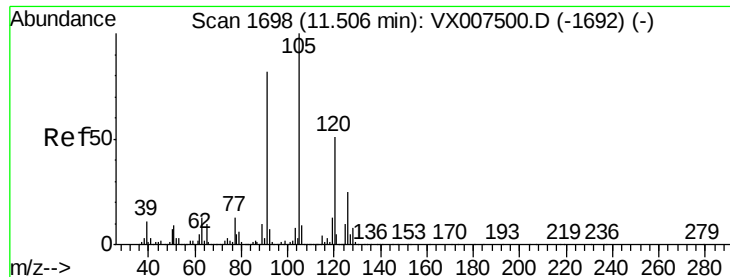
Tgt Ion: 91 Resp: 282777

Ion Ratio Lower Upper

91 100

126 37.4 0.0 75.2

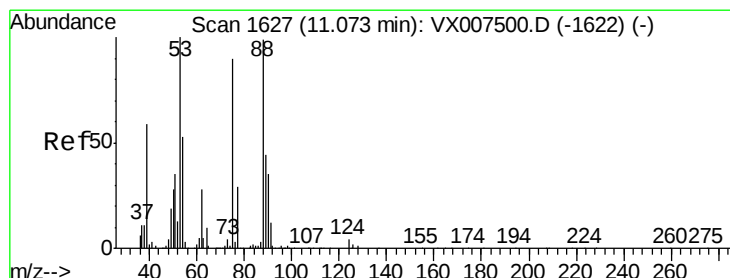
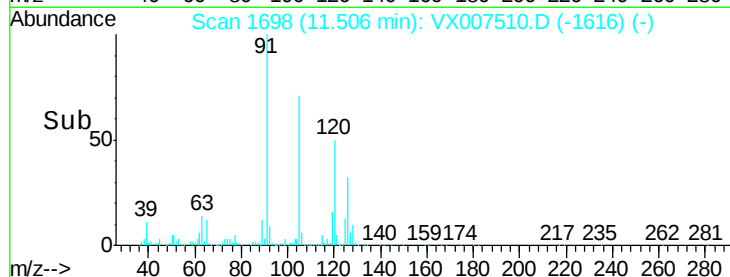
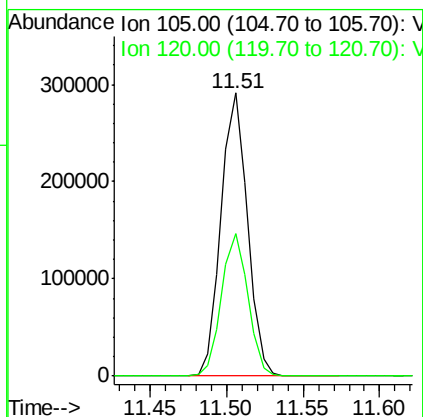
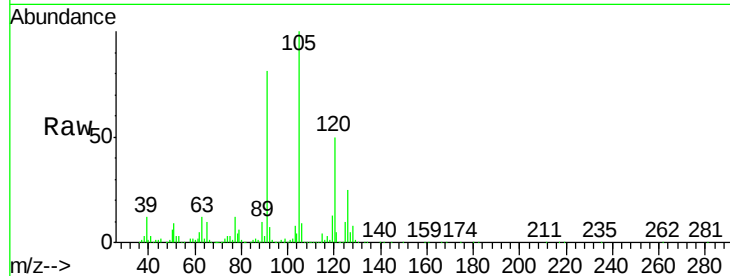




#76
 1,3,5-Trimethylbenzene
 Concen: 19.961 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

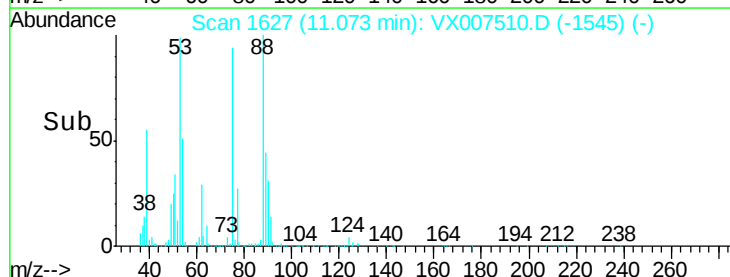
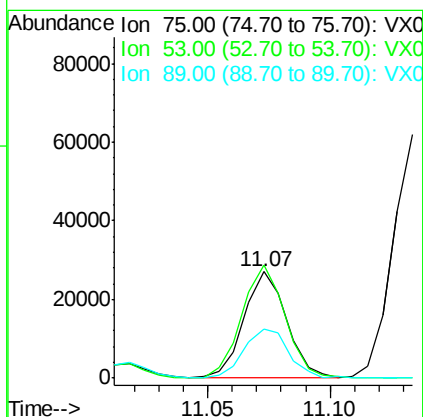
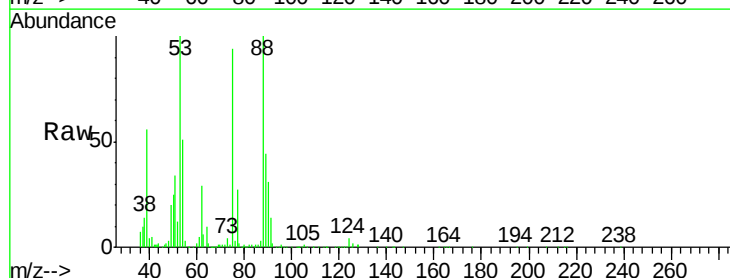
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

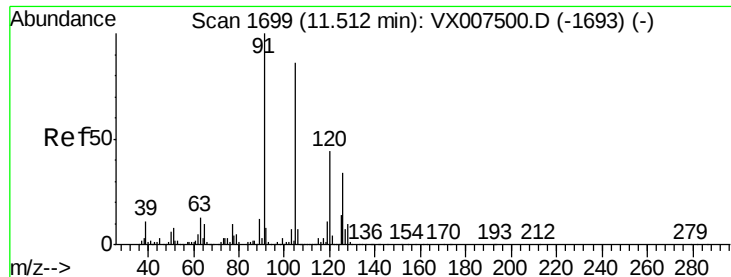
Tgt Ion: 105 Resp: 349267
 Ion Ratio Lower Upper
 105 100
 120 50.5 0.0 101.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 17.446 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion: 75 Resp: 32626
 Ion Ratio Lower Upper
 75 100
 53 106.6 55.5 166.7
 89 46.8 24.4 73.2





#78

4-Chlorotoluene

Concen: 19.465 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

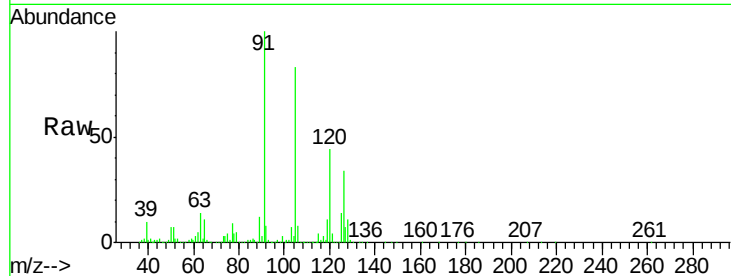
VSTDCCC020EC

Tgt Ion: 91 Resp: 316167

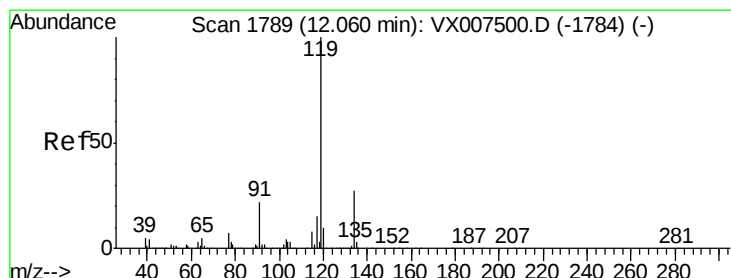
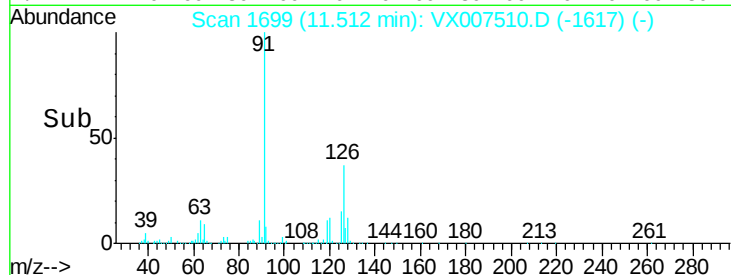
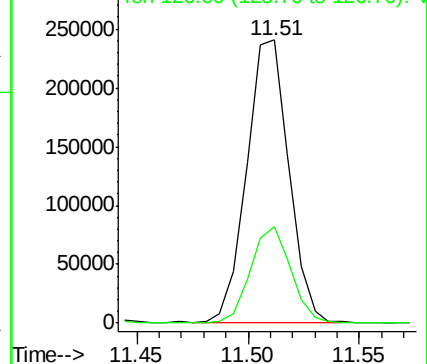
Ion Ratio Lower Upper

91 100

126 32.6 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX007510.D (-1617) (-)



#79

tert-butylbenzene

Concen: 19.205 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

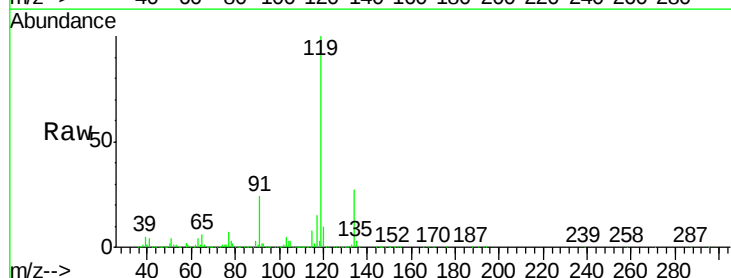
Tgt Ion: 119 Resp: 356811

Ion Ratio Lower Upper

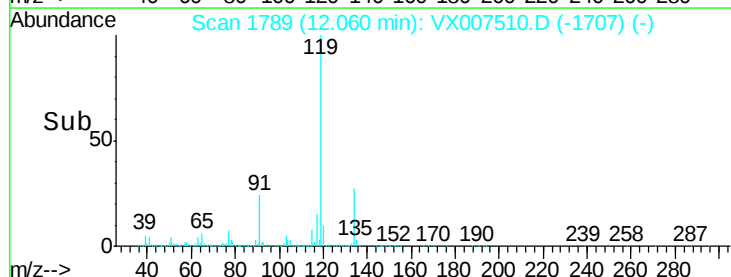
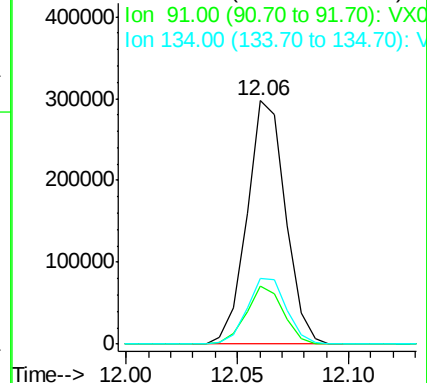
119 100

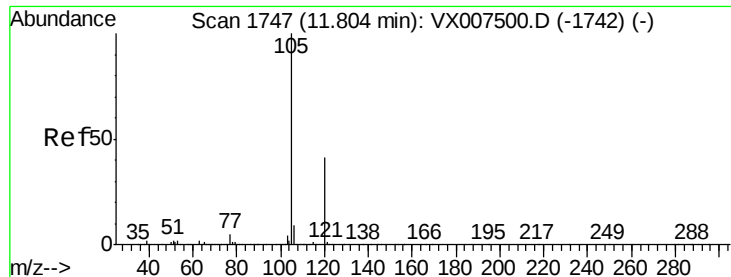
91 23.0 0.0 45.0

134 27.9 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): VX007510.D (-1707) (-)





#80

1,2,4-Trimethylbenzene

Concen: 19.963 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

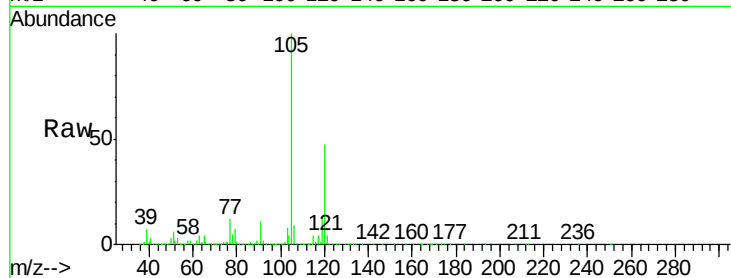
VSTDCCC020EC

Tgt Ion:105 Resp: 354576

Ion Ratio Lower Upper

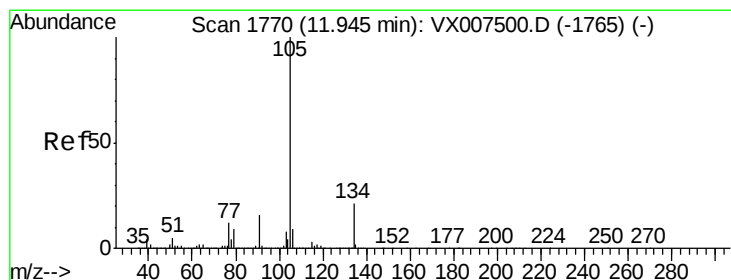
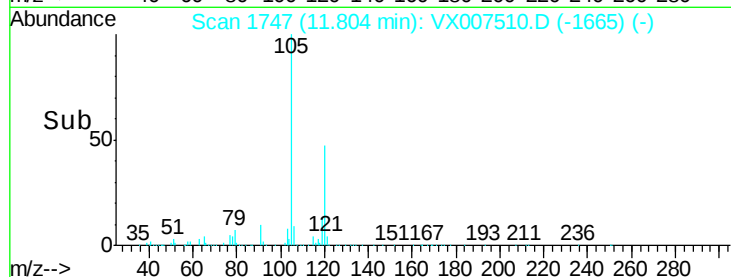
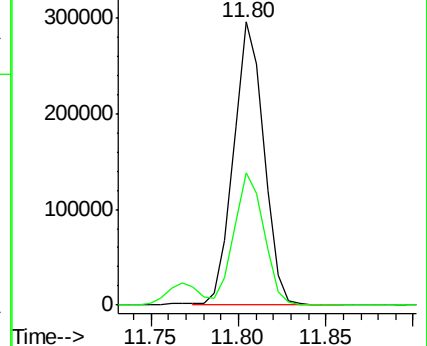
105 100

120 45.8 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 19.880 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007510.D

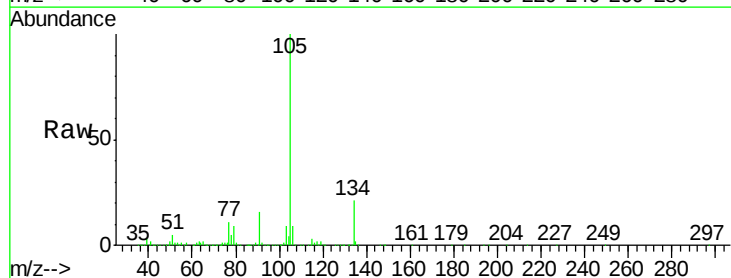
Acq: 13 Feb 2019 03:55

Tgt Ion:105 Resp: 415399

Ion Ratio Lower Upper

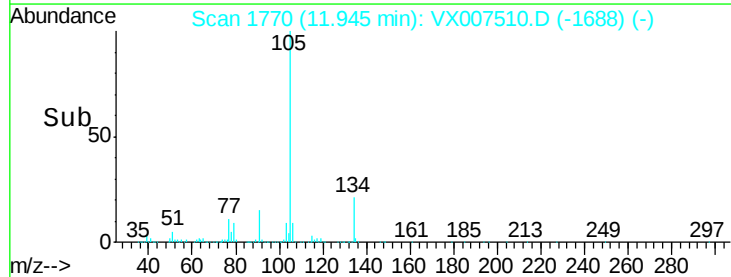
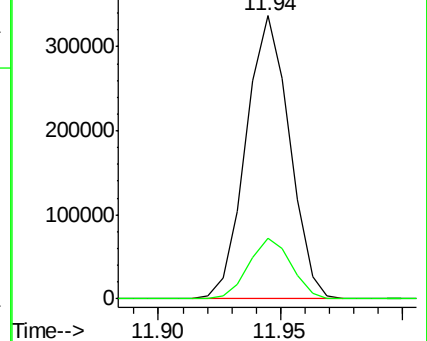
105 100

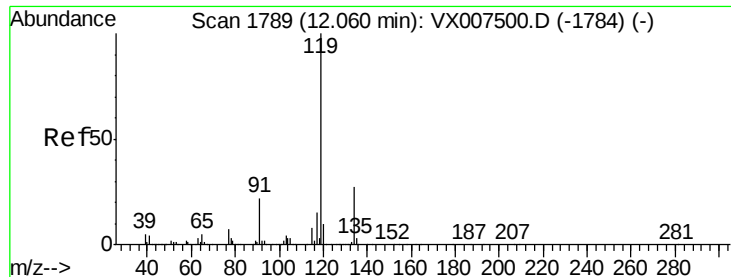
134 20.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

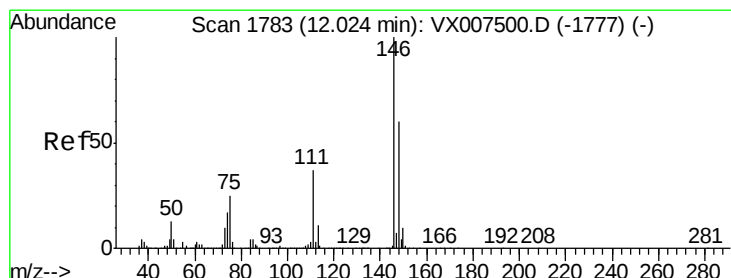
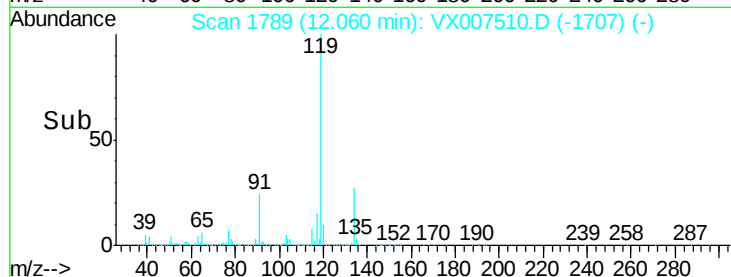
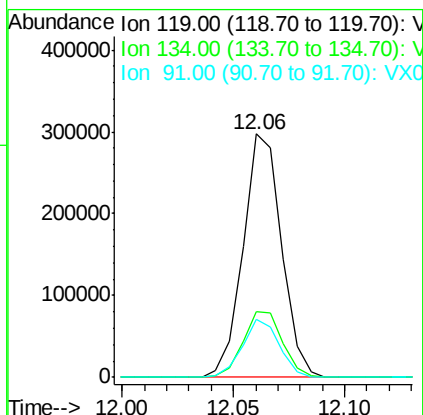
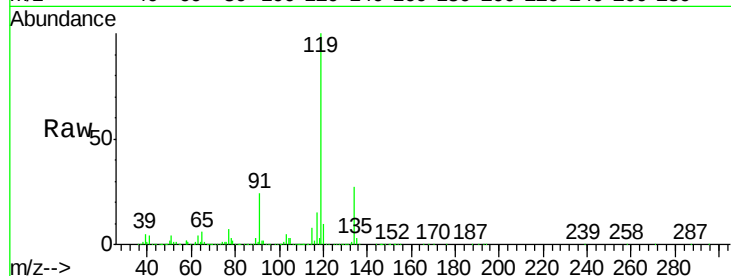




#82
p-Isopropyltoluene
Concen: 19.205 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

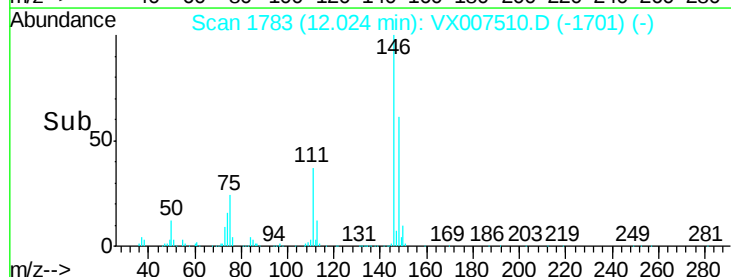
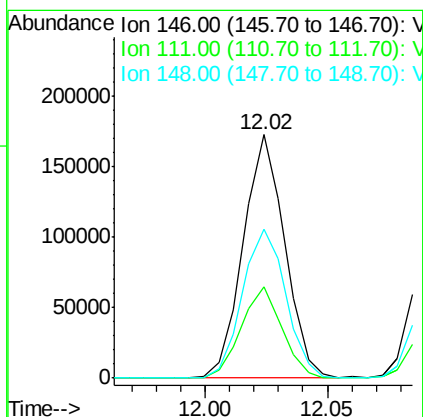
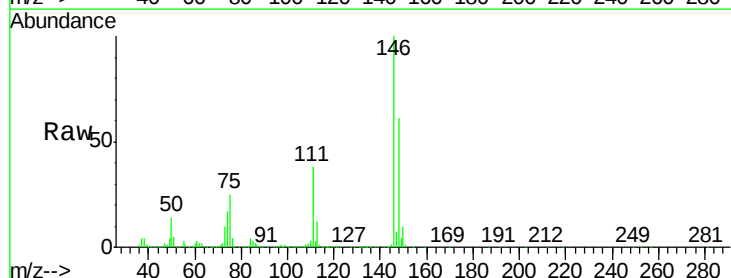
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

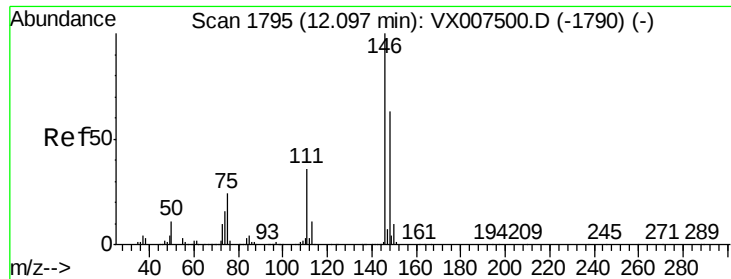
Tgt Ion:119 Resp: 356811
Ion Ratio Lower Upper
119 100
134 27.9 0.0 55.4
91 23.0 0.0 45.0



#83
1,3-Dichlorobenzene
Concen: 19.845 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion:146 Resp: 204167
Ion Ratio Lower Upper
146 100
111 37.0 18.8 56.3
148 63.9 30.6 91.8

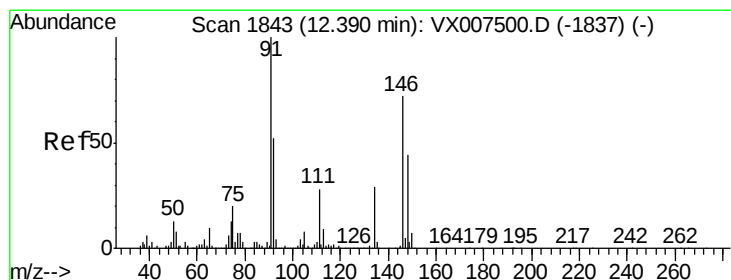
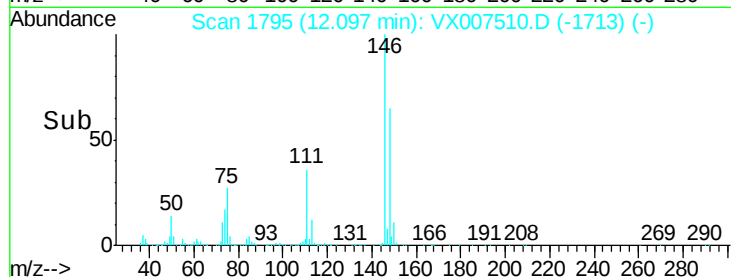
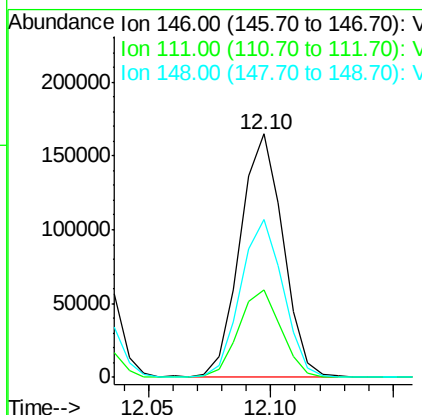
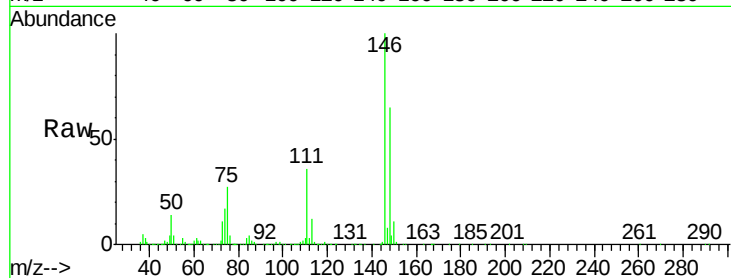




#84
 1,4-Dichlorobenzene
 Concen: 19.691 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

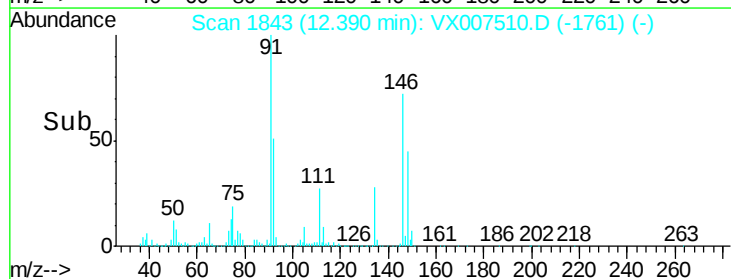
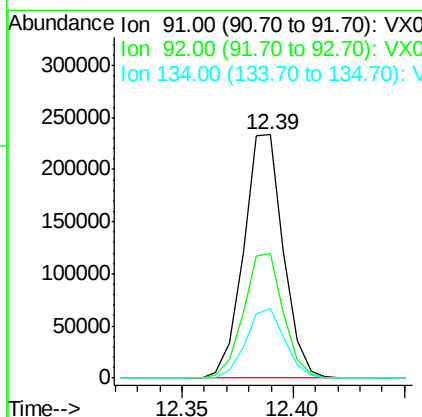
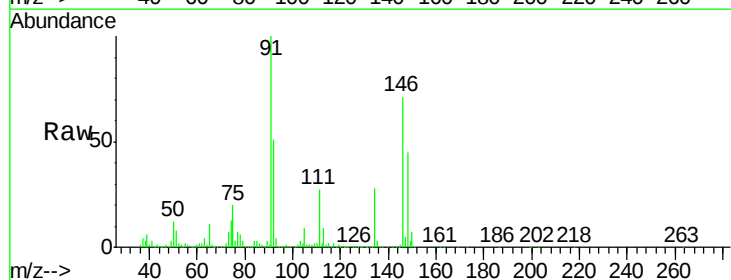
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

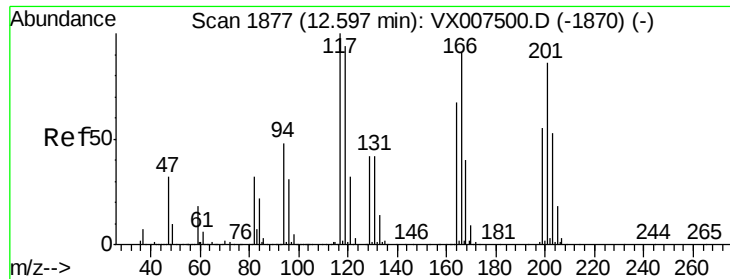
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.6	52.8
148	64.4	31.4	94.2



#85
 n-Butylbenzene
 Concen: 18.772 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	0.0	105.2
134	28.1	0.0	56.4

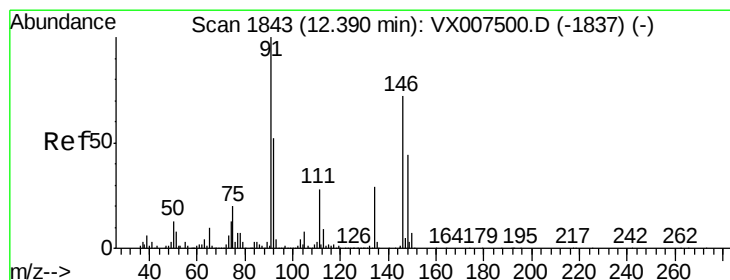
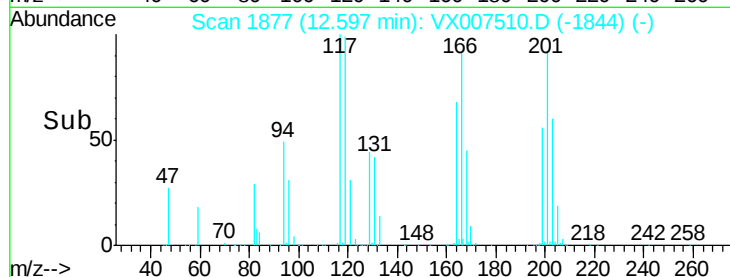
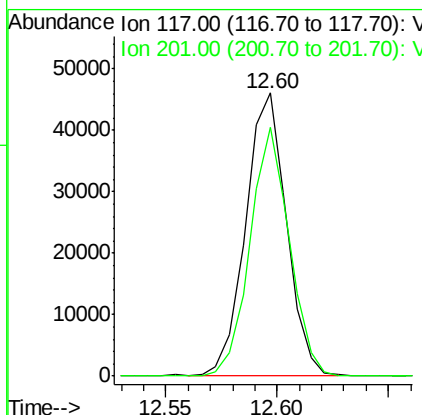
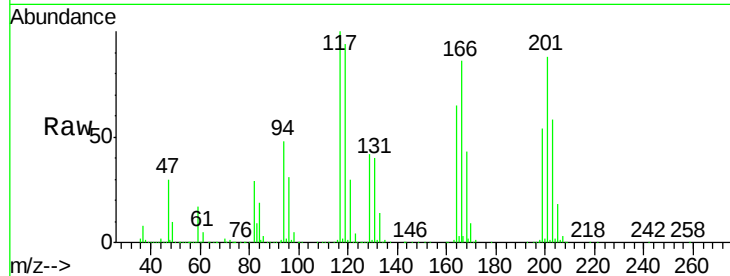




#86
Hexachloroethane
Concen: 18.949 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

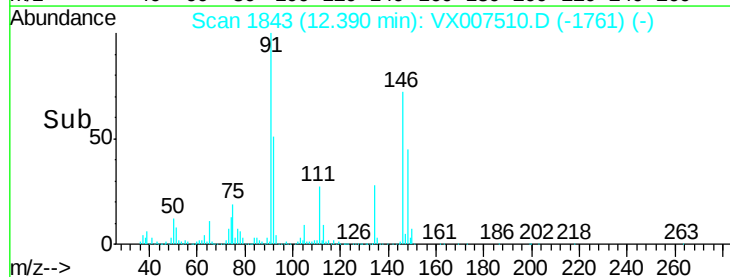
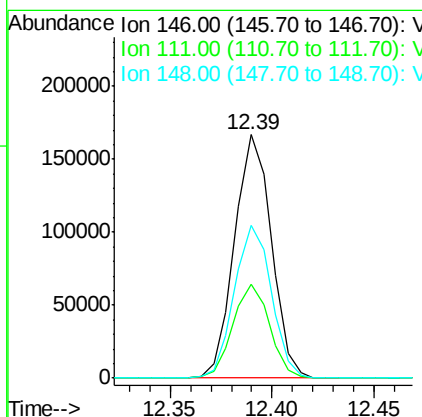
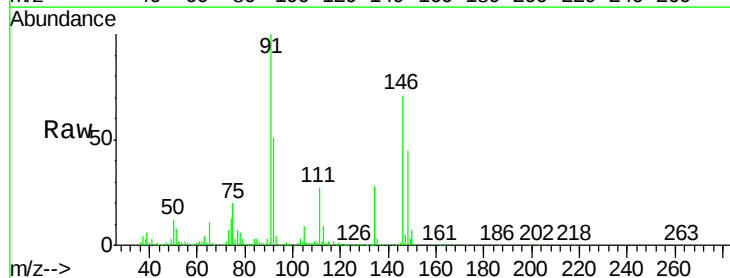
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

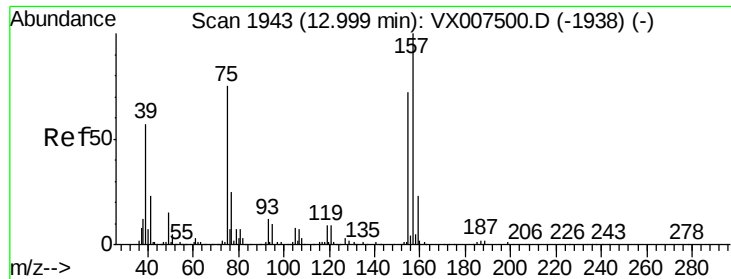
Tgt Ion:117 Resp: 58451
Ion Ratio Lower Upper
117 100
201 85.1 41.1 123.3



#87
1,2-Dichlorobenzene
Concen: 20.279 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion:146 Resp: 209401
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.8
148 63.3 32.1 96.3





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.611 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

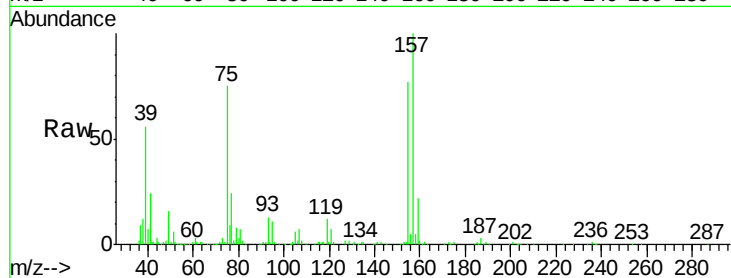
Tgt Ion: 75 Resp: 28998

Ion Ratio Lower Upper

75 100

155 101.0 81.0 121.6

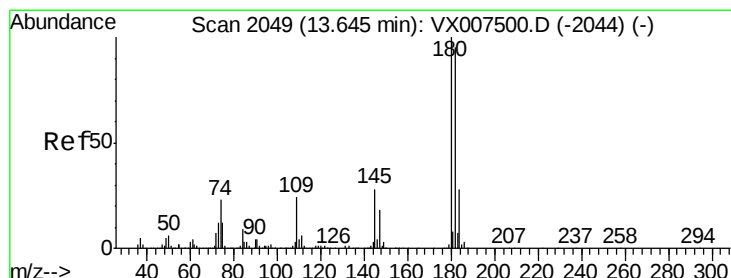
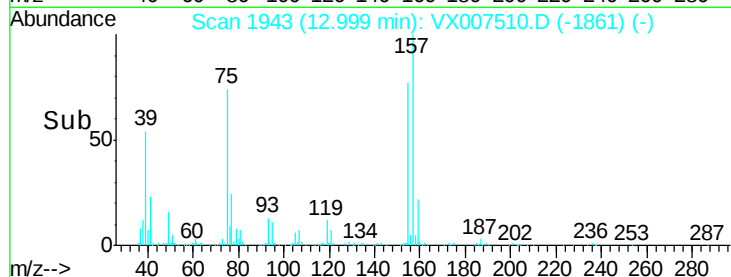
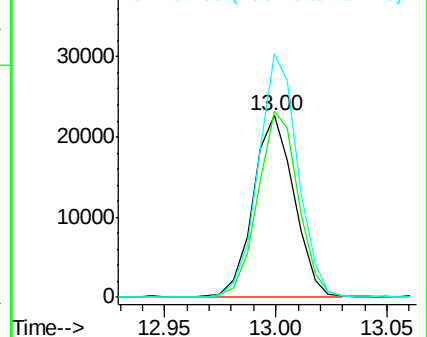
157 128.3 103.2 154.8



Abundance Ion 75.00 (74.70 to 75.70): VX007510.D (-1938) (-)

Ion 155.00 (154.70 to 155.70): VX007510.D (-1938) (-)

Ion 157.00 (156.70 to 157.70): VX007510.D (-1938) (-)



#89

1,2,4-Trichlorobenzene

Concen: 19.083 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

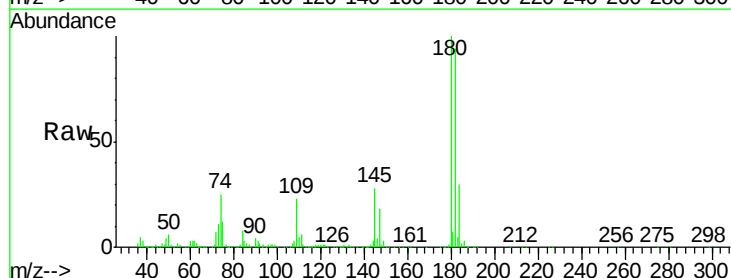
Tgt Ion: 180 Resp: 129418

Ion Ratio Lower Upper

180 100

182 96.2 75.6 113.4

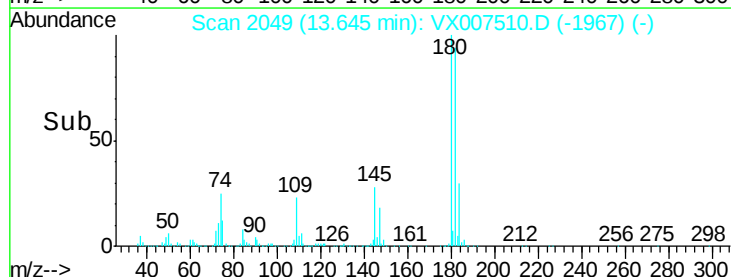
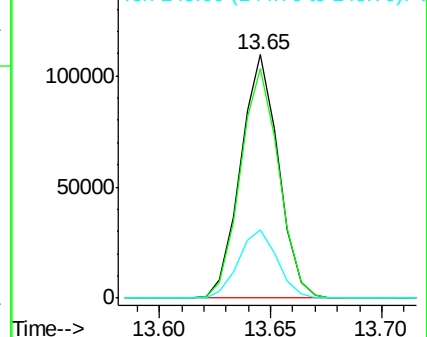
145 29.0 23.0 34.6

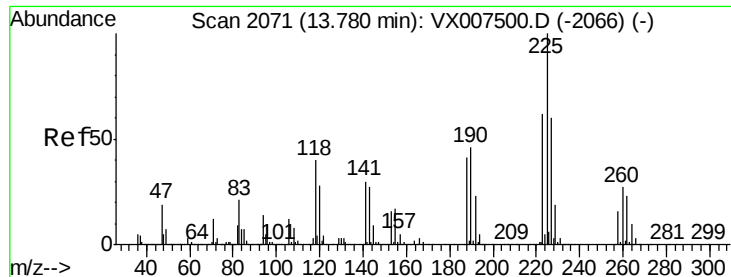


Abundance Ion 180.00 (179.70 to 180.70): VX007510.D (-2044) (-)

Ion 182.00 (181.70 to 182.70): VX007510.D (-2044) (-)

Ion 145.00 (144.70 to 145.70): VX007510.D (-2044) (-)

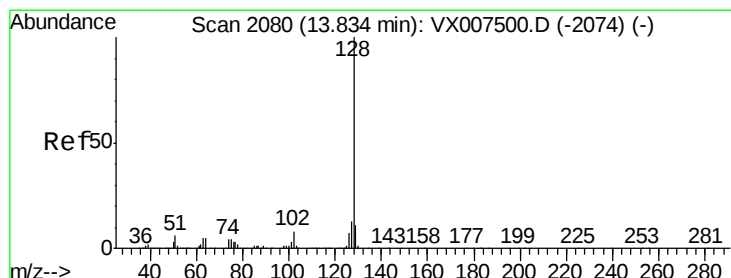
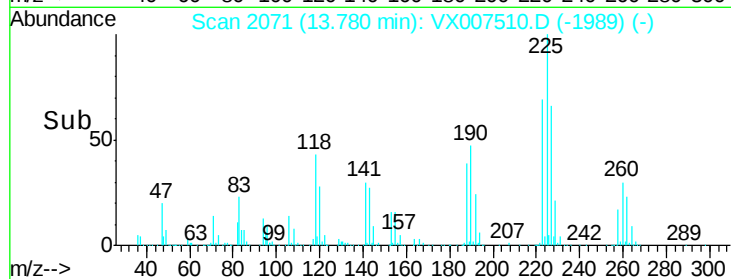
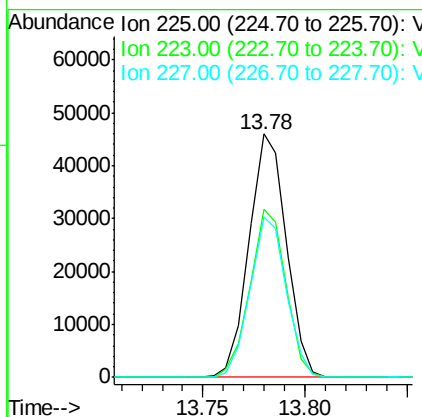
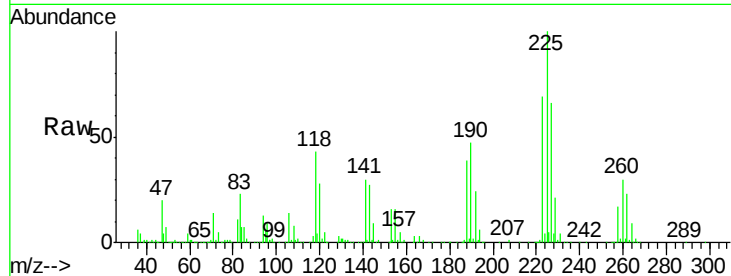




#90
Hexachlorobutadiene
Concen: 18.503 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

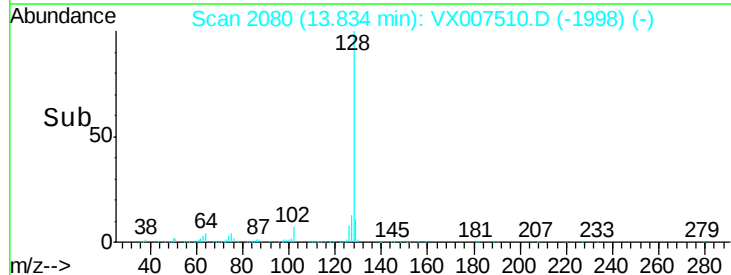
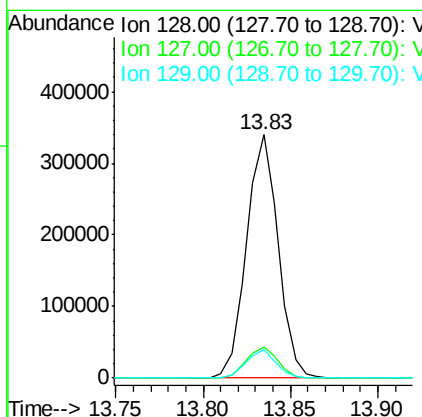
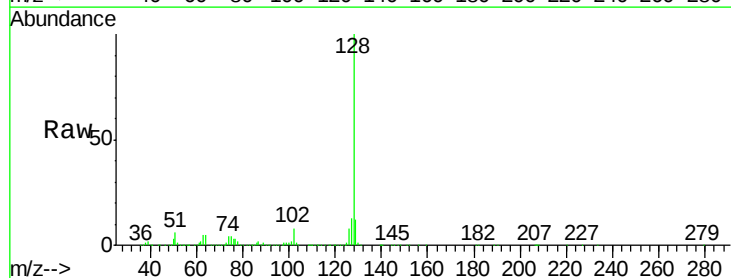
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

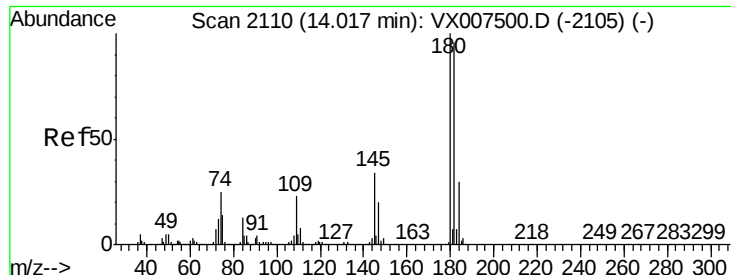
Tgt Ion: 225 Resp: 58630
Ion Ratio Lower Upper
225 100
223 66.8 0.0 123.8
227 63.8 0.0 124.4



#91
Naphthalene
Concen: 19.701 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion: 128 Resp: 426118
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 19.549 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	180	Resp:	134774
Ion	Ratio	Lower	Upper
180	100		
182	94.1	0.0	193.0
145	31.5	0.0	63.0

