

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008059.D
 Acq On : 13 Mar 2019 19:42
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 04:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139872	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	101400	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	5.50	113	93252	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	358945	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	131888	53.97	ug/l	0.00
Spiked Amount			Recovery	=	107.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85820	50.401	ug/l	100
3) Chloromethane	1.33	50	111410	50.771	ug/l	97
4) Vinyl Chloride	1.41	62	115972	53.190	ug/l	100
5) Bromomethane	1.64	94	53702	52.542	ug/l	100
6) Chloroethane	1.72	64	62699	43.287	ug/l	99
7) Trichlorofluoromethane	1.93	101	136406	48.052	ug/l	96
8) Diethyl Ether	2.19	74	59930	48.753	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83331	47.370	ug/l	98
10) Methyl Iodide	2.51	142	133273	53.402	ug/l	98
11) Tert butyl alcohol	3.08	59	109294	232.450	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81077	47.813	ug/l	98
13) Acrolein	2.30	56	84321	316.489	ug/l	98
14) Allyl chloride	2.73	41	149289	41.897	ug/l	97
15) Acrylonitrile	3.15	53	264542	222.906	ug/l	99
16) Acetone	2.45	43	218598	179.632	ug/l	99
17) Carbon Disulfide	2.57	76	226220	43.876	ug/l	100
18) Methyl Acetate	2.78	43	125351	48.486	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	286687	49.144	ug/l	98
20) Methylene Chloride	2.86	84	90625	46.793	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	86482	46.351	ug/l	96
22) Diisopropyl ether	3.87	45	301438	46.150	ug/l	95
23) Vinyl Acetate	3.82	43	1283550	224.090	ug/l	98
24) 1,1-Dichloroethane	3.70	63	166094	47.252	ug/l	99
25) 2-Butanone	4.70	43	374921	217.617	ug/l	96
26) 2,2-Dichloropropane	4.59	77	102995	44.228	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	104002	48.712	ug/l	96
28) Bromochloromethane	5.02	49	78249	47.750	ug/l	93
29) Tetrahydrofuran	5.15	42	249593	232.255	ug/l	96
30) Chloroform	5.21	83	164465	49.463	ug/l	100
31) Cyclohexane	5.57	56	150423	46.563	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	139132	50.433	ug/l	98
36) 1,1-Dichloropropene	5.80	75	124090	46.191	ug/l	98
37) Ethyl Acetate	4.85	43	139861	43.871	ug/l	98
38) Carbon Tetrachloride	5.78	117	121995	47.833	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155337	47.719	ug/l	98
40) Benzene	6.14	78	388099	48.526	ug/l	100
41) Methacrylonitrile	5.06	41	81033	46.621	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124785	47.709	ug/l	99
43) Isopropyl Acetate	6.46	43	224113	47.500	ug/l	98
44) Trichloroethene	7.21	130	110014	49.915	ug/l	99
45) 1,2-Dichloropropane	7.52	63	104930	49.674	ug/l	98
46) Dibromomethane	7.66	93	66604	49.823	ug/l	98
47) Bromodichloromethane	7.90	83	126938	50.083	ug/l	98
48) Methyl methacrylate	7.77	41	119619	48.222	ug/l	96
49) 1,4-Dioxane	7.75	88	52563	1031.509	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	754185	248.556	ug/l	98
52) Toluene	8.79	92	252268	51.664	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142552	53.887	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	156413	52.359	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107693	54.483	ug/l	99
56) Ethyl methacrylate	9.18	69	160408	54.049	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177840	53.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	409859	266.978	ug/l	98
59) 2-Hexanone	9.49	43	592140	251.360	ug/l	99
60) Dibromochloromethane	9.59	129	111538	53.986	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112256	53.490	ug/l	100
64) Tetrachloroethene	9.34	164	115105	50.361	ug/l	100
65) Chlorobenzene	10.14	112	285024	49.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	106472	51.473	ug/l	99
67) Ethyl Benzene	10.25	91	481009	50.630	ug/l	99
68) m/p-Xylenes	10.36	106	369357	100.863	ug/l	100
69) o-Xylene	10.70	106	180059	50.930	ug/l	99
70) Styrene	10.71	104	298962	51.676	ug/l	100
71) Bromoform	10.86	173	88124	49.609	ug/l #	99
73) Isopropylbenzene	11.02	105	486925	51.473	ug/l	100
74) N-amyl acetate	10.90	43	207975	48.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	156903	48.085	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	182650	62.230	ug/l	92
77) Bromobenzene	11.26	156	130173	50.191	ug/l	98
78) n-propylbenzene	11.36	91	537241	51.193	ug/l	100
79) 2-Chlorotoluene	11.42	91	321223	50.061	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	399564	51.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44794	48.783	ug/l	99
82) 4-Chlorotoluene	11.51	91	366179	49.797	ug/l	100
83) tert-Butylbenzene	11.77	119	396132	50.510	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	411789	51.593	ug/l	100
85) sec-Butylbenzene	11.94	105	479306	51.891	ug/l	99
86) p-Isopropyltoluene	12.06	119	428915	51.850	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	228014	49.694	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	226540	48.211	ug/l	100
89) n-Butylbenzene	12.39	91	352031	50.231	ug/l	99
90) Hexachloroethane	12.60	117	69187	50.024	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	226884	49.775	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33651	49.346	ug/l	97

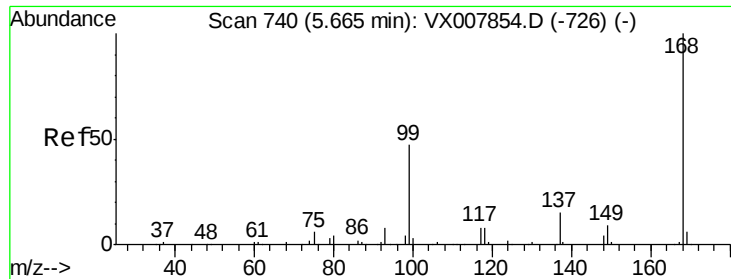
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158491	49.496	ug/l	100
94) Hexachlorobutadiene	13.78	225	84514	50.482	ug/l	100
95) Naphthalene	13.83	128	483875	52.445	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161715	50.697	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

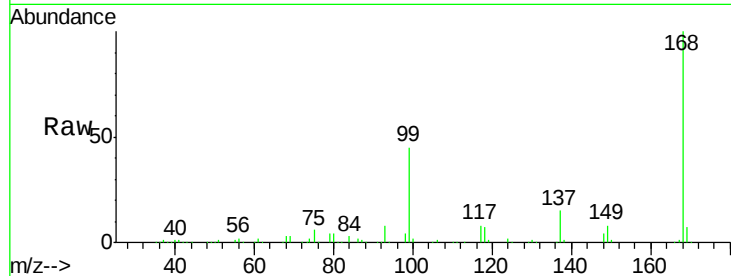
VSTDCCC050EC

Tot Ion:168 Resp: 199304

Ion Ratio Lower Upper

168 100

99 45.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

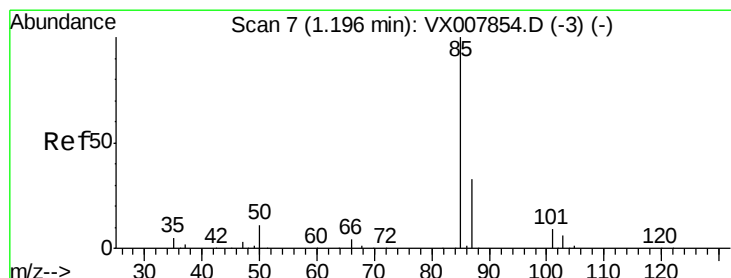
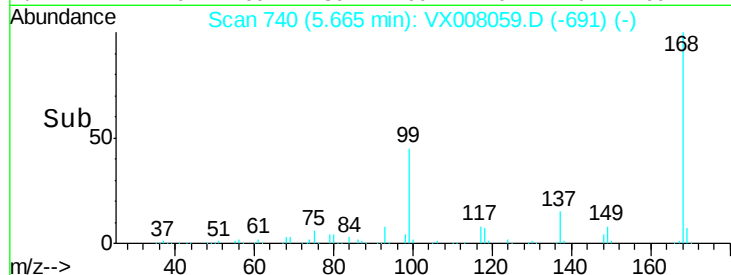
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.401 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008059.D

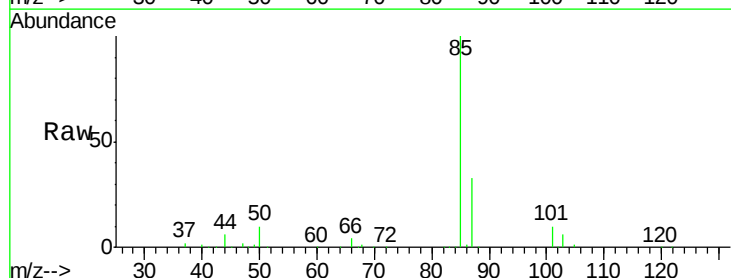
Acq: 13 Mar 2019 19:42

Tgt Ion: 85 Resp: 85820

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

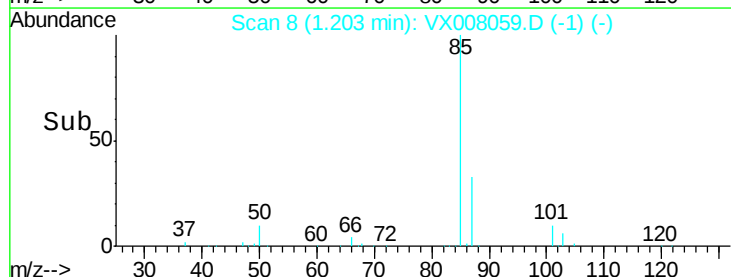
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.771 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

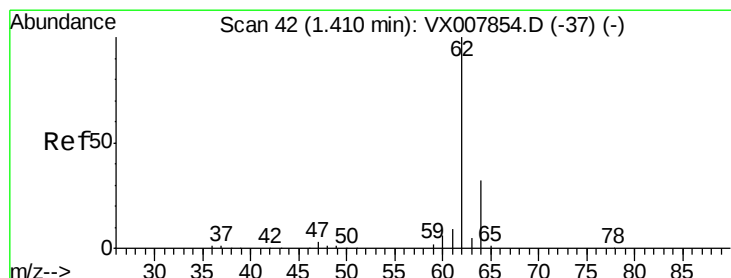
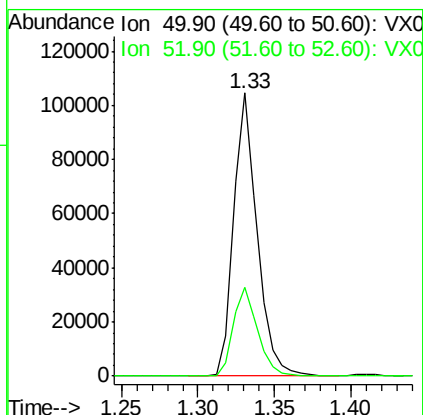
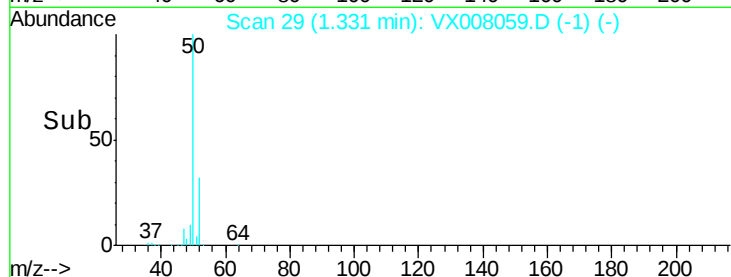
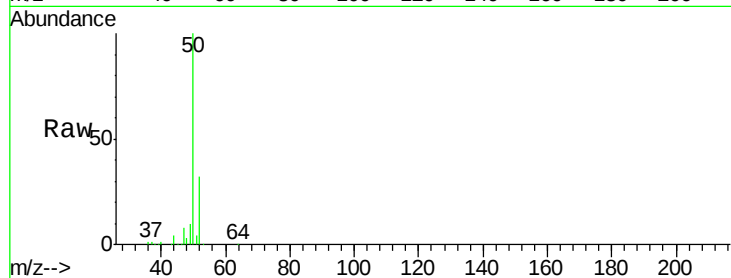
VSTDCCC050EC

Tot Ion: 50 Resp: 111410

Ion Ratio Lower Upper

50 100

52 31.6 26.5 39.7



#4

Vinyl Chloride

Concen: 53.190 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008059.D

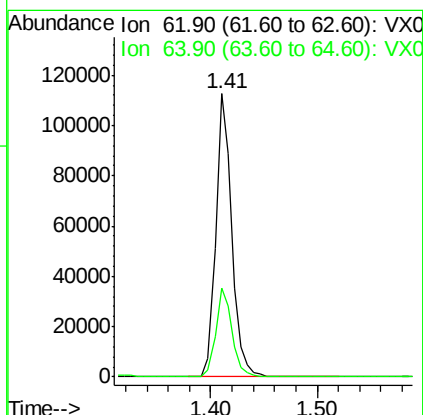
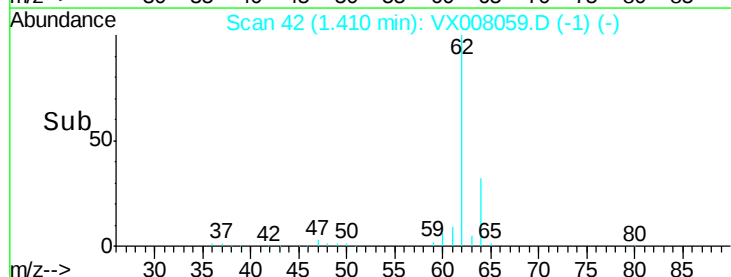
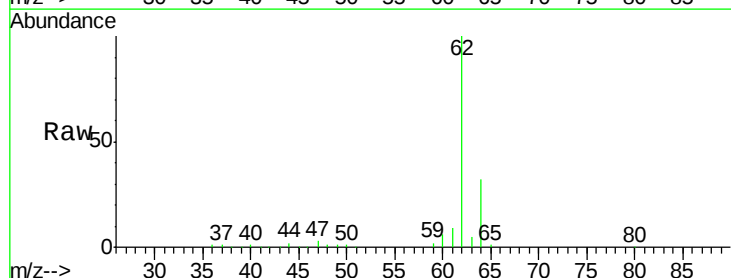
Acq: 13 Mar 2019 19:42

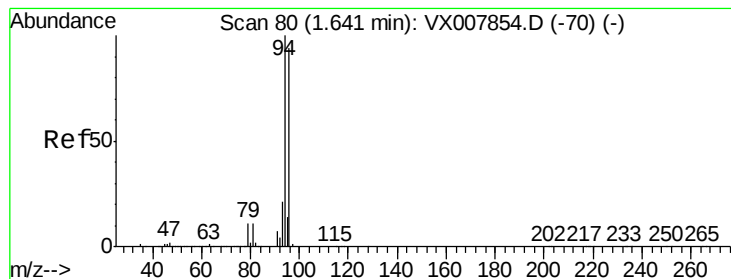
Tgt Ion: 62 Resp: 115972

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 52.542 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

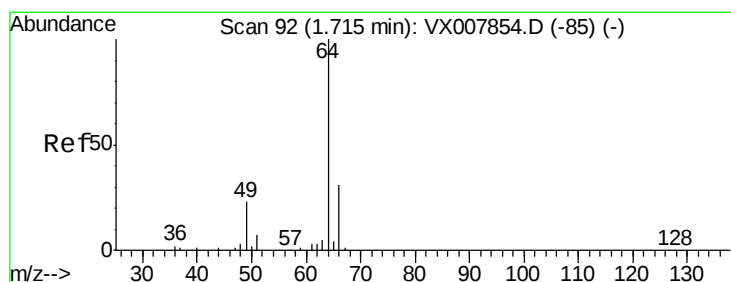
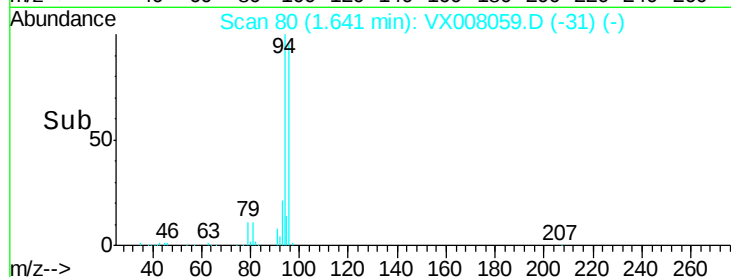
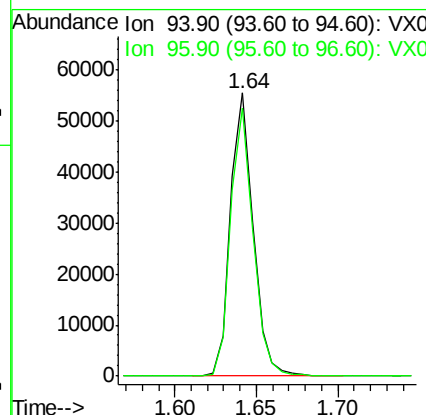
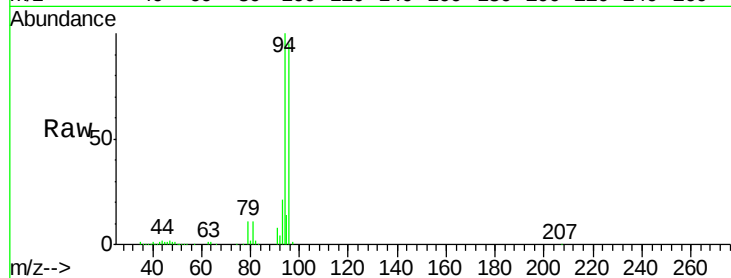
VSTDCCC050EC

Tot Ion: 94 Resp: 53702

Ion Ratio Lower Upper

94 100

96 94.5 75.5 113.3



#6

Chloroethane

Concen: 43.287 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008059.D

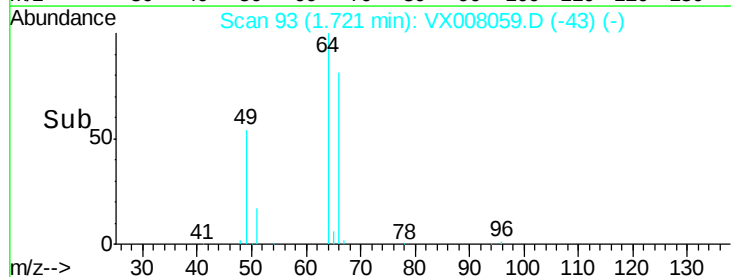
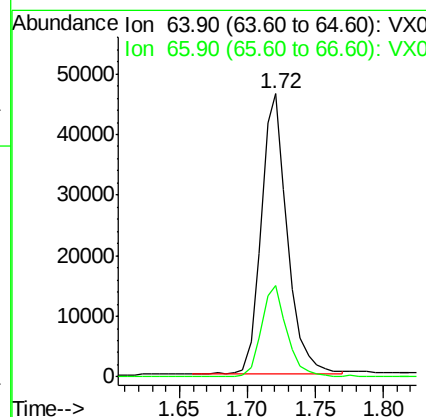
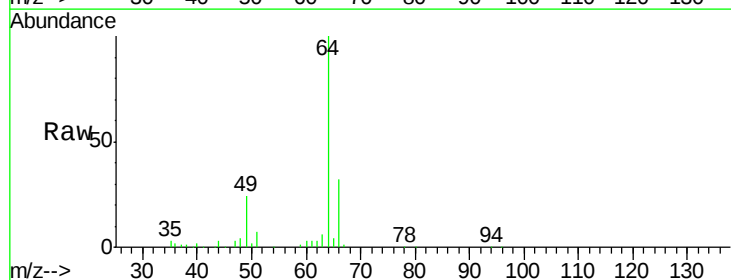
Acq: 13 Mar 2019 19:42

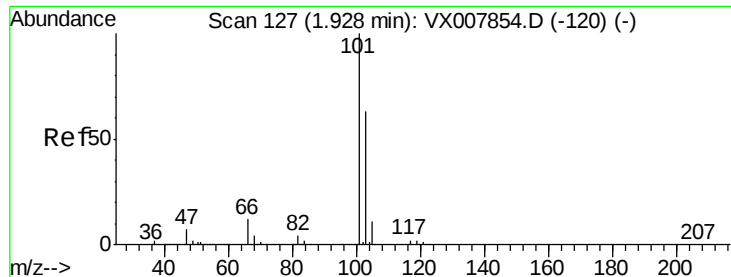
Tgt Ion: 64 Resp: 62699

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8



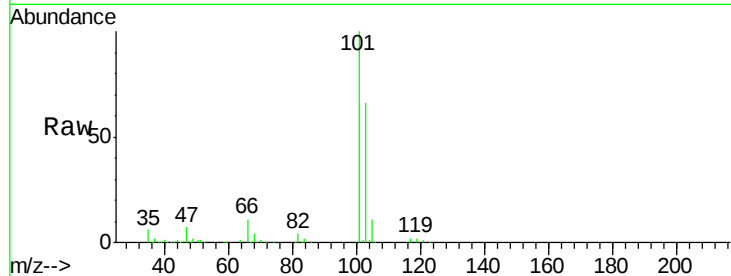


#7

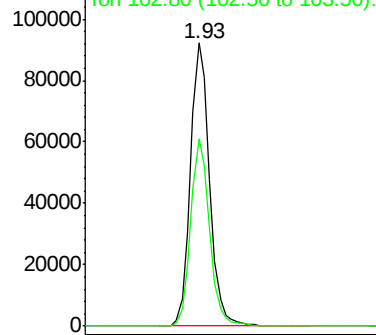
Trichlorofluoromethane
Concen: 48.052 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

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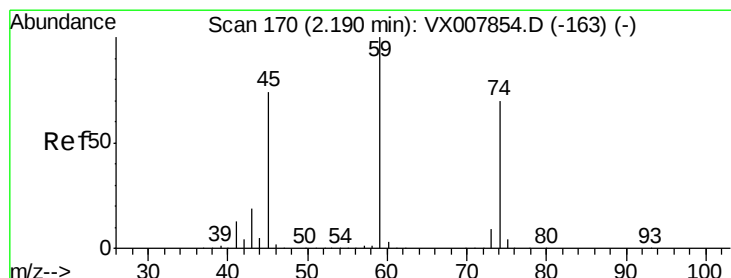
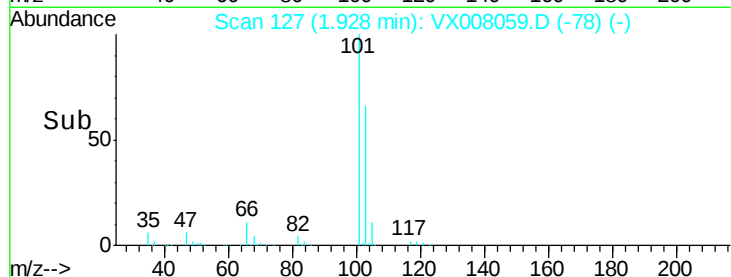
Tot Ion:101 Resp: 136406
Ion Ratio Lower Upper
101 100
103 66.4 50.4 75.6



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



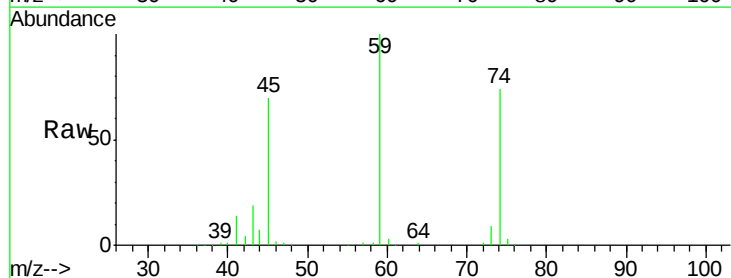
Time-->



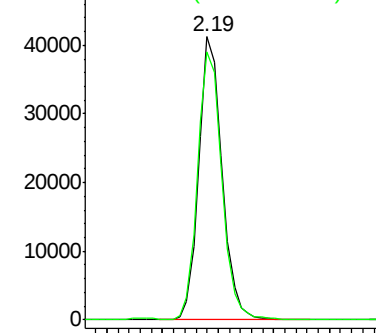
#8

Diethyl Ether
Concen: 48.753 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

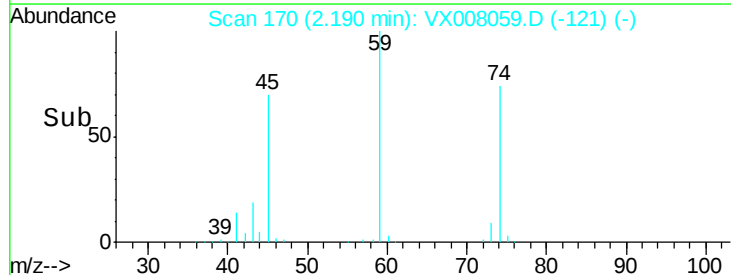
Tgt Ion: 74 Resp: 59930
Ion Ratio Lower Upper
74 100
45 97.9 52.1 156.4

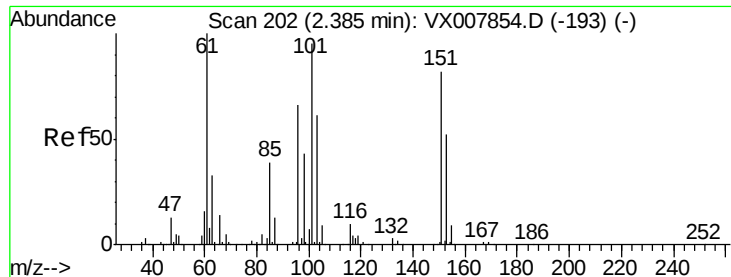


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.370 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

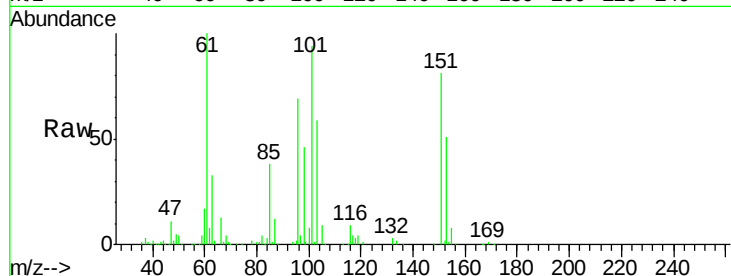
Tot Ion:101 Resp: 83331

Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.6

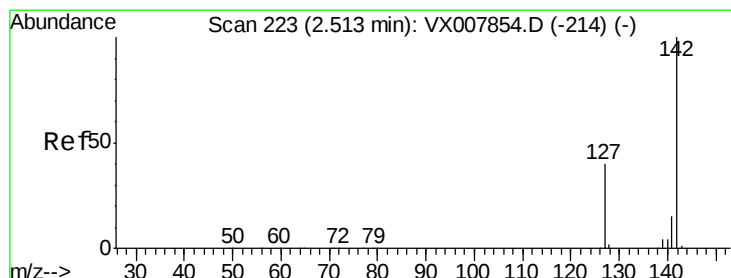
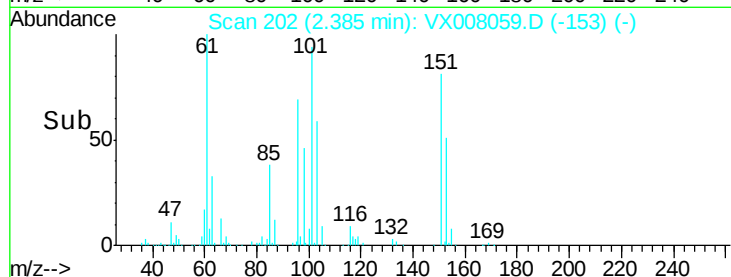
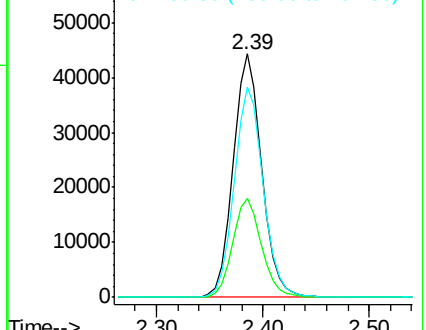
151 88.1 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.402 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

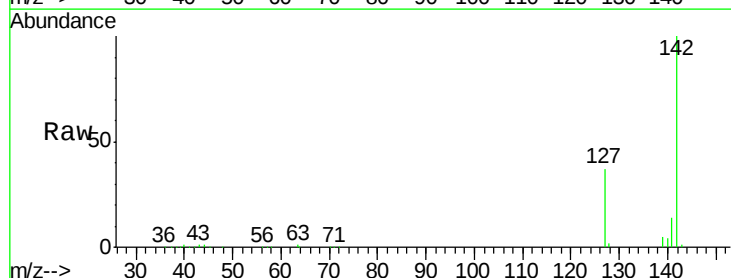
Tgt Ion:142 Resp: 133273

Ion Ratio Lower Upper

142 100

127 38.2 32.1 48.1

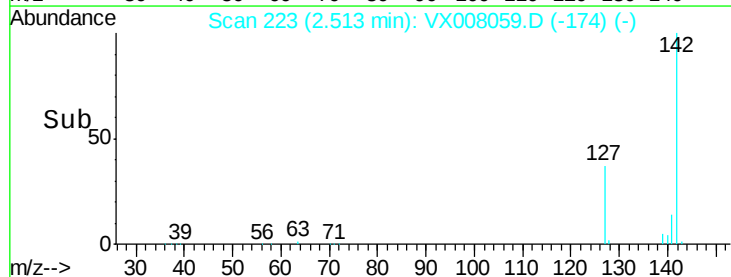
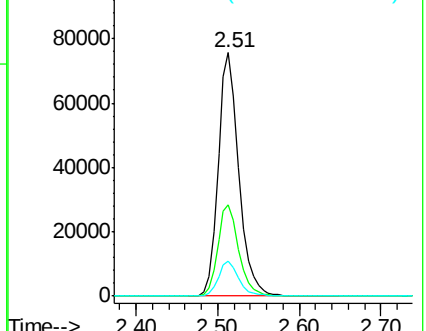
141 14.2 11.4 17.2

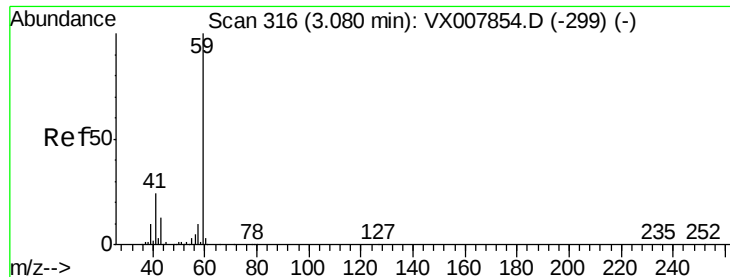


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

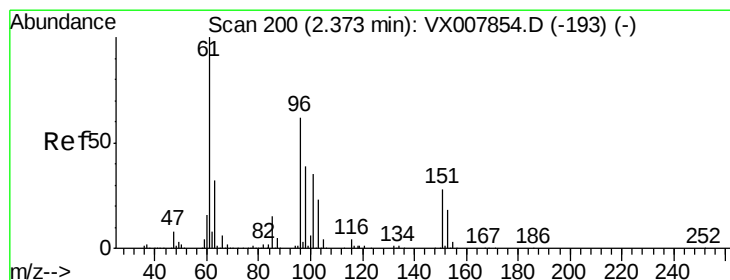
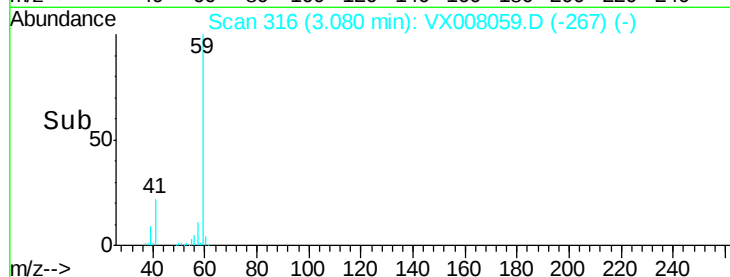
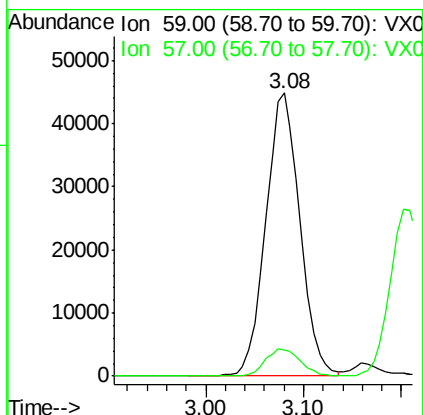
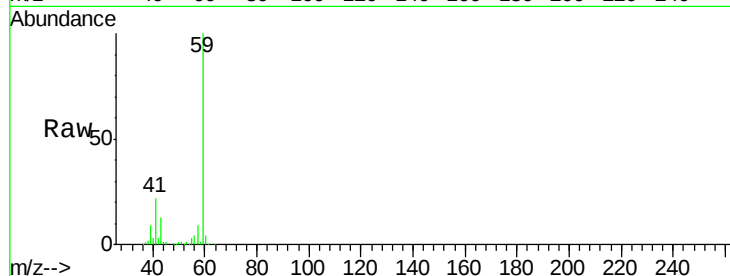




#11
Tert butyl alcohol
Concen: 232.450 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

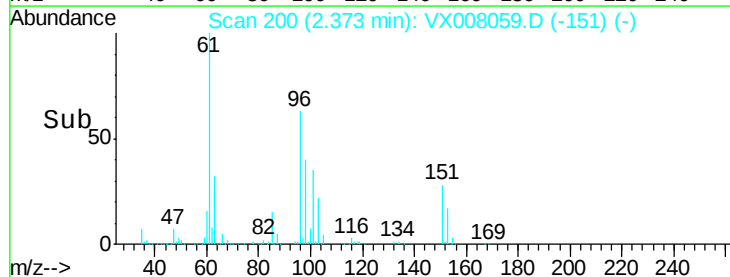
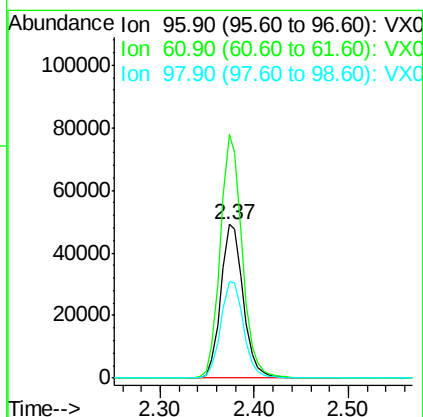
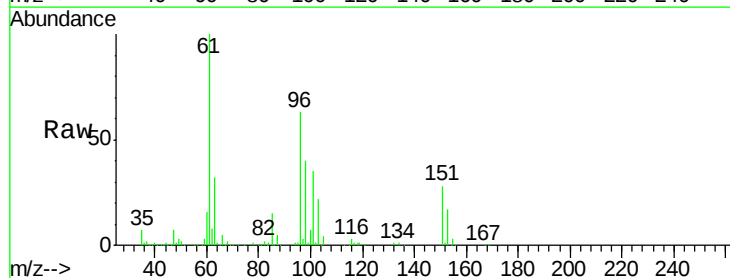
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 109294
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.813 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion: 96 Resp: 81077
Ion Ratio Lower Upper
96 100
61 158.3 129.8 194.6
98 63.1 51.0 76.6





#13

Acrolein

Concen: 316.489 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

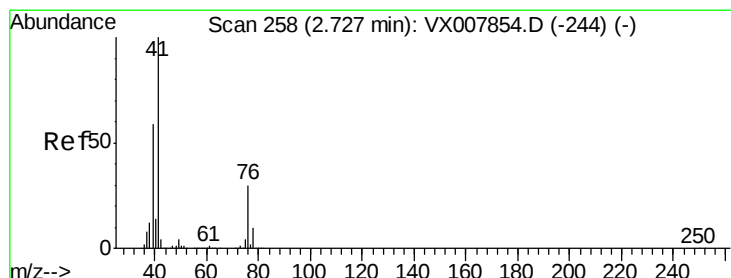
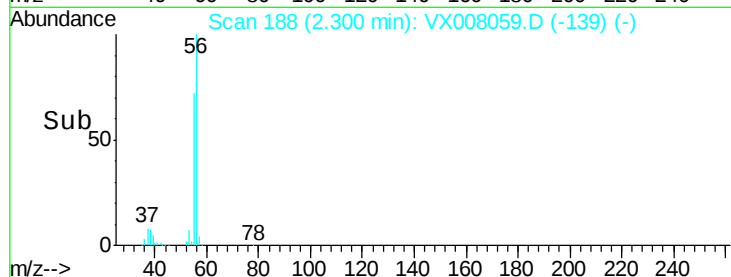
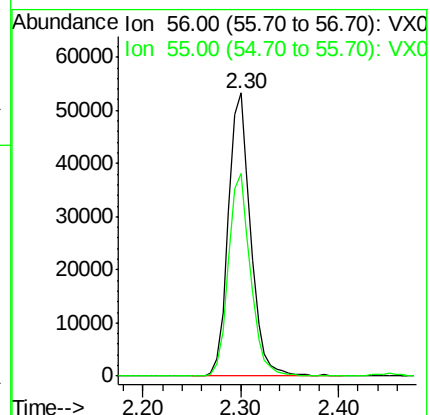
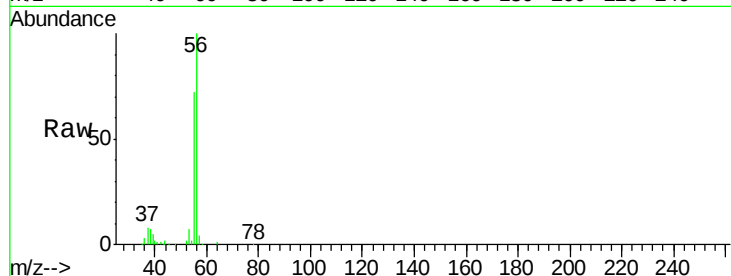
VSTDCCC050EC

Tot Ion: 56 Resp: 84321

Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.6



#14

Allyl chloride

Concen: 41.897 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

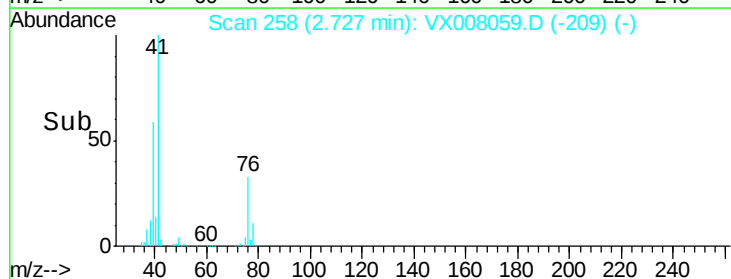
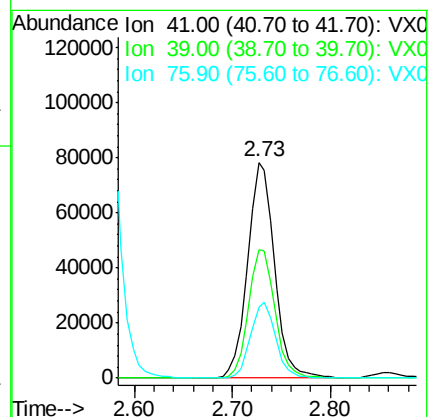
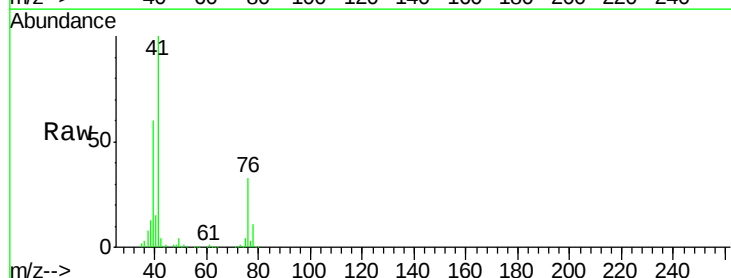
Tgt Ion: 41 Resp: 149289

Ion Ratio Lower Upper

41 100

39 58.8 46.1 69.1

76 33.2 24.0 36.0

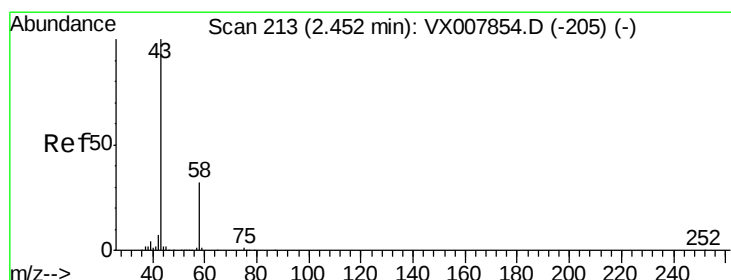
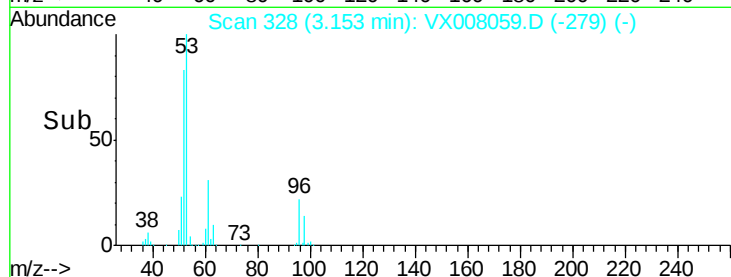
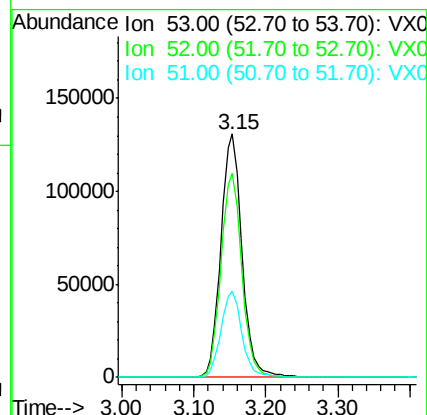
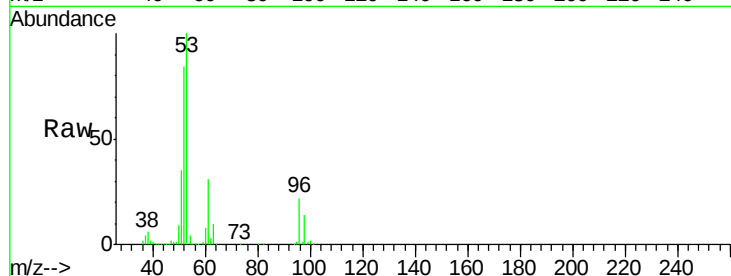




#15
 Acrylonitrile
 Concen: 222.906 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

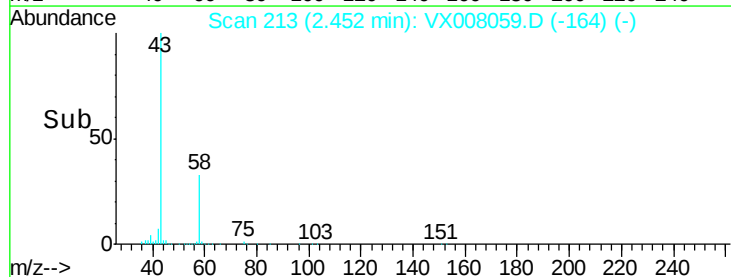
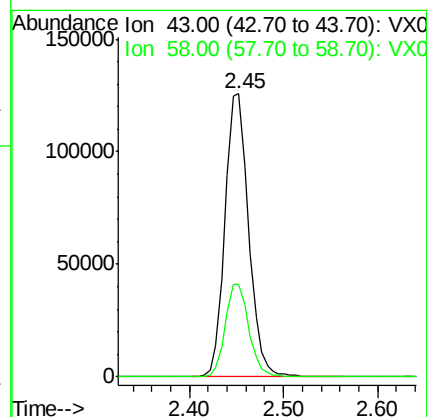
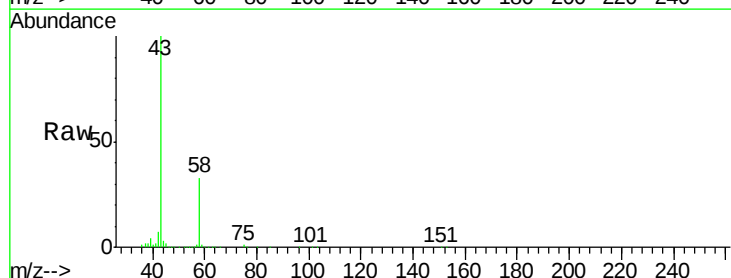
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

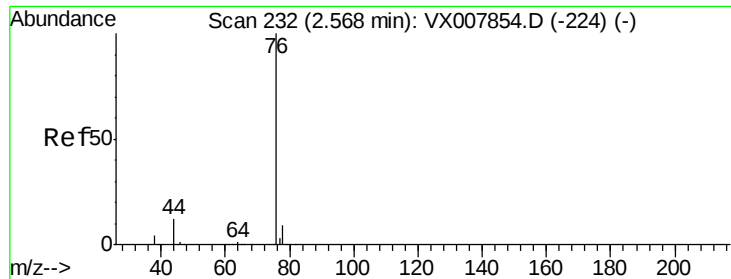
Tot Ion: 53 Resp: 264542
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.0 99.0
 51 35.8 28.0 42.0



#16
 Acetone
 Concen: 179.632 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion: 43 Resp: 218598
 Ion Ratio Lower Upper
 43 100
 58 32.5 25.5 38.3

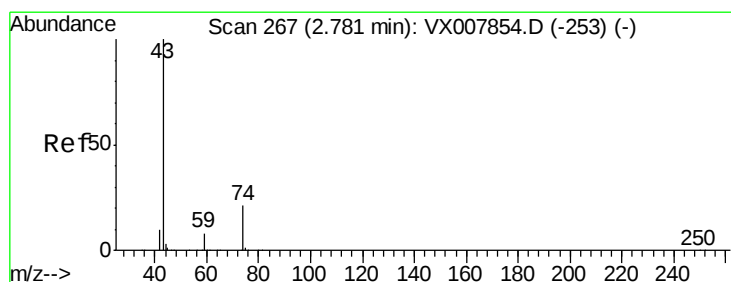
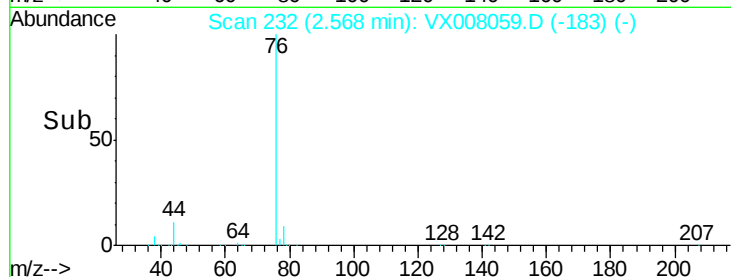
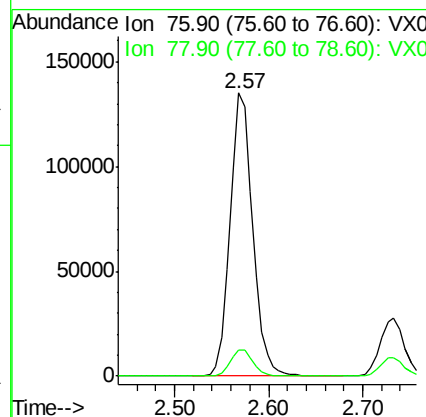
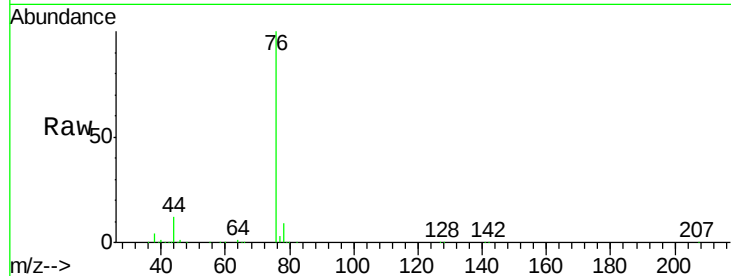




#17
Carbon Disulfide
Concen: 43.876 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

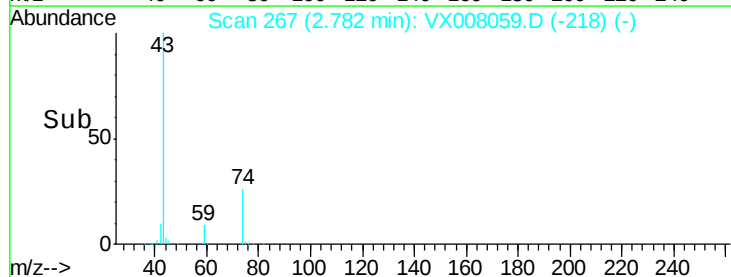
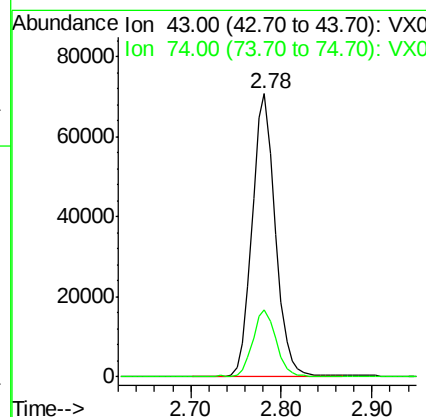
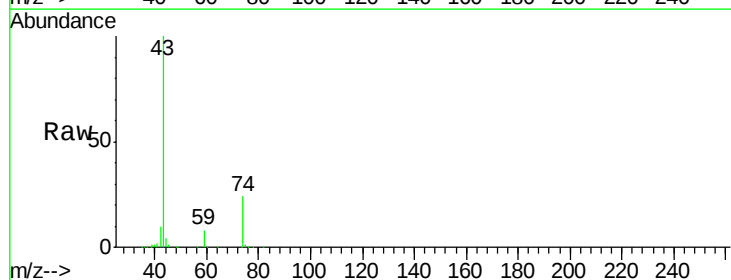
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

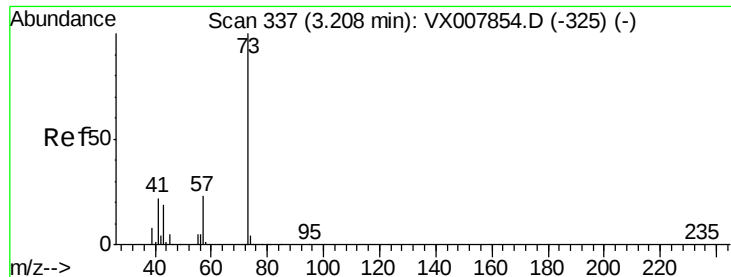
Tot Ion: 76 Resp: 226220
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 48.486 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion: 43 Resp: 125351
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.6



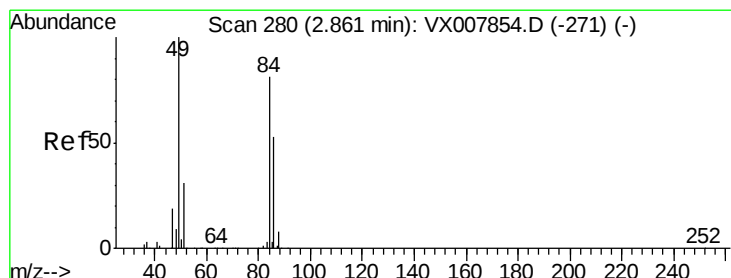
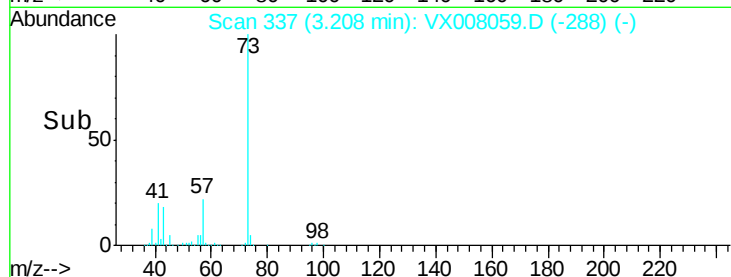
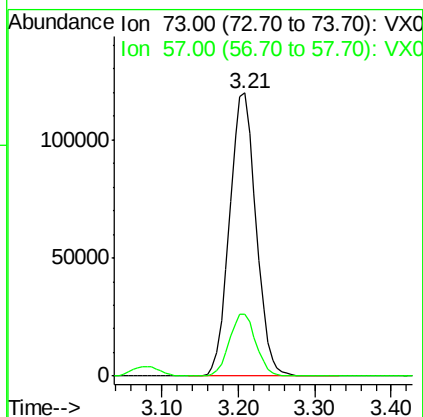
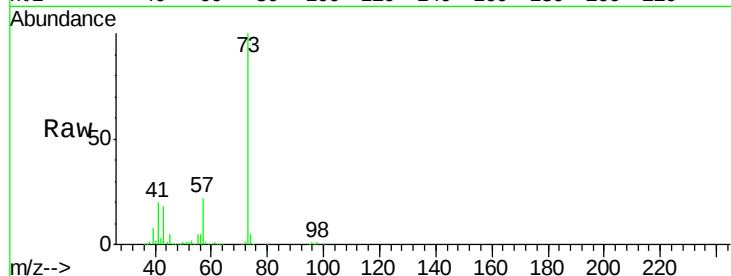


#19

Methyl tert-butyl Ether
 Concen: 49.144 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

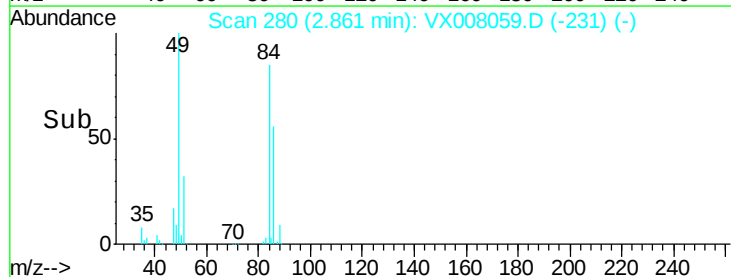
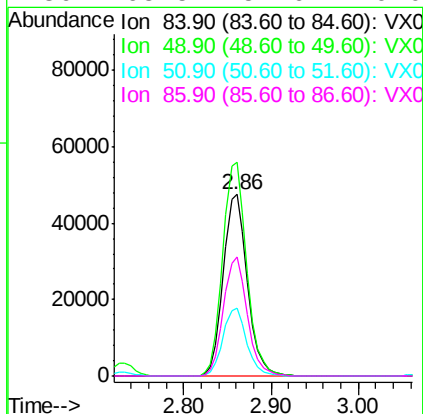
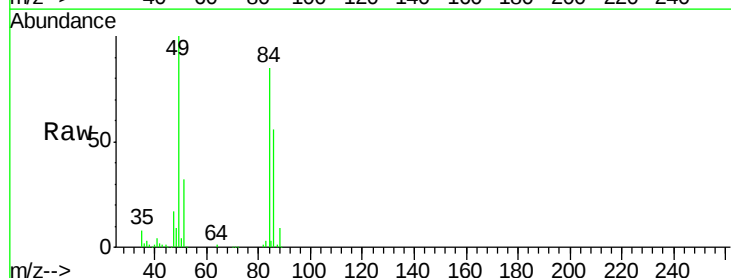
Tot Ion: 73 Resp: 286687
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.4



#20

Methylene Chloride
 Concen: 46.793 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion: 84 Resp: 90625
 Ion Ratio Lower Upper
 84 100
 49 117.7 99.3 148.9
 51 37.1 31.3 46.9
 86 65.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 46.351 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

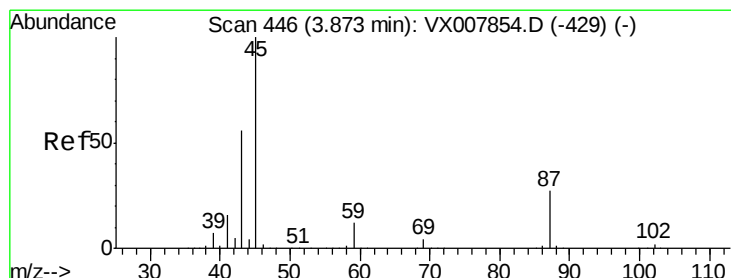
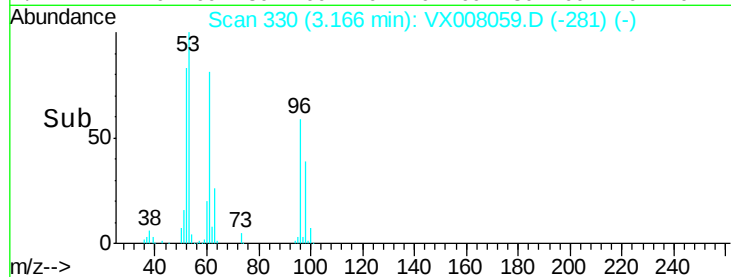
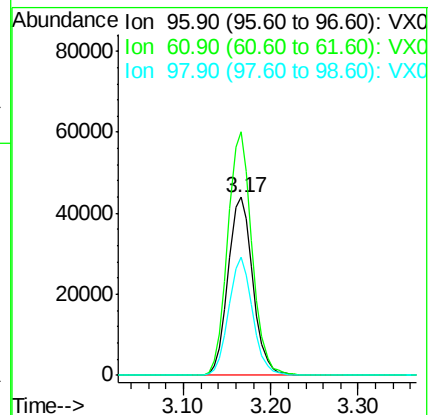
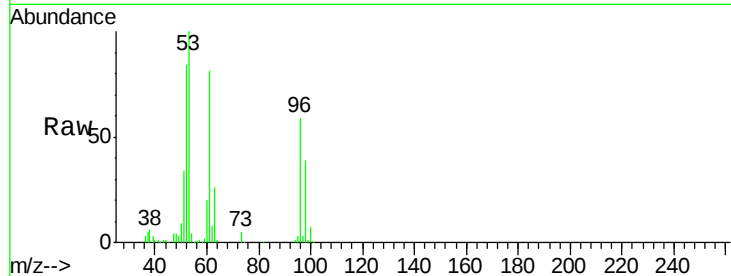
Tot Ion: 96 Resp: 86482

Ion Ratio Lower Upper

96 100

61 136.6 114.4 171.6

98 66.0 51.1 76.7



#22

Diisopropyl ether

Concen: 46.150 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Tgt Ion: 45 Resp: 301438

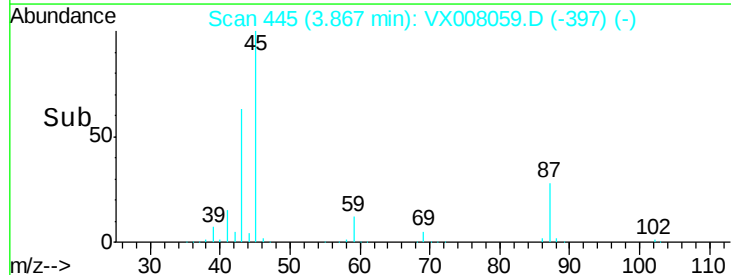
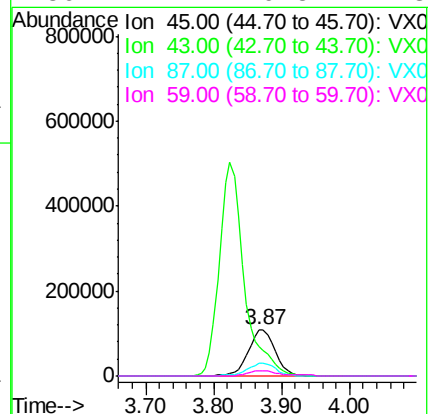
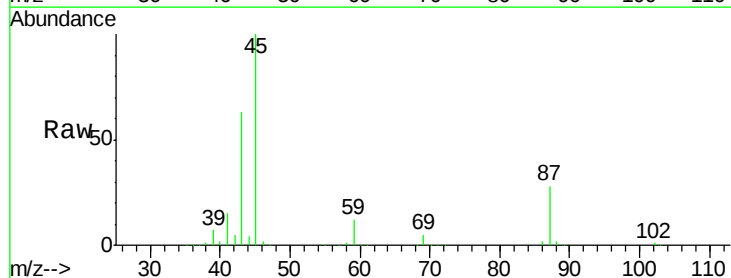
Ion Ratio Lower Upper

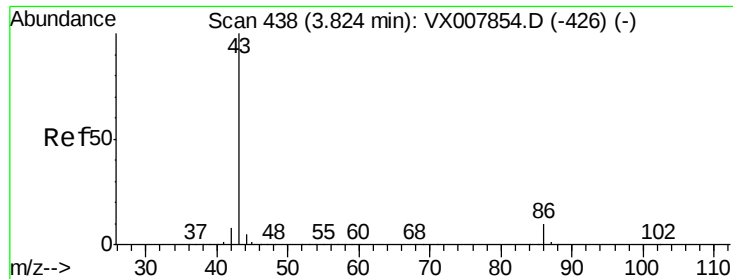
45 100

43 62.4 45.3 67.9

87 27.5 21.4 32.0

59 11.7 9.5 14.3





#23

Vinyl Acetate

Concen: 224.090 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

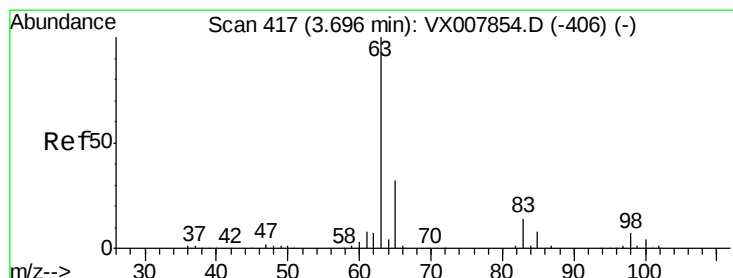
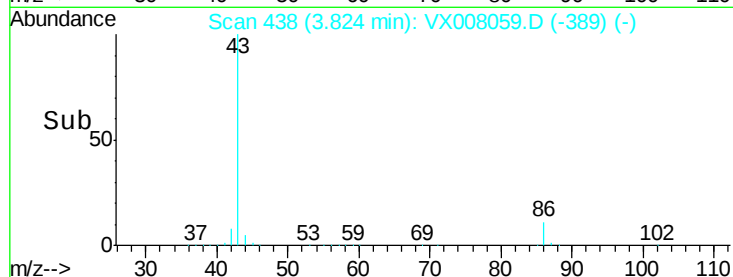
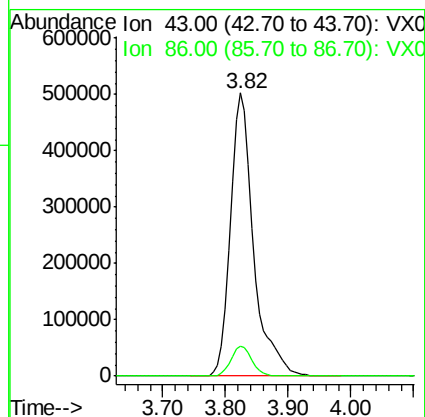
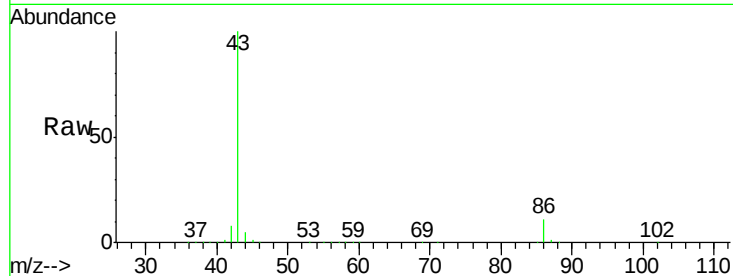
VSTDCCC050EC

Tot Ion: 43 Resp: 1283550

Ion Ratio Lower Upper

43 100

86 10.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 47.252 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

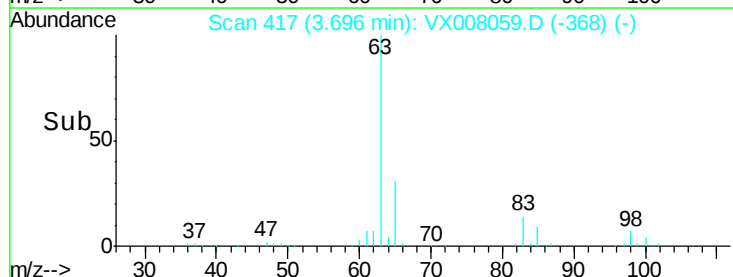
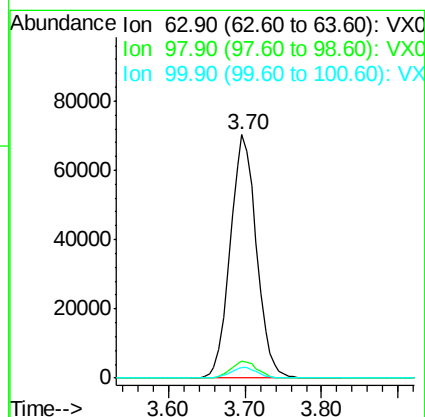
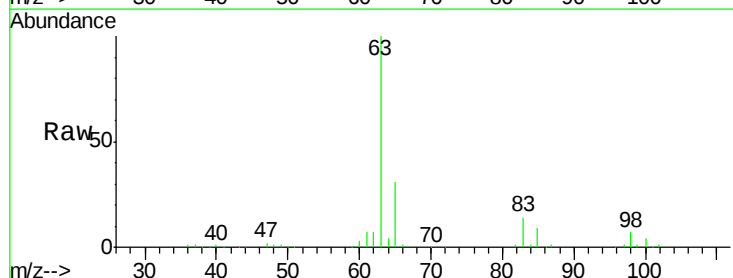
Tgt Ion: 63 Resp: 166094

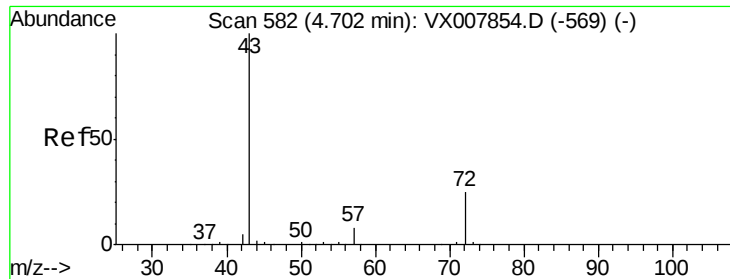
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 217.617 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

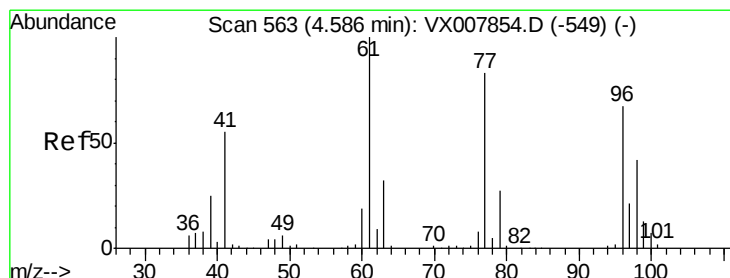
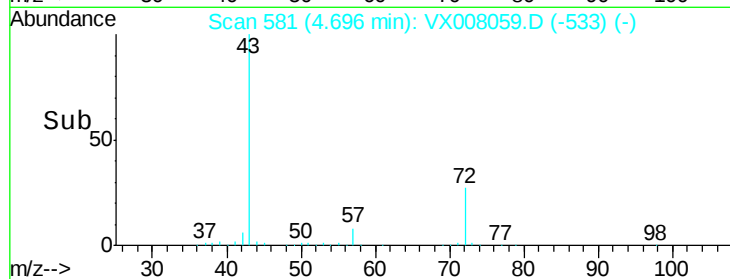
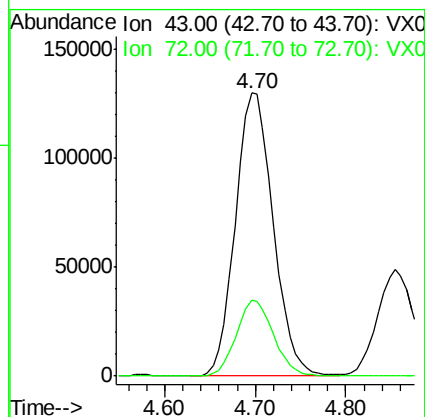
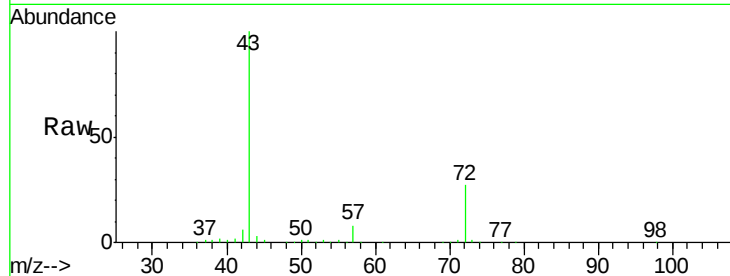
VSTDCCC050EC

Tot Ion: 43 Resp: 374921

Ion Ratio Lower Upper

43 100

72 26.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 44.228 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008059.D

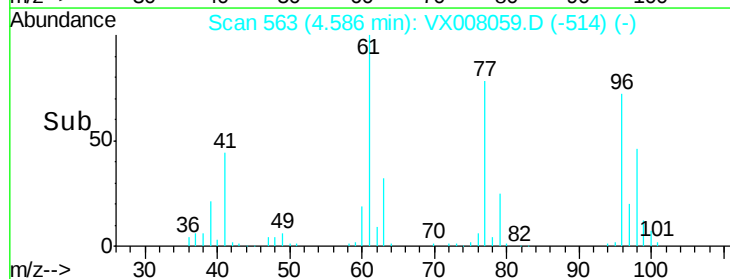
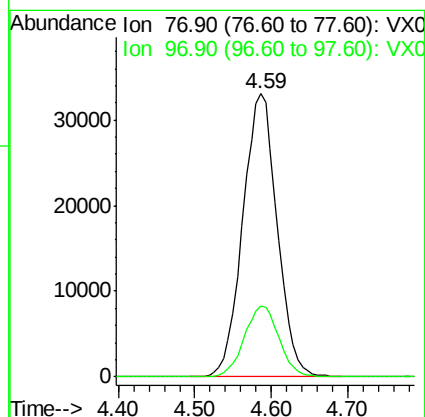
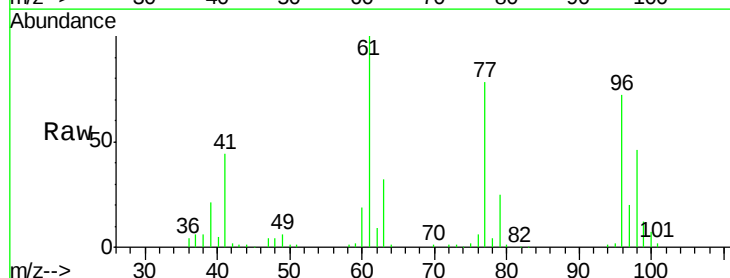
Acq: 13 Mar 2019 19:42

Tgt Ion: 77 Resp: 102995

Ion Ratio Lower Upper

77 100

97 25.4 12.2 36.6



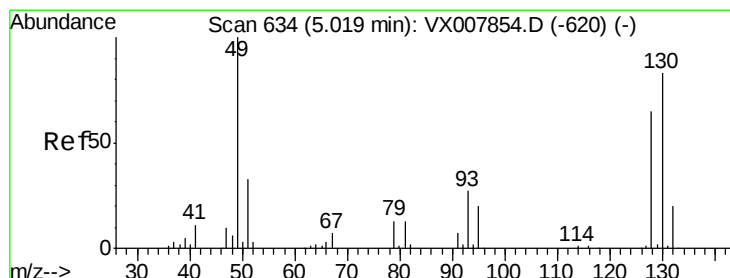
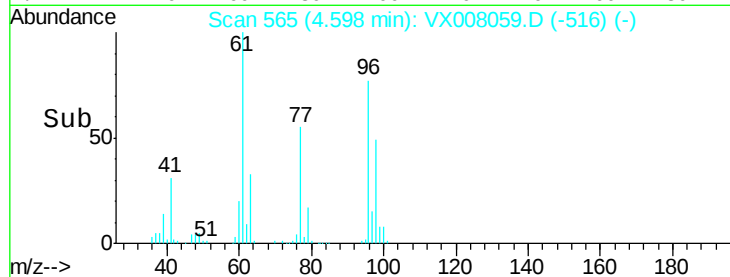
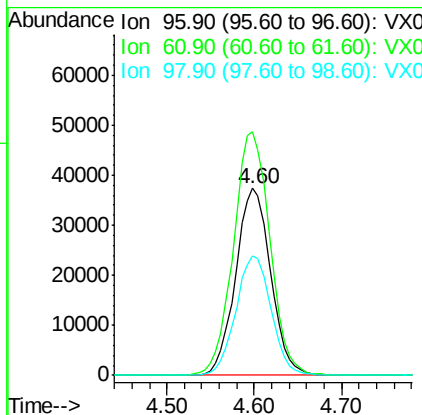
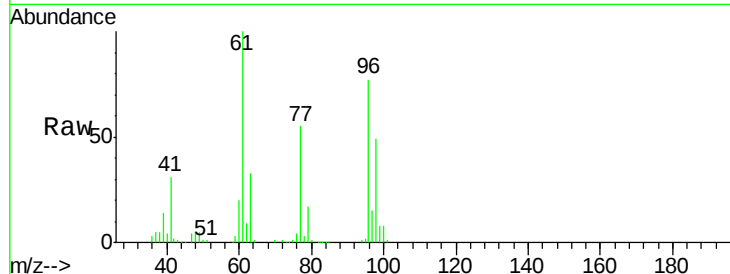


#27

cis-1,2-Dichloroethene
 Concen: 48.712 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

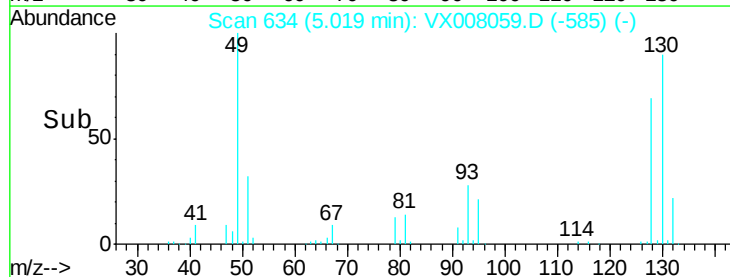
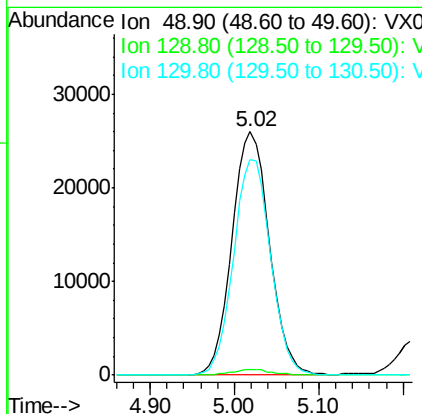
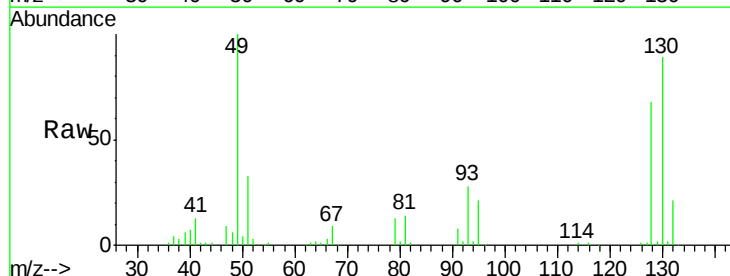
Tot Ion: 96 Resp: 104002
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 288.0
 98 64.4 0.0 129.0



#28

Bromochloromethane
 Concen: 47.750 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion: 49 Resp: 78249
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 87.8 65.0 97.4





#29

Tetrahydrofuran

Concen: 232.255 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

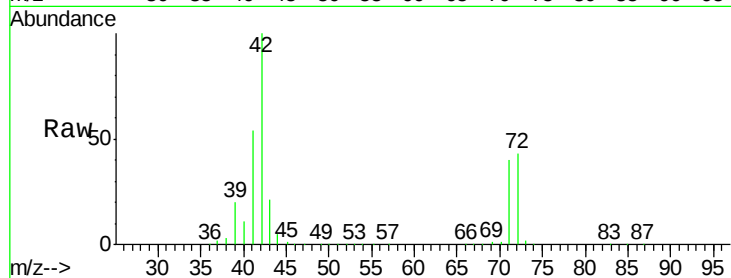
Tot Ion: 42 Resp: 249593

Ion Ratio Lower Upper

42 100

72 44.7 33.8 50.6

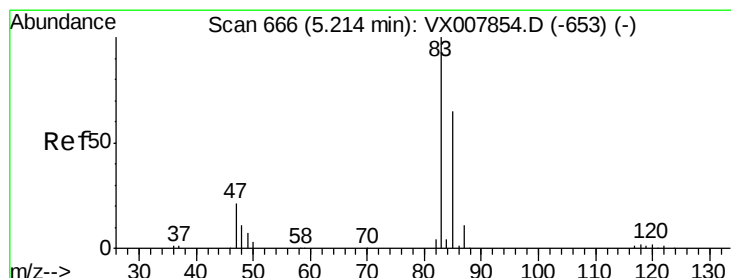
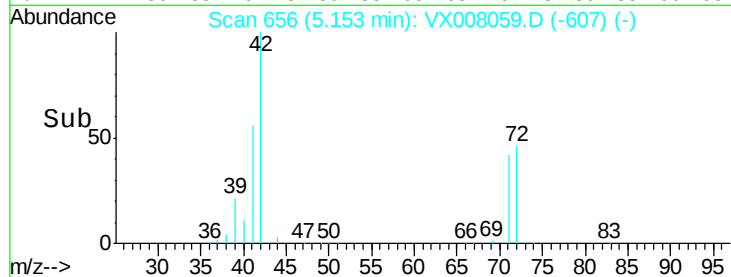
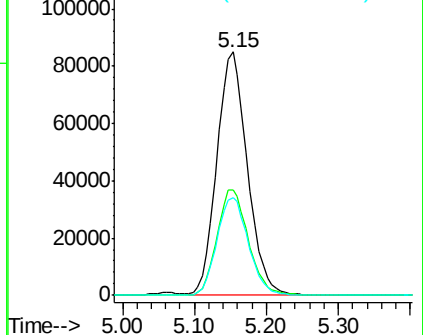
71 41.5 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.463 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008059.D

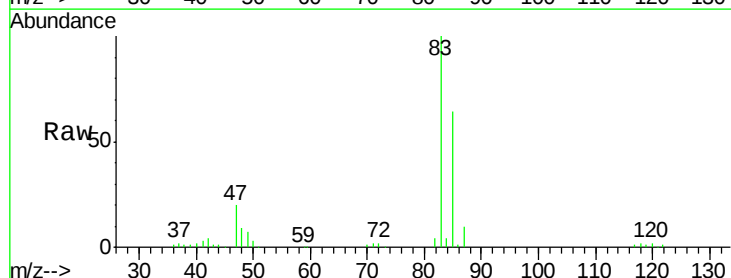
Acq: 13 Mar 2019 19:42

Tgt Ion: 83 Resp: 164465

Ion Ratio Lower Upper

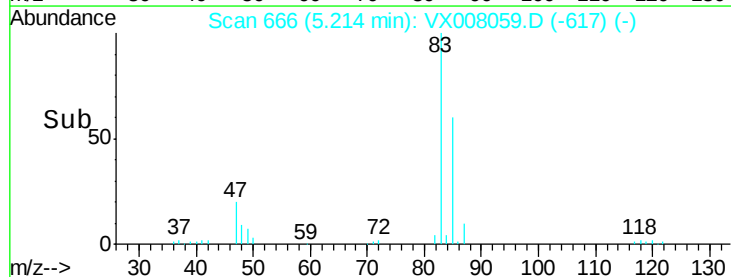
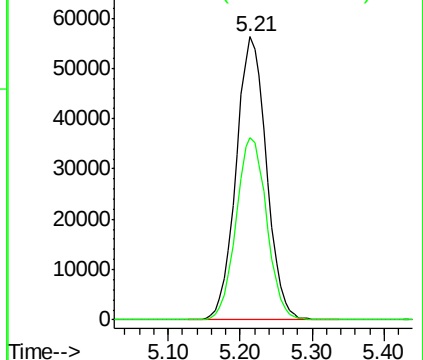
83 100

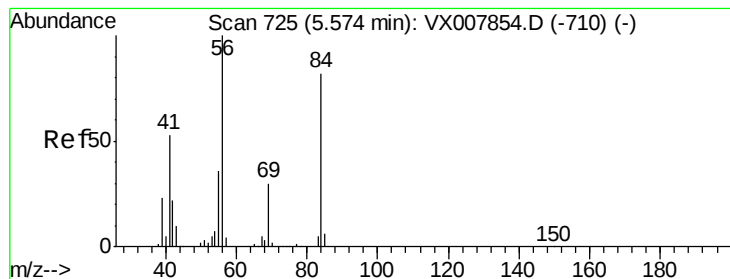
85 64.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.563 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

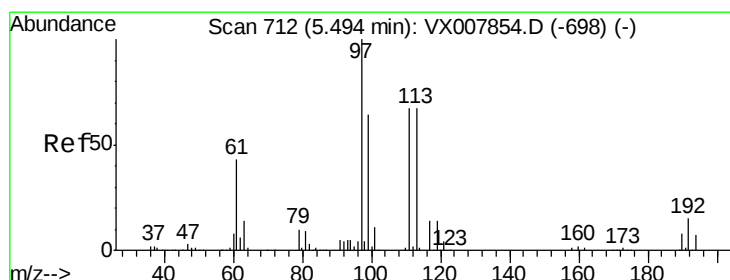
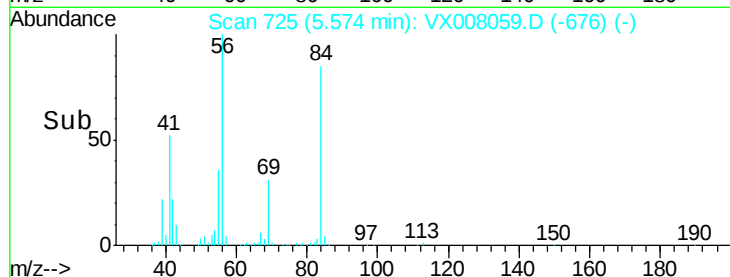
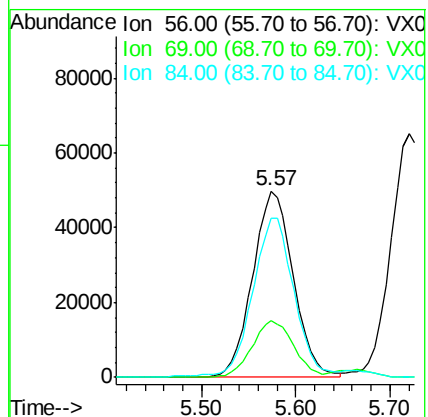
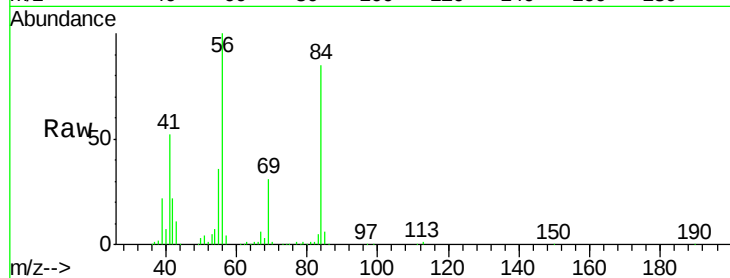
Tot Ion: 56 Resp: 150423

Ion Ratio Lower Upper

56 100

69 30.7 24.0 36.0

84 84.1 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 50.433 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

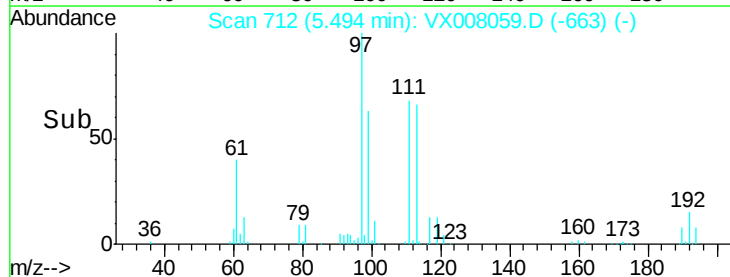
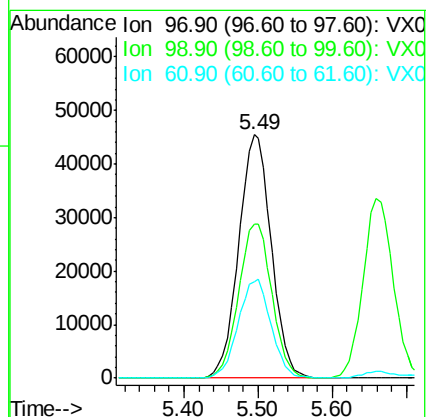
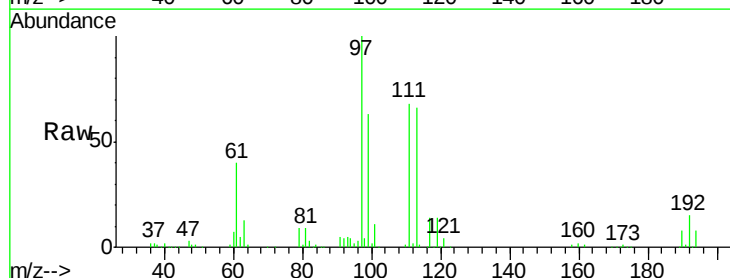
Tgt Ion: 97 Resp: 139132

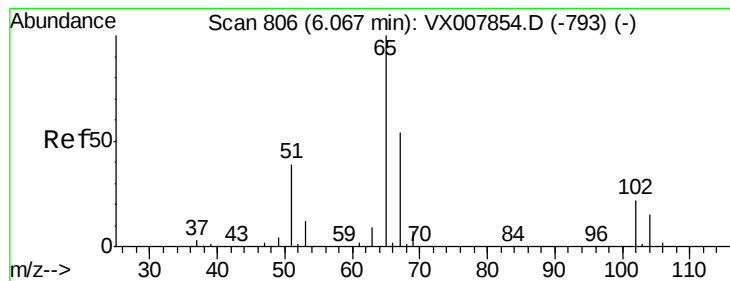
Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.2

61 41.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 48.229 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

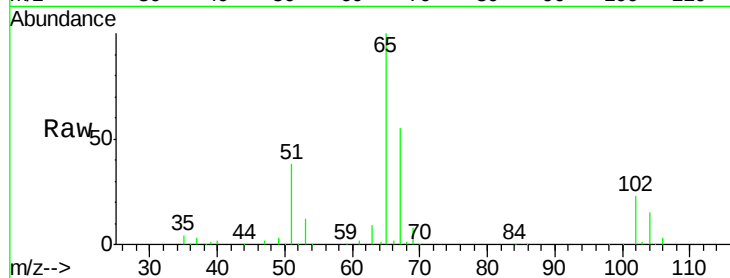
VSTDCCC050EC

Tot Ion: 65 Resp: 101400

Ion Ratio Lower Upper

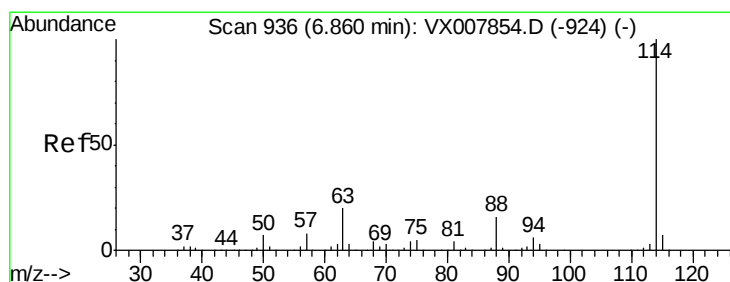
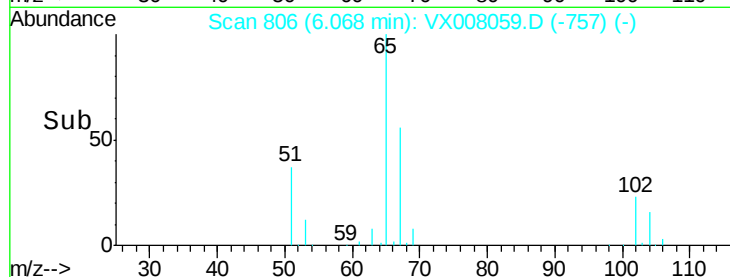
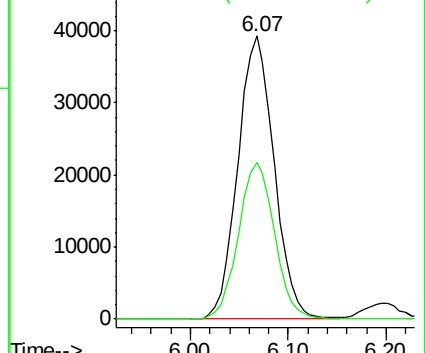
65 100

67 55.1 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

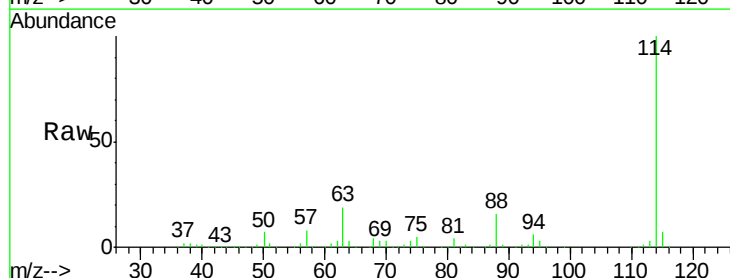
Tgt Ion: 114 Resp: 296691

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

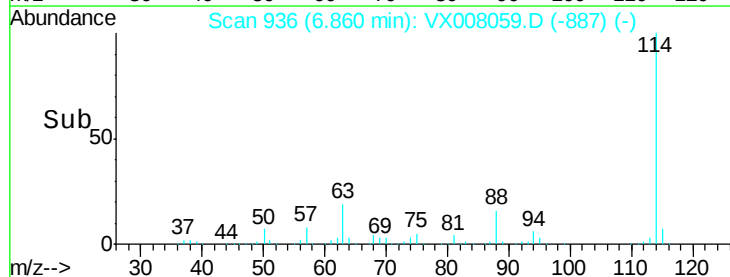
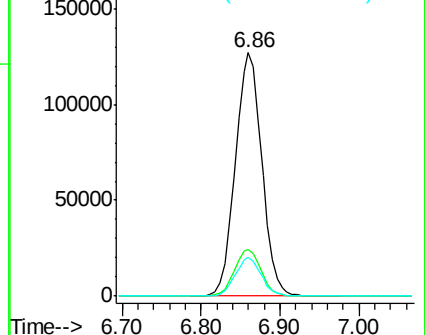
88 15.9 0.0 31.4

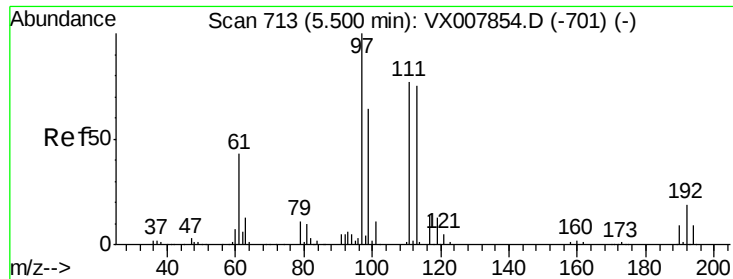


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.136 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

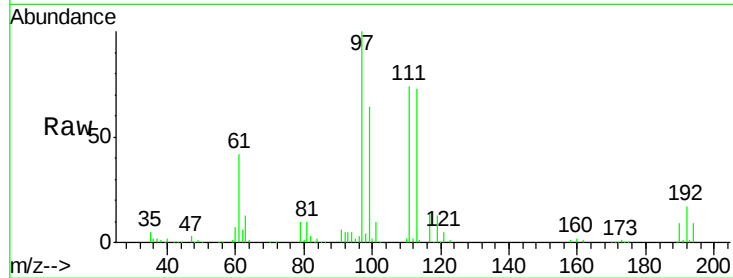
Tot Ion:113 Resp: 93252

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

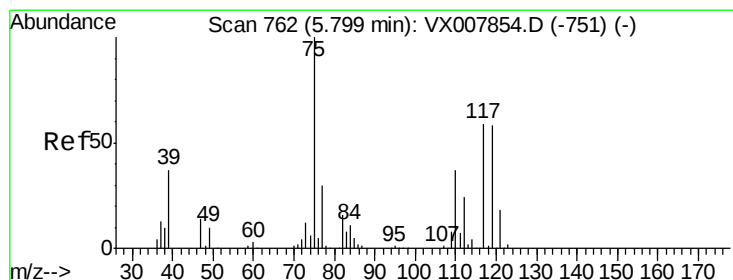
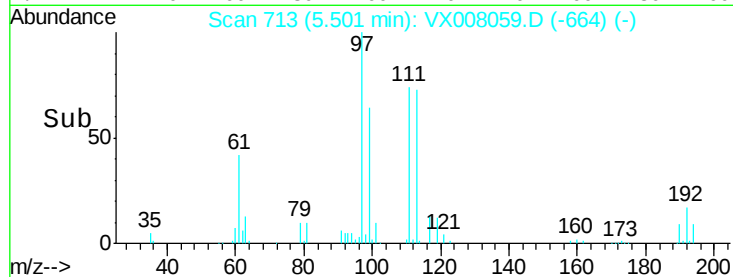
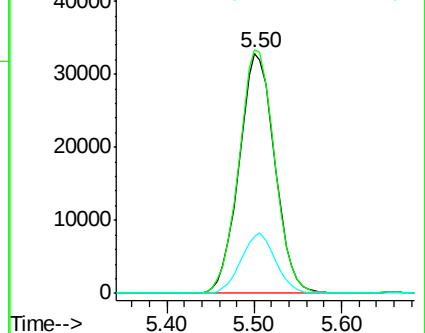
192 24.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.191 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

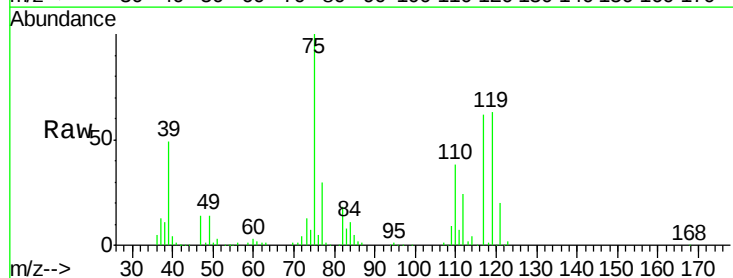
Tgt Ion: 75 Resp: 124090

Ion Ratio Lower Upper

75 100

110 37.8 18.4 55.0

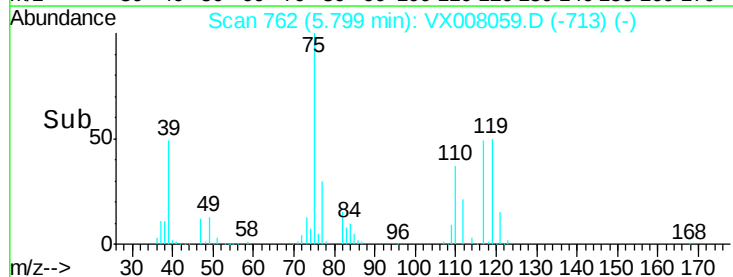
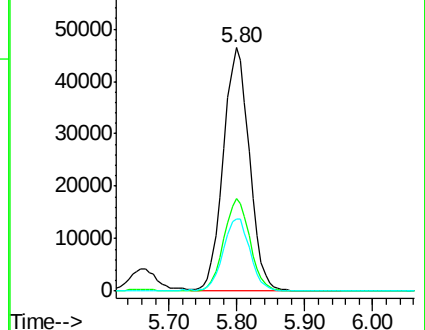
77 30.5 25.0 37.4

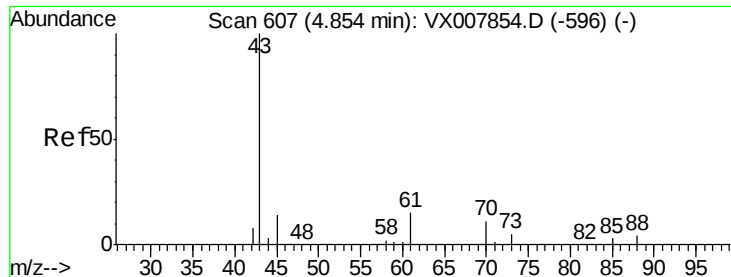


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

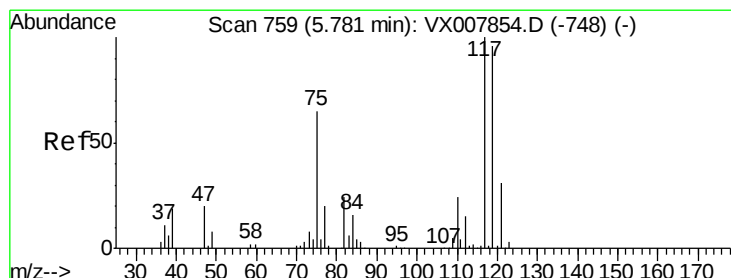
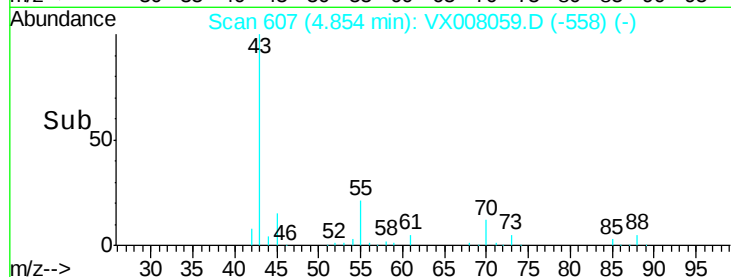
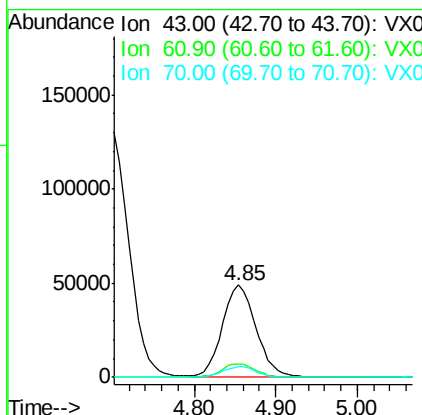
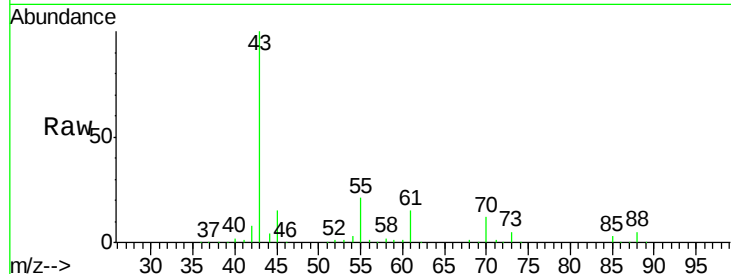




#37
Ethyl Acetate
Concen: 43.871 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

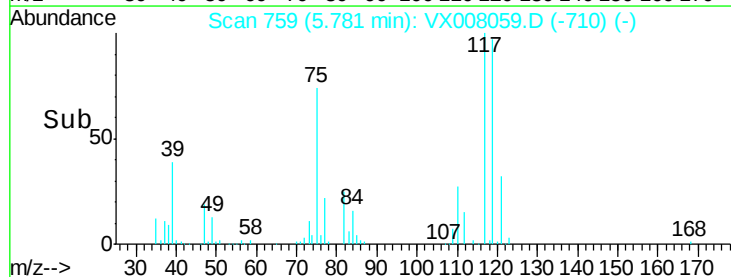
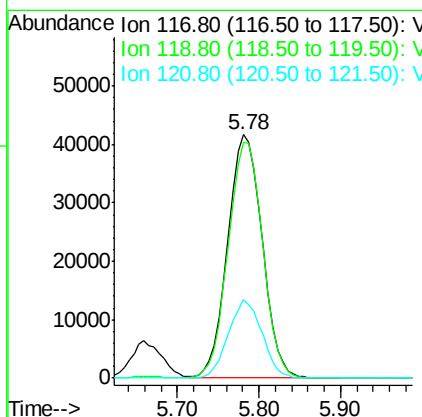
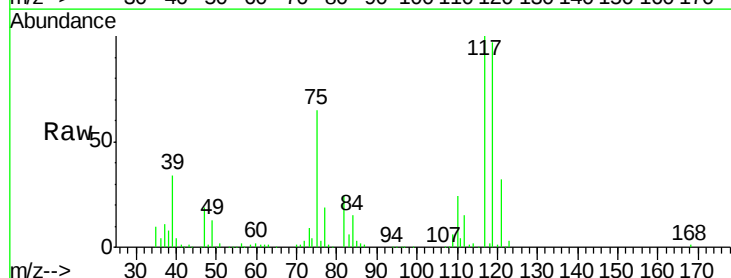
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 139861
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 11.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.833 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion: 117 Resp: 121995
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2
121 32.2 24.6 36.8

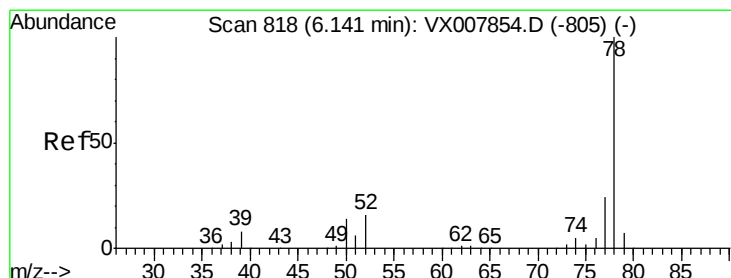
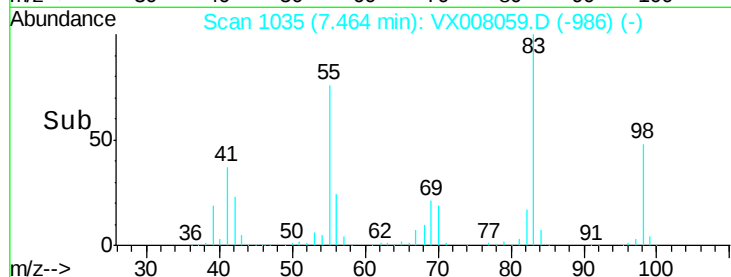
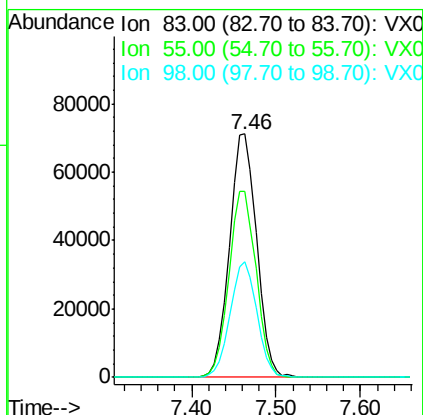
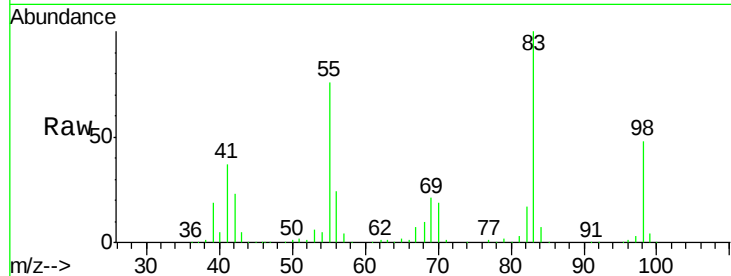




#39
Methvlcvclohexane
Concen: 47.719 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

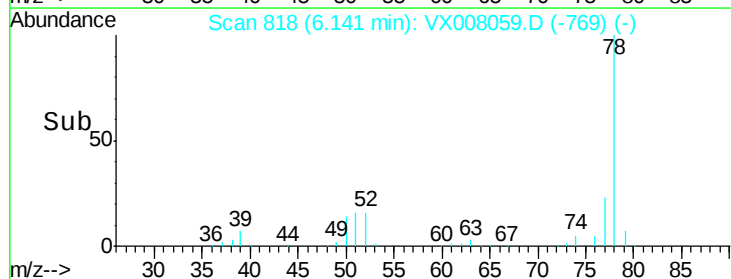
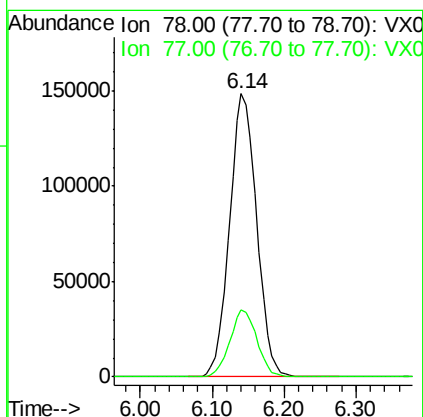
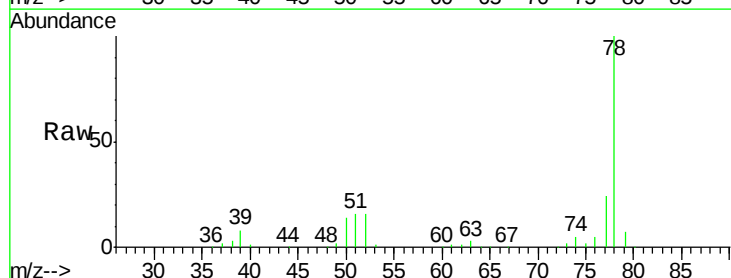
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 155337
Ion Ratio Lower Upper
83 100
55 76.2 60.4 90.6
98 47.7 36.5 54.7



#40
Benzene
Concen: 48.526 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion: 78 Resp: 388099
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 46.621 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 81033

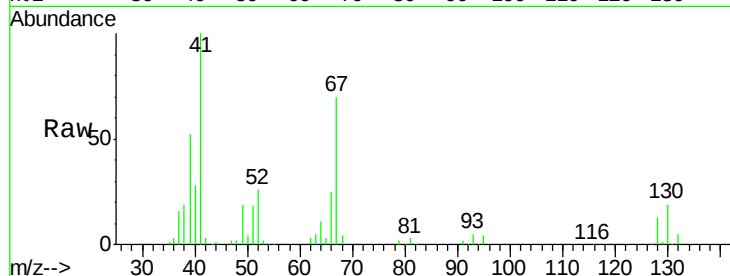
Ion Ratio Lower Upper

41 100

39 52.4 41.6 62.4

67 72.2 55.8 83.6

52 27.3 21.7 32.5

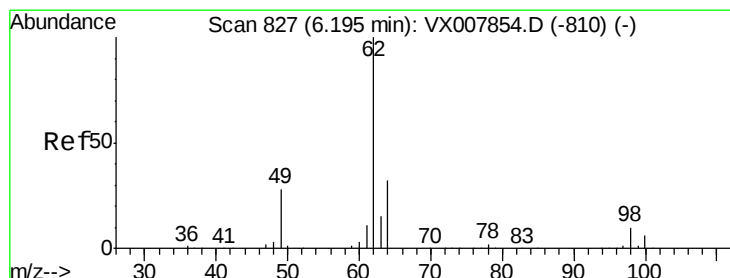
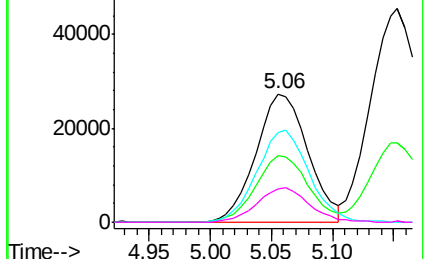
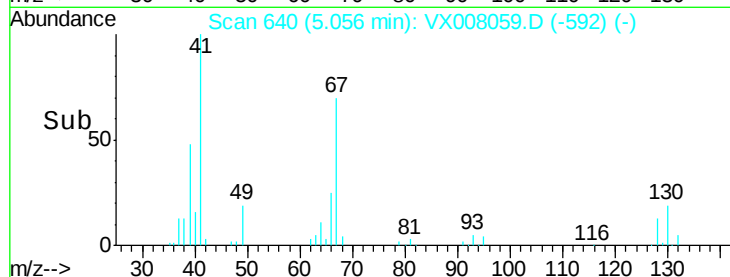


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.709 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008059.D

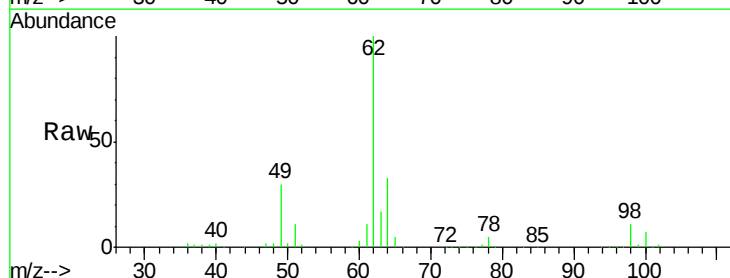
Acq: 13 Mar 2019 19:42

Tgt Ion: 62 Resp: 124785

Ion Ratio Lower Upper

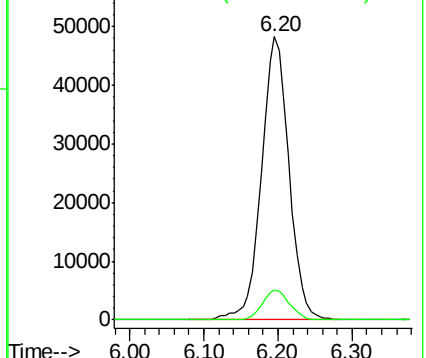
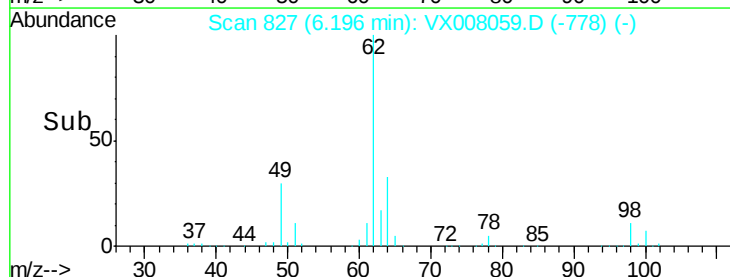
62 100

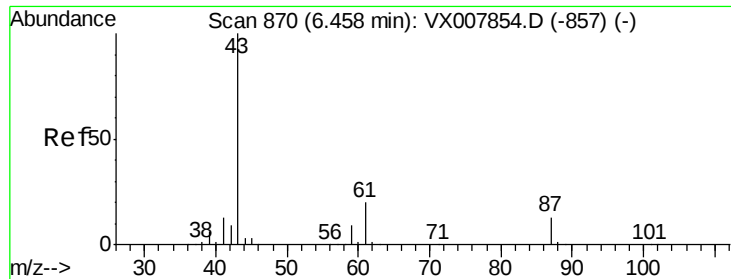
98 10.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



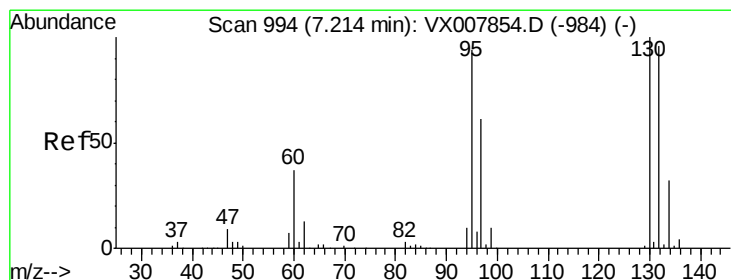
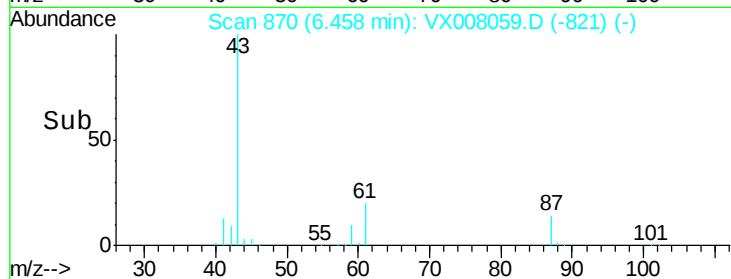
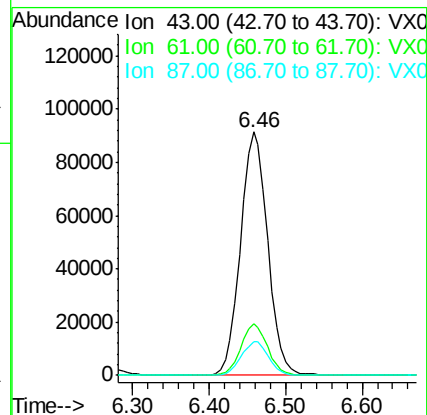
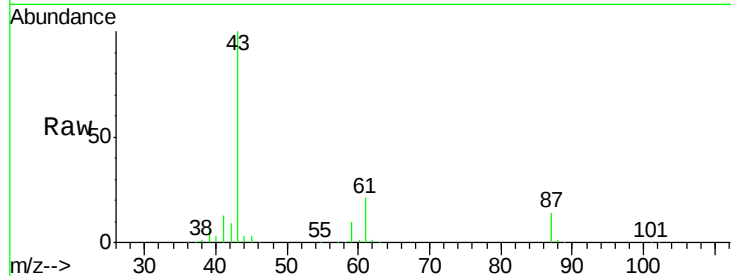


#43

Isopropyl Acetate
 Concen: 47.500 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

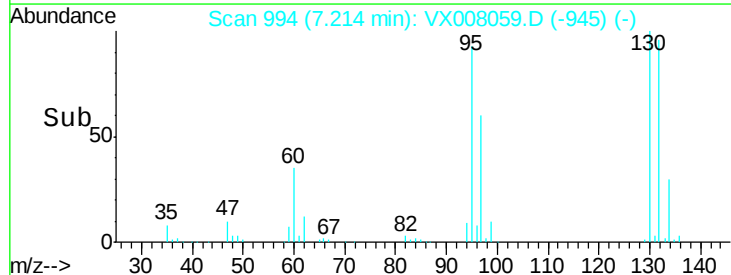
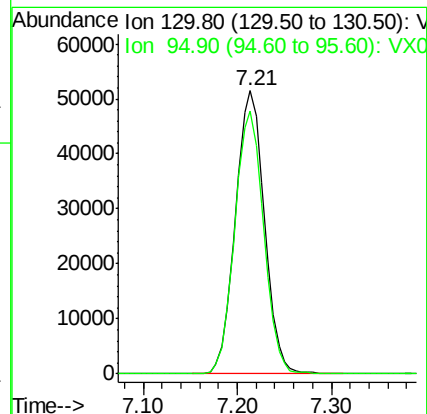
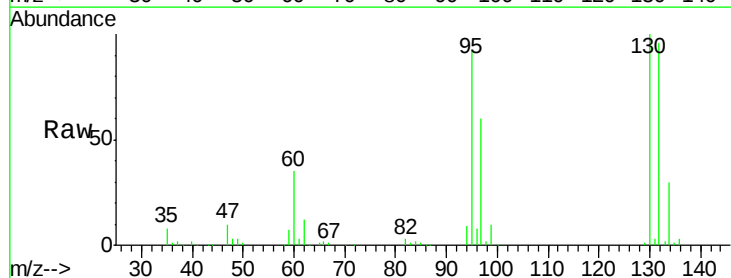
Tot Ion: 43 Resp: 224113
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.3 24.5
 87 14.0 10.5 15.7

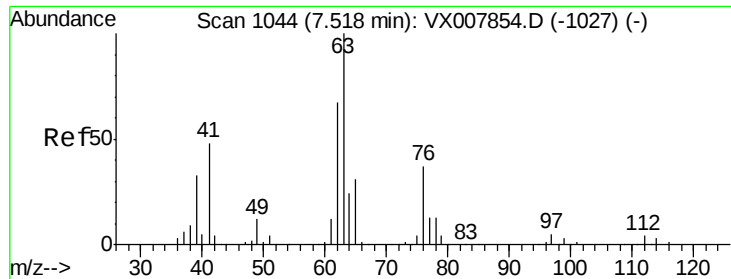


#44

Trichloroethene
 Concen: 49.915 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion: 130 Resp: 110014
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 188.0

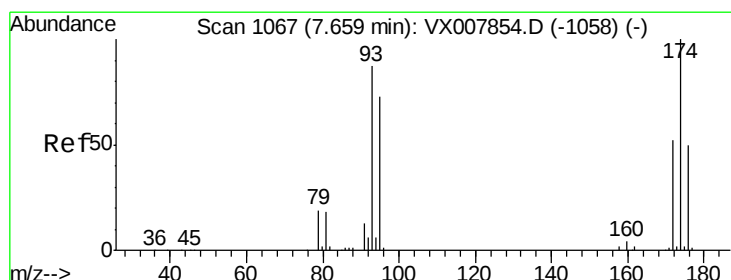
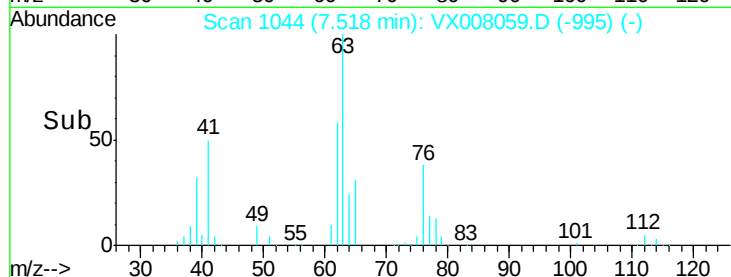
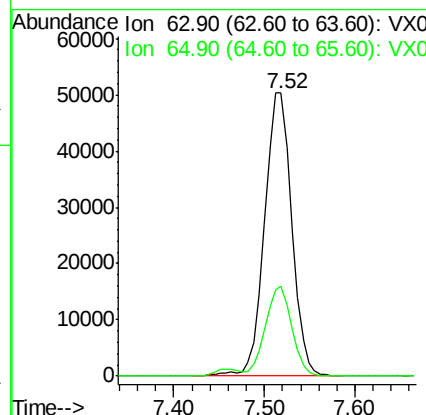
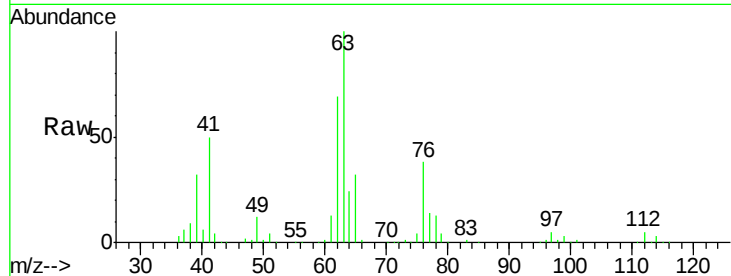




#45
 1,2-Dichloropropane
 Concen: 49.674 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

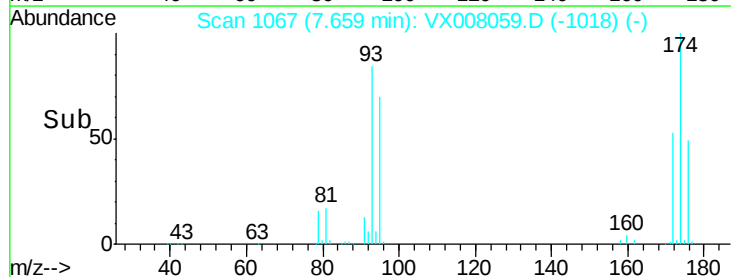
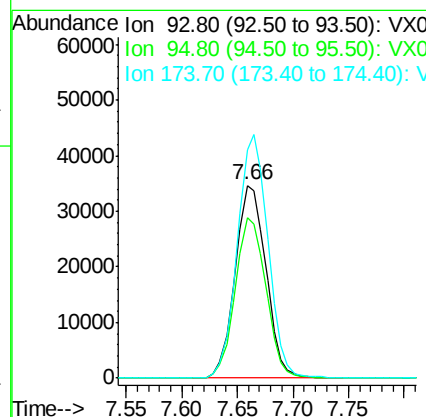
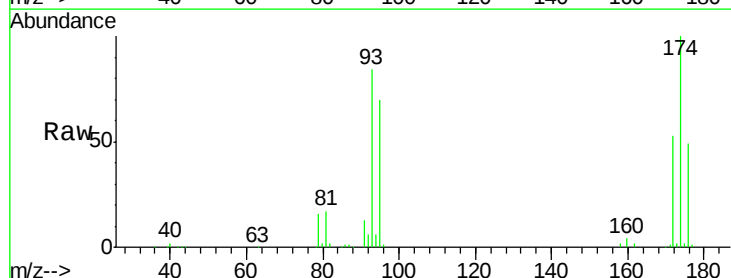
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

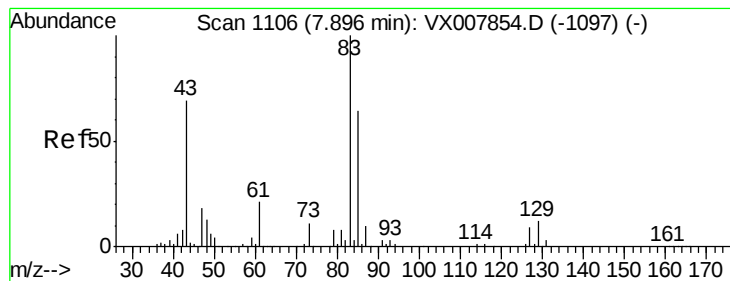
Tot Ion: 63 Resp: 104930
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 49.823 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion: 93 Resp: 66604
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 125.2 97.3 145.9





#47

Bromodichloromethane

Concen: 50.083 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

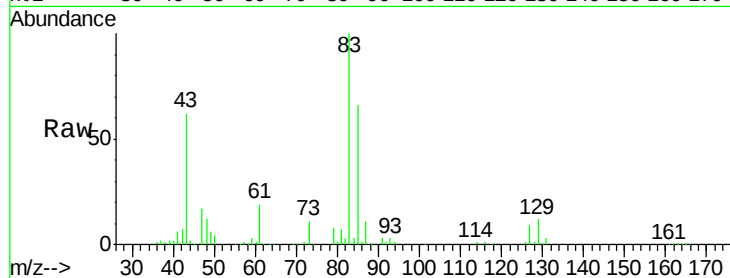
Tot Ion: 83 Resp: 126938

Ion Ratio Lower Upper

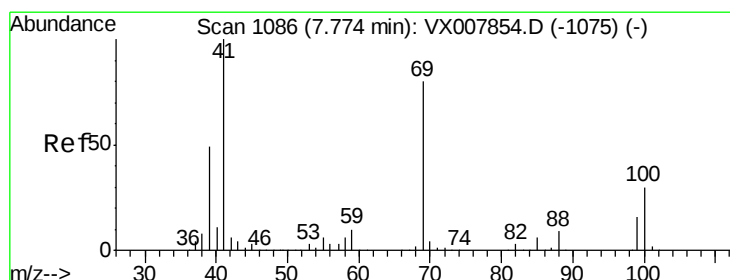
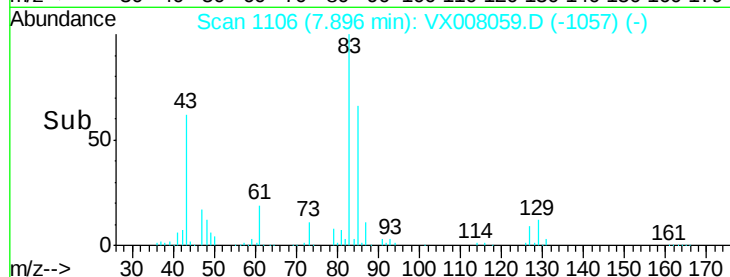
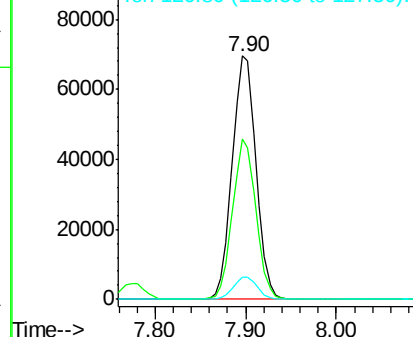
83 100

85 65.8 50.9 76.3

127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.222 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

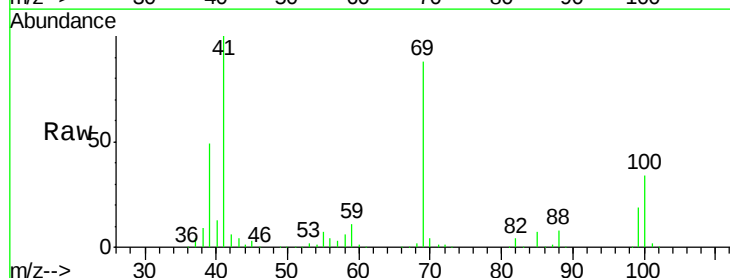
Tgt Ion: 41 Resp: 119619

Ion Ratio Lower Upper

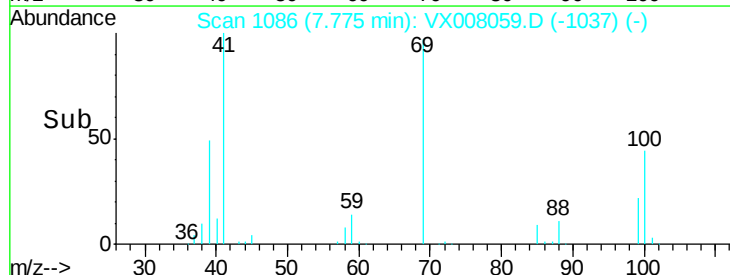
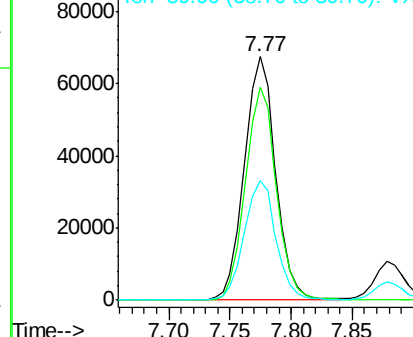
41 100

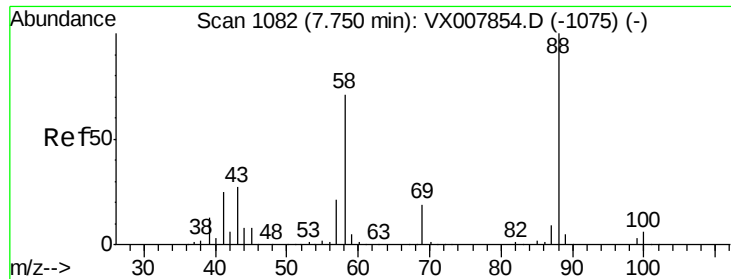
69 86.9 65.2 97.8

39 49.8 39.4 59.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1031.509 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

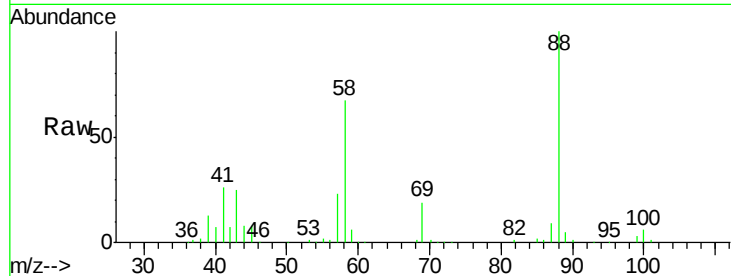
Tot Ion: 88 Resp: 52563

Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.1	37.7
58	68.9	57.8	86.6

88 100

43 30.3 25.1 37.7

58 68.9 57.8 86.6

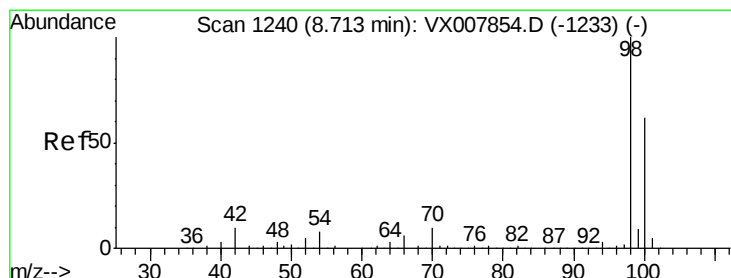
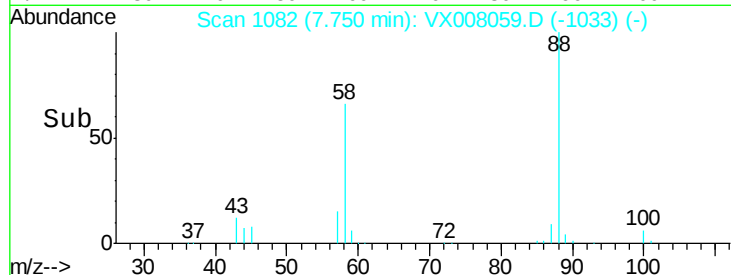
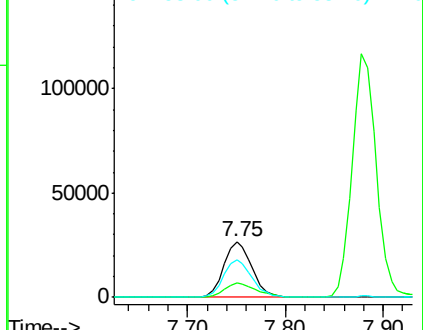


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.499 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008059.D

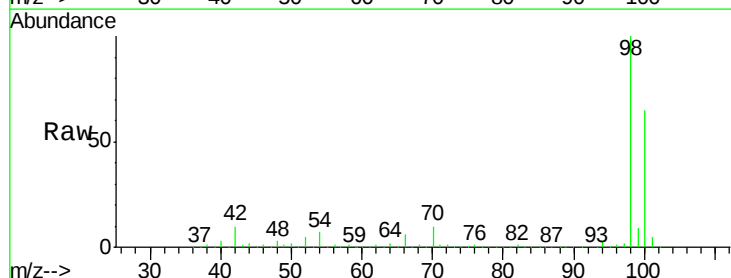
Acq: 13 Mar 2019 19:42

Tgt Ion: 98 Resp: 358945

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5

98 100

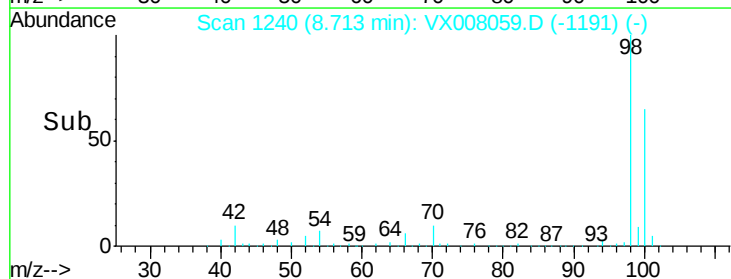
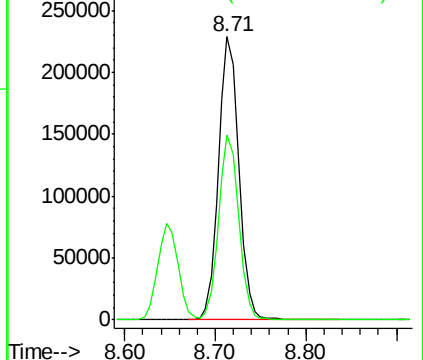
100 64.9 51.7 77.5



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 248.556 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

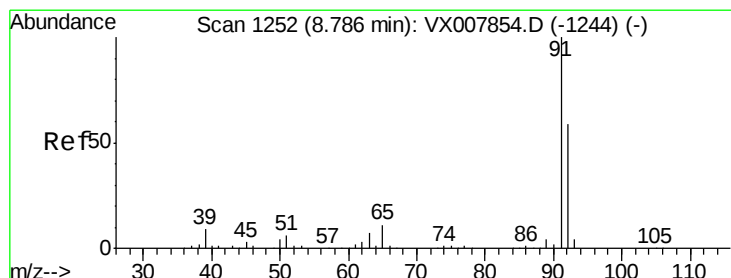
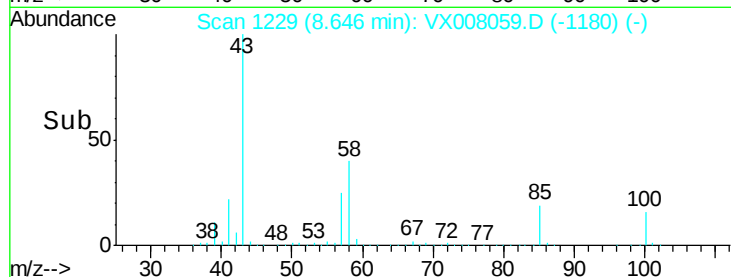
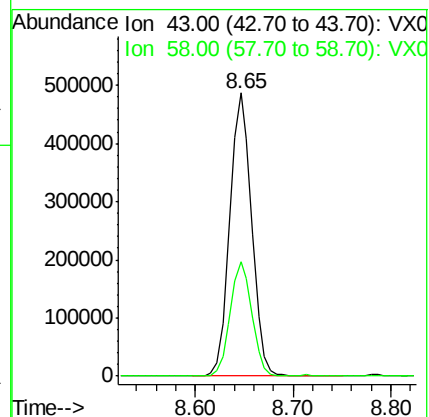
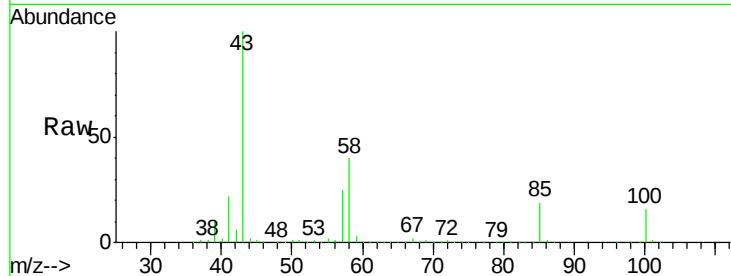
VSTDCCC050EC

Tot Ion: 43 Resp: 754185

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



#52

Toluene

Concen: 51.664 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008059.D

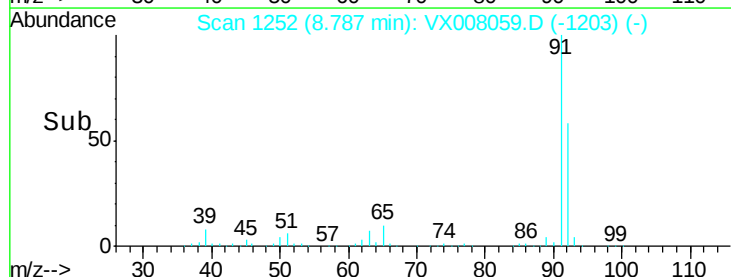
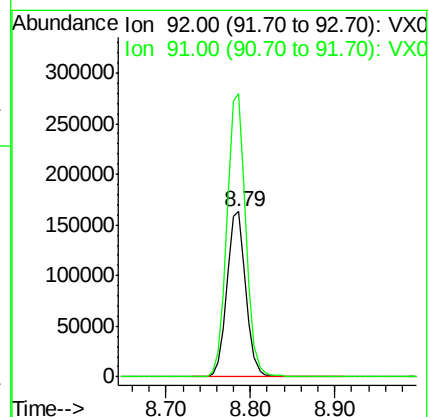
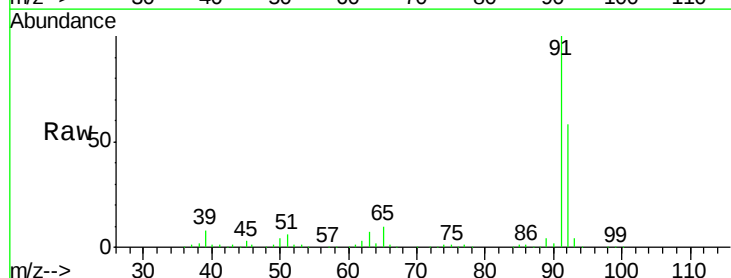
Acq: 13 Mar 2019 19:42

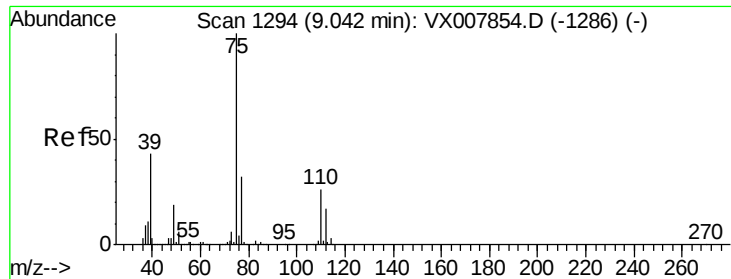
Tgt Ion: 92 Resp: 252268

Ion Ratio Lower Upper

92 100

91 171.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.887 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

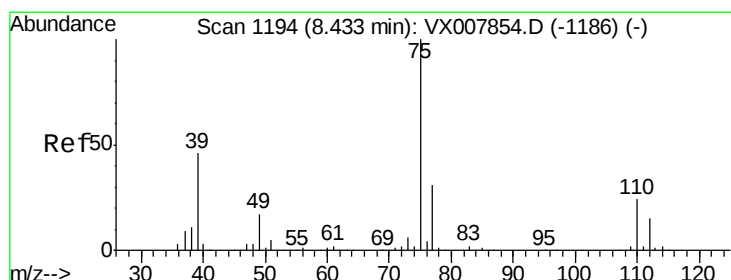
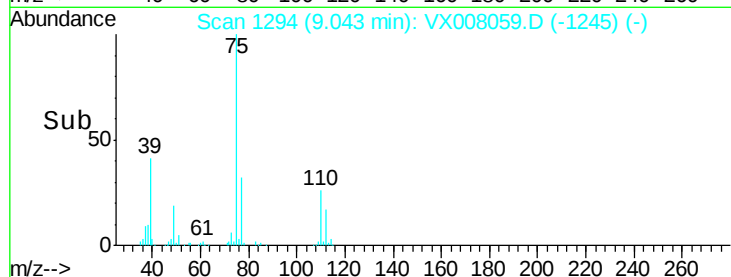
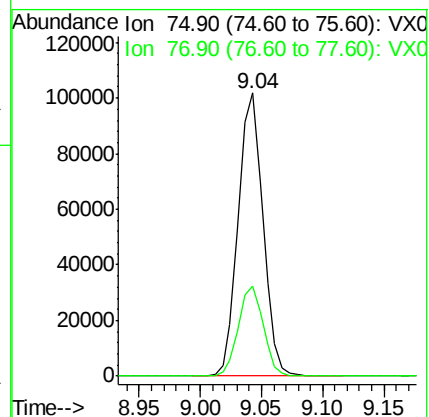
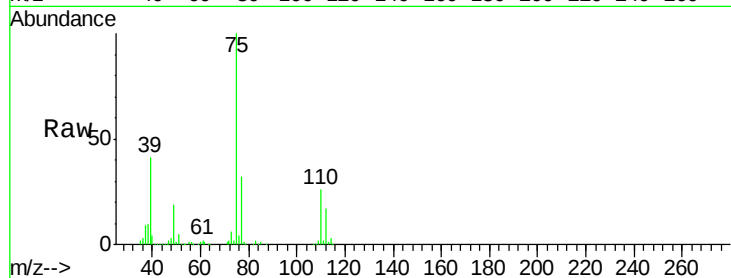
VSTDCCC050EC

Tot Ion: 75 Resp: 142552

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.359 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

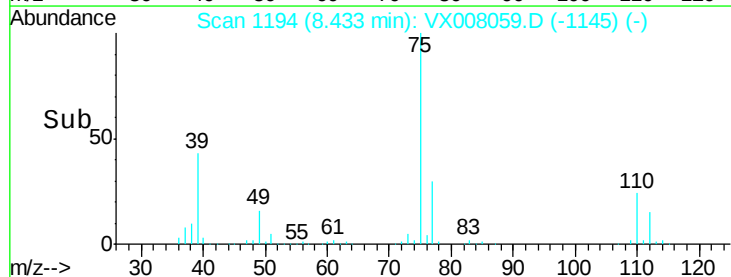
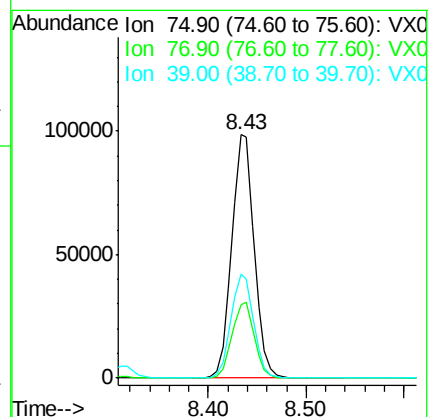
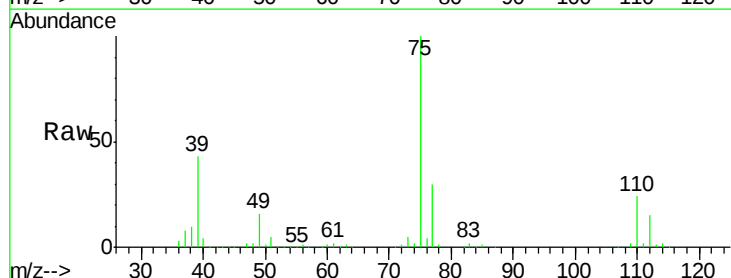
Tgt Ion: 75 Resp: 156413

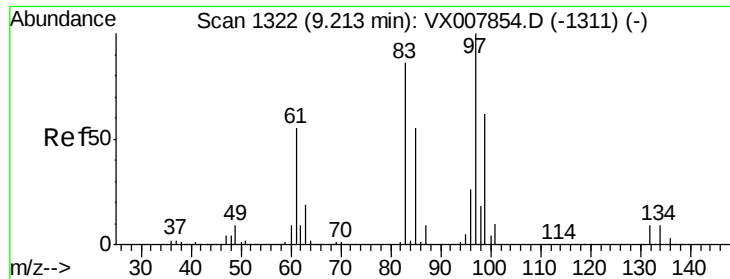
Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6

39 42.7 36.6 54.8

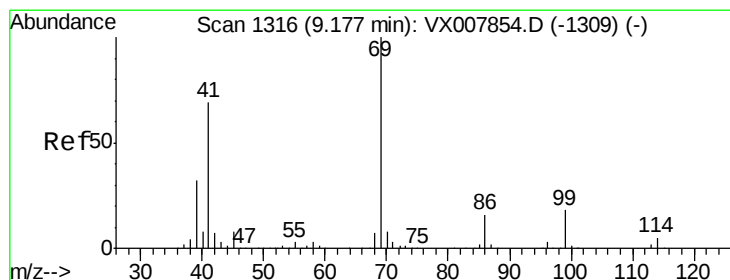
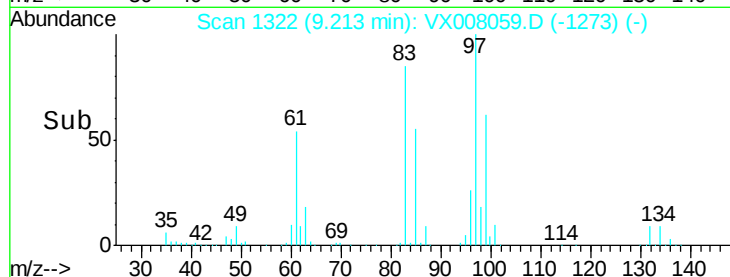
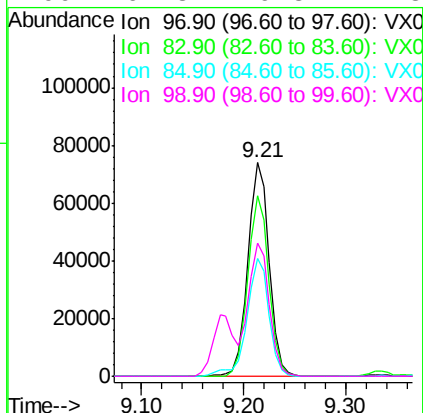
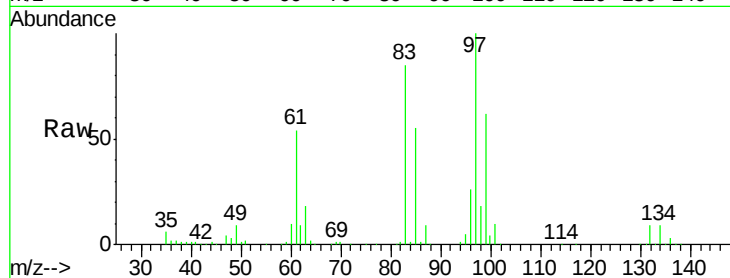




#55
 1,1,2-Trichloroethane
 Concen: 54.483 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

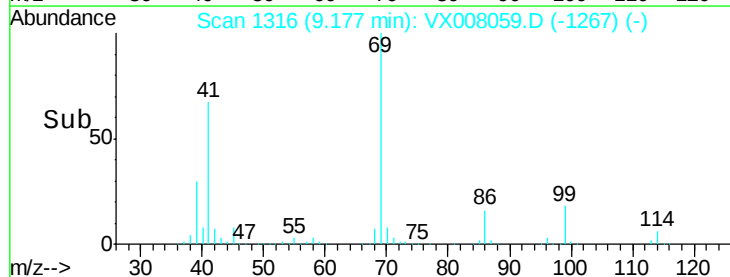
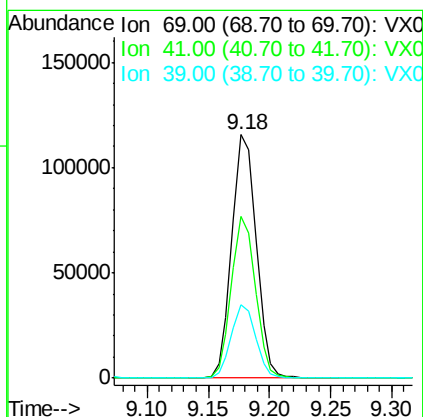
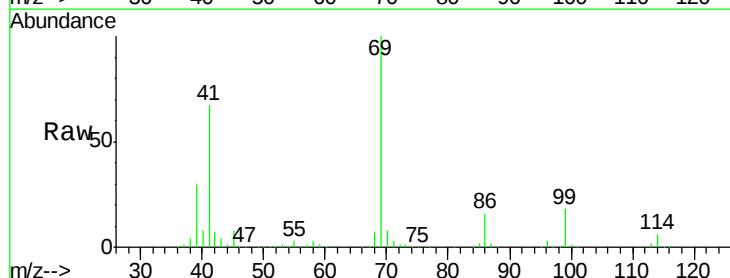
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

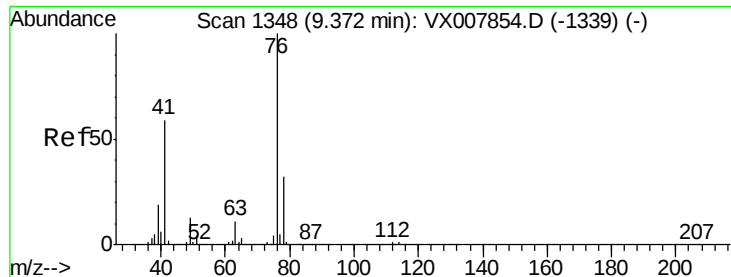
Tot Ion:	97	Resp:	107693
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.1	103.7
85	54.9	44.3	66.5
99	62.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 54.049 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion:	69	Resp:	160408
Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.2	81.4
39	30.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 53.584 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

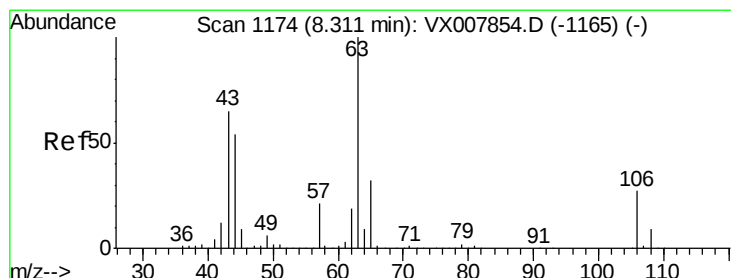
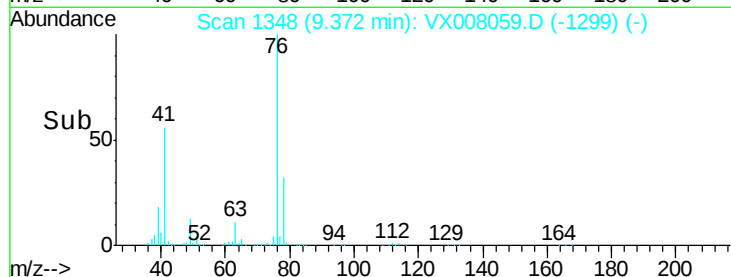
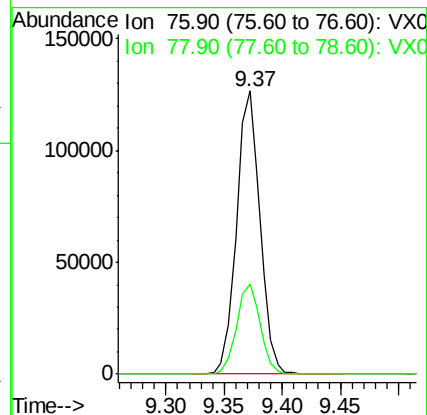
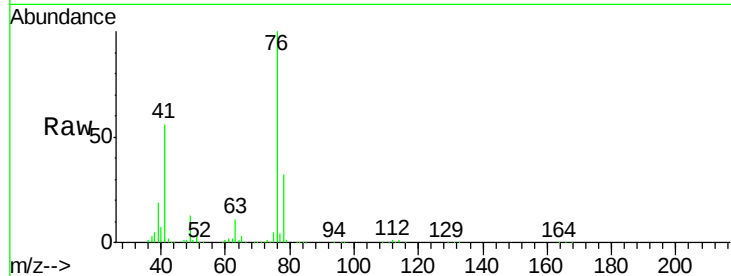
VSTDCCC050EC

Tot Ion: 76 Resp: 177840

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 266.978 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008059.D

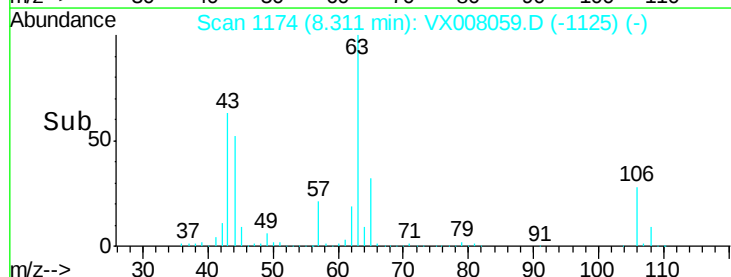
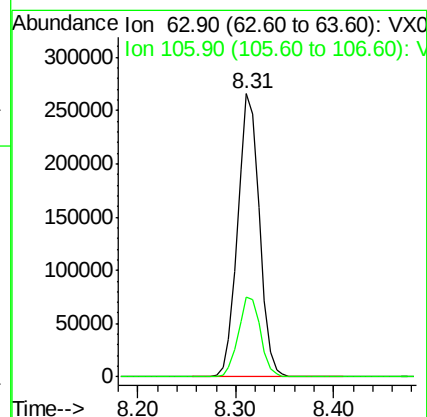
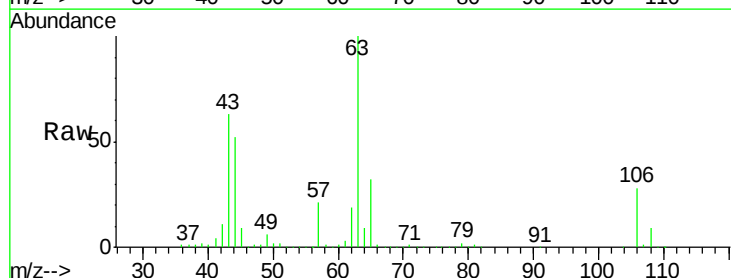
Acq: 13 Mar 2019 19:42

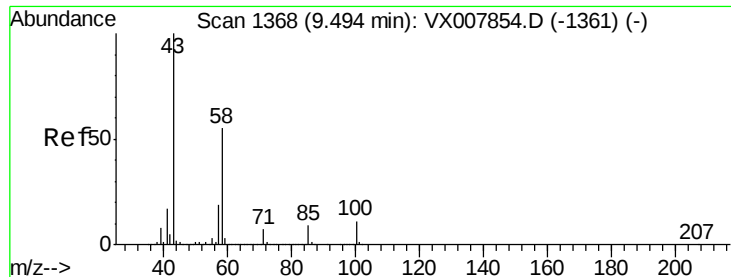
Tgt Ion: 63 Resp: 409859

Ion Ratio Lower Upper

63 100

106 28.9 22.2 33.2

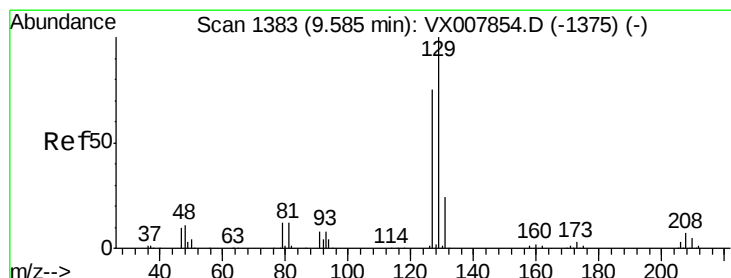
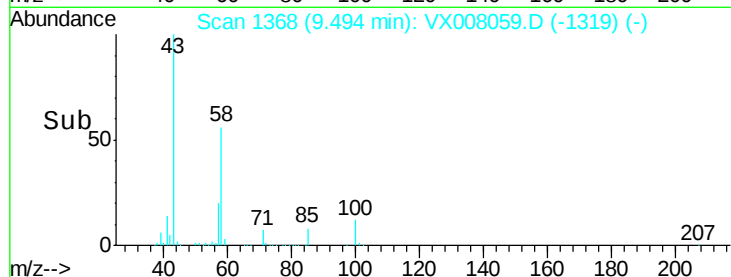
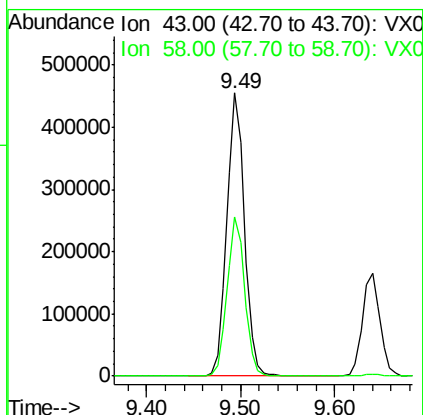
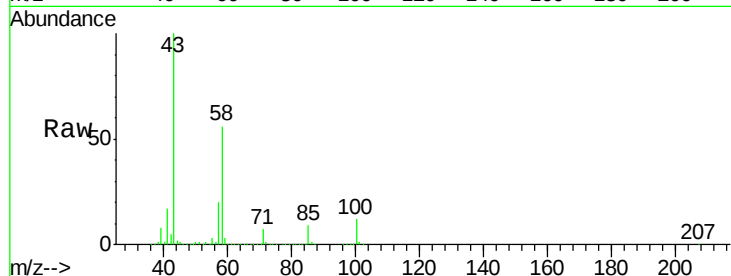




#59
2-Hexanone
Concen: 251.360 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

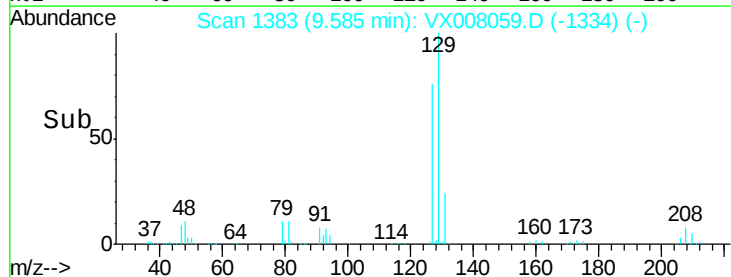
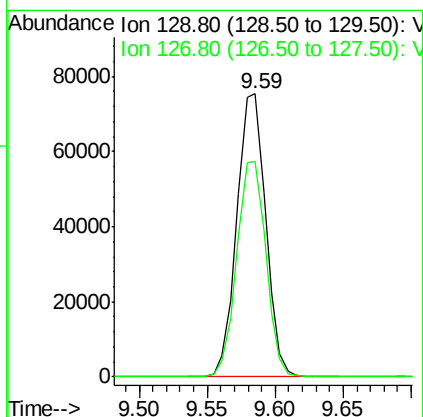
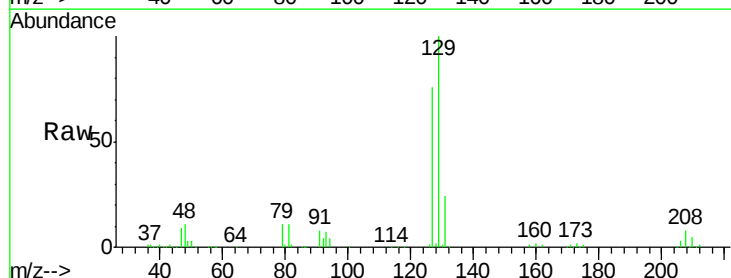
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

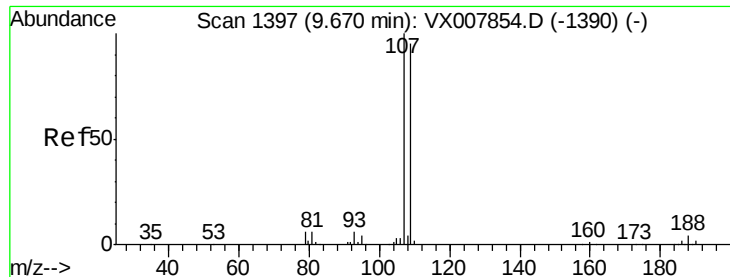
Tot Ion: 43 Resp: 592140
Ion Ratio Lower Upper
43 100
58 56.1 27.6 82.7



#60
Dibromochloromethane
Concen: 53.986 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion: 129 Resp: 111538
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.490 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

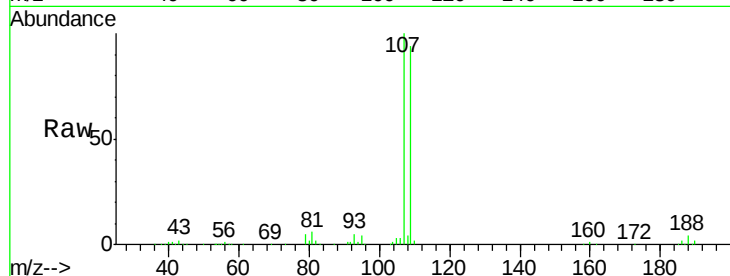
VSTDCCC050EC

Tot Ion:107 Resp: 112256

Ion Ratio Lower Upper

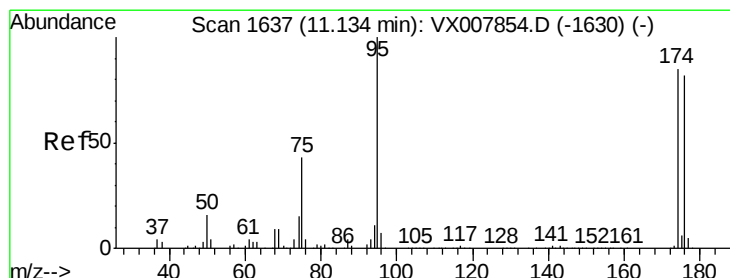
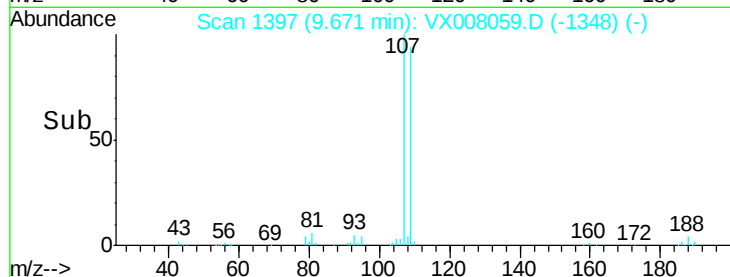
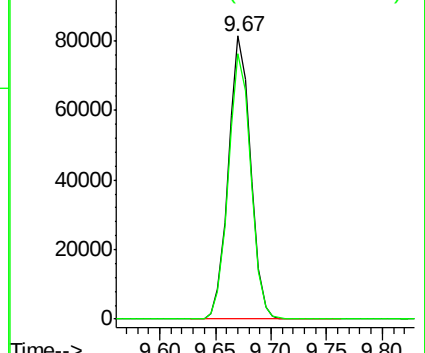
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

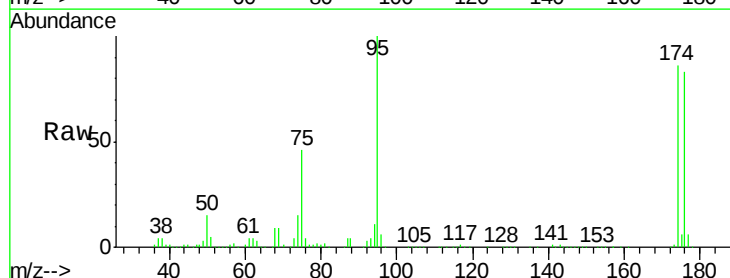
Tgt Ion: 95 Resp: 131888

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.8

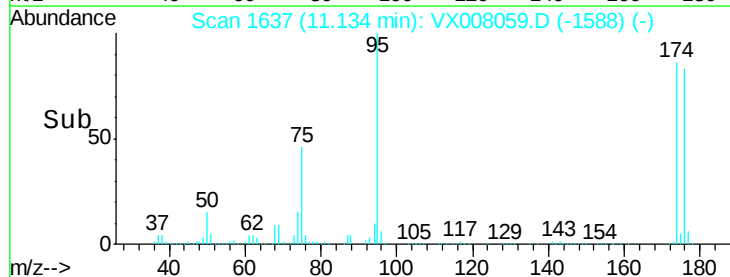
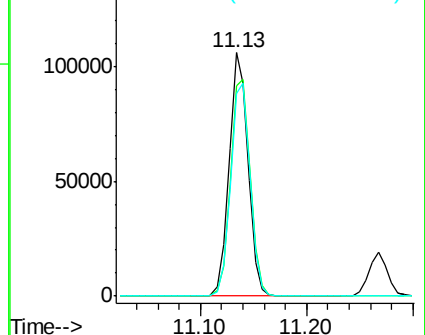
176 90.5 0.0 178.0

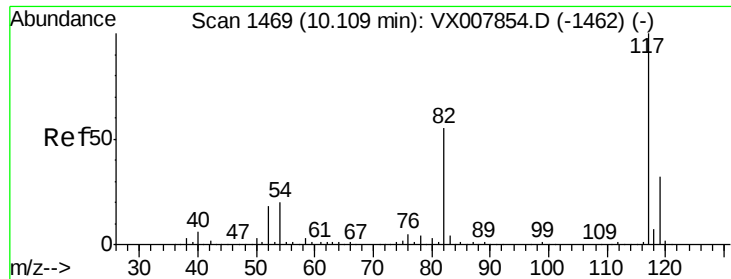


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

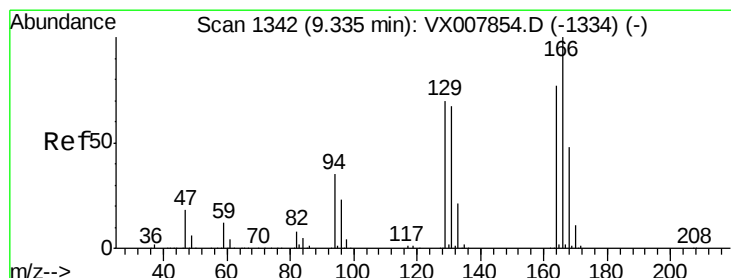
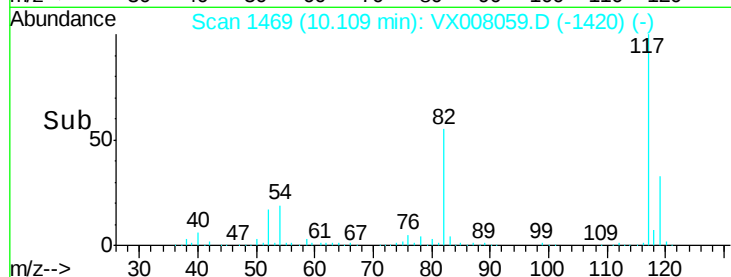
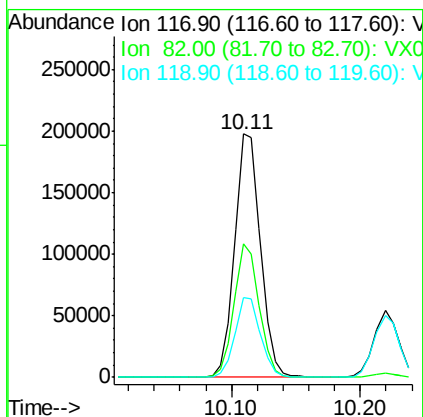
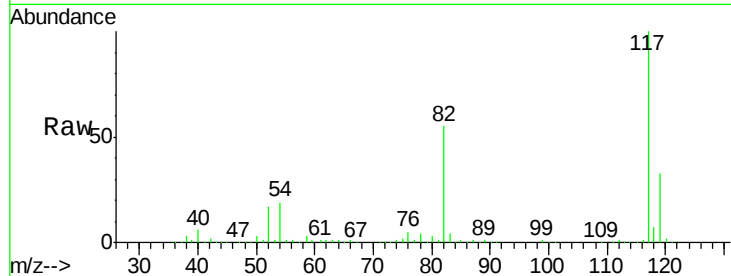




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

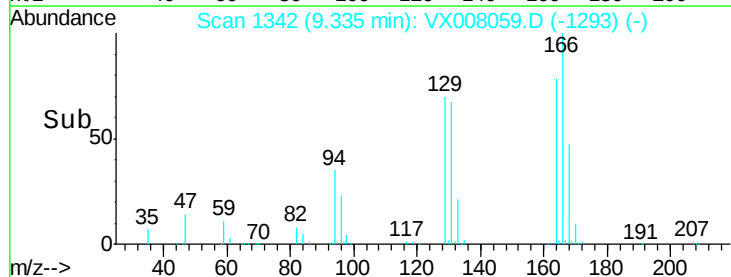
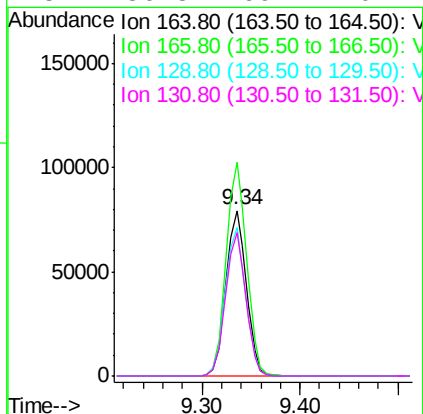
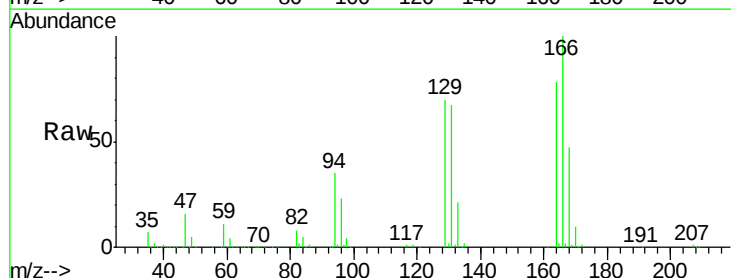
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

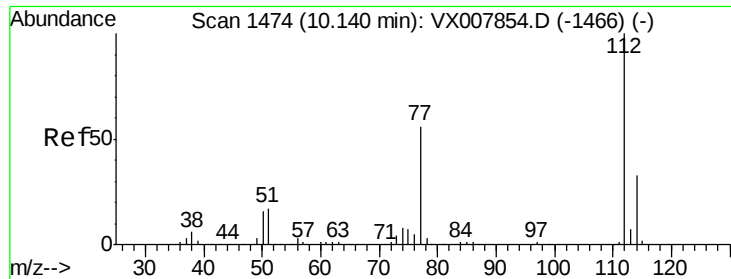
Tot Ion:117 Resp: 275808
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.9 25.3 37.9



#64
Tetrachloroethene
Concen: 50.361 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion:164 Resp: 115105
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.0
129 89.6 72.2 108.4
131 86.8 69.4 104.2





#65

Chlorobenzene

Concen: 49.385 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

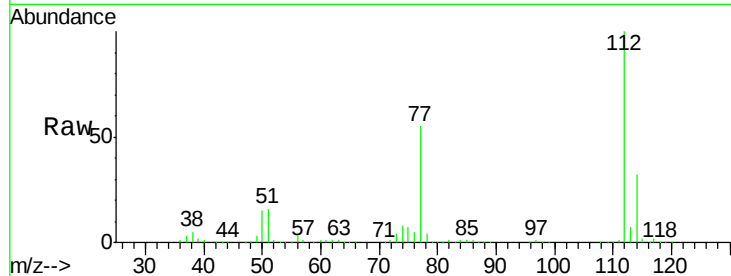
VSTDCCC050EC

Tot Ion:112 Resp: 285024

Ion Ratio Lower Upper

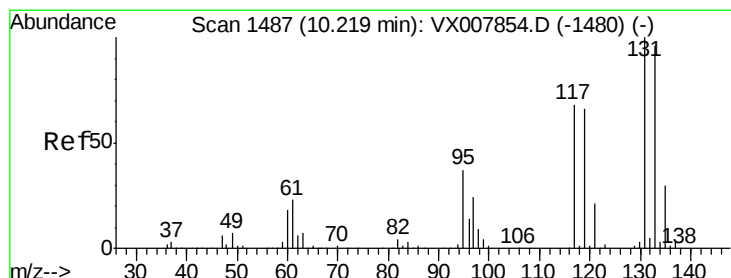
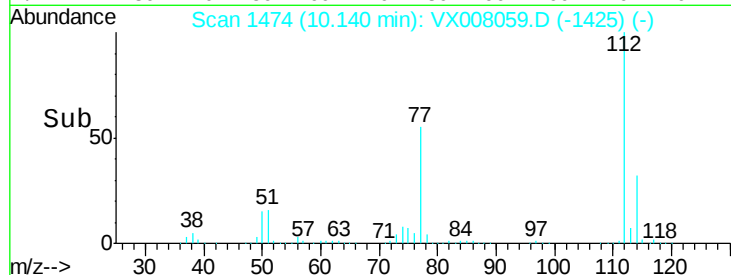
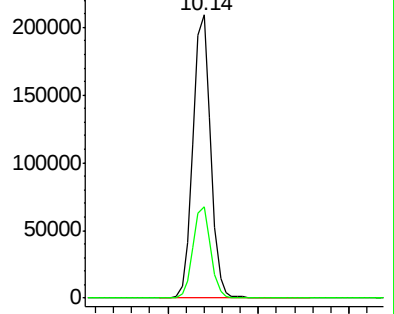
112 100

114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.473 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

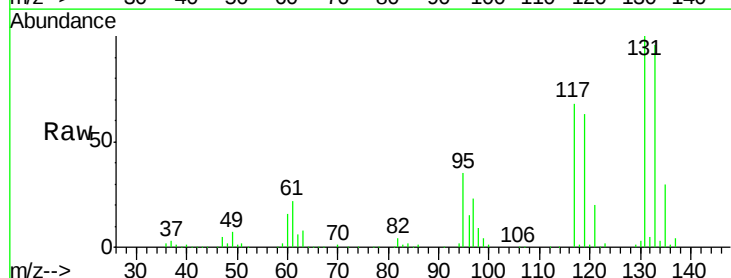
Tgt Ion:131 Resp: 106472

Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

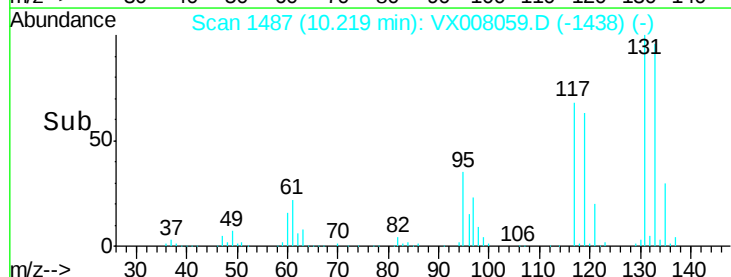
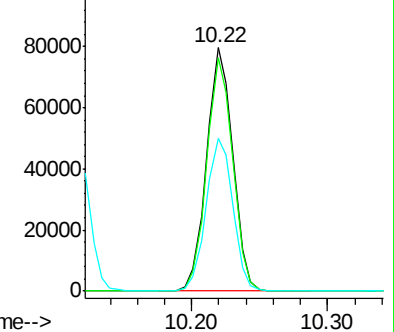
119 64.1 32.5 97.5

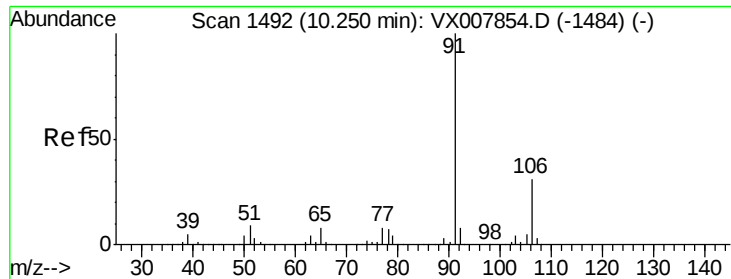


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.630 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

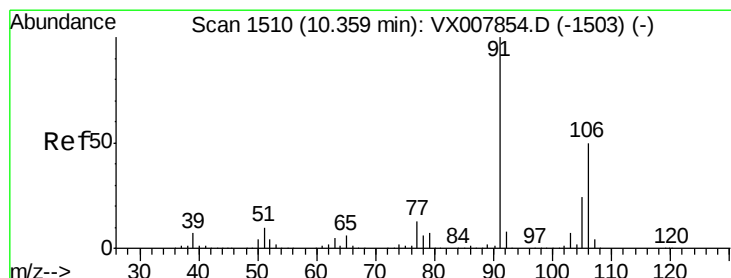
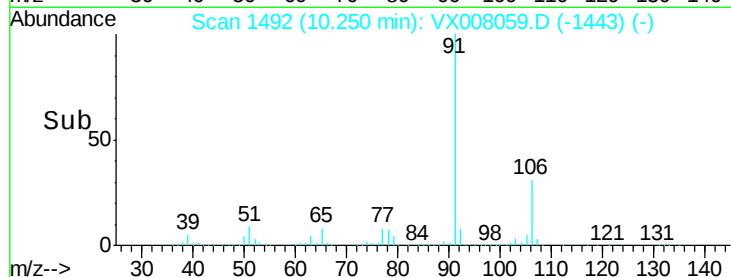
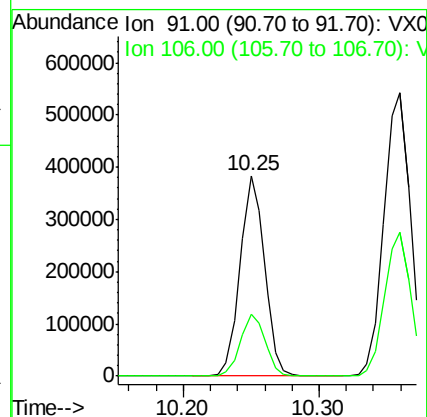
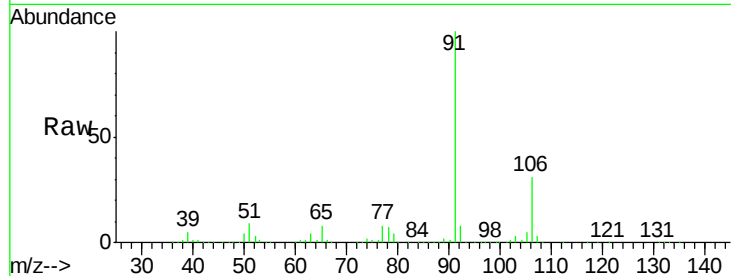
VSTDCCC050EC

Tot Ion: 91 Resp: 481009

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 100.863 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008059.D

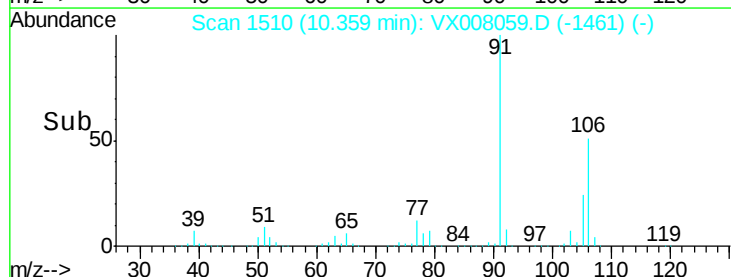
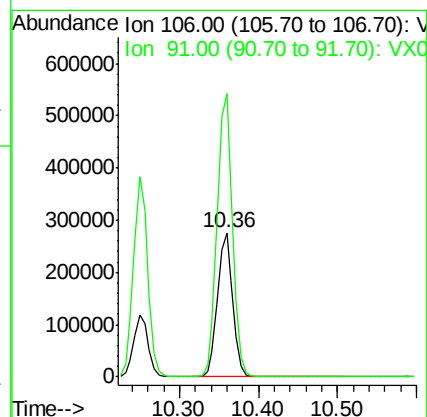
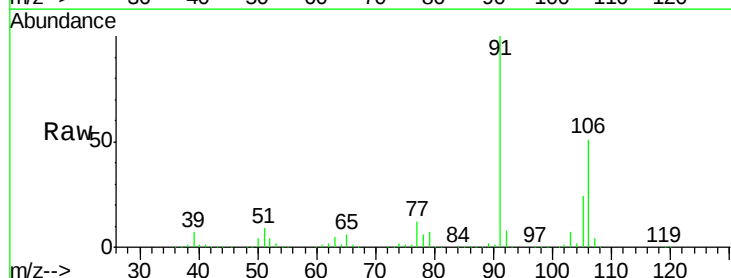
Acq: 13 Mar 2019 19:42

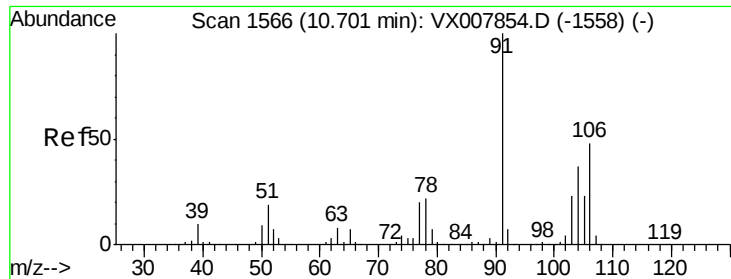
Tgt Ion: 106 Resp: 369357

Ion Ratio Lower Upper

106 100

91 199.6 159.8 239.6

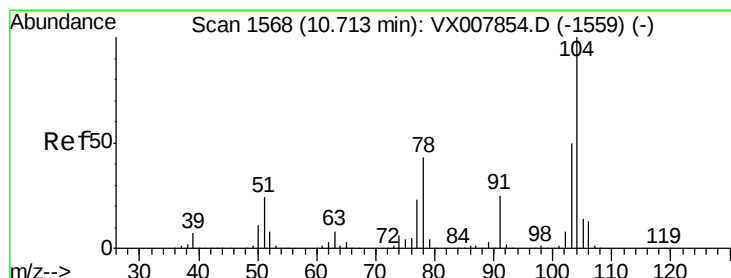
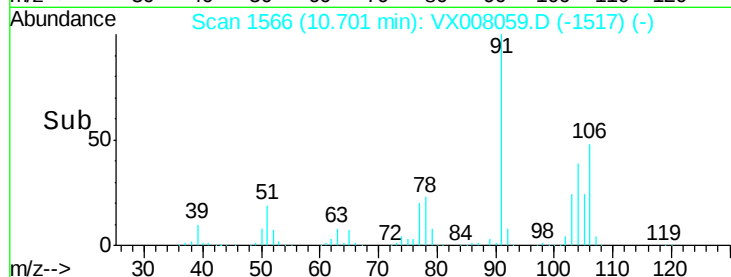
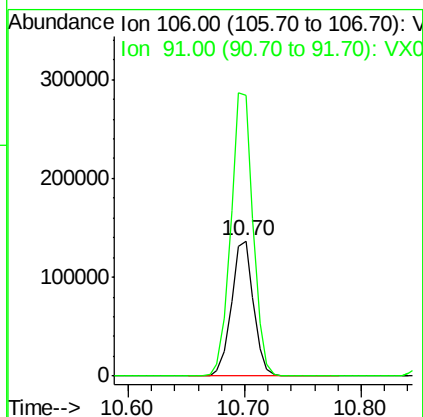
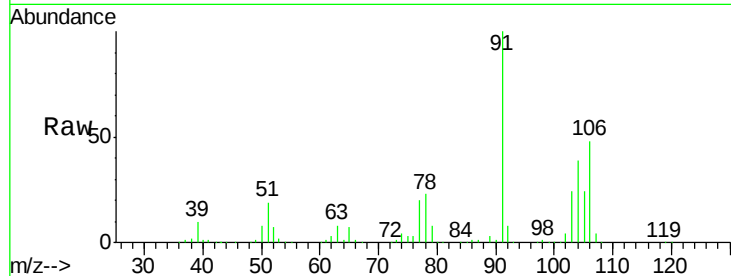




#69
o-Xylene
Concen: 50.930 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

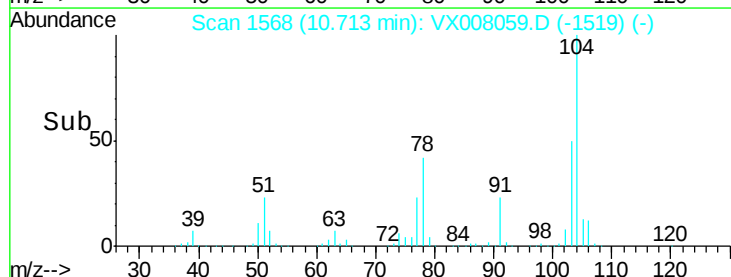
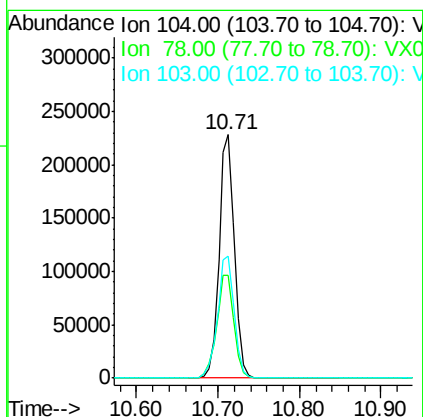
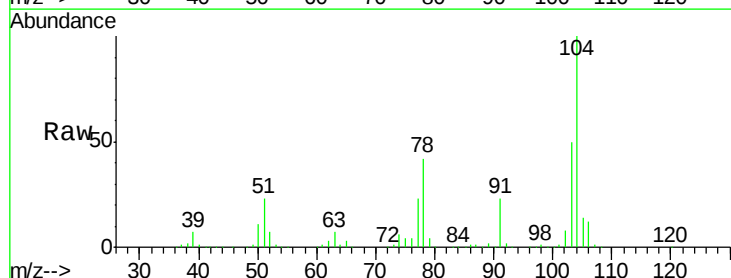
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

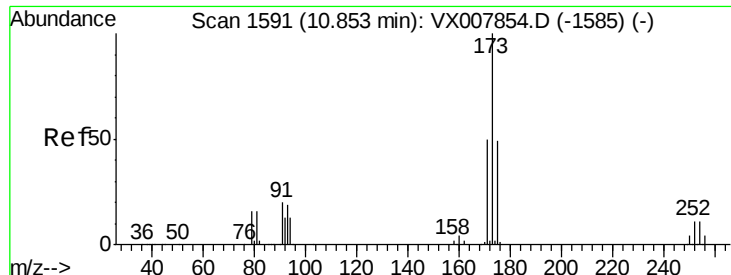
Tot Ion:106 Resp: 180059
Ion Ratio Lower Upper
106 100
91 211.6 106.3 318.9



#70
Styrene
Concen: 51.676 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion:104 Resp: 298962
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 55.2 44.1 66.1





#71

Bromoform

Concen: 49.609 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

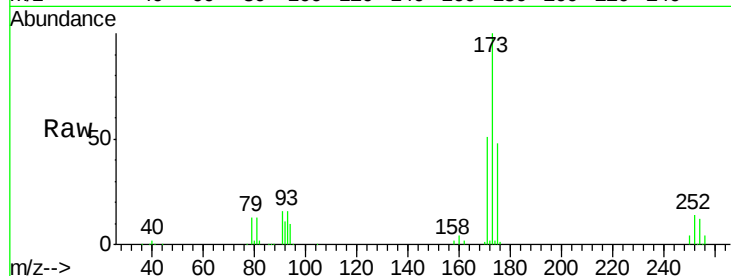
Tot Ion:173 Resp: 88124

Ion Ratio Lower Upper

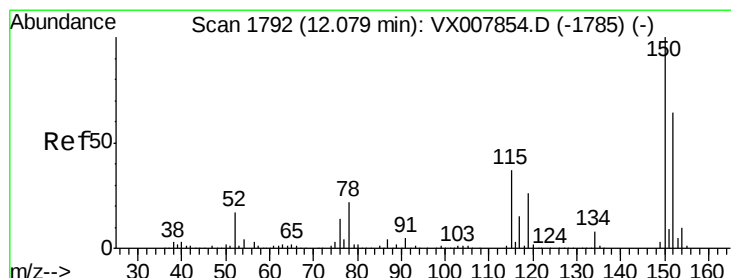
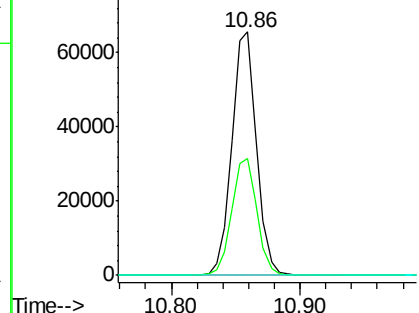
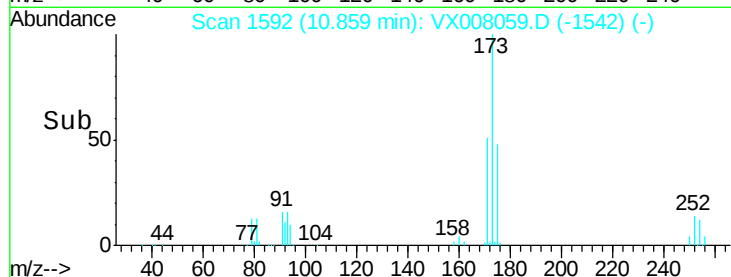
173 100

175 49.1 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

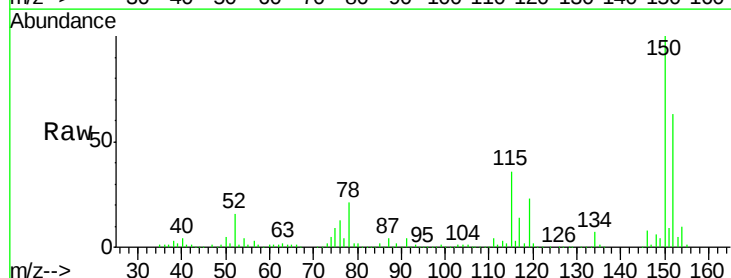
Tgt Ion:152 Resp: 139872

Ion Ratio Lower Upper

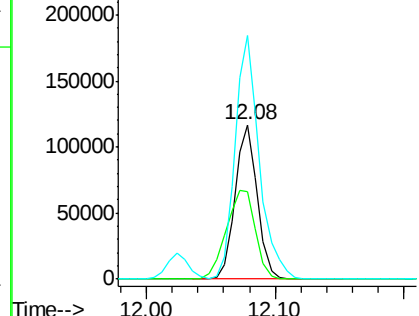
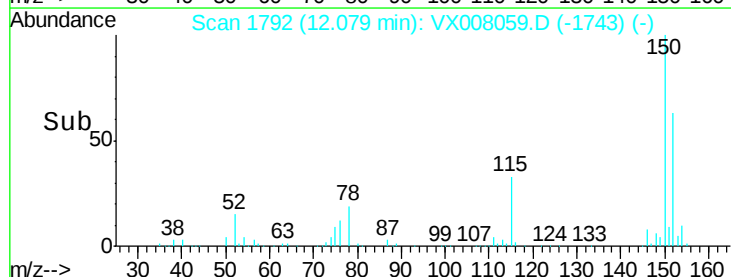
152 100

115 76.9 38.6 115.7

150 173.1 0.0 348.4



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





#73

Isopropylbenzene

Concen: 51.473 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

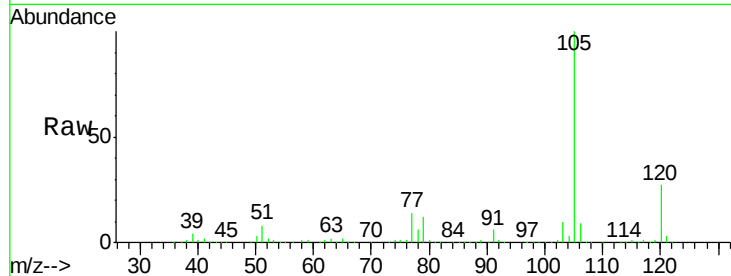
VSTDCCC050EC

Tot Ion:105 Resp: 486925

Ion Ratio Lower Upper

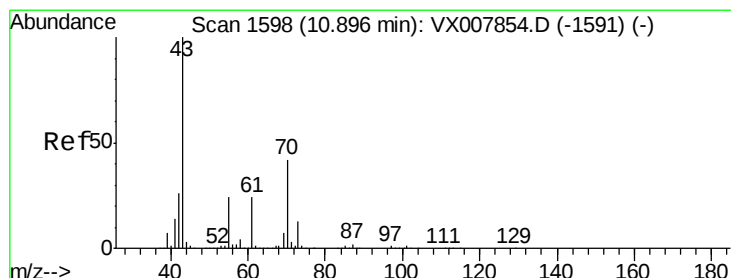
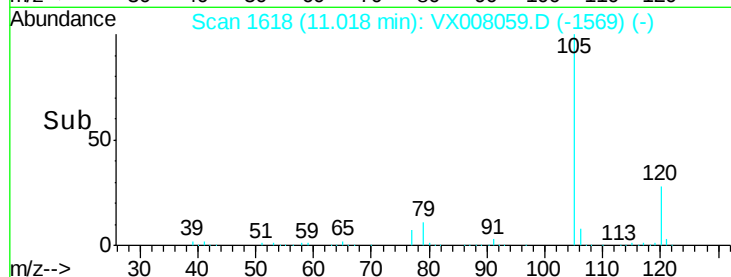
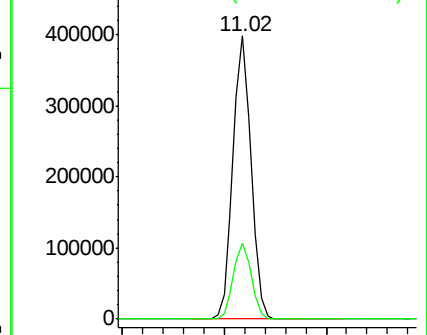
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.158 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Tgt Ion: 43 Resp: 207975

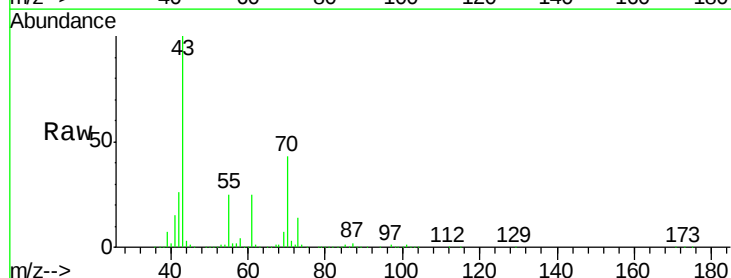
Ion Ratio Lower Upper

43 100

70 43.2 33.5 50.3

55 25.1 19.2 28.8

61 25.1 19.0 28.6

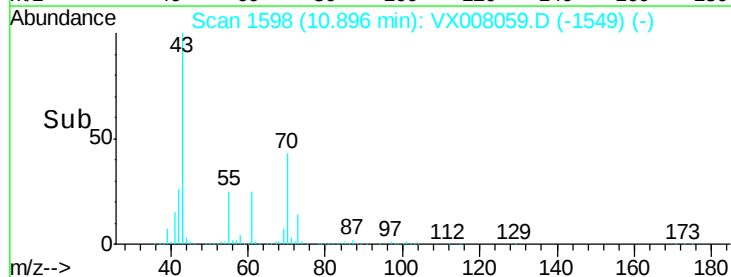
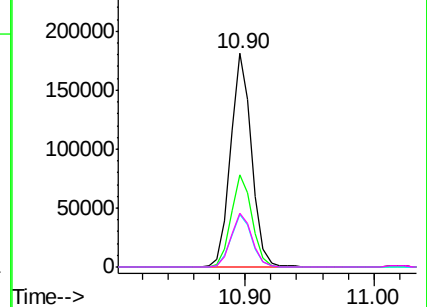


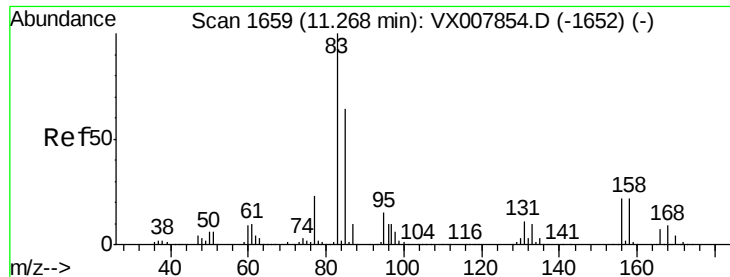
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.085 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

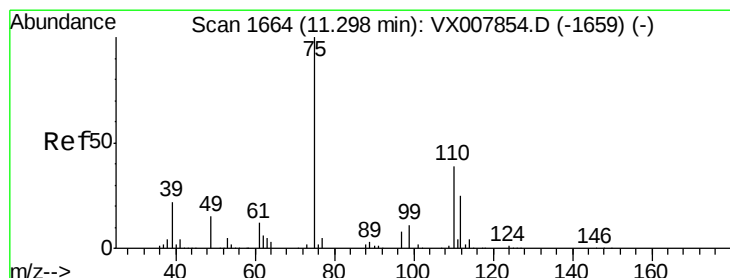
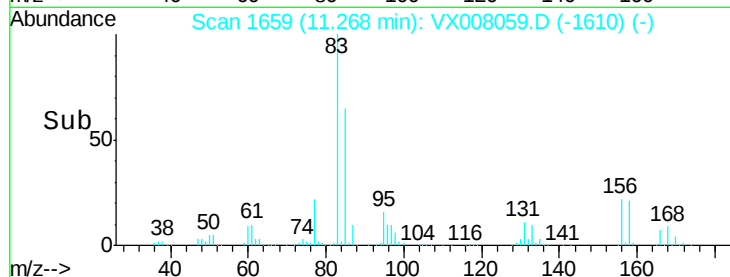
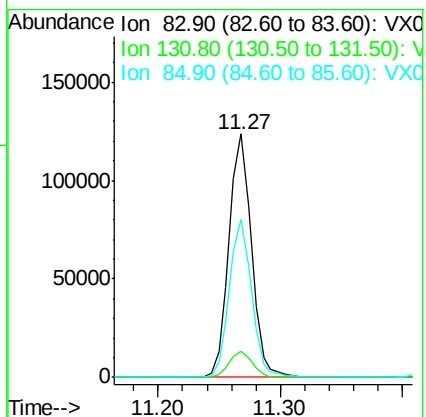
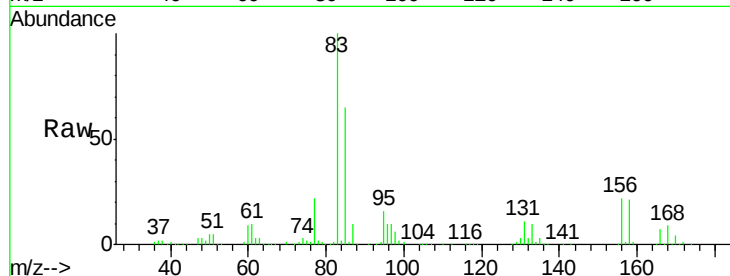
Tot Ion: 83 Resp: 156903

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 62.230 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008059.D

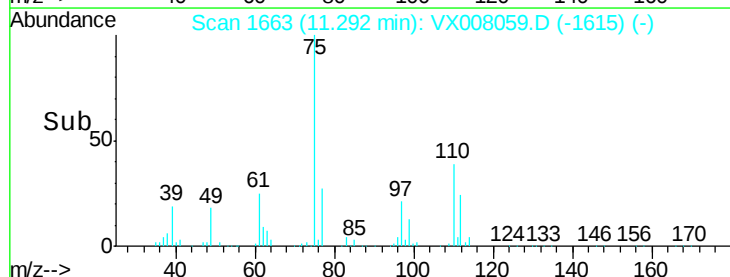
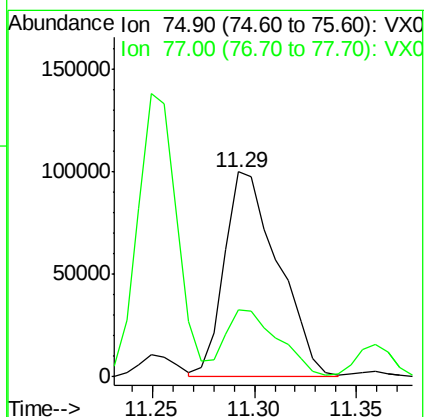
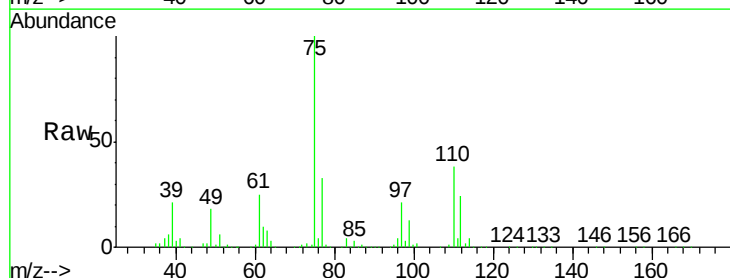
Acq: 13 Mar 2019 19:42

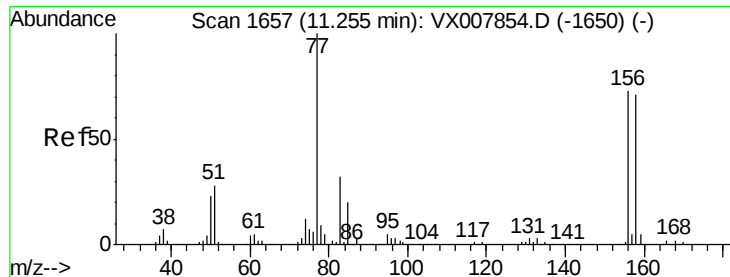
Tgt Ion: 75 Resp: 182650

Ion Ratio Lower Upper

75 100

77 32.9 18.9 56.7





#77

Bromobenzene

Concen: 50.191 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

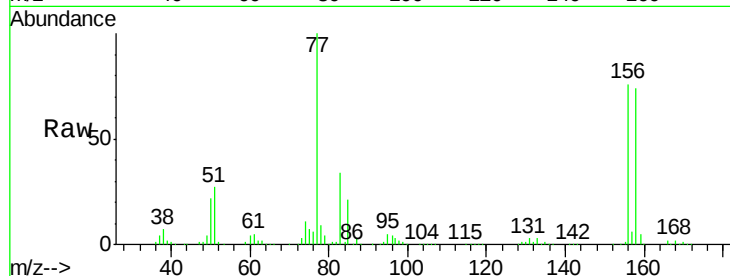
Tot Ion:156 Resp: 130173

Ion Ratio Lower Upper

156 100

77 140.0 72.0 215.9

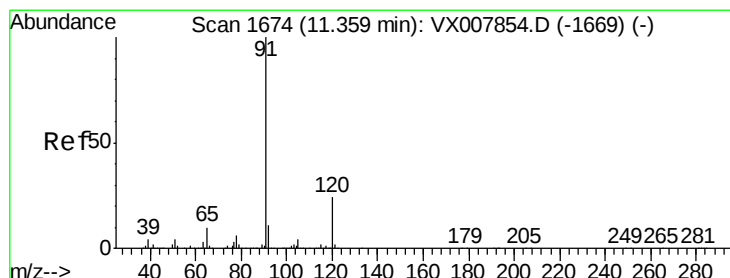
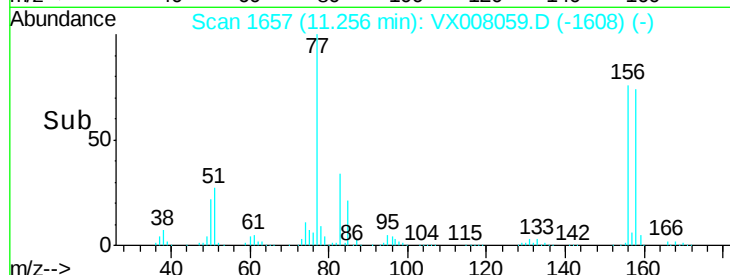
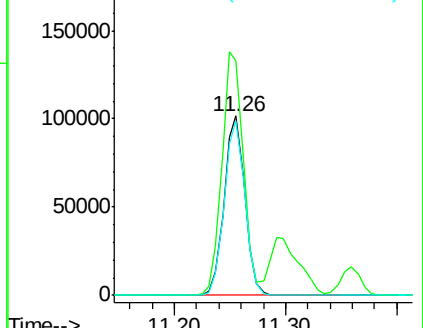
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.193 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008059.D

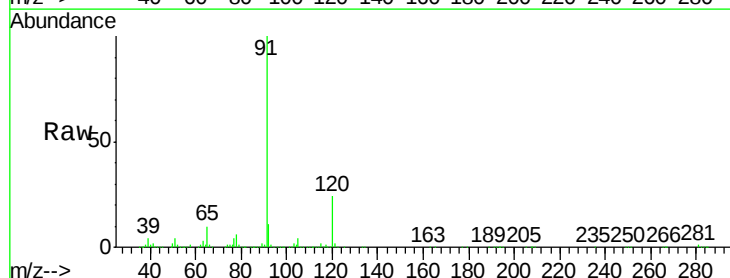
Acq: 13 Mar 2019 19:42

Tgt Ion: 91 Resp: 537241

Ion Ratio Lower Upper

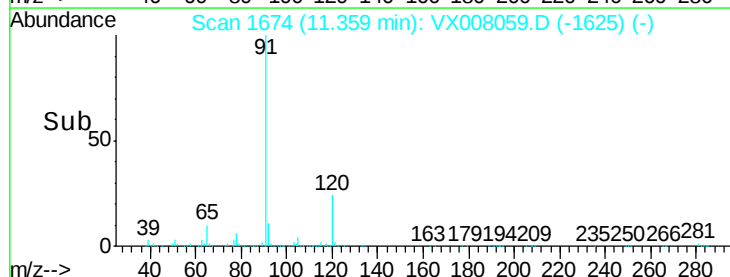
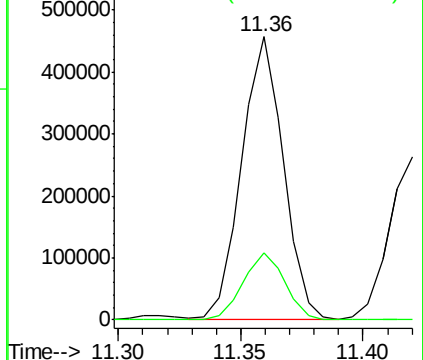
91 100

120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.061 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

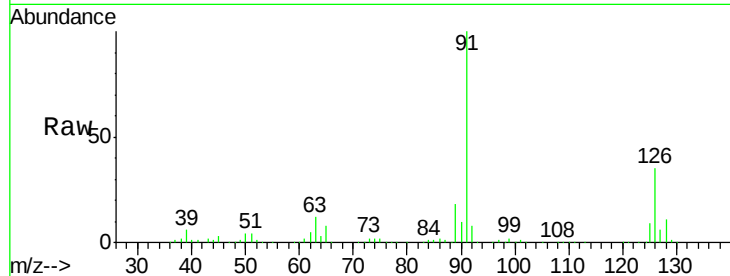
VSTDCCC050EC

Tot Ion: 91 Resp: 321223

Ion Ratio Lower Upper

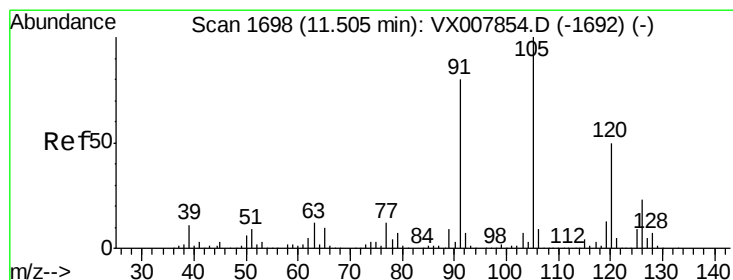
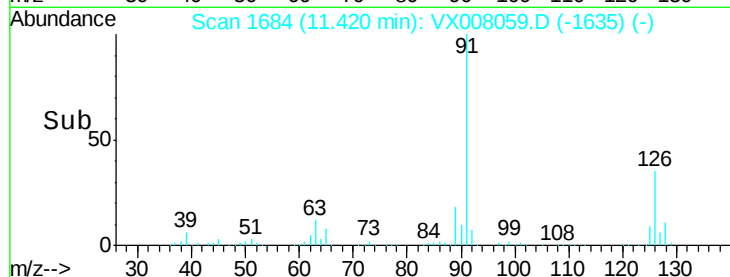
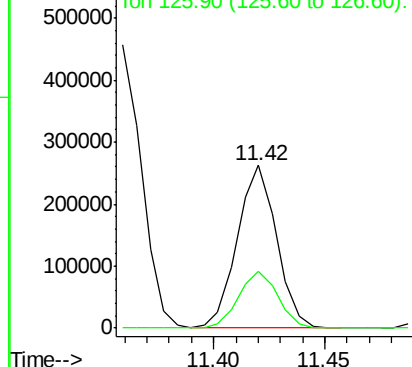
91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.319 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008059.D

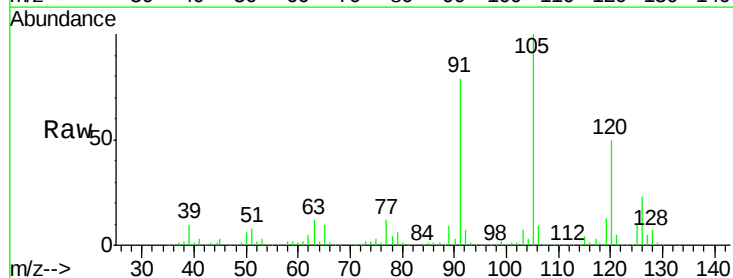
Acq: 13 Mar 2019 19:42

Tgt Ion: 105 Resp: 399564

Ion Ratio Lower Upper

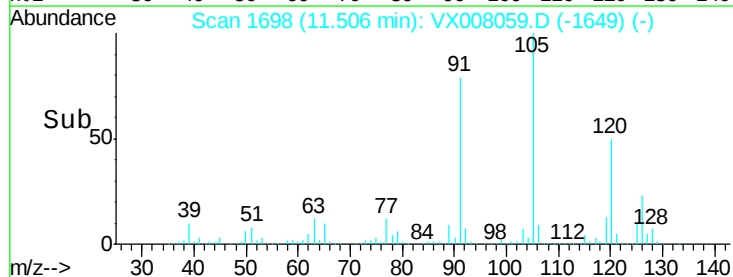
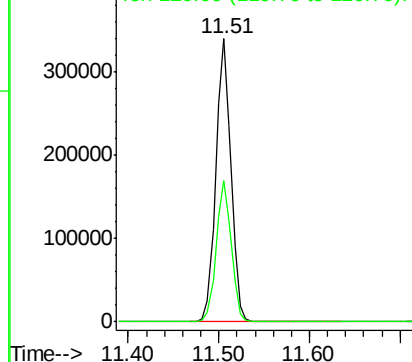
105 100

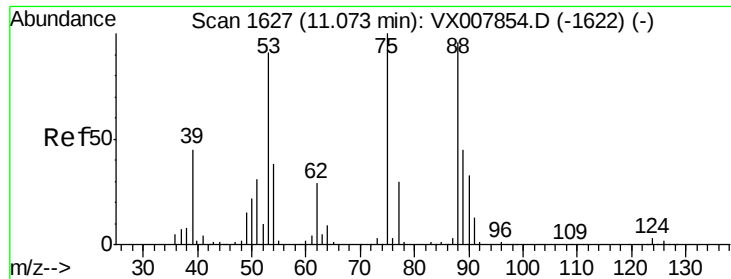
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.783 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

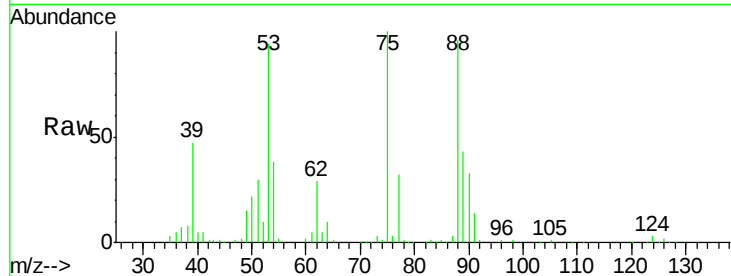
Tot Ion: 75 Resp: 44794

Ion Ratio Lower Upper

75 100

53 95.7 76.1 114.1

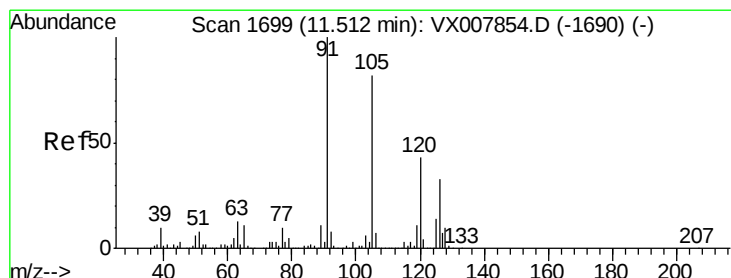
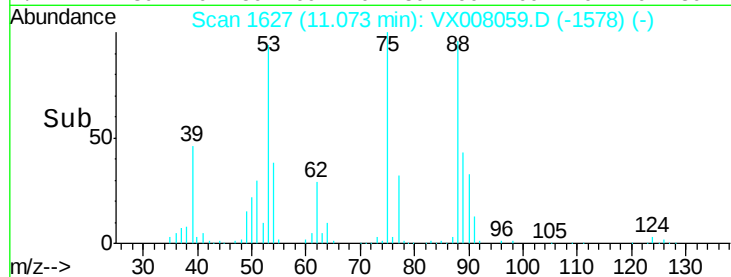
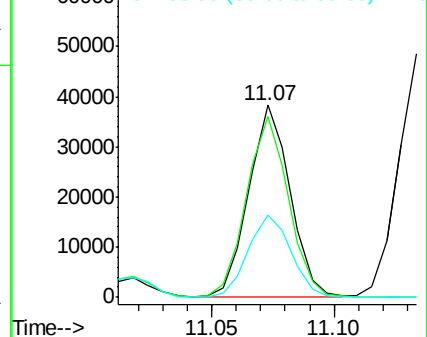
89 44.7 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.797 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008059.D

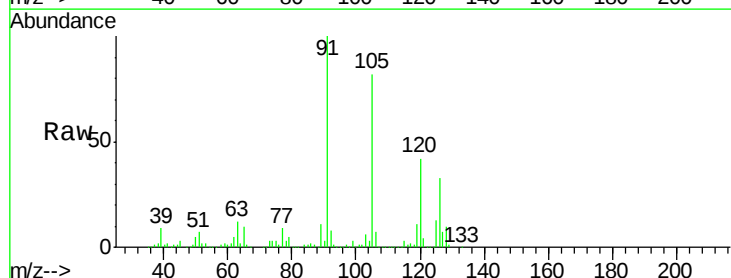
Acq: 13 Mar 2019 19:42

Tgt Ion: 91 Resp: 366179

Ion Ratio Lower Upper

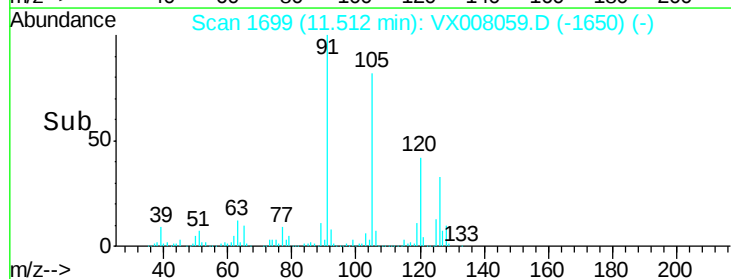
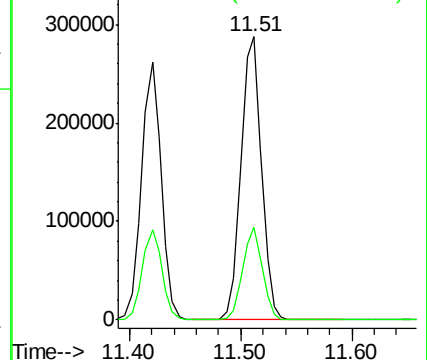
91 100

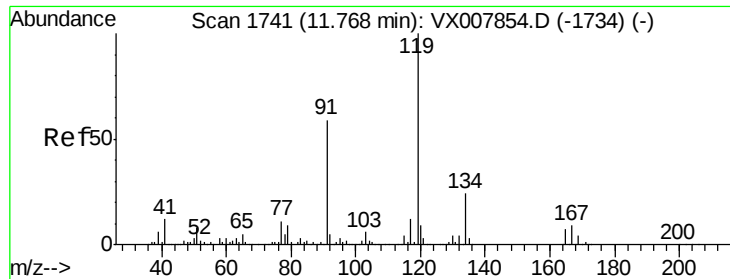
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

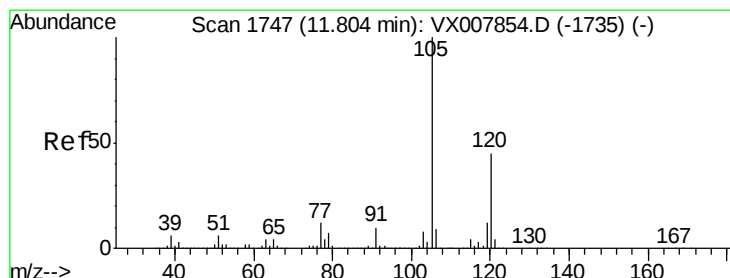
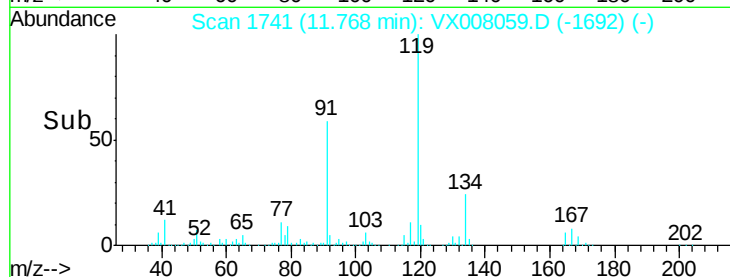
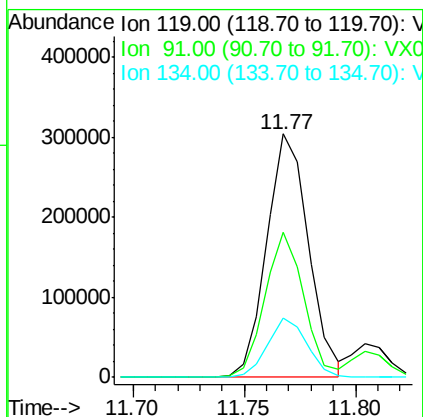
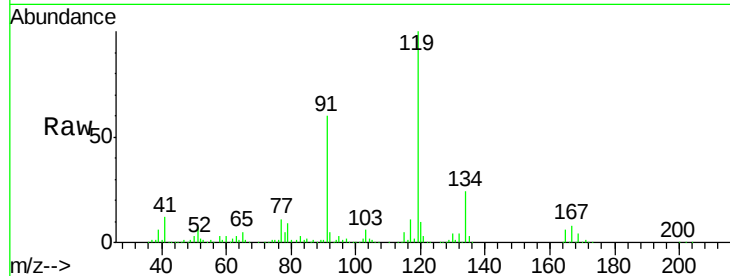




#83
 tert-Butylbenzene
 Concen: 50.510 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

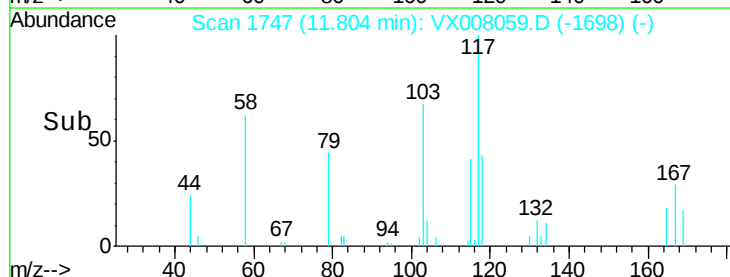
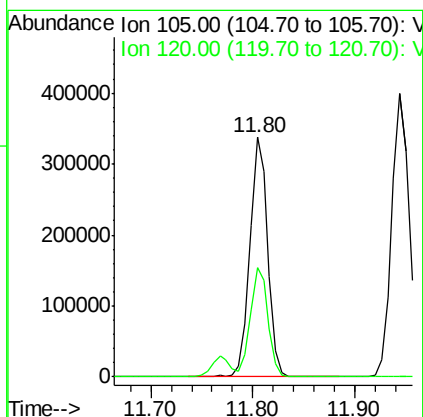
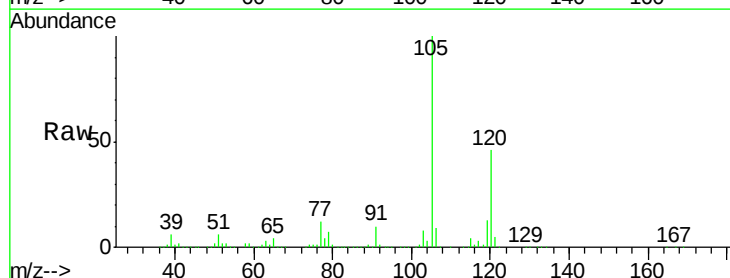
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

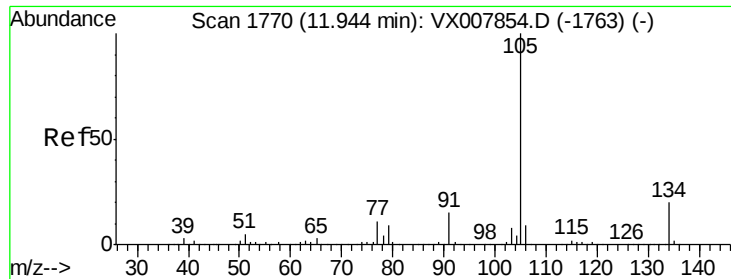
Tot Ion:119 Resp: 396132
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.593 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion:105 Resp: 411789
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.891 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

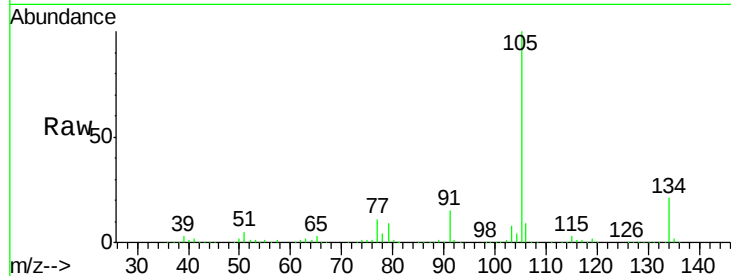
VSTDCCC050EC

Tot Ion:105 Resp: 479306

Ion Ratio Lower Upper

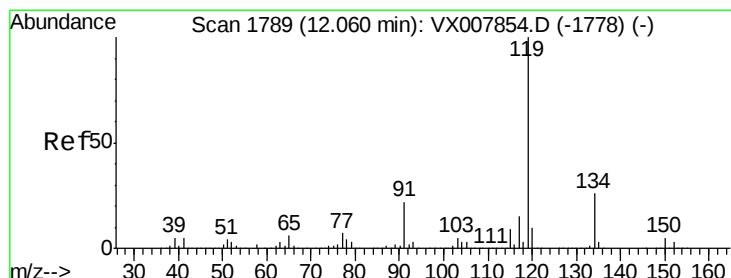
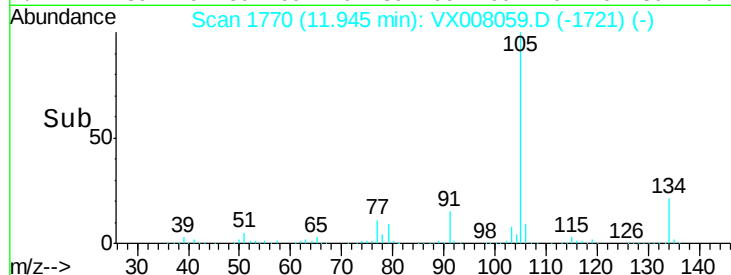
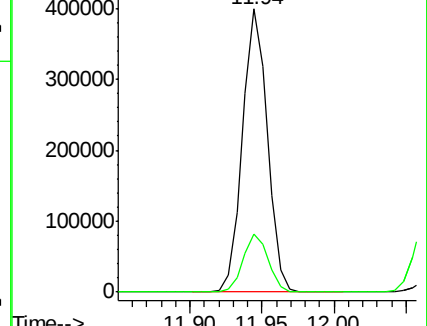
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.850 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

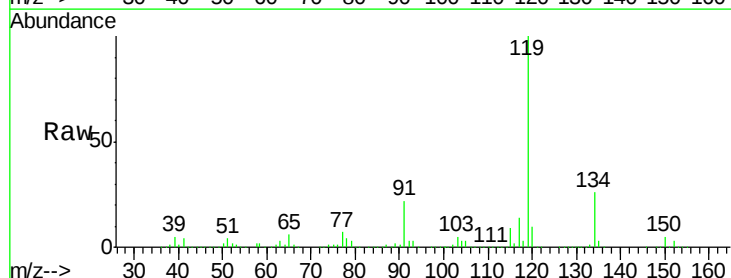
Tgt Ion:119 Resp: 428915

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

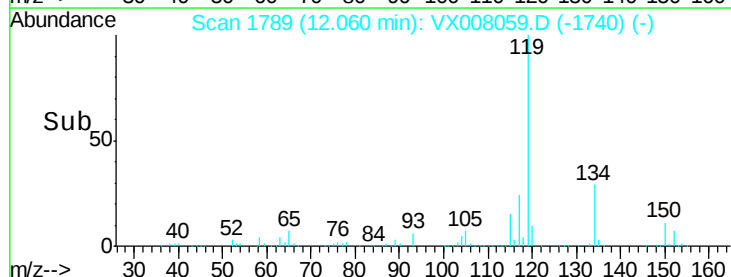
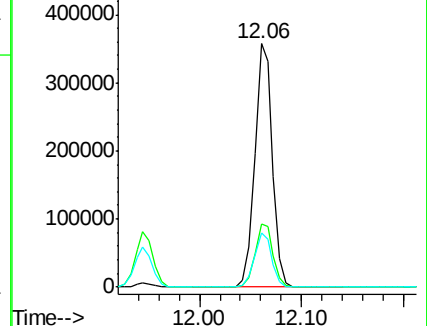
91 22.0 10.9 32.7

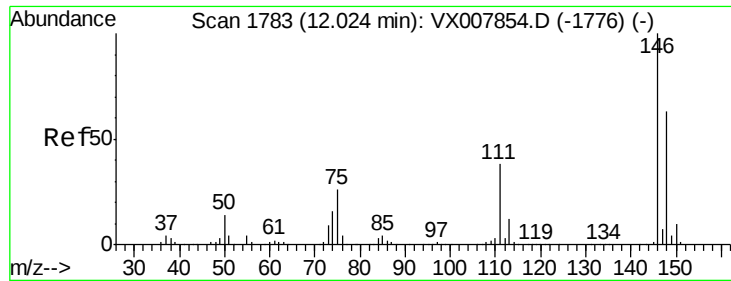


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

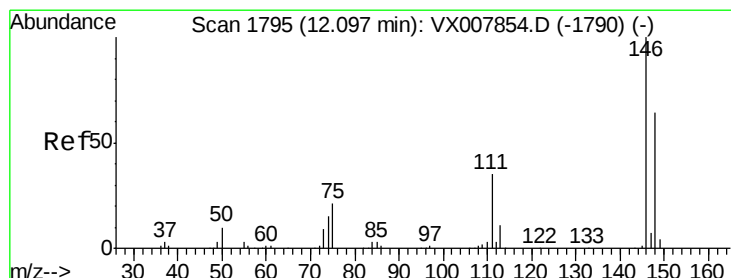
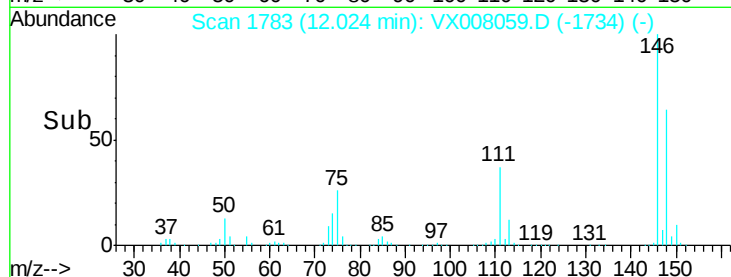
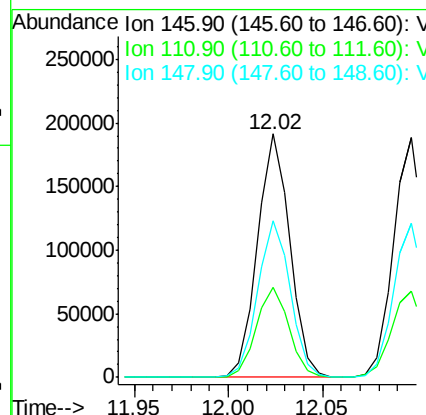
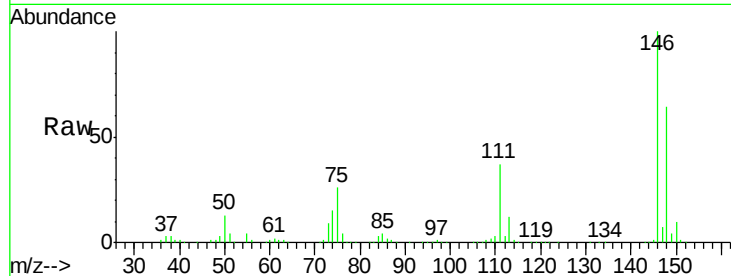




#87
 1,3-Dichlorobenzene
 Concen: 49.694 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

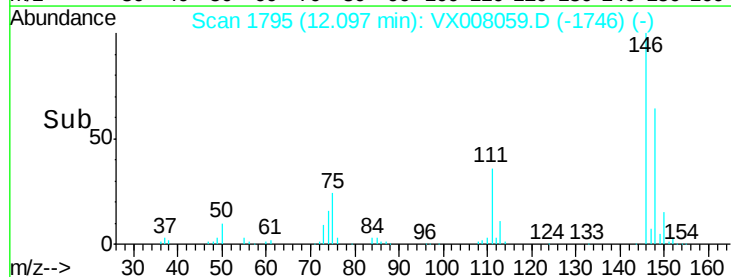
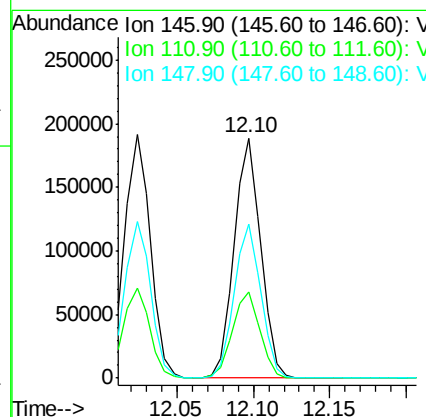
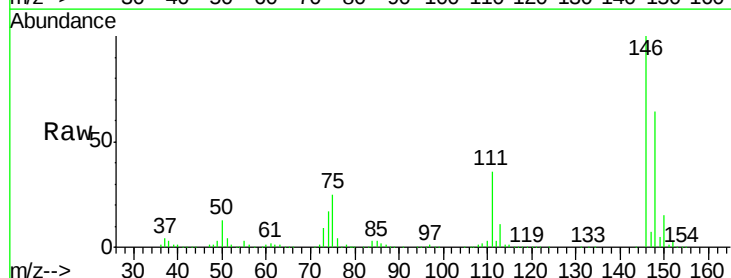
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

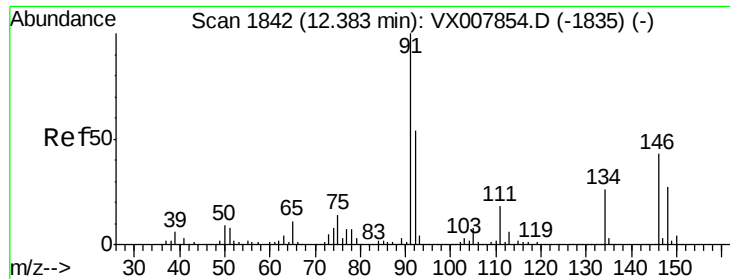
Tot Ion:146 Resp: 228014
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 64.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.211 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion:146 Resp: 226540
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.0
 148 64.6 32.2 96.6

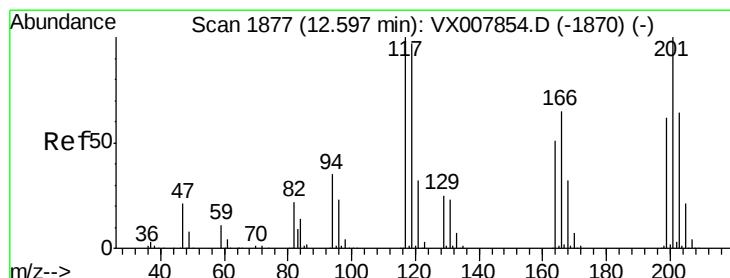
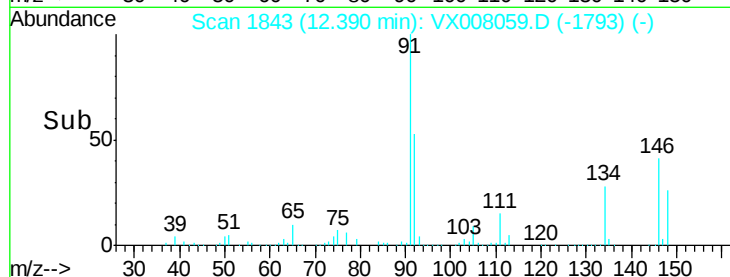
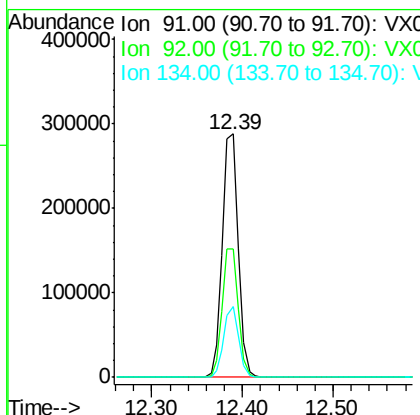
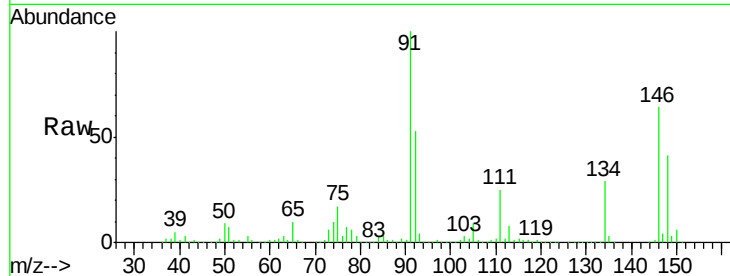




#89
n-Butylbenzene
Concen: 50.231 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

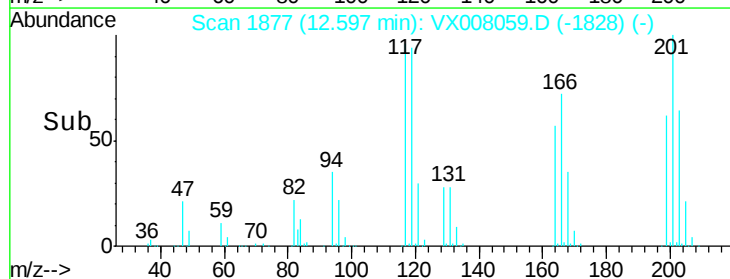
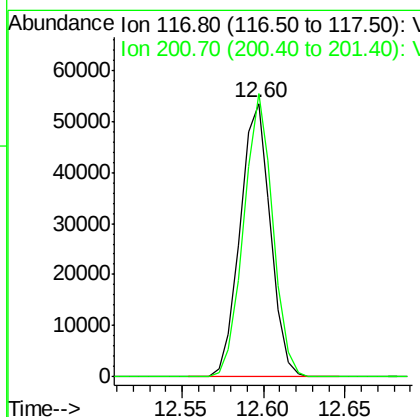
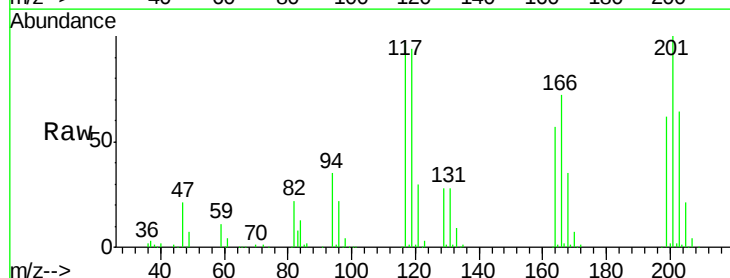
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 352031
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 50.024 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008059.D
Acq: 13 Mar 2019 19:42

Tgt Ion: 117 Resp: 69187
Ion Ratio Lower Upper
117 100
201 99.2 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 49.775 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

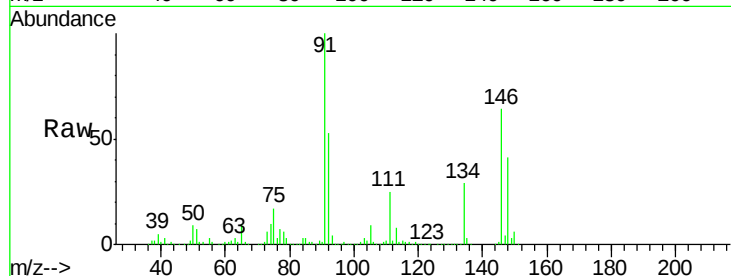
Tot Ion:146 Resp: 226884

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

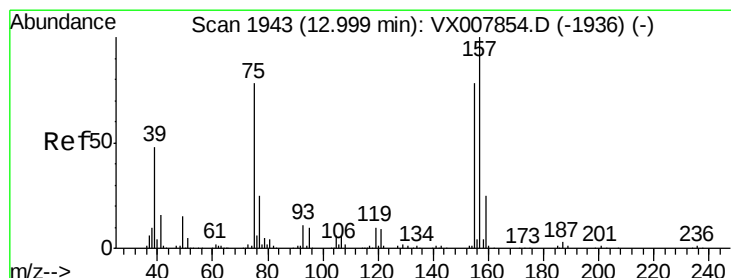
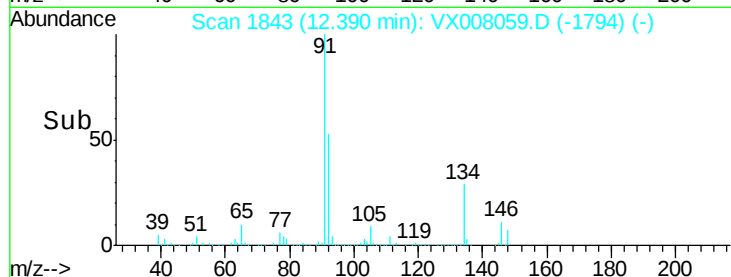
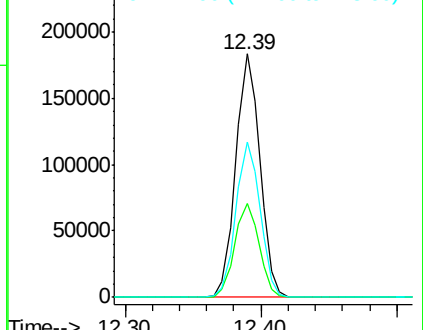
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.346 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

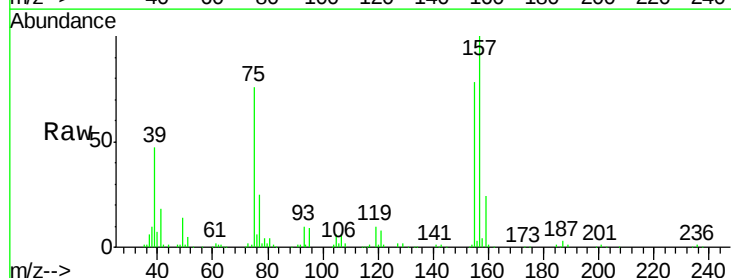
Tgt Ion: 75 Resp: 33651

Ion Ratio Lower Upper

75 100

155 102.5 49.7 149.1

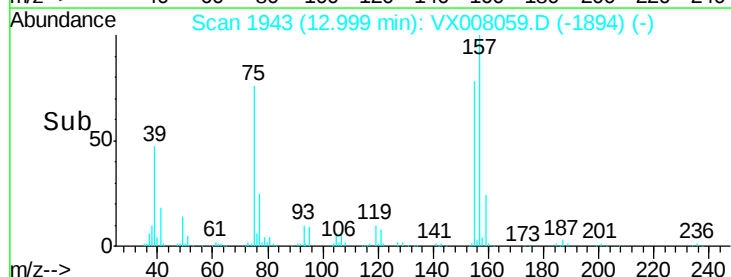
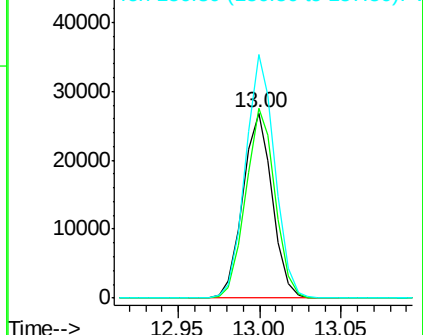
157 131.7 63.8 191.4

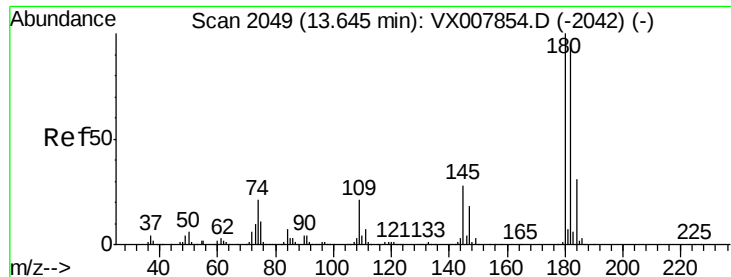


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

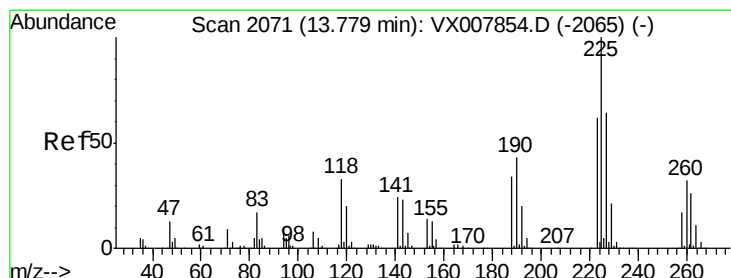
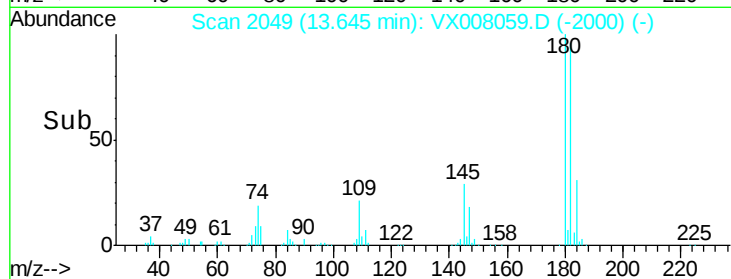
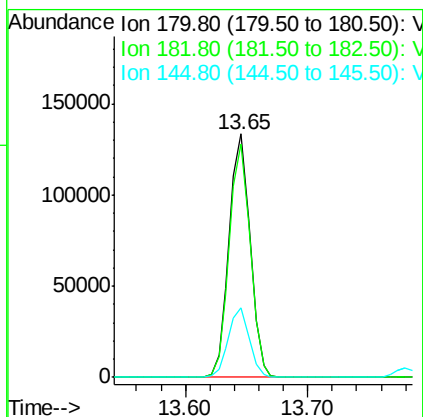
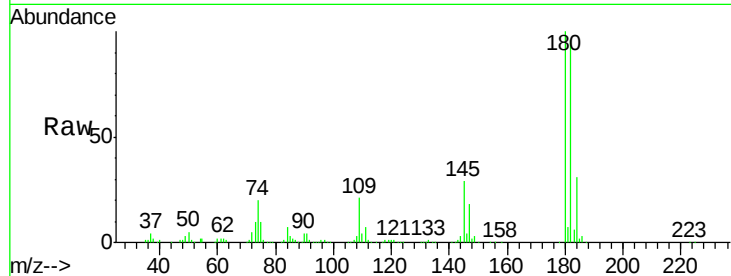




#93
 1,2,4-Trichlorobenzene
 Concen: 49.496 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

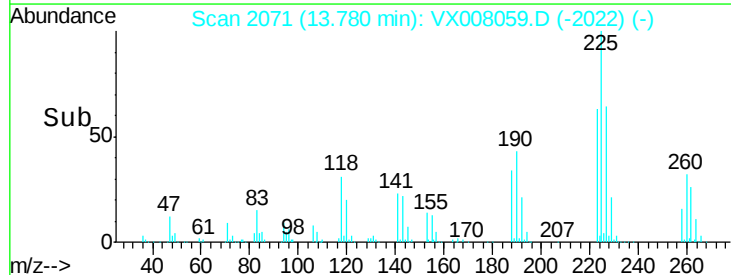
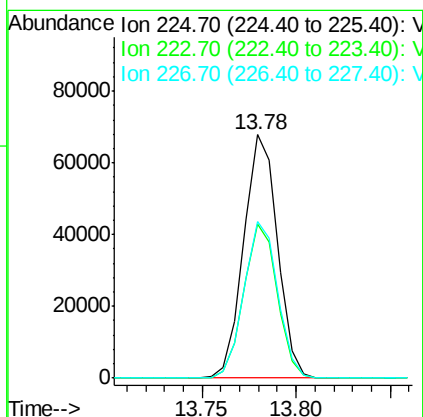
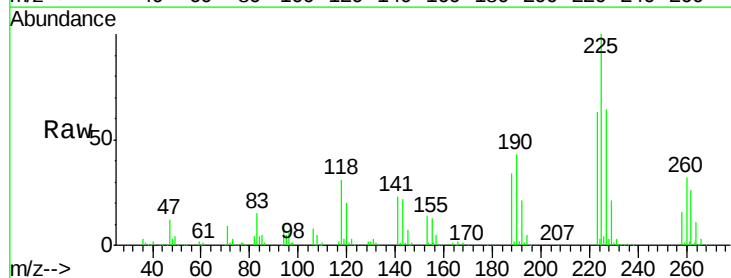
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

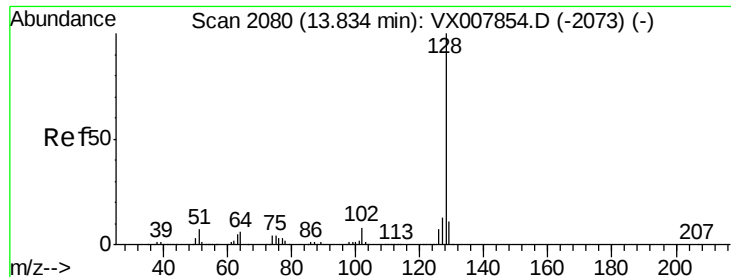
Tot Ion:180 Resp: 158491
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.7
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.482 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008059.D
 Acq: 13 Mar 2019 19:42

Tgt Ion:225 Resp: 84514
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 63.9 32.0 96.0





#95

Naphthalene

Concen: 52.445 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

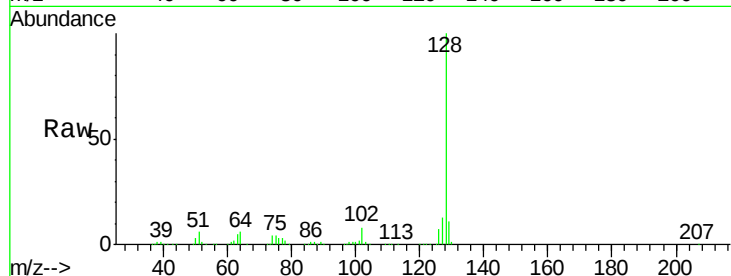
Tot Ion:128 Resp: 483875

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

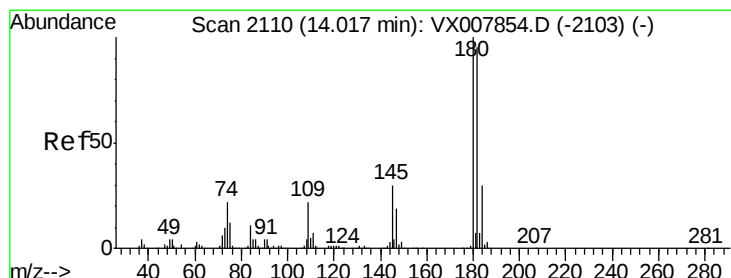
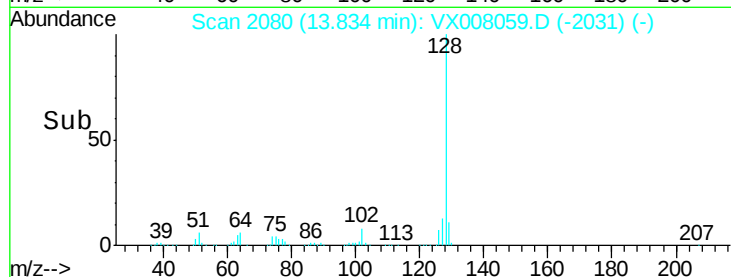
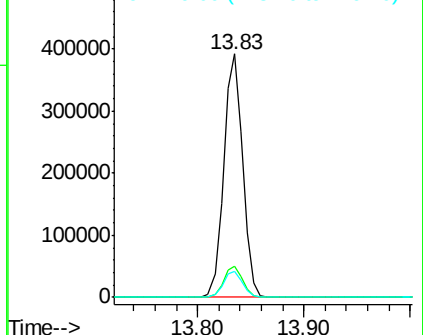
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.697 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008059.D

Acq: 13 Mar 2019 19:42

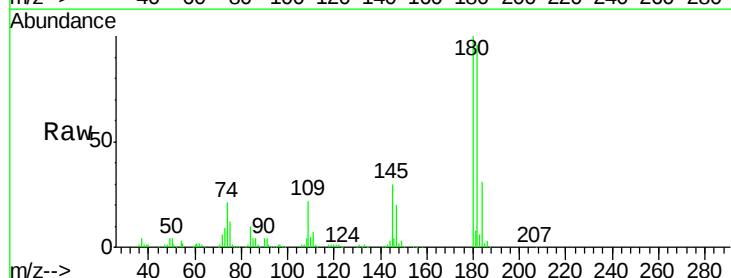
Tgt Ion:180 Resp: 161715

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.5

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

