

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002134.D
 Acq On : 30 May 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: May 31 02:07:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	60068	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	350222	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	320655	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	144555	30.58	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.93%
60) 4-Bromofluorobenzene	11.14	95	161417	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.72	98	429529	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63312	19.85	ug/l	99
3) Chloromethane	1.32	50	74479	19.63	ug/l	100
4) Vinyl Chloride	1.40	62	77571	20.56	ug/l	98
5) Bromomethane	1.64	94	42639	20.17	ug/l	100
6) Chloroethane	1.73	64	49834	22.32	ug/l	98
7) Trichlorofluoromethane	1.93	101	132382	23.00	ug/l	100
8) Diethyl Ether	2.19	74	48237	22.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77398	24.97	ug/l	97
10) 1,1-Dichloroethene	2.37	96	65911	22.06	ug/l	98
11) Methyl Iodide	2.51	142	53757	11.45	ug/l	98
12) Methyl Acetate	2.78	43	110731	22.86	ug/l	97
13) Acrolein	2.29	56	21083	51.12	ug/l	98
14) Acrylonitrile	3.15	53	208179	104.46	ug/l	99
15) Acetone	2.45	58	58109	109.37	ug/l	95
16) Carbon Disulfide	2.57	76	156631	18.35	ug/l	100
17) Allyl chloride	2.73	41	140209	22.73	ug/l	96
18) Methylene Chloride	2.86	84	74307	22.12	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	68832	21.78	ug/l	93
20) Diisopropyl ether	3.87	45	271023	23.01	ug/l	98
21) 1,1-Dichloroethane	3.70	63	141351	22.55	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	74963	19.90	ug/l	86
23) tert-Butyl Alcohol	3.06	59	100456	97.18	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	253306	21.71	ug/l	98
25) Chloroform	5.22	83	129844	19.70	ug/l	99
26) Cyclohexane	5.58	56	118919	20.61	ug/l	# 99
29) 1,1-Dichloropropene	5.80	75	96310	19.66	ug/l	99
30) 2-Butanone	4.71	43	296388	86.72	ug/l	99
31) 2,2-Dichloropropane	4.59	77	113209	26.29	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	116276	18.17	ug/l	99
33) Carbon Tetrachloride	5.79	117	101292	17.42	ug/l	96
34) Benzene	6.15	78	281030	18.99	ug/l	100
35) Methacrylonitrile	5.07	41	65121	17.21	ug/l	95
36) 1,2-Dichloroethane	6.20	62	108249	18.78	ug/l	100
37) Trichloroethene	7.21	130	81282	19.37	ug/l	96
38) Methylcyclohexane	7.46	83	121454	21.24	ug/l	100
39) 1,2-Dichloropropane	7.52	63	77297	19.32	ug/l	99
40) Dibromomethane	7.67	93	49658	18.50	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002134.D
 Acq On : 30 May 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: May 31 02:07:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	95710	17.19	ug/l	100
42) Vinyl Acetate	3.82	43	1159601	107.24	ug/l	99
43) Ethyl Acetate	4.86	43	114342	17.04	ug/l	99
44) Isopropyl Acetate	6.46	43	197897	17.74	ug/l	100
45) 1,4-Dioxane	7.82	88	202	1.90	ug/l	94
46) Methyl methacrylate	7.78	41	99927	17.69	ug/l	96
47) n-amyl Acetate	10.90	43	184762	18.00	ug/l #	91
48) t-1,3-Dichloropropene	8.44	75	117307	18.75	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	108347	17.89	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	74462	19.32	ug/l	98
51) Ethyl methacrylate	9.18	69	120471	18.05	ug/l	99
52) 1,3-Dichloropropane	9.37	76	124325	19.13	ug/l	99
53) Dibromochloromethane	9.59	129	76374	16.22	ug/l	100
54) 1,2-Dibromoethane	9.68	107	76672	18.38	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	366784	117.07	ug/l	100
56) Bromoform	10.86	173	59040	14.26	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	620390	88.91	ug/l	100
59) 2-Hexanone	9.50	43	480392	88.72	ug/l	99
61) Tetrachloroethene	9.34	164	93419	19.10	ug/l	97
62) Toluene	8.79	91	321489	19.63	ug/l	96
64) Chlorobenzene	10.14	112	207201	19.55	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	77256	17.91	ug/l	100
66) Ethyl Benzene	10.26	91	362235	19.68	ug/l	99
67) m/p-Xylenes	10.36	106	276867	39.63	ug/l	98
68) o-Xylene	10.70	106	136484	19.50	ug/l	99
69) Styrene	10.71	104	222353	18.93	ug/l	100
70) Isopropylbenzene	11.02	105	374314	19.98	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	108013	18.40	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	131963	23.86	ug/l	94
73) Bromobenzene	11.26	156	97610	19.40	ug/l	97
74) n-propylbenzene	11.37	91	430148	20.57	ug/l	100
75) 2-Chlorotoluene	11.43	91	253140	19.63	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	318121	19.97	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	31951	15.95	ug/l	85
78) 4-Chlorotoluene	11.51	91	293531	20.01	ug/l	100
79) tert-butylbenzene	12.07	119	344792	20.65	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	324194	20.13	ug/l	98
81) sec-Butylbenzene	11.95	105	385008	20.62	ug/l	100
82) p-Isopropyltoluene	12.07	119	344792	20.65	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	176813	19.83	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	180628	20.35	ug/l	99
85) n-Butylbenzene	12.39	91	298763	21.33	ug/l	99
86) Hexachloroethane	12.60	117	51454	15.48	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	179483	19.55	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	25224	14.75	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	134634	20.64	ug/l	99
90) Hexachlorobutadiene	13.79	225	72071	20.77	ug/l	99
91) Naphthalene	13.84	128	391631	19.03	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	134065	19.68	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
Data File : VX002134.D
Acq On : 30 May 2018 11:33
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: May 31 02:07:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

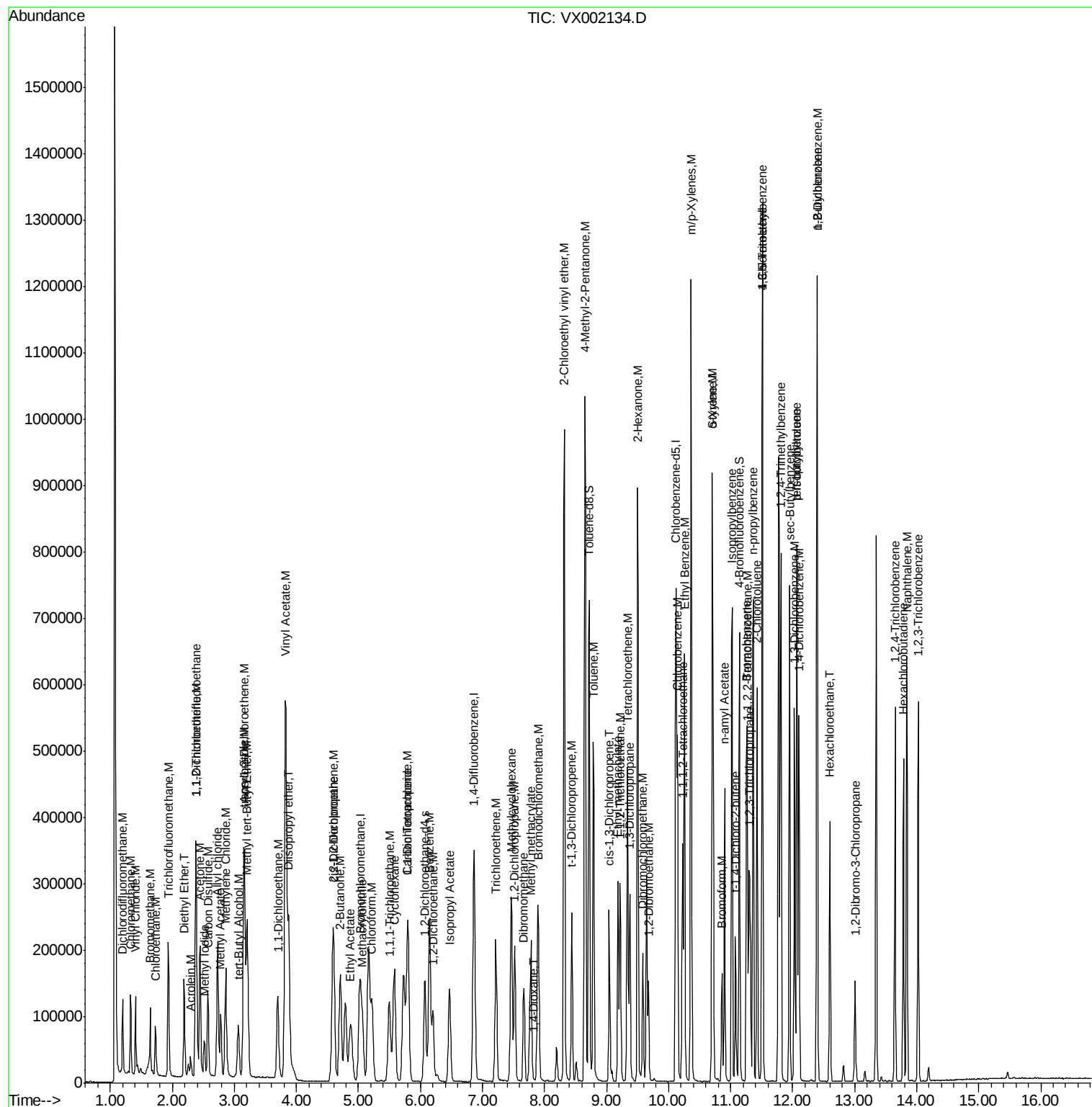
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

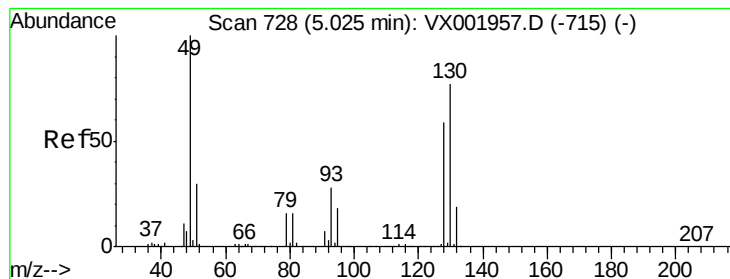
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
Data File : VX002134.D
Acq On : 30 May 2018 11:33
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: May 31 02:07:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

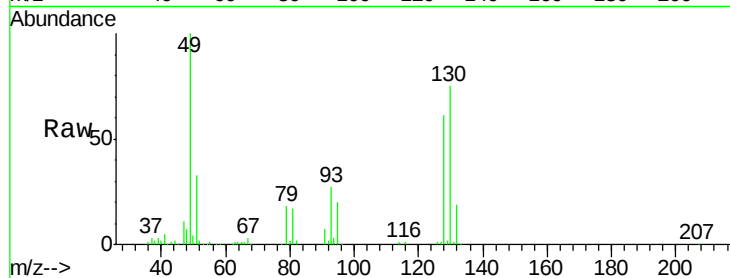
Tgt Ion:128 Resp: 60068

Ion Ratio Lower Upper

128 100

49 170.6 0.0 423.0

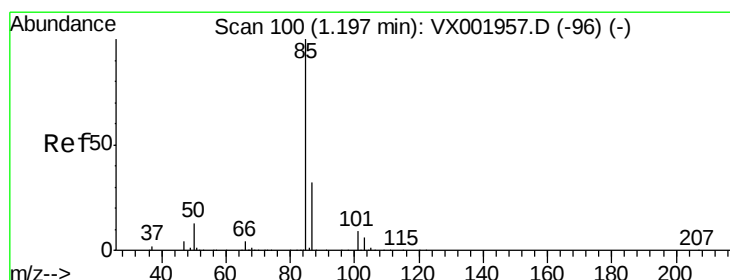
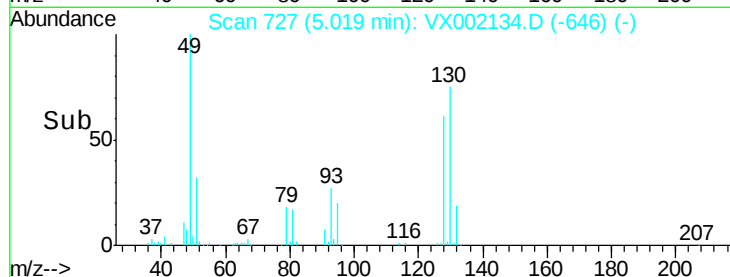
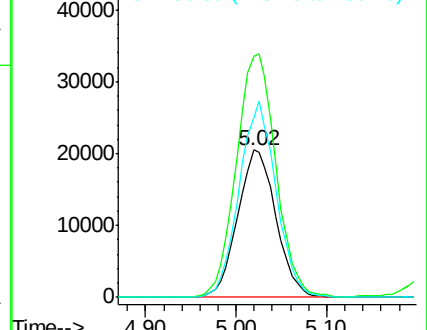
130 128.5 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.85 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002134.D

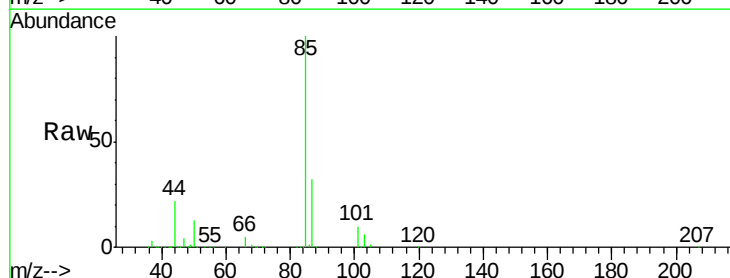
Acq: 30 May 2018 11:33

Tgt Ion: 85 Resp: 63312

Ion Ratio Lower Upper

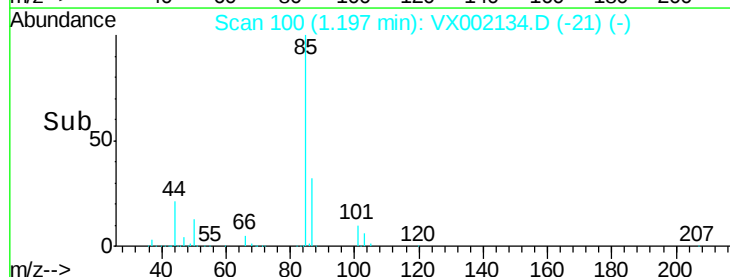
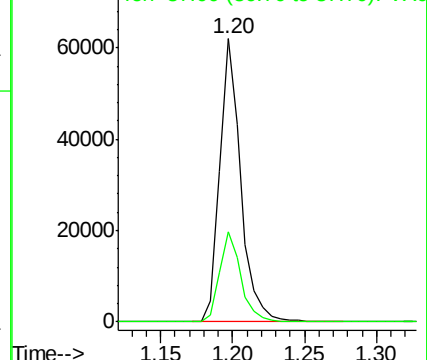
85 100

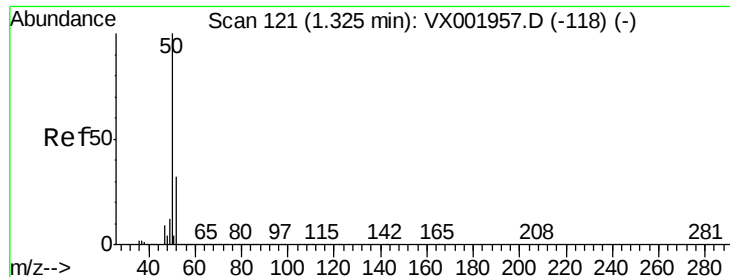
87 32.0 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

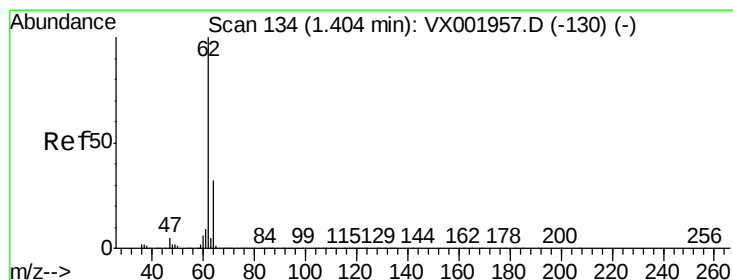
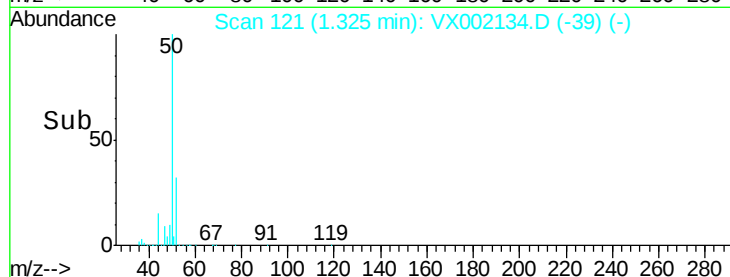
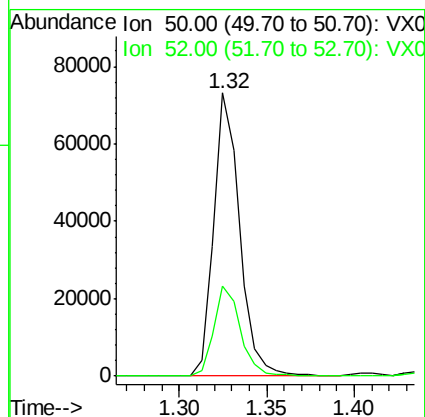
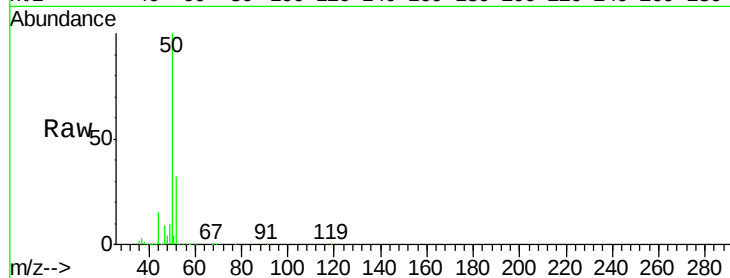
VSTDCCC020

Tgt Ion: 50 Resp: 74479

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4



#4

Vinyl Chloride

Concen: 20.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002134.D

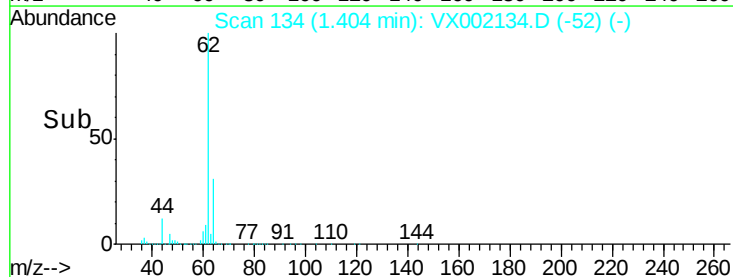
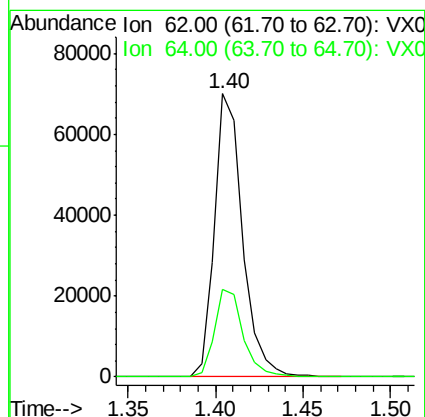
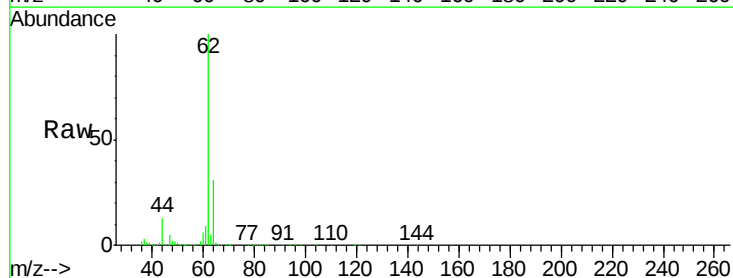
Acq: 30 May 2018 11:33

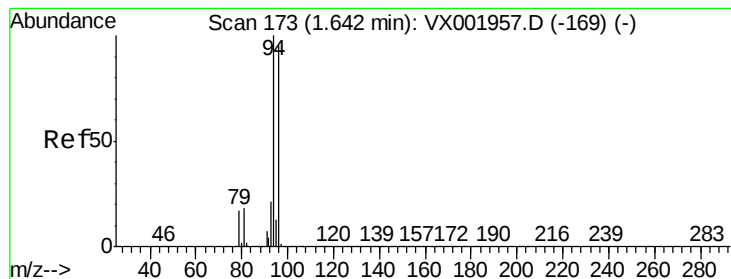
Tgt Ion: 62 Resp: 77571

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9





#5

Bromomethane

Concen: 20.17 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

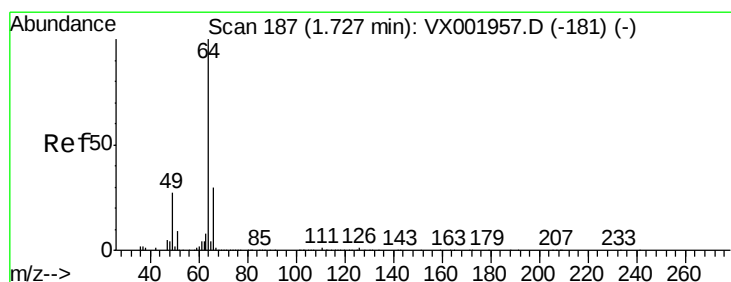
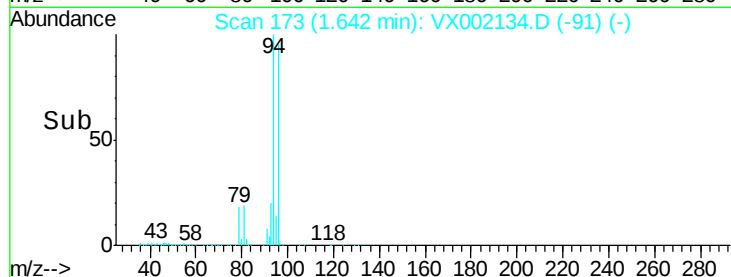
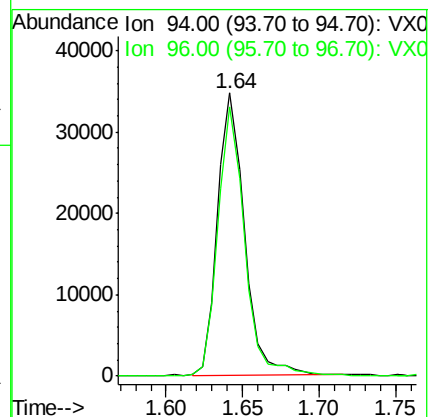
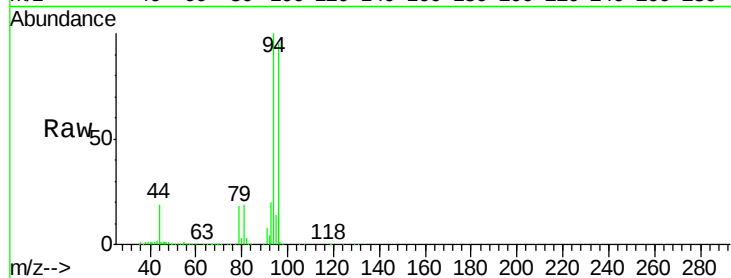
VSTDCCC020

Tgt Ion: 94 Resp: 42639

Ion Ratio Lower Upper

94 100

96 94.9 75.7 113.5



#6

Chloroethane

Concen: 22.32 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX002134.D

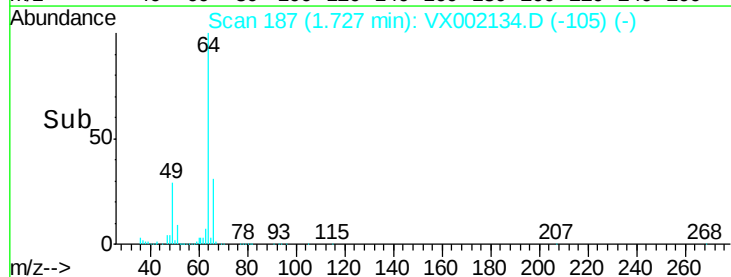
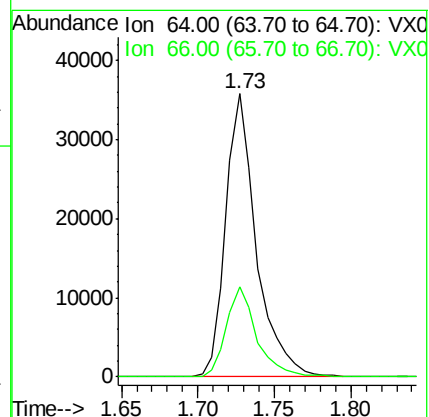
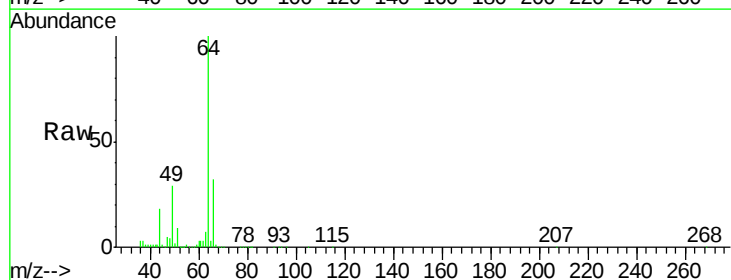
Acq: 30 May 2018 11:33

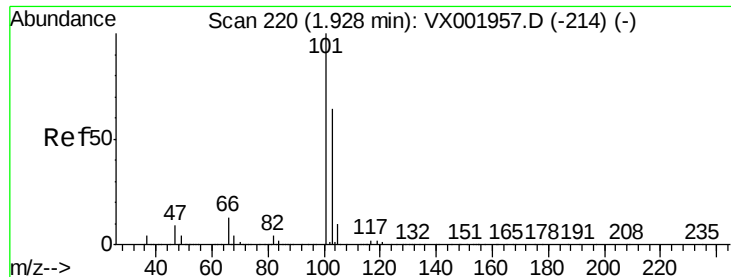
Tgt Ion: 64 Resp: 49834

Ion Ratio Lower Upper

64 100

66 31.3 24.3 36.5



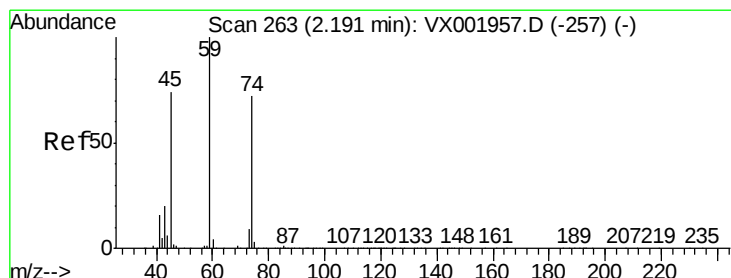
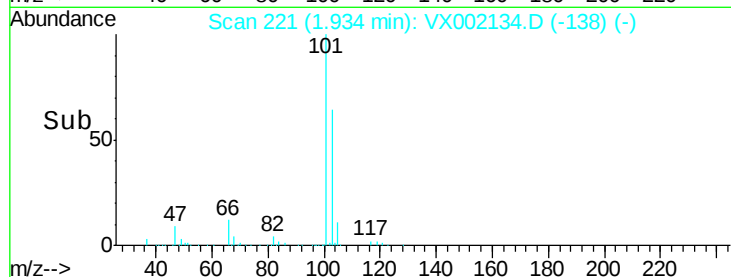
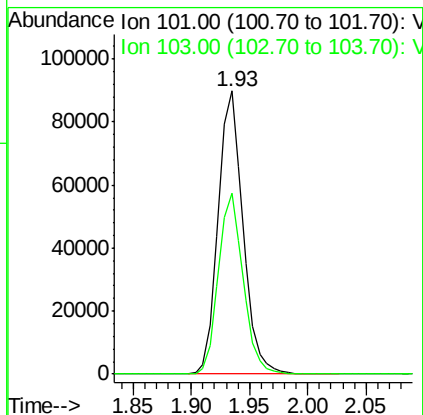
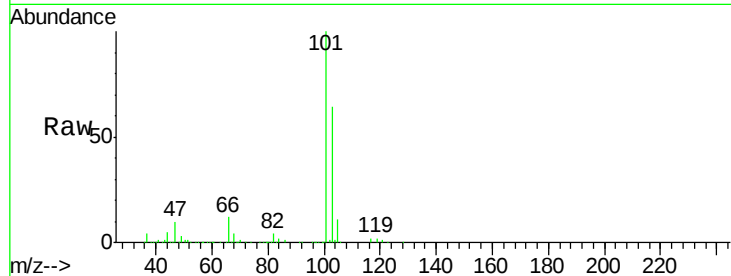


#7

Trichlorofluoromethane
 Concen: 23.00 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

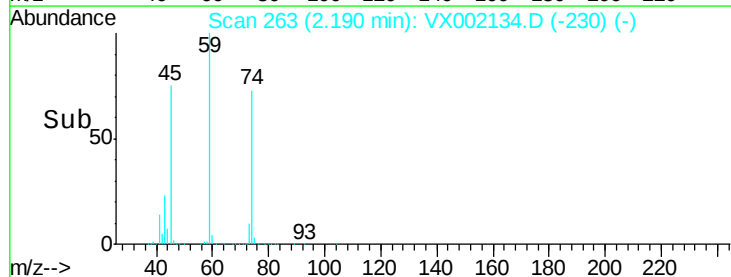
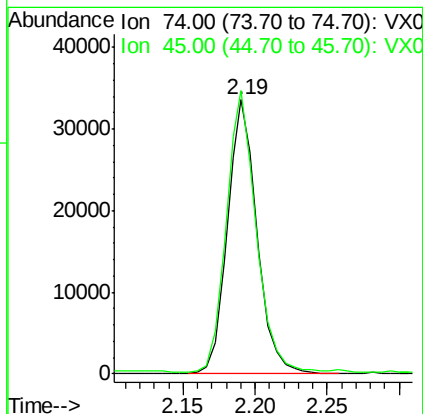
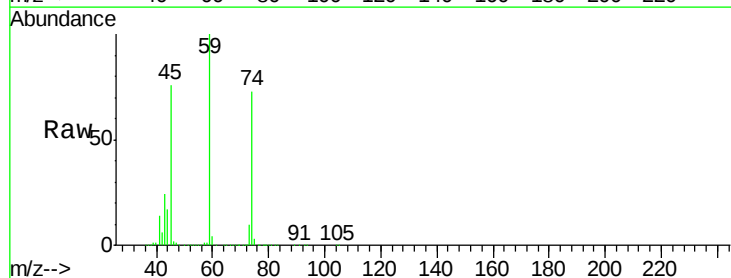
Tgt Ion: 101 Resp: 132382
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.5 77.3

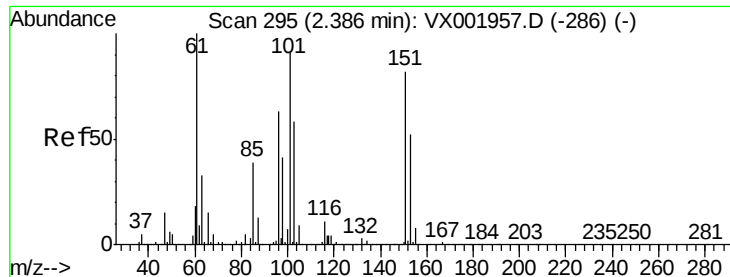


#8

Diethyl Ether
 Concen: 22.27 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion: 74 Resp: 48237
 Ion Ratio Lower Upper
 74 100
 45 103.6 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

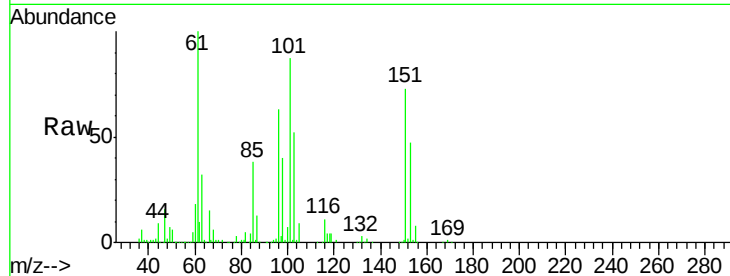
Tgt Ion: 101 Resp: 77398

Ion Ratio Lower Upper

101 100

85 43.9 0.0 87.0

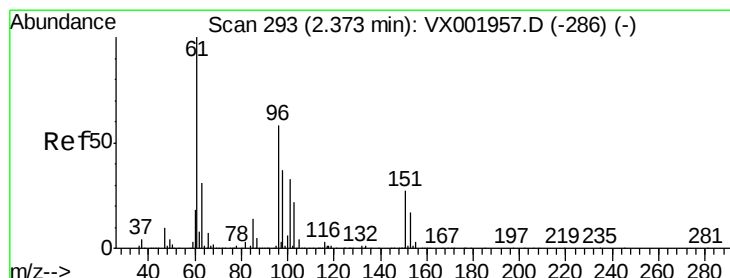
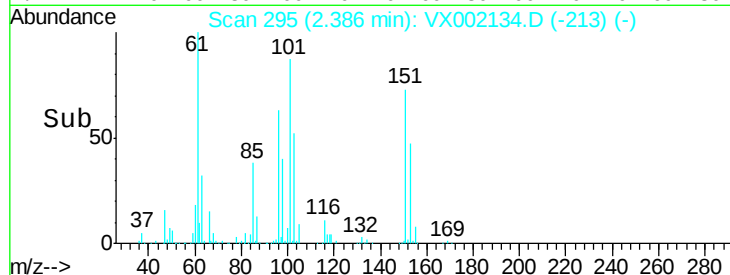
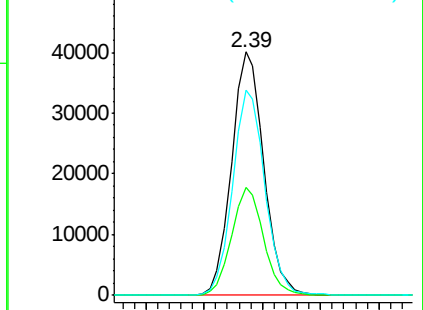
151 84.5 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 22.06 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

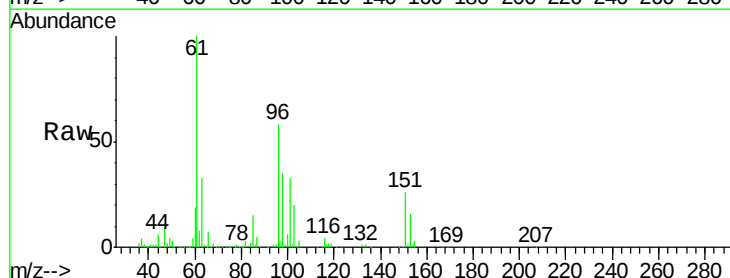
Tgt Ion: 96 Resp: 65911

Ion Ratio Lower Upper

96 100

61 171.1 137.5 206.3

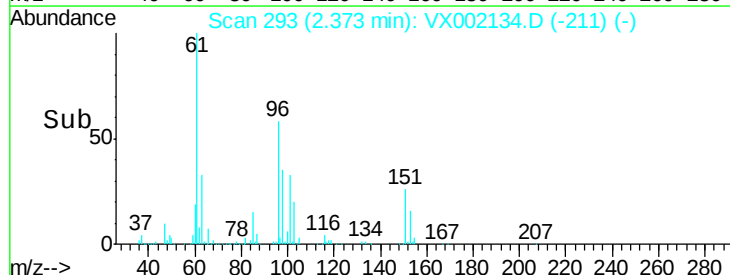
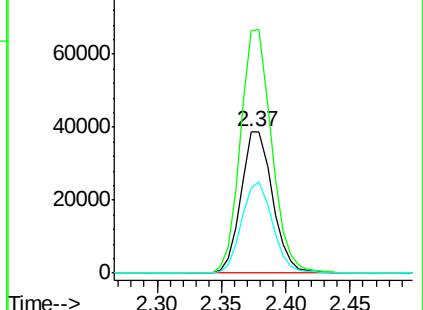
98 60.3 51.4 77.2

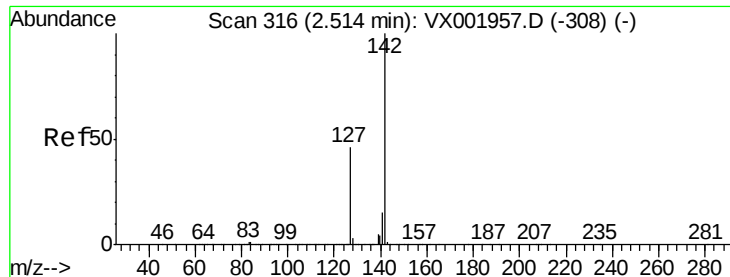


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

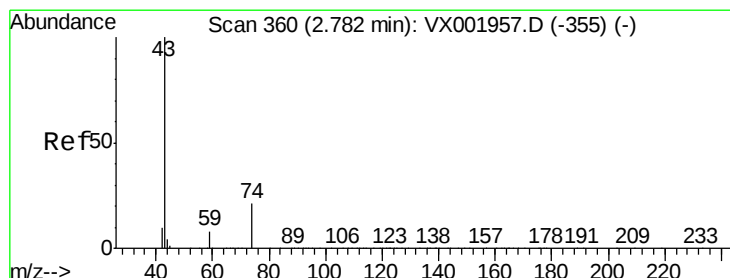
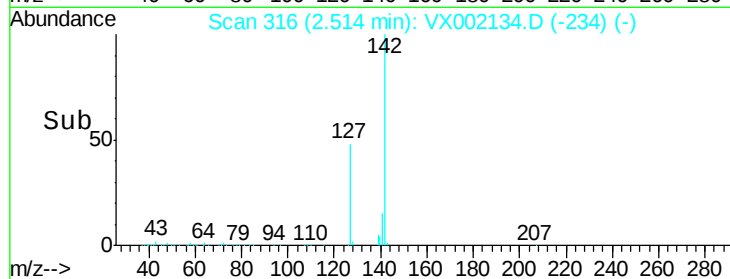
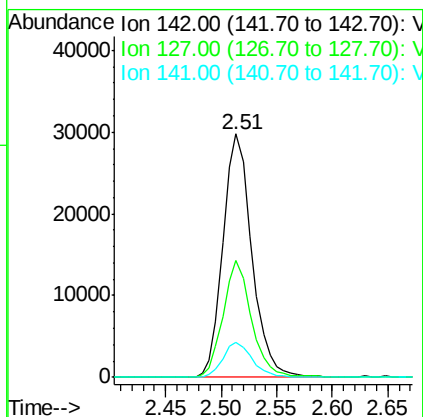
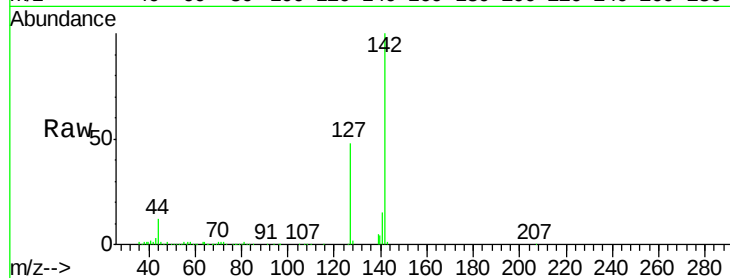




#11
Methyl Iodide
Concen: 11.45 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

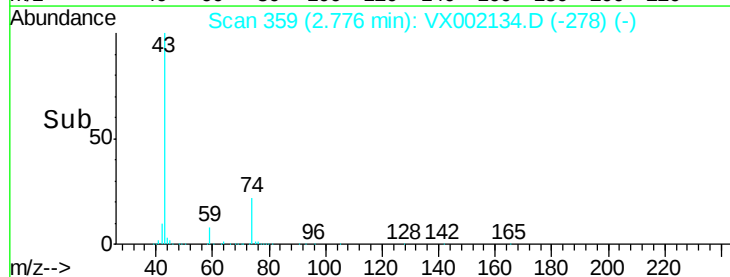
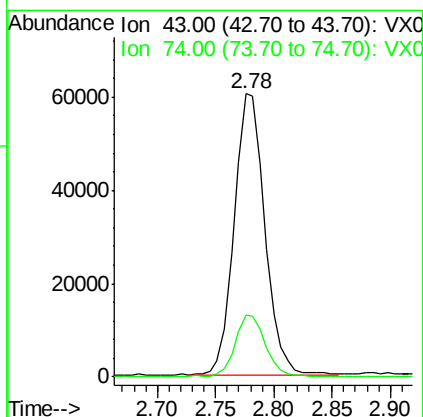
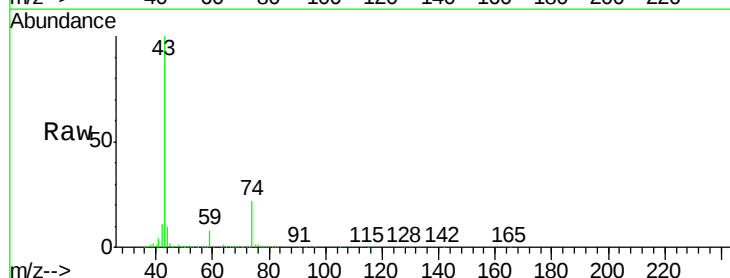
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

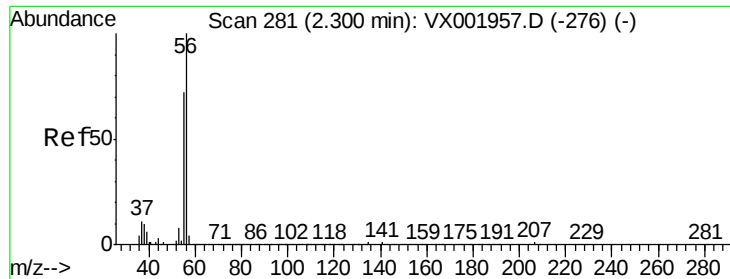
Tgt Ion:142 Resp: 53757
Ion Ratio Lower Upper
142 100
127 47.9 23.2 69.6
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 22.86 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 43 Resp: 110731
Ion Ratio Lower Upper
43 100
74 21.9 16.4 24.6





#13

Acrolein

Concen: 51.12 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

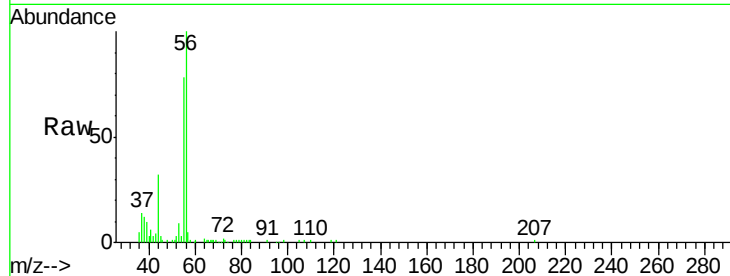
VSTDCCC020

Tgt Ion: 56 Resp: 21083

Ion Ratio Lower Upper

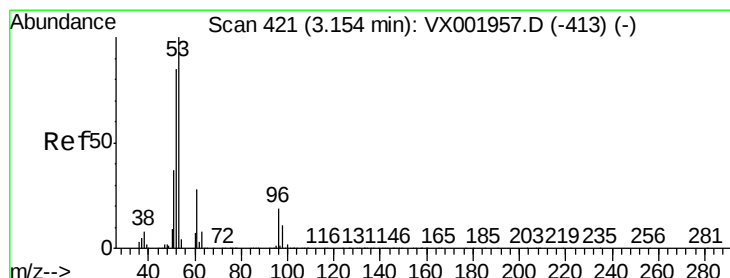
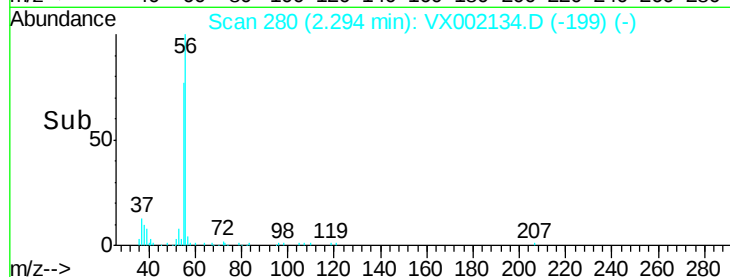
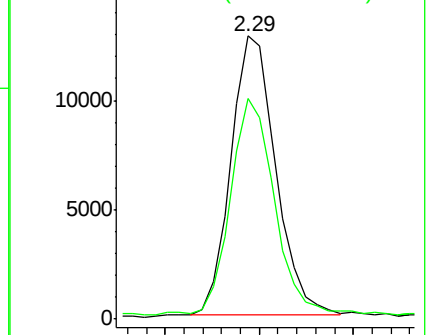
56 100

55 73.6 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 104.46 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

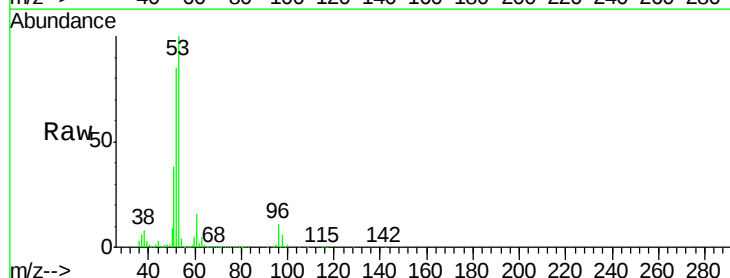
Tgt Ion: 53 Resp: 208179

Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

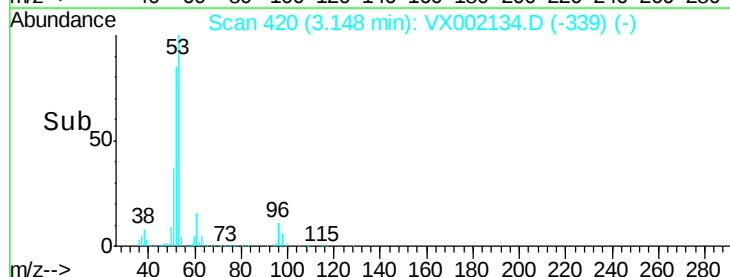
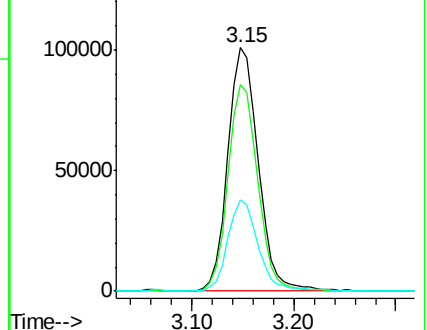
51 37.1 17.9 53.8

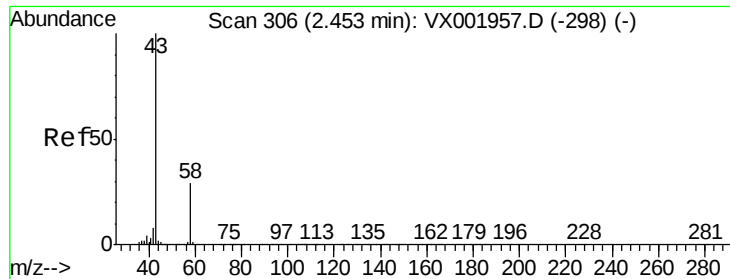


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 109.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

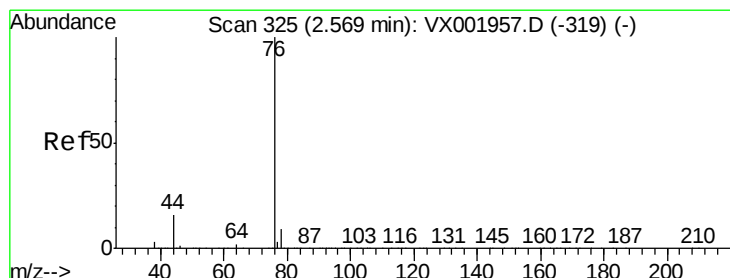
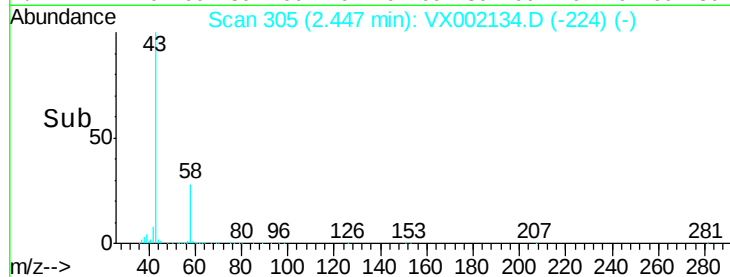
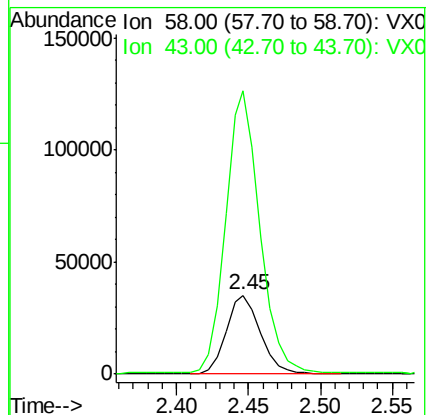
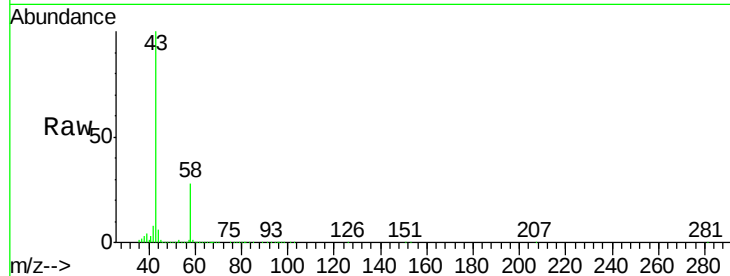
VSTDCCC020

Tgt Ion: 58 Resp: 58109

Ion Ratio Lower Upper

58 100

43 358.3 278.8 418.2



#16

Carbon Disulfide

Concen: 18.35 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002134.D

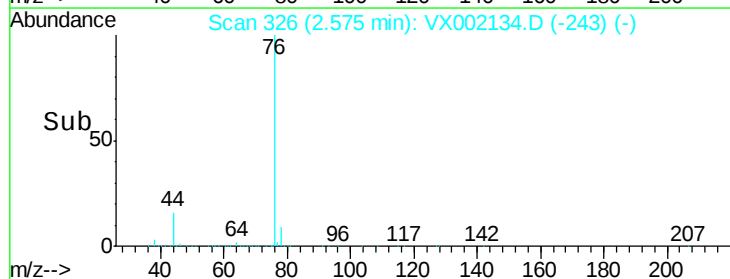
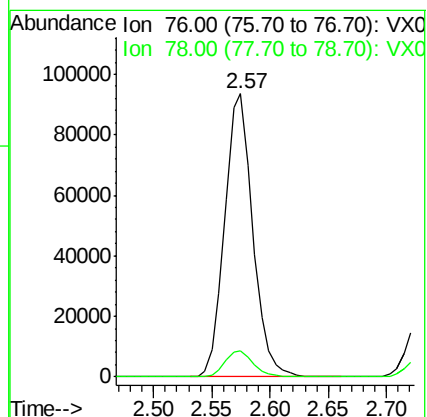
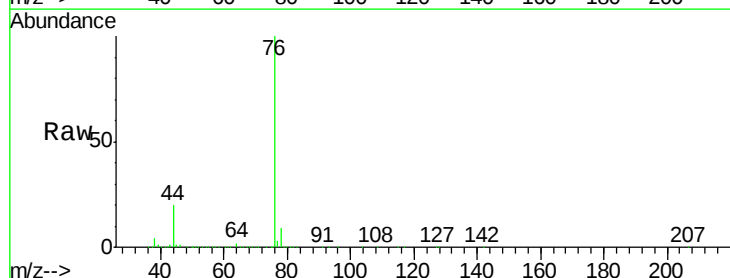
Acq: 30 May 2018 11:33

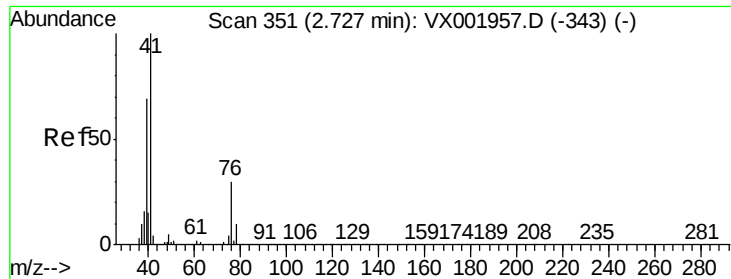
Tgt Ion: 76 Resp: 156631

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

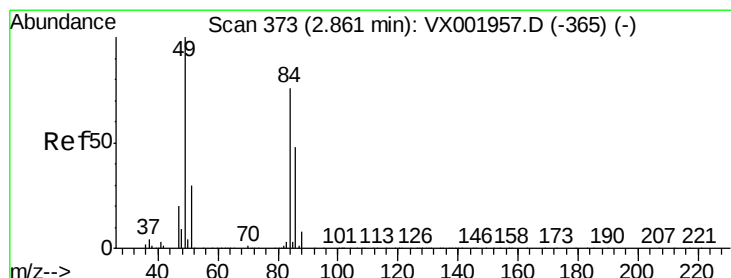
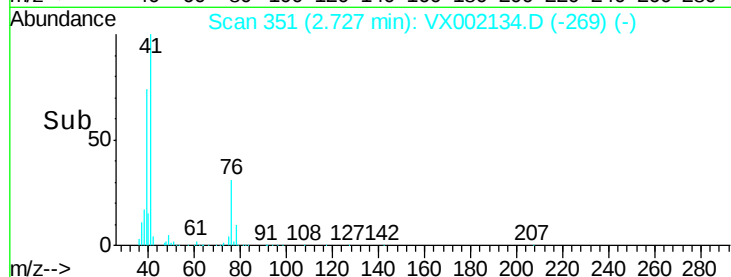
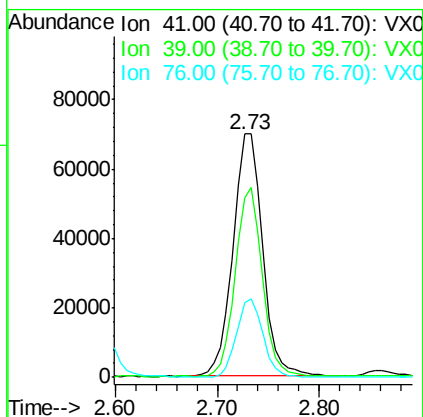
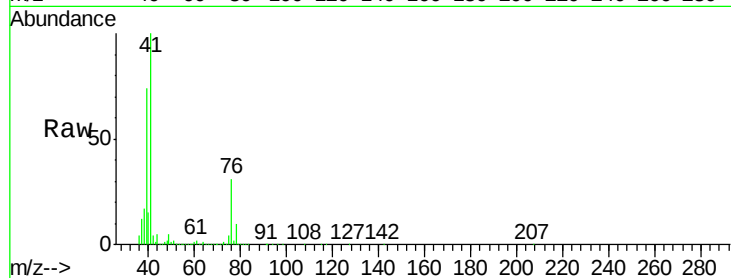




#17
 Allyl chloride
 Concen: 22.73 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

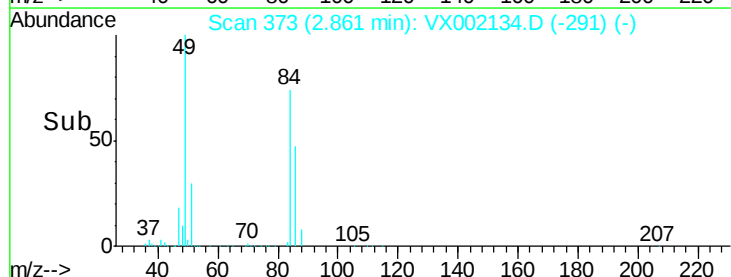
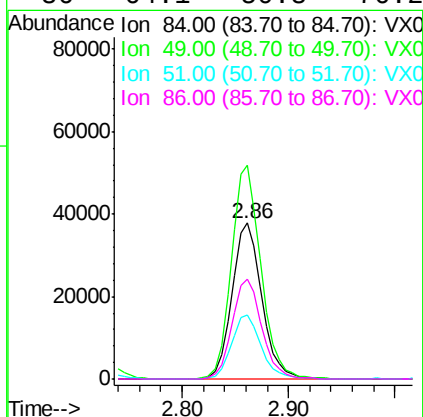
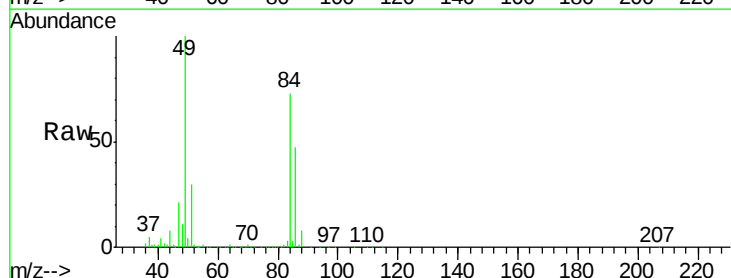
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

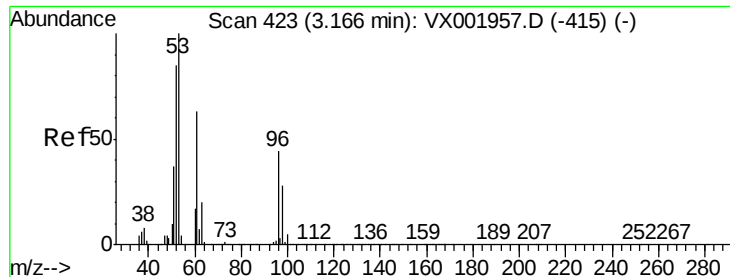
Tgt Ion: 41 Resp: 140209
 Ion Ratio Lower Upper
 41 100
 39 73.5 34.6 103.8
 76 31.0 15.0 45.1



#18
 Methylene Chloride
 Concen: 22.12 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion: 84 Resp: 74307
 Ion Ratio Lower Upper
 84 100
 49 137.0 104.7 157.1
 51 41.0 31.0 46.4
 86 64.1 50.8 76.2

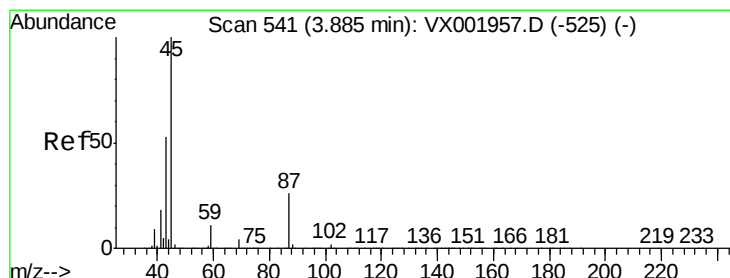
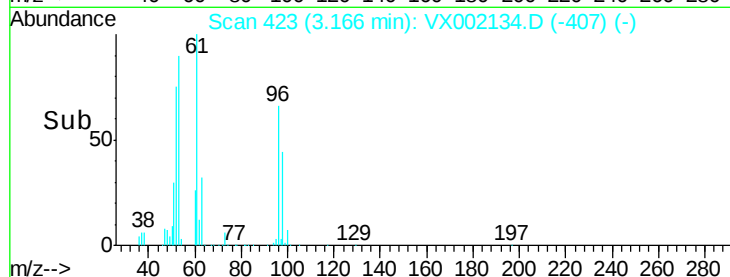
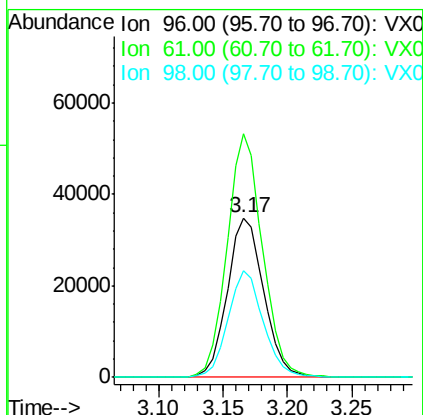
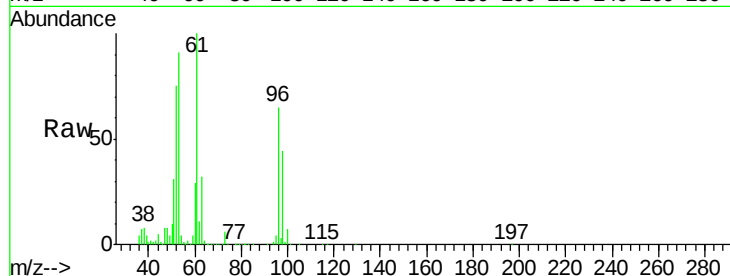




#19
trans-1,2-Dichloroethene
Concen: 21.78 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

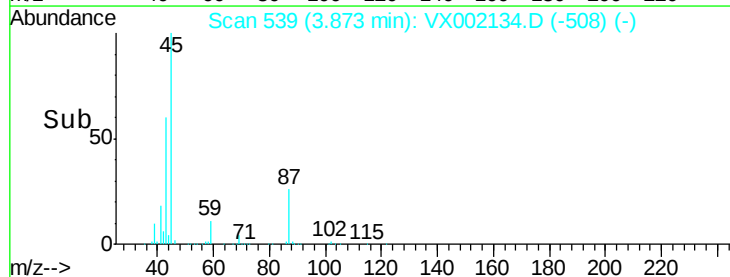
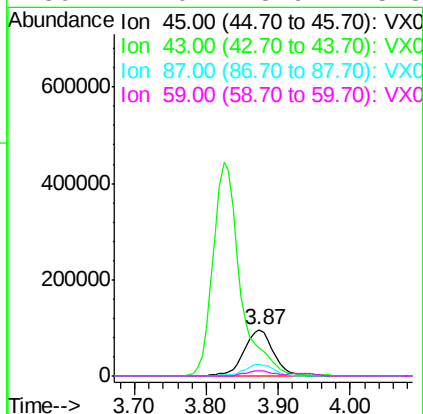
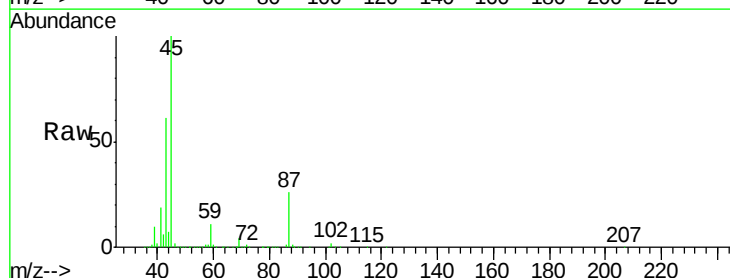
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

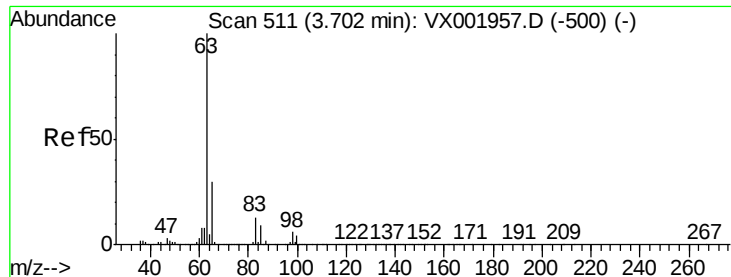
Tgt Ion: 96 Resp: 68832
Ion Ratio Lower Upper
96 100
61 152.9 114.6 172.0
98 67.0 51.3 76.9



#20
Diisopropyl ether
Concen: 23.01 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 45 Resp: 271023
Ion Ratio Lower Upper
45 100
43 59.6 45.6 68.4
87 25.5 20.7 31.1
59 11.0 8.9 13.3





#21

1,1-Dichloroethane

Concen: 22.55 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

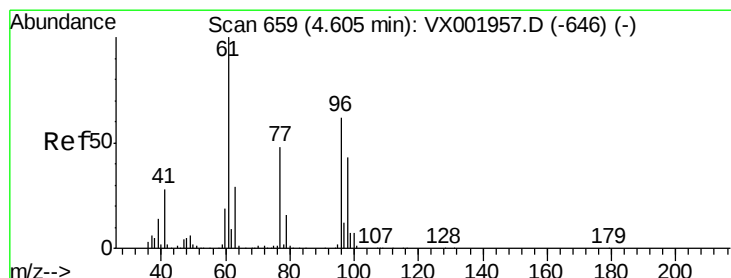
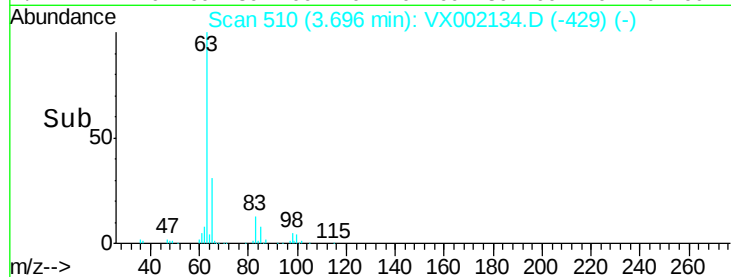
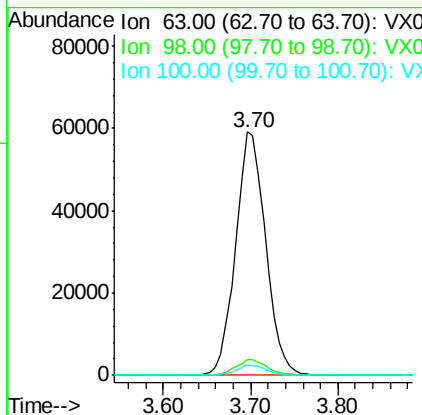
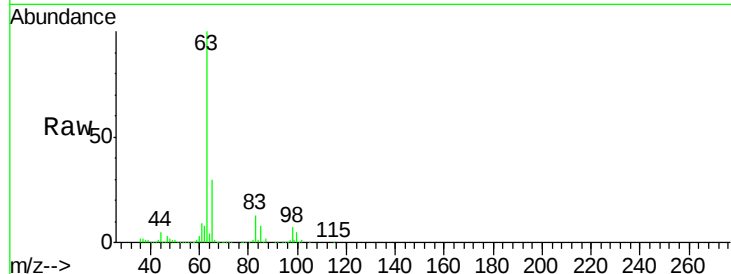
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	63	Resp:	141351
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.1	9.3
100	4.5	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 19.90 ug/l

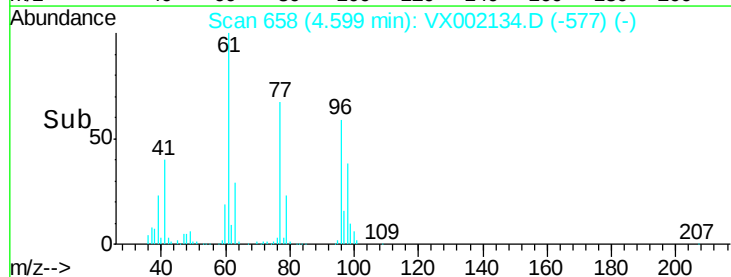
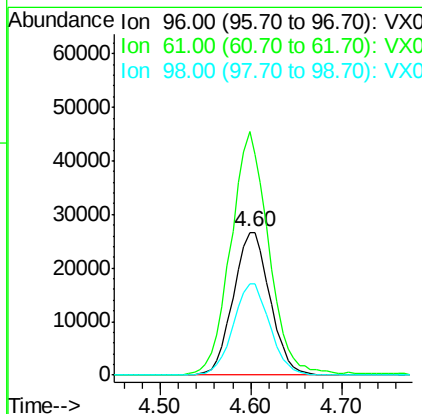
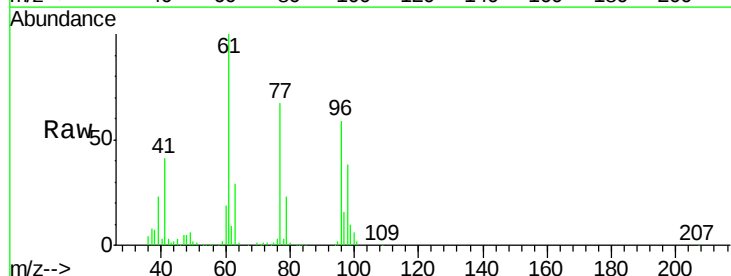
RT: 4.60 min Scan# 658

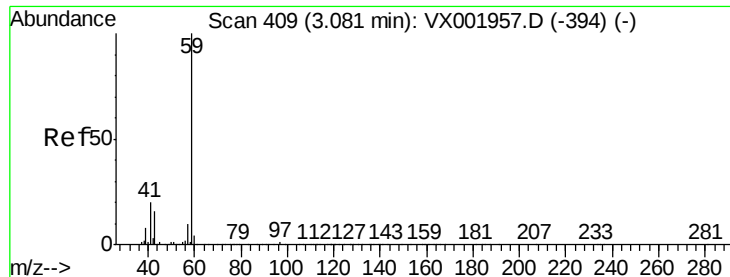
Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Tgt Ion:	96	Resp:	74963
Ion	Ratio	Lower	Upper
96	100		
61	175.2	160.2	240.2
98	63.8	54.1	81.1





#23

tert-Butyl Alcohol

Concen: 97.18 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.02 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

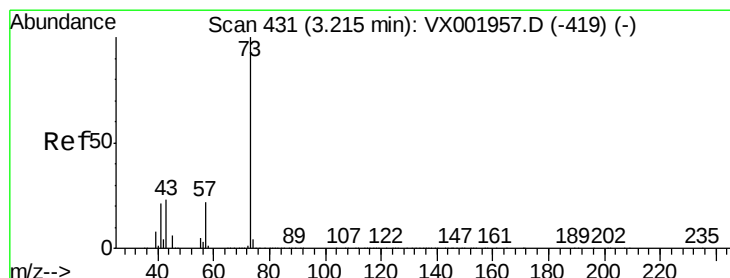
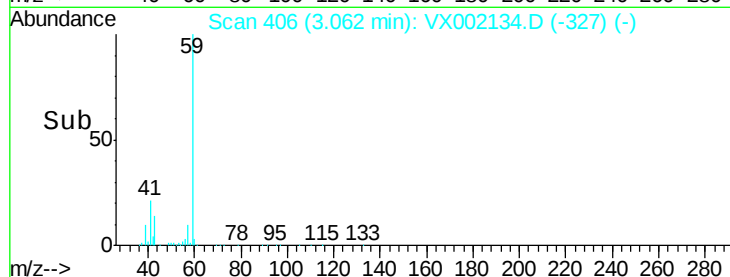
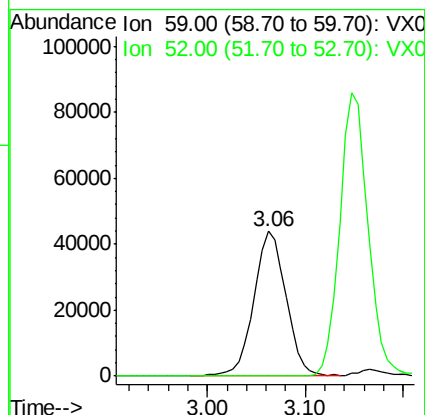
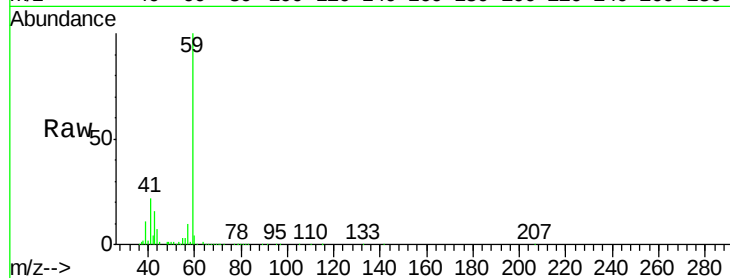
VSTDCCC020

Tgt Ion: 59 Resp: 100456

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 21.71 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002134.D

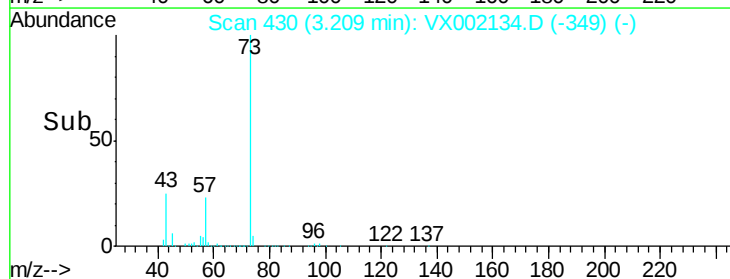
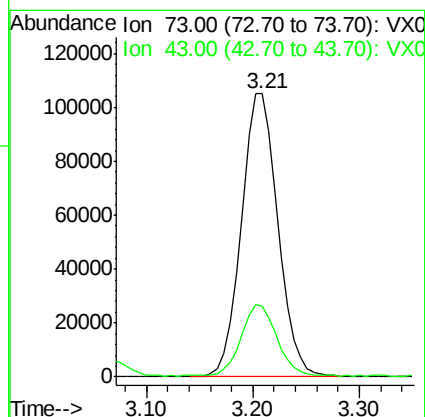
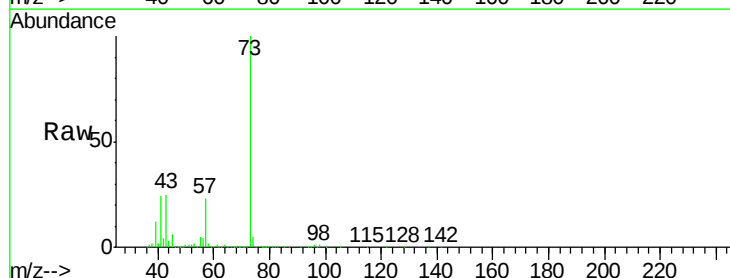
Acq: 30 May 2018 11:33

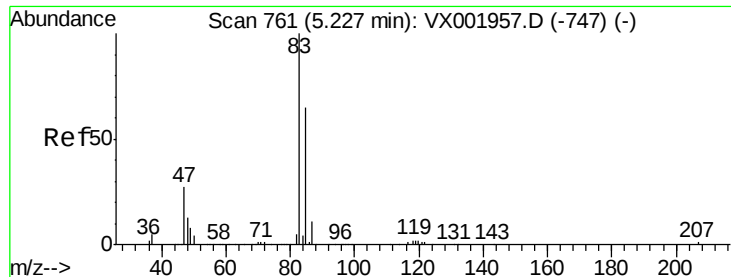
Tgt Ion: 73 Resp: 253306

Ion Ratio Lower Upper

73 100

43 24.6 19.0 28.4





#25

Chloroform

Concen: 19.70 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

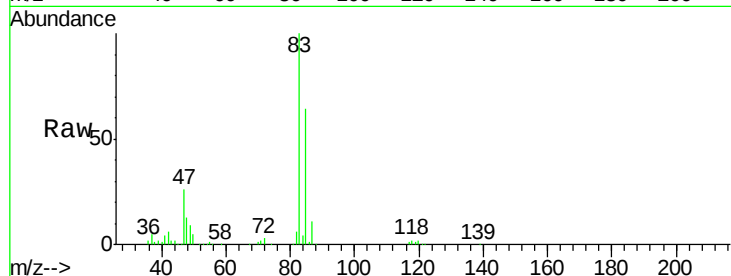
VSTDCCC020

Tgt Ion: 83 Resp: 129844

Ion Ratio Lower Upper

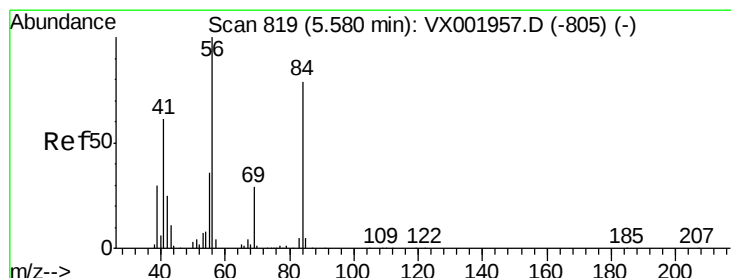
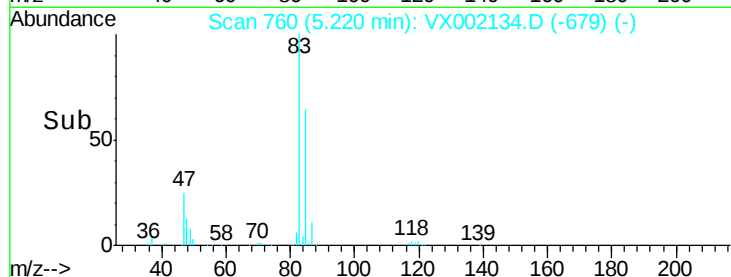
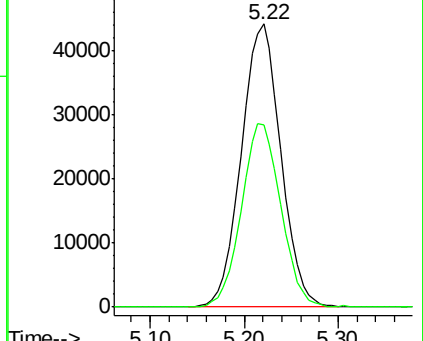
83 100

85 64.3 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.61 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

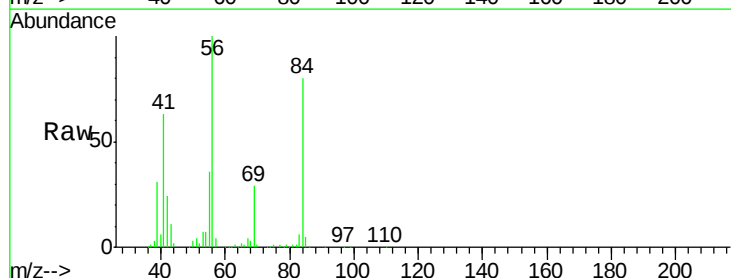
Tgt Ion: 56 Resp: 118919

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

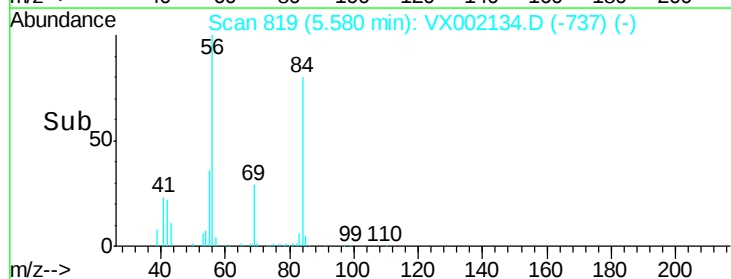
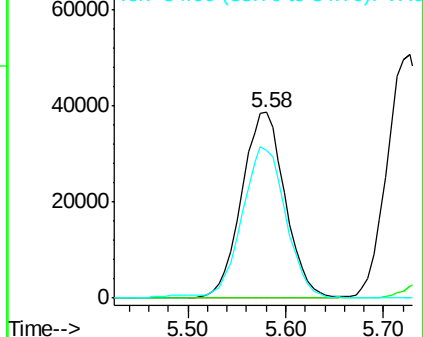
84 82.0 64.9 97.3

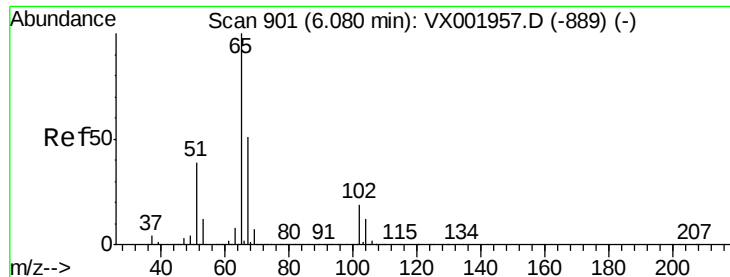


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.58 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

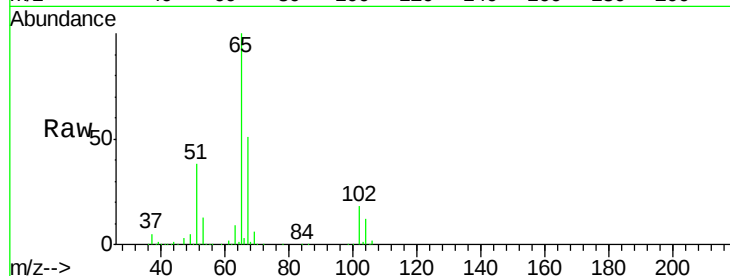
VSTDCCC020

Tgt Ion: 65 Resp: 144555

Ion Ratio Lower Upper

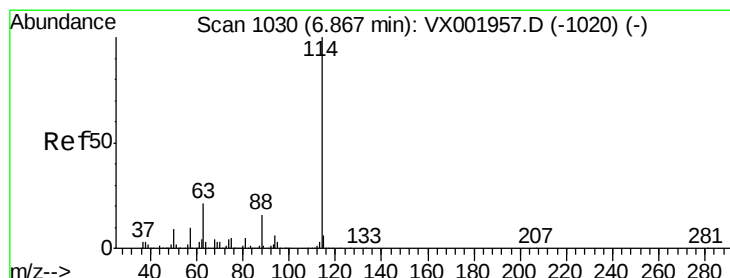
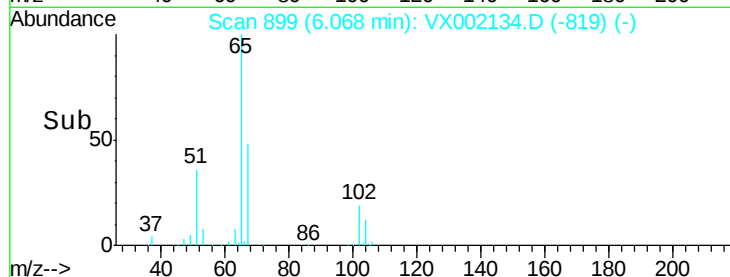
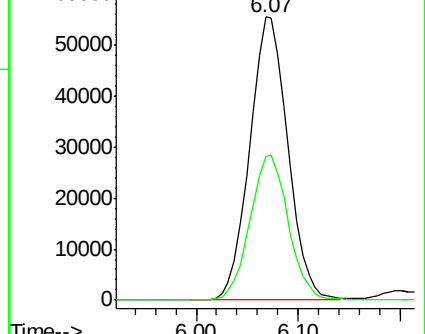
65 100

67 51.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

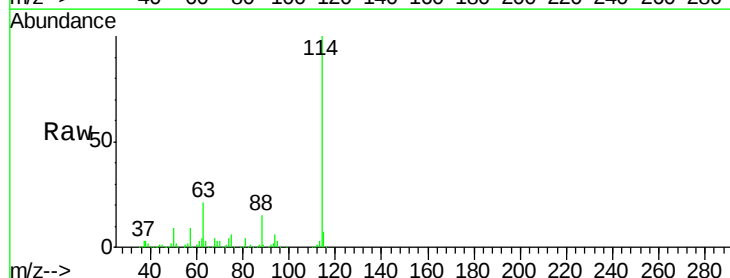
Tgt Ion: 114 Resp: 350222

Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

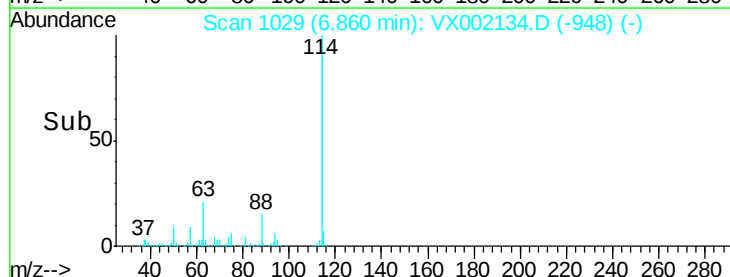
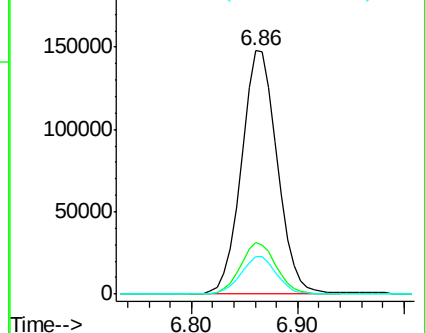
88 15.4 12.6 19.0

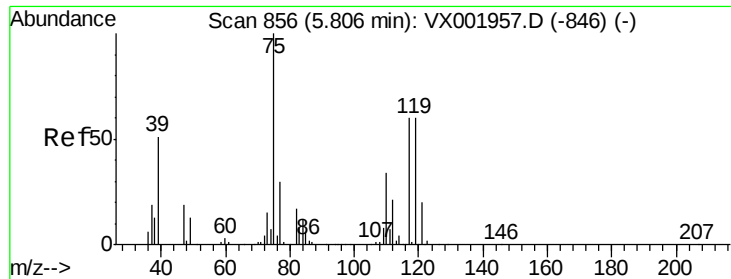


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

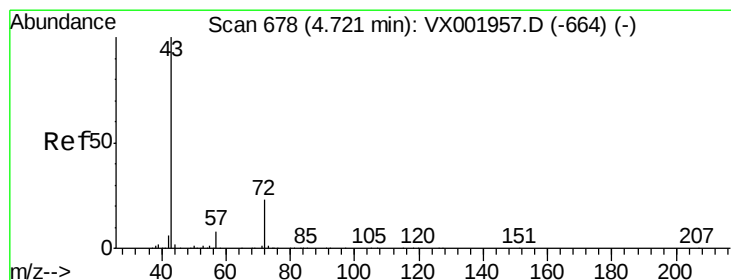
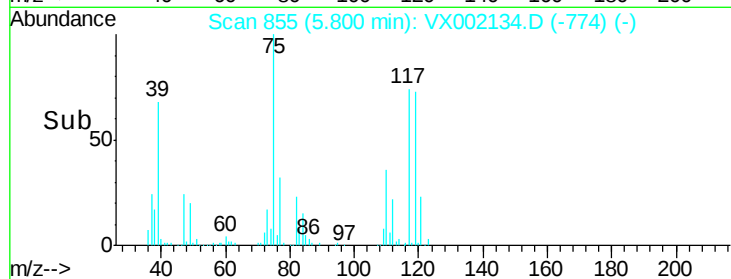
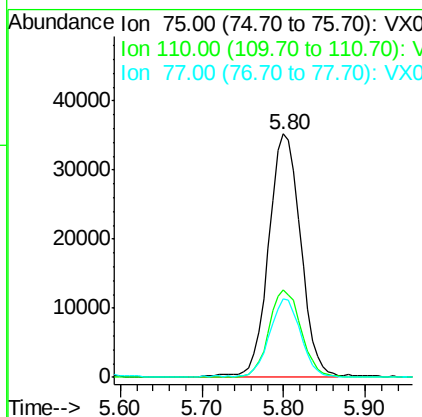
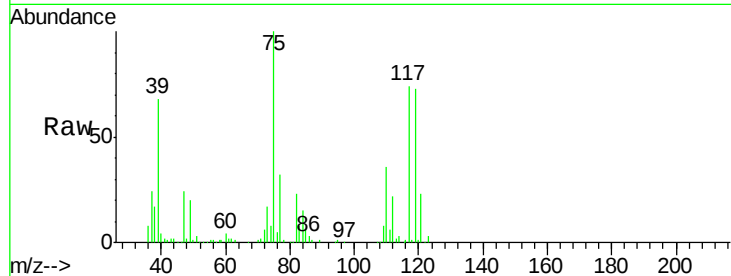




#29
 1,1-Dichloropropene
 Concen: 19.66 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

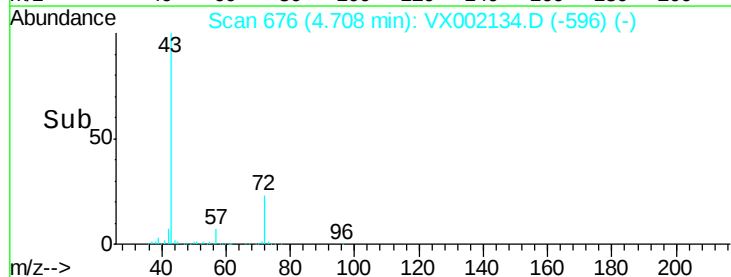
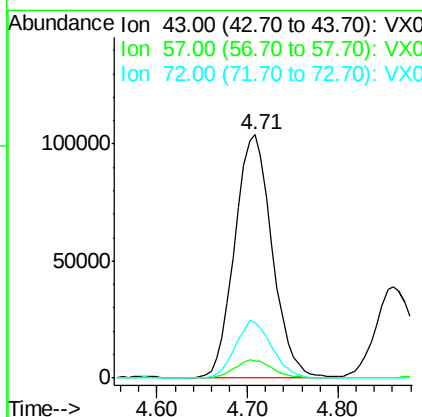
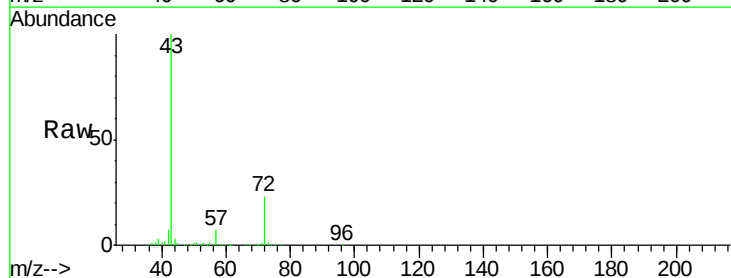
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

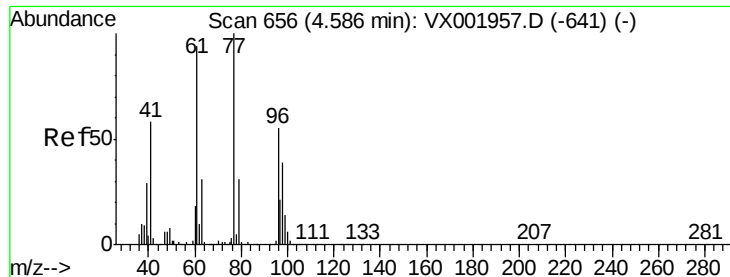
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.4
77	31.3	0.0	60.6



#30
 2-Butanone
 Concen: 86.72 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.1	9.1
72	23.0	18.1	27.1





#31

2,2-Dichloropropane

Concen: 26.29 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

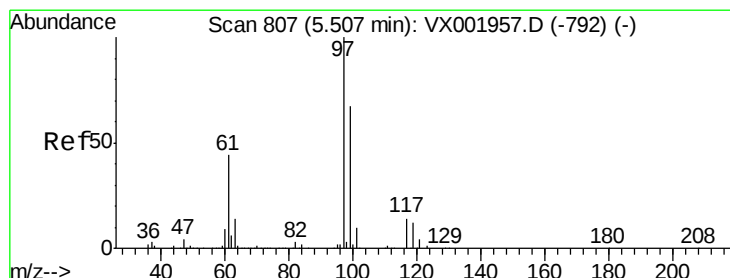
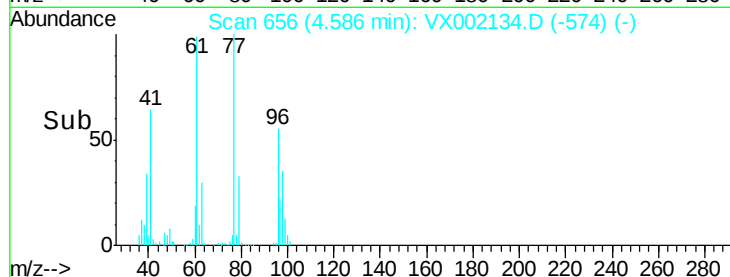
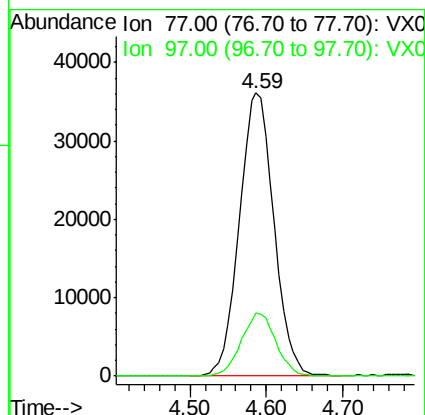
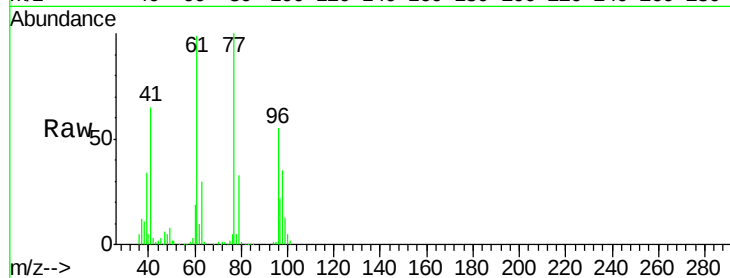
VSTDCCC020

Tgt Ion: 77 Resp: 113209

Ion Ratio Lower Upper

77 100

97 22.4 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 18.17 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

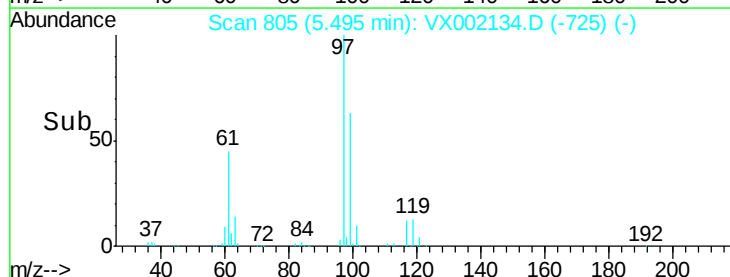
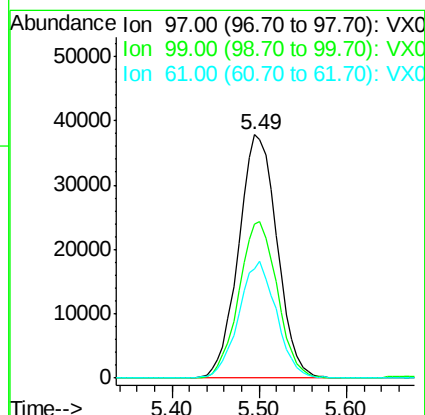
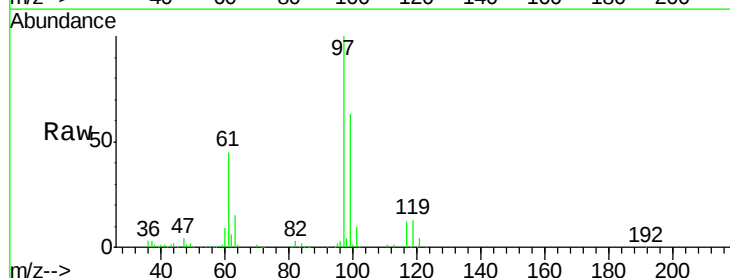
Tgt Ion: 97 Resp: 116276

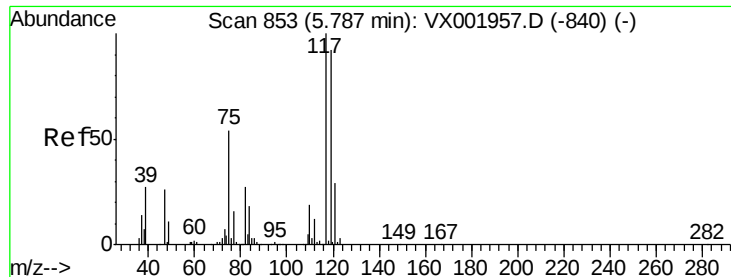
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 46.8 36.4 54.6





#33

Carbon Tetrachloride

Concen: 17.42 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

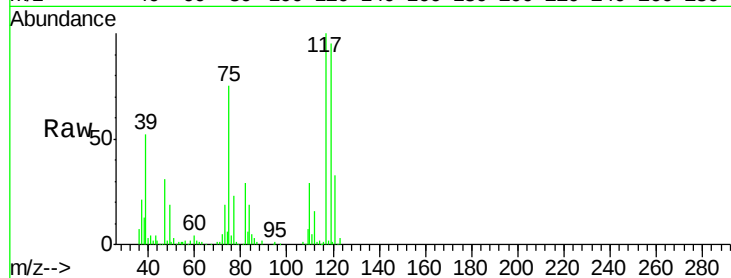
Tgt Ion: 117 Resp: 101292

Ion Ratio Lower Upper

117 100

119 95.0 73.3 109.9

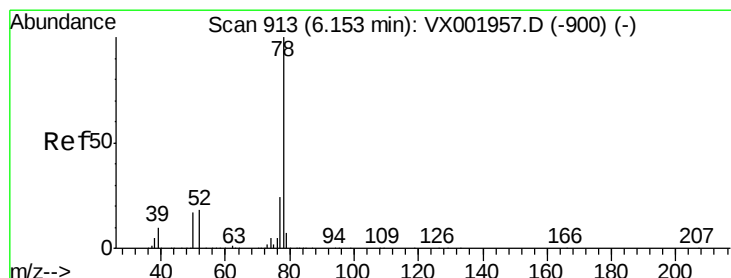
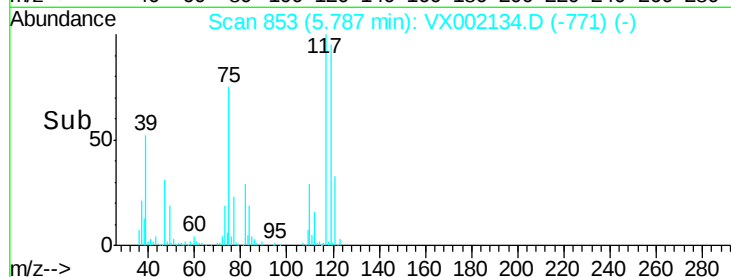
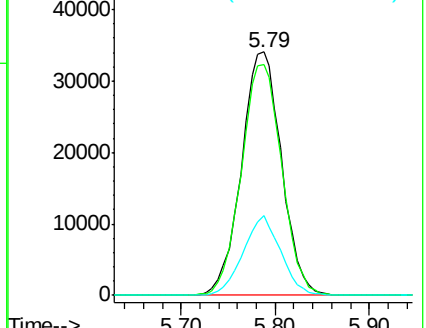
121 32.7 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.99 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

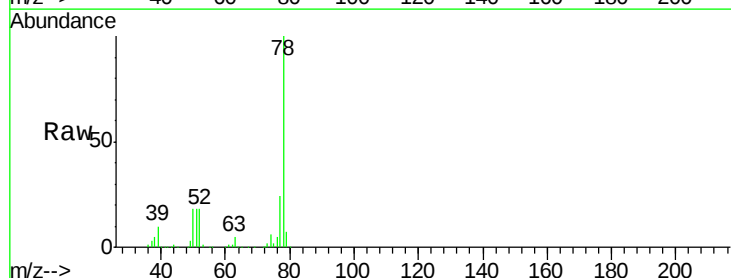
Tgt Ion: 78 Resp: 281030

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

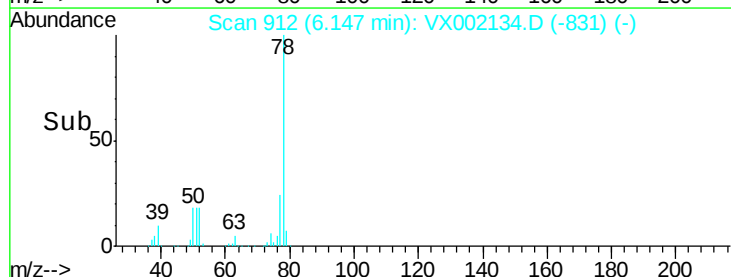
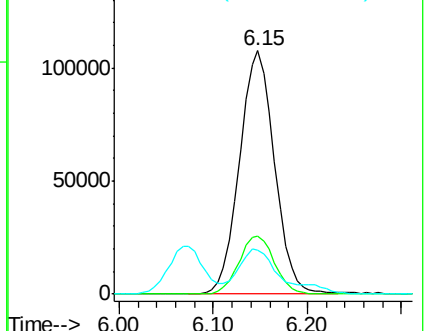
51 17.3 13.8 20.6

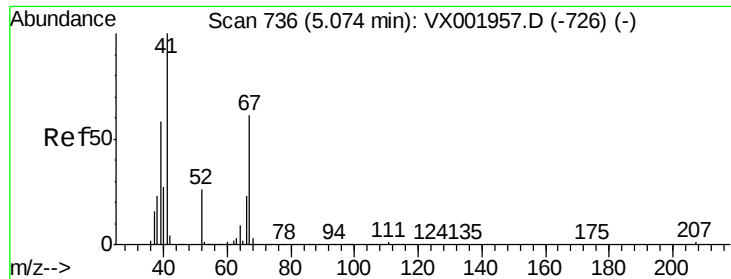


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

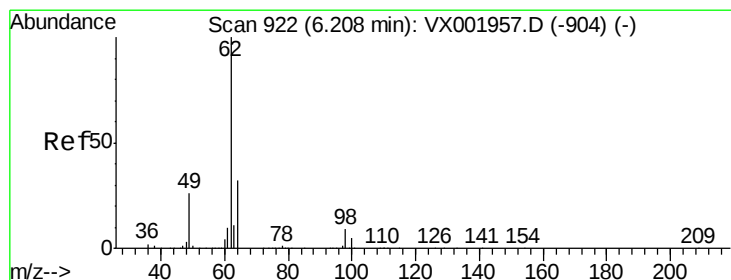
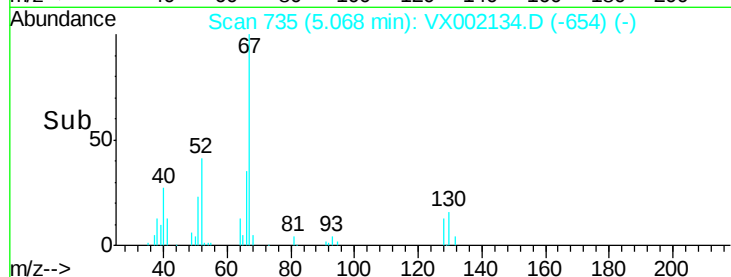
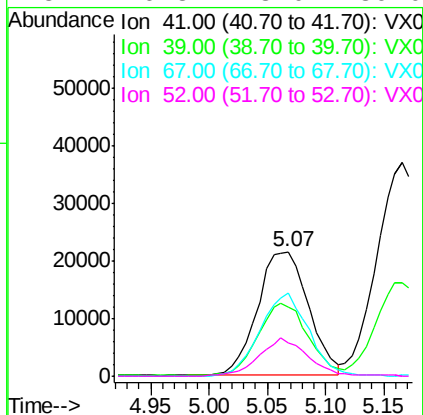
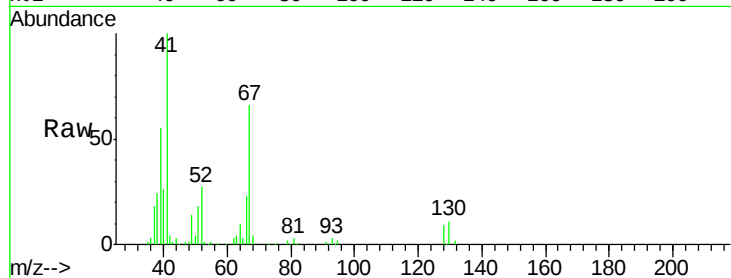




#35
Methacrylonitrile
Concen: 17.21 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

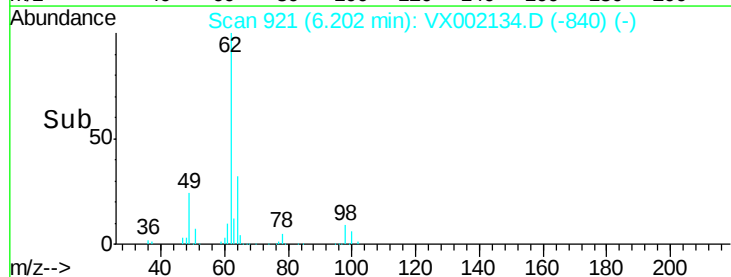
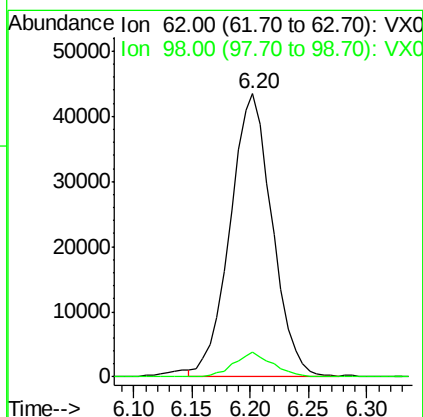
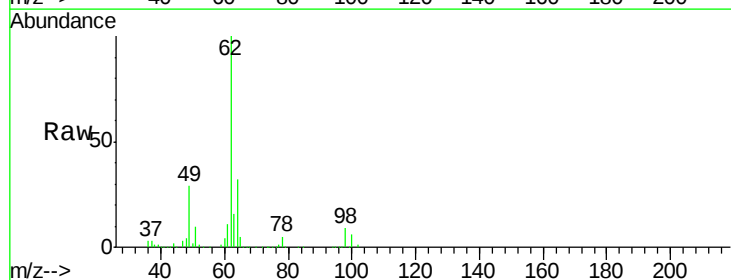
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

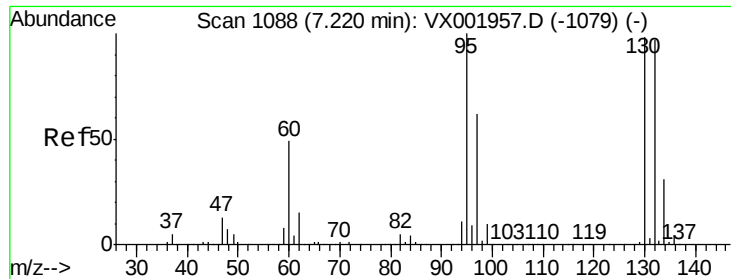
Tgt Ion:	41	Resp:	65121
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.8	86.5
67	66.8	30.4	91.2
52	26.8	13.0	39.0



#36
1,2-Dichloroethane
Concen: 18.78 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion:	62	Resp:	108249
Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.5	9.7

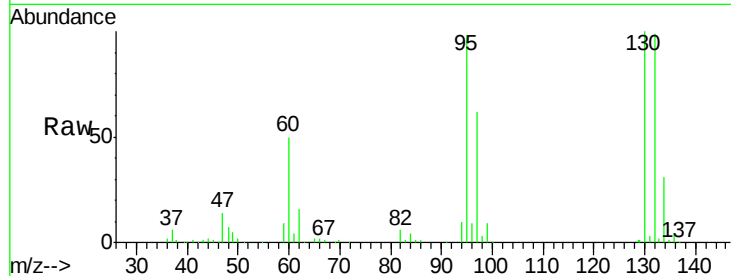




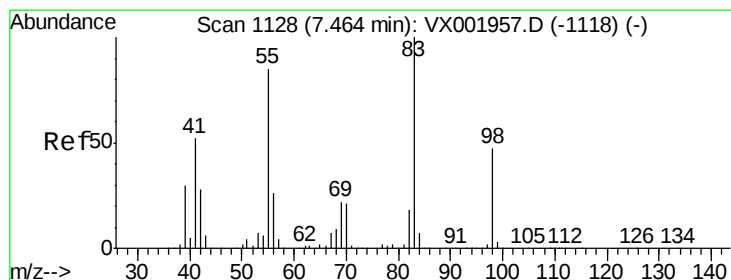
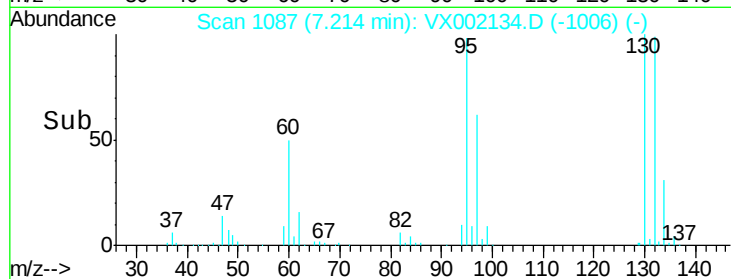
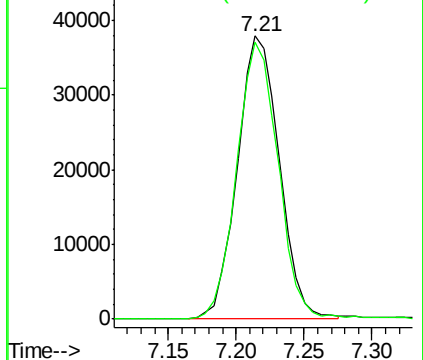
#37
 Trichloroethene
 Concen: 19.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 81282
 Ion Ratio Lower Upper
 130 100
 95 97.6 81.5 122.3

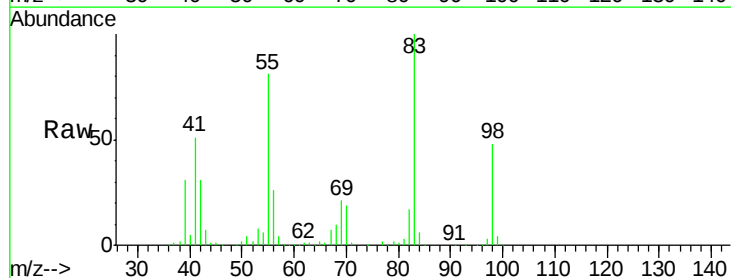


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

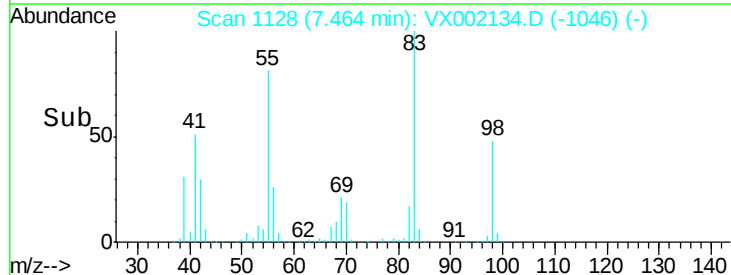
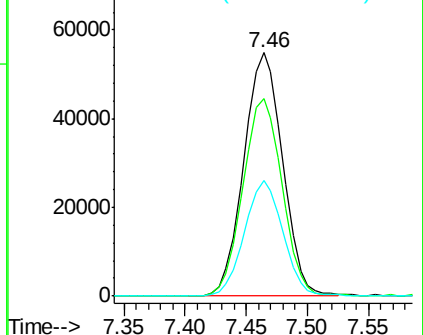


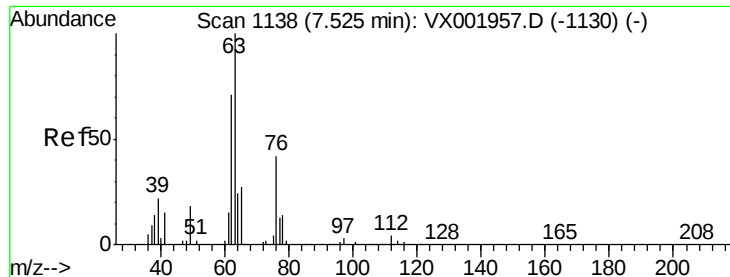
#38
 Methylcyclohexane
 Concen: 21.24 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion: 83 Resp: 121454
 Ion Ratio Lower Upper
 83 100
 55 81.2 40.6 121.8
 98 46.8 23.5 70.5



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

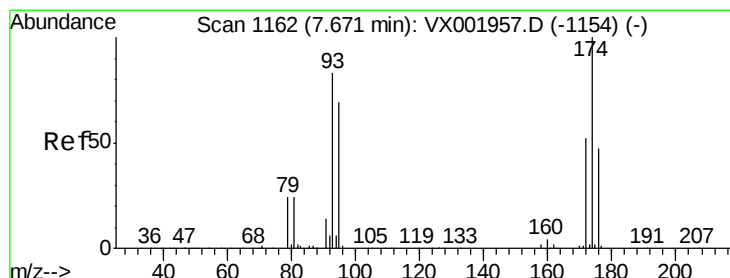
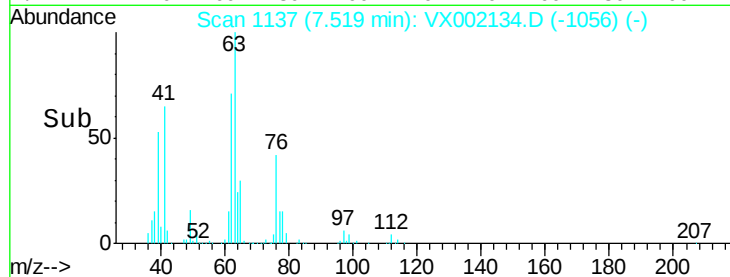
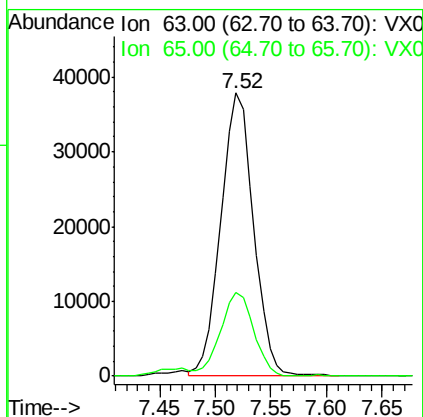
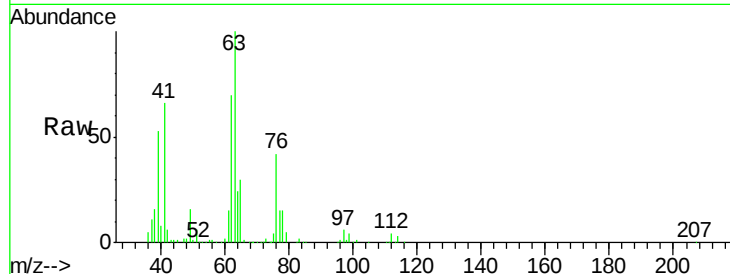




#39
 1,2-Dichloropropane
 Concen: 19.32 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

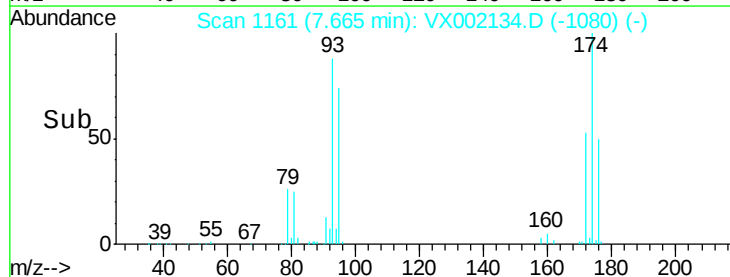
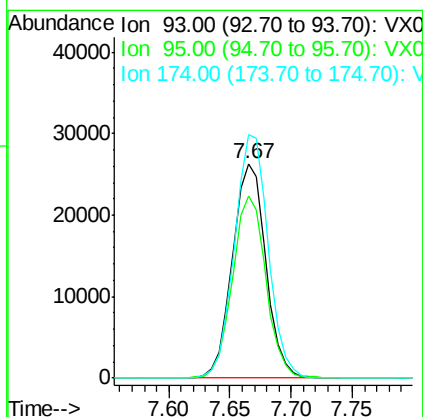
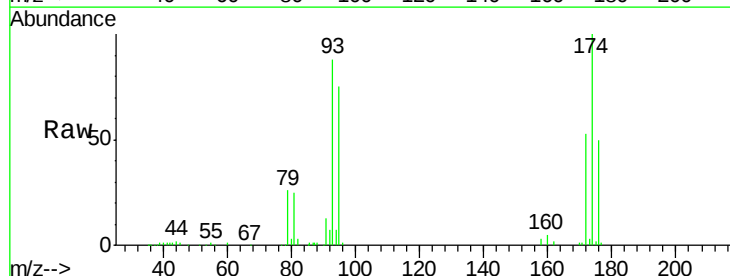
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

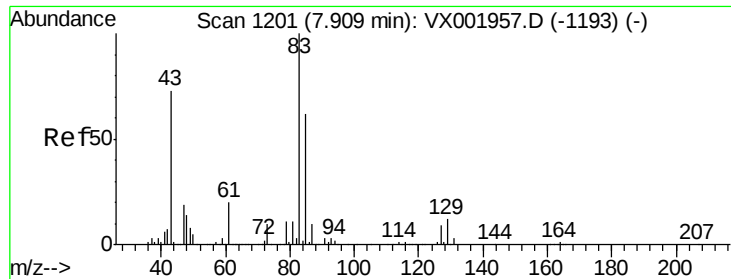
Tgt Ion: 63 Resp: 77297
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.3 34.9



#40
 Dibromomethane
 Concen: 18.50 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion: 93 Resp: 49658
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 162.6
 174 114.9 0.0 229.4





#41

Bromodichloromethane

Concen: 17.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

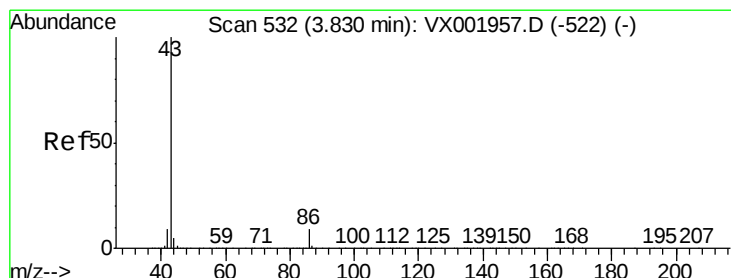
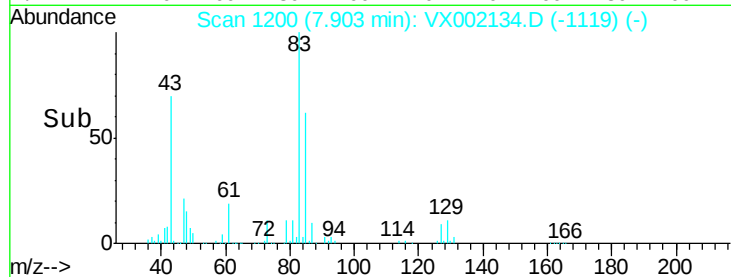
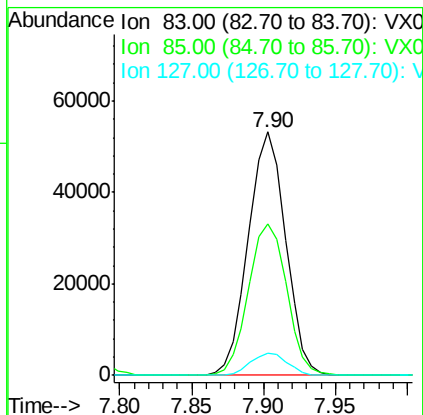
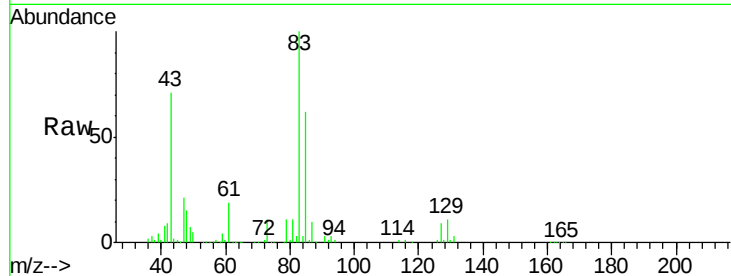
Tgt Ion: 83 Resp: 95710

Ion Ratio Lower Upper

83 100

85 62.4 49.8 74.8

127 8.9 7.3 10.9



#42

Vinyl Acetate

Concen: 107.24 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002134.D

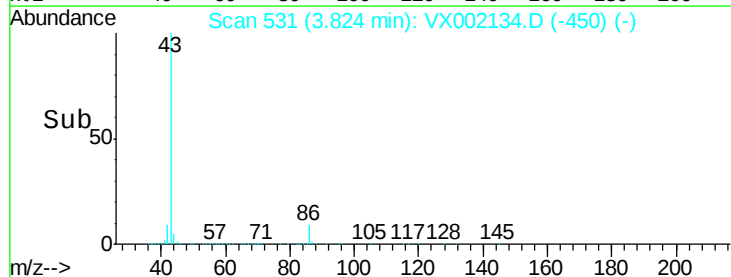
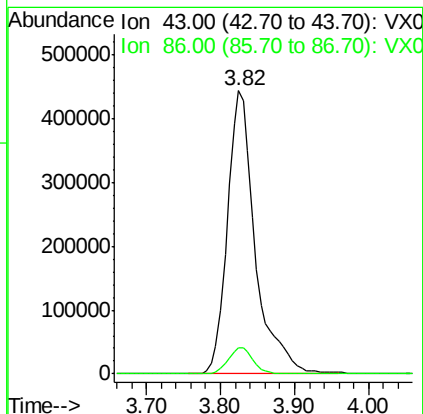
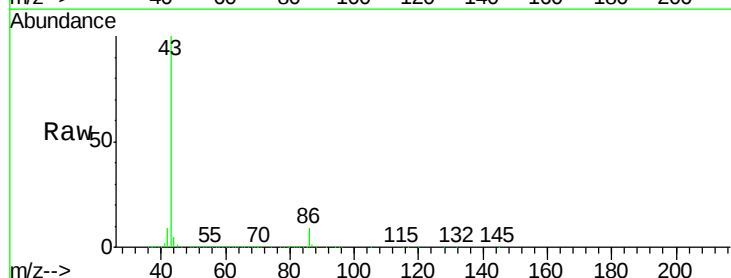
Acq: 30 May 2018 11:33

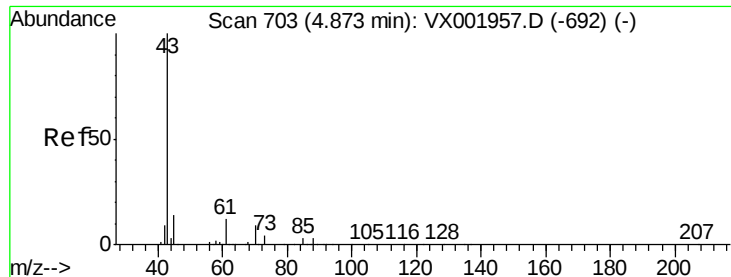
Tgt Ion: 43 Resp: 1159601

Ion Ratio Lower Upper

43 100

86 8.2 6.7 10.1

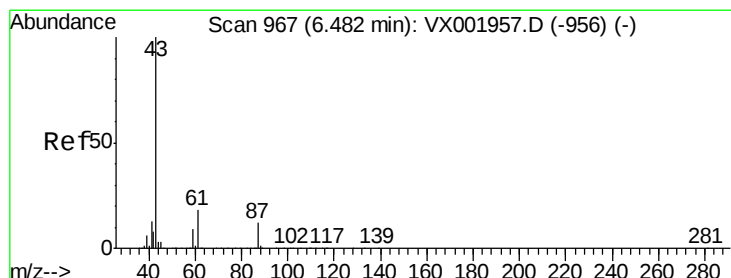
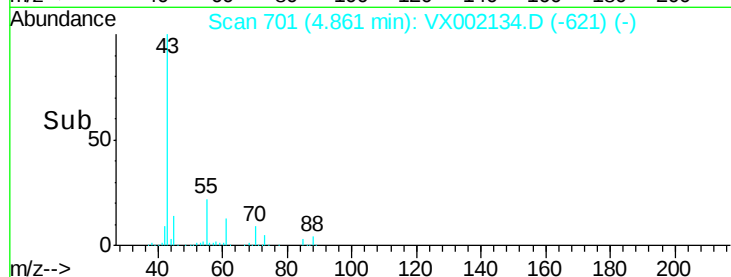
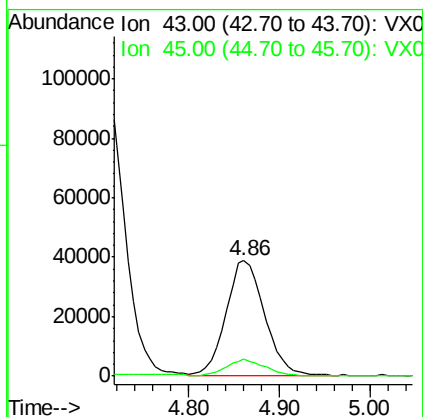
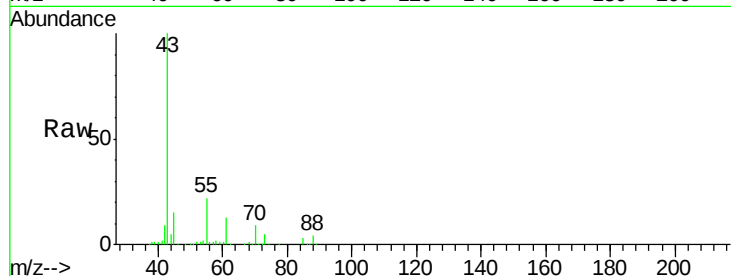




#43
Ethyl Acetate
Concen: 17.04 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

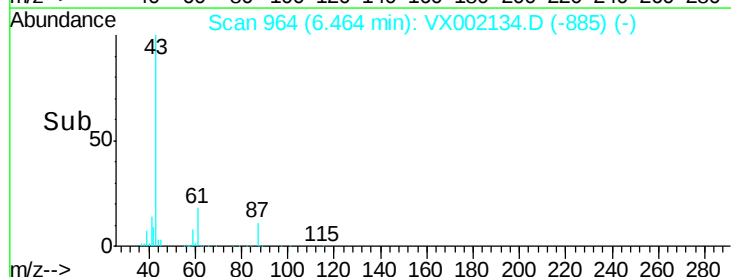
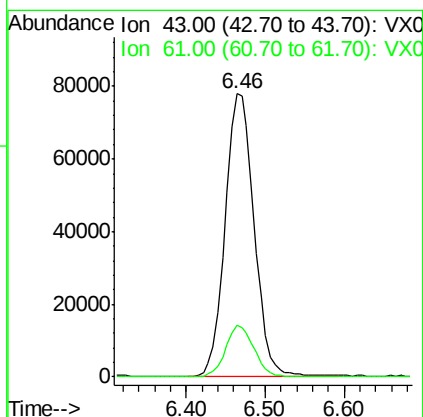
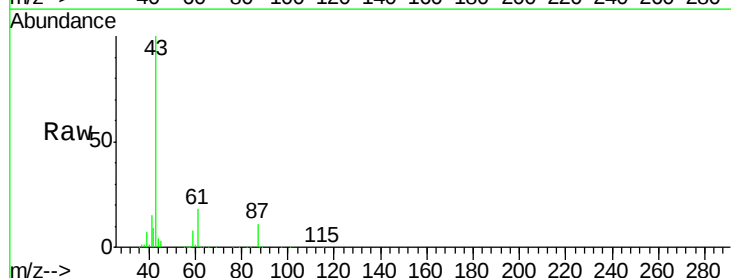
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

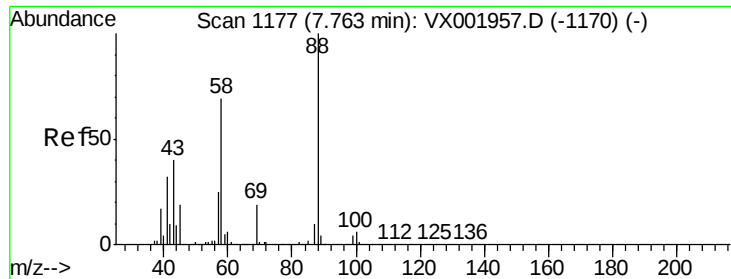
Tgt Ion: 43 Resp: 114342
Ion Ratio Lower Upper
43 100
45 14.1 11.0 16.4



#44
Isopropyl Acetate
Concen: 17.74 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.02 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 43 Resp: 197897
Ion Ratio Lower Upper
43 100
61 17.9 14.5 21.7

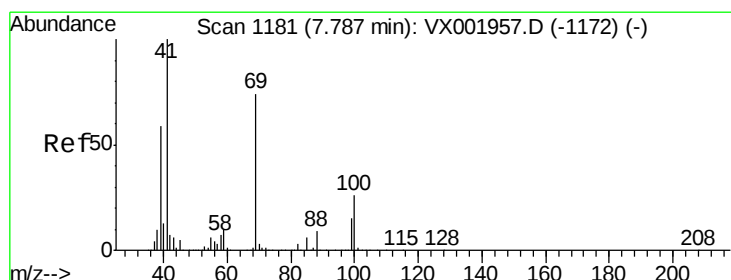
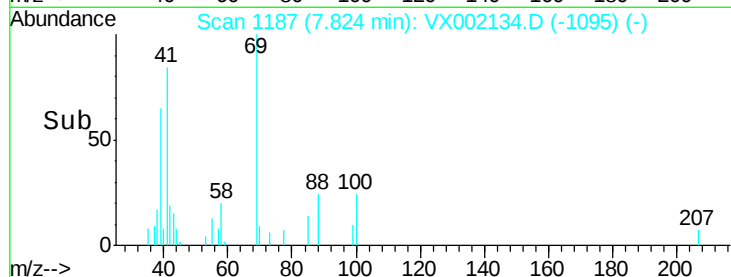
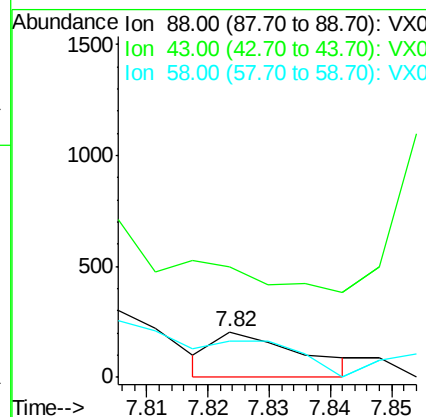
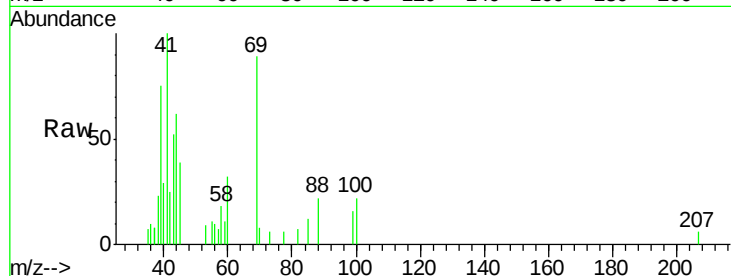




#45
1,4-Dioxane
Concen: 1.90 ug/l
RT: 7.82 min Scan# 1187
Delta R.T. 0.06 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

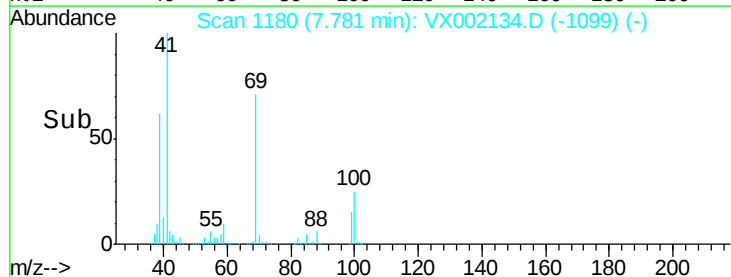
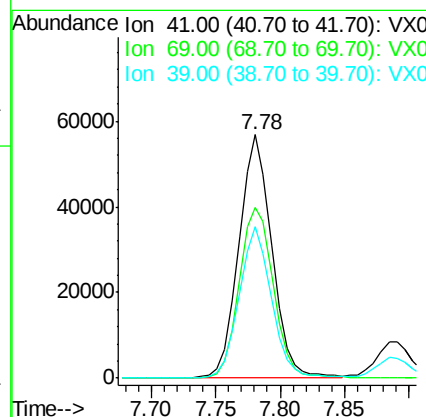
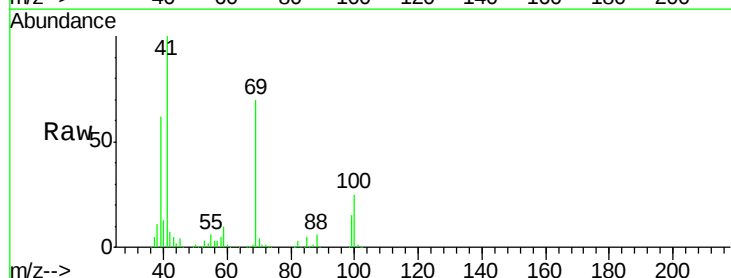
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

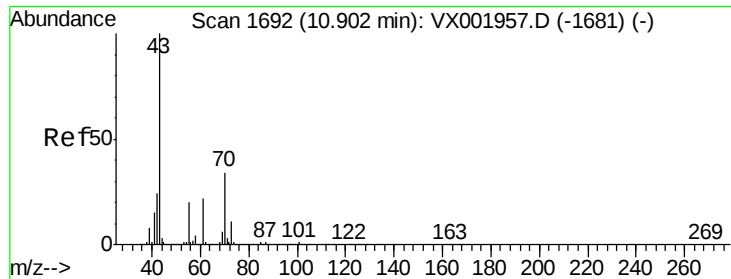
Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 60.9 43.2 64.8
58 78.7 60.2 90.2



#46
Methyl methacrylate
Concen: 17.69 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 41 Resp: 99927
Ion Ratio Lower Upper
41 100
69 70.5 37.0 110.9
39 62.0 29.6 88.9





#47

n-amyl Acetate

Concen: 18.00 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

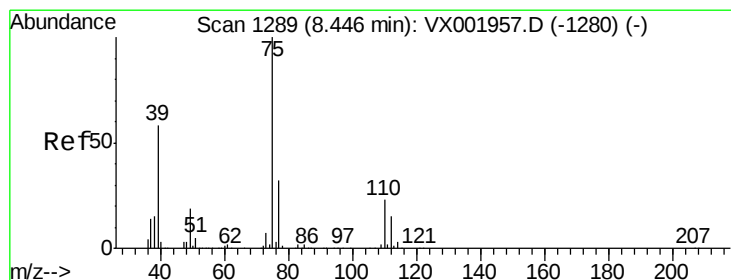
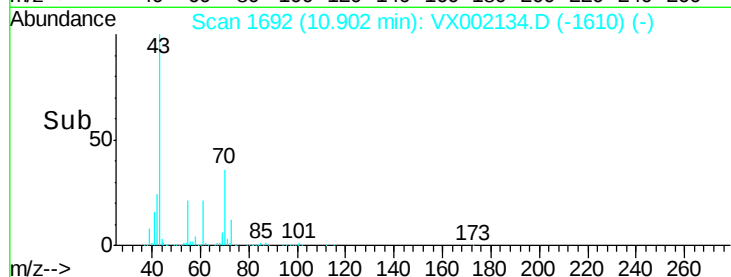
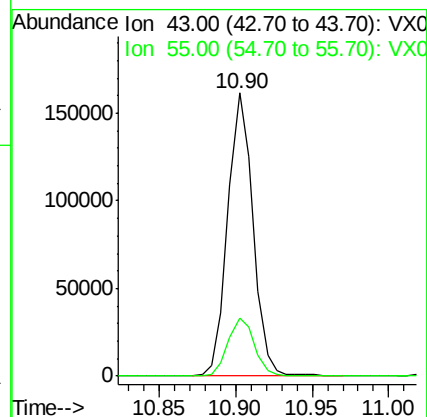
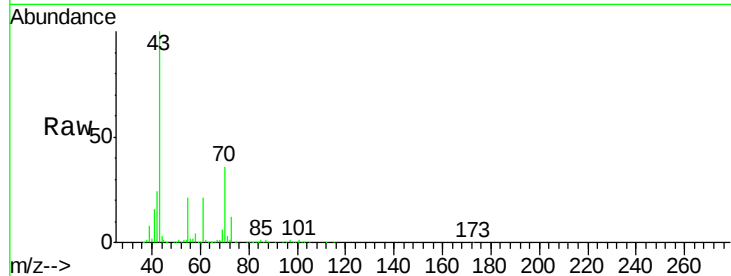
VSTDCCC020

Tgt Ion: 43 Resp: 184762

Ion Ratio Lower Upper

43 100

55 21.4 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 18.75 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX002134.D

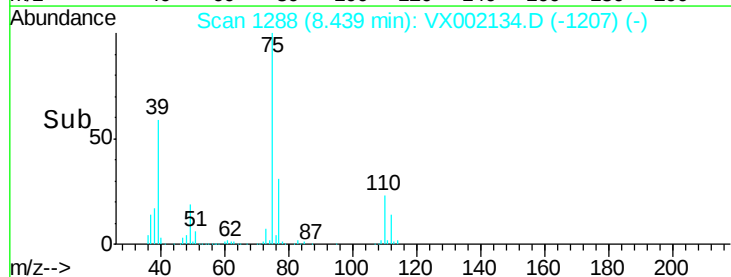
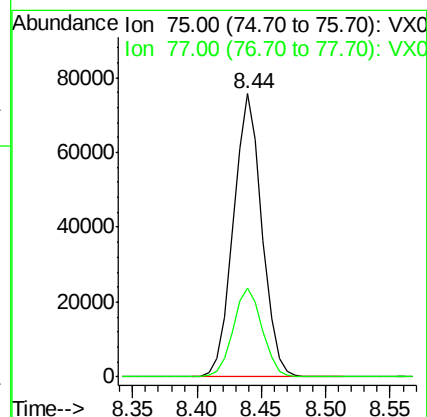
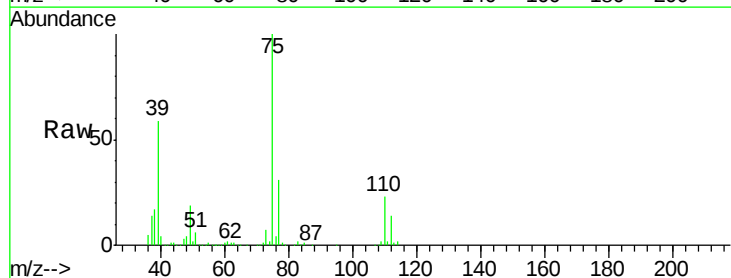
Acq: 30 May 2018 11:33

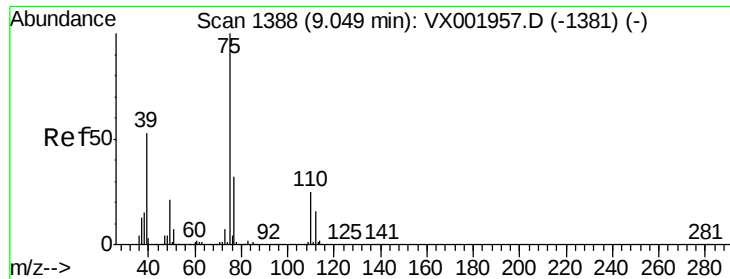
Tgt Ion: 75 Resp: 117307

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 17.89 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

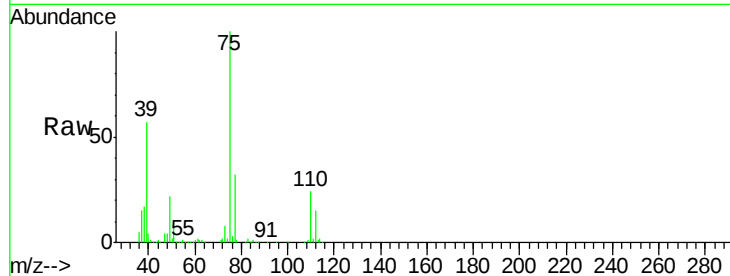
Tgt Ion: 75 Resp: 108347

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

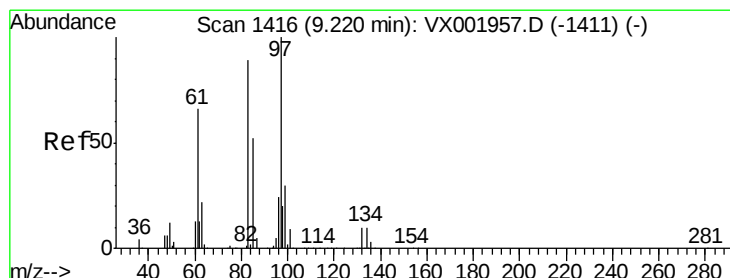
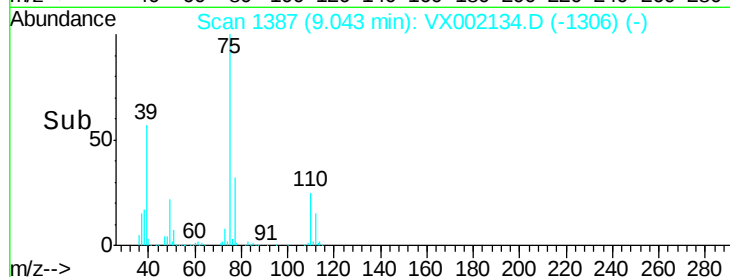
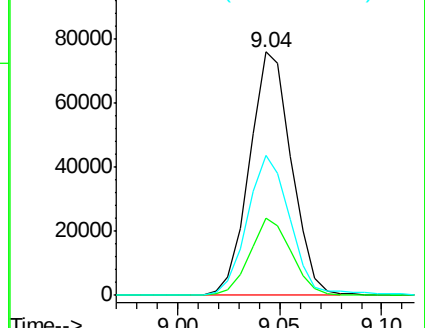
39 57.1 42.3 63.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 19.32 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Tgt Ion: 97 Resp: 74462

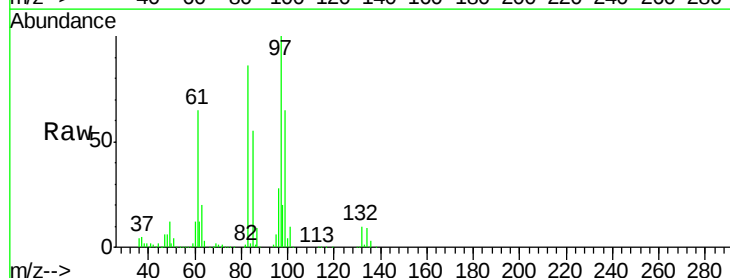
Ion Ratio Lower Upper

97 100

83 85.6 70.8 106.2

85 55.2 43.5 65.3

99 65.2 50.9 76.3

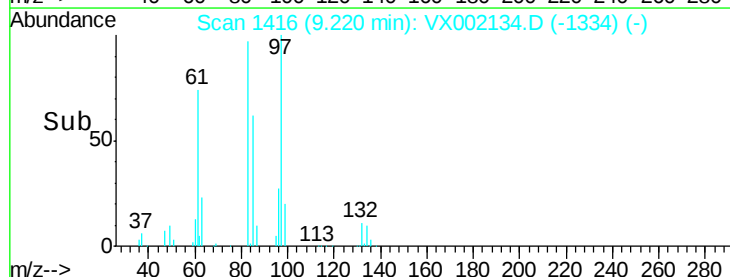
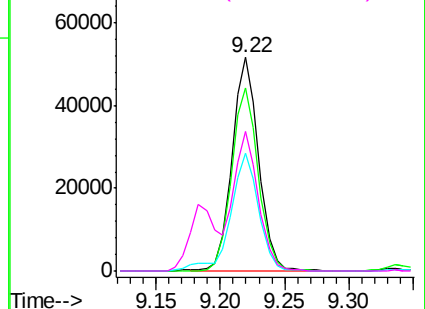


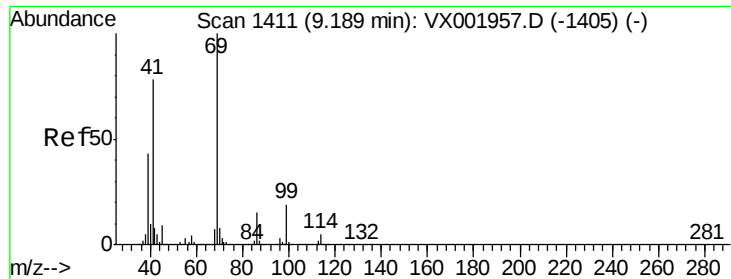
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.05 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

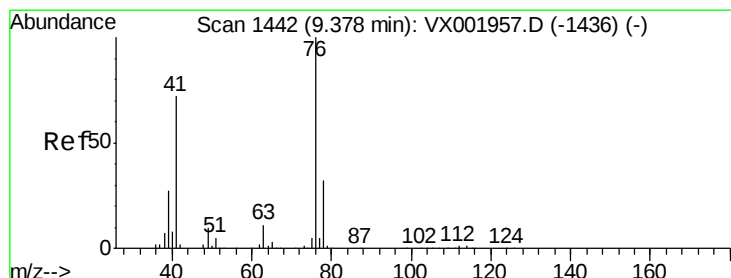
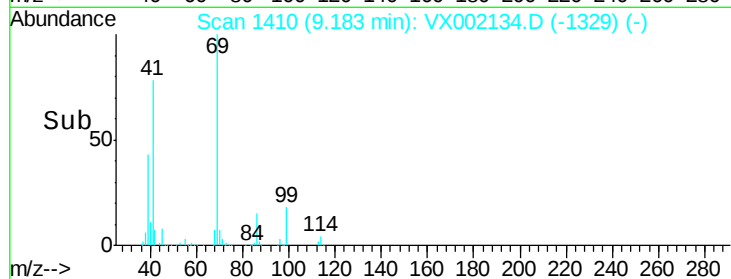
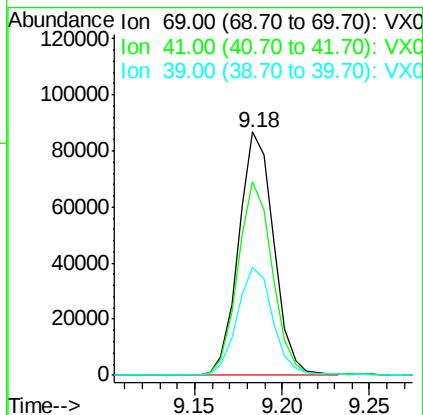
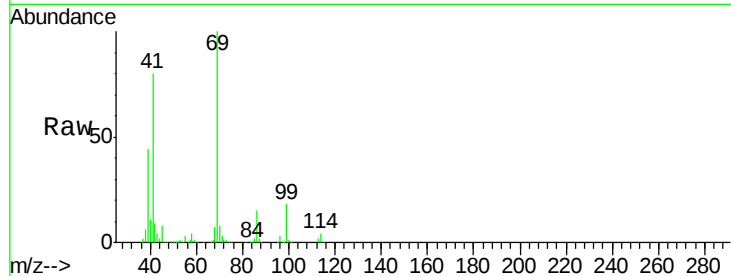
Tgt Ion: 69 Resp: 120471

Ion Ratio Lower Upper

69 100

41 79.6 39.1 117.3

39 44.0 21.7 65.1



#52

1,3-Dichloropropane

Concen: 19.13 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002134.D

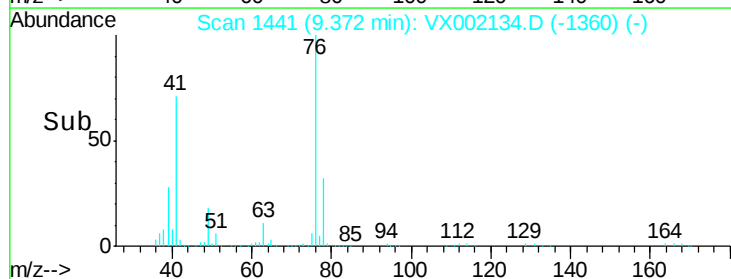
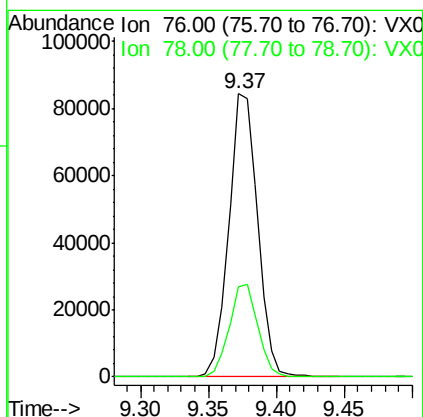
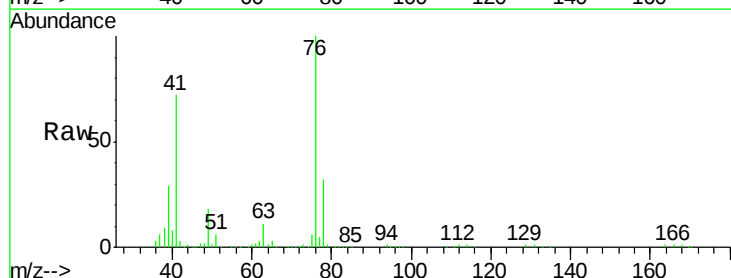
Acq: 30 May 2018 11:33

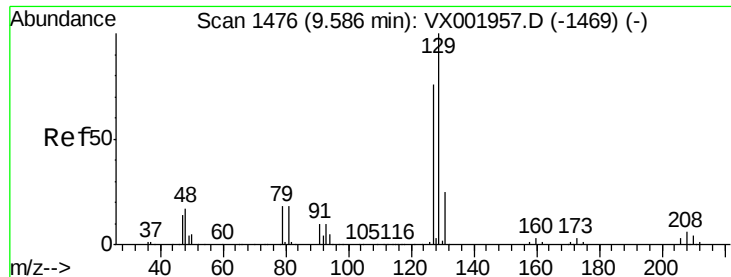
Tgt Ion: 76 Resp: 124325

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.4





#53

Dibromochloromethane

Concen: 16.22 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

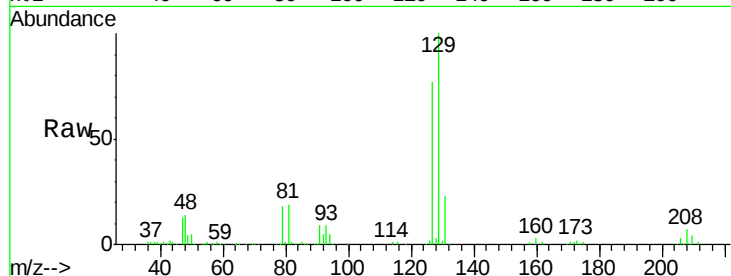
VSTDCCC020

Tgt Ion:129 Resp: 76374

Ion Ratio Lower Upper

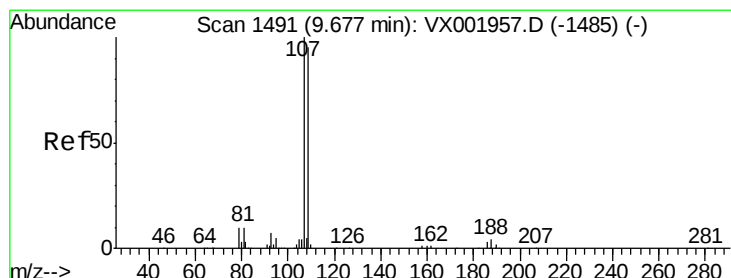
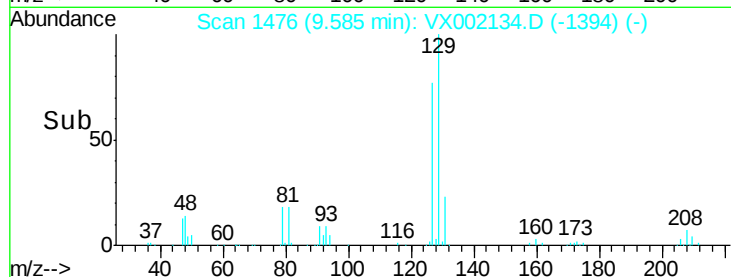
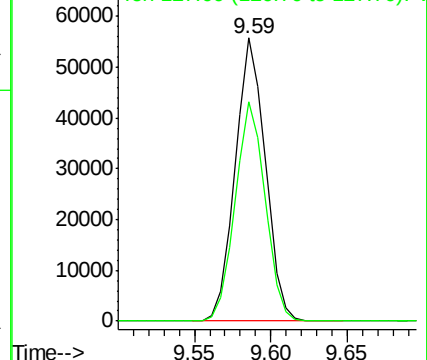
129 100

127 76.9 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002134.D

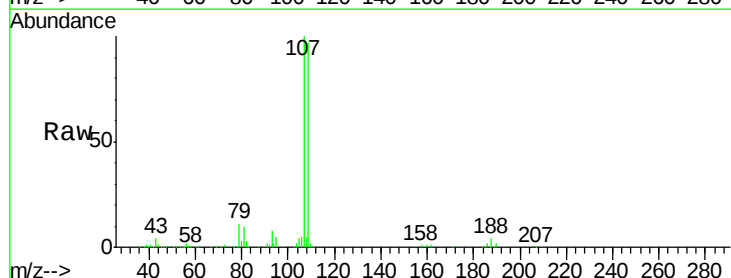
Acq: 30 May 2018 11:33

Tgt Ion:107 Resp: 76672

Ion Ratio Lower Upper

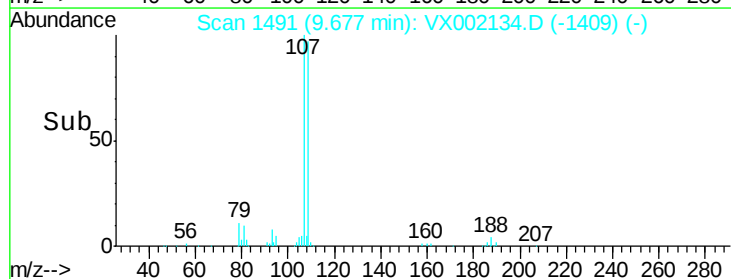
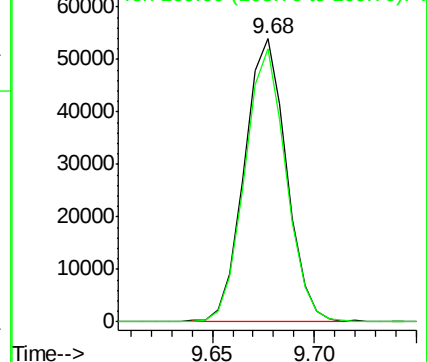
107 100

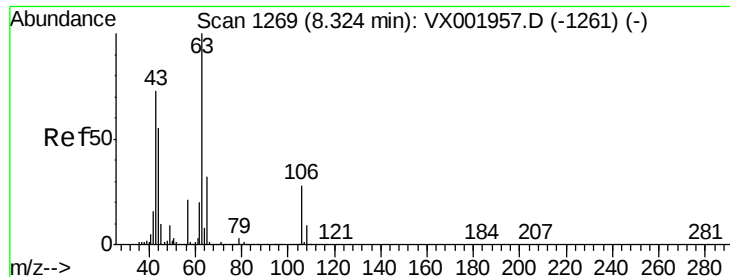
109 95.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 117.07 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

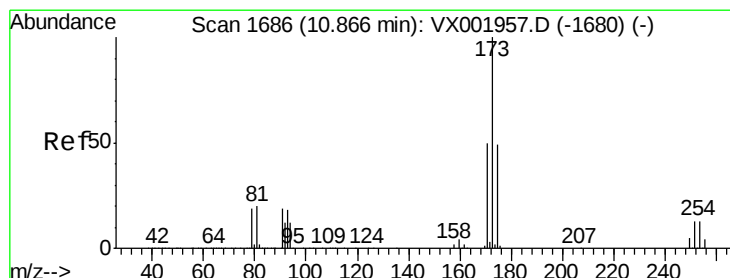
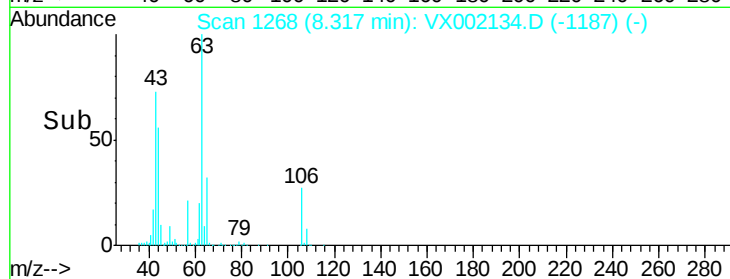
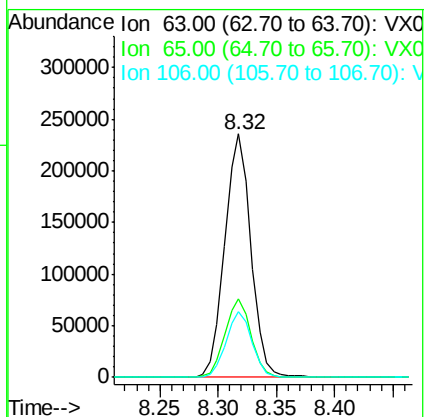
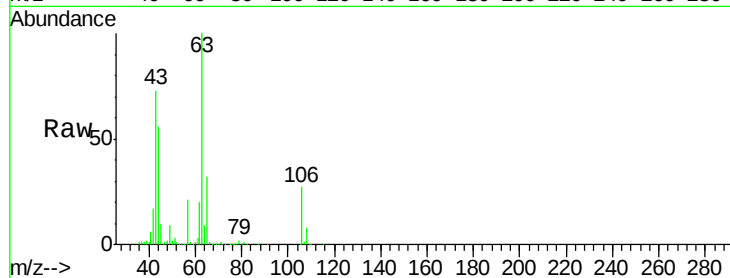
Tgt Ion: 63 Resp: 366784

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 26.7 21.6 32.4



#56

Bromoform

Concen: 14.26 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

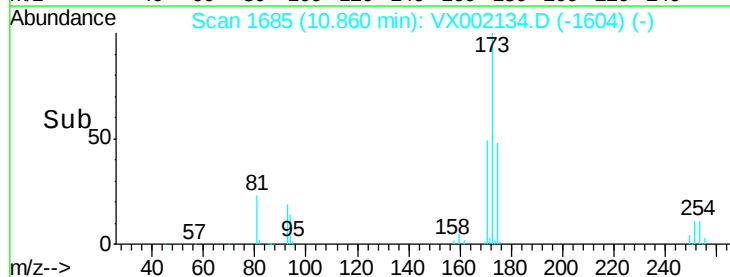
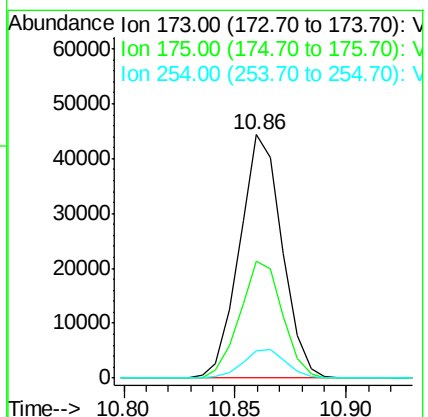
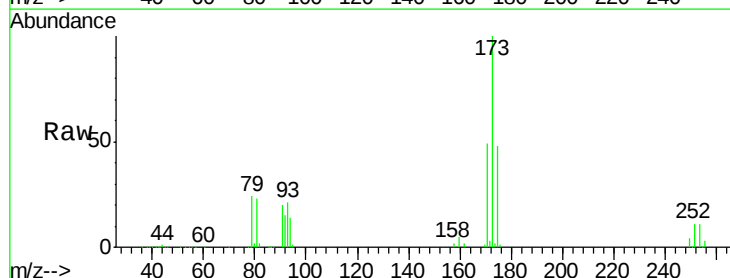
Tgt Ion: 173 Resp: 59040

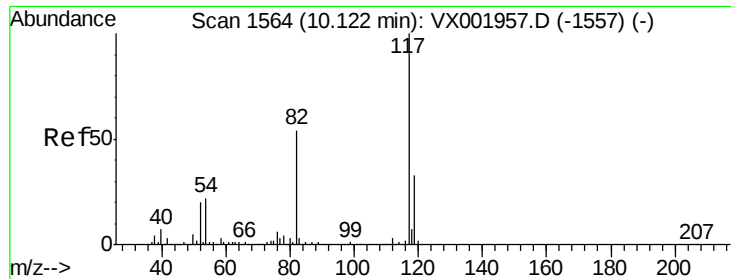
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.4

254 12.1 9.6 14.4

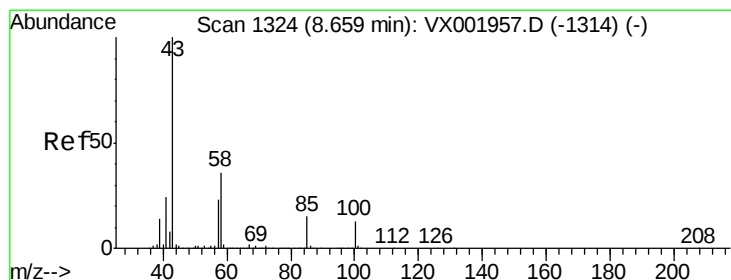
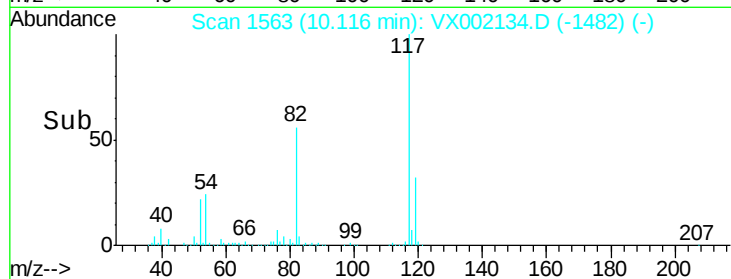
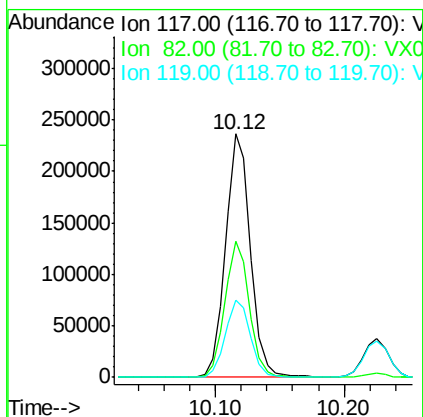
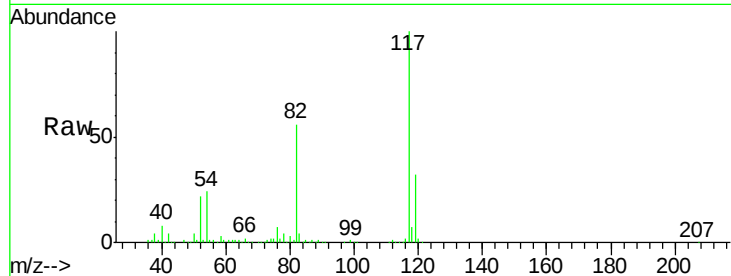




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

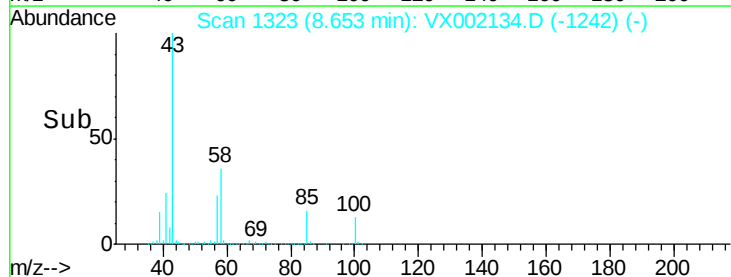
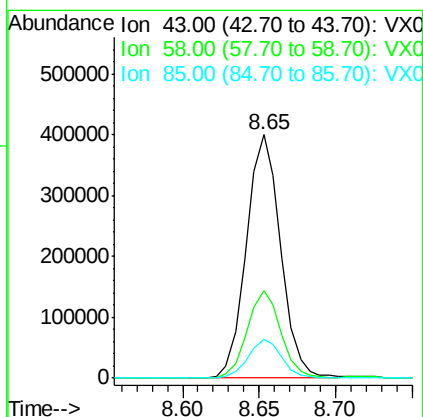
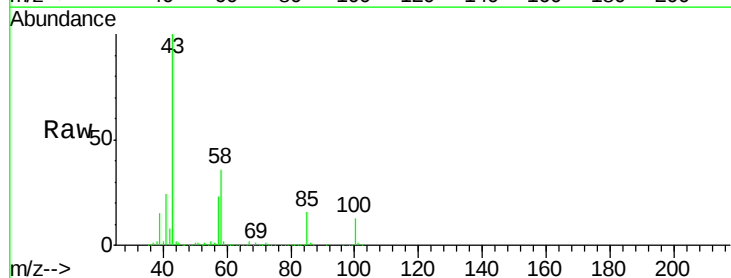
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

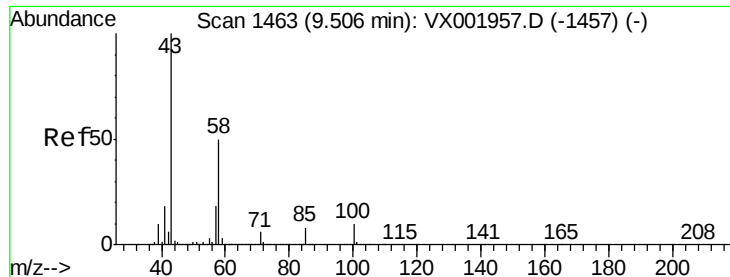
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	32.3	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 88.91 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.2	42.4
85	15.8	12.4	18.6

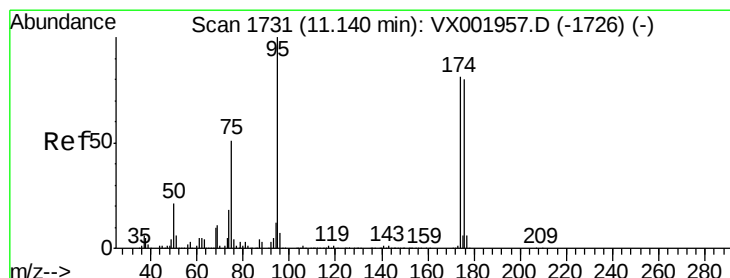
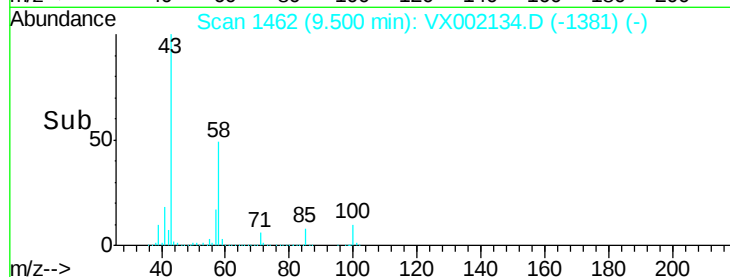
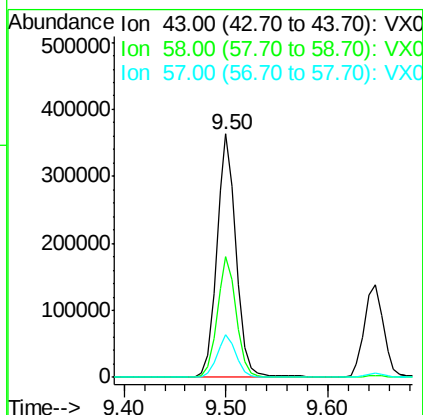
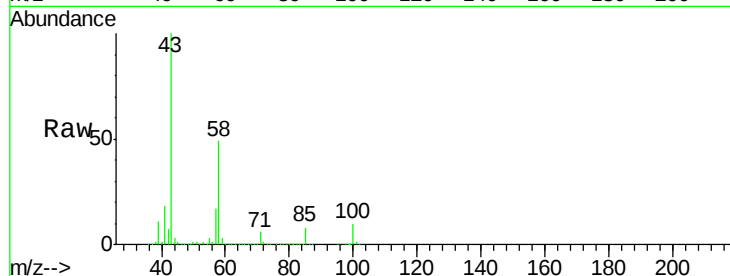




#59
2-Hexanone
Concen: 88.72 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

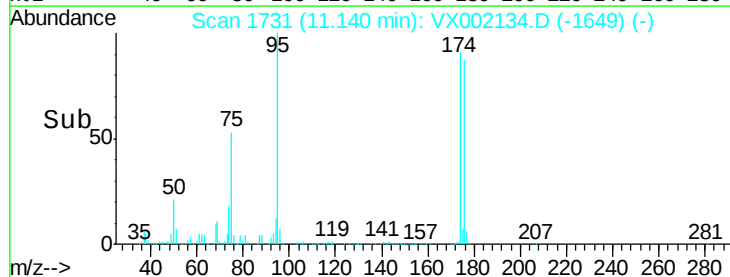
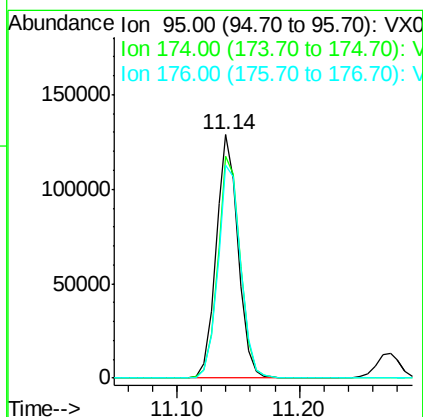
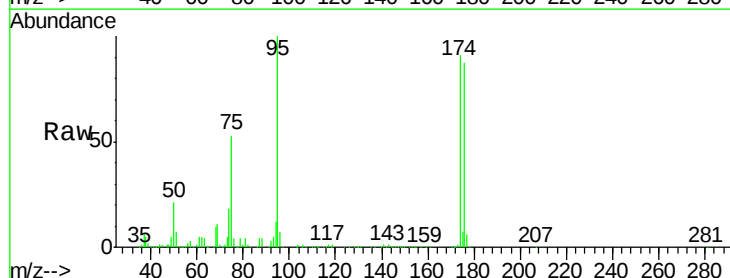
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

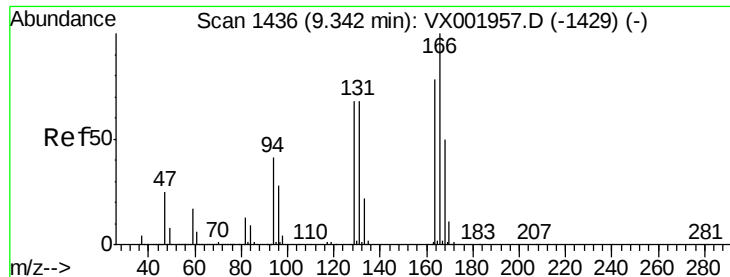
Tgt Ion: 43 Resp: 480392
Ion Ratio Lower Upper
43 100
58 49.1 39.6 59.4
57 17.2 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 95 Resp: 161417
Ion Ratio Lower Upper
95 100
174 92.8 71.8 107.6
176 90.1 70.1 105.1





#61

Tetrachloroethene

Concen: 19.10 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 93419

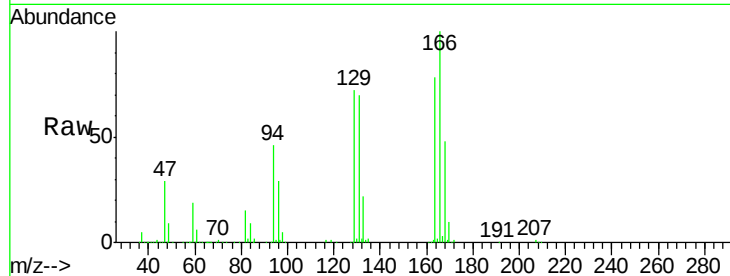
Ion Ratio Lower Upper

164 100

166 127.6 102.4 153.6

129 92.2 70.1 105.1

131 89.8 69.1 103.7

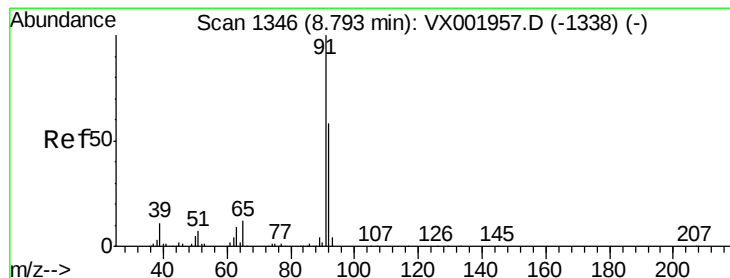
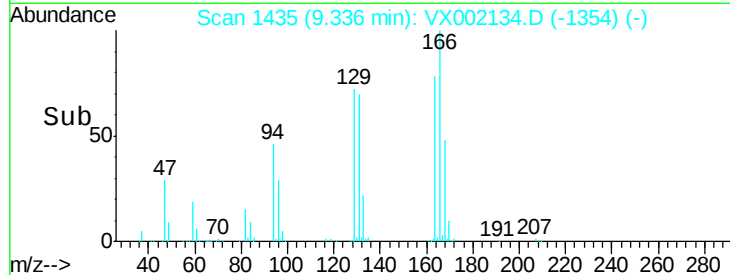
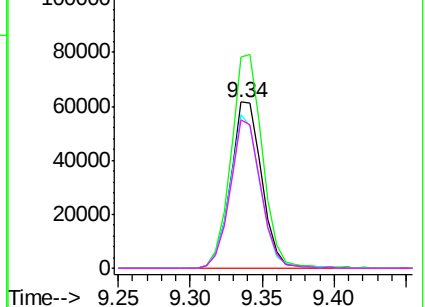


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.63 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002134.D

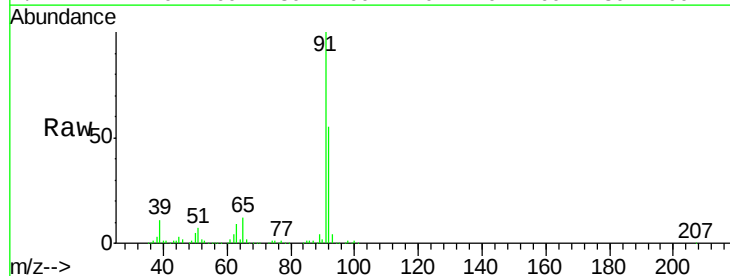
Acq: 30 May 2018 11:33

Tgt Ion: 91 Resp: 321489

Ion Ratio Lower Upper

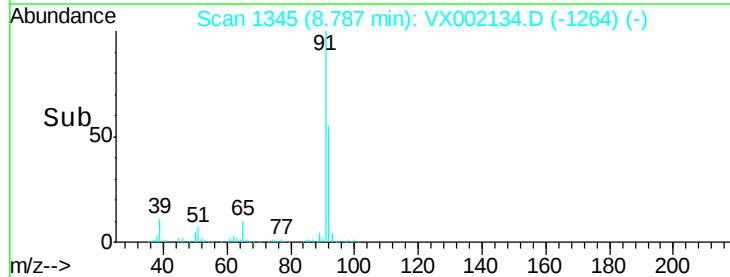
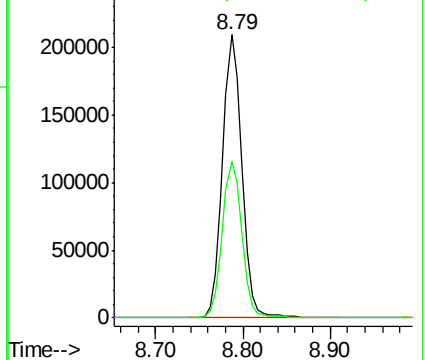
91 100

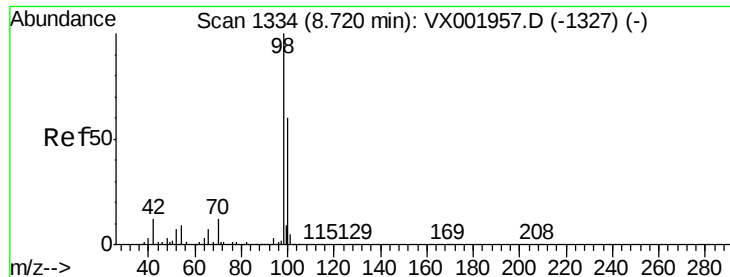
92 55.4 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.05 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

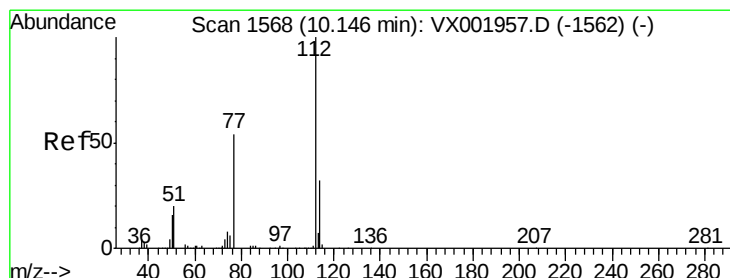
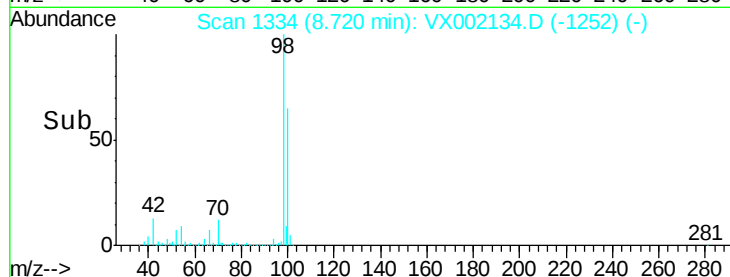
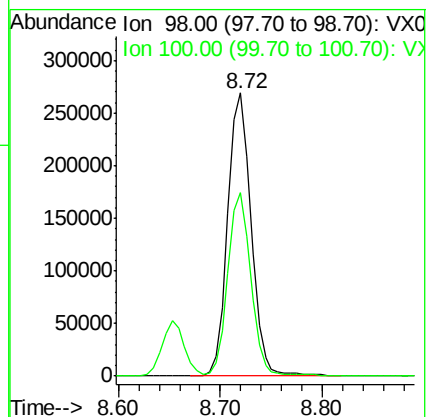
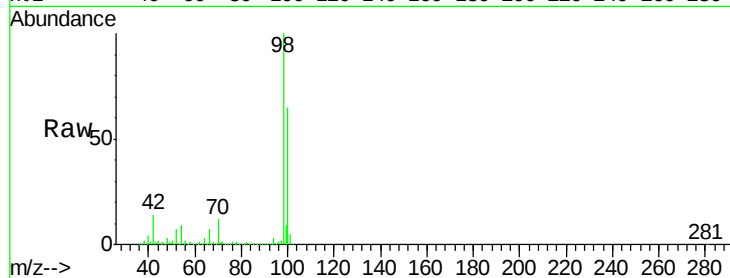
VSTDCCC020

Tgt Ion: 98 Resp: 429529

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



#64

Chlorobenzene

Concen: 19.55 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002134.D

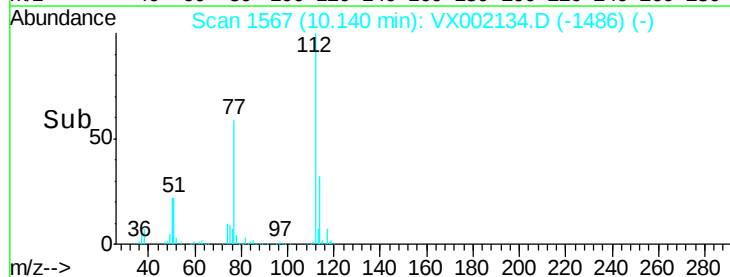
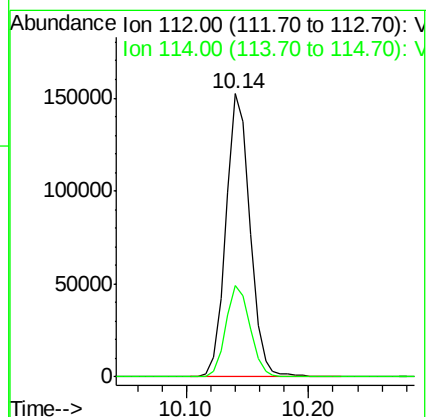
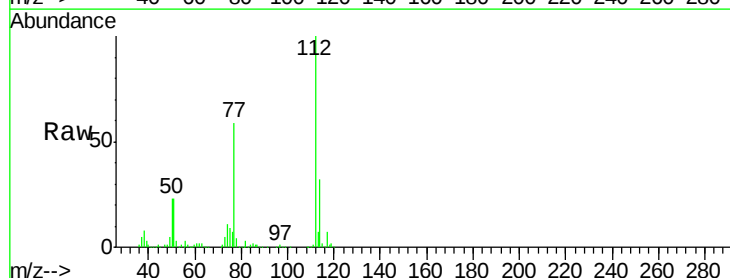
Acq: 30 May 2018 11:33

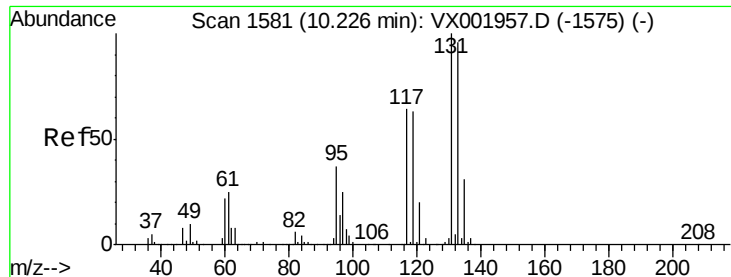
Tgt Ion: 112 Resp: 207201

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 17.91 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

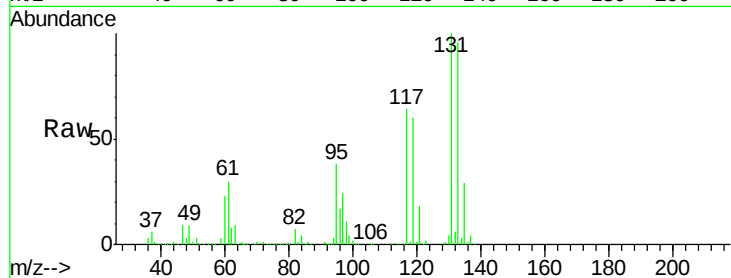
Tgt Ion:131 Resp: 77256

Ion Ratio Lower Upper

131 100

133 95.9 0.0 191.2

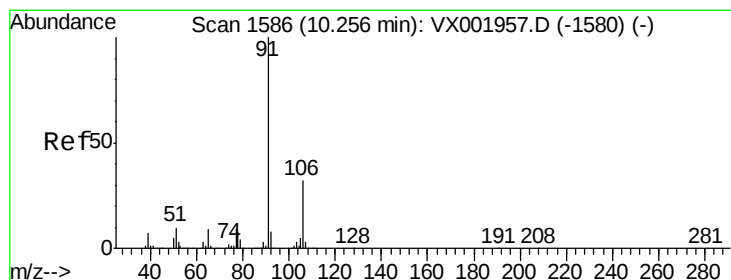
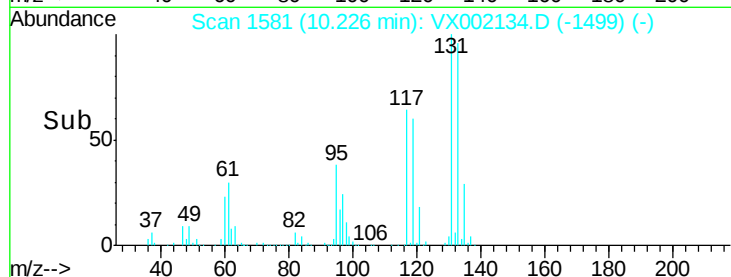
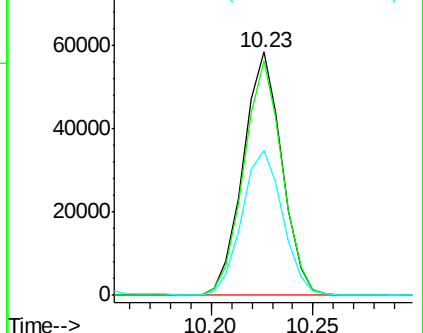
119 62.8 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.68 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002134.D

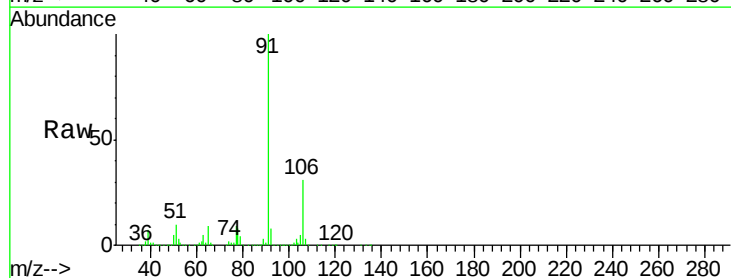
Acq: 30 May 2018 11:33

Tgt Ion: 91 Resp: 362235

Ion Ratio Lower Upper

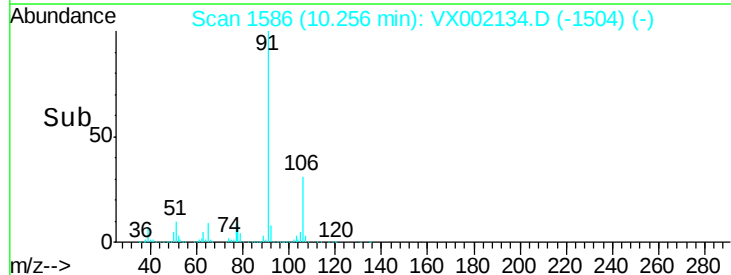
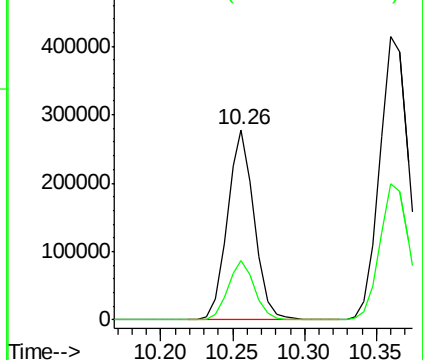
91 100

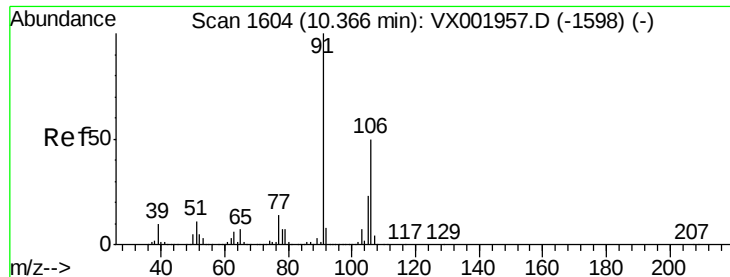
106 31.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.63 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

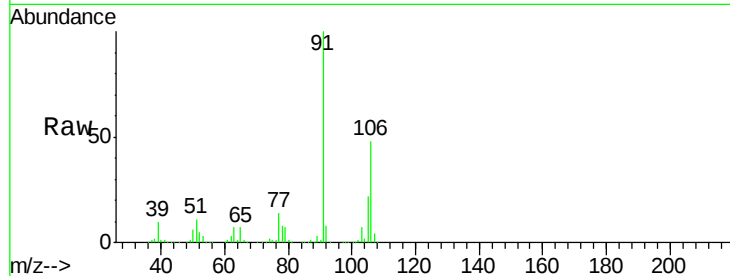
VSTDCCC020

Tgt Ion:106 Resp: 276867

Ion Ratio Lower Upper

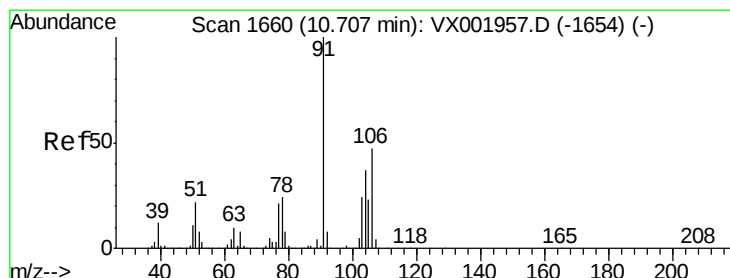
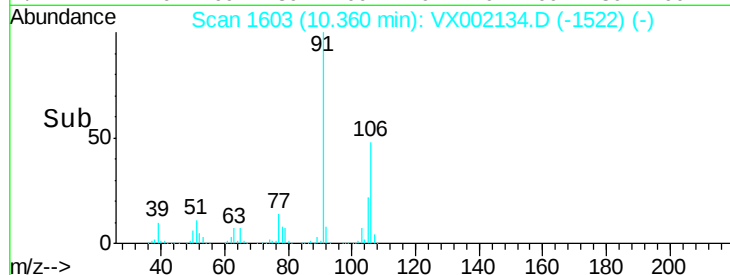
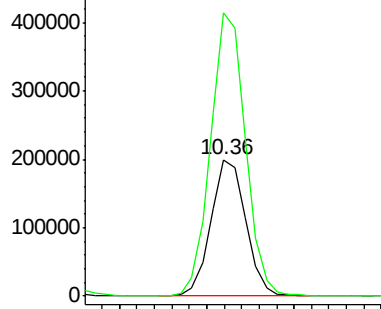
106 100

91 207.6 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.50 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX002134.D

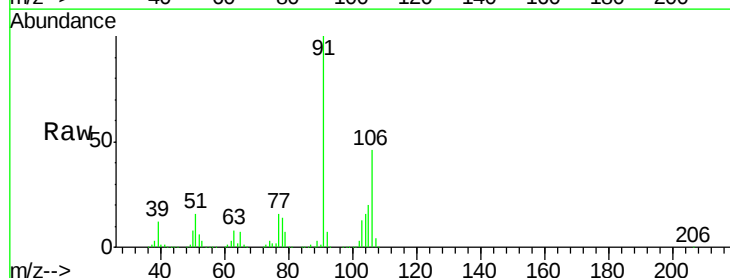
Acq: 30 May 2018 11:33

Tgt Ion:106 Resp: 136484

Ion Ratio Lower Upper

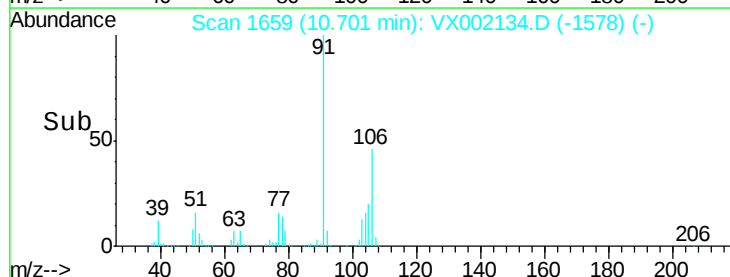
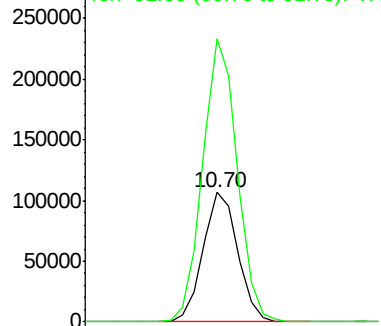
106 100

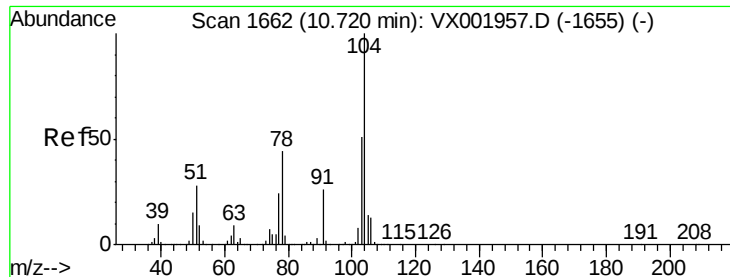
91 217.1 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 18.93 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

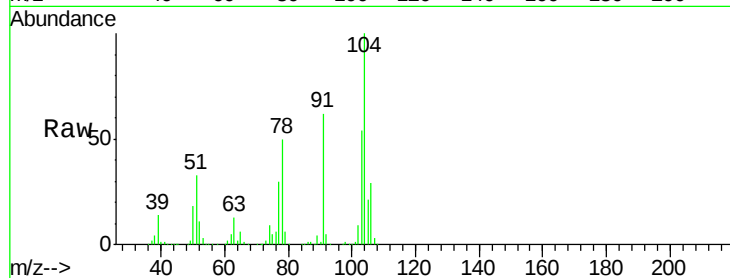
Tgt Ion:104 Resp: 222353

Ion Ratio Lower Upper

104 100

78 52.6 41.8 62.8

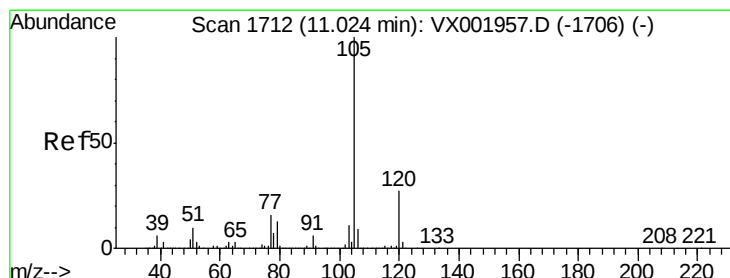
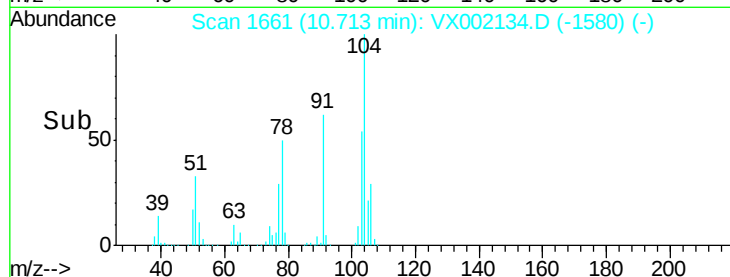
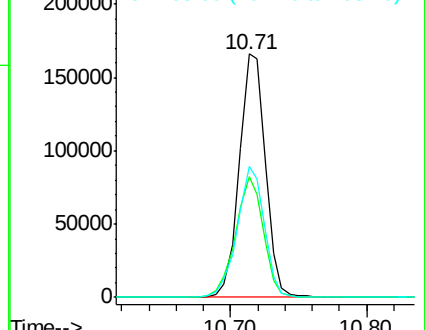
103 55.8 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002134.D

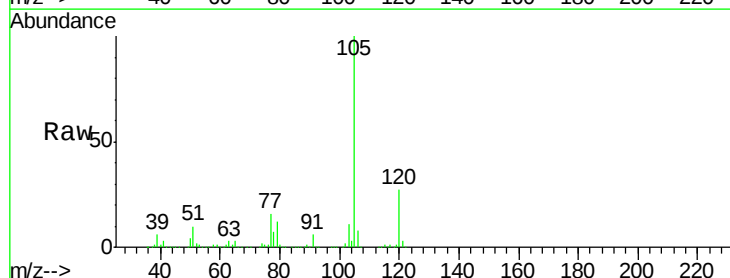
Acq: 30 May 2018 11:33

Tgt Ion:105 Resp: 374314

Ion Ratio Lower Upper

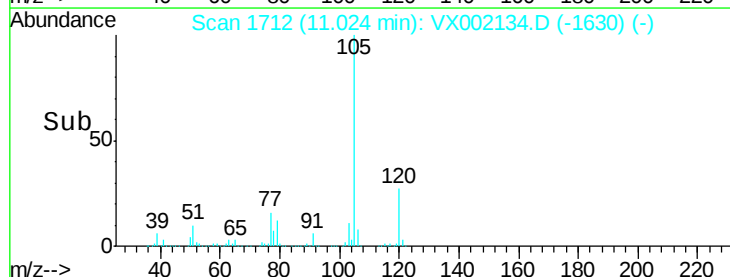
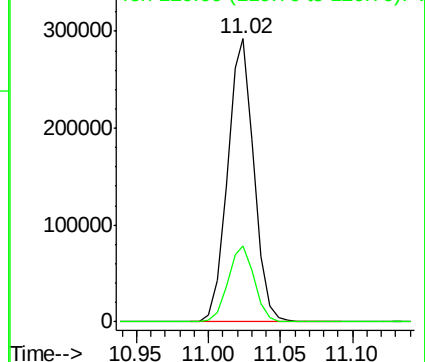
105 100

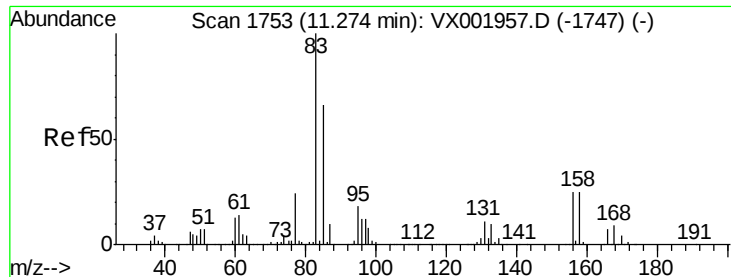
120 27.0 19.0 35.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.40 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

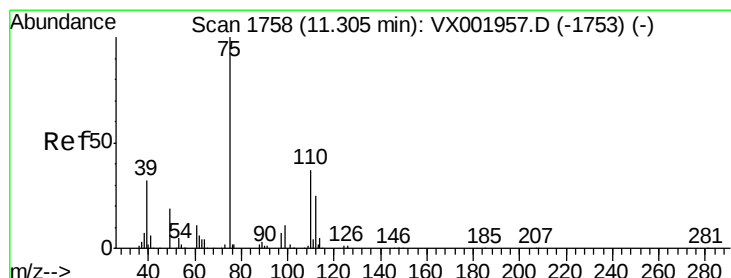
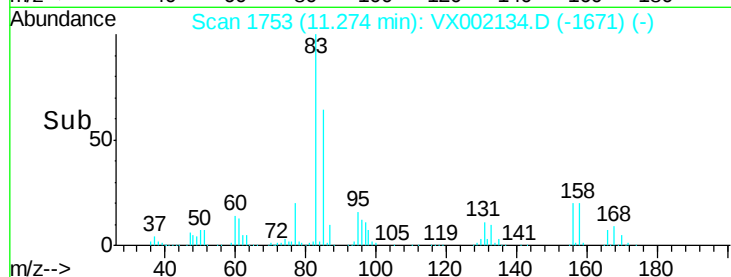
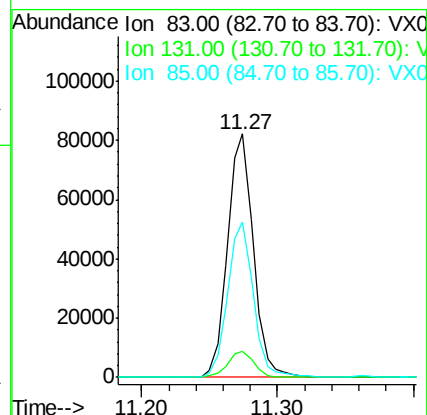
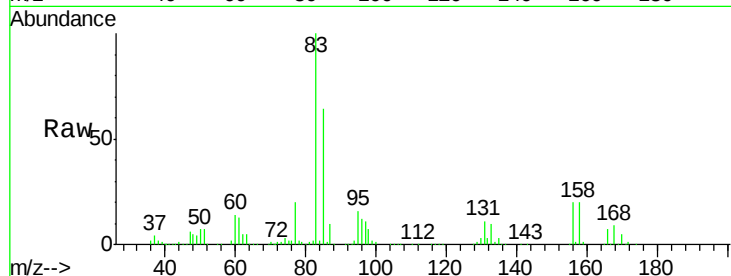
Tgt Ion: 83 Resp: 108013

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 63.9 32.4 97.2



#72

1,2,3-Trichloropropane

Concen: 23.86 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002134.D

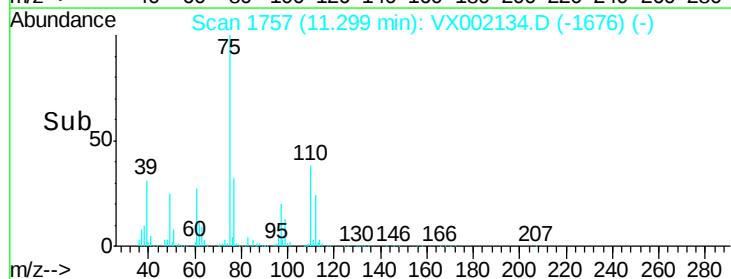
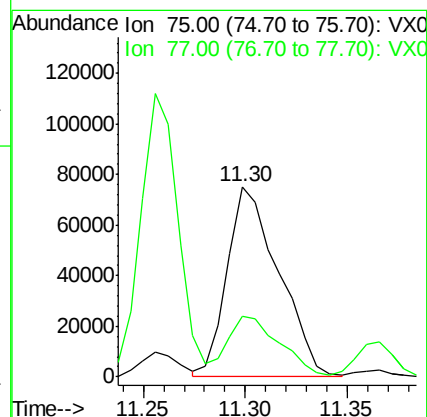
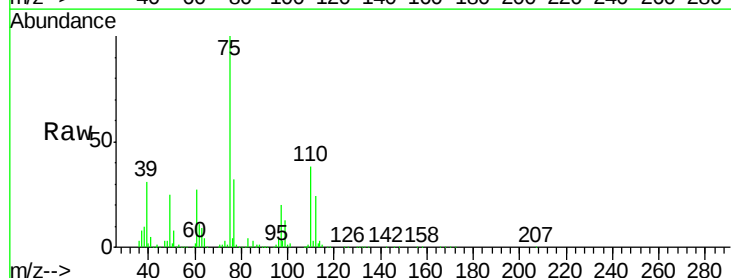
Acq: 30 May 2018 11:33

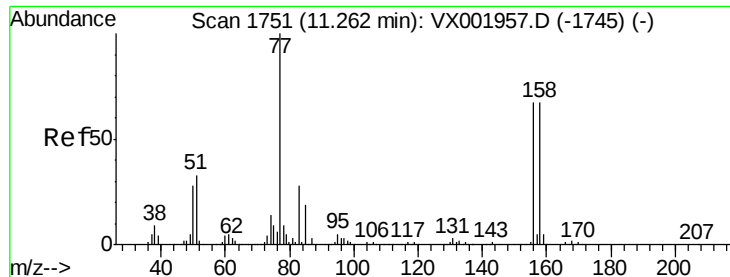
Tgt Ion: 75 Resp: 131963

Ion Ratio Lower Upper

75 100

77 32.6 0.0 71.8

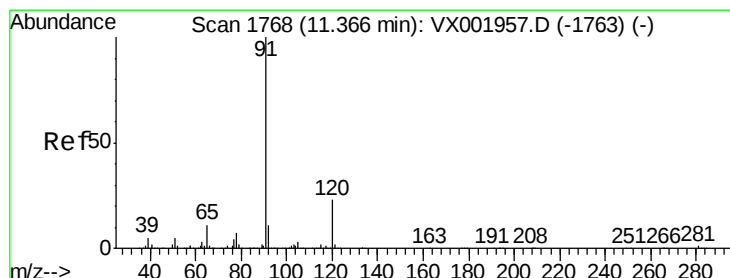
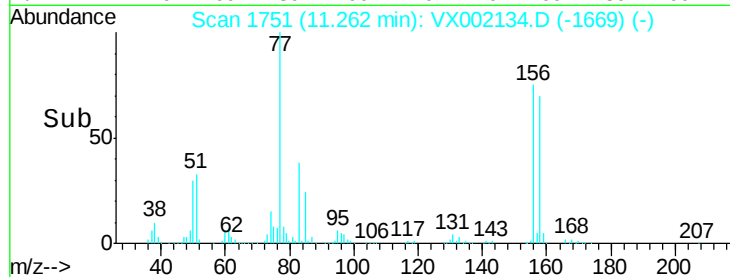
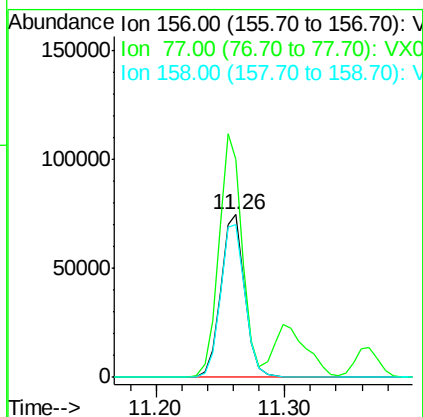
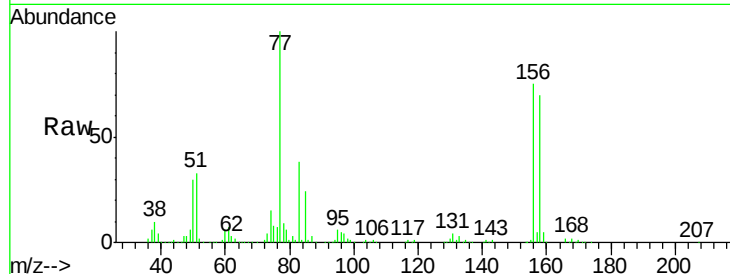




#73
Bromobenzene
Concen: 19.40 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

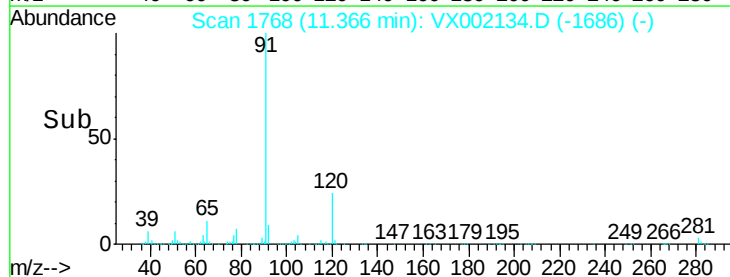
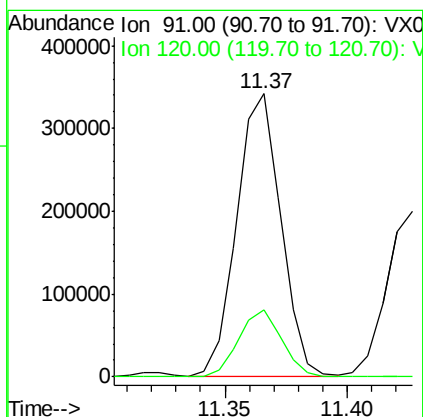
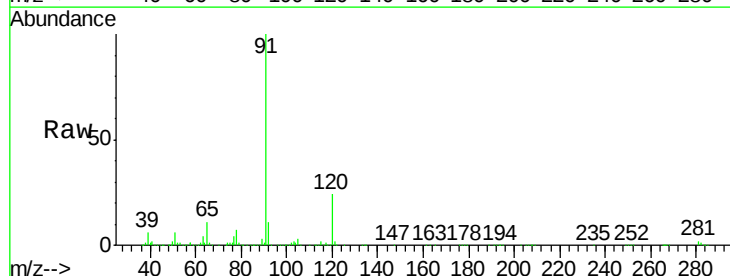
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

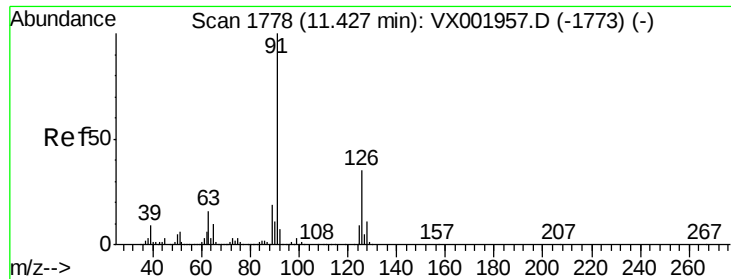
Tgt Ion:156 Resp: 97610
Ion Ratio Lower Upper
156 100
77 145.4 0.0 301.0
158 96.9 0.0 196.2



#74
n-propylbenzene
Concen: 20.57 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 91 Resp: 430148
Ion Ratio Lower Upper
91 100
120 23.0 0.0 46.2





#75

2-Chlorotoluene

Concen: 19.63 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

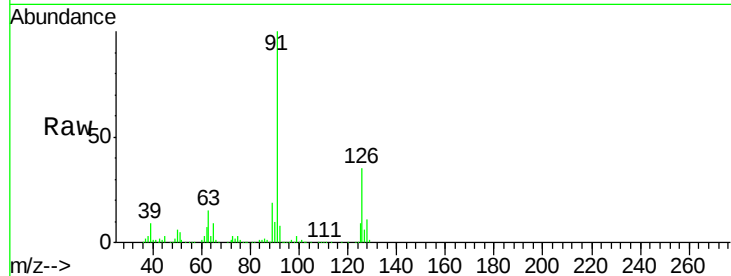
VSTDCCC020

Tgt Ion: 91 Resp: 253140

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX001957.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001957.D (-1773) (-)

400000

300000

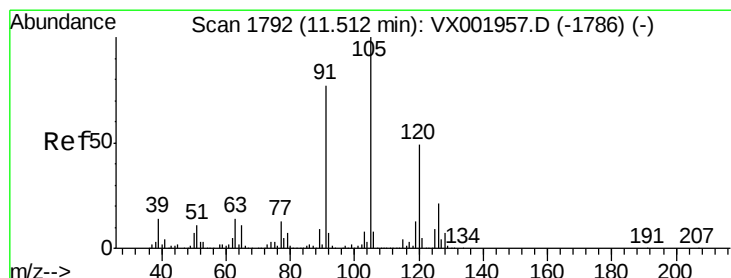
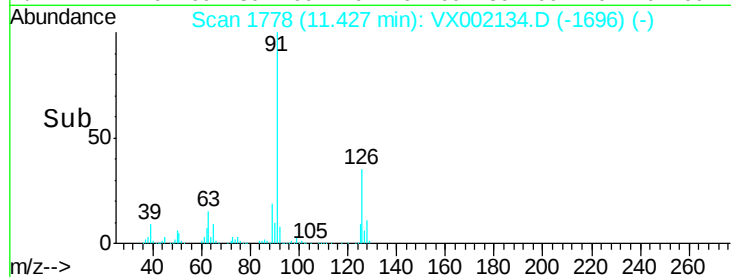
200000

100000

0

11.40 11.43 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002134.D

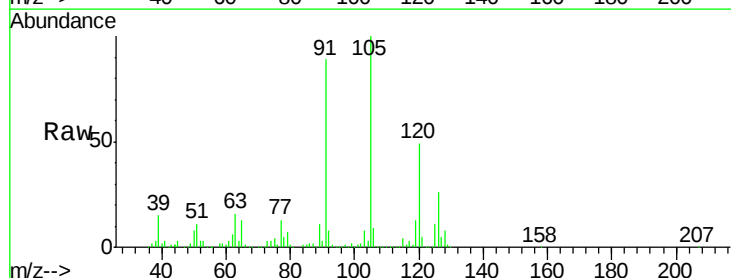
Acq: 30 May 2018 11:33

Tgt Ion: 105 Resp: 318121

Ion Ratio Lower Upper

105 100

120 48.0 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX001957.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001957.D (-1786) (-)

300000

250000

200000

150000

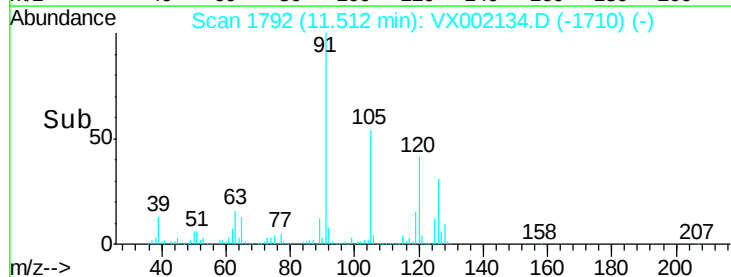
100000

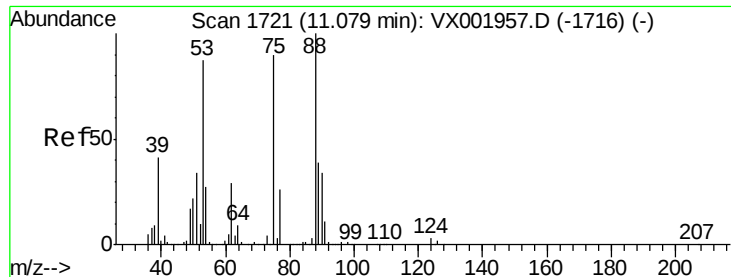
50000

0

11.45 11.51 11.55 11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 15.95 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

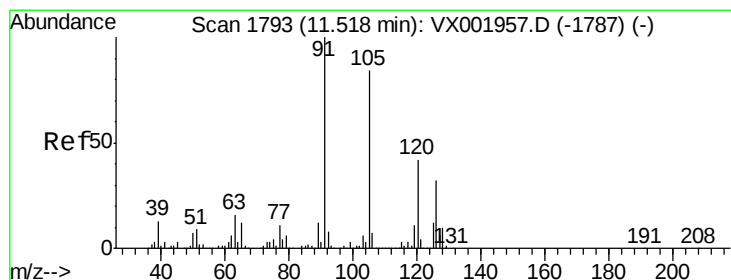
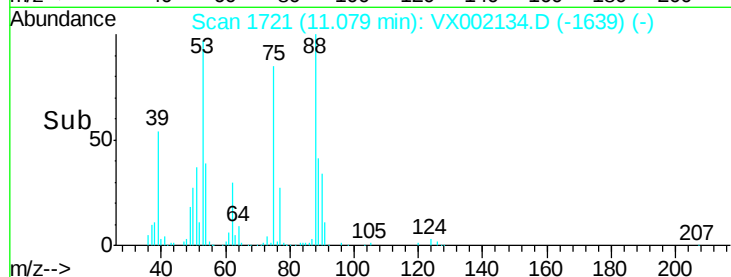
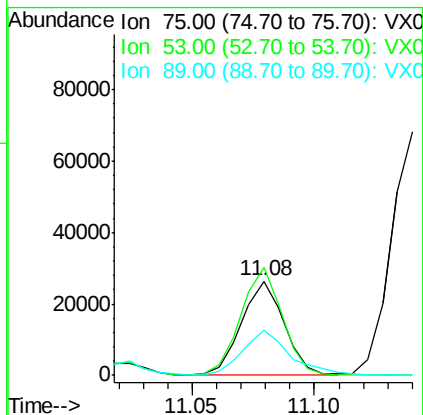
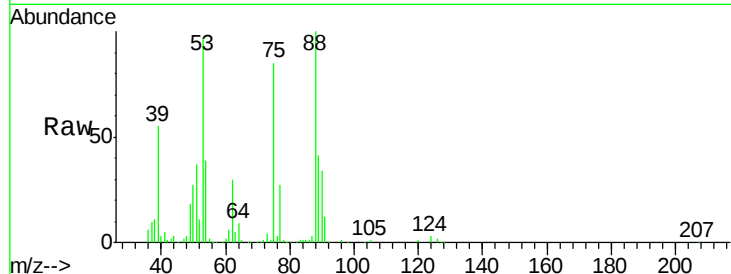
Tgt Ion: 75 Resp: 31951

Ion Ratio Lower Upper

75 100

53 114.7 48.3 144.9

89 47.5 21.8 65.4



#78

4-Chlorotoluene

Concen: 20.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002134.D

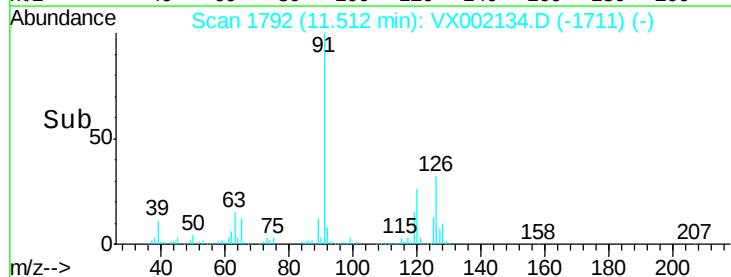
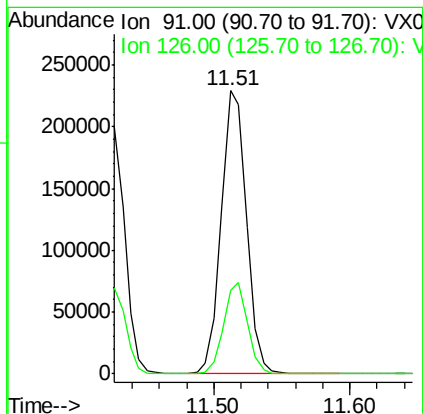
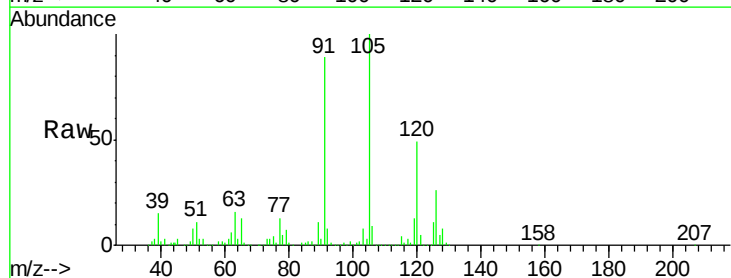
Acq: 30 May 2018 11:33

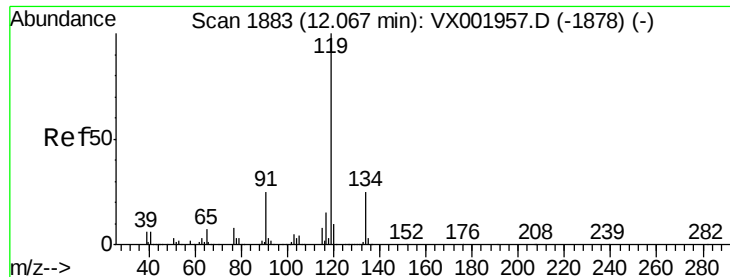
Tgt Ion: 91 Resp: 293531

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.0





#79

tert-butylbenzene

Concen: 20.65 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

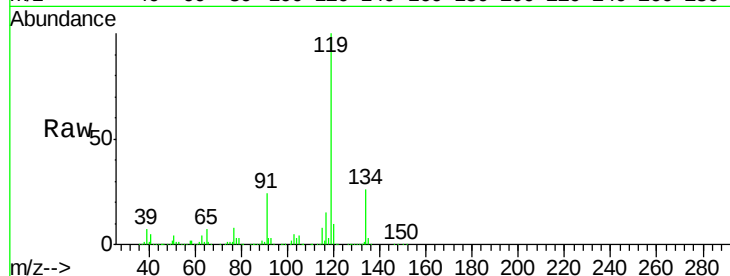
Tgt Ion:119 Resp: 344792

Ion Ratio Lower Upper

119 100

91 24.1 0.0 48.0

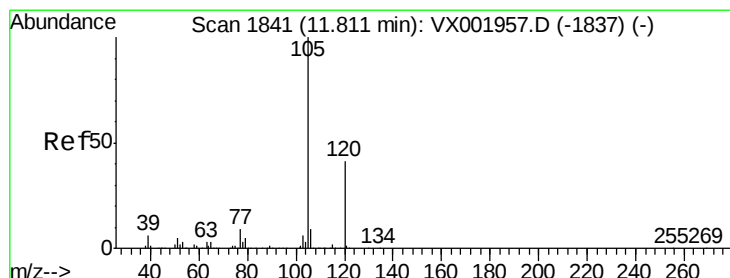
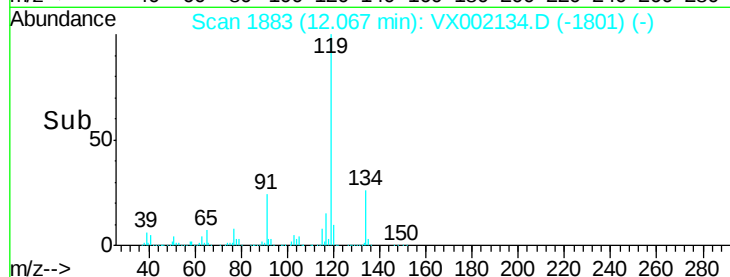
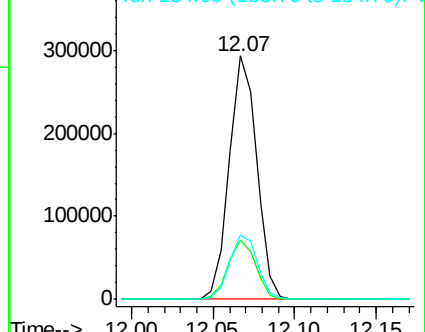
134 26.8 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.13 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002134.D

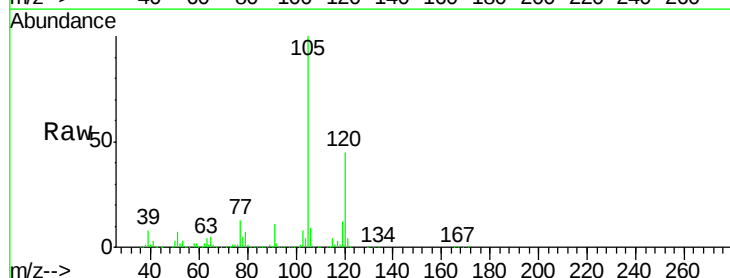
Acq: 30 May 2018 11:33

Tgt Ion:105 Resp: 324194

Ion Ratio Lower Upper

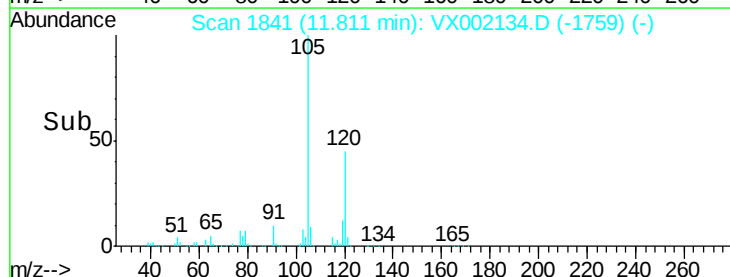
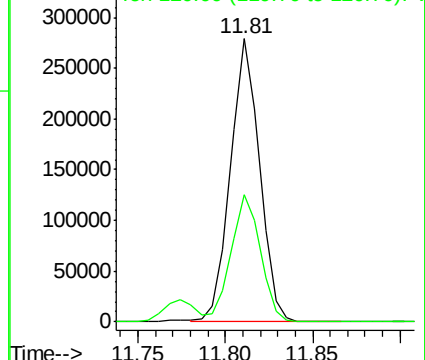
105 100

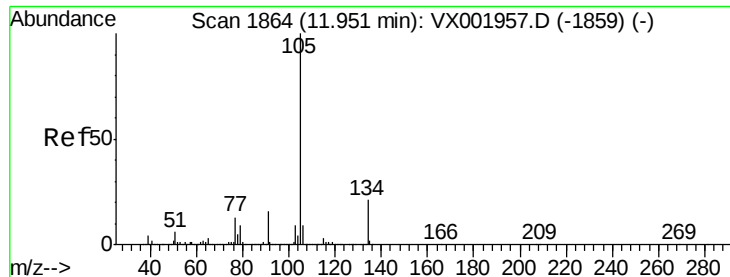
120 45.6 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

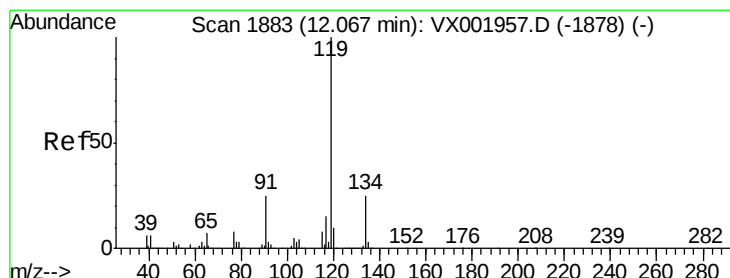
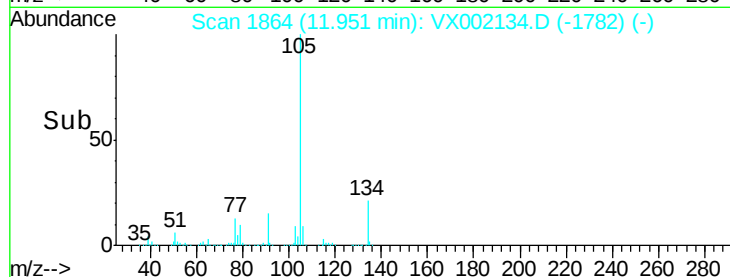
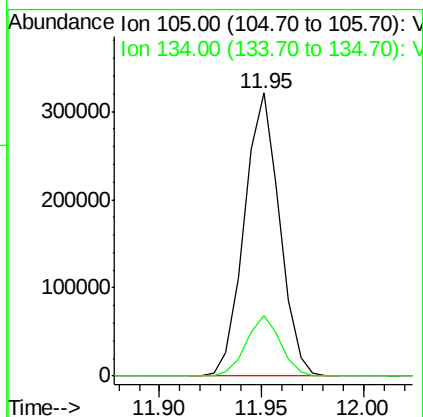
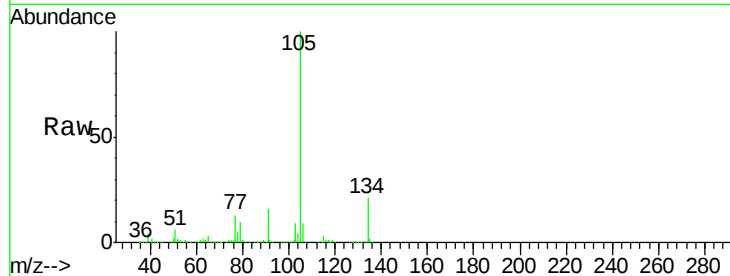




#81
 sec-Butylbenzene
 Concen: 20.62 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

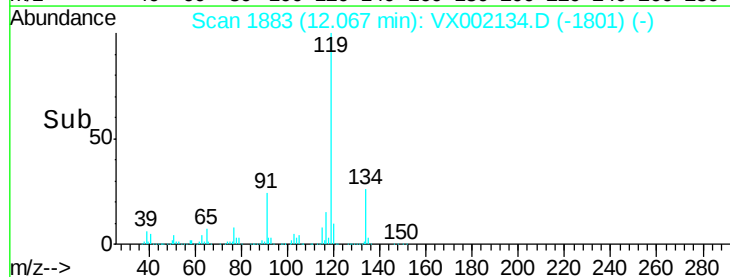
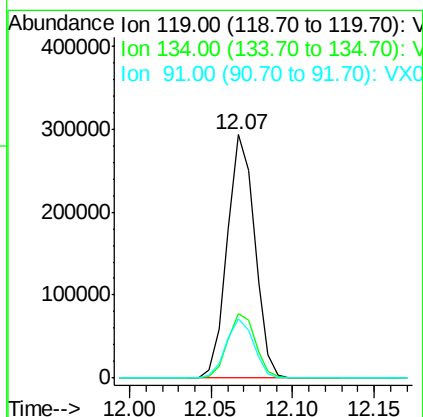
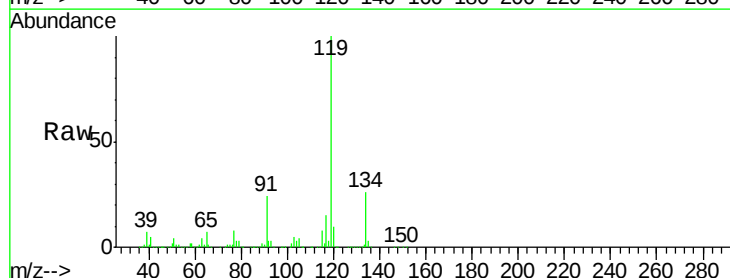
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

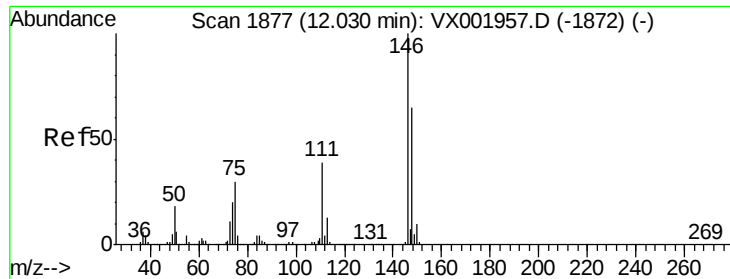
Tgt Ion:105 Resp: 385008
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 20.65 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion:119 Resp: 344792
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.6
 91 24.1 0.0 48.0

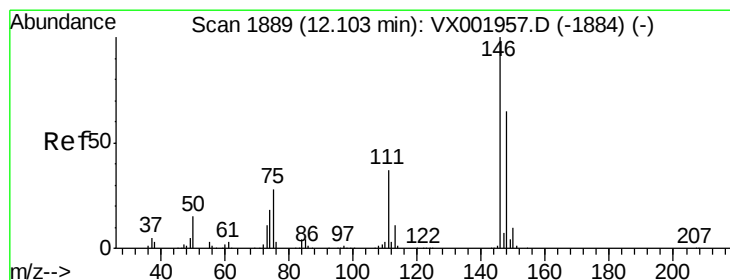
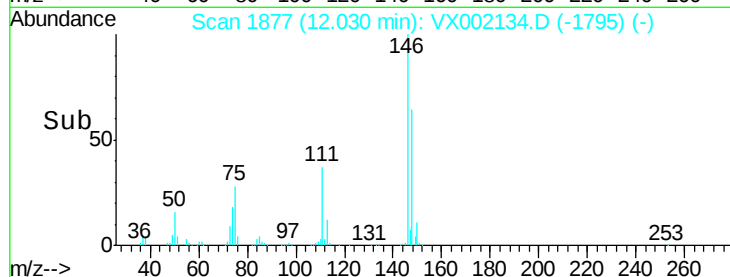
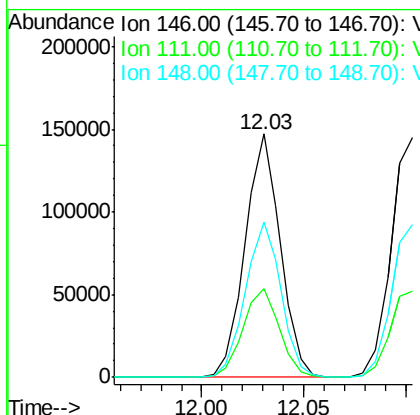
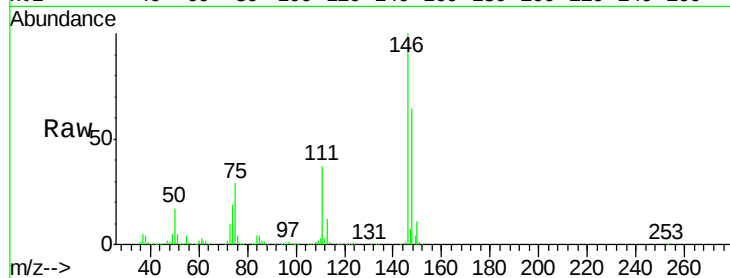




#83
 1,3-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

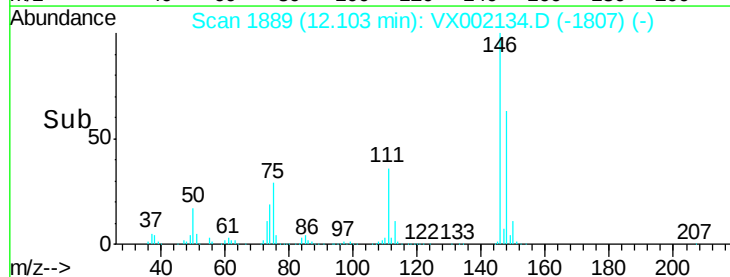
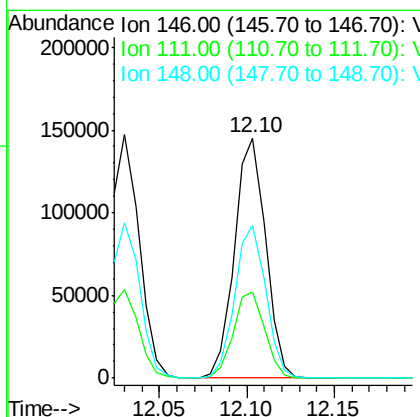
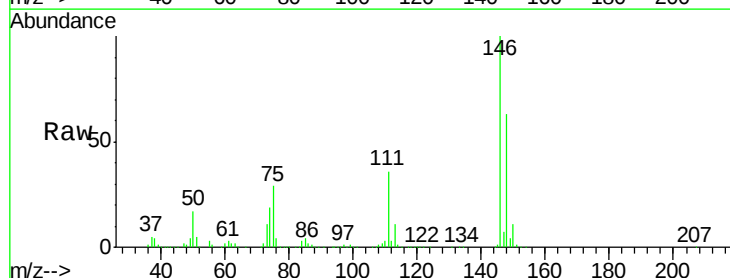
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

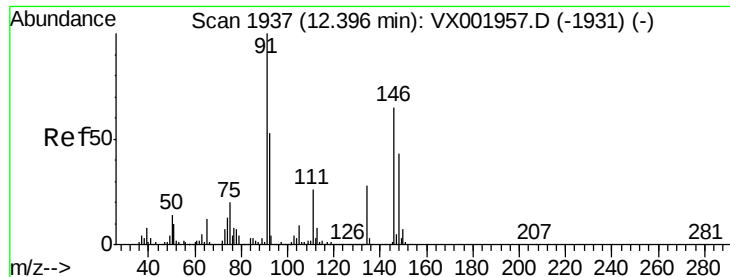
Tgt Ion:146 Resp: 176813
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.5
 148 64.8 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 20.35 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion:146 Resp: 180628
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.5 55.5
 148 63.2 32.0 96.0

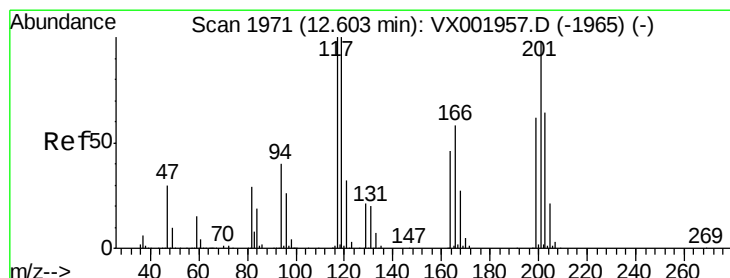
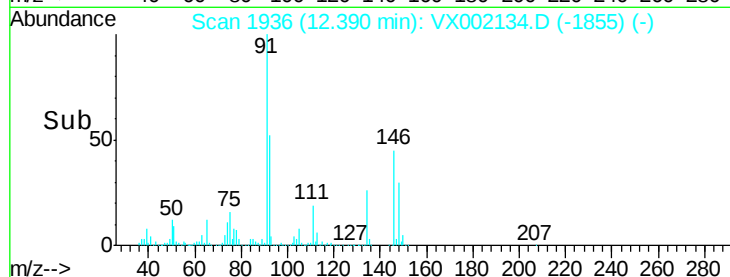
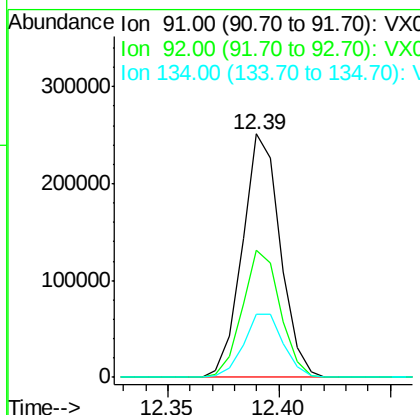
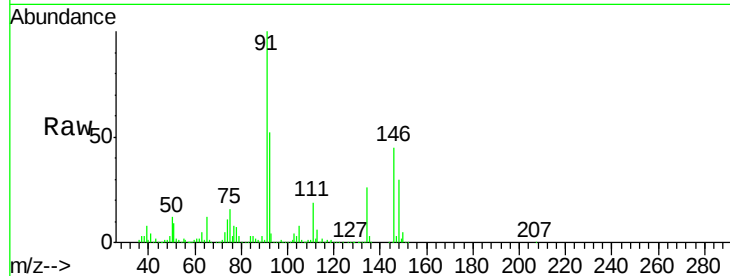




#85
n-Butylbenzene
Concen: 21.33 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

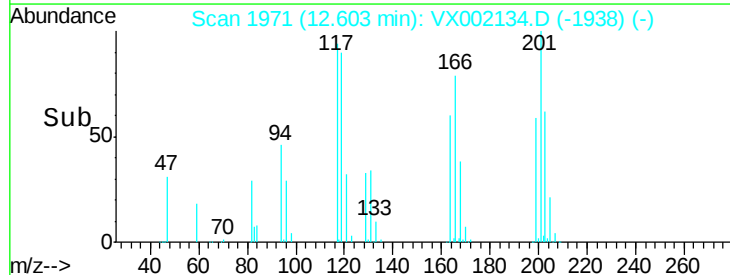
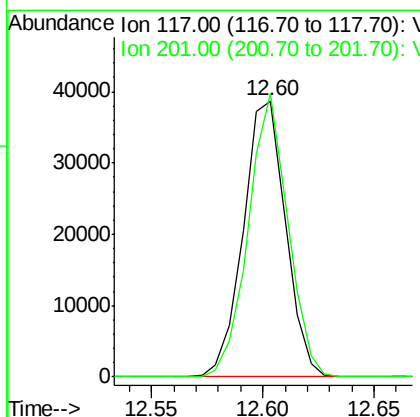
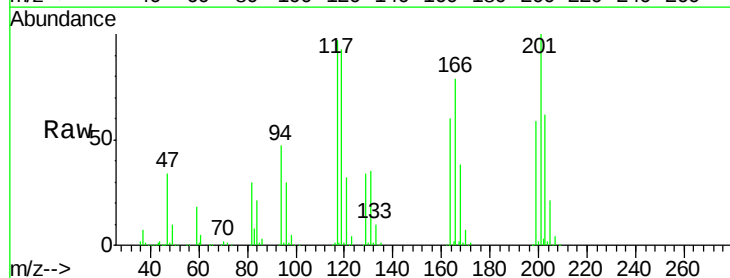
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

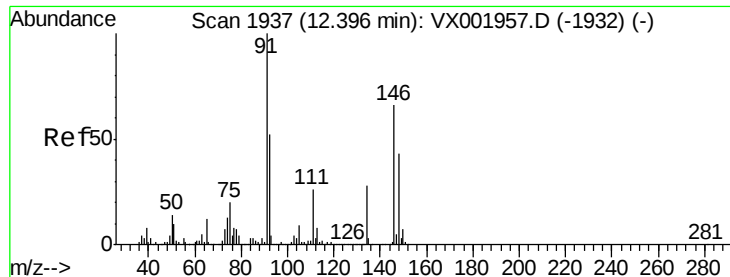
Tgt Ion: 91 Resp: 298763
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.2
134 27.2 0.0 53.2



#86
Hexachloroethane
Concen: 15.48 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion: 117 Resp: 51454
Ion Ratio Lower Upper
117 100
201 95.4 47.6 142.8





#87

1,2-Dichlorobenzene

Concen: 19.55 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

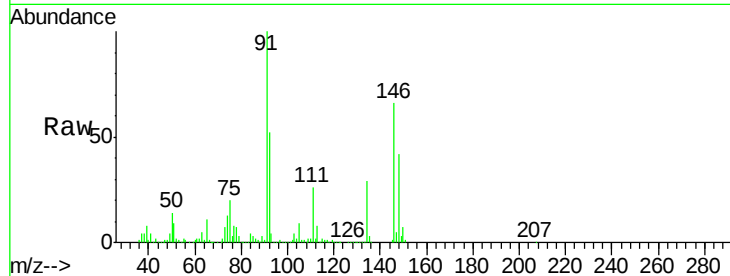
Tgt Ion:146 Resp: 179483

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

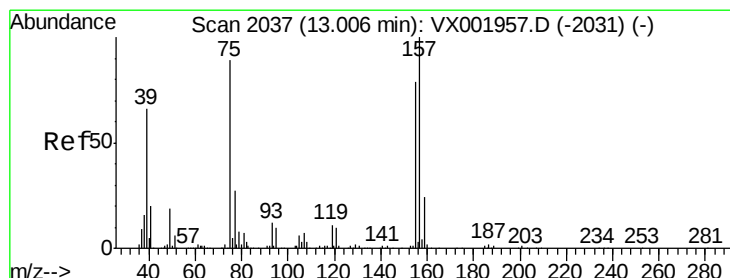
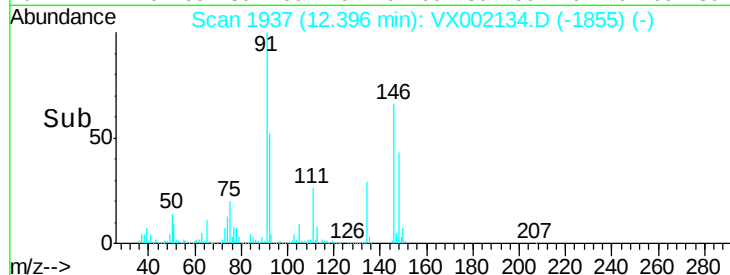
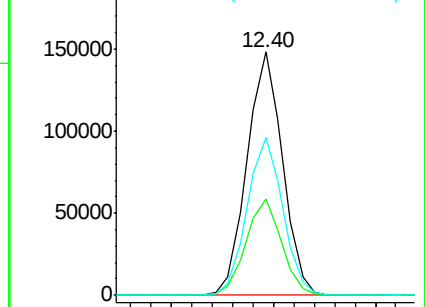
148 65.2 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 14.75 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002134.D

Acq: 30 May 2018 11:33

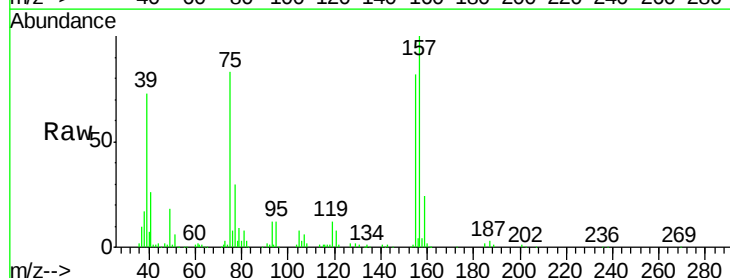
Tgt Ion: 75 Resp: 25224

Ion Ratio Lower Upper

75 100

155 91.9 73.1 109.7

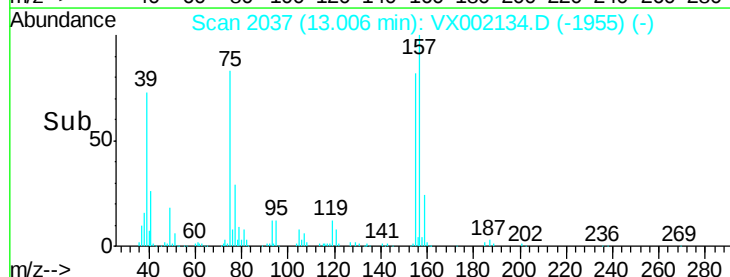
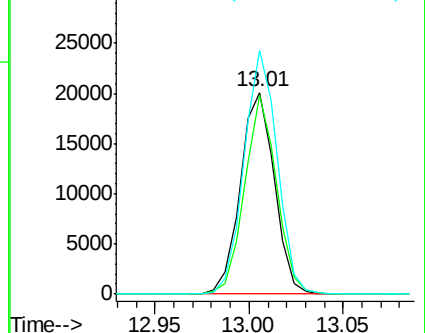
157 117.2 93.1 139.7

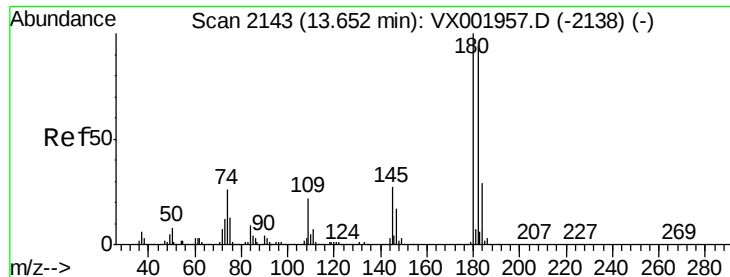


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

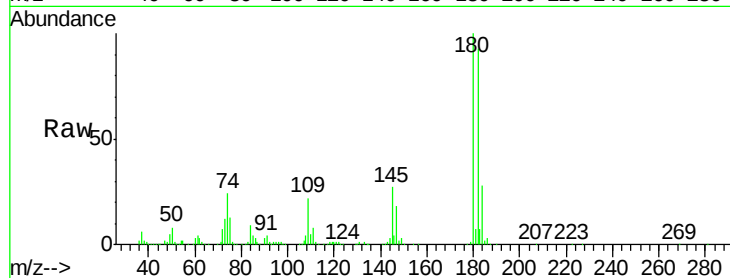




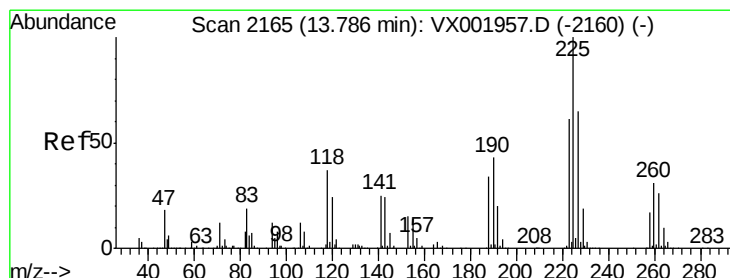
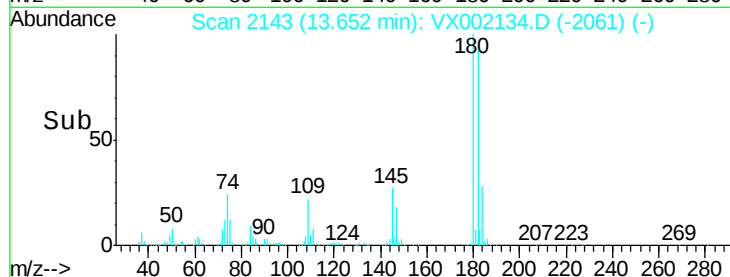
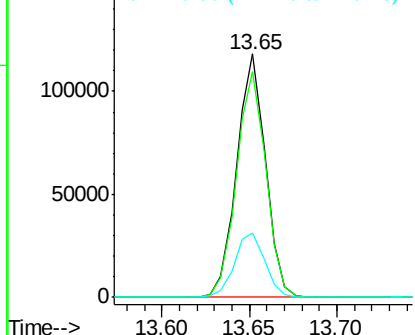
#89
 1,2,4-Trichlorobenzene
 Concen: 20.64 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 134634
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.4 114.6
 145 28.1 22.9 34.3

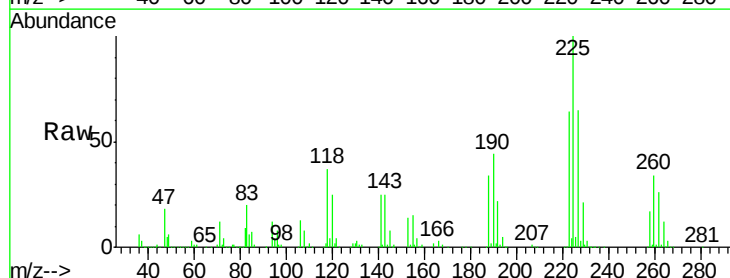


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

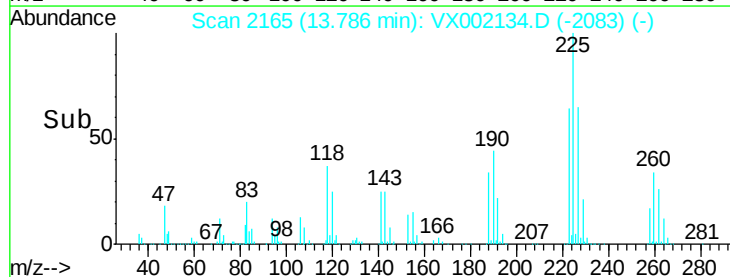
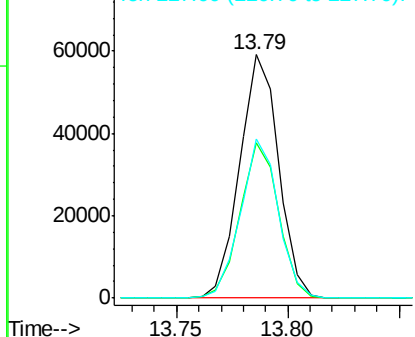


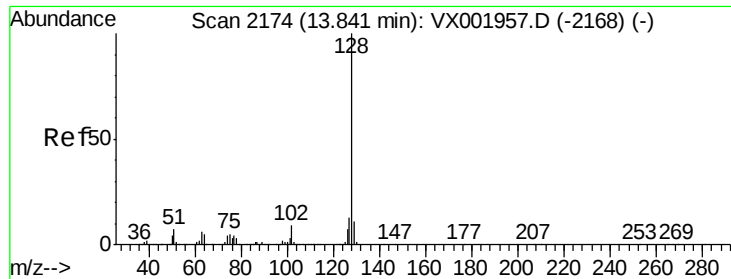
#90
 Hexachlorobutadiene
 Concen: 20.77 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002134.D
 Acq: 30 May 2018 11:33

Tgt Ion:225 Resp: 72071
 Ion Ratio Lower Upper
 225 100
 223 63.1 0.0 122.4
 227 63.7 0.0 128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

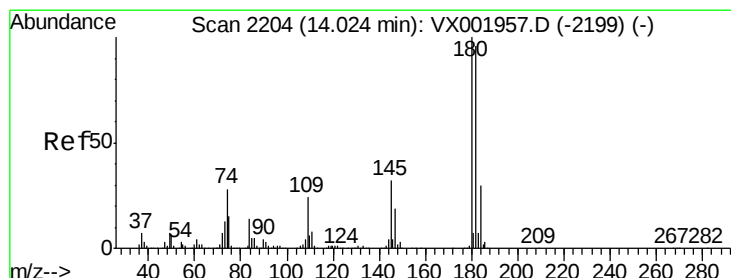
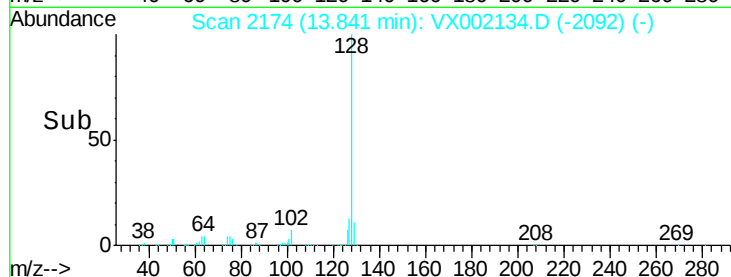
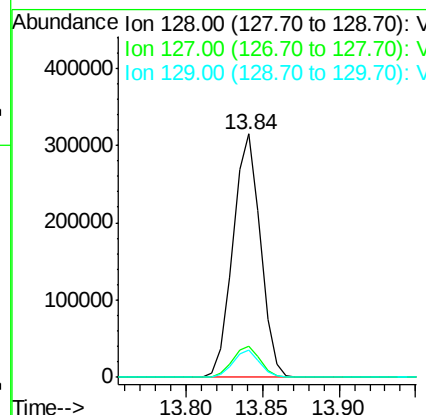
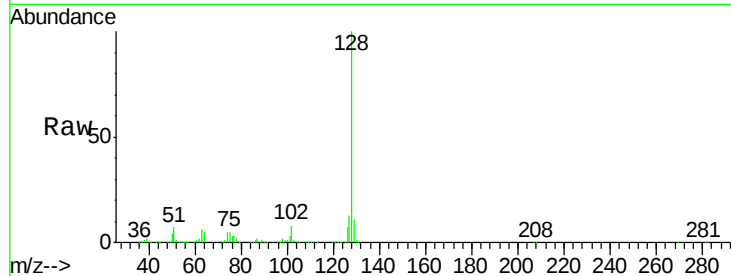




#91
Naphthalene
Concen: 19.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 391631
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.68 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002134.D
Acq: 30 May 2018 11:33

Tgt Ion:180 Resp: 134065
Ion Ratio Lower Upper
180 100
182 98.4 0.0 191.0
145 30.7 0.0 60.6

