

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062218\
 Data File : VX002829.D
 Acq On : 22 Jun 2018 11:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 22 12:09:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51427	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	282885	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	265185	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	118081	30.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.23%
60) 4-Bromofluorobenzene	11.14	95	130844	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	8.72	98	351036	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	58639	23.890 ug/l	98
3) Chloromethane	1.32	50	59539	22.344 ug/l	98
4) Vinyl Chloride	1.40	62	65288	21.990 ug/l	98
5) Bromomethane	1.64	94	28435	16.393 ug/l	95
6) Chloroethane	1.73	64	41575	20.821 ug/l	98
7) Trichlorofluoromethane	1.93	101	113178	21.446 ug/l	99
8) Diethyl Ether	2.19	74	40009	21.262 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64968	21.509 ug/l	99
10) 1,1-Dichloroethene	2.37	96	55719	20.957 ug/l	98
11) Methyl Iodide	2.51	142	60864	19.878 ug/l	98
12) Methyl Acetate	2.78	43	92854	21.521 ug/l	99
13) Acrolein	2.29	56	21697	70.729 ug/l	99
14) Acrylonitrile	3.15	53	164015	101.073 ug/l	99
15) Acetone	2.45	58	47246	104.748 ug/l	95
16) Carbon Disulfide	2.57	76	142381	21.388 ug/l	100
17) Allyl chloride	2.73	41	109632	20.722 ug/l	92
18) Methylene Chloride	2.86	84	63618	20.906 ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	60968	21.386 ug/l	95
20) Diisopropyl ether	3.87	45	214199	21.728 ug/l	92
21) 1,1-Dichloroethane	3.70	63	115845	21.853 ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	68217	22.261 ug/l	87
23) tert-Butyl Alcohol	3.06	59	75371	102.302 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	200616	20.210 ug/l	99
25) Chloroform	5.22	83	118523	22.280 ug/l	98
26) Cyclohexane	5.57	56	97014	21.541 ug/l	# 94
29) 1,1-Dichloropropene	5.80	75	84729	22.179 ug/l	97
30) 2-Butanone	4.70	43	238805	109.244 ug/l	98
31) 2,2-Dichloropropane	4.59	77	92434	22.640 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101721	22.042 ug/l	99
33) Carbon Tetrachloride	5.78	117	91068	21.955 ug/l	97
34) Benzene	6.15	78	250191	22.114 ug/l	99
35) Methacrylonitrile	5.06	41	51222	21.522 ug/l	96
36) 1,2-Dichloroethane	6.20	62	100109	22.538 ug/l	100
37) Trichloroethene	7.21	130	74167	22.383 ug/l	95
38) Methylcyclohexane	7.46	83	101175	21.769 ug/l	99
39) 1,2-Dichloropropane	7.52	63	63752	21.603 ug/l	99
40) Dibromomethane	7.67	93	45420	22.153 ug/l	97

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

41) Bromodichloromethane	7.90	83	83870	21.776	ug/l	94
42) Vinyl Acetate	3.82	43	905379	109.207	ug/l	100
43) Ethyl Acetate	4.86	43	91239	21.823	ug/l	96
44) Isopropyl Acetate	6.46	43	149392	21.326	ug/l	100
45) 1,4-Dioxane	7.76	88	29819	434.515	ug/l	91
46) Methyl methacrylate	7.78	41	78479	21.925	ug/l	98
47) n-amyl Acetate	10.90	43	136427	20.639	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	97325	21.525	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	89554	21.206	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	66892	22.118	ug/l	97
51) Ethyl methacrylate	9.18	69	95905	21.007	ug/l	96
52) 1,3-Dichloropropane	9.37	76	109340	22.135	ug/l	100
53) Dibromochloromethane	9.59	129	68844	21.443	ug/l	99
54) 1,2-Dibromoethane	9.68	107	69213	21.716	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	210418	97.042	ug/l	98
56) Bromoform	10.86	173	50577	19.733	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	480785	106.784	ug/l	98
59) 2-Hexanone	9.50	43	370940	107.773	ug/l	100
61) Tetrachloroethene	9.34	164	90551	24.880	ug/l	99
62) Toluene	8.79	91	283187	22.154	ug/l	98
64) Chlorobenzene	10.14	112	186879	22.005	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	69104	22.199	ug/l	99
66) Ethyl Benzene	10.26	91	316413	21.979	ug/l	99
67) m/p-Xylenes	10.36	106	243658	43.554	ug/l	100
68) o-Xylene	10.70	106	118948	21.823	ug/l	98
69) Styrene	10.71	104	196657	21.627	ug/l	99
70) Isopropylbenzene	11.02	105	326754	21.741	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	94704	21.079	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	108728	27.916	ug/l	95
73) Bromobenzene	11.26	156	90555	21.666	ug/l	93
74) n-propylbenzene	11.36	91	381301	21.855	ug/l	99
75) 2-Chlorotoluene	11.43	91	224500	22.111	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	276895	21.698	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	23833	19.026	ug/l	87
78) 4-Chlorotoluene	11.51	91	264739	22.010	ug/l	98
79) tert-butylbenzene	12.07	119	299574	21.284	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	284318	21.818	ug/l	99
81) sec-Butylbenzene	11.95	105	336574	21.560	ug/l	99
82) p-Isopropyltoluene	12.07	119	299574	21.284	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	165176	21.475	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	167899	21.613	ug/l	98
85) n-Butylbenzene	12.39	91	261733	20.979	ug/l	99
86) Hexachloroethane	12.60	117	40937	19.189	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	167391	21.551	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20095	20.022	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	123868	21.127	ug/l	99
90) Hexachlorobutadiene	13.79	225	65782	21.552	ug/l	98
91) Naphthalene	13.84	128	328771	21.156	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	124443	21.334	ug/l	100

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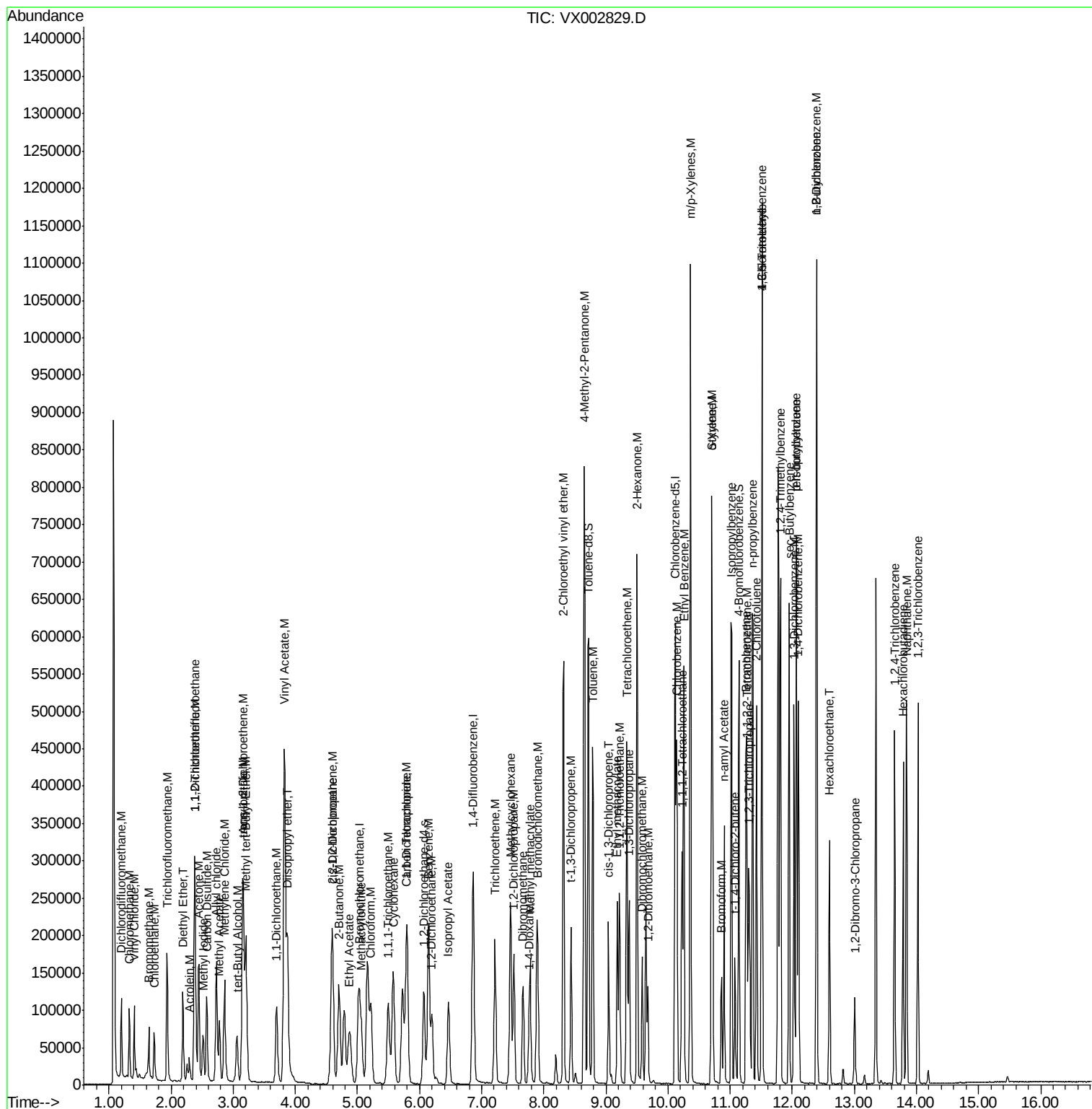
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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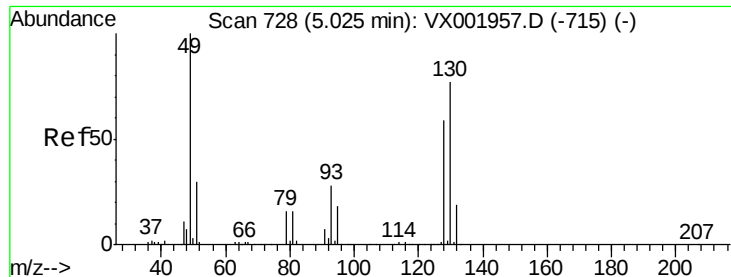
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/MD  
Sample    : VSTDCCC020  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: Jun 22 12:09:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X061818W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

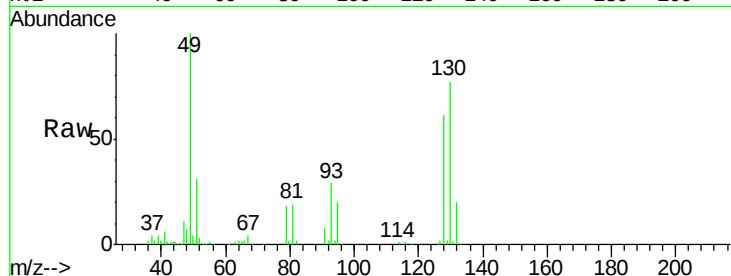
Tgt Ion:128 Resp: 51427

Ion Ratio Lower Upper

128 100

49 160.5 0.0 423.0

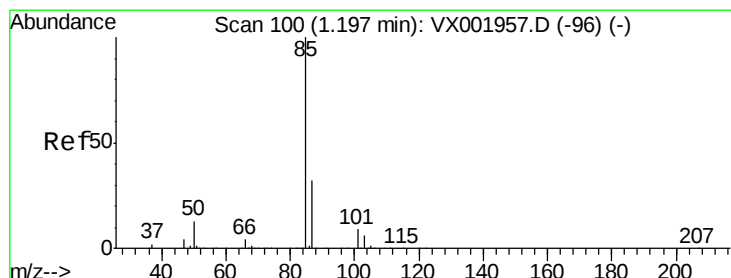
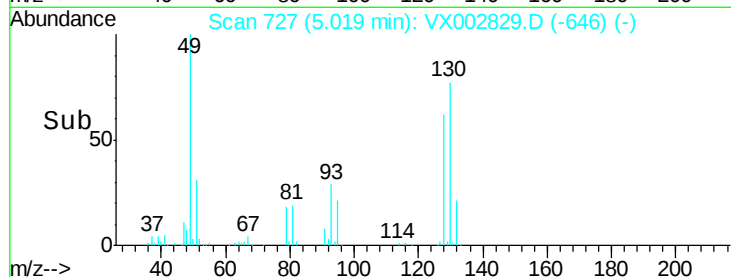
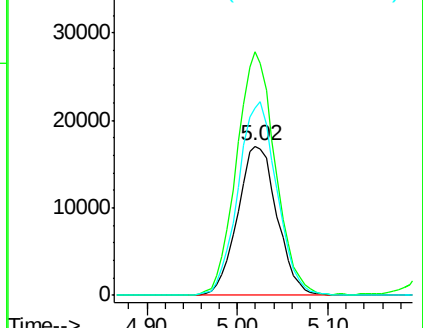
130 128.0 0.0 324.3



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: 23.890 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002829.D

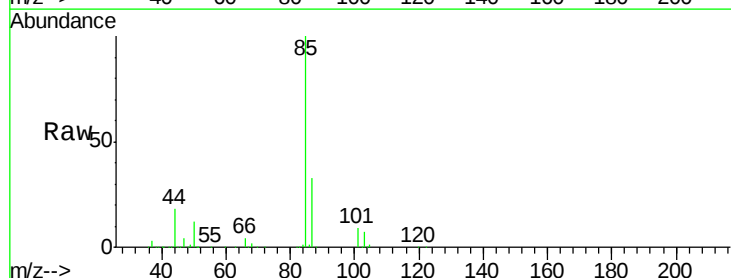
Acq: 22 Jun 2018 11:51

Tgt Ion: 85 Resp: 58639

Ion Ratio Lower Upper

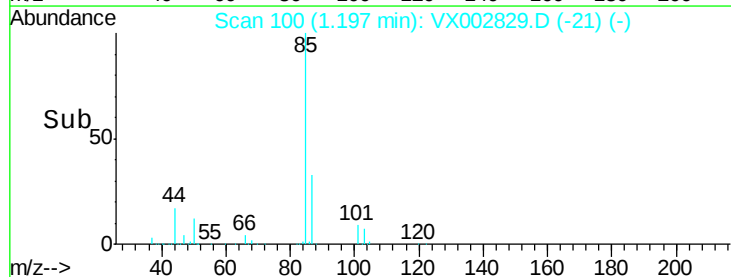
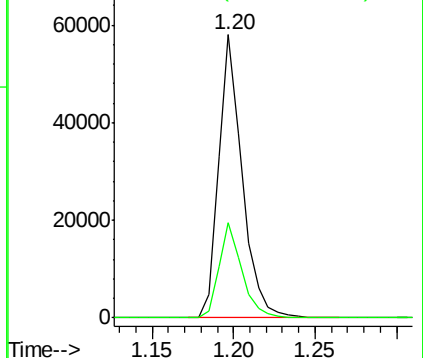
85 100

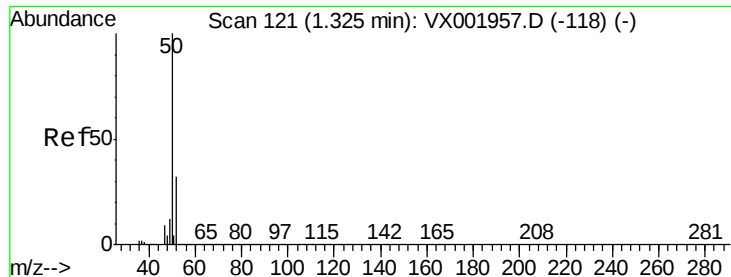
87 33.4 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 22.344 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

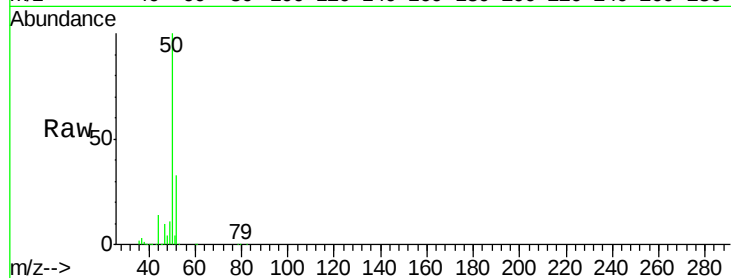
VSTDCCC020

Tgt Ion: 50 Resp: 59539

Ion Ratio Lower Upper

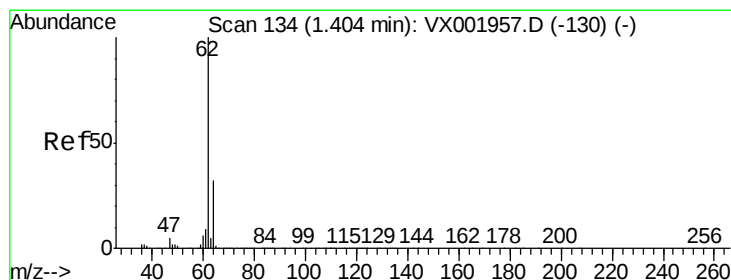
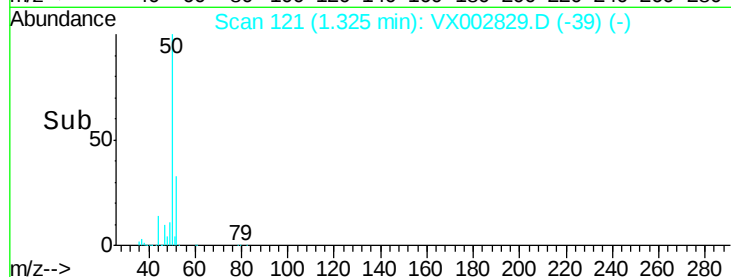
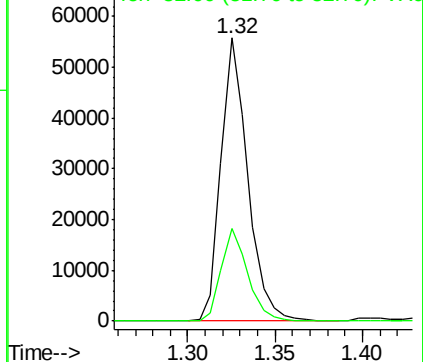
50 100

52 33.0 25.6 38.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 21.990 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002829.D

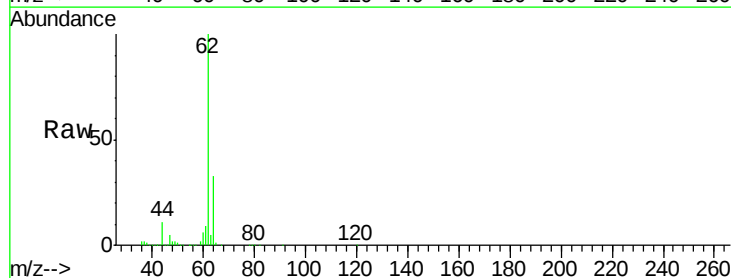
Acq: 22 Jun 2018 11:51

Tgt Ion: 62 Resp: 65288

Ion Ratio Lower Upper

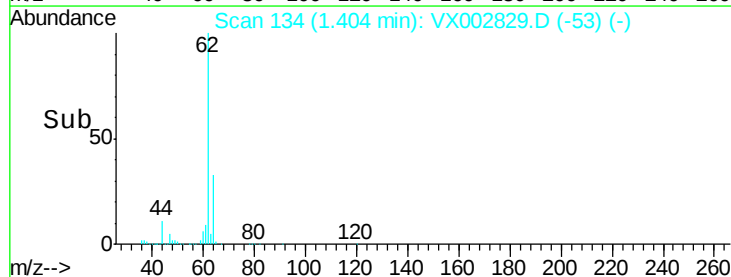
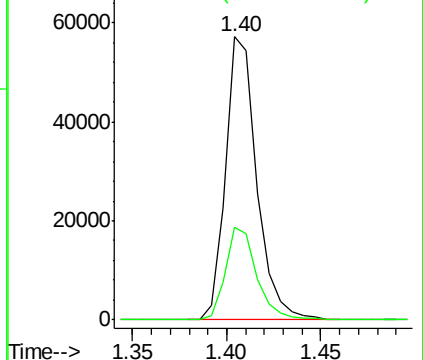
62 100

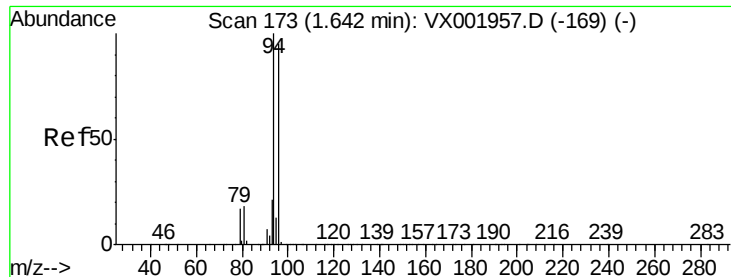
64 32.8 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.393 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

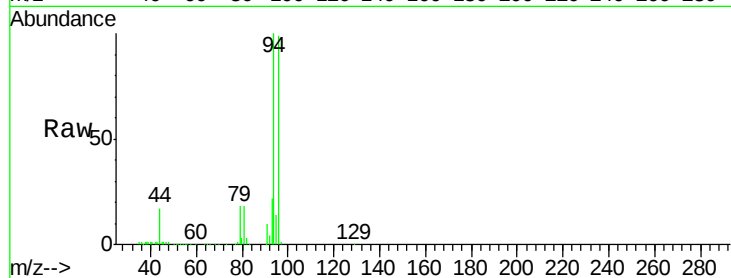
VSTDCCC020

Tgt Ion: 94 Resp: 28435

Ion Ratio Lower Upper

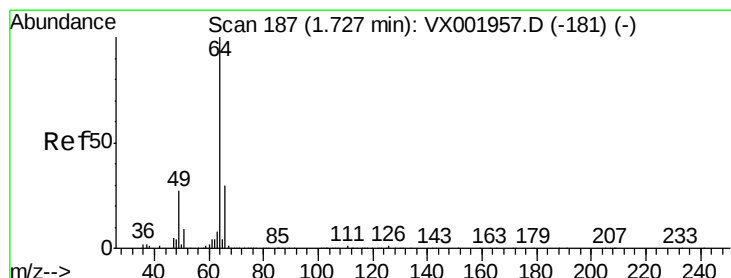
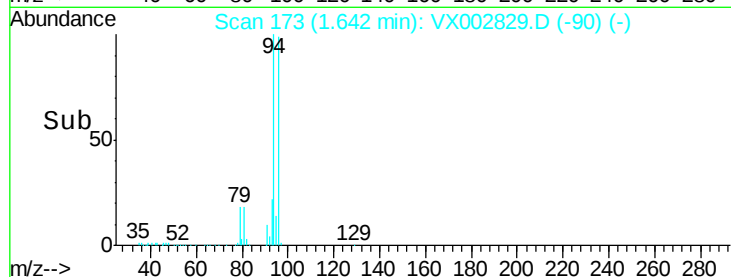
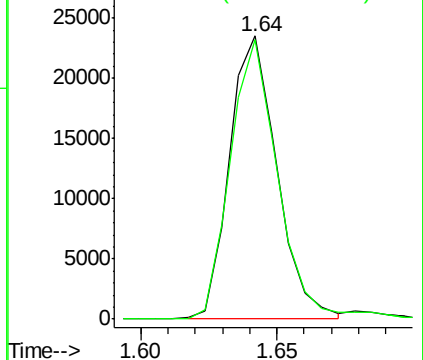
94 100

96 99.2 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.821 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002829.D

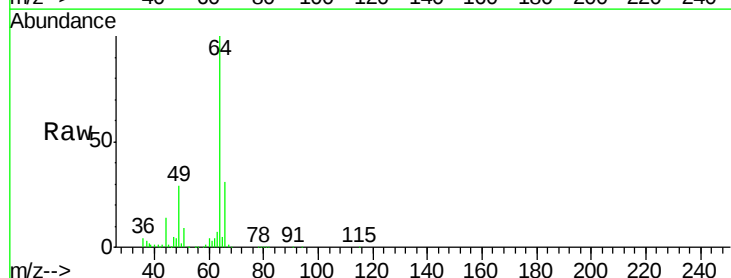
Acq: 22 Jun 2018 11:51

Tgt Ion: 64 Resp: 41575

Ion Ratio Lower Upper

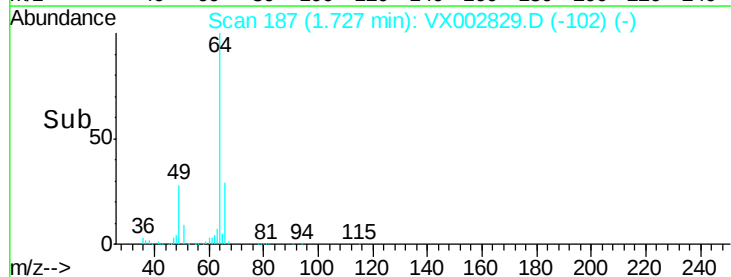
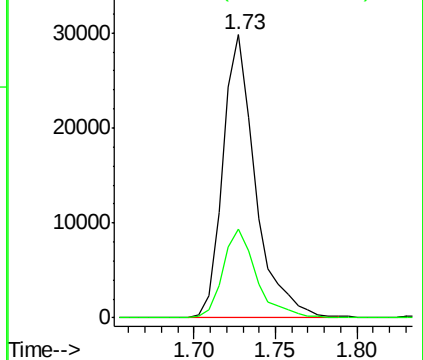
64 100

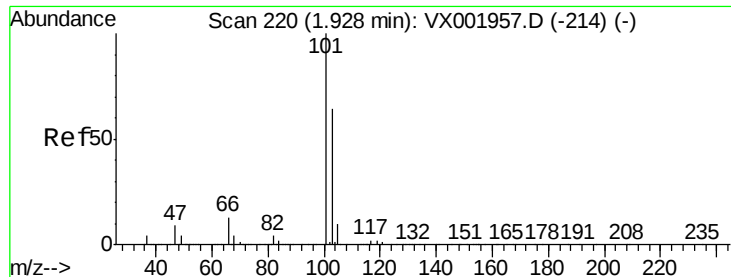
66 31.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



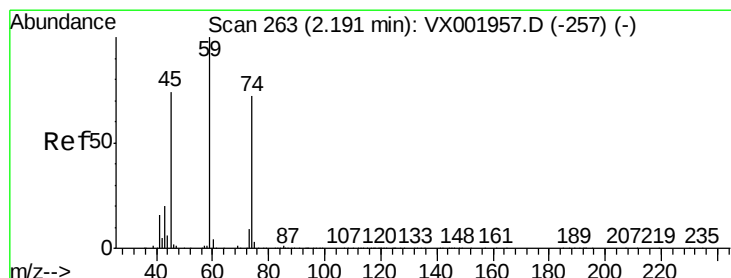
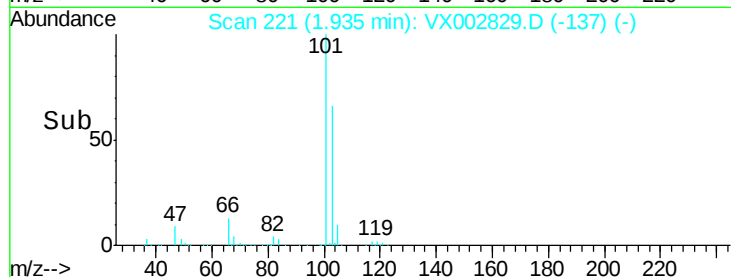
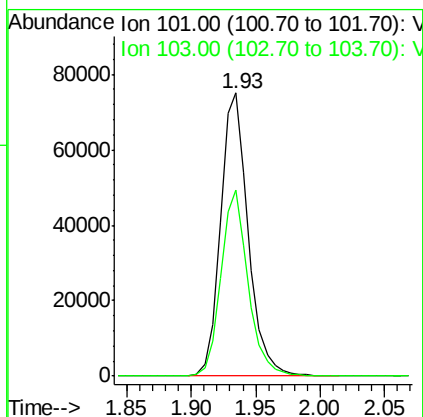
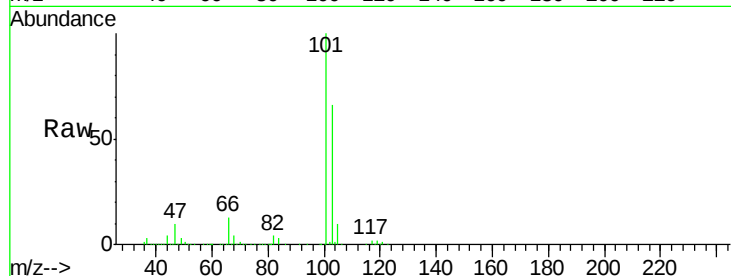


#7

Trichlorofluoromethane
 Concen: 21.446 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

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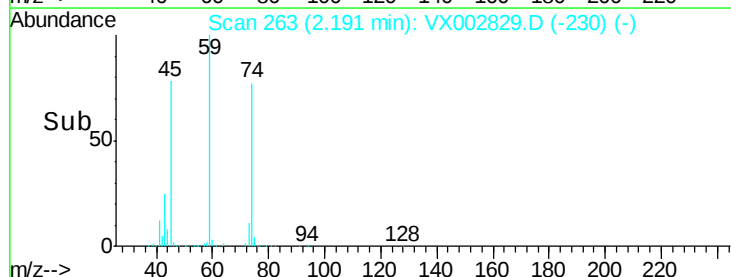
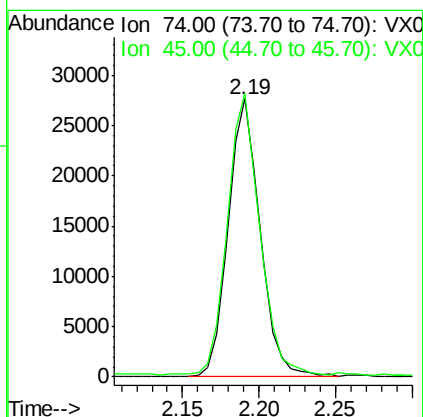
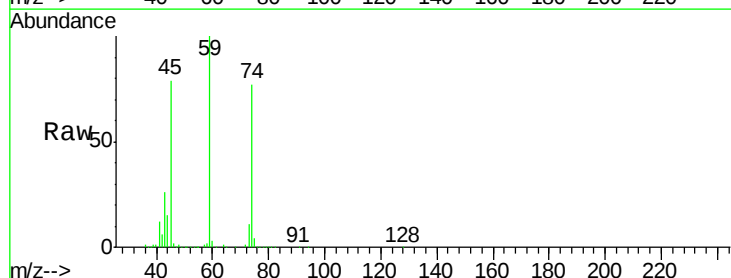
Tgt Ion: 101 Resp: 113178
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.5 77.3

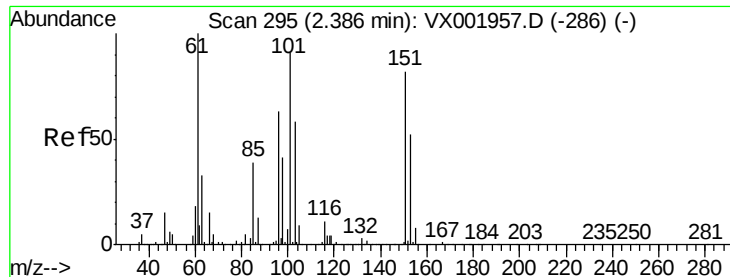


#8

Diethyl Ether
 Concen: 21.262 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion: 74 Resp: 40009
 Ion Ratio Lower Upper
 74 100
 45 102.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.509 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

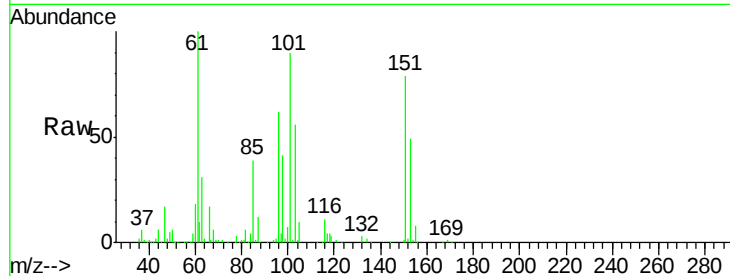
Tgt Ion:101 Resp: 64968

Ion Ratio Lower Upper

101 100

85 45.5 0.0 87.0

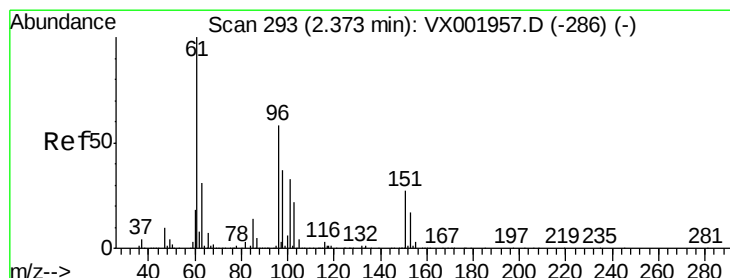
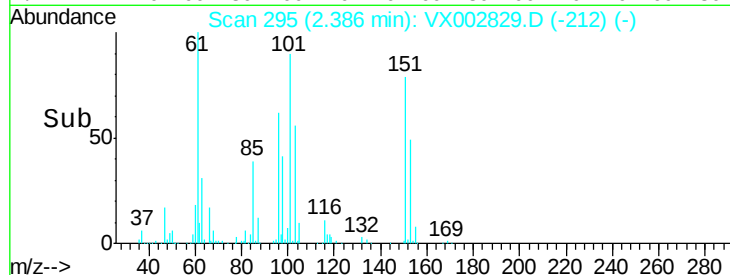
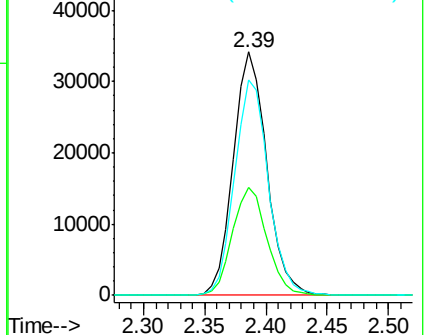
151 89.1 0.0 177.6



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: 20.957 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

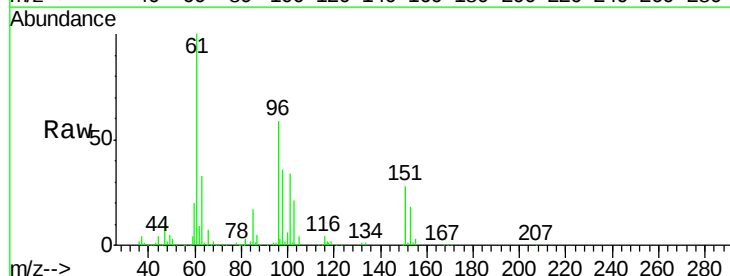
Tgt Ion: 96 Resp: 55719

Ion Ratio Lower Upper

96 100

61 169.1 137.5 206.3

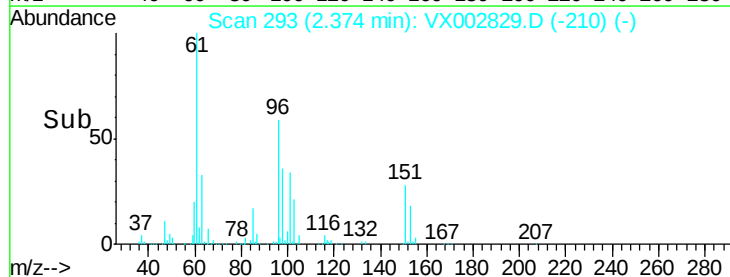
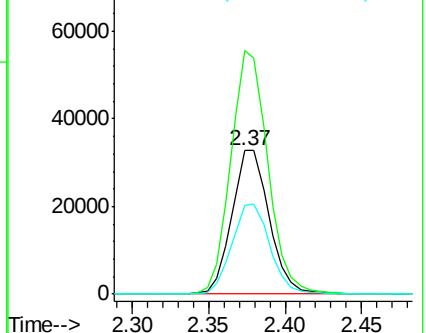
98 61.7 51.4 77.2

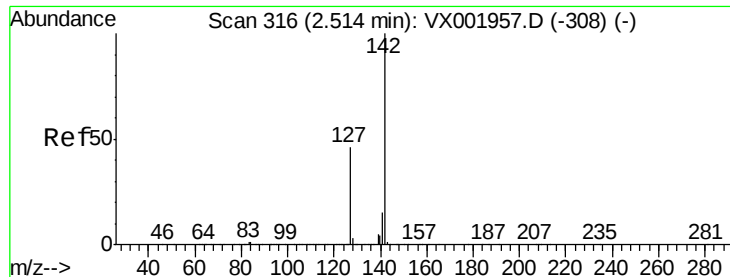


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

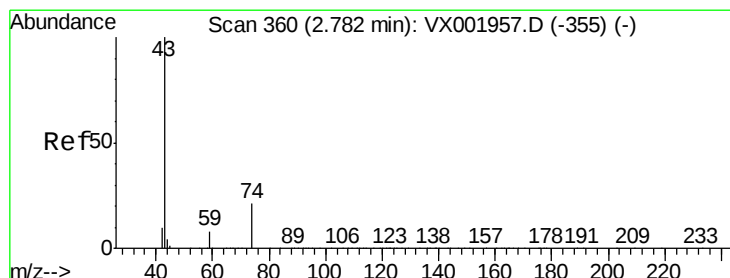
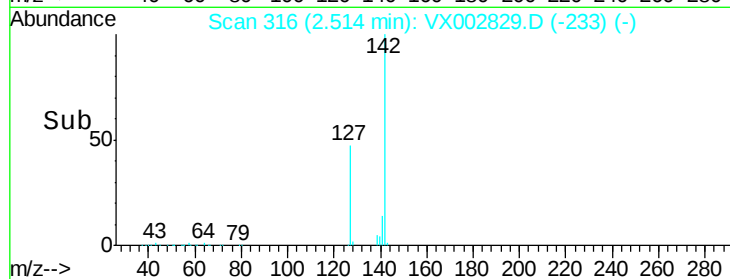
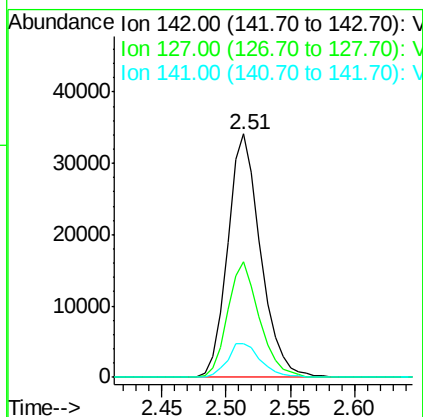
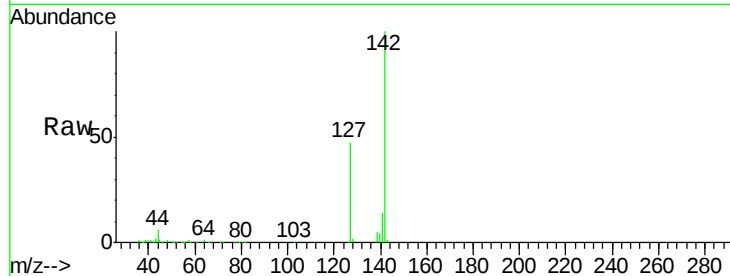




#11
Methyl Iodide
Concen: 19.878 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

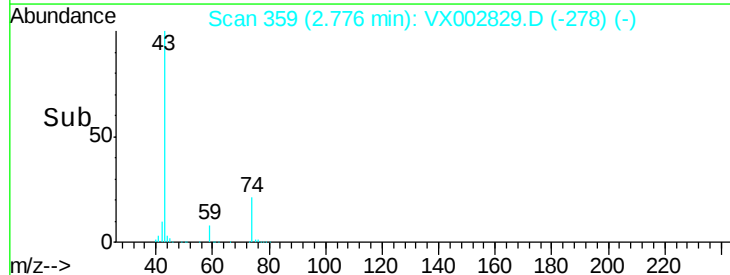
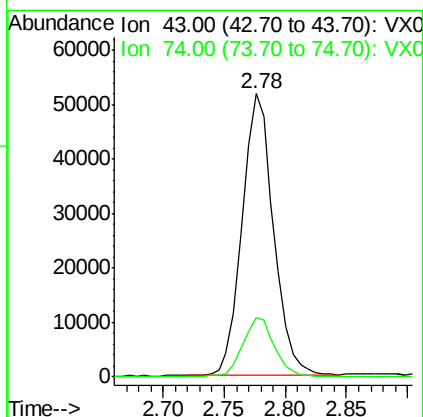
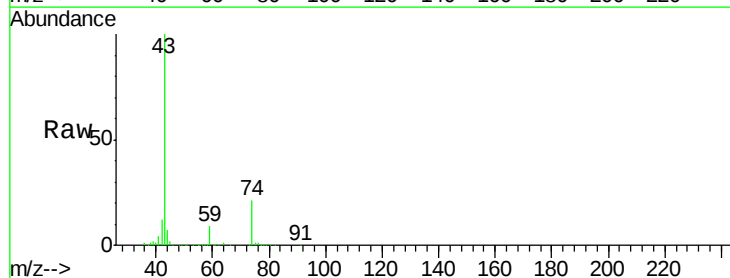
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

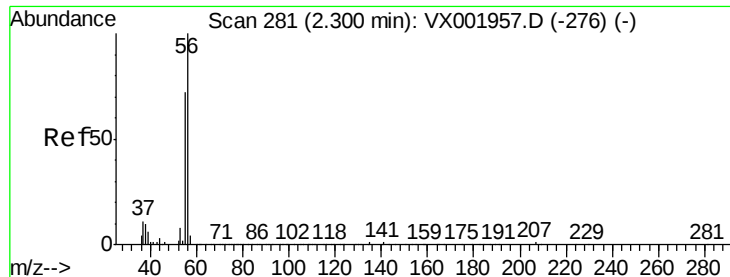
Tgt Ion:142 Resp: 60864
Ion Ratio Lower Upper
142 100
127 47.3 23.2 69.6
141 13.6 7.4 22.2



#12
Methyl Acetate
Concen: 21.521 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 43 Resp: 92854
Ion Ratio Lower Upper
43 100
74 20.9 16.4 24.6





#13

Acrolein

Concen: 70.729 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

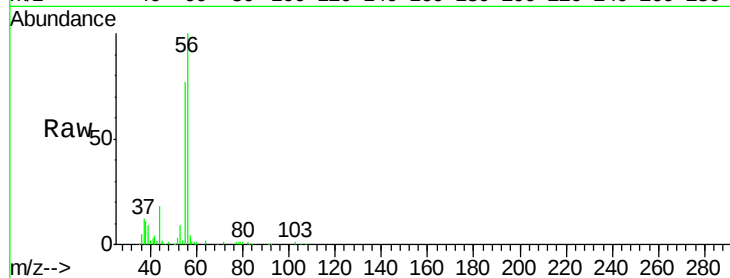
VSTDCCC020

Tgt Ion: 56 Resp: 21697

Ion Ratio Lower Upper

56 100

55 72.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

15000

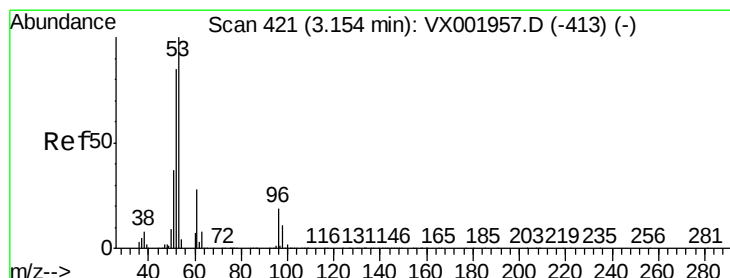
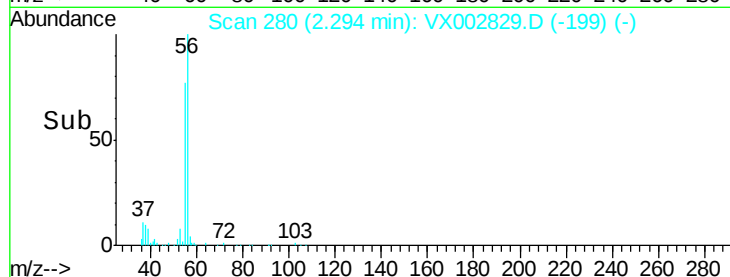
10000

5000

0

Time-->

2.25 2.30 2.35



#14

Acrylonitrile

Concen: 101.073 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

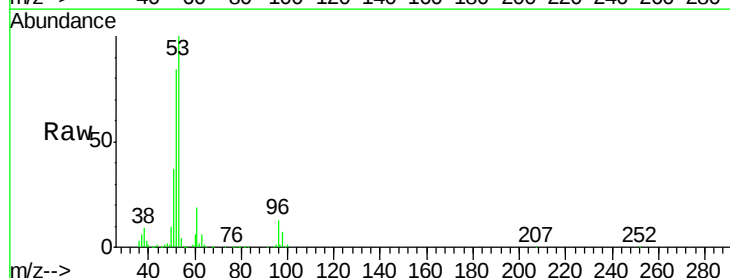
Tgt Ion: 53 Resp: 164015

Ion Ratio Lower Upper

53 100

52 83.7 41.5 124.6

51 37.2 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

100000

80000

60000

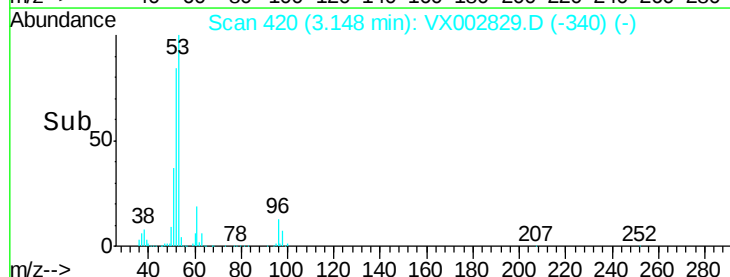
40000

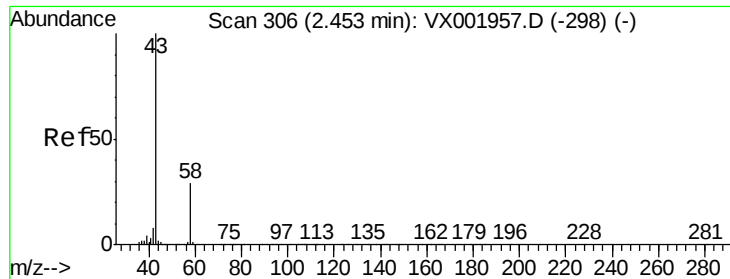
20000

0

Time-->

3.10 3.20 3.30





#15

Acetone

Concen: 104.748 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

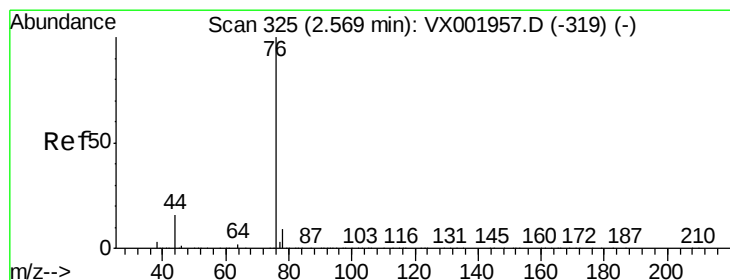
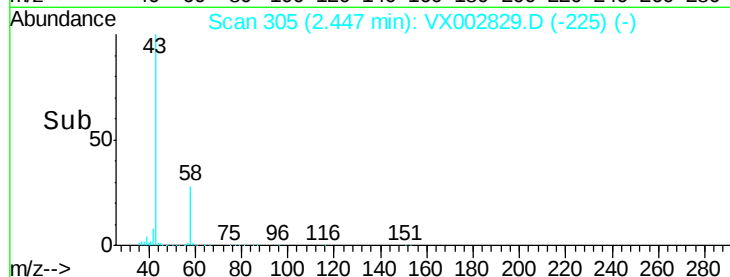
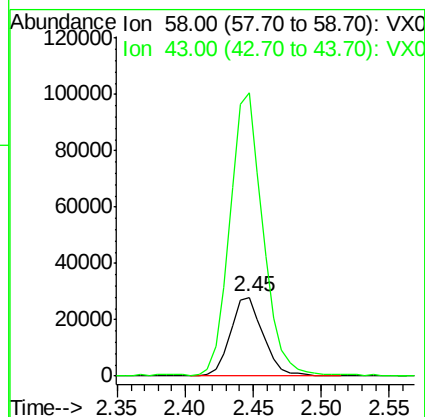
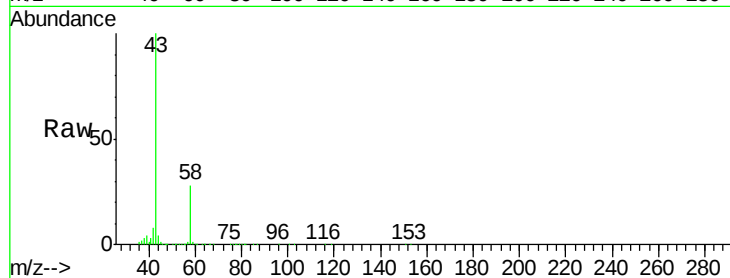
VSTDCCC020

Tgt Ion: 58 Resp: 47246

Ion Ratio Lower Upper

58 100

43 359.8 278.8 418.2



#16

Carbon Disulfide

Concen: 21.388 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002829.D

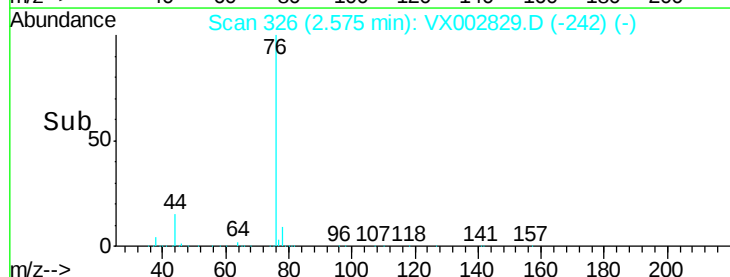
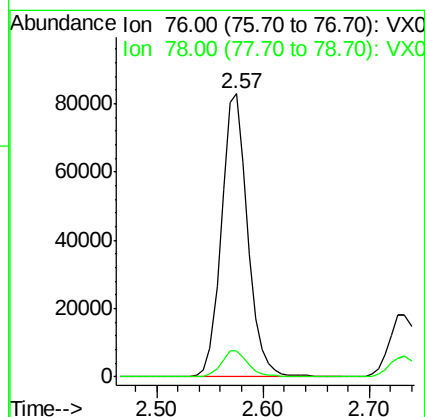
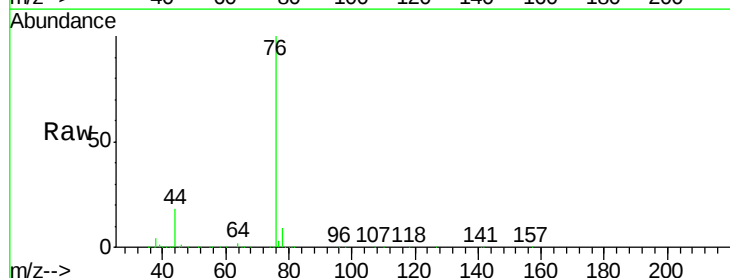
Acq: 22 Jun 2018 11:51

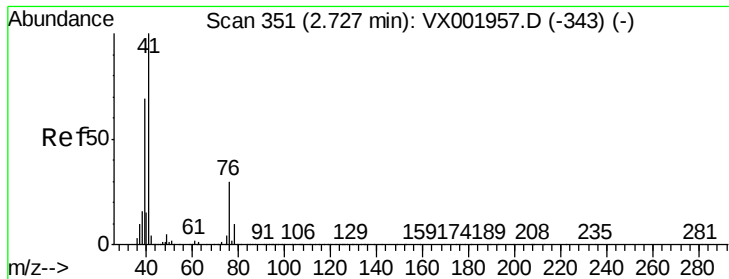
Tgt Ion: 76 Resp: 142381

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

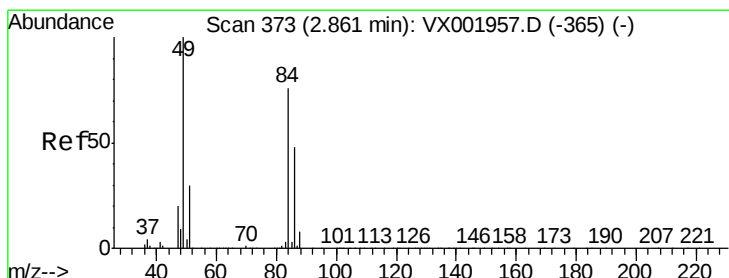
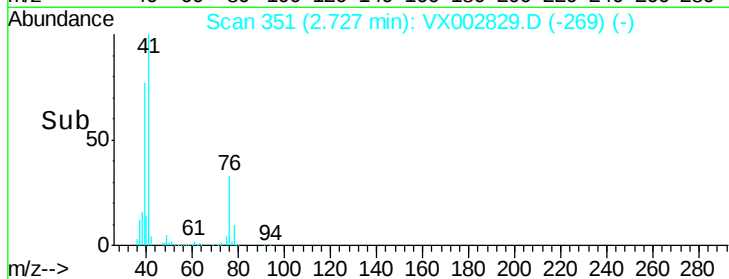
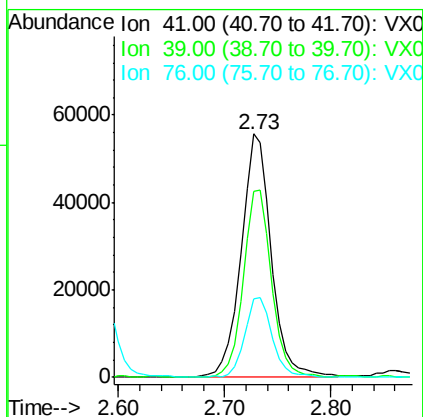
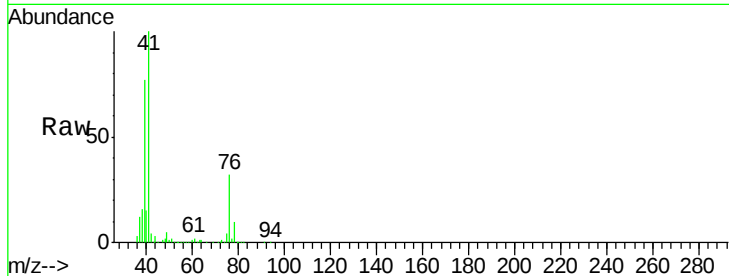




#17
 Allyl chloride
 Concen: 20.722 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

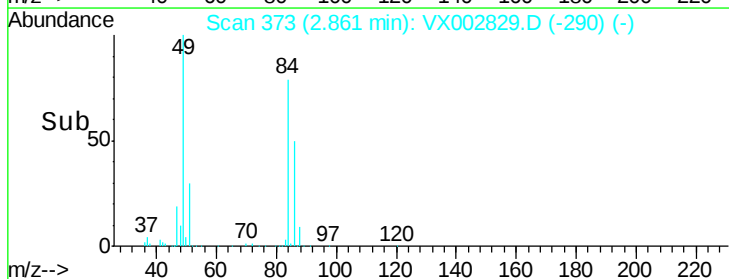
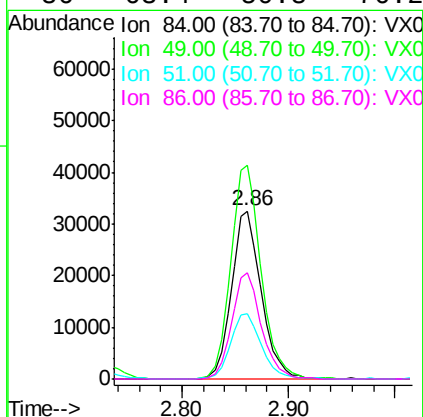
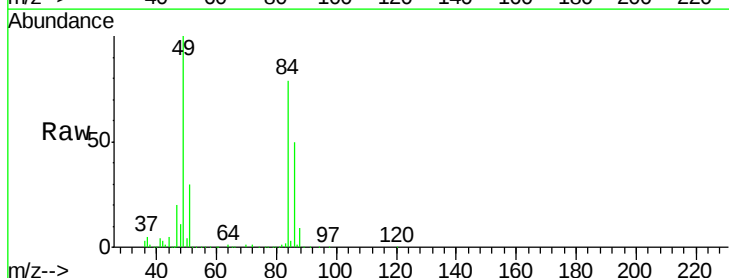
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

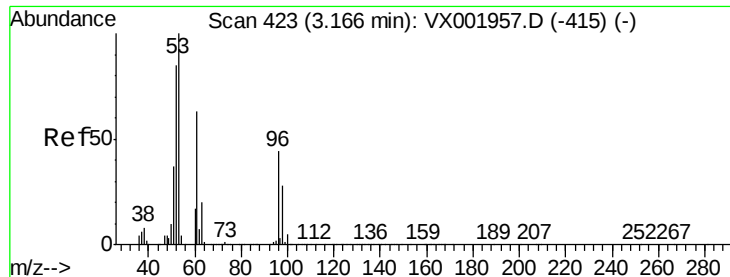
Tgt Ion:	41	Resp:	109632
Ion	Ratio	Lower	Upper
41	100		
39	76.7	34.6	103.8
76	32.3	15.0	45.1



#18
 Methylene Chloride
 Concen: 20.906 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion:	84	Resp:	63618
Ion	Ratio	Lower	Upper
84	100		
49	127.3	104.7	157.1
51	38.8	31.0	46.4
86	63.4	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 21.386 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

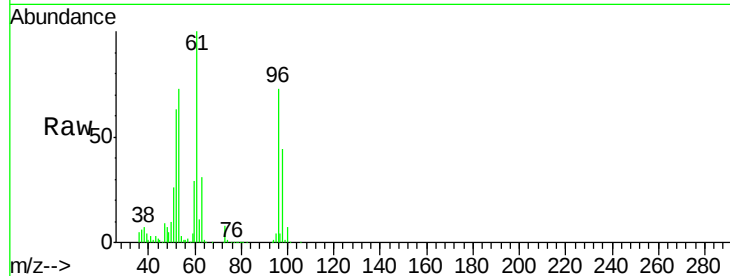
Tgt Ion: 96 Resp: 60968

Ion Ratio Lower Upper

96 100

61 137.2 114.6 172.0

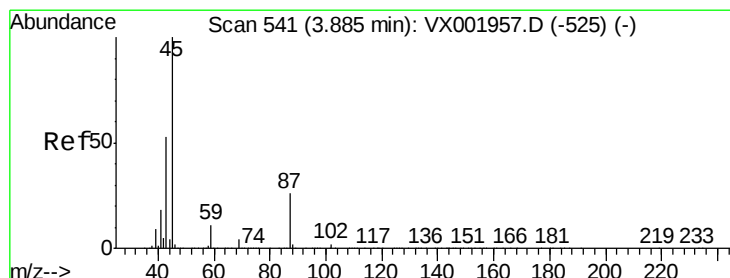
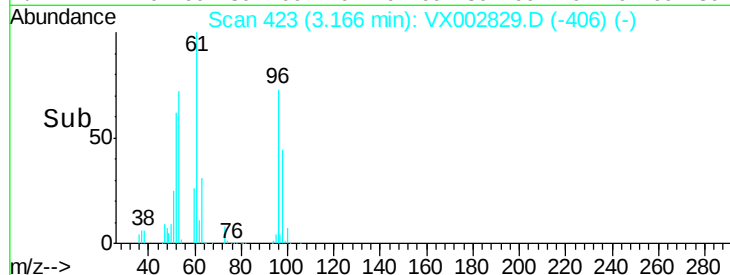
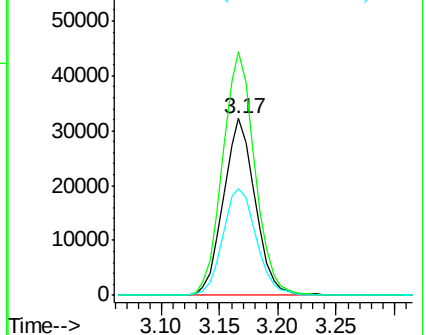
98 60.1 51.3 76.9



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



#20

Diisopropyl ether

Concen: 21.728 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion: 45 Resp: 214199

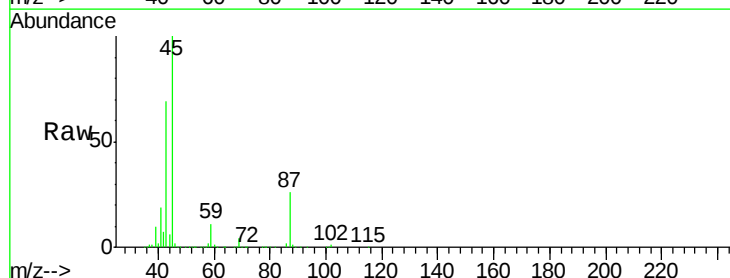
Ion Ratio Lower Upper

45 100

43 67.2 45.6 68.4

87 26.0 20.7 31.1

59 11.2 8.9 13.3

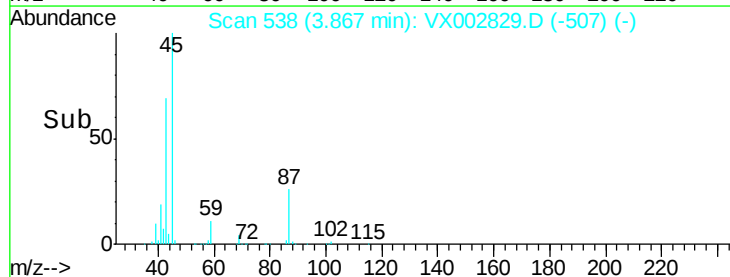
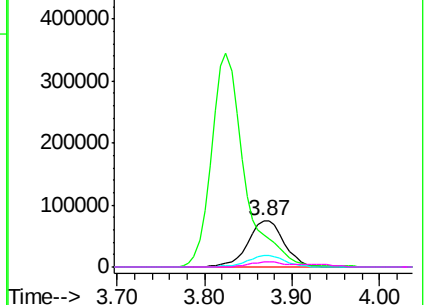


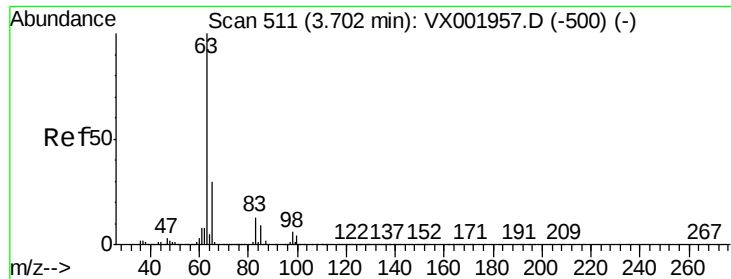
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 21.853 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

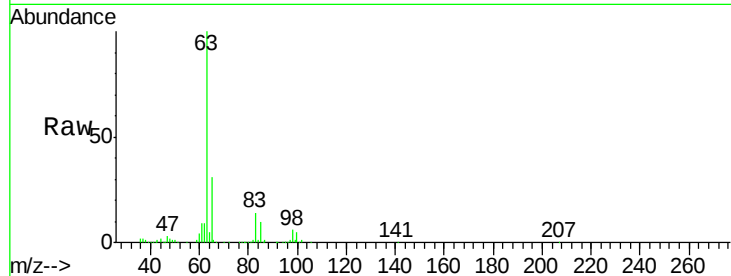
Tgt Ion: 63 Resp: 115845

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

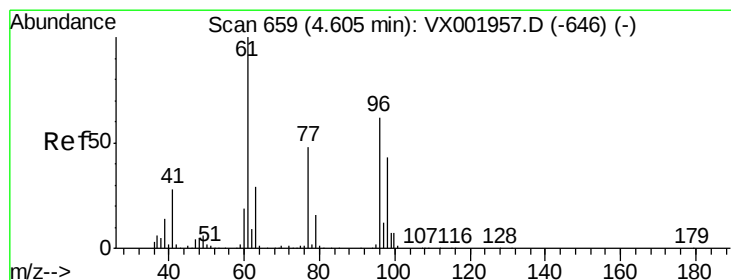
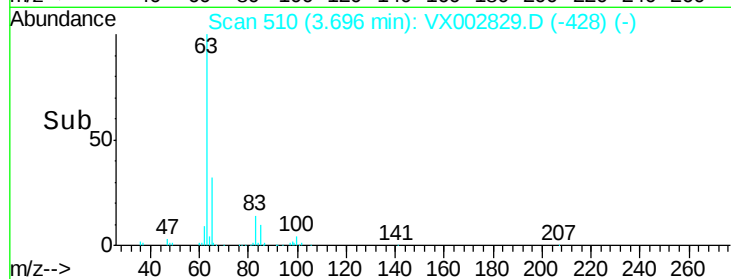
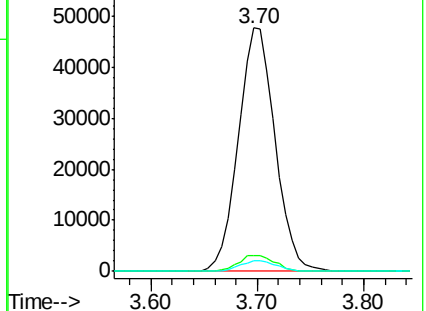
100 4.6 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX001957.D (-500) (-)

Ion 98.00 (97.70 to 98.70): VX001957.D (-500) (-)

Ion 100.00 (99.70 to 100.70): VX001957.D (-500) (-)



#22

cis-1,2-Dichloroethene

Concen: 22.261 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

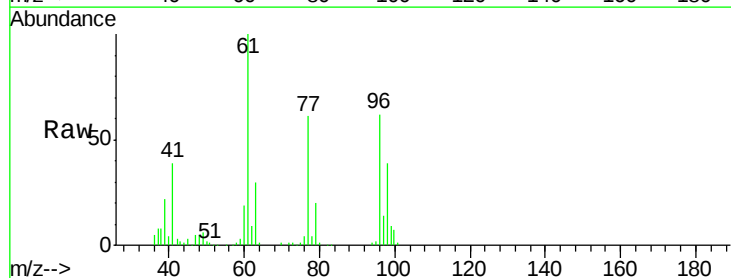
Tgt Ion: 96 Resp: 68217

Ion Ratio Lower Upper

96 100

61 176.1 160.2 240.2

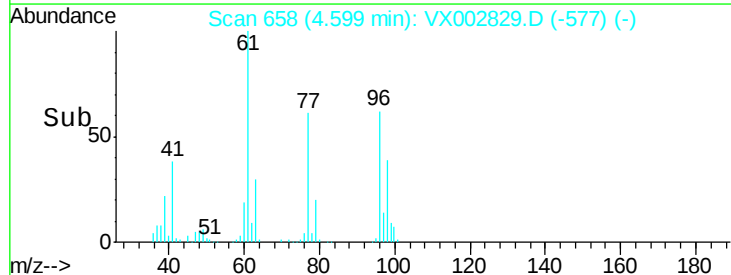
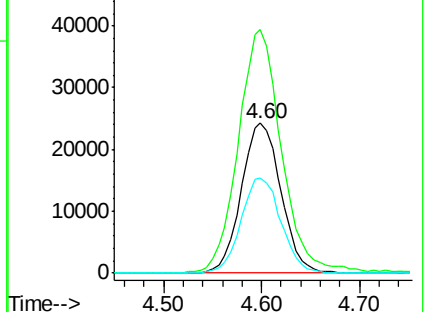
98 64.1 54.1 81.1

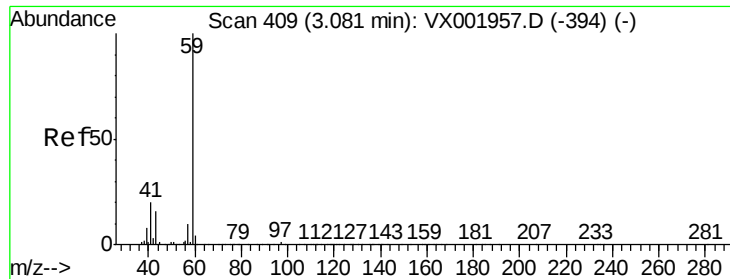


Abundance Ion 96.00 (95.70 to 96.70): VX001957.D (-646) (-)

Ion 61.00 (60.70 to 61.70): VX001957.D (-646) (-)

Ion 98.00 (97.70 to 98.70): VX001957.D (-646) (-)

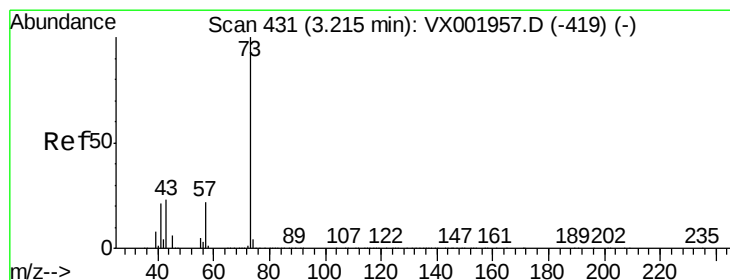
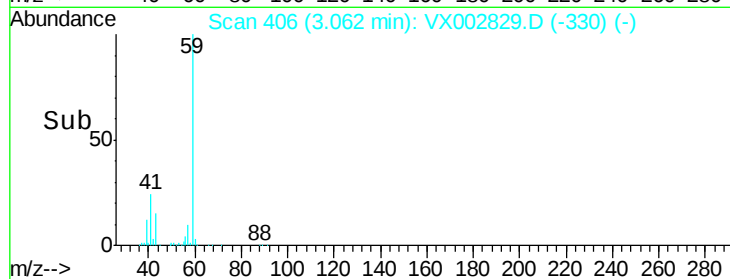
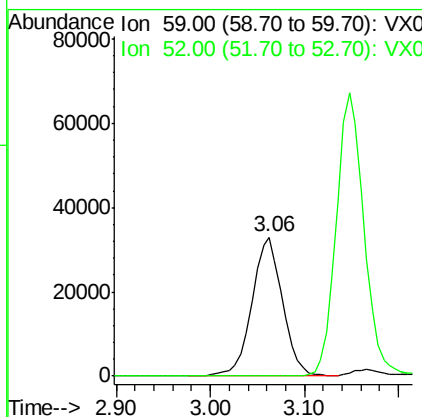
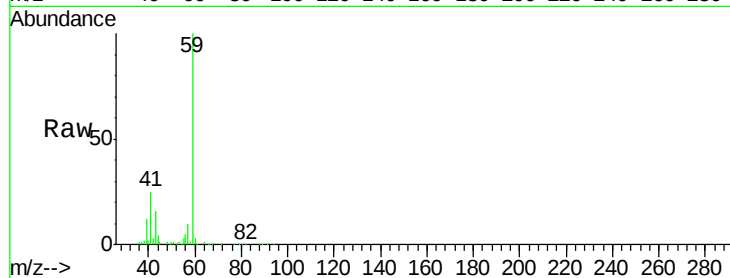




#23
tert-Butyl Alcohol
Concen: 102.302 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.04 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

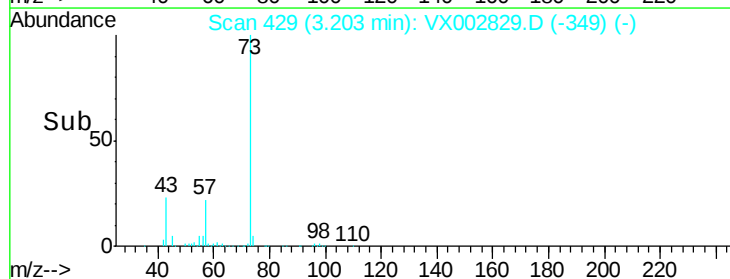
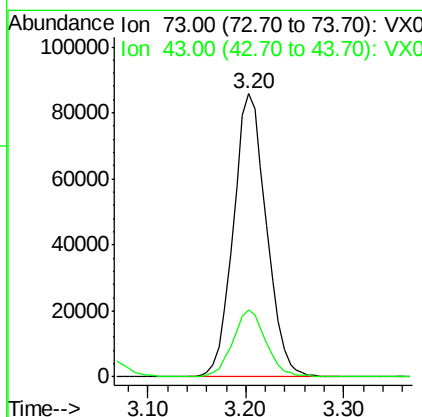
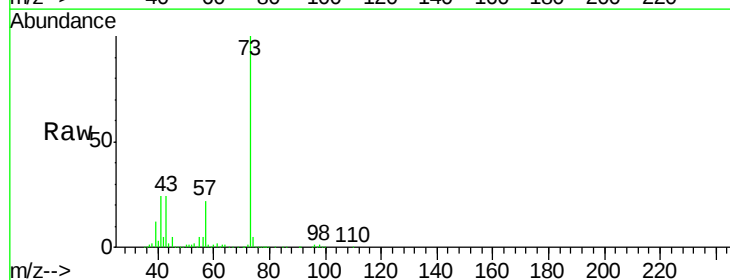
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

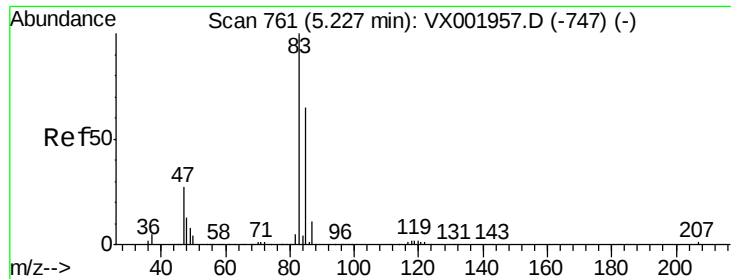
Tgt Ion: 59 Resp: 75371
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 20.210 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 73 Resp: 200616
Ion Ratio Lower Upper
73 100
43 23.4 19.0 28.4





#25

Chloroform

Concen: 22.280 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

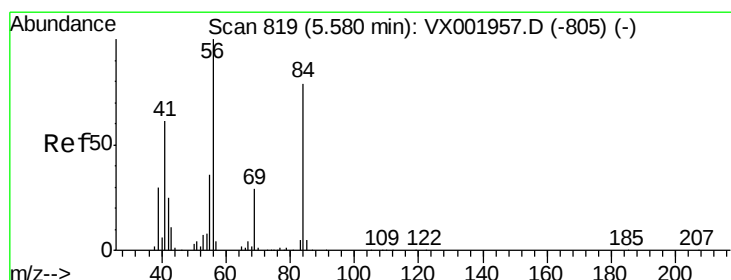
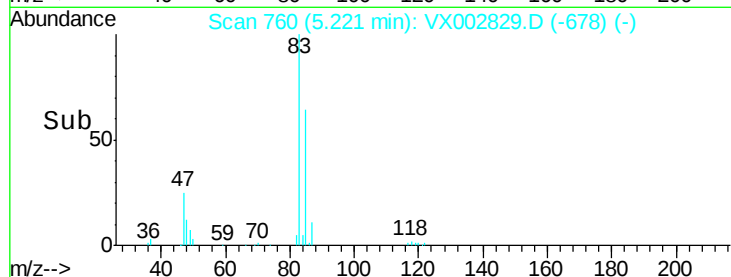
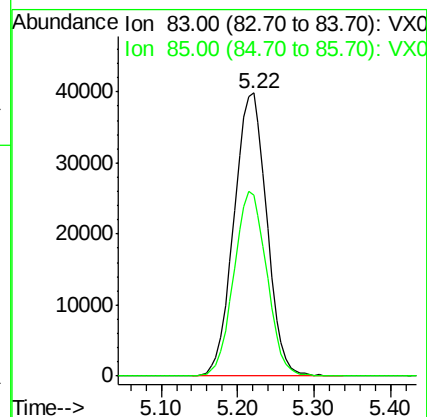
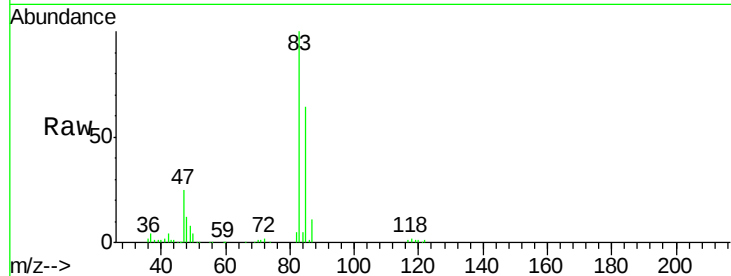
VSTDCCC020

Tgt Ion: 83 Resp: 118523

Ion Ratio Lower Upper

83 100

85 63.7 51.9 77.9



#26

Cyclohexane

Concen: 21.541 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

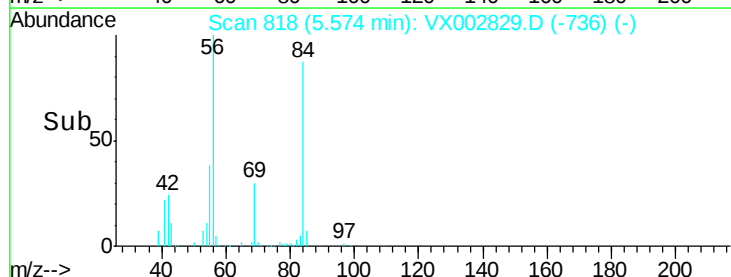
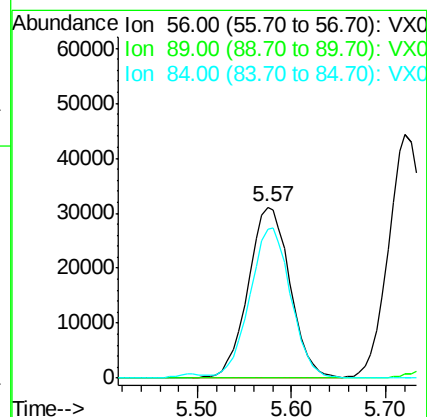
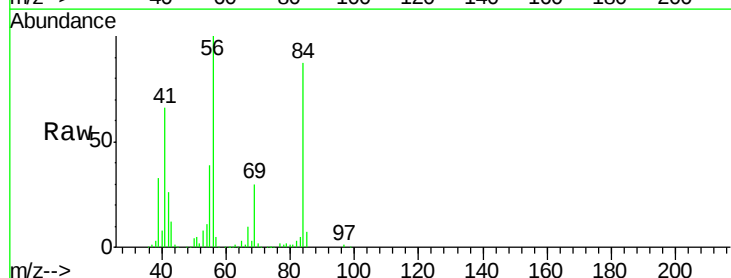
Tgt Ion: 56 Resp: 97014

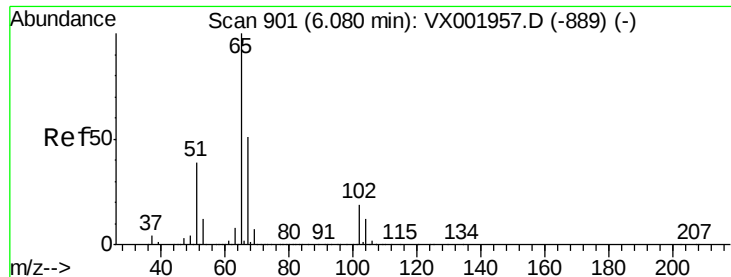
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.3 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 30.068 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

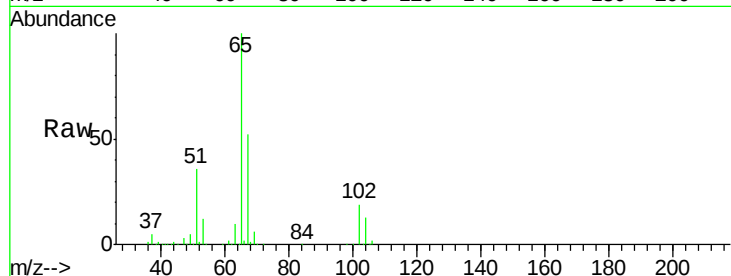
VSTDCCC020

Tgt Ion: 65 Resp: 118081

Ion Ratio Lower Upper

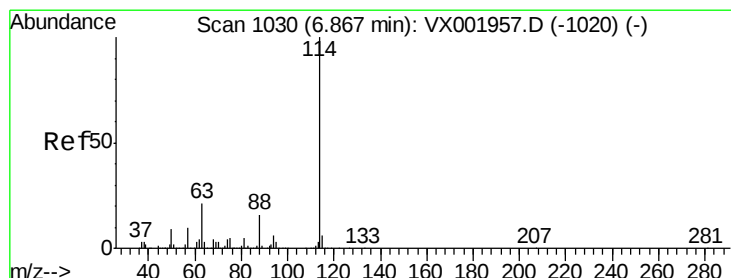
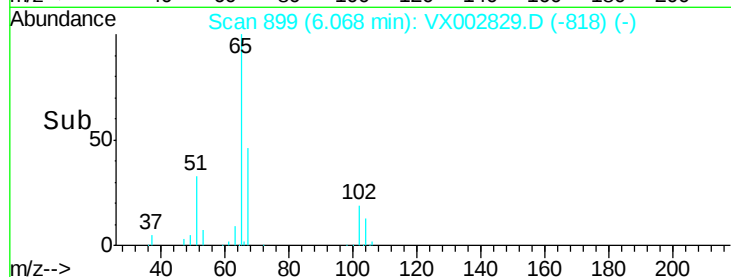
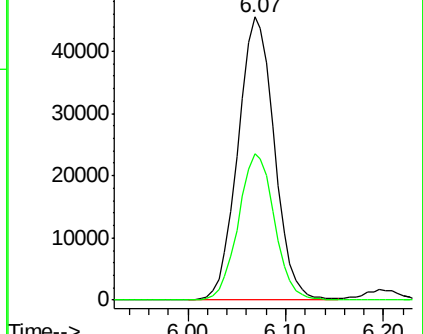
65 100

67 51.0 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: 30.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

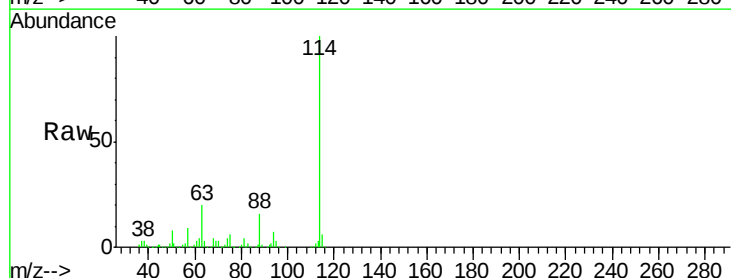
Tgt Ion: 114 Resp: 282885

Ion Ratio Lower Upper

114 100

63 20.4 17.1 25.7

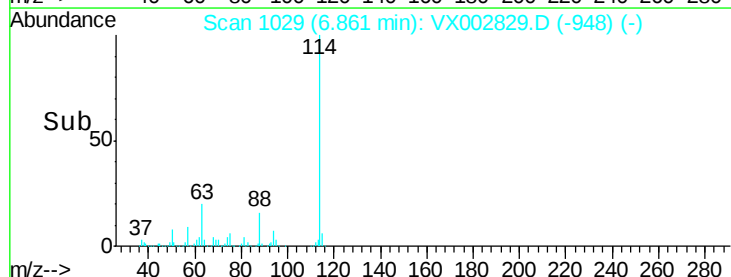
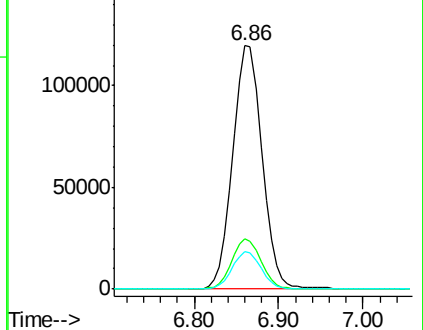
88 15.2 12.6 19.0

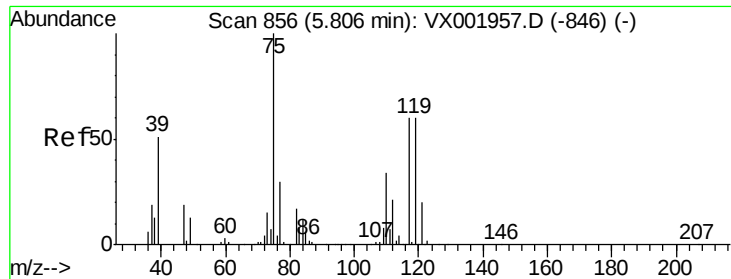


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

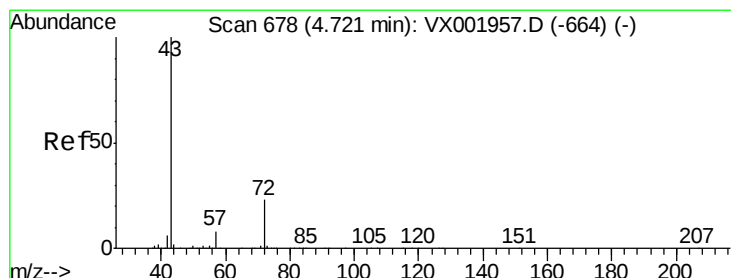
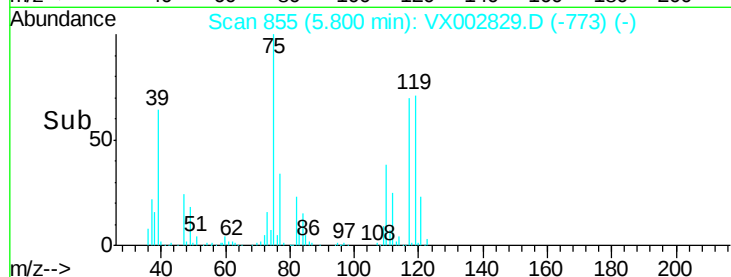
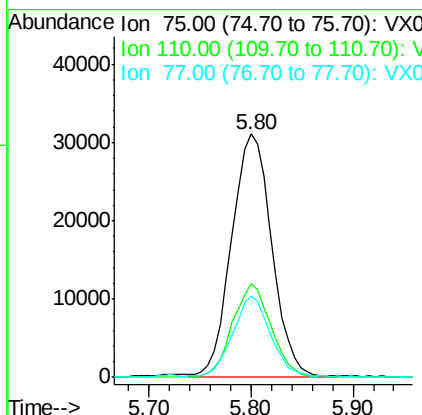
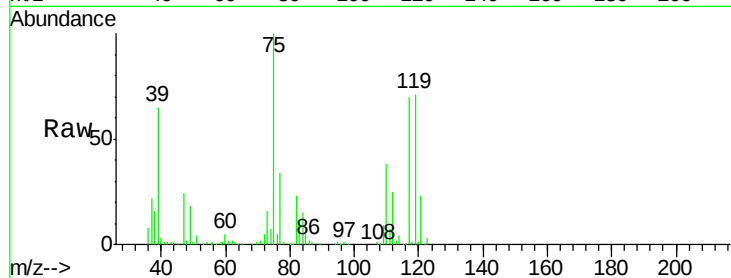




#29
 1,1-Dichloropropene
 Concen: 22.179 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

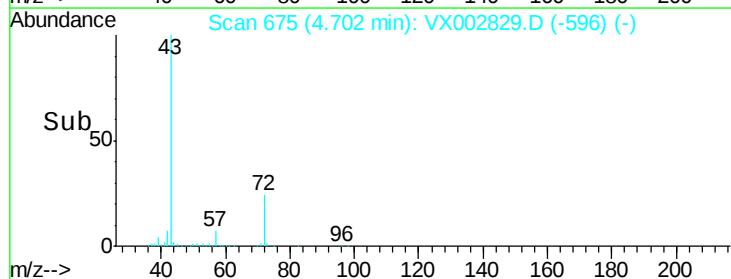
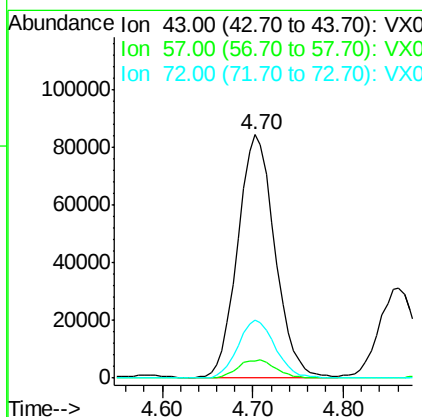
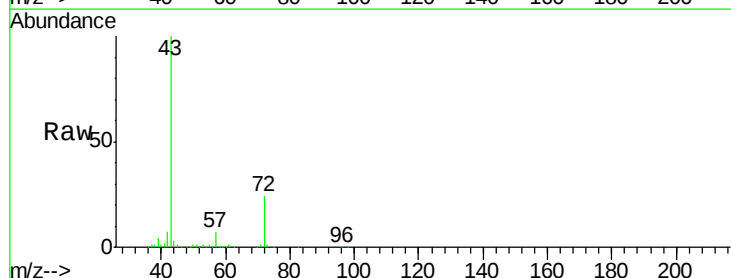
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

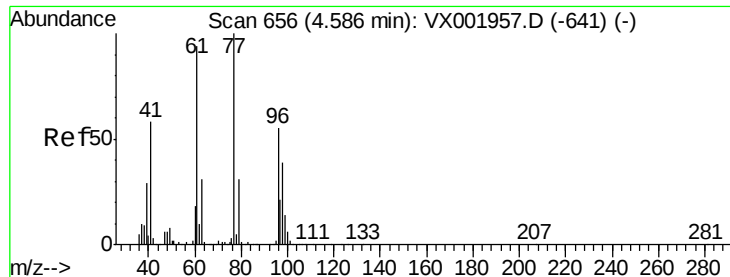
Tgt Ion: 75 Resp: 84729
 Ion Ratio Lower Upper
 75 100
 110 37.3 0.0 71.4
 77 31.7 0.0 60.6



#30
 2-Butanone
 Concen: 109.244 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion: 43 Resp: 238805
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.1 9.1
 72 23.7 18.1 27.1





#31

2,2-Dichloropropane

Concen: 22.640 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

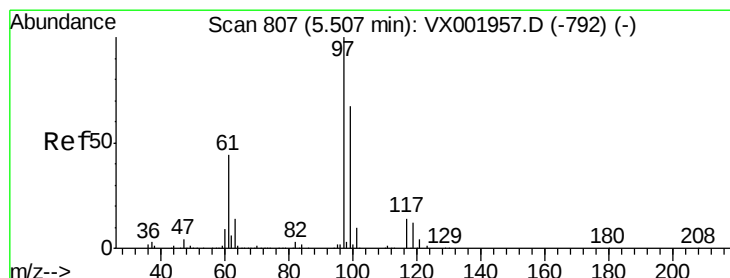
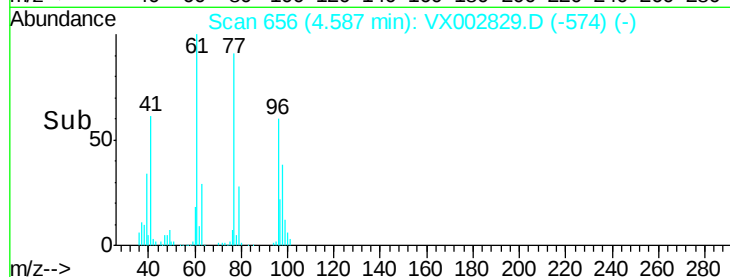
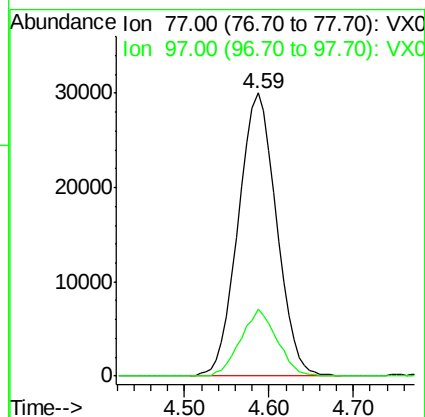
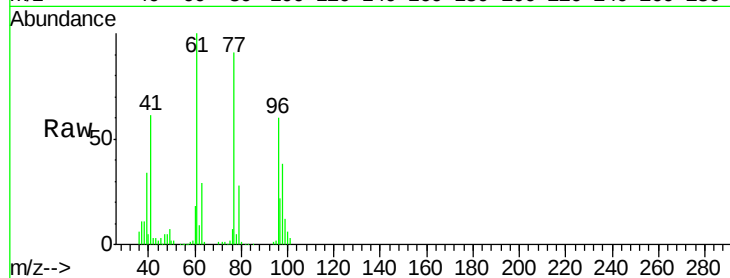
VSTDCCC020

Tgt Ion: 77 Resp: 92434

Ion Ratio Lower Upper

77 100

97 22.5 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 22.042 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

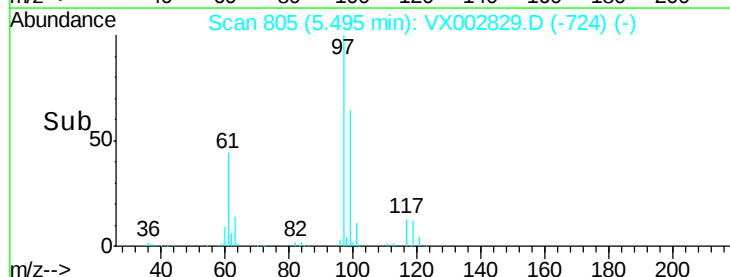
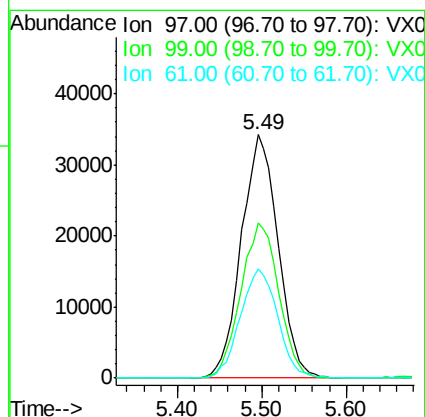
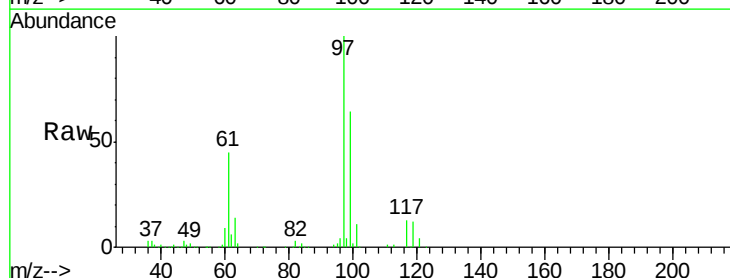
Tgt Ion: 97 Resp: 101721

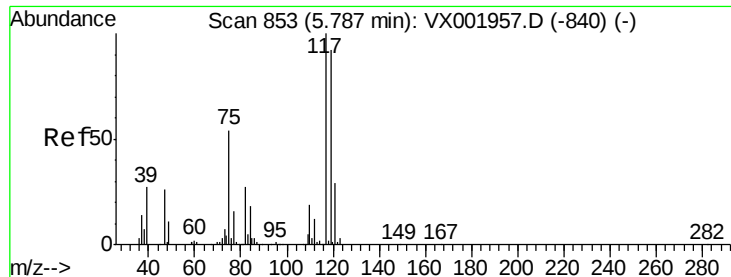
Ion Ratio Lower Upper

97 100

99 65.7 51.7 77.5

61 45.6 36.4 54.6





#33

Carbon Tetrachloride

Concen: 21.955 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

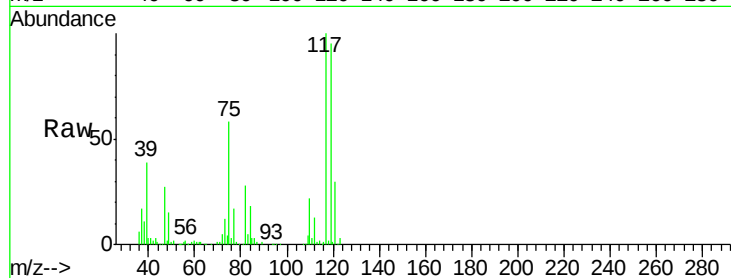
Tgt Ion: 117 Resp: 91068

Ion Ratio Lower Upper

117 100

119 94.7 73.3 109.9

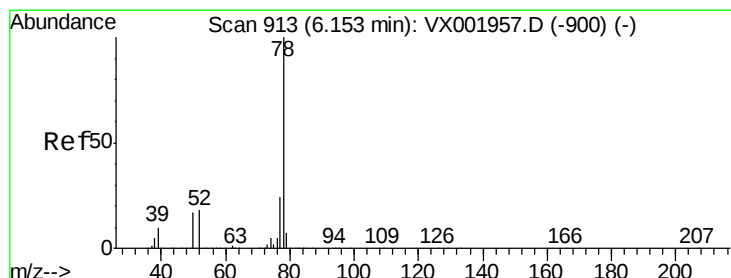
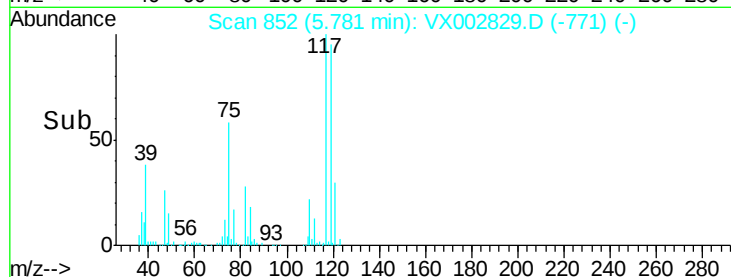
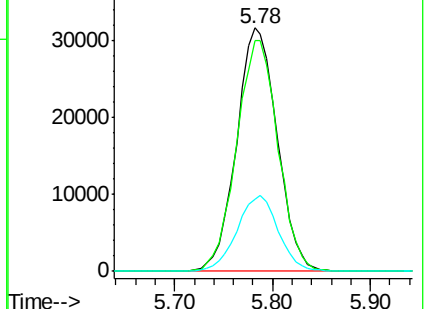
121 29.8 23.6 35.4



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: 22.114 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

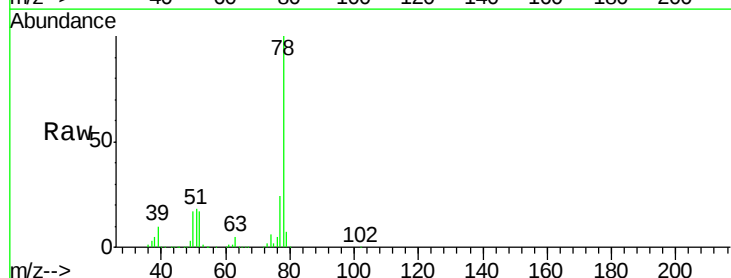
Tgt Ion: 78 Resp: 250191

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

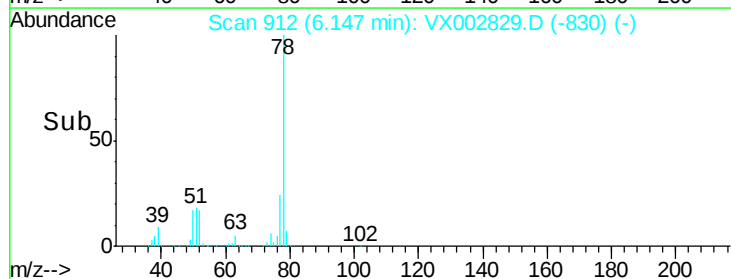
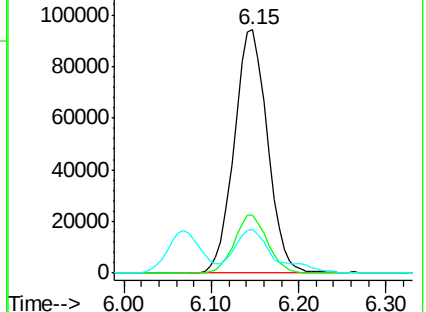
51 17.7 13.8 20.6

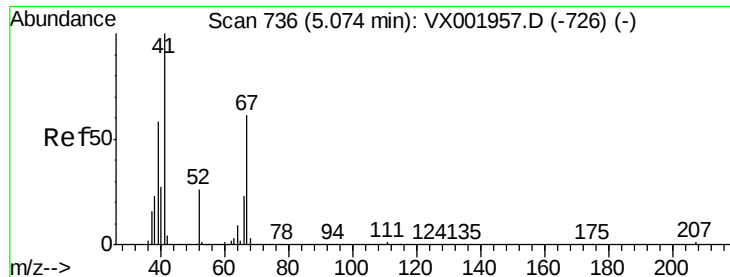


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

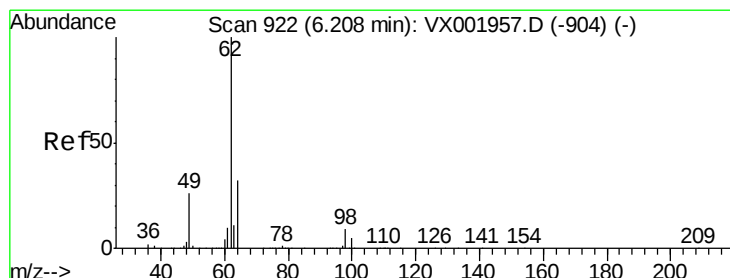
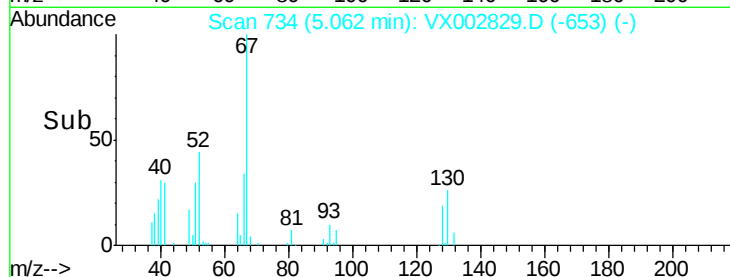
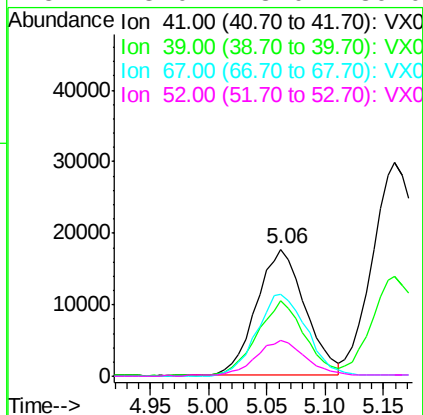
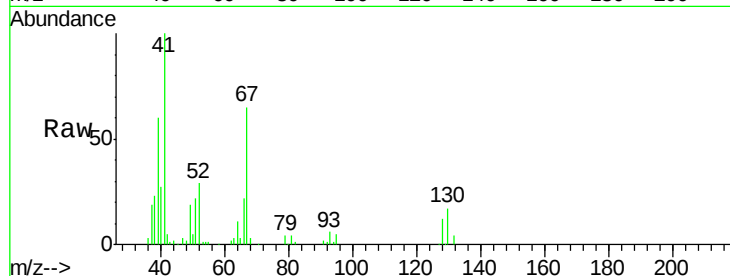




#35
Methacrylonitrile
Concen: 21.522 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

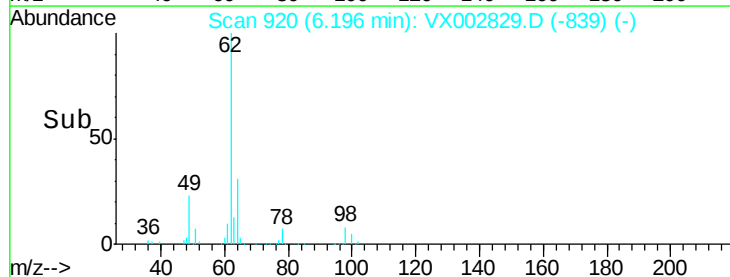
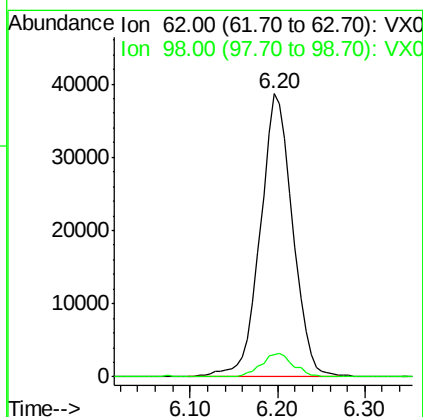
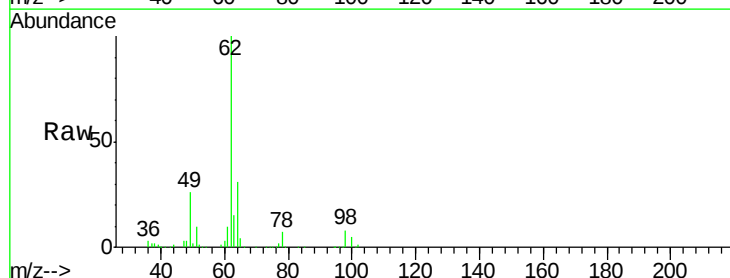
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

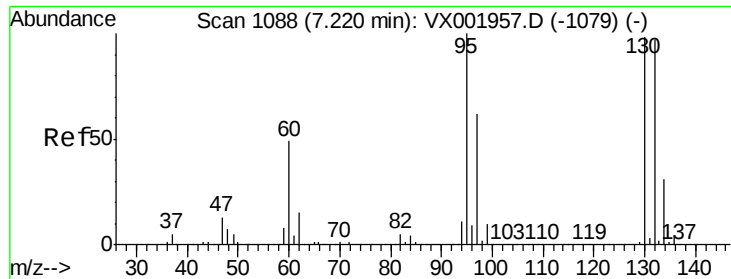
Tgt Ion:	41	Resp:	51222
Ion	Ratio	Lower	Upper
41	100		
39	58.5	28.8	86.5
67	65.4	30.4	91.2
52	28.0	13.0	39.0



#36
1,2-Dichloroethane
Concen: 22.538 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:	62	Resp:	100109
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.5	9.7

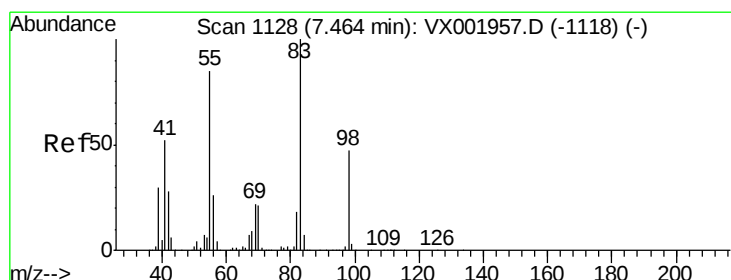
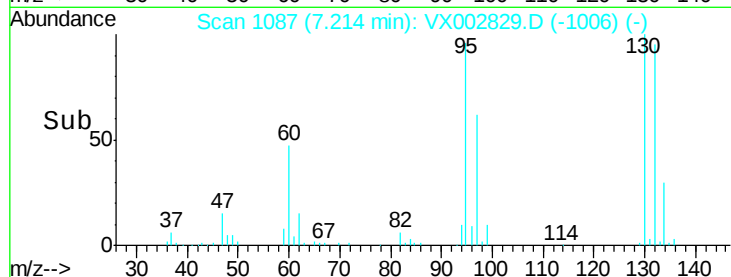
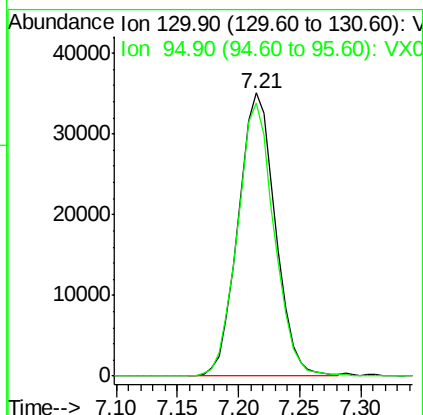
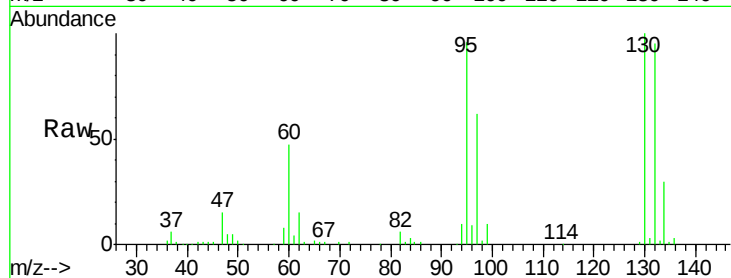




#37
 Trichloroethene
 Concen: 22.383 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

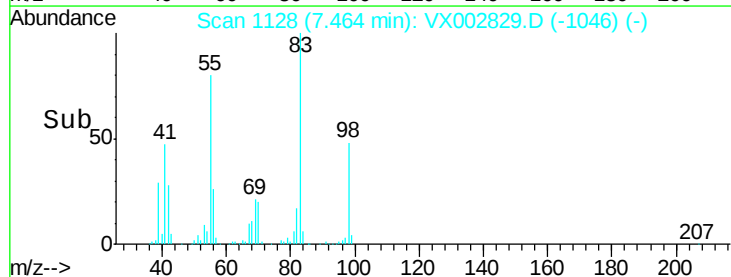
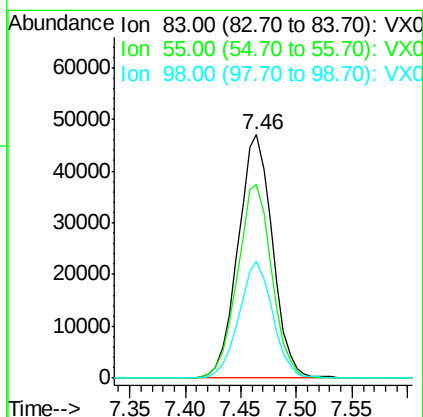
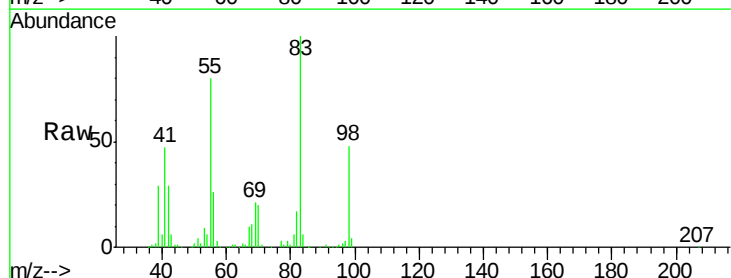
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

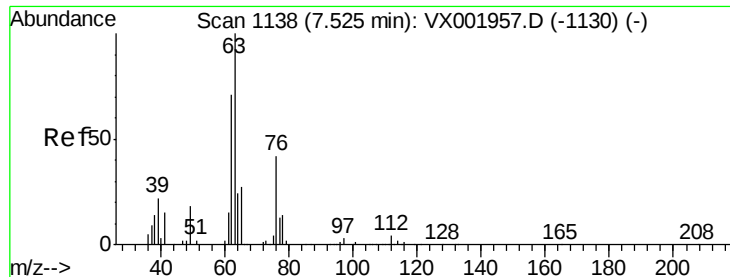
Tgt Ion:130 Resp: 74167
 Ion Ratio Lower Upper
 130 100
 95 96.4 81.5 122.3



#38
 Methylcyclohexane
 Concen: 21.769 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion: 83 Resp: 101175
 Ion Ratio Lower Upper
 83 100
 55 79.4 40.6 121.8
 98 47.1 23.5 70.5

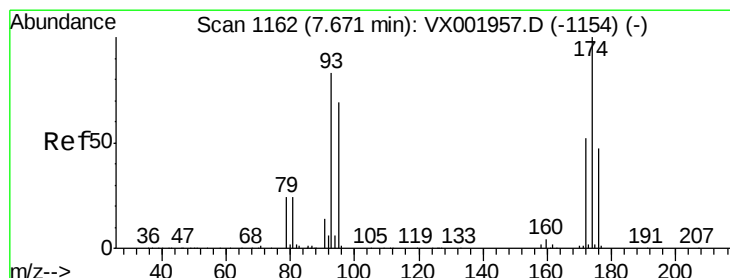
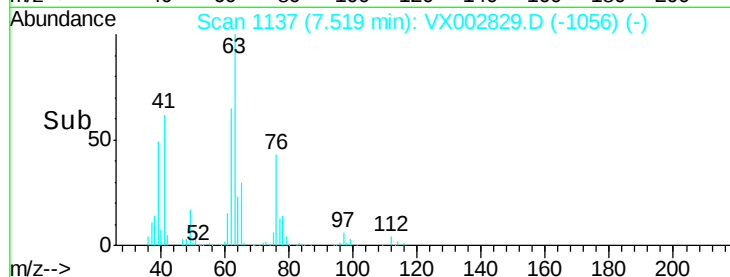
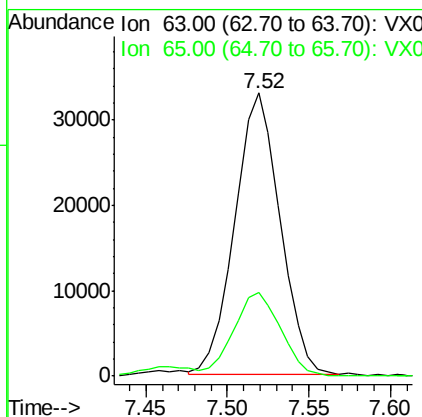
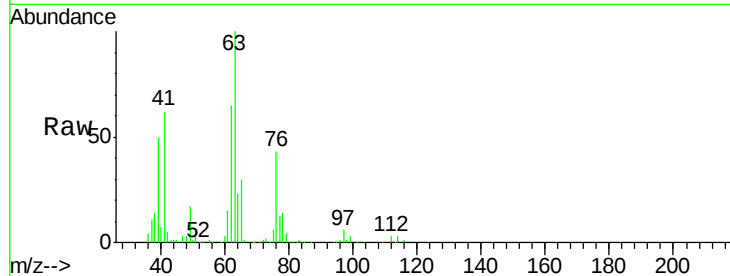




#39
 1,2-Dichloropropane
 Concen: 21.603 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

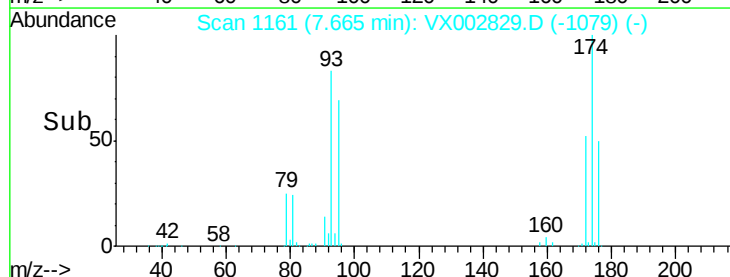
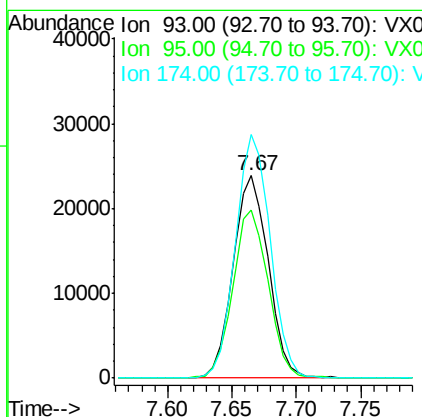
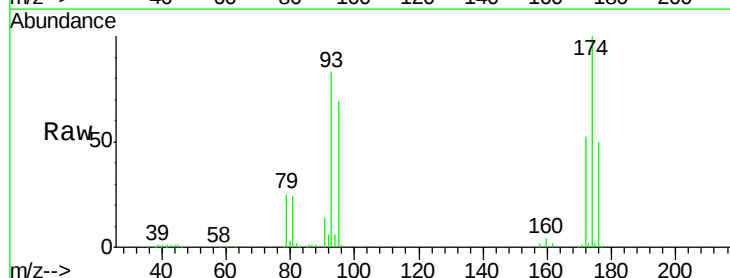
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

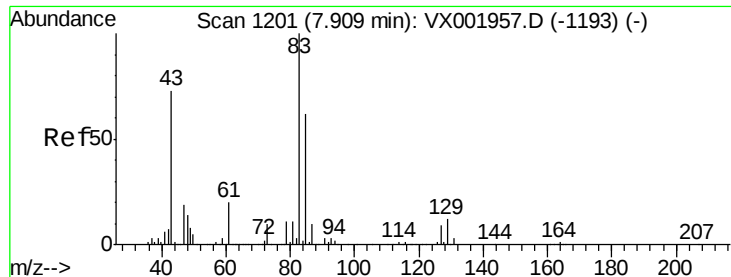
Tgt Ion: 63 Resp: 63752
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.3 34.9



#40
 Dibromomethane
 Concen: 22.153 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion: 93 Resp: 45420
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 162.6
 174 119.0 0.0 229.4





#41

Bromodichloromethane

Concen: 21.776 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

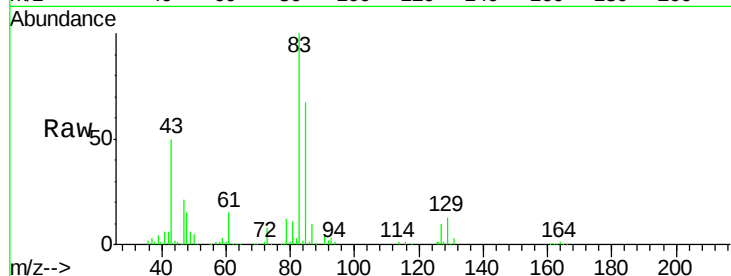
Tgt Ion: 83 Resp: 83870

Ion Ratio Lower Upper

83 100

85 67.0 49.8 74.8

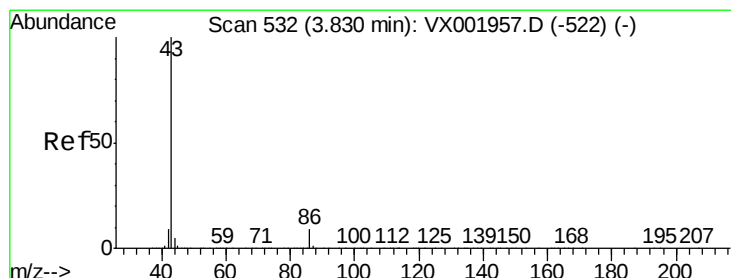
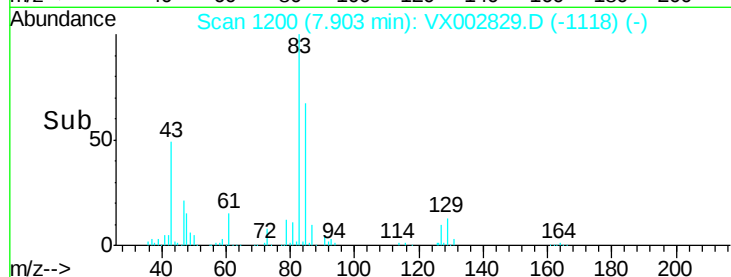
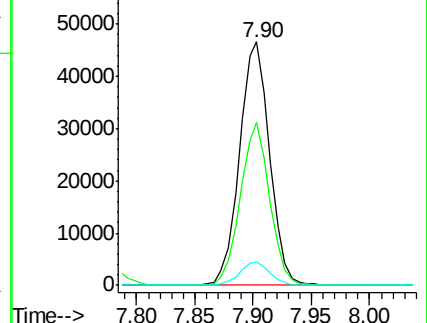
127 9.8 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 109.207 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002829.D

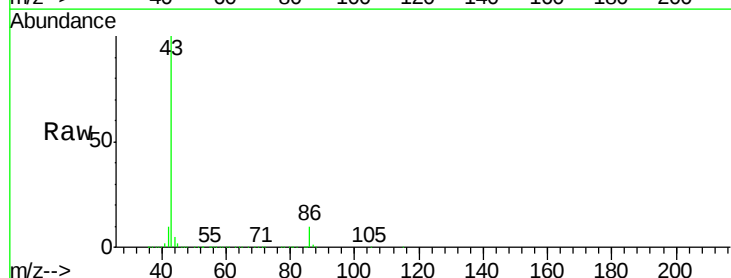
Acq: 22 Jun 2018 11:51

Tgt Ion: 43 Resp: 905379

Ion Ratio Lower Upper

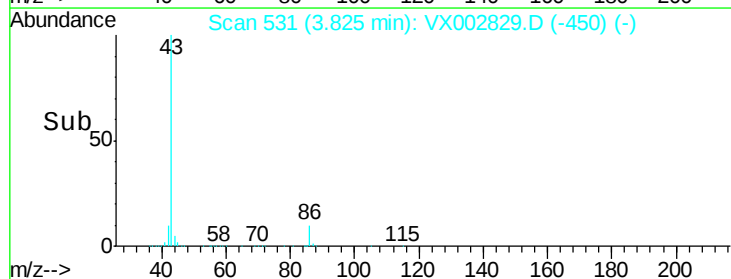
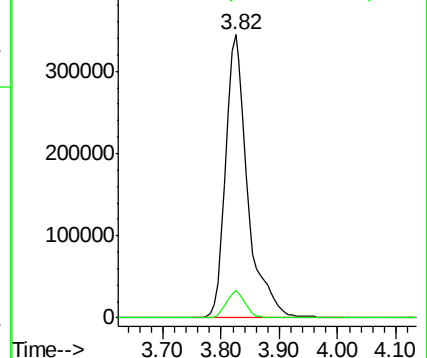
43 100

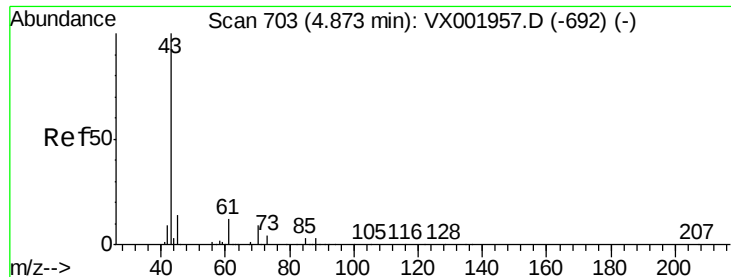
86 8.3 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

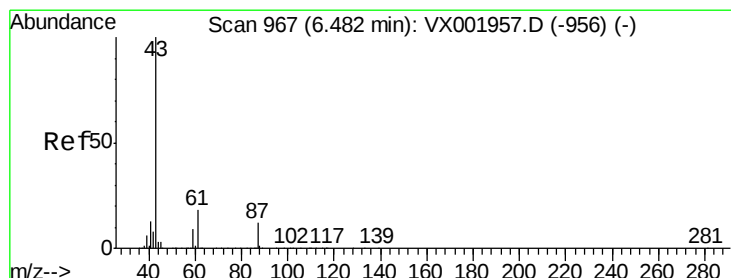
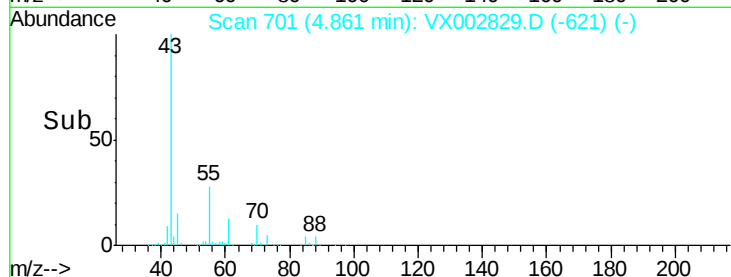
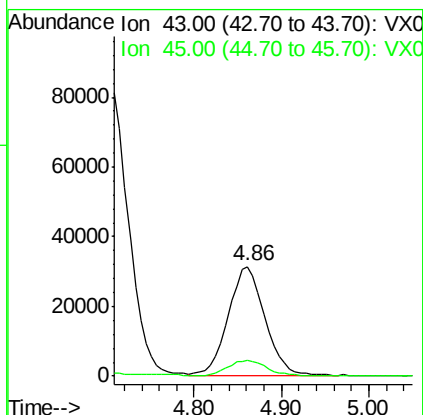
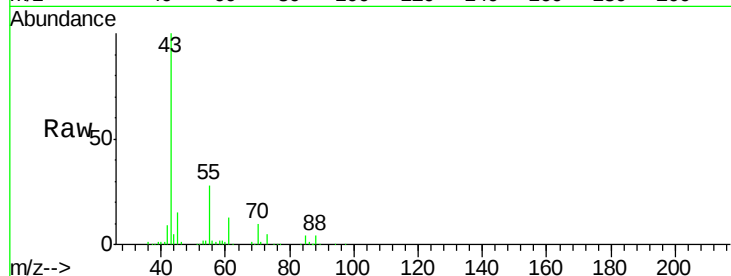




#43
Ethyl Acetate
Concen: 21.823 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

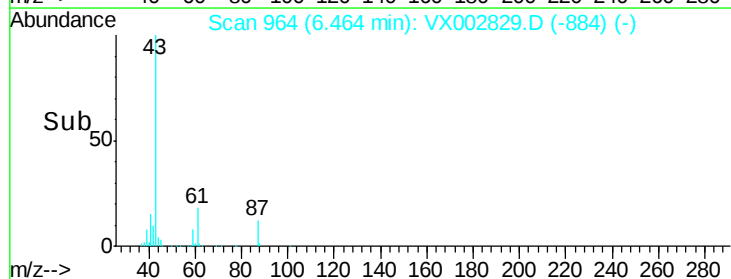
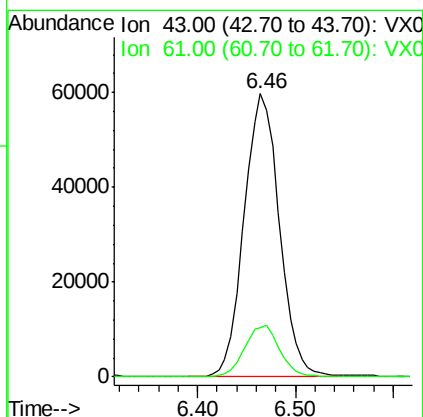
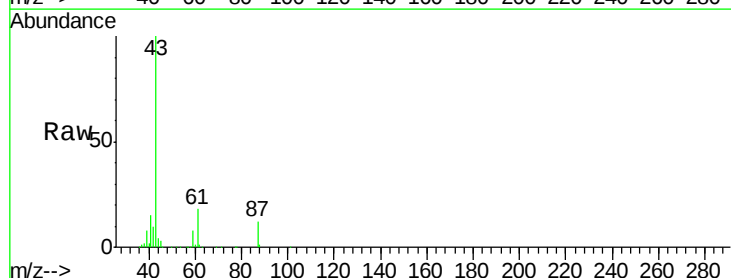
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

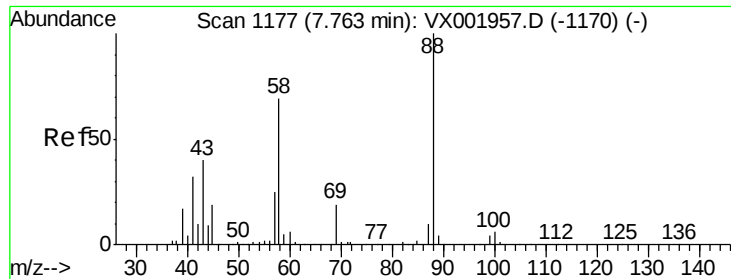
Tgt Ion: 43 Resp: 91239
Ion Ratio Lower Upper
43 100
45 15.4 11.0 16.4



#44
Isopropyl Acetate
Concen: 21.326 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 43 Resp: 149392
Ion Ratio Lower Upper
43 100
61 18.3 14.5 21.7

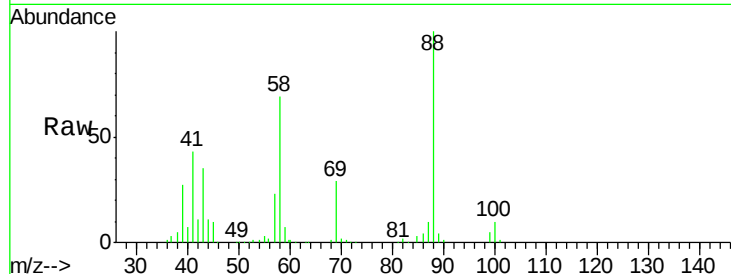




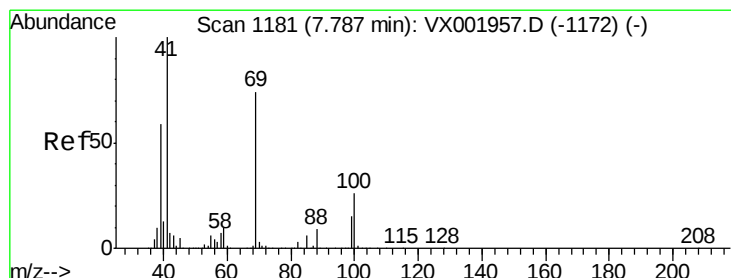
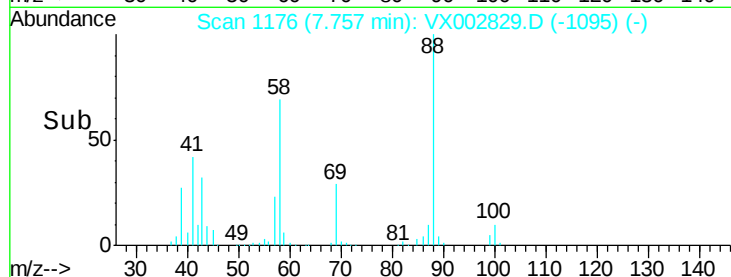
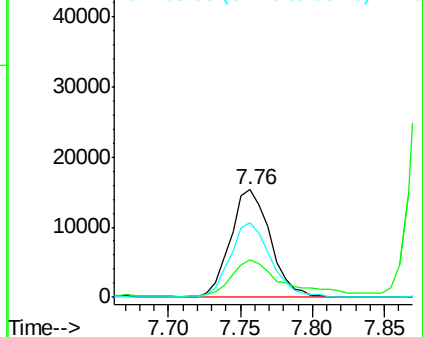
#45
 1,4-Dioxane
 Concen: 434.515 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 88 Resp: 29819
 Ion Ratio Lower Upper
 88 100
 43 44.7 43.2 64.8
 58 70.5 60.2 90.2

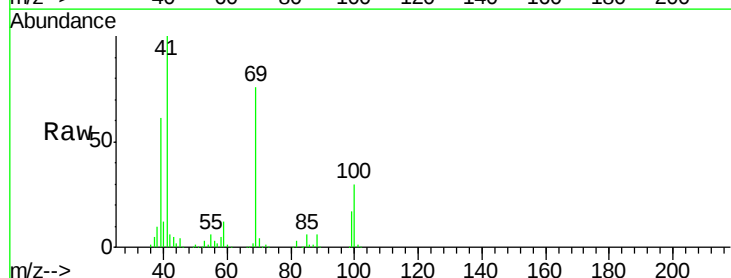


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

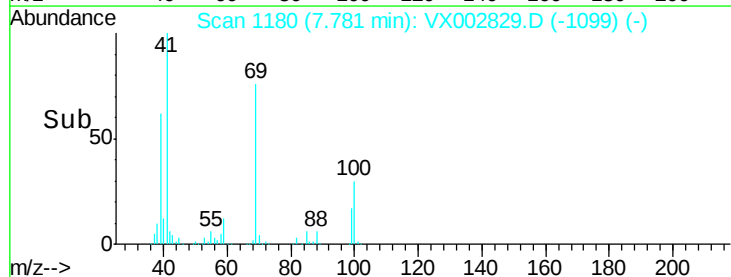
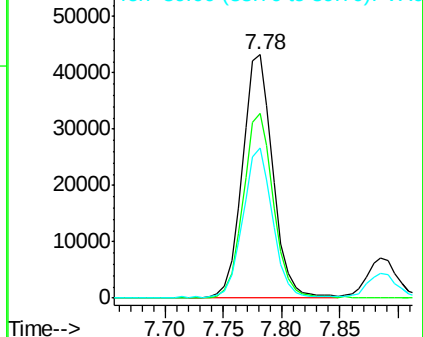


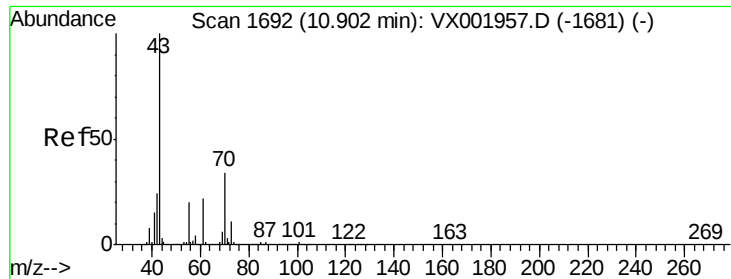
#46
 Methyl methacrylate
 Concen: 21.925 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion: 41 Resp: 78479
 Ion Ratio Lower Upper
 41 100
 69 75.8 37.0 110.9
 39 61.4 29.6 88.9



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





#47

n-amy1 Acetate

Concen: 20.639 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

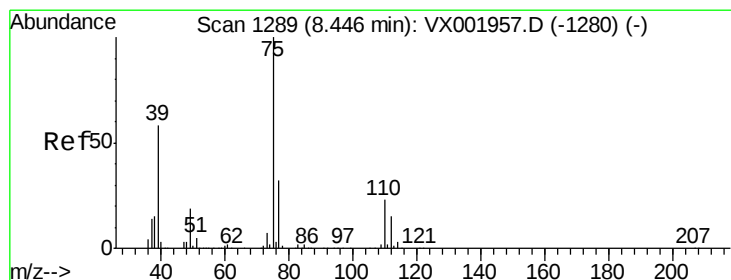
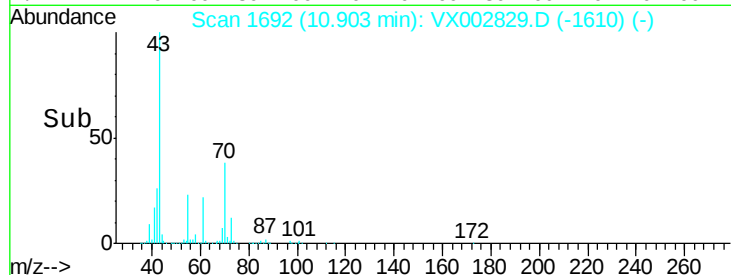
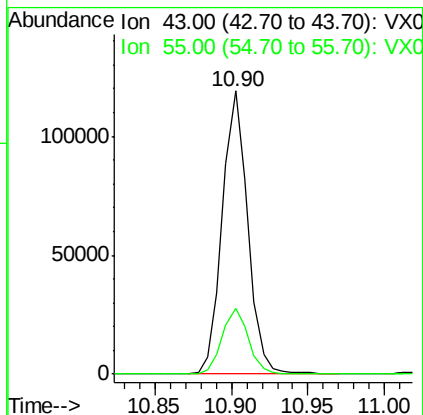
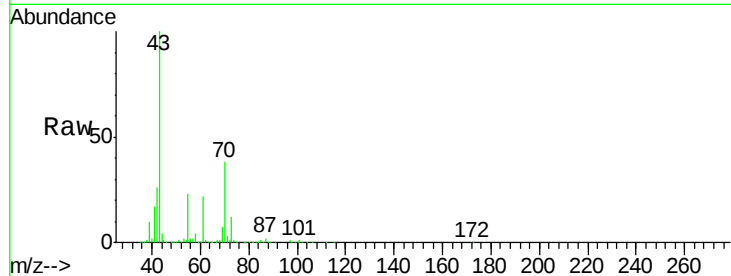
VSTDCCC020

Tgt Ion: 43 Resp: 136427

Ion Ratio Lower Upper

43 100

55 24.3 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 21.525 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002829.D

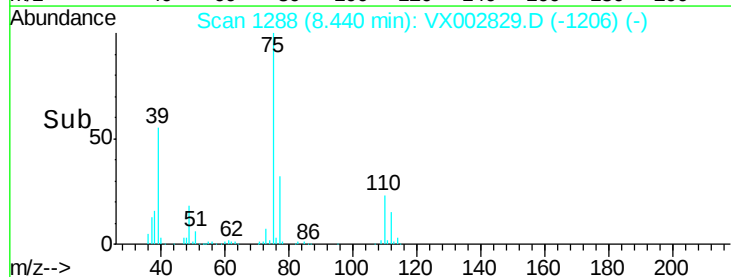
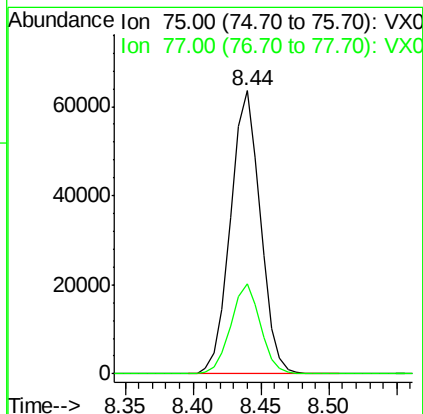
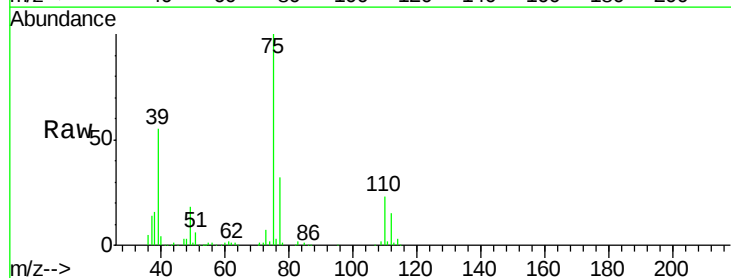
Acq: 22 Jun 2018 11:51

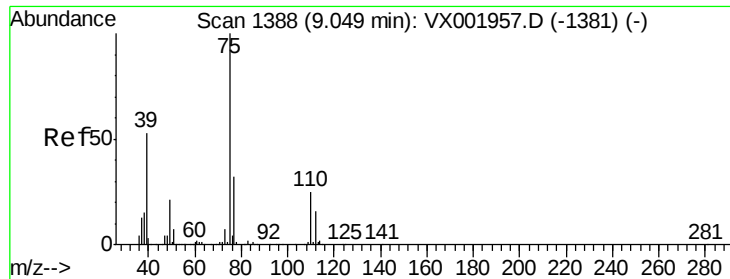
Tgt Ion: 75 Resp: 97325

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



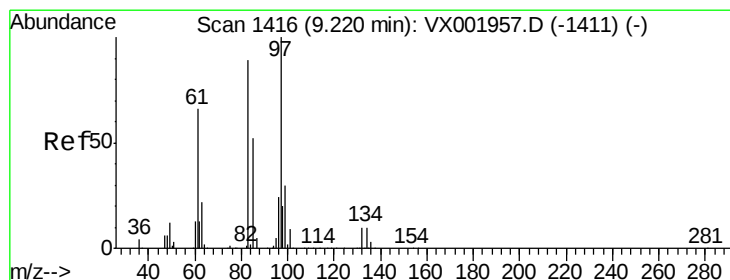
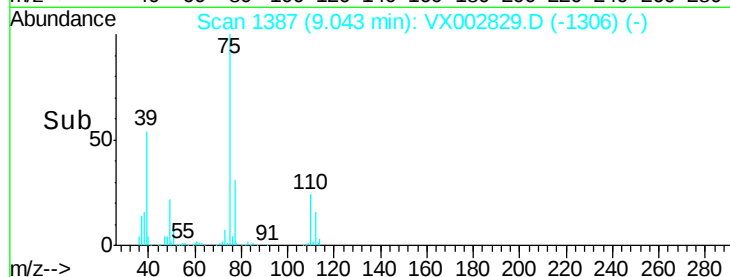
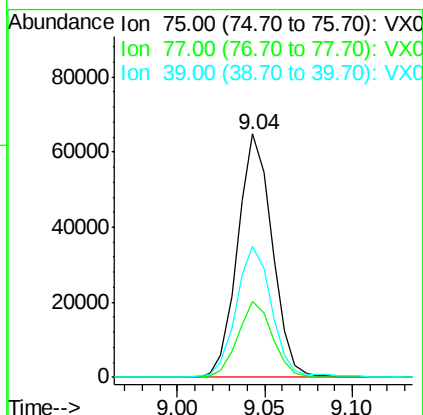
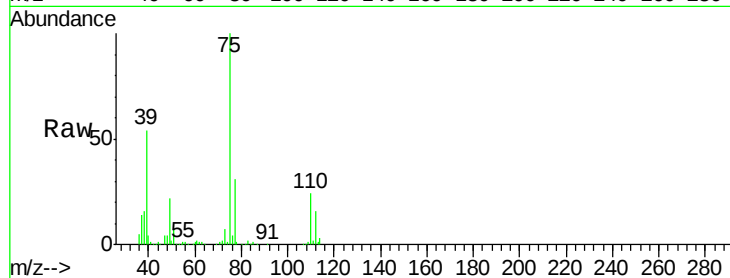


#49

cis-1,3-Dichloropropene
Concen: 21.206 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

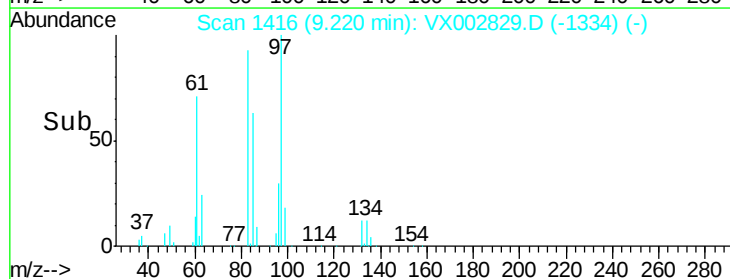
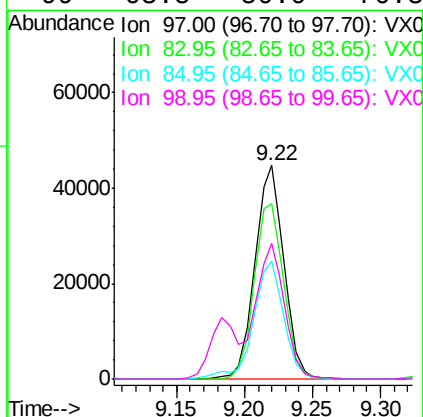
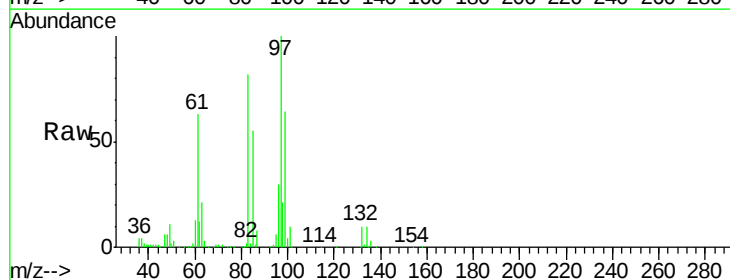
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	53.6	42.3	63.5

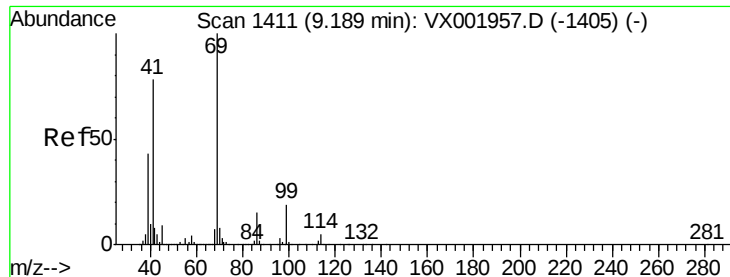


#50

1,1,2-Trichloroethane
Concen: 22.118 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	70.8	106.2
85	55.2	43.5	65.3
99	63.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.007 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

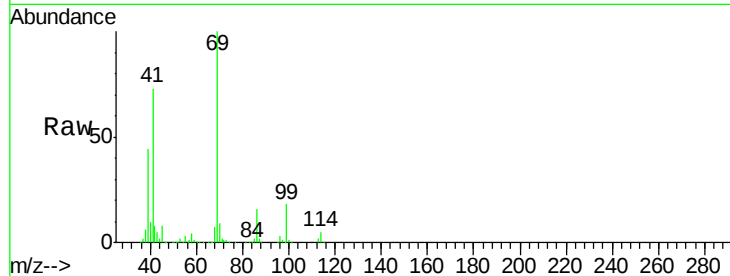
Tgt Ion: 69 Resp: 95905

Ion Ratio Lower Upper

69 100

41 73.0 39.1 117.3

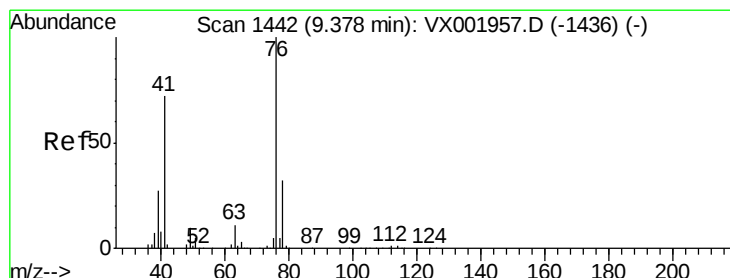
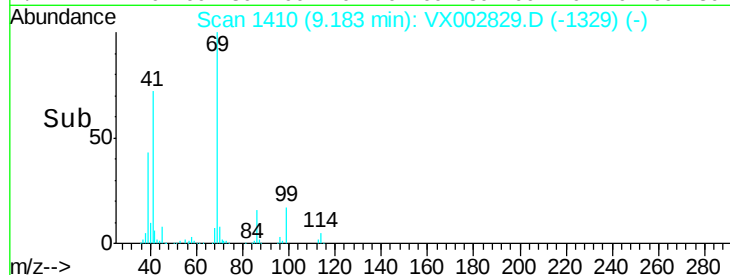
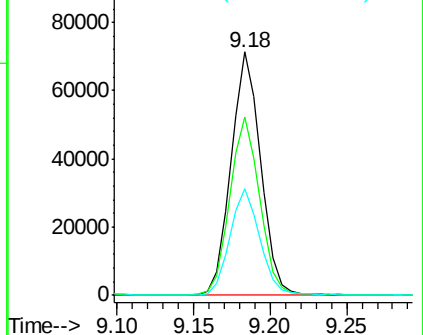
39 43.6 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 22.135 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002829.D

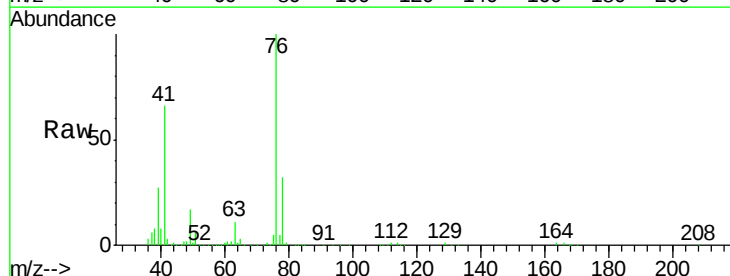
Acq: 22 Jun 2018 11:51

Tgt Ion: 76 Resp: 109340

Ion Ratio Lower Upper

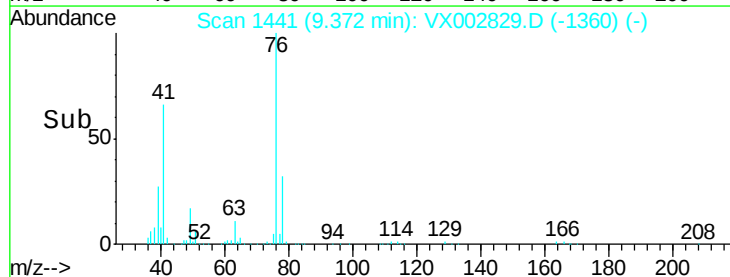
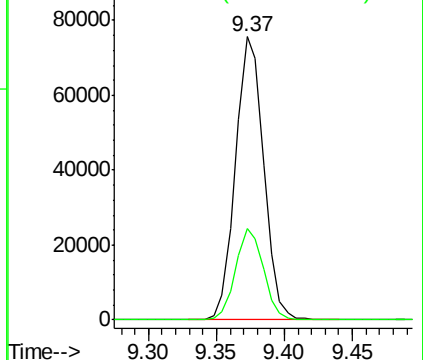
76 100

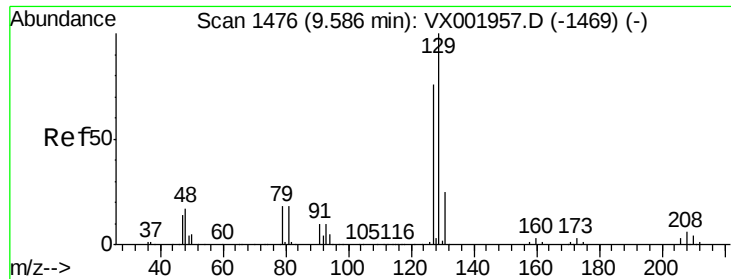
78 32.0 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

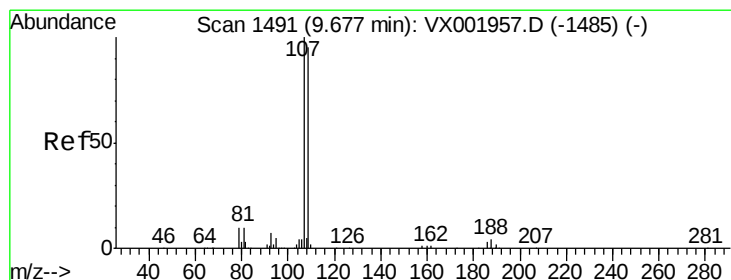
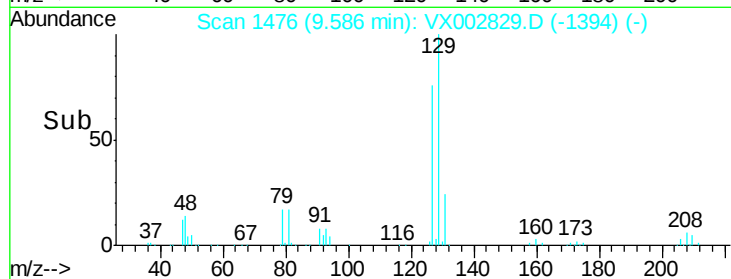
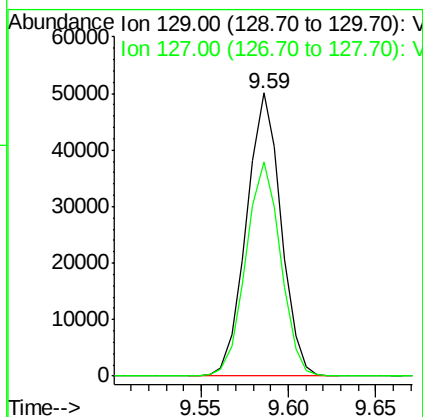
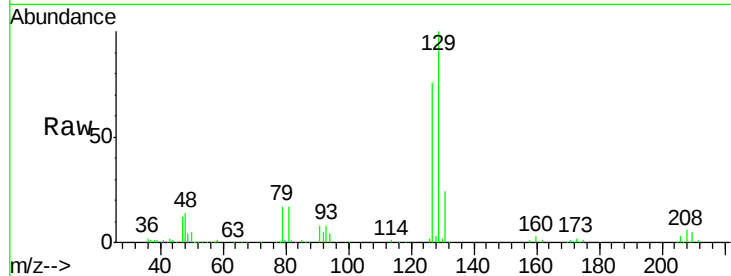




#53
 Dibromochloromethane
 Concen: 21.443 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

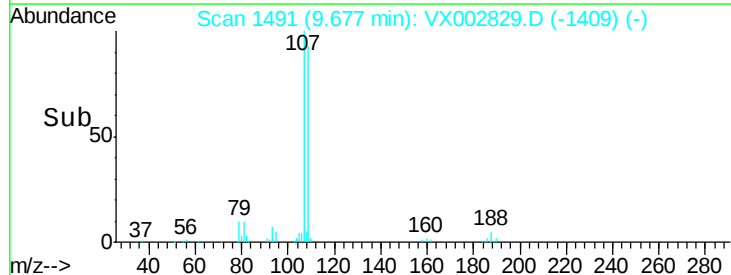
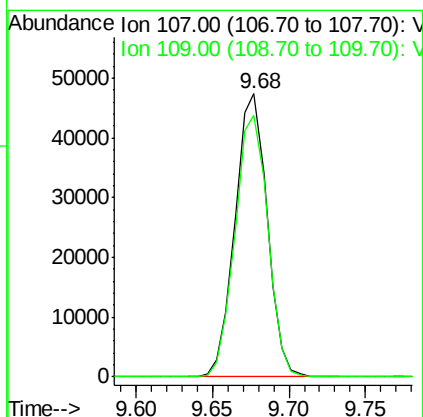
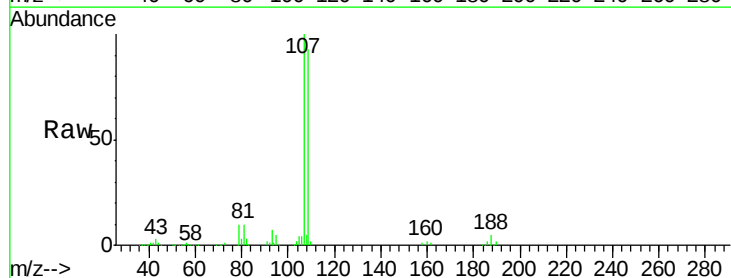
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

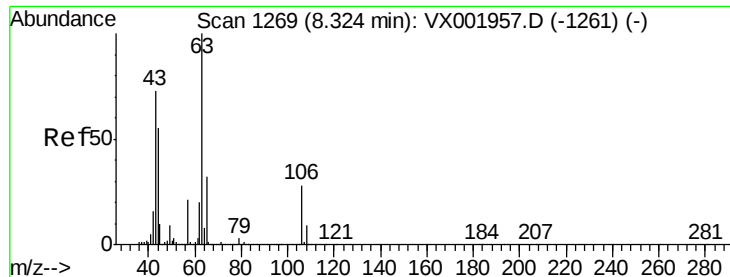
Tgt Ion:129 Resp: 68844
 Ion Ratio Lower Upper
 129 100
 127 76.2 38.5 115.3



#54
 1,2-Dibromoethane
 Concen: 21.716 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion:107 Resp: 69213
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 97.042 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

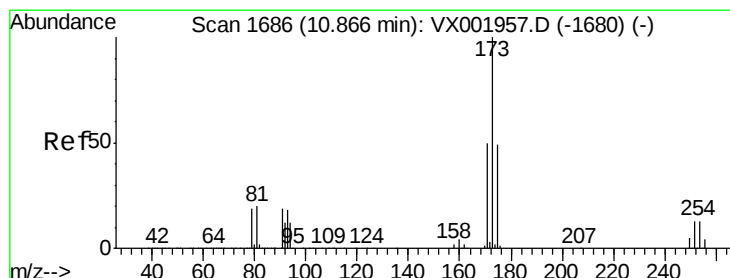
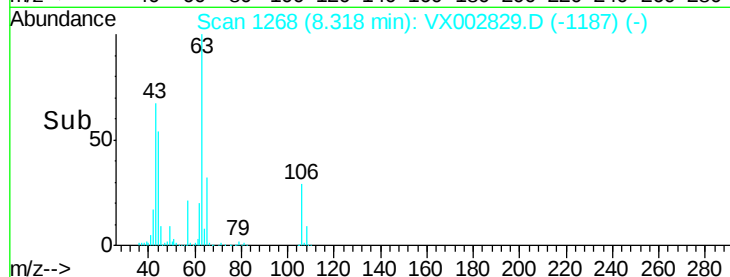
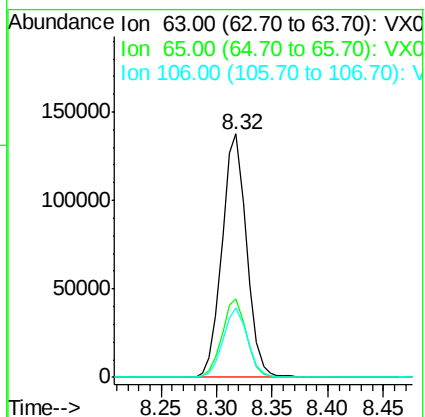
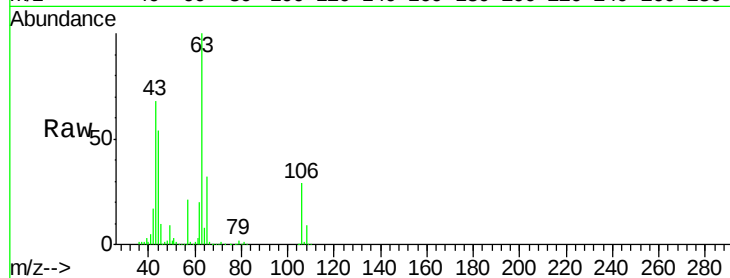
Tgt Ion: 63 Resp: 210418

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 28.5 21.6 32.4



#56

Bromoform

Concen: 19.733 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

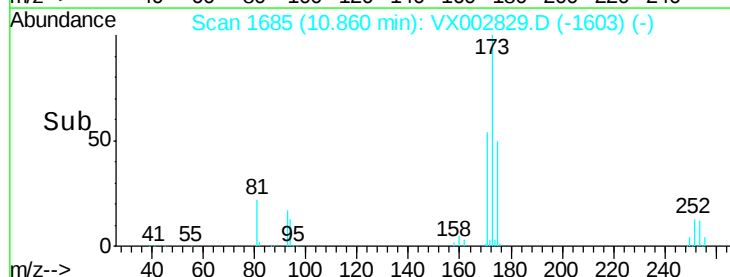
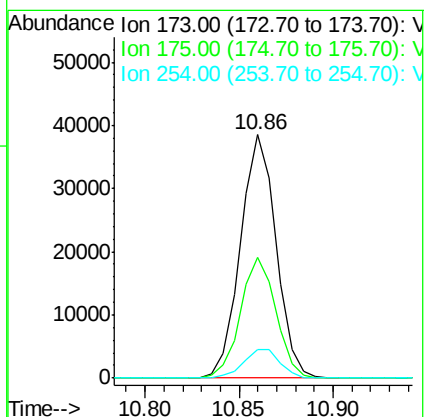
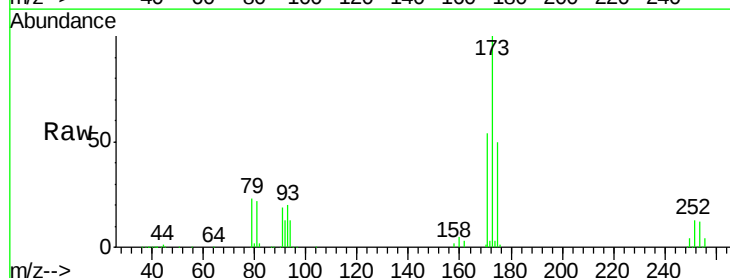
Tgt Ion: 173 Resp: 50577

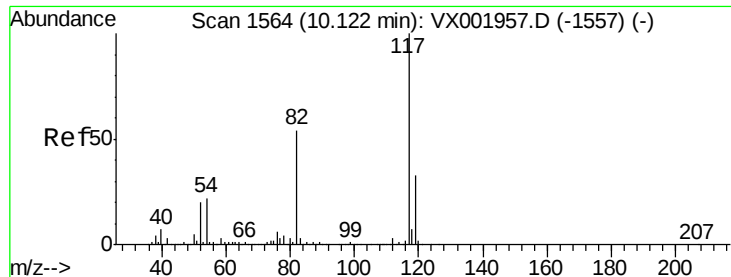
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 12.2 9.6 14.4

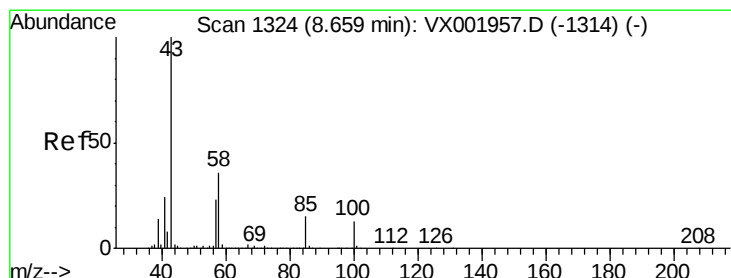
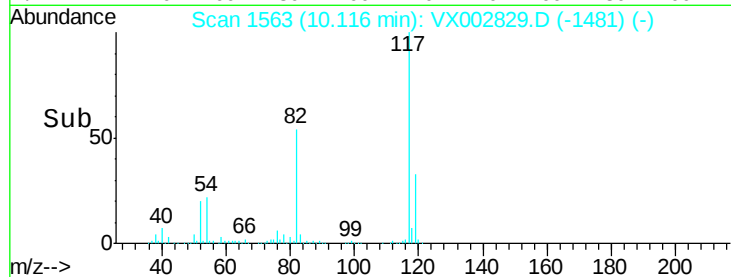
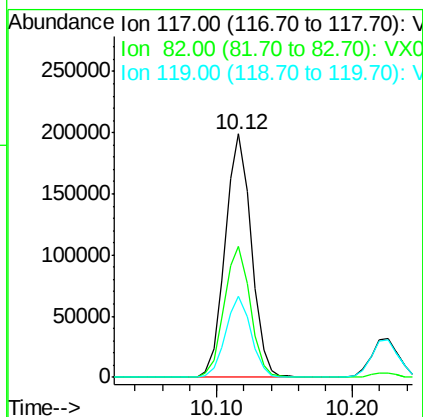
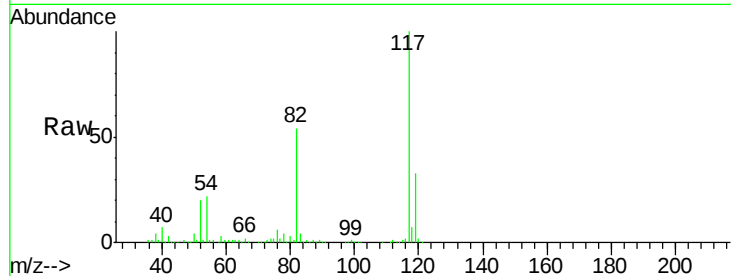




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

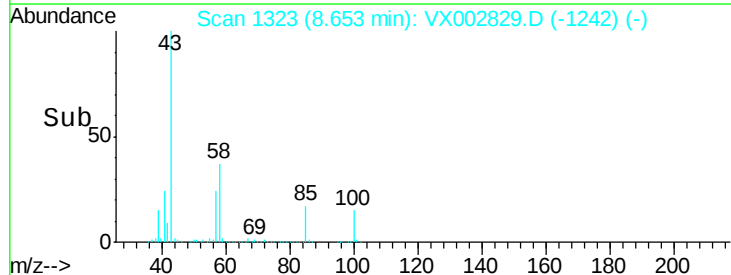
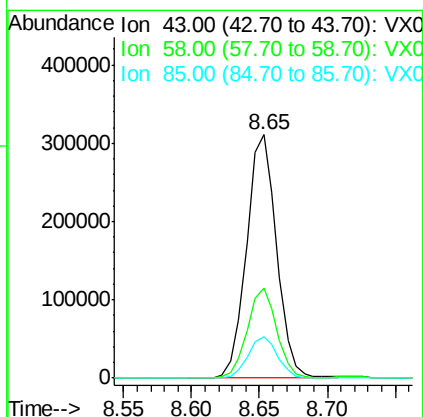
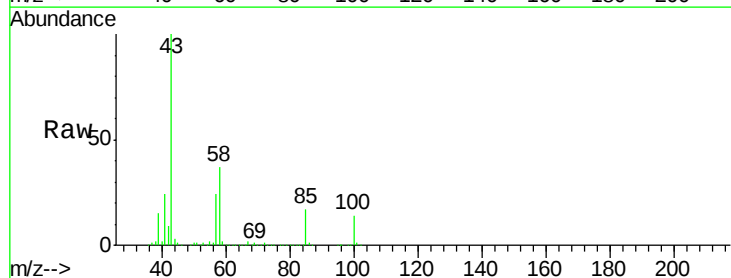
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

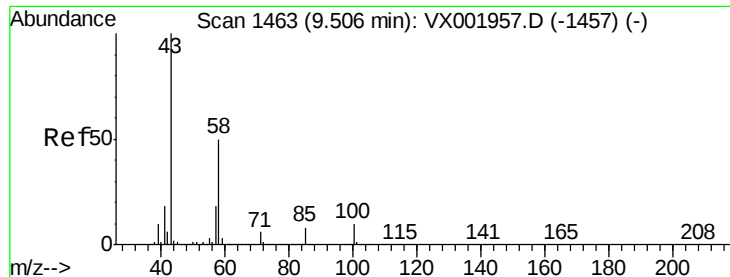
Tgt Ion:117 Resp: 265185
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 106.784 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 43 Resp: 480785
Ion Ratio Lower Upper
43 100
58 36.3 28.2 42.4
85 16.9 12.4 18.6

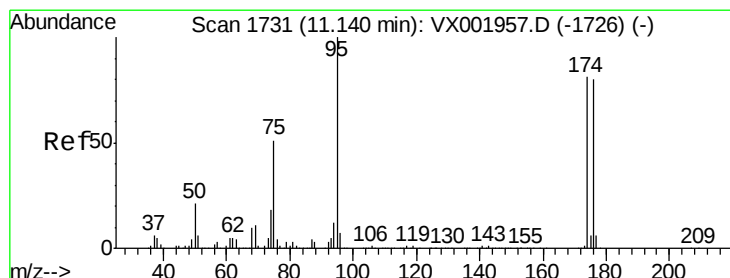
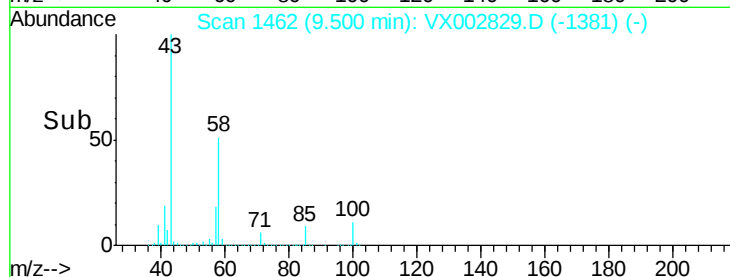
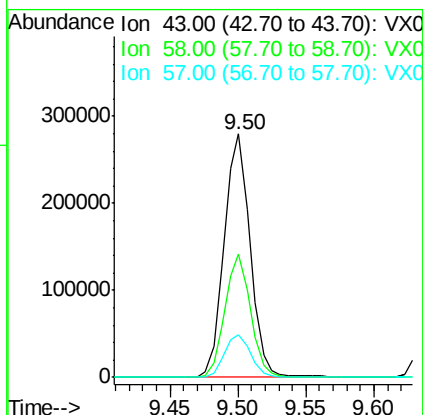
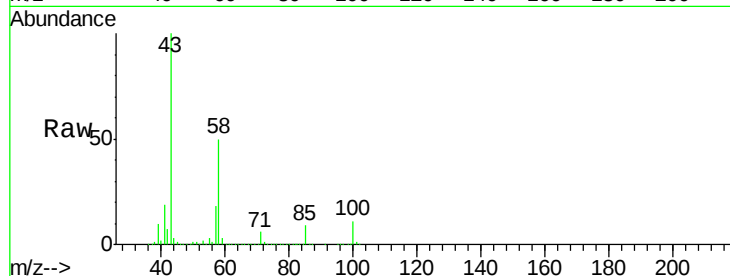




#59
2-Hexanone
Concen: 107.773 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

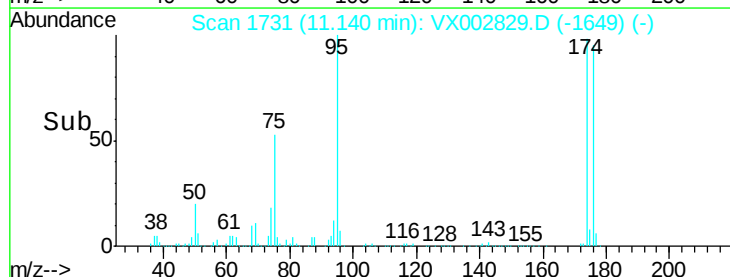
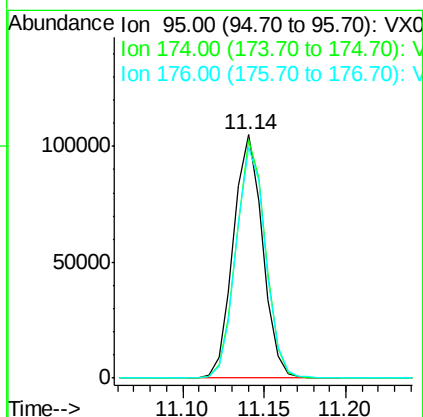
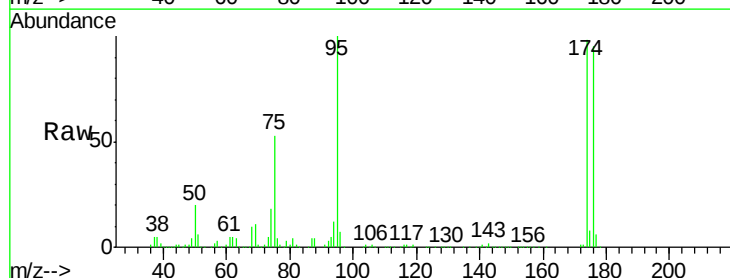
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

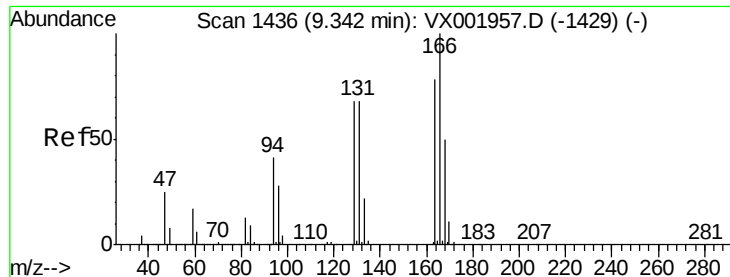
Tgt Ion: 43 Resp: 370940
Ion Ratio Lower Upper
43 100
58 49.7 39.6 59.4
57 17.8 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.874 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 95 Resp: 130844
Ion Ratio Lower Upper
95 100
174 98.0 71.8 107.6
176 95.9 70.1 105.1





#61

Tetrachloroethene

Concen: 24.880 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 90551

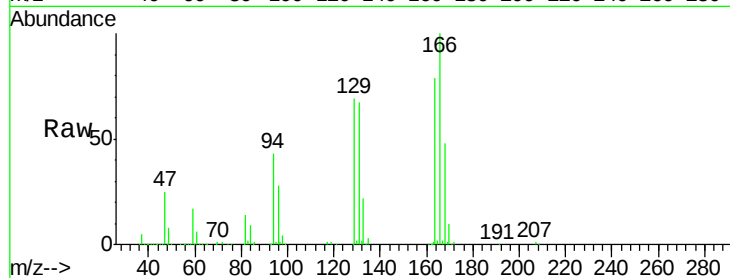
Ion Ratio Lower Upper

164 100

166 126.2 102.4 153.6

129 87.3 70.1 105.1

131 84.1 69.1 103.7

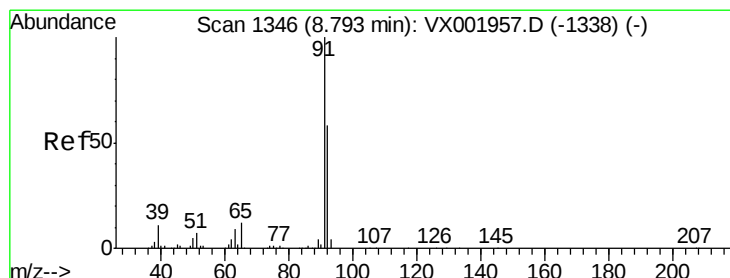
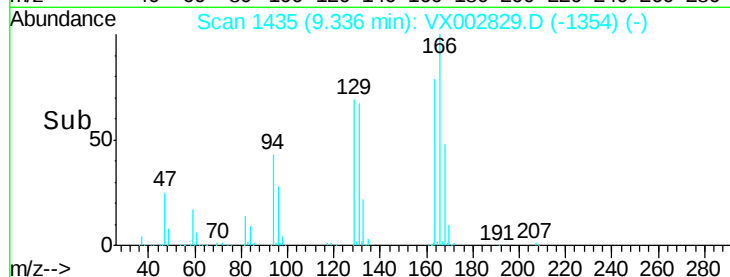
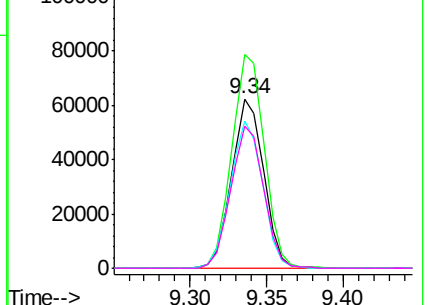


Abundance Ion 163.85 (163.55 to 164.55): V

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: 22.154 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002829.D

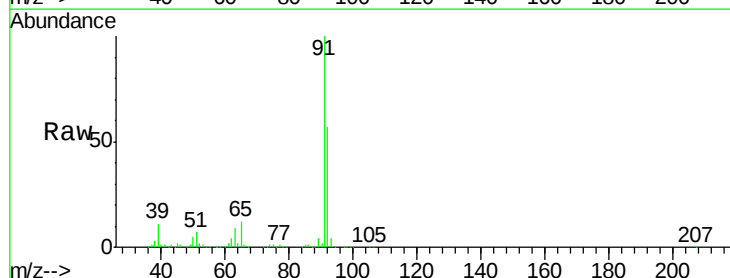
Acq: 22 Jun 2018 11:51

Tgt Ion: 91 Resp: 283187

Ion Ratio Lower Upper

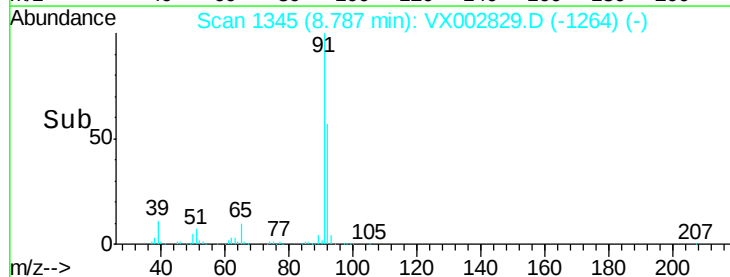
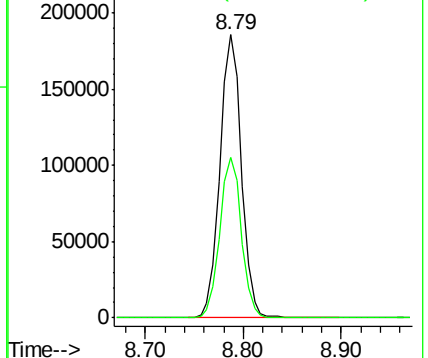
91 100

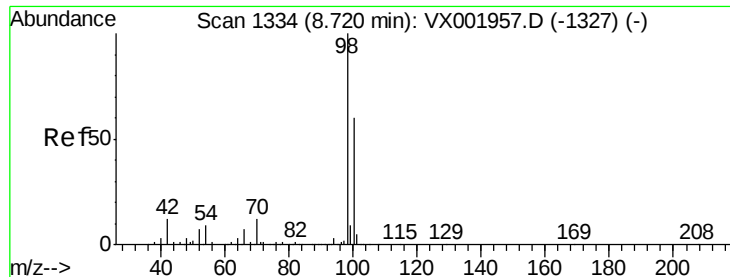
92 56.9 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.304 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

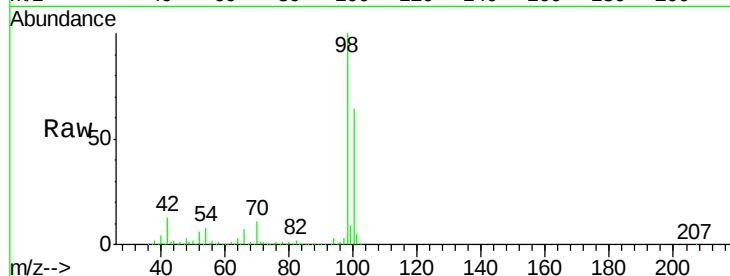
VSTDCCC020

Tgt Ion: 98 Resp: 351036

Ion Ratio Lower Upper

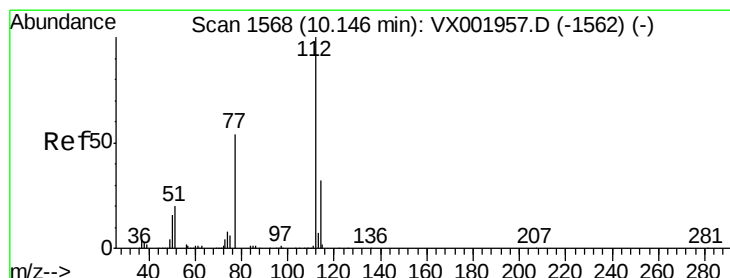
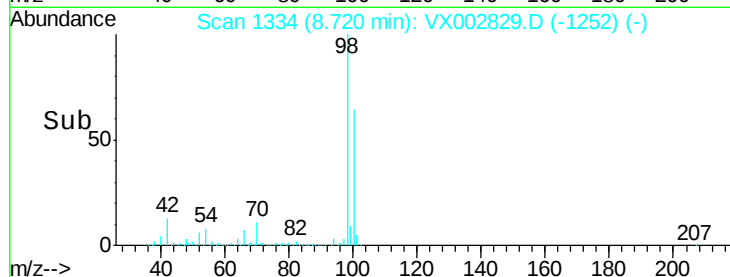
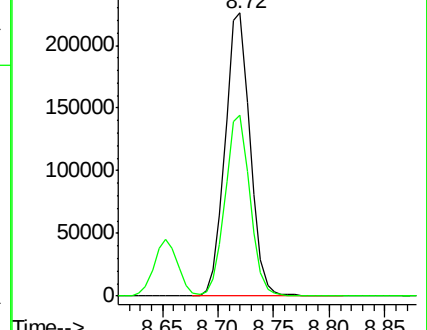
98 100

100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX001957.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001957.D (-1327) (-)



#64

Chlorobenzene

Concen: 22.005 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002829.D

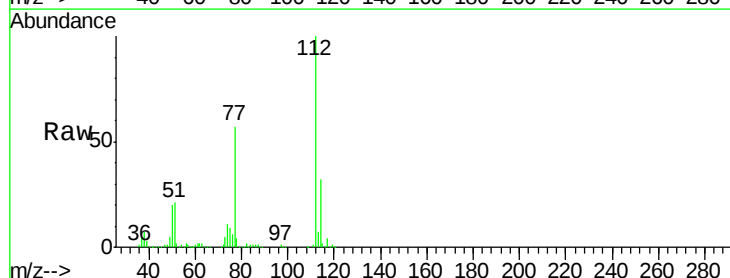
Acq: 22 Jun 2018 11:51

Tgt Ion: 112 Resp: 186879

Ion Ratio Lower Upper

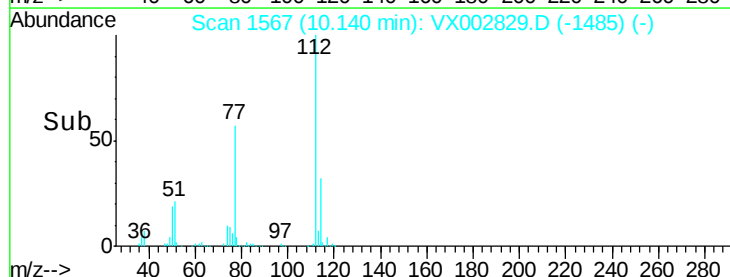
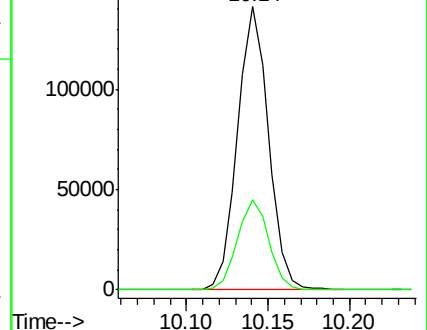
112 100

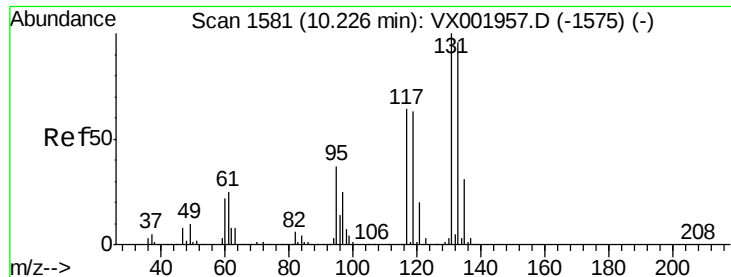
114 31.9 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX001957.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX001957.D (-1562) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 22.199 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

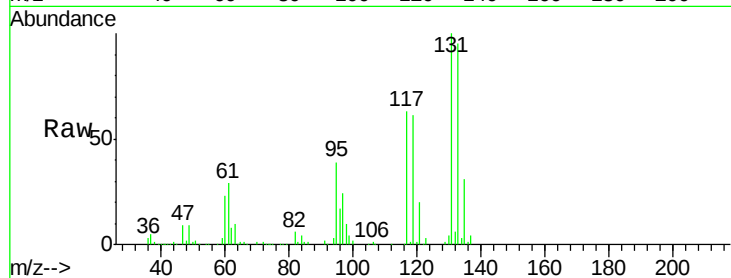
Tgt Ion:131 Resp: 69104

Ion Ratio Lower Upper

131 100

133 94.7 0.0 191.2

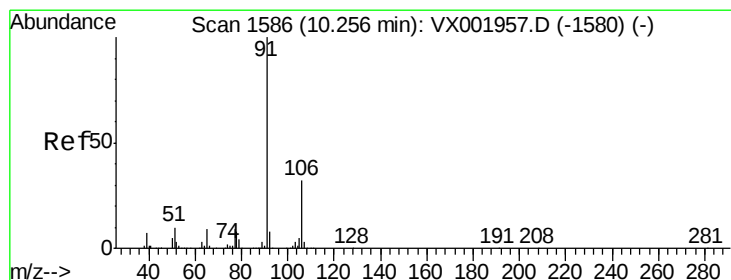
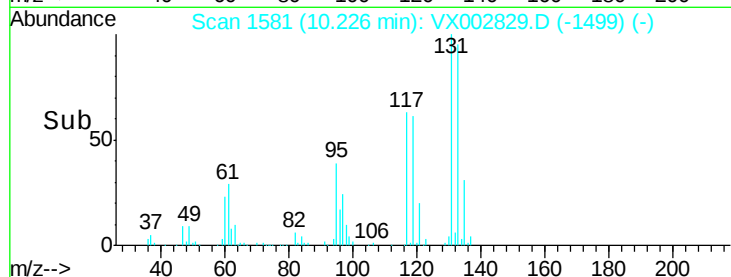
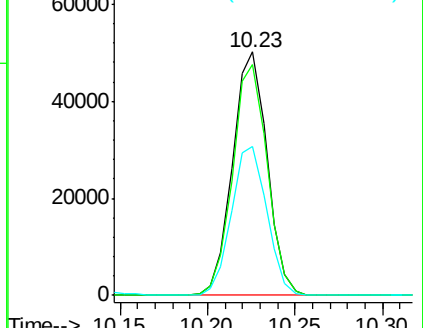
119 62.7 0.0 125.4



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: 21.979 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002829.D

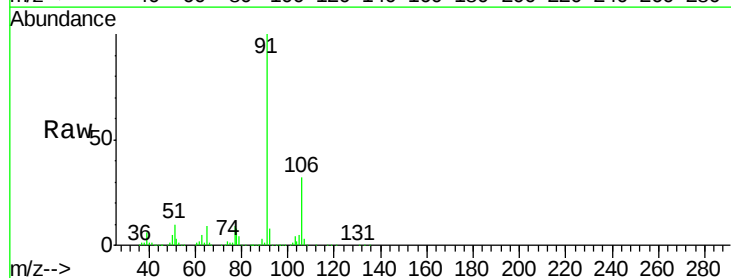
Acq: 22 Jun 2018 11:51

Tgt Ion: 91 Resp: 316413

Ion Ratio Lower Upper

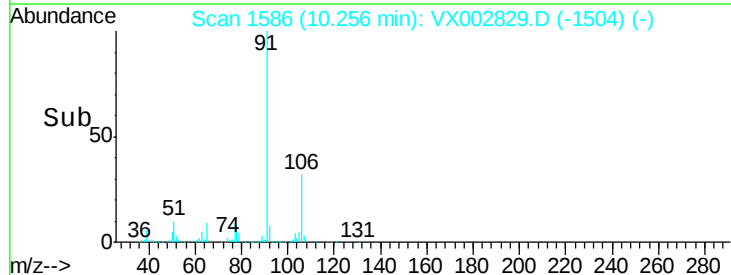
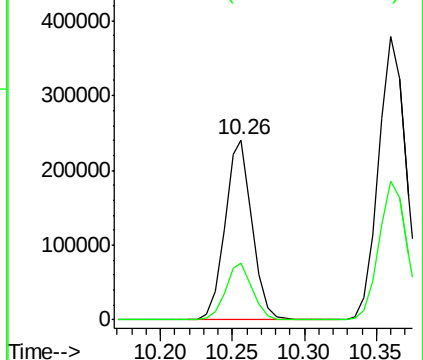
91 100

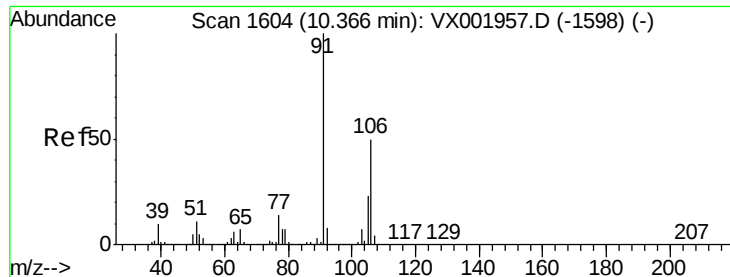
106 31.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 43.554 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

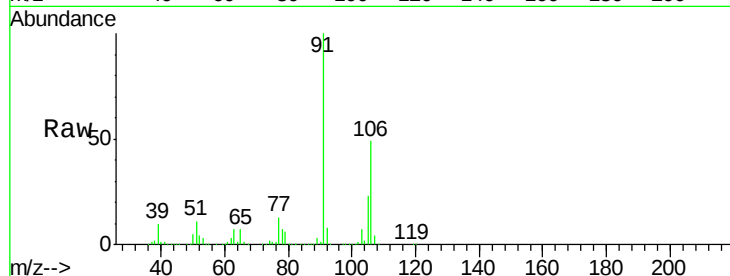
VSTDCCC020

Tgt Ion:106 Resp: 243658

Ion Ratio Lower Upper

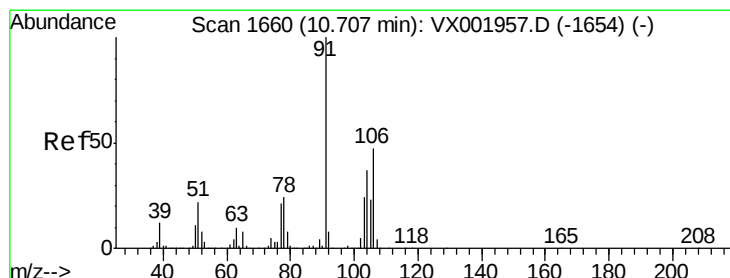
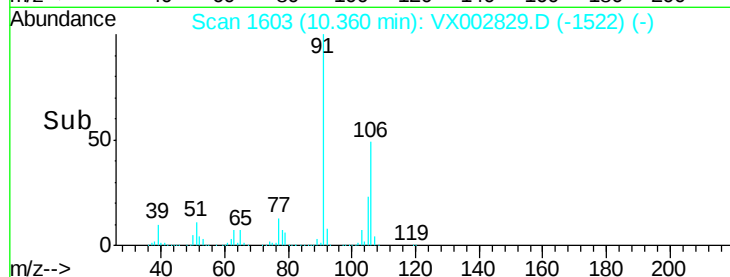
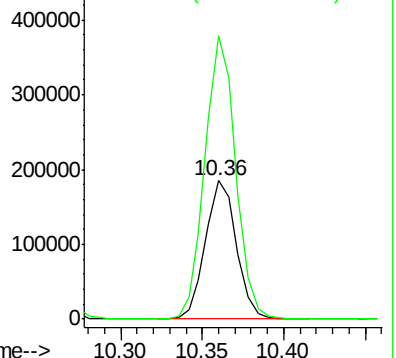
106 100

91 204.7 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.823 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002829.D

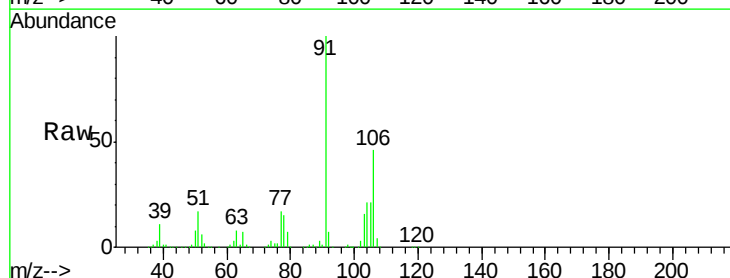
Acq: 22 Jun 2018 11:51

Tgt Ion:106 Resp: 118948

Ion Ratio Lower Upper

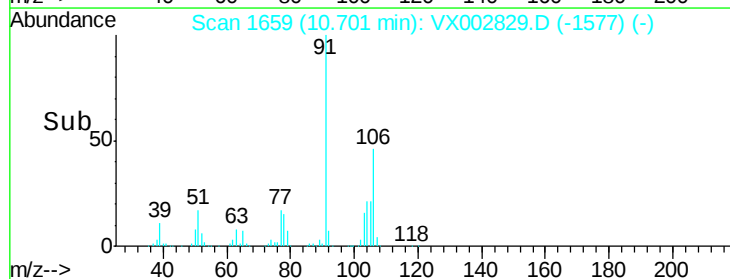
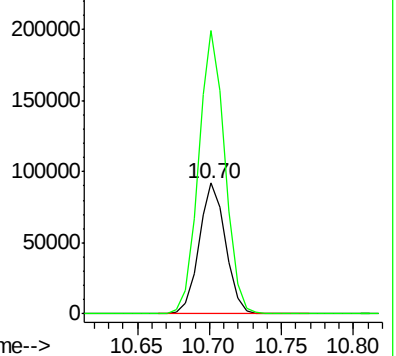
106 100

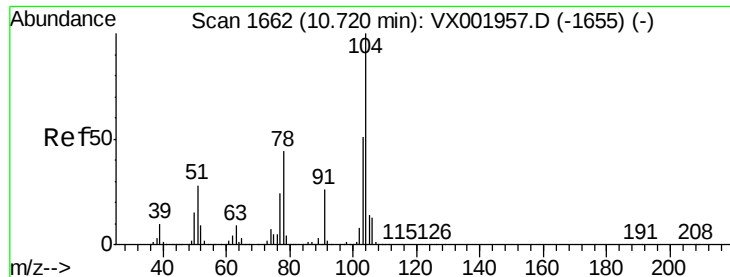
91 214.3 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

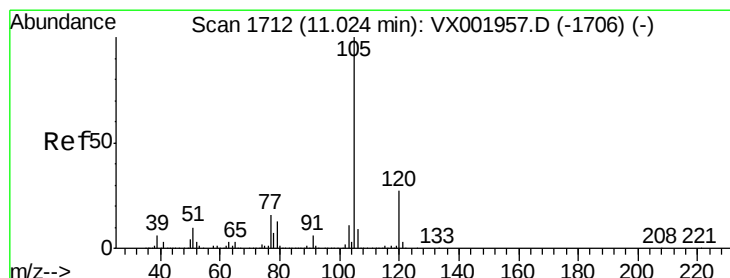
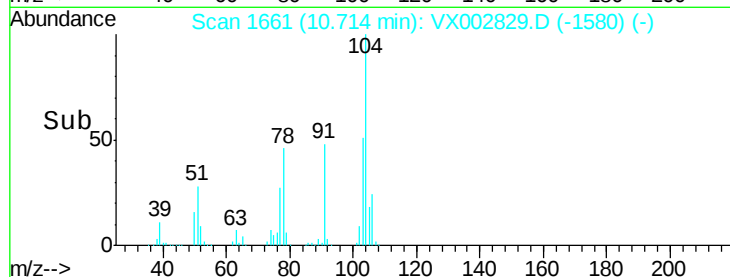
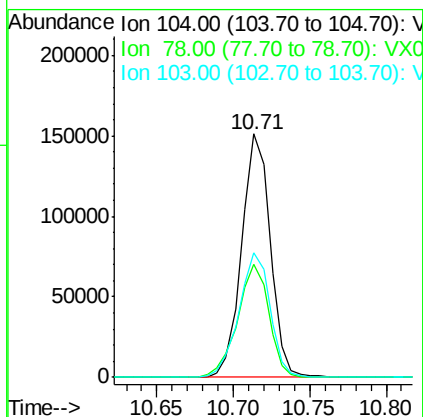
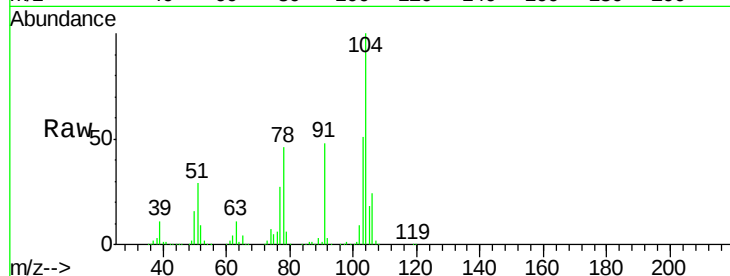




#69
Styrene
Concen: 21.627 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

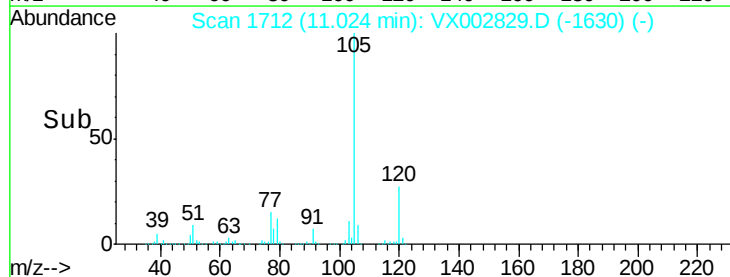
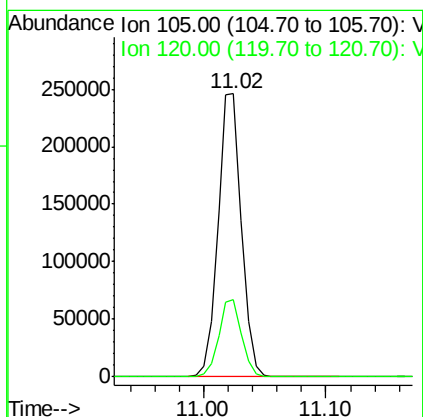
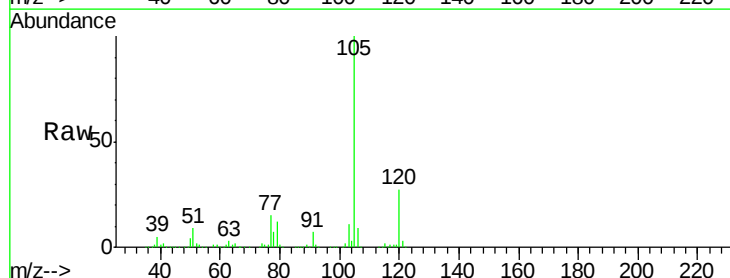
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

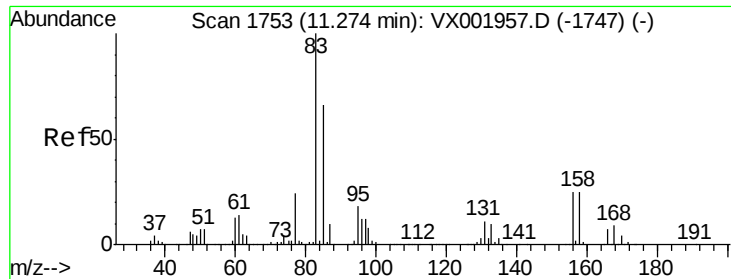
Tgt Ion:104 Resp: 196657
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.8
103 56.0 44.9 67.3



#70
Isopropylbenzene
Concen: 21.741 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:105 Resp: 326754
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 21.079 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

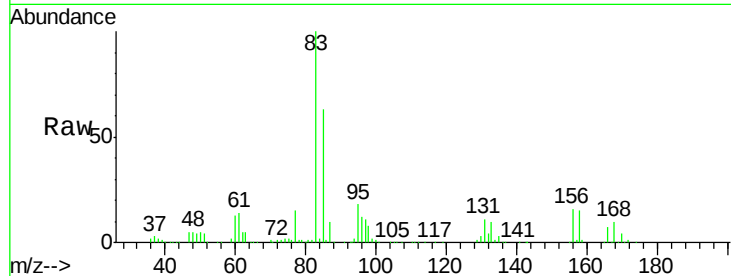
Tgt Ion: 83 Resp: 94704

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

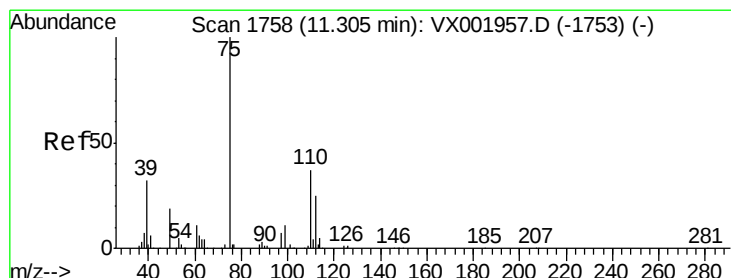
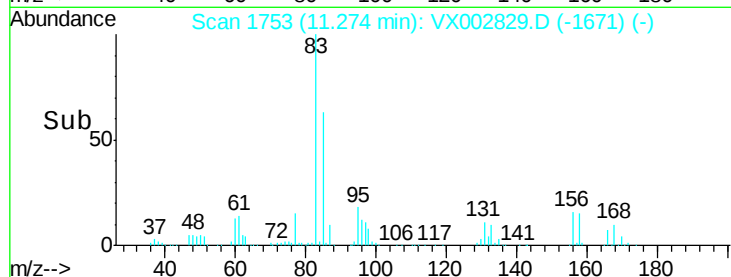
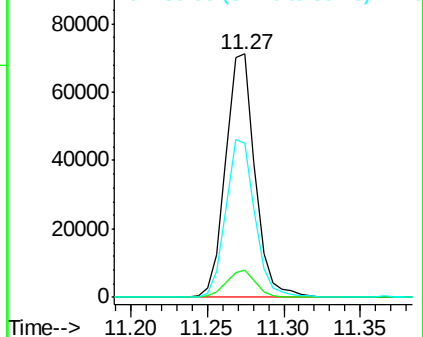
85 64.4 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.916 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002829.D

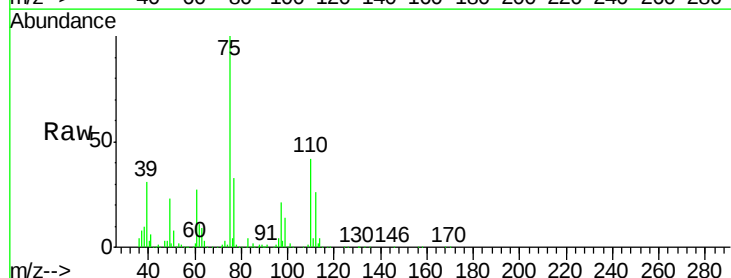
Acq: 22 Jun 2018 11:51

Tgt Ion: 75 Resp: 108728

Ion Ratio Lower Upper

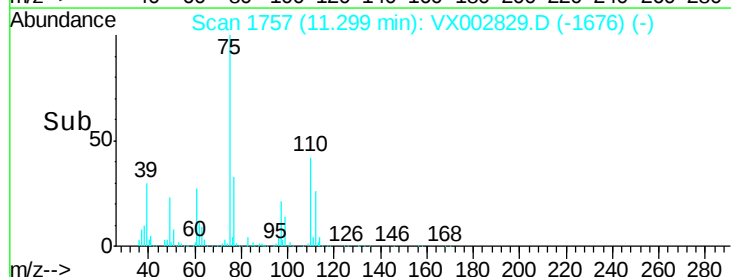
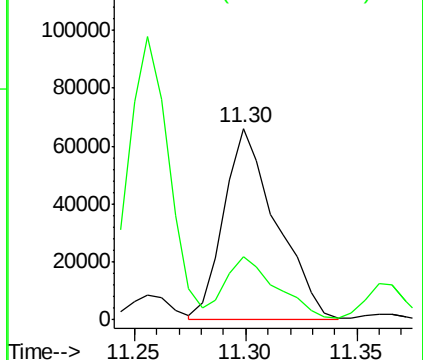
75 100

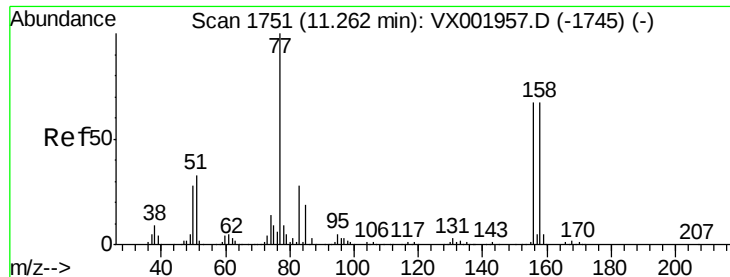
77 32.7 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 21.666 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

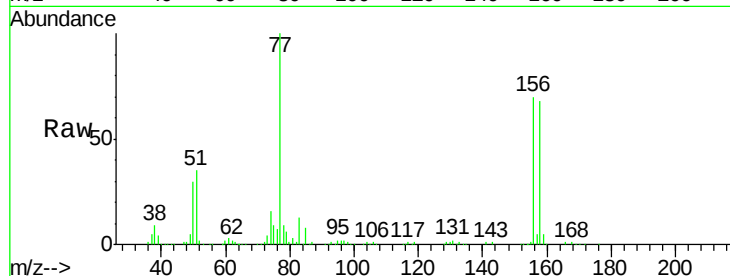
Tgt Ion:156 Resp: 90555

Ion Ratio Lower Upper

156 100

77 137.4 0.0 301.0

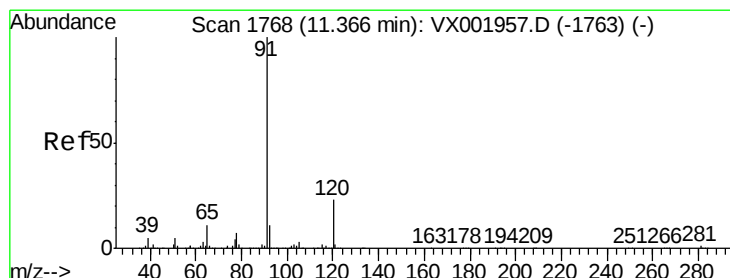
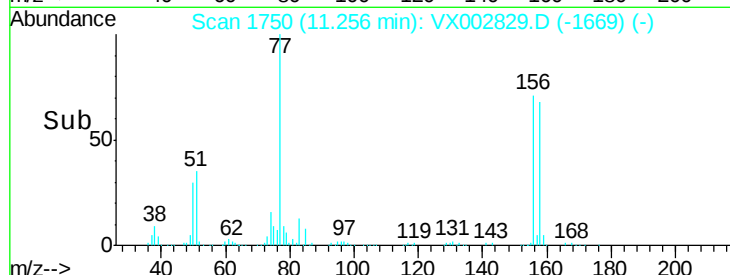
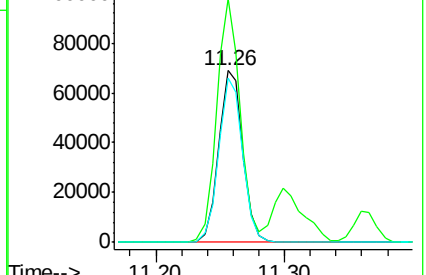
158 95.5 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.855 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002829.D

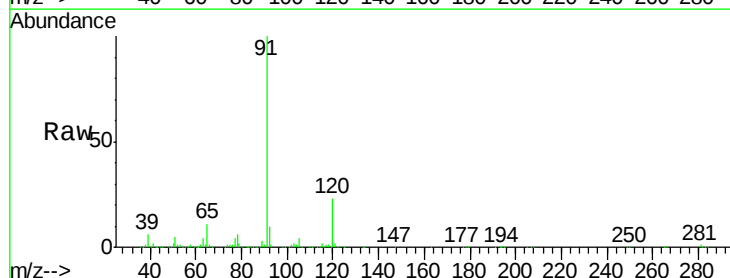
Acq: 22 Jun 2018 11:51

Tgt Ion: 91 Resp: 381301

Ion Ratio Lower Upper

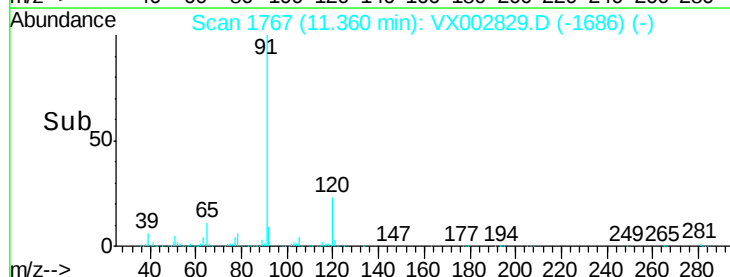
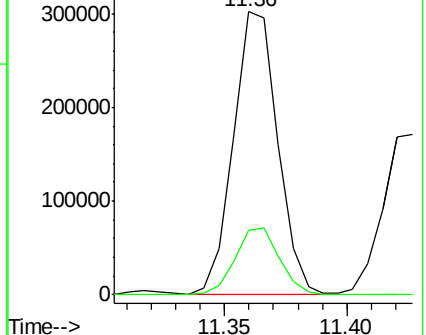
91 100

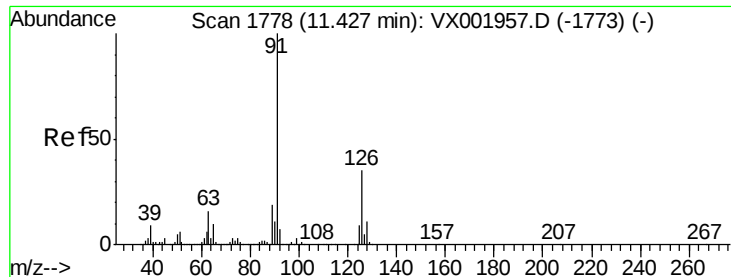
120 23.5 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 22.111 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

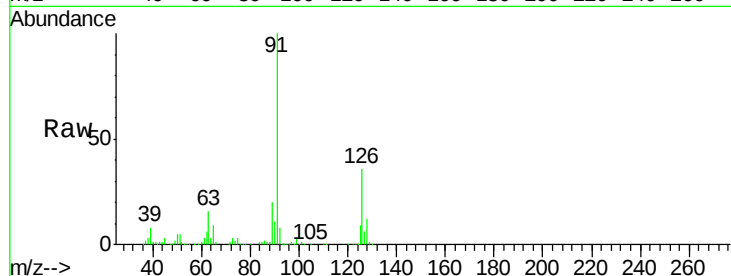
VSTDCCC020

Tgt Ion: 91 Resp: 224500

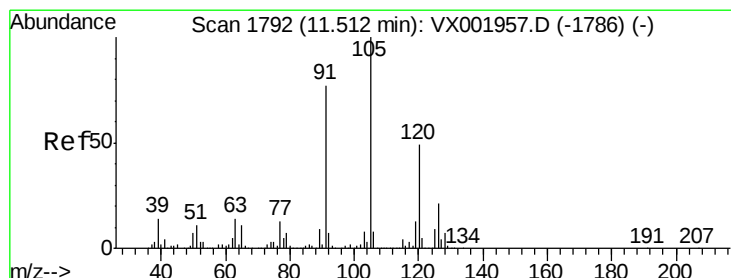
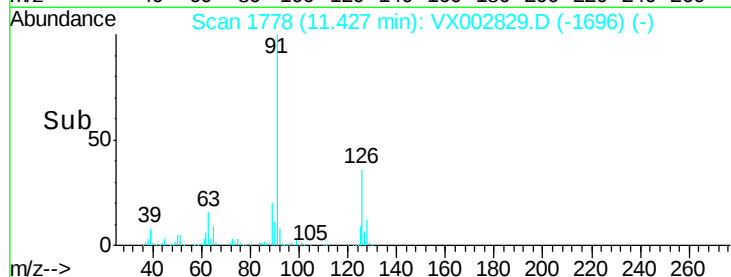
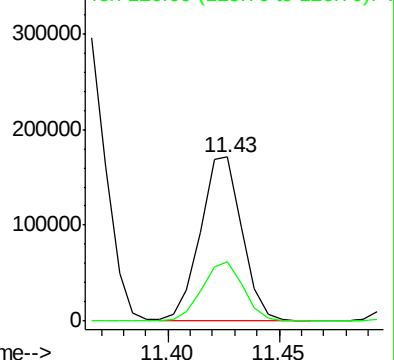
Ion Ratio Lower Upper

91 100

126 35.5 0.0 69.4



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



#76

1,3,5-Trimethylbenzene

Concen: 21.698 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002829.D

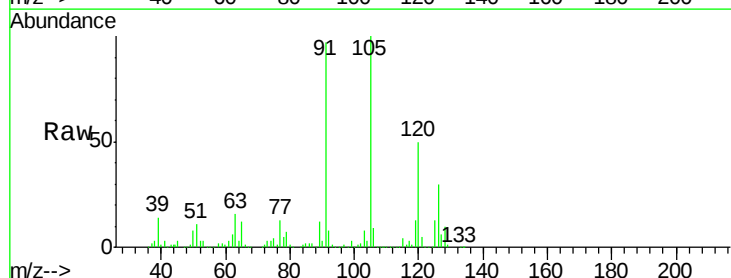
Acq: 22 Jun 2018 11:51

Tgt Ion: 105 Resp: 276895

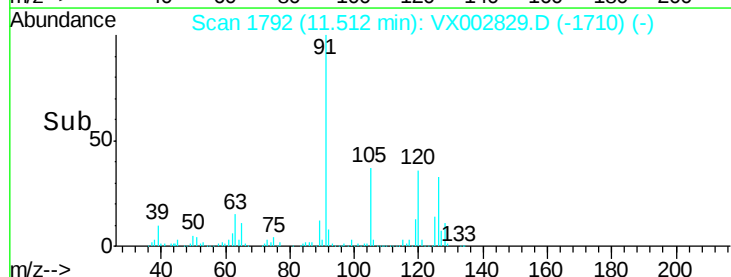
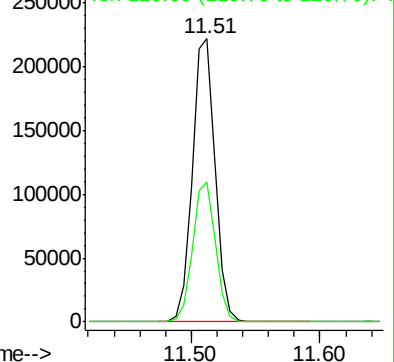
Ion Ratio Lower Upper

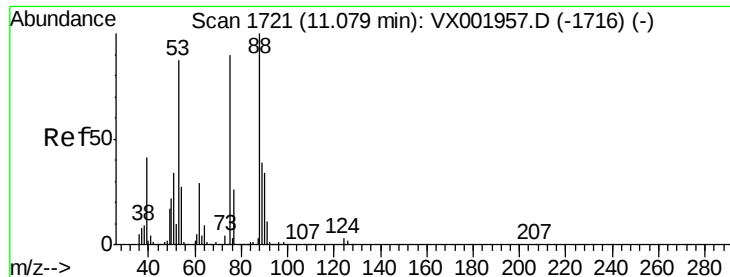
105 100

120 49.6 0.0 96.8



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





#77

t-1,4-Dichloro-2-butene

Concen: 19.026 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

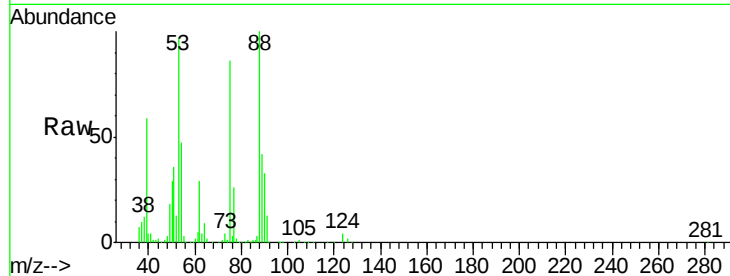
Tgt Ion: 75 Resp: 23833

Ion Ratio Lower Upper

75 100

53 112.6 48.3 144.9

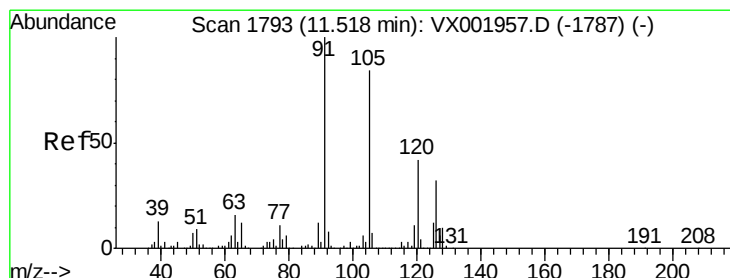
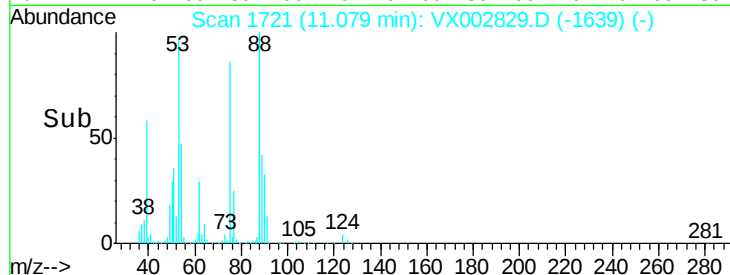
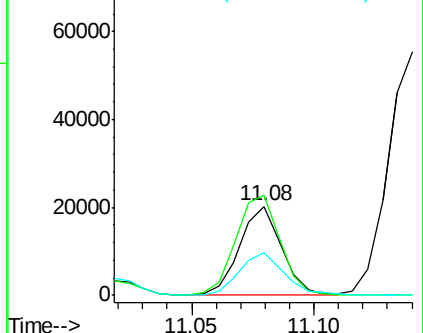
89 48.3 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 22.010 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002829.D

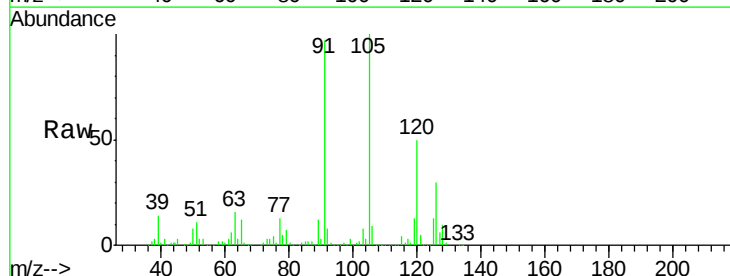
Acq: 22 Jun 2018 11:51

Tgt Ion: 91 Resp: 264739

Ion Ratio Lower Upper

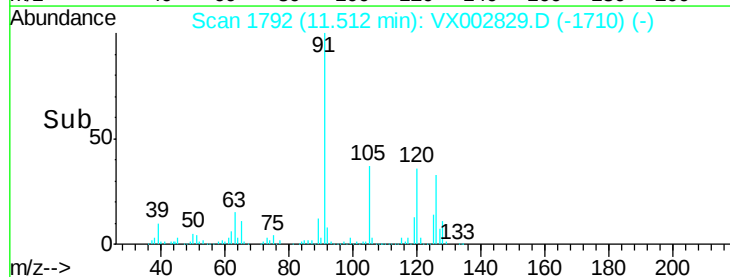
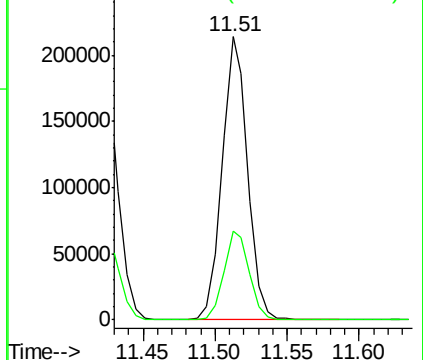
91 100

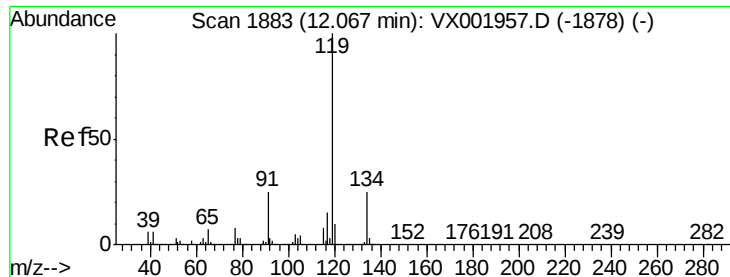
126 31.4 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

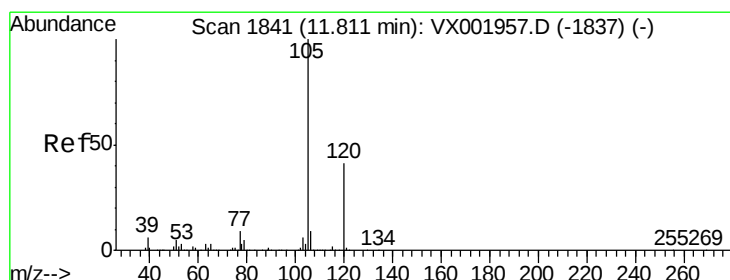
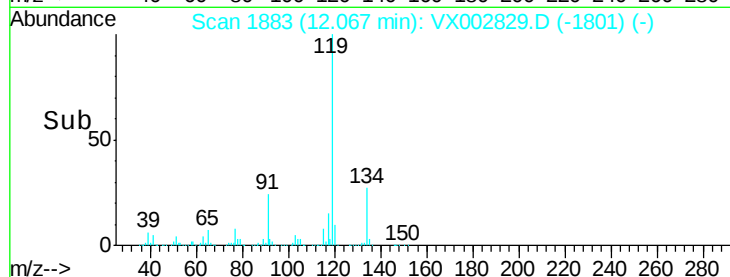
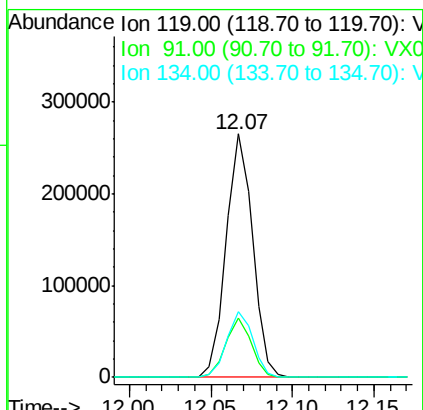
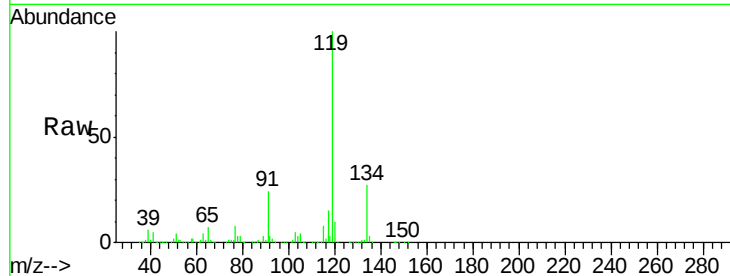




#79
tert-butylbenzene
Concen: 21.284 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

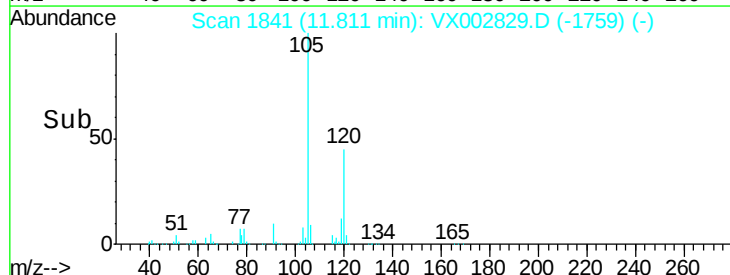
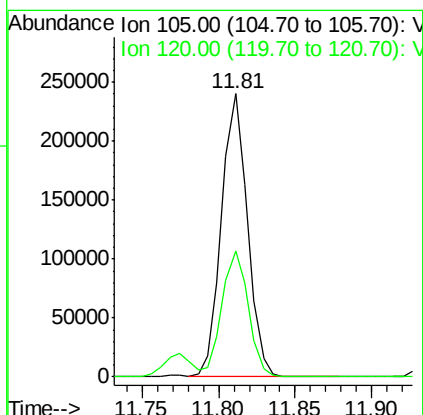
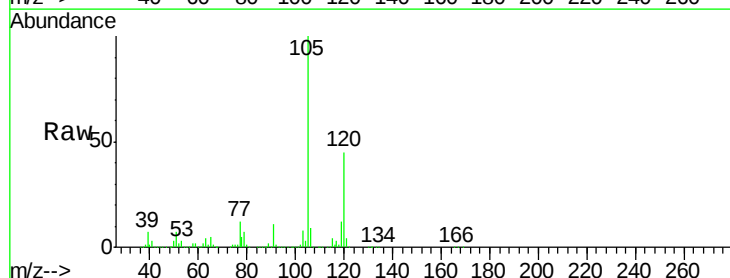
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

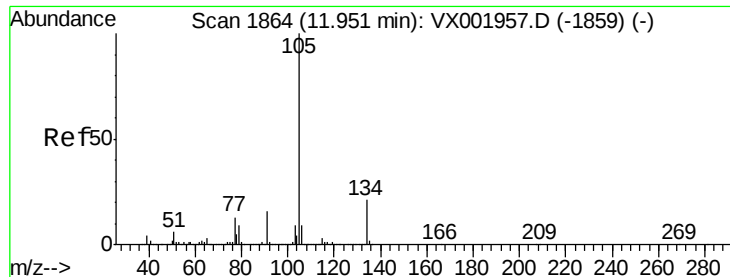
Tgt Ion:119 Resp: 299574
Ion Ratio Lower Upper
119 100
91 23.7 0.0 48.0
134 26.6 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 21.818 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:105 Resp: 284318
Ion Ratio Lower Upper
105 100
120 45.0 0.0 89.2

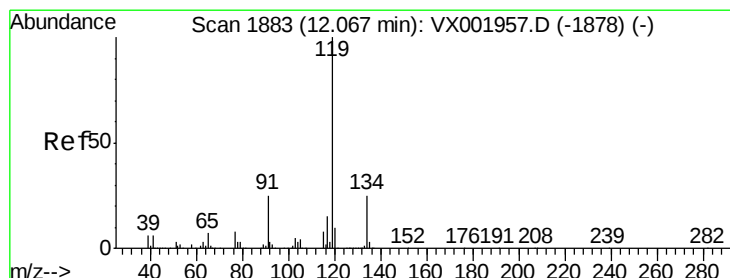
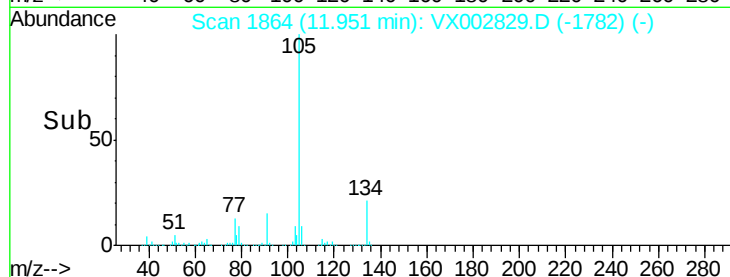
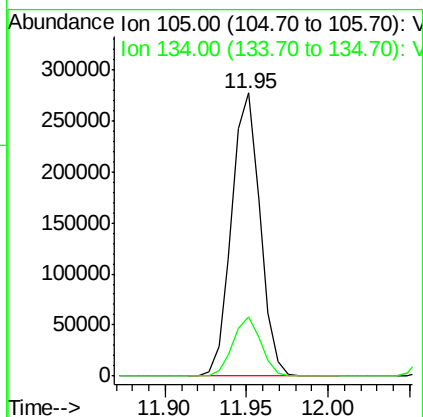
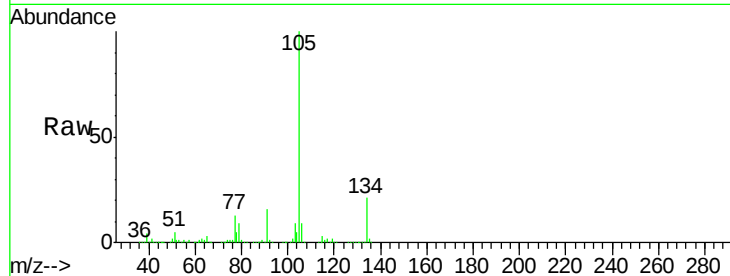




#81
 sec-Butylbenzene
 Concen: 21.560 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

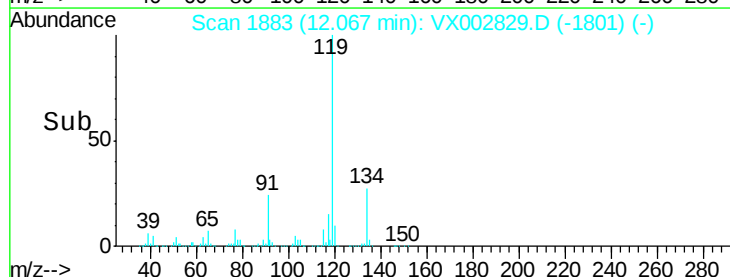
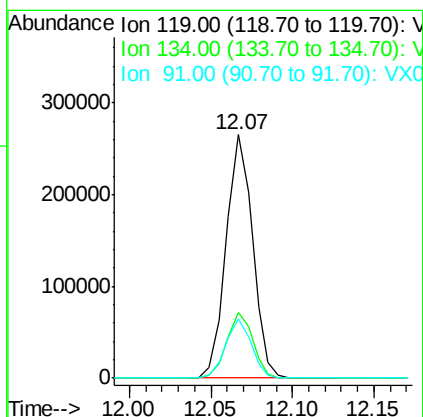
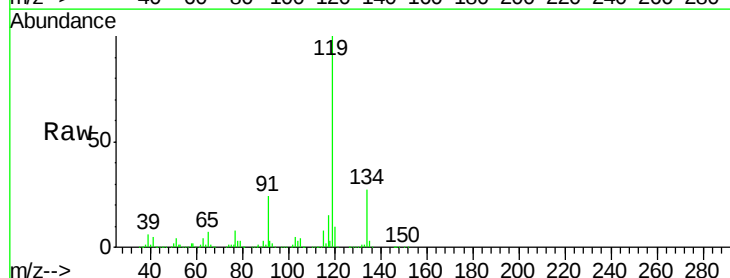
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

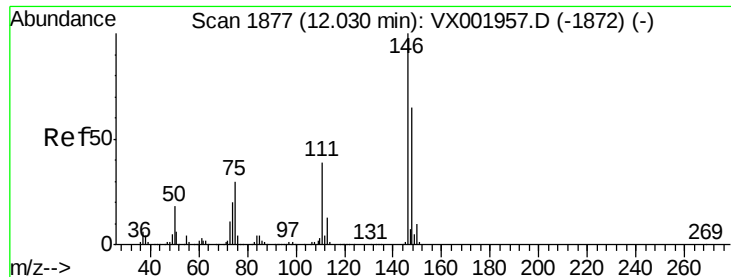
Tgt Ion:105 Resp: 336574
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 21.284 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion:119 Resp: 299574
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.6
 91 23.7 0.0 48.0

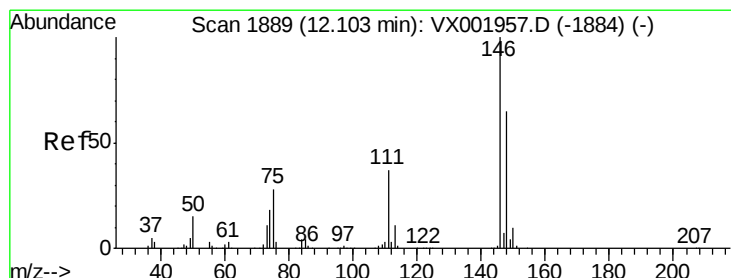
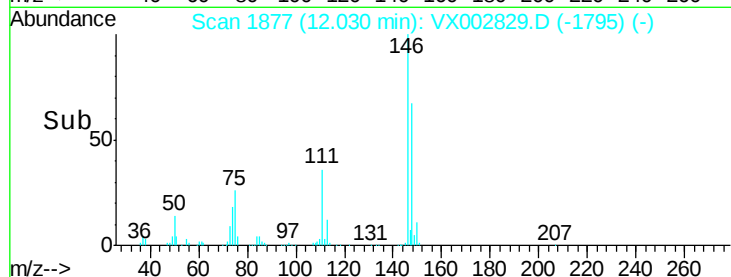
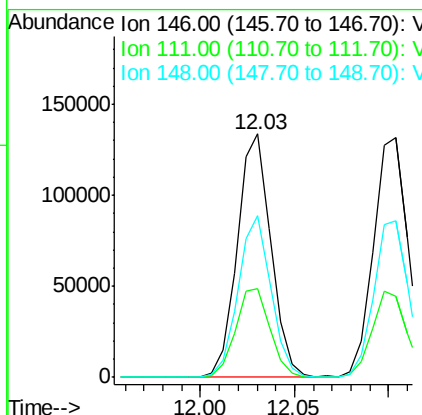
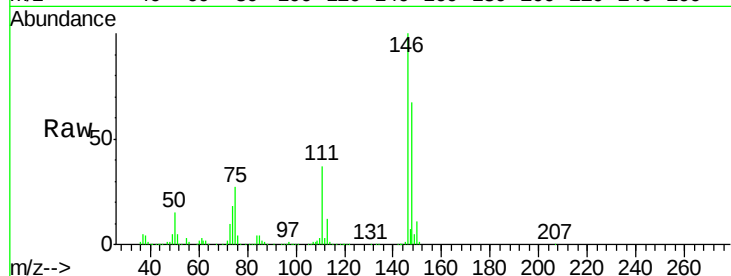




#83
 1,3-Dichlorobenzene
 Concen: 21.475 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

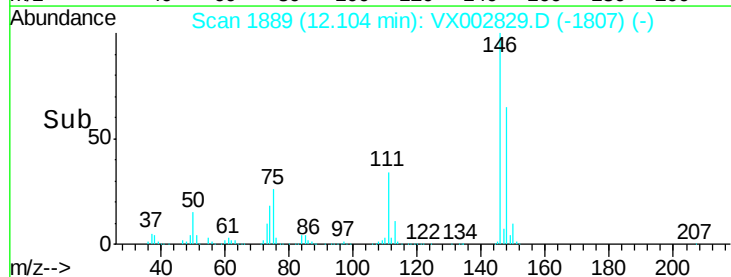
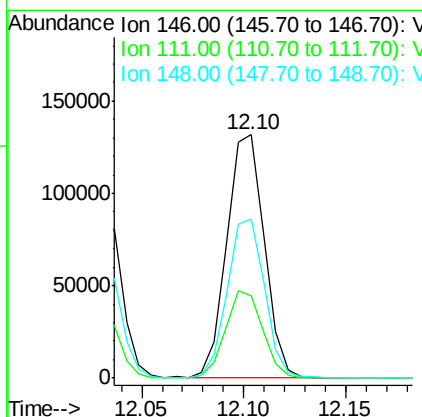
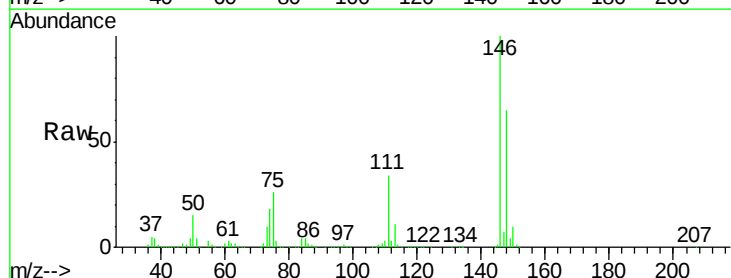
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

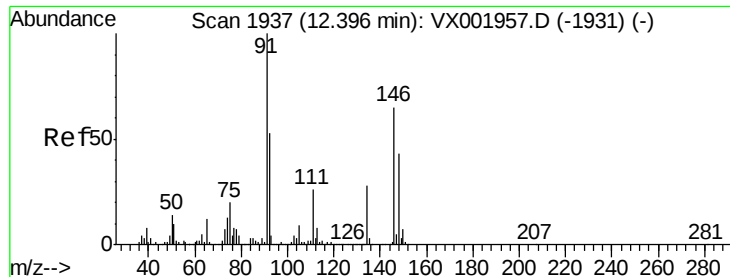
Tgt Ion:146 Resp: 165176
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.5
 148 64.8 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 21.613 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion:146 Resp: 167899
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.5 55.5
 148 65.1 32.0 96.0

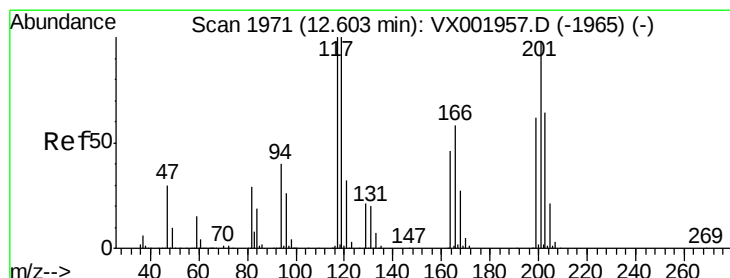
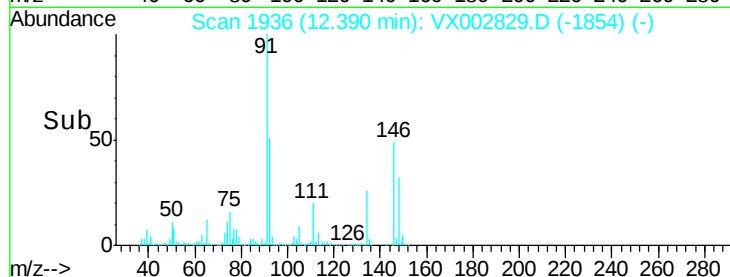
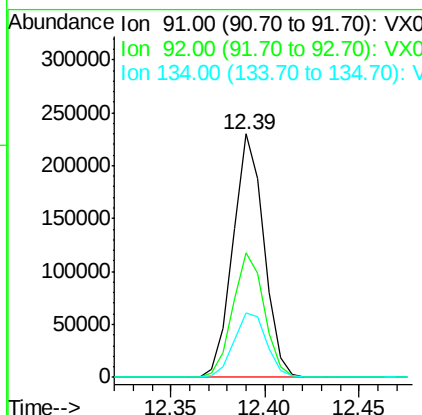
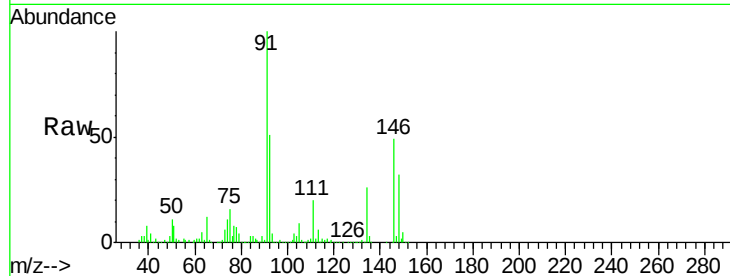




#85
n-Butylbenzene
Concen: 20.979 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

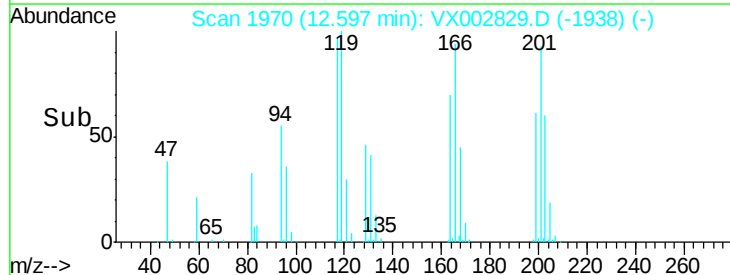
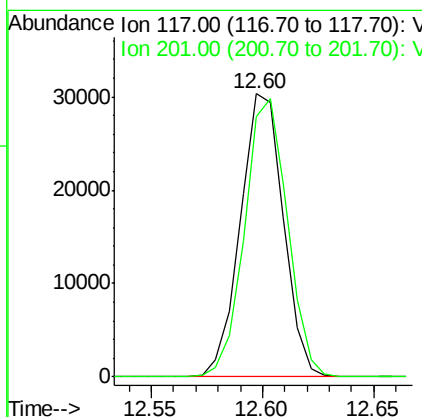
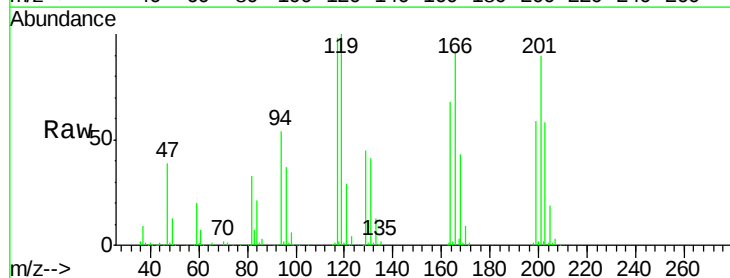
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

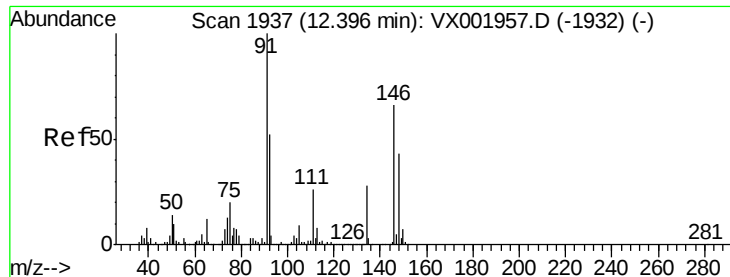
Tgt Ion: 91 Resp: 261733
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.2
134 27.9 0.0 53.2



#86
Hexachloroethane
Concen: 19.189 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 117 Resp: 40937
Ion Ratio Lower Upper
117 100
201 97.4 47.6 142.8

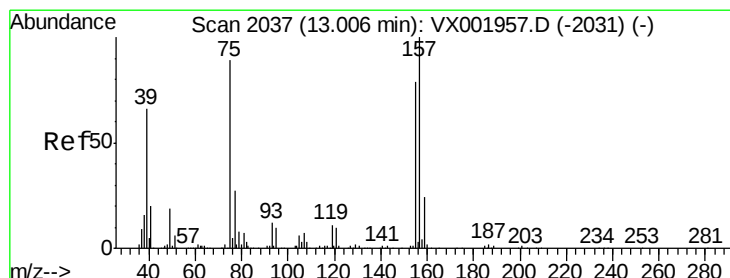
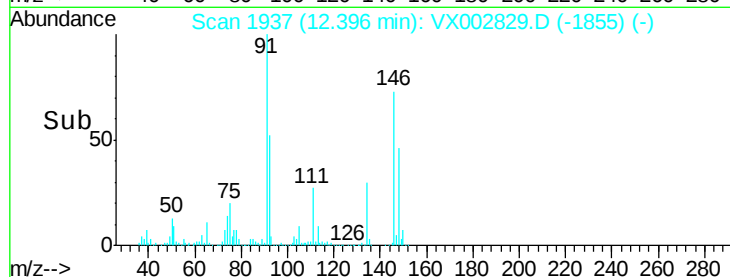
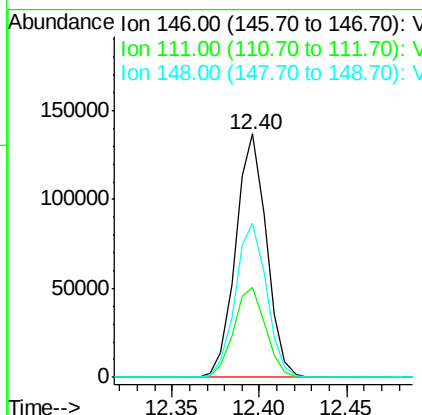
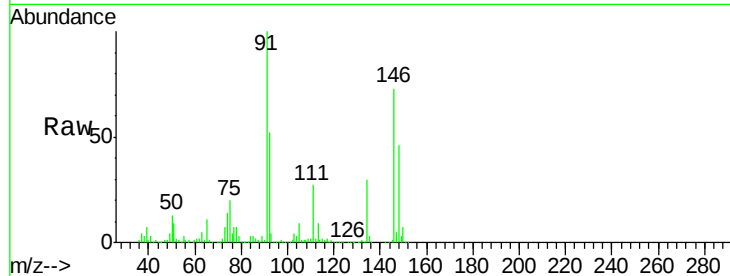




#87
 1,2-Dichlorobenzene
 Concen: 21.551 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

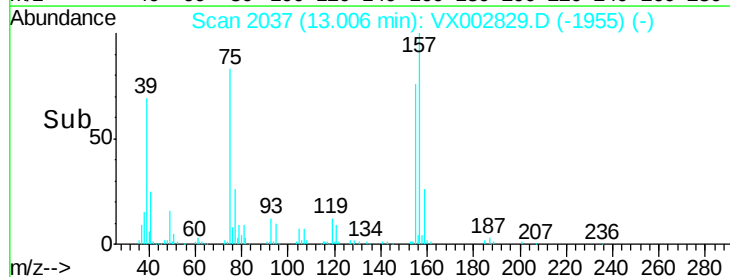
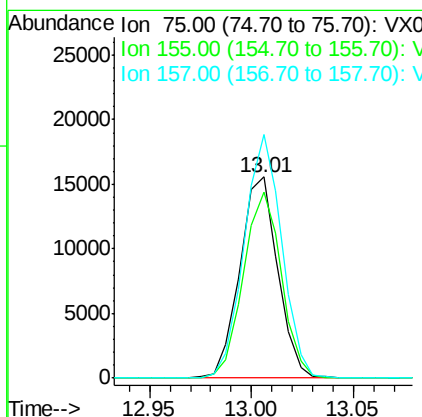
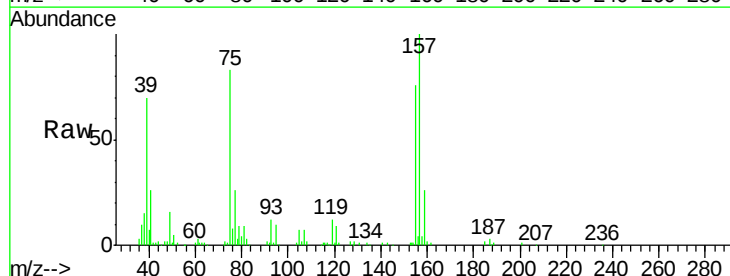
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

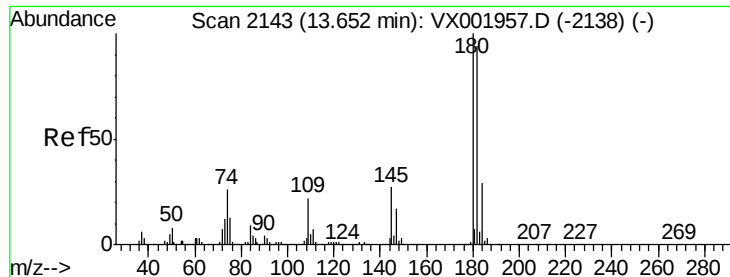
Tgt Ion: 146 Resp: 167391
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.0 59.9
 148 64.3 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.022 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion: 75 Resp: 20095
 Ion Ratio Lower Upper
 75 100
 155 92.6 73.1 109.7
 157 120.1 93.1 139.7

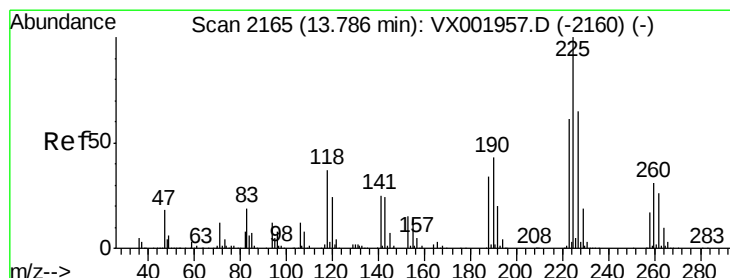
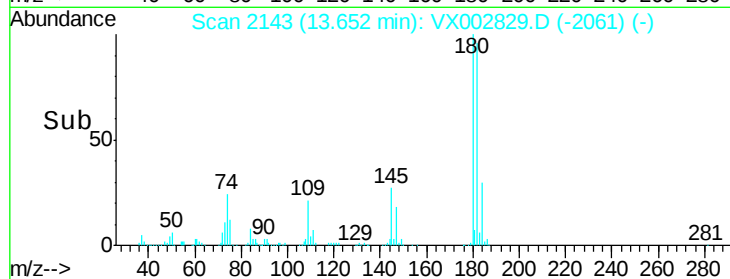
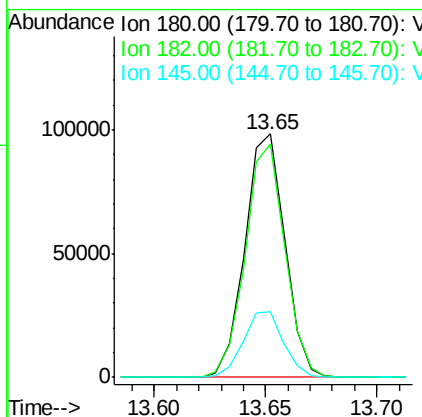
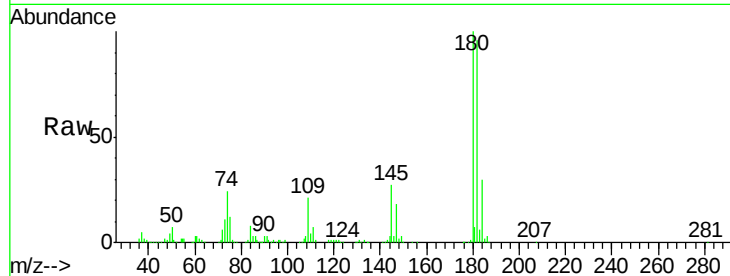




#89
 1,2,4-Trichlorobenzene
 Concen: 21.127 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

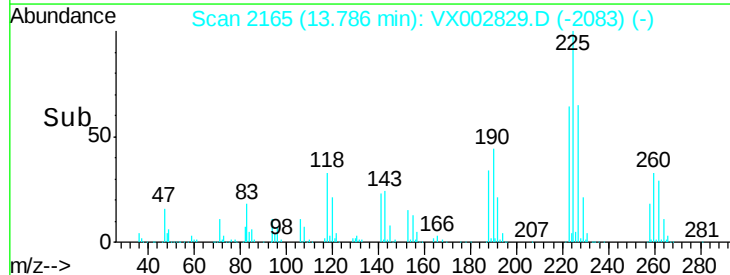
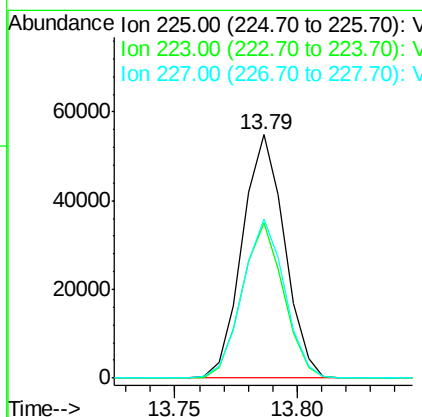
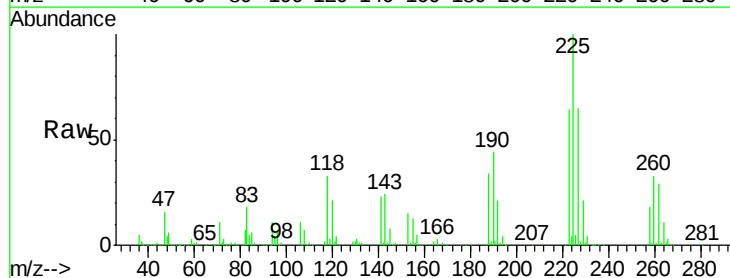
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

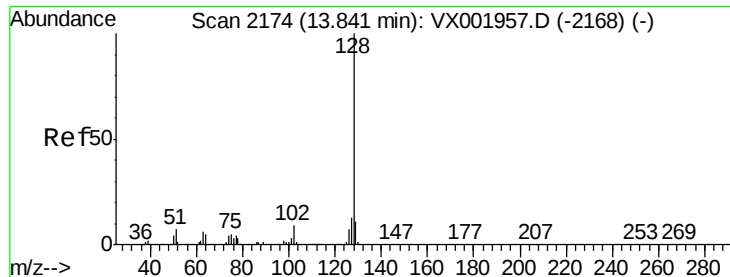
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	27.2	22.9	34.3



#90
 Hexachlorobutadiene
 Concen: 21.552 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	122.4
227	65.0	0.0	128.0

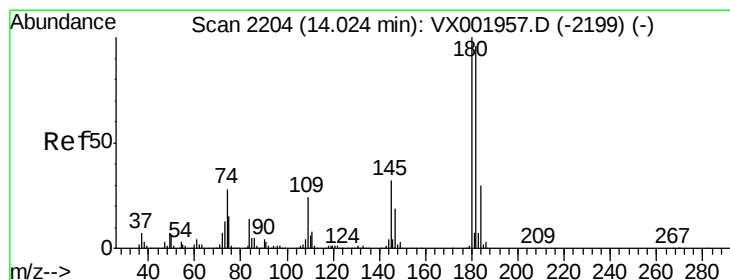
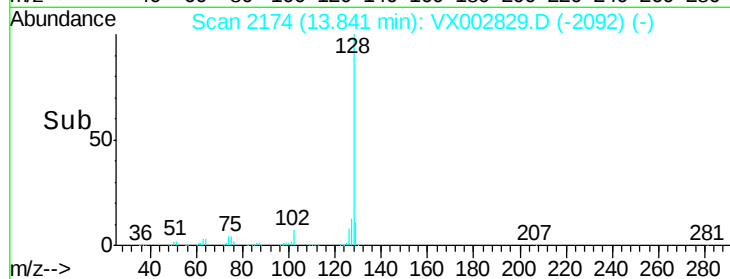
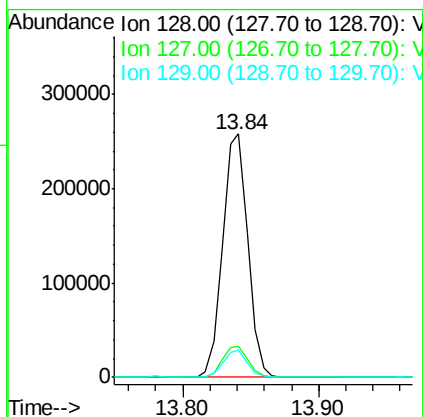
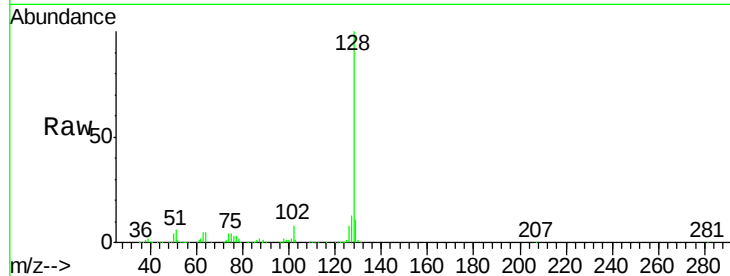




#91
Naphthalene
Concen: 21.156 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 328771
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: 21.334 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:180 Resp: 124443
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 29.5 0.0 60.6

