

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
 Data File : VX001807.D
 Acq On : 18 May 2018 04:41
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: May 18 06:11:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	61349	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	262368	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	205400	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	119045	27.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	91.10%
60) 4-Bromofluorobenzene	11.14	95	91193	28.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.83%
63) Toluene-d8	8.72	98	312417	33.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.83%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34038	12.94	ug/l	100
3) Chloromethane	1.32	50	63040	19.68	ug/l	100
4) Vinyl Chloride	1.40	62	55461	17.14	ug/l	100
5) Bromomethane	1.64	94	38754	23.75	ug/l	100
6) Chloroethane	1.73	64	40602	18.51	ug/l	100
7) Trichlorofluoromethane	1.93	101	62221	13.91	ug/l	100
8) Diethyl Ether	2.19	74	42933	20.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34244	13.85	ug/l	100
10) 1,1-Dichloroethene	2.37	96	42156	15.96	ug/l	100
11) Methyl Iodide	2.51	142	65522	16.63	ug/l	100
12) Methyl Acetate	2.78	43	103830	21.54	ug/l	100
13) Acrolein	2.29	56	60343	108.08	ug/l	100
14) Acrylonitrile	3.15	53	196281	103.01	ug/l	100
15) Acetone	2.45	58	53840	104.78	ug/l	100
16) Carbon Disulfide	2.57	76	103132	15.66	ug/l	100
17) Allyl chloride	2.73	41	94020	18.13	ug/l	100
18) Methylene Chloride	2.86	84	64657	19.76	ug/l	100
19) trans-1,2-Dichloroethene	3.17	96	51920	17.70	ug/l	100
20) Diisopropyl ether	3.88	45	205485	20.47	ug/l	100
21) 1,1-Dichloroethane	3.70	63	105563	18.82	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	67385	19.77	ug/l	100
23) tert-Butyl Alcohol	3.08	59	80770	96.52	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	202767	20.07	ug/l	100
25) Chloroform	5.22	83	113213	19.38	ug/l	100
26) Cyclohexane	5.58	56	58210	14.92	ug/l #	100
29) 1,1-Dichloropropene	5.80	75	59016	18.62	ug/l	100
30) 2-Butanone	4.72	43	269408	120.06	ug/l	100
31) 2,2-Dichloropropane	4.59	77	36309	14.05	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	77998	19.24	ug/l	100
33) Carbon Tetrachloride	5.79	117	62369	17.74	ug/l	100
34) Benzene	6.15	78	237141	22.32	ug/l	100
35) Methacrylonitrile	5.07	41	56896	23.48	ug/l	100
36) 1,2-Dichloroethane	6.20	62	94380	22.49	ug/l	100
37) Trichloroethene	7.22	130	63670	20.77	ug/l	100
38) Methylcyclohexane	7.47	83	54887	16.60	ug/l	100
39) 1,2-Dichloropropane	7.52	63	62418	23.13	ug/l	100
40) Dibromomethane	7.67	93	45313	23.42	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	79441	22.07	ug/l	100
42) Vinyl Acetate	3.83	43	694233	98.72	ug/l	100
43) Ethyl Acetate	4.87	43	101791	23.82	ug/l	100
44) Isopropyl Acetate	6.48	43	148223	22.77	ug/l	100
45) 1,4-Dioxane	7.76	88	35369	463.18	ug/l	100
46) Methyl methacrylate	7.79	41	78658	22.54	ug/l	100
47) n-amyl Acetate	10.90	43	103329	19.40	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	83498	21.18	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	72168	20.74	ug/l	100
50) 1,1,2-Trichloroethane	9.22	97	62454	22.23	ug/l	100
51) Ethyl methacrylate	9.19	69	83248	20.61	ug/l	100
52) 1,3-Dichloropropane	9.38	76	99404	21.58	ug/l	100
53) Dibromochloromethane	9.59	129	59751	20.61	ug/l	100
54) 1,2-Dibromoethane	9.68	107	63447	21.59	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	254387	115.83	ug/l	100
56) Bromoform	10.87	173	48317	20.24	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	521755	132.43	ug/l	100
59) 2-Hexanone	9.51	43	340502	119.36	ug/l	100
61) Tetrachloroethene	9.34	164	59626	20.38	ug/l	100
62) Toluene	8.79	91	231115	22.99	ug/l	100
64) Chlorobenzene	10.15	112	136574	21.21	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	55986	22.52	ug/l	100
66) Ethyl Benzene	10.26	91	195231	19.55	ug/l	100
67) m/p-Xylenes	10.37	106	156667	39.35	ug/l	100
68) o-Xylene	10.71	106	79717	20.05	ug/l	100
69) Styrene	10.72	104	135635	20.54	ug/l	100
70) Isopropylbenzene	11.02	105	190383	18.97	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	84368	23.45	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	94589	27.14	ug/l	92
73) Bromobenzene	11.26	156	65591	20.88	ug/l	100
74) n-propylbenzene	11.37	91	200006	18.26	ug/l	100
75) 2-Chlorotoluene	11.43	91	135862	19.47	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	158077	18.74	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	16747	19.26	ug/l	100
78) 4-Chlorotoluene	11.52	91	149779	18.96	ug/l	100
79) tert-butylbenzene	12.07	119	156020	17.72	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	165220	19.13	ug/l	100
81) sec-Butylbenzene	11.95	105	171409	17.76	ug/l	100
82) p-Isopropyltoluene	12.07	119	156020	17.72	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	102722	19.16	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	102045	18.97	ug/l	100
85) n-Butylbenzene	12.40	91	111287	16.04	ug/l	100
86) Hexachloroethane	12.60	117	25142	17.73	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	111390	19.87	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18079	21.86	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	70193	17.89	ug/l	100
90) Hexachlorobutadiene	13.79	225	34723	17.58	ug/l	100
91) Naphthalene	13.84	128	252037	20.78	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	80511	19.19	ug/l	100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 06:08:30 2018
Response via : Initial Calibration

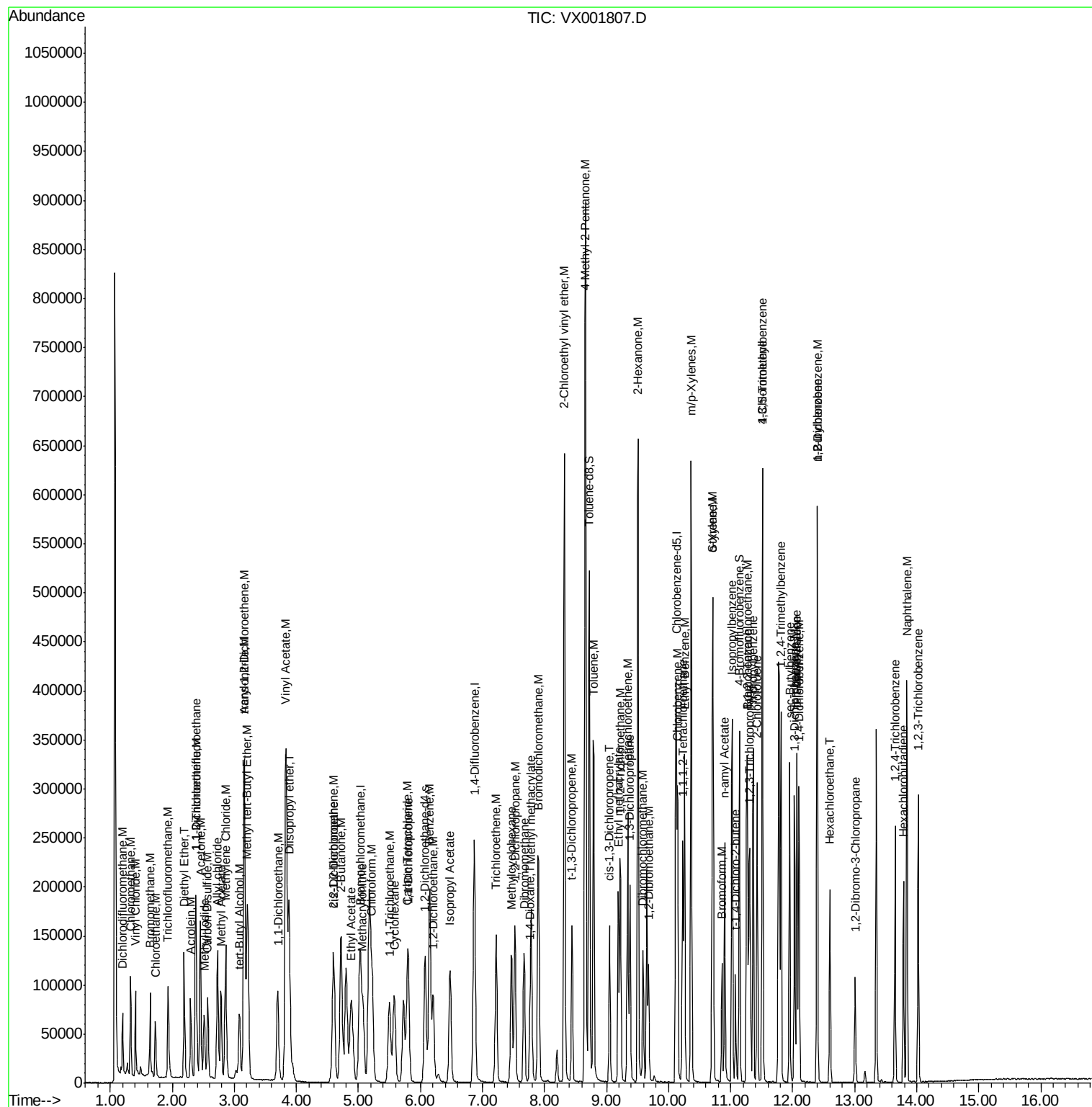
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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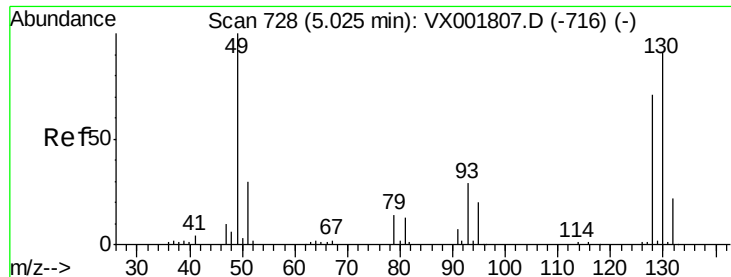
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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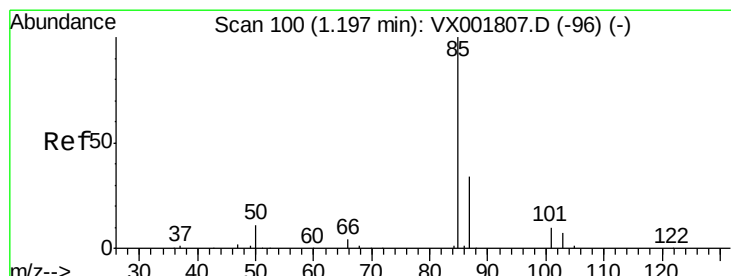
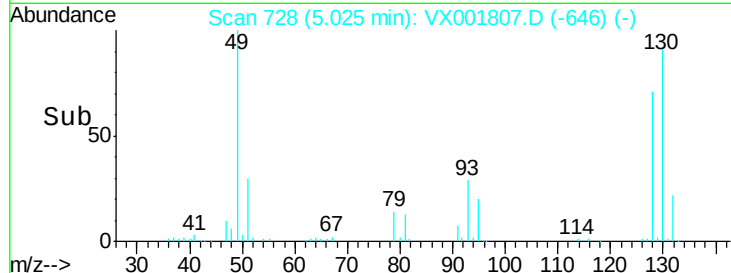
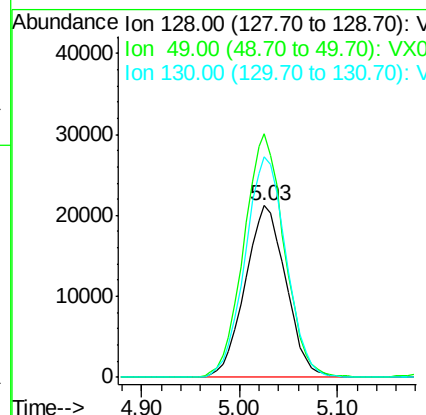
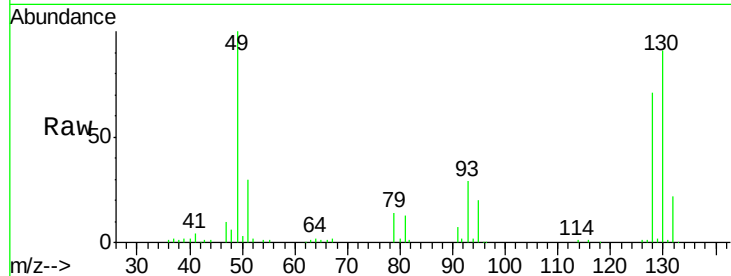




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

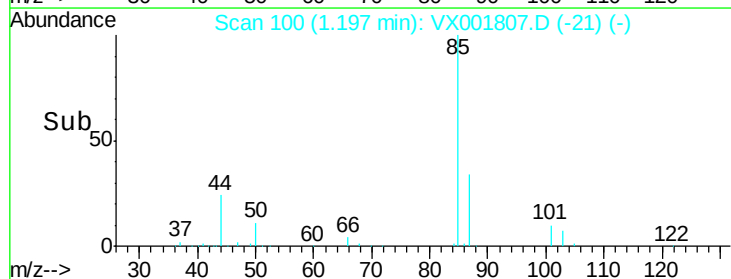
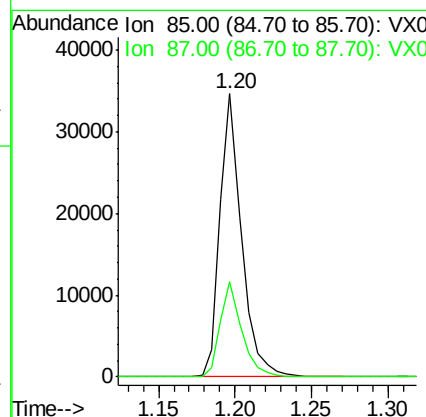
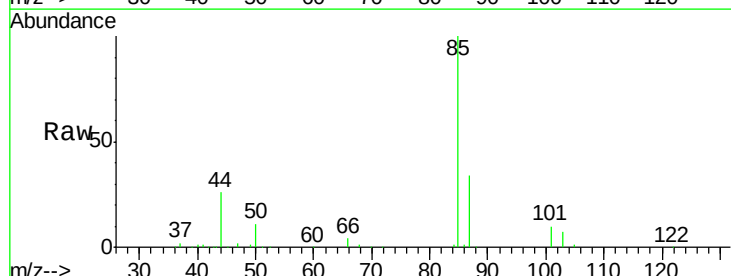
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

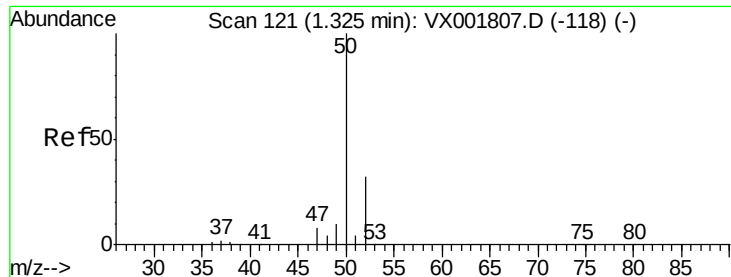
Tgt Ion:128 Resp: 61349
 Ion Ratio Lower Upper
 128 100
 49 140.9 0.0 352.3
 130 129.4 0.0 323.5



#2
 Dichlorodifluoromethane
 Concen: 12.94 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 85 Resp: 34038
 Ion Ratio Lower Upper
 85 100
 87 33.8 16.9 50.7





#3

Chloromethane

Concen: 19.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

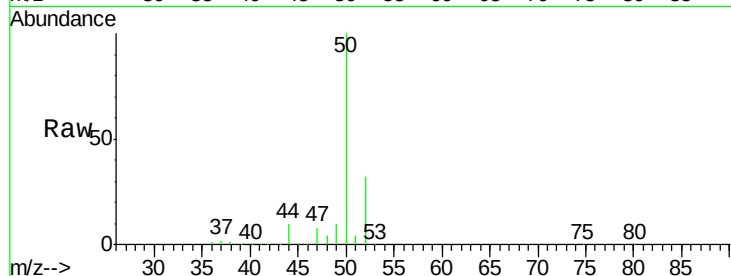
VSTDICCC020

Tgt Ion: 50 Resp: 63040

Ion Ratio Lower Upper

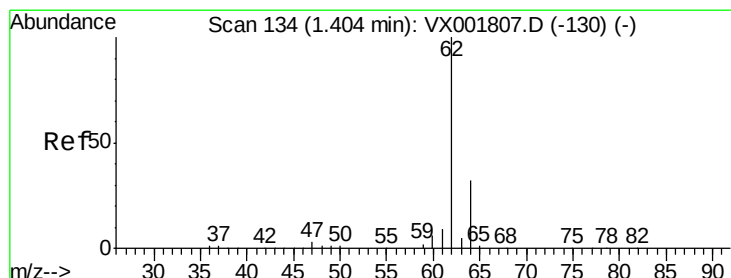
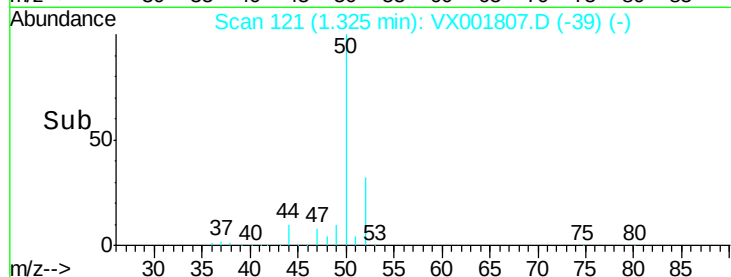
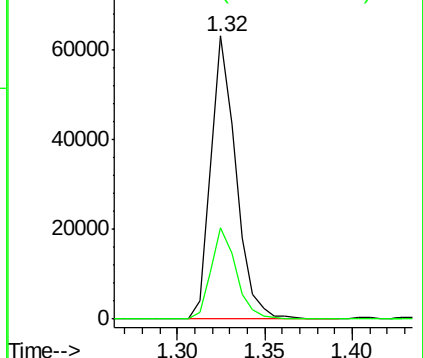
50 100

52 32.5 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001807.D

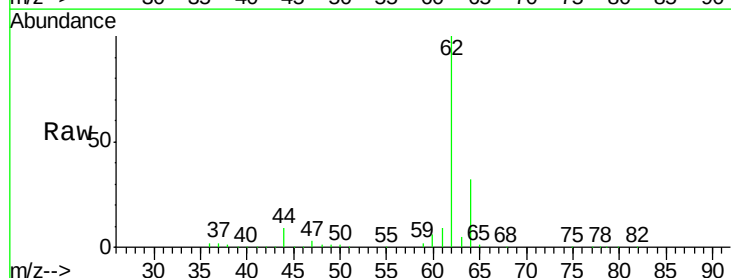
Acq: 18 May 2018 04:41

Tgt Ion: 62 Resp: 55461

Ion Ratio Lower Upper

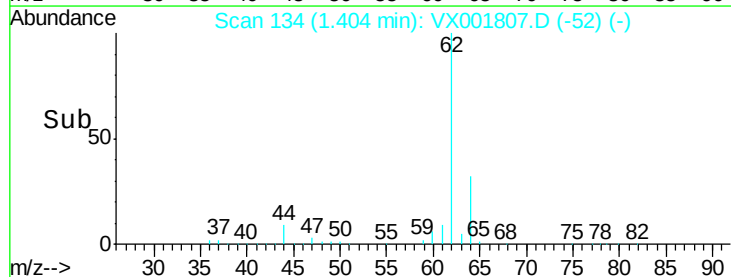
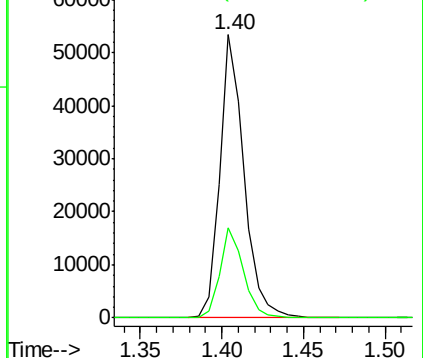
62 100

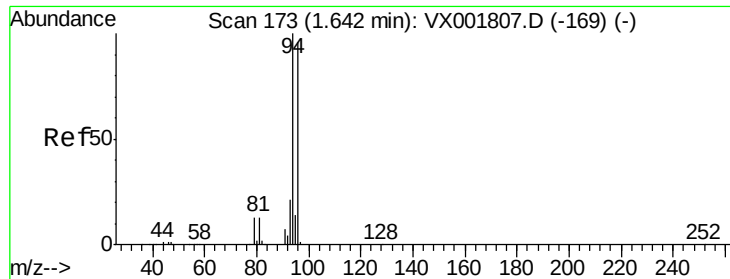
64 31.8 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 23.75 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

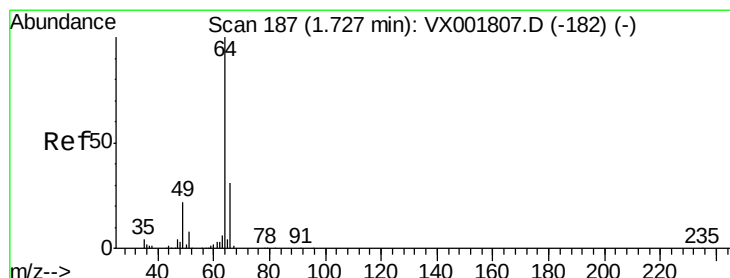
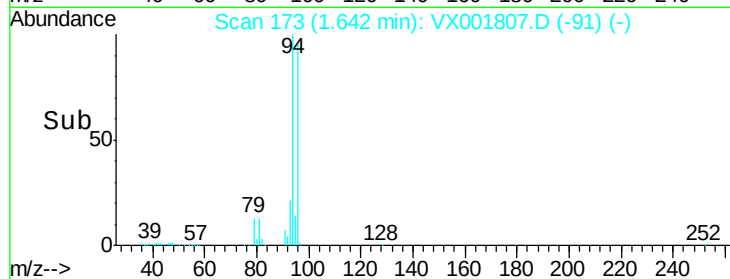
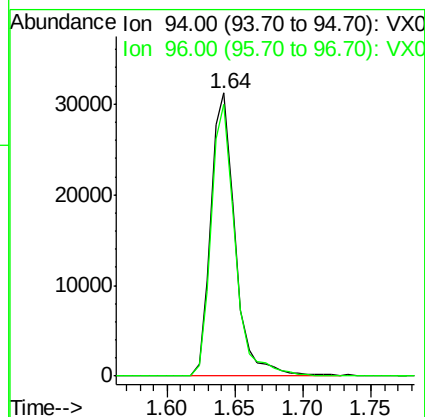
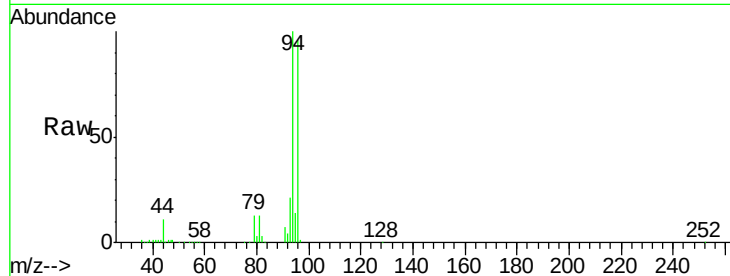
VSTDICCC020

Tgt Ion: 94 Resp: 38754

Ion Ratio Lower Upper

94 100

96 95.8 76.6 115.0



#6

Chloroethane

Concen: 18.51 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001807.D

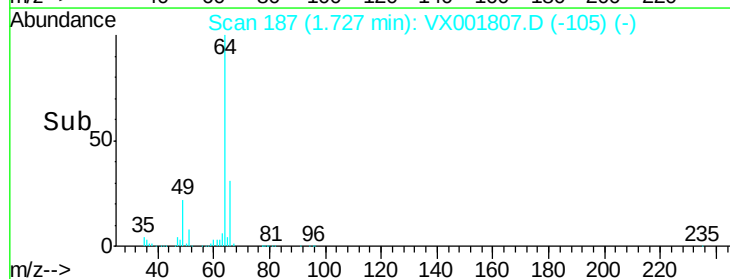
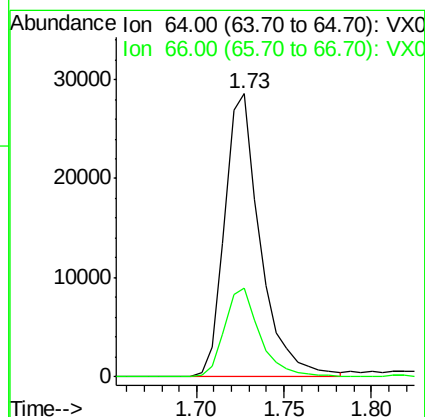
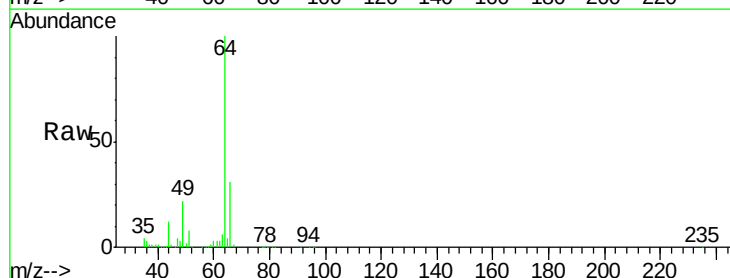
Acq: 18 May 2018 04:41

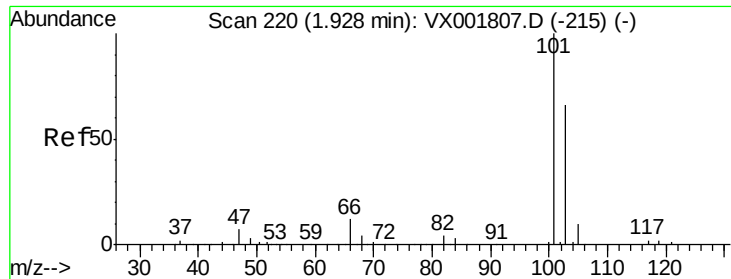
Tgt Ion: 64 Resp: 40602

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



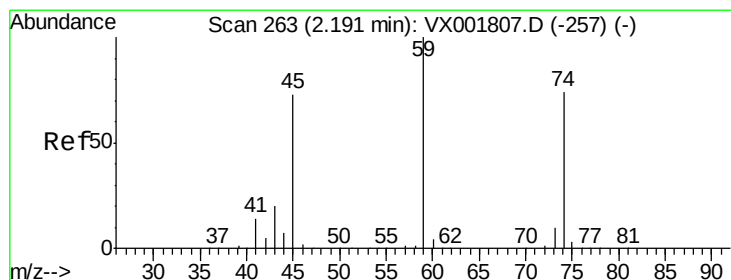
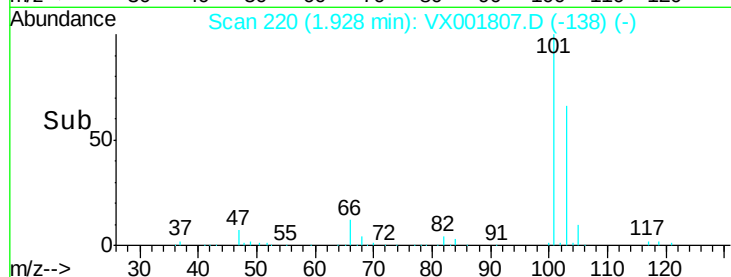
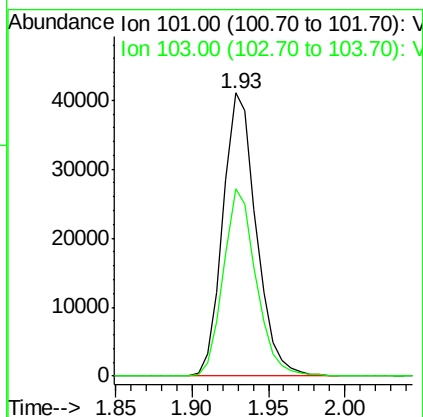
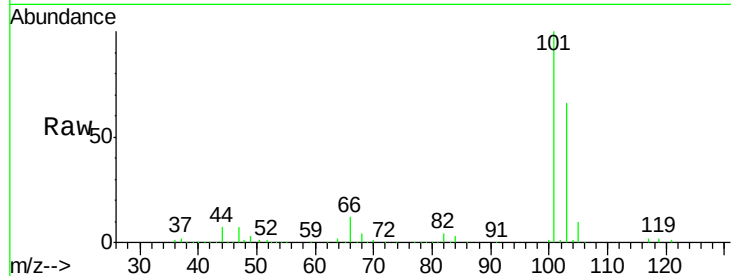


#7

Trichlorofluoromethane
 Concen: 13.91 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

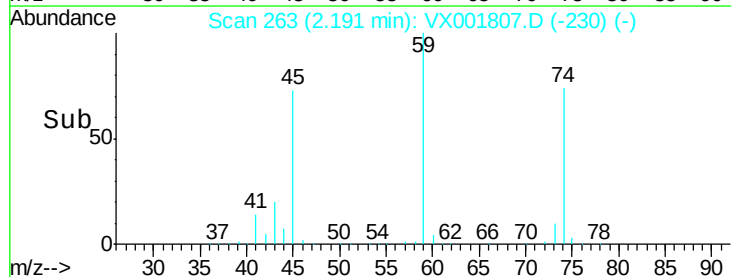
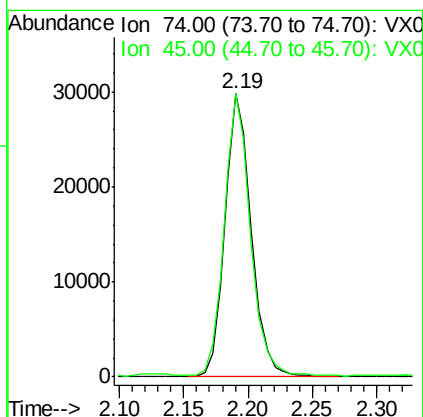
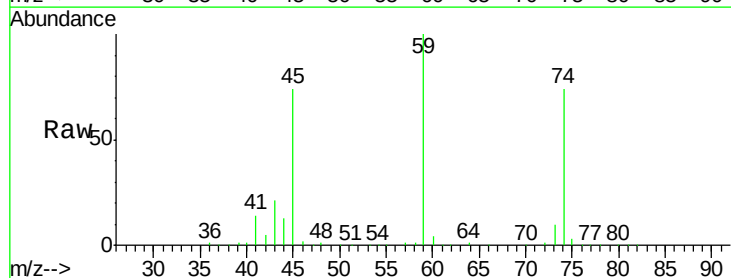
Tgt Ion: 101 Resp: 62221
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.9 79.3

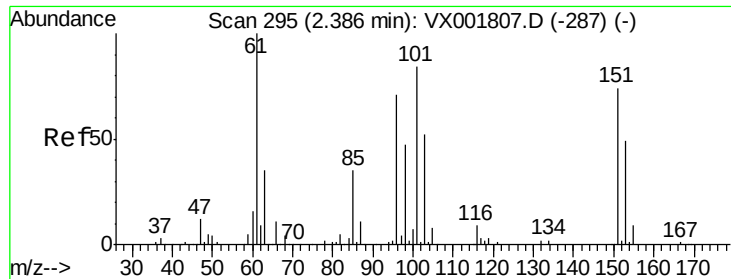


#8

Diethyl Ether
 Concen: 20.32 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 74 Resp: 42933
 Ion Ratio Lower Upper
 74 100
 45 98.9 19.8 178.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.85 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

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MSVOA_X

ClientSampleId :

VSTDICCC020

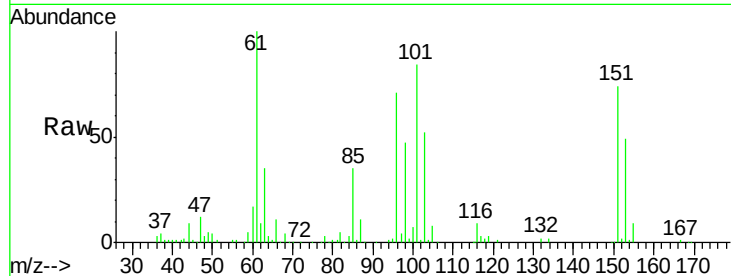
Tgt Ion:101 Resp: 34244

Ion Ratio Lower Upper

101 100

85 41.5 0.0 83.0

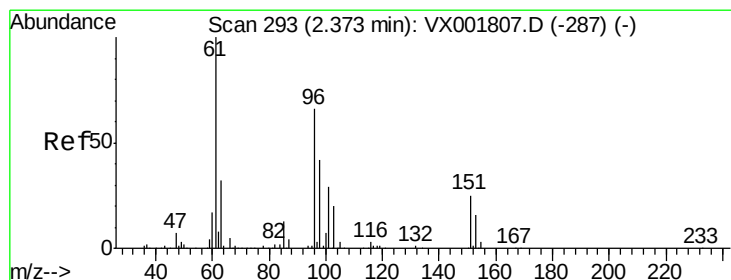
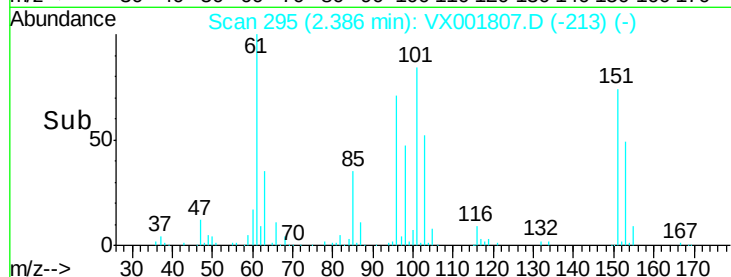
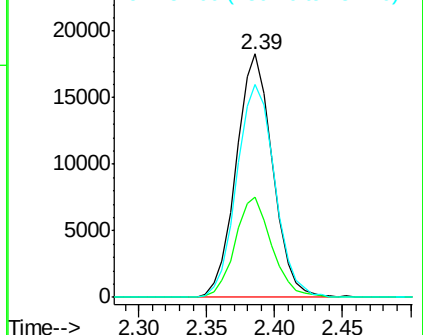
151 91.4 0.0 182.8



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: 15.96 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

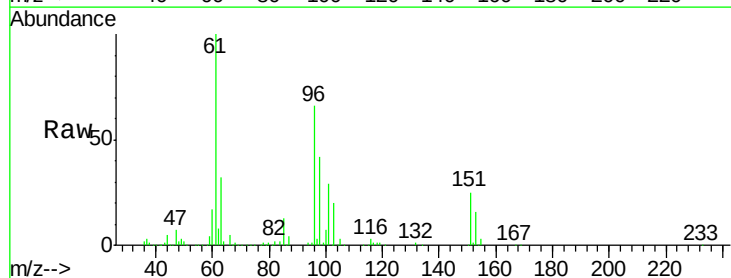
Tgt Ion: 96 Resp: 42156

Ion Ratio Lower Upper

96 100

61 151.1 120.9 181.3

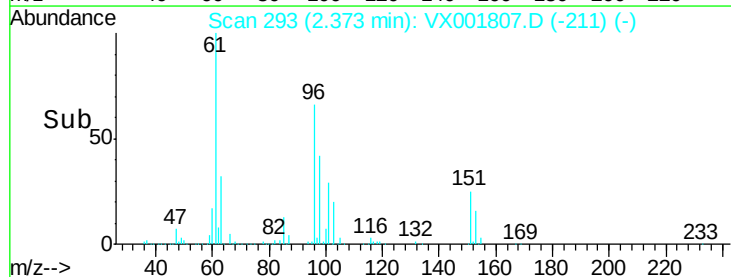
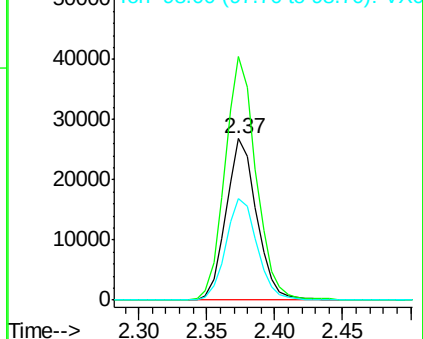
98 62.8 50.2 75.4

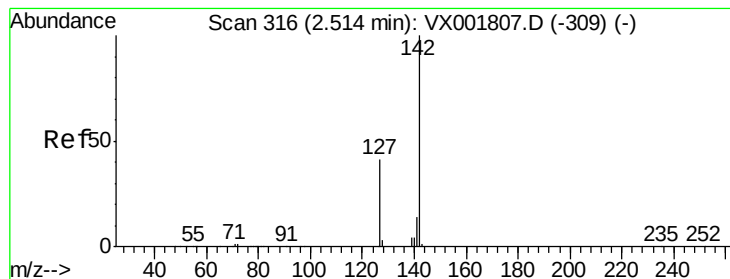


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 16.63 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

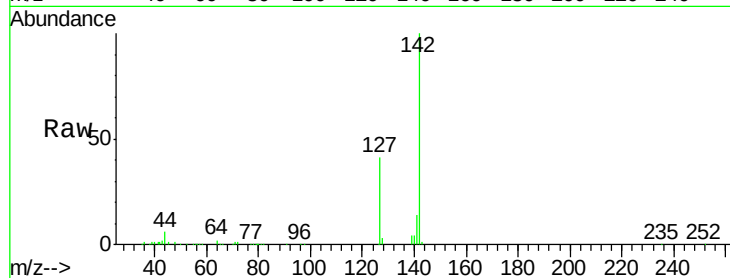
Tgt Ion:142 Resp: 65522

Ion Ratio Lower Upper

142 100

127 40.7 20.3 61.0

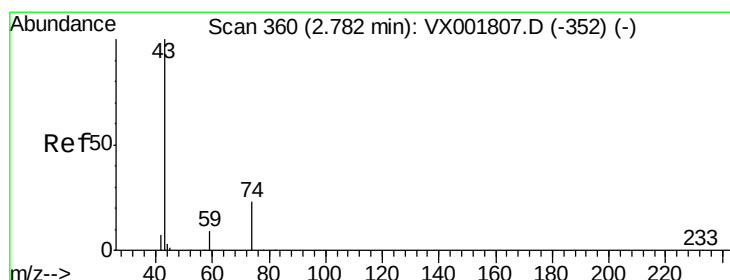
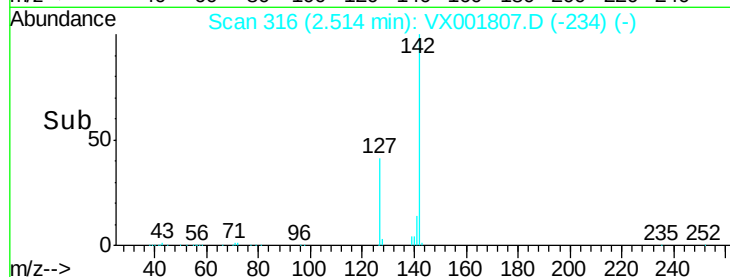
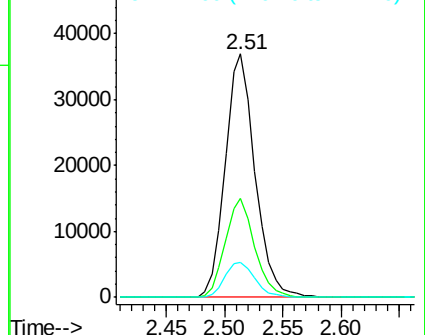
141 14.1 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 21.54 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001807.D

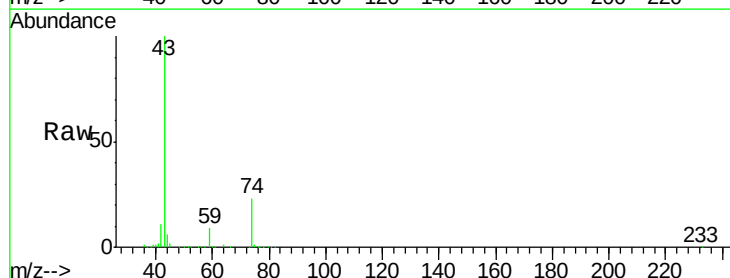
Acq: 18 May 2018 04:41

Tgt Ion: 43 Resp: 103830

Ion Ratio Lower Upper

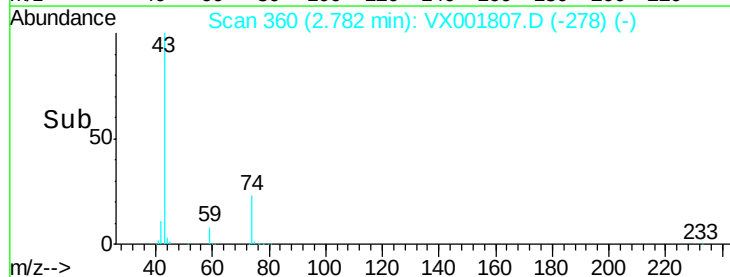
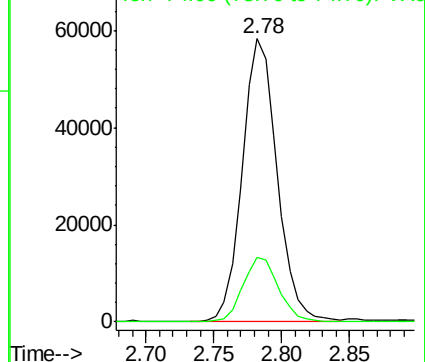
43 100

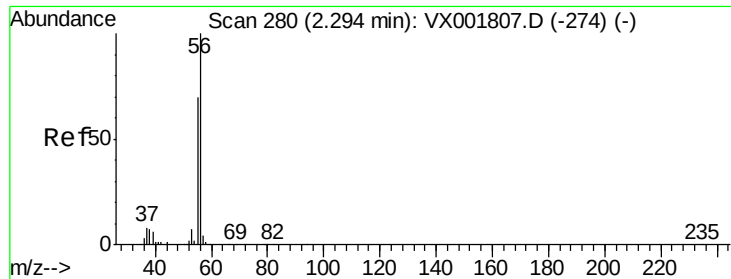
74 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 108.08 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

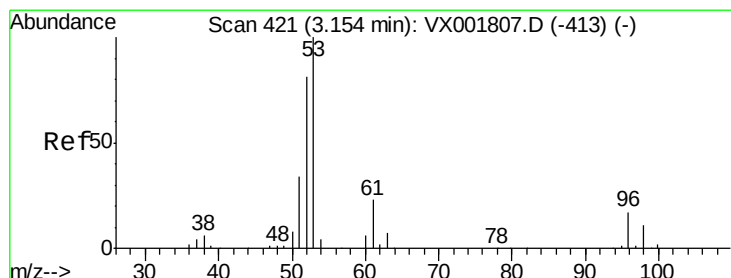
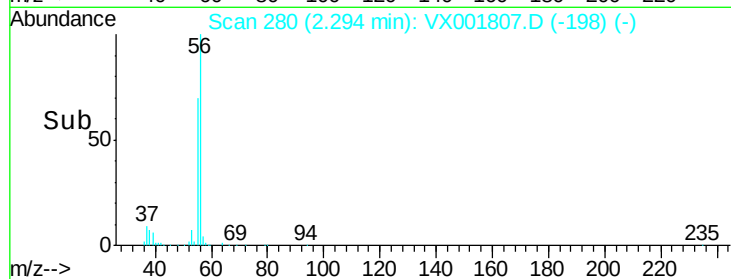
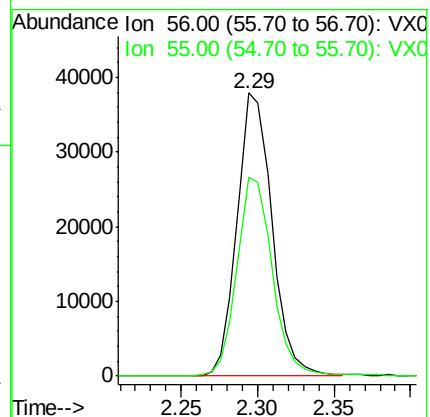
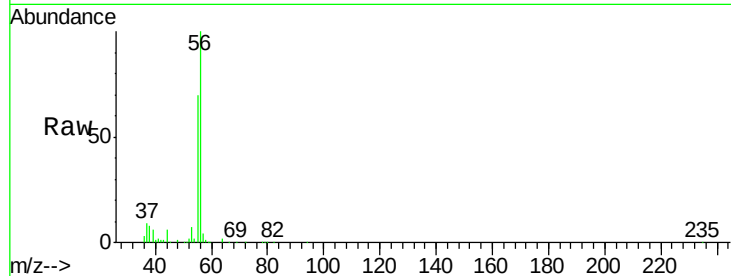
VSTDICCC020

Tgt Ion: 56 Resp: 60343

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Acrylonitrile

Concen: 103.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

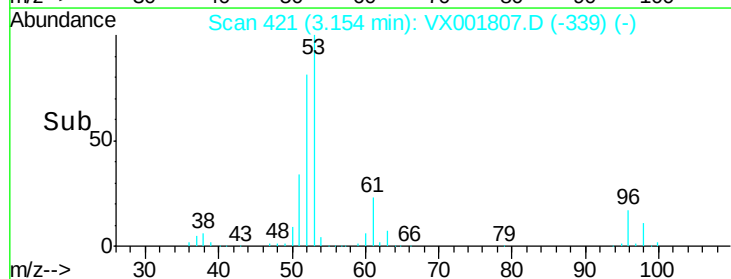
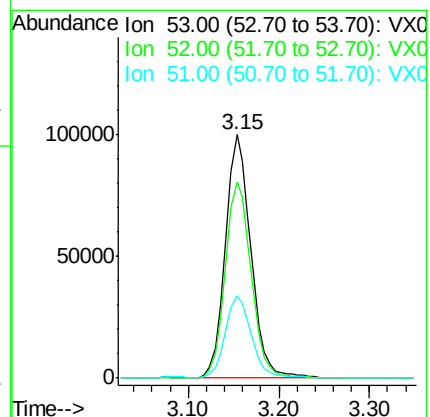
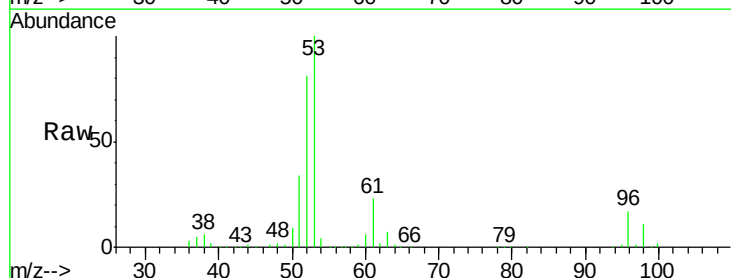
Tgt Ion: 53 Resp: 196281

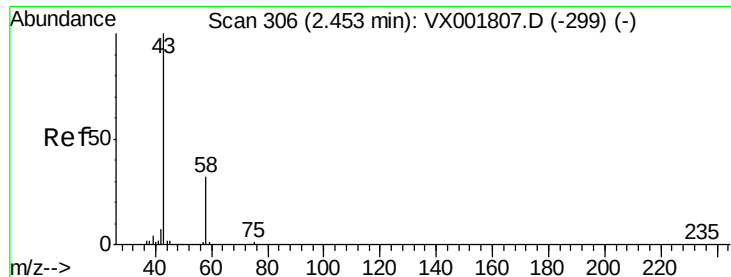
Ion Ratio Lower Upper

53 100

52 81.4 40.7 122.1

51 34.9 17.4 52.3





#15

Acetone

Concen: 104.78 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

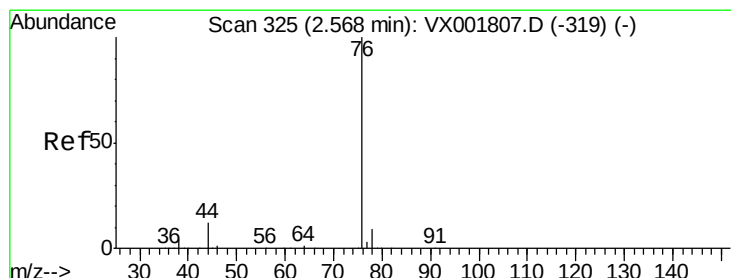
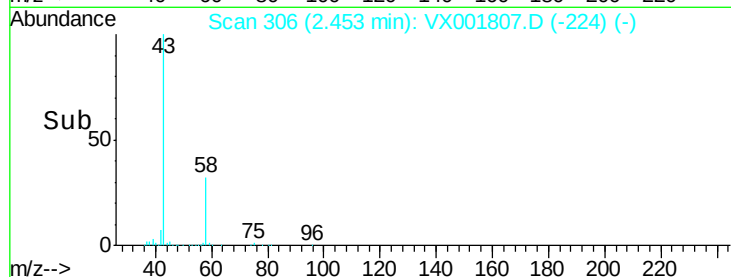
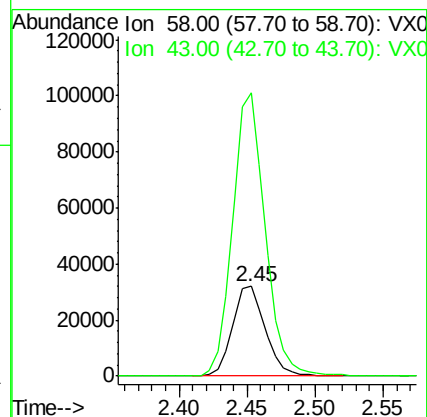
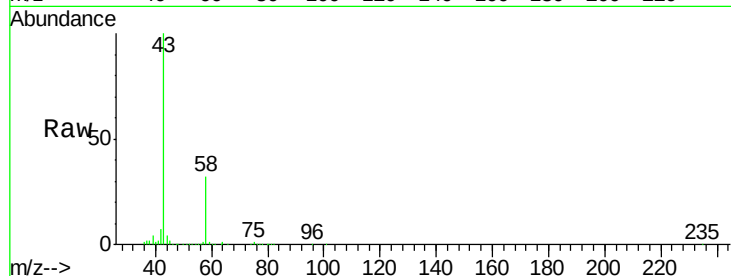
VSTDICCC020

Tgt Ion: 58 Resp: 53840

Ion Ratio Lower Upper

58 100

43 315.1 252.1 378.1



#16

Carbon Disulfide

Concen: 15.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001807.D

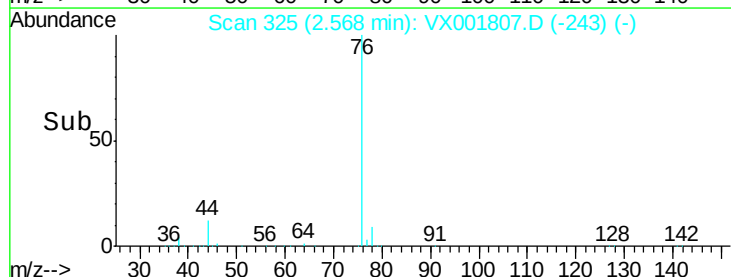
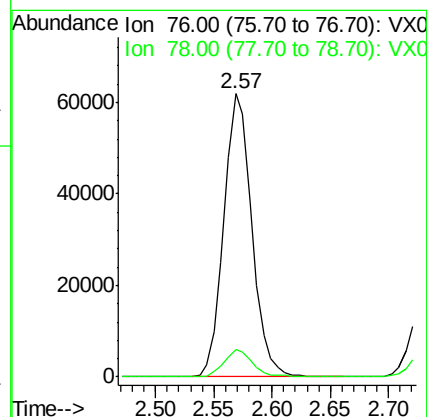
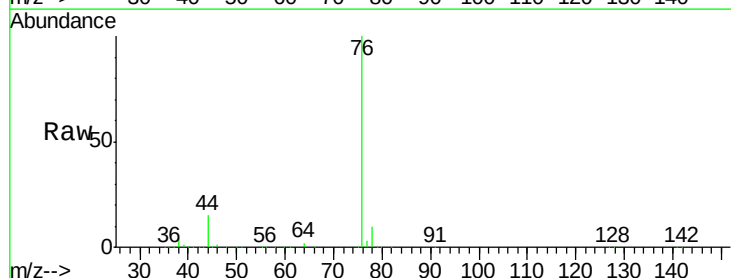
Acq: 18 May 2018 04:41

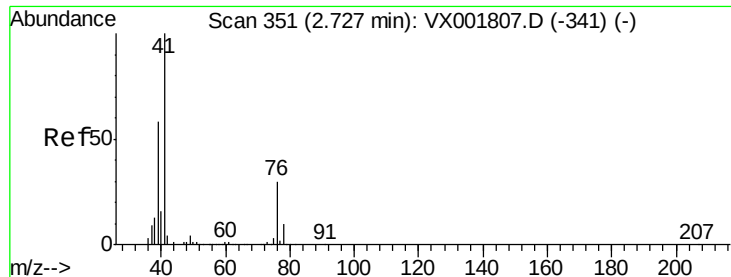
Tgt Ion: 76 Resp: 103132

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#17

Allyl chloride

Concen: 18.13 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

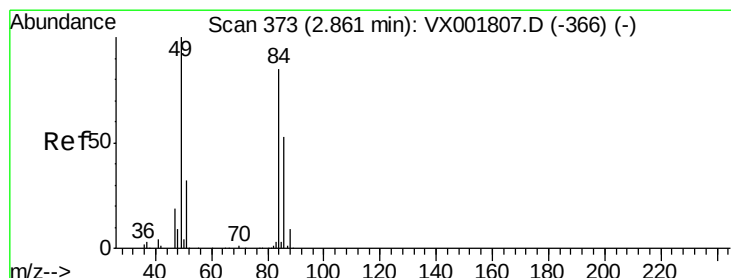
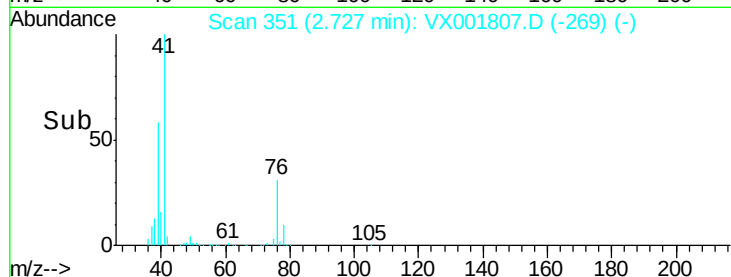
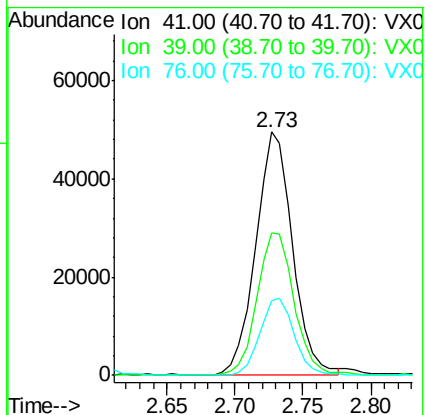
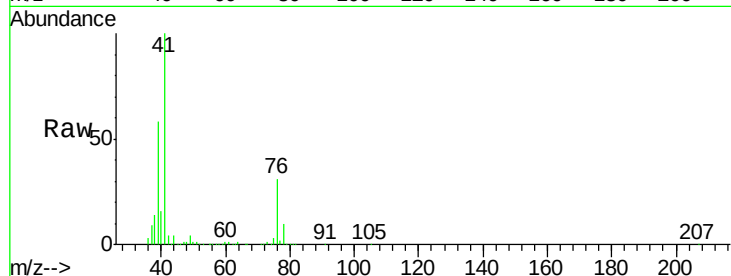
Tgt Ion: 41 Resp: 94020

Ion Ratio Lower Upper

41 100

39 58.2 29.1 87.3

76 30.3 15.2 45.5



#18

Methylene Chloride

Concen: 19.76 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Tgt Ion: 84 Resp: 64657

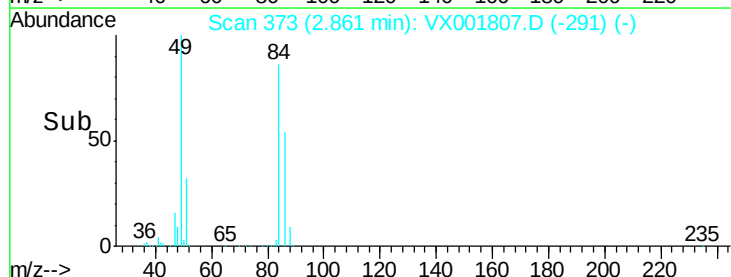
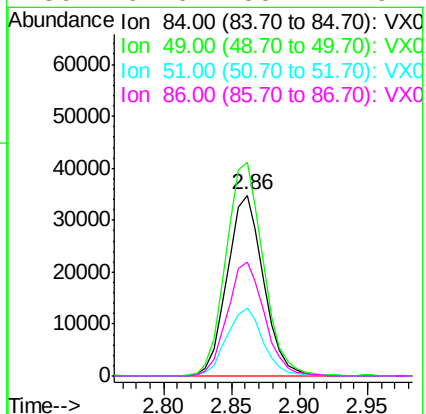
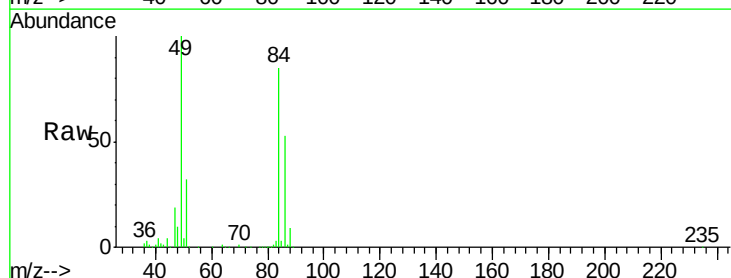
Ion Ratio Lower Upper

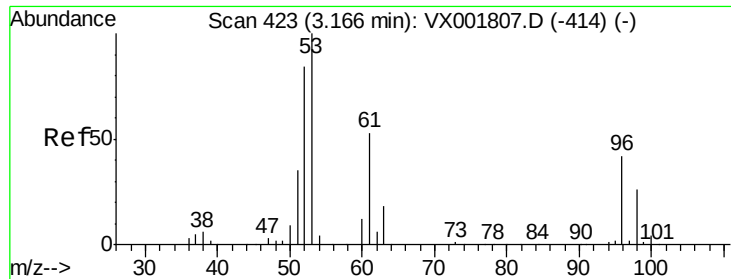
84 100

49 117.6 94.1 141.1

51 37.2 29.8 44.6

86 62.6 50.1 75.1





#19

trans-1,2-Dichloroethene

Concen: 17.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

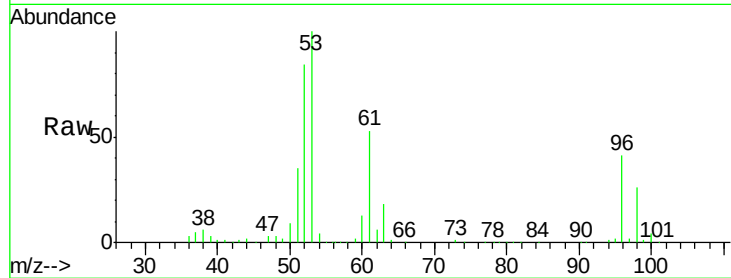
Tgt Ion: 96 Resp: 51920

Ion Ratio Lower Upper

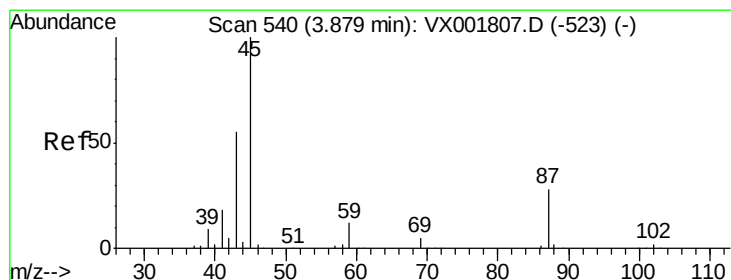
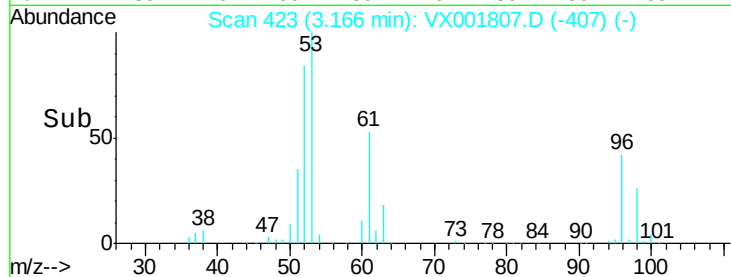
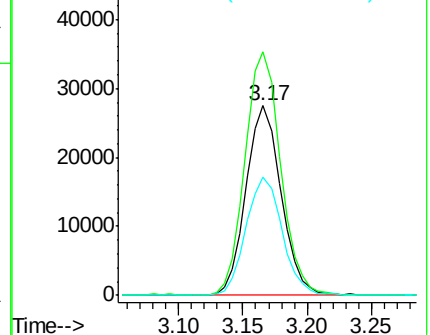
96 100

61 128.6 102.9 154.3

98 62.1 49.7 74.5



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: 20.47 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Tgt Ion: 45 Resp: 205485

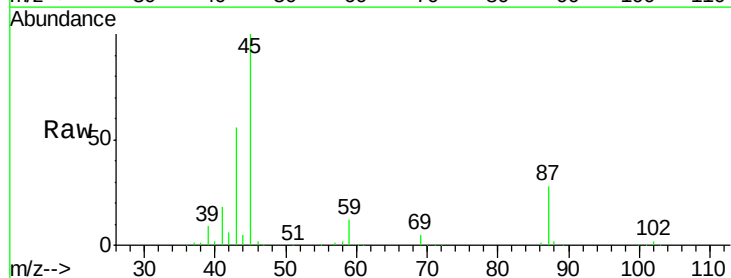
Ion Ratio Lower Upper

45 100

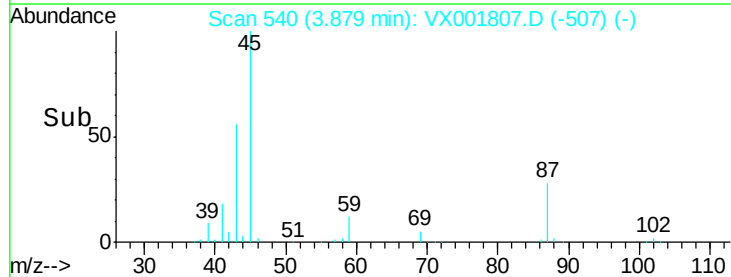
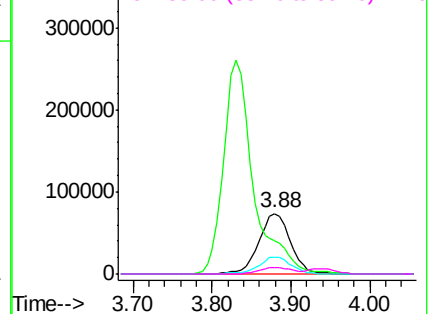
43 55.2 44.2 66.2

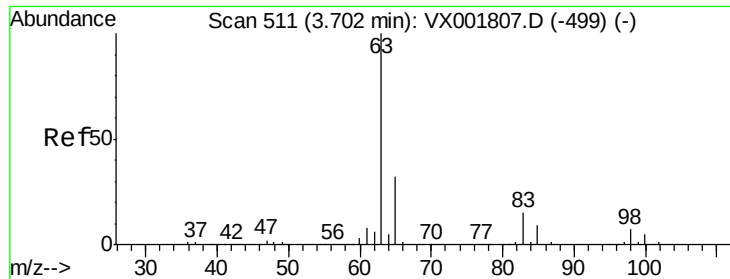
87 28.0 22.4 33.6

59 11.7 9.4 14.0



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

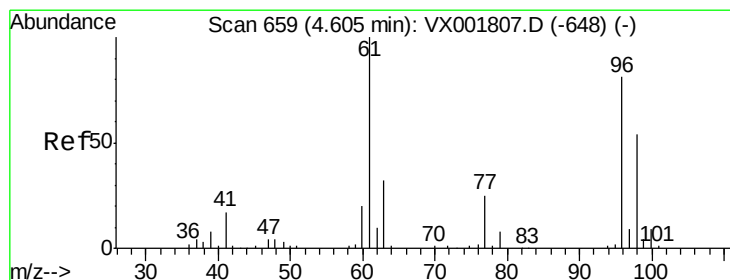
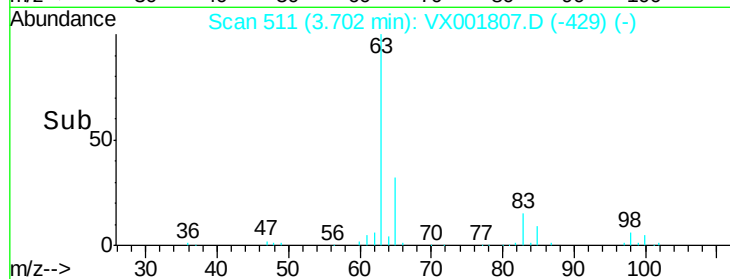
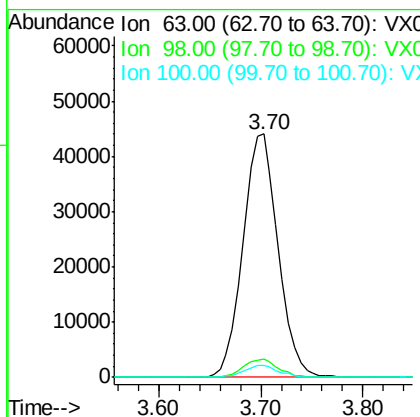
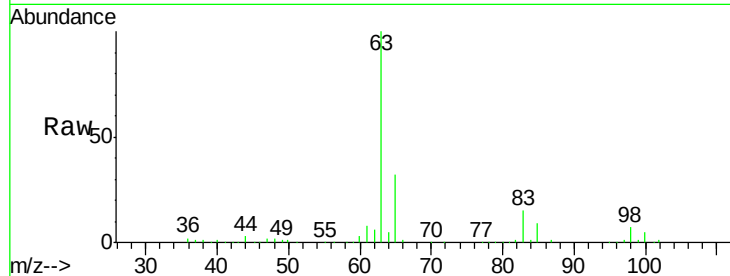




#21
 1,1-Dichloroethane
 Concen: 18.82 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

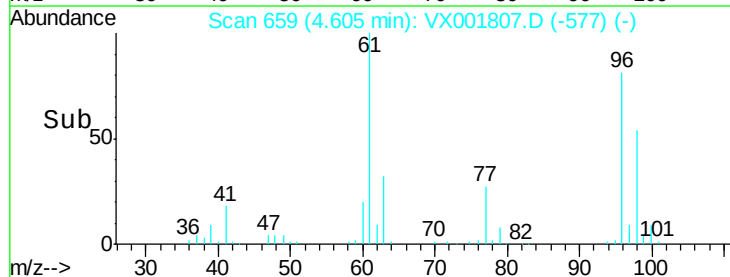
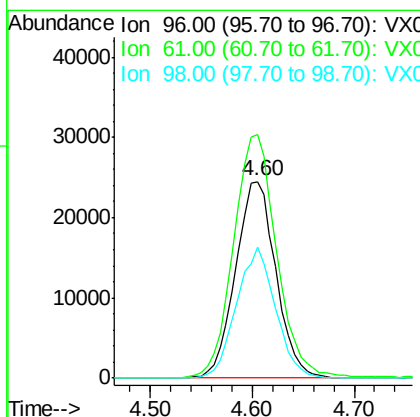
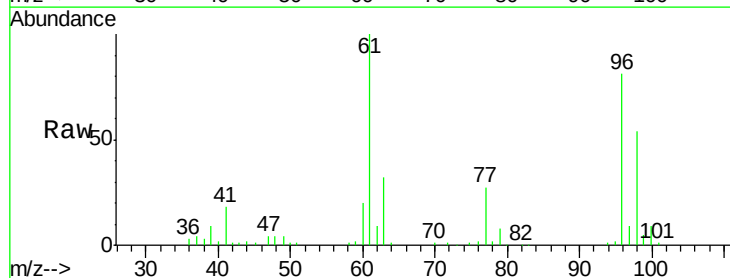
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

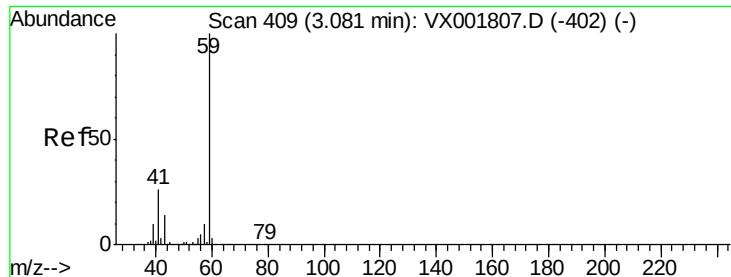
Tgt Ion: 63 Resp: 105563
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 5.1 2.5 7.6



#22
 cis-1,2-Dichloroethene
 Concen: 19.77 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 96 Resp: 67385
 Ion Ratio Lower Upper
 96 100
 61 132.4 105.9 158.9
 98 64.4 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 96.52 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

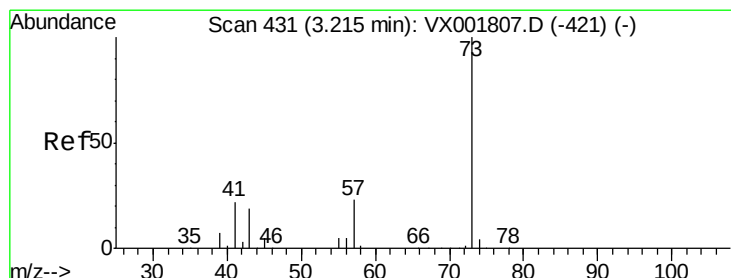
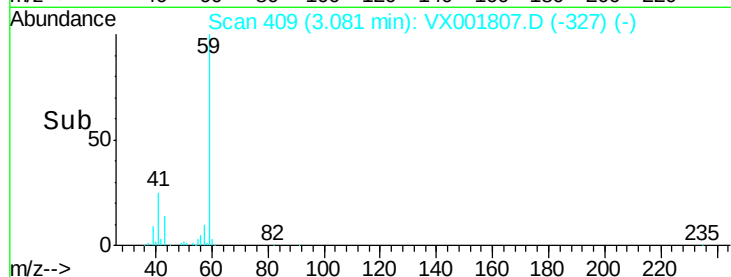
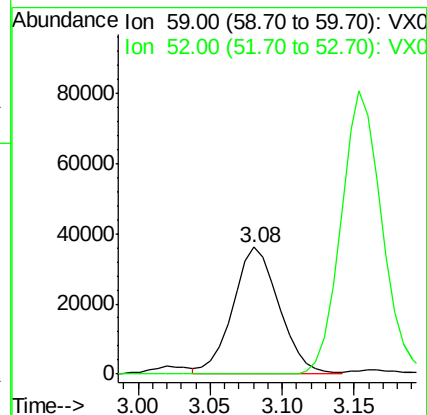
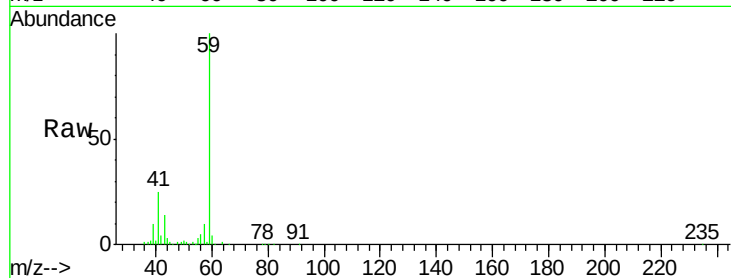
VSTDICCC020

Tgt Ion: 59 Resp: 80770

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 20.07 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001807.D

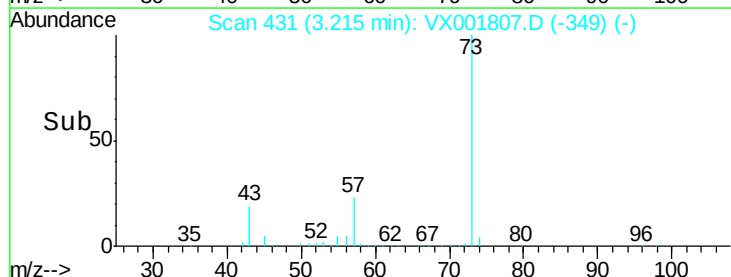
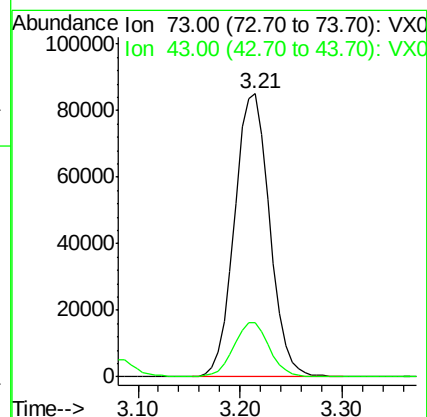
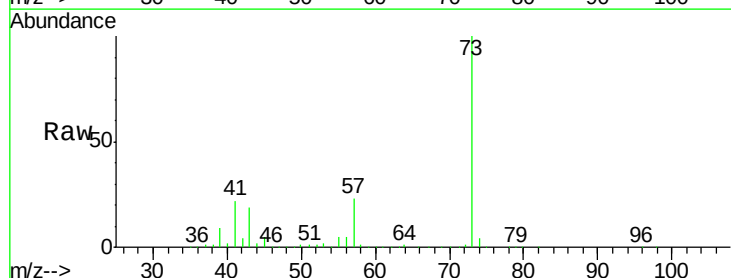
Acq: 18 May 2018 04:41

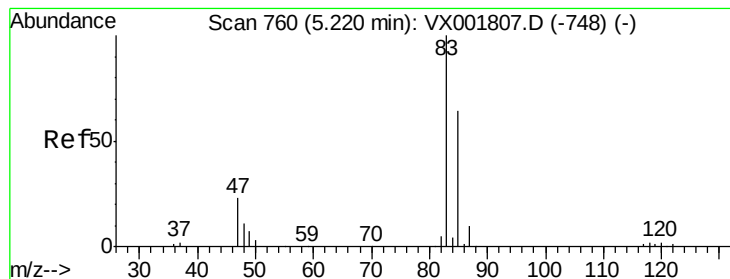
Tgt Ion: 73 Resp: 202767

Ion Ratio Lower Upper

73 100

43 19.0 15.2 22.8





#25

Chloroform

Concen: 19.38 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

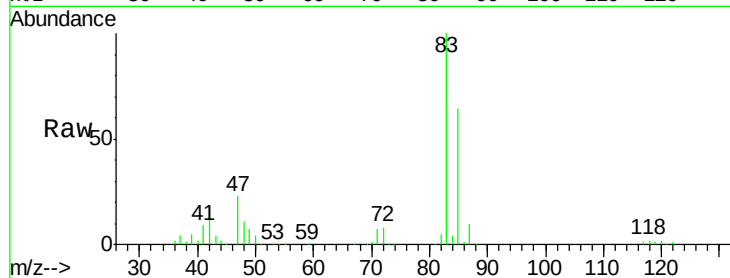
VSTDICCC020

Tgt Ion: 83 Resp: 113213

Ion Ratio Lower Upper

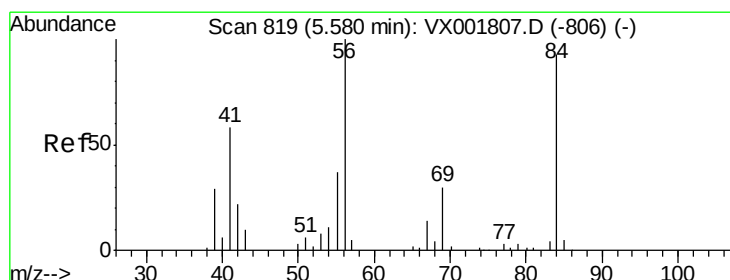
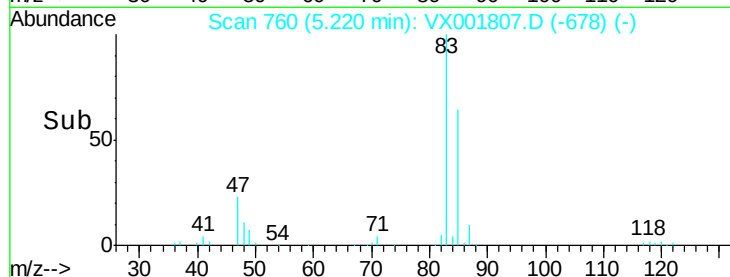
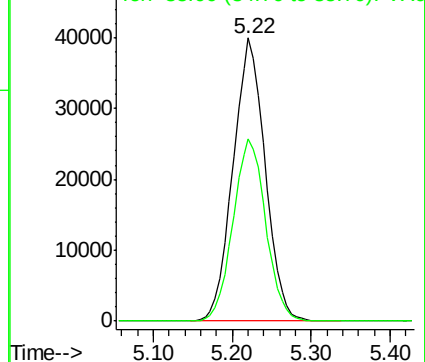
83 100

85 64.5 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 14.92 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

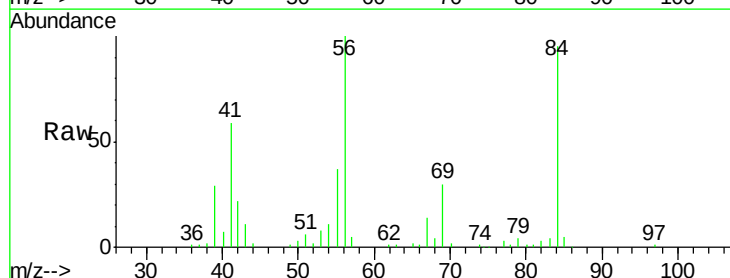
Tgt Ion: 56 Resp: 58210

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

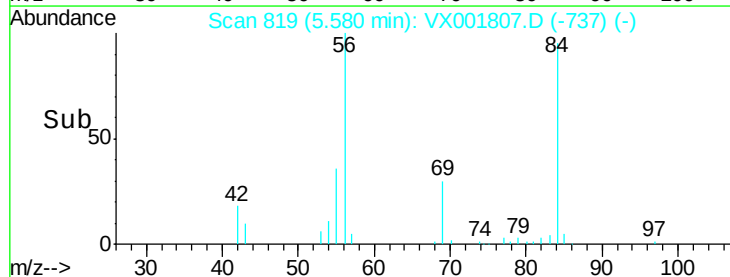
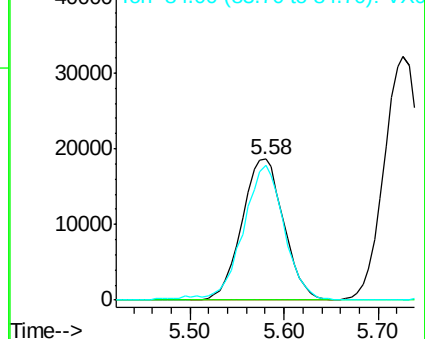
84 92.3 73.8 110.8

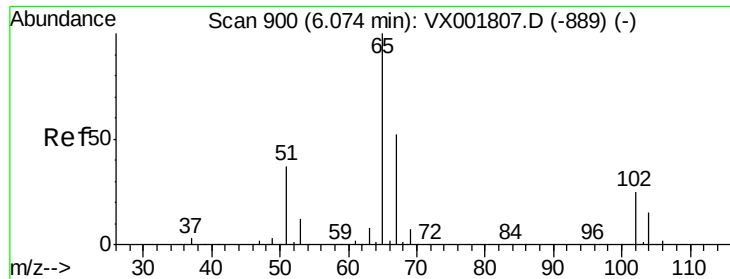


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

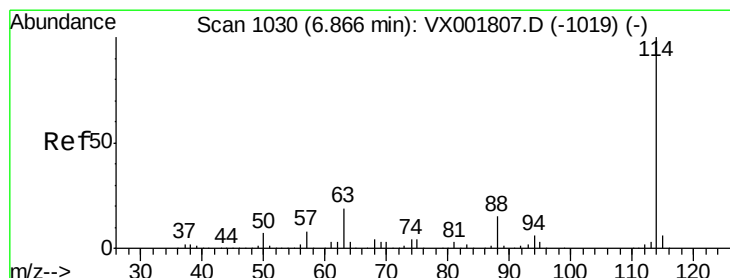
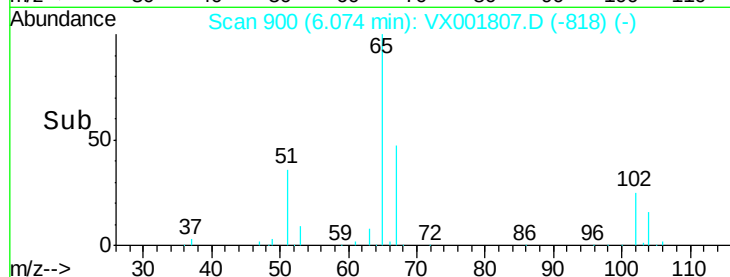
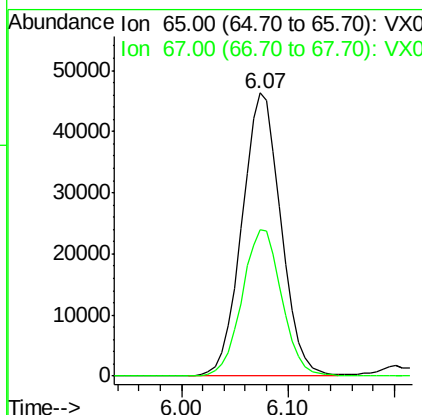
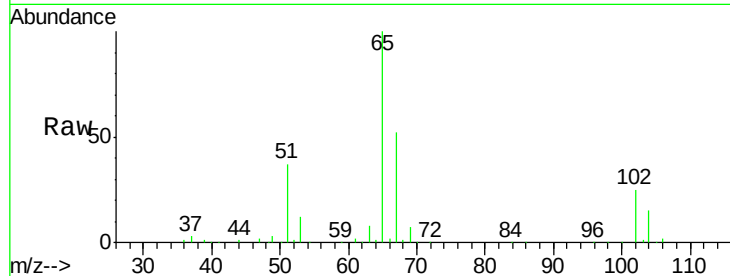




#27
 1,2-Dichloroethane-d4
 Concen: 27.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

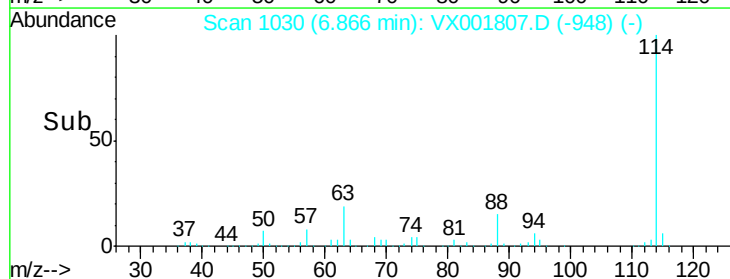
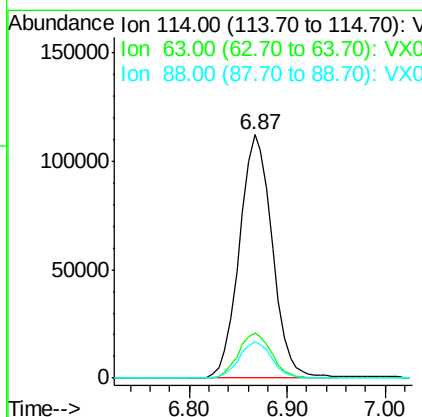
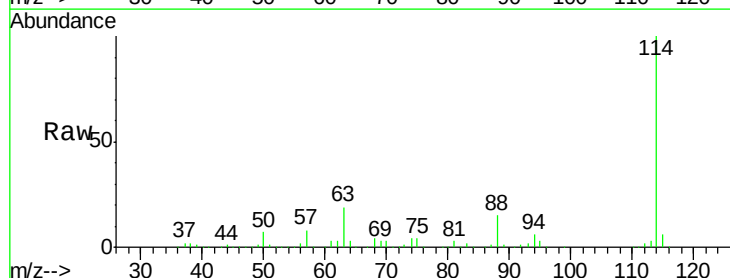
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

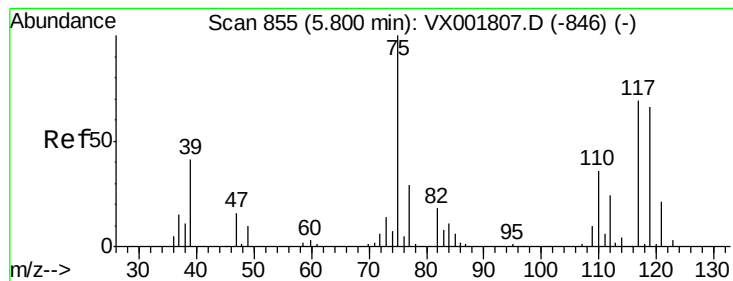
Tgt Ion: 65 Resp: 119045
 Ion Ratio Lower Upper
 65 100
 67 52.6 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 114 Resp: 262368
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.9 22.3
 88 14.8 11.8 17.8





#29

1,1-Dichloropropene

Concen: 18.62 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

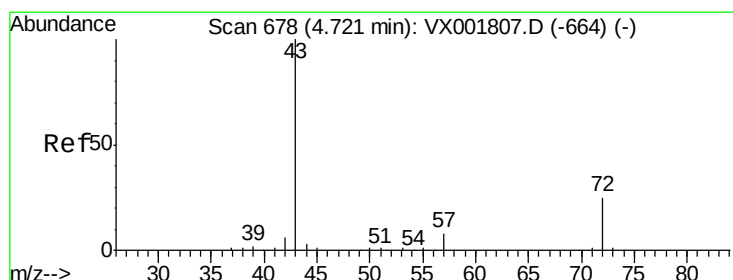
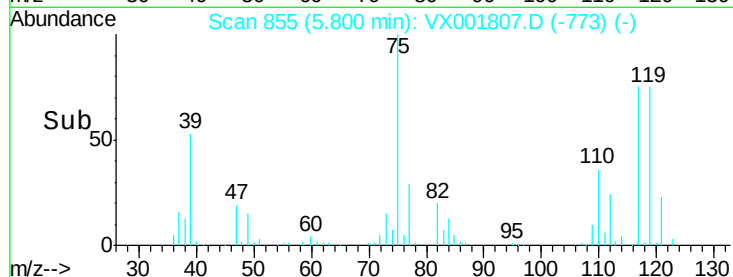
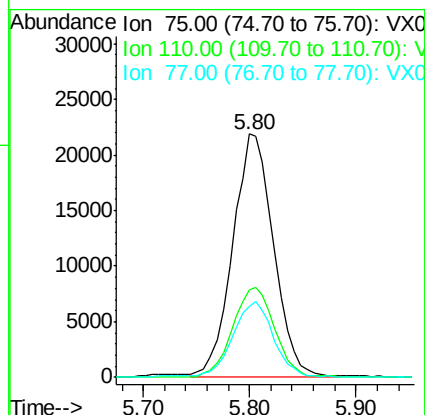
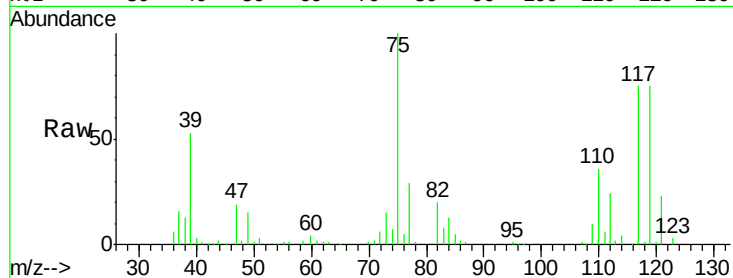
Tgt Ion: 75 Resp: 59016

Ion Ratio Lower Upper

75 100

110 37.6 0.0 75.2

77 30.8 0.0 61.6



#30

2-Butanone

Concen: 120.06 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

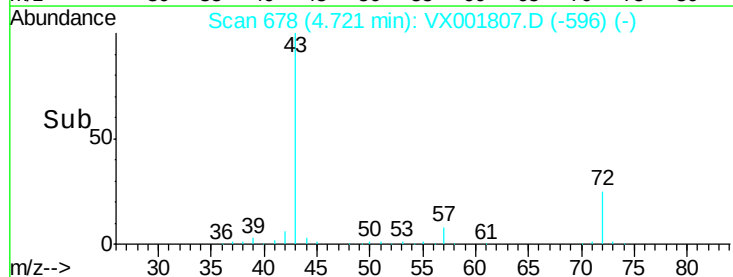
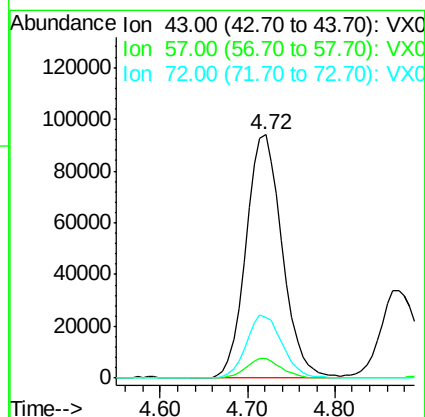
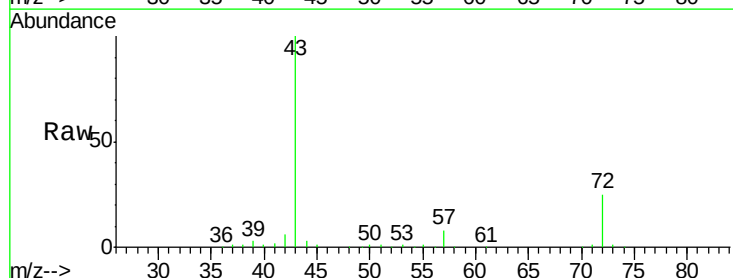
Tgt Ion: 43 Resp: 269408

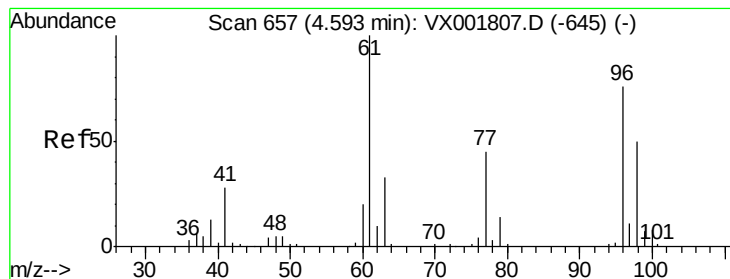
Ion Ratio Lower Upper

43 100

57 8.0 6.4 9.6

72 25.7 20.6 30.8





#31

2,2-Dichloropropane

Concen: 14.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

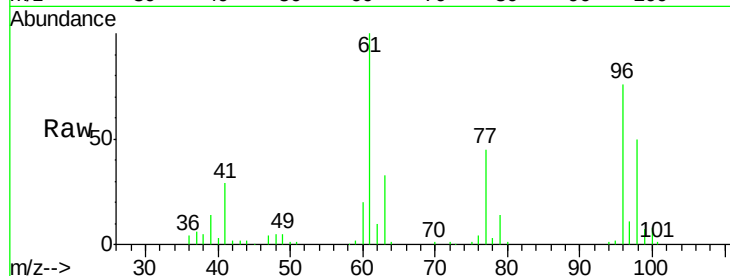
VSTDICCC020

Tgt Ion: 77 Resp: 36309

Ion Ratio Lower Upper

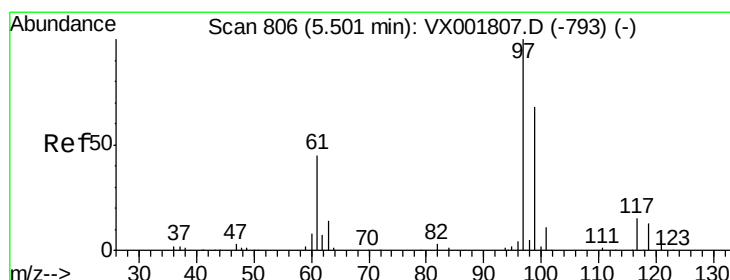
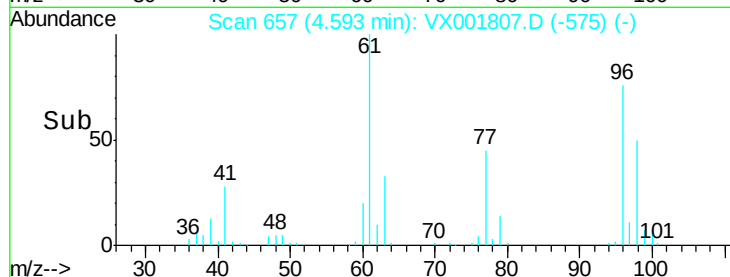
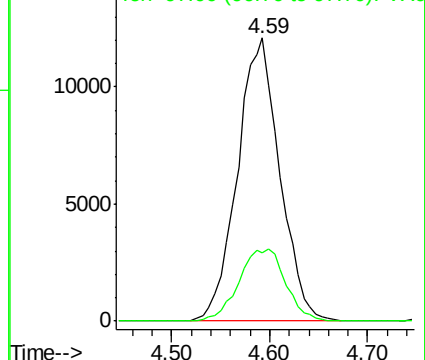
77 100

97 27.9 22.3 33.5



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.24 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

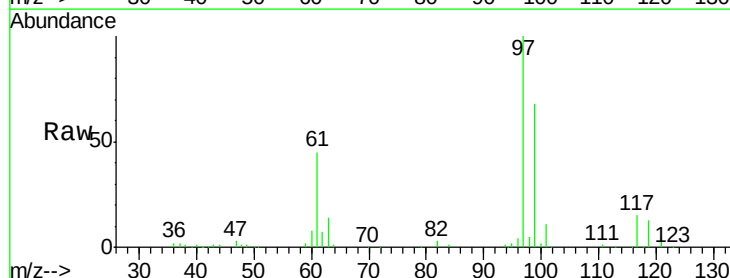
Tgt Ion: 97 Resp: 77998

Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

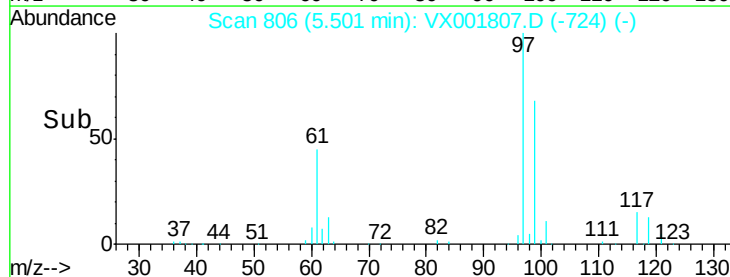
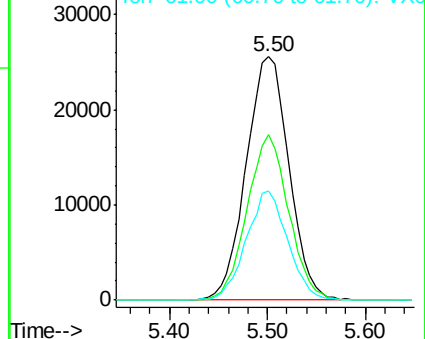
61 43.2 34.6 51.8

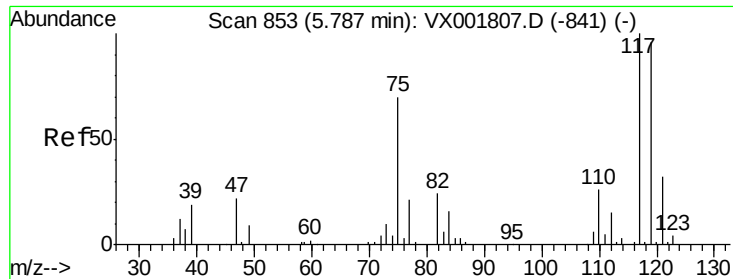


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

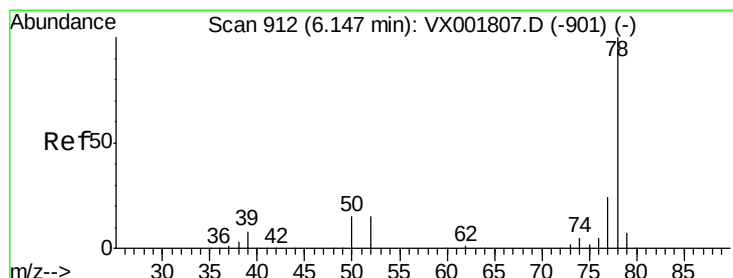
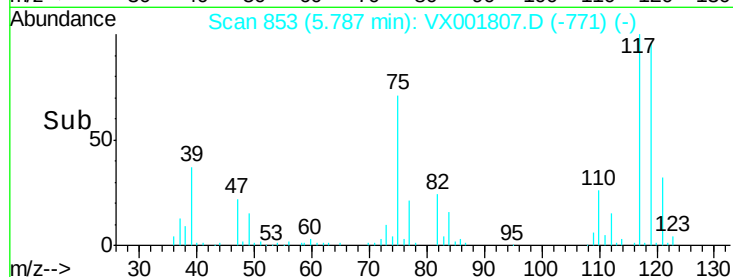
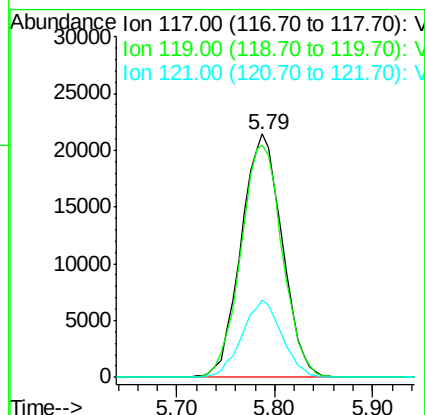
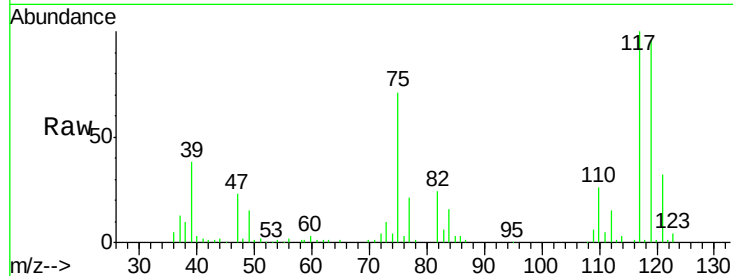




#33
Carbon Tetrachloride
Concen: 17.74 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

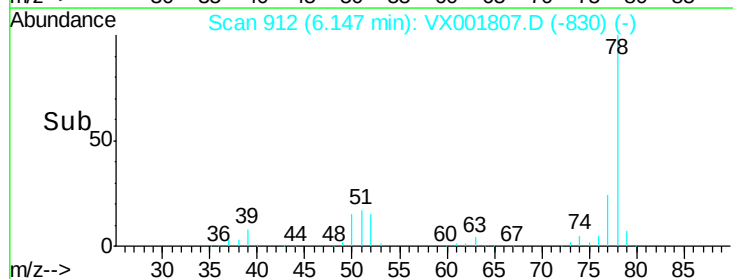
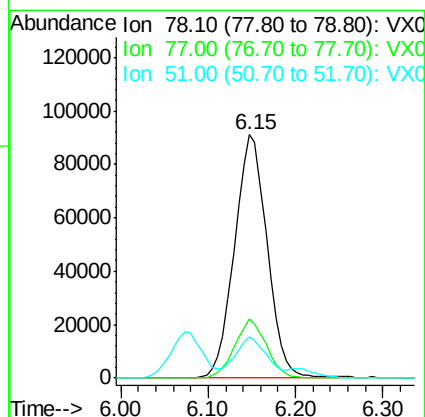
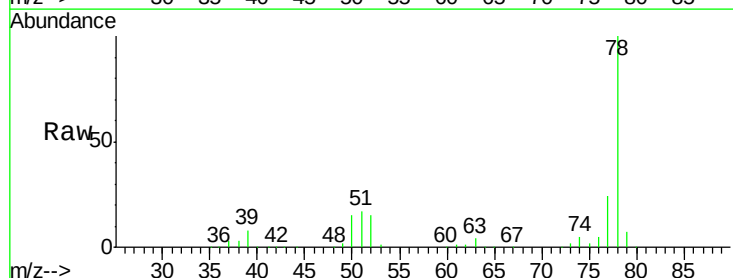
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

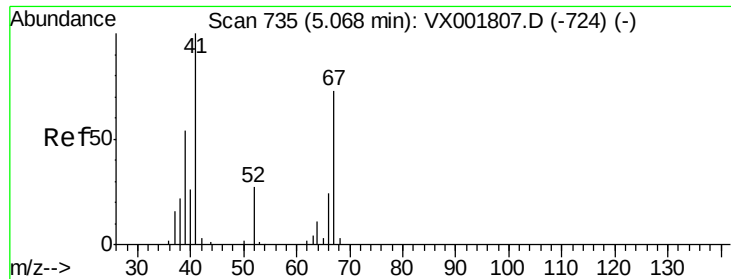
Tgt Ion:117 Resp: 62369
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 31.6 25.3 37.9



#34
Benzene
Concen: 22.32 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion: 78 Resp: 237141
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0
51 16.5 13.2 19.8

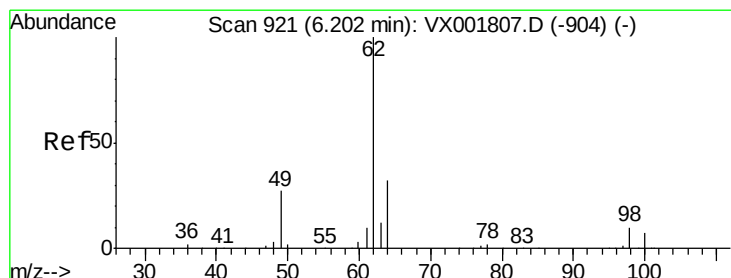
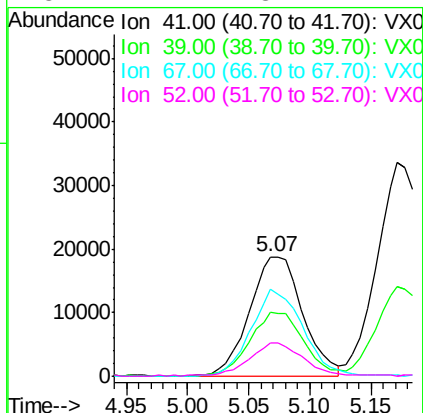
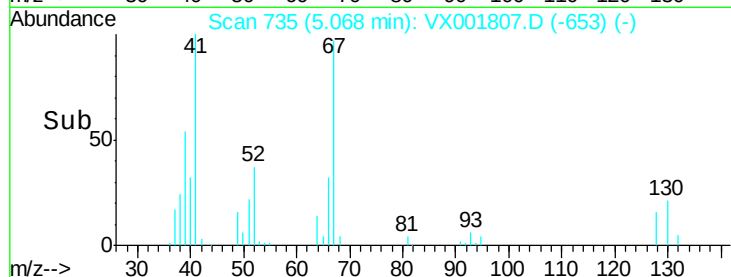
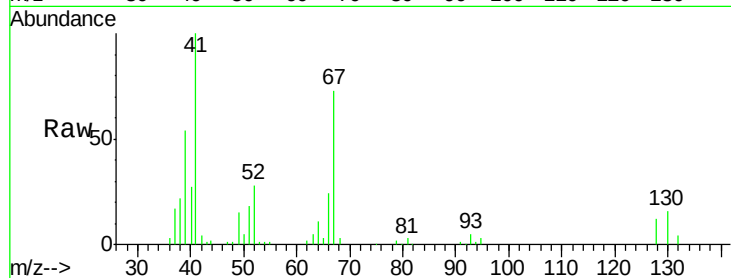




#35
Methacrylonitrile
Concen: 23.48 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

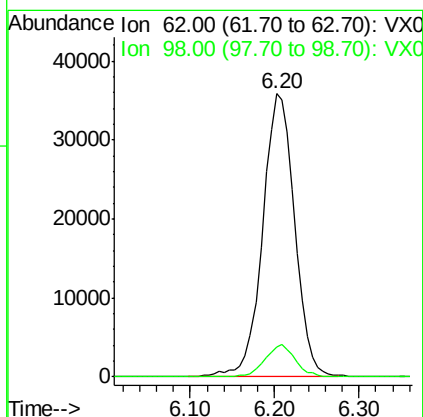
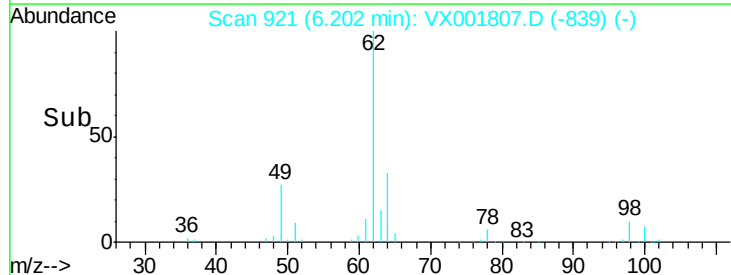
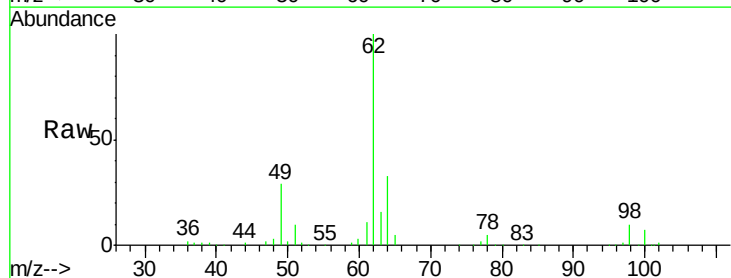
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

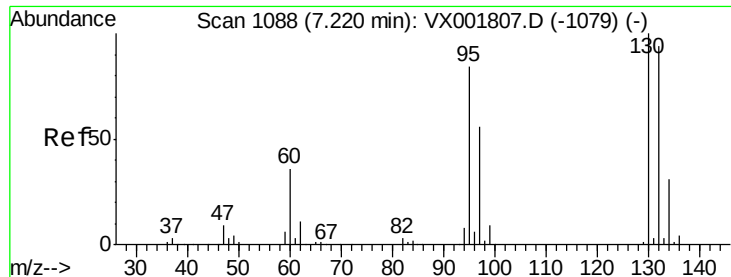
Tgt Ion:	41	Resp:	56896
Ion	Ratio	Lower	Upper
41	100		
39	53.7	26.9	80.6
67	73.5	36.8	110.3
52	27.4	13.7	41.1



#36
1,2-Dichloroethane
Concen: 22.49 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion:	62	Resp:	94380
Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.6	12.8

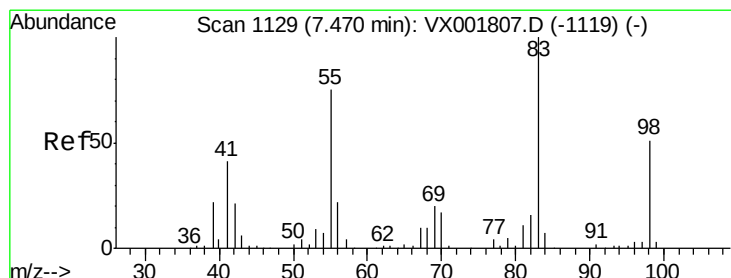
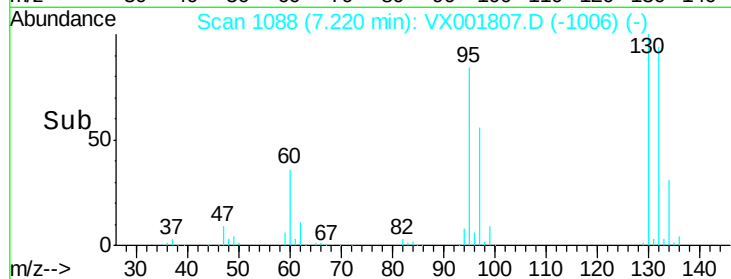
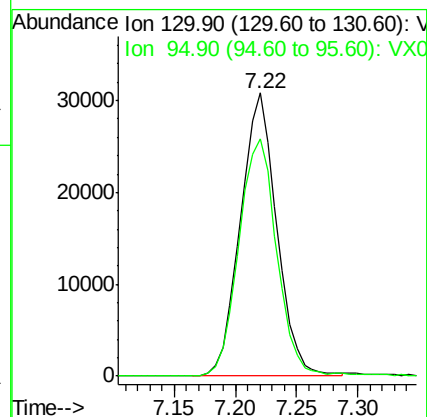
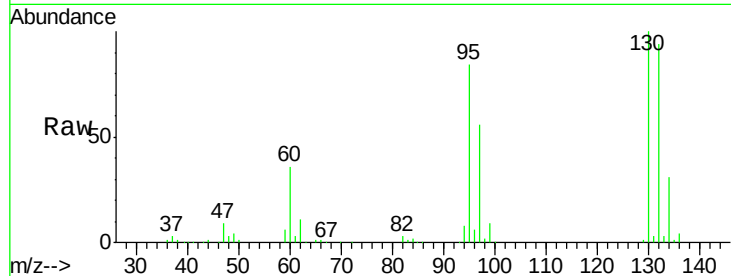




#37
 Trichloroethene
 Concen: 20.77 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

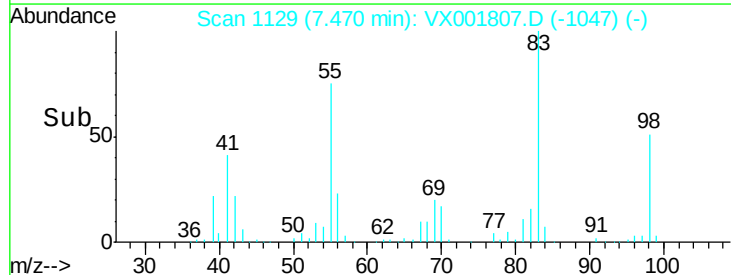
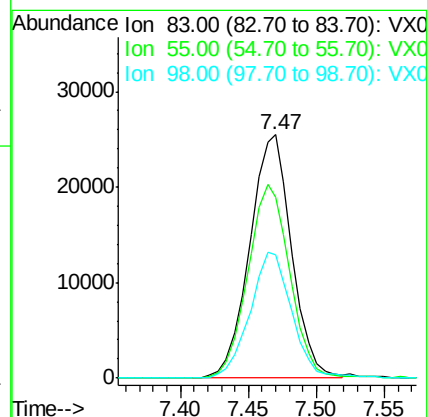
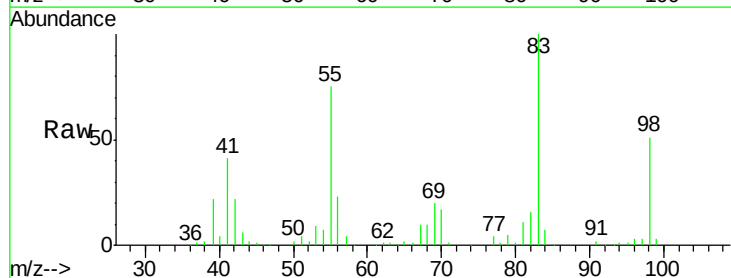
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

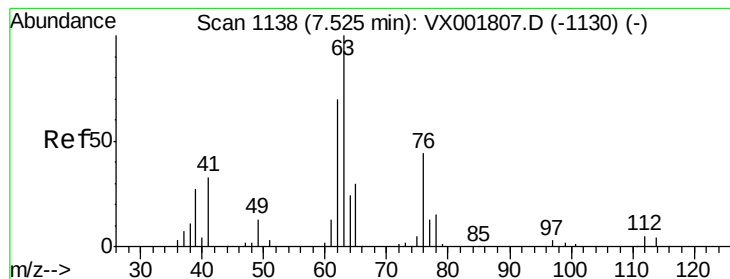
Tgt Ion:130 Resp: 63670
 Ion Ratio Lower Upper
 130 100
 95 83.9 67.1 100.7



#38
 Methylcyclohexane
 Concen: 16.60 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 83 Resp: 54887
 Ion Ratio Lower Upper
 83 100
 55 79.9 40.0 119.9
 98 51.6 25.8 77.4





#39

1,2-Dichloropropane

Concen: 23.13 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

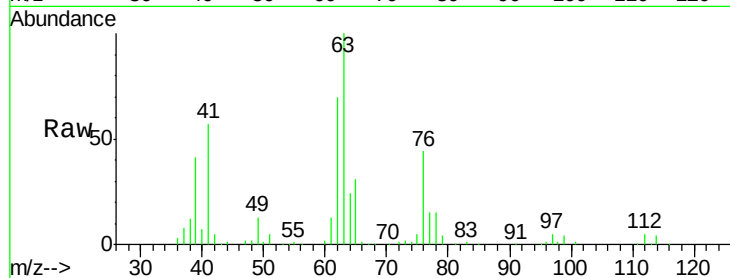
VSTDICCC020

Tgt Ion: 63 Resp: 62418

Ion Ratio Lower Upper

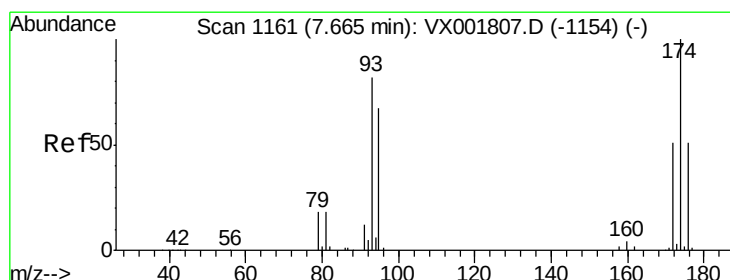
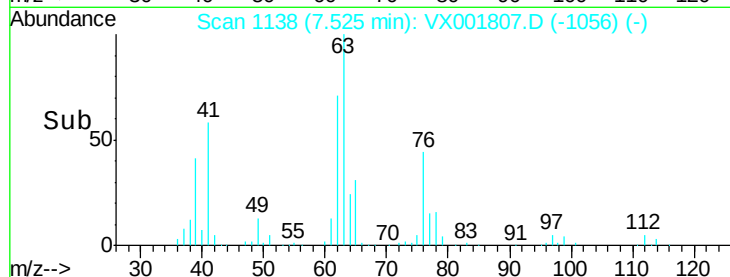
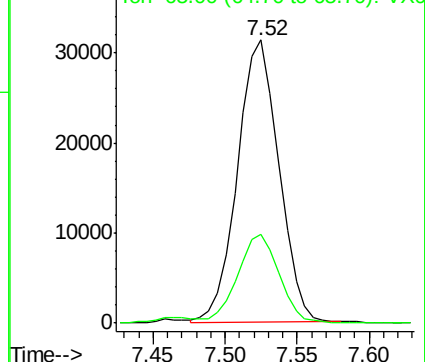
63 100

65 31.2 25.0 37.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 23.42 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

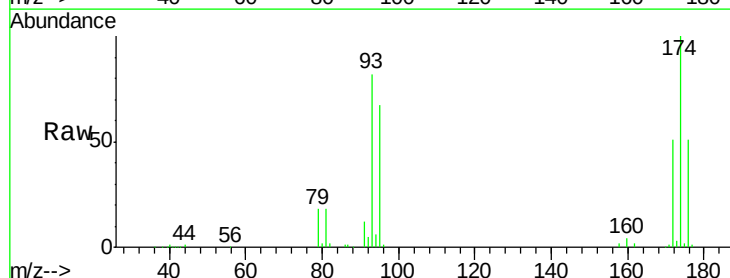
Tgt Ion: 93 Resp: 45313

Ion Ratio Lower Upper

93 100

95 83.7 0.0 167.4

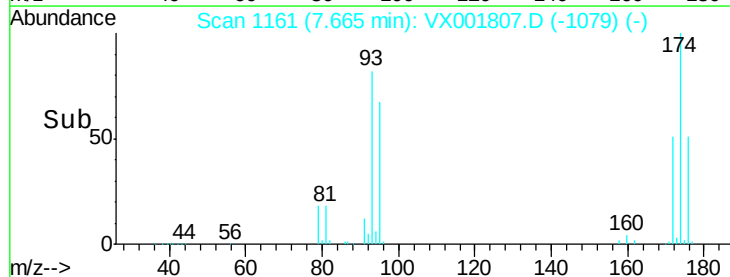
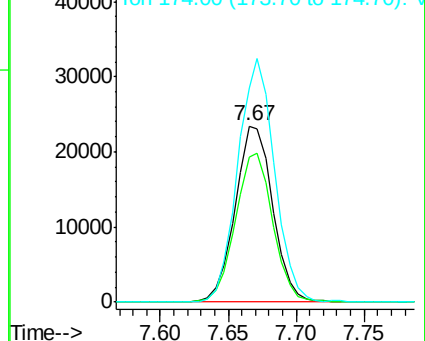
174 134.8 0.0 269.6

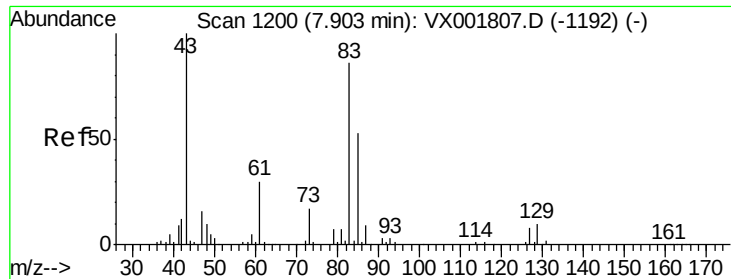


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 22.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

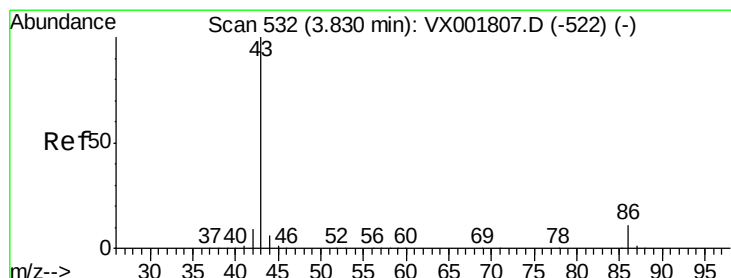
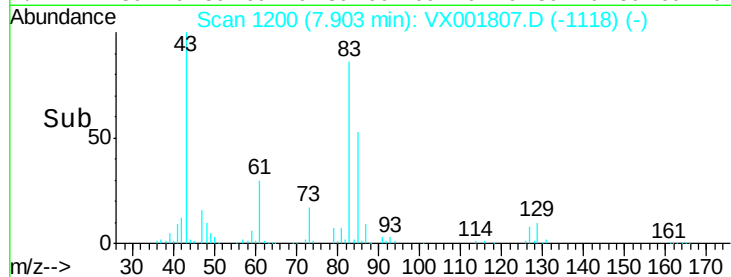
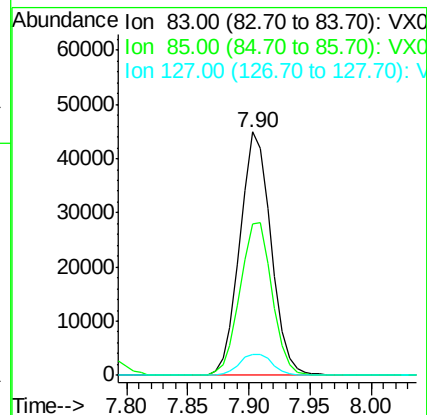
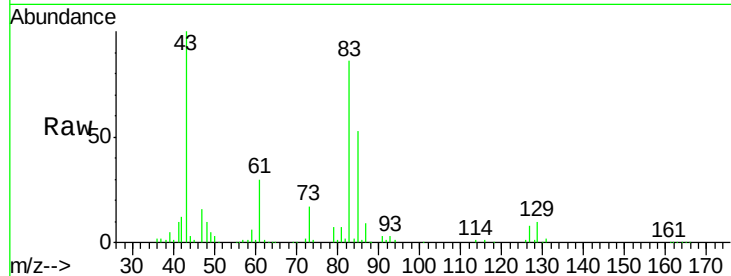
Tgt Ion: 83 Resp: 79441

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4

127 8.8 7.0 10.6



#42

Vinyl Acetate

Concen: 98.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001807.D

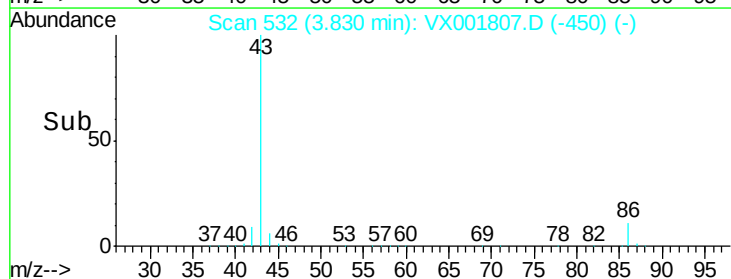
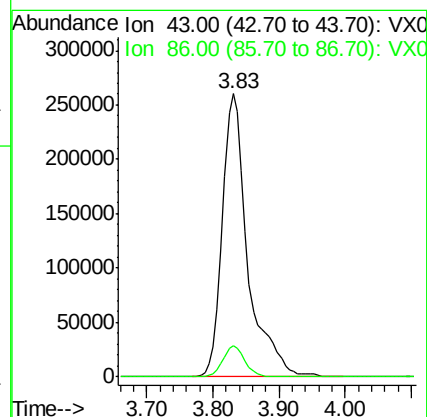
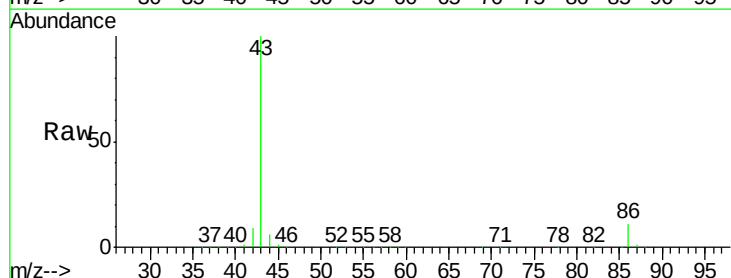
Acq: 18 May 2018 04:41

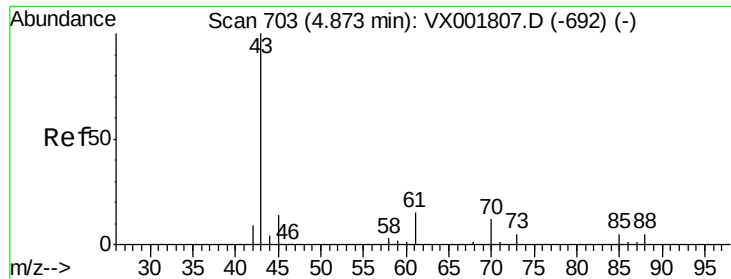
Tgt Ion: 43 Resp: 694233

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3





#43

Ethyl Acetate

Concen: 23.82 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

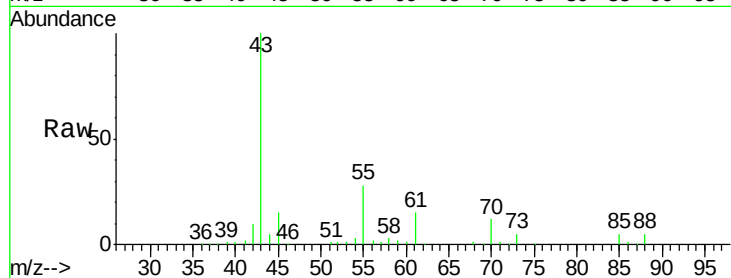
VSTDICCC020

Tgt Ion: 43 Resp: 101791

Ion Ratio Lower Upper

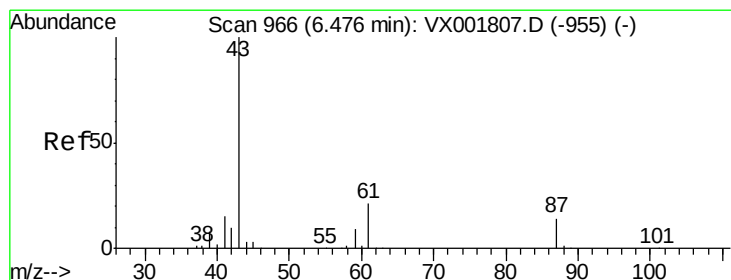
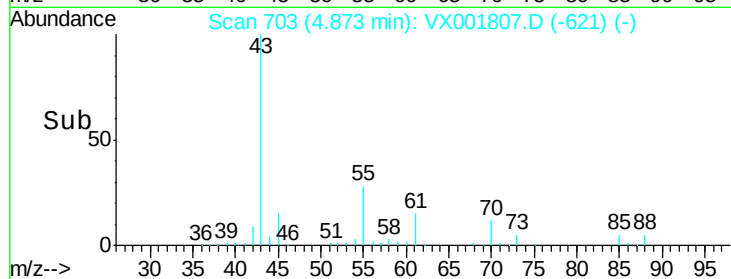
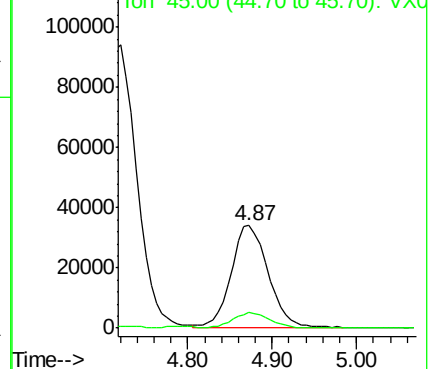
43 100

45 14.7 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 22.77 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001807.D

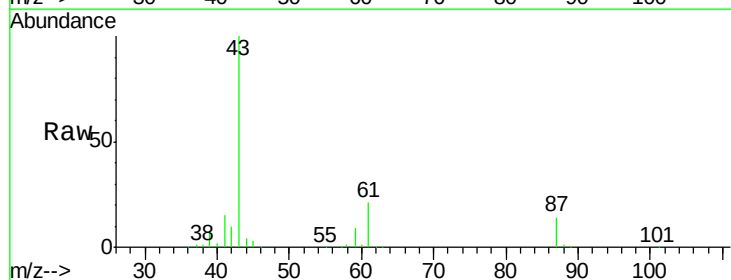
Acq: 18 May 2018 04:41

Tgt Ion: 43 Resp: 148223

Ion Ratio Lower Upper

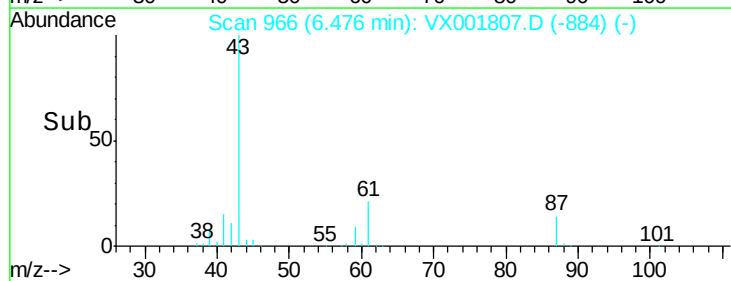
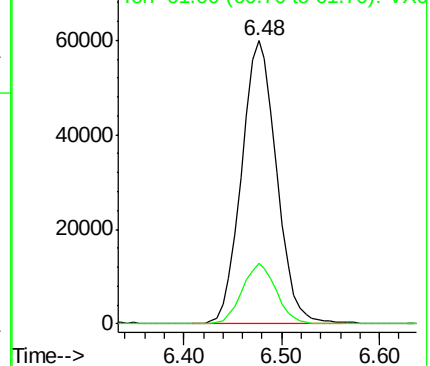
43 100

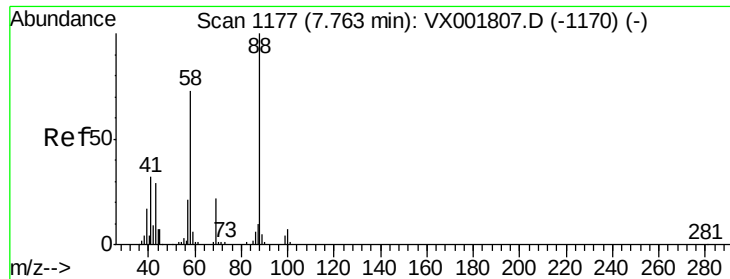
61 20.7 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

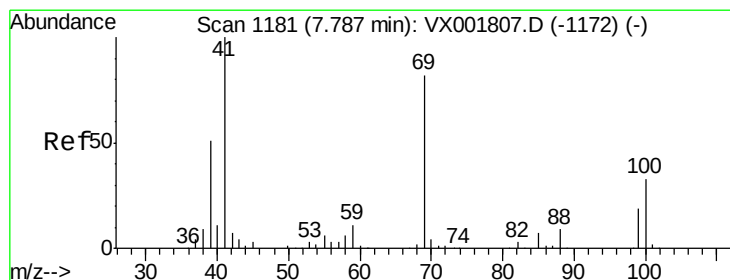
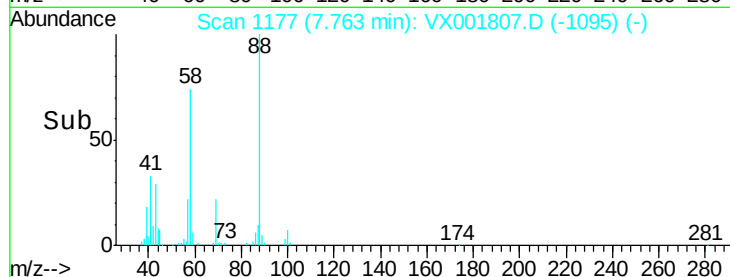
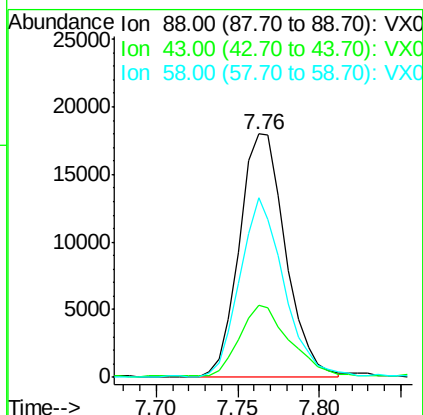
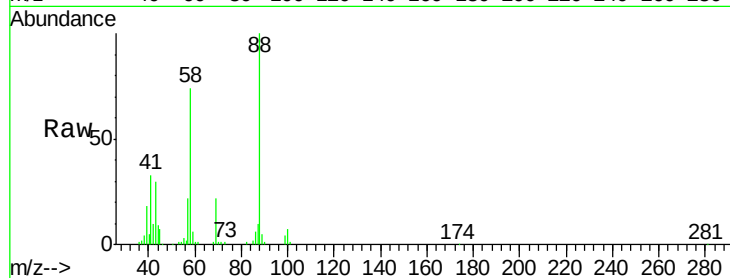




#45
 1,4-Dioxane
 Concen: 463.18 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

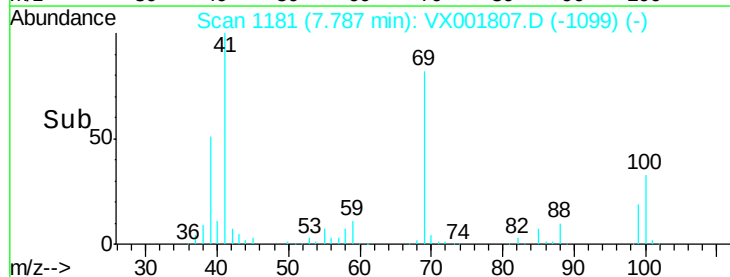
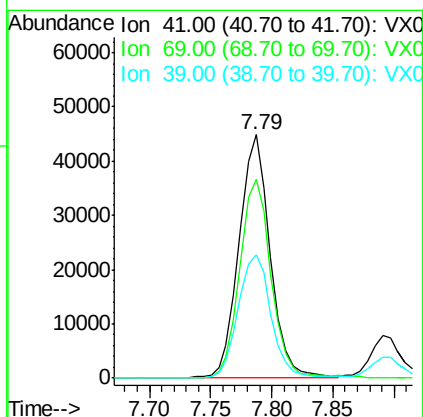
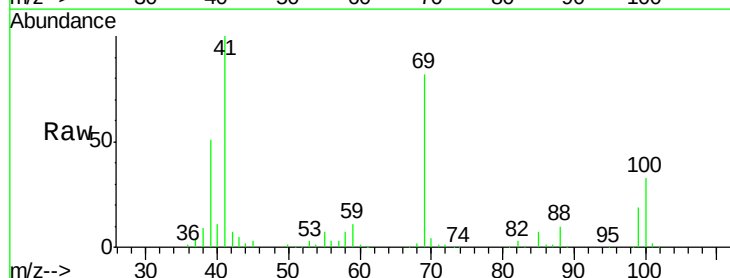
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

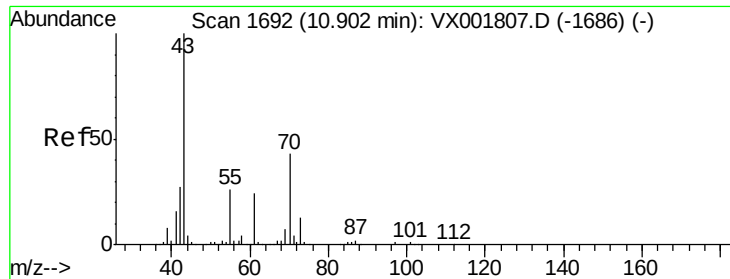
Tgt Ion: 88 Resp: 35369
 Ion Ratio Lower Upper
 88 100
 43 31.3 25.0 37.6
 58 71.1 56.9 85.3



#46
 Methyl methacrylate
 Concen: 22.54 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 41 Resp: 78658
 Ion Ratio Lower Upper
 41 100
 69 81.8 40.9 122.7
 39 50.6 25.3 75.9





#47

n-amyI Acetate

Concen: 19.40 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

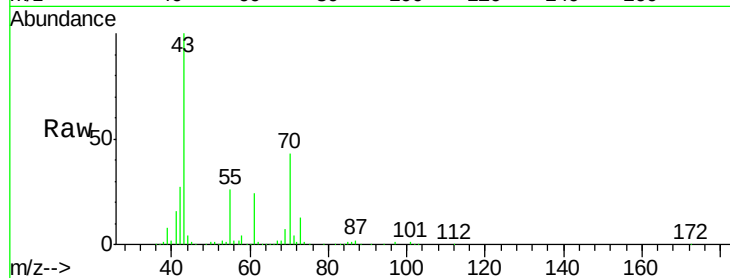
VSTDICCC020

Tgt Ion: 43 Resp: 103329

Ion Ratio Lower Upper

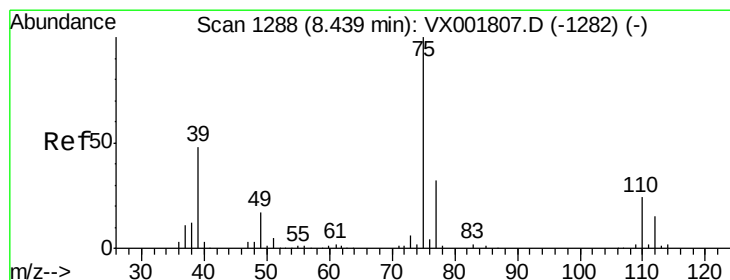
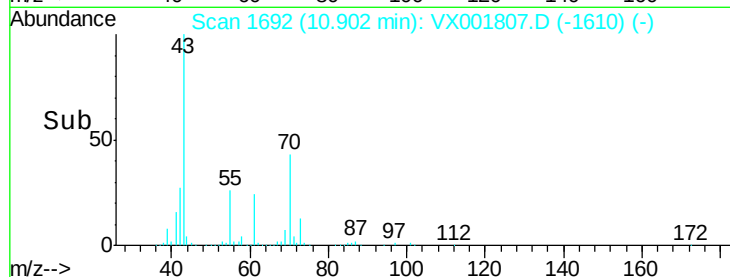
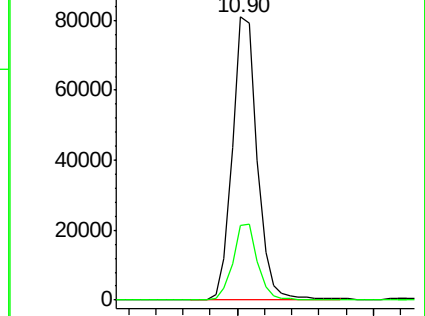
43 100

55 26.2 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 21.18 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001807.D

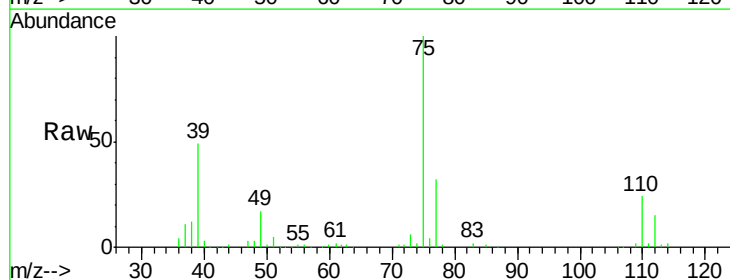
Acq: 18 May 2018 04:41

Tgt Ion: 75 Resp: 83498

Ion Ratio Lower Upper

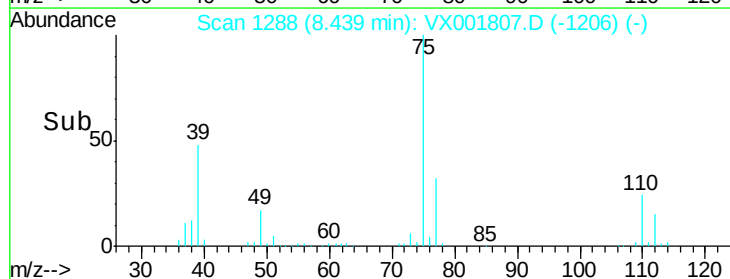
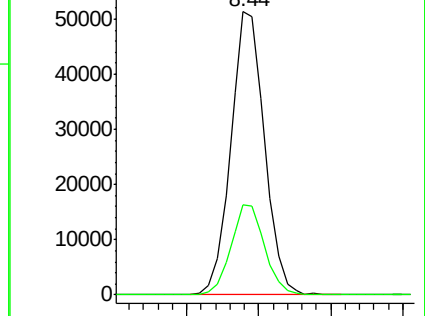
75 100

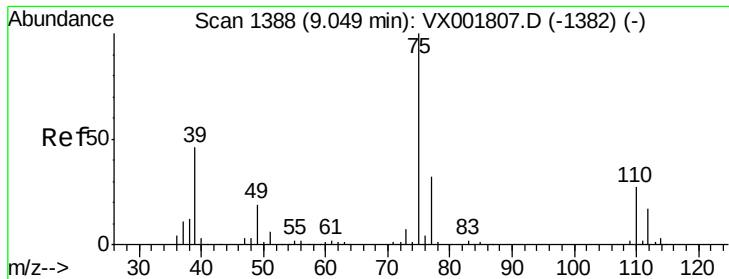
77 32.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

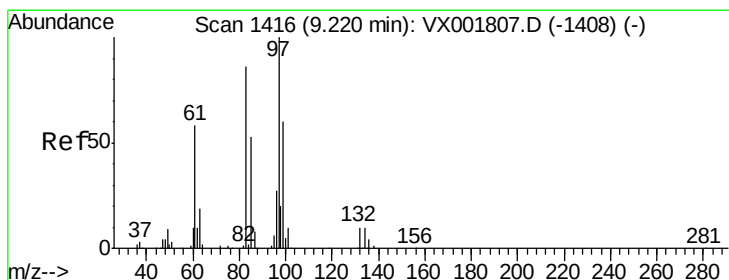
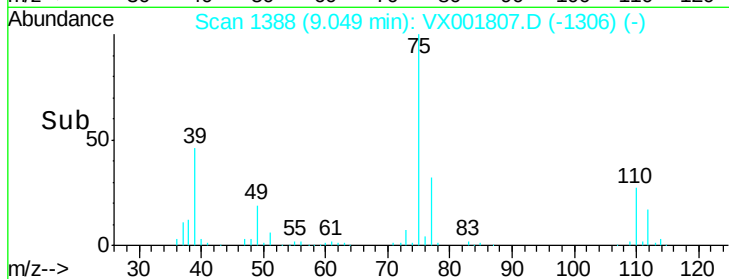
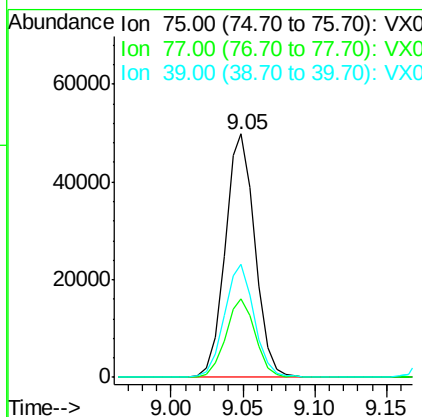
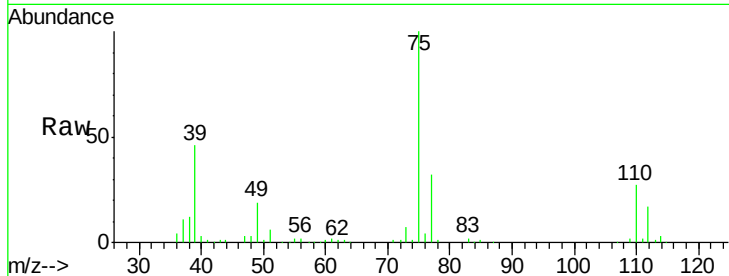




#49
 cis-1,3-Dichloropropene
 Concen: 20.74 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

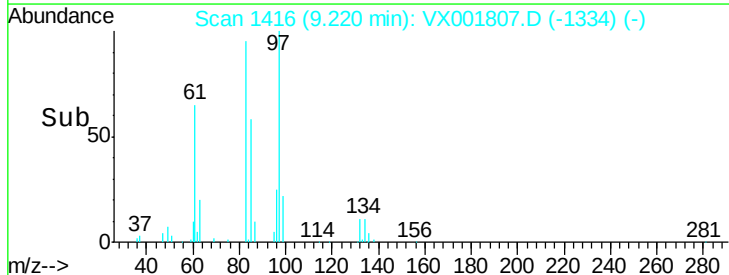
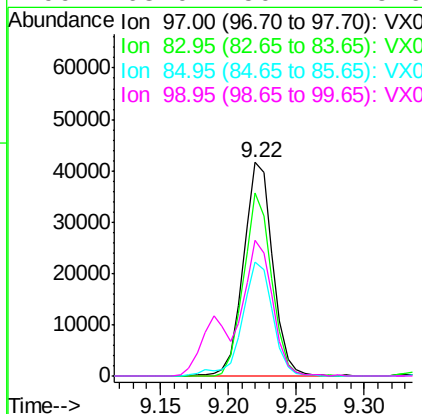
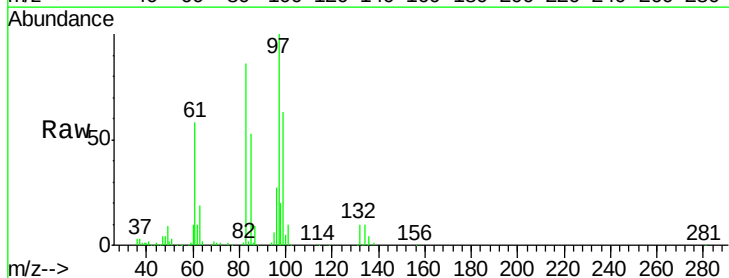
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

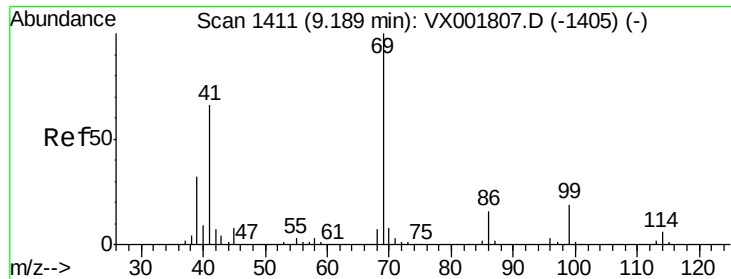
Tgt Ion: 75 Resp: 72168
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 46.2 37.0 55.4



#50
 1,1,2-Trichloroethane
 Concen: 22.23 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 97 Resp: 62454
 Ion Ratio Lower Upper
 97 100
 83 85.8 68.6 103.0
 85 53.1 42.5 63.7
 99 63.0 50.4 75.6





#51

Ethyl methacrylate

Concen: 20.61 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

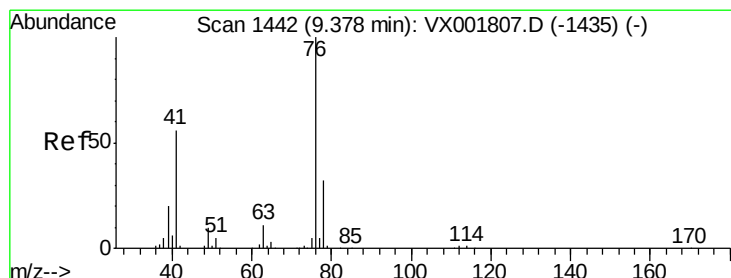
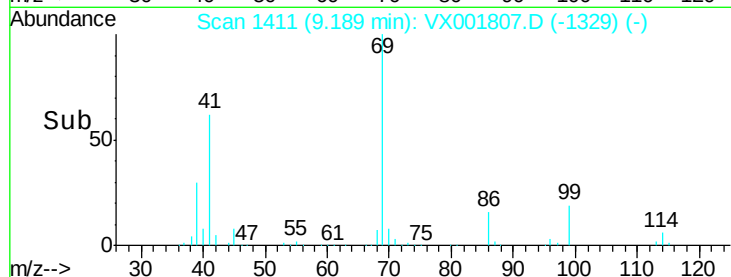
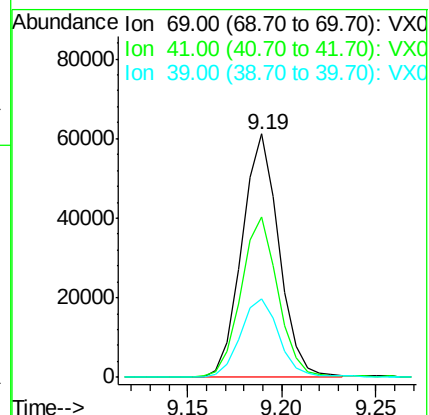
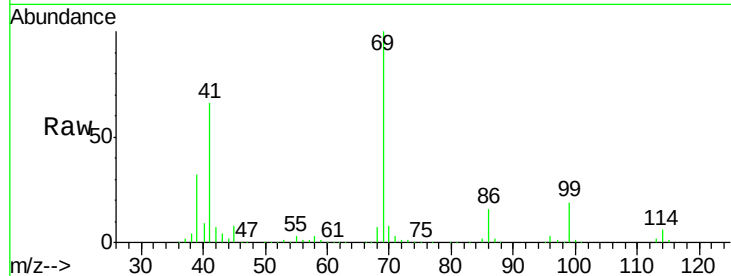
Tgt Ion: 69 Resp: 83248

Ion Ratio Lower Upper

69 100

41 65.8 32.9 98.7

39 32.1 16.1 48.2



#52

1,3-Dichloropropane

Concen: 21.58 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001807.D

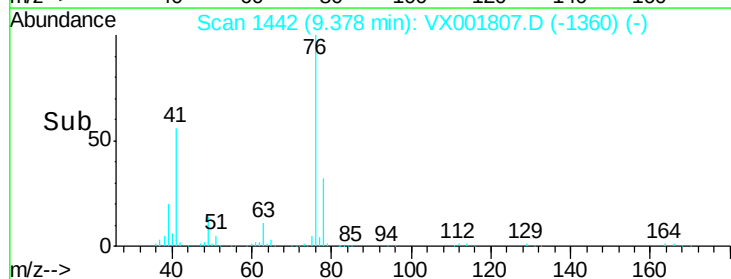
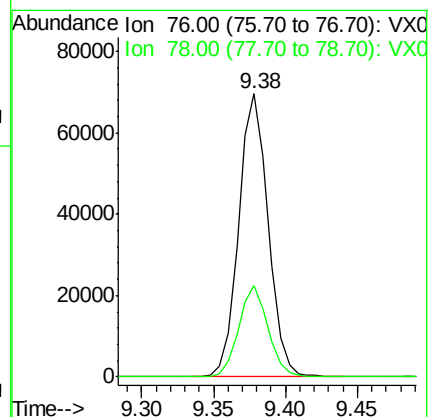
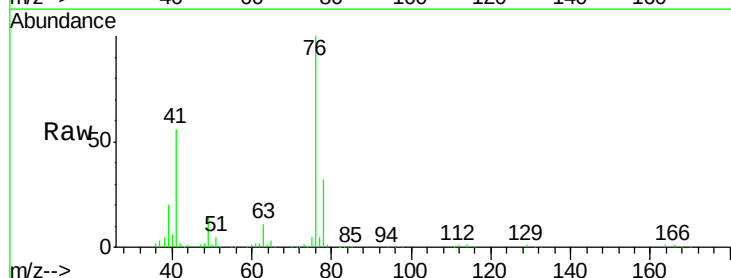
Acq: 18 May 2018 04:41

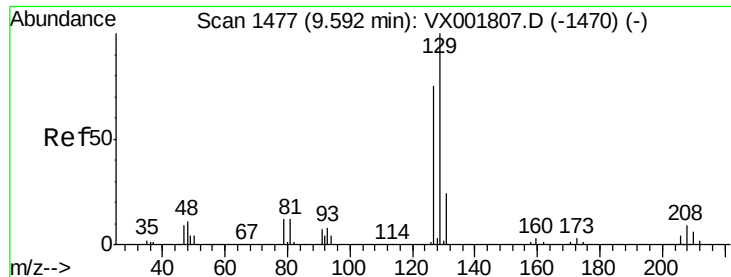
Tgt Ion: 76 Resp: 99404

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.6





#53

Dibromochloromethane

Concen: 20.61 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

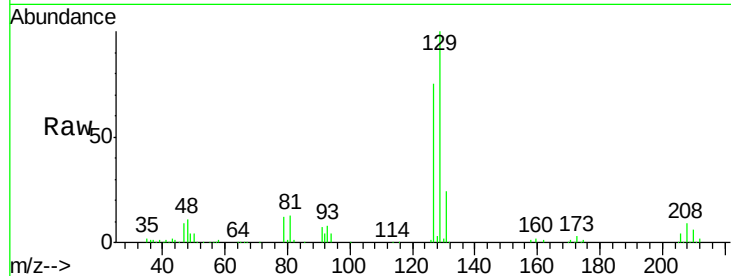
VSTDICCC020

Tgt Ion:129 Resp: 59751

Ion Ratio Lower Upper

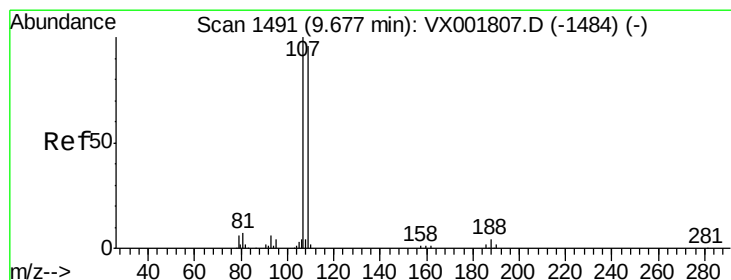
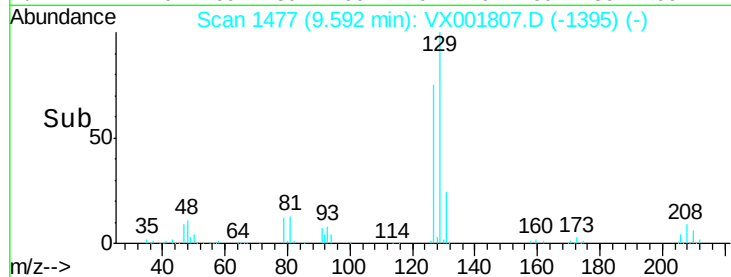
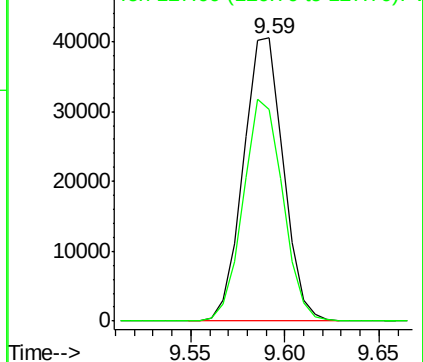
129 100

127 77.4 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001807.D

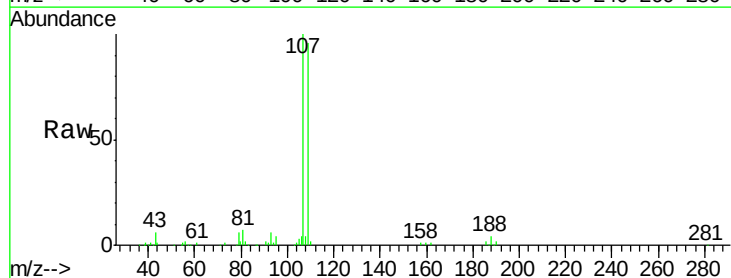
Acq: 18 May 2018 04:41

Tgt Ion:107 Resp: 63447

Ion Ratio Lower Upper

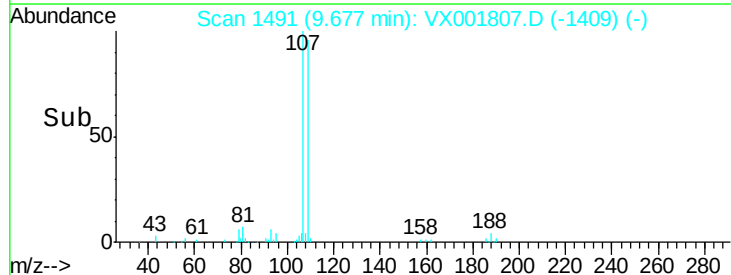
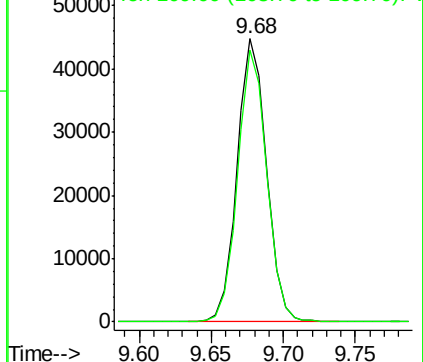
107 100

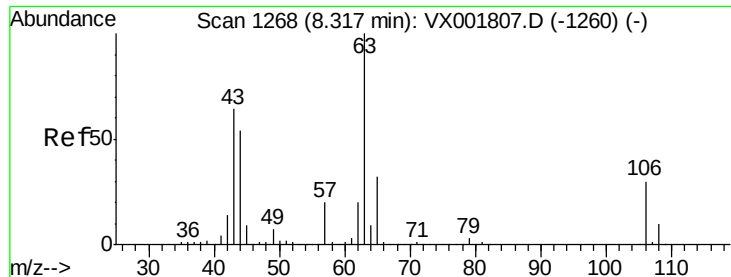
109 95.4 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

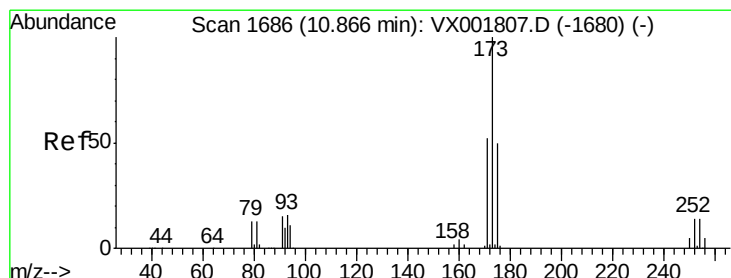
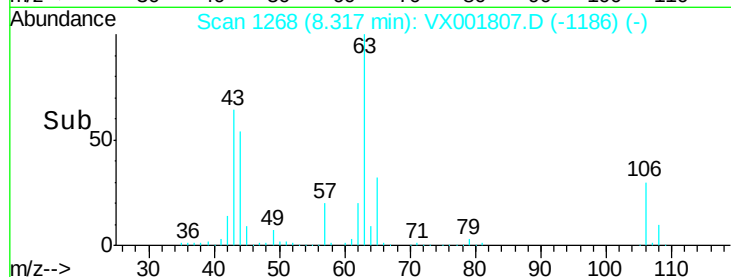
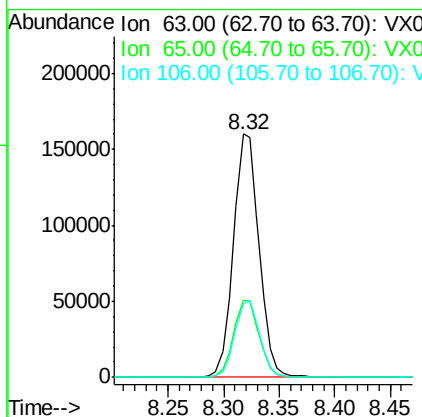
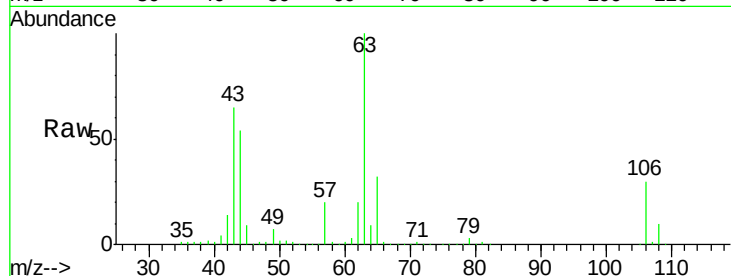




#55
 2-Chloroethyl vinyl ether
 Concen: 115.83 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

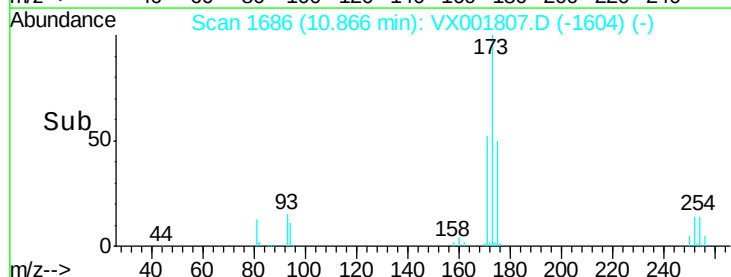
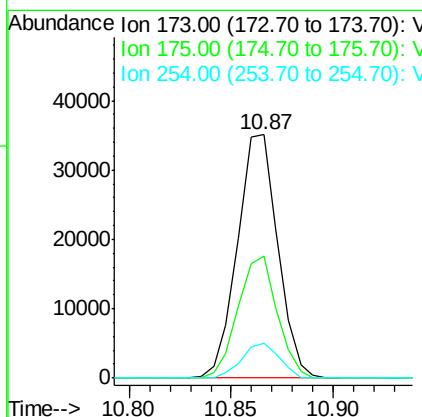
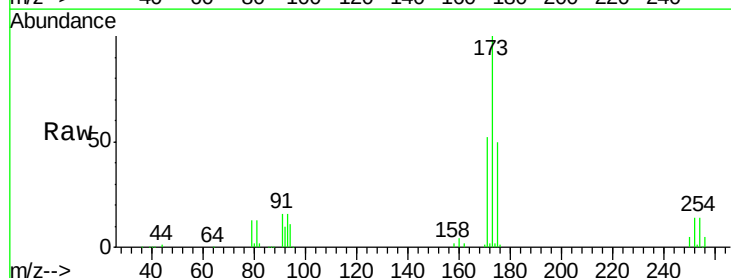
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

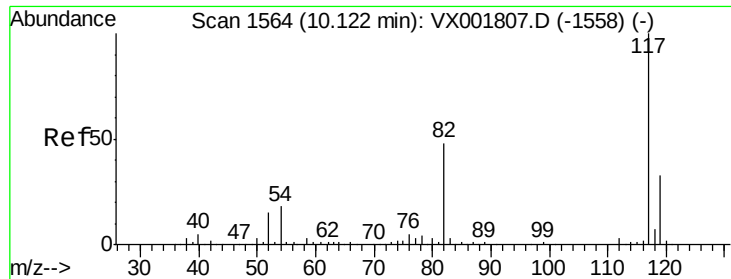
Tgt Ion: 63 Resp: 254387
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2
 106 31.1 24.9 37.3



#56
 Bromoform
 Concen: 20.24 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 173 Resp: 48317
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.8 58.2
 254 13.4 10.7 16.1

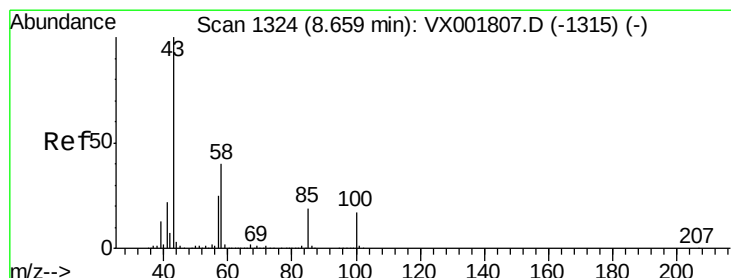
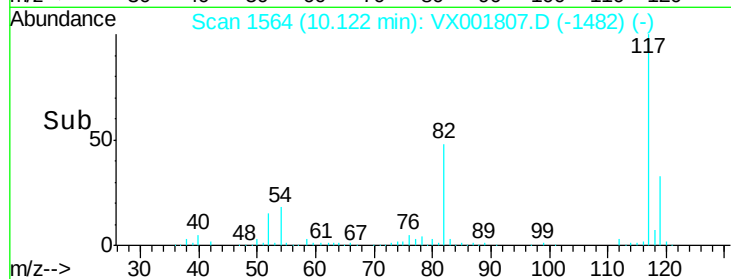
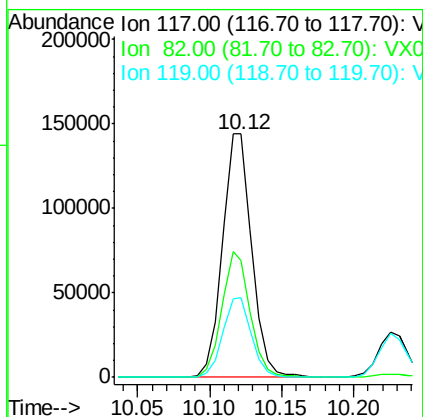
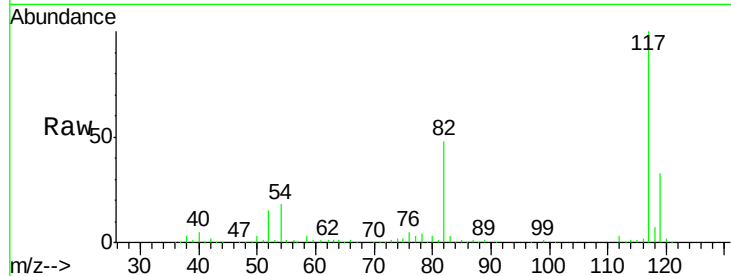




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

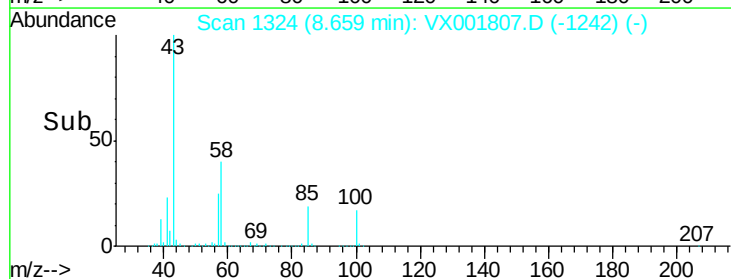
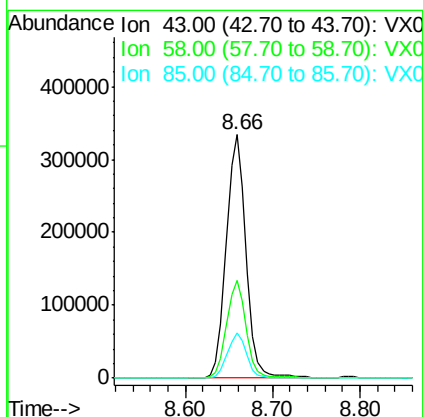
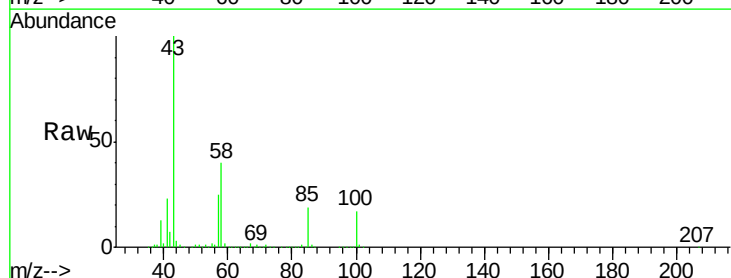
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

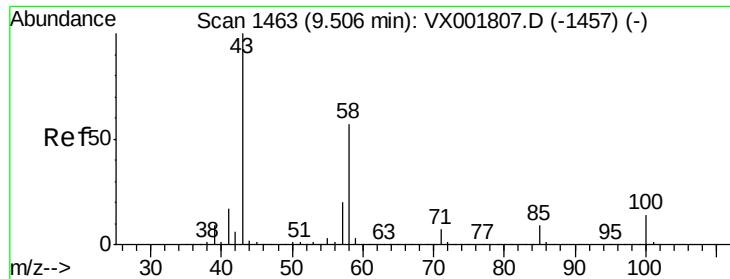
Tgt Ion: 117 Resp: 205400
Ion Ratio Lower Upper
117 100
82 50.1 40.1 60.1
119 32.5 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 132.43 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion: 43 Resp: 521755
Ion Ratio Lower Upper
43 100
58 39.1 31.3 46.9
85 18.1 14.5 21.7

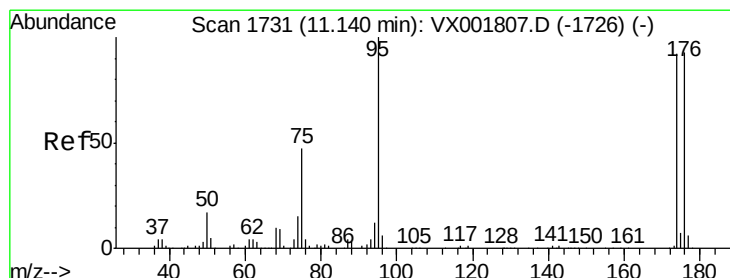
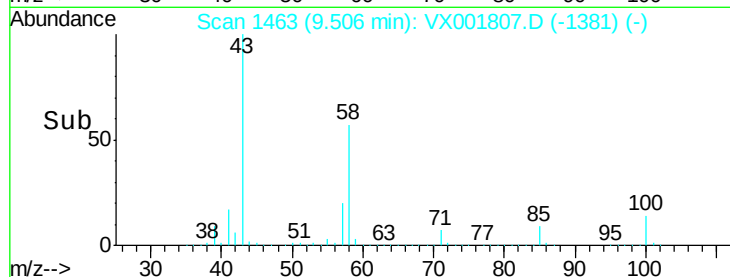
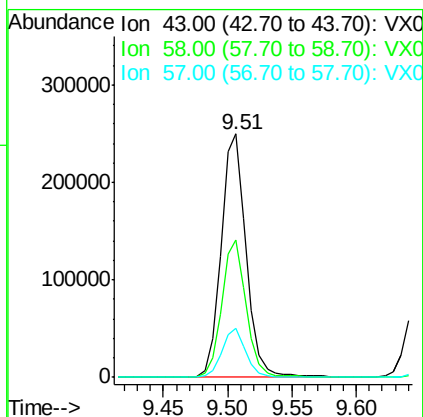
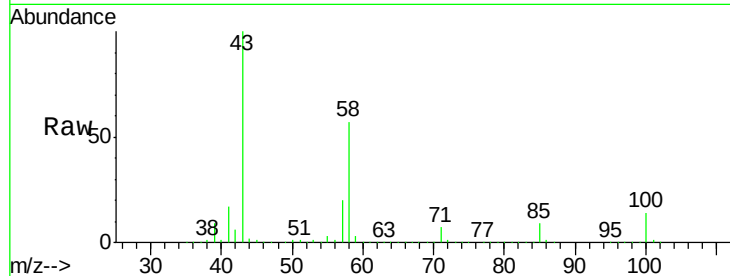




#59
2-Hexanone
Concen: 119.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

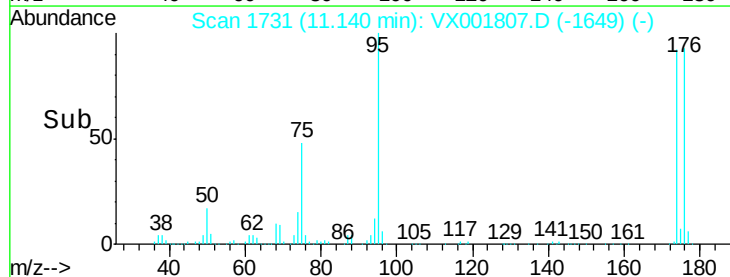
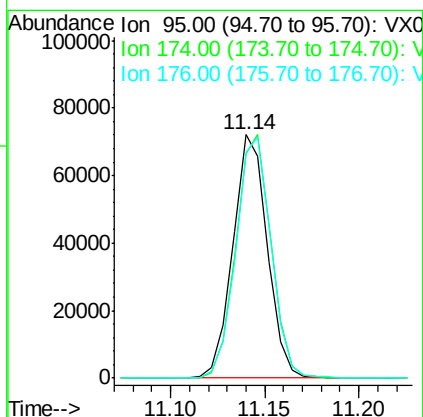
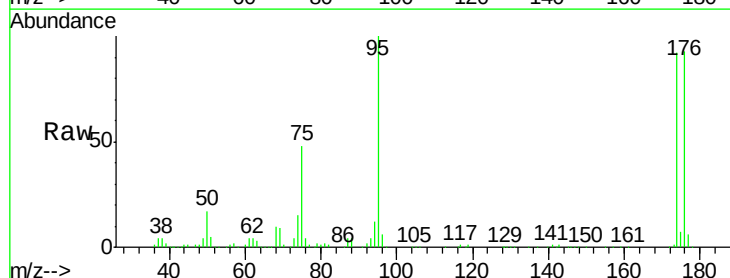
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

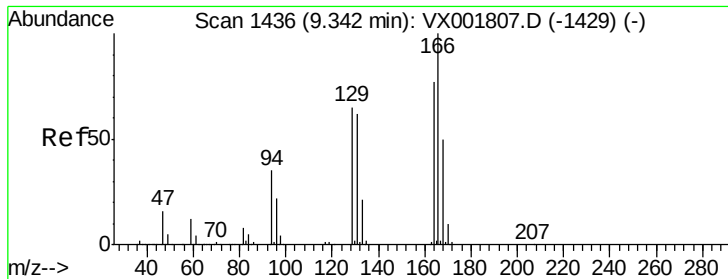
Tgt Ion: 43 Resp: 340502
Ion Ratio Lower Upper
43 100
58 55.7 44.6 66.8
57 19.4 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 28.45 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion: 95 Resp: 91193
Ion Ratio Lower Upper
95 100
174 102.5 82.0 123.0
176 100.7 80.6 120.8

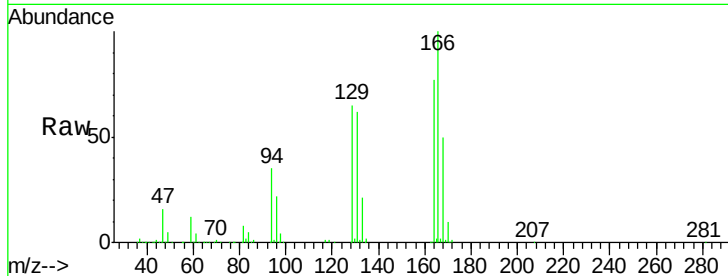




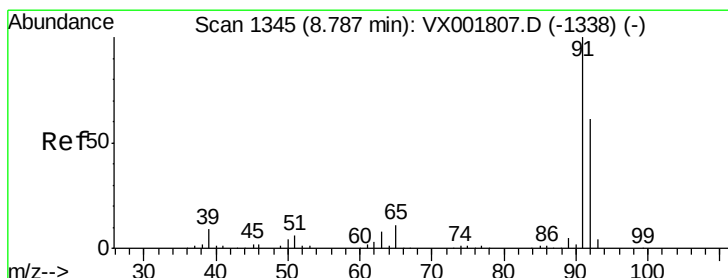
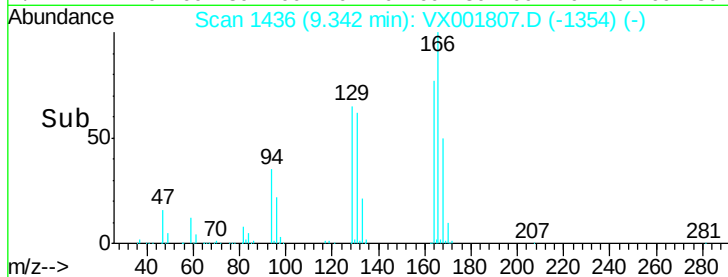
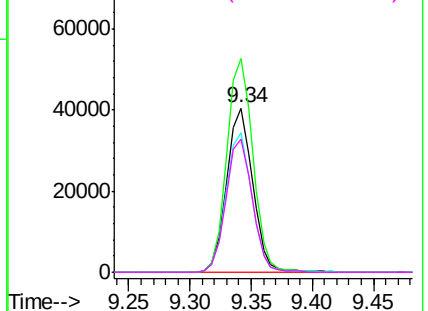
#61
Tetrachloroethene
Concen: 20.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:164 Resp: 59626
Ion Ratio Lower Upper
164 100
166 130.1 104.1 156.1
129 84.8 67.8 101.8
131 80.8 64.6 97.0

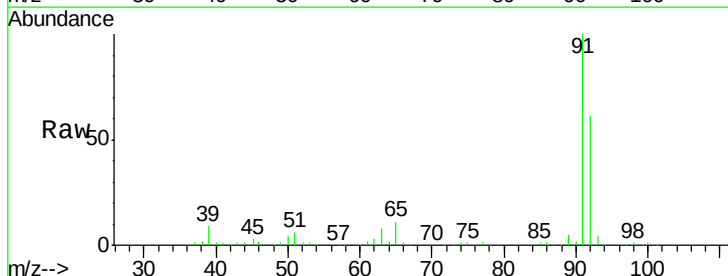


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

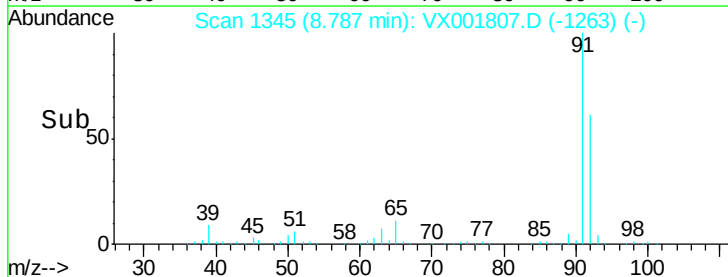
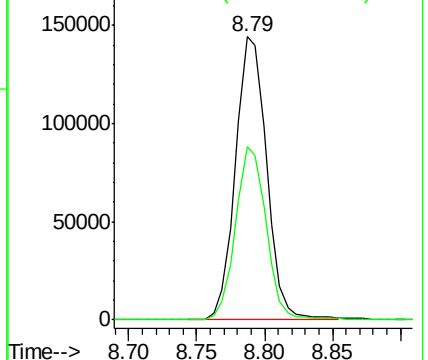


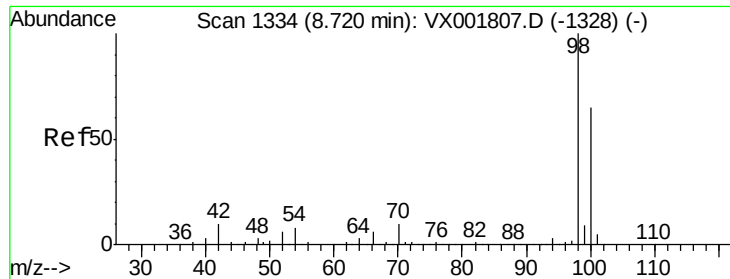
#62
Toluene
Concen: 22.99 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion: 91 Resp: 231115
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 33.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

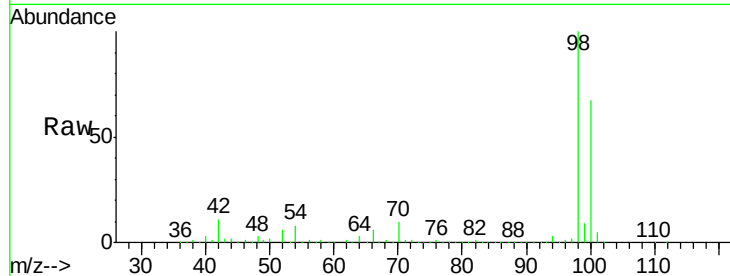
VSTDICCC020

Tgt Ion: 98 Resp: 312417

Ion Ratio Lower Upper

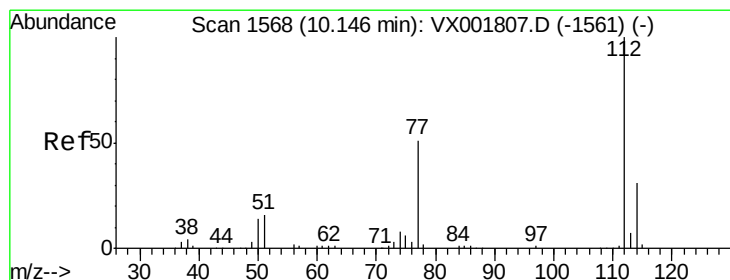
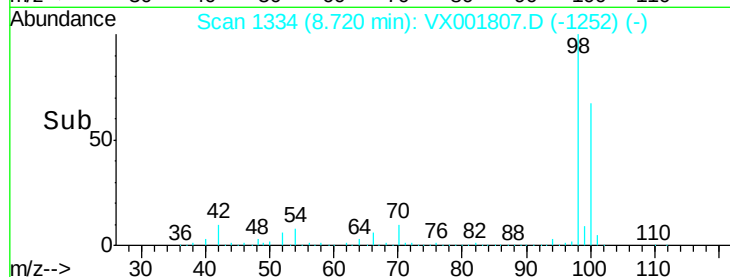
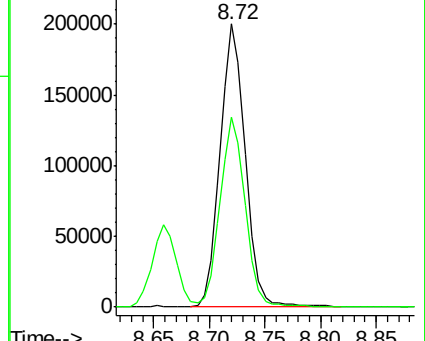
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 21.21 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001807.D

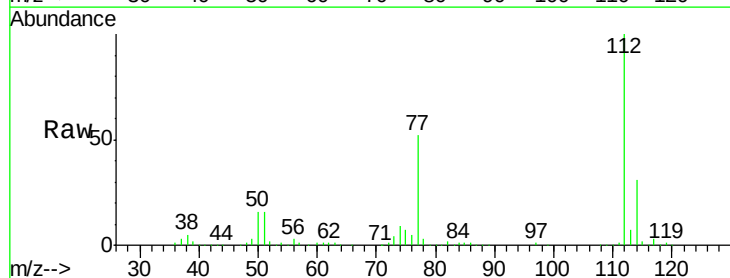
Acq: 18 May 2018 04:41

Tgt Ion: 112 Resp: 136574

Ion Ratio Lower Upper

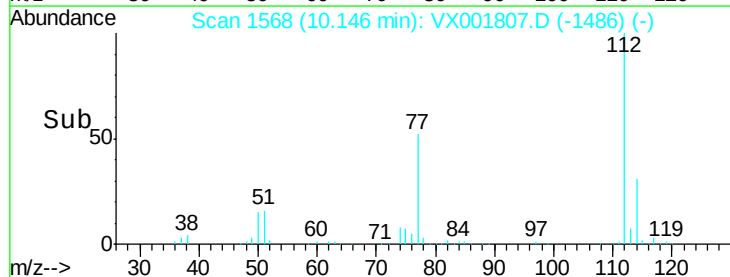
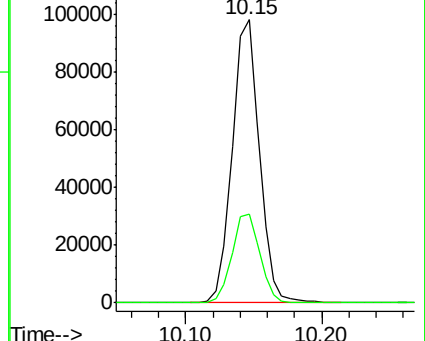
112 100

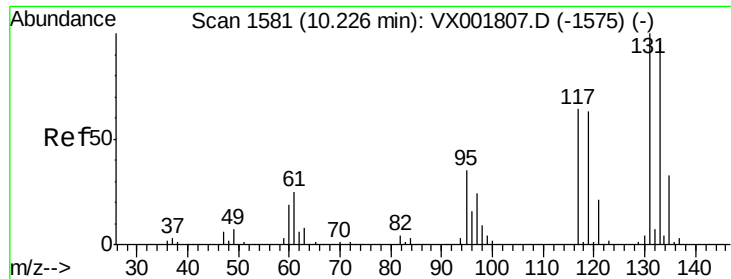
114 31.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

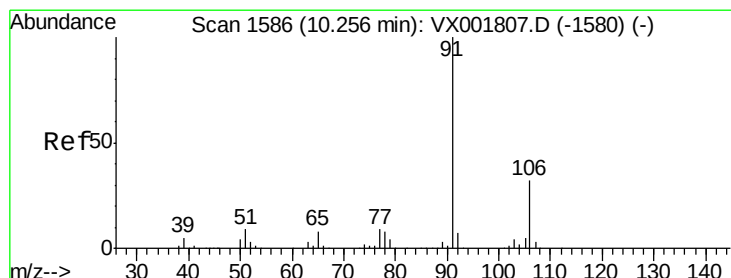
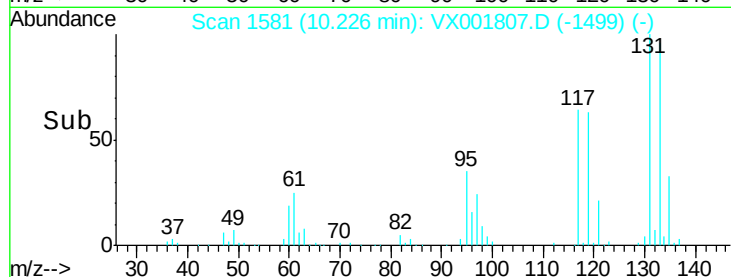
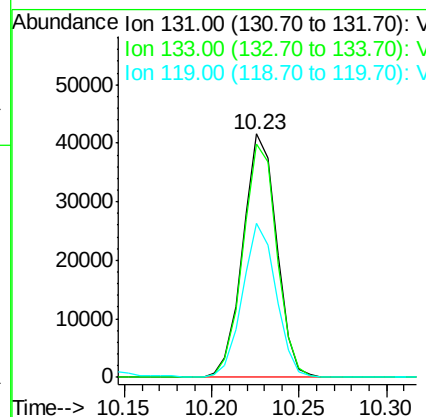
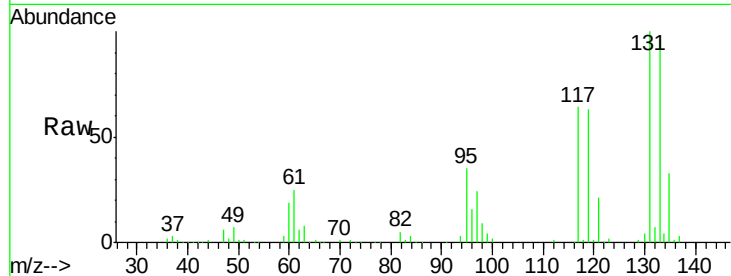




#65
 1,1,1,2-Tetrachloroethane
 Concen: 22.52 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

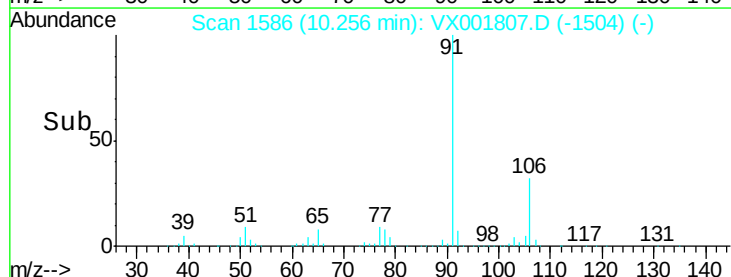
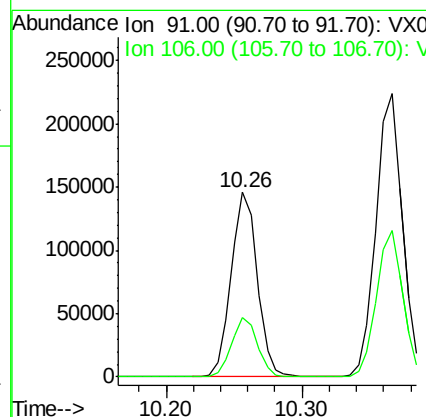
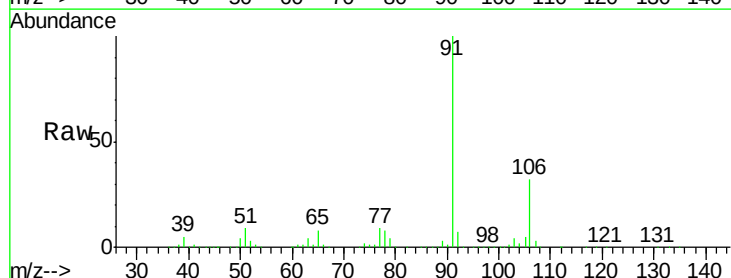
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

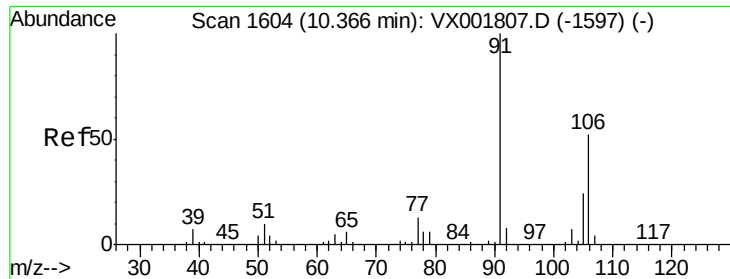
Tgt Ion: 131 Resp: 55986
 Ion Ratio Lower Upper
 131 100
 133 96.1 0.0 192.2
 119 62.7 0.0 125.4



#66
 Ethyl Benzene
 Concen: 19.55 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 91 Resp: 195231
 Ion Ratio Lower Upper
 91 100
 106 32.2 25.8 38.6





#67

m/p-Xylenes

Concen: 39.35 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

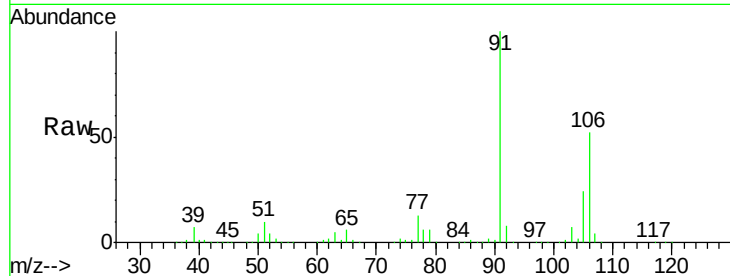
VSTDICCC020

Tgt Ion:106 Resp: 156667

Ion Ratio Lower Upper

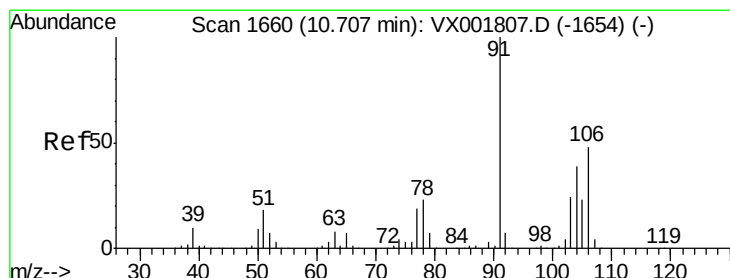
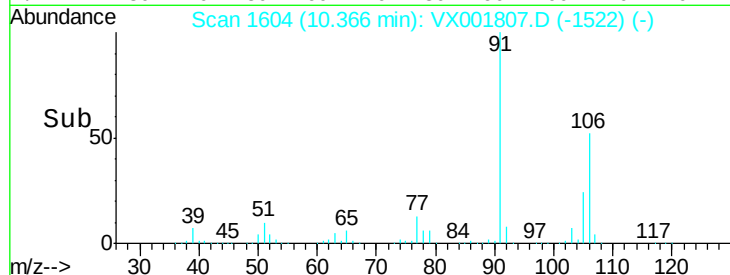
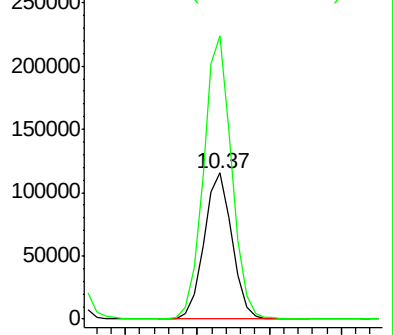
106 100

91 193.4 154.7 232.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.05 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX001807.D

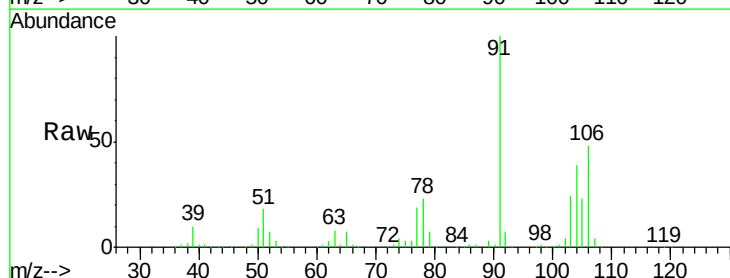
Acq: 18 May 2018 04:41

Tgt Ion:106 Resp: 79717

Ion Ratio Lower Upper

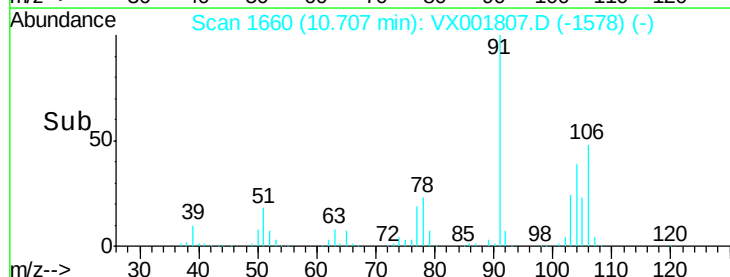
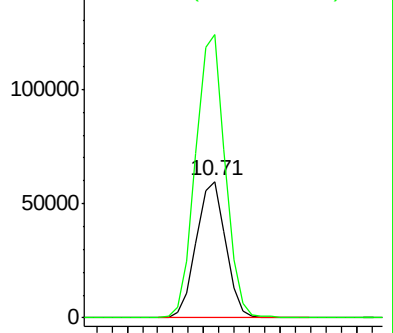
106 100

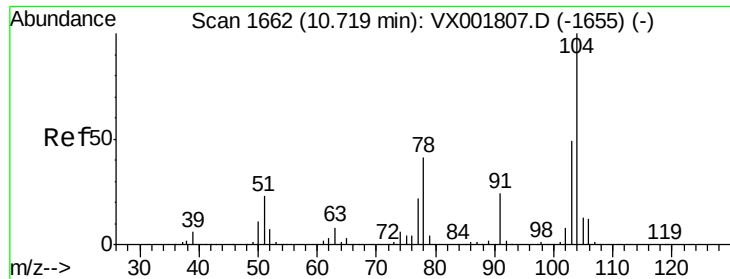
91 208.5 104.3 312.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

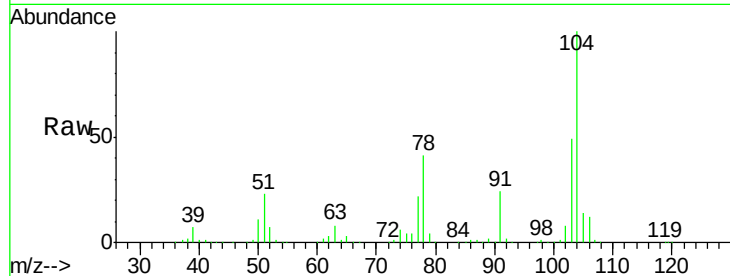




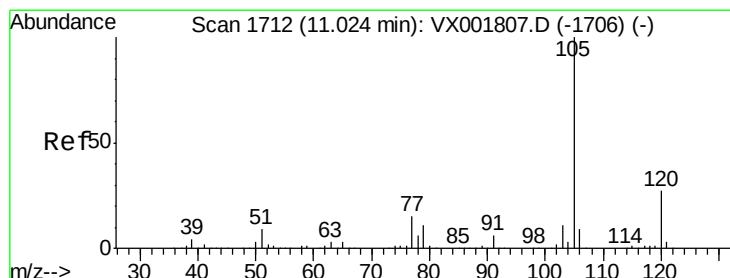
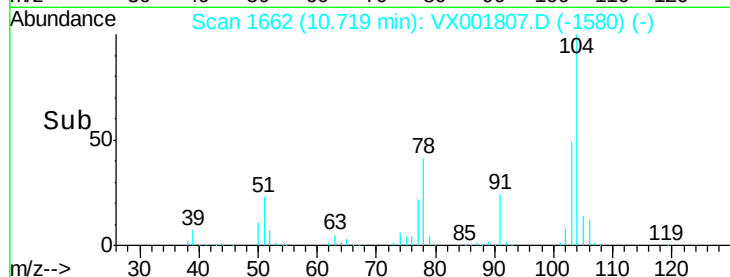
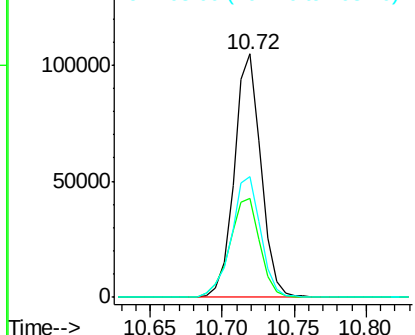
#69
Styrene
Concen: 20.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tgt Ion:104 Resp: 135635
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.6
103 54.4 43.5 65.3

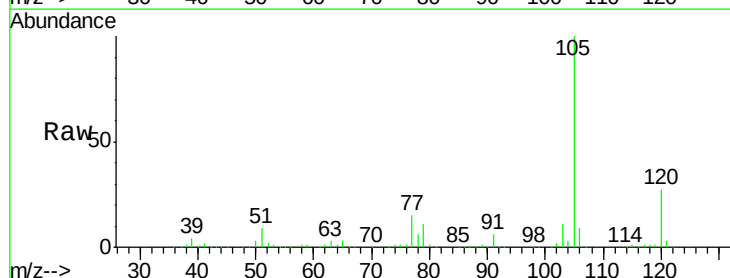


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

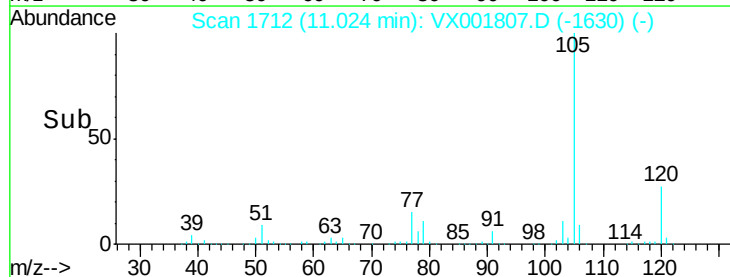
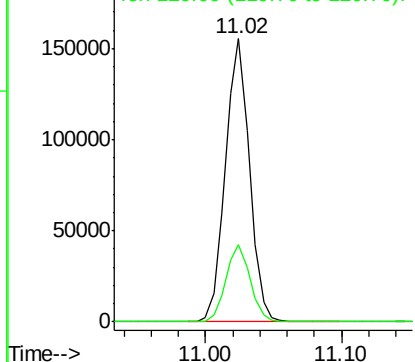


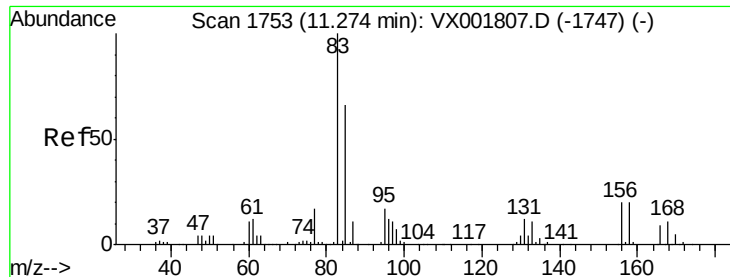
#70
Isopropylbenzene
Concen: 18.97 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion:105 Resp: 190383
Ion Ratio Lower Upper
105 100
120 27.6 19.3 35.9



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

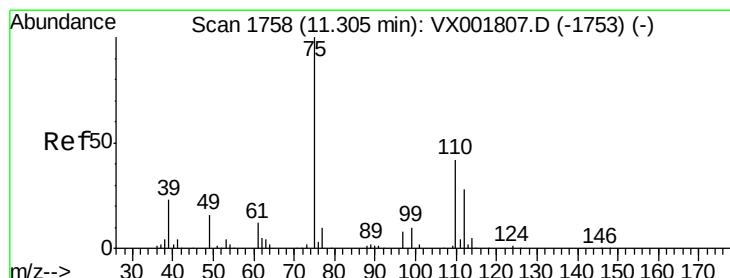
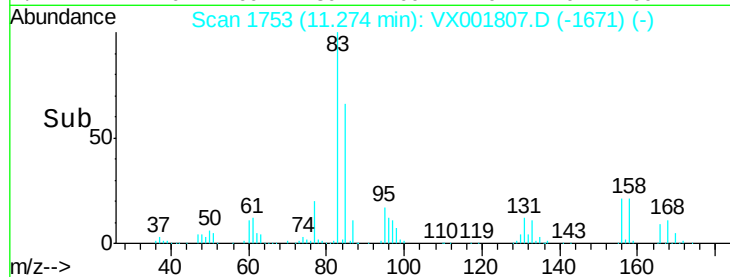
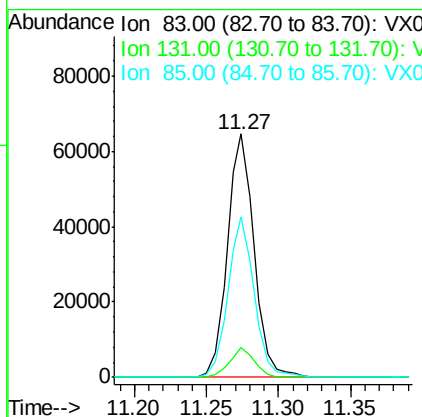
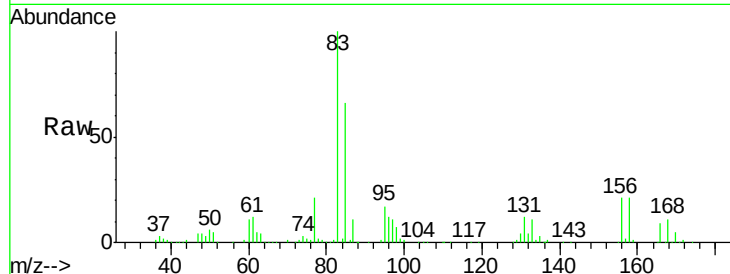




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.45 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

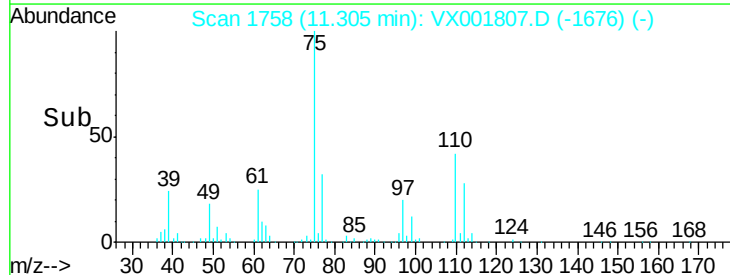
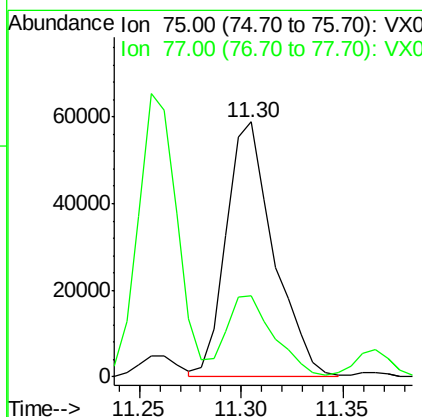
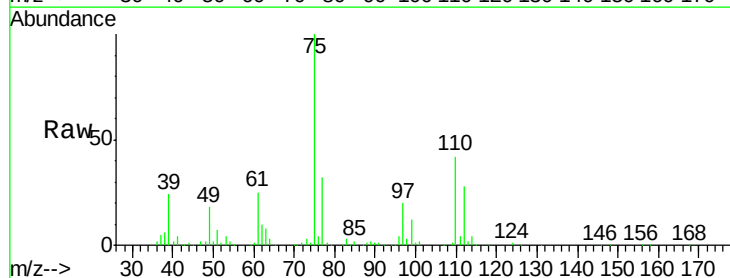
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

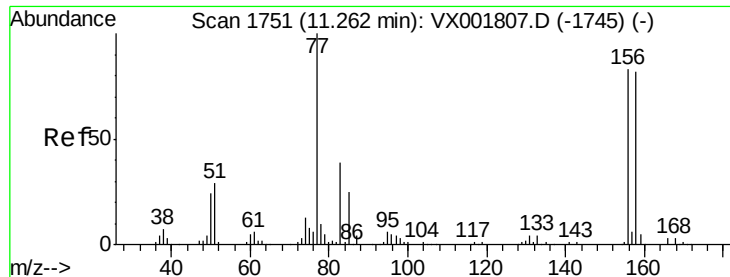
Tgt Ion: 83 Resp: 84368
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.8 17.3
 85 64.6 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 27.14 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 75 Resp: 94589
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 74.6





#73

Bromobenzene

Concen: 20.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

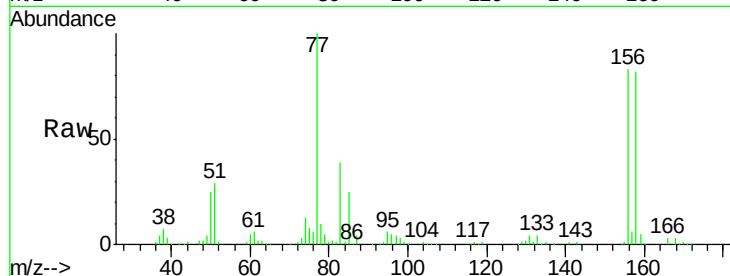
Tgt Ion:156 Resp: 65591

Ion Ratio Lower Upper

156 100

77 130.9 0.0 261.8

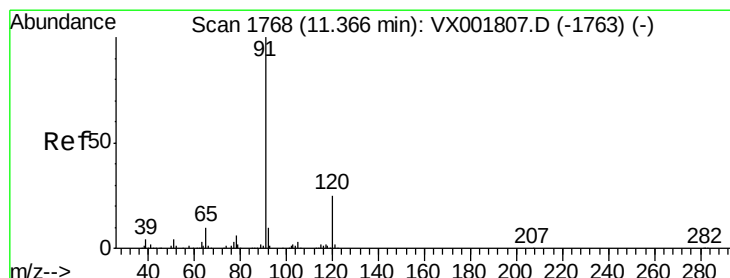
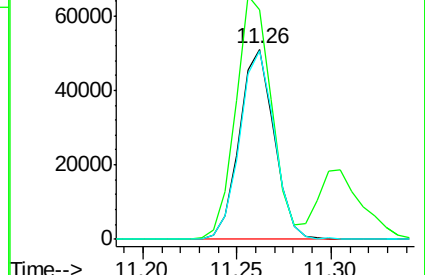
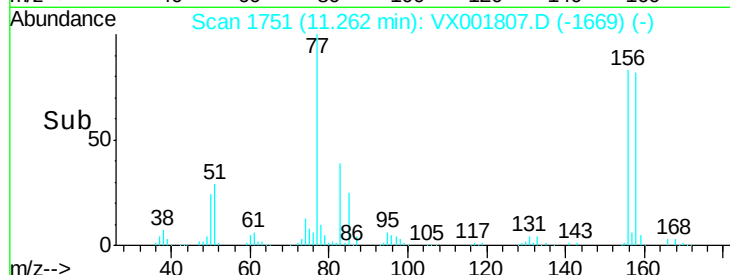
158 99.1 0.0 198.2



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: 18.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001807.D

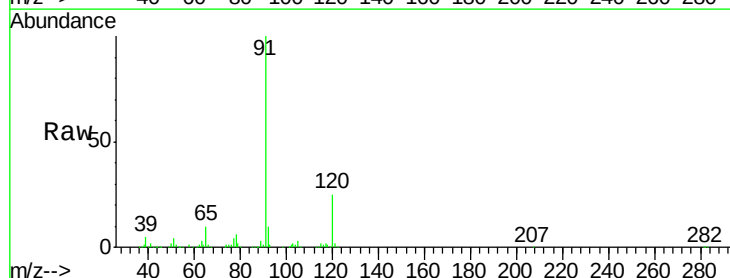
Acq: 18 May 2018 04:41

Tgt Ion: 91 Resp: 200006

Ion Ratio Lower Upper

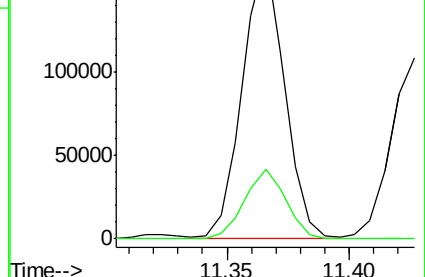
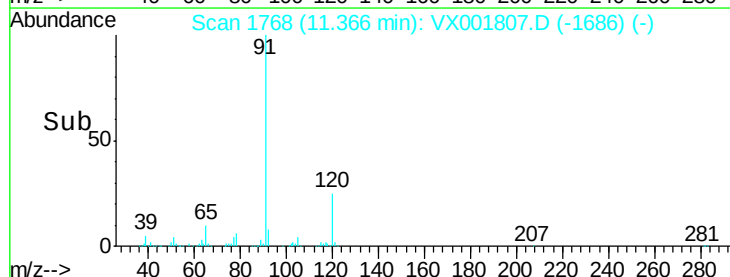
91 100

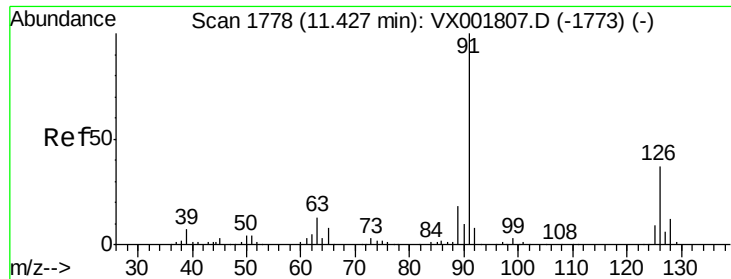
120 24.6 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.47 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

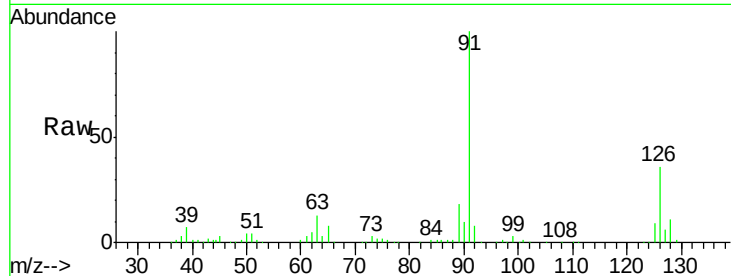
VSTDICCC020

Tgt Ion: 91 Resp: 135862

Ion Ratio Lower Upper

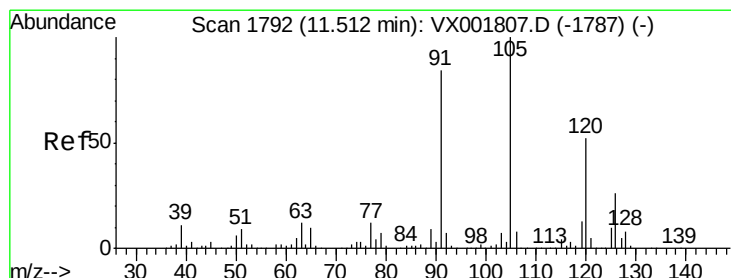
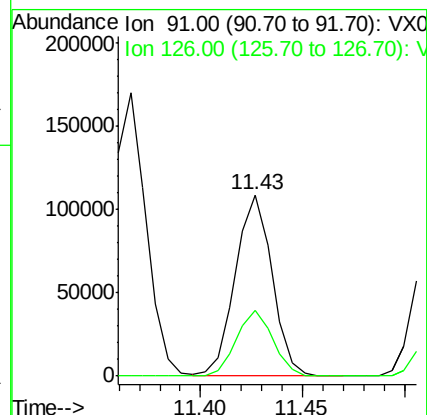
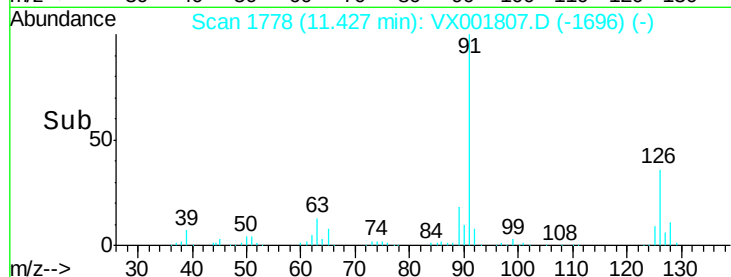
91 100

126 36.0 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001807.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001807.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001807.D

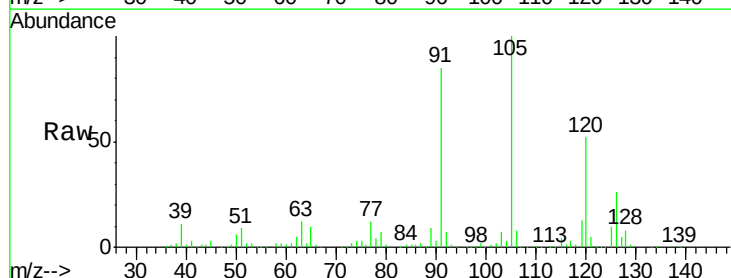
Acq: 18 May 2018 04:41

Tgt Ion: 105 Resp: 158077

Ion Ratio Lower Upper

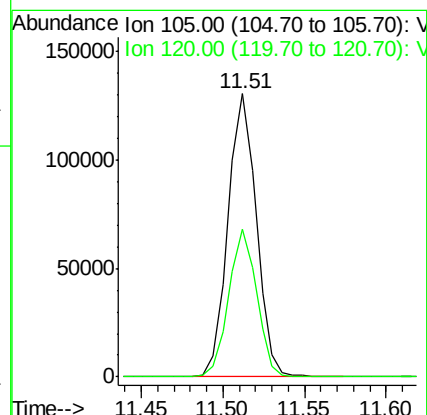
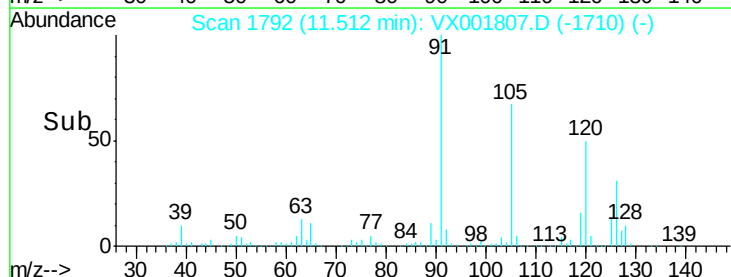
105 100

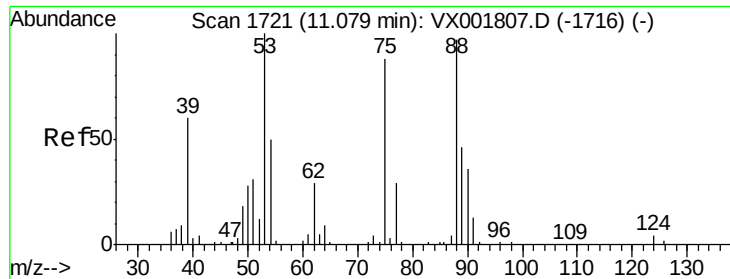
120 51.5 0.0 103.0



Abundance Ion 105.00 (104.70 to 105.70): VX001807.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001807.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

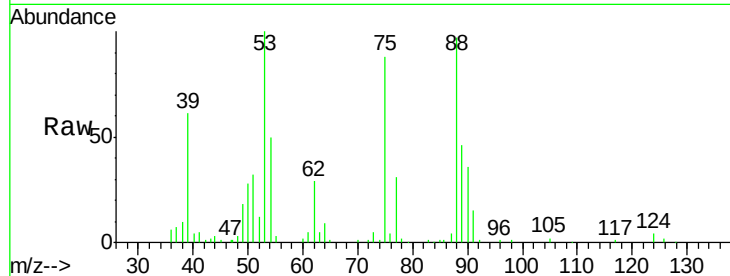
Tgt Ion: 75 Resp: 16747

Ion Ratio Lower Upper

75 100

53 113.9 57.0 170.8

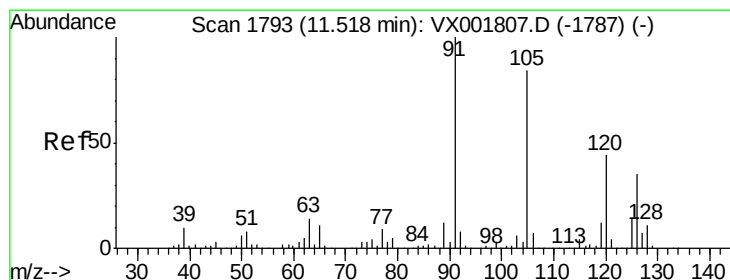
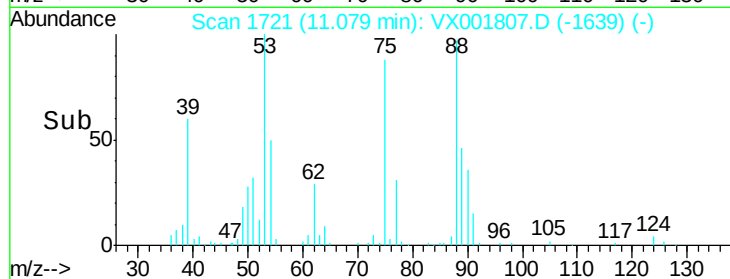
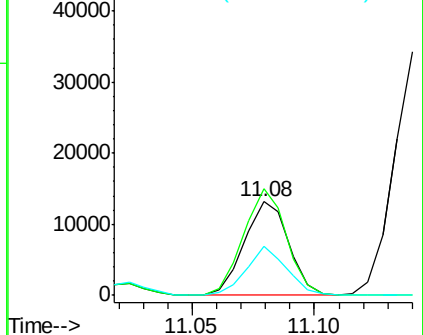
89 52.6 26.3 78.9



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: 18.96 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001807.D

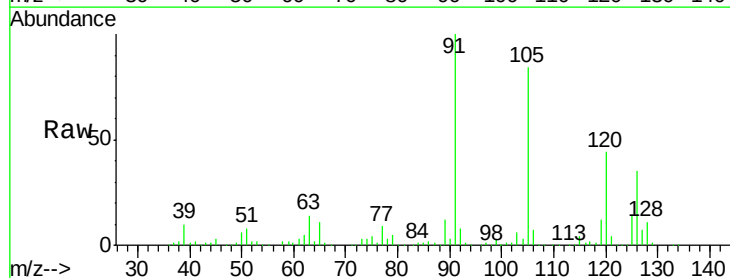
Acq: 18 May 2018 04:41

Tgt Ion: 91 Resp: 149779

Ion Ratio Lower Upper

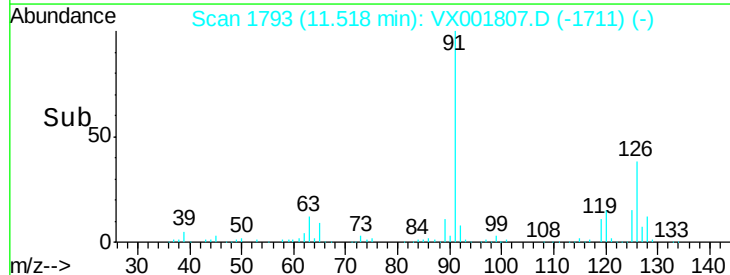
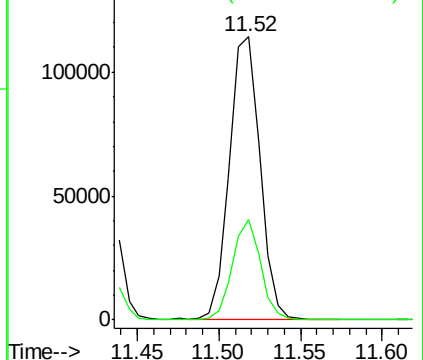
91 100

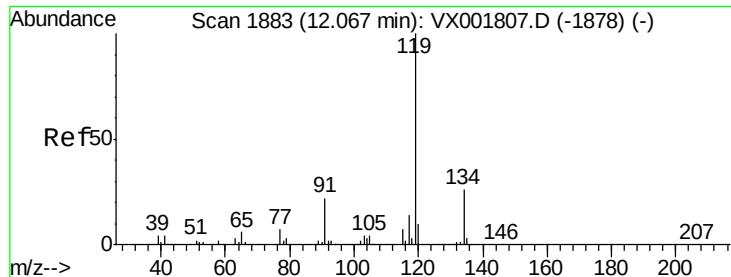
126 32.4 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

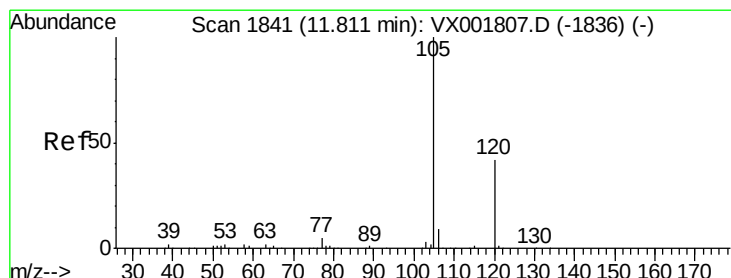
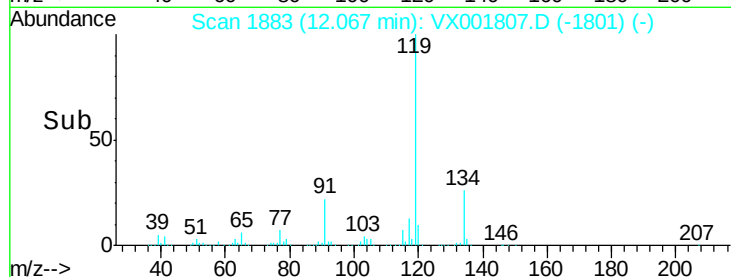
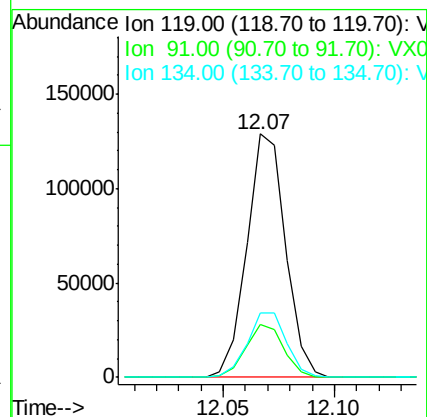
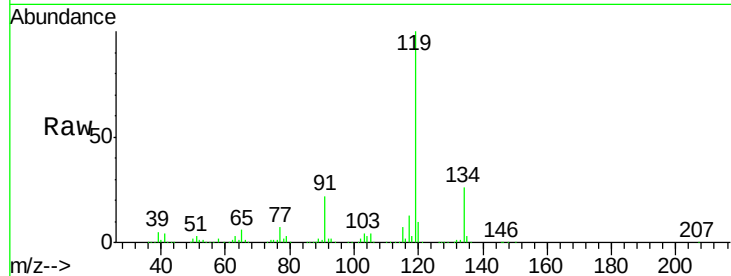




#79
tert-butylbenzene
Concen: 17.72 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

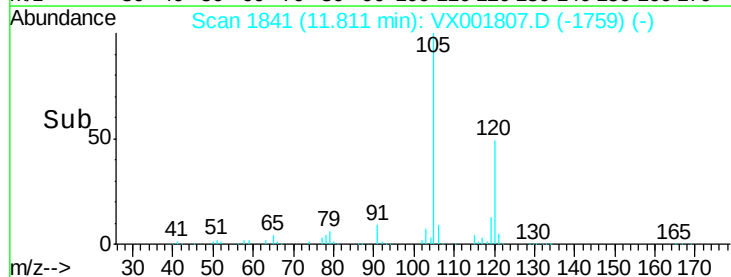
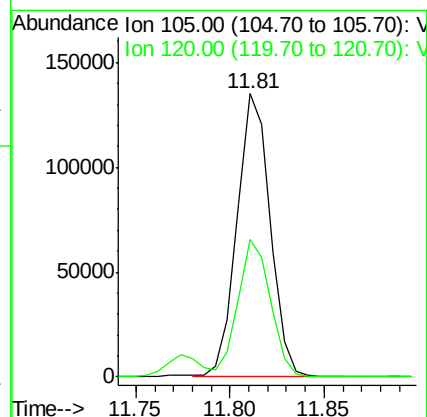
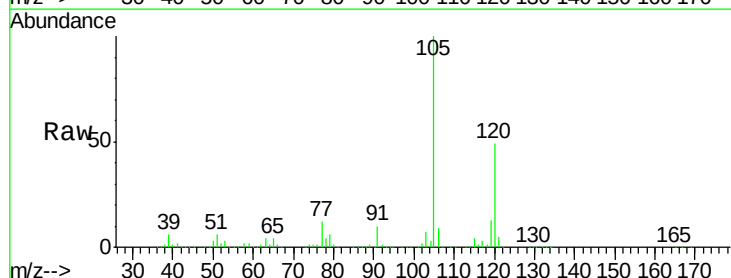
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

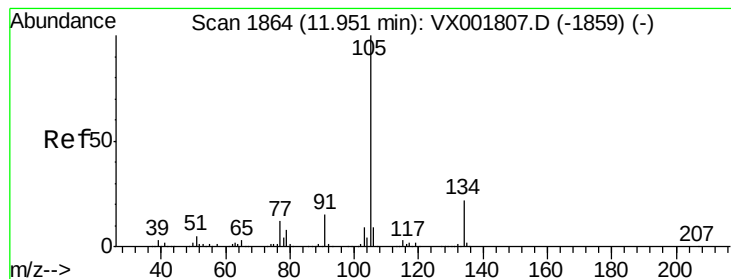
Tgt Ion:119 Resp: 156020
Ion Ratio Lower Upper
119 100
91 21.6 0.0 43.2
134 27.3 0.0 54.6



#80
1,2,4-Trimethylbenzene
Concen: 19.13 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion:105 Resp: 165220
Ion Ratio Lower Upper
105 100
120 47.3 0.0 94.6





#81

sec-Butylbenzene

Concen: 17.76 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

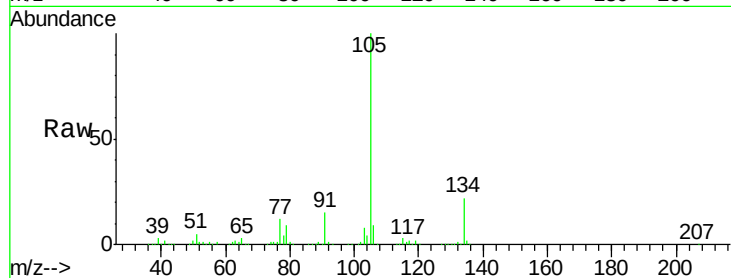
VSTDICCC020

Tgt Ion:105 Resp: 171409

Ion Ratio Lower Upper

105 100

134 22.0 0.0 44.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

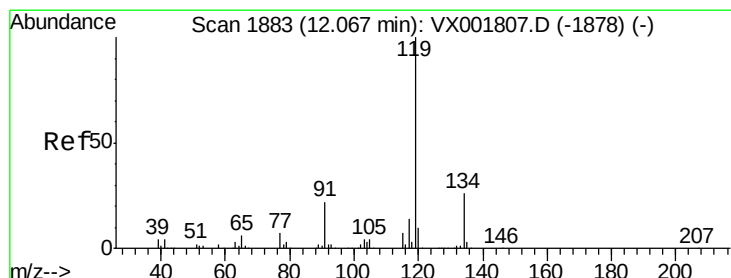
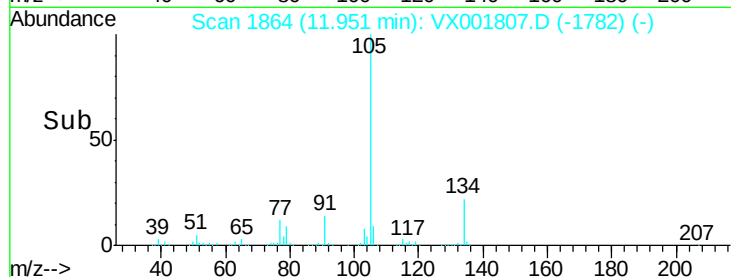
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 17.72 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001807.D

Acq: 18 May 2018 04:41

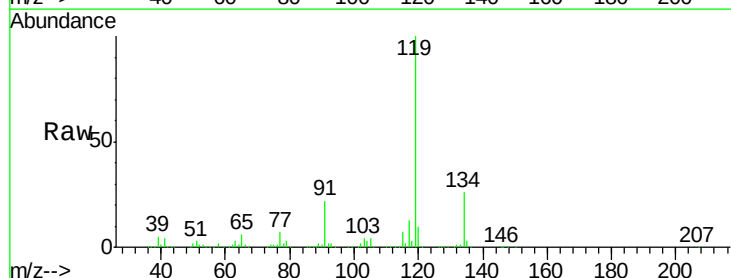
Tgt Ion:119 Resp: 156020

Ion Ratio Lower Upper

119 100

134 27.3 0.0 54.6

91 21.6 0.0 43.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

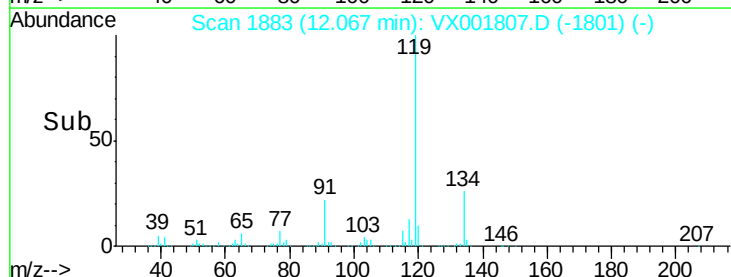
150000

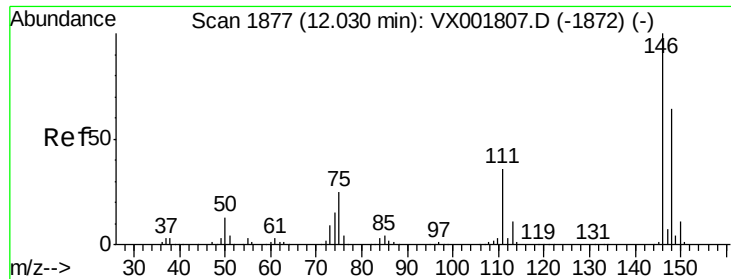
100000

50000

0

Time-->

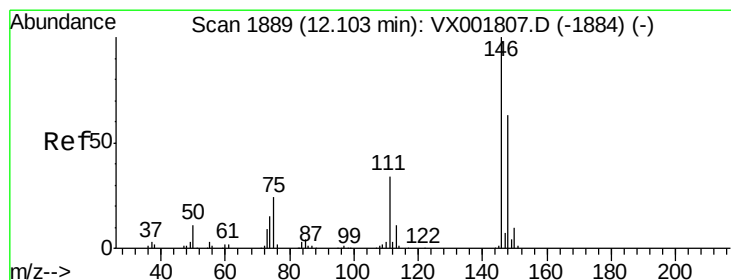
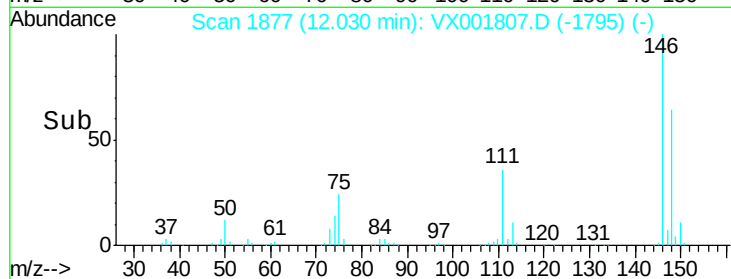
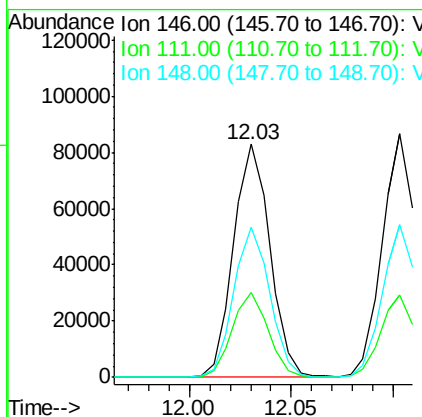
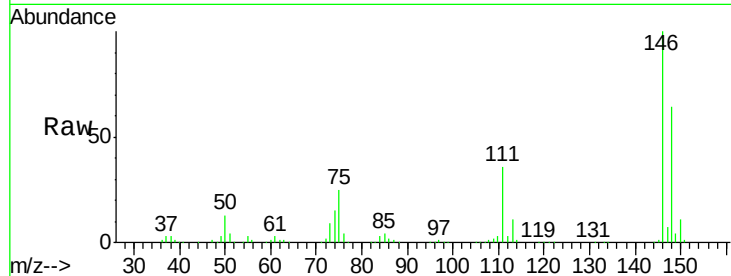




#83
 1,3-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

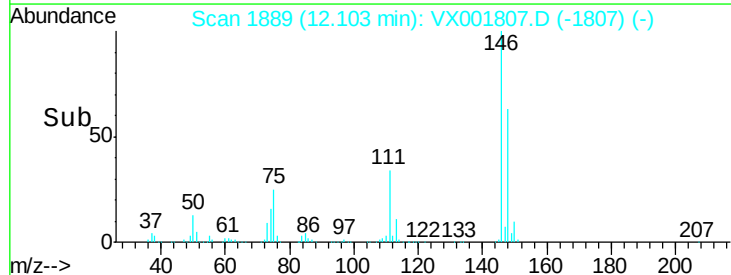
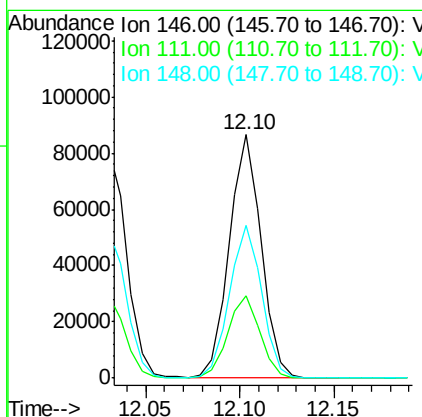
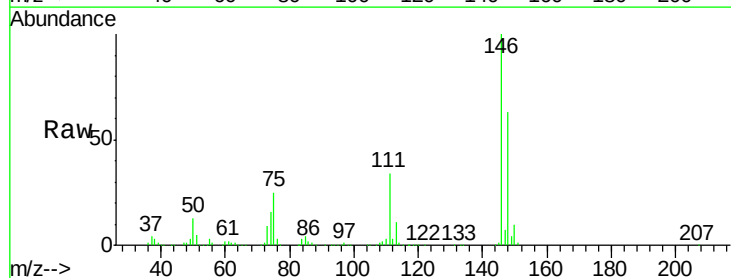
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

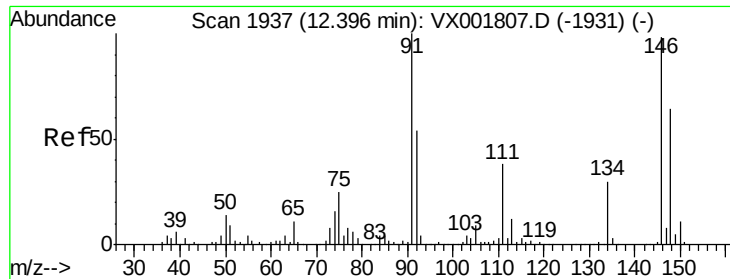
Tgt Ion:146 Resp: 102722
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.0 54.0
 148 63.9 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.97 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion:146 Resp: 102045
 Ion Ratio Lower Upper
 146 100
 111 34.1 17.1 51.2
 148 63.5 31.8 95.3

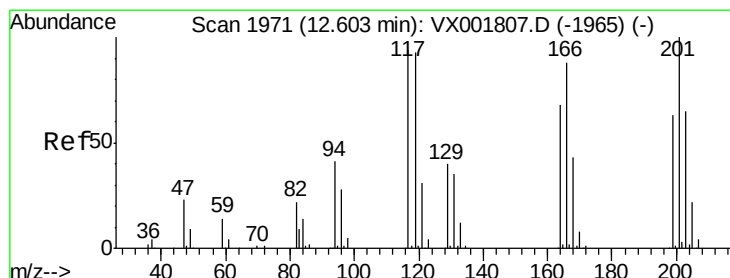
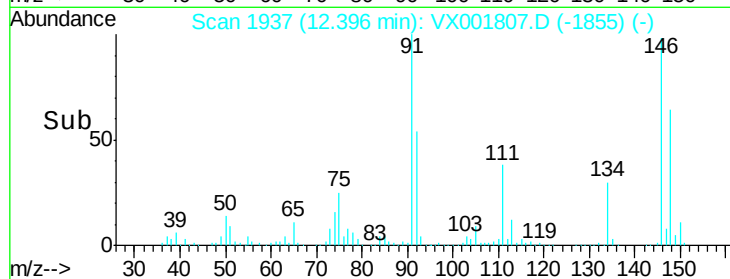
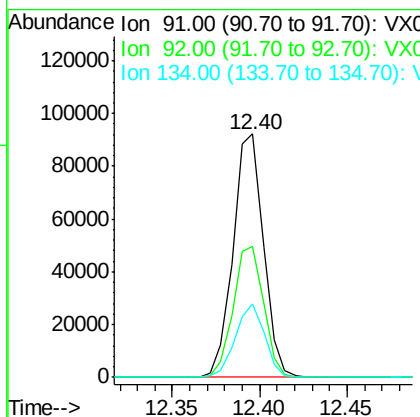
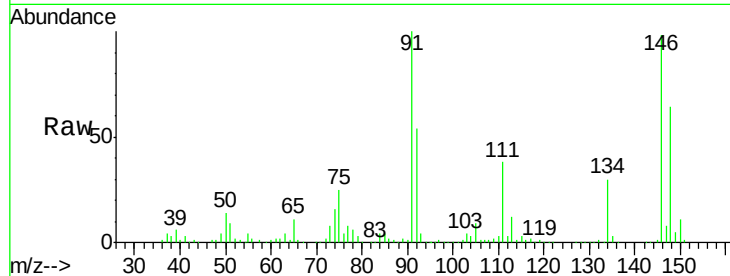




#85
n-Butylbenzene
Concen: 16.04 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

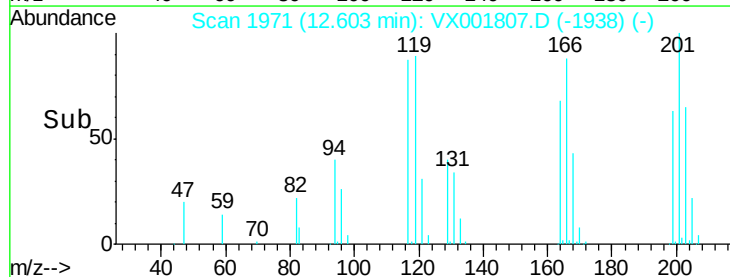
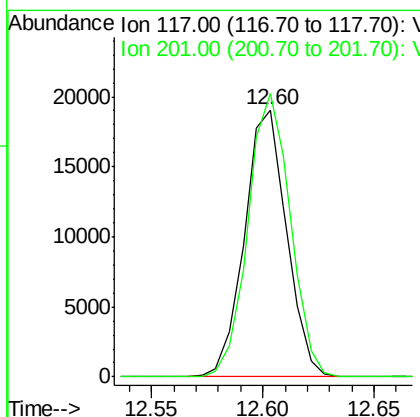
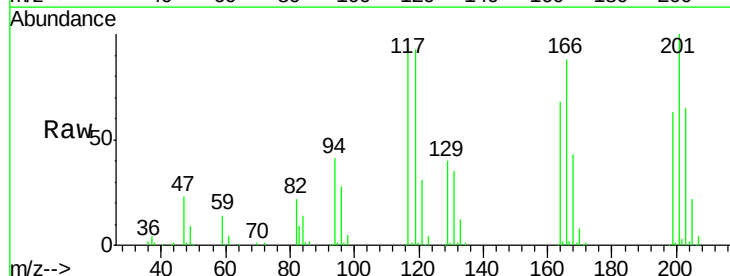
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

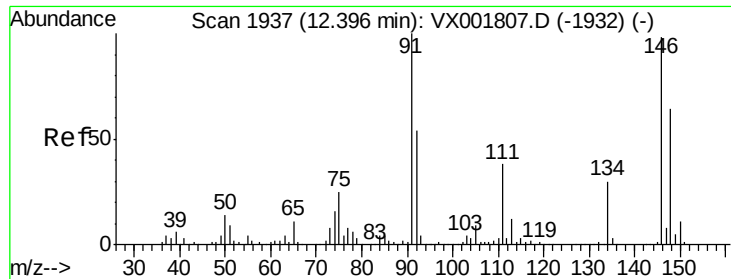
Tgt Ion: 91 Resp: 111287
Ion Ratio Lower Upper
91 100
92 54.1 0.0 108.2
134 28.9 0.0 57.8



#86
Hexachloroethane
Concen: 17.73 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion: 117 Resp: 25142
Ion Ratio Lower Upper
117 100
201 106.0 53.0 159.0

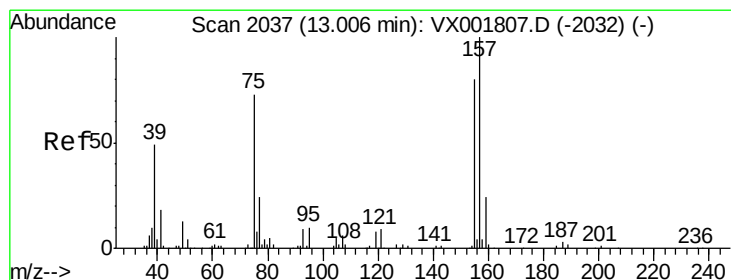
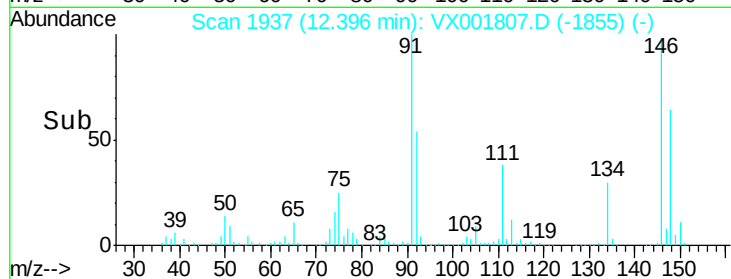
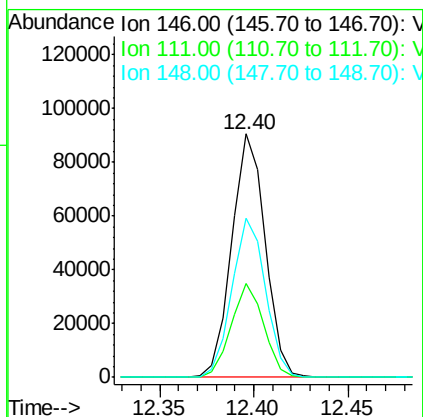
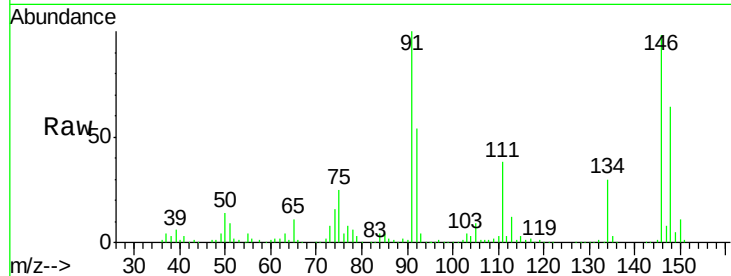




#87
 1,2-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

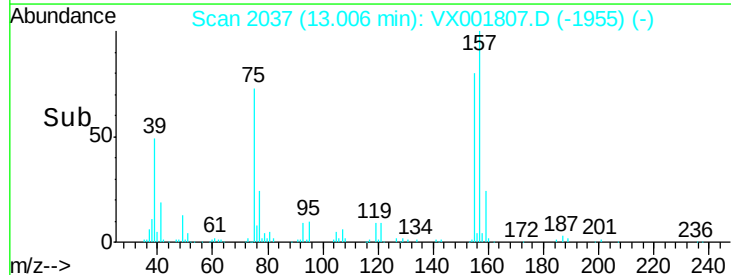
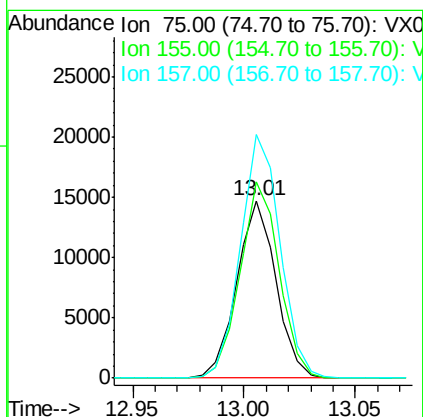
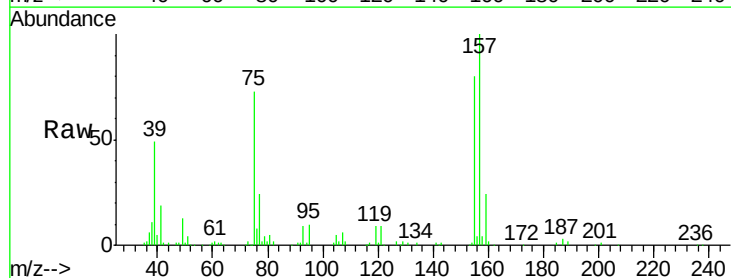
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

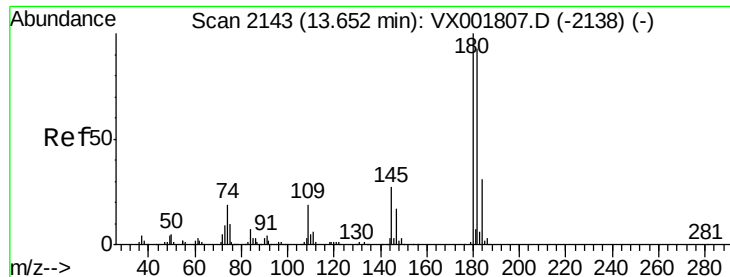
Tgt Ion: 146 Resp: 111390
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 65.8 32.9 98.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.86 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion: 75 Resp: 18079
 Ion Ratio Lower Upper
 75 100
 155 110.6 88.5 132.7
 157 138.7 111.0 166.4

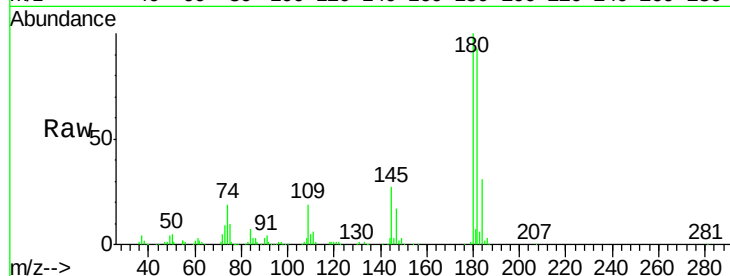




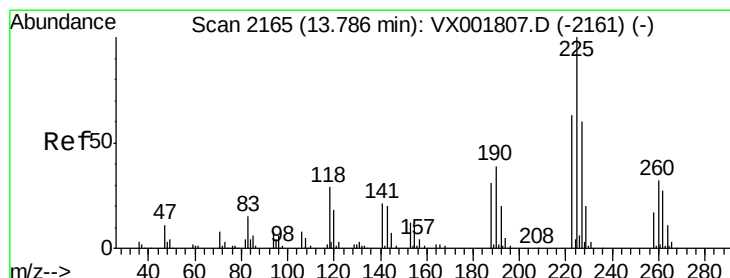
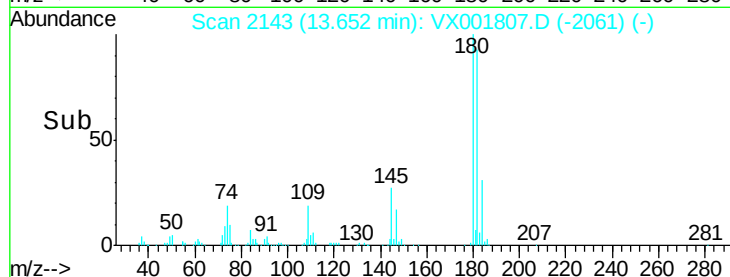
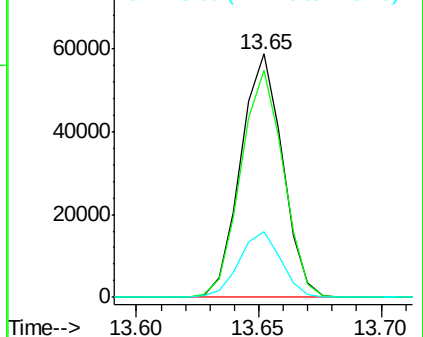
#89
 1,2,4-Trichlorobenzene
 Concen: 17.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:180 Resp: 70193
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 27.0 21.6 32.4

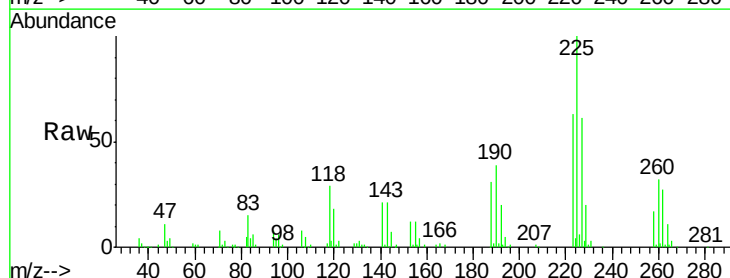


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

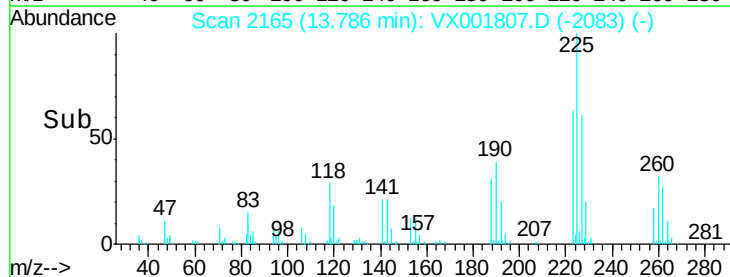
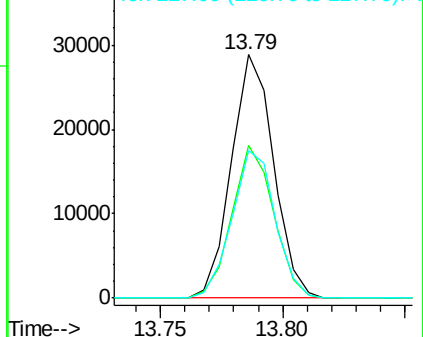


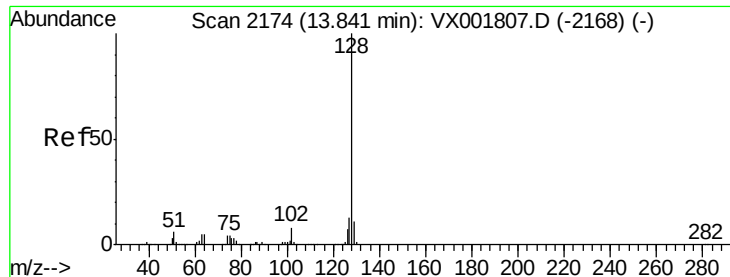
#90
 Hexachlorobutadiene
 Concen: 17.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001807.D
 Acq: 18 May 2018 04:41

Tgt Ion:225 Resp: 34723
 Ion Ratio Lower Upper
 225 100
 223 61.8 0.0 123.6
 227 62.0 0.0 124.0



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

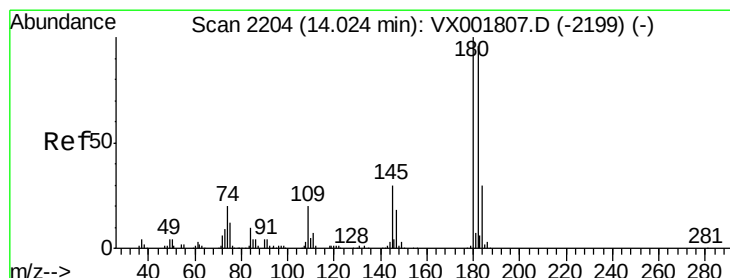
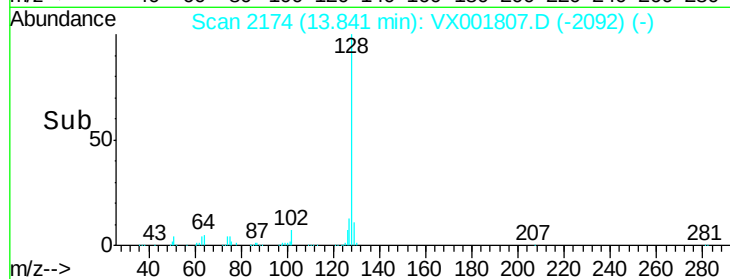
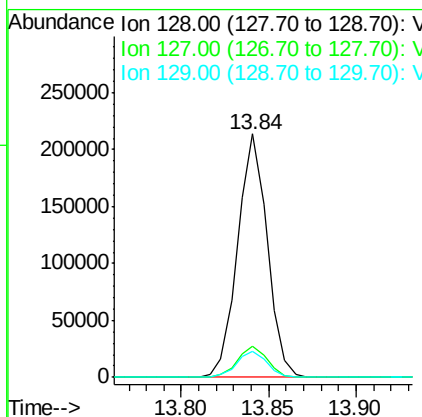
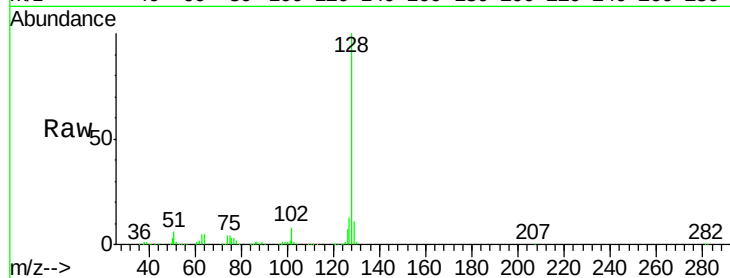




#91
Naphthalene
Concen: 20.78 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 252037
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 19.19 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001807.D
Acq: 18 May 2018 04:41

Tgt Ion:180 Resp: 80511
Ion Ratio Lower Upper
180 100
182 94.4 0.0 188.8
145 28.3 0.0 56.6

