

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
 Data File : VX002863.D
 Acq On : 25 Jun 2018 14:00
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 10 01:33:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223132	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	79069	20.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.00%	
35) Dibromofluoromethane	5.51	113	61693	20.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.48%	
50) Toluene-d8	8.72	98	224051	20.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.26%	
62) 4-Bromofluorobenzene	11.14	95	84238	19.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50013	19.891	ug/l	100
3) Chloromethane	1.32	50	54759	20.461	ug/l	99
4) Vinyl Chloride	1.40	62	60962	19.315	ug/l	98
5) Bromomethane	1.64	94	40638	26.293	ug/l	98
6) Chloroethane	1.73	64	38866	19.705	ug/l	99
7) Trichlorofluoromethane	1.93	101	107532	20.198	ug/l	97
8) Diethyl Ether	2.19	74	37407	19.327	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60048	19.465	ug/l	99
10) Methyl Iodide	2.51	142	49090	19.964	ug/l	99
11) Tert butyl alcohol	3.07	59	80638	104.935	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53960	19.605	ug/l	100
13) Acrolein	2.29	56	43720	105.116	ug/l	98
14) Allyl chloride	2.73	41	106864	19.696	ug/l	100
15) Acrylonitrile	3.15	53	165580	100.879	ug/l	99
16) Acetone	2.45	43	164317	102.858	ug/l	99
17) Carbon Disulfide	2.57	76	137881	18.801	ug/l	99
18) Methyl Acetate	2.78	43	96478	21.601	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	197916	20.002	ug/l	98
20) Methylene Chloride	2.86	84	60138	19.345	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	58119	19.387	ug/l	98
22) Diisopropyl ether	3.88	45	205152	19.781	ug/l	98
23) Vinyl Acetate	3.83	43	857435	97.636	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111095	19.708	ug/l	100
25) 2-Butanone	4.71	43	241671	101.934	ug/l	99
26) 2,2-Dichloropropane	4.59	77	89342	19.492	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	65775	19.569	ug/l	91
28) Bromochloromethane	5.02	49	56981	21.119	ug/l	94
29) Tetrahydrofuran	5.17	42	150678	99.106	ug/l	97
30) Chloroform	5.22	83	116230	20.092	ug/l	97
31) Cyclohexane	5.58	56	94697	19.575	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	100434	19.732	ug/l	99
36) 1,1-Dichloropropene	5.80	75	81925	19.412	ug/l	99
37) Ethyl Acetate	4.87	43	91859	20.215	ug/l	99
38) Carbon Tetrachloride	5.79	117	90891	19.625	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97623	19.859	ug/l	98
40) Benzene	6.15	78	242909	19.809	ug/l	99
41) Methacrylonitrile	5.07	41	51657	19.742	ug/l	97
42) 1,2-Dichloroethane	6.20	62	96557	19.493	ug/l	99
43) Isopropyl Acetate	6.47	43	148642	19.505	ug/l	99
44) Trichloroethene	7.22	130	72653	19.873	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63587	19.549	ug/l	97
46) Dibromomethane	7.66	93	43800	19.403	ug/l	96
47) Bromodichloromethane	7.90	83	81120	19.439	ug/l	98
48) Methyl methacrylate	7.78	41	78496	19.990	ug/l	98
49) 1,4-Dioxane	7.76	88	30652	401.220	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	480624	100.801	ug/l	99
52) Toluene	8.79	92	157109	20.000	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	93732	19.832	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	87320	19.202	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63800	19.765	ug/l	97
56) Ethyl methacrylate	9.18	69	93578	19.836	ug/l	97
57) 1,3-Dichloropropane	9.38	76	104986	19.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	231202	101.583	ug/l	98
59) 2-Hexanone	9.50	43	370273	102.179	ug/l	98
60) Dibromochloromethane	9.59	129	66527	19.578	ug/l	99
61) 1,2-Dibromoethane	9.68	107	67464	19.925	ug/l	100
64) Tetrachloroethene	9.34	164	80266	19.786	ug/l	99
65) Chlorobenzene	10.14	112	184871	19.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67279	19.986	ug/l	99
67) Ethyl Benzene	10.26	91	306886	20.048	ug/l	99
68) m/p-Xylenes	10.36	106	237486	40.255	ug/l	100
69) o-Xylene	10.70	106	115260	20.065	ug/l	98
70) Styrene	10.71	104	185857	19.911	ug/l	99
71) Bromoform	10.86	173	49915	19.034	ug/l #	99
73) Isopropylbenzene	11.02	105	314241	20.934	ug/l	100
74) N-amyl acetate	6.47	43	148642	20.238	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94501	20.437	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	107614	26.626	ug/l	79
77) Bromobenzene	11.26	156	85649	20.036	ug/l	98
78) n-propylbenzene	11.37	91	358064	20.956	ug/l	99
79) 2-Chlorotoluene	11.43	91	213282	20.618	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263677	20.856	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24014	19.441	ug/l	94
82) 4-Chlorotoluene	11.51	91	251972	20.575	ug/l	99
83) tert-Butylbenzene	11.77	119	258755	20.767	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	273602	20.887	ug/l	99
85) sec-Butylbenzene	11.95	105	315879	20.898	ug/l	100
86) p-Isopropyltoluene	12.07	119	285753	21.027	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158566	20.310	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161067	20.047	ug/l	99
89) n-Butylbenzene	12.39	91	240218	20.309	ug/l	99
90) Hexachloroethane	12.60	117	39900	19.740	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	158649	20.133	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20019	19.259	ug/l	98

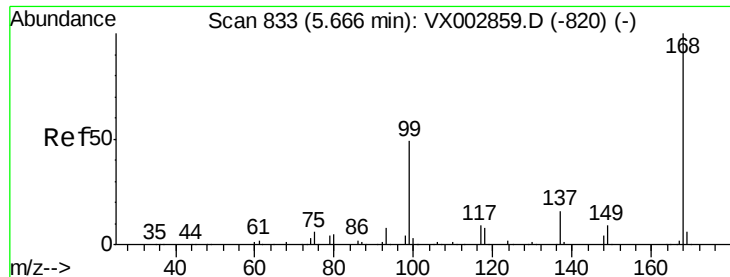
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
Data File : VX002863.D
Acq On : 25 Jun 2018 14:00
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115617	20.160	ug/l	99
94) Hexachlorobutadiene	13.79	225	58811	20.561	ug/l	99
95) Naphthalene	13.84	128	319350	20.907	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117563	20.524	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

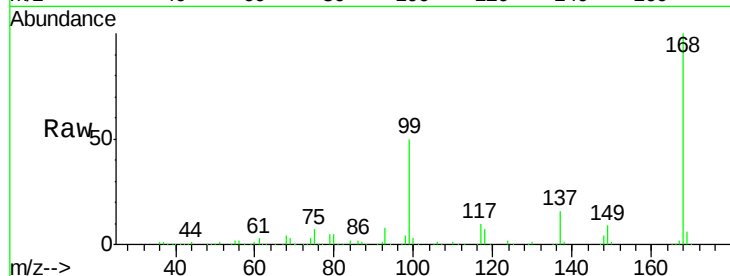
VSTDIC020

Tgt Ion:168 Resp: 279086

Ion Ratio Lower Upper

168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

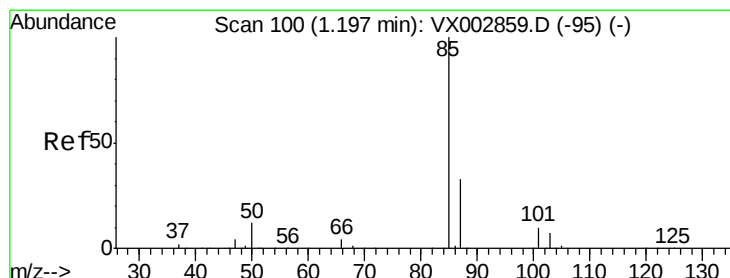
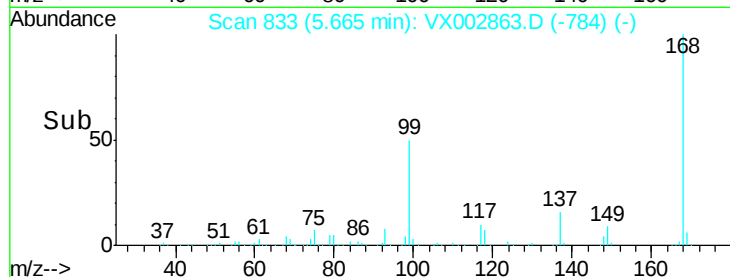
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.891 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002863.D

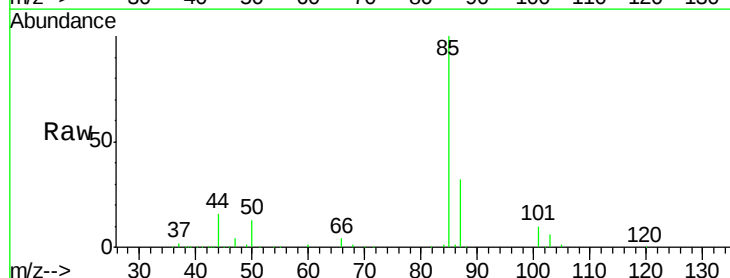
Acq: 25 Jun 2018 14:00

Tgt Ion: 85 Resp: 50013

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

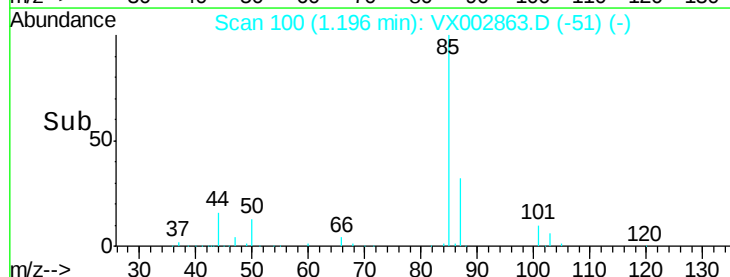
30000

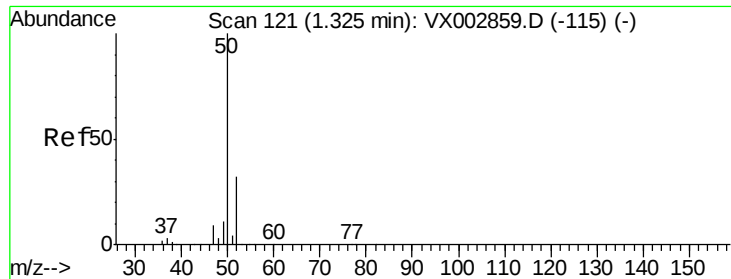
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.461 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

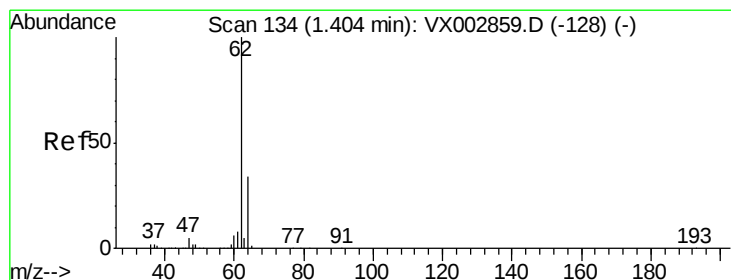
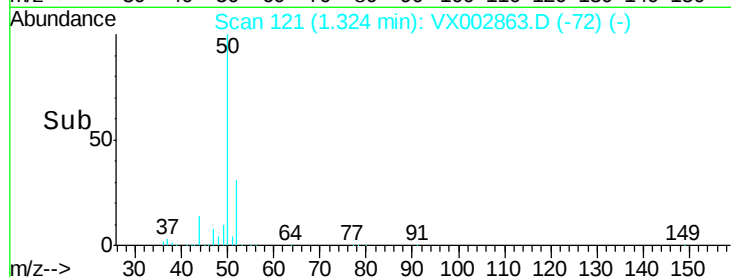
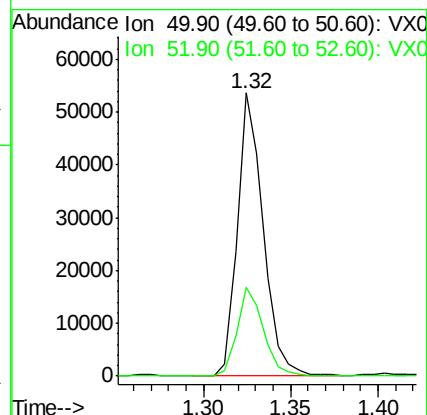
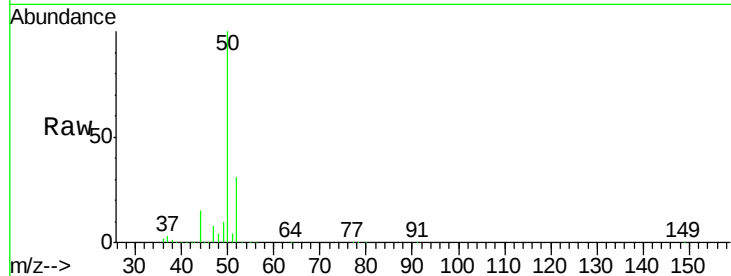
VSTDIC020

Tgt Ion: 50 Resp: 54759

Ion Ratio Lower Upper

50 100

52 31.4 25.7 38.5



#4

Vinyl Chloride

Concen: 19.315 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002863.D

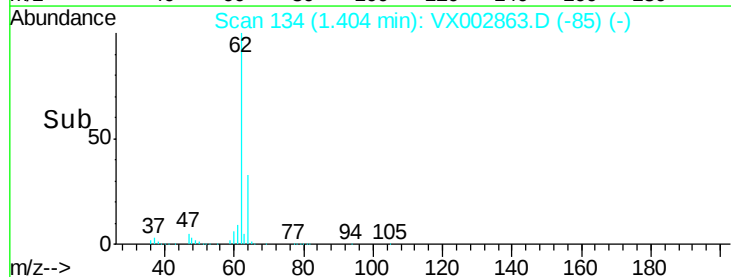
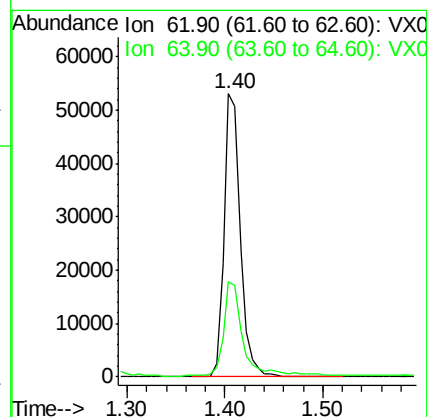
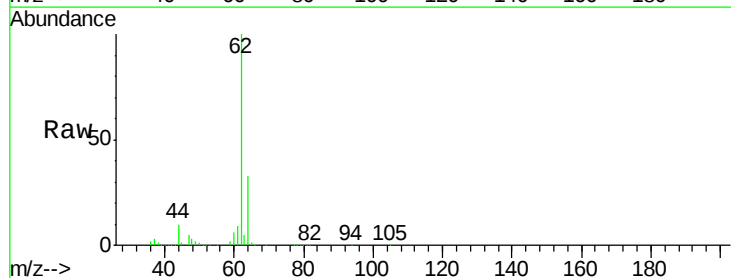
Acq: 25 Jun 2018 14:00

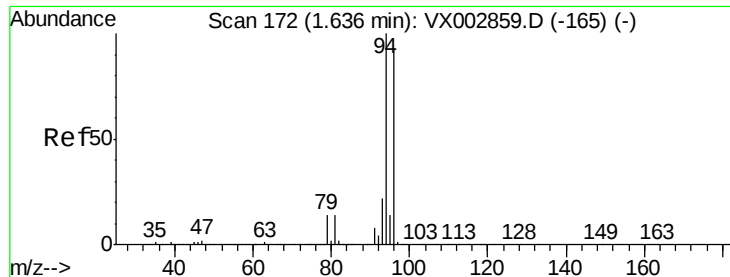
Tgt Ion: 62 Resp: 60962

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 26.293 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

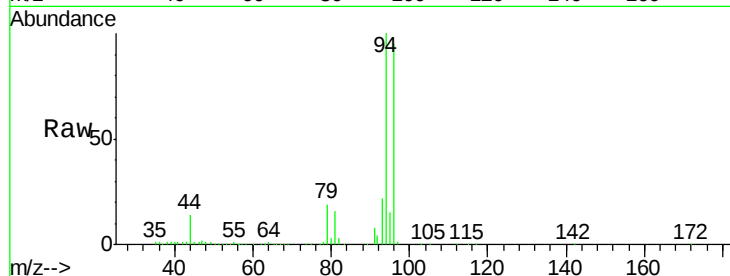
VSTDIC020

Tgt Ion: 94 Resp: 40638

Ion Ratio Lower Upper

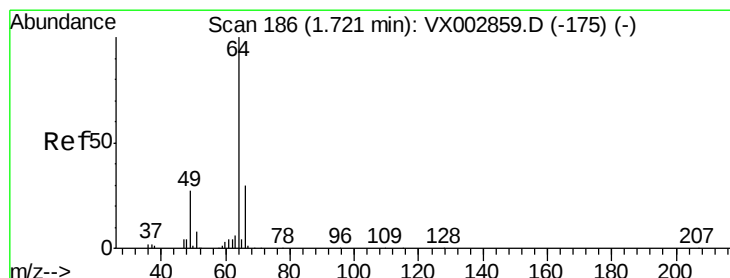
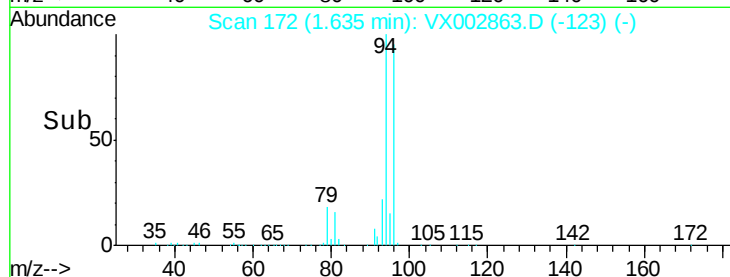
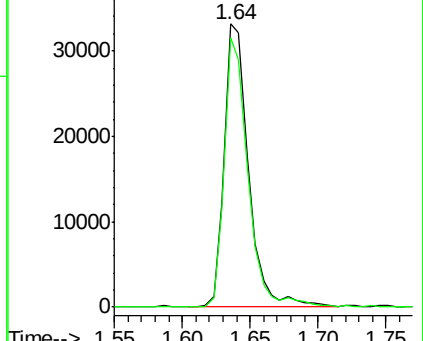
94 100

96 95.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.705 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002863.D

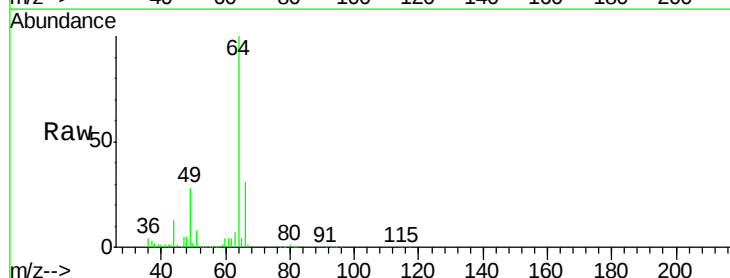
Acq: 25 Jun 2018 14:00

Tgt Ion: 64 Resp: 38866

Ion Ratio Lower Upper

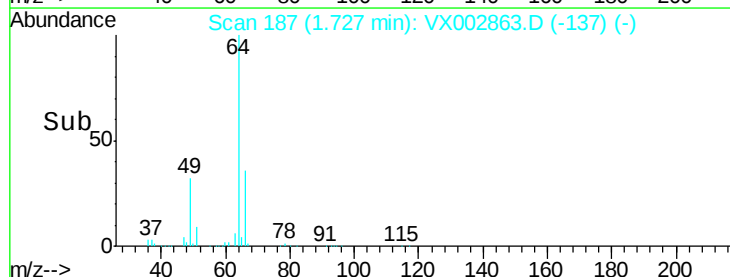
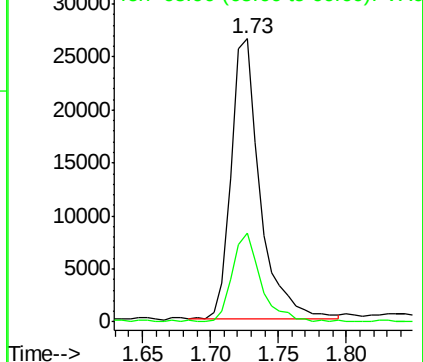
64 100

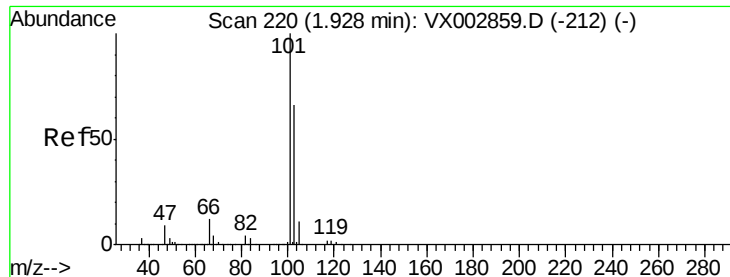
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



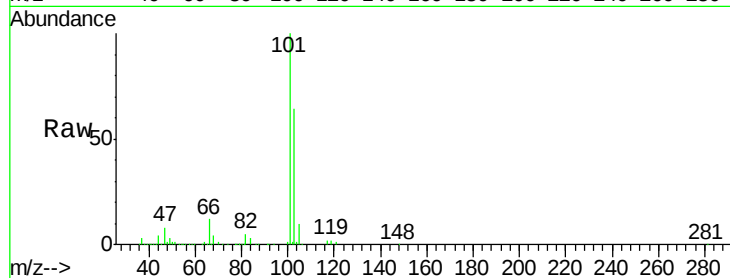


#7

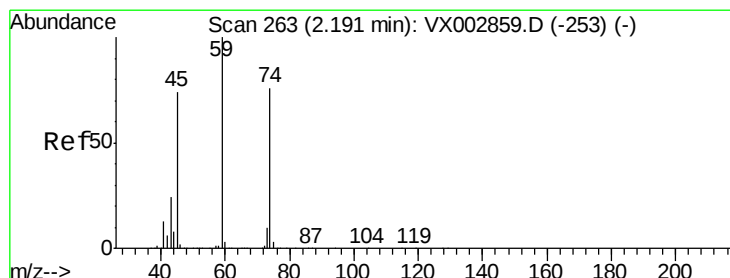
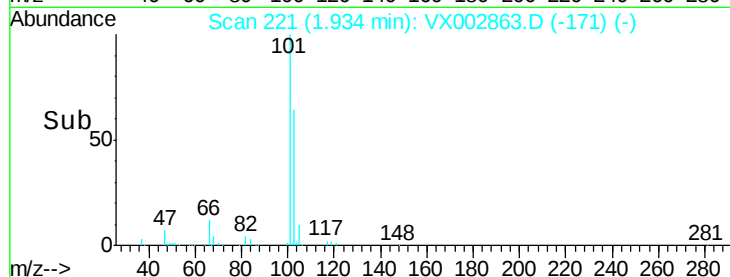
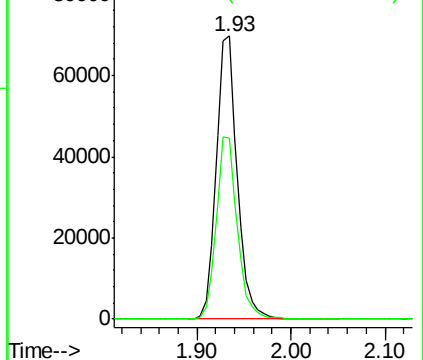
Trichlorofluoromethane
 Concen: 20.198 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 107532
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2



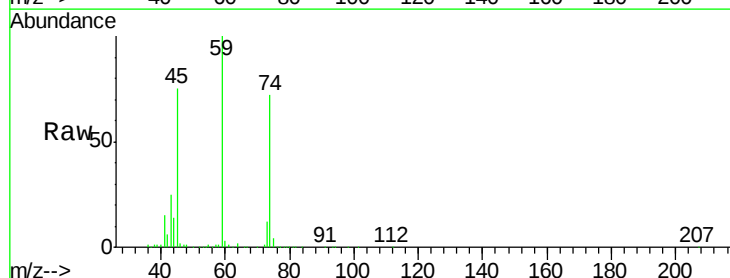
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



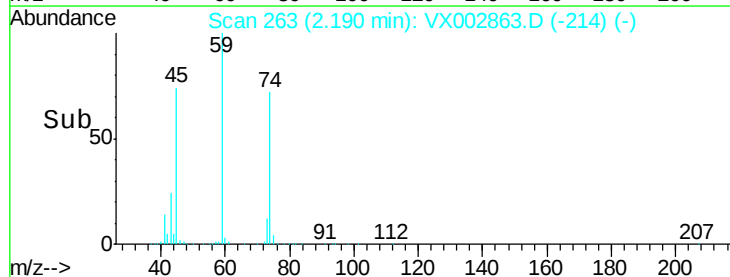
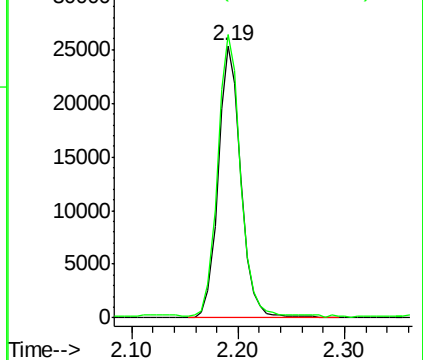
#8

Diethyl Ether
 Concen: 19.327 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 74 Resp: 37407
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.465 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

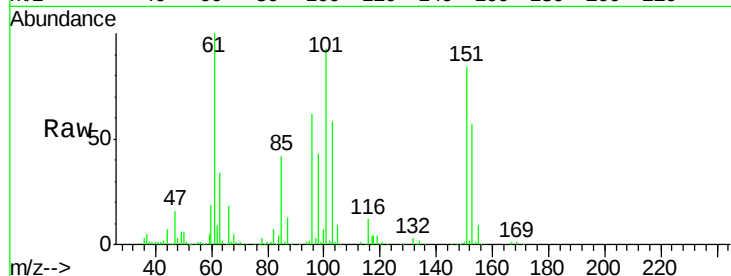
Tgt Ion:101 Resp: 60048

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

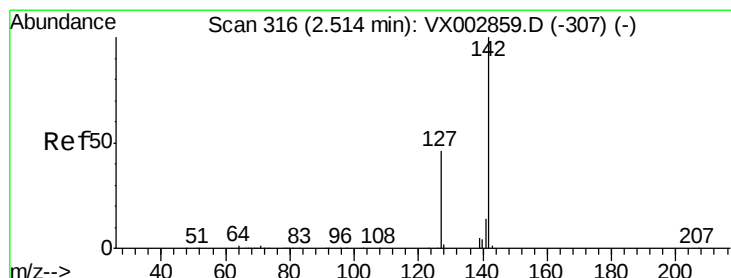
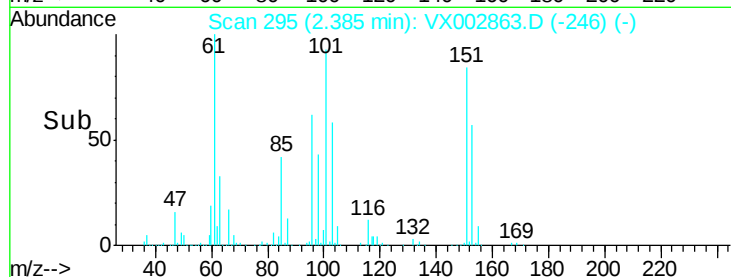
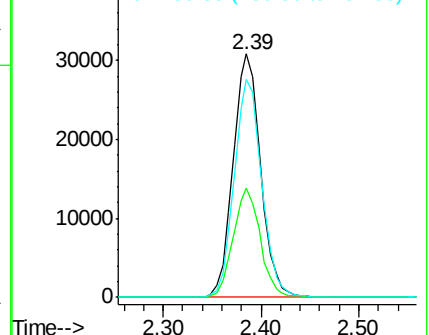
151 89.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.964 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

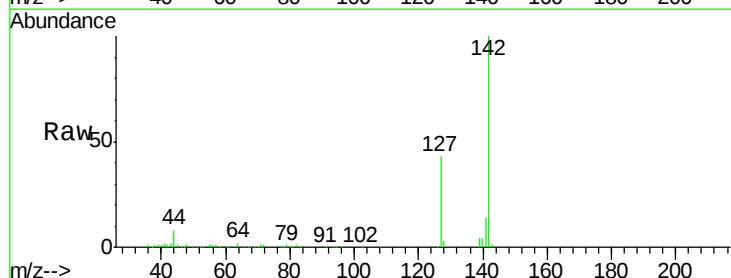
Tgt Ion:142 Resp: 49090

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

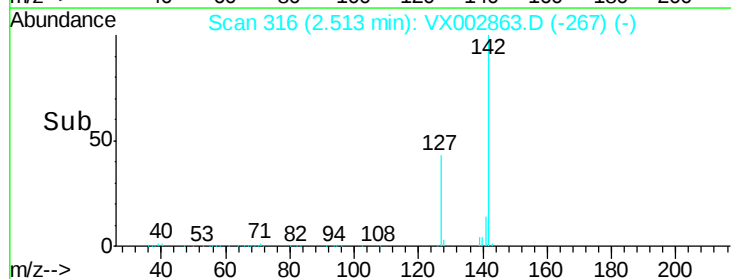
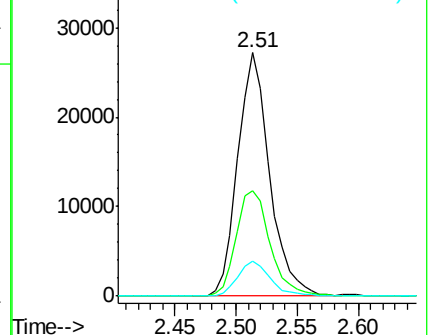
141 14.6 11.3 16.9

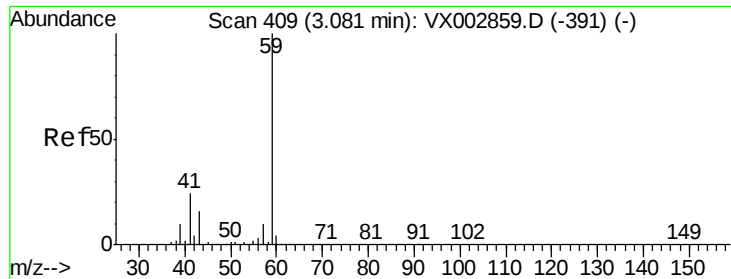


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

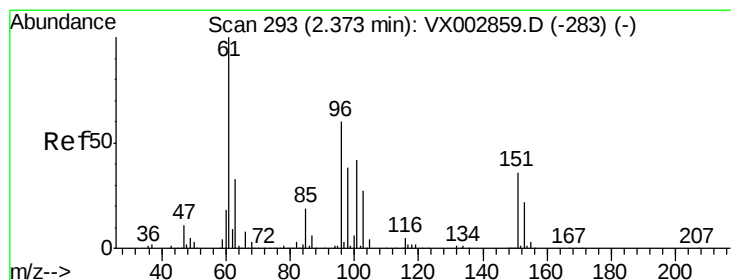
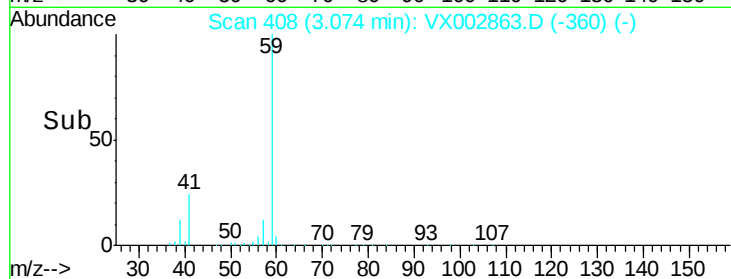
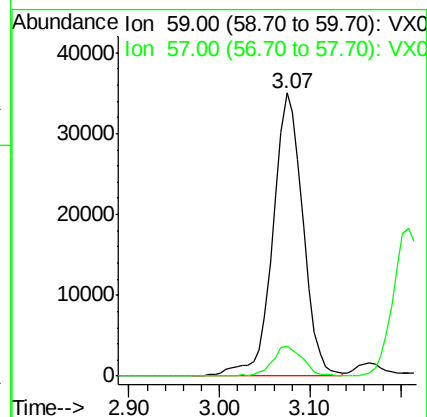
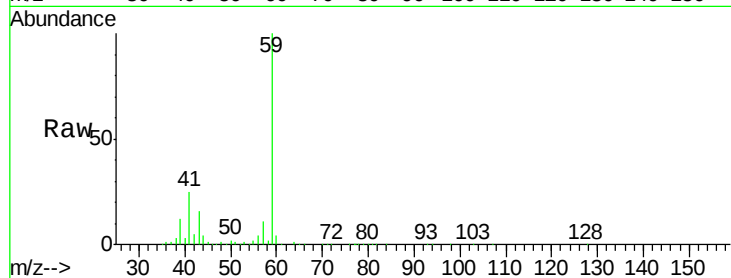




#11
Tert butyl alcohol
Concen: 104.935 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

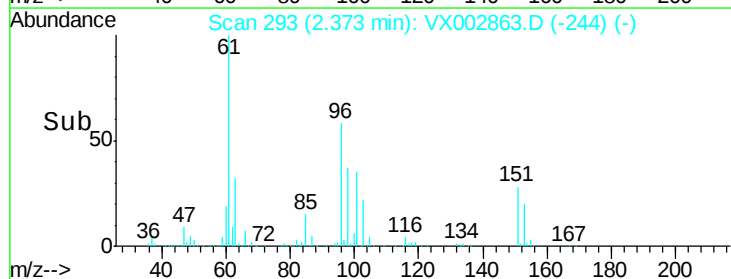
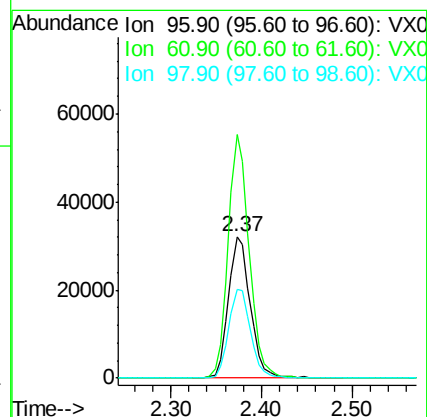
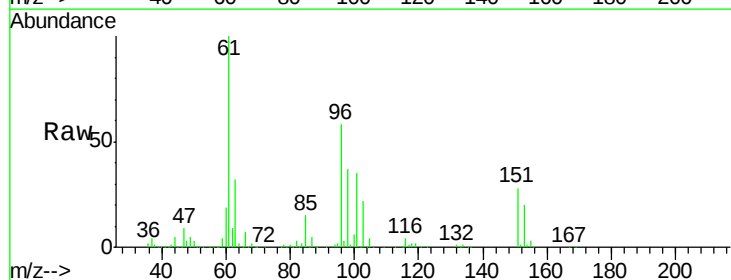
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

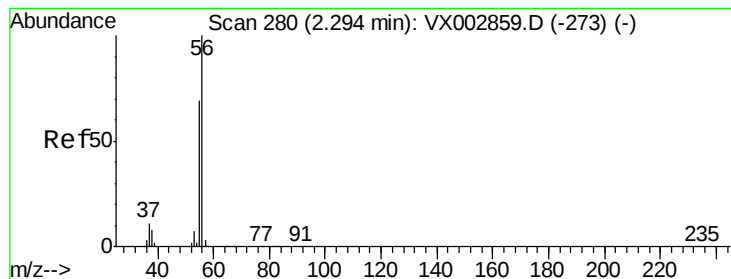
Tgt Ion: 59 Resp: 80638
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.605 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 96 Resp: 53960
Ion Ratio Lower Upper
96 100
61 172.4 137.9 206.9
98 63.2 51.6 77.4





#13

Acrolein

Concen: 105.116 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

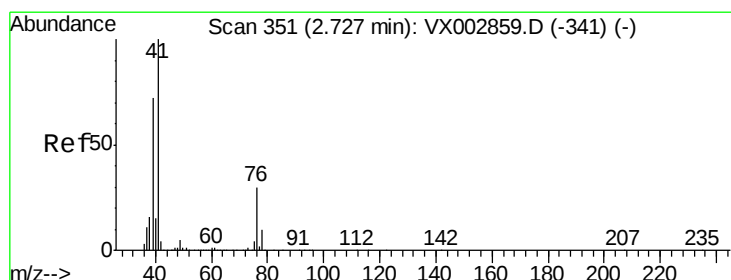
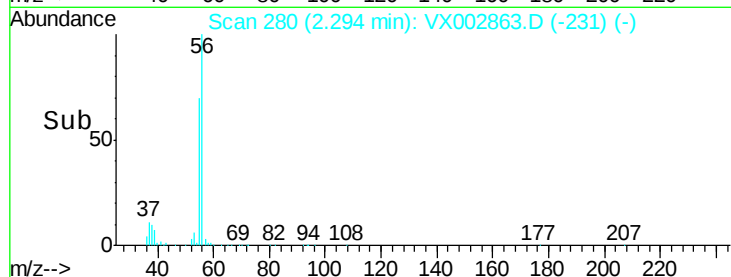
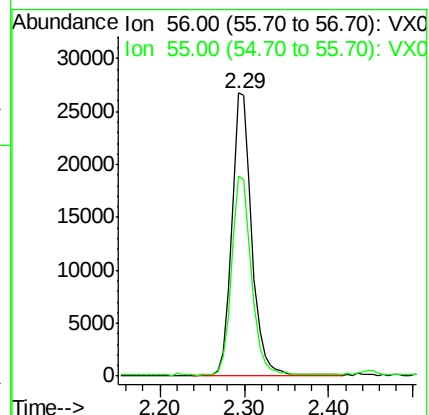
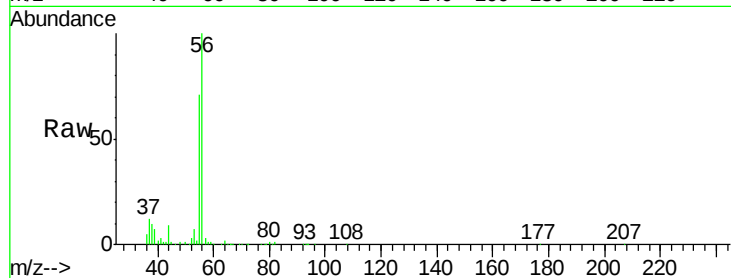
VSTDIC020

Tgt Ion: 56 Resp: 43720

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 19.696 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

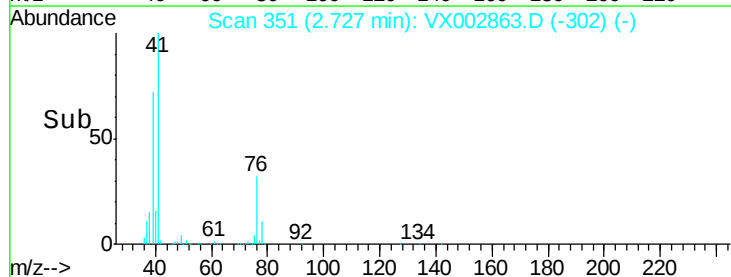
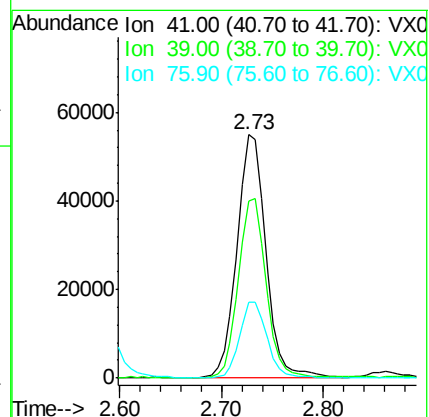
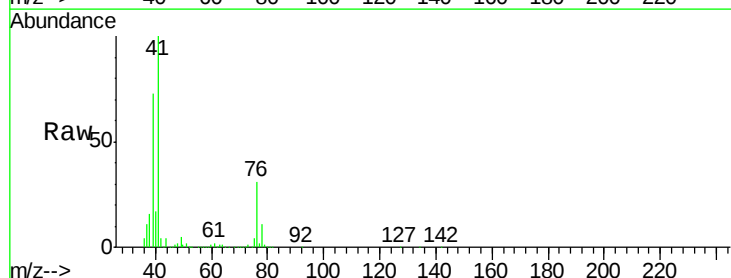
Tgt Ion: 41 Resp: 106864

Ion Ratio Lower Upper

41 100

39 70.8 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 100.879 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

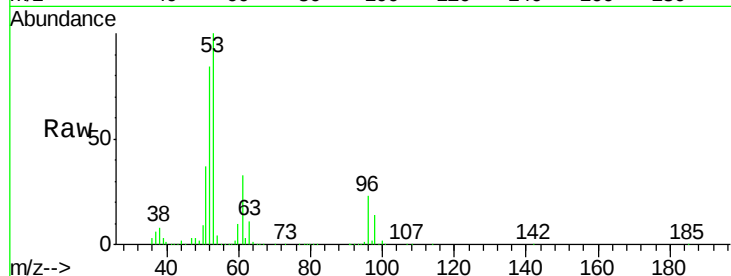
Tgt Ion: 53 Resp: 165580

Ion Ratio Lower Upper

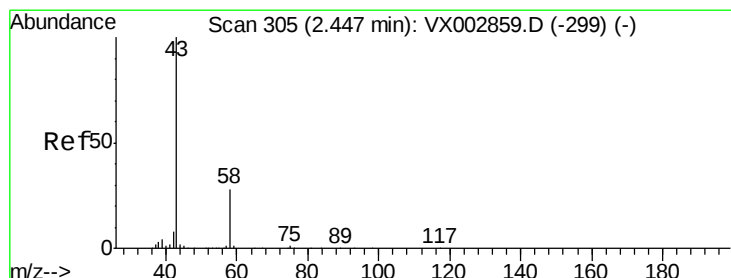
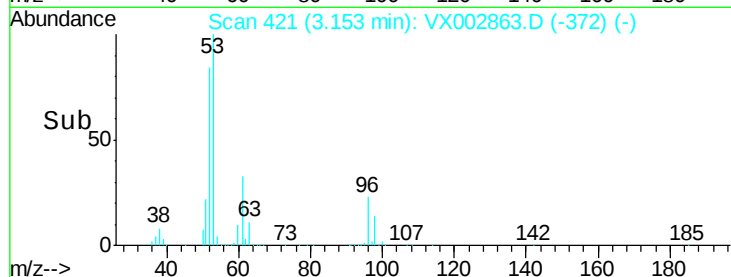
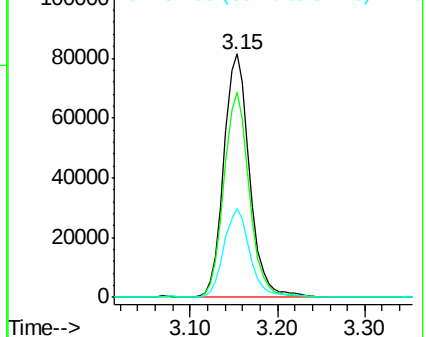
53 100

52 82.6 66.7 100.1

51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.858 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002863.D

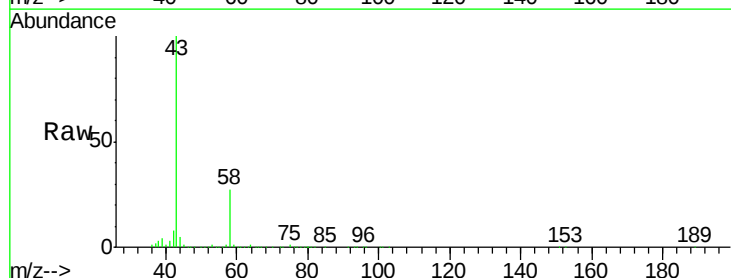
Acq: 25 Jun 2018 14:00

Tgt Ion: 43 Resp: 164317

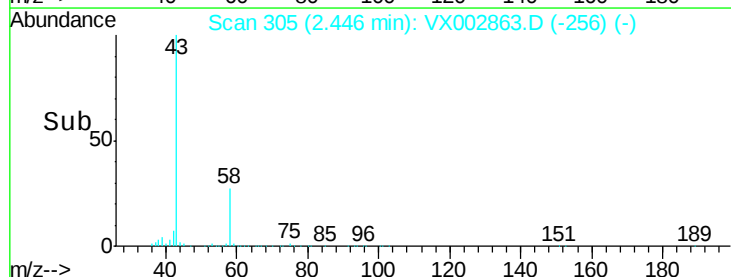
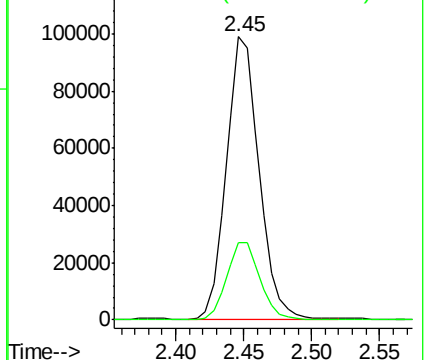
Ion Ratio Lower Upper

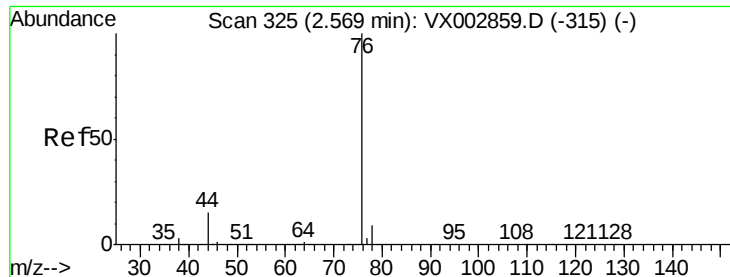
43 100

58 27.3 22.1 33.1



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

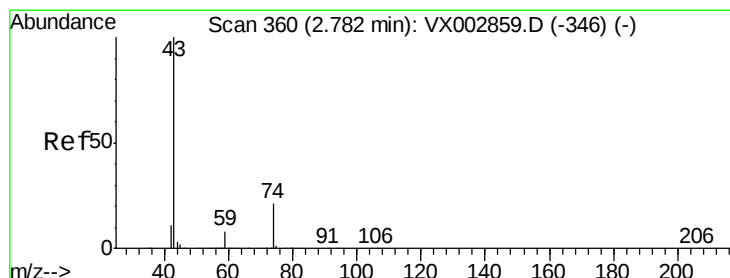
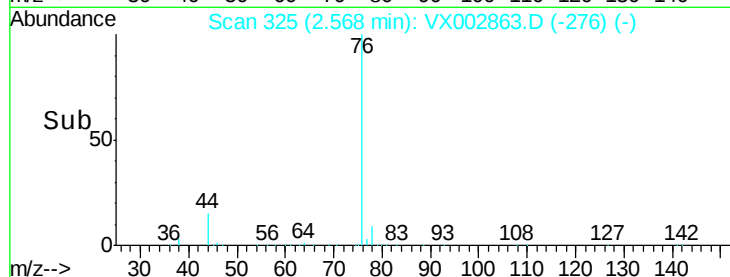
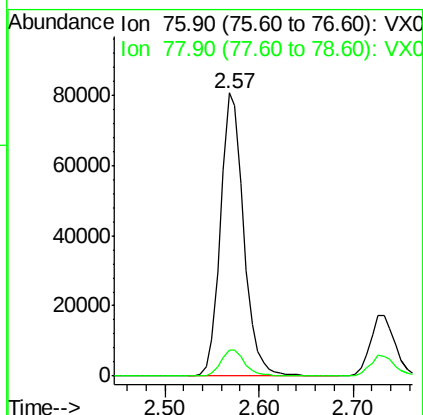
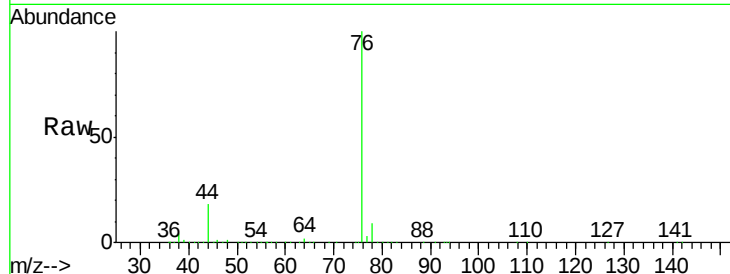




#17
Carbon Disulfide
Concen: 18.801 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

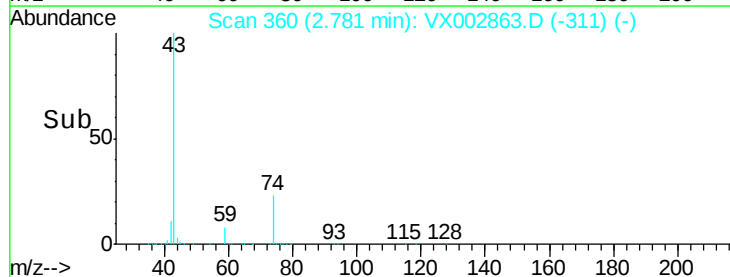
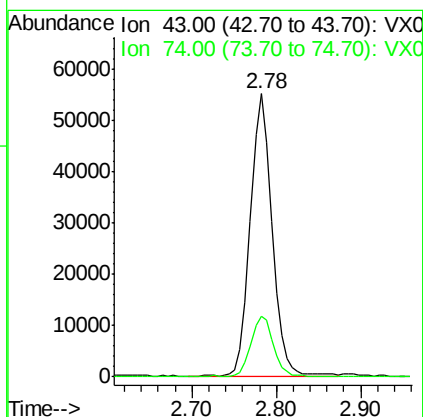
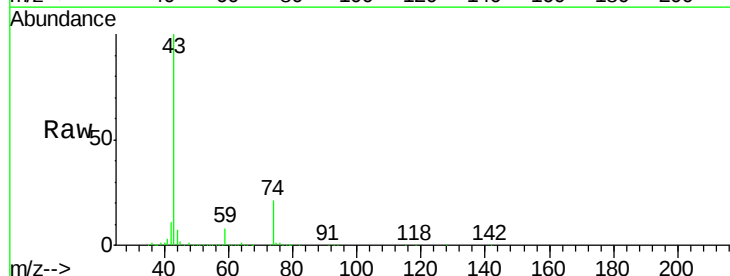
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

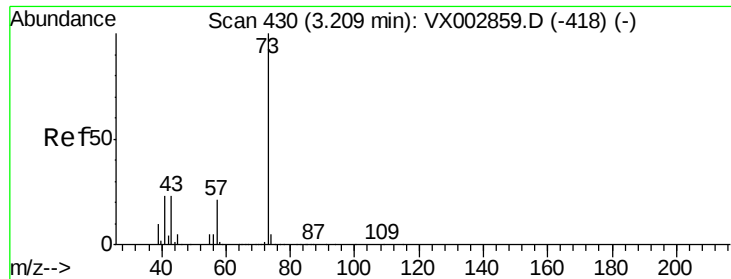
Tgt Ion: 76 Resp: 137881
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 21.601 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 43 Resp: 96478
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

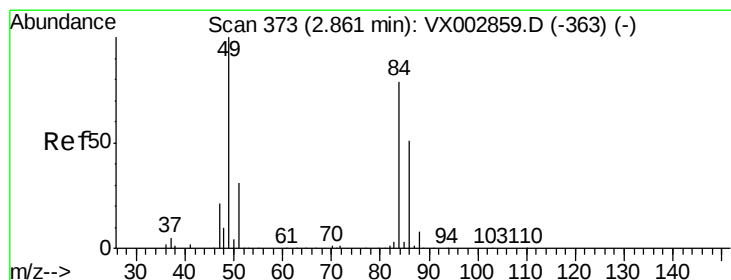
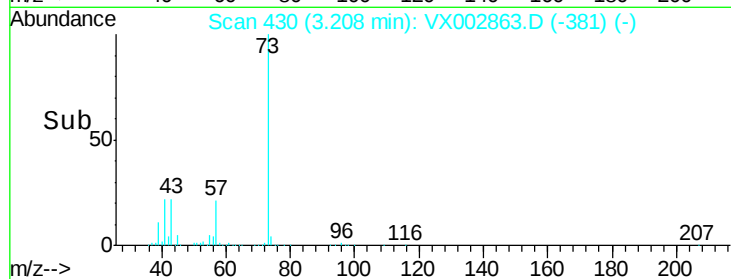
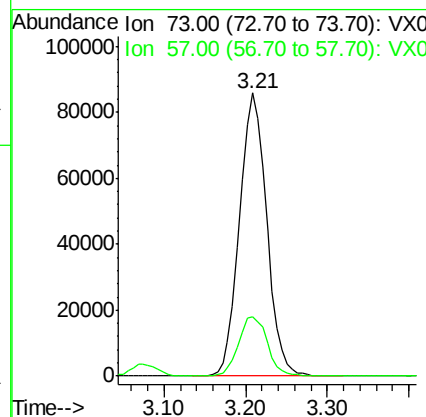
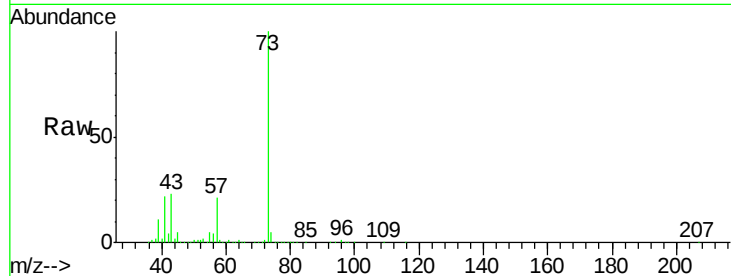




#19
Methyl tert-butyl Ether
Concen: 20.002 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

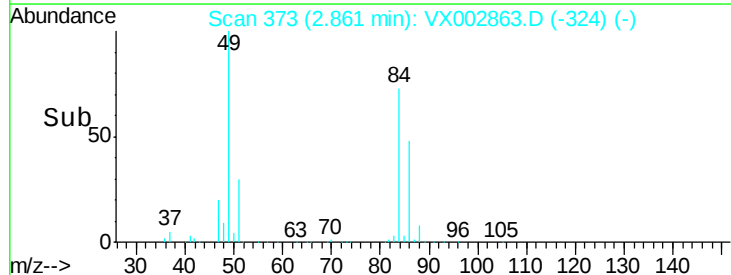
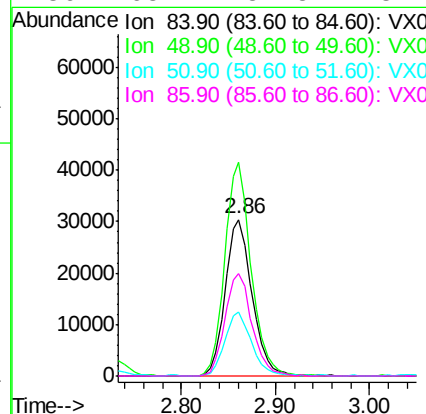
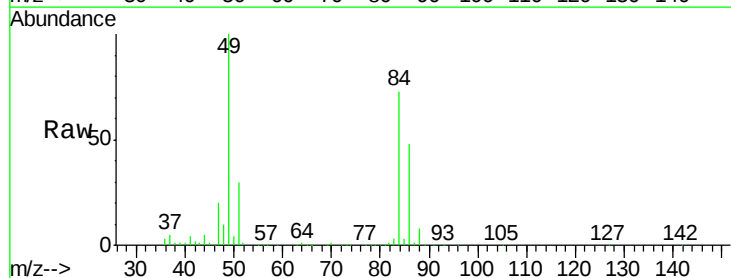
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

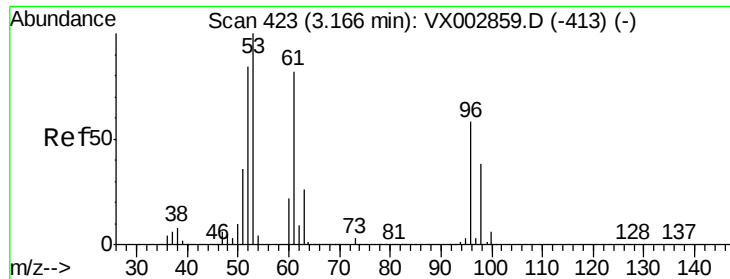
Tgt Ion: 73 Resp: 197916
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 19.345 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 84 Resp: 60138
Ion Ratio Lower Upper
84 100
49 136.0 107.8 161.6
51 40.4 32.8 49.2
86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.387 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

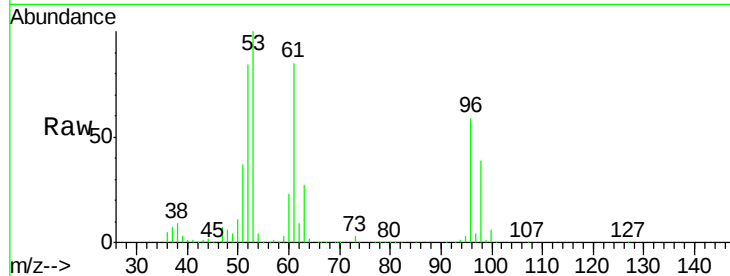
Tgt Ion: 96 Resp: 58119

Ion Ratio Lower Upper

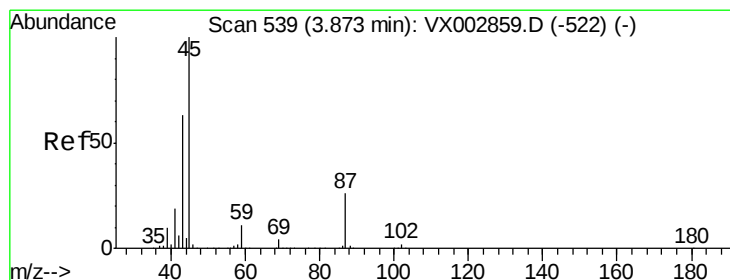
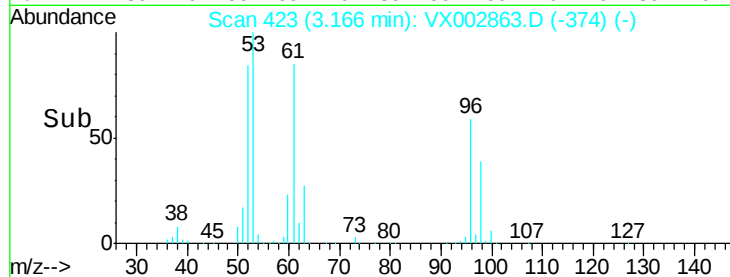
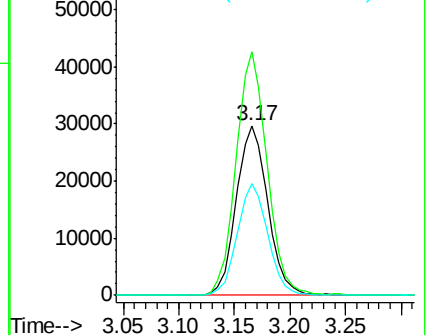
96 100

61 143.3 117.0 175.4

98 66.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.781 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Tgt Ion: 45 Resp: 205152

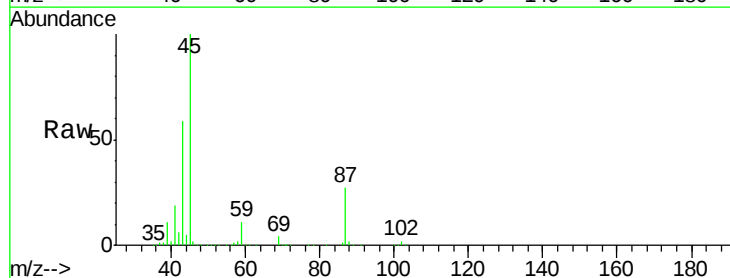
Ion Ratio Lower Upper

45 100

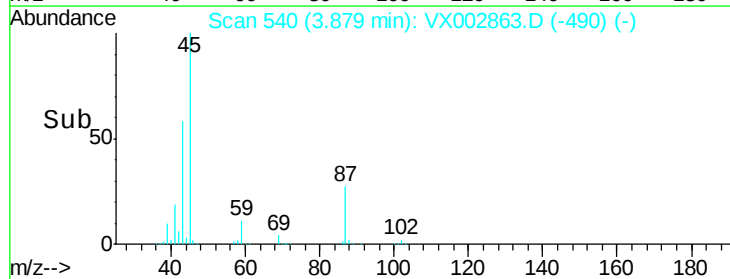
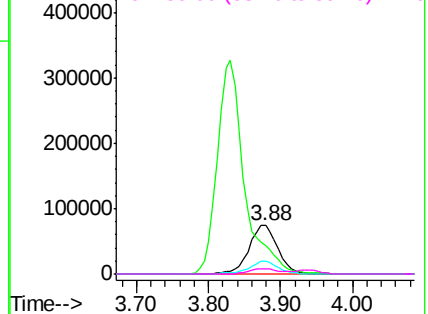
43 58.0 46.8 70.2

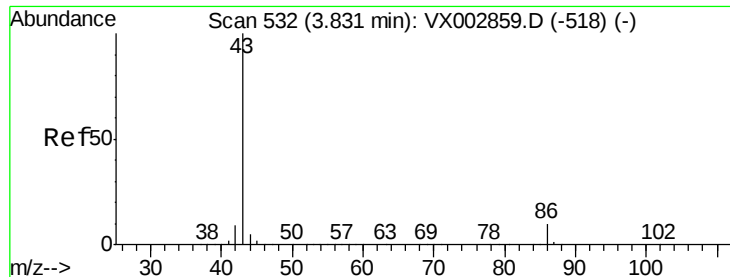
87 27.3 20.2 30.4

59 11.4 8.7 13.1



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





#23

Vinyl Acetate

Concen: 97.636 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

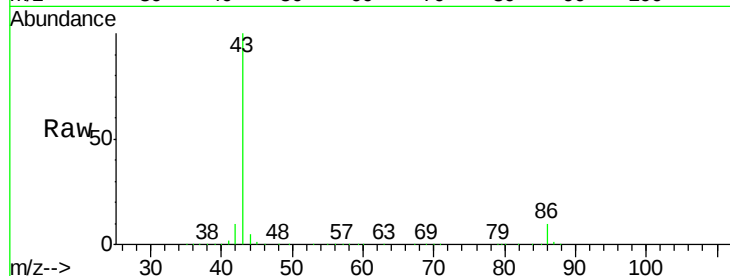
VSTDIC020

Tgt Ion: 43 Resp: 857435

Ion Ratio Lower Upper

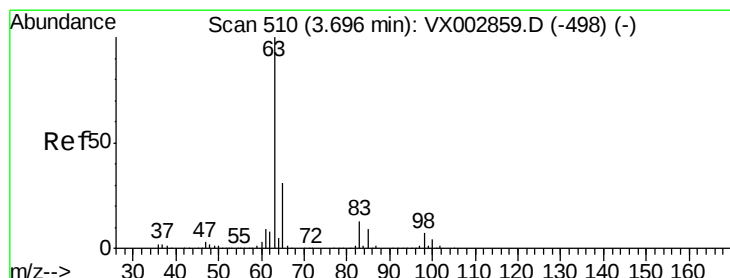
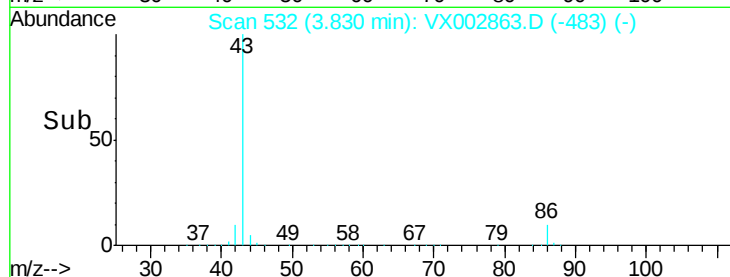
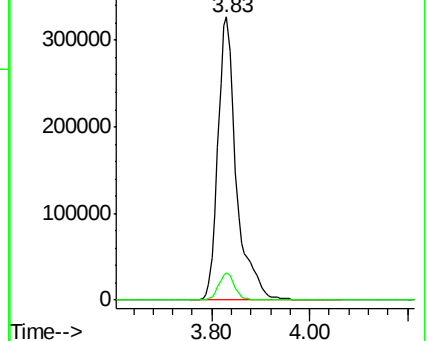
43 100

86 9.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.708 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

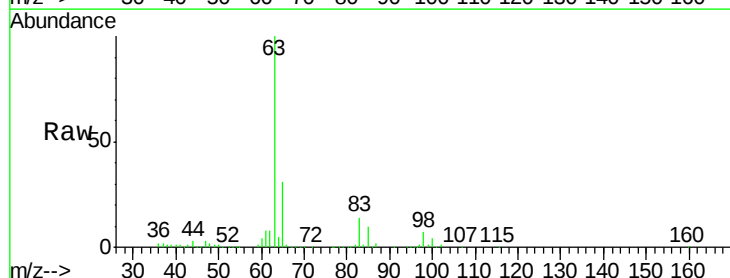
Tgt Ion: 63 Resp: 111095

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

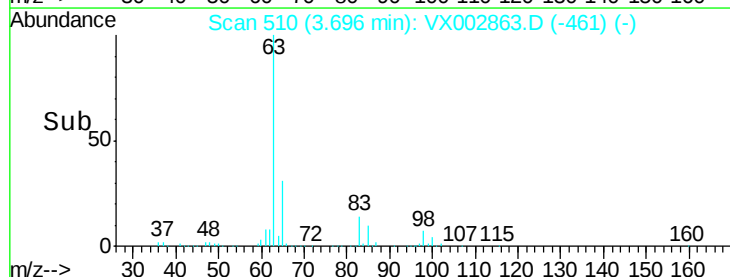
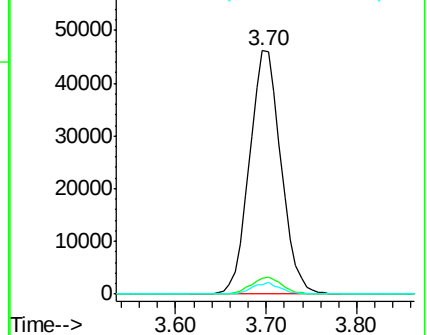
100 4.0 2.0 6.0

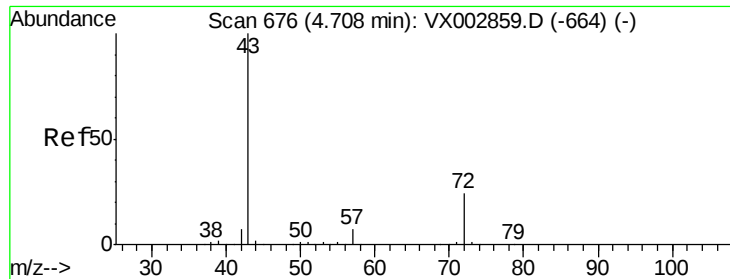


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.934 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

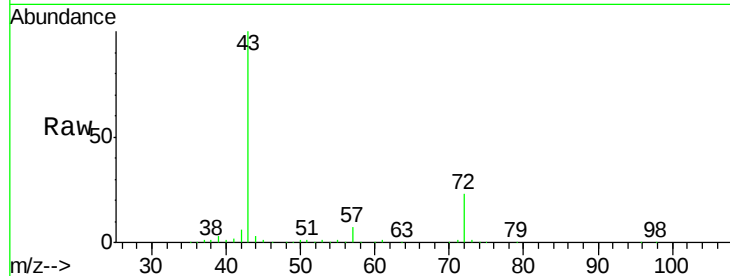
VSTDIC020

Tgt Ion: 43 Resp: 241671

Ion Ratio Lower Upper

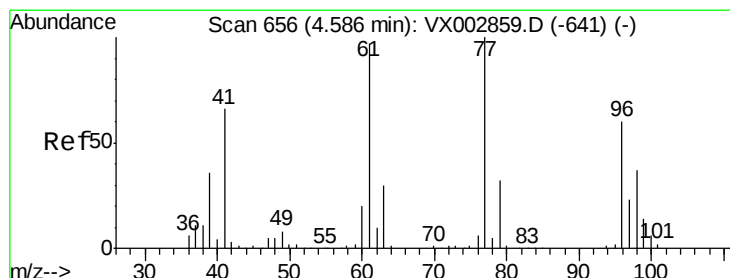
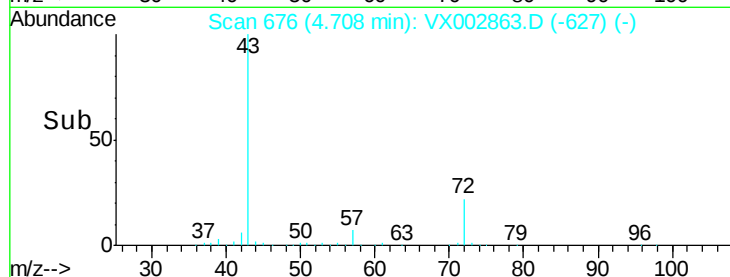
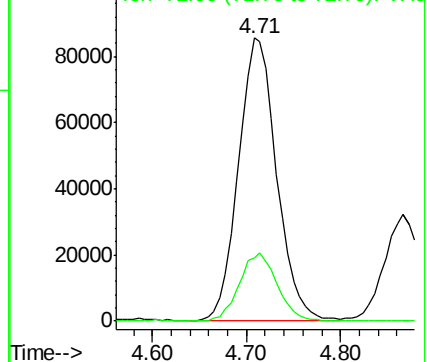
43 100

72 22.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.492 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002863.D

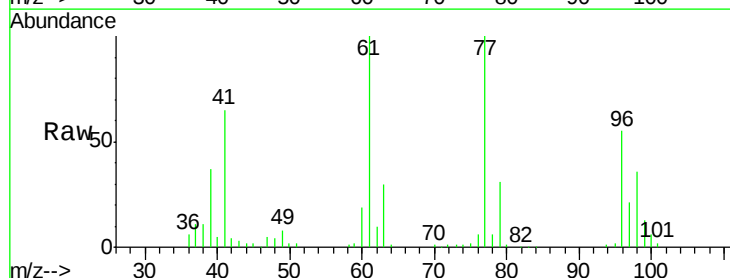
Acq: 25 Jun 2018 14:00

Tgt Ion: 77 Resp: 89342

Ion Ratio Lower Upper

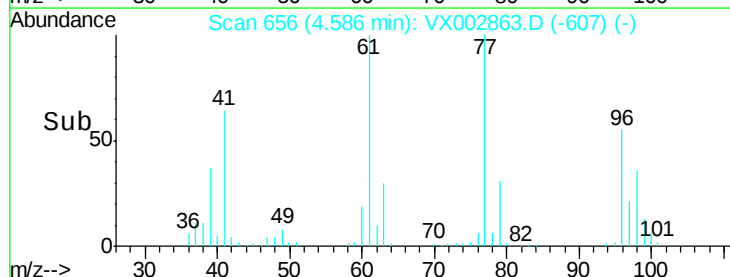
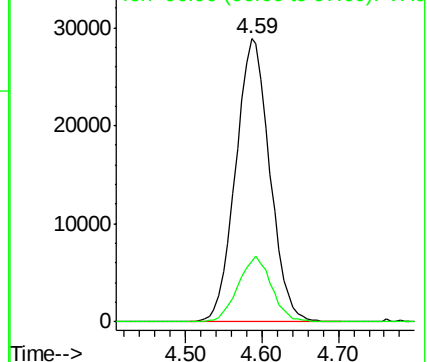
77 100

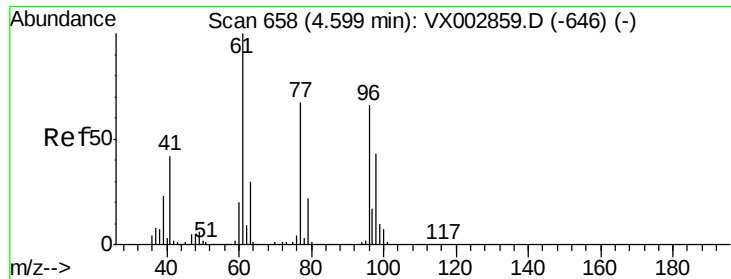
97 22.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



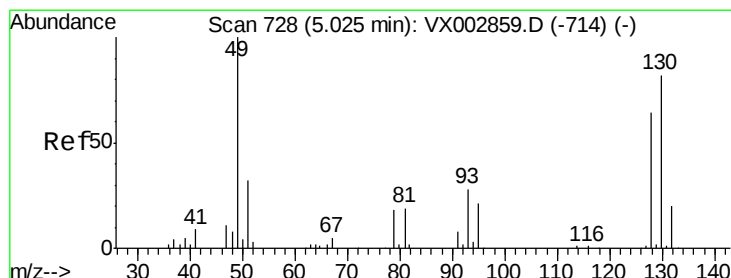
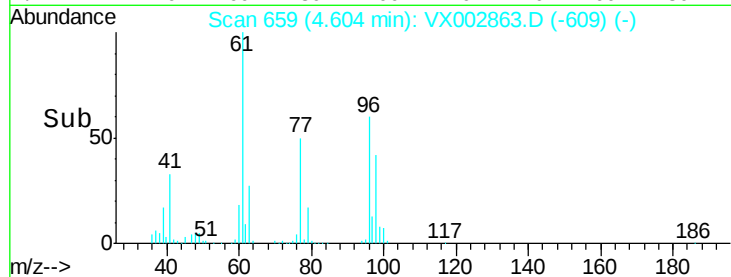
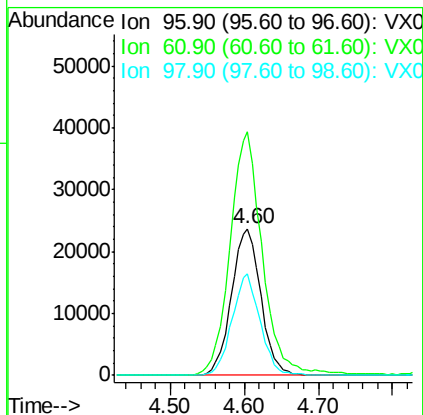
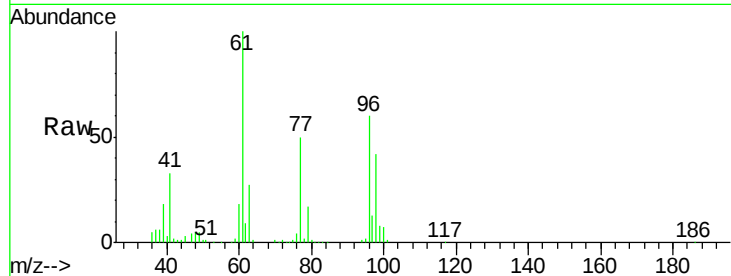


#27

cis-1,2-Dichloroethene
 Concen: 19.569 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

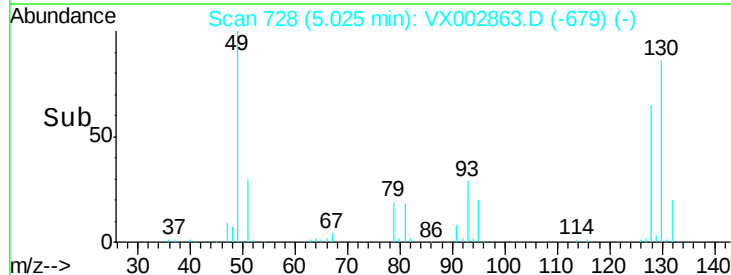
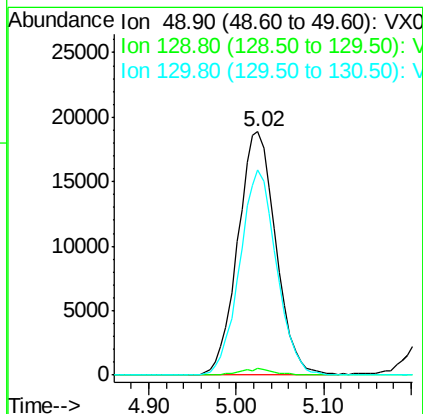
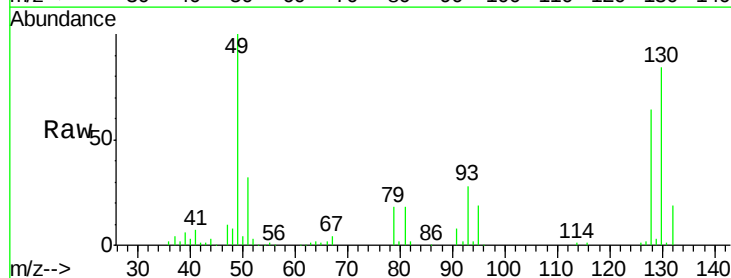
Tgt Ion: 96 Resp: 65775
 Ion Ratio Lower Upper
 96 100
 61 182.1 0.0 330.2
 98 65.6 0.0 130.2

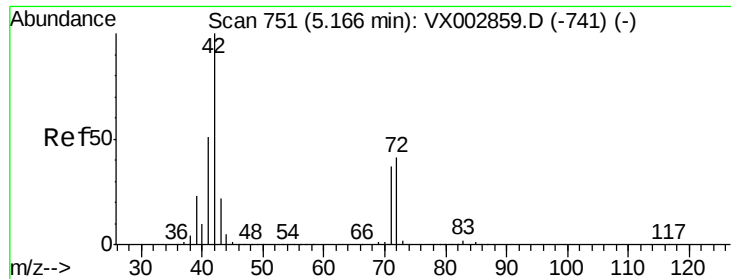


#28

Bromochloromethane
 Concen: 21.119 ug/l
 RT: 5.02 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 49 Resp: 56981
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 81.5 61.2 91.8

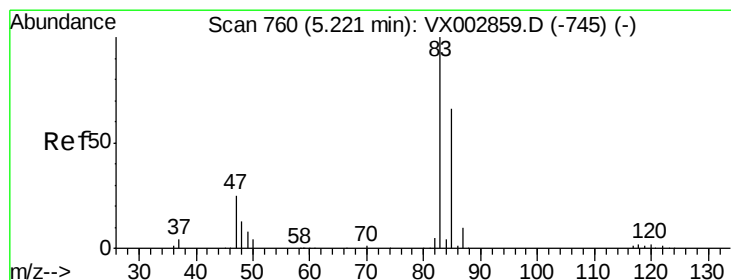
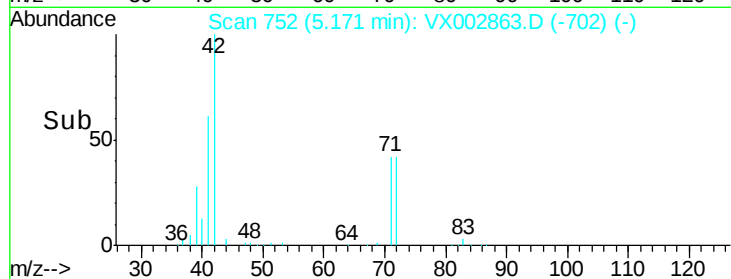
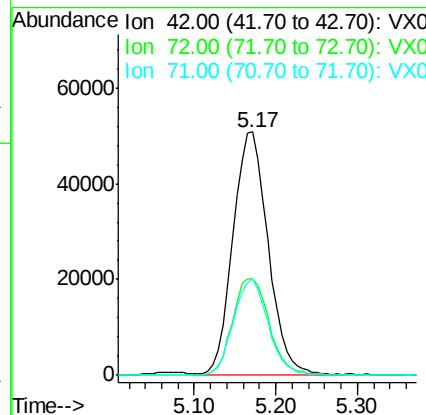
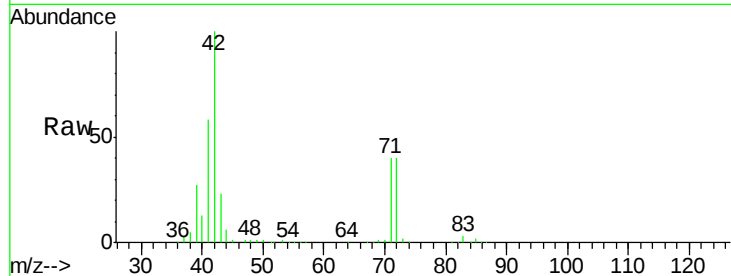




#29
Tetrahydrofuran
Concen: 99.106 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

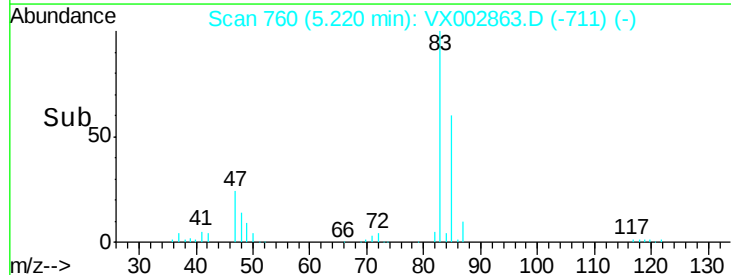
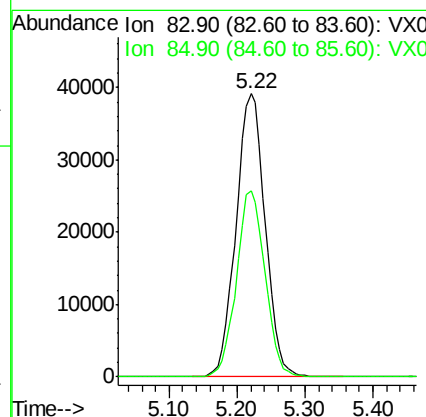
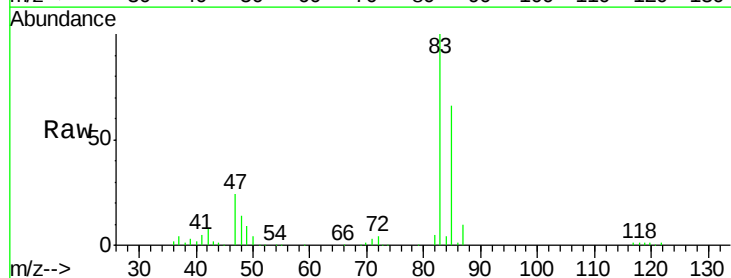
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

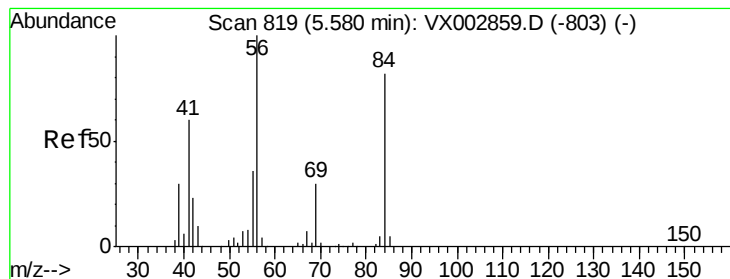
Tgt Ion: 42 Resp: 150678
Ion Ratio Lower Upper
42 100
72 42.0 32.0 48.0
71 39.3 30.1 45.1



#30
Chloroform
Concen: 20.092 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 83 Resp: 116230
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 19.575 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

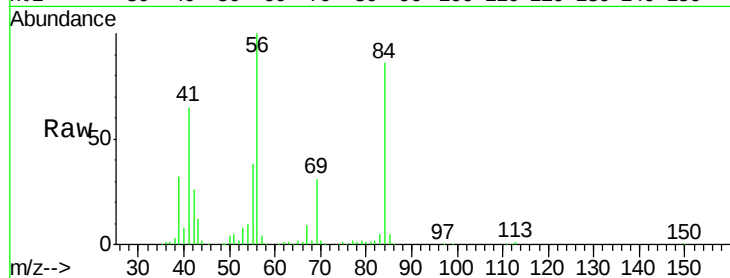
Tgt Ion: 56 Resp: 94697

Ion Ratio Lower Upper

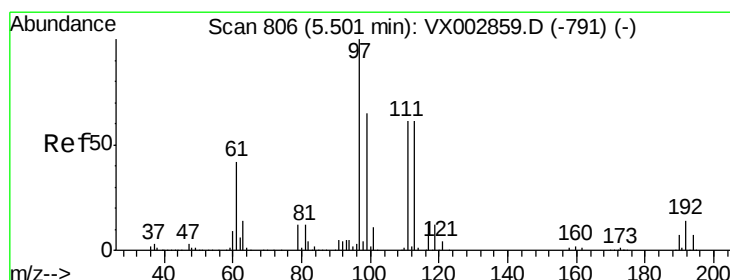
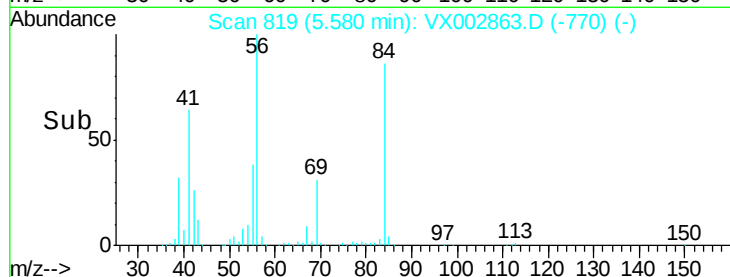
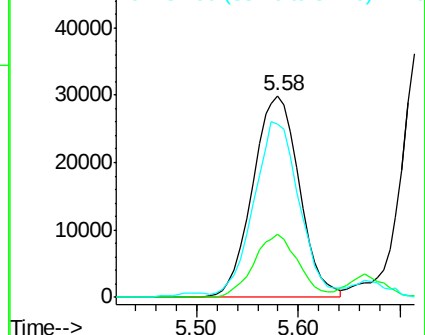
56 100

69 31.4 23.7 35.5

84 83.9 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.732 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

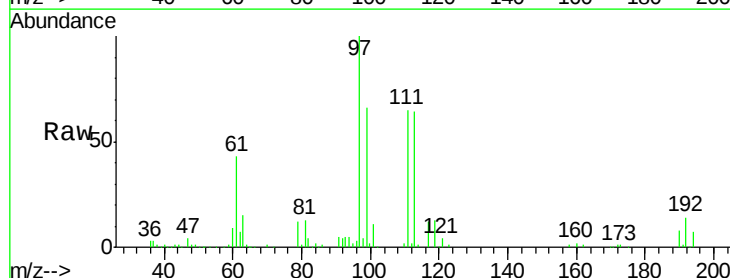
Tgt Ion: 97 Resp: 100434

Ion Ratio Lower Upper

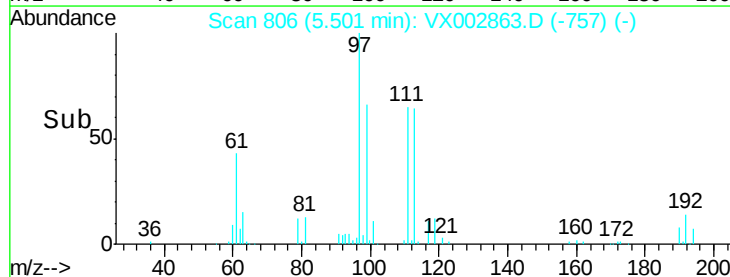
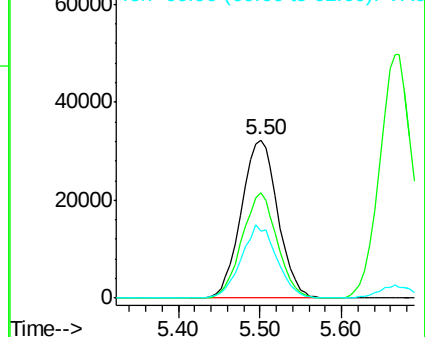
97 100

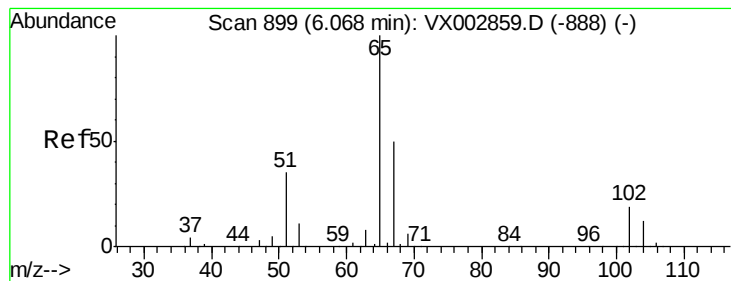
99 64.1 51.6 77.4

61 45.0 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 20.497 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

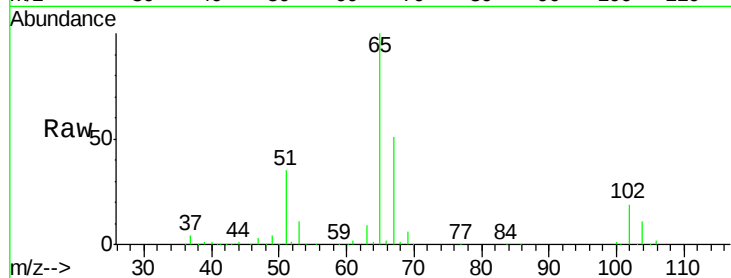
VSTDIC020

Tgt Ion: 65 Resp: 79069

Ion Ratio Lower Upper

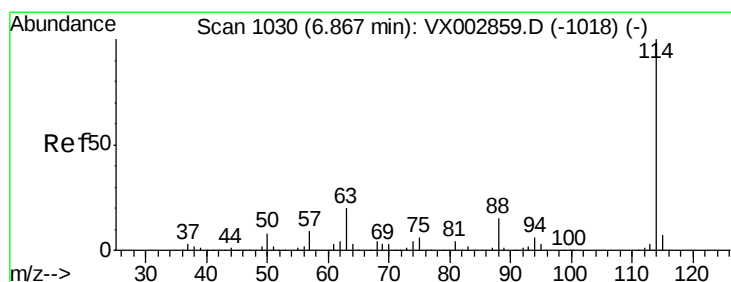
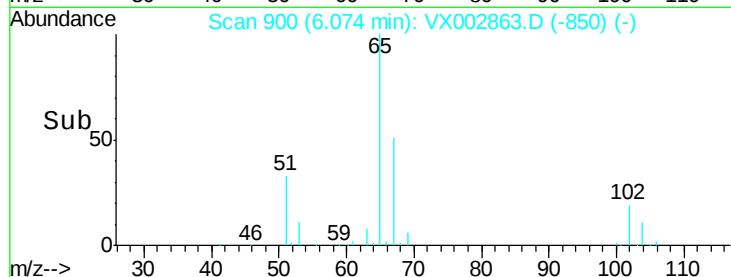
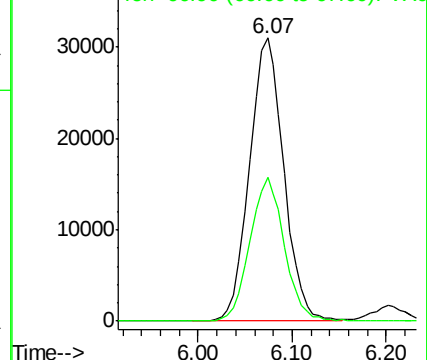
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

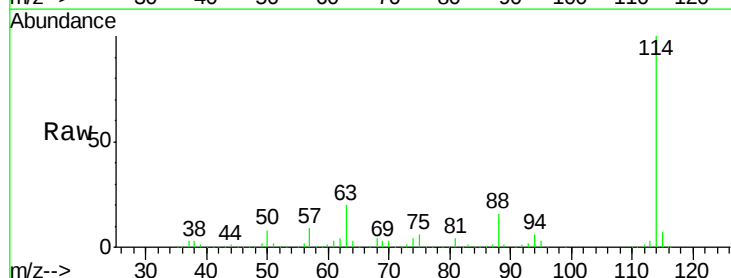
Tgt Ion: 114 Resp: 384843

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

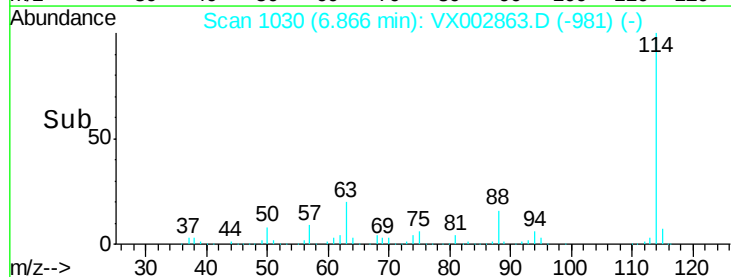
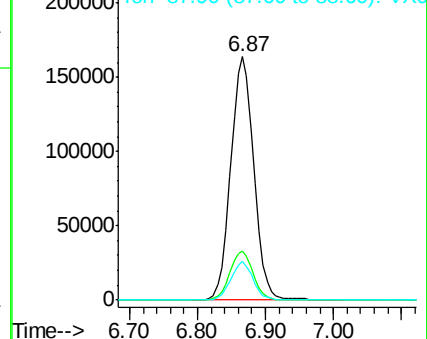
88 15.8 0.0 30.0

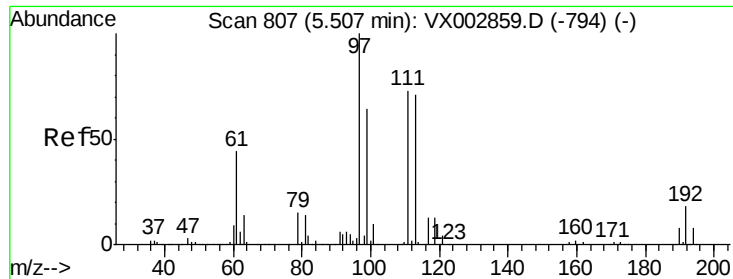


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

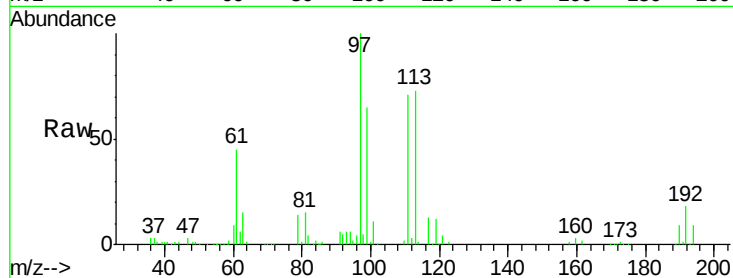




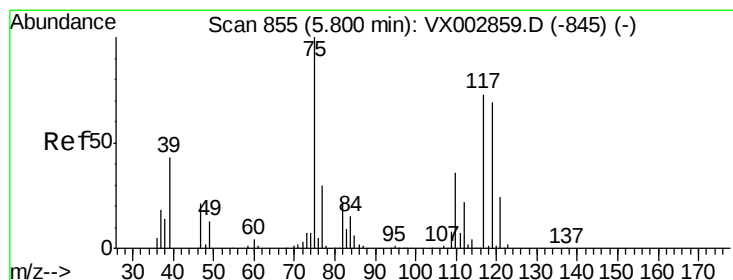
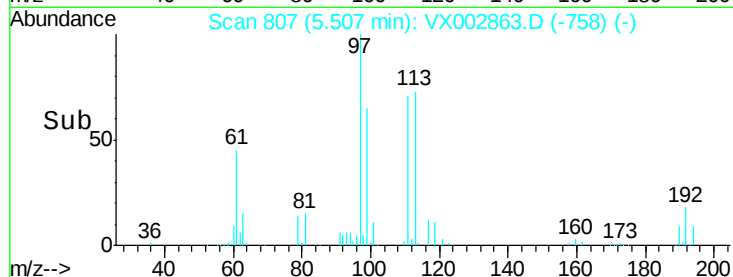
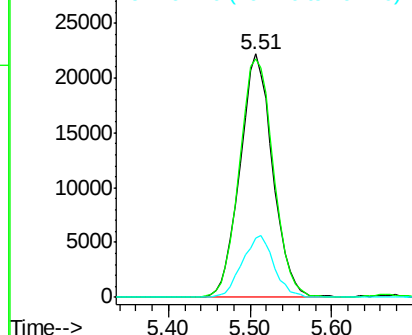
#35
 Dibromofluoromethane
 Concen: 20.243 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:113 Resp: 61693
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 24.7 19.1 28.7

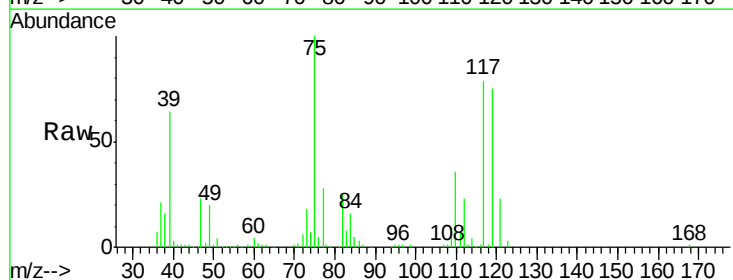


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

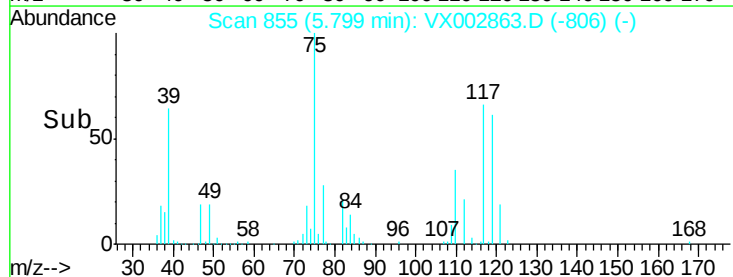
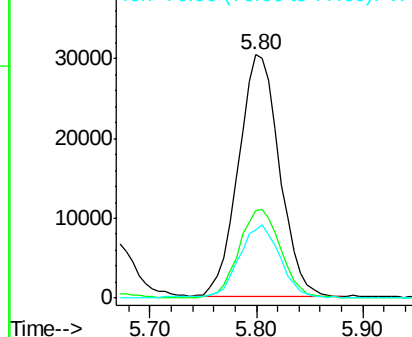


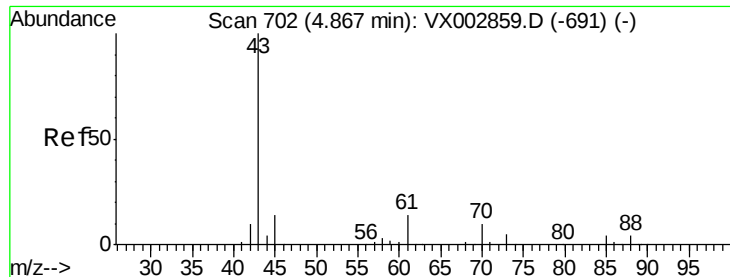
#36
 1,1-Dichloropropene
 Concen: 19.412 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 75 Resp: 81925
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.1 54.4
 77 30.8 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

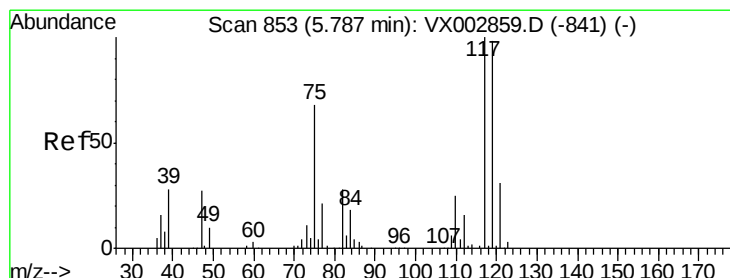
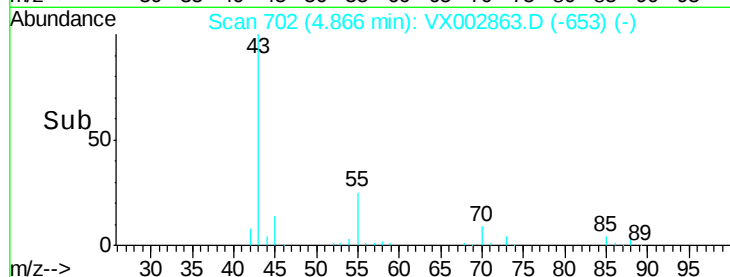
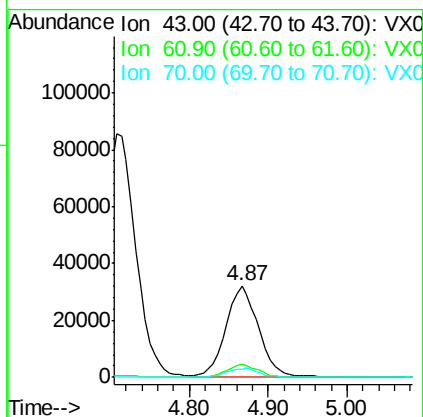
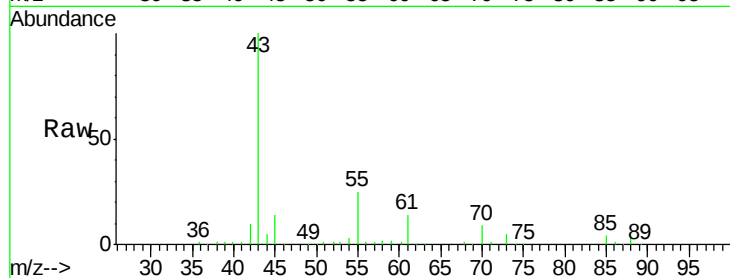




#37
Ethyl Acetate
Concen: 20.215 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

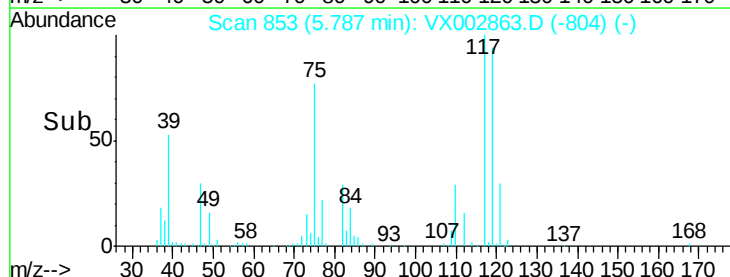
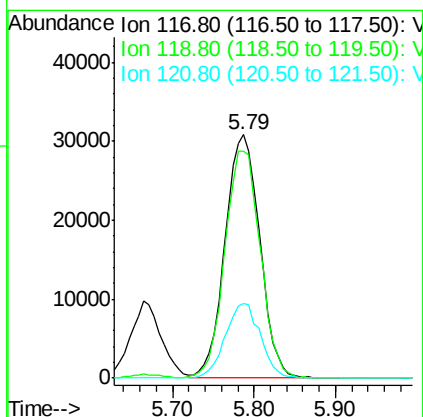
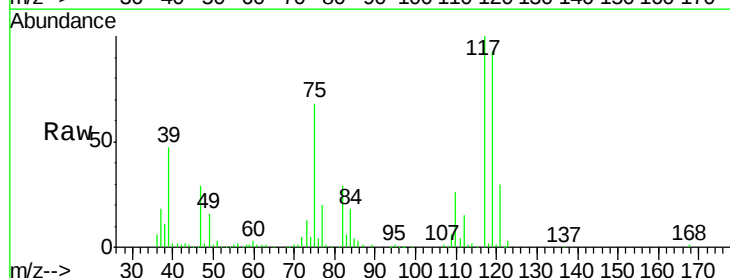
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

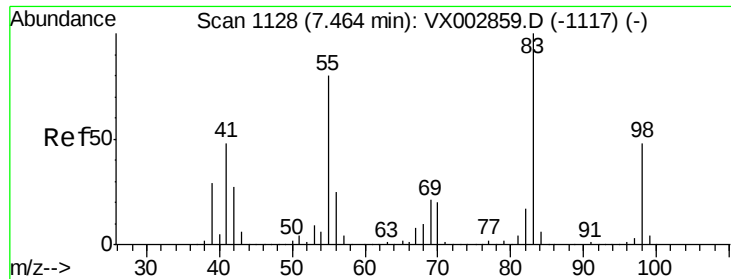
Tgt Ion: 43 Resp: 91859
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.625 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 117 Resp: 90891
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.0
121 30.5 24.4 36.6

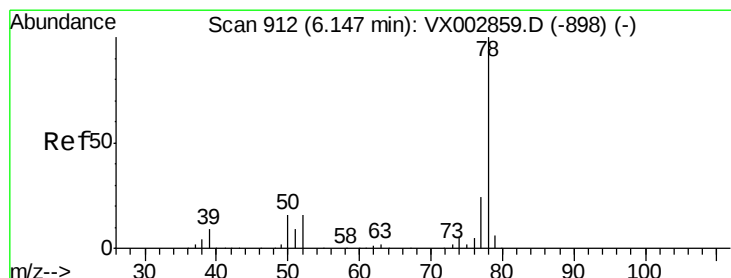
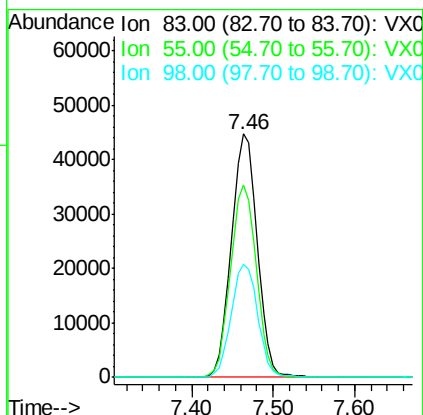
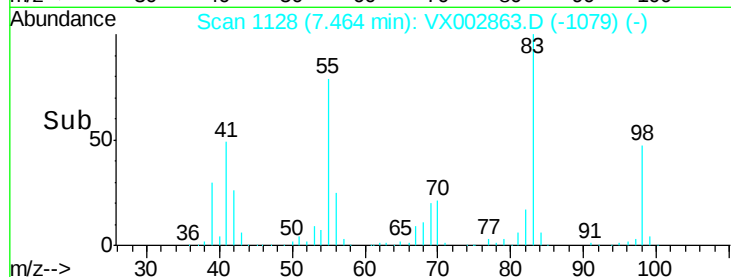
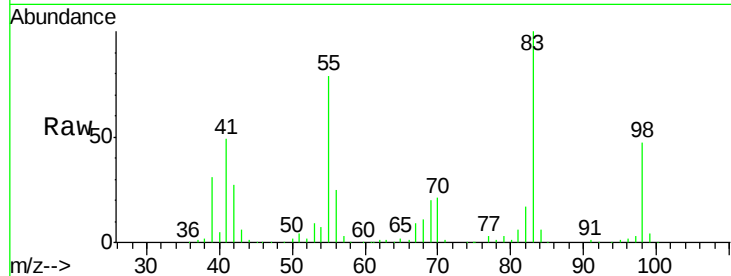




#39
Methylcyclohexane
Concen: 19.859 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

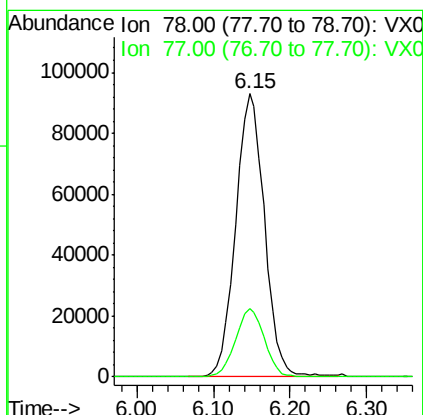
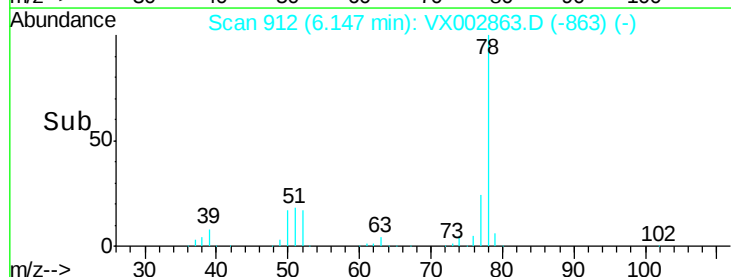
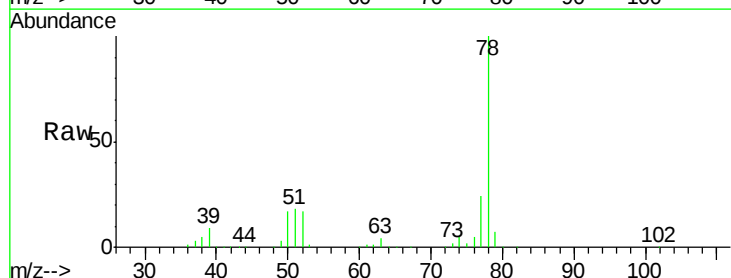
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

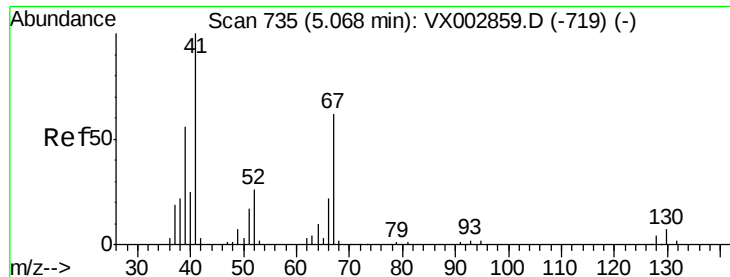
Tgt Ion: 83 Resp: 97623
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 46.6 37.4 56.0



#40
Benzene
Concen: 19.809 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 78 Resp: 242909
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

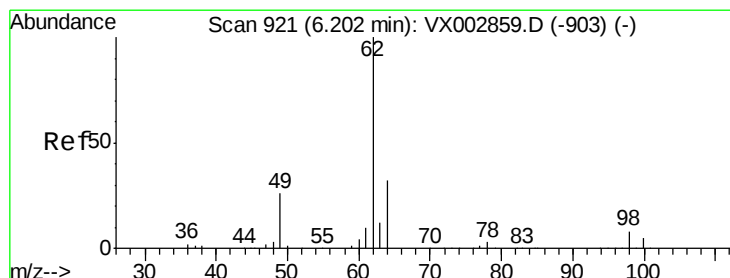
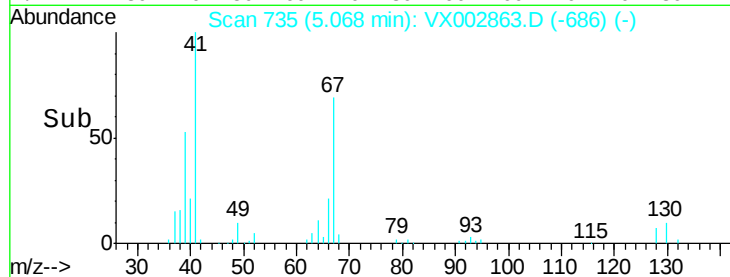
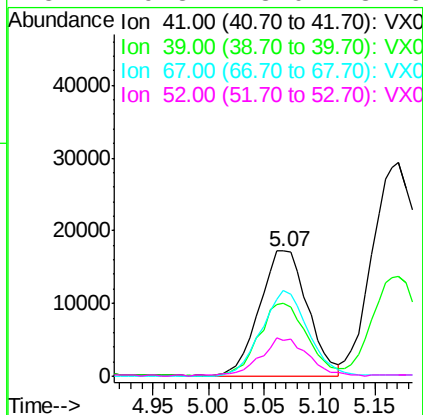
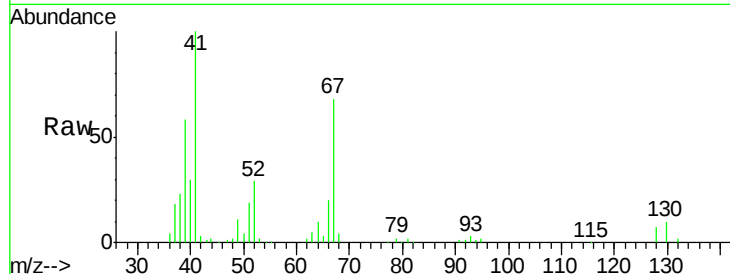




#41
Methacrylonitrile
Concen: 19.742 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

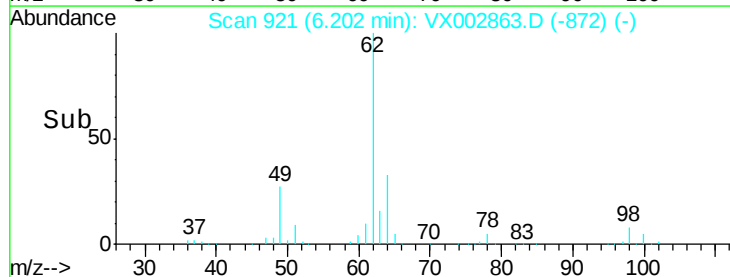
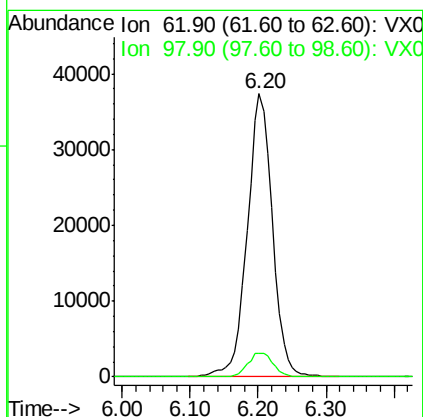
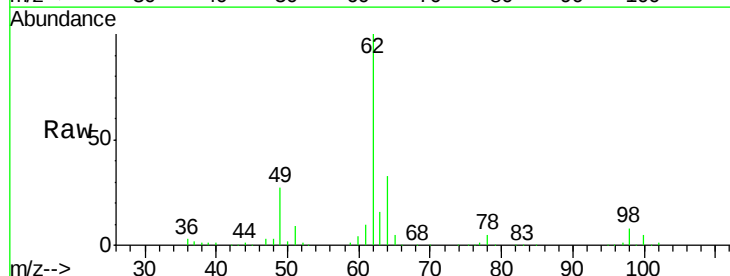
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

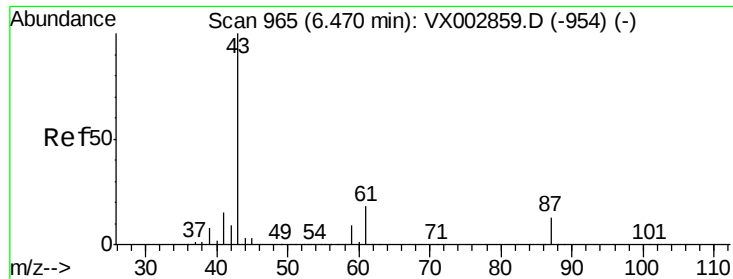
Tgt Ion:	41	Resp:	51657
Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.8	68.6
67	67.0	51.3	76.9
52	29.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.493 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion:	62	Resp:	96557
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.505 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

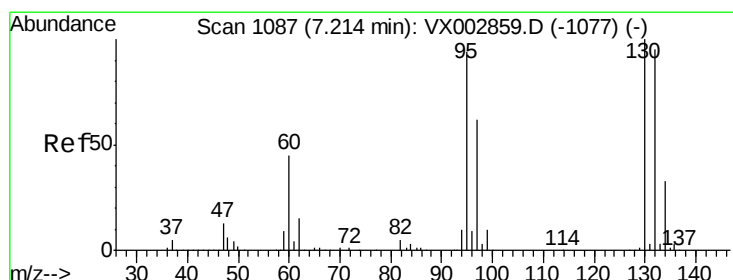
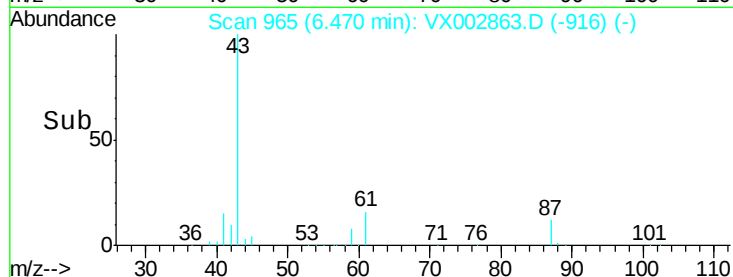
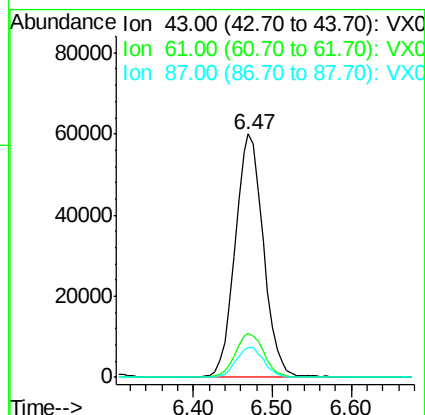
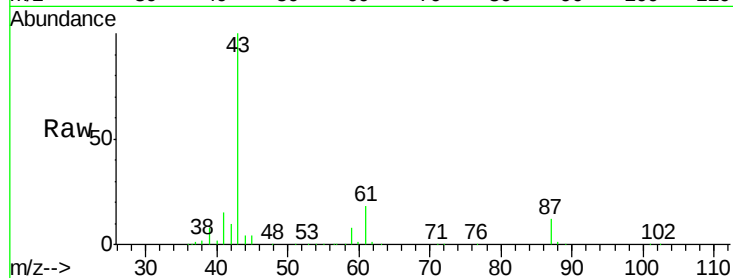
Tgt Ion: 43 Resp: 148642

Ion Ratio Lower Upper

43 100

61 18.5 14.4 21.6

87 12.2 9.5 14.3



#44

Trichloroethene

Concen: 19.873 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002863.D

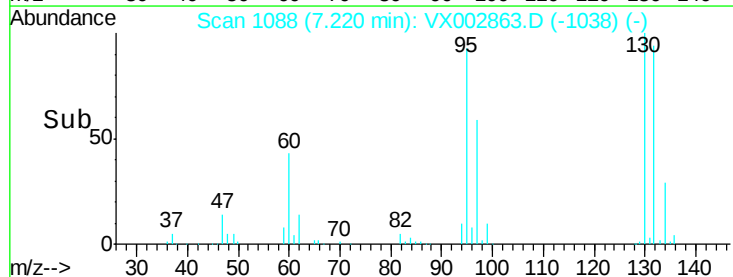
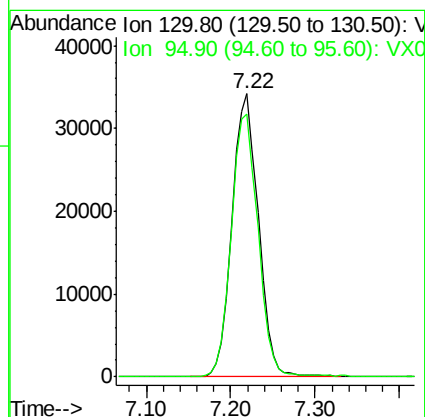
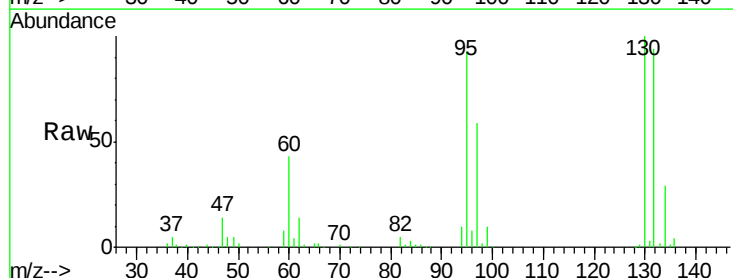
Acq: 25 Jun 2018 14:00

Tgt Ion: 130 Resp: 72653

Ion Ratio Lower Upper

130 100

95 93.1 0.0 185.4

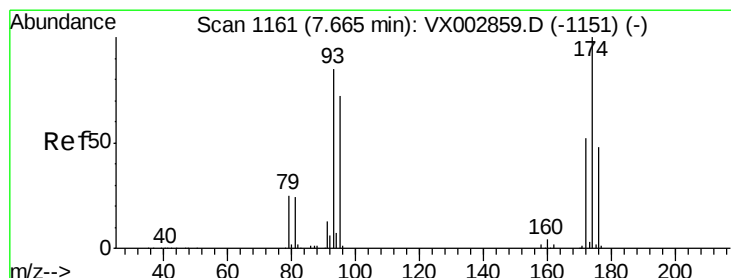
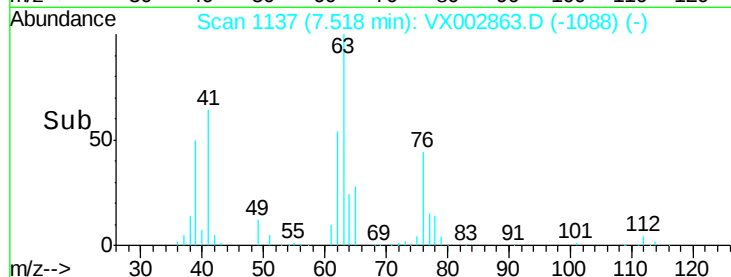
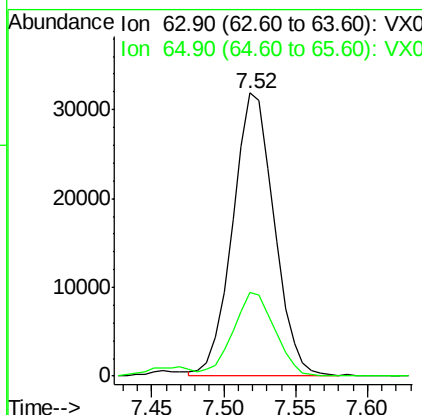
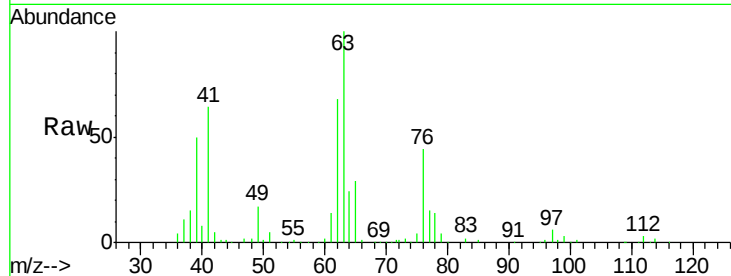




#45
 1,2-Dichloropropane
 Concen: 19.549 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

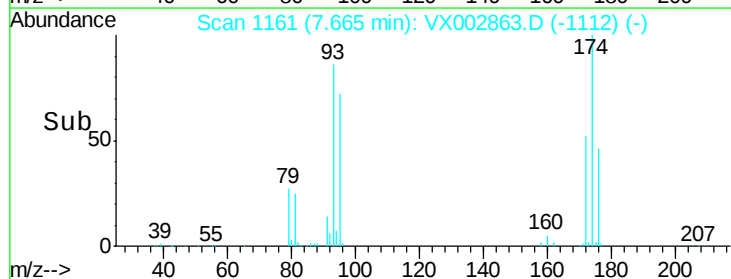
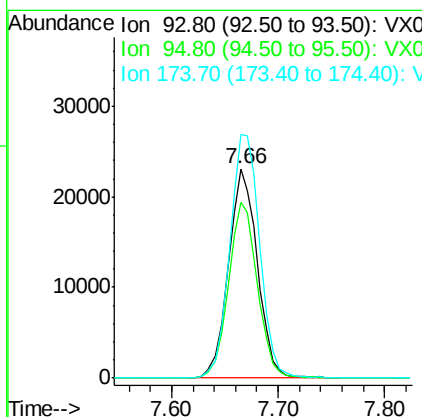
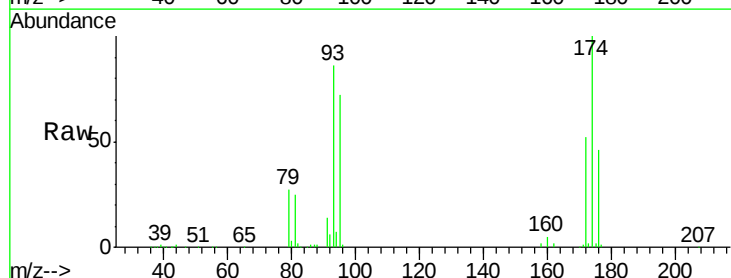
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 63 Resp: 63587
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.7 37.1



#46
 Dibromomethane
 Concen: 19.403 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 93 Resp: 43800
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 120.7 92.4 138.6





#47

Bromodichloromethane

Concen: 19.439 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

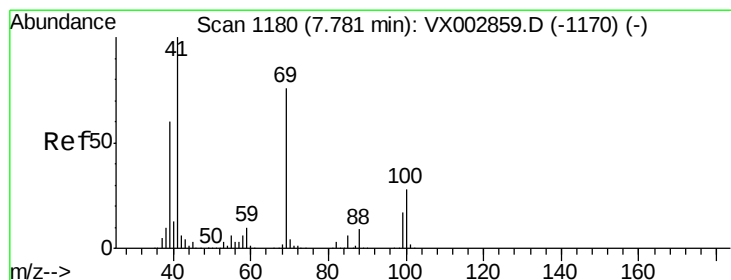
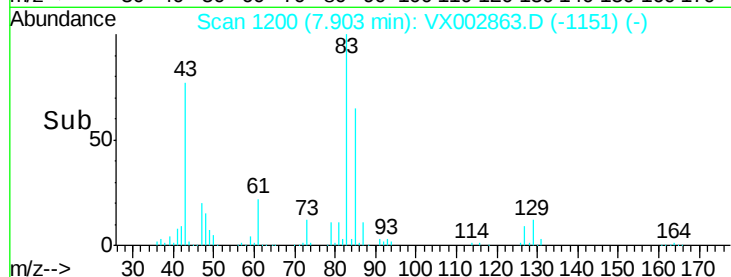
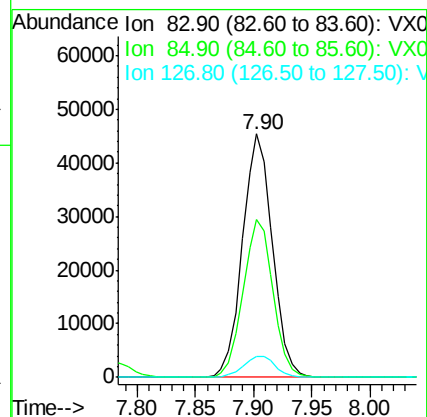
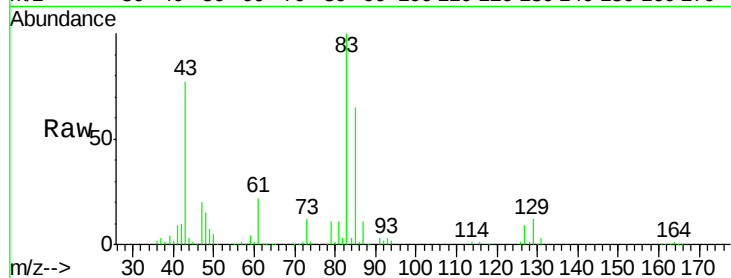
Tgt Ion: 83 Resp: 81120

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

127 8.8 7.0 10.4



#48

Methyl methacrylate

Concen: 19.990 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

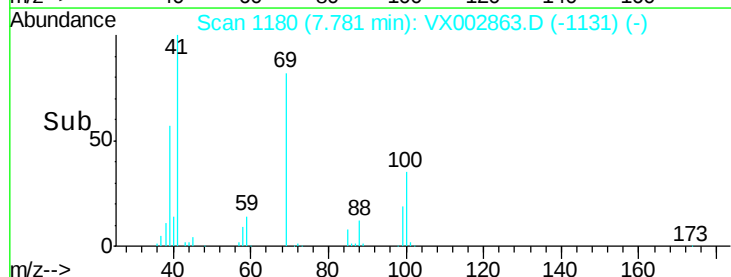
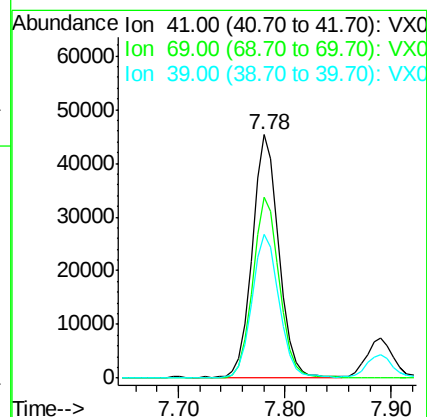
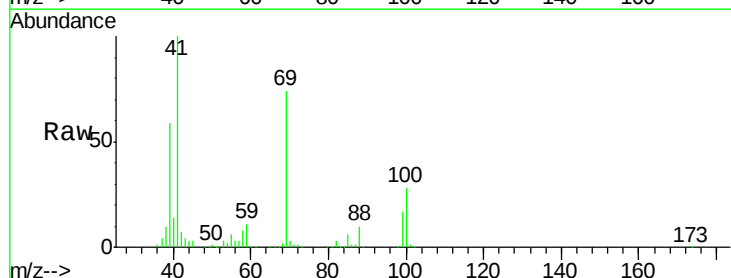
Tgt Ion: 41 Resp: 78496

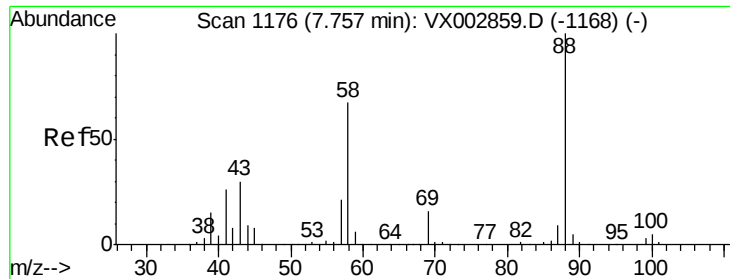
Ion Ratio Lower Upper

41 100

69 75.7 59.1 88.7

39 60.3 48.9 73.3

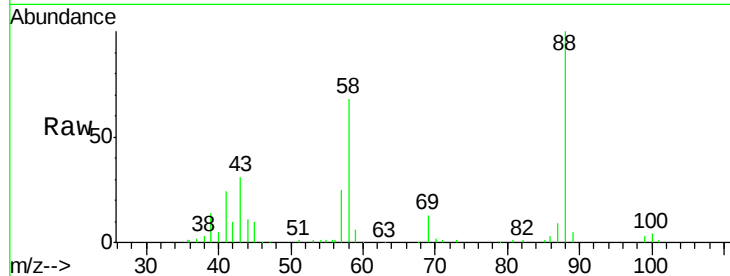




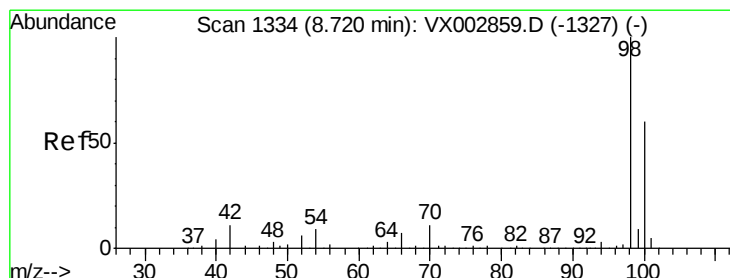
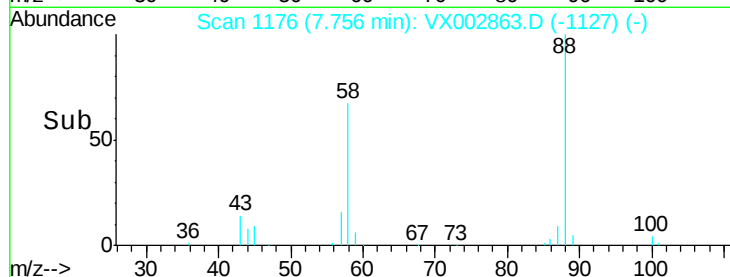
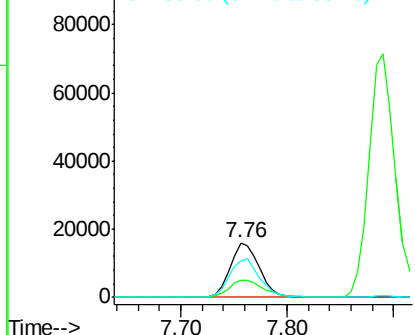
#49
1,4-Dioxane
Concen: 401.220 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 30652
Ion Ratio Lower Upper
88 100
43 36.6 29.8 44.6
58 72.9 57.1 85.7

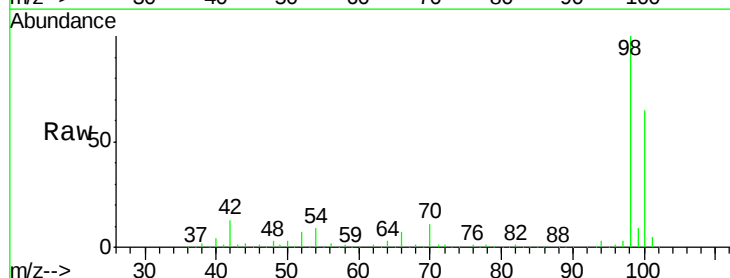


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

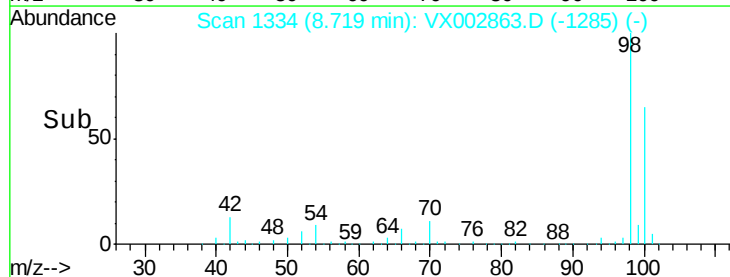
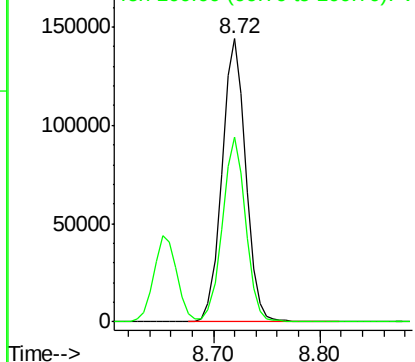


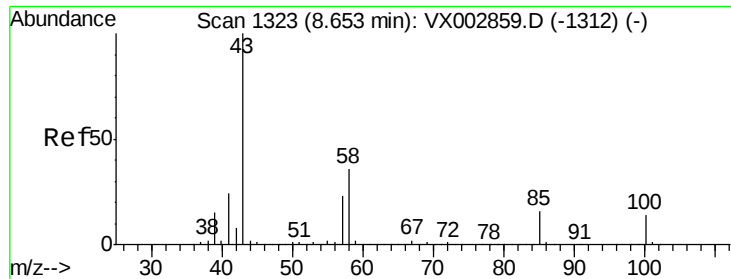
#50
Toluene-d8
Concen: 20.132 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 98 Resp: 224051
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.801 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

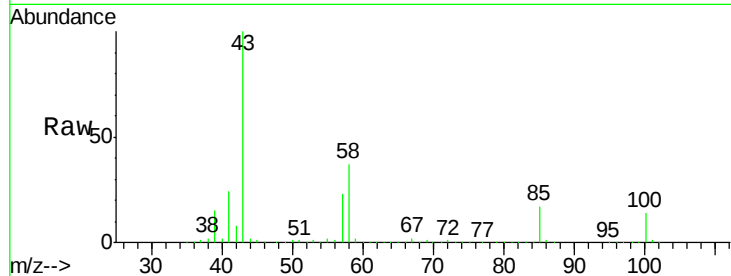
VSTDIC020

Tgt Ion: 43 Resp: 480624

Ion Ratio Lower Upper

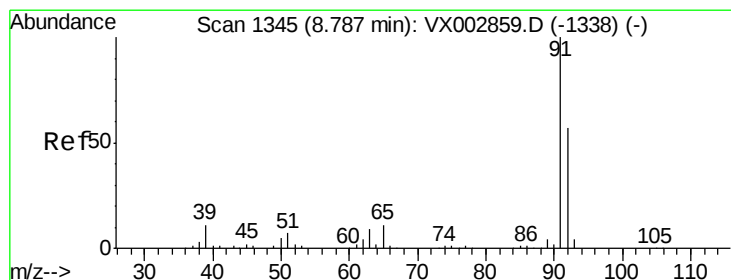
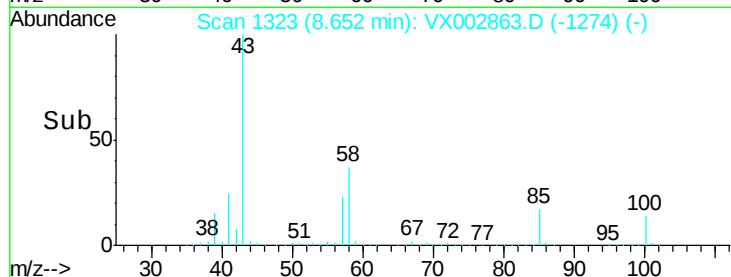
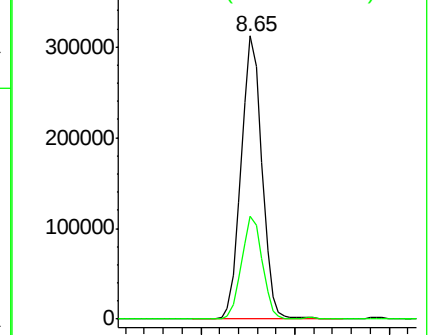
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.000 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002863.D

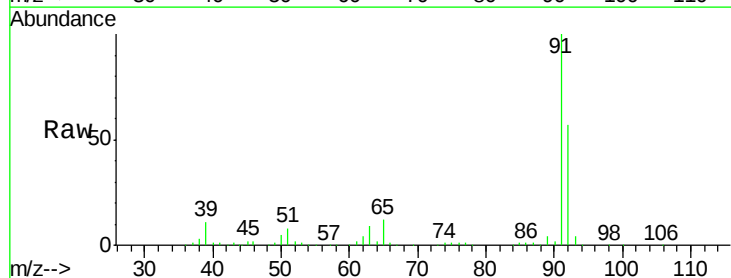
Acq: 25 Jun 2018 14:00

Tgt Ion: 92 Resp: 157109

Ion Ratio Lower Upper

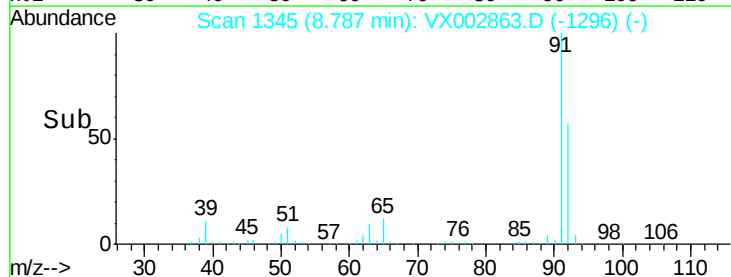
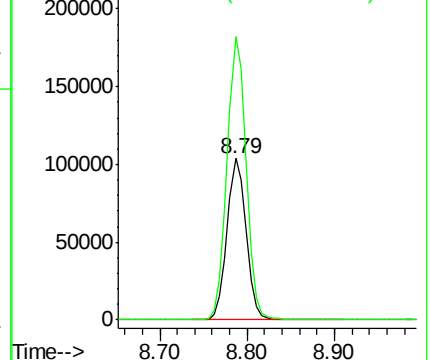
92 100

91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

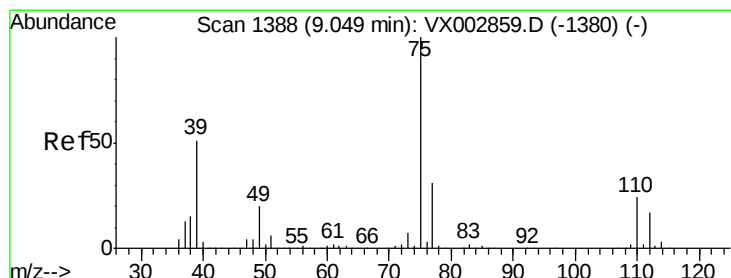
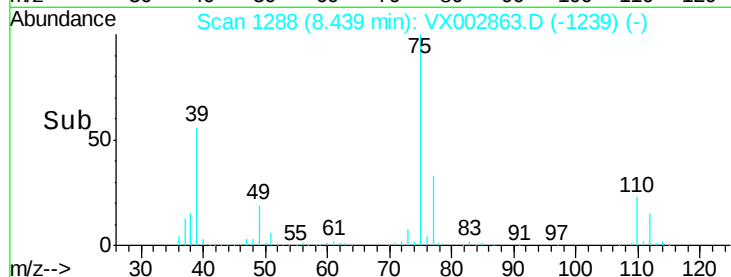
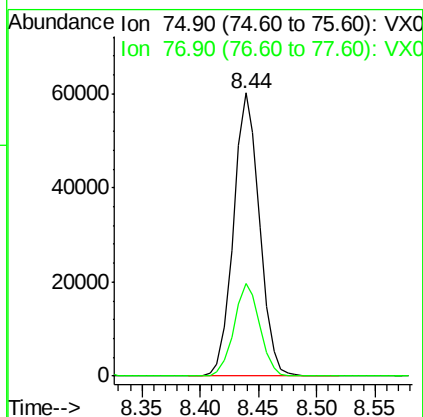
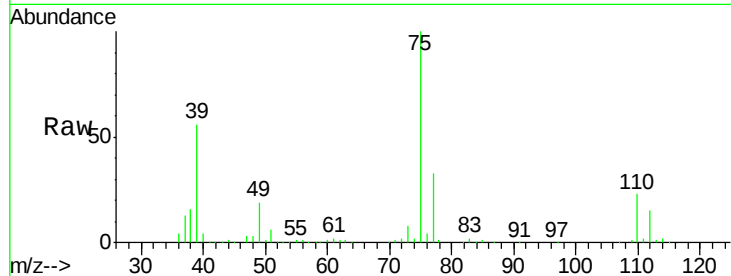




#53
 t-1,3-Dichloropropene
 Concen: 19.832 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

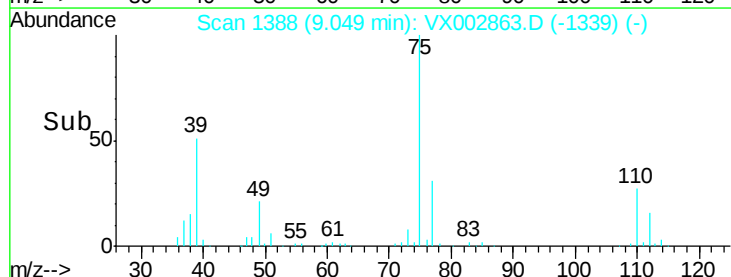
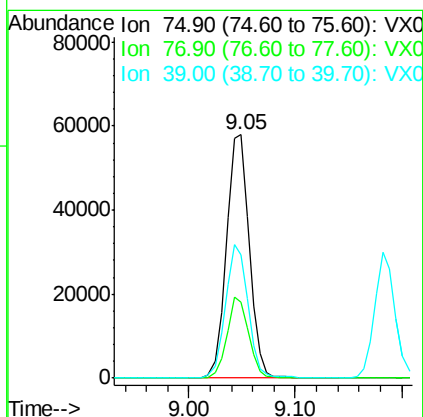
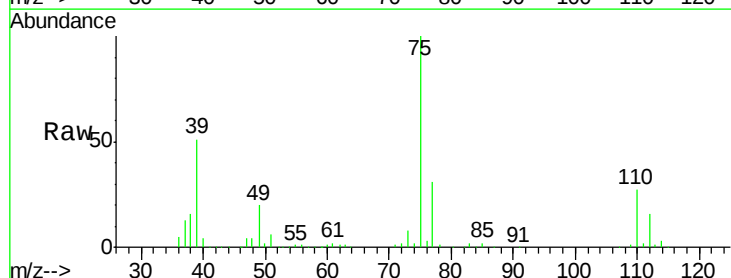
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 93732
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.202 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 75 Resp: 87320
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 50.7 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 19.765 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 63800

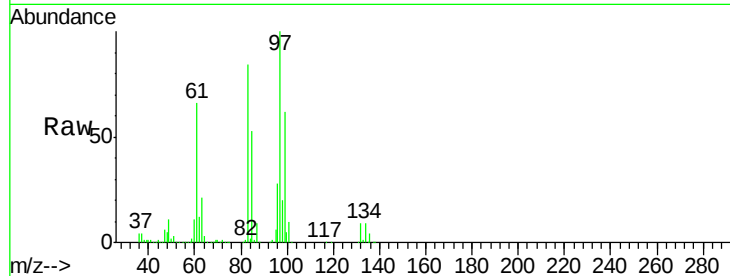
Ion Ratio Lower Upper

97 100

83 84.1 70.2 105.2

85 52.9 44.9 67.3

99 62.4 49.8 74.8

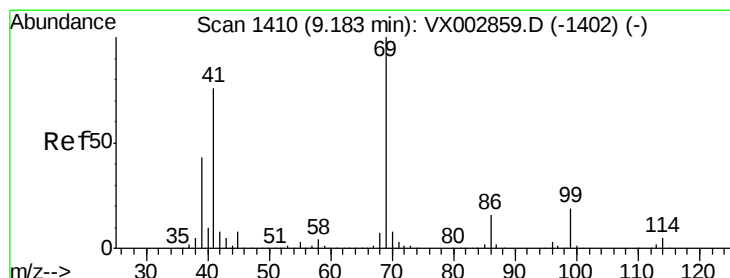
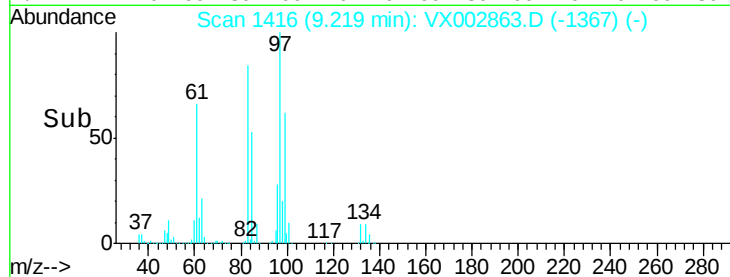
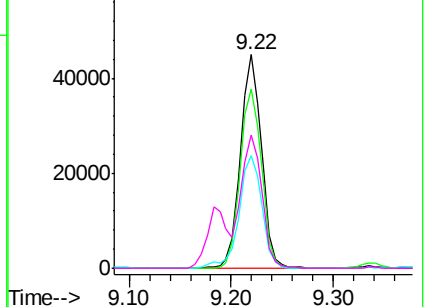


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.836 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

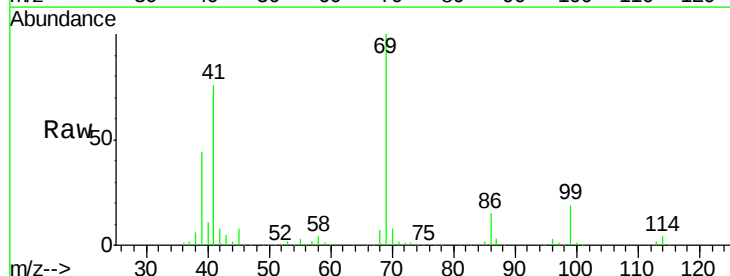
Tgt Ion: 69 Resp: 93578

Ion Ratio Lower Upper

69 100

41 72.8 60.3 90.5

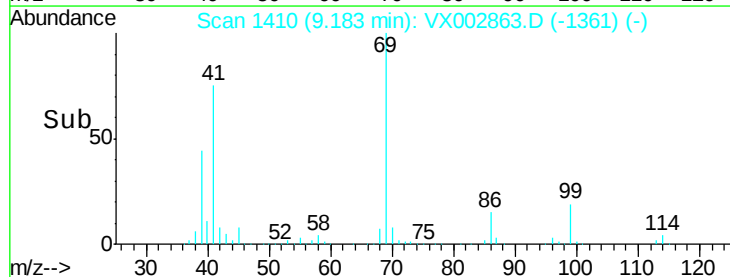
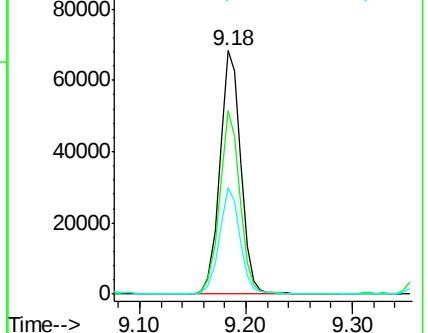
39 42.8 35.8 53.8

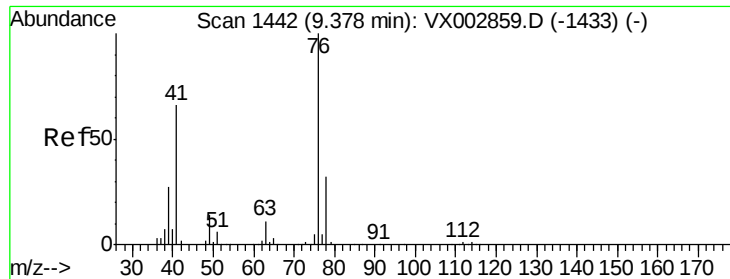


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.802 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

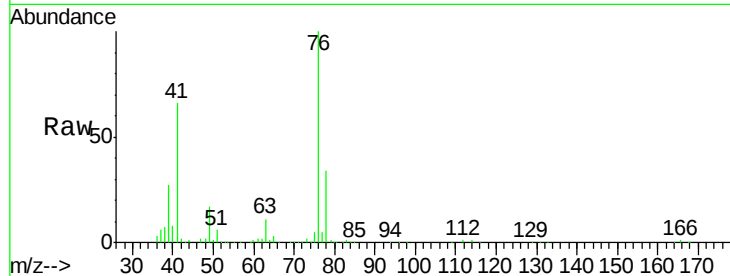
VSTDIC020

Tgt Ion: 76 Resp: 104986

Ion Ratio Lower Upper

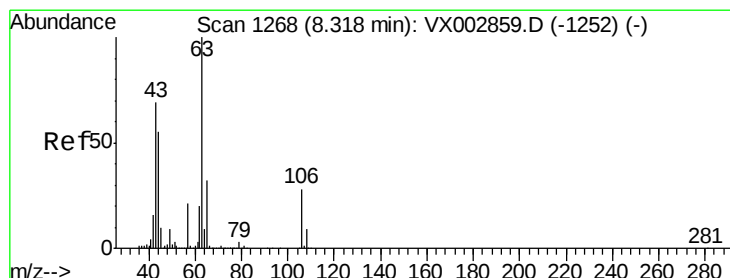
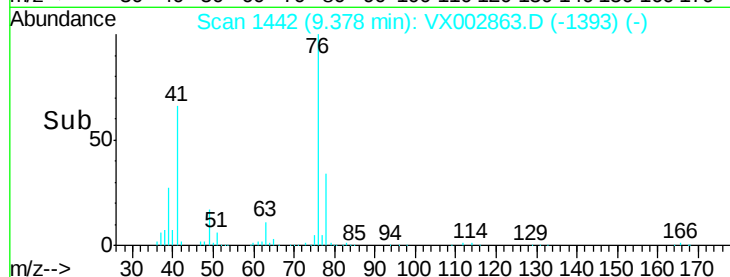
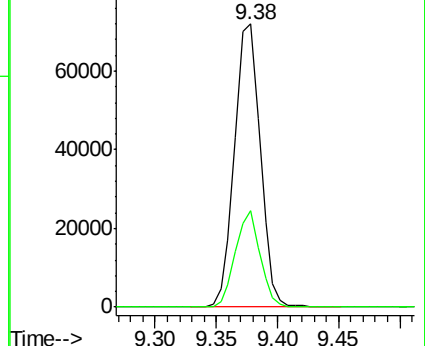
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.583 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002863.D

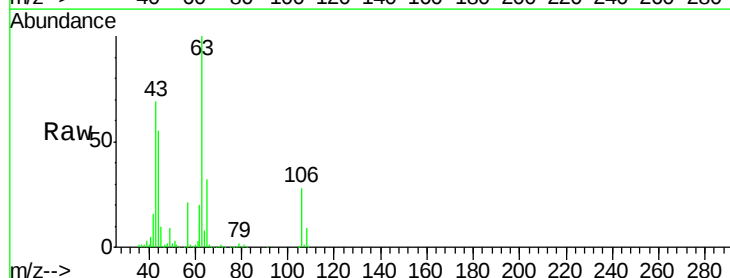
Acq: 25 Jun 2018 14:00

Tgt Ion: 63 Resp: 231202

Ion Ratio Lower Upper

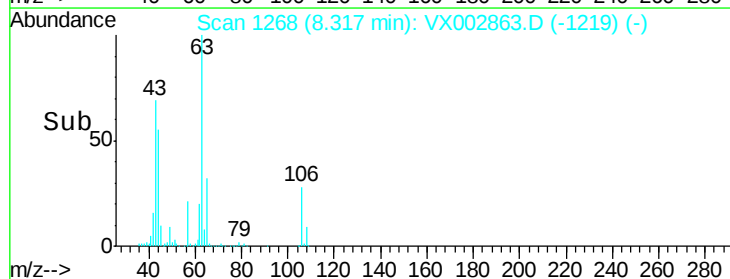
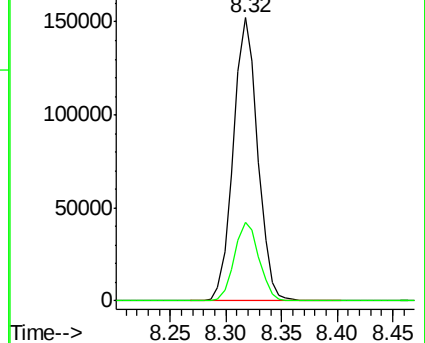
63 100

106 28.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

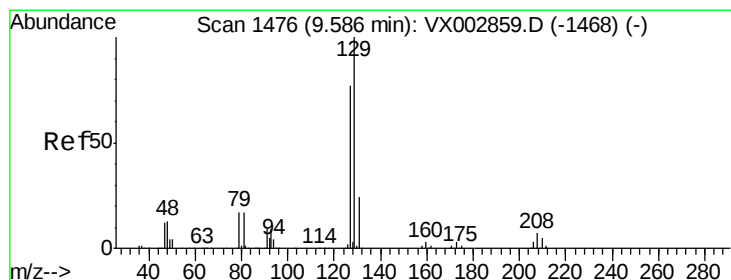
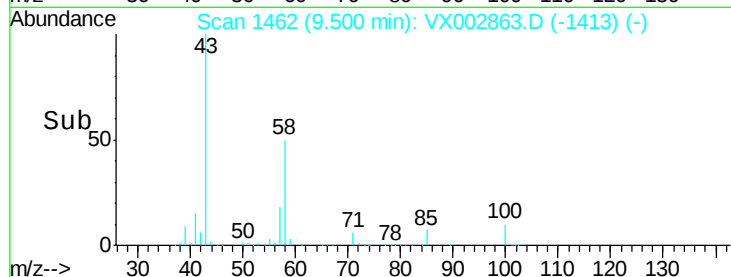
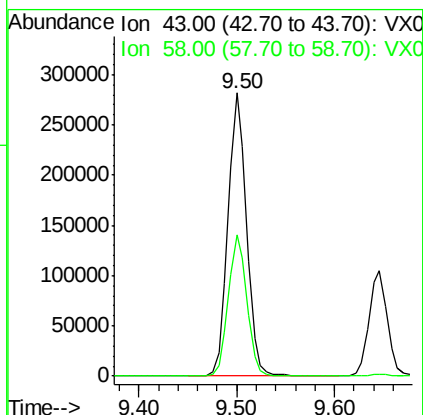
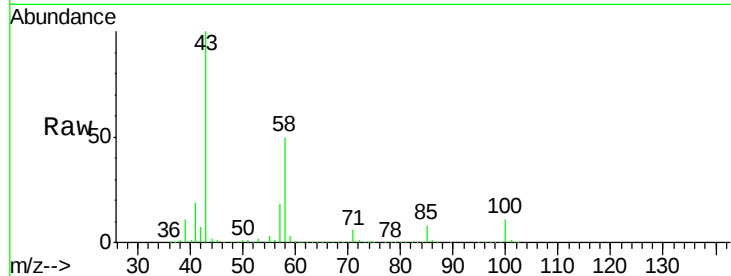




#59
2-Hexanone
Concen: 102.179 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

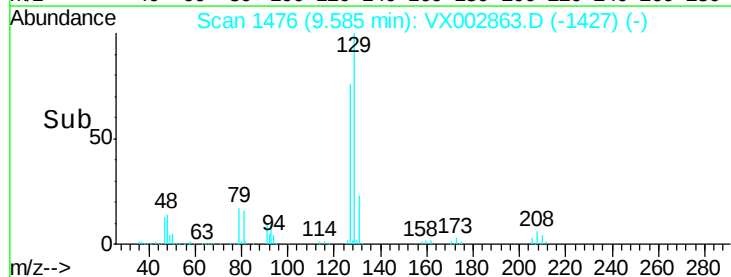
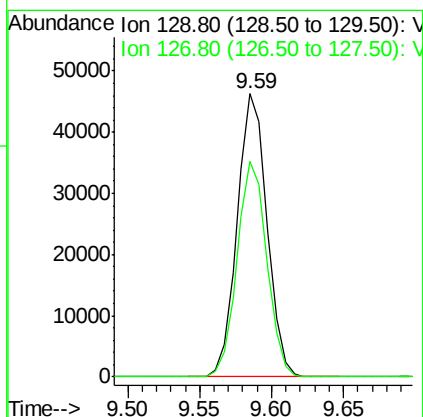
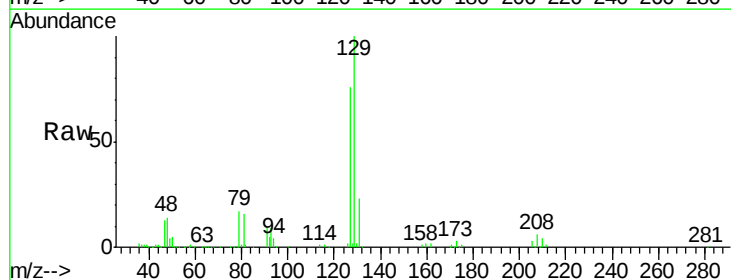
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

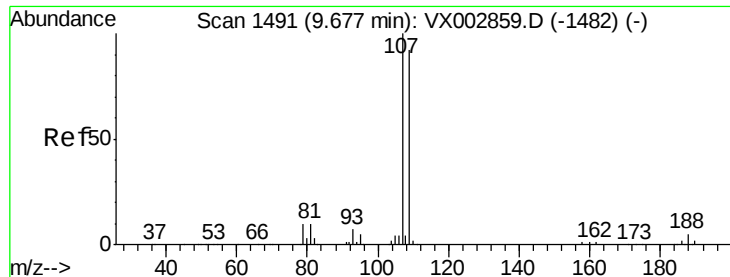
Tgt Ion: 43 Resp: 370273
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6



#60
Dibromochloromethane
Concen: 19.578 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion: 129 Resp: 66527
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3

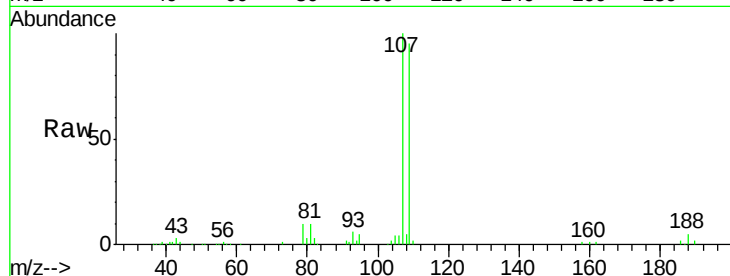




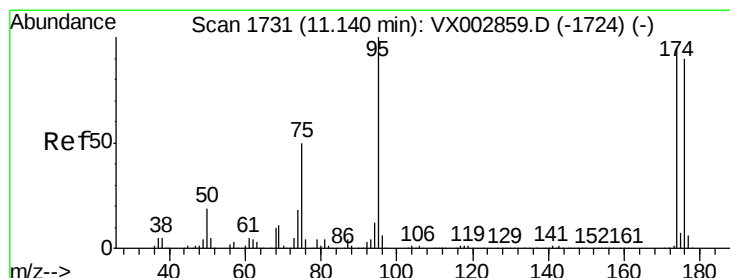
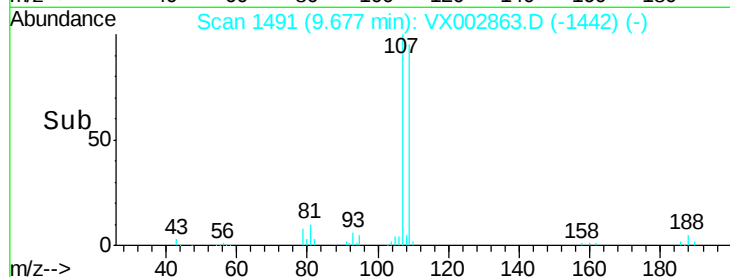
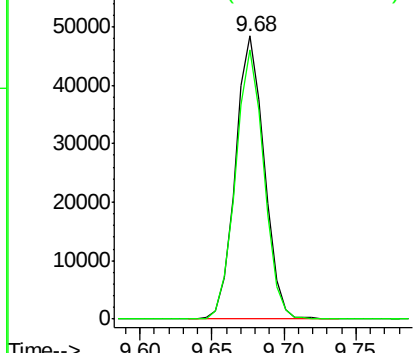
#61
 1,2-Dibromoethane
 Concen: 19.925 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 67464
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.3 112.9

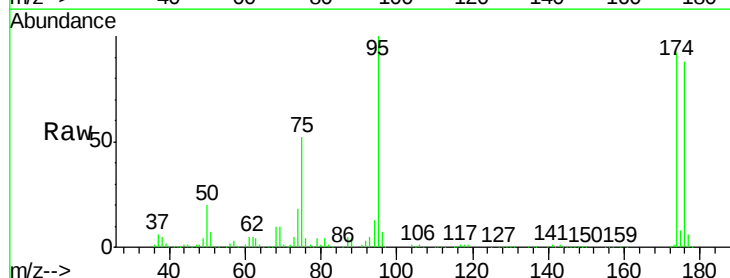


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

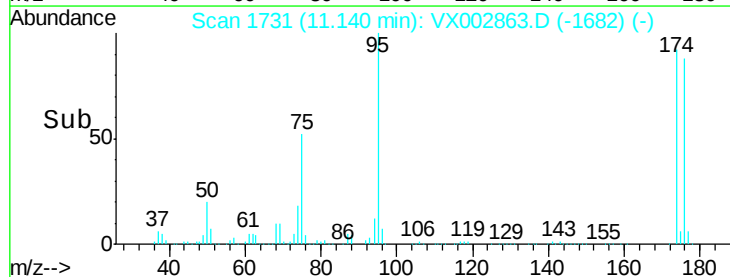
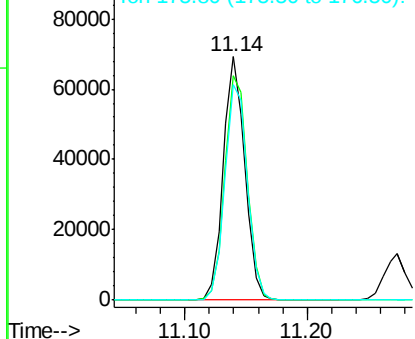


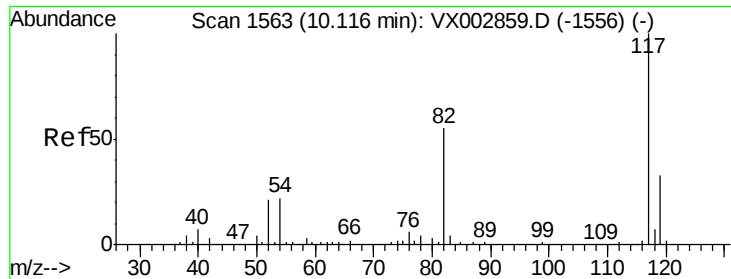
#62
 4-Bromofluorobenzene
 Concen: 19.627 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 95 Resp: 84238
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 187.4
 176 92.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

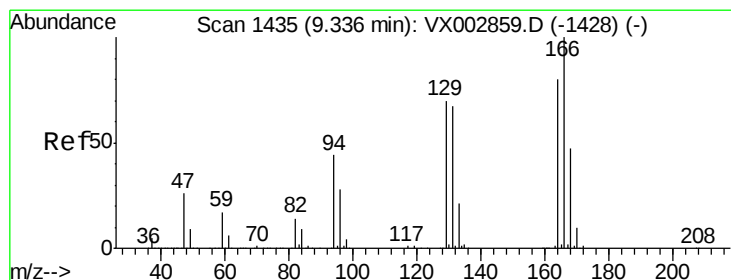
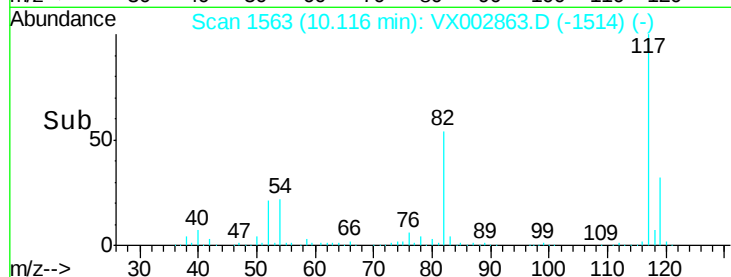
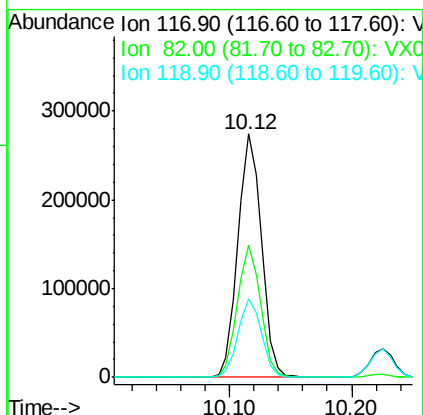
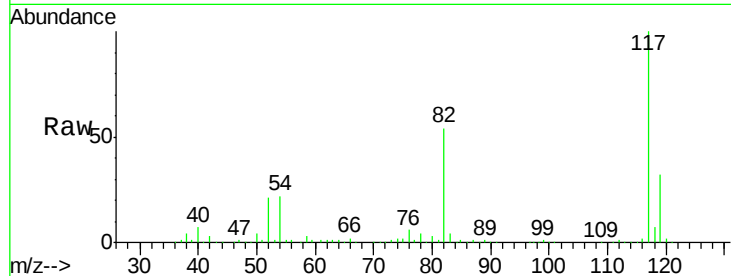




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

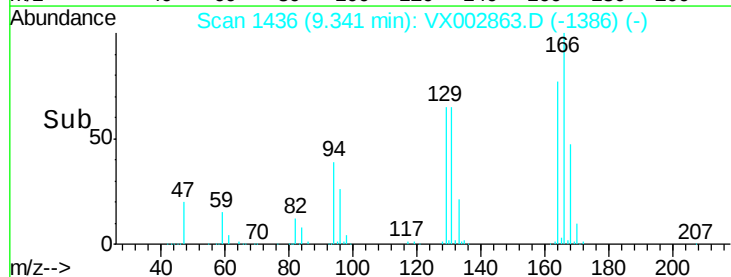
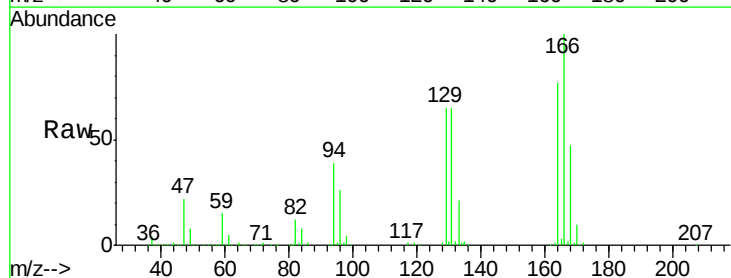
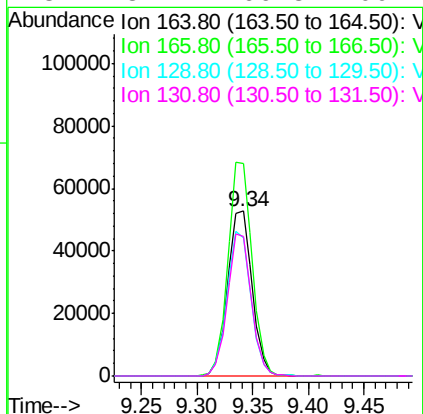
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 364828
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.786 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion:164 Resp: 80266
Ion Ratio Lower Upper
164 100
166 129.4 102.9 154.3
129 84.4 68.6 102.8
131 84.7 66.8 100.2

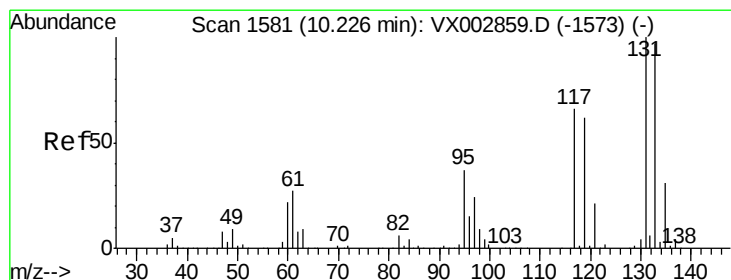
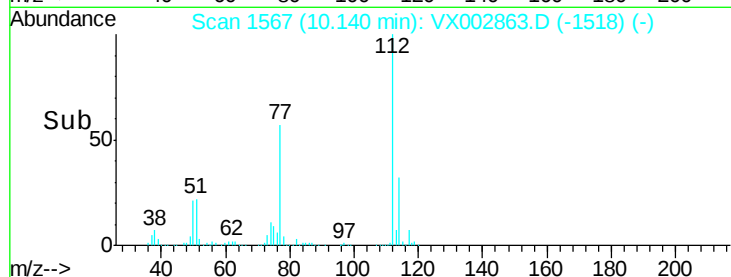
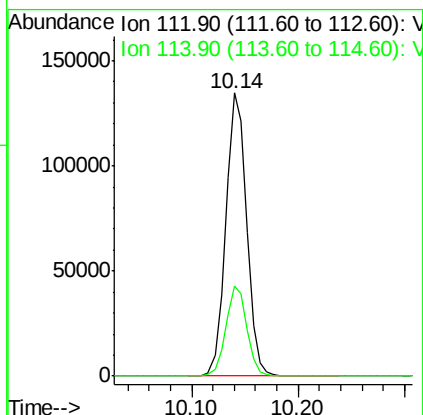
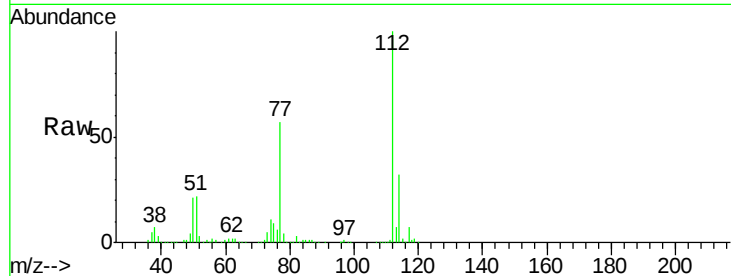




#65
Chlorobenzene
Concen: 19.950 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

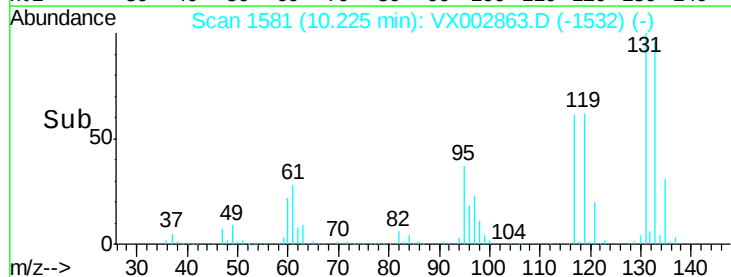
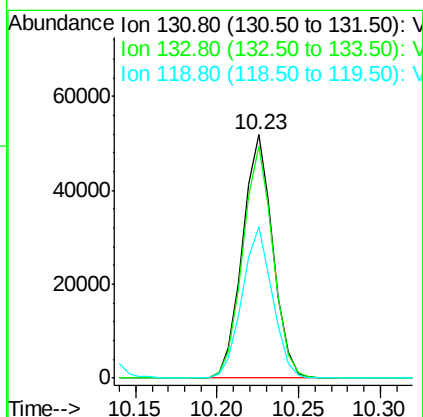
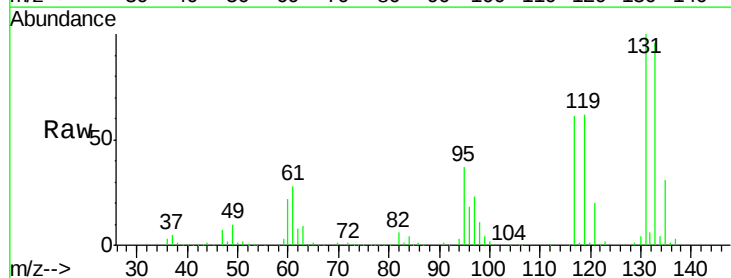
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

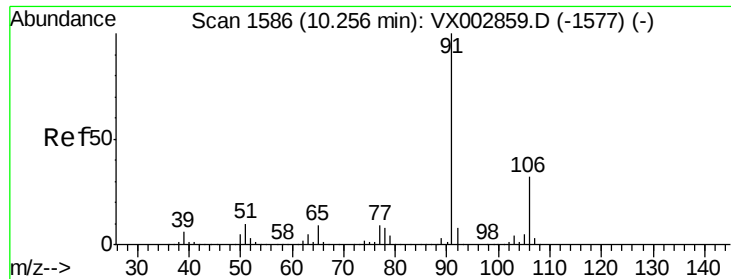
Tgt Ion:112 Resp: 184871
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.986 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion:131 Resp: 67279
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 62.1 31.8 95.3





#67

Ethyl Benzene

Concen: 20.048 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

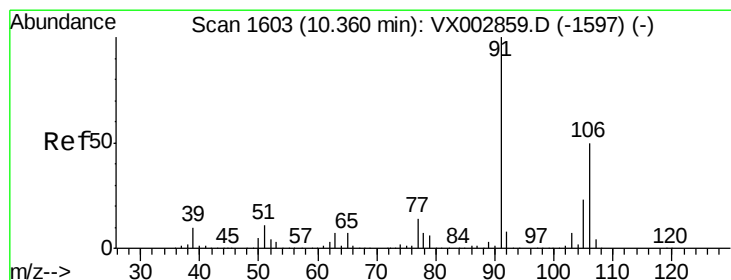
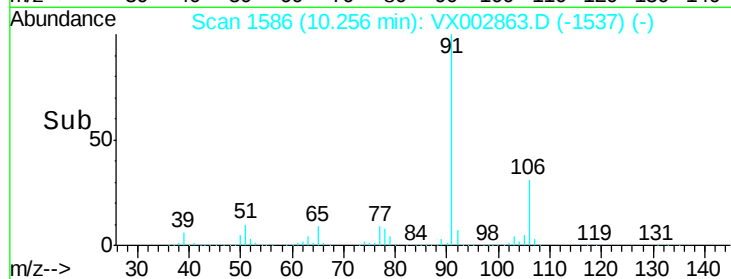
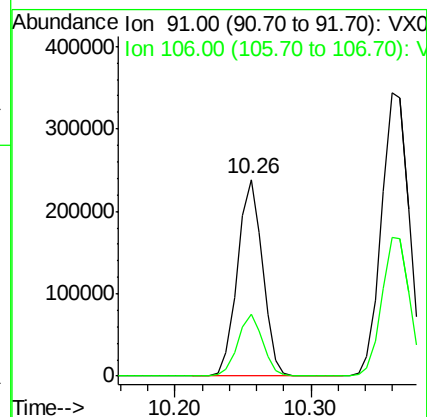
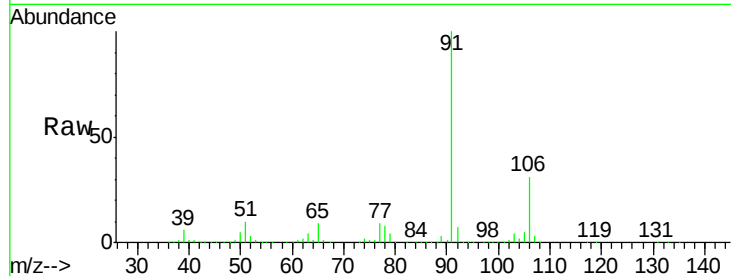
VSTDIC020

Tgt Ion: 91 Resp: 306886

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 40.255 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002863.D

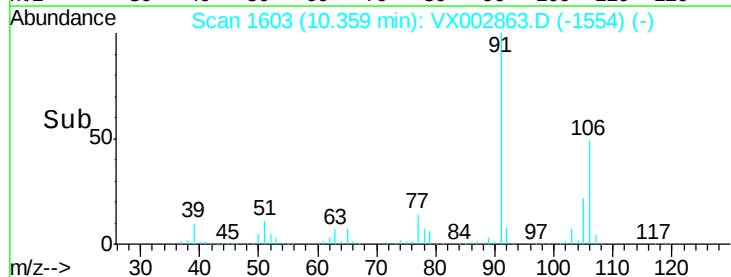
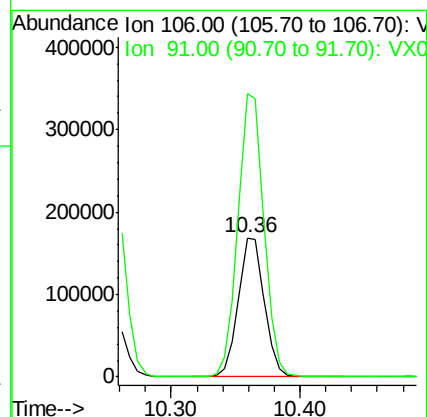
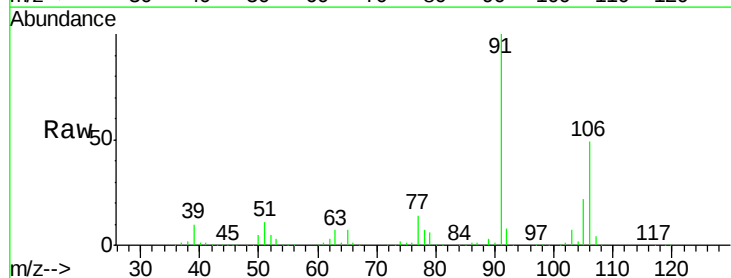
Acq: 25 Jun 2018 14:00

Tgt Ion: 106 Resp: 237486

Ion Ratio Lower Upper

106 100

91 203.8 163.4 245.2

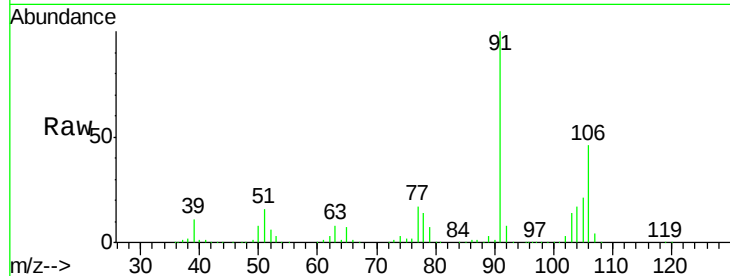




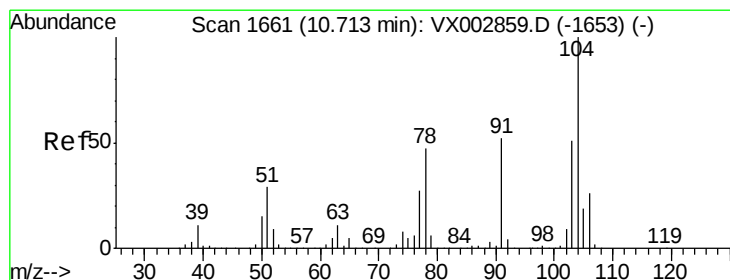
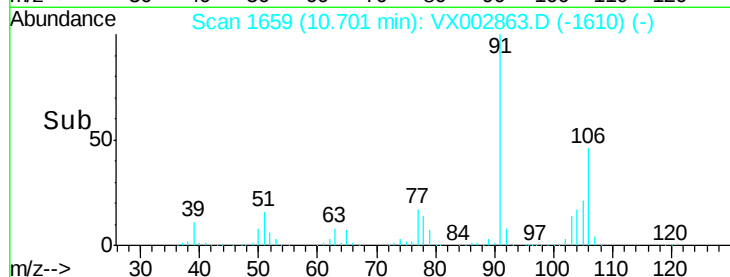
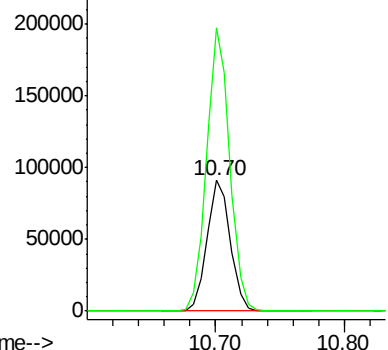
#69
o-Xylene
Concen: 20.065 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 115260
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6

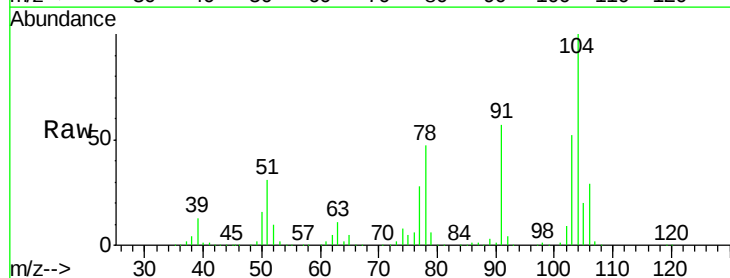


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

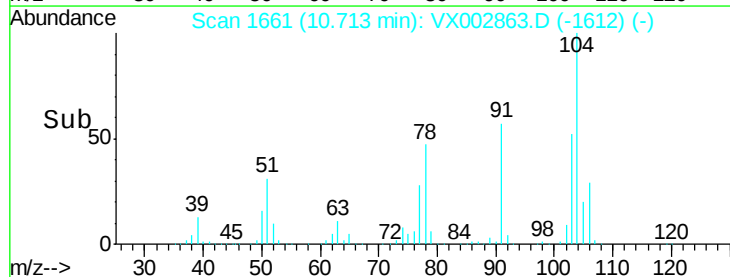
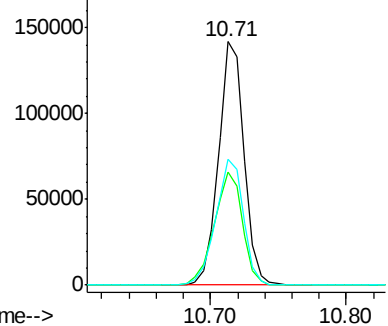


#70
Styrene
Concen: 19.911 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002863.D
Acq: 25 Jun 2018 14:00

Tgt Ion:104 Resp: 185857
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 56.2 44.2 66.4



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





#71

Bromoform

Concen: 19.034 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

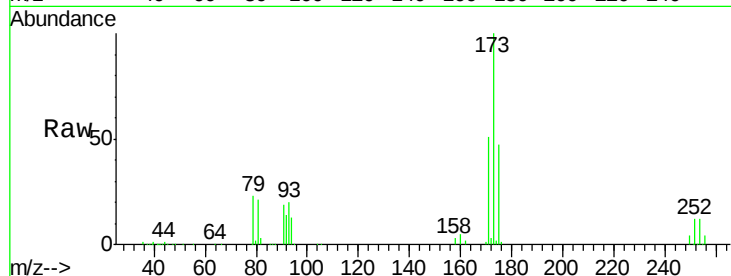
Tgt Ion:173 Resp: 49915

Ion Ratio Lower Upper

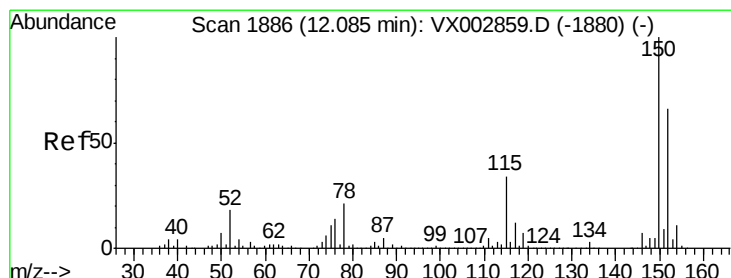
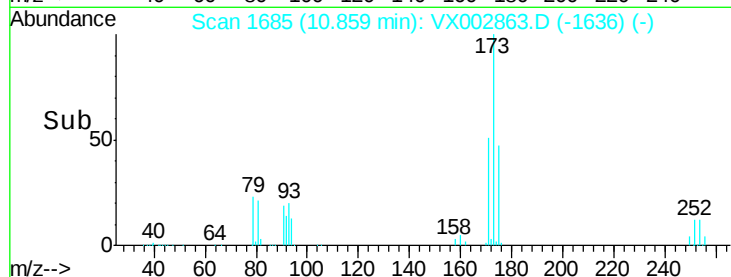
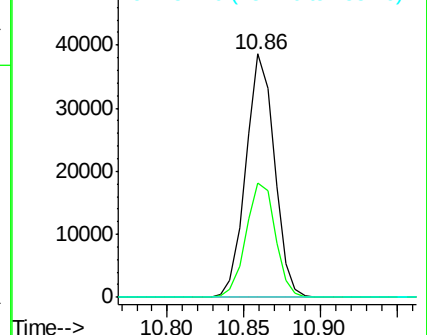
173 100

175 48.4 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

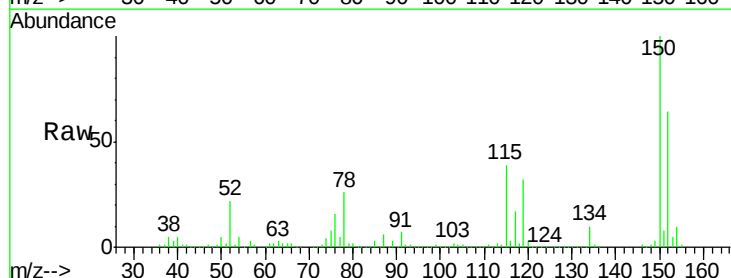
Tgt Ion:152 Resp: 223132

Ion Ratio Lower Upper

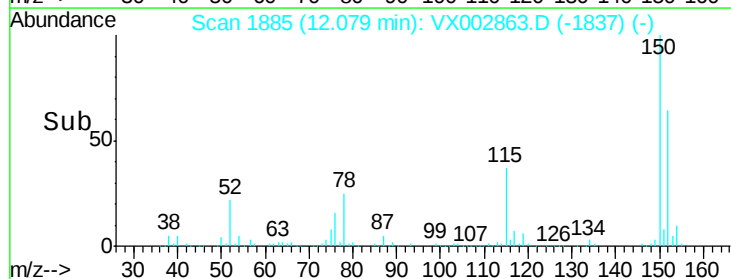
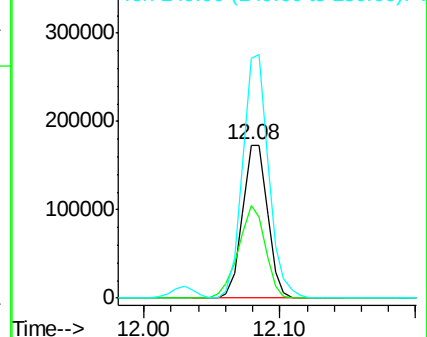
152 100

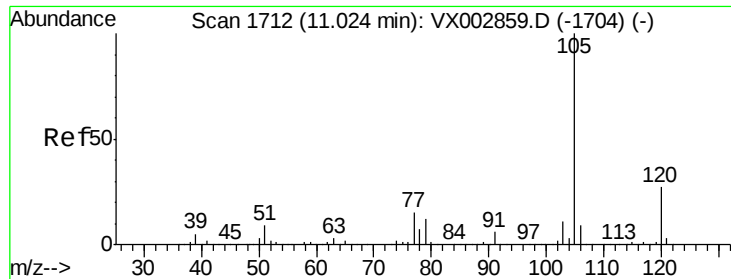
115 64.4 40.1 120.2

150 163.4 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.934 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

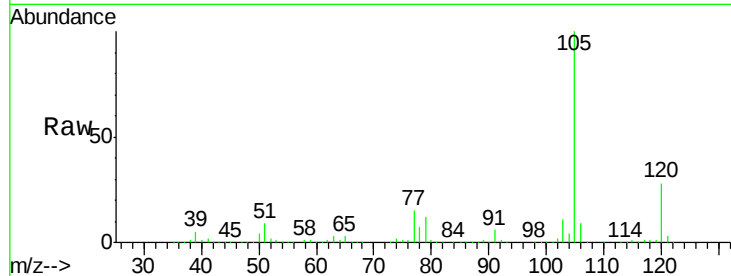
VSTDIC020

Tgt Ion: 105 Resp: 314241

Ion Ratio Lower Upper

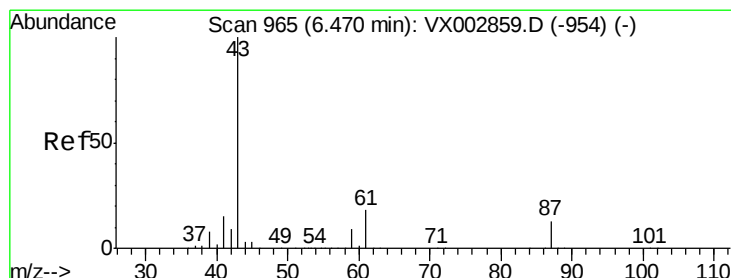
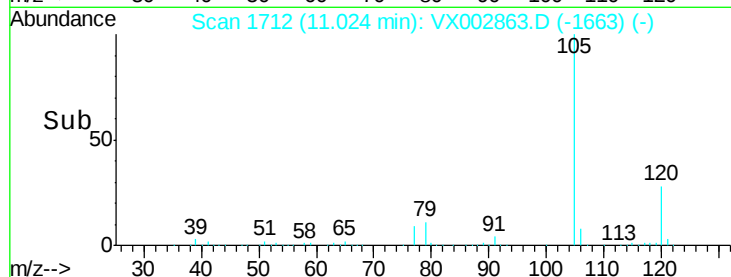
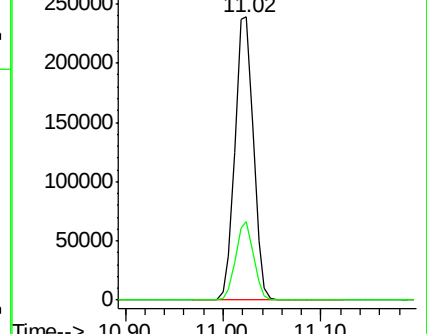
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.238 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Tgt Ion: 43 Resp: 148642

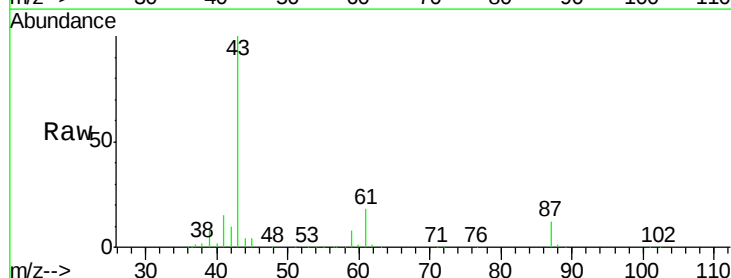
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 14.4 21.6

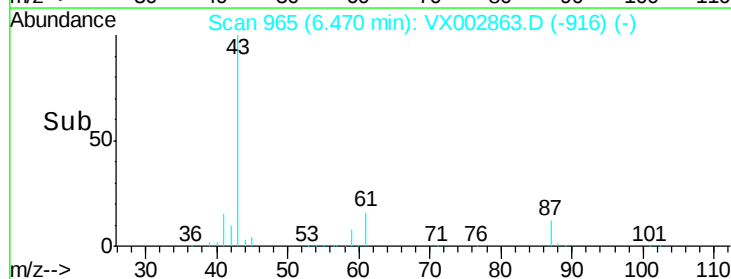
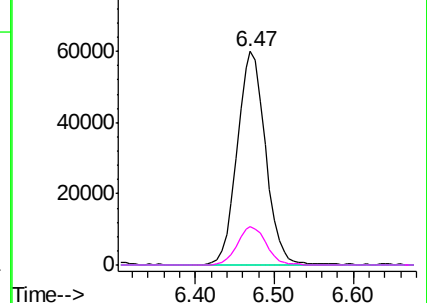


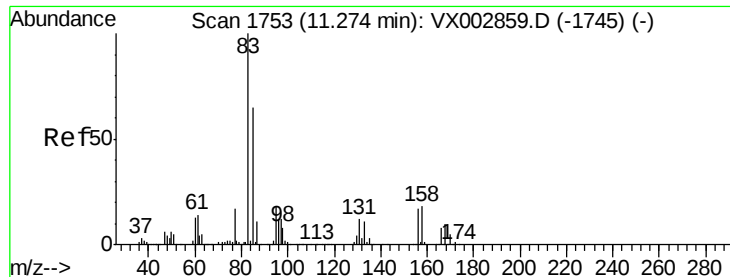
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.437 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

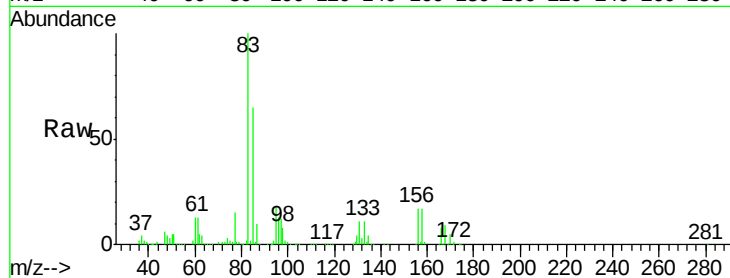
Tgt Ion: 83 Resp: 94501

Ion Ratio Lower Upper

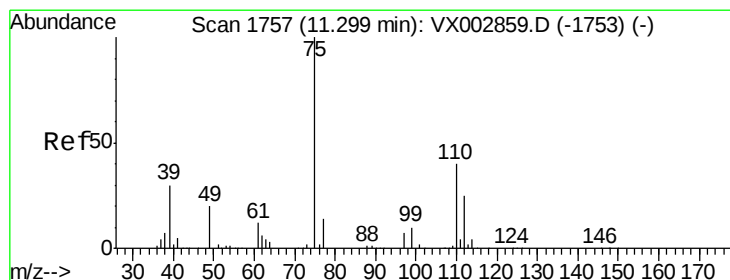
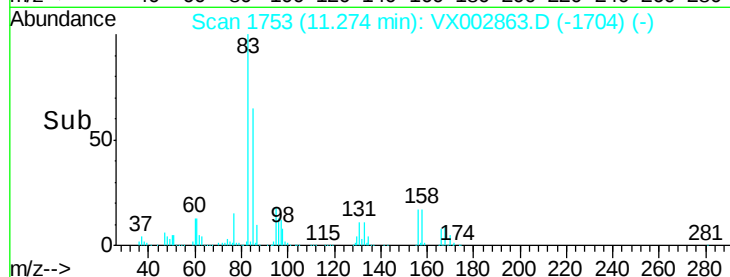
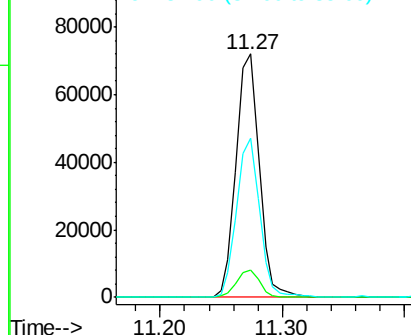
83 100

131 11.1 5.6 16.8

85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.626 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002863.D

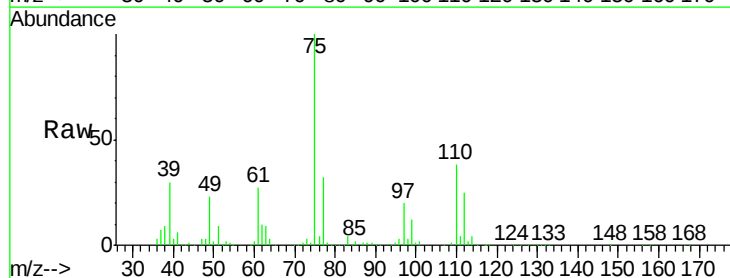
Acq: 25 Jun 2018 14:00

Tgt Ion: 75 Resp: 107614

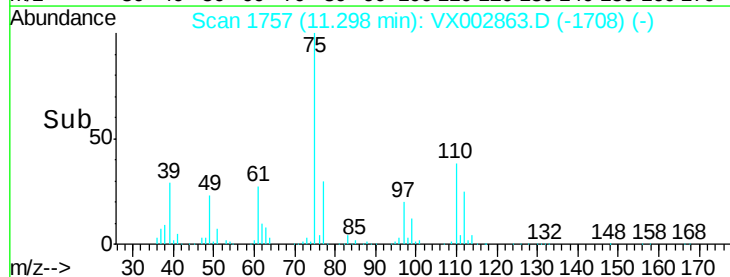
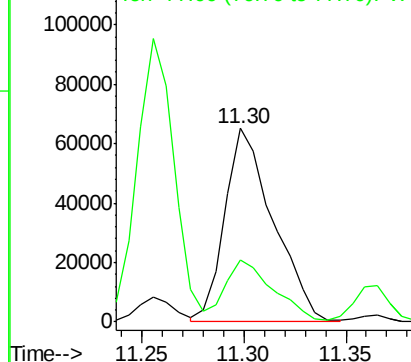
Ion Ratio Lower Upper

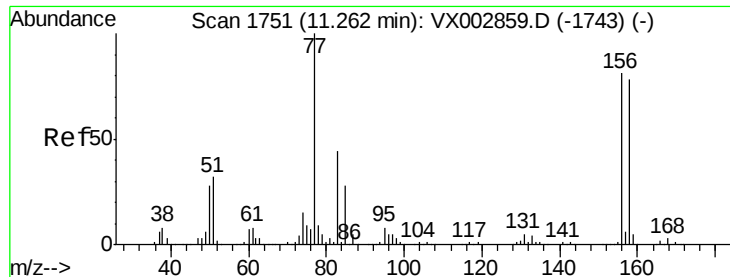
75 100

77 31.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.036 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

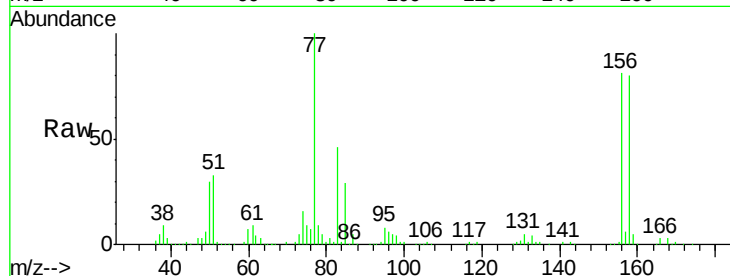
Tgt Ion:156 Resp: 85649

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

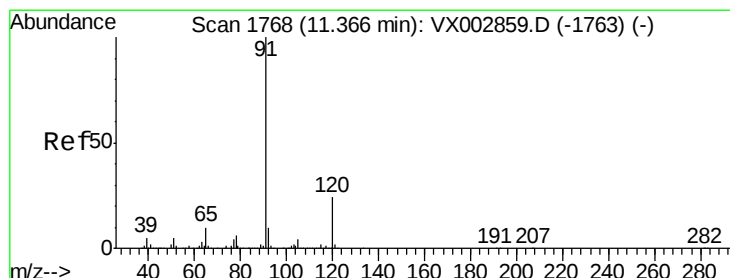
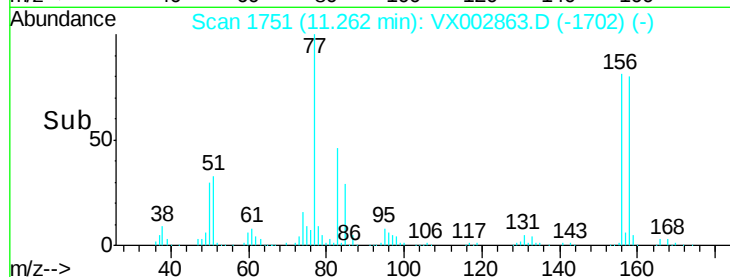
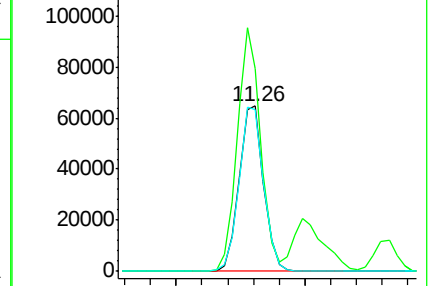
158 99.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.956 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002863.D

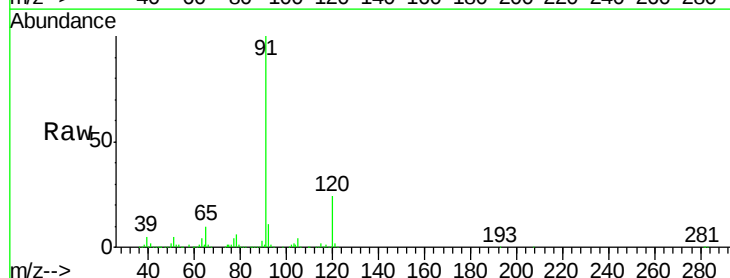
Acq: 25 Jun 2018 14:00

Tgt Ion: 91 Resp: 358064

Ion Ratio Lower Upper

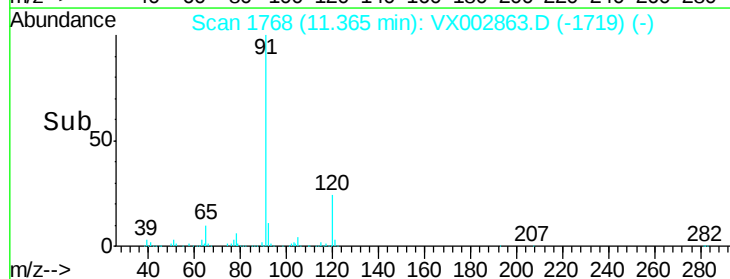
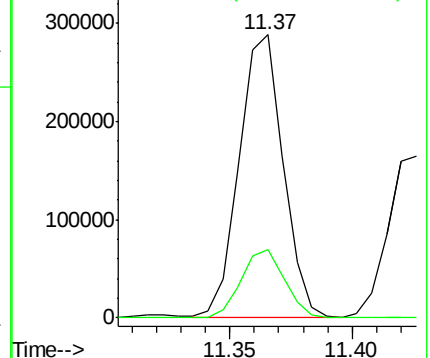
91 100

120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.618 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

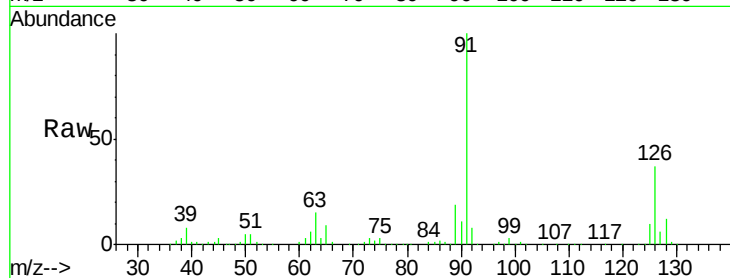
VSTDIC020

Tgt Ion: 91 Resp: 213282

Ion Ratio Lower Upper

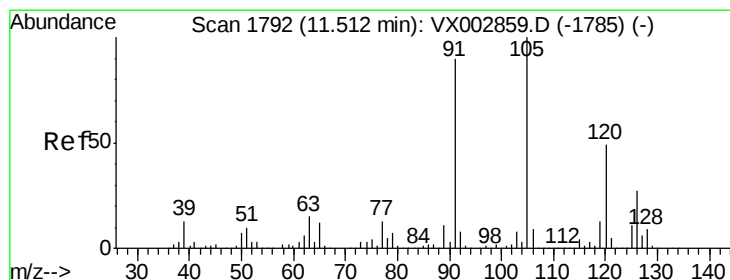
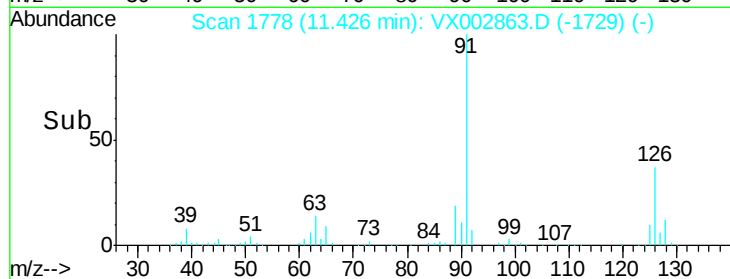
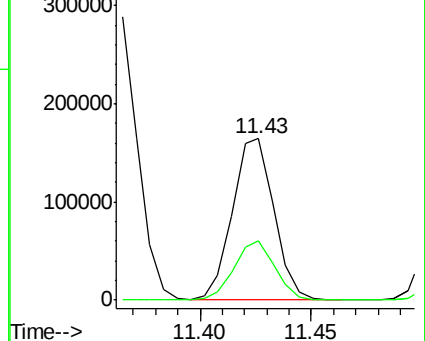
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.856 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002863.D

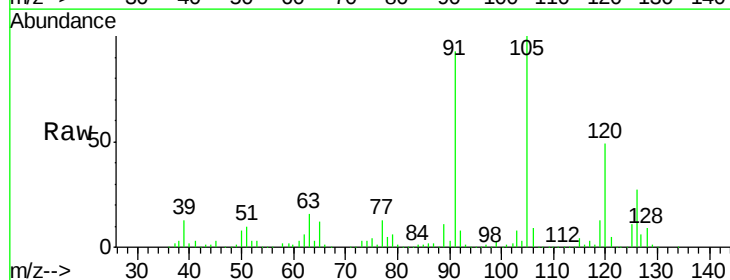
Acq: 25 Jun 2018 14:00

Tgt Ion: 105 Resp: 263677

Ion Ratio Lower Upper

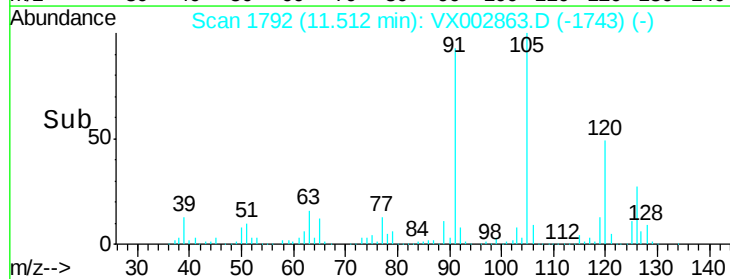
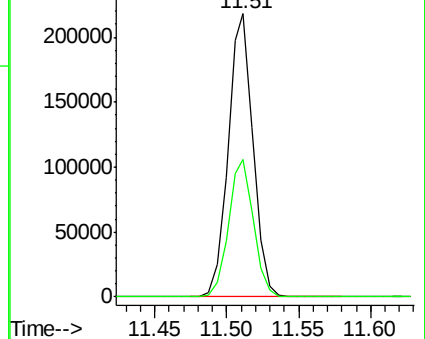
105 100

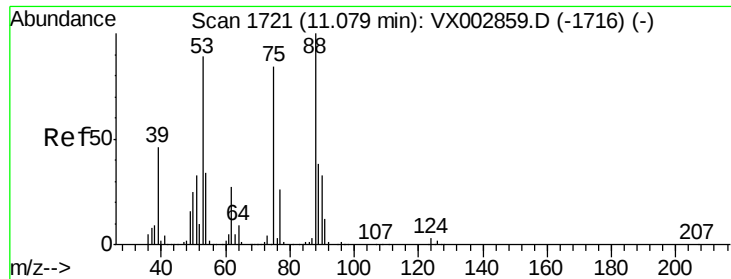
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.441 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

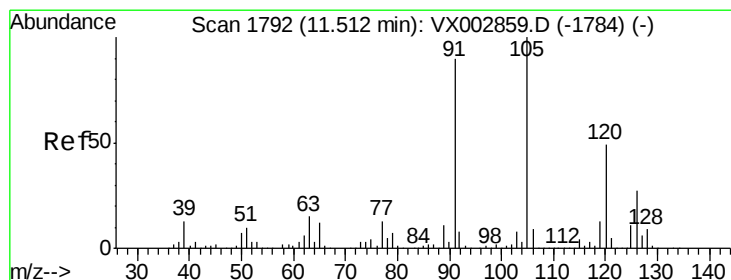
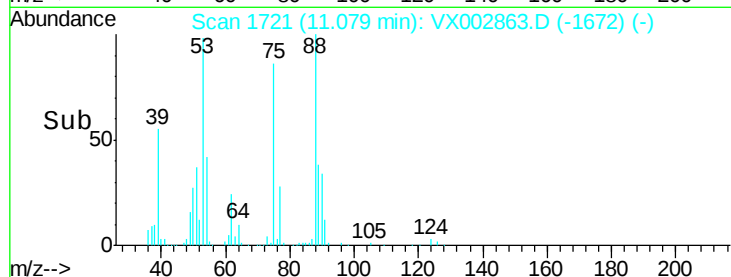
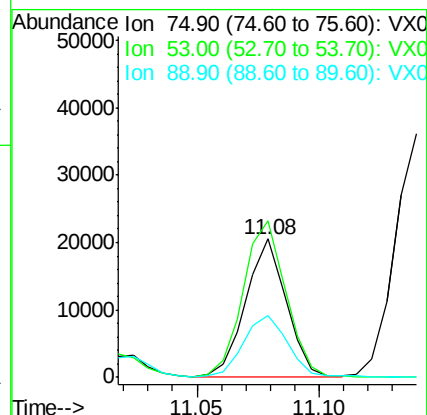
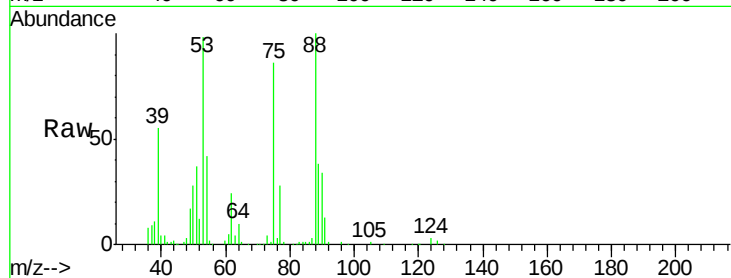
Tgt Ion: 75 Resp: 24014

Ion Ratio Lower Upper

75 100

53 117.6 86.8 130.2

89 48.3 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.575 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002863.D

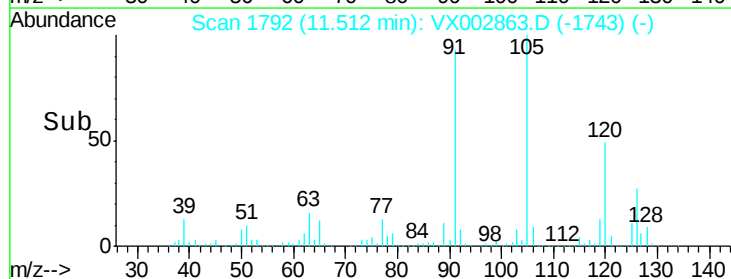
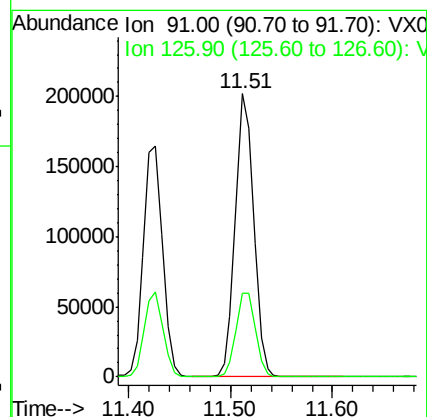
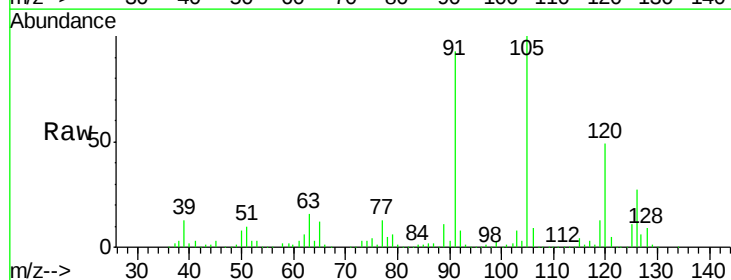
Acq: 25 Jun 2018 14:00

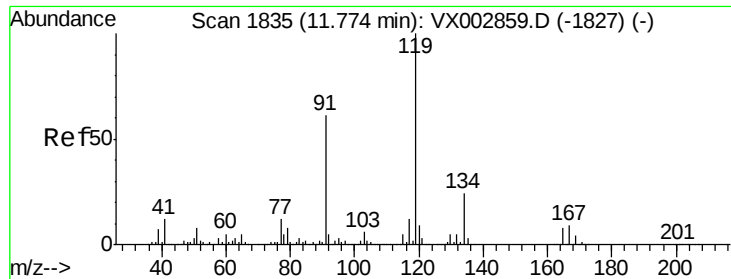
Tgt Ion: 91 Resp: 251972

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.4

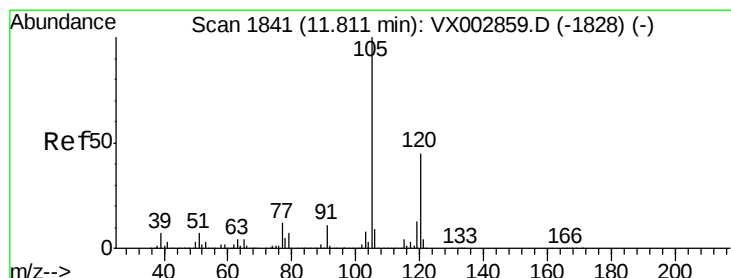
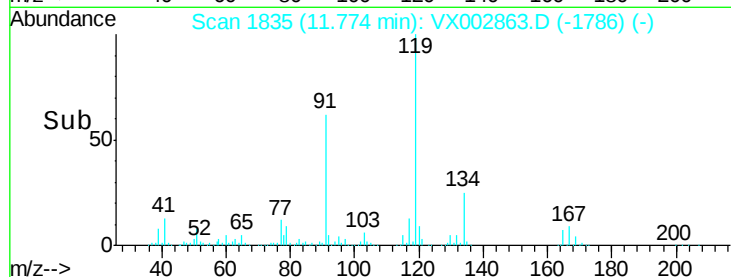
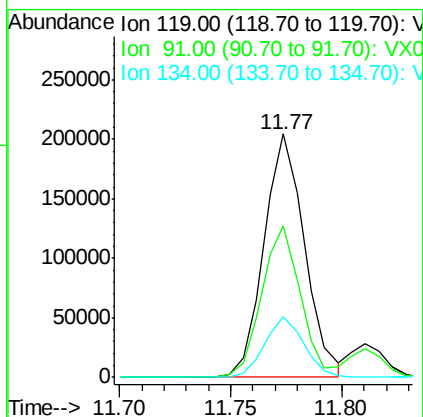
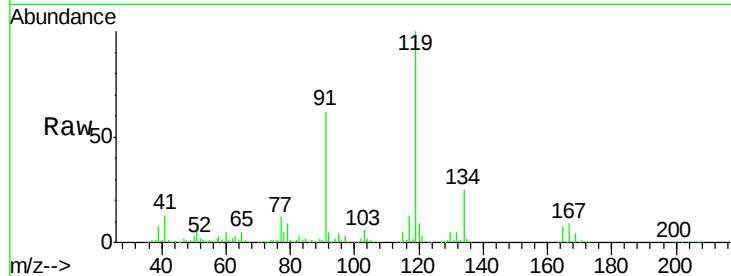




#83
 tert-Butylbenzene
 Concen: 20.767 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

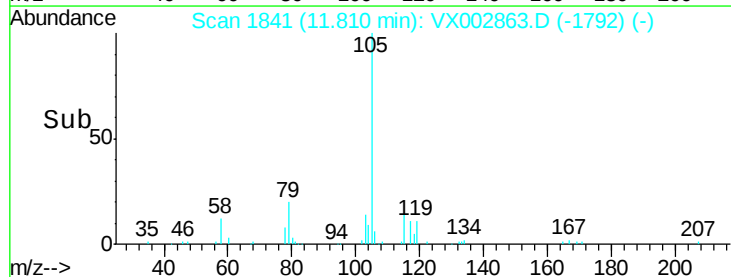
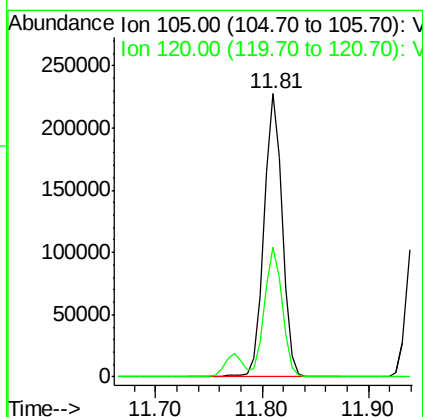
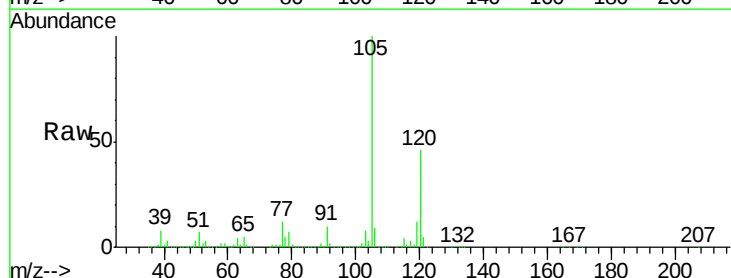
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

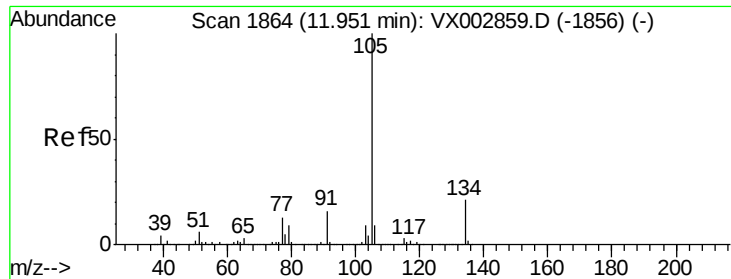
Tgt Ion:119 Resp: 258755
 Ion Ratio Lower Upper
 119 100
 91 59.9 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.887 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion:105 Resp: 273602
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8

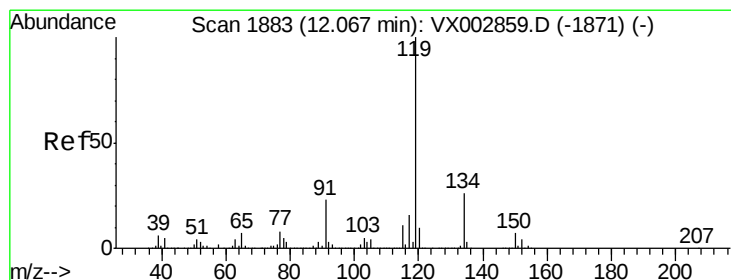
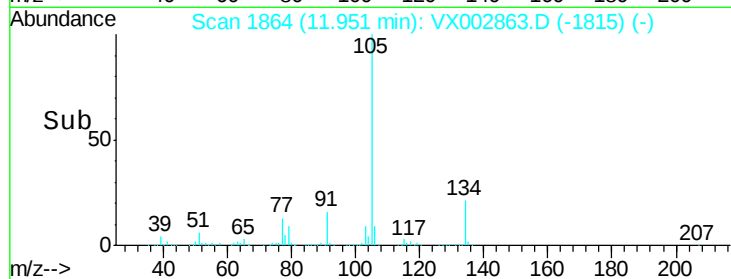
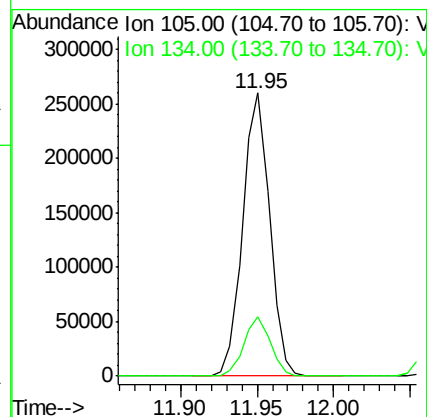
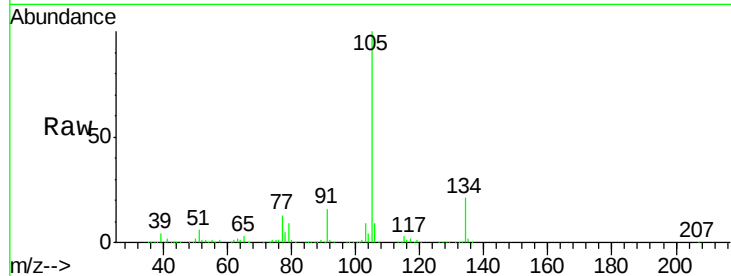




#85
 sec-Butylbenzene
 Concen: 20.898 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

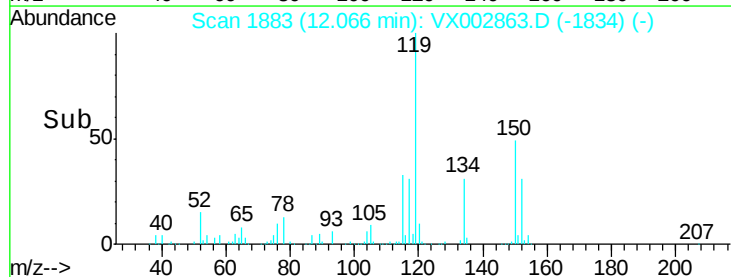
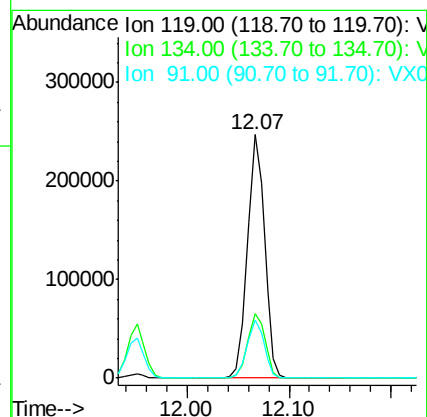
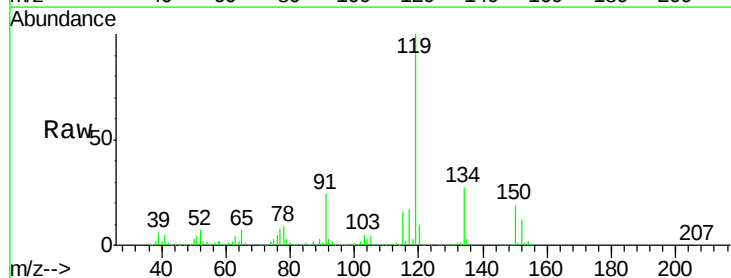
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 315879
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.027 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion:119 Resp: 285753
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 23.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.310 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

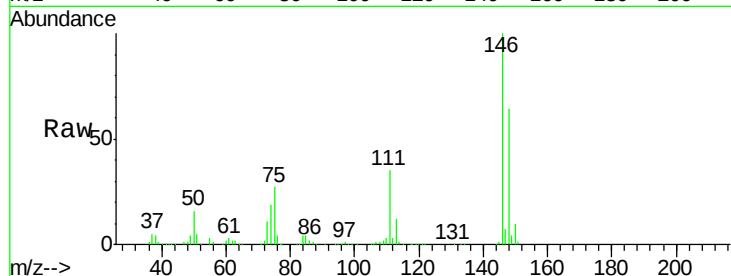
Tgt Ion:146 Resp: 158566

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

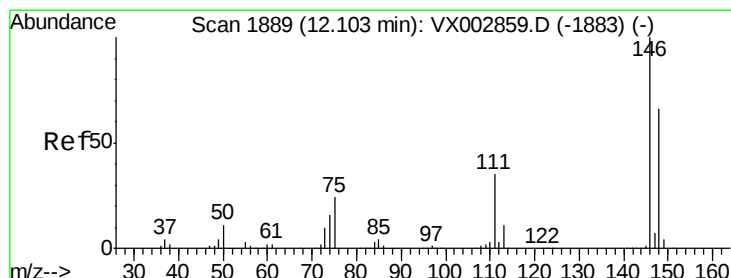
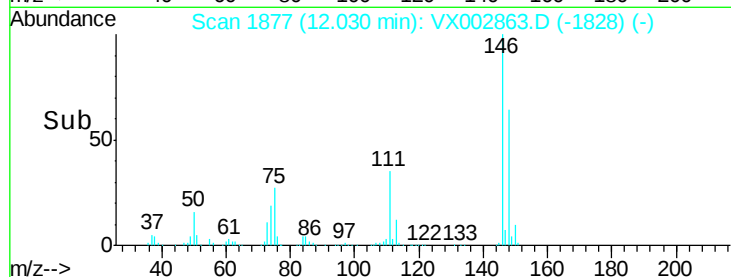
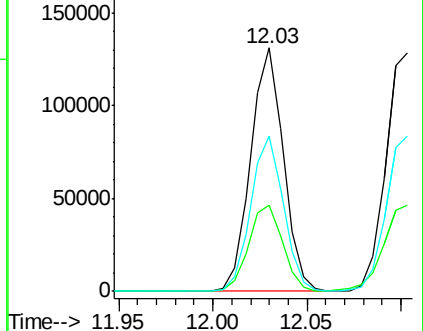
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.047 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

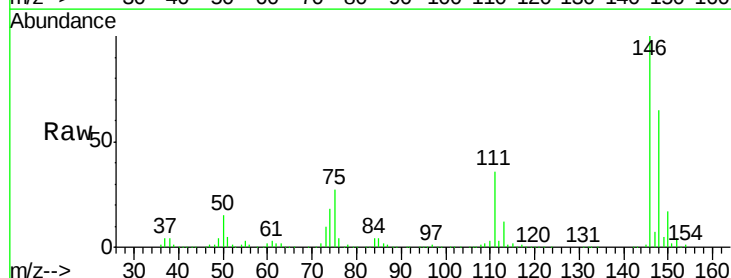
Tgt Ion:146 Resp: 161067

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

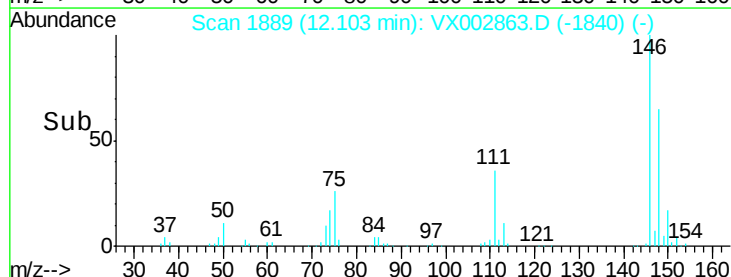
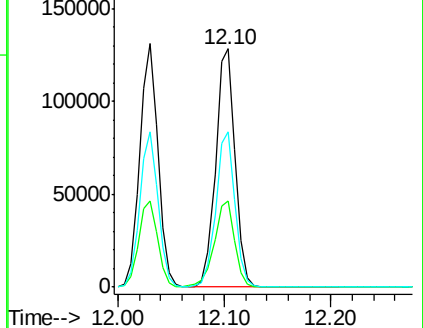
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.309 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

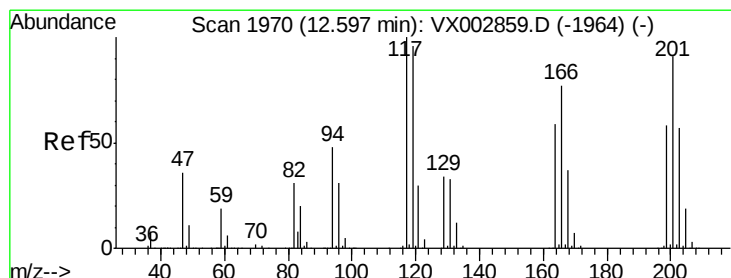
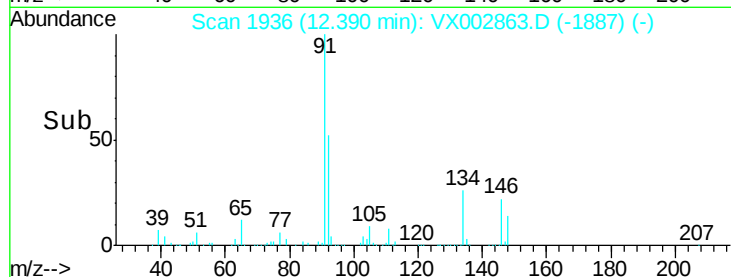
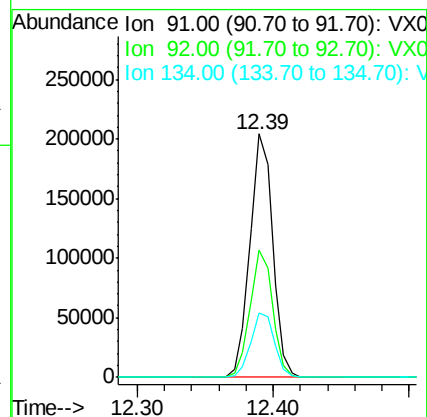
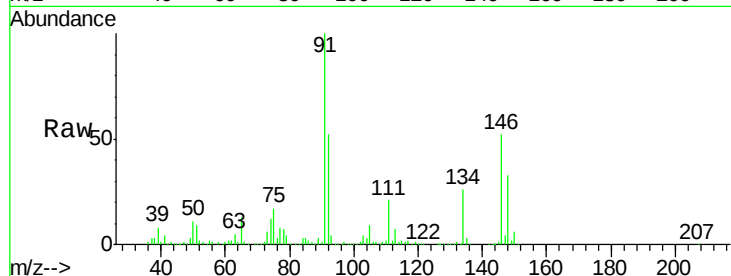
Tgt Ion: 91 Resp: 240218

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 19.740 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002863.D

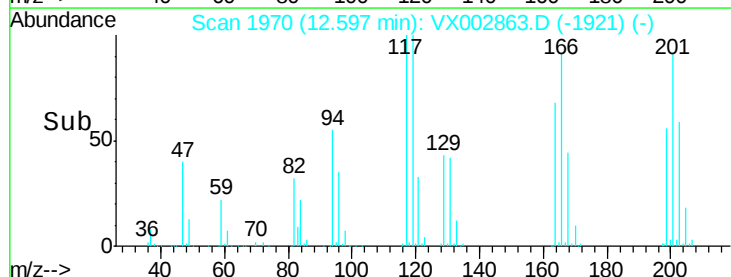
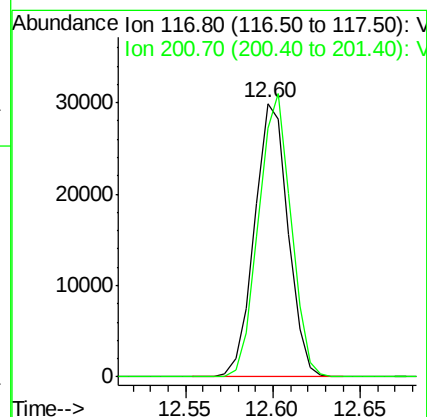
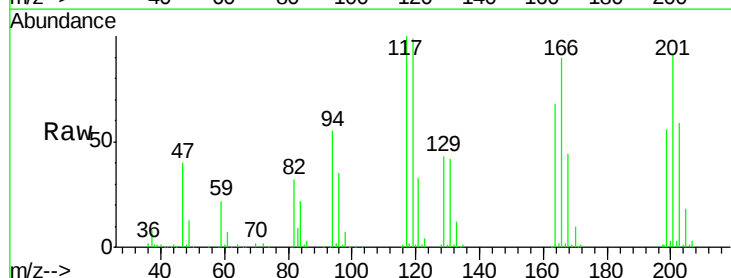
Acq: 25 Jun 2018 14:00

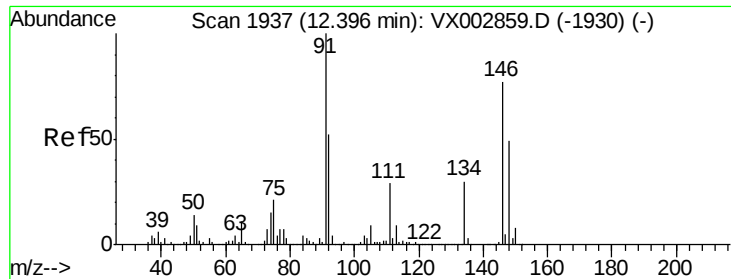
Tgt Ion: 117 Resp: 39900

Ion Ratio Lower Upper

117 100

201 100.0 49.0 147.0

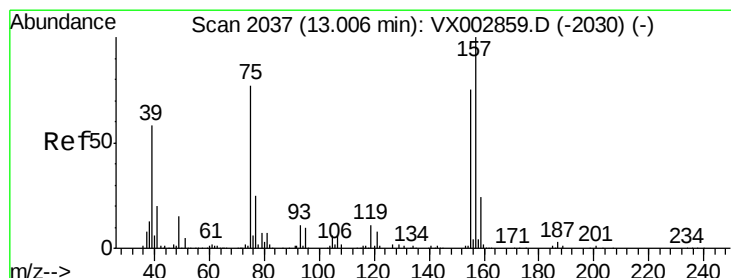
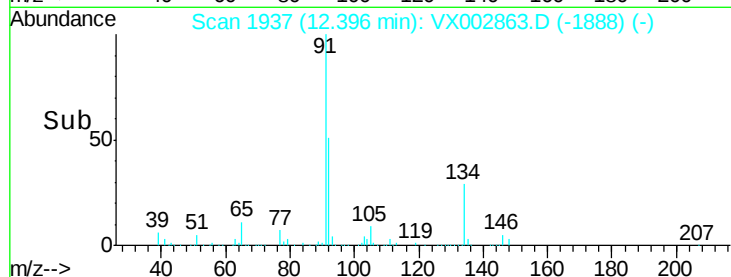
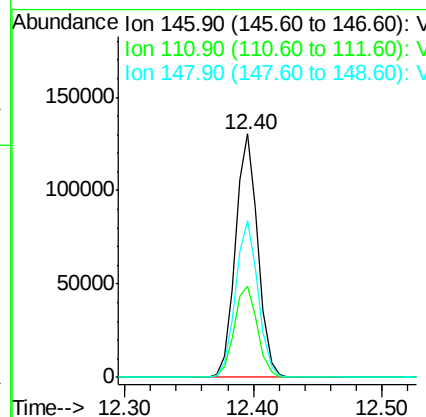
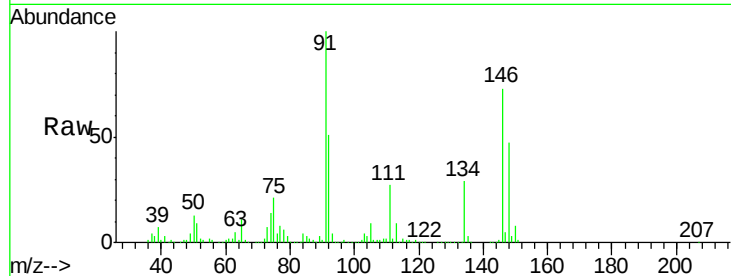




#91
 1,2-Dichlorobenzene
 Concen: 20.133 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

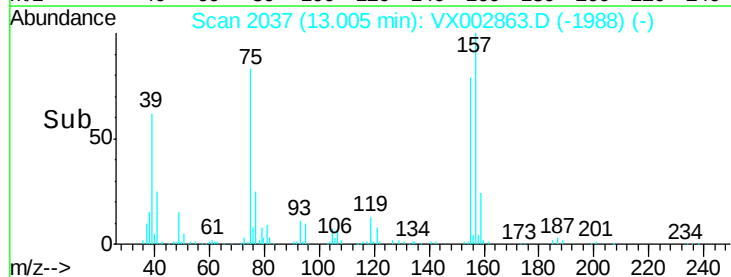
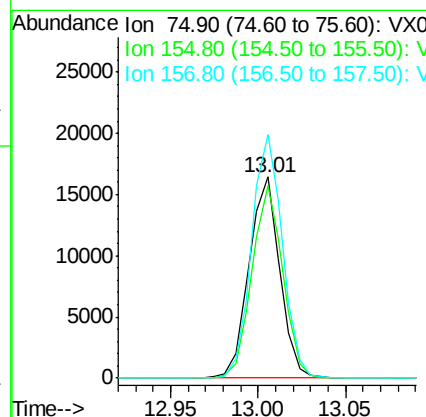
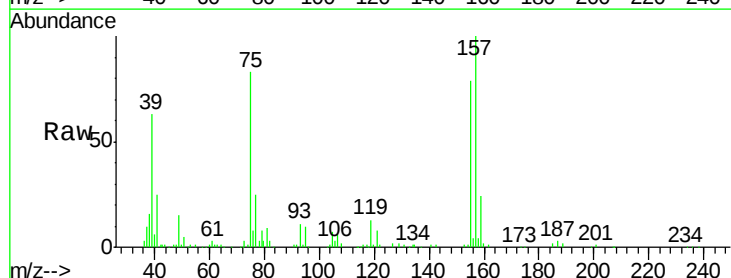
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

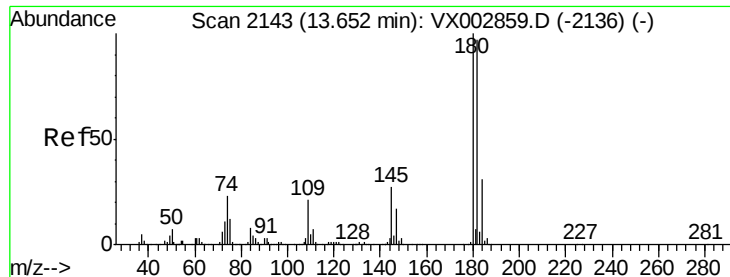
Tgt Ion:146 Resp: 158649
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.259 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion: 75 Resp: 20019
 Ion Ratio Lower Upper
 75 100
 155 95.7 45.8 137.4
 157 121.2 60.1 180.3

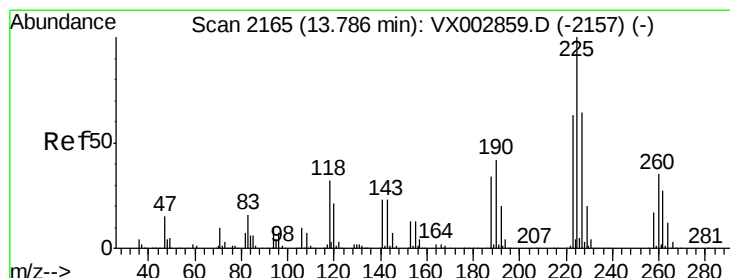
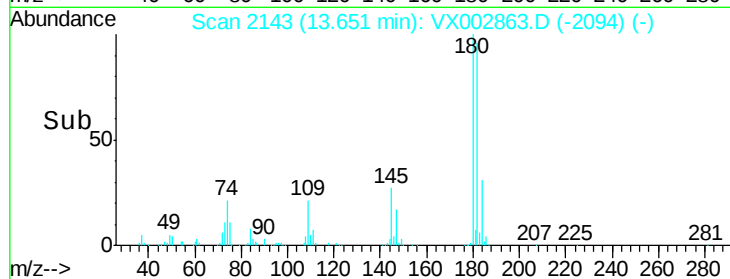
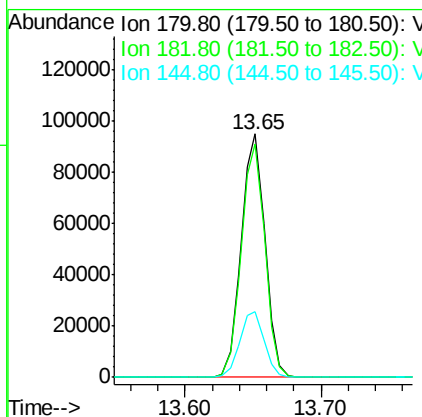
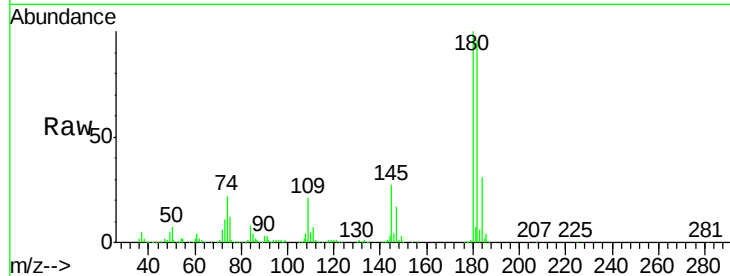




#93
 1,2,4-Trichlorobenzene
 Concen: 20.160 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

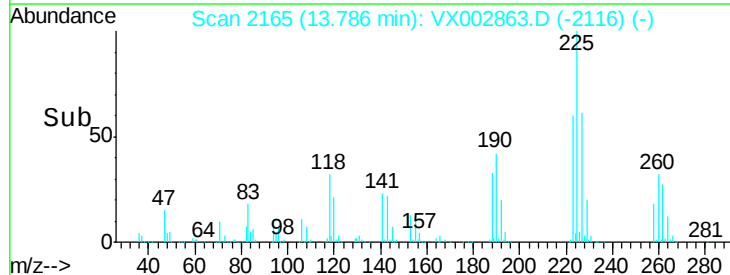
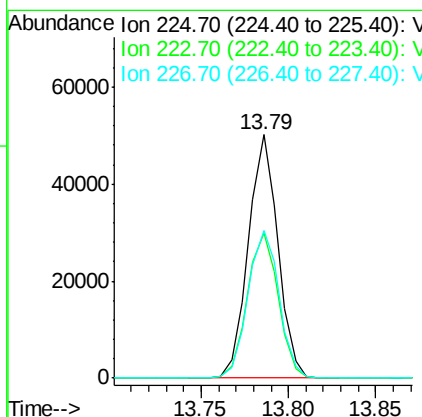
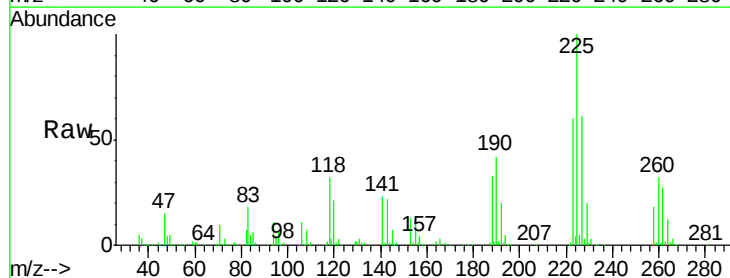
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

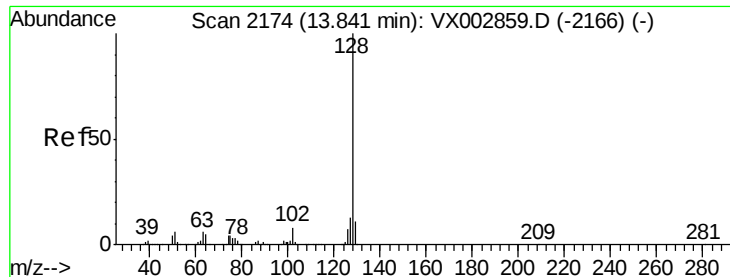
Tgt Ion:180 Resp: 115617
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.561 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002863.D
 Acq: 25 Jun 2018 14:00

Tgt Ion:225 Resp: 58811
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 20.907 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

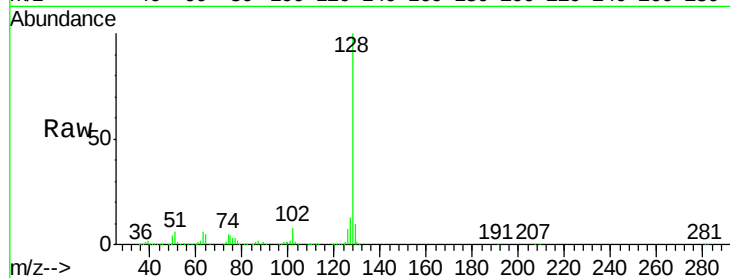
Tgt Ion:128 Resp: 319350

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

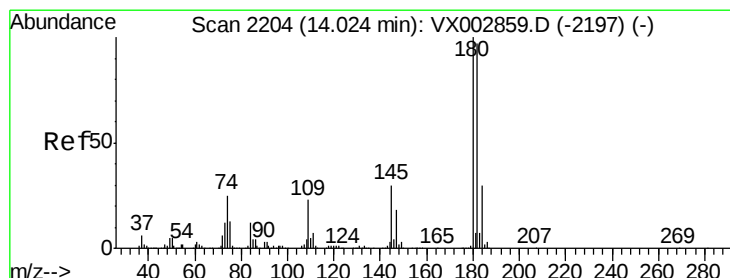
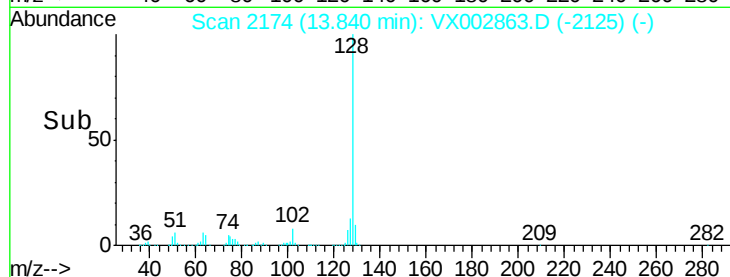
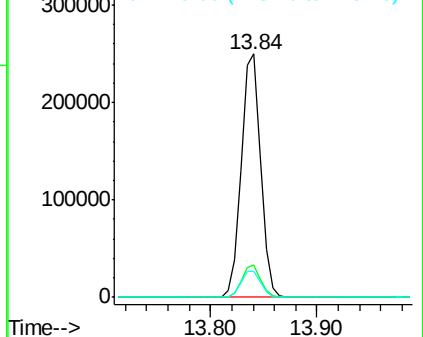
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.524 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002863.D

Acq: 25 Jun 2018 14:00

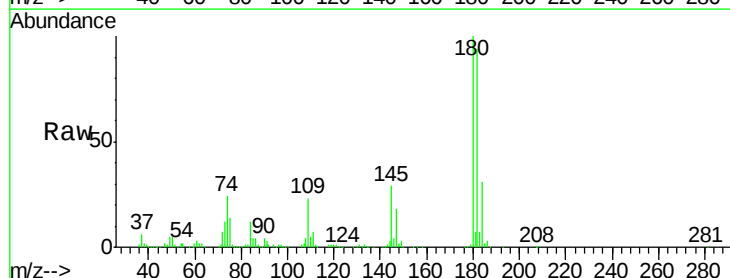
Tgt Ion:180 Resp: 117563

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 29.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

