

Data File : VX001231.D

Acq On : 28 Apr 2018 23:37

Operator : JC/MD

Sample : VX0428WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Quant Time: Apr 30 01:39:30 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	261763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130045	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	5.51	113	106449	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.72	98	401034	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.15	95	150696	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38733	19.23	ug/l	99
3) Chloromethane	1.32	50	38993	18.48	ug/l	99
4) Vinyl Chloride	1.40	62	43620	19.49	ug/l	99
5) Bromomethane	1.64	94	32295	22.35	ug/l	100
6) Chloroethane	1.73	64	28184	20.00	ug/l	96
7) Trichlorofluoromethane	1.93	101	76248	21.09	ug/l	98
8) Diethyl Ether	2.19	74	26729	19.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41736	20.95	ug/l	100
10) Methyl Iodide	2.51	142	39481	23.54	ug/l	98
11) Tert butyl alcohol	3.08	59	54594	92.98	ug/l	97
12) 1,1-Dichloroethene	2.38	96	38943	20.05	ug/l	96
13) Acrolein	2.30	56	17275	77.82	ug/l	100
14) Allyl chloride	2.73	41	69520	19.62	ug/l	98
15) Acrylonitrile	3.15	53	116828	93.17	ug/l	99
16) Acetone	2.45	43	110270	90.06	ug/l	99
17) Carbon Disulfide	2.57	76	92497	18.66	ug/l	100
18) Methyl Acetate	2.78	43	62002	20.24	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	140257	19.62	ug/l	99
20) Methylene Chloride	2.86	84	43500	19.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41801	19.47	ug/l	96
22) Diisopropyl ether	3.88	45	130291	18.38	ug/l	95
23) Vinyl Acetate	3.83	43	551607	91.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71189	19.10	ug/l	98
25) 2-Butanone	4.71	43	159615	87.12	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42844	14.61	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	45818	19.49	ug/l	96
28) Bromochloromethane	5.03	49	32258	19.31	ug/l	97
29) Tetrahydrofuran	5.17	42	103377	87.76	ug/l	99
30) Chloroform	5.22	83	76748	19.37	ug/l	97
31) Cyclohexane	5.58	56	61611	19.46	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	66362	19.40	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56499	19.59	ug/l	99
37) Ethyl Acetate	4.87	43	62680	18.15	ug/l	99
38) Carbon Tetrachloride	5.79	117	58875	19.91	ug/l	93

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Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Quant Time: Apr 30 01:39:30 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	62129	19.46	ug/l	98
40) Benzene	6.15	78	167943	20.13	ug/l	97
41) Methacrylonitrile	5.07	41	34950	18.01	ug/l	97
42) 1,2-Dichloroethane	6.21	62	65572	19.50	ug/l	99
43) Isopropyl Acetate	6.48	43	98324	18.12	ug/l	99
44) Trichloroethene	7.22	130	50635	20.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	42506	19.37	ug/l	95
46) Dibromomethane	7.67	93	31007	20.40	ug/l	99
47) Bromodichloromethane	7.91	83	53658	19.43	ug/l	98
48) Methyl methacrylate	7.79	41	51728	17.94	ug/l	97
49) 1,4-Dioxane	7.76	88	21472	371.92	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	334683	93.92	ug/l	98
52) Toluene	8.79	92	109281	20.03	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	59000	18.38	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	53422	17.54	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	45659	19.78	ug/l	100
56) Ethyl methacrylate	9.19	69	63087	18.44	ug/l	98
57) 1,3-Dichloropropane	9.38	76	74107	19.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	151394	93.62	ug/l	100
59) 2-Hexanone	9.51	43	253841	90.91	ug/l	99
60) Dibromochloromethane	9.59	129	45357	19.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	48636	20.11	ug/l	100
64) Tetrachloroethene	9.34	164	57909	21.79	ug/l	98
65) Chlorobenzene	10.15	112	129676	19.88	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	45755	20.27	ug/l	99
67) Ethyl Benzene	10.26	91	212740	20.07	ug/l	98
68) m/p-Xylenes	10.37	106	168523	40.22	ug/l	99
69) o-Xylene	10.71	106	81906	20.16	ug/l	100
70) Styrene	10.72	104	134287	19.86	ug/l	99
71) Bromoform	10.86	173	34981	18.23	ug/l #	97
73) Isopropylbenzene	11.02	105	218288	19.83	ug/l	99
74) N-amyl acetate	6.48	43	98324	17.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68062	18.64	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	71205	20.71	ug/l	91
77) Bromobenzene	11.26	156	64402	19.73	ug/l	97
78) n-propylbenzene	11.37	91	246552	20.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	148285	19.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186798	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	12547	15.56	ug/l	87
82) 4-Chlorotoluene	11.52	91	177652	19.65	ug/l	100
83) tert-Butylbenzene	11.77	119	180234	19.38	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	193416	20.19	ug/l	99
85) sec-Butylbenzene	11.95	105	219583	20.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	201018	19.89	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	115373	19.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118302	19.38	ug/l	99
89) n-Butylbenzene	12.40	91	170556	19.50	ug/l	99
90) Hexachloroethane	12.60	117	27717	19.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	115903	19.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13782	17.10	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Quantitation Report (Not Reviewed)

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Sample : VX0428WBS02
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Instrument :
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ClientSampleId :
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Quant Time: Apr 30 01:39:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

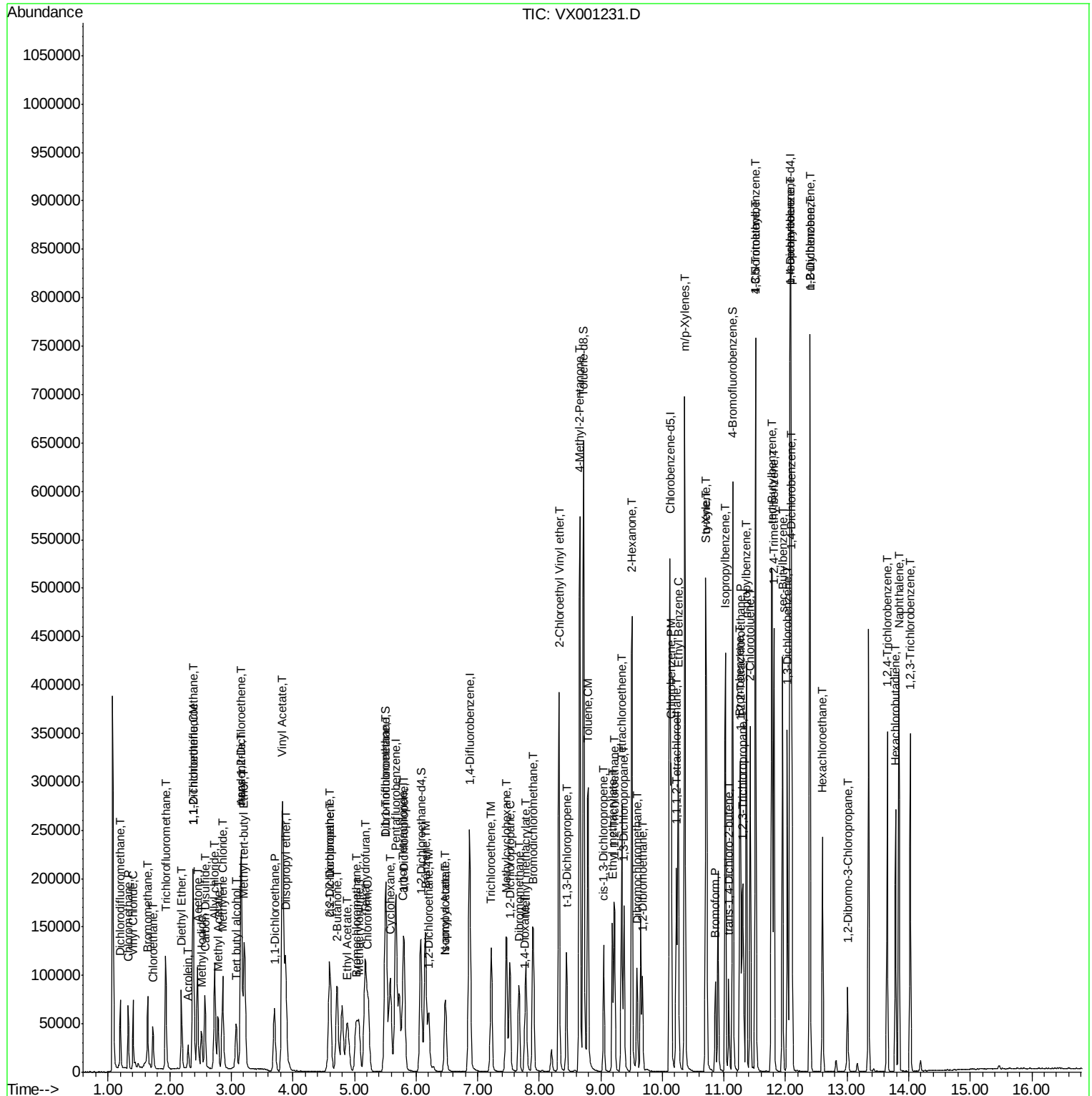
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88531	19.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	42811	19.62	ug/l	99
95) Naphthalene	13.84	128	248619	19.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91862	19.88	ug/l	98

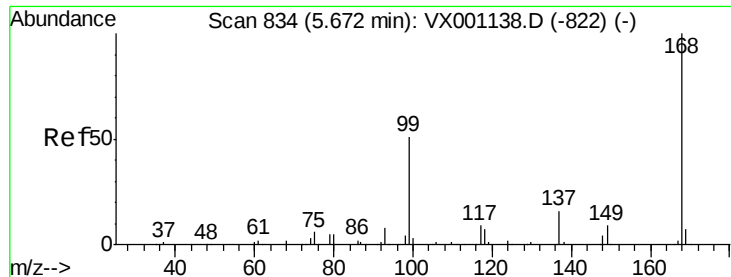
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 28 Sample Multiplier: 1

VX0428WBS02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

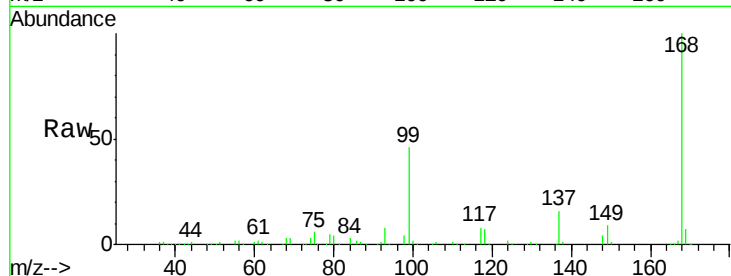
VX0428WBS02

Tgt Ion:168 Resp: 192085

Ion Ratio Lower Upper

168 100

99 45.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

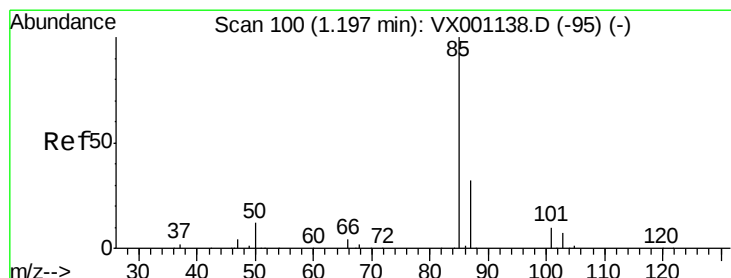
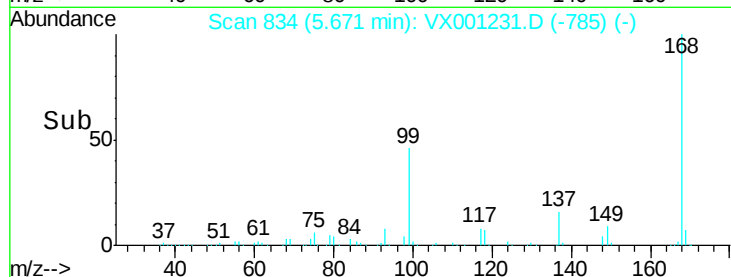
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001231.D

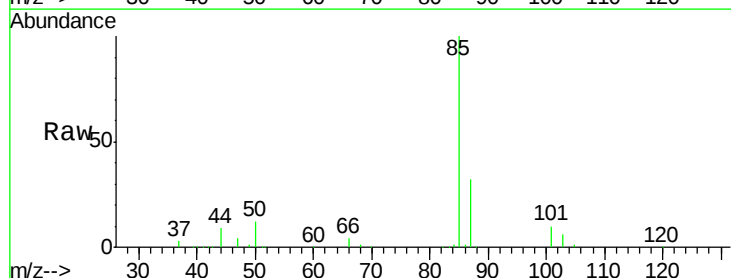
Acq: 28 Apr 2018 23:37

Tgt Ion: 85 Resp: 38733

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

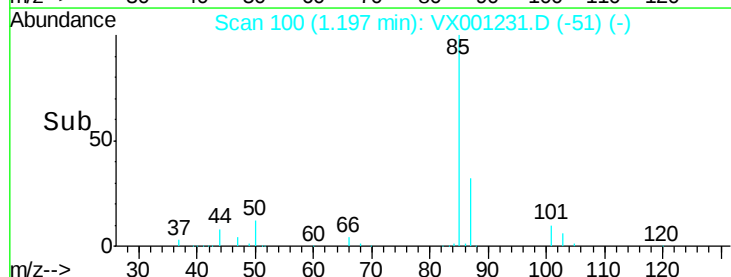
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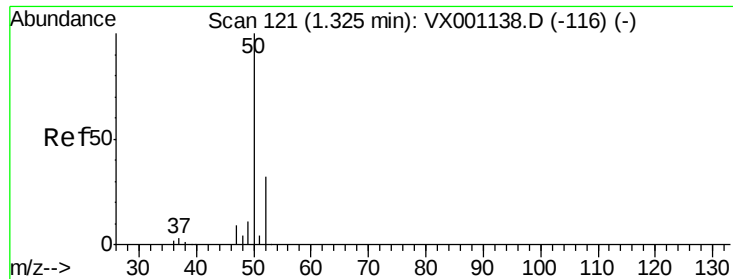
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

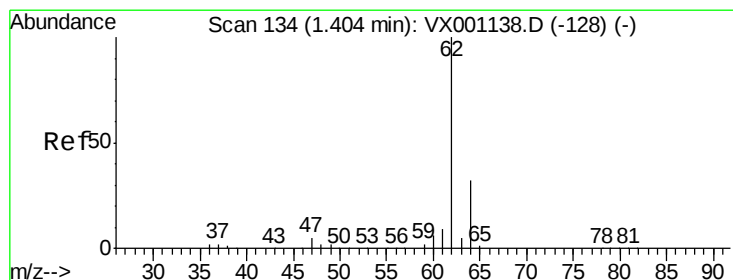
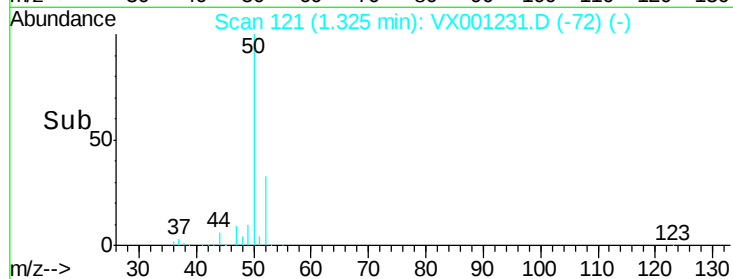
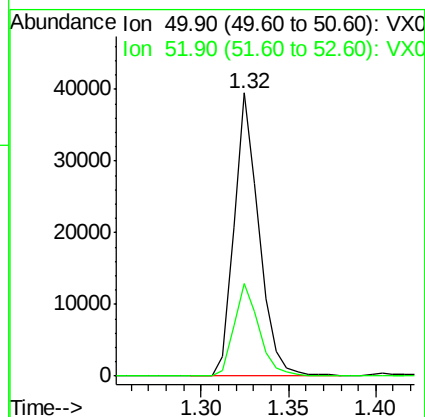
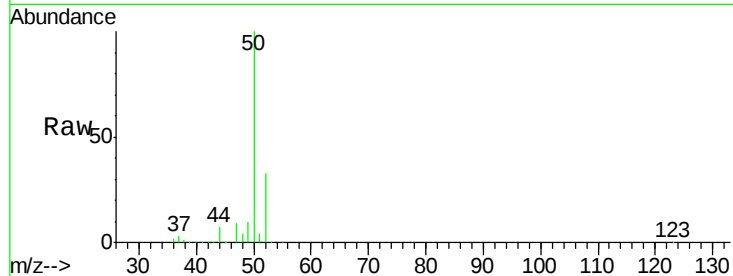
VX0428WBS02

Tgt Ion: 50 Resp: 38993

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 19.49 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001231.D

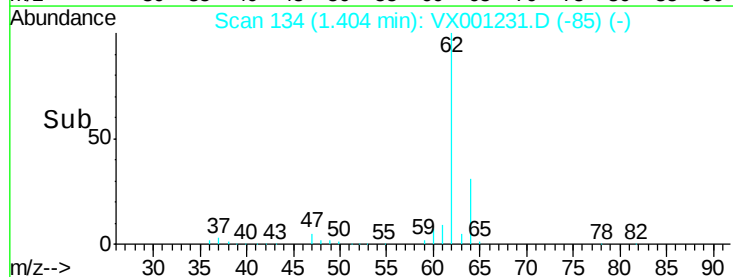
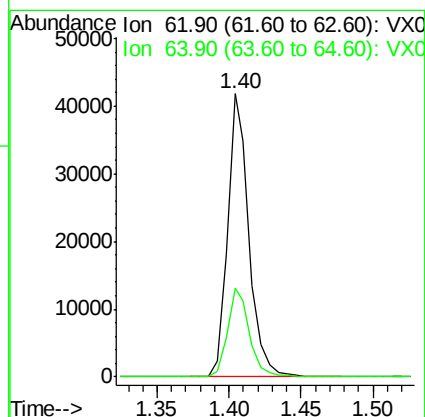
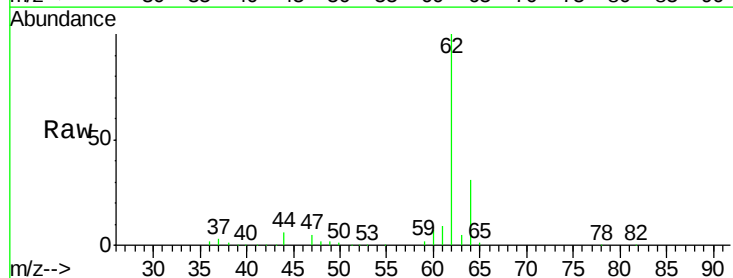
Acq: 28 Apr 2018 23:37

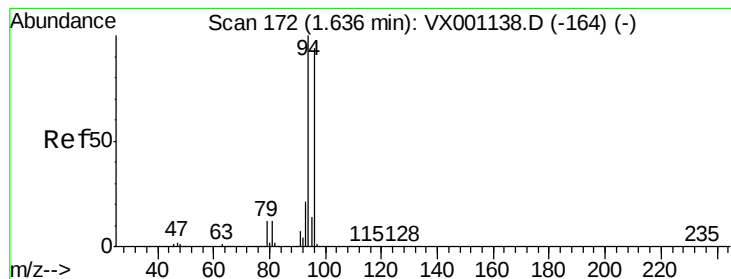
Tgt Ion: 62 Resp: 43620

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 22.35 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

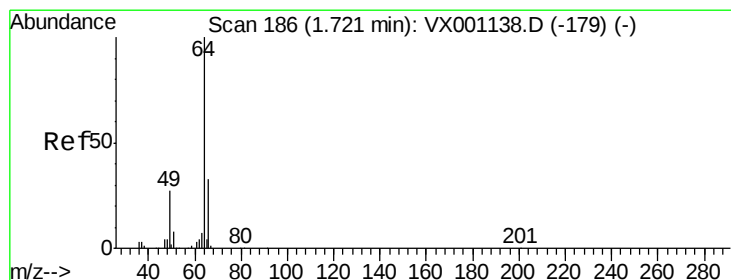
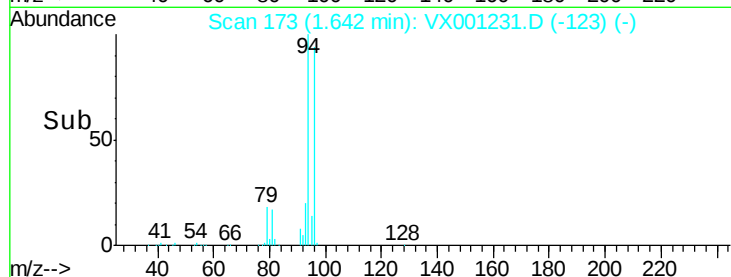
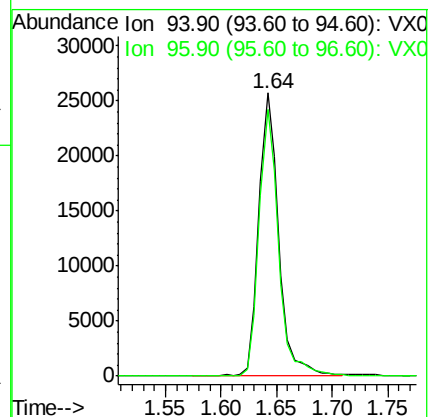
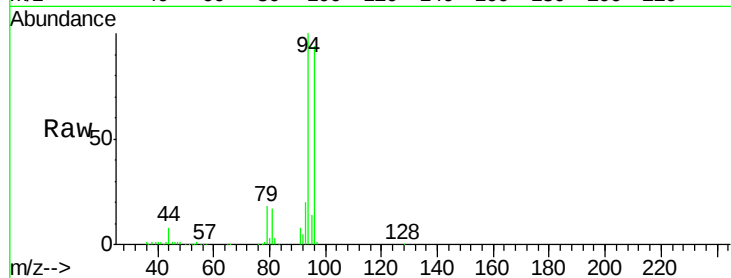
VX0428WBS02

Tgt Ion: 94 Resp: 32295

Ion Ratio Lower Upper

94 100

96 94.5 75.3 112.9



#6

Chloroethane

Concen: 20.00 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001231.D

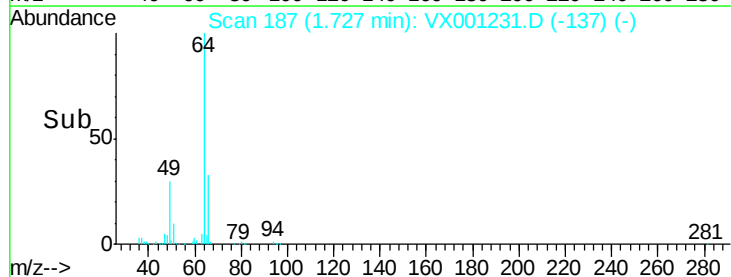
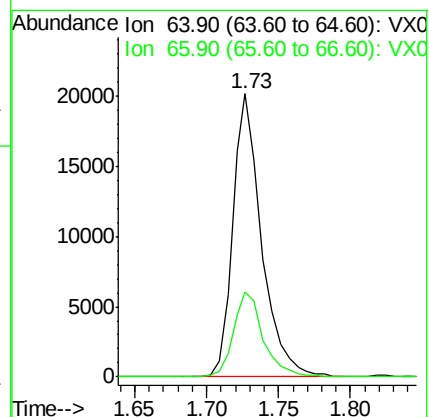
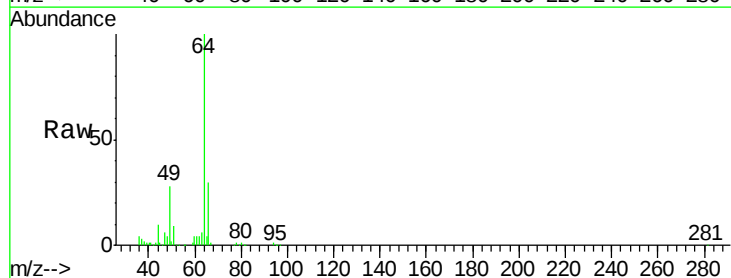
Acq: 28 Apr 2018 23:37

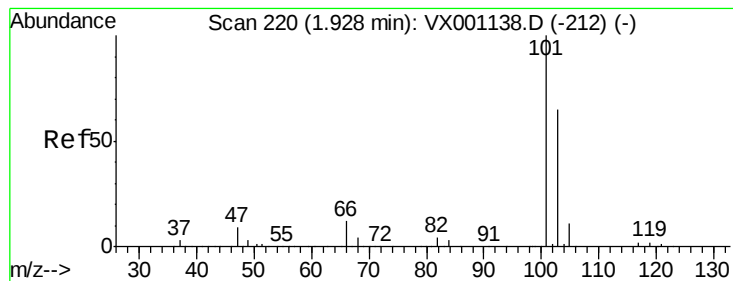
Tgt Ion: 64 Resp: 28184

Ion Ratio Lower Upper

64 100

66 30.1 26.1 39.1



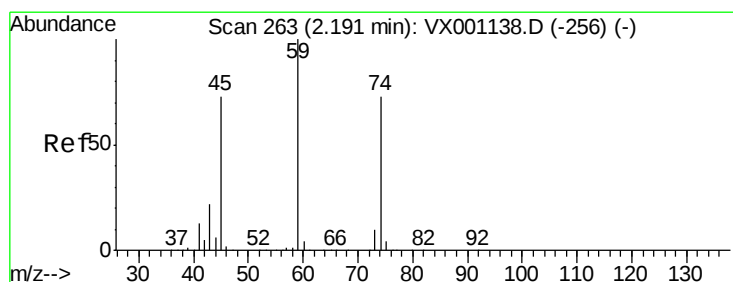
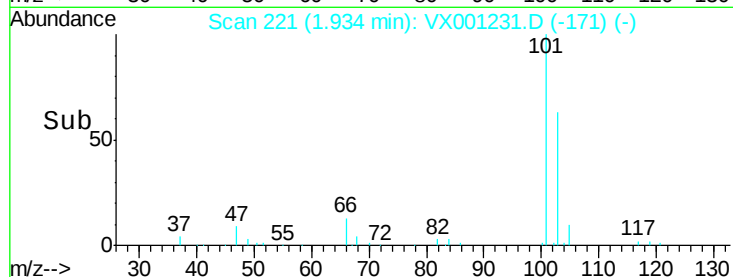
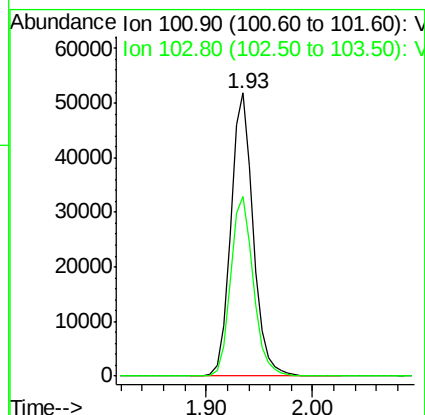
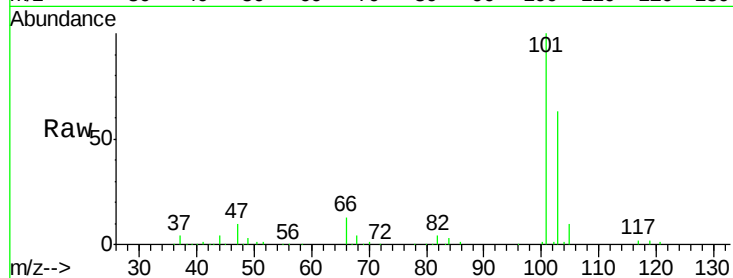


#7

Trichlorofluoromethane
 Concen: 21.09 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

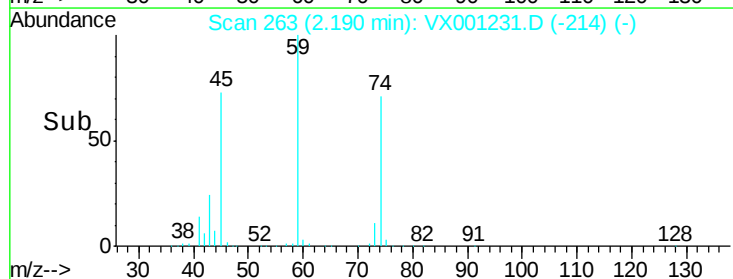
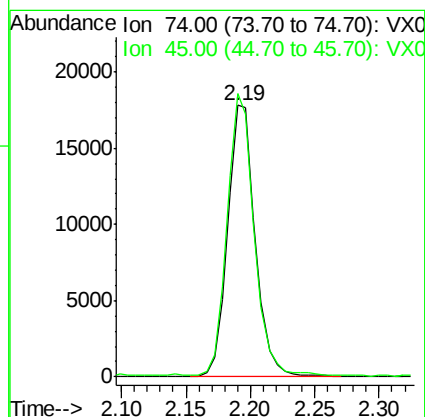
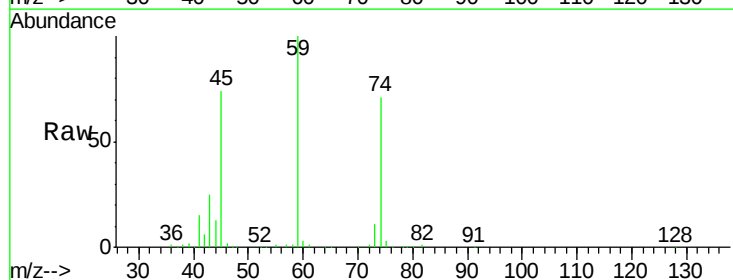
Tgt Ion:101 Resp: 76248
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.9 77.9

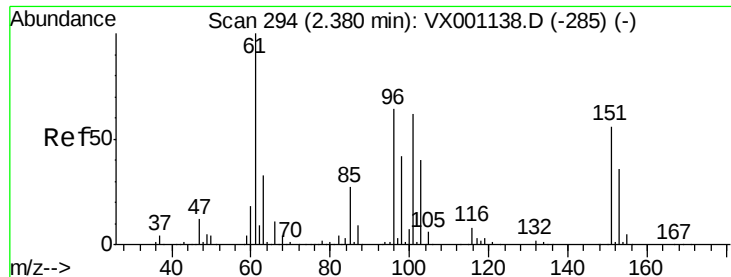


#8

Diethyl Ether
 Concen: 19.23 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 74 Resp: 26729
 Ion Ratio Lower Upper
 74 100
 45 103.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

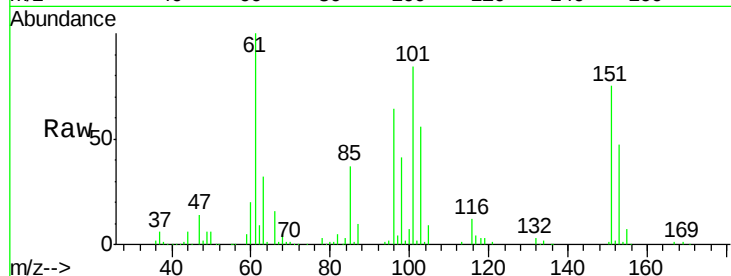
Tgt Ion:101 Resp: 41736

Ion Ratio Lower Upper

101 100

85 44.6 35.4 53.0

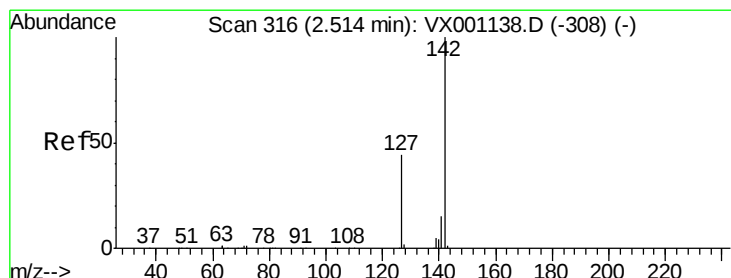
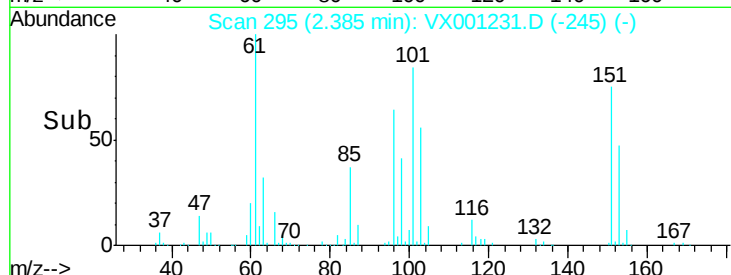
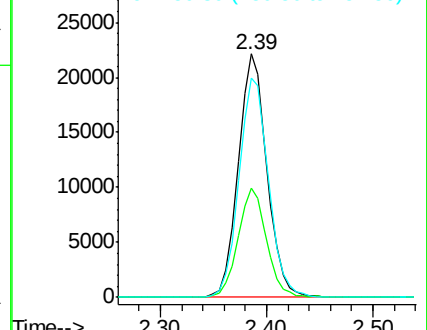
151 92.7 74.2 111.4



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: 23.54 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

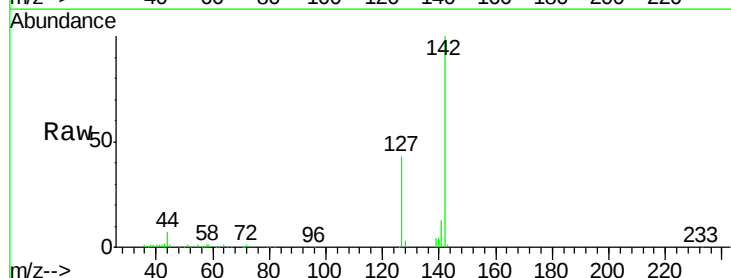
Tgt Ion:142 Resp: 39481

Ion Ratio Lower Upper

142 100

127 45.0 34.7 52.1

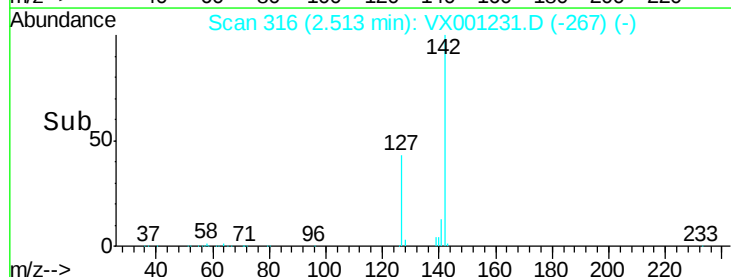
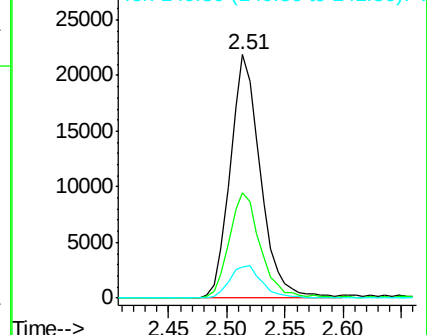
141 14.4 11.6 17.4

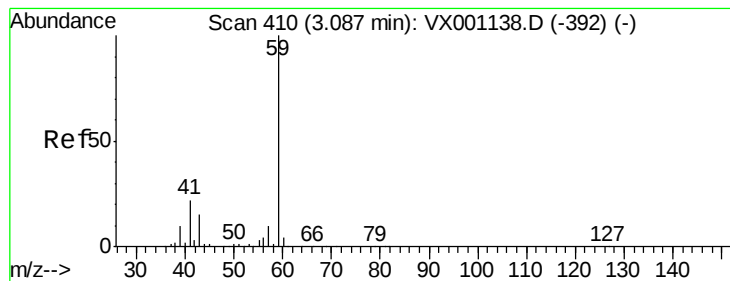


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



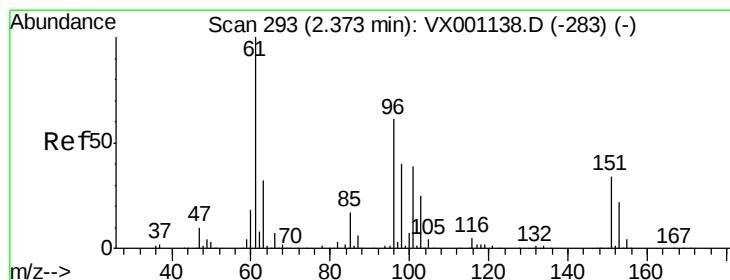
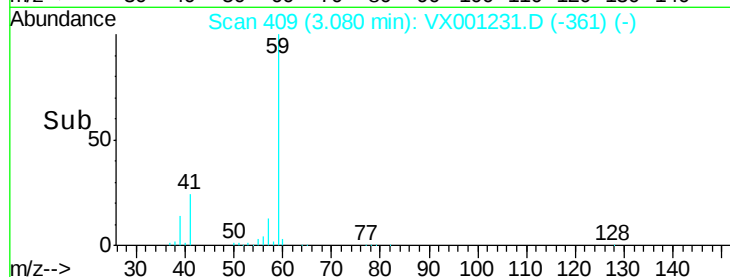
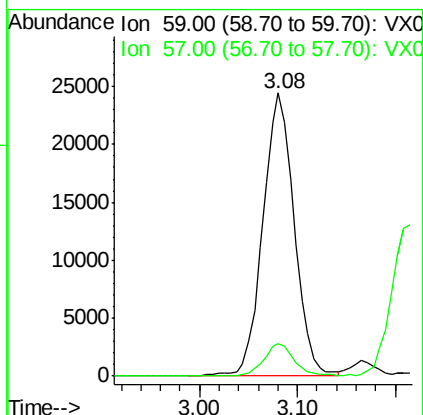
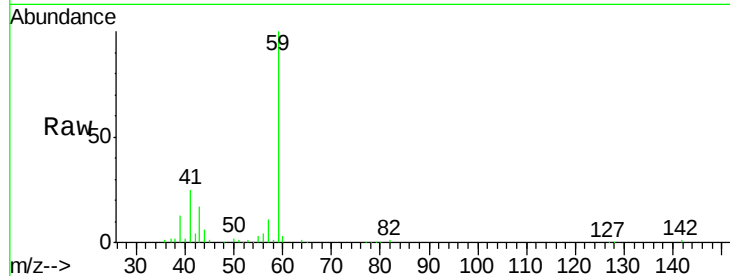


#11

Tert butyl alcohol
 Concen: 92.98 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

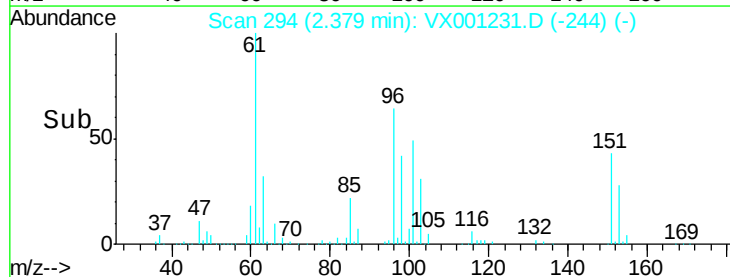
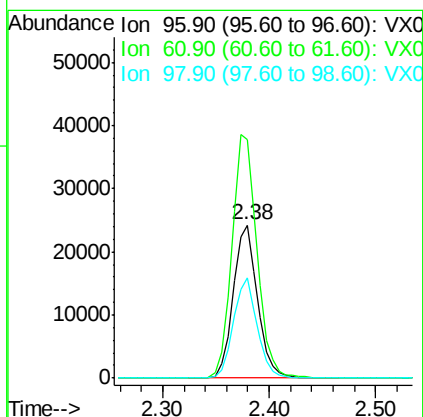
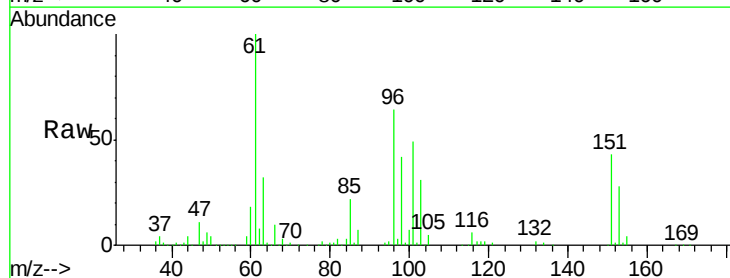
Tgt Ion: 59 Resp: 54594
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.2 12.4

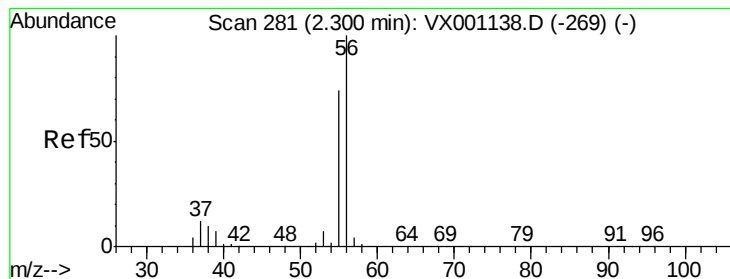


#12

1,1-Dichloroethene
 Concen: 20.05 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 96 Resp: 38943
 Ion Ratio Lower Upper
 96 100
 61 155.9 130.2 195.4
 98 65.5 51.5 77.3





#13

Acrolein

Concen: 77.82 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

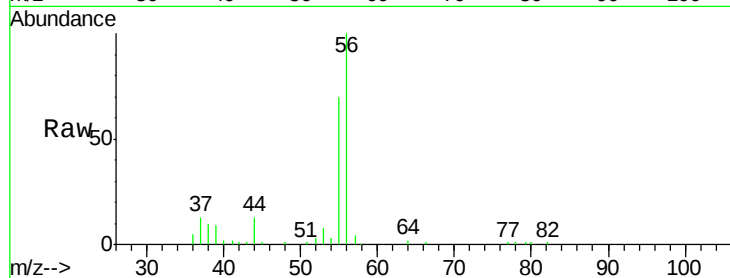
VX0428WBS02

Tgt Ion: 56 Resp: 17275

Ion Ratio Lower Upper

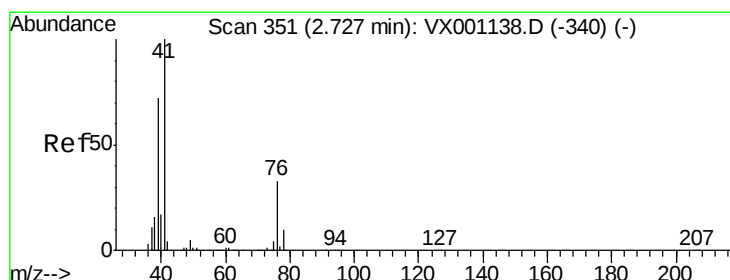
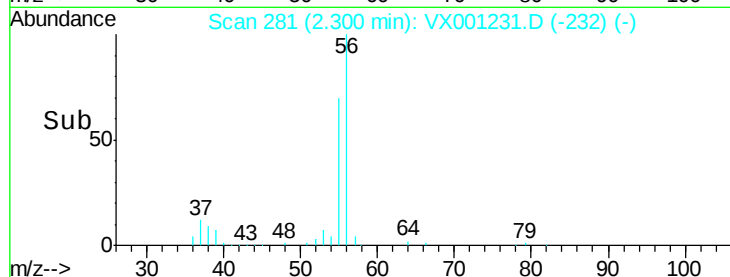
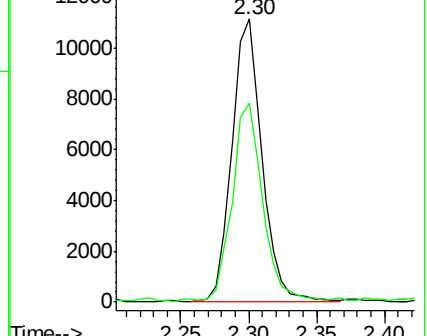
56 100

55 71.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.62 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

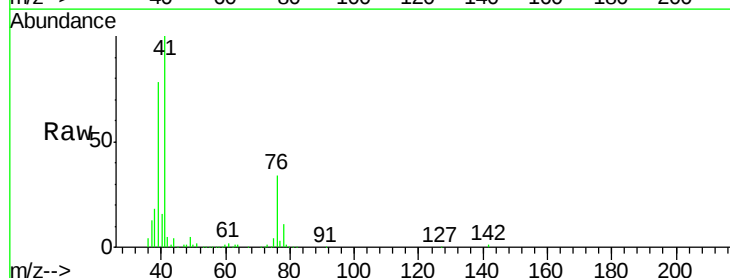
Tgt Ion: 41 Resp: 69520

Ion Ratio Lower Upper

41 100

39 71.7 55.6 83.4

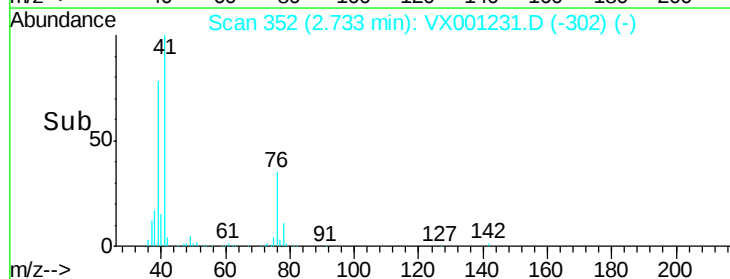
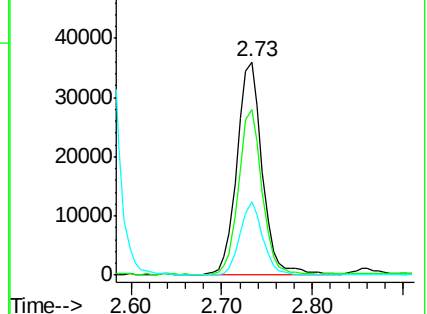
76 31.1 24.8 37.2

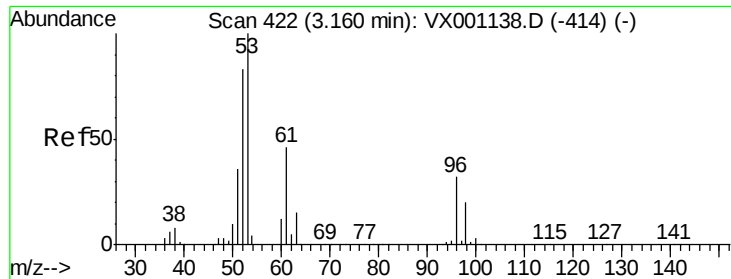


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.17 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

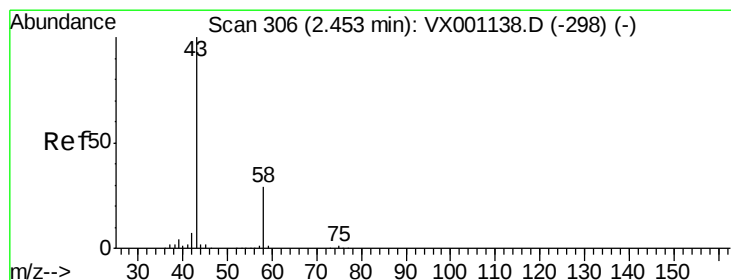
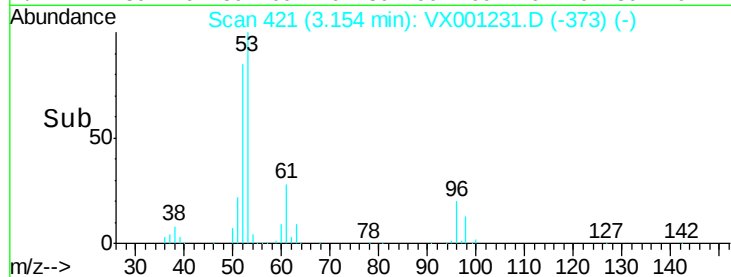
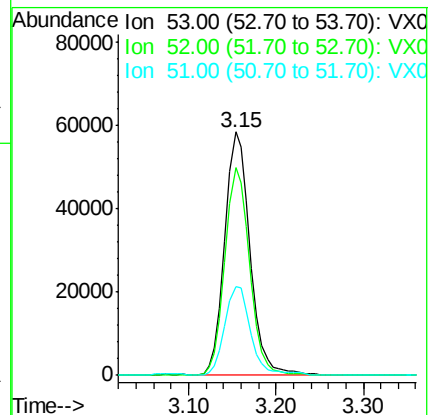
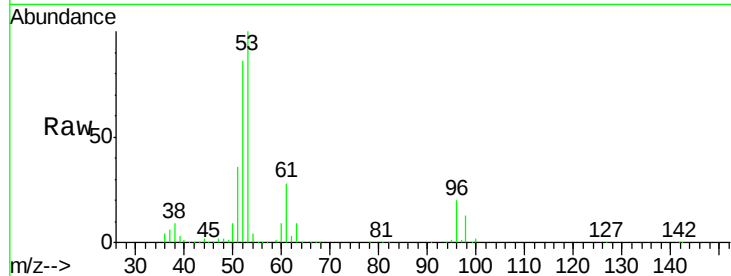
Tgt Ion: 53 Resp: 116828

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 37.6 29.5 44.3



#16

Acetone

Concen: 90.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001231.D

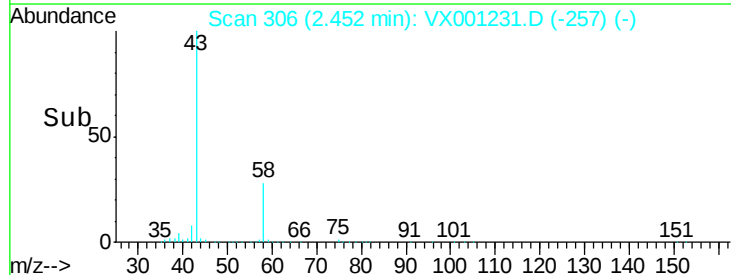
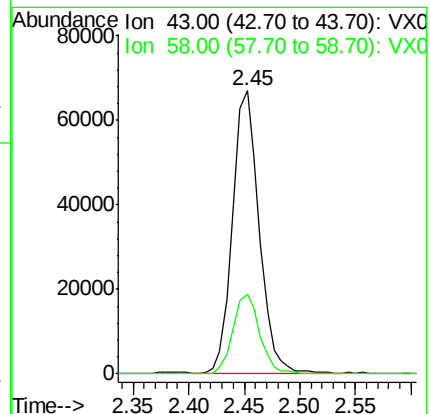
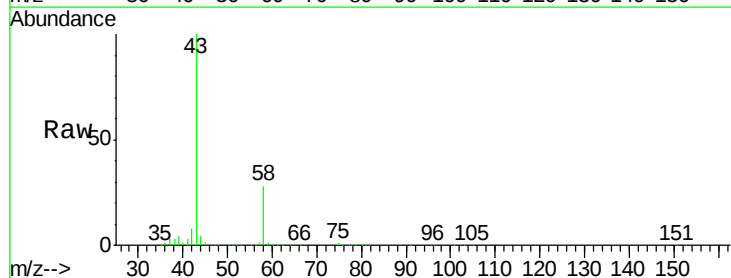
Acq: 28 Apr 2018 23:37

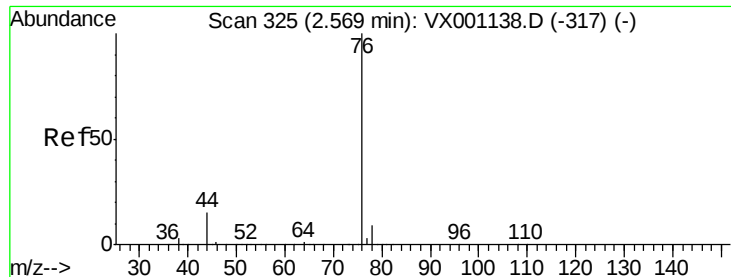
Tgt Ion: 43 Resp: 110270

Ion Ratio Lower Upper

43 100

58 28.2 23.0 34.6

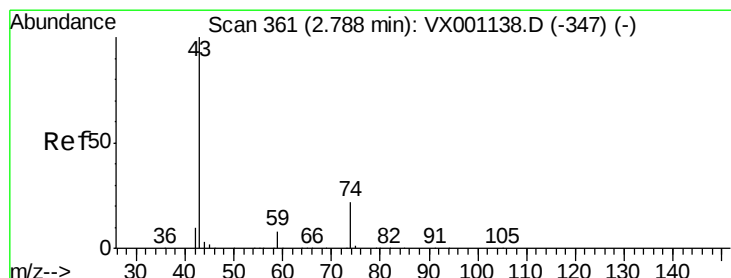
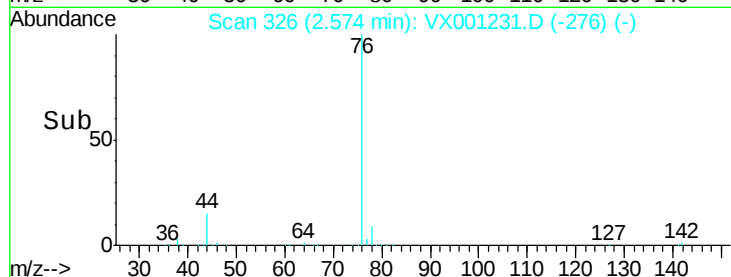
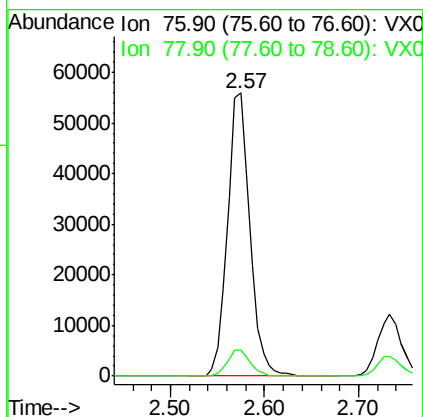
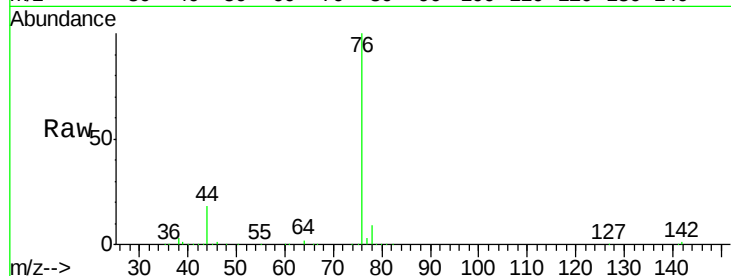




#17
Carbon Disulfide
Concen: 18.66 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

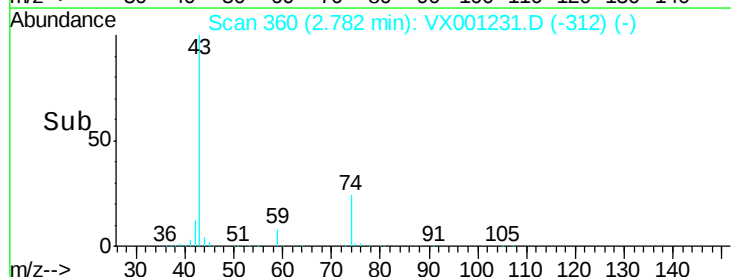
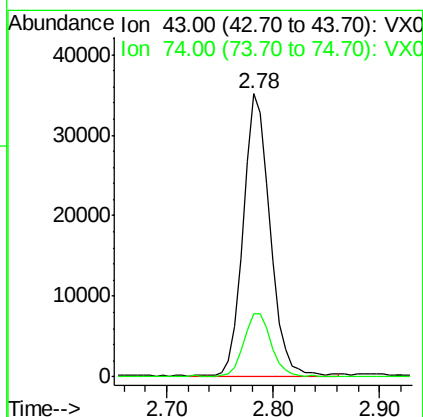
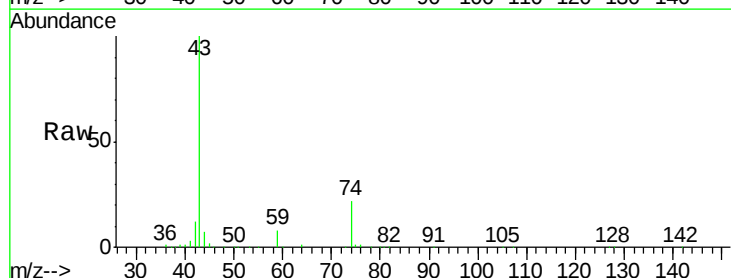
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

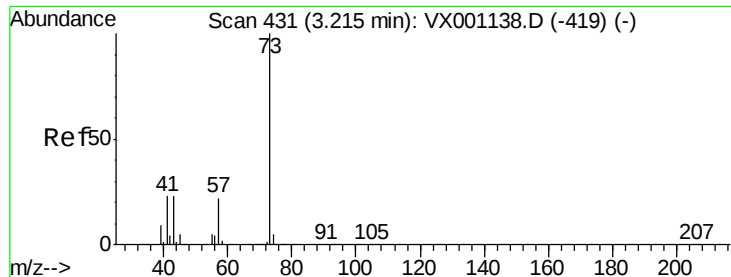
Tgt Ion: 76 Resp: 92497
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 20.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 43 Resp: 62002
Ion Ratio Lower Upper
43 100
74 23.4 18.1 27.1





#19

Methyl tert-butyl Ether

Concen: 19.62 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

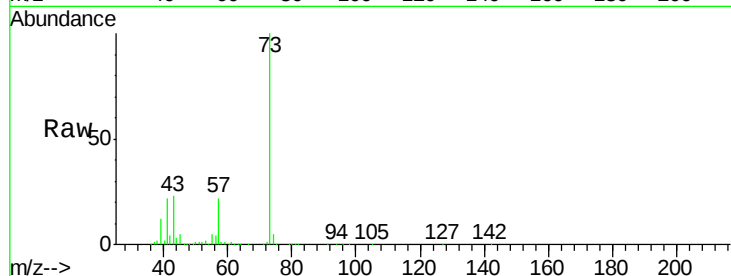
VX0428WBS02

Tgt Ion: 73 Resp: 140257

Ion Ratio Lower Upper

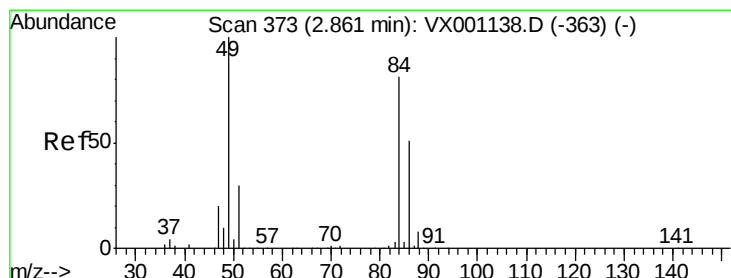
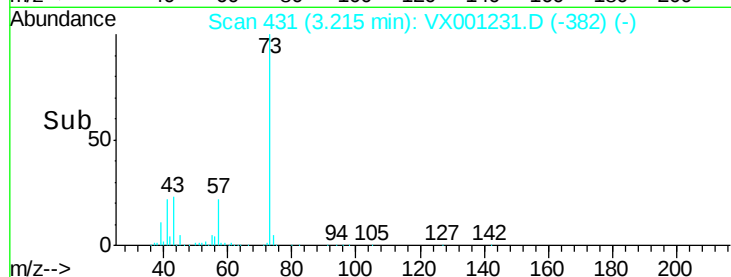
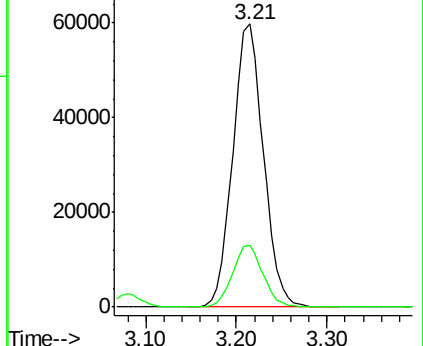
73 100

57 21.8 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.08 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion: 84 Resp: 43500

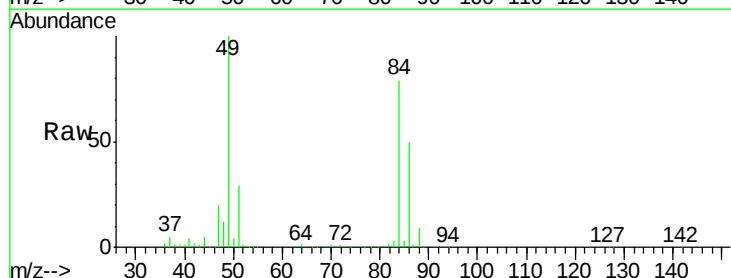
Ion Ratio Lower Upper

84 100

49 126.0 99.2 148.8

51 36.6 29.5 44.3

86 63.6 50.2 75.2

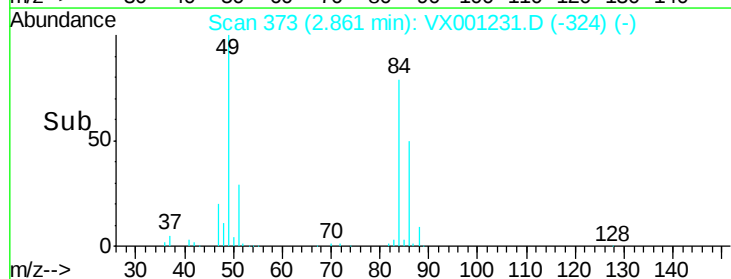
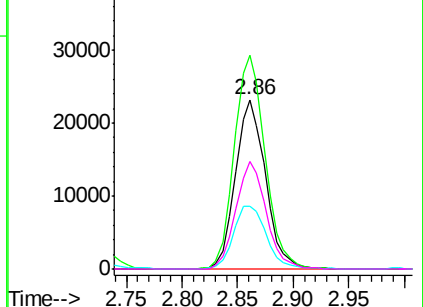


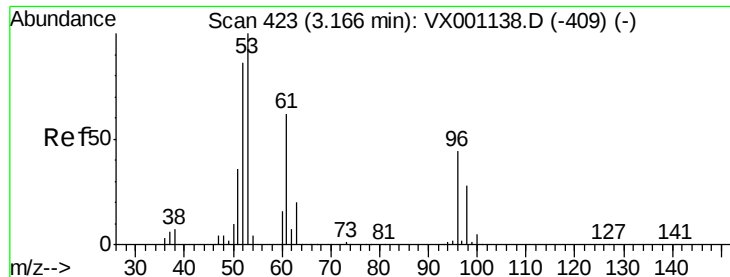
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

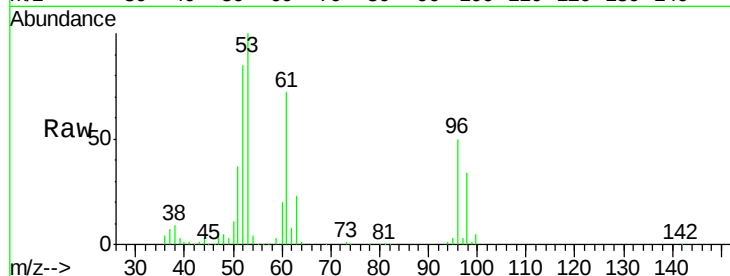
Tgt Ion: 96 Resp: 41801

Ion Ratio Lower Upper

96 100

61 143.9 111.9 167.9

98 67.1 51.1 76.7

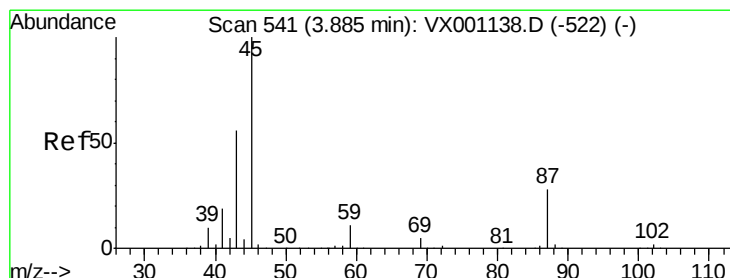
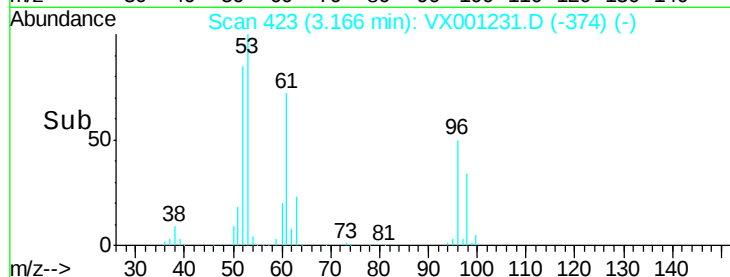
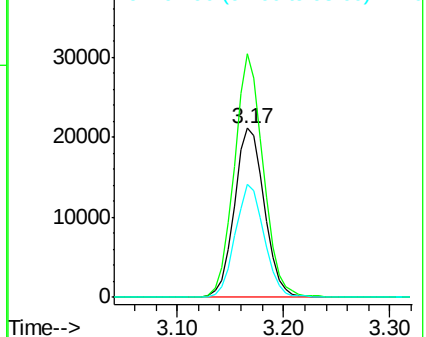


Abundance

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: 18.38 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion: 45 Resp: 130291

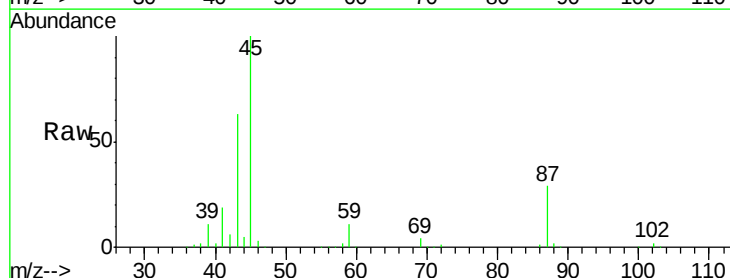
Ion Ratio Lower Upper

45 100

43 62.3 45.0 67.4

87 28.6 22.8 34.2

59 11.3 9.0 13.6



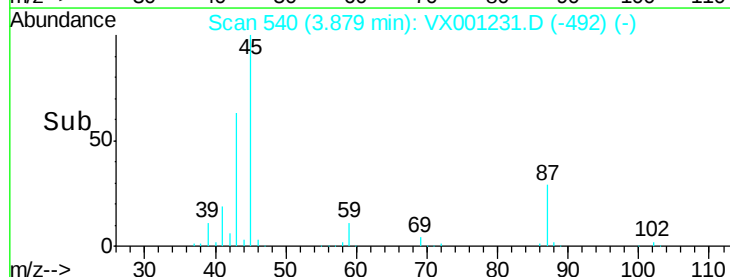
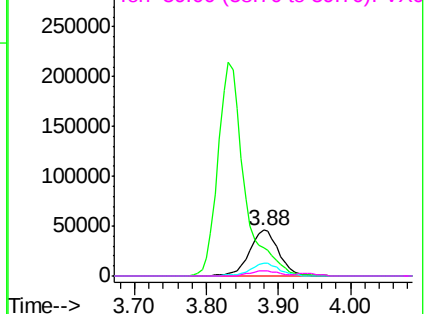
Abundance

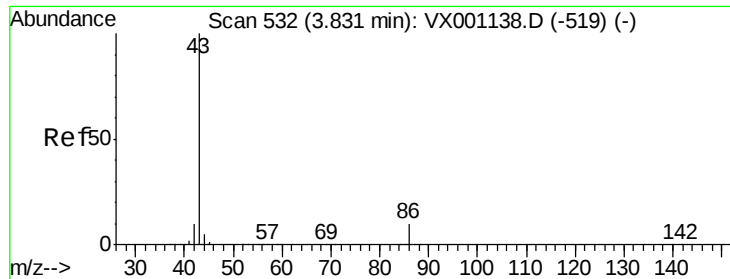
Ion 45.00 (44.70 to 45.70): VX0

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: 91.71 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

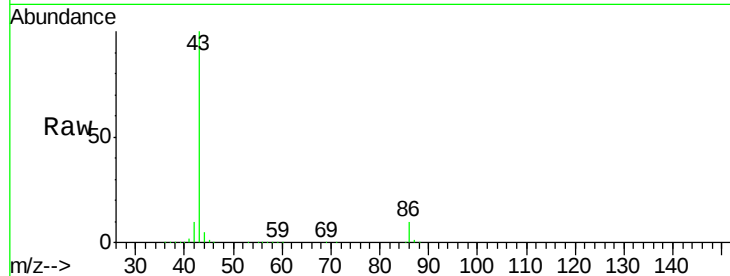
VX0428WBS02

Tgt Ion: 43 Resp: 551607

Ion Ratio Lower Upper

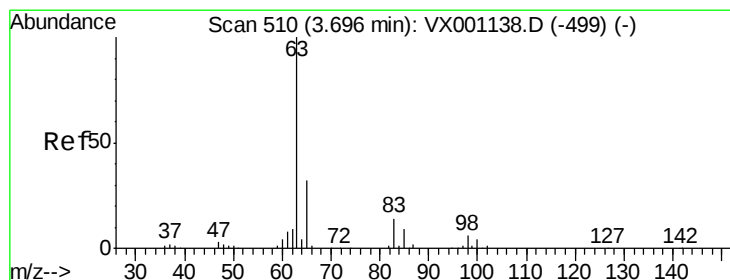
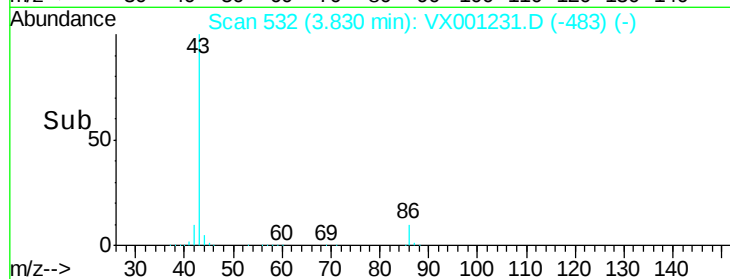
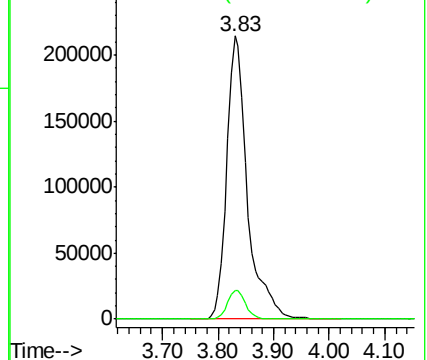
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.10 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

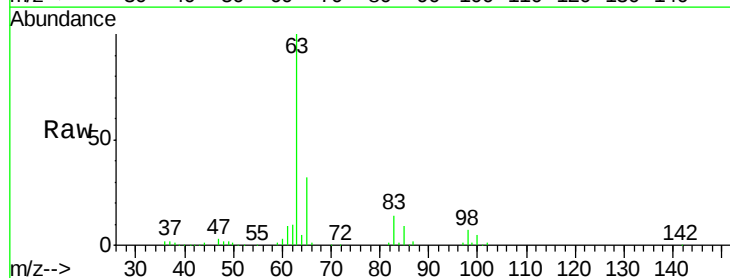
Tgt Ion: 63 Resp: 71189

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

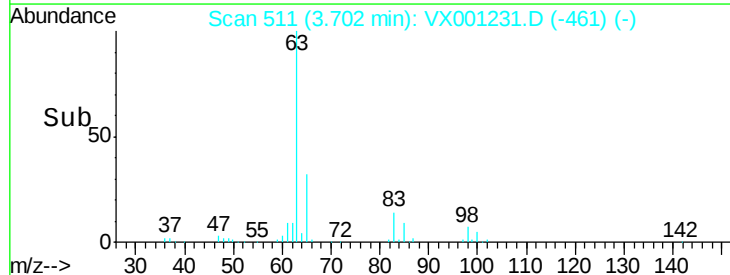
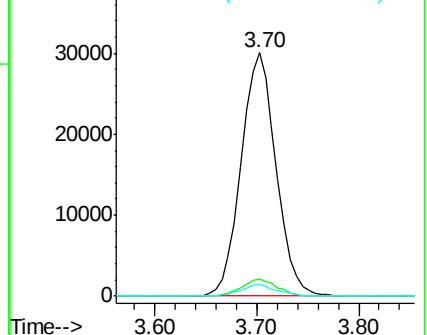
100 5.0 2.1 6.5

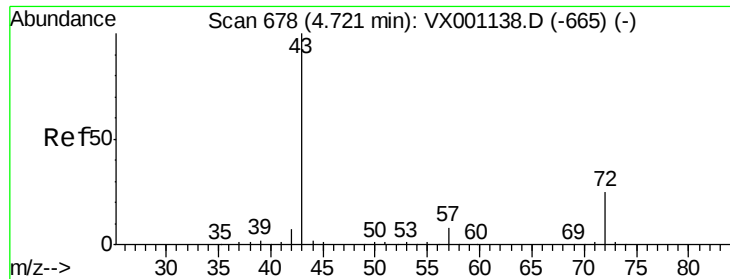


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.12 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

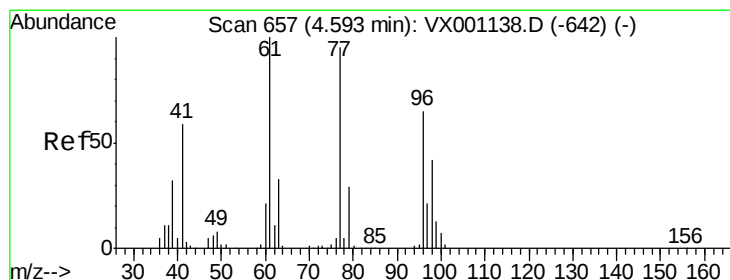
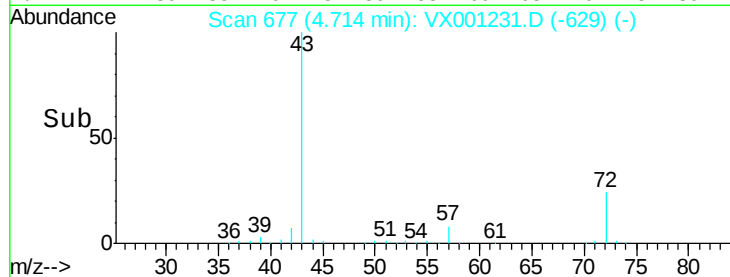
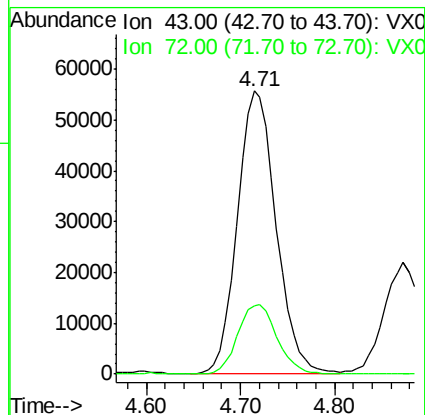
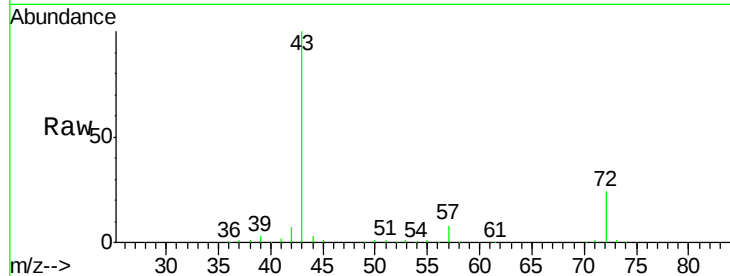
VX0428WBS02

Tgt Ion: 43 Resp: 159615

Ion Ratio Lower Upper

43 100

72 24.1 20.0 30.0



#26

2,2-Dichloropropane

Concen: 14.61 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001231.D

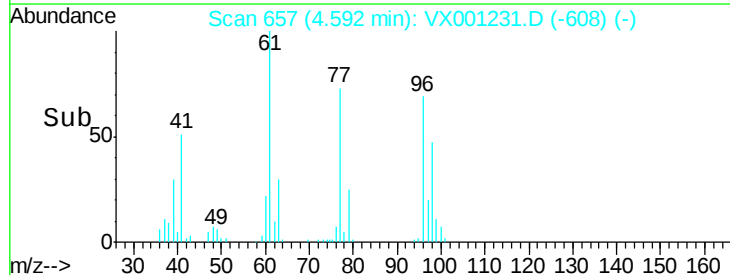
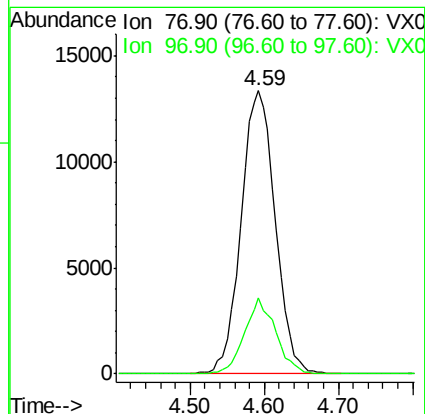
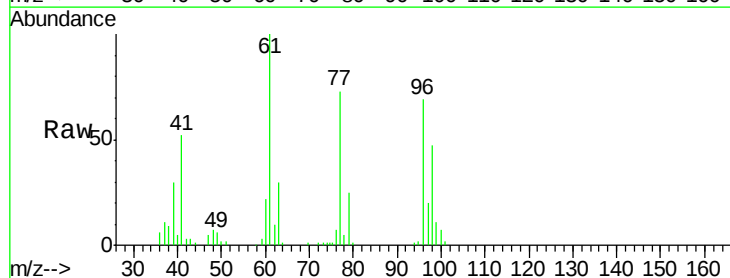
Acq: 28 Apr 2018 23:37

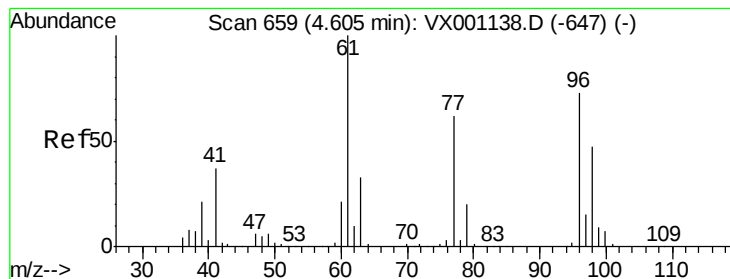
Tgt Ion: 77 Resp: 42844

Ion Ratio Lower Upper

77 100

97 24.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.49 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

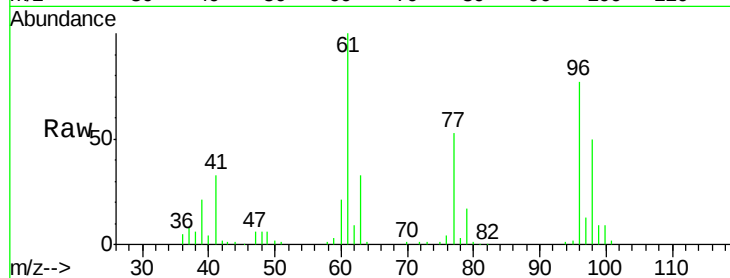
Tgt Ion: 96 Resp: 45818

Ion Ratio Lower Upper

96 100

61 138.7 0.0 289.0

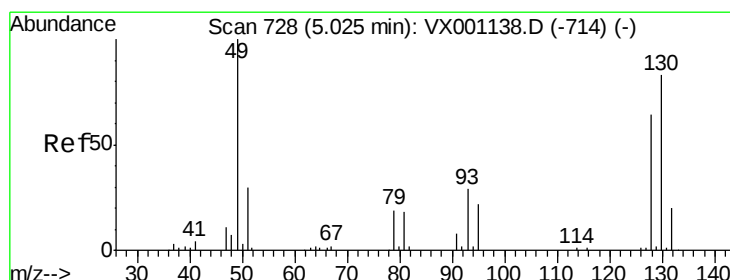
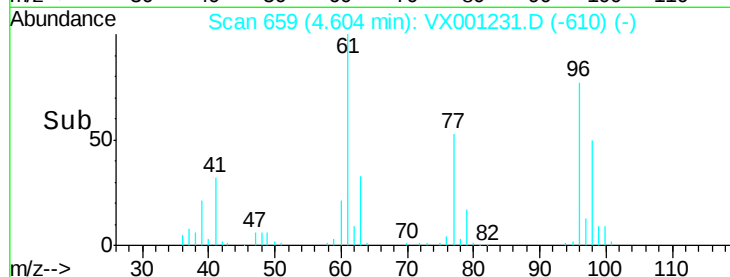
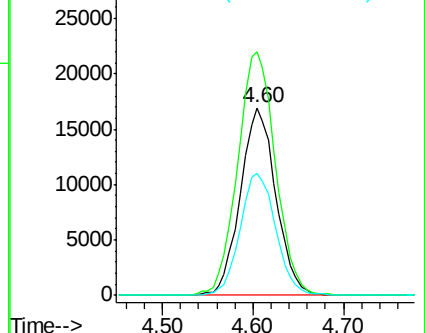
98 65.6 0.0 128.2



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



#28

Bromochloromethane

Concen: 19.31 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

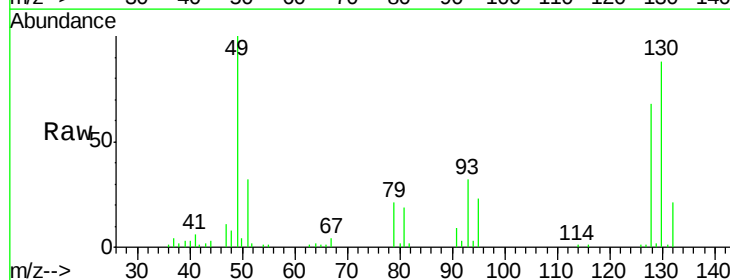
Tgt Ion: 49 Resp: 32258

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

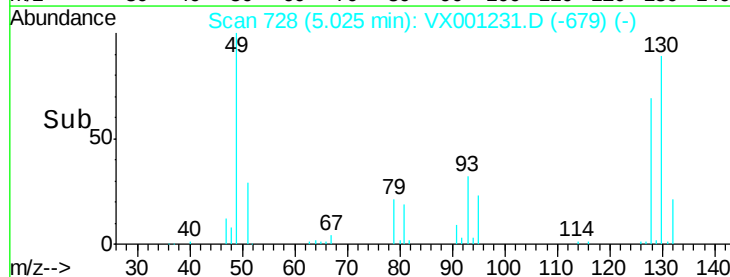
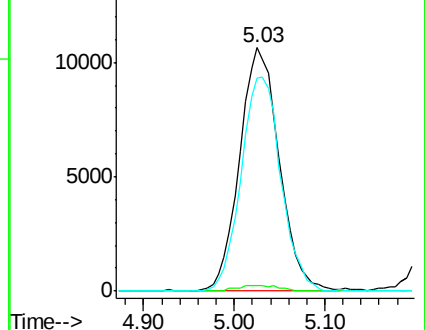
130 87.9 68.2 102.2

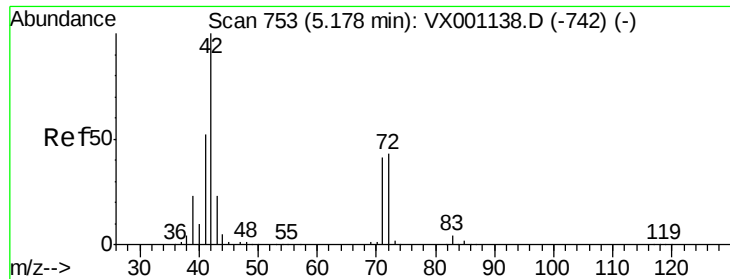


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

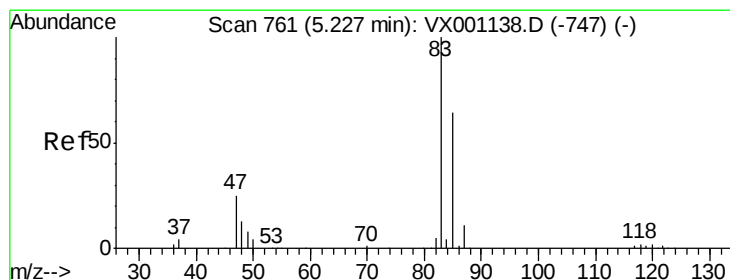
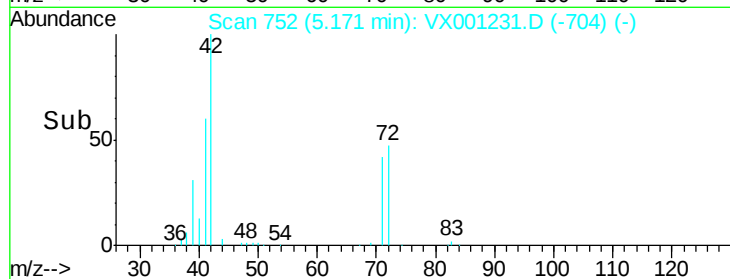
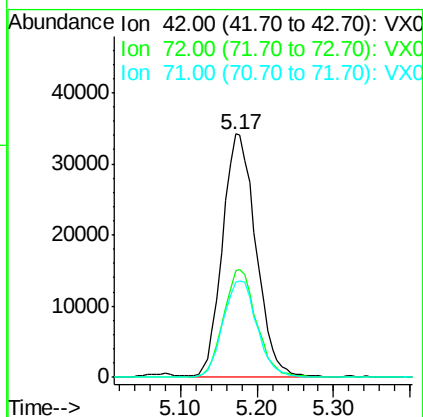
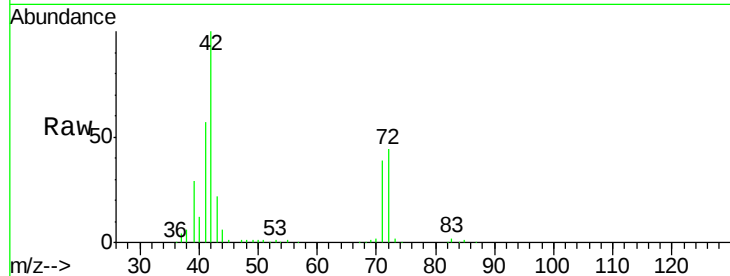




#29
Tetrahydrofuran
Concen: 87.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

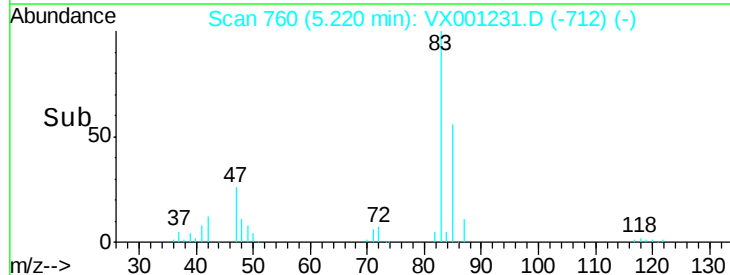
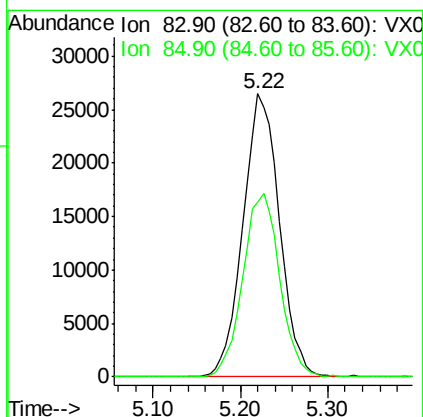
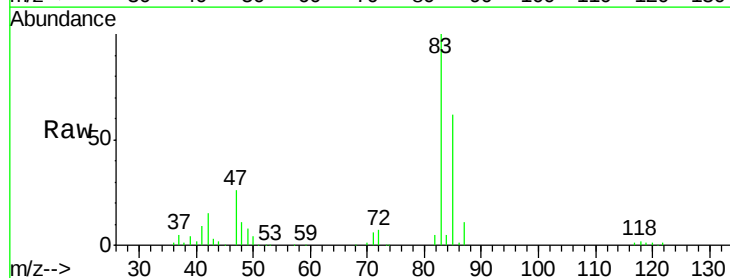
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

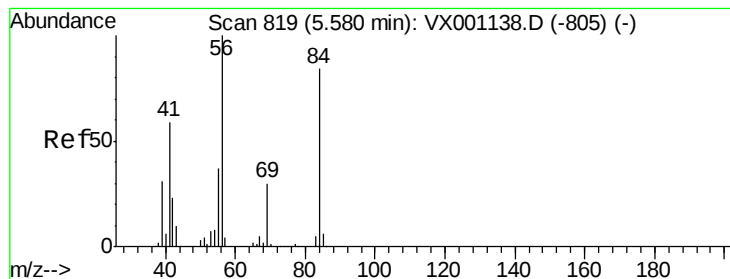
Tgt Ion: 42 Resp: 103377
Ion Ratio Lower Upper
42 100
72 43.7 34.4 51.6
71 40.3 32.1 48.1



#30
Chloroform
Concen: 19.37 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 83 Resp: 76748
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.0





#31

Cyclohexane

Concen: 19.46 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS02

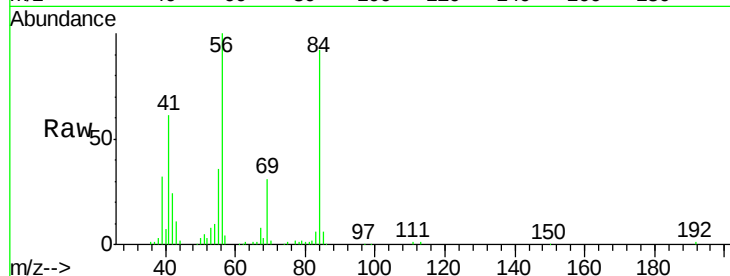
Tgt Ion: 56 Resp: 61611

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

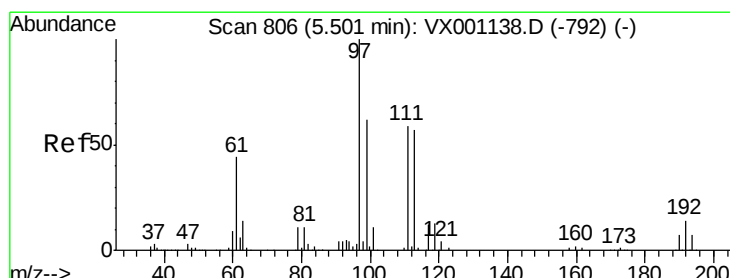
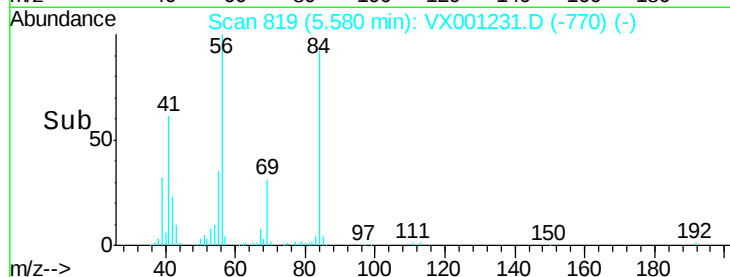
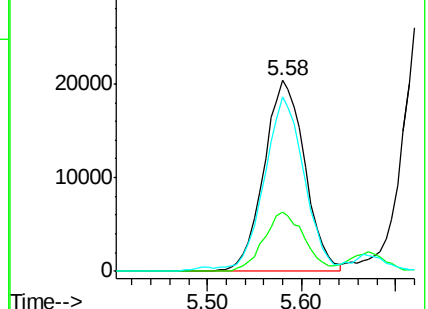
84 90.5 67.5 101.3



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: 19.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

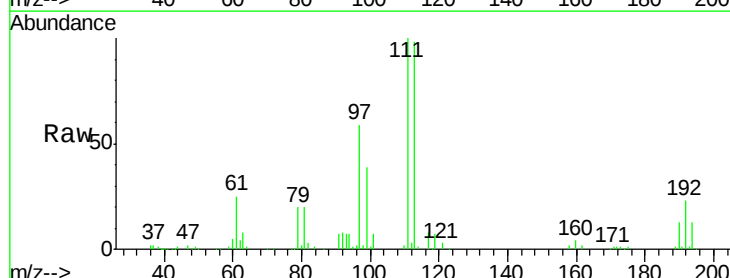
Tgt Ion: 97 Resp: 66362

Ion Ratio Lower Upper

97 100

99 65.6 50.9 76.3

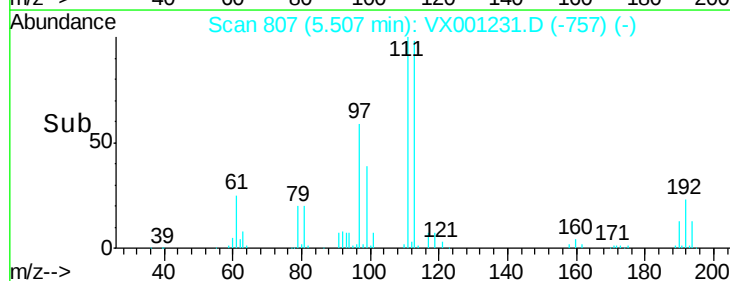
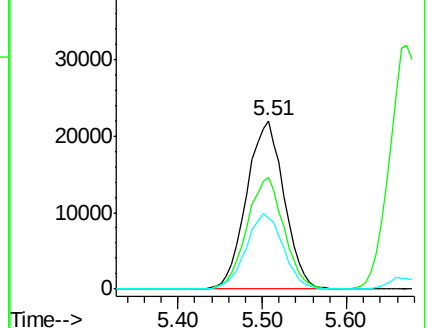
61 44.9 35.0 52.6

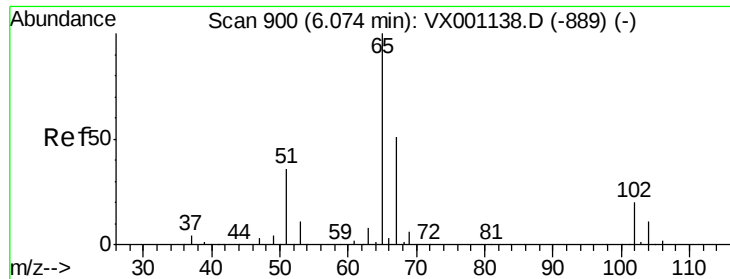


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

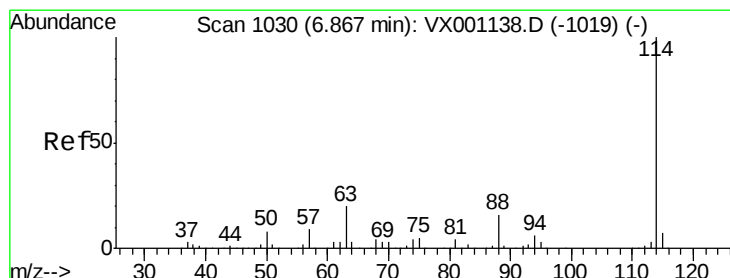
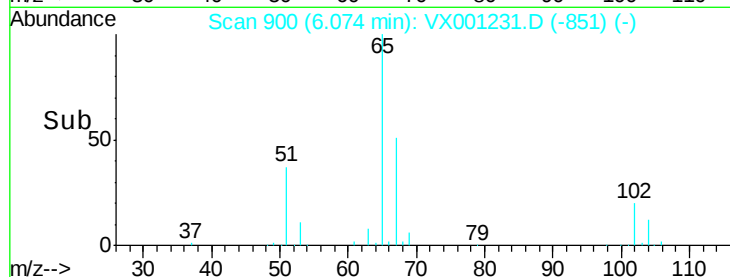
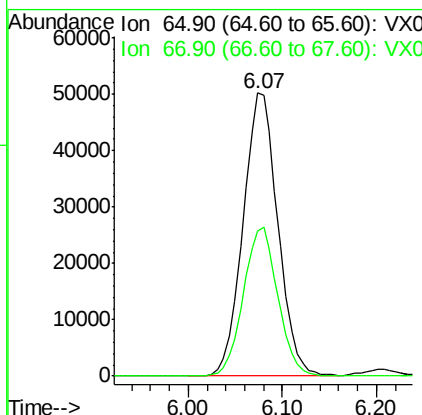
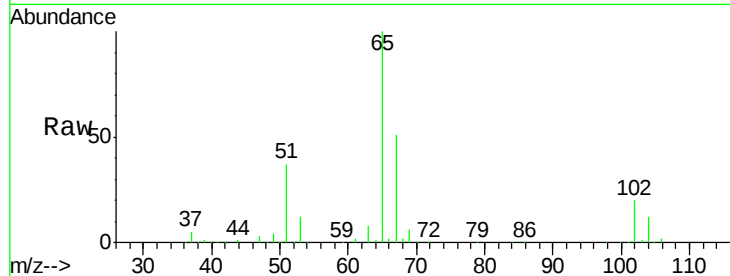




#33
 1,2-Dichloroethane-d4
 Concen: 43.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

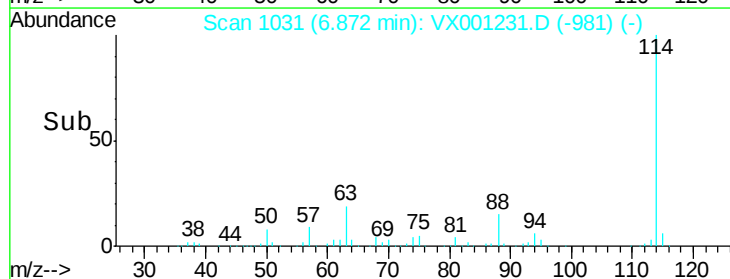
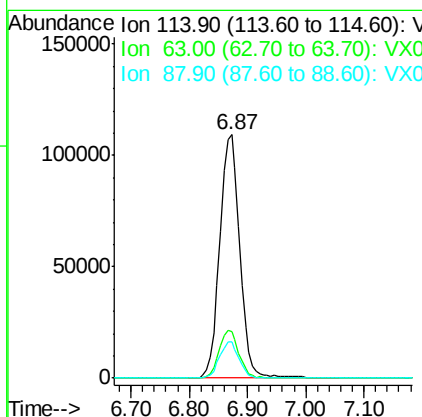
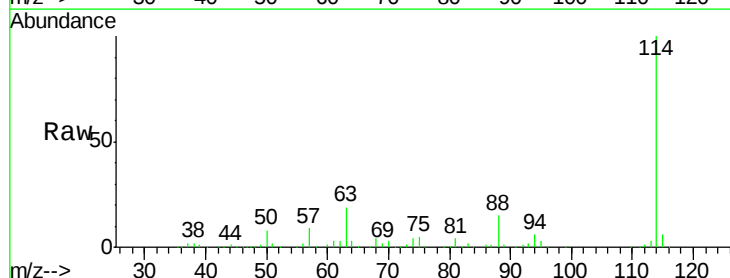
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

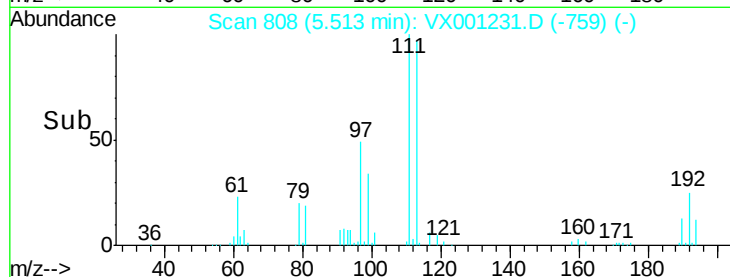
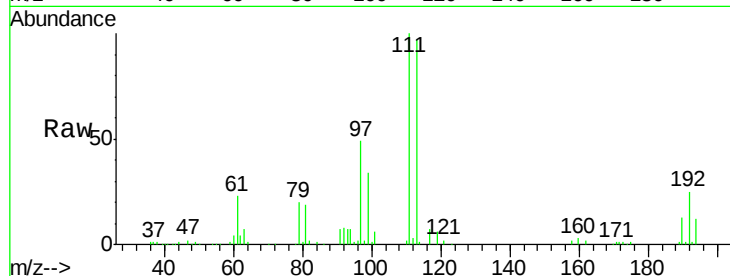
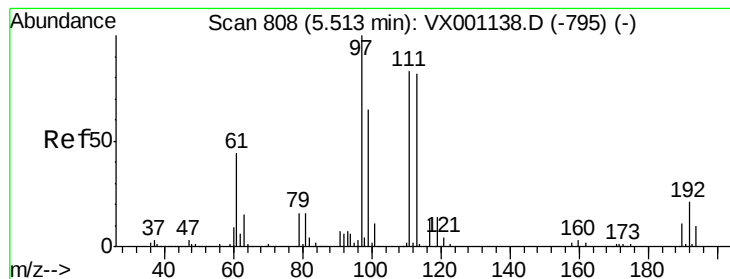
Tgt Ion: 65 Resp: 130045
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 114 Resp: 261763
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.4
 88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.13 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

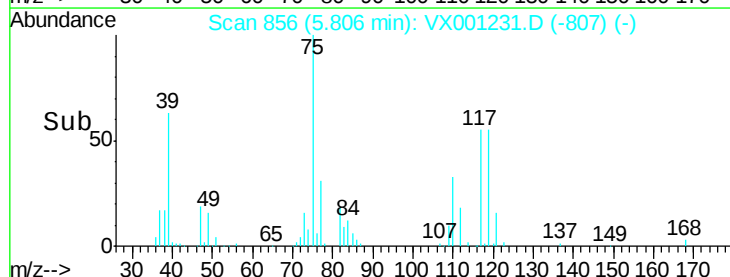
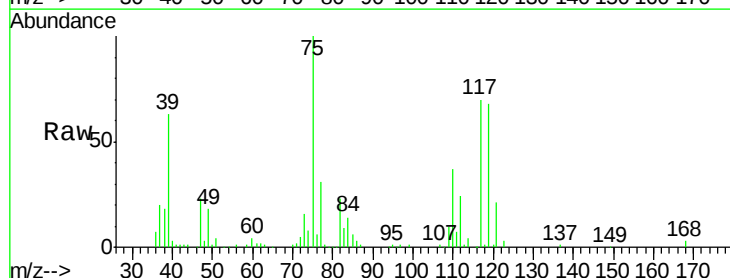
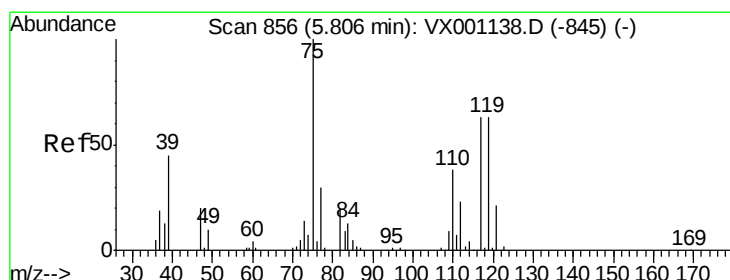
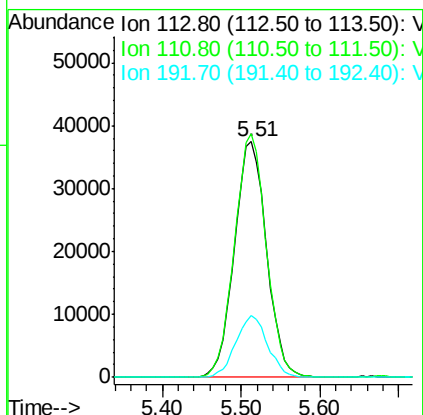
Tgt Ion:113 Resp: 106449

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 25.8 20.6 30.8



#36

1,1-Dichloropropene

Concen: 19.59 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

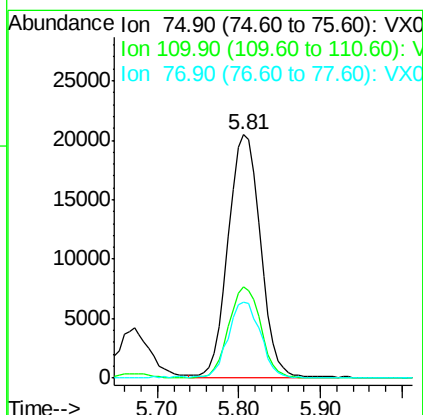
Tgt Ion: 75 Resp: 56499

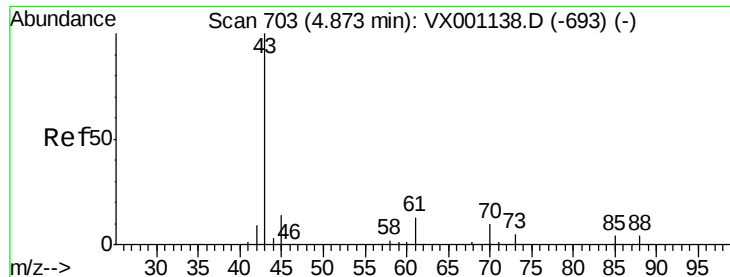
Ion Ratio Lower Upper

75 100

110 37.2 19.0 57.0

77 31.2 24.8 37.2

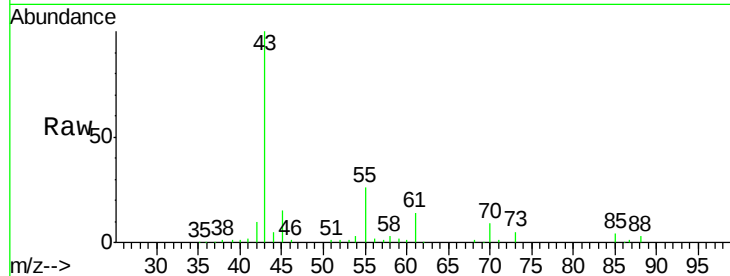




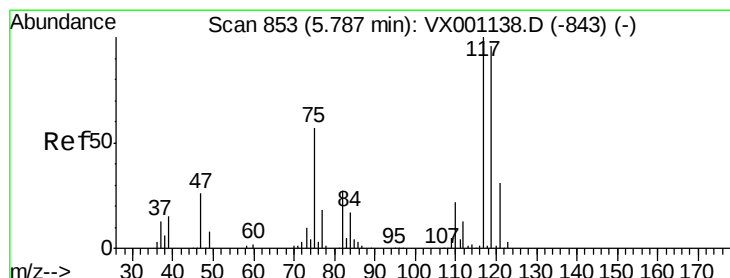
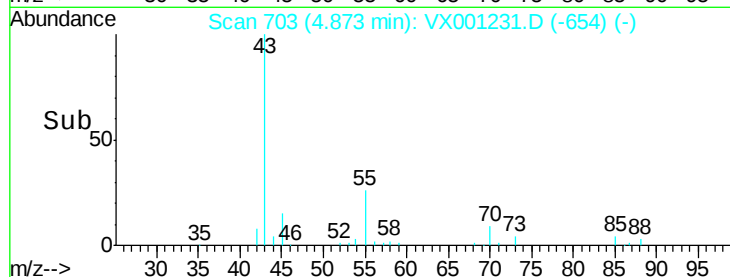
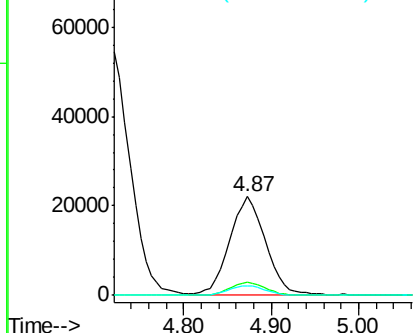
#37
Ethyl Acetate
Concen: 18.15 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 43 Resp: 62680
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.2 8.2 12.2

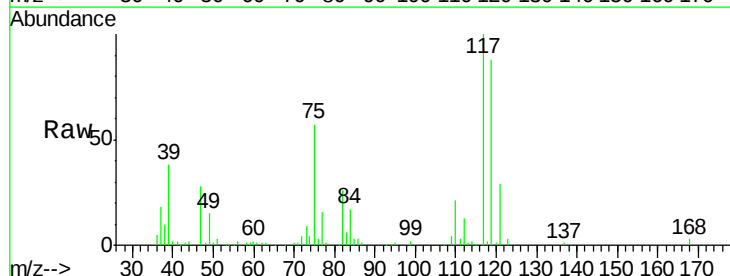


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

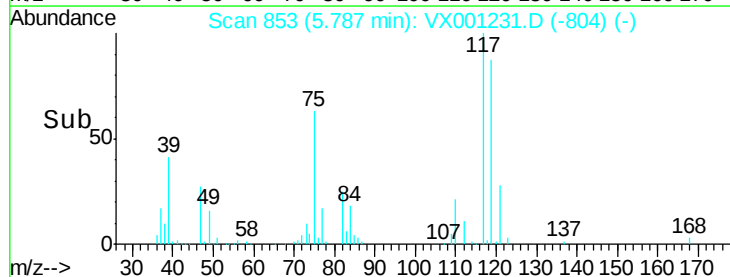
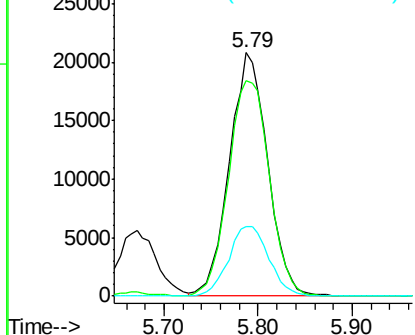


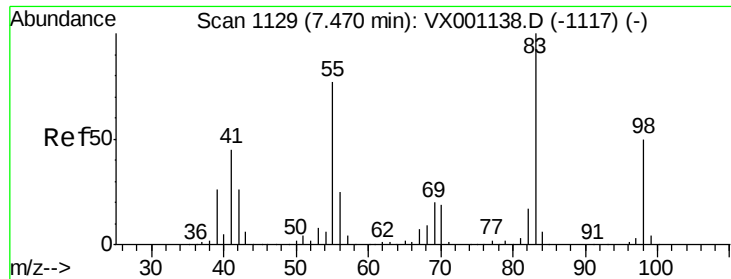
#38
Carbon Tetrachloride
Concen: 19.91 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 117 Resp: 58875
Ion Ratio Lower Upper
117 100
119 88.4 76.5 114.7
121 28.6 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

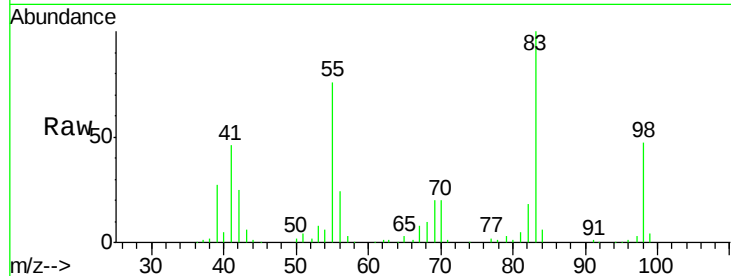




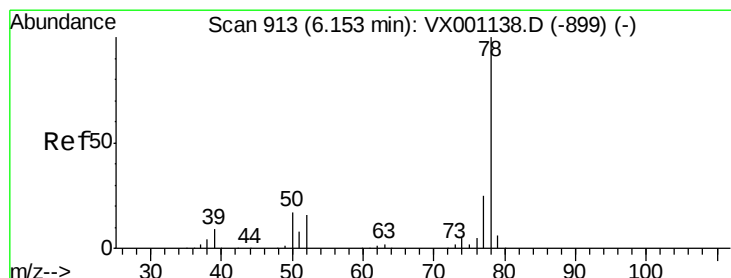
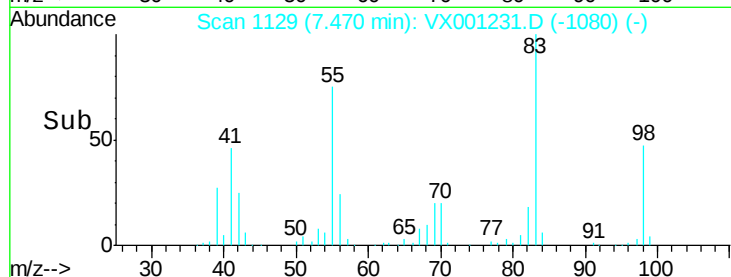
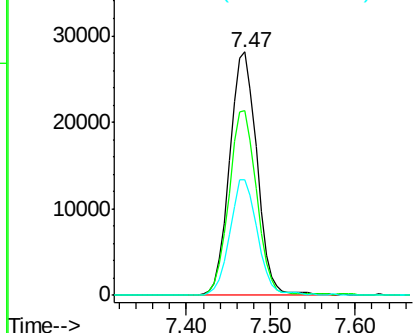
#39
Methylcyclohexane
Concen: 19.46 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 83 Resp: 62129
Ion Ratio Lower Upper
83 100
55 75.7 61.8 92.6
98 47.5 40.0 60.0

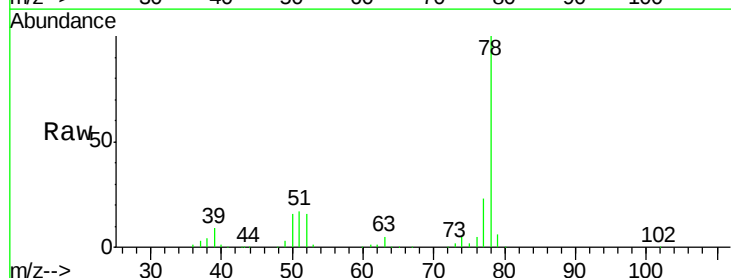


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

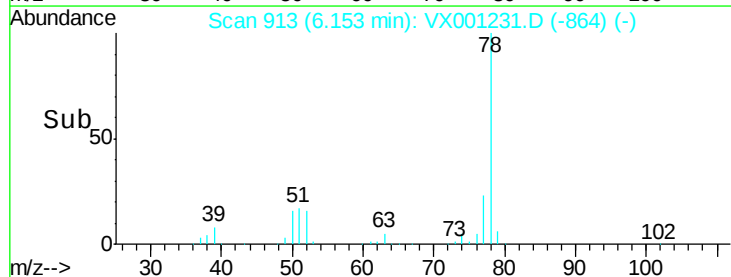
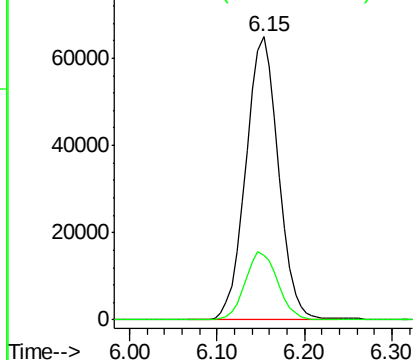


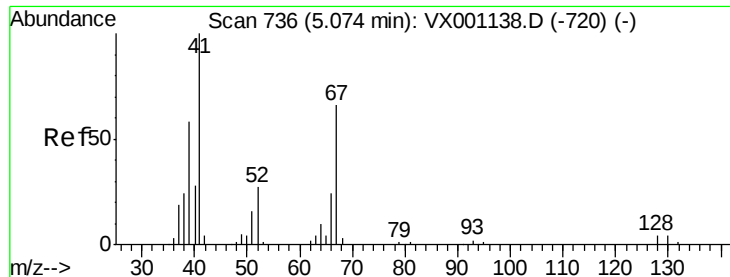
#40
Benzene
Concen: 20.13 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 78 Resp: 167943
Ion Ratio Lower Upper
78 100
77 23.0 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

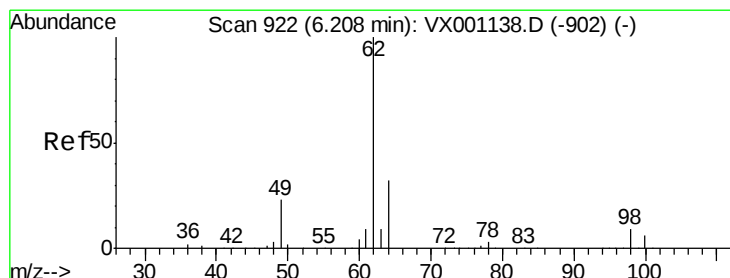
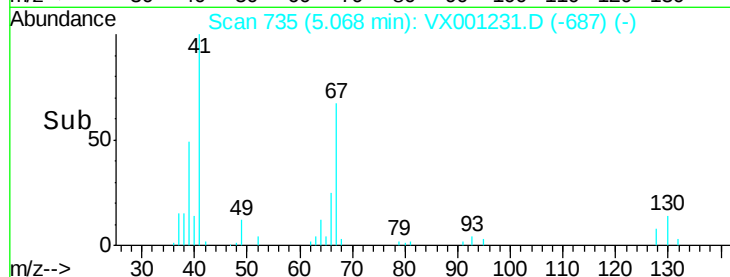
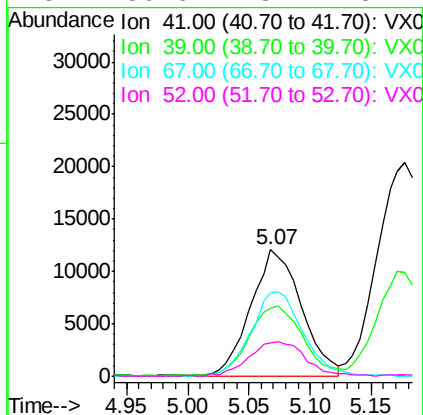
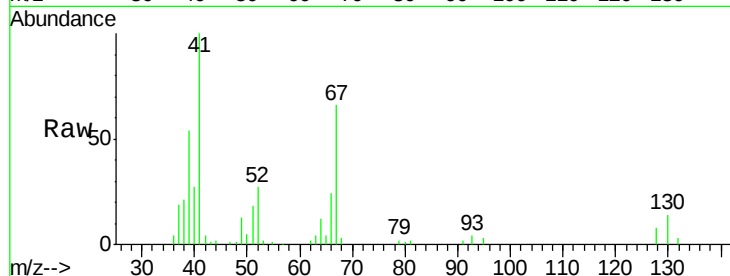




#41
Methacrylonitrile
Concen: 18.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

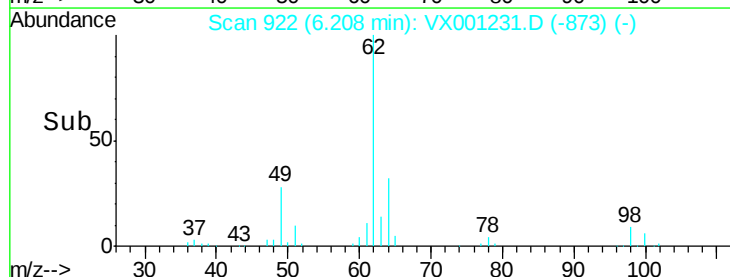
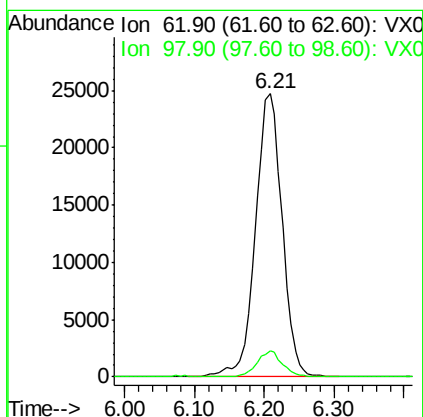
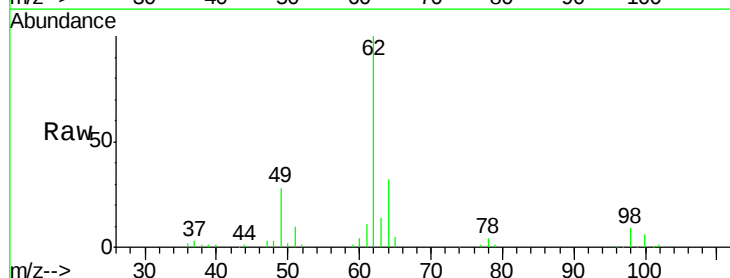
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

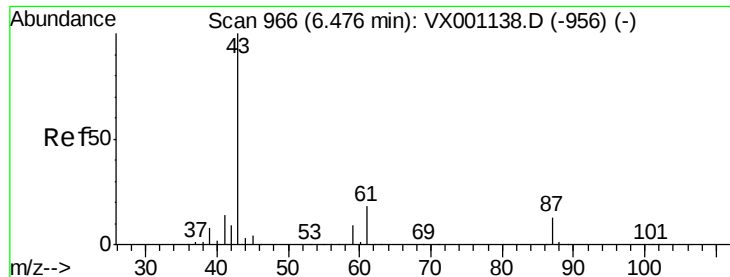
Tgt Ion:	41	Resp:	34950
Ion	Ratio	Lower	Upper
41	100		
39	59.8	45.9	68.9
67	68.3	53.2	79.8
52	30.6	23.1	34.7



#42
1,2-Dichloroethane
Concen: 19.50 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:	62	Resp:	65572
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 18.12 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS02

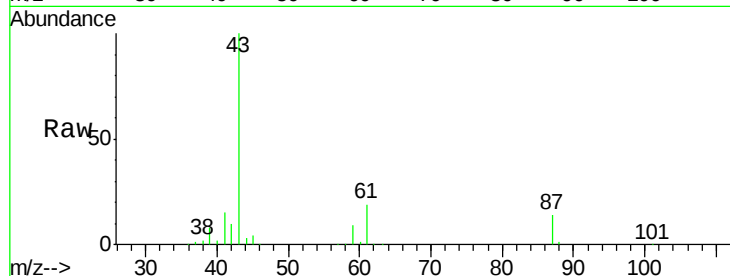
Tgt Ion: 43 Resp: 98324

Ion Ratio Lower Upper

43 100

61 18.2 15.0 22.6

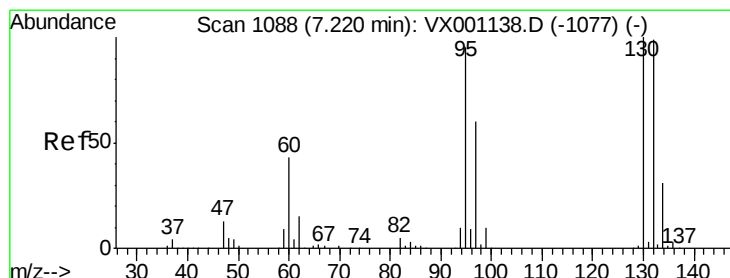
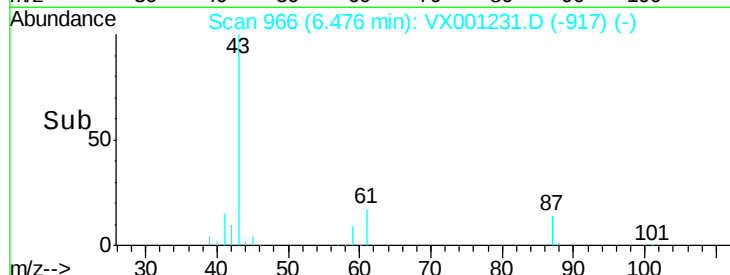
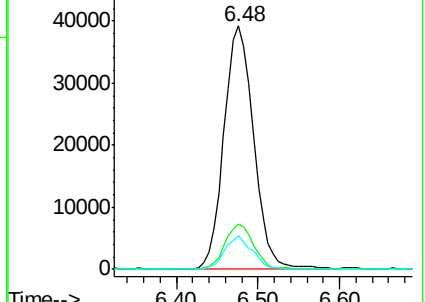
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.37 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001231.D

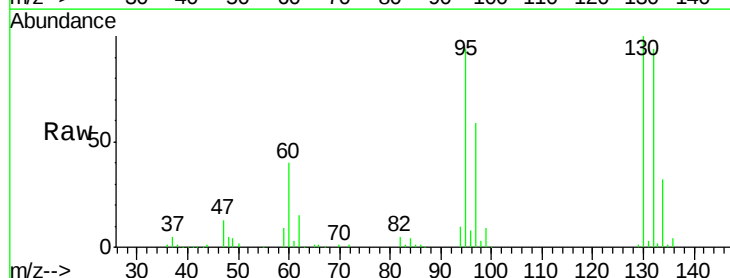
Acq: 28 Apr 2018 23:37

Tgt Ion: 130 Resp: 50635

Ion Ratio Lower Upper

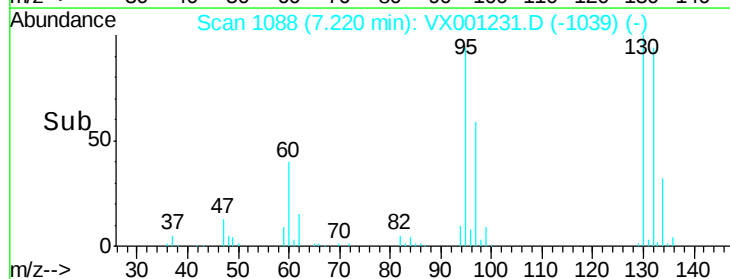
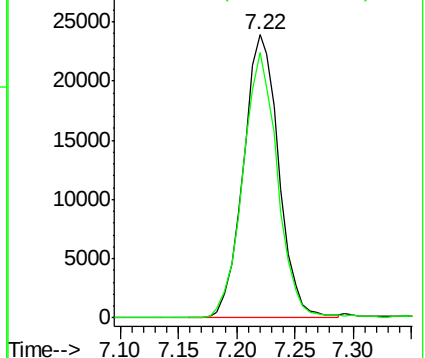
130 100

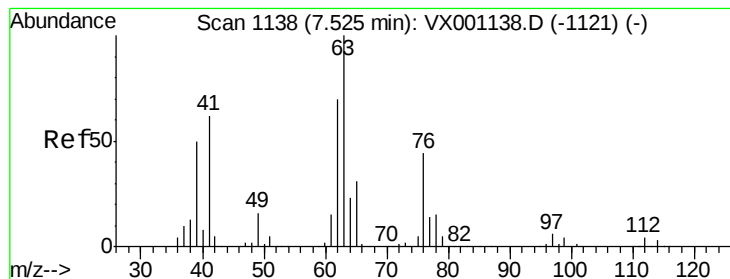
95 93.9 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.37 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

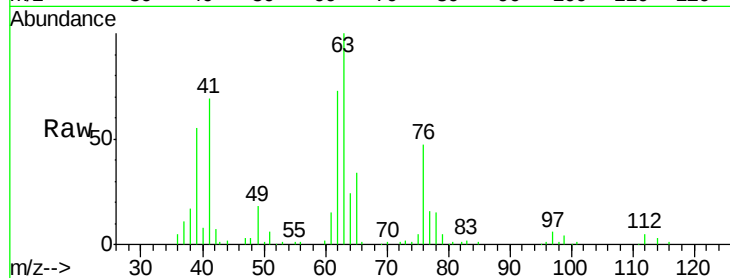
VX0428WBS02

Tgt Ion: 63 Resp: 42506

Ion Ratio Lower Upper

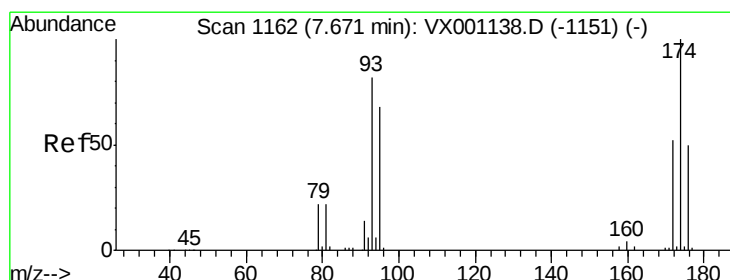
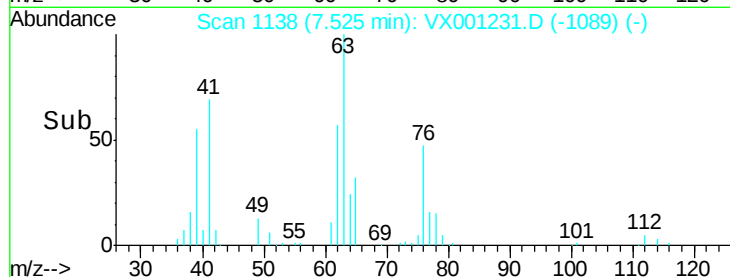
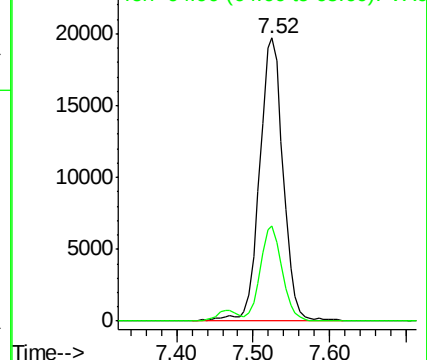
63 100

65 33.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.40 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

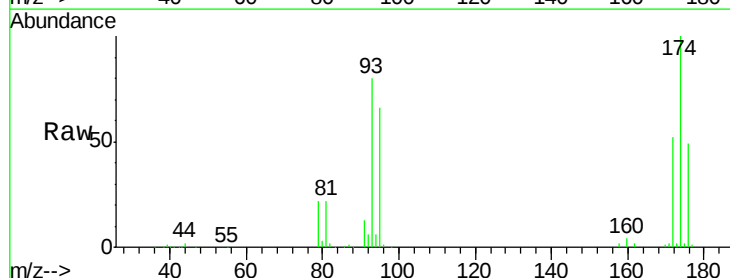
Tgt Ion: 93 Resp: 31007

Ion Ratio Lower Upper

93 100

95 81.8 66.4 99.6

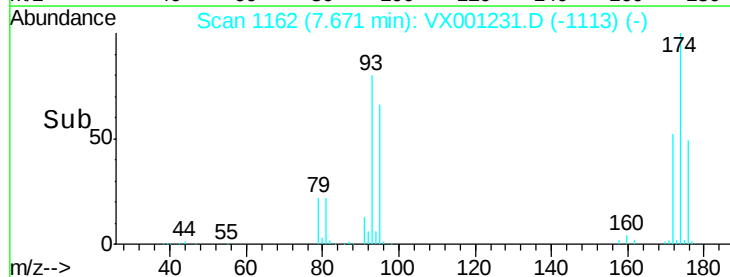
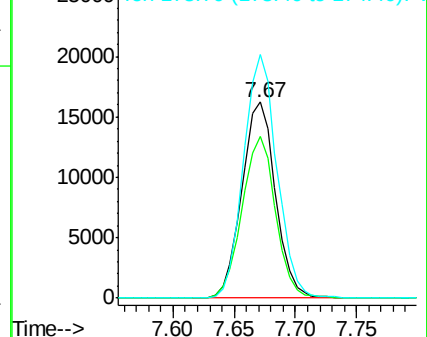
174 123.1 99.6 149.4

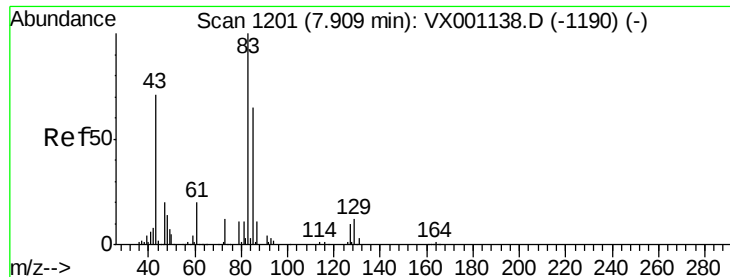


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.43 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

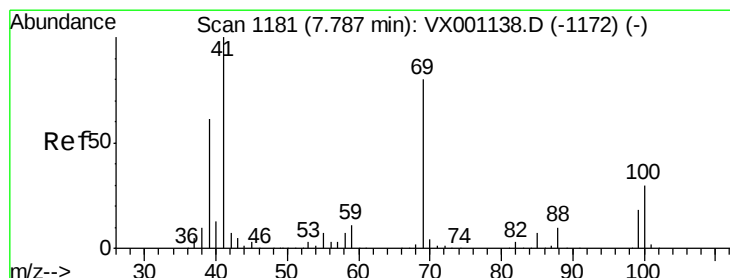
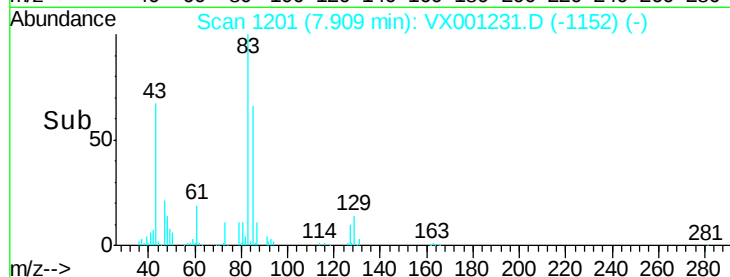
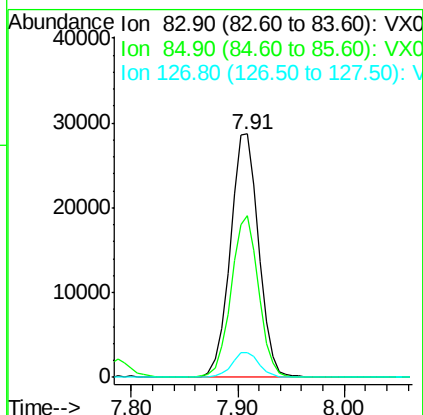
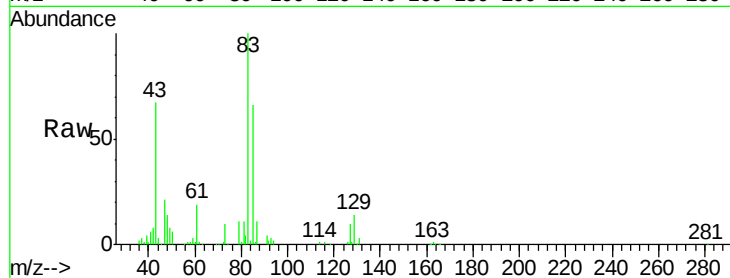
Tgt Ion: 83 Resp: 53658

Ion Ratio Lower Upper

83 100

85 66.2 51.9 77.9

127 10.2 7.7 11.5



#48

Methyl methacrylate

Concen: 17.94 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

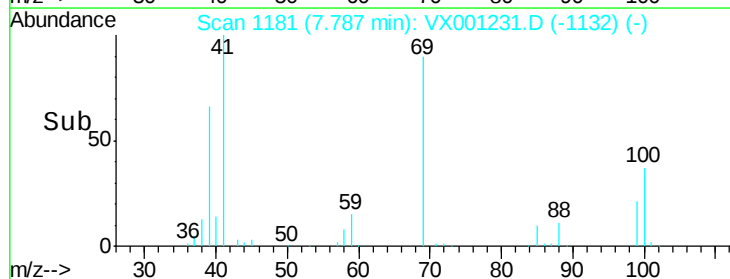
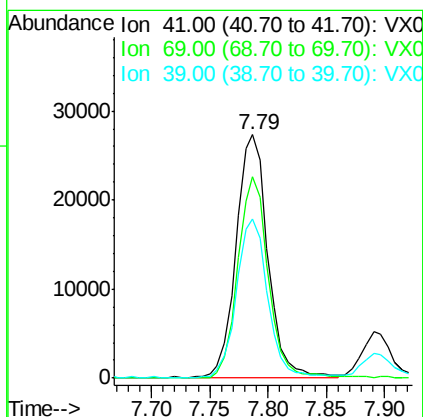
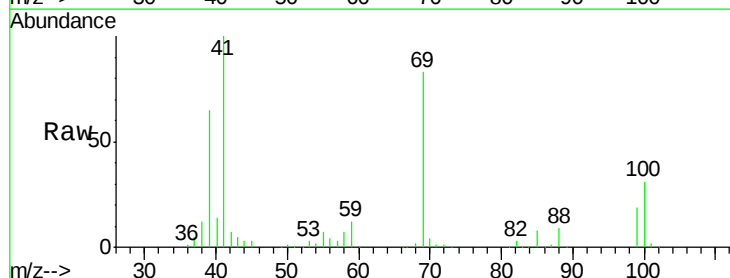
Tgt Ion: 41 Resp: 51728

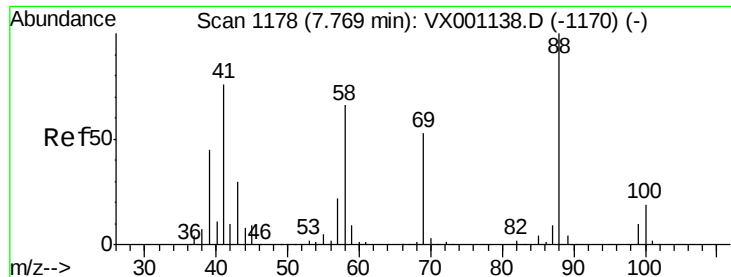
Ion Ratio Lower Upper

41 100

69 80.2 62.4 93.6

39 64.1 48.7 73.1

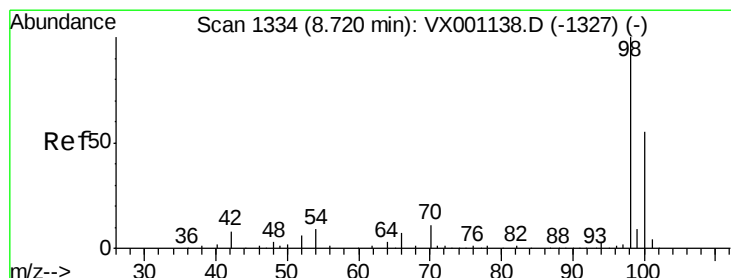
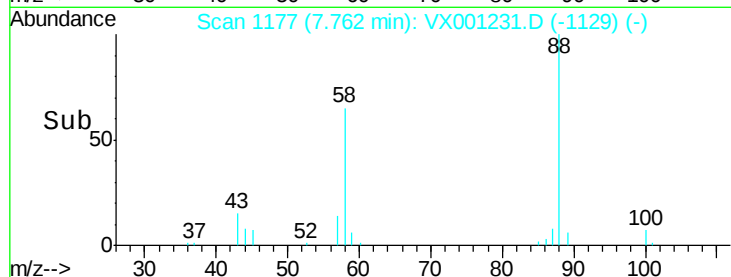
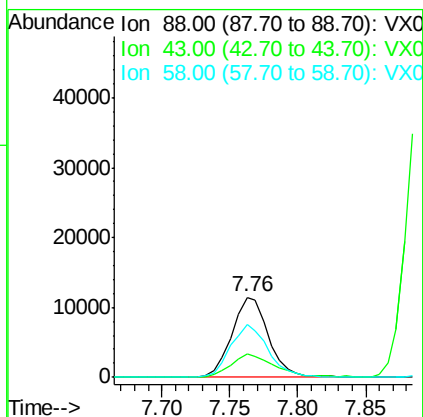
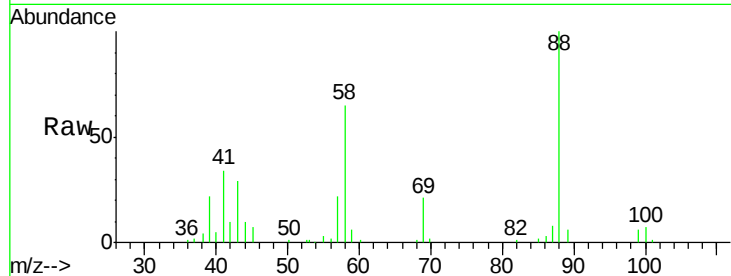




#49
1,4-Dioxane
Concen: 371.92 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

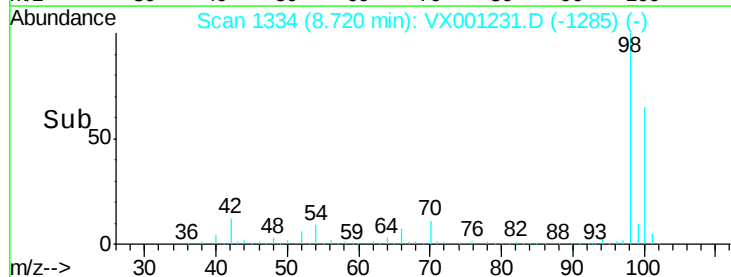
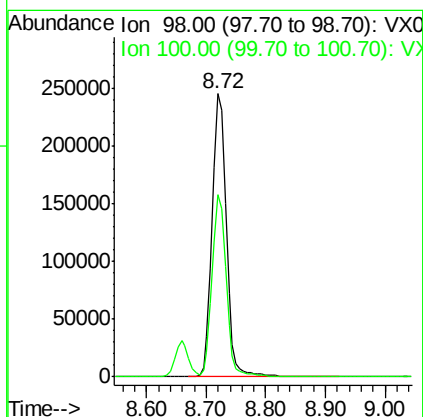
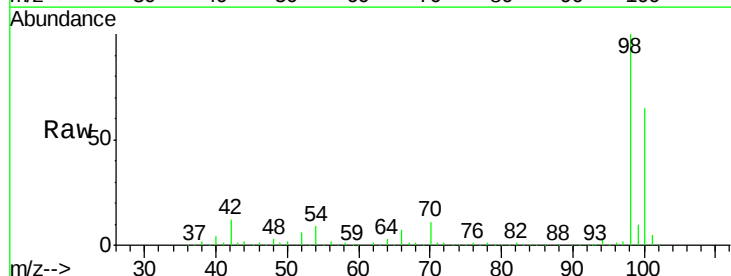
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

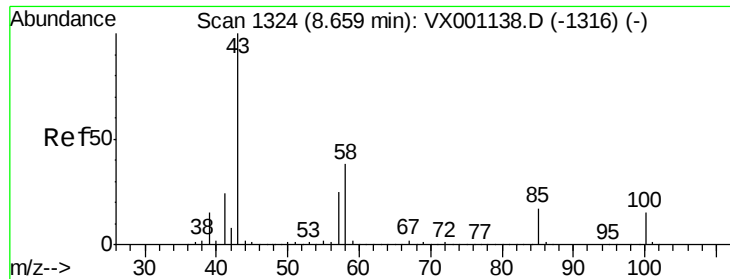
Tgt Ion: 88 Resp: 21472
Ion Ratio Lower Upper
88 100
43 33.0 27.3 40.9
58 68.9 54.2 81.4



#50
Toluene-d8
Concen: 49.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 98 Resp: 401034
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

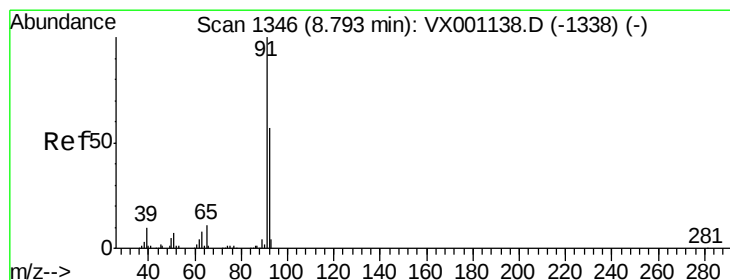
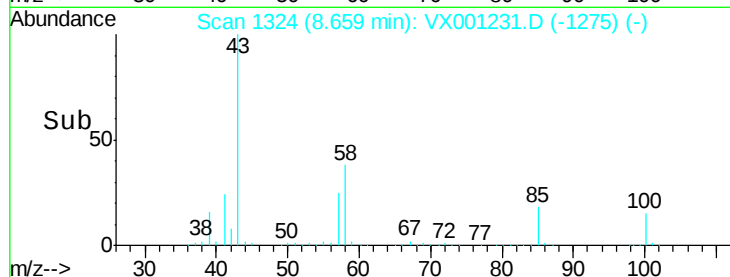
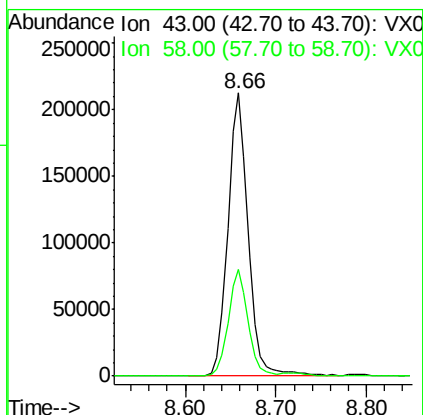
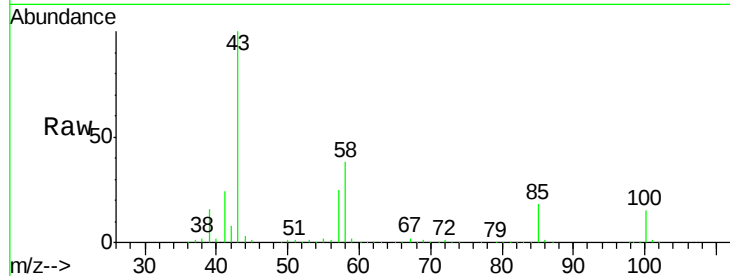




#51
 4-Methyl-2-Pentanone
 Concen: 93.92 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

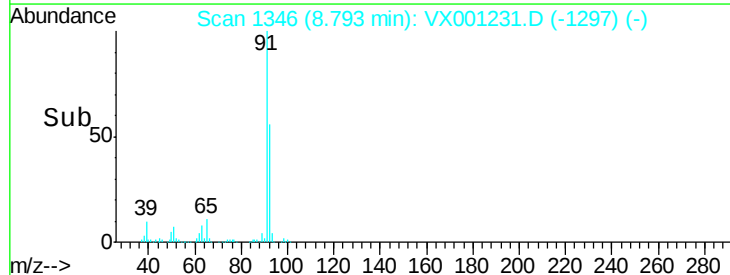
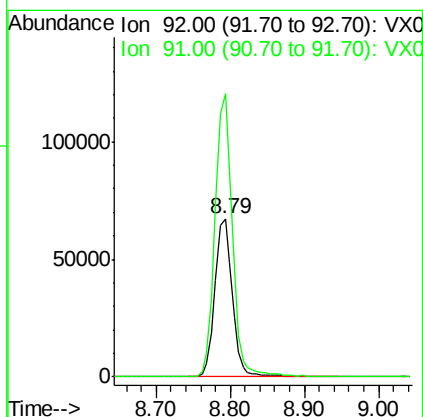
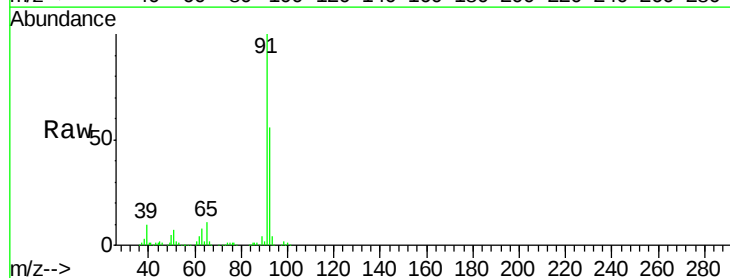
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

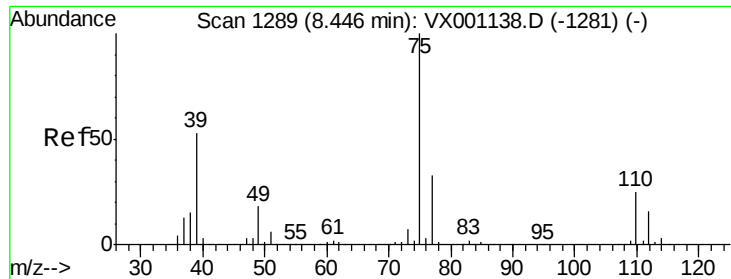
Tgt Ion: 43 Resp: 334683
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.2 45.2



#52
 Toluene
 Concen: 20.03 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 92 Resp: 109281
 Ion Ratio Lower Upper
 92 100
 91 177.8 139.8 209.6

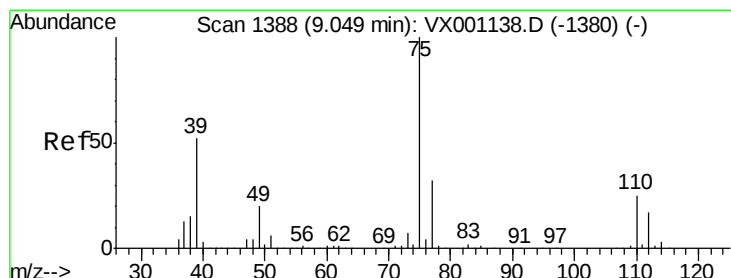
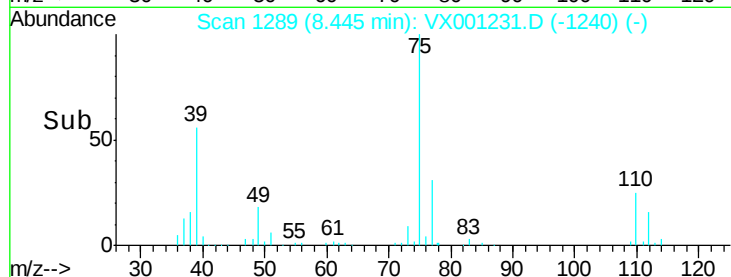
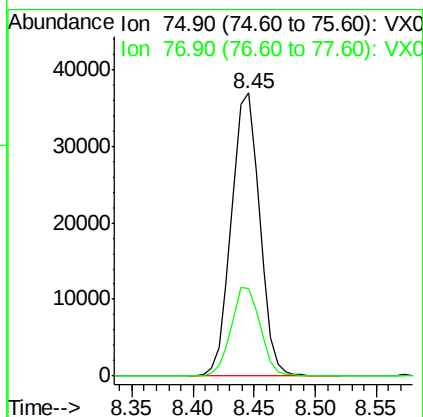
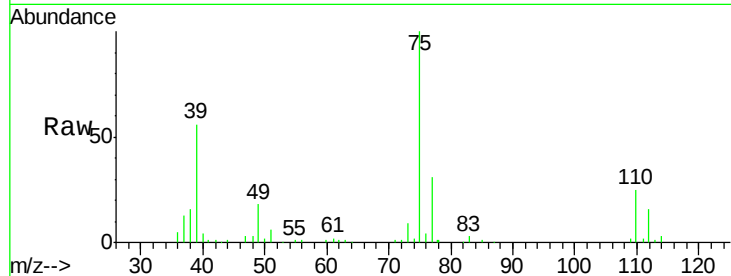




#53
 t-1,3-Dichloropropene
 Concen: 18.38 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

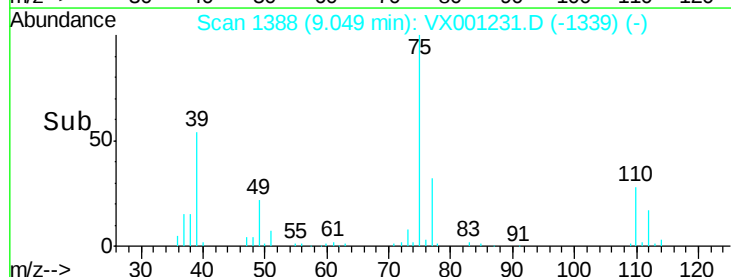
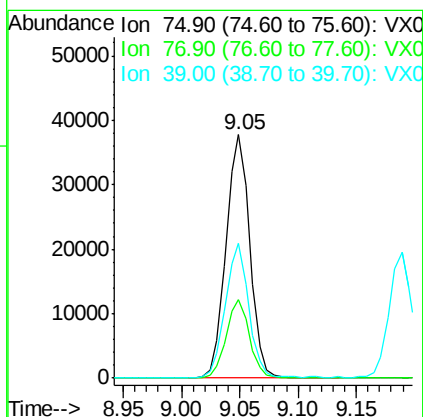
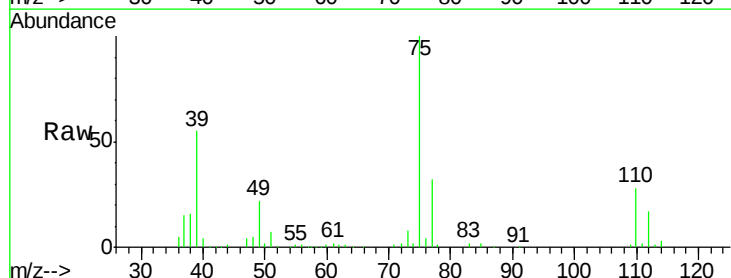
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

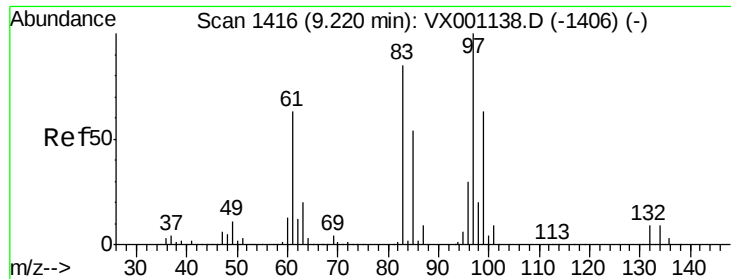
Tgt Ion: 75 Resp: 59000
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 17.54 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 75 Resp: 53422
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2
 39 55.1 42.0 63.0

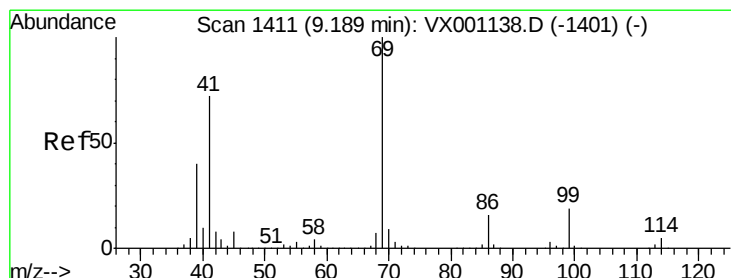
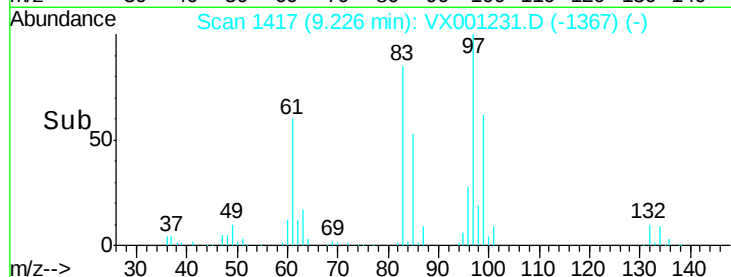
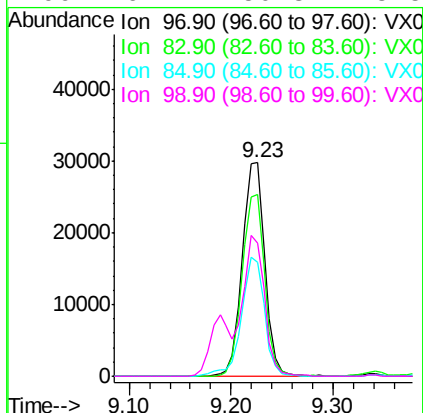
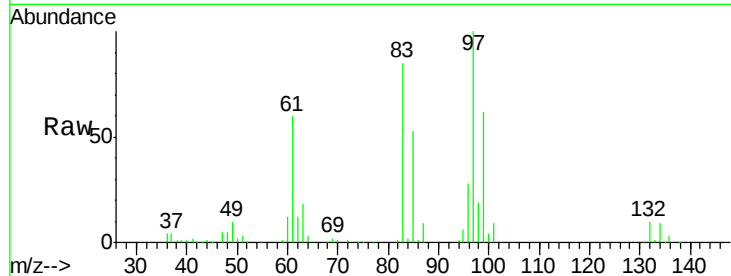




#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

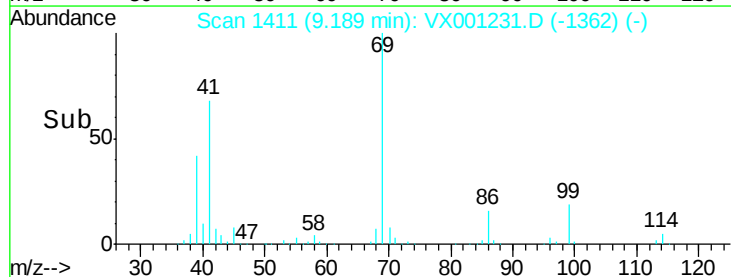
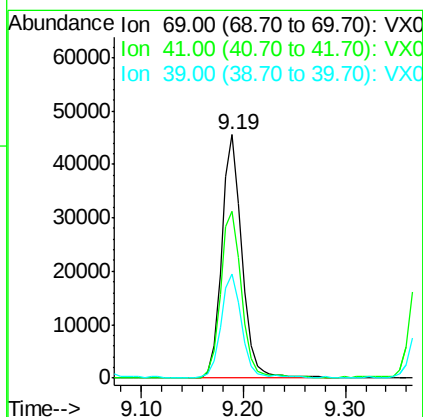
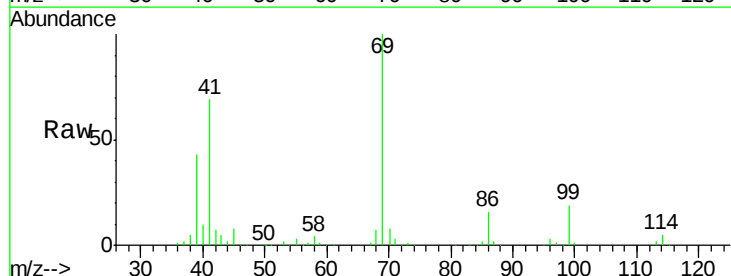
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

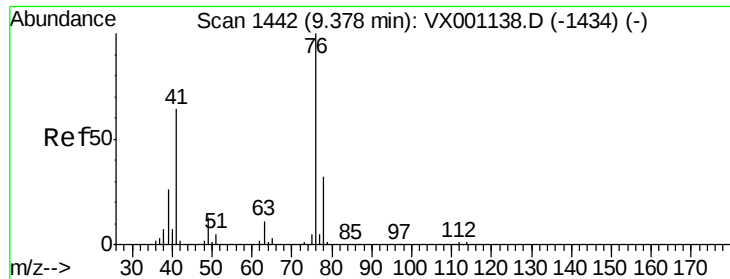
Tgt Ion:	97	Resp:	45659
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.0	102.0
85	53.3	42.9	64.3
99	62.2	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 18.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion:	69	Resp:	63087
Ion	Ratio	Lower	Upper
69	100		
41	71.0	57.7	86.5
39	43.8	33.3	49.9





#57

1,3-Dichloropropane

Concen: 19.84 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

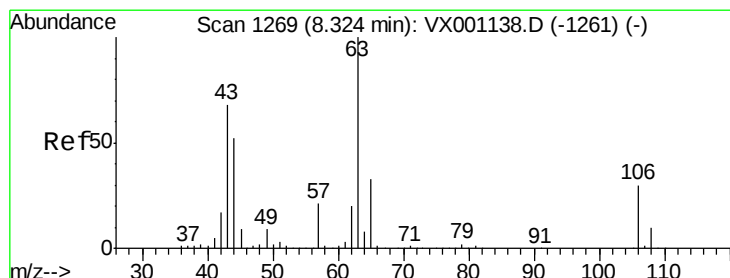
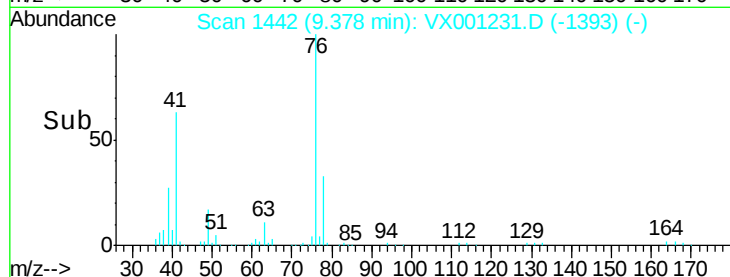
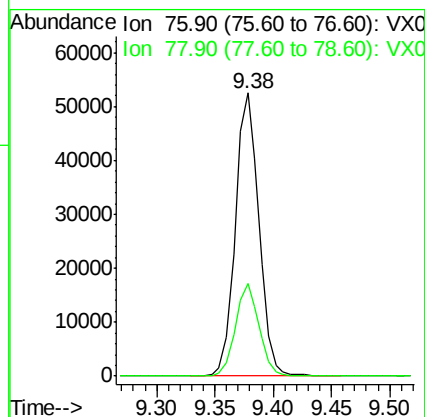
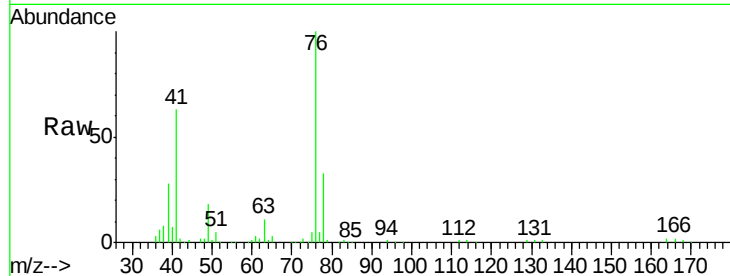
VX0428WBS02

Tgt Ion: 76 Resp: 74107

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.62 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001231.D

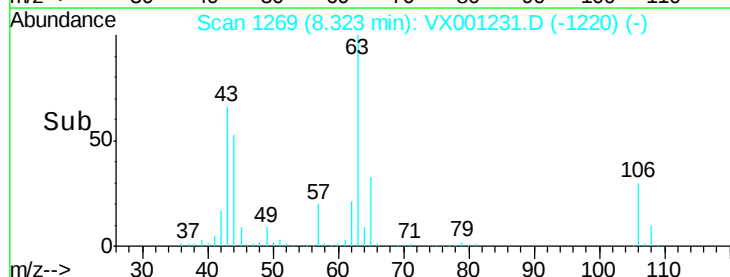
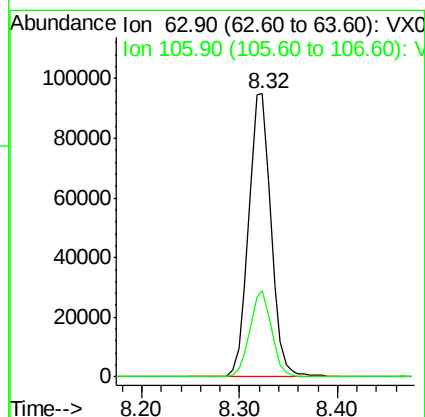
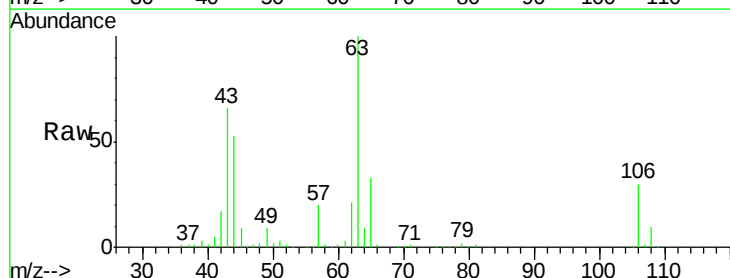
Acq: 28 Apr 2018 23:37

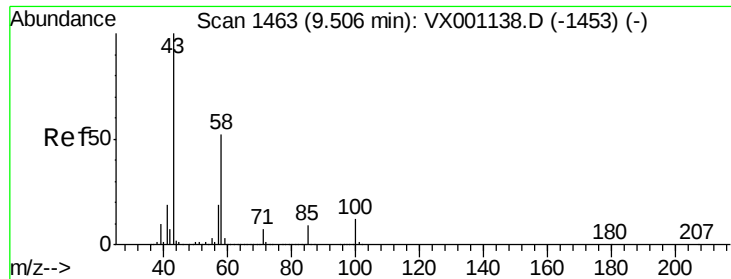
Tgt Ion: 63 Resp: 151394

Ion Ratio Lower Upper

63 100

106 29.7 23.7 35.5

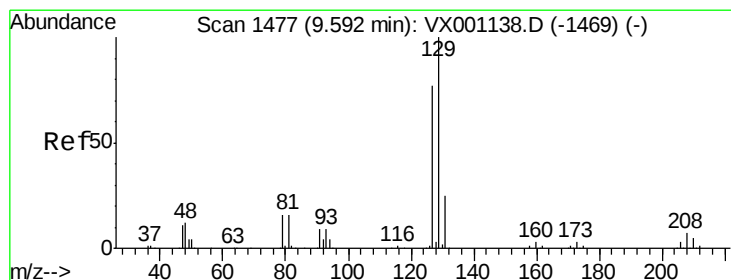
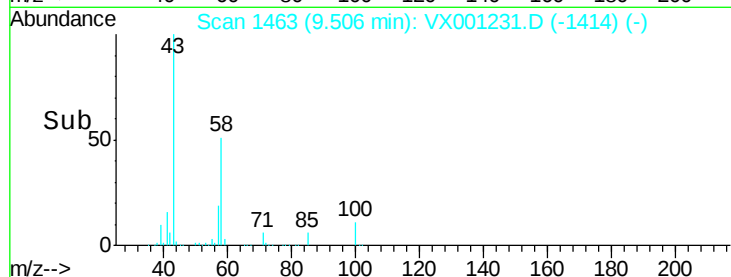
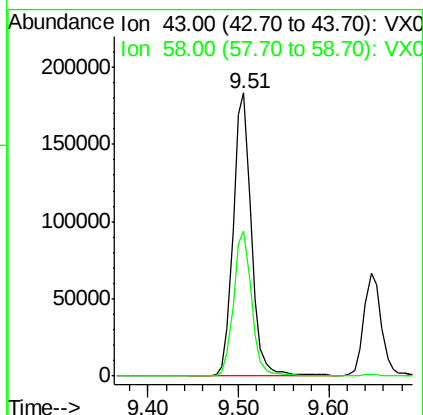
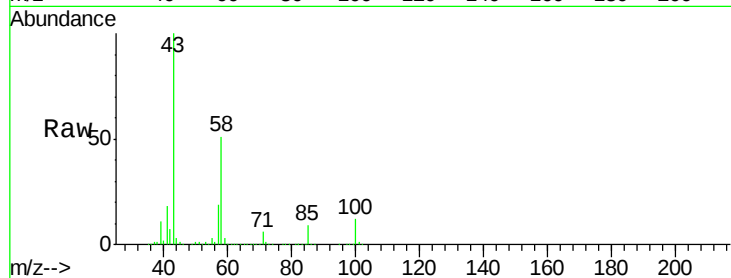




#59
2-Hexanone
Concen: 90.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

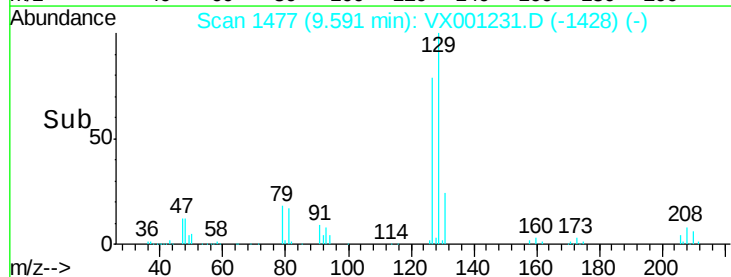
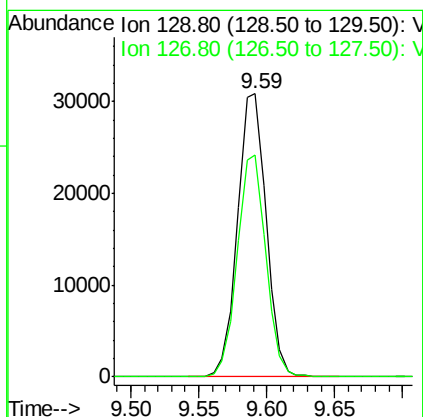
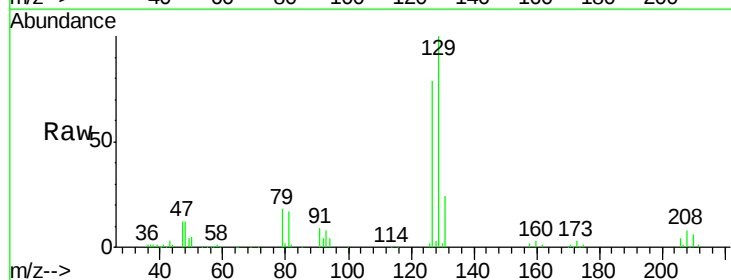
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

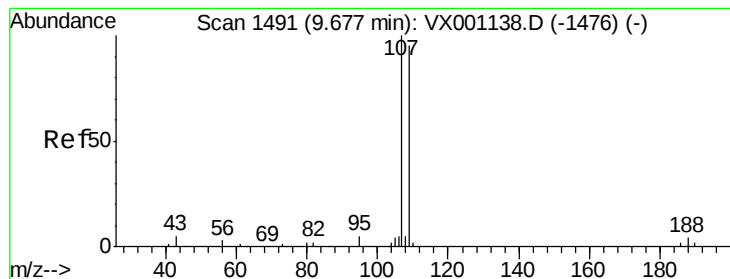
Tgt Ion: 43 Resp: 253841
Ion Ratio Lower Upper
43 100
58 51.0 25.8 77.4



#60
Dibromochloromethane
Concen: 19.04 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 129 Resp: 45357
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

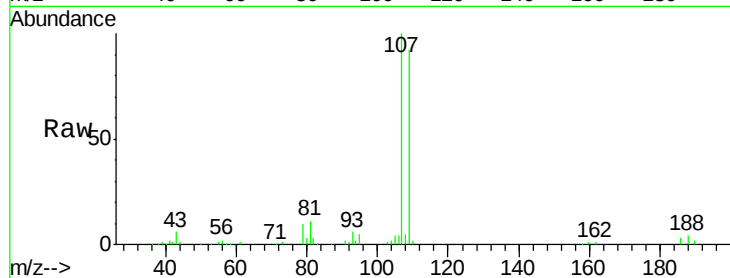
VX0428WBS02

Tgt Ion: 107 Resp: 48636

Ion Ratio Lower Upper

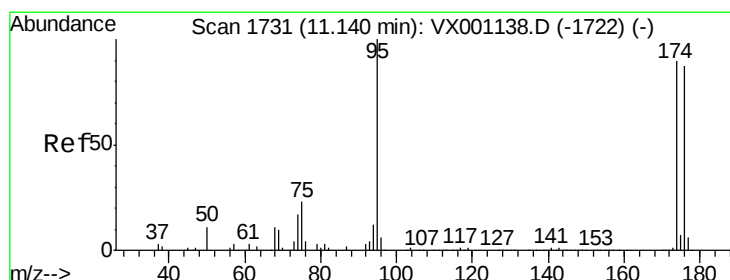
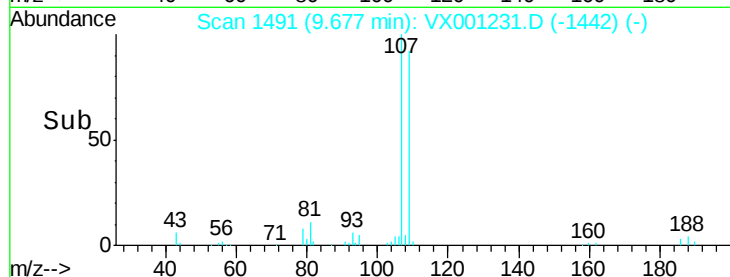
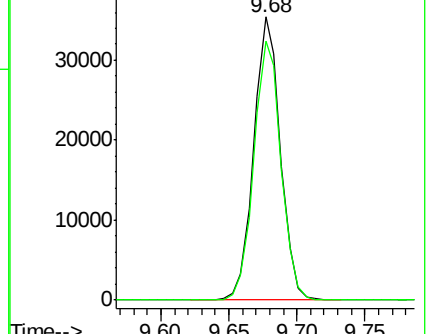
107 100

109 93.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

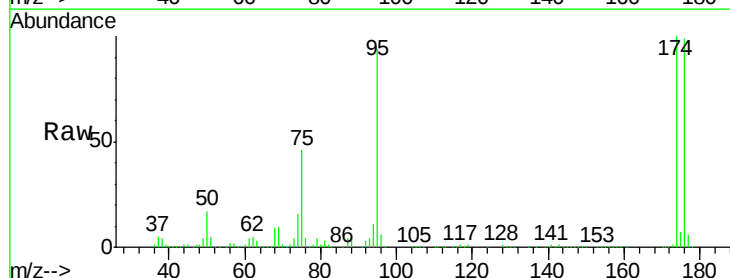
Tgt Ion: 95 Resp: 150696

Ion Ratio Lower Upper

95 100

174 101.1 0.0 194.4

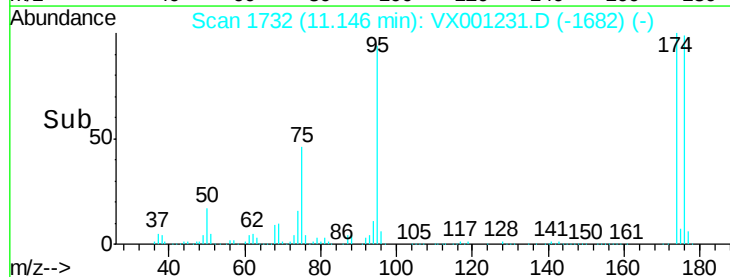
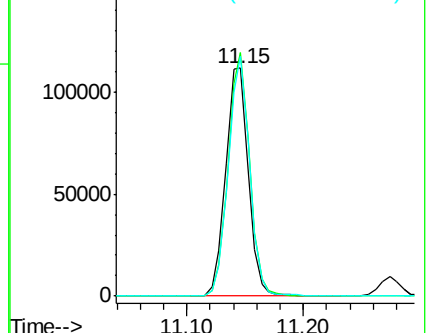
176 99.1 0.0 190.2

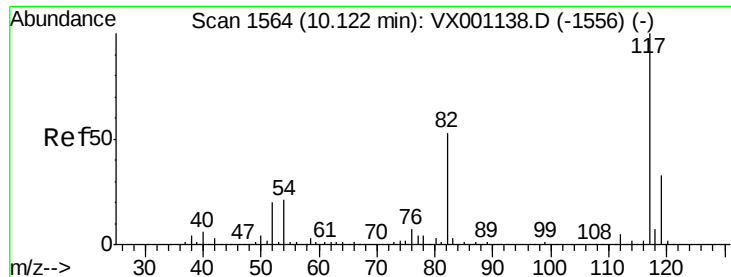


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

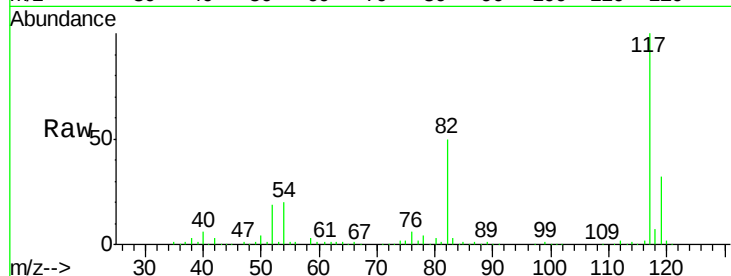




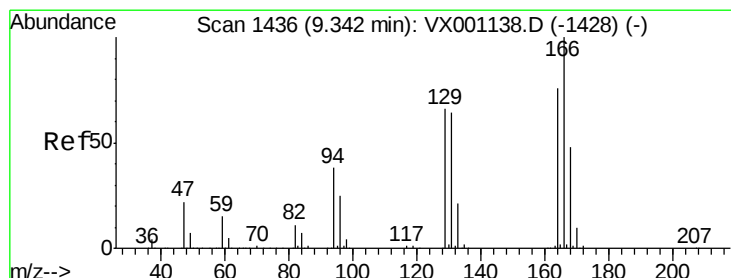
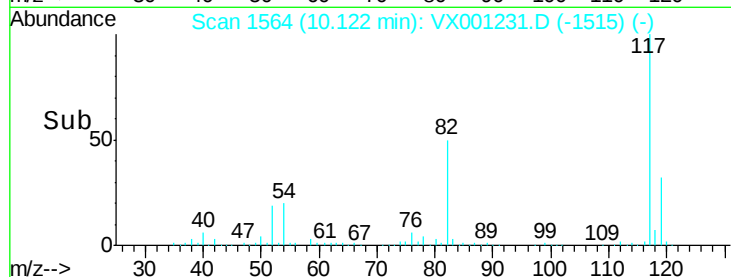
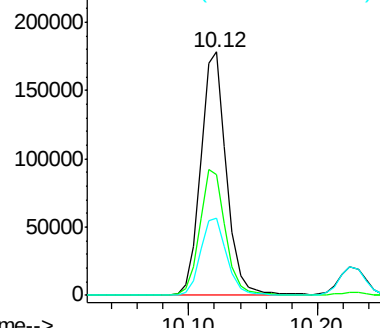
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion:117 Resp: 248960
Ion Ratio Lower Upper
117 100
82 49.8 42.1 63.1
119 31.9 26.1 39.1



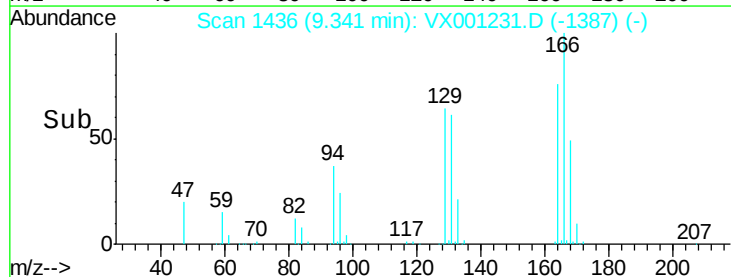
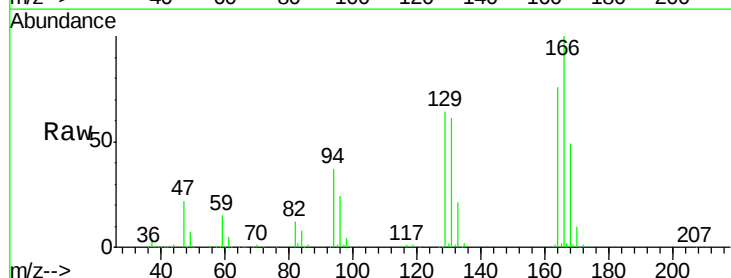
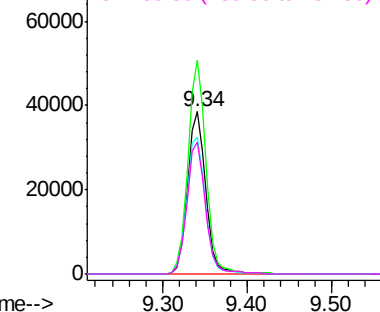
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

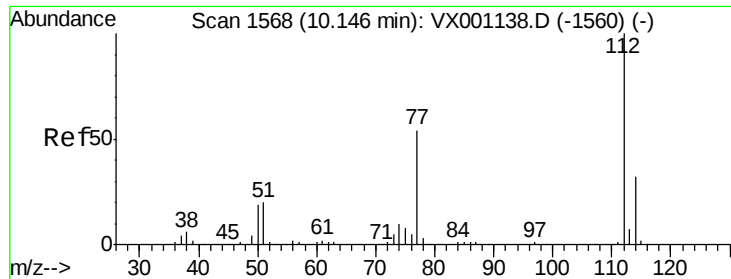


#64
Tetrachloroethene
Concen: 21.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:164 Resp: 57909
Ion Ratio Lower Upper
164 100
166 131.8 105.0 157.6
129 84.3 69.4 104.2
131 81.1 67.3 100.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

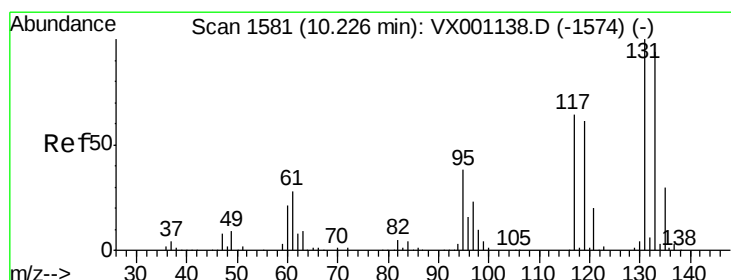
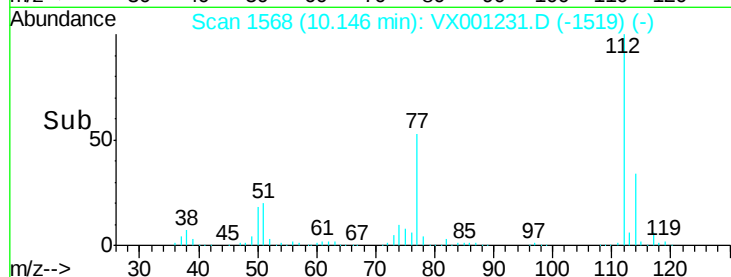
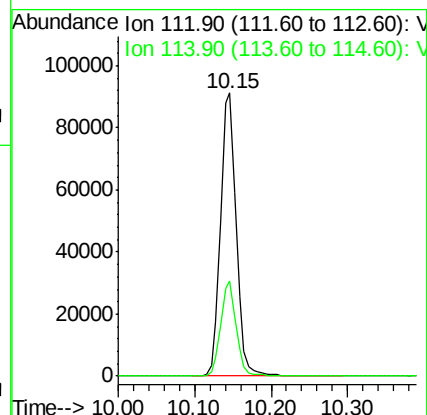
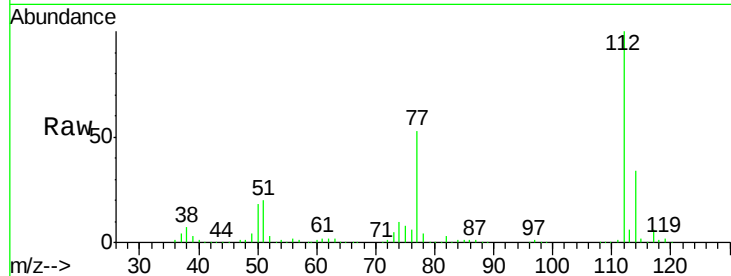




#65
Chlorobenzene
Concen: 19.88 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

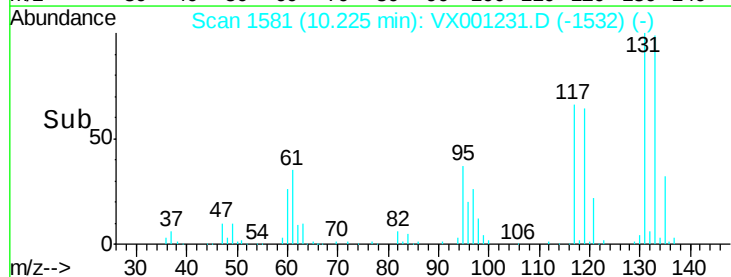
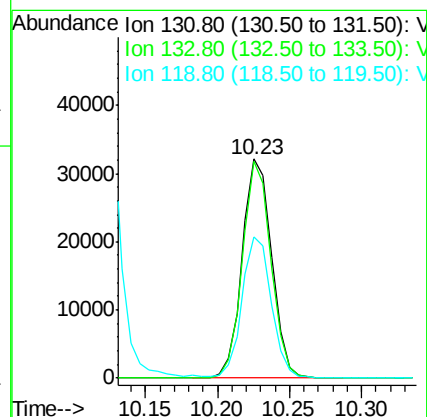
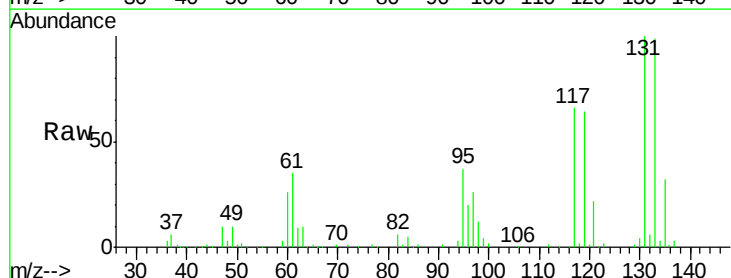
Instrument :
MSVOA_X
ClientSampled :
VX0428WBS02

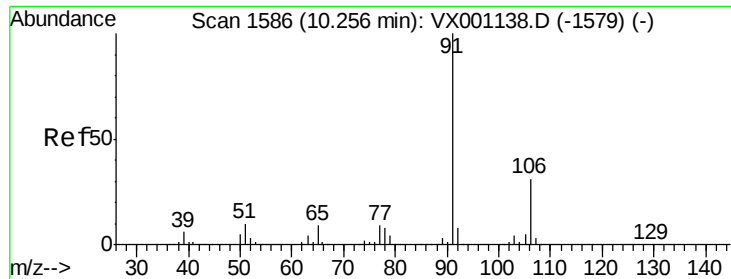
Tgt Ion:112 Resp: 129676
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.27 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:131 Resp: 45755
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 64.3 31.3 93.8





#67

Ethyl Benzene

Concen: 20.07 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

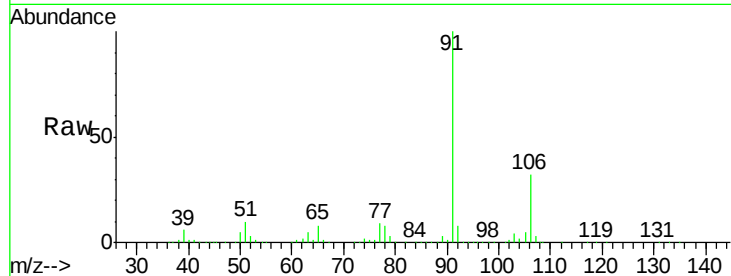
VX0428WBS02

Tgt Ion: 91 Resp: 212740

Ion Ratio Lower Upper

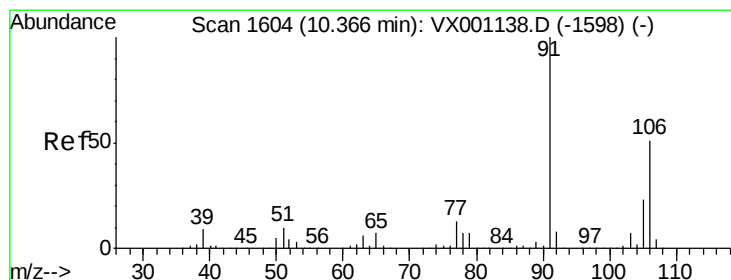
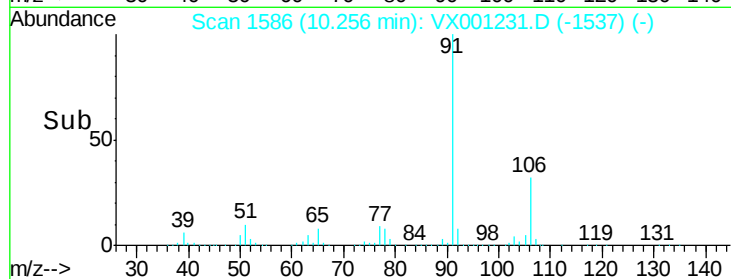
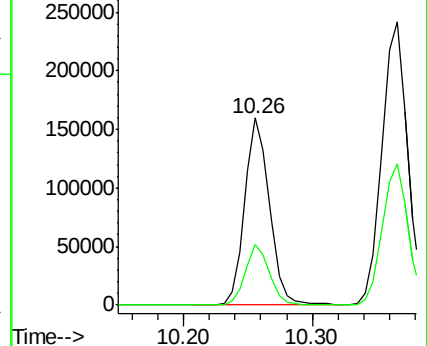
91 100

106 32.3 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.22 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001231.D

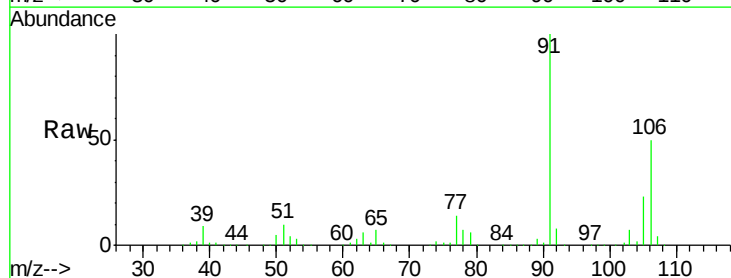
Acq: 28 Apr 2018 23:37

Tgt Ion: 106 Resp: 168523

Ion Ratio Lower Upper

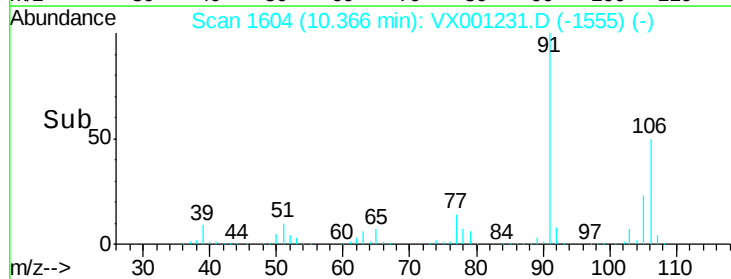
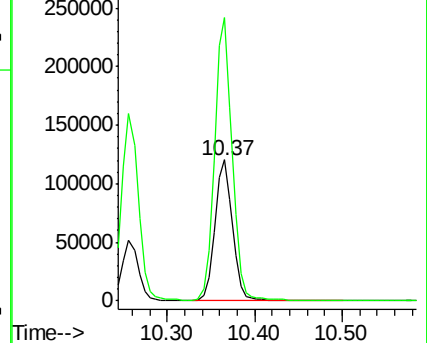
106 100

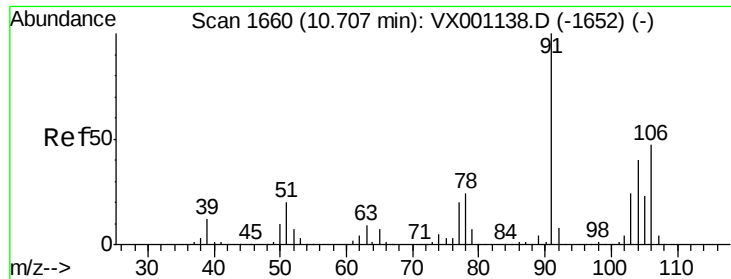
91 199.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

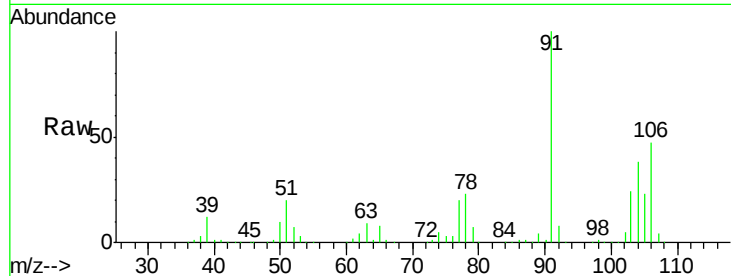




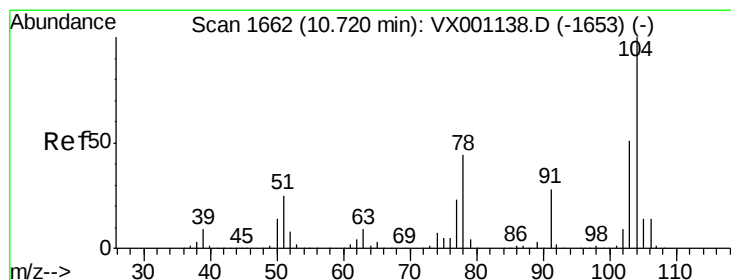
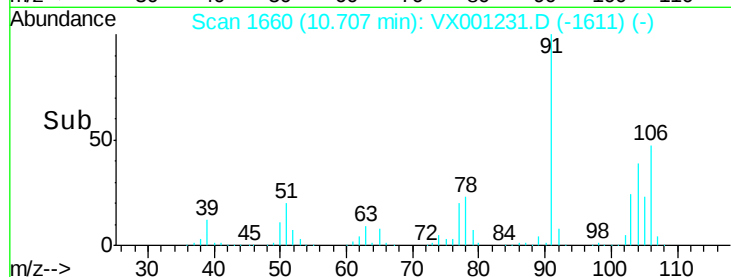
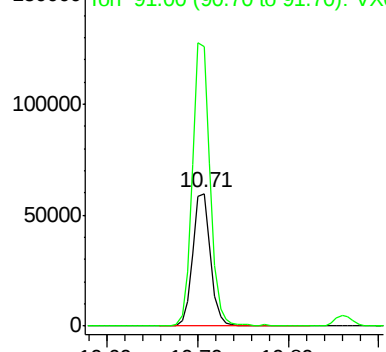
#69
o-Xylene
Concen: 20.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS02

Tgt Ion:106 Resp: 81906
Ion Ratio Lower Upper
106 100
91 211.8 106.2 318.5

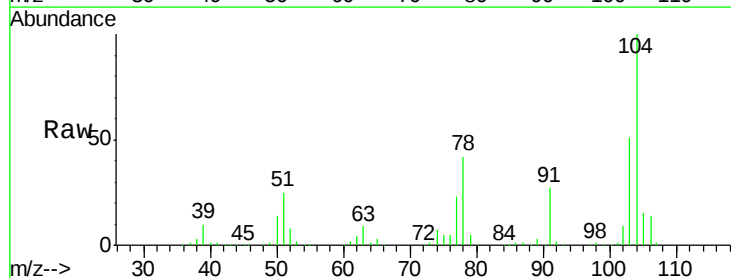


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

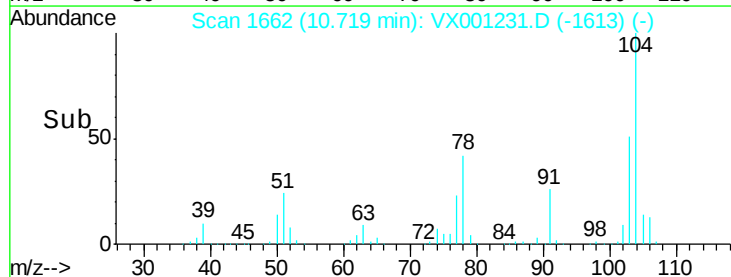
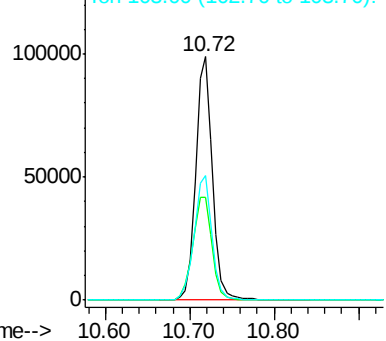


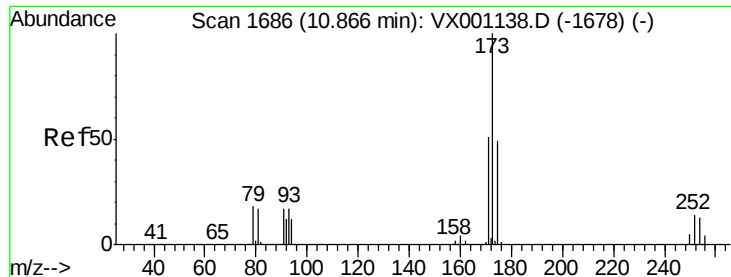
#70
Styrene
Concen: 19.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:104 Resp: 134287
Ion Ratio Lower Upper
104 100
78 49.3 40.3 60.5
103 55.5 44.3 66.5



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

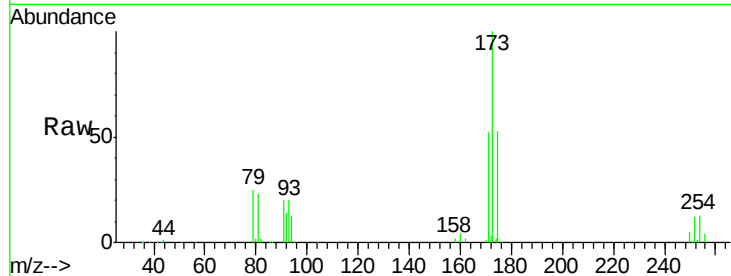




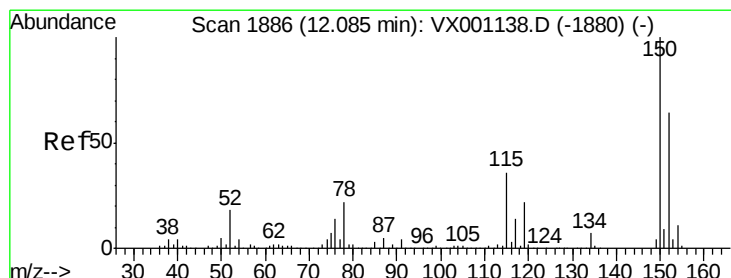
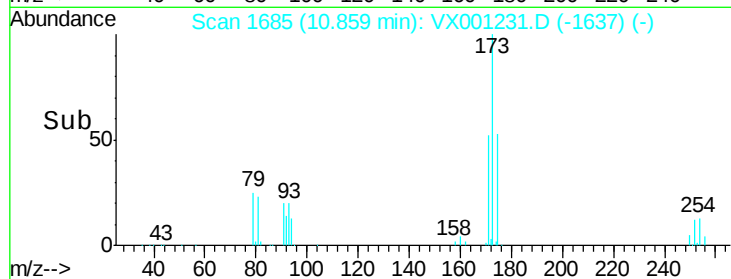
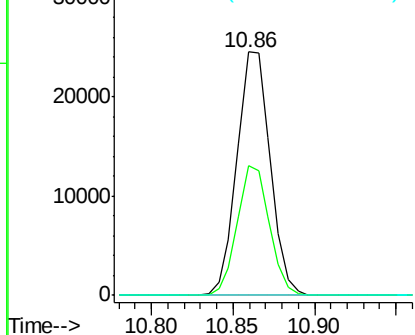
#71
Bromoform
Concen: 18.23 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion:173 Resp: 34981
Ion Ratio Lower Upper
173 100
175 51.3 24.6 73.8
254 0.1 0.2 0.2#

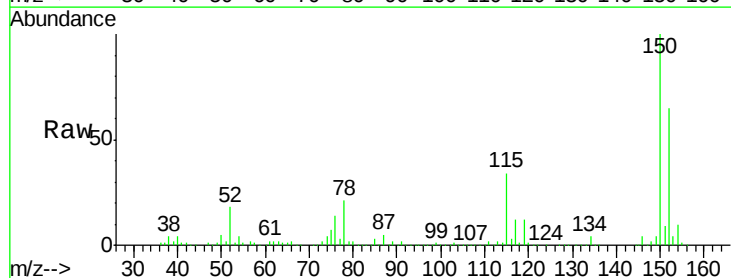


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

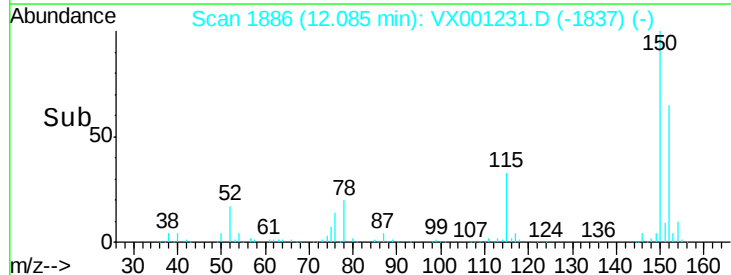
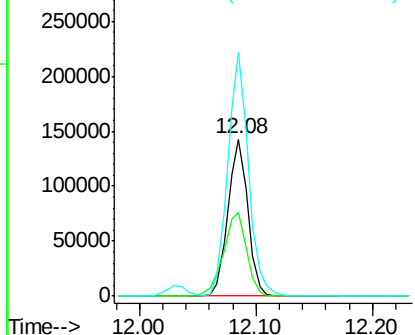


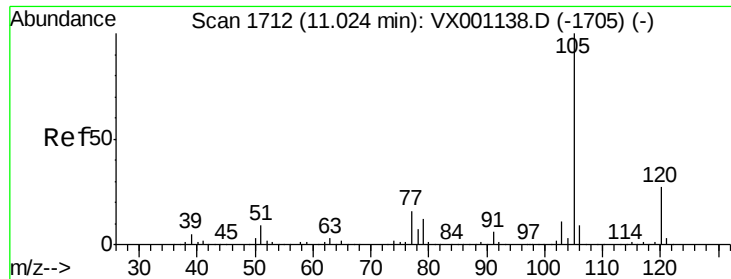
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:152 Resp: 168851
Ion Ratio Lower Upper
152 100
115 61.8 38.0 114.0
150 161.4 0.0 349.6



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: 19.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

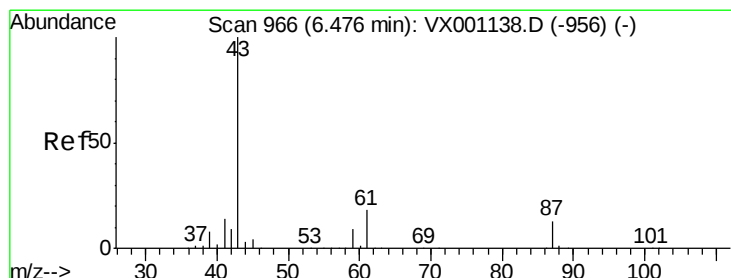
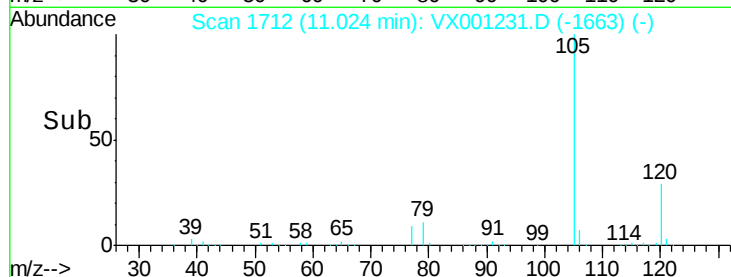
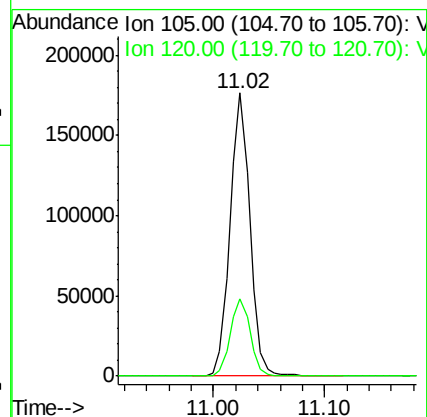
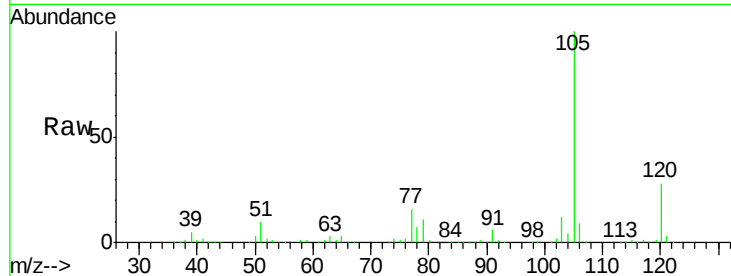
VX0428WBS02

Tgt Ion: 105 Resp: 218288

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.8



#74

N-ethyl acetate

Concen: 17.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion: 43 Resp: 98324

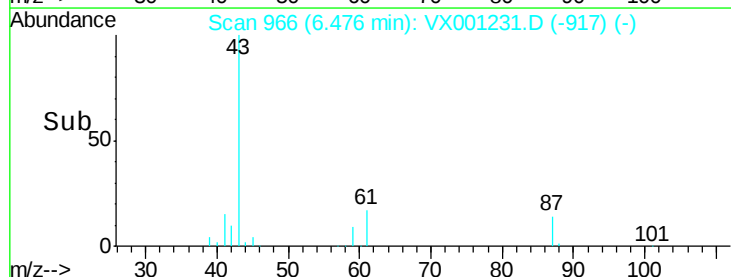
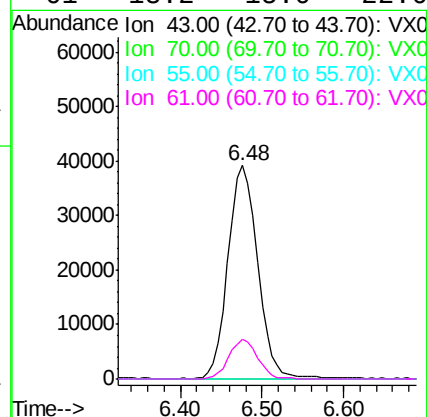
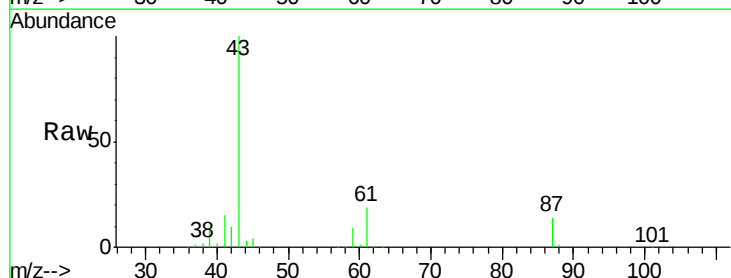
Ion Ratio Lower Upper

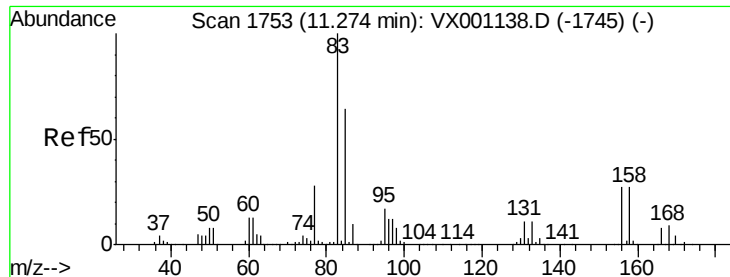
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

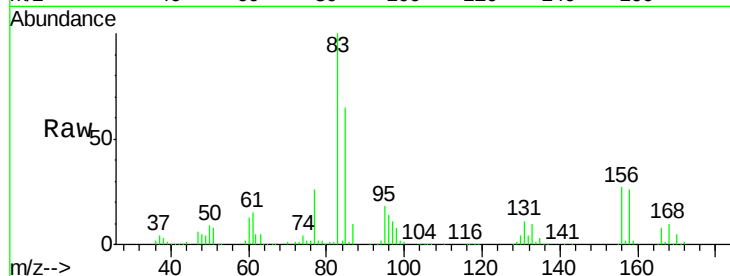
Tgt Ion: 83 Resp: 68062

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

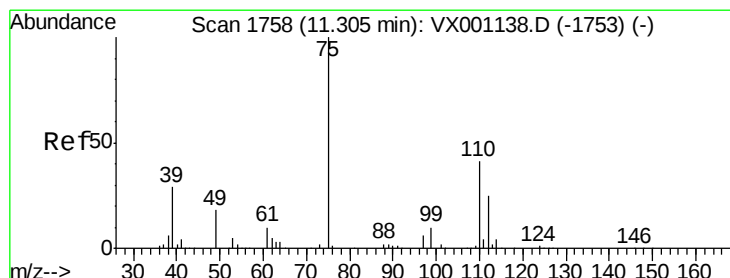
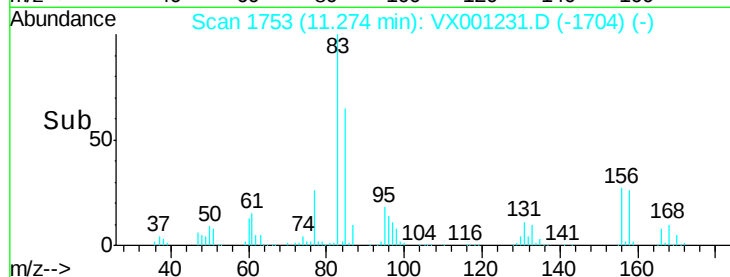
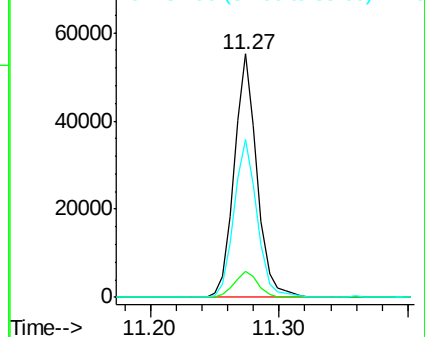
85 66.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.71 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001231.D

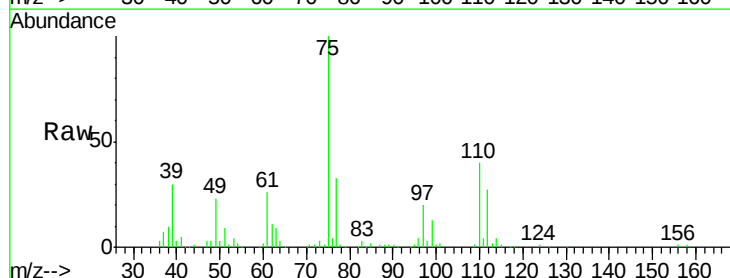
Acq: 28 Apr 2018 23:37

Tgt Ion: 75 Resp: 71205

Ion Ratio Lower Upper

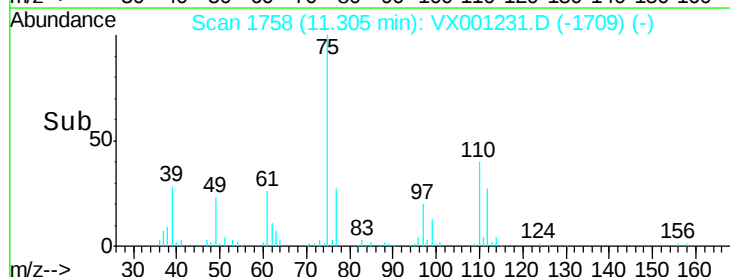
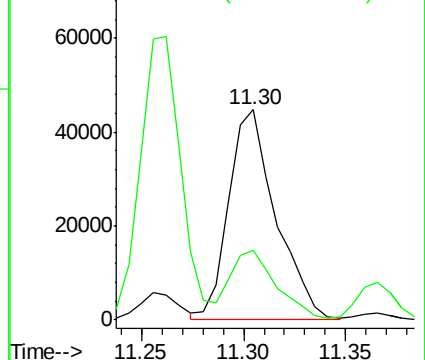
75 100

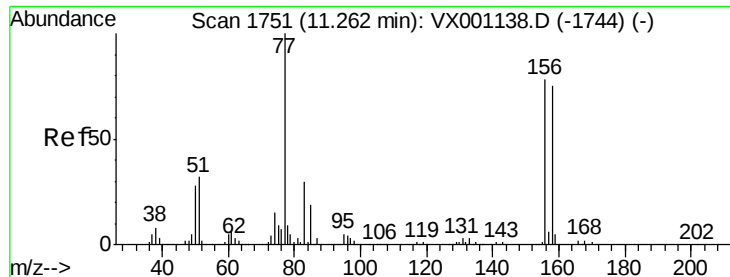
77 32.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

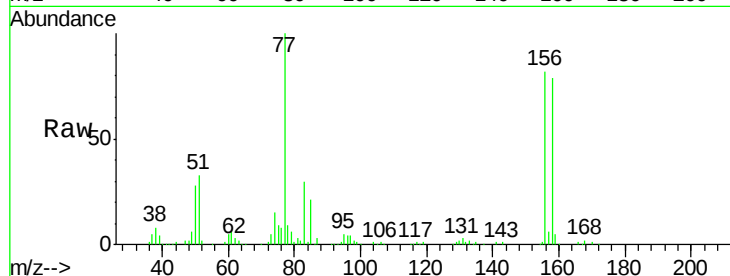
Tgt Ion:156 Resp: 64402

Ion Ratio Lower Upper

156 100

77 129.6 67.8 203.2

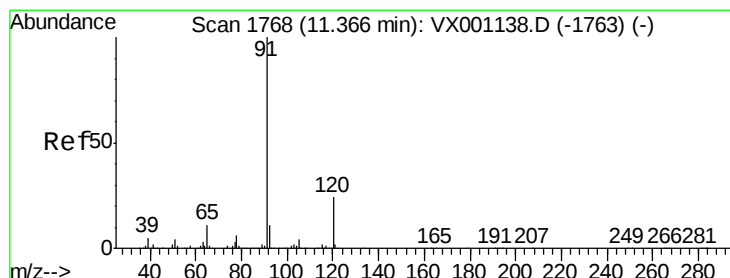
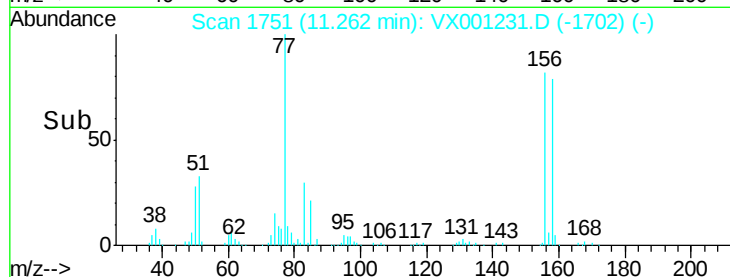
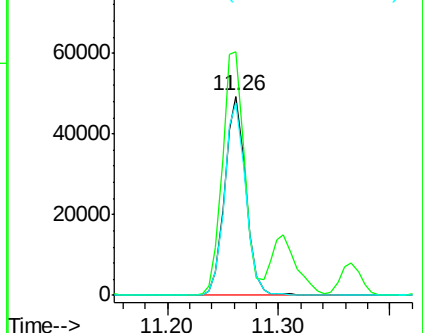
158 97.8 48.9 146.7



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: 20.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001231.D

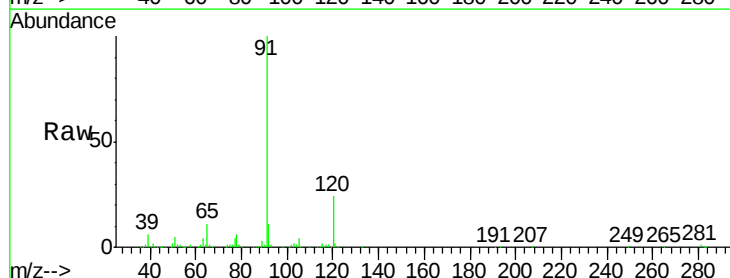
Acq: 28 Apr 2018 23:37

Tgt Ion: 91 Resp: 246552

Ion Ratio Lower Upper

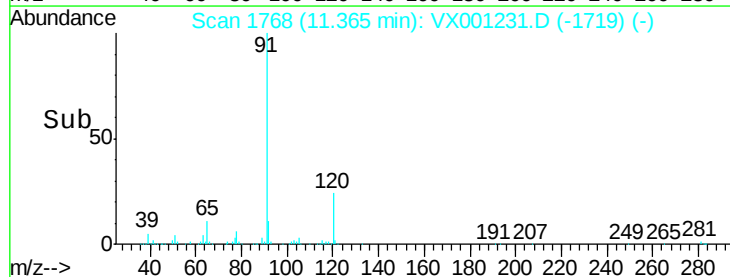
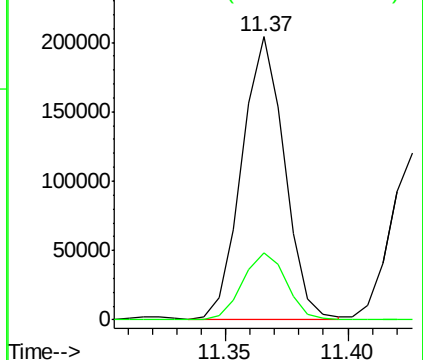
91 100

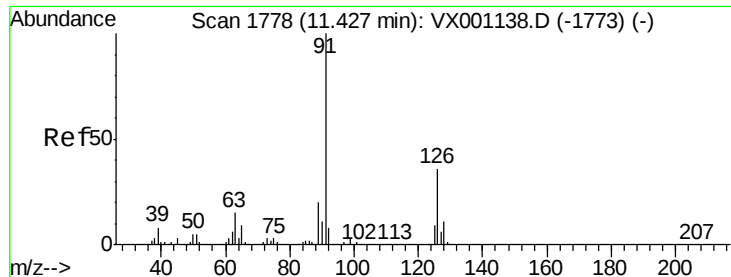
120 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

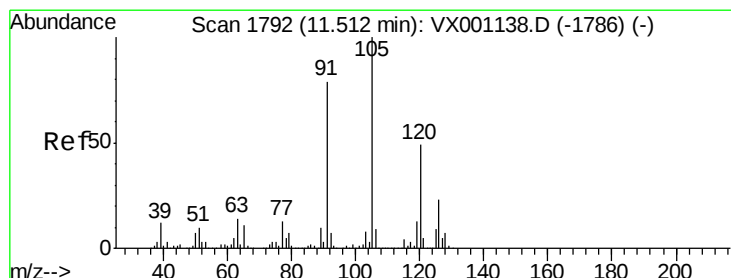
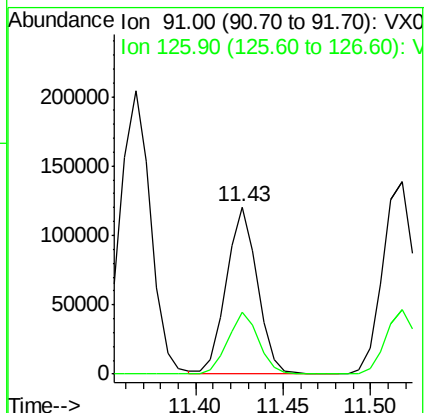
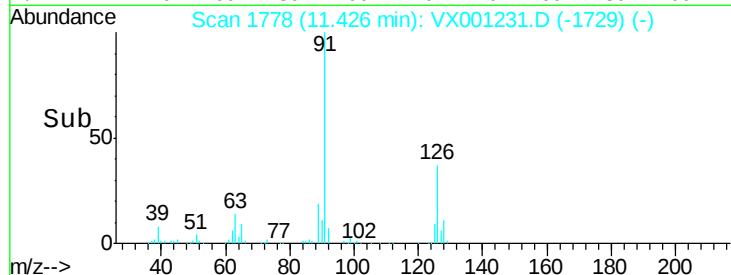
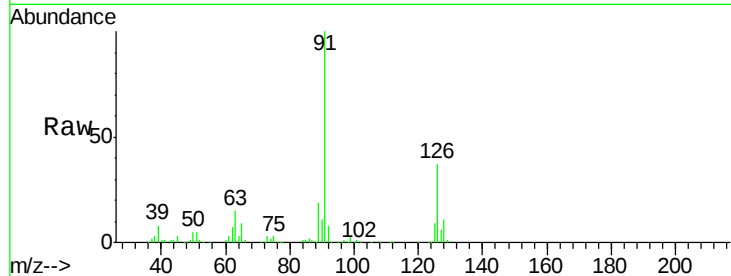
VX0428WBS02

Tgt Ion: 91 Resp: 148285

Ion Ratio Lower Upper

91 100

126 37.1 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001231.D

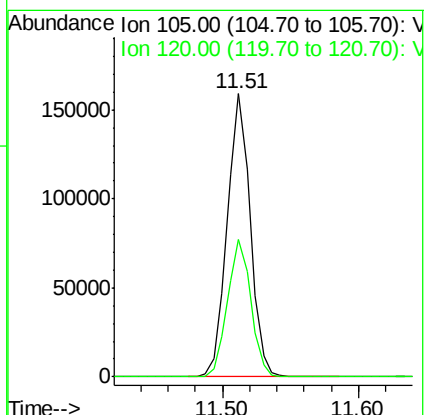
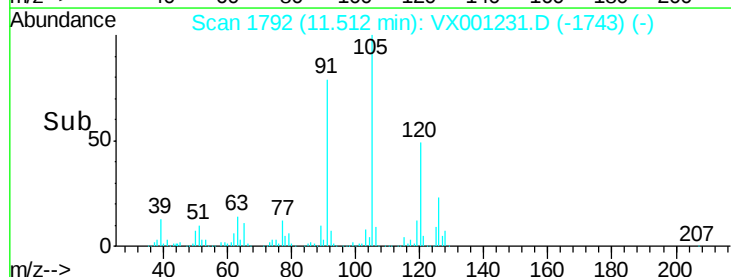
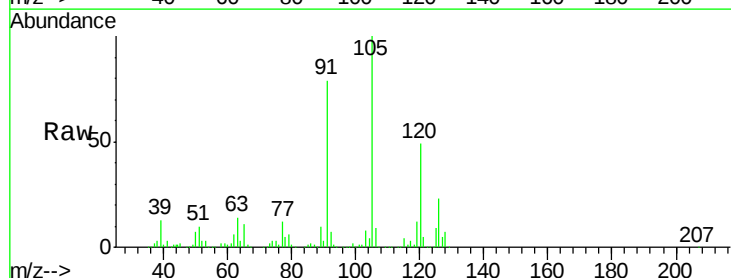
Acq: 28 Apr 2018 23:37

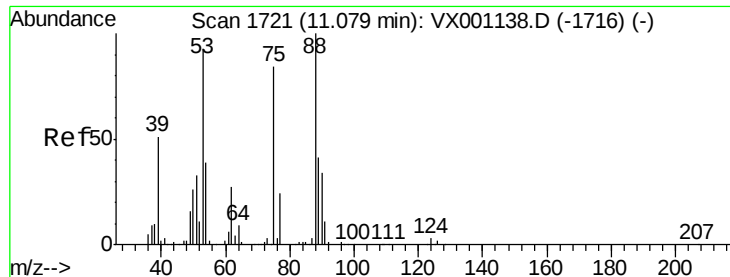
Tgt Ion: 105 Resp: 186798

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.56 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

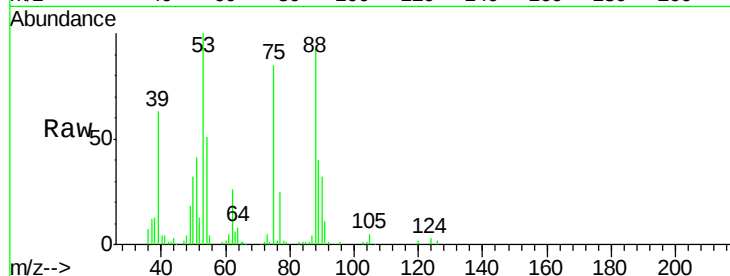
Tgt Ion: 75 Resp: 12547

Ion Ratio Lower Upper

75 100

53 126.6 87.9 131.9

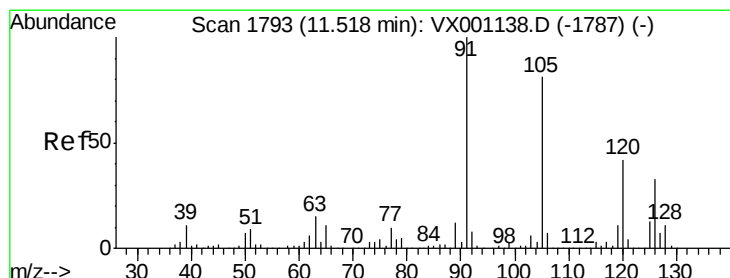
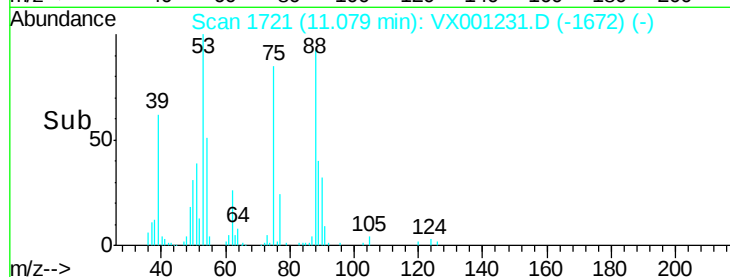
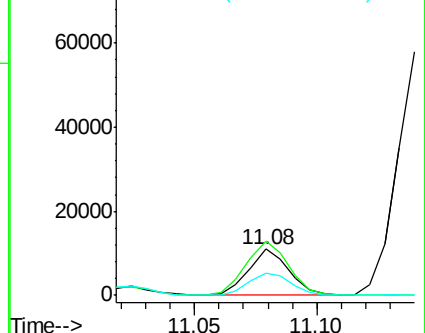
89 50.4 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001231.D

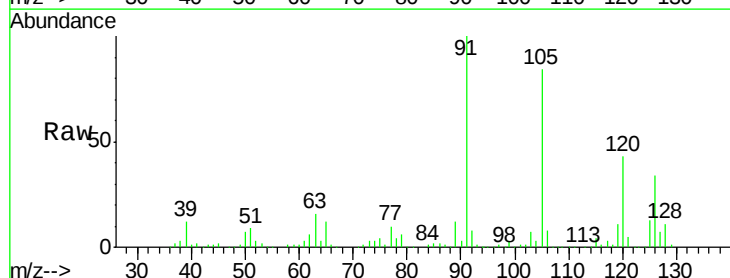
Acq: 28 Apr 2018 23:37

Tgt Ion: 91 Resp: 177652

Ion Ratio Lower Upper

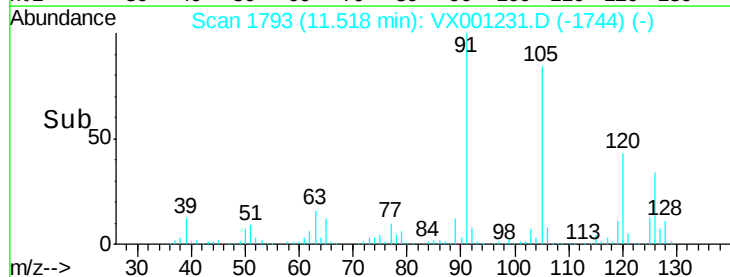
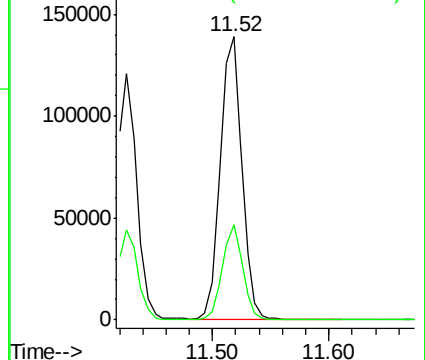
91 100

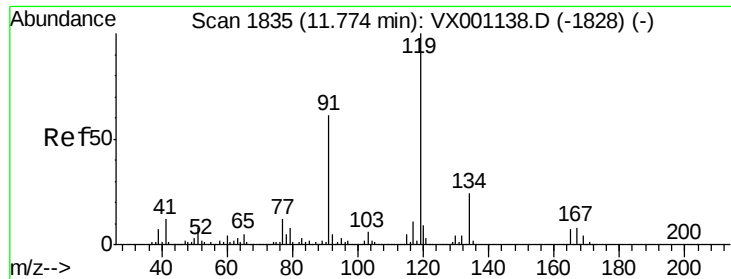
126 31.8 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

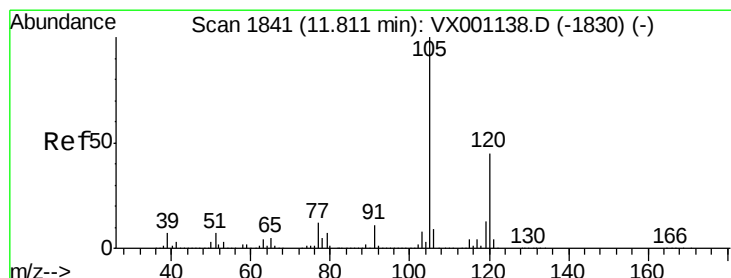
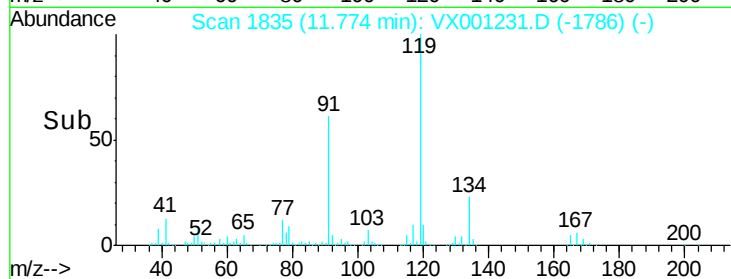
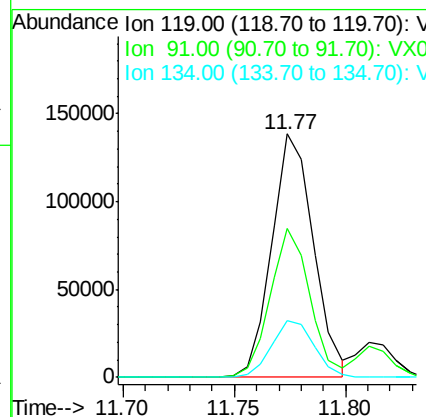
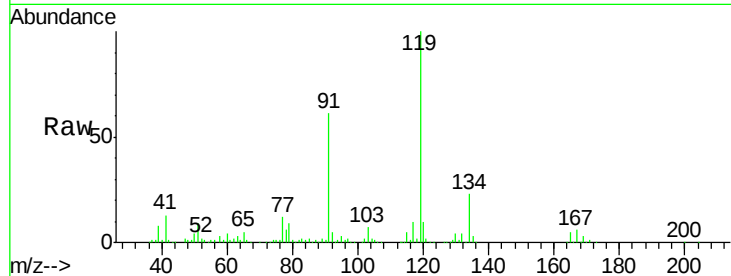




#83
 tert-Butylbenzene
 Concen: 19.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

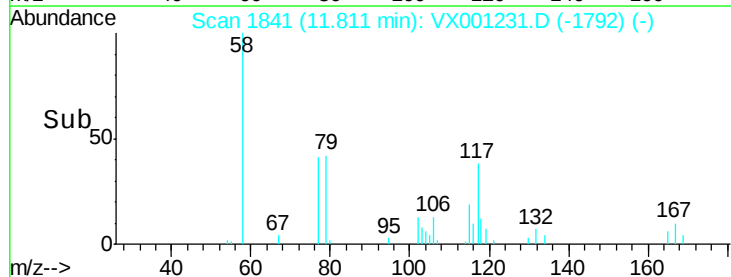
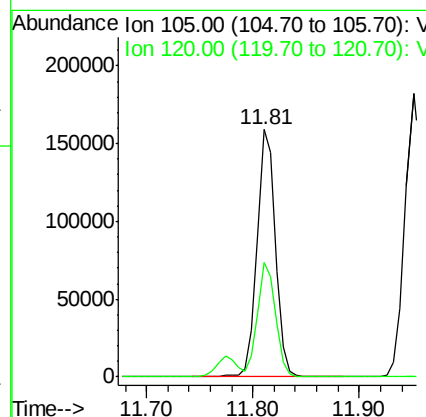
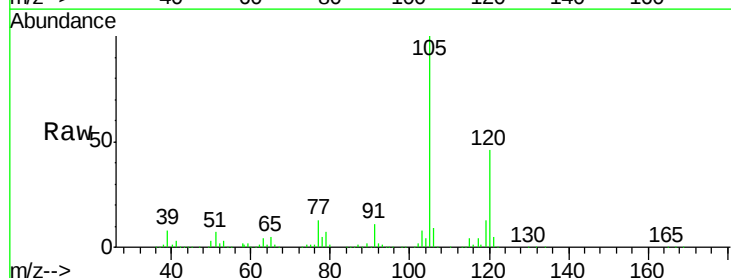
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

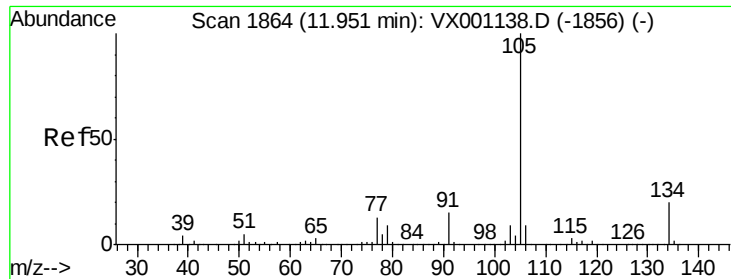
Tgt Ion:119 Resp: 180234
 Ion Ratio Lower Upper
 119 100
 91 58.2 27.6 82.8
 134 24.1 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion:105 Resp: 193416
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3

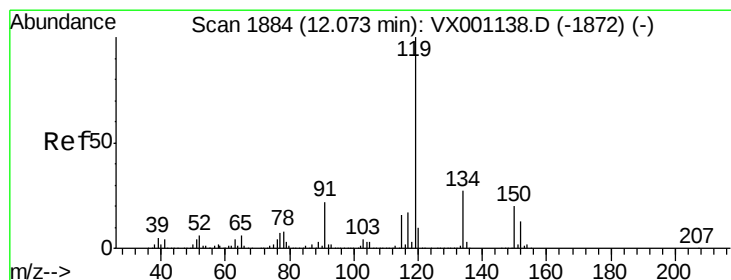
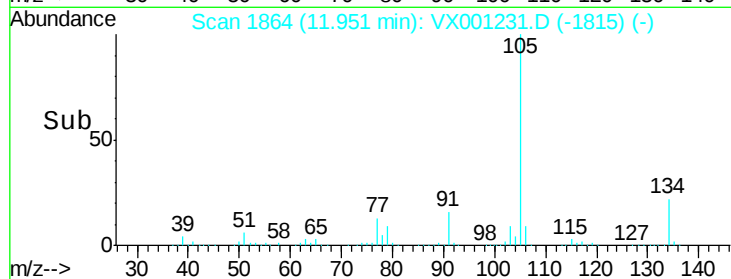
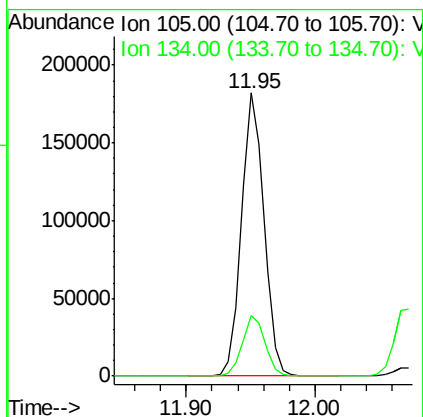
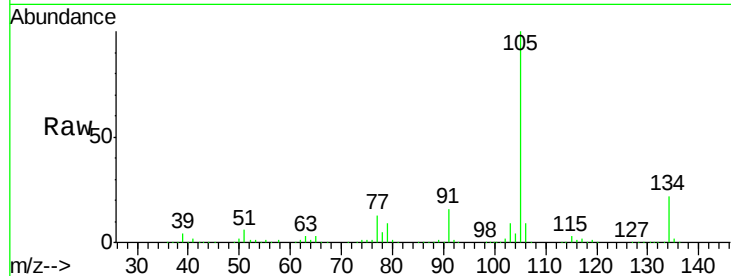




#85
 sec-Butylbenzene
 Concen: 20.21 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

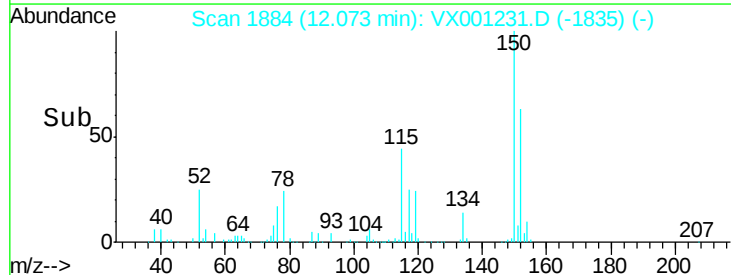
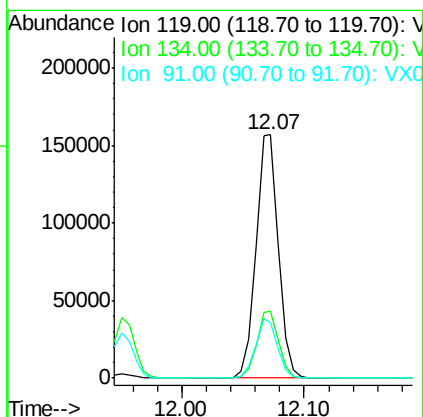
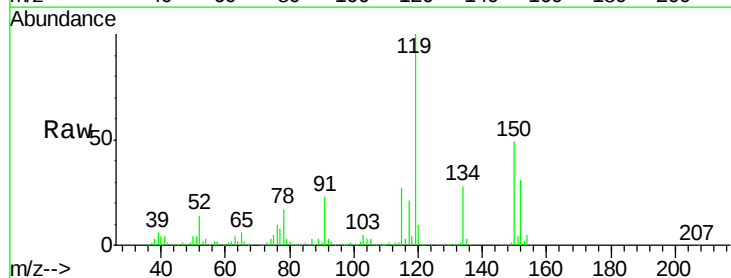
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

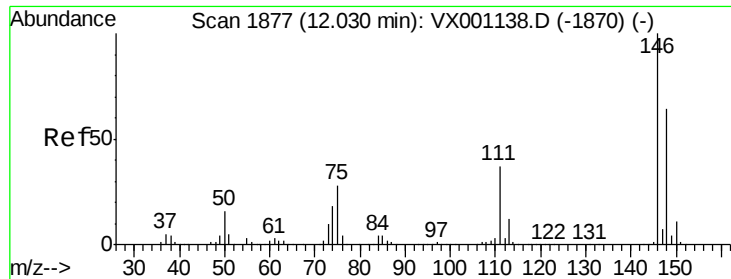
Tgt Ion:105 Resp: 219583
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.89 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion:119 Resp: 201018
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 23.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.69 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

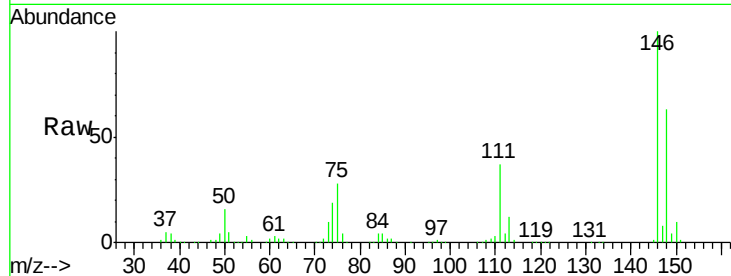
Tgt Ion:146 Resp: 115373

Ion Ratio Lower Upper

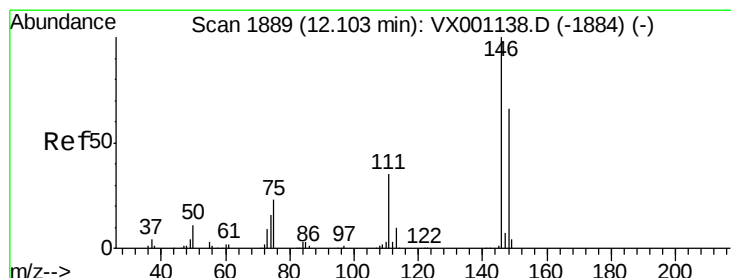
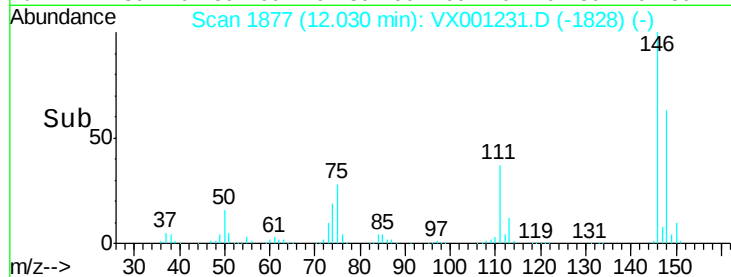
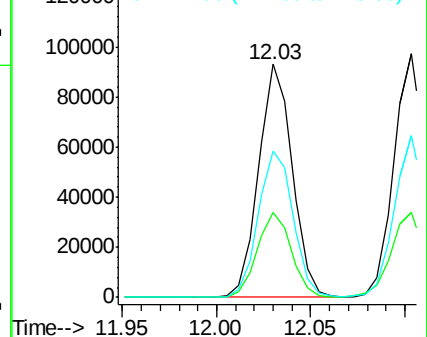
146 100

111 36.9 18.6 56.0

148 65.0 32.3 96.8



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: 19.38 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

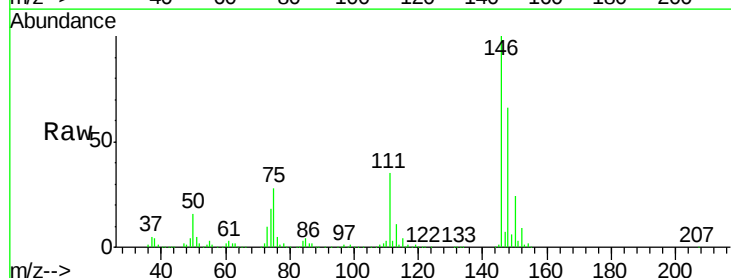
Tgt Ion:146 Resp: 118302

Ion Ratio Lower Upper

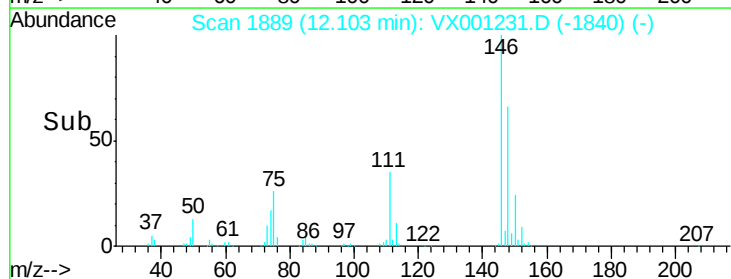
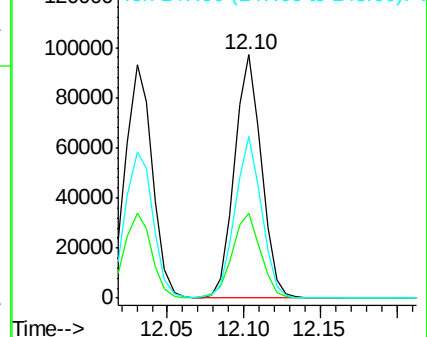
146 100

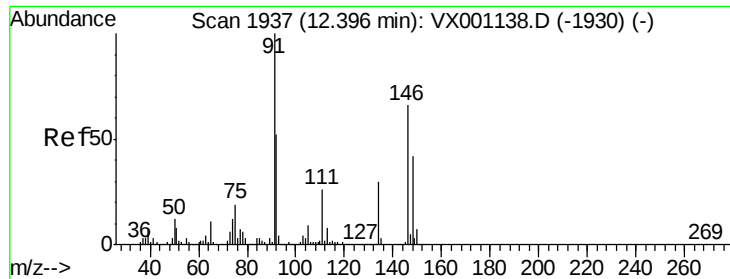
111 36.9 18.0 54.0

148 65.5 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

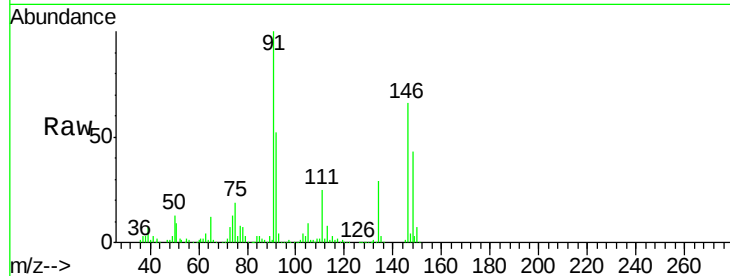
Tgt Ion: 91 Resp: 170556

Ion Ratio Lower Upper

91 100

92 51.3 26.2 78.6

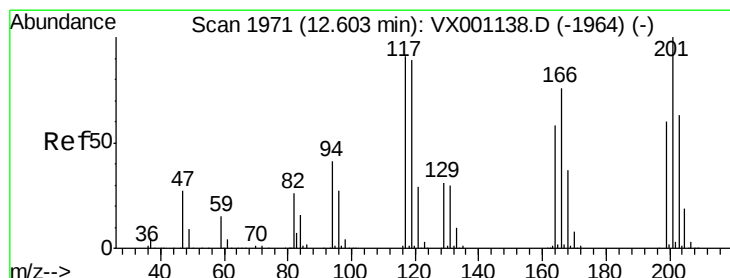
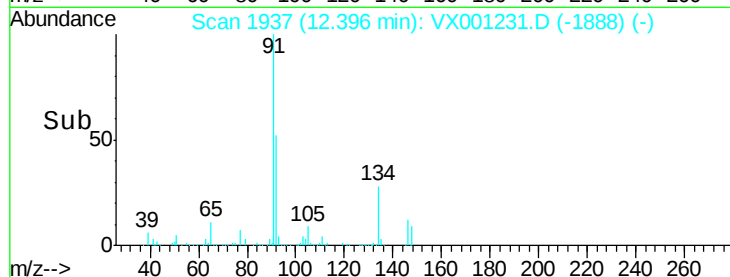
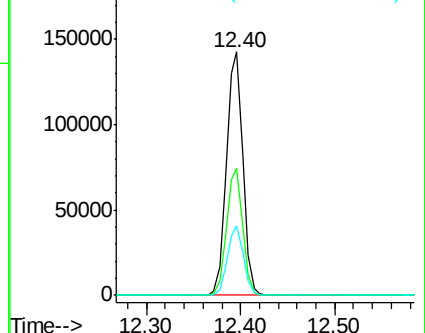
134 27.8 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.23 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001231.D

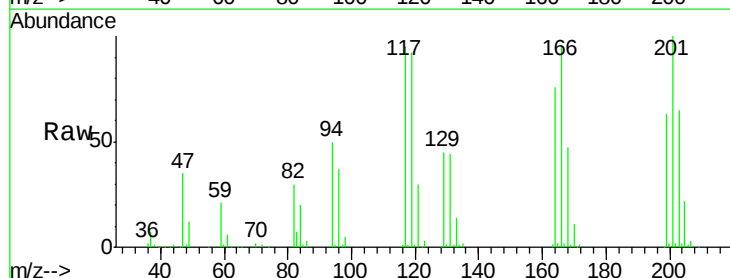
Acq: 28 Apr 2018 23:37

Tgt Ion: 117 Resp: 27717

Ion Ratio Lower Upper

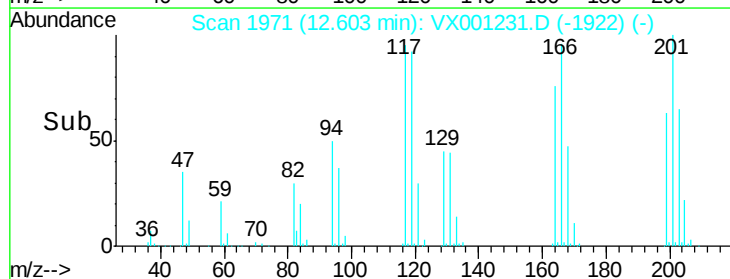
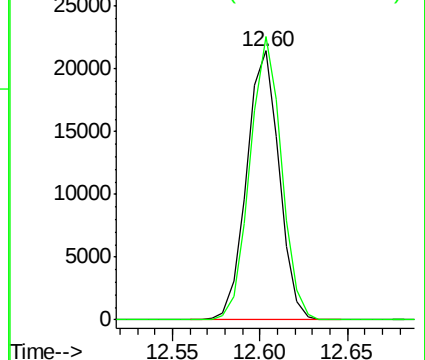
117 100

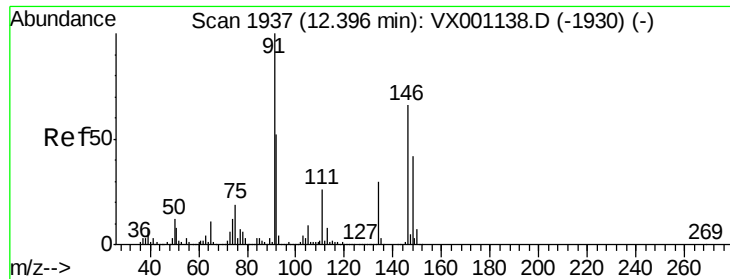
201 102.2 51.8 155.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.57 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

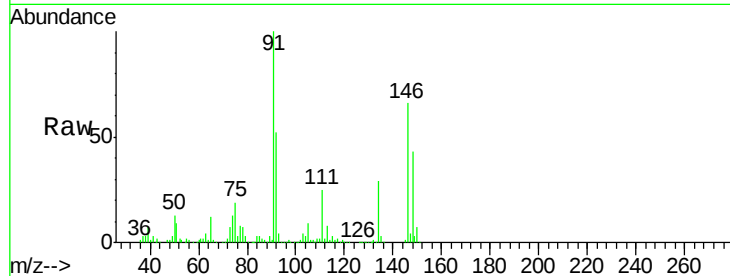
Tgt Ion:146 Resp: 115903

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

148 64.4 32.2 96.6



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

120000

100000

80000

60000

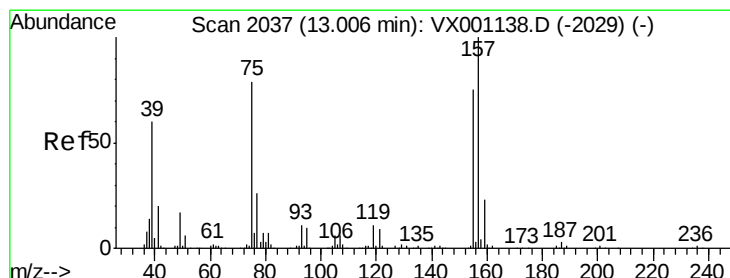
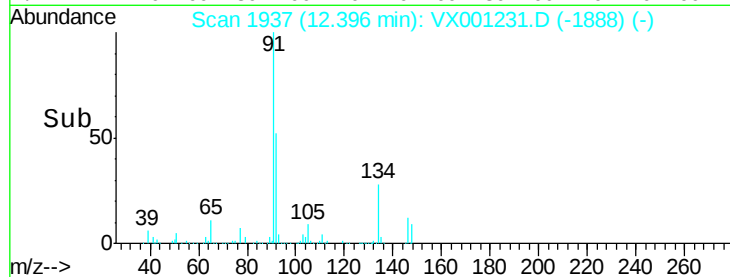
40000

20000

0

12.35 12.40 12.45

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.10 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

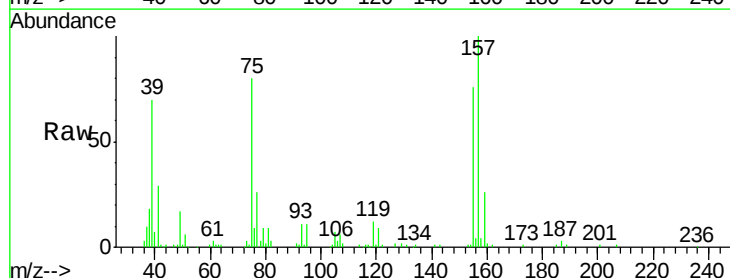
Tgt Ion: 75 Resp: 13782

Ion Ratio Lower Upper

75 100

155 100.7 48.4 145.3

157 131.1 62.7 188.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

15000

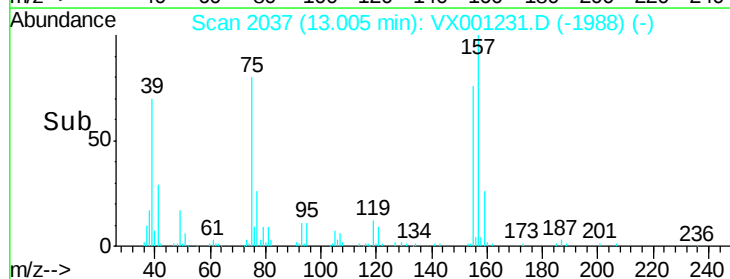
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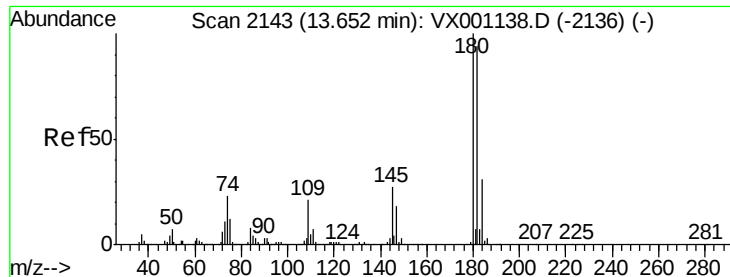
5000

0

12.95 13.00 13.05

Time-->

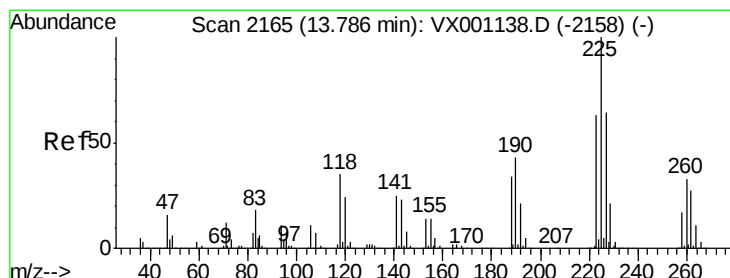
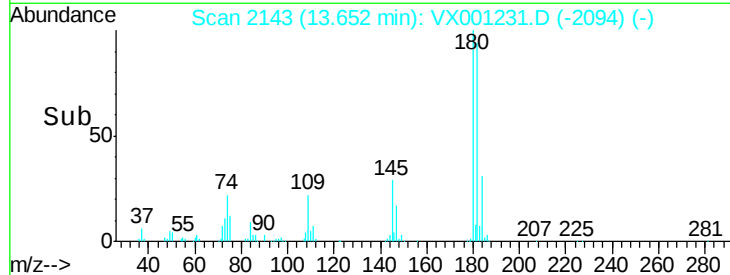
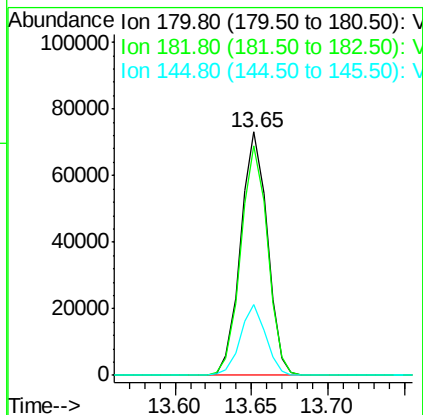
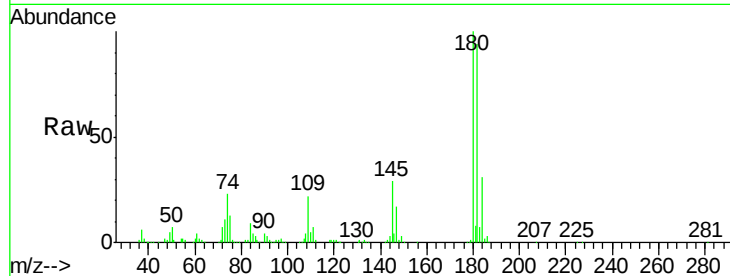




#93
 1,2,4-Trichlorobenzene
 Concen: 19.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

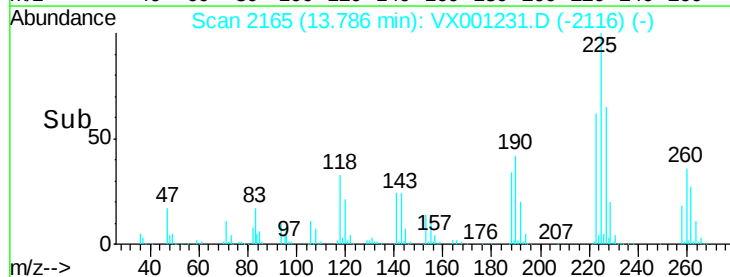
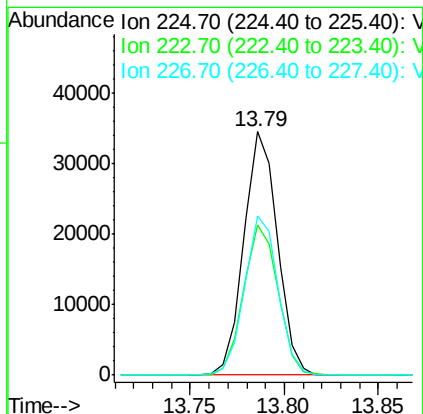
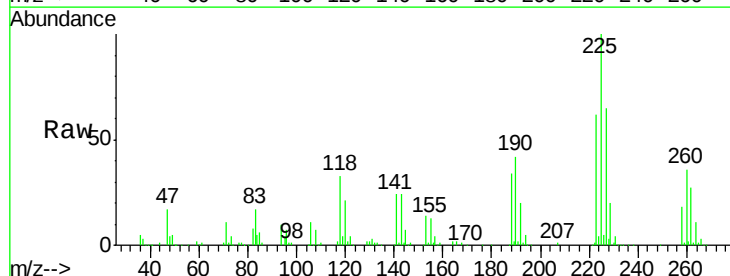
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

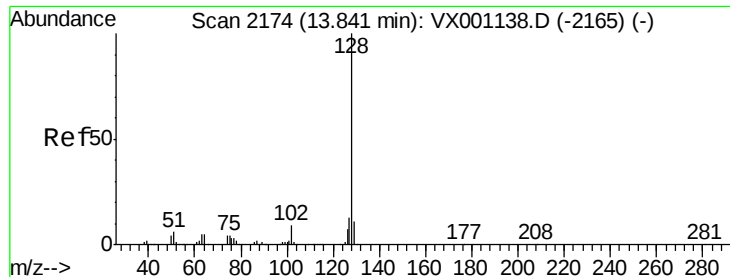
Tgt Ion:180 Resp: 88531
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.6
 145 27.6 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 19.62 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion:225 Resp: 42811
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.9
 227 65.1 32.2 96.6

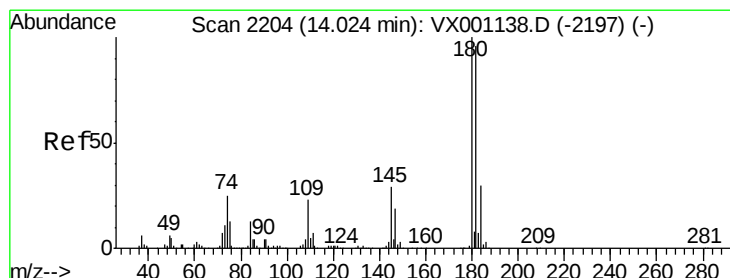
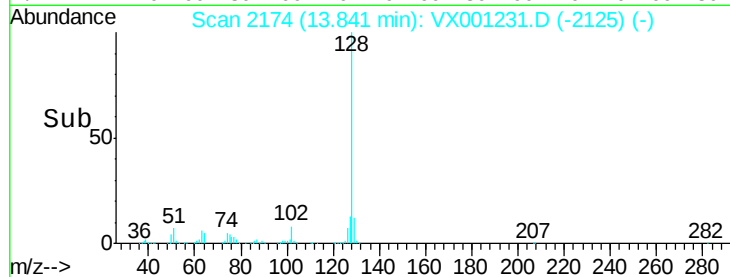
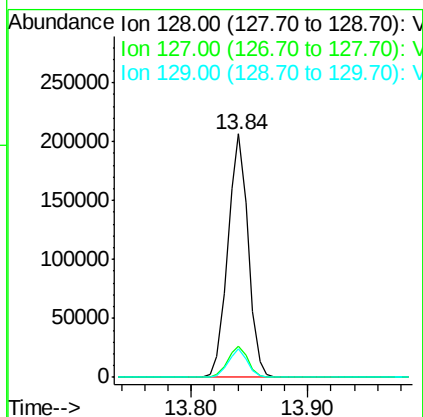
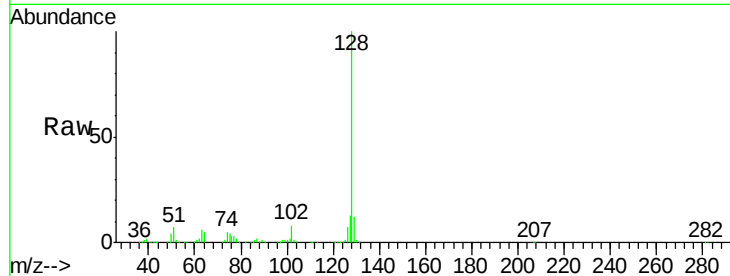




#95
Naphthalene
Concen: 19.22 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion:128 Resp: 248619
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.88 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:180 Resp: 91862
Ion Ratio Lower Upper
180 100
182 94.2 48.2 144.6
145 28.7 14.5 43.5

