

Data File : VX001146.D

Acq On : 26 Apr 2018 23:54

Operator : JC/MD

Sample : VX0426WBSD02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Quant Time: Apr 27 07:19:09 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	228717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160474	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	5.51	113	126393	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	482038	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.14	95	184423	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49819	20.77	ug/l	98
3) Chloromethane	1.32	50	49923	19.87	ug/l	100
4) Vinyl Chloride	1.40	62	54582	20.48	ug/l	98
5) Bromomethane	1.64	94	41157	24.08	ug/l	99
6) Chloroethane	1.73	64	34578	20.61	ug/l	96
7) Trichlorofluoromethane	1.93	101	91034	21.15	ug/l	99
8) Diethyl Ether	2.19	74	32890	19.87	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49696	20.95	ug/l	99
10) Methyl Iodide	2.51	142	38205	20.49	ug/l	98
11) Tert butyl alcohol	3.09	59	71385	102.10	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47191	20.40	ug/l	97
13) Acrolein	2.30	56	22192	83.96	ug/l	99
14) Allyl chloride	2.73	41	86779	20.57	ug/l	99
15) Acrylonitrile	3.15	53	146857	98.36	ug/l	98
16) Acetone	2.45	43	137244	94.13	ug/l	99
17) Carbon Disulfide	2.57	76	119352	20.22	ug/l	99
18) Methyl Acetate	2.79	43	76526	20.98	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	169960	19.96	ug/l	99
20) Methylene Chloride	2.86	84	52297	19.26	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51254	20.05	ug/l	96
22) Diisopropyl ether	3.89	45	163583	19.38	ug/l	98
23) Vinyl Acetate	3.84	43	705101	98.45	ug/l	99
24) 1,1-Dichloroethane	3.70	63	87733	19.77	ug/l	98
25) 2-Butanone	4.72	43	210042	96.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60150	17.22	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55471	19.82	ug/l	99
28) Bromochloromethane	5.03	49	37515	18.86	ug/l	100
29) Tetrahydrofuran	5.18	42	136539	97.35	ug/l	99
30) Chloroform	5.23	83	95087	20.15	ug/l	94
31) Cyclohexane	5.58	56	78433	20.81	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	83837	20.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	69946	20.03	ug/l	99
37) Ethyl Acetate	4.87	43	81983	19.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	72650	20.29	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Quant Time: Apr 27 07:19:09 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	80224	20.76	ug/l	95
40) Benzene	6.15	78	208790	20.67	ug/l	98
41) Methacrylonitrile	5.07	41	46481	19.78	ug/l	100
42) 1,2-Dichloroethane	6.21	62	81970	20.14	ug/l	100
43) Isopropyl Acetate	6.48	43	128461	19.56	ug/l	100
44) Trichloroethene	7.22	130	61387	20.40	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51976	19.57	ug/l	98
46) Dibromomethane	7.67	93	37127	20.18	ug/l	99
47) Bromodichloromethane	7.91	83	65934	19.73	ug/l	99
48) Methyl methacrylate	7.79	41	68882	19.73	ug/l	98
49) 1,4-Dioxane	7.76	88	27248	389.92	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	433986	100.61	ug/l	98
52) Toluene	8.79	92	136427	20.66	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	76821	19.77	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71279	19.01	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	54718	19.58	ug/l	99
56) Ethyl methacrylate	9.19	69	81811	19.76	ug/l	99
57) 1,3-Dichloropropane	9.38	76	90170	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	190381	97.27	ug/l	99
59) 2-Hexanone	9.51	43	332917	98.51	ug/l	99
60) Dibromochloromethane	9.59	129	56265	19.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59265	20.24	ug/l	99
64) Tetrachloroethene	9.34	164	68506	21.49	ug/l	99
65) Chlorobenzene	10.15	112	159400	20.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55172	20.38	ug/l	99
67) Ethyl Benzene	10.26	91	263469	20.72	ug/l	99
68) m/p-Xylenes	10.37	106	206371	41.06	ug/l	100
69) o-Xylene	10.71	106	101610	20.84	ug/l	100
70) Styrene	10.72	104	164227	20.24	ug/l	99
71) Bromoform	10.87	173	44207	18.94	ug/l #	98
73) Isopropylbenzene	11.02	105	273246	21.26	ug/l	99
74) N-amyl acetate	6.48	43	128461	19.84	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84569	19.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93054	23.18	ug/l	90
77) Bromobenzene	11.26	156	77489	20.34	ug/l	99
78) n-propylbenzene	11.37	91	304059	21.22	ug/l	100
79) 2-Chlorotoluene	11.43	91	185005	20.83	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230658	21.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17487	17.58	ug/l	90
82) 4-Chlorotoluene	11.52	91	217757	20.63	ug/l	99
83) tert-Butylbenzene	11.77	119	225216	20.74	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	237773	21.26	ug/l	99
85) sec-Butylbenzene	11.95	105	273375	21.55	ug/l	100
86) p-Isopropyltoluene	12.07	119	251659	21.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140484	20.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	142770	20.03	ug/l	99
89) n-Butylbenzene	12.40	91	211942	20.76	ug/l	100
90) Hexachloroethane	12.60	117	34887	20.46	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	141601	20.48	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18937	20.13	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Quant Time: Apr 27 07:19:09 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	108540	20.02	ug/l	100
94) Hexachlorobutadiene	13.79	225	53223	20.89	ug/l	99
95) Naphthalene	13.84	128	311396	20.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	111495	20.67	ug/l	98

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

Data File : VX001146.D

Acq On : 26 Apr 2018 23:54

Operator : JC/MD

Sample : VX0426WBSD02

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

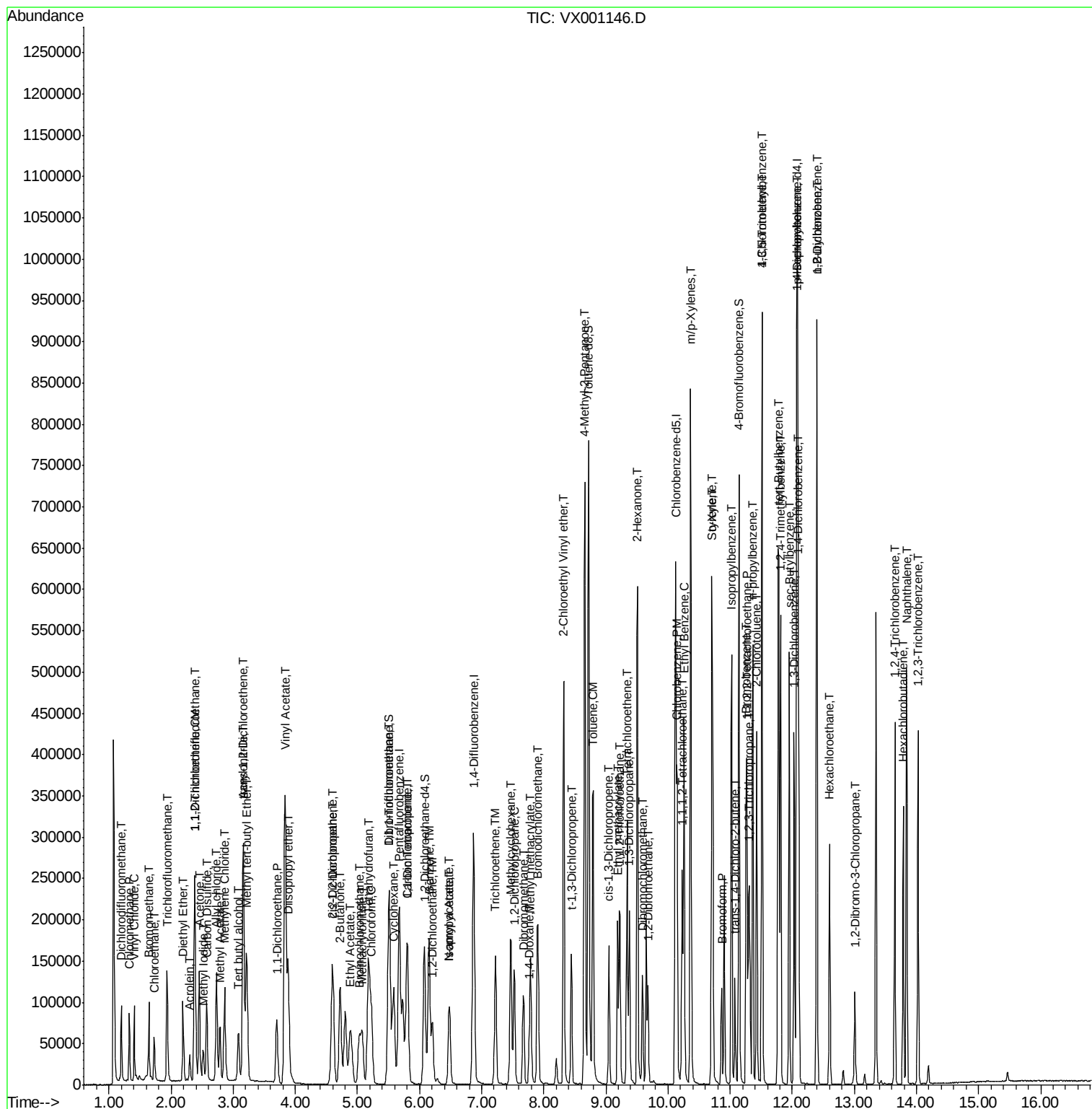
Quant Time: Apr 27 07:19:09 2018

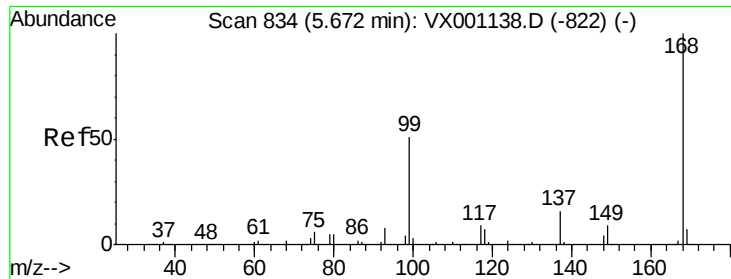
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X042618W.M

Quant Title : SW846 8260

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

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: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

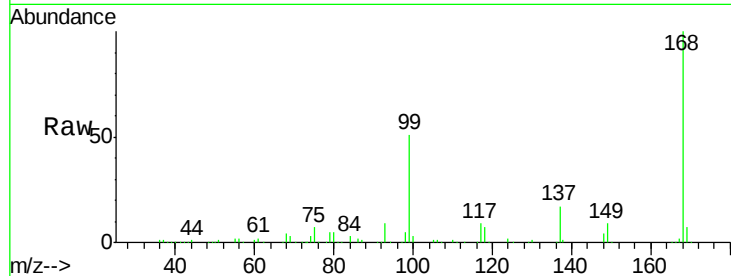
VX0426WBSD02

Tgt Ion:168 Resp: 228717

Ion Ratio Lower Upper

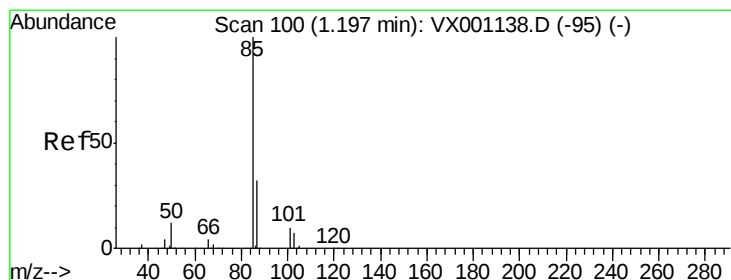
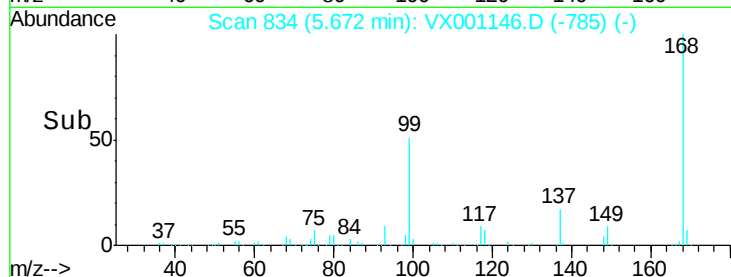
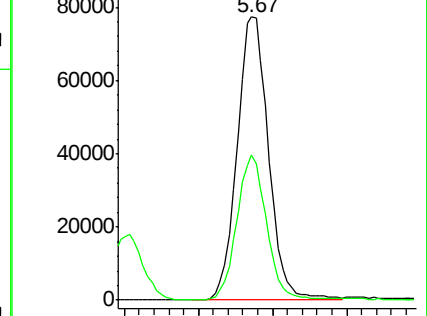
168 100

99 51.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001146.D

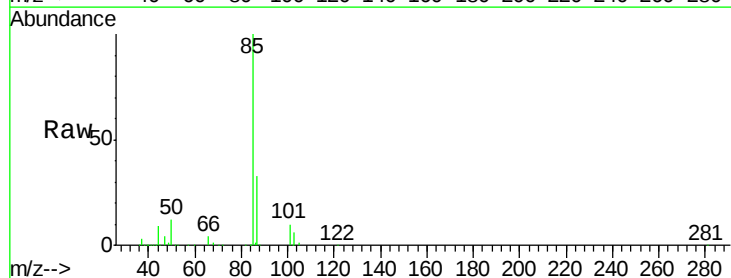
Acq: 26 Apr 2018 23:54

Tgt Ion: 85 Resp: 49819

Ion Ratio Lower Upper

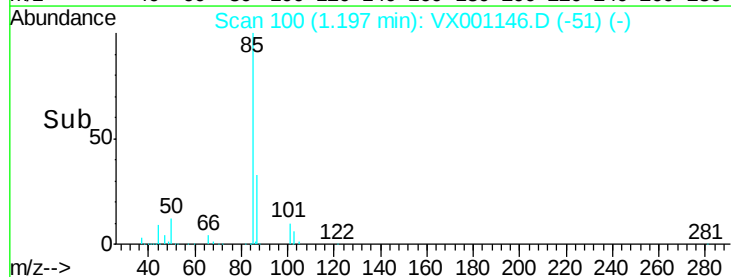
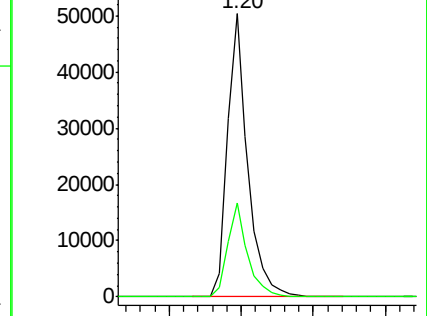
85 100

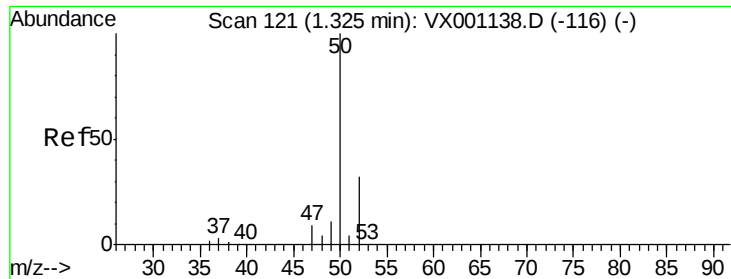
87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

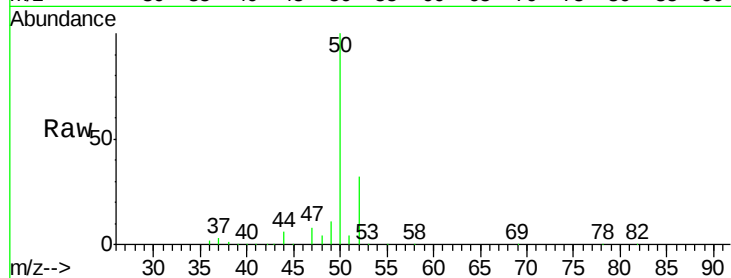
VX0426WBSD02

Tgt Ion: 50 Resp: 49923

Ion Ratio Lower Upper

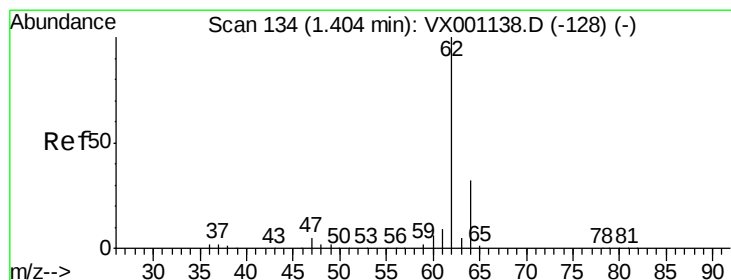
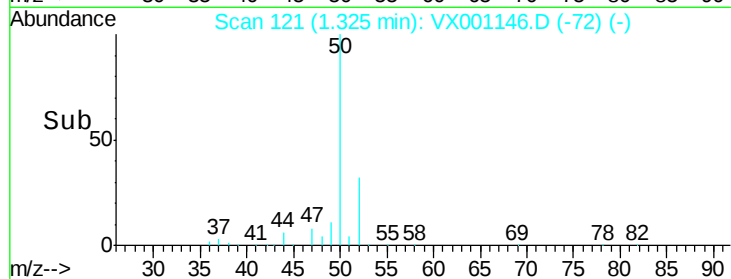
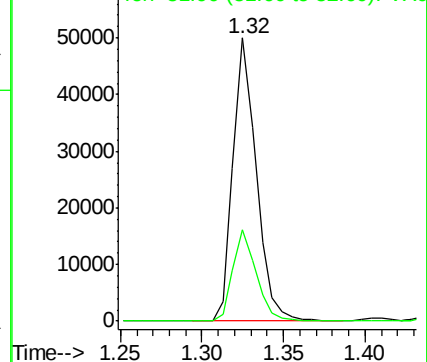
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001146.D

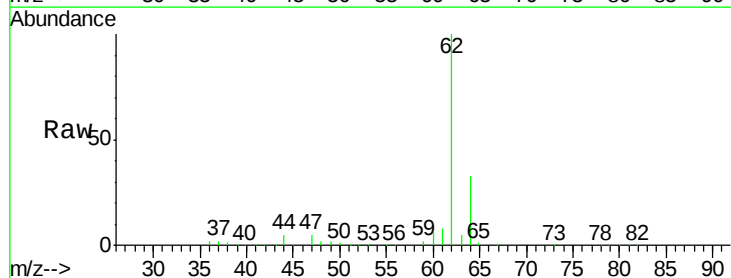
Acq: 26 Apr 2018 23:54

Tgt Ion: 62 Resp: 54582

Ion Ratio Lower Upper

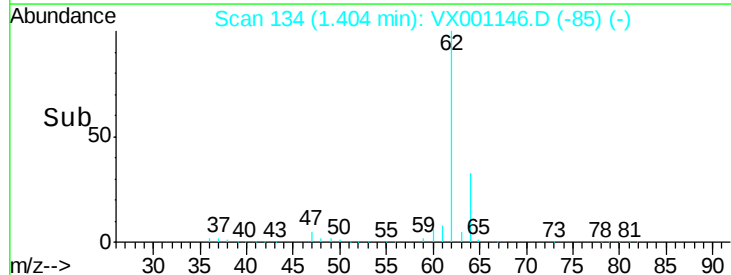
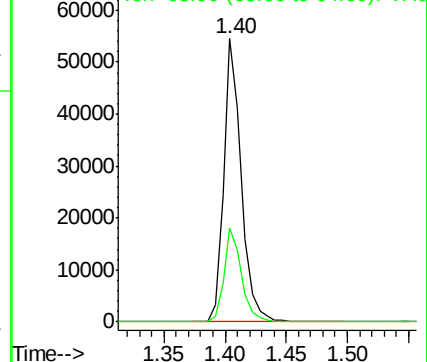
62 100

64 33.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.08 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

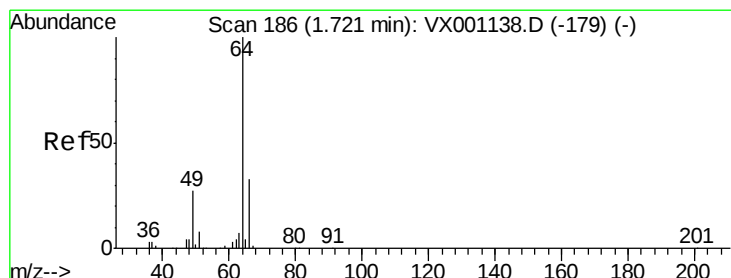
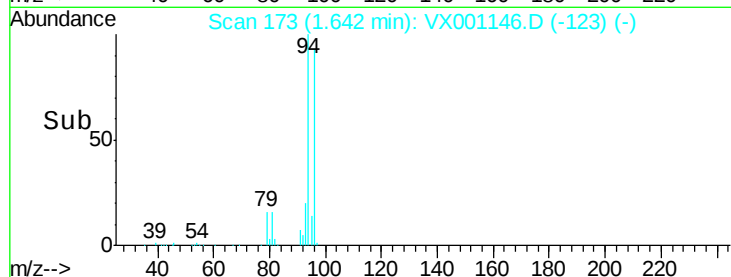
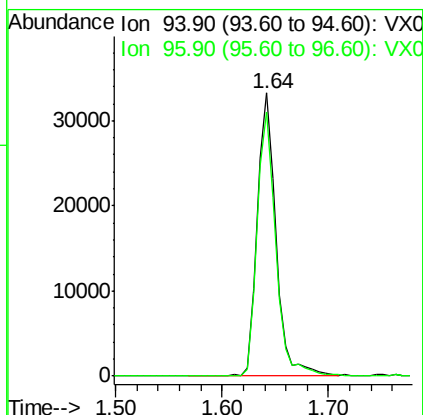
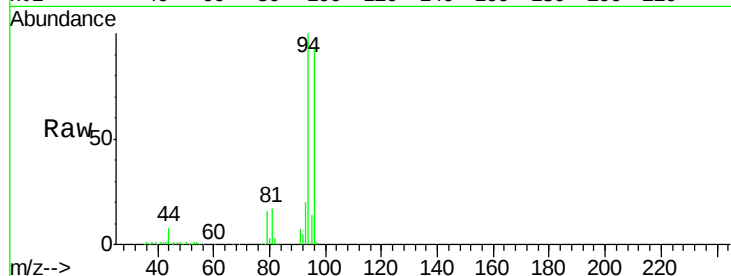
VX0426WBSD02

Tgt Ion: 94 Resp: 41157

Ion Ratio Lower Upper

94 100

96 93.2 75.3 112.9



#6

Chloroethane

Concen: 20.61 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001146.D

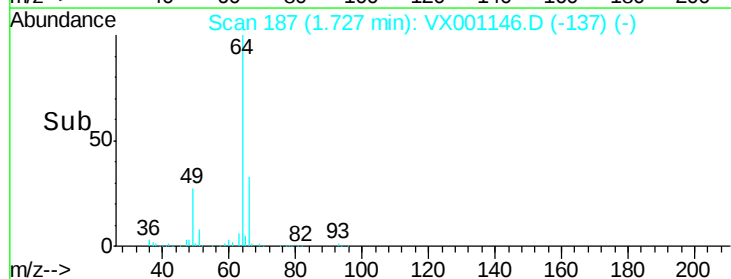
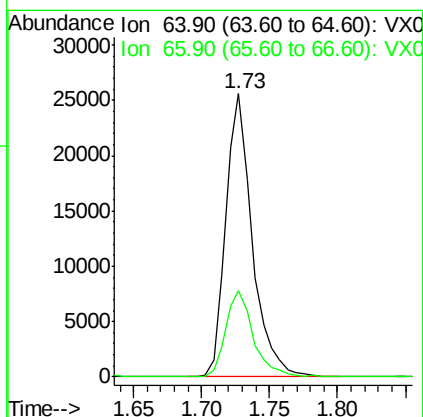
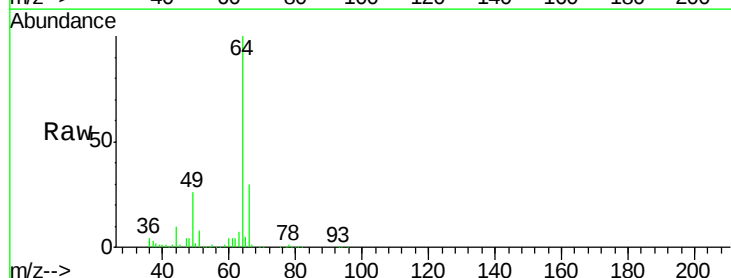
Acq: 26 Apr 2018 23:54

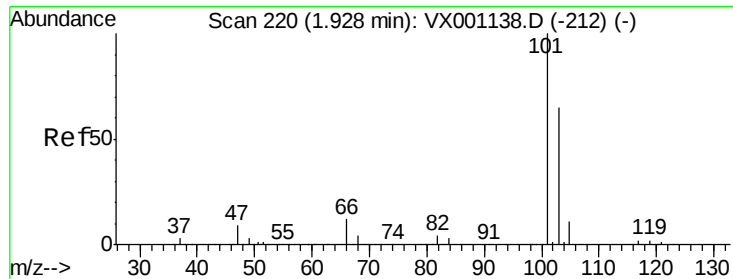
Tgt Ion: 64 Resp: 34578

Ion Ratio Lower Upper

64 100

66 30.4 26.1 39.1



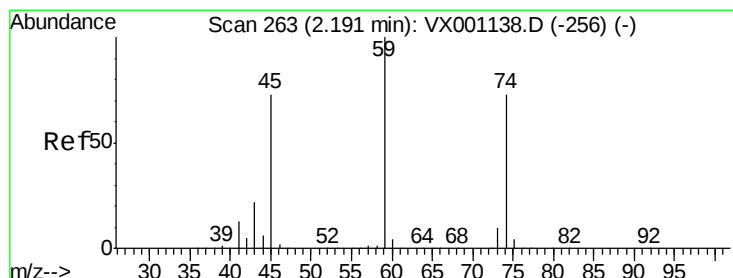
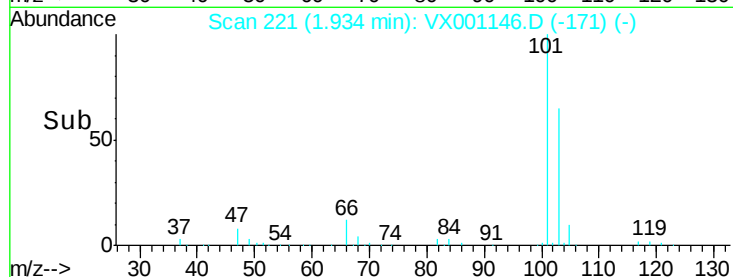
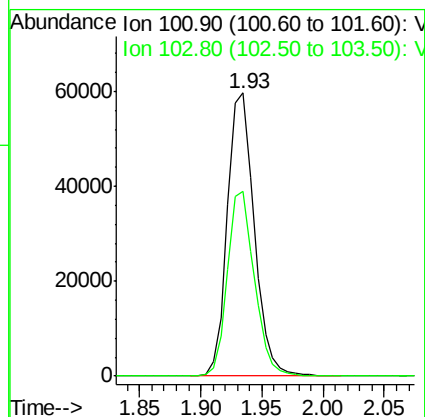
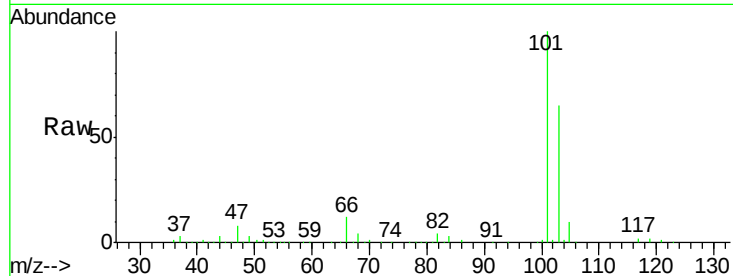


#7

Trichlorofluoromethane
 Concen: 21.15 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

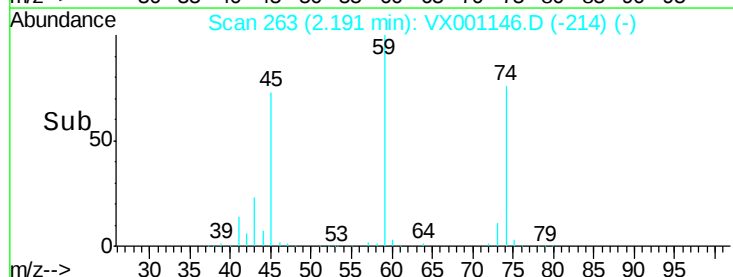
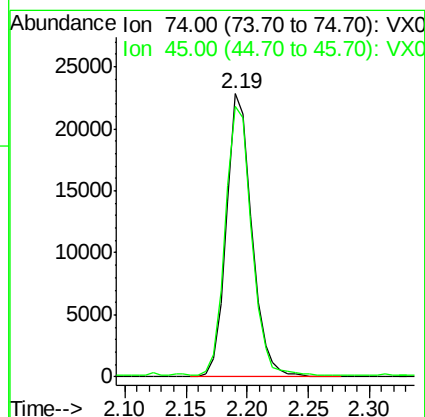
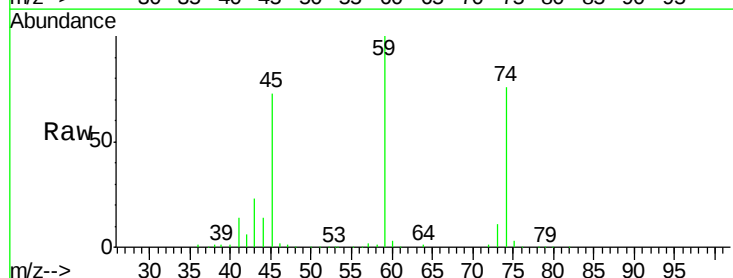
Tgt Ion:101 Resp: 91034
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9

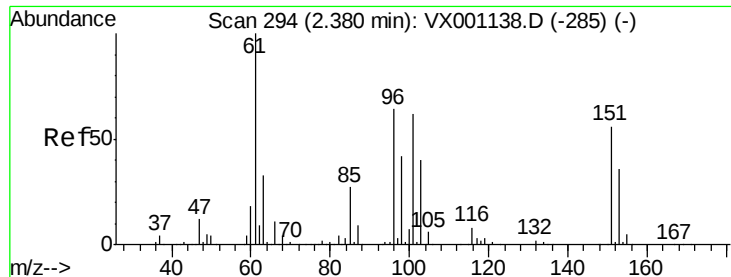


#8

Diethyl Ether
 Concen: 19.87 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 74 Resp: 32890
 Ion Ratio Lower Upper
 74 100
 45 98.8 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: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

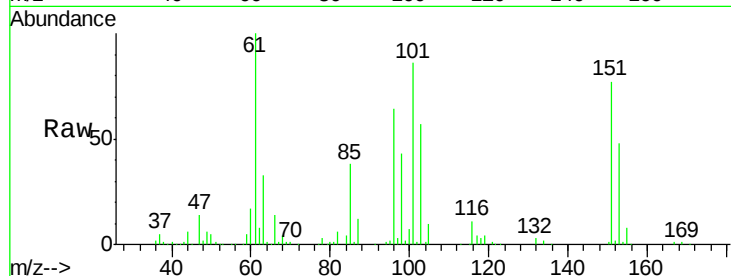
Tgt Ion:101 Resp: 49696

Ion Ratio Lower Upper

101 100

85 45.1 35.4 53.0

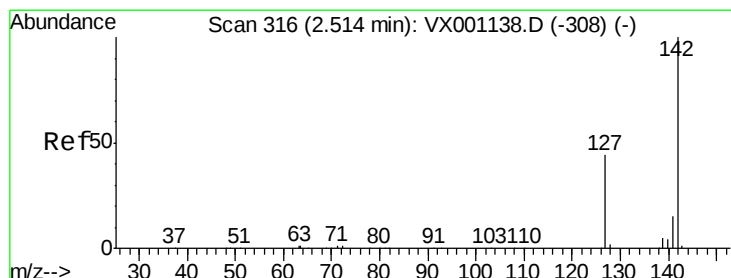
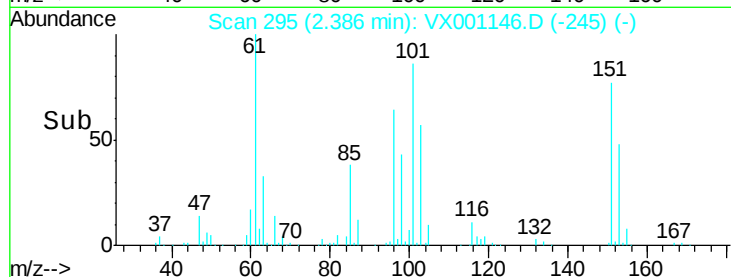
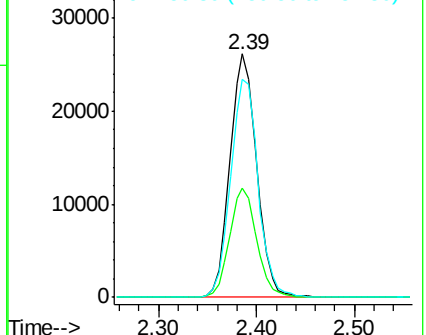
151 92.3 74.2 111.4



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: 20.49 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

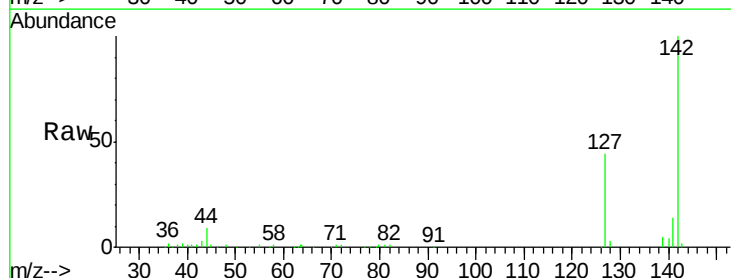
Tgt Ion:142 Resp: 38205

Ion Ratio Lower Upper

142 100

127 44.7 34.7 52.1

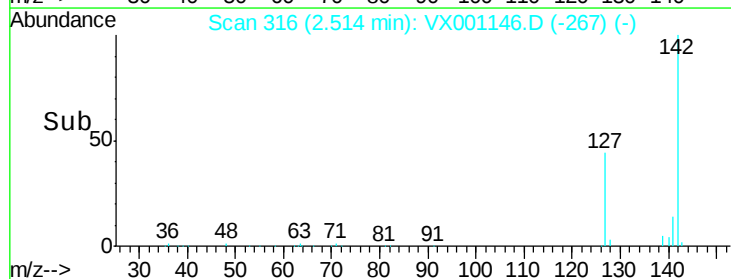
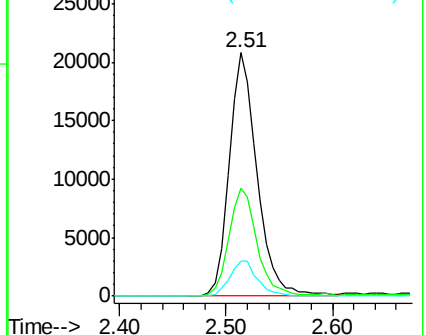
141 14.3 11.6 17.4

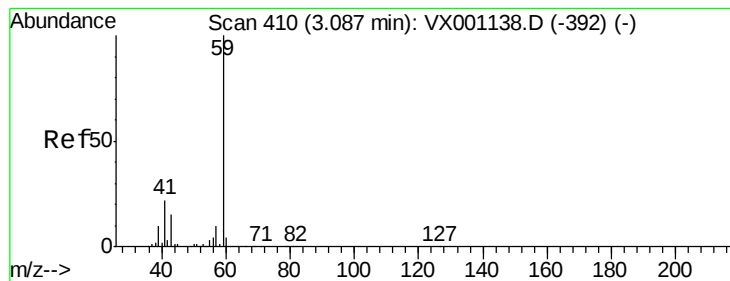


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



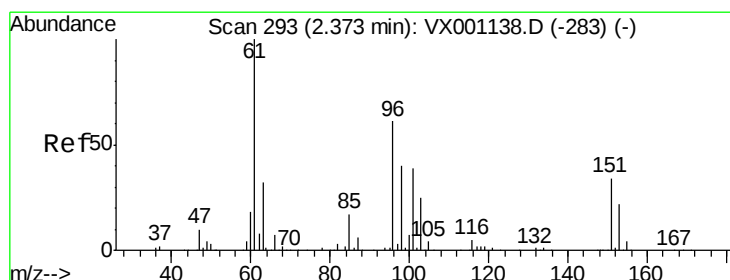
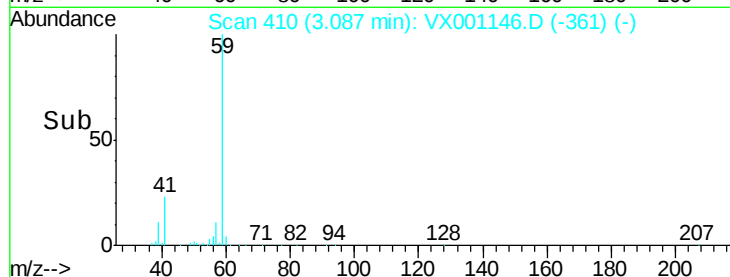
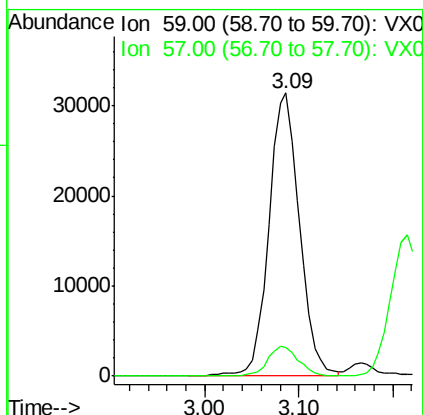
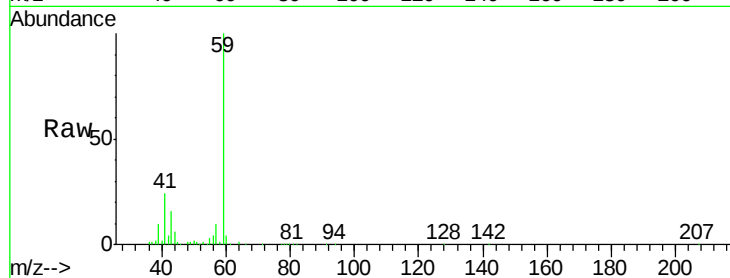


#11

Tert butyl alcohol
Concen: 102.10 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

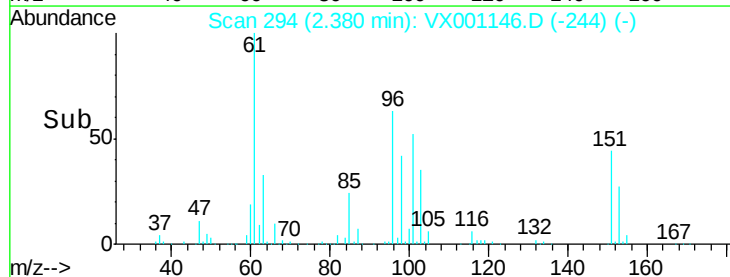
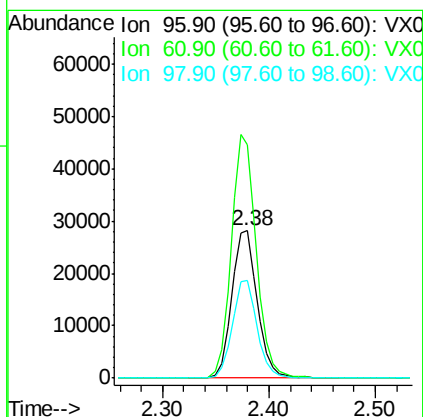
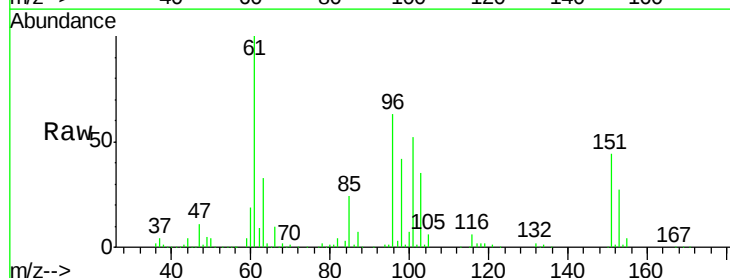
Tgt Ion: 59 Resp: 71385
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

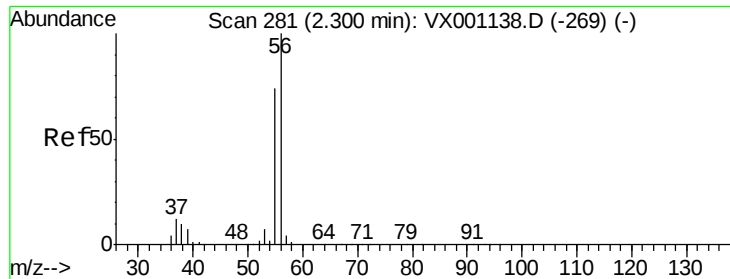


#12

1,1-Dichloroethene
Concen: 20.40 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 96 Resp: 47191
Ion Ratio Lower Upper
96 100
61 158.2 130.2 195.4
98 65.9 51.5 77.3





#13

Acrolein

Concen: 83.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

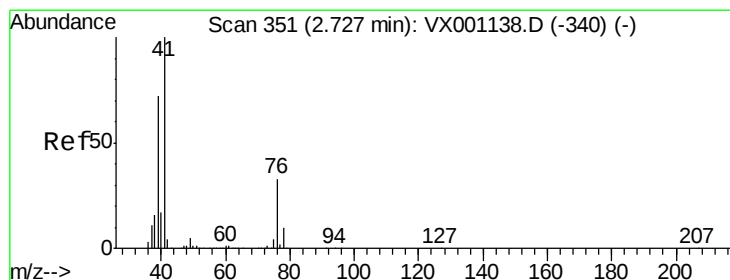
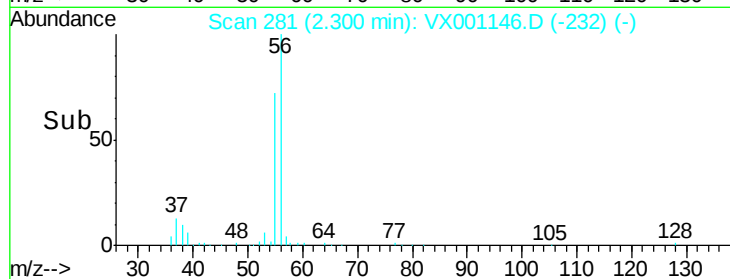
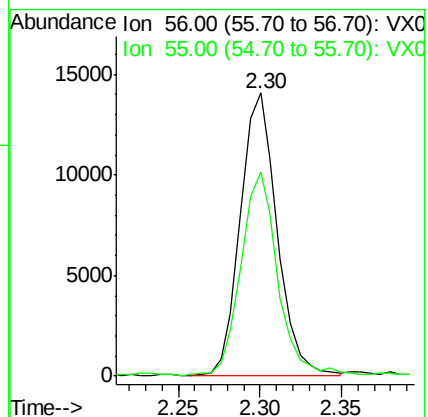
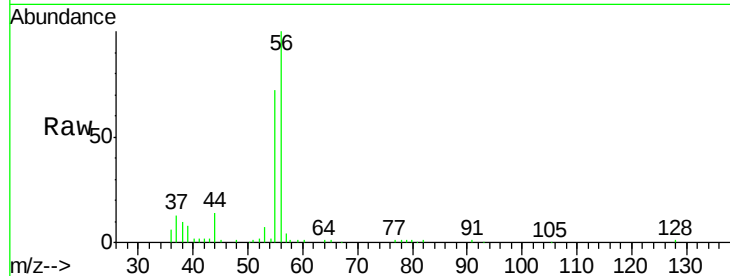
VX0426WBSD02

Tgt Ion: 56 Resp: 22192

Ion Ratio Lower Upper

56 100

55 72.7 57.2 85.8



#14

Allyl chloride

Concen: 20.57 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

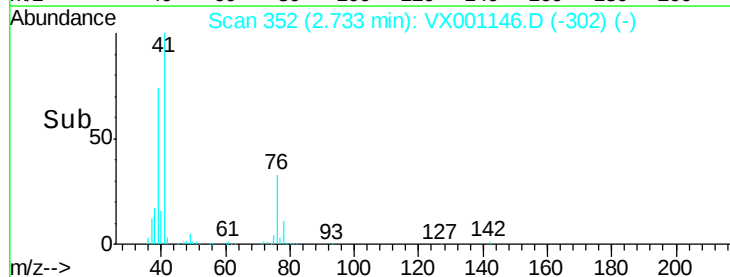
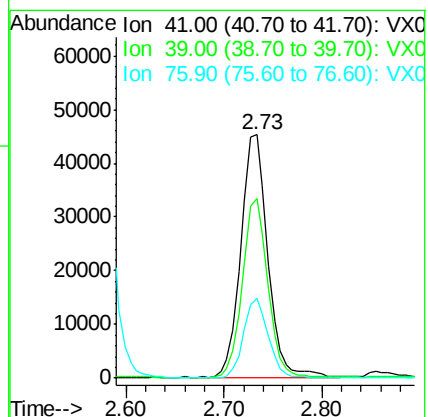
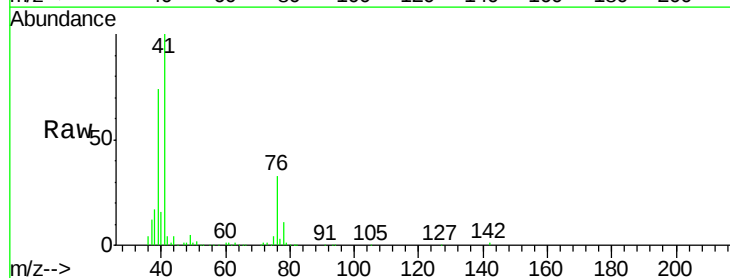
Tgt Ion: 41 Resp: 86779

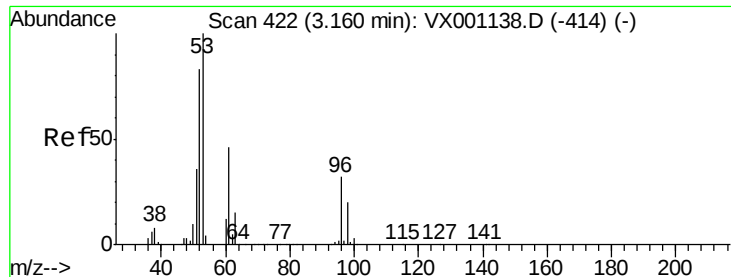
Ion Ratio Lower Upper

41 100

39 69.4 55.6 83.4

76 30.3 24.8 37.2





#15

Acrylonitrile

Concen: 98.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

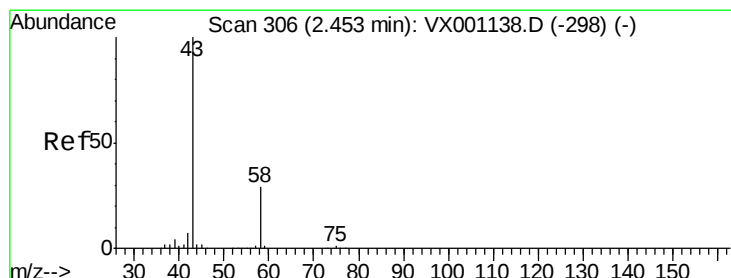
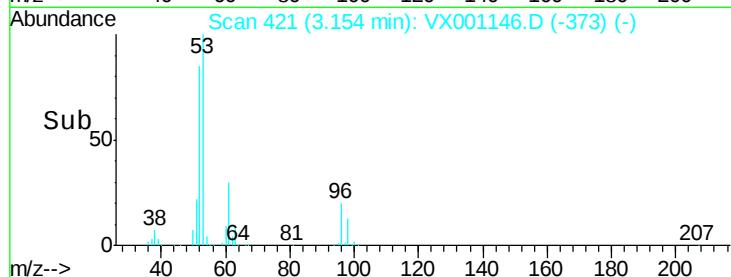
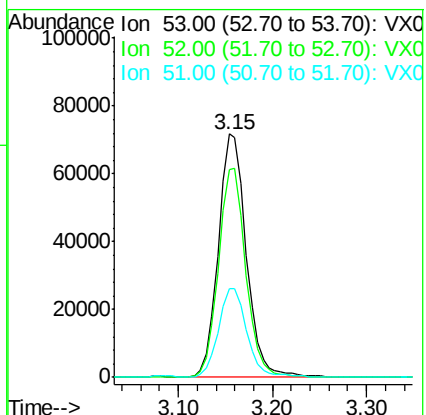
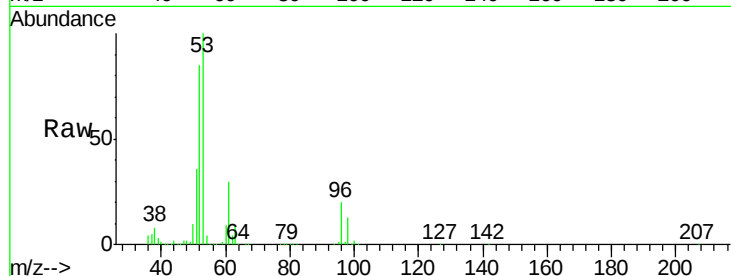
Tgt Ion: 53 Resp: 146857

Ion Ratio Lower Upper

53 100

52 85.0 66.5 99.7

51 37.4 29.5 44.3



#16

Acetone

Concen: 94.13 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001146.D

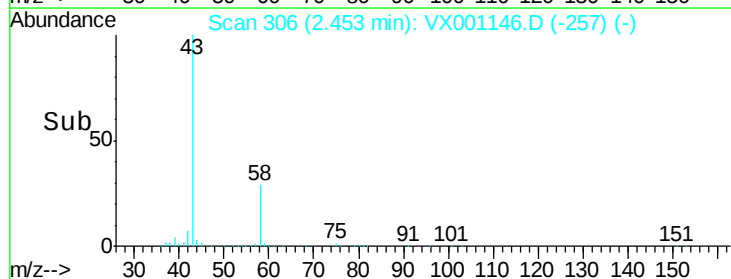
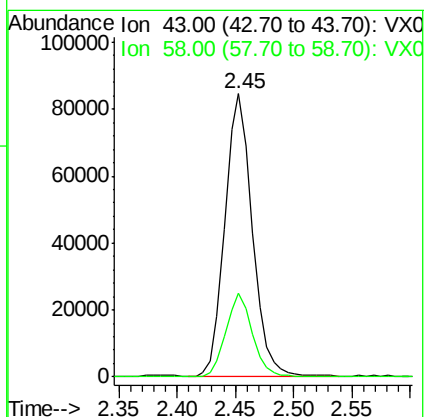
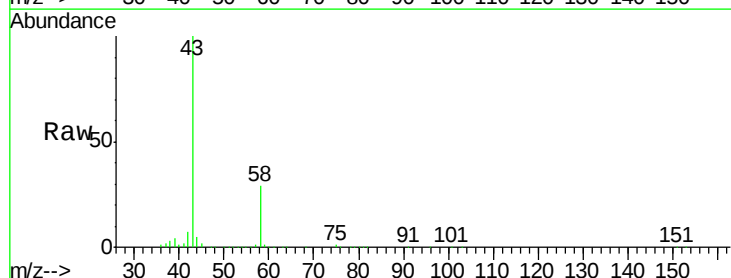
Acq: 26 Apr 2018 23:54

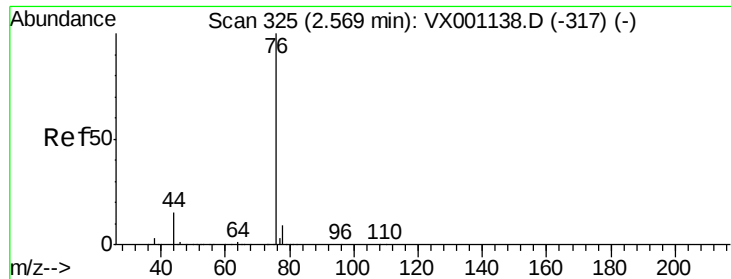
Tgt Ion: 43 Resp: 137244

Ion Ratio Lower Upper

43 100

58 29.4 23.0 34.6

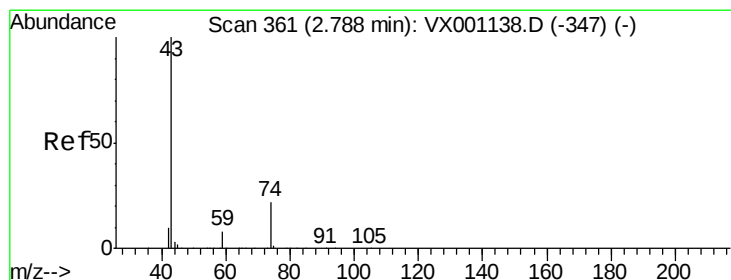
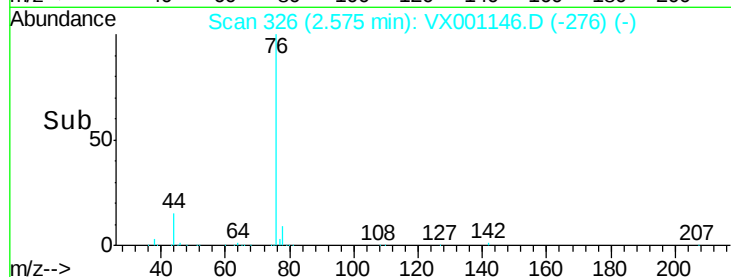
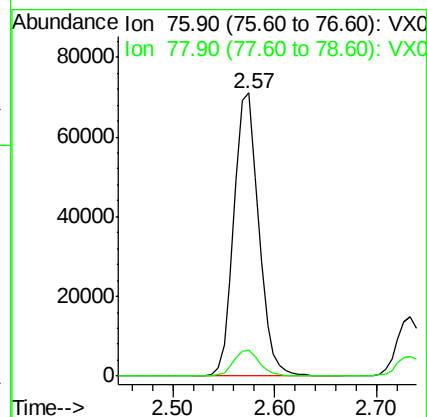
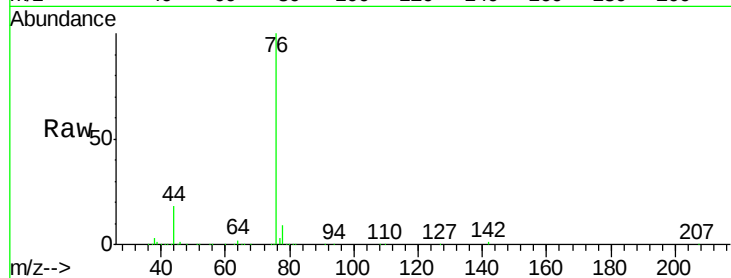




#17
 Carbon Disulfide
 Concen: 20.22 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

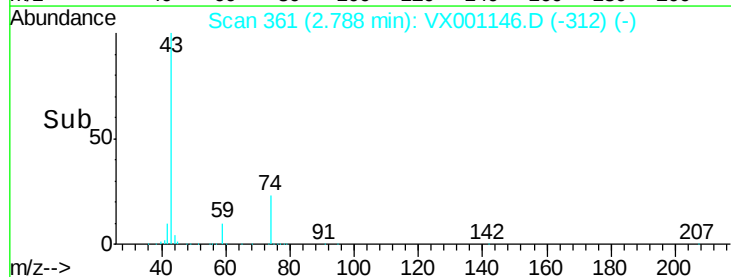
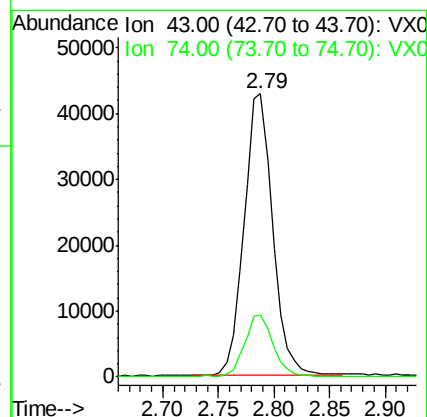
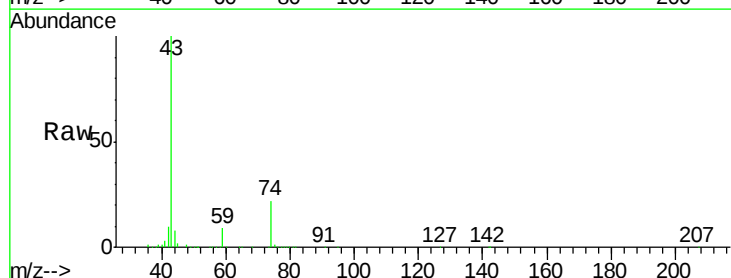
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

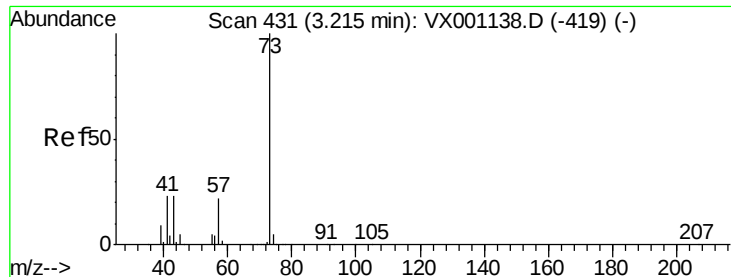
Tgt Ion: 76 Resp: 119352
 Ion Ratio Lower Upper
 76 100
 78 8.9 7.3 10.9



#18
 Methyl Acetate
 Concen: 20.98 ug/l
 RT: 2.79 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 43 Resp: 76526
 Ion Ratio Lower Upper
 43 100
 74 22.0 18.1 27.1





#19

Methyl tert-butyl Ether

Concen: 19.96 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

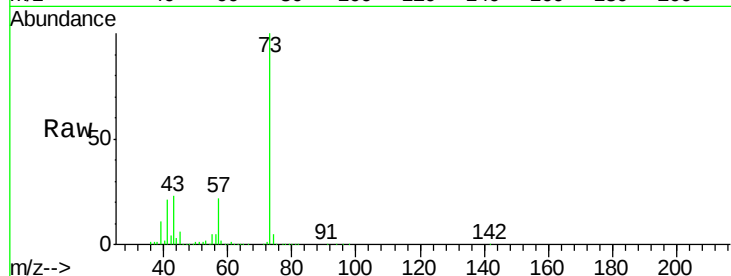
VX0426WBSD02

Tgt Ion: 73 Resp: 169960

Ion Ratio Lower Upper

73 100

57 21.6 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

80000

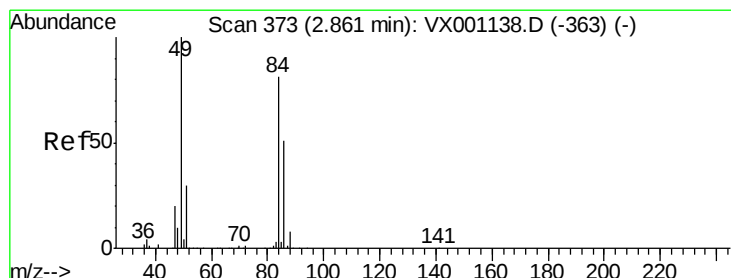
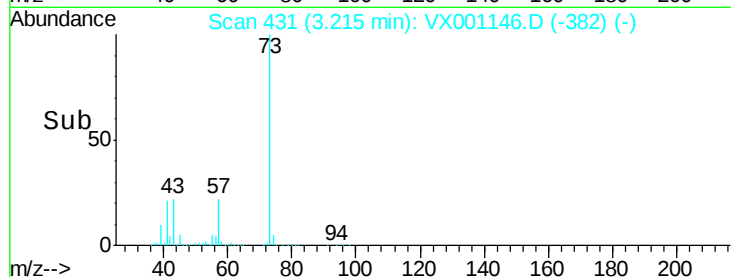
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 19.26 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion: 84 Resp: 52297

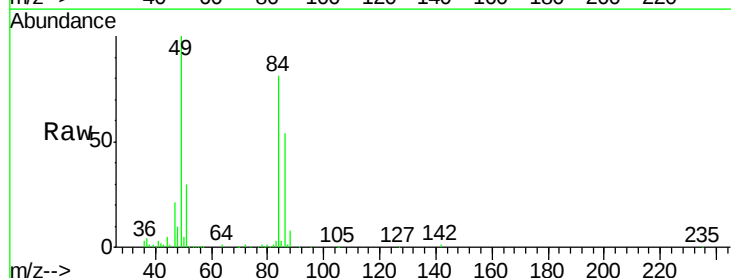
Ion Ratio Lower Upper

84 100

49 123.5 99.2 148.8

51 37.3 29.5 44.3

86 66.7 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

50000

40000

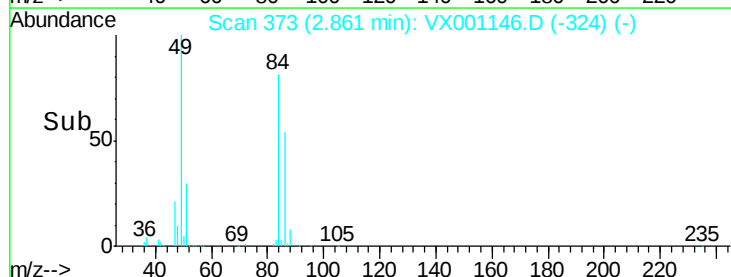
30000

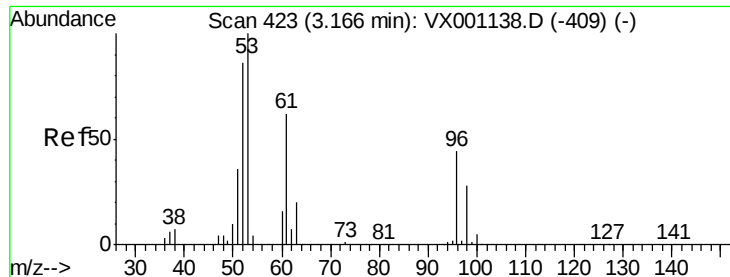
20000

10000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.05 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

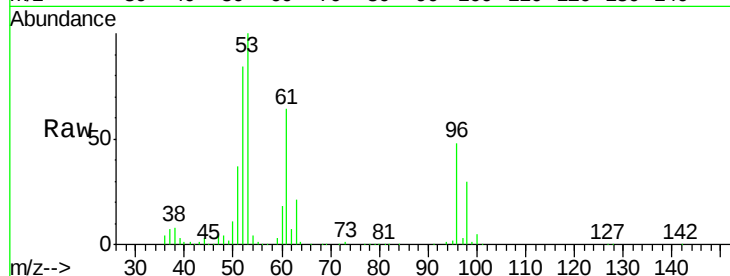
Tgt Ion: 96 Resp: 51254

Ion Ratio Lower Upper

96 100

61 134.4 111.9 167.9

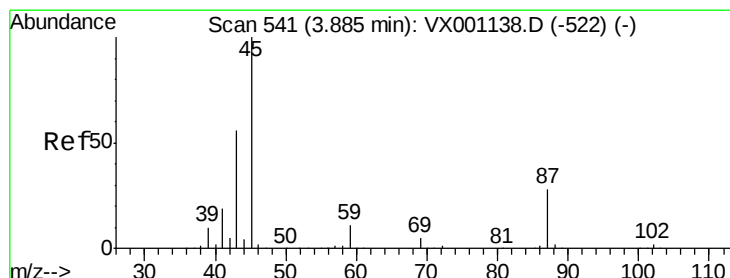
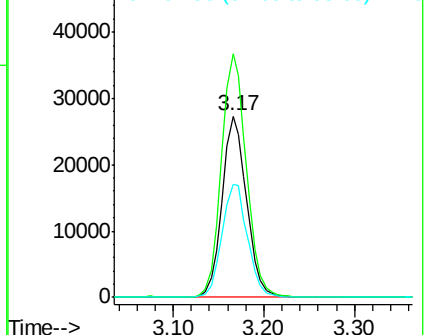
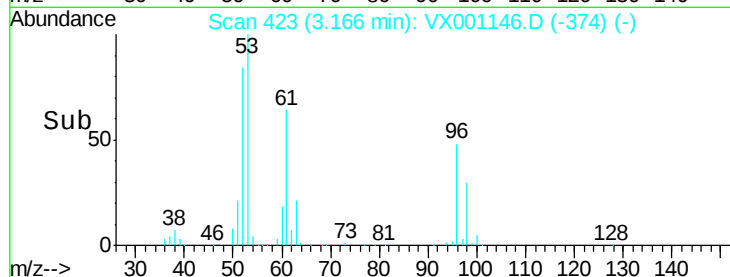
98 62.3 51.1 76.7



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: 19.38 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion: 45 Resp: 163583

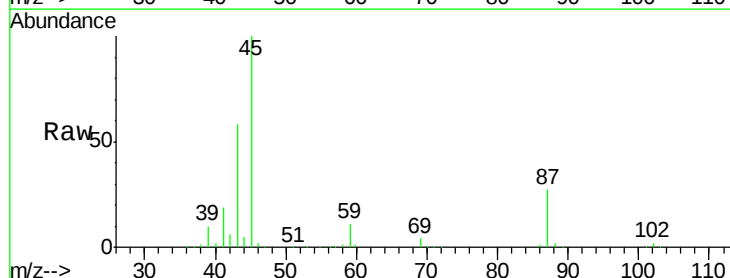
Ion Ratio Lower Upper

45 100

43 57.5 45.0 67.4

87 27.0 22.8 34.2

59 11.4 9.0 13.6

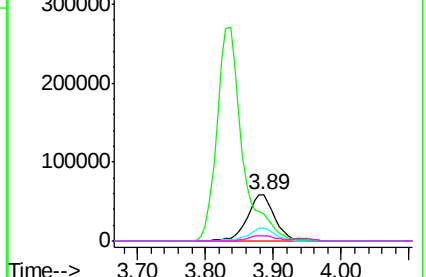
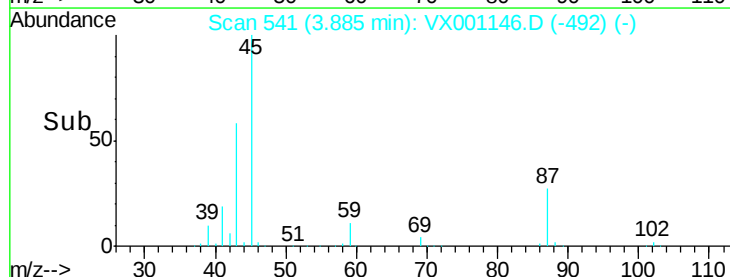


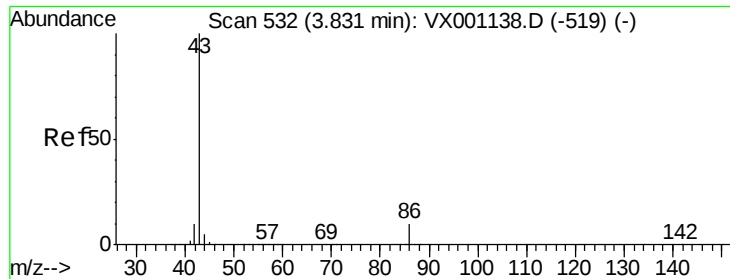
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.45 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

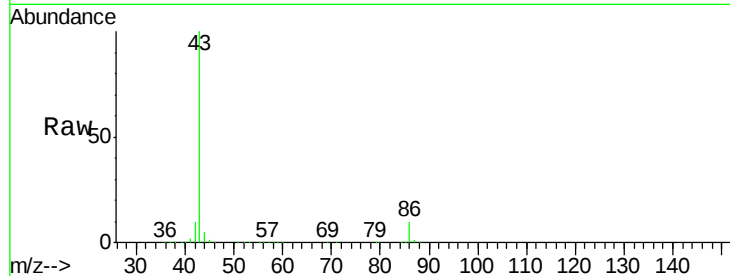
VX0426WBSD02

Tgt Ion: 43 Resp: 705101

Ion Ratio Lower Upper

43 100

86 9.6 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

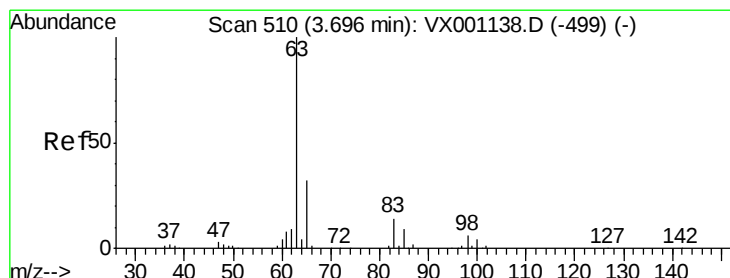
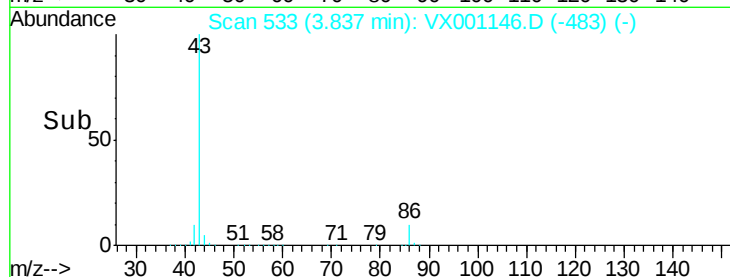
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.77 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

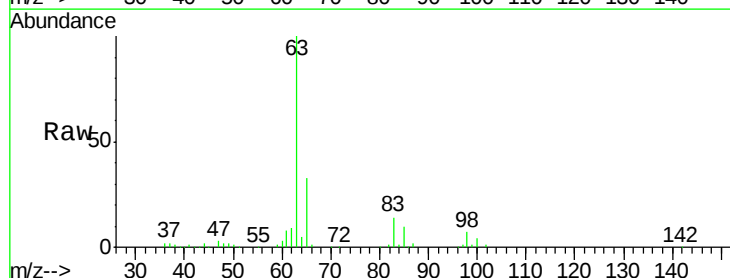
Tgt Ion: 63 Resp: 87733

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 3.8 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

50000

40000

30000

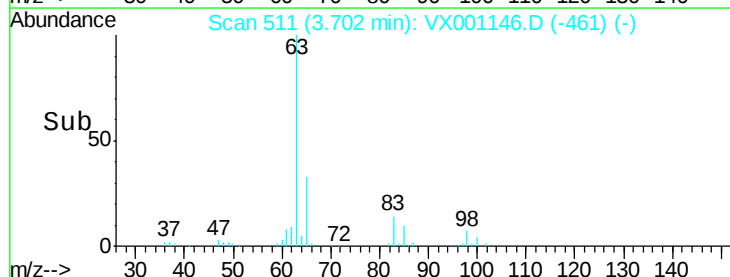
20000

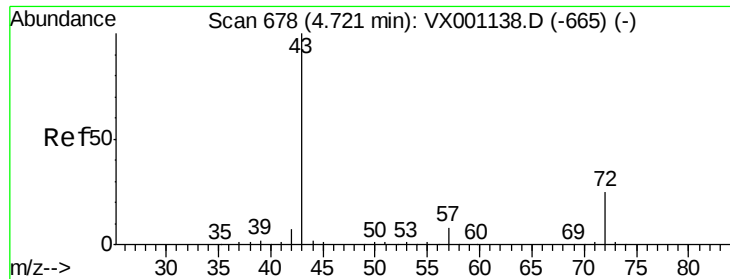
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 96.28 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

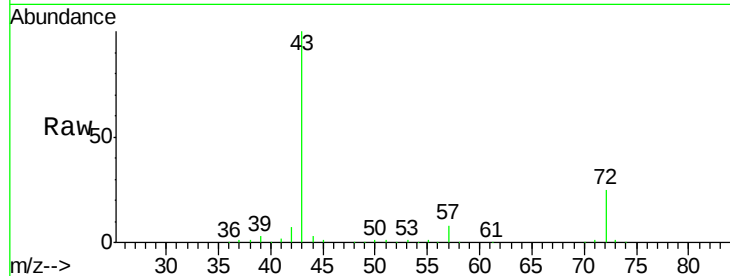
VX0426WBSD02

Tgt Ion: 43 Resp: 210042

Ion Ratio Lower Upper

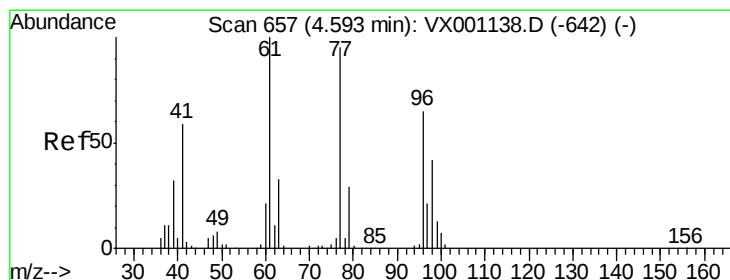
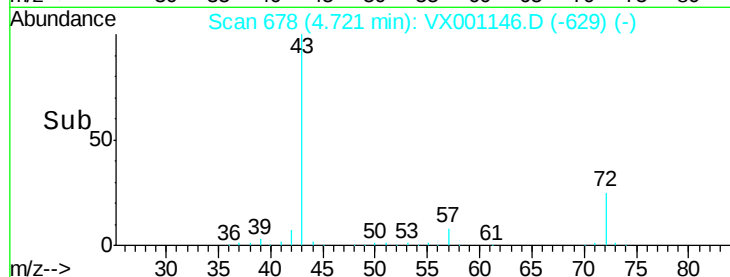
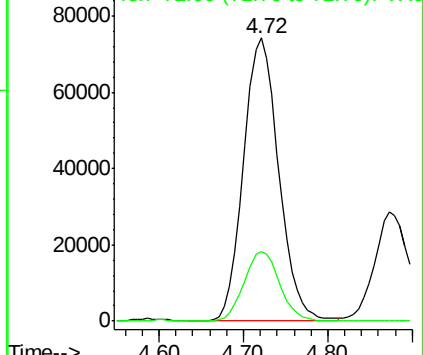
43 100

72 24.5 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.22 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001146.D

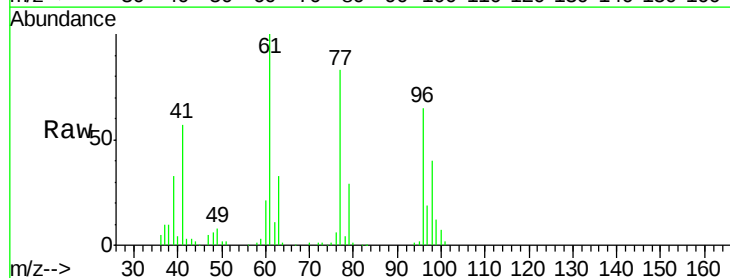
Acq: 26 Apr 2018 23:54

Tgt Ion: 77 Resp: 60150

Ion Ratio Lower Upper

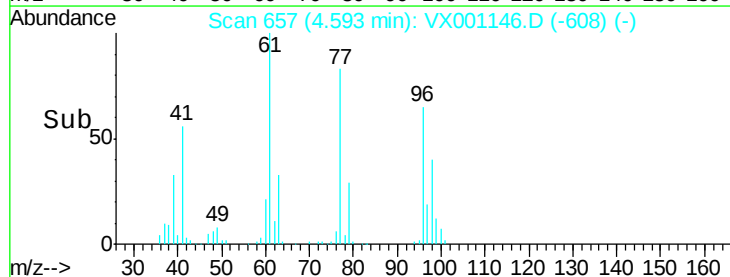
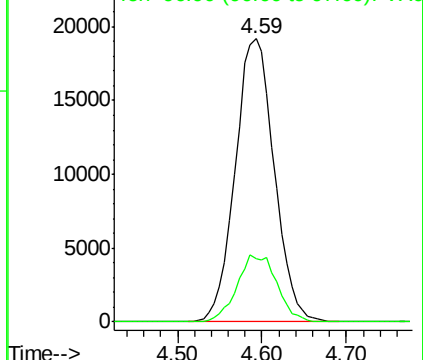
77 100

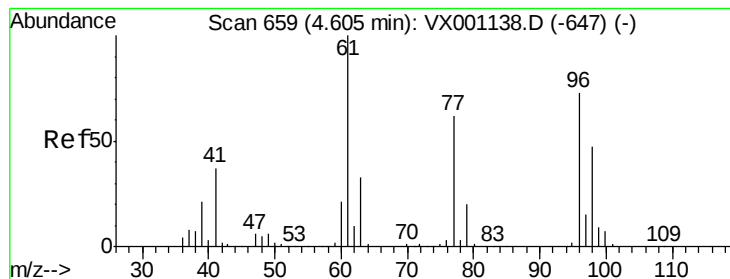
97 24.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.82 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

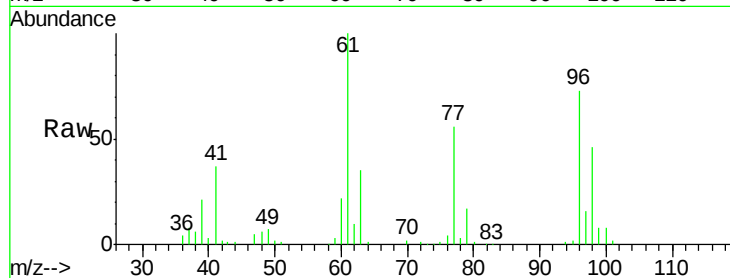
Tgt Ion: 96 Resp: 55471

Ion Ratio Lower Upper

96 100

61 144.9 0.0 289.0

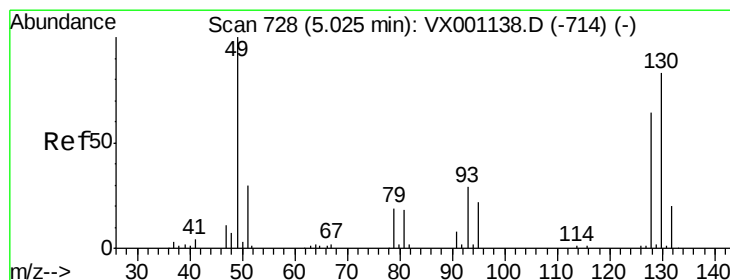
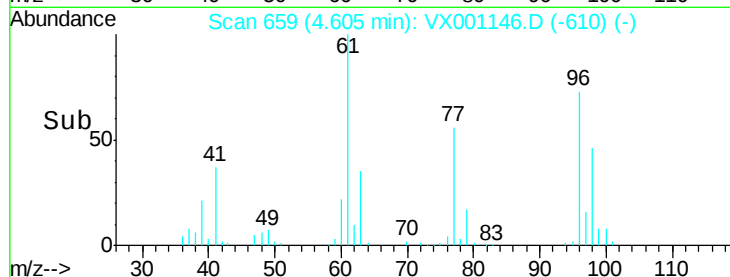
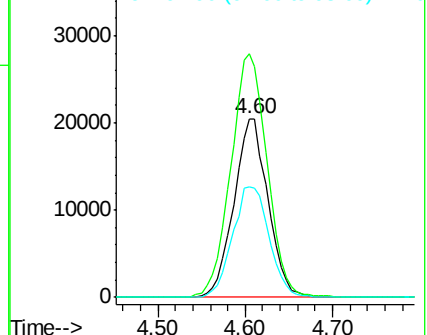
98 66.5 0.0 128.2



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: 18.86 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

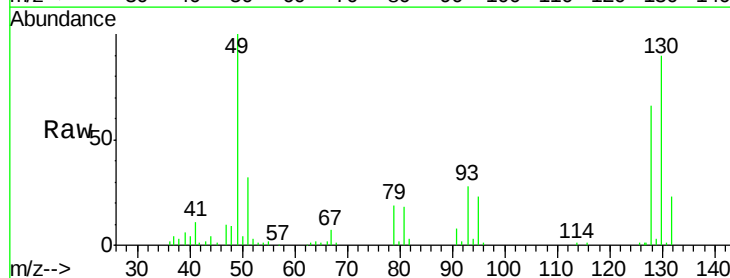
Tgt Ion: 49 Resp: 37515

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

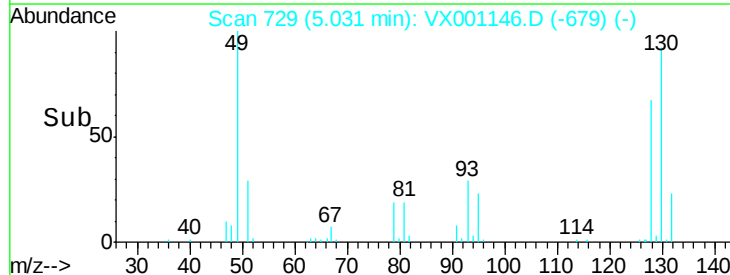
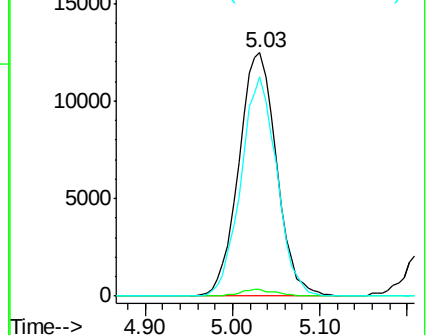
130 85.6 68.2 102.2

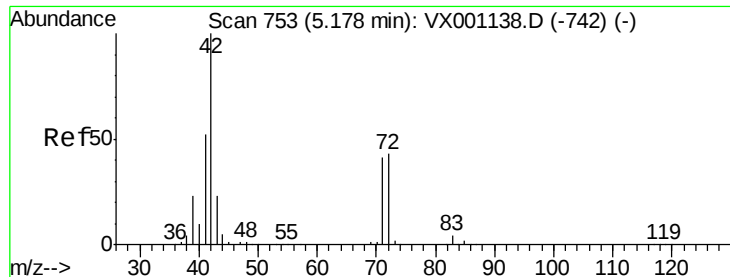


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.35 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

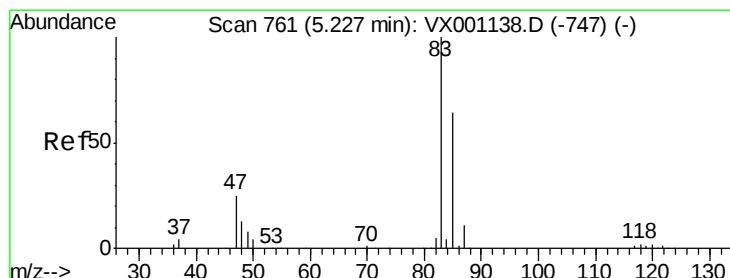
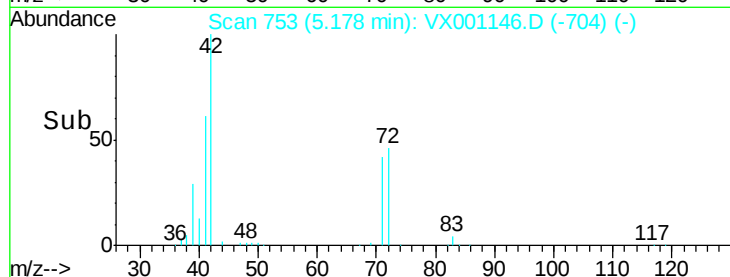
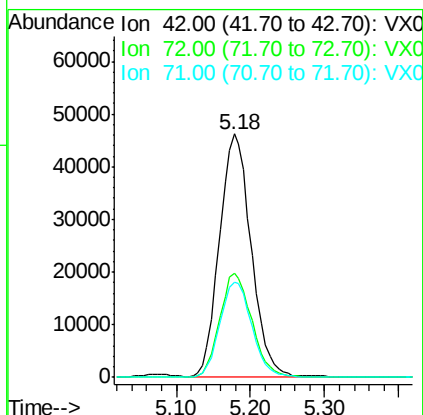
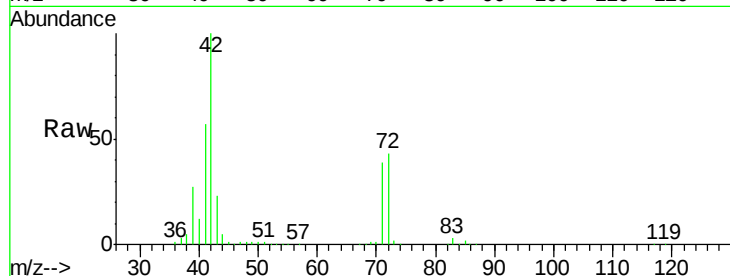
Tgt Ion: 42 Resp: 136539

Ion Ratio Lower Upper

42 100

72 43.6 34.4 51.6

71 39.8 32.1 48.1



#30

Chloroform

Concen: 20.15 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001146.D

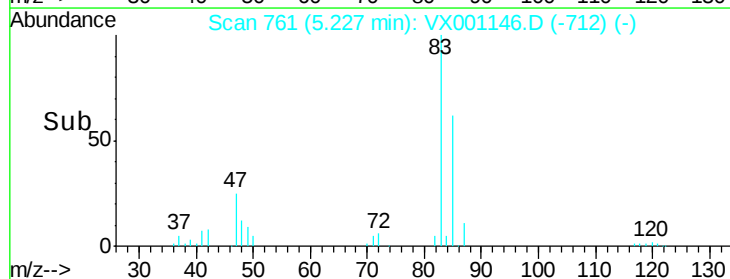
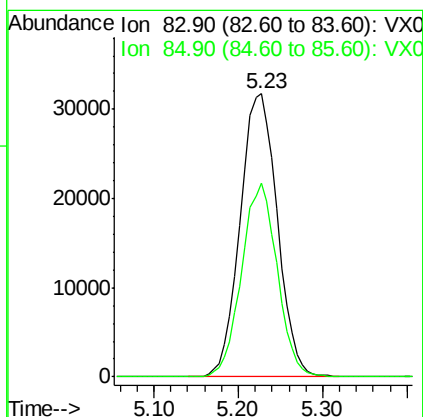
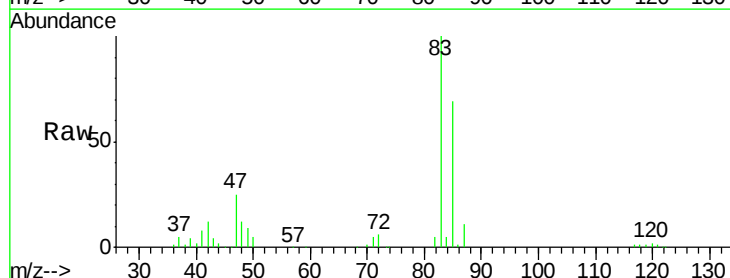
Acq: 26 Apr 2018 23:54

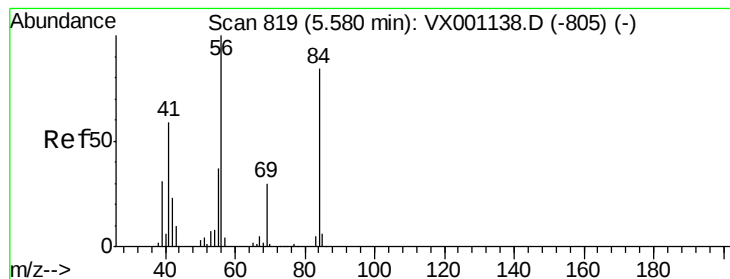
Tgt Ion: 83 Resp: 95087

Ion Ratio Lower Upper

83 100

85 68.6 51.4 77.0





#31

Cyclohexane

Concen: 20.81 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

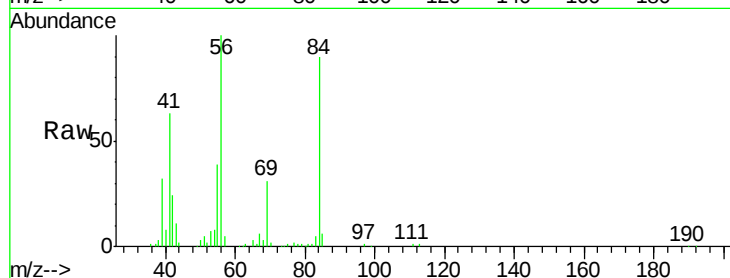
Tgt Ion: 56 Resp: 78433

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

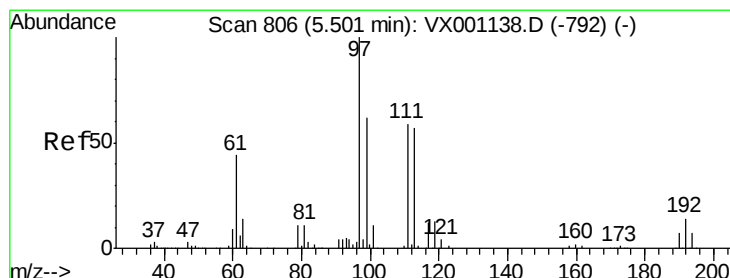
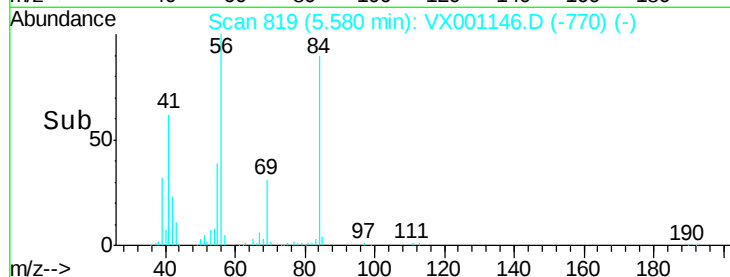
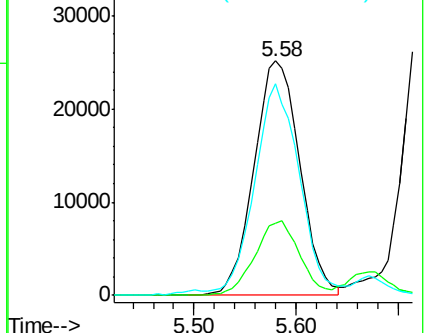
84 88.4 67.5 101.3



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: 20.58 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

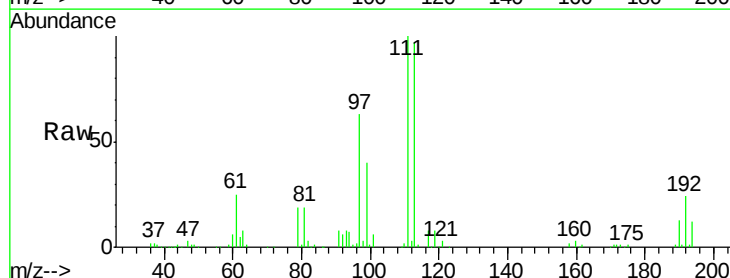
Tgt Ion: 97 Resp: 83837

Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

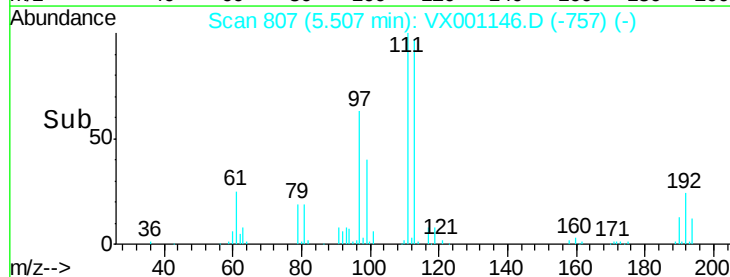
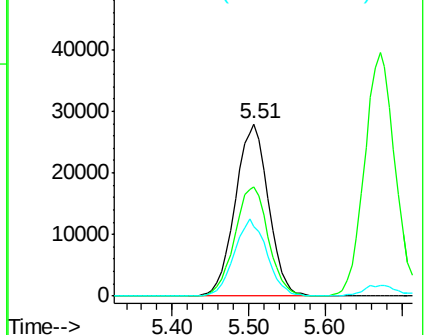
61 44.3 35.0 52.6

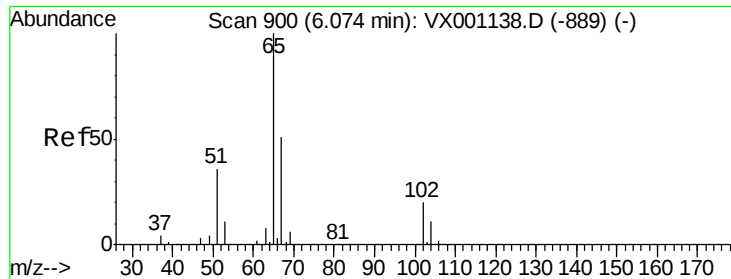


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.26 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

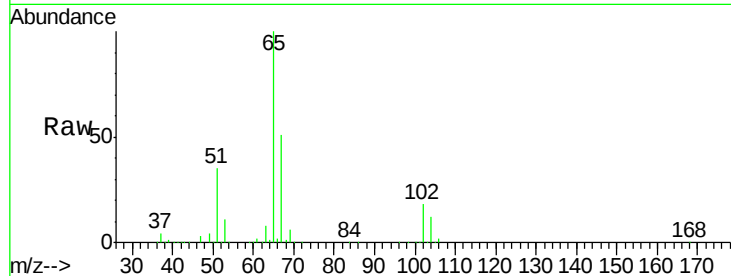
VX0426WBSD02

Tgt Ion: 65 Resp: 160474

Ion Ratio Lower Upper

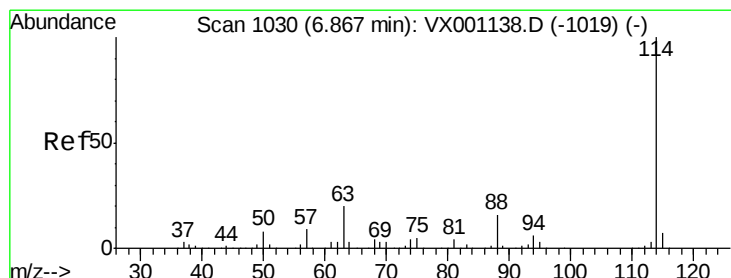
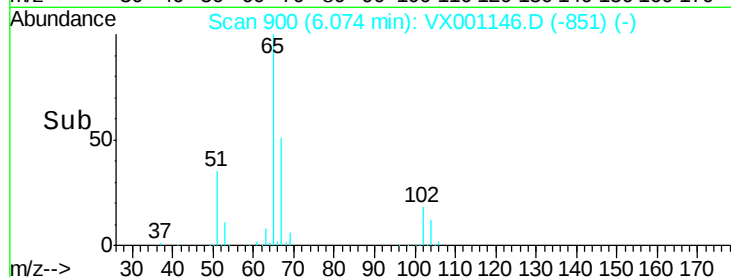
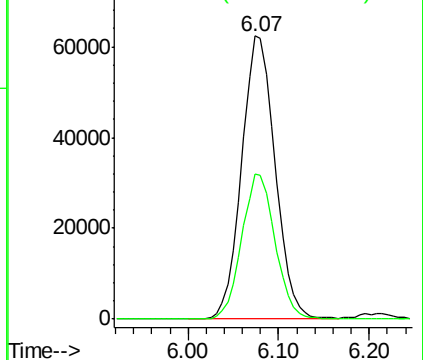
65 100

67 51.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

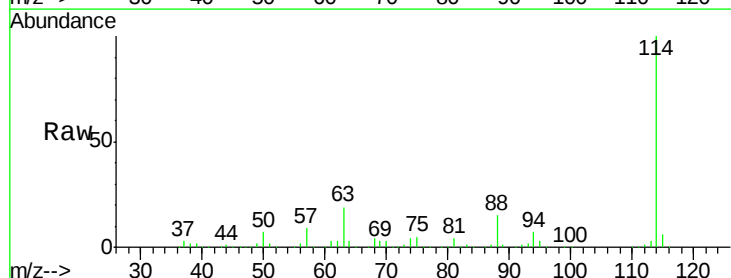
Tgt Ion: 114 Resp: 316841

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

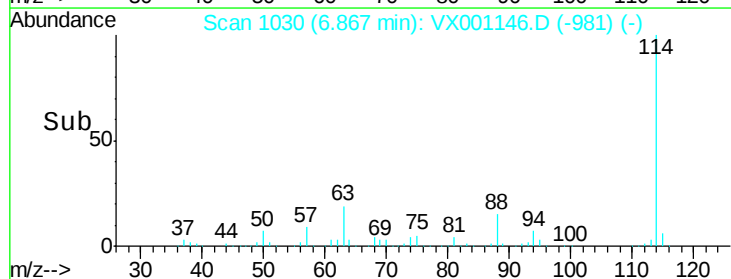
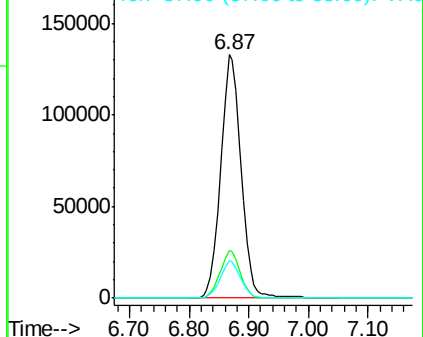
88 15.4 0.0 31.8

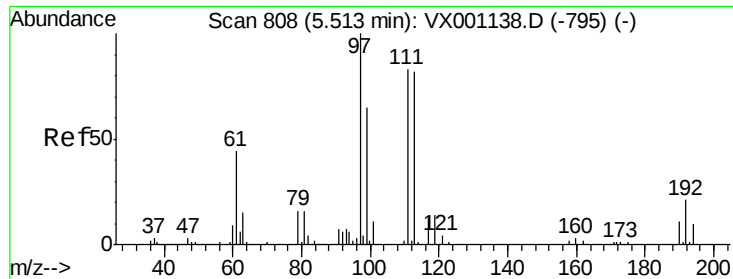


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

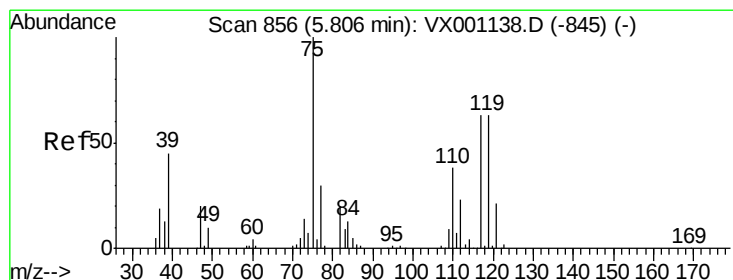
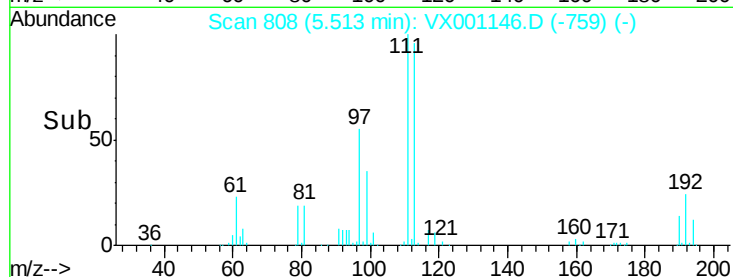
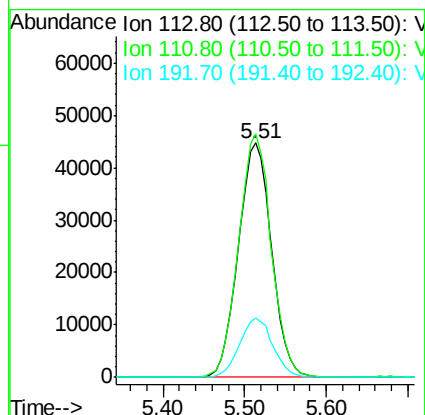
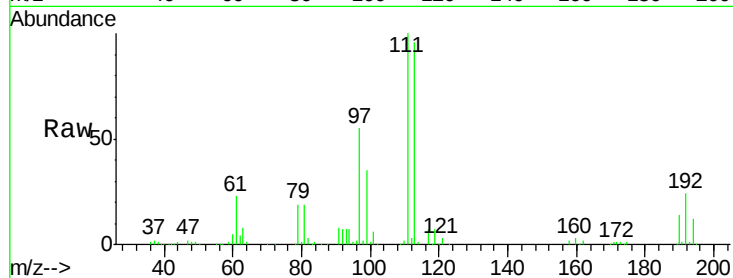




#35
 Dibromofluoromethane
 Concen: 48.20 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

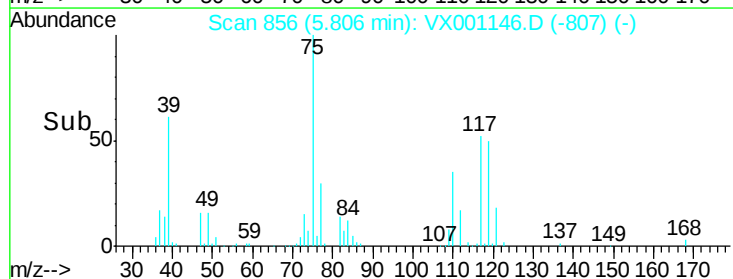
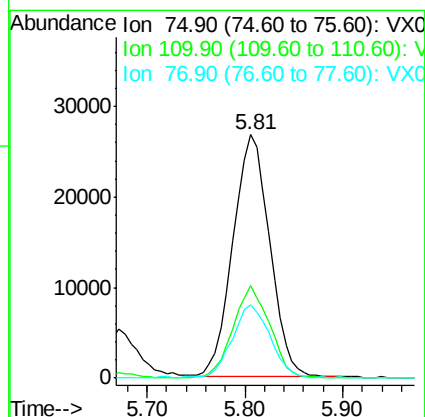
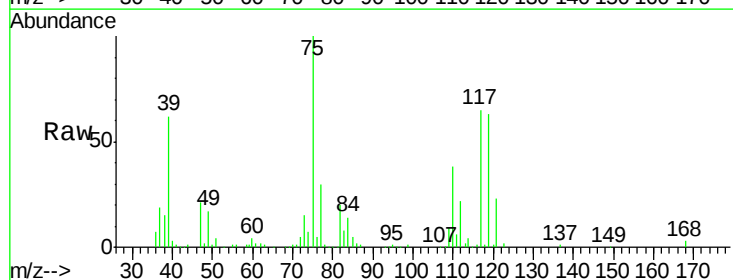
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

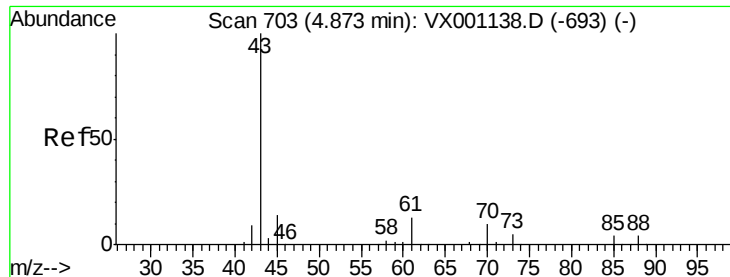
Tgt Ion:113 Resp: 126393
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 25.2 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 20.03 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 75 Resp: 69946
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.0 57.0
 77 31.4 24.8 37.2

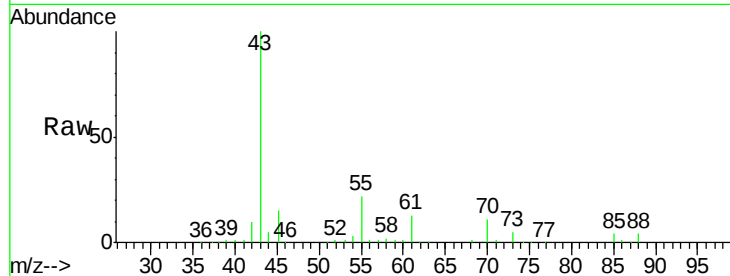




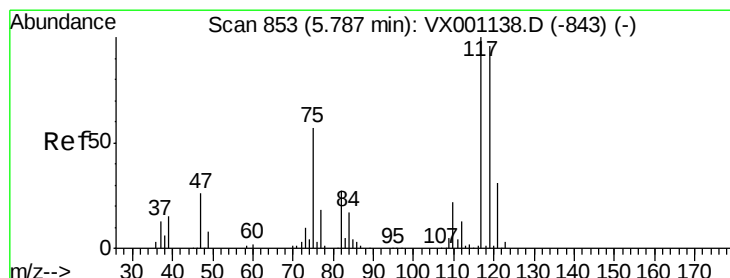
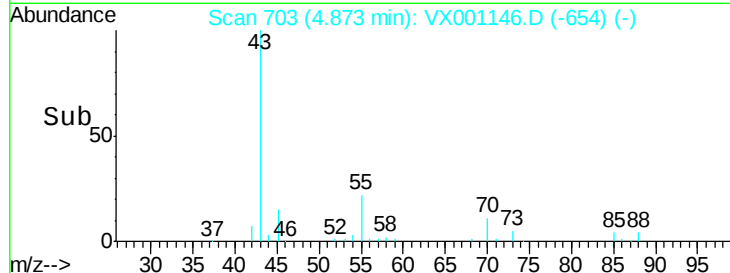
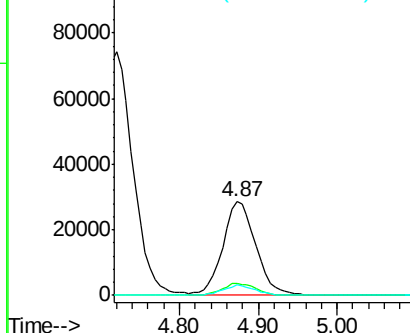
#37
Ethyl Acetate
Concen: 19.61 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tgt Ion: 43 Resp: 81983
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 10.3 8.2 12.2

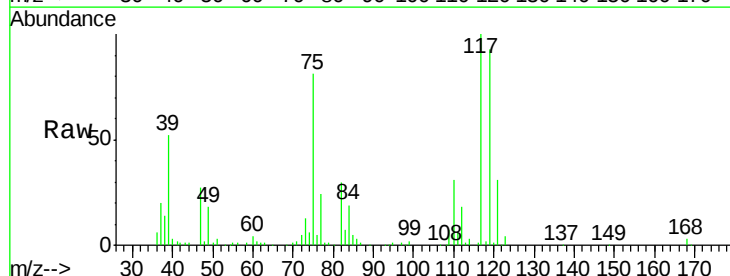


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

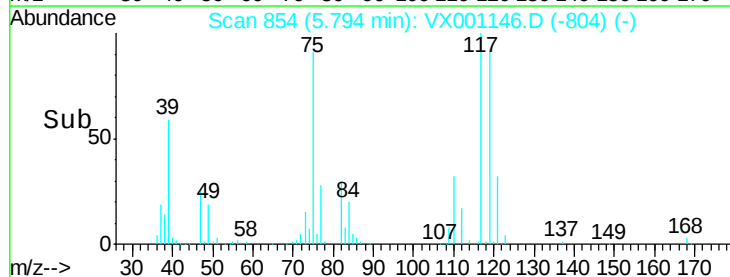
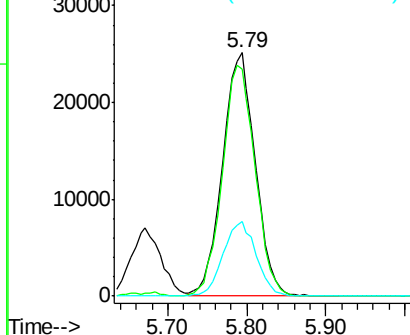


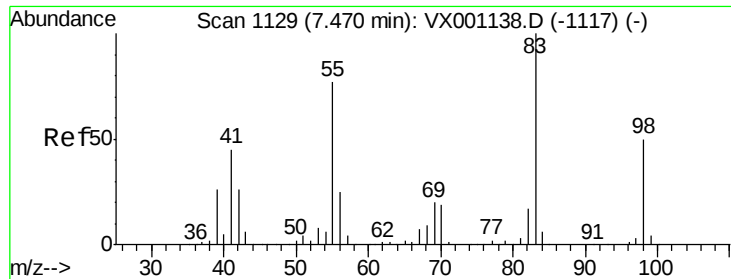
#38
Carbon Tetrachloride
Concen: 20.29 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 117 Resp: 72650
Ion Ratio Lower Upper
117 100
119 93.1 76.5 114.7
121 30.7 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

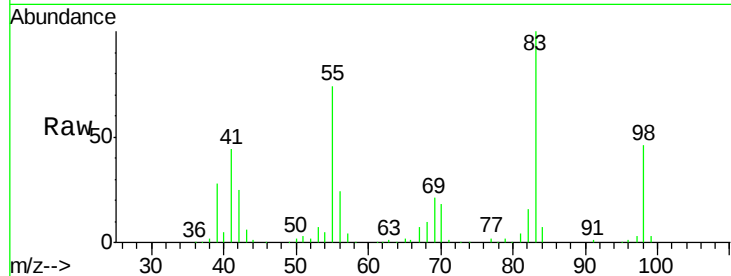




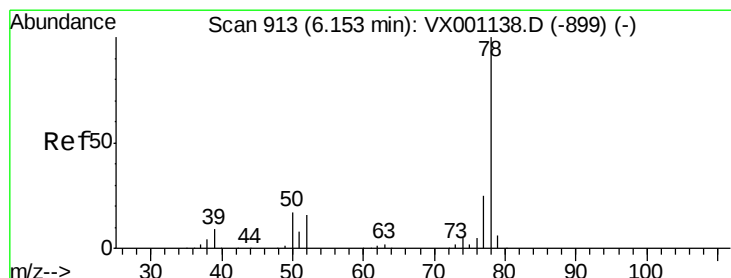
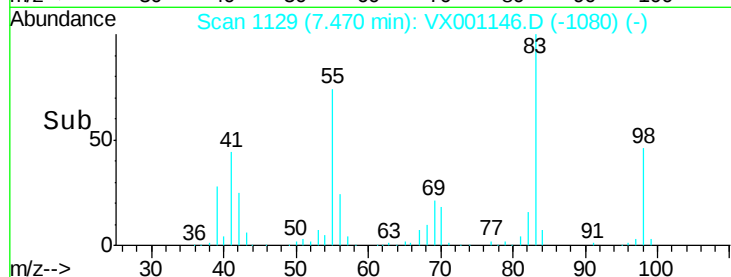
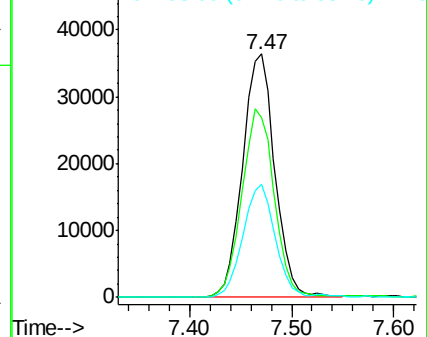
#39
Methylcyclohexane
Concen: 20.76 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tgt Ion: 83 Resp: 80224
Ion Ratio Lower Upper
83 100
55 73.7 61.8 92.6
98 46.3 40.0 60.0

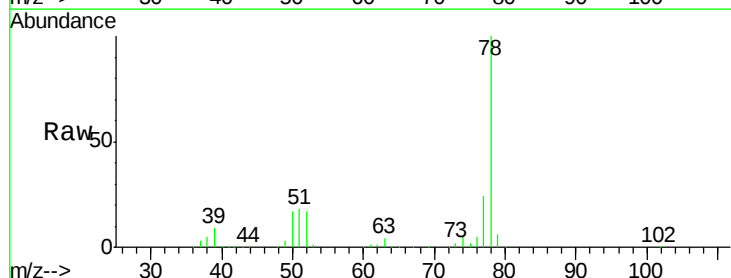


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

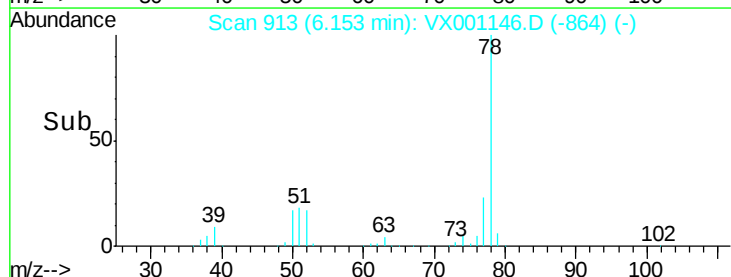
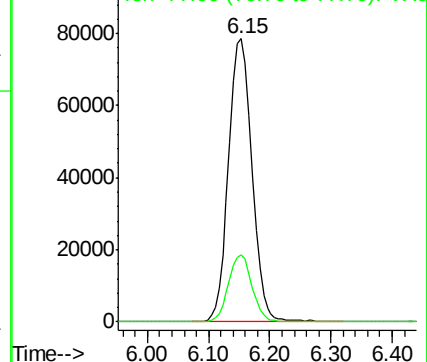


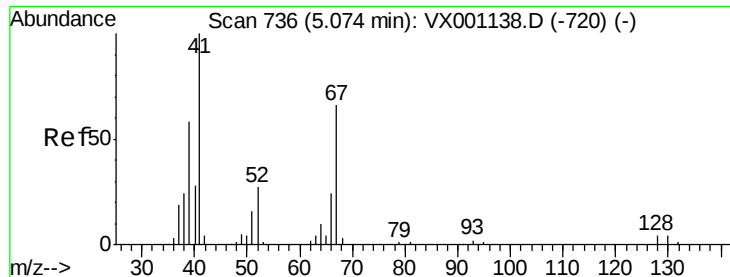
#40
Benzene
Concen: 20.67 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 78 Resp: 208790
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5



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

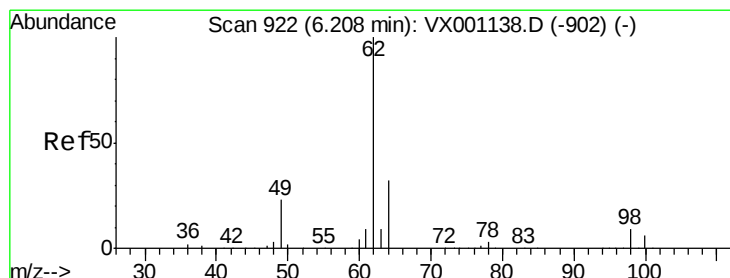
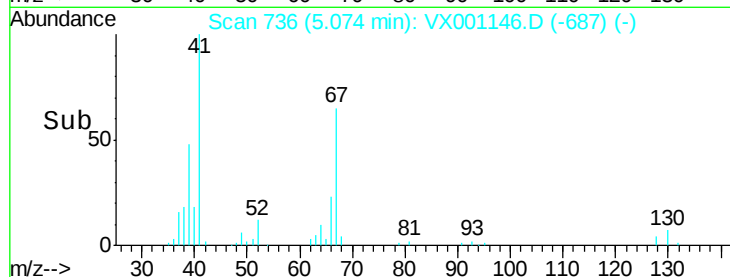
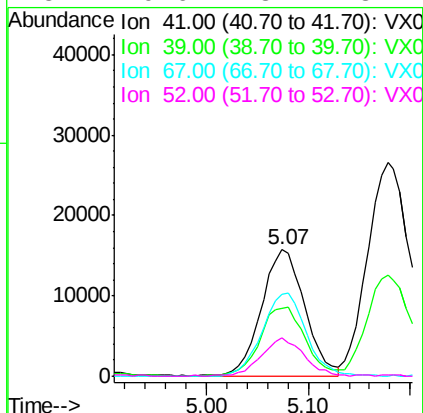
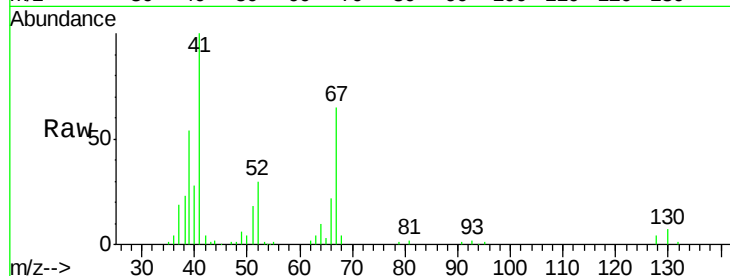




#41
Methacrylonitrile
Concen: 19.78 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

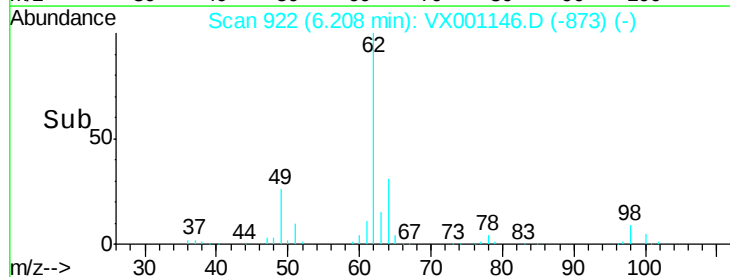
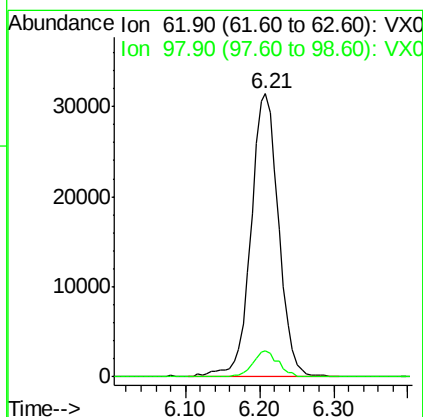
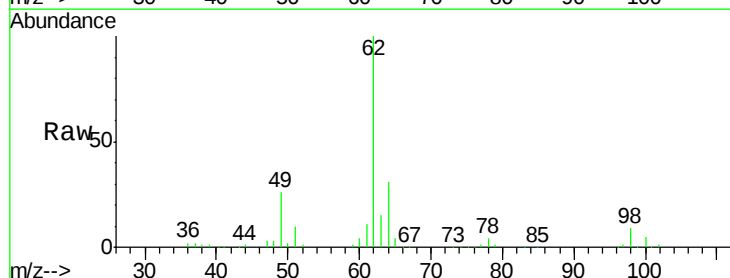
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

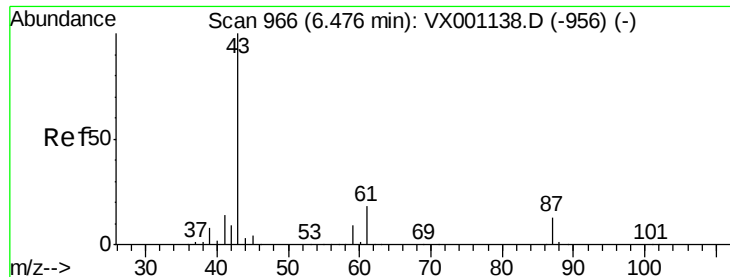
Tgt Ion:	41	Resp:	46481
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.9	68.9
67	66.8	53.2	79.8
52	29.6	23.1	34.7



#42
1,2-Dichloroethane
Concen: 20.14 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion:	62	Resp:	81970
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.56 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

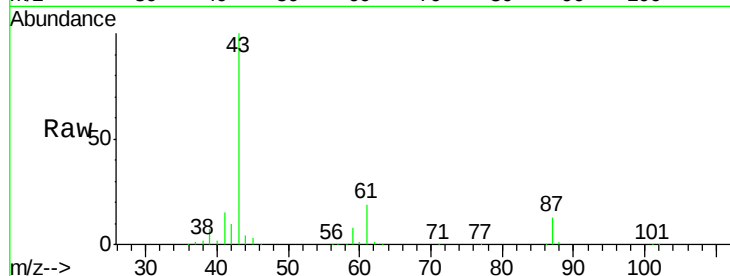
Tgt Ion: 43 Resp: 128461

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.6

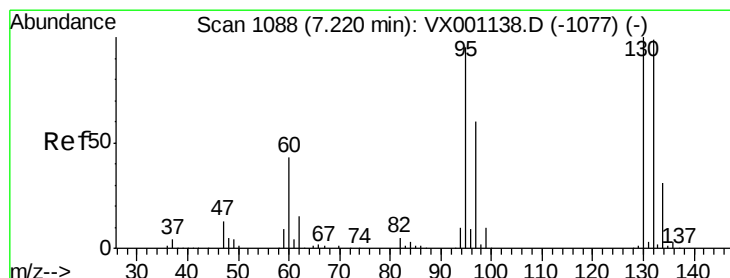
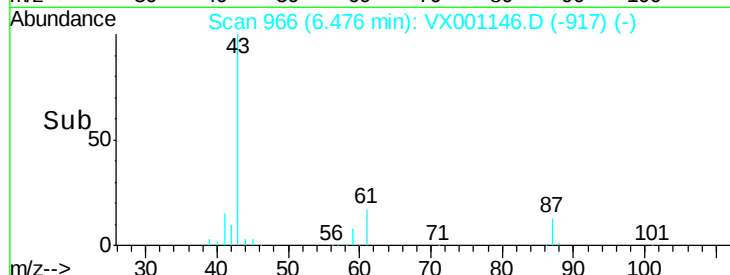
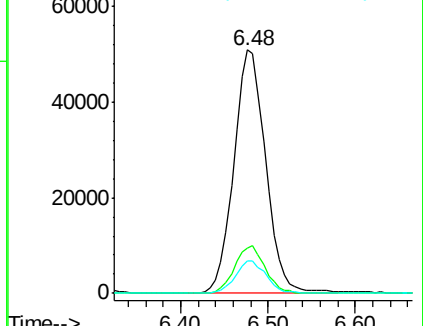
87 13.0 10.3 15.5



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: 20.40 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001146.D

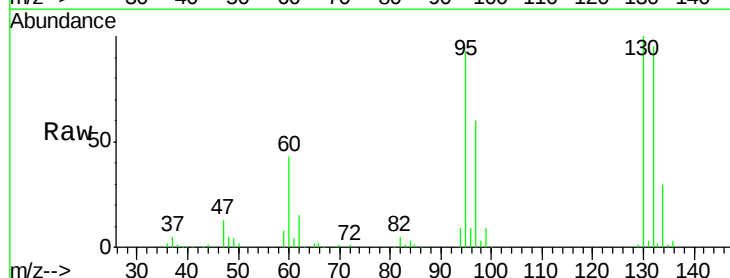
Acq: 26 Apr 2018 23:54

Tgt Ion: 130 Resp: 61387

Ion Ratio Lower Upper

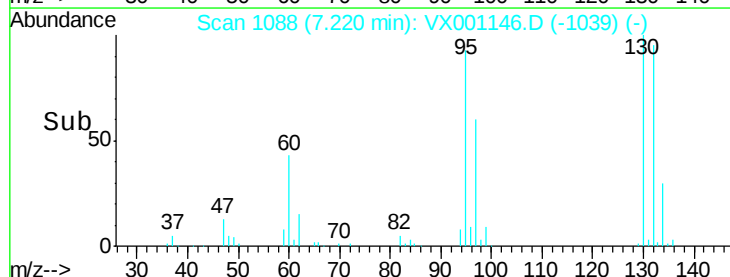
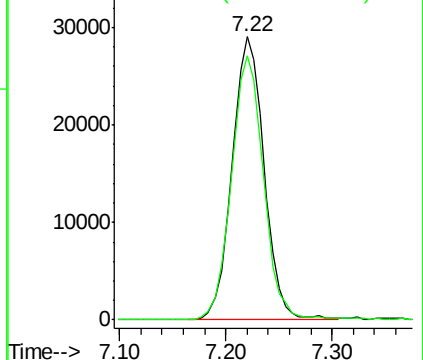
130 100

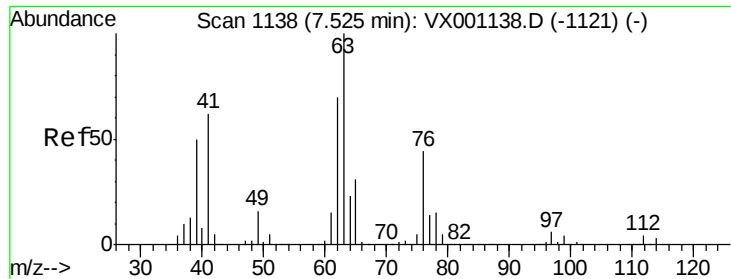
95 93.3 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

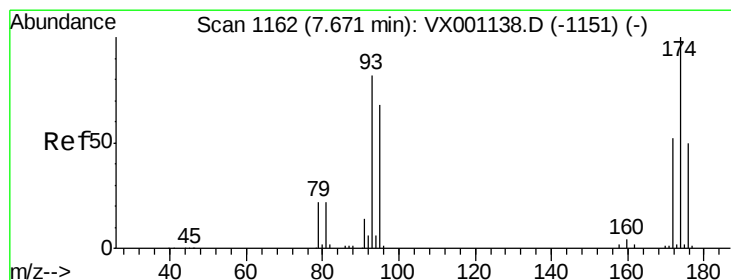
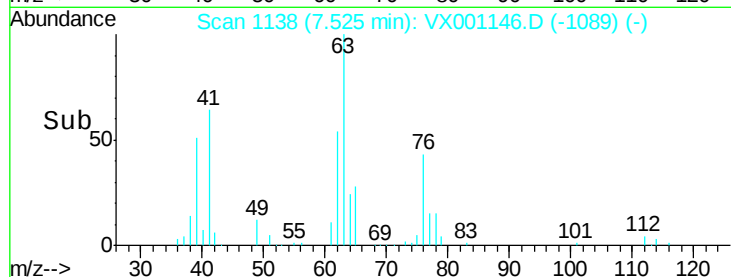
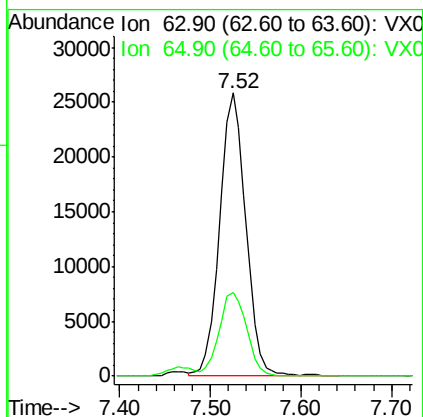
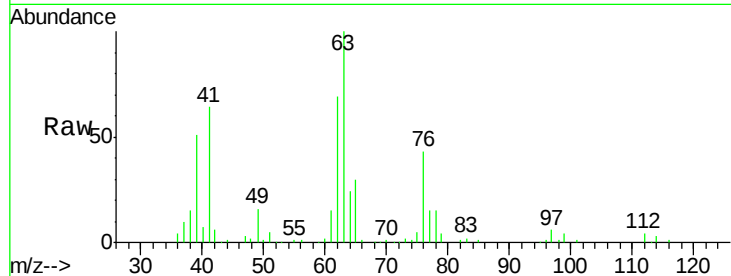




#45
 1,2-Dichloropropane
 Concen: 19.57 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

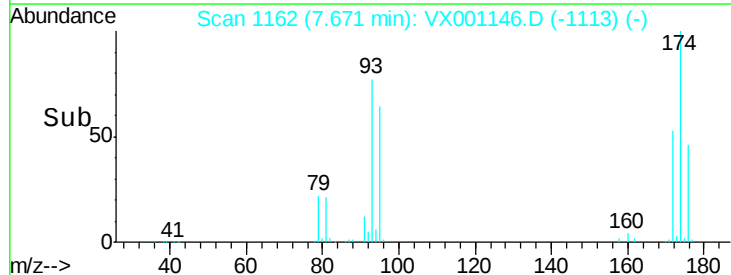
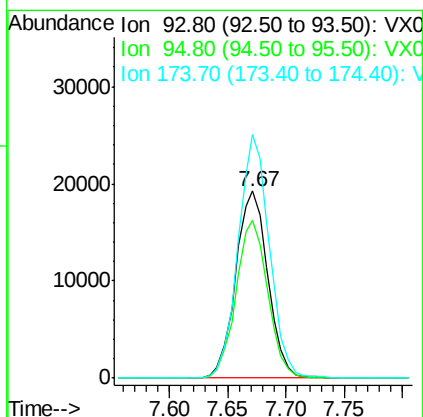
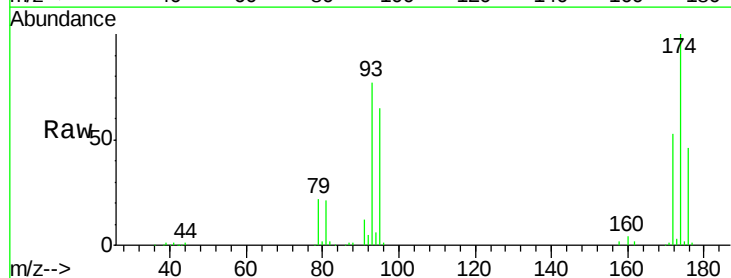
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

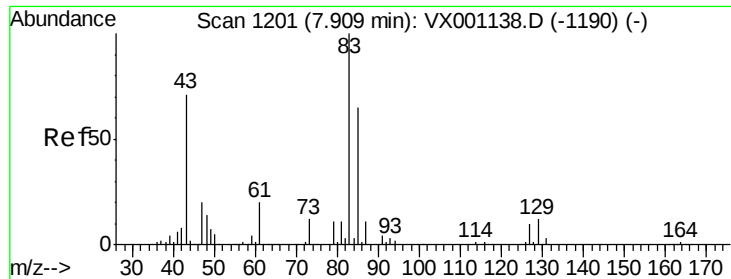
Tgt Ion: 63 Resp: 51976
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.9 37.3



#46
 Dibromomethane
 Concen: 20.18 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 93 Resp: 37127
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 125.8 99.6 149.4





#47

Bromodichloromethane

Concen: 19.73 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

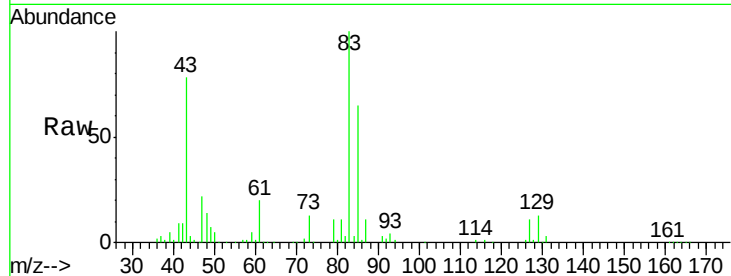
Tgt Ion: 83 Resp: 65934

Ion Ratio Lower Upper

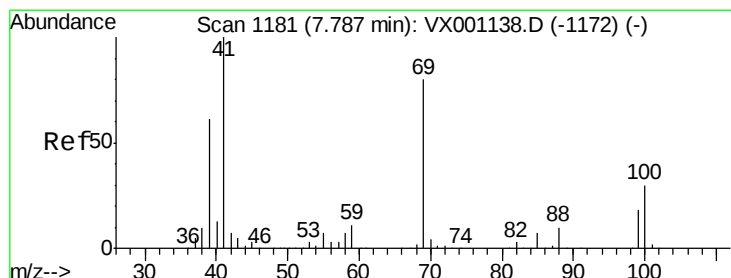
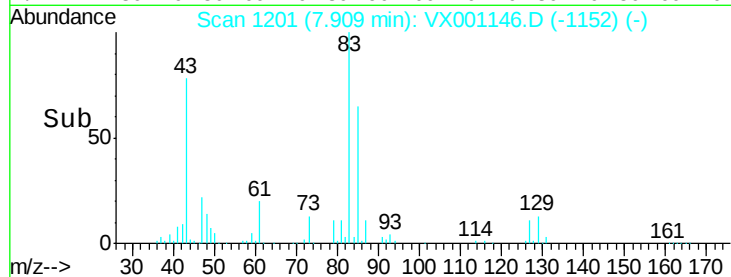
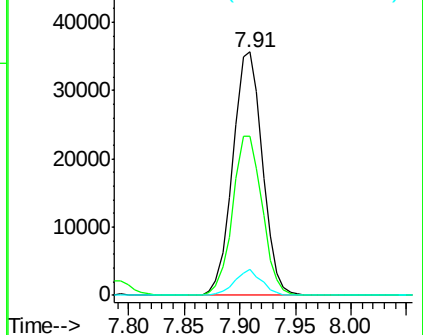
83 100

85 65.1 51.9 77.9

127 10.5 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.73 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

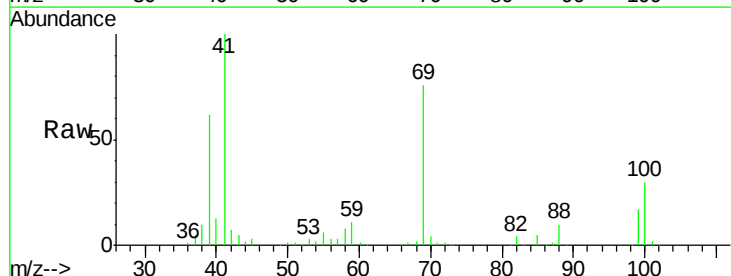
Tgt Ion: 41 Resp: 68882

Ion Ratio Lower Upper

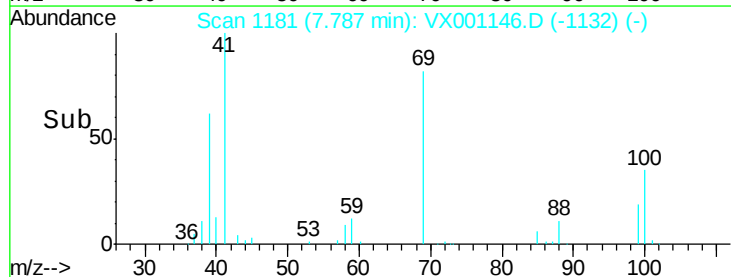
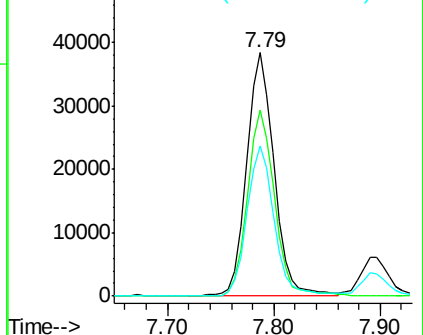
41 100

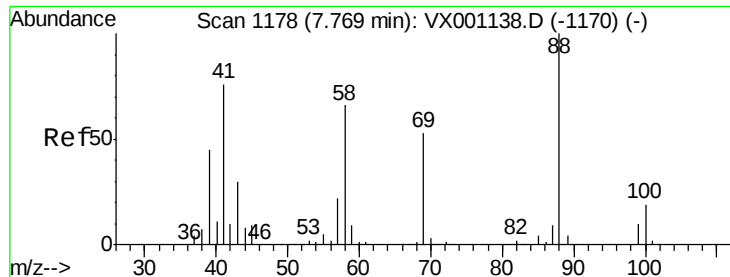
69 76.4 62.4 93.6

39 62.3 48.7 73.1



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

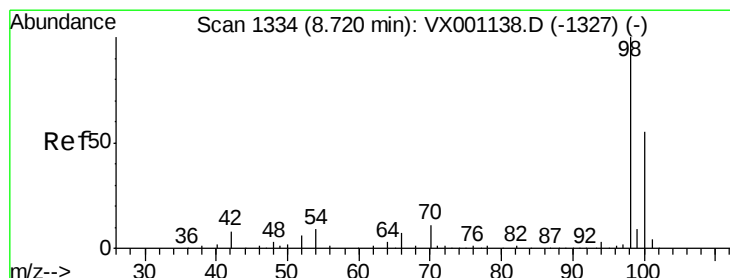
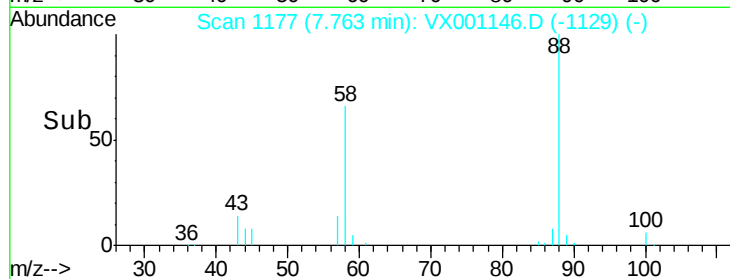
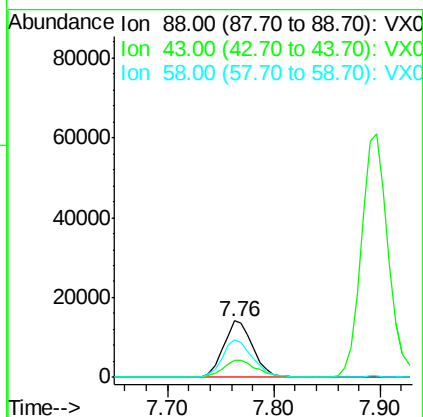
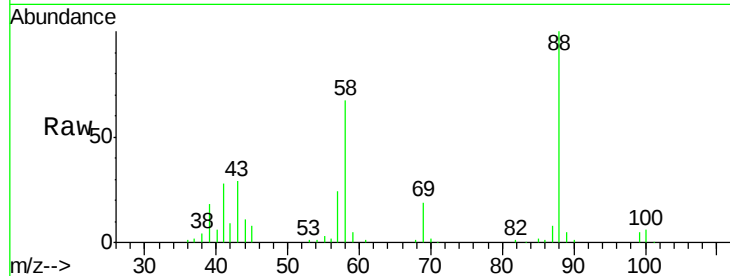




#49
1,4-Dioxane
Concen: 389.92 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

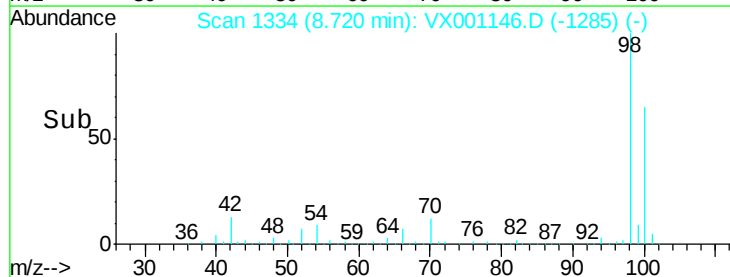
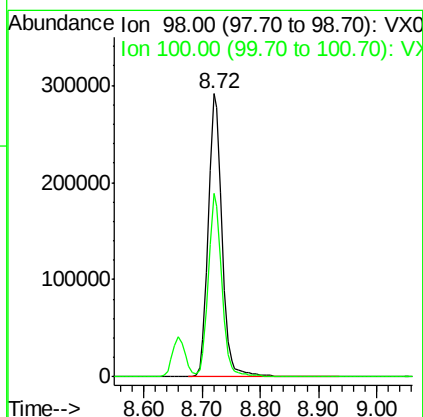
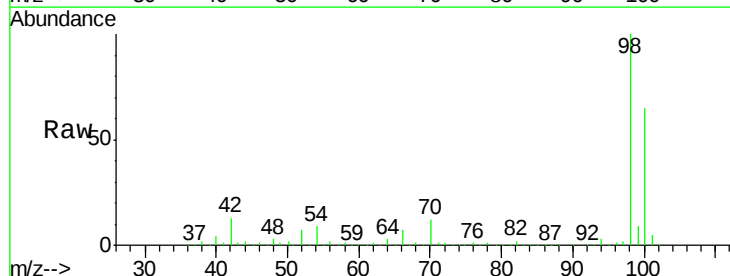
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

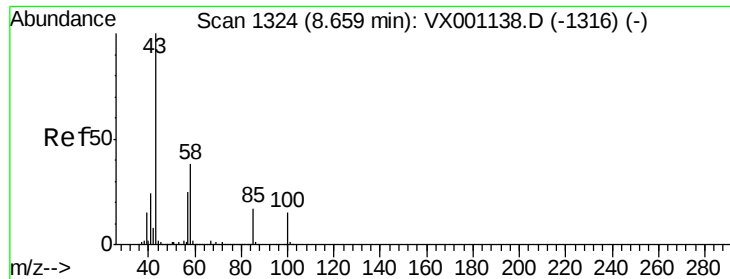
Tgt Ion: 88 Resp: 27248
Ion Ratio Lower Upper
88 100
43 36.6 27.3 40.9
58 69.5 54.2 81.4



#50
Toluene-d8
Concen: 48.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 98 Resp: 482038
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

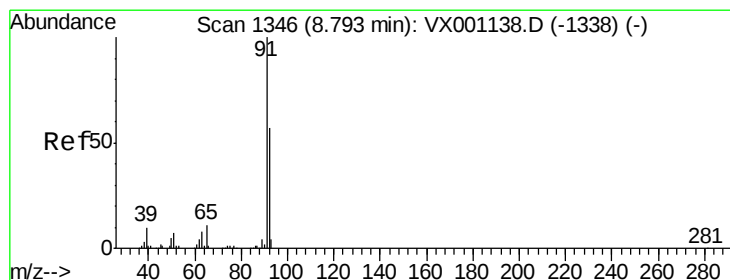
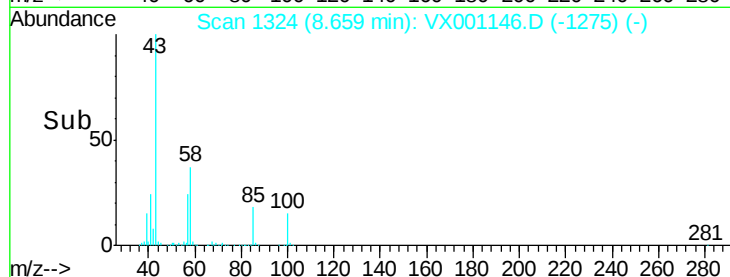
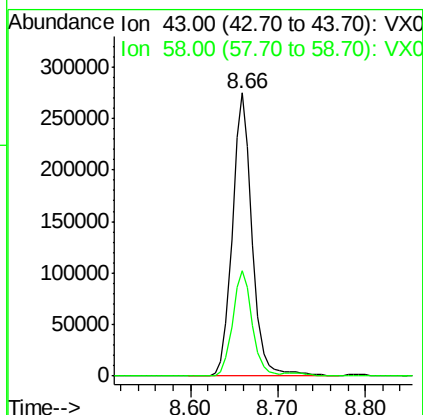
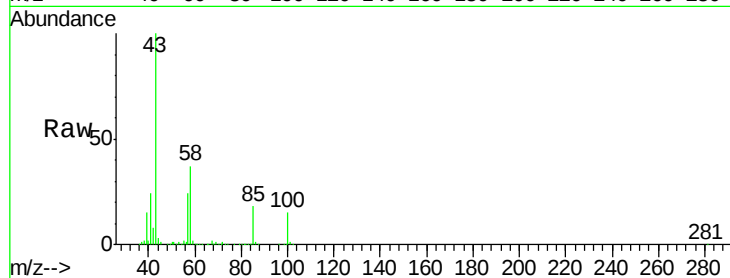




#51
 4-Methyl-2-Pentanone
 Concen: 100.61 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

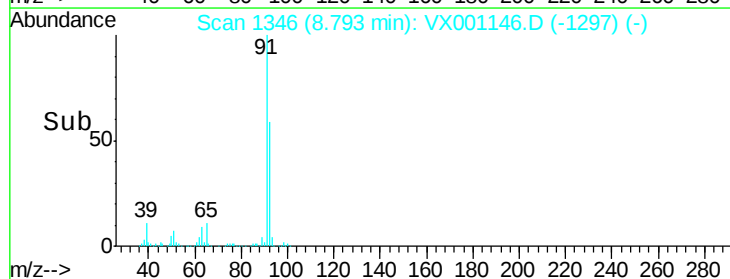
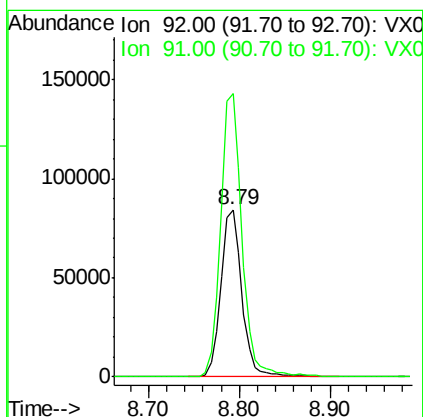
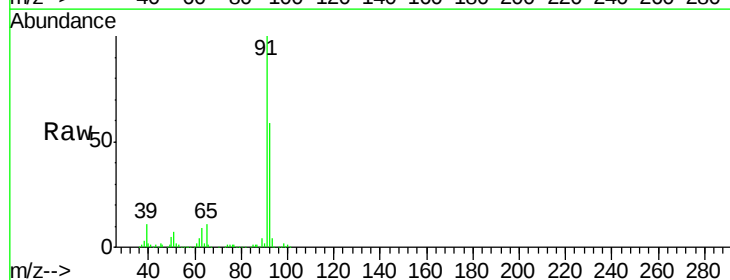
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

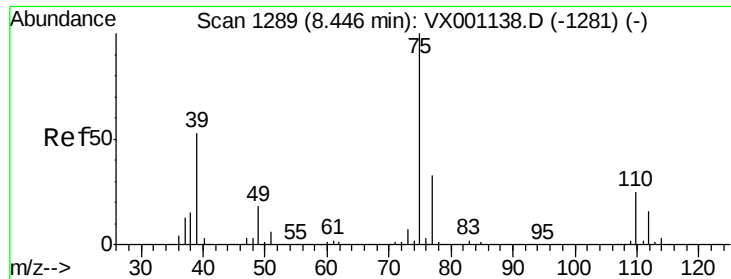
Tgt Ion: 43 Resp: 433986
 Ion Ratio Lower Upper
 43 100
 58 36.5 30.2 45.2



#52
 Toluene
 Concen: 20.66 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 92 Resp: 136427
 Ion Ratio Lower Upper
 92 100
 91 172.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 19.77 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

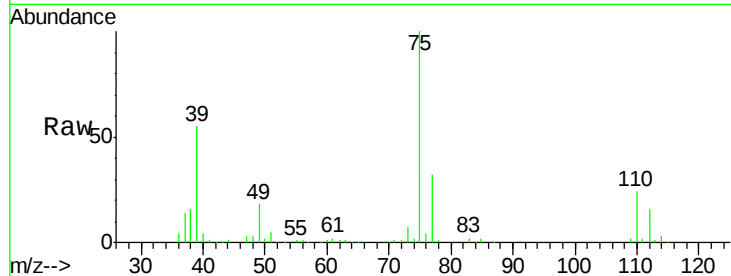
VX0426WBSD02

Tgt Ion: 75 Resp: 76821

Ion Ratio Lower Upper

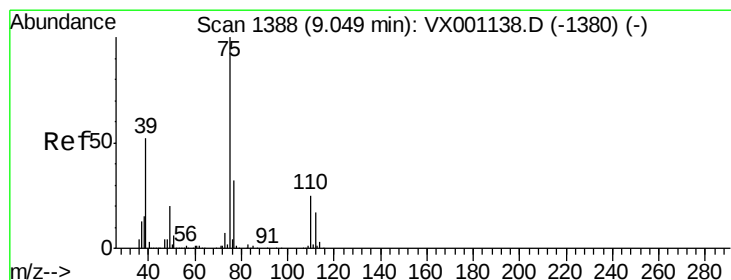
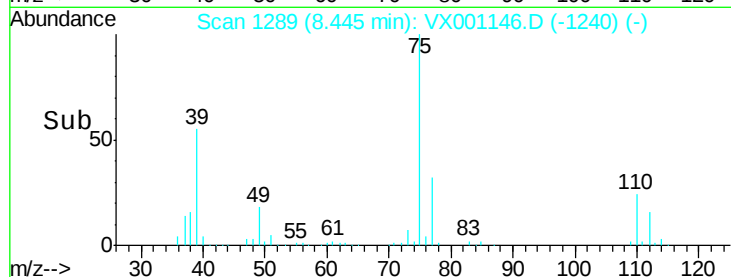
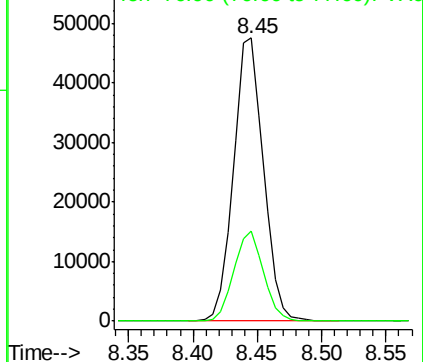
75 100

77 31.9 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.01 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

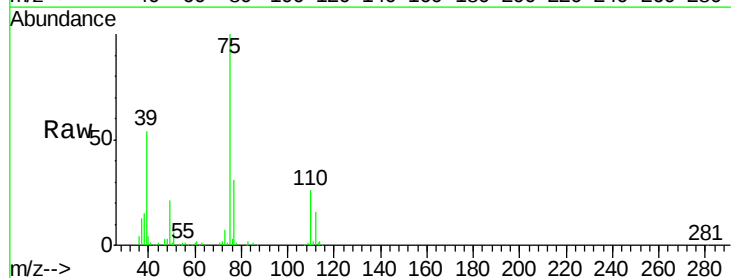
Tgt Ion: 75 Resp: 71279

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2

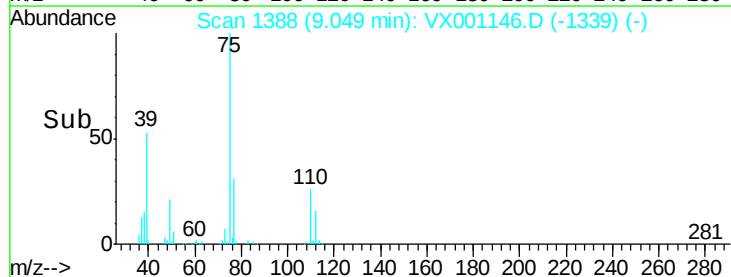
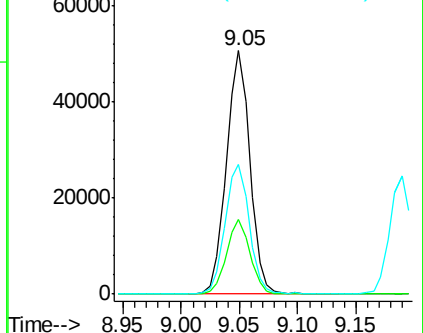
39 53.3 42.0 63.0

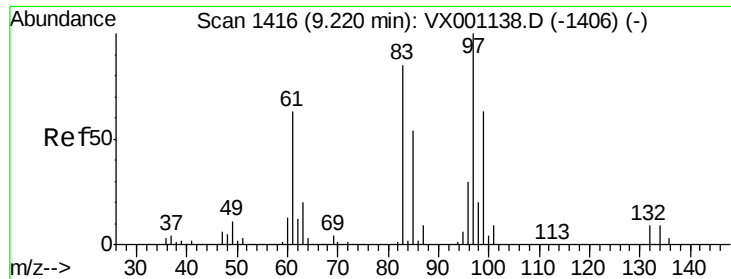


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

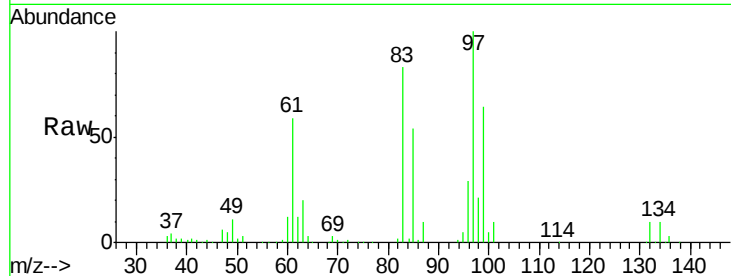




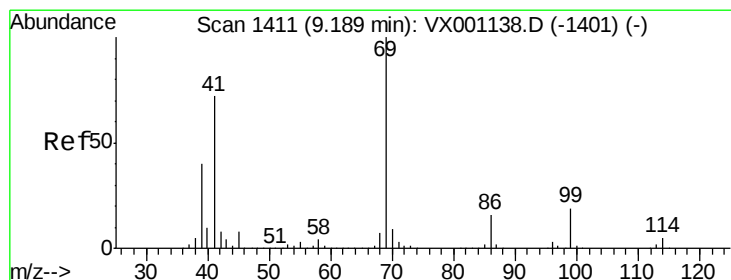
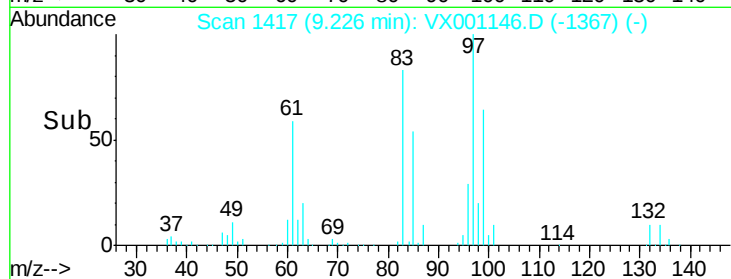
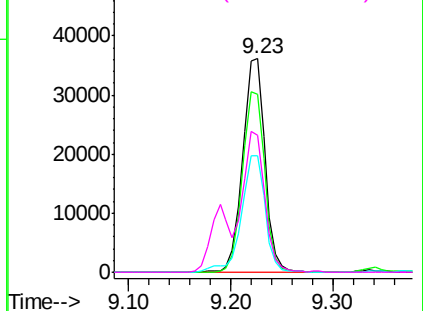
#55
 1,1,2-Trichloroethane
 Concen: 19.58 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

Tgt Ion:	97	Resp:	54718
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.0	102.0
85	54.3	42.9	64.3
99	63.9	50.3	75.5

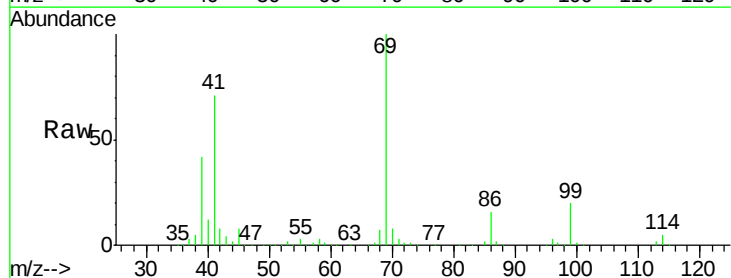


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

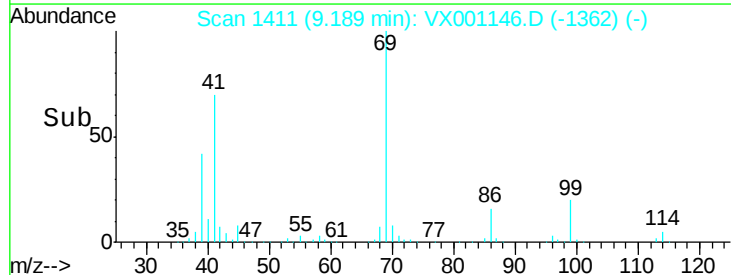
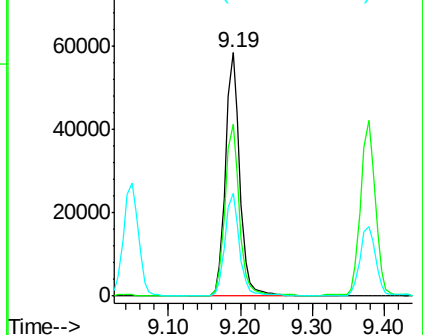


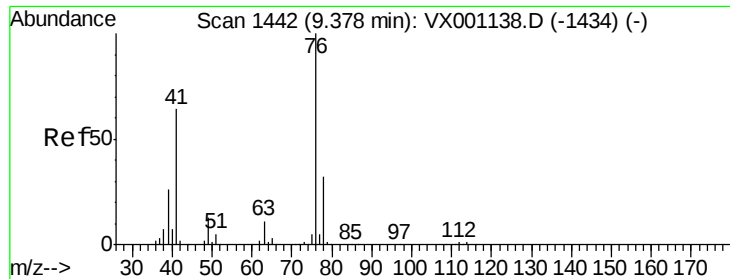
#56
 Ethyl methacrylate
 Concen: 19.76 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion:	69	Resp:	81811
Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.7	86.5
39	41.8	33.3	49.9



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

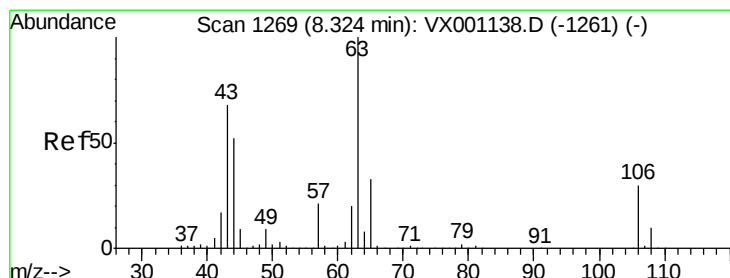
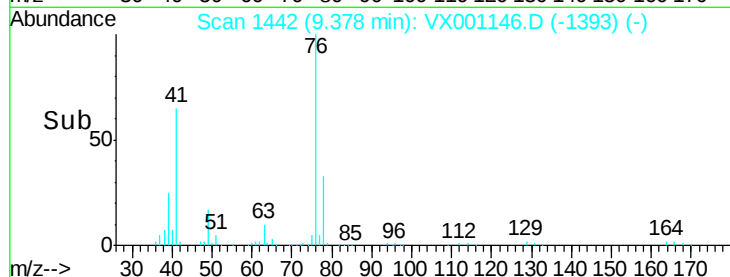
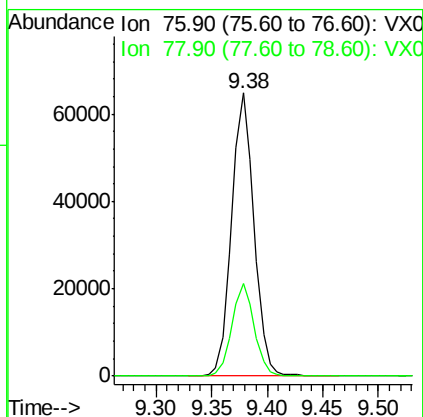
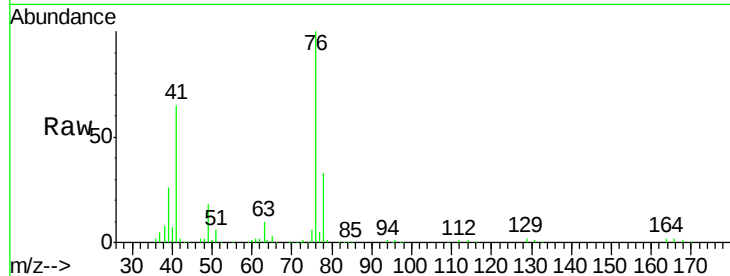




#57
 1,3-Dichloropropane
 Concen: 19.95 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

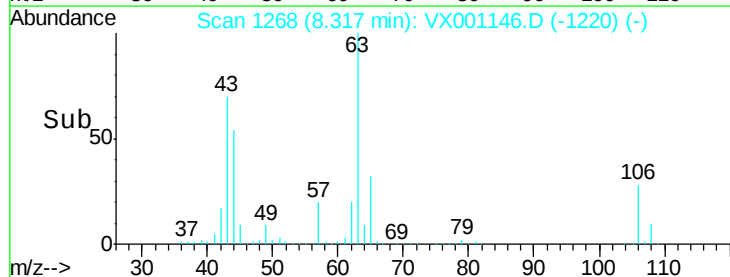
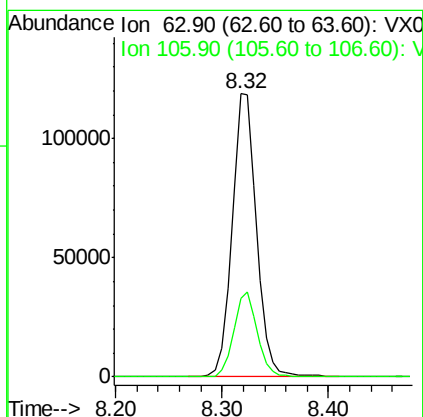
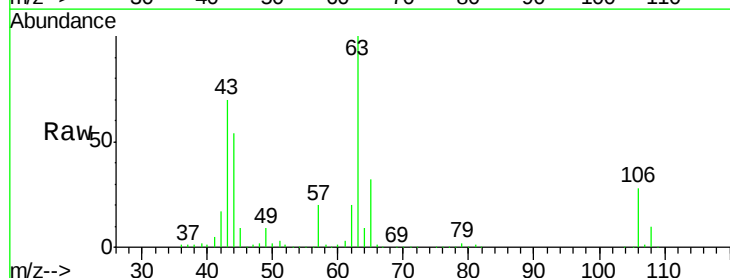
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

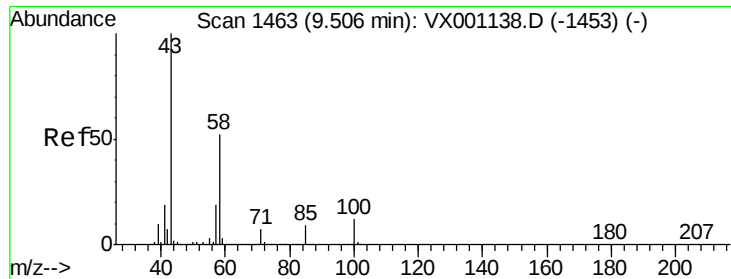
Tgt Ion: 76 Resp: 90170
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.27 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion: 63 Resp: 190381
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.7 35.5

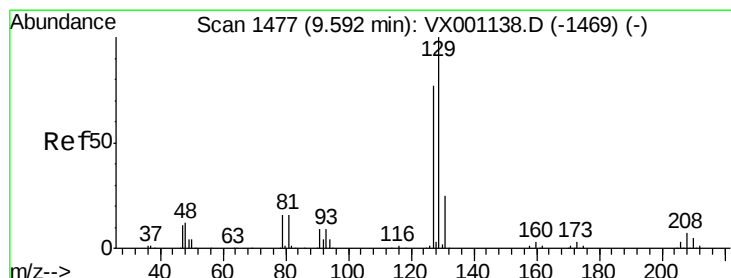
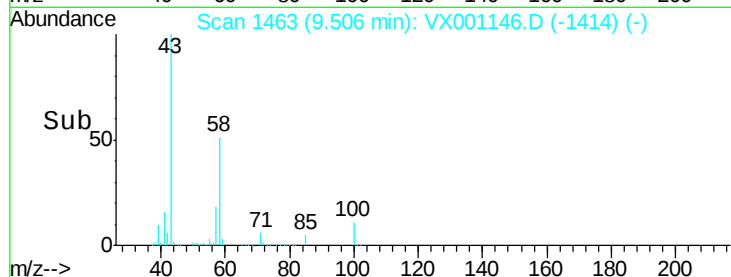
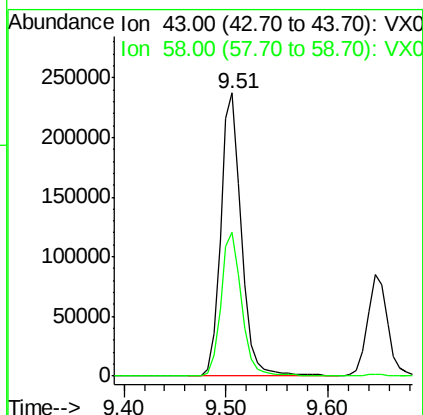
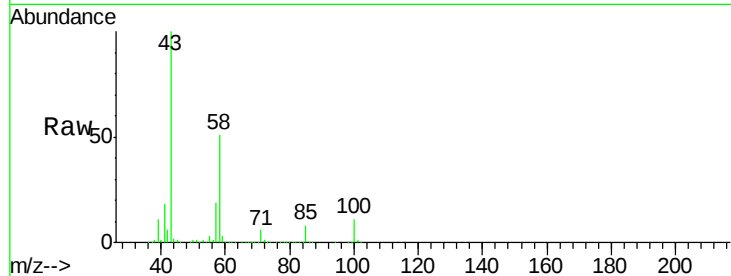




#59
2-Hexanone
Concen: 98.51 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

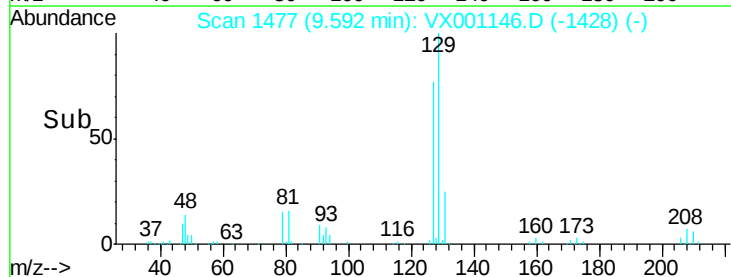
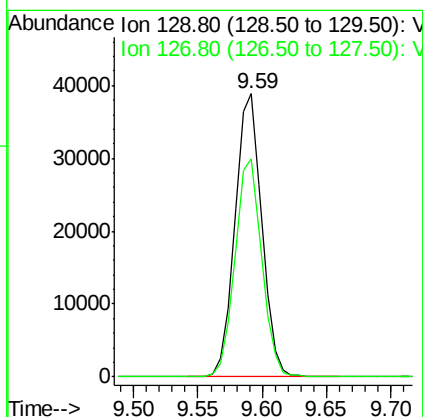
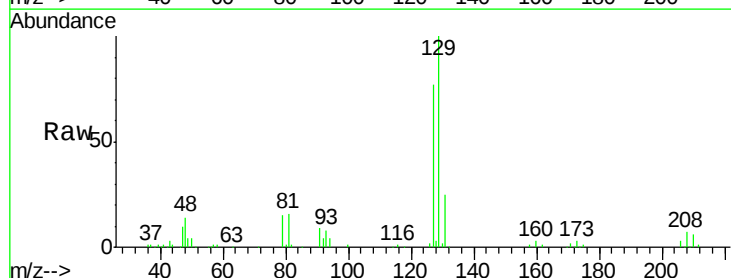
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

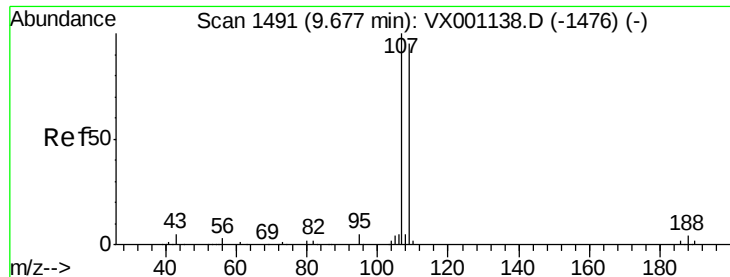
Tgt Ion: 43 Resp: 332917
Ion Ratio Lower Upper
43 100
58 51.2 25.8 77.4



#60
Dibromochloromethane
Concen: 19.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion: 129 Resp: 56265
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

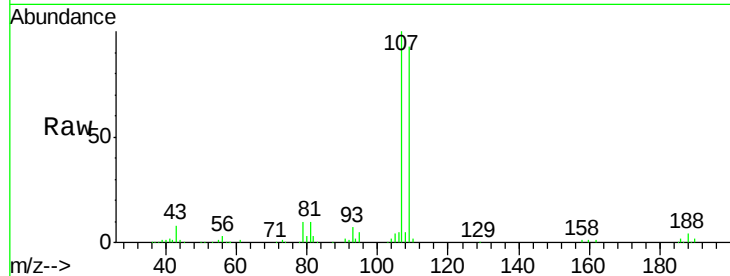
VX0426WBSD02

Tgt Ion: 107 Resp: 59265

Ion Ratio Lower Upper

107 100

109 93.5 75.2 112.8

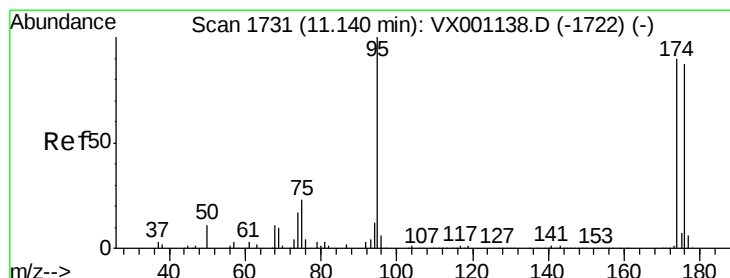
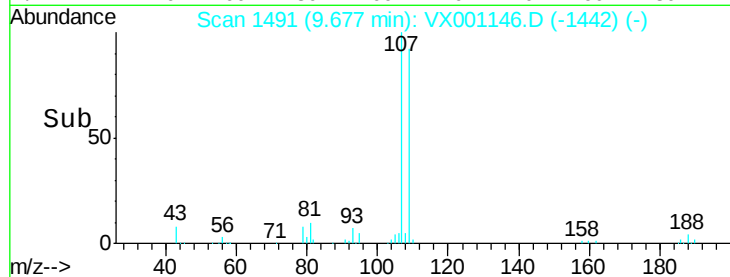


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

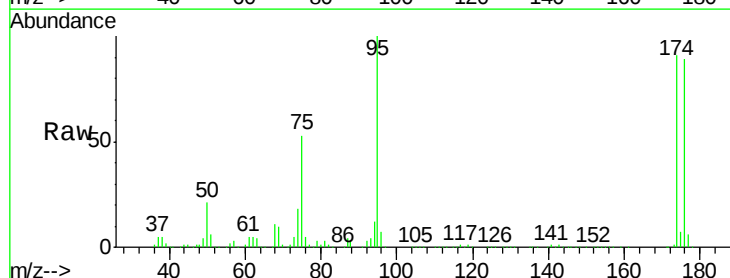
Tgt Ion: 95 Resp: 184423

Ion Ratio Lower Upper

95 100

174 99.6 0.0 194.4

176 96.2 0.0 190.2



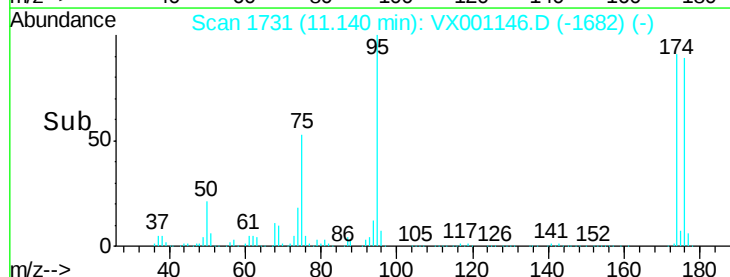
Abundance Ion 94.90 (94.60 to 95.60): VX0

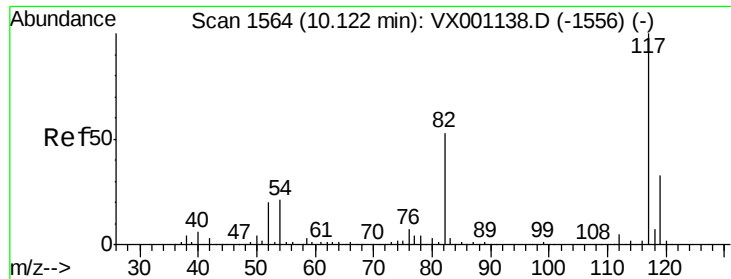
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time--> 11.10 11.20

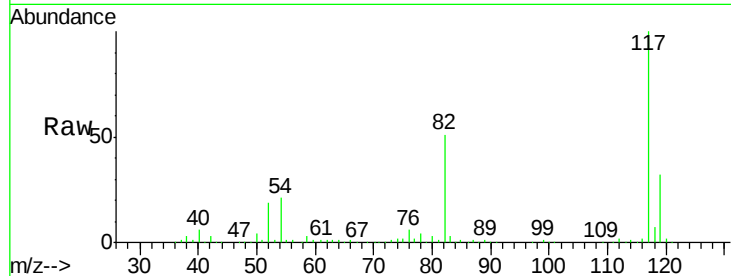




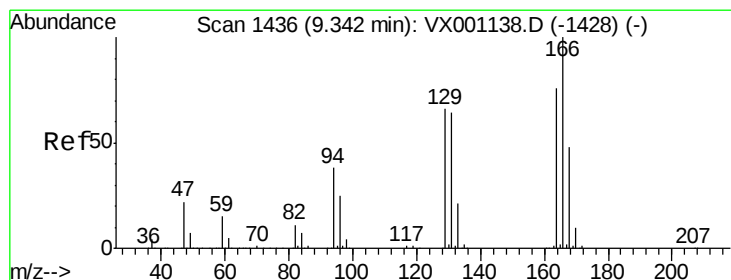
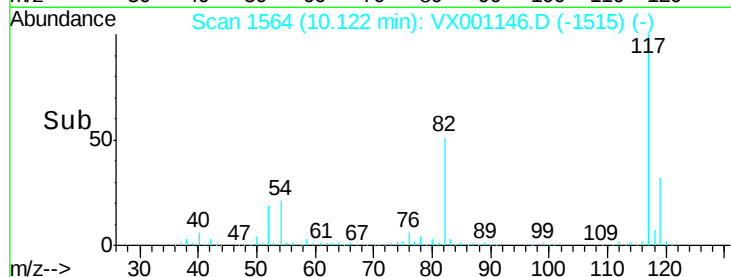
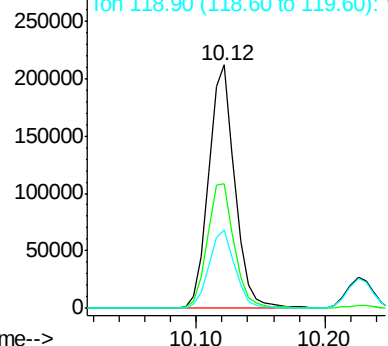
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tgt Ion:117 Resp: 298640
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 32.1 26.1 39.1

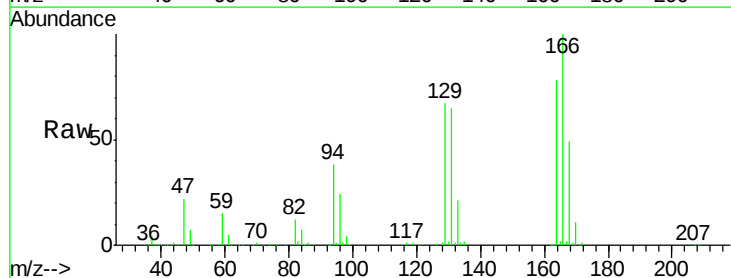


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

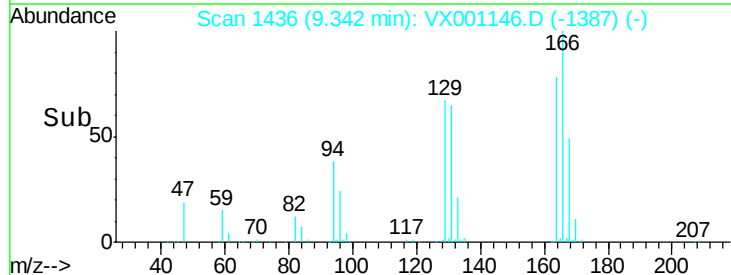
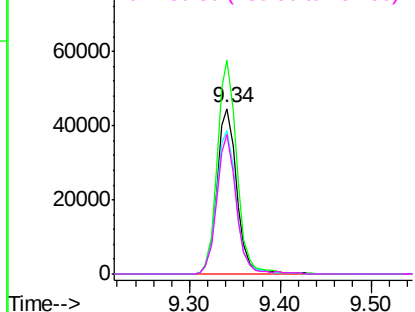


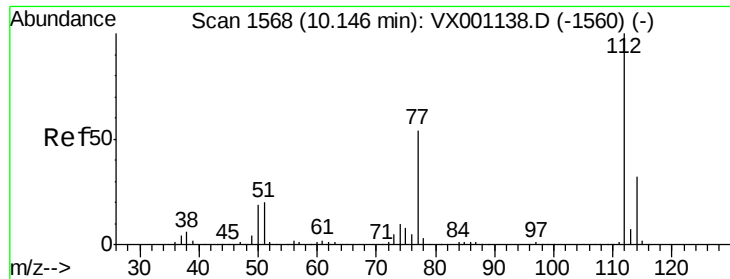
#64
Tetrachloroethene
Concen: 21.49 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion:164 Resp: 68506
Ion Ratio Lower Upper
164 100
166 129.0 105.0 157.6
129 86.3 69.4 104.2
131 84.2 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: 20.37 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

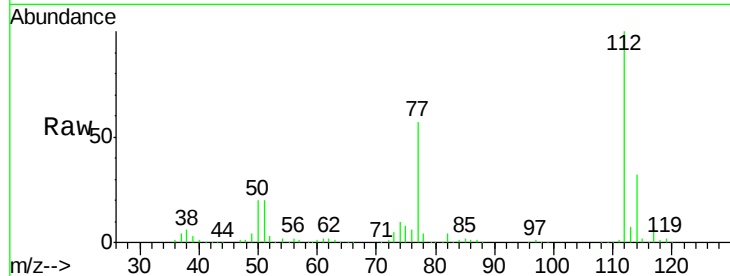
VX0426WBSD02

Tgt Ion:112 Resp: 159400

Ion Ratio Lower Upper

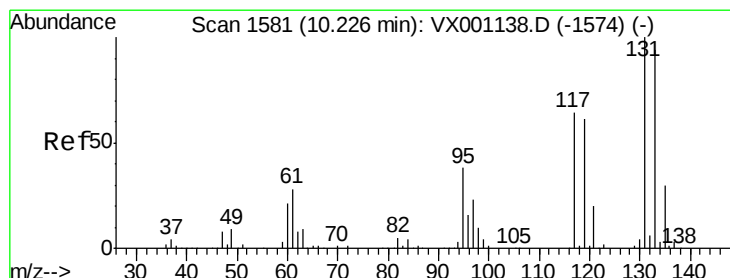
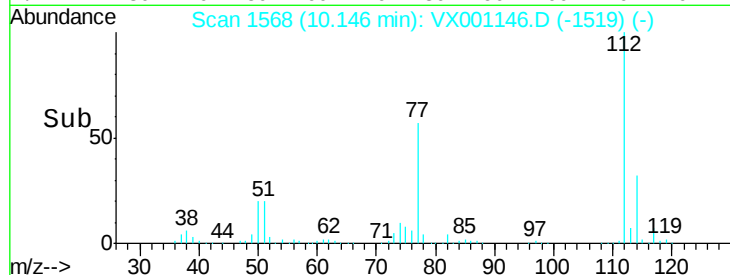
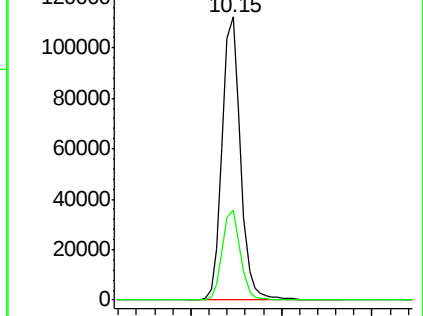
112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.38 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

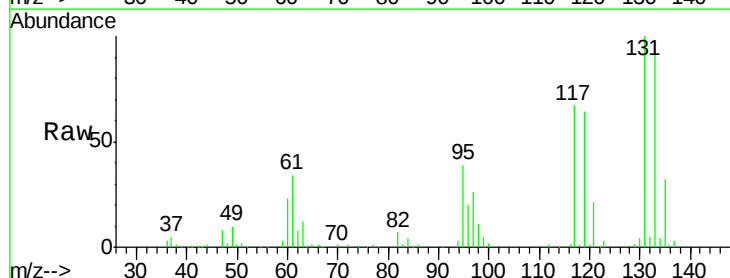
Tgt Ion:131 Resp: 55172

Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.4

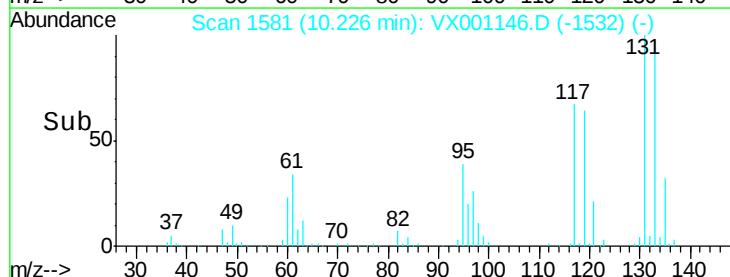
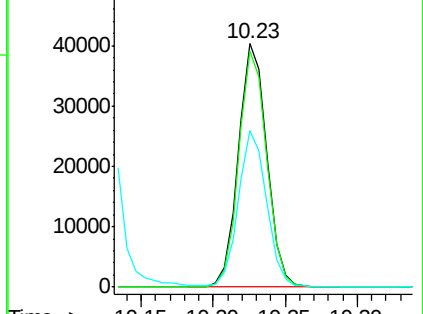
119 64.3 31.3 93.8

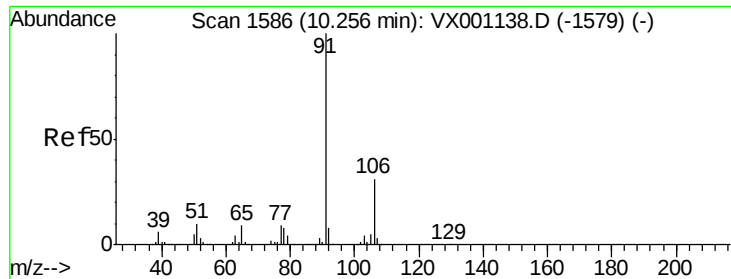


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.72 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

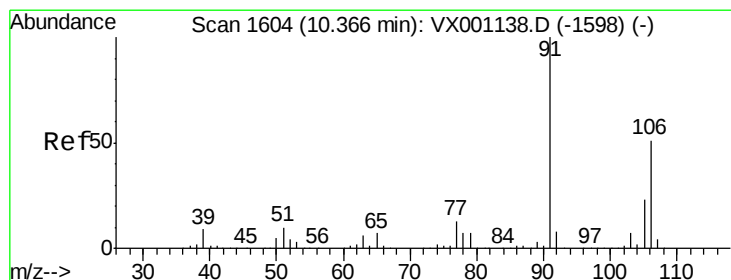
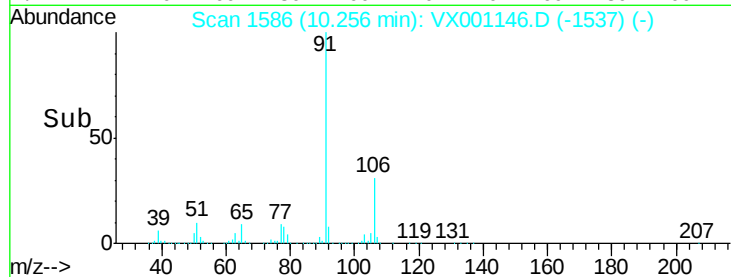
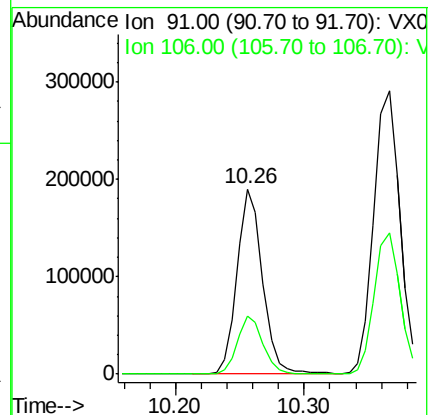
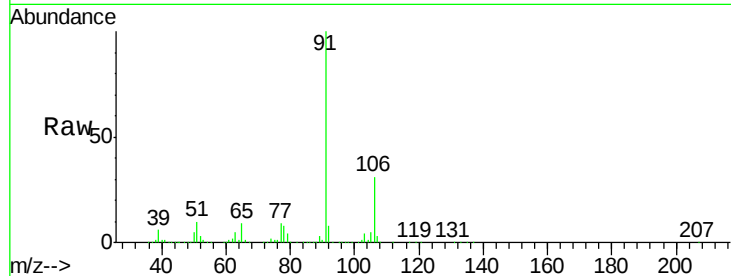
VX0426WBSD02

Tgt Ion: 91 Resp: 263469

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 41.06 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001146.D

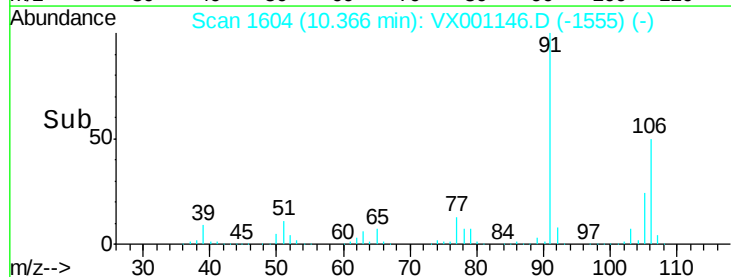
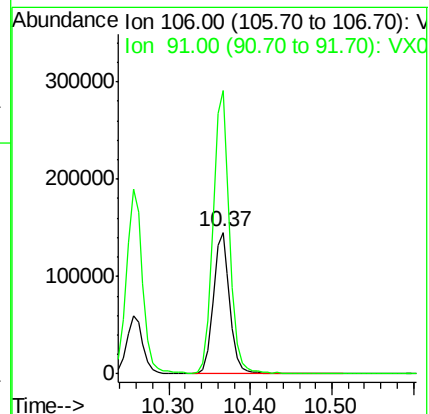
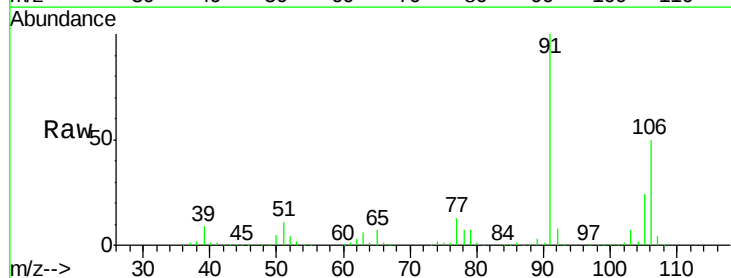
Acq: 26 Apr 2018 23:54

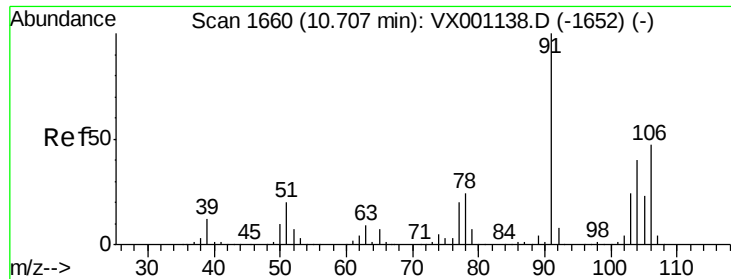
Tgt Ion: 106 Resp: 206371

Ion Ratio Lower Upper

106 100

91 201.4 160.9 241.3

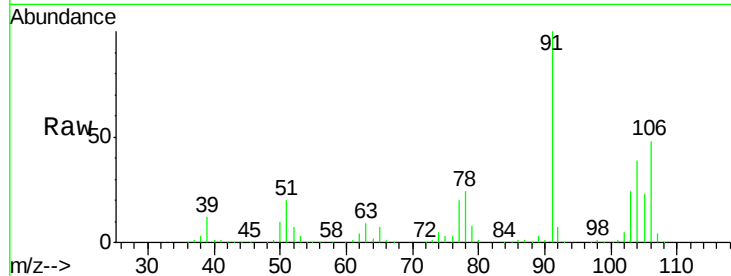




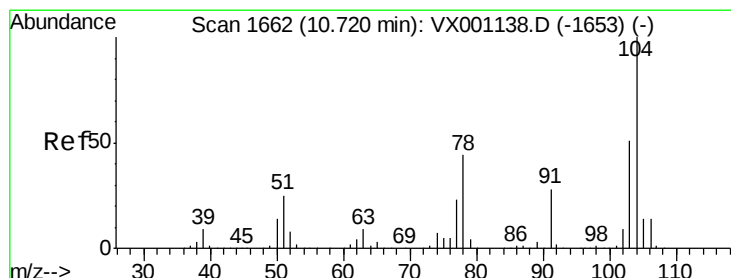
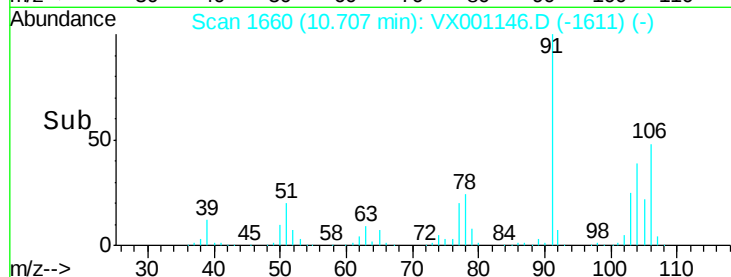
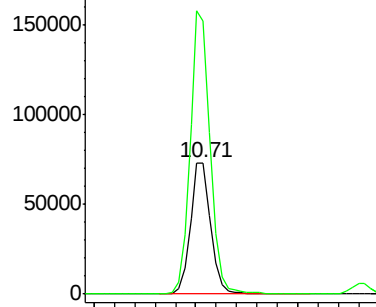
#69
o-Xylene
Concen: 20.84 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD02

Tgt Ion:106 Resp: 101610
Ion Ratio Lower Upper
106 100
91 212.1 106.2 318.5

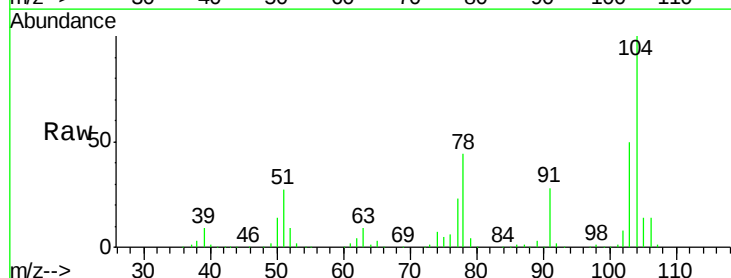


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

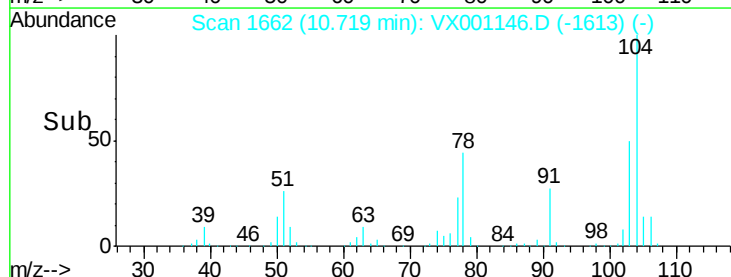
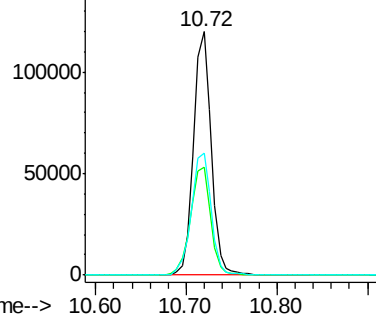


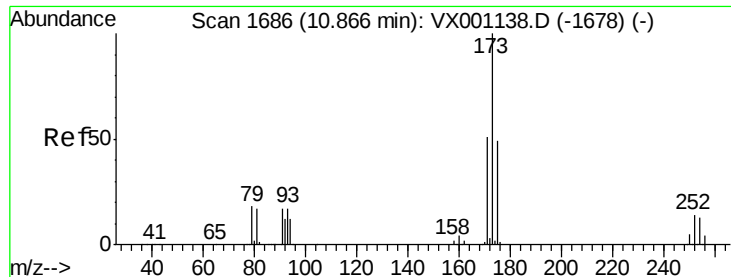
#70
Styrene
Concen: 20.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001146.D
Acq: 26 Apr 2018 23:54

Tgt Ion:104 Resp: 164227
Ion Ratio Lower Upper
104 100
78 50.7 40.3 60.5
103 56.2 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: 18.94 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

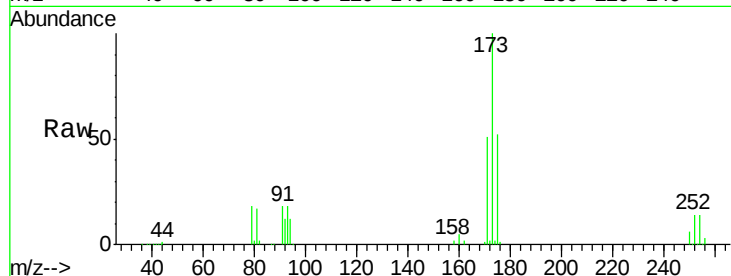
Tgt Ion:173 Resp: 44207

Ion Ratio Lower Upper

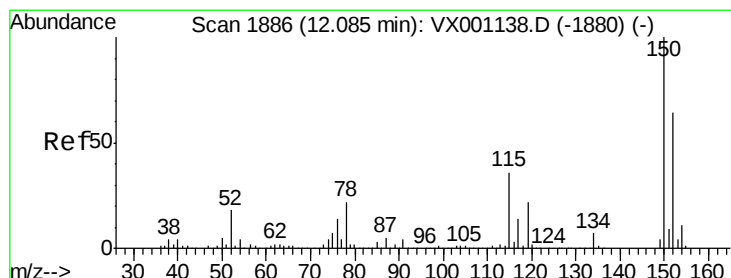
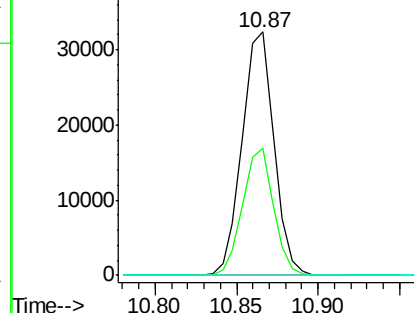
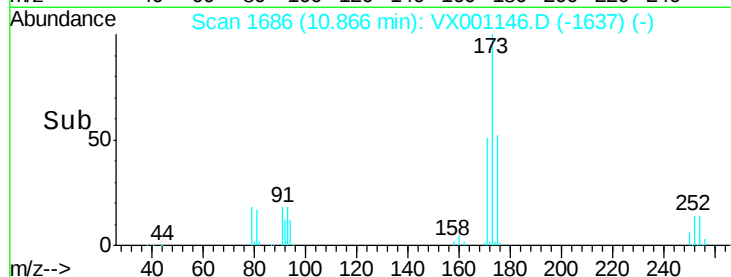
173 100

175 50.8 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

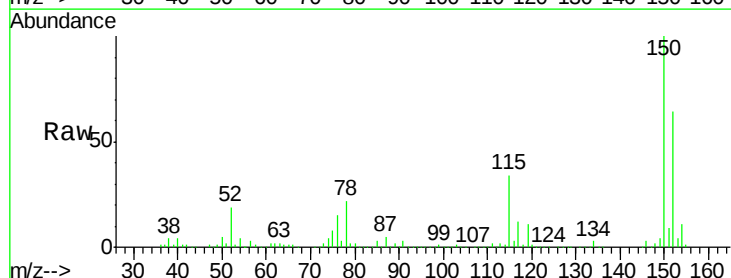
Tgt Ion:152 Resp: 197151

Ion Ratio Lower Upper

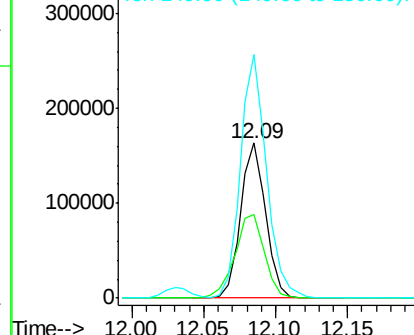
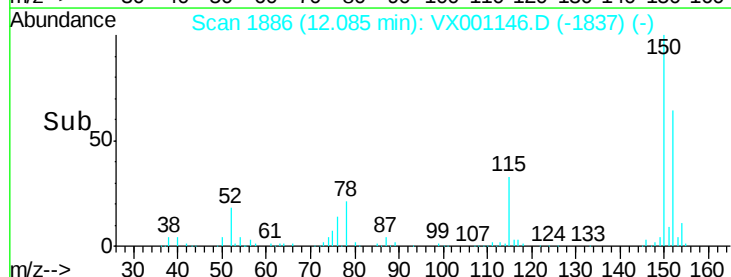
152 100

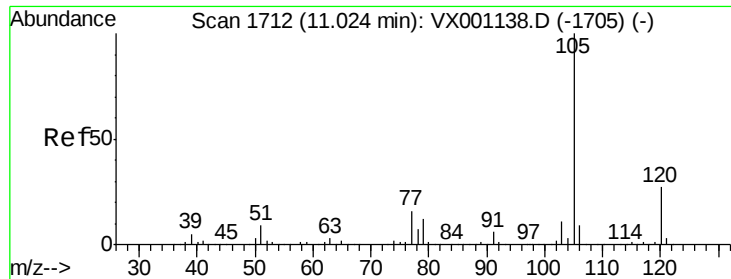
115 64.2 38.0 114.0

150 164.3 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: 21.26 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

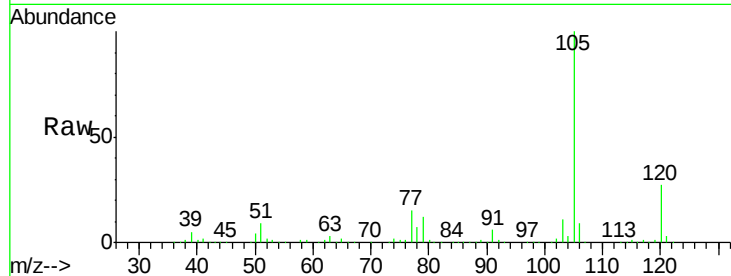
VX0426WBSD02

Tgt Ion: 105 Resp: 273246

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

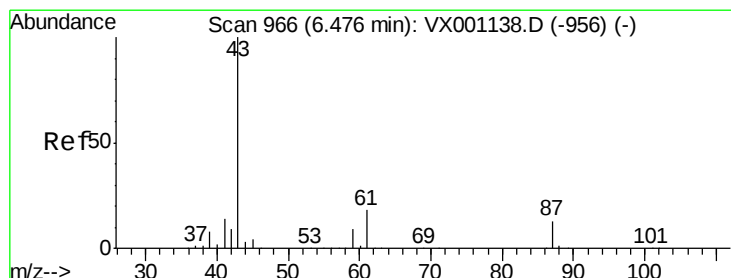
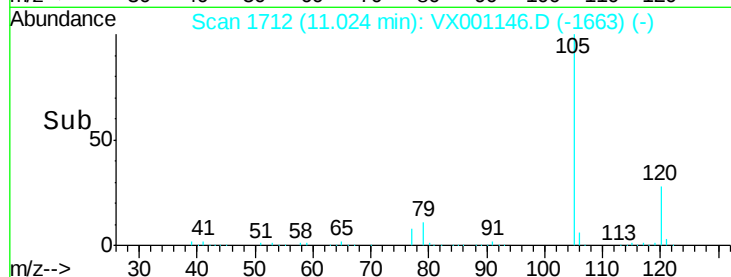
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.84 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Tgt Ion: 43 Resp: 128461

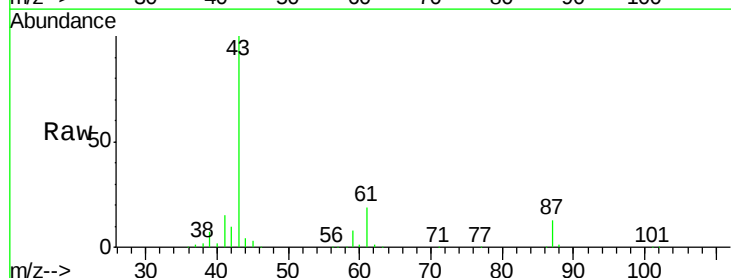
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 15.0 22.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

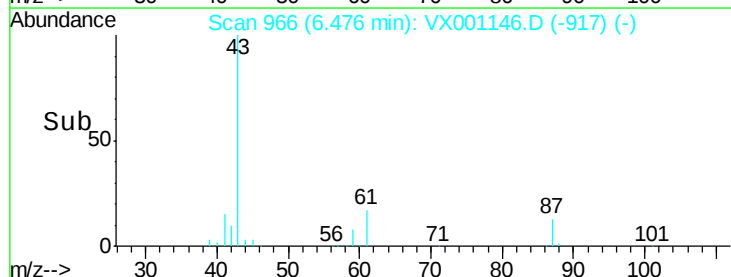
20000

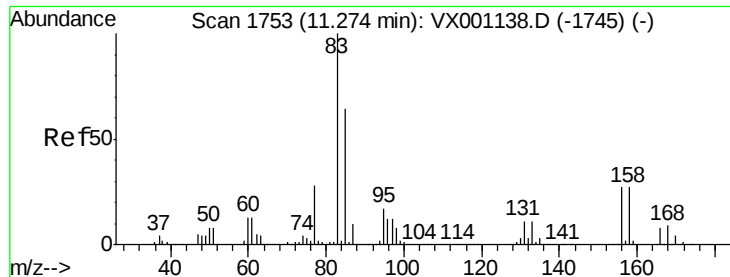
0

6.48

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.84 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

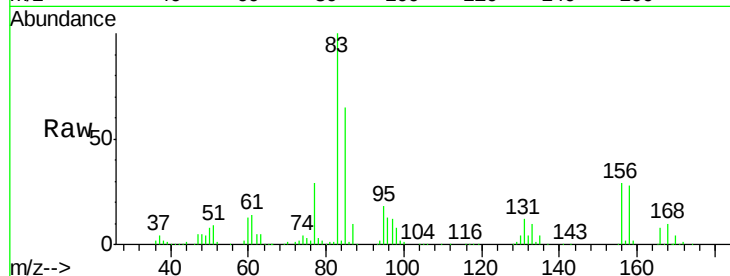
Tgt Ion: 83 Resp: 84569

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

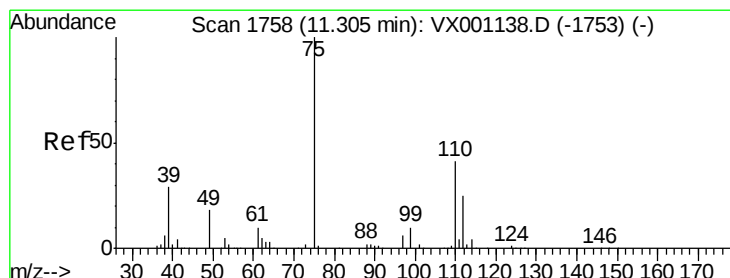
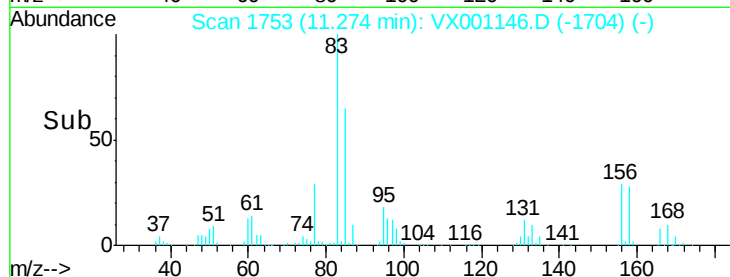
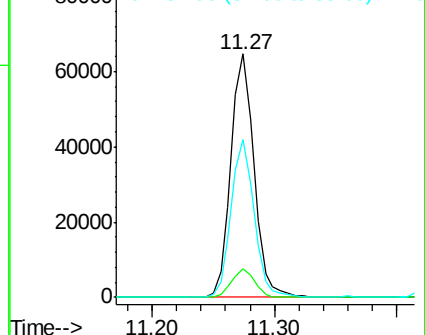
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.18 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001146.D

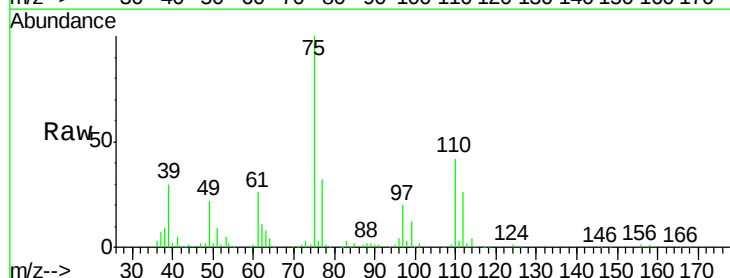
Acq: 26 Apr 2018 23:54

Tgt Ion: 75 Resp: 93054

Ion Ratio Lower Upper

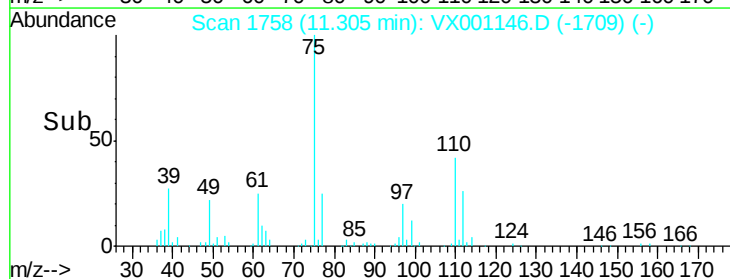
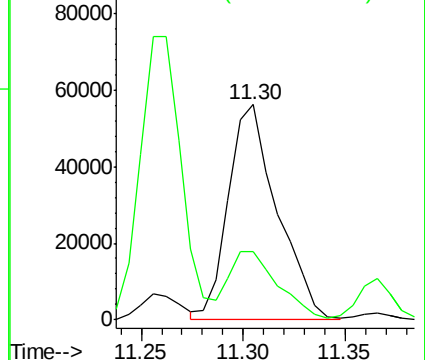
75 100

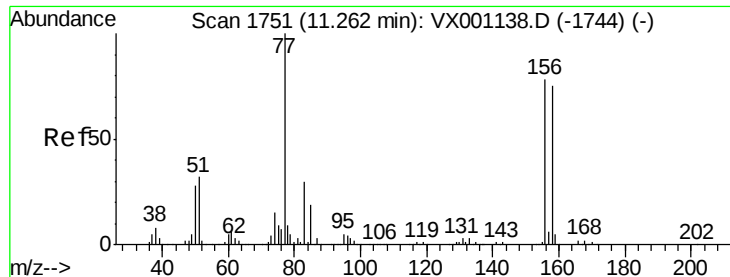
77 31.7 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

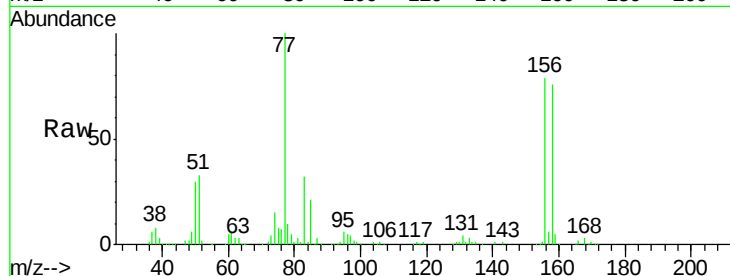
Tgt Ion:156 Resp: 77489

Ion Ratio Lower Upper

156 100

77 134.5 67.8 203.2

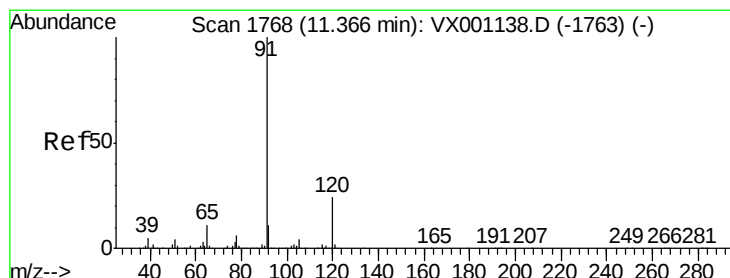
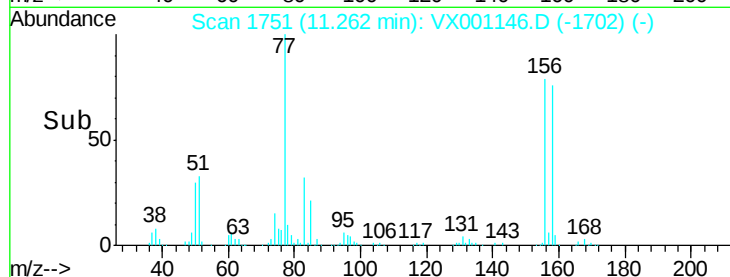
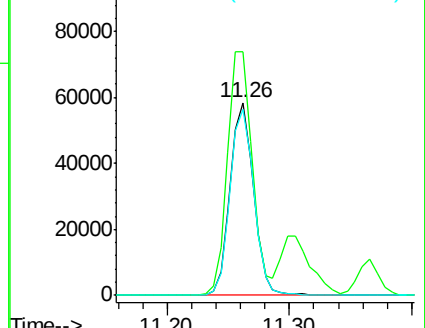
158 97.9 48.9 146.7



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: 21.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001146.D

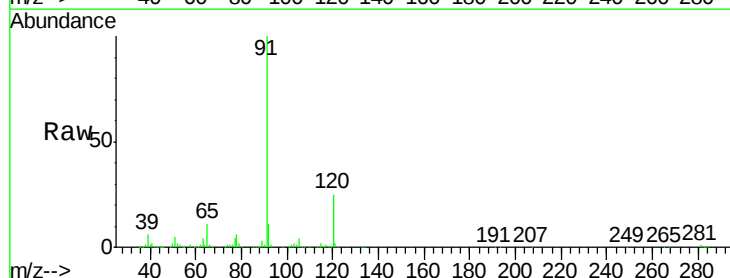
Acq: 26 Apr 2018 23:54

Tgt Ion: 91 Resp: 304059

Ion Ratio Lower Upper

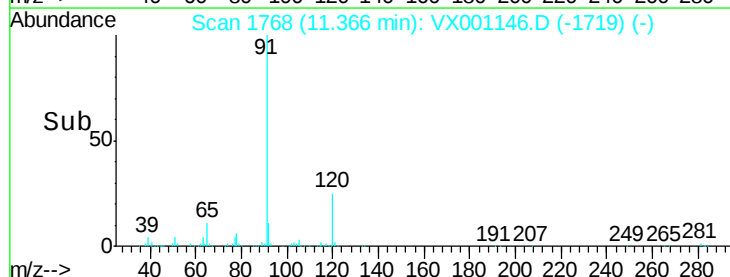
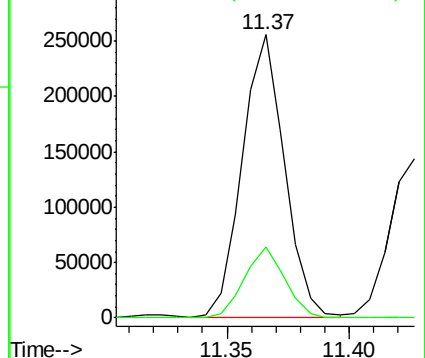
91 100

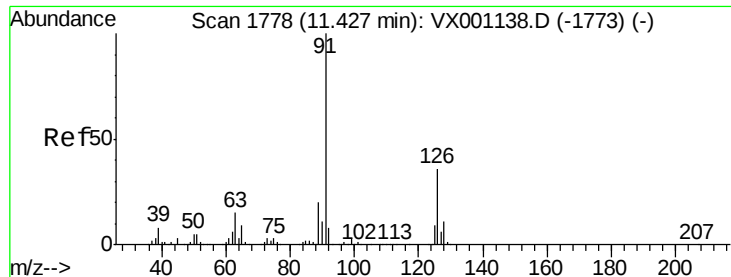
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.83 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

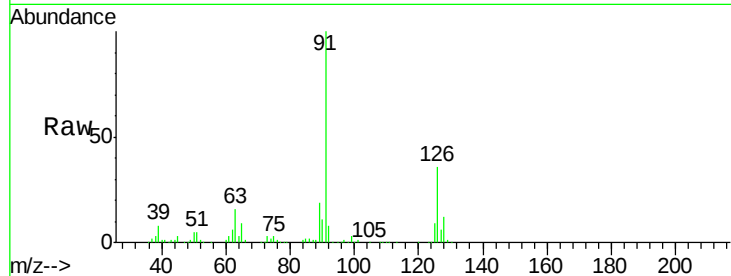
VX0426WBSD02

Tgt Ion: 91 Resp: 185005

Ion Ratio Lower Upper

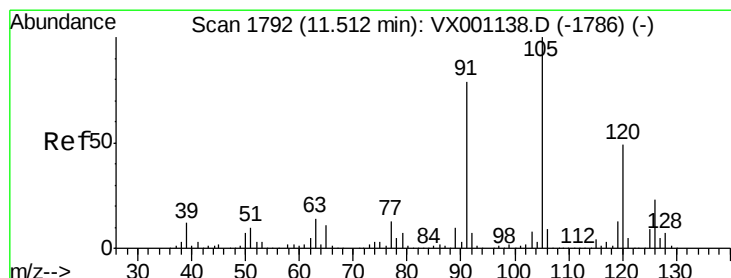
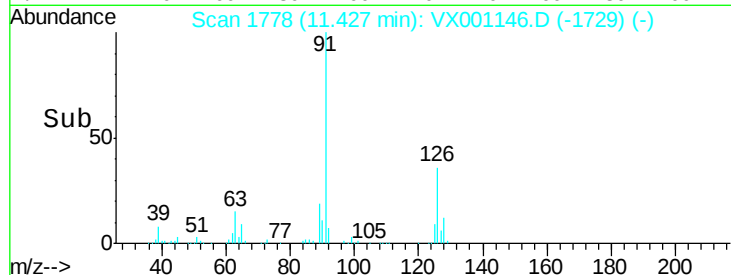
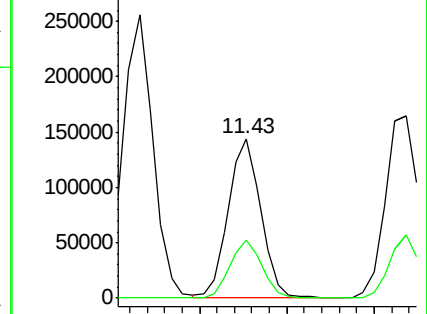
91 100

126 36.1 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX001146.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX001146.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001146.D

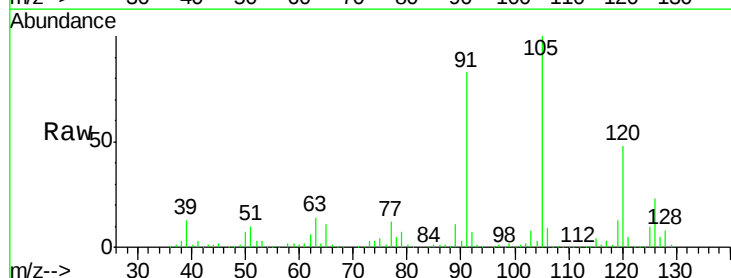
Acq: 26 Apr 2018 23:54

Tgt Ion: 105 Resp: 230658

Ion Ratio Lower Upper

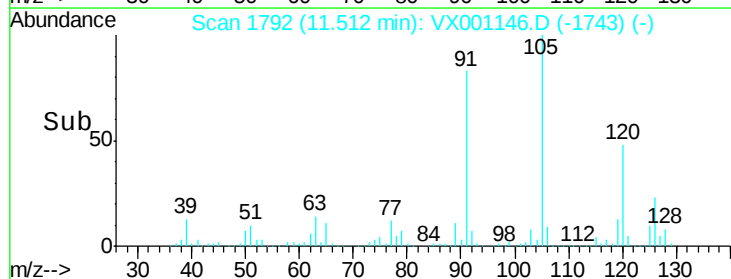
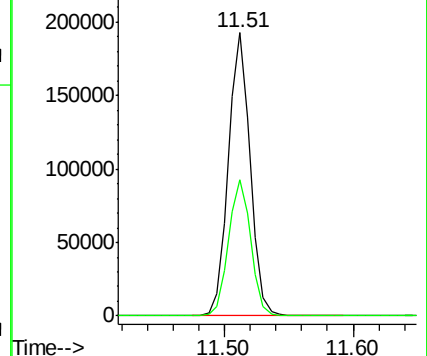
105 100

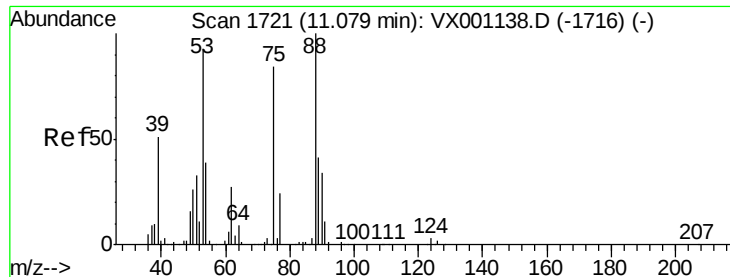
120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001146.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX001146.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.58 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

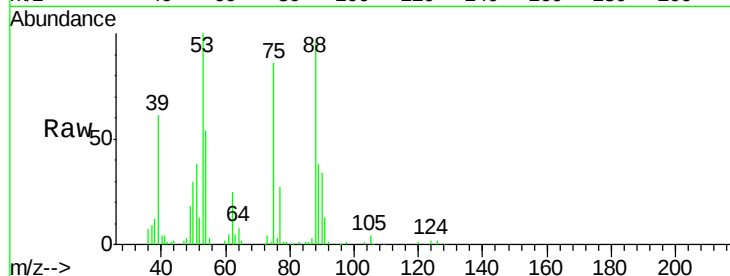
MSVOA_X

ClientSampleId :

VX0426WBSD02

Tgt Ion: 75 Resp: 17487

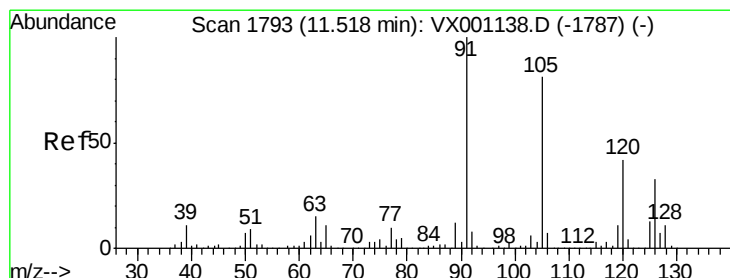
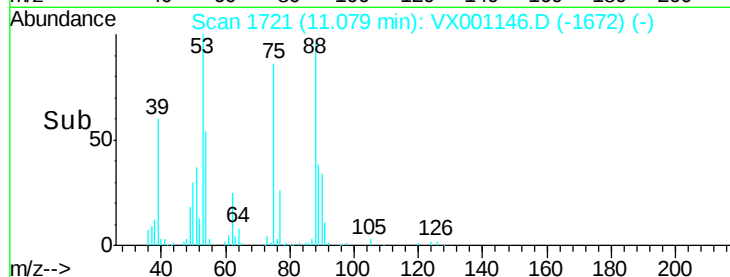
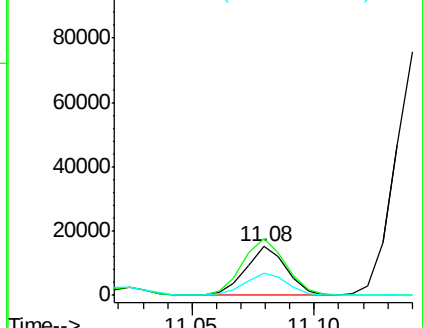
Ion	Ratio	Lower	Upper
75	100		
53	124.1	87.9	131.9
89	47.7	37.7	56.5



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: 20.63 ug/l

RT: 11.52 min Scan# 1793

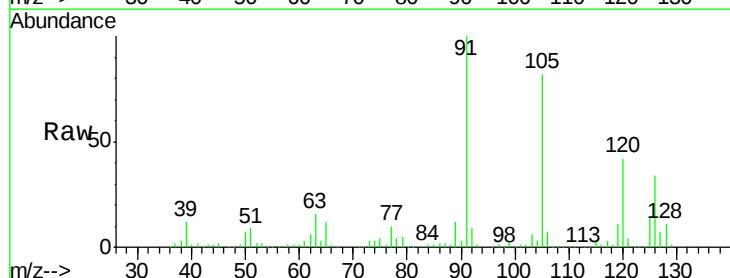
Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

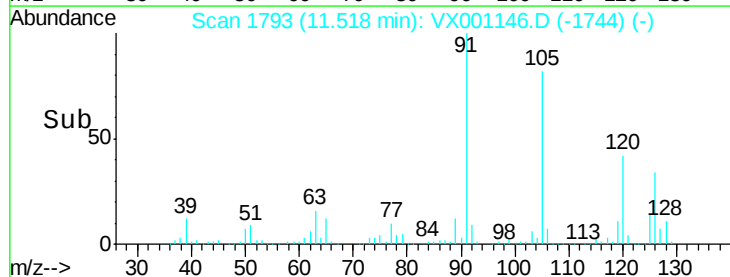
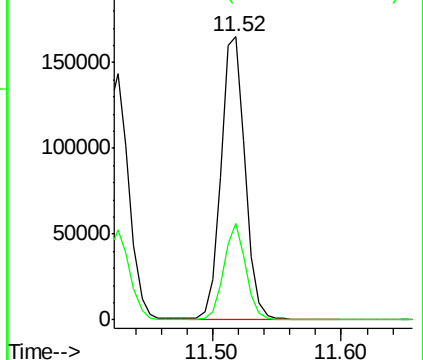
Tgt Ion: 91 Resp: 217757

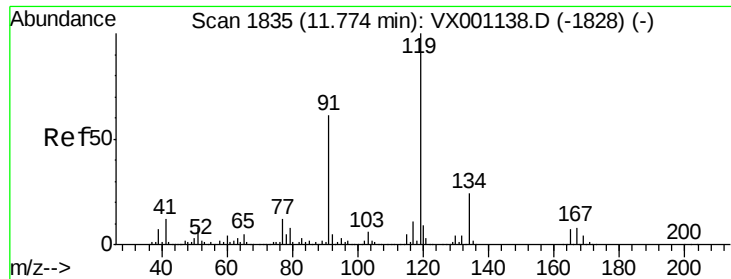
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.8	47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

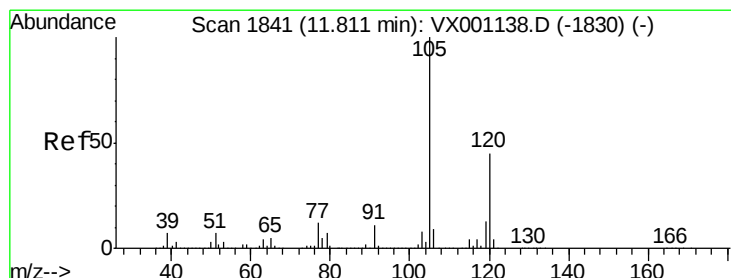
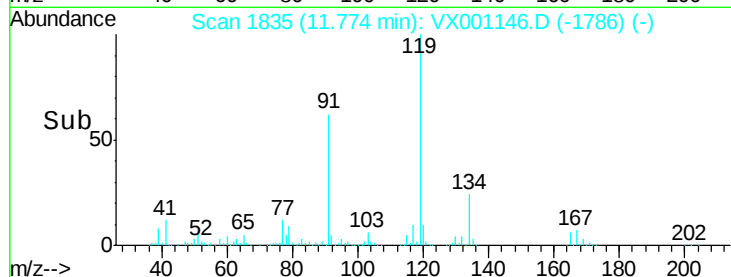
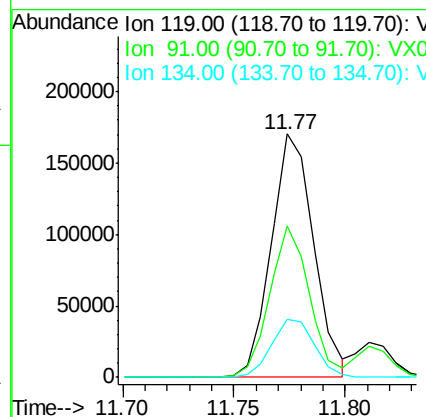
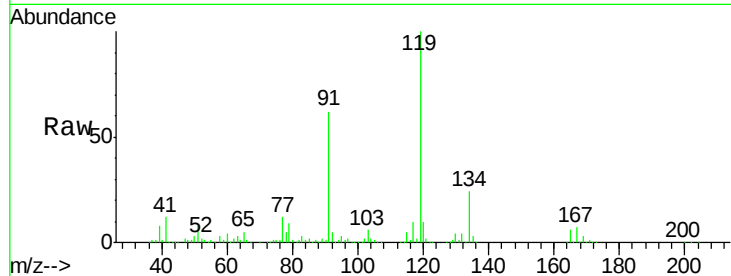




#83
 tert-Butylbenzene
 Concen: 20.74 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

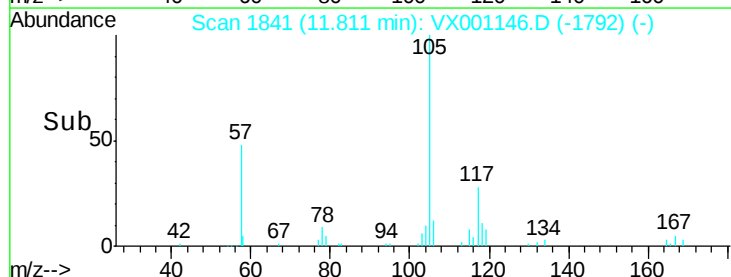
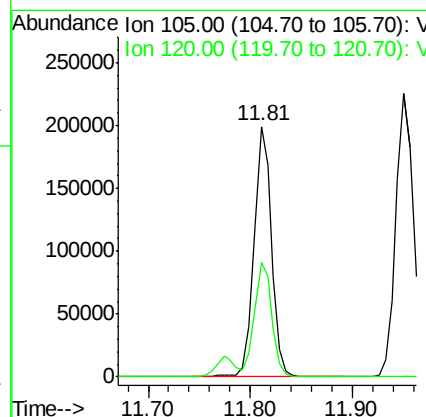
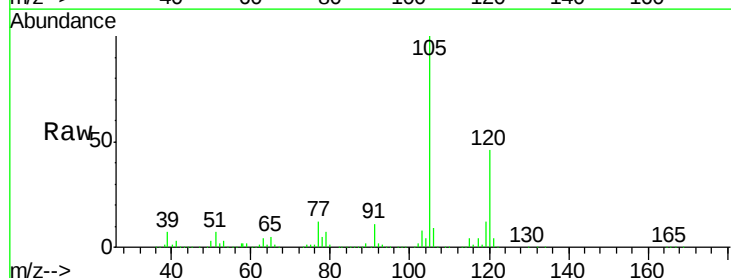
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

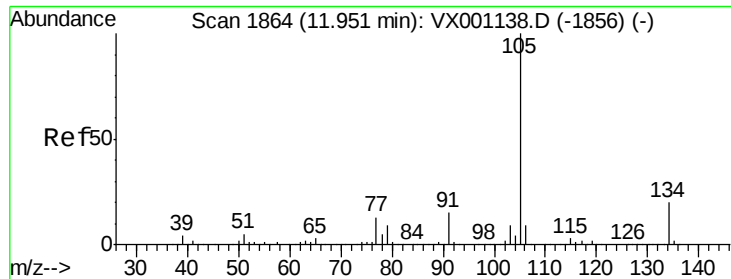
Tgt Ion:119 Resp: 225216
 Ion Ratio Lower Upper
 119 100
 91 58.1 27.6 82.8
 134 24.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.26 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion:105 Resp: 237773
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.55 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

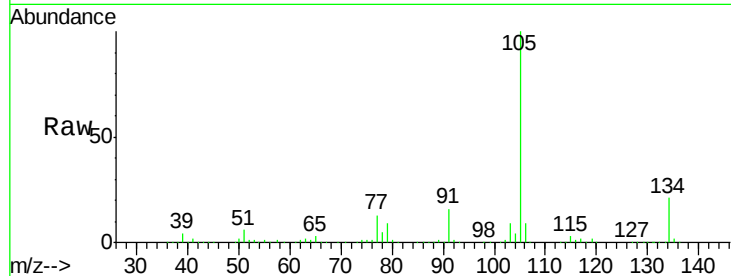
VX0426WBSD02

Tgt Ion:105 Resp: 273375

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

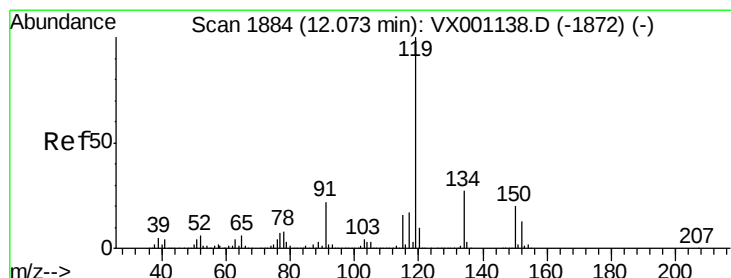
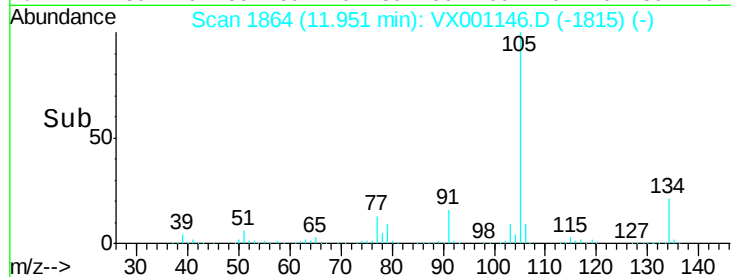
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 21.33 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

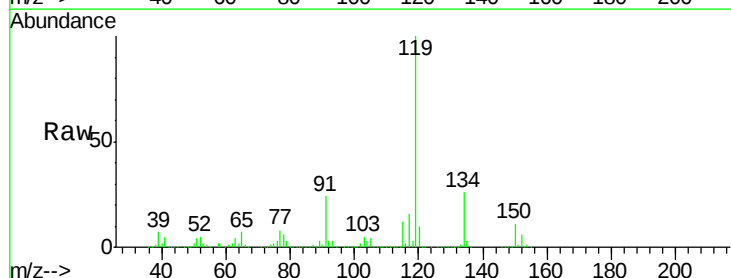
Tgt Ion:119 Resp: 251659

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.0 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

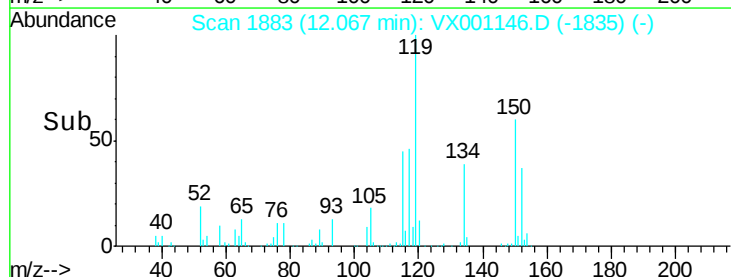
100000

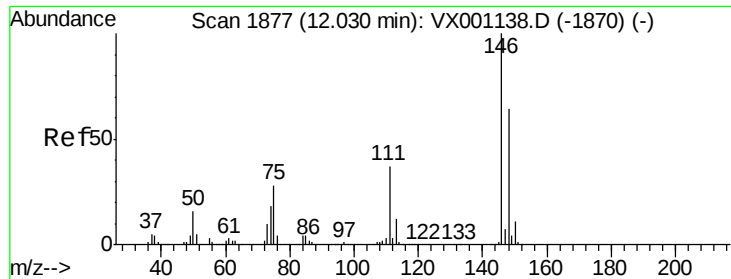
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.54 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

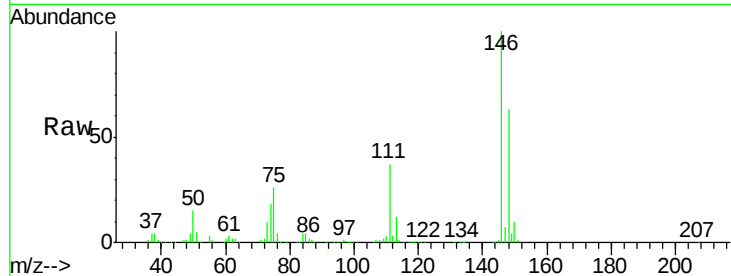
Tgt Ion:146 Resp: 140484

Ion Ratio Lower Upper

146 100

111 37.3 18.6 56.0

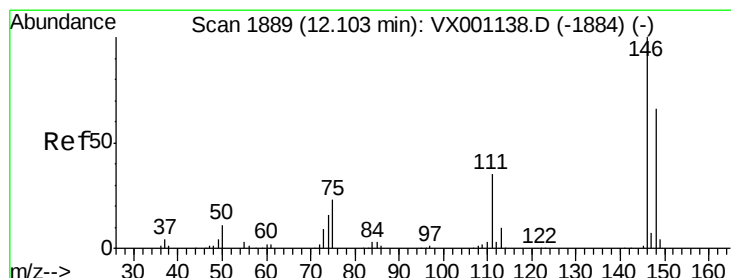
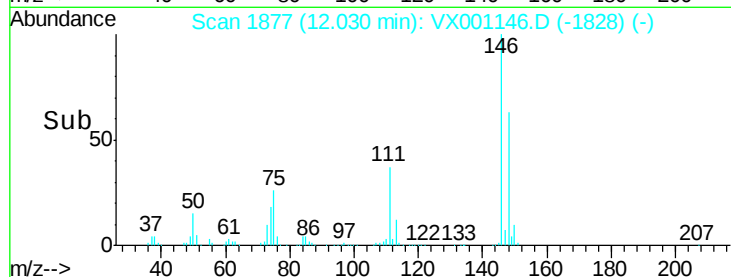
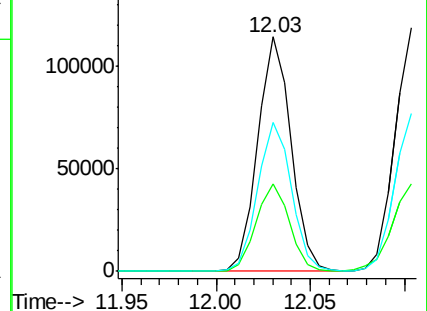
148 64.3 32.3 96.8



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: 20.03 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

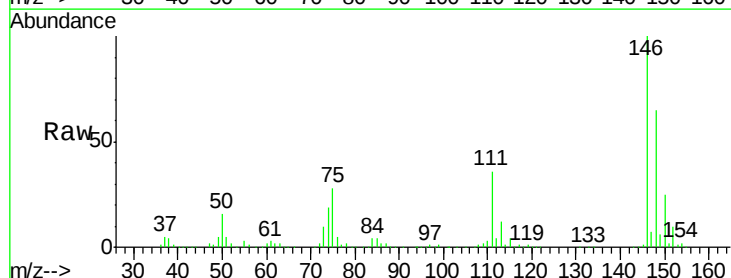
Tgt Ion:146 Resp: 142770

Ion Ratio Lower Upper

146 100

111 37.4 18.0 54.0

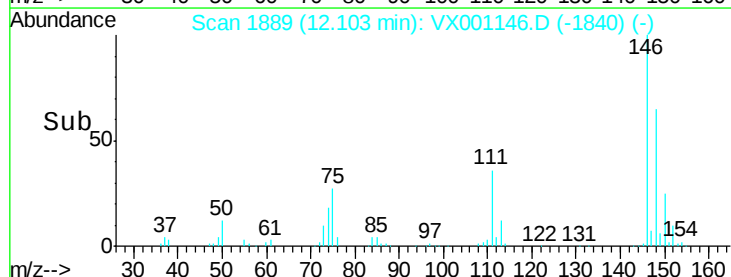
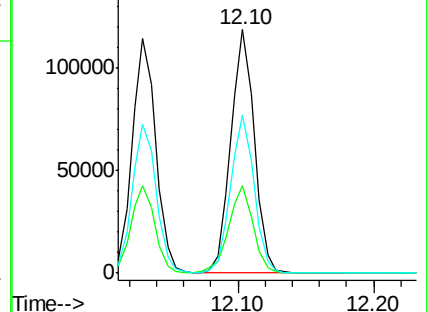
148 65.1 32.5 97.5

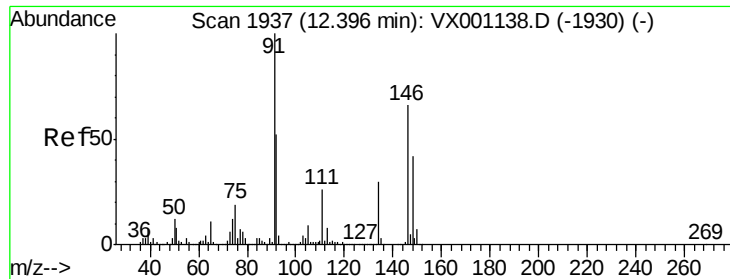


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.76 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

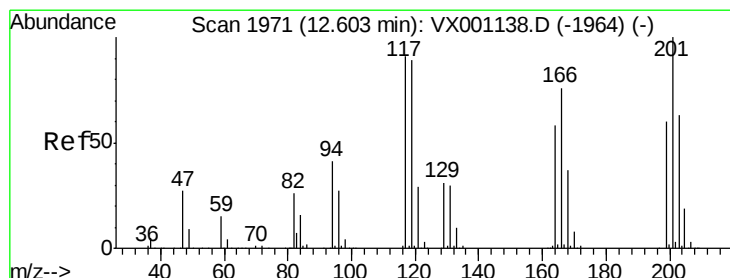
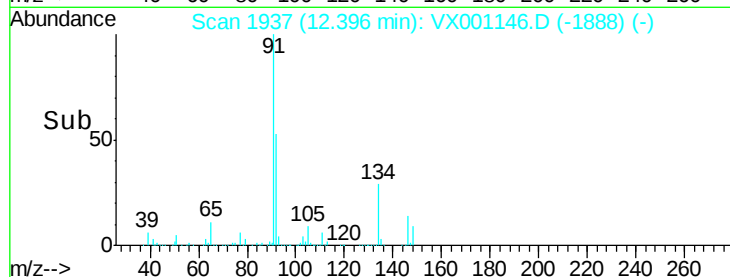
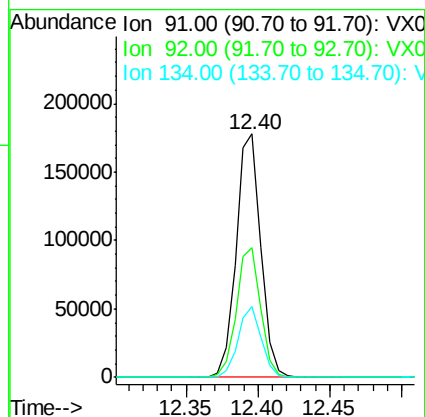
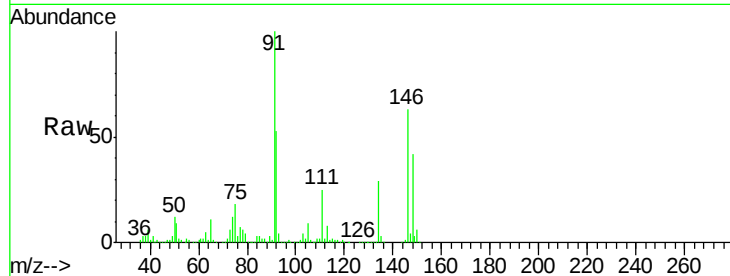
Tgt Ion: 91 Resp: 211942

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 27.8 14.1 42.3



#90

Hexachloroethane

Concen: 20.46 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001146.D

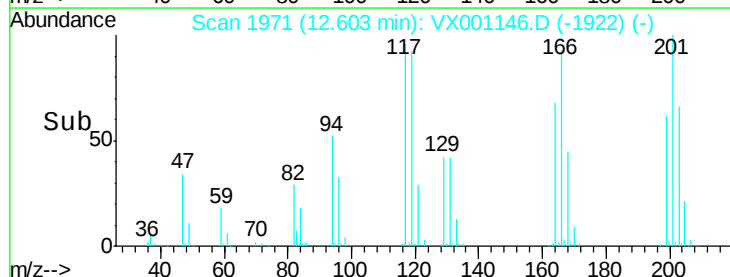
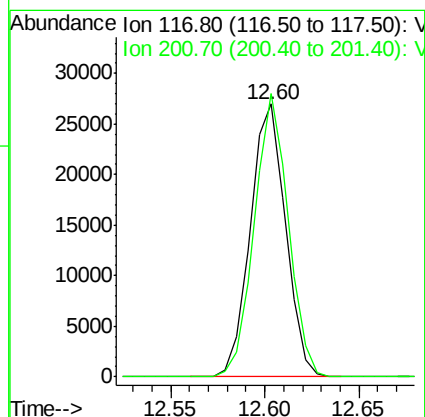
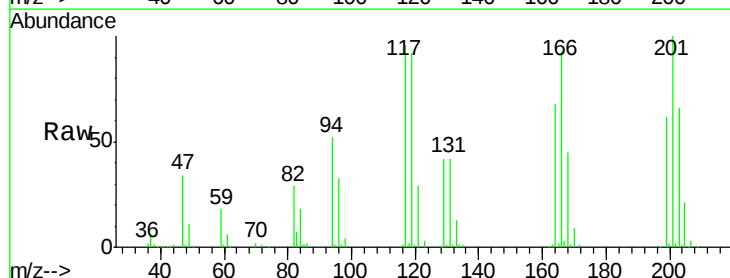
Acq: 26 Apr 2018 23:54

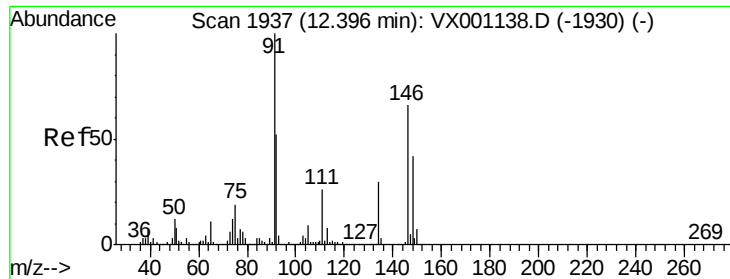
Tgt Ion: 117 Resp: 34887

Ion Ratio Lower Upper

117 100

201 100.0 51.8 155.4





#91

1,2-Dichlorobenzene

Concen: 20.48 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

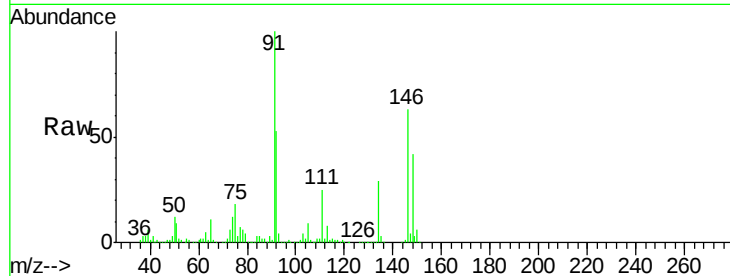
Tgt Ion: 146 Resp: 141601

Ion Ratio Lower Upper

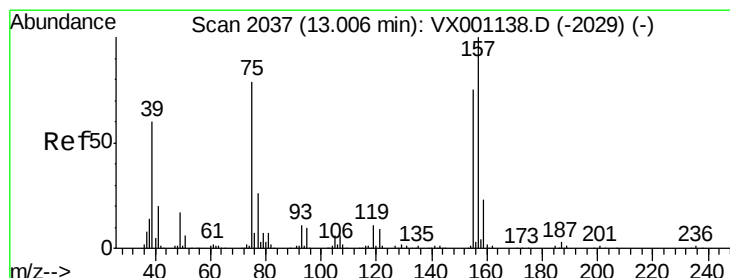
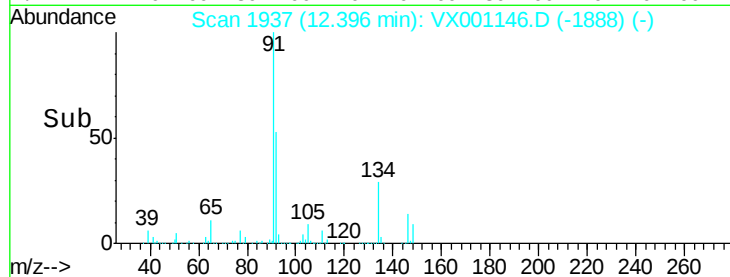
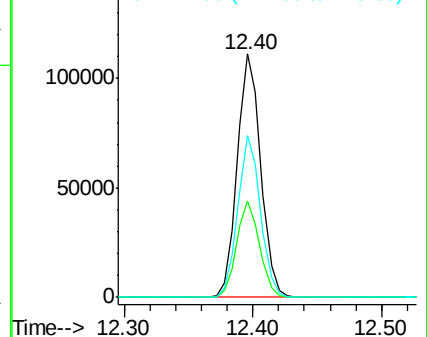
146 100

111 38.5 19.1 57.3

148 64.3 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.13 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

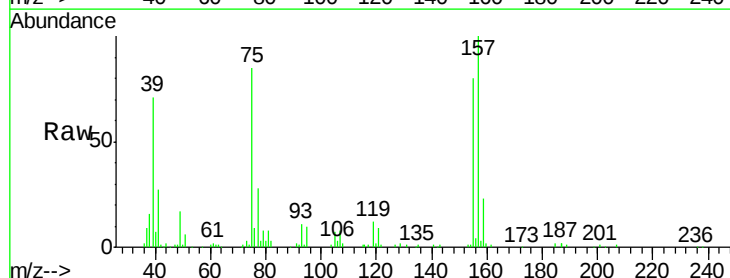
Tgt Ion: 75 Resp: 18937

Ion Ratio Lower Upper

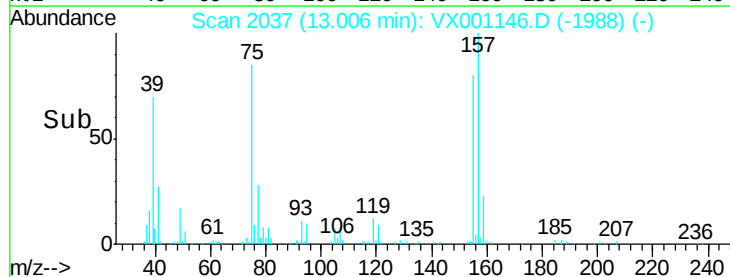
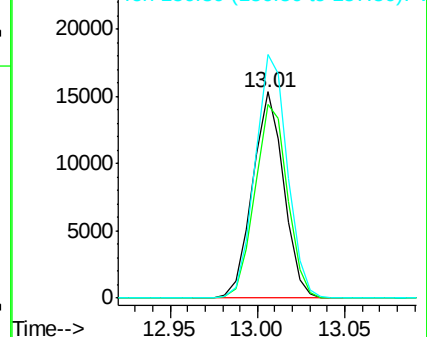
75 100

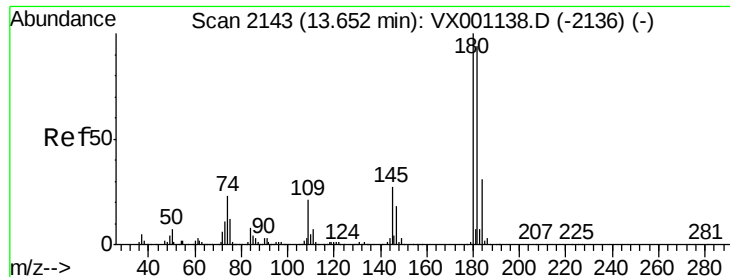
155 98.0 48.4 145.3

157 122.1 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

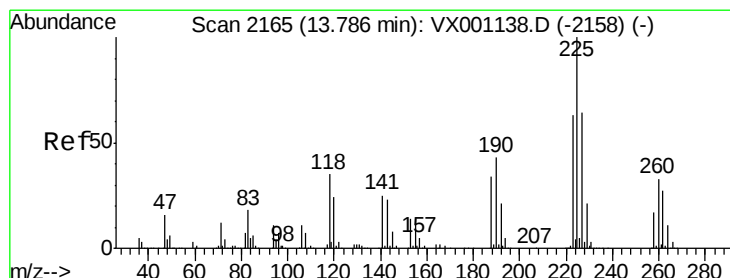
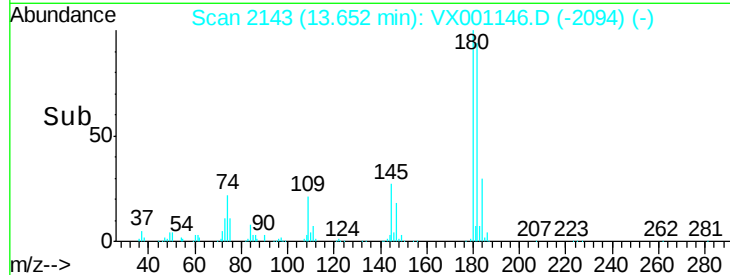
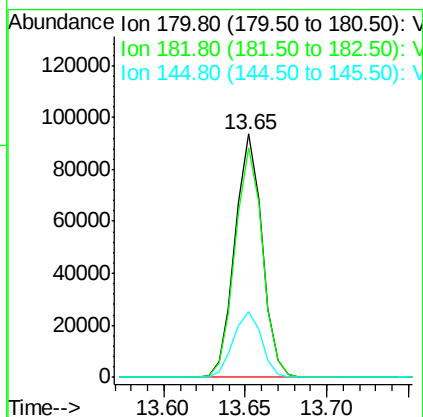
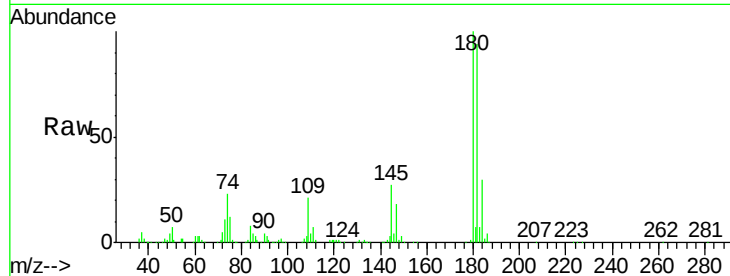




#93
 1,2,4-Trichlorobenzene
 Concen: 20.02 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

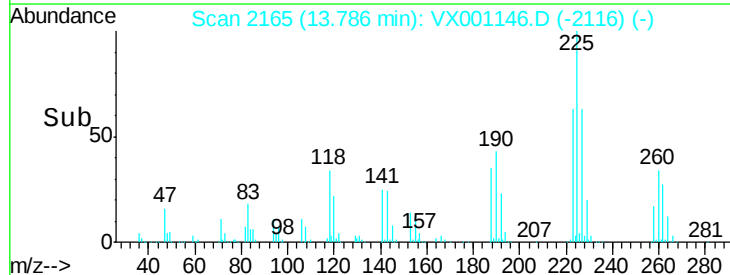
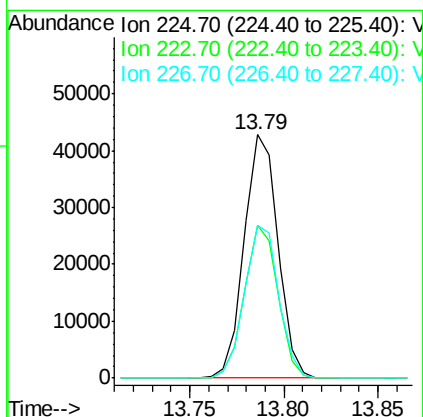
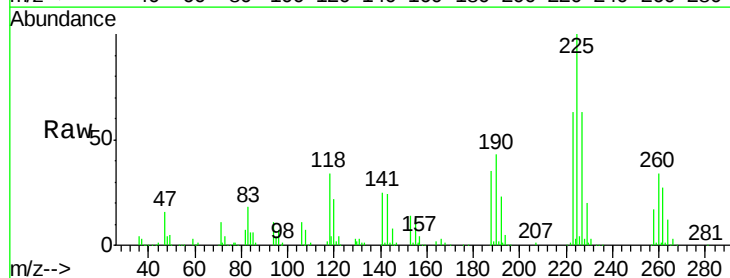
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD02

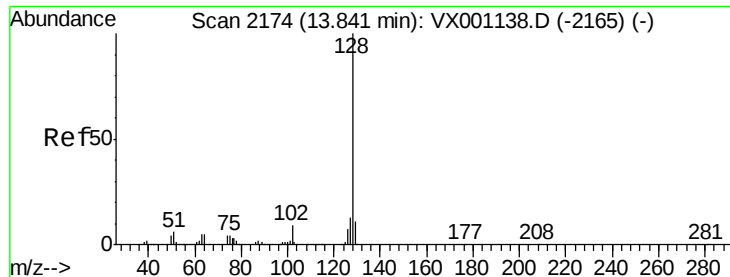
Tgt Ion:180 Resp: 108540
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 28.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 20.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001146.D
 Acq: 26 Apr 2018 23:54

Tgt Ion:225 Resp: 53223
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.9
 227 63.6 32.2 96.6





#95

Naphthalene

Concen: 20.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD02

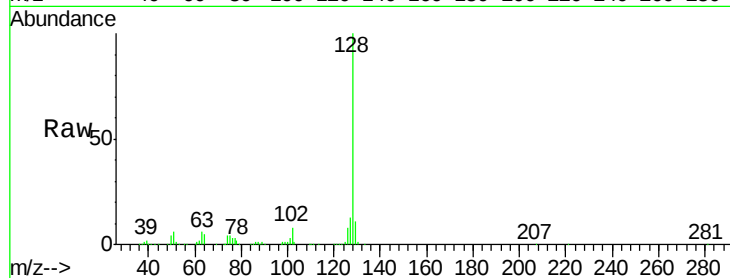
Tgt Ion:128 Resp: 311396

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

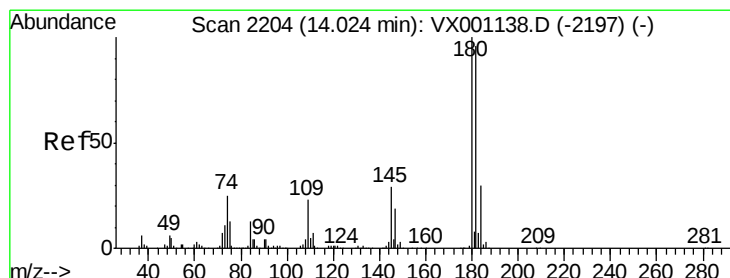
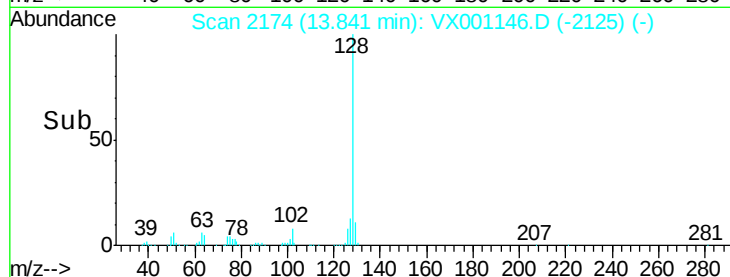
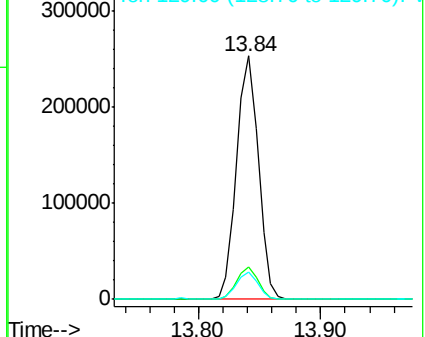
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.67 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001146.D

Acq: 26 Apr 2018 23:54

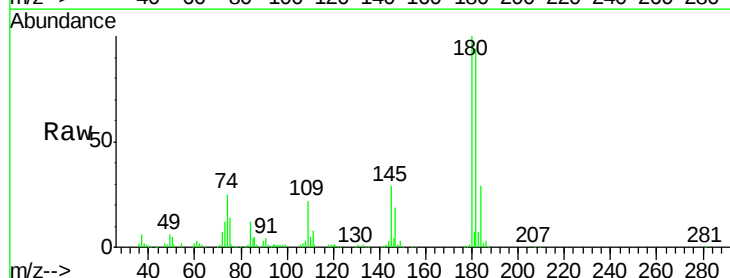
Tgt Ion:180 Resp: 111495

Ion Ratio Lower Upper

180 100

182 94.2 48.2 144.6

145 28.6 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

