

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001169.D
 Acq On : 27 Apr 2018 14:46
 Operator : JC/MD
 Sample : VX0427WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Quant Time: Apr 28 03:06:33 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	223426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142719	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	
35) Dibromofluoromethane	5.51	113	111481	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	8.72	98	426585	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	167869	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46723	19.940	ug/l	99
3) Chloromethane	1.32	50	46498	18.949	ug/l	100
4) Vinyl Chloride	1.40	62	48867	18.769	ug/l	97
5) Bromomethane	1.64	94	37924	22.585	ug/l	94
6) Chloroethane	1.73	64	30560	18.649	ug/l	96
7) Trichlorofluoromethane	1.93	101	84578	20.115	ug/l	96
8) Diethyl Ether	2.19	74	30139	18.642	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47456	20.484	ug/l	99
10) Methyl Iodide	2.51	142	33749	19.222	ug/l	100
11) Tert butyl alcohol	3.07	59	60176	88.108	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43111	19.081	ug/l	94
13) Acrolein	2.29	56	17136	66.369	ug/l	98
14) Allyl chloride	2.73	41	77870	18.893	ug/l	98
15) Acrylonitrile	3.15	53	128725	88.261	ug/l	100
16) Acetone	2.45	43	126757	89.000	ug/l	98
17) Carbon Disulfide	2.57	76	103728	17.993	ug/l	100
18) Methyl Acetate	2.78	43	65078	18.260	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	154843	18.617	ug/l	98
20) Methylene Chloride	2.86	84	47712	17.987	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	45750	18.318	ug/l	98
22) Diisopropyl ether	3.88	45	147768	17.918	ug/l	96
23) Vinyl Acetate	3.83	43	645472	92.261	ug/l	99
24) 1,1-Dichloroethane	3.70	63	83975	19.375	ug/l	99
25) 2-Butanone	4.71	43	182488	85.634	ug/l	100
26) 2,2-Dichloropropane	4.59	77	62819	18.413	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51265	18.747	ug/l	98
28) Bromochloromethane	5.03	49	38855	19.994	ug/l	99
29) Tetrahydrofuran	5.17	42	115169	84.056	ug/l	99
30) Chloroform	5.22	83	87415	18.966	ug/l	99
31) Cyclohexane	5.58	56	72248	19.620	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	75457	18.965	ug/l	98
36) 1,1-Dichloropropene	5.81	75	63527	19.686	ug/l	99
37) Ethyl Acetate	4.87	43	69870	18.080	ug/l	99
38) Carbon Tetrachloride	5.79	117	66649	20.142	ug/l	95

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 Sample : VX0427WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0427WBSD01

Quant Time: Apr 28 03:06:33 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	7.46	83	74543	20.872	ug/l	98
40) Benzene	6.15	78	189553	20.305	ug/l	97
41) Methacrylonitrile	5.07	41	39499	18.190	ug/l	97
42) 1,2-Dichloroethane	6.21	62	75338	20.027	ug/l	99
43) Isopropyl Acetate	6.48	43	113414	18.687	ug/l	99
44) Trichloroethene	7.22	130	57174	20.558	ug/l	95
45) 1,2-Dichloropropane	7.52	63	49174	20.028	ug/l	99
46) Dibromomethane	7.67	93	34963	20.564	ug/l	99
47) Bromodichloromethane	7.90	83	60918	19.720	ug/l	100
48) Methyl methacrylate	7.79	41	60409	18.725	ug/l	99
49) 1,4-Dioxane	7.76	88	23876	369.663	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	378972	95.058	ug/l	97
52) Toluene	8.79	92	125351	20.534	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	72433	20.169	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	67175	19.318	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51962	20.119	ug/l	98
56) Ethyl methacrylate	9.19	69	74018	19.342	ug/l	99
57) 1,3-Dichloropropane	9.38	76	83789	20.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	174565	96.494	ug/l	100
59) 2-Hexanone	9.50	43	287415	92.011	ug/l	99
60) Dibromochloromethane	9.59	129	52073	19.451	ug/l	100
61) 1,2-Dibromoethane	9.68	107	54521	20.149	ug/l	99
64) Tetrachloroethene	9.34	164	64178	21.372	ug/l	99
65) Chlorobenzene	10.15	112	147200	19.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52073	20.419	ug/l	99
67) Ethyl Benzene	10.26	91	246817	20.610	ug/l	99
68) m/p-Xylenes	10.37	106	193511	40.873	ug/l	99
69) o-Xylene	10.70	106	94741	20.631	ug/l	97
70) Styrene	10.72	104	154057	20.158	ug/l	99
71) Bromoform	10.86	173	40411	18.525	ug/l #	99
73) Isopropylbenzene	11.02	105	253897	20.282	ug/l	100
74) N-amyl acetate	6.48	43	113414	17.979	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76144	18.332	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84551	21.619	ug/l	88
77) Bromobenzene	11.26	156	73533	19.808	ug/l	99
78) n-propylbenzene	11.37	91	288992	20.703	ug/l	100
79) 2-Chlorotoluene	11.43	91	172259	19.907	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	214693	20.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16519	17.202	ug/l	88
82) 4-Chlorotoluene	11.52	91	205501	19.980	ug/l	100
83) tert-Butylbenzene	11.77	119	208716	19.733	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222981	20.468	ug/l	100
85) sec-Butylbenzene	11.95	105	254835	20.624	ug/l	99
86) p-Isopropyltoluene	12.07	119	234413	20.394	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135566	20.341	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138323	19.920	ug/l	99
89) n-Butylbenzene	12.40	91	200078	20.112	ug/l	100
90) Hexachloroethane	12.60	117	32628	19.780	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	134406	19.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15971	17.424	ug/l	96

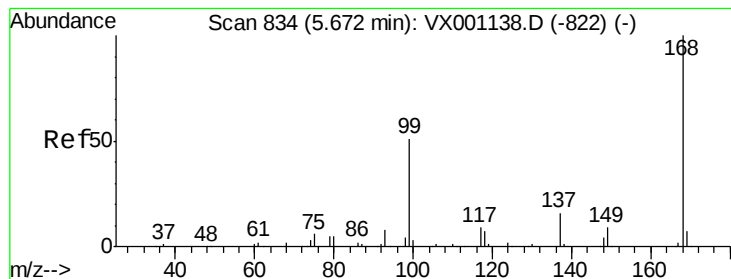
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
Data File : VX001169.D
Acq On : 27 Apr 2018 14:46
Operator : JC/MD
Sample : VX0427WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0427WBSD01

Quant Time: Apr 28 03:06:33 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	103780	19.653	ug/l	99
94) Hexachlorobutadiene	13.79	225	47191	19.012	ug/l	99
95) Naphthalene	13.84	128	277900	18.888	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103119	19.623	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

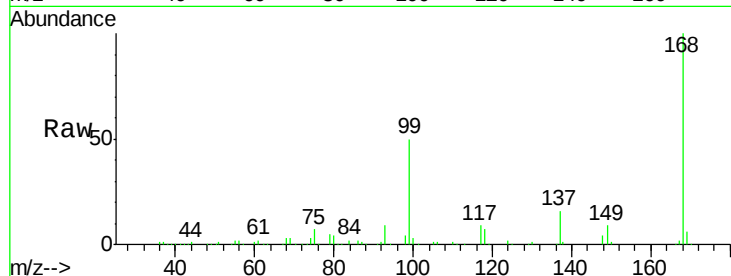
VX0427WBSD01

Tgt Ion: 168 Resp: 223426

Ion Ratio Lower Upper

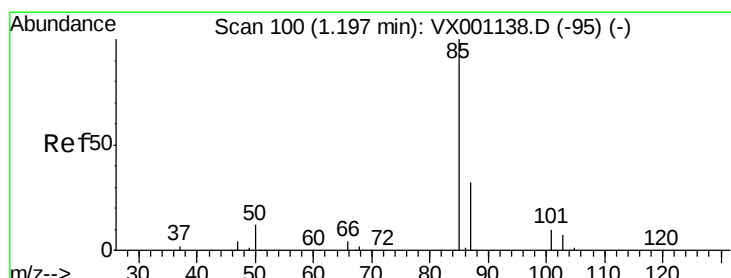
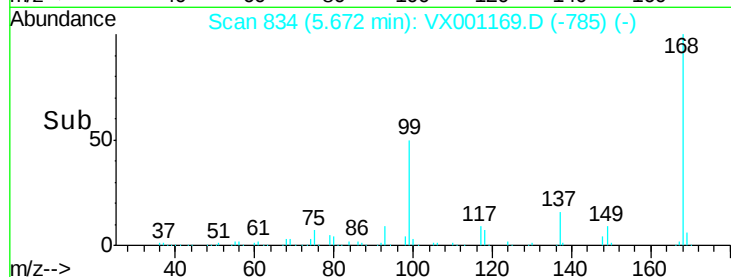
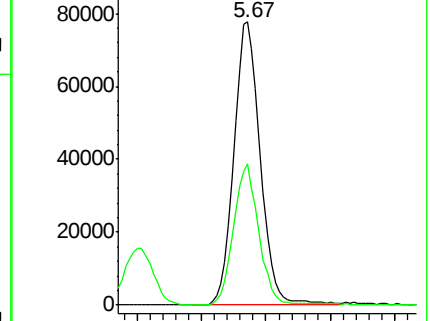
168 100

99 49.9 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: 19.940 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001169.D

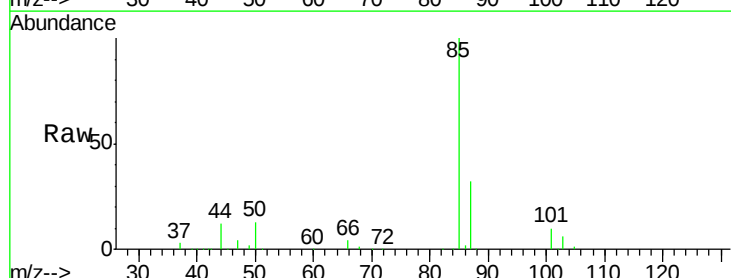
Acq: 27 Apr 2018 14:46

Tgt Ion: 85 Resp: 46723

Ion Ratio Lower Upper

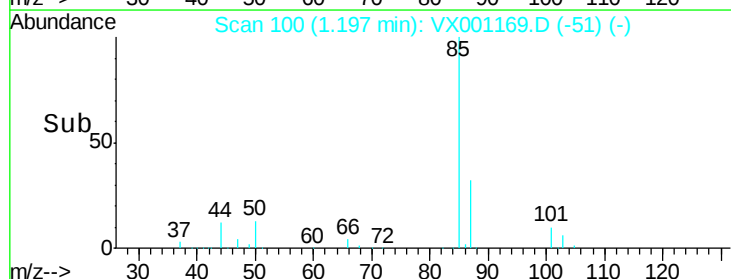
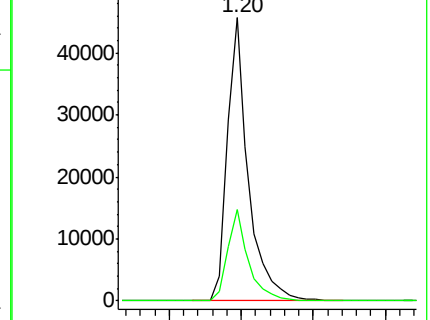
85 100

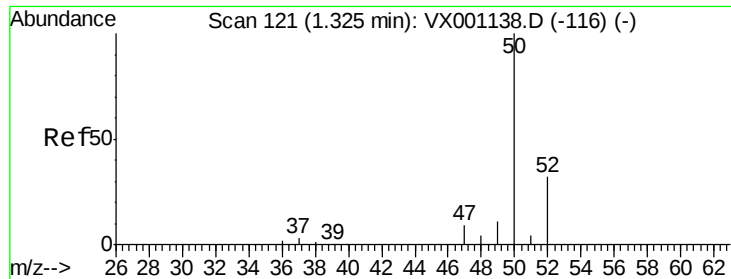
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

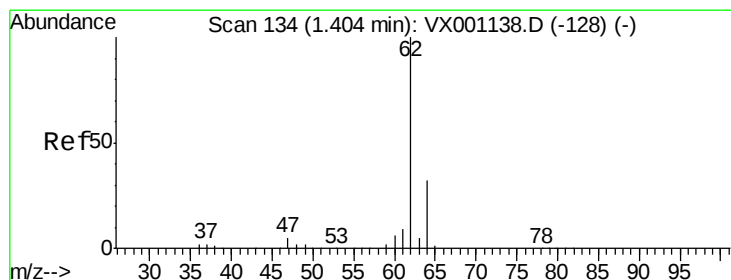
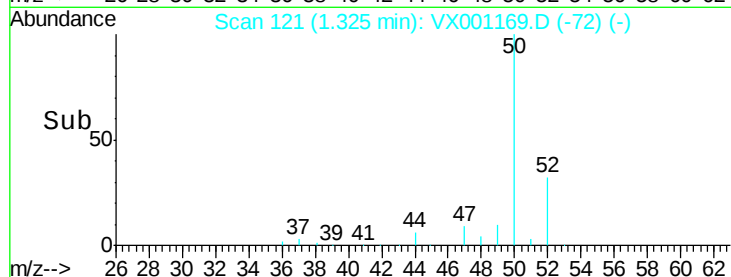
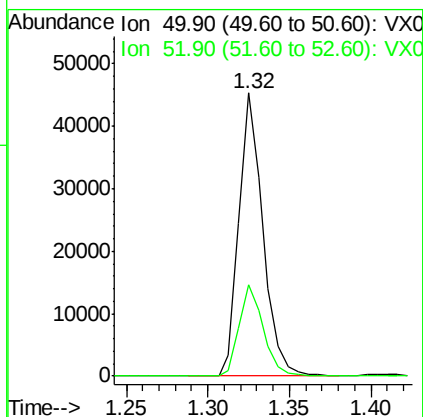
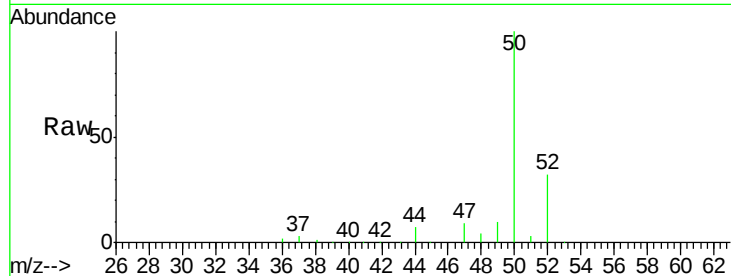




#3
Chloromethane
Concen: 18.949 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

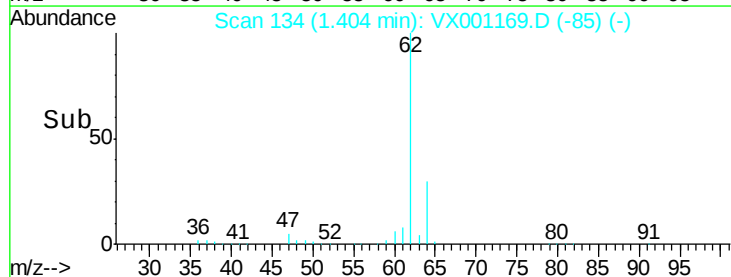
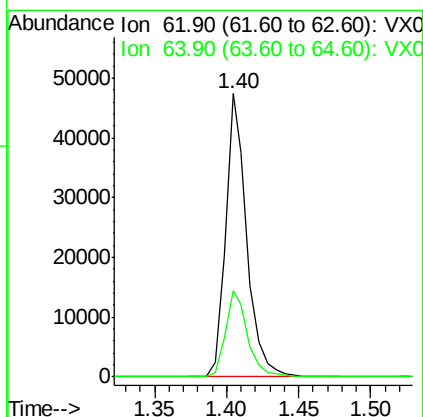
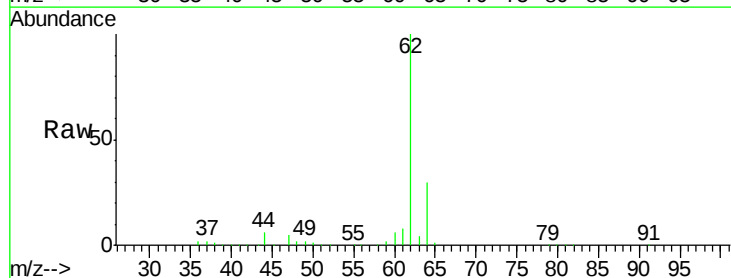
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

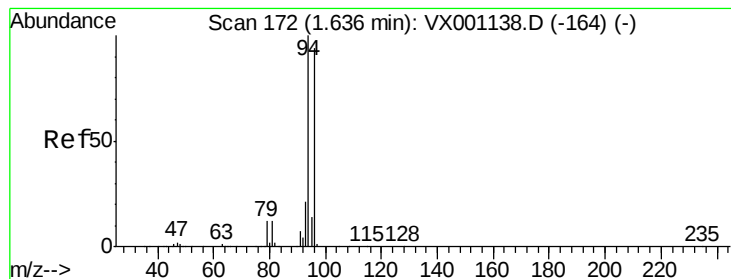
Tgt Ion: 50 Resp: 46498
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 18.769 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 62 Resp: 48867
Ion Ratio Lower Upper
62 100
64 30.4 25.6 38.4





#5

Bromomethane

Concen: 22.585 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

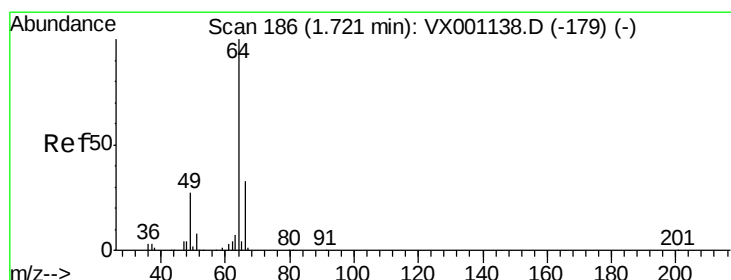
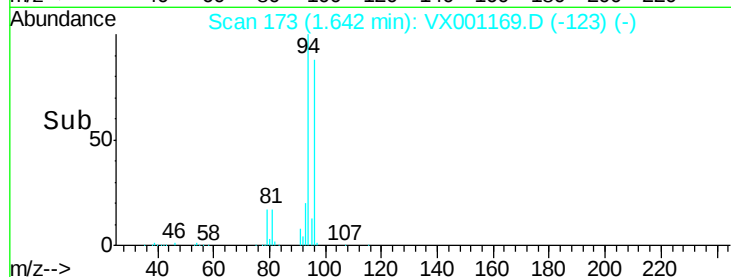
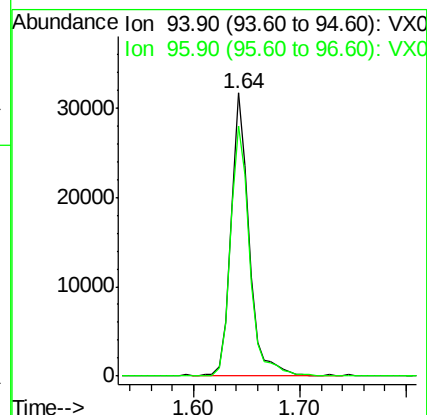
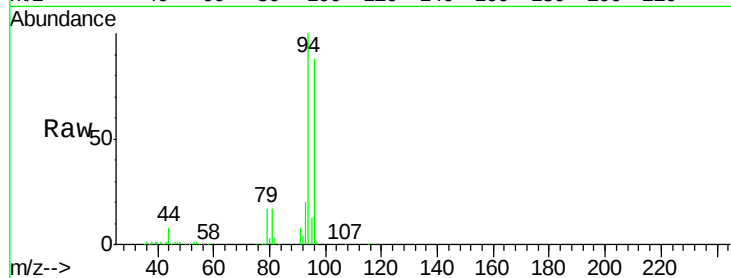
VX0427WBSD01

Tgt Ion: 94 Resp: 37924

Ion Ratio Lower Upper

94 100

96 88.0 75.3 112.9



#6

Chloroethane

Concen: 18.649 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001169.D

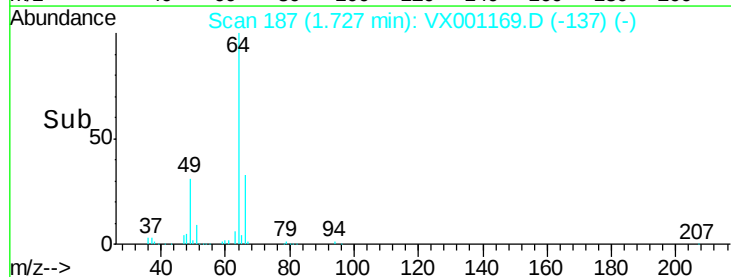
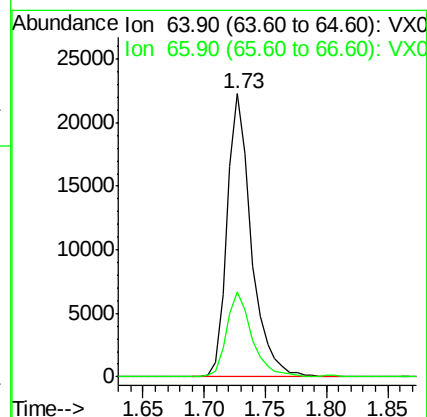
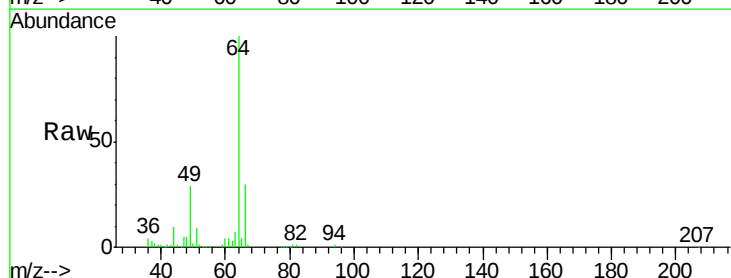
Acq: 27 Apr 2018 14:46

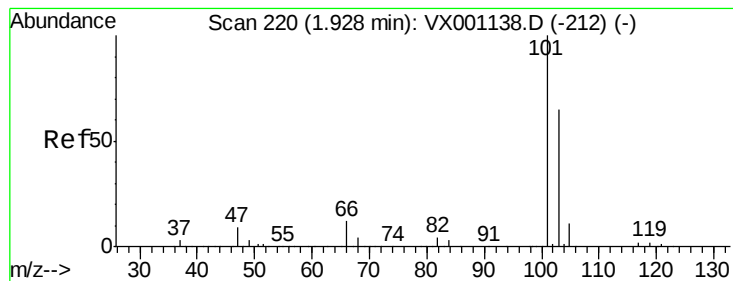
Tgt Ion: 64 Resp: 30560

Ion Ratio Lower Upper

64 100

66 30.2 26.1 39.1



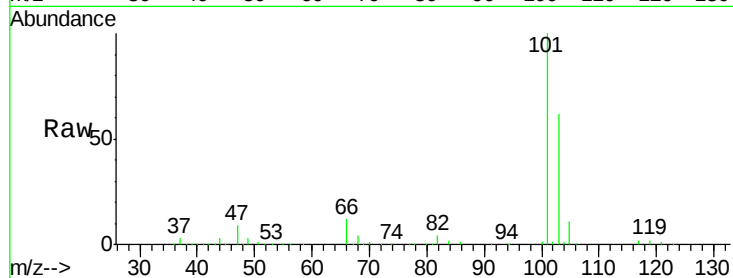


#7

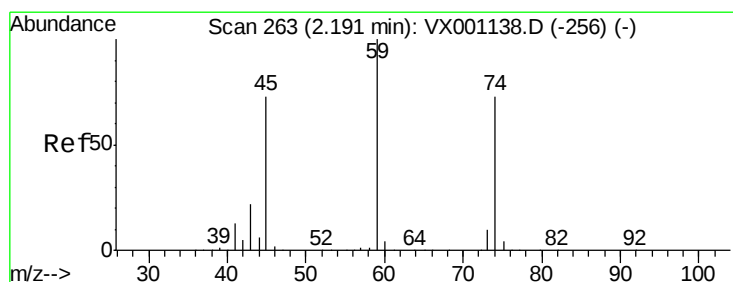
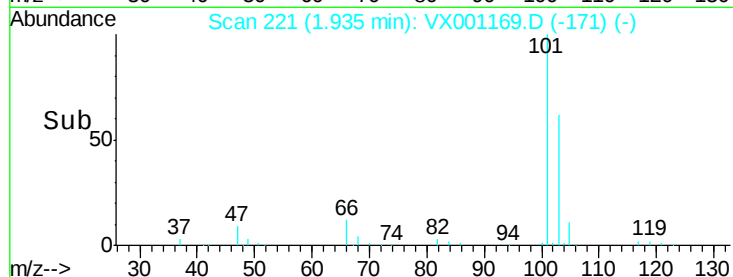
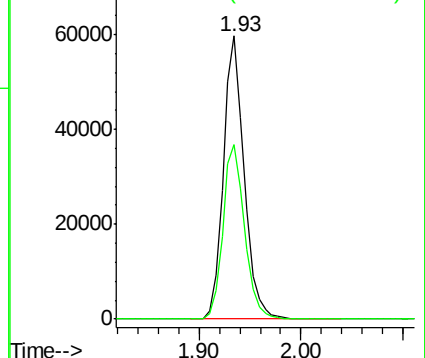
Trichlorofluoromethane
 Concen: 20.115 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tgt Ion: 101 Resp: 84578
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.9 77.9



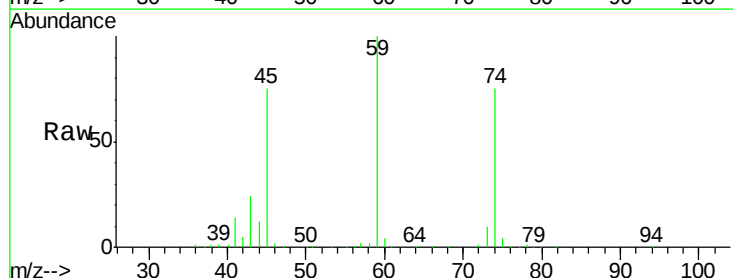
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



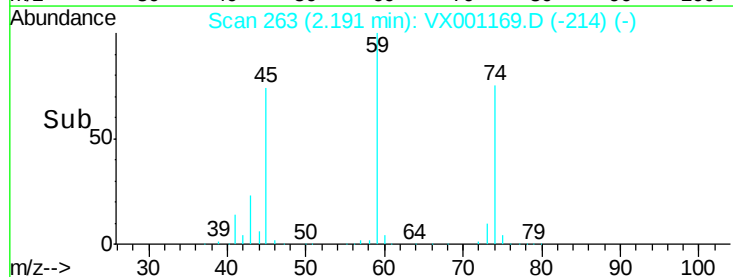
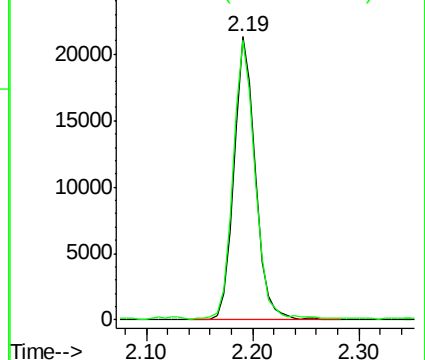
#8

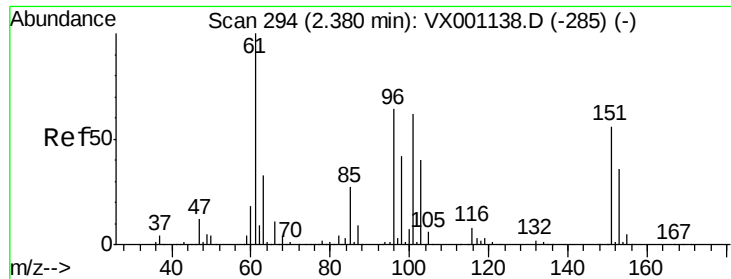
Diethyl Ether
 Concen: 18.642 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 74 Resp: 30139
 Ion Ratio Lower Upper
 74 100
 45 100.7 49.5 148.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.484 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

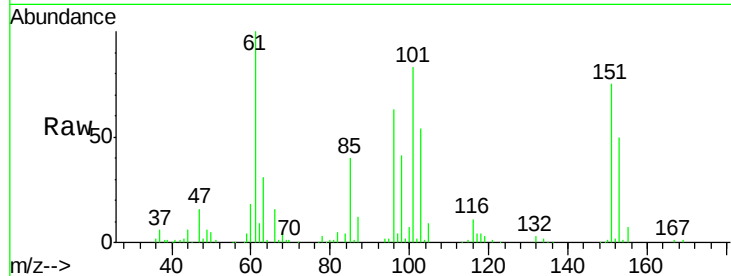
Tgt Ion:101 Resp: 47456

Ion Ratio Lower Upper

101 100

85 45.3 35.4 53.0

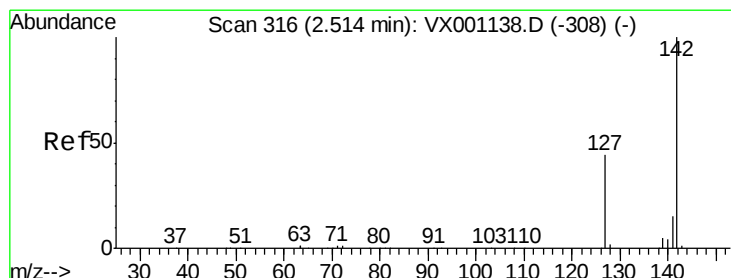
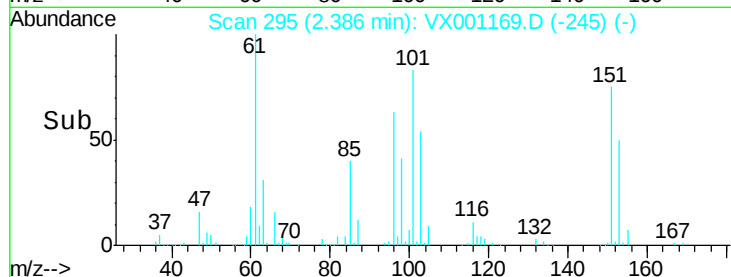
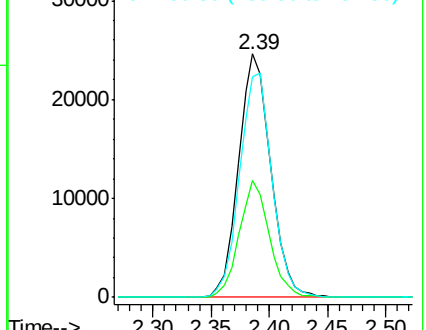
151 93.0 74.2 111.4



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: 19.222 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

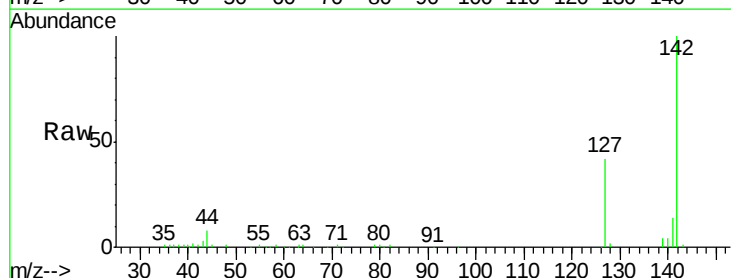
Tgt Ion:142 Resp: 33749

Ion Ratio Lower Upper

142 100

127 43.3 34.7 52.1

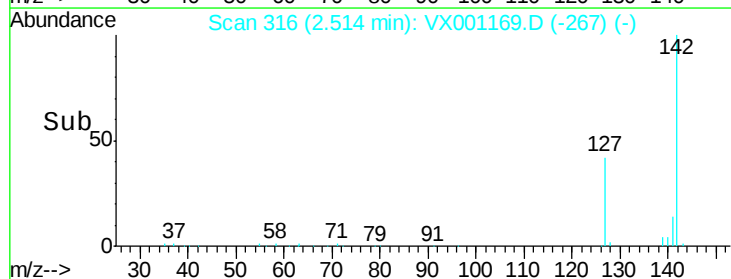
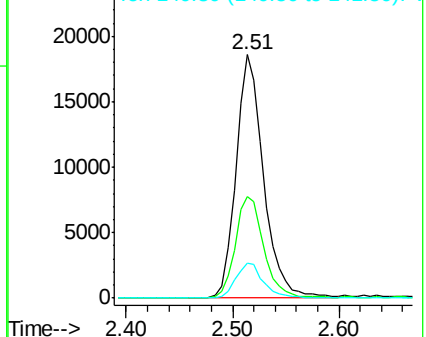
141 14.3 11.6 17.4

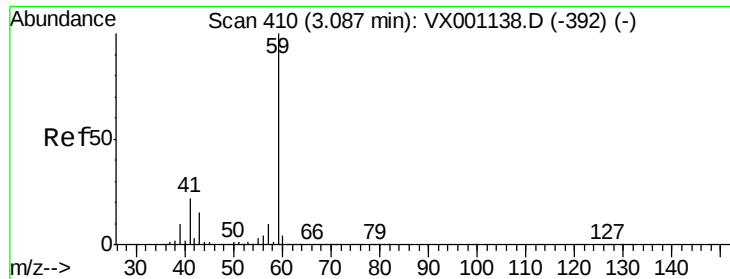


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



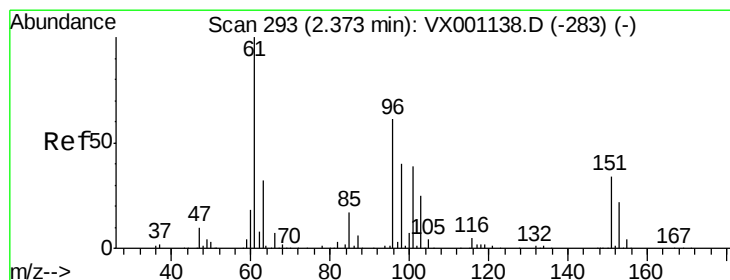
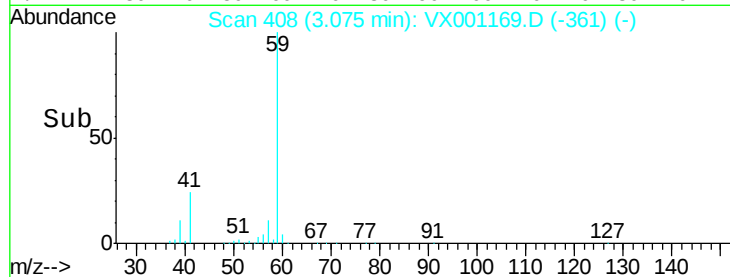
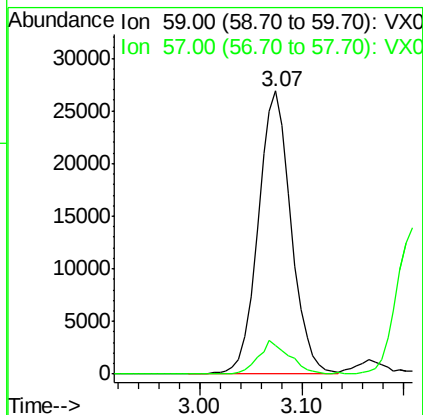
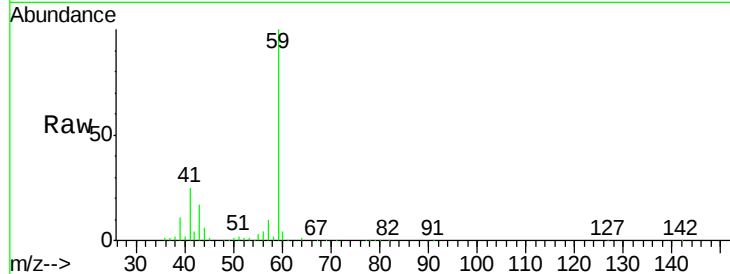


#11

Tert butyl alcohol
 Concen: 88.108 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

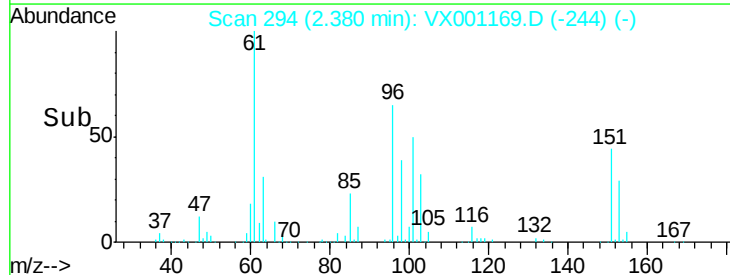
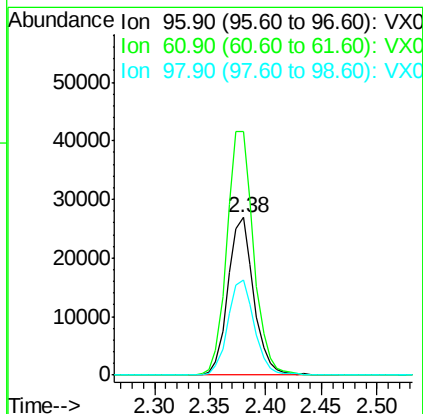
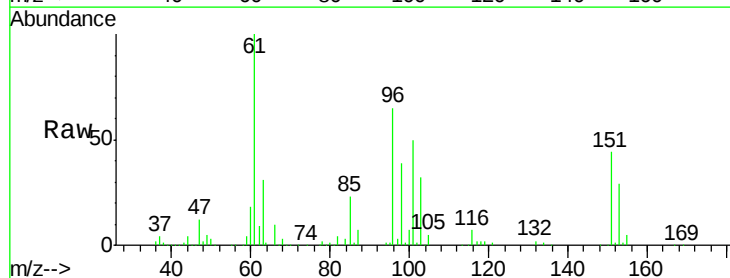
Tgt Ion: 59 Resp: 60176
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.4

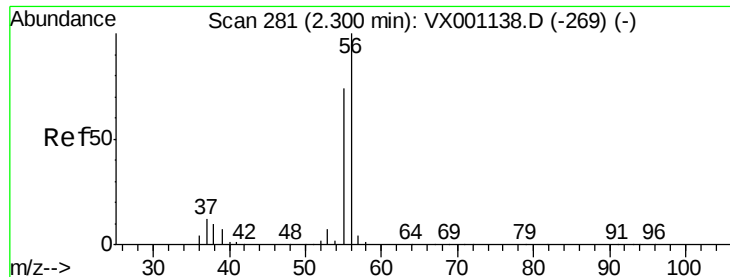


#12

1,1-Dichloroethene
 Concen: 19.081 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 96 Resp: 43111
 Ion Ratio Lower Upper
 96 100
 61 154.7 130.2 195.4
 98 60.3 51.5 77.3





#13

Acrolein

Concen: 66.369 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

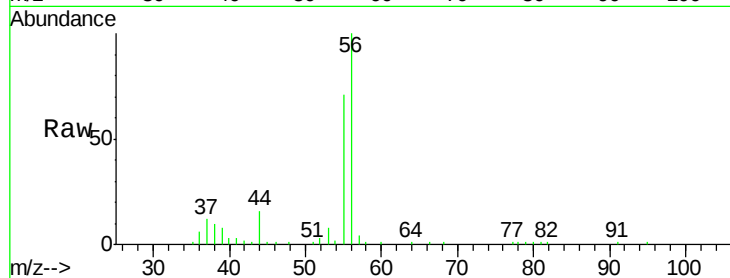
VX0427WBSD01

Tgt Ion: 56 Resp: 17136

Ion Ratio Lower Upper

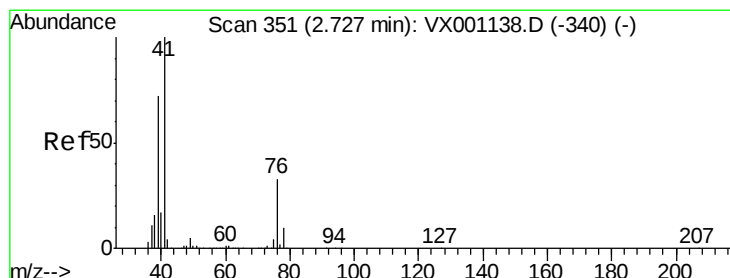
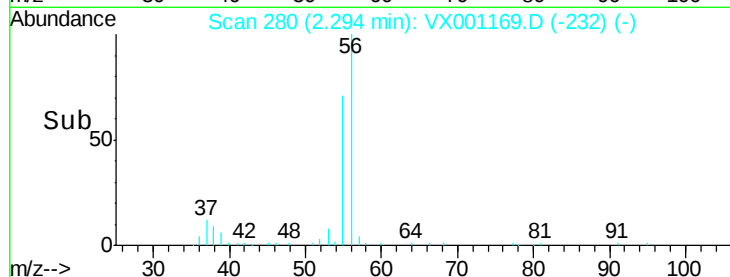
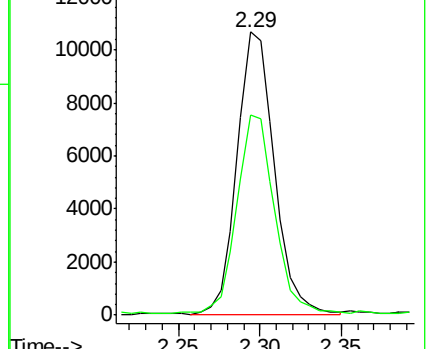
56 100

55 69.7 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.893 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

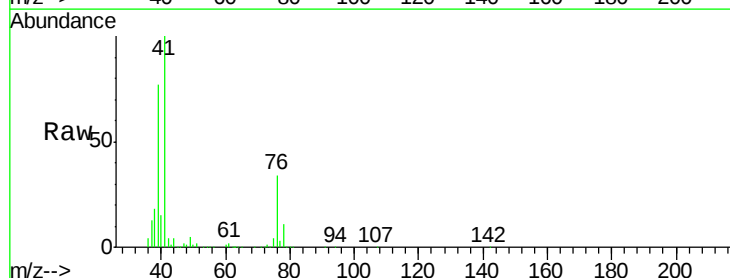
Tgt Ion: 41 Resp: 77870

Ion Ratio Lower Upper

41 100

39 72.1 55.6 83.4

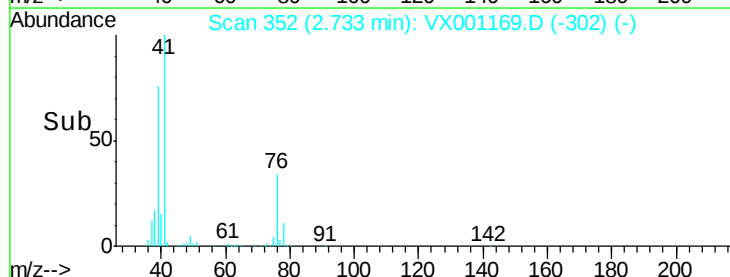
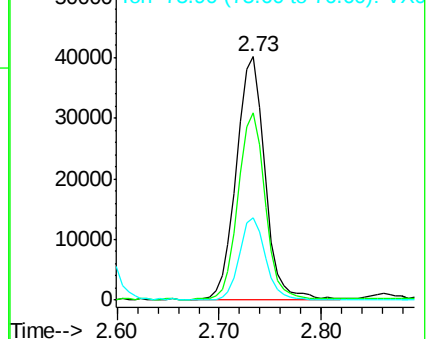
76 30.8 24.8 37.2

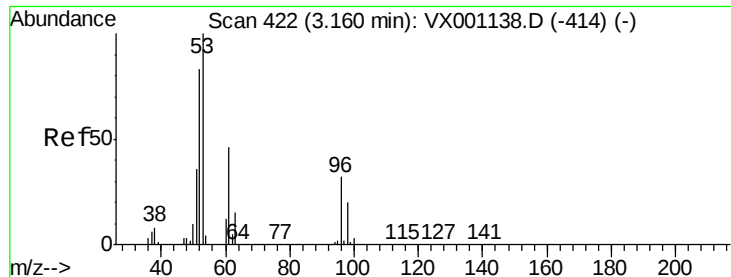


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

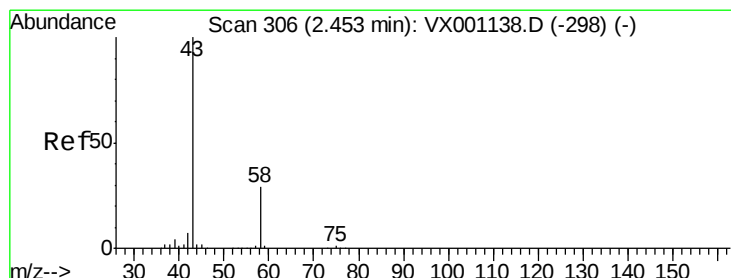
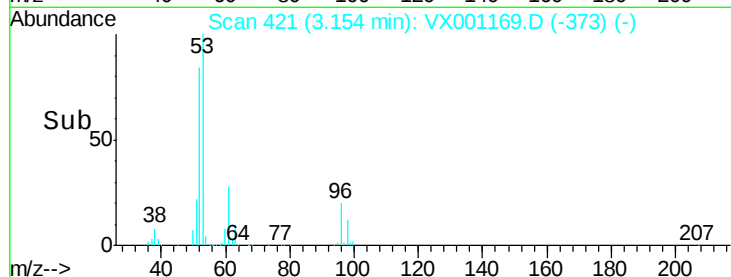
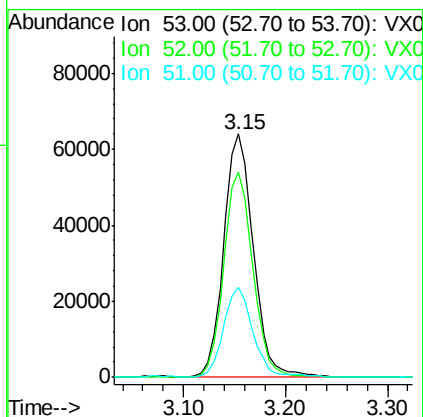
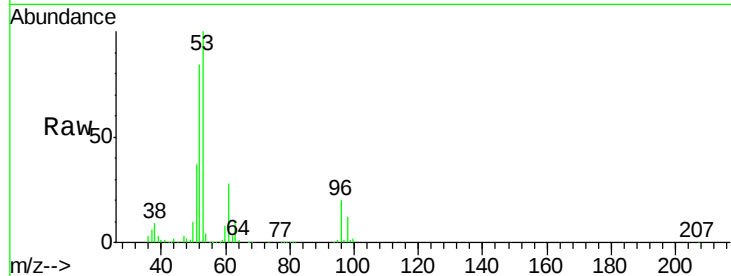




#15
 Acrylonitrile
 Concen: 88.261 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

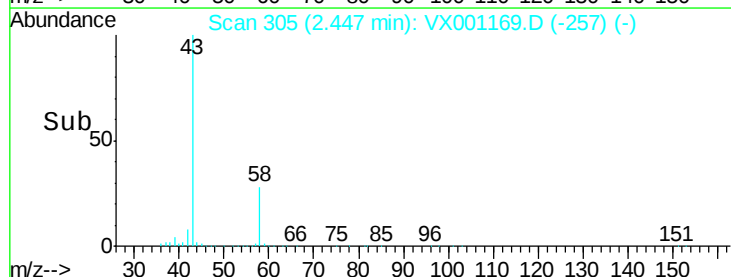
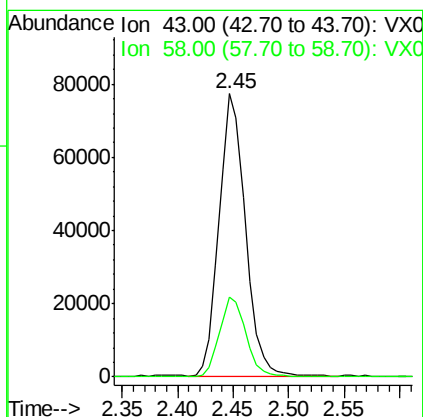
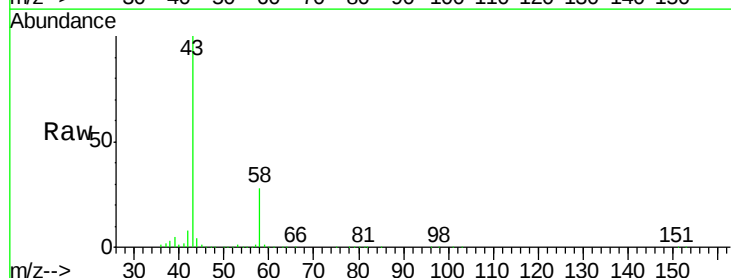
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

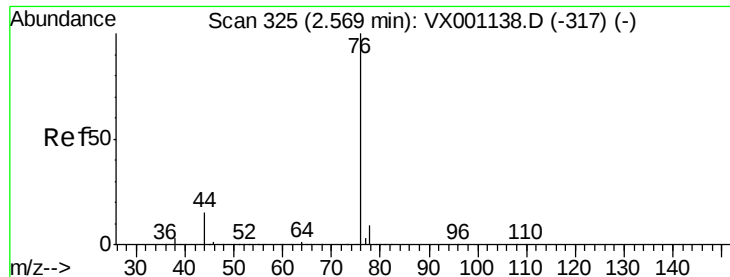
Tgt Ion: 53 Resp: 128725
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.5 99.7
 51 36.6 29.5 44.3



#16
 Acetone
 Concen: 89.000 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 43 Resp: 126757
 Ion Ratio Lower Upper
 43 100
 58 28.0 23.0 34.6

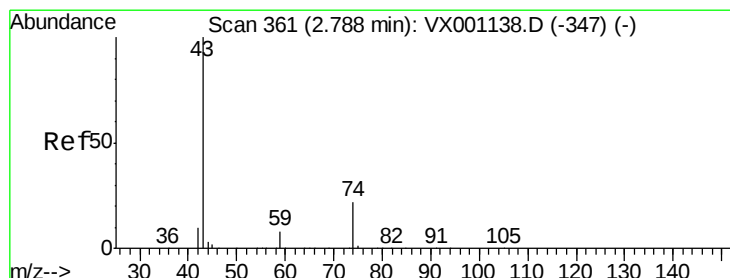
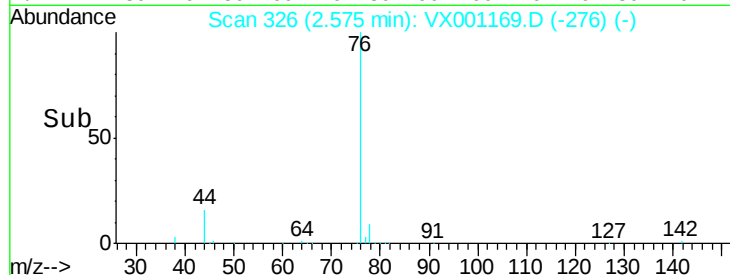
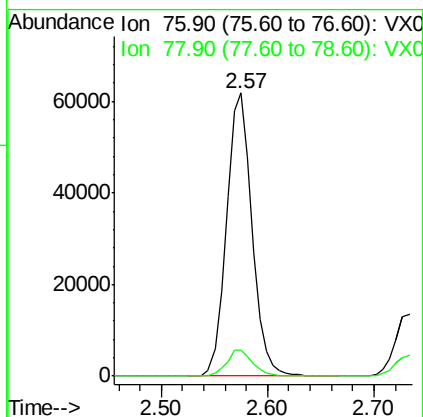
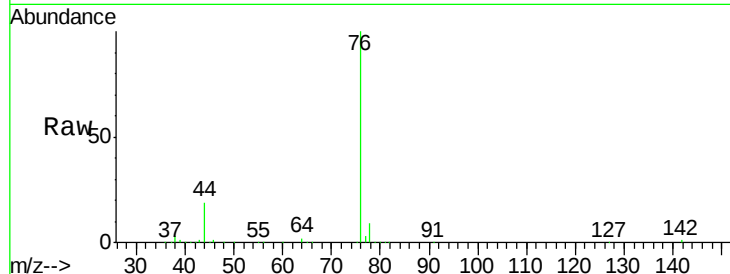




#17
Carbon Disulfide
Concen: 17.993 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

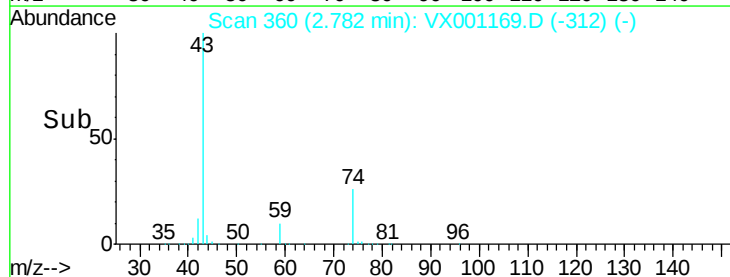
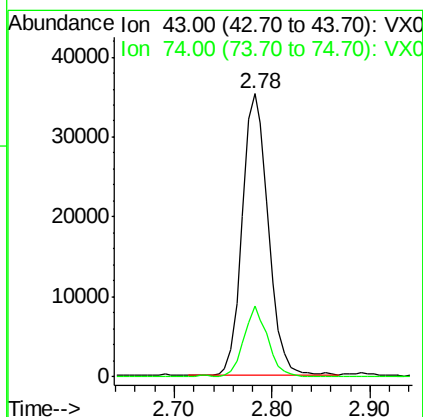
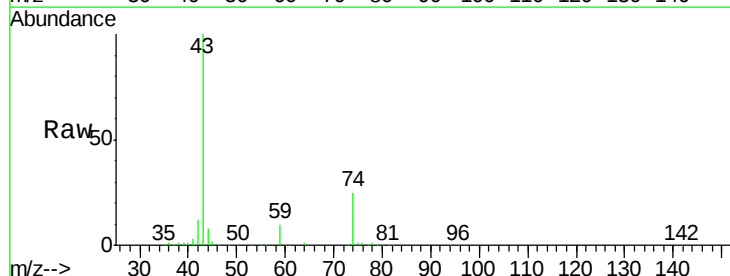
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

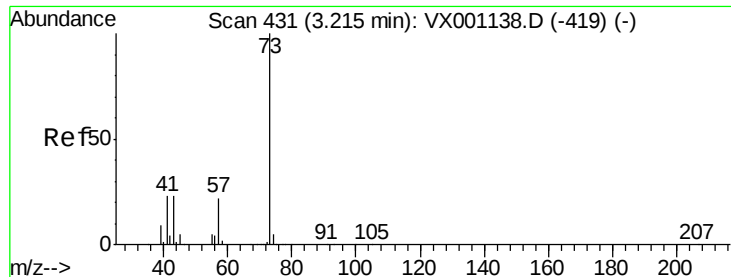
Tgt Ion: 76 Resp: 103728
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 18.260 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 43 Resp: 65078
Ion Ratio Lower Upper
43 100
74 22.7 18.1 27.1





#19

Methyl tert-butyl Ether

Concen: 18.617 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

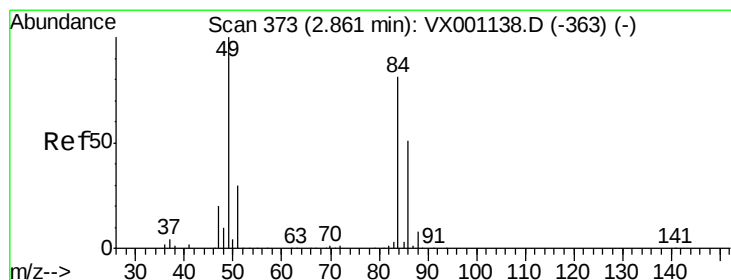
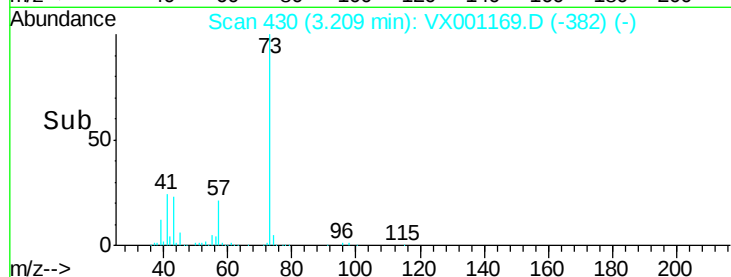
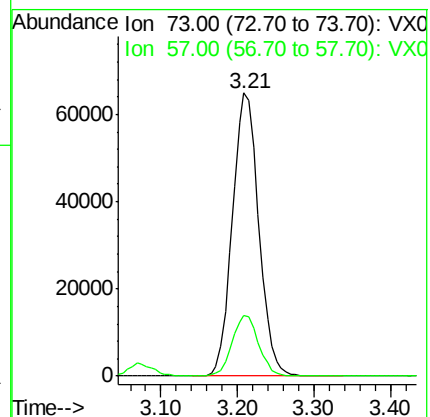
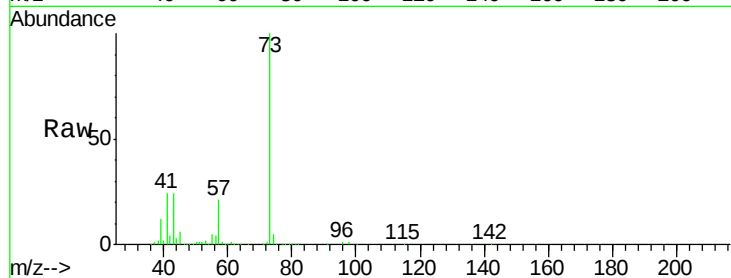
VX0427WBSD01

Tgt Ion: 73 Resp: 154843

Ion Ratio Lower Upper

73 100

57 21.3 17.7 26.5



#20

Methylene Chloride

Concen: 17.987 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion: 84 Resp: 47712

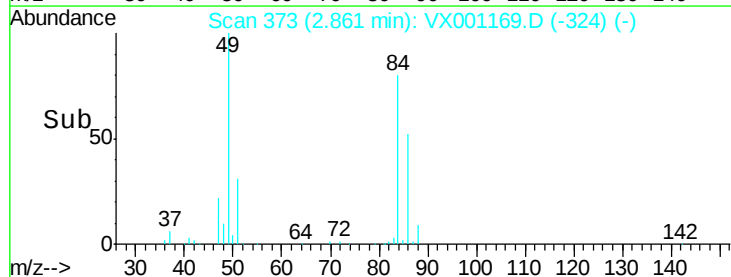
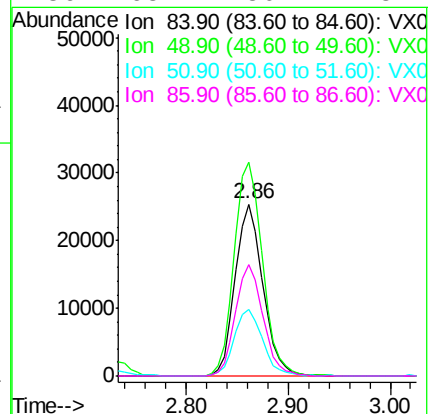
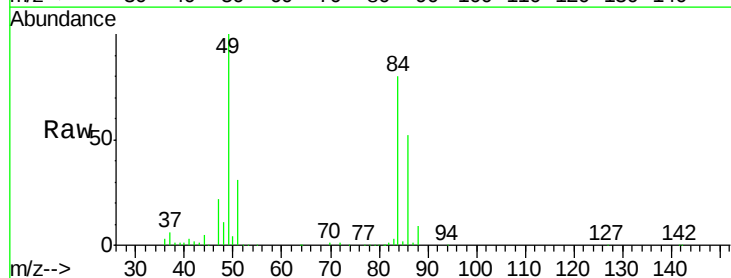
Ion Ratio Lower Upper

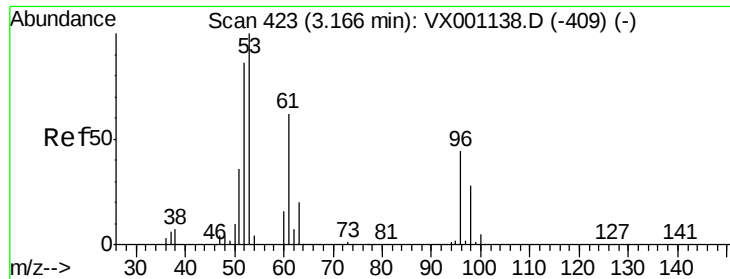
84 100

49 124.3 99.2 148.8

51 38.4 29.5 44.3

86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.318 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

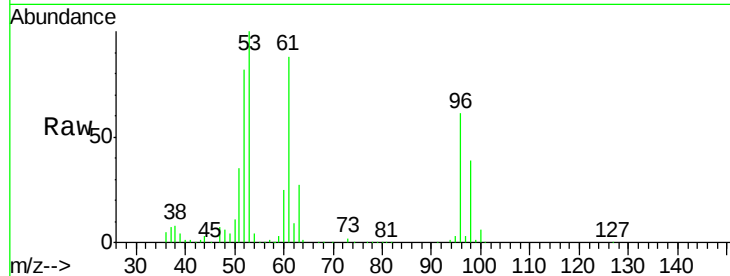
Tgt Ion: 96 Resp: 45750

Ion Ratio Lower Upper

96 100

61 143.7 111.9 167.9

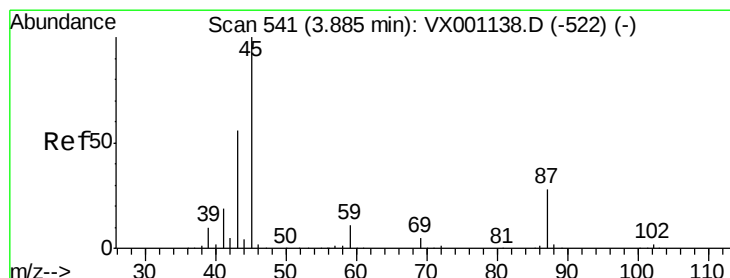
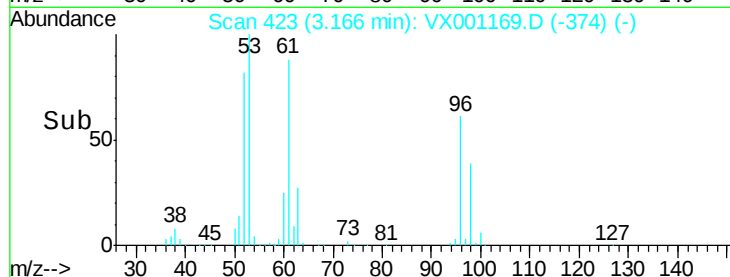
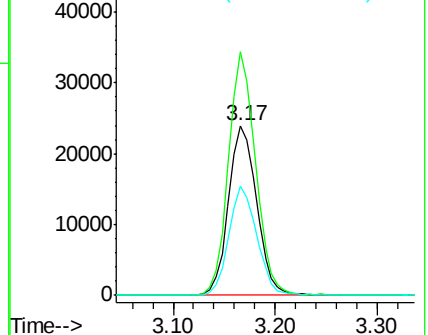
98 64.5 51.1 76.7



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: 17.918 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion: 45 Resp: 147768

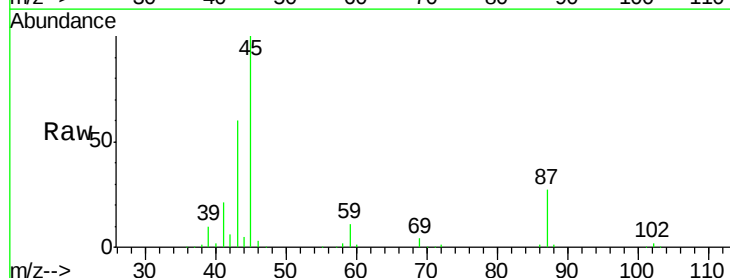
Ion Ratio Lower Upper

45 100

43 59.6 45.0 67.4

87 26.9 22.8 34.2

59 10.6 9.0 13.6

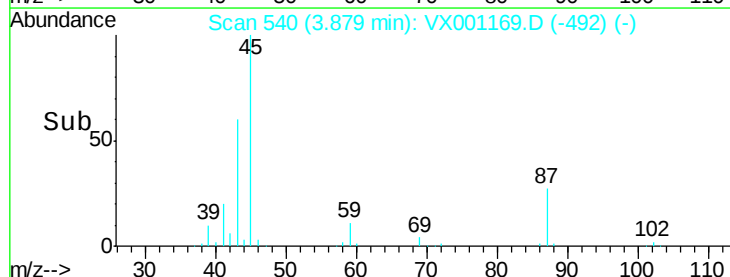
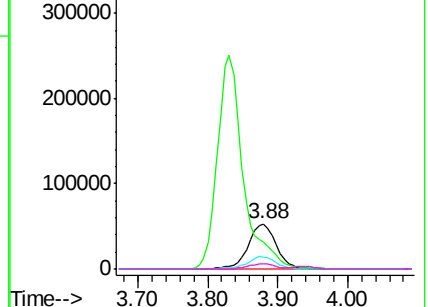


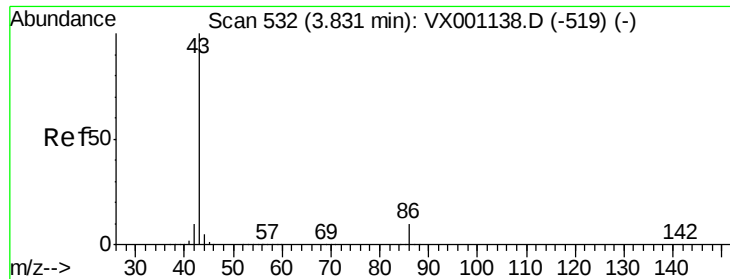
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 92.261 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

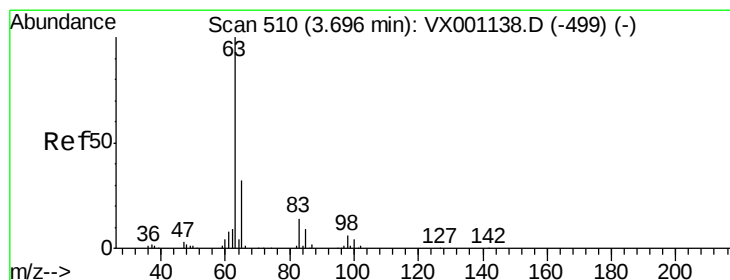
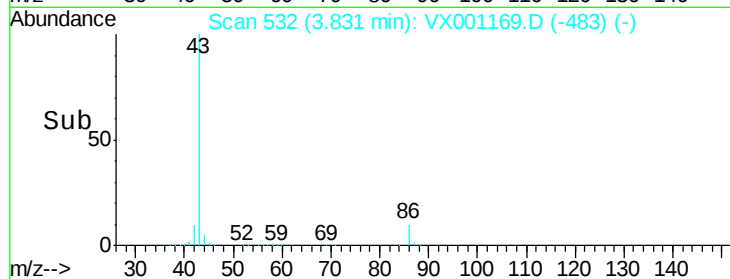
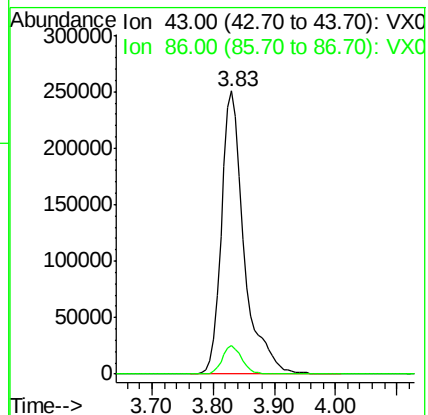
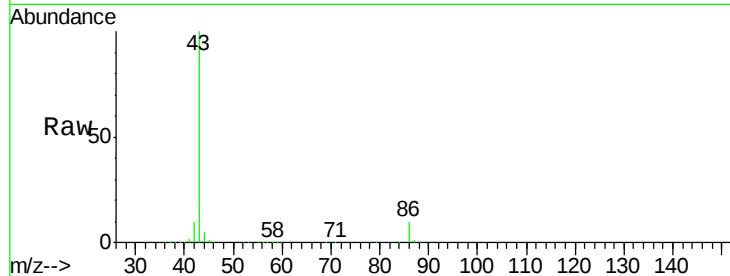
VX0427WBSD01

Tgt Ion: 43 Resp: 645472

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



#24

1,1-Dichloroethane

Concen: 19.375 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

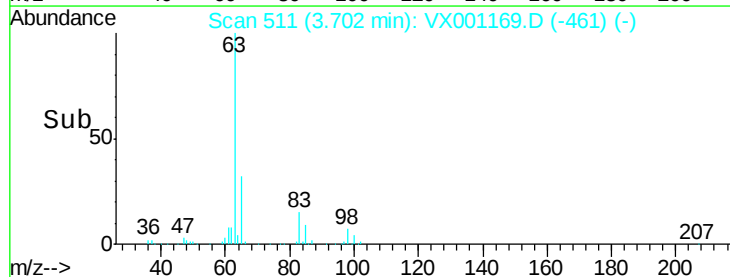
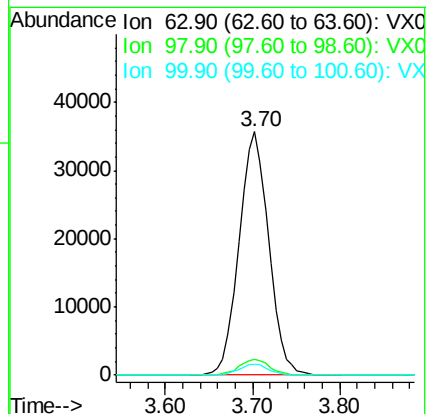
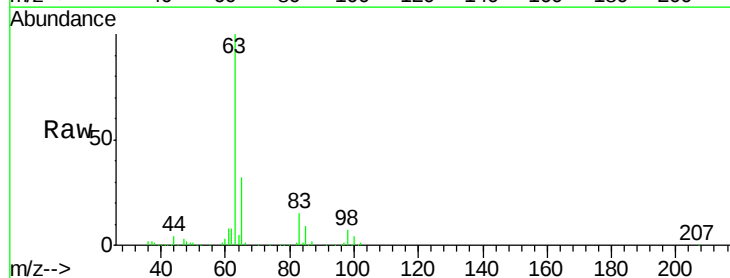
Tgt Ion: 63 Resp: 83975

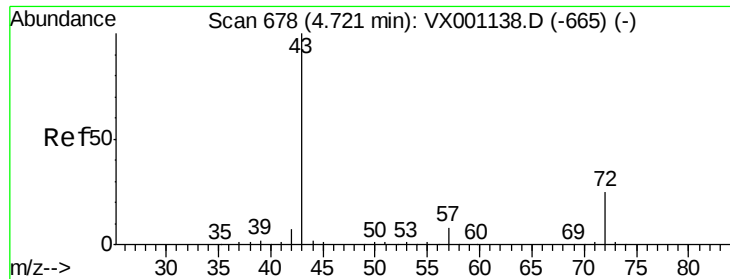
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 85.634 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

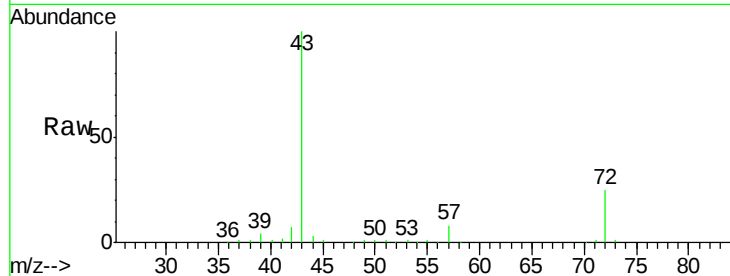
VX0427WBSD01

Tgt Ion: 43 Resp: 182488

Ion Ratio Lower Upper

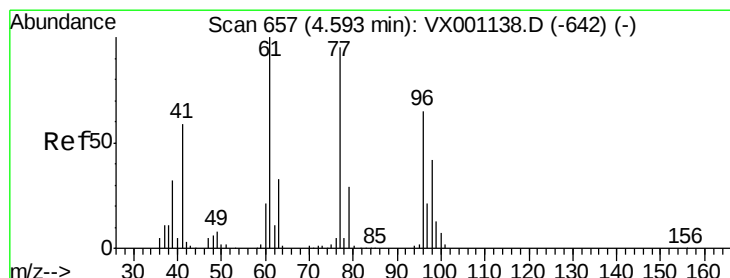
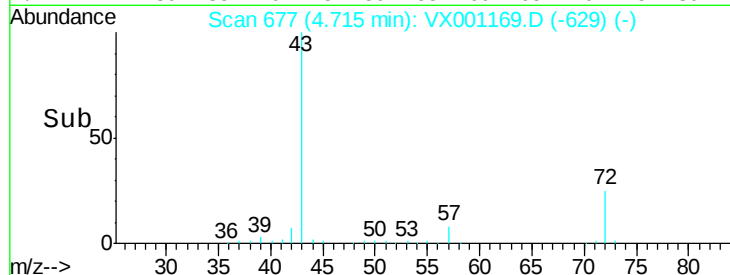
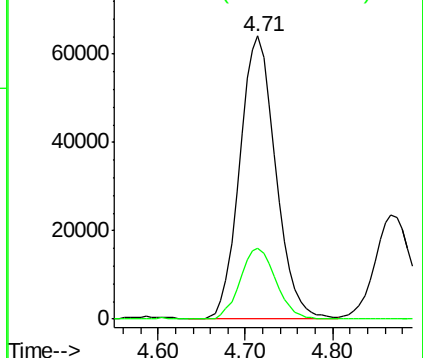
43 100

72 25.0 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: 18.413 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001169.D

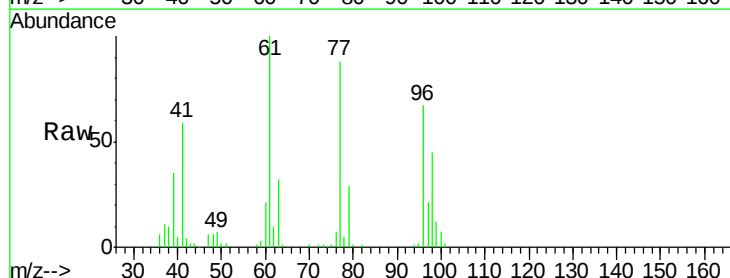
Acq: 27 Apr 2018 14:46

Tgt Ion: 77 Resp: 62819

Ion Ratio Lower Upper

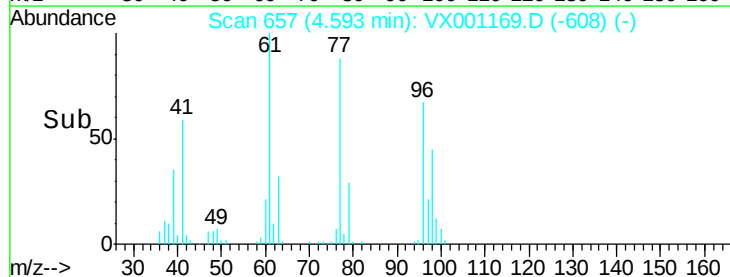
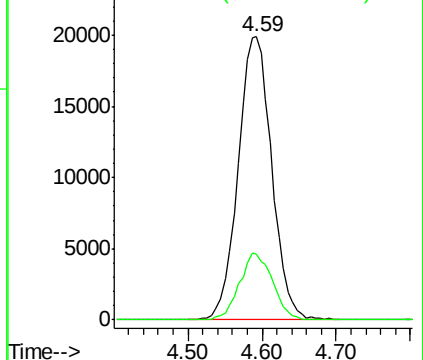
77 100

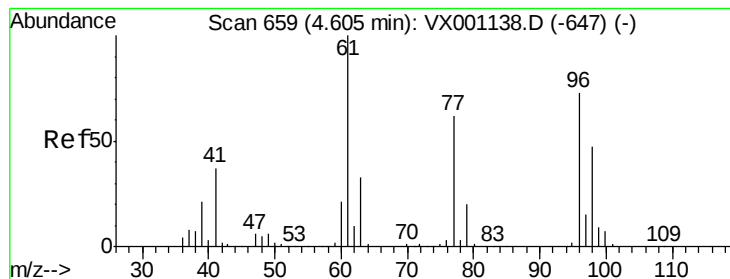
97 23.1 11.4 34.2



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: 18.747 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

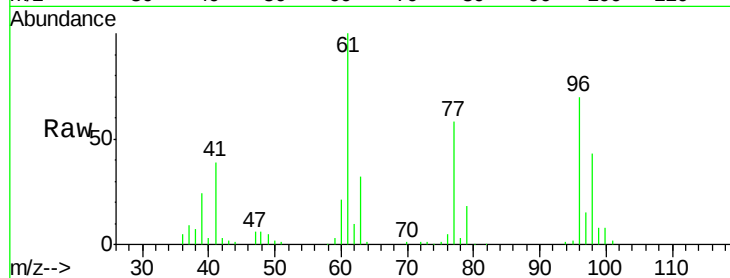
Tgt Ion: 96 Resp: 51265

Ion Ratio Lower Upper

96 100

61 146.9 0.0 289.0

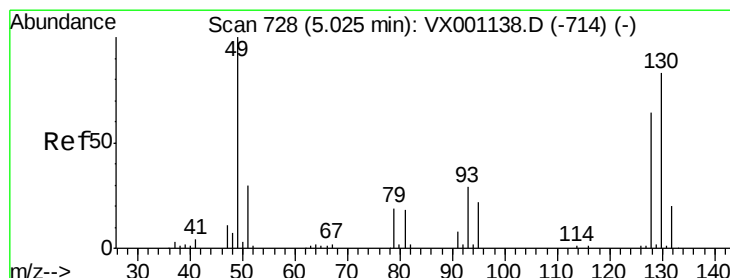
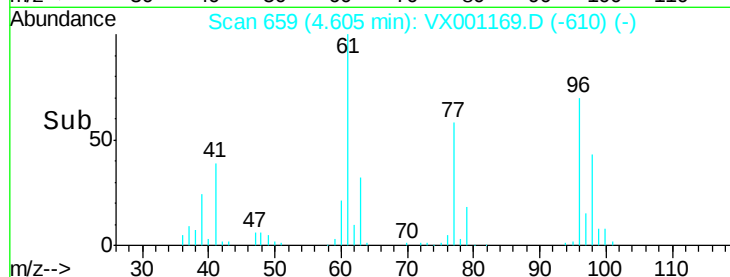
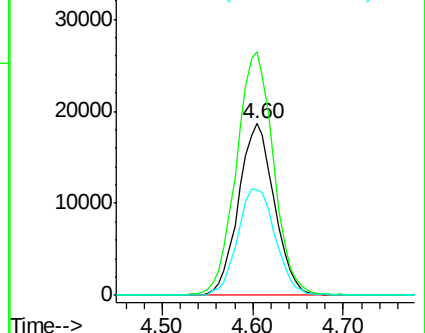
98 65.5 0.0 128.2



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: 19.994 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

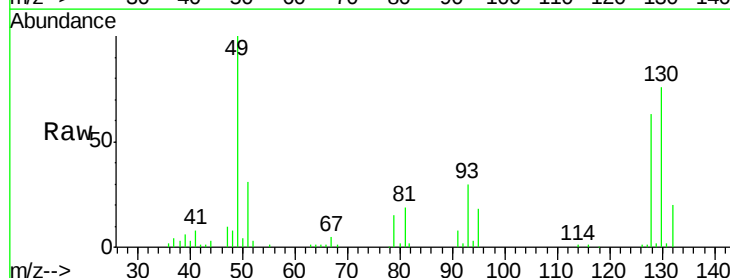
Tgt Ion: 49 Resp: 38855

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

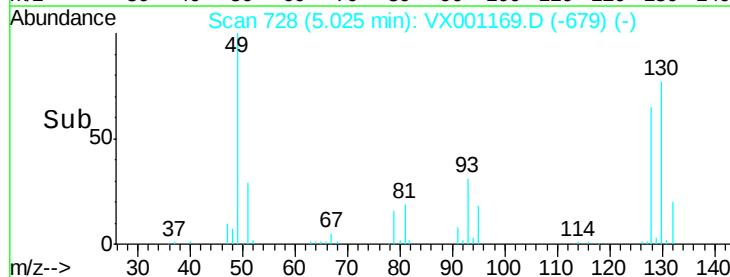
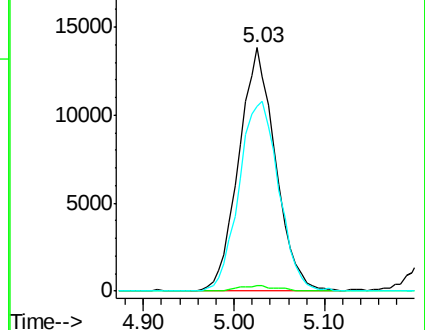
130 84.2 68.2 102.2

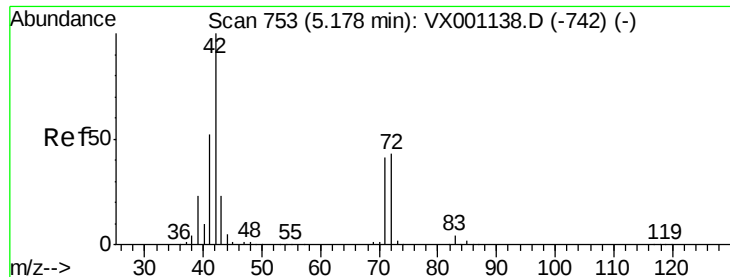


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

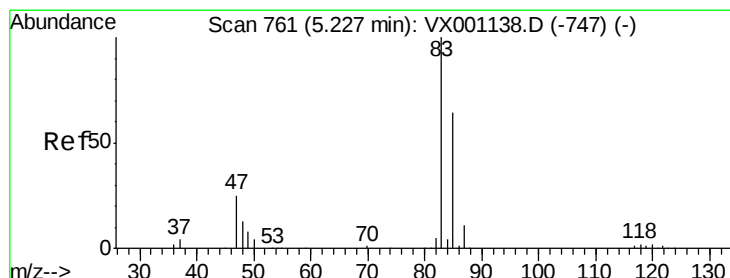
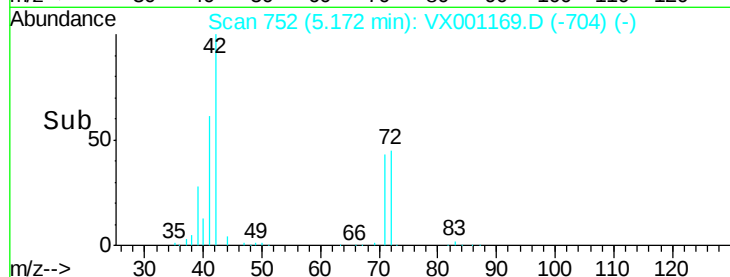
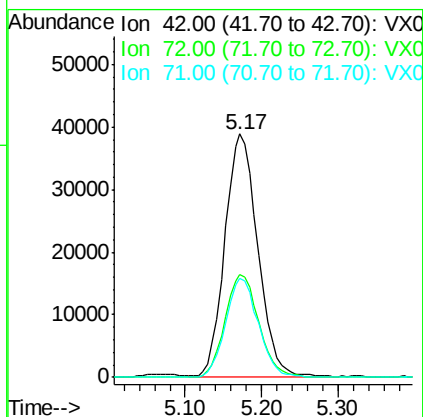
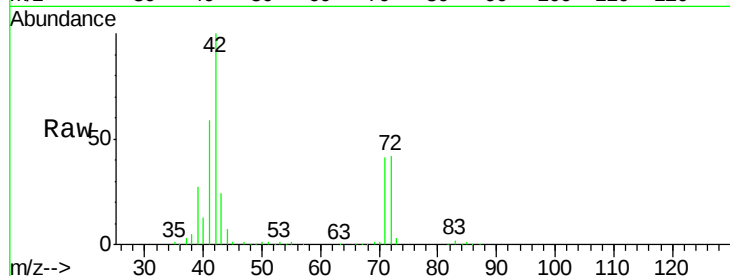




#29
Tetrahydrofuran
Concen: 84.056 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

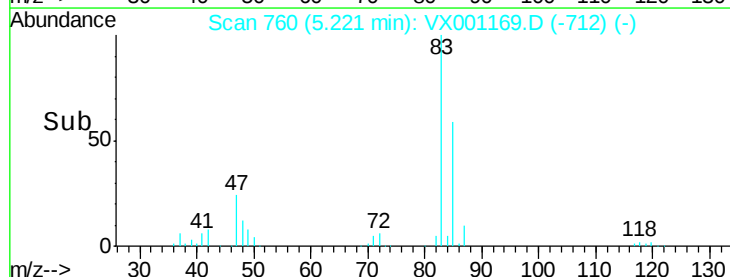
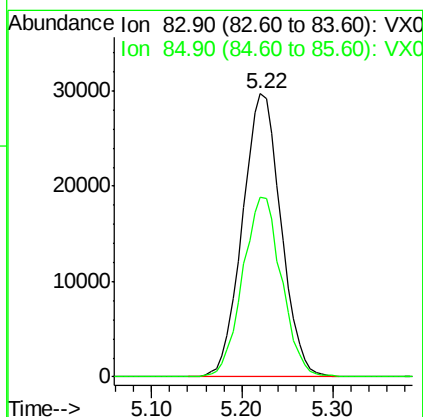
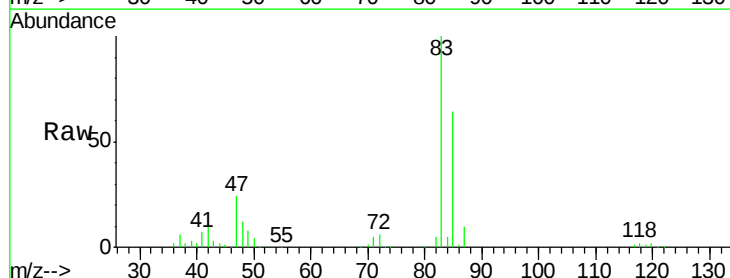
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

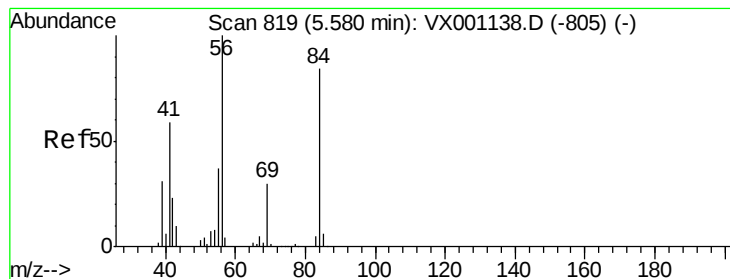
Tgt Ion: 42 Resp: 115169
Ion Ratio Lower Upper
42 100
72 43.5 34.4 51.6
71 40.6 32.1 48.1



#30
Chloroform
Concen: 18.966 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 83 Resp: 87415
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0





#31

Cyclohexane

Concen: 19.620 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

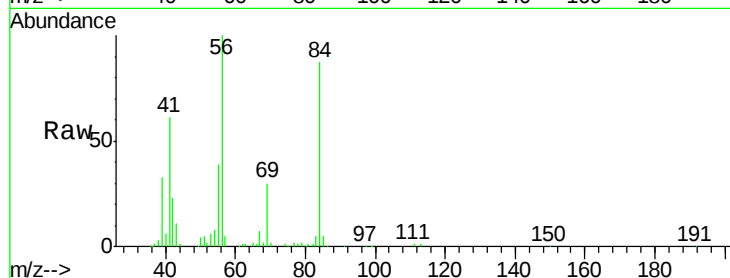
Tgt Ion: 56 Resp: 72248

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

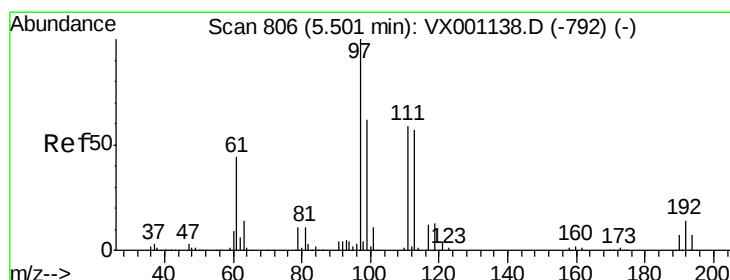
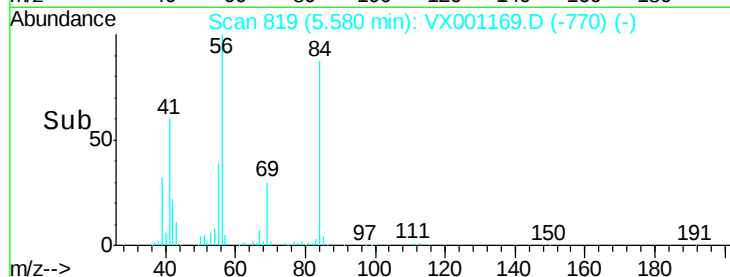
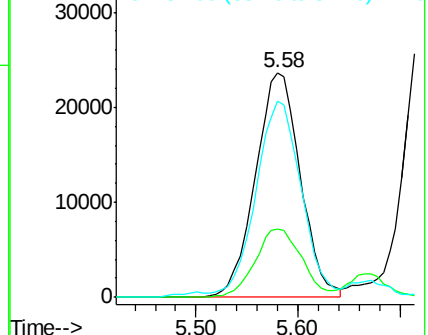
84 85.4 67.5 101.3



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: 18.965 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

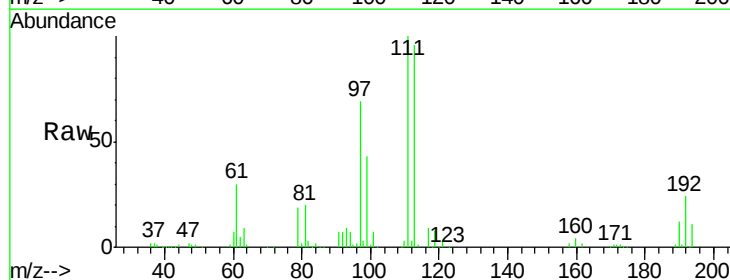
Tgt Ion: 97 Resp: 75457

Ion Ratio Lower Upper

97 100

99 65.3 50.9 76.3

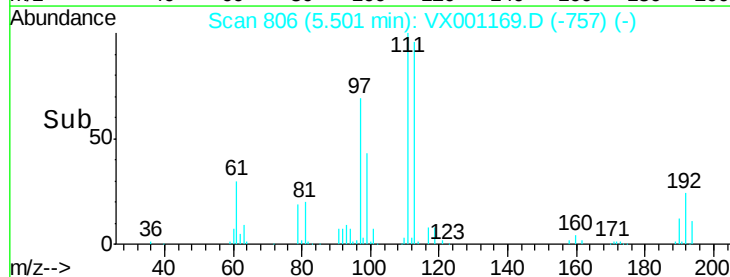
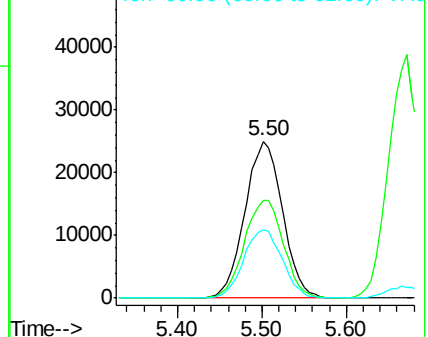
61 45.0 35.0 52.6

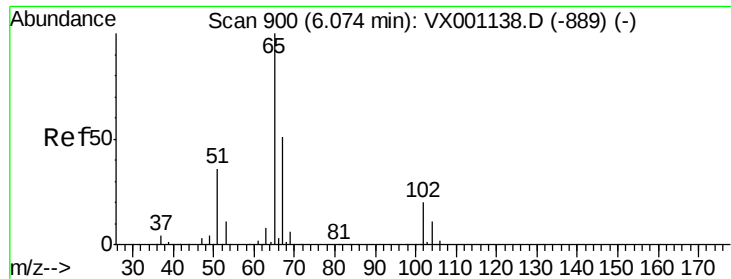


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

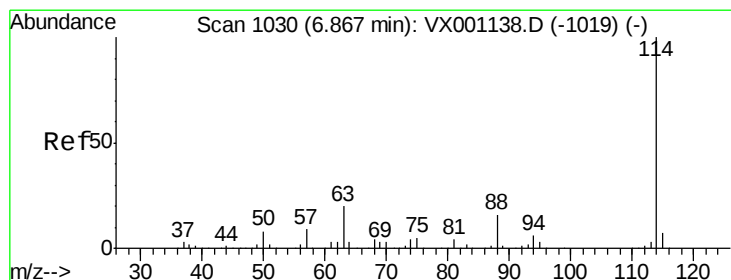
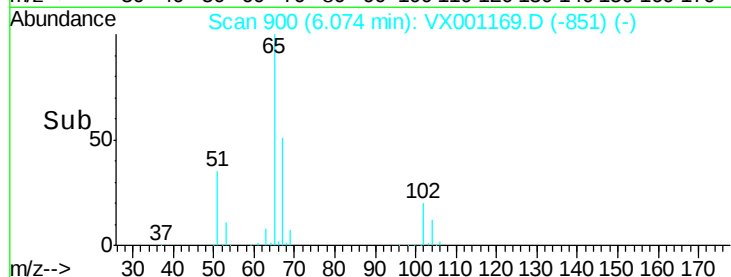
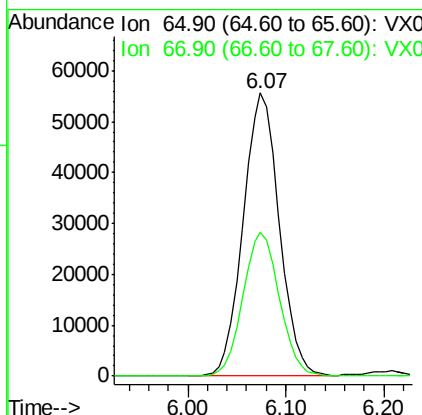
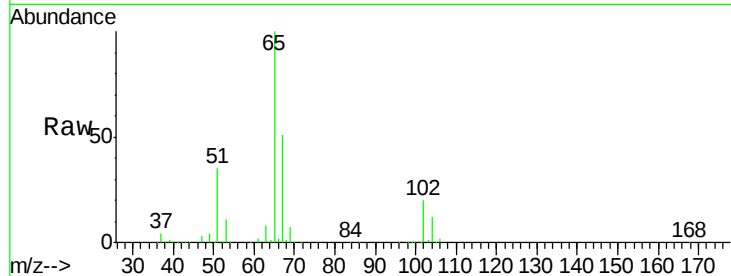




#33
 1,2-Dichloroethane-d4
 Concen: 41.208 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

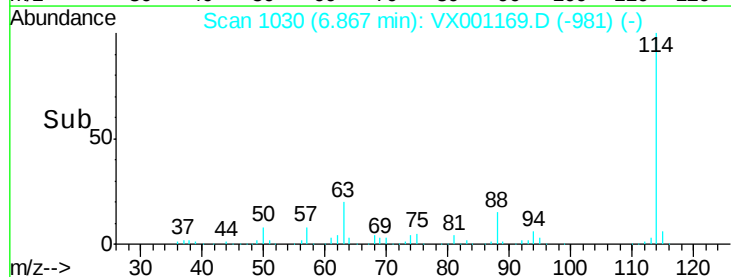
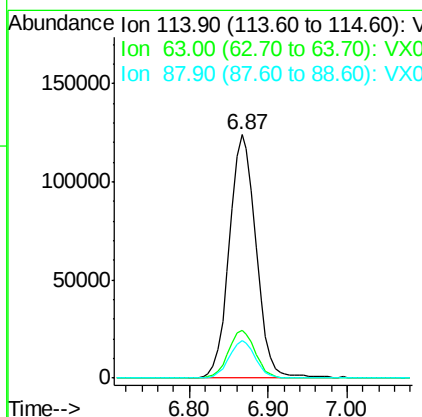
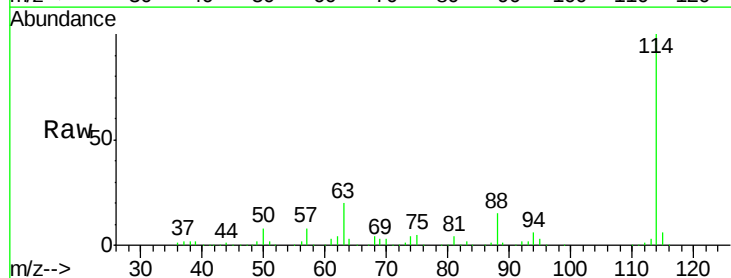
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

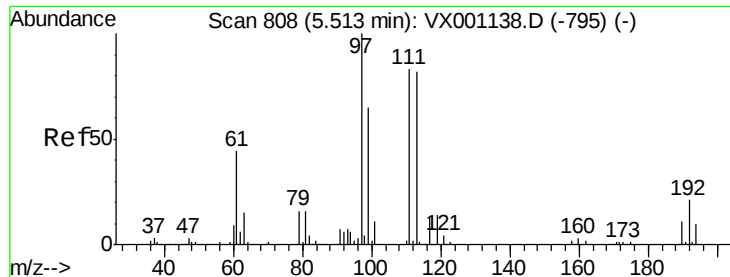
Tgt Ion: 65 Resp: 142719
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 114 Resp: 292845
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.4
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.993 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

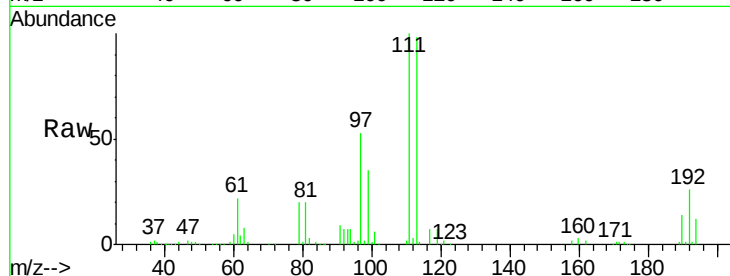
Tgt Ion:113 Resp: 111481

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

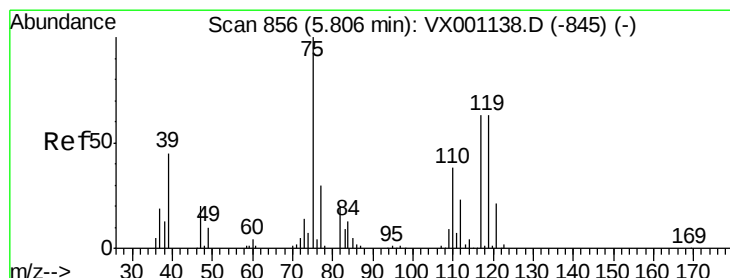
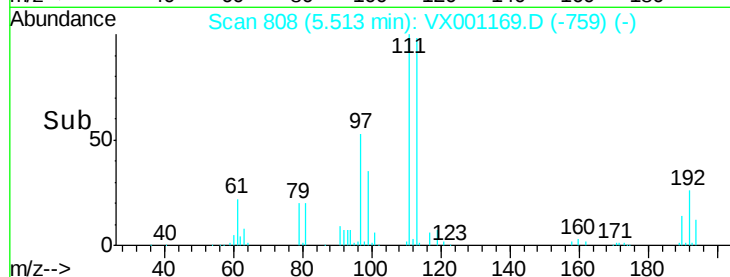
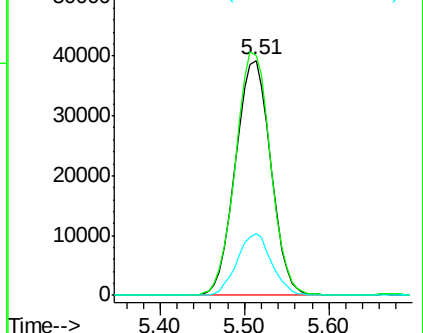
192 25.7 20.6 30.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.686 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

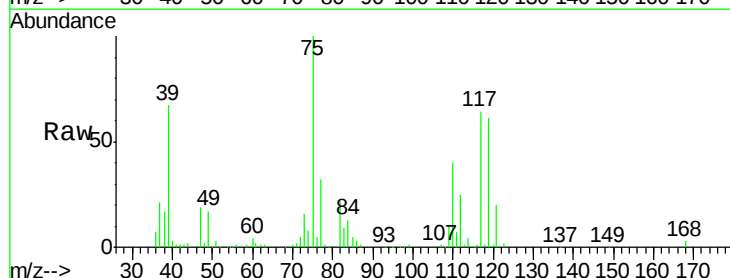
Tgt Ion: 75 Resp: 63527

Ion Ratio Lower Upper

75 100

110 38.8 19.0 57.0

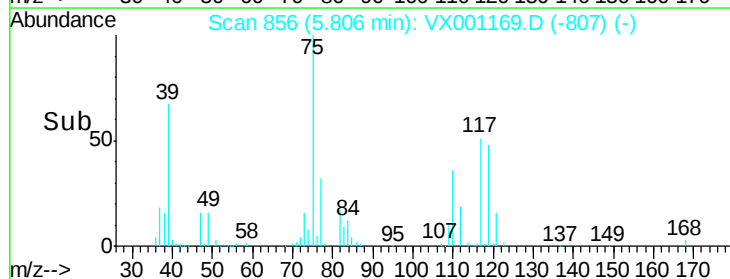
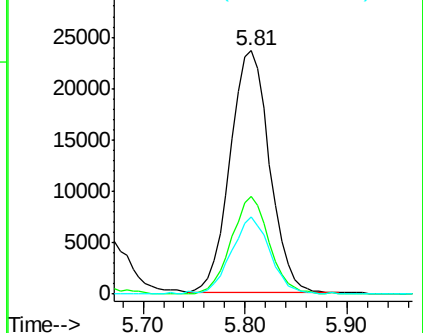
77 31.6 24.8 37.2

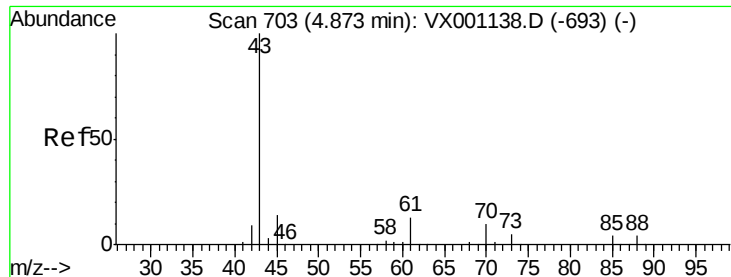


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

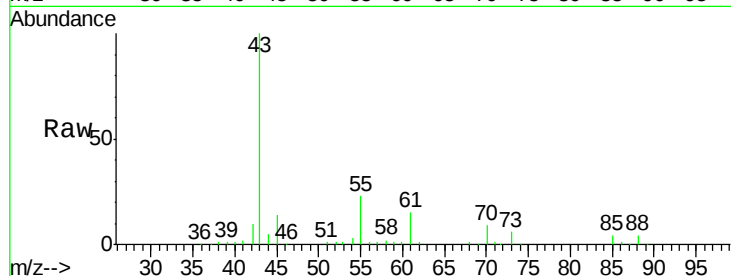




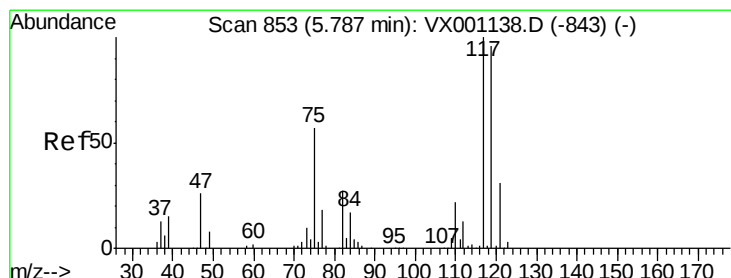
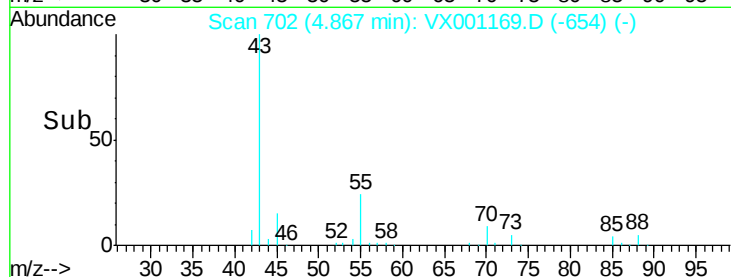
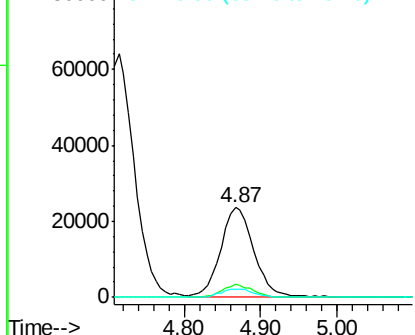
#37
Ethyl Acetate
Concen: 18.080 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tgt Ion: 43 Resp: 69870
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 9.7 8.2 12.2

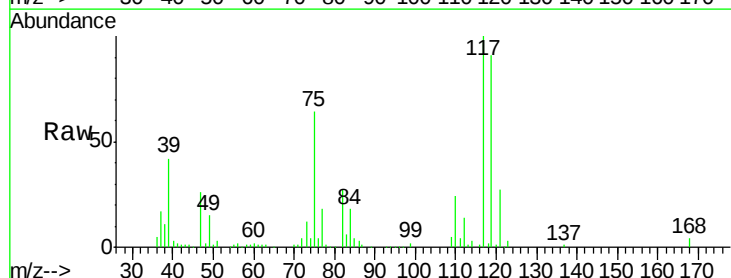


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

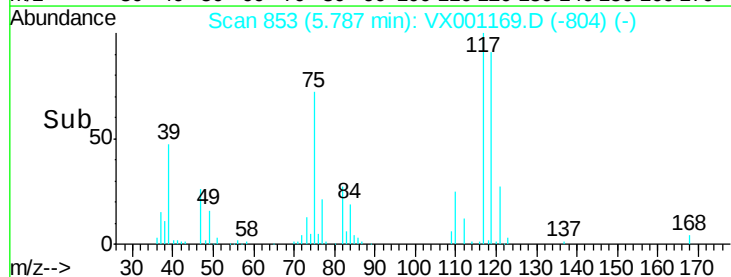
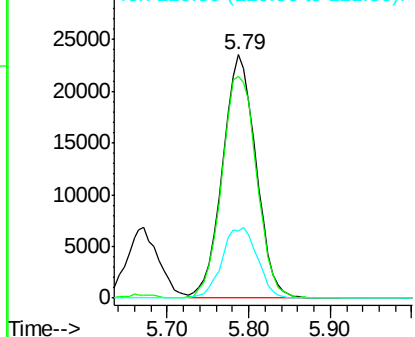


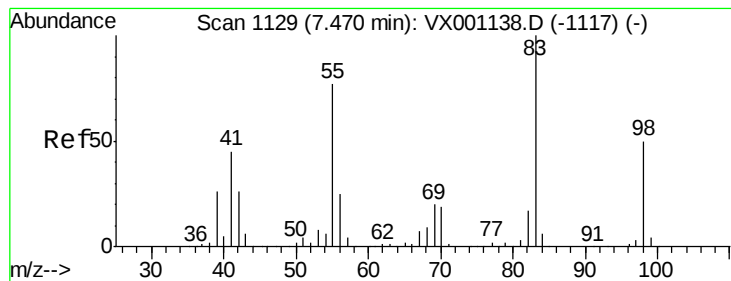
#38
Carbon Tetrachloride
Concen: 20.142 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 117 Resp: 66649
Ion Ratio Lower Upper
117 100
119 91.2 76.5 114.7
121 27.4 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: 20.872 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

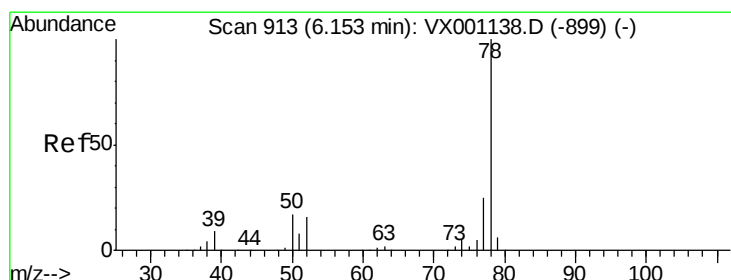
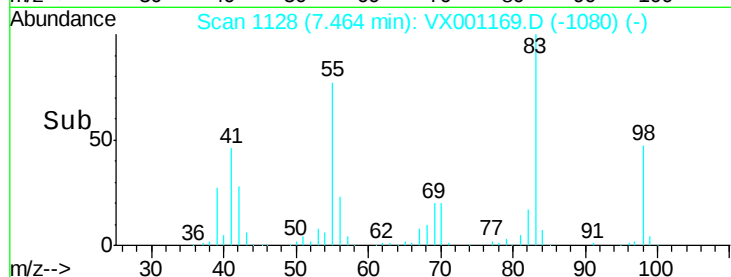
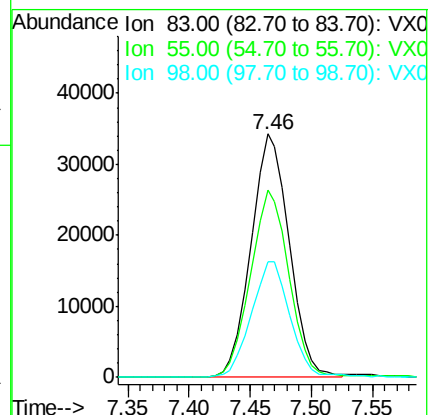
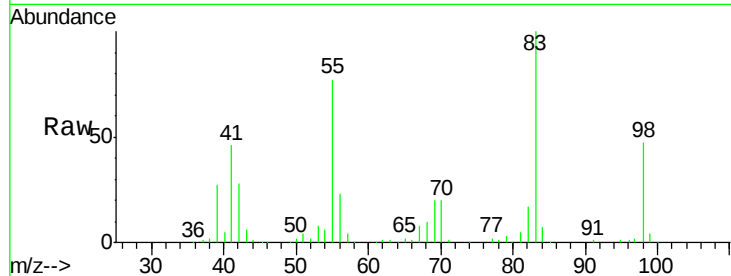
Tgt Ion: 83 Resp: 74543

Ion Ratio Lower Upper

83 100

55 76.6 61.8 92.6

98 47.3 40.0 60.0



#40

Benzene

Concen: 20.305 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001169.D

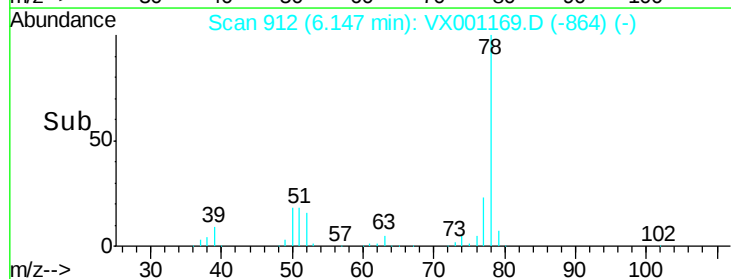
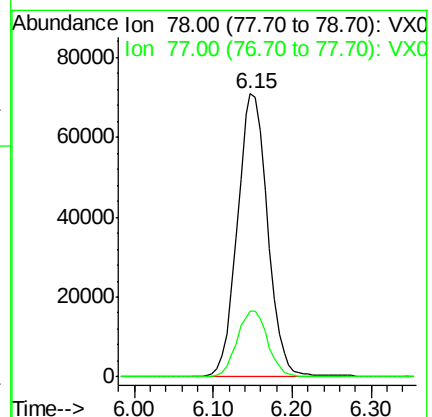
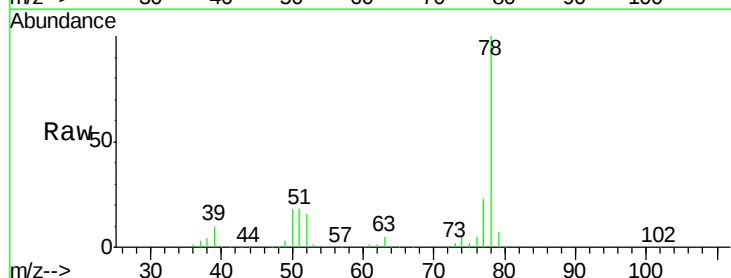
Acq: 27 Apr 2018 14:46

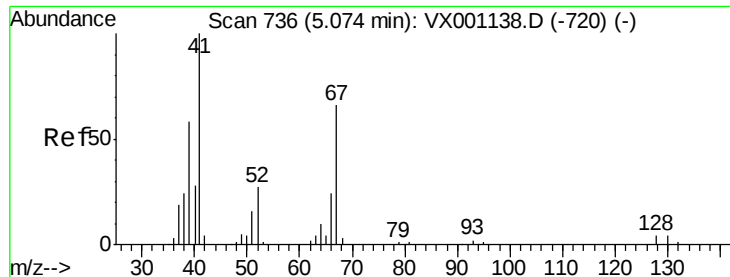
Tgt Ion: 78 Resp: 189553

Ion Ratio Lower Upper

78 100

77 23.3 19.7 29.5





#41

Methacrylonitrile

Concen: 18.190 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tgt Ion: 41 Resp: 39499

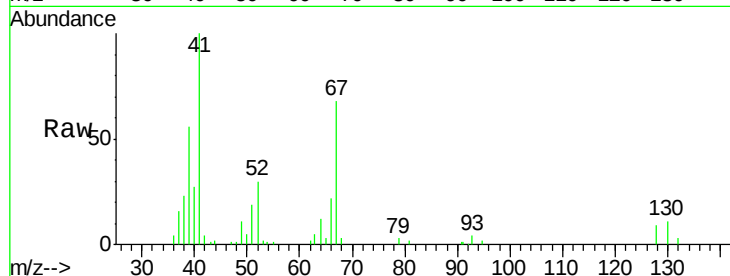
Ion Ratio Lower Upper

41 100

39 57.4 45.9 68.9

67 70.3 53.2 79.8

52 31.5 23.1 34.7

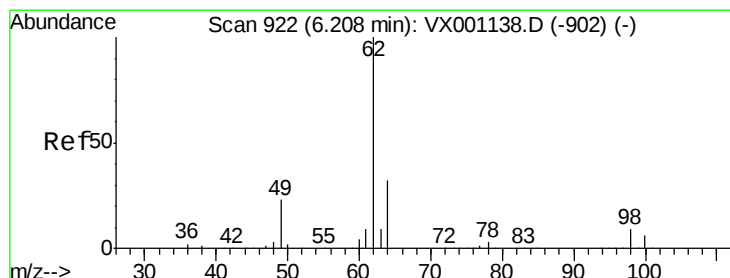
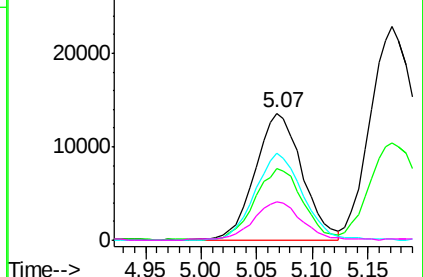
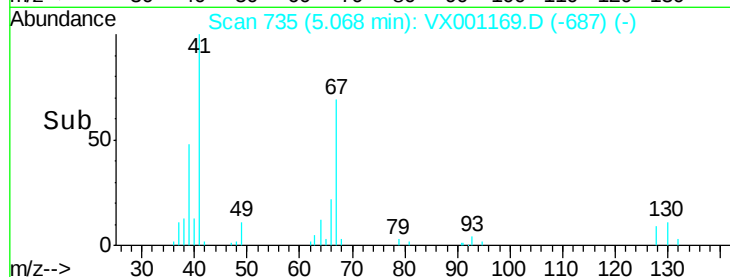


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.027 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX001169.D

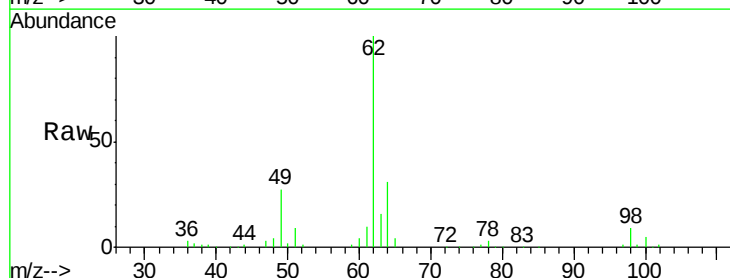
Acq: 27 Apr 2018 14:46

Tgt Ion: 62 Resp: 75338

Ion Ratio Lower Upper

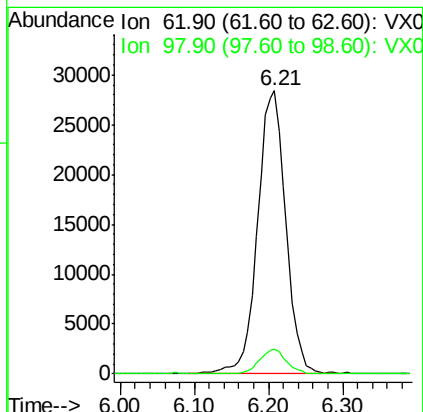
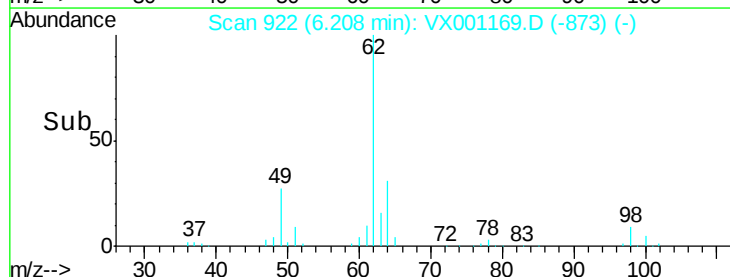
62 100

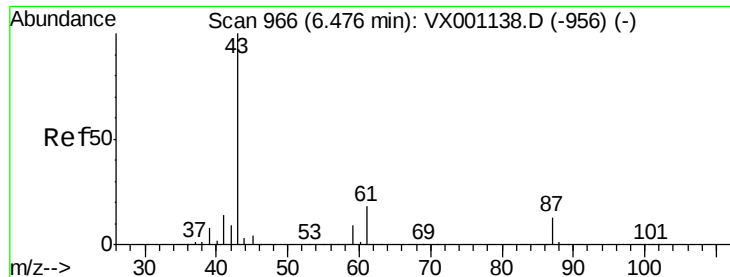
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.687 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

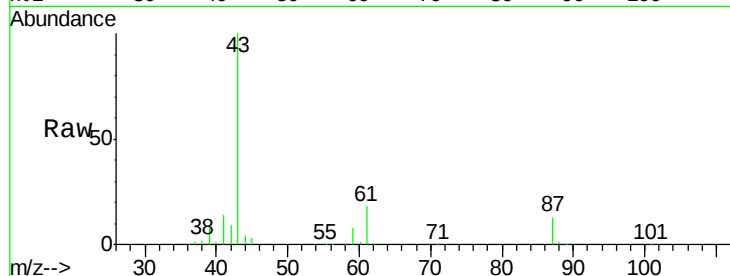
Tgt Ion: 43 Resp: 113414

Ion Ratio Lower Upper

43 100

61 18.5 15.0 22.6

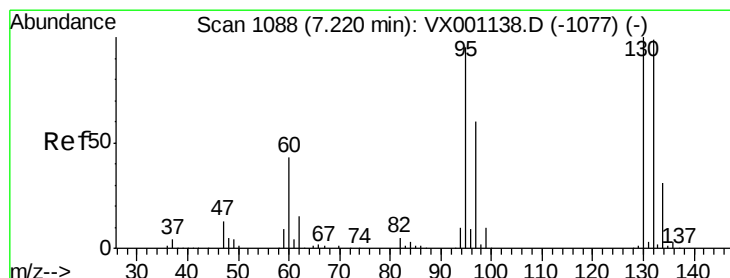
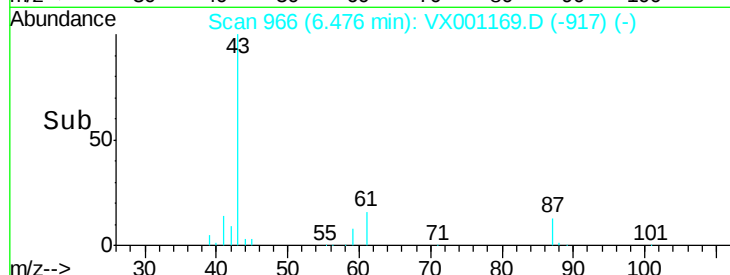
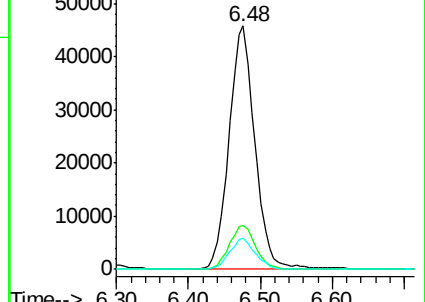
87 12.6 10.3 15.5



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: 20.558 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001169.D

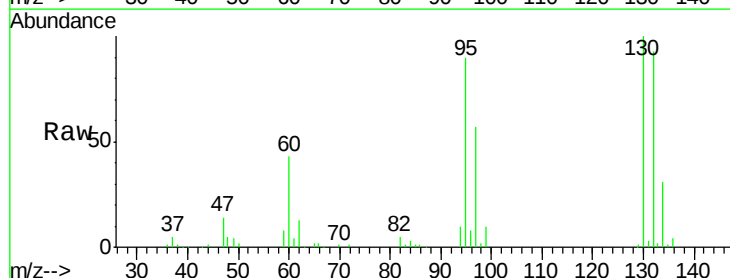
Acq: 27 Apr 2018 14:46

Tgt Ion: 130 Resp: 57174

Ion Ratio Lower Upper

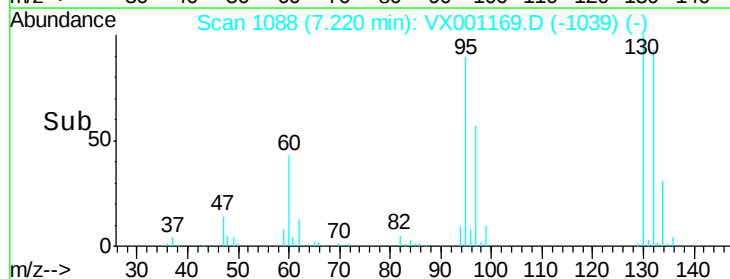
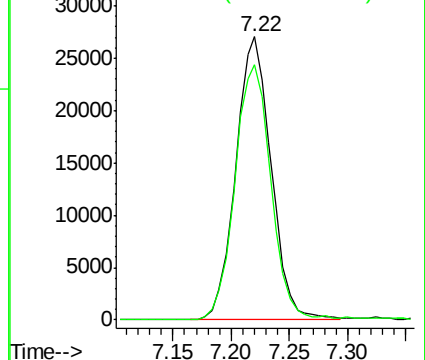
130 100

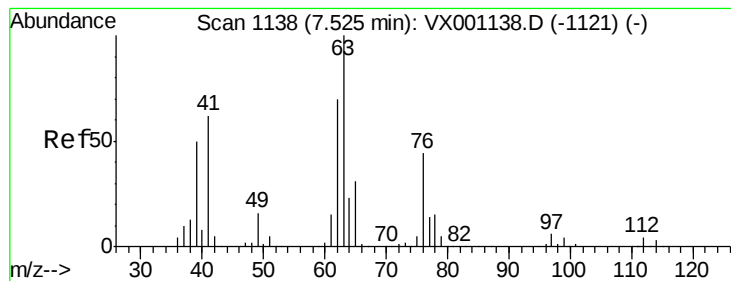
95 90.3 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.028 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

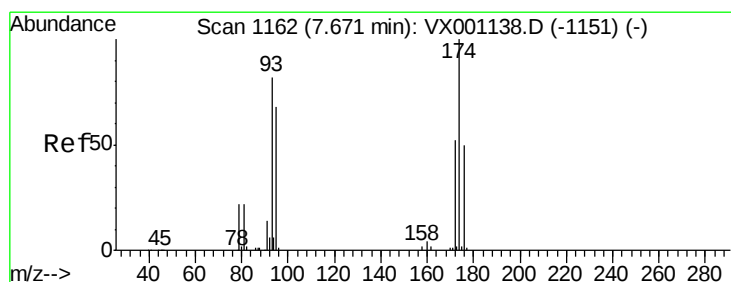
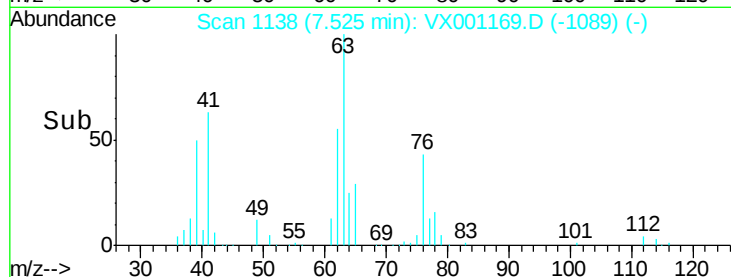
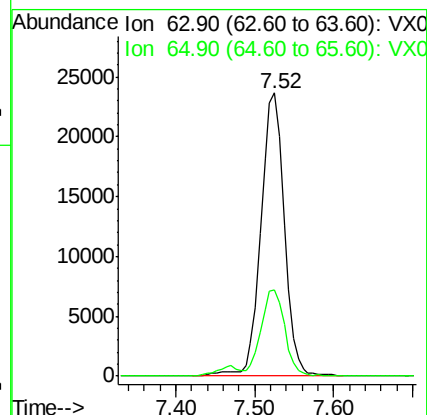
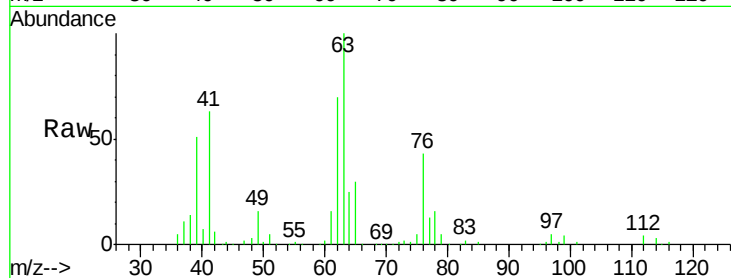
VX0427WBSD01

Tgt Ion: 63 Resp: 49174

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3



#46

Dibromomethane

Concen: 20.564 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

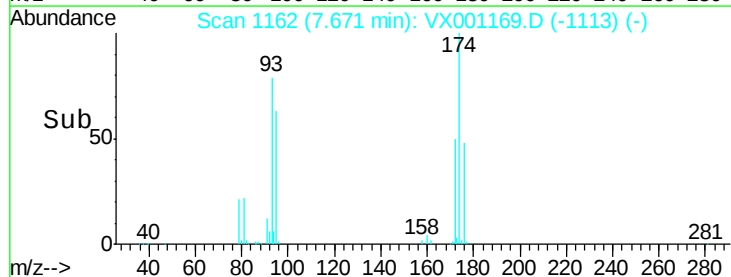
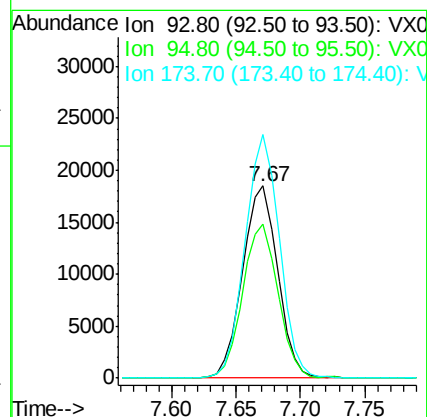
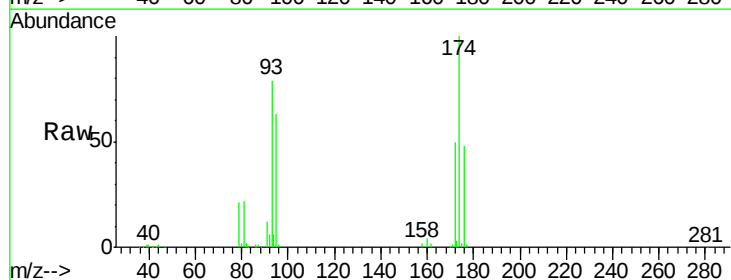
Tgt Ion: 93 Resp: 34963

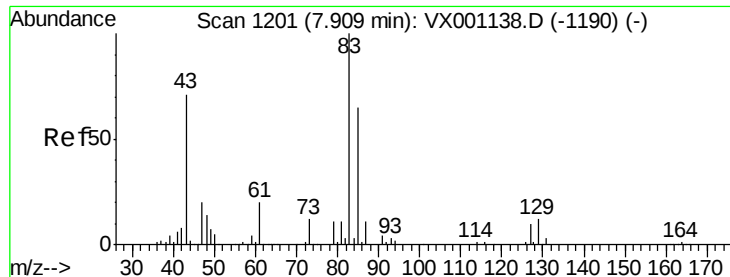
Ion Ratio Lower Upper

93 100

95 80.8 66.4 99.6

174 123.7 99.6 149.4





#47

Bromodichloromethane

Concen: 19.720 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

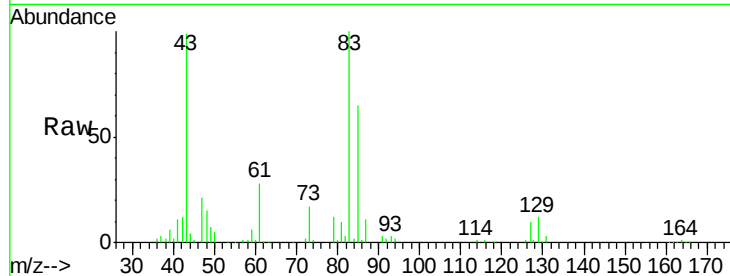
Tgt Ion: 83 Resp: 60918

Ion Ratio Lower Upper

83 100

85 65.0 51.9 77.9

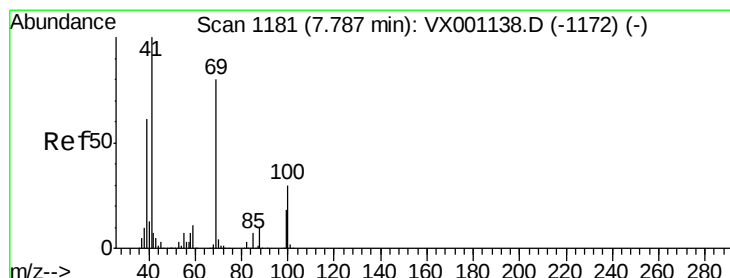
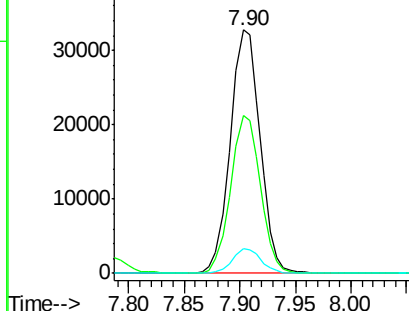
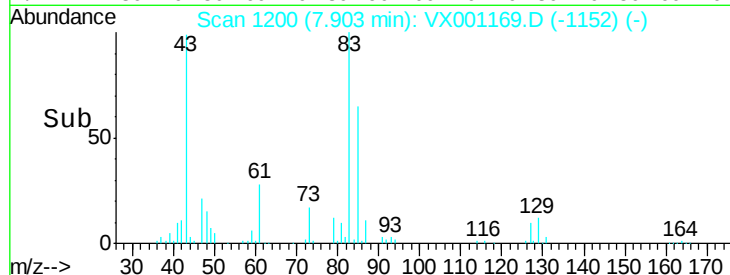
127 10.3 7.7 11.5



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: 18.725 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

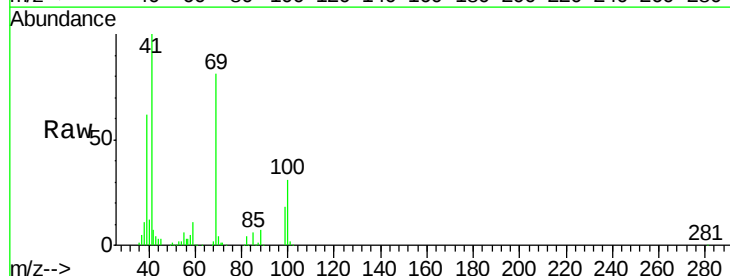
Tgt Ion: 41 Resp: 60409

Ion Ratio Lower Upper

41 100

69 78.3 62.4 93.6

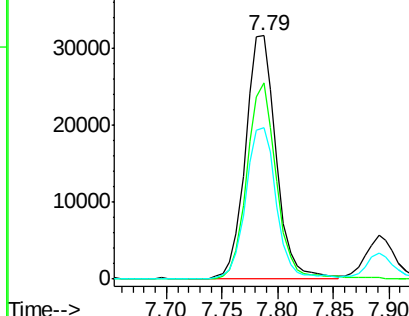
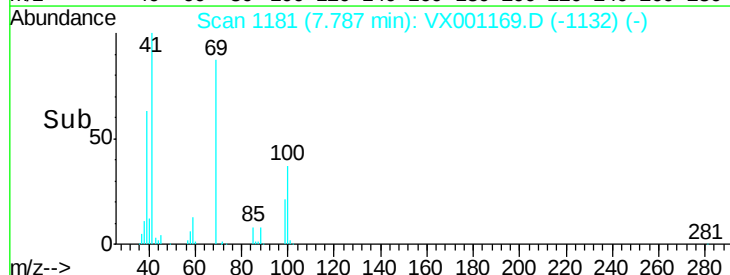
39 62.1 48.7 73.1

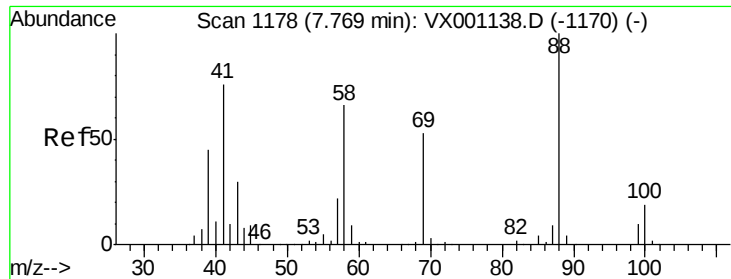


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

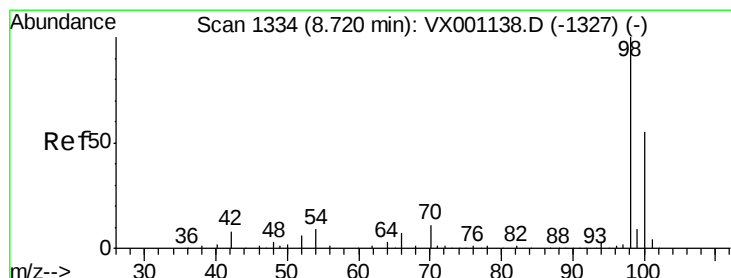
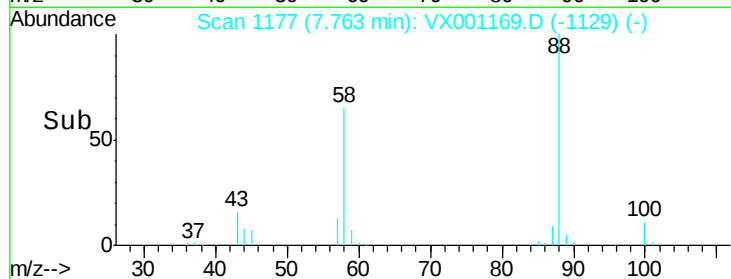
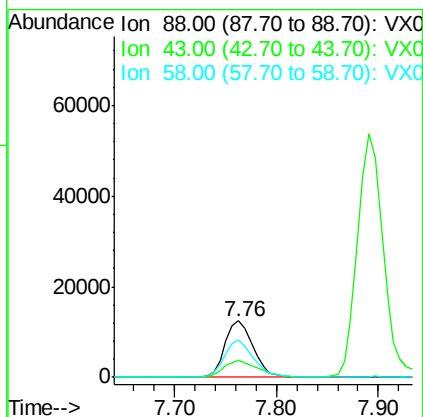
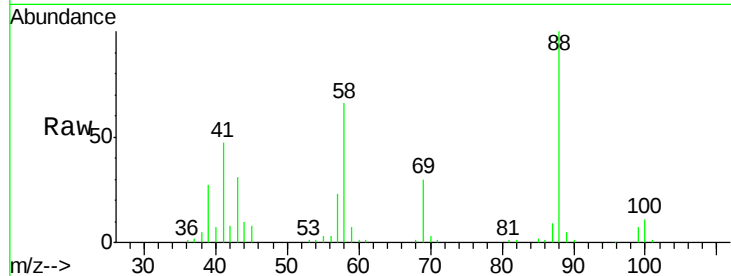




#49
1,4-Dioxane
Concen: 369.663 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

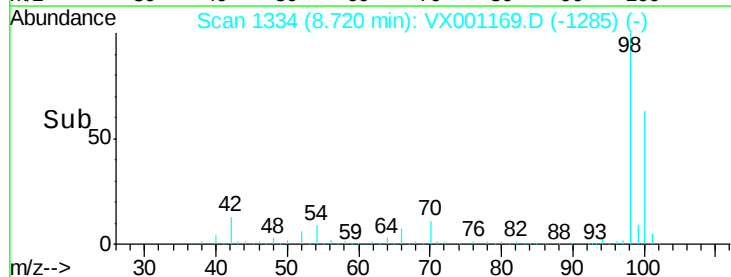
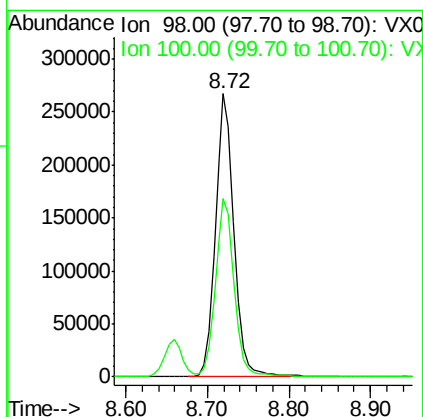
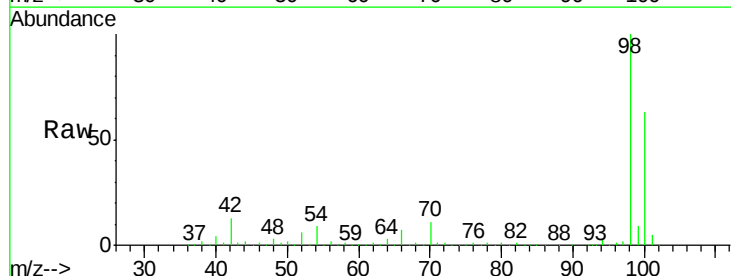
Instrument :
MSVOA_X
ClientSampled :
VX0427WBSD01

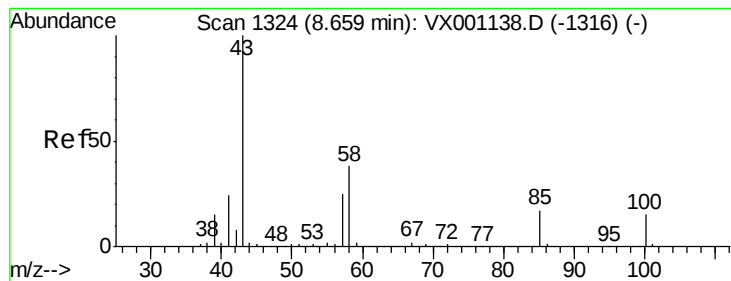
Tgt Ion: 88 Resp: 23876
Ion Ratio Lower Upper
88 100
43 36.9 27.3 40.9
58 68.4 54.2 81.4



#50
Toluene-d8
Concen: 46.635 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 98 Resp: 426585
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 95.058 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

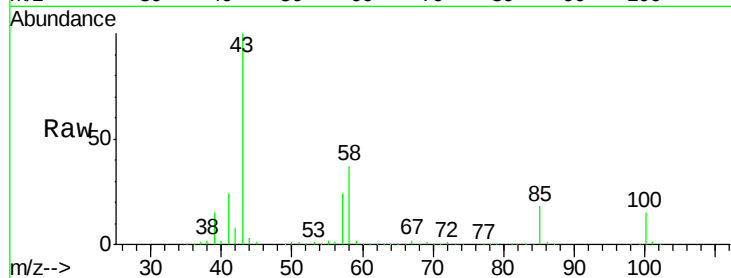
VX0427WBSD01

Tgt Ion: 43 Resp: 378972

Ion Ratio Lower Upper

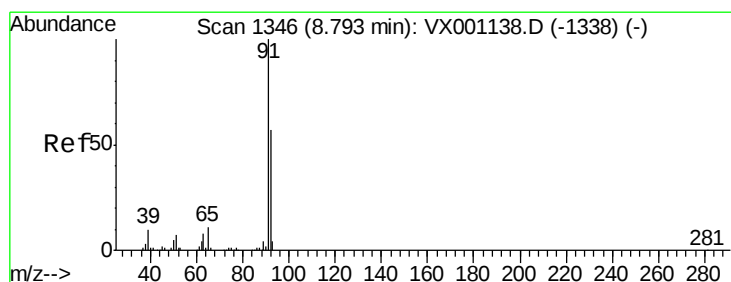
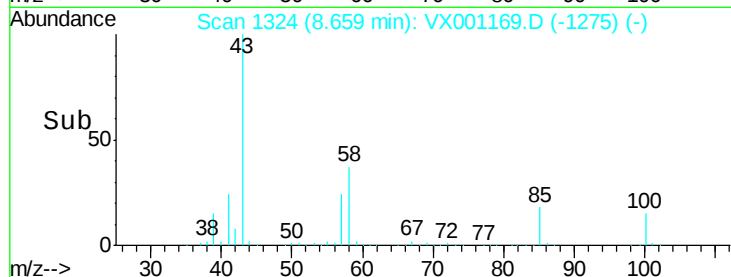
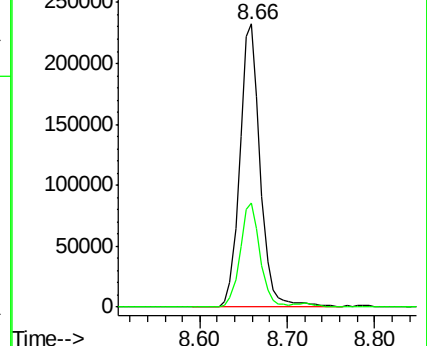
43 100

58 36.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.534 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001169.D

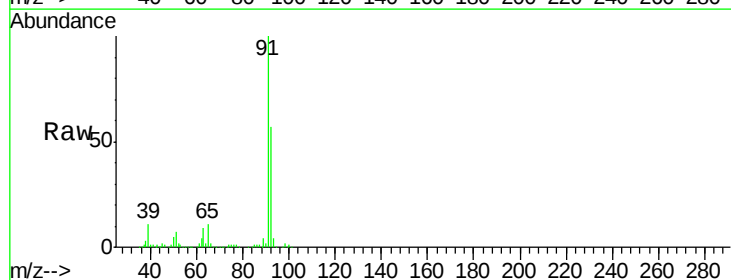
Acq: 27 Apr 2018 14:46

Tgt Ion: 92 Resp: 125351

Ion Ratio Lower Upper

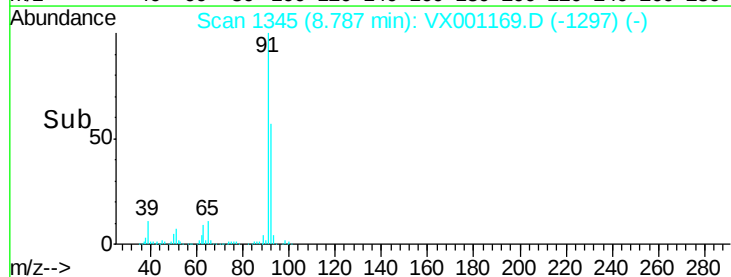
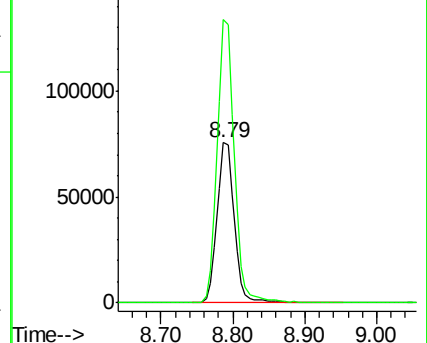
92 100

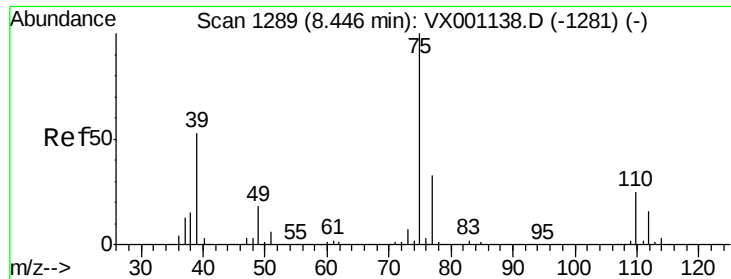
91 175.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

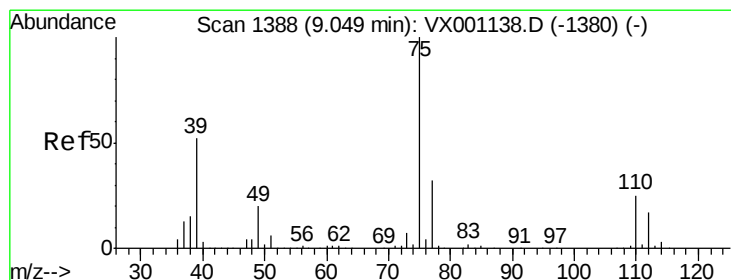
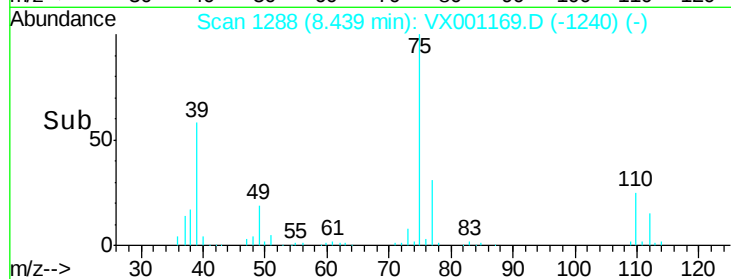
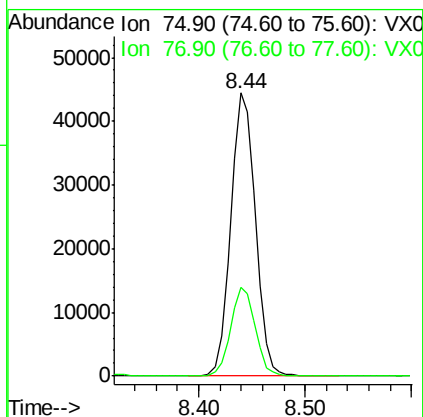
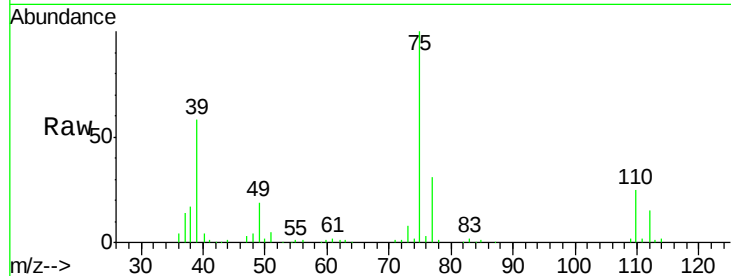




#53
 t-1,3-Dichloropropene
 Concen: 20.169 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

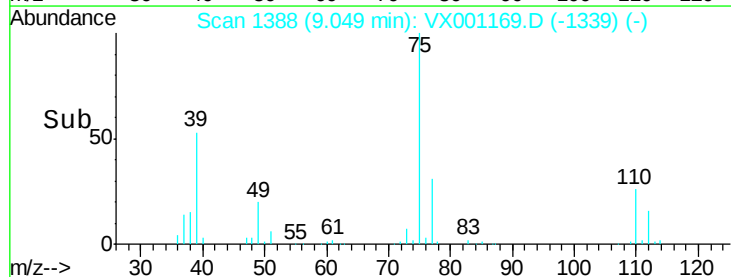
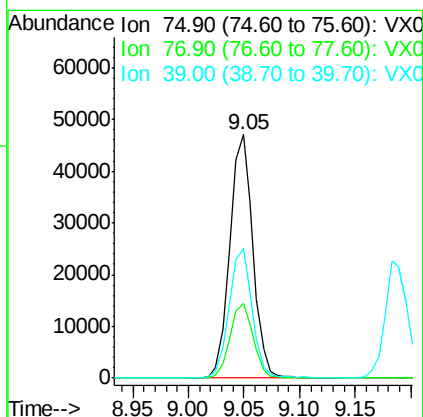
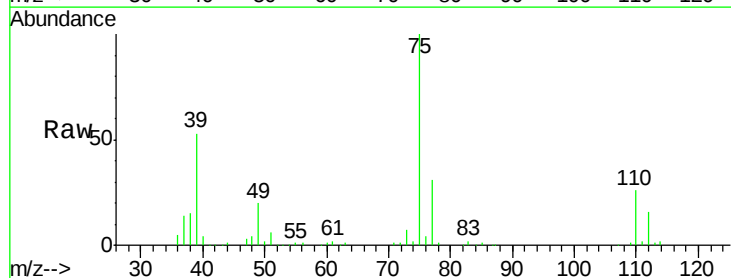
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

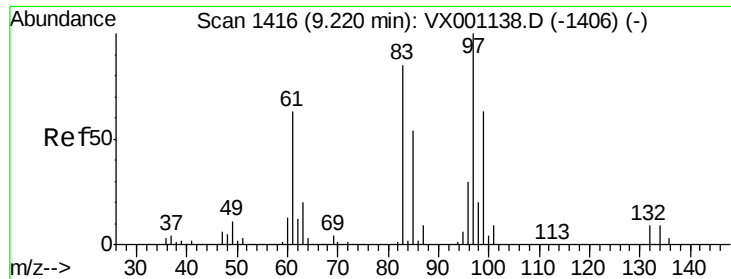
Tgt Ion: 75 Resp: 72433
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.318 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 75 Resp: 67175
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2
 39 53.1 42.0 63.0

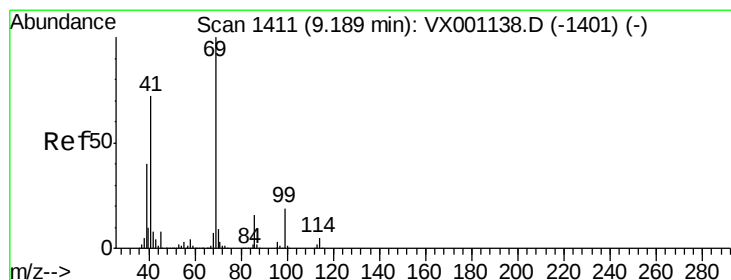
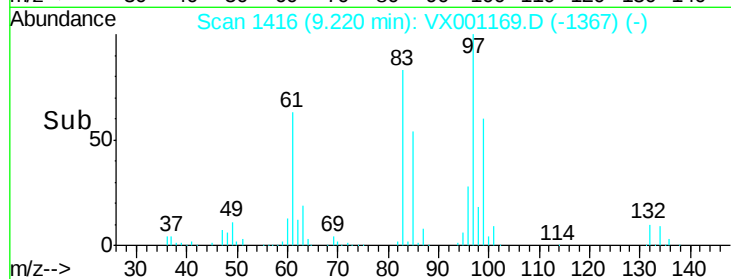
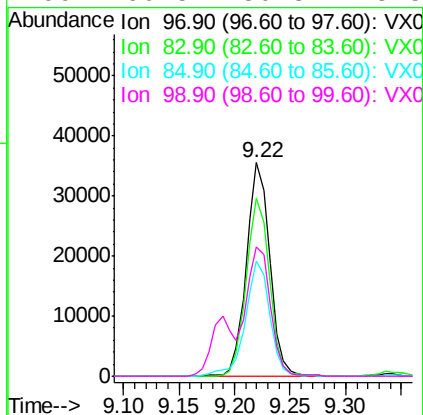
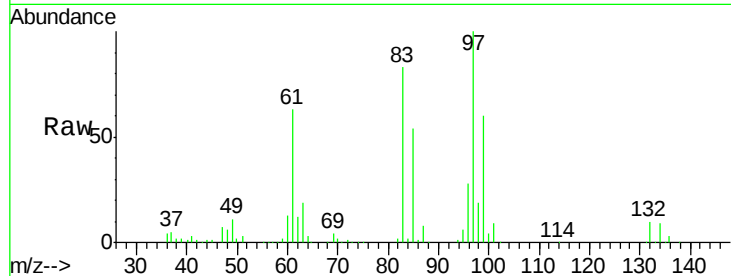




#55
 1,1,2-Trichloroethane
 Concen: 20.119 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

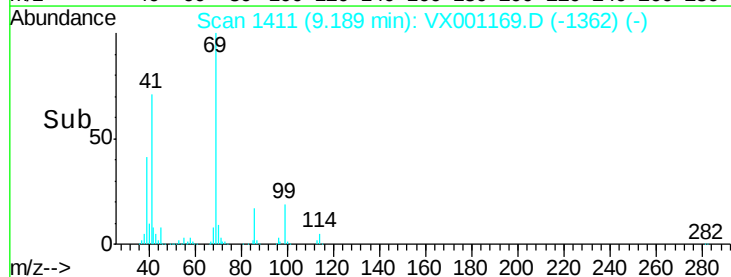
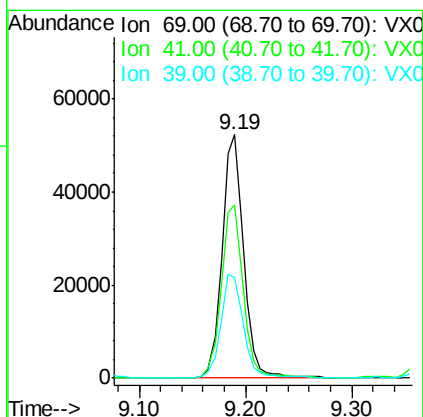
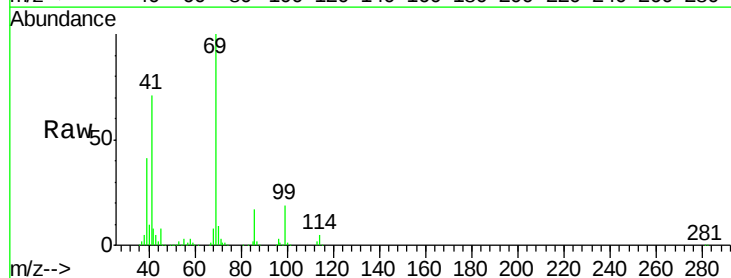
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

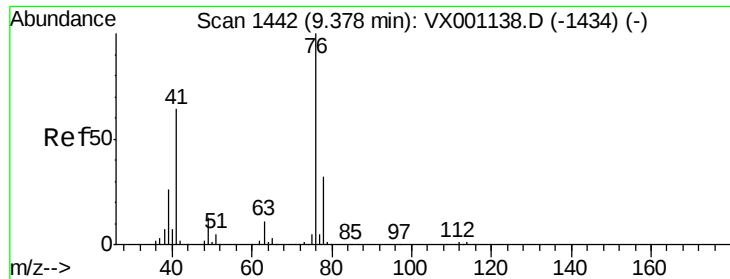
Tgt Ion:	97	Resp:	51962
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.0	102.0
85	54.2	42.9	64.3
99	60.5	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.342 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion:	69	Resp:	74018
Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.7	86.5
39	44.0	33.3	49.9





#57

1,3-Dichloropropane

Concen: 20.054 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

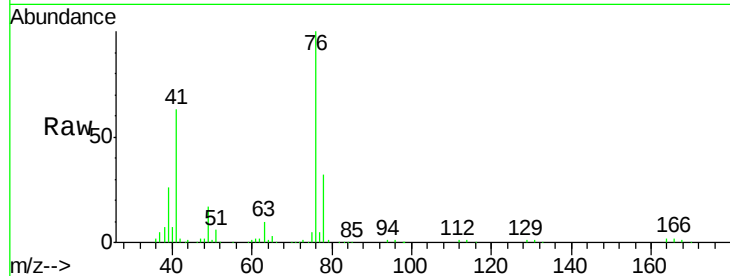
VX0427WBSD01

Tgt Ion: 76 Resp: 83789

Ion Ratio Lower Upper

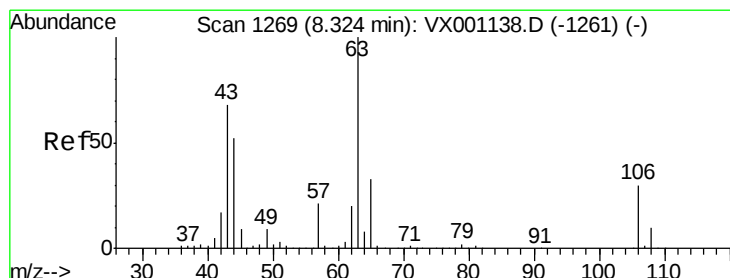
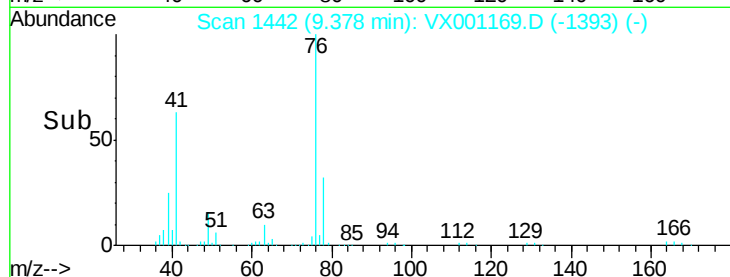
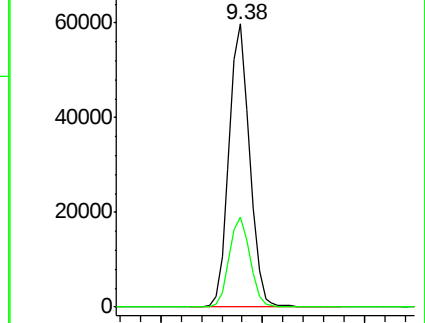
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.494 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001169.D

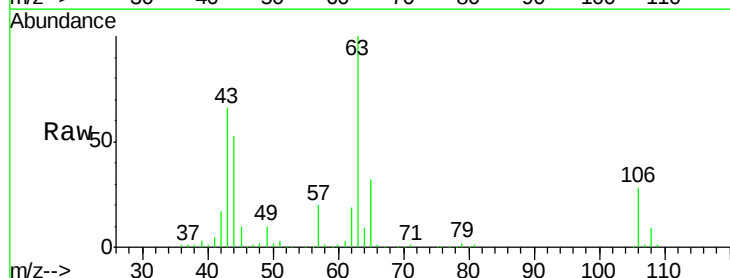
Acq: 27 Apr 2018 14:46

Tgt Ion: 63 Resp: 174565

Ion Ratio Lower Upper

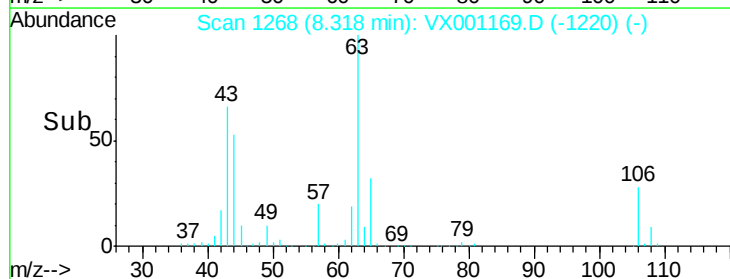
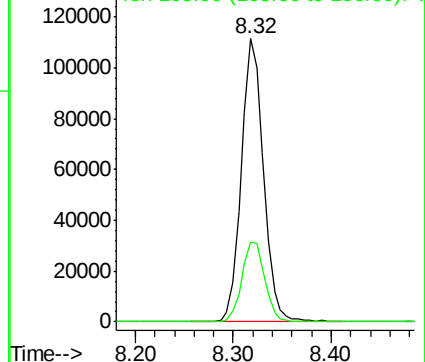
63 100

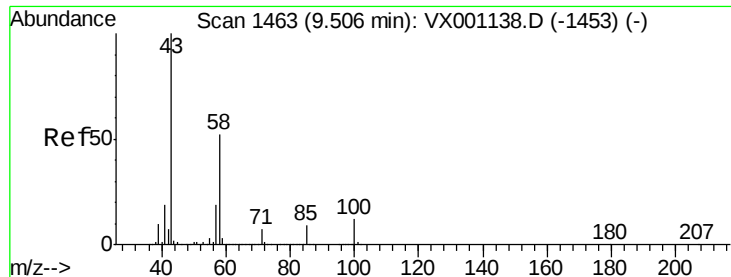
106 29.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

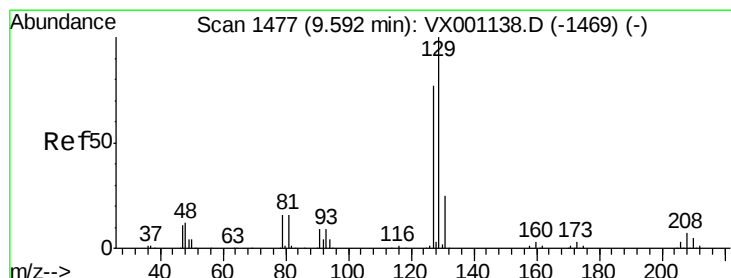
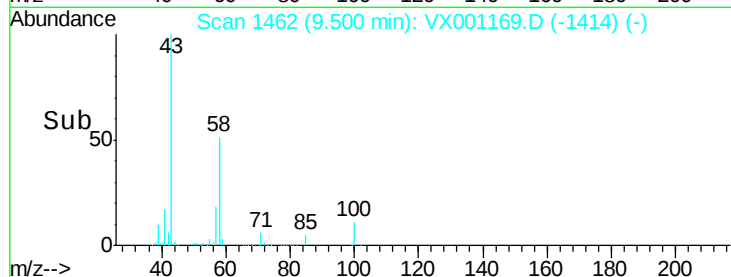
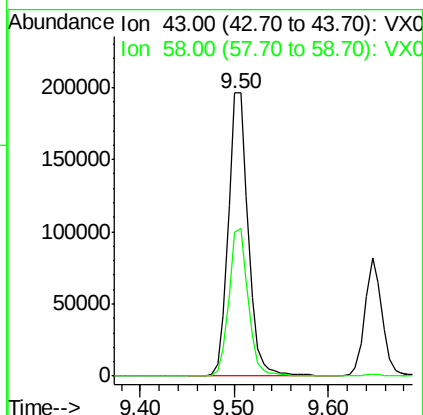
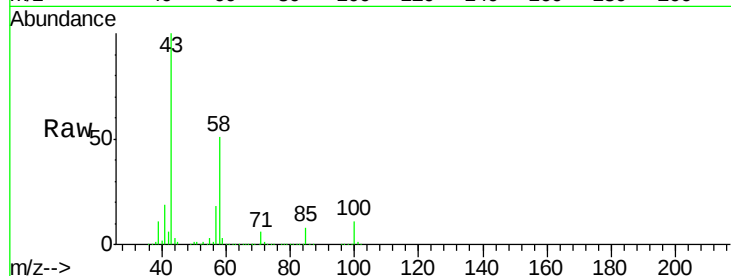




#59
2-Hexanone
Concen: 92.011 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

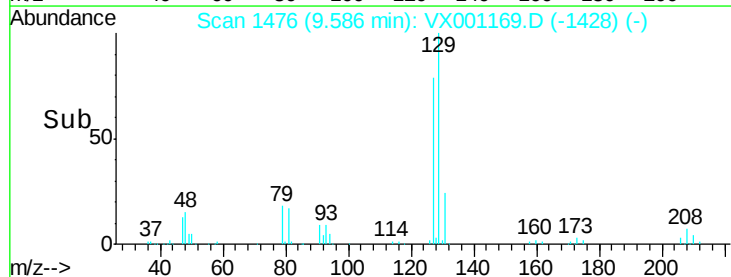
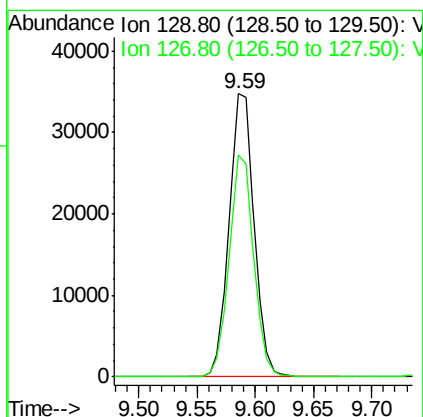
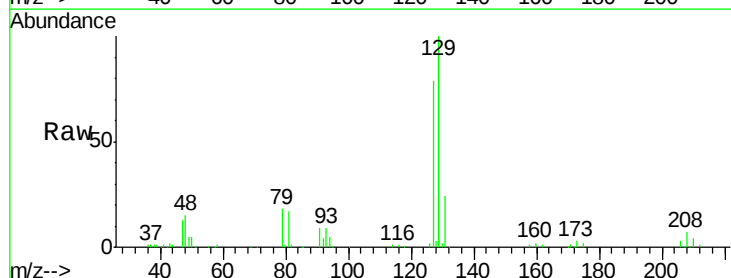
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

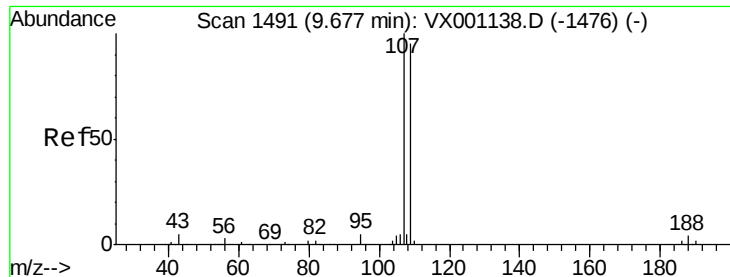
Tgt Ion: 43 Resp: 287415
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4



#60
Dibromochloromethane
Concen: 19.451 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 129 Resp: 52073
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.149 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

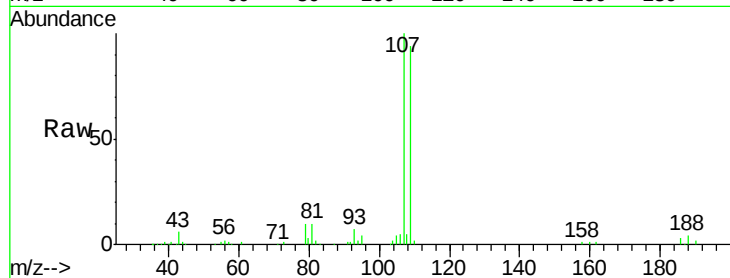
VX0427WBSD01

Tgt Ion: 107 Resp: 54521

Ion Ratio Lower Upper

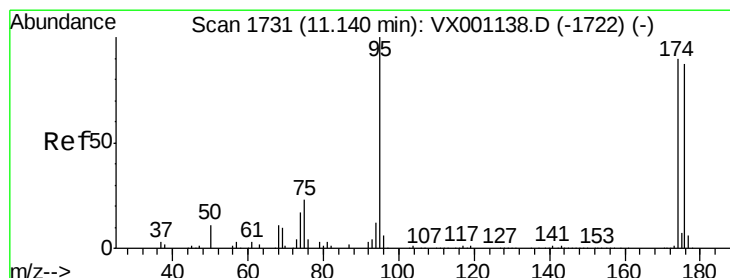
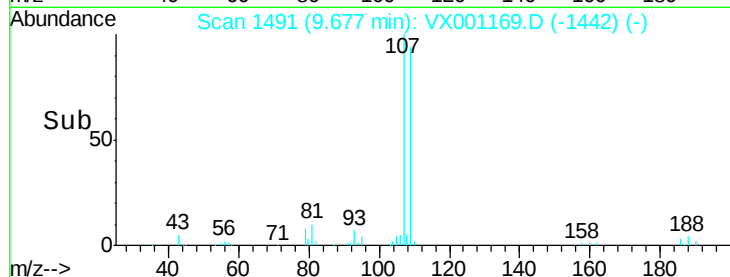
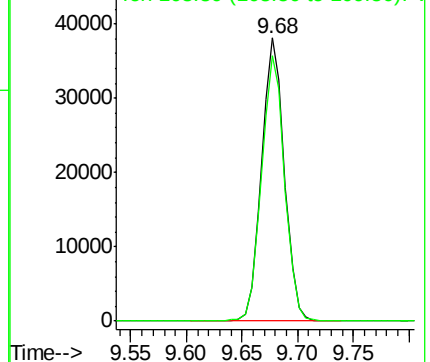
107 100

109 95.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.978 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

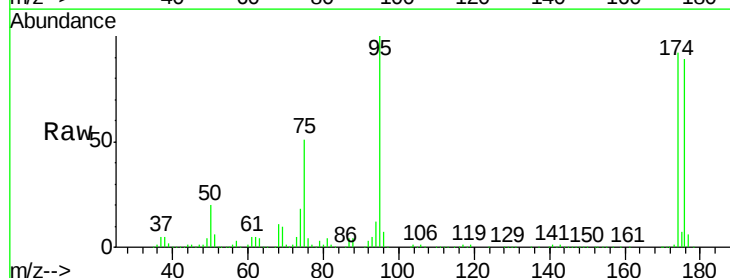
Tgt Ion: 95 Resp: 167869

Ion Ratio Lower Upper

95 100

174 99.5 0.0 194.4

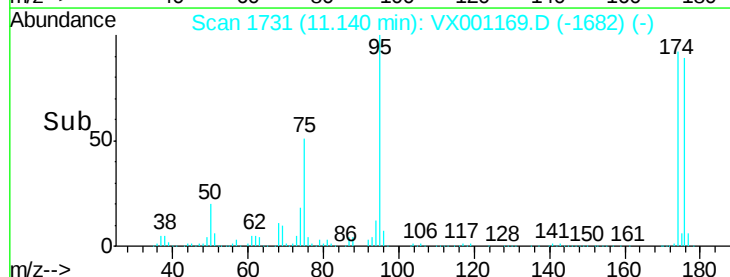
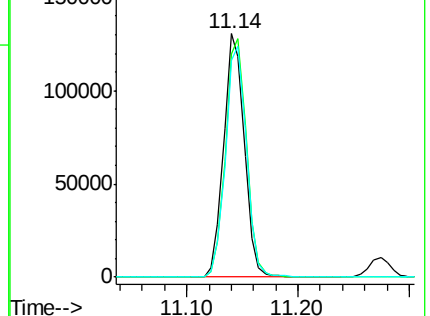
176 96.5 0.0 190.2

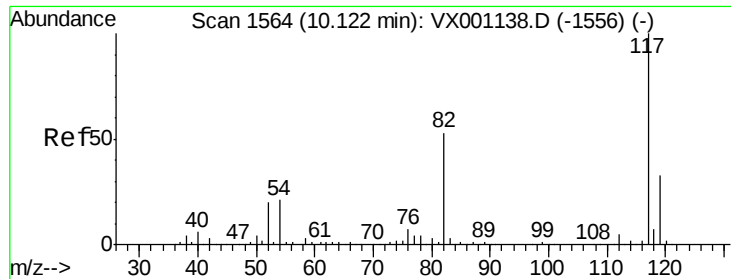


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

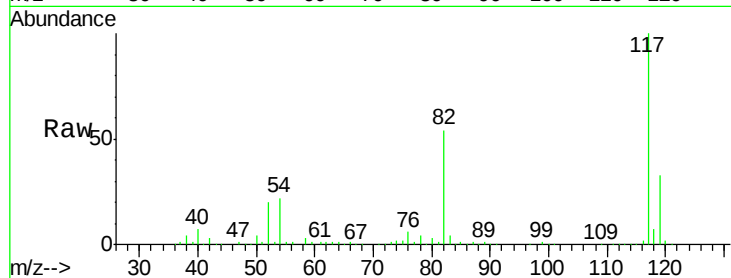




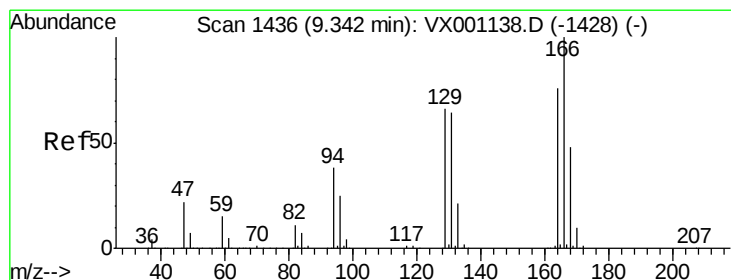
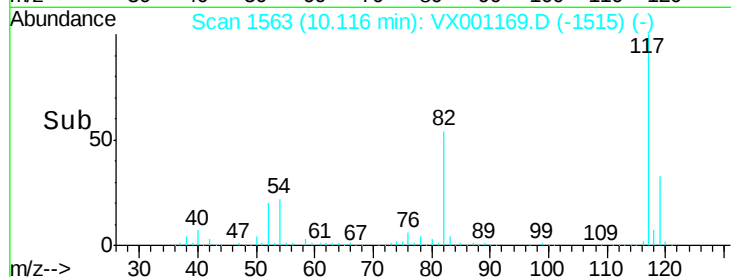
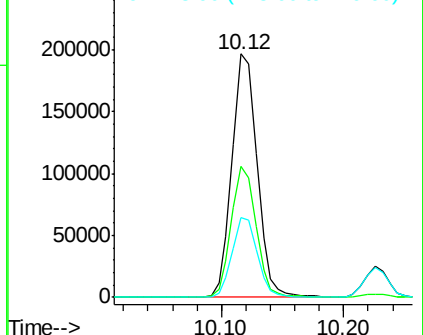
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0427WBSD01

Tgt Ion:117 Resp: 281329
Ion Ratio Lower Upper
117 100
82 53.8 42.1 63.1
119 32.6 26.1 39.1



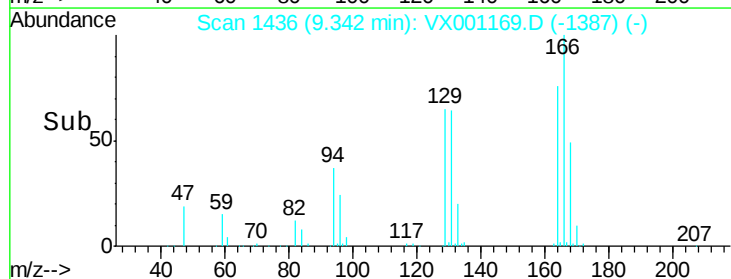
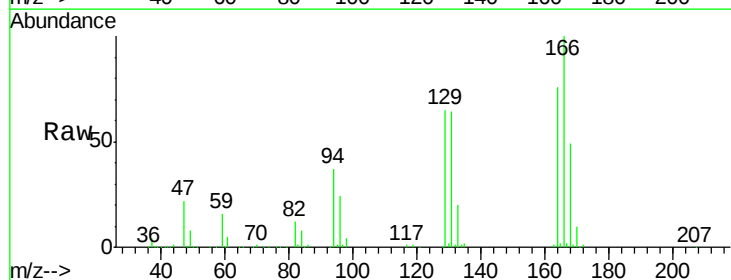
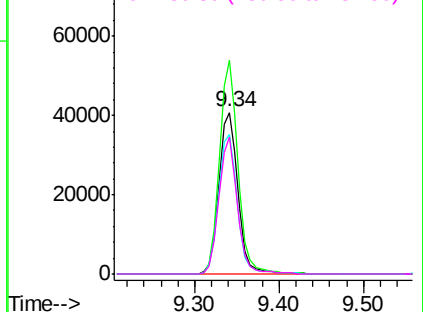
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

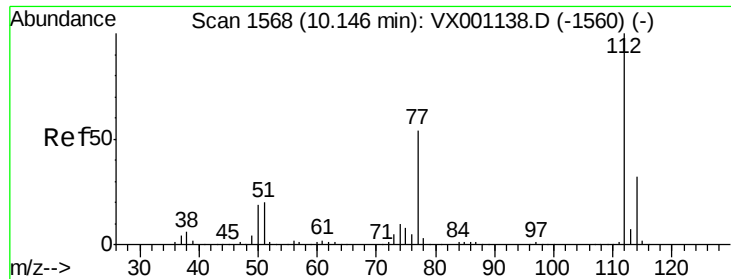


#64
Tetrachloroethene
Concen: 21.372 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion:164 Resp: 64178
Ion Ratio Lower Upper
164 100
166 131.9 105.0 157.6
129 86.0 69.4 104.2
131 84.4 67.3 100.9

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

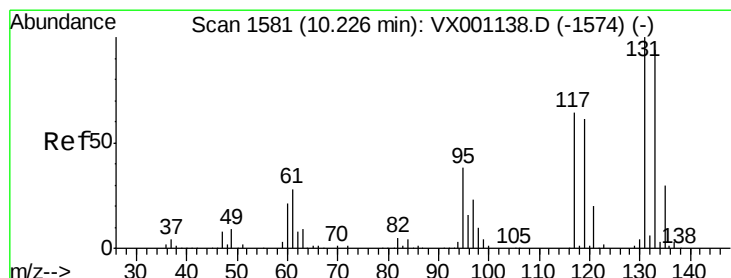
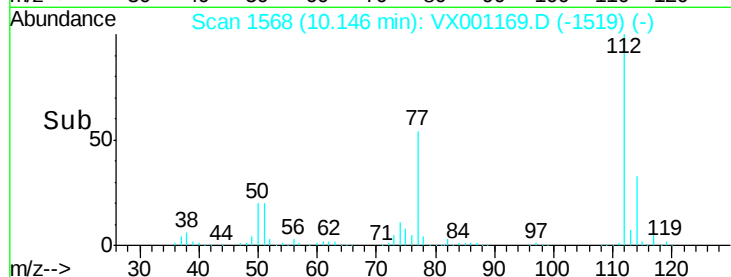
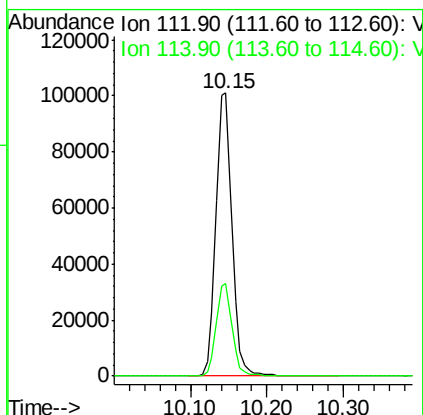
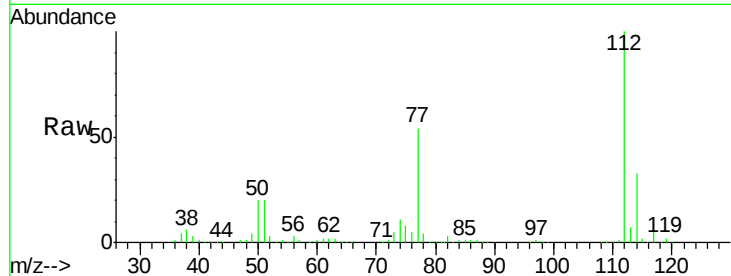




#65
Chlorobenzene
Concen: 19.971 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

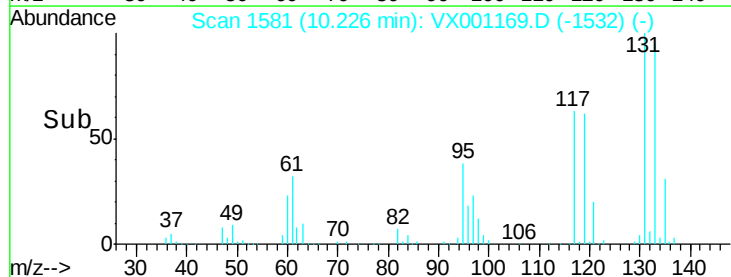
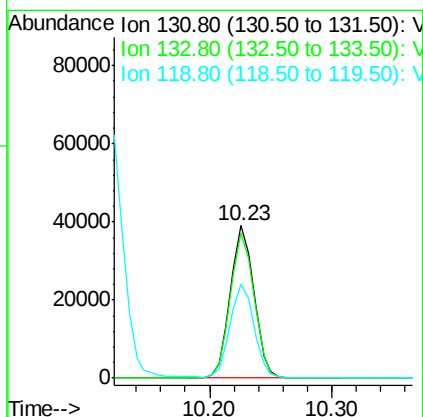
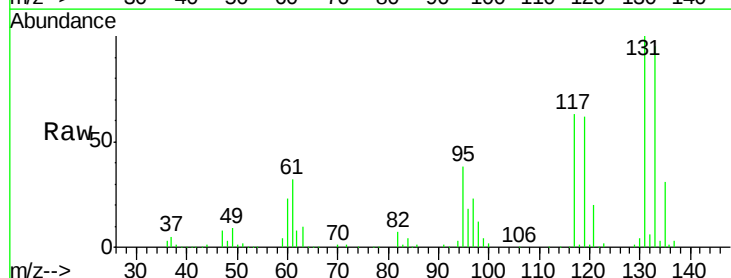
Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

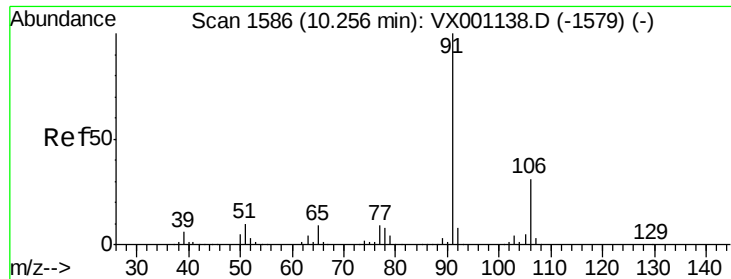
Tgt Ion:112 Resp: 147200
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.419 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion:131 Resp: 52073
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 62.9 31.3 93.8





#67

Ethyl Benzene

Concen: 20.610 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

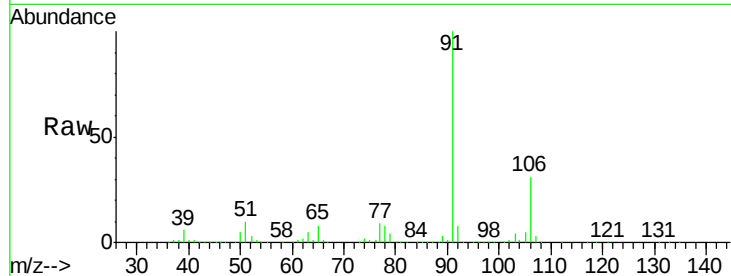
VX0427WBSD01

Tgt Ion: 91 Resp: 246817

Ion Ratio Lower Upper

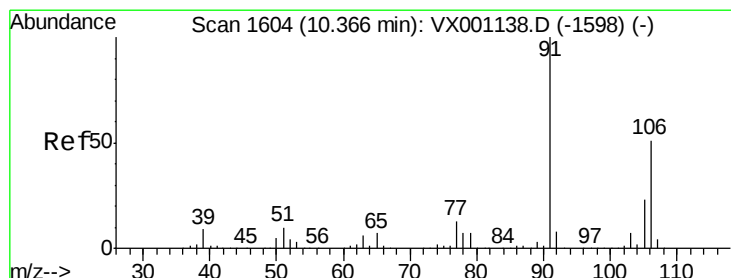
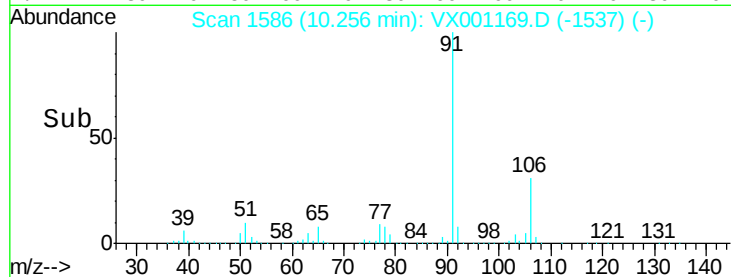
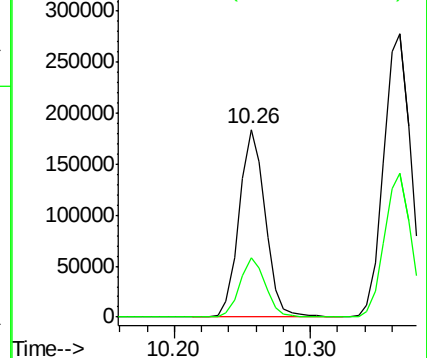
91 100

106 31.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.873 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001169.D

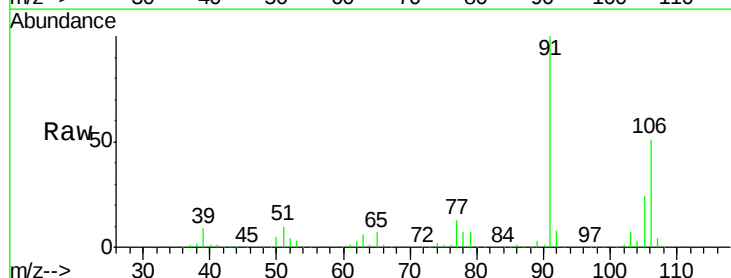
Acq: 27 Apr 2018 14:46

Tgt Ion: 106 Resp: 193511

Ion Ratio Lower Upper

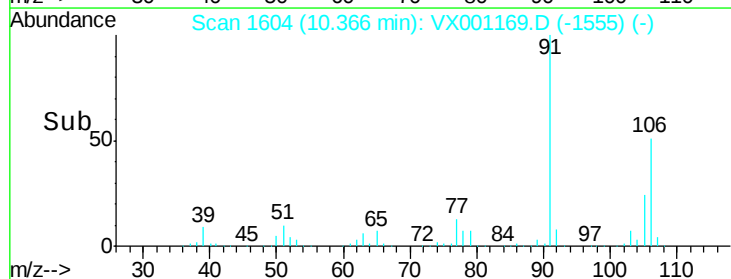
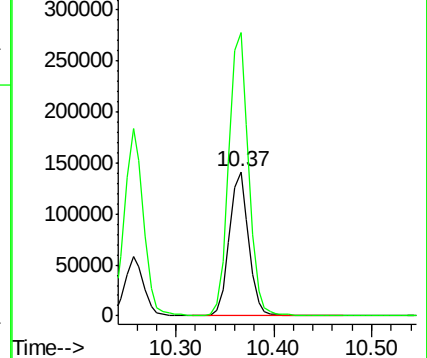
106 100

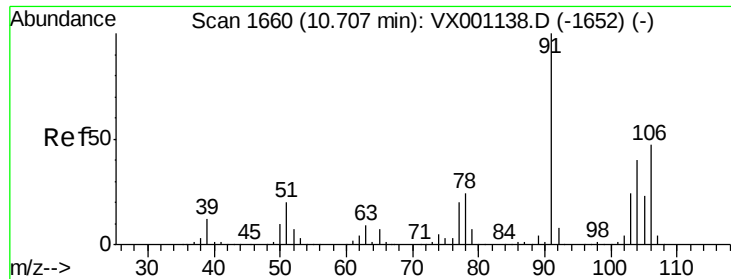
91 202.4 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

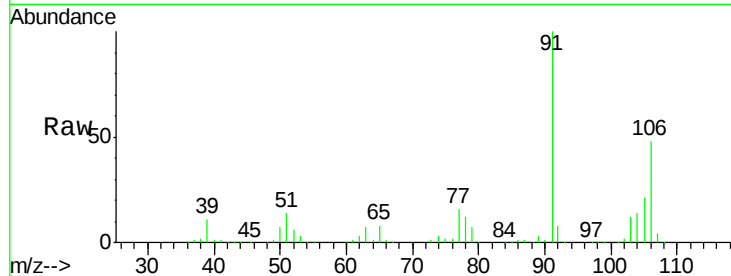




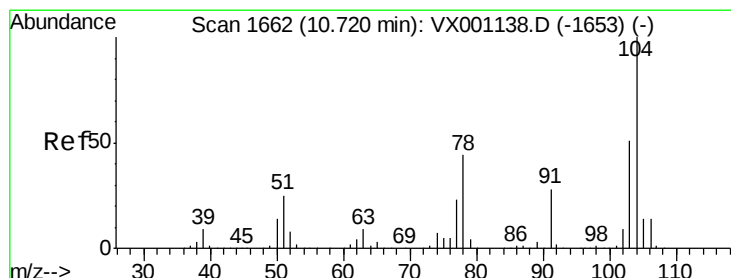
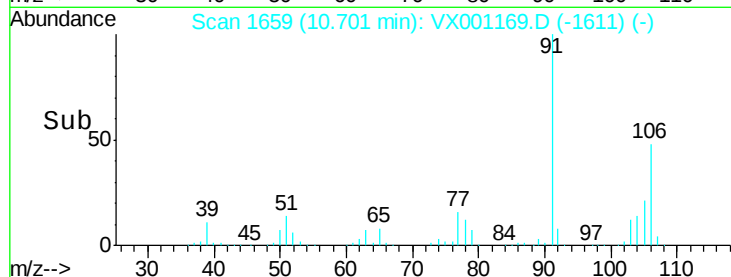
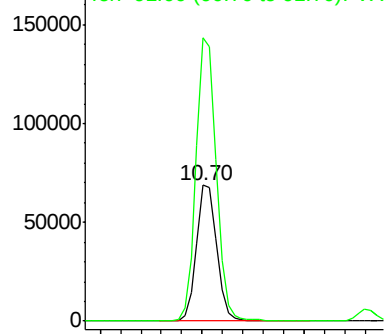
#69
o-Xylene
Concen: 20.631 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tgt Ion:106 Resp: 94741
Ion Ratio Lower Upper
106 100
91 208.1 106.2 318.5

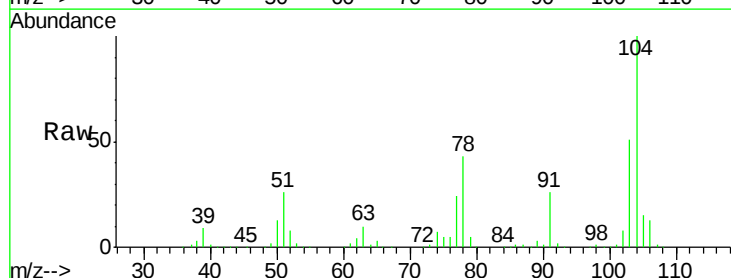


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

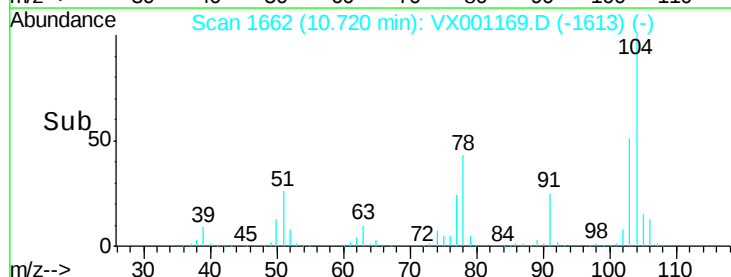
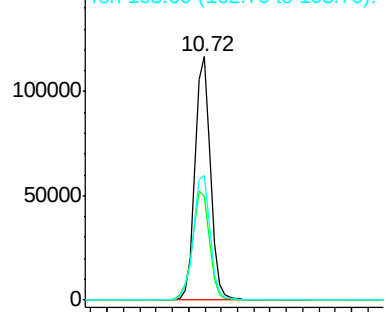


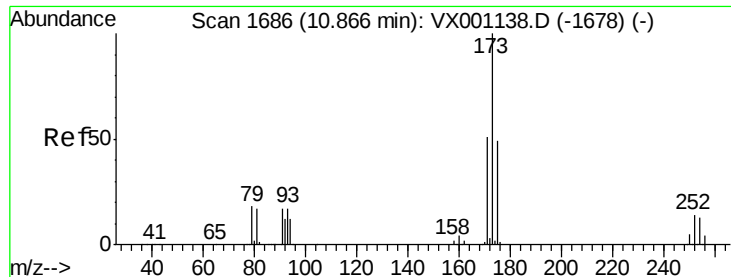
#70
Styrene
Concen: 20.158 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion:104 Resp: 154057
Ion Ratio Lower Upper
104 100
78 50.1 40.3 60.5
103 55.9 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: 18.525 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

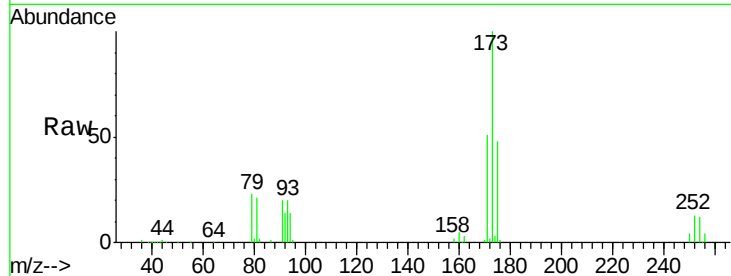
Tgt Ion:173 Resp: 40411

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

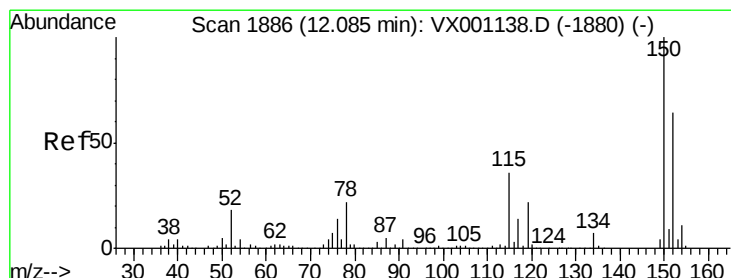
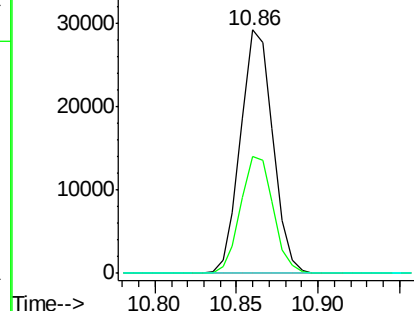
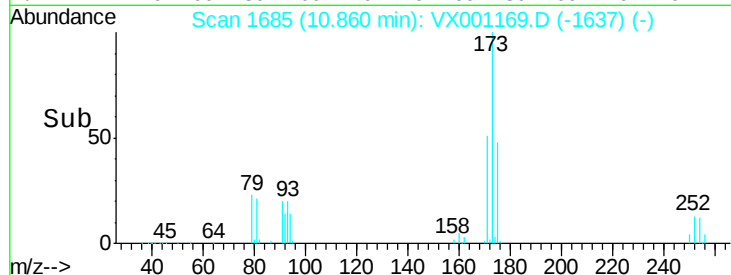
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

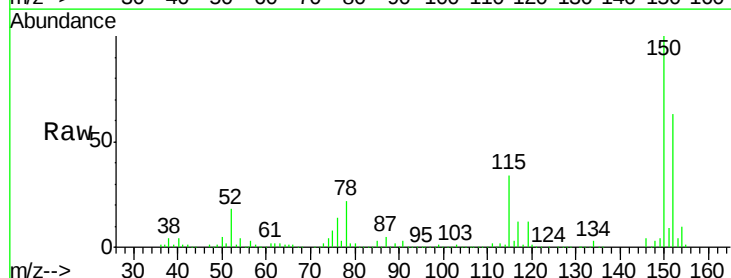
Tgt Ion:152 Resp: 192065

Ion Ratio Lower Upper

152 100

115 62.7 38.0 114.0

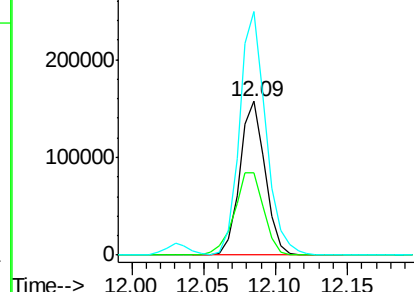
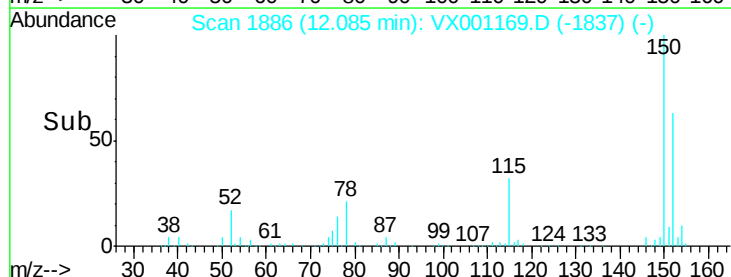
150 165.4 0.0 349.6

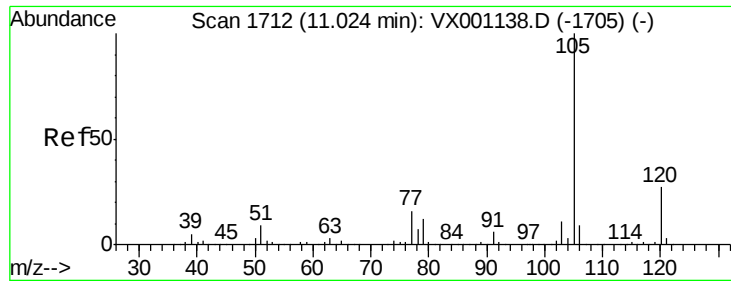


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.282 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

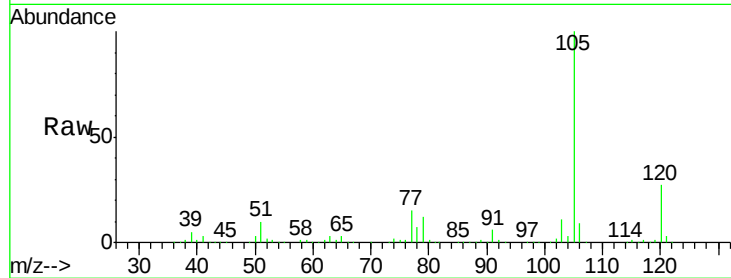
VX0427WBSD01

Tgt Ion: 105 Resp: 253897

Ion Ratio Lower Upper

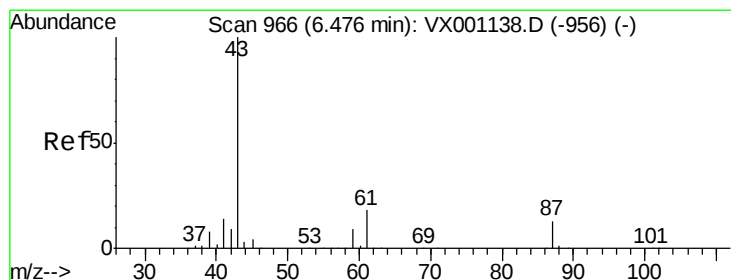
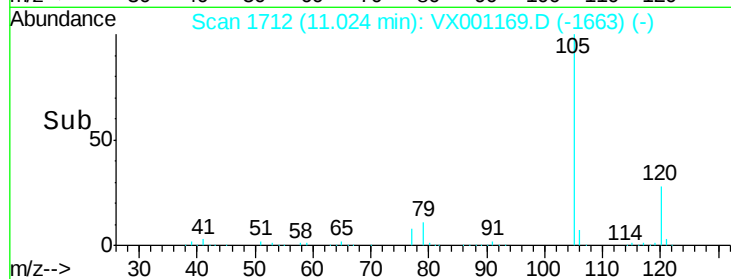
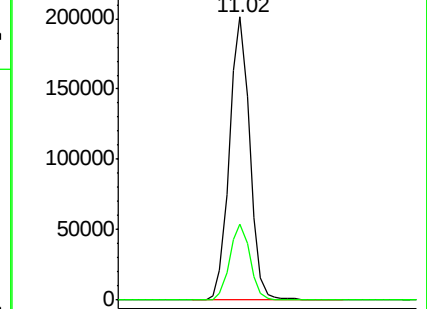
105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.979 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion: 43 Resp: 113414

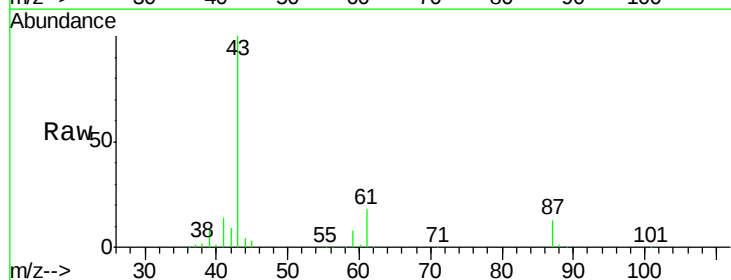
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 15.0 22.6

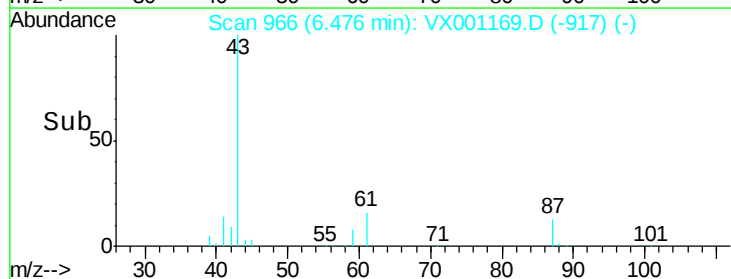
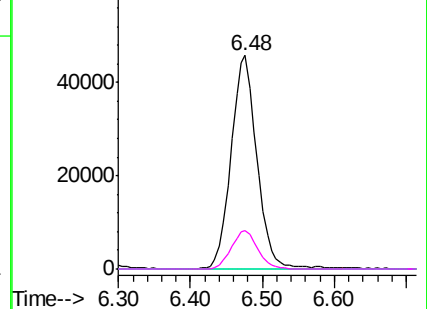


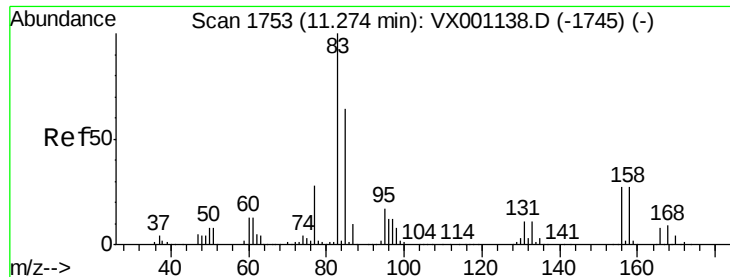
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.332 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

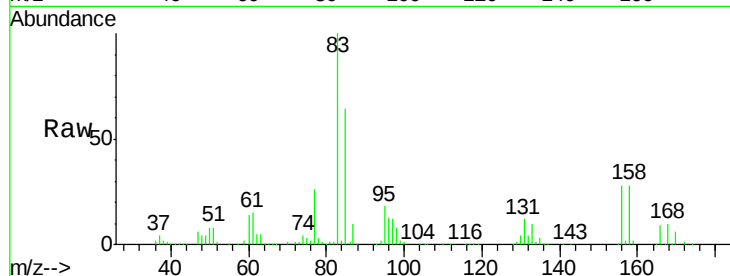
Tgt Ion: 83 Resp: 76144

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

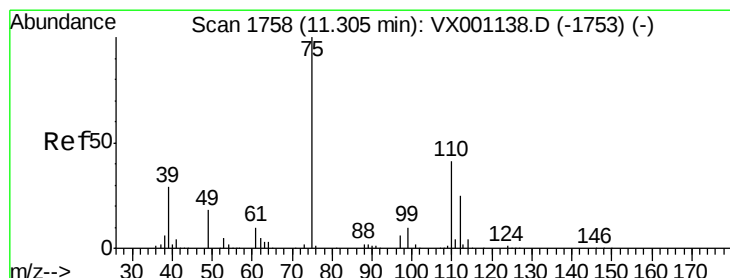
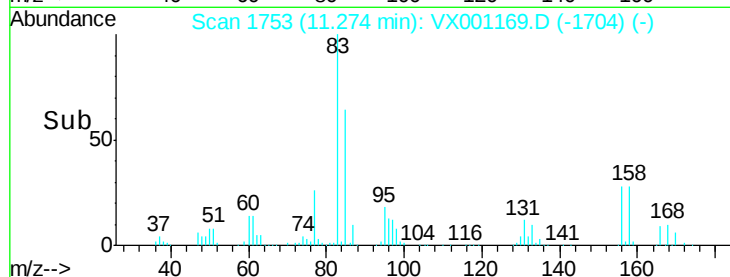
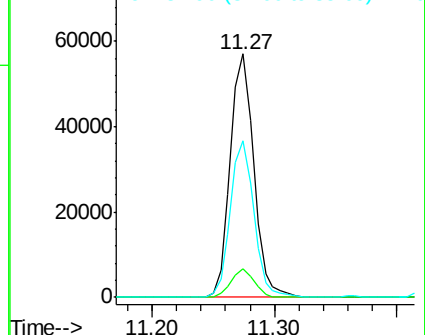
85 64.4 32.1 96.3



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: 21.619 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001169.D

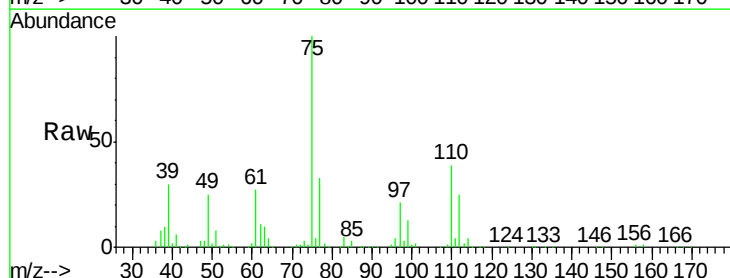
Acq: 27 Apr 2018 14:46

Tgt Ion: 75 Resp: 84551

Ion Ratio Lower Upper

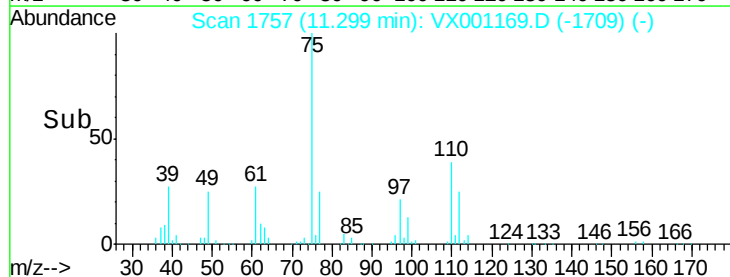
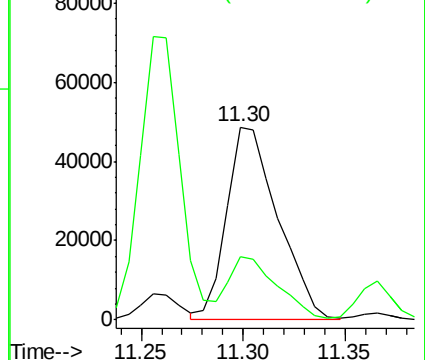
75 100

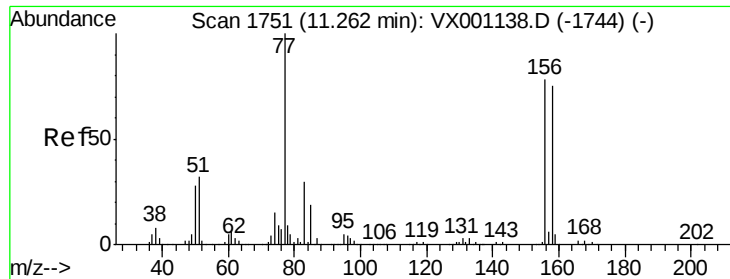
77 30.8 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.808 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

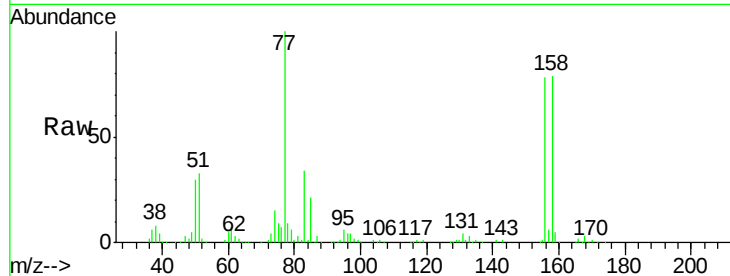
Tgt Ion:156 Resp: 73533

Ion Ratio Lower Upper

156 100

77 133.8 67.8 203.2

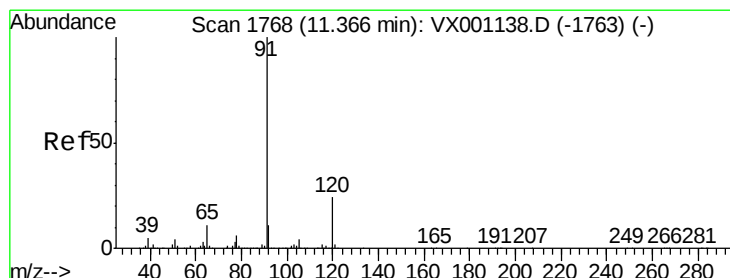
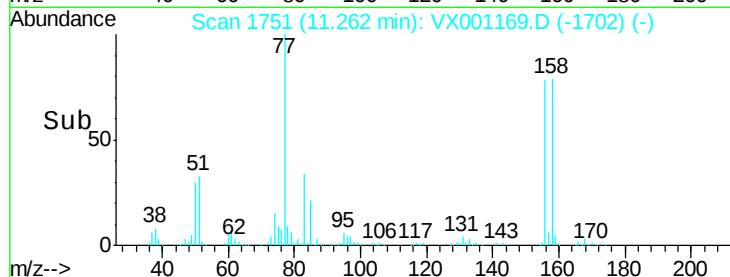
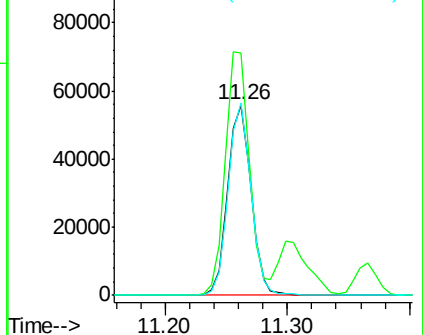
158 98.2 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.703 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001169.D

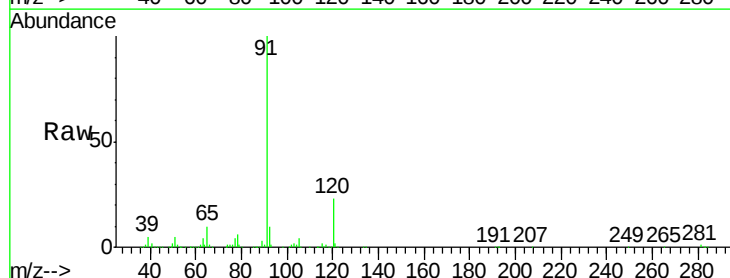
Acq: 27 Apr 2018 14:46

Tgt Ion: 91 Resp: 288992

Ion Ratio Lower Upper

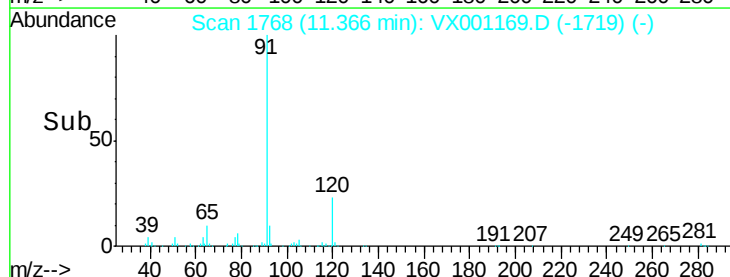
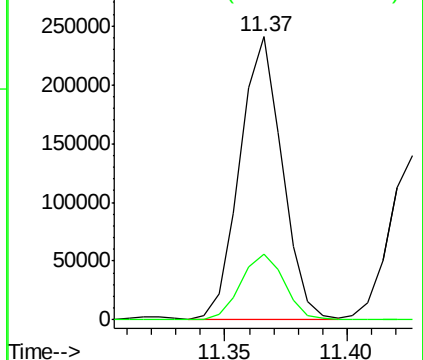
91 100

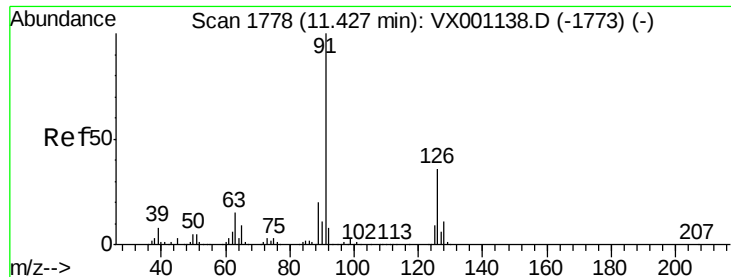
120 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.907 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

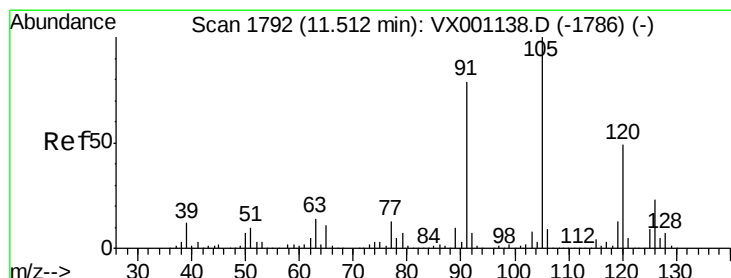
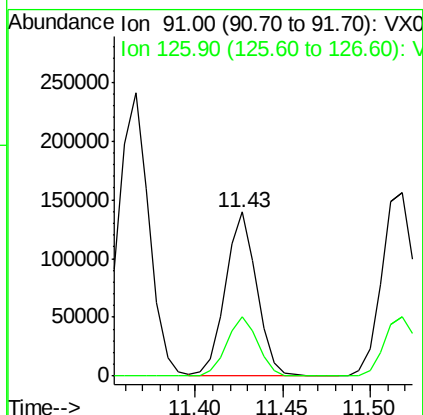
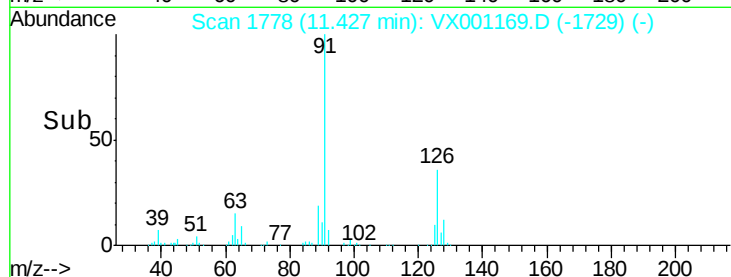
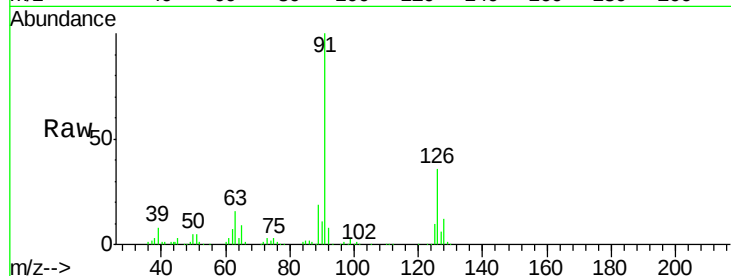
VX0427WBSD01

Tgt Ion: 91 Resp: 172259

Ion Ratio Lower Upper

91 100

126 36.2 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 20.256 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001169.D

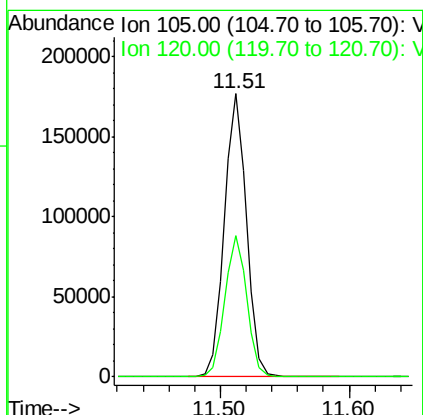
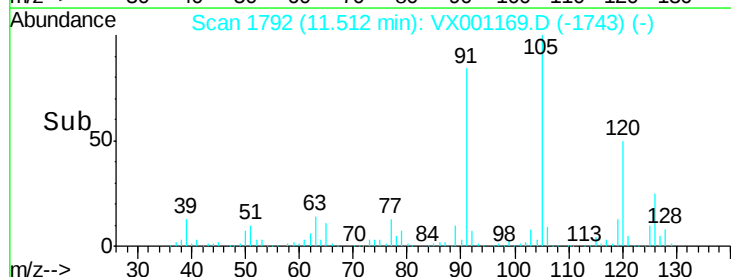
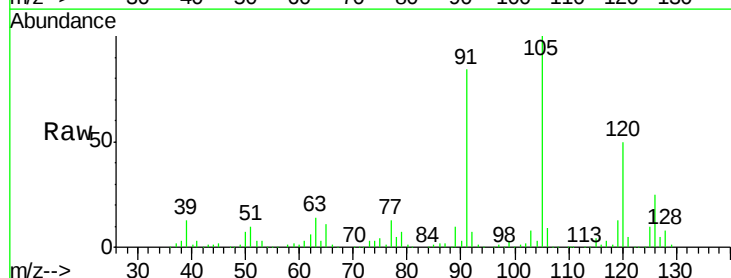
Acq: 27 Apr 2018 14:46

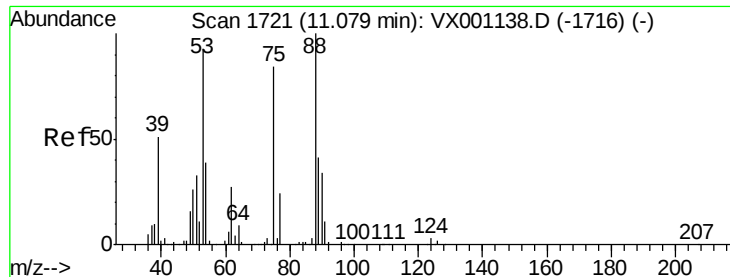
Tgt Ion: 105 Resp: 214693

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.202 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

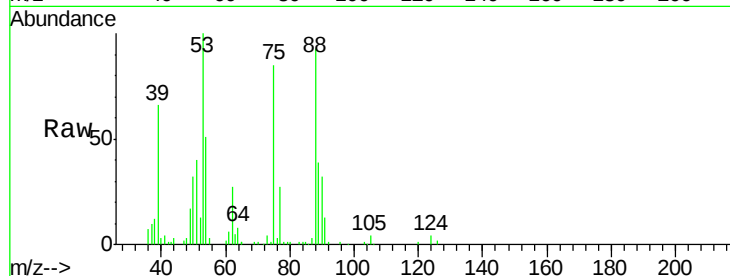
Tgt Ion: 75 Resp: 16519

Ion Ratio Lower Upper

75 100

53 126.4 87.9 131.9

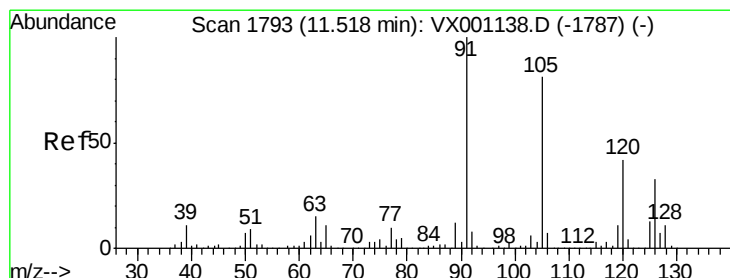
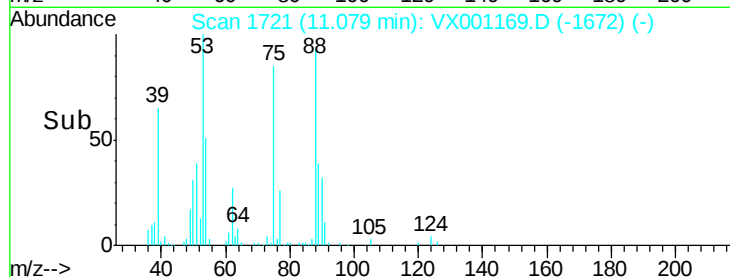
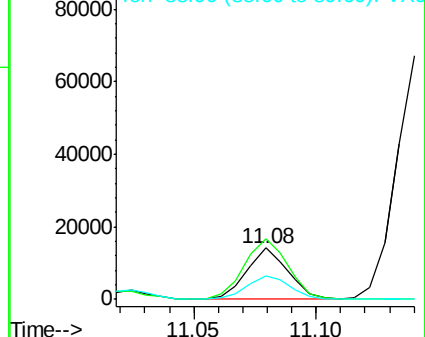
89 48.9 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.980 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001169.D

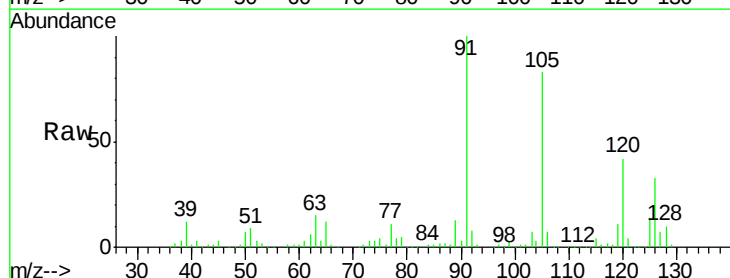
Acq: 27 Apr 2018 14:46

Tgt Ion: 91 Resp: 205501

Ion Ratio Lower Upper

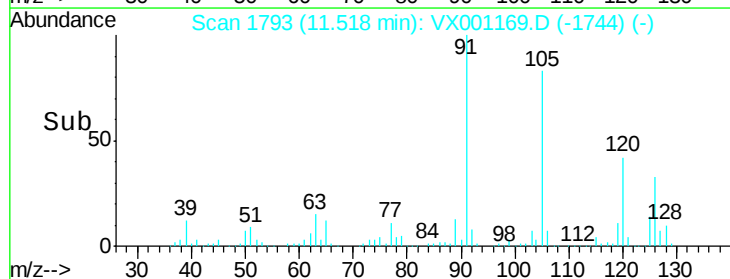
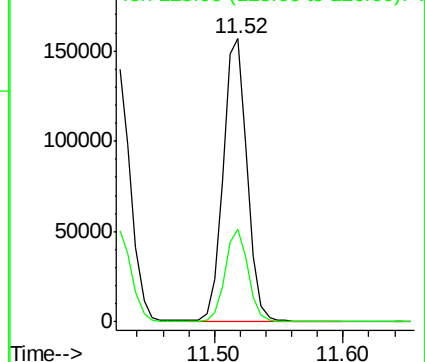
91 100

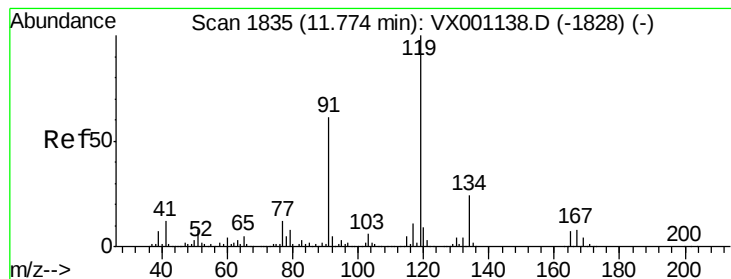
126 31.4 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.733 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

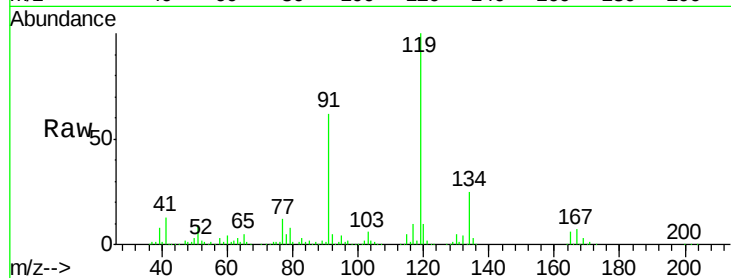
Tgt Ion:119 Resp: 208716

Ion Ratio Lower Upper

119 100

91 58.8 27.6 82.8

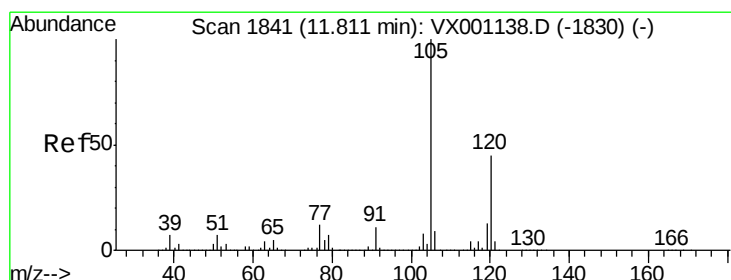
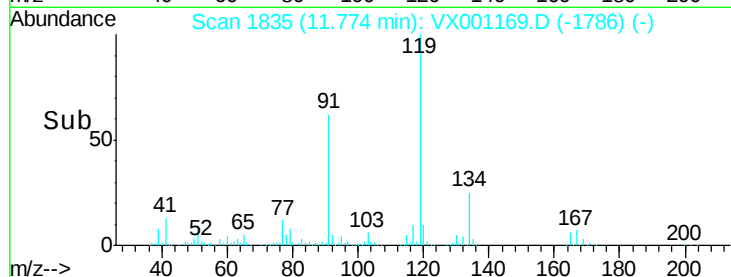
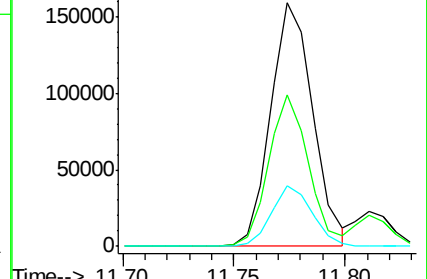
134 24.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.468 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001169.D

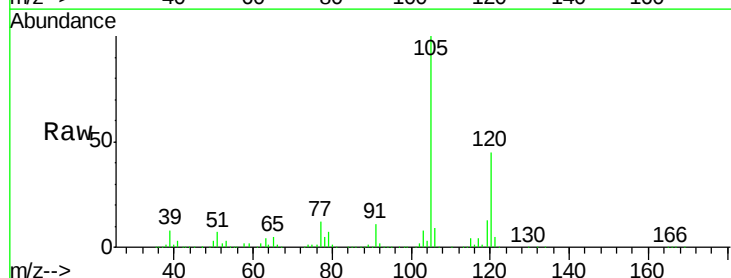
Acq: 27 Apr 2018 14:46

Tgt Ion:105 Resp: 222981

Ion Ratio Lower Upper

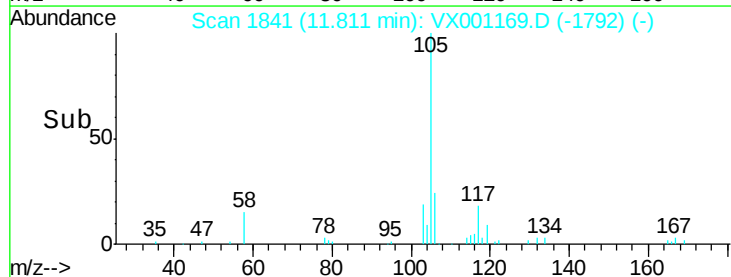
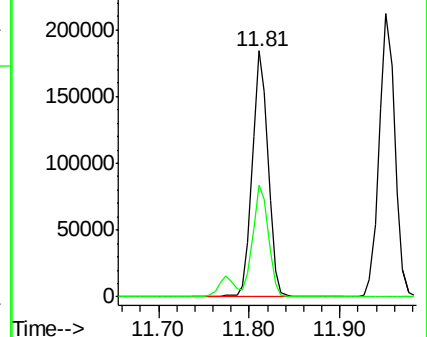
105 100

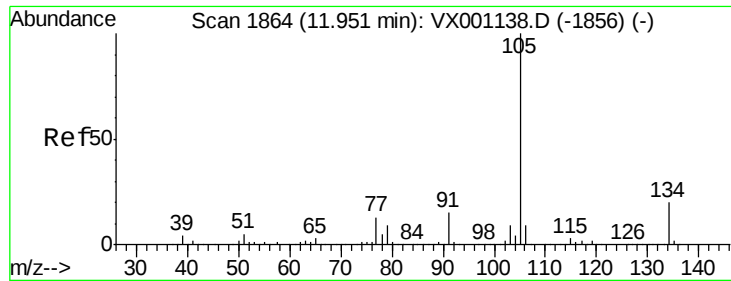
120 44.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

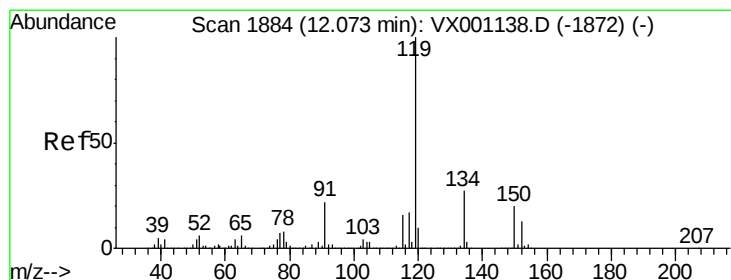
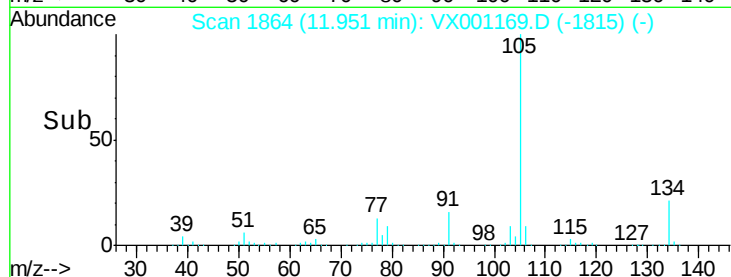
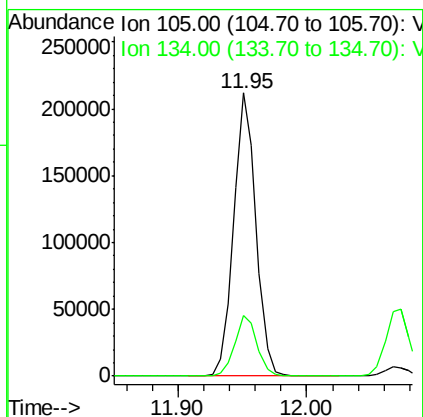
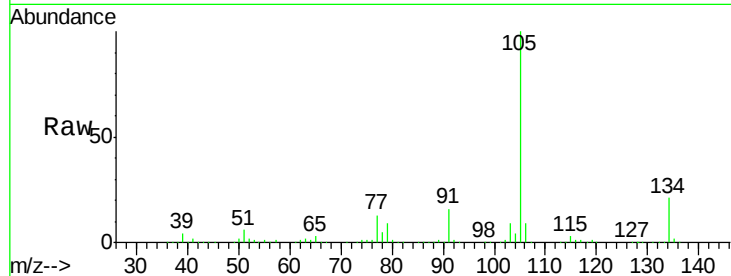




#85
 sec-Butylbenzene
 Concen: 20.624 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

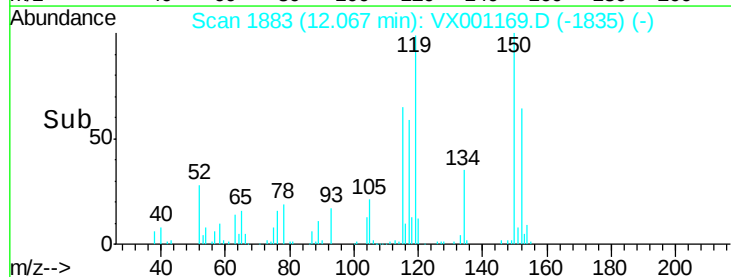
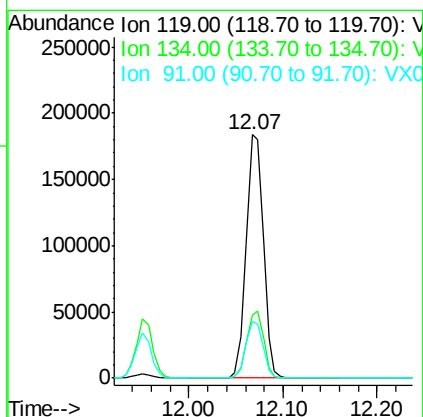
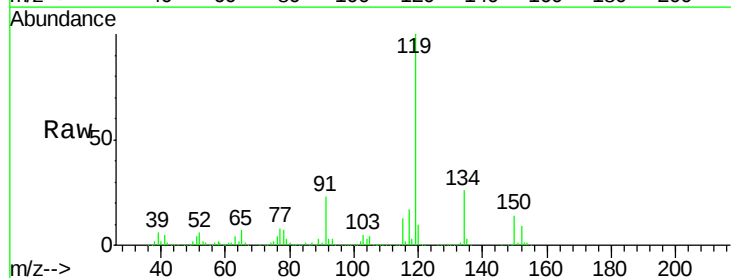
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

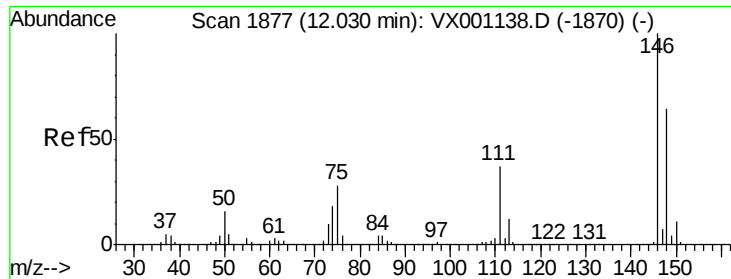
Tgt Ion:105 Resp: 254835
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.394 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion:119 Resp: 234413
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.2 11.6 34.8

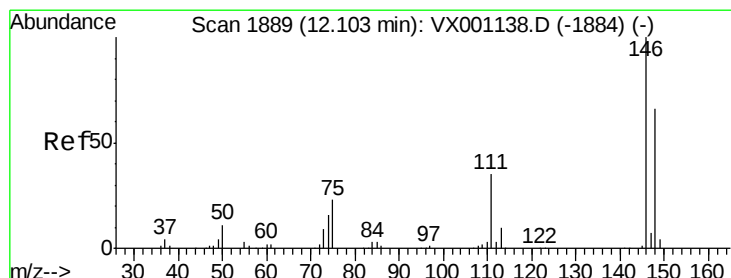
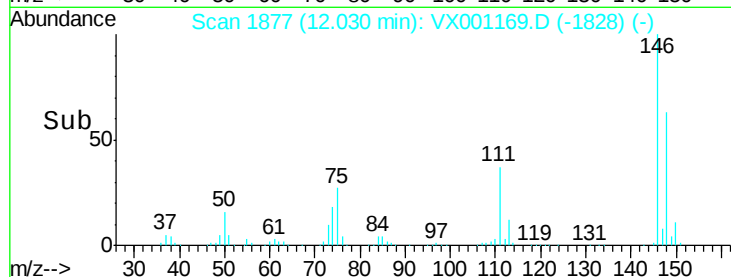
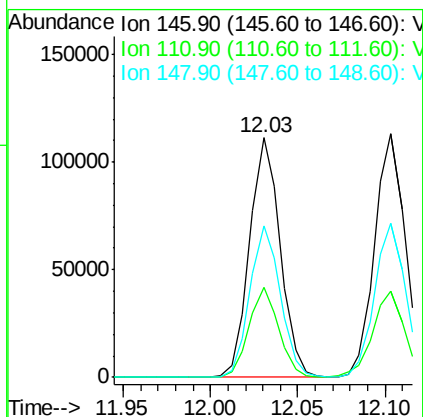
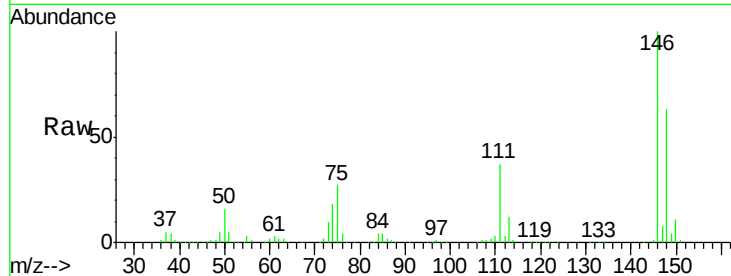




#87
 1,3-Dichlorobenzene
 Concen: 20.341 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

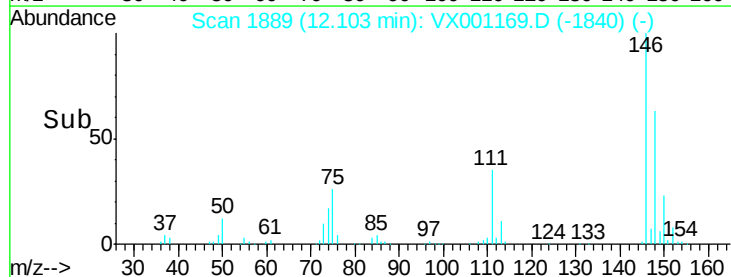
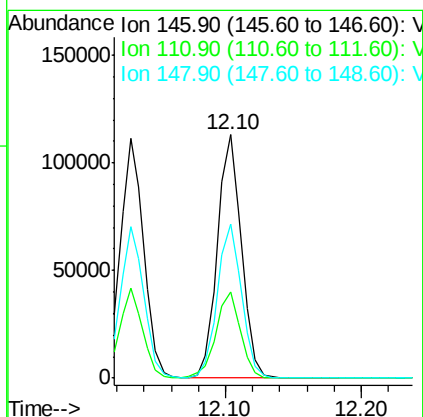
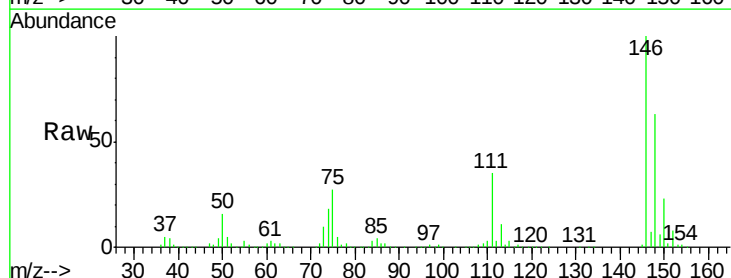
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

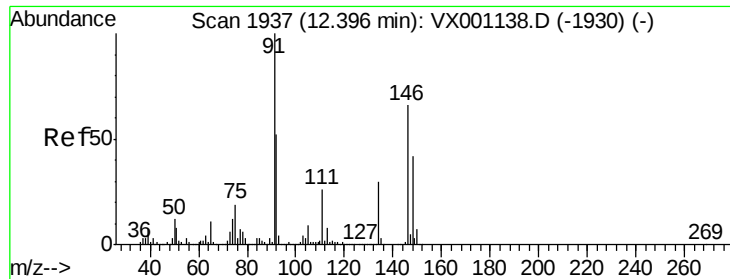
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	56.0
148	63.3	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.920 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.0	54.0
148	64.1	32.5	97.5





#89

n-Butylbenzene

Concen: 20.112 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

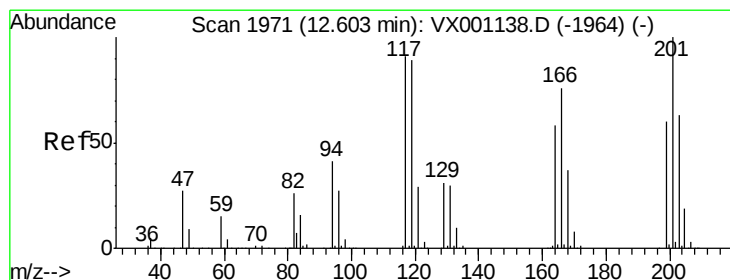
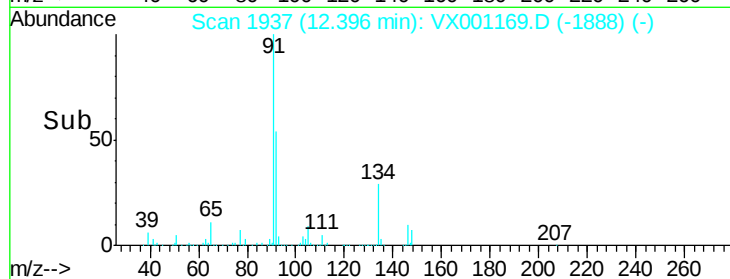
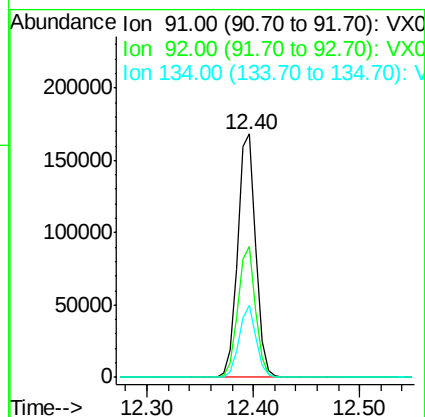
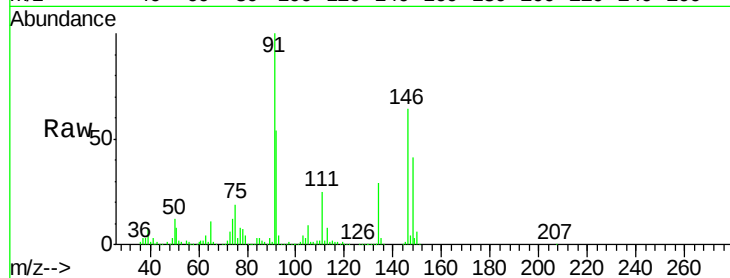
Tgt Ion: 91 Resp: 200078

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.6

134 27.8 14.1 42.3



#90

Hexachloroethane

Concen: 19.780 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001169.D

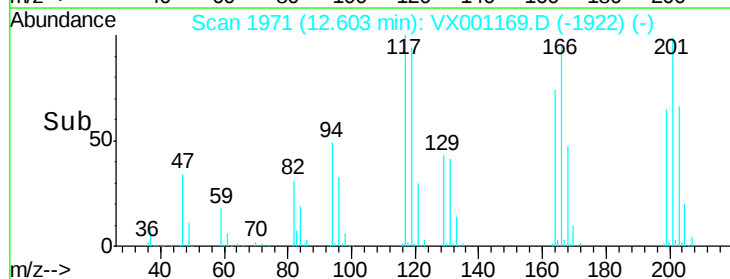
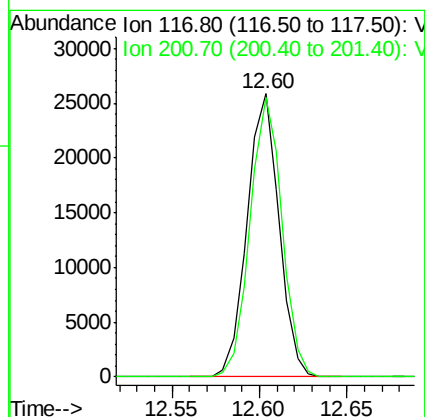
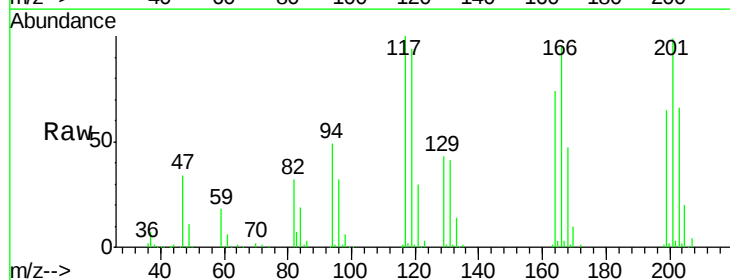
Acq: 27 Apr 2018 14:46

Tgt Ion: 117 Resp: 32628

Ion Ratio Lower Upper

117 100

201 98.9 51.8 155.4

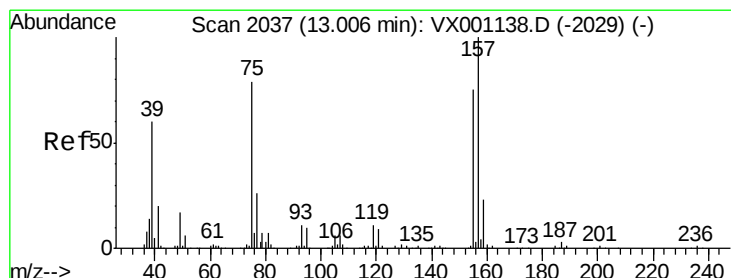
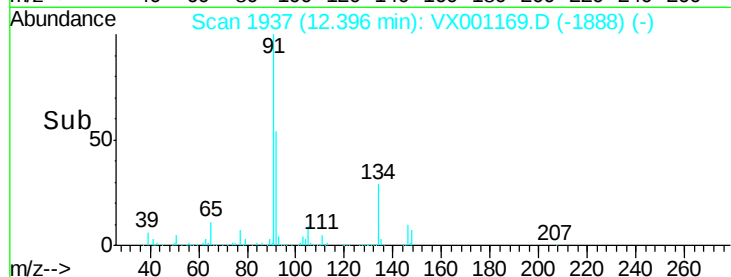
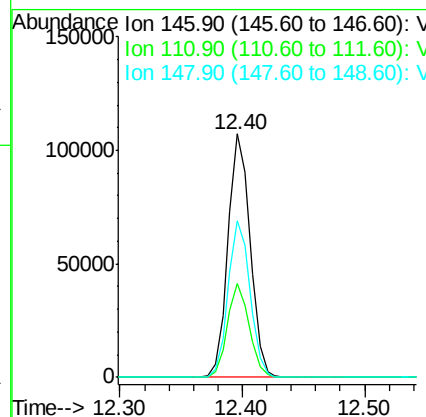
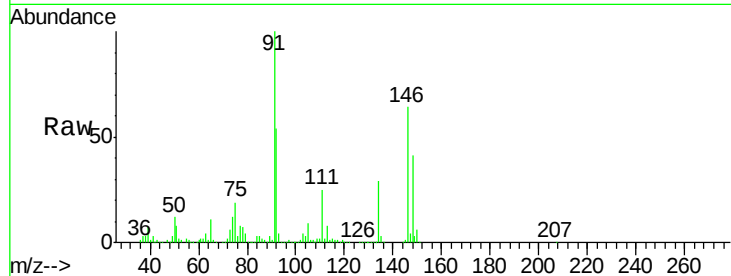




#91
 1,2-Dichlorobenzene
 Concen: 19.954 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

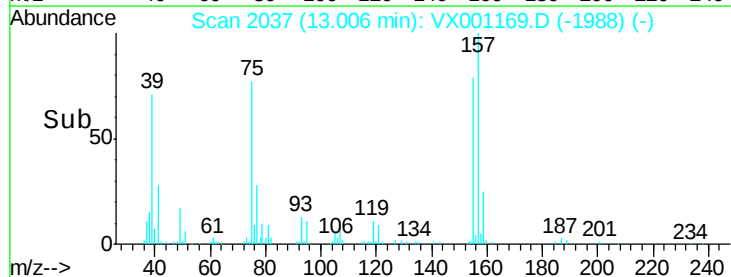
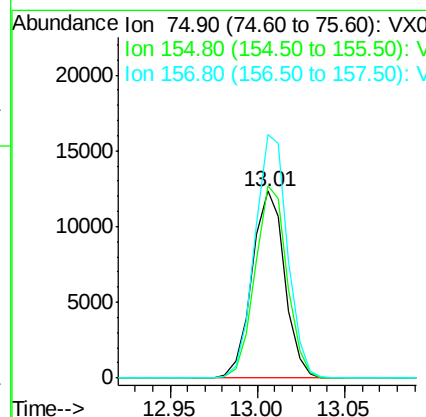
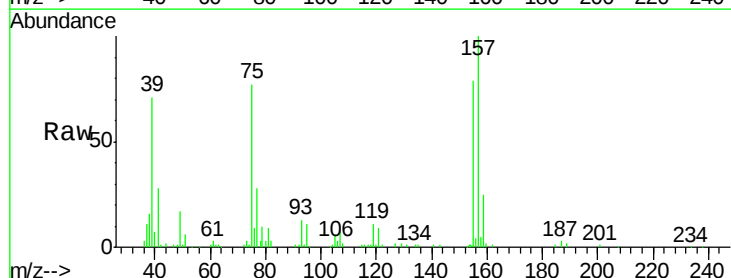
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

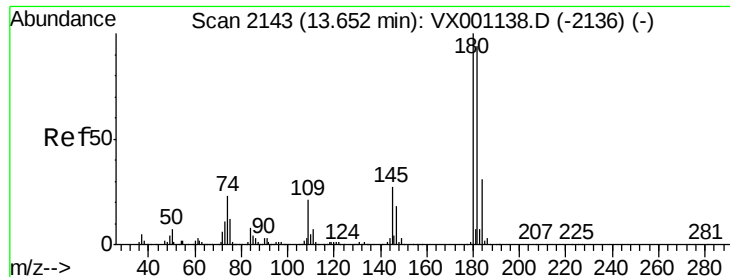
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	63.8	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.424 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	48.4	145.3
157	130.5	62.7	188.1

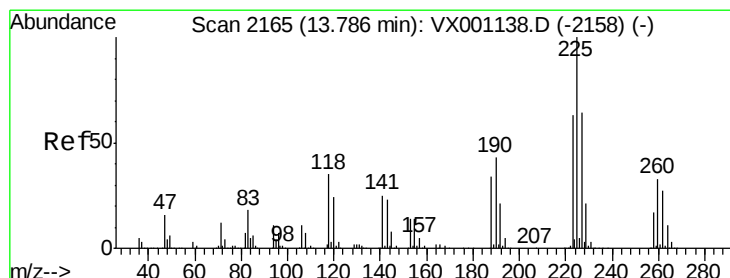
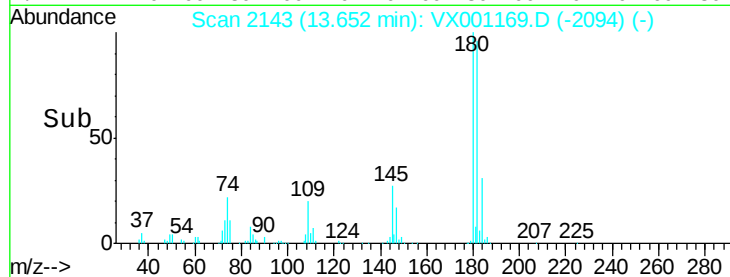
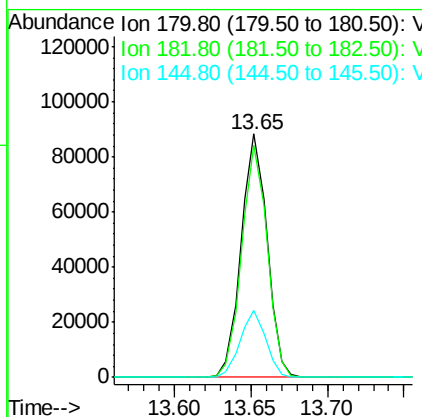
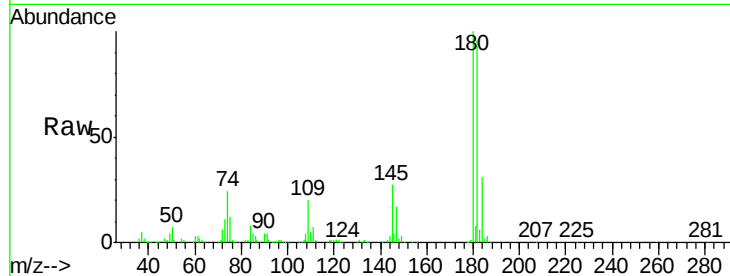




#93
 1,2,4-Trichlorobenzene
 Concen: 19.653 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

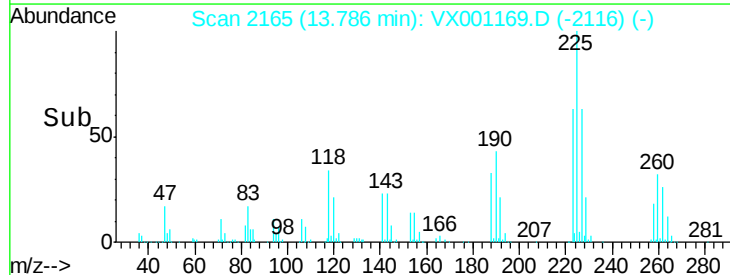
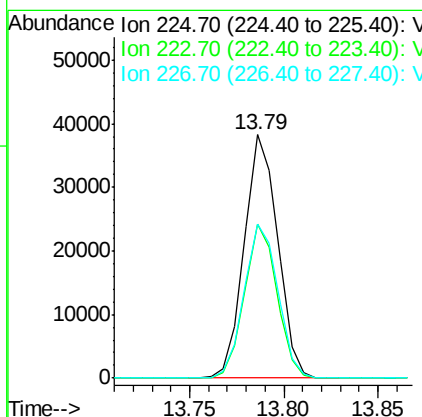
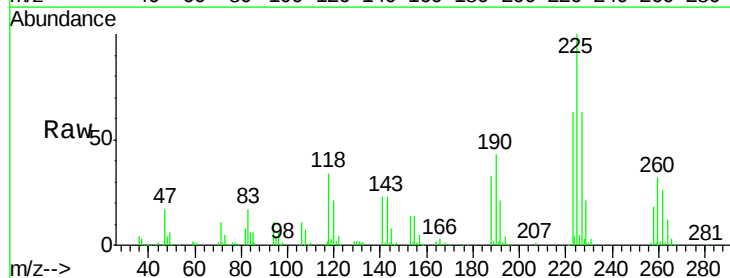
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

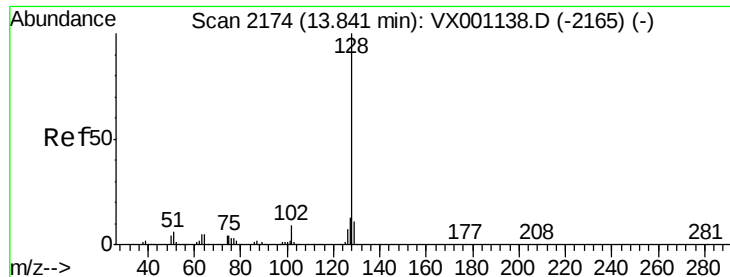
Tgt Ion:180 Resp: 103780
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.6
 145 27.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 19.012 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion:225 Resp: 47191
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.9
 227 64.1 32.2 96.6

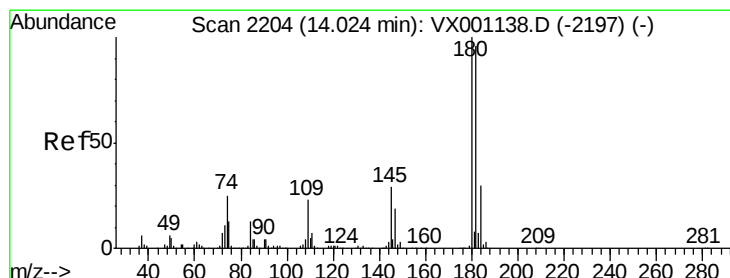
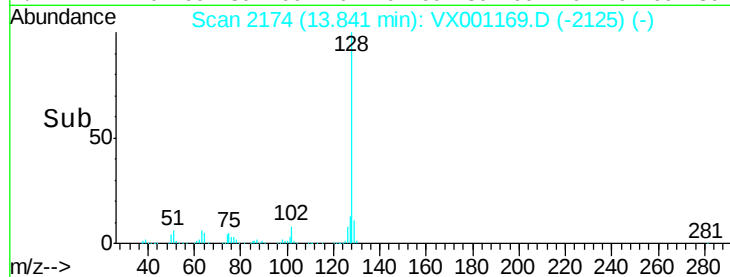
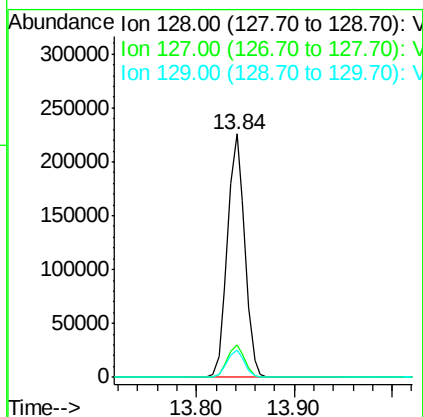
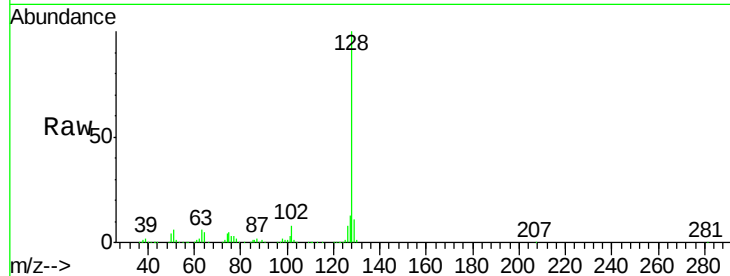




#95
Naphthalene
Concen: 18.888 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tgt Ion:128 Resp: 277900
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.623 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion:180 Resp: 103119
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 29.1 14.5 43.5

