

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002898.D
 Acq On : 26 Jun 2018 15:42
 Operator : JC/MD
 Sample : VX0626WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:38:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186014	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	5.51	113	147981	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	8.72	98	533526	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.14	95	201428	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43826	18.51	ug/l	99
3) Chloromethane	1.32	50	46965	18.55	ug/l	99
4) Vinyl Chloride	1.40	62	53261	17.95	ug/l	89
5) Bromomethane	1.64	94	25672	16.72	ug/l	97
6) Chloroethane	1.72	64	35907	19.32	ug/l	99
7) Trichlorofluoromethane	1.93	101	95731	19.12	ug/l	99
8) Diethyl Ether	2.19	74	34410	18.91	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53366	18.40	ug/l	99
10) Methyl Iodide	2.51	142	38068	17.55	ug/l	98
11) Tert butyl alcohol	3.07	59	74173	102.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47030	18.17	ug/l	96
13) Acrolein	2.29	56	51415	130.40	ug/l	100
14) Allyl chloride	2.73	41	97285	19.07	ug/l	99
15) Acrylonitrile	3.15	53	154031	99.79	ug/l	100
16) Acetone	2.45	43	164015	109.18	ug/l	100
17) Carbon Disulfide	2.57	76	126279	18.31	ug/l	96
18) Methyl Acetate	2.78	43	90043	21.44	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	179418	19.28	ug/l	100
20) Methylene Chloride	2.86	84	55789	19.08	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51909	18.41	ug/l	97
22) Diisopropyl ether	3.87	45	186788	19.15	ug/l	95
23) Vinyl Acetate	3.82	43	784517	95.00	ug/l	99
24) 1,1-Dichloroethane	3.70	63	102965	19.42	ug/l	99
25) 2-Butanone	4.71	43	227851	102.20	ug/l	98
26) 2,2-Dichloropropane	4.59	77	80623	18.70	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59603	18.86	ug/l	98
28) Bromochloromethane	5.02	49	51294	20.22	ug/l	98
29) Tetrahydrofuran	5.17	42	140310	98.14	ug/l	98
30) Chloroform	5.22	83	106262	19.53	ug/l	100
31) Cyclohexane	5.57	56	83568	18.37	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	91692	19.16	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73232	18.37	ug/l	99
37) Ethyl Acetate	4.87	43	84815	19.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	81857	18.71	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85588	18.43	ug/l	96
40) Benzene	6.15	78	222095	19.18	ug/l	98
41) Methacrylonitrile	5.07	41	47528	19.23	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88293	18.87	ug/l	99
43) Isopropyl Acetate	6.47	43	135882	18.88	ug/l	99
44) Trichloroethene	7.22	130	63387	18.36	ug/l	100
45) 1,2-Dichloropropane	7.52	63	58787	19.13	ug/l	98
46) Dibromomethane	7.67	93	40309	18.90	ug/l	98
47) Bromodichloromethane	7.90	83	75194	19.08	ug/l	98
48) Methyl methacrylate	7.78	41	70696	19.06	ug/l	99
49) 1,4-Dioxane	7.76	88	28280	391.90	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	449383	99.78	ug/l	100
52) Toluene	8.79	92	142633	19.22	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	85662	19.19	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	78521	18.28	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59205	19.42	ug/l	99
56) Ethyl methacrylate	9.18	69	84741	19.02	ug/l	97
57) 1,3-Dichloropropane	9.38	76	97148	19.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	216461	100.69	ug/l	98
59) 2-Hexanone	9.50	43	344601	100.68	ug/l	98
60) Dibromochloromethane	9.59	129	60164	18.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61098	19.10	ug/l	98
64) Tetrachloroethene	9.34	164	72578	18.86	ug/l	96
65) Chlorobenzene	10.14	112	164764	18.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60592	18.97	ug/l	100
67) Ethyl Benzene	10.26	91	277195	19.08	ug/l	100
68) m/p-Xylenes	10.36	106	212493	37.96	ug/l	100
69) o-Xylene	10.70	106	103569	19.00	ug/l	100
70) Styrene	10.71	104	169872	19.18	ug/l	99
71) Bromoform	10.86	173	47369	19.04	ug/l	99
73) Isopropylbenzene	11.02	105	286386	19.92	ug/l	100
74) N-amyl acetate	6.47	43	135882	19.31	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88553	19.99	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96771	25.00	ug/l	80
77) Bromobenzene	11.26	156	78156	19.09	ug/l	99
78) n-propylbenzene	11.37	91	323097	19.74	ug/l	100
79) 2-Chlorotoluene	11.43	91	192954	19.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	240281	19.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20186	17.47	ug/l	91
82) 4-Chlorotoluene	11.51	91	226310	19.29	ug/l	99
83) tert-Butylbenzene	11.77	119	235361	19.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	245055	19.53	ug/l	99
85) sec-Butylbenzene	11.95	105	285921	19.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	260000	19.97	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	143751	19.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145610	18.92	ug/l	100
89) n-Butylbenzene	12.39	91	214107	18.90	ug/l	100
90) Hexachloroethane	12.60	117	35335	18.25	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	144111	19.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18551	18.63	ug/l	98

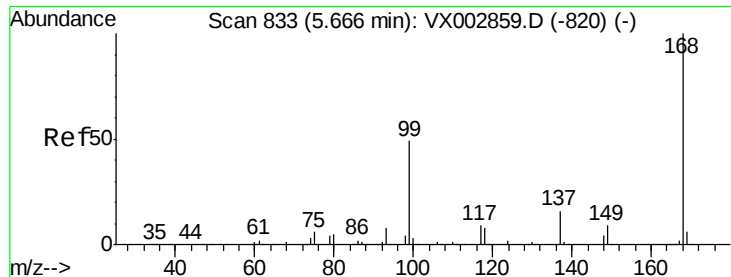
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103410	18.82	ug/l	100
94) Hexachlorobutadiene	13.79	225	50280	18.35	ug/l	99
95) Naphthalene	13.84	128	288632	19.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104882	19.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

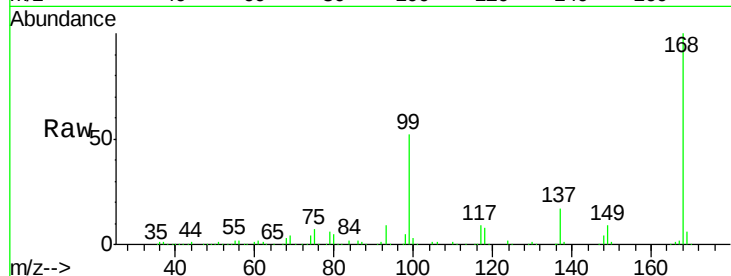
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 262442

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

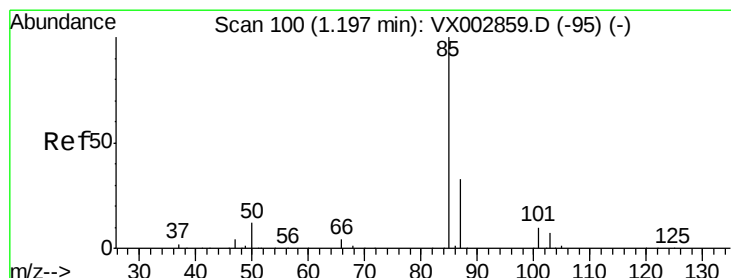
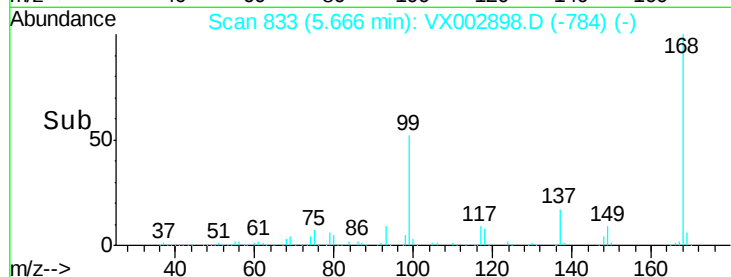
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002898.D

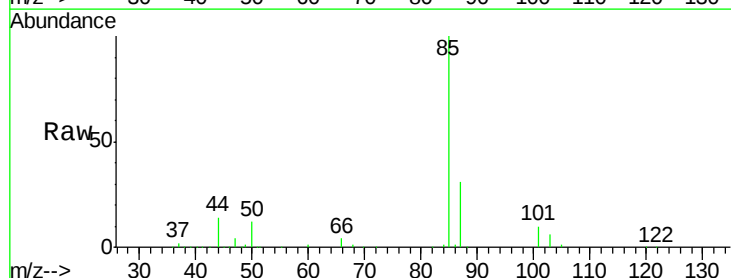
Acq: 26 Jun 2018 15:42

Tgt Ion: 85 Resp: 43826

Ion Ratio Lower Upper

85 100

87 31.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

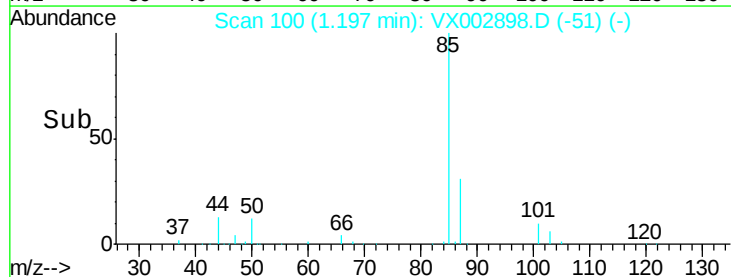
30000

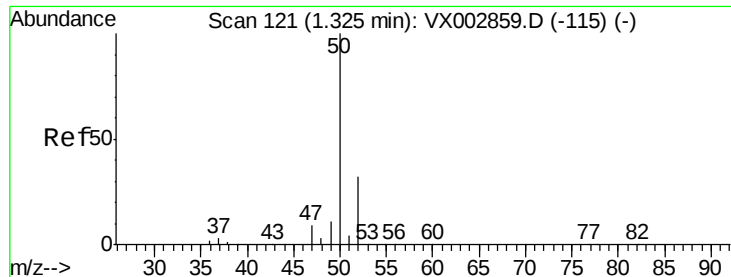
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

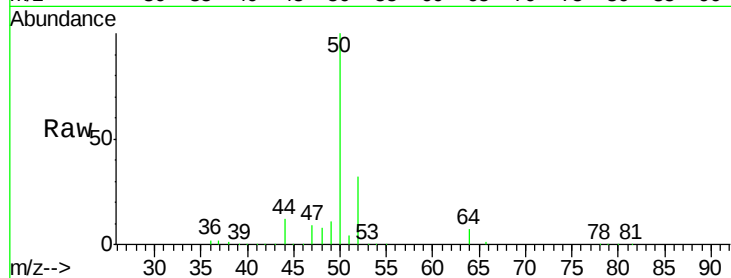
ClientSampleId :

Tot Ion: 50 Resp: 46965

Ion Ratio Lower Upper

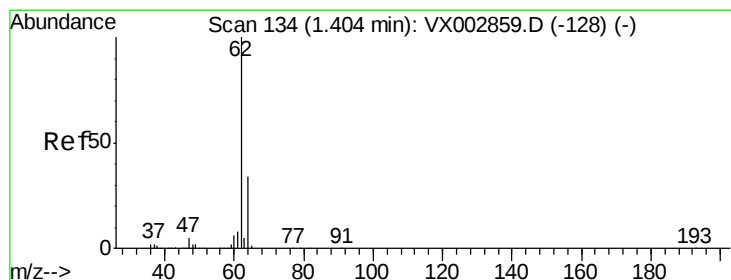
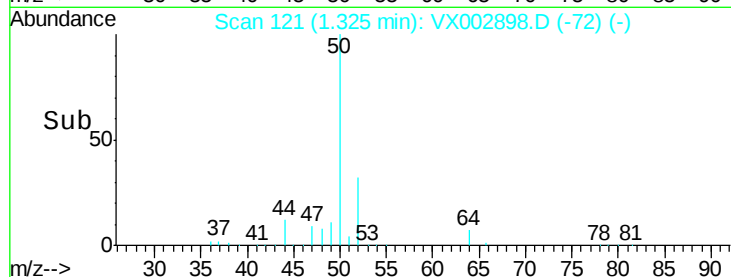
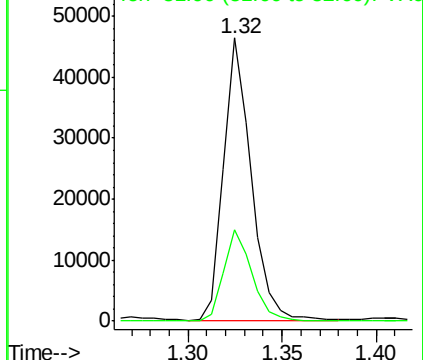
50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002898.D

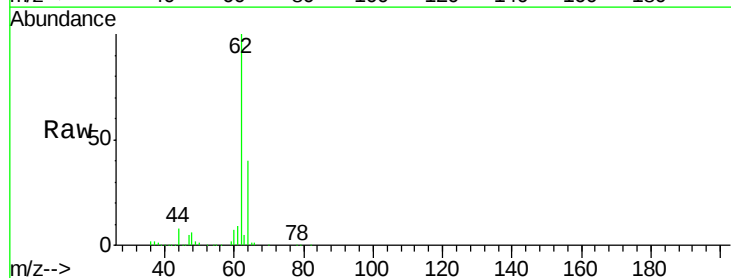
Acq: 26 Jun 2018 15:42

Tgt Ion: 62 Resp: 53261

Ion Ratio Lower Upper

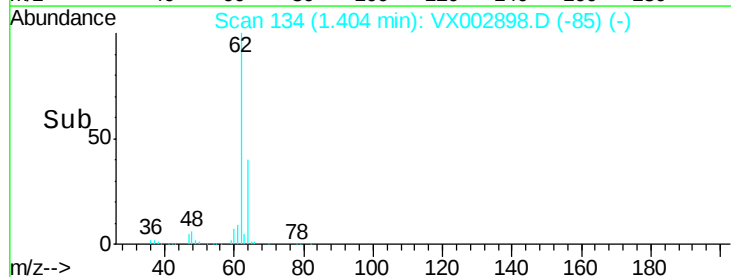
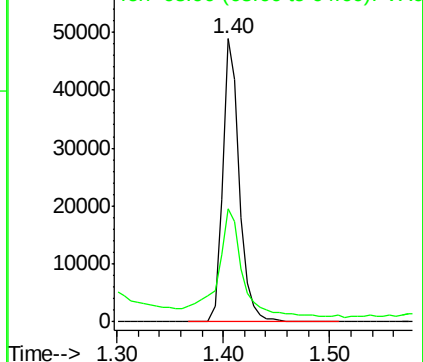
62 100

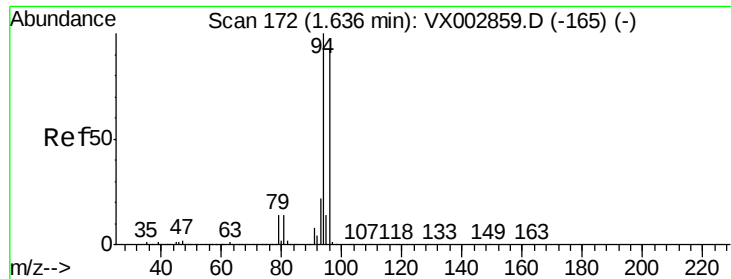
64 37.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.72 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

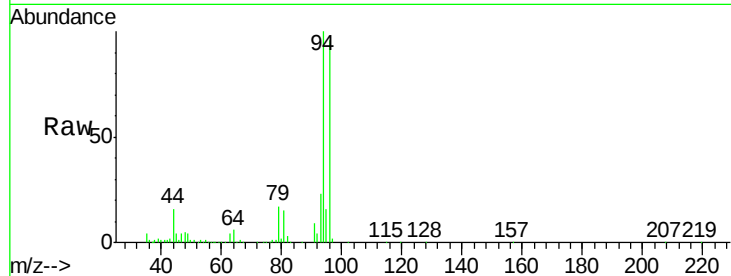
ClientSampled :

Tot Ion: 94 Resp: 25672

Ion Ratio Lower Upper

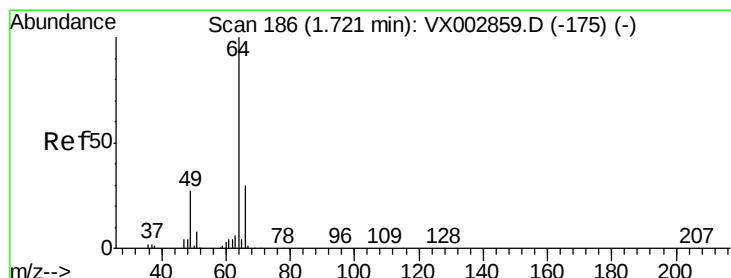
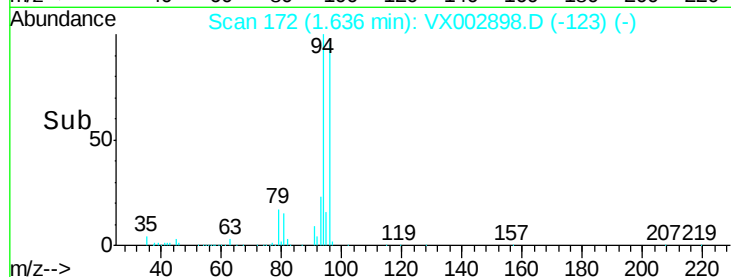
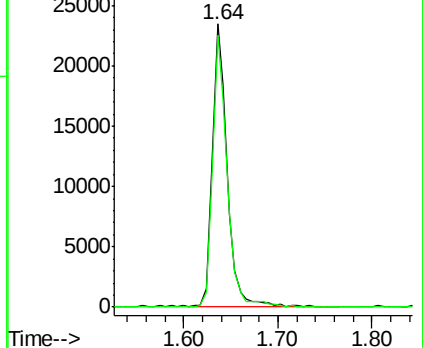
94 100

96 96.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.32 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002898.D

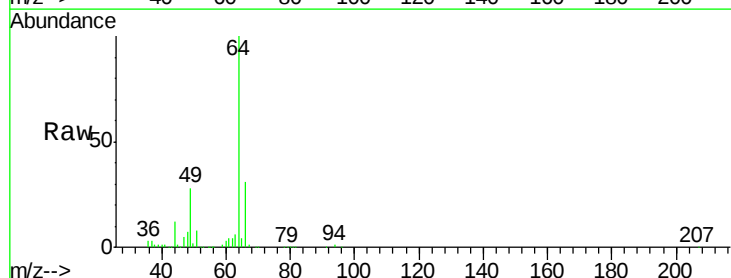
Acq: 26 Jun 2018 15:42

Tgt Ion: 64 Resp: 35907

Ion Ratio Lower Upper

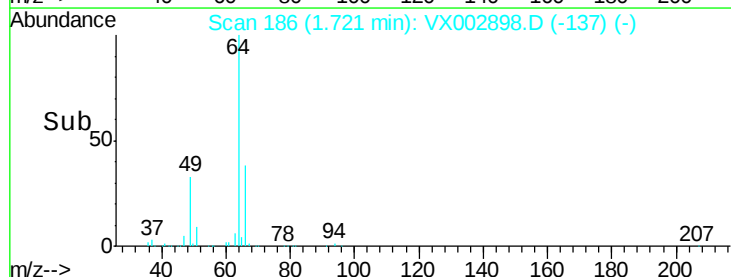
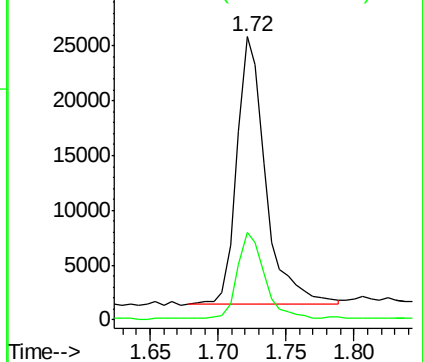
64 100

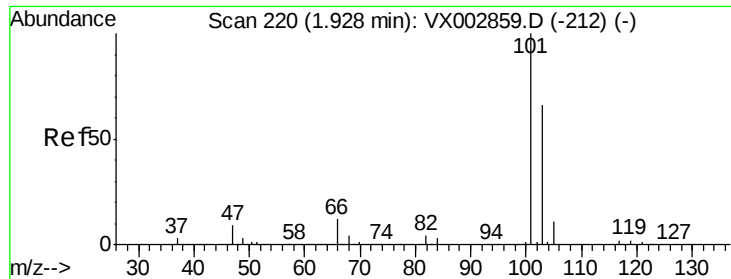
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



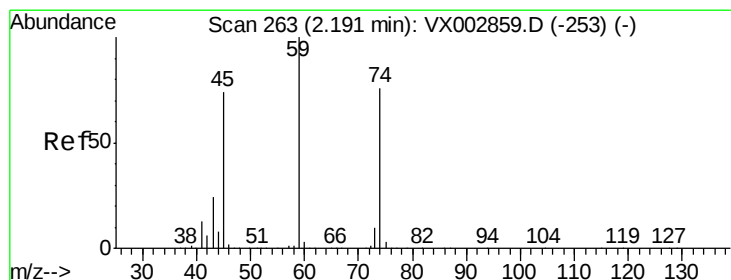
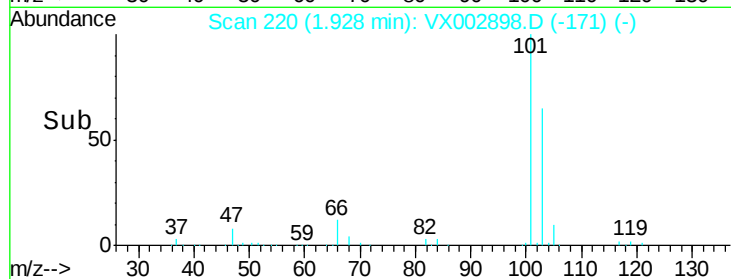
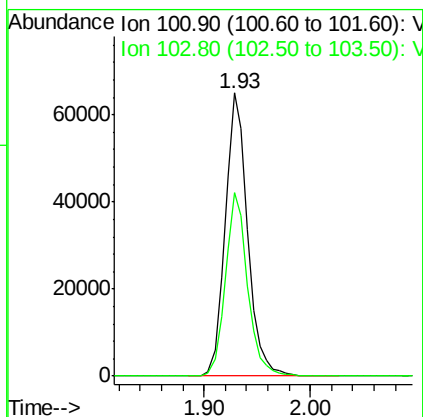
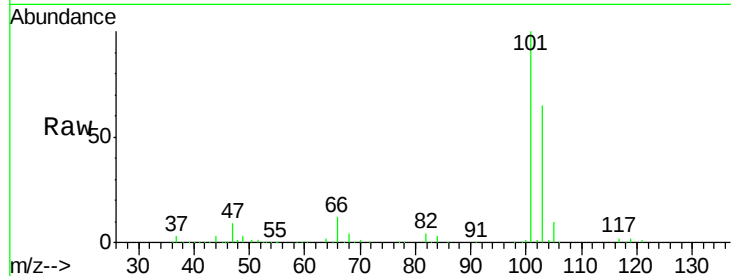


#7

Trichlorofluoromethane
Concen: 19.12 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :

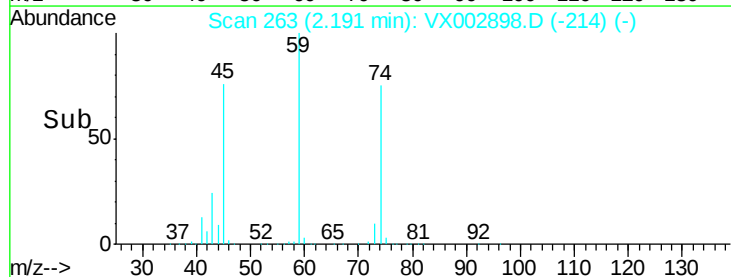
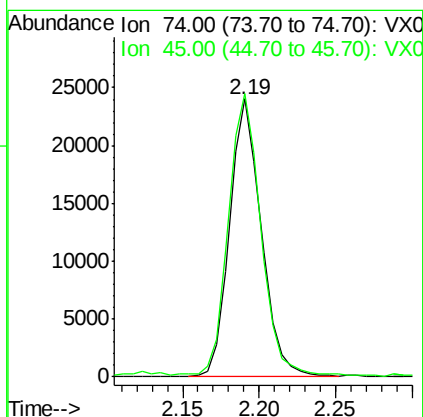
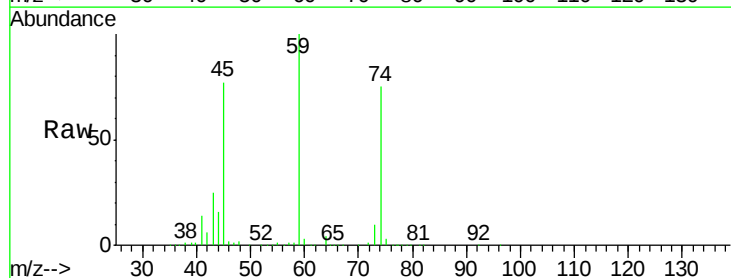
Tot Ion:101 Resp: 95731
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2



#8

Diethyl Ether
Concen: 18.91 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion: 74 Resp: 34410
Ion Ratio Lower Upper
74 100
45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.40 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

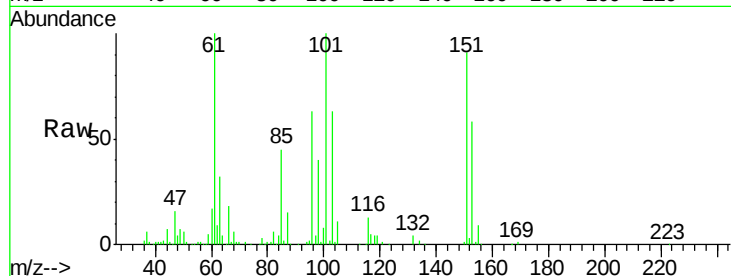
Tot Ion:101 Resp: 53366

Ion Ratio Lower Upper

101 100

85 45.9 36.0 54.0

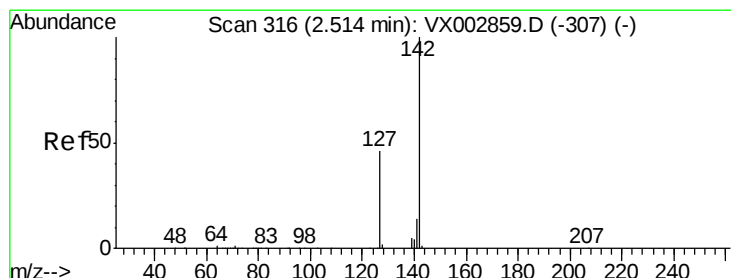
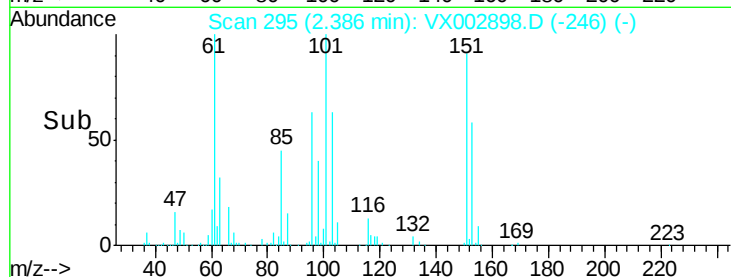
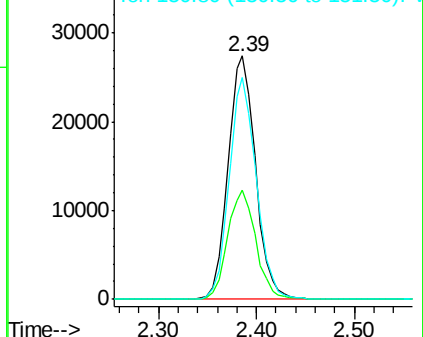
151 89.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.55 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

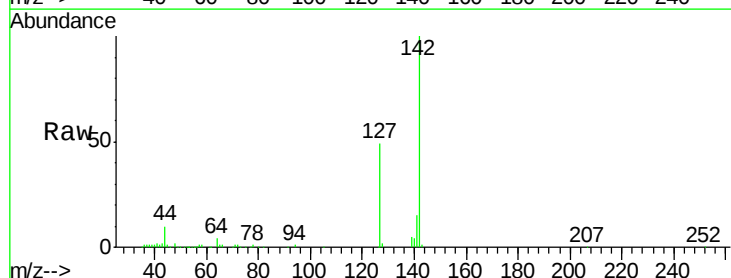
Tgt Ion:142 Resp: 38068

Ion Ratio Lower Upper

142 100

127 47.0 36.6 55.0

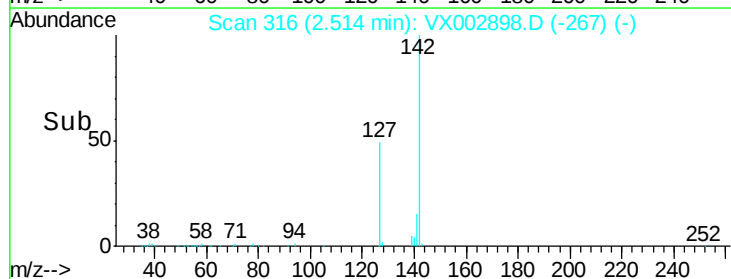
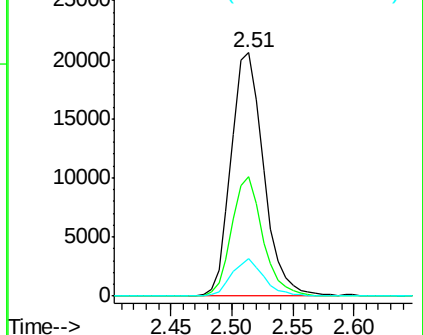
141 15.1 11.3 16.9

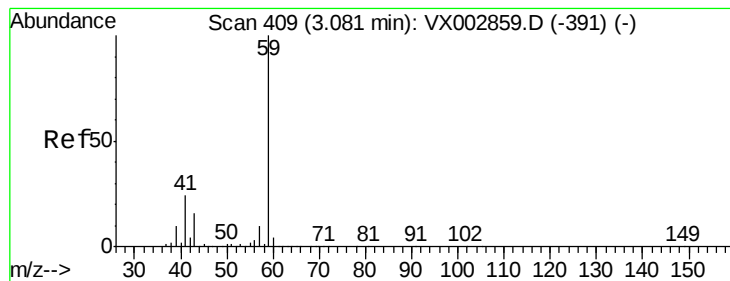


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



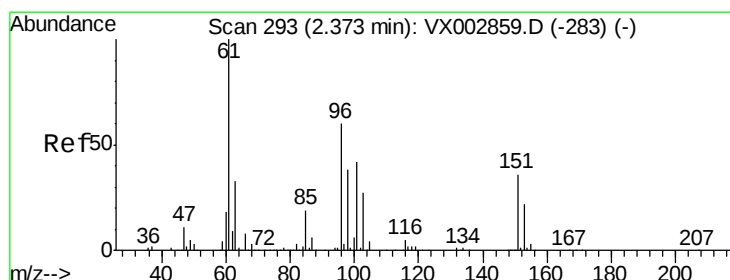
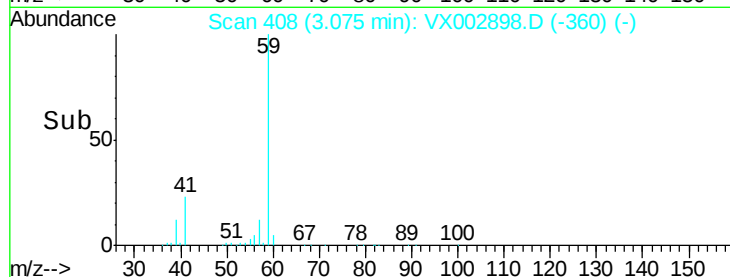
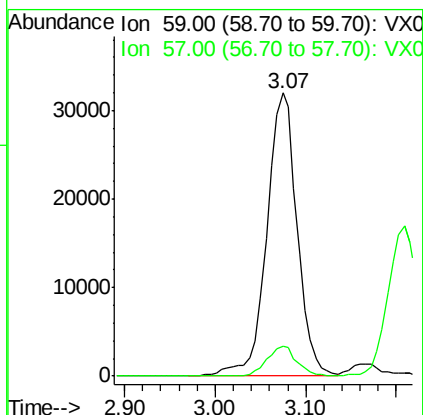
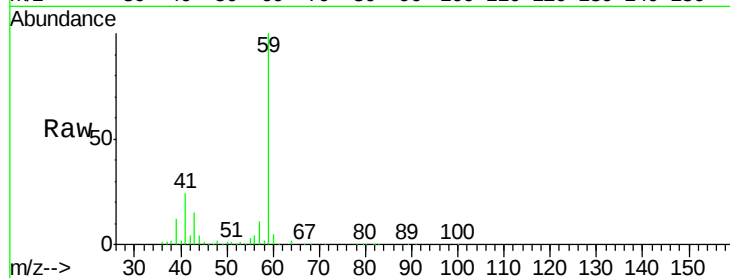


#11

Tert butyl alcohol
 Concen: 102.64 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :

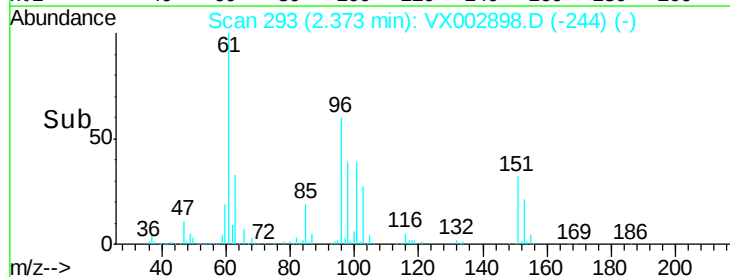
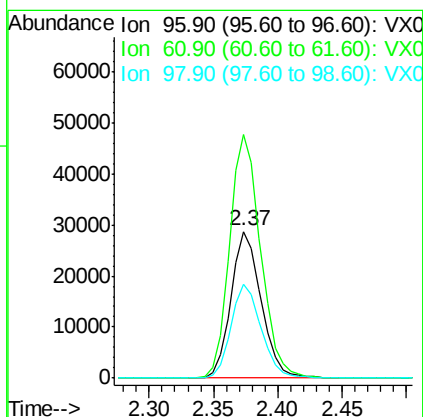
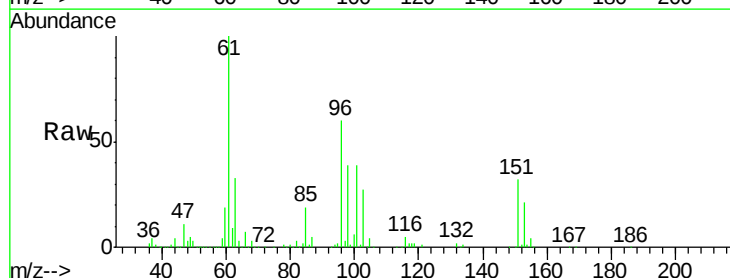
Tot Ion: 59 Resp: 74173
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 18.17 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion: 96 Resp: 47030
 Ion Ratio Lower Upper
 96 100
 61 165.8 137.9 206.9
 98 63.8 51.6 77.4





#13

Acrolein

Concen: 130.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

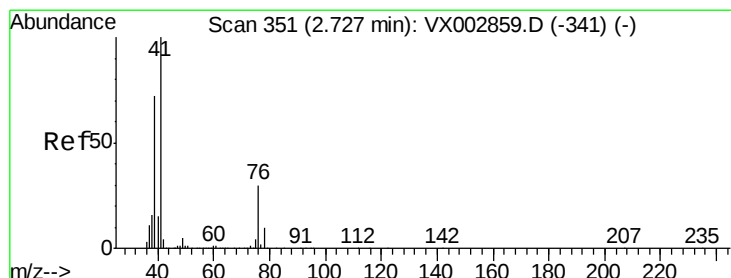
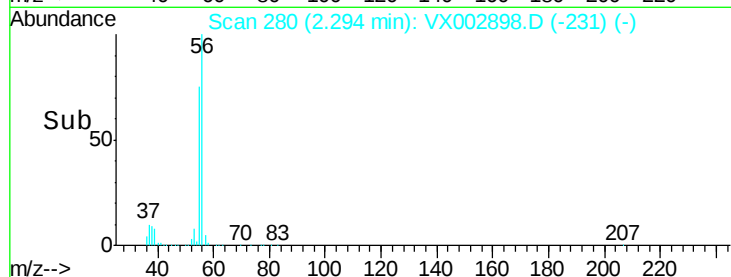
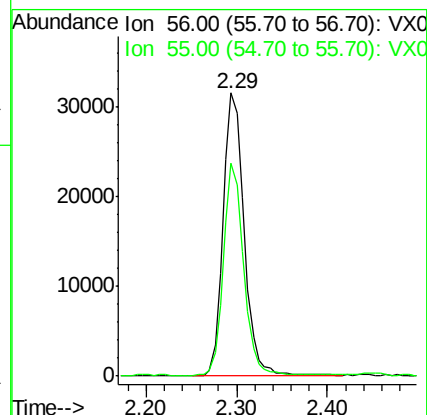
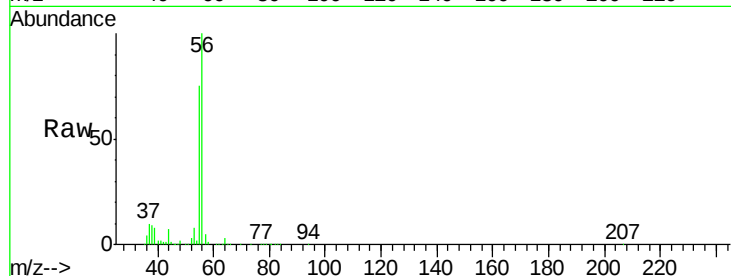
ClientSampleId :

Tot Ion: 56 Resp: 51415

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 19.07 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

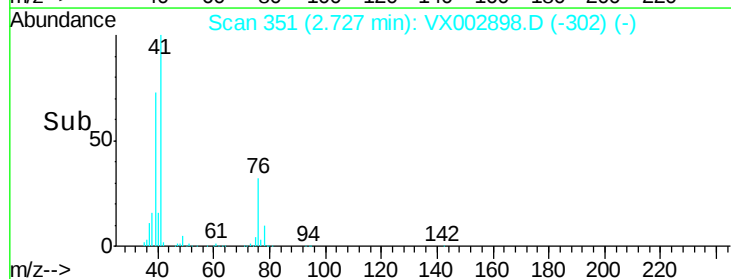
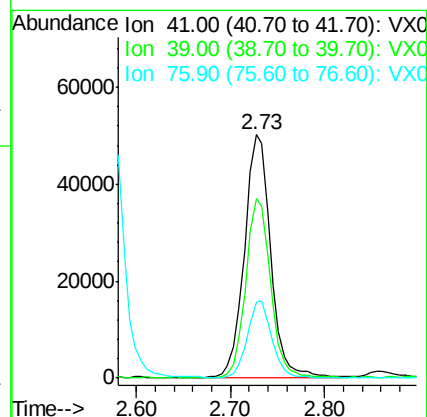
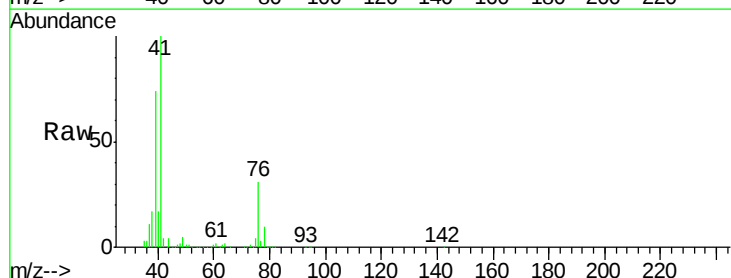
Tgt Ion: 41 Resp: 97285

Ion Ratio Lower Upper

41 100

39 69.7 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 99.79 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

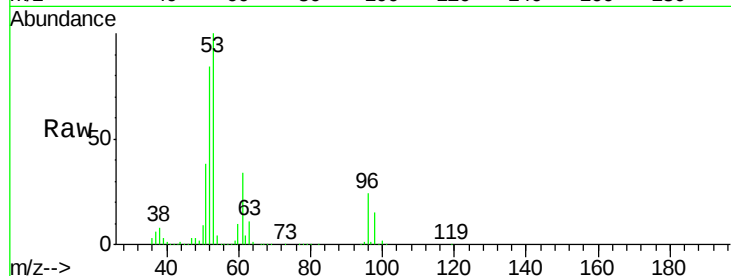
Tot Ion: 53 Resp: 154031

Ion Ratio Lower Upper

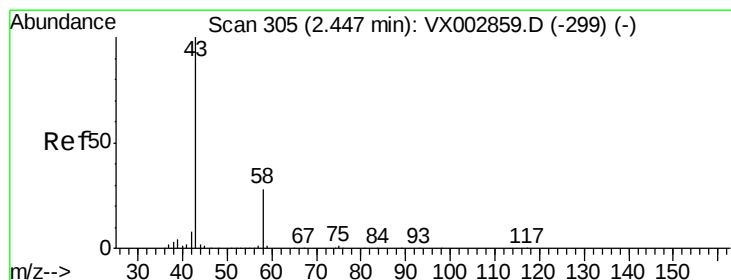
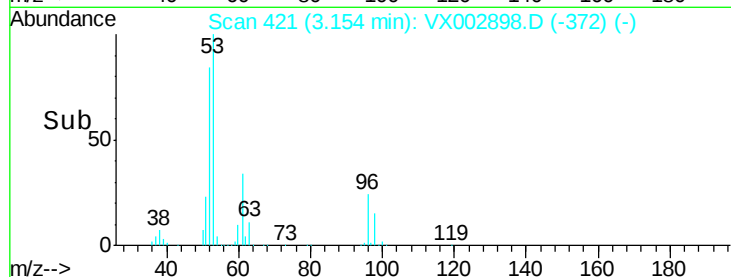
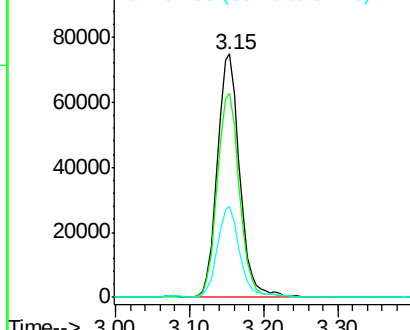
53 100

52 83.3 66.7 100.1

51 37.4 29.9 44.9



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



#16

Acetone

Concen: 109.18 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002898.D

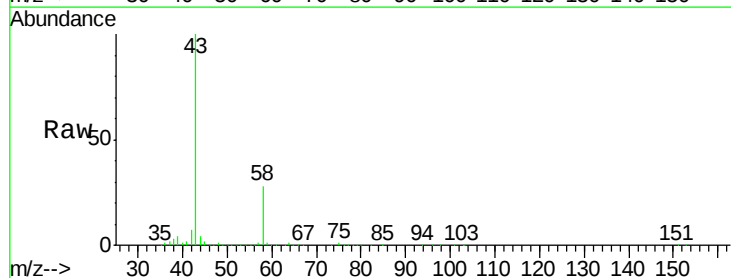
Acq: 26 Jun 2018 15:42

Tgt Ion: 43 Resp: 164015

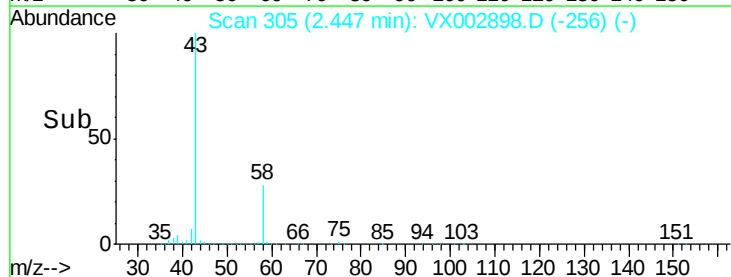
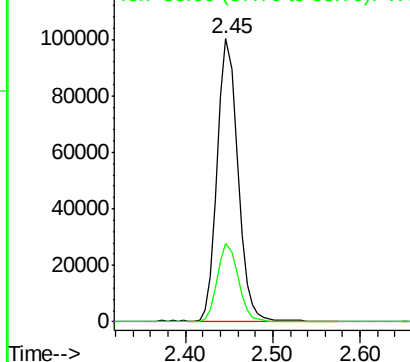
Ion Ratio Lower Upper

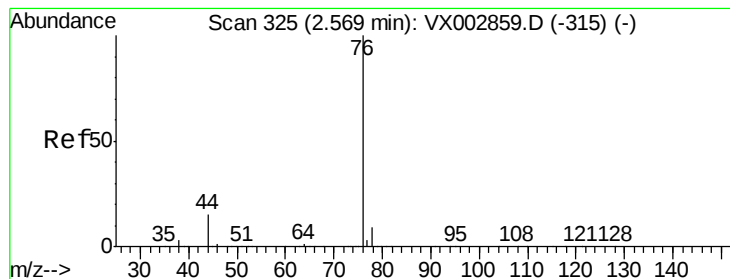
43 100

58 27.6 22.1 33.1



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





#17

Carbon Disulfide

Concen: 18.31 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

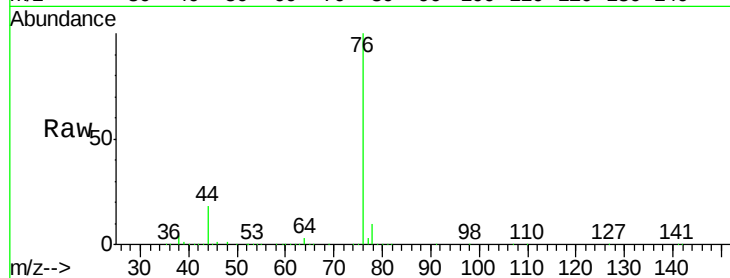
ClientSampleId :

Tot Ion: 76 Resp: 126279

Ion Ratio Lower Upper

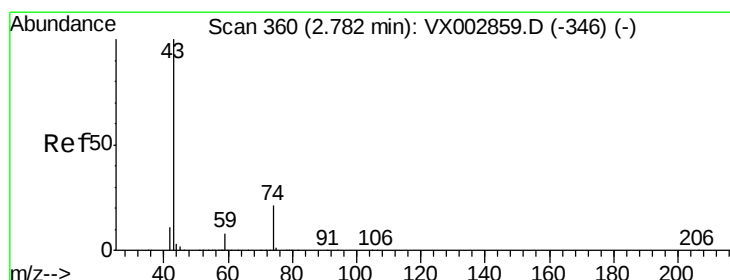
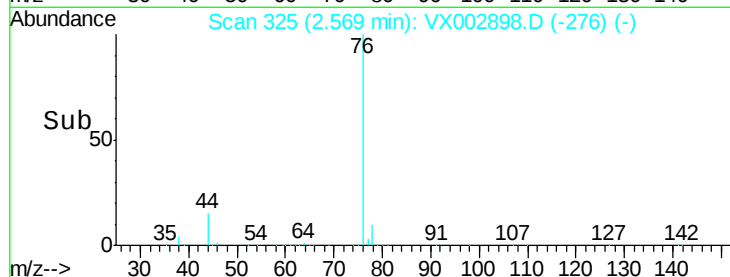
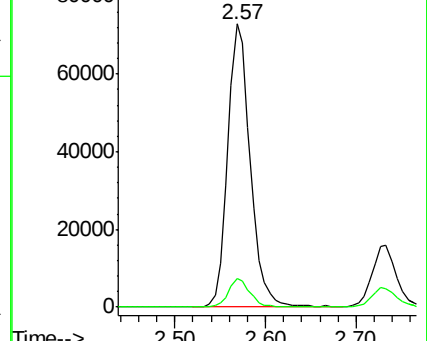
76 100

78 9.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.44 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002898.D

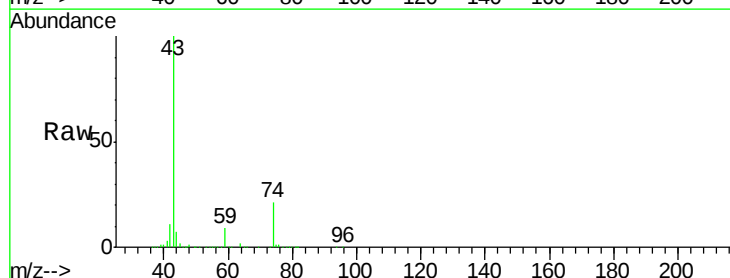
Acq: 26 Jun 2018 15:42

Tgt Ion: 43 Resp: 90043

Ion Ratio Lower Upper

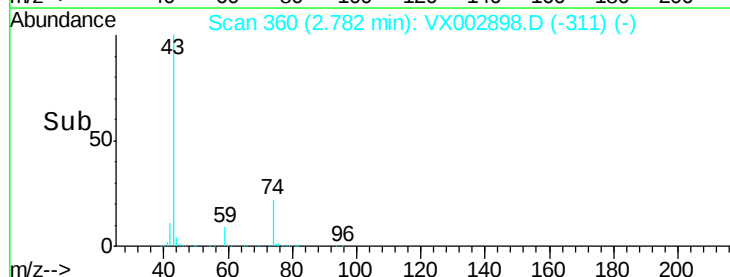
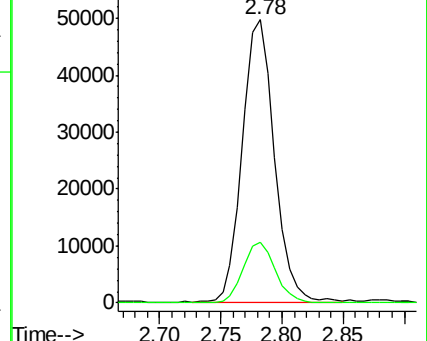
43 100

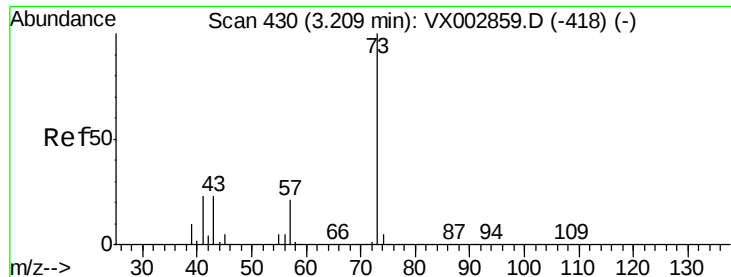
74 22.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



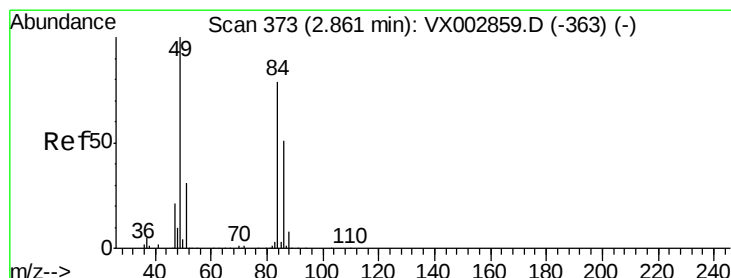
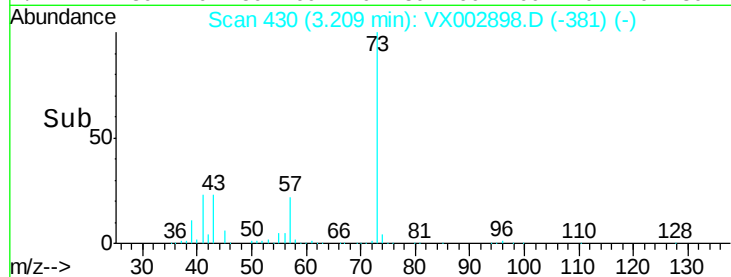
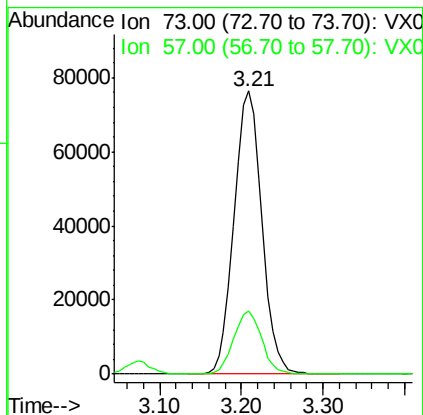
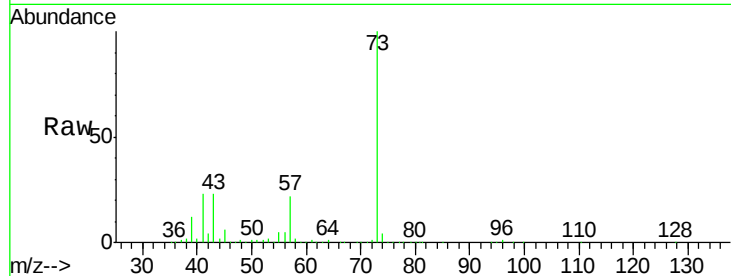


#19

Methyl tert-butyl Ether
 Concen: 19.28 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :

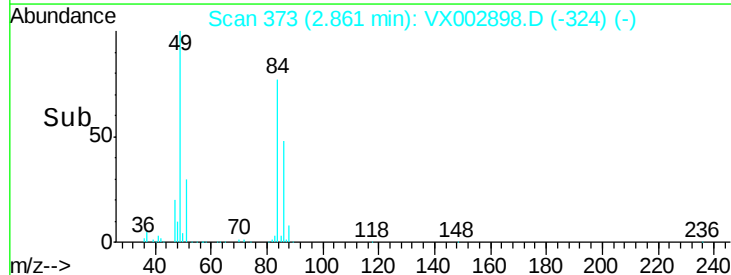
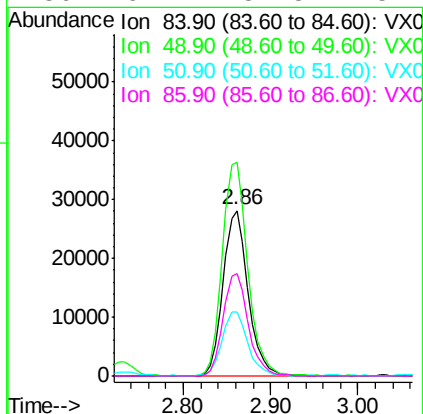
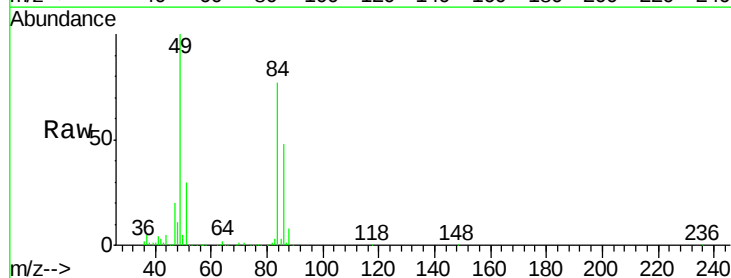
Tot Ion: 73 Resp: 179418
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.7 26.5



#20

Methylene Chloride
 Concen: 19.08 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion: 84 Resp: 55789
 Ion Ratio Lower Upper
 84 100
 49 129.2 107.8 161.6
 51 38.2 32.8 49.2
 86 61.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :

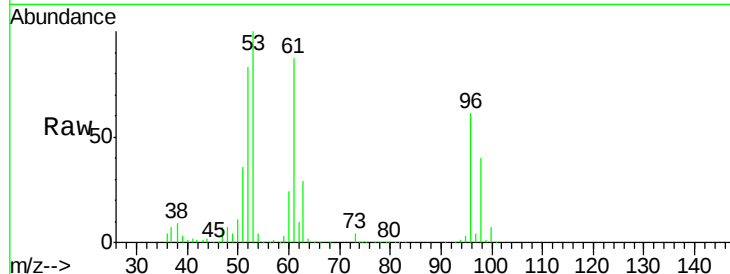
Tot Ion: 96 Resp: 51909

Ion Ratio Lower Upper

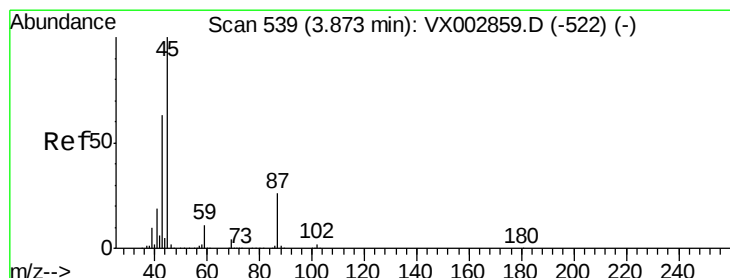
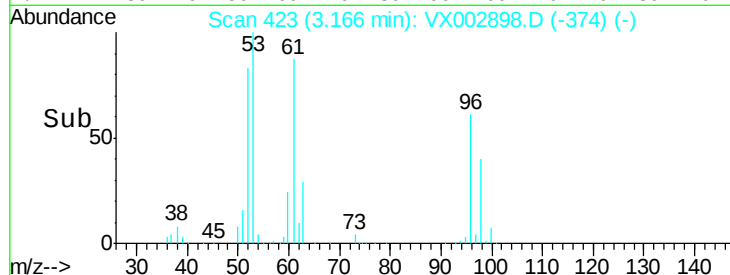
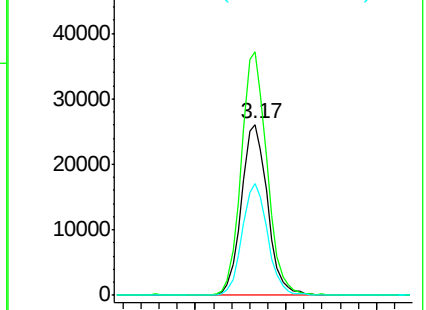
96 100

61 142.0 117.0 175.4

98 65.1 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Tgt Ion: 45 Resp: 186788

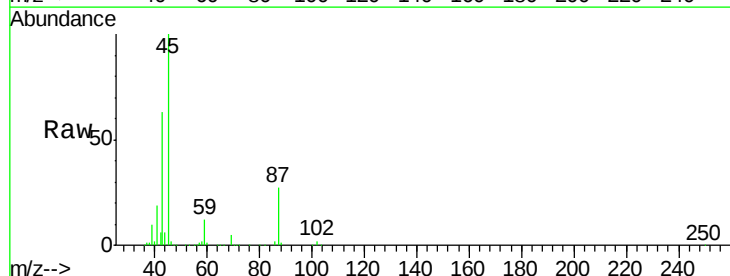
Ion Ratio Lower Upper

45 100

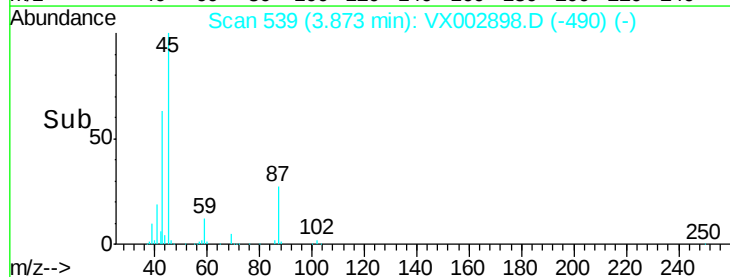
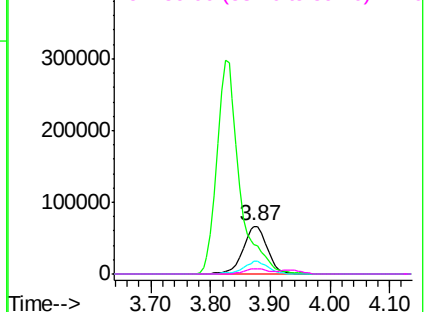
43 63.1 46.8 70.2

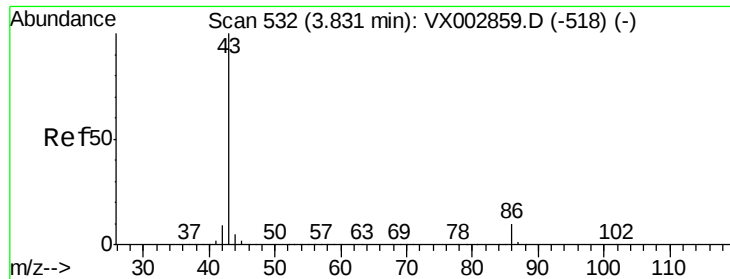
87 27.0 20.2 30.4

59 11.6 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.00 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

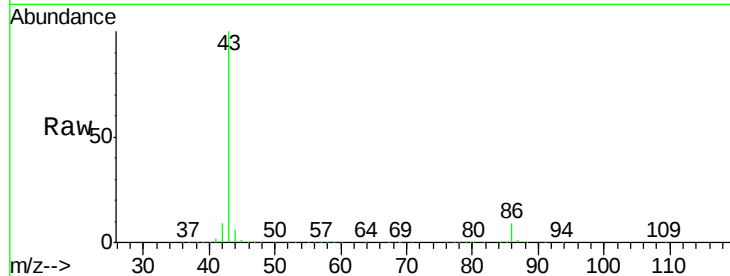
ClientSampleId :

Tot Ion: 43 Resp: 784517

Ion Ratio Lower Upper

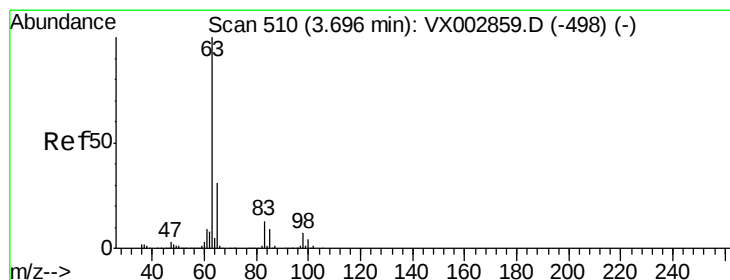
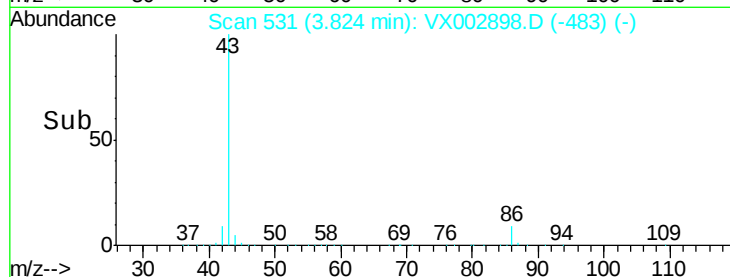
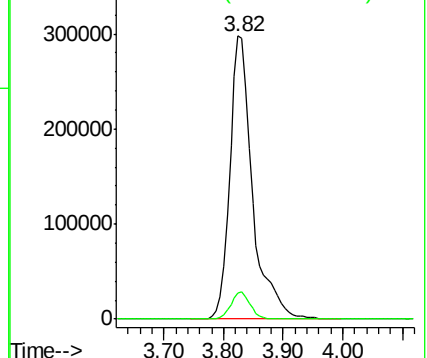
43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.42 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

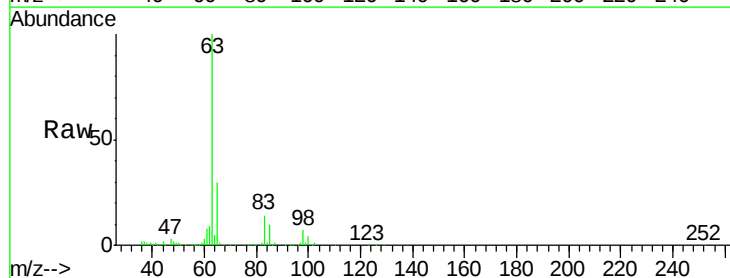
Tgt Ion: 63 Resp: 102965

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

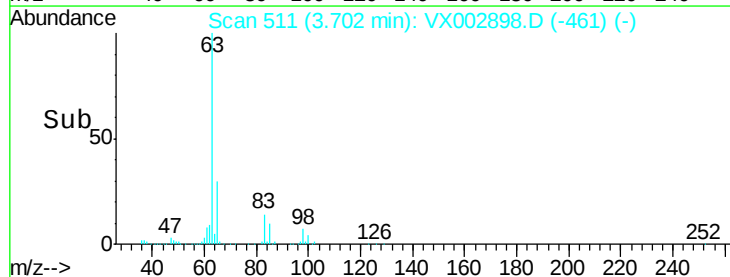
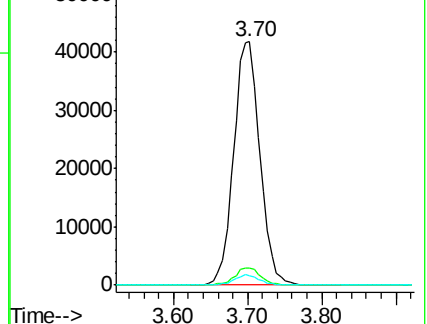
100 3.8 2.0 6.0

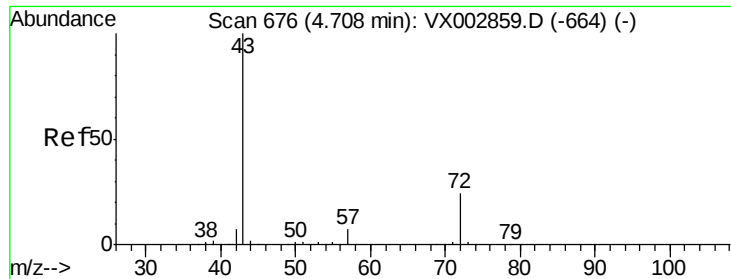


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.20 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

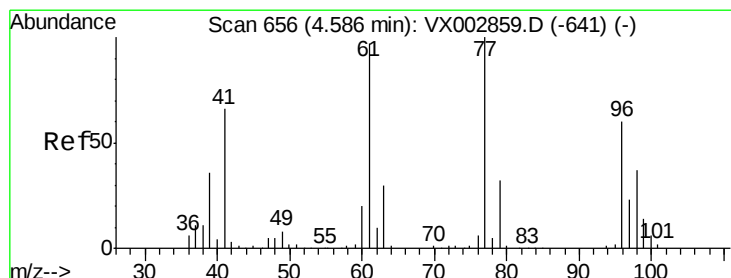
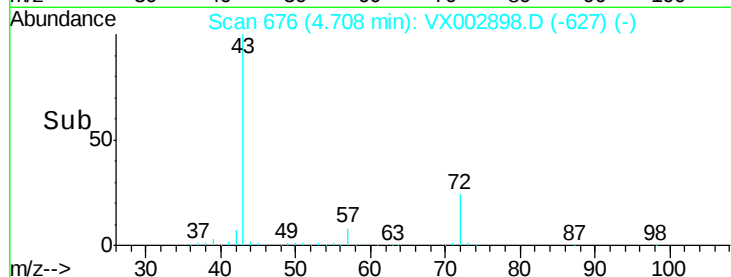
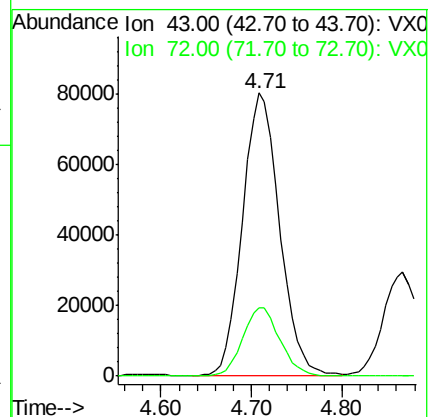
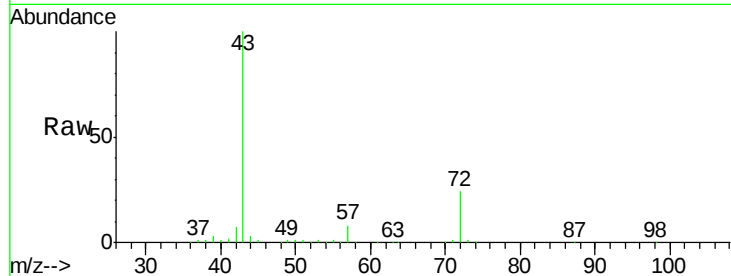
ClientSampled :

Tot Ion: 43 Resp: 227851

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.70 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002898.D

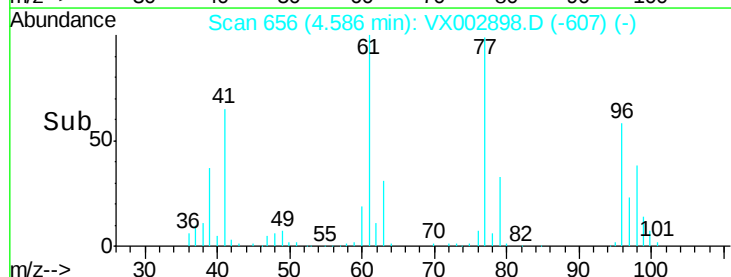
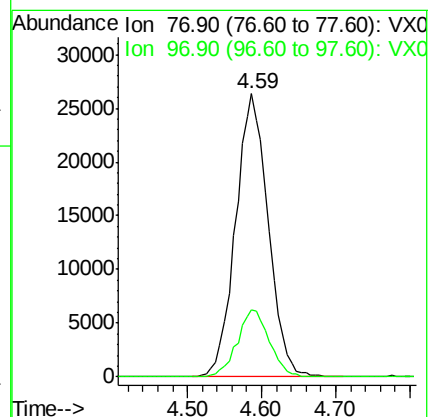
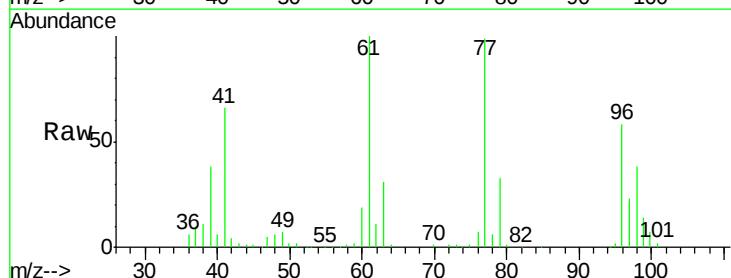
Acq: 26 Jun 2018 15:42

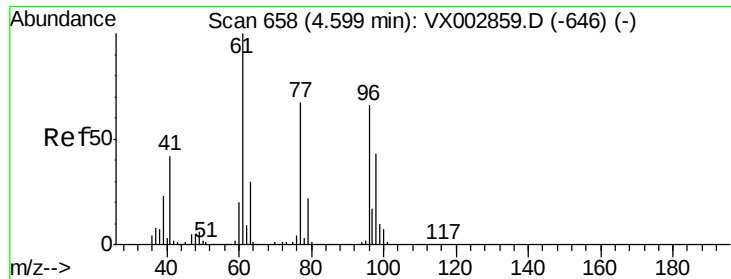
Tgt Ion: 77 Resp: 80623

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.86 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampled :

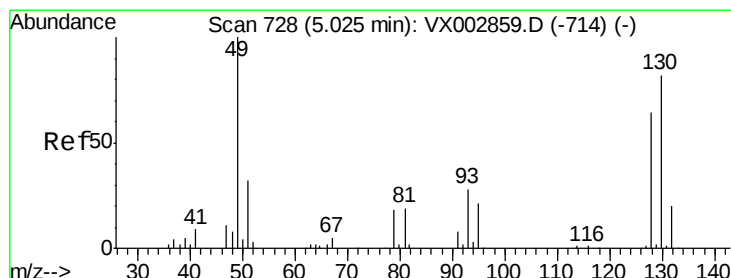
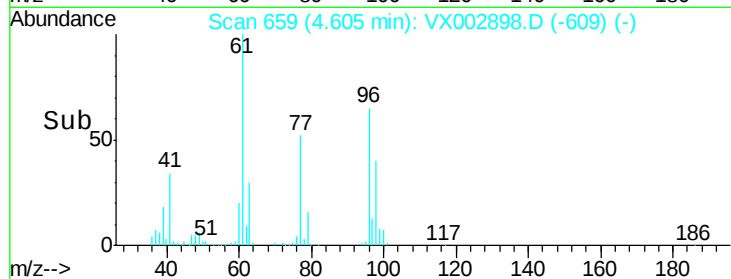
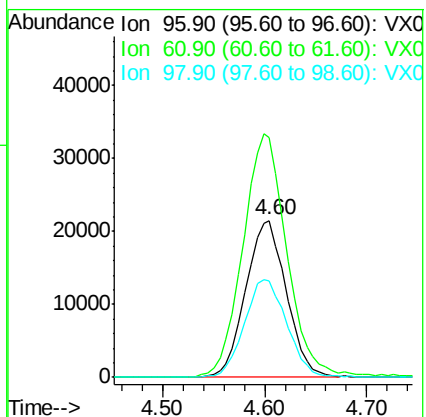
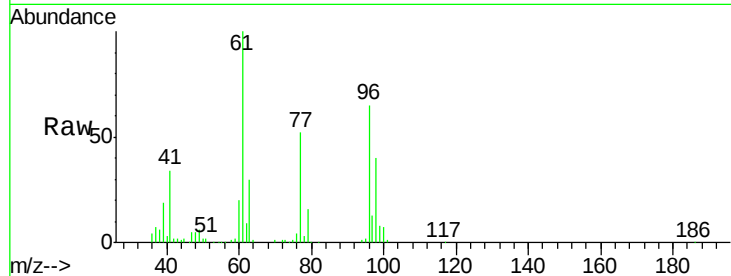
Tot Ion: 96 Resp: 59603

Ion Ratio Lower Upper

96 100

61 168.6 0.0 330.2

98 64.7 0.0 130.2



#28

Bromochloromethane

Concen: 20.22 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

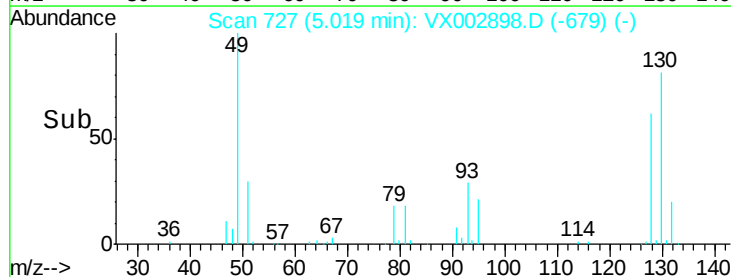
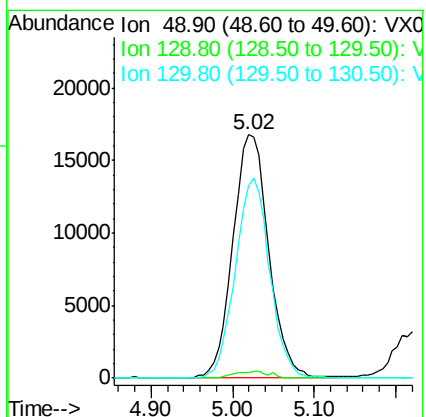
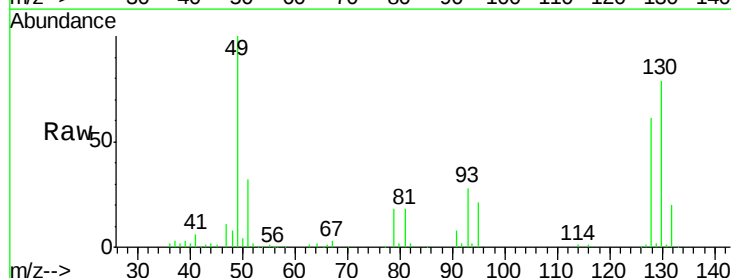
Tgt Ion: 49 Resp: 51294

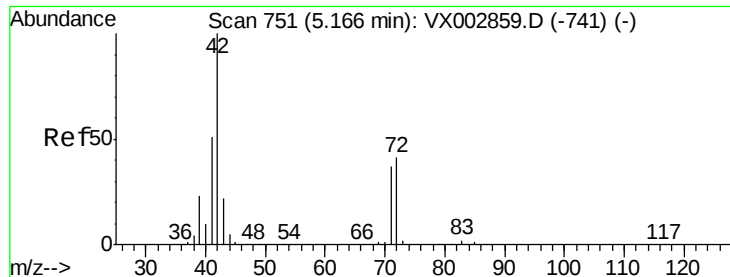
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 78.6 61.2 91.8

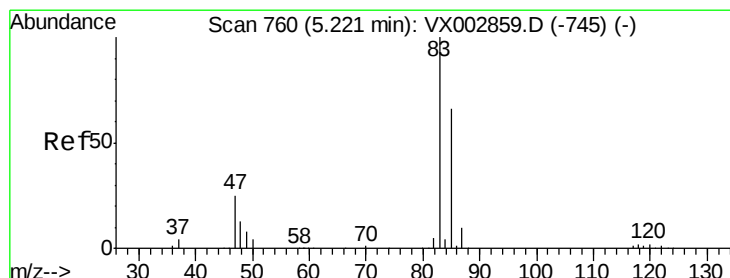
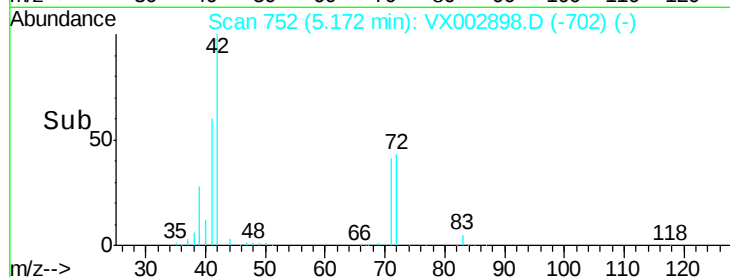
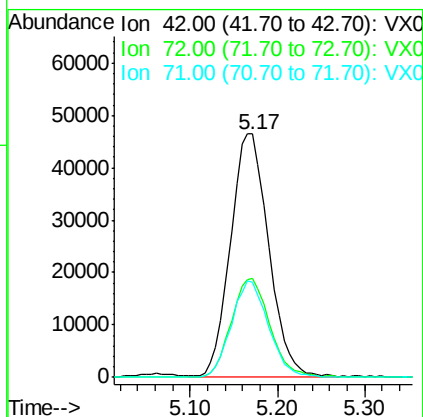
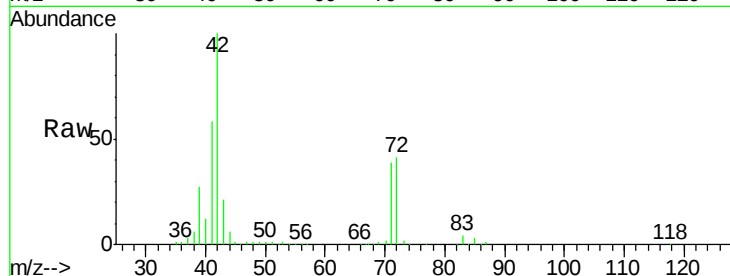




#29
Tetrahydrofuran
Concen: 98.14 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

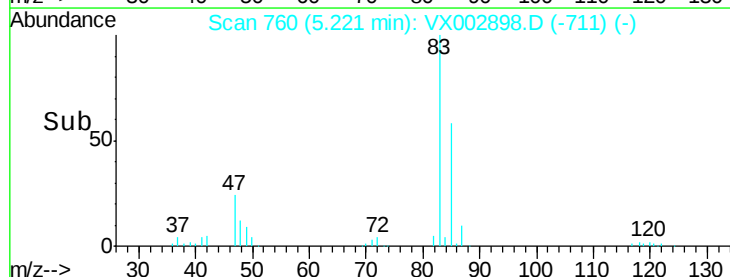
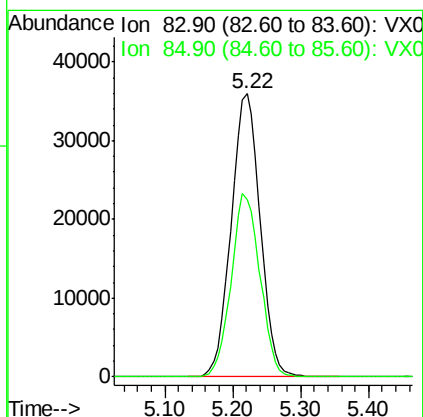
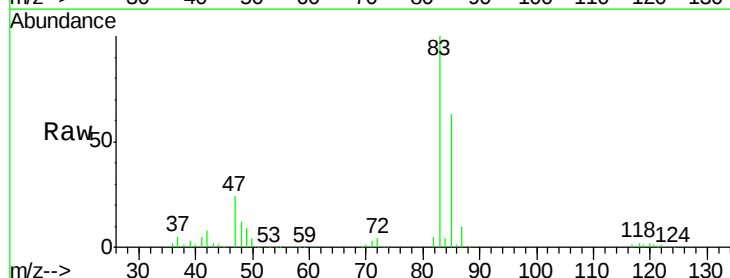
Instrument :
MSVOA_X
ClientSampled :

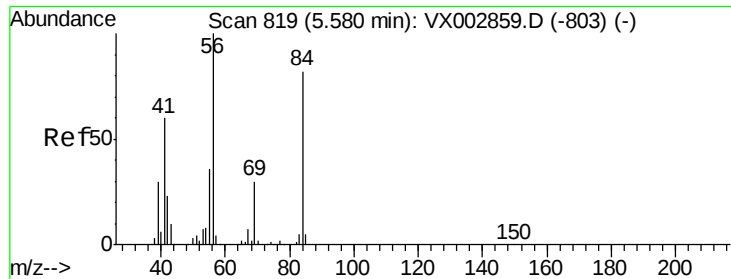
Tot Ion: 42 Resp: 140310
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 38.8 30.1 45.1



#30
Chloroform
Concen: 19.53 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion: 83 Resp: 106262
Ion Ratio Lower Upper
83 100
85 62.7 50.4 75.6





#31

Cyclohexane

Concen: 18.37 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampled :

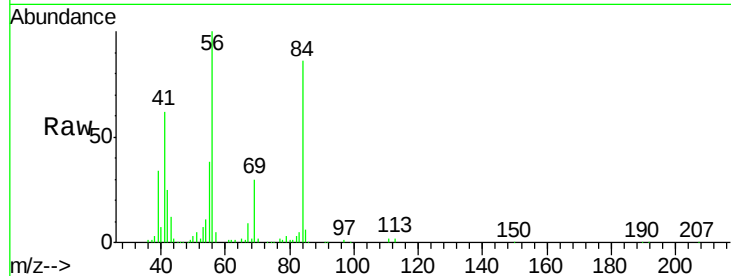
Tot Ion: 56 Resp: 83568

Ion Ratio Lower Upper

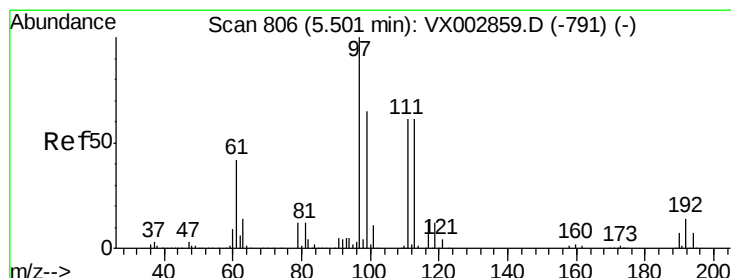
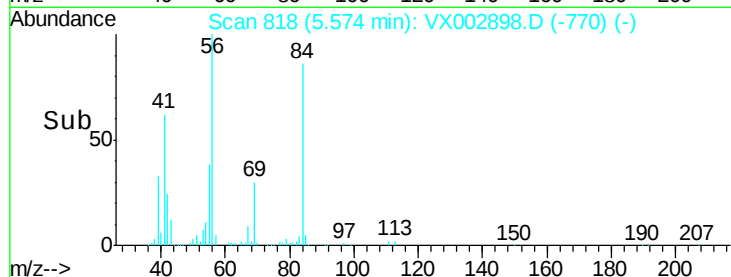
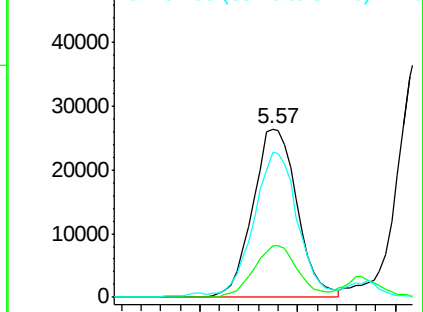
56 100

69 30.4 23.7 35.5

84 84.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 19.16 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

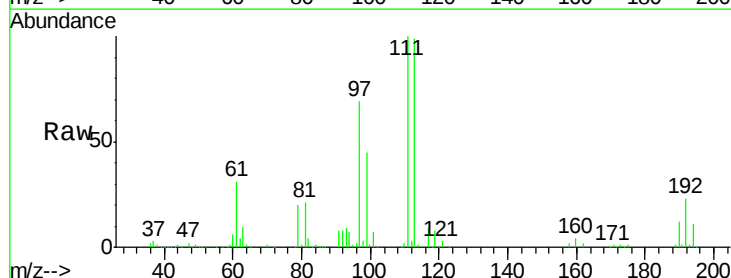
Tgt Ion: 97 Resp: 91692

Ion Ratio Lower Upper

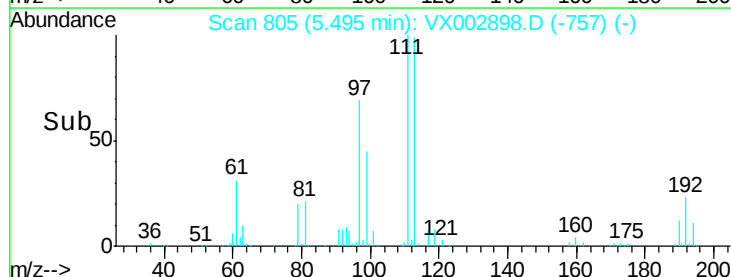
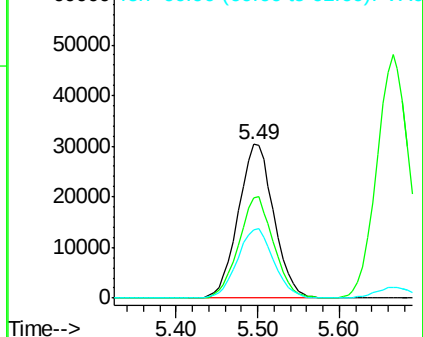
97 100

99 64.9 51.6 77.4

61 46.3 36.4 54.6



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

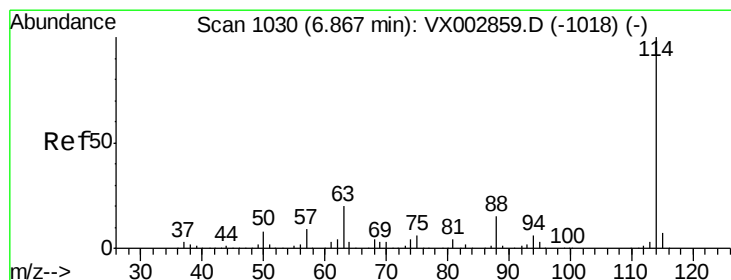
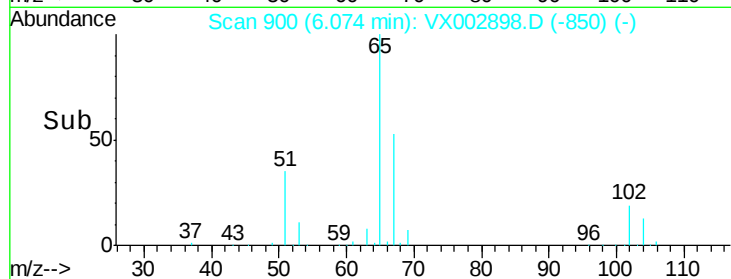
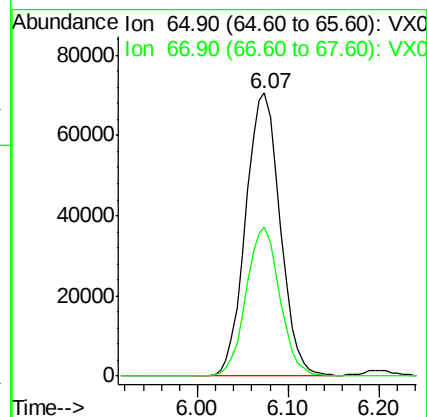
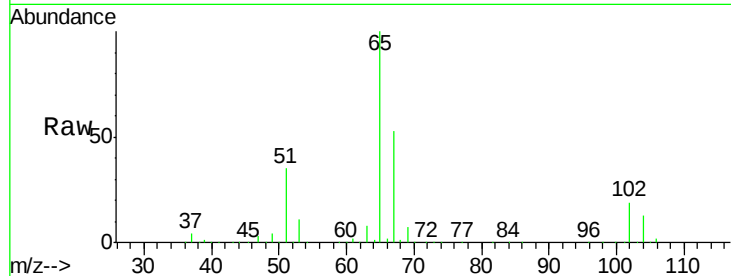




#33
 1,2-Dichloroethane-d4
 Concen: 51.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

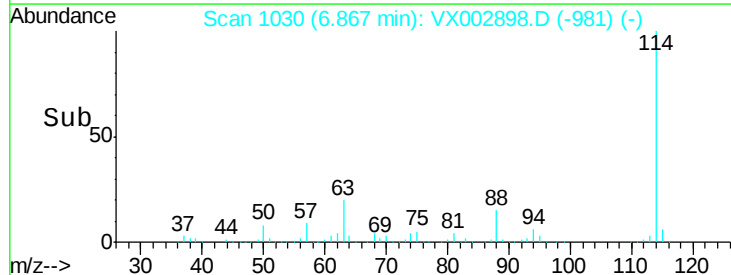
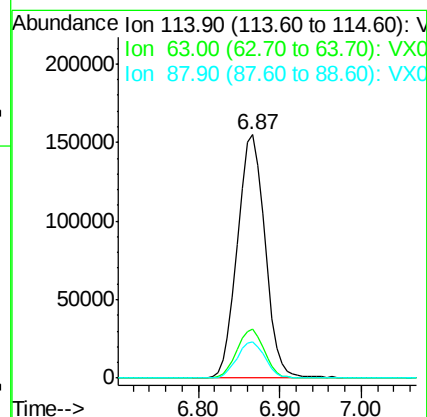
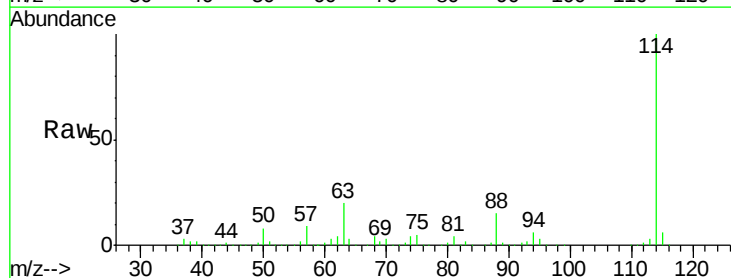
Instrument :
 MSVOA_X
 ClientSampleId :

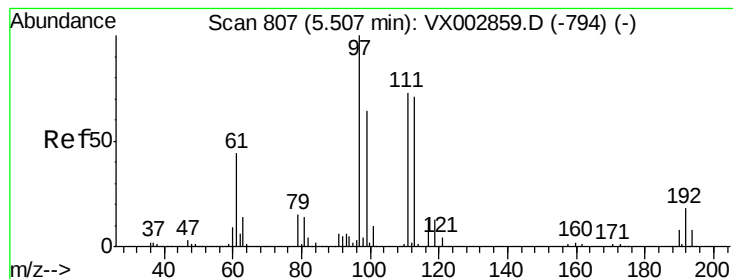
Tot Ion: 65 Resp: 186014
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion: 114 Resp: 363503
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.41 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampled :

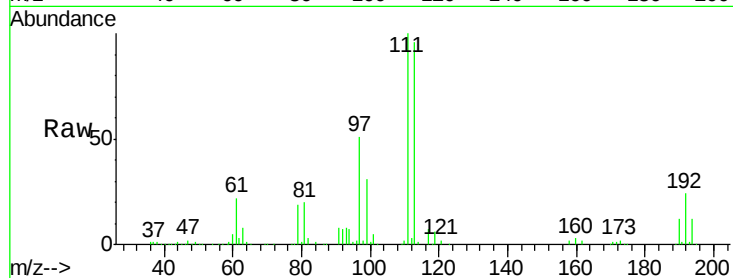
Tot Ion:113 Resp: 147981

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

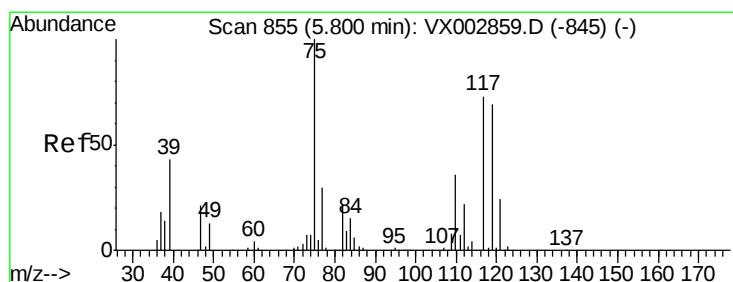
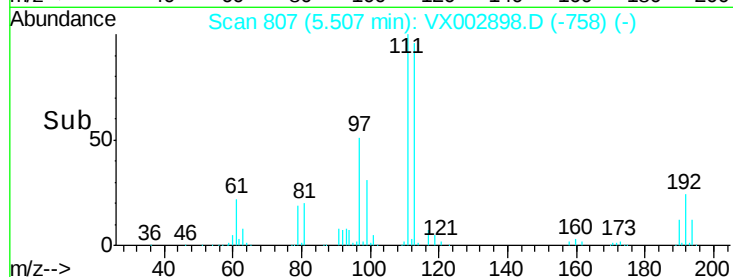
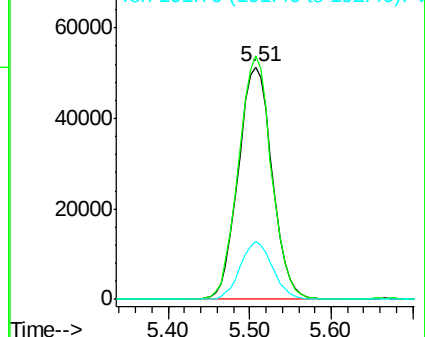
192 23.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.37 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

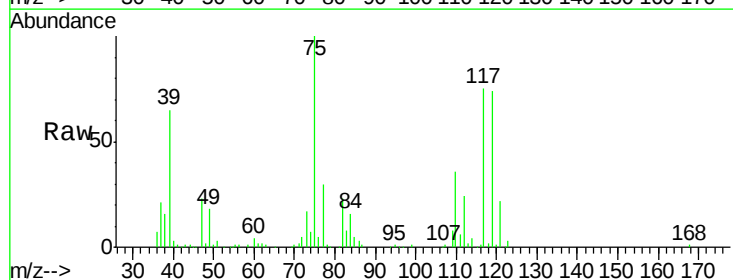
Tgt Ion: 75 Resp: 73232

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

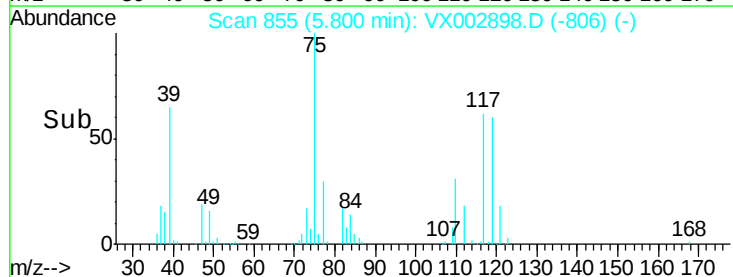
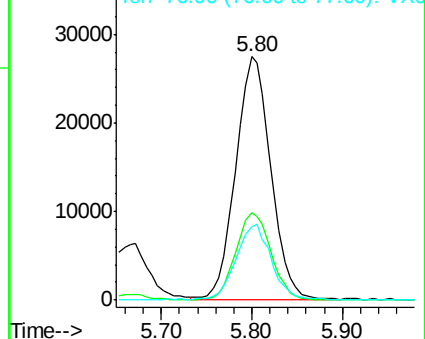
77 31.6 24.3 36.5

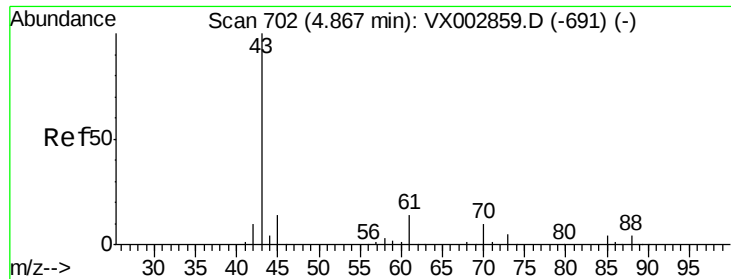


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

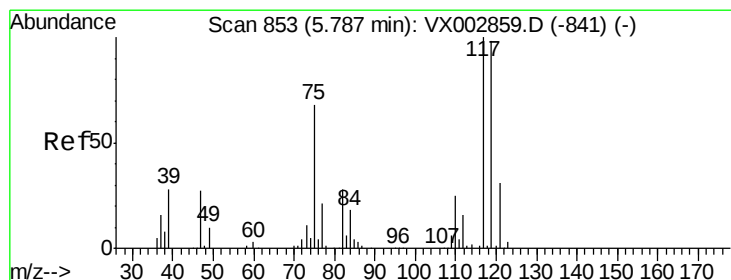
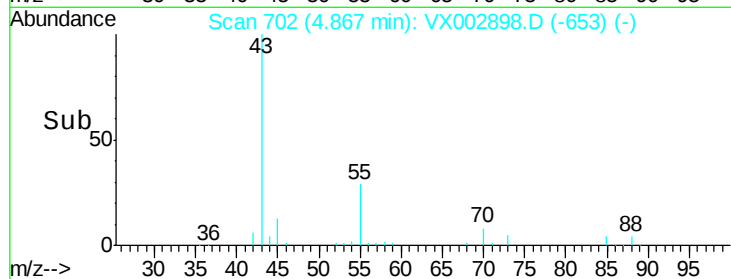
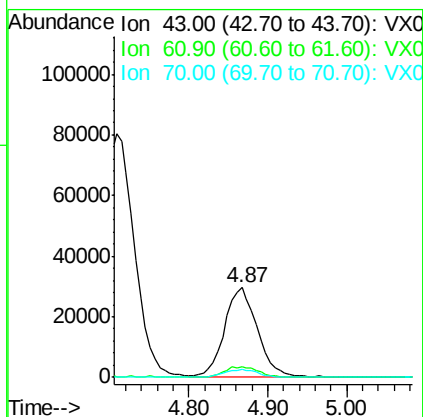
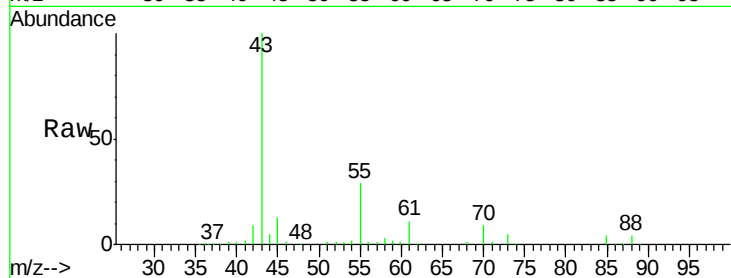




#37
Ethyl Acetate
Concen: 19.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

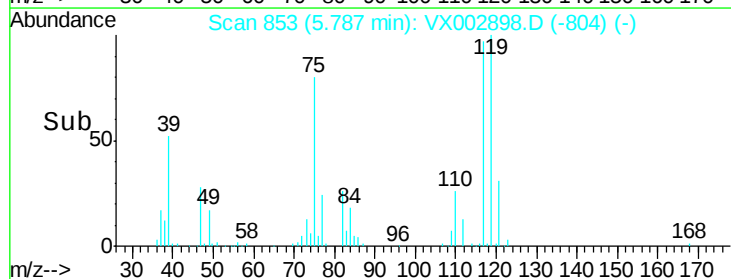
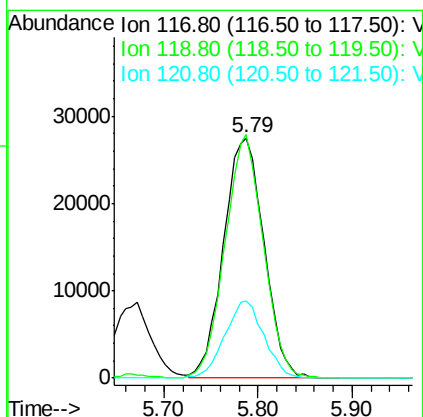
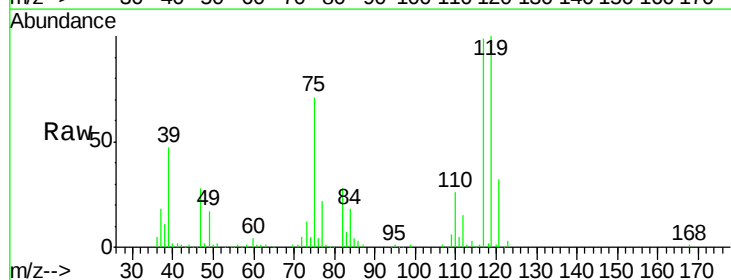
Instrument :
MSVOA_X
ClientSampled :

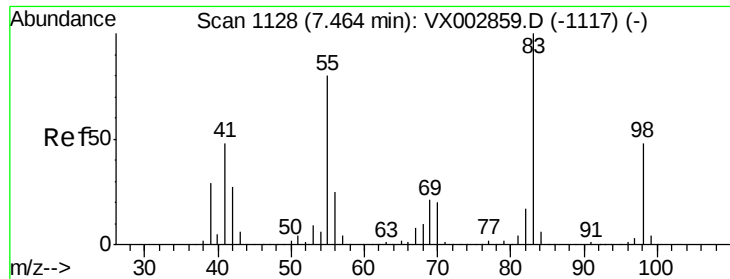
Tot Ion: 43 Resp: 84815
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.71 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion: 117 Resp: 81857
Ion Ratio Lower Upper
117 100
119 101.4 77.4 116.0
121 32.1 24.4 36.6

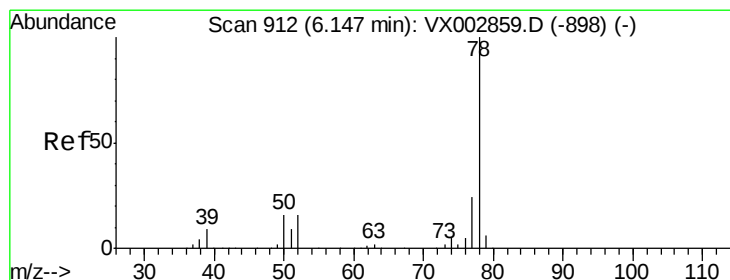
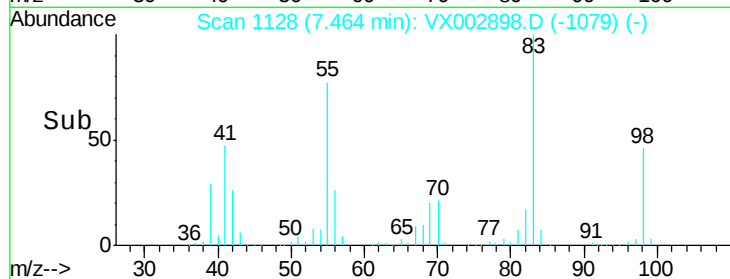
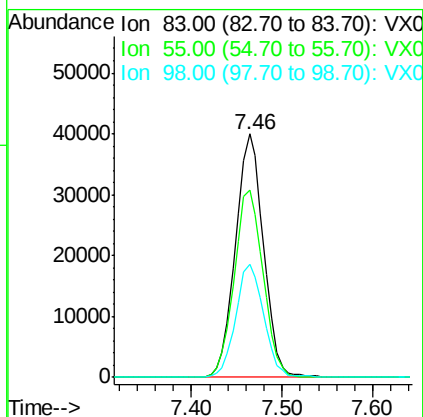
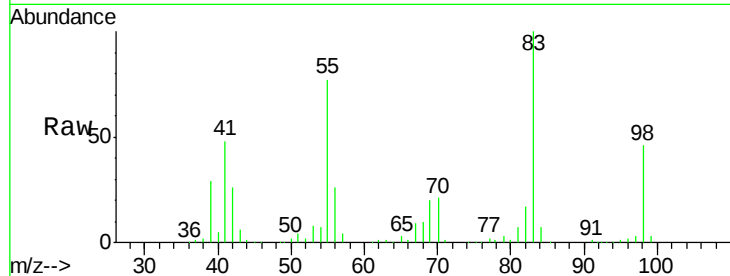




#39
Methvlcvclohexane
Concen: 18.43 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

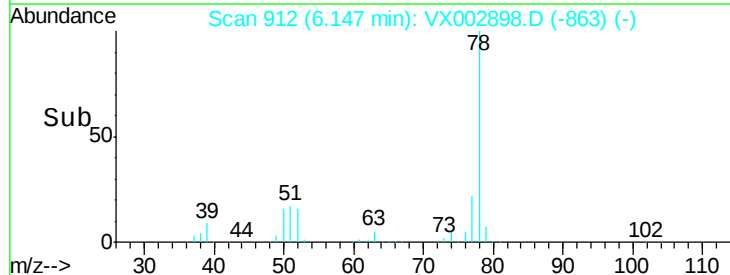
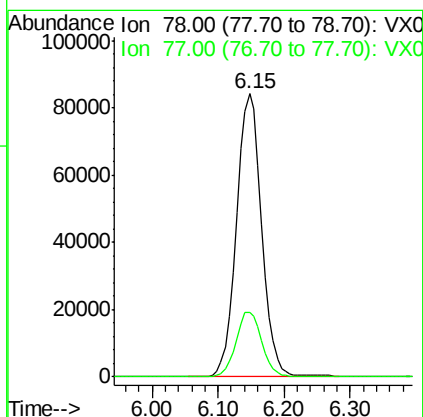
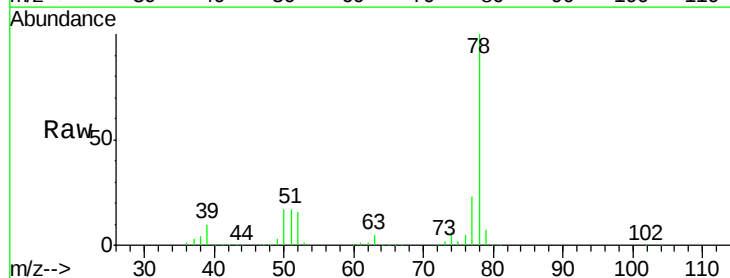
Instrument :
MSVOA_X
ClientSampleId :

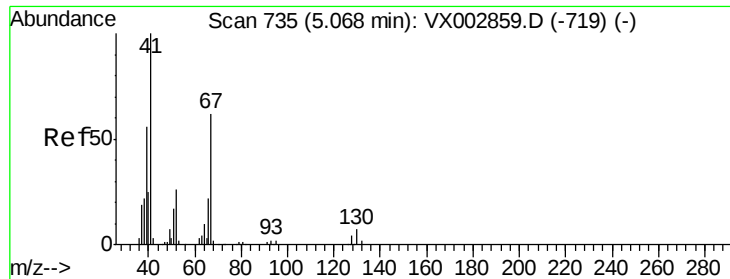
Tot Ion: 83 Resp: 85588
Ion Ratio Lower Upper
83 100
55 76.8 65.4 98.0
98 46.5 37.4 56.0



#40
Benzene
Concen: 19.18 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion: 78 Resp: 222095
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7

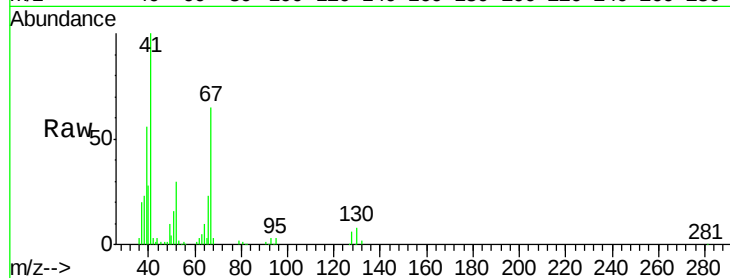




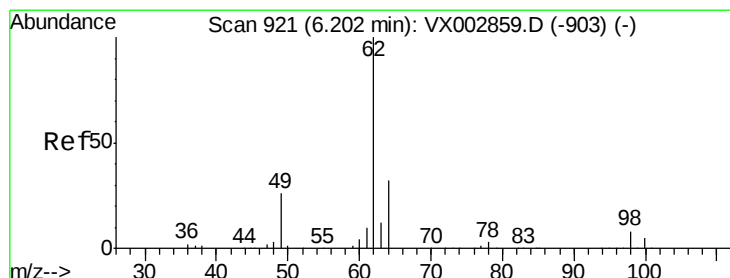
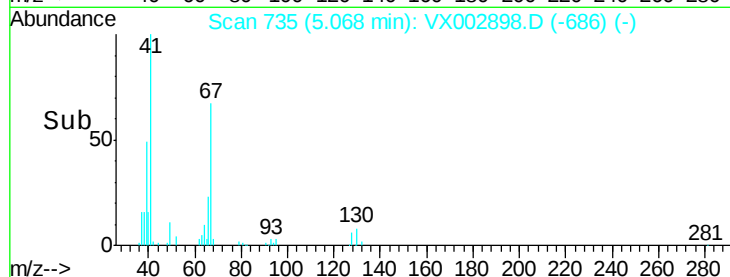
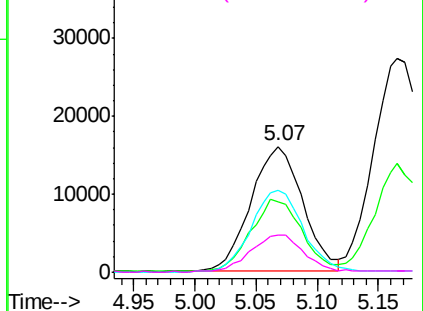
#41
Methacrylonitrile
Concen: 19.23 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	47528
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	65.9	51.3	76.9
52	31.6	23.0	34.6

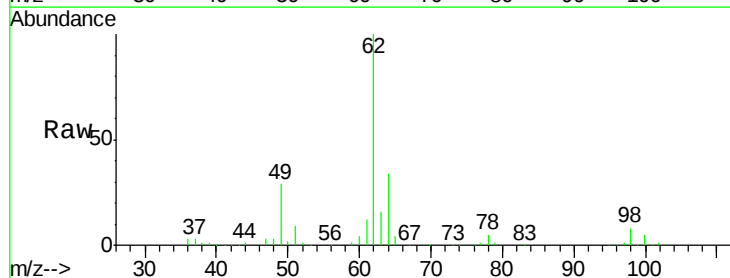


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

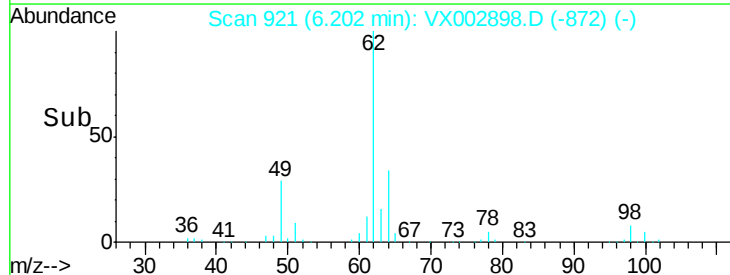
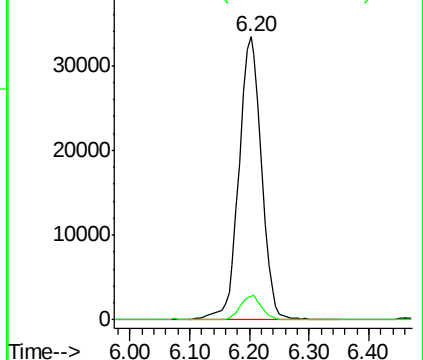


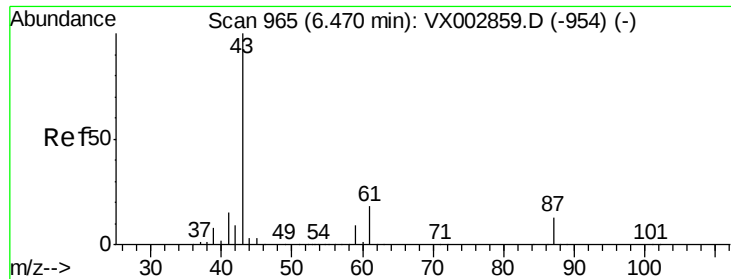
#42
1,2-Dichloroethane
Concen: 18.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion:	62	Resp:	88293
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



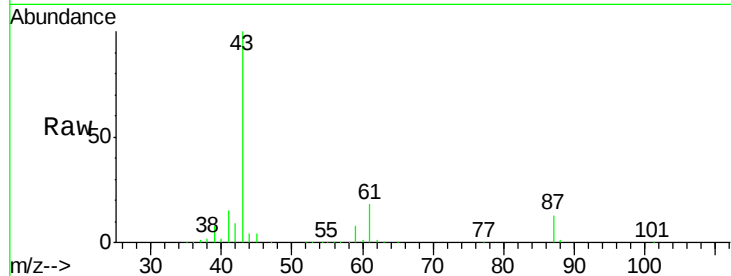


#43

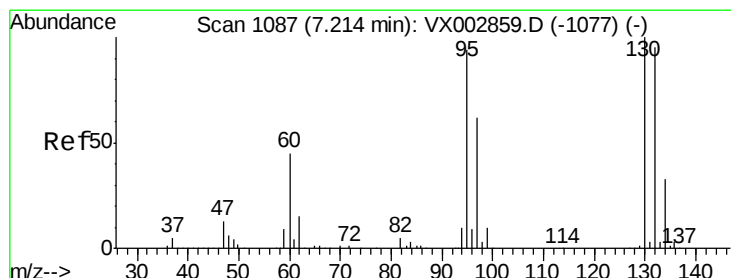
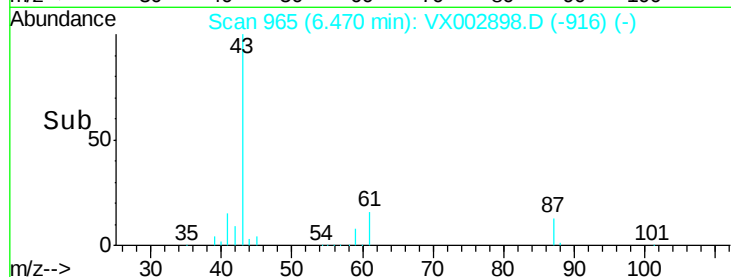
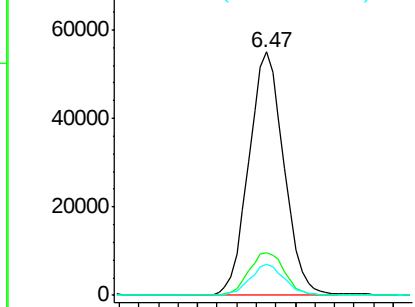
Isopropyl Acetate
 Concen: 18.88 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 135882
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.4 21.6
 87 12.6 9.5 14.3



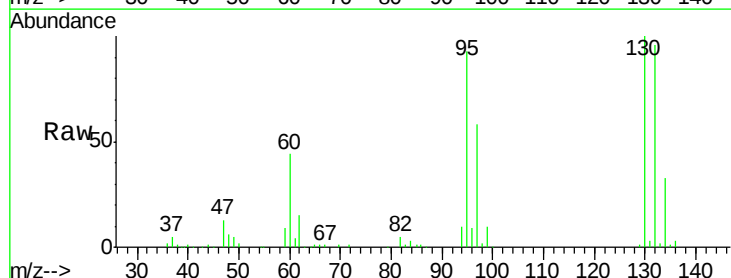
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



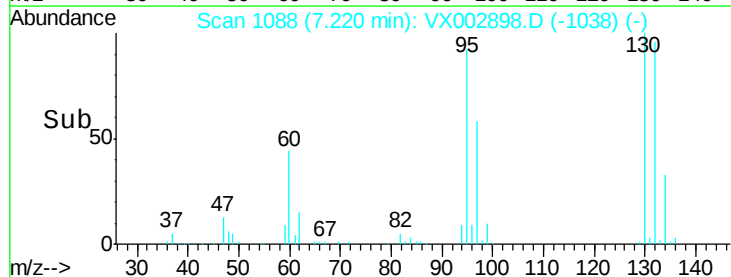
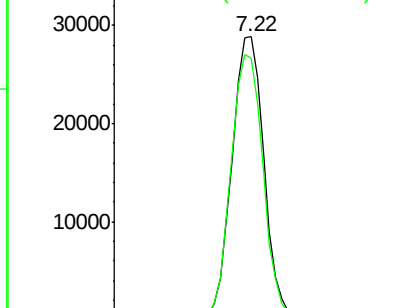
#44

Trichloroethene
 Concen: 18.36 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion:130 Resp: 63387
 Ion Ratio Lower Upper
 130 100
 95 92.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.13 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

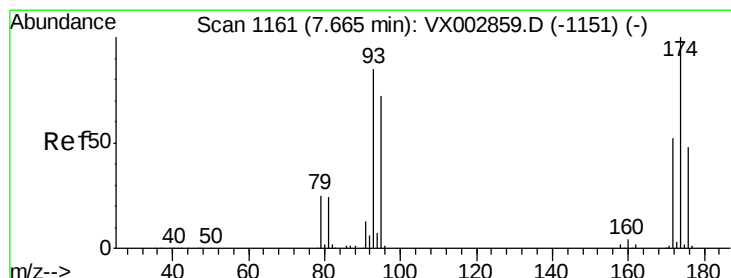
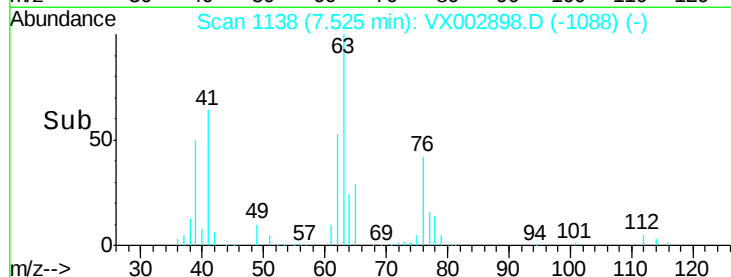
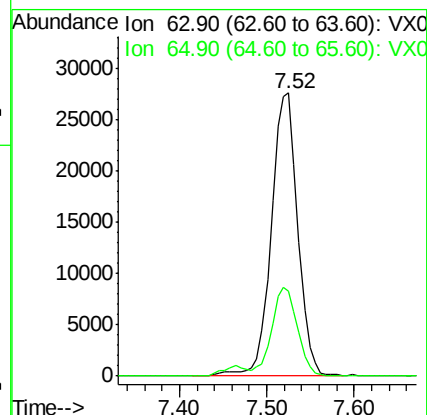
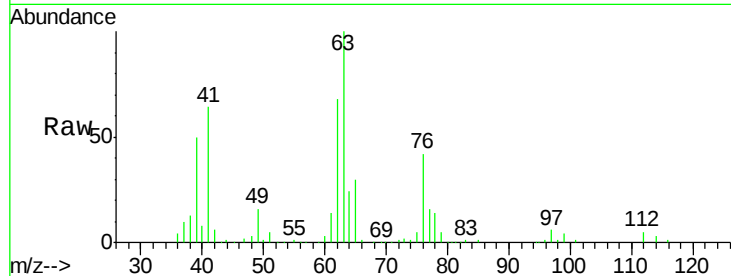
ClientSampleId :

Tot Ion: 63 Resp: 58787

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 18.90 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

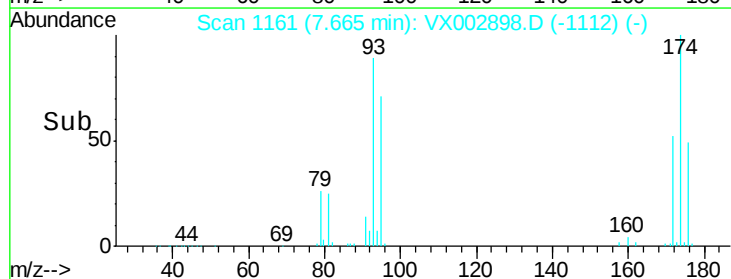
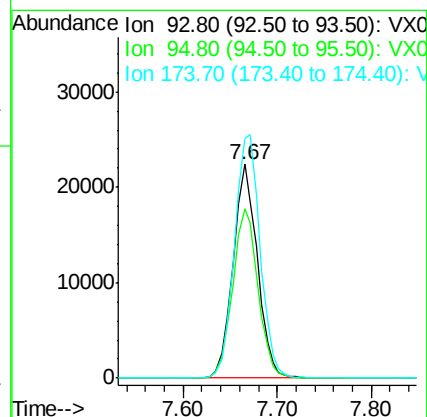
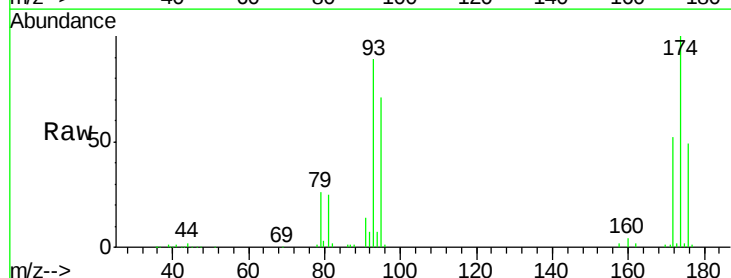
Tgt Ion: 93 Resp: 40309

Ion Ratio Lower Upper

93 100

95 82.1 65.9 98.9

174 119.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampled :

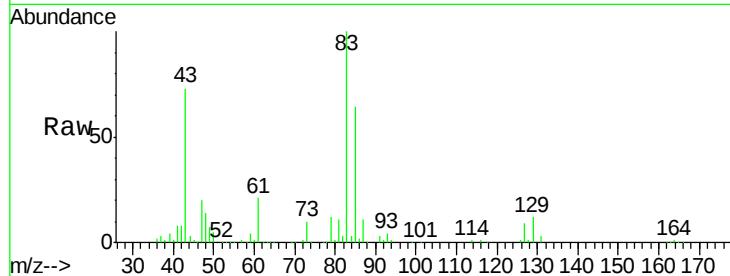
Tot Ion: 83 Resp: 75194

Ion Ratio Lower Upper

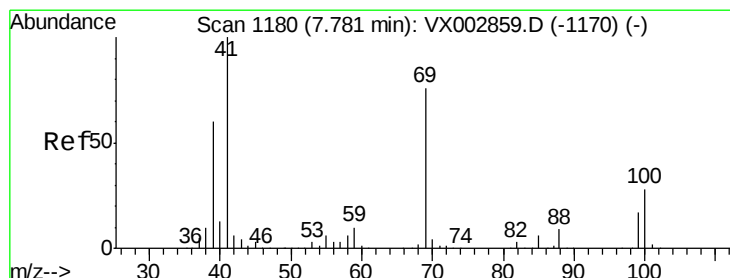
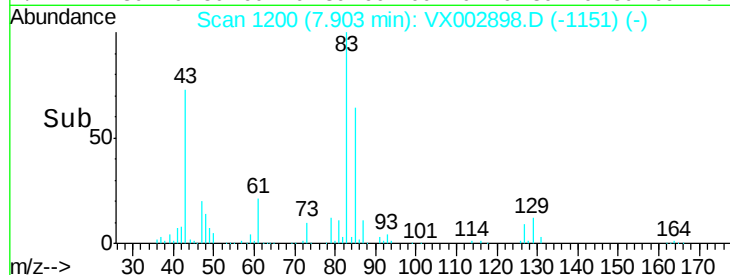
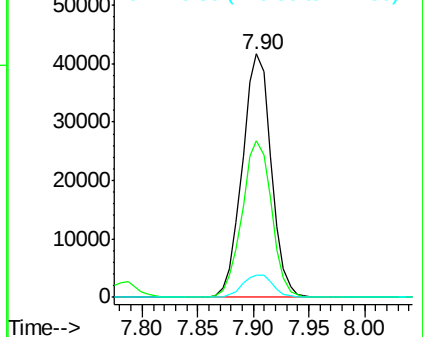
83 100

85 64.3 50.3 75.5

127 9.3 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.06 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

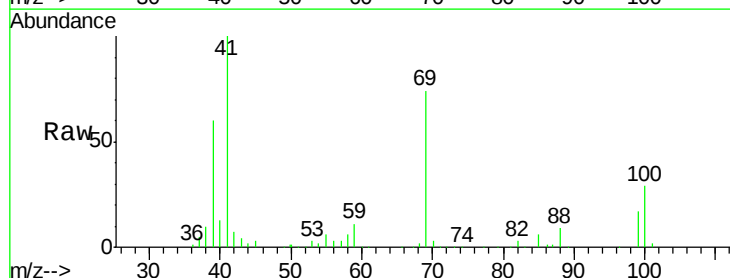
Tgt Ion: 41 Resp: 70696

Ion Ratio Lower Upper

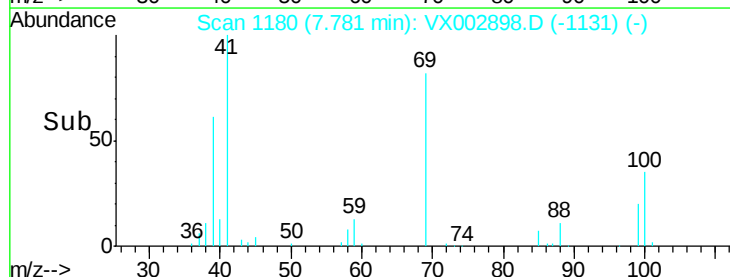
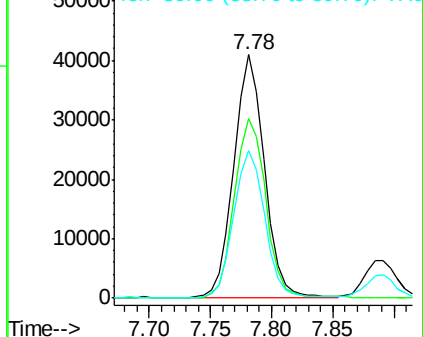
41 100

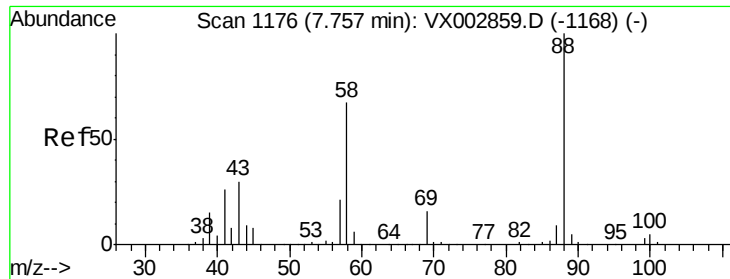
69 75.8 59.1 88.7

39 61.4 48.9 73.3



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

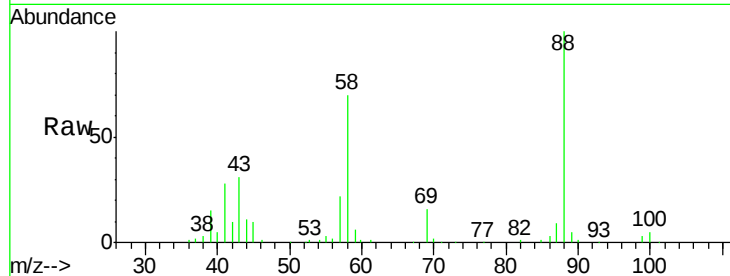




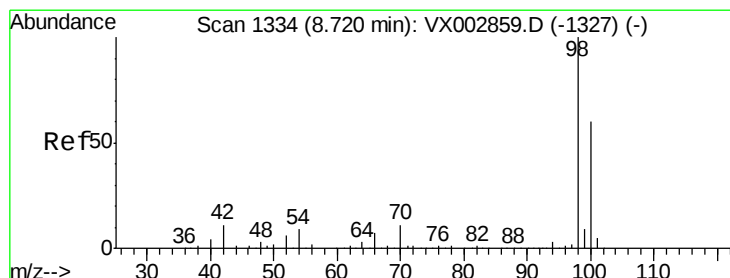
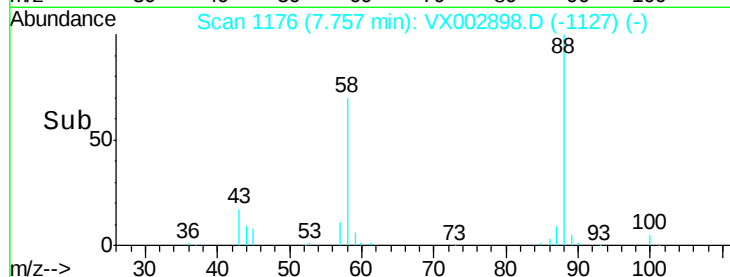
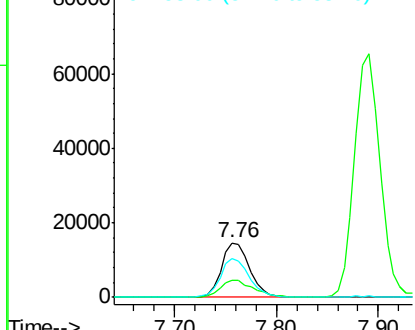
#49
1,4-Dioxane
Concen: 391.90 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28280
Ion Ratio Lower Upper
88 100
43 35.1 29.8 44.6
58 73.6 57.1 85.7

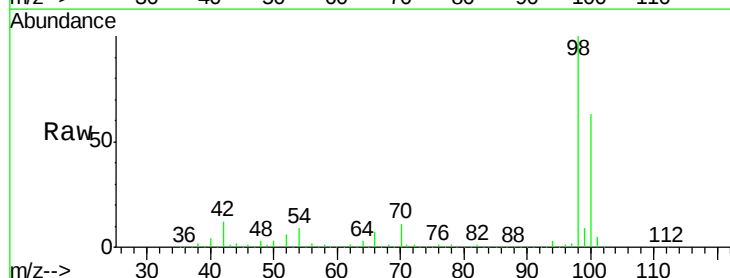


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

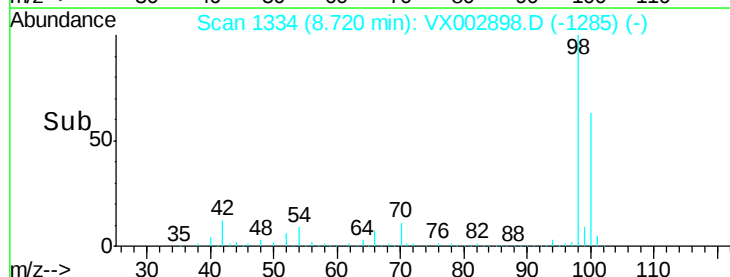
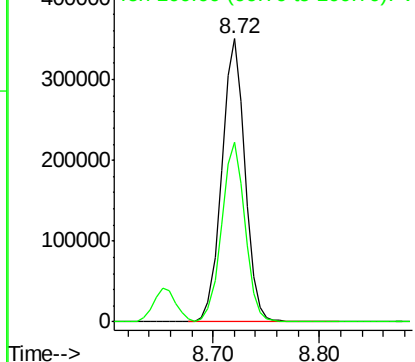


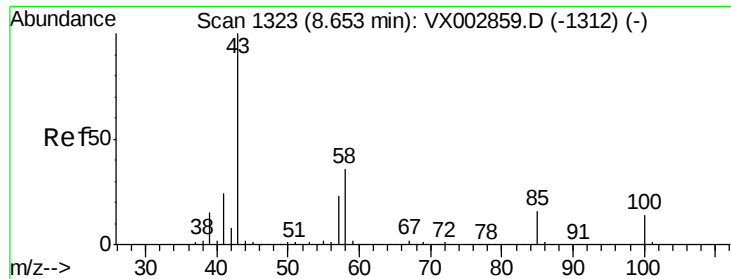
#50
Toluene-d8
Concen: 50.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion: 98 Resp: 533526
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 99.78 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

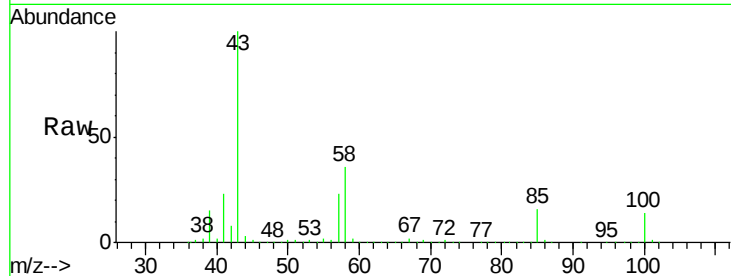
ClientSampled :

Tot Ion: 43 Resp: 449383

Ion Ratio Lower Upper

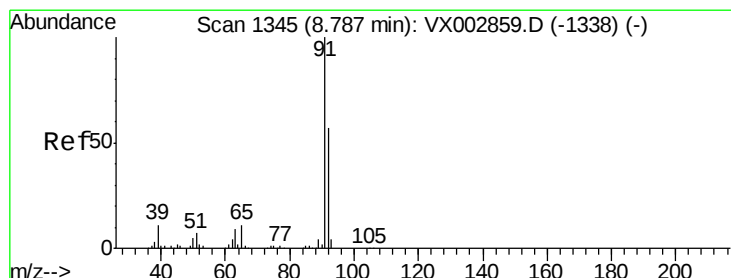
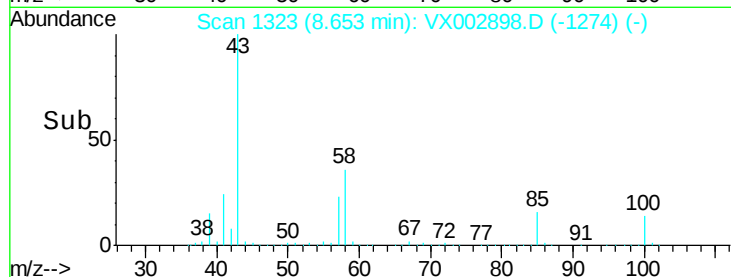
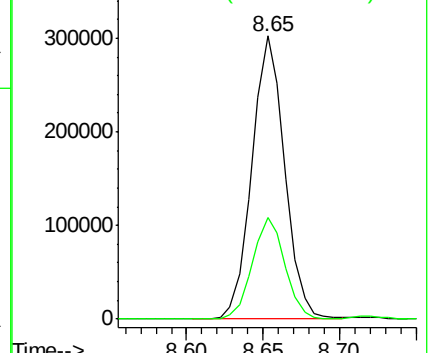
43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.22 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002898.D

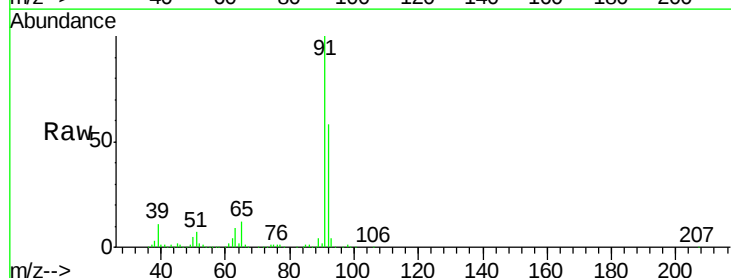
Acq: 26 Jun 2018 15:42

Tgt Ion: 92 Resp: 142633

Ion Ratio Lower Upper

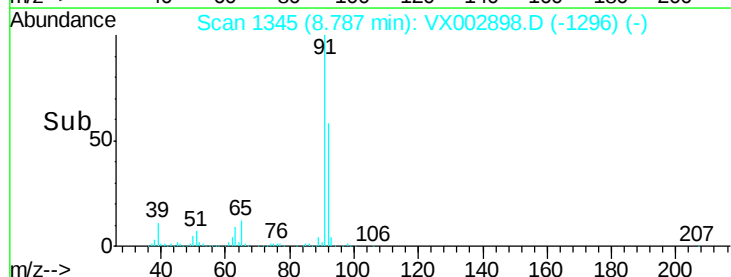
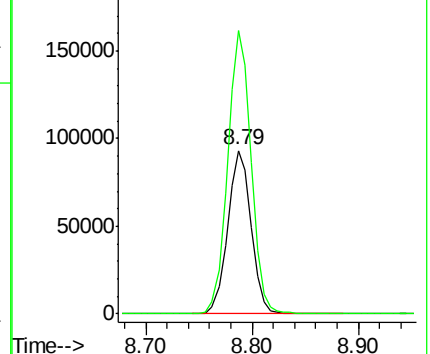
92 100

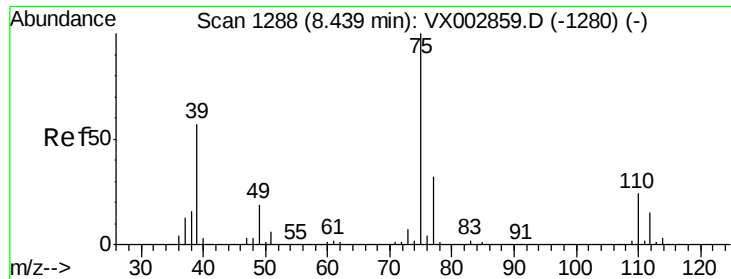
91 173.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

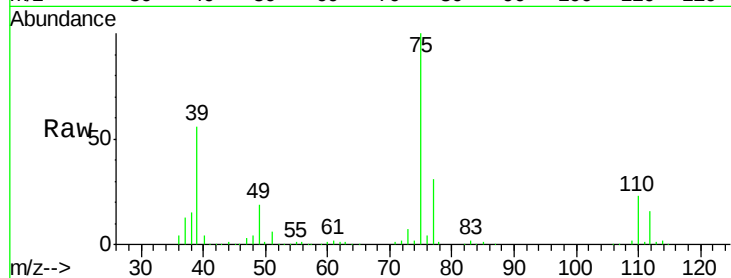
ClientSampled :

Tot Ion: 75 Resp: 85662

Ion Ratio Lower Upper

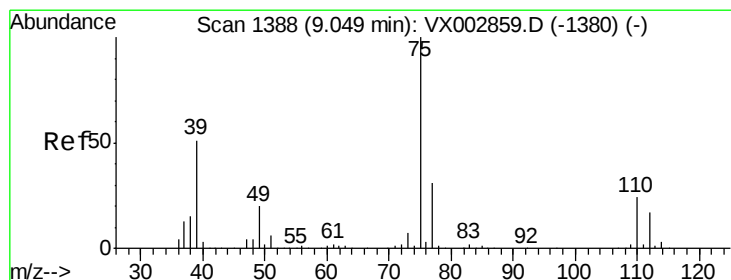
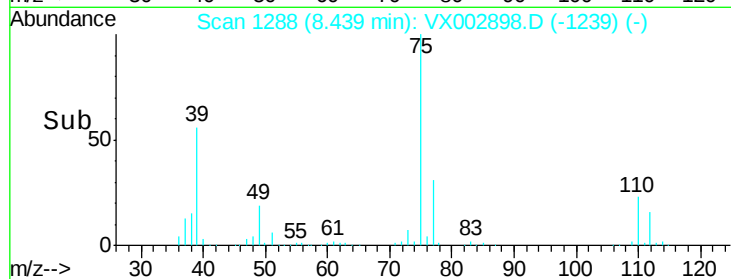
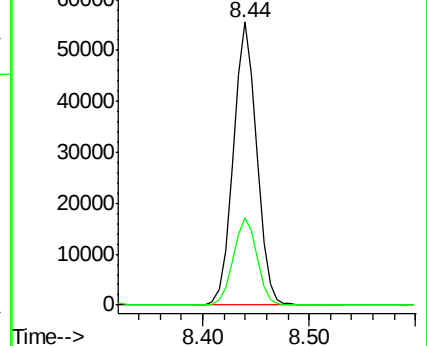
75 100

77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.28 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

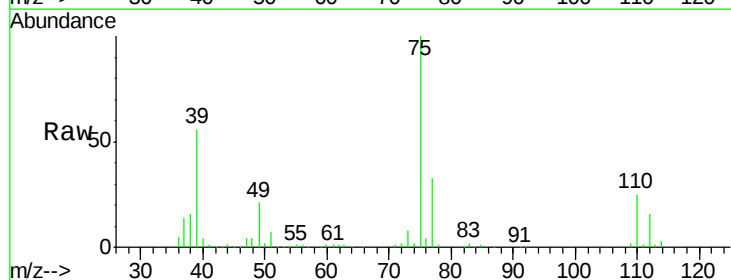
Tgt Ion: 75 Resp: 78521

Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2

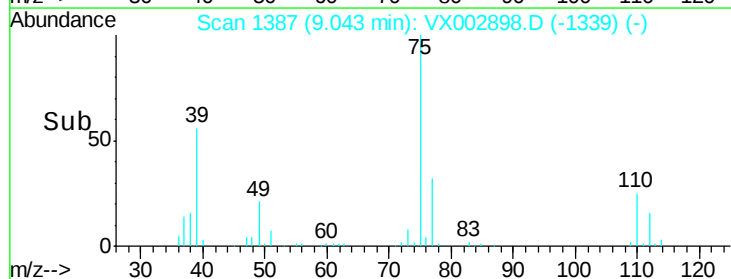
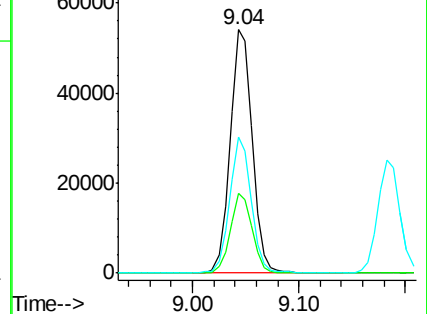
39 55.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

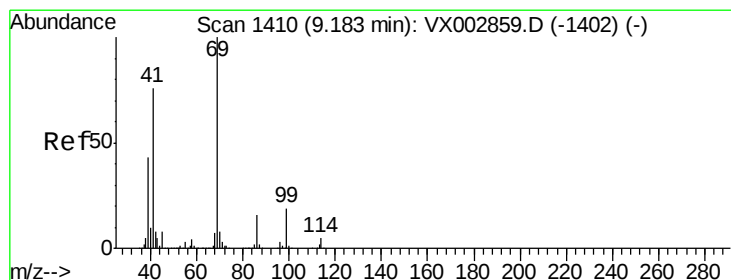
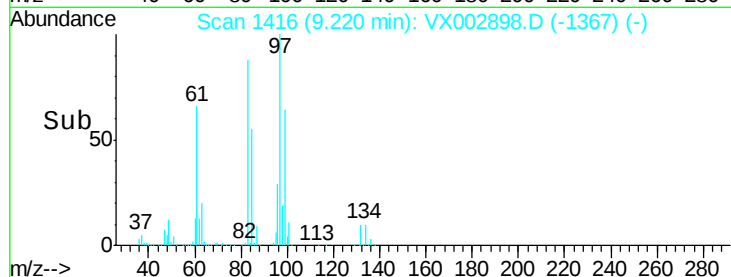
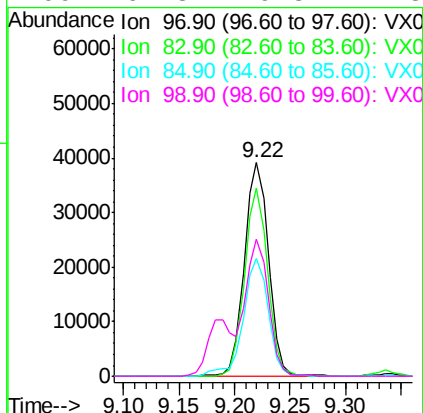
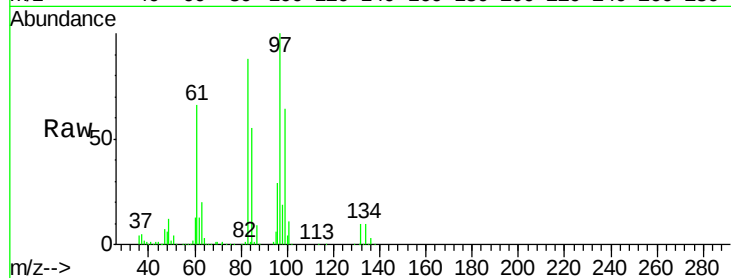




#55
 1,1,2-Trichloroethane
 Concen: 19.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

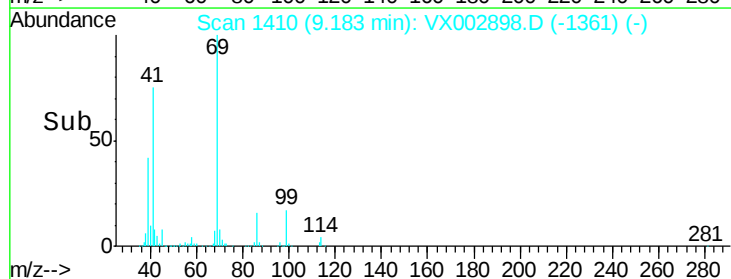
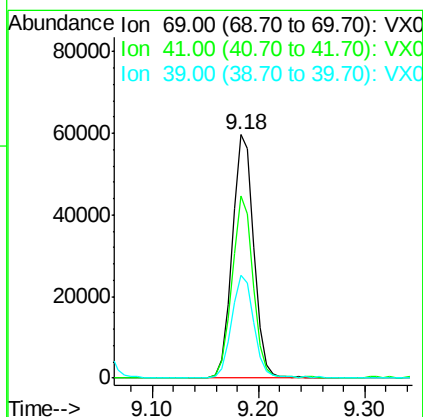
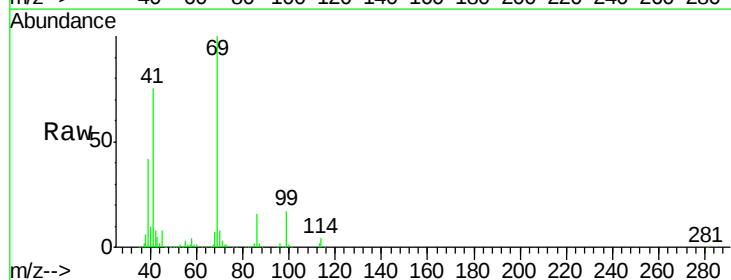
Instrument :
 MSVOA_X
 ClientSampleId :

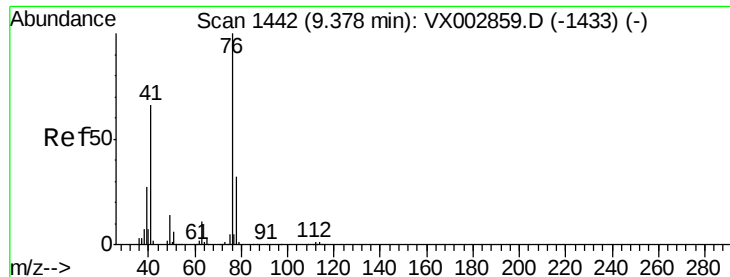
Tot Ion:	97	Resp:	59205
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.2
85	54.9	44.9	67.3
99	64.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.02 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion:	69	Resp:	84741
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	43.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.40 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

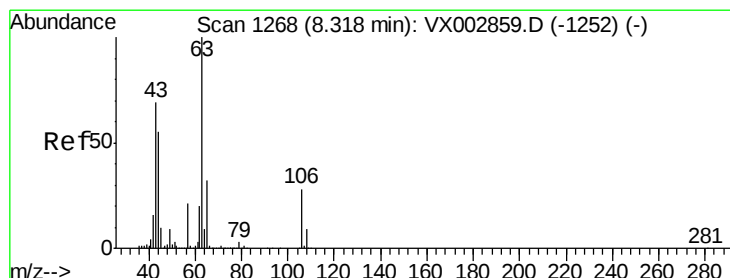
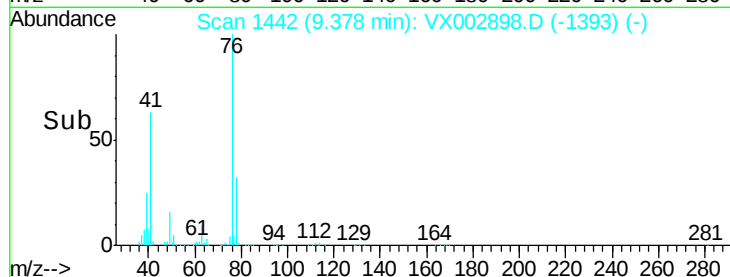
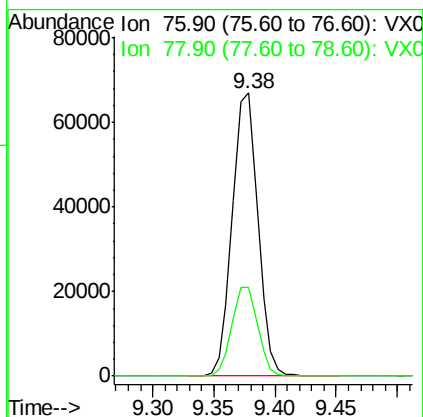
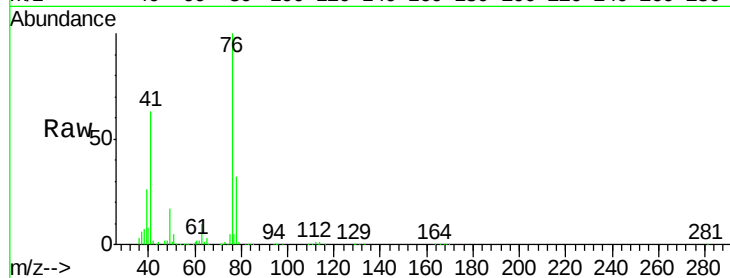
ClientSampleId :

Tot Ion: 76 Resp: 97148

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.69 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002898.D

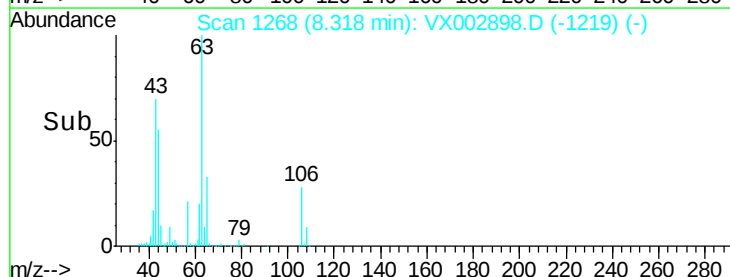
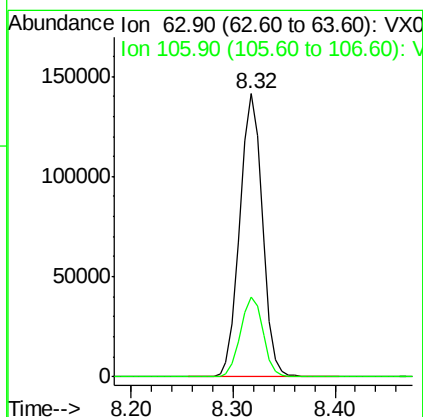
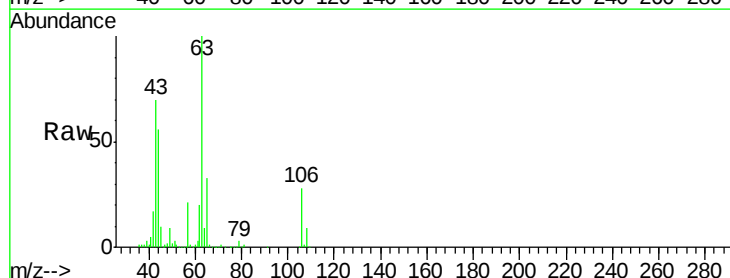
Acq: 26 Jun 2018 15:42

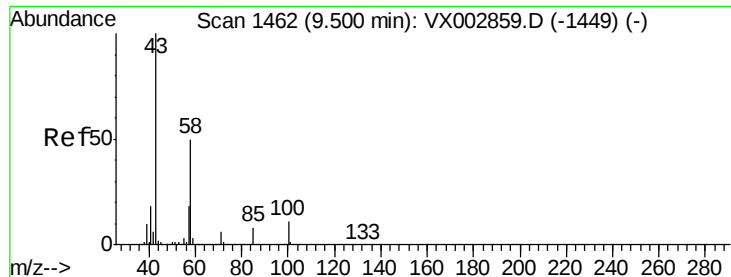
Tgt Ion: 63 Resp: 216461

Ion Ratio Lower Upper

63 100

106 28.3 21.8 32.8

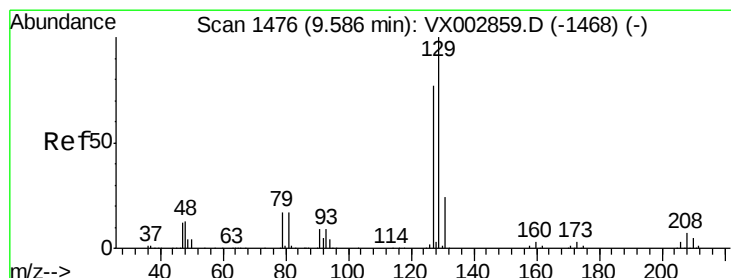
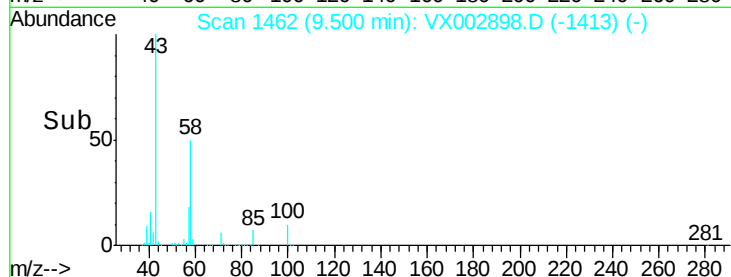
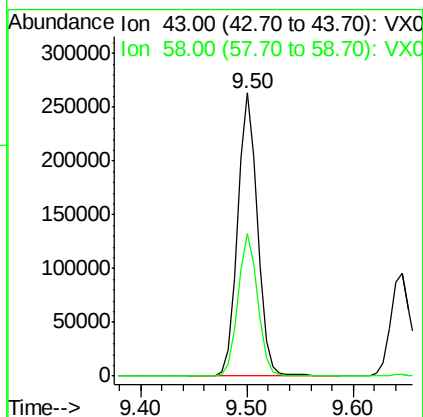
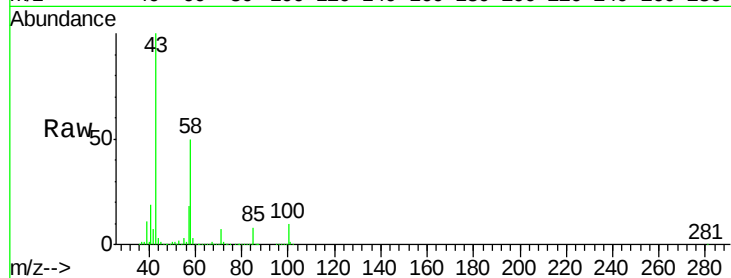




#59
2-Hexanone
Concen: 100.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

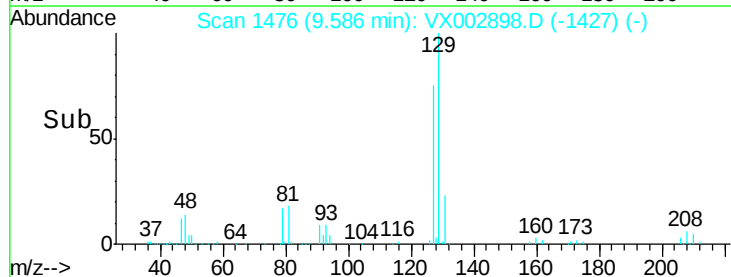
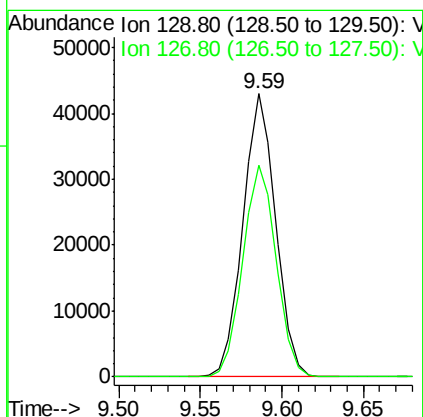
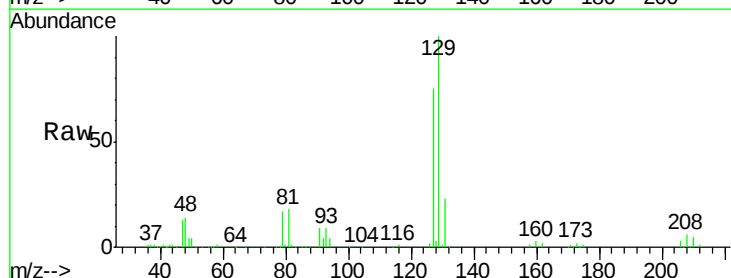
Instrument :
MSVOA_X
ClientSampleId :

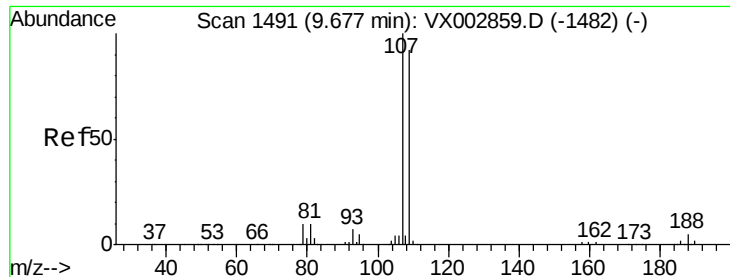
Tot Ion: 43 Resp: 344601
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6



#60
Dibromochloromethane
Concen: 18.74 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion: 129 Resp: 60164
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

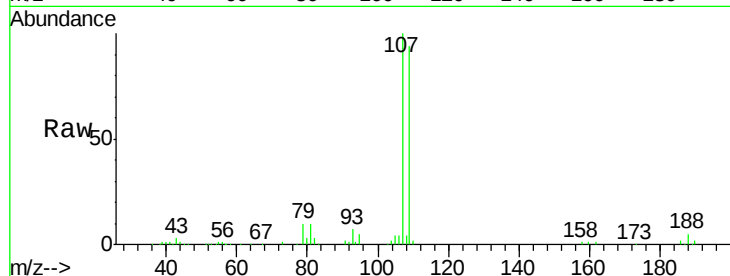
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 61098

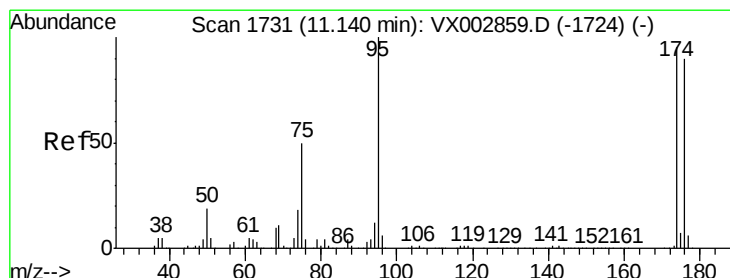
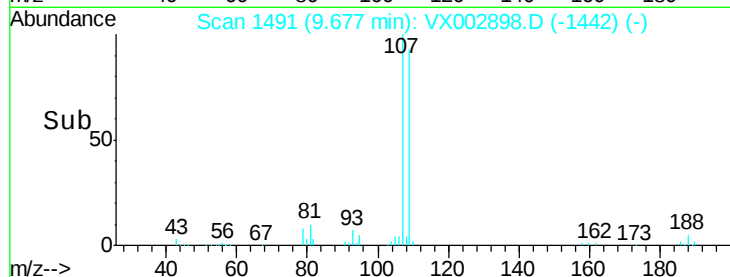
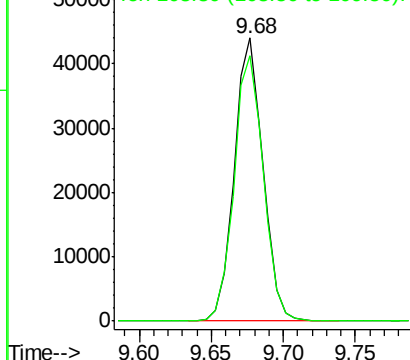
Ion Ratio Lower Upper

107 100

109 95.8 75.3 112.9



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



#62

4-Bromofluorobenzene

Concen: 49.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

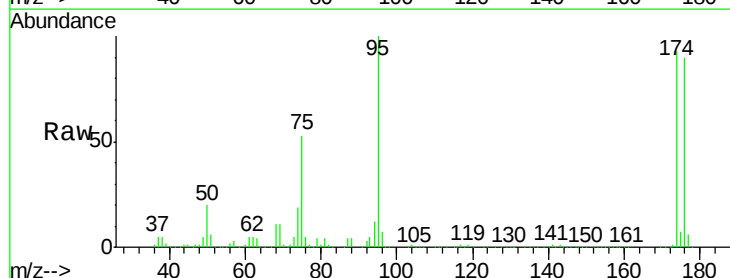
Tgt Ion: 95 Resp: 201428

Ion Ratio Lower Upper

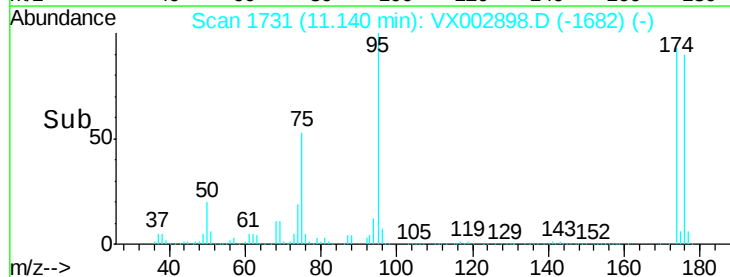
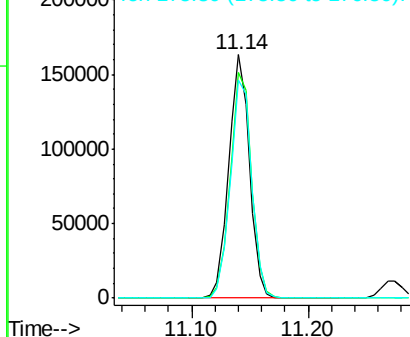
95 100

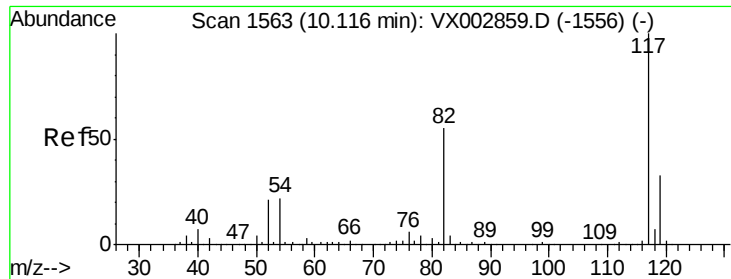
174 95.3 0.0 187.4

176 93.2 0.0 181.0



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

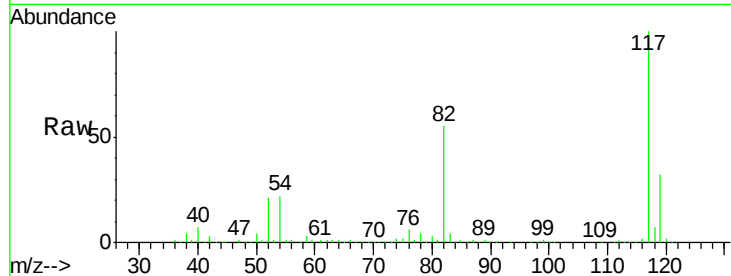




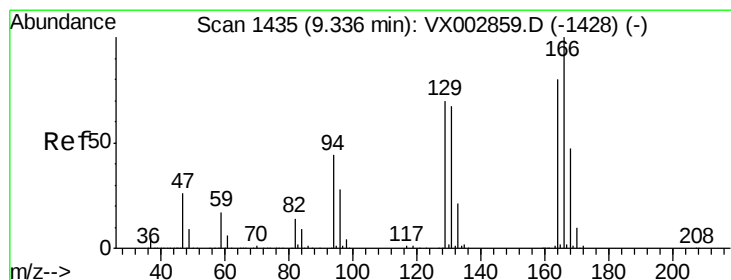
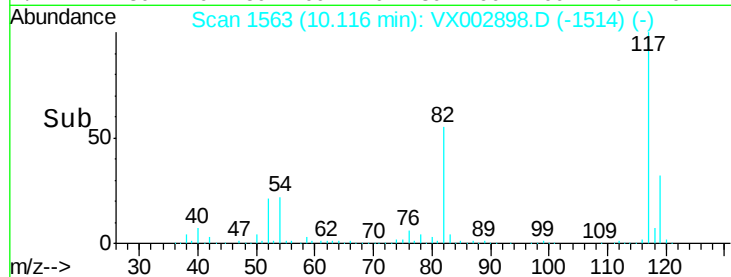
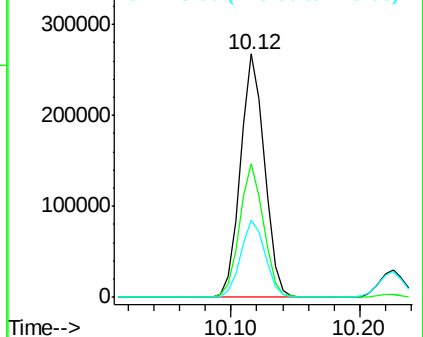
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 346157
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.9 25.8 38.6

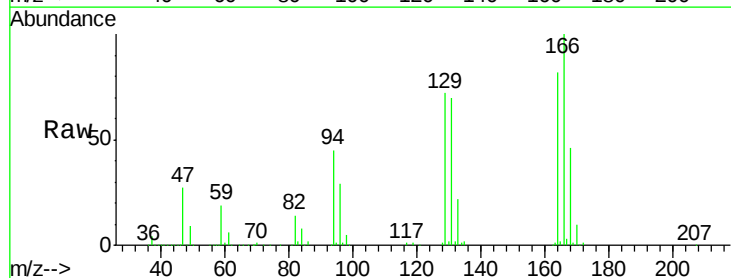


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

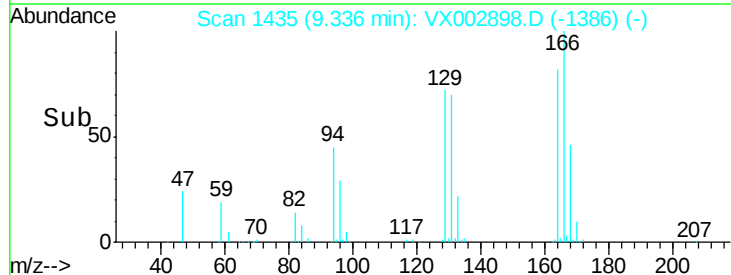
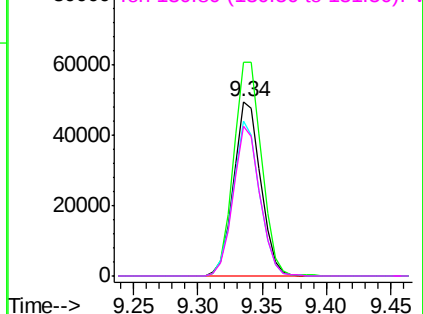


#64
Tetrachloroethene
Concen: 18.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion:164 Resp: 72578
Ion Ratio Lower Upper
164 100
166 122.4 102.9 154.3
129 88.6 68.6 102.8
131 85.7 66.8 100.2



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: 18.74 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

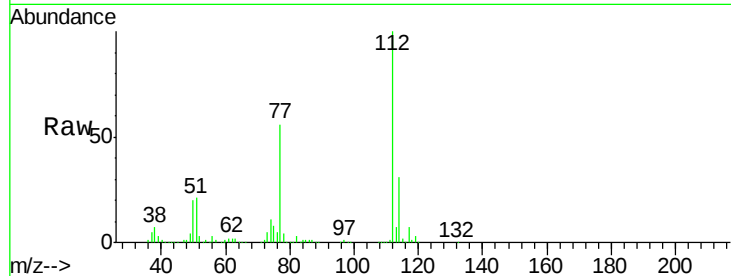
ClientSampled :

Tot Ion:112 Resp: 164764

Ion Ratio Lower Upper

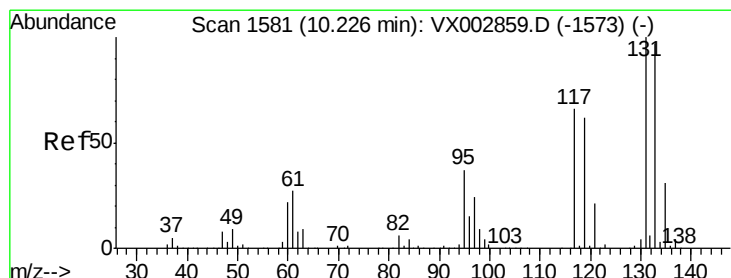
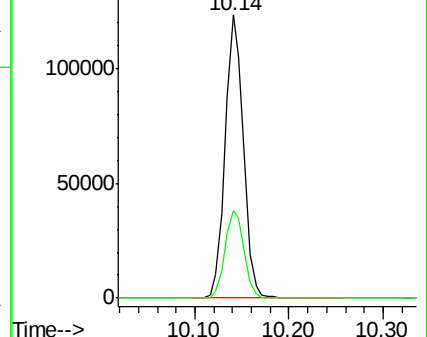
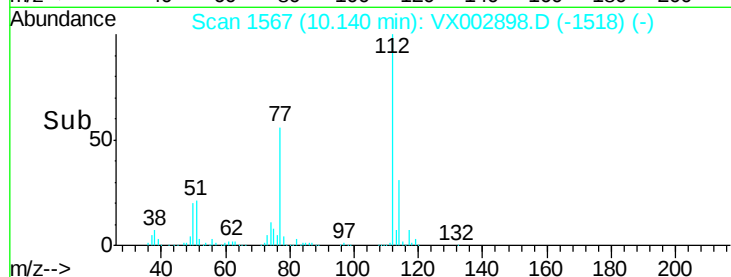
112 100

114 31.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

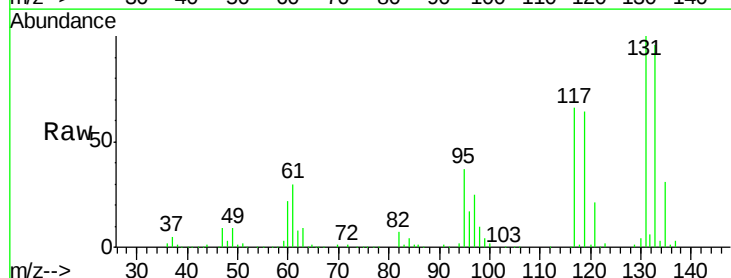
Tgt Ion:131 Resp: 60592

Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

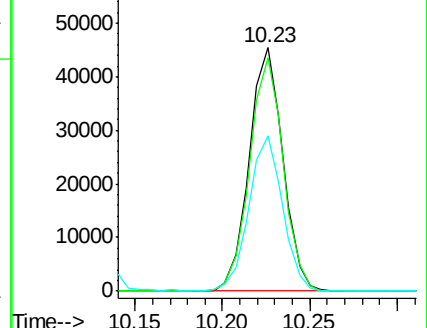
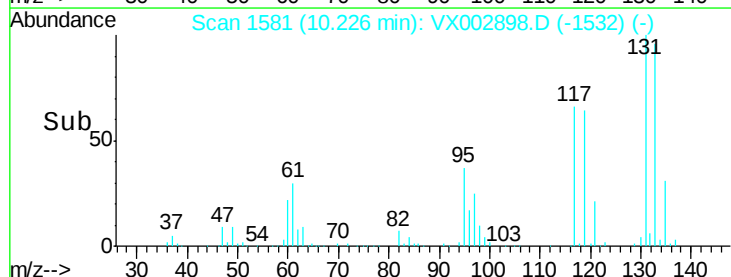
119 63.9 31.8 95.3

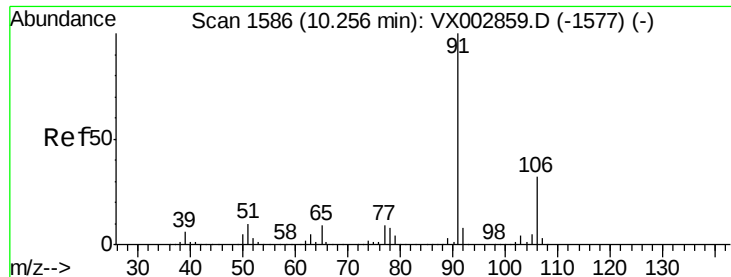


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.08 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

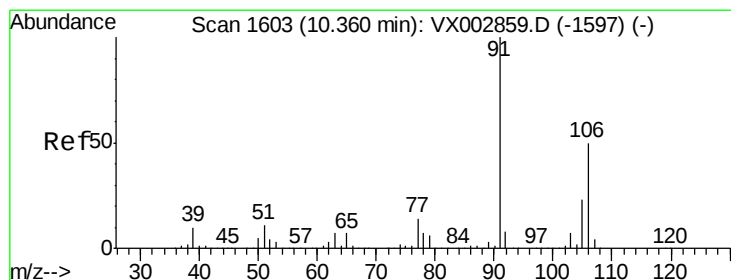
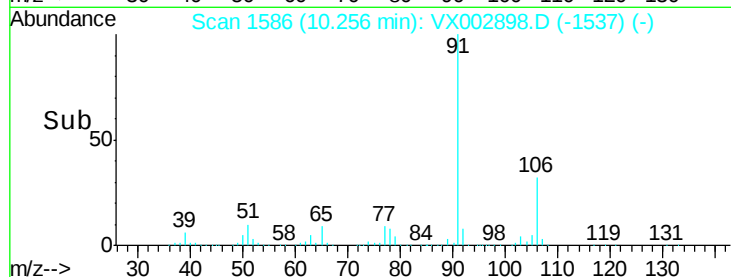
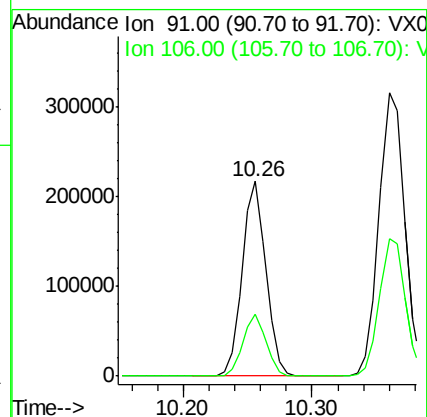
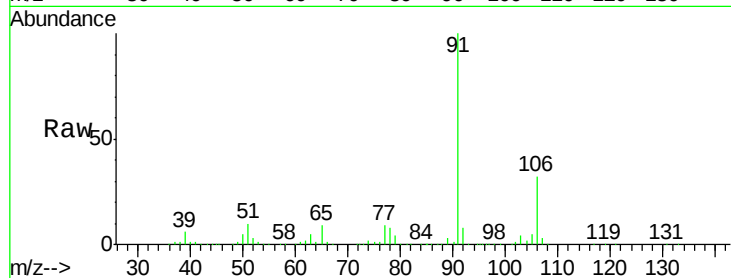
ClientSampleId :

Tot Ion: 91 Resp: 277195

Ion Ratio Lower Upper

91 100

106 31.7 25.5 38.3



#68

m/p-Xylenes

Concen: 37.96 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002898.D

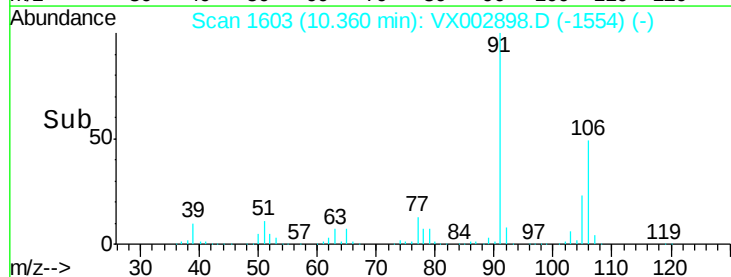
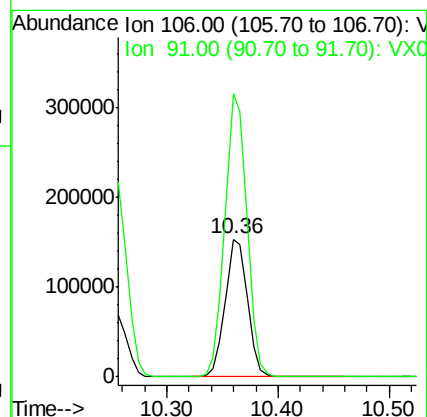
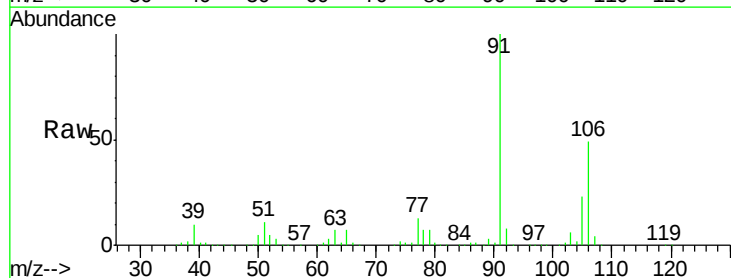
Acq: 26 Jun 2018 15:42

Tgt Ion: 106 Resp: 212493

Ion Ratio Lower Upper

106 100

91 204.9 163.4 245.2

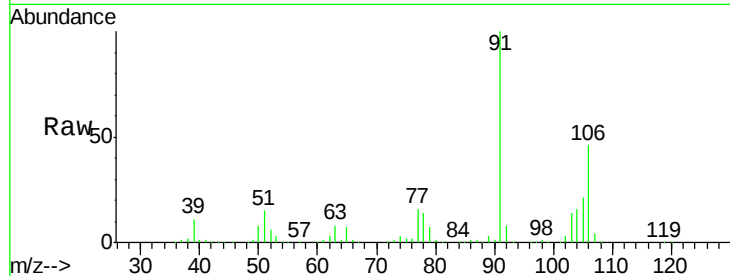




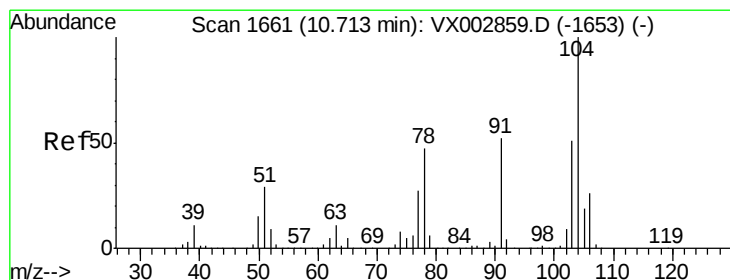
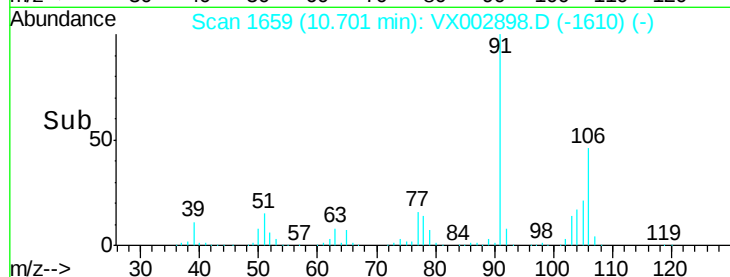
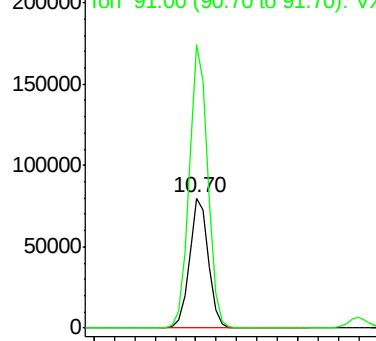
#69
o-Xylene
Concen: 19.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 103569
Ion Ratio Lower Upper
106 100
91 216.2 108.2 324.6

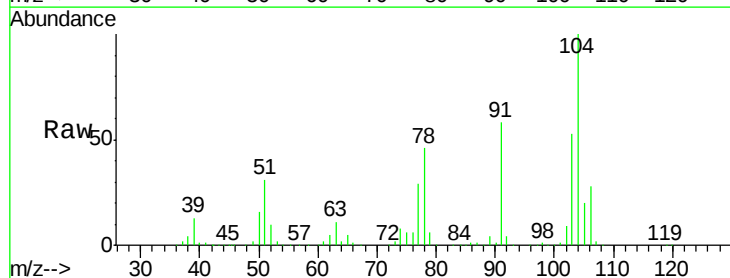


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

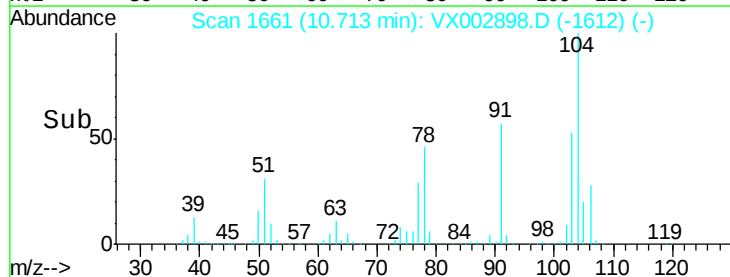
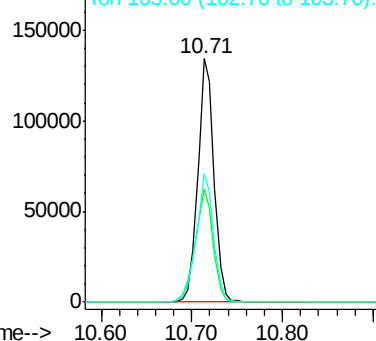


#70
Styrene
Concen: 19.18 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion:104 Resp: 169872
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.9 44.2 66.4



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





#71

Bromoform

Concen: 19.04 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampled :

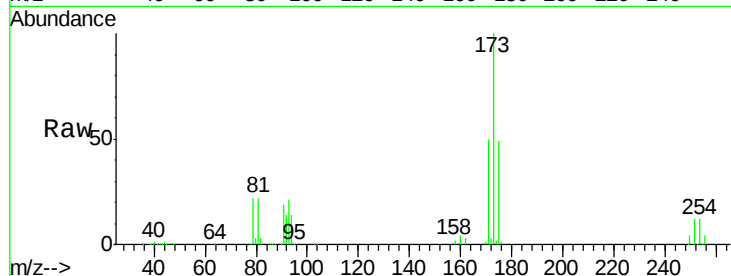
Tot Ion:173 Resp: 47369

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

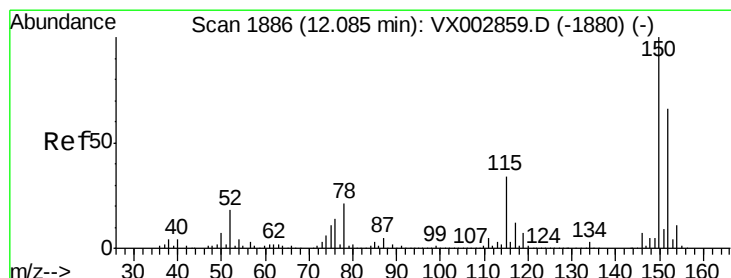
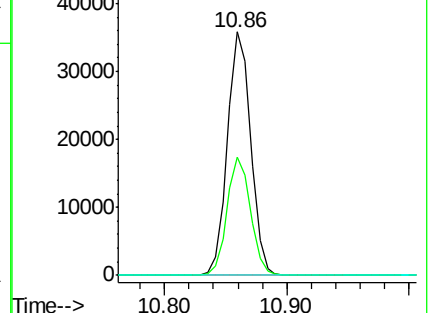
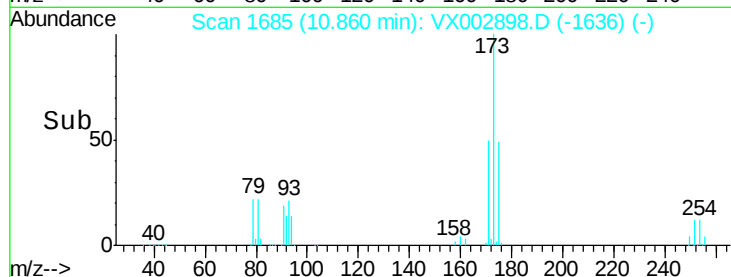
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

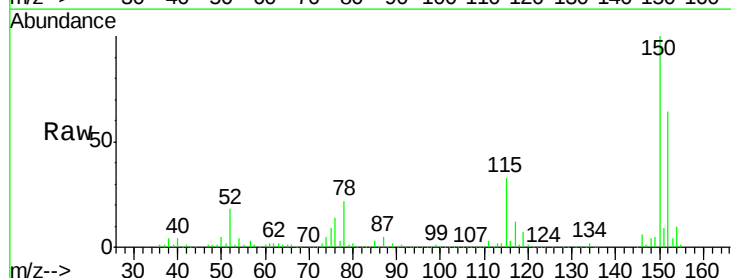
Tgt Ion:152 Resp: 213736

Ion Ratio Lower Upper

152 100

115 64.8 40.1 120.2

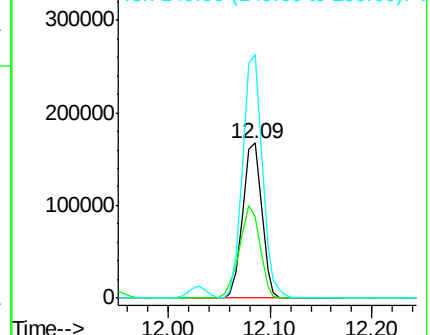
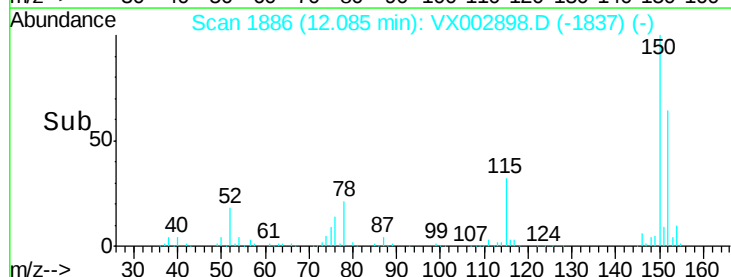
150 163.8 0.0 347.2

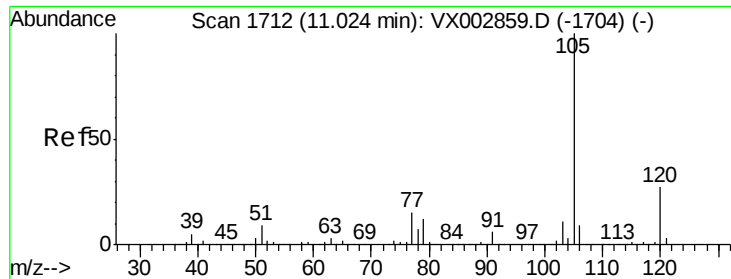


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

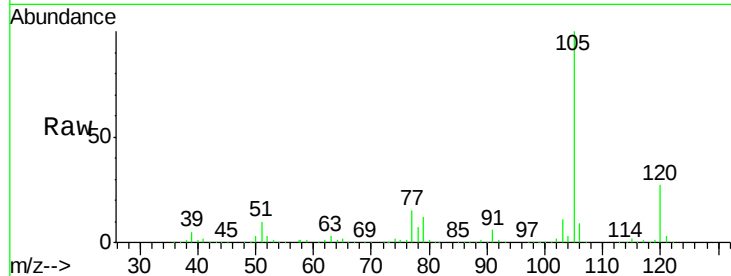
ClientSampleId :

Tot Ion:105 Resp: 286386

Ion Ratio Lower Upper

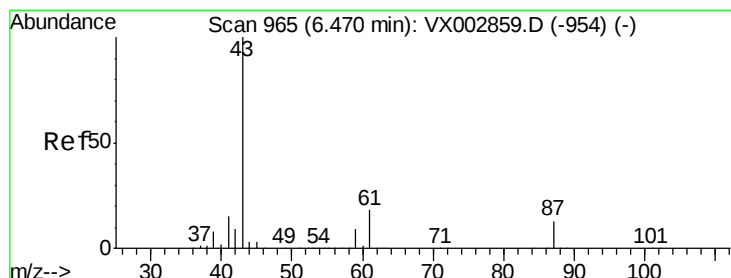
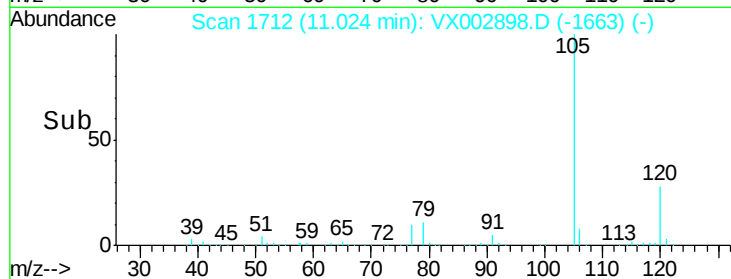
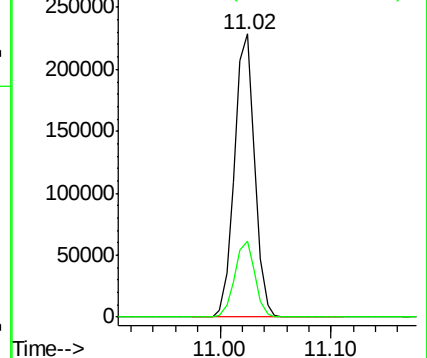
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.31 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Tgt Ion: 43 Resp: 135882

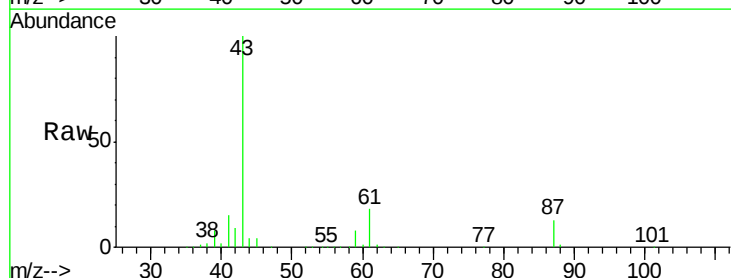
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 18.1 14.4 21.6

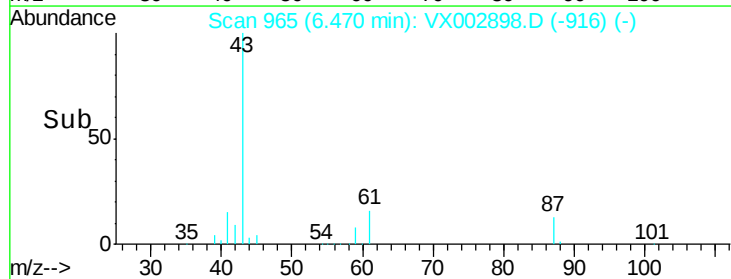
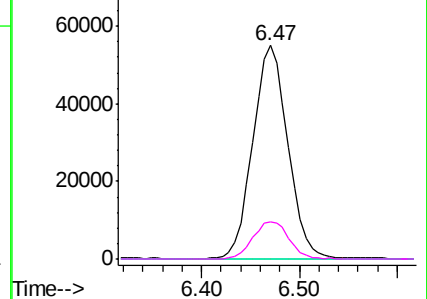


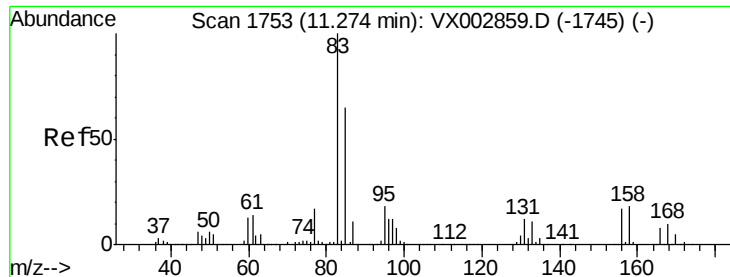
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.99 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

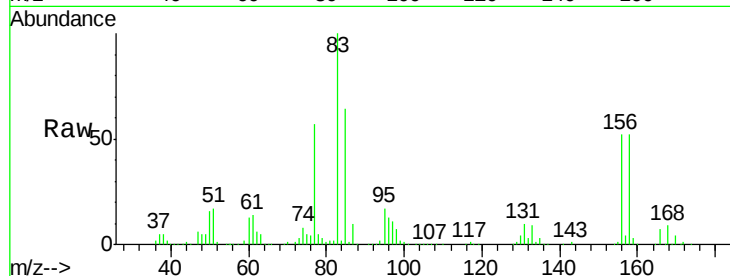
Tot Ion: 83 Resp: 88553

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

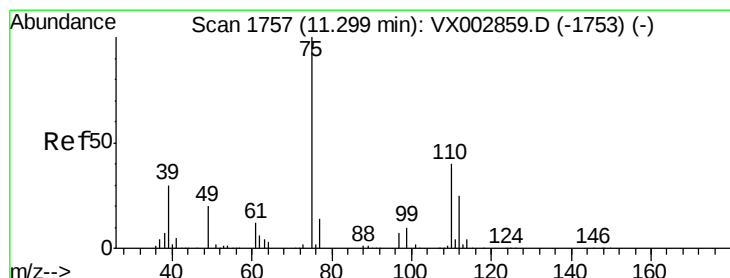
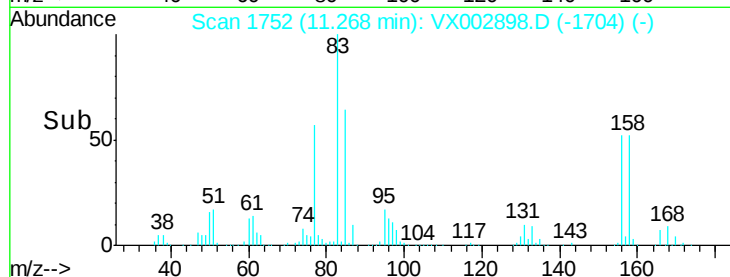
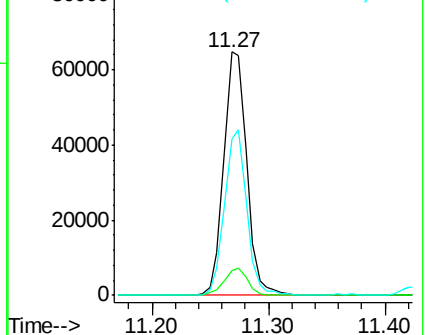
85 65.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.00 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002898.D

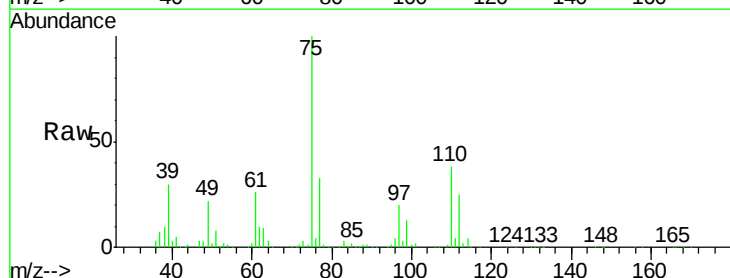
Acq: 26 Jun 2018 15:42

Tgt Ion: 75 Resp: 96771

Ion Ratio Lower Upper

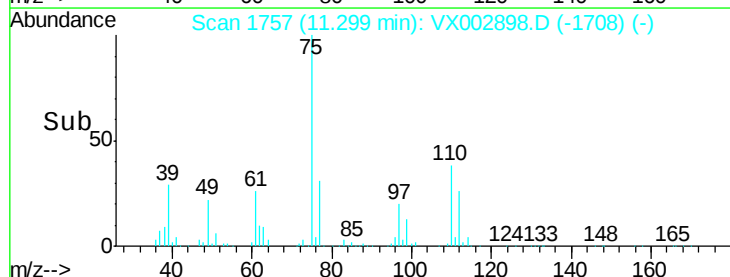
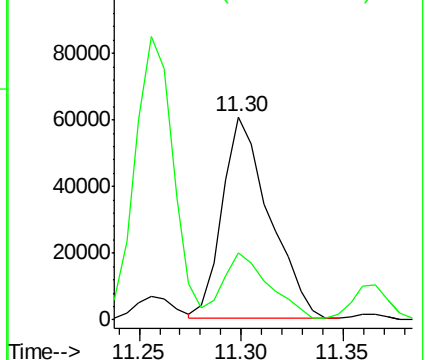
75 100

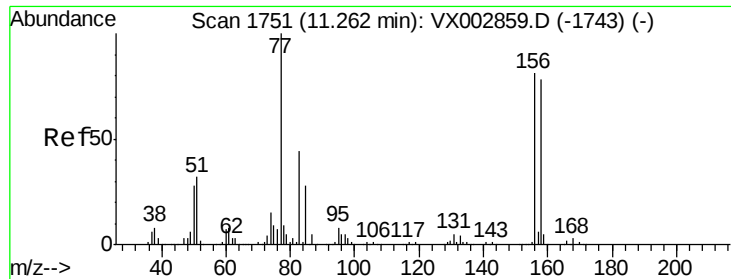
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.09 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

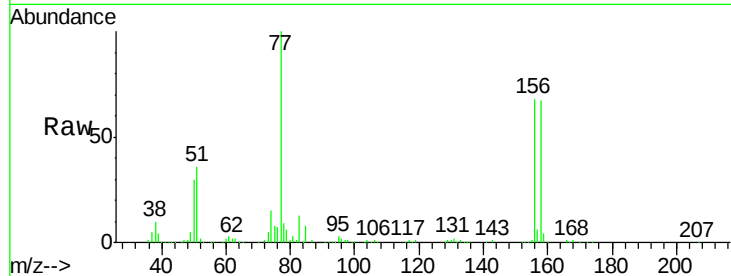
Tot Ion:156 Resp: 78156

Ion Ratio Lower Upper

156 100

77 141.3 71.4 214.2

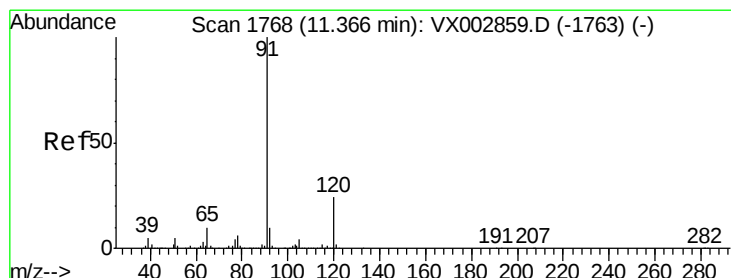
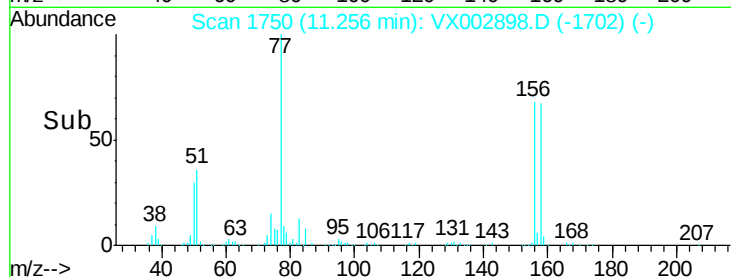
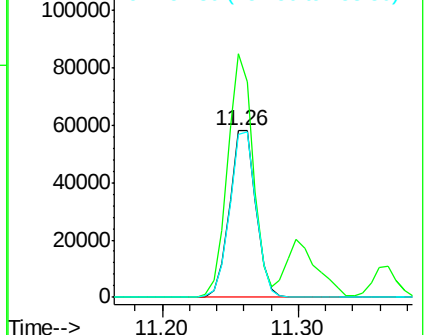
158 98.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.74 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002898.D

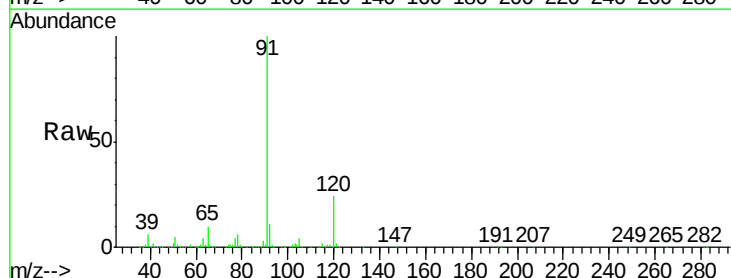
Acq: 26 Jun 2018 15:42

Tgt Ion: 91 Resp: 323097

Ion Ratio Lower Upper

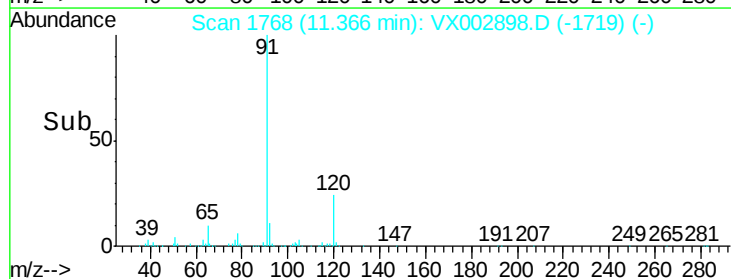
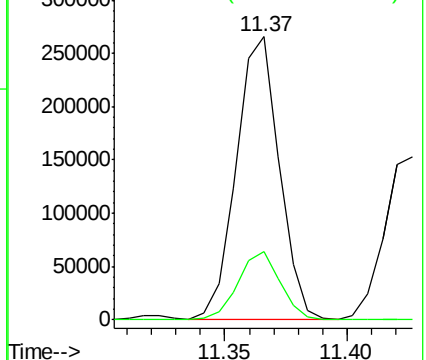
91 100

120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

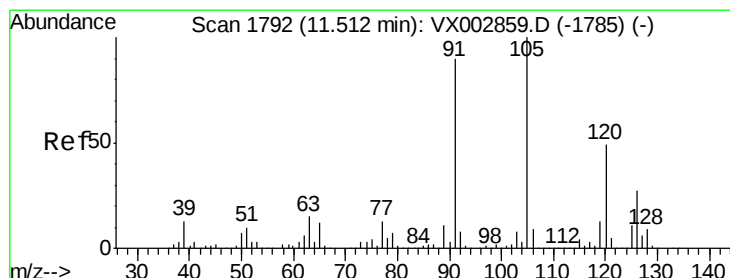
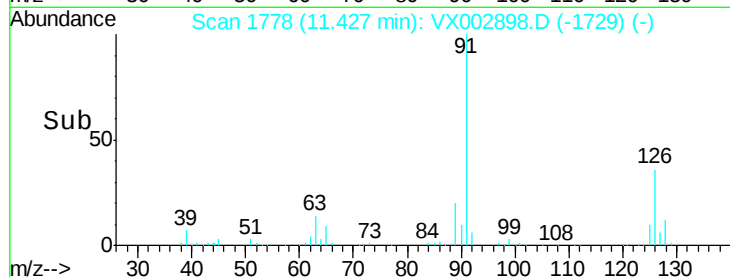
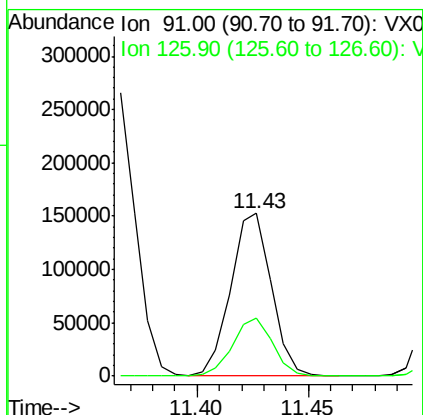
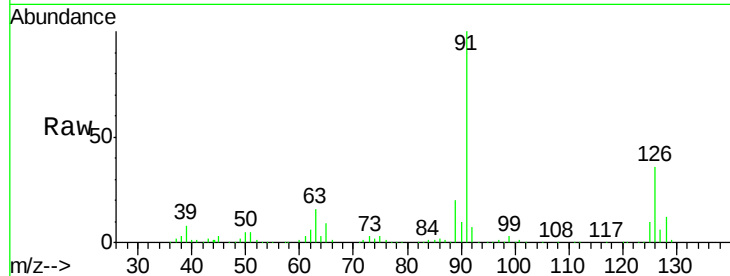




#79
 2-Chlorotoluene
 Concen: 19.47 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

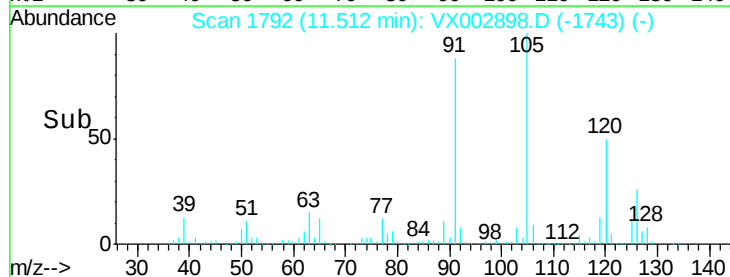
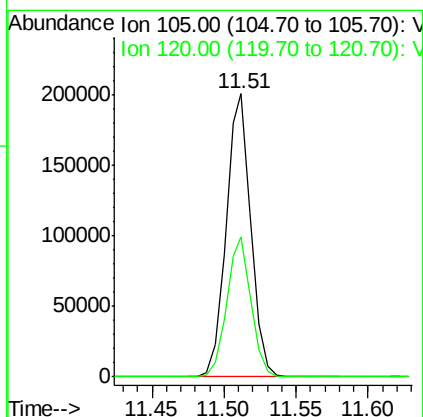
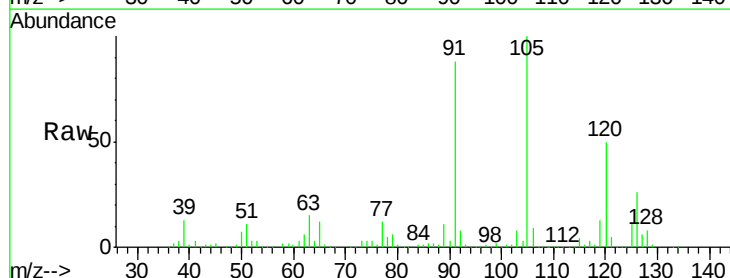
Instrument :
 MSVOA_X
 ClientSampled :

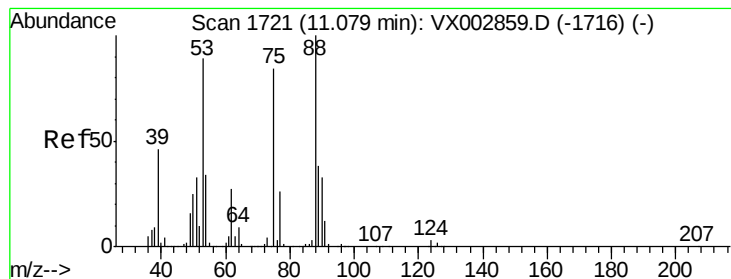
Tot Ion: 91 Resp: 192954
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.84 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion: 105 Resp: 240281
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampled :

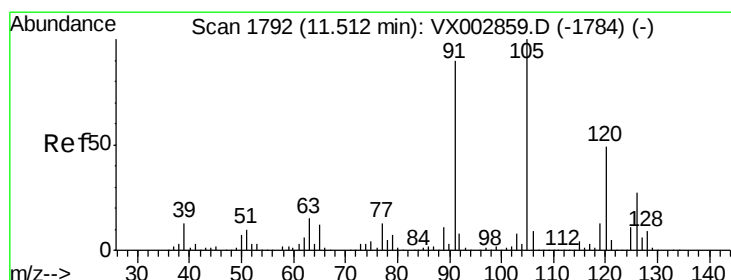
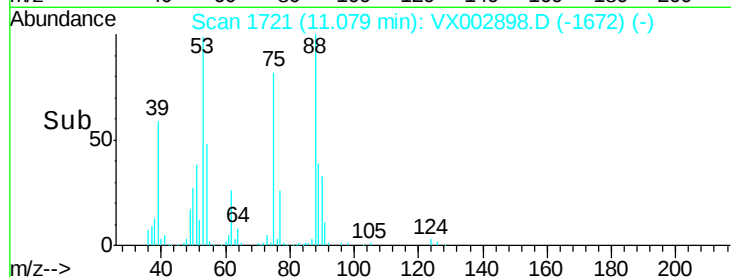
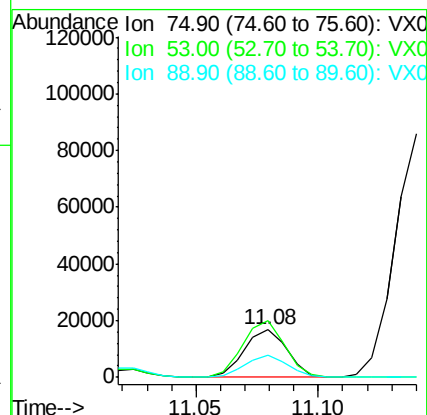
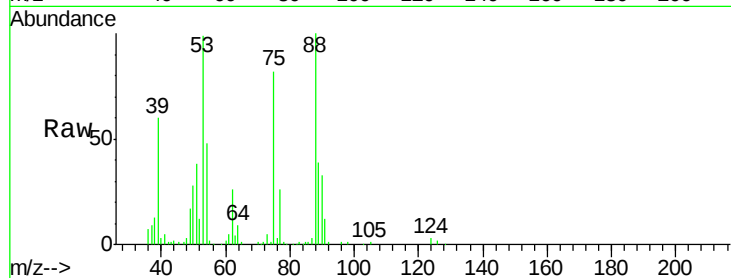
Tot Ion: 75 Resp: 20186

Ion Ratio Lower Upper

75 100

53 122.2 86.8 130.2

89 48.3 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002898.D

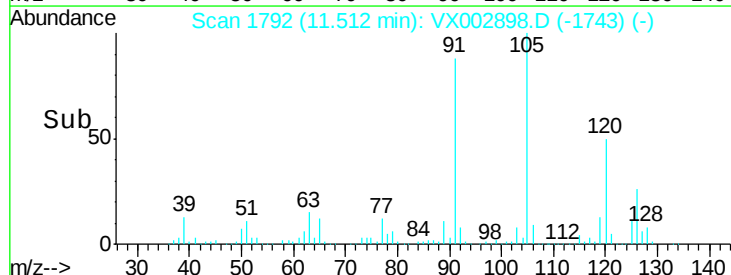
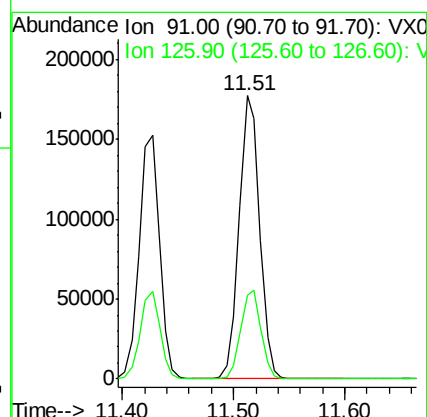
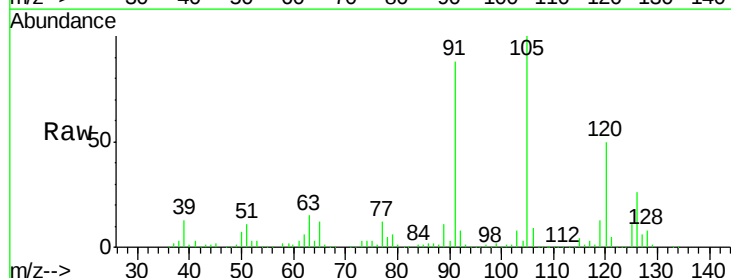
Acq: 26 Jun 2018 15:42

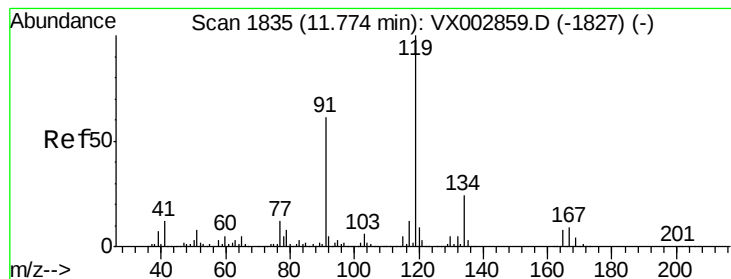
Tgt Ion: 91 Resp: 226310

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4





#83

tert-Butylbenzene

Concen: 19.72 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampled :

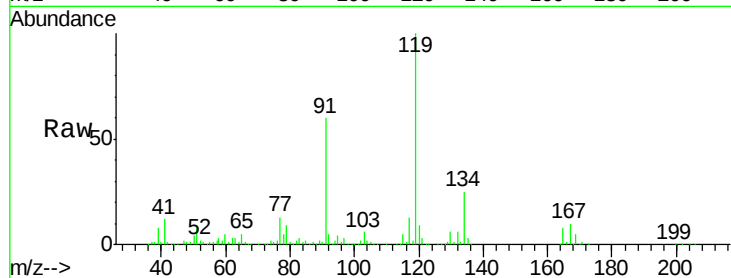
Tot Ion:119 Resp: 235361

Ion Ratio Lower Upper

119 100

91 58.6 30.3 90.9

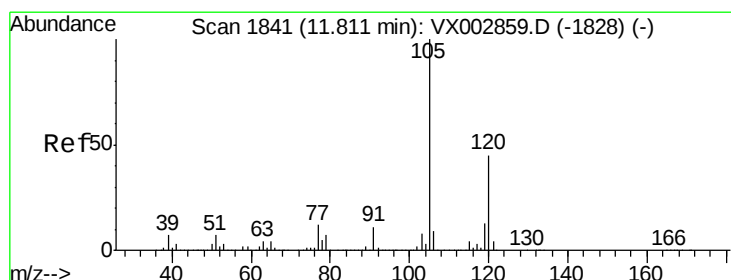
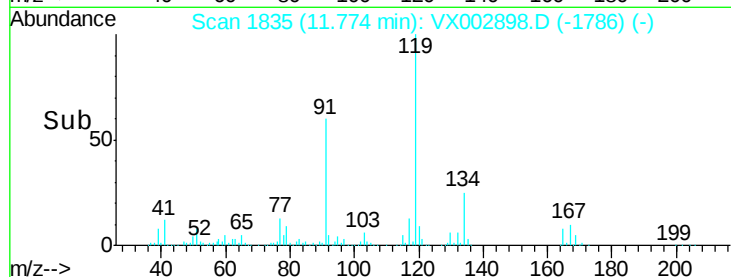
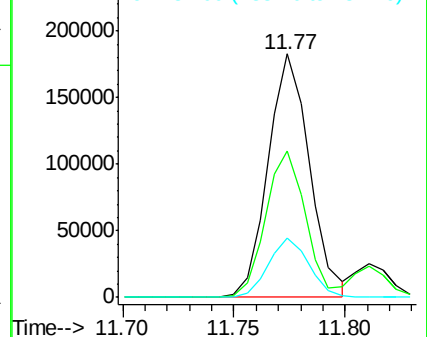
134 23.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.53 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002898.D

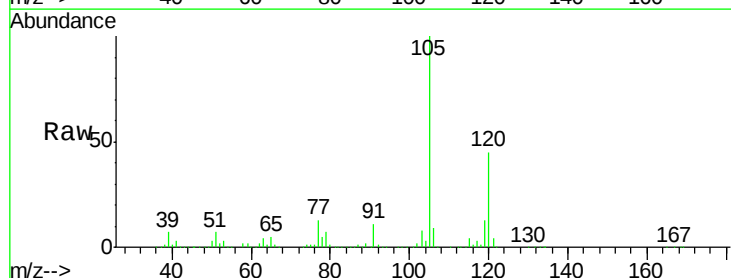
Acq: 26 Jun 2018 15:42

Tgt Ion:105 Resp: 245055

Ion Ratio Lower Upper

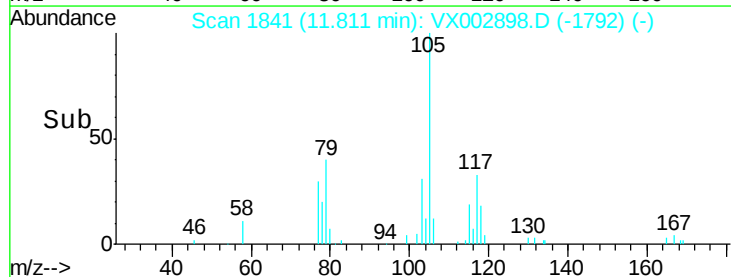
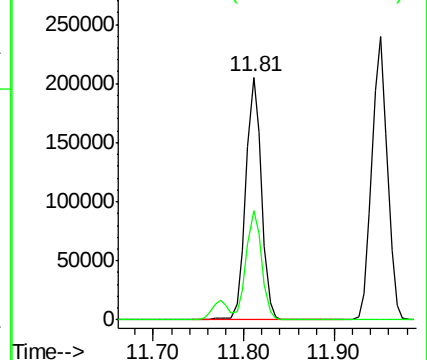
105 100

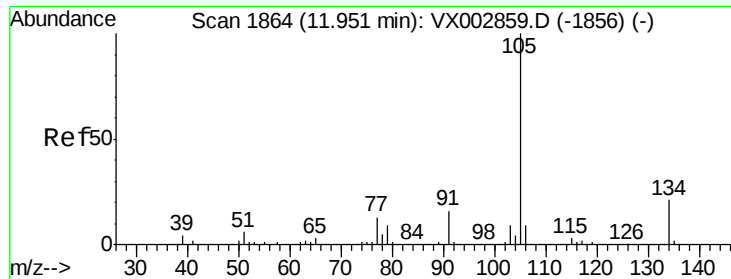
120 44.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.75 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

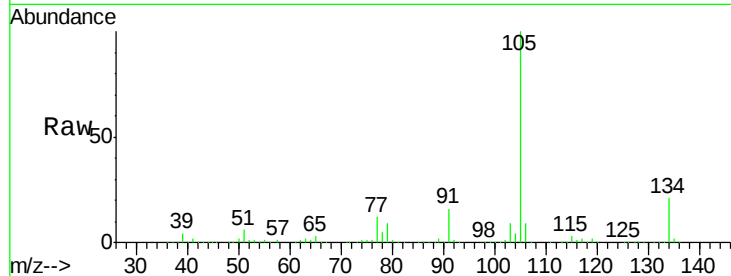
ClientSampleId :

Tot Ion:105 Resp: 285921

Ion Ratio Lower Upper

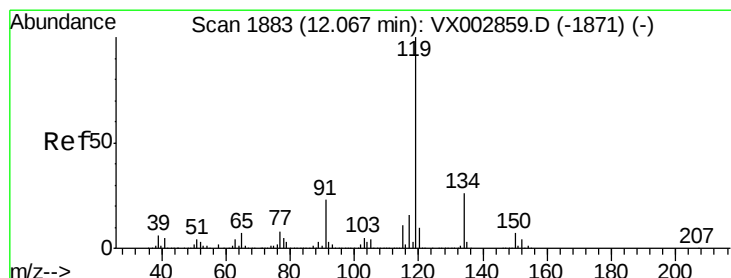
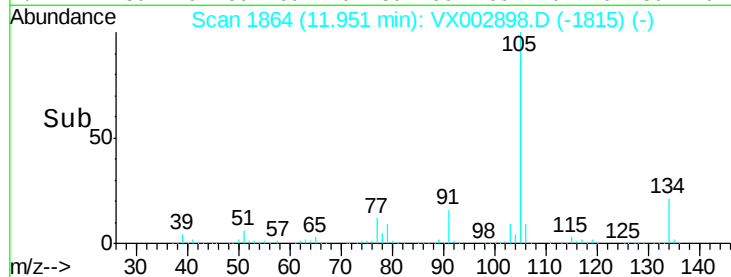
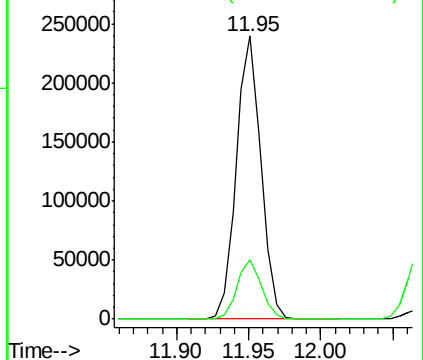
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.97 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

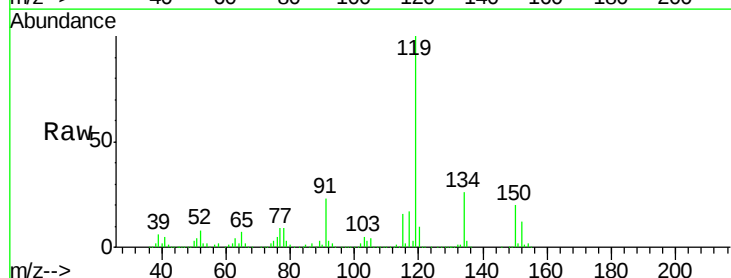
Tgt Ion:119 Resp: 260000

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

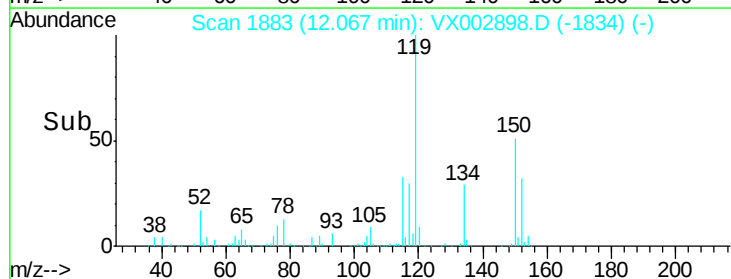
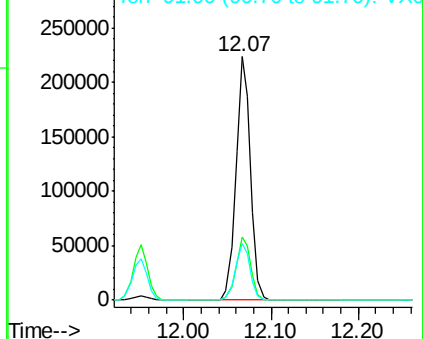
91 23.5 11.9 35.7

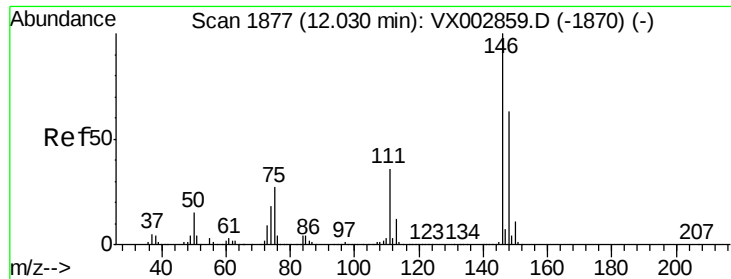


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.22 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

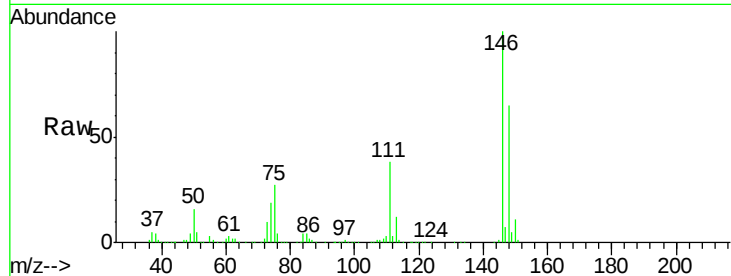
Tot Ion:146 Resp: 143751

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.7

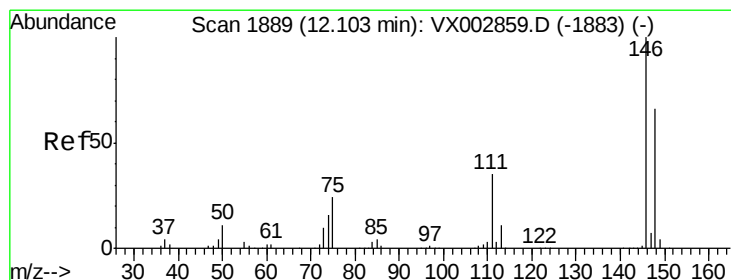
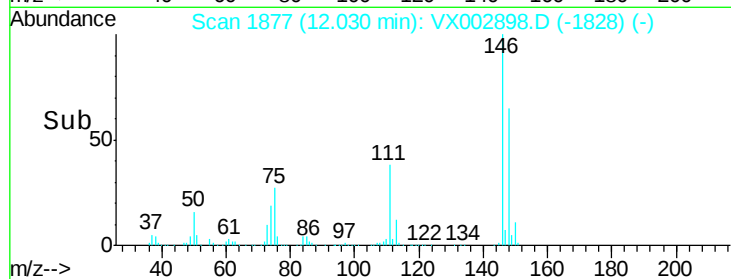
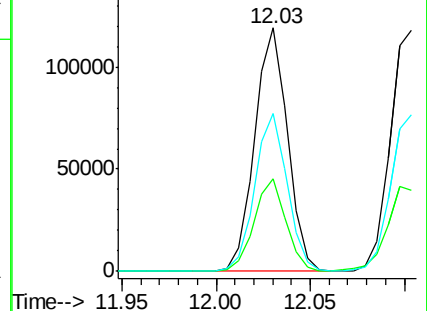
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.92 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

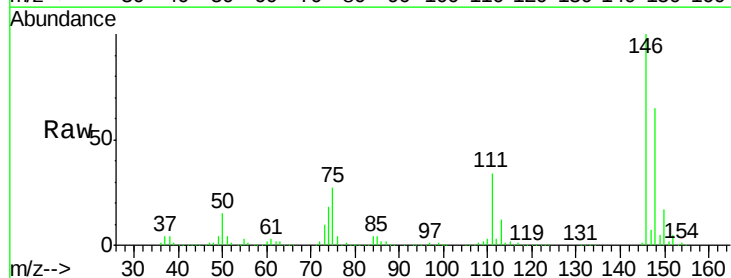
Tgt Ion:146 Resp: 145610

Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

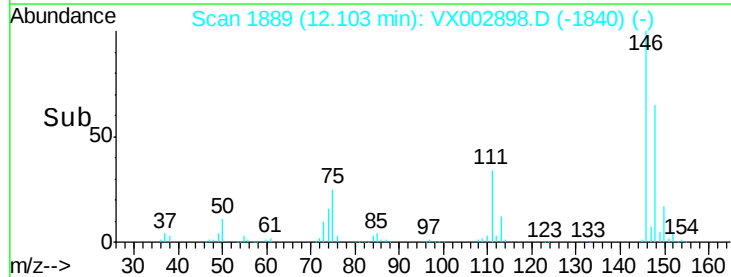
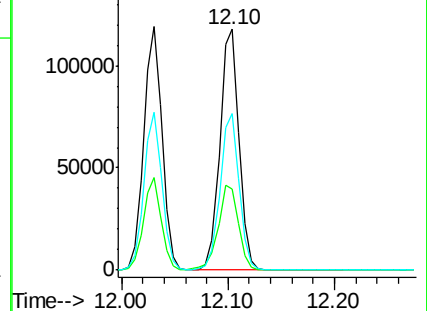
148 64.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.90 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampled :

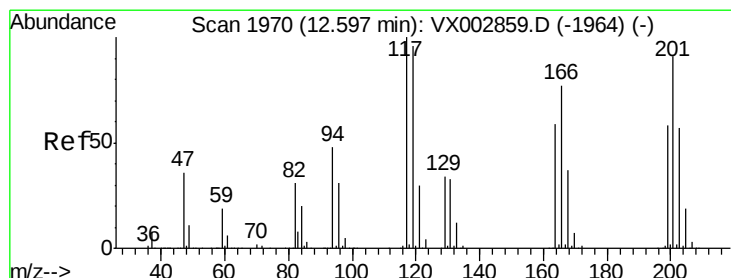
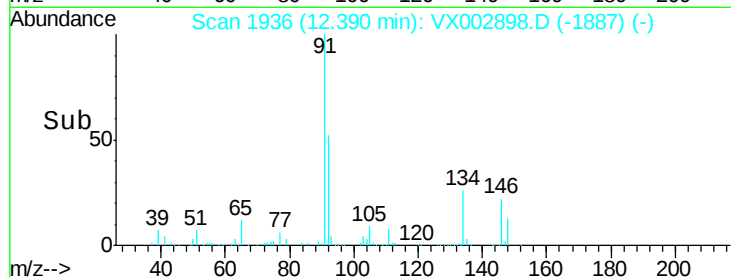
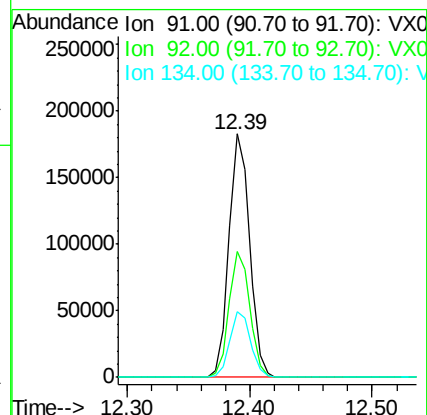
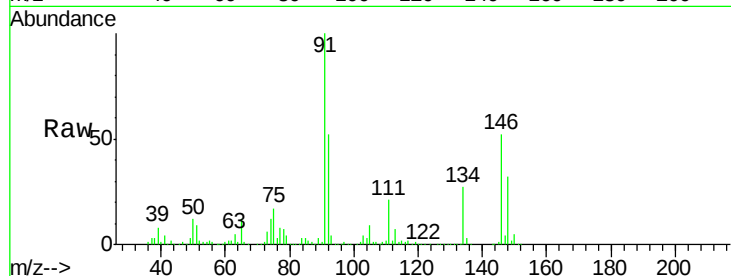
Tot Ion: 91 Resp: 214107

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 18.25 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002898.D

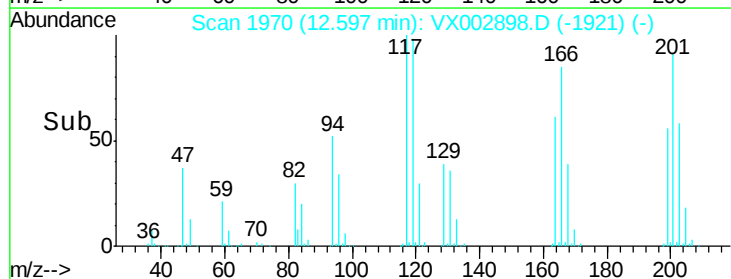
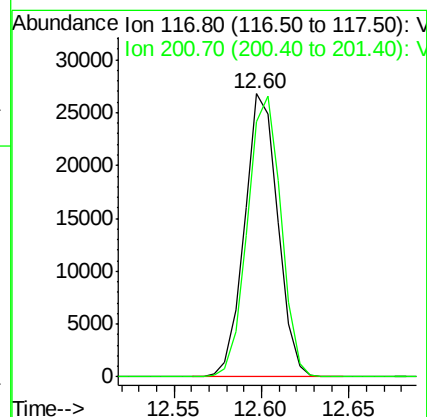
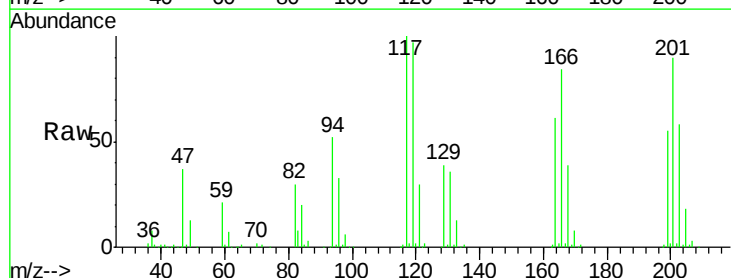
Acq: 26 Jun 2018 15:42

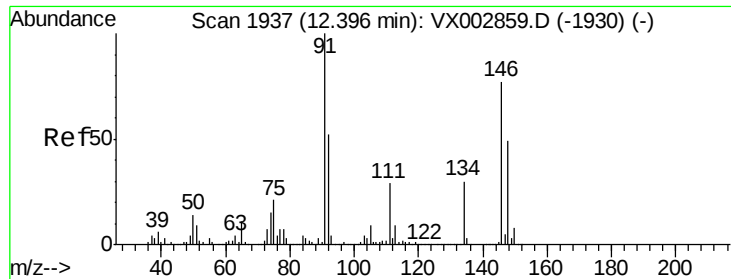
Tgt Ion: 117 Resp: 35335

Ion Ratio Lower Upper

117 100

201 99.8 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

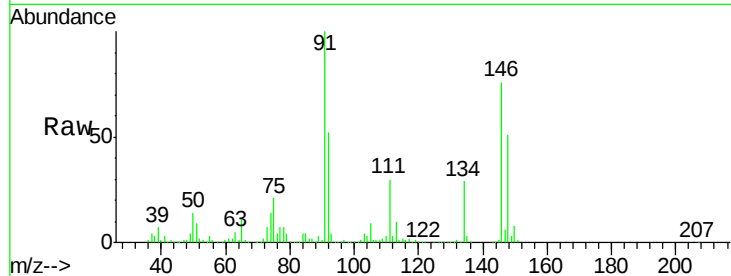
Tot Ion:146 Resp: 144111

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

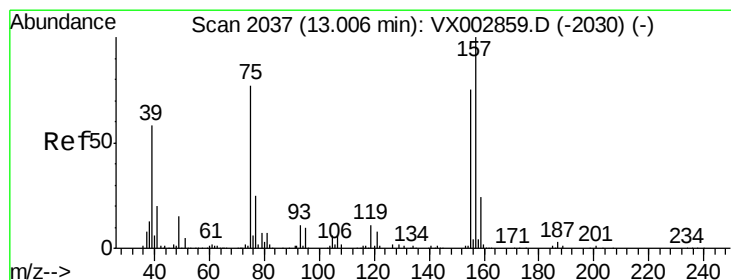
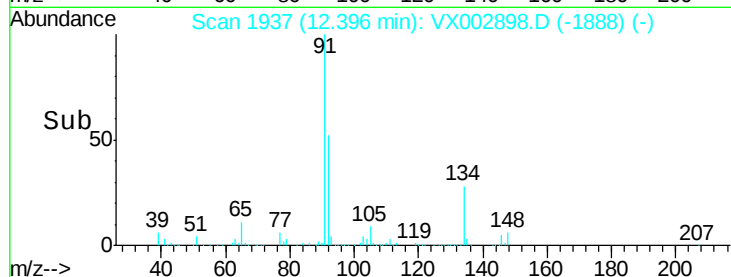
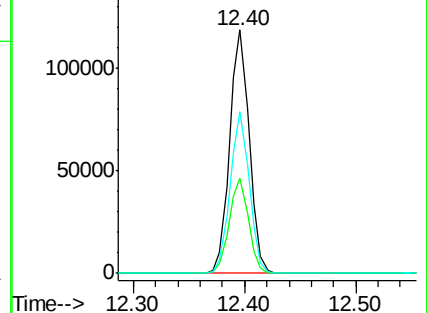
148 65.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.63 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002898.D

Acq: 26 Jun 2018 15:42

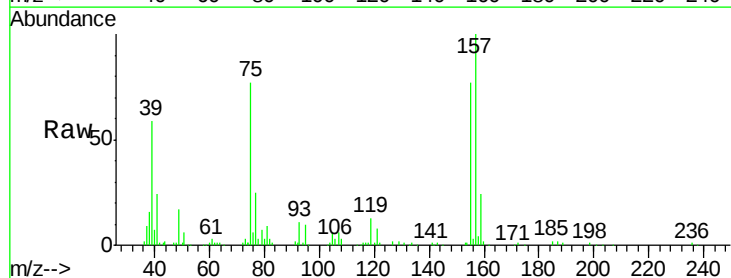
Tgt Ion: 75 Resp: 18551

Ion Ratio Lower Upper

75 100

155 92.8 45.8 137.4

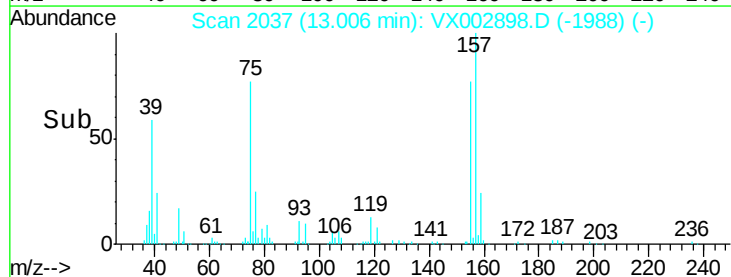
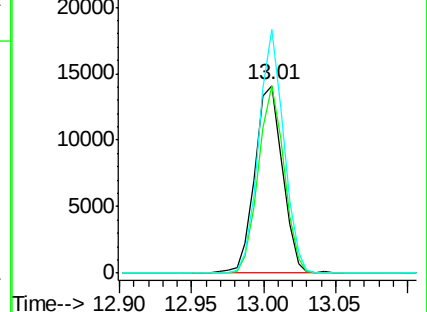
157 117.1 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

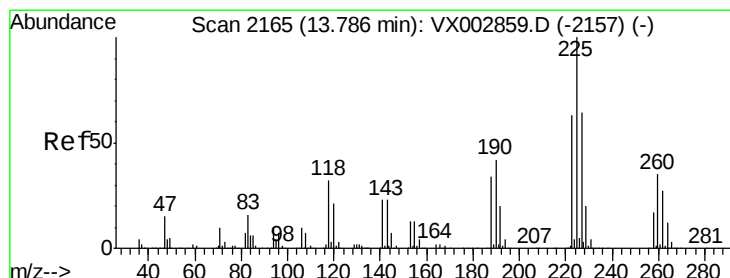
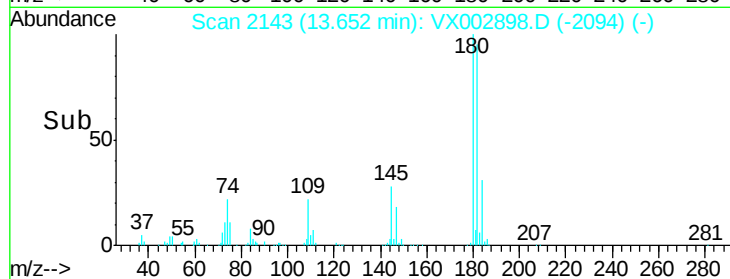
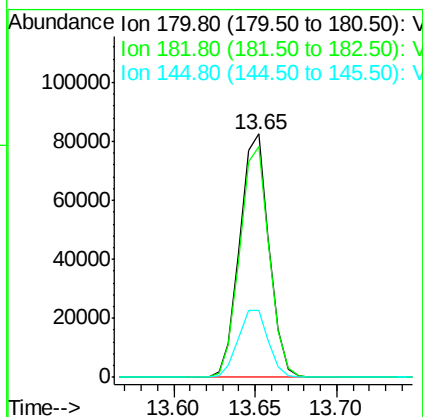
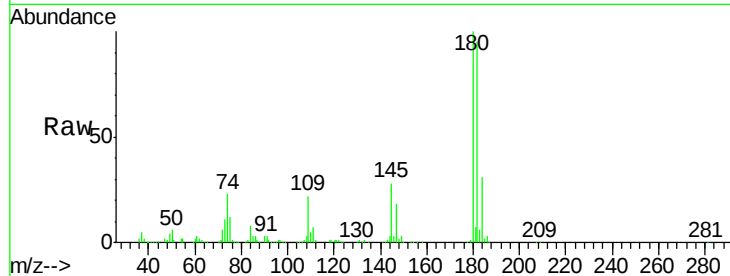




#93
 1,2,4-Trichlorobenzene
 Concen: 18.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

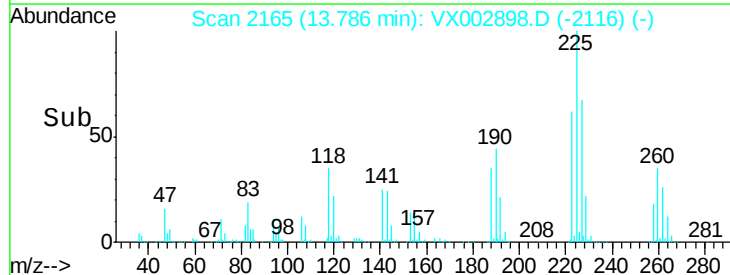
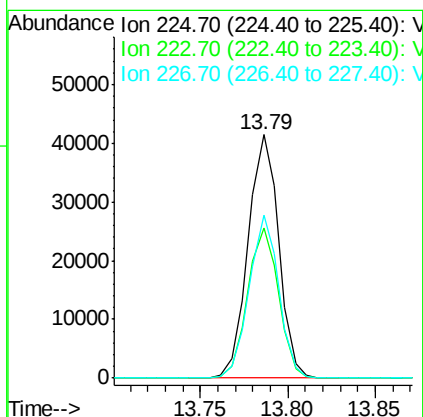
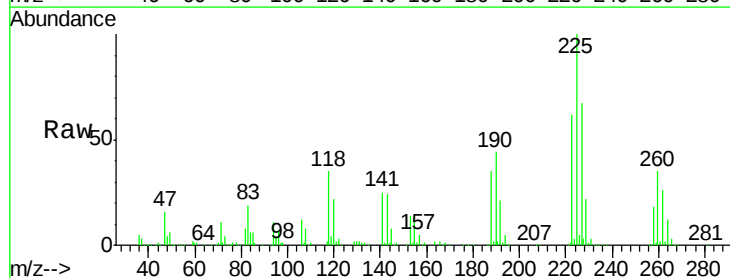
Instrument :
 MSVOA_X
 ClientSampleId :

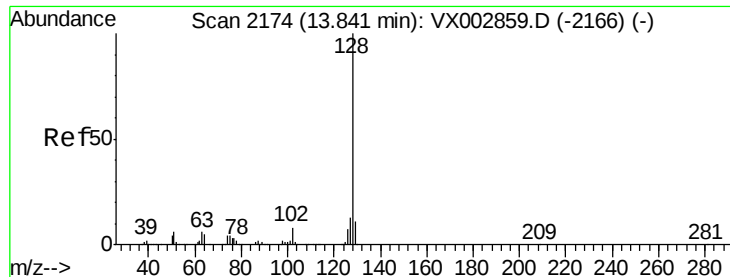
Tot Ion:180 Resp: 103410
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.35 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002898.D
 Acq: 26 Jun 2018 15:42

Tgt Ion:225 Resp: 50280
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.7 32.4 97.2

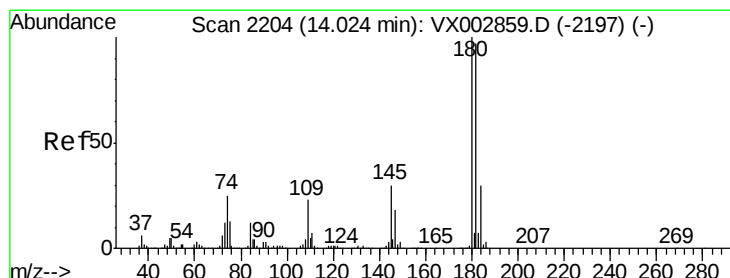
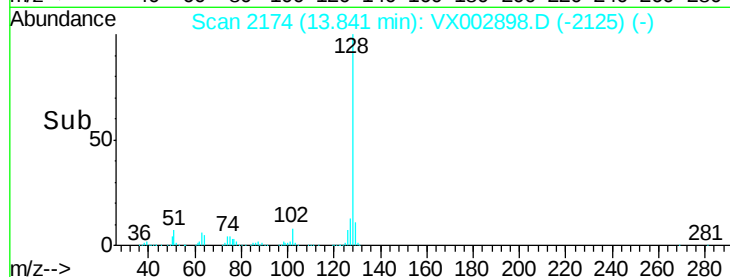
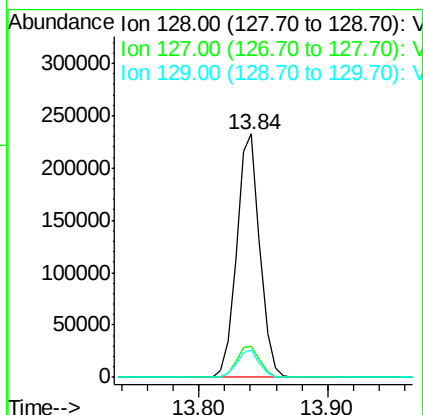
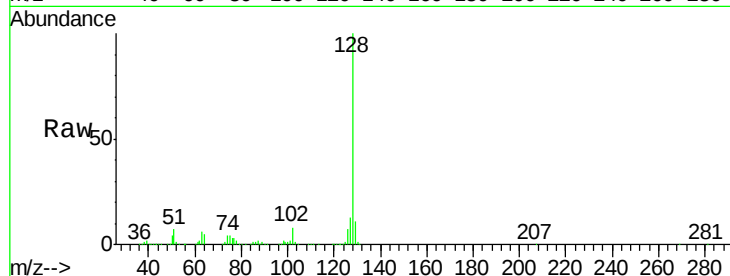




#95
Naphthalene
Concen: 19.73 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 288632
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.11 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002898.D
Acq: 26 Jun 2018 15:42

Tgt Ion:180 Resp: 104882
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.0
145 30.4 14.8 44.3

