

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002291.D
 Acq On : 05 Jun 2018 05:51
 Operator : JC/MD
 Sample : J3269-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:25:14 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130136	57.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.68%	
35) Dibromofluoromethane	5.51	113	96514	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.72	98	356905	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.14	95	138007	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82694	50.09	ug/l	98
3) Chloromethane	1.32	50	111036	59.22	ug/l	100
4) Vinyl Chloride	1.41	62	166469	80.00	ug/l	100
5) Bromomethane	1.64	94	66527	56.96	ug/l	98
6) Chloroethane	1.71	64	74736	55.52	ug/l	98
7) Trichlorofluoromethane	1.92	101	169073	53.33	ug/l	98
8) Diethyl Ether	2.19	74	75199	67.59	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90836	53.09	ug/l	99
10) Methyl Iodide	2.51	142	137823	57.27	ug/l	100
11) Tert butyl alcohol	3.09	59	160044	351.89	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87796	51.92	ug/l	99
13) Acrolein	2.30	56	86596	389.43	ug/l	98
14) Allyl chloride	2.73	41	191485	52.18	ug/l	99
15) Acrylonitrile	3.15	53	372468	390.78	ug/l	99
16) Acetone	2.45	43	348139	365.24	ug/l	100
17) Carbon Disulfide	2.56	76	200824	45.06	ug/l	98
18) Methyl Acetate	2.78	43	163577	73.14	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	394528	67.86	ug/l	98
20) Methylene Chloride	2.85	84	113832	64.17	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	97827	52.47	ug/l	96
22) Diisopropyl ether	3.87	45	362419	59.40	ug/l	95
23) Vinyl Acetate	3.83	43	1563127	262.78	ug/l	100
24) 1,1-Dichloroethane	3.70	63	187107	51.59	ug/l	100
25) 2-Butanone	4.71	43	488389	313.61	ug/l	100
26) 2,2-Dichloropropane	4.59	77	98781	34.84	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	142179	70.12	ug/l	91
28) Bromochloromethane	5.02	49	96431	63.48	ug/l	98
29) Tetrahydrofuran	5.17	42	320073	318.78	ug/l	99
30) Chloroform	5.22	83	188254	53.79	ug/l	94
31) Cyclohexane	5.58	56	143438	50.02	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	153560	51.74	ug/l	100
36) 1,1-Dichloropropene	5.80	75	122635	45.75	ug/l	99
37) Ethyl Acetate	4.87	43	180029	55.85	ug/l	99
38) Carbon Tetrachloride	5.79	117	129346	46.13	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141664	42.82	ug/l	97
40) Benzene	6.15	78	408821	49.74	ug/l	99
41) Methacrylonitrile	5.07	41	106724	57.84	ug/l	99
42) 1,2-Dichloroethane	6.20	62	172574	52.85	ug/l	99
43) Isopropyl Acetate	6.47	43	293092	53.53	ug/l	100
44) Trichloroethene	7.21	130	109187	47.87	ug/l	98
45) 1,2-Dichloropropane	7.52	63	111068	50.06	ug/l	96
46) Dibromomethane	7.67	93	78326	52.08	ug/l	100
47) Bromodichloromethane	7.90	83	135962	49.98	ug/l	100
48) Methyl methacrylate	7.78	41	155527	56.55	ug/l	99
49) 1,4-Dioxane	7.76	88	62501	1215.47	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1036154	303.90	ug/l	99
52) Toluene	8.79	92	259812	49.71	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	155143	47.56	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	143967	46.78	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	115855	53.89	ug/l	99
56) Ethyl methacrylate	9.18	69	186378	54.30	ug/l	100
57) 1,3-Dichloropropane	9.38	76	192986	53.51	ug/l	99
59) 2-Hexanone	9.50	43	812883	308.67	ug/l	100
60) Dibromochloromethane	9.59	129	112046	51.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	124220	55.42	ug/l	100
64) Tetrachloroethene	9.34	164	112546	44.08	ug/l	98
65) Chlorobenzene	10.14	112	301853	49.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	112153	50.28	ug/l	99
67) Ethyl Benzene	10.26	91	505377	49.02	ug/l	98
68) m/p-Xylenes	10.37	106	388703	97.00	ug/l	99
69) o-Xylene	10.70	106	201582	50.55	ug/l	99
70) Stvrene	10.71	104	332700	51.03	ug/l	99
71) Bromoform	10.86	173	89220	45.03	ug/l	# 100
73) Isopropylbenzene	11.02	105	512126	49.25	ug/l	99
74) N-amyl acetate	6.47	43	293092	52.30	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191636	58.59	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	216750	66.08	ug/l	80
77) Bromobenzene	11.26	156	149848	51.33	ug/l	98
78) n-propylbenzene	11.37	91	568138	49.15	ug/l	100
79) 2-Chlorotoluene	11.43	91	357071	48.92	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	440196	49.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	43939	46.95	ug/l	93
82) 4-Chlorotoluene	11.51	91	411365	48.83	ug/l	99
83) tert-Butylbenzene	11.77	119	431285	49.65	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	459717	50.07	ug/l	100
85) sec-Butylbenzene	11.95	105	498595	48.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	448149	48.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	254018	48.66	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	262173	48.72	ug/l	98
89) n-Butylbenzene	12.39	91	354894	45.62	ug/l	100
90) Hexachloroethane	12.60	117	67828	45.81	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	275751	51.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43695	61.09	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	171792	45.36	ug/l	100

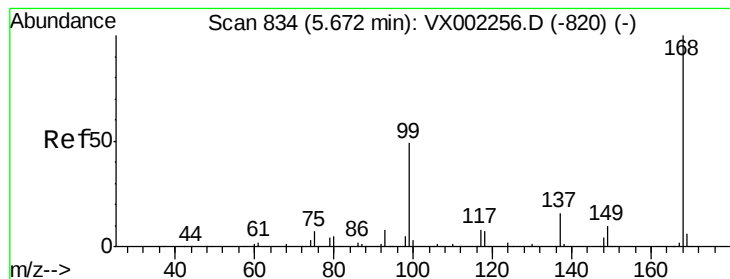
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	76982	41.14	ug/l	99
95) Naphthalene	13.84	128	616245	56.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189474	49.06	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. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

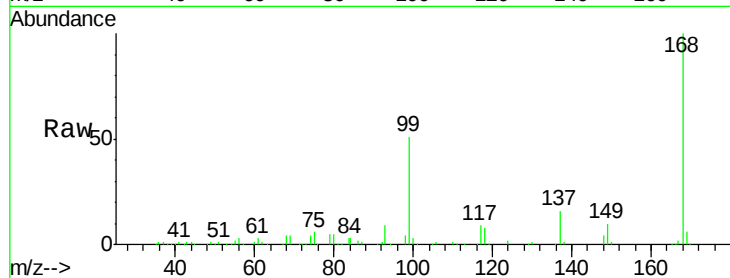
ClientSampleId :

Tot Ion:168 Resp: 158828

Ion Ratio Lower Upper

168 100

99 50.8 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

60000

50000

40000

30000

20000

10000

0

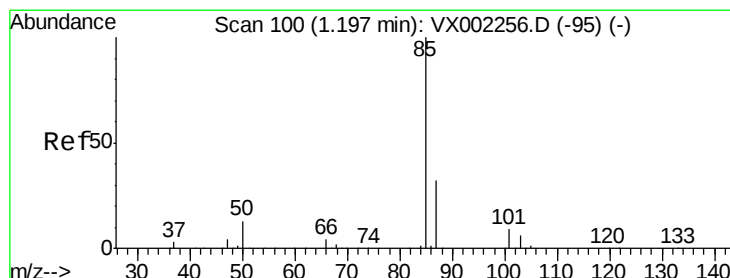
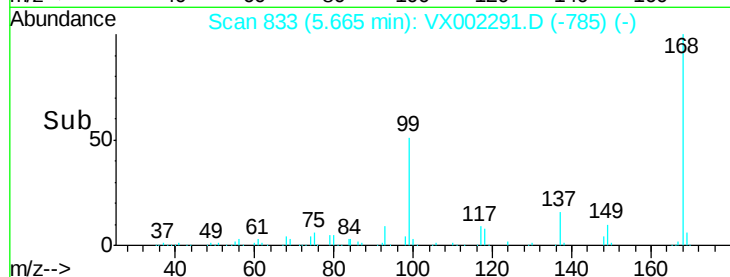
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002291.D

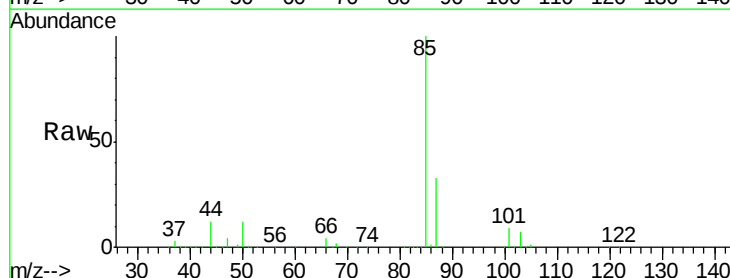
Acq: 05 Jun 2018 05:51

Tgt Ion: 85 Resp: 82694

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

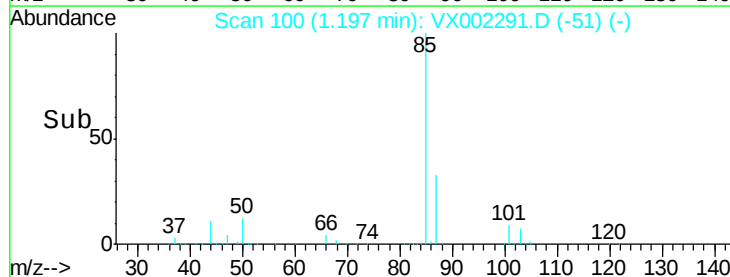
Time-->

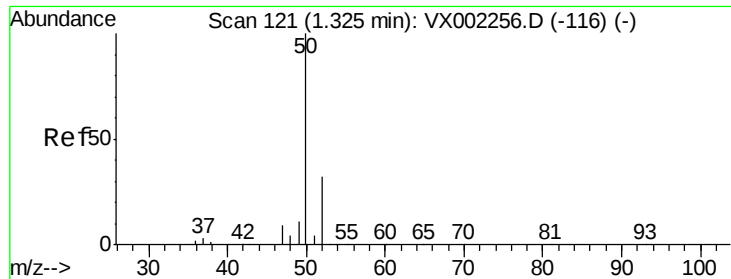
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 59.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

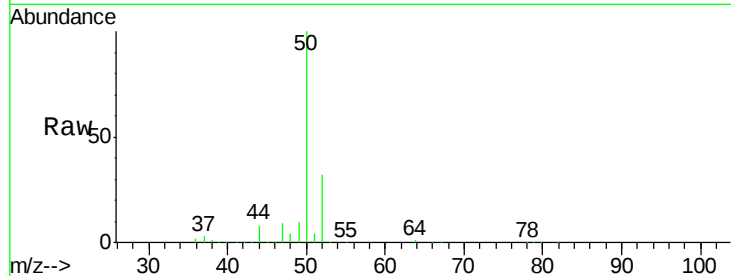
ClientSampleId :

Tot Ion: 50 Resp: 111036

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

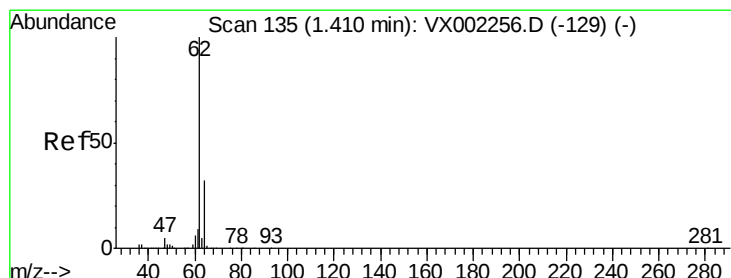
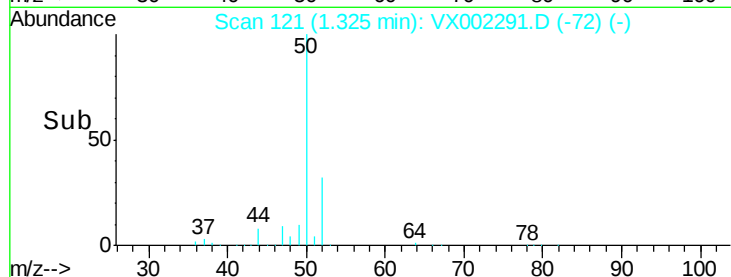
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 80.00 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002291.D

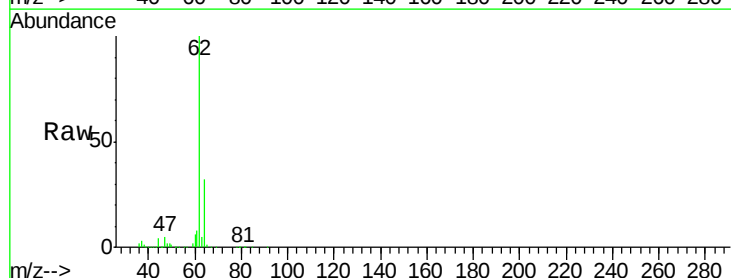
Acq: 05 Jun 2018 05:51

Tgt Ion: 62 Resp: 166469

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

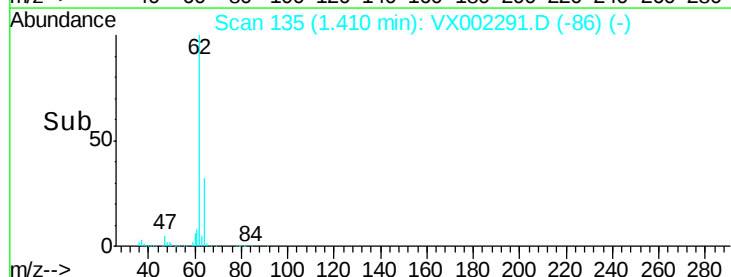
150000

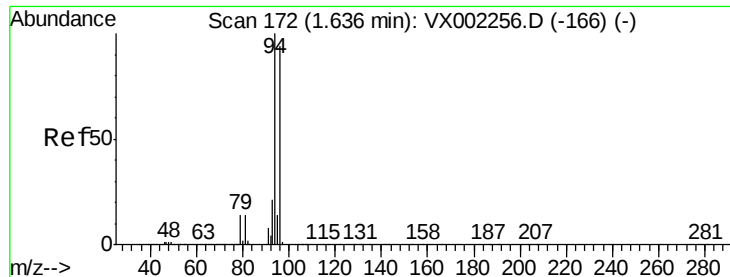
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 56.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

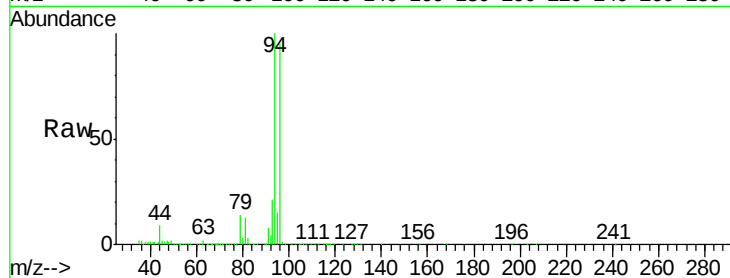
ClientSampleId :

Tot Ion: 94 Resp: 66527

Ion Ratio Lower Upper

94 100

96 95.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

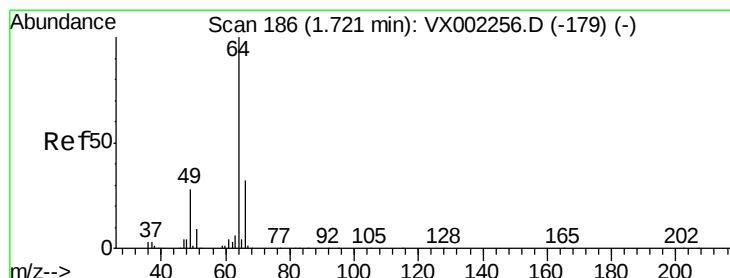
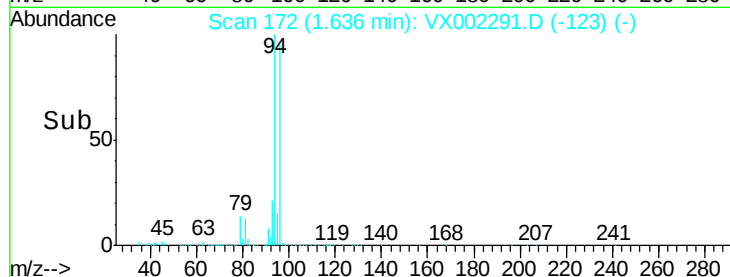
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 55.52 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002291.D

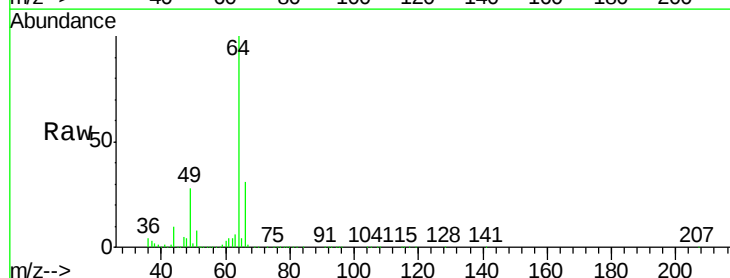
Acq: 05 Jun 2018 05:51

Tgt Ion: 64 Resp: 74736

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

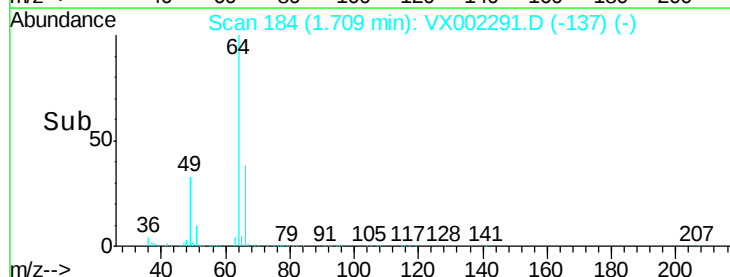
30000

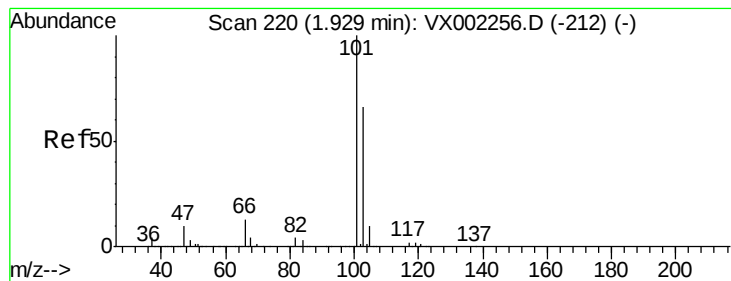
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



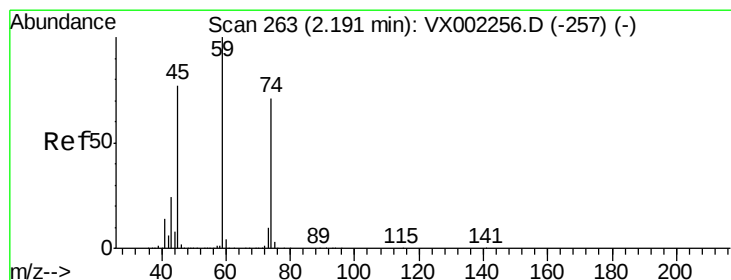
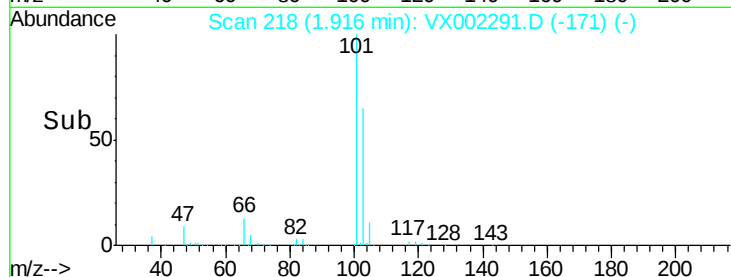
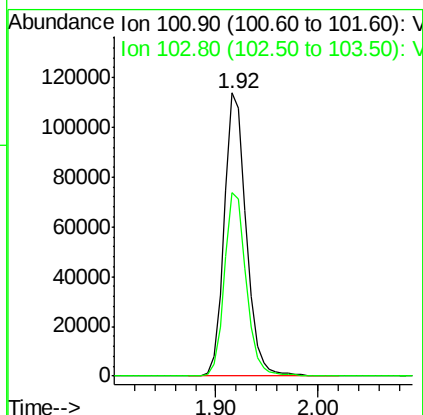
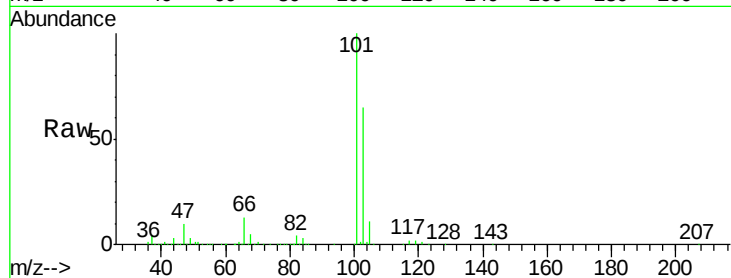


#7

Trichlorofluoromethane
 Concen: 53.33 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :

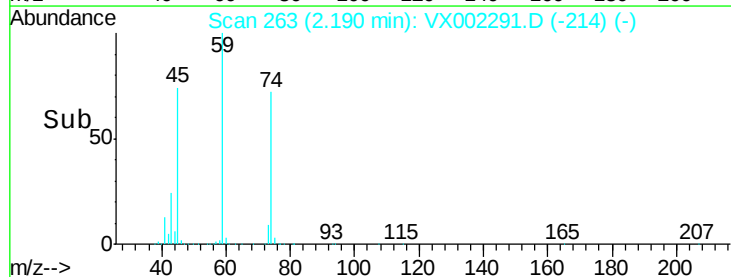
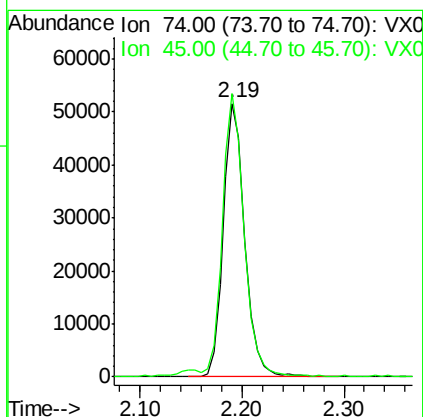
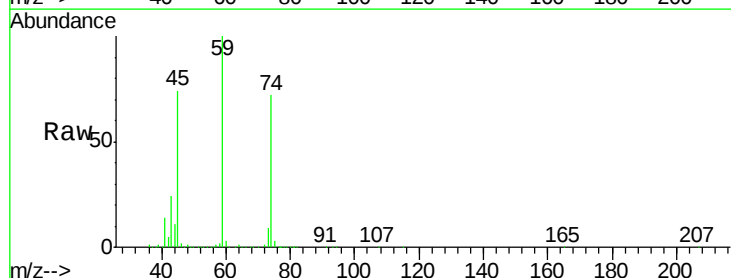
Tot Ion:101 Resp: 169073
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2

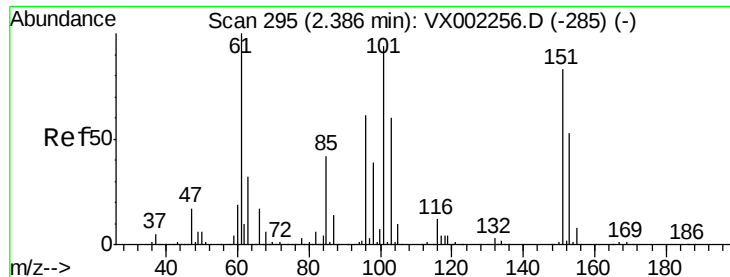


#8

Diethyl Ether
 Concen: 67.59 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Tgt Ion: 74 Resp: 75199
 Ion Ratio Lower Upper
 74 100
 45 106.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.09 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

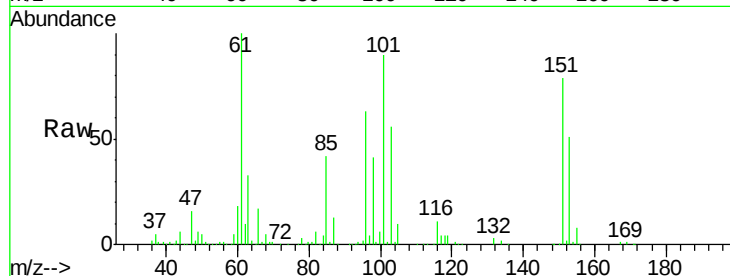
Tot Ion:101 Resp: 90836

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

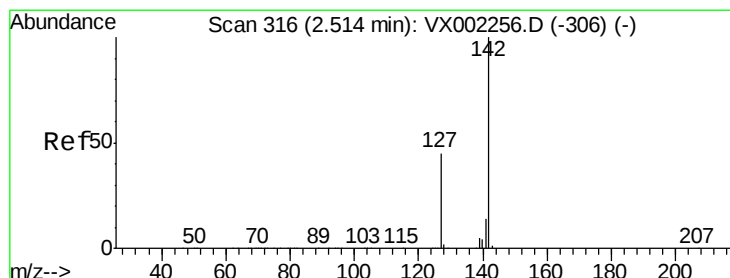
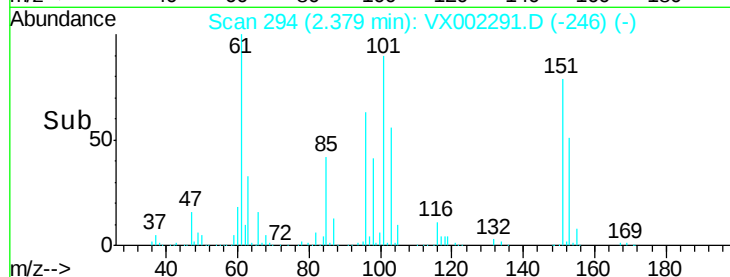
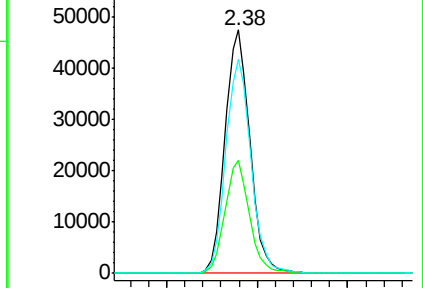
151 89.1 70.9 106.3



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: 57.27 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

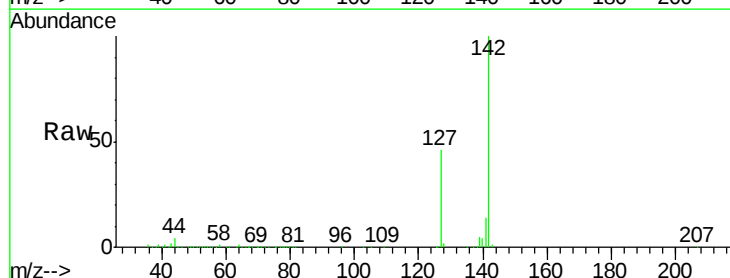
Tgt Ion:142 Resp: 137823

Ion Ratio Lower Upper

142 100

127 46.0 36.6 55.0

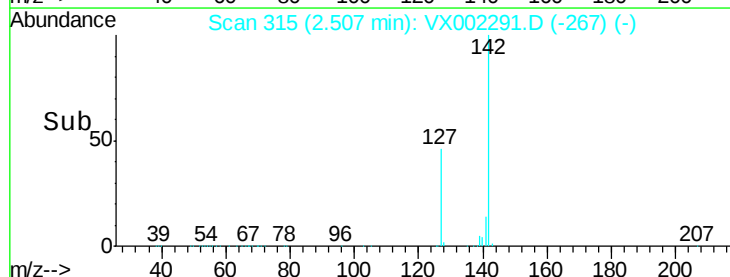
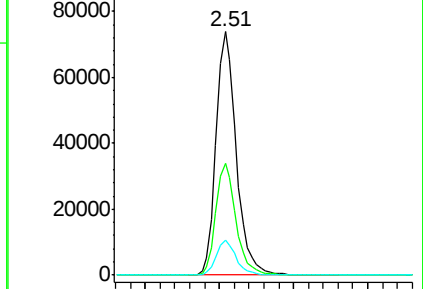
141 14.2 11.3 16.9

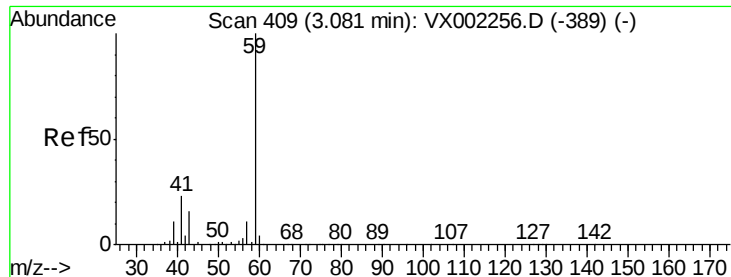


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



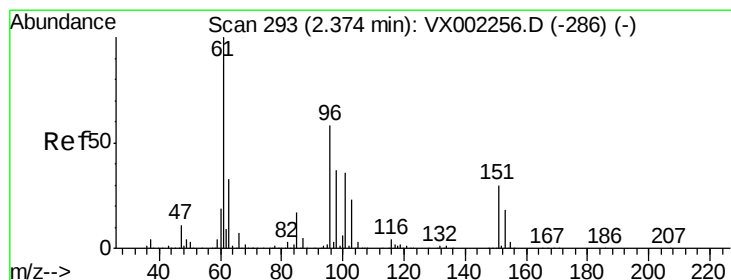
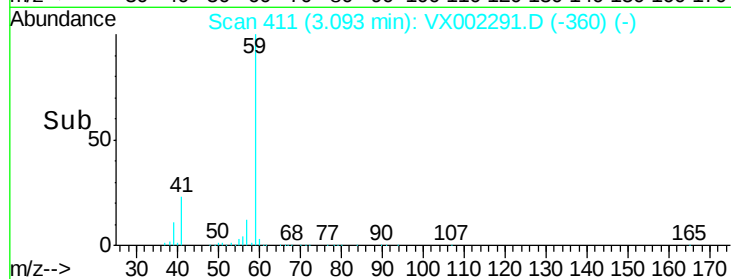
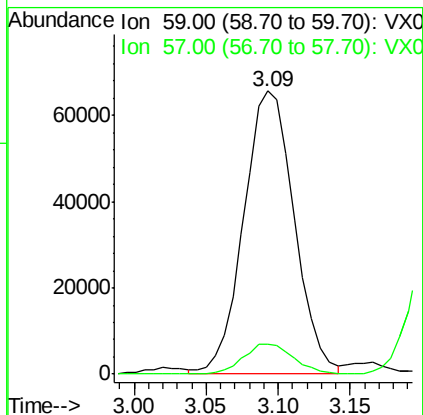
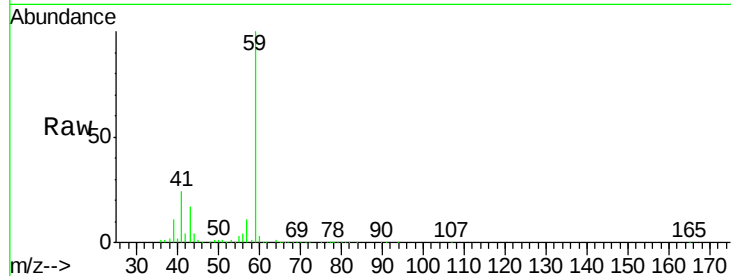


#11

Tert butyl alcohol
Concen: 351.89 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :

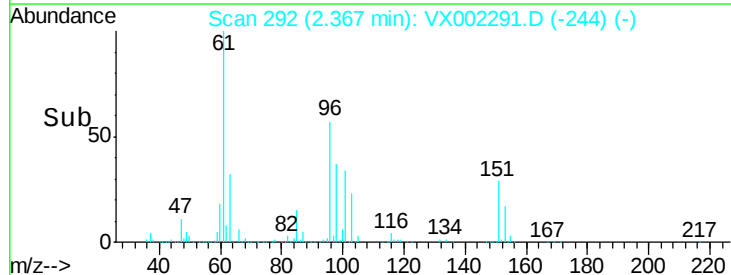
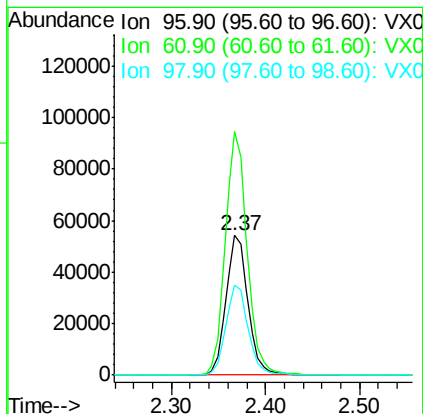
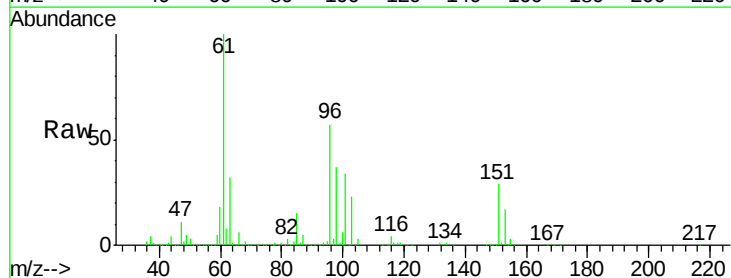
Tot Ion: 59 Resp: 160044
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

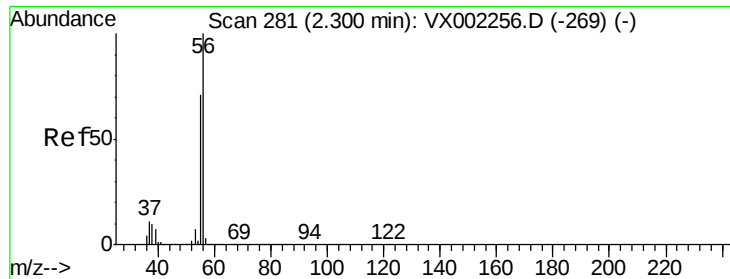


#12

1,1-Dichloroethene
Concen: 51.92 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion: 96 Resp: 87796
Ion Ratio Lower Upper
96 100
61 174.1 137.9 206.9
98 64.5 51.6 77.4





#13

Acrolein

Concen: 389.43 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

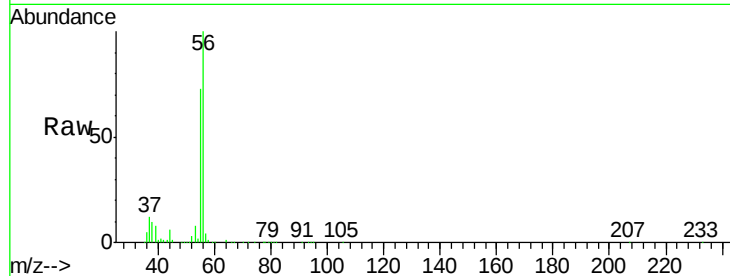
ClientSampled :

Tot Ion: 56 Resp: 86596

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4

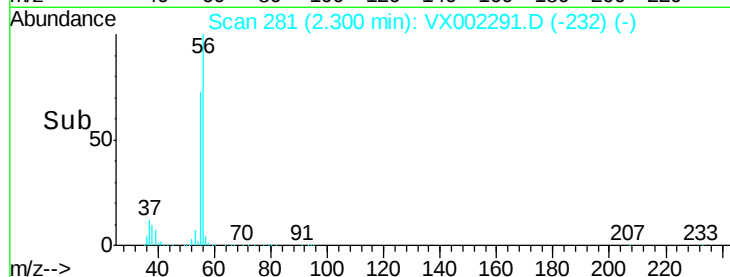


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

Time-->



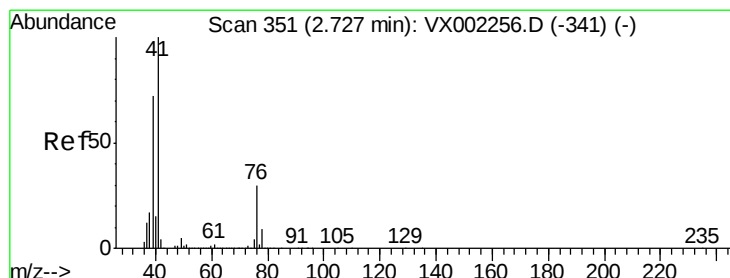
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

Time-->



#14

Allyl chloride

Concen: 52.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

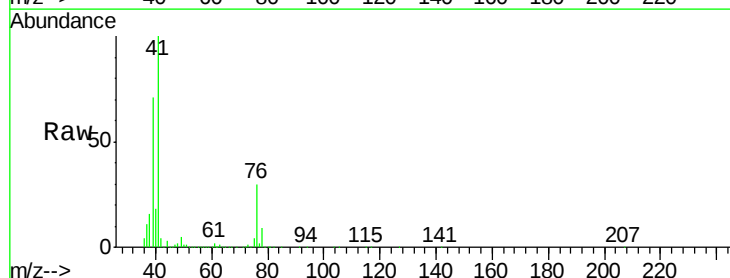
Tgt Ion: 41 Resp: 191485

Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

76 28.8 23.8 35.8



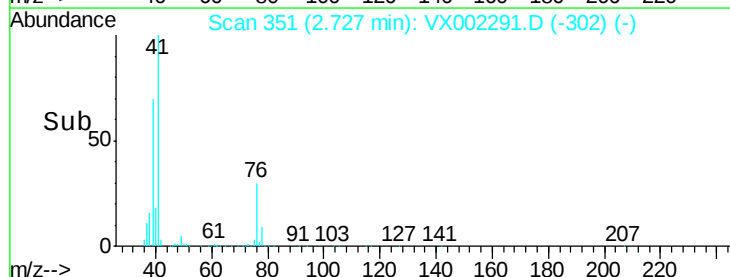
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



Abundance

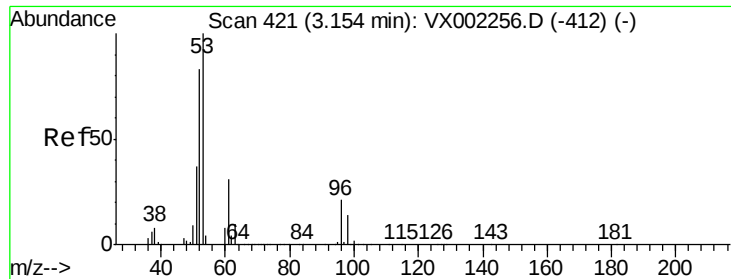
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



#15

Acrylonitrile

Concen: 390.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

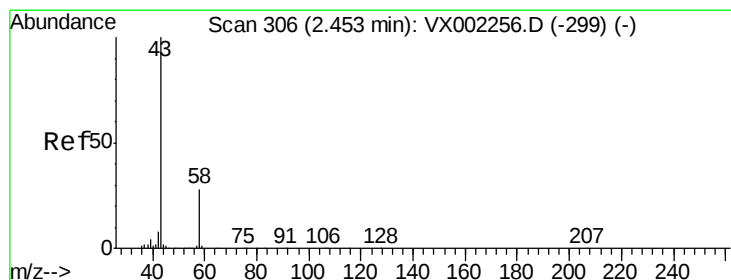
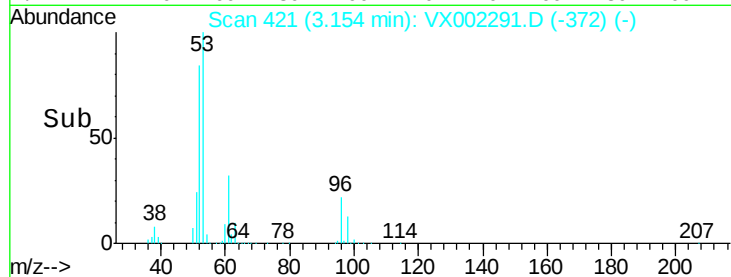
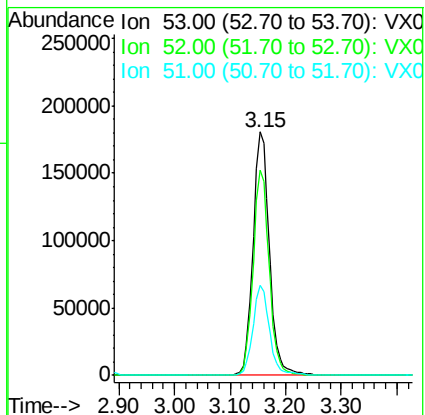
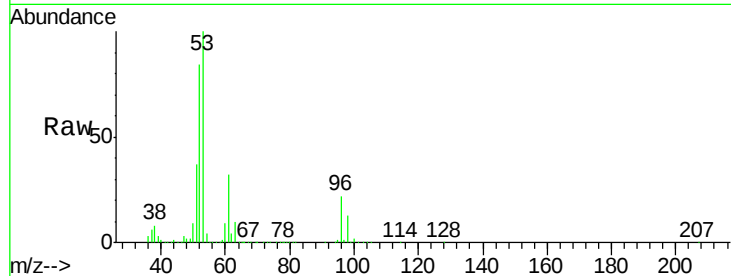
Tot Ion: 53 Resp: 372468

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 365.24 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002291.D

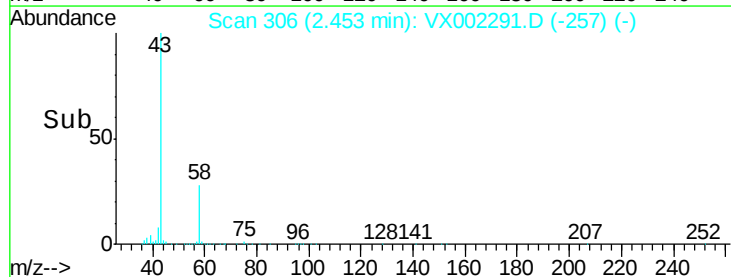
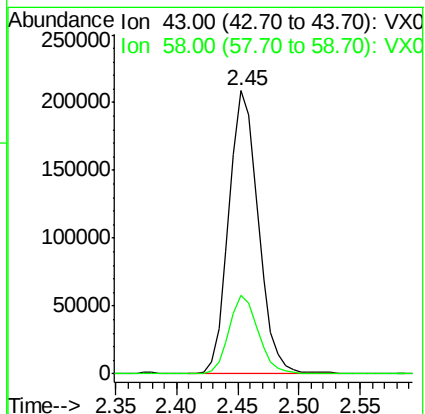
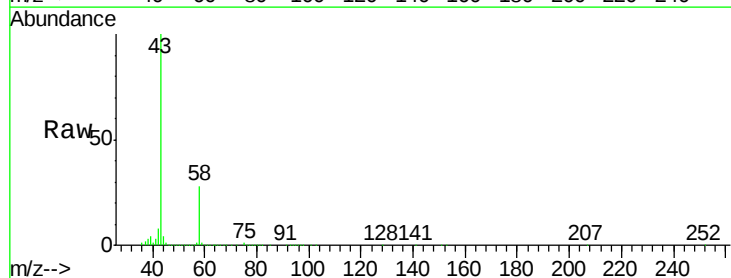
Acq: 05 Jun 2018 05:51

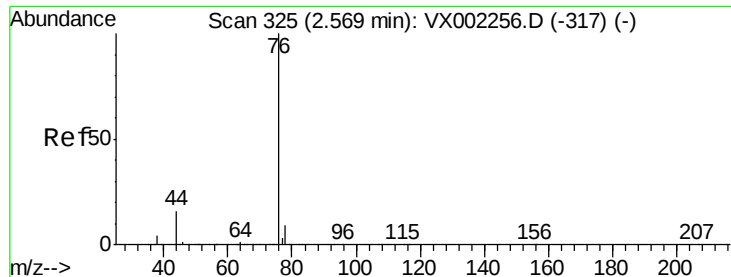
Tgt Ion: 43 Resp: 348139

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1

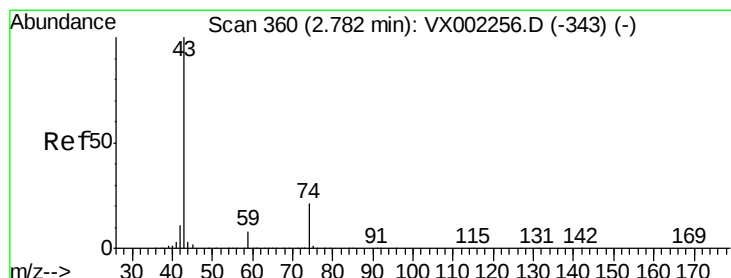
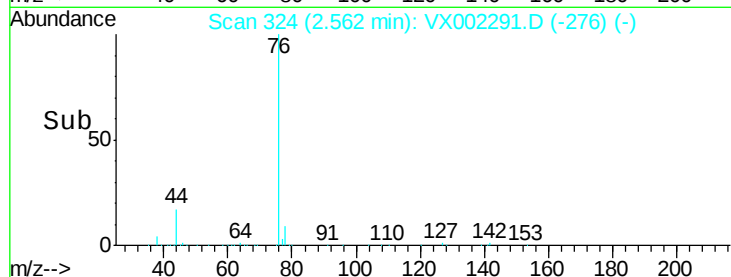
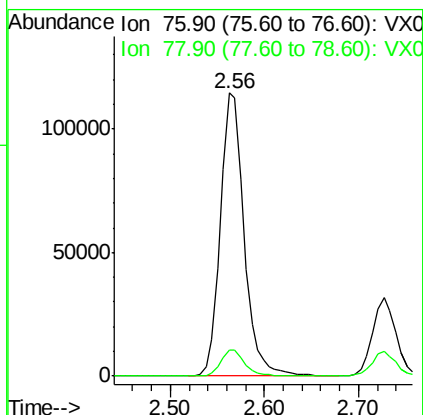
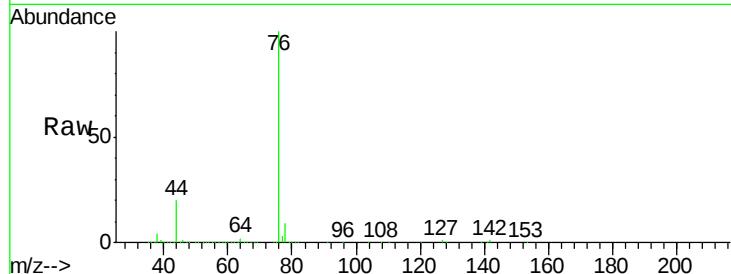




#17
Carbon Disulfide
Concen: 45.06 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

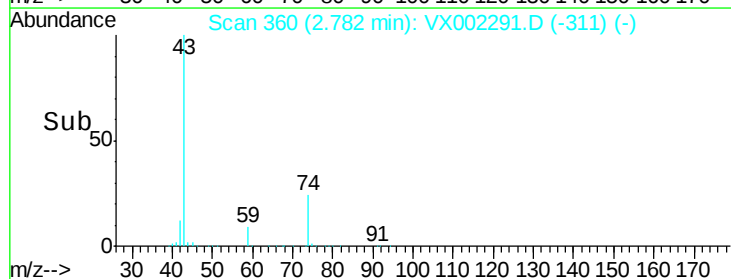
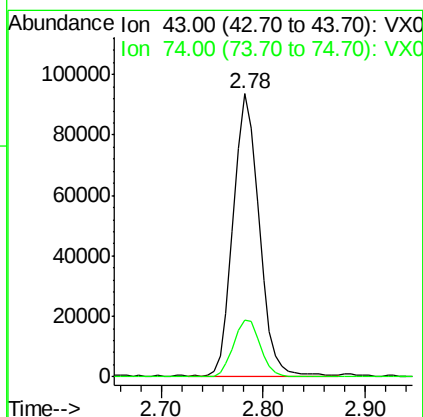
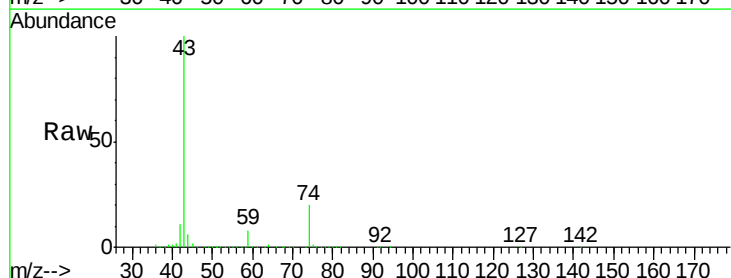
Instrument :
MSVOA_X
ClientSampled :

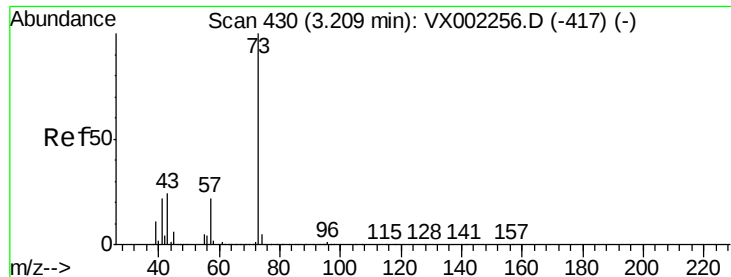
Tot Ion: 76 Resp: 200824
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 73.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion: 43 Resp: 163577
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1



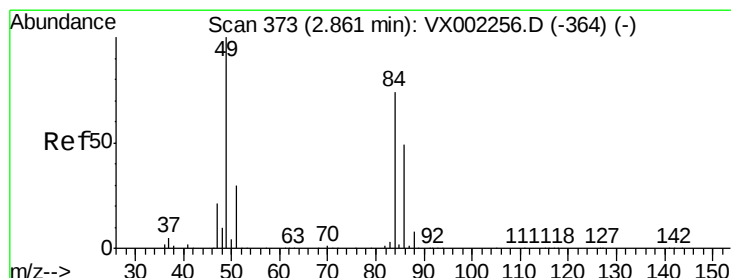
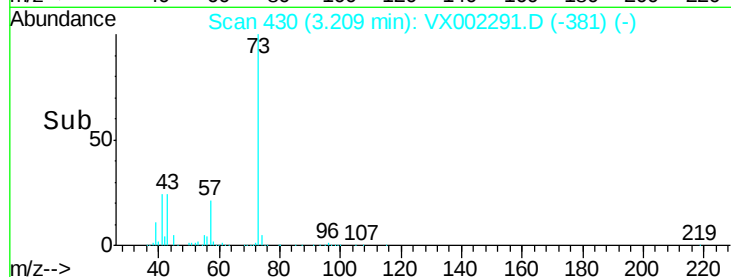
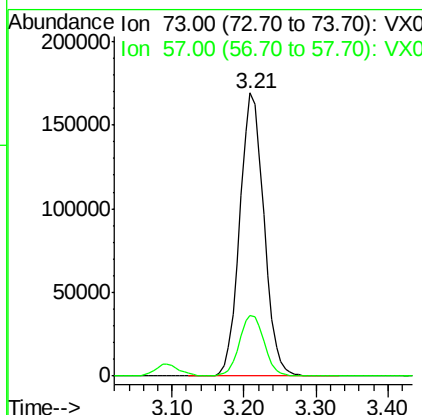
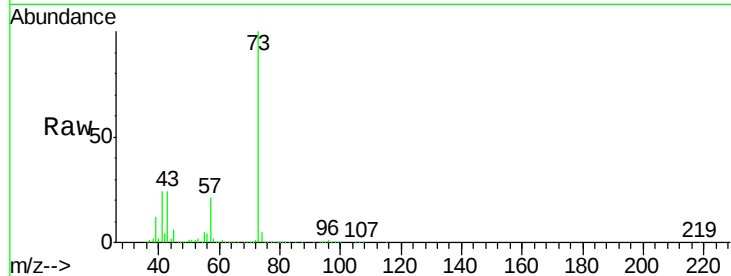


#19

Methyl tert-butyl Ether
 Concen: 67.86 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :

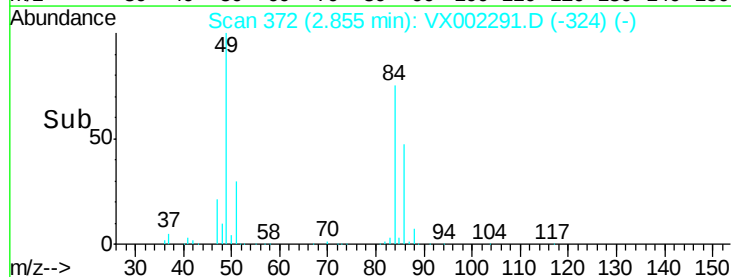
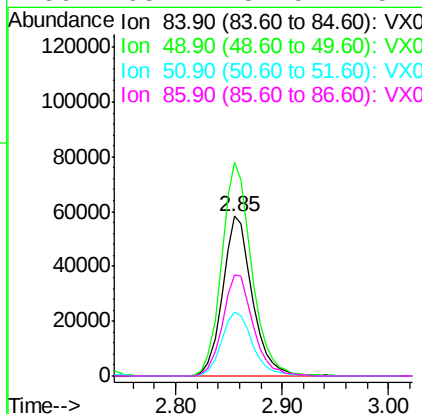
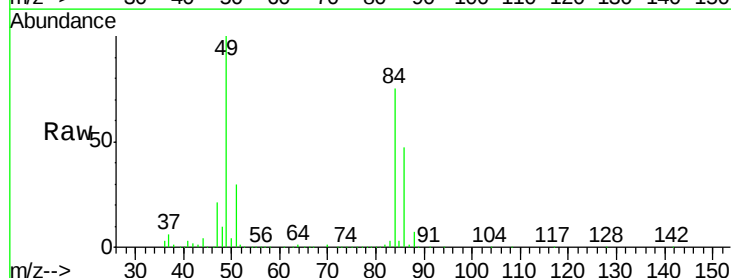
Tot Ion: 73 Resp: 394528
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.7 26.5

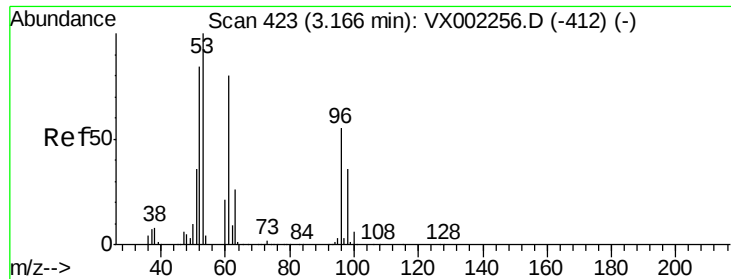


#20

Methylene Chloride
 Concen: 64.17 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Tgt Ion: 84 Resp: 113832
 Ion Ratio Lower Upper
 84 100
 49 133.6 107.8 161.6
 51 39.9 32.8 49.2
 86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 52.47 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

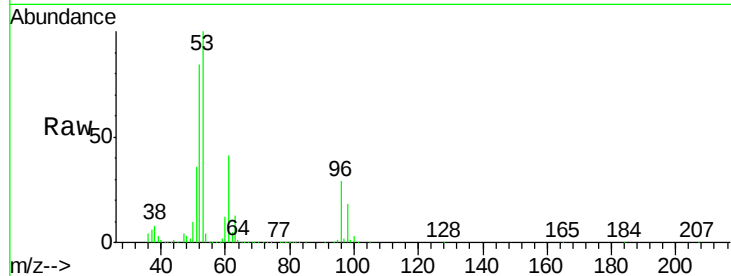
Tot Ion: 96 Resp: 97827

Ion Ratio Lower Upper

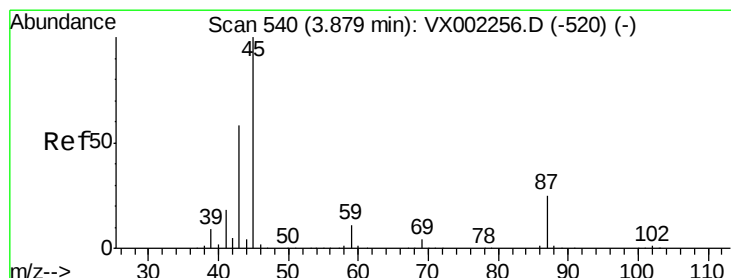
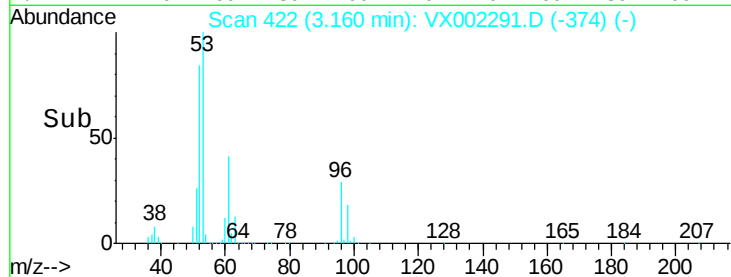
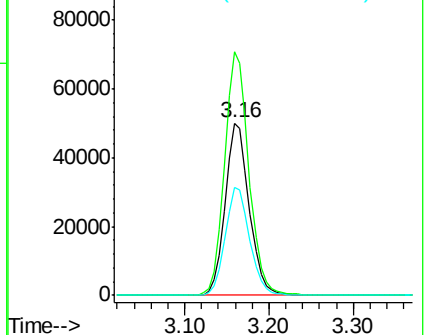
96 100

61 141.2 117.0 175.4

98 63.0 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: 59.40 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Tgt Ion: 45 Resp: 362419

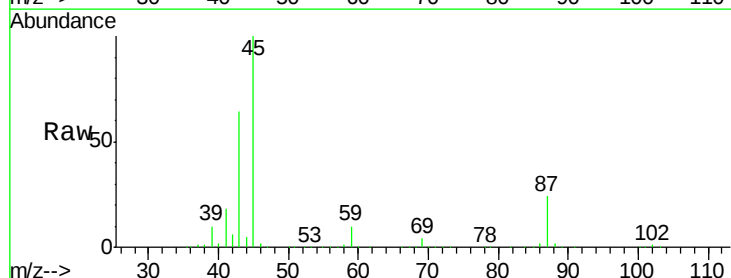
Ion Ratio Lower Upper

45 100

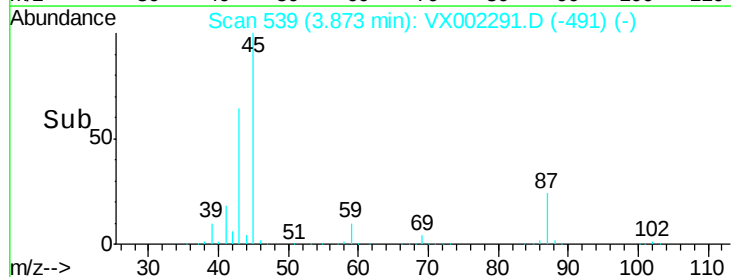
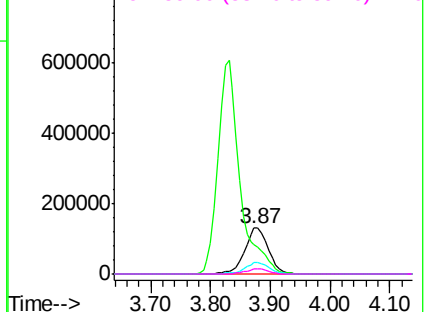
43 63.7 46.8 70.2

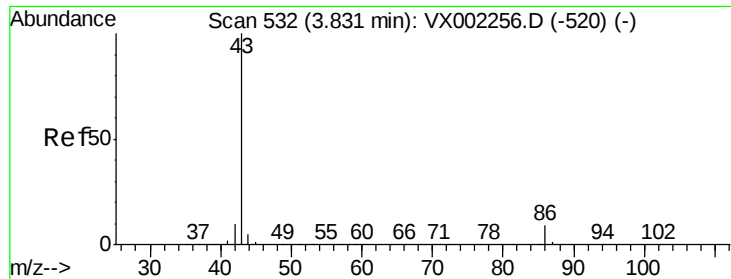
87 24.2 20.2 30.4

59 10.5 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: 262.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

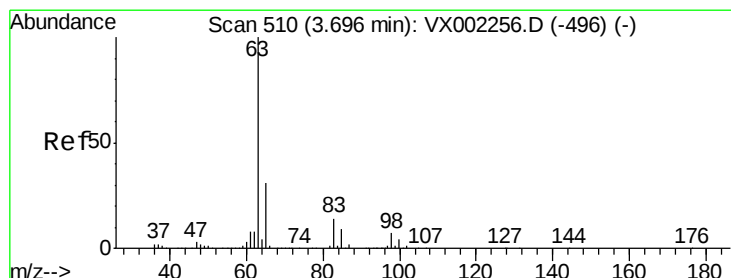
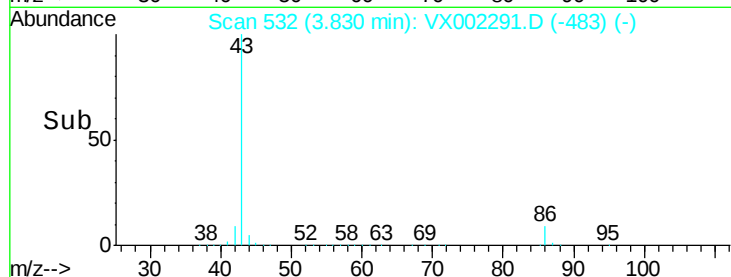
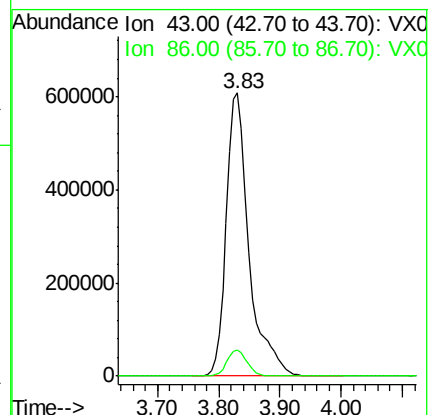
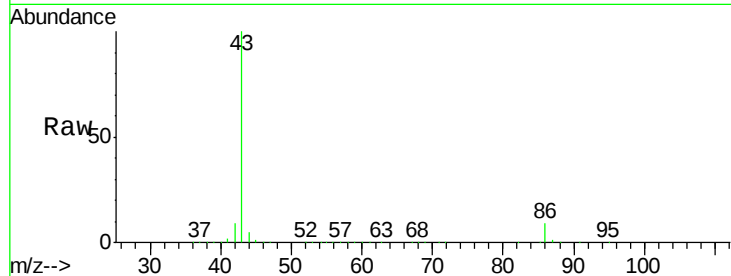
ClientSampleId :

Tot Ion: 43 Resp: 1563127

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



#24

1,1-Dichloroethane

Concen: 51.59 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

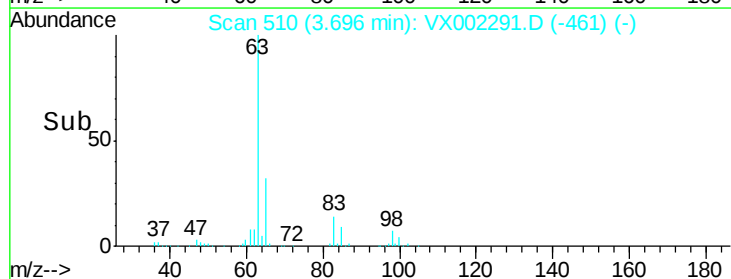
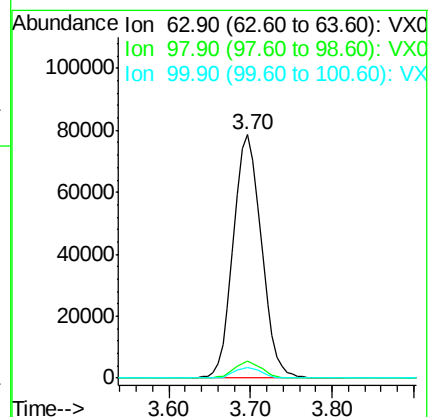
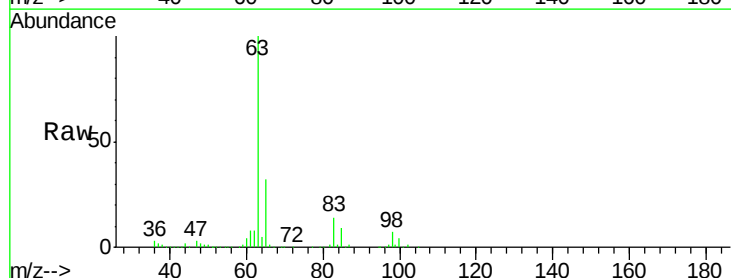
Tgt Ion: 63 Resp: 187107

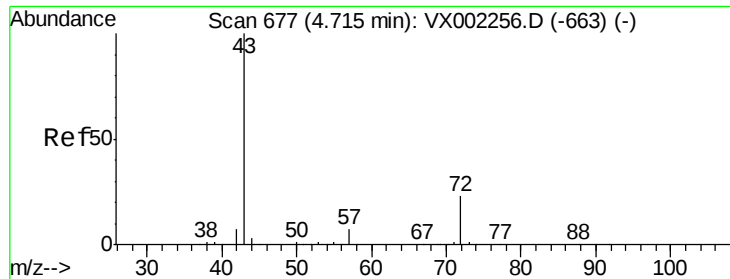
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 313.61 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

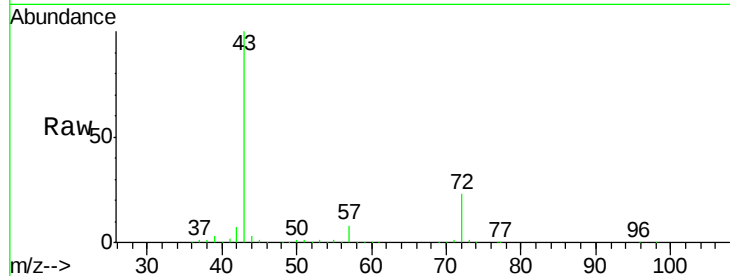
ClientSampleId :

Tot Ion: 43 Resp: 488389

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

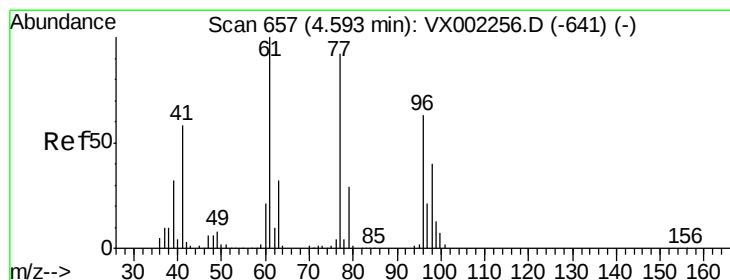
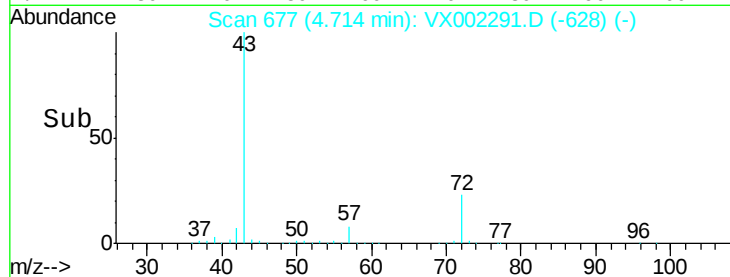
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.84 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002291.D

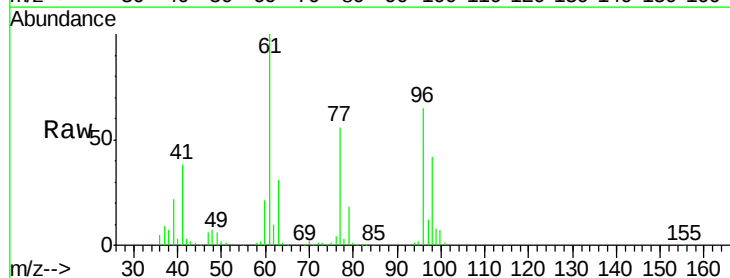
Acq: 05 Jun 2018 05:51

Tgt Ion: 77 Resp: 98781

Ion Ratio Lower Upper

77 100

97 25.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

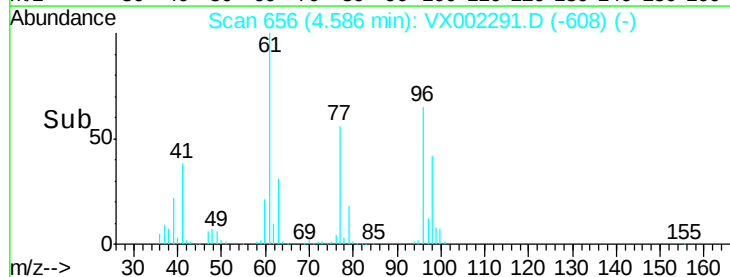
20000

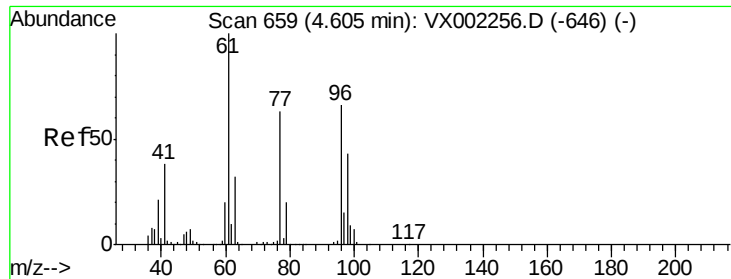
10000

0

4.40 4.50 4.60 4.70

Time-->



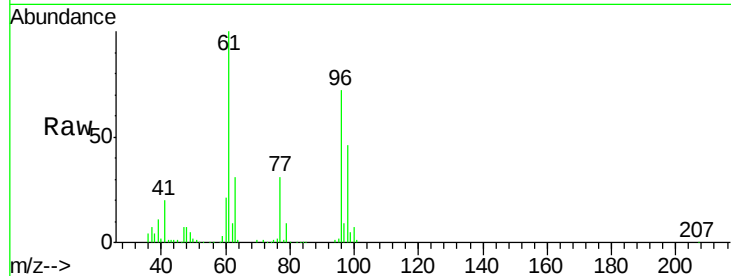


#27

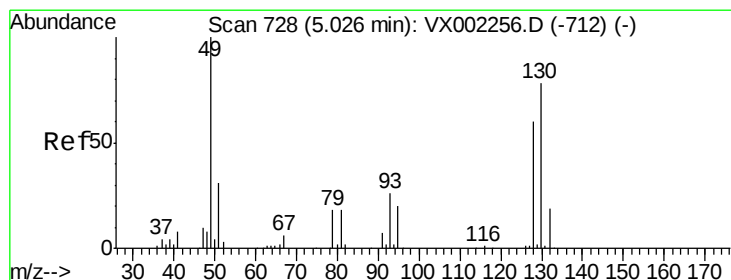
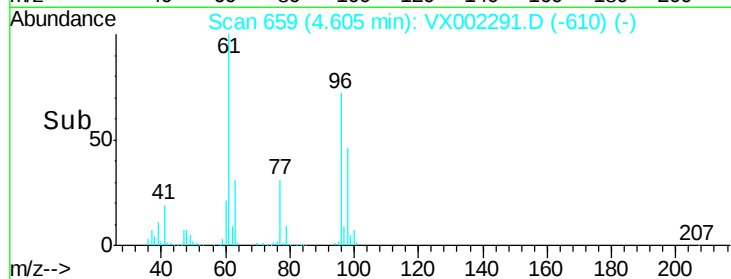
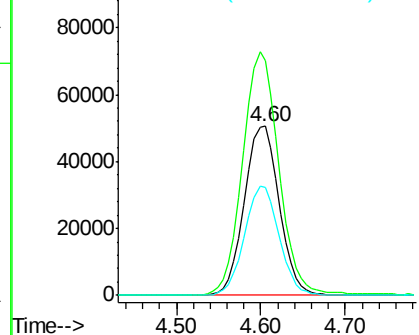
cis-1,2-Dichloroethene
 Concen: 70.12 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	142179
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	330.2
98	64.0	0.0	130.2



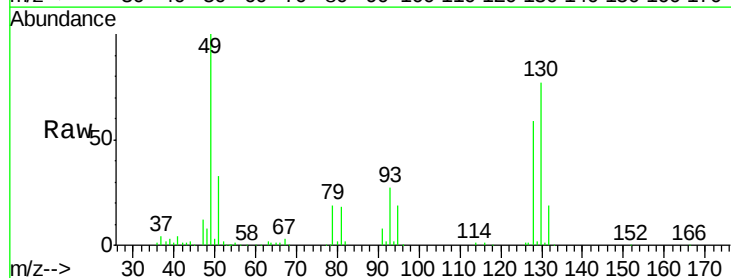
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



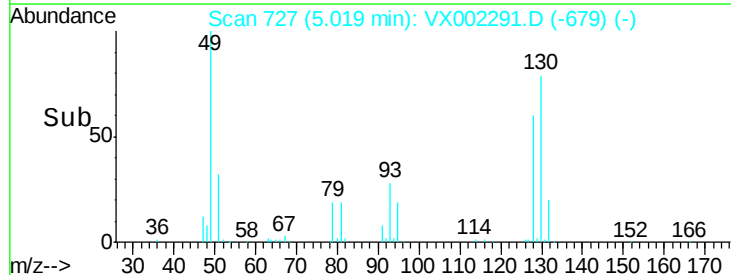
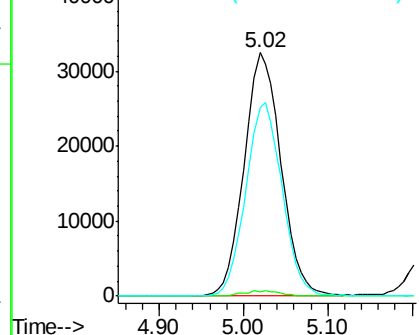
#28

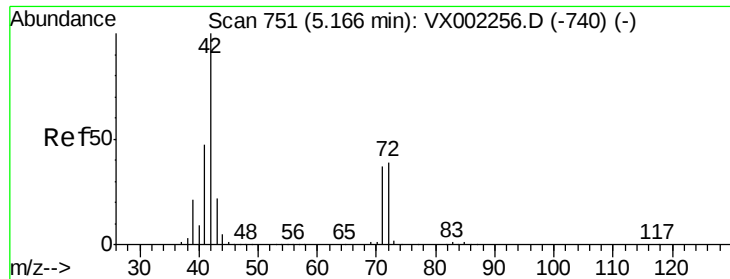
Bromochloromethane
 Concen: 63.48 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Tgt Ion	49	Resp	96431
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	78.3	61.2	91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

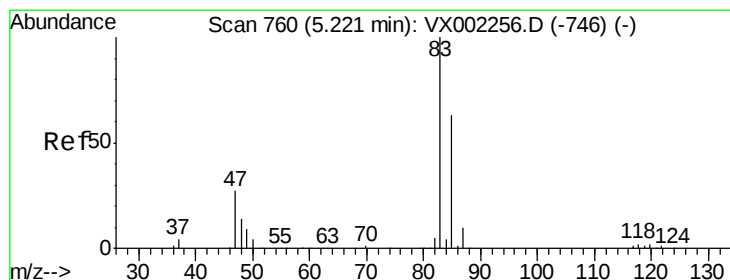
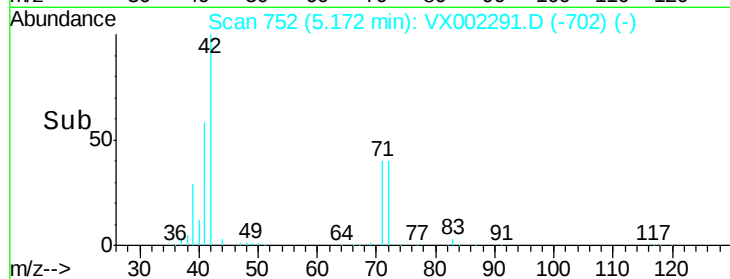
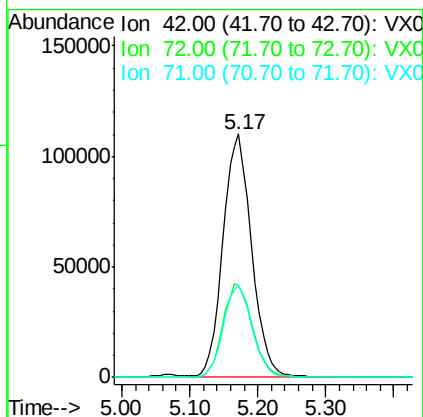
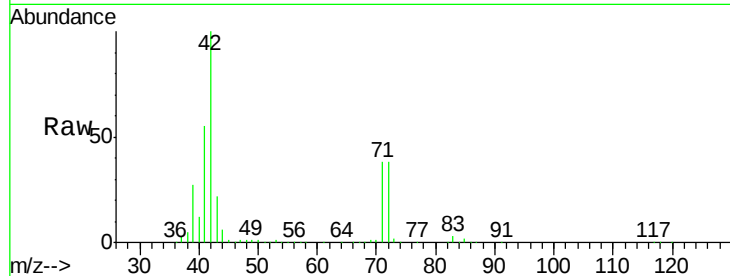




#29
Tetrahydrofuran
Concen: 318.78 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

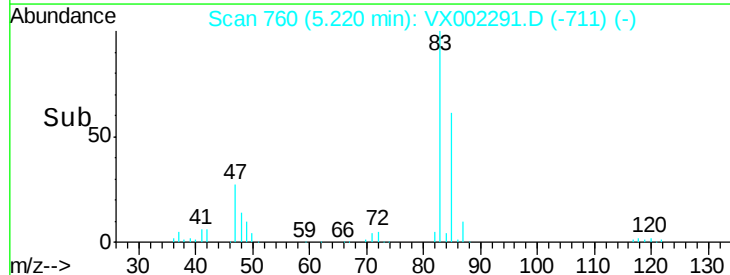
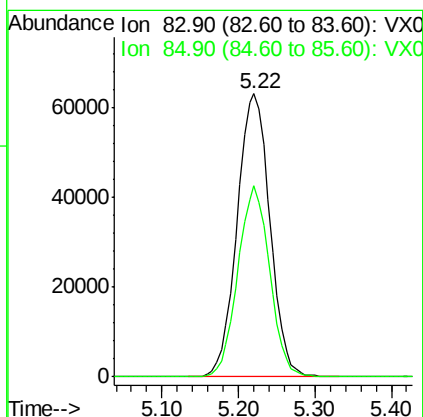
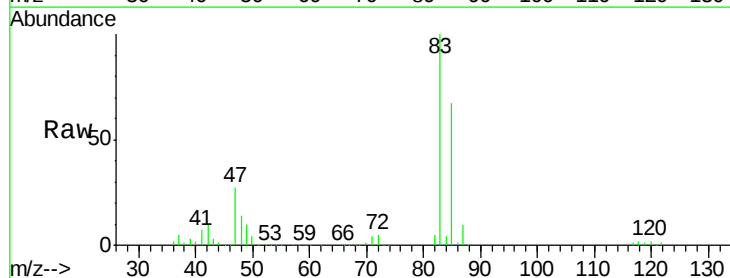
Instrument :
MSVOA_X
ClientSampleId :

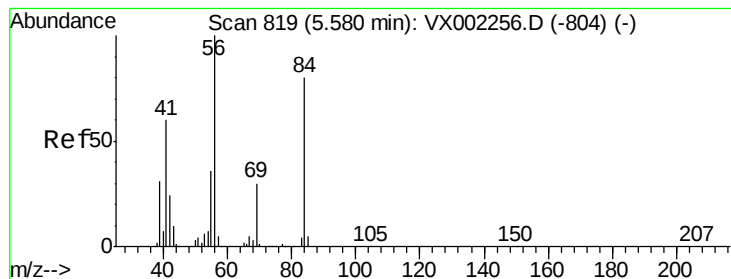
Tot Ion: 42 Resp: 320073
Ion Ratio Lower Upper
42 100
72 40.1 32.0 48.0
71 38.2 30.1 45.1



#30
Chloroform
Concen: 53.79 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion: 83 Resp: 188254
Ion Ratio Lower Upper
83 100
85 67.4 50.4 75.6





#31

Cyclohexane

Concen: 50.02 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :
MSVOA_X
ClientSampled :

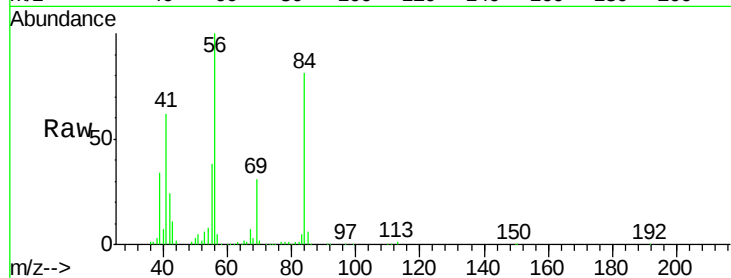
Tot Ion: 56 Resp: 143438

Ion Ratio Lower Upper

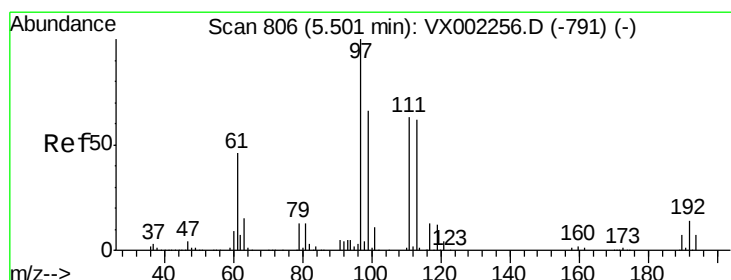
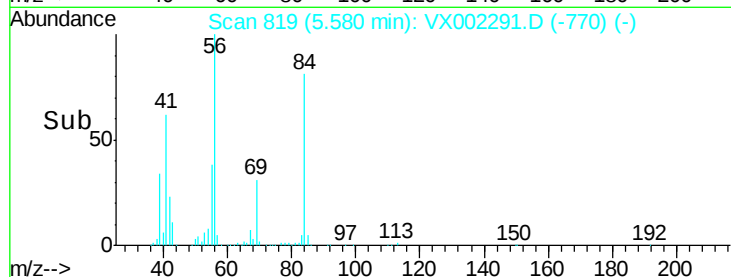
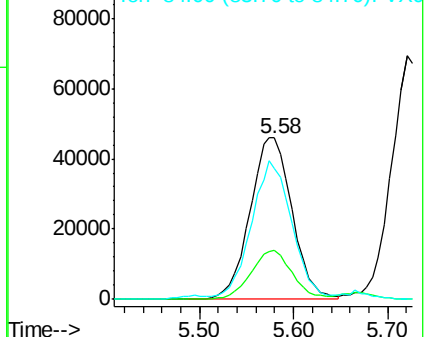
56 100

69 30.7 23.7 35.5

84 78.8 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: 51.74 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

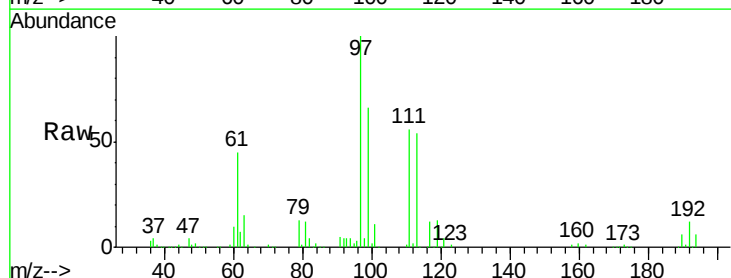
Tgt Ion: 97 Resp: 153560

Ion Ratio Lower Upper

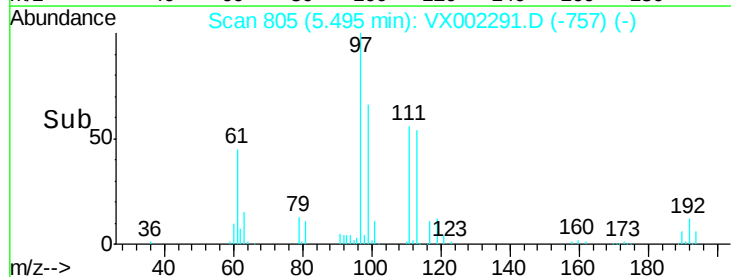
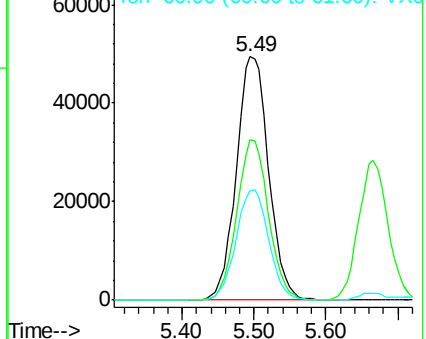
97 100

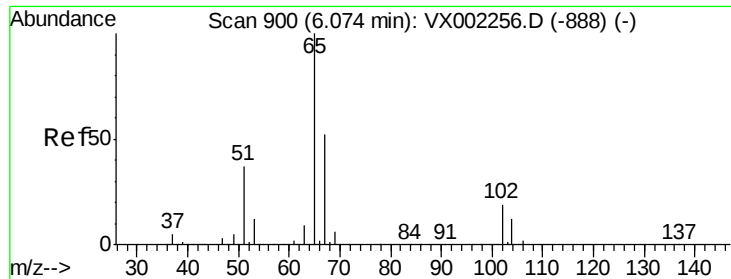
99 64.6 51.6 77.4

61 46.1 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: 57.84 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

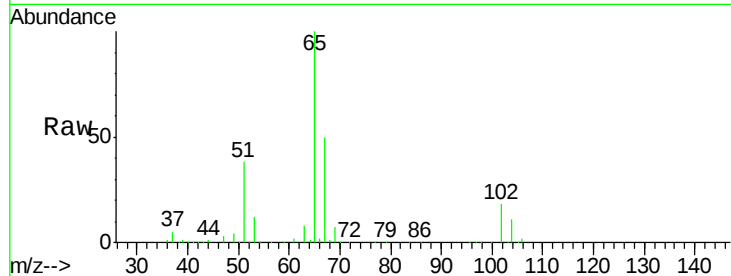
ClientSampled :

Tot Ion: 65 Resp: 130136

Ion Ratio Lower Upper

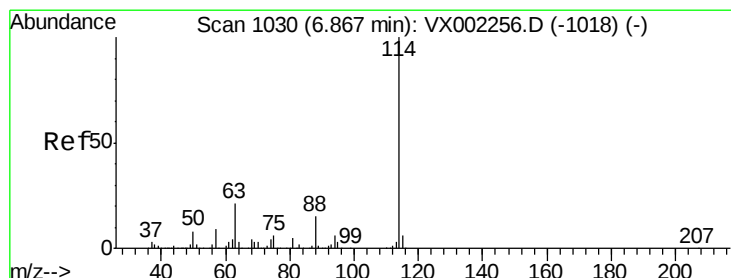
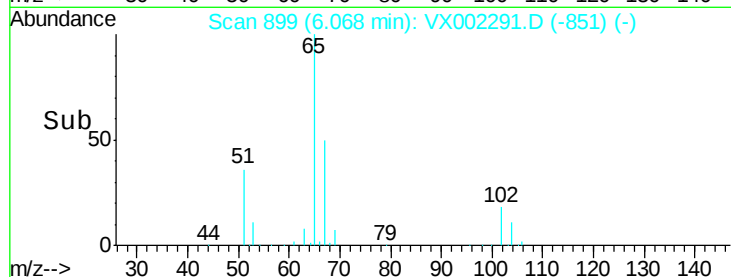
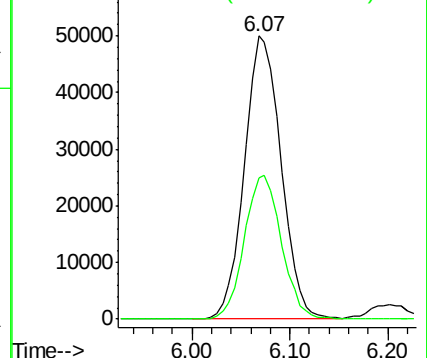
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

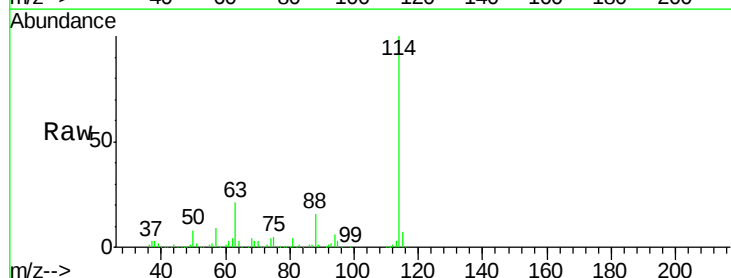
Tgt Ion: 114 Resp: 254959

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

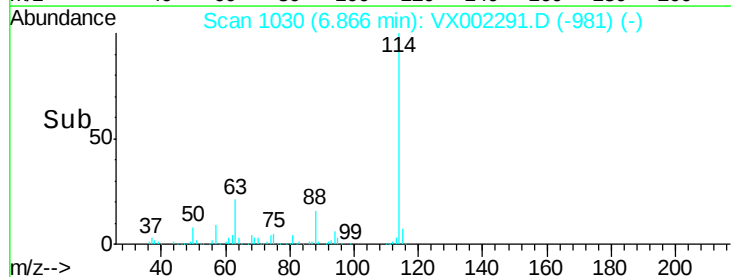
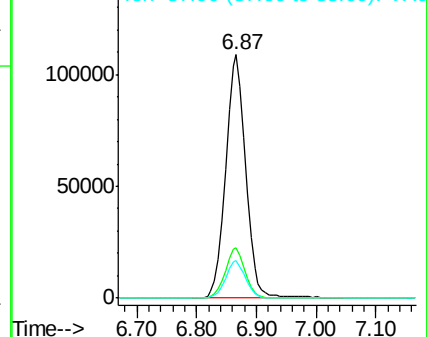
88 15.7 0.0 30.0

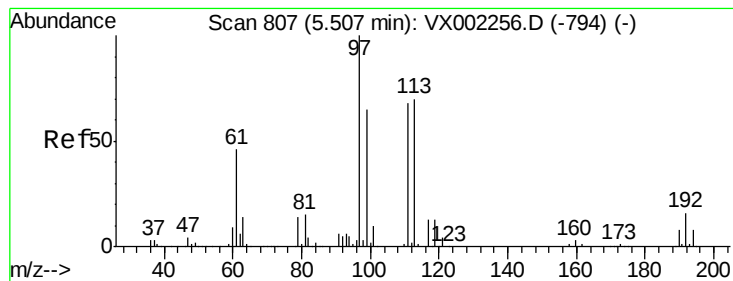


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.14 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

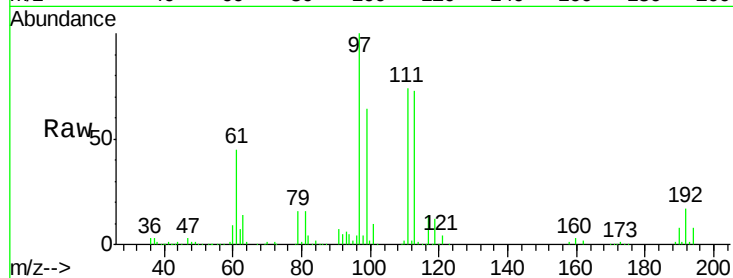
Tot Ion:113 Resp: 96514

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

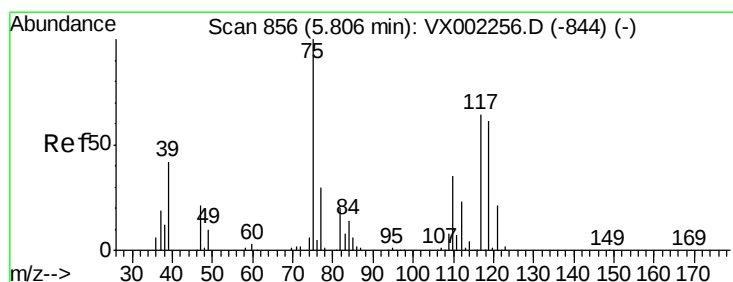
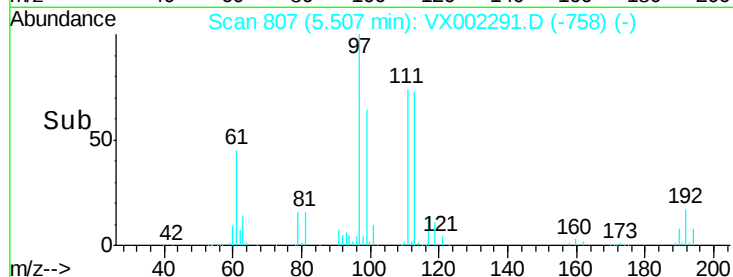
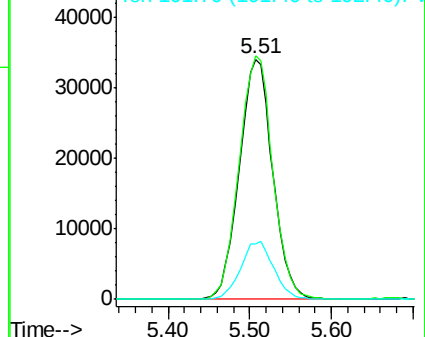
192 23.9 19.1 28.7



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: 45.75 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

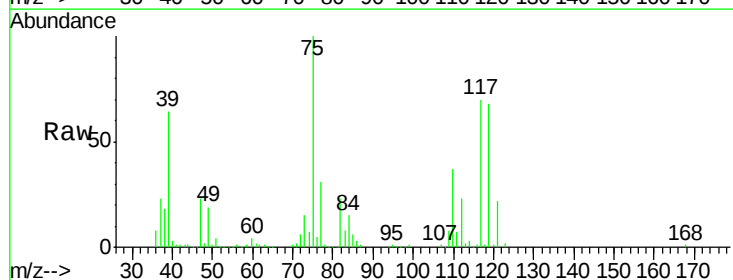
Tgt Ion: 75 Resp: 122635

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

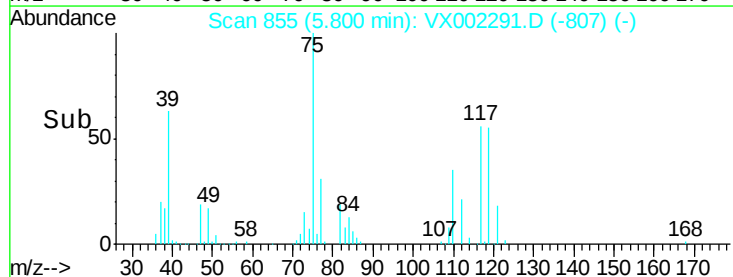
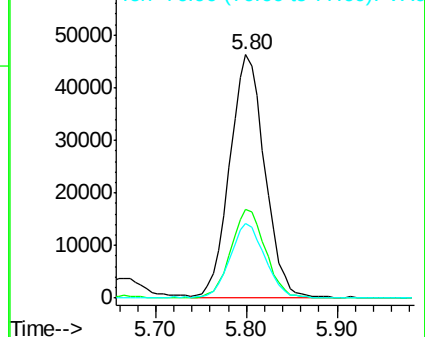
77 31.0 24.3 36.5

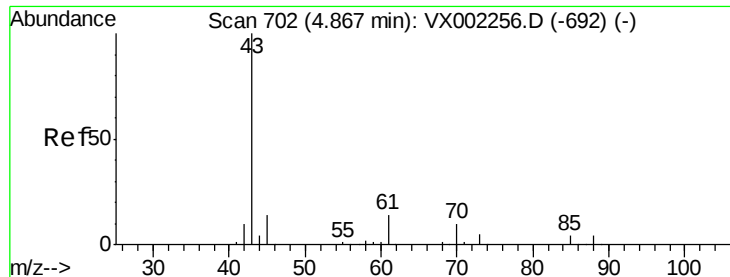


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 55.85 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

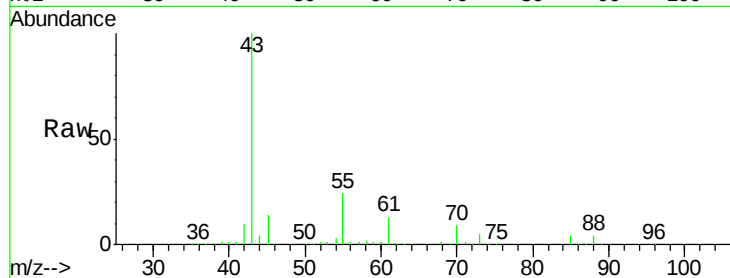
Tot Ion: 43 Resp: 180029

Ion Ratio Lower Upper

43 100

61 12.5 10.4 15.6

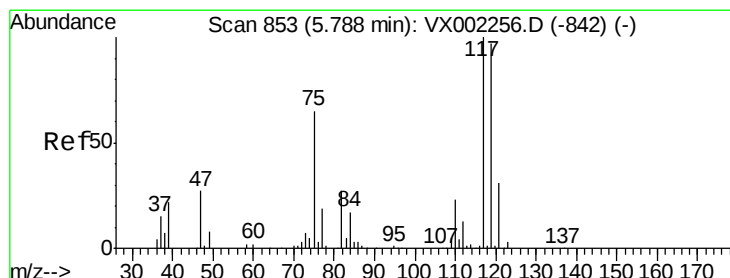
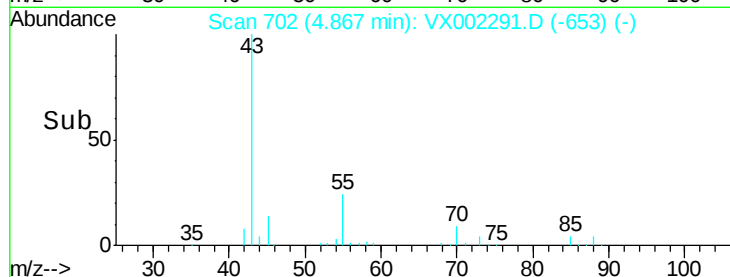
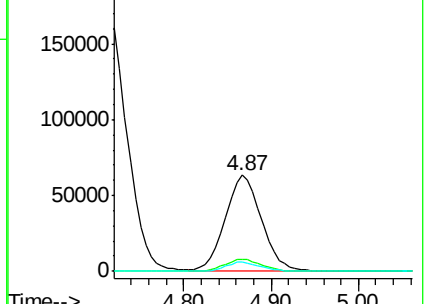
70 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 46.13 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

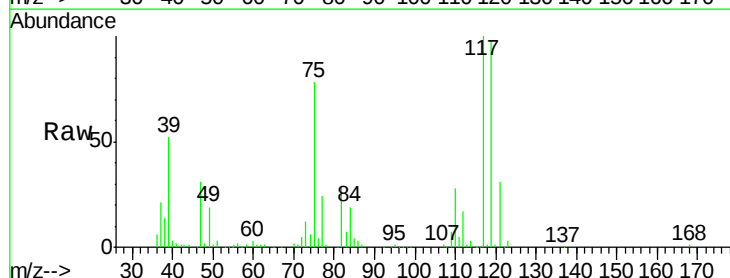
Tgt Ion: 117 Resp: 129346

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

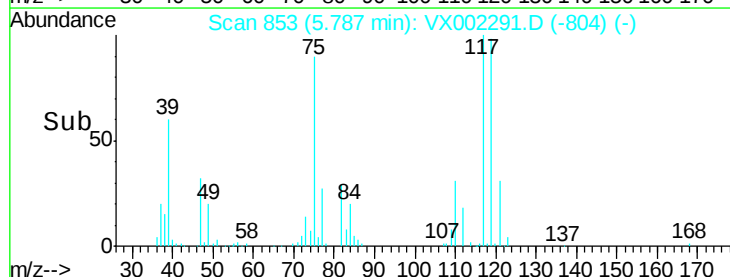
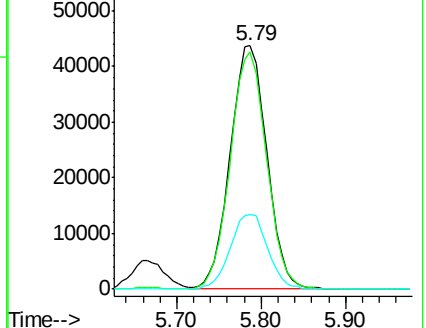
121 30.9 24.4 36.6

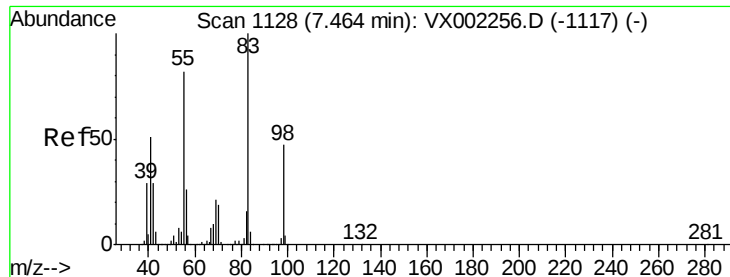


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

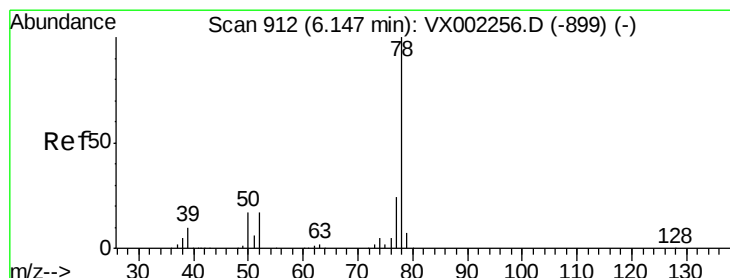
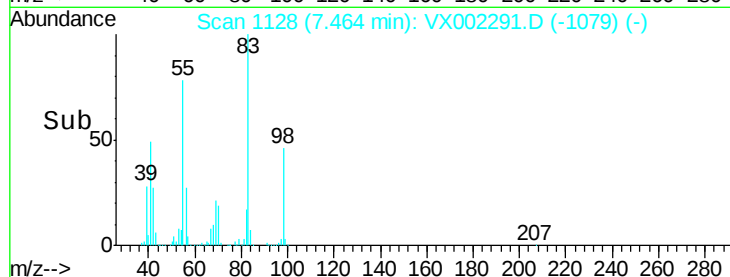
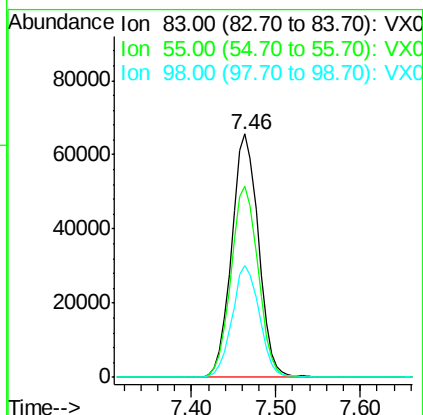
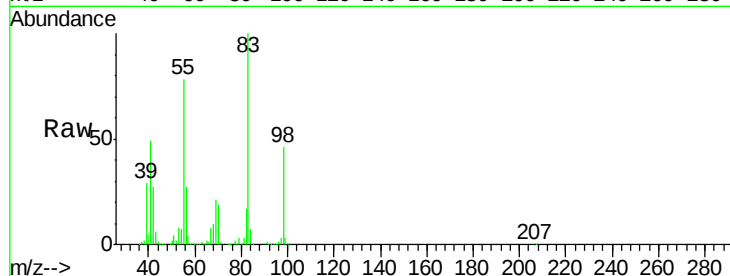




#39
Methvlcvclohexane
Concen: 42.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

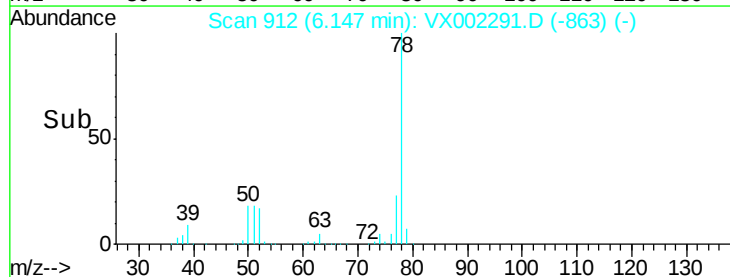
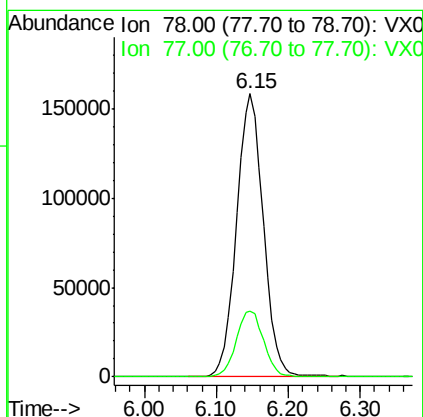
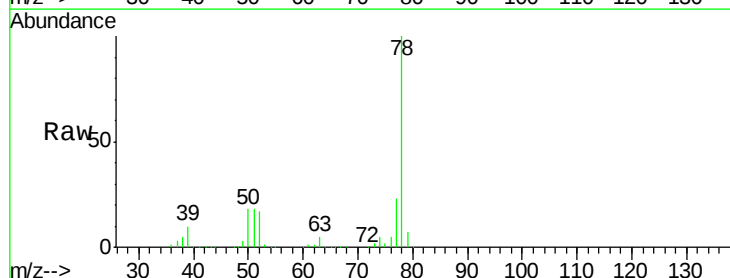
Instrument :
MSVOA_X
ClientSampled :

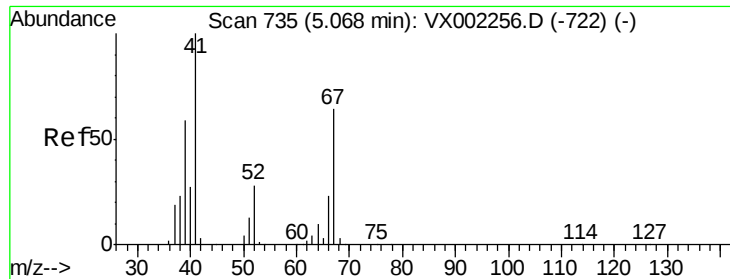
Tot Ion: 83 Resp: 141664
Ion Ratio Lower Upper
83 100
55 78.3 65.4 98.0
98 46.0 37.4 56.0



#40
Benzene
Concen: 49.74 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion: 78 Resp: 408821
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

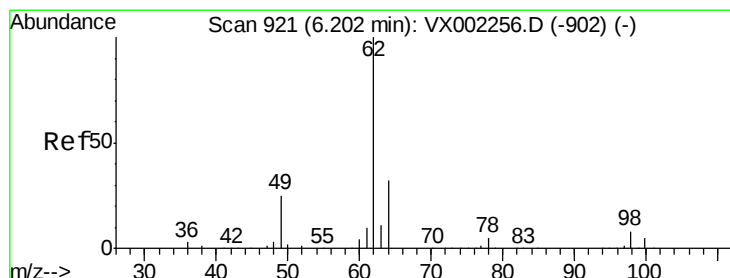
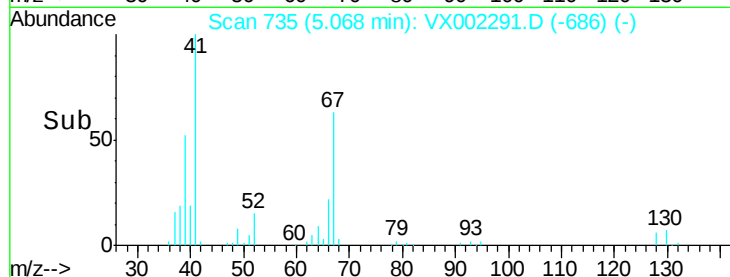
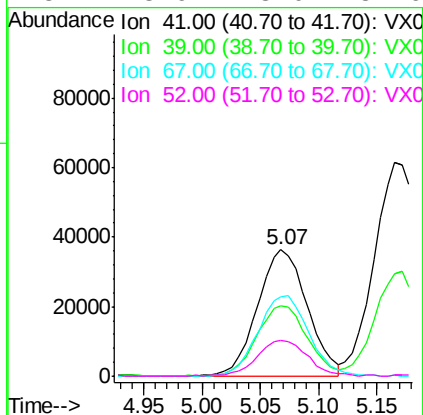
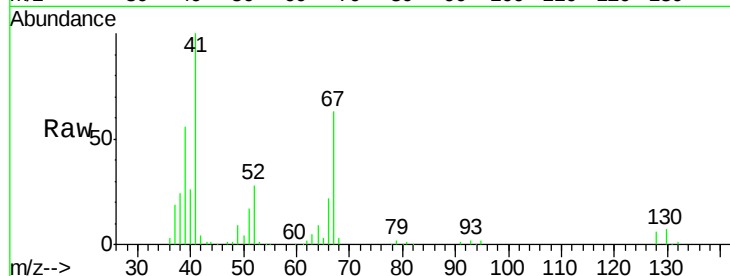




#41
Methacrylonitrile
Concen: 57.84 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

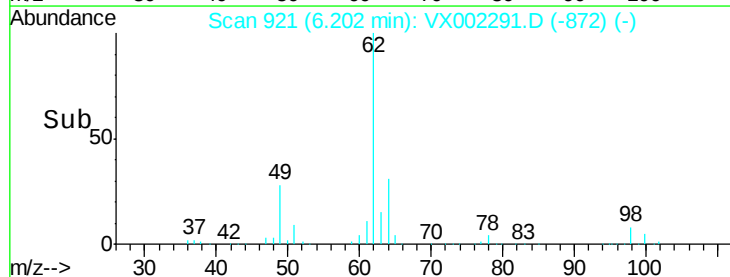
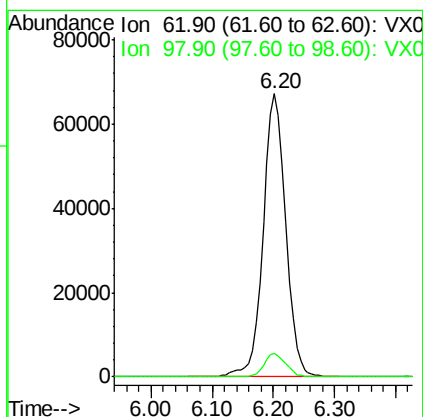
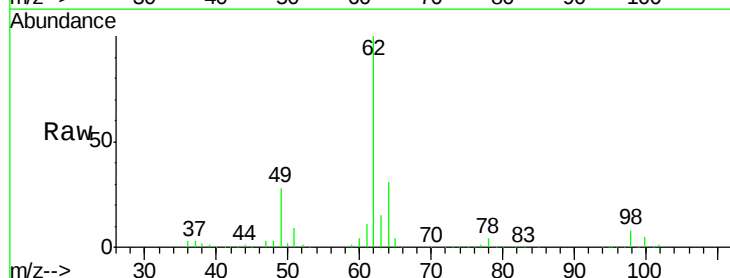
Instrument :
MSVOA_X
ClientSampled :

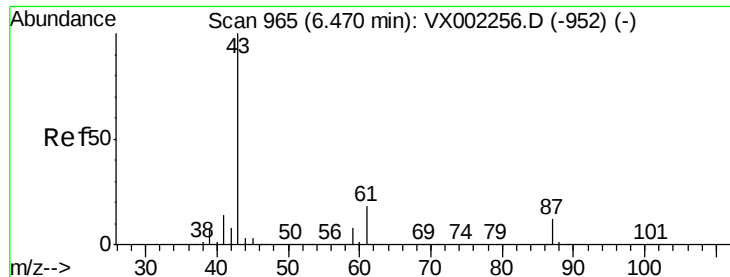
Tot Ion:	41	Resp:	106724
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	65.6	51.3	76.9
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 52.85 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion:	62	Resp:	172574
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 53.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

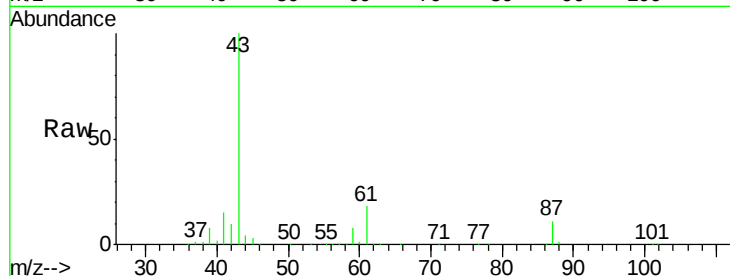
Tot Ion: 43 Resp: 293092

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

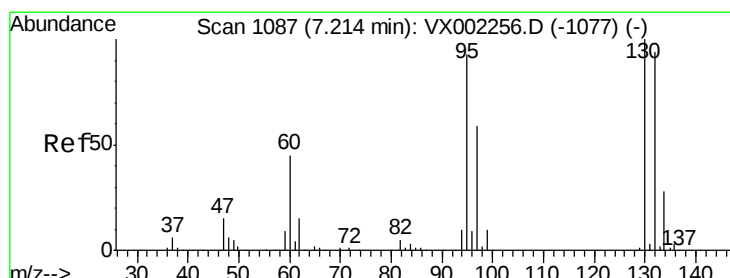
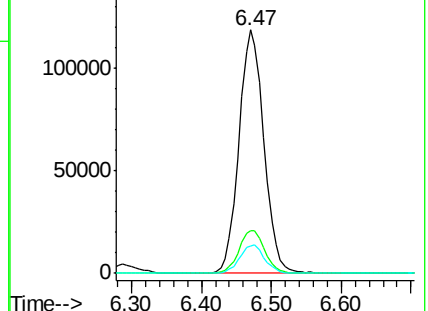
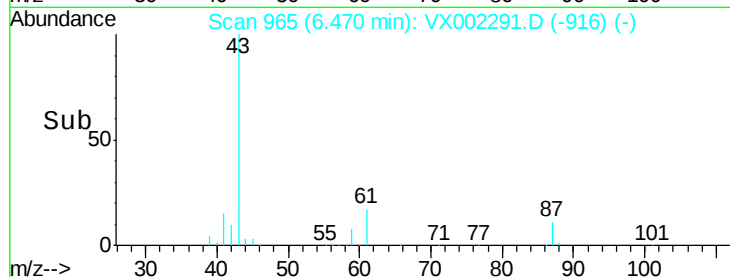
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)



#44

Trichloroethene

Concen: 47.87 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002291.D

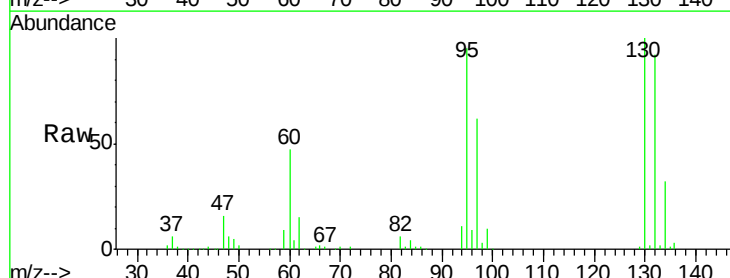
Acq: 05 Jun 2018 05:51

Tgt Ion:130 Resp: 109187

Ion Ratio Lower Upper

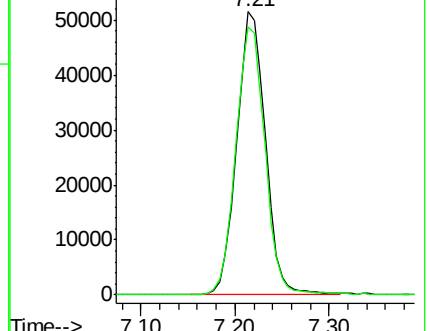
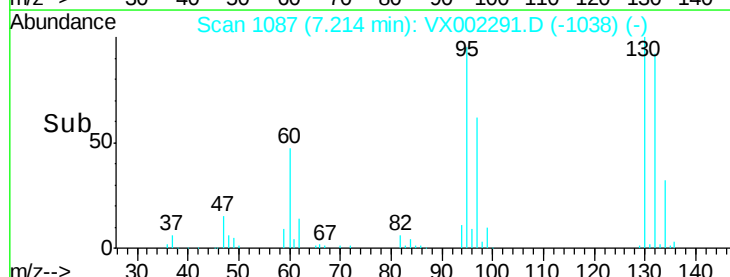
130 100

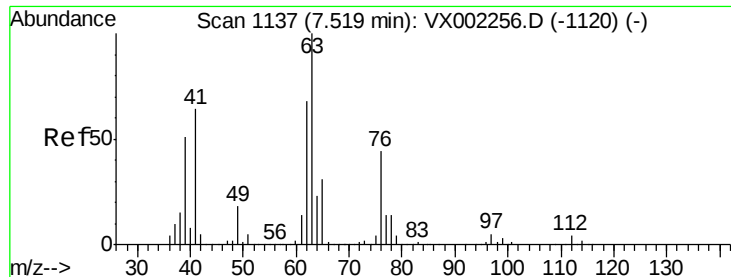
95 94.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 50.06 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

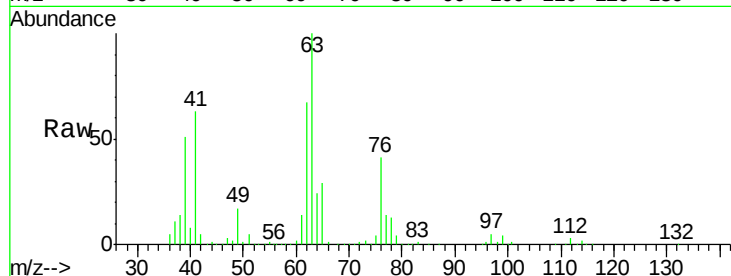
ClientSampleId :

Tot Ion: 63 Resp: 111068

Ion Ratio Lower Upper

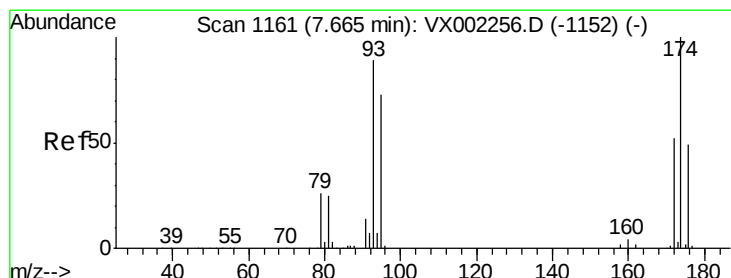
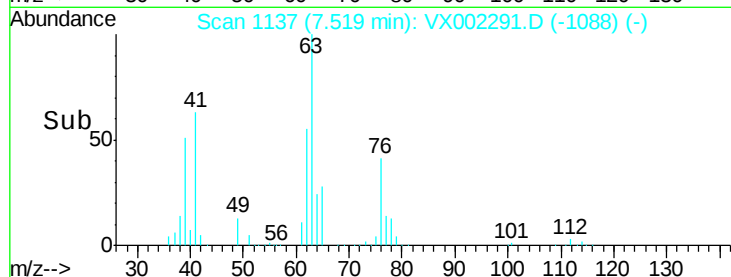
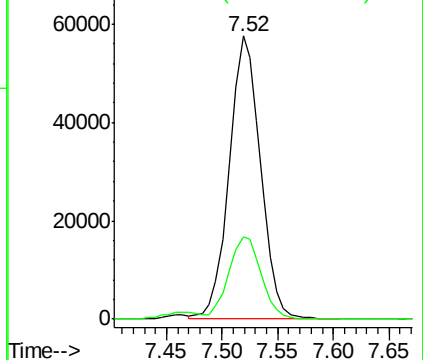
63 100

65 29.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.08 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

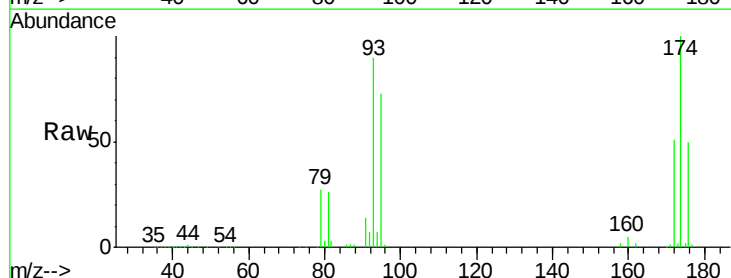
Tgt Ion: 93 Resp: 78326

Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

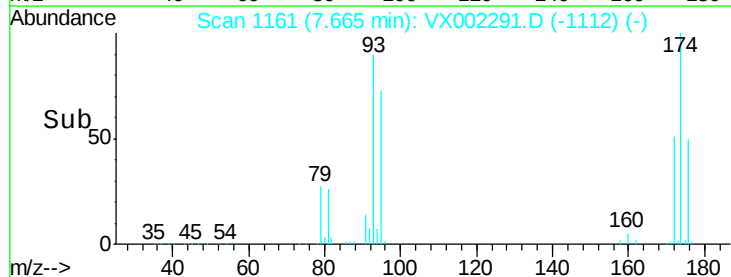
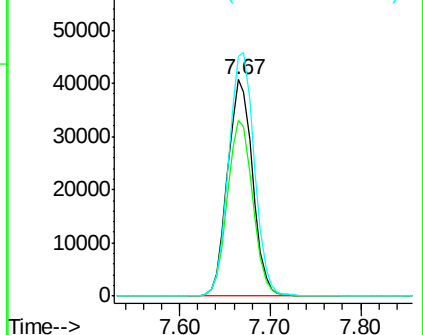
174 115.0 92.4 138.6

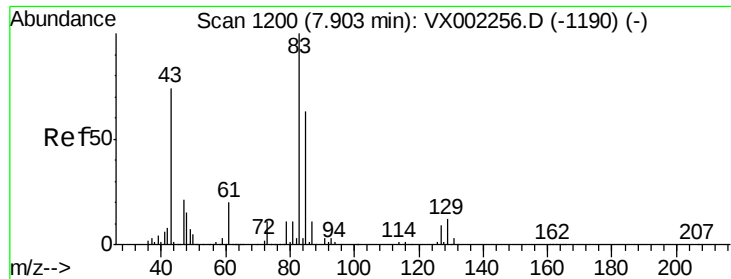


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

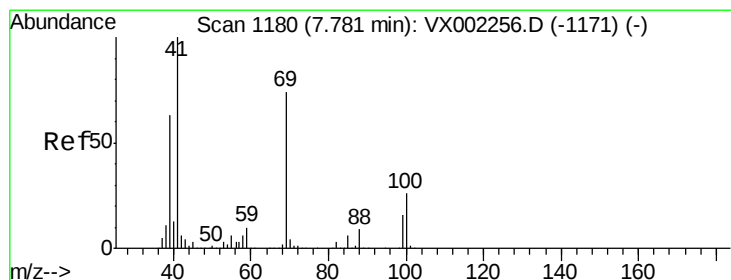
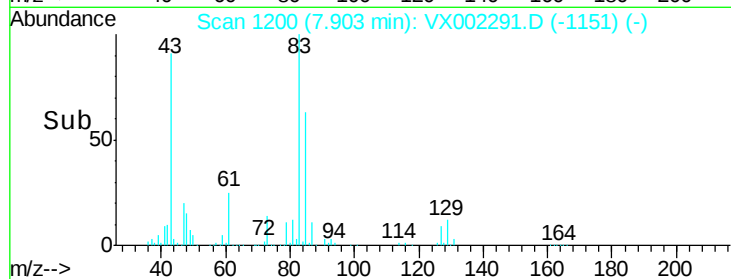
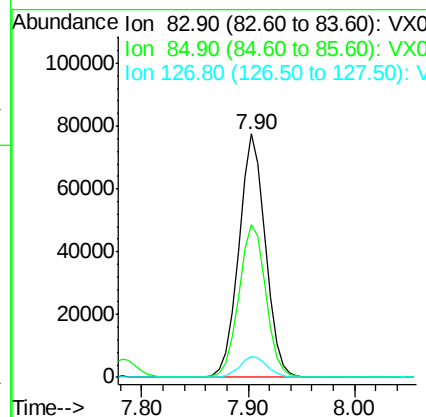
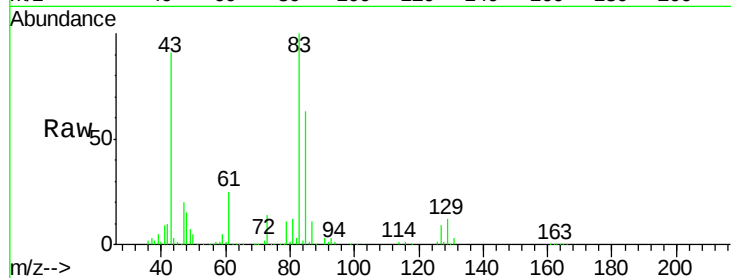




#47
 Bromodichloromethane
 Concen: 49.98 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

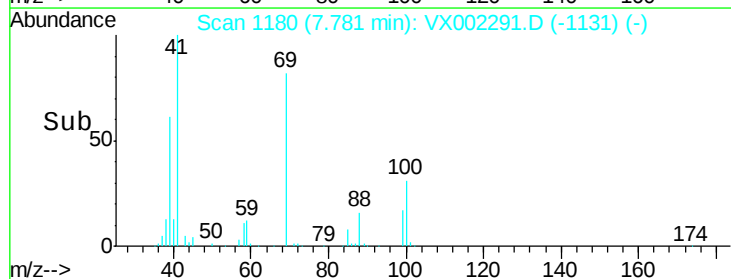
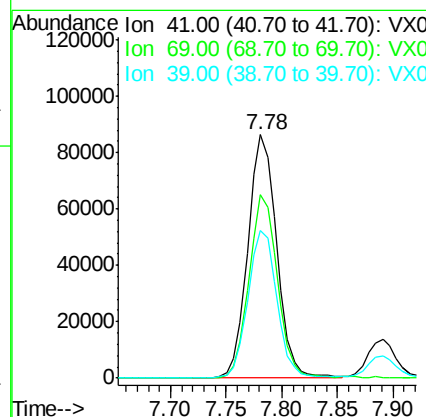
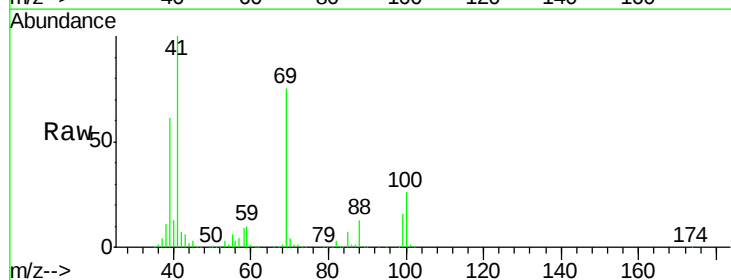
Instrument :
 MSVOA_X
 ClientSampled :

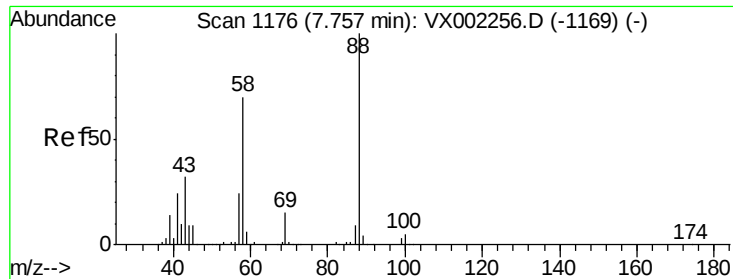
Tot Ion: 83 Resp: 135962
 Ion Ratio Lower Upper
 83 100
 85 62.6 50.3 75.5
 127 8.8 7.0 10.4



#48
 Methyl methacrylate
 Concen: 56.55 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Tgt Ion: 41 Resp: 155527
 Ion Ratio Lower Upper
 41 100
 69 75.1 59.1 88.7
 39 60.7 48.9 73.3

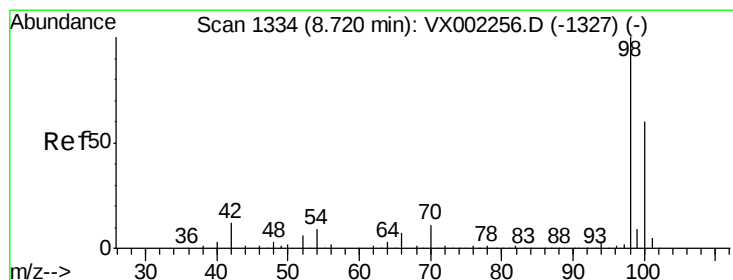
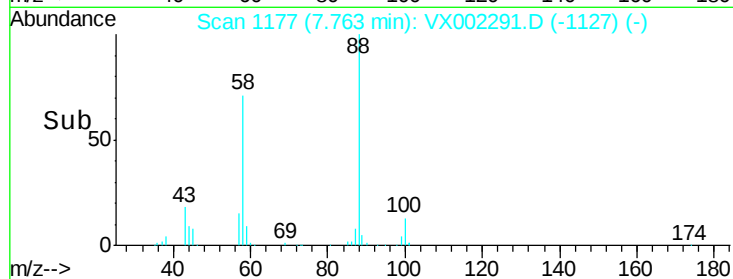
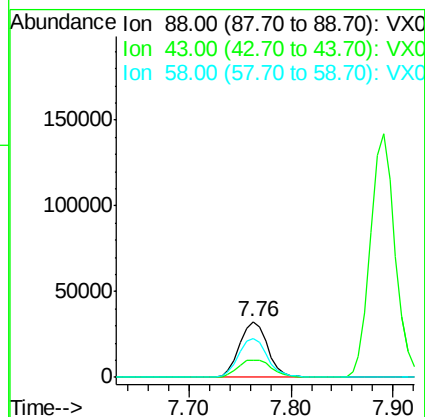
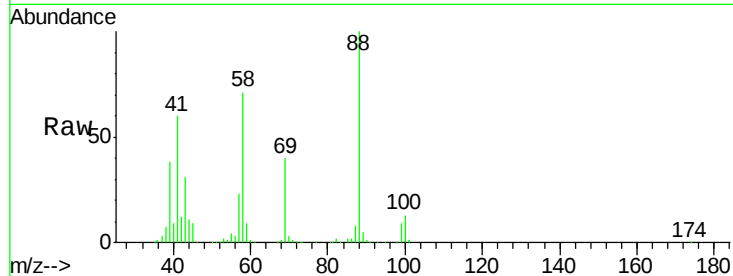




#49
1,4-Dioxane
Concen: 1215.47 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

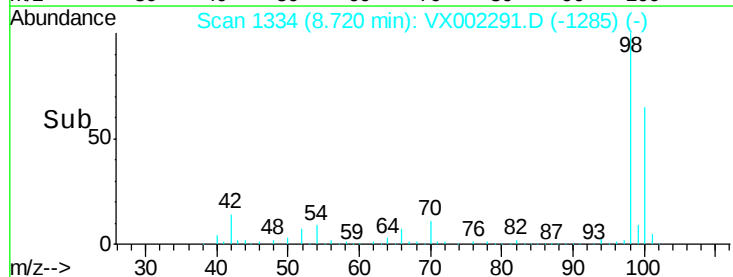
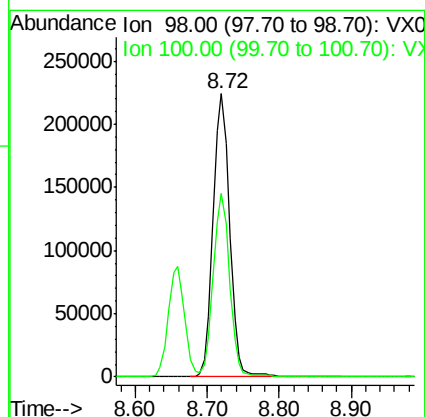
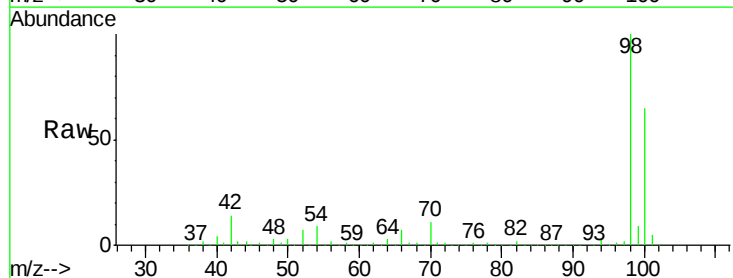
Instrument :
MSVOA_X
ClientSampleId :

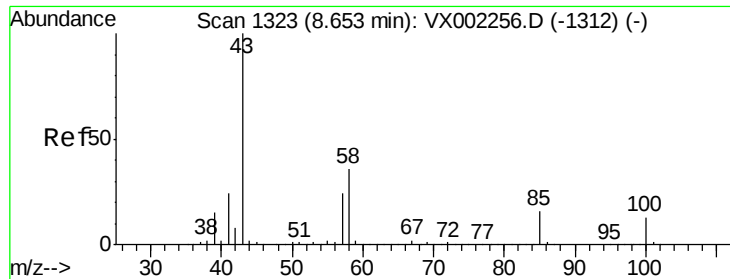
Tot Ion: 88 Resp: 62501
Ion Ratio Lower Upper
88 100
43 36.3 29.8 44.6
58 72.0 57.1 85.7



#50
Toluene-d8
Concen: 46.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion: 98 Resp: 356905
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 303.90 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

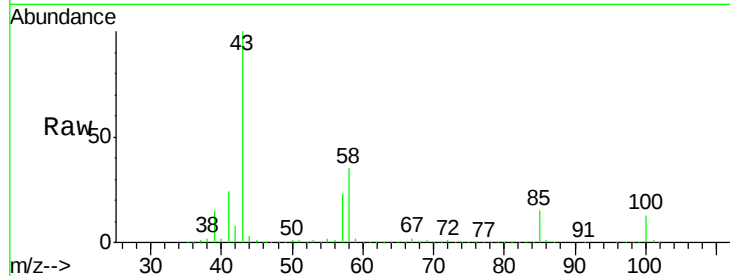
ClientSampleId :

Tot Ion: 43 Resp: 1036154

Ion Ratio Lower Upper

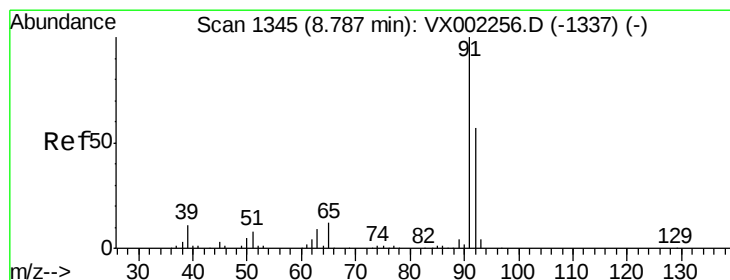
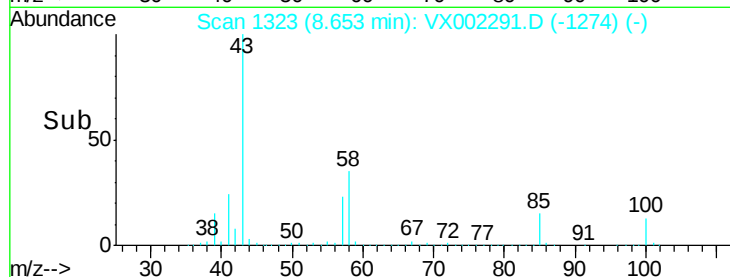
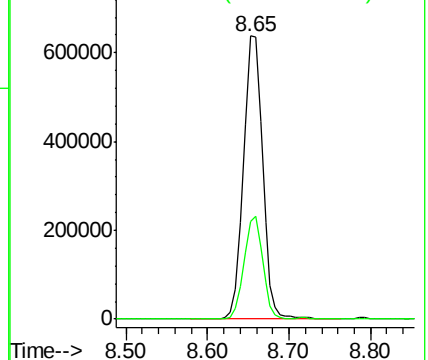
43 100

58 35.3 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: 49.71 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002291.D

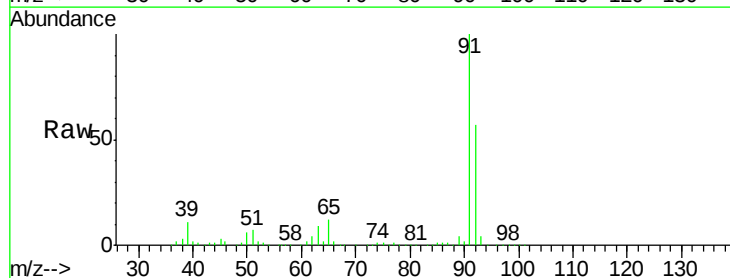
Acq: 05 Jun 2018 05:51

Tgt Ion: 92 Resp: 259812

Ion Ratio Lower Upper

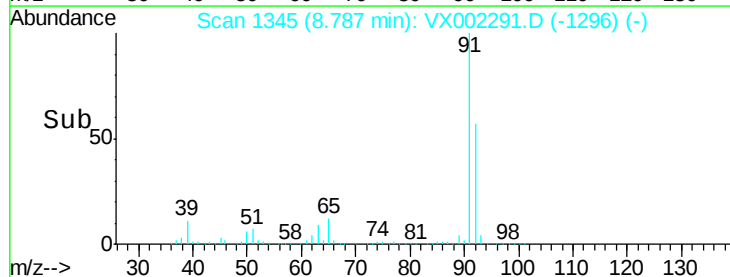
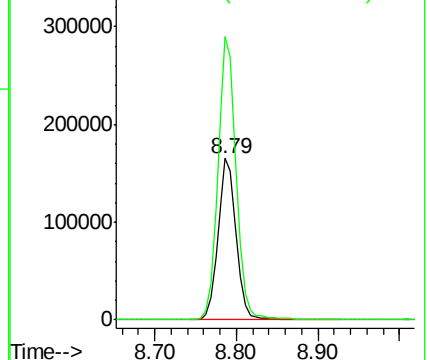
92 100

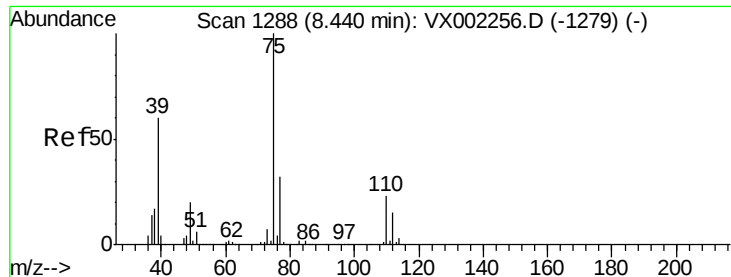
91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

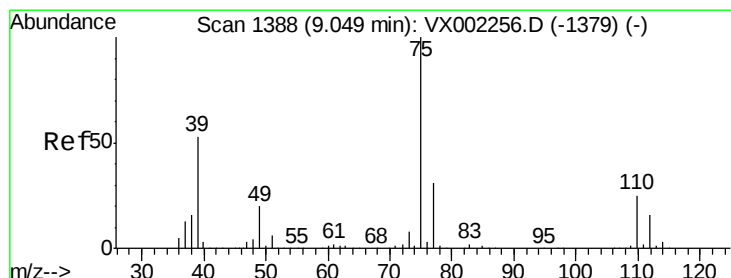
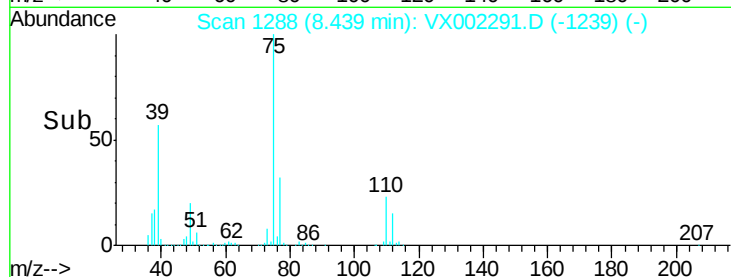
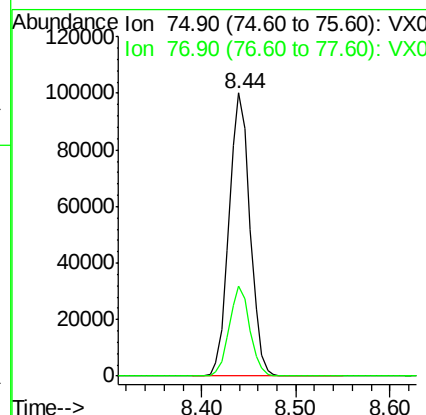
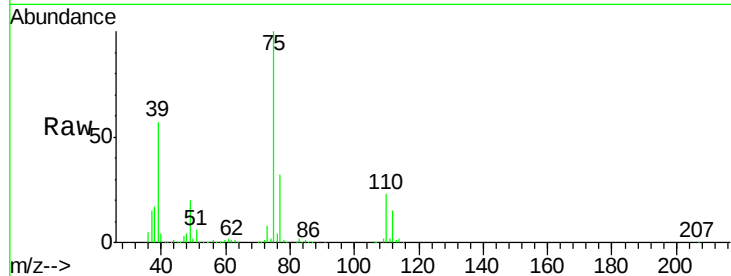




#53
t-1,3-Dichloropropene
Concen: 47.56 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

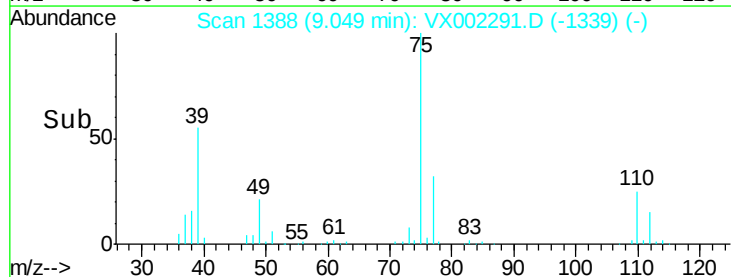
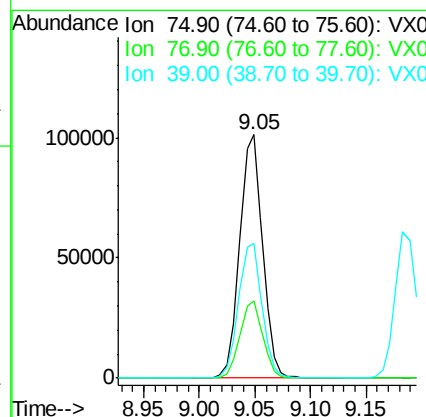
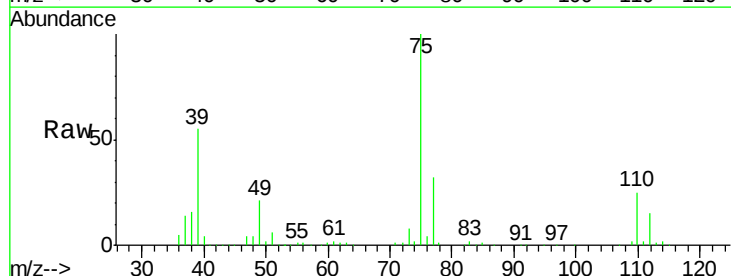
Instrument :
MSVOA_X
ClientSampled :

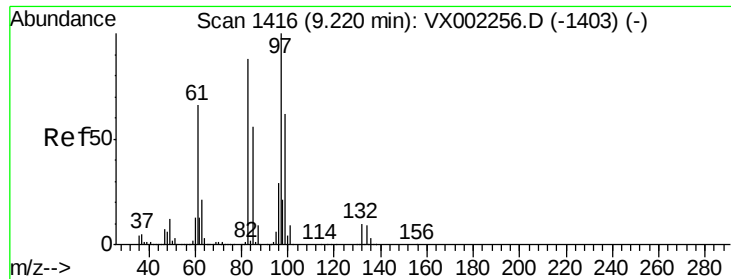
Tot Ion: 75 Resp: 155143
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.78 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion: 75 Resp: 143967
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 55.2 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 53.89 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 115855

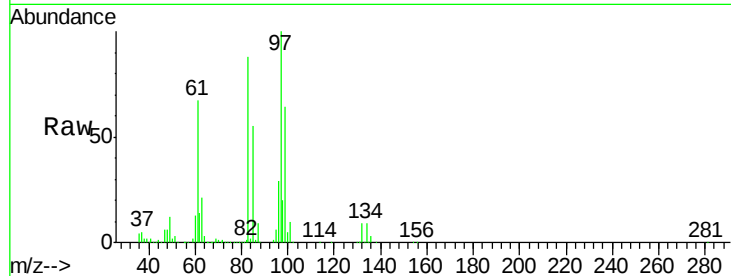
Ion Ratio Lower Upper

97 100

83 88.2 70.2 105.2

85 55.3 44.9 67.3

99 63.7 49.8 74.8

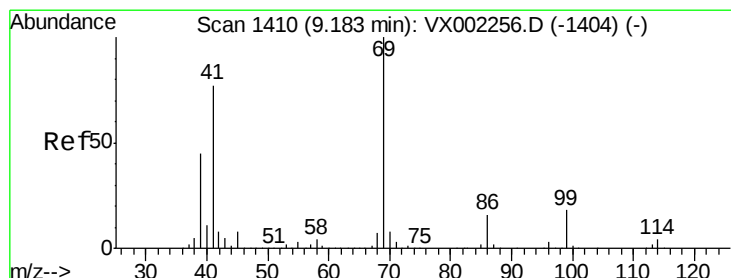
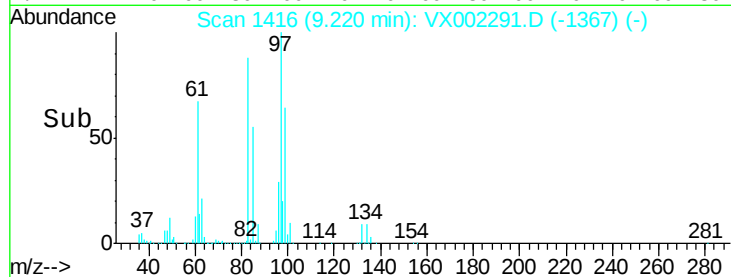
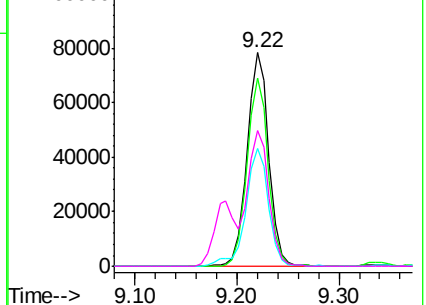


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.30 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

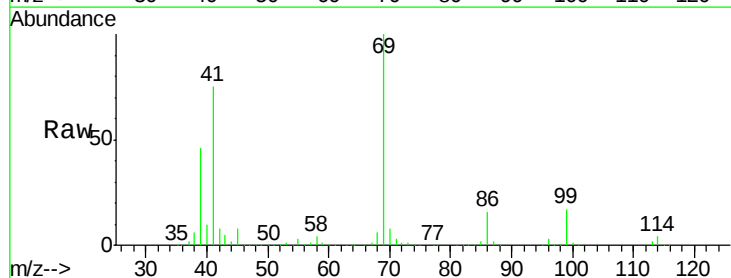
Tgt Ion: 69 Resp: 186378

Ion Ratio Lower Upper

69 100

41 75.3 60.3 90.5

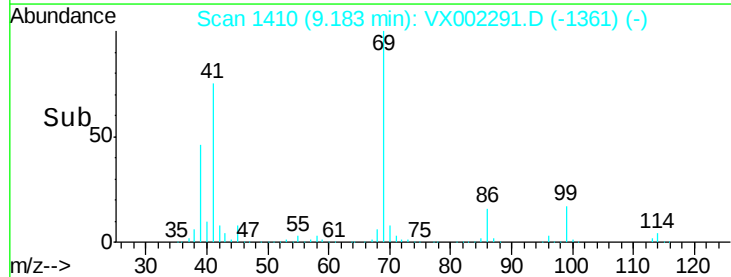
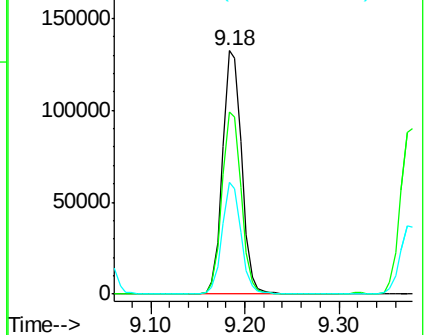
39 45.2 35.8 53.8

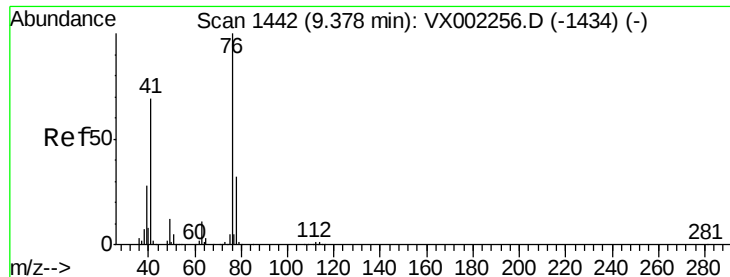


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.51 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

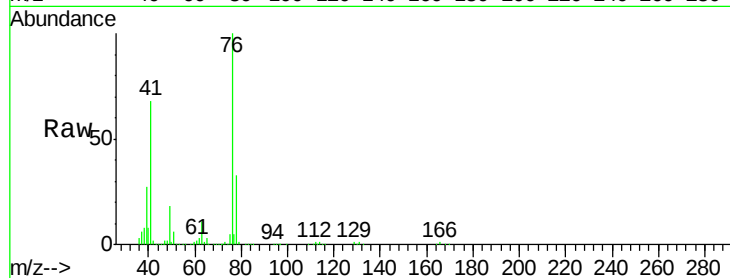
ClientSampleId :

Tot Ion: 76 Resp: 192986

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

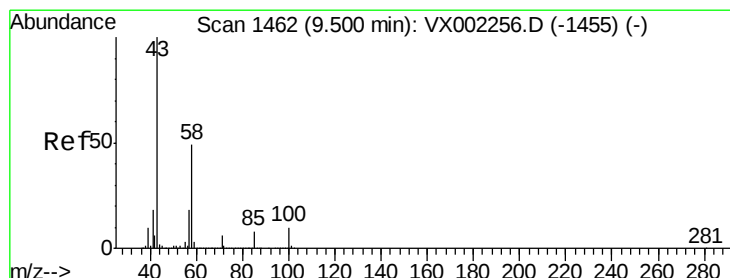
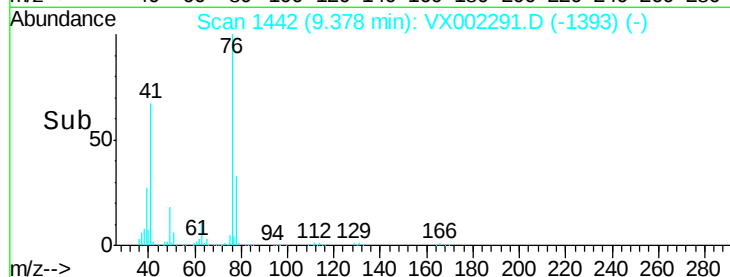
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 308.67 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002291.D

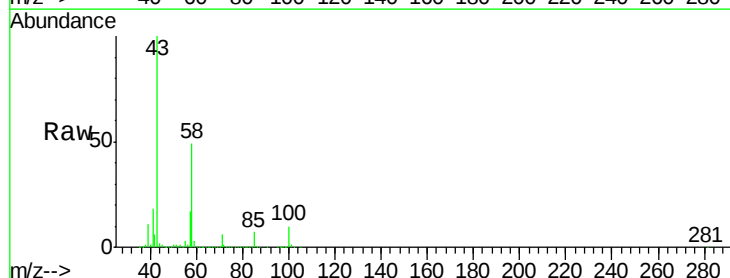
Acq: 05 Jun 2018 05:51

Tgt Ion: 43 Resp: 812883

Ion Ratio Lower Upper

43 100

58 49.2 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

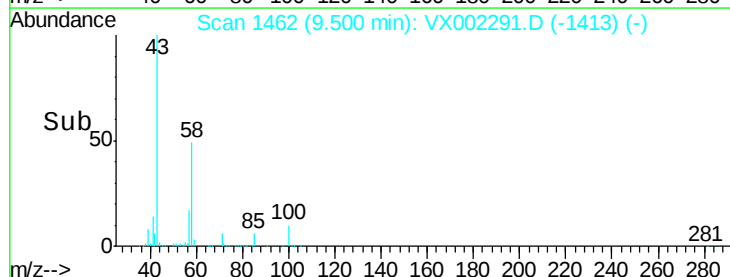
600000

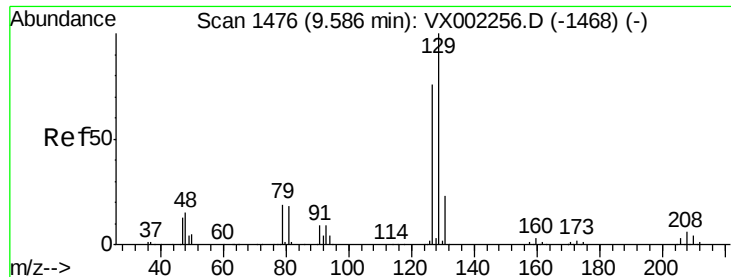
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 51.82 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

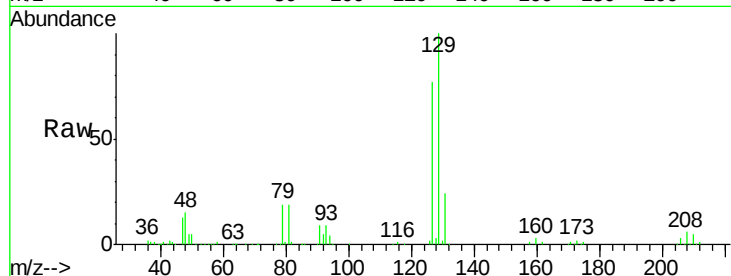
ClientSampleId :

Tot Ion:129 Resp: 112046

Ion Ratio Lower Upper

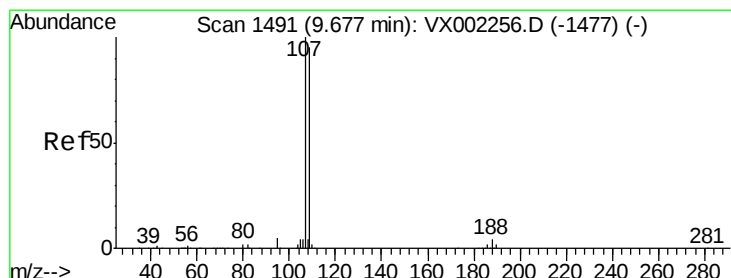
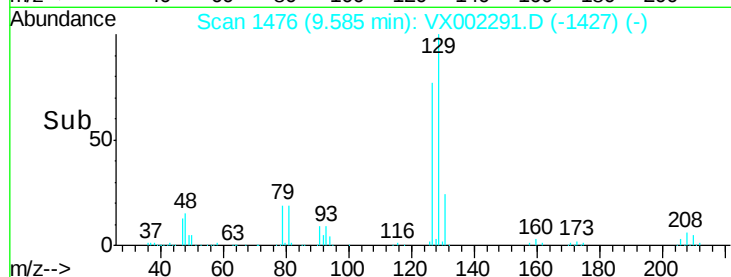
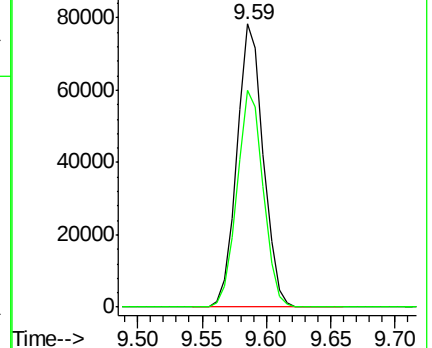
129 100

127 76.1 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.42 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002291.D

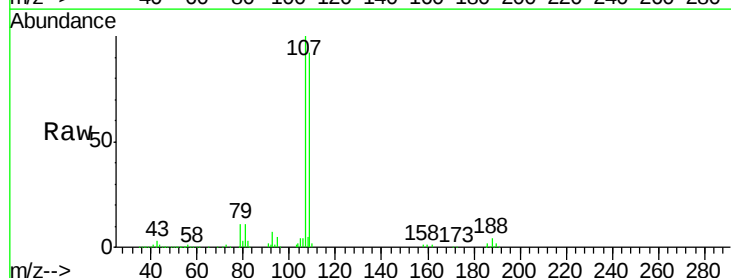
Acq: 05 Jun 2018 05:51

Tgt Ion:107 Resp: 124220

Ion Ratio Lower Upper

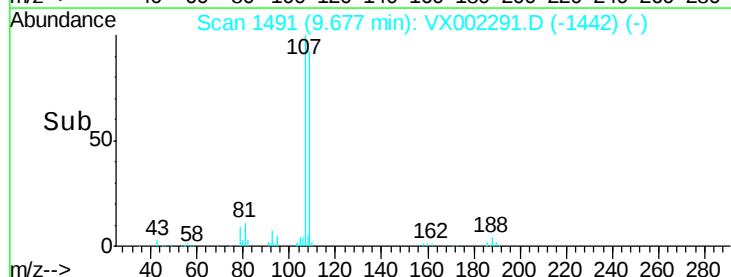
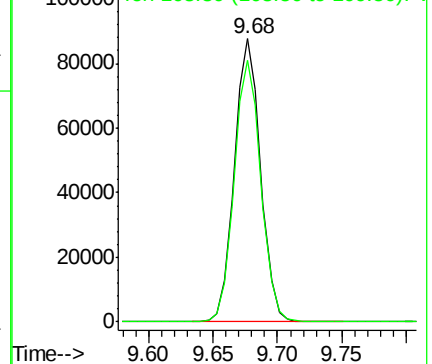
107 100

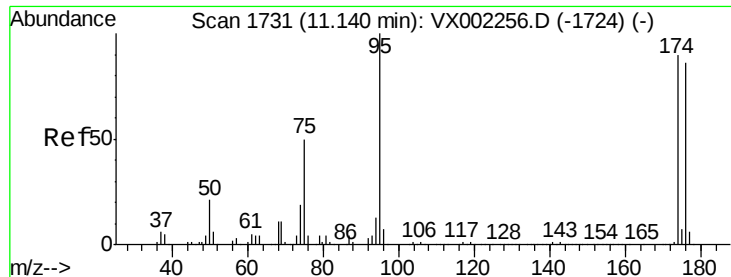
109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

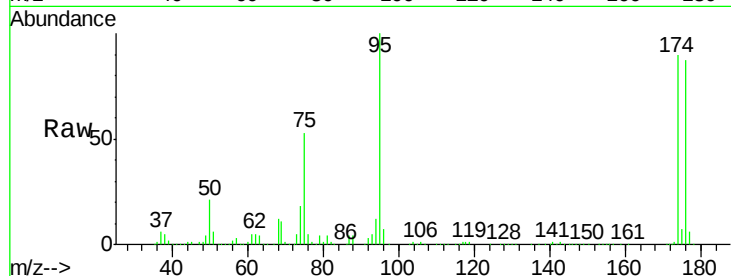




#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :

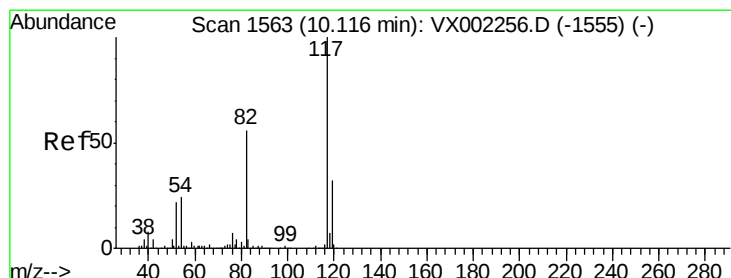
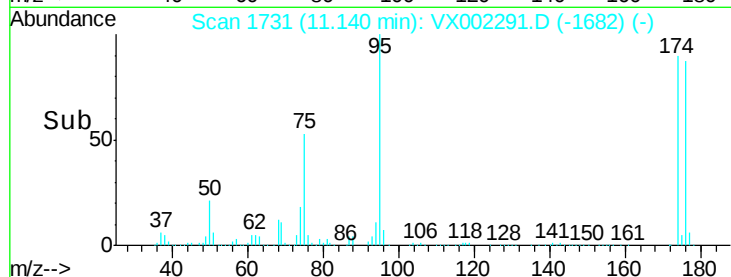
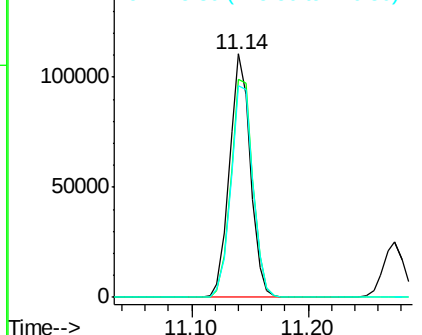
Tot Ion	95	Resp	138007
Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	187.4
176	92.0	0.0	181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002291.D (-1682) (-)

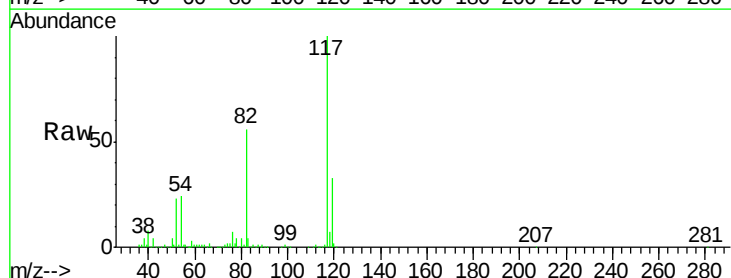
Ion 173.80 (173.50 to 174.50): VX002291.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002291.D (-1682) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

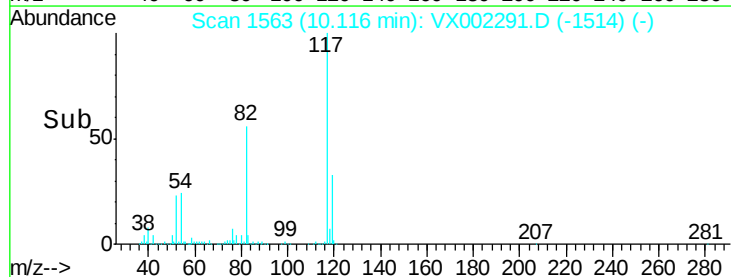
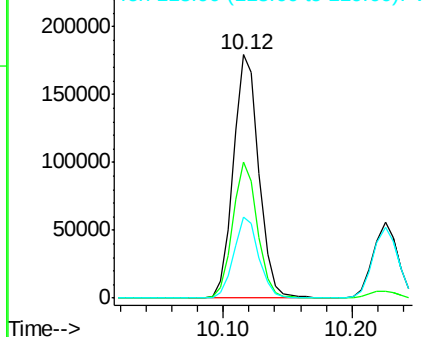
Tgt Ion	117	Resp	247555
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.4
119	33.0	25.8	38.6

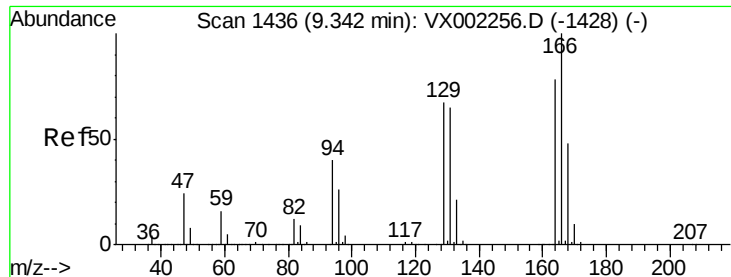


Abundance Ion 116.90 (116.60 to 117.60): VX002291.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002291.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002291.D (-1514) (-)





#64

Tetrachloroethene

Concen: 44.08 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 112546

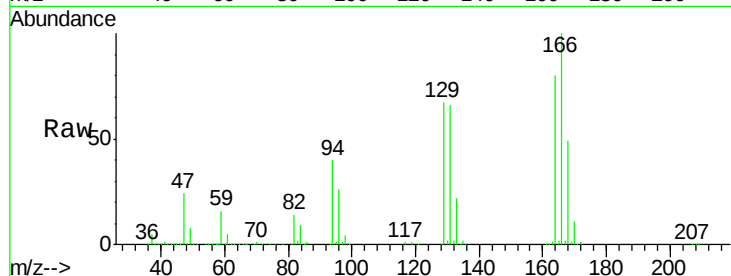
Ion Ratio Lower Upper

164 100

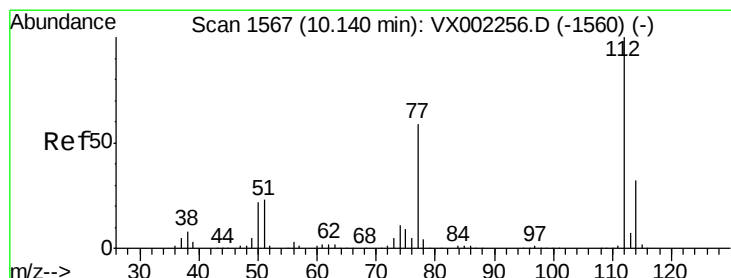
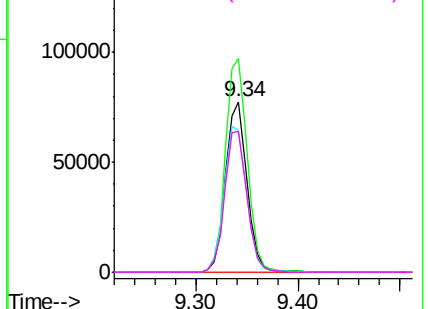
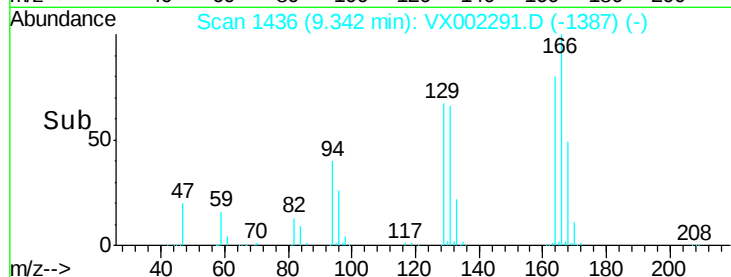
166 125.2 102.9 154.3

129 83.6 68.6 102.8

131 82.3 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: 49.00 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002291.D

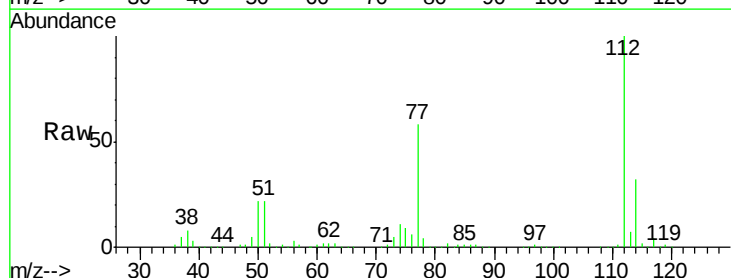
Acq: 05 Jun 2018 05:51

Tgt Ion:112 Resp: 301853

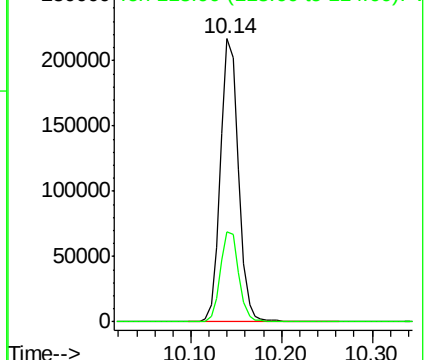
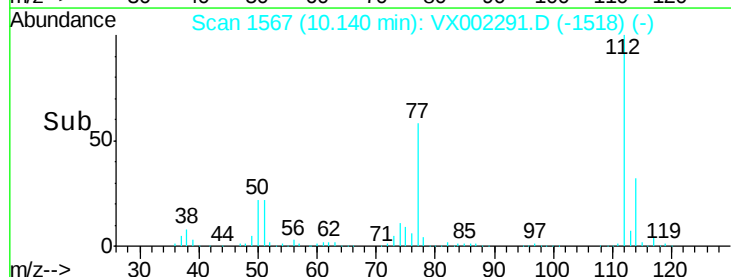
Ion Ratio Lower Upper

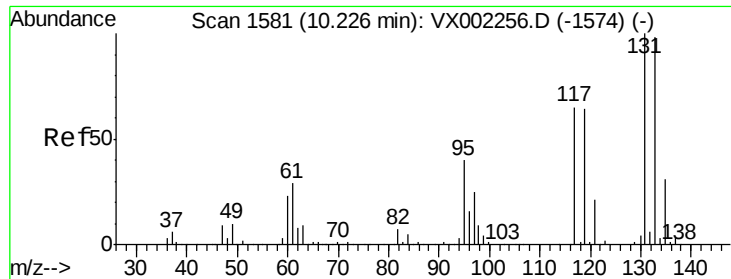
112 100

114 32.1 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: 50.28 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

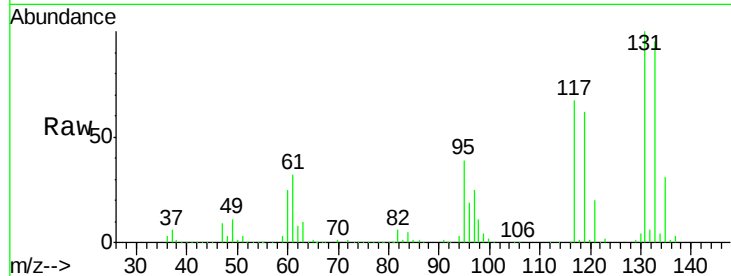
Tot Ion:131 Resp: 112153

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

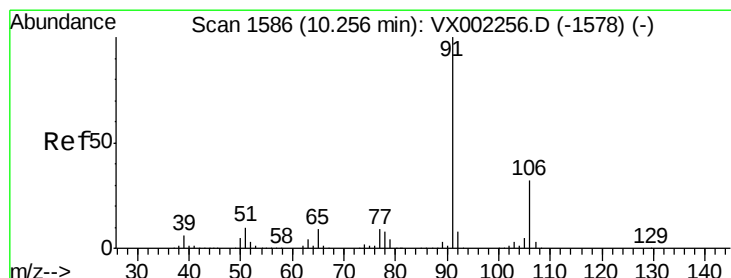
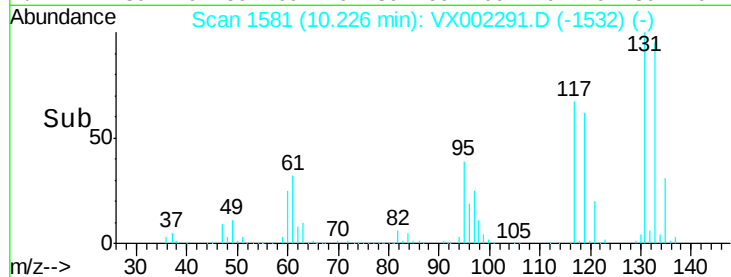
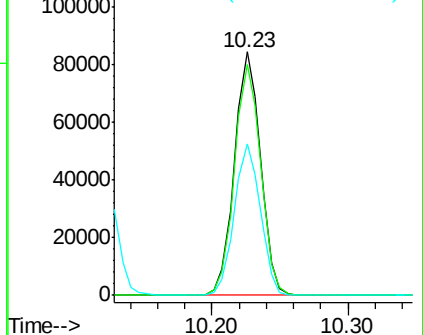
119 62.6 31.8 95.3



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: 49.02 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002291.D

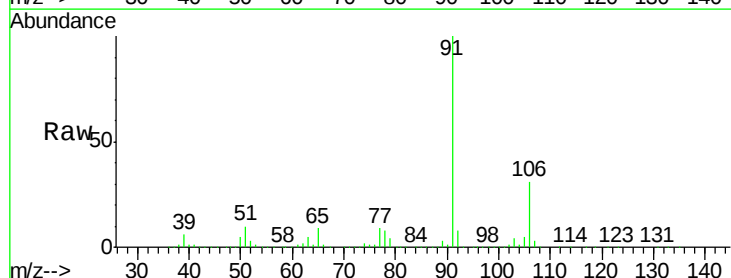
Acq: 05 Jun 2018 05:51

Tgt Ion: 91 Resp: 505377

Ion Ratio Lower Upper

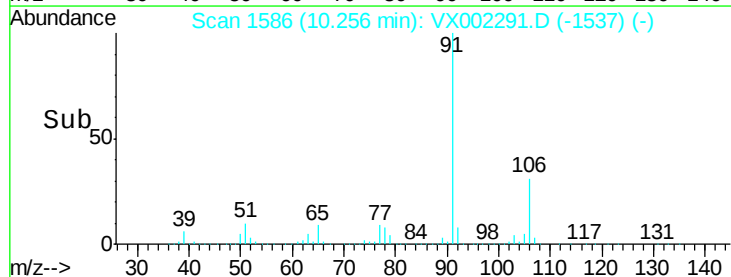
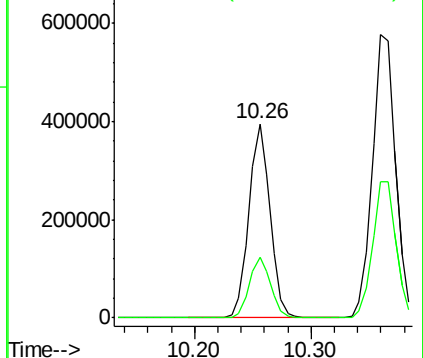
91 100

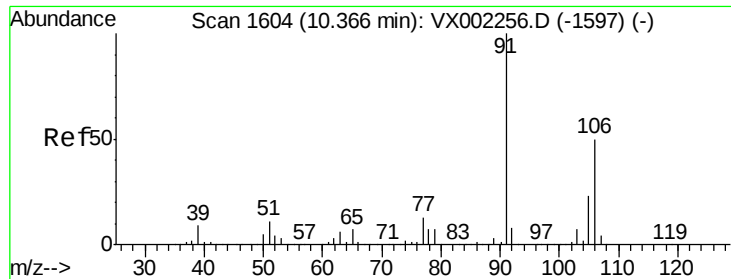
106 31.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

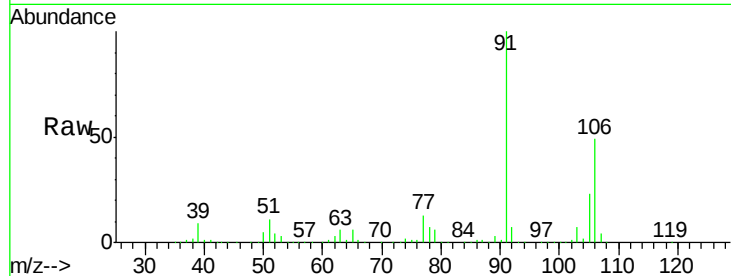




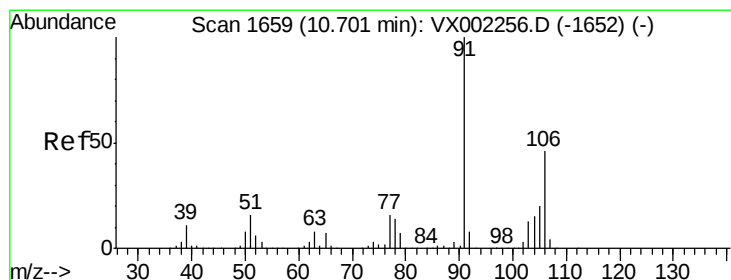
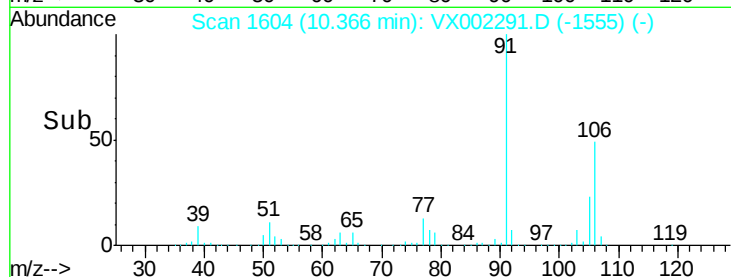
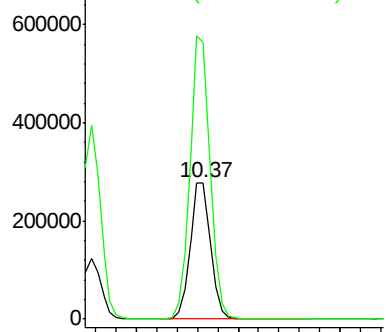
#68
m/p-Xvlenes
Concen: 97.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 388703
Ion Ratio Lower Upper
106 100
91 206.1 163.4 245.2

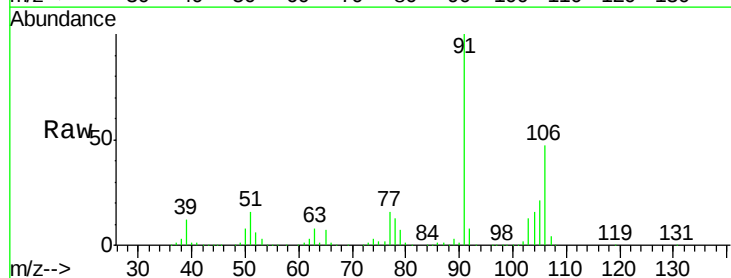


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

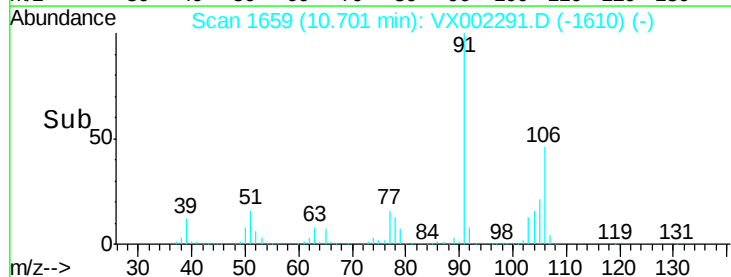
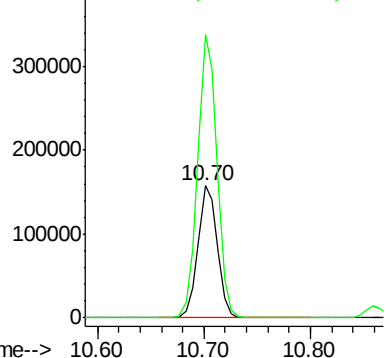


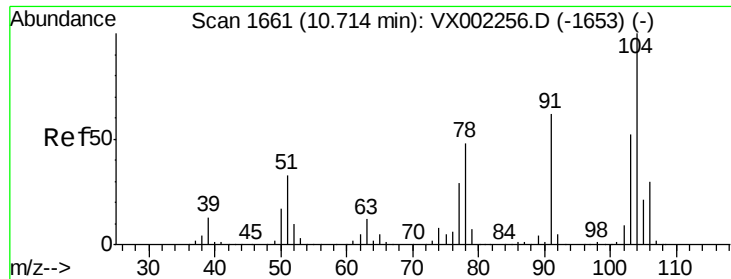
#69
o-Xylene
Concen: 50.55 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion:106 Resp: 201582
Ion Ratio Lower Upper
106 100
91 214.0 108.2 324.6



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

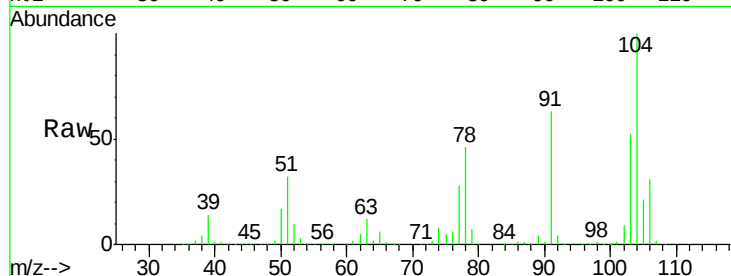




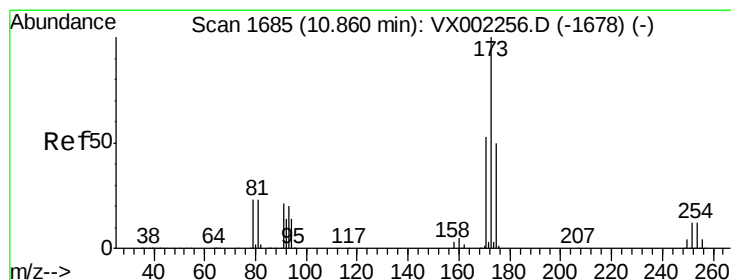
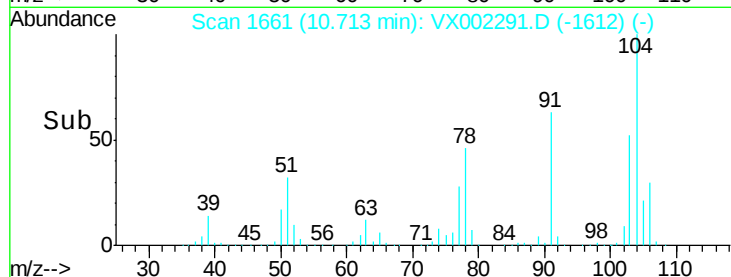
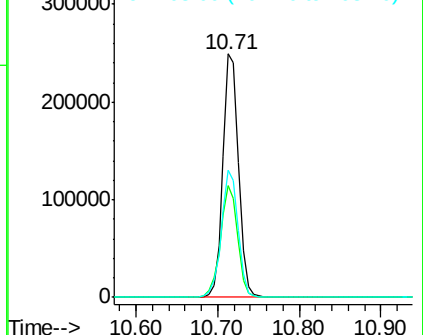
#70
Stvrene
Concen: 51.03 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 332700
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.8 44.2 66.4

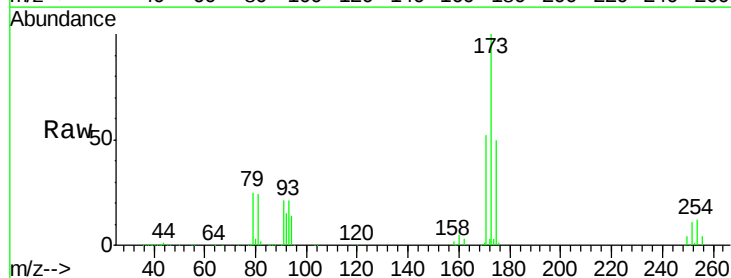


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

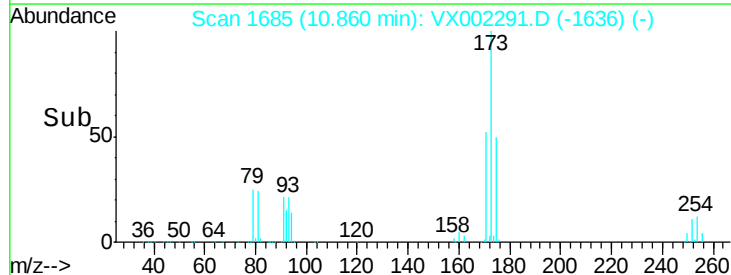
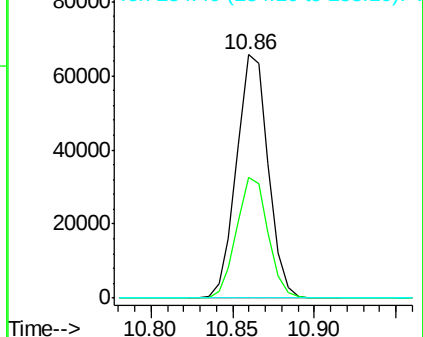


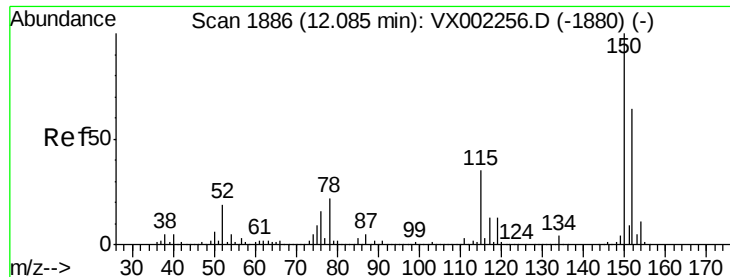
#71
Bromoform
Concen: 45.03 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion:173 Resp: 89220
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.1 0.2 0.2#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

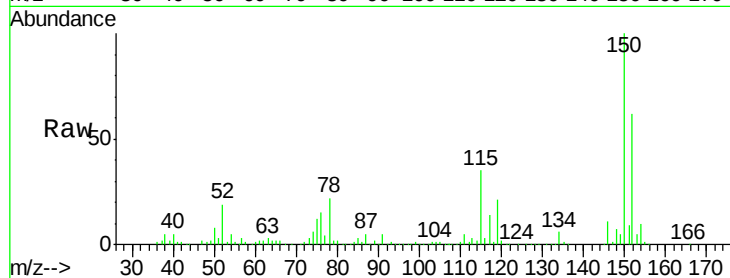
Tot Ion:152 Resp: 149493

Ion Ratio Lower Upper

152 100

115 78.5 40.1 120.2

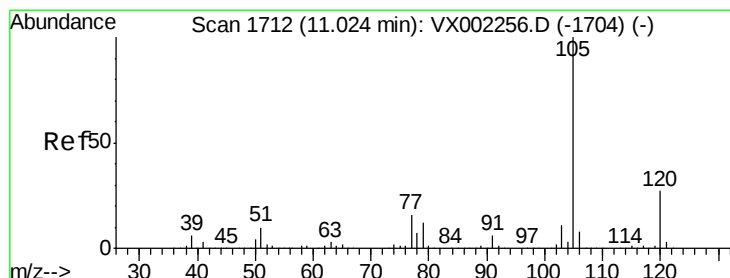
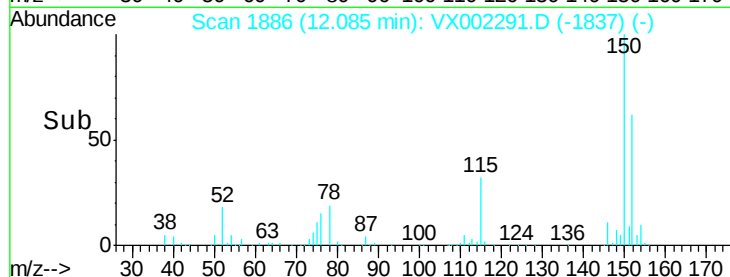
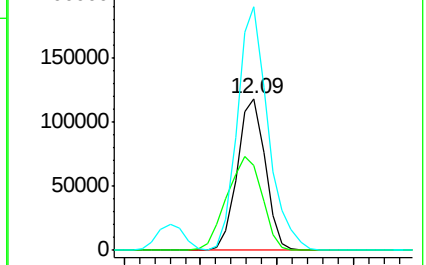
150 176.0 0.0 347.2



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: 49.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002291.D

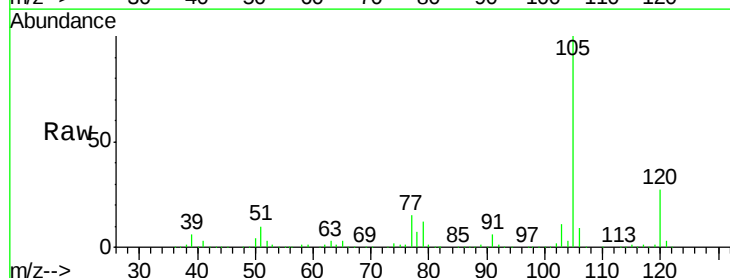
Acq: 05 Jun 2018 05:51

Tgt Ion:105 Resp: 512126

Ion Ratio Lower Upper

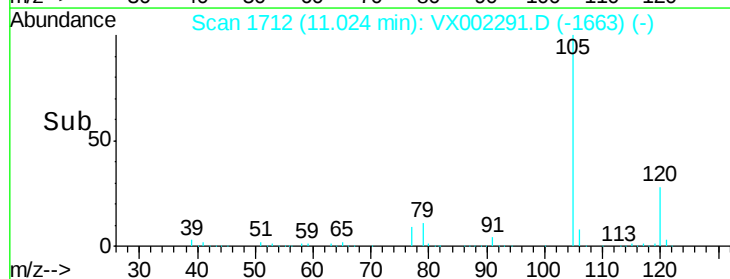
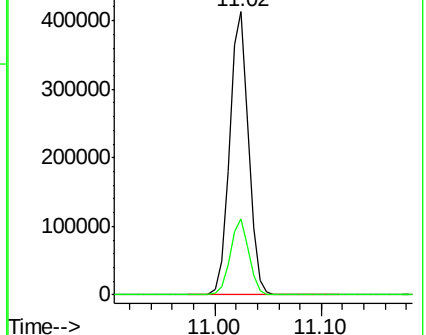
105 100

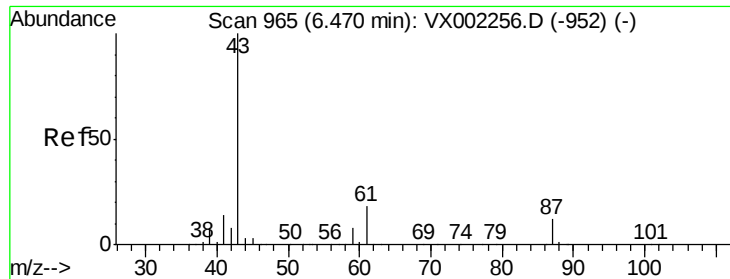
120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 52.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

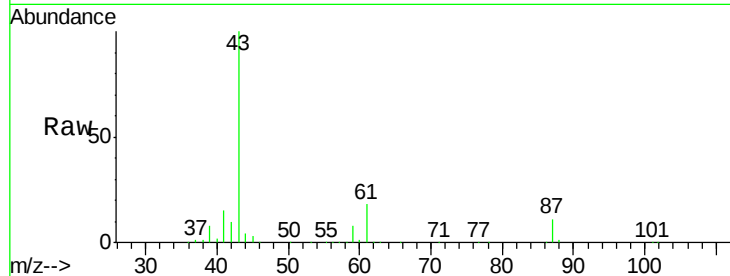
MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 293092

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	18.2	14.4	21.6

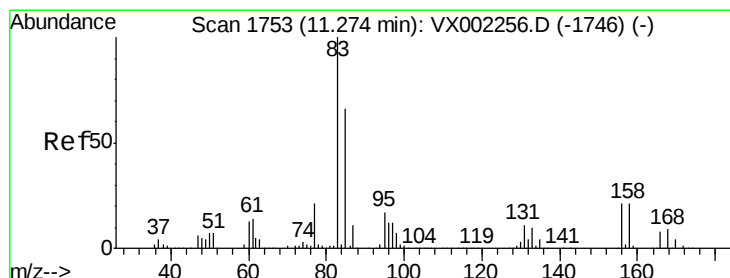
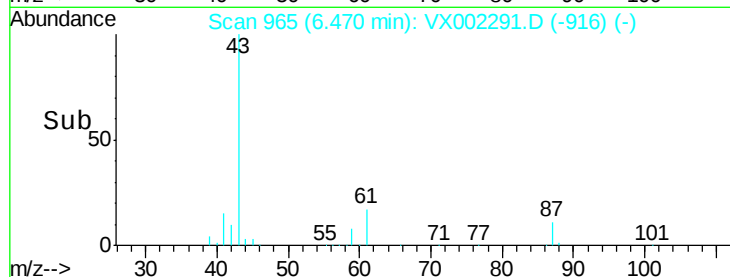
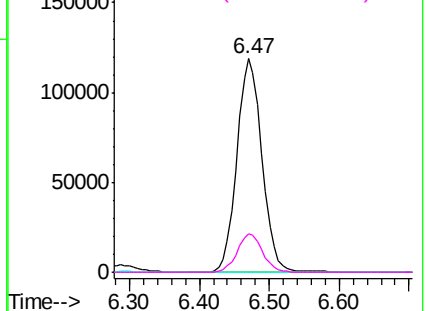


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 58.59 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

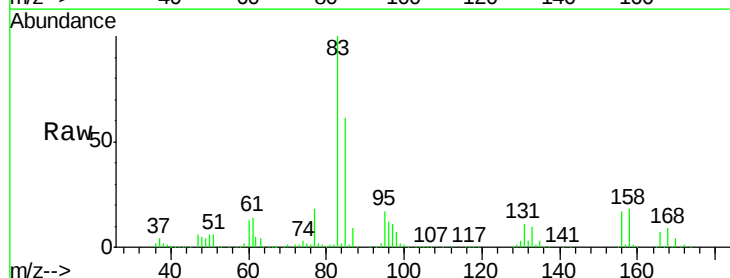
Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Tgt Ion: 83 Resp: 191636

Ion Ratio Lower Upper

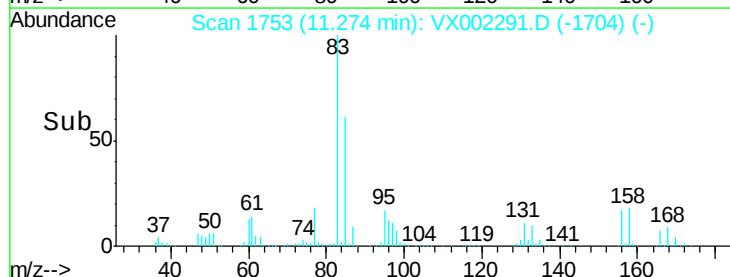
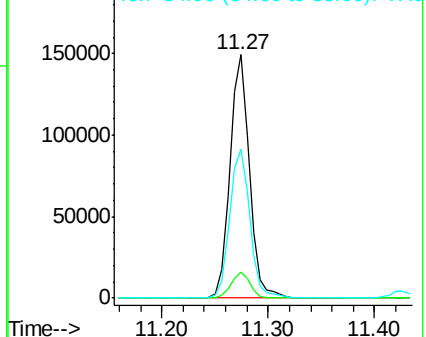
83	100		
131	10.6	5.6	16.8
85	63.6	32.4	97.2

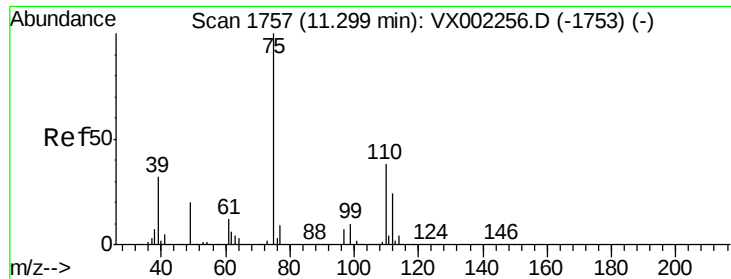


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 66.08 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

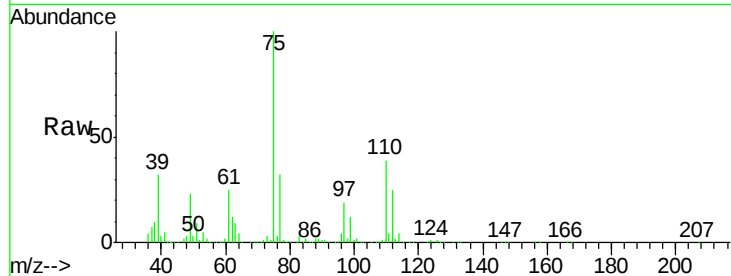
ClientSampleId :

Tot Ion: 75 Resp: 216750

Ion Ratio Lower Upper

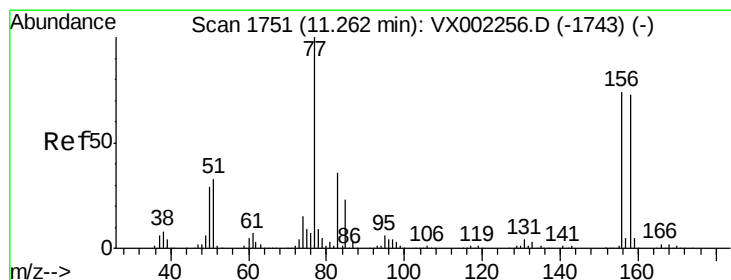
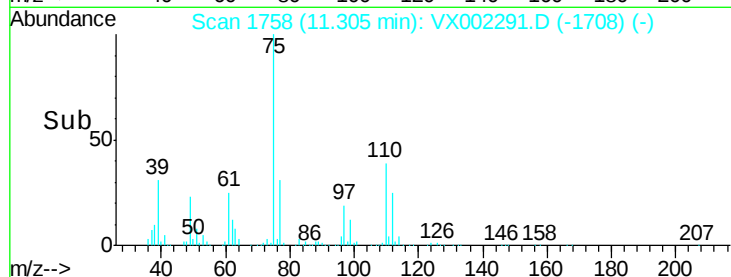
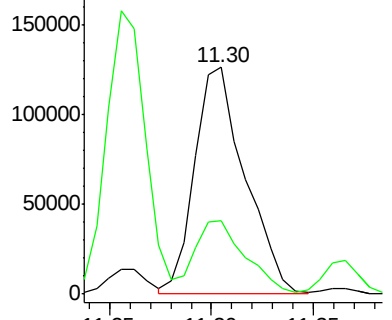
75 100

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: 51.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

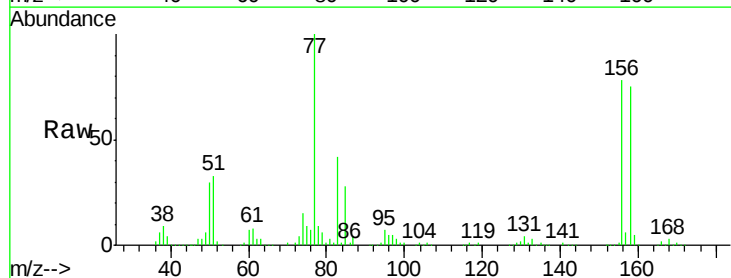
Tgt Ion: 156 Resp: 149848

Ion Ratio Lower Upper

156 100

77 139.6 71.4 214.2

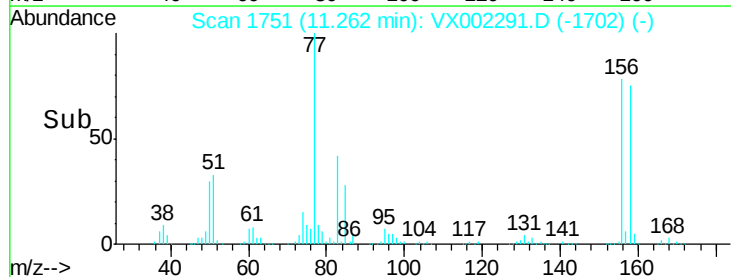
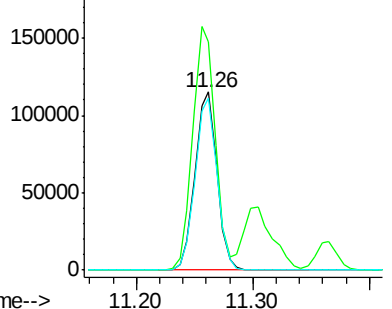
158 96.8 48.9 146.6

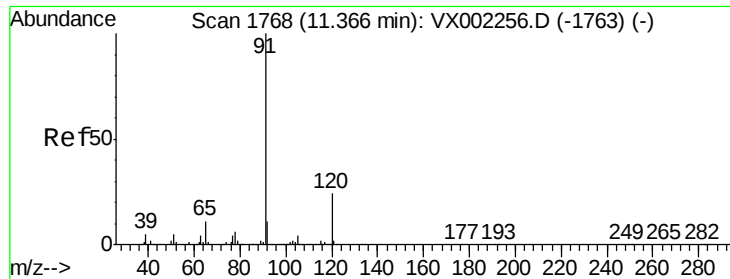


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.15 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

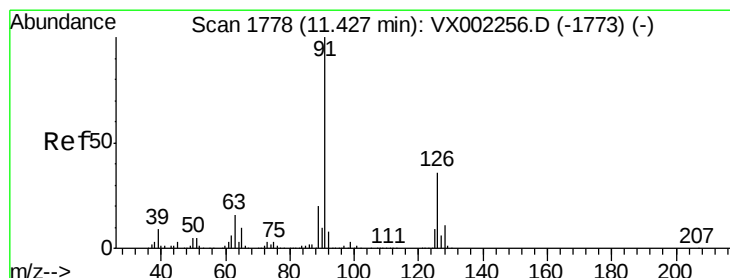
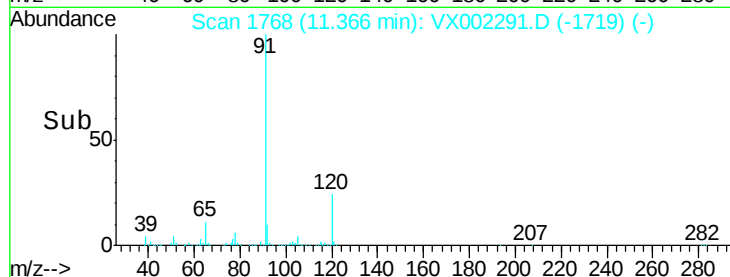
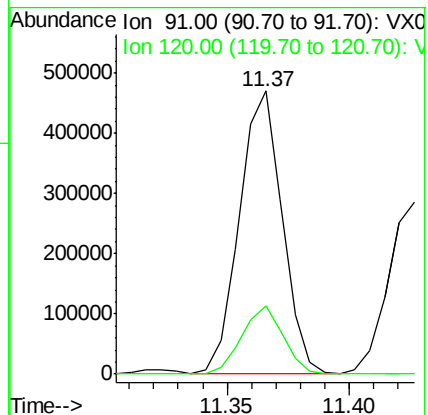
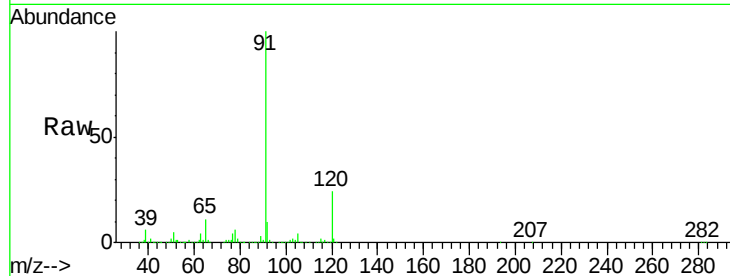
ClientSampled :

Tot Ion: 91 Resp: 568138

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 48.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002291.D

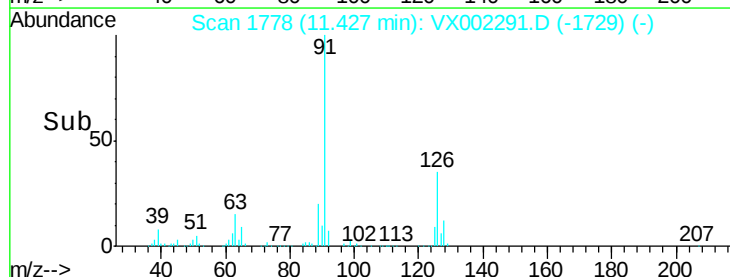
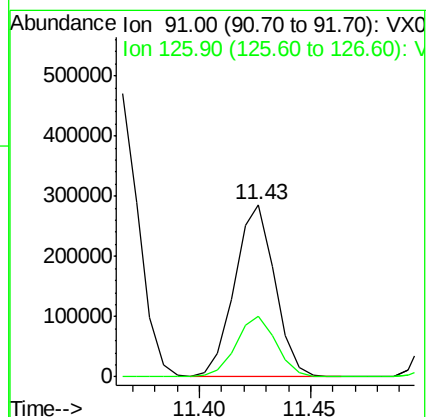
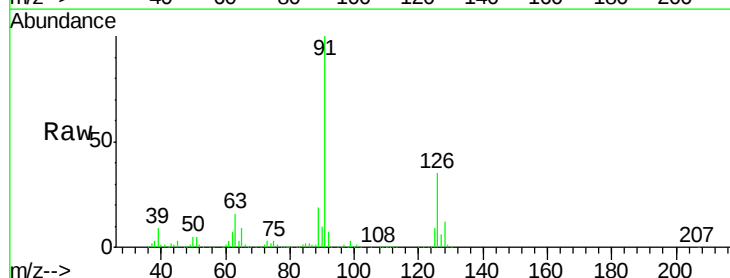
Acq: 05 Jun 2018 05:51

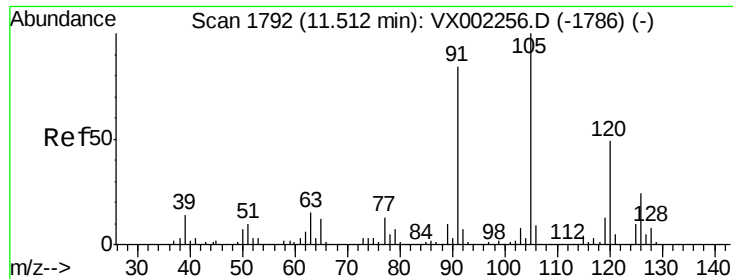
Tgt Ion: 91 Resp: 357071

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1

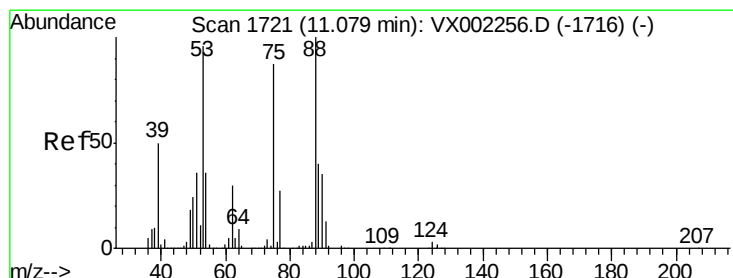
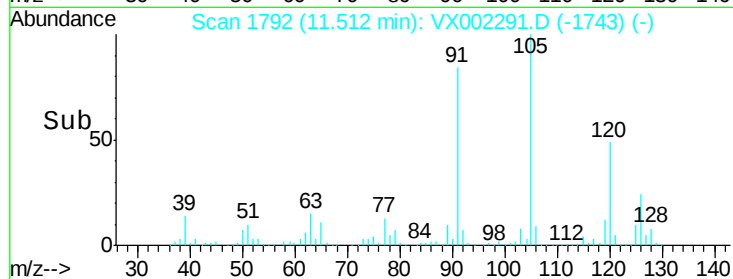
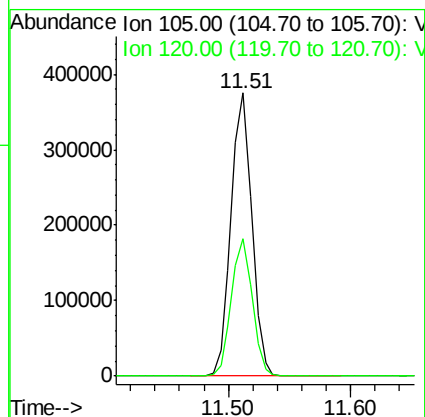
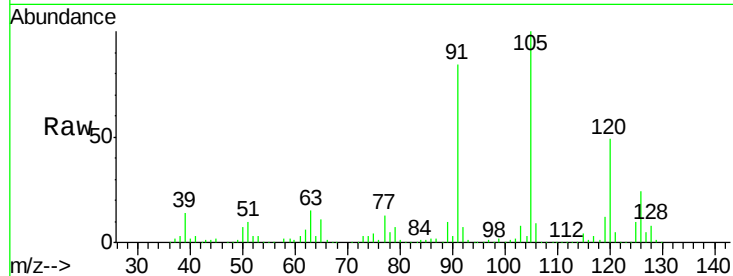




#80
 1,3,5-Trimethylbenzene
 Concen: 49.35 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

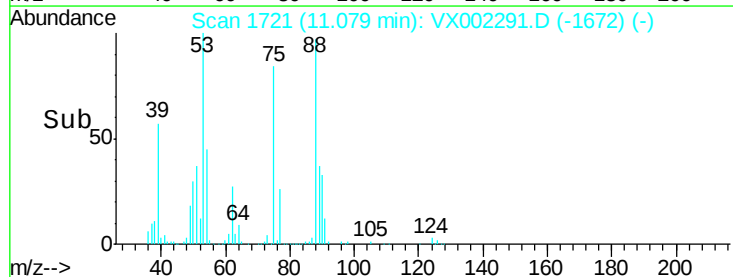
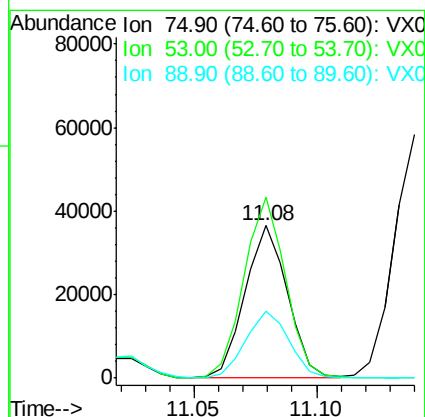
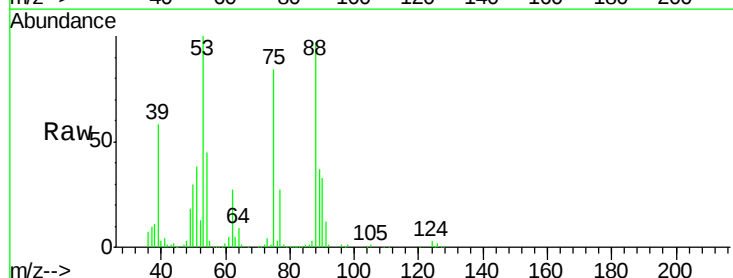
Instrument :
 MSVOA_X
 ClientSampled :

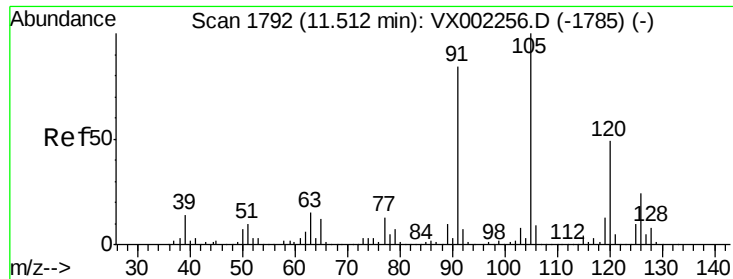
Tot Ion:105 Resp: 440196
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.95 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Tgt Ion: 75 Resp: 43939
 Ion Ratio Lower Upper
 75 100
 53 117.0 86.8 130.2
 89 45.5 38.2 57.2





#82

4-Chlorotoluene

Concen: 48.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

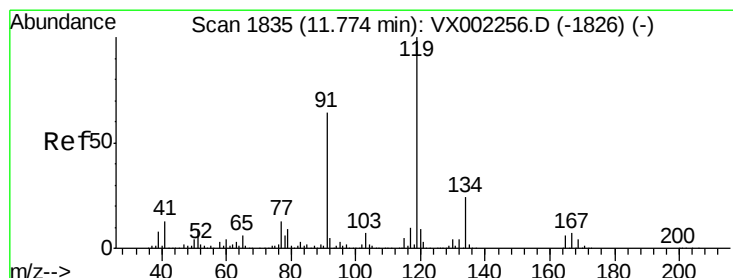
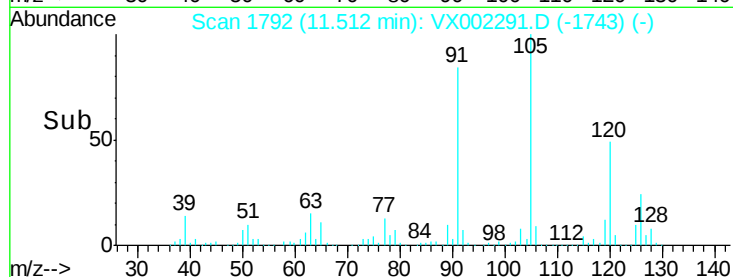
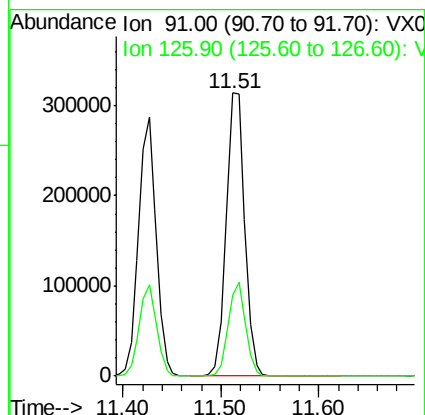
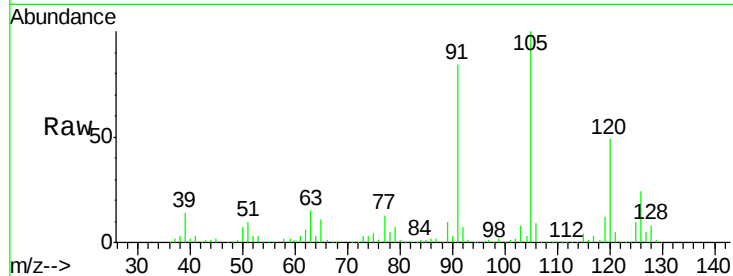
ClientSampleId :

Tot Ion: 91 Resp: 411365

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.4



#83

tert-Butylbenzene

Concen: 49.65 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

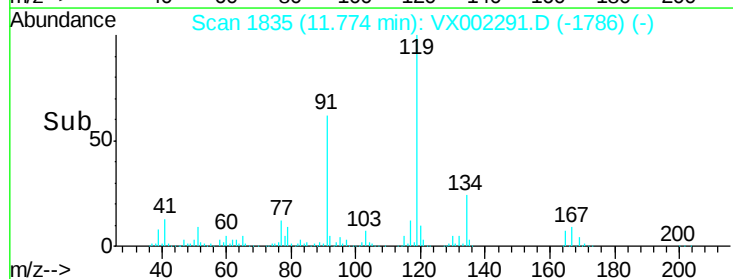
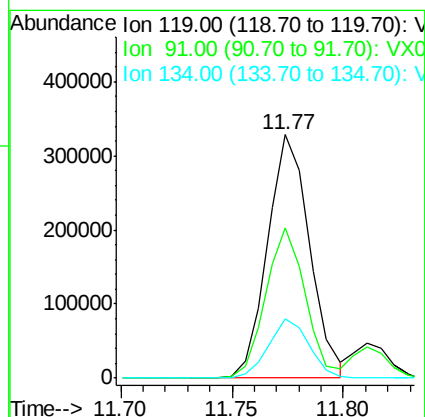
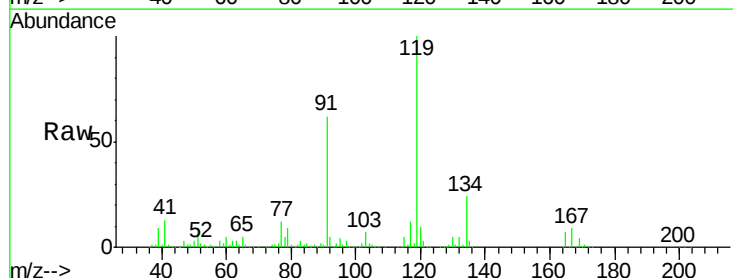
Tgt Ion: 119 Resp: 431285

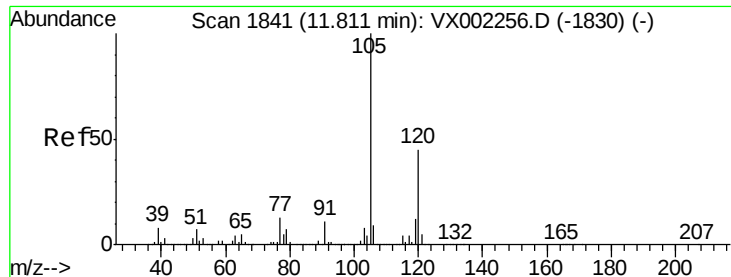
Ion Ratio Lower Upper

119 100

91 58.6 30.3 90.9

134 23.6 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.07 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

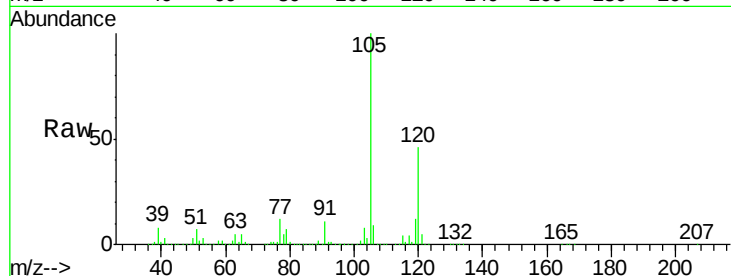
ClientSampleId :

Tot Ion:105 Resp: 459717

Ion Ratio Lower Upper

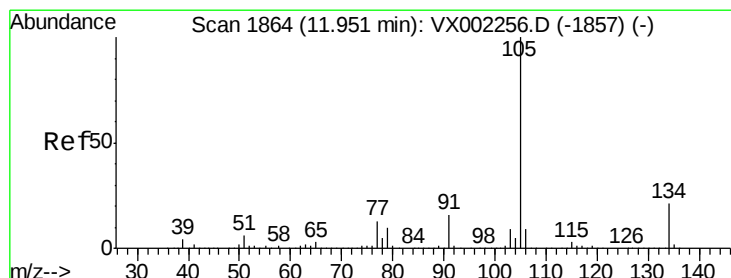
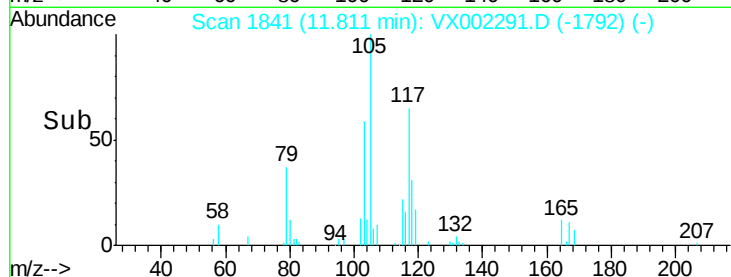
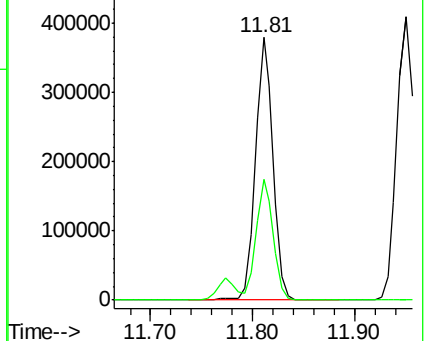
105 100

120 44.7 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: 48.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002291.D

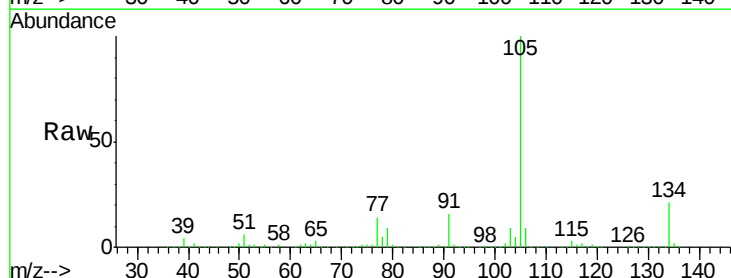
Acq: 05 Jun 2018 05:51

Tgt Ion:105 Resp: 498595

Ion Ratio Lower Upper

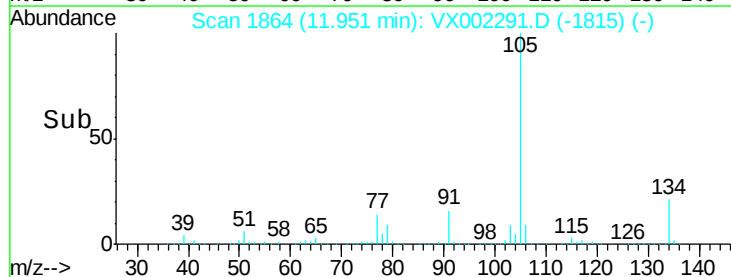
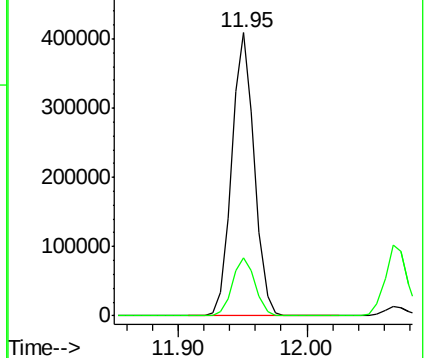
105 100

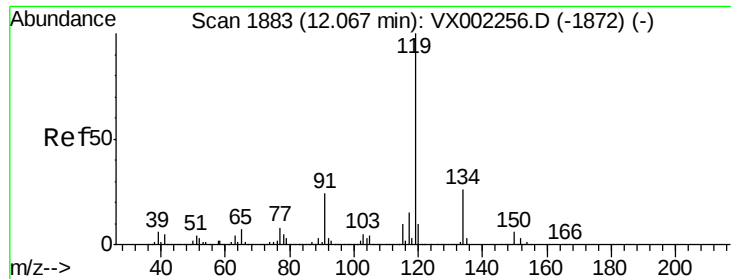
134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

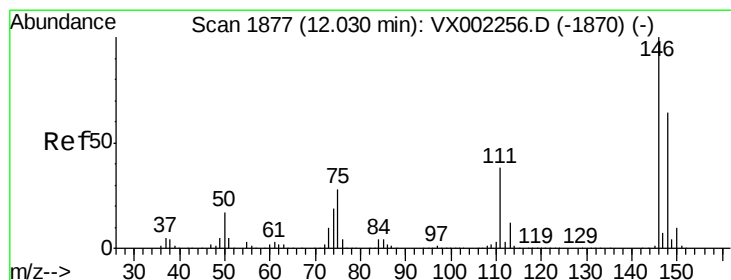
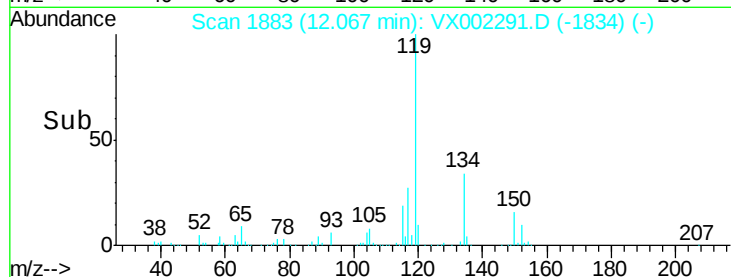
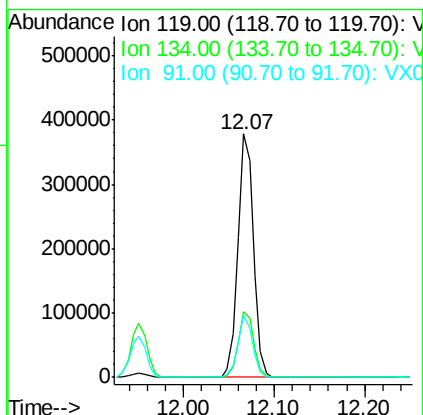
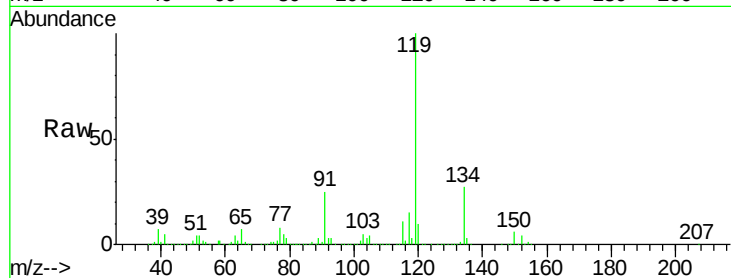




#86
p-Isopropyltoluene
Concen: 48.32 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

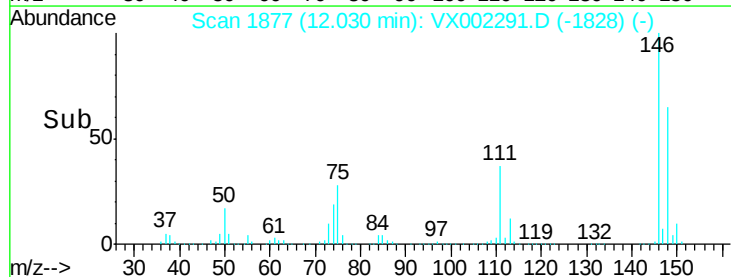
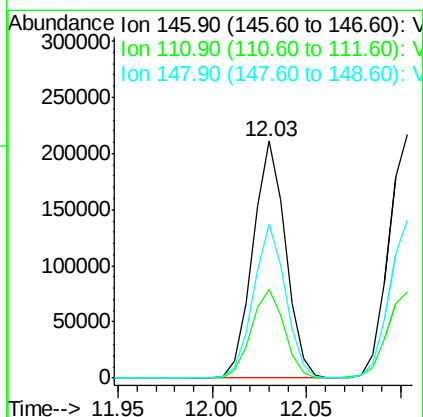
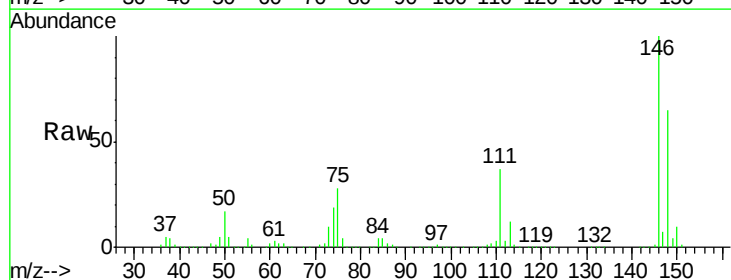
Instrument :
MSVOA_X
ClientSampled :

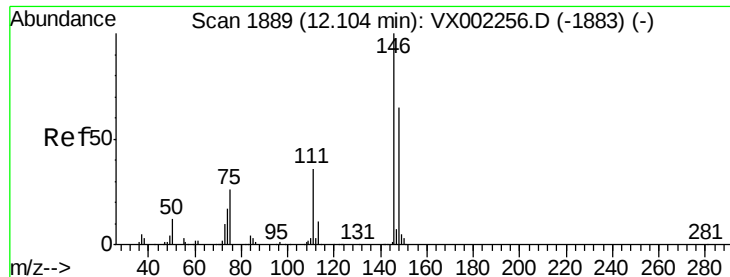
Tot Ion:119 Resp: 448149
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.1
91 24.1 11.9 35.7



#87
1,3-Dichlorobenzene
Concen: 48.66 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002291.D
Acq: 05 Jun 2018 05:51

Tgt Ion:146 Resp: 254018
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 63.9 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 48.72 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

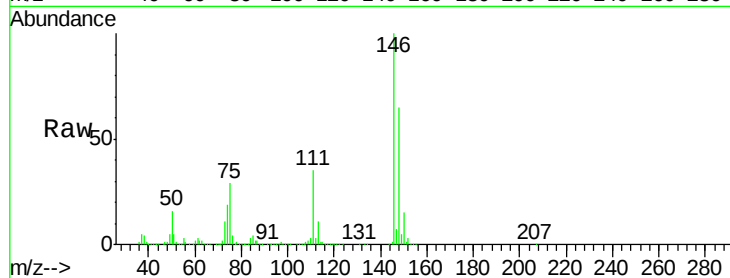
Tot Ion:146 Resp: 262173

Ion Ratio Lower Upper

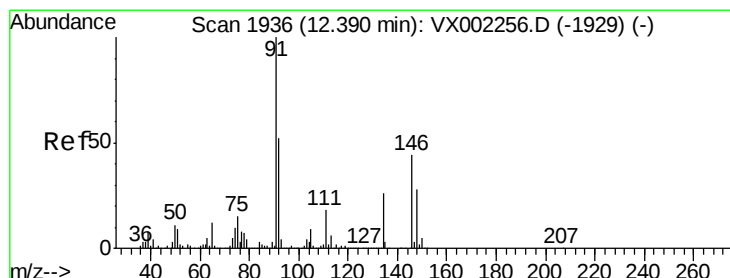
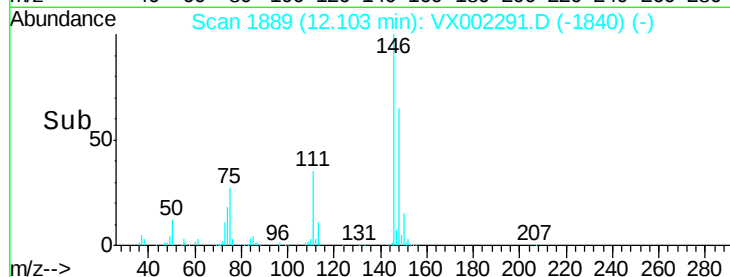
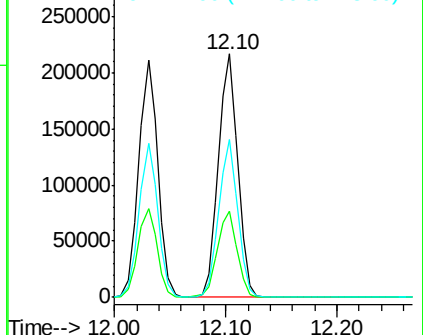
146 100

111 36.0 18.7 56.1

148 63.4 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: 45.62 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

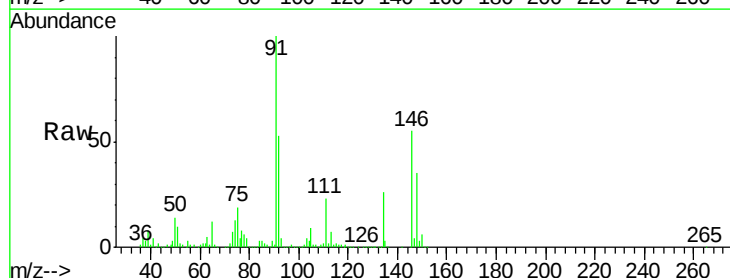
Tgt Ion: 91 Resp: 354894

Ion Ratio Lower Upper

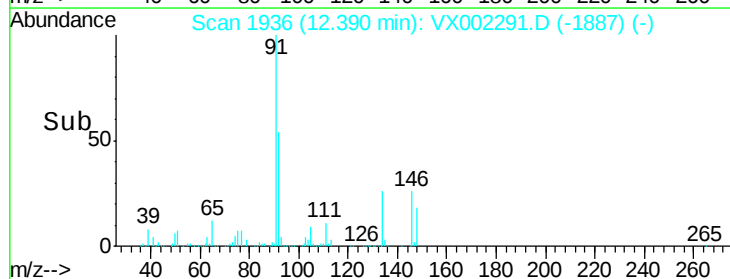
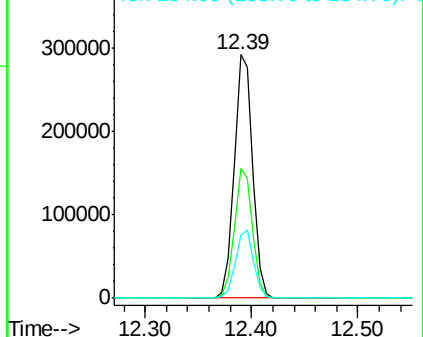
91 100

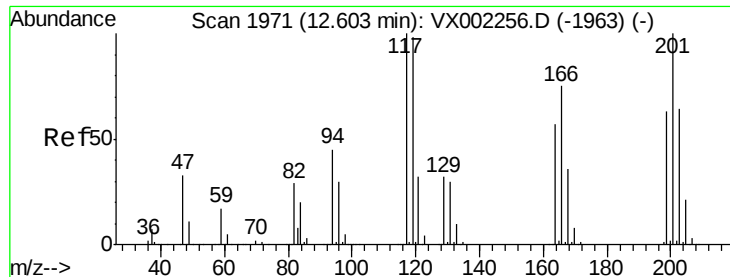
92 52.2 26.0 78.0

134 27.4 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 45.81 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

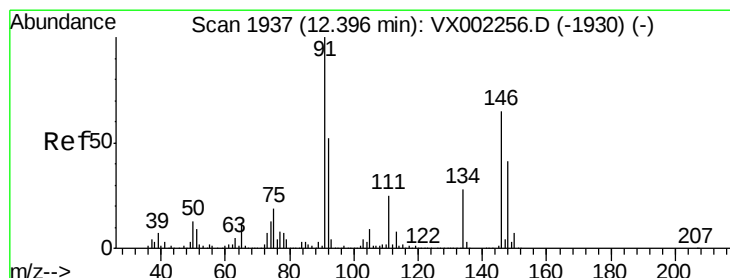
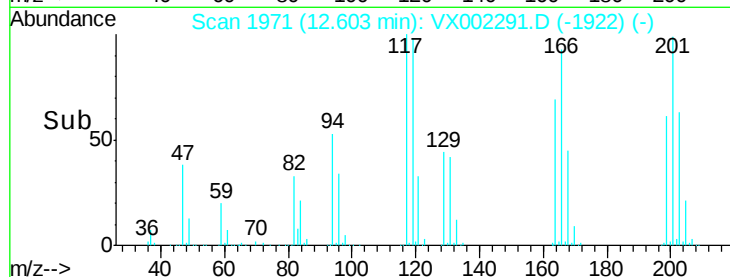
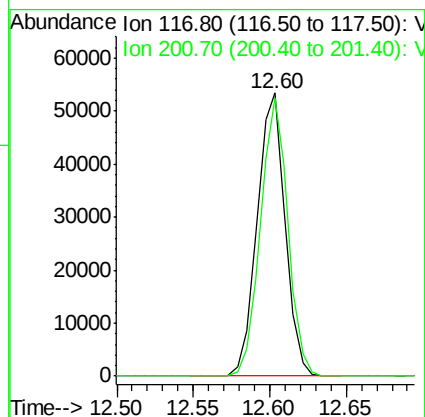
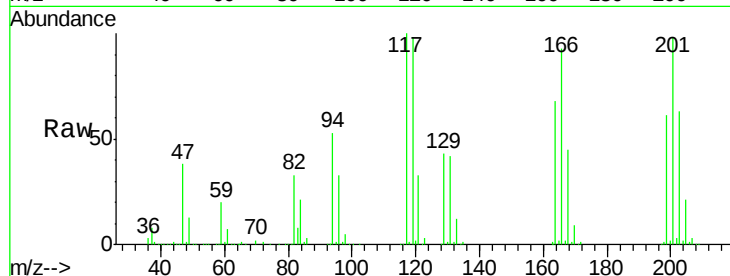
ClientSampled :

Tot Ion:117 Resp: 67828

Ion Ratio Lower Upper

117 100

201 96.6 49.0 147.0



#91

1,2-Dichlorobenzene

Concen: 51.05 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

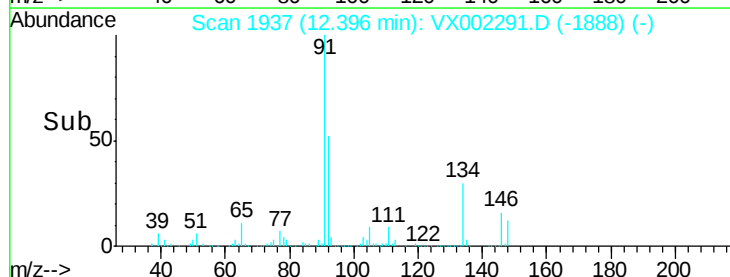
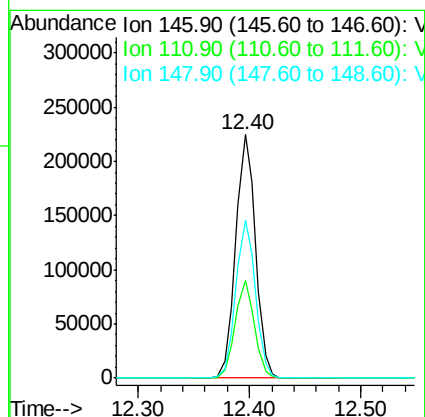
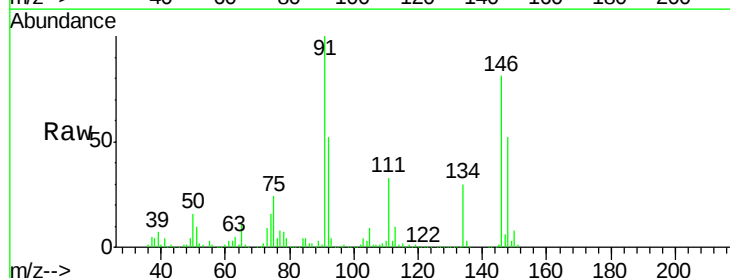
Tgt Ion:146 Resp: 275751

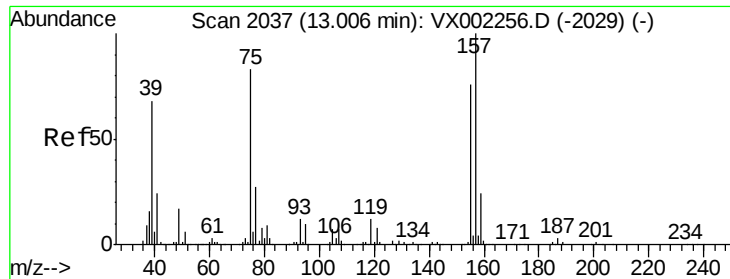
Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

148 64.3 31.7 95.1

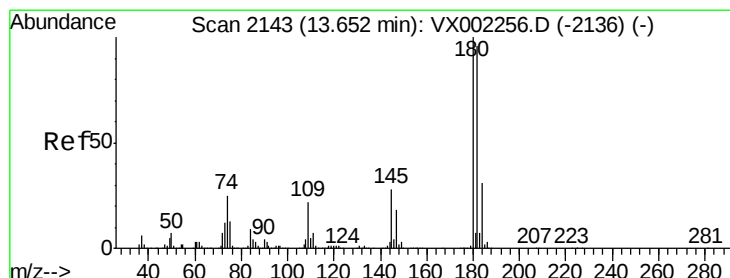
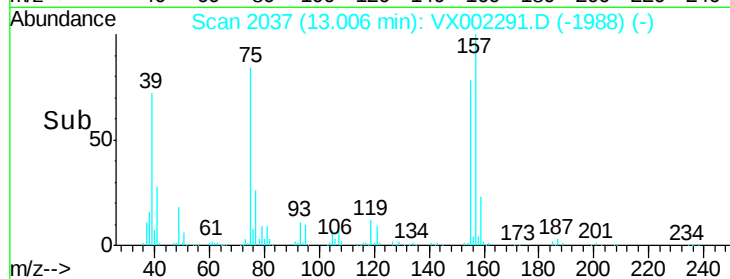
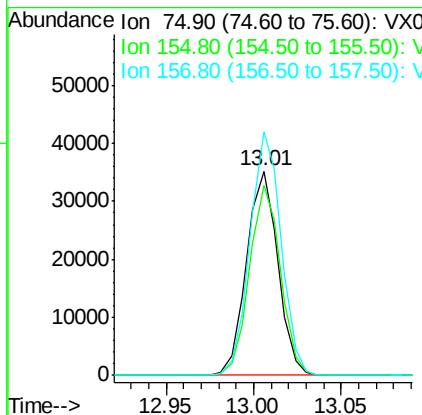
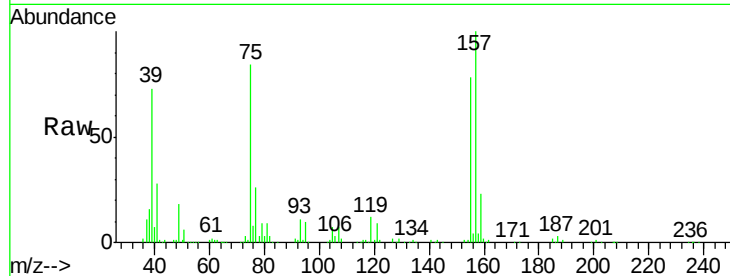




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.09 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

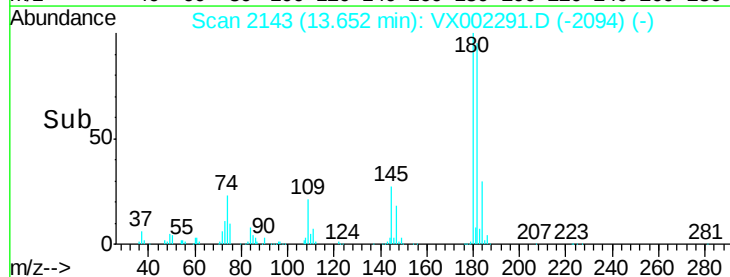
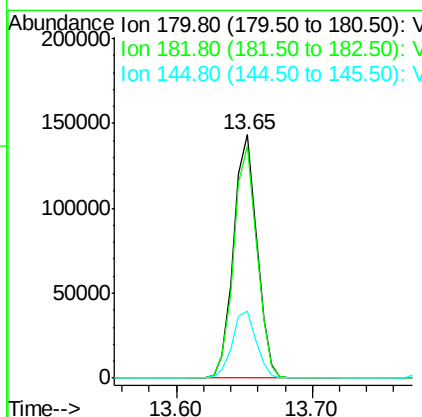
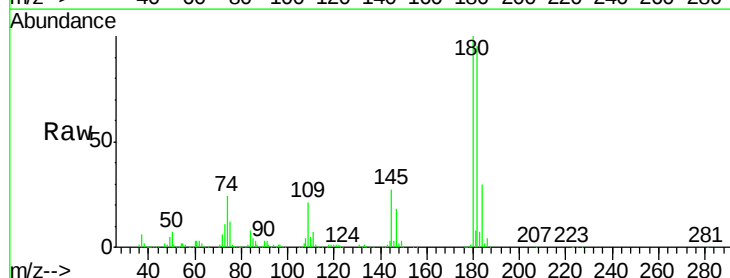
Instrument :
 MSVOA_X
 ClientSampleId :

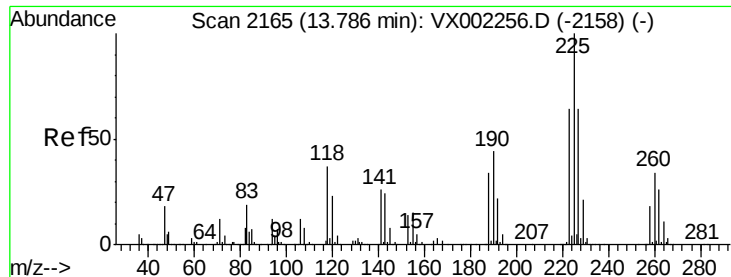
Tot Ion: 75 Resp: 43695
 Ion Ratio Lower Upper
 75 100
 155 92.3 45.8 137.4
 157 119.1 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 45.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Tgt Ion:180 Resp: 171792
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 28.0 14.1 42.4





#94

Hexachlorobutadiene

Concen: 41.14 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

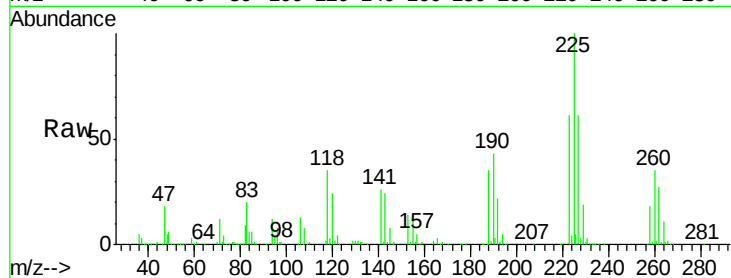
Tot Ion:225 Resp: 76982

Ion Ratio Lower Upper

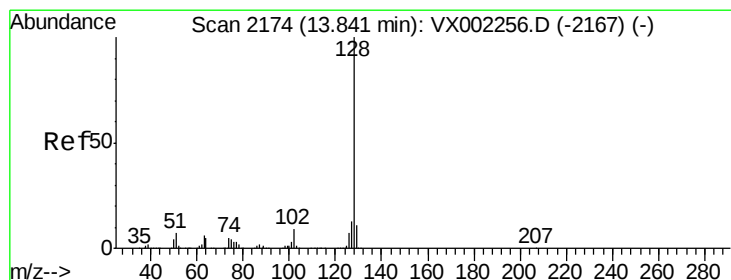
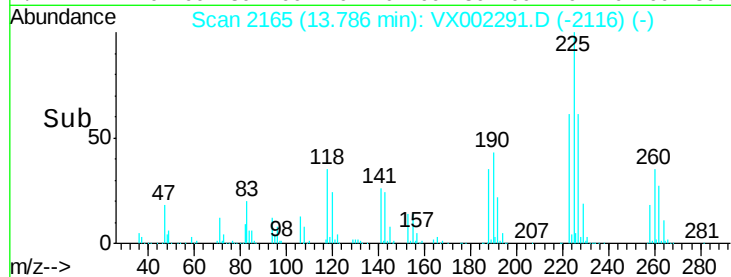
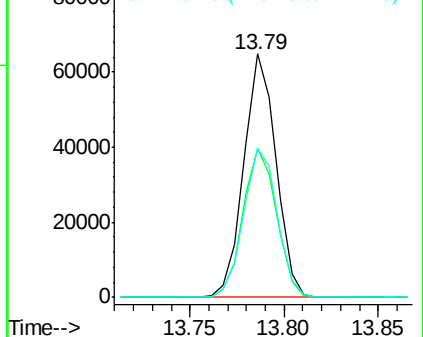
225 100

223 63.4 31.6 95.0

227 63.9 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 56.63 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002291.D

Acq: 05 Jun 2018 05:51

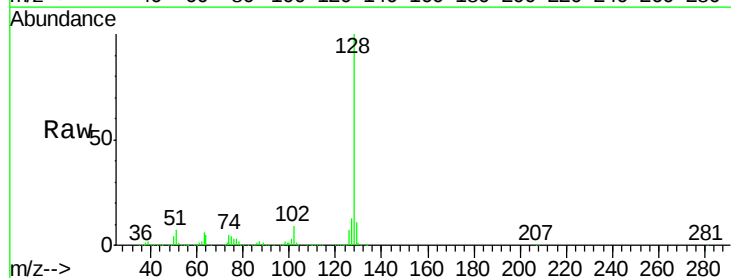
Tgt Ion:128 Resp: 616245

Ion Ratio Lower Upper

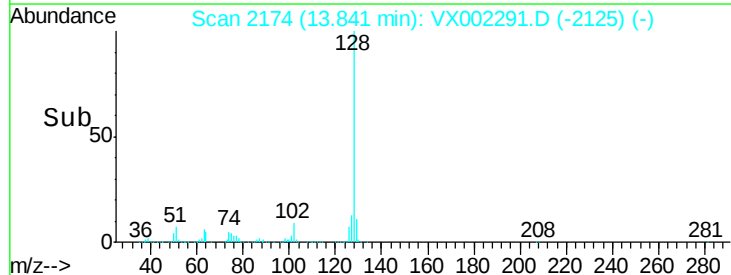
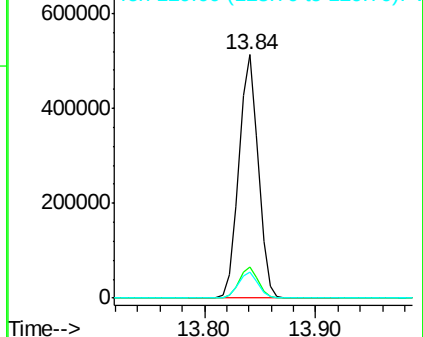
128 100

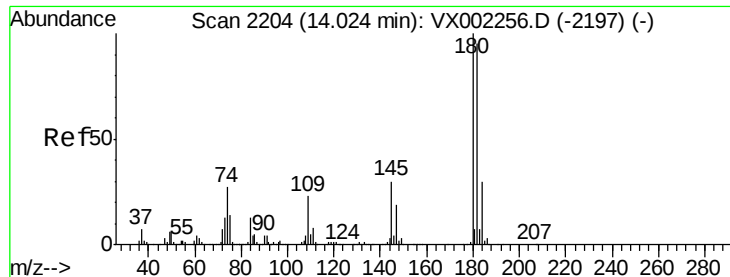
127 12.8 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 49.06 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002291.D
 Acq: 05 Jun 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	29.3	14.8	44.3

