

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002565.D
 Acq On : 14 Jun 2018 21:12
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:36:12 2018
 Quant Method : Z:\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	166057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148069	63.27	ug/l	0.00
Spiked Amount			Recovery	=	126.54%	
35) Dibromofluoromethane	5.51	113	111946	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	8.72	98	392710	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	160399	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44311	25.67	ug/l	100
3) Chloromethane	1.32	50	99202	50.16	ug/l	100
4) Vinyl Chloride	1.40	62	93831	43.13	ug/l	100
5) Bromomethane	1.64	94	68007	55.61	ug/l	99
6) Chloroethane	1.72	64	73808	52.45	ug/l	98
7) Trichlorofluoromethane	1.92	101	129473	39.06	ug/l	97
8) Diethyl Ether	2.19	74	84623	72.94	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61998	34.66	ug/l	100
10) Methyl Iodide	2.51	142	131694	52.34	ug/l	98
11) Tert butyl alcohol	3.09	59	165709	348.28	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82599	46.72	ug/l	98
13) Acrolein	2.29	56	30264	123.42	ug/l	99
14) Allyl chloride	2.73	41	209209	54.53	ug/l	99
15) Acrylonitrile	3.15	53	375563	376.51	ug/l	100
16) Acetone	2.45	43	344046	344.10	ug/l	100
17) Carbon Disulfide	2.57	76	174054	37.36	ug/l	99
18) Methyl Acetate	2.78	43	189253	81.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	460246	76.01	ug/l	100
20) Methylene Chloride	2.86	84	128286	69.40	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104271	53.49	ug/l	96
22) Diisopropyl ether	3.88	45	422215	66.36	ug/l	98
23) Vinyl Acetate	3.83	43	1867310	300.25	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209528	55.26	ug/l	99
25) 2-Butanone	4.71	43	493553	303.13	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123534	41.68	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	123694	58.34	ug/l	93
28) Bromochloromethane	5.02	49	109871	69.52	ug/l	98
29) Tetrahydrofuran	5.17	42	319254	304.12	ug/l	98
30) Chloroform	5.22	83	217995	59.58	ug/l	99
31) Cyclohexane	5.57	56	96351	32.14	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	159439	51.38	ug/l	100
36) 1,1-Dichloropropene	5.81	75	120223	39.53	ug/l	99
37) Ethyl Acetate	4.87	43	198896	54.38	ug/l	100
38) Carbon Tetrachloride	5.78	117	123160	38.71	ug/l	94

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Quant Time: Jun 15 01:36:12 2018
 Quant Method : Z:\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)

39) Methylcyclohexane	7.46	83	87314	23.38	ug/l	97
40) Benzene	6.15	78	445419	47.77	ug/l	100
41) Methacrylonitrile	5.07	41	111903	53.45	ug/l	99
42) 1,2-Dichloroethane	6.20	62	193418	52.21	ug/l	100
43) Isopropyl Acetate	6.47	43	334833	53.90	ug/l	99
44) Trichloroethene	7.22	130	119197	46.06	ug/l	99
45) 1,2-Dichloropropane	7.52	63	127083	50.48	ug/l	100
46) Dibromomethane	7.67	93	89925	52.69	ug/l	99
47) Bromodichloromethane	7.90	83	163918	53.11	ug/l	99
48) Methyl methacrylate	7.78	41	170864	54.76	ug/l	98
49) 1,4-Dioxane	7.76	88	57868	991.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1088851	281.46	ug/l	99
52) Toluene	8.79	92	286328	48.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	192714	52.07	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	181514	51.98	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	135044	55.36	ug/l	99
56) Ethyl methacrylate	9.18	69	215924	55.45	ug/l	99
57) 1,3-Dichloropropane	9.38	76	221907	54.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	519039	287.97	ug/l	99
59) 2-Hexanone	9.50	43	824202	275.83	ug/l	99
60) Dibromochloromethane	9.59	129	137982	56.24	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141633	55.69	ug/l	99
64) Tetrachloroethene	9.34	164	125663	41.63	ug/l	99
65) Chlorobenzene	10.14	112	349800	48.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134487	51.00	ug/l	100
67) Ethyl Benzene	10.26	91	560962	46.02	ug/l	99
68) m/p-Xylenes	10.36	106	431965	91.17	ug/l	99
69) o-Xylene	10.70	106	225699	47.87	ug/l	98
70) Styrene	10.71	104	387381	50.26	ug/l	99
71) Bromoform	10.86	173	109439	46.59	ug/l	98
73) Isopropylbenzene	11.02	105	552674	42.46	ug/l	100
74) N-amyl acetate	6.47	43	334833	47.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209173	51.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	237831	57.93	ug/l	80
77) Bromobenzene	11.26	156	176129	48.20	ug/l	98
78) n-propylbenzene	11.37	91	621160	42.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	406424	44.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	486113	43.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52541	44.86	ug/l	96
82) 4-Chlorotoluene	11.51	91	480579	45.58	ug/l	99
83) tert-Butylbenzene	11.77	119	460695	42.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	519948	45.24	ug/l	99
85) sec-Butylbenzene	11.95	105	523263	41.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	486685	41.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	309241	47.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	313758	46.59	ug/l	100
89) n-Butylbenzene	12.39	91	400270	41.11	ug/l	99
90) Hexachloroethane	12.60	117	77565	41.86	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	326734	48.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46846	52.33	ug/l	99

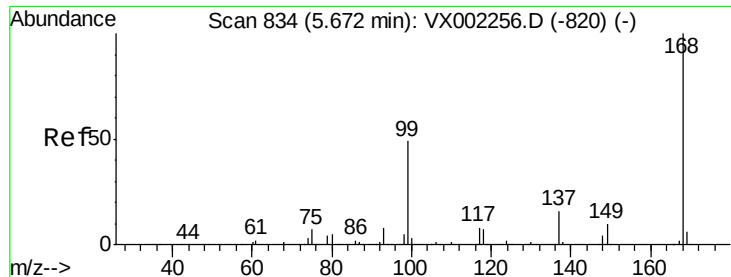
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	227071	47.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	85870	36.66	ug/l	99
95) Naphthalene	13.84	128	711899	52.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	239049	49.45	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

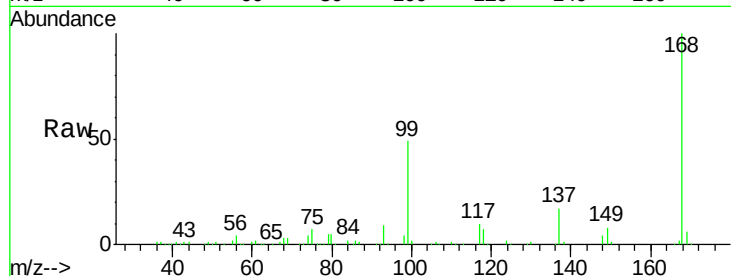
ClientSampleId :

Tot Ion:168 Resp: 166057

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

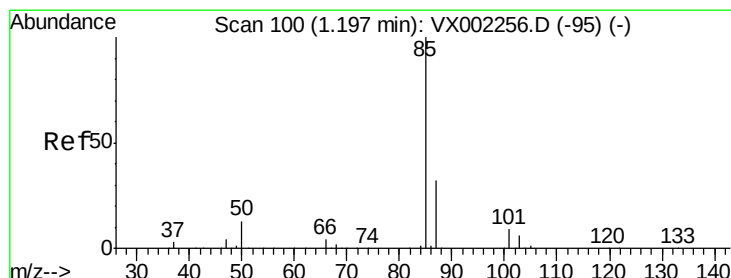
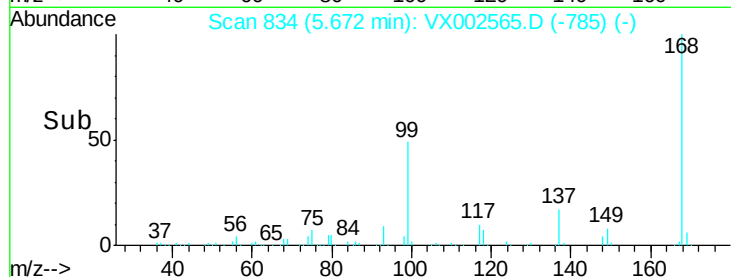
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 25.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002565.D

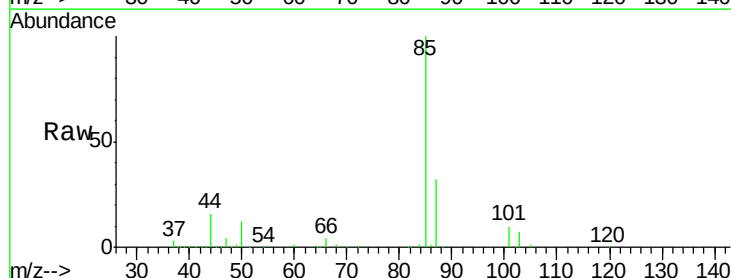
Acq: 14 Jun 2018 21:12

Tgt Ion: 85 Resp: 44311

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

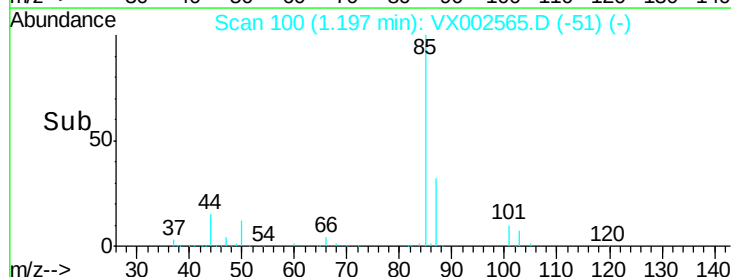
20000

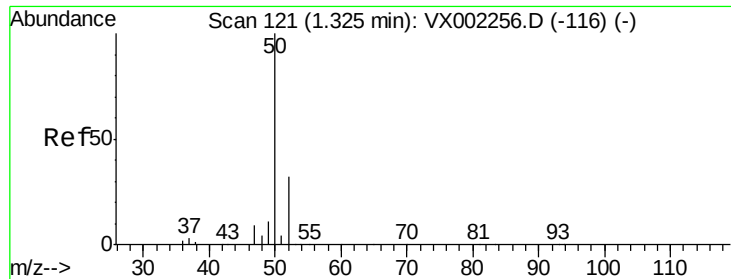
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

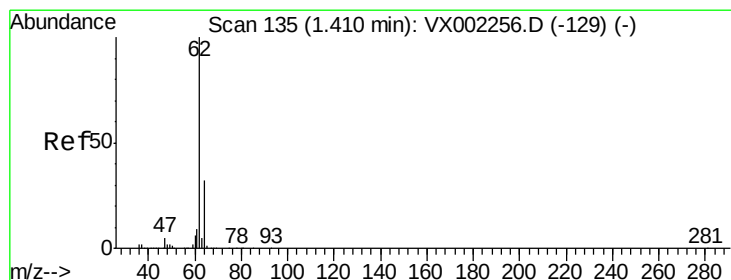
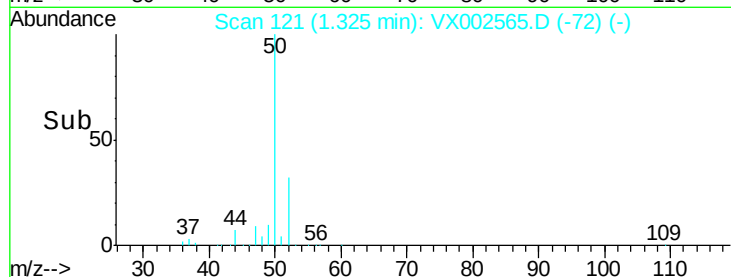
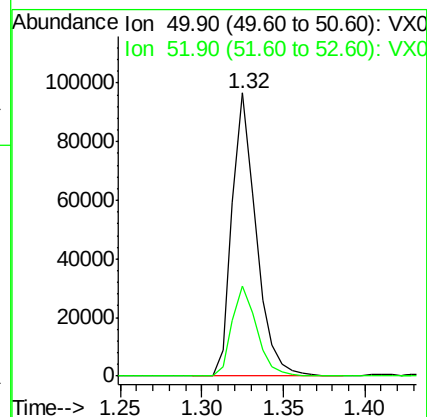
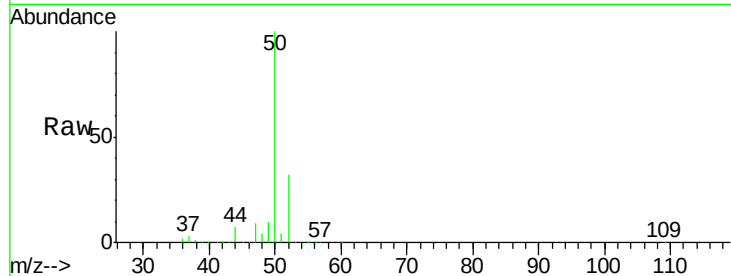
ClientSampled :

Tot Ion: 50 Resp: 99202

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5



#4

Vinyl Chloride

Concen: 43.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002565.D

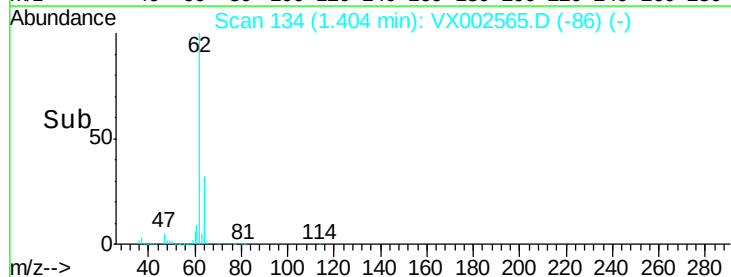
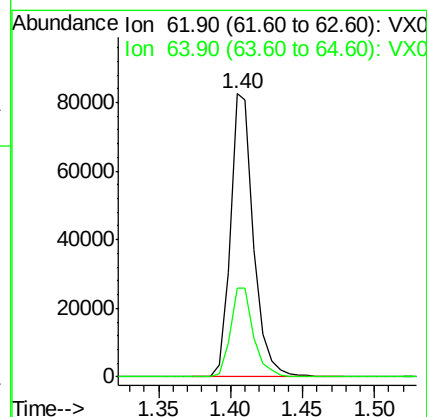
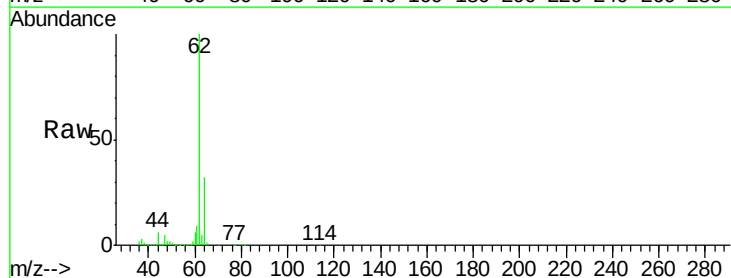
Acq: 14 Jun 2018 21:12

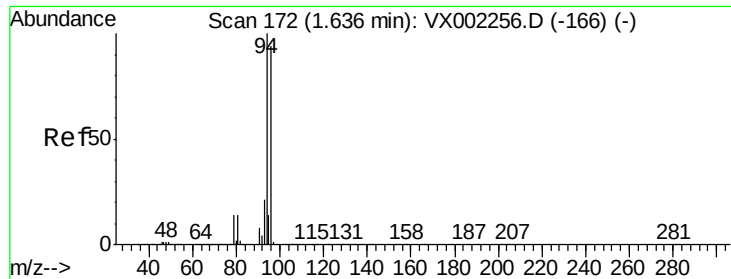
Tgt Ion: 62 Resp: 93831

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 55.61 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

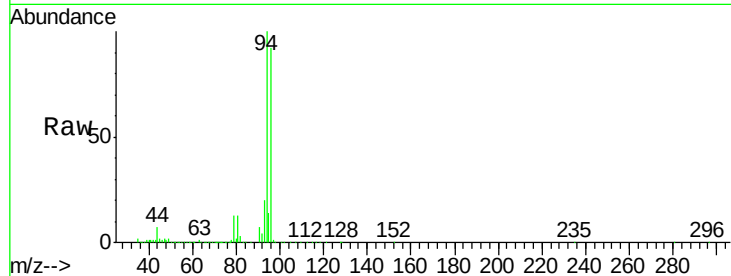
ClientSampleId :

Tot Ion: 94 Resp: 68007

Ion Ratio Lower Upper

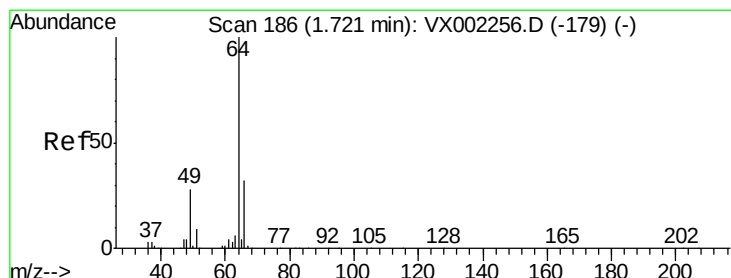
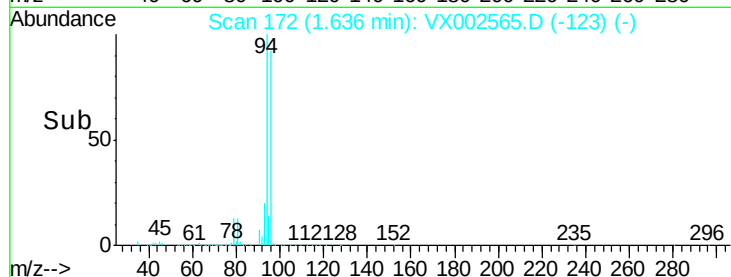
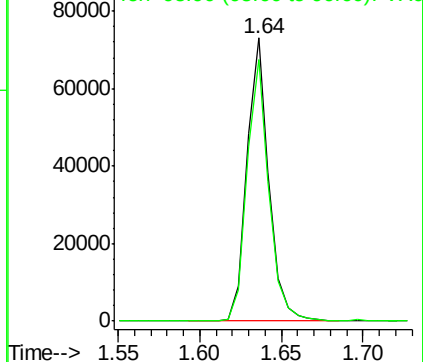
94 100

96 92.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.45 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002565.D

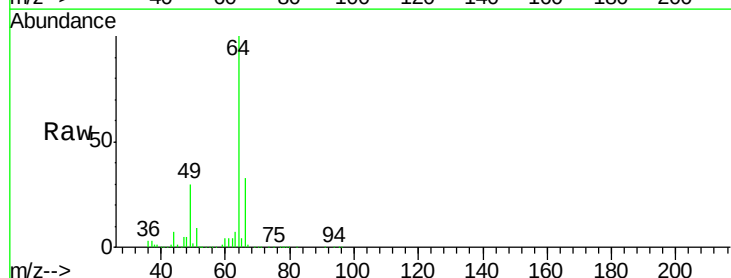
Acq: 14 Jun 2018 21:12

Tgt Ion: 64 Resp: 73808

Ion Ratio Lower Upper

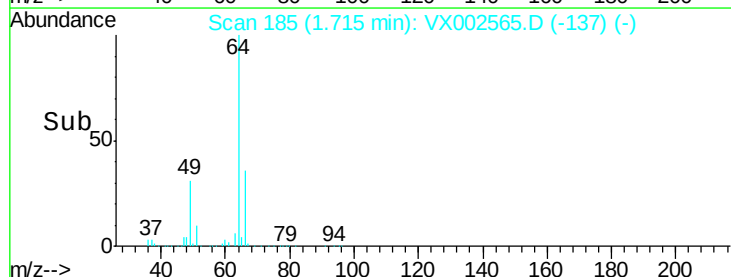
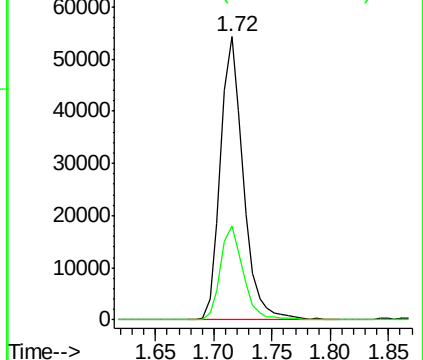
64 100

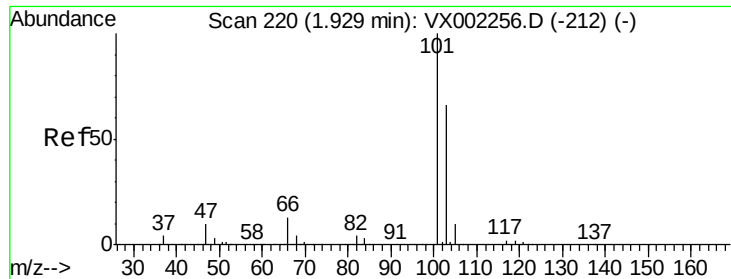
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



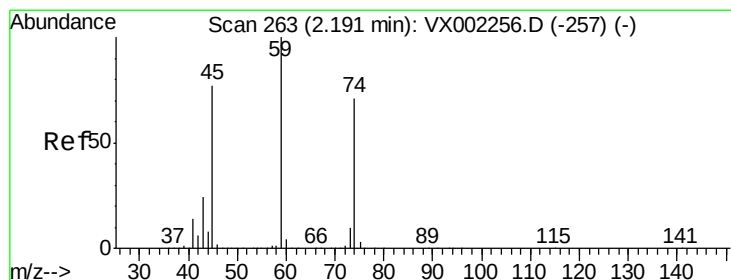
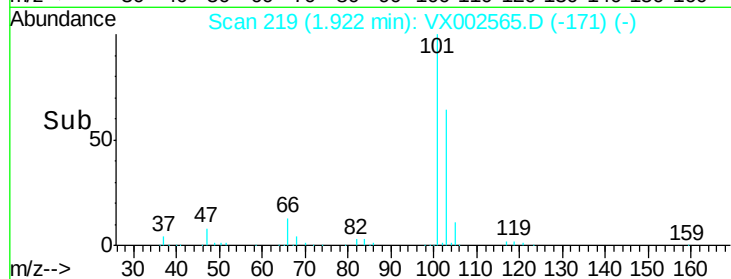
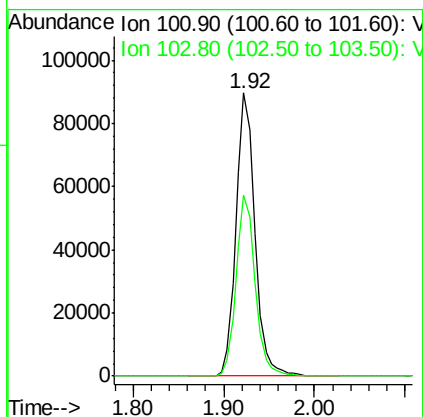
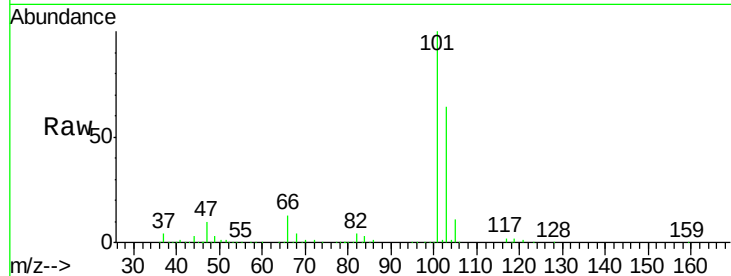


#7

Trichlorofluoromethane
 Concen: 39.06 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :

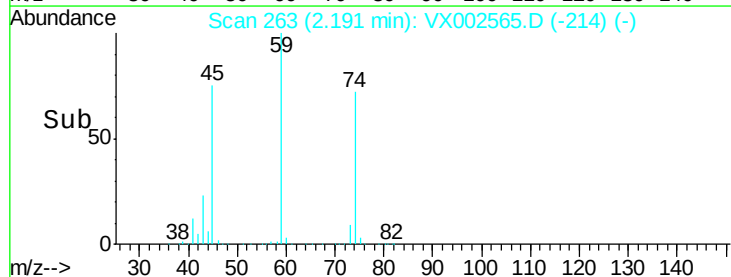
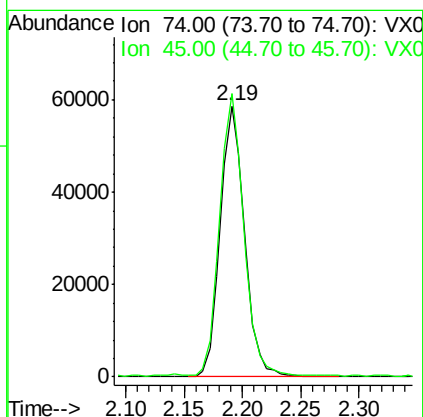
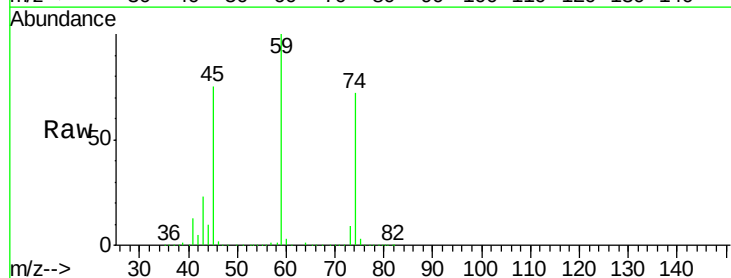
Tot Ion:101 Resp: 129473
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.8 79.2

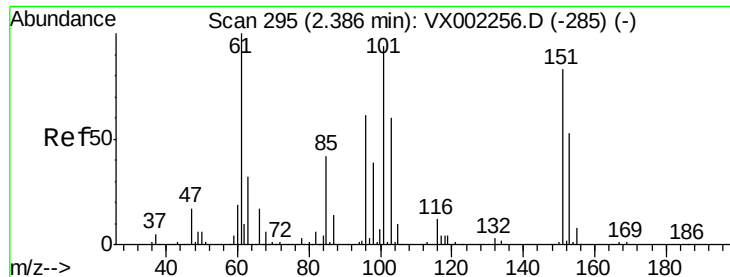


#8

Diethyl Ether
 Concen: 72.94 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 74 Resp: 84623
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.66 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

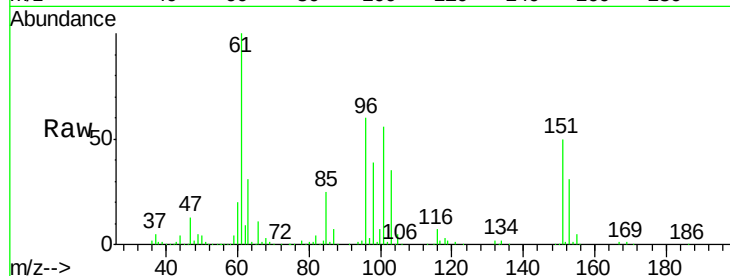
Tot Ion:101 Resp: 61998

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

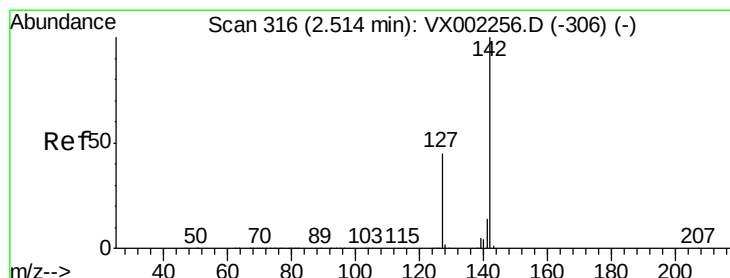
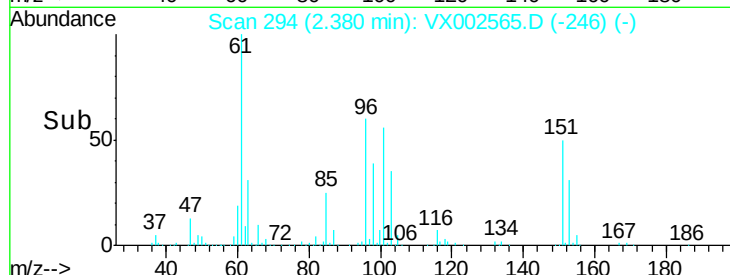
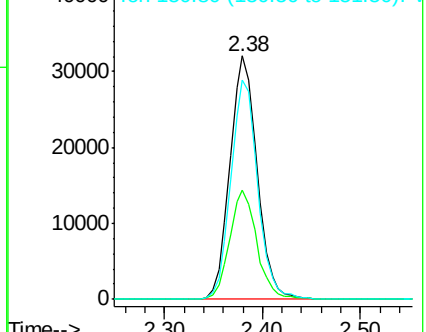
151 88.8 70.9 106.3



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: 52.34 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

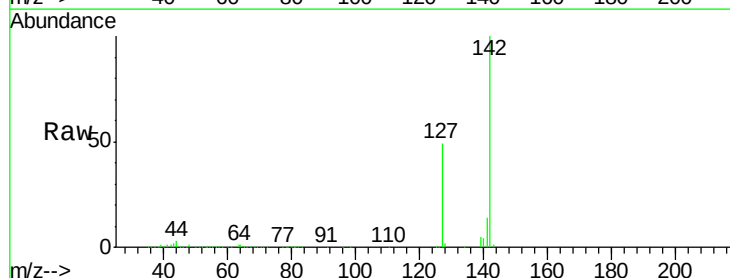
Tgt Ion:142 Resp: 131694

Ion Ratio Lower Upper

142 100

127 47.3 36.6 55.0

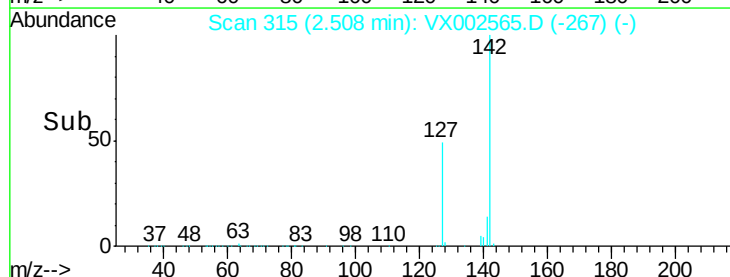
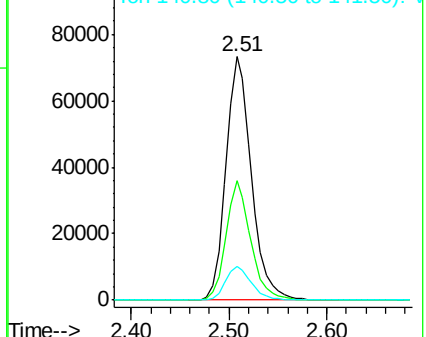
141 14.2 11.3 16.9

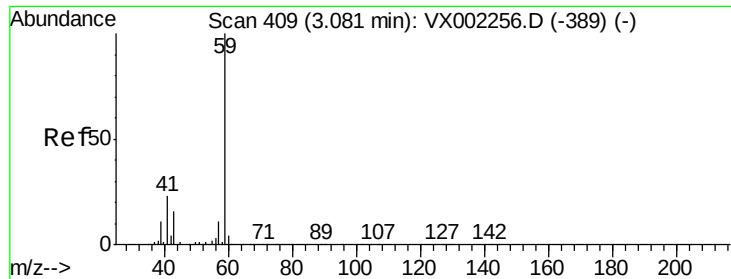


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



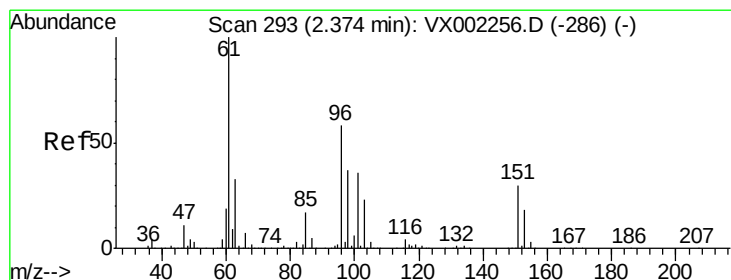
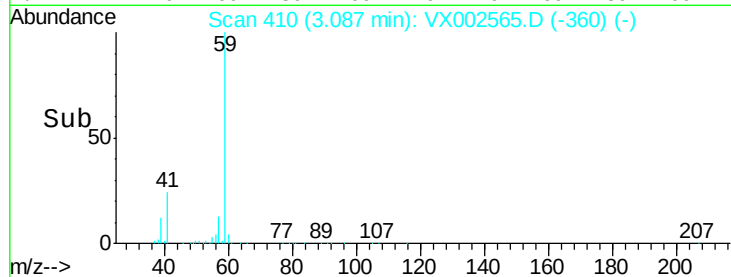
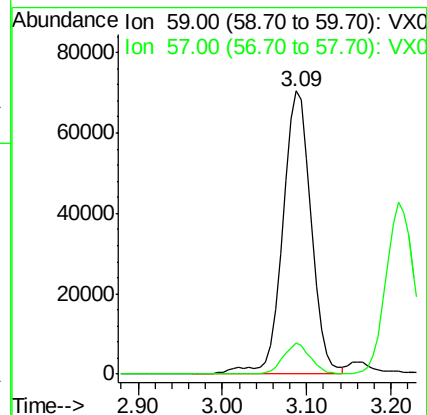
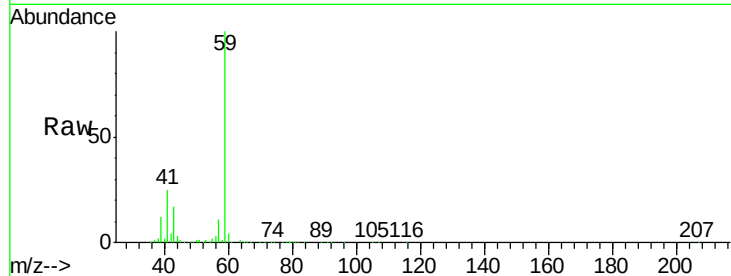


#11

Tert butyl alcohol
Concen: 348.28 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :

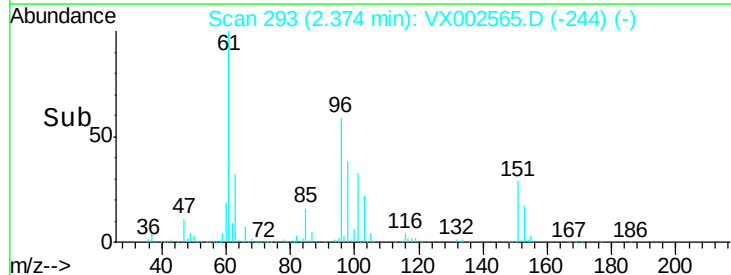
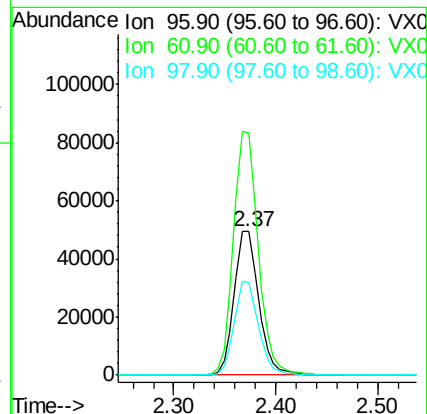
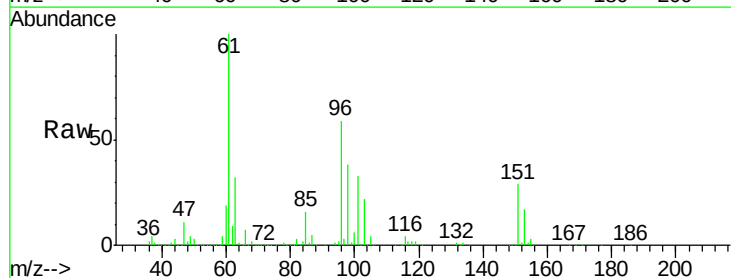
Tot Ion: 59 Resp: 165709
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

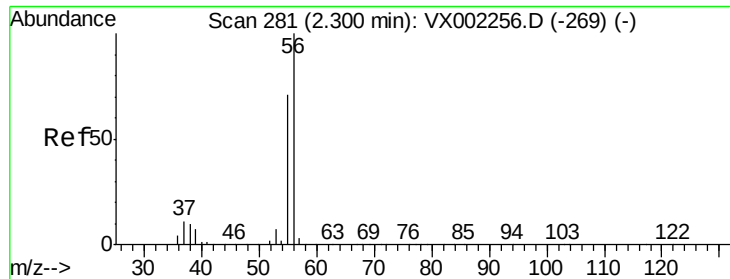


#12

1,1-Dichloroethene
Concen: 46.72 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion: 96 Resp: 82599
Ion Ratio Lower Upper
96 100
61 168.5 137.9 206.9
98 64.0 51.6 77.4





#13

Acrolein

Concen: 123.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

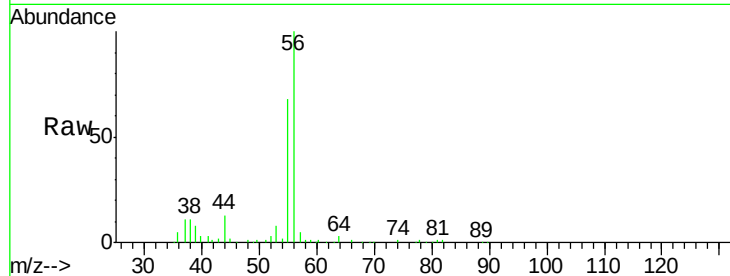
ClientSampleId :

Tot Ion: 56 Resp: 30264

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

5000

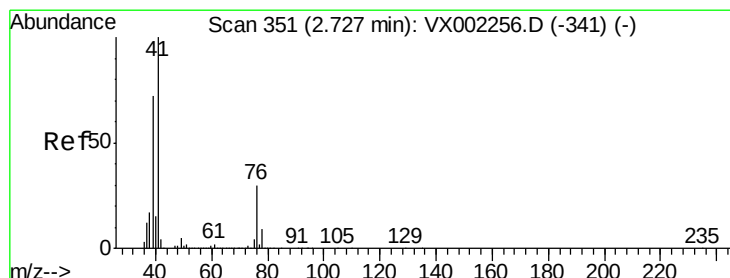
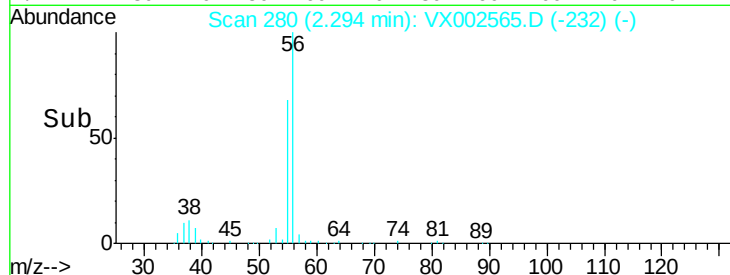
0

Time-->

2.25

2.30

2.35



#14

Allyl chloride

Concen: 54.53 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

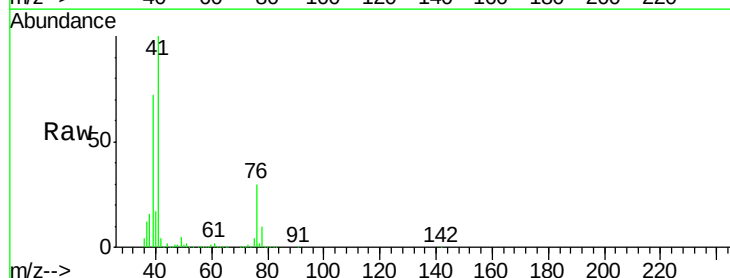
Tgt Ion: 41 Resp: 209209

Ion Ratio Lower Upper

41 100

39 71.3 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

150000

100000

50000

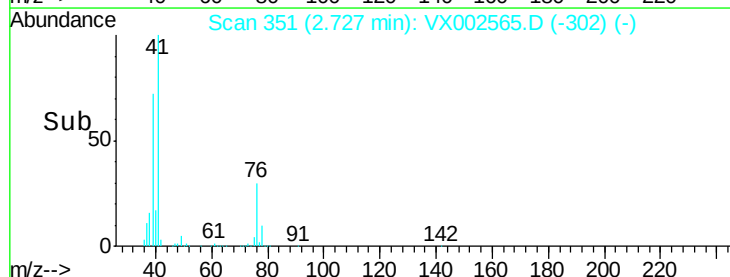
0

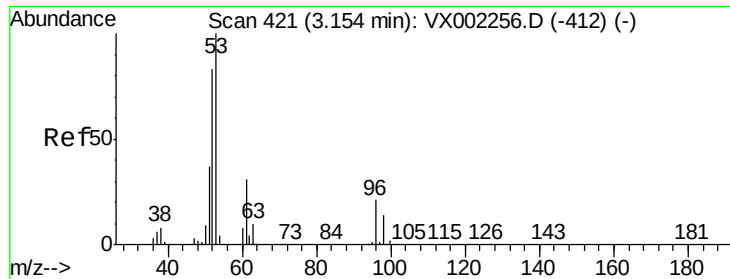
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 376.51 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampled :

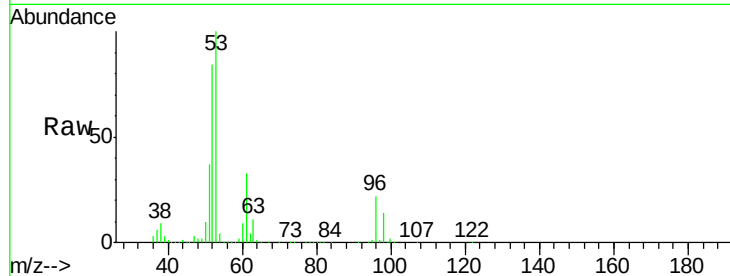
Tot Ion: 53 Resp: 375563

Ion Ratio Lower Upper

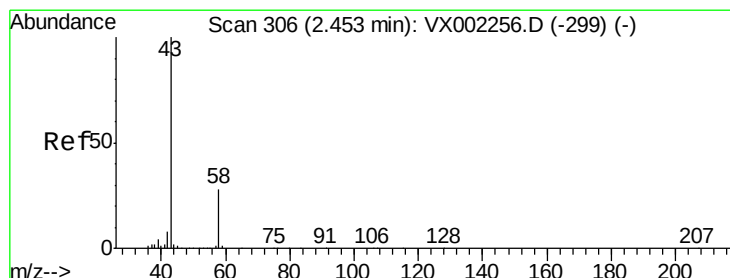
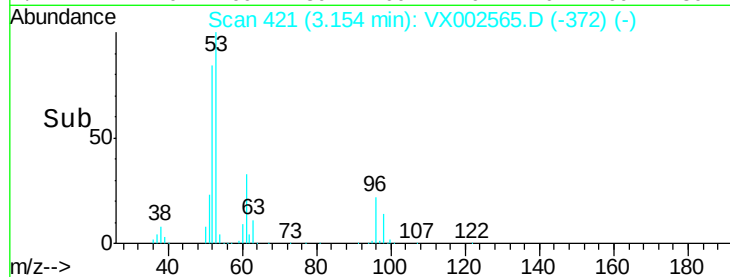
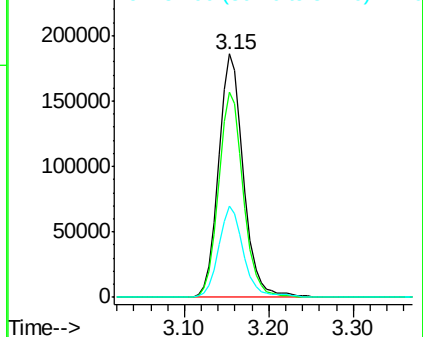
53 100

52 83.8 66.7 100.1

51 37.6 29.9 44.9



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



#16

Acetone

Concen: 344.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002565.D

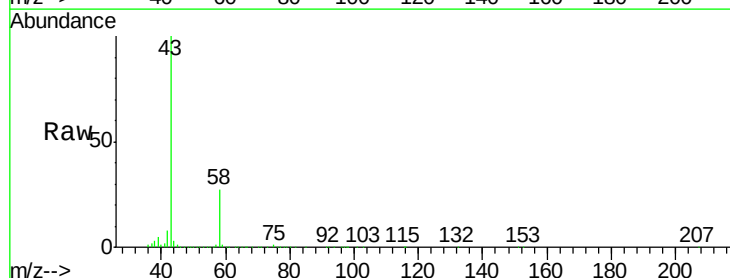
Acq: 14 Jun 2018 21:12

Tgt Ion: 43 Resp: 344046

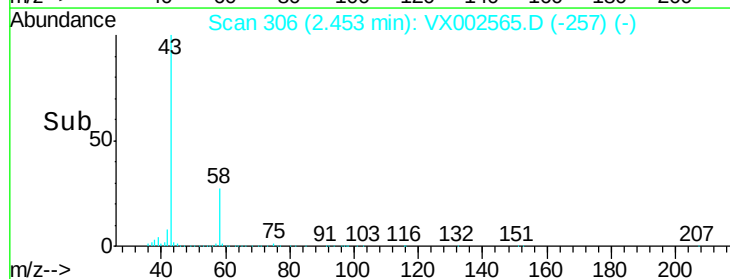
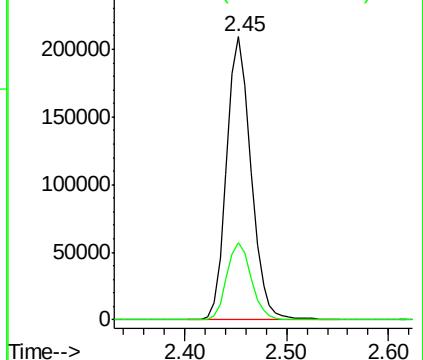
Ion Ratio Lower Upper

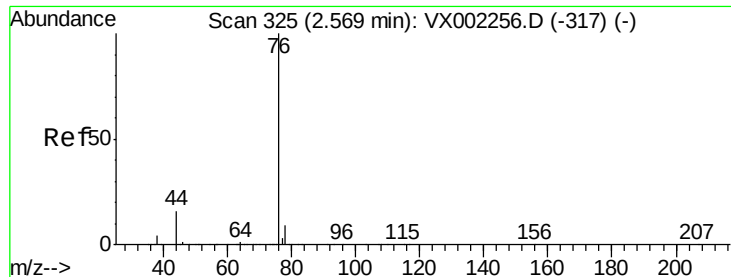
43 100

58 27.3 22.1 33.1



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





#17

Carbon Disulfide

Concen: 37.36 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

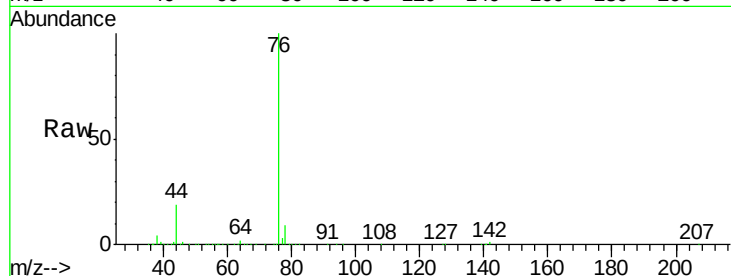
ClientSampleId :

Tot Ion: 76 Resp: 174054

Ion Ratio Lower Upper

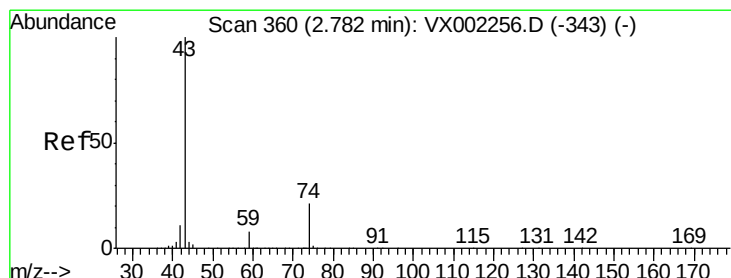
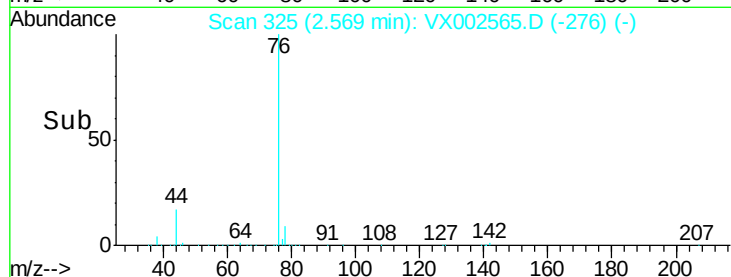
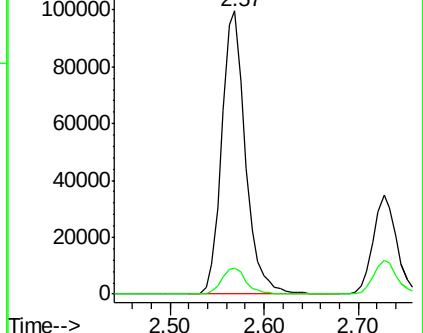
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 81.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002565.D

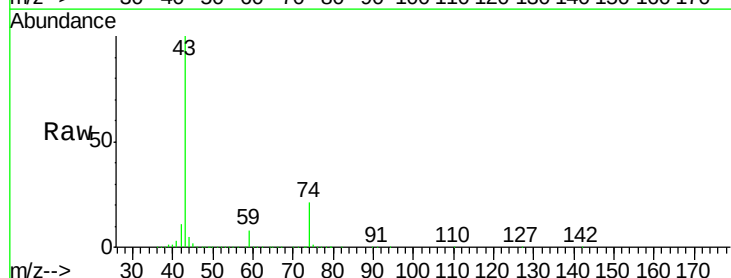
Acq: 14 Jun 2018 21:12

Tgt Ion: 43 Resp: 189253

Ion Ratio Lower Upper

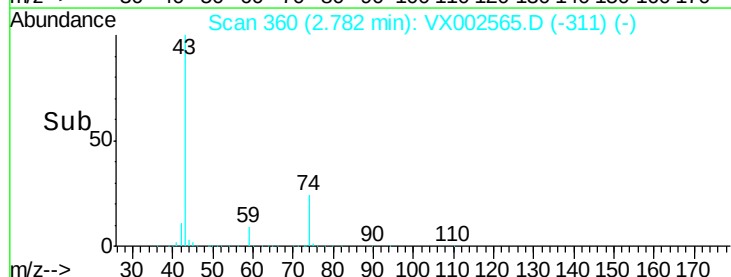
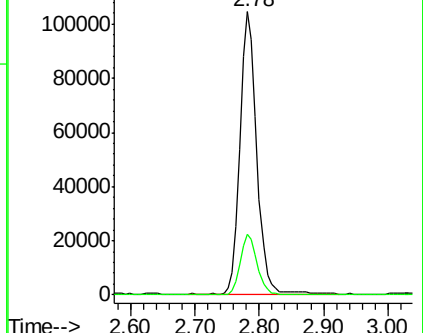
43 100

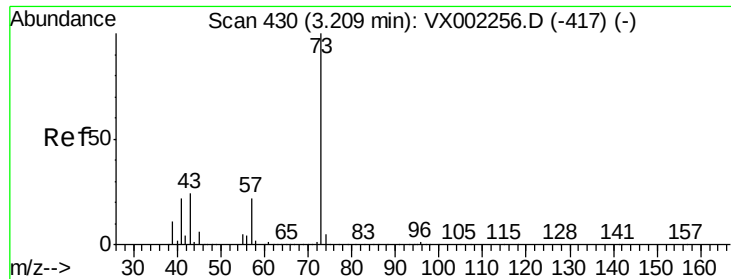
74 20.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



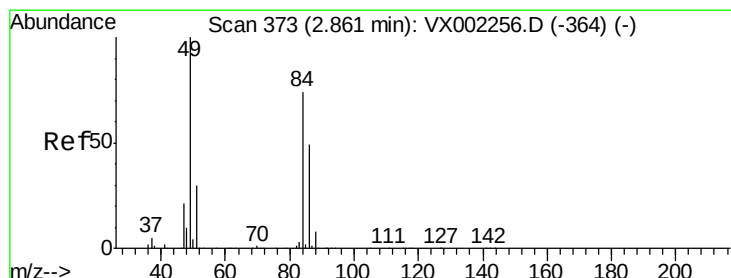
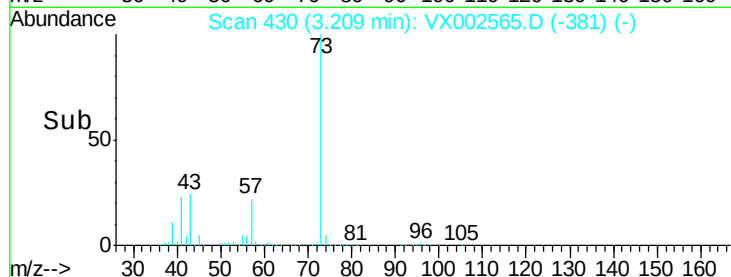
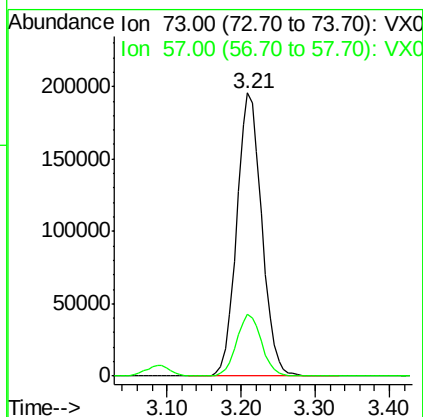
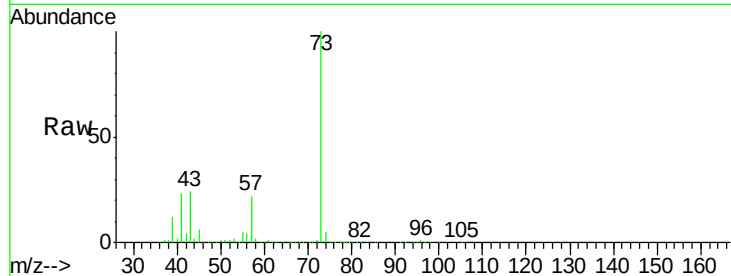


#19

Methyl tert-butyl Ether
 Concen: 76.01 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampled :

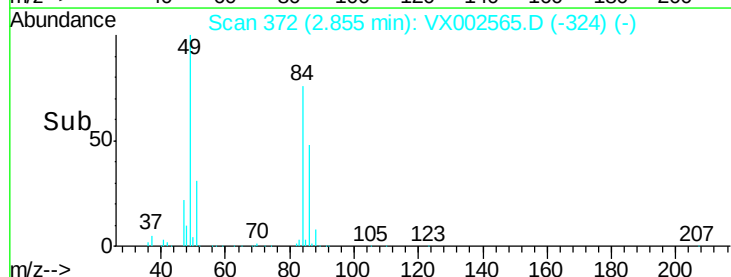
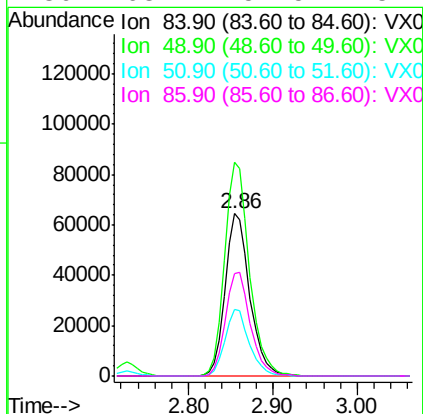
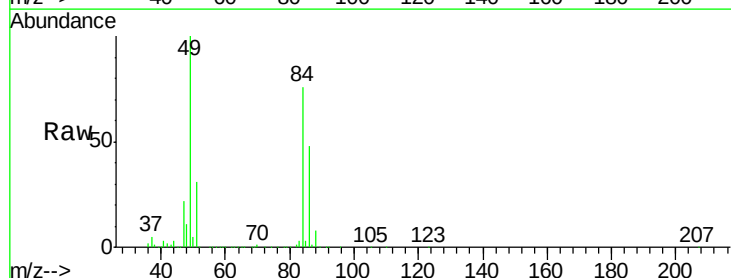
Tot Ion: 73 Resp: 460246
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.7 26.5

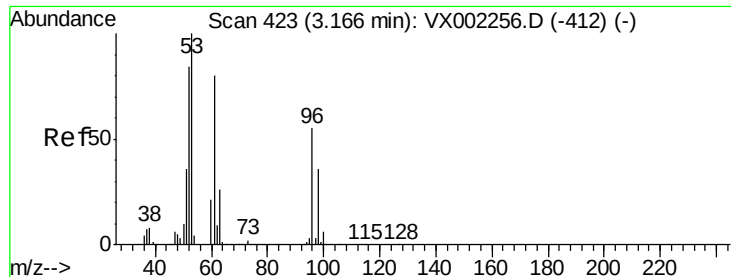


#20

Methylene Chloride
 Concen: 69.40 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 84 Resp: 128286
 Ion Ratio Lower Upper
 84 100
 49 131.6 107.8 161.6
 51 40.9 32.8 49.2
 86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 53.49 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampled :

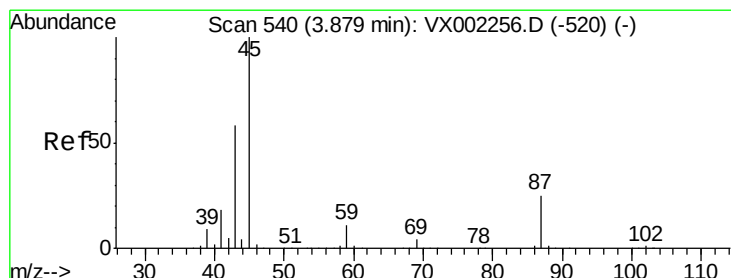
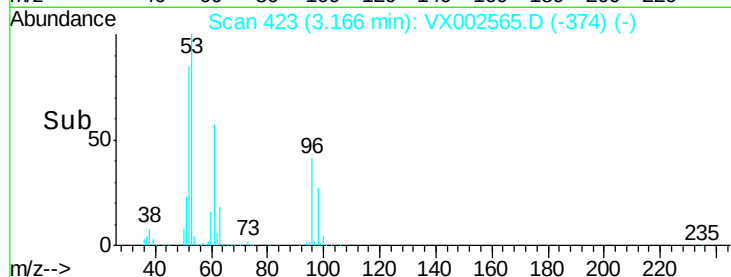
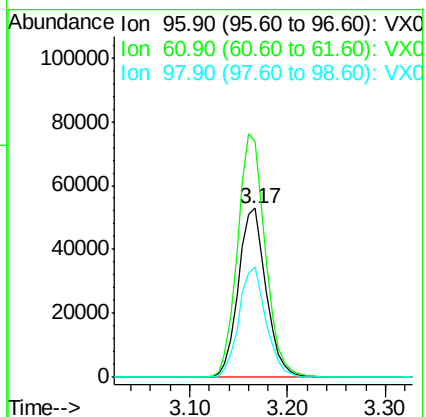
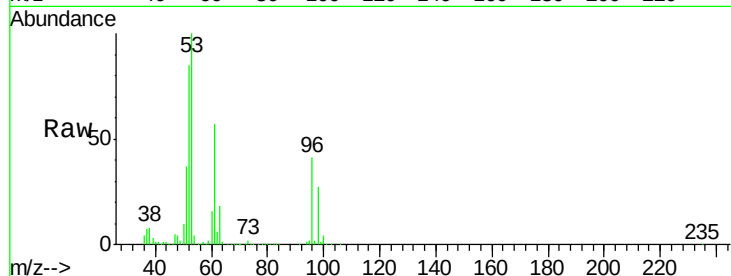
Tot Ion: 96 Resp: 104271

Ion Ratio Lower Upper

96 100

61 139.8 117.0 175.4

98 65.8 52.4 78.6



#22

Diisopropyl ether

Concen: 66.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion: 45 Resp: 422215

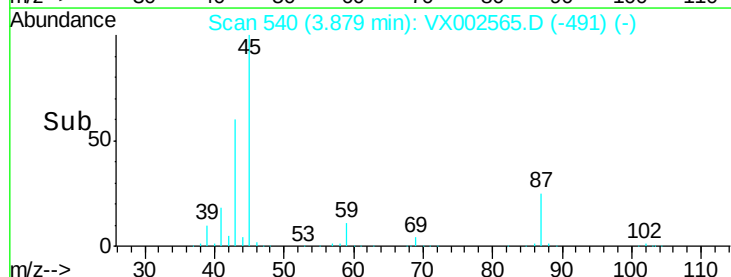
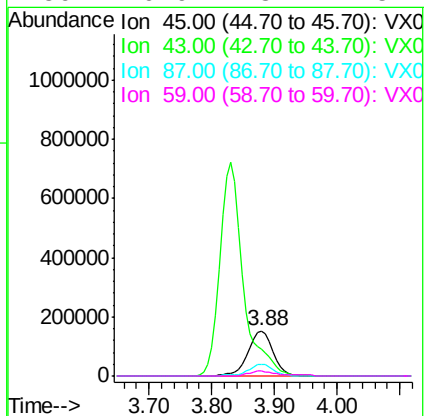
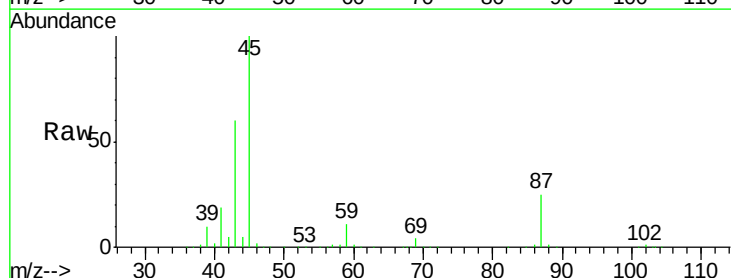
Ion Ratio Lower Upper

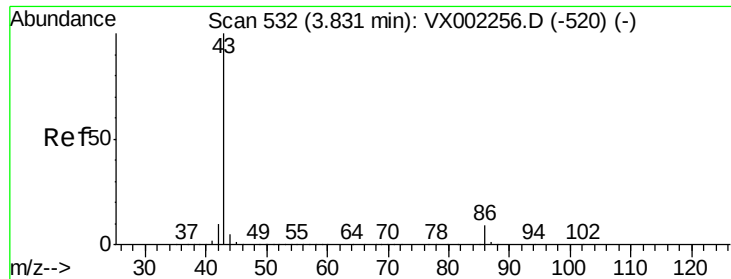
45 100

43 60.4 46.8 70.2

87 25.1 20.2 30.4

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 300.25 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

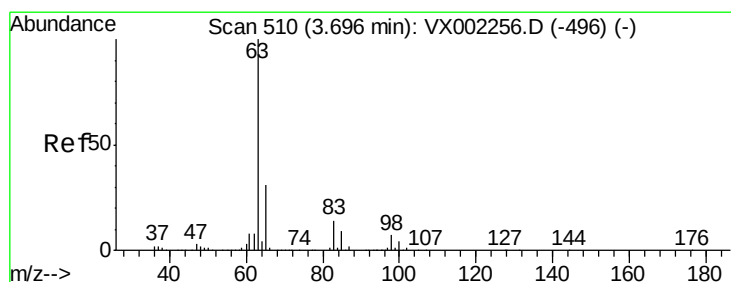
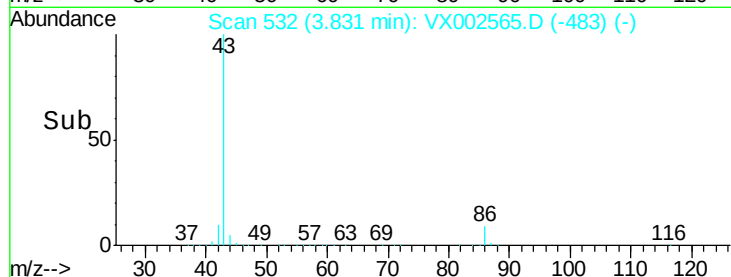
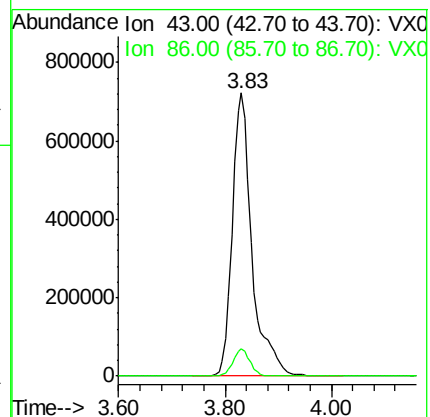
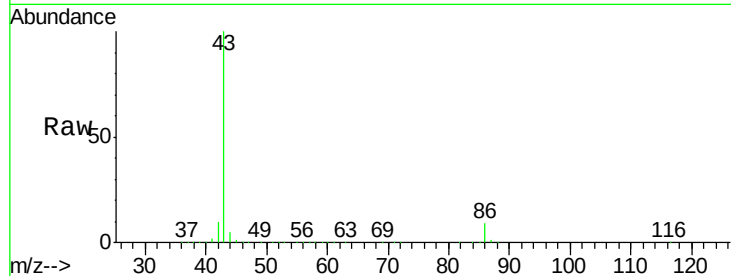
ClientSampleId :

Tot Ion: 43 Resp: 1867310

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 55.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

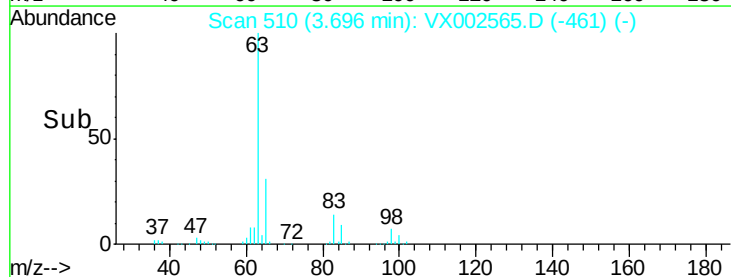
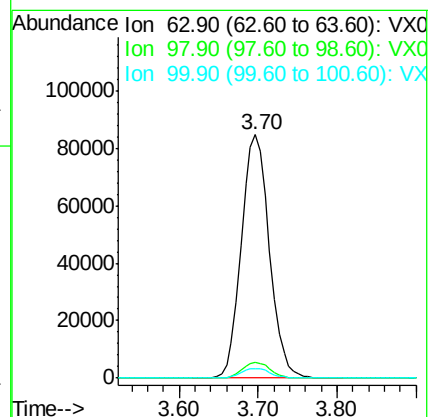
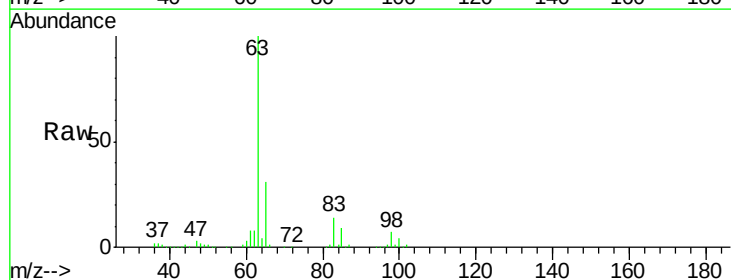
Tgt Ion: 63 Resp: 209528

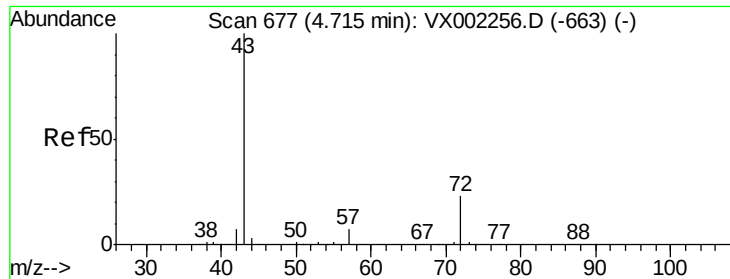
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 303.13 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

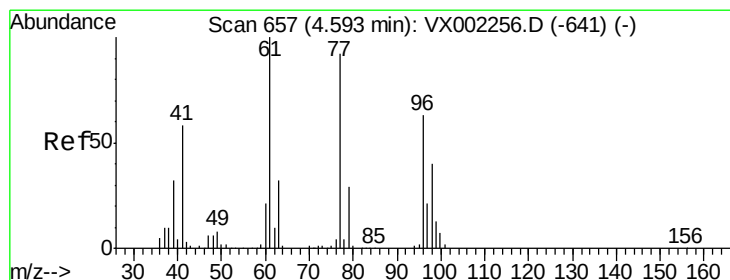
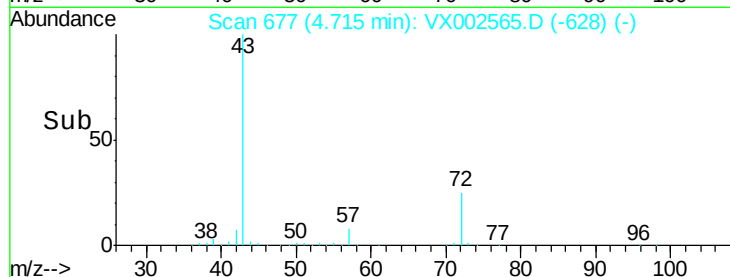
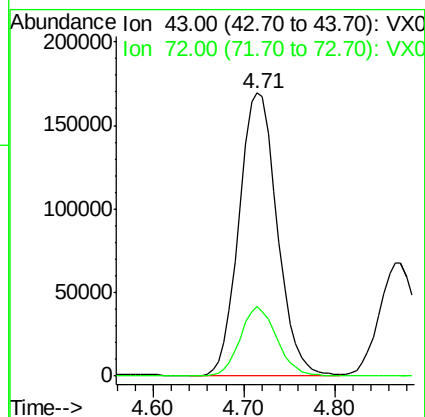
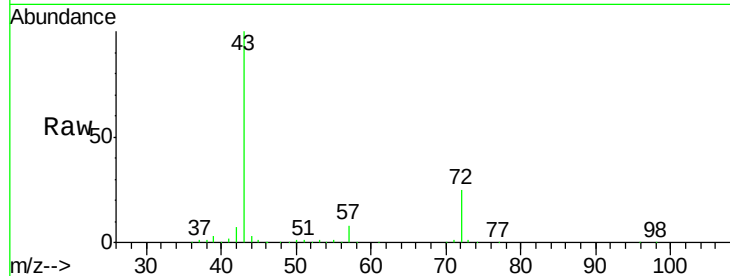
ClientSampleId :

Tot Ion: 43 Resp: 493553

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



#26

2,2-Dichloropropane

Concen: 41.68 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002565.D

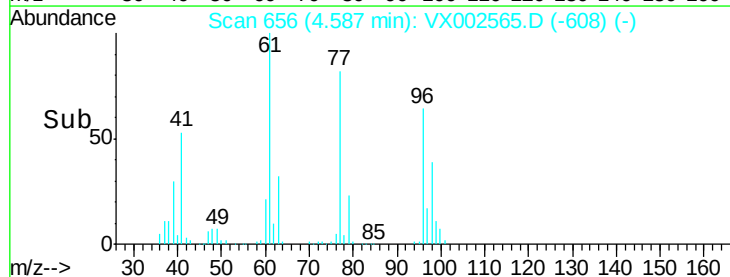
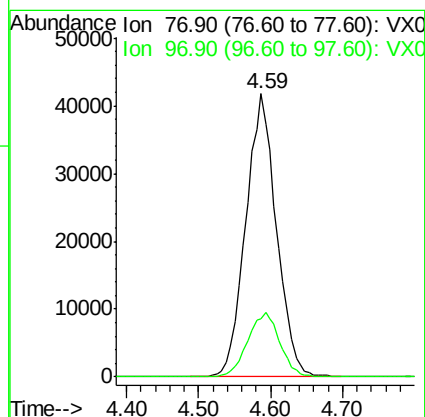
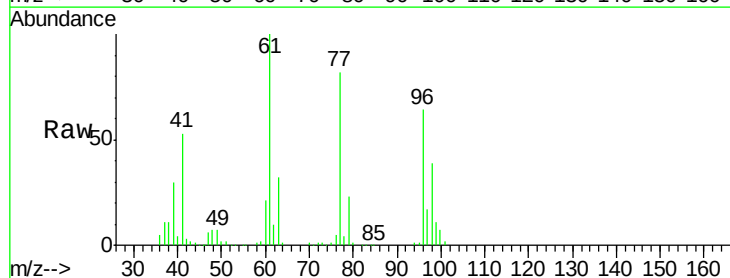
Acq: 14 Jun 2018 21:12

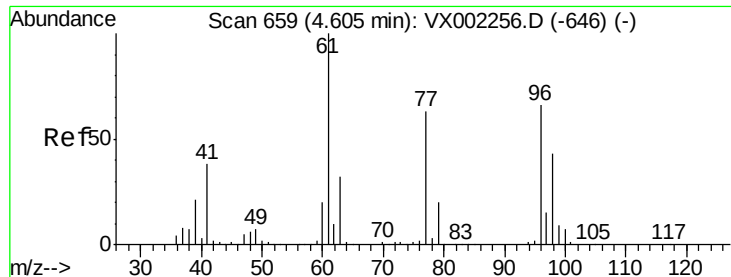
Tgt Ion: 77 Resp: 123534

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 58.34 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

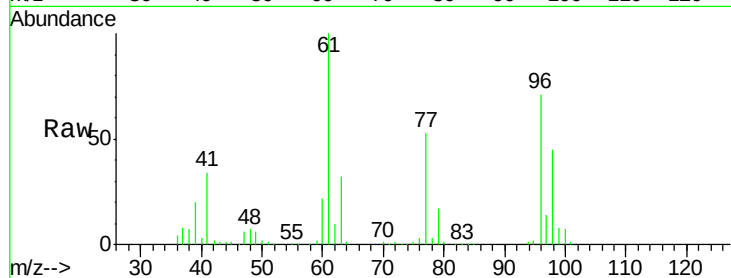
Tot Ion: 96 Resp: 123694

Ion Ratio Lower Upper

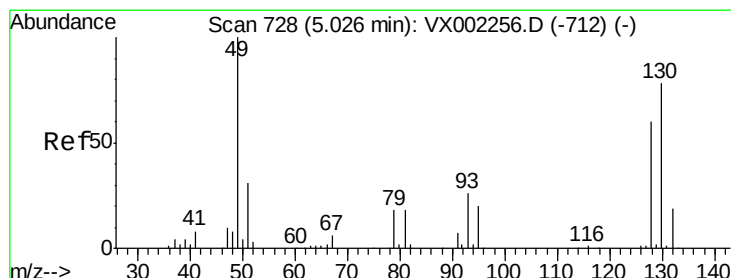
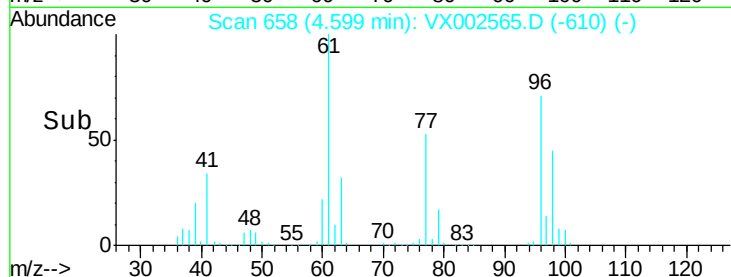
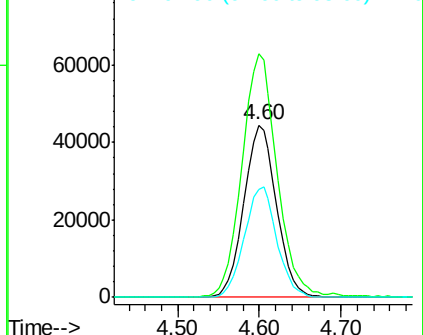
96 100

61 153.1 0.0 330.2

98 64.2 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: 69.52 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

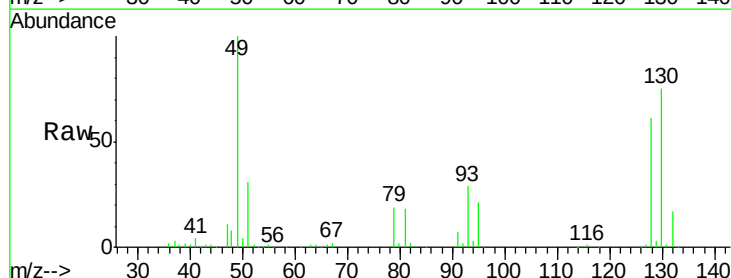
Tgt Ion: 49 Resp: 109871

Ion Ratio Lower Upper

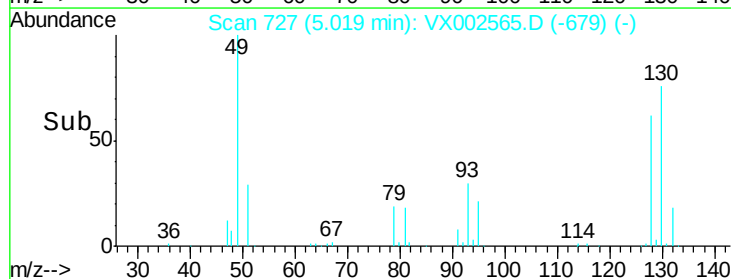
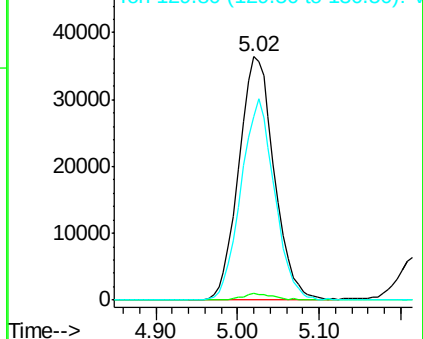
49 100

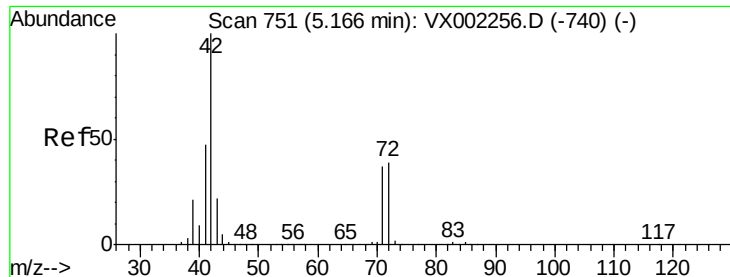
129 2.3 0.0 4.2

130 78.2 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

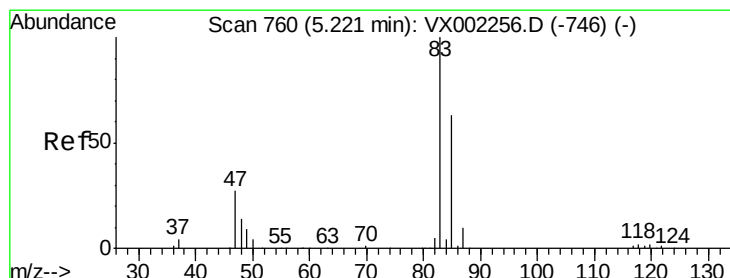
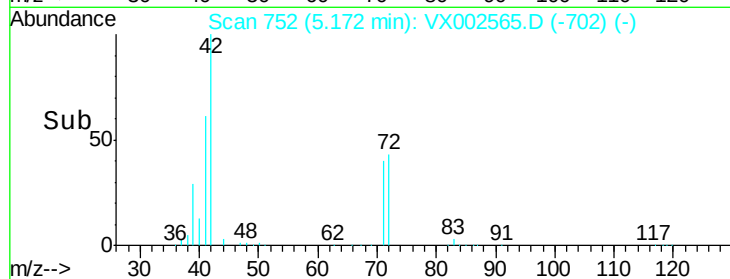
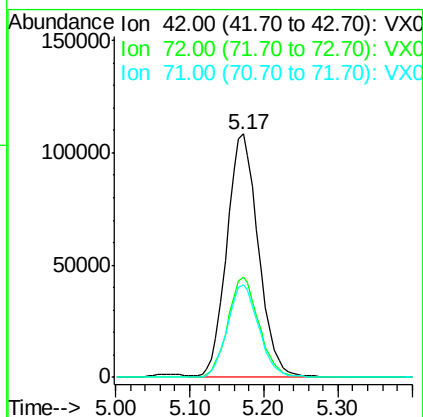
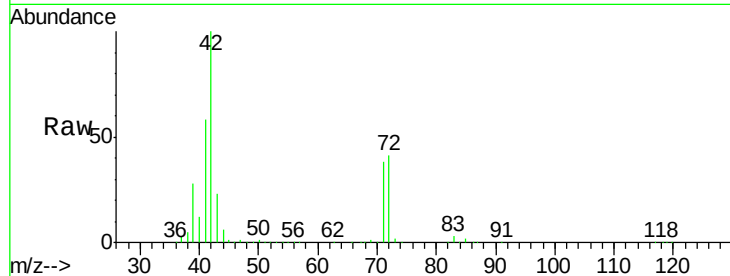




#29
Tetrahydrofuran
Concen: 304.12 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

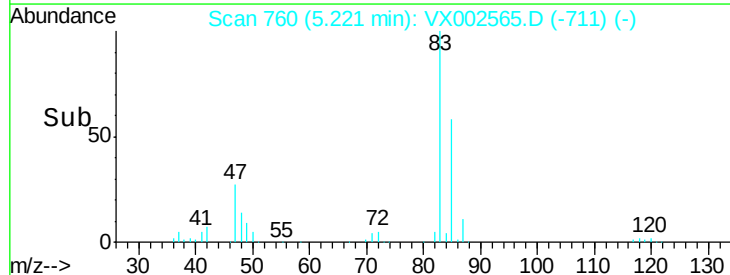
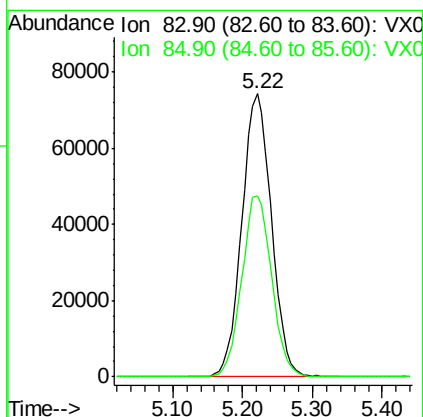
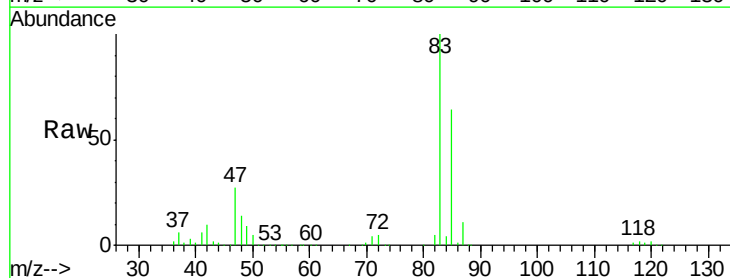
Instrument :
MSVOA_X
ClientSampled :

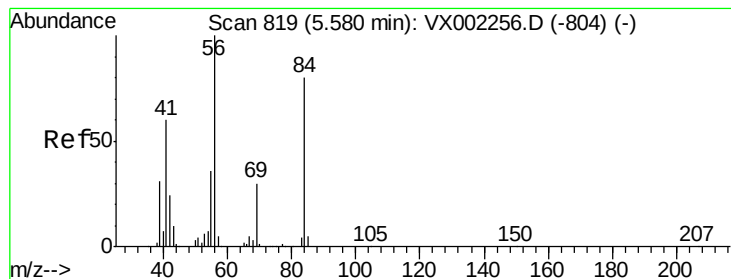
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.0	48.0
71	38.3	30.1	45.1



#30
Chloroform
Concen: 59.58 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.4	75.6





#31

Cyclohexane

Concen: 32.14 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

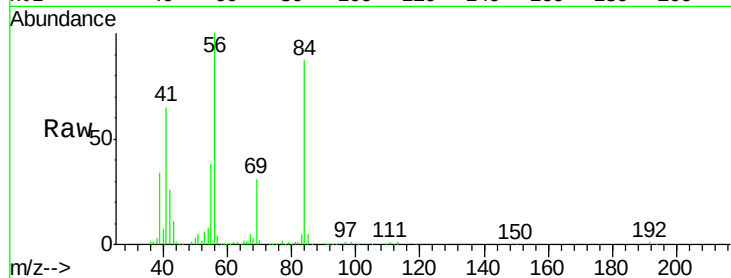
Tot Ion: 56 Resp: 96351

Ion Ratio Lower Upper

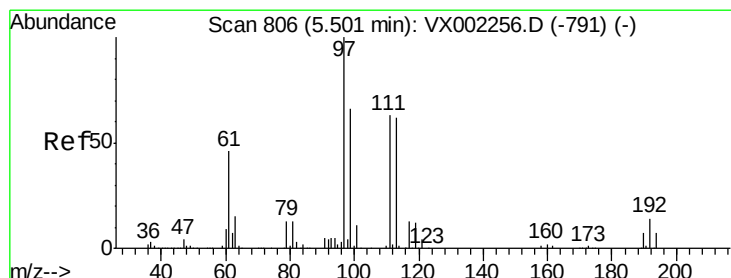
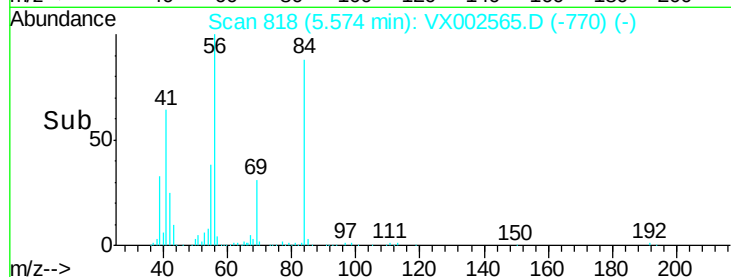
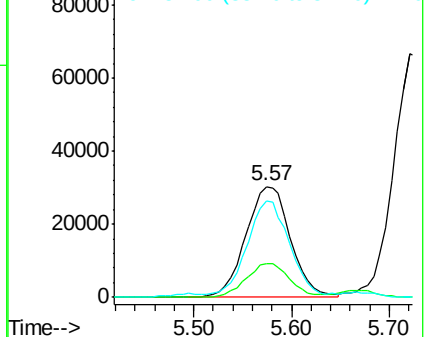
56 100

69 30.5 23.7 35.5

84 84.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 51.38 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

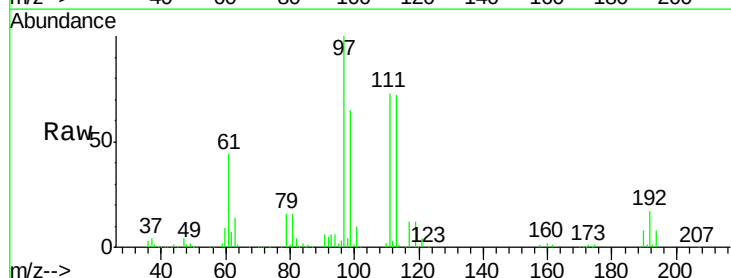
Tgt Ion: 97 Resp: 159439

Ion Ratio Lower Upper

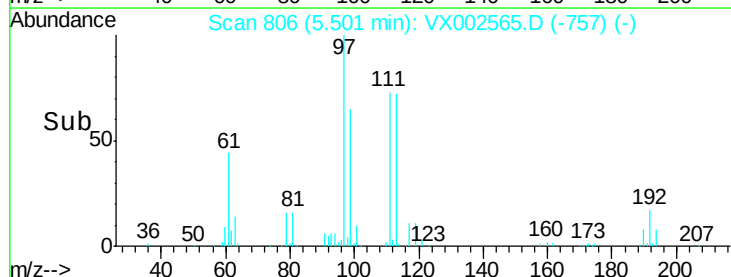
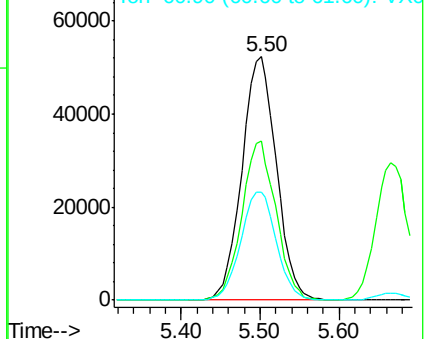
97 100

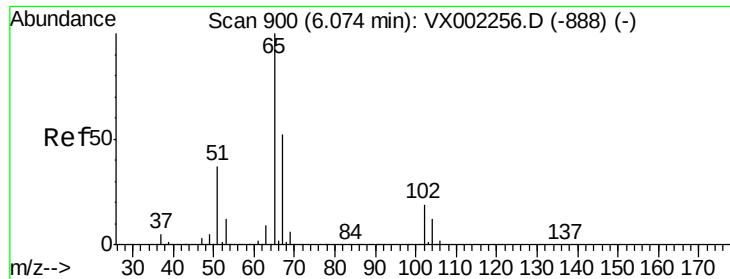
99 64.5 51.6 77.4

61 45.7 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

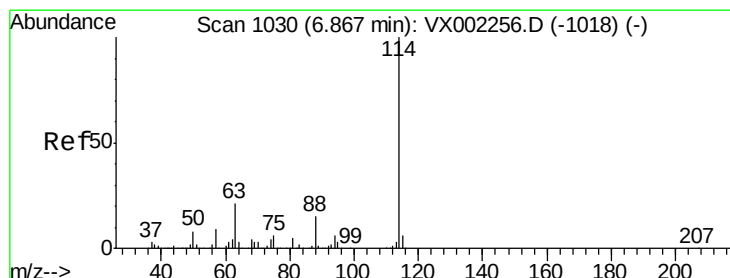
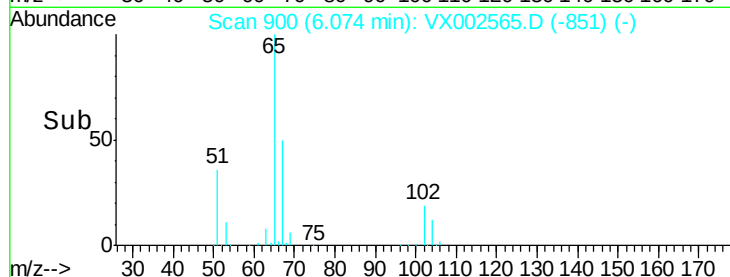
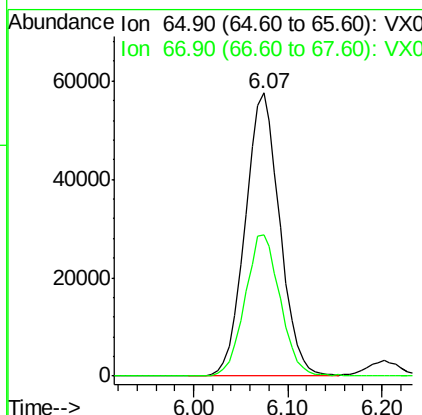
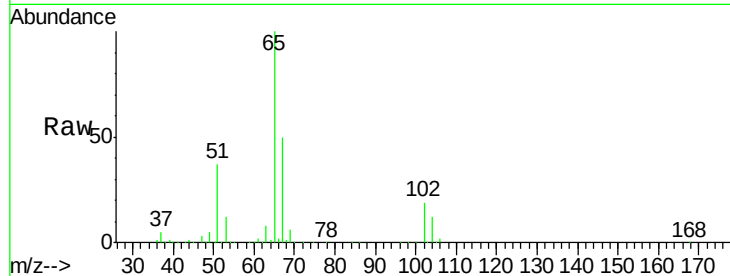




#33
 1,2-Dichloroethane-d4
 Concen: 63.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

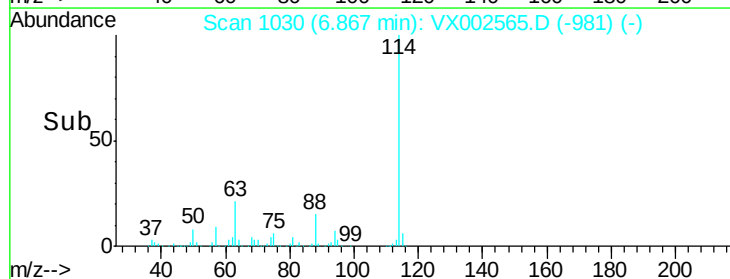
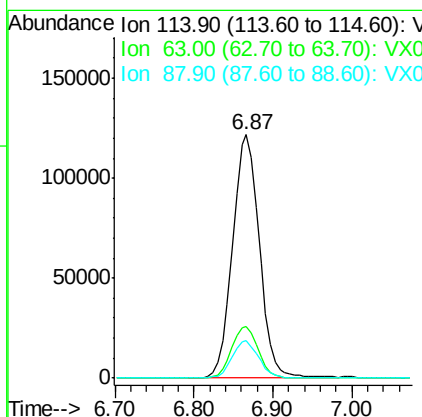
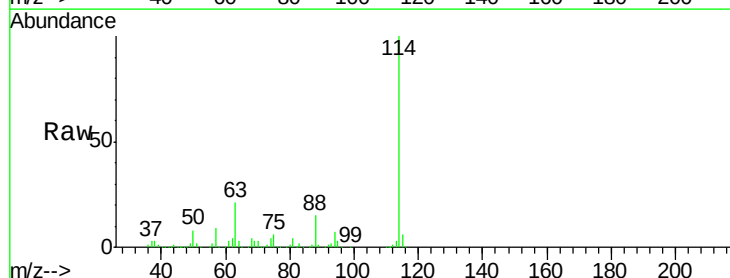
Instrument :
 MSVOA_X
 ClientSampleId :

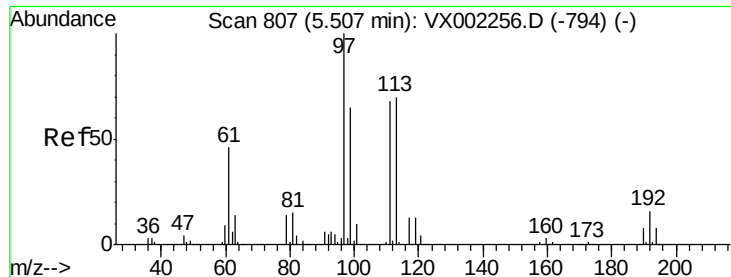
Tot Ion: 65 Resp: 148069
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 114 Resp: 289281
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.4 0.0 30.0

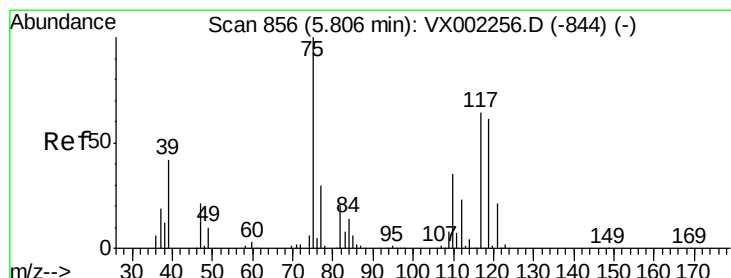
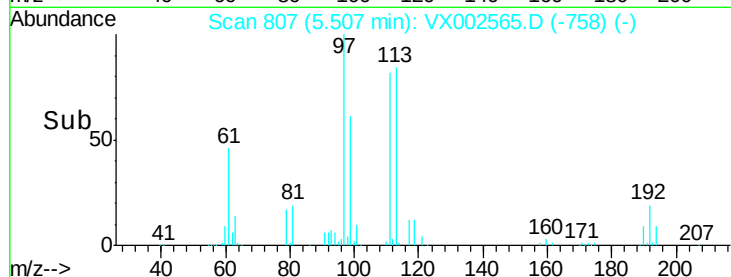
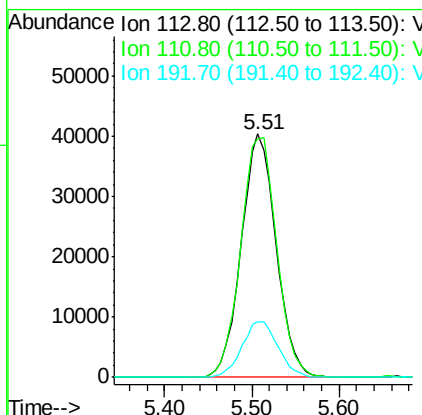
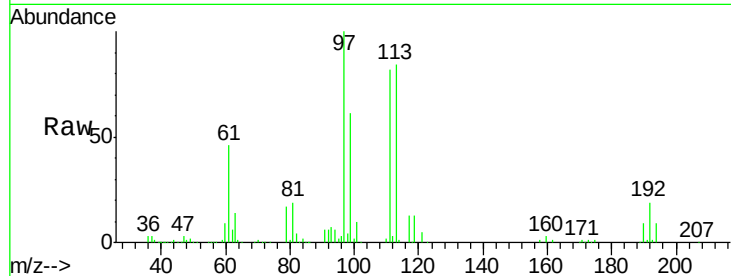




#35
 Dibromofluoromethane
 Concen: 49.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

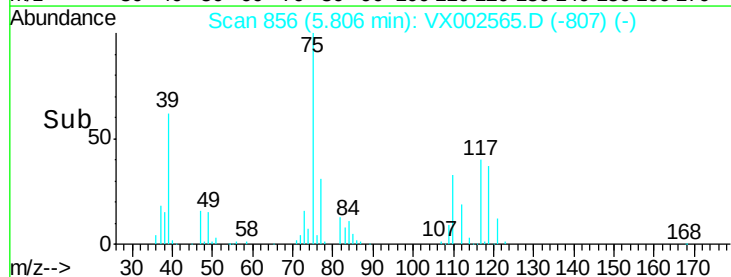
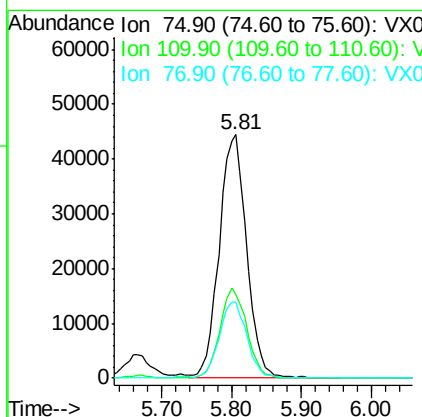
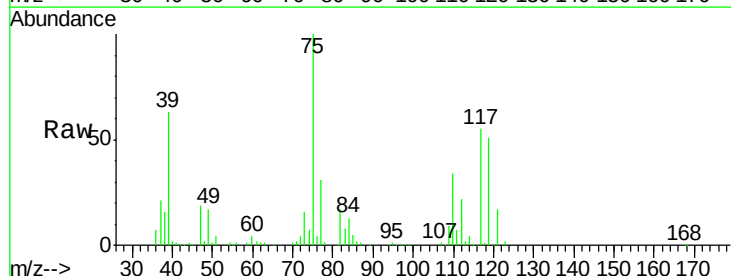
Instrument :
 MSVOA_X
 ClientSampled :

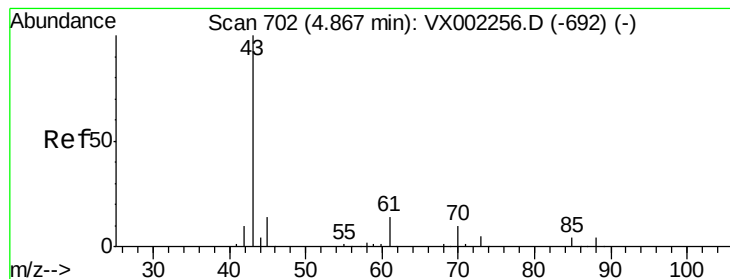
Tot Ion:113 Resp: 111946
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 39.53 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 75 Resp: 120223
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 31.6 24.3 36.5





#37

Ethyl Acetate

Concen: 54.38 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampled :

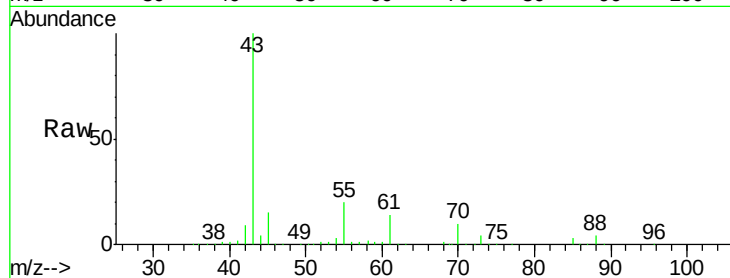
Tot Ion: 43 Resp: 198896

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

70 9.6 7.6 11.4

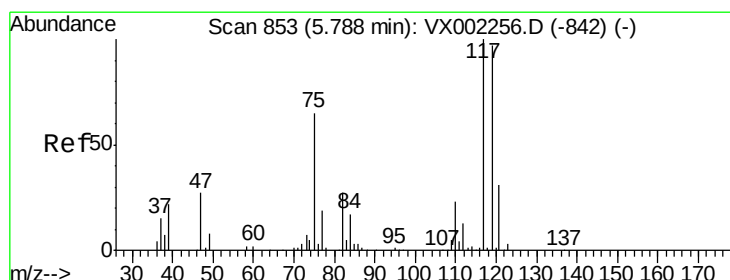
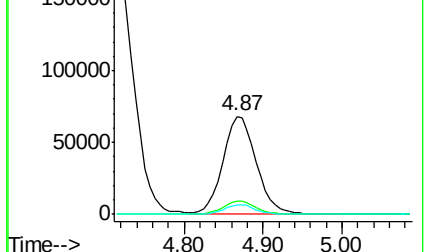
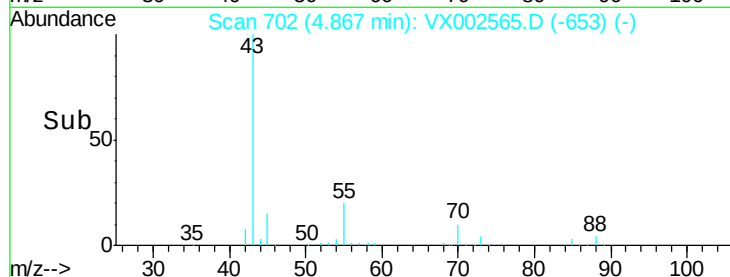


Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

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

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

Time-->



#38

Carbon Tetrachloride

Concen: 38.71 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

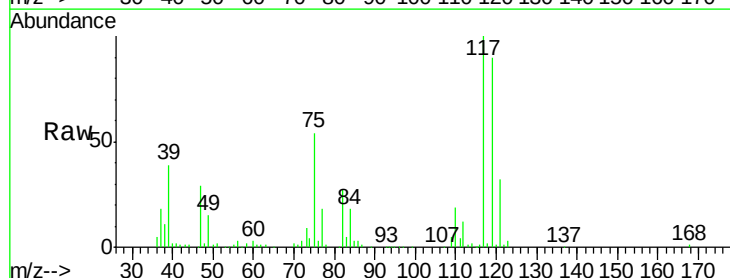
Tgt Ion: 117 Resp: 123160

Ion Ratio Lower Upper

117 100

119 89.5 77.4 116.0

121 31.6 24.4 36.6

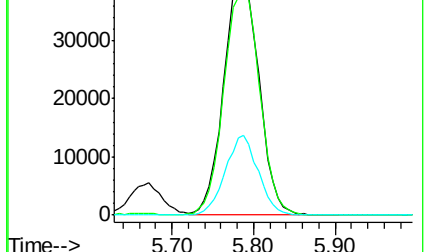
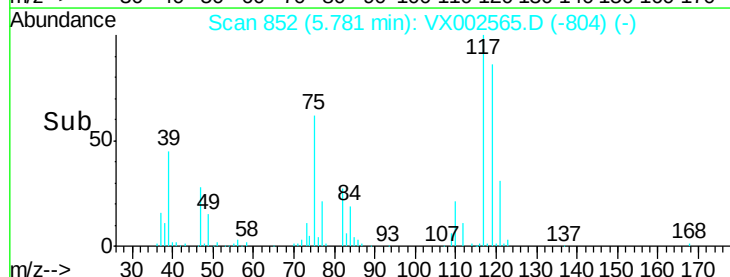


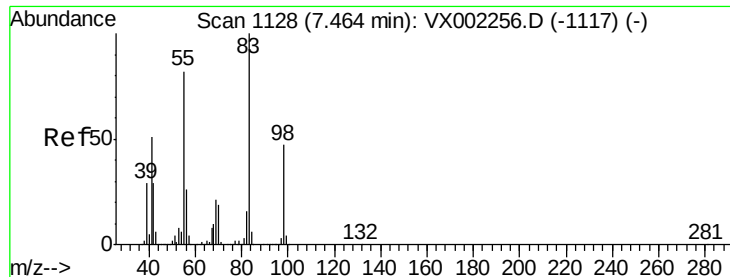
Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

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

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

Time-->

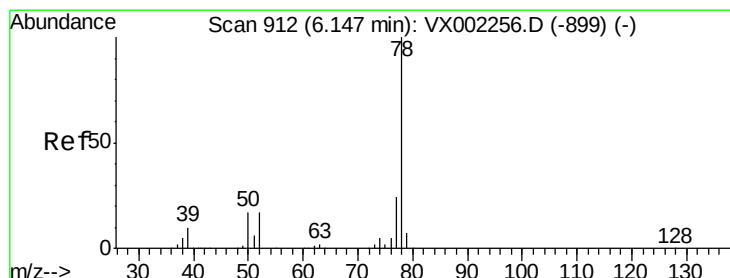
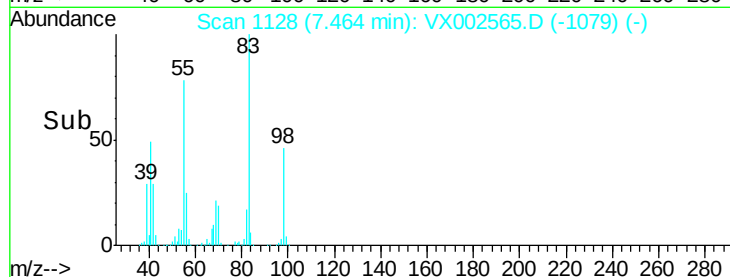
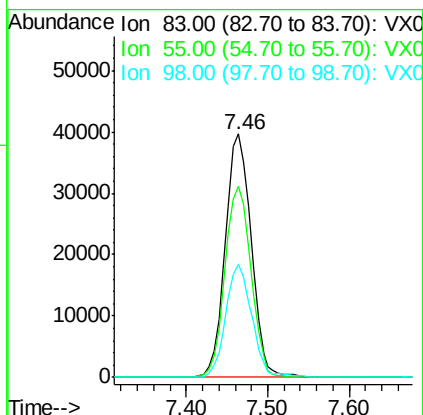
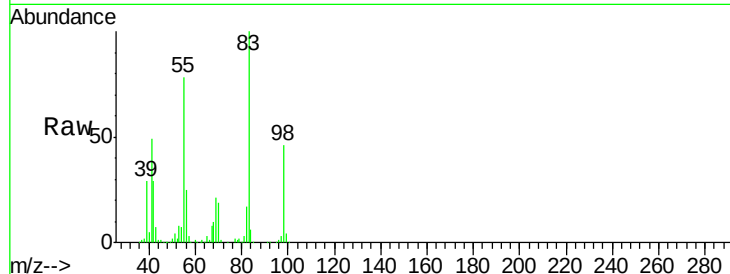




#39
Methylvlcyclohexane
Concen: 23.38 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

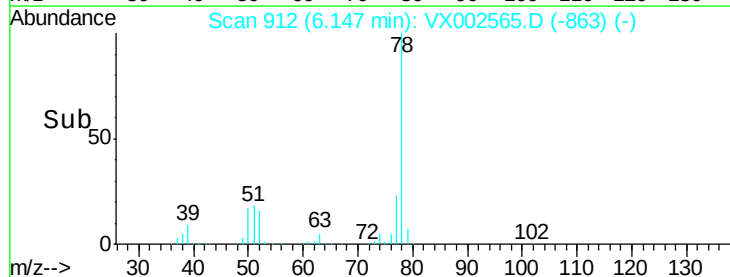
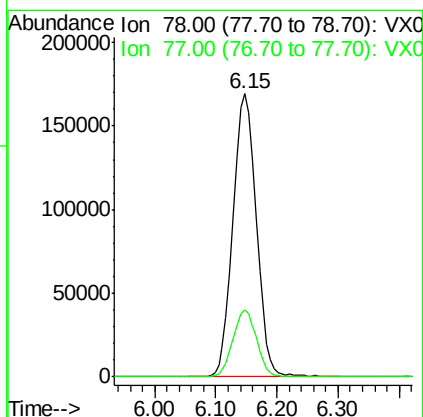
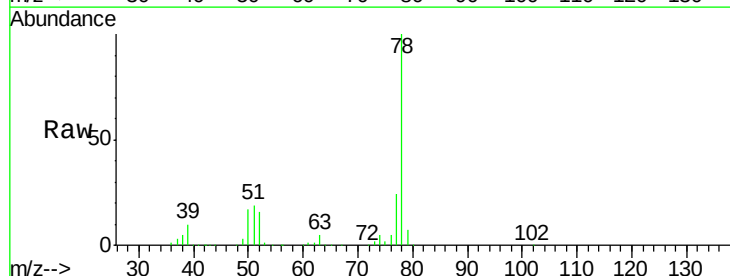
Instrument :
MSVOA_X
ClientSampled :

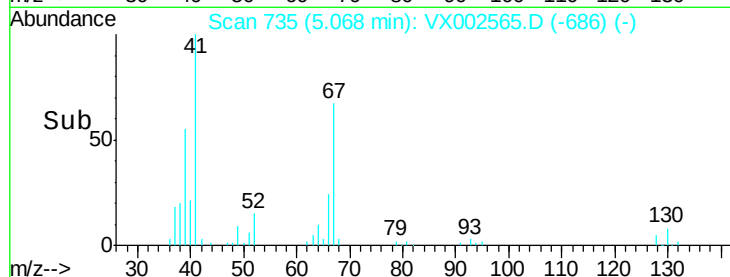
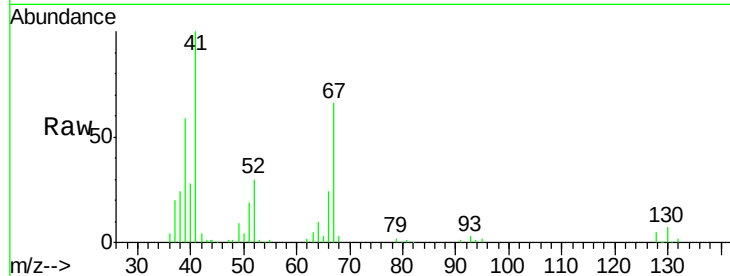
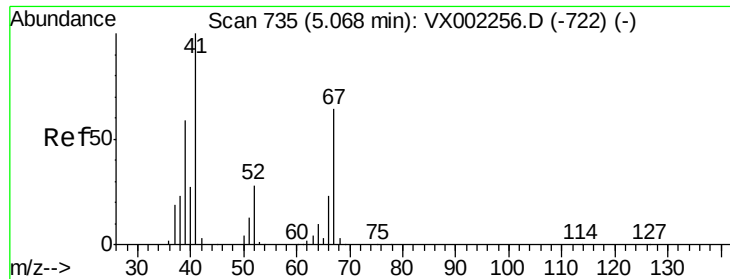
Tot Ion: 83 Resp: 87314
Ion Ratio Lower Upper
83 100
55 78.1 65.4 98.0
98 46.4 37.4 56.0



#40
Benzene
Concen: 47.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

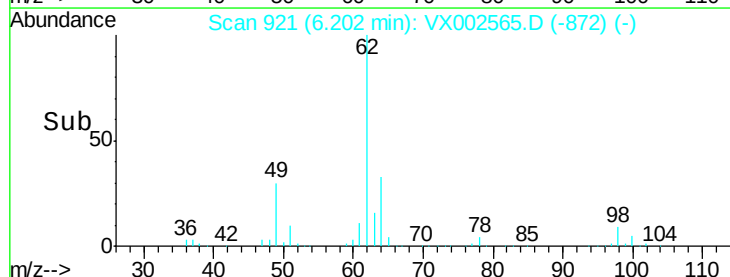
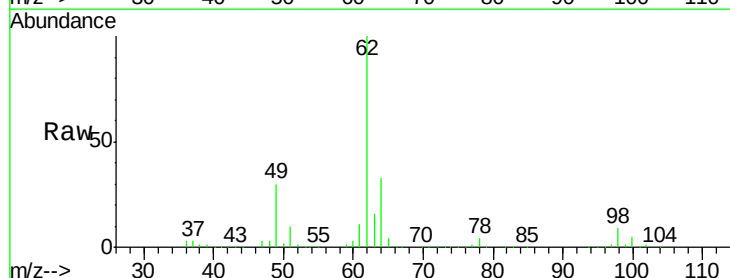
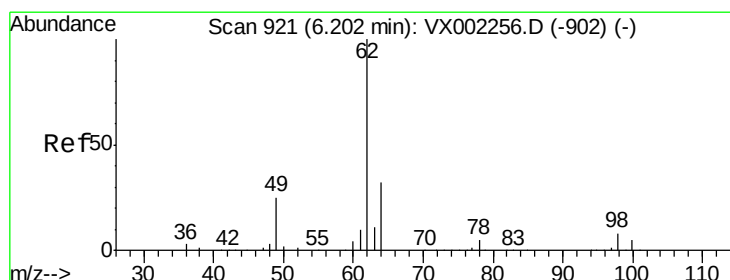
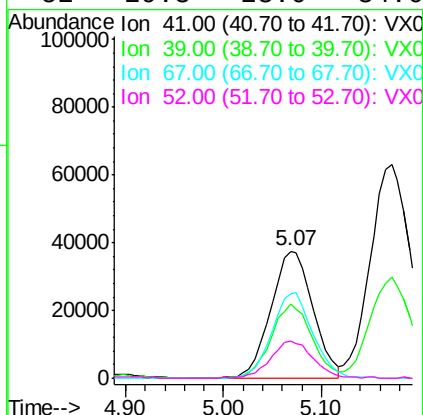
Tgt Ion: 78 Resp: 445419
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





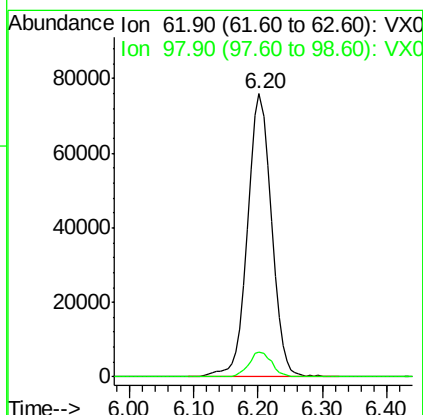
#41
Methacrylonitrile
Concen: 53.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

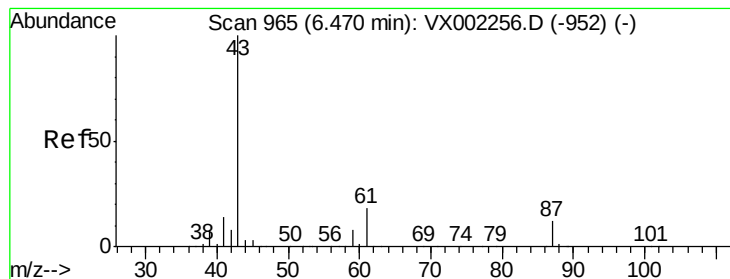
Tot Ion:	41	Resp:	111903
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.6
67	66.4	51.3	76.9
52	29.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 52.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion:	62	Resp:	193418
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 53.90 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

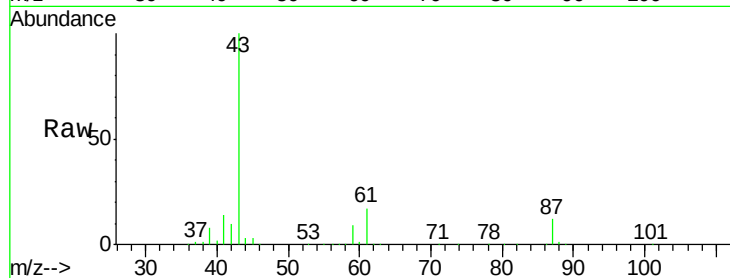
Tot Ion: 43 Resp: 334833

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

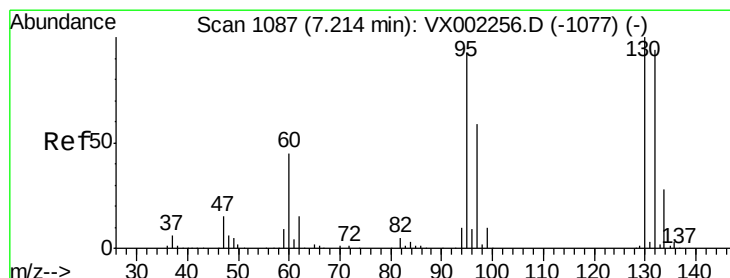
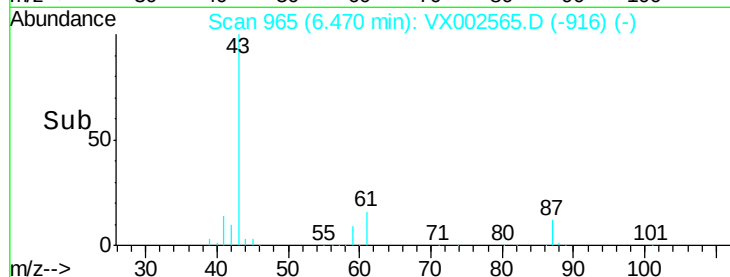
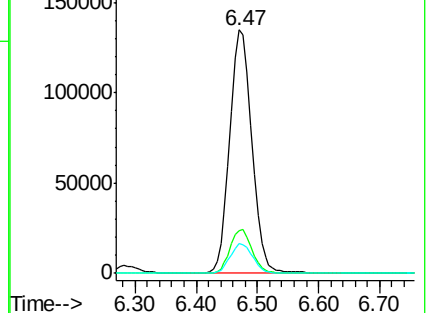
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.06 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002565.D

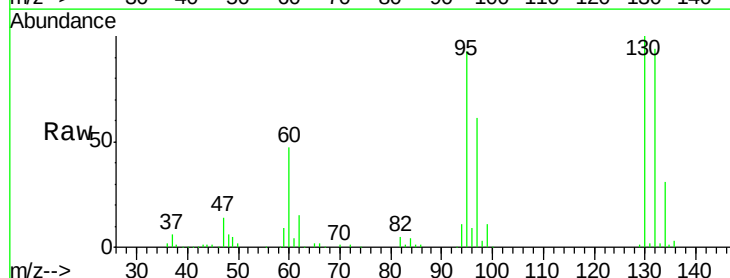
Acq: 14 Jun 2018 21:12

Tgt Ion:130 Resp: 119197

Ion Ratio Lower Upper

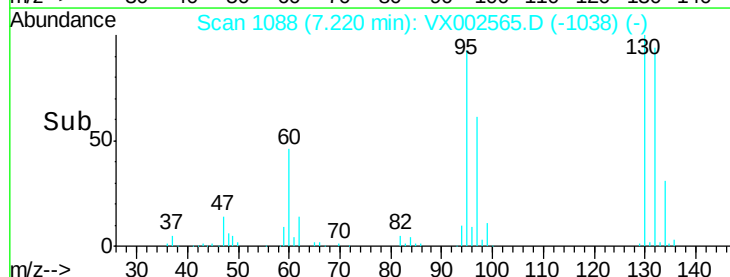
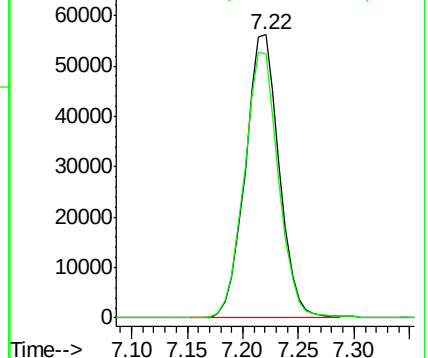
130 100

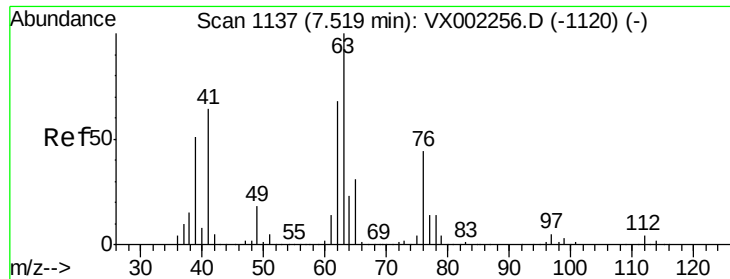
95 93.2 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

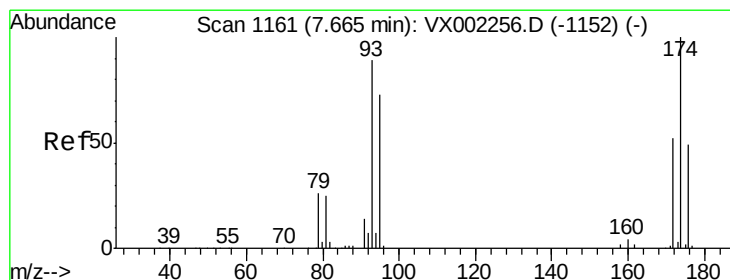
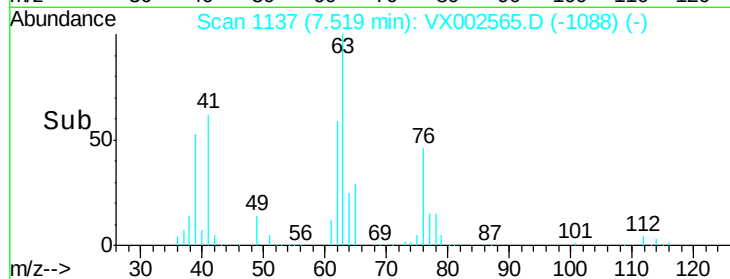
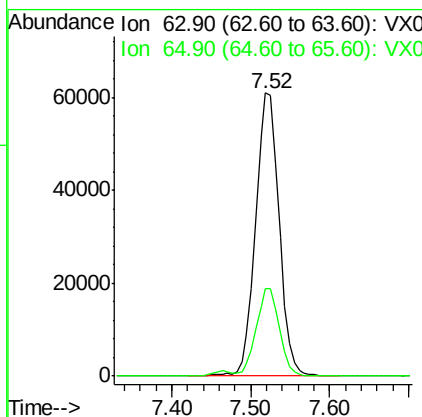
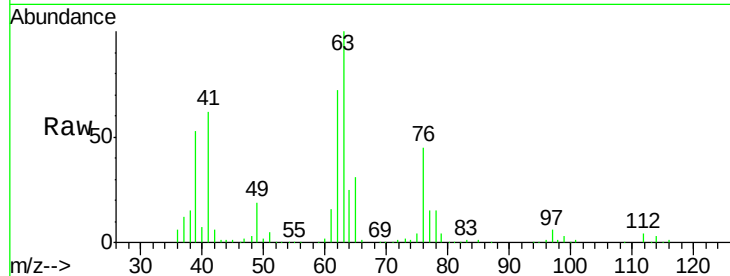




#45
 1,2-Dichloropropane
 Concen: 50.48 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

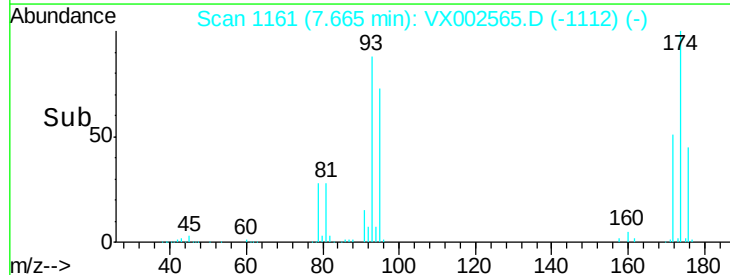
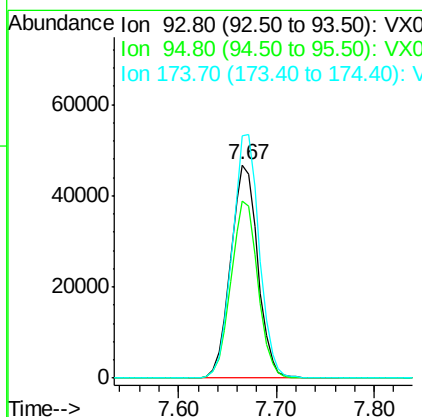
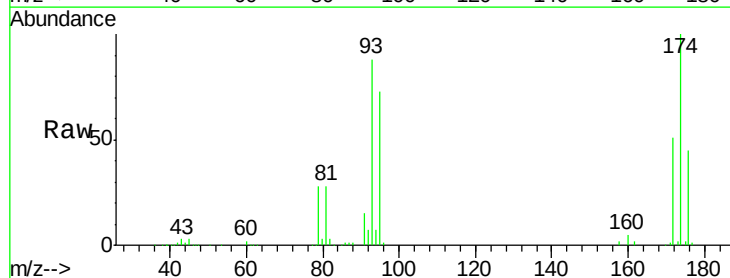
Instrument :
 MSVOA_X
 ClientSampleId :

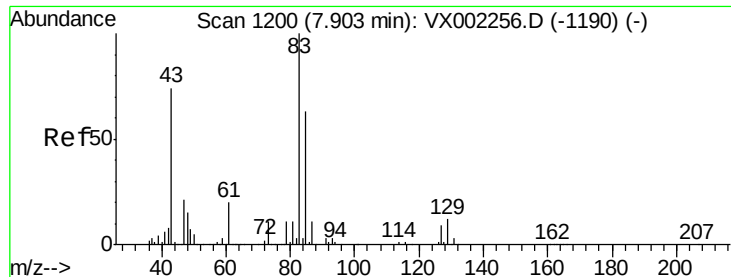
Tot Ion: 63 Resp: 127083
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 52.69 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 93 Resp: 89925
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 114.2 92.4 138.6





#47

Bromodichloromethane

Concen: 53.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :

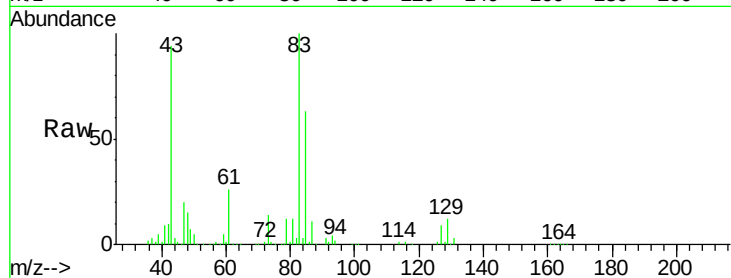
Tot Ion: 83 Resp: 163918

Ion Ratio Lower Upper

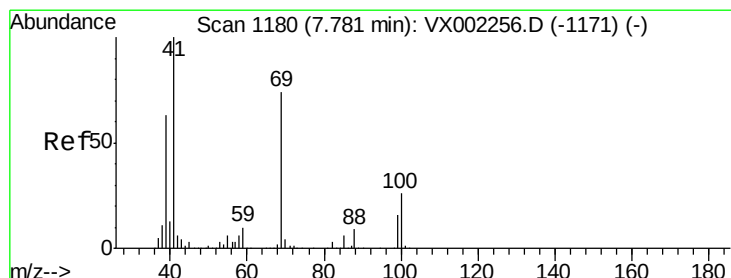
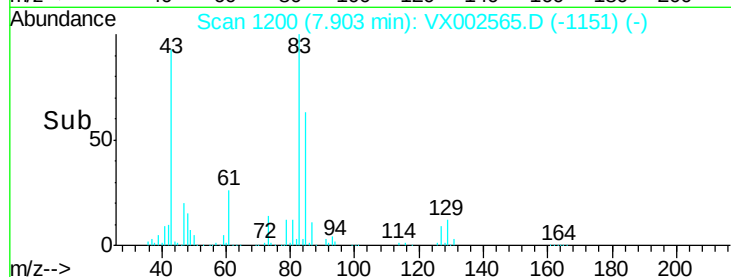
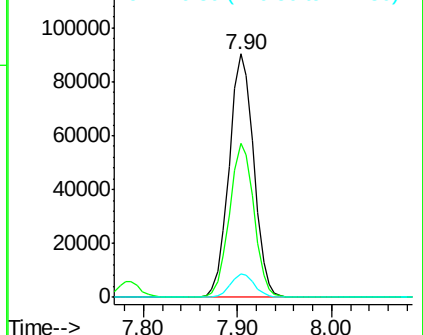
83 100

85 63.2 50.3 75.5

127 9.5 7.0 10.4



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



#48

Methyl methacrylate

Concen: 54.76 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

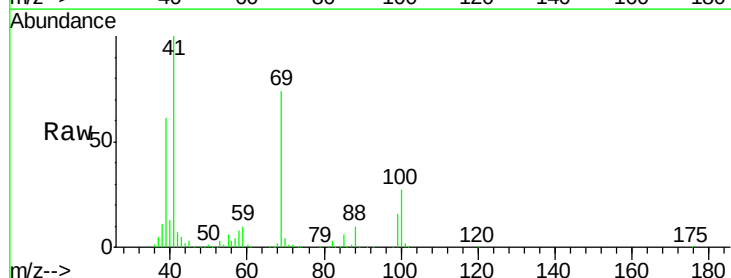
Tgt Ion: 41 Resp: 170864

Ion Ratio Lower Upper

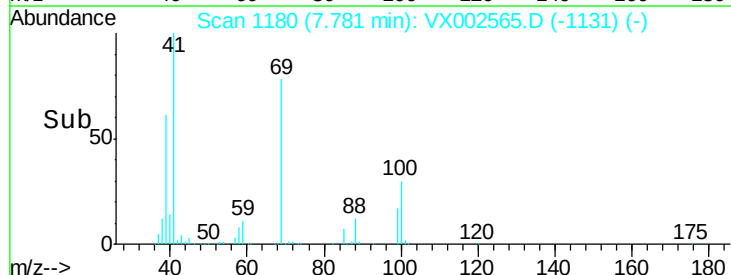
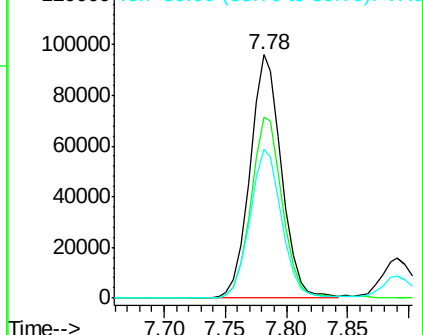
41 100

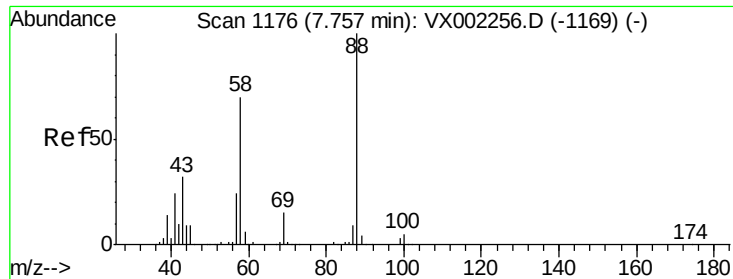
69 75.4 59.1 88.7

39 62.3 48.9 73.3



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

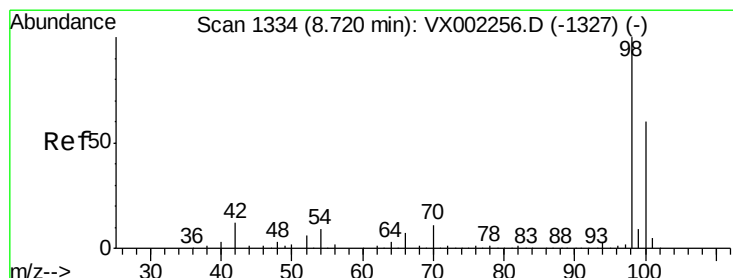
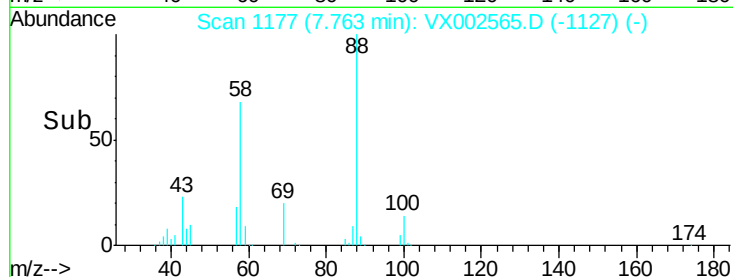
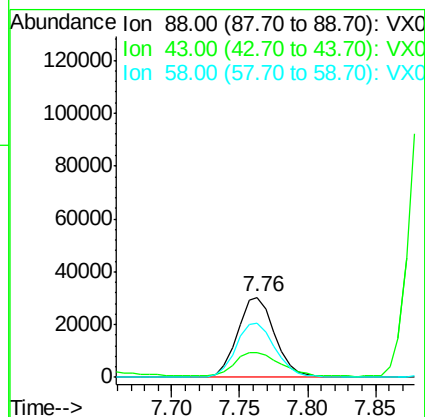
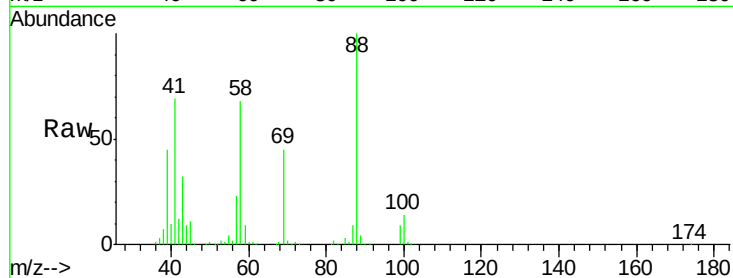




#49
1,4-Dioxane
Concen: 991.85 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

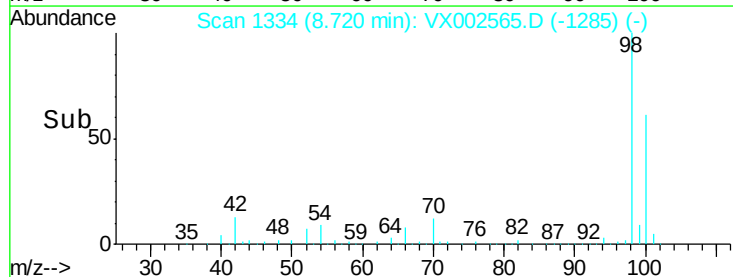
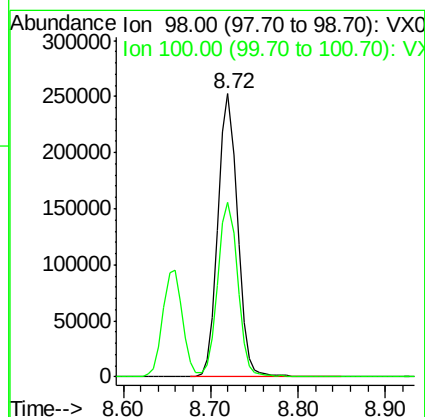
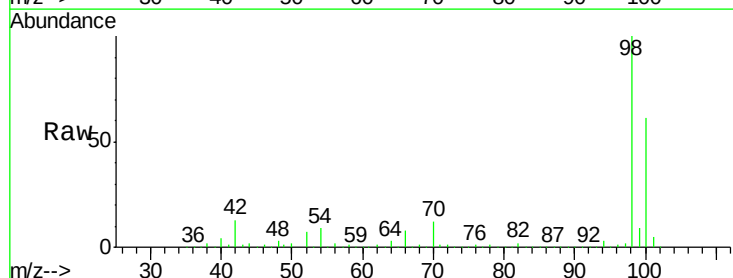
Instrument :
MSVOA_X
ClientSampleId :

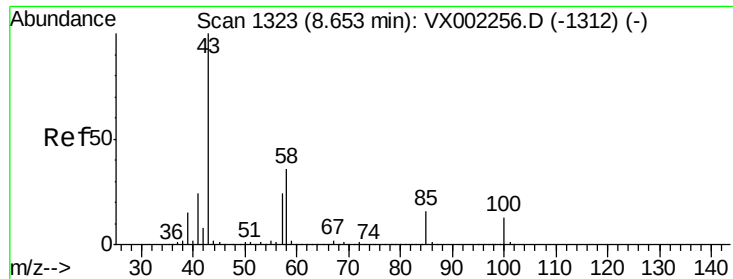
Tot Ion: 88 Resp: 57868
Ion Ratio Lower Upper
88 100
43 37.7 29.8 44.6
58 72.2 57.1 85.7



#50
Toluene-d8
Concen: 45.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion: 98 Resp: 392710
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 281.46 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

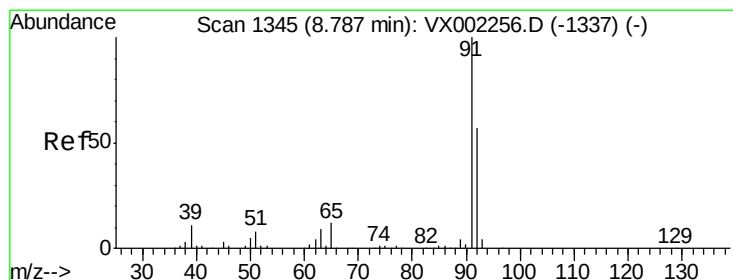
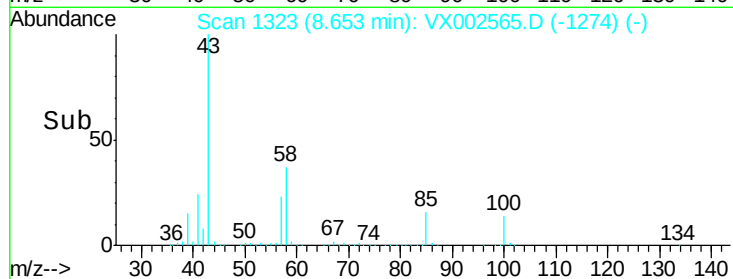
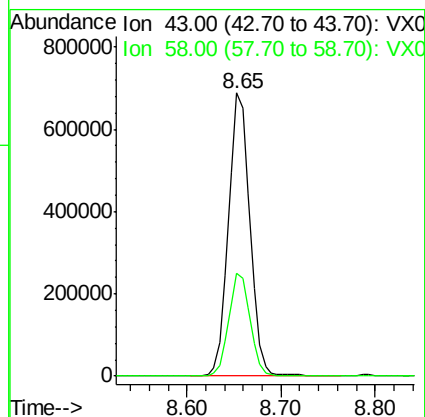
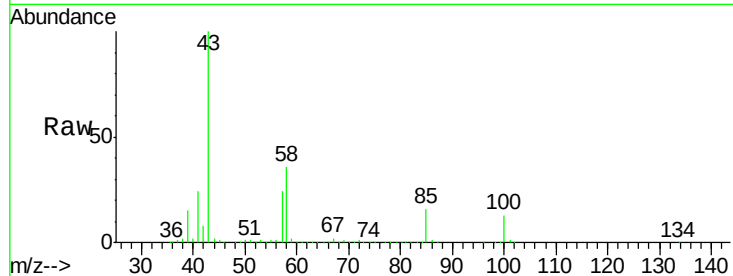
ClientSampleId :

Tot Ion: 43 Resp: 1088851

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



#52

Toluene

Concen: 48.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002565.D

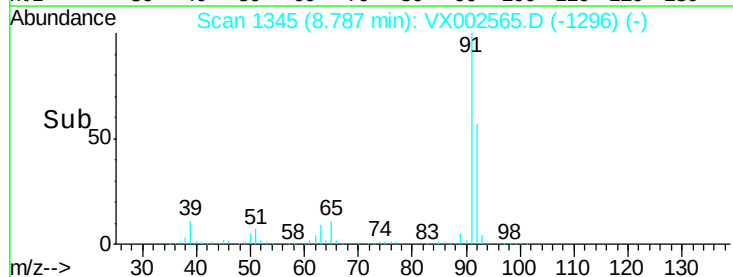
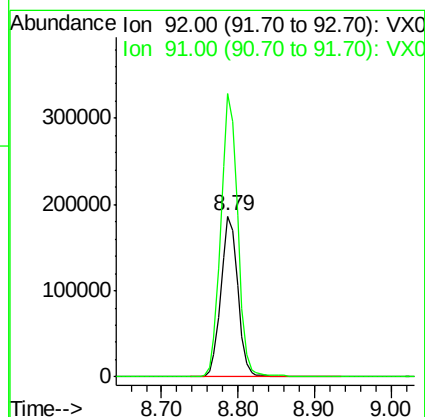
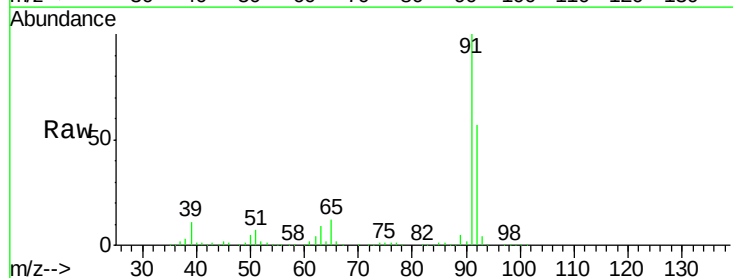
Acq: 14 Jun 2018 21:12

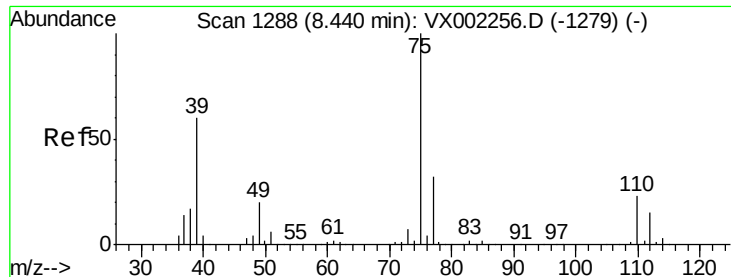
Tgt Ion: 92 Resp: 286328

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6

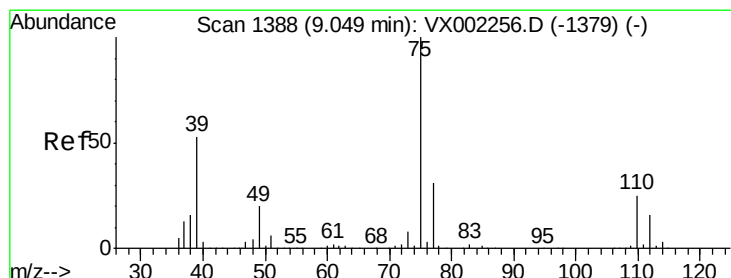
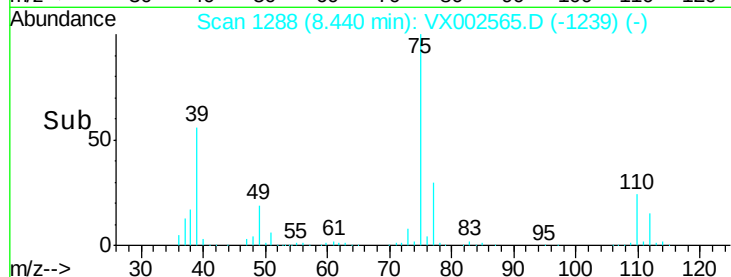
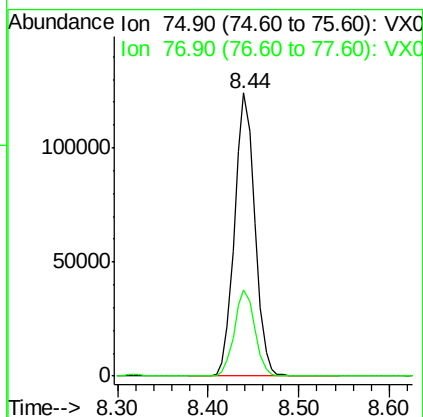
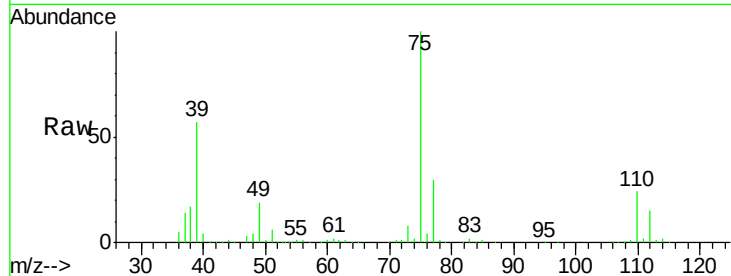




#53
t-1,3-Dichloropropene
Concen: 52.07 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

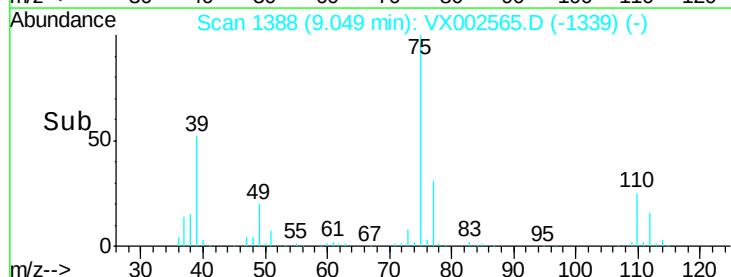
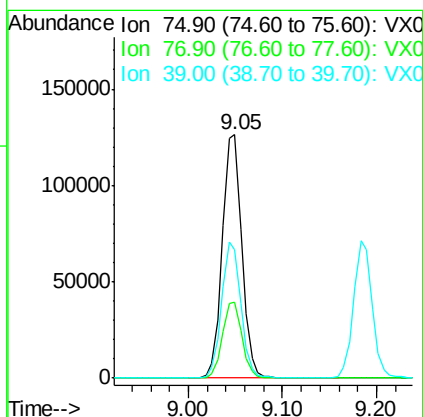
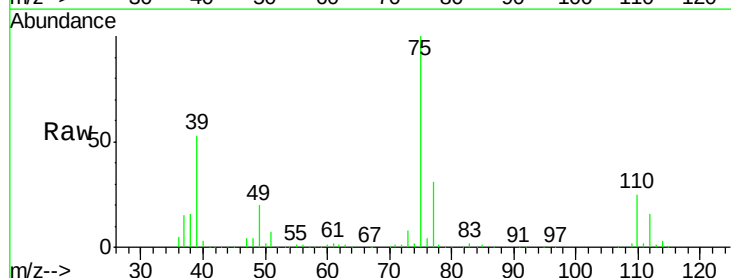
Instrument :
MSVOA_X
ClientSampled :

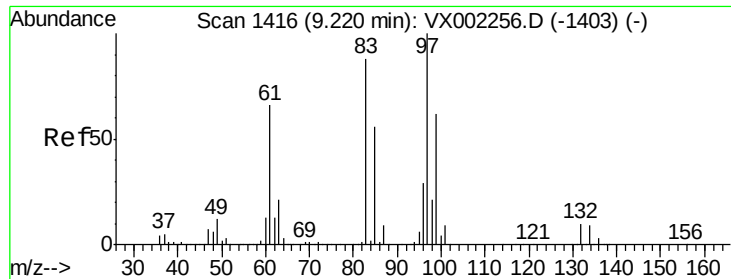
Tot Ion: 75 Resp: 192714
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.98 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion: 75 Resp: 181514
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 52.6 42.4 63.6



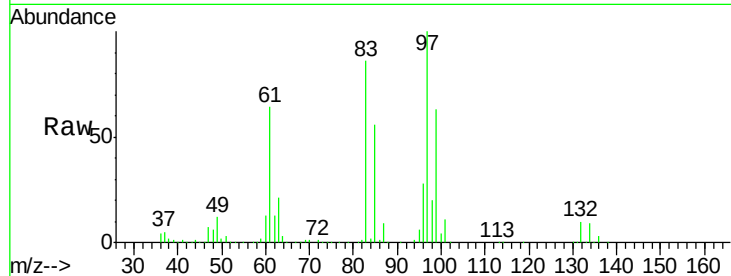


#55
 1,1,2-Trichloroethane
 Concen: 55.36 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

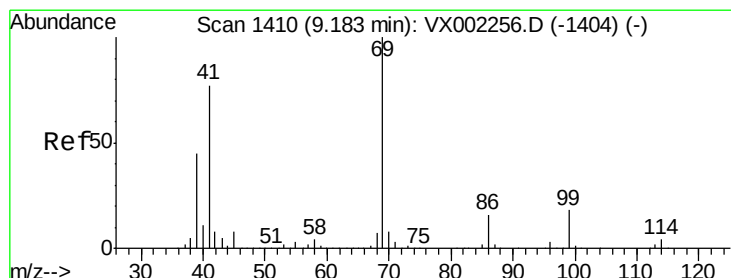
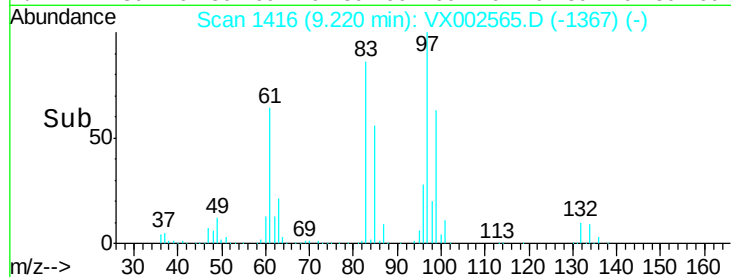
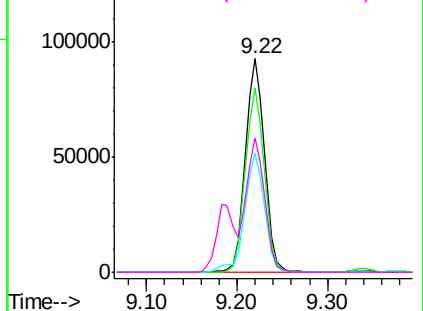
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 135044

Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.2
85	55.6	44.9	67.3
99	63.0	49.8	74.8



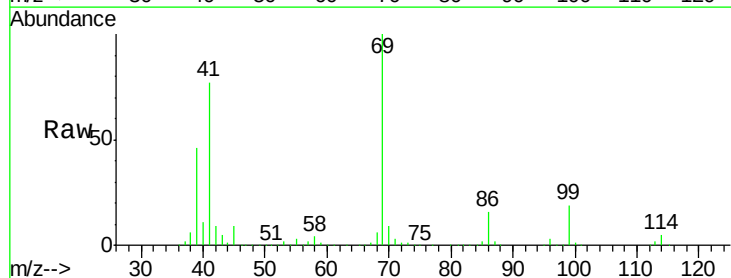
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



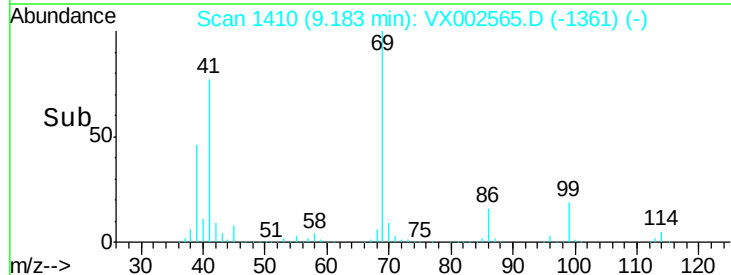
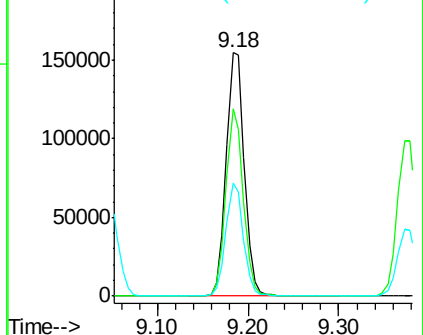
#56
 Ethyl methacrylate
 Concen: 55.45 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

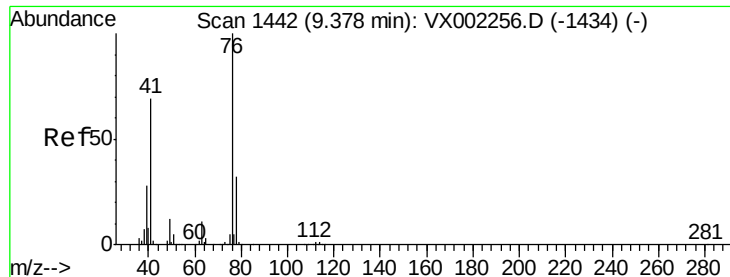
Tgt Ion: 69 Resp: 215924

Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	44.7	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

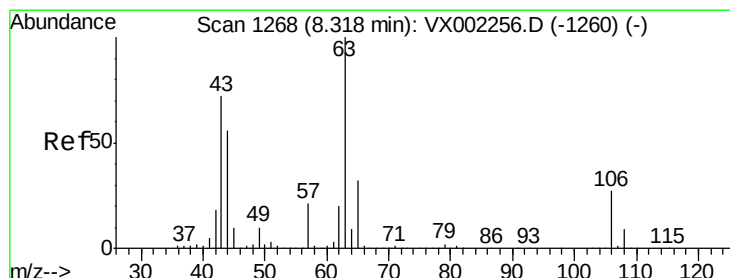
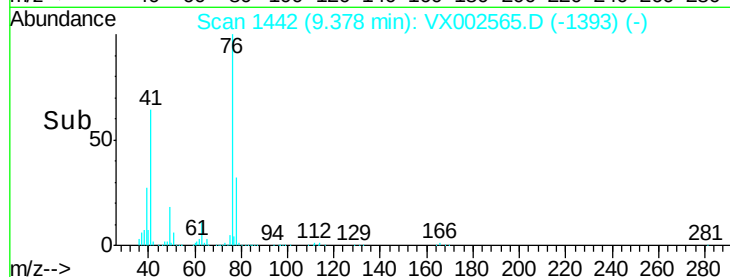
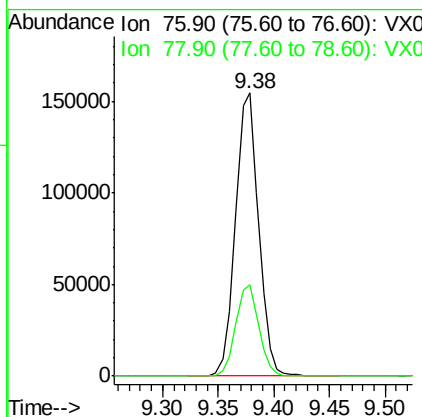
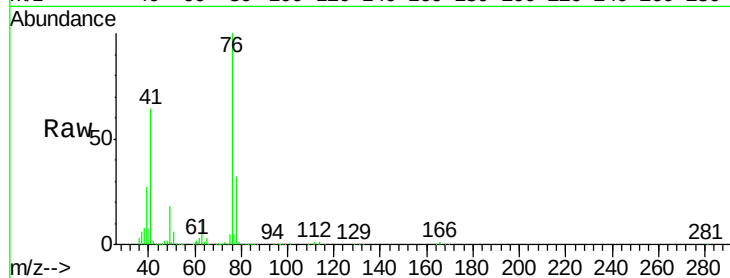




#57
 1,3-Dichloropropane
 Concen: 54.23 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

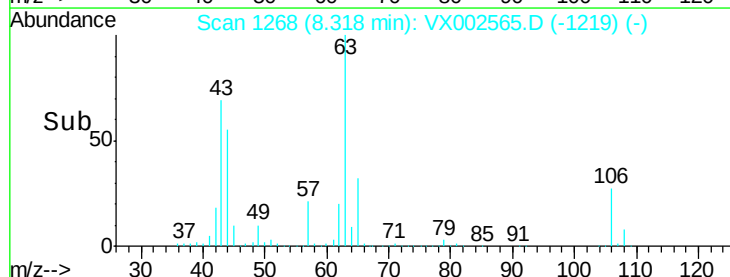
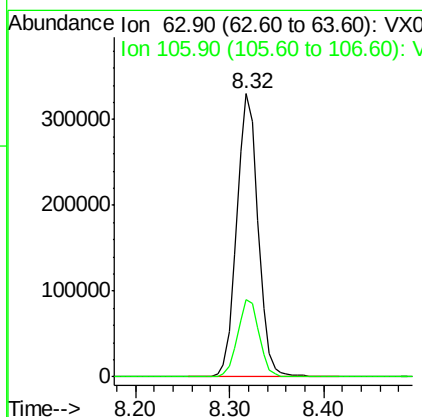
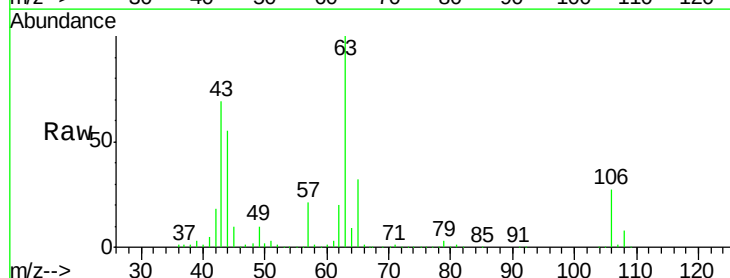
Instrument :
 MSVOA_X
 ClientSampled :

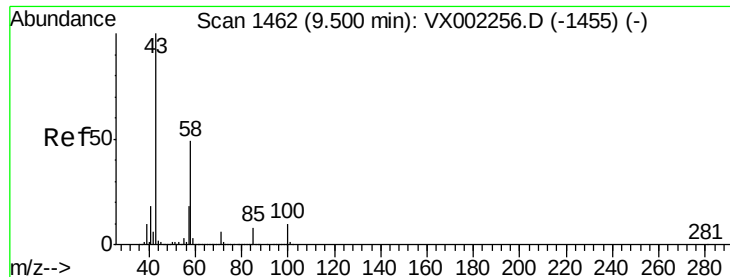
Tot Ion: 76 Resp: 221907
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.97 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 63 Resp: 519039
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.8 32.8

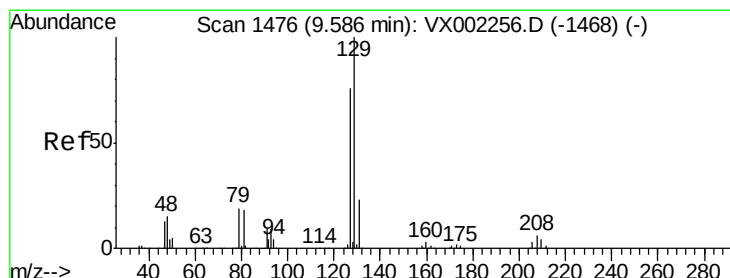
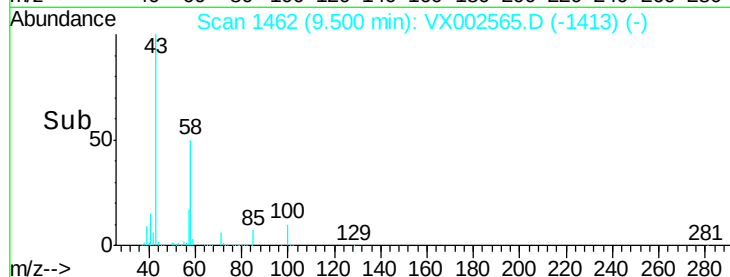
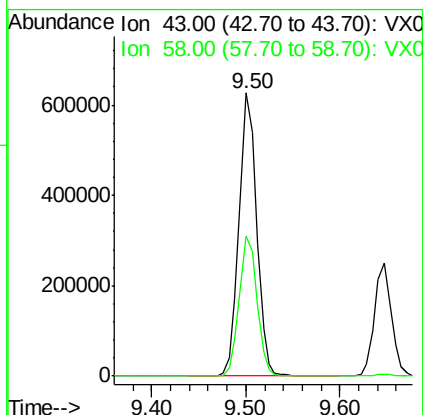
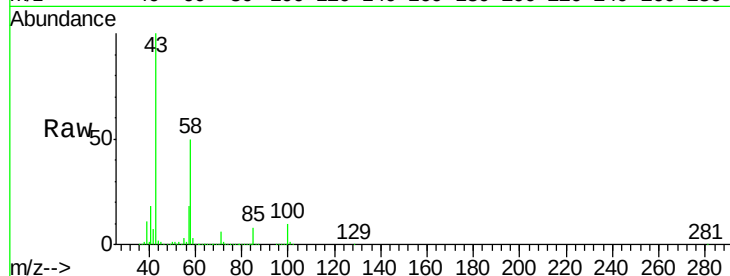




#59
2-Hexanone
Concen: 275.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

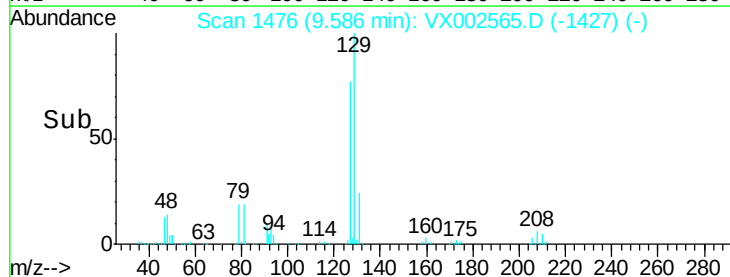
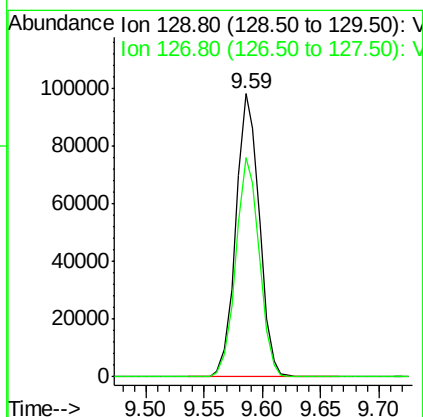
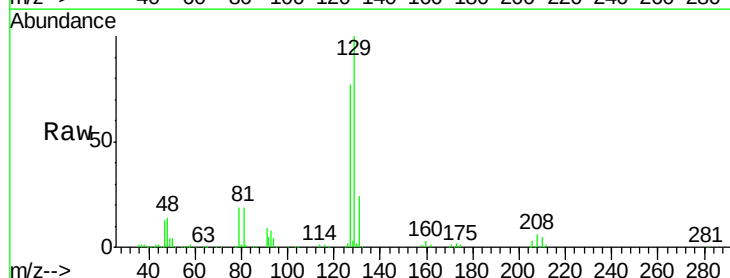
Instrument :
MSVOA_X
ClientSampleId :

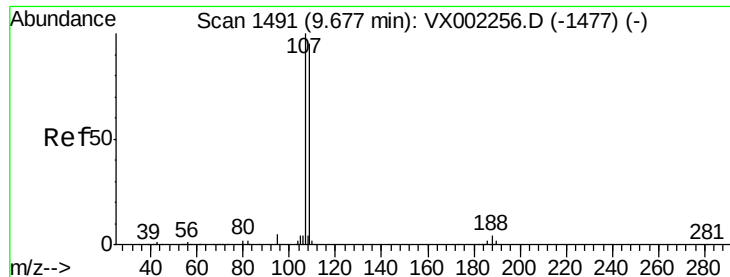
Tot Ion: 43 Resp: 824202
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 56.24 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion:129 Resp: 137982
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 55.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

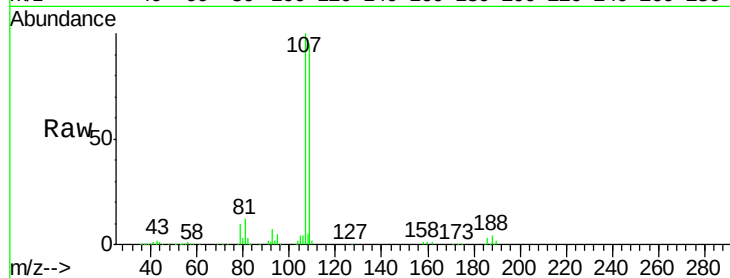
ClientSampled :

Tot Ion:107 Resp: 141633

Ion Ratio Lower Upper

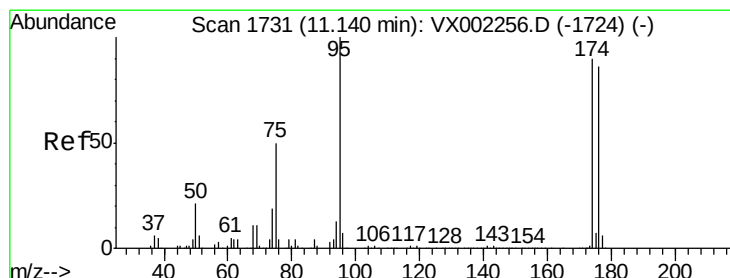
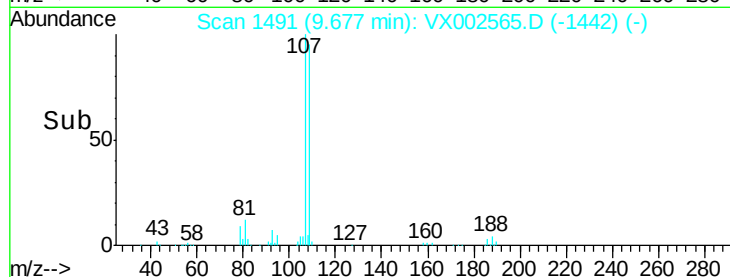
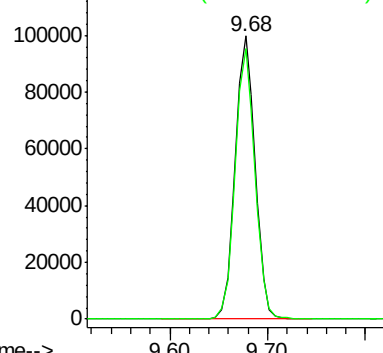
107 100

109 95.0 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: 47.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

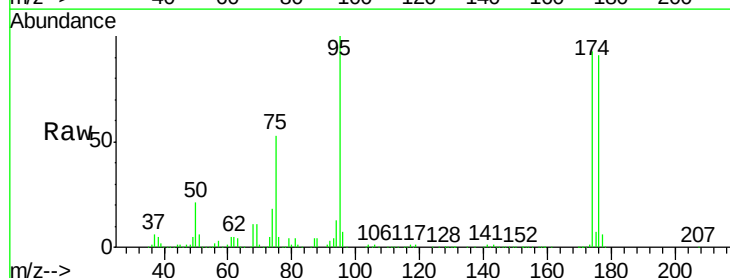
Tgt Ion: 95 Resp: 160399

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

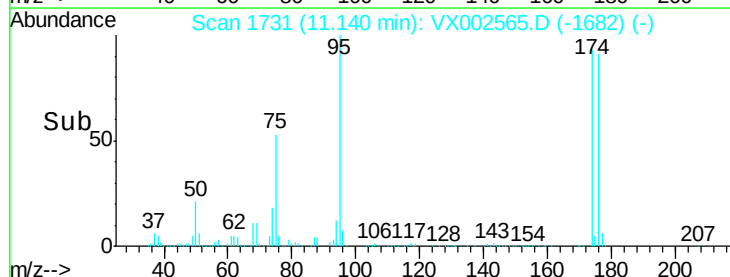
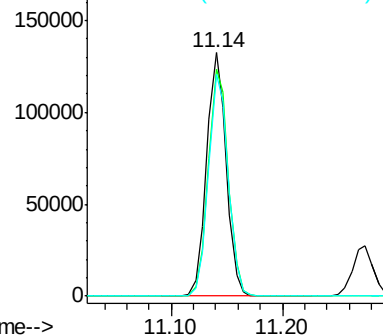
176 92.2 0.0 181.0

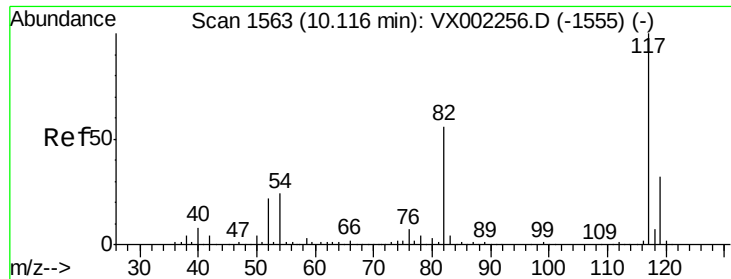


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

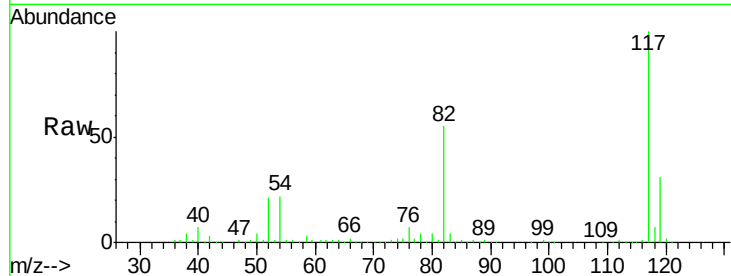




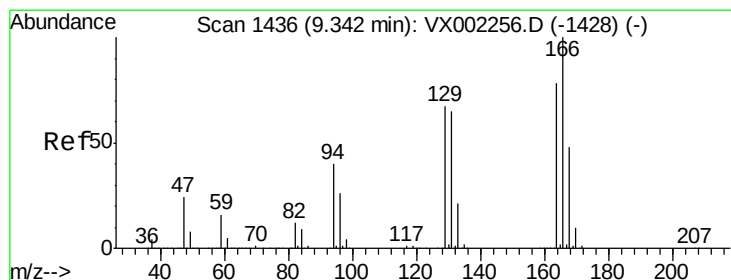
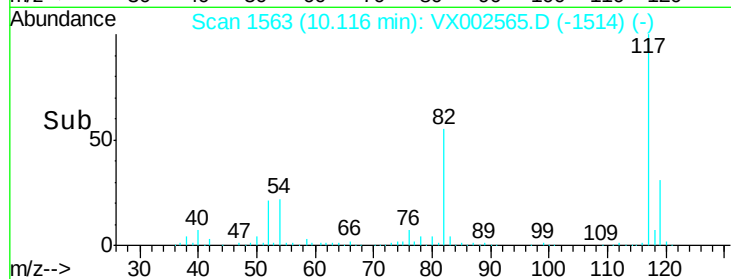
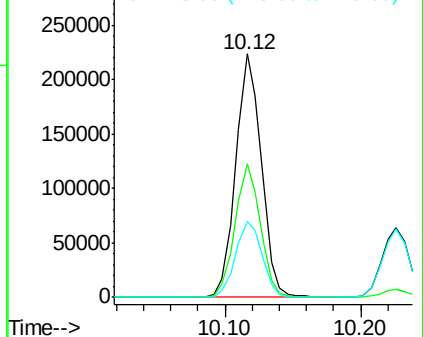
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 292702
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 31.3 25.8 38.6

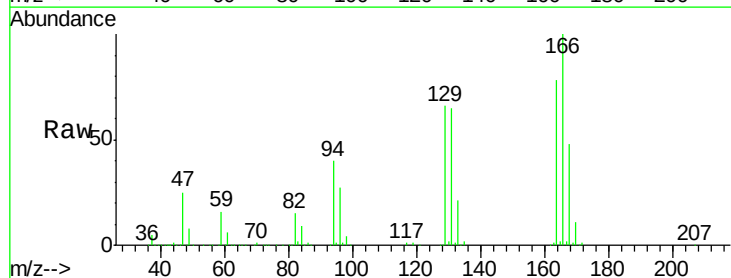


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

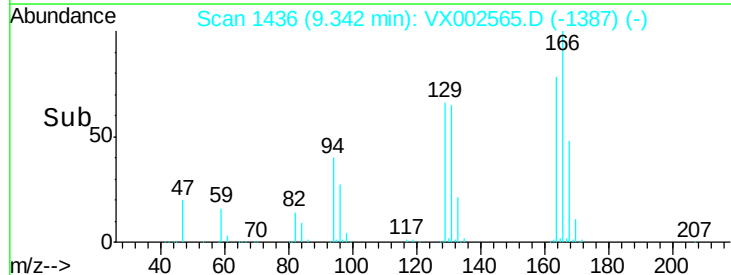
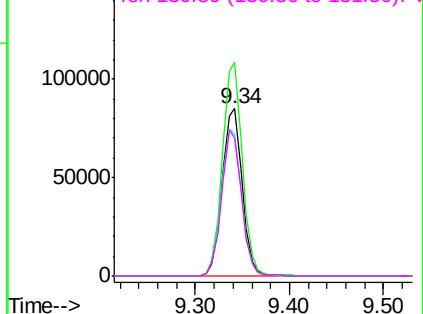


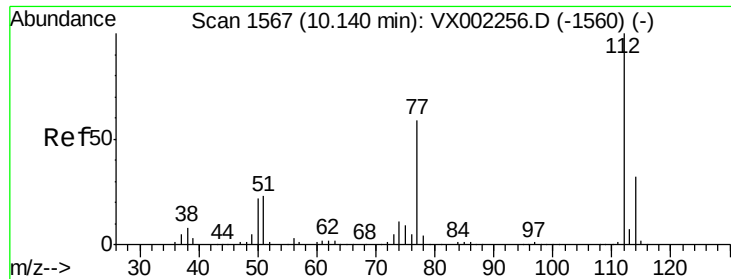
#64
Tetrachloroethene
Concen: 41.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion:164 Resp: 125663
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 84.7 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: 48.03 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

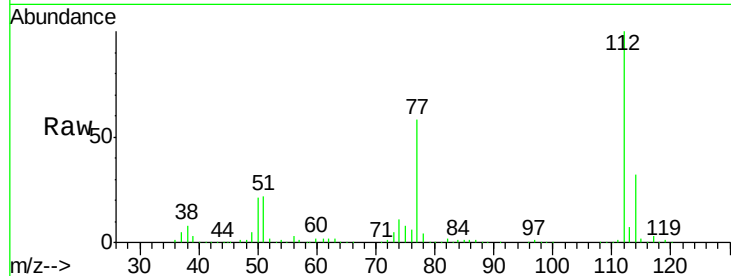
ClientSampled :

Tot Ion:112 Resp: 349800

Ion Ratio Lower Upper

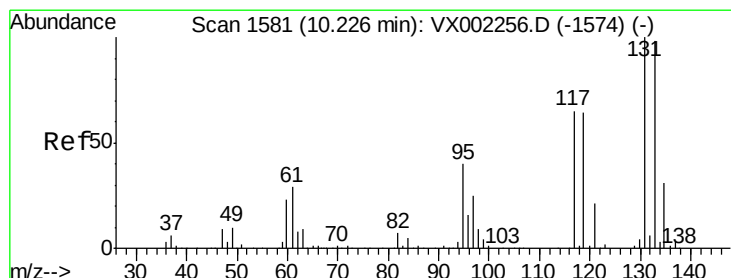
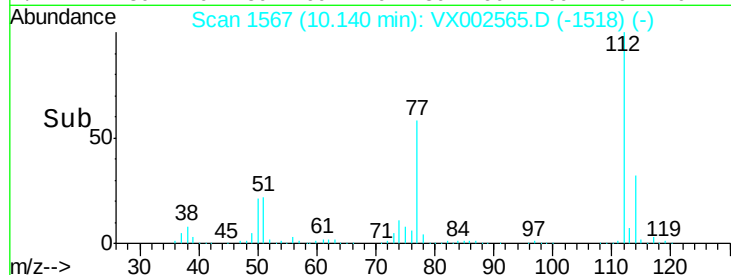
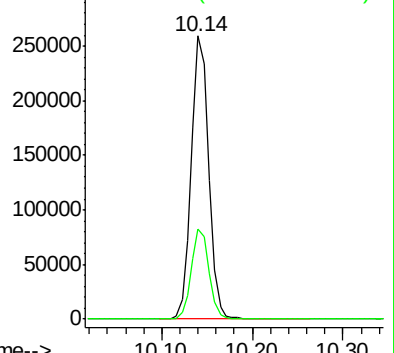
112 100

114 32.0 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: 51.00 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

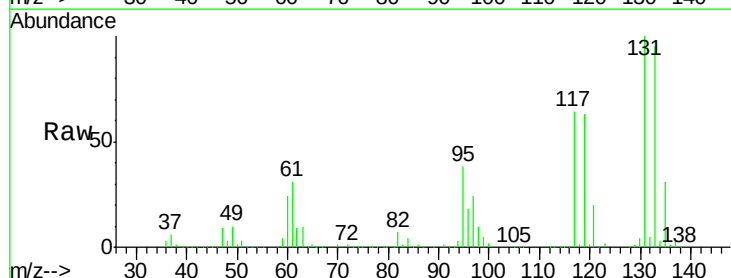
Tgt Ion:131 Resp: 134487

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

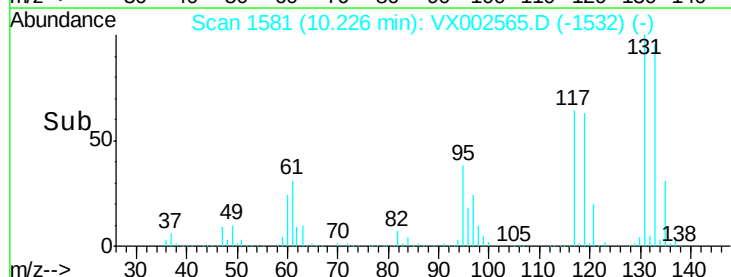
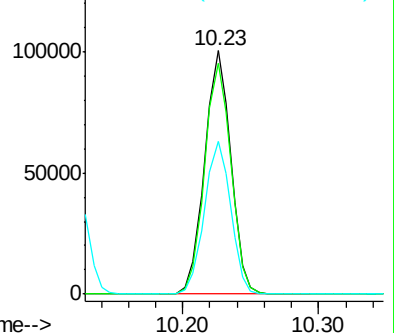
119 63.3 31.8 95.3

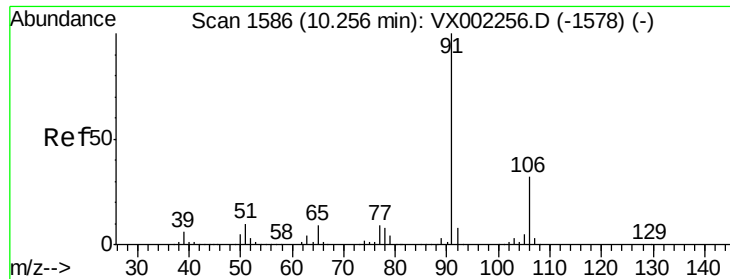


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.02 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

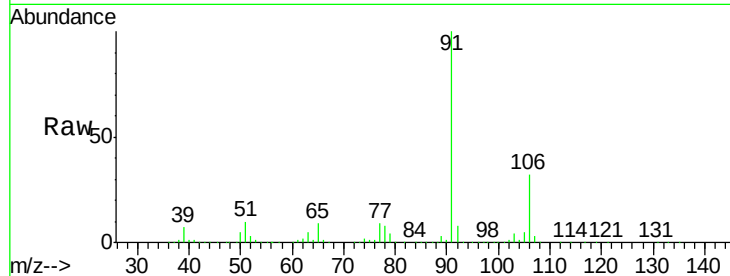
ClientSampleId :

Tot Ion: 91 Resp: 560962

Ion Ratio Lower Upper

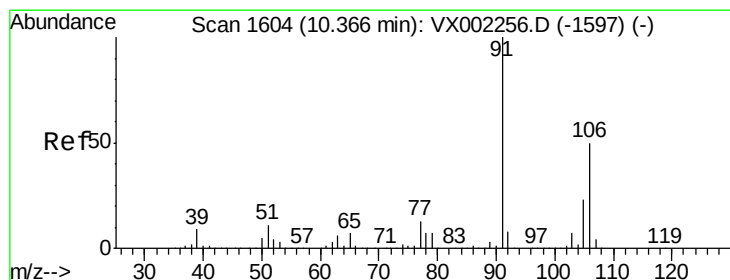
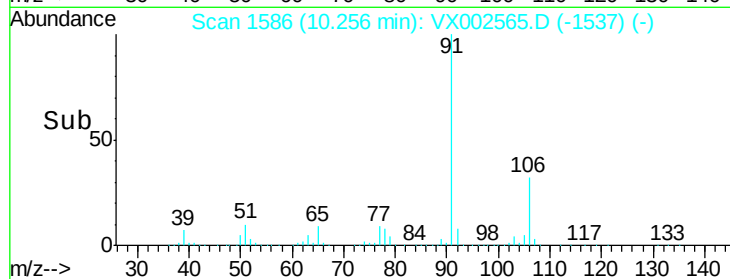
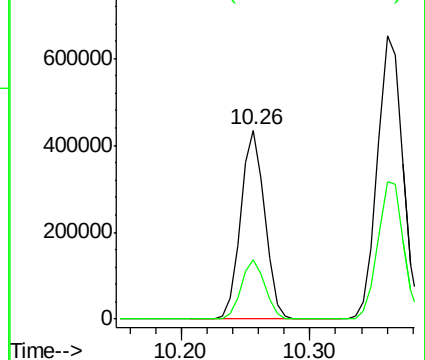
91 100

106 31.6 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-Xylenes

Concen: 91.17 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002565.D

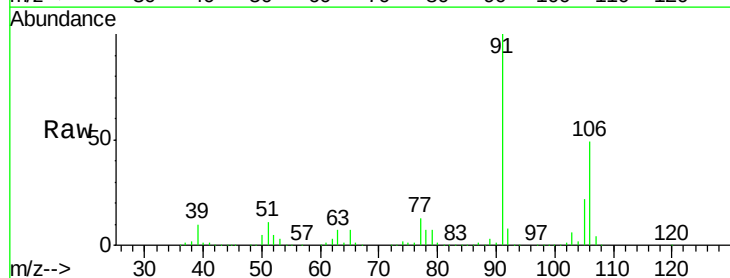
Acq: 14 Jun 2018 21:12

Tgt Ion: 106 Resp: 431965

Ion Ratio Lower Upper

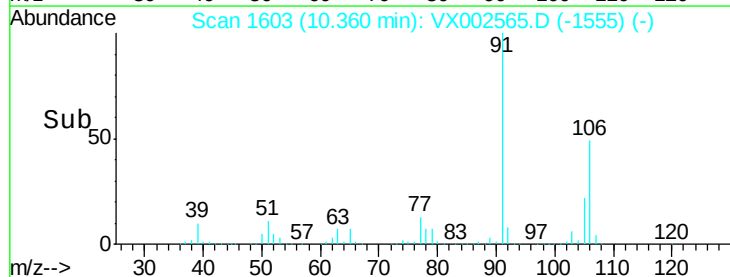
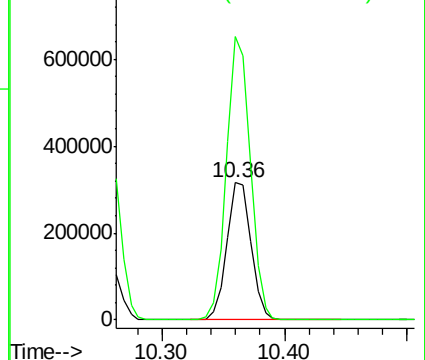
106 100

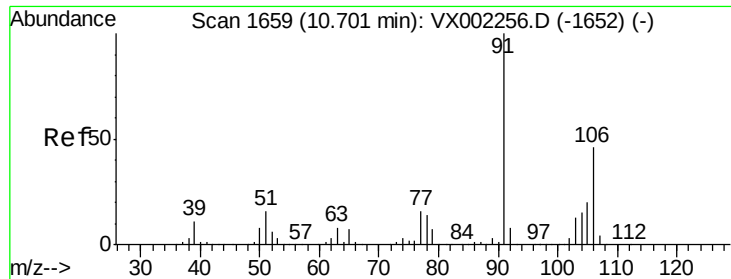
91 202.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

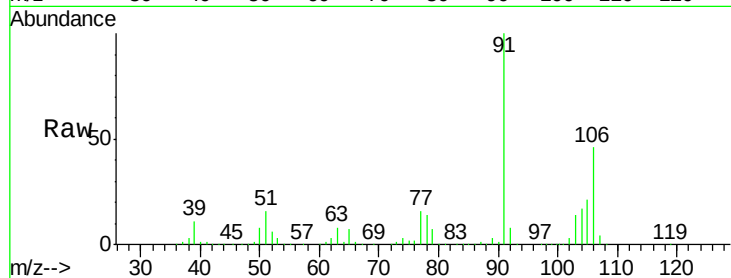




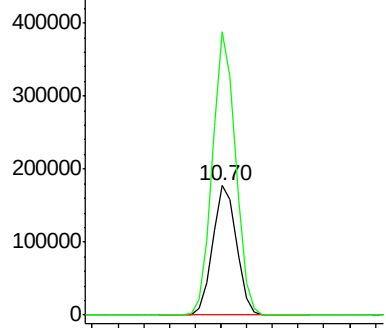
#69
o-Xylene
Concen: 47.87 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampled :

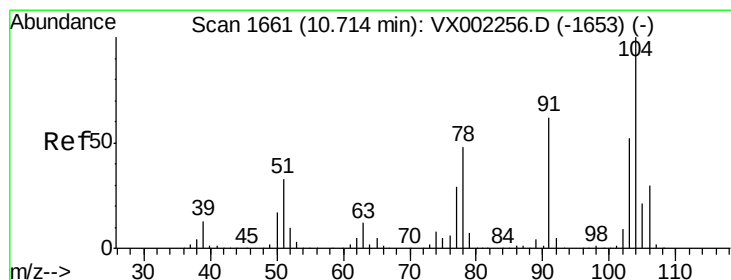
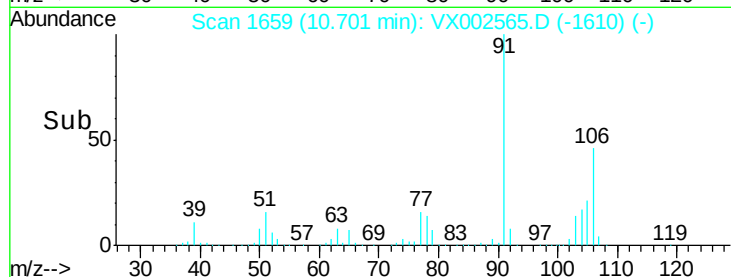
Tot Ion:106 Resp: 225699
Ion Ratio Lower Upper
106 100
91 213.2 108.2 324.6



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

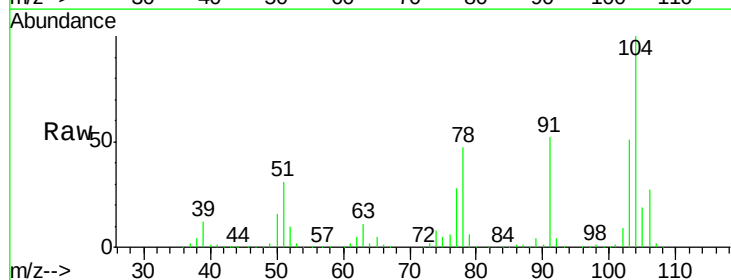


Time--> 10.60 10.70 10.80

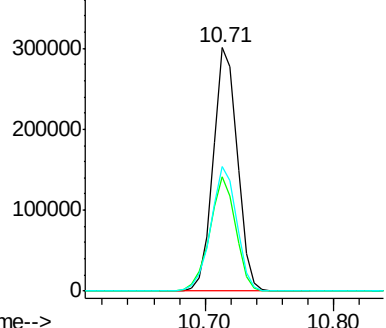


#70
Styrene
Concen: 50.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

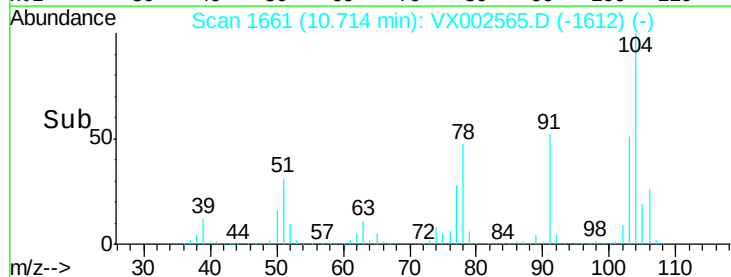
Tgt Ion:104 Resp: 387381
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.0 44.2 66.4

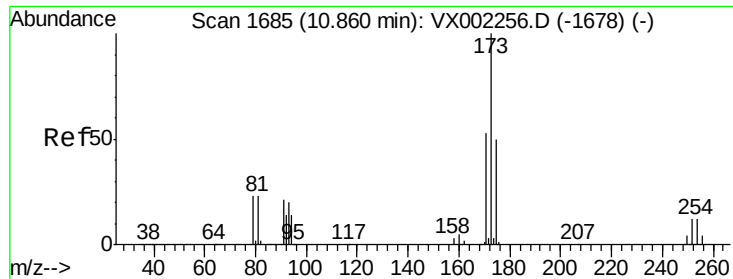


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80





#71

Bromoform

Concen: 46.59 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampled :

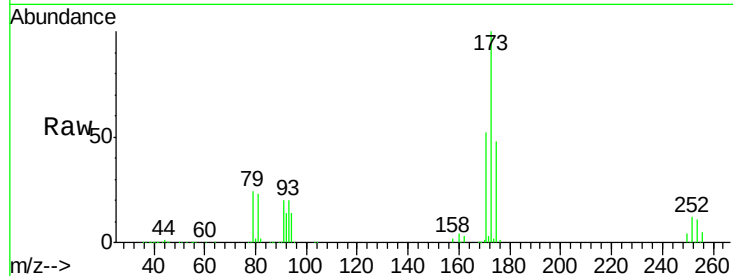
Tot Ion:173 Resp: 109439

Ion Ratio Lower Upper

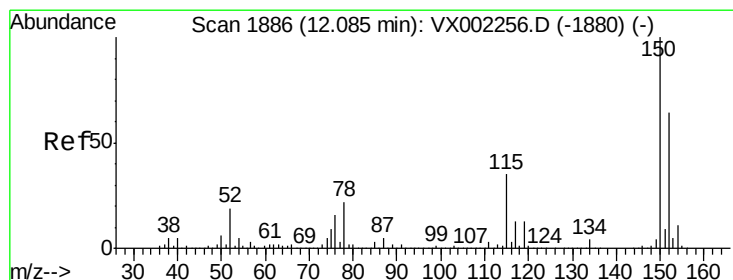
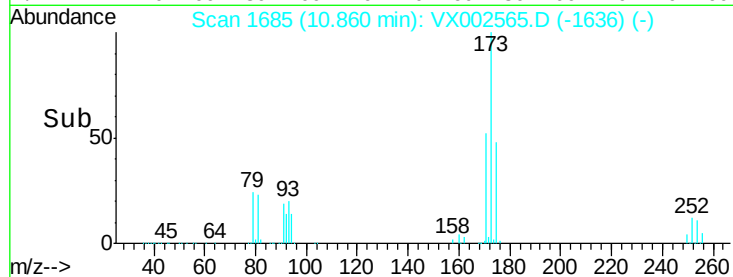
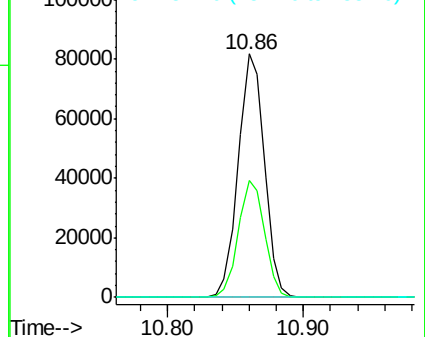
173 100

175 48.1 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

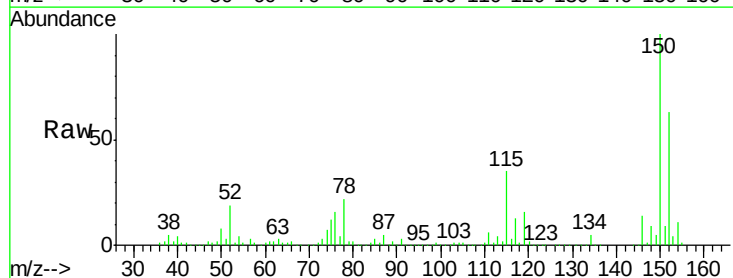
Tgt Ion:152 Resp: 187103

Ion Ratio Lower Upper

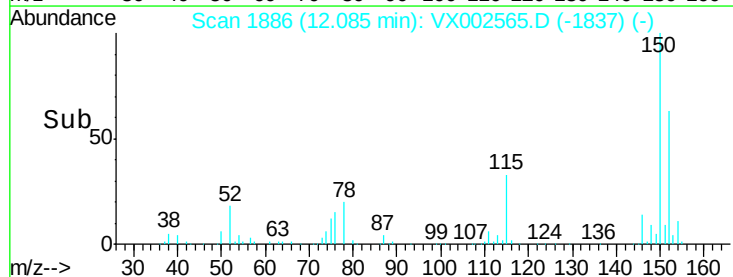
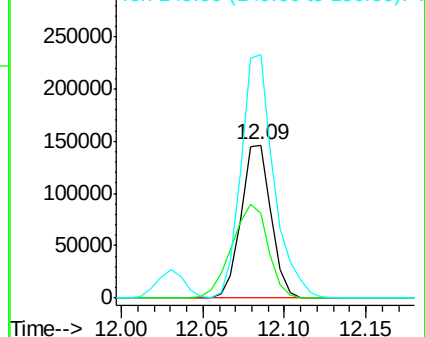
152 100

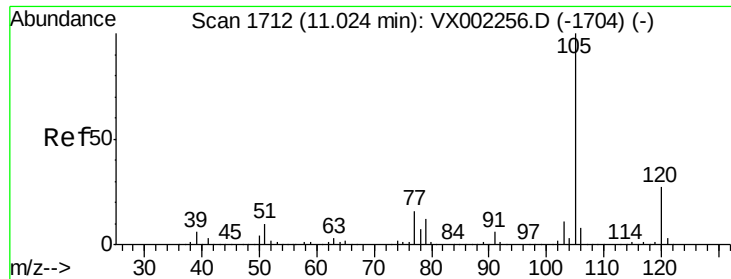
115 74.5 40.1 120.2

150 174.0 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: 42.46 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

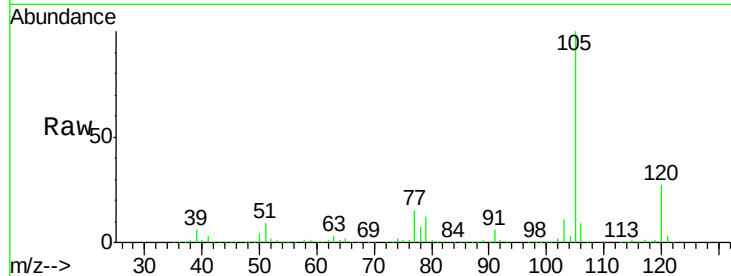
ClientSampleId :

Tot Ion:105 Resp: 552674

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

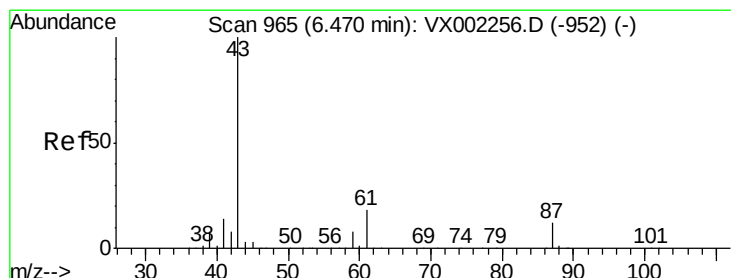
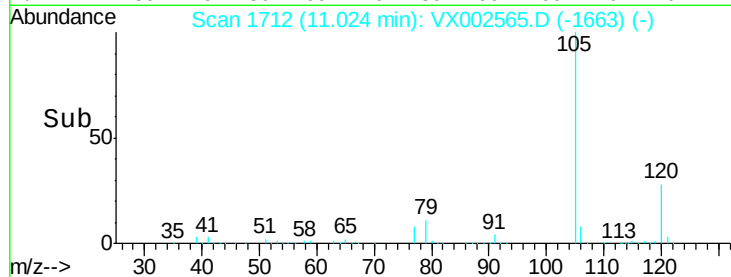
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion: 43 Resp: 334833

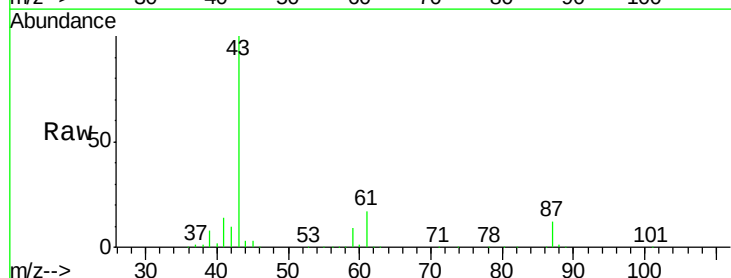
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.47

200000

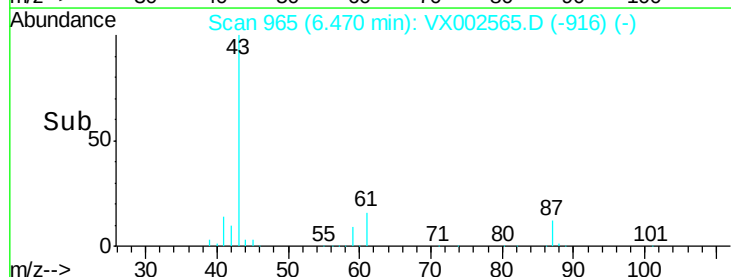
150000

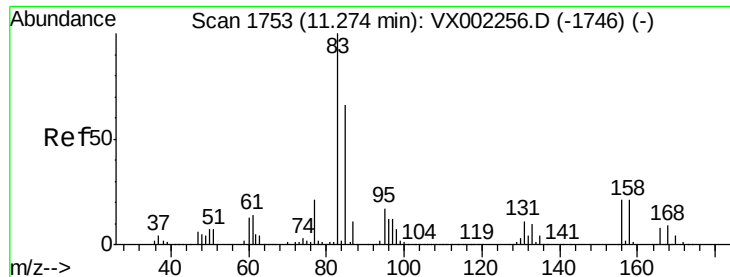
100000

50000

0

Time--> 6.30 6.40 6.50 6.60 6.70





#75

1,1,2,2-Tetrachloroethane

Concen: 51.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

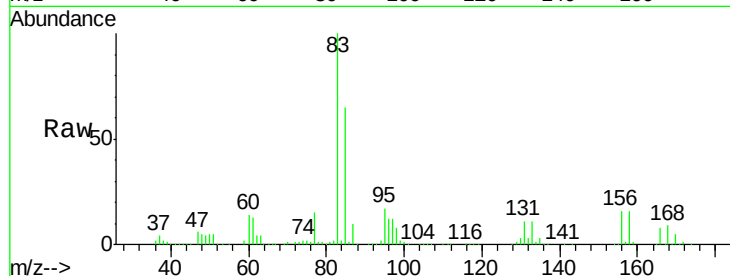
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 209173

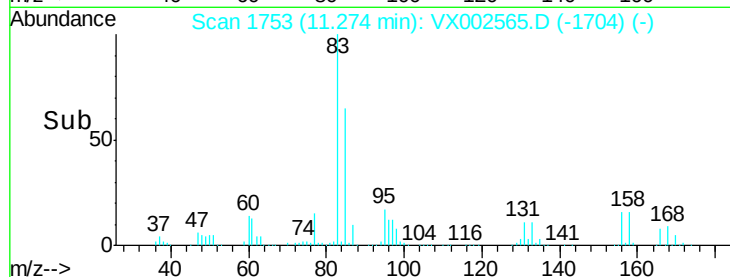
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.6	16.8
85	64.6	32.4	97.2



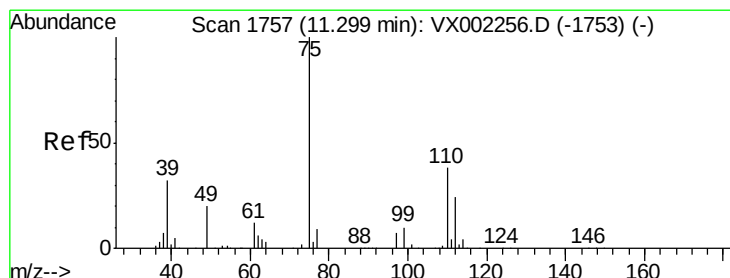
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 57.93 ug/l

RT: 11.30 min Scan# 1757

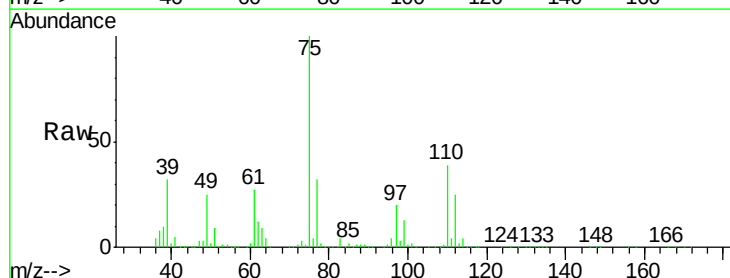
Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

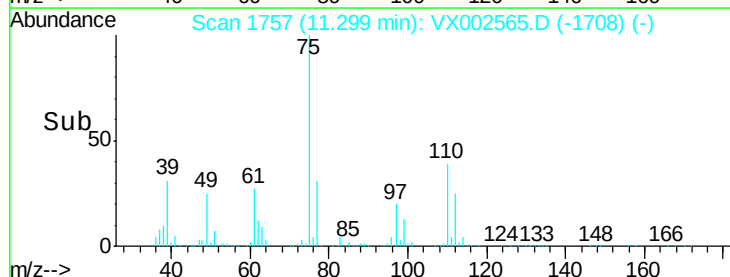
Tgt Ion: 75 Resp: 237831

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.8	68.3

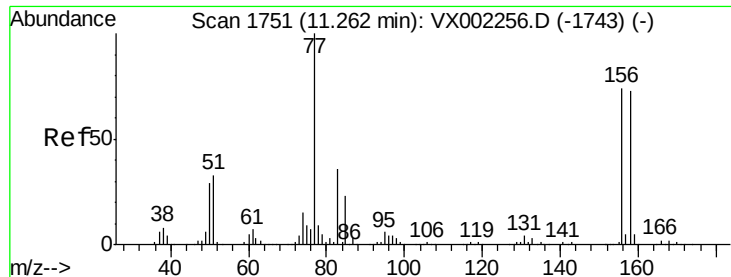


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 48.20 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

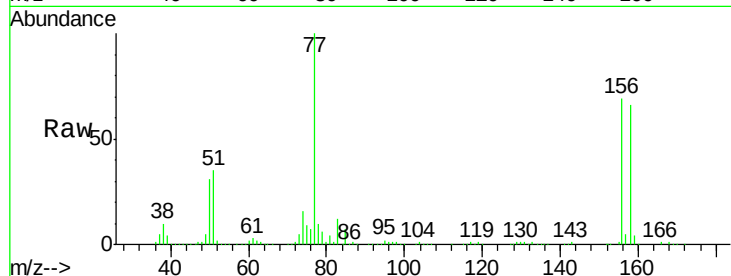
Tot Ion:156 Resp: 176129

Ion Ratio Lower Upper

156 100

77 138.2 71.4 214.2

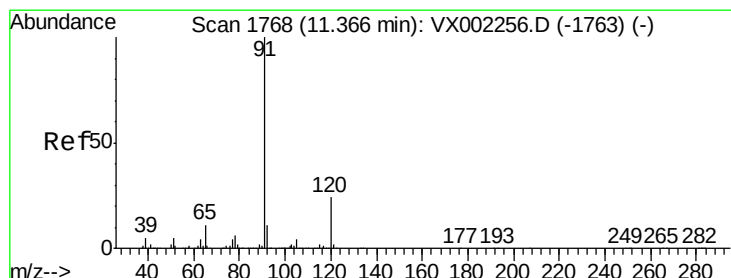
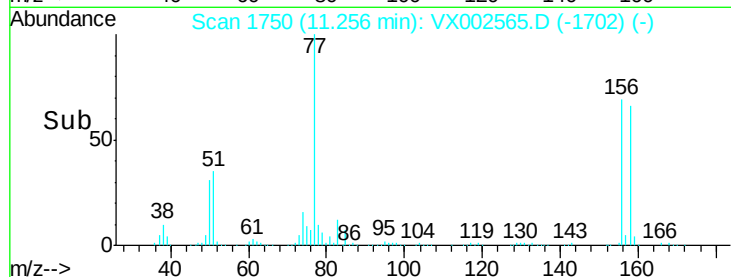
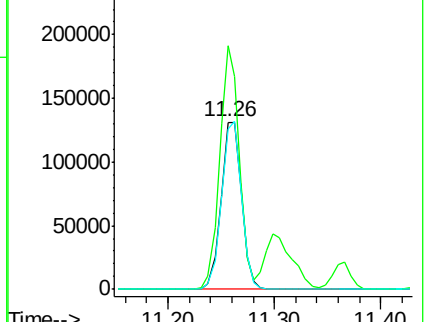
158 98.0 48.9 146.6



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: 42.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002565.D

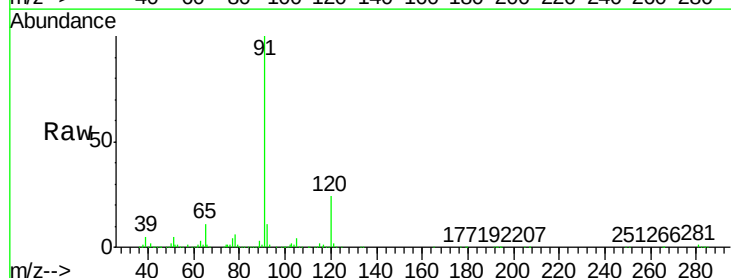
Acq: 14 Jun 2018 21:12

Tgt Ion: 91 Resp: 621160

Ion Ratio Lower Upper

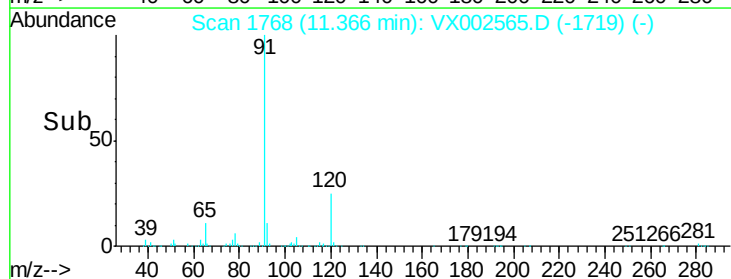
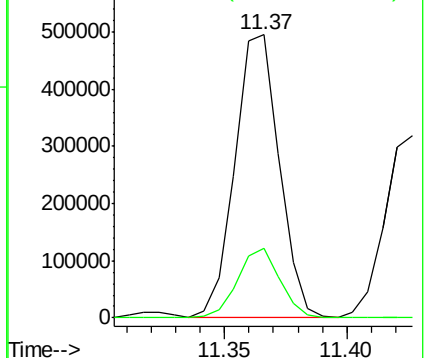
91 100

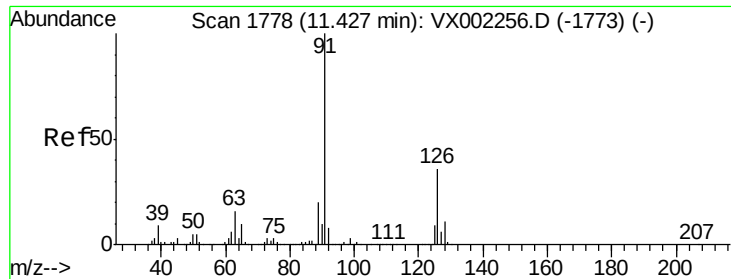
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

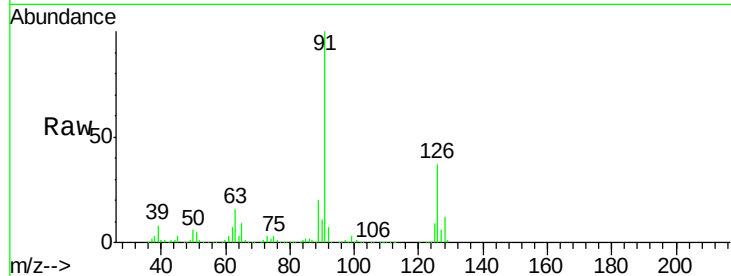
ClientSampleId :

Tot Ion: 91 Resp: 406424

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

200000

100000

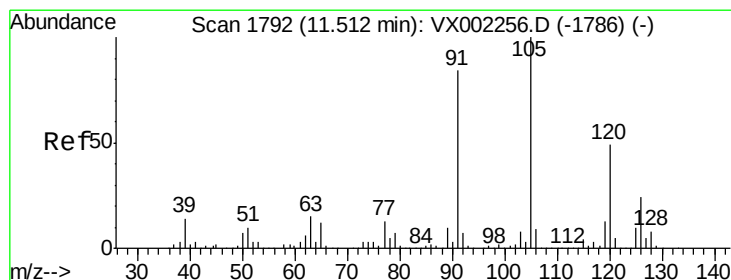
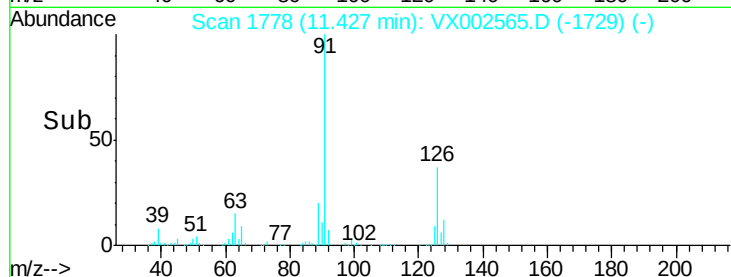
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 43.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002565.D

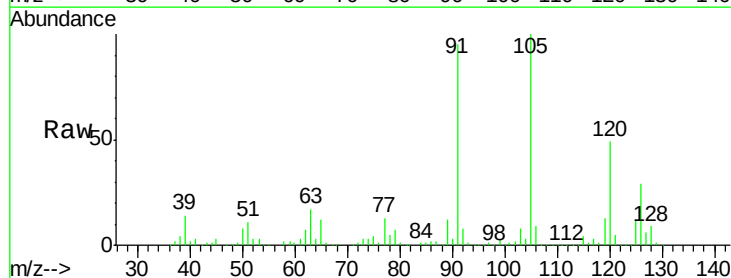
Acq: 14 Jun 2018 21:12

Tgt Ion:105 Resp: 486113

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

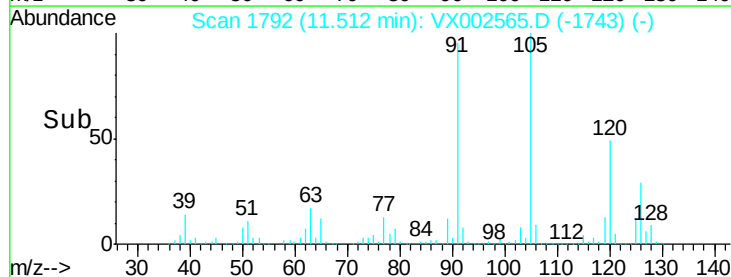
0

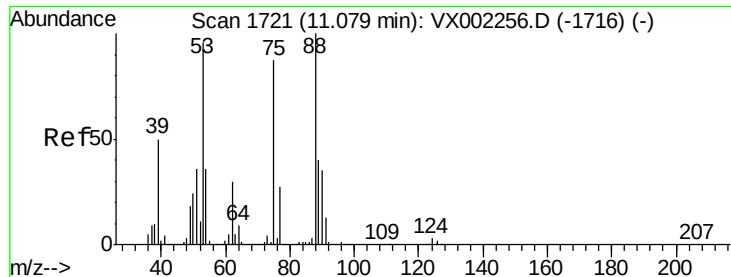
11.50

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 44.86 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampled :

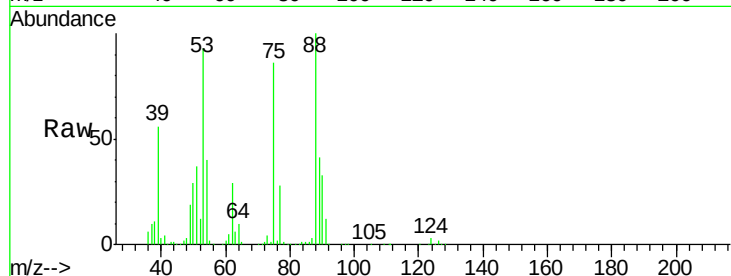
Tot Ion: 75 Resp: 52541

Ion Ratio Lower Upper

75 100

53 113.4 86.8 130.2

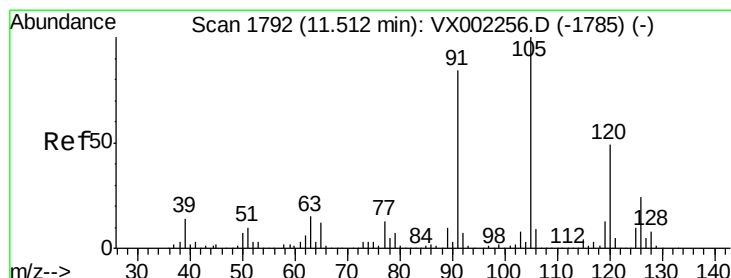
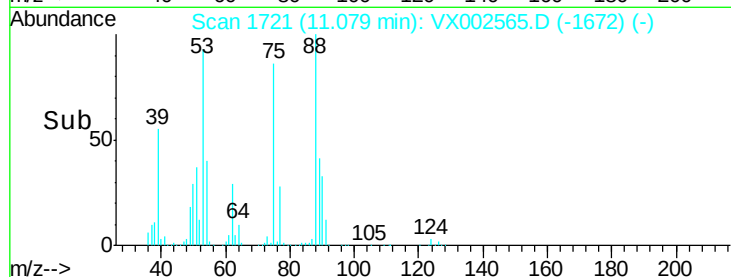
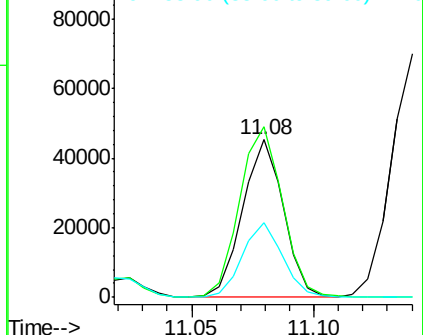
89 47.0 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002565.D

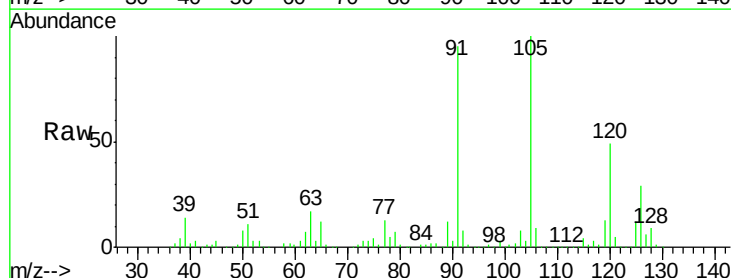
Acq: 14 Jun 2018 21:12

Tgt Ion: 91 Resp: 480579

Ion Ratio Lower Upper

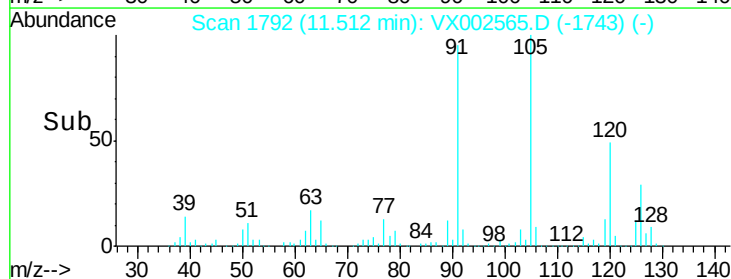
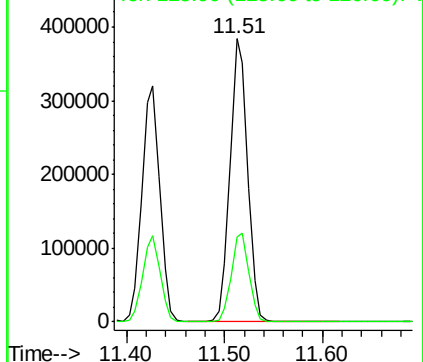
91 100

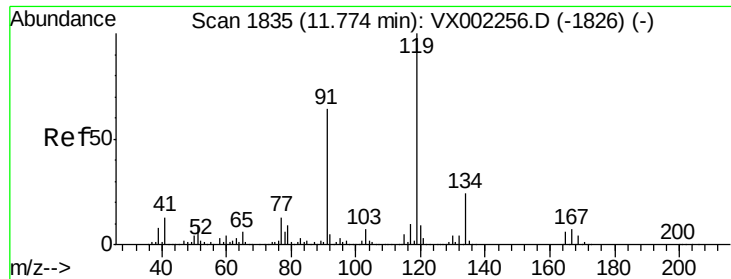
126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

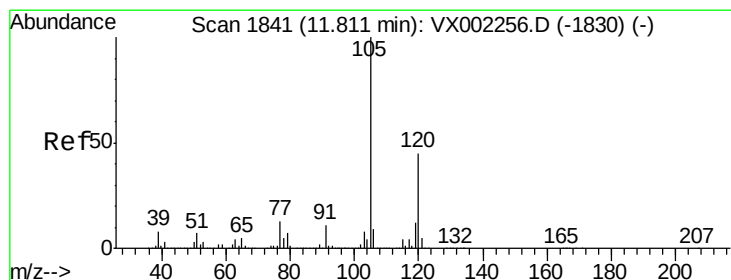
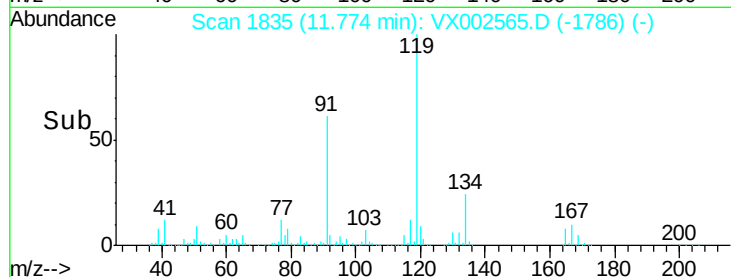
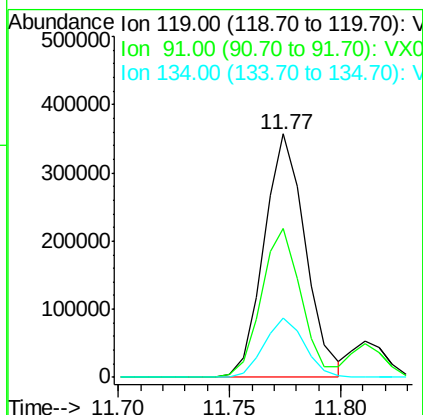
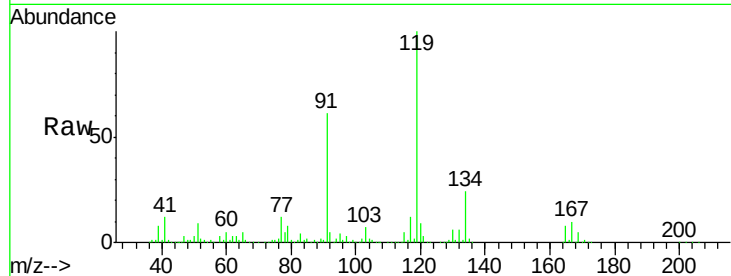




#83
 tert-Butylbenzene
 Concen: 42.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

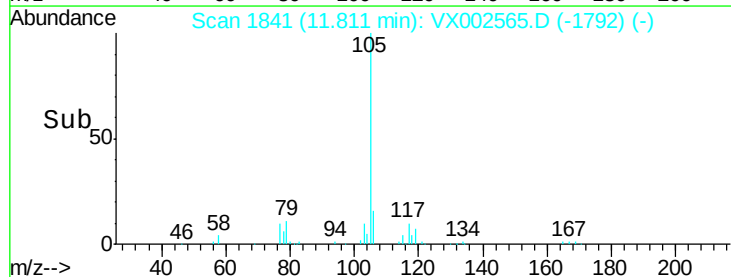
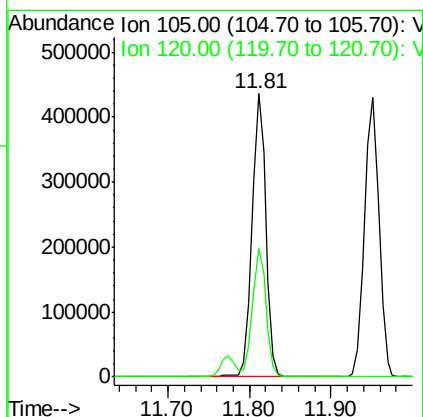
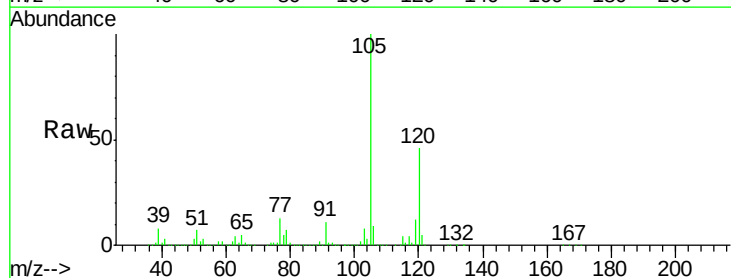
Instrument :
 MSVOA_X
 ClientSampleId :

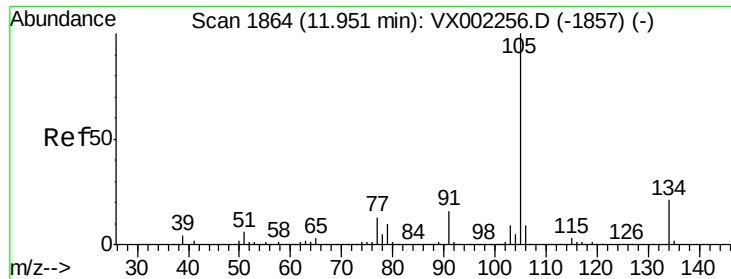
Tot Ion:119 Resp: 460695
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 45.24 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion:105 Resp: 519948
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 41.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

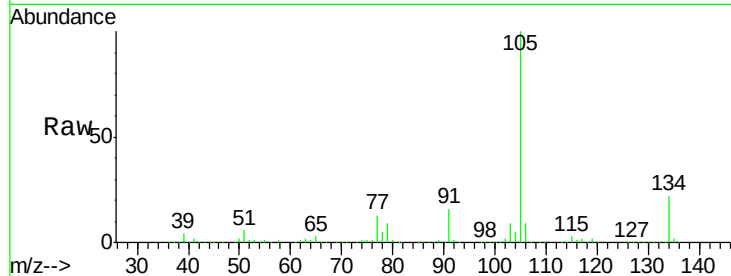
ClientSampleId :

Tot Ion:105 Resp: 523263

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

11.95

400000

300000

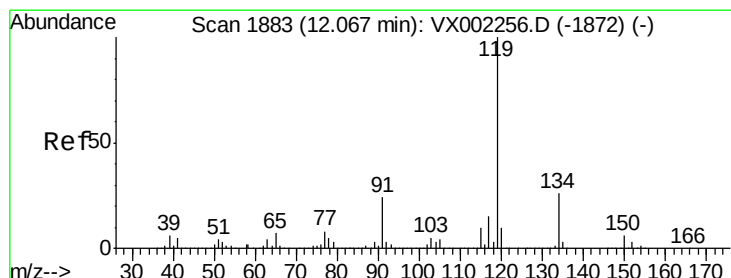
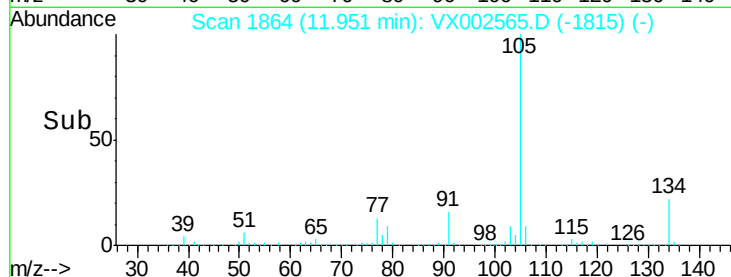
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 41.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

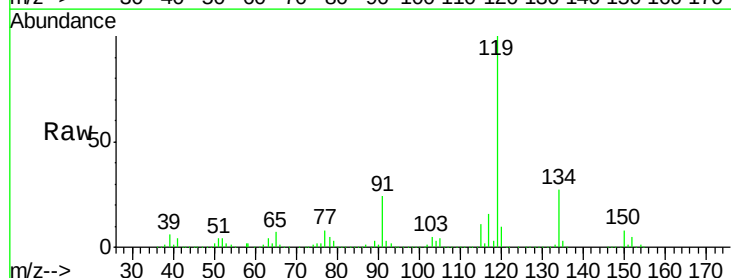
Tgt Ion:119 Resp: 486685

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

500000

400000

300000

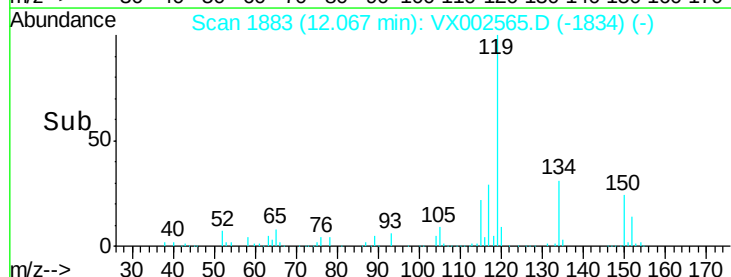
200000

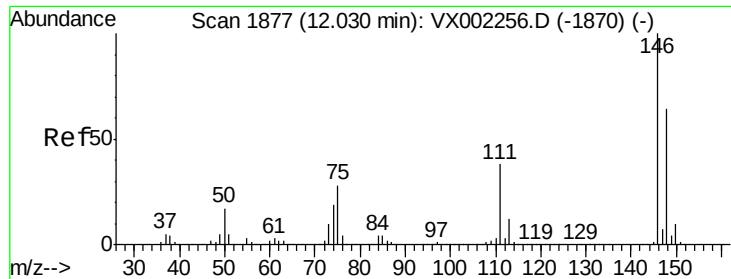
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 47.33 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

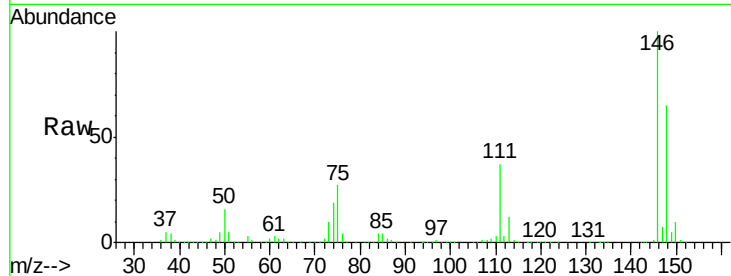
Tot Ion:146 Resp: 309241

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

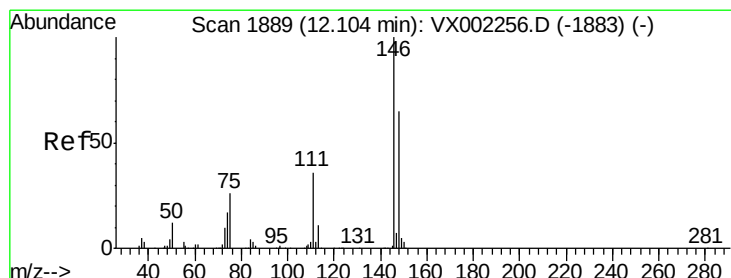
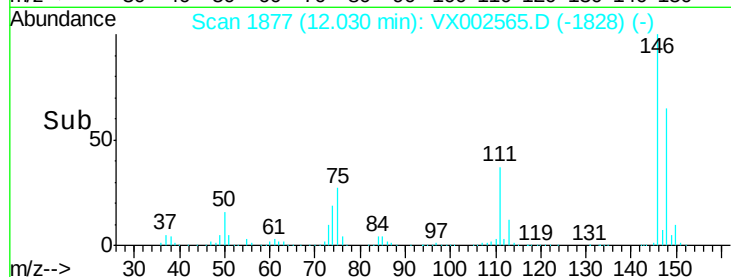
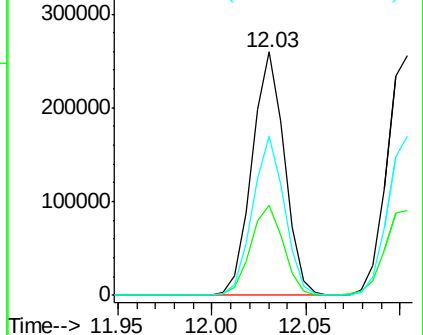
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.59 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

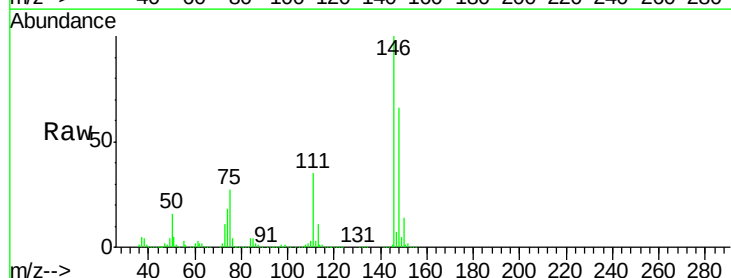
Tgt Ion:146 Resp: 313758

Ion Ratio Lower Upper

146 100

111 36.9 18.7 56.1

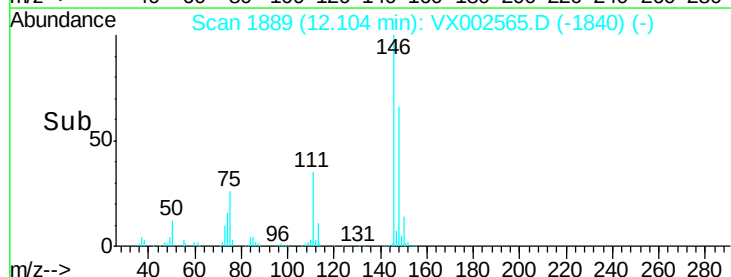
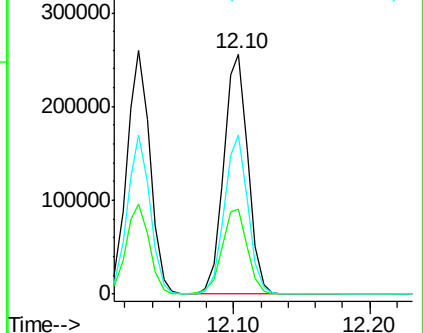
148 64.6 32.4 97.0

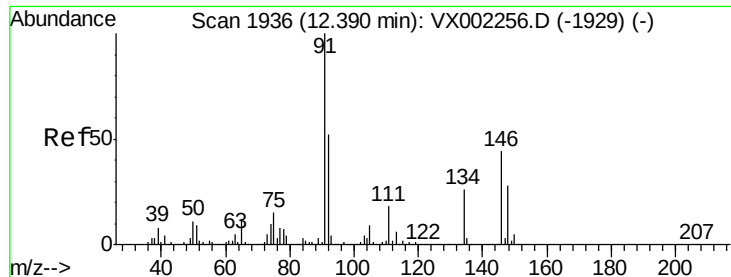


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

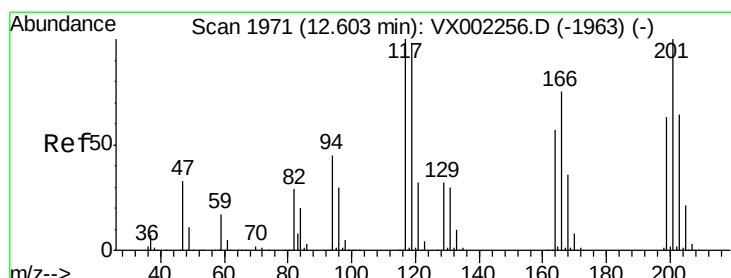
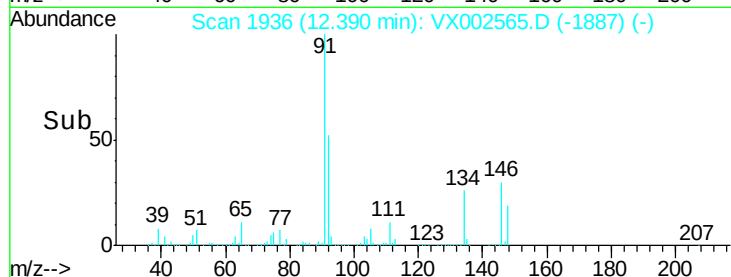
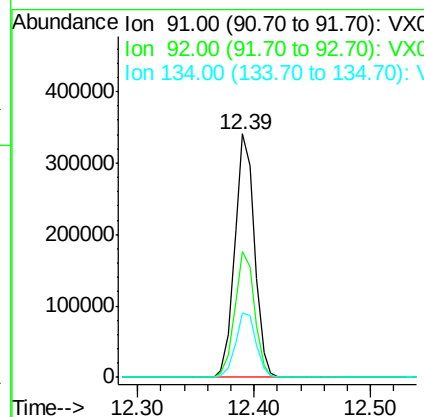
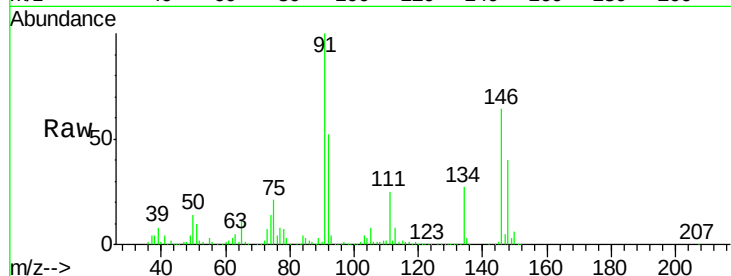




#89
n-Butylbenzene
Concen: 41.11 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

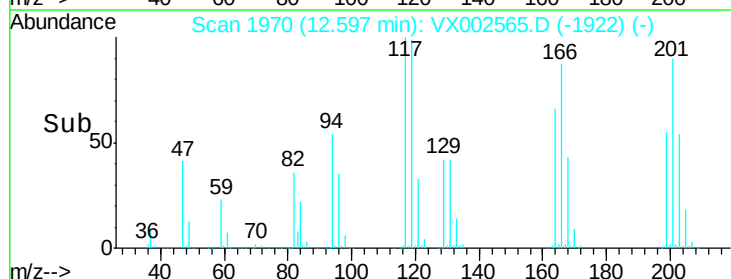
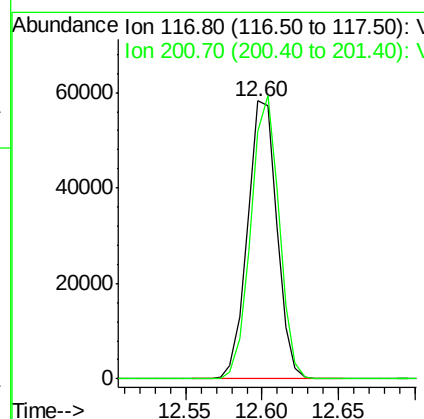
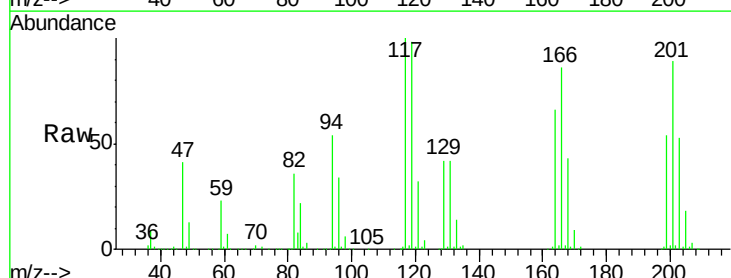
Instrument :
MSVOA_X
ClientSampleId :

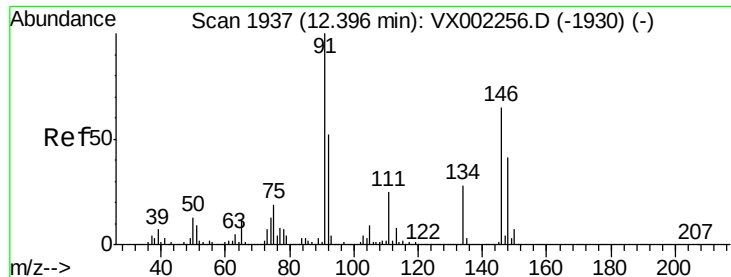
Tot Ion: 91 Resp: 400270
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 27.7 13.5 40.5



#90
Hexachloroethane
Concen: 41.86 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion: 117 Resp: 77565
Ion Ratio Lower Upper
117 100
201 97.8 49.0 147.0

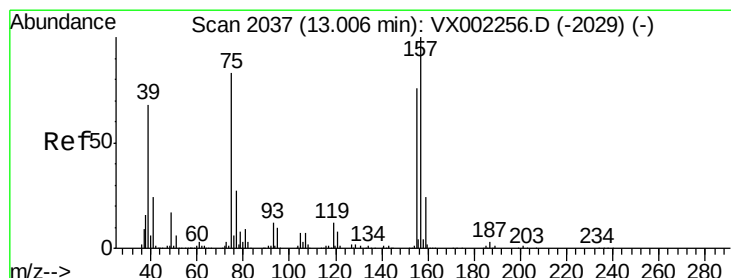
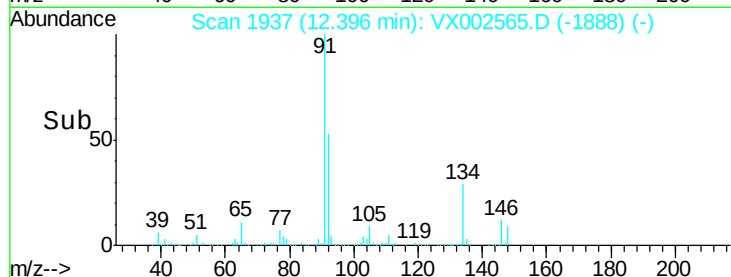
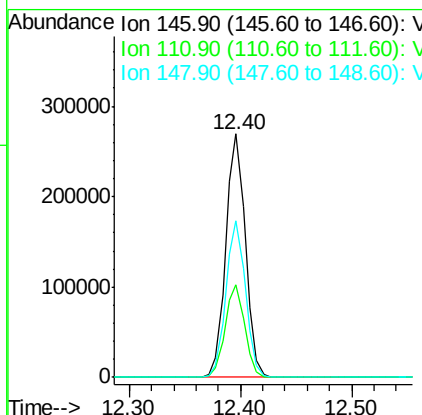
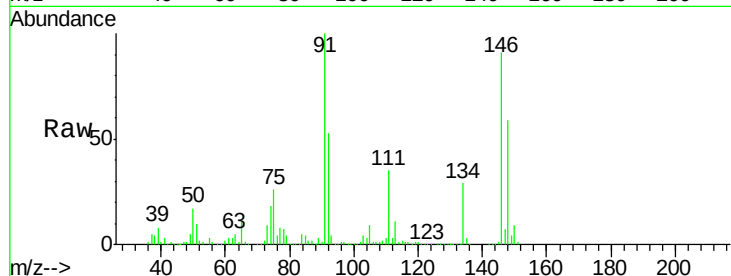




#91
 1,2-Dichlorobenzene
 Concen: 48.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

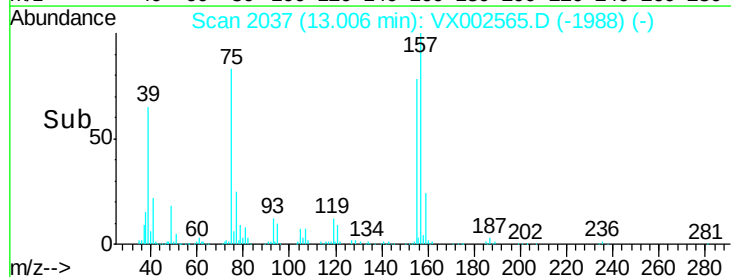
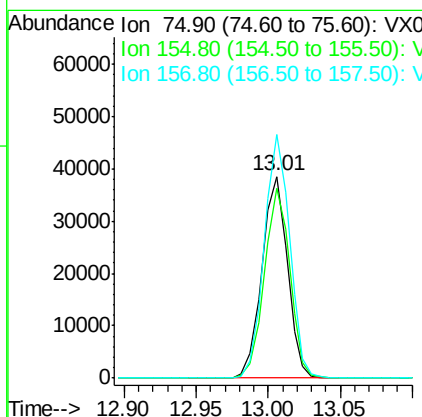
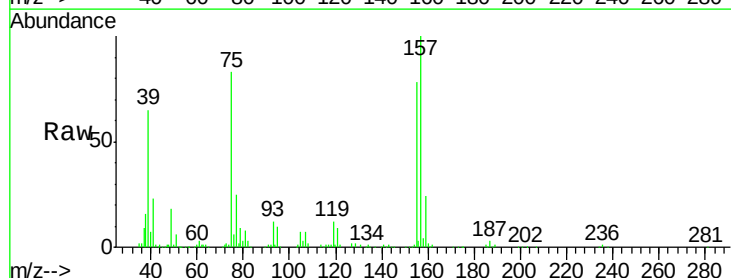
Instrument :
 MSVOA_X
 ClientSampleId :

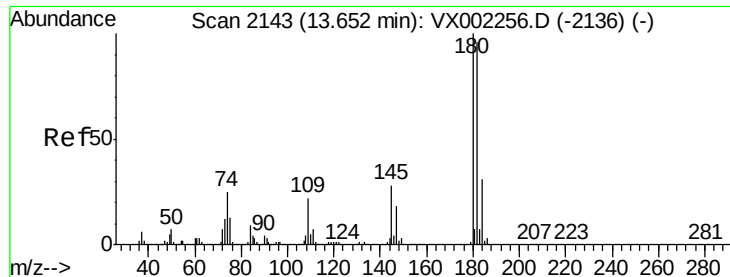
Tot Ion:146 Resp: 326734
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 75 Resp: 46846
 Ion Ratio Lower Upper
 75 100
 155 94.1 45.8 137.4
 157 120.3 60.1 180.3

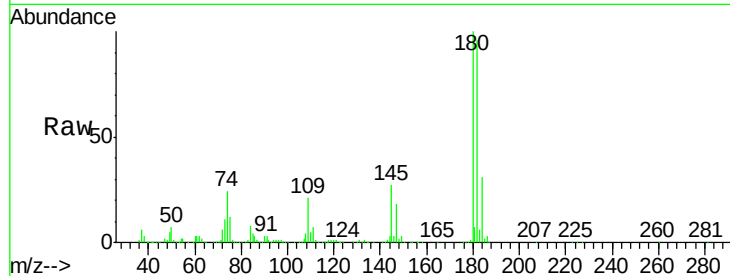




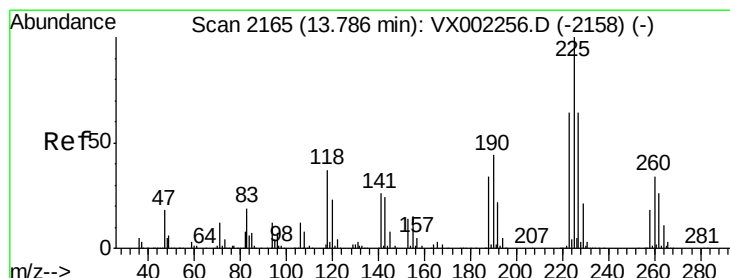
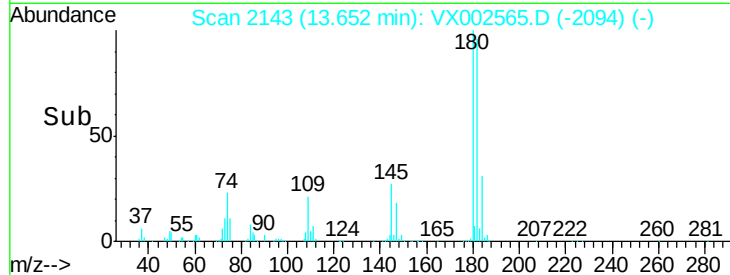
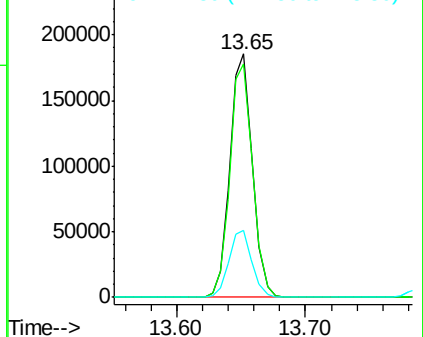
#93
 1,2,4-Trichlorobenzene
 Concen: 47.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 227071
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 28.0 14.1 42.4

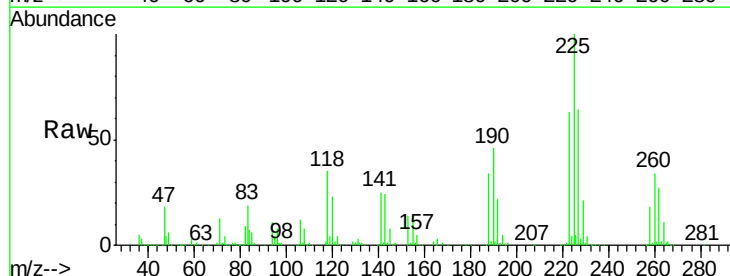


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

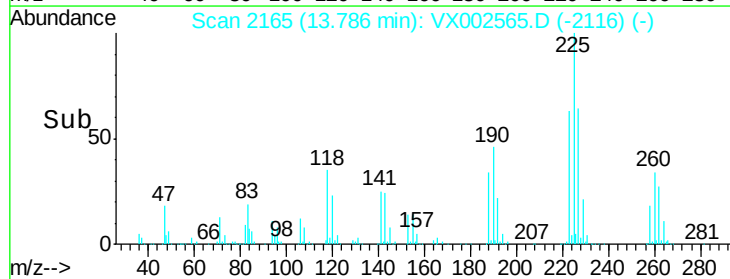
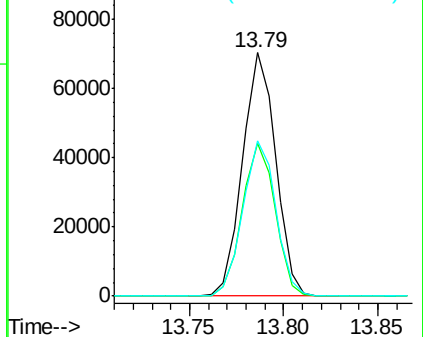


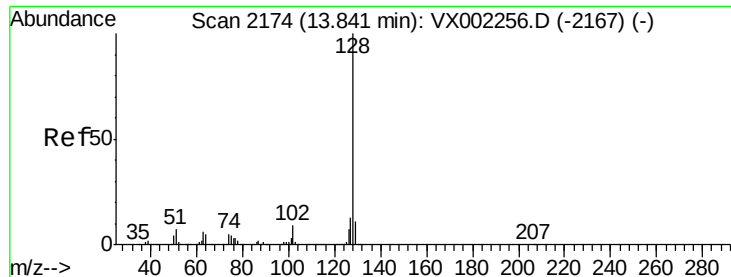
#94
 Hexachlorobutadiene
 Concen: 36.66 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion:225 Resp: 85870
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 63.7 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

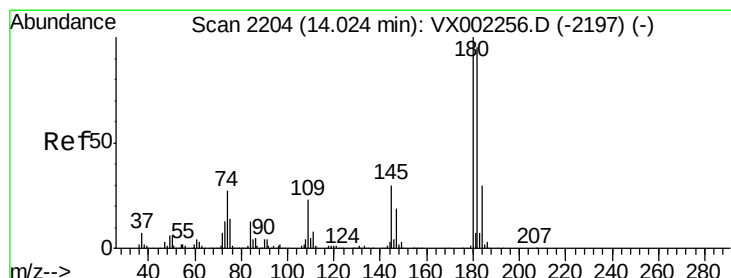
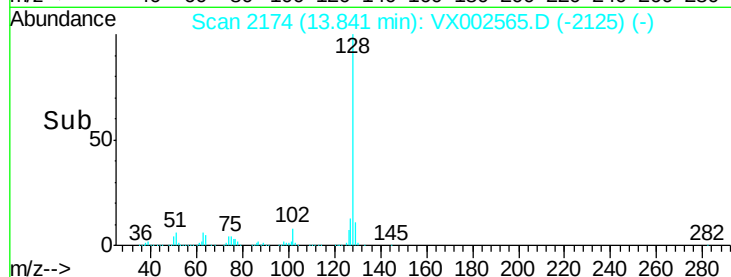
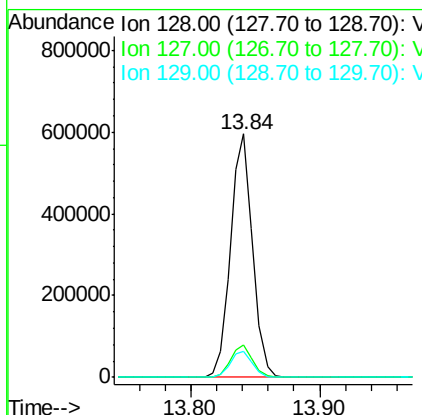
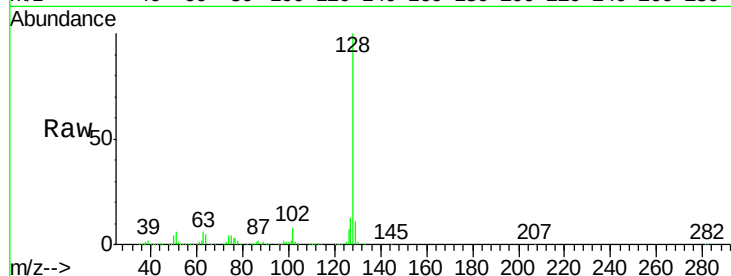




#95
Naphthalene
Concen: 52.27 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 711899
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.45 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion:180 Resp: 239049
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.0
145 29.8 14.8 44.3

