

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002290.D
 Acq On : 05 Jun 2018 05:25
 Operator : JC/MD
 Sample : J3269-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Quant Time: Jun 05 07:24:29 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177067	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	136191	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	527143	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	206354	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	133553	50.70	ug/l	99
3) Chloromethane	1.32	50	164107	54.64	ug/l	98
4) Vinyl Chloride	1.41	62	260025	78.32	ug/l	98
5) Bromomethane	1.64	94	99780	53.33	ug/l	100
6) Chloroethane	1.72	64	110293	51.36	ug/l	99
7) Trichlorofluoromethane	1.93	101	278545	55.07	ug/l	97
8) Diethyl Ether	2.19	74	100398	56.15	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	150251	55.04	ug/l	100
10) Methyl Iodide	2.51	142	195385	50.89	ug/l	99
11) Tert butyl alcohol	3.07	59	171776	229.69	ug/l	98
12) 1,1-Dichloroethene	2.37	96	140637	52.13	ug/l	98
13) Acrolein	2.30	56	98911	275.92	ug/l	99
14) Allyl chloride	2.73	41	271024	46.30	ug/l	99
15) Acrylonitrile	3.15	53	416892	271.14	ug/l	100
16) Acetone	2.45	43	382451	245.03	ug/l	99
17) Carbon Disulfide	2.57	76	339636	47.77	ug/l	98
18) Methyl Acetate	2.78	43	187687	51.80	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	520773	55.71	ug/l	100
20) Methylene Chloride	2.86	84	157991	55.44	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	149977	50.42	ug/l	99
22) Diisopropyl ether	3.88	45	501324	51.30	ug/l	99
23) Vinyl Acetate	3.83	43	2019596	212.81	ug/l	99
24) 1,1-Dichloroethane	3.70	63	281450	48.64	ug/l	99
25) 2-Butanone	4.71	43	541991	218.14	ug/l	99
26) 2,2-Dichloropropane	4.59	77	149911	33.14	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	199478	61.66	ug/l	91
28) Bromochloromethane	5.03	49	134918	55.20	ug/l	100
29) Tetrahydrofuran	5.17	42	359730	224.56	ug/l	100
30) Chloroform	5.22	83	270786	48.50	ug/l	99
31) Cyclohexane	5.58	56	234365	51.22	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	237055	50.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196773	50.74	ug/l	100
37) Ethyl Acetate	4.87	43	209928	45.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	207336	51.11	ug/l	100

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232416	48.52	ug/l	99
40) Benzene	6.15	78	593199	49.89	ug/l	99
41) Methacrylonitrile	5.07	41	126419	47.35	ug/l	100
42) 1,2-Dichloroethane	6.20	62	232537	49.22	ug/l	99
43) Isopropyl Acetate	6.47	43	358109	45.21	ug/l	100
44) Trichloroethene	7.22	130	166670	50.51	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156838	48.86	ug/l	99
46) Dibromomethane	7.67	93	104939	48.22	ug/l	99
47) Bromodichloromethane	7.90	83	192887	49.01	ug/l	99
48) Methyl methacrylate	7.78	41	196021	49.26	ug/l	98
49) 1,4-Dioxane	7.76	88	63751	856.91	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1200431	243.35	ug/l	100
52) Toluene	8.79	92	385579	50.99	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	220787	46.78	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206484	46.37	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154786	49.76	ug/l	99
56) Ethyl methacrylate	9.19	69	240558	48.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	254624	48.80	ug/l	100
59) 2-Hexanone	9.50	43	919705	241.38	ug/l	99
60) Dibromochloromethane	9.59	129	157528	50.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163909	50.54	ug/l	100
64) Tetrachloroethene	9.34	164	178997	48.45	ug/l	99
65) Chlorobenzene	10.14	112	439521	49.31	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160332	49.68	ug/l	99
67) Ethyl Benzene	10.26	91	763784	51.20	ug/l	99
68) m/p-Xylenes	10.37	106	599650	103.41	ug/l	100
69) o-Xylene	10.70	106	292328	50.66	ug/l	99
70) Styrene	10.72	104	488301	51.76	ug/l	100
71) Bromoform	10.86	173	119936	42.08	ug/l	100
73) Isopropylbenzene	11.02	105	792620	49.78	ug/l	100
74) N-amyl acetate	6.47	43	358109	41.74	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	231597	46.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	264979	52.76	ug/l	79
77) Bromobenzene	11.26	156	215804	48.28	ug/l	98
78) n-propylbenzene	11.37	91	905993	51.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	537307	48.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679253	49.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54715	38.19	ug/l	93
82) 4-Chlorotoluene	11.51	91	636044	49.32	ug/l	100
83) tert-Butylbenzene	11.77	119	661839	49.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	704855	50.14	ug/l	100
85) sec-Butylbenzene	11.95	105	812557	52.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	741584	52.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	392965	49.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399714	48.52	ug/l	99
89) n-Butylbenzene	12.39	91	631032	52.99	ug/l	100
90) Hexachloroethane	12.60	117	108670	47.94	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	402714	48.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51273	46.82	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	286772	49.46	ug/l	100

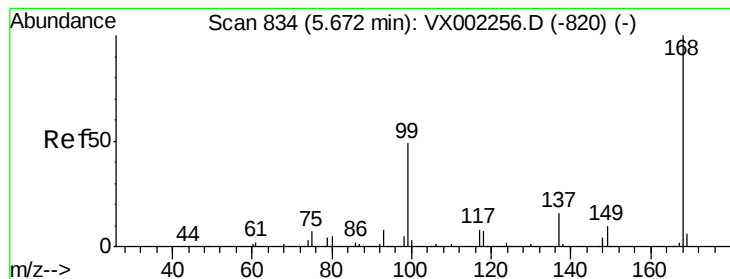
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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	147642	51.53	ug/l	100
95) Naphthalene	13.84	128	827142	49.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295726	50.01	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: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

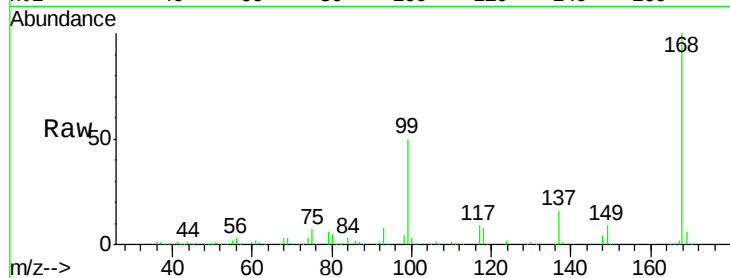
SS004MW010-180529MS

Tot Ion:168 Resp: 253399

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

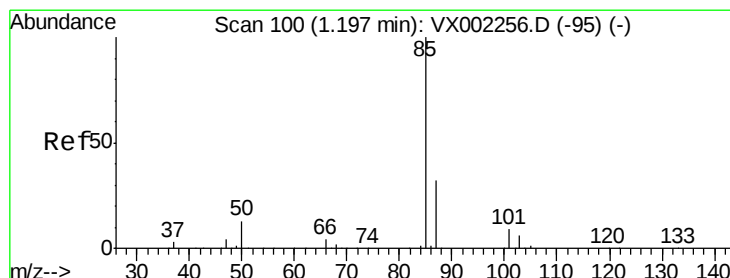
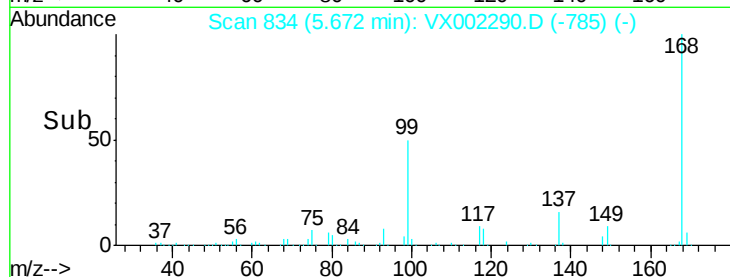
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002290.D

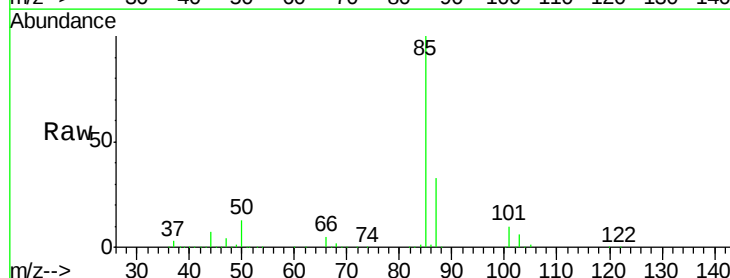
Acq: 05 Jun 2018 05:25

Tgt Ion: 85 Resp: 133553

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

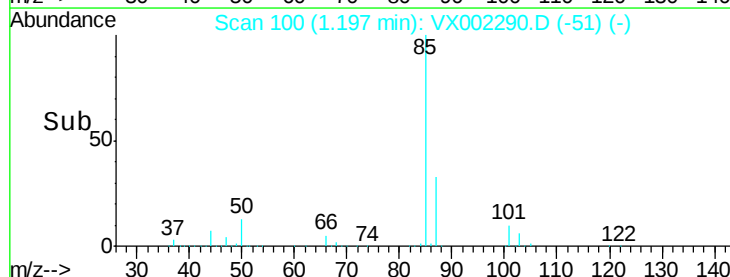
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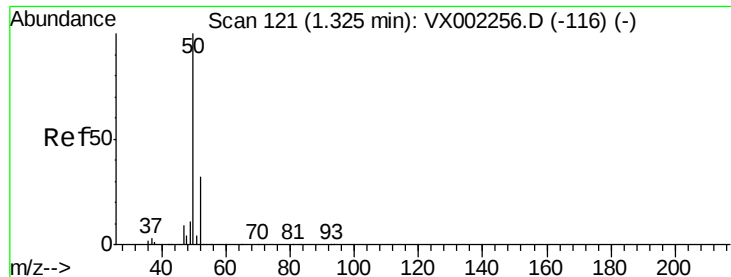
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

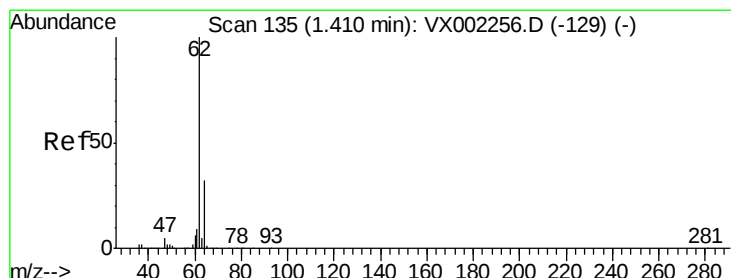
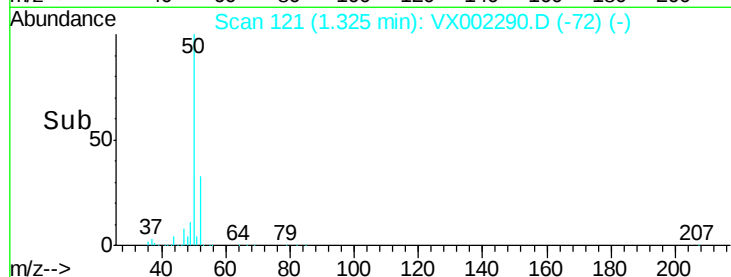
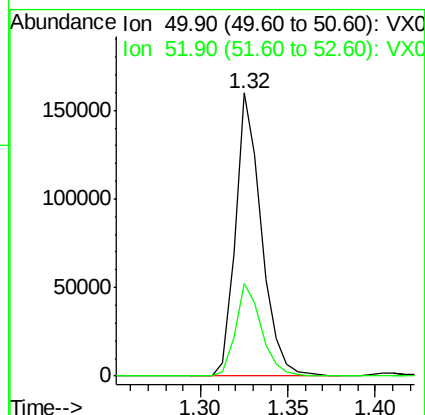
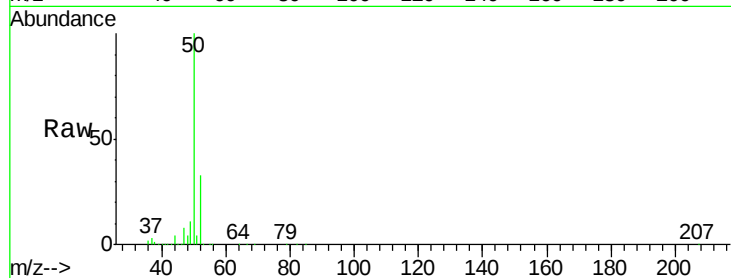
SS004MW010-180529MS

Tot Ion: 50 Resp: 164107

Ion Ratio Lower Upper

50 100

52 33.0 25.7 38.5



#4

Vinyl Chloride

Concen: 78.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002290.D

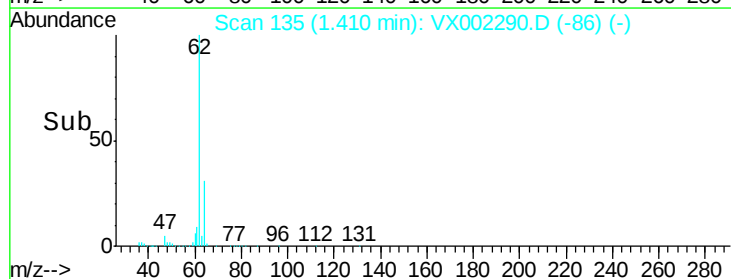
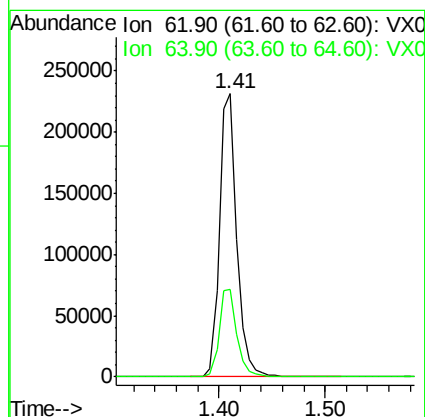
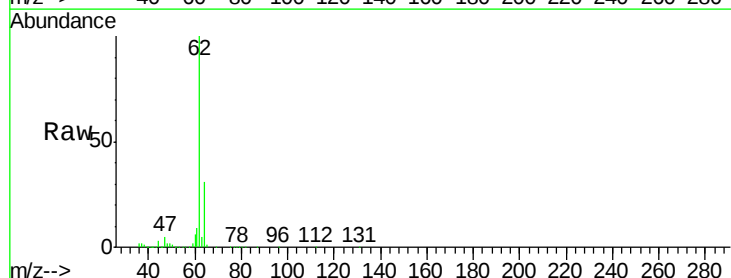
Acq: 05 Jun 2018 05:25

Tgt Ion: 62 Resp: 260025

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 53.33 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

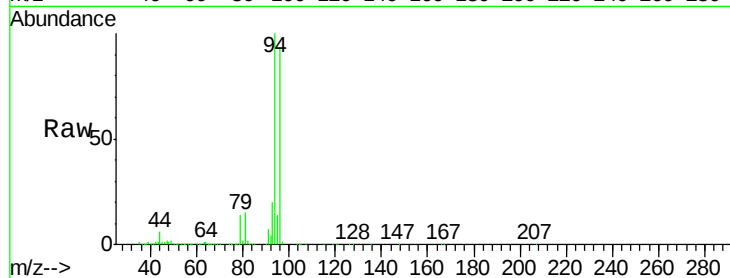
SS004MW010-180529MS

Tot Ion: 94 Resp: 99780

Ion Ratio Lower Upper

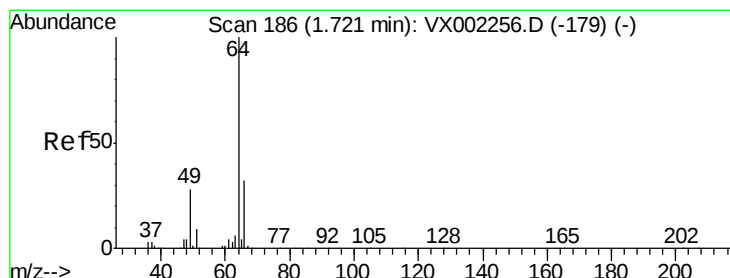
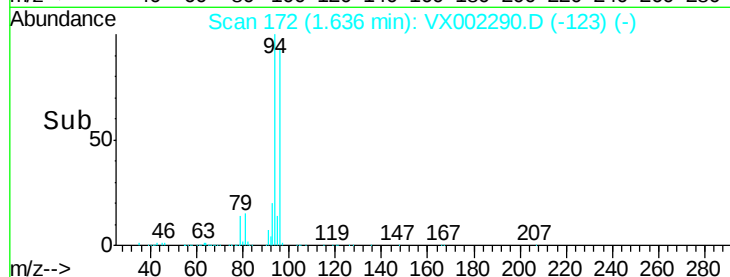
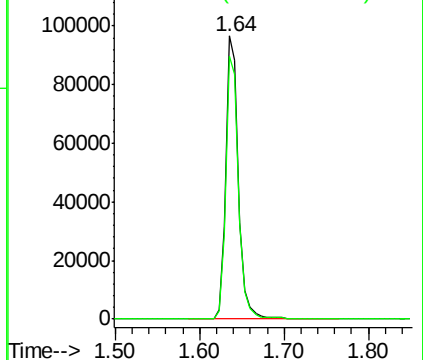
94 100

96 93.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002290.D

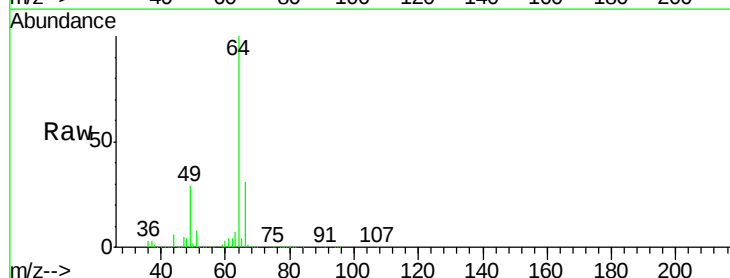
Acq: 05 Jun 2018 05:25

Tgt Ion: 64 Resp: 110293

Ion Ratio Lower Upper

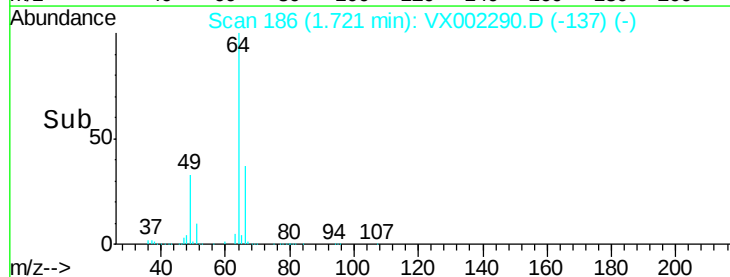
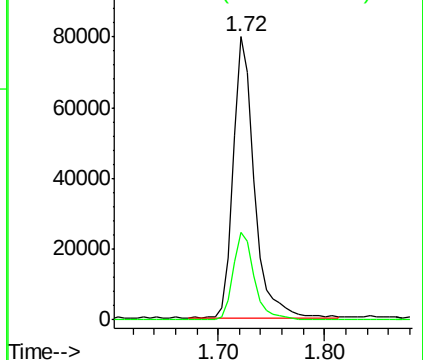
64 100

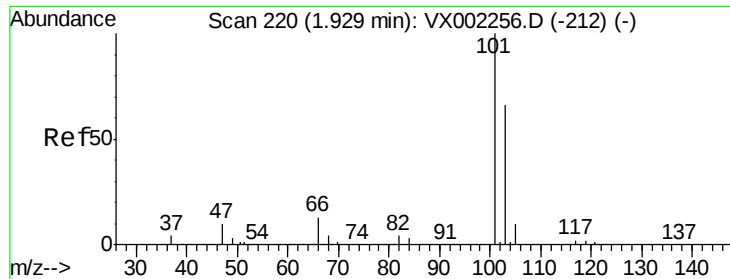
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 55.07 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

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ClientSampleId :

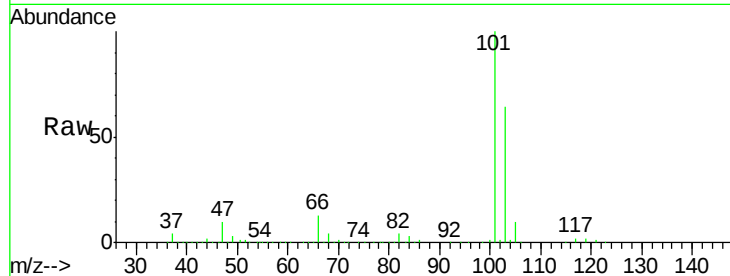
SS004MW010-180529MS

Tot Ion:101 Resp: 278545

Ion Ratio Lower Upper

101 100

103 63.9 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

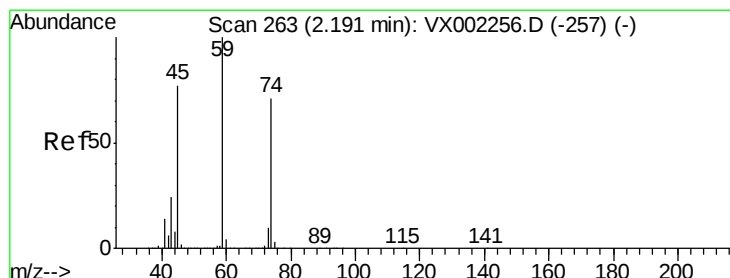
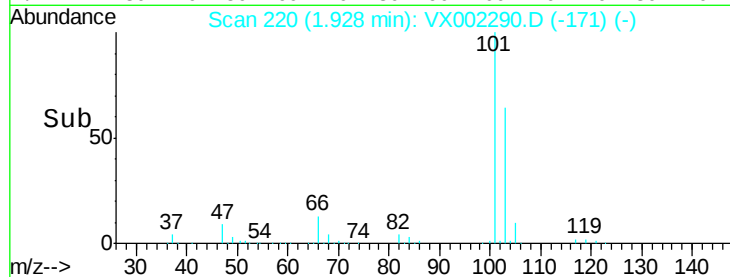
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 56.15 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002290.D

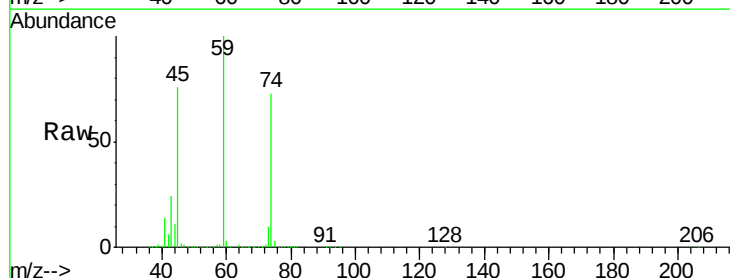
Acq: 05 Jun 2018 05:25

Tgt Ion: 74 Resp: 100398

Ion Ratio Lower Upper

74 100

45 103.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

80000

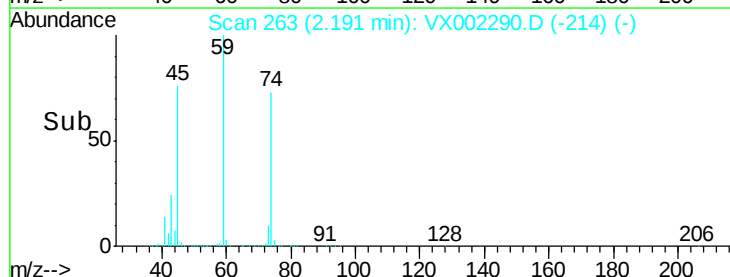
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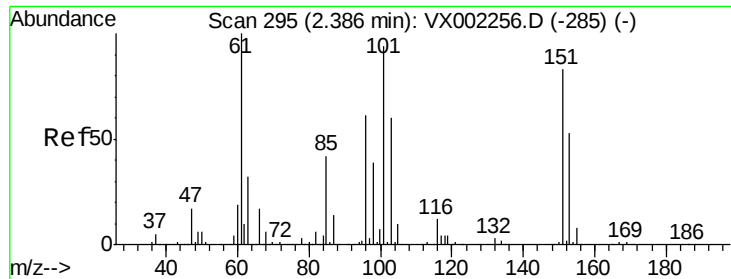
40000

20000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.04 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002290.D

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Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

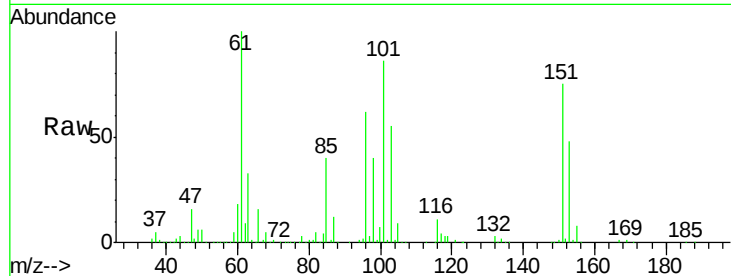
Tot Ion:101 Resp: 150251

Ion Ratio Lower Upper

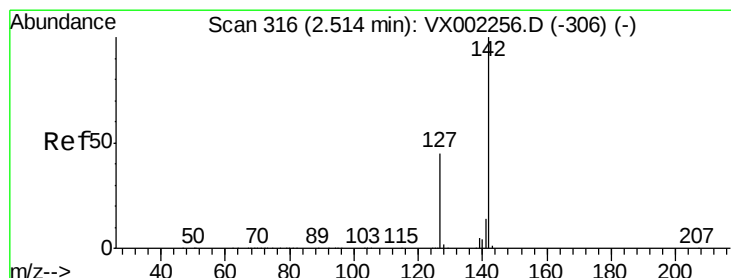
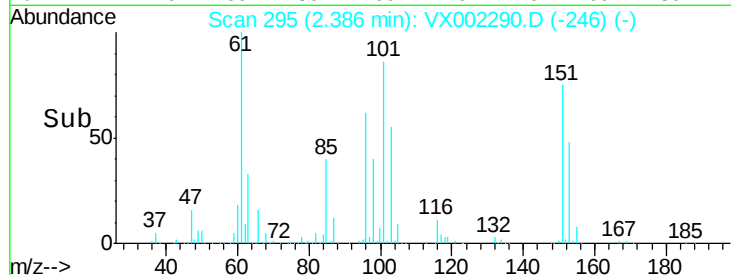
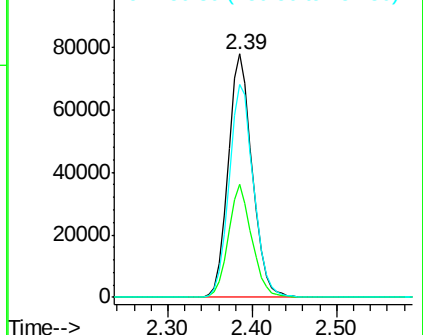
101 100

85 45.2 36.0 54.0

151 88.9 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: 50.89 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

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Acq: 05 Jun 2018 05:25

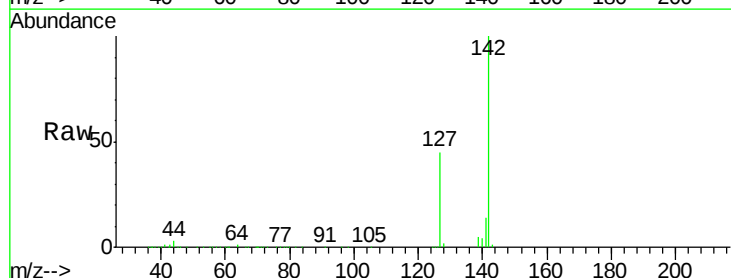
Tgt Ion:142 Resp: 195385

Ion Ratio Lower Upper

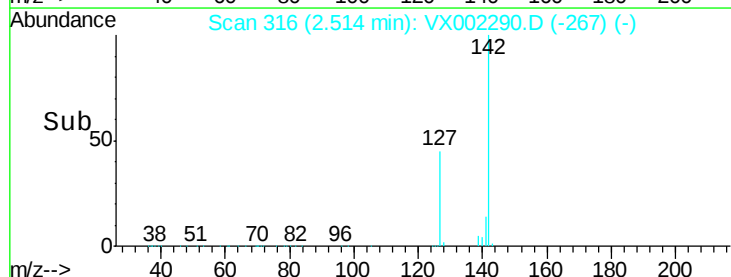
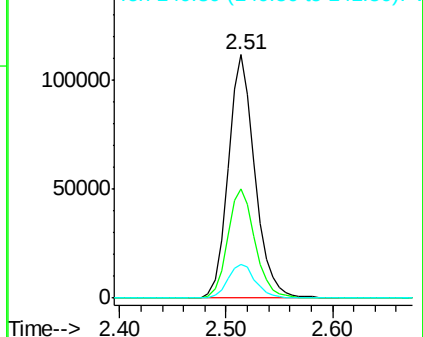
142 100

127 46.2 36.6 55.0

141 14.4 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

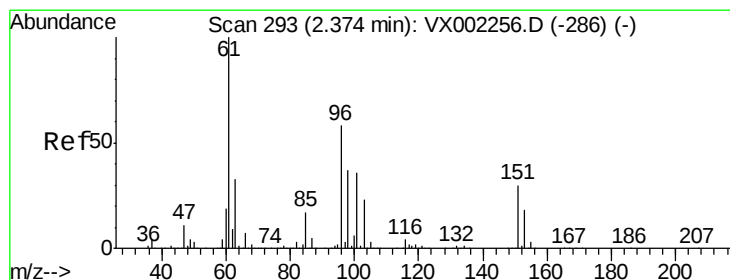
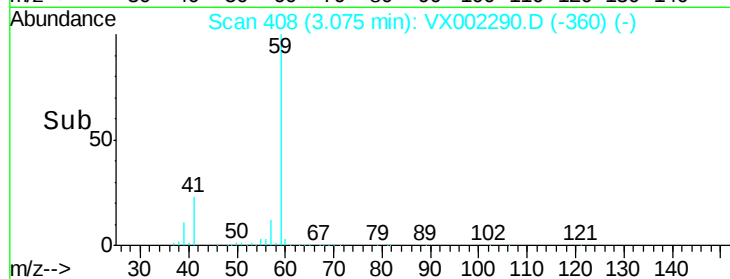
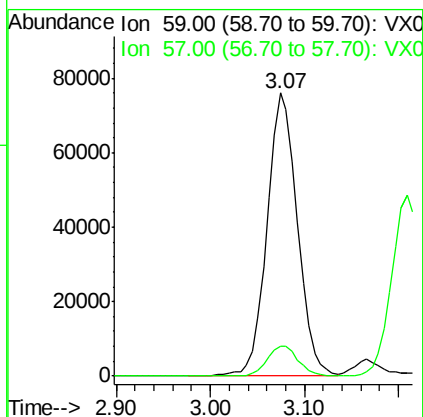
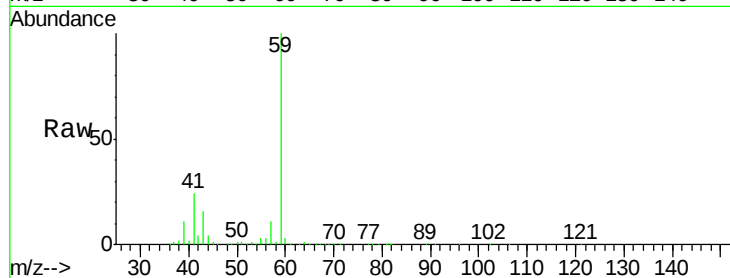




#11
Tert butyl alcohol
Concen: 229.69 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

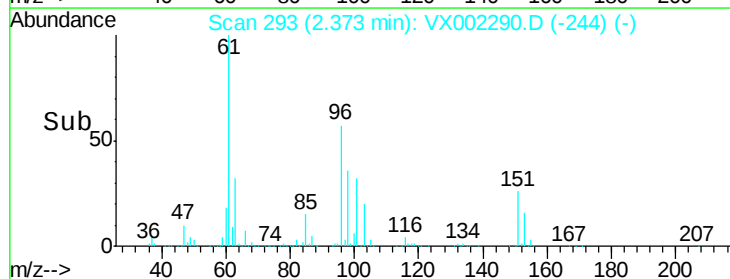
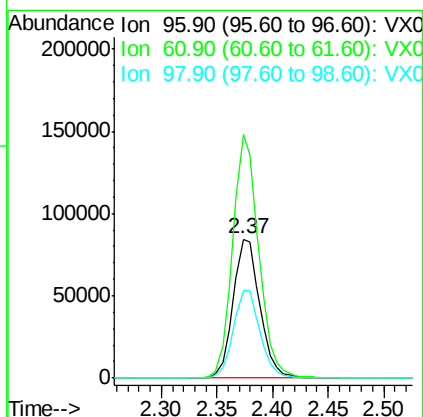
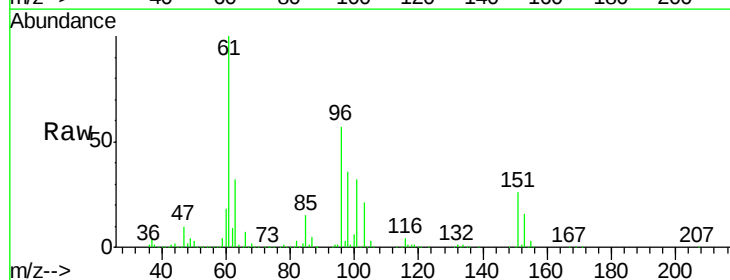
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

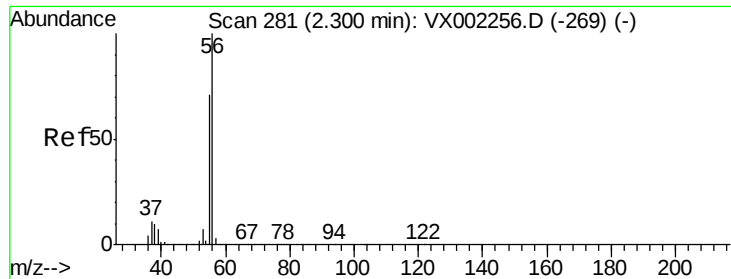
Tot Ion: 59 Resp: 171776
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.13 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 96 Resp: 140637
Ion Ratio Lower Upper
96 100
61 175.4 137.9 206.9
98 62.7 51.6 77.4





#13

Acrolein

Concen: 275.92 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

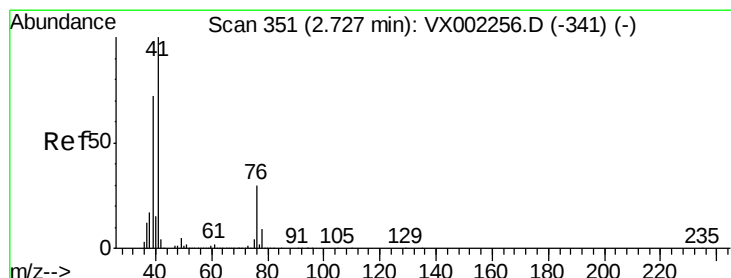
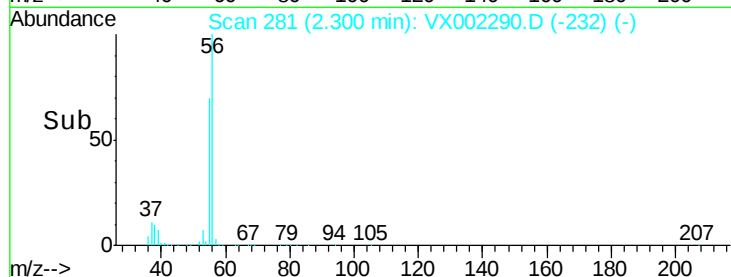
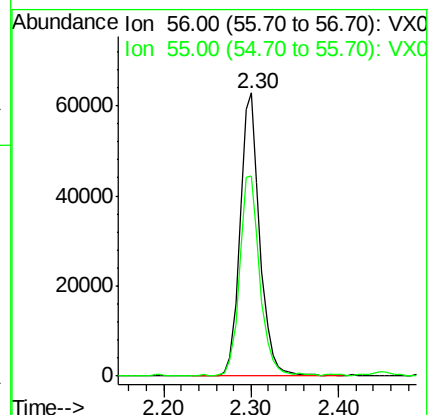
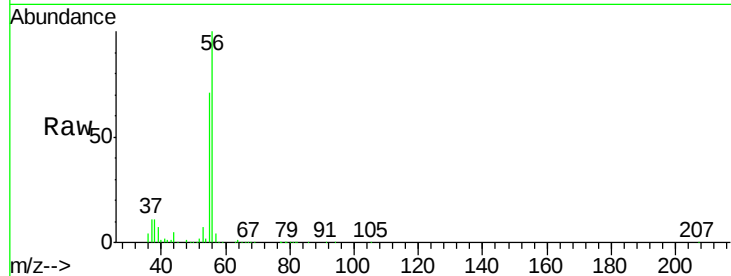
SS004MW010-180529MS

Tot Ion: 56 Resp: 98911

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 46.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

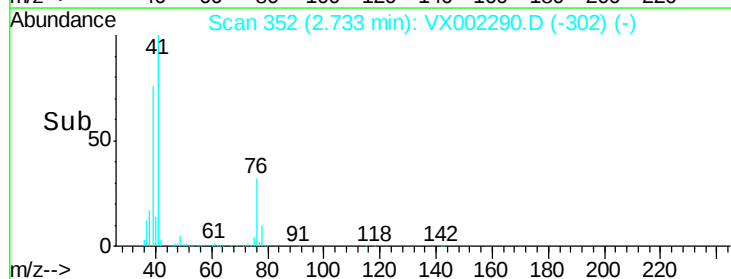
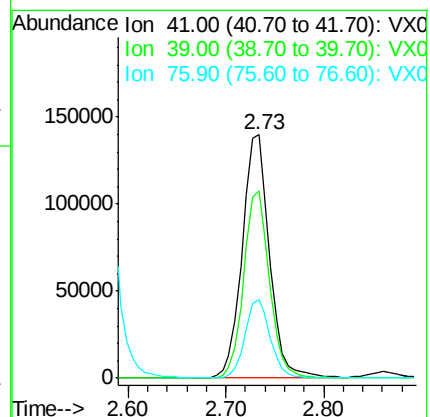
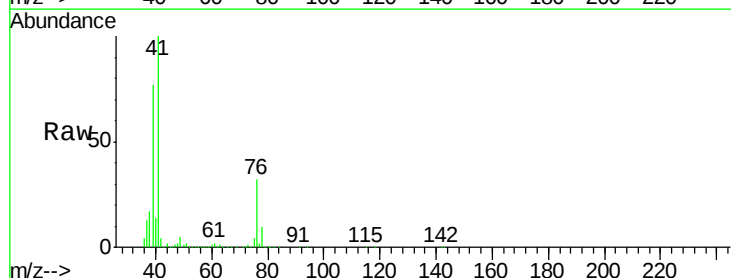
Tgt Ion: 41 Resp: 271024

Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 29.8 23.8 35.8

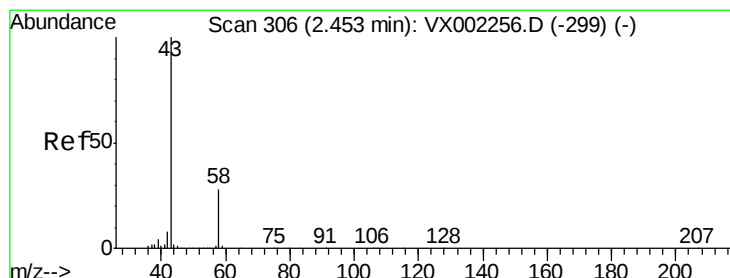
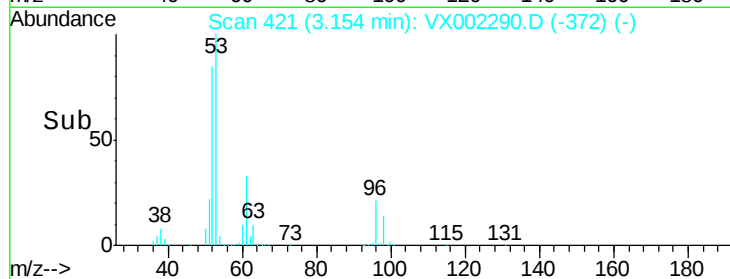
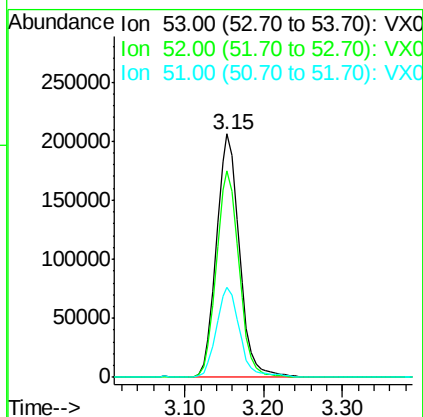
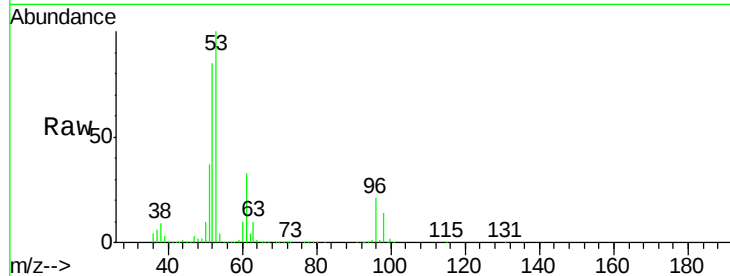




#15
 Acrylonitrile
 Concen: 271.14 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

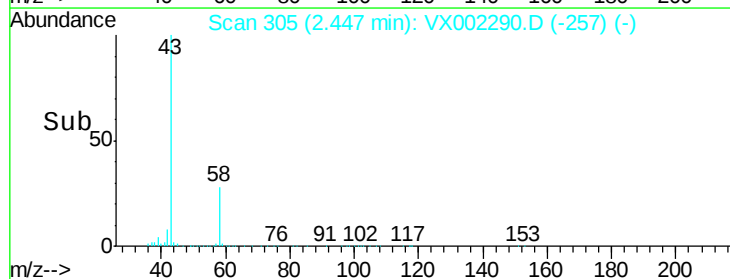
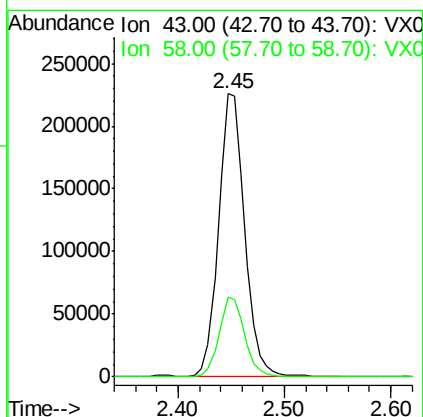
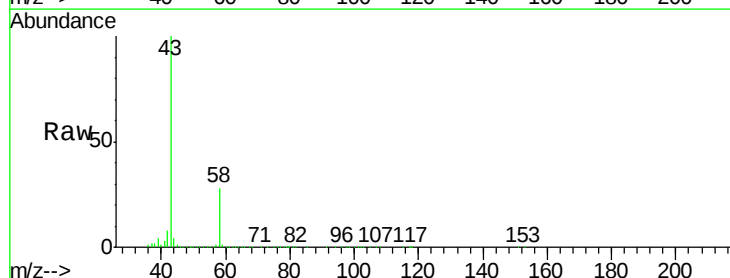
Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

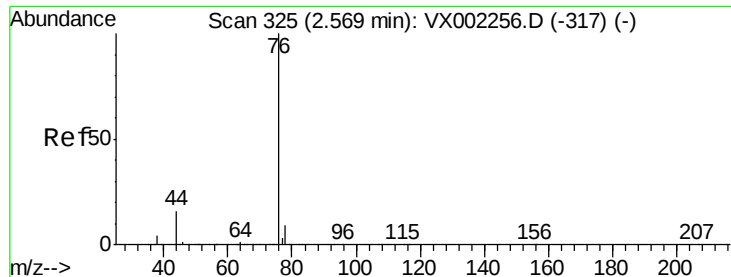
Tot Ion: 53 Resp: 416892
 Ion Ratio Lower Upper
 53 100
 52 83.9 66.7 100.1
 51 37.4 29.9 44.9



#16
 Acetone
 Concen: 245.03 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 382451
 Ion Ratio Lower Upper
 43 100
 58 28.3 22.1 33.1

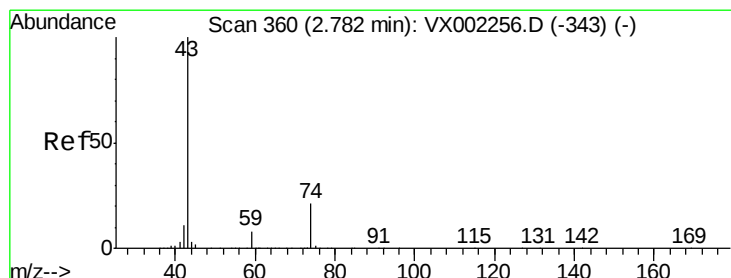
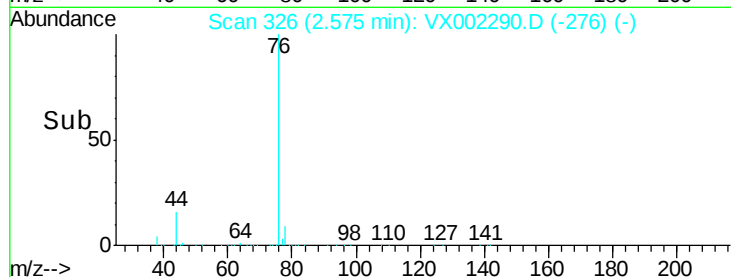
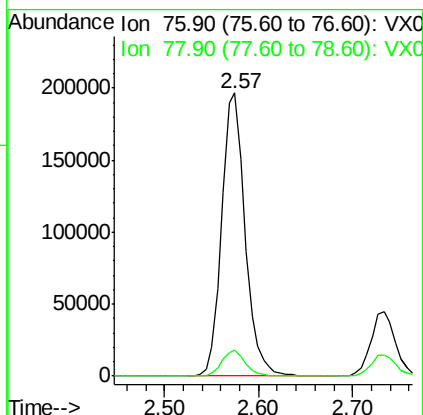
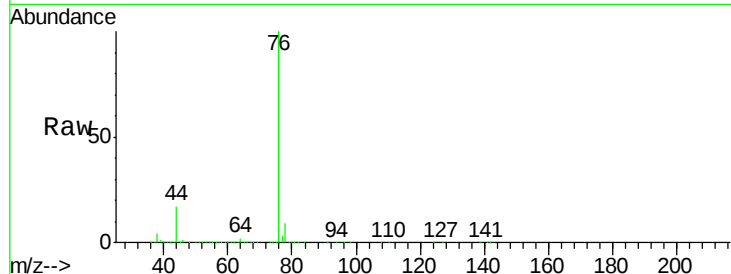




#17
Carbon Disulfide
Concen: 47.77 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

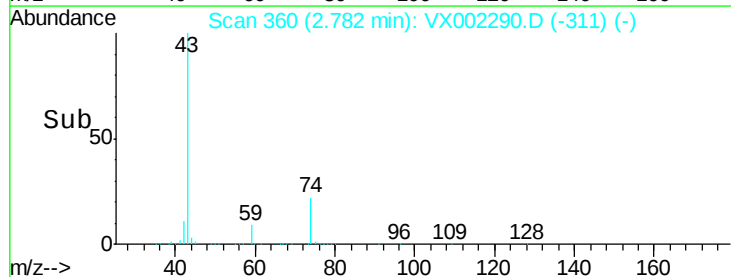
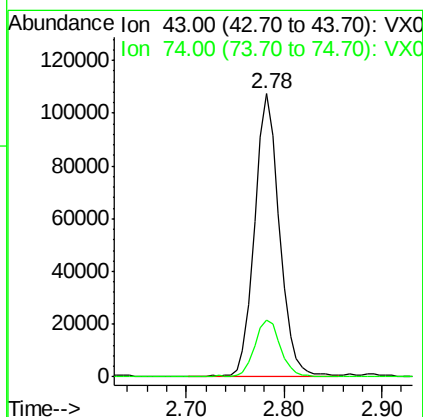
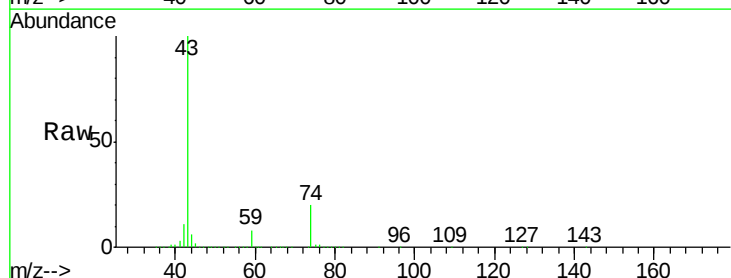
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

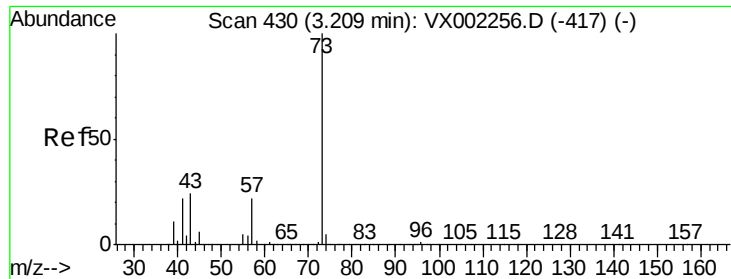
Tot Ion: 76 Resp: 339636
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 51.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 187687
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1

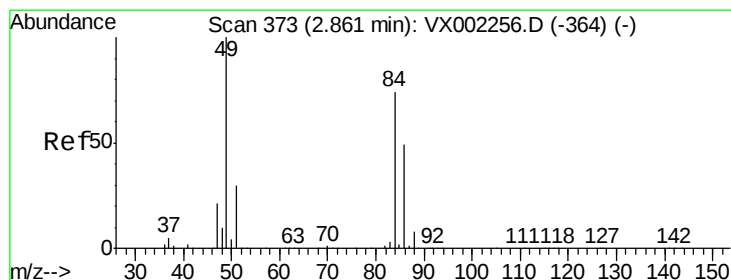
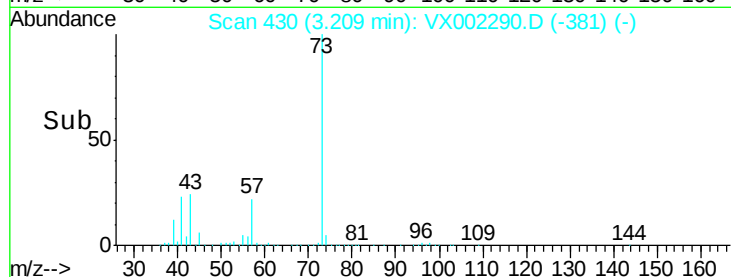
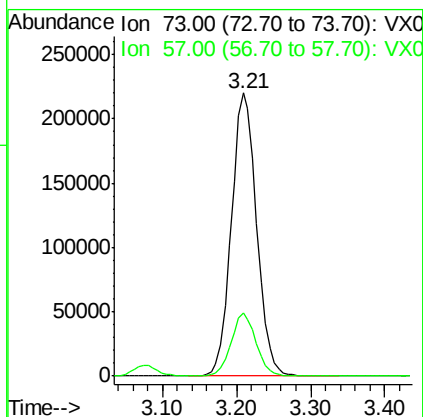
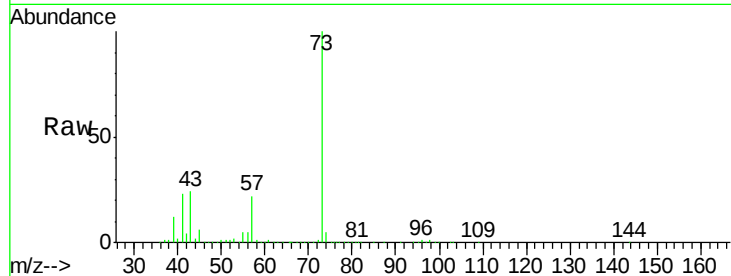




#19
Methyl tert-butyl Ether
Concen: 55.71 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

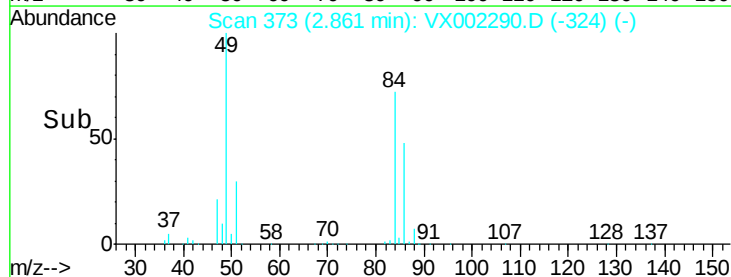
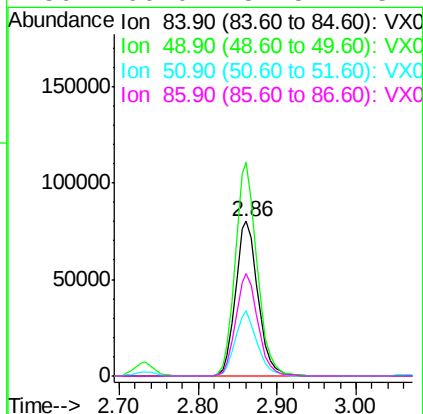
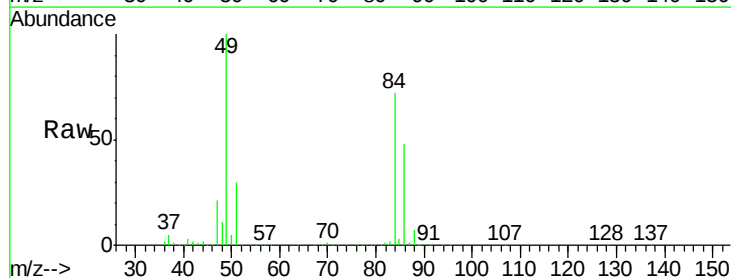
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

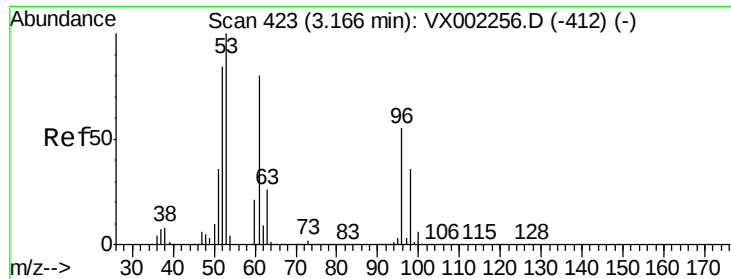
Tot Ion: 73 Resp: 520773
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 55.44 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 84 Resp: 157991
Ion Ratio Lower Upper
84 100
49 137.9 107.8 161.6
51 41.9 32.8 49.2
86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.42 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

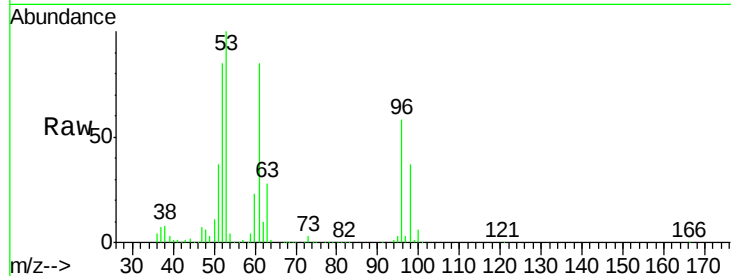
Tot Ion: 96 Resp: 149977

Ion Ratio Lower Upper

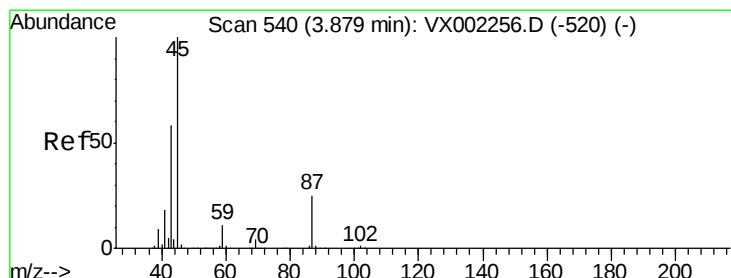
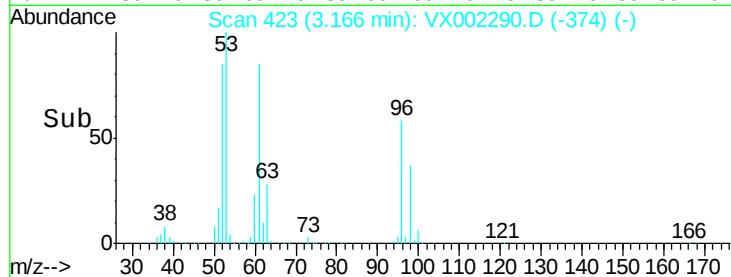
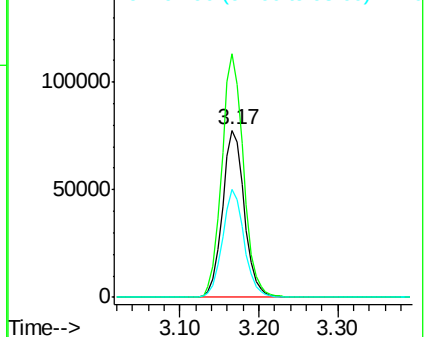
96 100

61 145.6 117.0 175.4

98 64.3 52.4 78.6



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



#22

Diisopropyl ether

Concen: 51.30 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion: 45 Resp: 501324

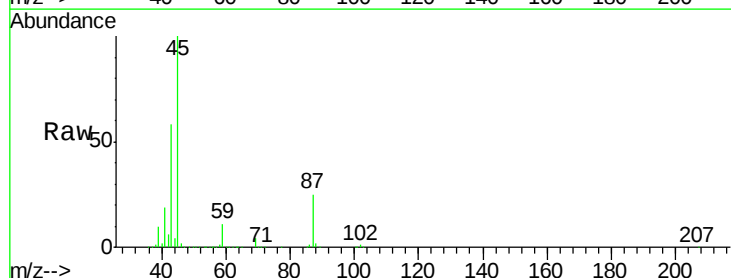
Ion Ratio Lower Upper

45 100

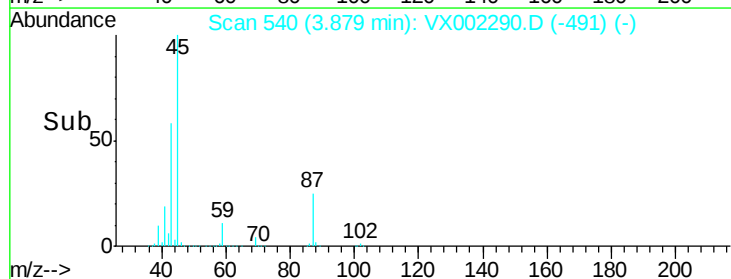
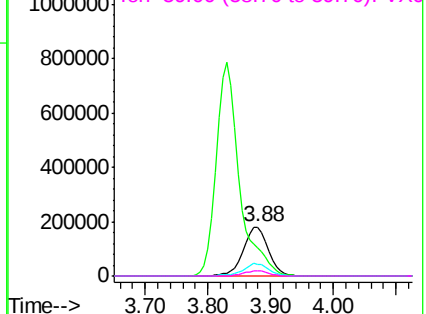
43 57.7 46.8 70.2

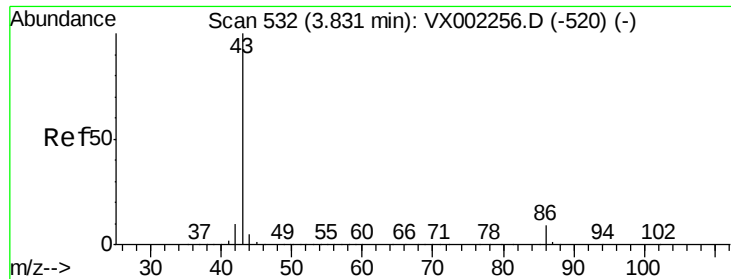
87 24.6 20.2 30.4

59 10.8 8.7 13.1



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





#23

Vinyl Acetate

Concen: 212.81 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

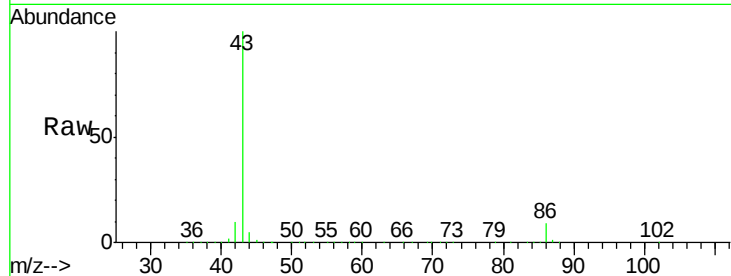
SS004MW010-180529MS

Tot Ion: 43 Resp: 2019596

Ion Ratio Lower Upper

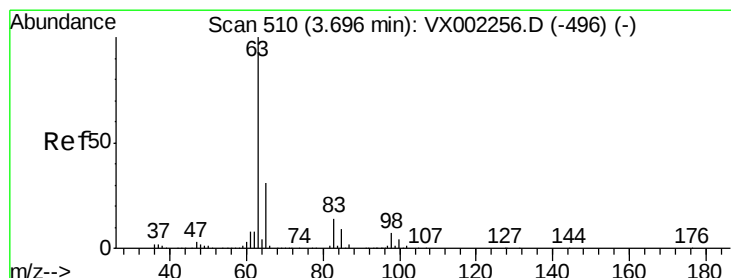
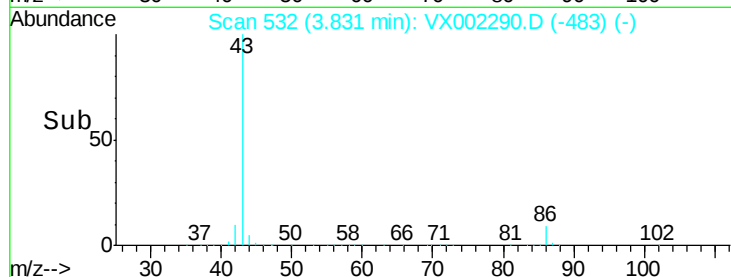
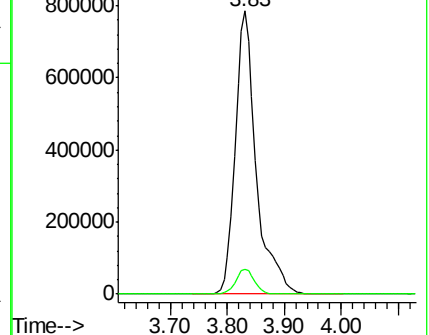
43 100

86 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.64 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

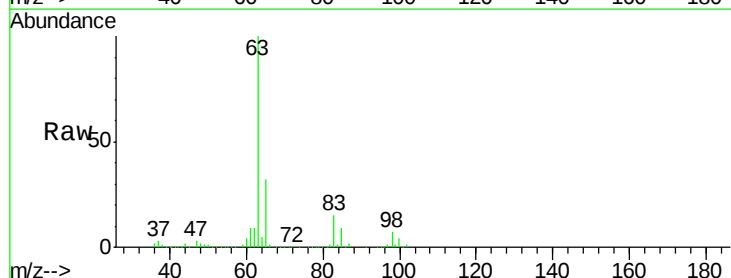
Tgt Ion: 63 Resp: 281450

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

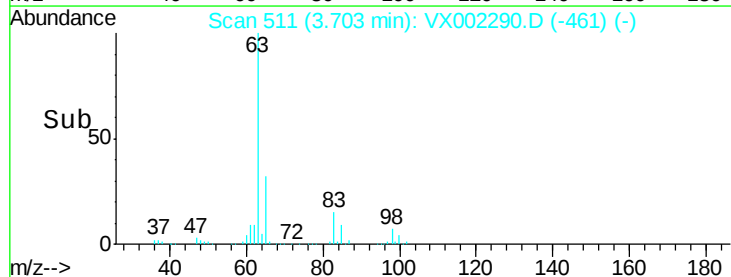
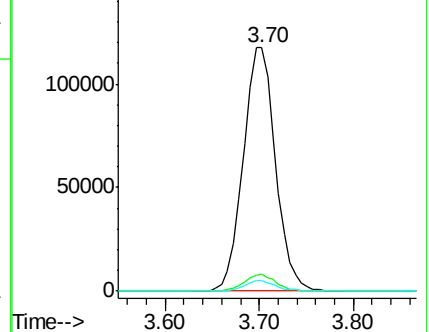
100 4.4 2.0 6.0

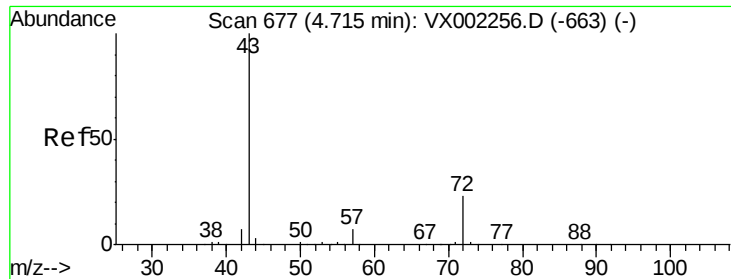


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 218.14 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

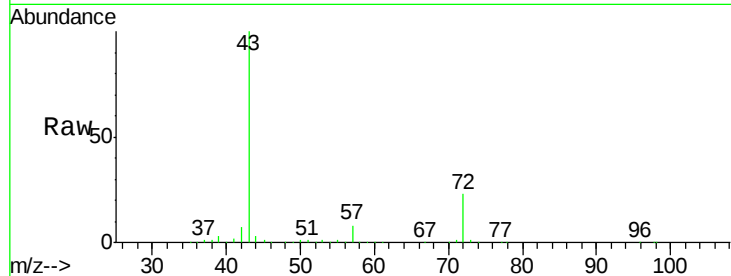
SS004MW010-180529MS

Tot Ion: 43 Resp: 541991

Ion Ratio Lower Upper

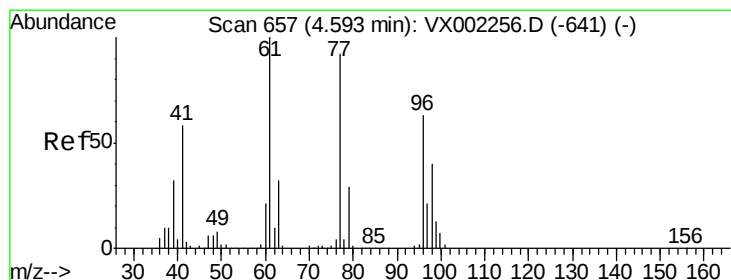
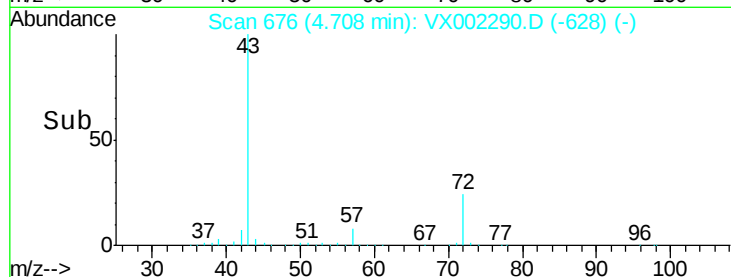
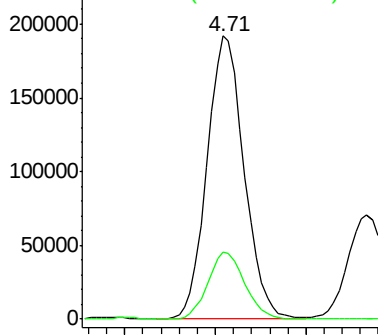
43 100

72 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002290.D

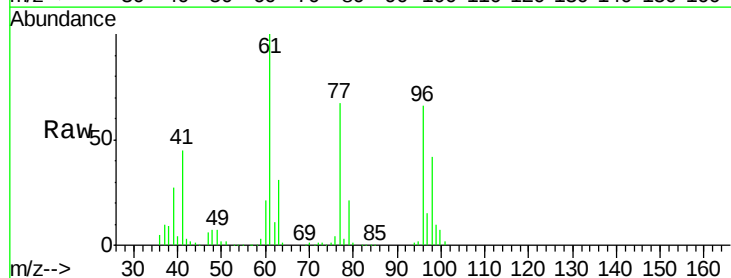
Acq: 05 Jun 2018 05:25

Tgt Ion: 77 Resp: 149911

Ion Ratio Lower Upper

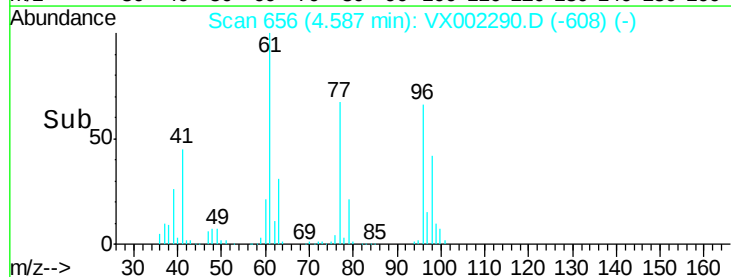
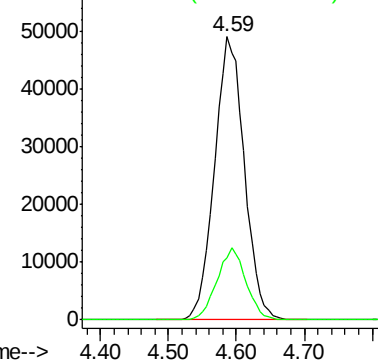
77 100

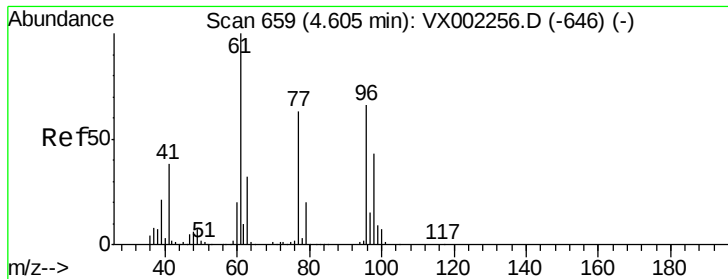
97 24.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 61.66 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

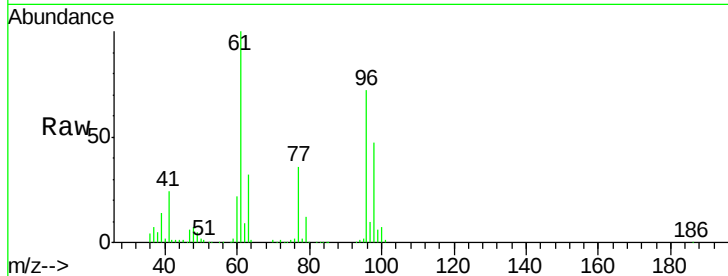
Tot Ion: 96 Resp: 199478

Ion Ratio Lower Upper

96 100

61 149.1 0.0 330.2

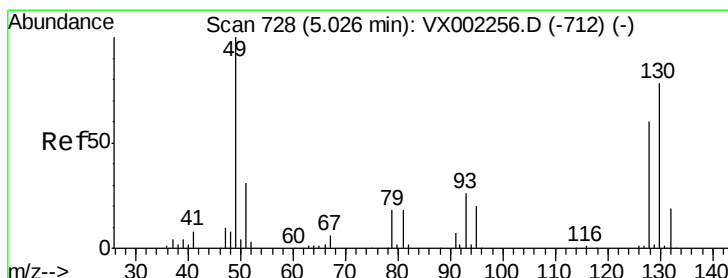
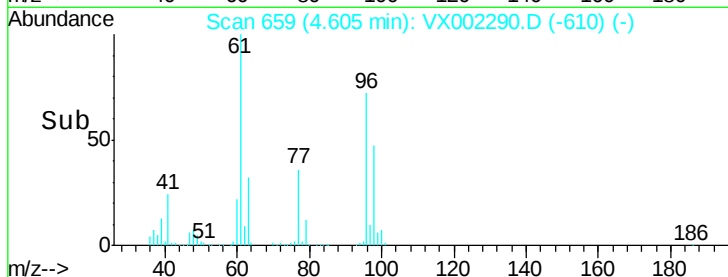
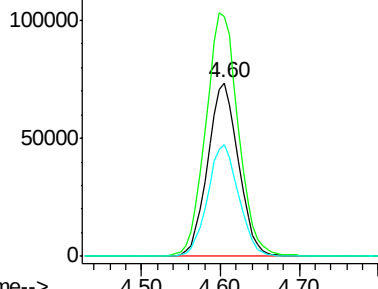
98 64.9 0.0 130.2



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: 55.20 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

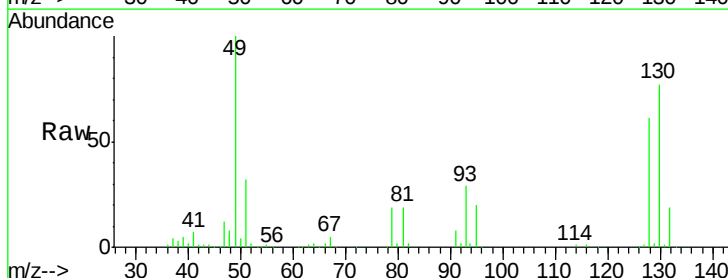
Tgt Ion: 49 Resp: 134918

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

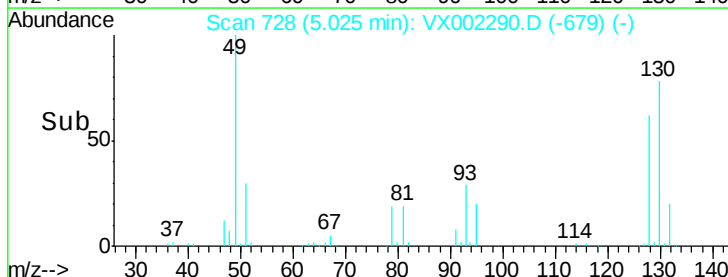
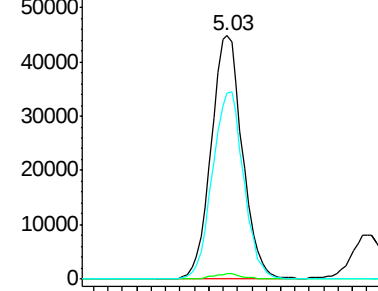
130 76.7 61.2 91.8

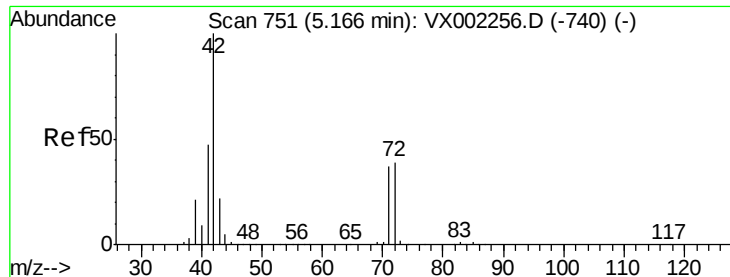


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 224.56 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

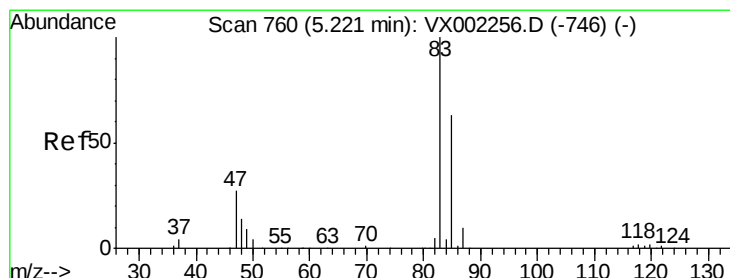
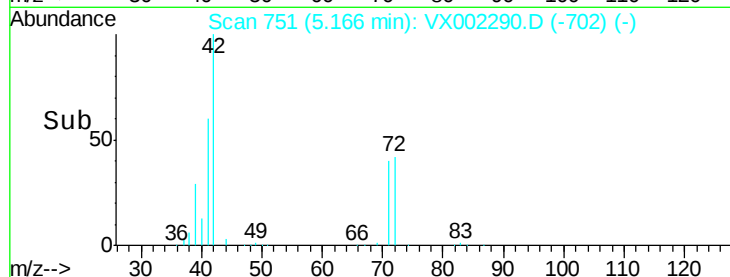
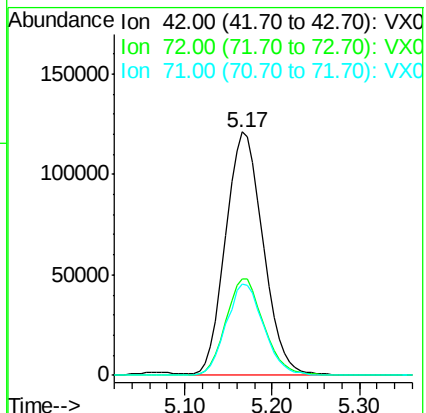
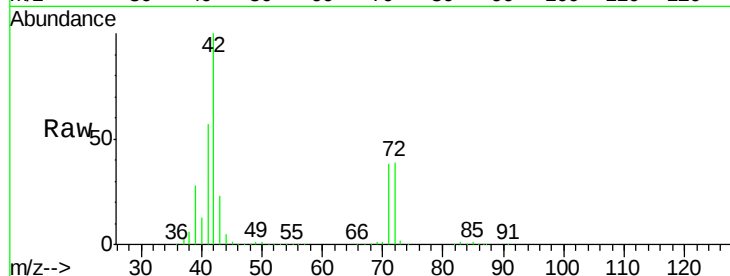
Tot Ion: 42 Resp: 359730

Ion Ratio Lower Upper

42 100

72 40.4 32.0 48.0

71 37.8 30.1 45.1



#30

Chloroform

Concen: 48.50 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002290.D

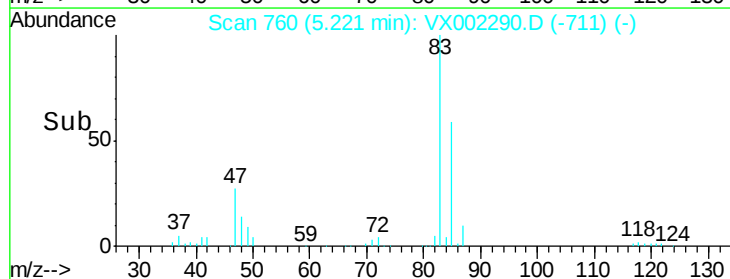
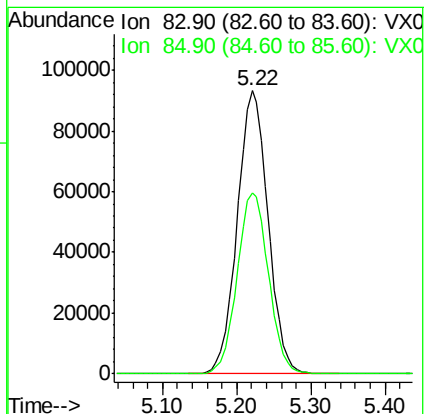
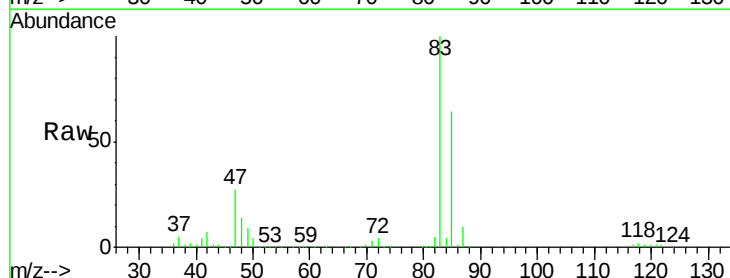
Acq: 05 Jun 2018 05:25

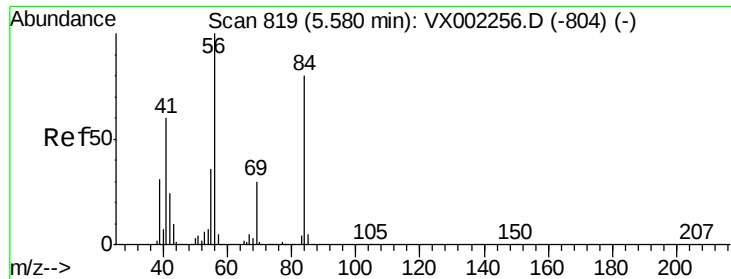
Tgt Ion: 83 Resp: 270786

Ion Ratio Lower Upper

83 100

85 64.1 50.4 75.6

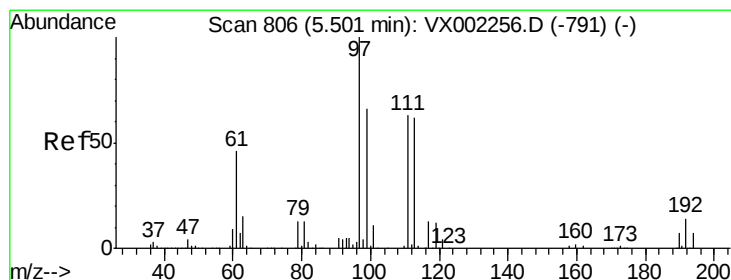
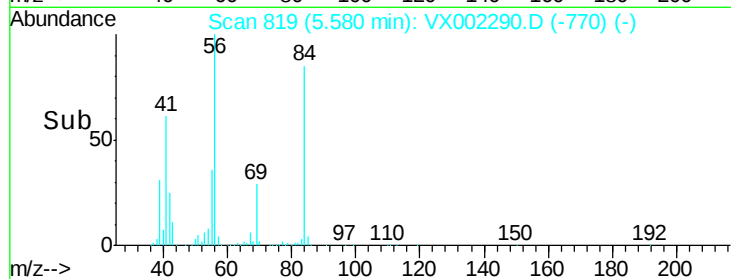
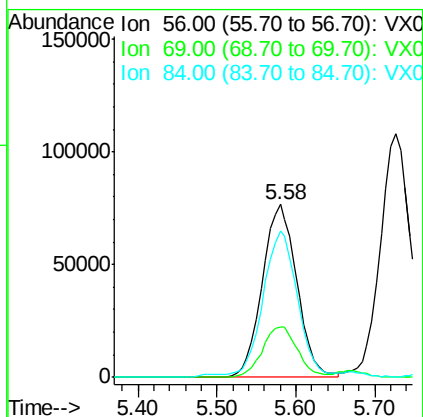
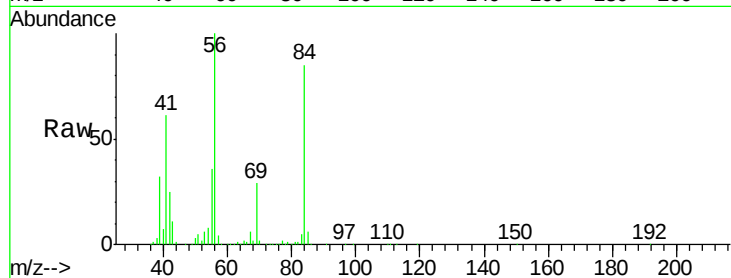




#31
Cyclohexane
Concen: 51.22 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

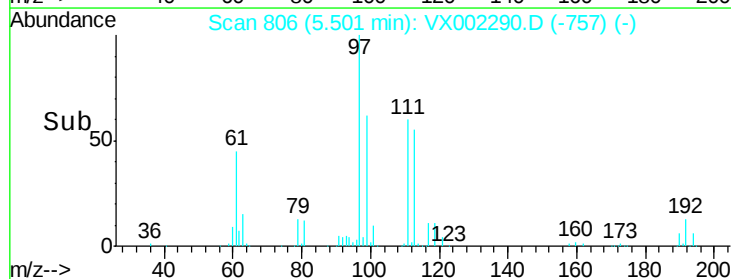
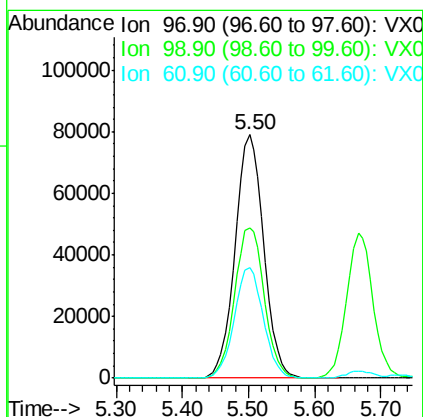
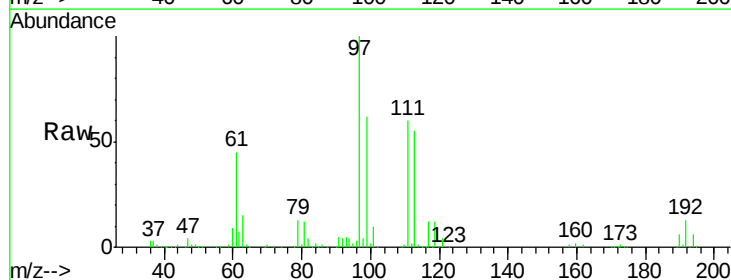
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

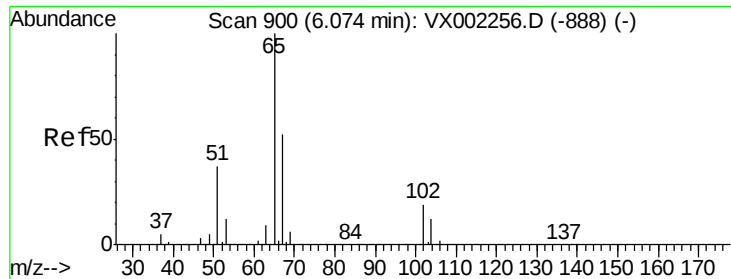
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.7	35.5
84	84.3	64.1	96.1



#32
1,1,1-Trichloroethane
Concen: 50.06 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	46.1	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 48.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

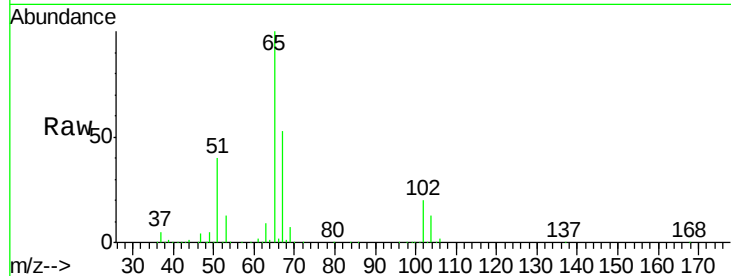
SS004MW010-180529MS

Tot Ion: 65 Resp: 177067

Ion Ratio Lower Upper

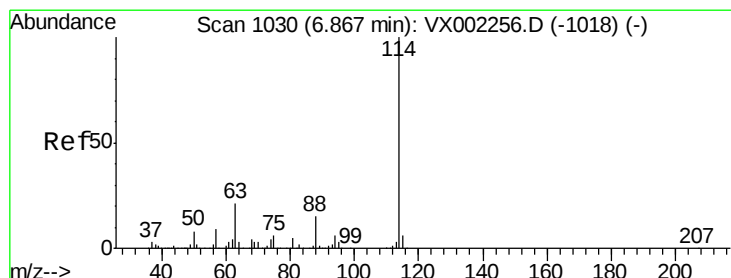
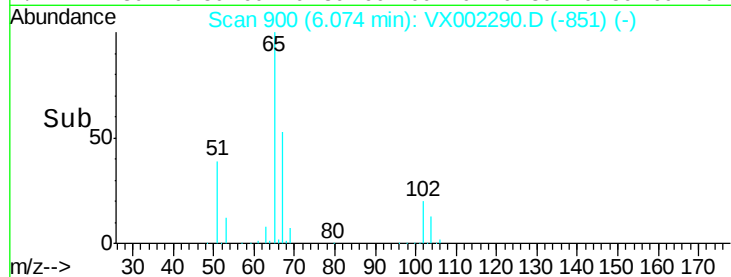
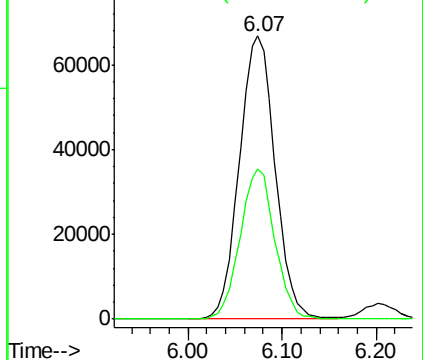
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

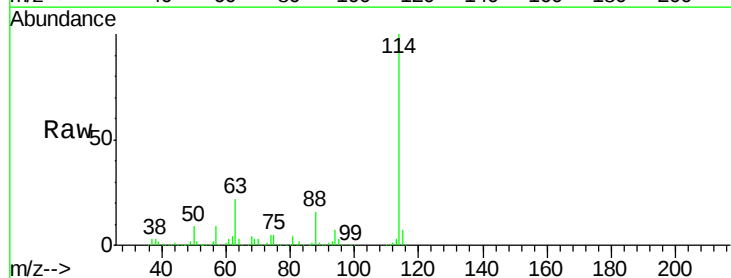
Tgt Ion: 114 Resp: 368877

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.4

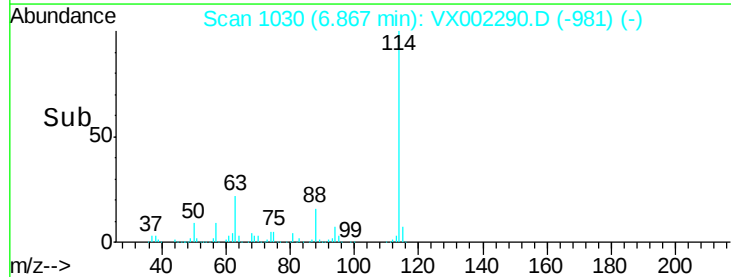
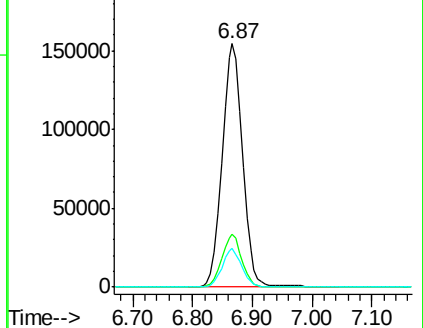
88 16.1 0.0 30.0

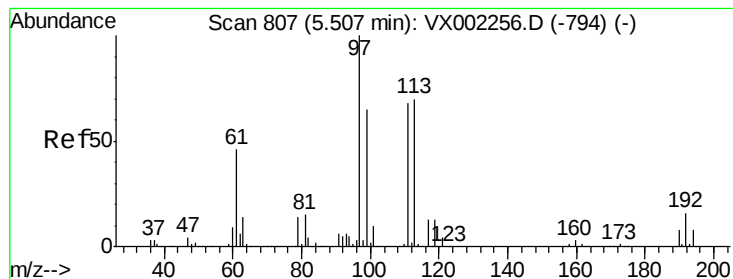


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

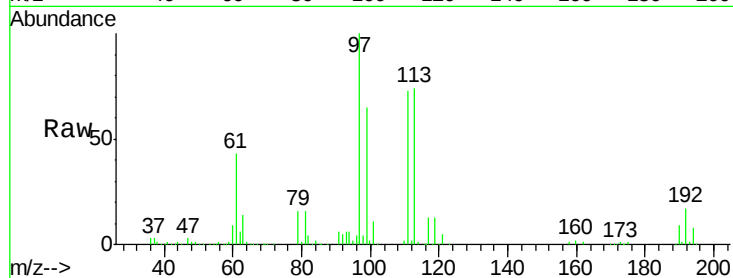
Tot Ion:113 Resp: 136191

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

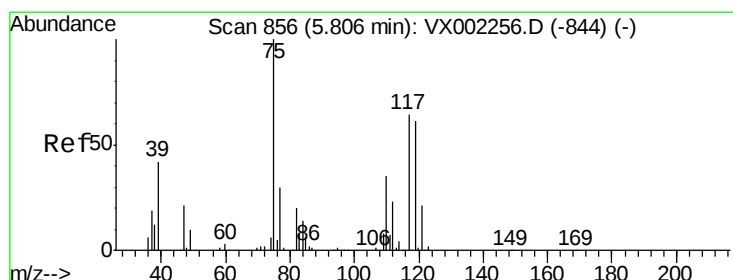
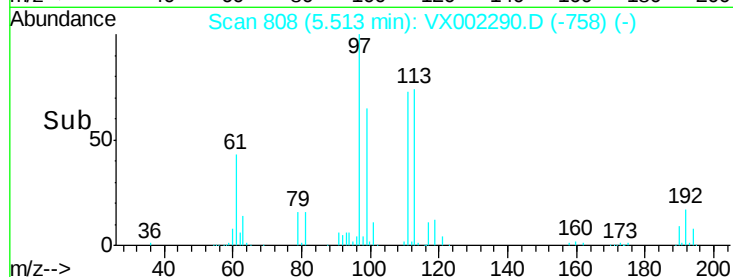
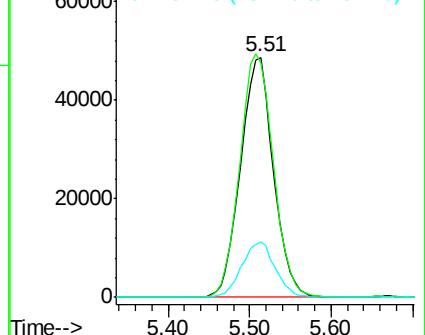
192 23.6 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.74 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

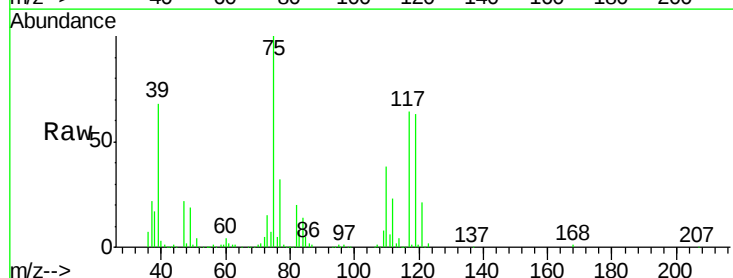
Tgt Ion: 75 Resp: 196773

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

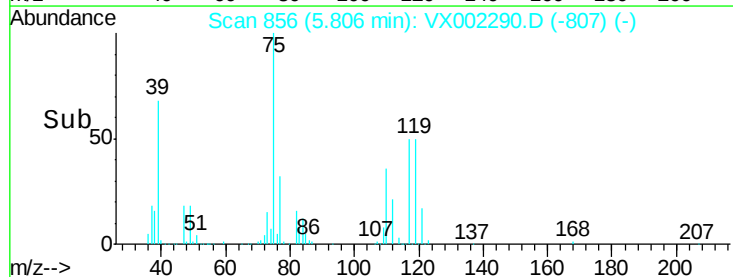
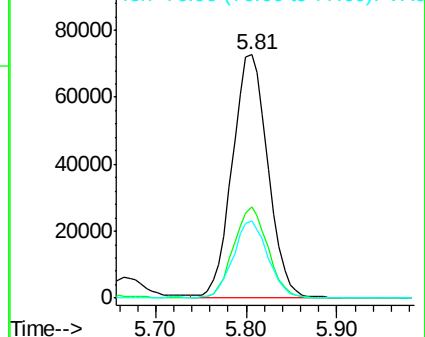
77 30.7 24.3 36.5

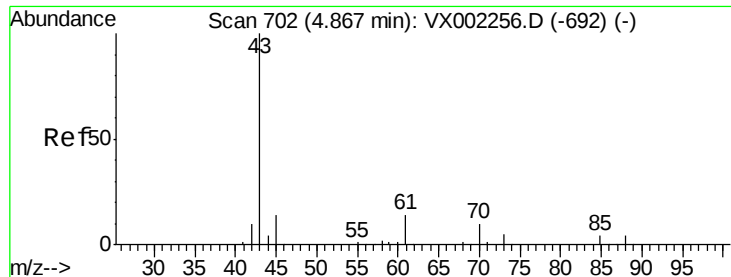


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.01 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleID :

SS004MW010-180529MS

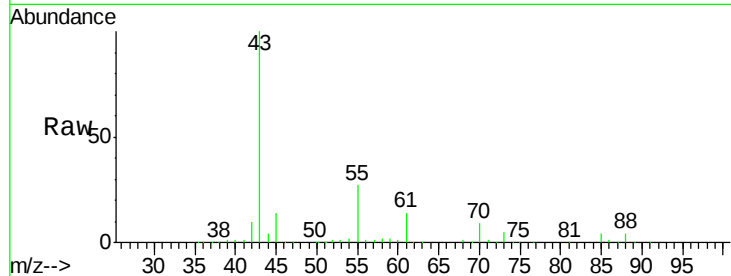
Tot Ion: 43 Resp: 209928

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

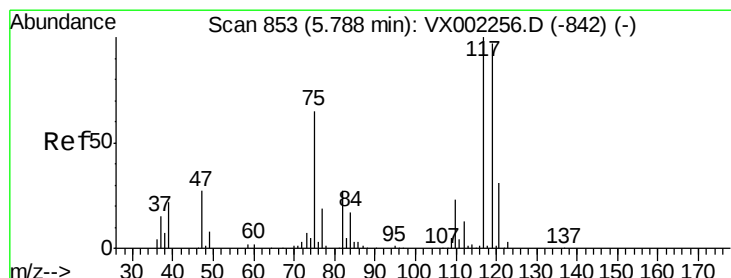
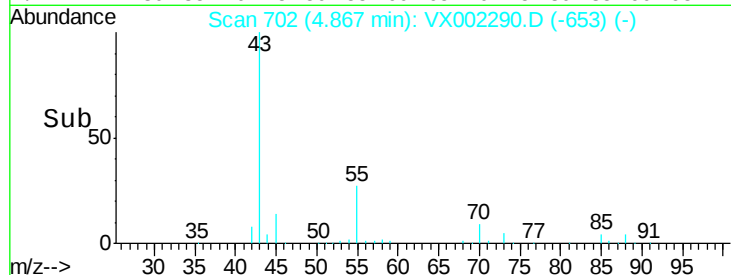
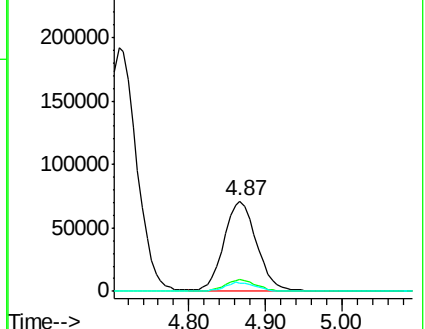
70 9.4 7.6 11.4



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

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

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



#38

Carbon Tetrachloride

Concen: 51.11 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

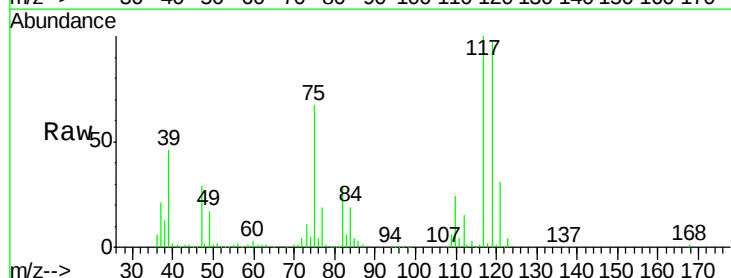
Tgt Ion: 117 Resp: 207336

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

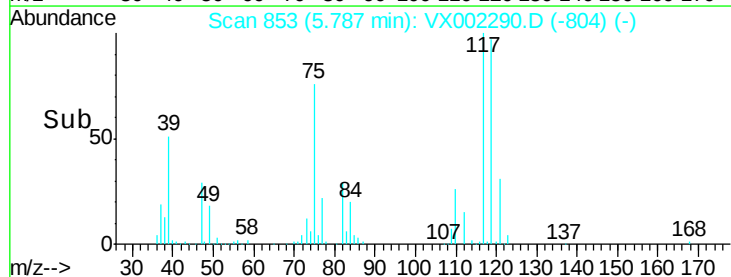
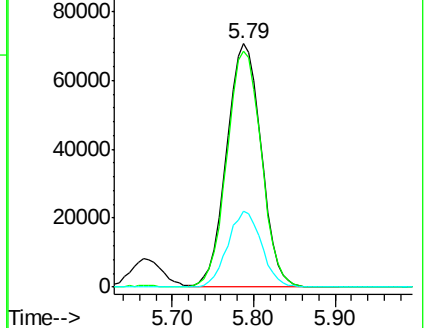
121 31.3 24.4 36.6

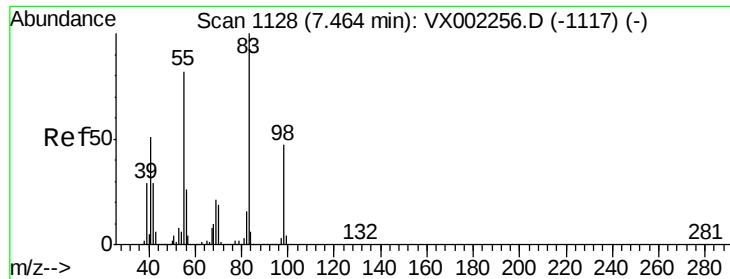


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

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

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

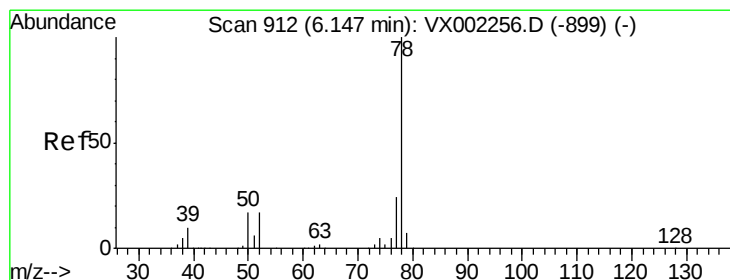
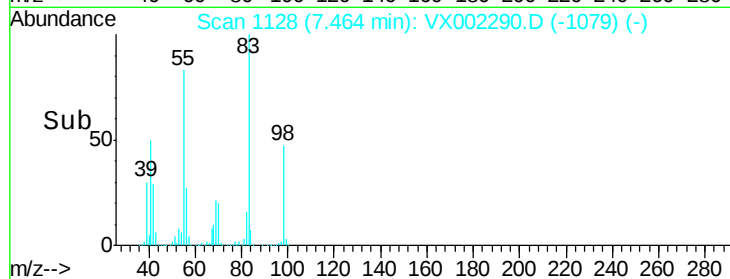
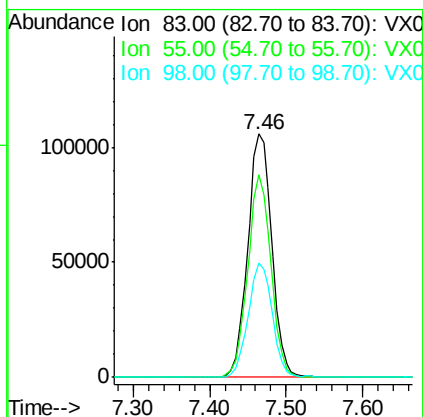
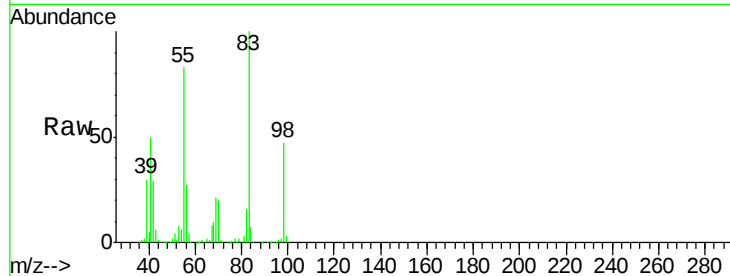




#39
Methvlcvclohexane
Concen: 48.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

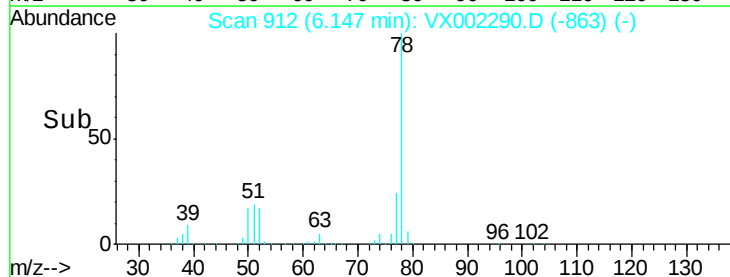
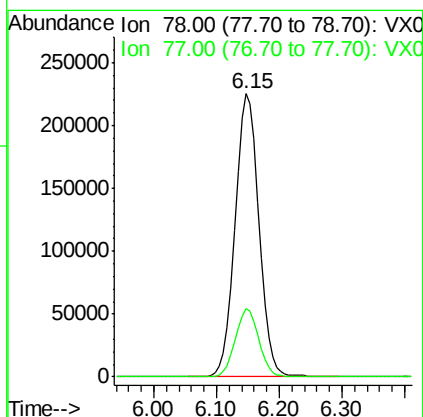
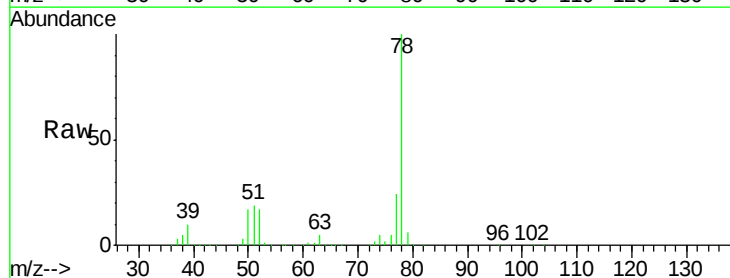
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

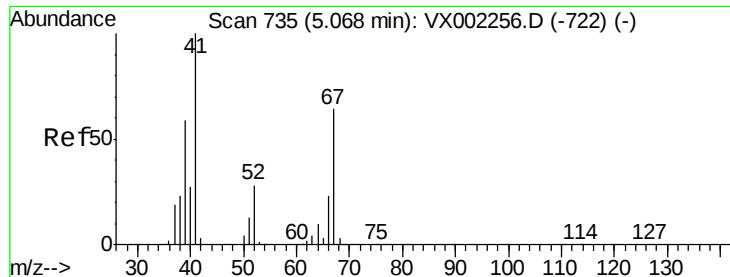
Tot Ion: 83 Resp: 232416
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 49.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 78 Resp: 593199
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

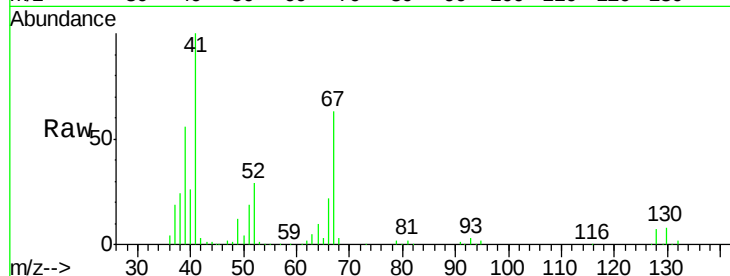




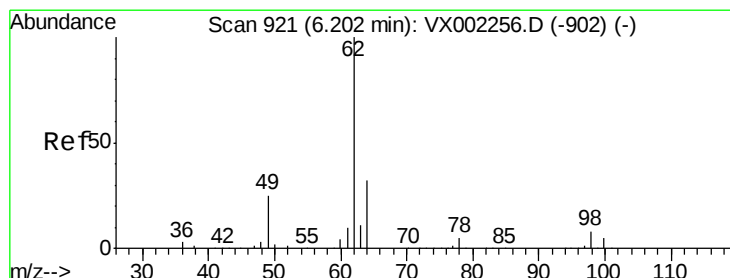
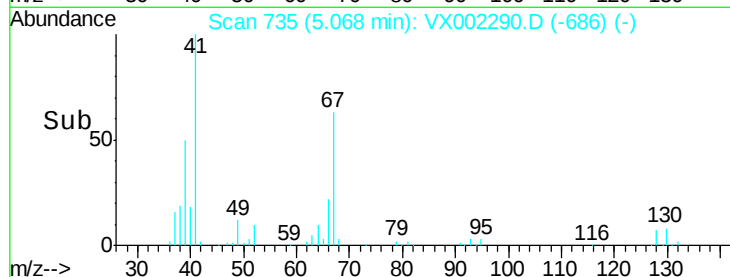
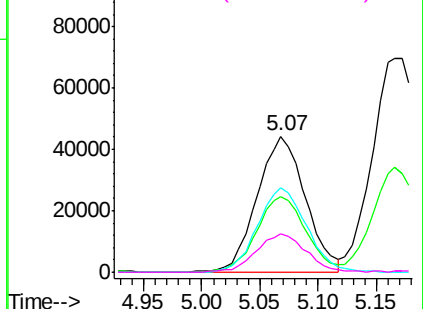
#41
Methacrylonitrile
Concen: 47.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion:	41	Resp:	126419
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	63.9	51.3	76.9
52	29.1	23.0	34.6

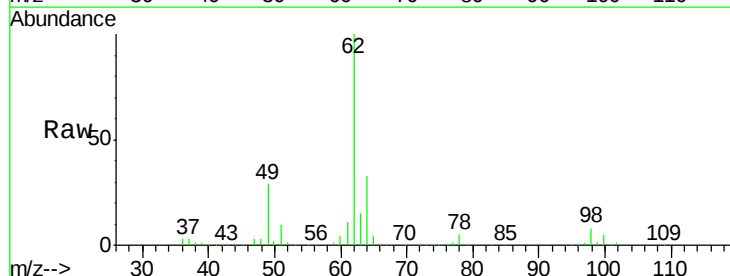


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

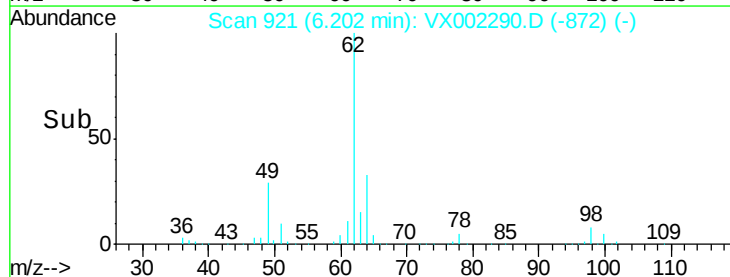
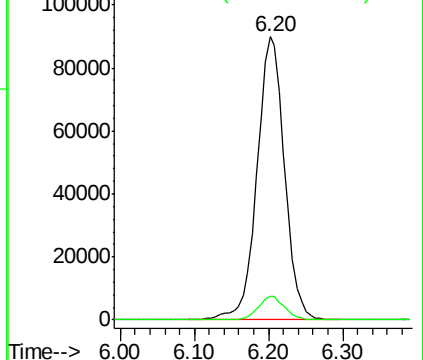


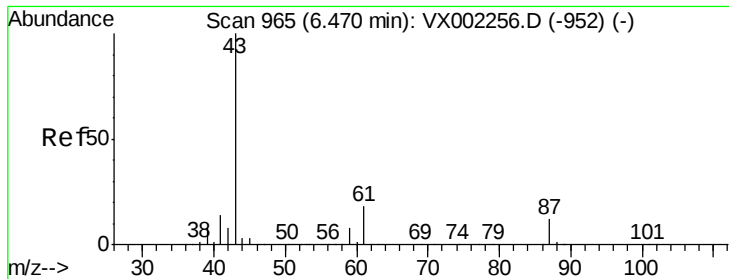
#42
1,2-Dichloroethane
Concen: 49.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:	62	Resp:	232537
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



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



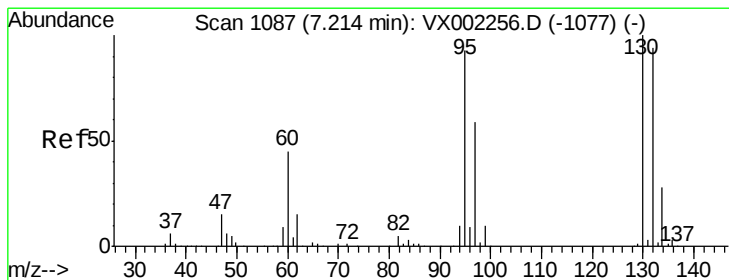
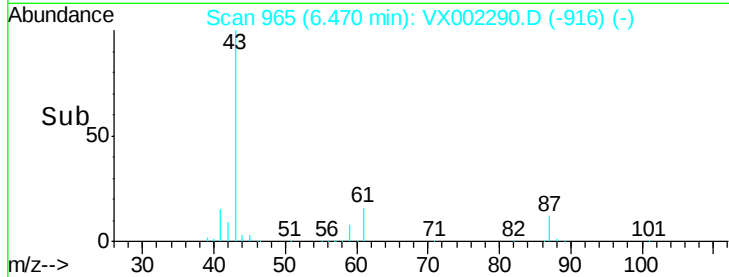
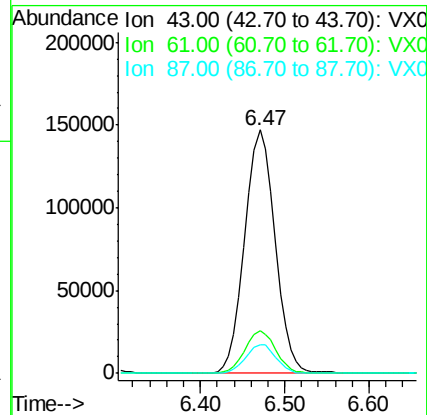
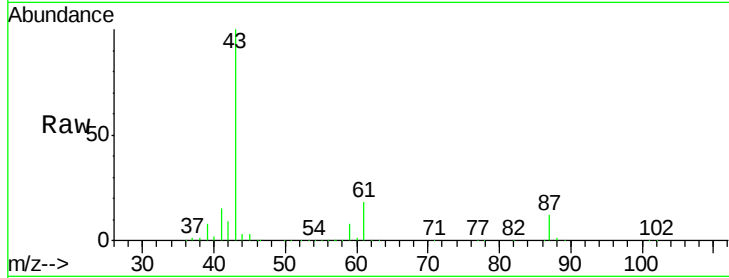


#43

Isopropyl Acetate
 Concen: 45.21 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

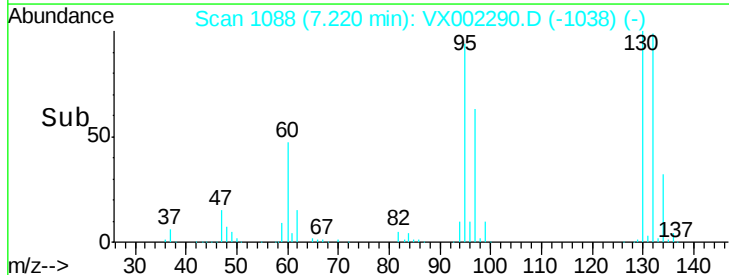
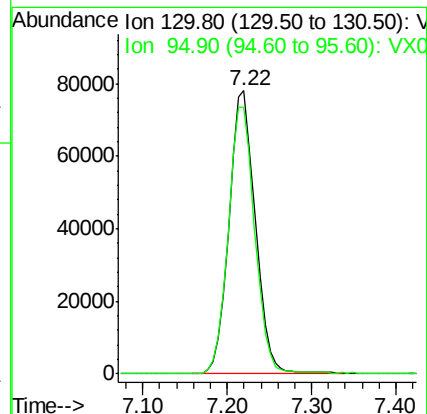
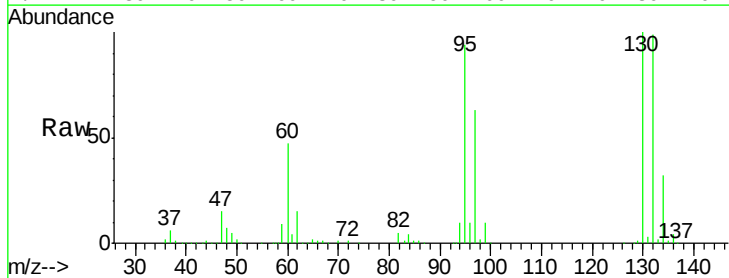
Tot Ion	43	Resp	358109
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.4	21.6
87	11.9	9.5	14.3

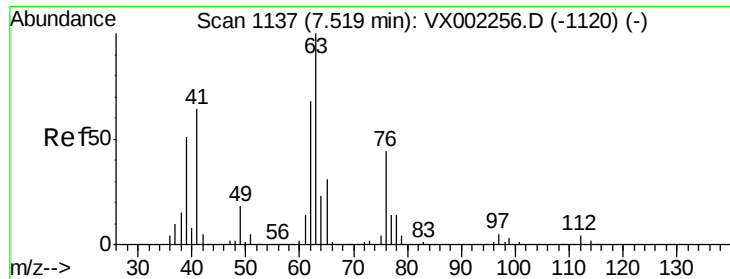


#44

Trichloroethene
 Concen: 50.51 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	130	Resp	166670
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	185.4





#45

1,2-Dichloropropane

Concen: 48.86 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

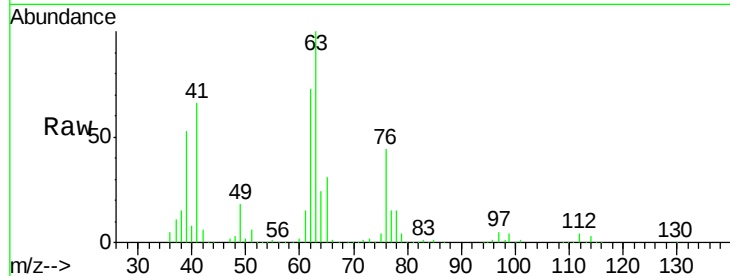
SS004MW010-180529MS

Tot Ion: 63 Resp: 156838

Ion Ratio Lower Upper

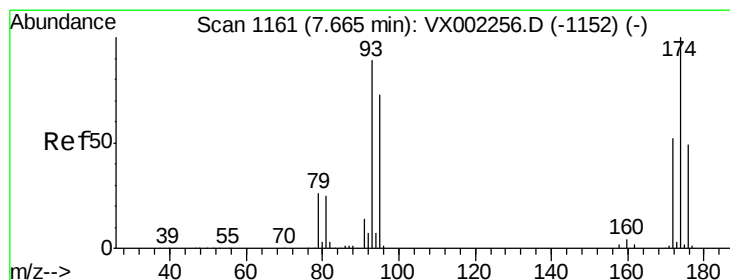
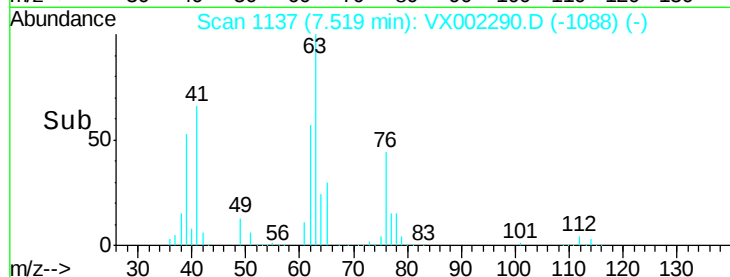
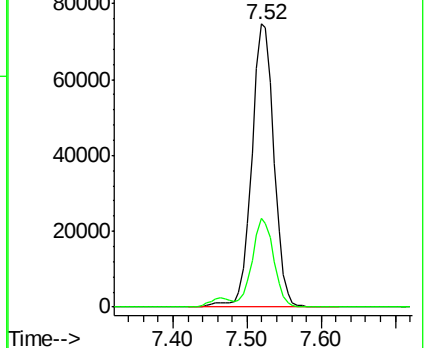
63 100

65 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.22 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

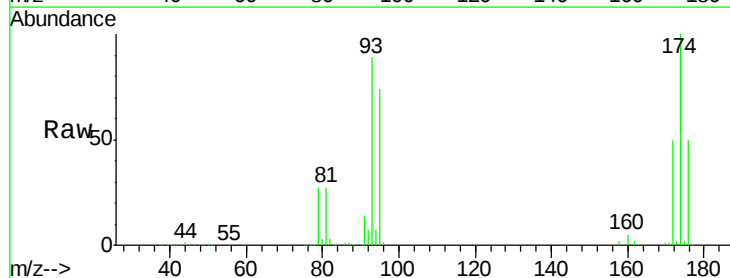
Tgt Ion: 93 Resp: 104939

Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

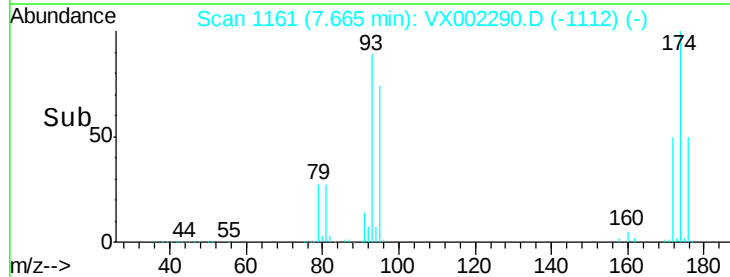
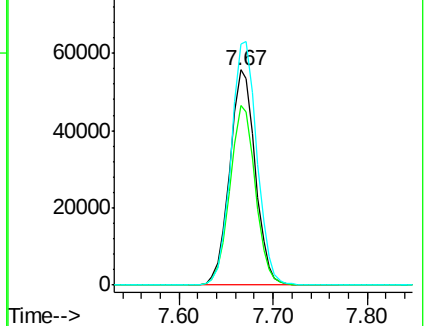
174 114.8 92.4 138.6

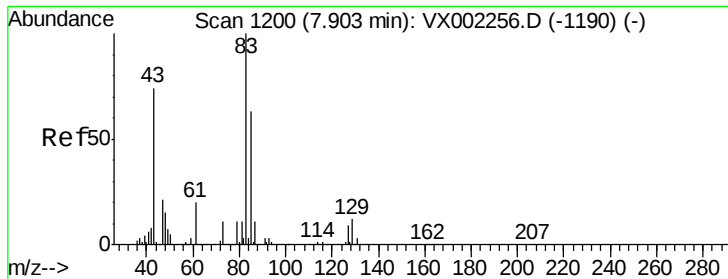


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.01 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

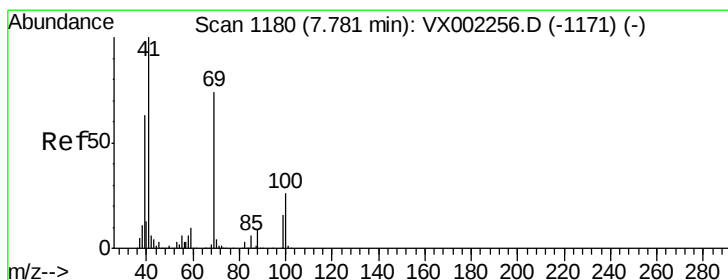
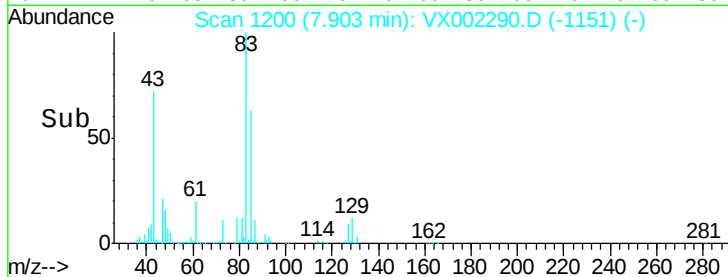
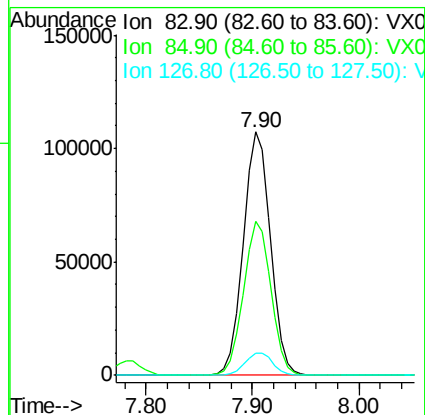
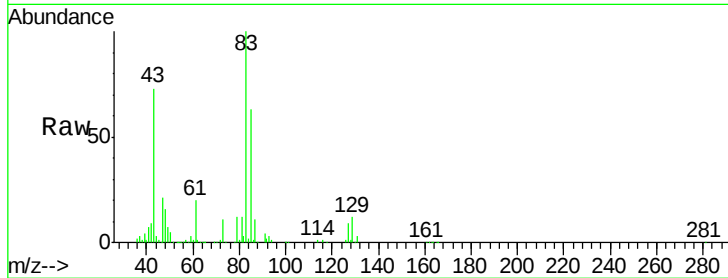
Tot Ion: 83 Resp: 192887

Ion Ratio Lower Upper

83 100

85 63.3 50.3 75.5

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 49.26 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

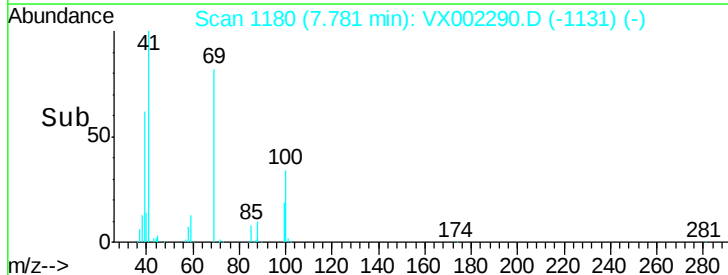
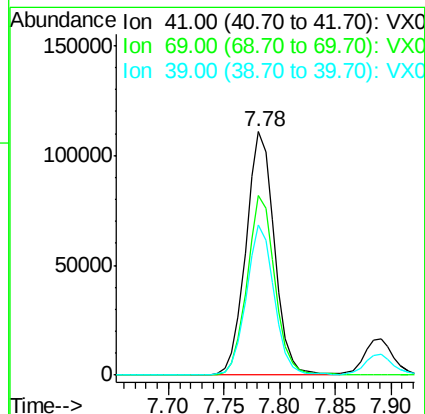
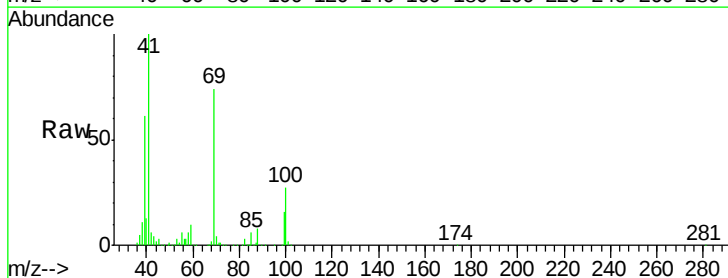
Tgt Ion: 41 Resp: 196021

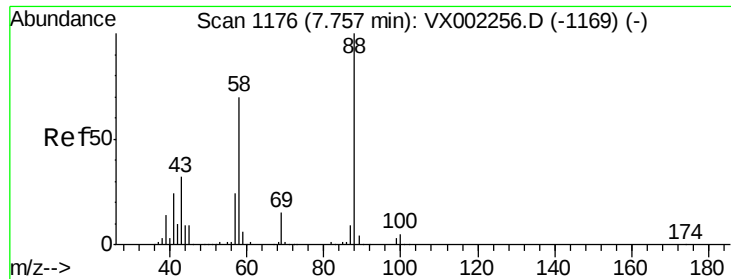
Ion Ratio Lower Upper

41 100

69 72.4 59.1 88.7

39 60.0 48.9 73.3

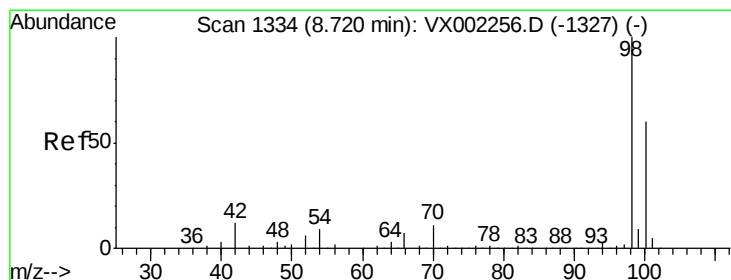
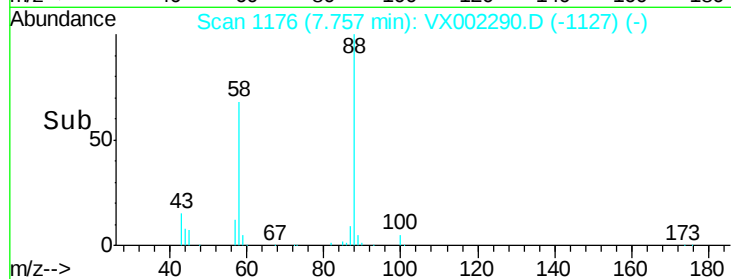
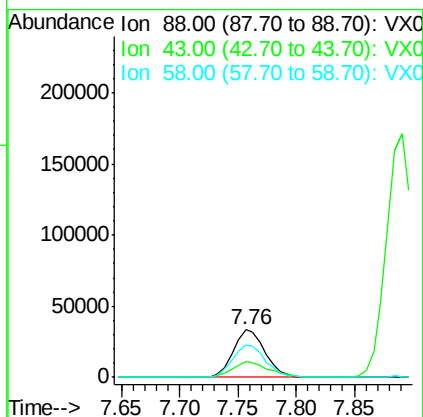
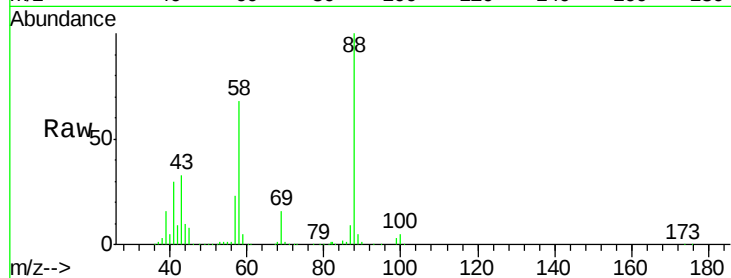




#49
1,4-Dioxane
Concen: 856.91 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

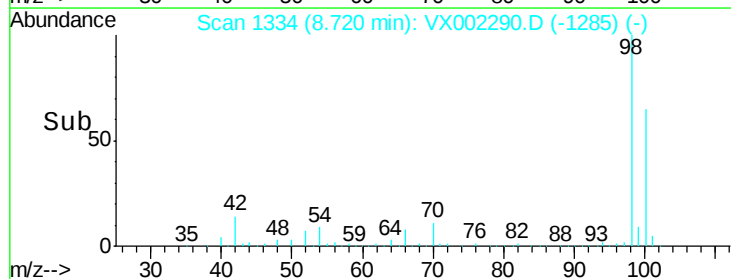
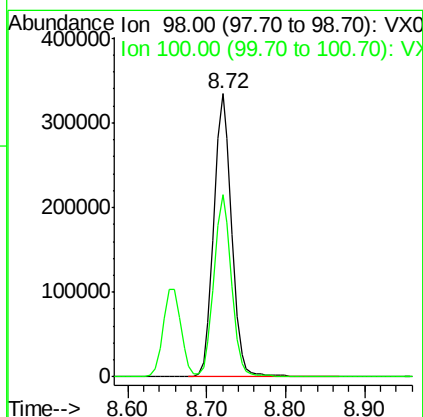
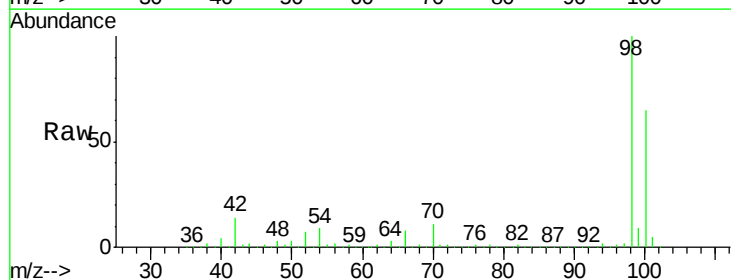
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

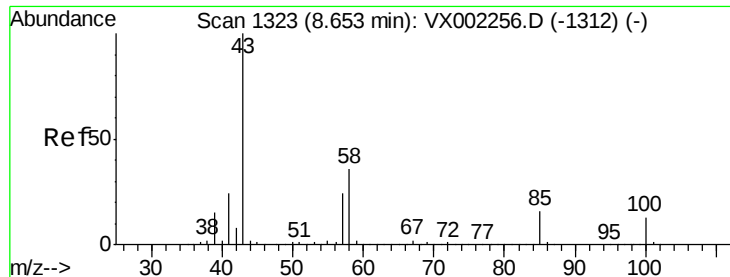
Tot Ion: 88 Resp: 63751
Ion Ratio Lower Upper
88 100
43 36.8 29.8 44.6
58 71.2 57.1 85.7



#50
Toluene-d8
Concen: 47.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 98 Resp: 527143
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 243.35 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

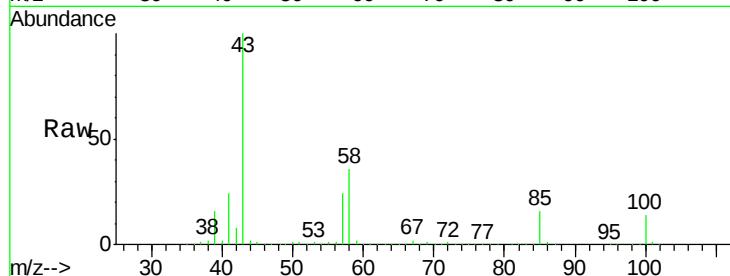
SS004MW010-180529MS

Tot Ion: 43 Resp: 1200431

Ion Ratio Lower Upper

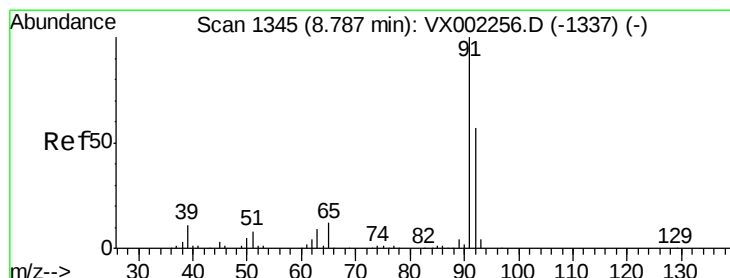
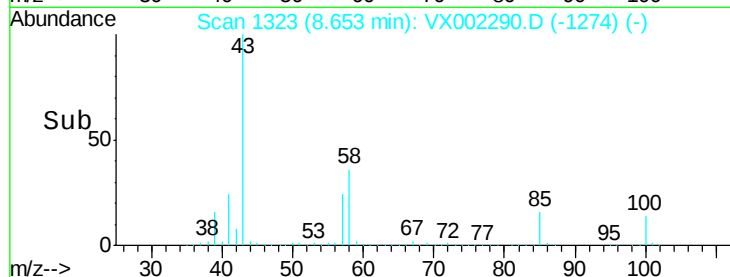
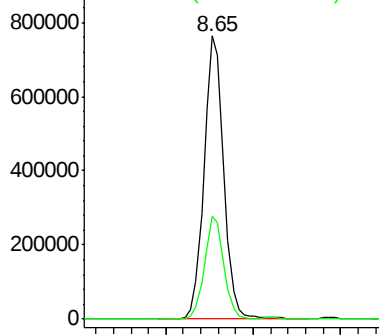
43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.99 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002290.D

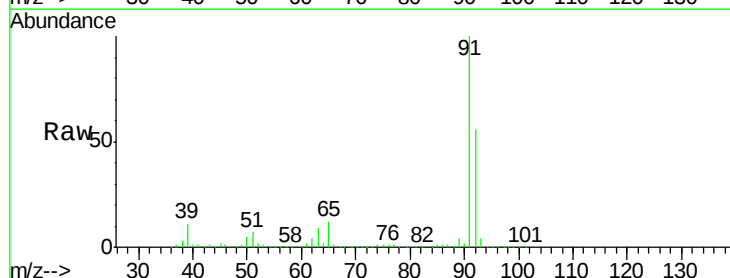
Acq: 05 Jun 2018 05:25

Tgt Ion: 92 Resp: 385579

Ion Ratio Lower Upper

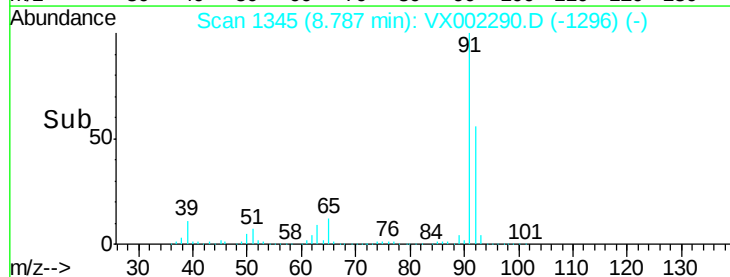
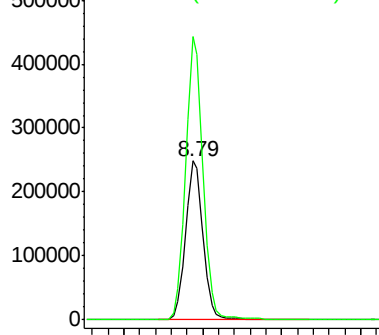
92 100

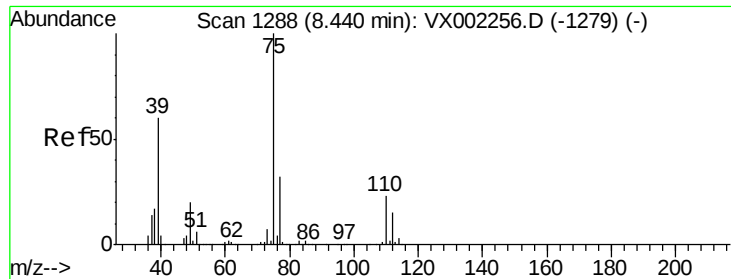
91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.78 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

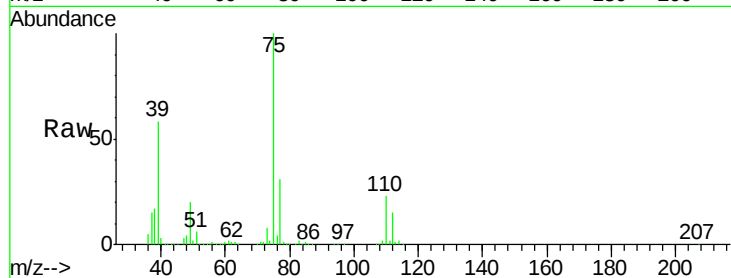
SS004MW010-180529MS

Tot Ion: 75 Resp: 220787

Ion Ratio Lower Upper

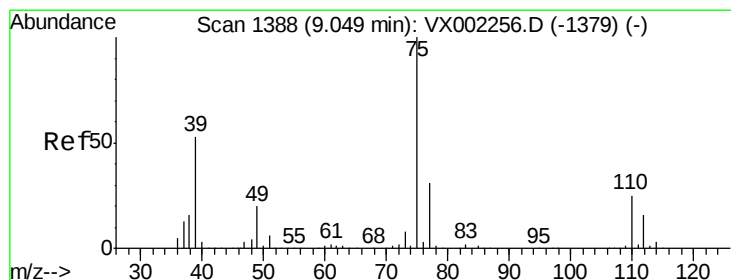
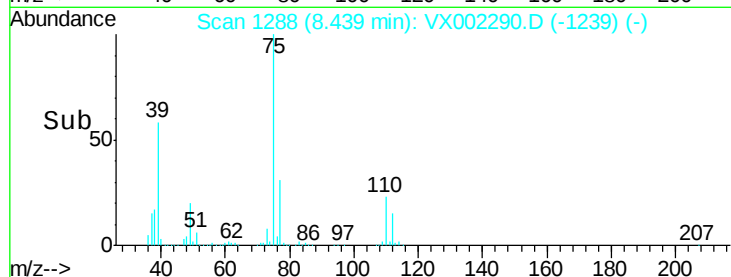
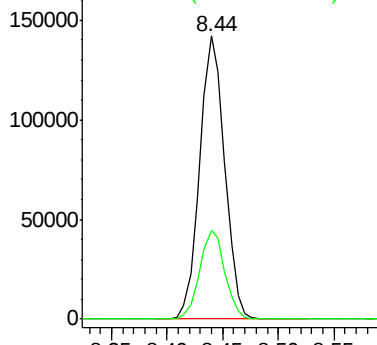
75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.37 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

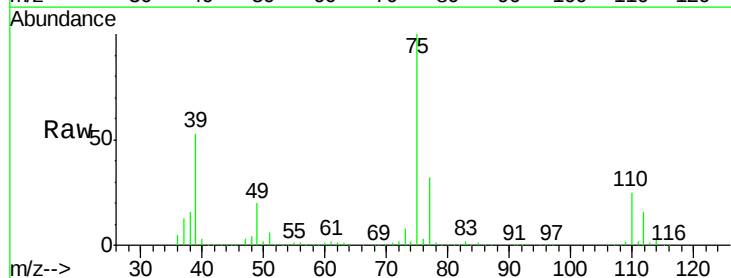
Tgt Ion: 75 Resp: 206484

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

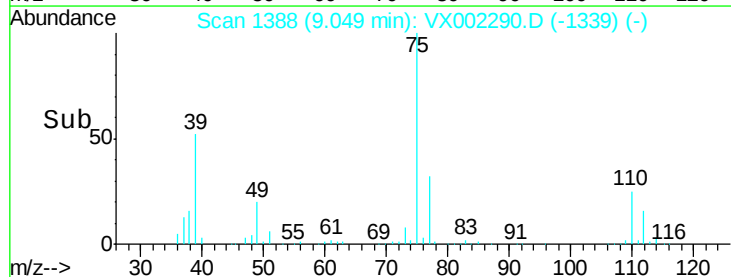
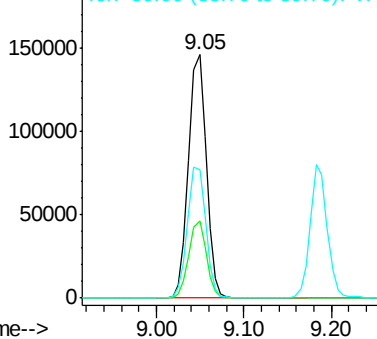
39 52.4 42.4 63.6

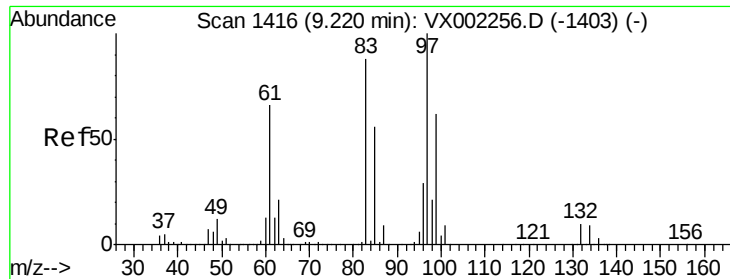


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.76 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 97 Resp: 154786

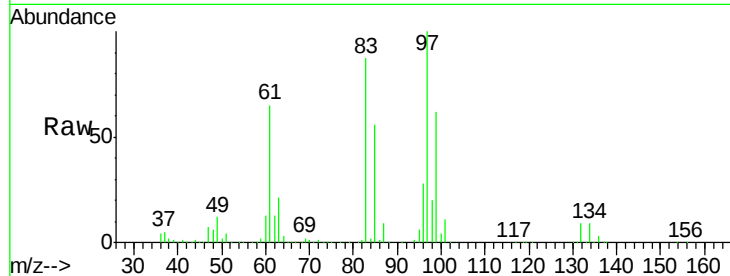
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	55.9	44.9	67.3
99	61.6	49.8	74.8

97 100

83 86.6 70.2 105.2

85 55.9 44.9 67.3

99 61.6 49.8 74.8

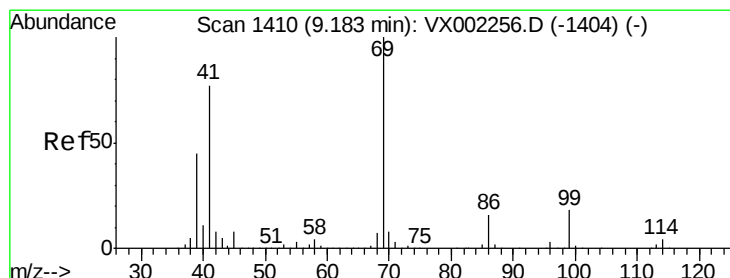
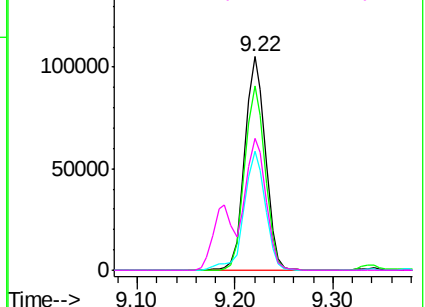
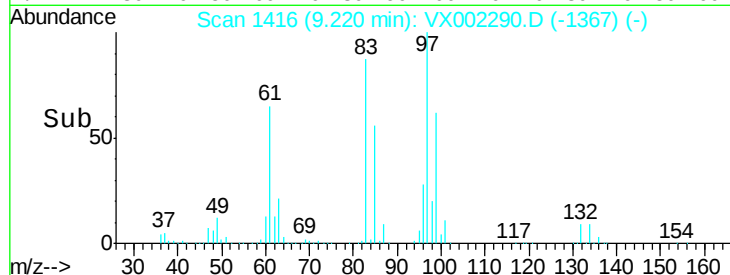


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.44 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

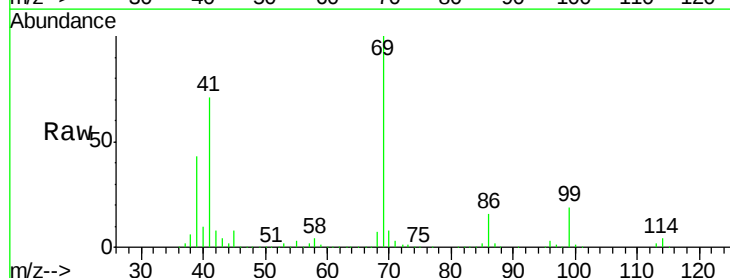
Tgt Ion: 69 Resp: 240558

Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.3	90.5
39	45.5	35.8	53.8

69 100

41 74.9 60.3 90.5

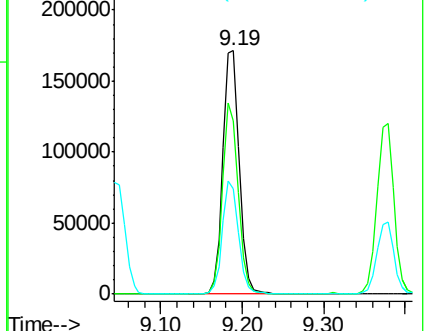
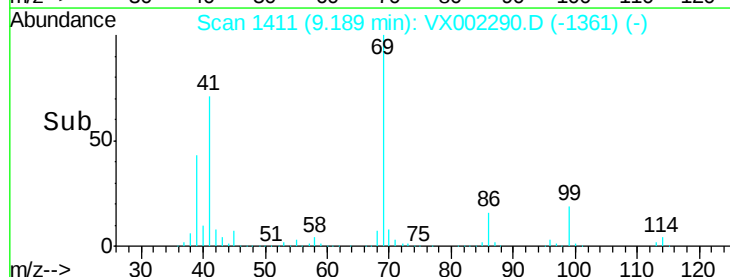
39 45.5 35.8 53.8



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: 48.80 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

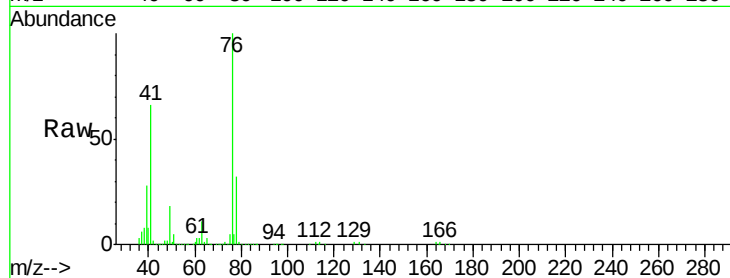
SS004MW010-180529MS

Tot Ion: 76 Resp: 254624

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

150000

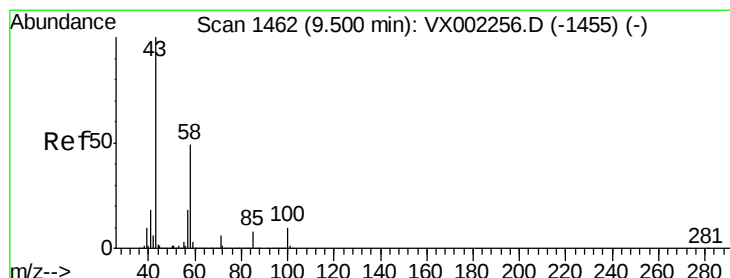
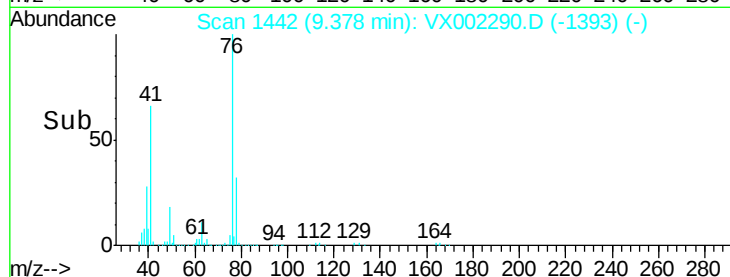
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 241.38 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002290.D

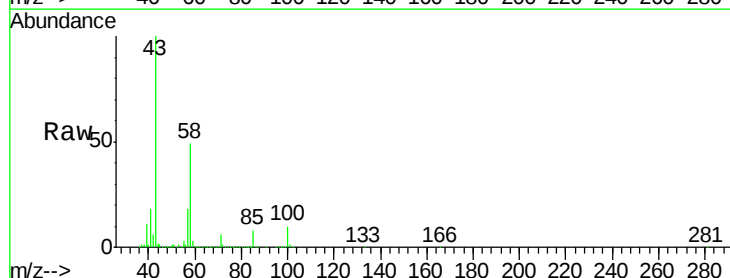
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 919705

Ion Ratio Lower Upper

43 100

58 49.5 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

600000

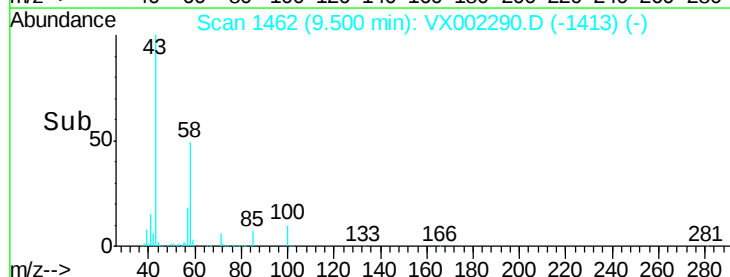
400000

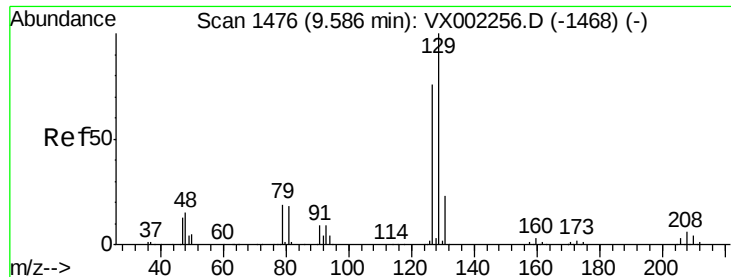
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.35 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

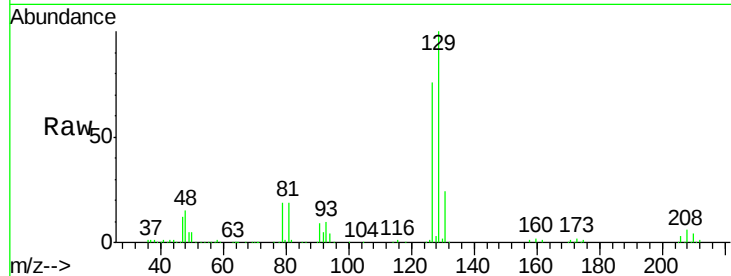
SS004MW010-180529MS

Tot Ion:129 Resp: 157528

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

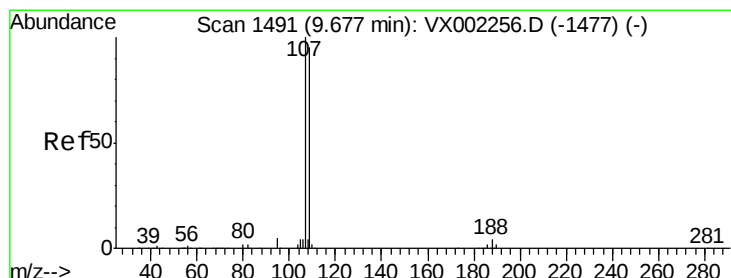
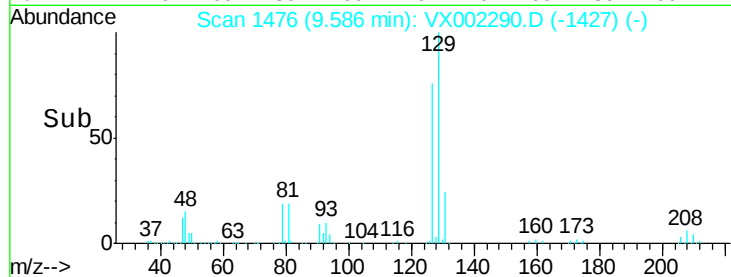
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 50.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002290.D

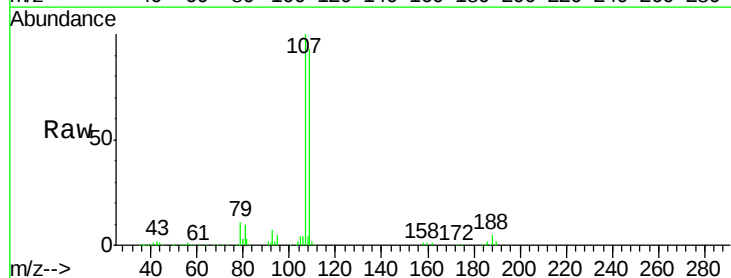
Acq: 05 Jun 2018 05:25

Tgt Ion:107 Resp: 163909

Ion Ratio Lower Upper

107 100

109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

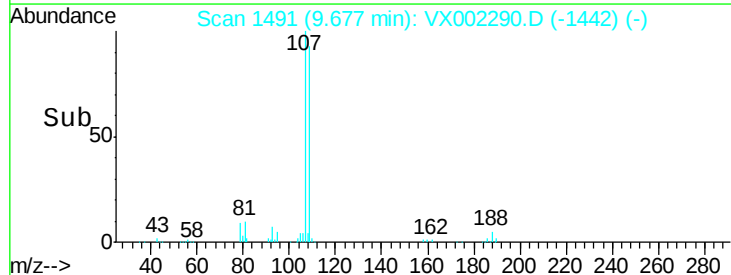
9.68

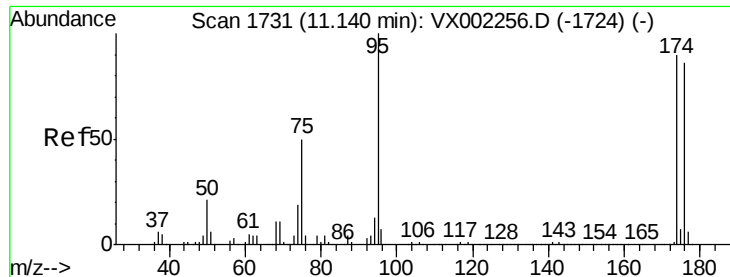
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80

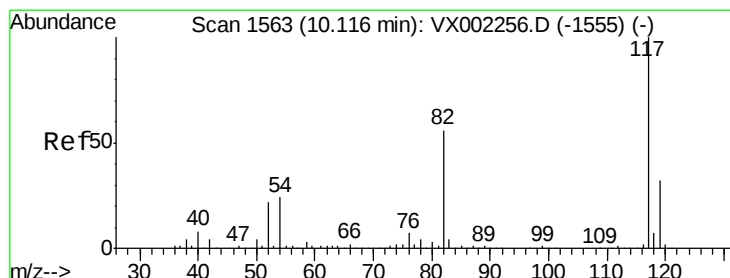
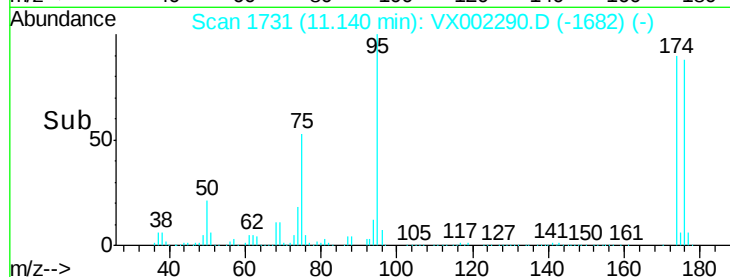
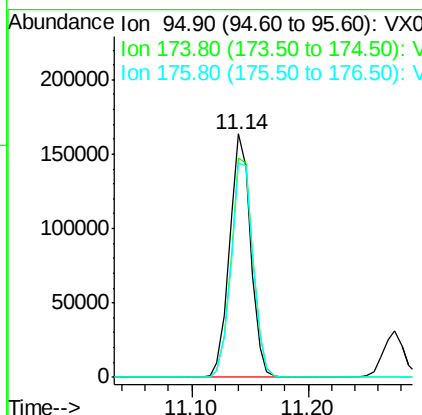
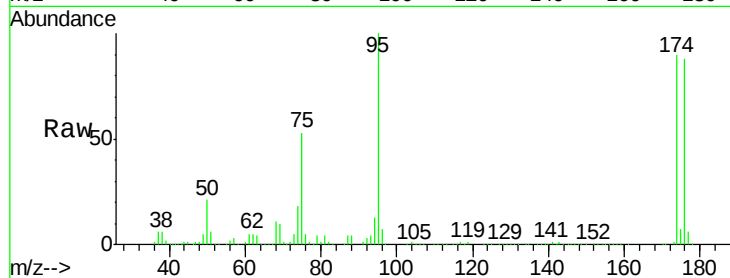




#62
4-Bromofluorobenzene
Concen: 48.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

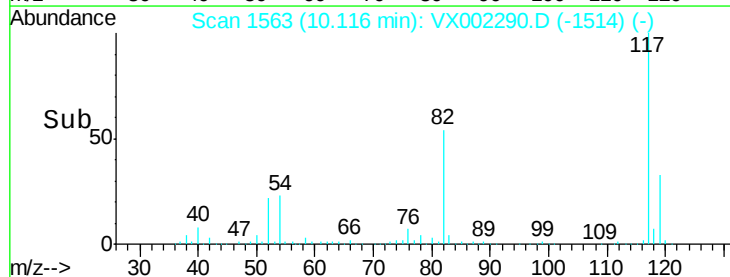
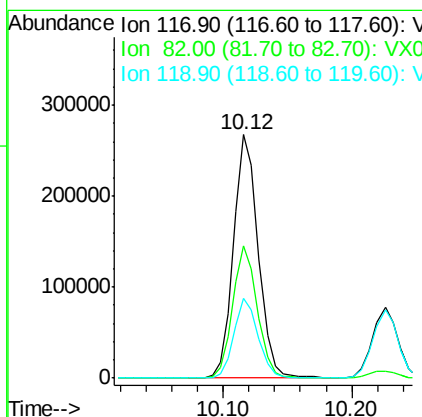
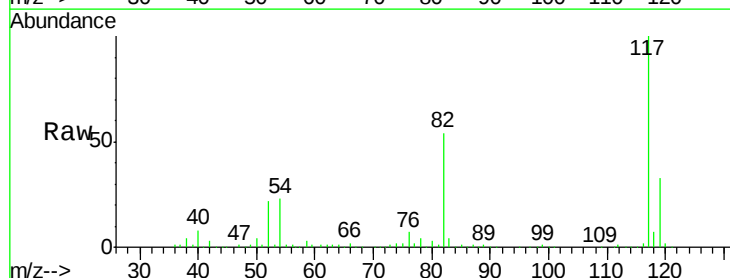
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

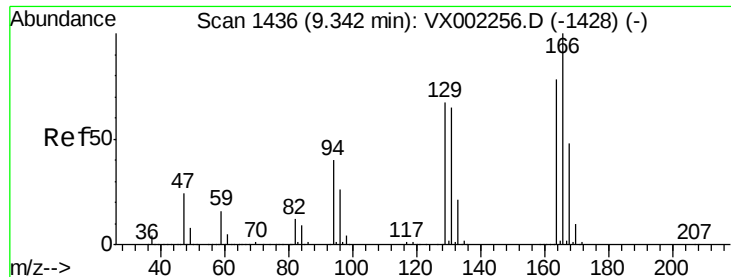
Tot Ion: 95 Resp: 206354
Ion Ratio Lower Upper
95 100
174 93.9 0.0 187.4
176 92.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 117 Resp: 358221
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.6 25.8 38.6





#64

Tetrachloroethene

Concen: 48.45 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion:164 Resp: 178997

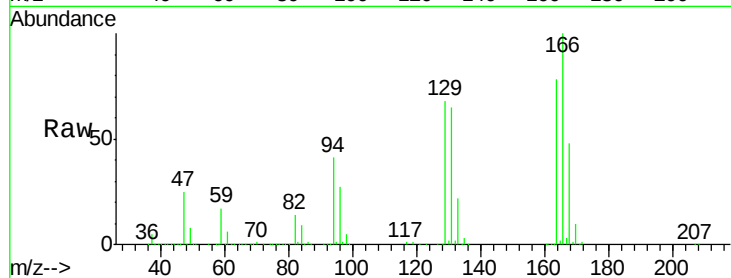
Ion Ratio Lower Upper

164 100

166 128.5 102.9 154.3

129 87.1 68.6 102.8

131 84.1 66.8 100.2

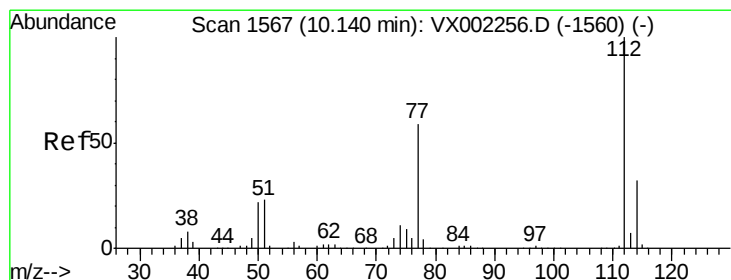
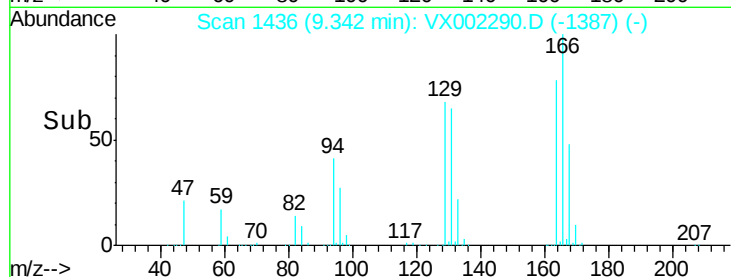
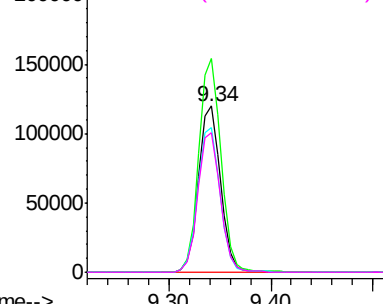


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.31 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002290.D

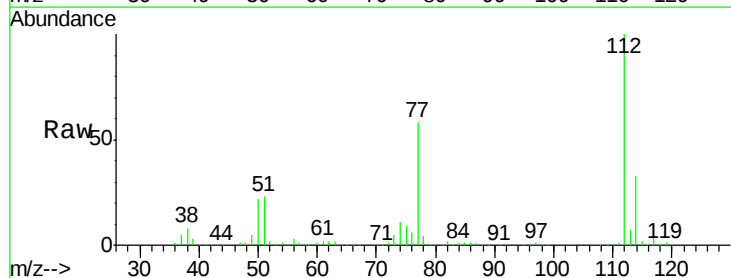
Acq: 05 Jun 2018 05:25

Tgt Ion:112 Resp: 439521

Ion Ratio Lower Upper

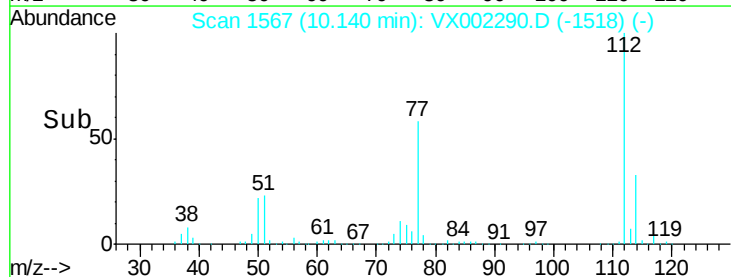
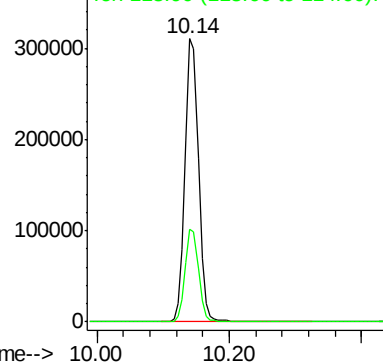
112 100

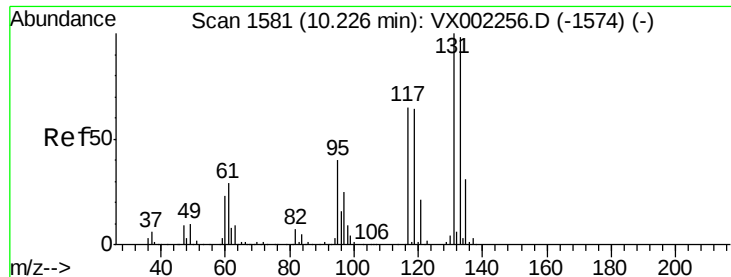
114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

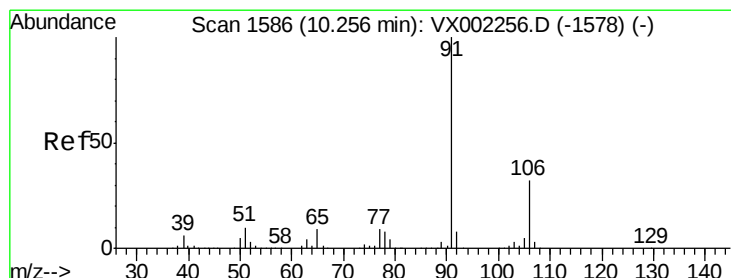
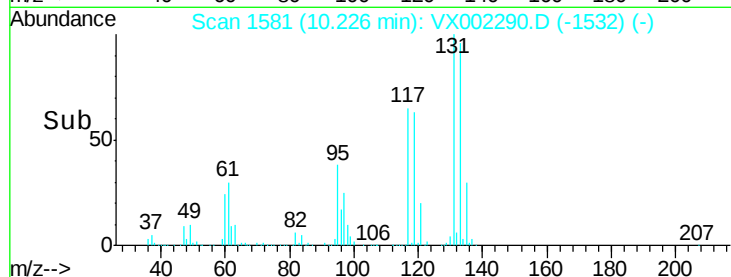
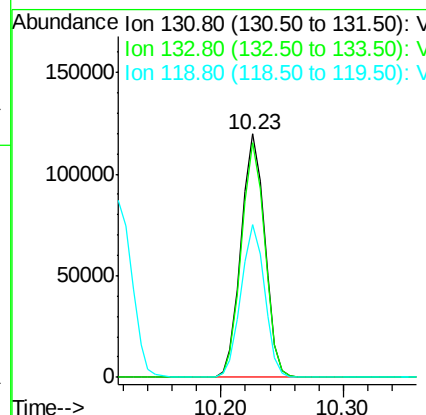
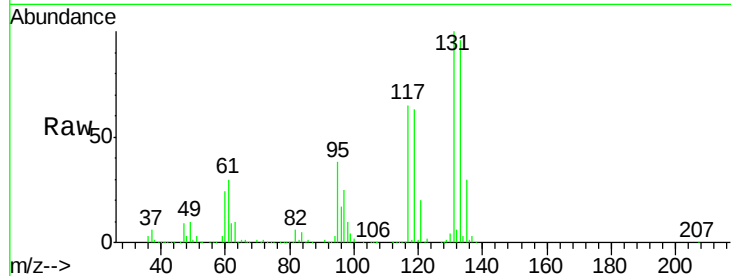




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.68 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

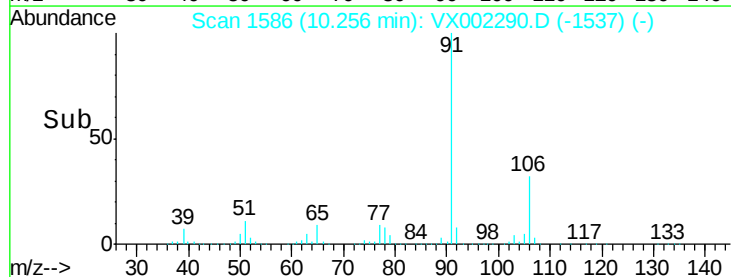
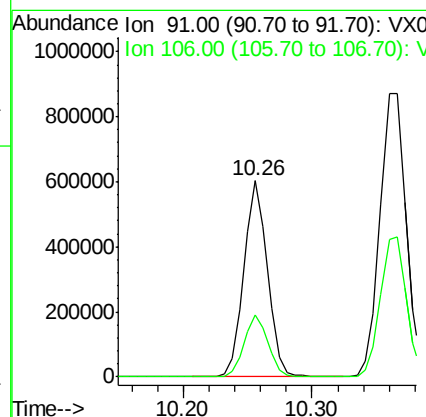
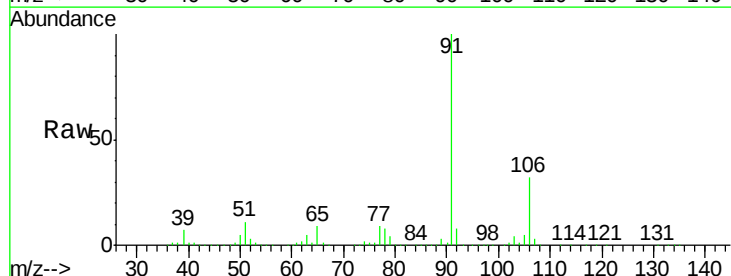
Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

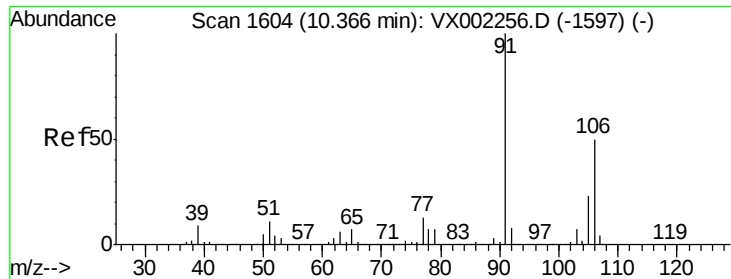
Tot Ion:131 Resp: 160332
 Ion Ratio Lower Upper
 131 100
 133 95.4 47.9 143.6
 119 62.7 31.8 95.3



#67
 Ethyl Benzene
 Concen: 51.20 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 91 Resp: 763784
 Ion Ratio Lower Upper
 91 100
 106 31.5 25.5 38.3

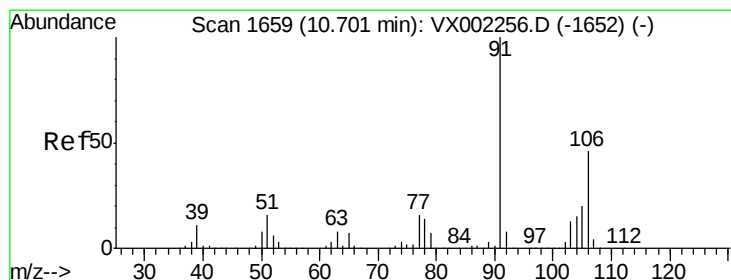
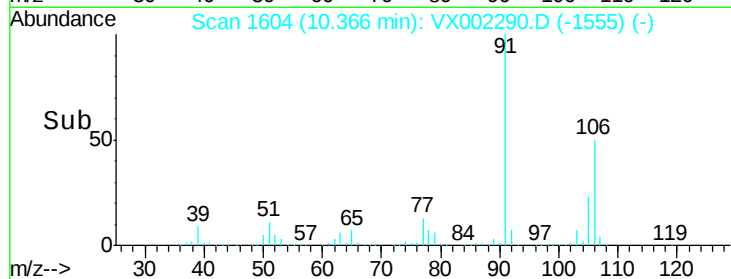
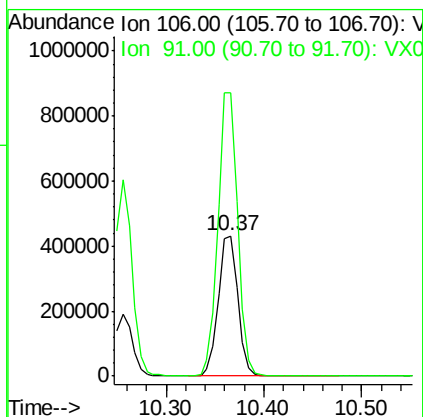
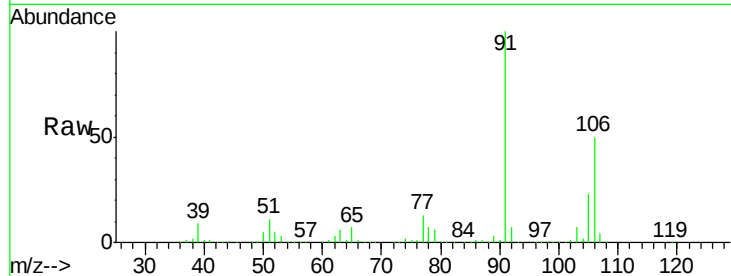




#68
m/p-Xvlenes
Concen: 103.41 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

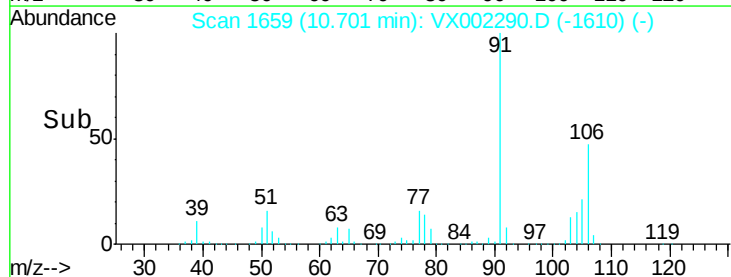
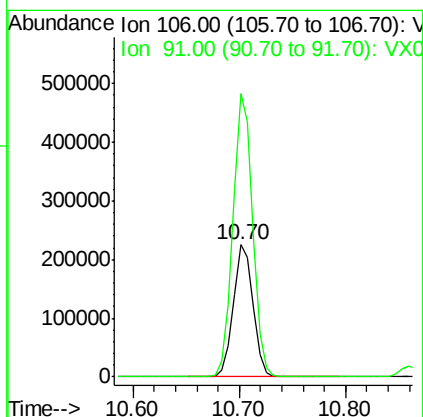
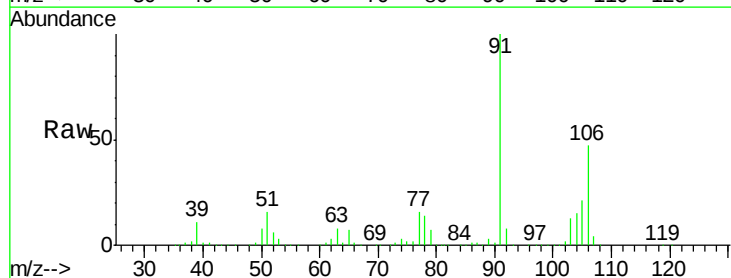
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

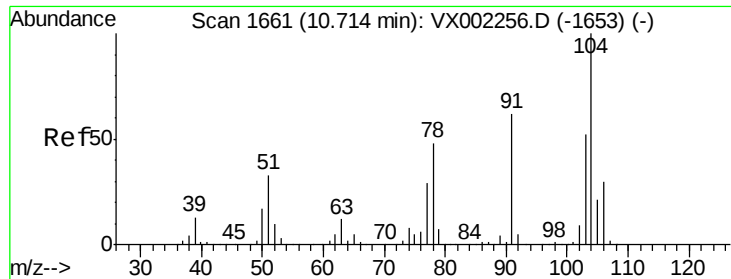
Tot Ion:106 Resp: 599650
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2



#69
o-Xylene
Concen: 50.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:106 Resp: 292328
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

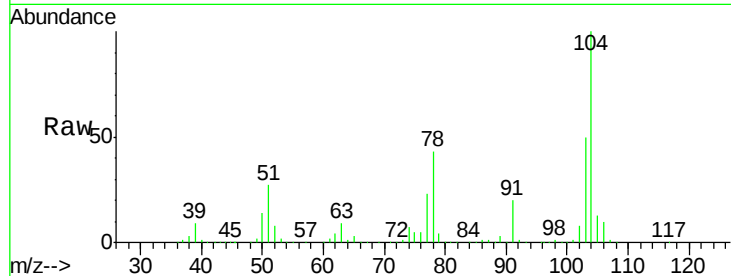




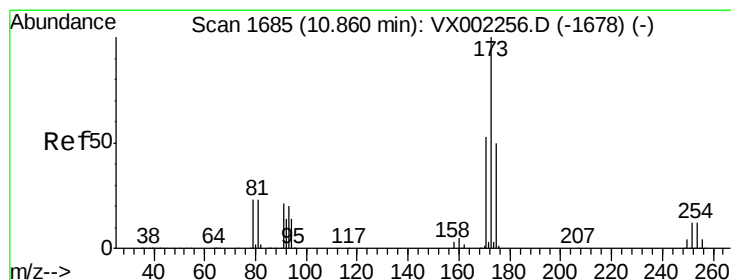
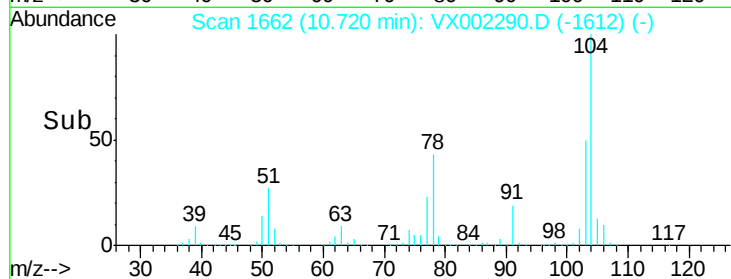
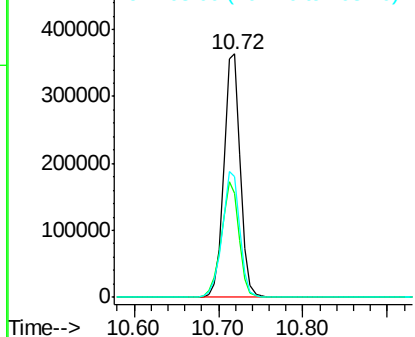
#70
Stvrene
Concen: 51.76 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion:104 Resp: 488301
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 55.7 44.2 66.4

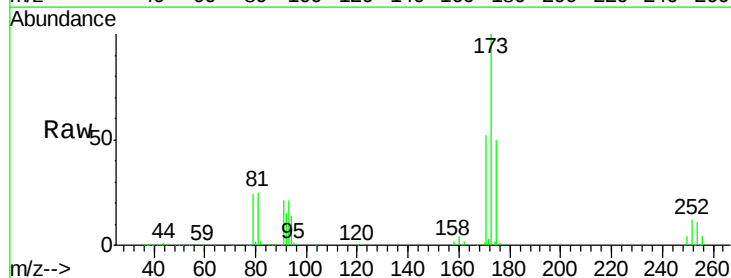


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

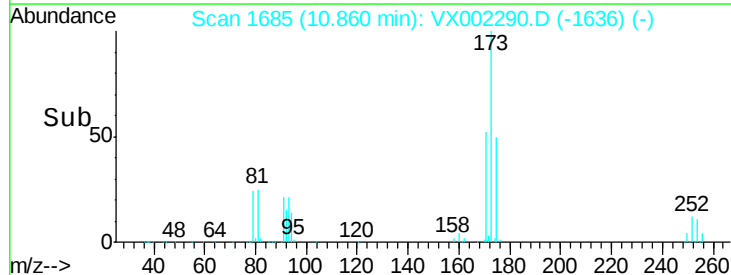
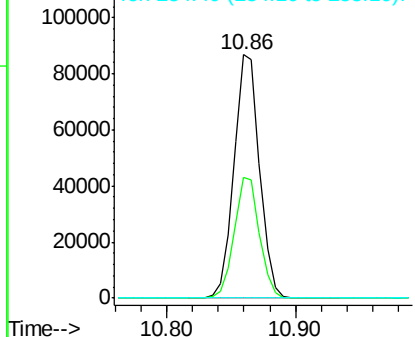


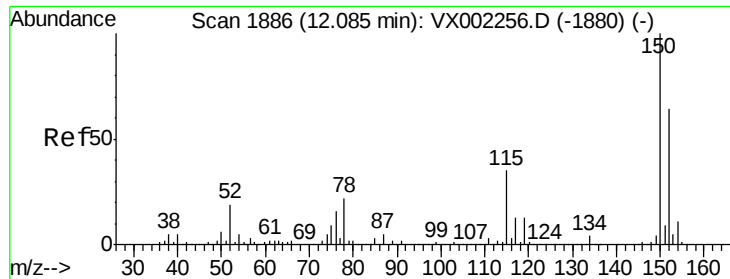
#71
Bromoform
Concen: 42.08 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:173 Resp: 119936
Ion Ratio Lower Upper
173 100
175 49.1 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: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

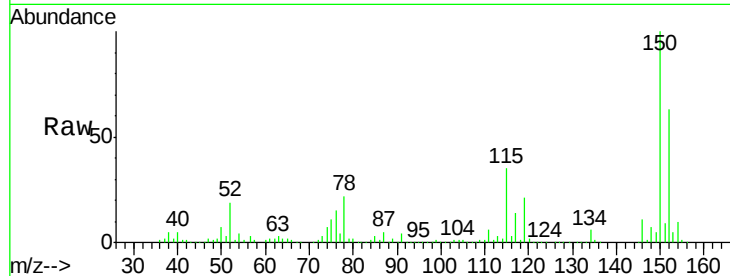
Tot Ion:152 Resp: 228869

Ion Ratio Lower Upper

152 100

115 80.3 40.1 120.2

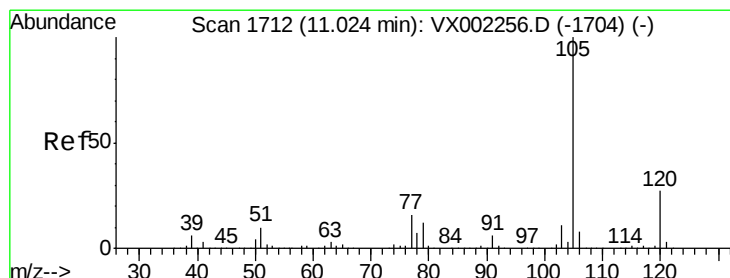
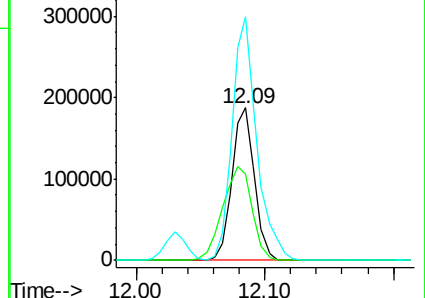
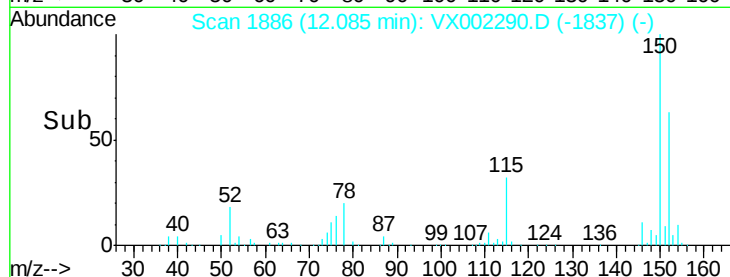
150 174.6 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002290.D

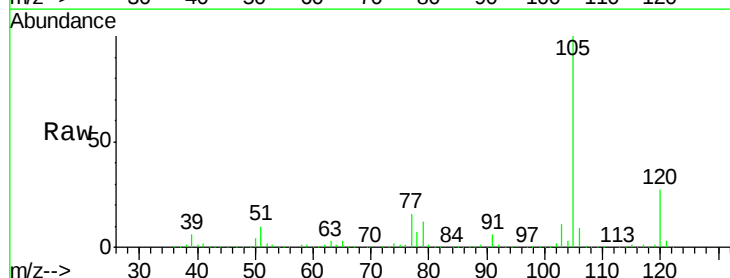
Acq: 05 Jun 2018 05:25

Tgt Ion:105 Resp: 792620

Ion Ratio Lower Upper

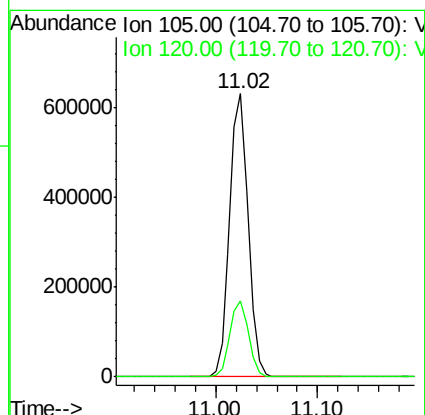
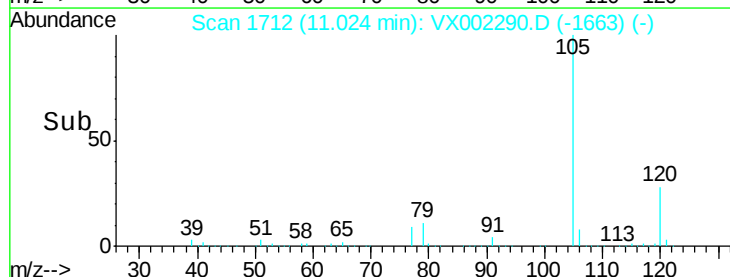
105 100

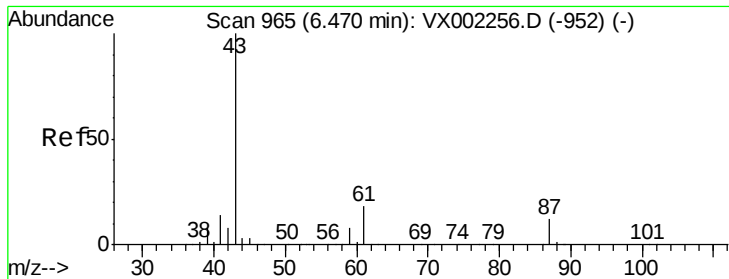
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

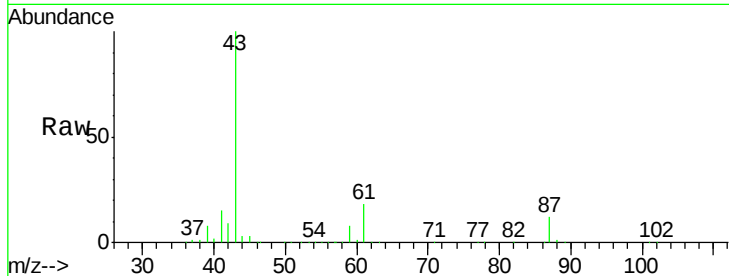
ClientSampleId :

SS004MW010-180529MS

Tot Ion: 43 Resp: 358109

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.2	0.0	0.0#
61	17.9	14.4	21.6

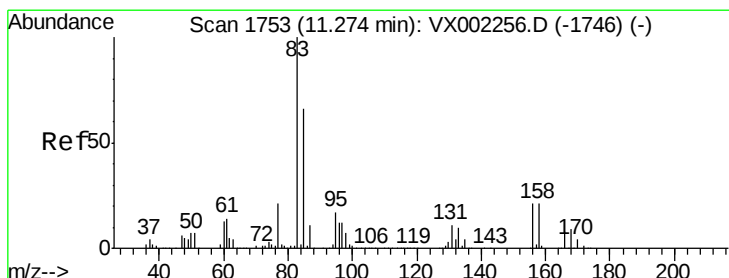
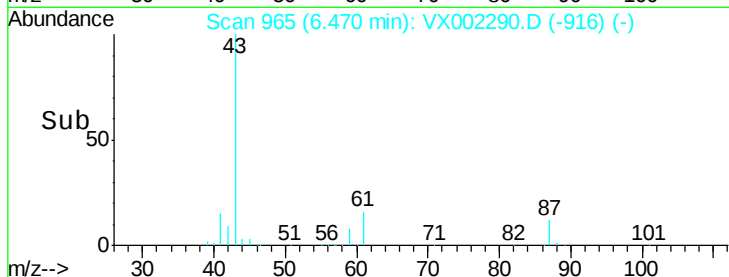
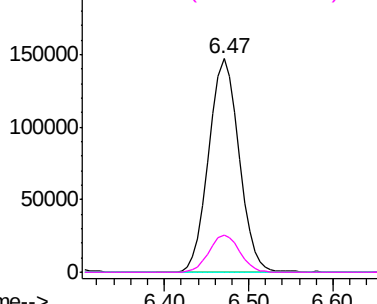


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 46.25 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

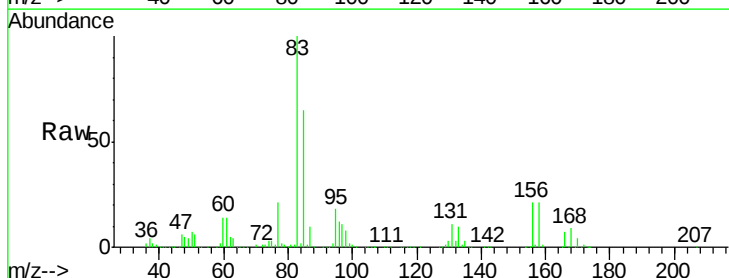
Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion: 83 Resp: 231597

Ion Ratio Lower Upper

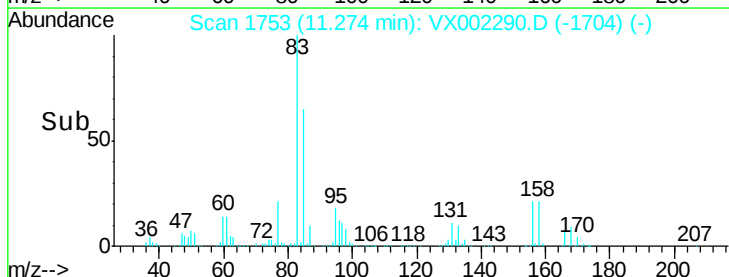
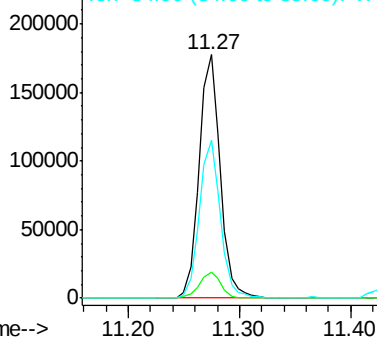
83	100		
131	10.9	5.6	16.8
85	64.7	32.4	97.2

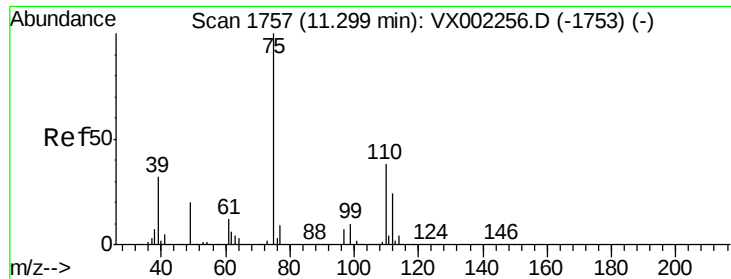


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

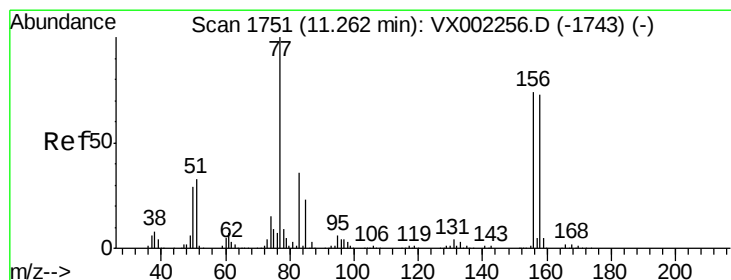
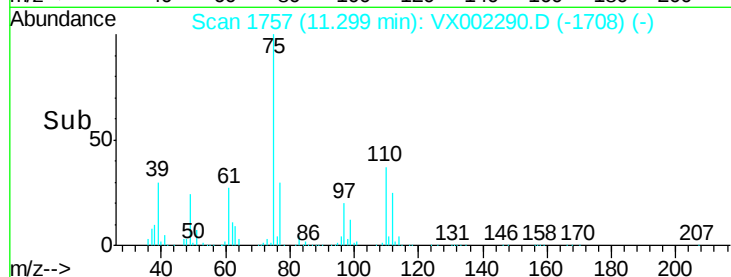
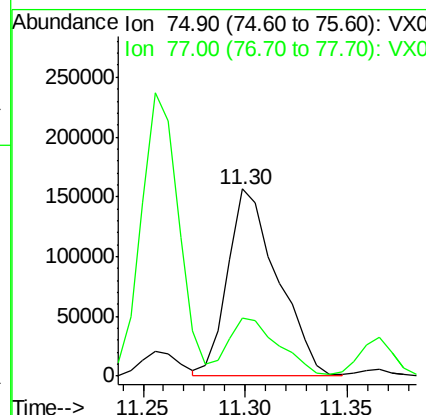
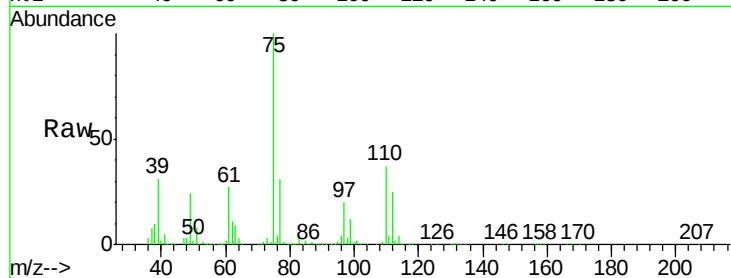




#76
 1,2,3-Trichloropropane
 Concen: 52.76 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

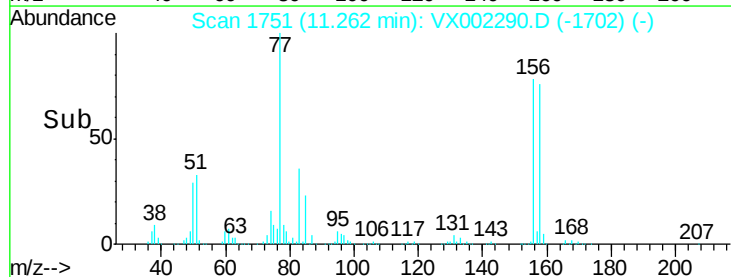
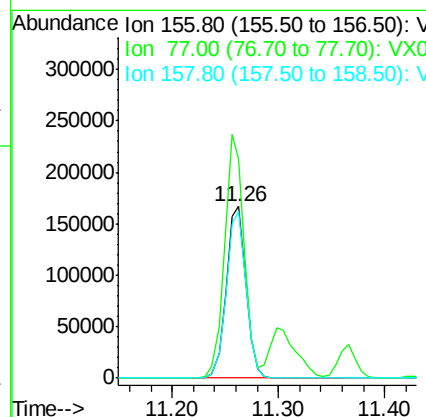
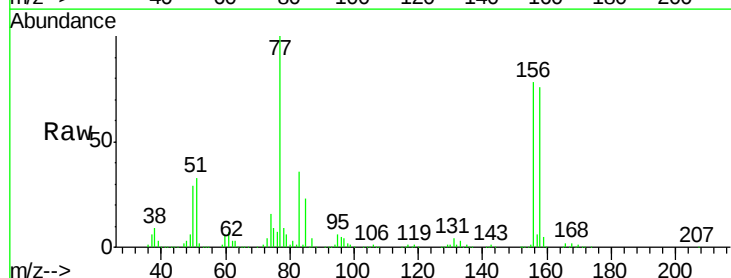
Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

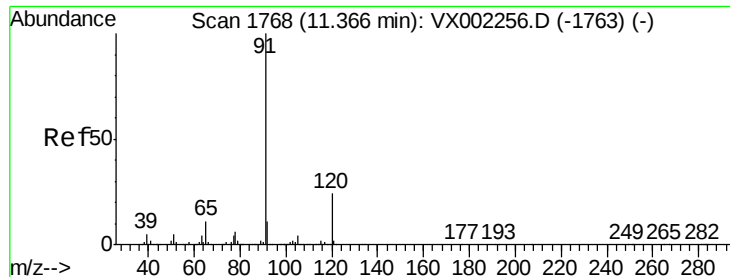
Tot Ion: 75 Resp: 264979
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.8 68.3



#77
 Bromobenzene
 Concen: 48.28 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 156 Resp: 215804
 Ion Ratio Lower Upper
 156 100
 77 139.3 71.4 214.2
 158 97.0 48.9 146.6





#78

n-propylbenzene

Concen: 51.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

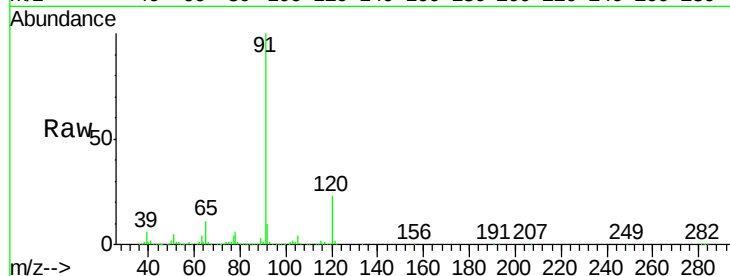
SS004MW010-180529MS

Tot Ion: 91 Resp: 905993

Ion Ratio Lower Upper

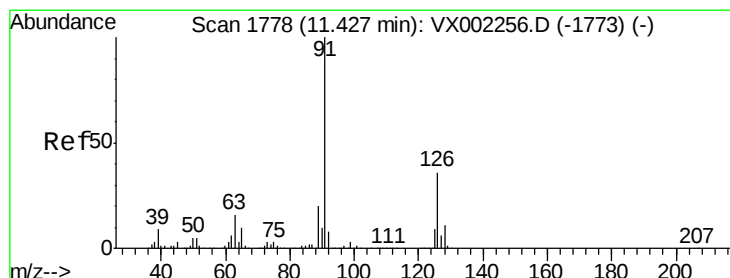
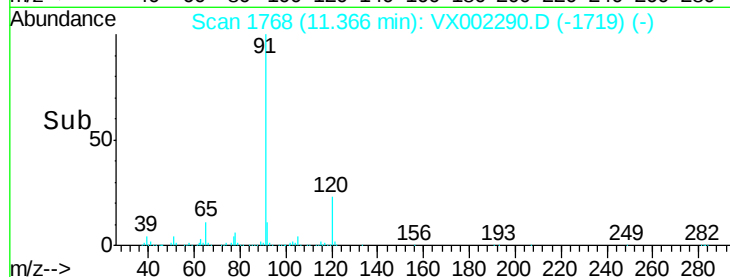
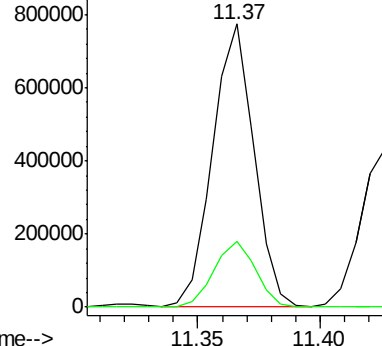
91 100

120 23.6 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: 48.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002290.D

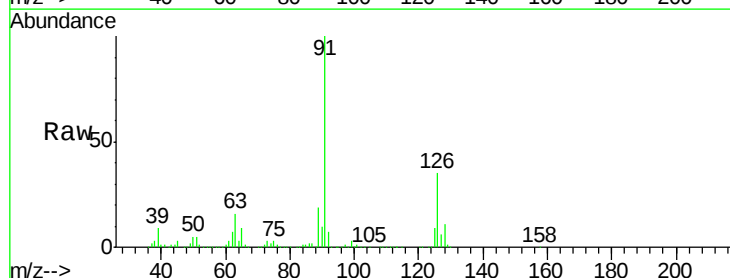
Acq: 05 Jun 2018 05:25

Tgt Ion: 91 Resp: 537307

Ion Ratio Lower Upper

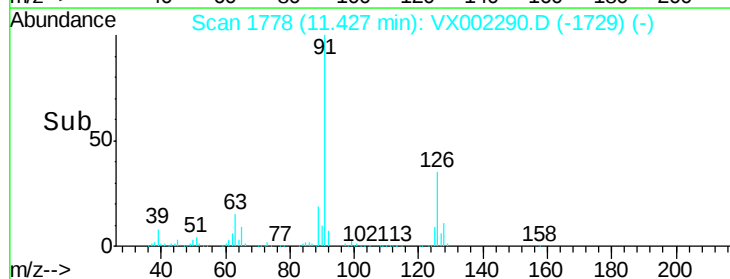
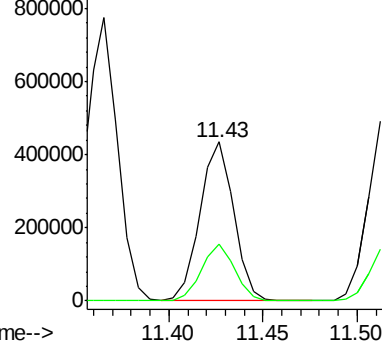
91 100

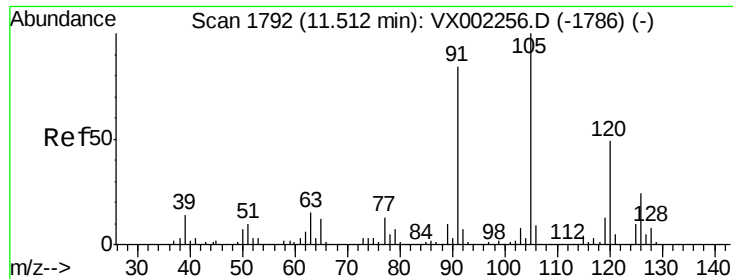
126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

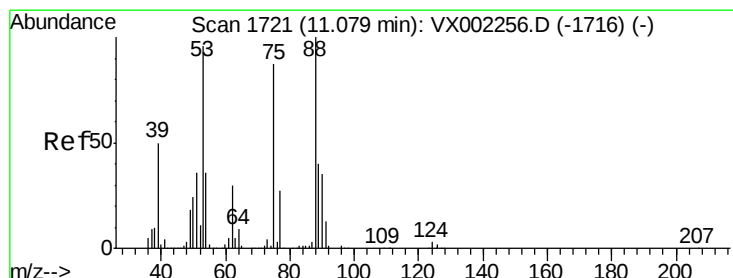
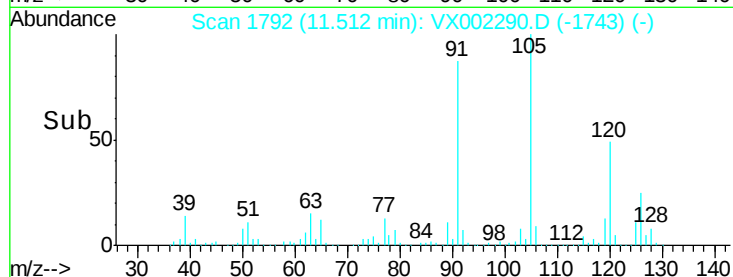
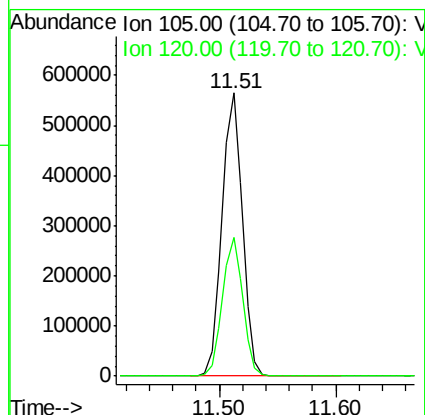
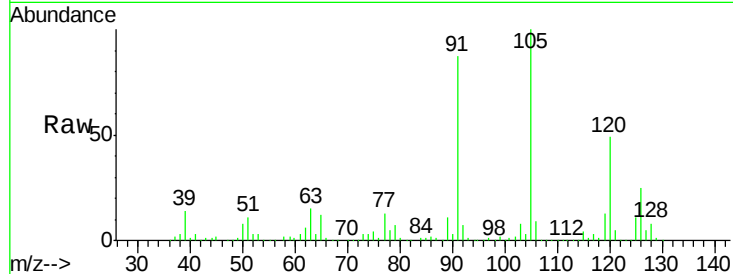




#80
 1,3,5-Trimethylbenzene
 Concen: 49.74 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

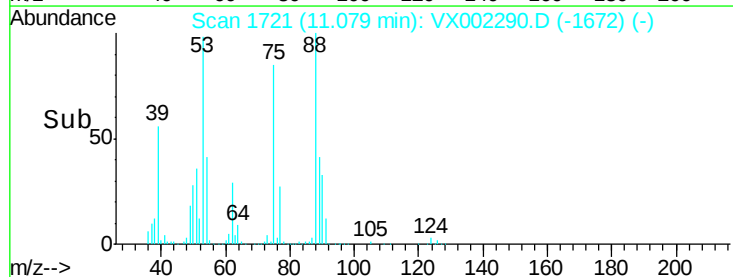
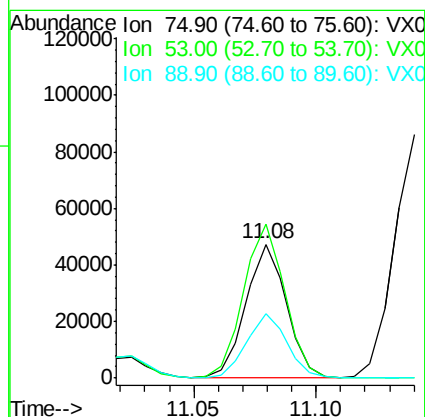
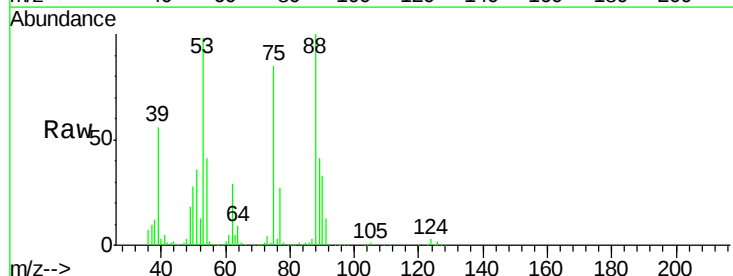
Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

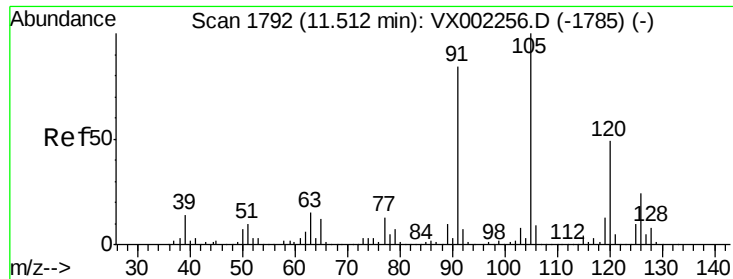
Tot Ion:105 Resp: 679253
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.19 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 75 Resp: 54715
 Ion Ratio Lower Upper
 75 100
 53 118.0 86.8 130.2
 89 48.5 38.2 57.2

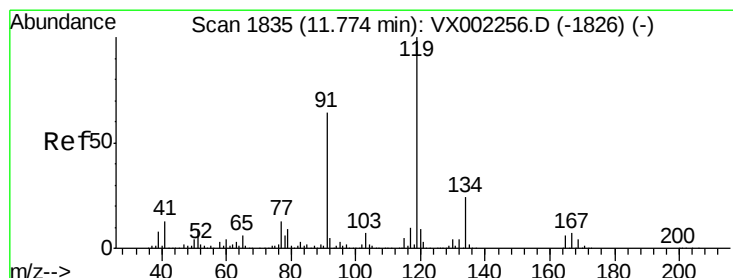
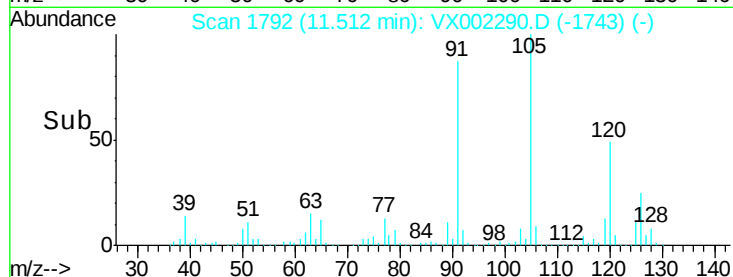
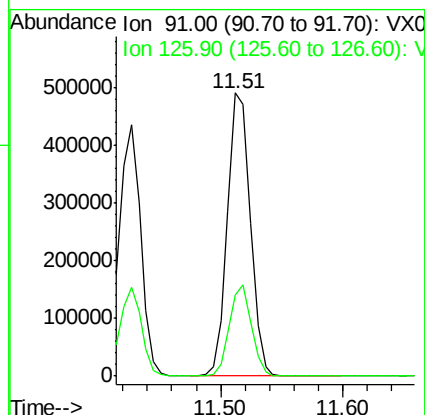
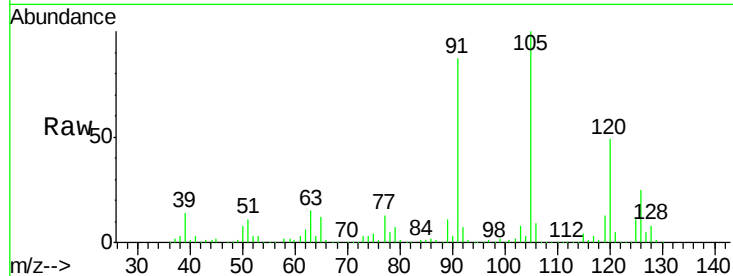




#82
4-Chlorotoluene
Concen: 49.32 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

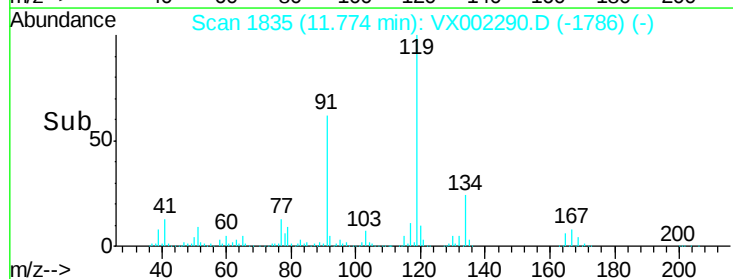
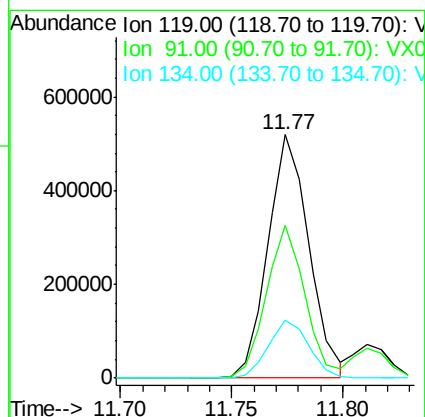
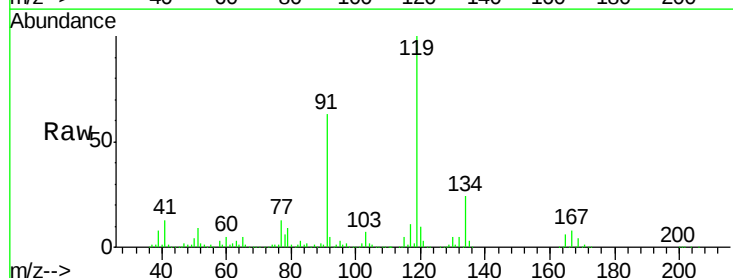
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

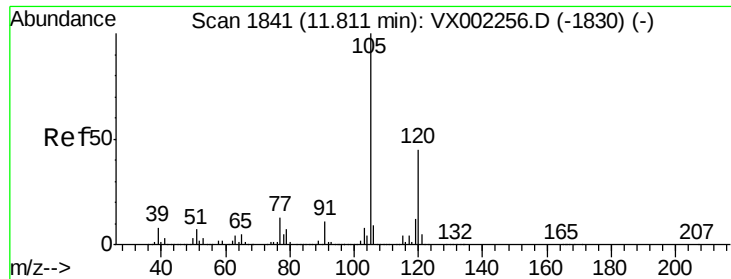
Tot Ion: 91 Resp: 636044
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4



#83
tert-Butylbenzene
Concen: 49.77 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 119 Resp: 661839
Ion Ratio Lower Upper
119 100
91 59.7 30.3 90.9
134 23.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.14 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

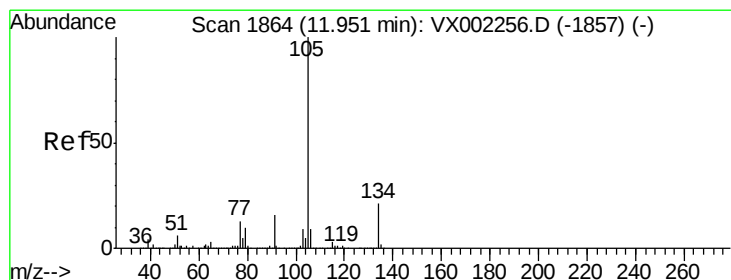
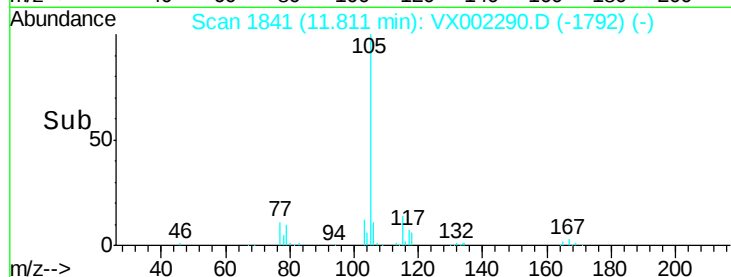
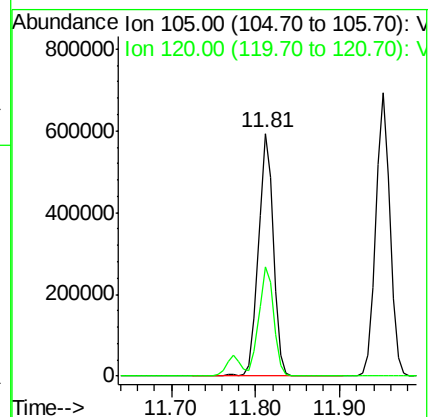
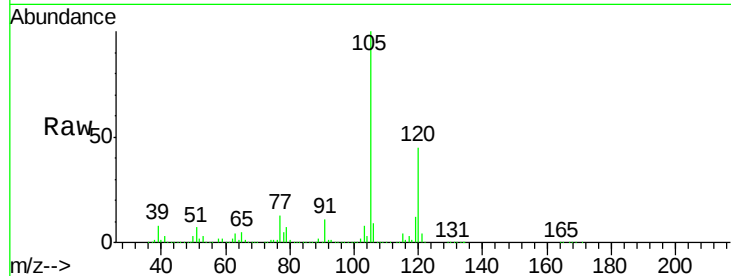
SS004MW010-180529MS

Tot Ion:105 Resp: 704855

Ion Ratio Lower Upper

105 100

120 44.4 22.3 66.8



#85

sec-Butylbenzene

Concen: 52.12 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002290.D

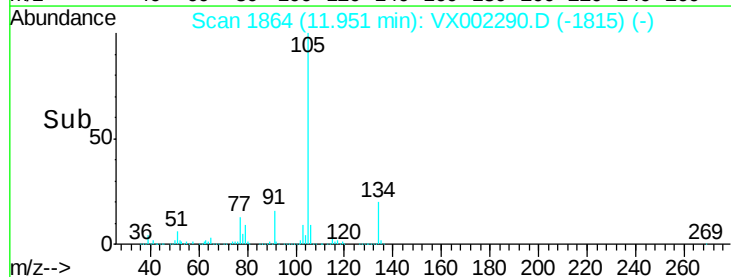
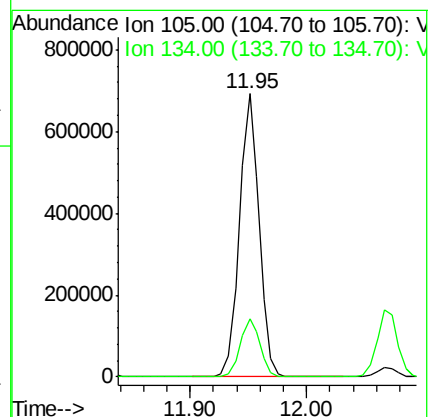
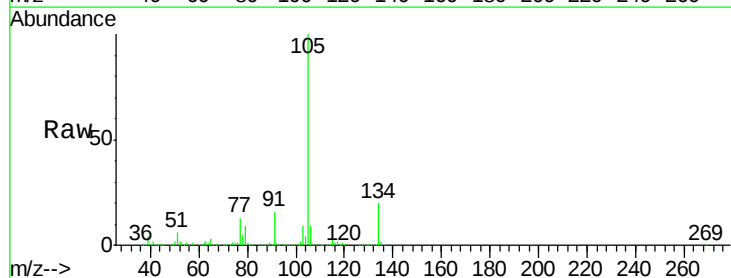
Acq: 05 Jun 2018 05:25

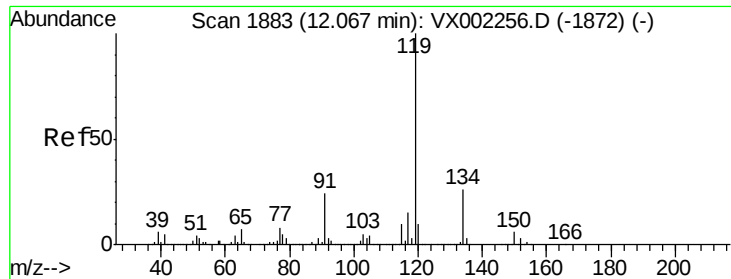
Tgt Ion:105 Resp: 812557

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1

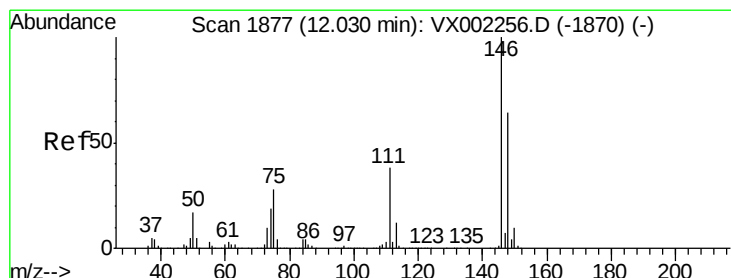
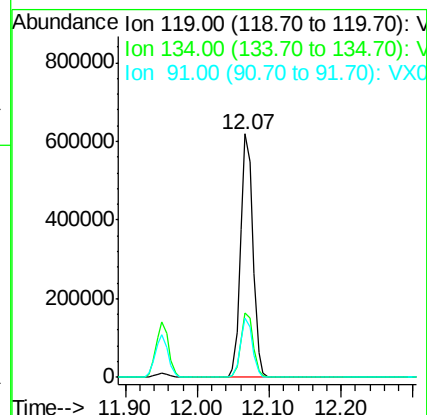
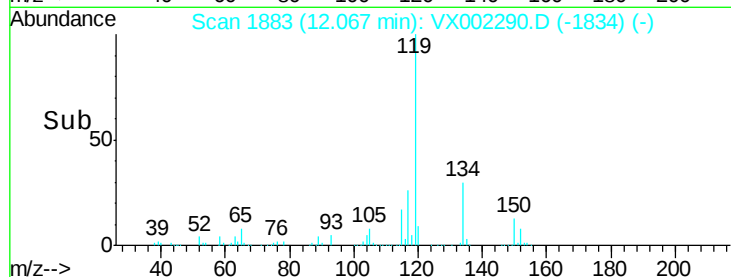
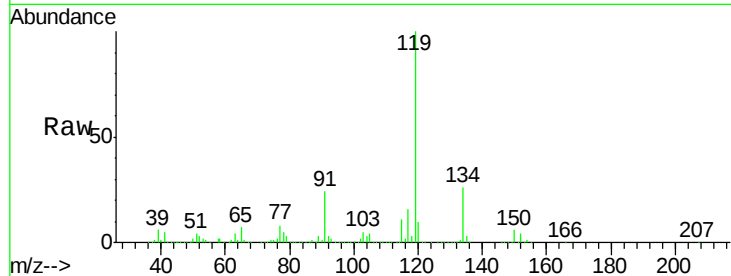




#86
p-Isopropyltoluene
Concen: 52.22 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

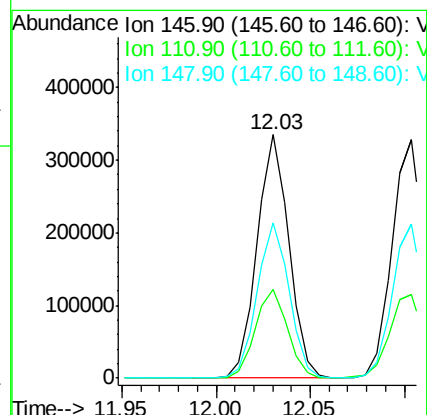
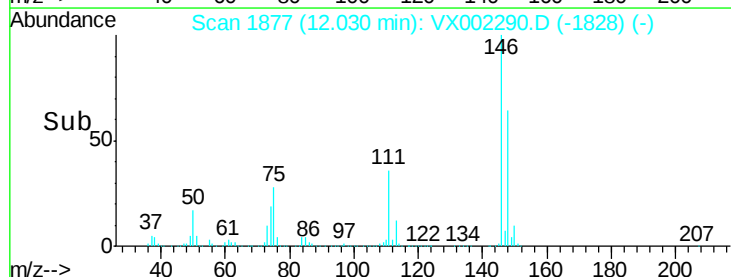
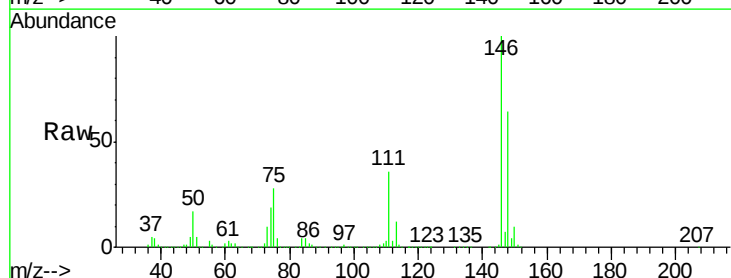
Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

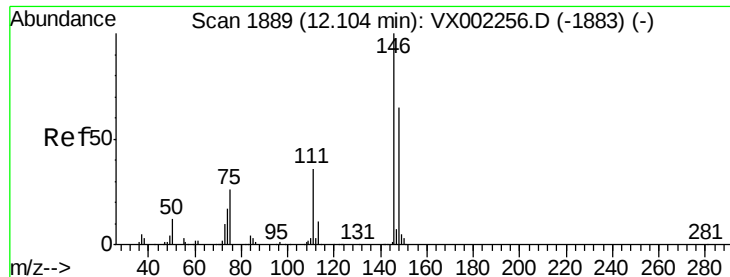
Tot Ion:119 Resp: 741584
Ion Ratio Lower Upper
119 100
134 26.7 13.4 40.1
91 23.8 11.9 35.7



#87
1,3-Dichlorobenzene
Concen: 49.17 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:146 Resp: 392965
Ion Ratio Lower Upper
146 100
111 36.9 18.9 56.7
148 64.2 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 48.52 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

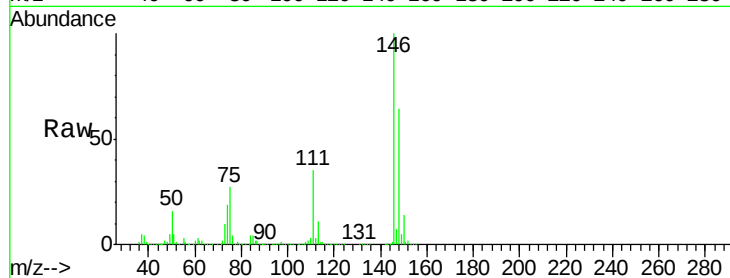
Tot Ion:146 Resp: 399714

Ion Ratio Lower Upper

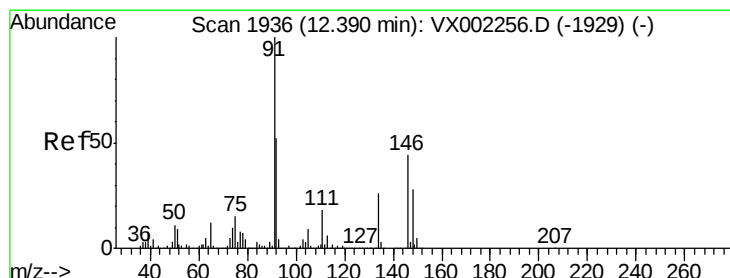
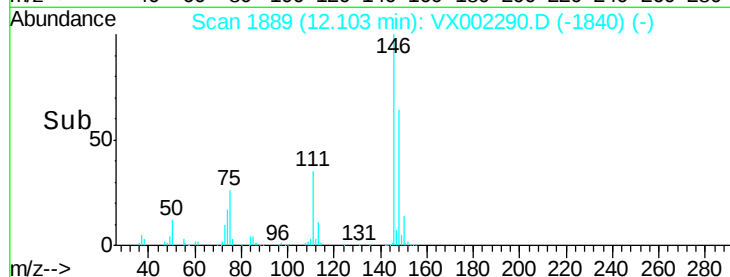
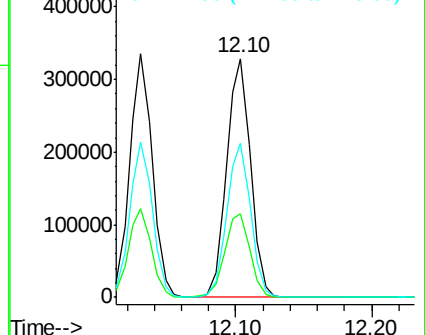
146 100

111 36.7 18.7 56.1

148 64.2 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: 52.99 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

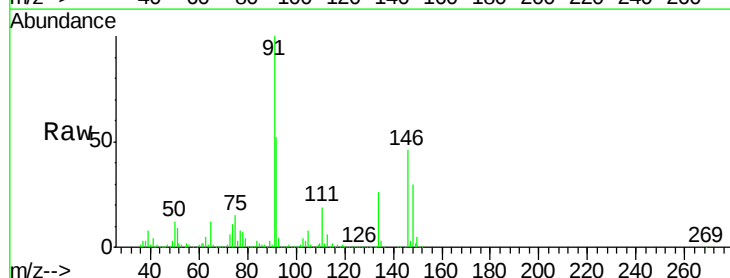
Tgt Ion: 91 Resp: 631032

Ion Ratio Lower Upper

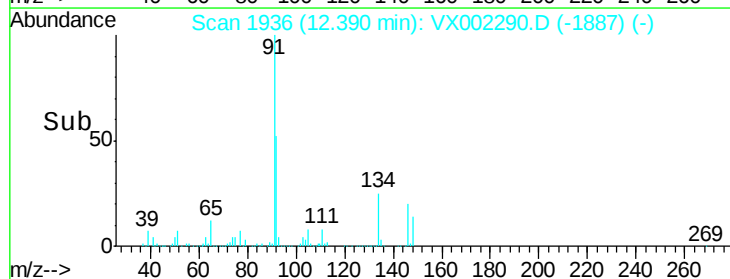
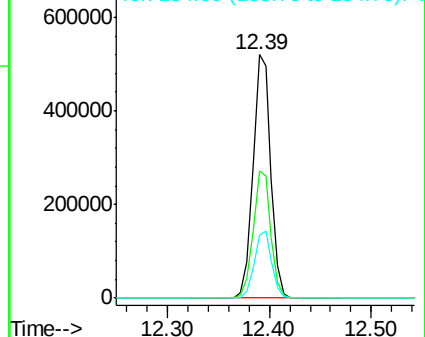
91 100

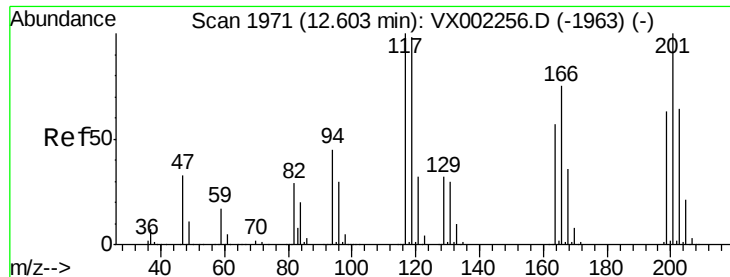
92 51.8 26.0 78.0

134 27.2 13.5 40.5



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





#90

Hexachloroethane

Concen: 47.94 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

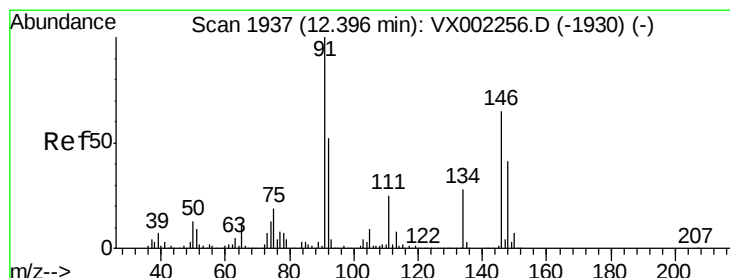
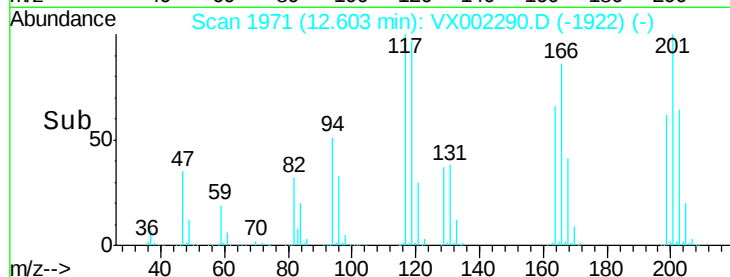
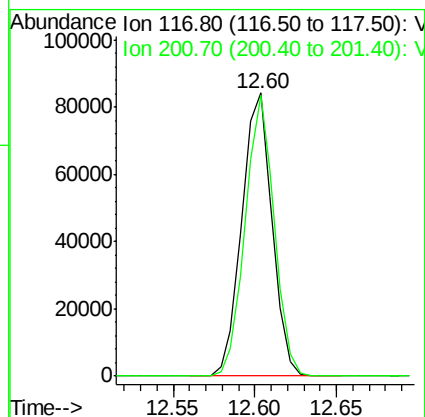
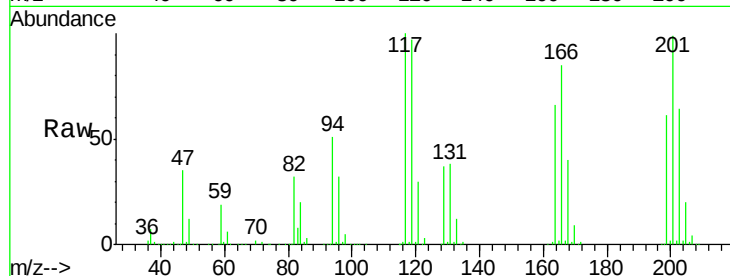
SS004MW010-180529MS

Tot Ion:117 Resp: 108670

Ion Ratio Lower Upper

117 100

201 95.3 49.0 147.0



#91

1,2-Dichlorobenzene

Concen: 48.70 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

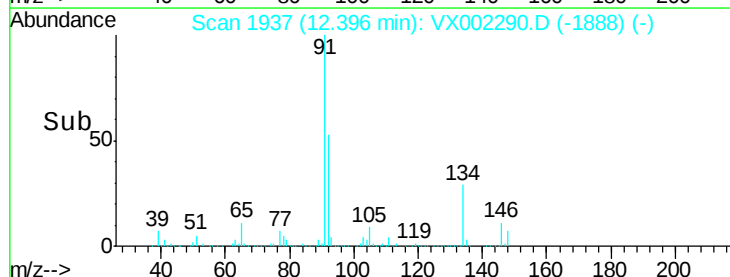
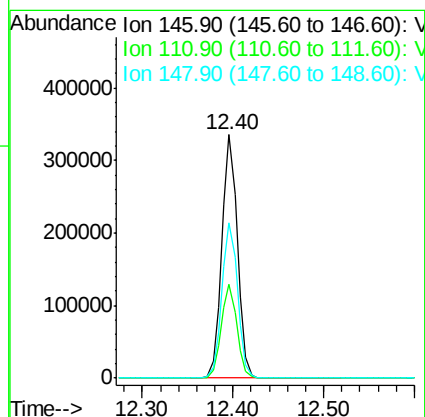
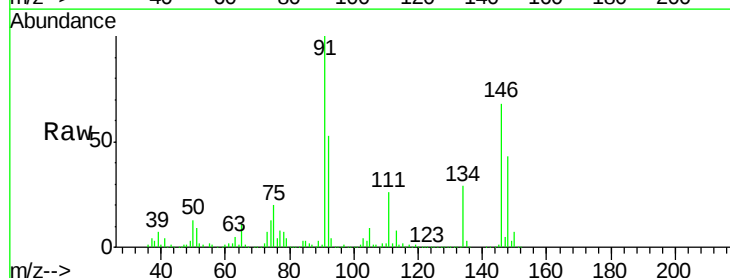
Tgt Ion:146 Resp: 402714

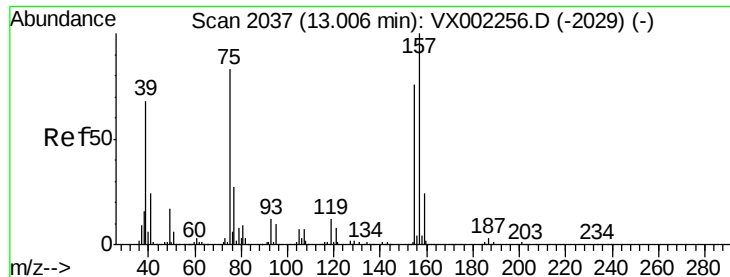
Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

148 64.4 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.82 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

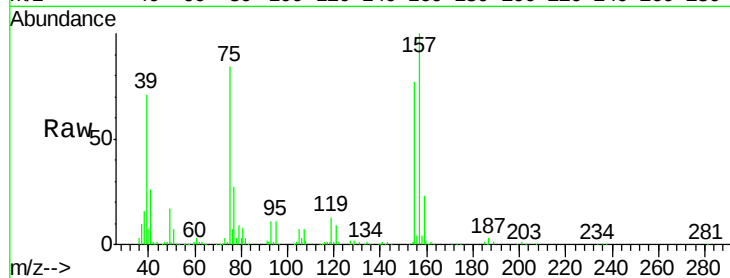
Tot Ion: 75 Resp: 51273

Ion Ratio Lower Upper

75 100

155 92.6 45.8 137.4

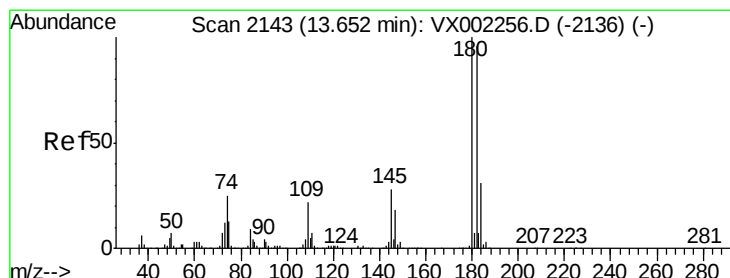
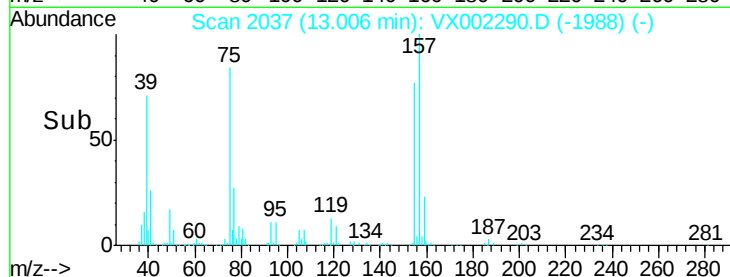
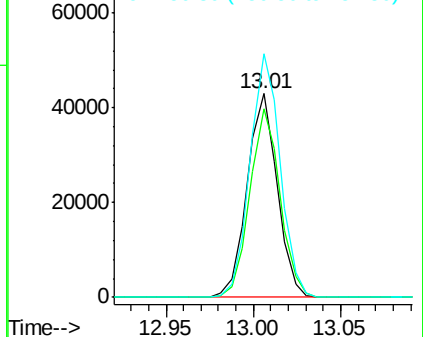
157 119.9 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX002290.D (-1988) (-)

Ion 154.80 (154.50 to 155.50): VX002290.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX002290.D (-1988) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.46 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

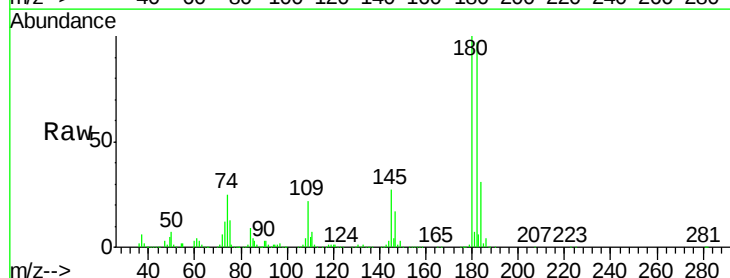
Tgt Ion: 180 Resp: 286772

Ion Ratio Lower Upper

180 100

182 95.7 47.7 143.1

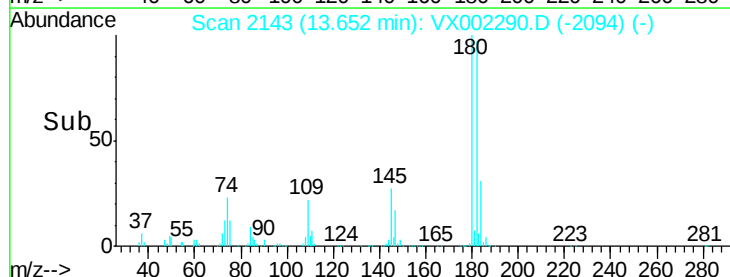
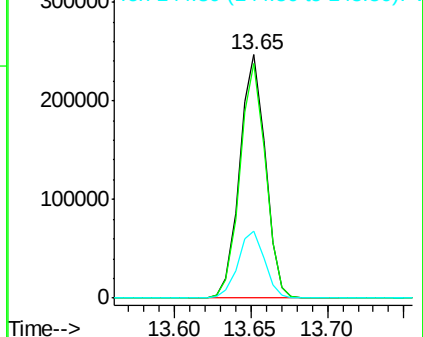
145 28.2 14.1 42.4

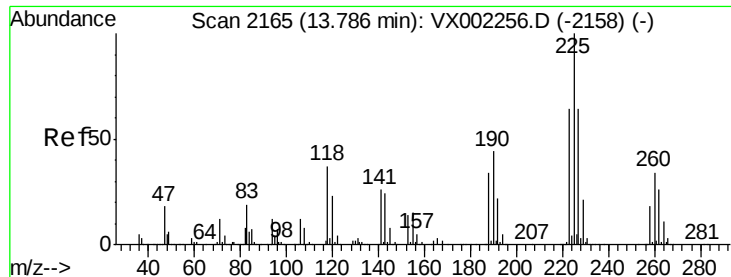


Abundance Ion 179.80 (179.50 to 180.50): VX002290.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX002290.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX002290.D (-2094) (-)





#94

Hexachlorobutadiene

Concen: 51.53 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

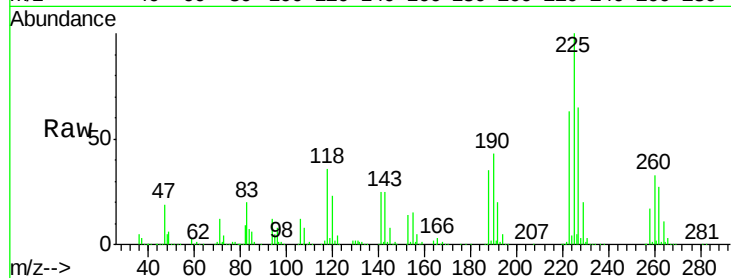
Tot Ion:225 Resp: 147642

Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	95.0
227	64.2	32.4	97.2

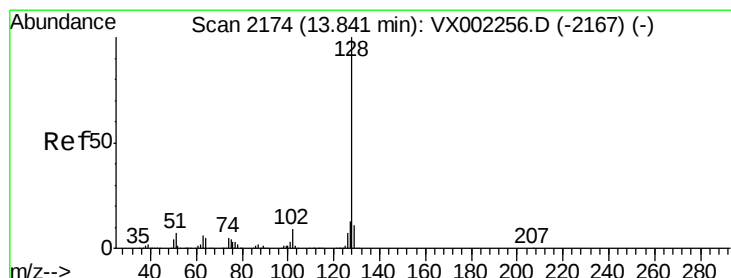
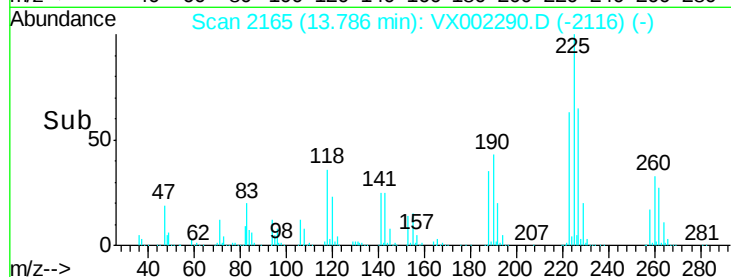
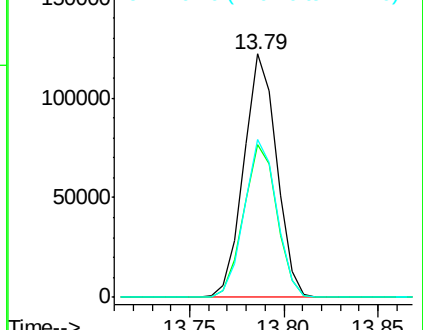
225 100

223 63.5 31.6 95.0

227 64.2 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: 49.65 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

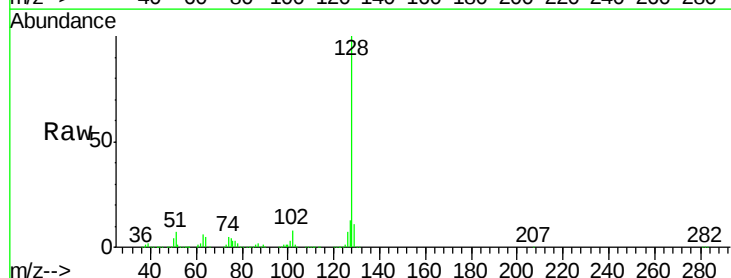
Tgt Ion:128 Resp: 827142

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

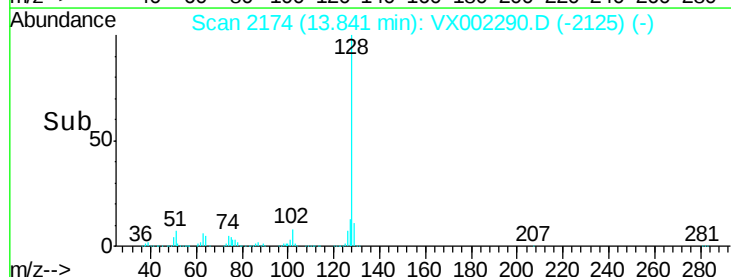
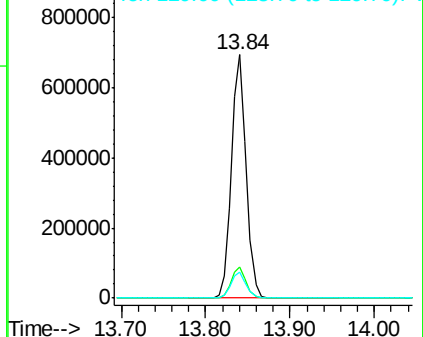
128 100

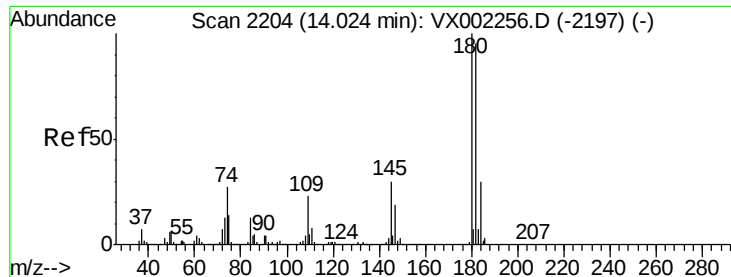
127 13.0 10.4 15.6

129 10.9 8.6 13.0



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





#96

1,2,3-Trichlorobenzene

Concen: 50.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

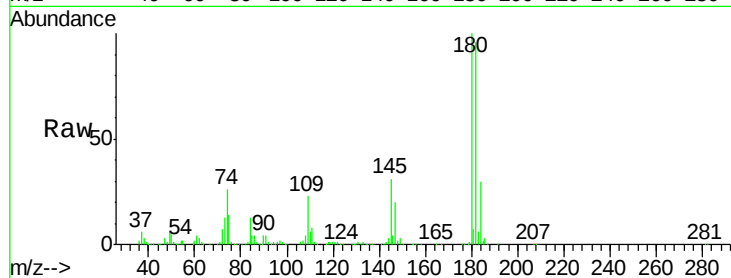
Tot Ion:180 Resp: 295726

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

