

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002293.D
 Acq On : 05 Jun 2018 06:45
 Operator : JC/MD
 Sample : J3269-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

Quant Time: Jun 05 07:26:44 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	270798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180860	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	5.51	113	140881	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
50) Toluene-d8	8.72	98	544339	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
62) 4-Bromofluorobenzene	11.14	95	207479	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142486	50.62	ug/l	98
3) Chloromethane	1.32	50	176274	54.93	ug/l	100
4) Vinyl Chloride	1.41	62	183914	51.84	ug/l	99
5) Bromomethane	1.64	94	112376	56.40	ug/l	99
6) Chloroethane	1.72	64	114714	49.98	ug/l	99
7) Trichlorofluoromethane	1.93	101	290420	53.73	ug/l	98
8) Diethyl Ether	2.19	74	106032	55.46	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	151765	52.03	ug/l	99
10) Methyl Iodide	2.51	142	227228	55.38	ug/l	100
11) Tert butyl alcohol	3.07	59	193870	243.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	148060	51.36	ug/l	97
13) Acrolein	2.30	56	102082	266.12	ug/l	99
14) Allyl chloride	2.73	41	290315	46.40	ug/l	99
15) Acrylonitrile	3.15	53	445877	271.37	ug/l	100
16) Acetone	2.45	43	412241	247.32	ug/l	98
17) Carbon Disulfide	2.57	76	367314	48.34	ug/l	99
18) Methyl Acetate	2.78	43	192239	49.53	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	553750	55.42	ug/l	99
20) Methylene Chloride	2.86	84	167593	55.01	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	159239	50.09	ug/l	99
22) Diisopropyl ether	3.88	45	534580	51.18	ug/l	99
23) Vinyl Acetate	3.83	43	2031561	200.31	ug/l	100
24) 1,1-Dichloroethane	3.70	63	304053	49.17	ug/l	100
25) 2-Butanone	4.71	43	588831	221.77	ug/l	100
26) 2,2-Dichloropropane	4.59	77	157333	32.55	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	164607	47.61	ug/l	92
28) Bromochloromethane	5.03	49	142559	54.53	ug/l	99
29) Tetrahydrofuran	5.17	42	389561	227.56	ug/l	99
30) Chloroform	5.22	83	290783	48.73	ug/l	97
31) Cyclohexane	5.58	56	248400	50.80	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	254432	50.28	ug/l	100
36) 1,1-Dichloropropene	5.81	75	208405	49.38	ug/l	99
37) Ethyl Acetate	4.87	43	215986	42.55	ug/l	100
38) Carbon Tetrachloride	5.79	117	223932	50.72	ug/l	98

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Quant Time: Jun 05 07:26:44 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)

39) Methylcyclohexane	7.46	83	237769	45.62	ug/l	98
40) Benzene	6.15	78	628853	48.59	ug/l	100
41) Methacrylonitrile	5.07	41	136354	46.93	ug/l	99
42) 1,2-Dichloroethane	6.20	62	246638	47.97	ug/l	100
43) Isopropyl Acetate	6.47	43	380237	44.11	ug/l	100
44) Trichloroethene	7.22	130	182477	50.81	ug/l	99
45) 1,2-Dichloropropane	7.52	63	168707	48.29	ug/l	97
46) Dibromomethane	7.67	93	112235	47.39	ug/l	99
47) Bromodichloromethane	7.90	83	209437	48.90	ug/l	98
48) Methyl methacrylate	7.78	41	204912	47.32	ug/l	99
49) 1,4-Dioxane	7.76	88	73903	912.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1292011	240.66	ug/l	100
52) Toluene	8.79	92	410159	49.83	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	237664	46.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	224607	46.35	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	166691	49.24	ug/l	98
56) Ethyl methacrylate	9.18	69	258969	47.92	ug/l	99
57) 1,3-Dichloropropane	9.38	76	275429	48.50	ug/l	100
59) 2-Hexanone	9.50	43	990352	238.82	ug/l	100
60) Dibromochloromethane	9.59	129	170479	50.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	173861	49.26	ug/l	99
64) Tetrachloroethene	9.34	164	191906	48.85	ug/l	97
65) Chlorobenzene	10.14	112	472135	49.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170063	49.55	ug/l	99
67) Ethyl Benzene	10.26	91	816998	51.51	ug/l	98
68) m/p-Xylenes	10.37	106	632480	102.58	ug/l	100
69) o-Xylene	10.70	106	310248	50.56	ug/l	99
70) Styrene	10.72	104	499068	49.75	ug/l	100
71) Bromoform	10.86	173	132870	43.70	ug/l	99
73) Isopropylbenzene	11.02	105	839719	49.43	ug/l	100
74) N-amyl acetate	6.47	43	380237	41.54	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	245033	45.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	282300	52.68	ug/l	80
77) Bromobenzene	11.26	156	229007	48.01	ug/l	99
78) n-propylbenzene	11.37	91	950670	50.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	572861	48.04	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	713506	48.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62117	40.63	ug/l	97
82) 4-Chlorotoluene	11.52	91	674689	49.02	ug/l	100
83) tert-Butylbenzene	11.77	119	713262	50.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	742114	49.47	ug/l	100
85) sec-Butylbenzene	11.95	105	856432	51.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	769235	50.76	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	412833	48.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	417953	47.55	ug/l	99
89) n-Butylbenzene	12.39	91	645260	50.77	ug/l	100
90) Hexachloroethane	12.60	117	118726	49.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	422555	47.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56726	48.55	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	297267	48.05	ug/l	100

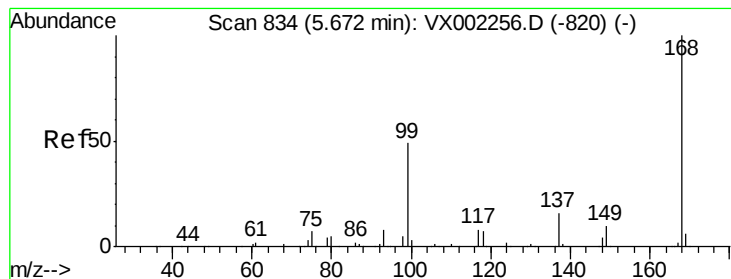
Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
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Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	155033	50.71	ug/l	98
95) Naphthalene	13.84	128	873283	49.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	311403	49.35	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: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

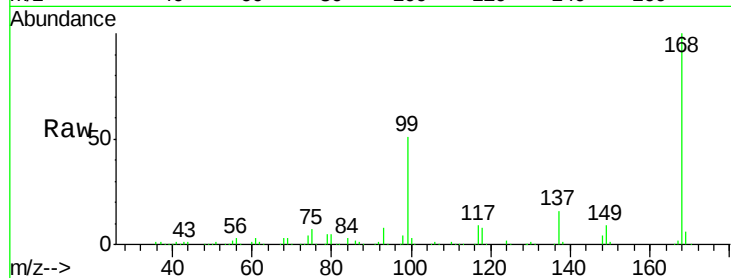
SS052MW750-180531MSD

Tot Ion:168 Resp: 270798

Ion Ratio Lower Upper

168 100

99 50.4 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

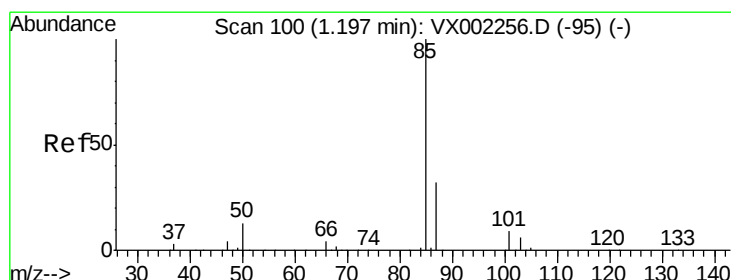
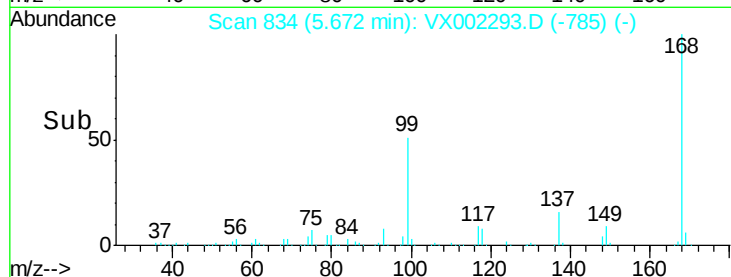
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002293.D

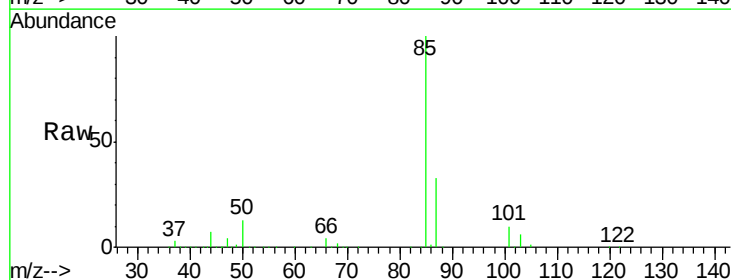
Acq: 05 Jun 2018 06:45

Tgt Ion: 85 Resp: 142486

Ion Ratio Lower Upper

85 100

87 33.2 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

150000

100000

50000

0

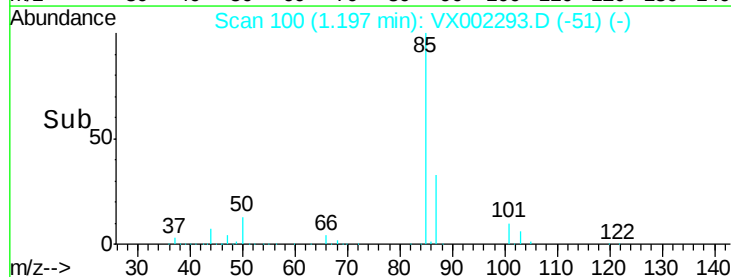
Time-->

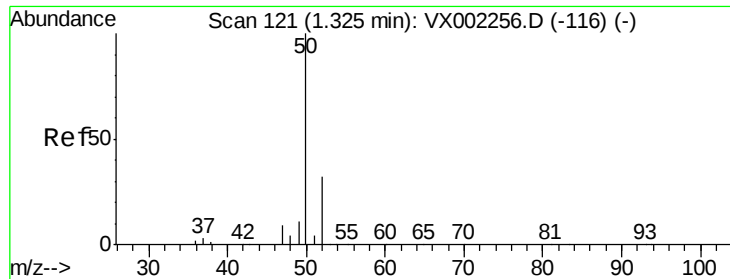
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 54.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

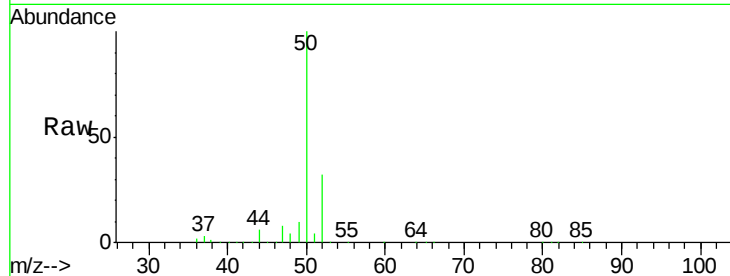
SS052MW750-180531MSD

Tot Ion: 50 Resp: 176274

Ion Ratio Lower Upper

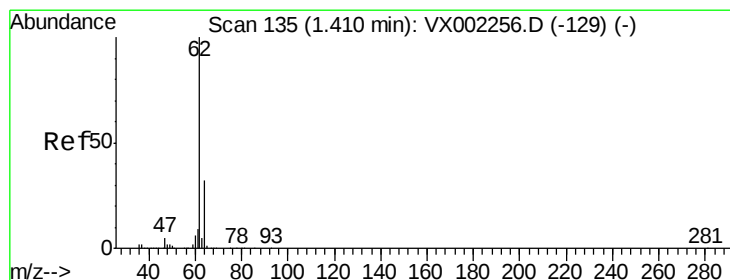
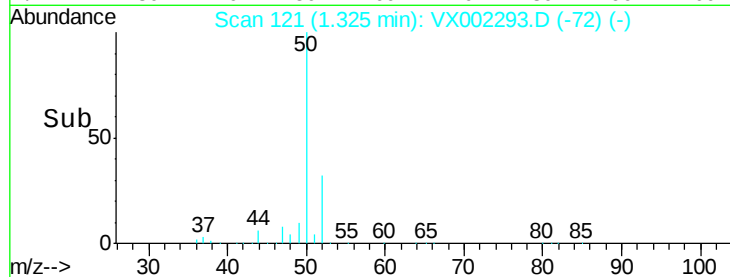
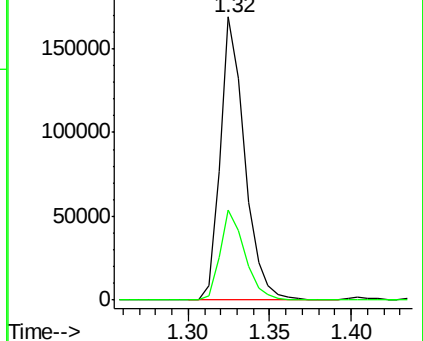
50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.84 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002293.D

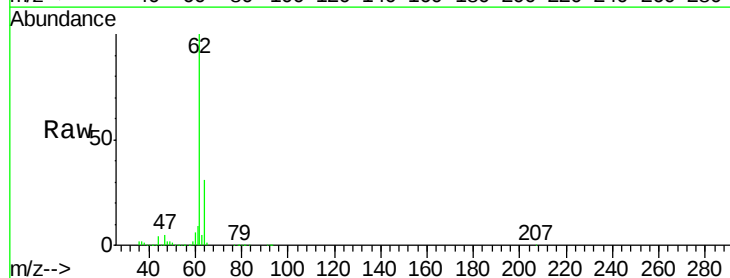
Acq: 05 Jun 2018 06:45

Tgt Ion: 62 Resp: 183914

Ion Ratio Lower Upper

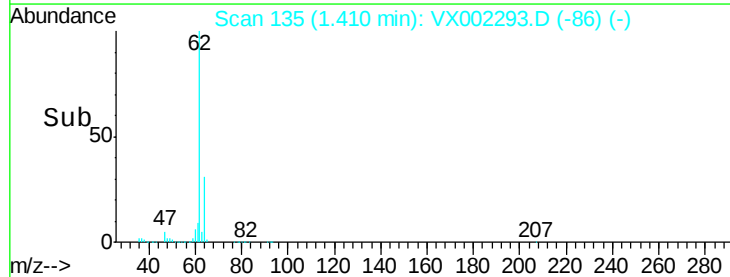
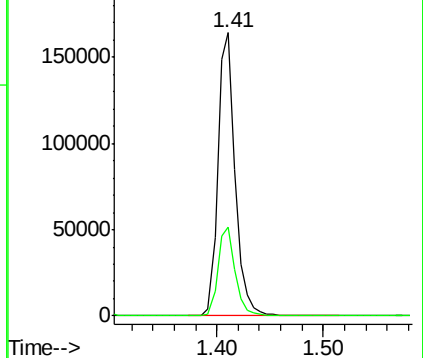
62 100

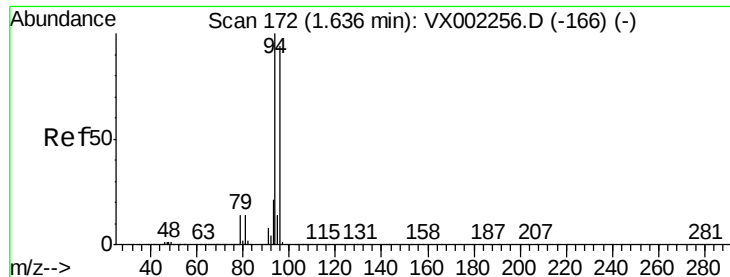
64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.40 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

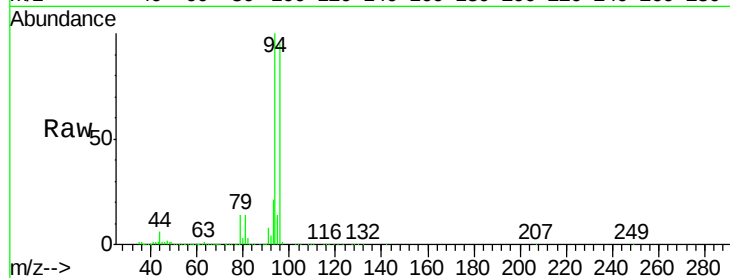
SS052MW750-180531MSD

Tot Ion: 94 Resp: 112376

Ion Ratio Lower Upper

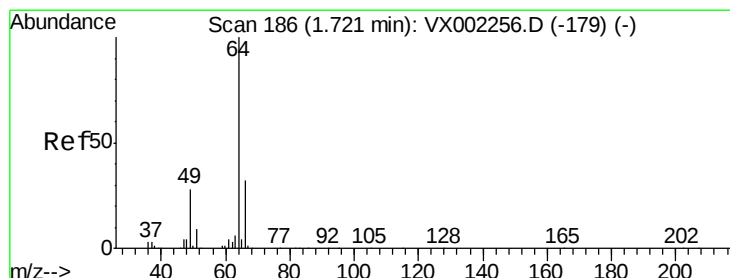
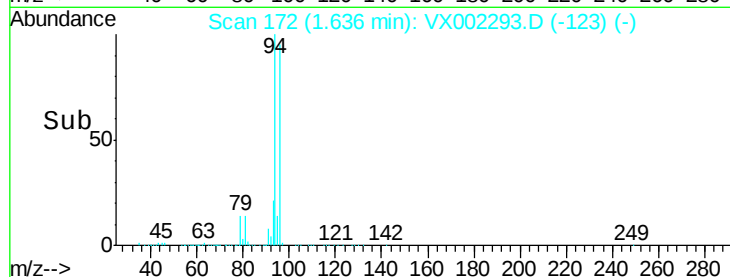
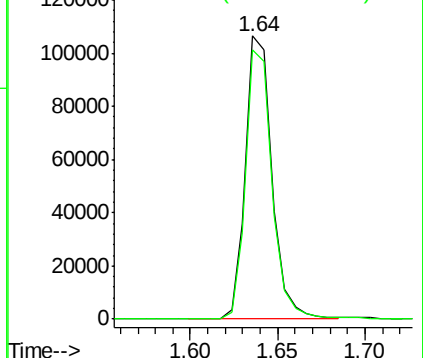
94 100

96 95.0 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: 49.98 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002293.D

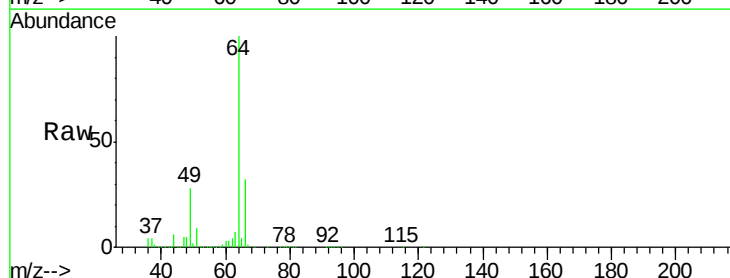
Acq: 05 Jun 2018 06:45

Tgt Ion: 64 Resp: 114714

Ion Ratio Lower Upper

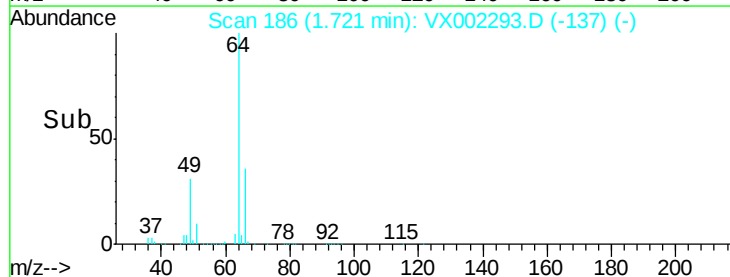
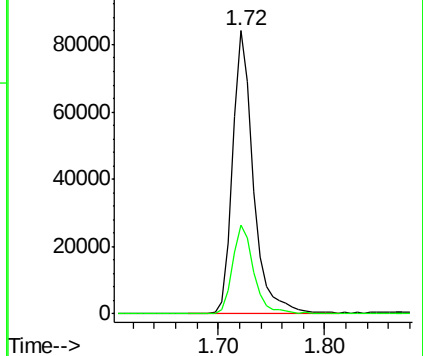
64 100

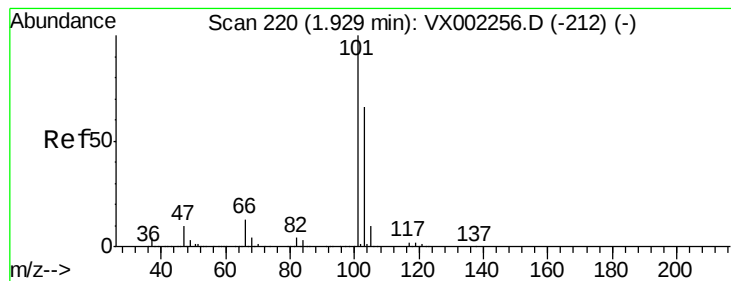
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



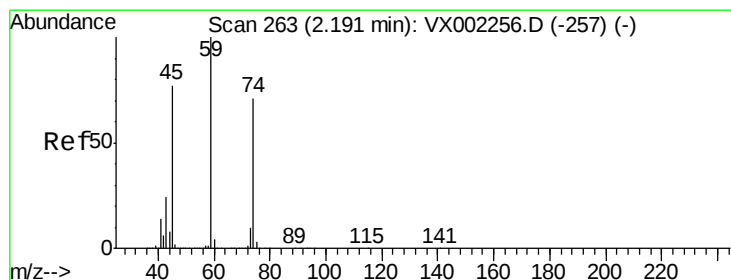
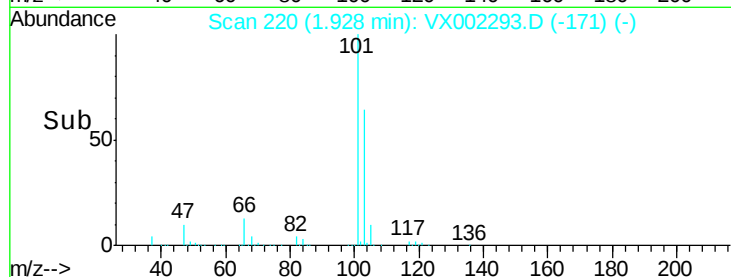
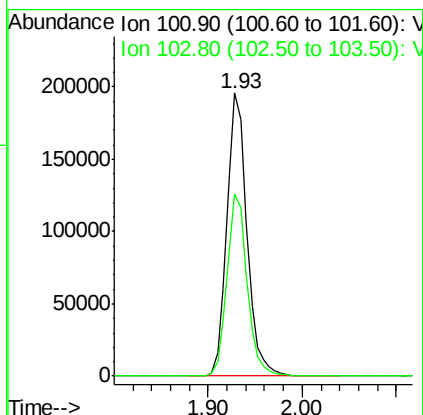
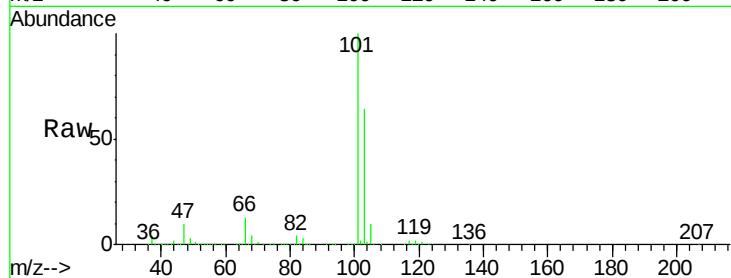


#7

Trichlorofluoromethane
 Concen: 53.73 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Instrument :
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 SS052MW750-180531MSD

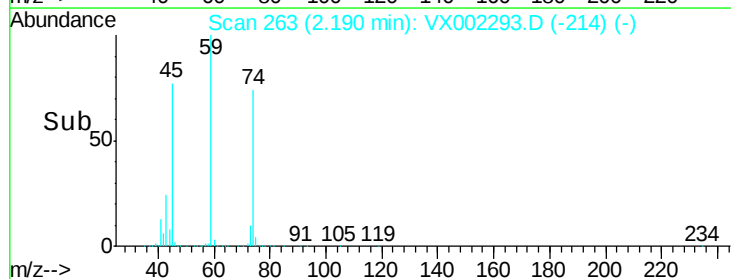
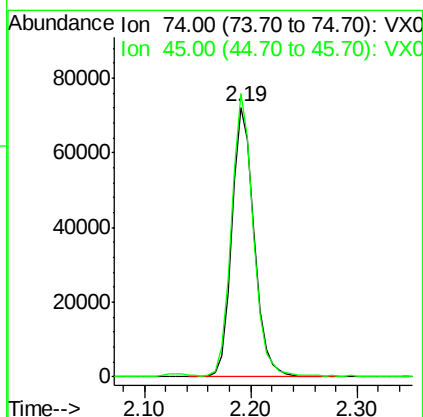
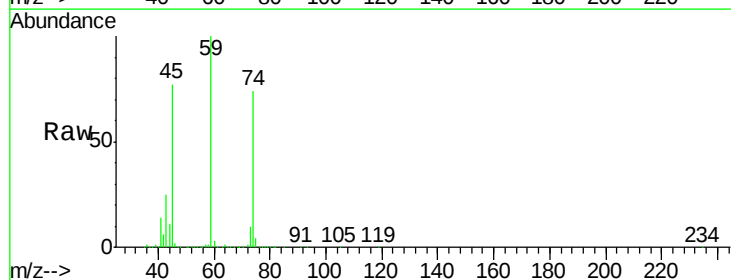
Tot Ion:101 Resp: 290420
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2



#8

Diethyl Ether
 Concen: 55.46 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 74 Resp: 106032
 Ion Ratio Lower Upper
 74 100
 45 102.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.03 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

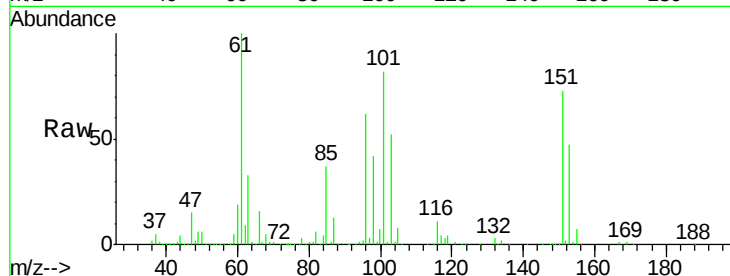
Tot Ion:101 Resp: 151765

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

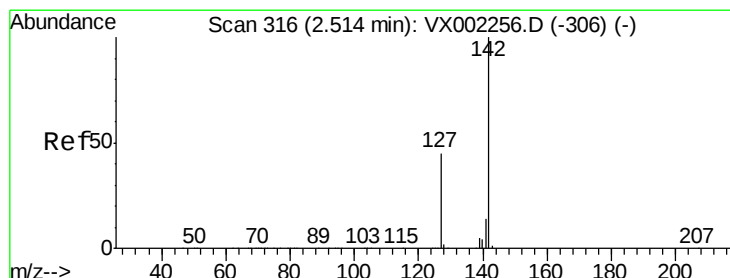
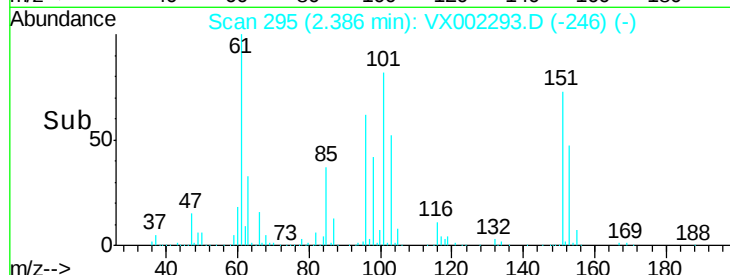
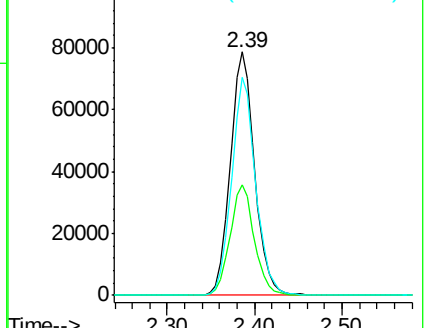
151 88.9 70.9 106.3



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: 55.38 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

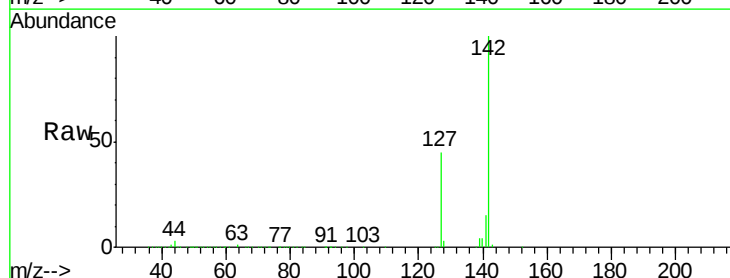
Tgt Ion:142 Resp: 227228

Ion Ratio Lower Upper

142 100

127 45.8 36.6 55.0

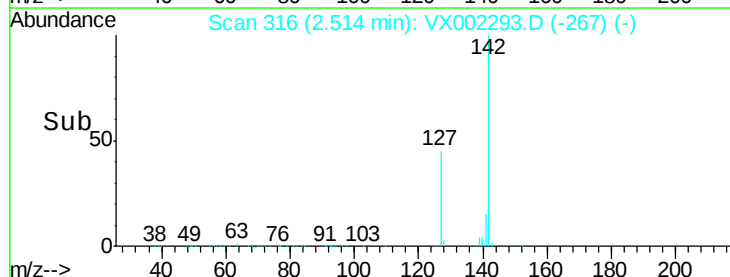
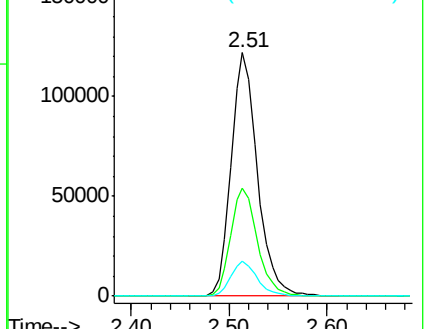
141 14.5 11.3 16.9

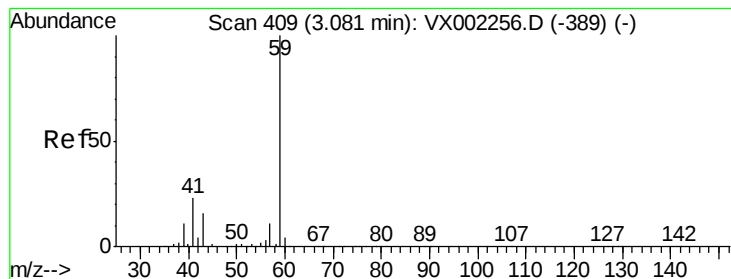


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 243.79 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

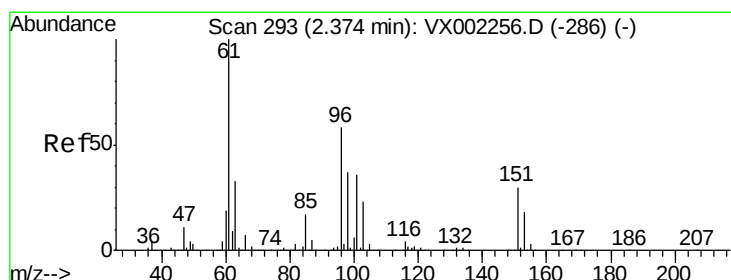
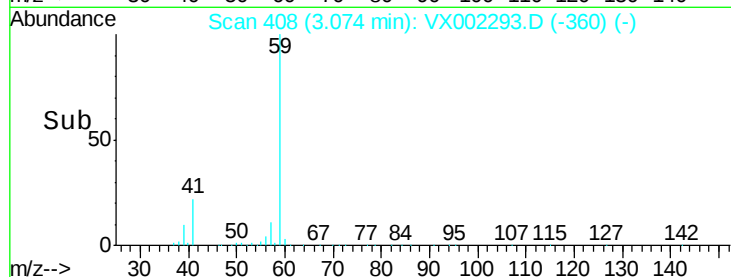
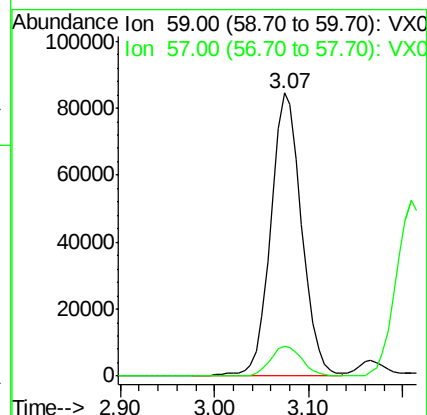
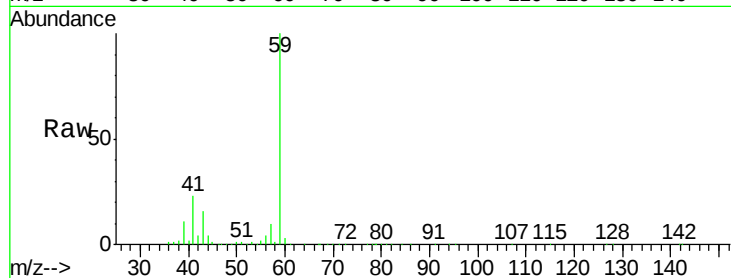
SS052MW750-180531MSD

Tot Ion: 59 Resp: 193870

Ion Ratio Lower Upper

59 100

57 10.7 8.2 12.2



#12

1,1-Dichloroethene

Concen: 51.36 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

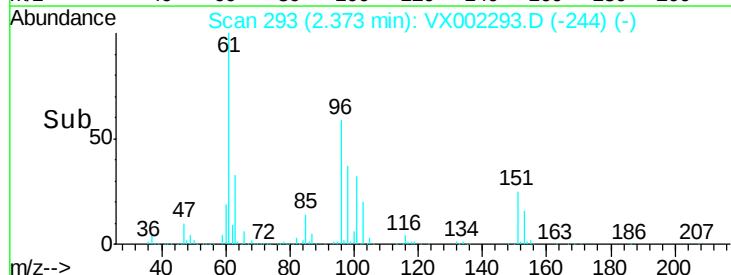
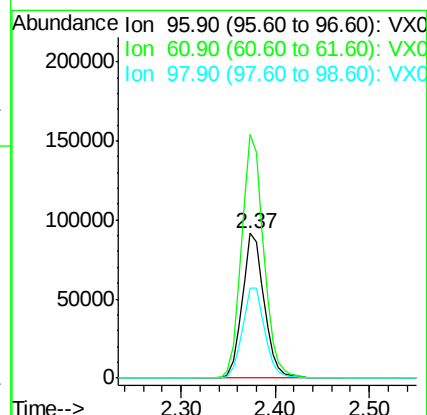
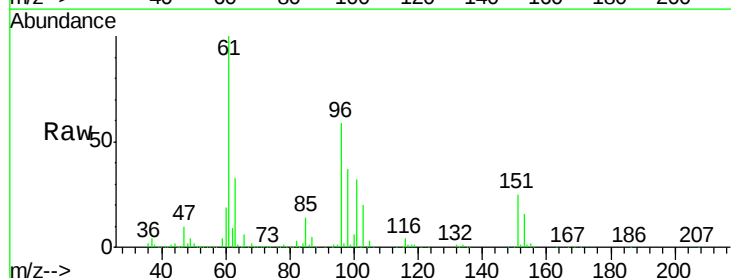
Tgt Ion: 96 Resp: 148060

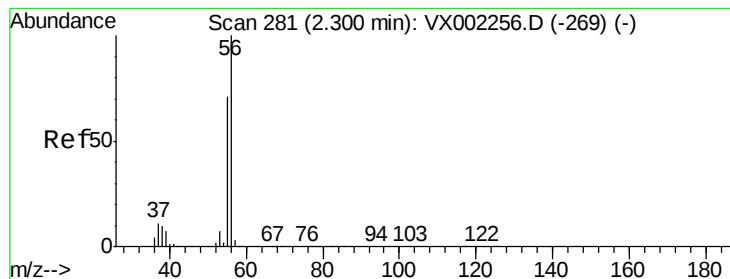
Ion Ratio Lower Upper

96 100

61 168.5 137.9 206.9

98 62.4 51.6 77.4





#13

Acrolein

Concen: 266.12 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

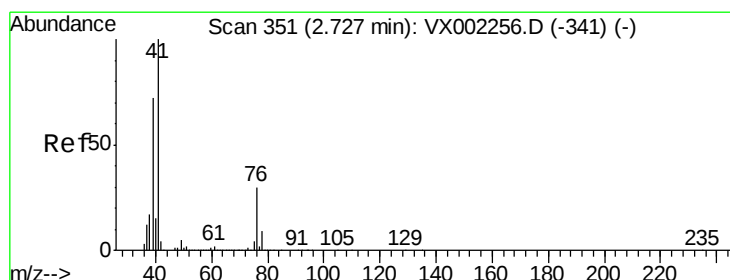
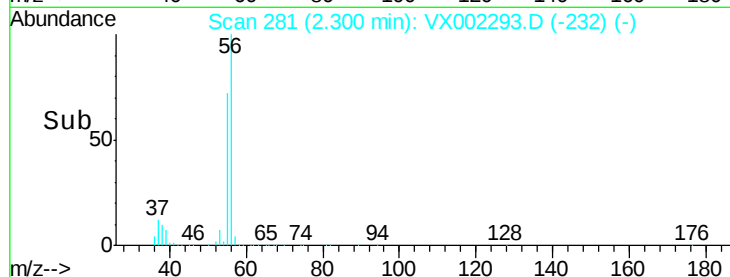
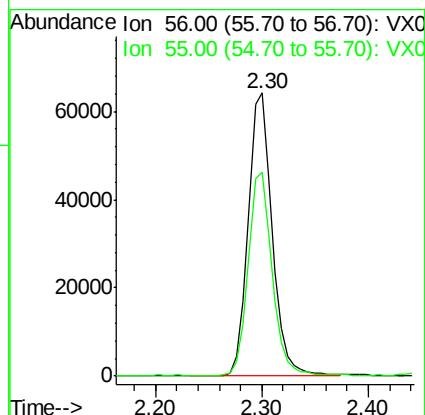
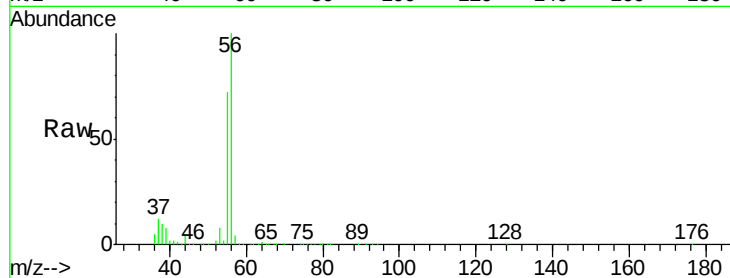
SS052MW750-180531MSD

Tot Ion: 56 Resp: 102082

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 46.40 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

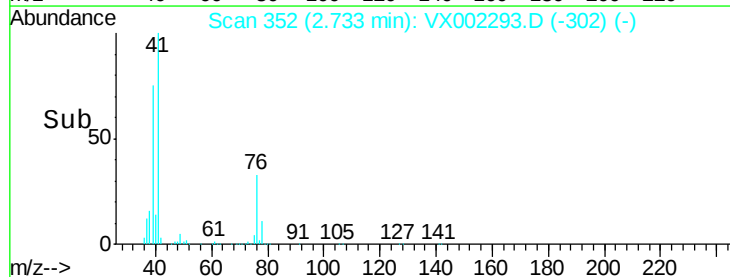
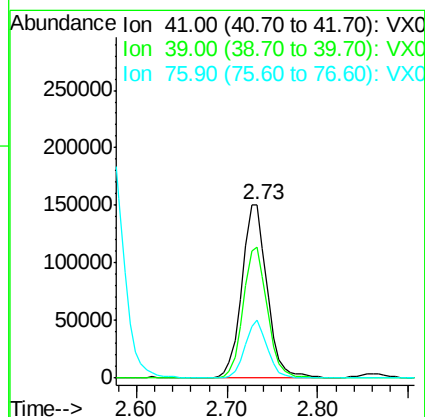
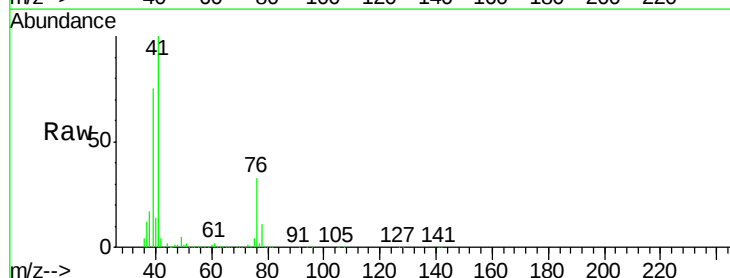
Tgt Ion: 41 Resp: 290315

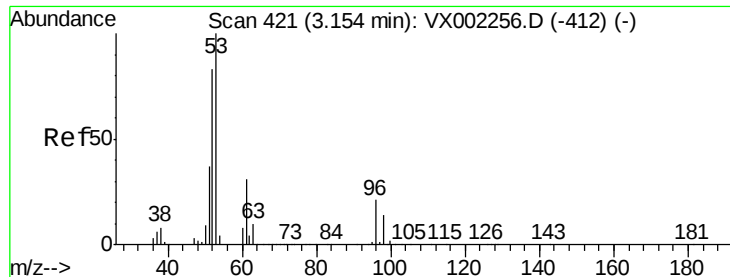
Ion Ratio Lower Upper

41 100

39 71.7 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 271.37 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

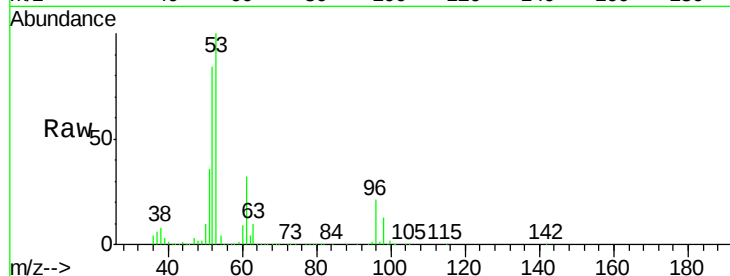
Tot Ion: 53 Resp: 445877

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

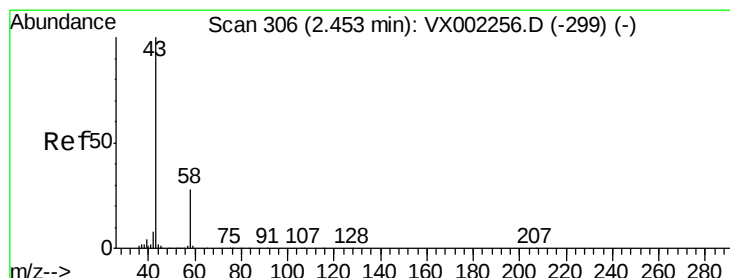
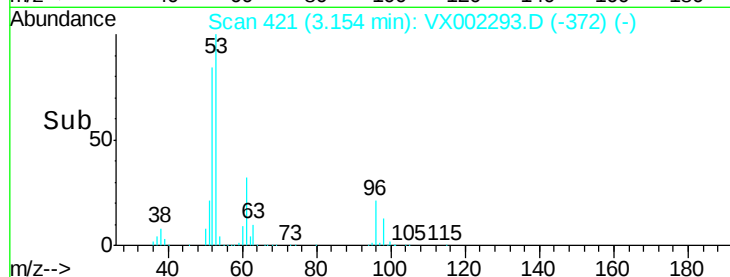
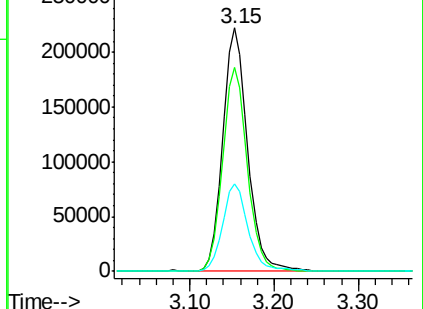
51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 247.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002293.D

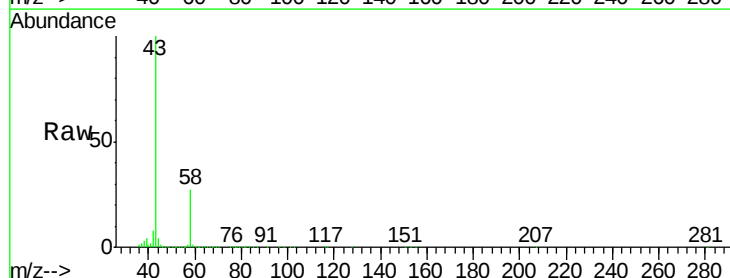
Acq: 05 Jun 2018 06:45

Tgt Ion: 43 Resp: 412241

Ion Ratio Lower Upper

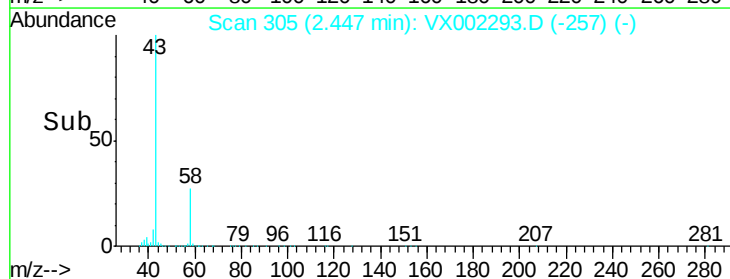
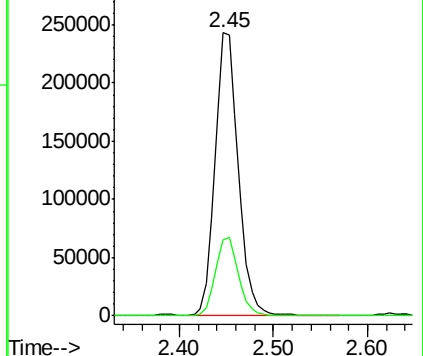
43 100

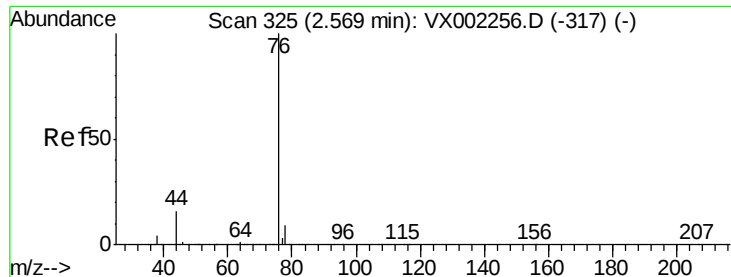
58 26.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.34 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

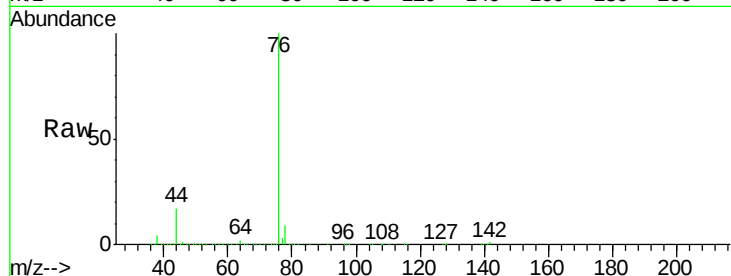
SS052MW750-180531MSD

Tot Ion: 76 Resp: 367314

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

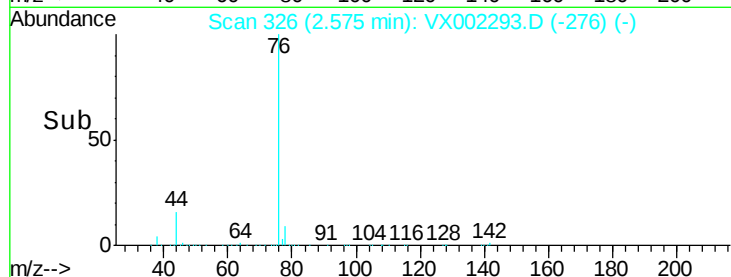
150000

100000

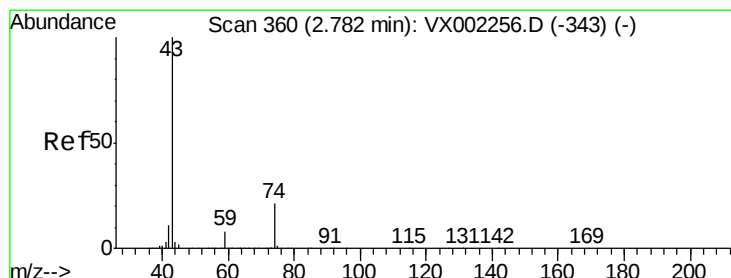
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 49.53 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002293.D

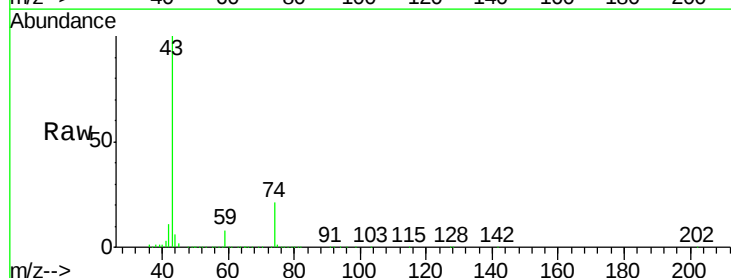
Acq: 05 Jun 2018 06:45

Tgt Ion: 43 Resp: 192239

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

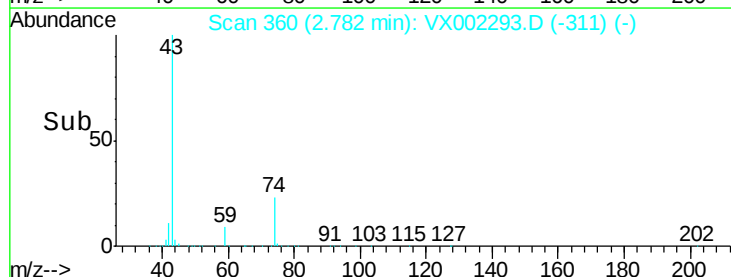
60000

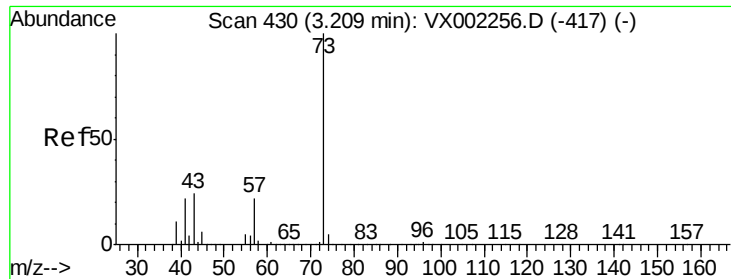
40000

20000

0

Time-->

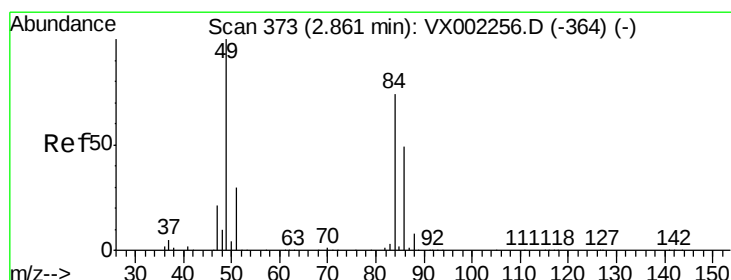
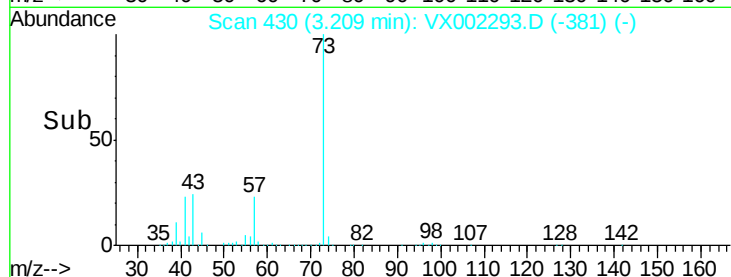
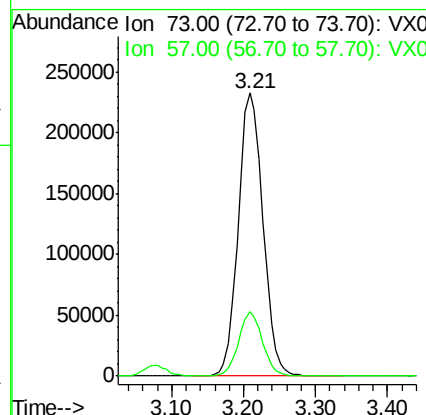
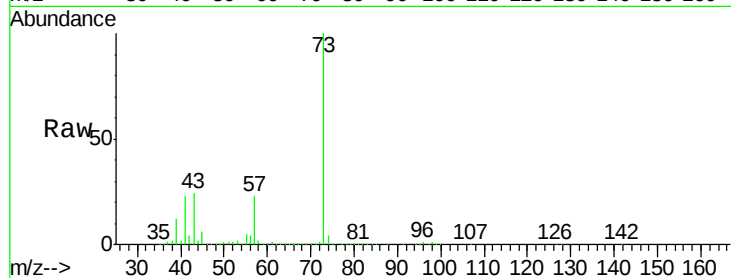




#19
Methvl tert-butvl Ether
Concen: 55.42 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

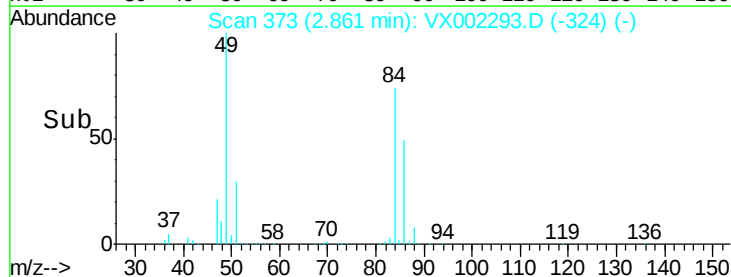
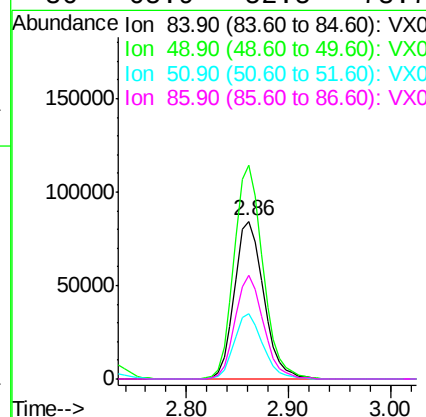
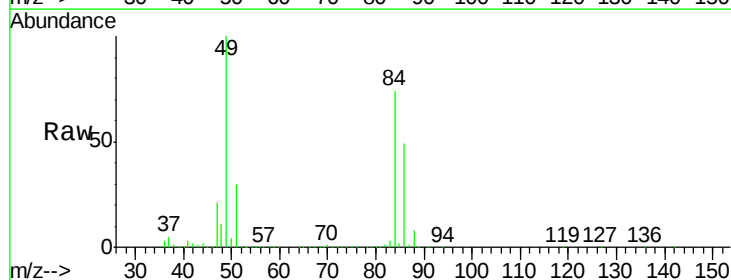
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

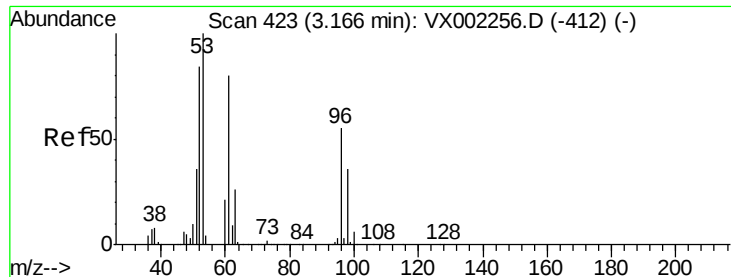
Tot Ion: 73 Resp: 553750
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 55.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion: 84 Resp: 167593
Ion Ratio Lower Upper
84 100
49 135.0 107.8 161.6
51 41.0 32.8 49.2
86 65.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.09 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

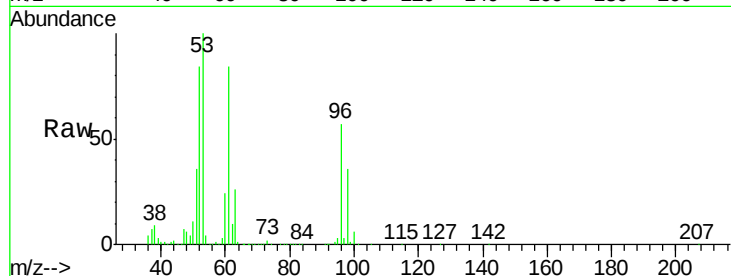
Tot Ion: 96 Resp: 159239

Ion Ratio Lower Upper

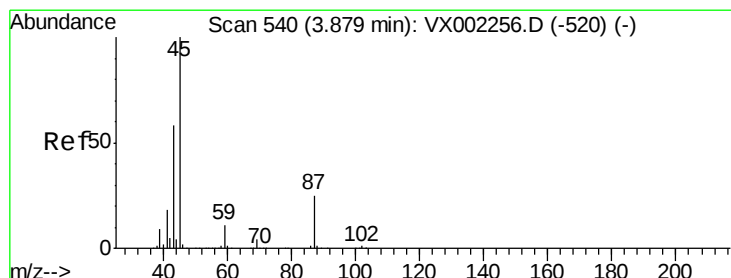
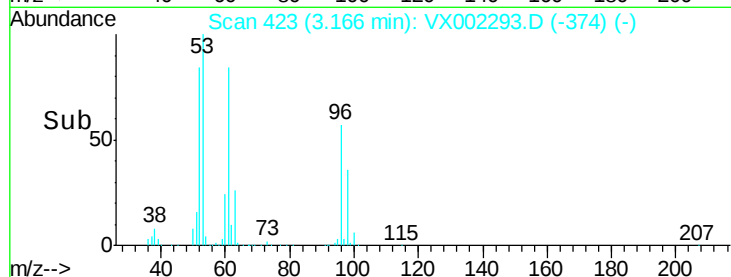
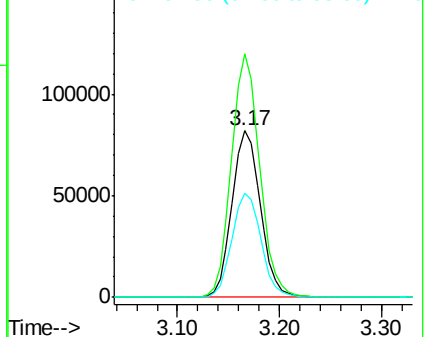
96 100

61 146.1 117.0 175.4

98 62.2 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: 51.18 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Tgt Ion: 45 Resp: 534580

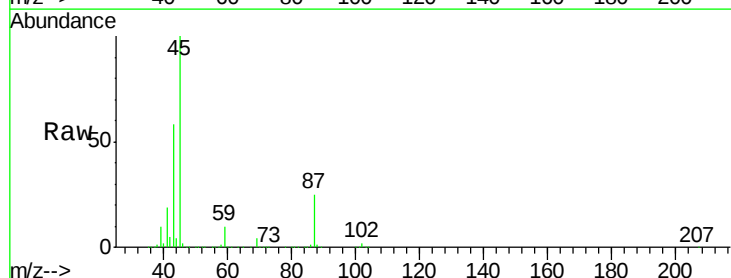
Ion Ratio Lower Upper

45 100

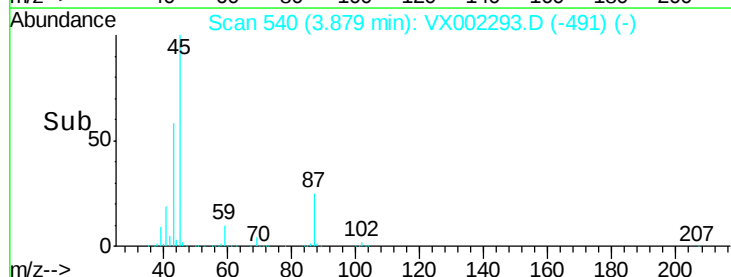
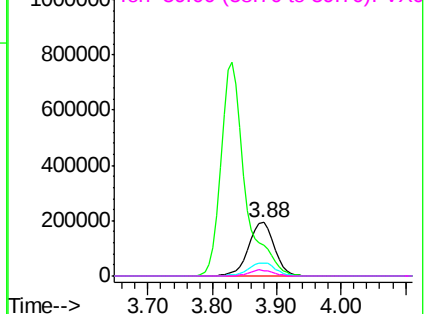
43 58.2 46.8 70.2

87 24.9 20.2 30.4

59 10.4 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: 200.31 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

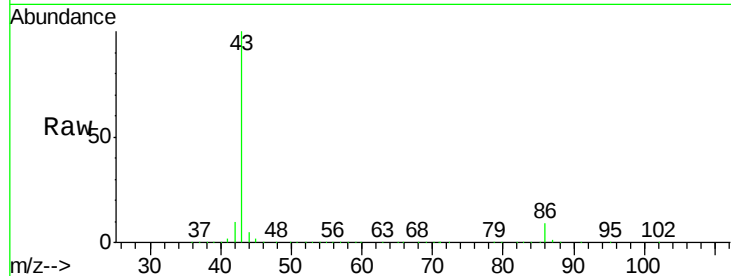
SS052MW750-180531MSD

Tot Ion: 43 Resp: 2031561

Ion Ratio Lower Upper

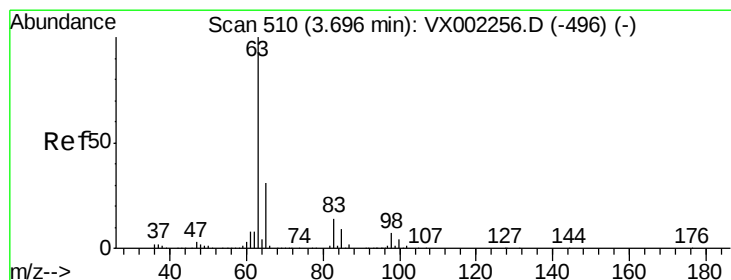
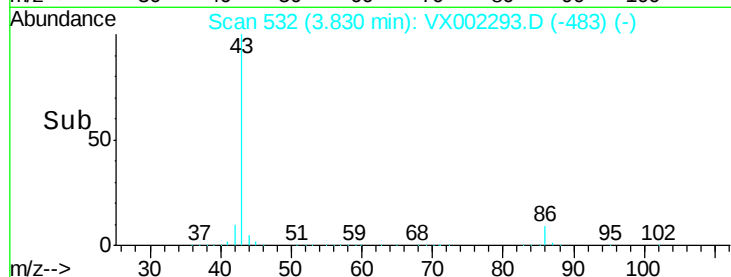
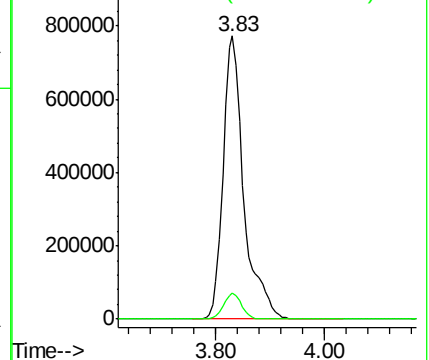
43 100

86 9.2 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: 49.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

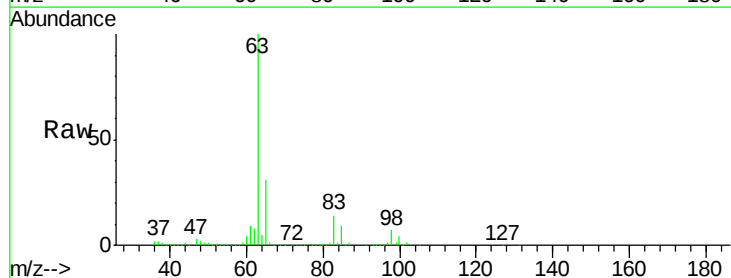
Tgt Ion: 63 Resp: 304053

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

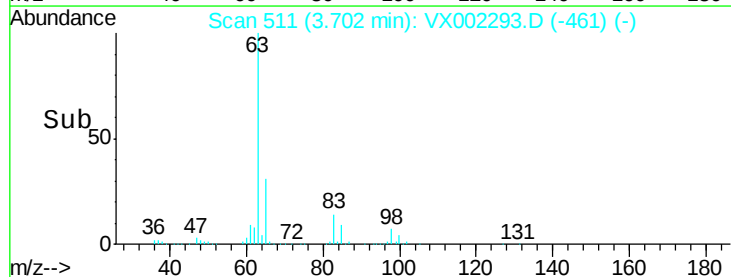
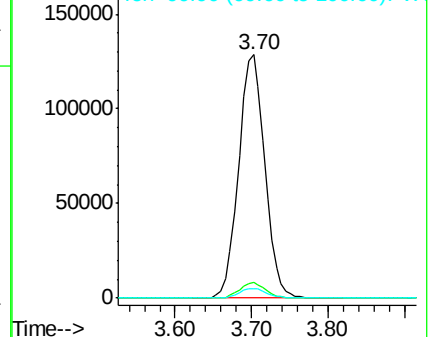
100 4.1 2.0 6.0

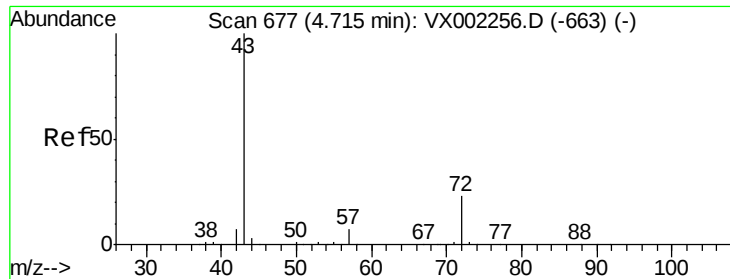


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 221.77 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

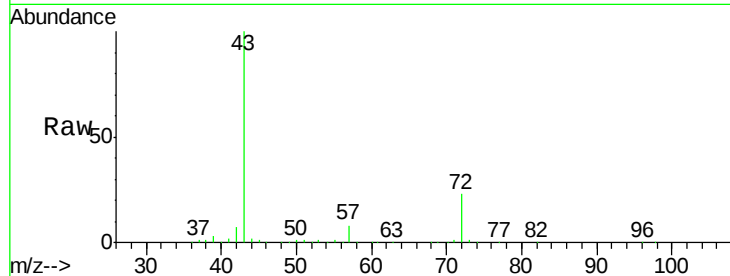
SS052MW750-180531MSD

Tot Ion: 43 Resp: 588831

Ion Ratio Lower Upper

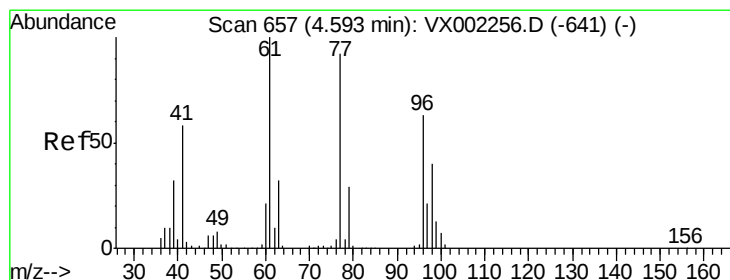
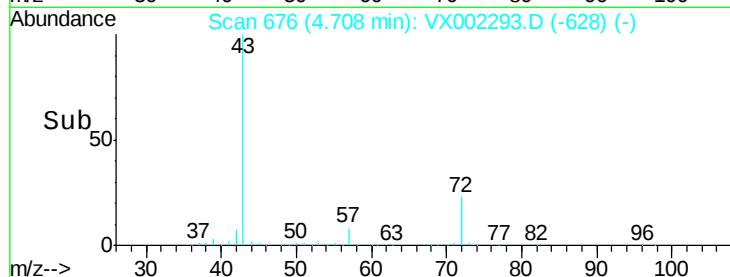
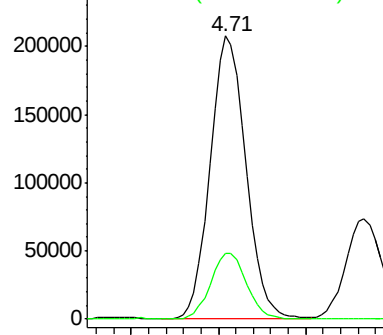
43 100

72 23.3 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: 32.55 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002293.D

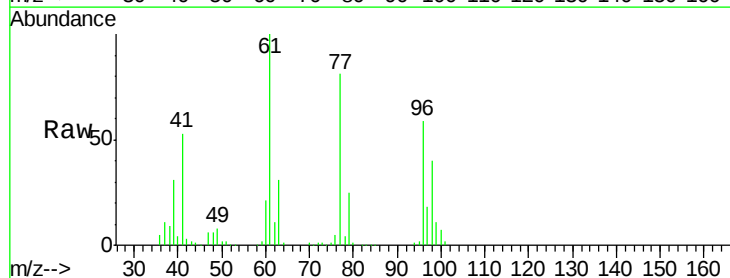
Acq: 05 Jun 2018 06:45

Tgt Ion: 77 Resp: 157333

Ion Ratio Lower Upper

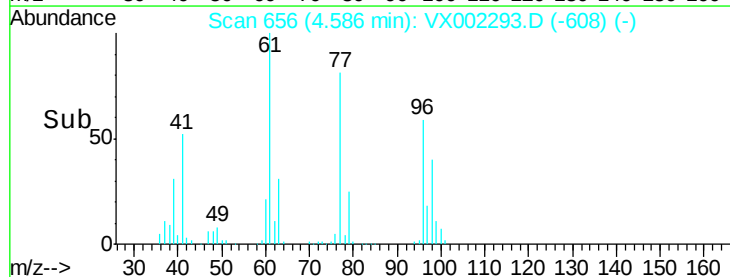
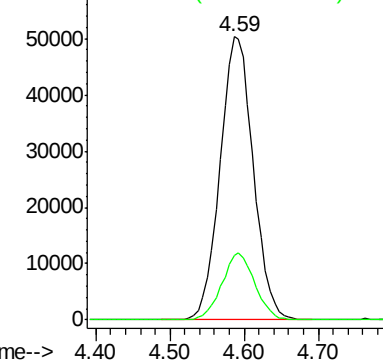
77 100

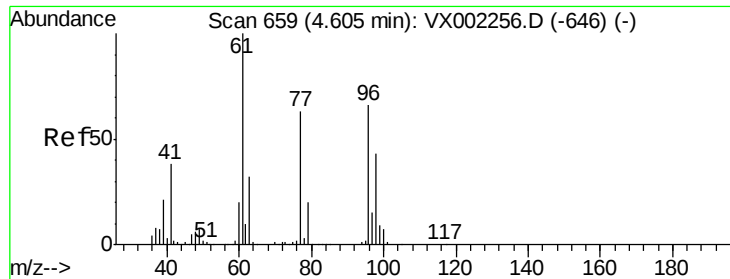
97 23.4 11.2 33.5



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: 47.61 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

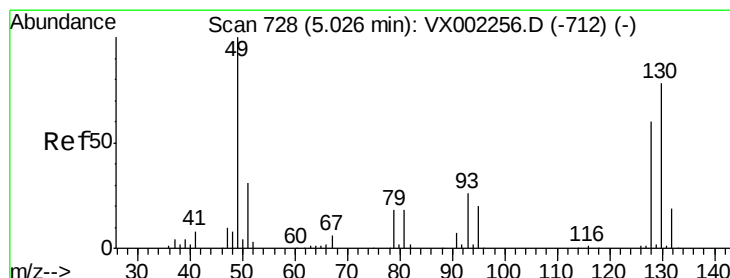
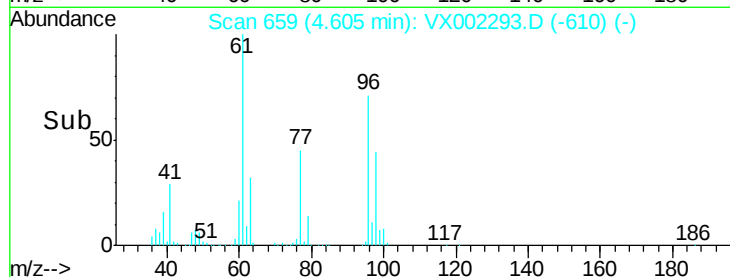
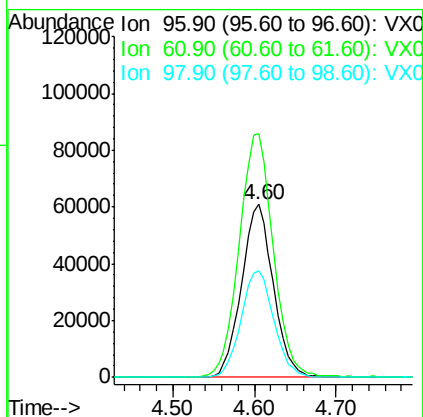
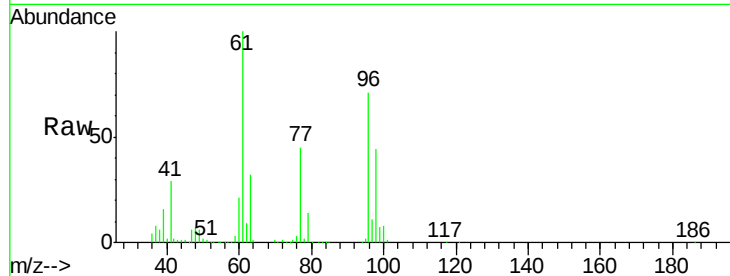
Tot Ion: 96 Resp: 164607

Ion Ratio Lower Upper

96 100

61 151.7 0.0 330.2

98 63.7 0.0 130.2



#28

Bromochloromethane

Concen: 54.53 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

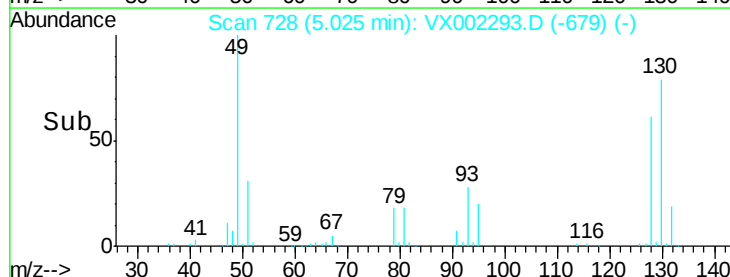
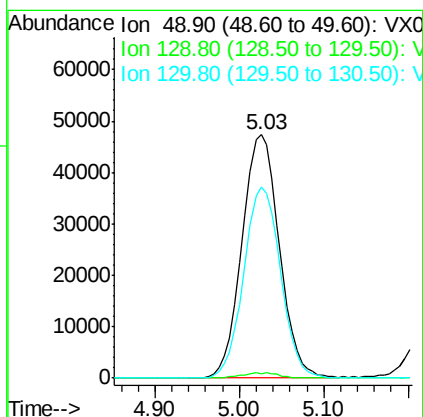
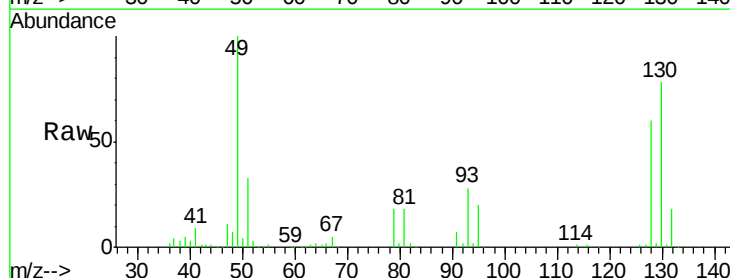
Tgt Ion: 49 Resp: 142559

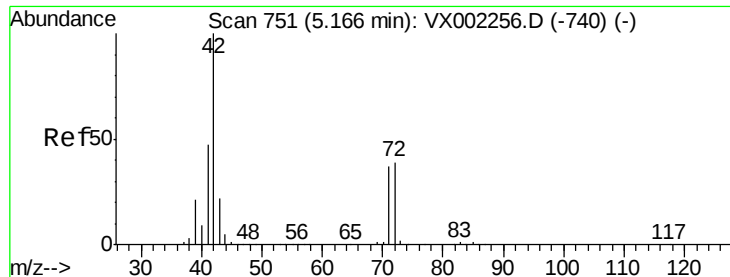
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 77.5 61.2 91.8

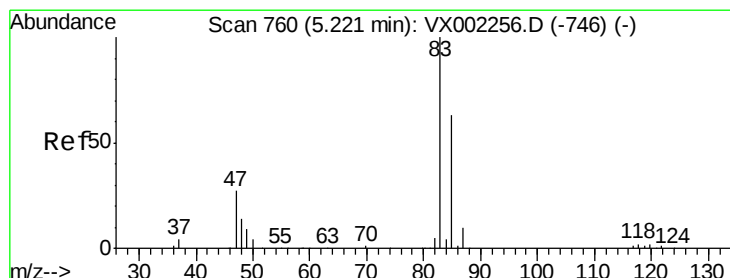
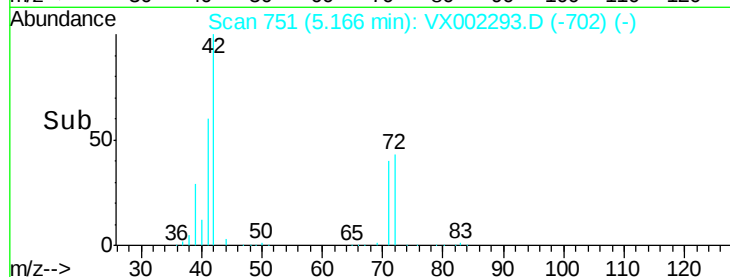
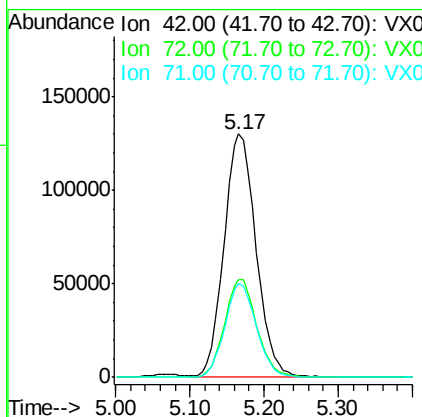
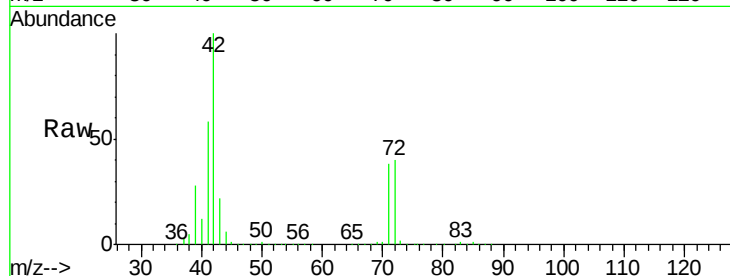




#29
Tetrahydrofuran
Concen: 227.56 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

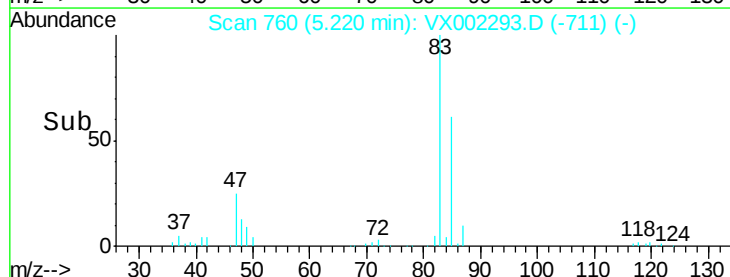
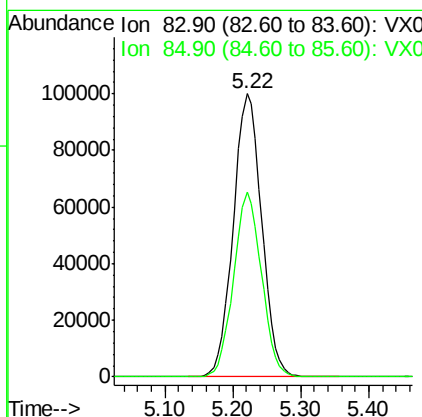
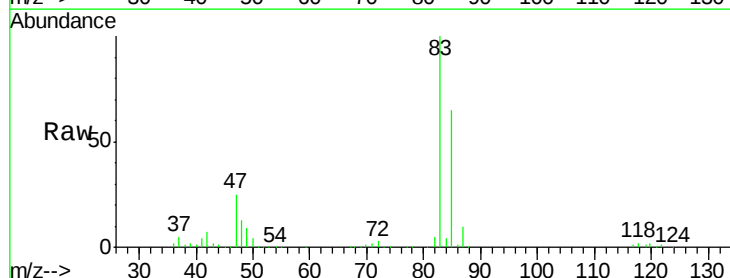
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

Tot Ion: 42 Resp: 389561
Ion Ratio Lower Upper
42 100
72 40.6 32.0 48.0
71 38.3 30.1 45.1



#30
Chloroform
Concen: 48.73 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion: 83 Resp: 290783
Ion Ratio Lower Upper
83 100
85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 50.80 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

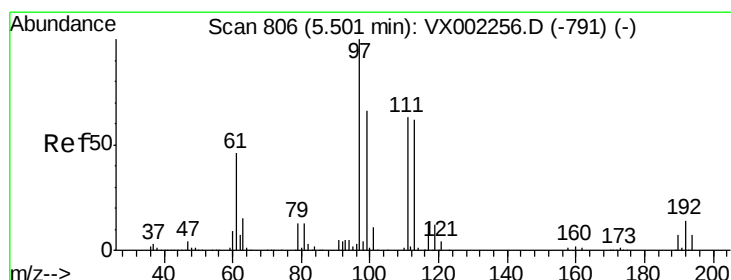
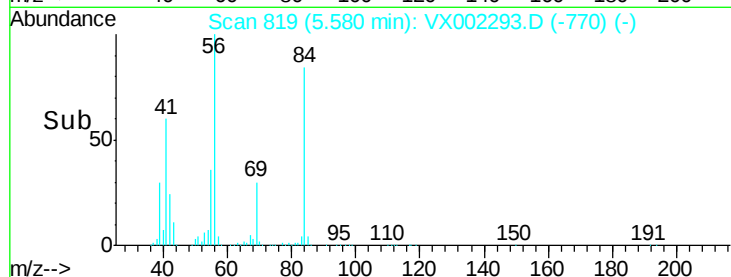
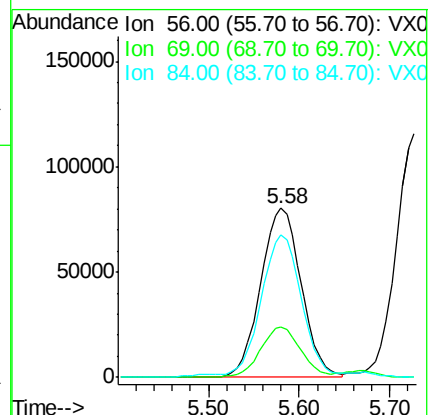
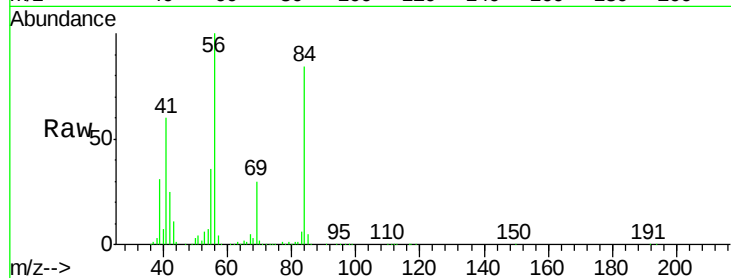
Tot Ion: 56 Resp: 248400

Ion Ratio Lower Upper

56 100

69 29.8 23.7 35.5

84 83.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 50.28 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

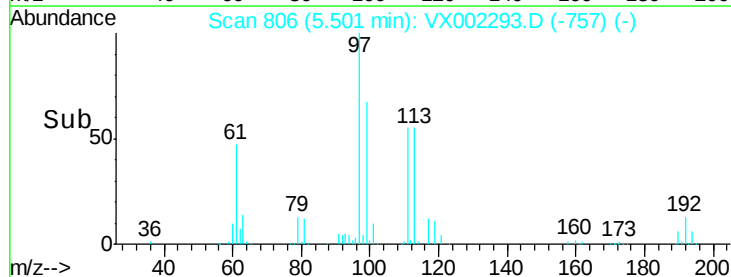
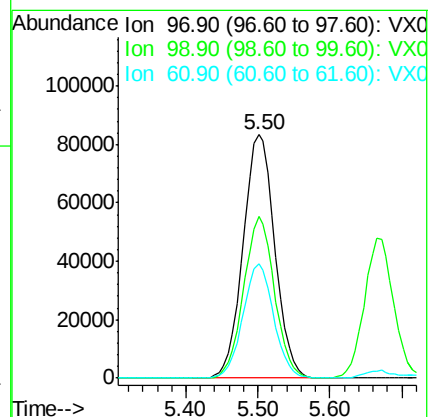
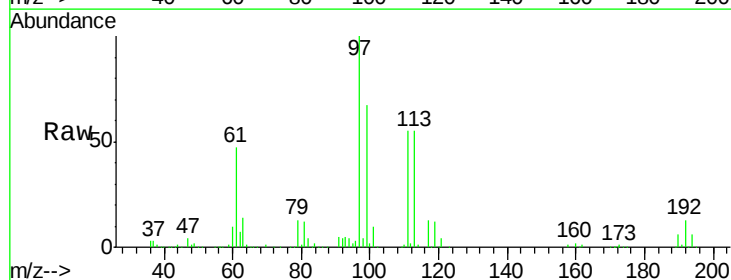
Tgt Ion: 97 Resp: 254432

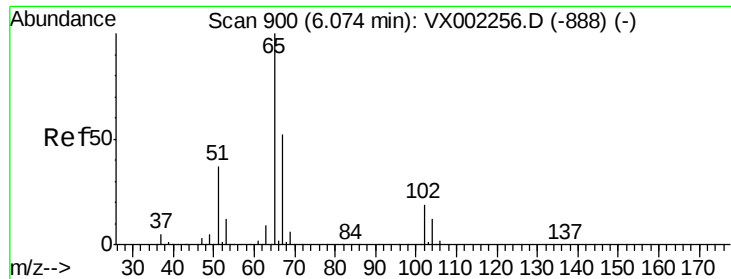
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 45.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.46 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

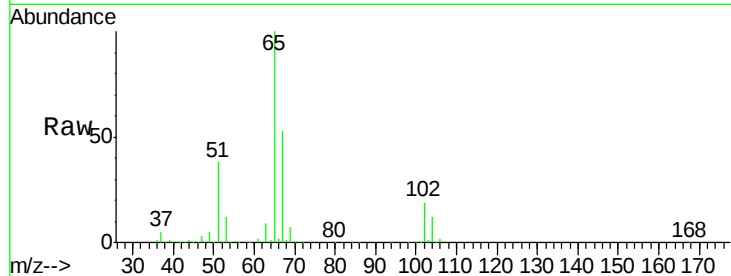
SS052MW750-180531MSD

Tot Ion: 65 Resp: 180860

Ion Ratio Lower Upper

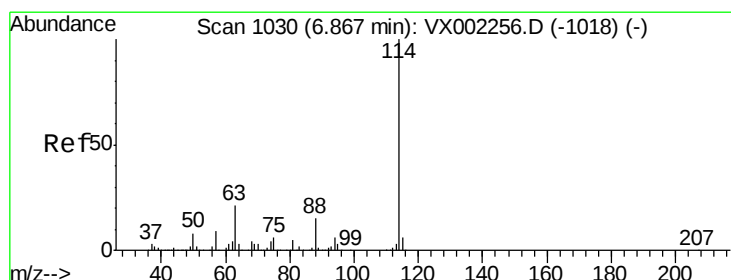
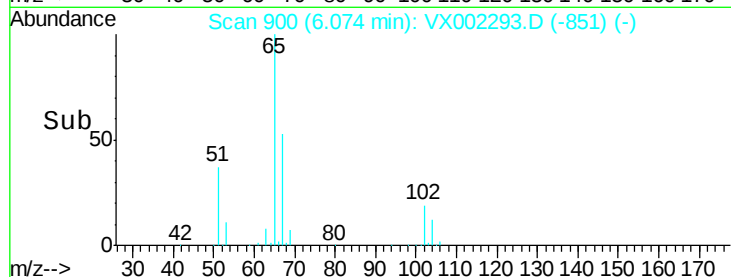
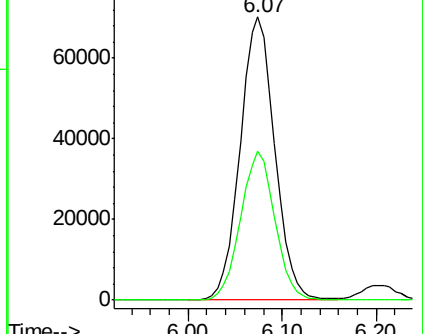
65 100

67 52.1 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: VX002293.D

Acq: 05 Jun 2018 06:45

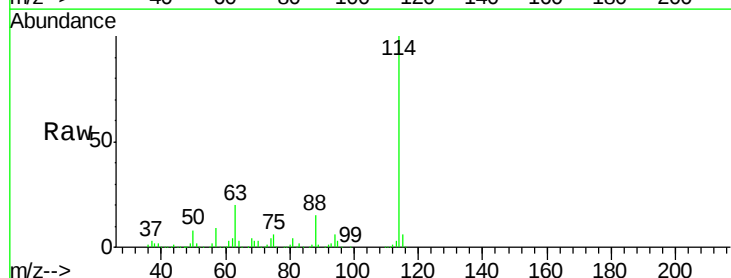
Tgt Ion: 114 Resp: 401461

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

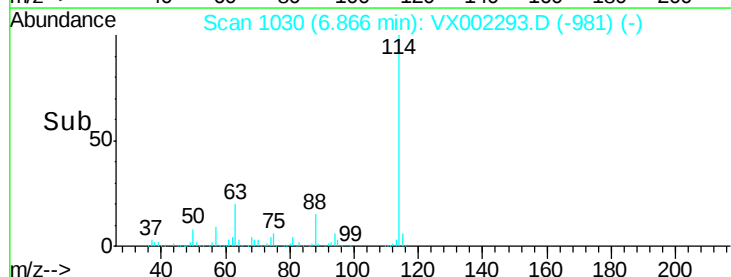
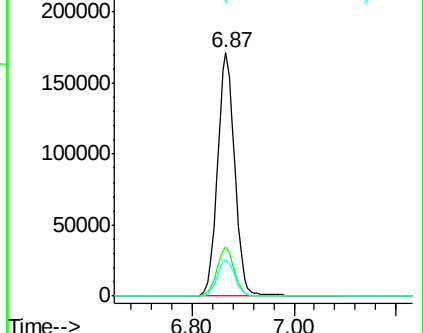
88 14.8 0.0 30.0

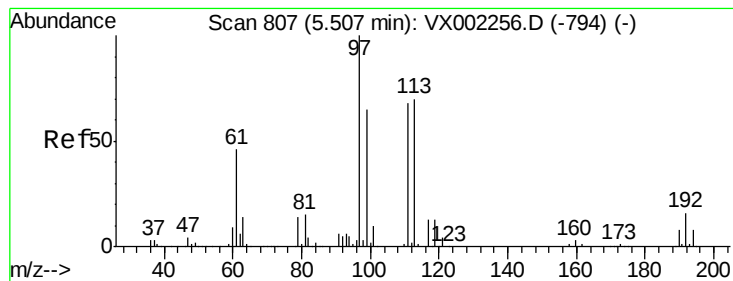


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

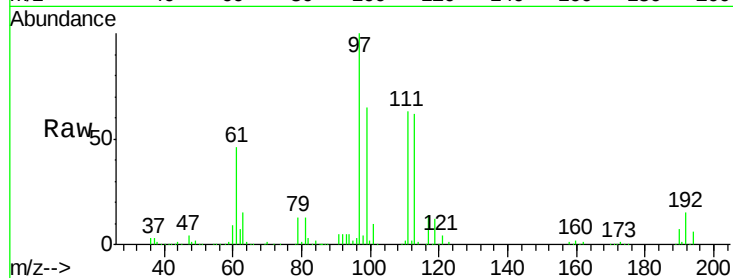
Tot Ion:113 Resp: 140881

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

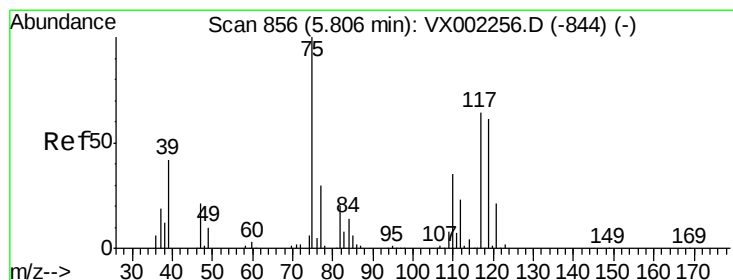
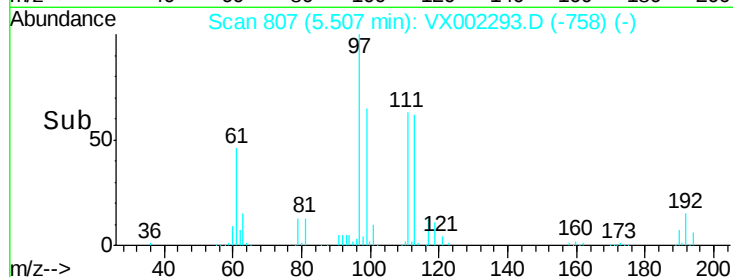
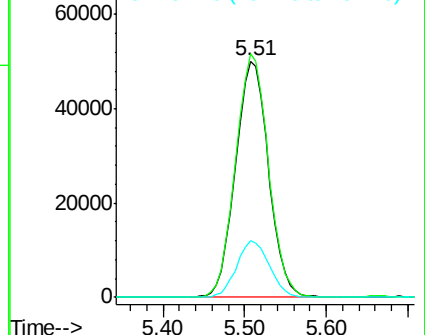
192 23.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.38 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

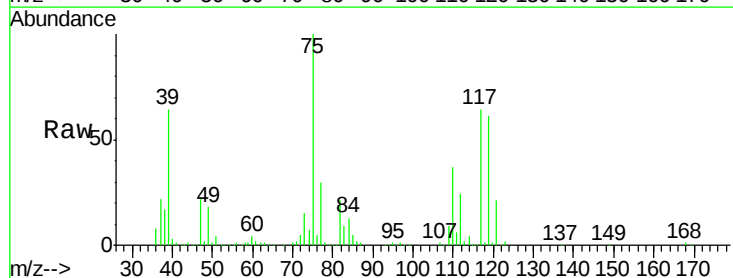
Tgt Ion: 75 Resp: 208405

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.4

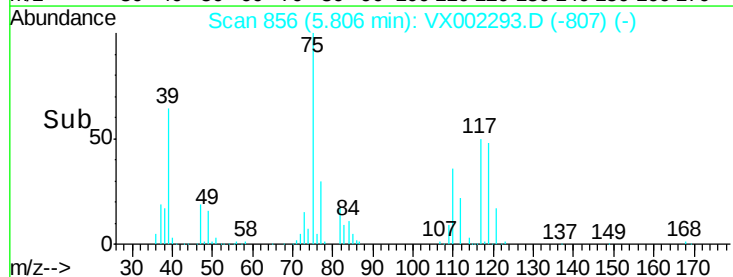
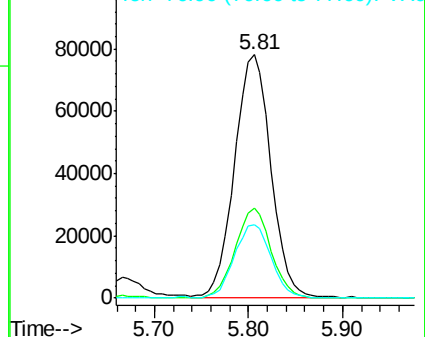
77 30.7 24.3 36.5

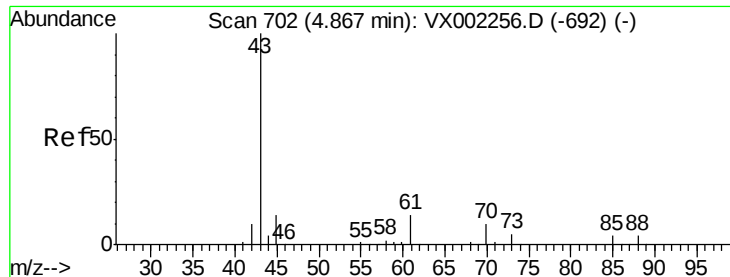


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

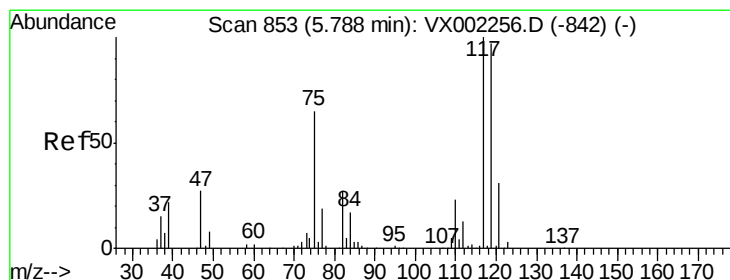
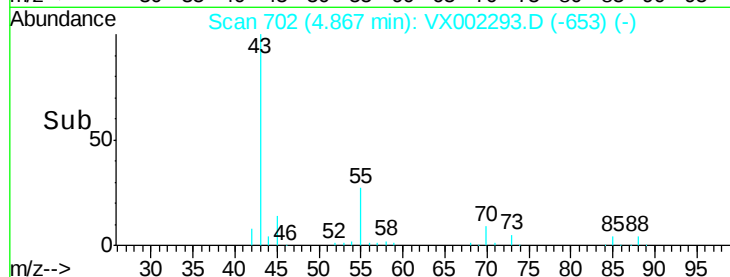
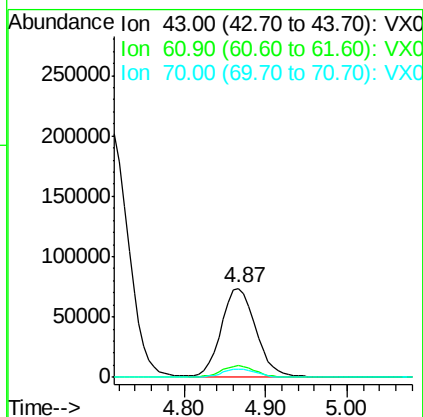
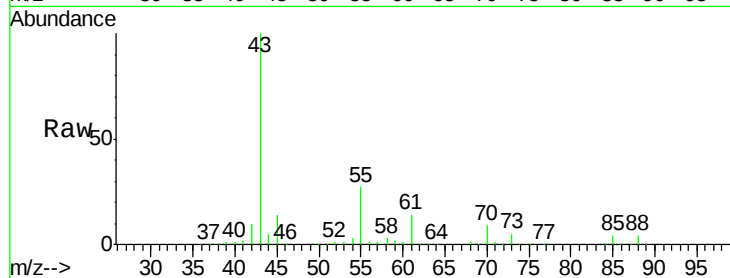




#37
Ethyl Acetate
Concen: 42.55 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

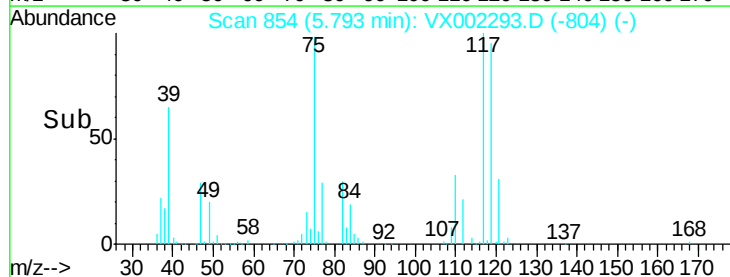
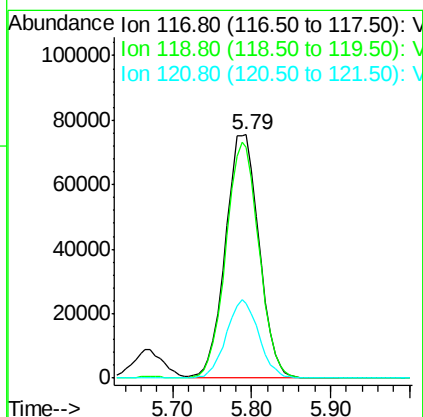
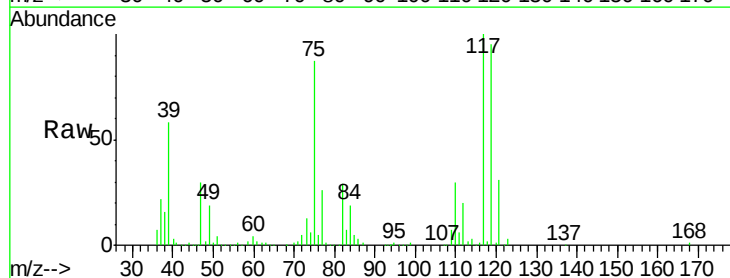
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

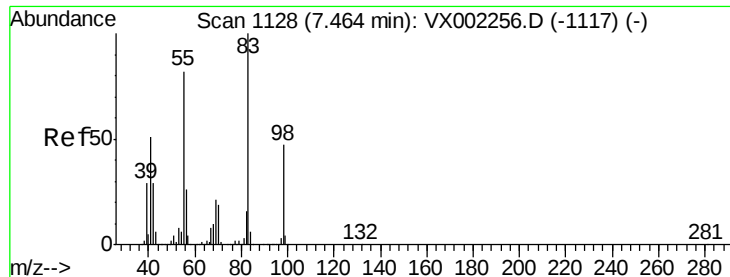
Tot Ion: 43 Resp: 215986
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 50.72 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion: 117 Resp: 223932
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
121 30.8 24.4 36.6

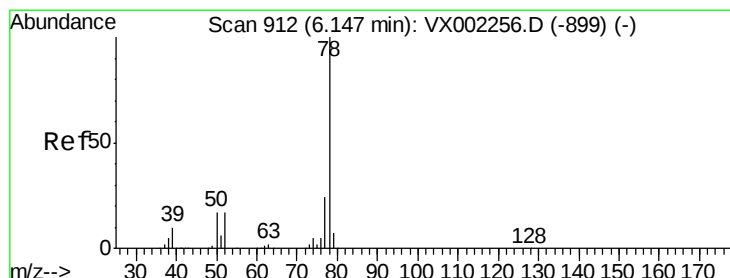
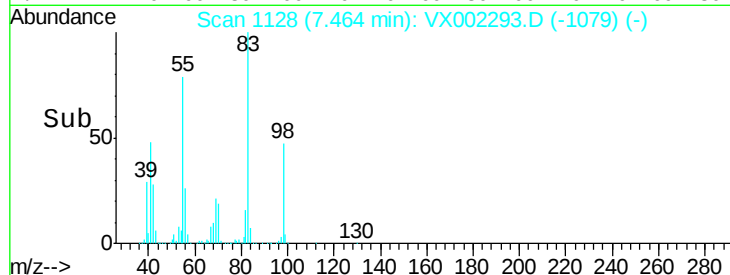
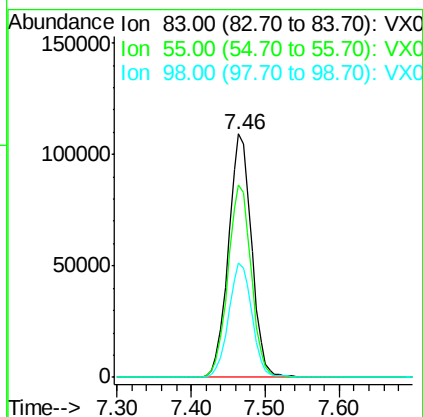
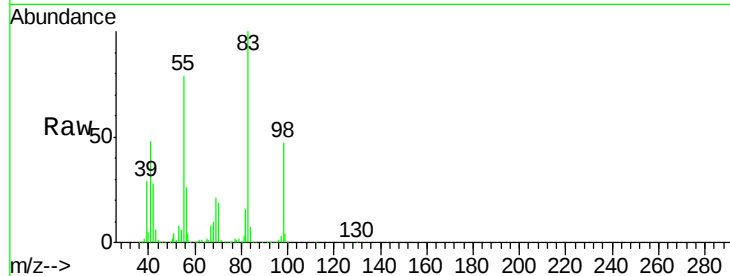




#39
Methvlcvclohexane
Concen: 45.62 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

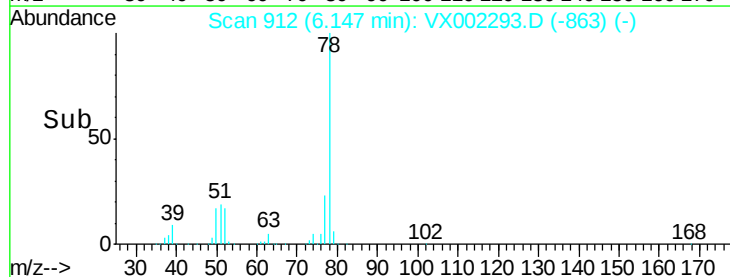
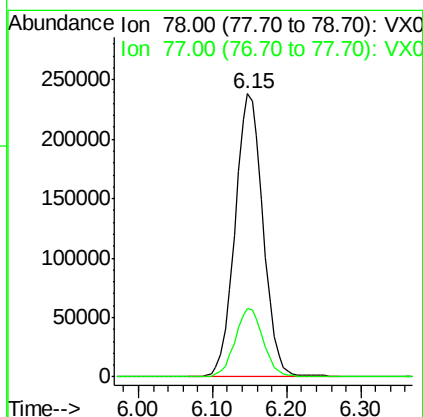
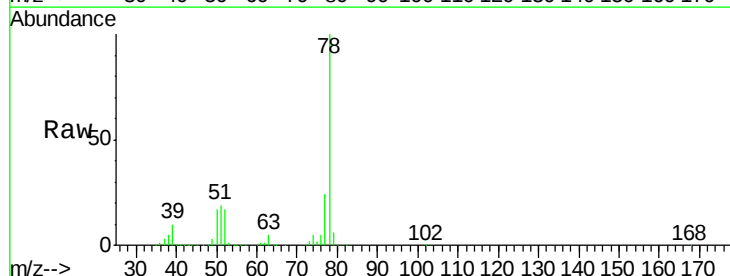
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

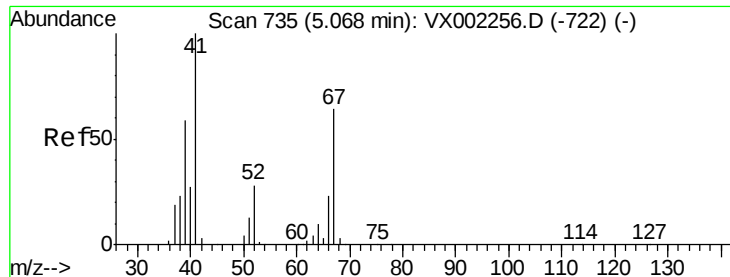
Tot Ion: 83 Resp: 237769
Ion Ratio Lower Upper
83 100
55 79.0 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 48.59 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion: 78 Resp: 628853
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

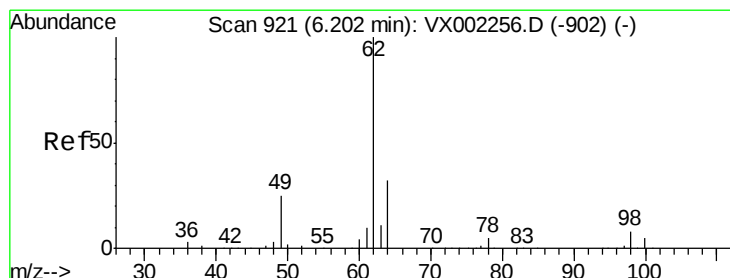
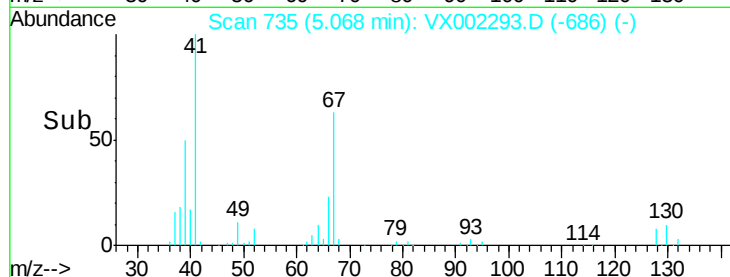
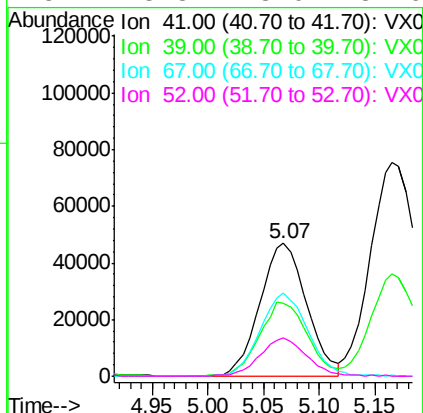
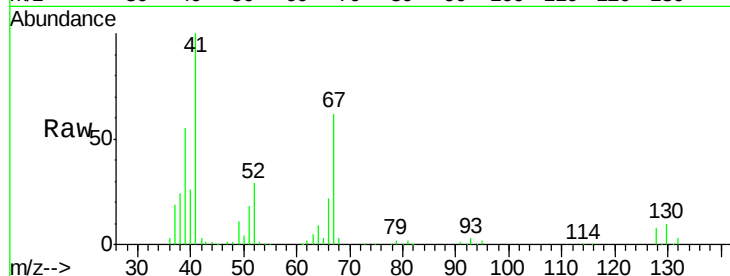




#41
Methacrylonitrile
Concen: 46.93 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

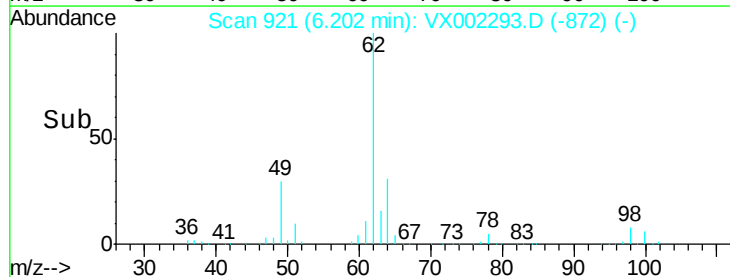
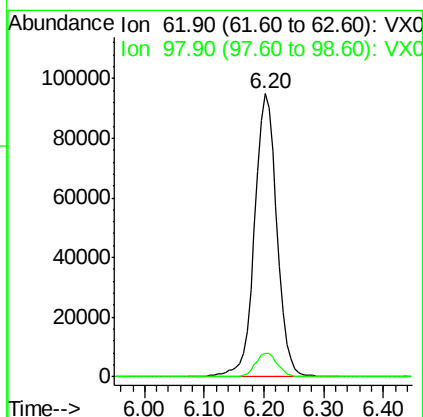
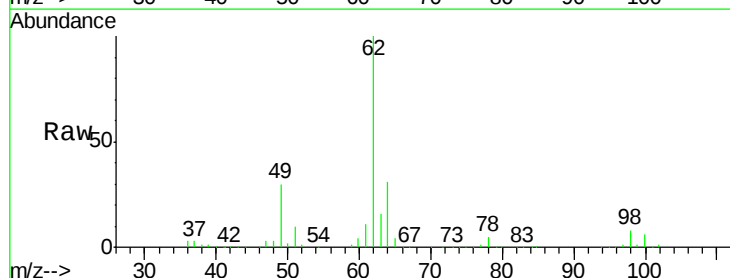
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

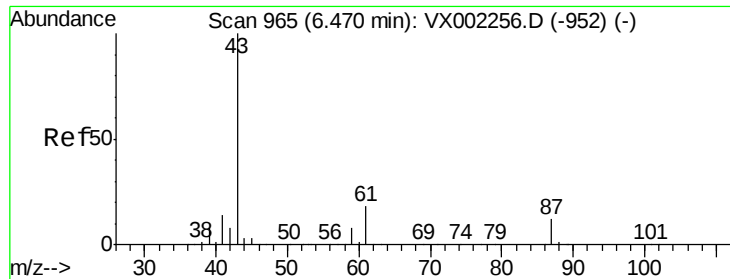
Tot Ion:	41	Resp:	136354
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	64.4	51.3	76.9
52	28.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.97 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion:	62	Resp:	246638
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



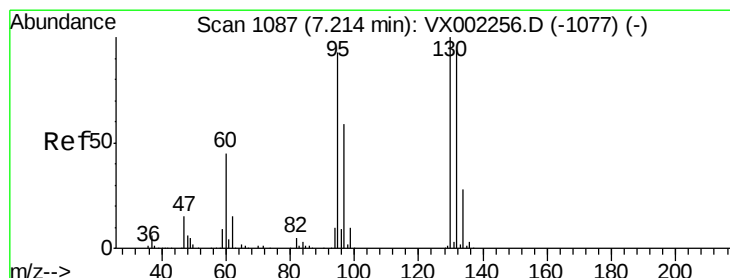
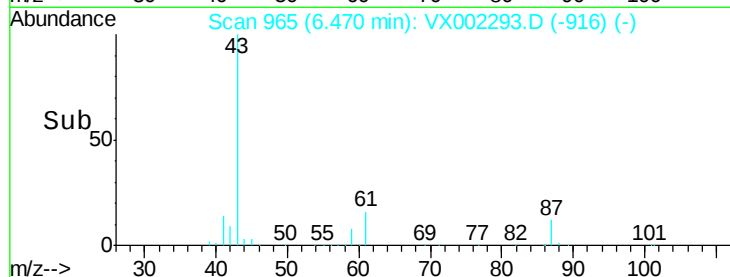
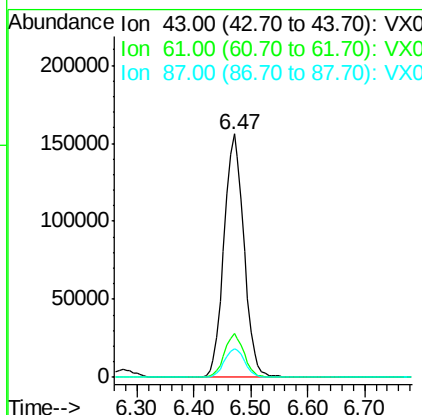
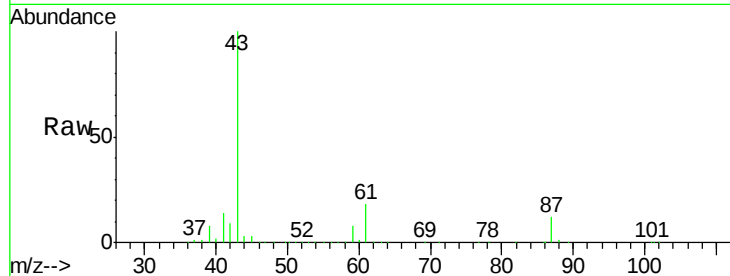


#43

Isopropyl Acetate
 Concen: 44.11 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

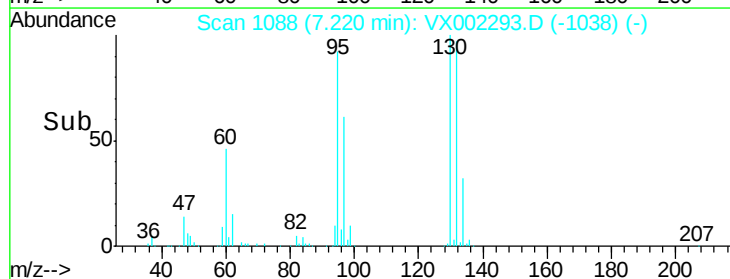
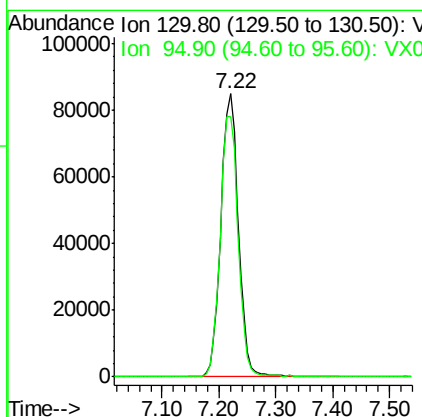
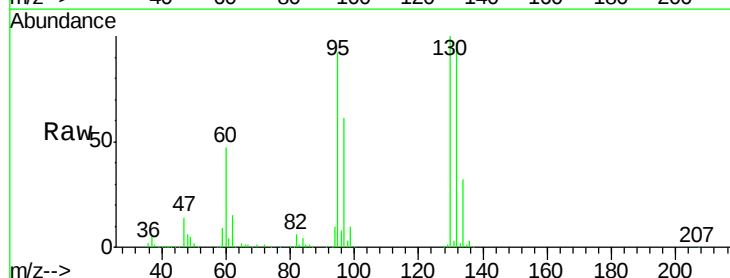
Tot Ion	43	Resp	380237
Ion Ratio	Lower	Upper	
43	100		
61	17.8	14.4	21.6
87	12.0	9.5	14.3

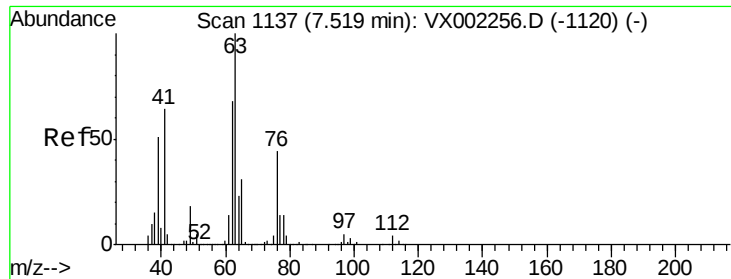


#44

Trichloroethene
 Concen: 50.81 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion	130	Resp	182477
Ion Ratio	Lower	Upper	
130	100		
95	92.2	0.0	185.4

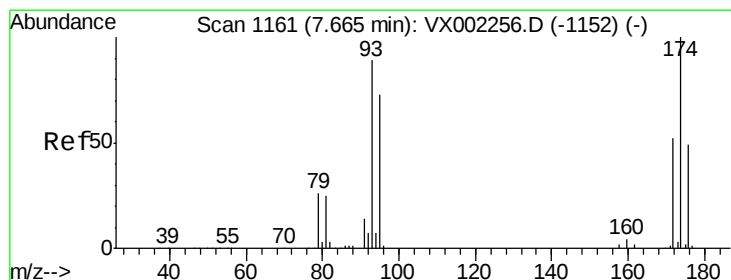
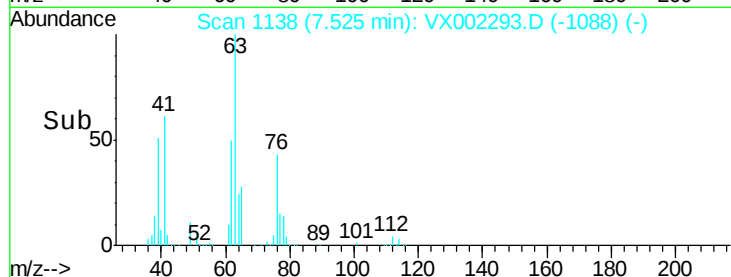
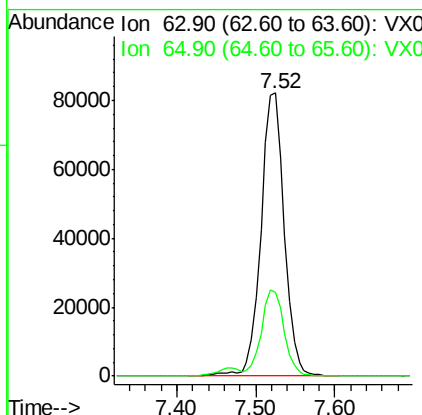
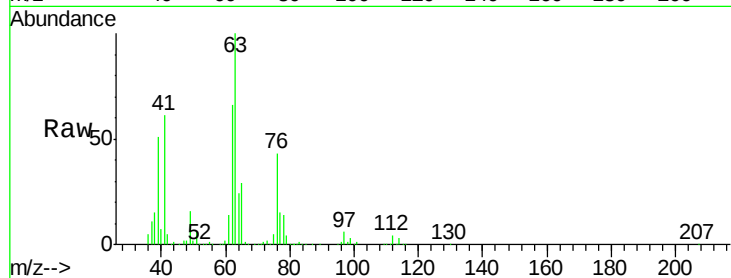




#45
 1,2-Dichloropropane
 Concen: 48.29 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

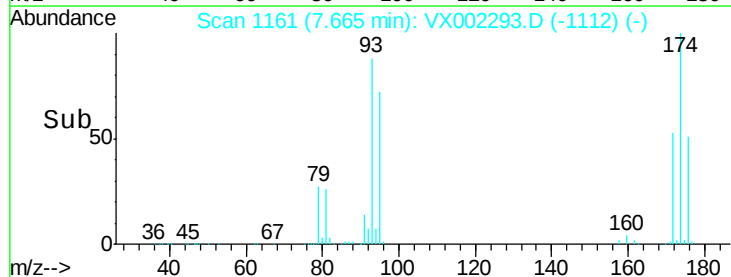
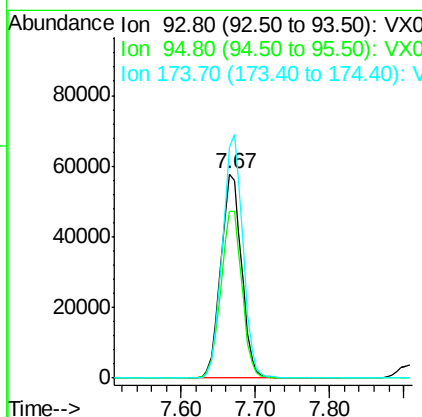
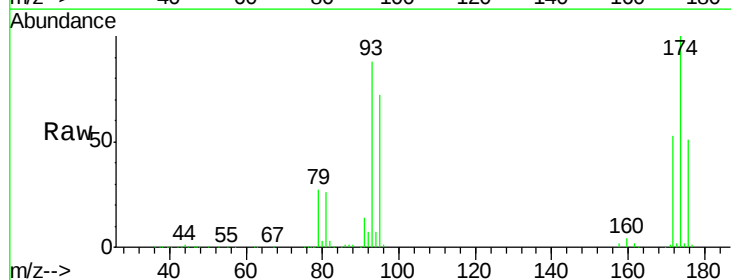
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

Tot Ion: 63 Resp: 168707
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.7 37.1



#46
 Dibromomethane
 Concen: 47.39 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 93 Resp: 112235
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 117.1 92.4 138.6

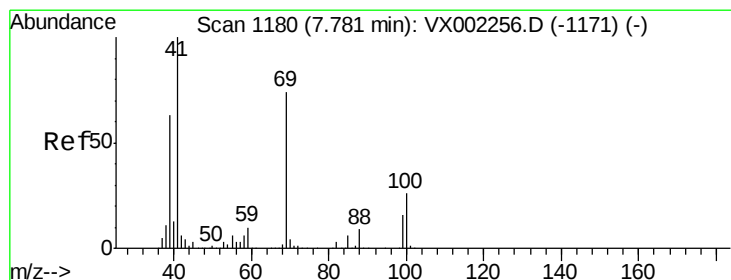
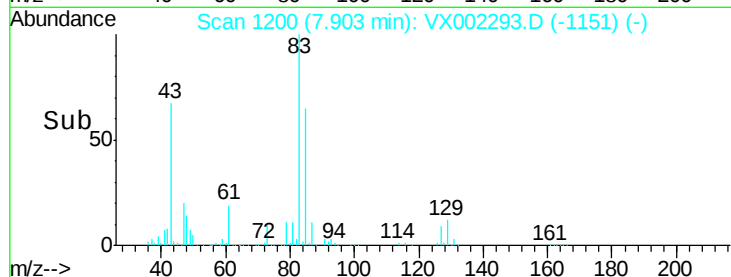
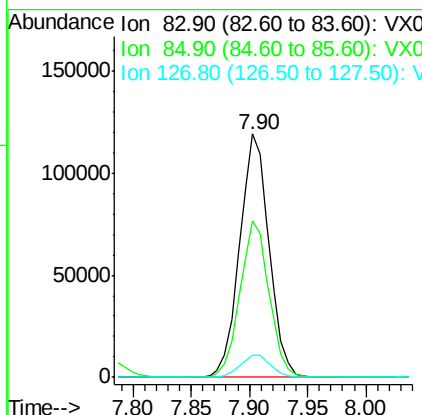
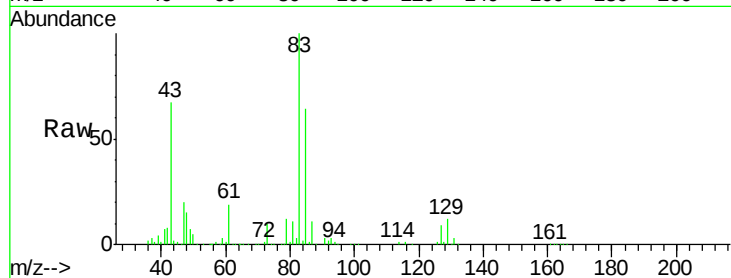




#47
Bromodichloromethane
Concen: 48.90 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

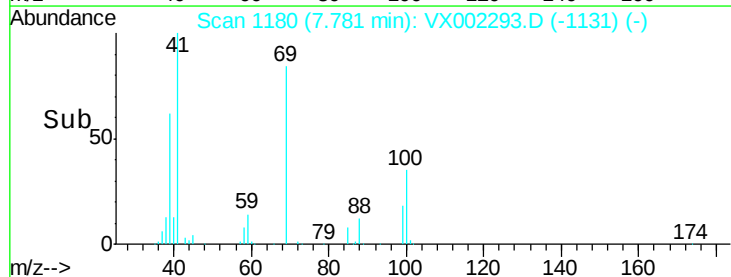
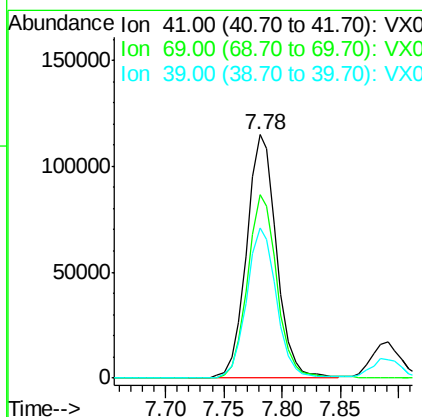
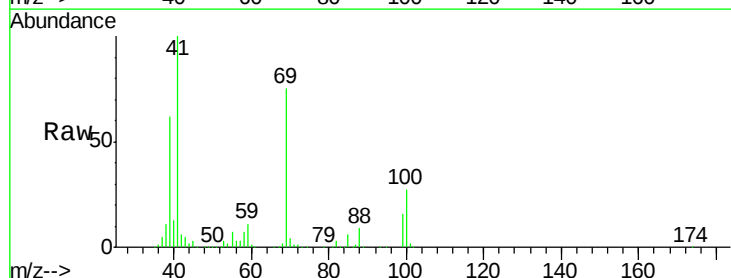
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

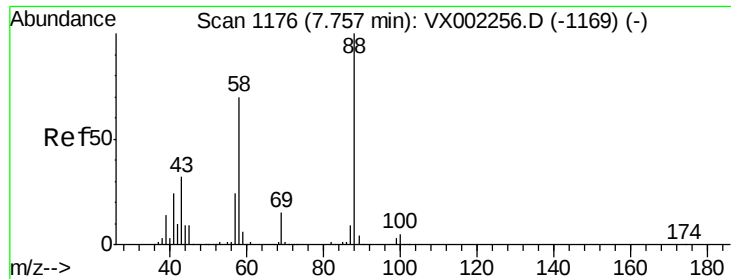
Tot Ion: 83 Resp: 209437
Ion Ratio Lower Upper
83 100
85 64.4 50.3 75.5
127 8.9 7.0 10.4



#48
Methyl methacrylate
Concen: 47.32 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion: 41 Resp: 204912
Ion Ratio Lower Upper
41 100
69 74.9 59.1 88.7
39 61.4 48.9 73.3

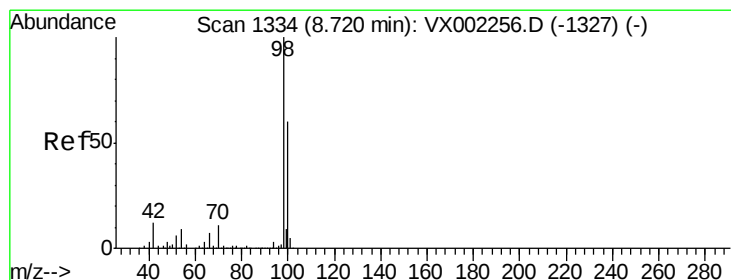
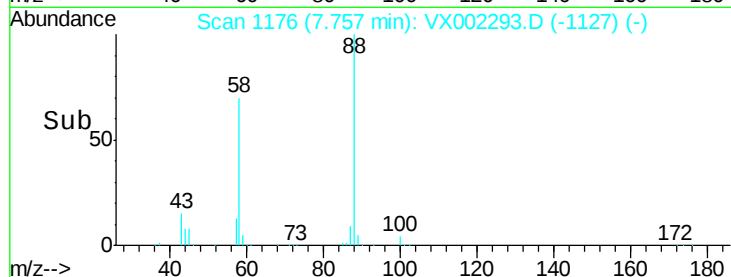
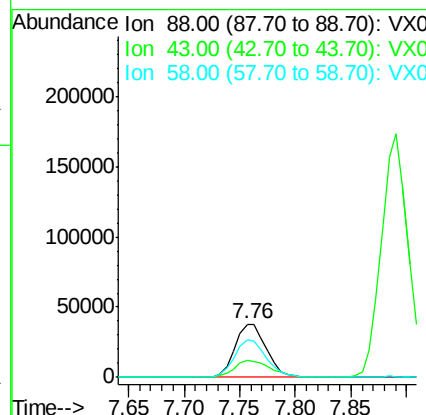
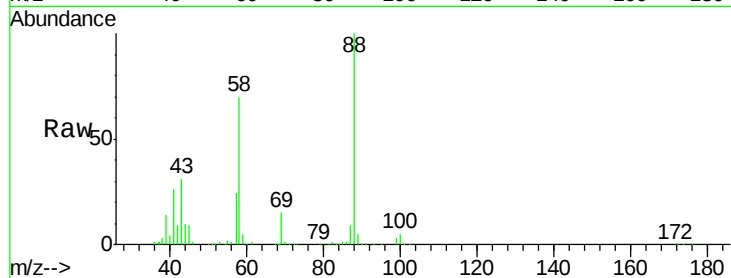




#49
1,4-Dioxane
Concen: 912.74 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

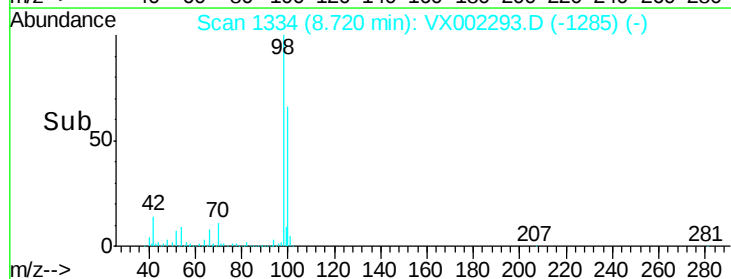
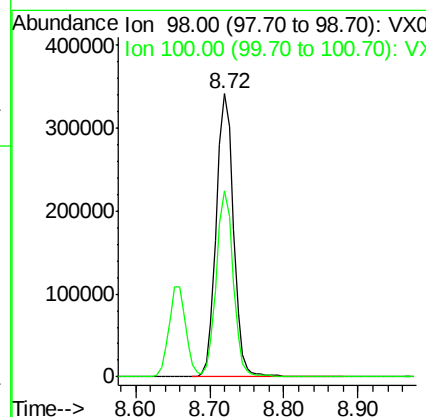
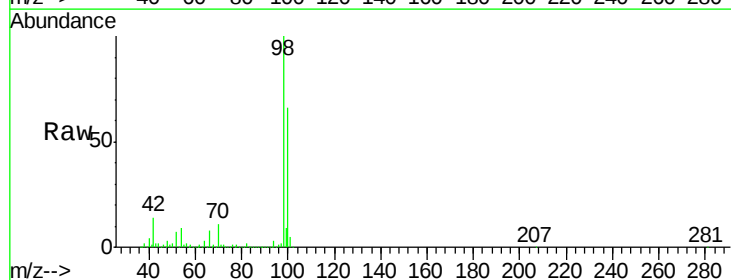
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

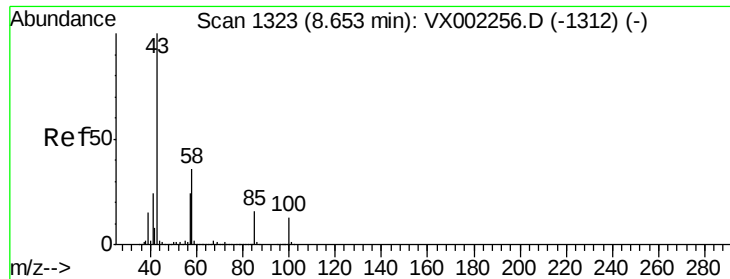
Tot Ion	88	Resp	73903
Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.8	44.6
58	72.0	57.1	85.7



#50
Toluene-d8
Concen: 44.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion	98	Resp	544339
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 240.66 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

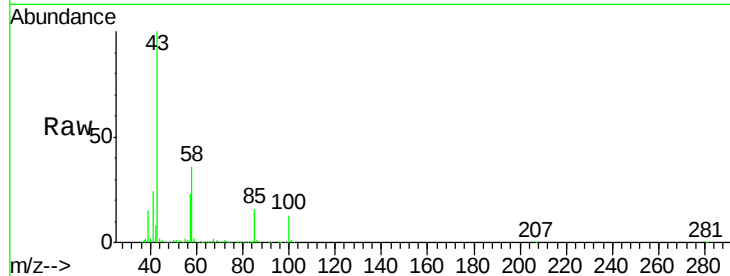
SS052MW750-180531MSD

Tot Ion: 43 Resp: 1292011

Ion Ratio Lower Upper

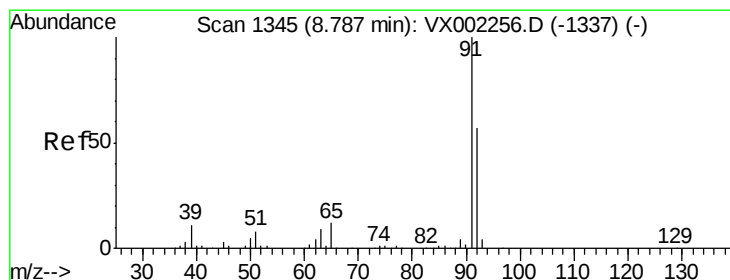
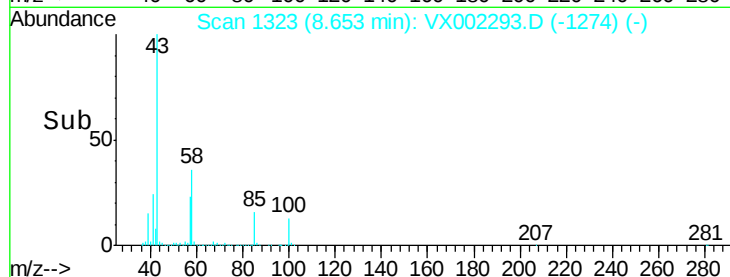
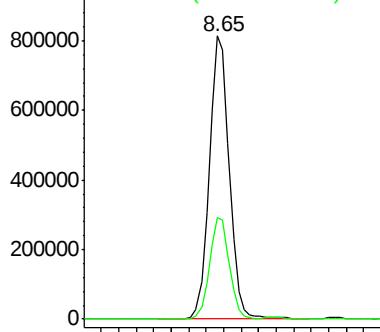
43 100

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: 49.83 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002293.D

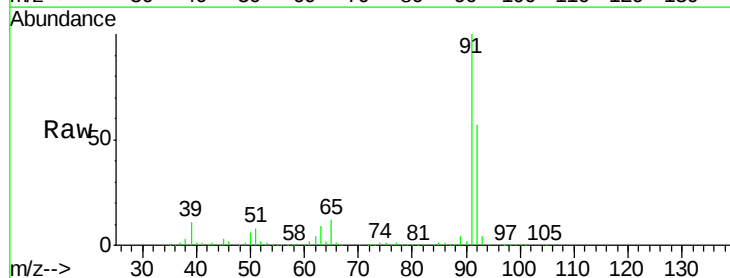
Acq: 05 Jun 2018 06:45

Tgt Ion: 92 Resp: 410159

Ion Ratio Lower Upper

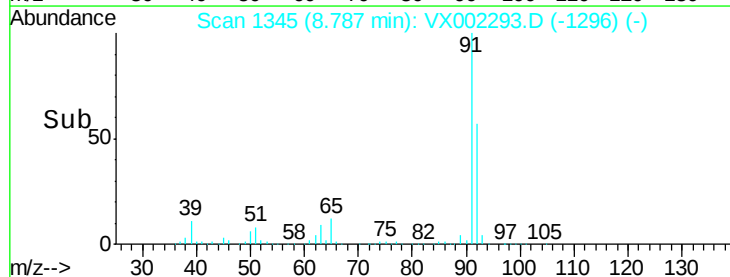
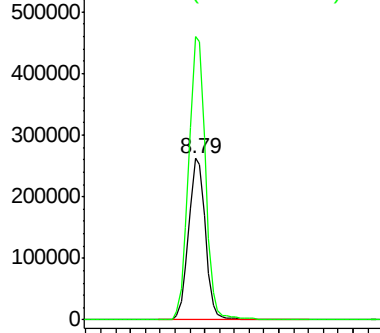
92 100

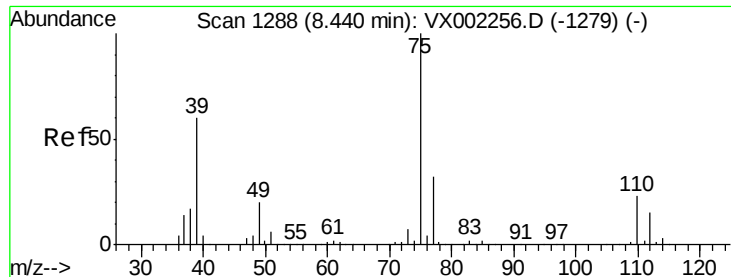
91 175.8 140.4 210.6



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: 46.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

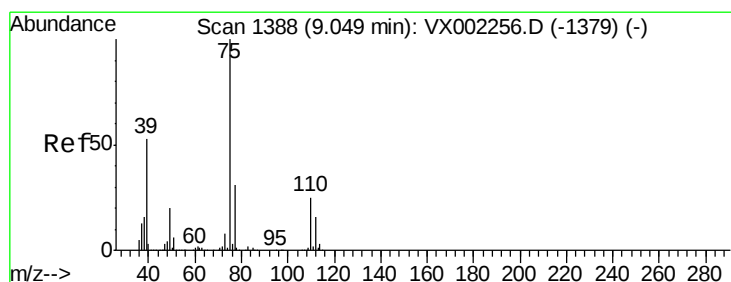
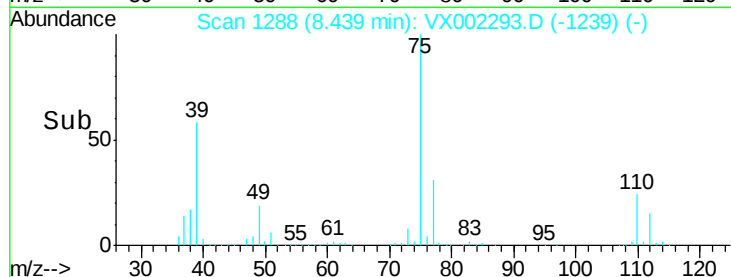
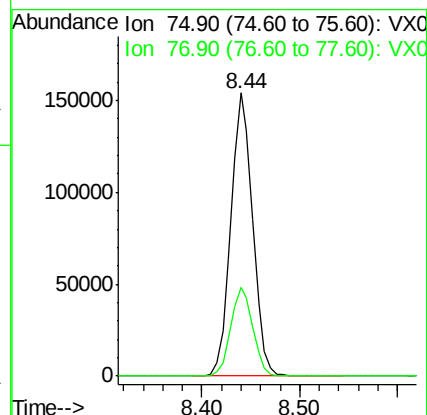
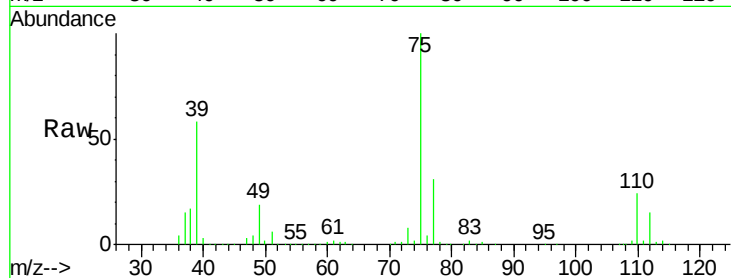
SS052MW750-180531MSD

Tot Ion: 75 Resp: 237664

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.35 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

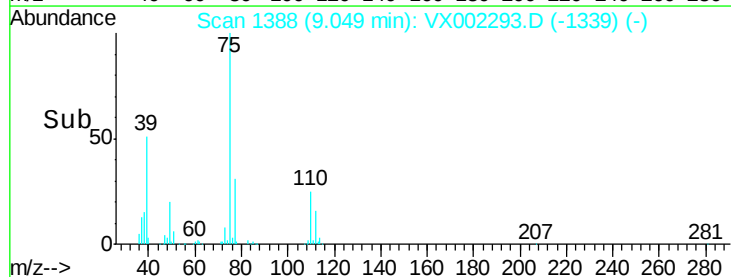
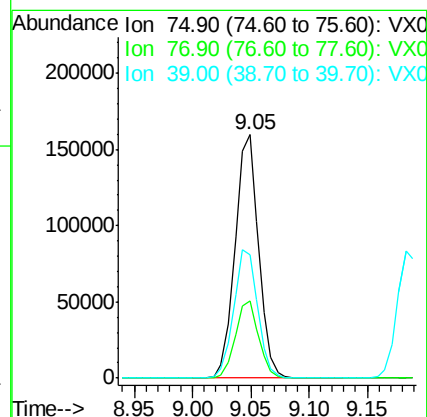
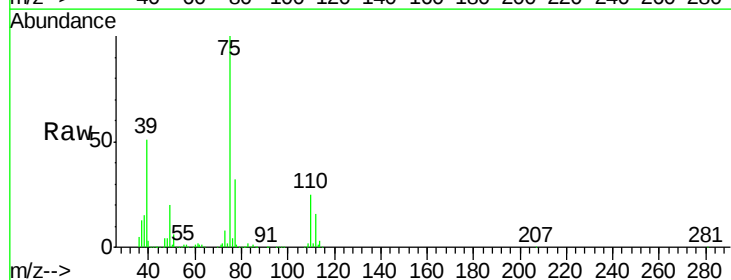
Tgt Ion: 75 Resp: 224607

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 50.8 42.4 63.6

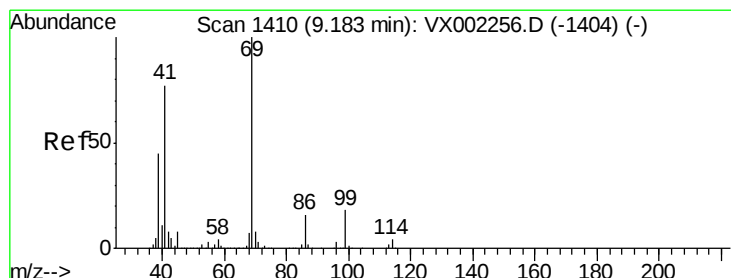
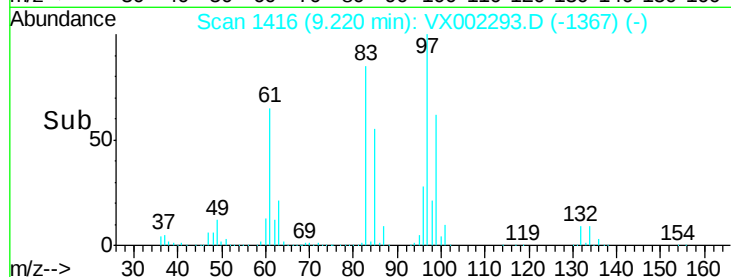
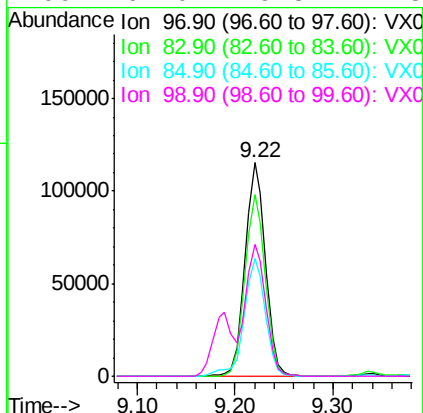
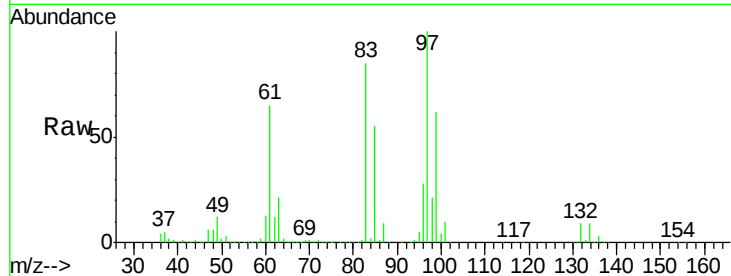




#55
 1,1,2-Trichloroethane
 Concen: 49.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

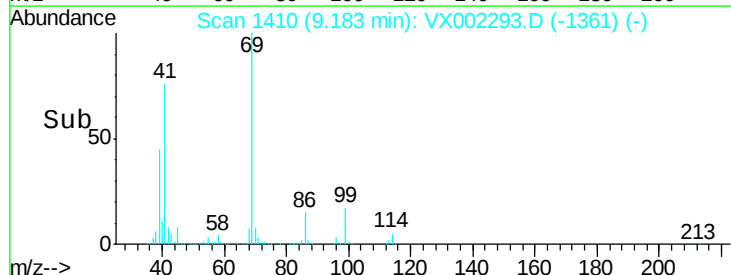
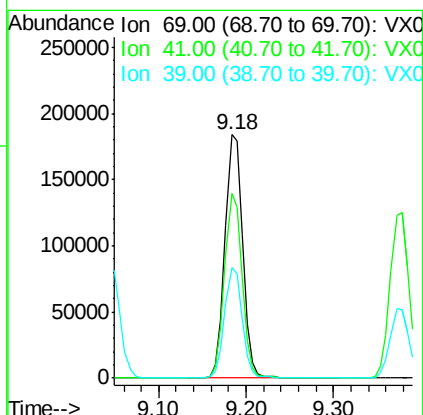
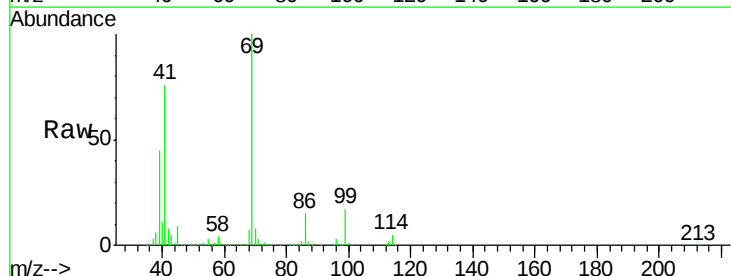
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

Tot Ion:	97	Resp:	166691
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	55.0	44.9	67.3
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 47.92 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion:	69	Resp:	258969
Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.3	90.5
39	44.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.50 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

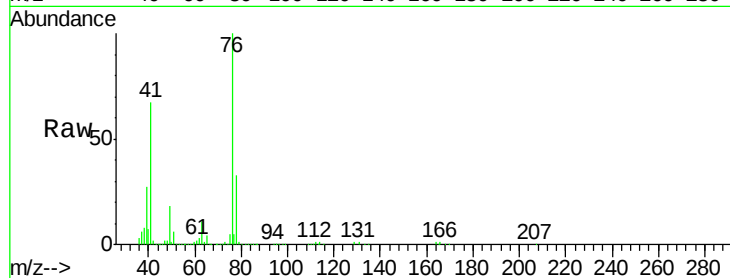
SS052MW750-180531MSD

Tot Ion: 76 Resp: 275429

Ion Ratio Lower Upper

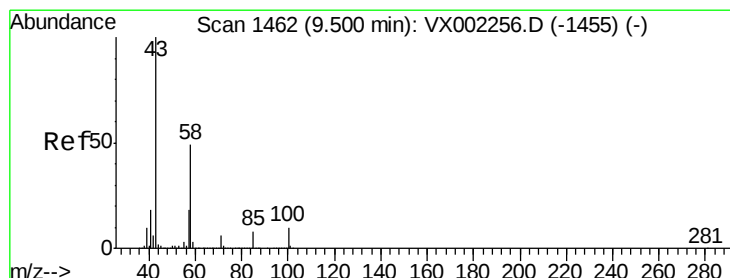
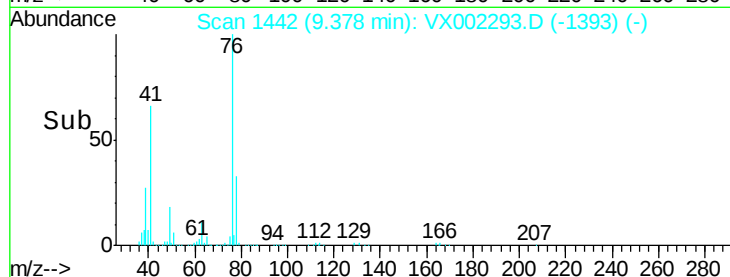
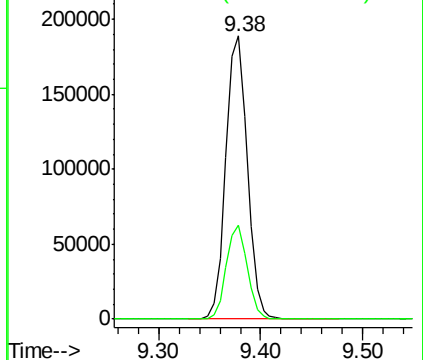
76 100

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



#59

2-Hexanone

Concen: 238.82 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002293.D

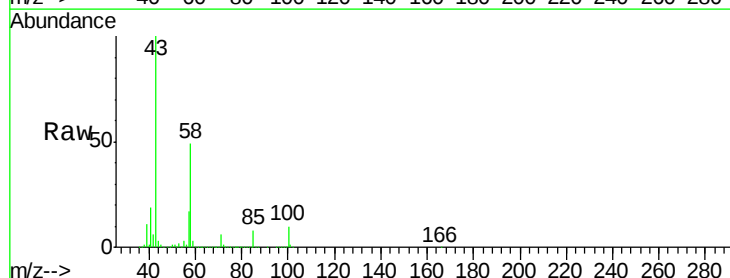
Acq: 05 Jun 2018 06:45

Tgt Ion: 43 Resp: 990352

Ion Ratio Lower Upper

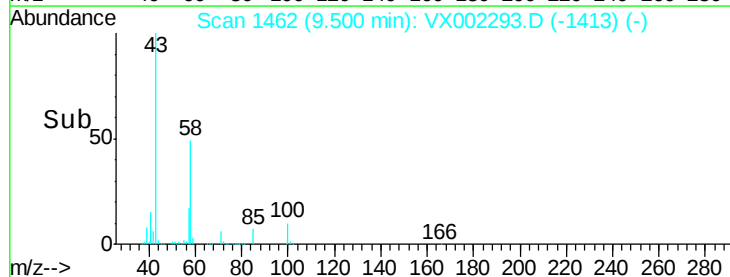
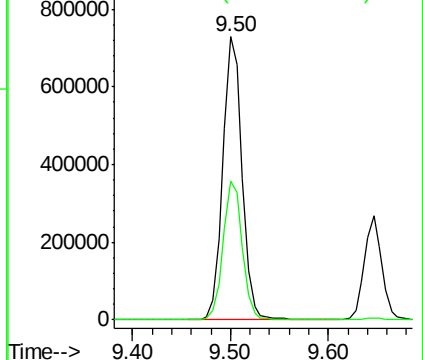
43 100

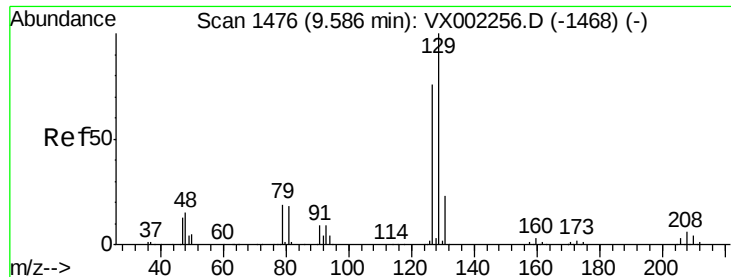
58 49.1 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 50.07 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

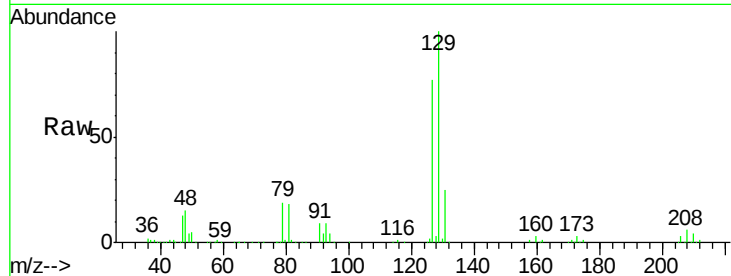
SS052MW750-180531MSD

Tot Ion:129 Resp: 170479

Ion Ratio Lower Upper

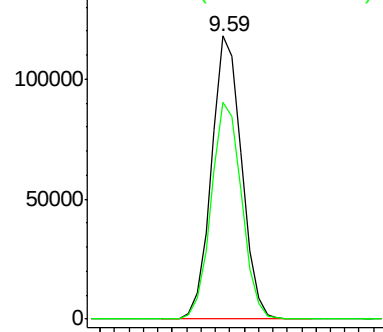
129 100

127 77.2 38.5 115.3

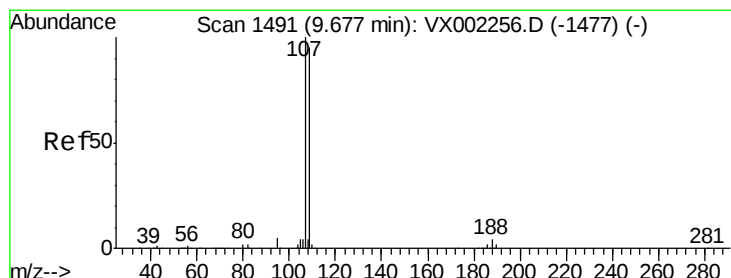
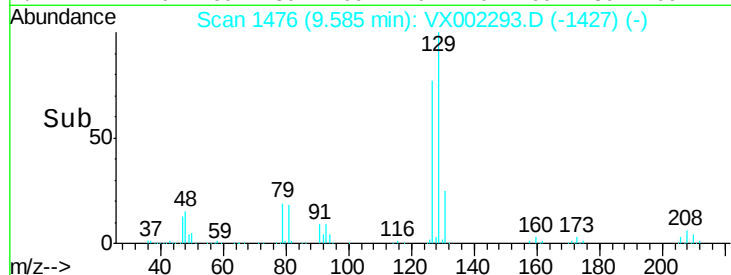


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time--> 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 49.26 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002293.D

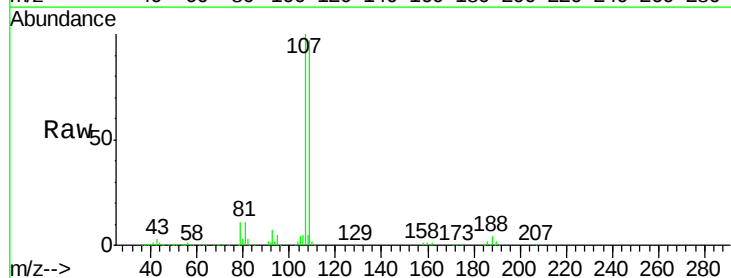
Acq: 05 Jun 2018 06:45

Tgt Ion:107 Resp: 173861

Ion Ratio Lower Upper

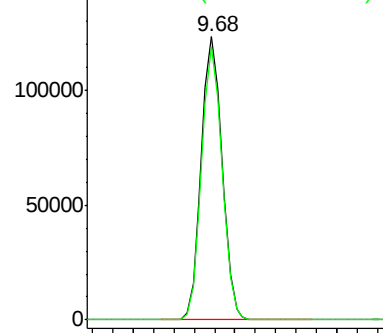
107 100

109 95.2 75.3 112.9

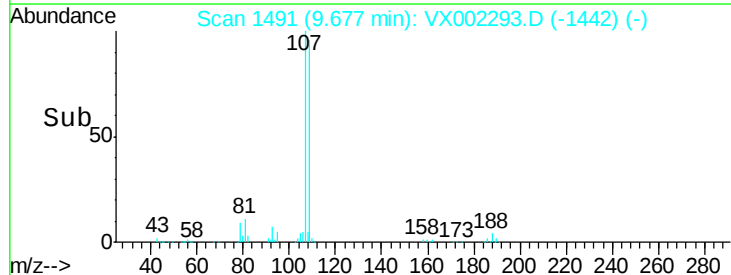


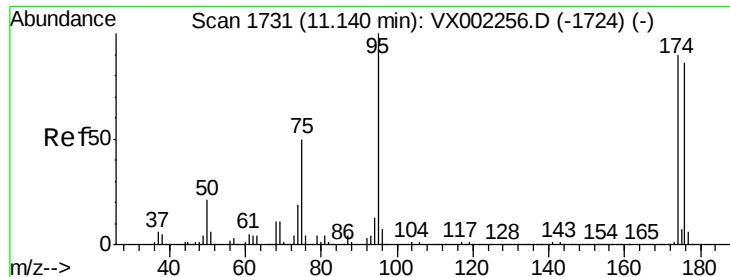
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time--> 9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 44.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

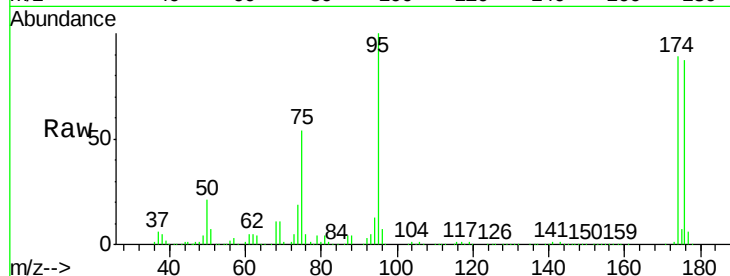
Tot Ion: 95 Resp: 207479

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

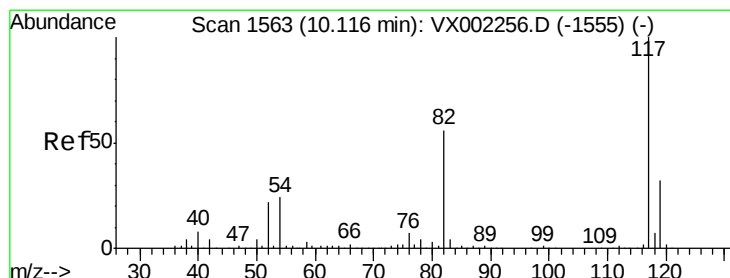
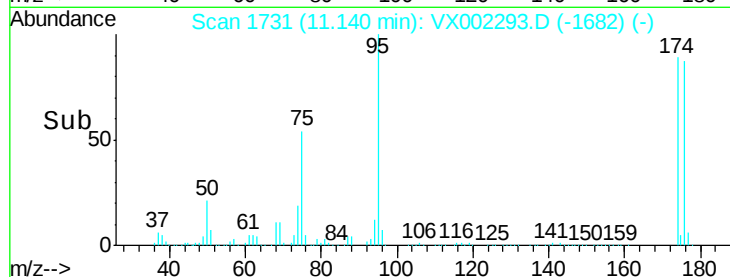
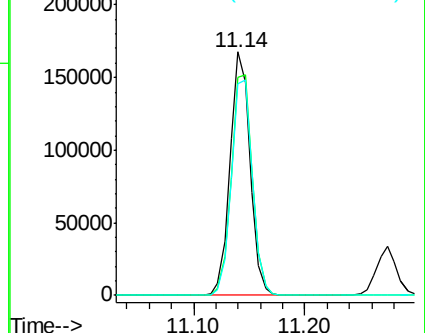
176 93.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

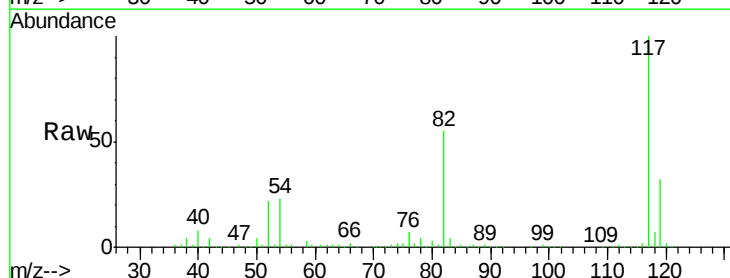
Tgt Ion: 117 Resp: 380897

Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.4

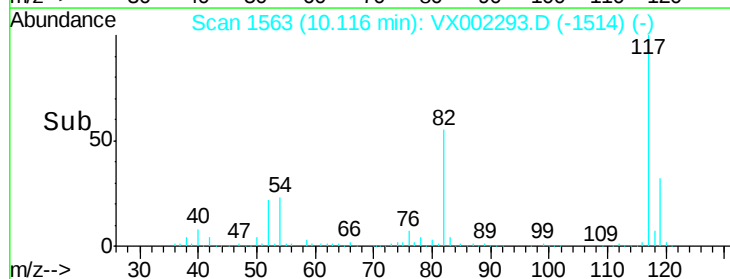
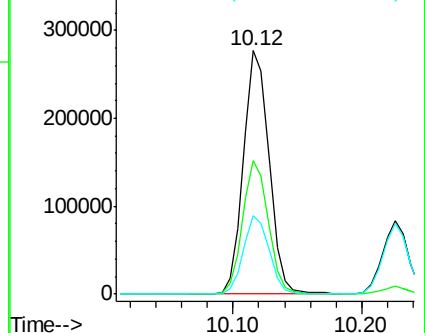
119 32.2 25.8 38.6

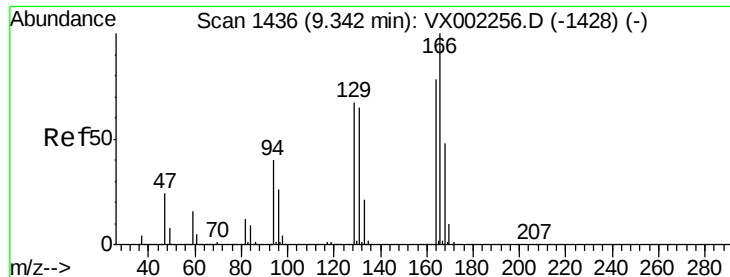


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 48.85 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

Tot Ion:164 Resp: 191906

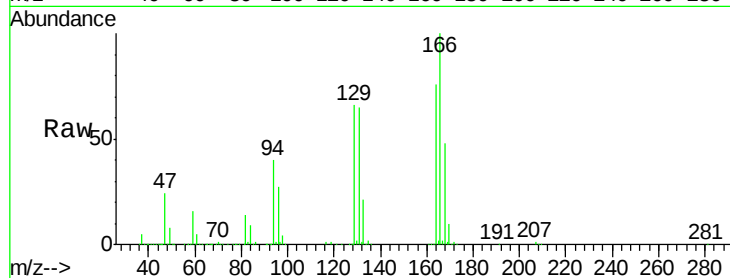
Ion Ratio Lower Upper

164 100

166 132.1 102.9 154.3

129 87.5 68.6 102.8

131 85.7 66.8 100.2

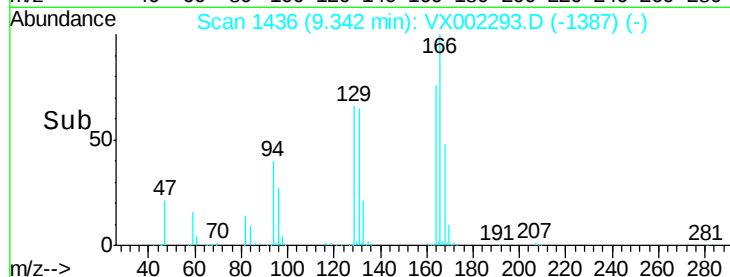


Abundance Ion 163.80 (163.50 to 164.50): V

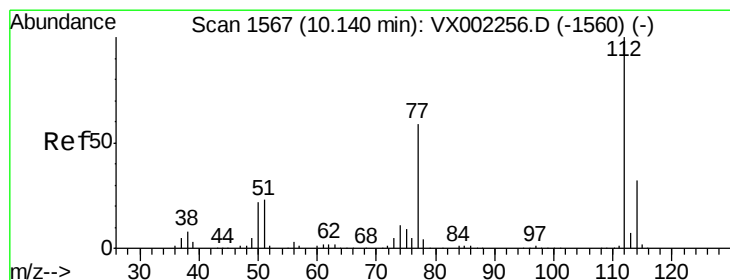
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 49.81 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002293.D

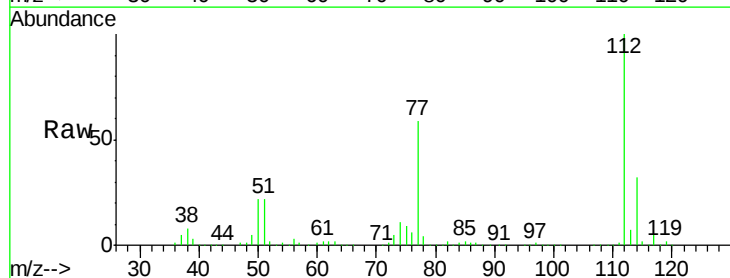
Acq: 05 Jun 2018 06:45

Tgt Ion:112 Resp: 472135

Ion Ratio Lower Upper

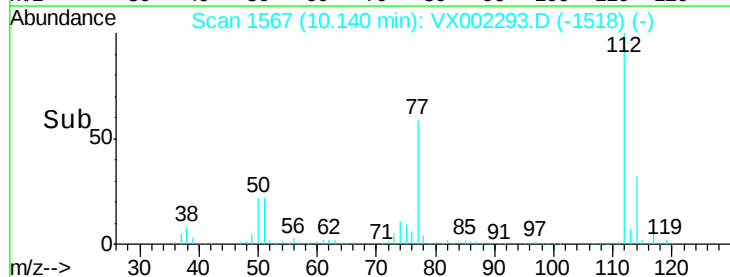
112 100

114 31.9 25.3 37.9

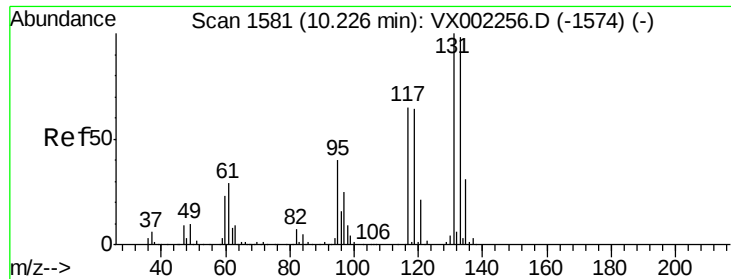


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



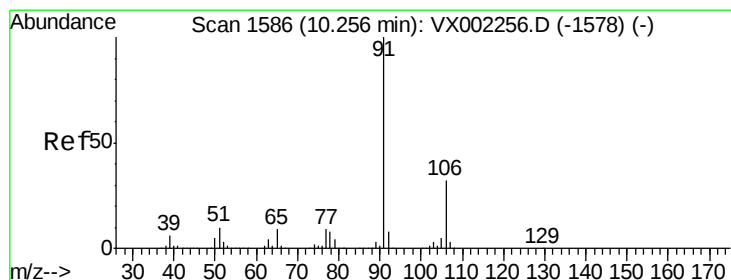
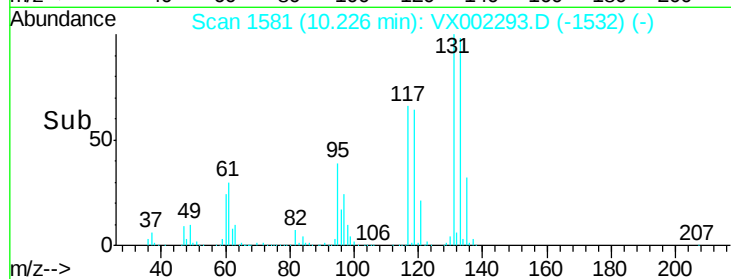
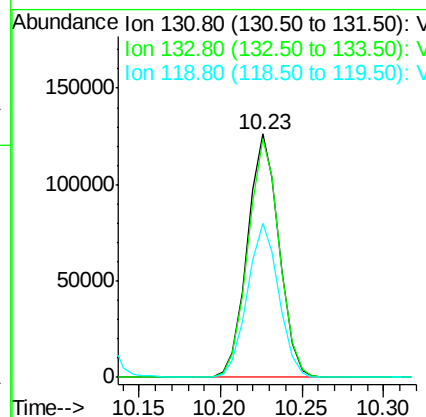
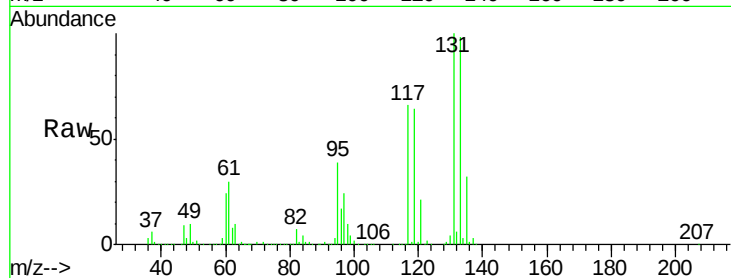
Time-->



#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.55 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

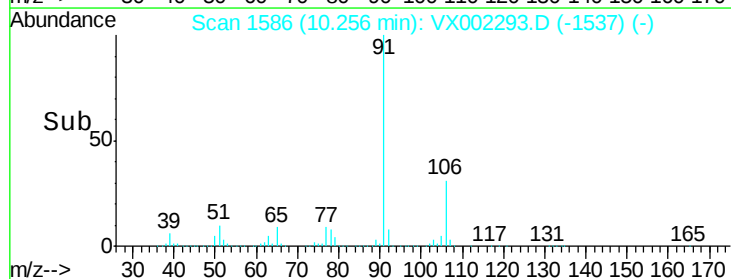
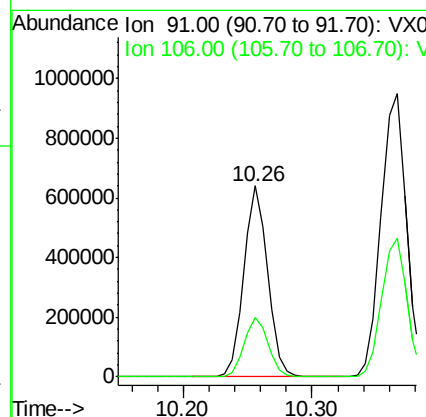
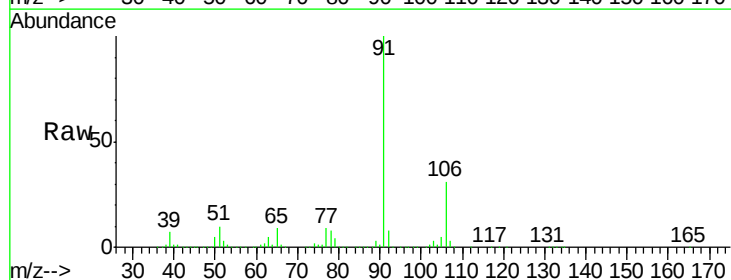
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

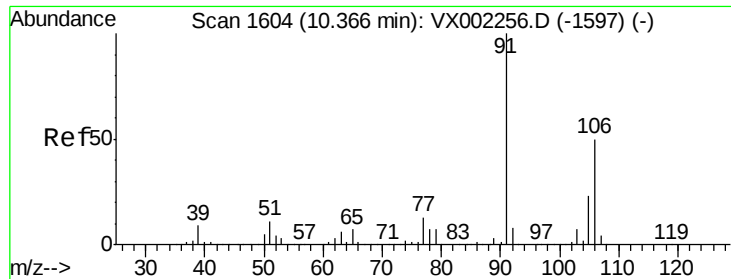
Tot Ion:131 Resp: 170063
 Ion Ratio Lower Upper
 131 100
 133 97.4 47.9 143.6
 119 63.4 31.8 95.3



#67
 Ethyl Benzene
 Concen: 51.51 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 91 Resp: 816998
 Ion Ratio Lower Upper
 91 100
 106 30.8 25.5 38.3

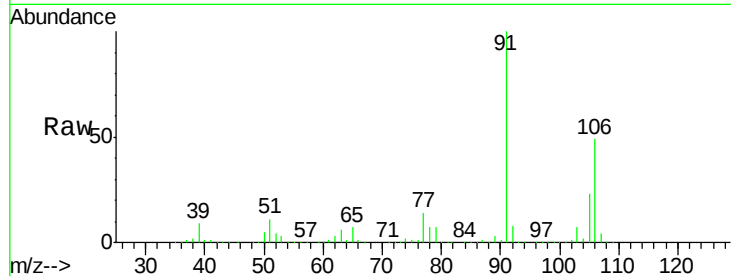




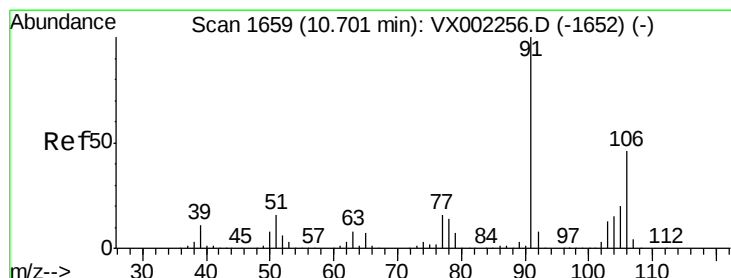
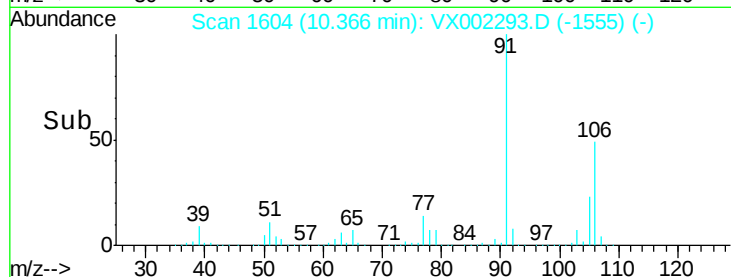
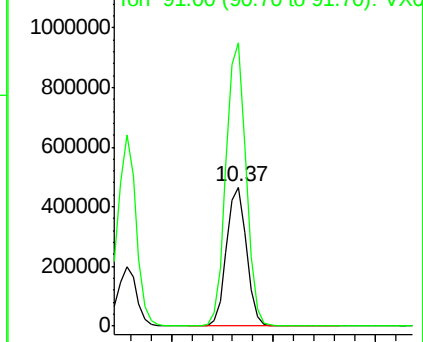
#68
m/p-Xylenes
Concen: 102.58 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

Tot Ion:106 Resp: 632480
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2

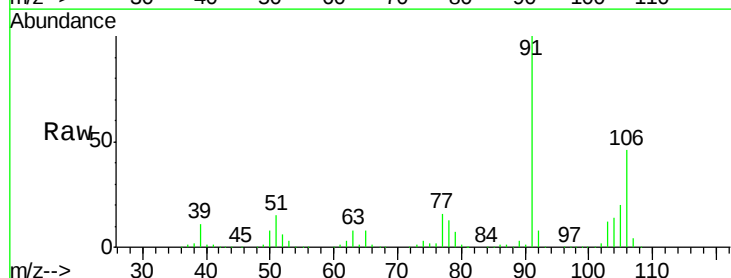


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

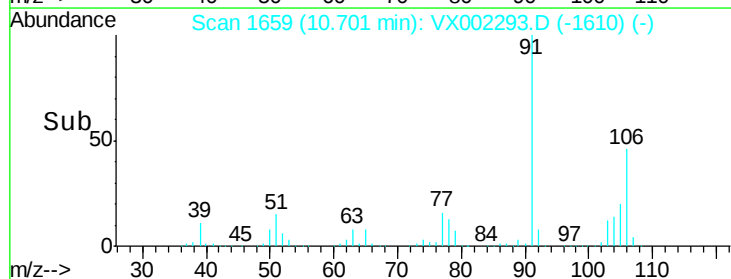
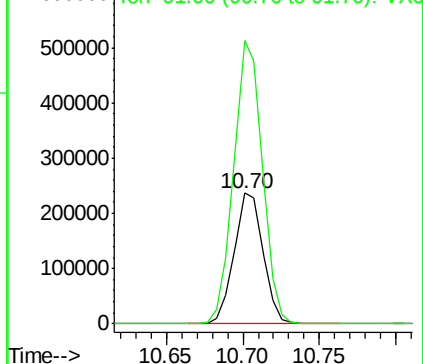


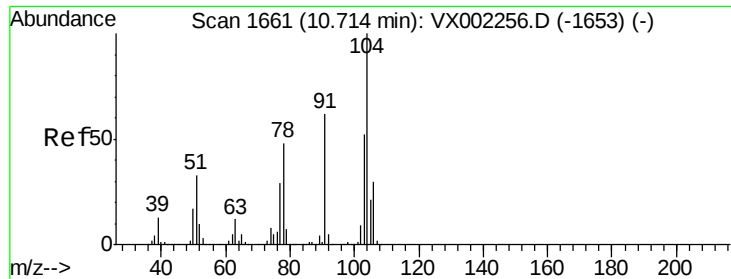
#69
o-Xylene
Concen: 50.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion:106 Resp: 310248
Ion Ratio Lower Upper
106 100
91 215.0 108.2 324.6



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

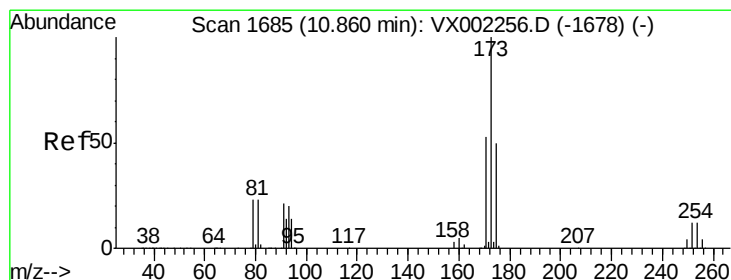
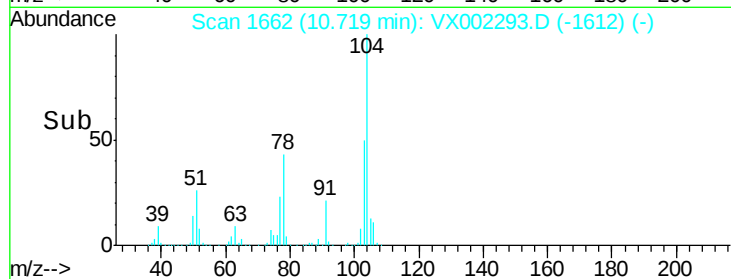
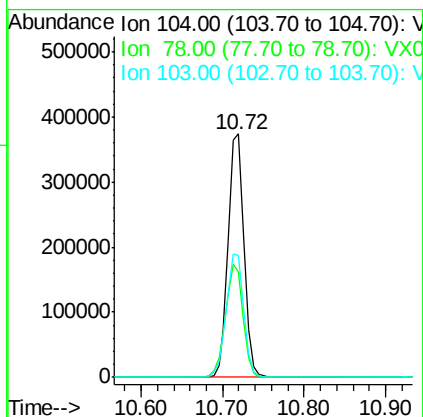
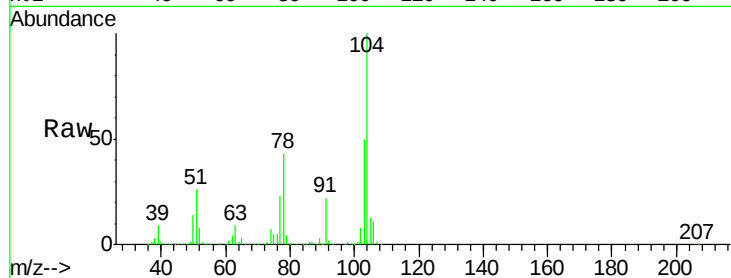




#70
Stvrene
Concen: 49.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

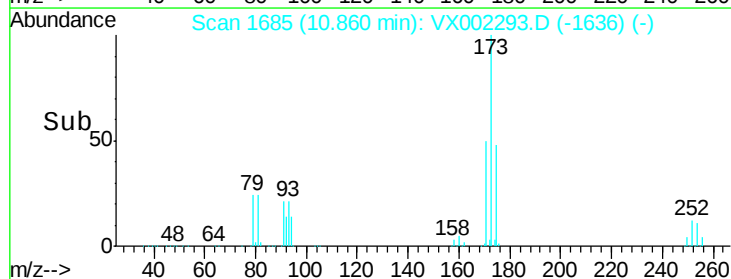
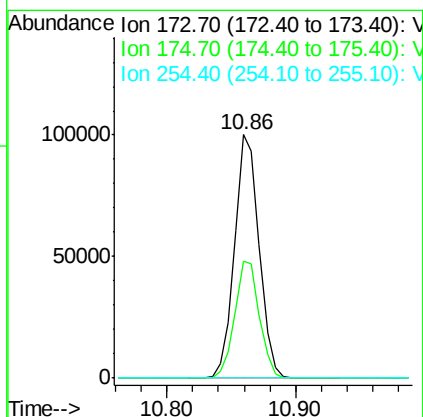
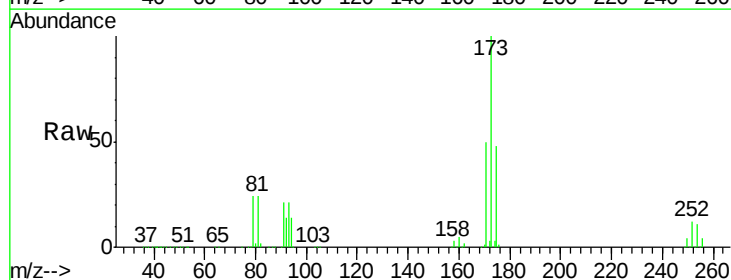
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

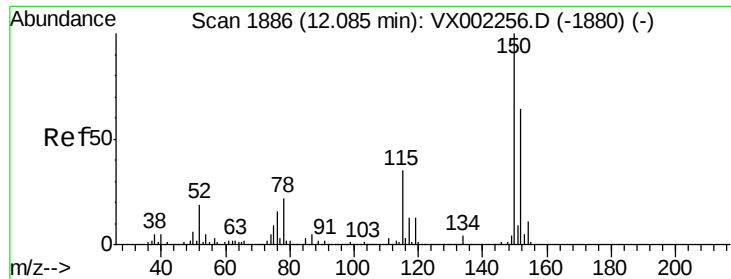
Tot Ion:104 Resp: 499068
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 55.7 44.2 66.4



#71
Bromoform
Concen: 43.70 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion:173 Resp: 132870
Ion Ratio Lower Upper
173 100
175 48.5 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MSD

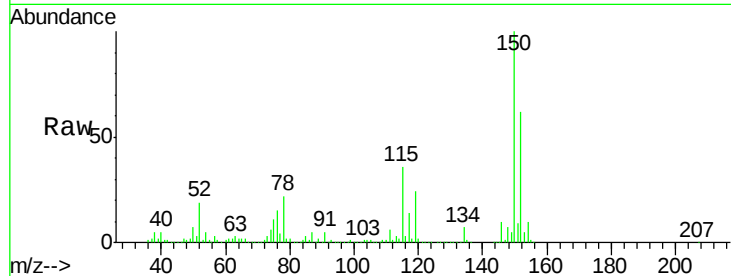
Tot Ion:152 Resp: 244226

Ion Ratio Lower Upper

152 100

115 79.0 40.1 120.2

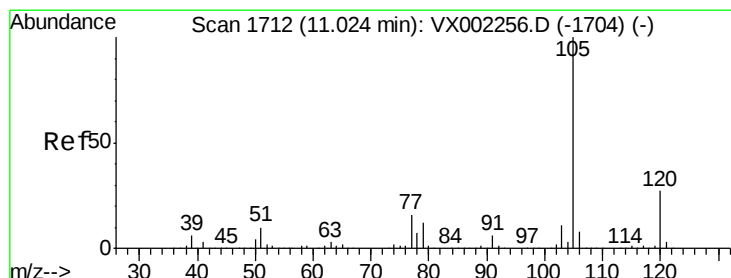
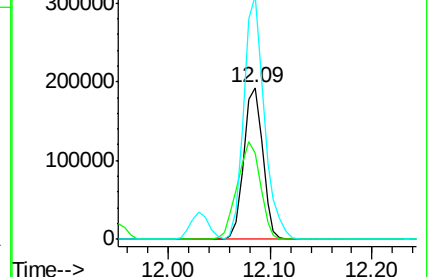
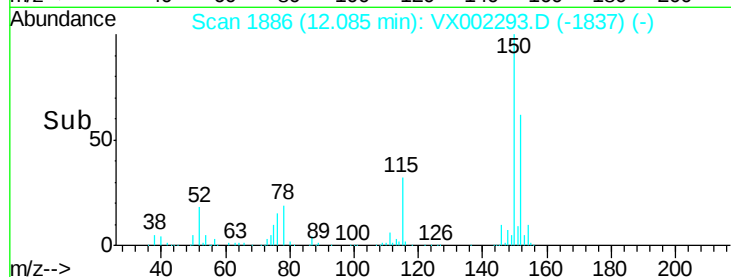
150 173.7 0.0 347.2



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: 49.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002293.D

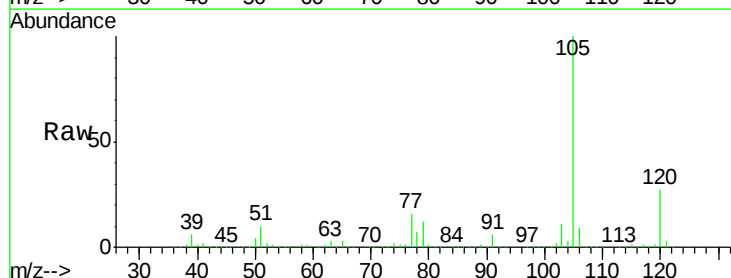
Acq: 05 Jun 2018 06:45

Tgt Ion:105 Resp: 839719

Ion Ratio Lower Upper

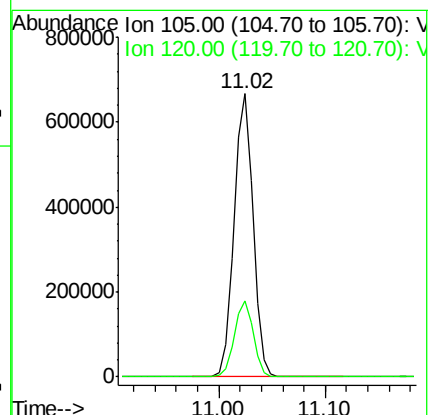
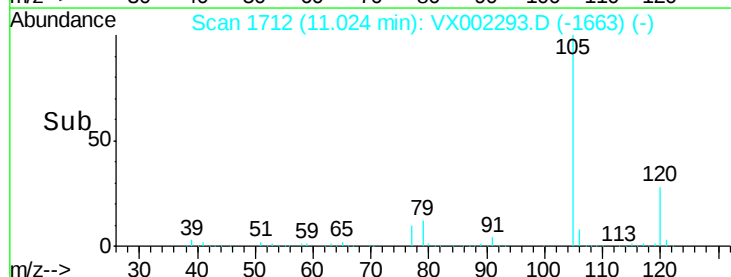
105 100

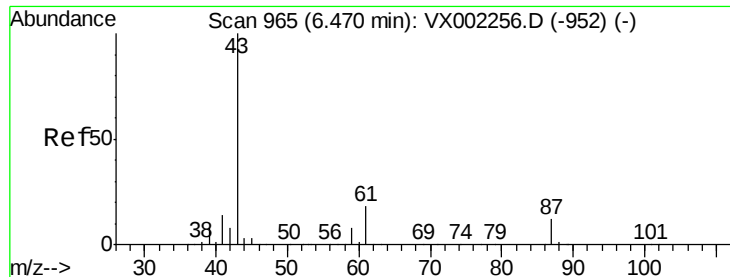
120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.54 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

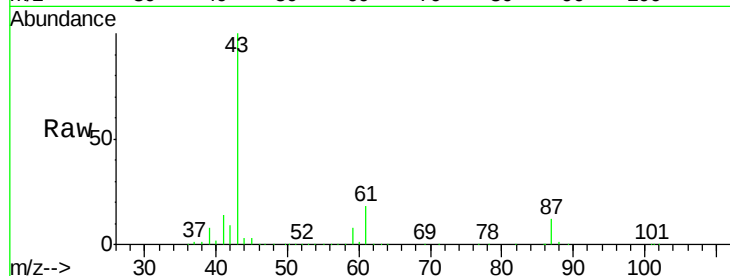
ClientSampleId :

SS052MW750-180531MSD

Tot Ion: 43 Resp: 380237

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	17.8	14.4	21.6

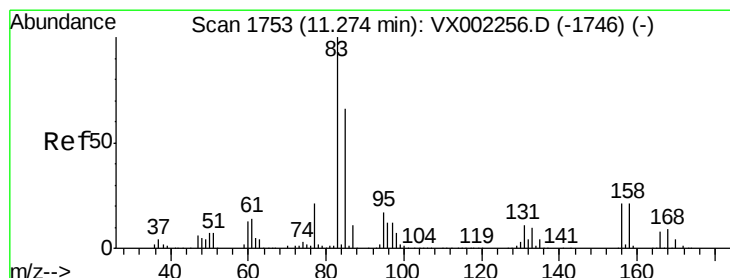
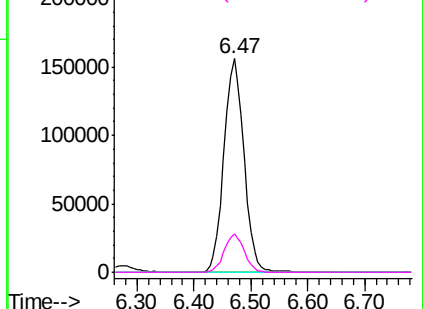
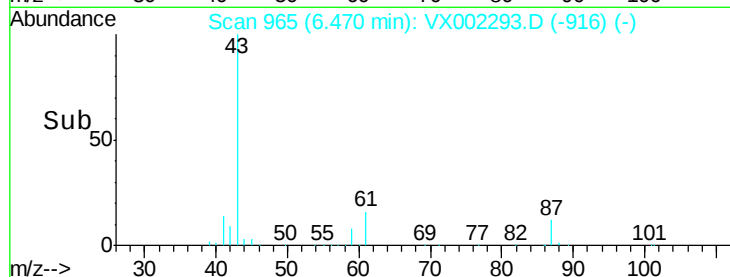


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

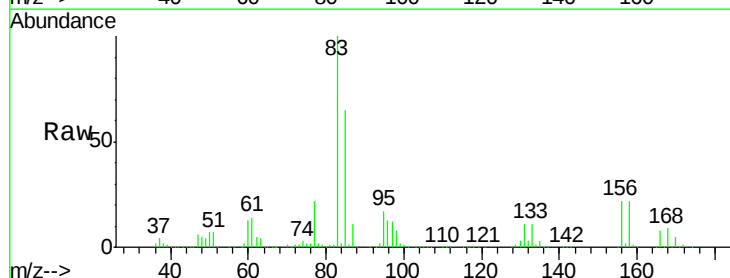
Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Tgt Ion: 83 Resp: 245033

Ion Ratio Lower Upper

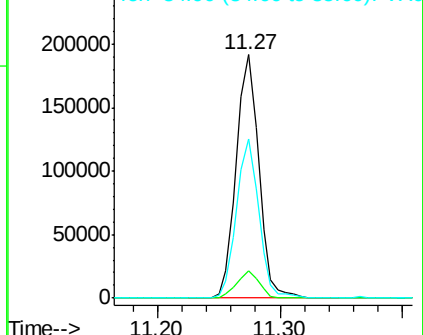
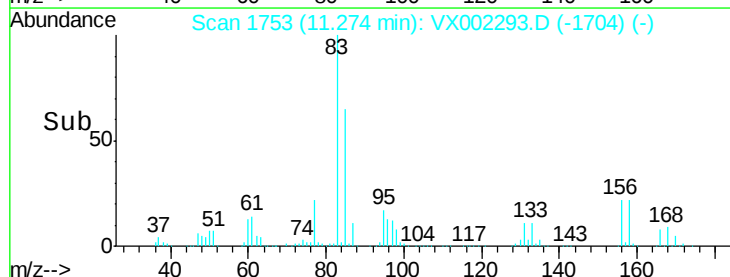
83	100		
131	11.1	5.6	16.8
85	64.5	32.4	97.2

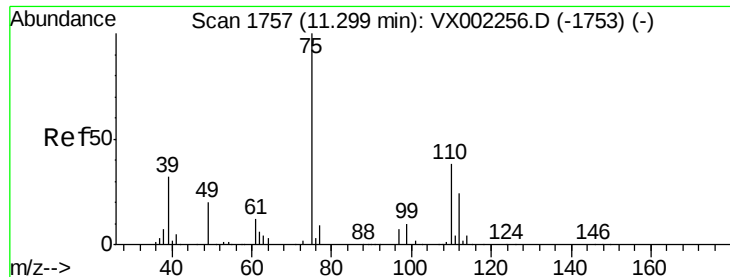


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

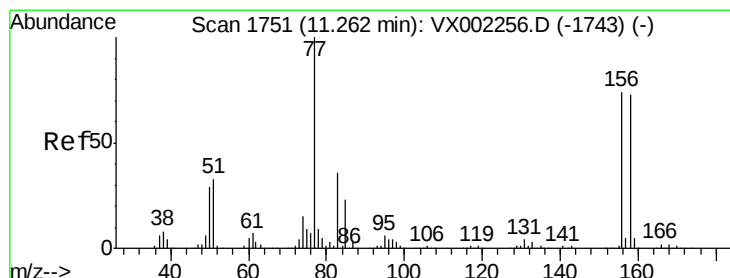
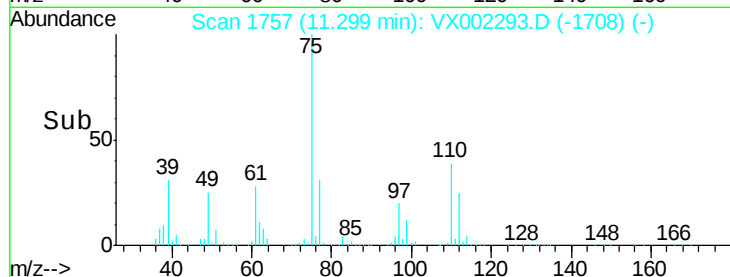
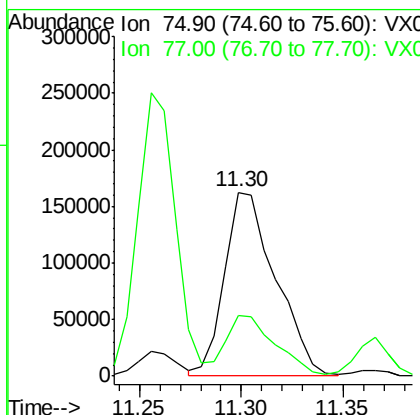
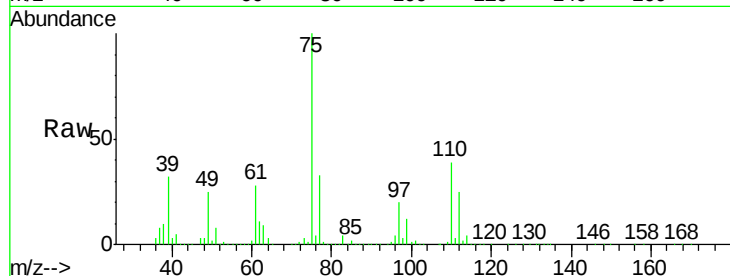




#76
 1,2,3-Trichloropropane
 Concen: 52.68 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

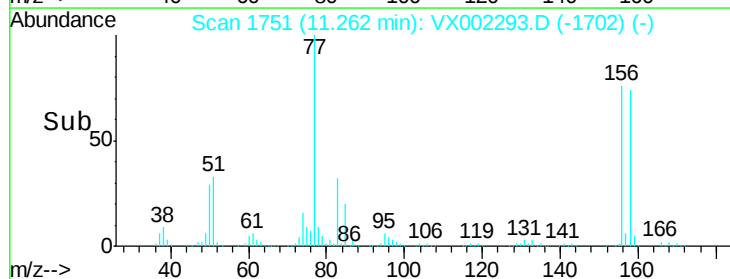
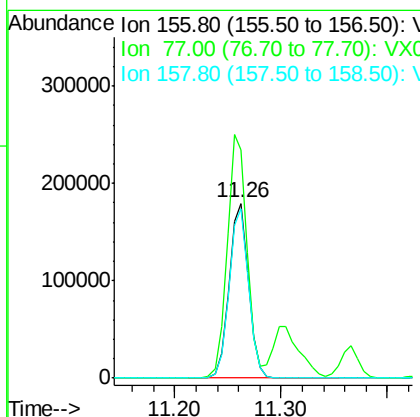
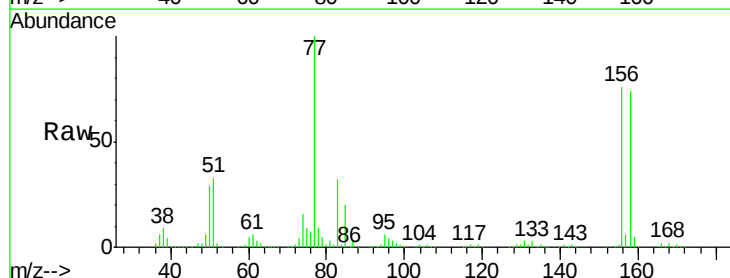
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

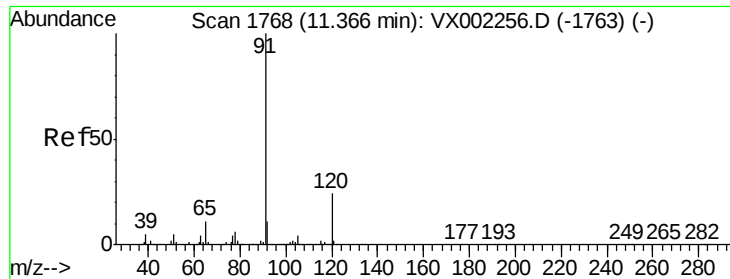
Tot Ion: 75 Resp: 282300
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.8 68.3



#77
 Bromobenzene
 Concen: 48.01 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 156 Resp: 229007
 Ion Ratio Lower Upper
 156 100
 77 140.8 71.4 214.2
 158 96.9 48.9 146.6





#78

n-propylbenzene

Concen: 50.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

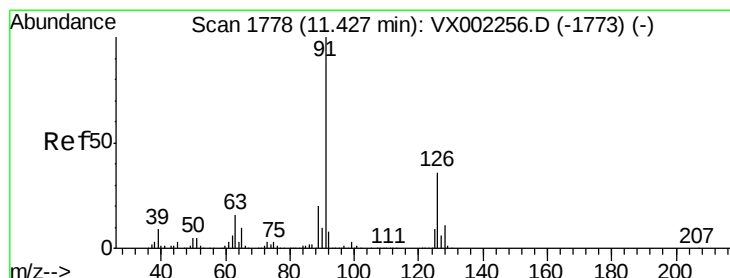
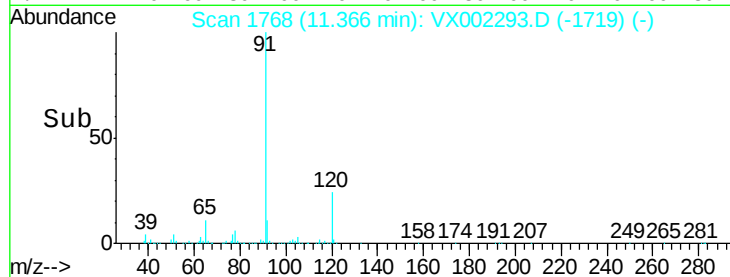
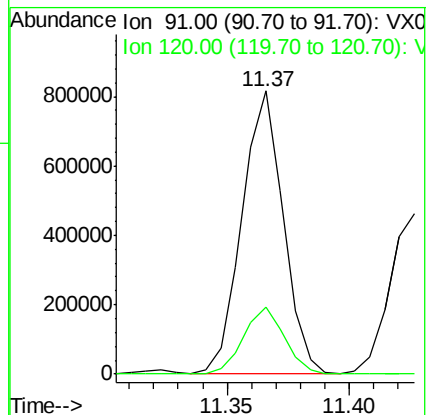
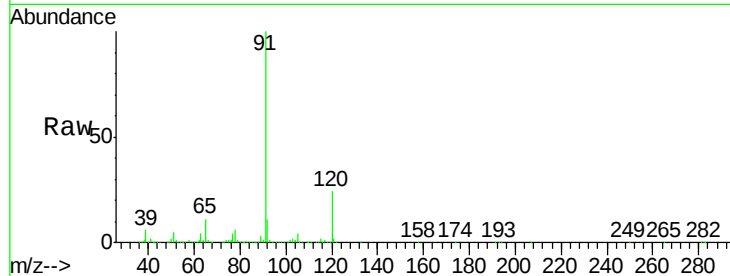
SS052MW750-180531MSD

Tot Ion: 91 Resp: 950670

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4



#79

2-Chlorotoluene

Concen: 48.04 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002293.D

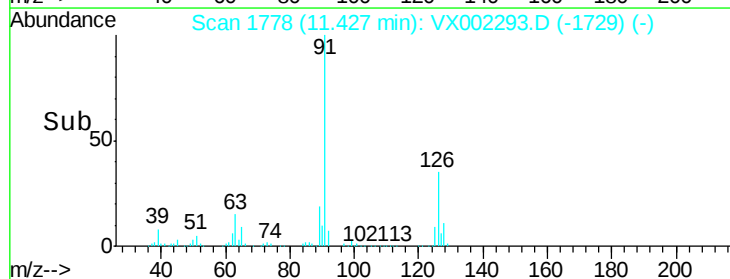
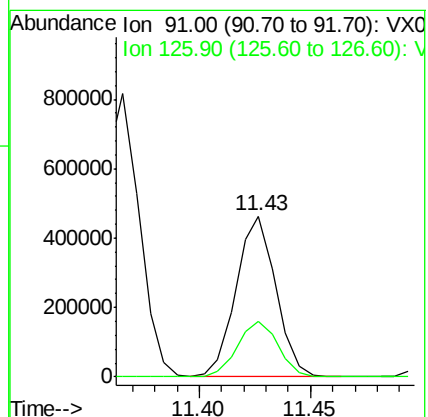
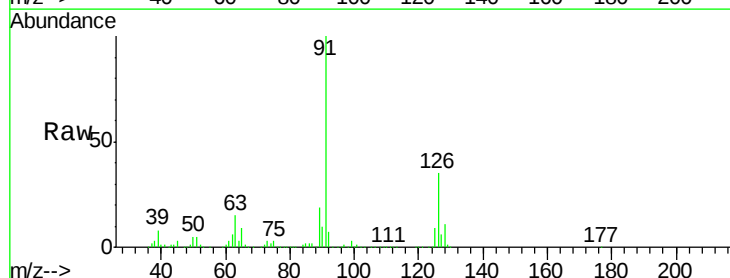
Acq: 05 Jun 2018 06:45

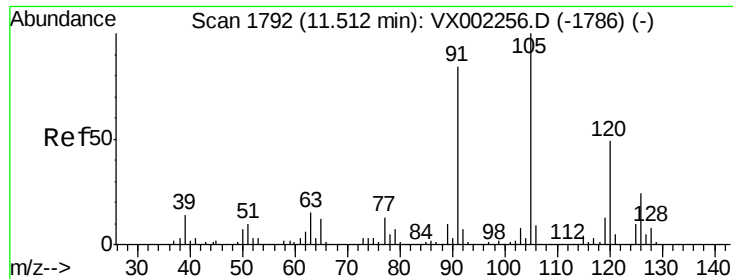
Tgt Ion: 91 Resp: 572861

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1

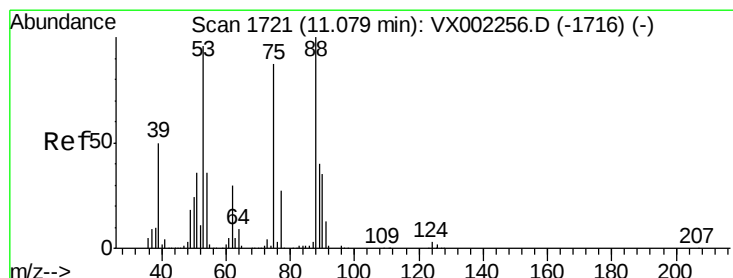
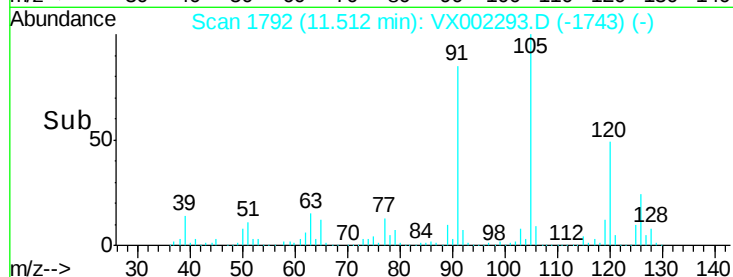
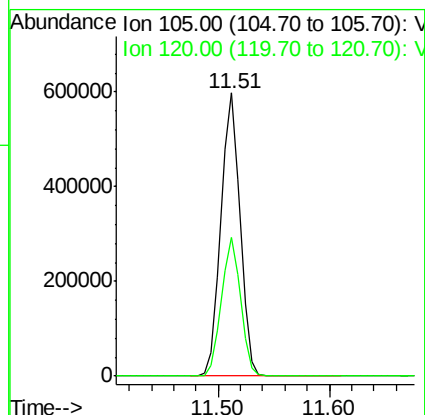
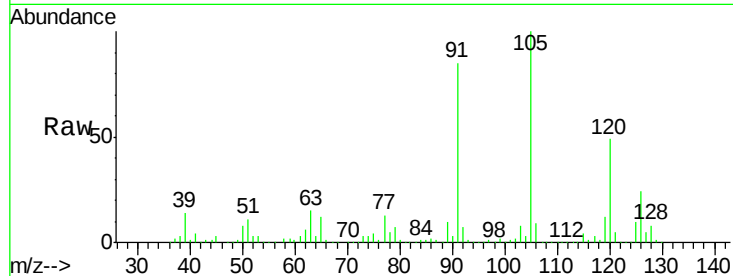




#80
 1,3,5-Trimethylbenzene
 Concen: 48.96 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

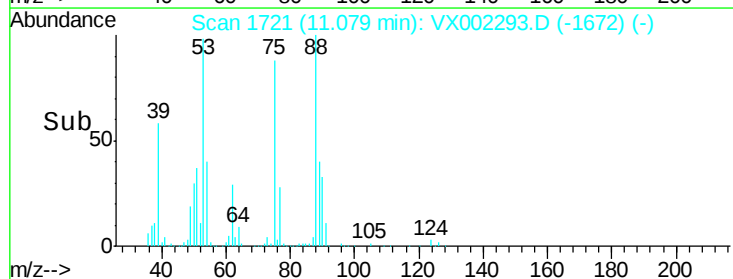
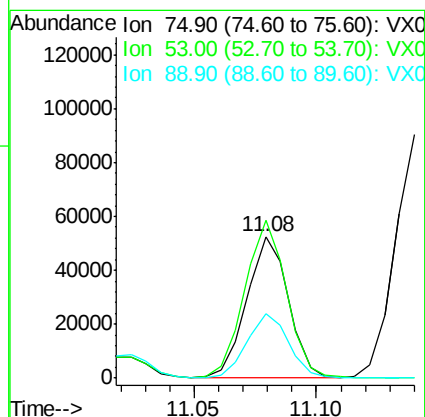
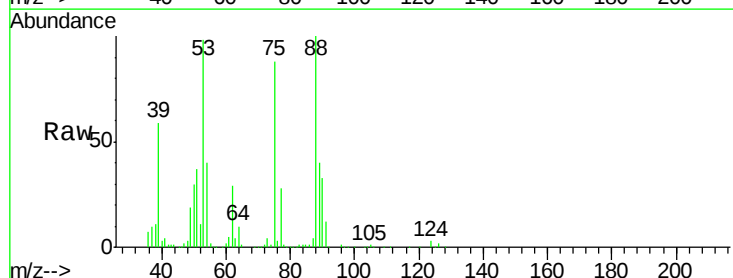
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

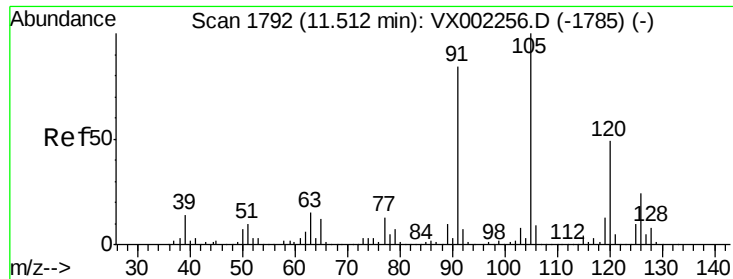
Tot Ion:105 Resp: 713506
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.63 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 75 Resp: 62117
 Ion Ratio Lower Upper
 75 100
 53 111.9 86.8 130.2
 89 45.9 38.2 57.2

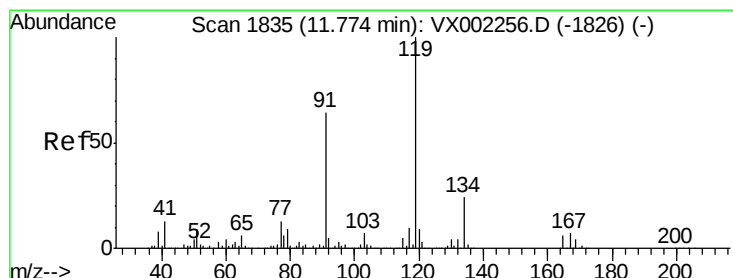
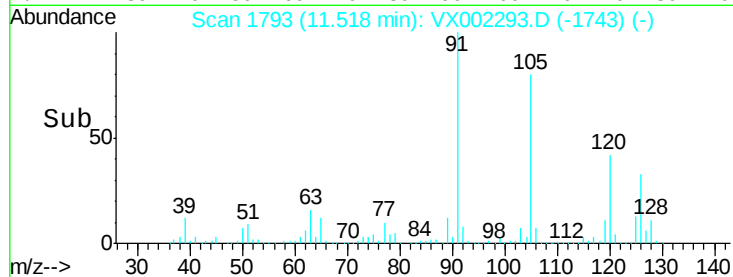
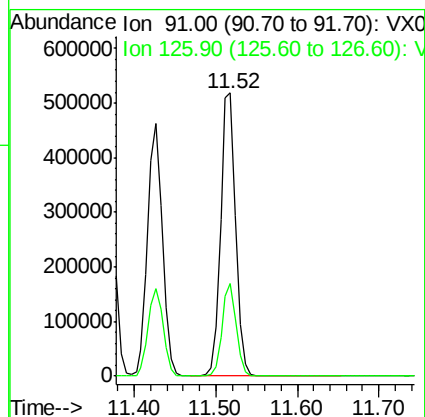
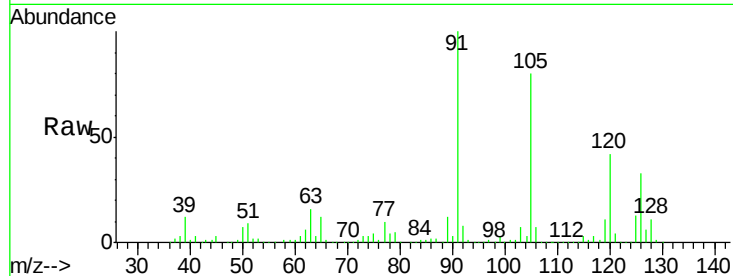




#82
4-Chlorotoluene
Concen: 49.02 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

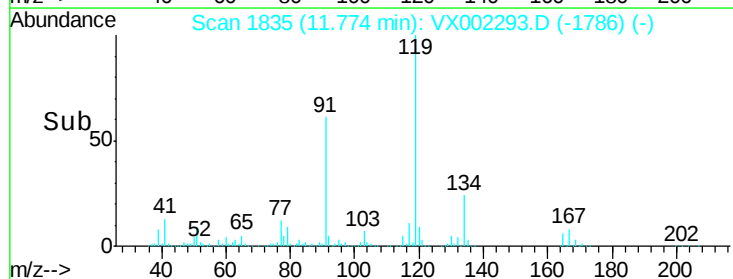
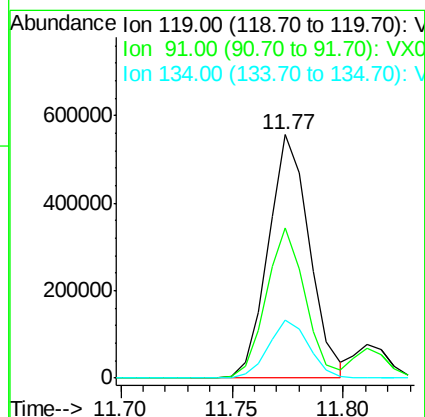
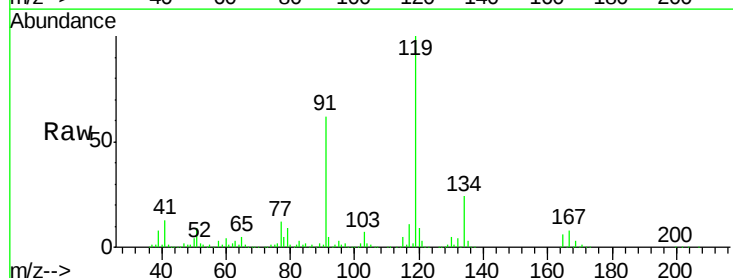
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

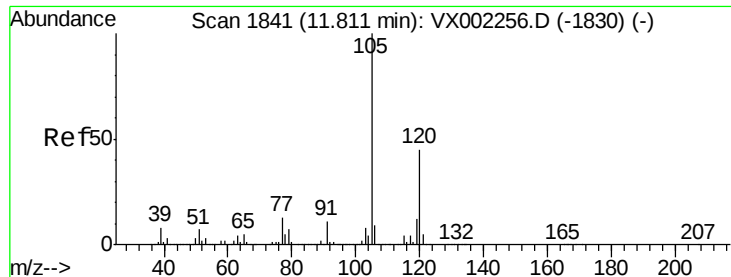
Tot Ion: 91 Resp: 674689
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4



#83
tert-Butylbenzene
Concen: 50.26 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion: 119 Resp: 713262
Ion Ratio Lower Upper
119 100
91 58.7 30.3 90.9
134 23.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 49.47 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

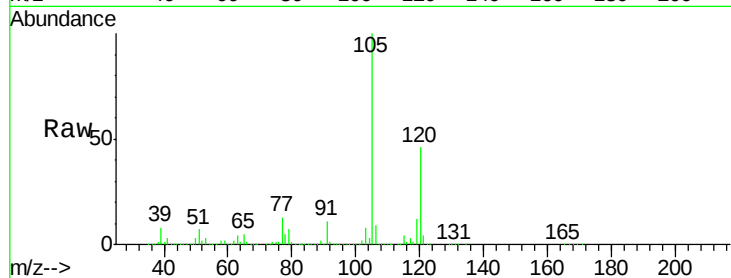
SS052MW750-180531MSD

Tot Ion:105 Resp: 742114

Ion Ratio Lower Upper

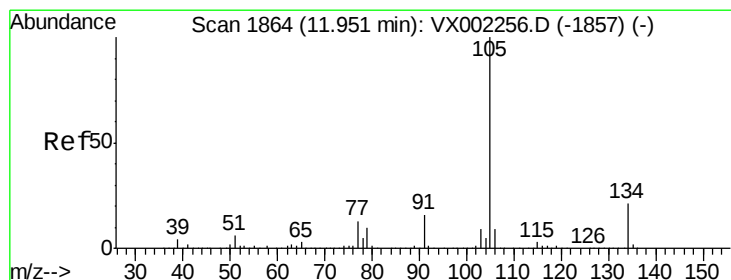
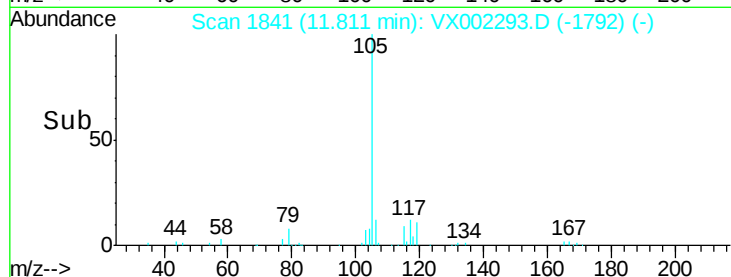
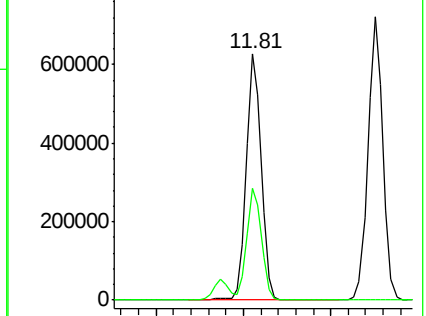
105 100

120 44.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002293.D

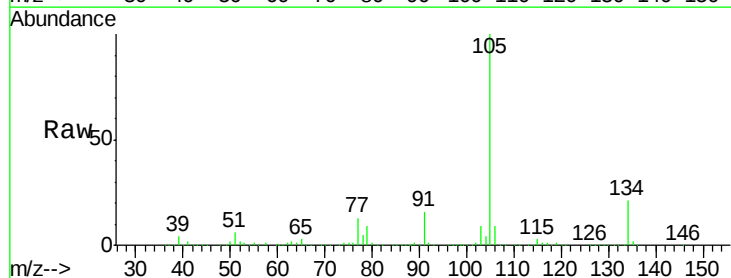
Acq: 05 Jun 2018 06:45

Tgt Ion:105 Resp: 856432

Ion Ratio Lower Upper

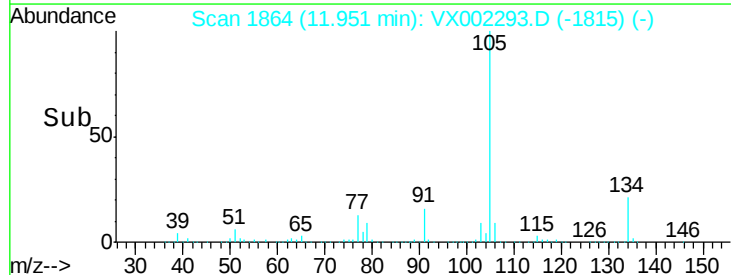
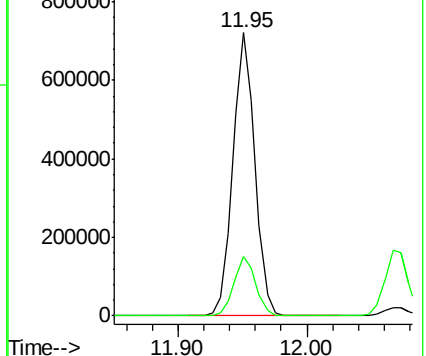
105 100

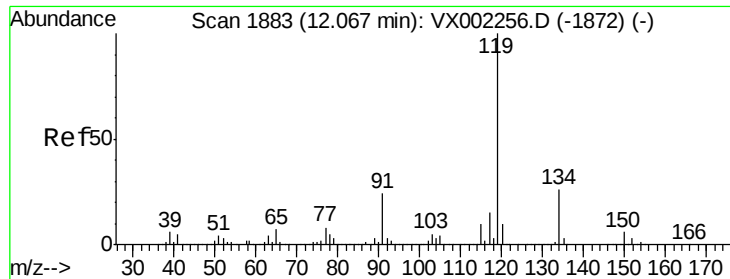
134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

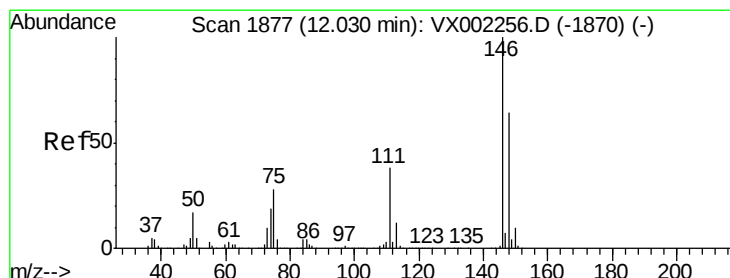
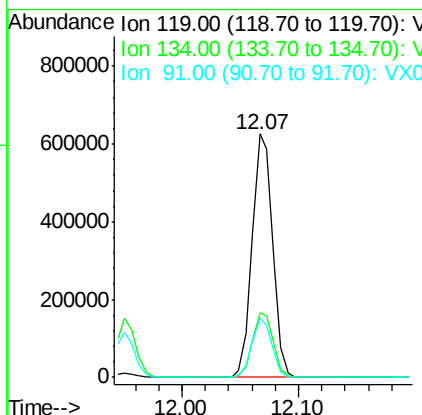
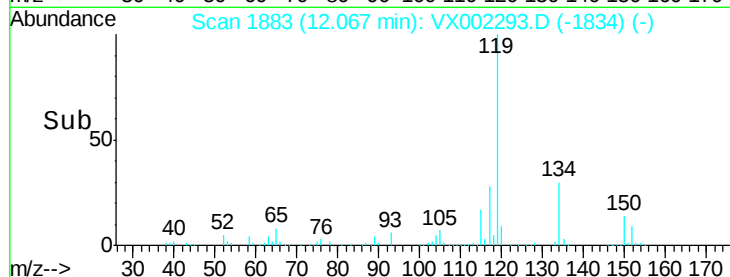
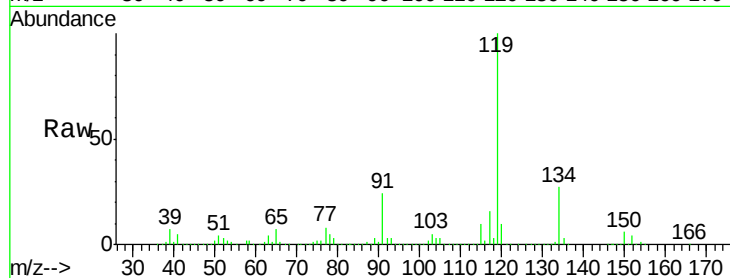




#86
p-Isopropyltoluene
Concen: 50.76 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

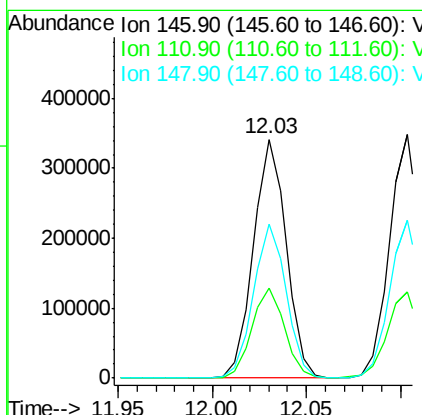
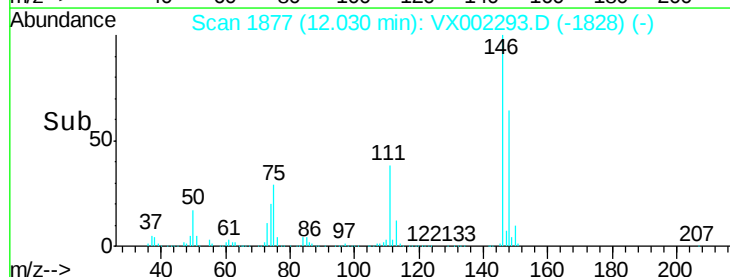
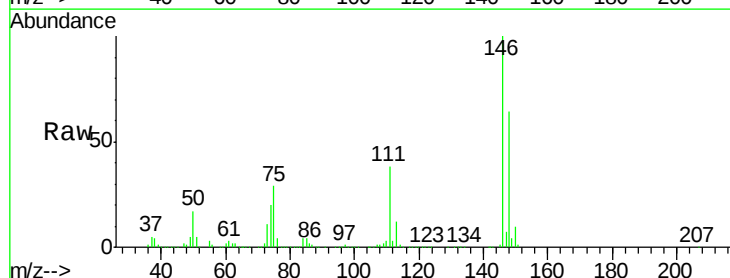
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

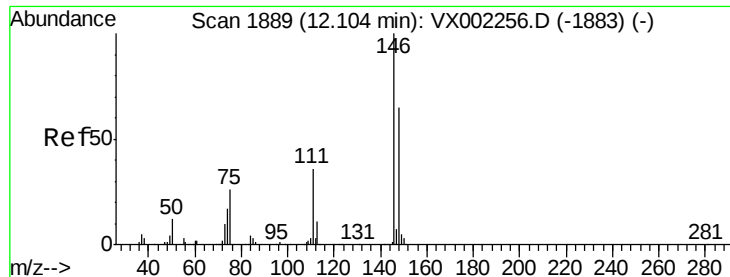
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	23.7	11.9	35.7



#87
1,3-Dichlorobenzene
Concen: 48.41 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.3	32.1	96.3

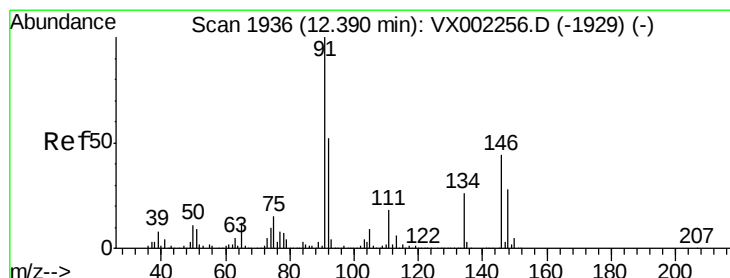
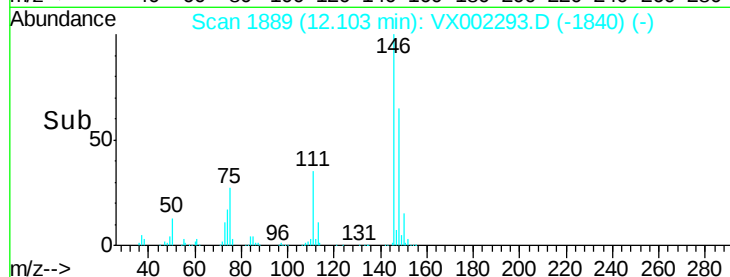
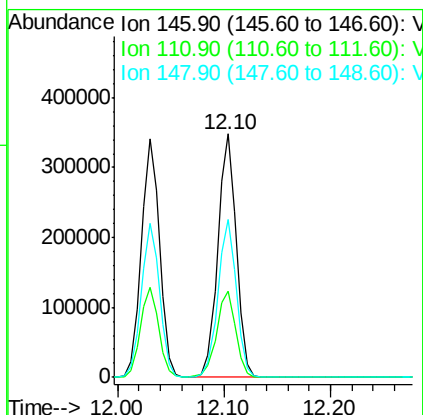
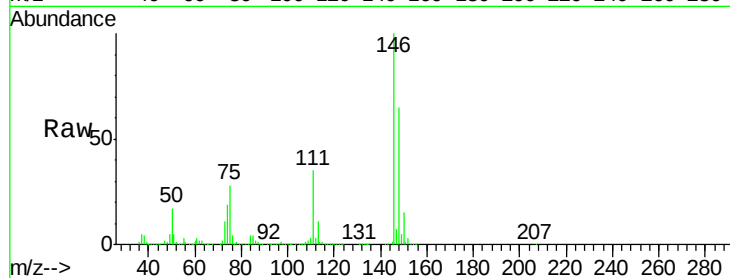




#88
 1,4-Dichlorobenzene
 Concen: 47.55 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

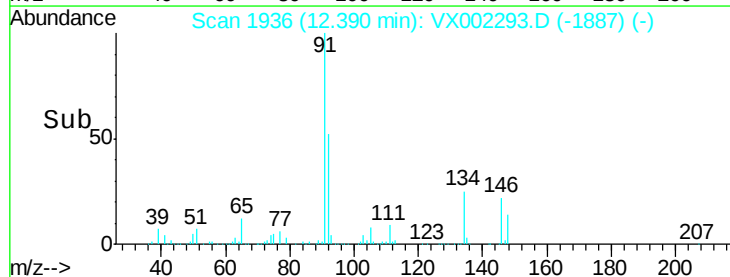
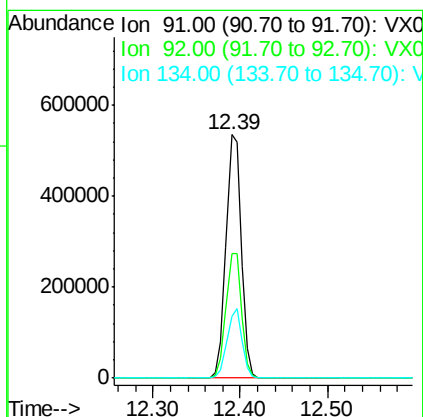
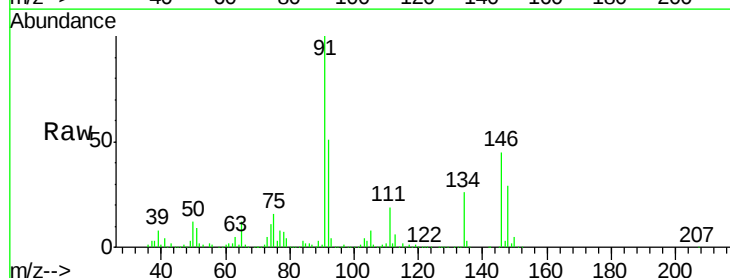
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

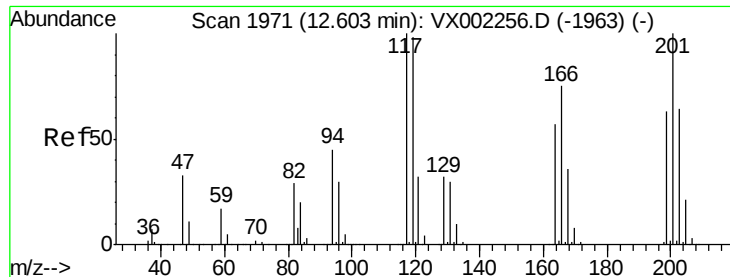
Tot Ion:146 Resp: 417953
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 64.6 32.4 97.0



#89
 n-Butylbenzene
 Concen: 50.77 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 91 Resp: 645260
 Ion Ratio Lower Upper
 91 100
 92 51.9 26.0 78.0
 134 27.4 13.5 40.5





#90

Hexachloroethane

Concen: 49.08 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

Instrument :

MSVOA_X

ClientSampleId :

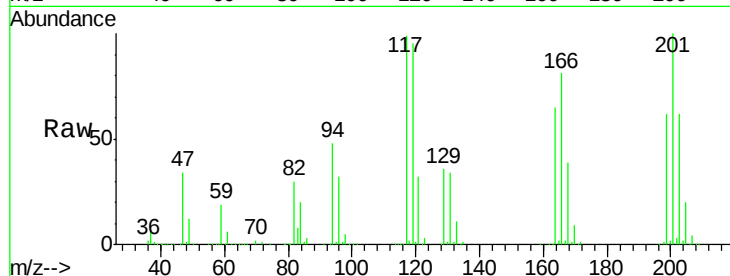
SS052MW750-180531MSD

Tot Ion:117 Resp: 118726

Ion Ratio Lower Upper

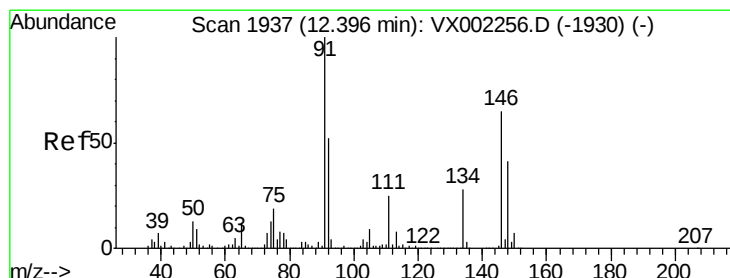
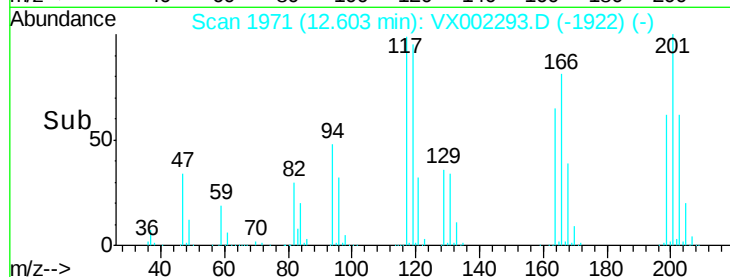
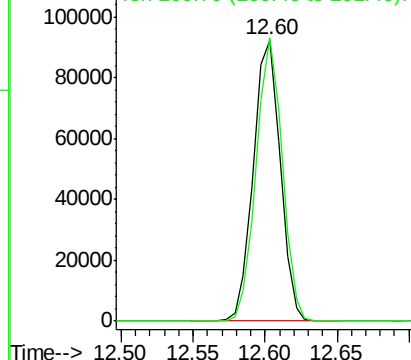
117 100

201 97.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.89 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002293.D

Acq: 05 Jun 2018 06:45

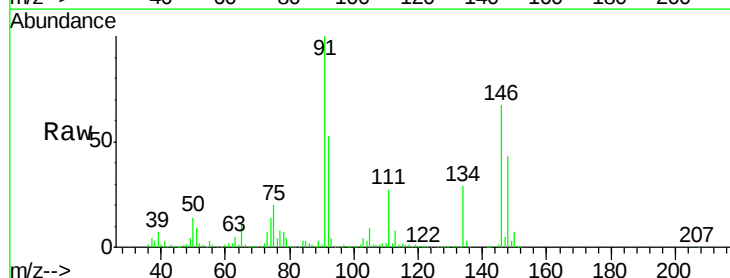
Tgt Ion:146 Resp: 422555

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.1

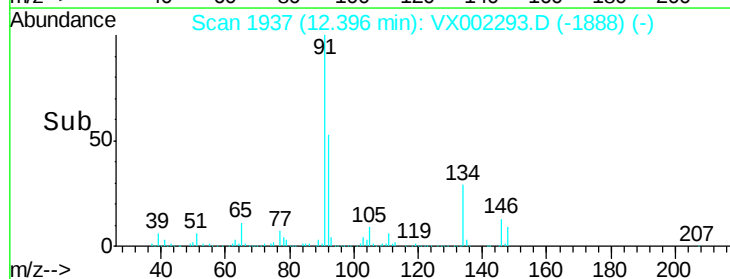
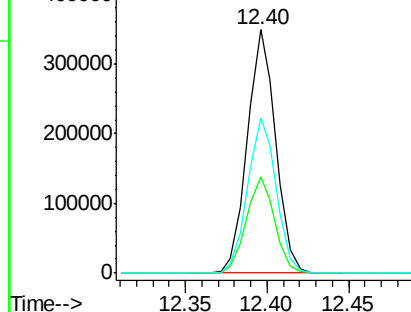
148 64.5 31.7 95.1

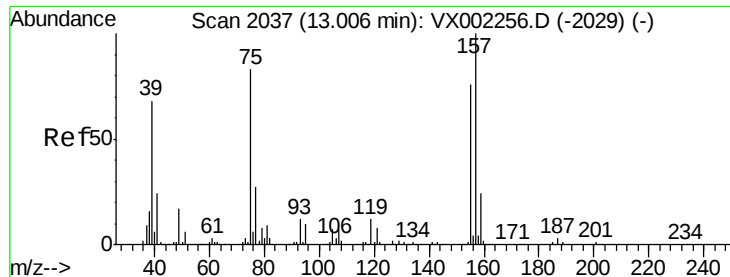


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

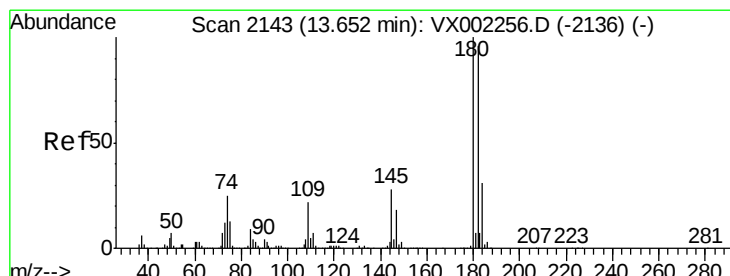
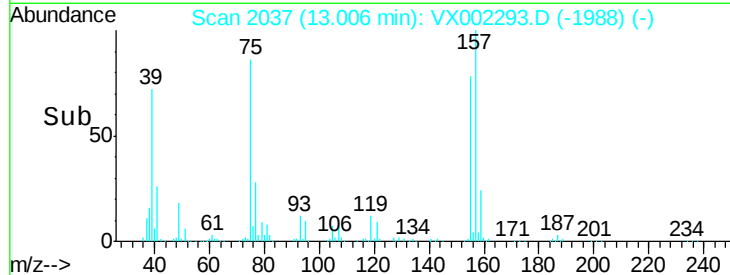
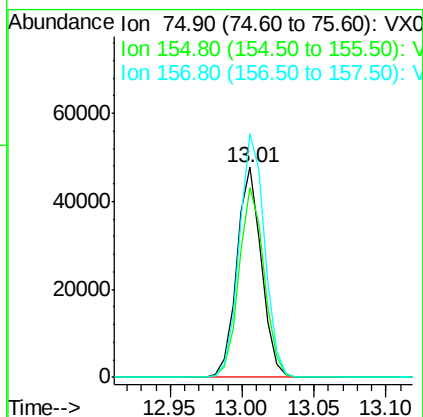
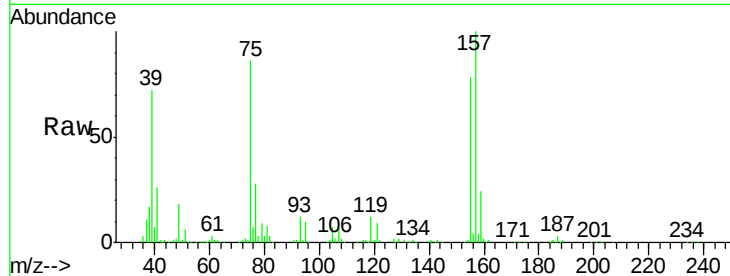




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.55 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

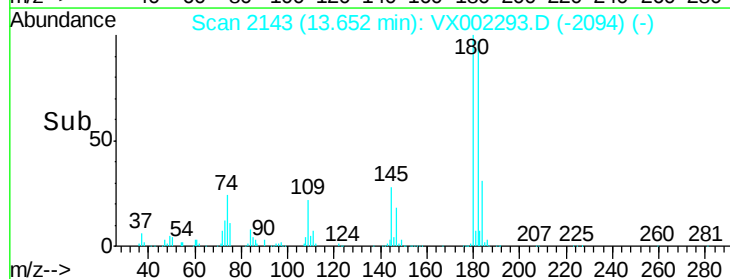
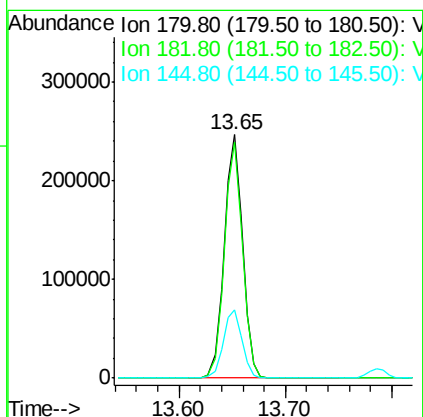
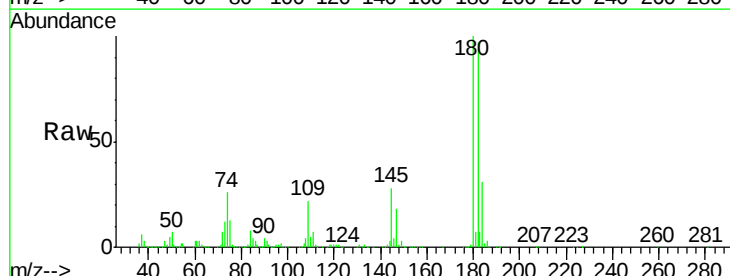
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

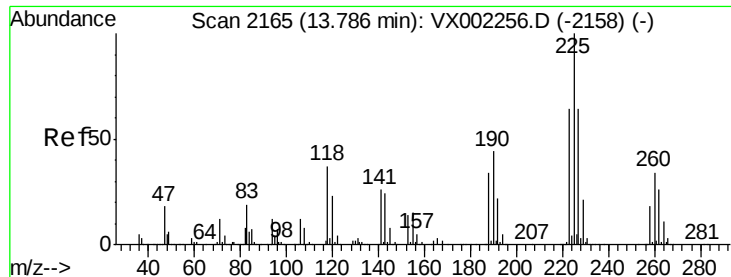
Tot Ion: 75 Resp: 56726
 Ion Ratio Lower Upper
 75 100
 155 91.7 45.8 137.4
 157 119.2 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 48.05 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Tgt Ion: 180 Resp: 297267
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.4 14.1 42.4

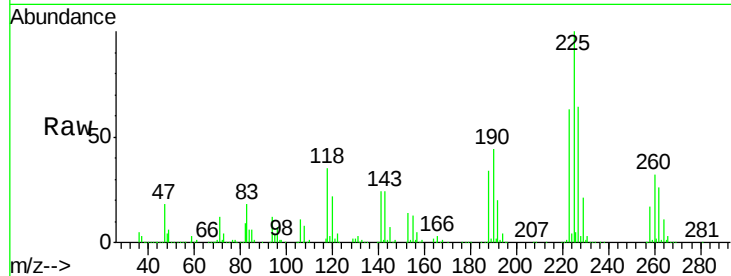




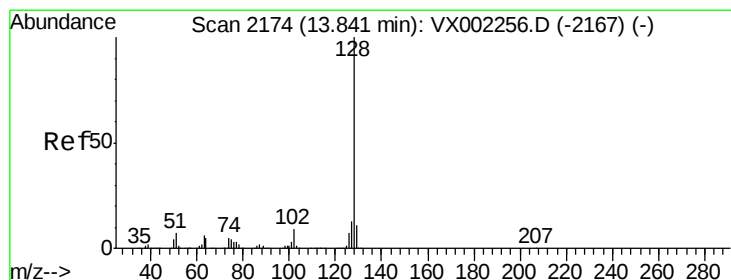
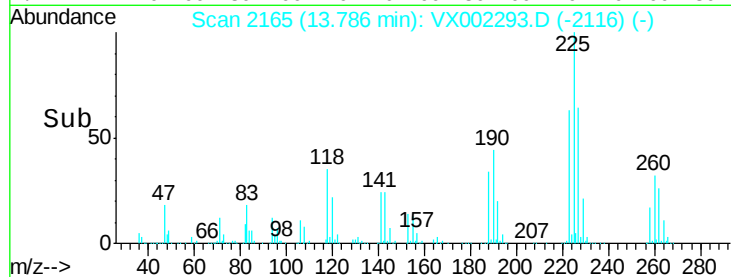
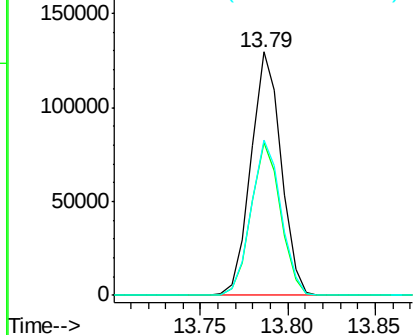
#94
Hexachlorobutadiene
Concen: 50.71 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MSD

Tot Ion:225 Resp: 155033
Ion Ratio Lower Upper
225 100
223 61.6 31.6 95.0
227 63.5 32.4 97.2

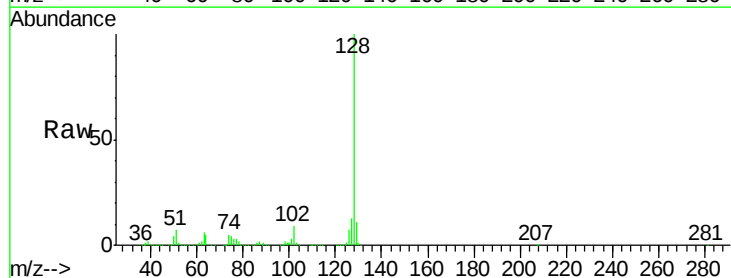


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

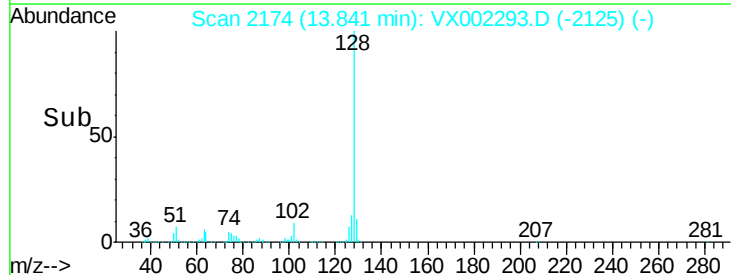
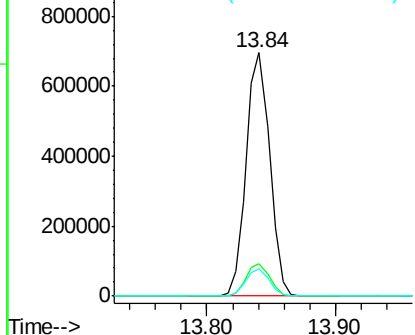


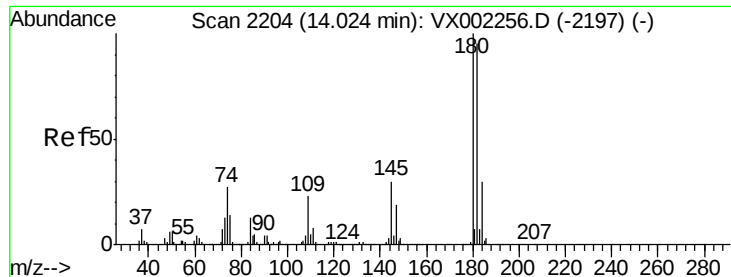
#95
Naphthalene
Concen: 49.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002293.D
Acq: 05 Jun 2018 06:45

Tgt Ion:128 Resp: 873283
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.6 13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 49.35 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002293.D
 Acq: 05 Jun 2018 06:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	29.8	14.8	44.3

