

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056082.D
 Acq On : 7 Jun 2019 7:14
 Operator : JC/SP
 Sample : K3190-17MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

Quant Time: Jun 07 09:20:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	286559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	433068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	390954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	152639	53.65	ug/l	0.00
Spiked Amount						
			Recovery	=	107.30%	
35) Dibromofluoromethane	7.59	113	138197	52.01	ug/l	0.00
Spiked Amount						
			Recovery	=	104.02%	
50) Toluene-d8	10.09	98	521704	51.03	ug/l	0.00
Spiked Amount						
			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	177494	51.05	ug/l	0.00
Spiked Amount						
			Recovery	=	102.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	146770	46.645	ug/l	99
3) Chloromethane	2.06	50	167000	53.761	ug/l	99
4) Vinyl Chloride	2.18	62	166529	53.445	ug/l	99
5) Bromomethane	2.53	94	101013	51.320	ug/l	99
6) Chloroethane	2.68	64	94221	52.154	ug/l	99
7) Trichlorofluoromethane	3.00	101	196623	49.430	ug/l	100
8) Diethyl Ether	3.40	74	82447	50.401	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	114198	47.261	ug/l	100
10) Methyl Iodide	3.94	142	178118	46.386	ug/l	99
11) Tert butyl alcohol	4.81	59	144295	291.421	ug/l	99
12) 1,1-Dichloroethene	3.72	96	125147	52.023	ug/l	97
13) Acrolein	3.60	56	31213	218.574	ug/l	93
14) Allyl chloride	4.31	41	190968	50.273	ug/l	98
15) Acrylonitrile	4.99	53	360613	299.185	ug/l	100
16) Acetone	3.82	43	293411	215.614	ug/l	99
17) Carbon Disulfide	4.04	76	277333	48.149	ug/l	99
18) Methyl Acetate	4.33	43	152925	57.295	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	410123	53.485	ug/l	98
20) Methylene Chloride	4.54	84	148091	52.822	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	133134	51.652	ug/l	97
22) Diisopropyl ether	5.95	45	420109	53.502	ug/l	99
23) Vinyl Acetate	5.90	43	1704567	275.656	ug/l	100
24) 1,1-Dichloroethane	5.84	63	240914	53.188	ug/l	99
25) 2-Butanone	6.84	43	471627	274.306	ug/l	100
26) 2,2-Dichloropropane	6.82	77	97735	27.652	ug/l	93
27) cis-1,2-Dichloroethene	6.82	96	159439	52.623	ug/l	93
28) Bromochloromethane	7.19	49	116409	54.346	ug/l	97
29) Tetrahydrofuran	7.22	42	314360	295.786	ug/l	99
30) Chloroform	7.37	83	241689	53.042	ug/l	99
31) Cyclohexane	7.65	56	207644	45.991	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	197819	51.989	ug/l	99
36) 1,1-Dichloropropene	7.79	75	177217	47.591	ug/l	99
37) Ethyl Acetate	6.93	43	184869	55.797	ug/l	99
38) Carbon Tetrachloride	7.77	117	165395	48.176	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	196414	42.342	ug/l	99
40) Benzene	8.04	78	572195	50.592	ug/l	100
41) Methacrylonitrile	7.18	41	89270	58.560	ug/l	97
42) 1,2-Dichloroethane	8.12	62	182427	50.145	ug/l	99
43) Isopropyl Acetate	8.17	43	283610	52.823	ug/l	93
44) Trichloroethene	8.83	130	160626	49.425	ug/l	99
45) 1,2-Dichloropropane	9.12	63	149033	51.445	ug/l	99
46) Dibromomethane	9.21	93	97676	51.560	ug/l	98
47) Bromodichloromethane	9.40	83	176105	51.291	ug/l	99
48) Methyl methacrylate	9.20	41	144206	54.900	ug/l	96
49) 1,4-Dioxane	9.20	88	62134	1095.702	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	931383	277.401	ug/l	99
52) Toluene	10.15	92	358534	50.944	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	168859	42.334	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	197200	47.783	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	146509	52.554	ug/l	99
56) Ethyl methacrylate	10.43	69	223082	54.851	ug/l	98
57) 1,3-Dichloropropane	10.71	76	236572	52.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.73	63	1054	15.489	ug/l #	46
59) 2-Hexanone	10.75	43	656856	269.927	ug/l	99
60) Dibromochloromethane	10.90	129	144578	47.169	ug/l	100
61) 1,2-Dibromoethane	11.00	107	152190	53.401	ug/l	100
64) Tetrachloroethene	10.63	164	150965	44.610	ug/l	98
65) Chlorobenzene	11.43	112	387320	49.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	138071	51.392	ug/l	100
67) Ethyl Benzene	11.51	91	662412	48.961	ug/l	98
68) m/p-Xylenes	11.62	106	512612	99.182	ug/l	98
69) o-Xylene	11.95	106	252794	49.724	ug/l	99
70) Styrene	11.96	104	421766	52.214	ug/l	100
71) Bromoform	12.13	173	102412	45.656	ug/l #	100
73) Isopropylbenzene	12.25	105	655155	52.764	ug/l	100
74) N-amyl acetate	12.07	43	235636	50.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202404	49.925	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	227573	70.819	ug/l #	100
77) Bromobenzene	12.52	156	179706	48.063	ug/l	97
78) n-propylbenzene	12.59	91	698191	47.257	ug/l	99
79) 2-Chlorotoluene	12.67	91	430090	52.604	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	541792	46.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39591	41.029	ug/l	89
82) 4-Chlorotoluene	12.77	91	416418	48.176	ug/l	100
83) tert-Butylbenzene	12.99	119	478665	52.686	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	530945	47.683	ug/l	99
85) sec-Butylbenzene	13.17	105	603530	46.127	ug/l	100
86) p-Isopropyltoluene	13.29	119	546891	46.704	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286454	49.501	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	274790	49.363	ug/l	100
89) n-Butylbenzene	13.61	91	399648	46.072	ug/l	100
90) Hexachloroethane	13.87	117	82495	46.715	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	285352	48.841	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31882	54.982	ug/l	98

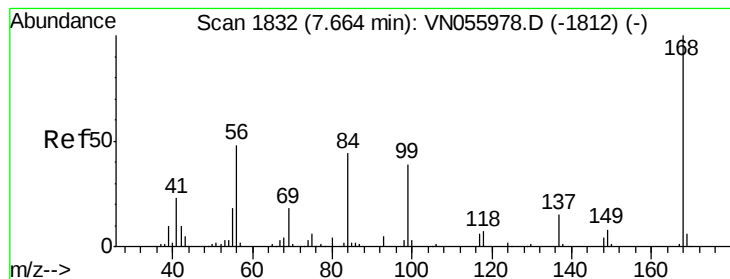
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136630	43.083	ug/l	99
94) Hexachlorobutadiene	15.01	225	94186	46.872	ug/l	99
95) Naphthalene	15.13	128	389522	46.892	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	153802	47.064	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

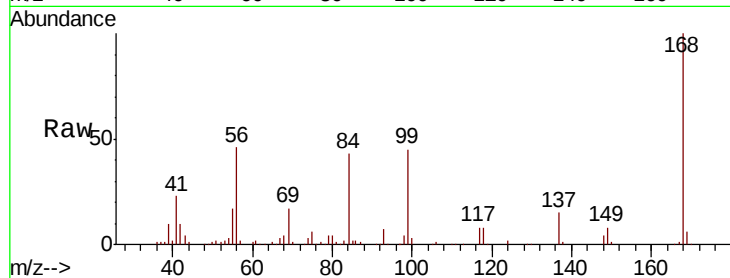
BPS1-TT-MW304S-30190604MSD

Tot Ion:168 Resp: 286559

Ion Ratio Lower Upper

168 100

99 44.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

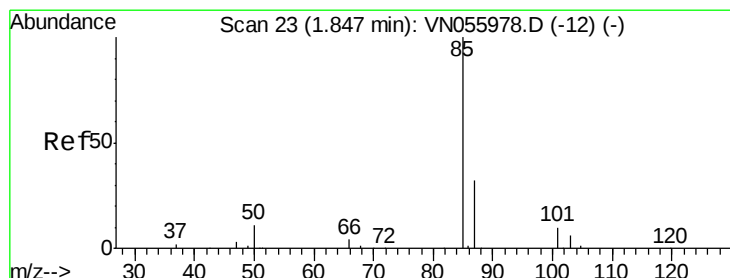
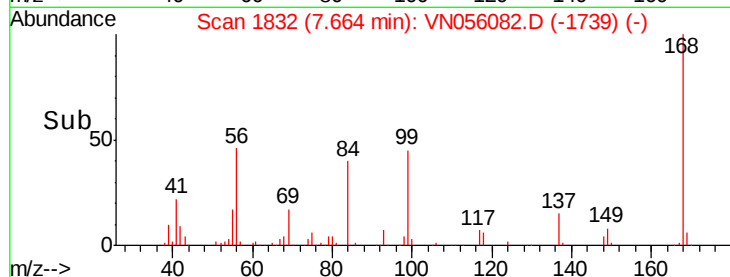
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.645 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056082.D

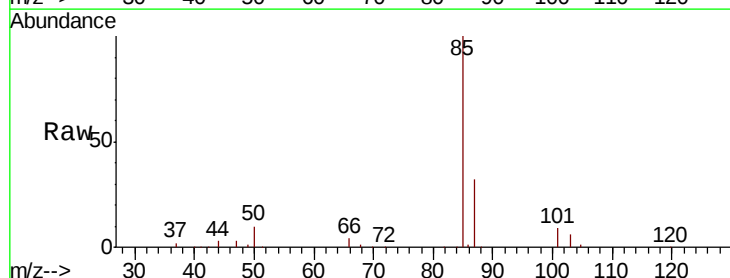
Acq: 7 Jun 2019 7:14

Tgt Ion: 85 Resp: 146770

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

100000

80000

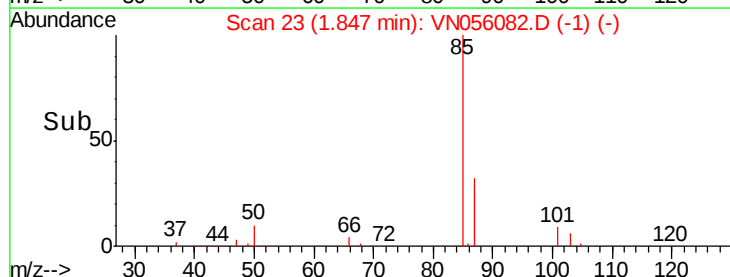
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20000

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Time-->

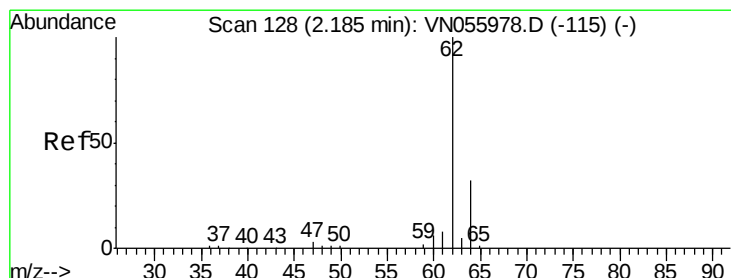
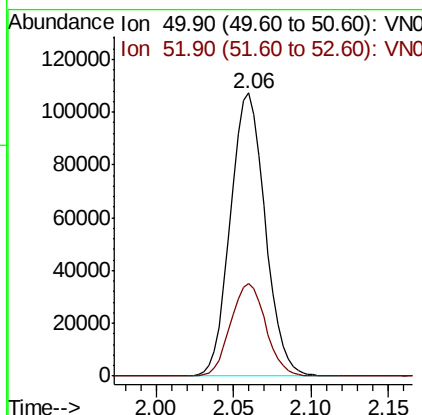
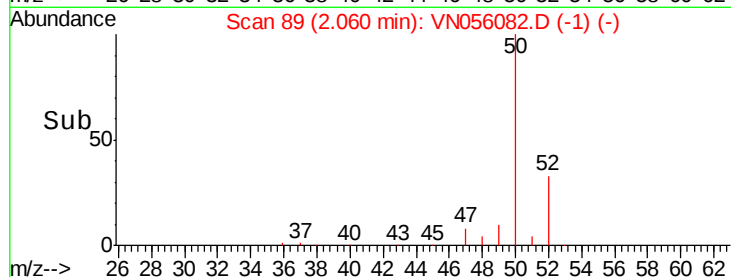
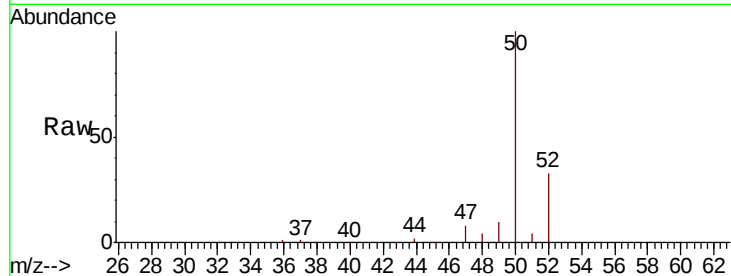




#3
 Chloromethane
 Concen: 53.761 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

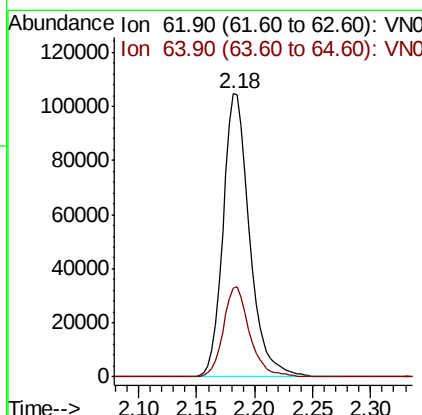
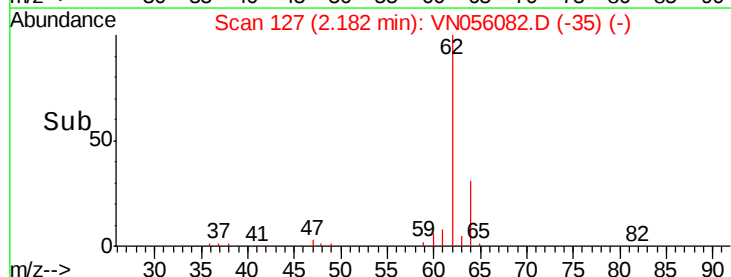
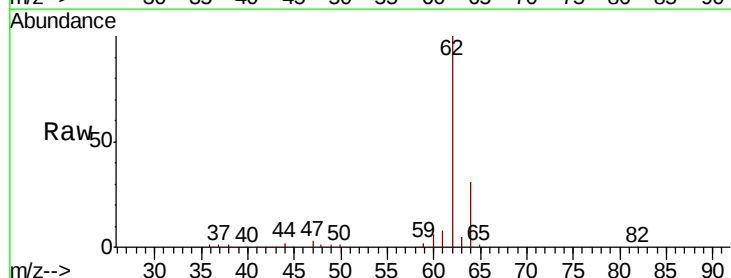
Instrument :
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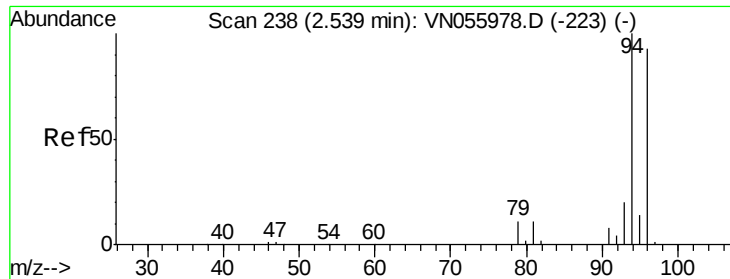
Tot Ion: 50 Resp: 167000
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.6 40.0



#4
 Vinyl Chloride
 Concen: 53.445 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion: 62 Resp: 166529
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.6 38.4

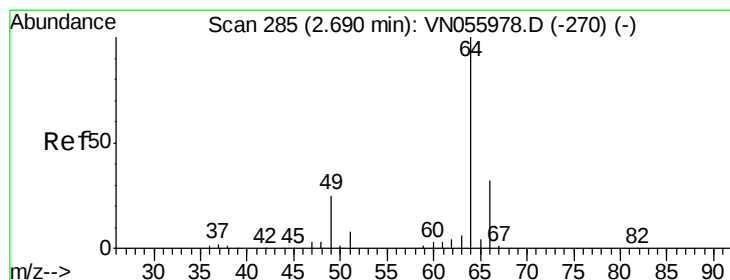
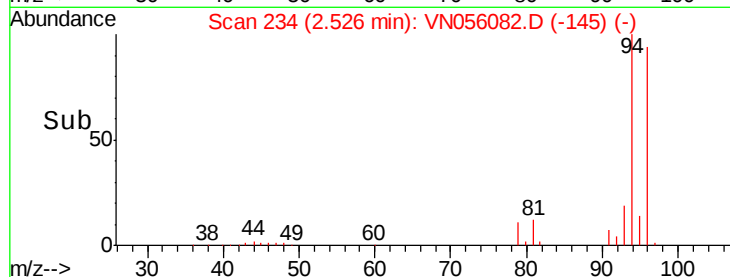
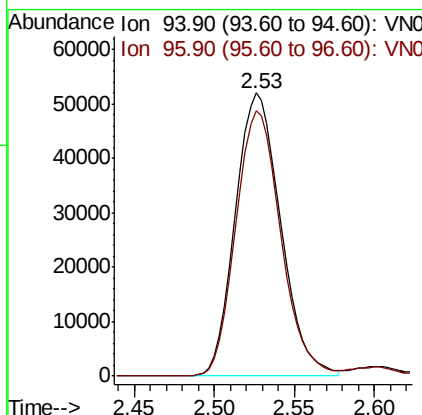
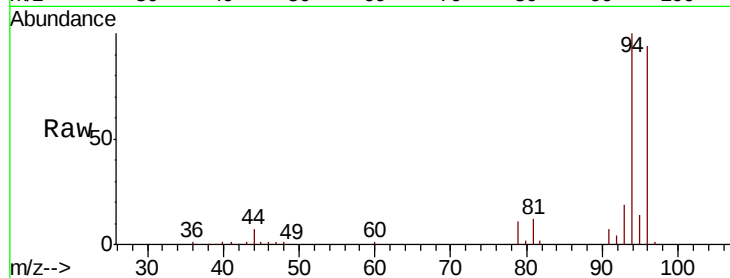




#5
Bromomethane
Concen: 51.320 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

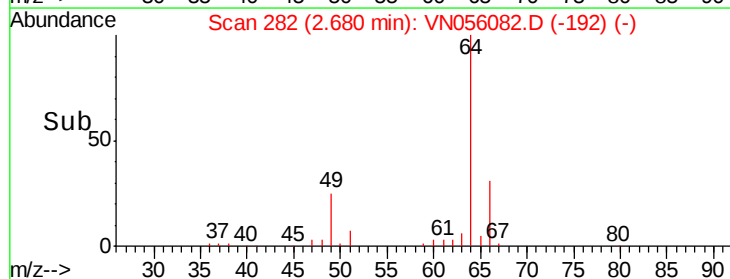
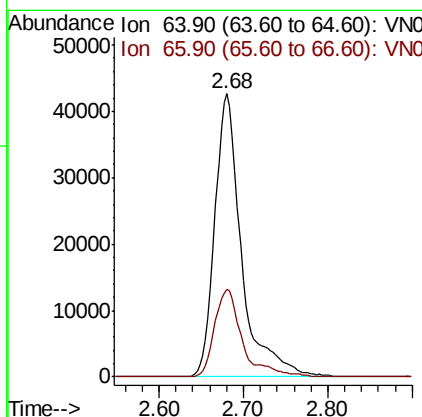
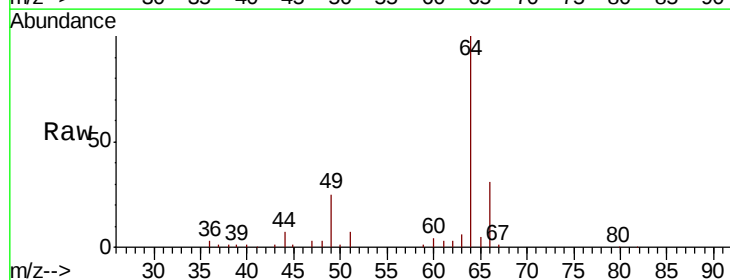
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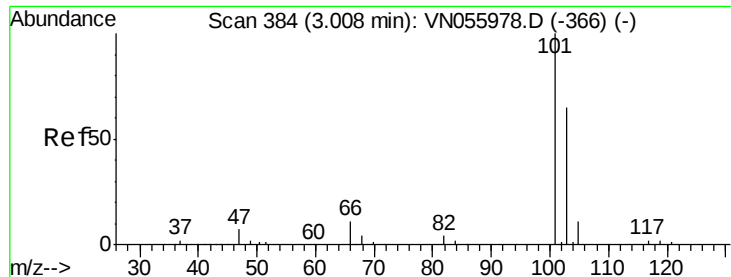
Tot Ion: 94 Resp: 101013
Ion Ratio Lower Upper
94 100
96 93.7 75.5 113.3



#6
Chloroethane
Concen: 52.154 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 64 Resp: 94221
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0



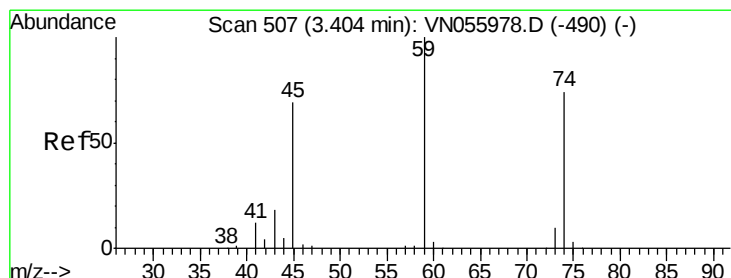
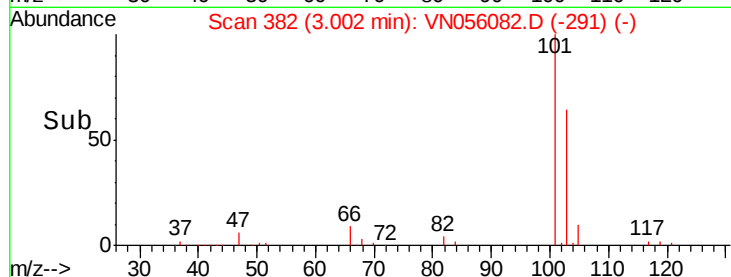
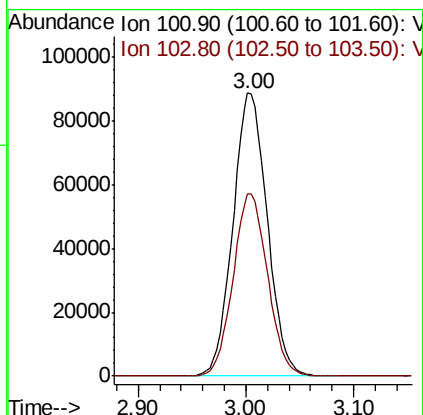
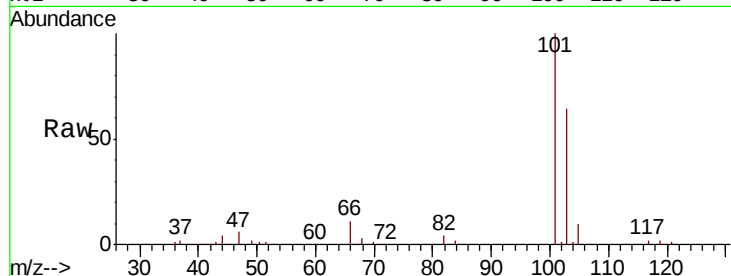


#7

Trichlorofluoromethane
 Concen: 49.430 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

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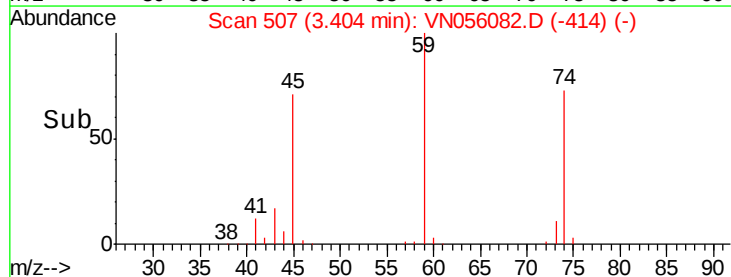
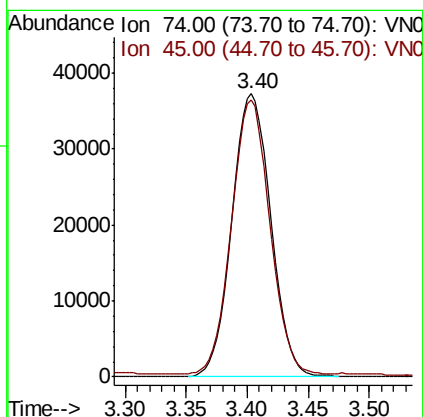
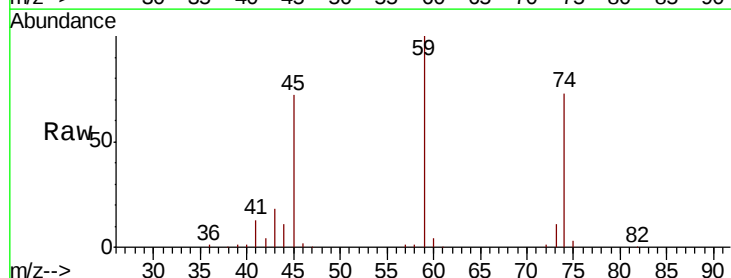
Tot Ion:101 Resp: 196623
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8



#8

Diethyl Ether
 Concen: 50.401 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion: 74 Resp: 82447
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.261 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

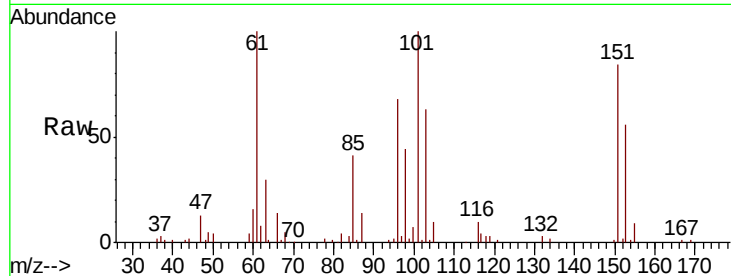
Tot Ion:101 Resp: 114198

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

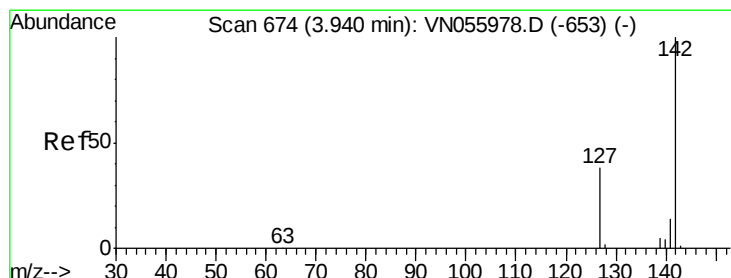
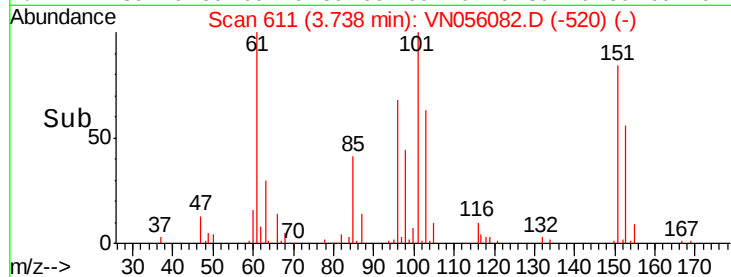
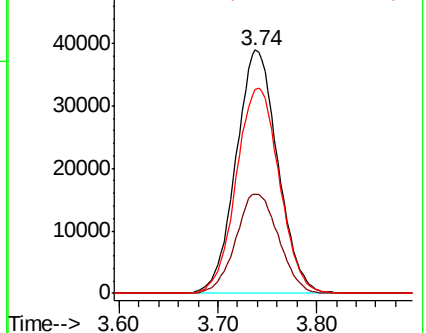
151 86.9 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.386 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

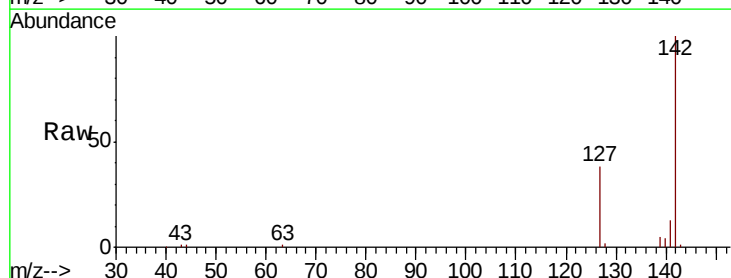
Tgt Ion:142 Resp: 178118

Ion Ratio Lower Upper

142 100

127 37.9 31.0 46.4

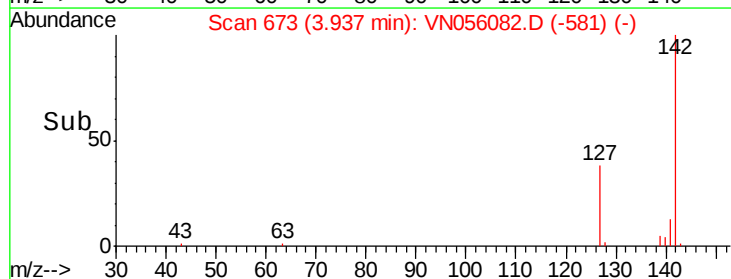
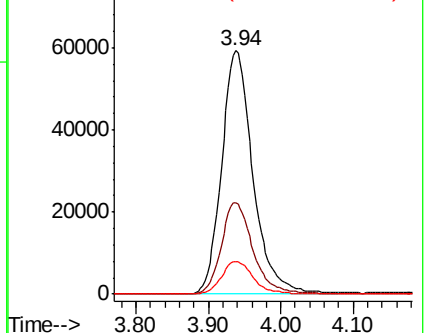
141 13.5 11.4 17.0



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



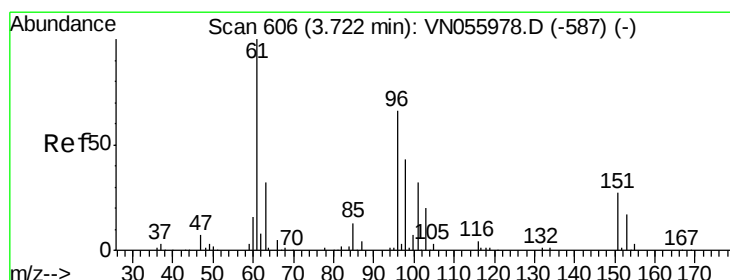
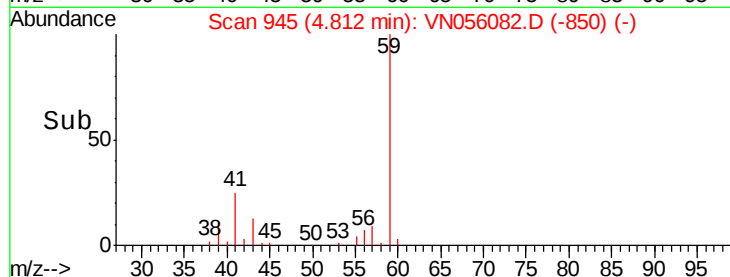
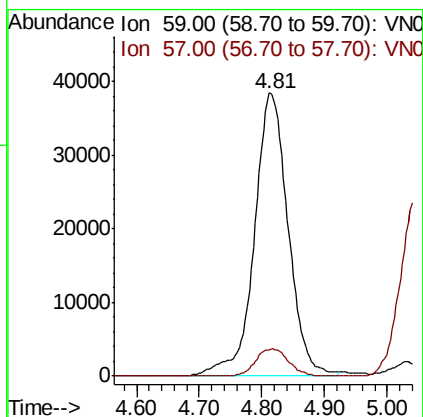
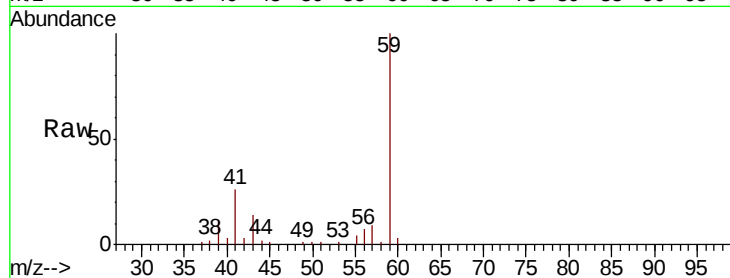


#11

Tert butyl alcohol
 Concen: 291.421 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

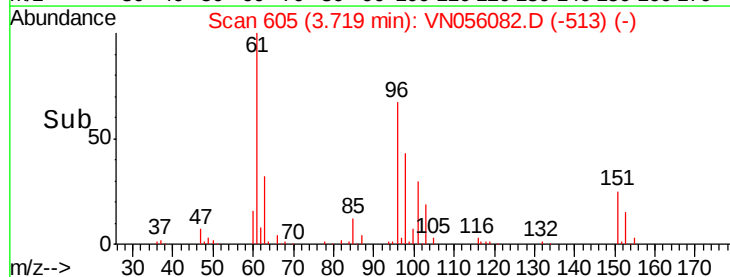
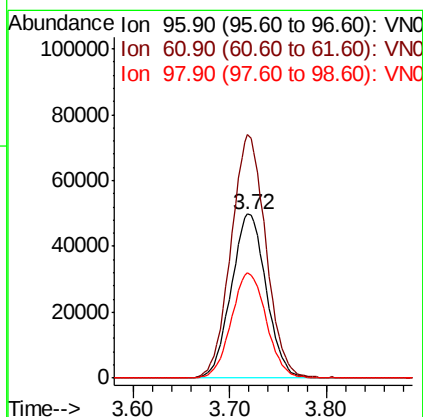
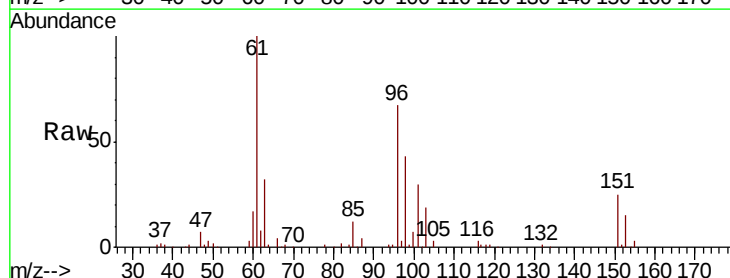
Tot Ion: 59 Resp: 144295
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.6

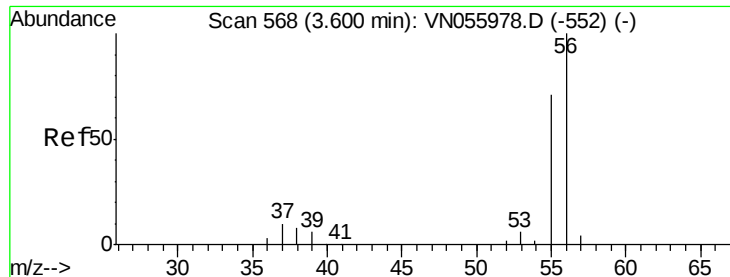


#12

1,1-Dichloroethene
 Concen: 52.023 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion: 96 Resp: 125147
 Ion Ratio Lower Upper
 96 100
 61 148.6 123.2 184.8
 98 64.0 50.4 75.6





#13

Acrolein

Concen: 218.574 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

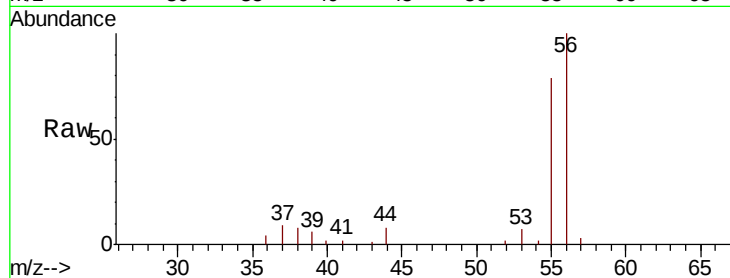
BPS1-TT-MW304S-30190604MSD

Tot Ion: 56 Resp: 31213

Ion Ratio Lower Upper

56 100

55 74.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN055978.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN055978.D (-552) (-)

3.60

15000

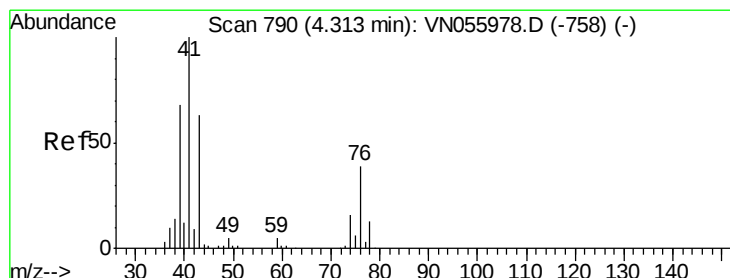
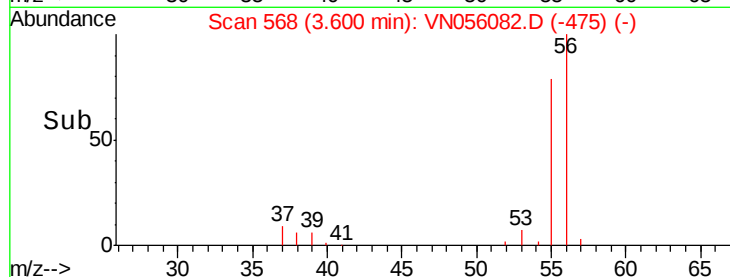
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 50.273 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

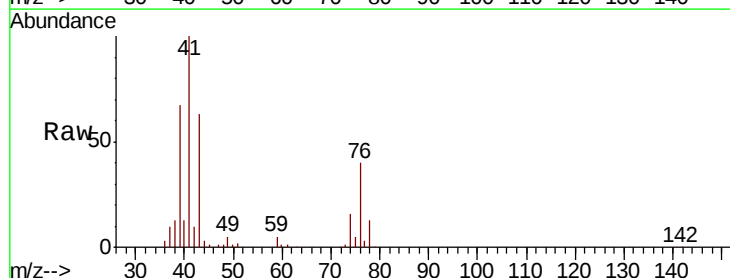
Tgt Ion: 41 Resp: 190968

Ion Ratio Lower Upper

41 100

39 61.3 50.0 75.0

76 33.8 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN055978.D (-758) (-)

4.31

80000

60000

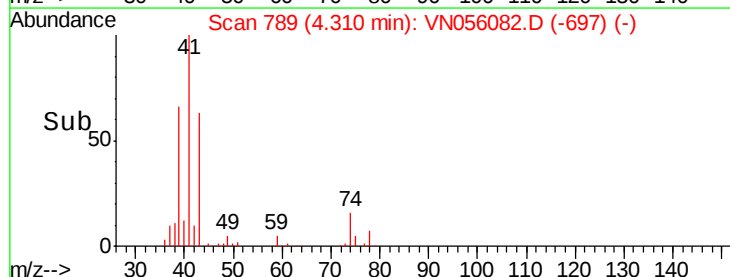
40000

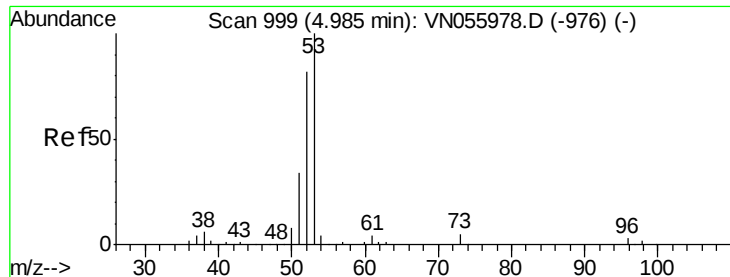
20000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 299.185 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

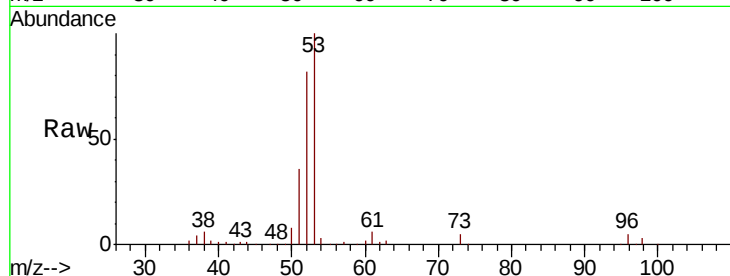
Tot Ion: 53 Resp: 360613

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

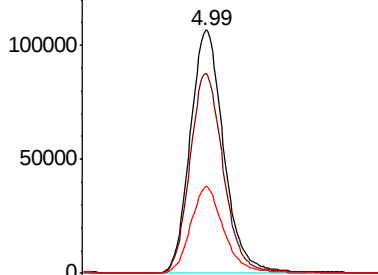
51 35.2 28.2 42.4



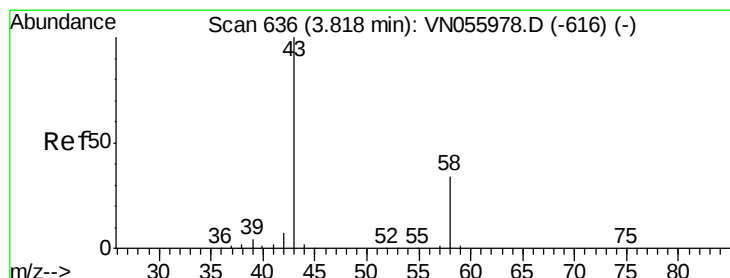
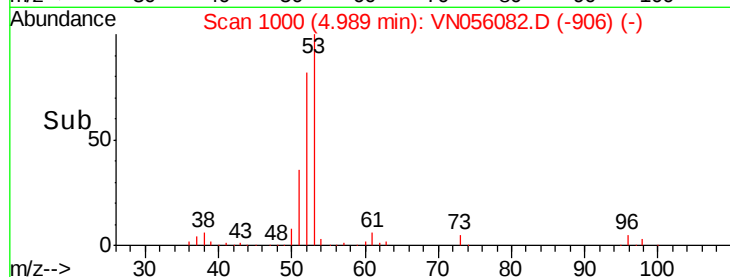
Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)



Time-->



#16

Acetone

Concen: 215.614 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056082.D

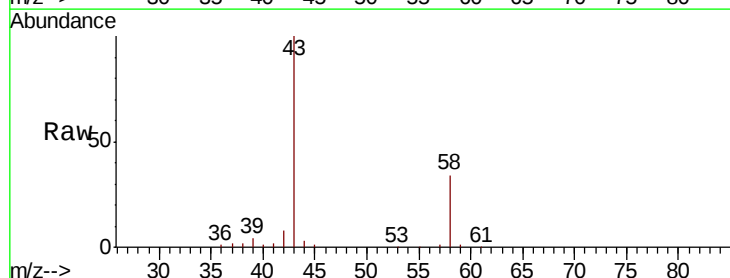
Acq: 7 Jun 2019 7:14

Tgt Ion: 43 Resp: 293411

Ion Ratio Lower Upper

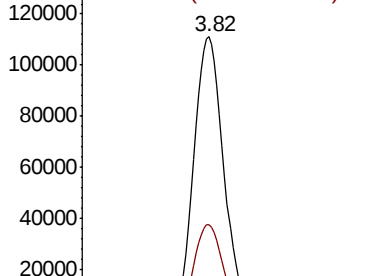
43 100

58 33.8 26.6 39.8

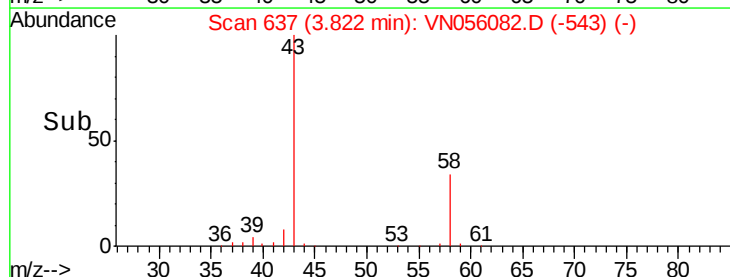


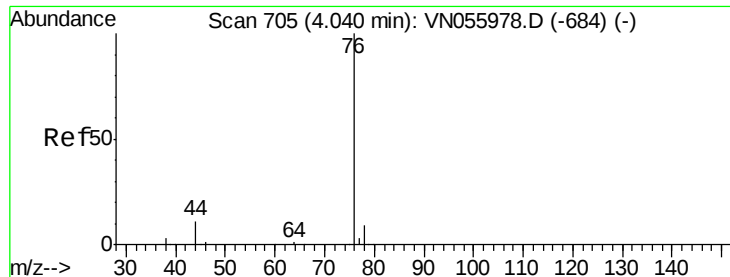
Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)



Time-->

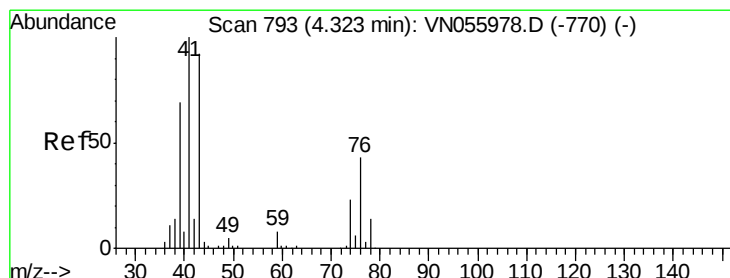
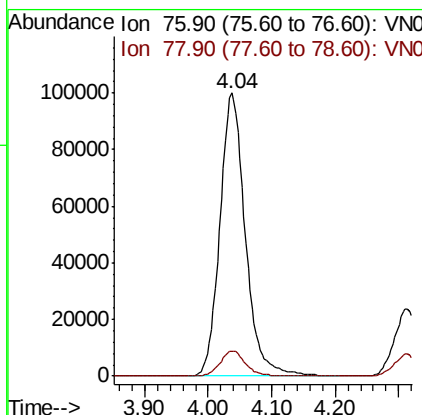
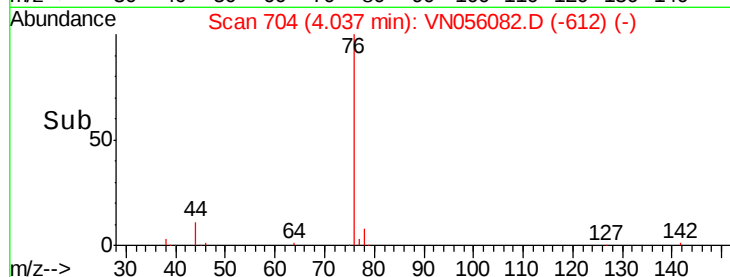
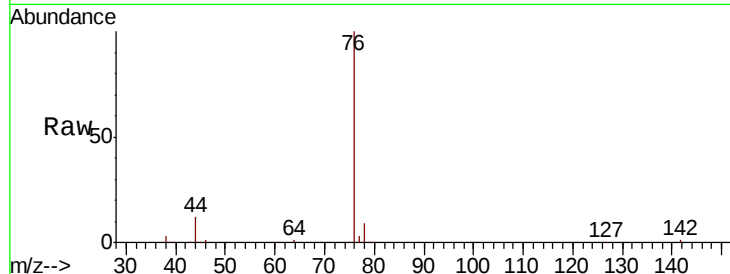




#17
Carbon Disulfide
Concen: 48.149 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

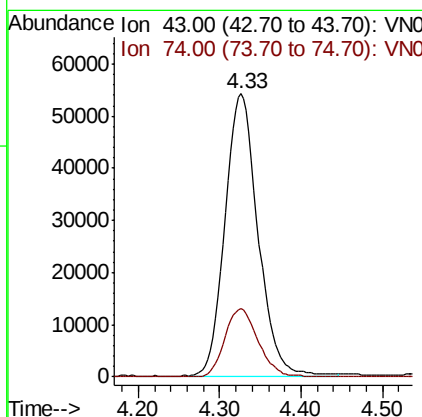
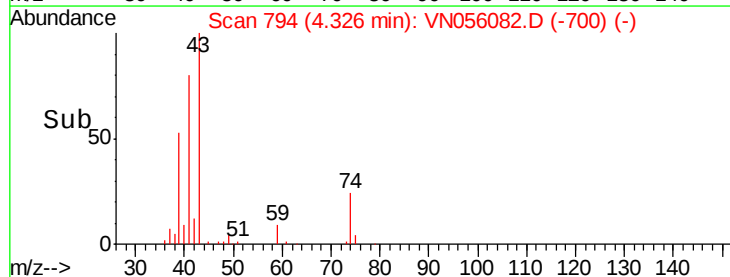
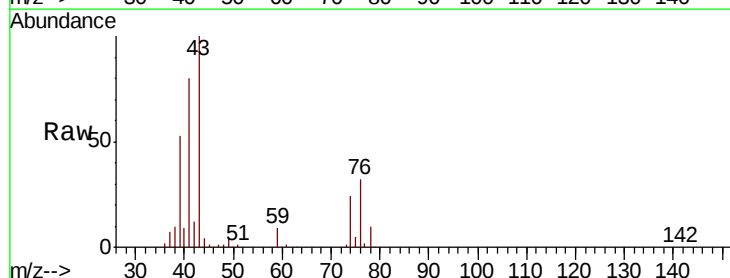
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion: 76 Resp: 277333
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 57.295 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 43 Resp: 152925
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9

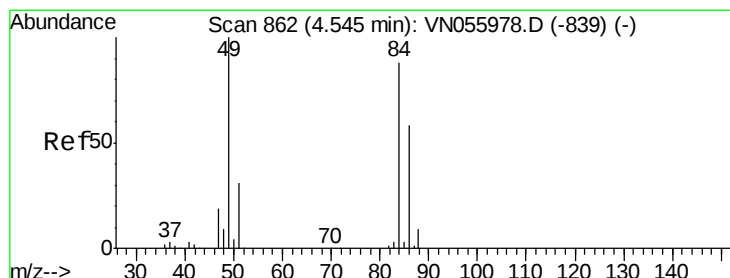
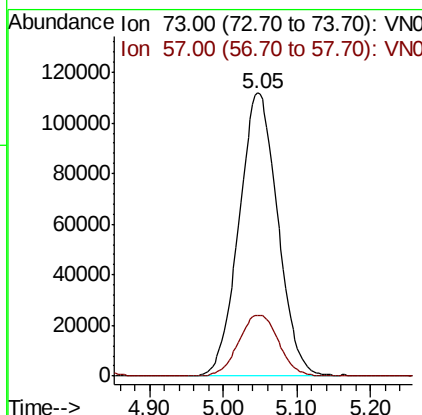
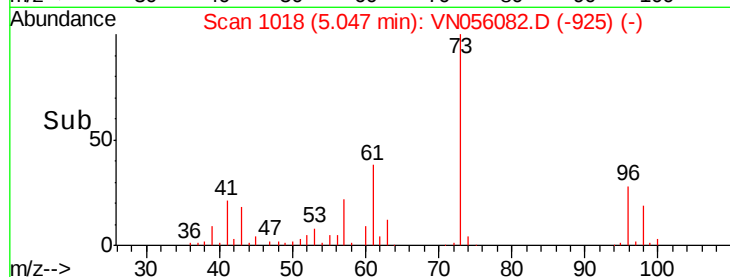
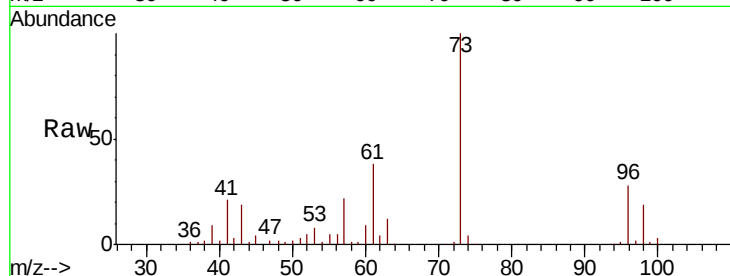




#19
Methyl tert-butyl Ether
Concen: 53.485 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

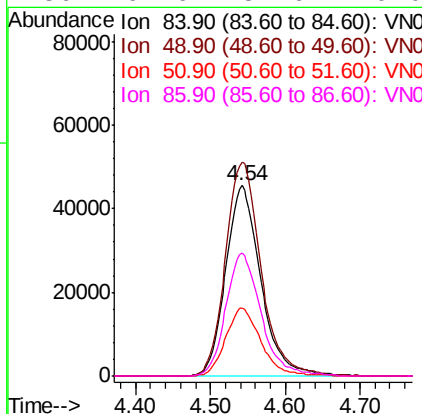
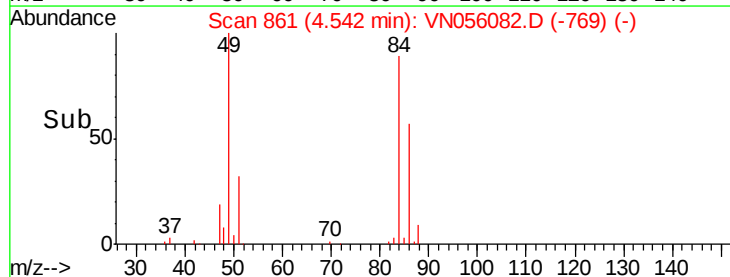
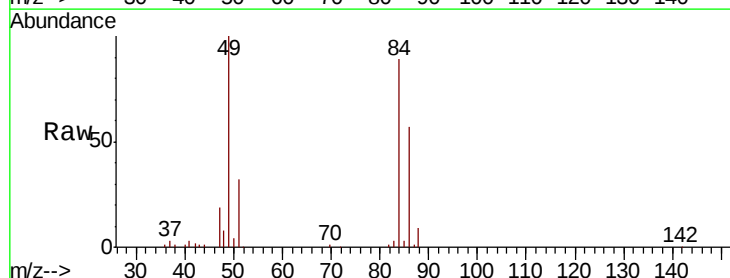
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

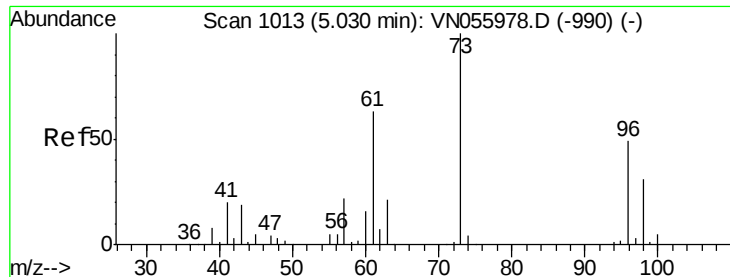
Tot Ion: 73 Resp: 410123
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 52.822 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 84 Resp: 148091
Ion Ratio Lower Upper
84 100
49 112.3 93.5 140.3
51 35.9 28.6 43.0
86 64.6 52.6 79.0

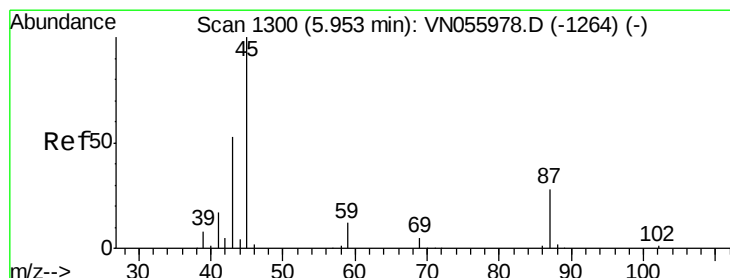
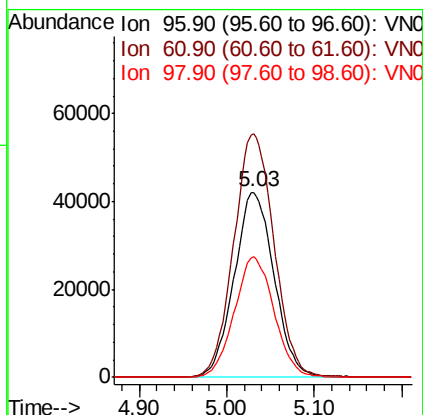
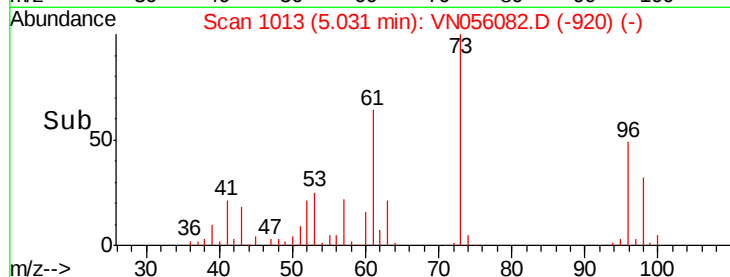
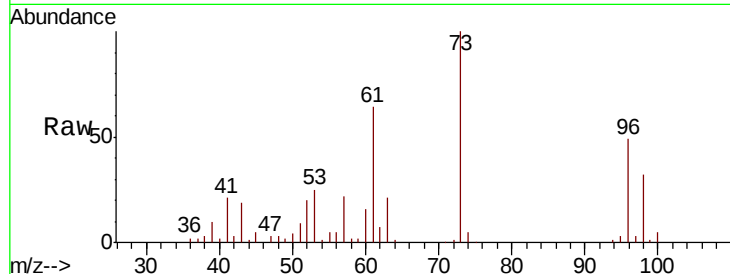




#21
trans-1,2-Dichloroethene
Concen: 51.652 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

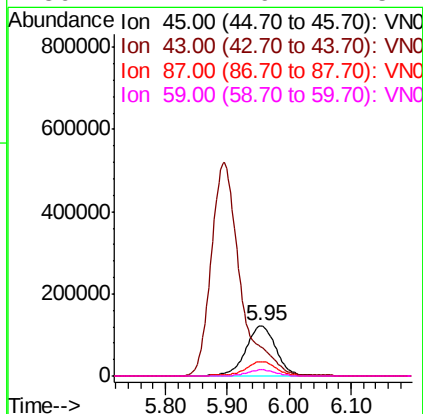
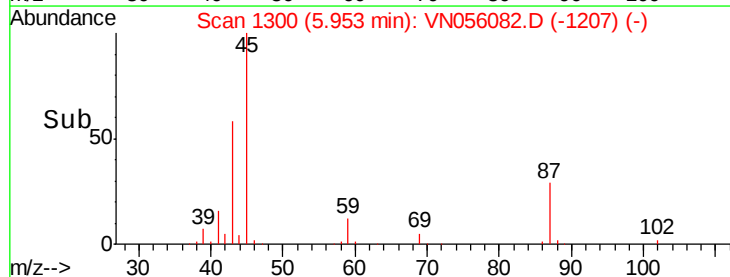
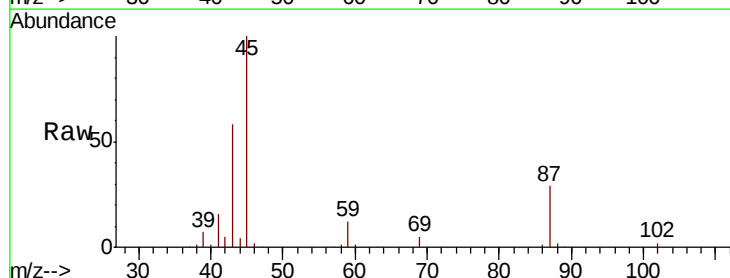
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

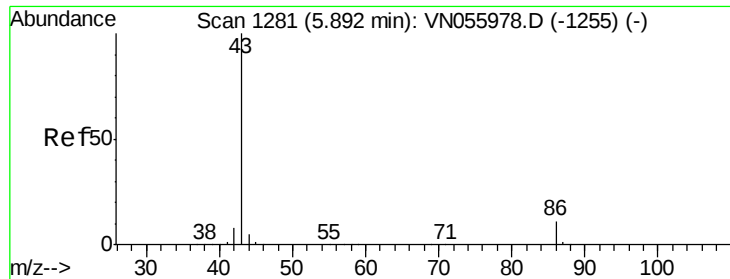
Tot Ion: 96 Resp: 133134
Ion Ratio Lower Upper
96 100
61 131.7 107.8 161.8
98 65.3 49.8 74.8



#22
Diisopropyl ether
Concen: 53.502 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 45 Resp: 420109
Ion Ratio Lower Upper
45 100
43 56.9 45.0 67.6
87 28.6 22.2 33.4
59 12.1 9.1 13.7





#23

Vinyl Acetate

Concen: 275.656 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

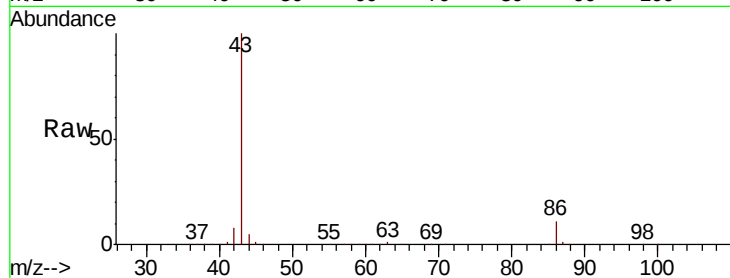
BPS1-TT-MW304S-30190604MSD

Tot Ion: 43 Resp: 1704567

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055978.D (-1255) (-)

5.90

600000

500000

400000

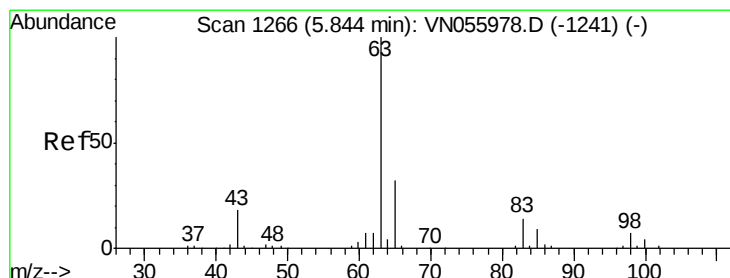
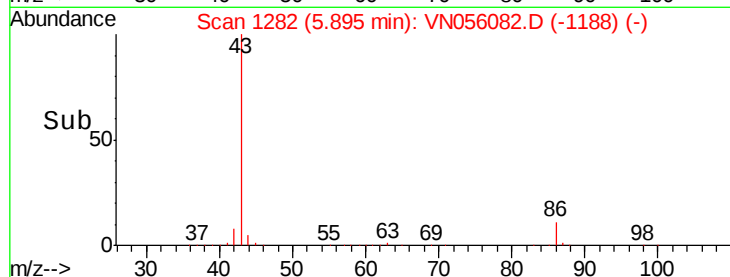
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.188 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

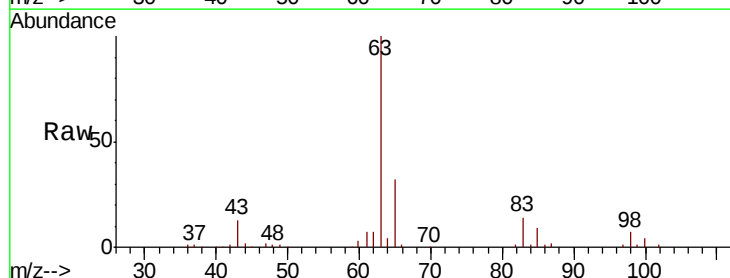
Tgt Ion: 63 Resp: 240914

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

5.84

100000

80000

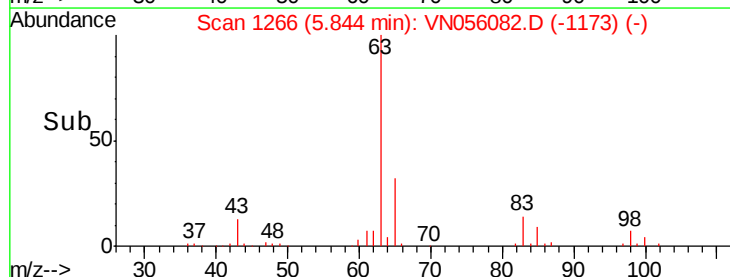
60000

40000

20000

0

Time-->

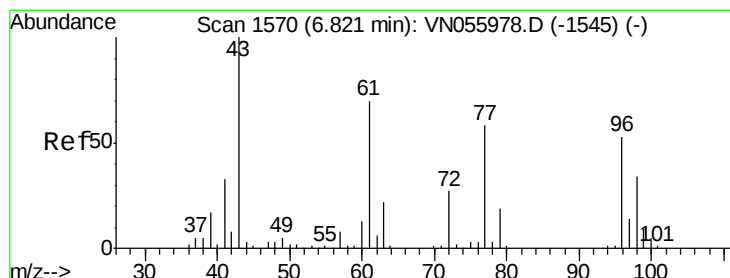
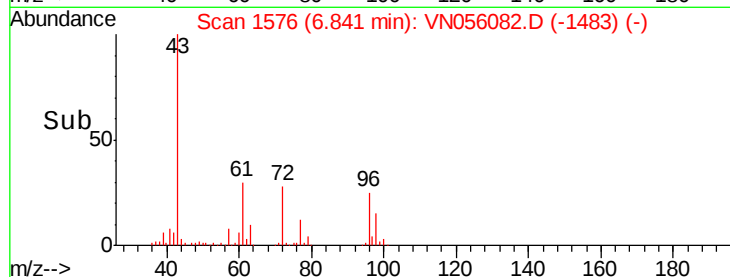
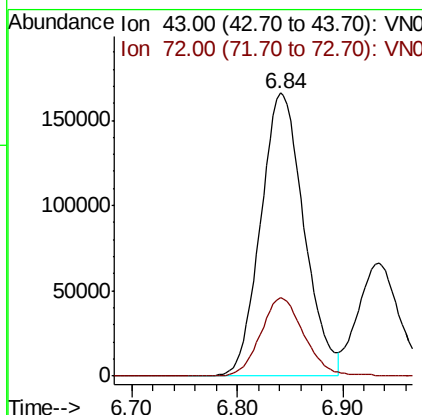
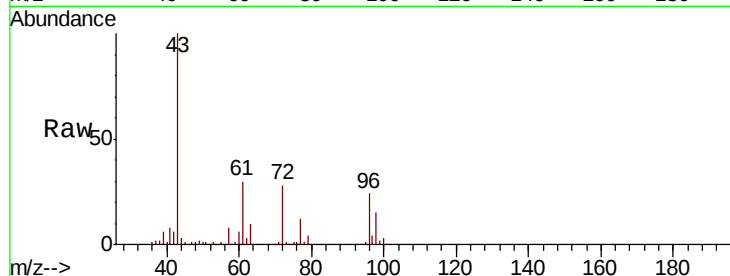




#25
2-Butanone
Concen: 274.306 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

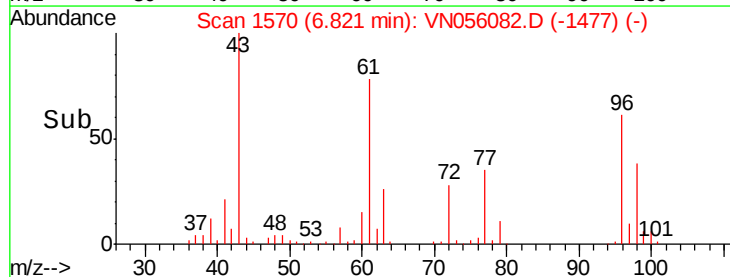
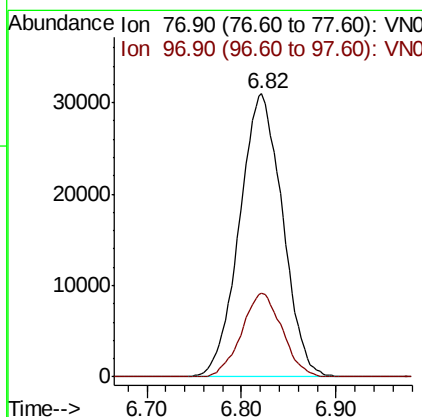
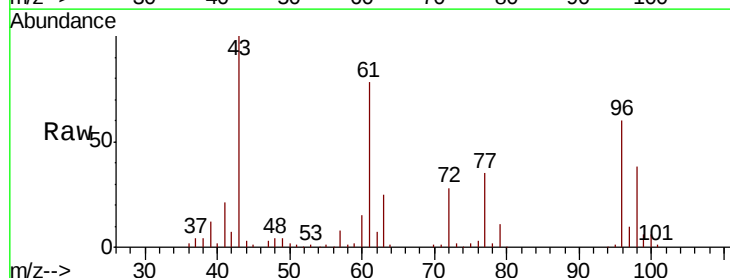
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion: 43 Resp: 471627
Ion Ratio Lower Upper
43 100
72 27.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 27.652 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 77 Resp: 97735
Ion Ratio Lower Upper
77 100
97 27.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 52.623 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

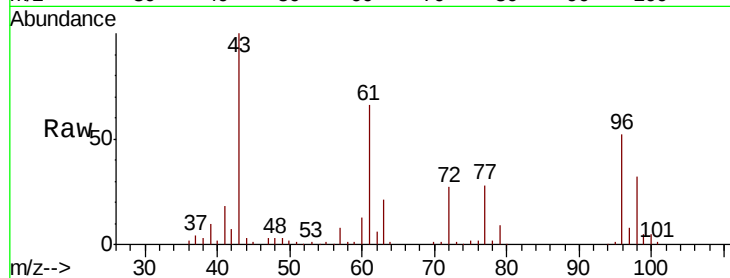
Tot Ion: 96 Resp: 159439

Ion Ratio Lower Upper

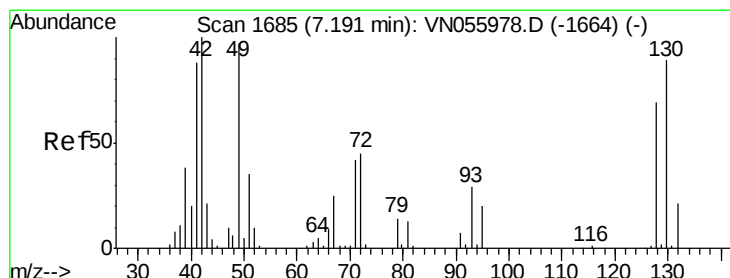
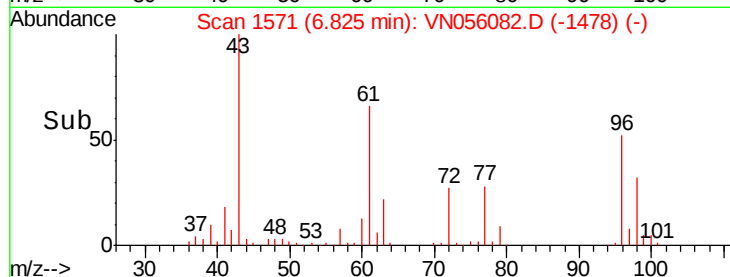
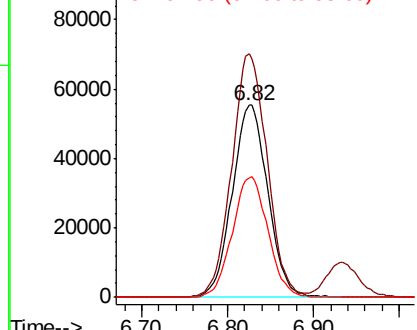
96 100

61 126.0 0.0 275.8

98 62.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 54.346 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

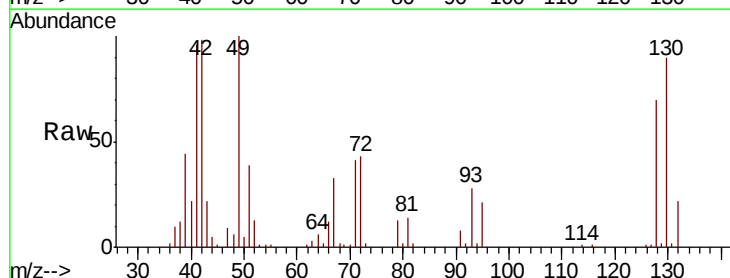
Tgt Ion: 49 Resp: 116409

Ion Ratio Lower Upper

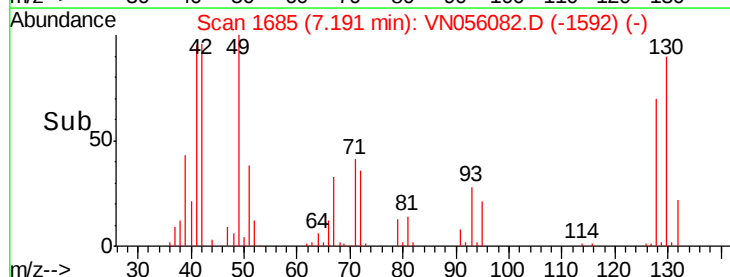
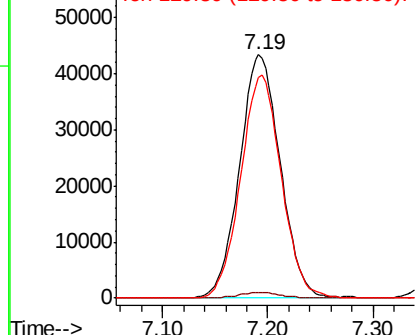
49 100

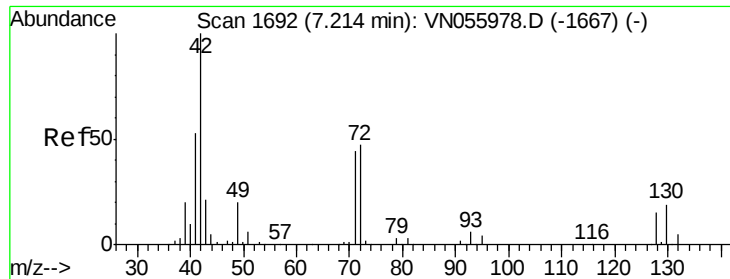
129 2.3 0.0 4.4

130 91.4 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

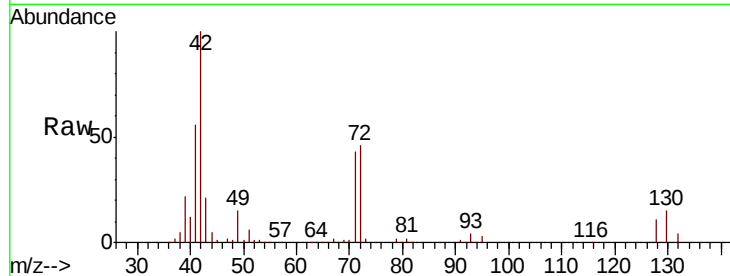




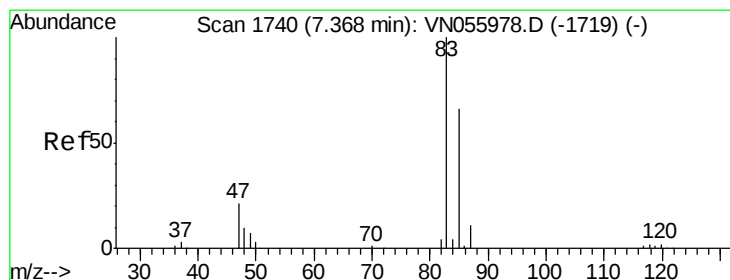
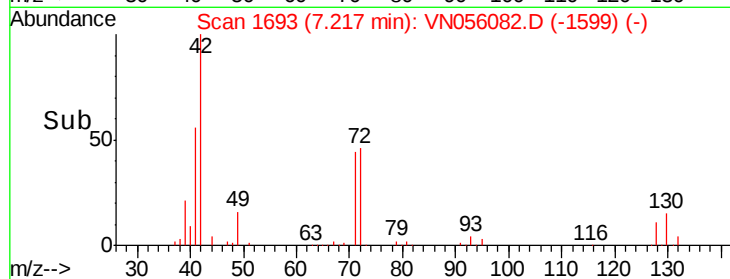
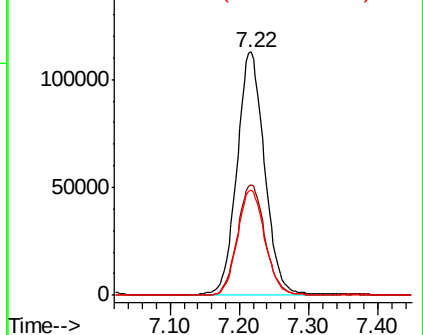
#29
Tetrahydrofuran
Concen: 295.786 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion: 42 Resp: 314360
Ion Ratio Lower Upper
42 100
72 45.5 35.9 53.9
71 43.0 34.0 51.0

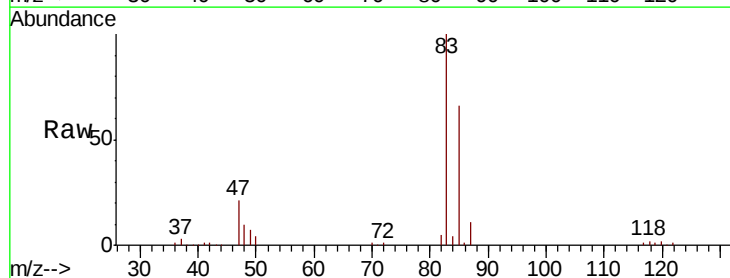


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

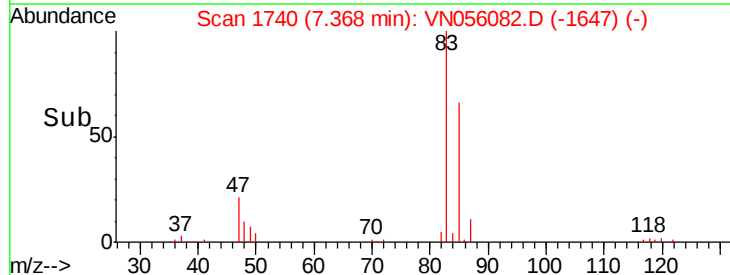
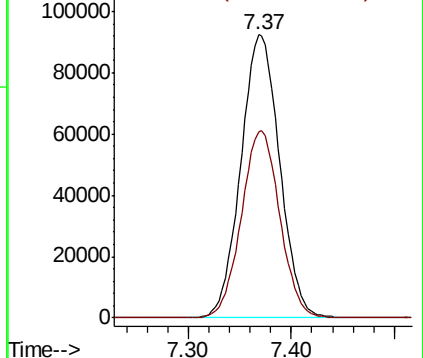


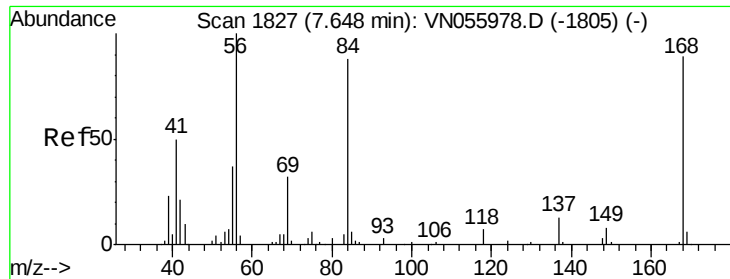
#30
Chloroform
Concen: 53.042 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 83 Resp: 241689
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

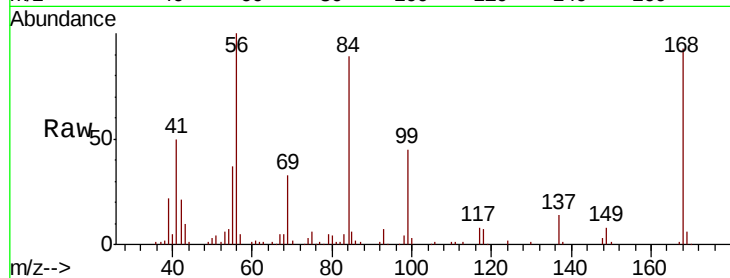




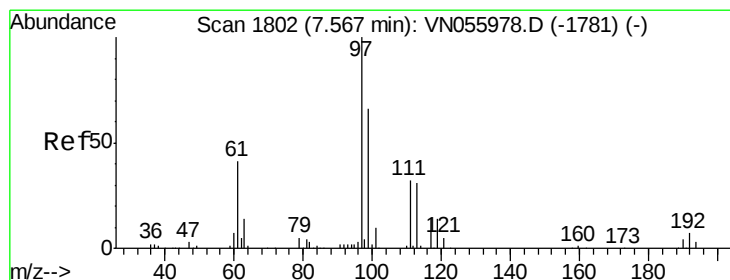
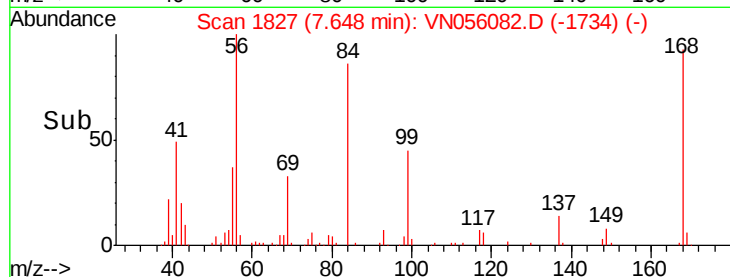
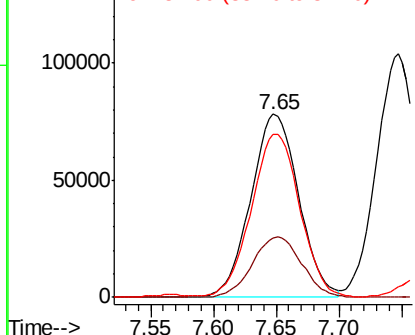
#31
Cyclohexane
Concen: 45.991 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion: 56 Resp: 207644
Ion Ratio Lower Upper
56 100
69 32.6 25.6 38.4
84 87.7 67.4 101.0

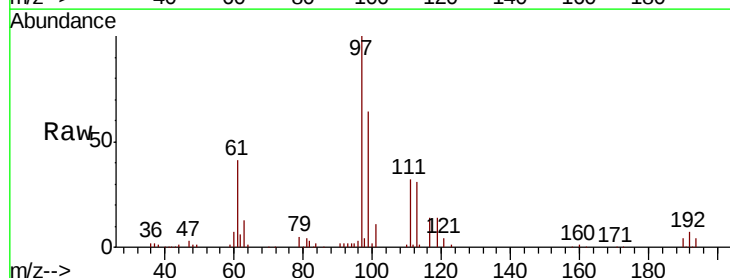


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

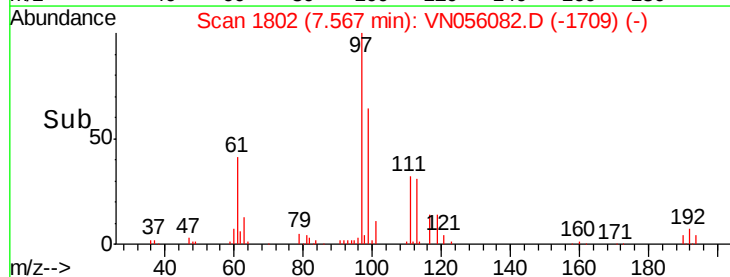
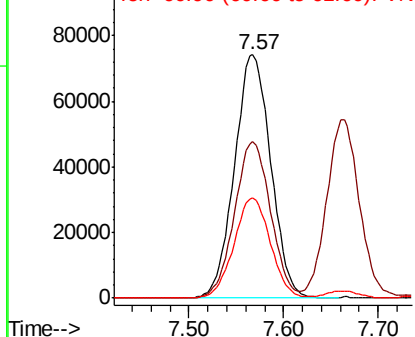


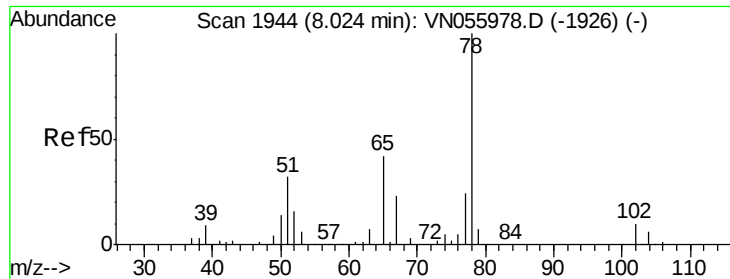
#32
1,1,1-Trichloroethane
Concen: 51.989 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 97 Resp: 197819
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 41.4 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 53.646 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

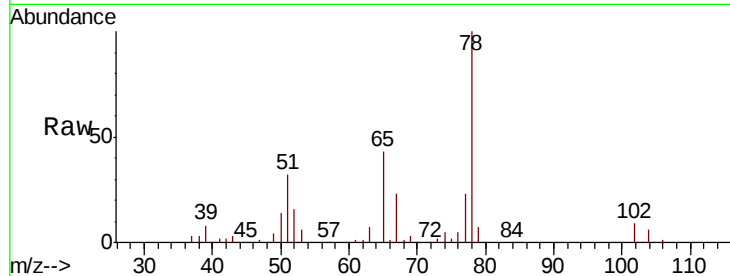
BPS1-TT-MW304S-30190604MSD

Tot Ion: 65 Resp: 152639

Ion Ratio Lower Upper

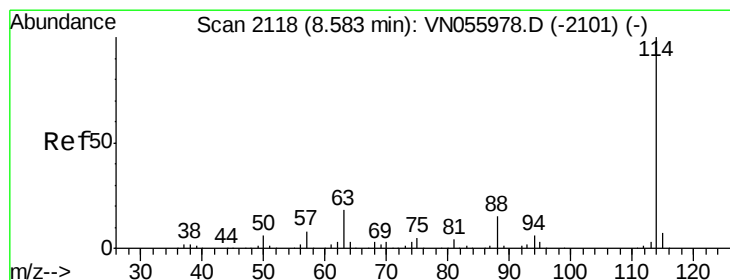
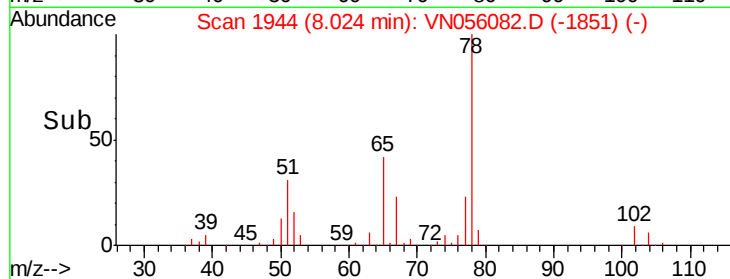
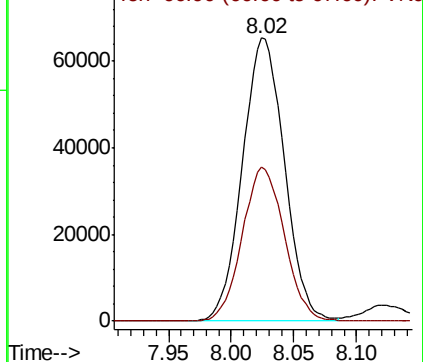
65 100

67 54.5 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

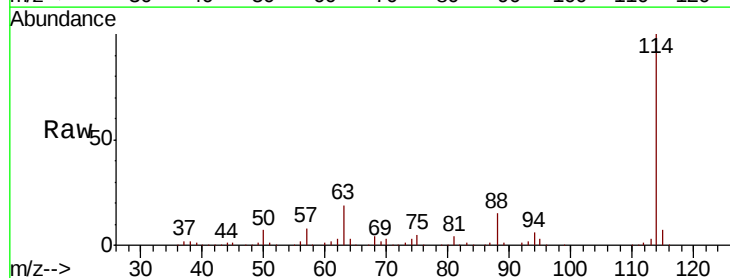
Tgt Ion: 114 Resp: 433068

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

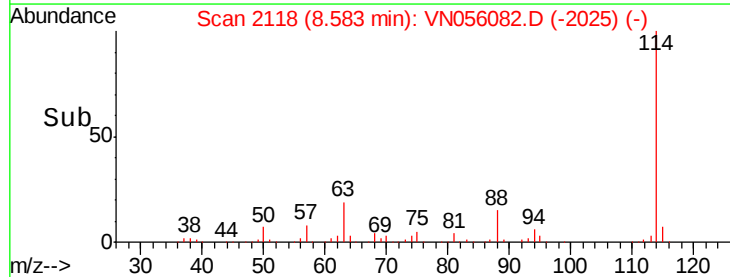
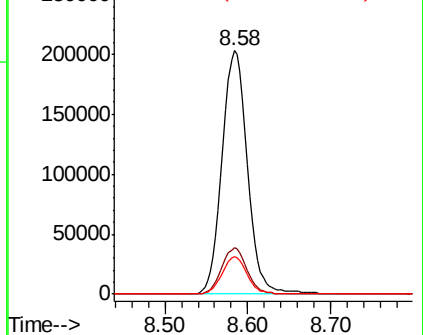
88 15.2 0.0 31.0

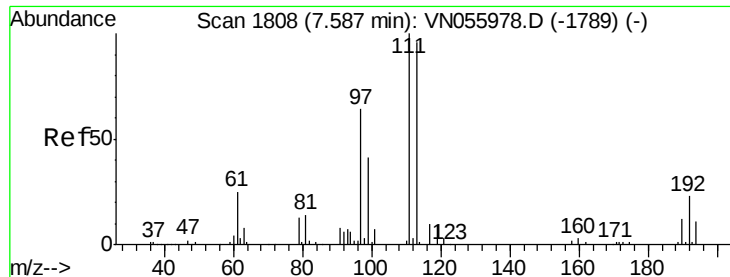


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

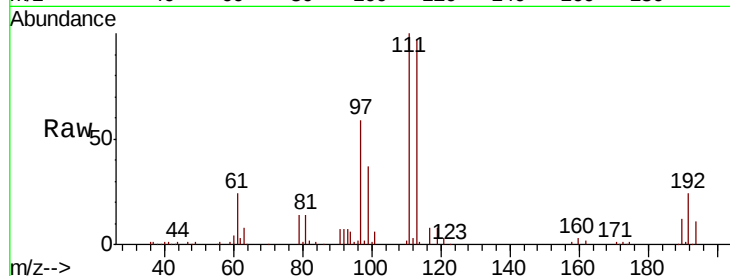




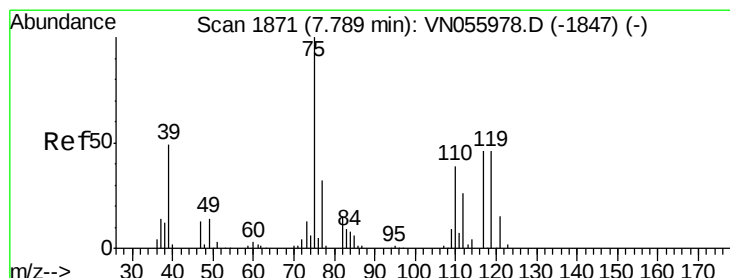
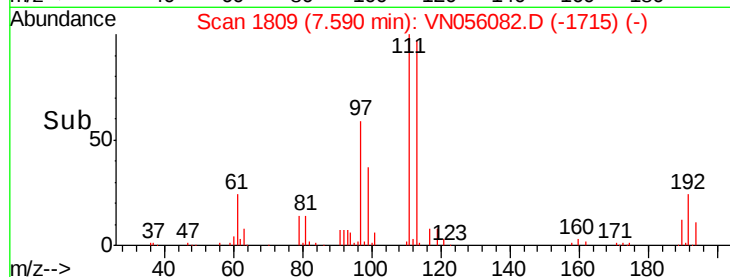
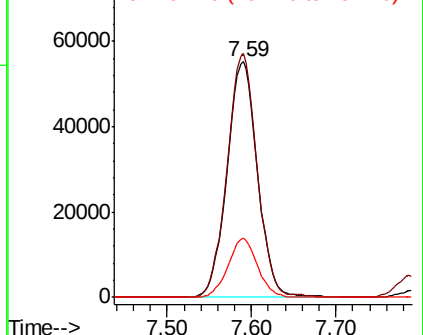
#35
 Dibromofluoromethane
 Concen: 52.012 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	24.1	19.5	29.3

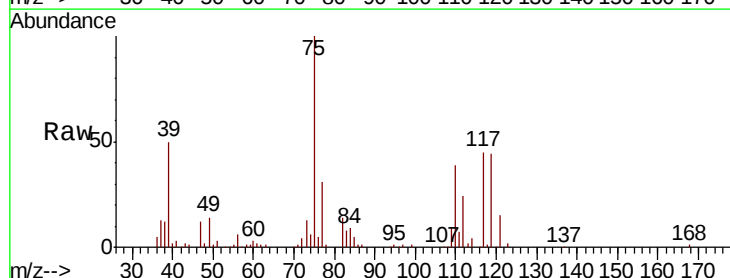


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

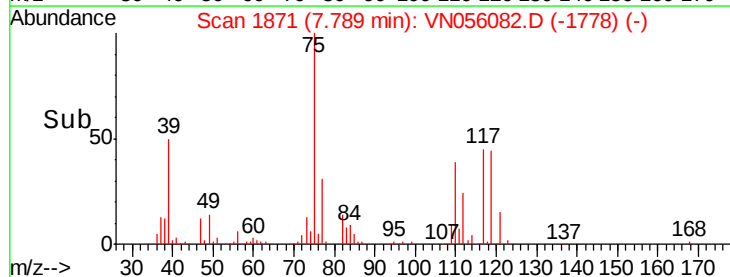
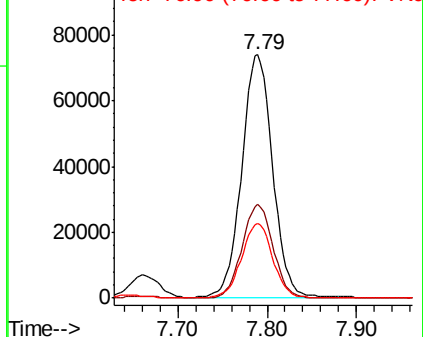


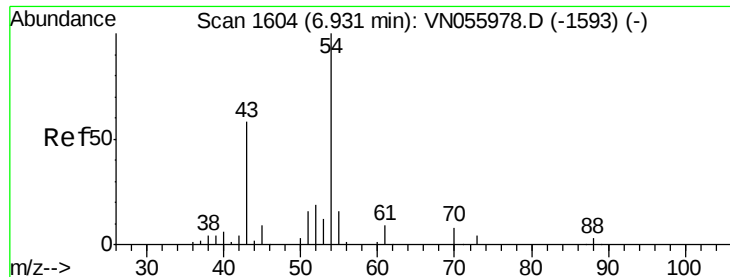
#36
 1,1-Dichloropropene
 Concen: 47.591 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.0	57.0
77	31.4	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

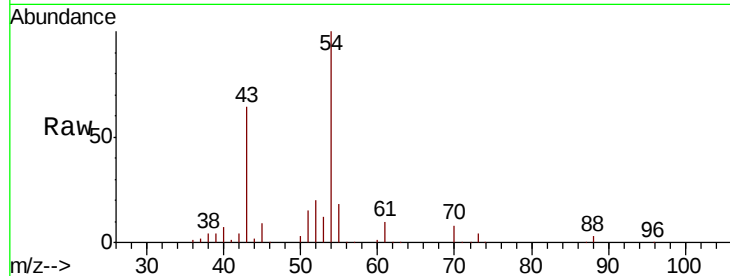




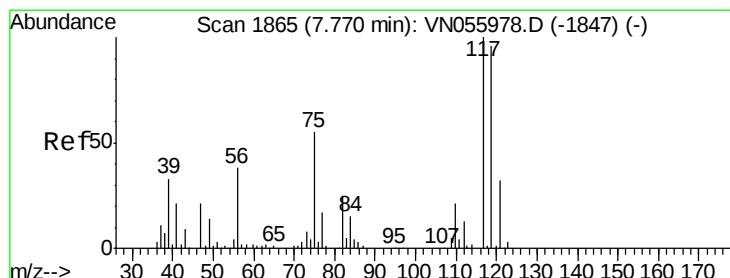
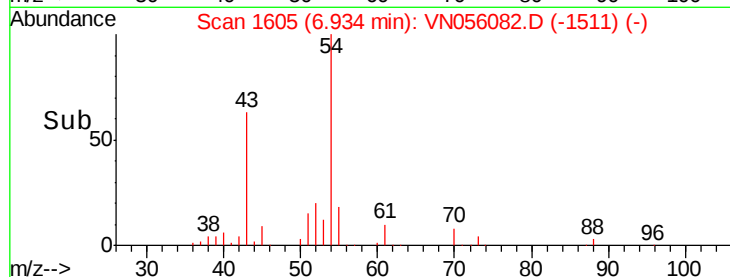
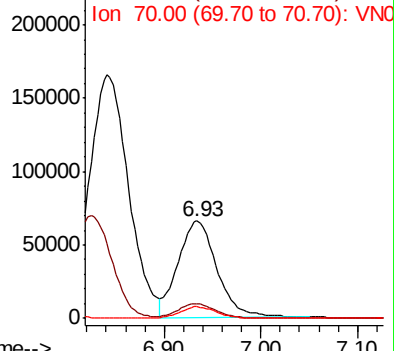
#37
Ethyl Acetate
Concen: 55.797 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.2
70	11.3	8.9	13.3

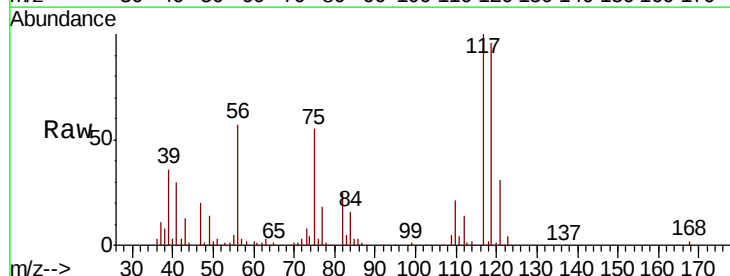


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1593) (-)

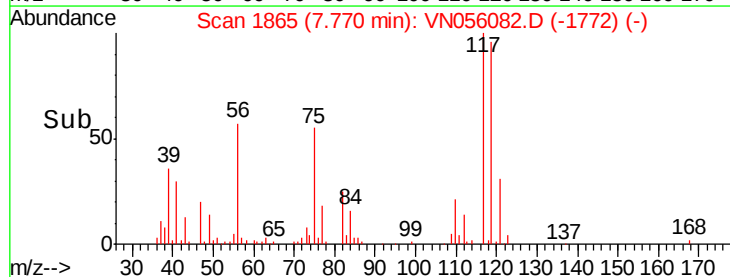
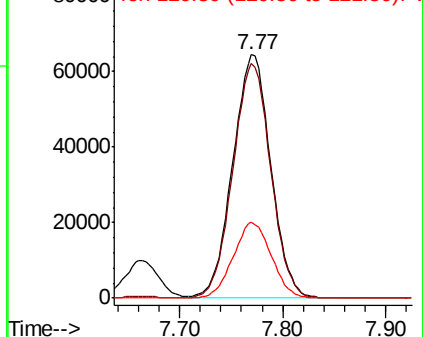


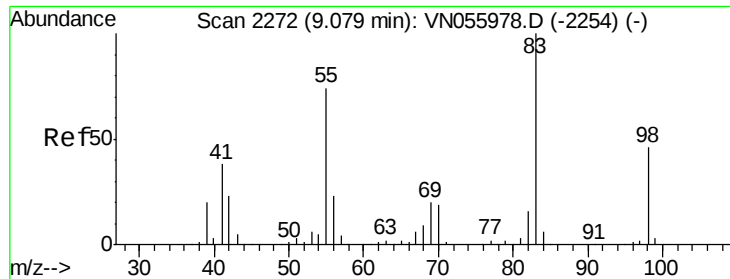
#38
Carbon Tetrachloride
Concen: 48.176 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.0	118.6
121	30.9	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-1847) (-)

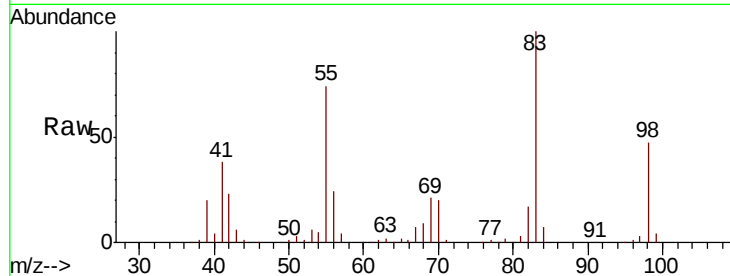




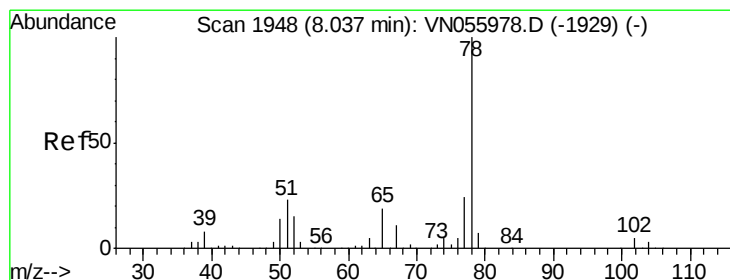
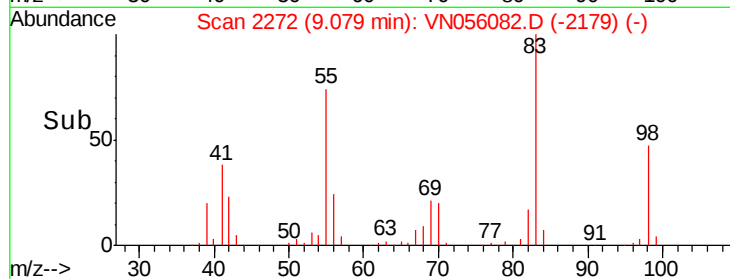
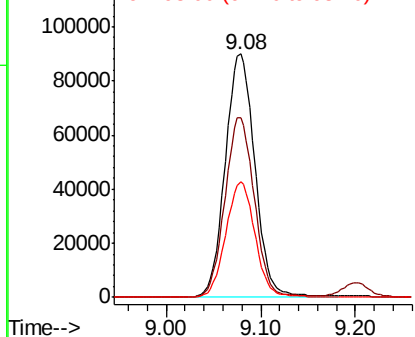
#39
Methvlcvclohexane
Concen: 42.342 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion: 83 Resp: 196414
Ion Ratio Lower Upper
83 100
55 73.9 59.3 88.9
98 47.4 36.6 54.8

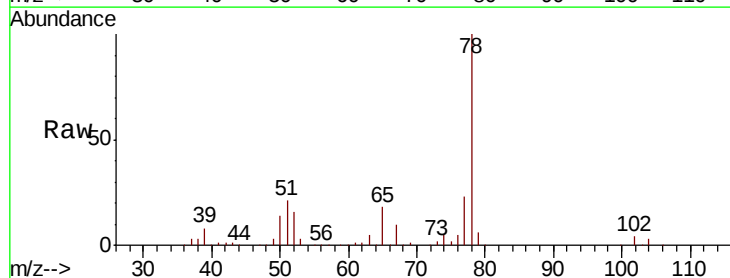


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

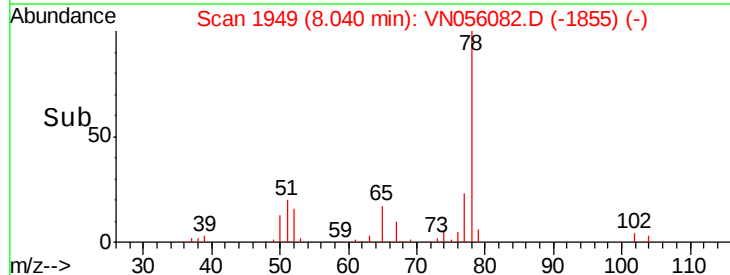
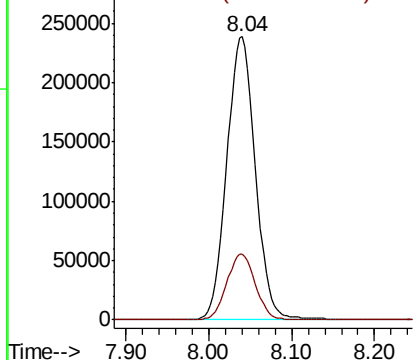


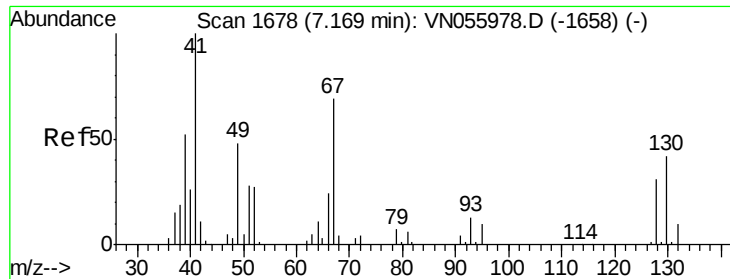
#40
Benzene
Concen: 50.592 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 78 Resp: 572195
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

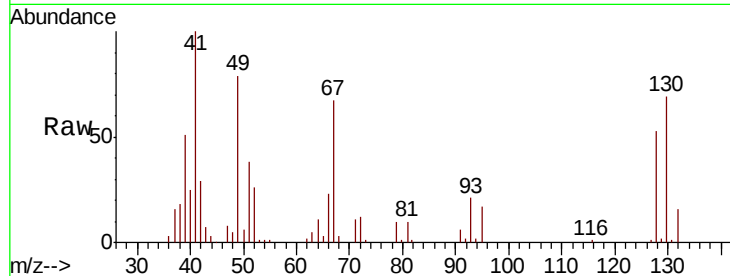




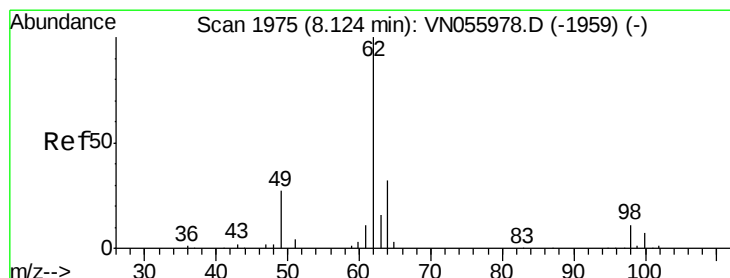
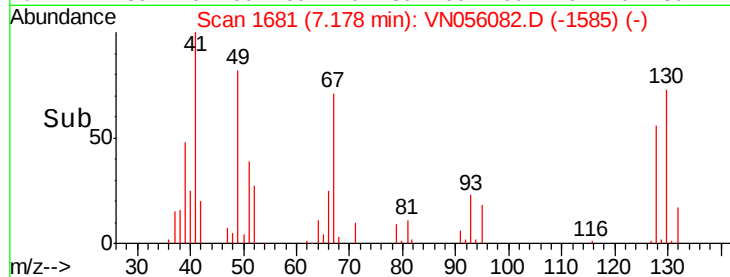
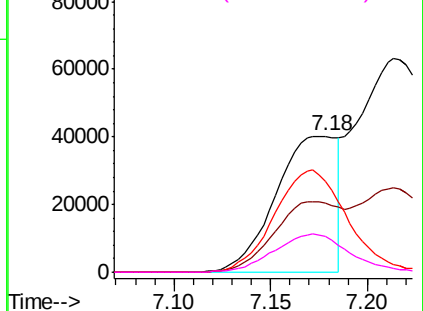
#41
Methacrylonitrile
Concen: 58.560 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion:	41	Resp:	89270
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.6	68.4
67	89.5	67.7	101.5
52	34.7	26.6	40.0

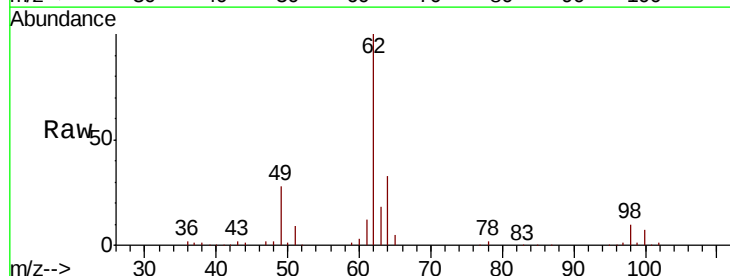


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

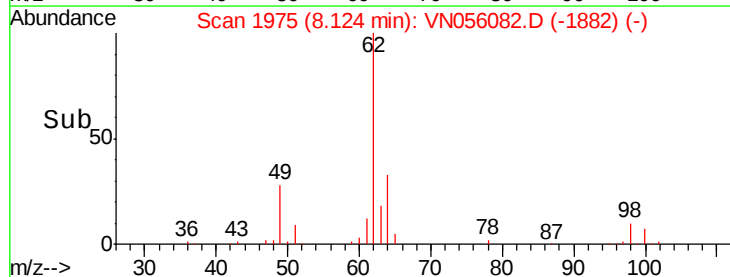
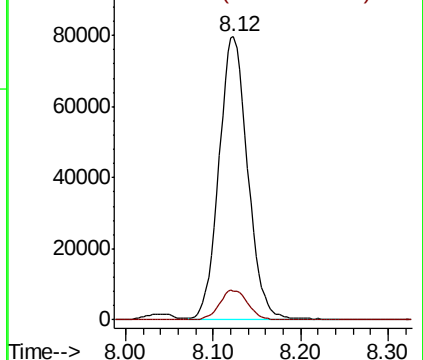


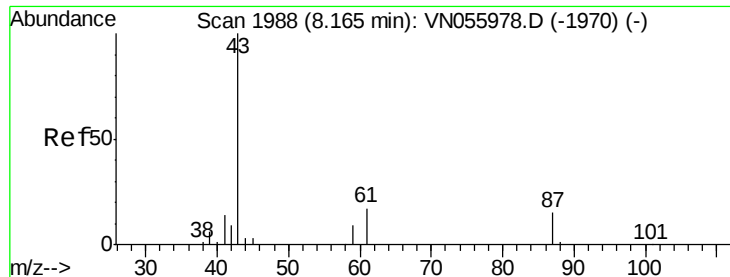
#42
1,2-Dichloroethane
Concen: 50.145 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion:	62	Resp:	182427
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 52.823 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

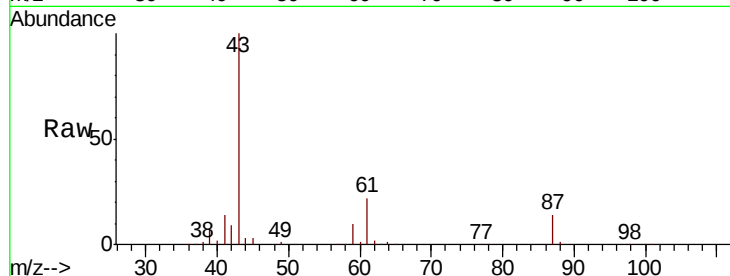
Tot Ion: 43 Resp: 283610

Ion Ratio Lower Upper

43 100

61 22.4 22.2 33.4

87 14.1 11.4 17.2

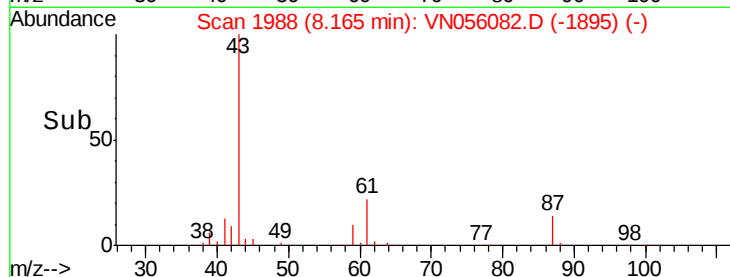


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

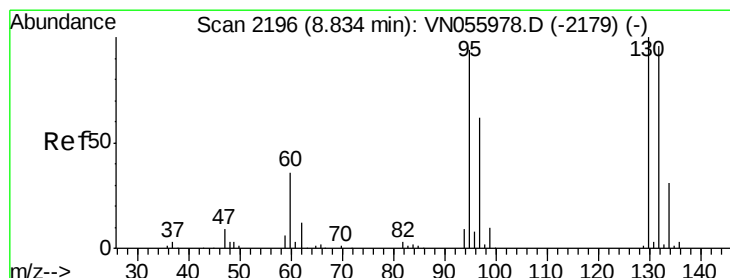
Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17



Time-->



#44

Trichloroethene

Concen: 49.425 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056082.D

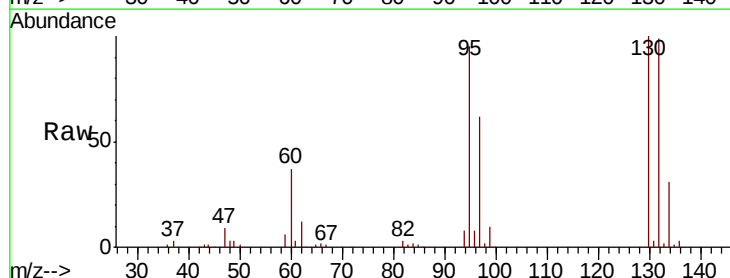
Acq: 7 Jun 2019 7:14

Tgt Ion:130 Resp: 160626

Ion Ratio Lower Upper

130 100

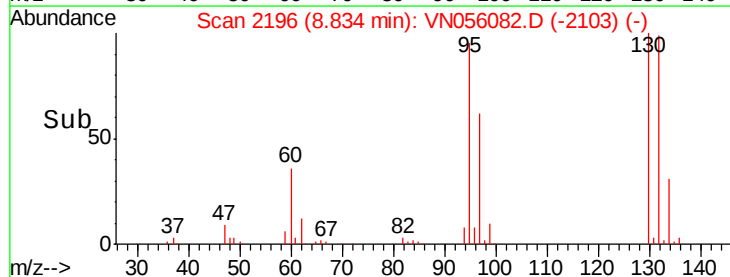
95 94.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83



Time-->



#45

1,2-Dichloropropane

Concen: 51.445 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

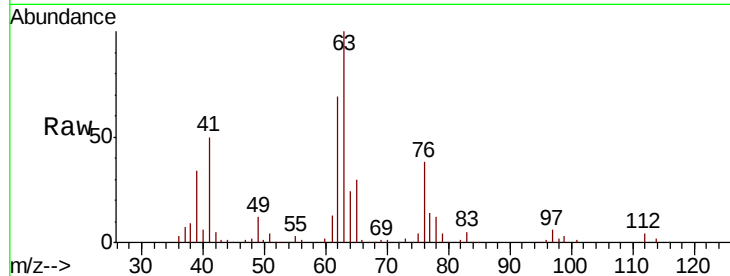
BPS1-TT-MW304S-30190604MSD

Tot Ion: 63 Resp: 149033

Ion Ratio Lower Upper

63 100

65 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055978.D (-2262) (-)

9.12

80000

60000

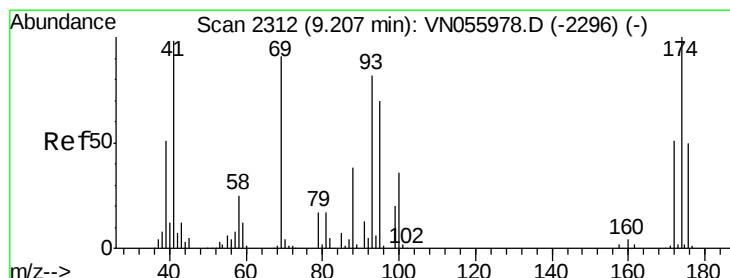
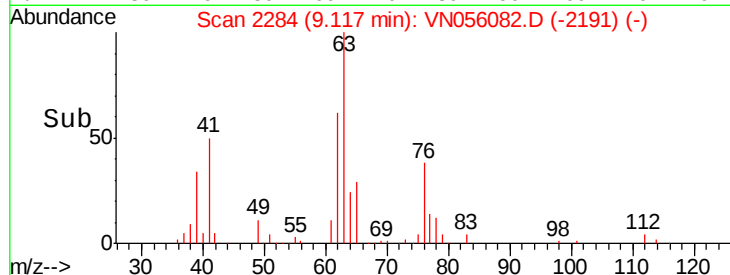
40000

20000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 51.560 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

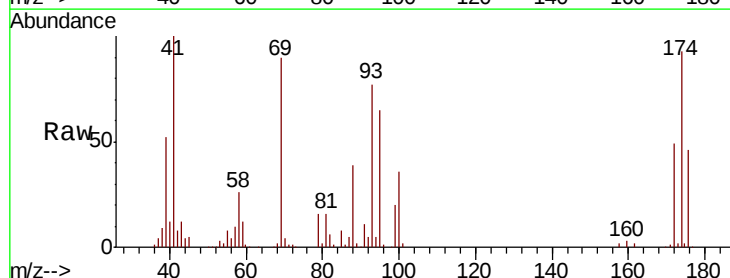
Tgt Ion: 93 Resp: 97676

Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

174 122.7 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN055978.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN055978.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN055978.D (-2296) (-)

9.21

80000

60000

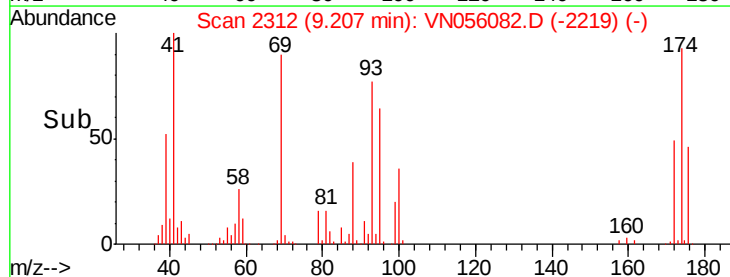
40000

20000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 51.291 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

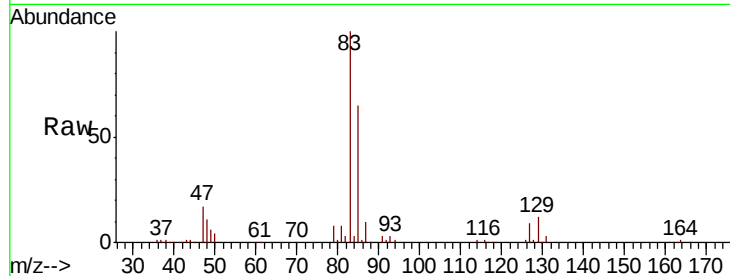
Tot Ion: 83 Resp: 176105

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

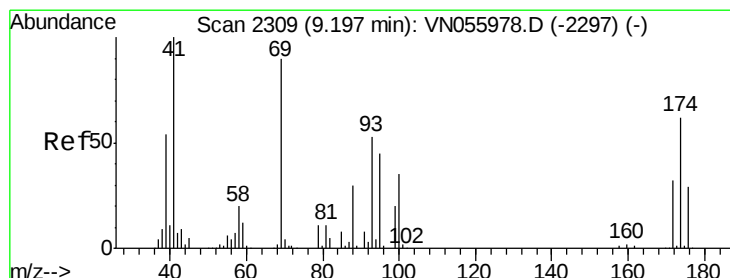
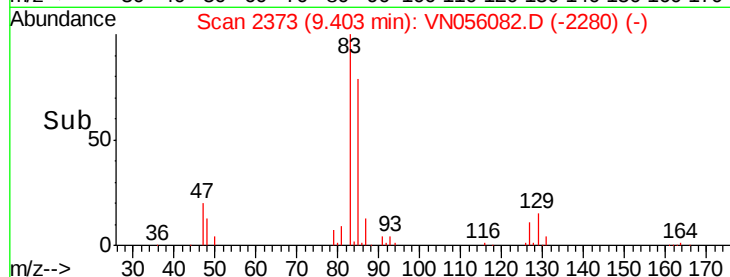
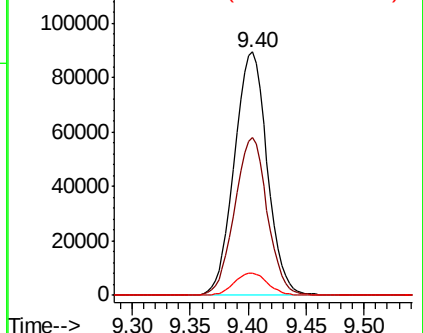
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#48

Methyl methacrylate

Concen: 54.900 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

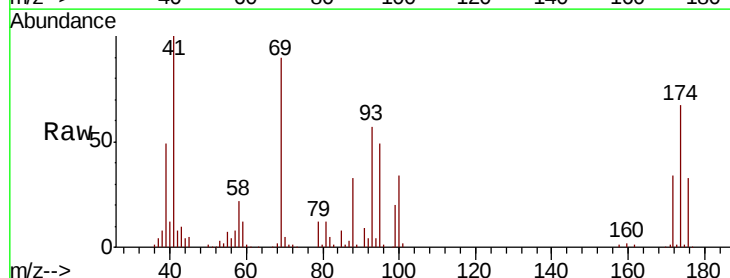
Tgt Ion: 41 Resp: 144206

Ion Ratio Lower Upper

41 100

69 91.4 71.0 106.6

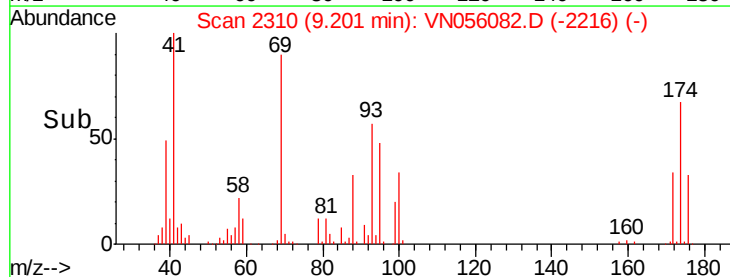
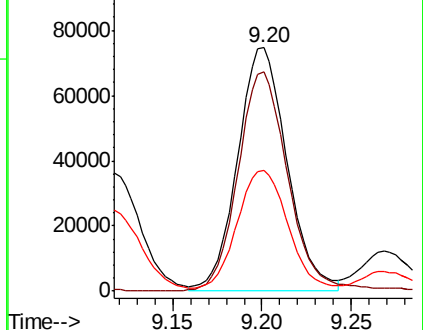
39 51.4 44.2 66.2

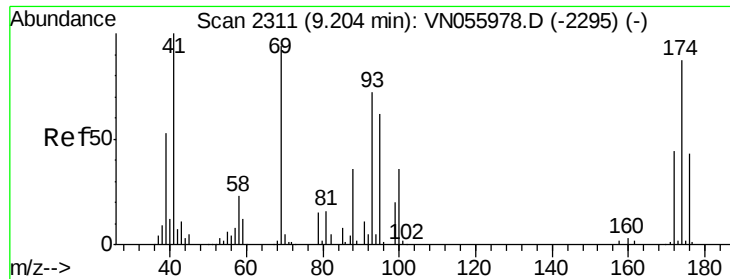


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1095.702 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

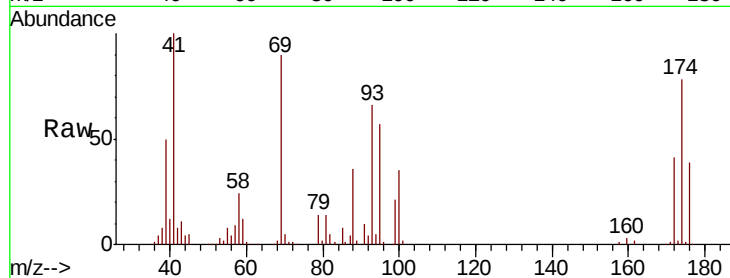
Tot Ion: 88 Resp: 62134

Ion Ratio Lower Upper

88 100

43 24.2 20.5 30.7

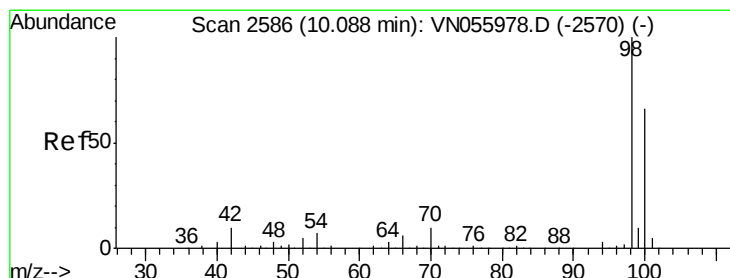
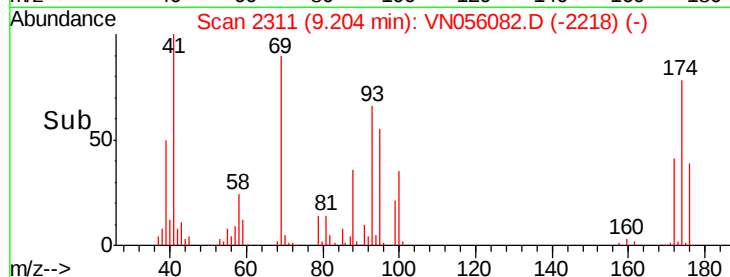
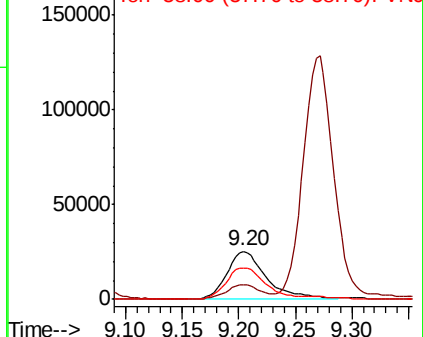
58 64.8 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.026 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056082.D

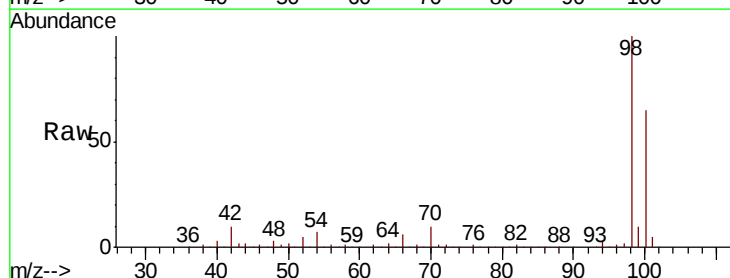
Acq: 7 Jun 2019 7:14

Tgt Ion: 98 Resp: 521704

Ion Ratio Lower Upper

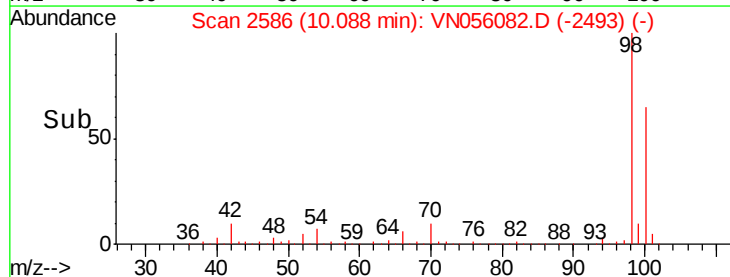
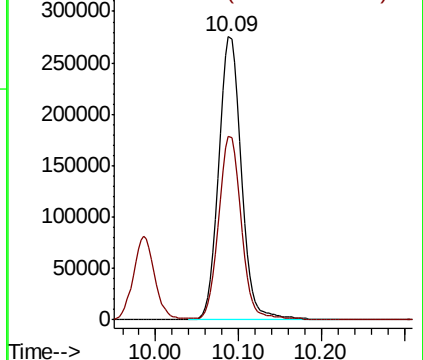
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 277.401 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

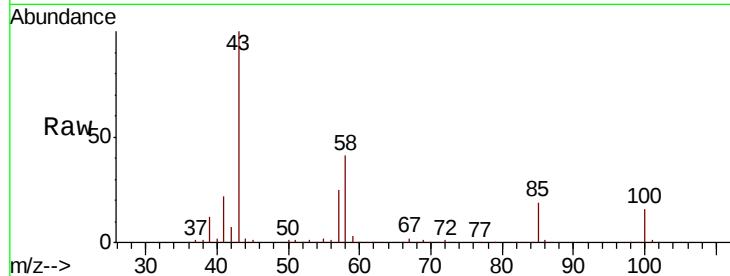
BPS1-TT-MW304S-30190604MSD

Tot Ion: 43 Resp: 931383

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500000

400000

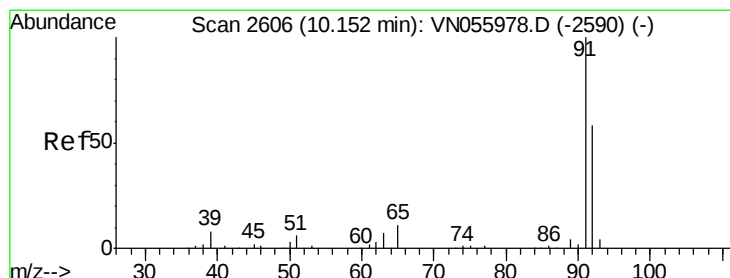
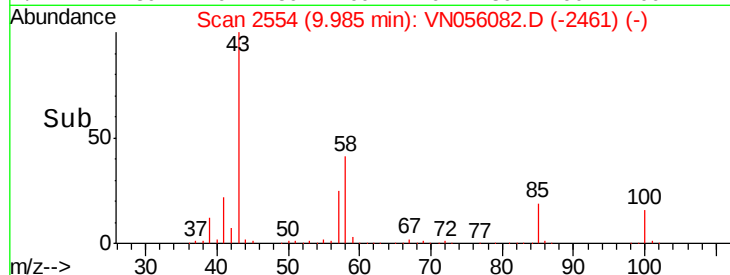
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.944 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056082.D

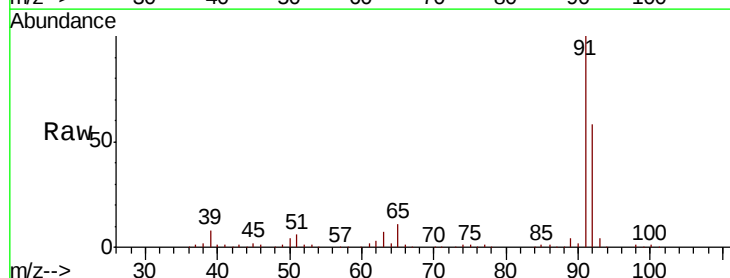
Acq: 7 Jun 2019 7:14

Tgt Ion: 92 Resp: 358534

Ion Ratio Lower Upper

92 100

91 173.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.15

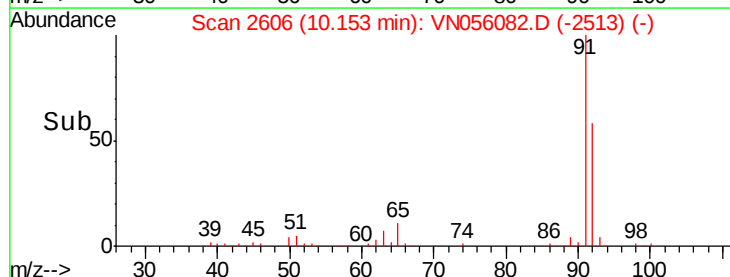
300000

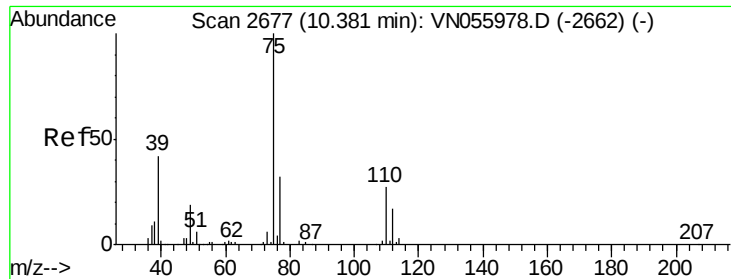
200000

100000

0

Time-->

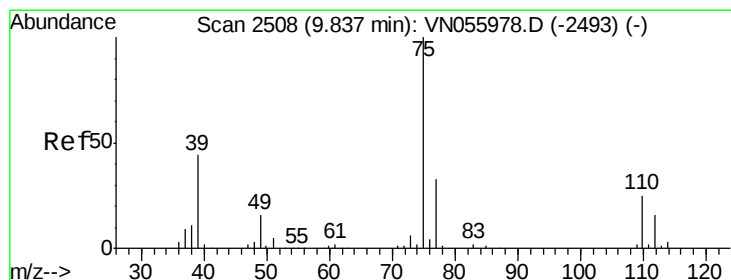
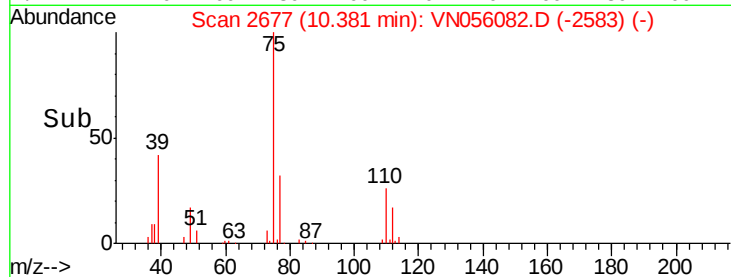
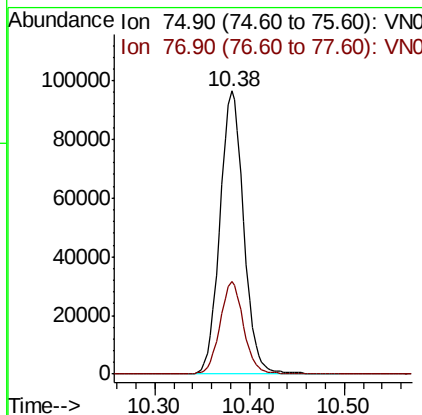
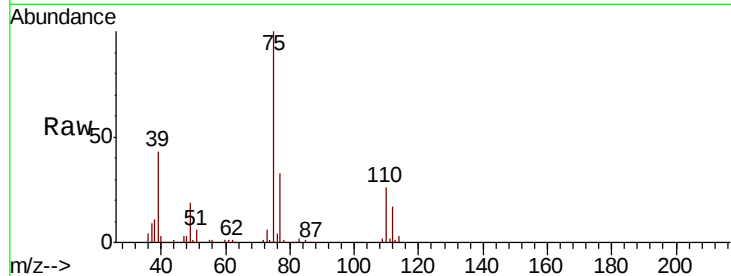




#53
 t-1,3-Dichloropropene
 Concen: 42.334 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

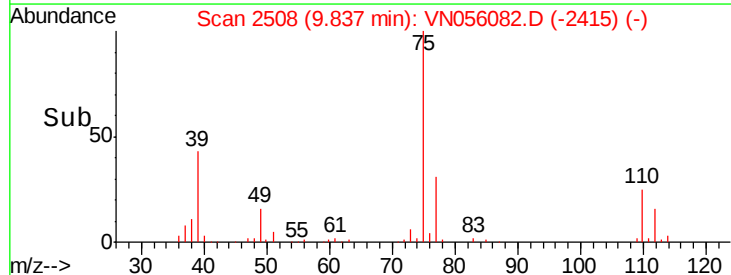
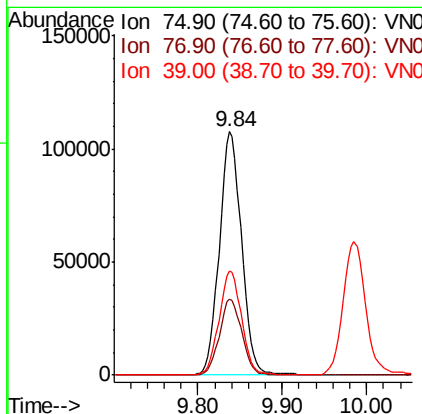
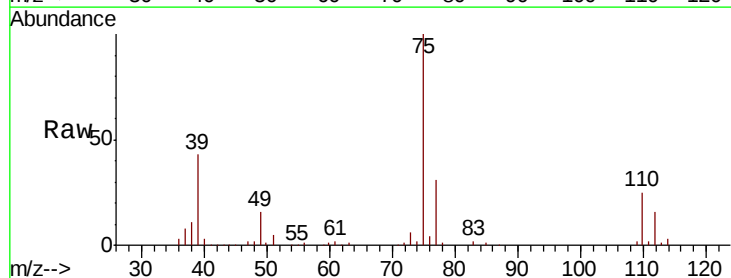
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

Tot Ion: 75 Resp: 168859
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.783 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion: 75 Resp: 197200
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 42.9 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 52.554 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

Tot Ion: 97 Resp: 146509

Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.0	100.6
85	54.5	44.0	66.0
99	62.7	50.6	75.8

Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

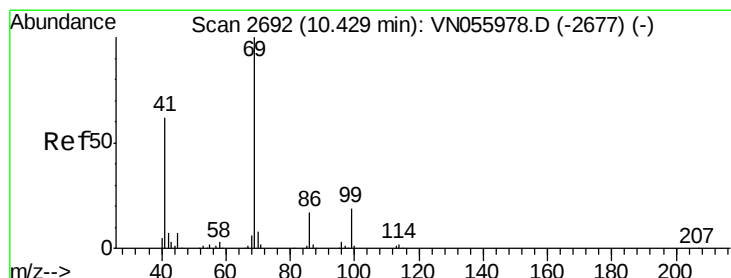
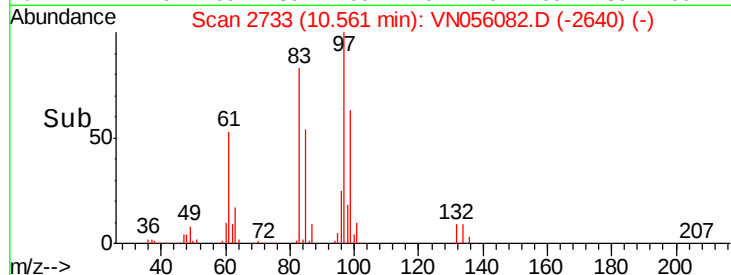
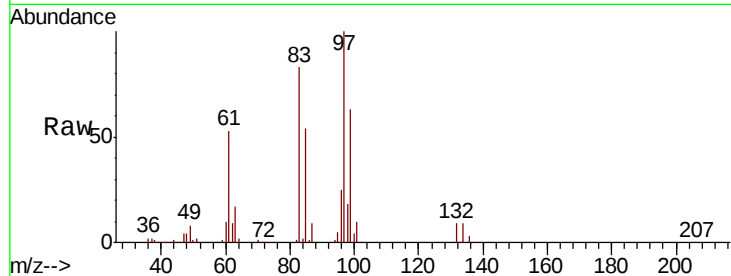
40000

20000

0

10.50 10.55 10.60 10.65

Time-->



#56

Ethyl methacrylate

Concen: 54.851 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Tgt Ion: 69 Resp: 223082

Ion	Ratio	Lower	Upper
69	100		
41	60.7	49.7	74.5
39	29.2	24.7	37.1

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

150000

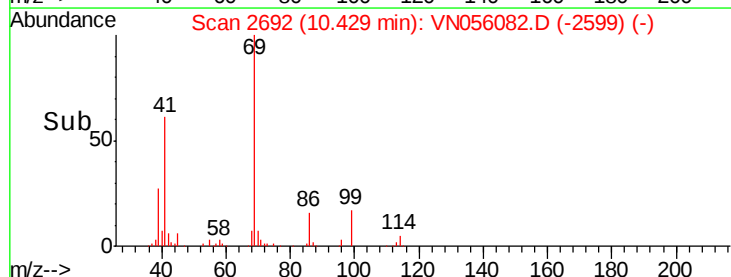
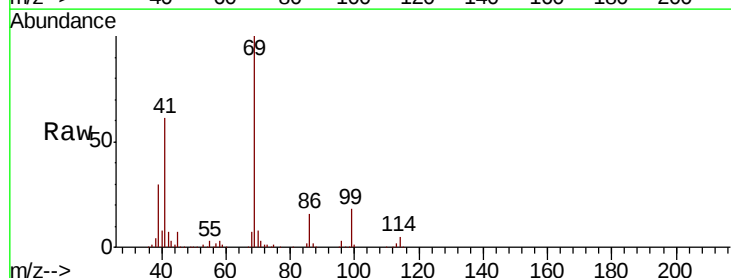
100000

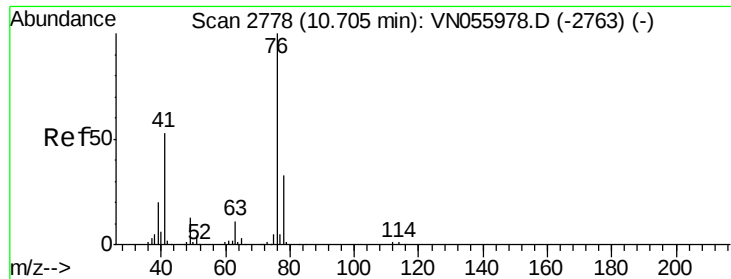
50000

0

10.30 10.40 10.50 10.60

Time-->





#57

1,3-Dichloropropane

Concen: 52.202 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

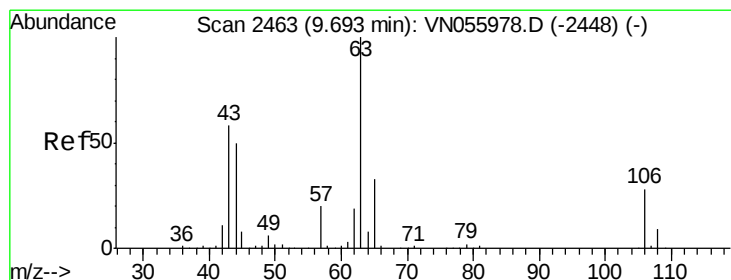
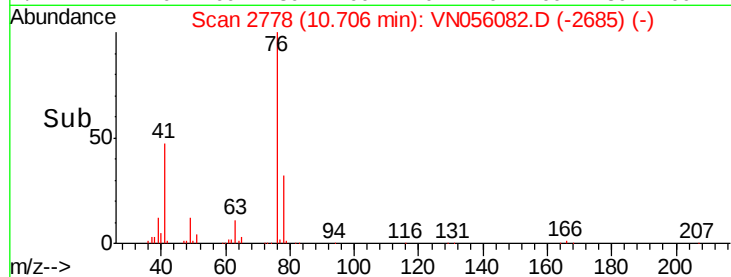
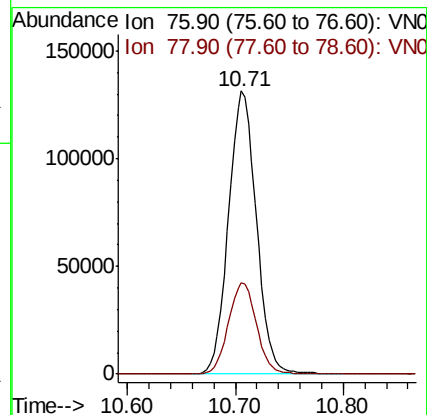
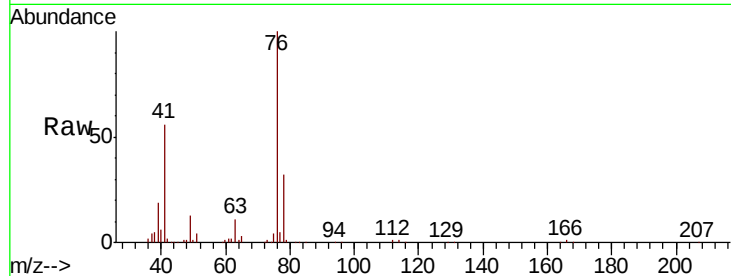
BPS1-TT-MW304S-30190604MSD

Tot Ion: 76 Resp: 236572

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 15.489 ug/l

RT: 9.73 min Scan# 2476

Delta R.T. 0.04 min

Lab File: VN056082.D

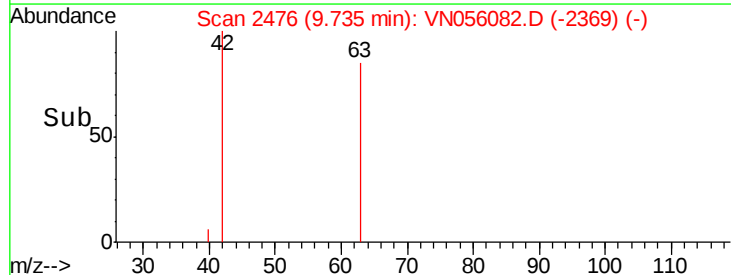
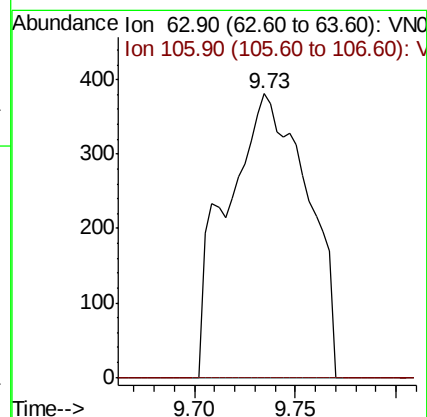
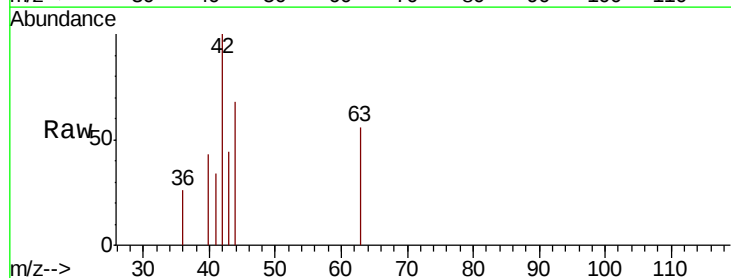
Acq: 7 Jun 2019 7:14

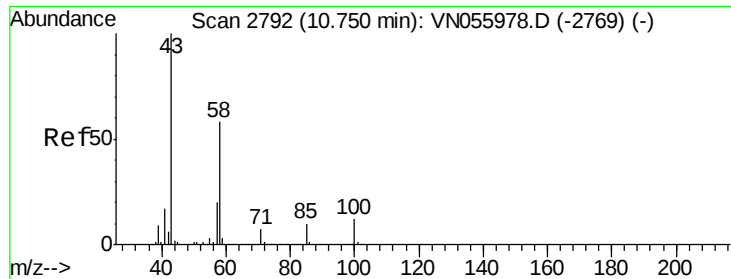
Tgt Ion: 63 Resp: 1054

Ion Ratio Lower Upper

63 100

106 0.0 22.7 34.1#

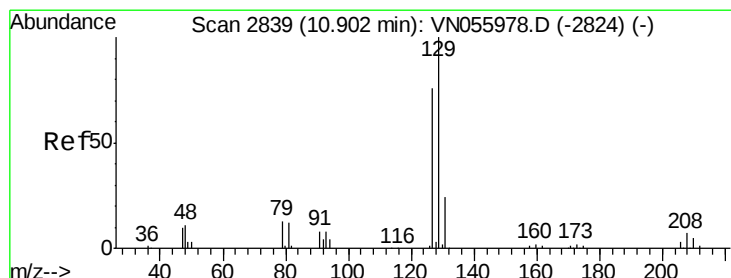
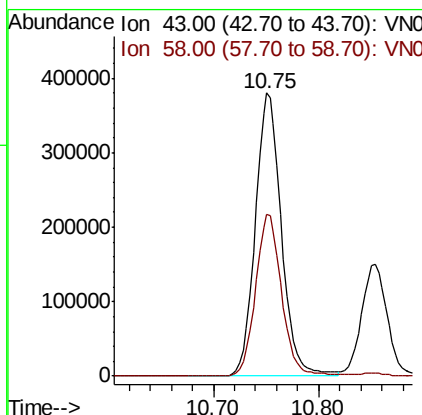
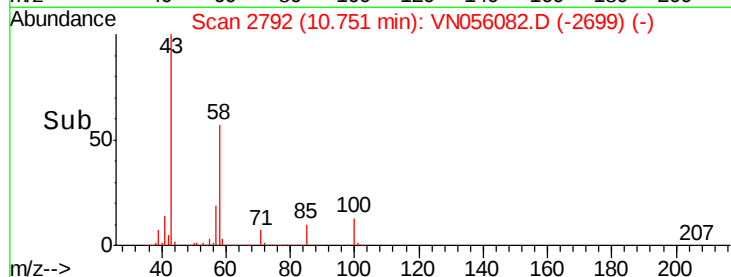
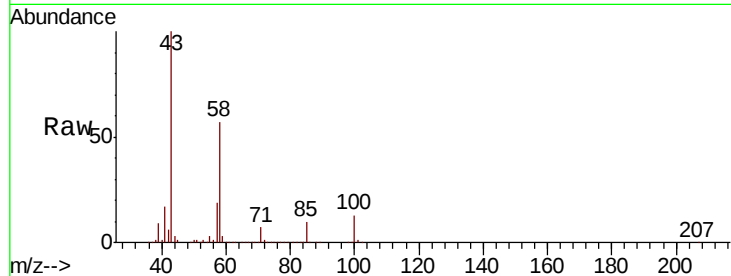




#59
2-Hexanone
Concen: 269.927 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

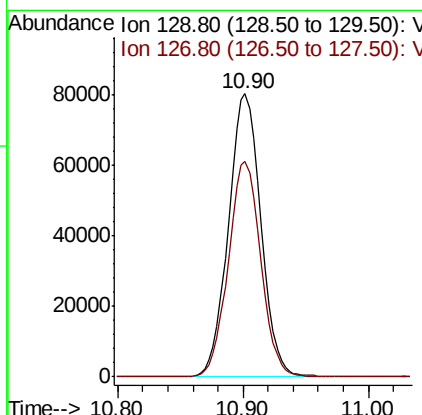
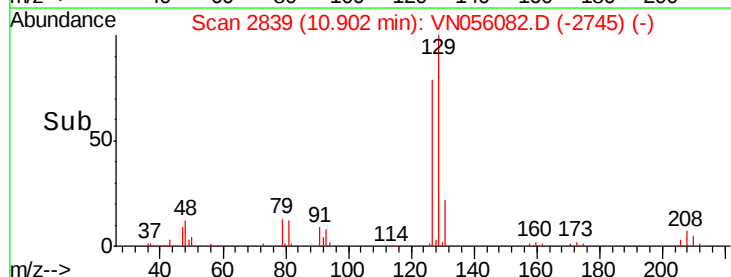
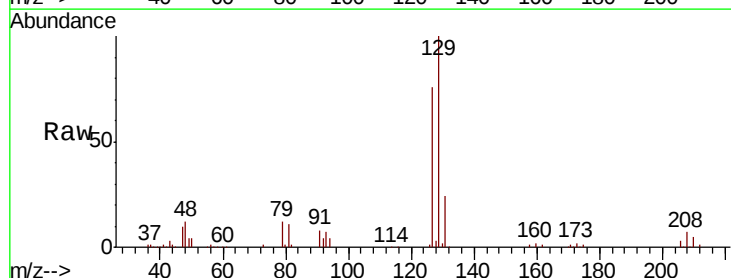
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion: 43 Resp: 656856
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.7



#60
Dibromochloromethane
Concen: 47.169 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 129 Resp: 144578
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.3

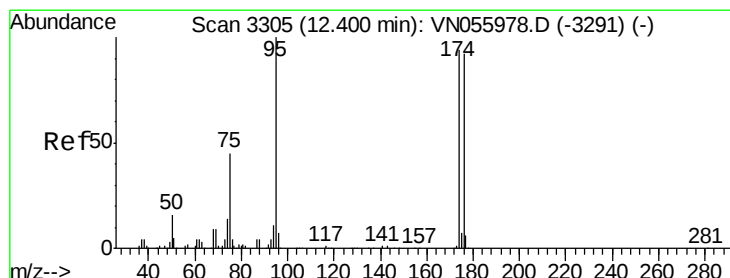
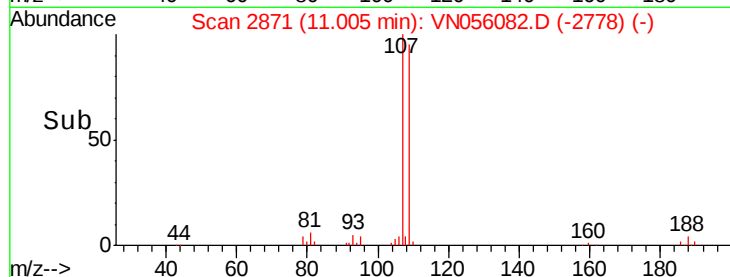
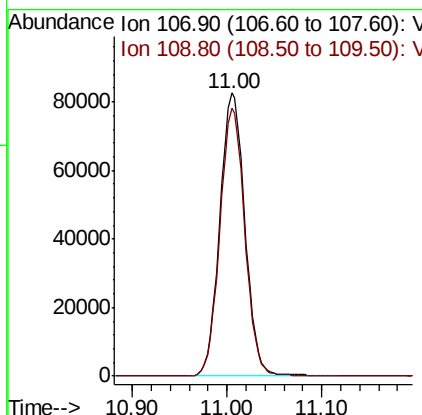
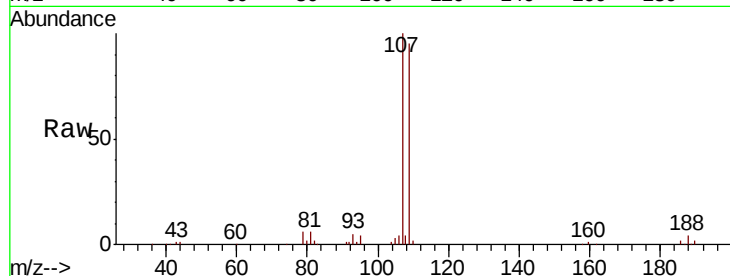




#61
 1,2-Dibromoethane
 Concen: 53.401 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

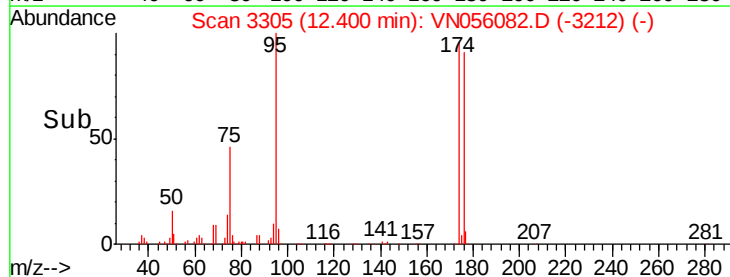
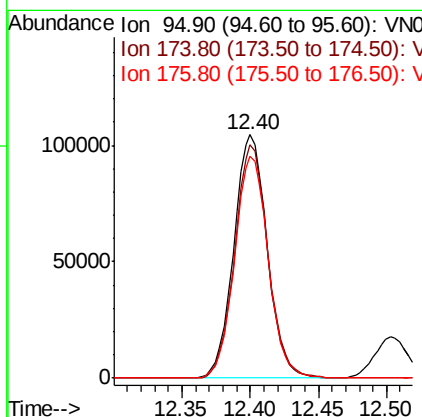
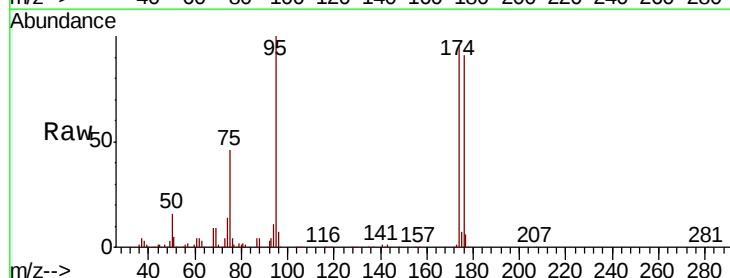
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

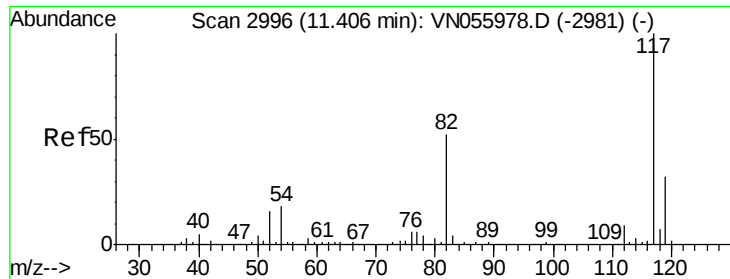
Tot Ion: 107 Resp: 152190
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.048 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion: 95 Resp: 177494
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 191.0
 176 91.9 0.0 185.2

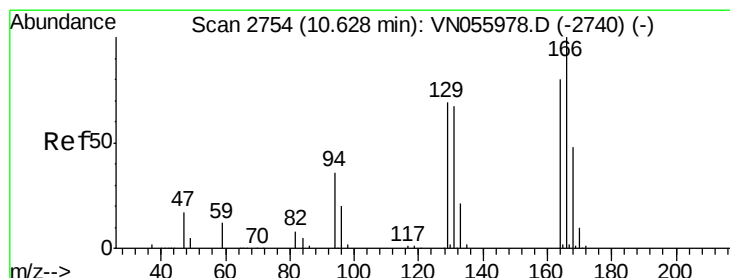
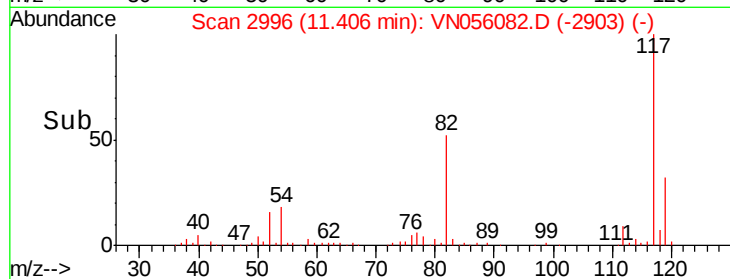
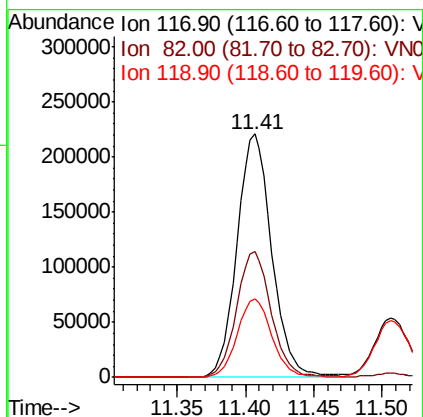
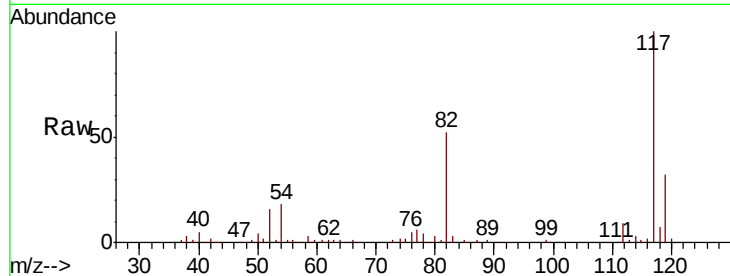




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

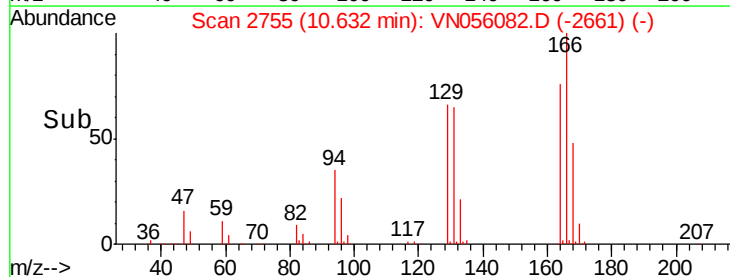
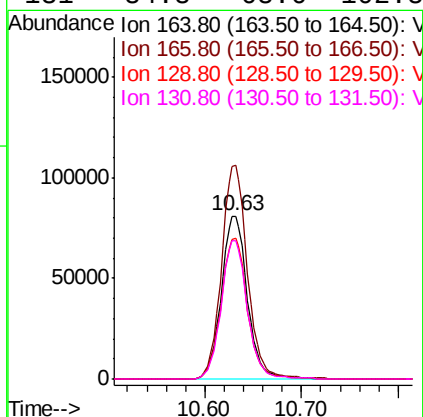
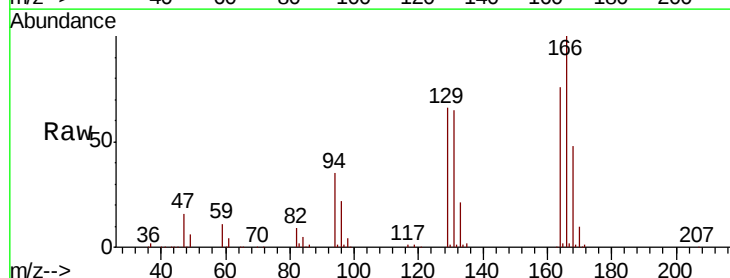
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

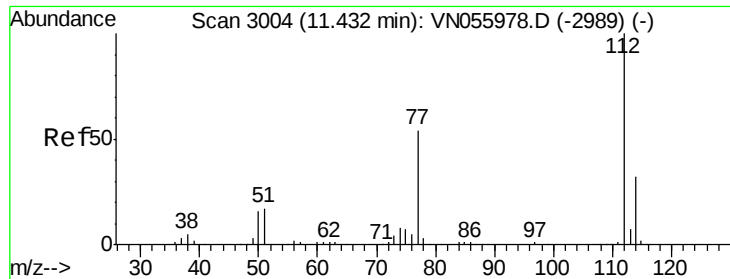
Tot Ion:117 Resp: 390954
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 44.610 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion:164 Resp: 150965
Ion Ratio Lower Upper
164 100
166 130.9 103.0 154.6
129 86.4 70.6 105.8
131 84.8 68.6 102.8

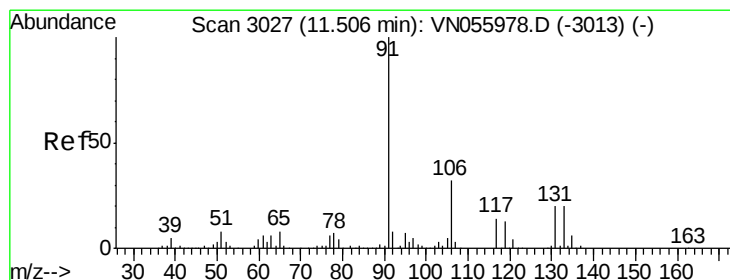
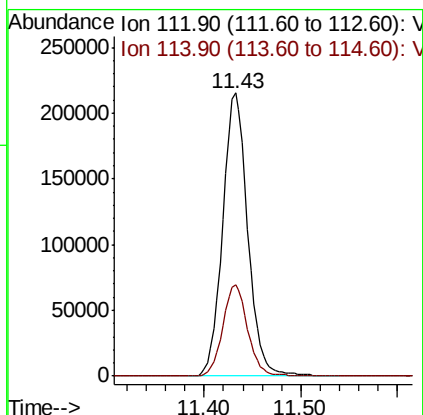
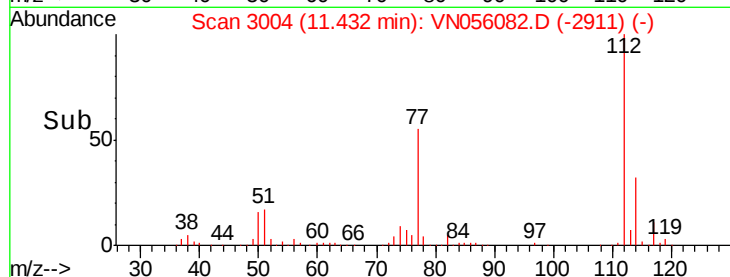
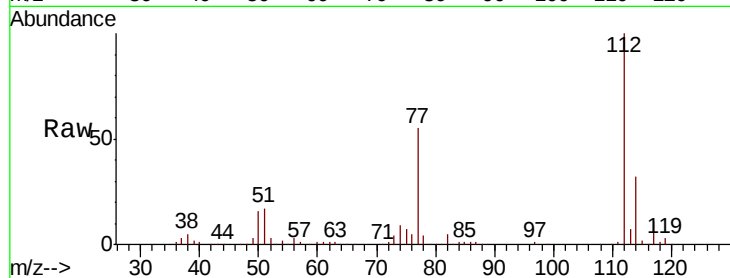




#65
Chlorobenzene
Concen: 49.779 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

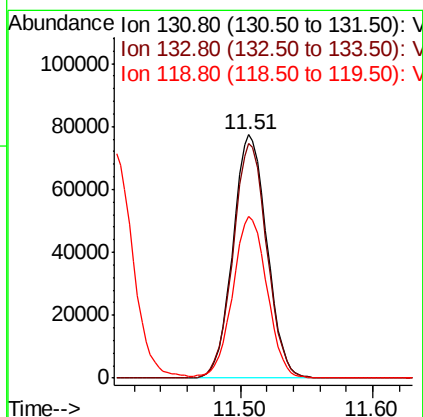
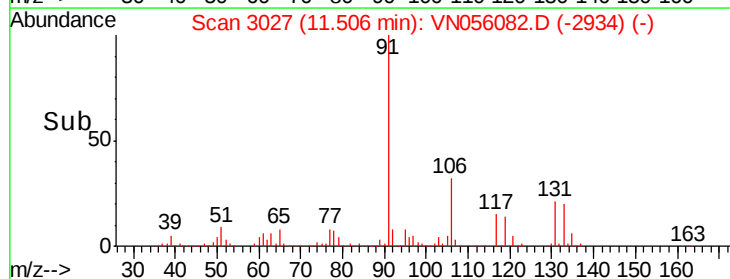
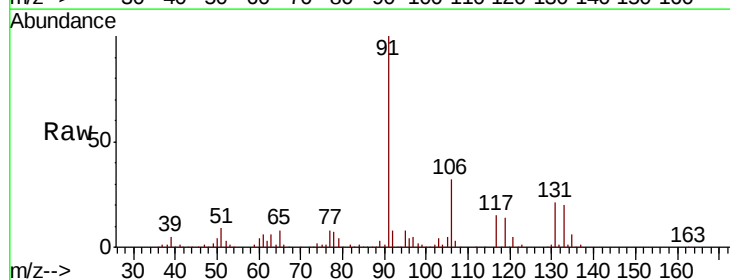
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

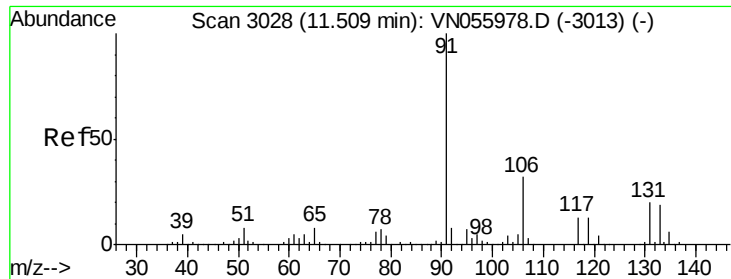
Tot Ion:112 Resp: 387320
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.392 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion:131 Resp: 138071
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 66.8 33.1 99.5

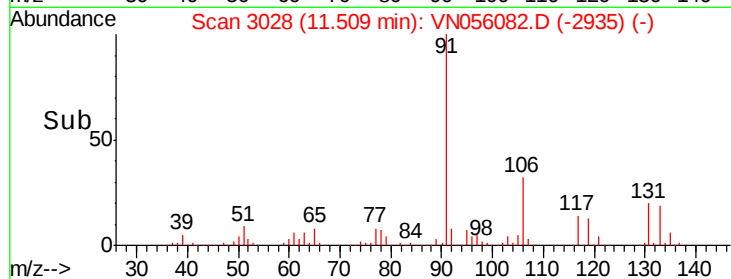
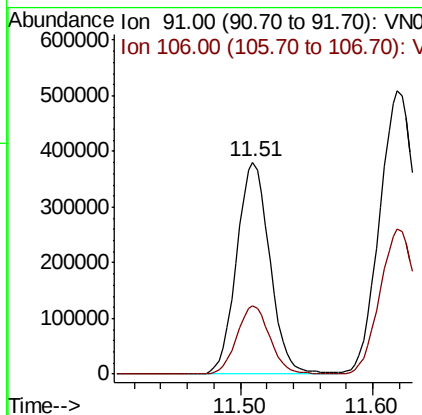
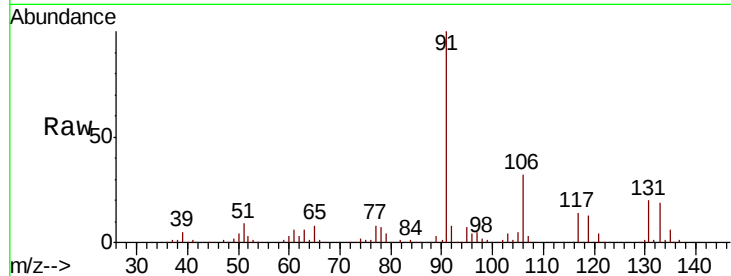




#67
Ethyl Benzene
Concen: 48.961 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

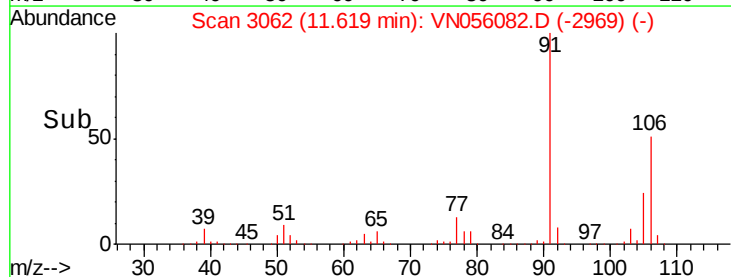
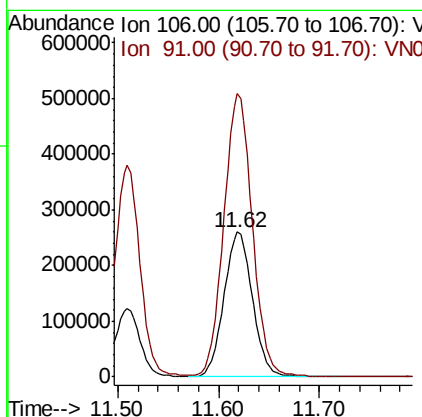
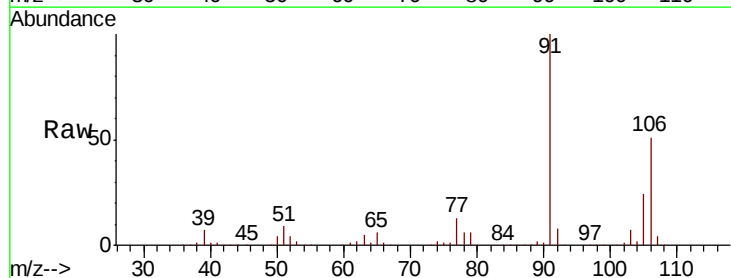
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

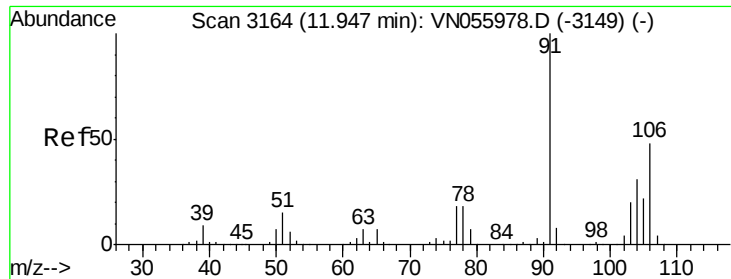
Tot Ion: 91 Resp: 662412
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 99.182 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 106 Resp: 512612
Ion Ratio Lower Upper
106 100
91 196.1 159.3 238.9

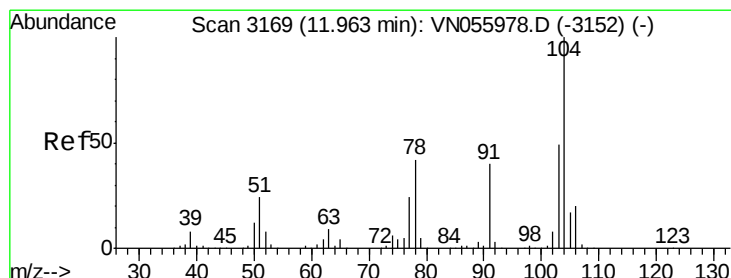
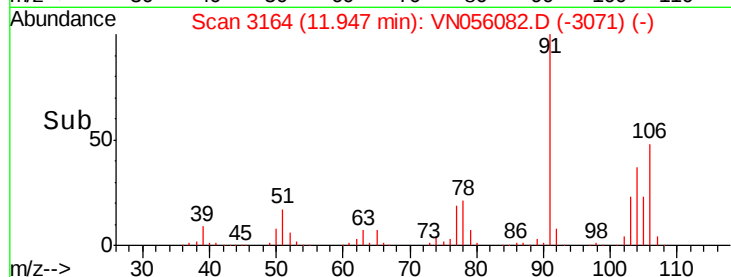
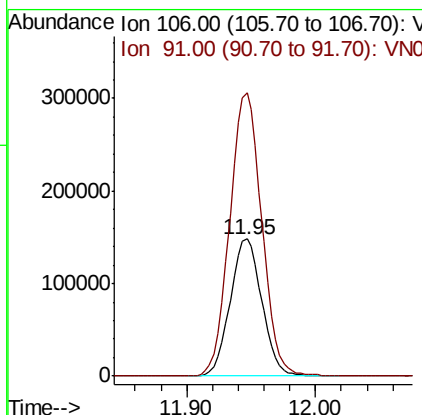
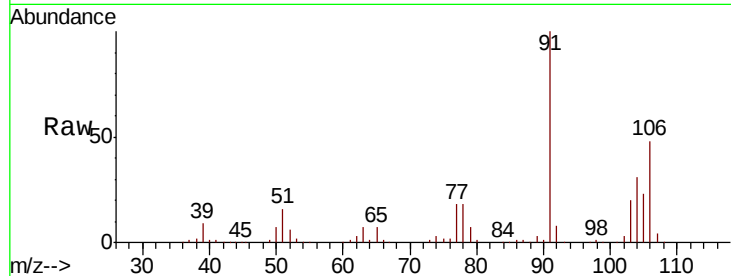




#69
o-Xylene
Concen: 49.724 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

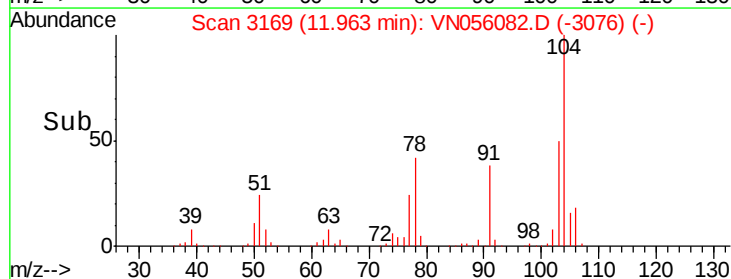
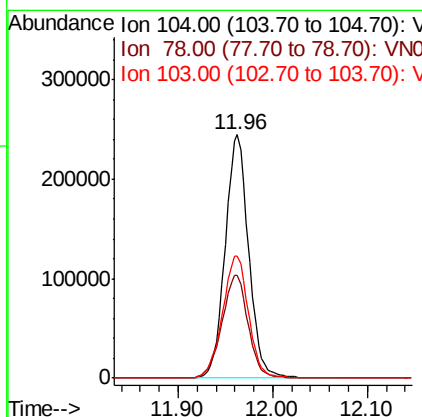
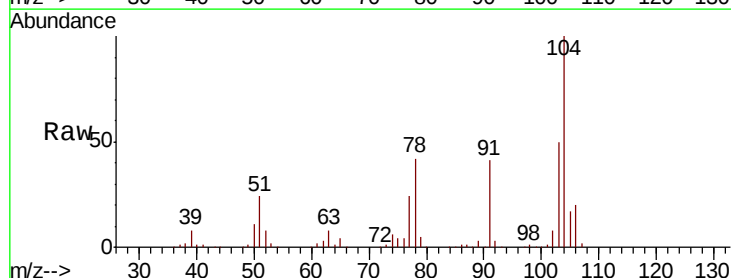
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion:106 Resp: 252794
Ion Ratio Lower Upper
106 100
91 208.6 104.7 314.1



#70
Styrene
Concen: 52.214 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion:104 Resp: 421766
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 55.4 44.2 66.2

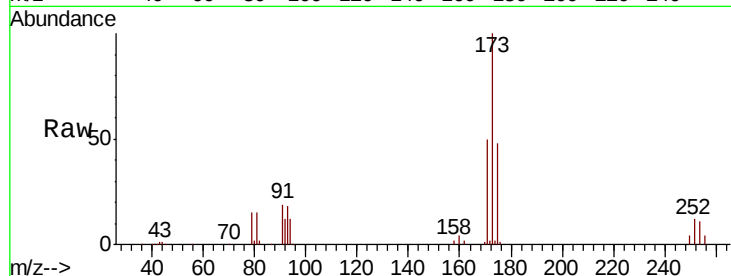




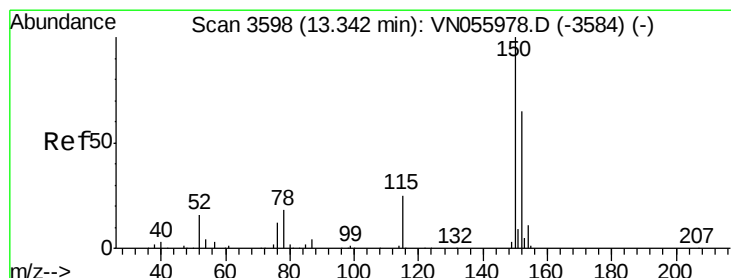
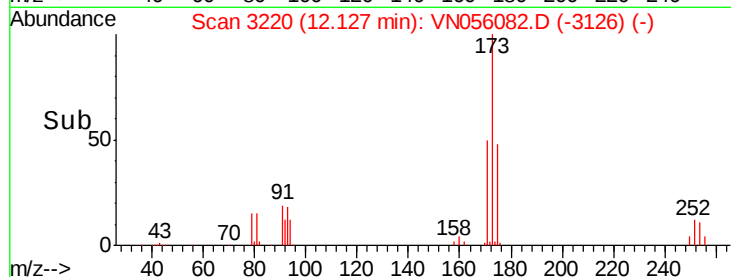
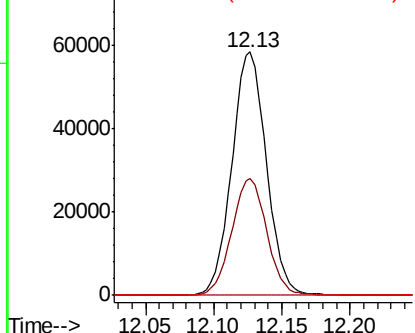
#71
Bromoform
Concen: 45.656 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

Tot Ion:173 Resp: 102412
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

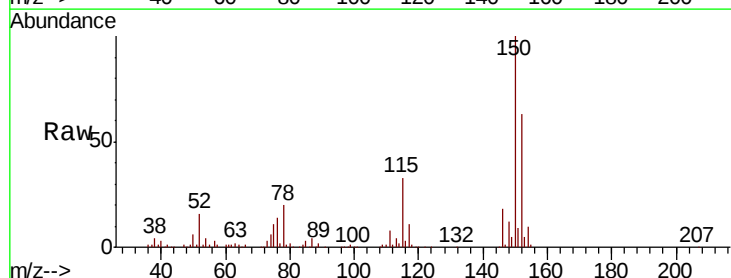


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

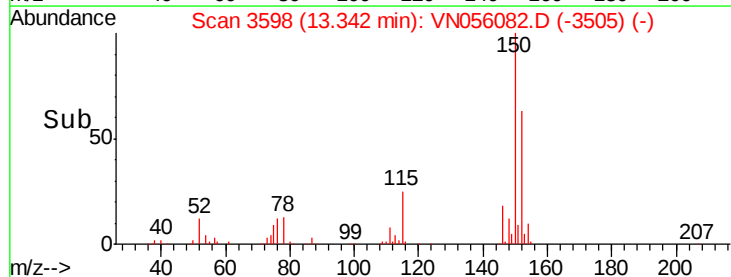
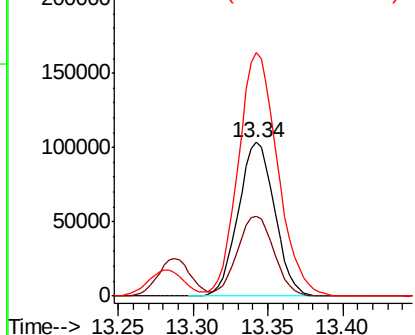


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion:152 Resp: 174639
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 172.0 0.0 343.2



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: 52.764 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

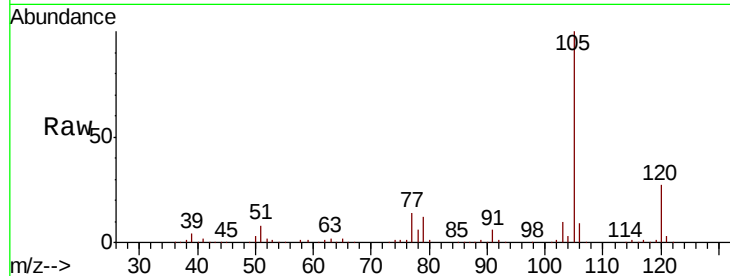
BPS1-TT-MW304S-30190604MSD

Tot Ion:105 Resp: 655155

Ion Ratio Lower Upper

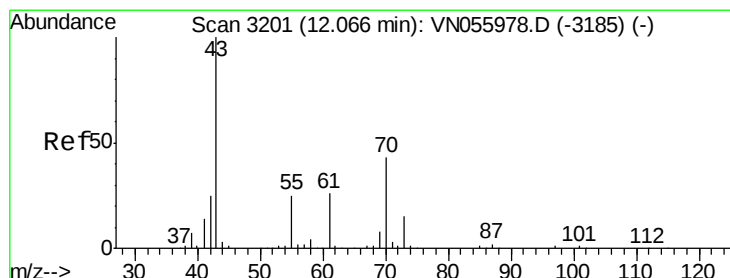
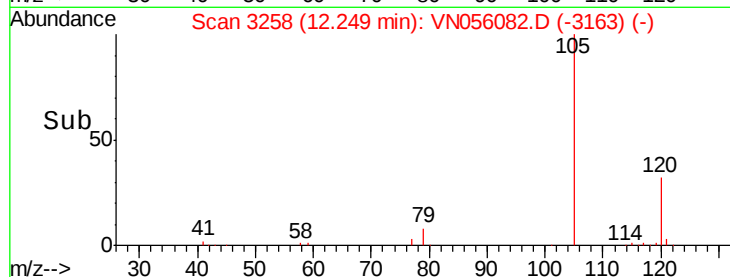
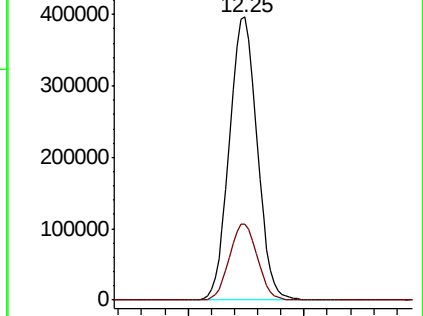
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.617 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Tgt Ion: 43 Resp: 235636

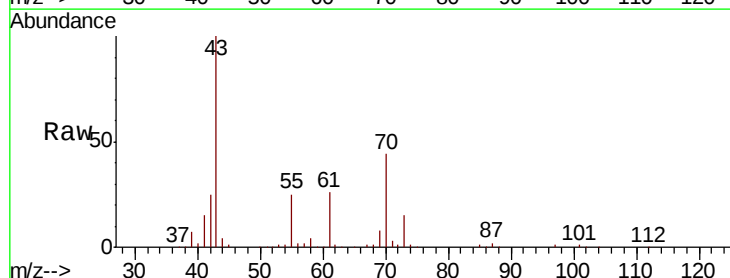
Ion Ratio Lower Upper

43 100

70 43.7 34.0 51.0

55 25.1 18.6 28.0

61 25.9 20.0 30.0

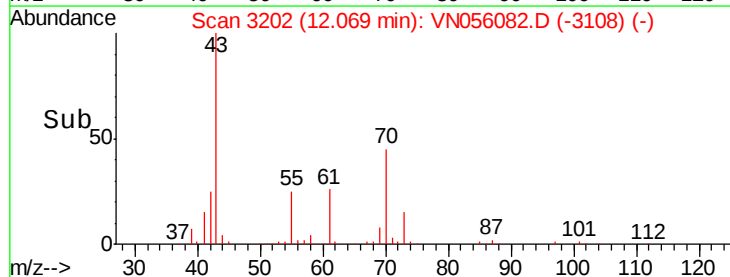
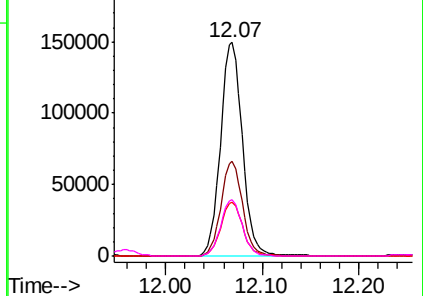


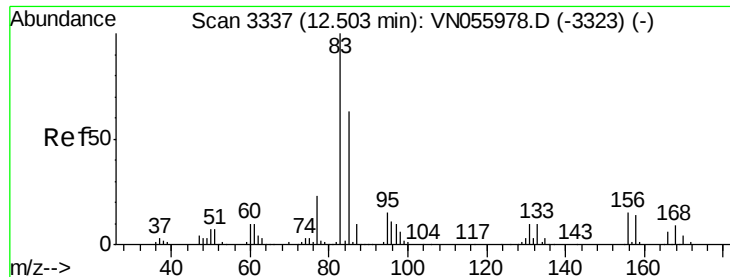
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.925 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

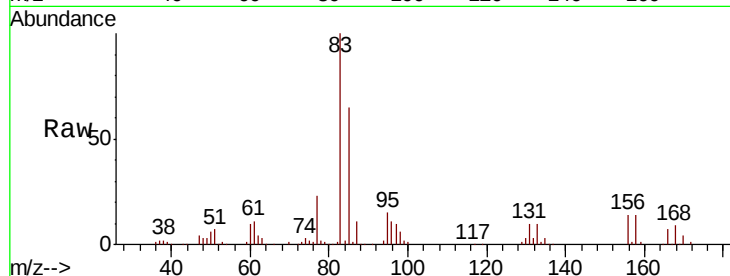
Tot Ion: 83 Resp: 202404

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

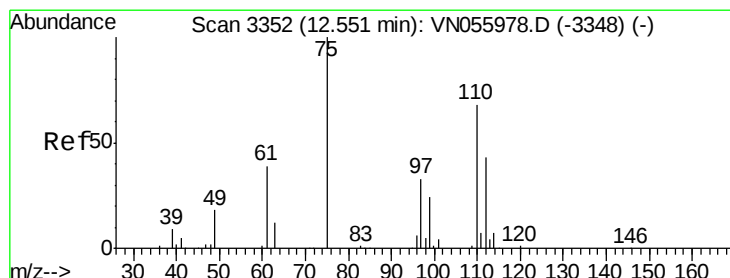
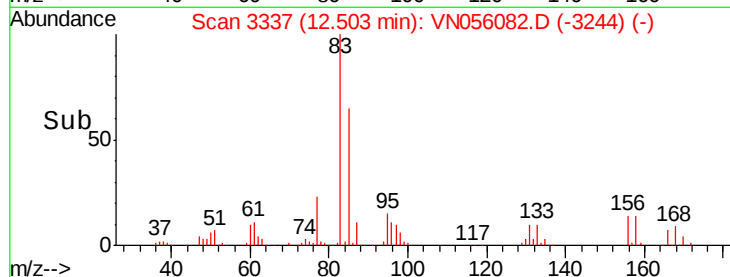
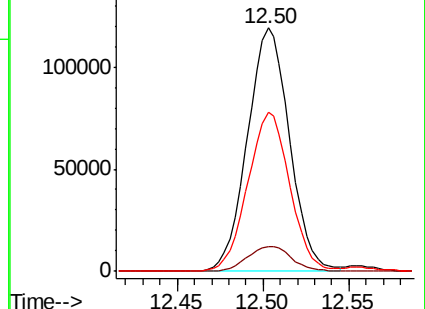
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 70.819 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056082.D

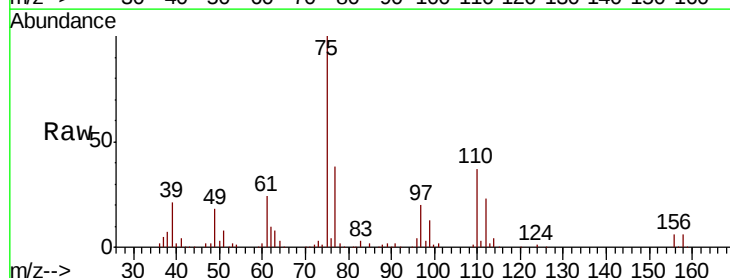
Acq: 7 Jun 2019 7:14

Tgt Ion: 75 Resp: 227573

Ion Ratio Lower Upper

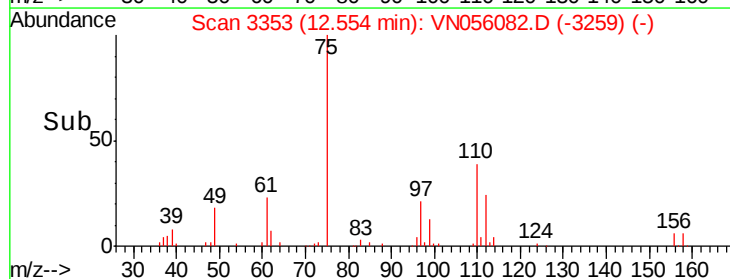
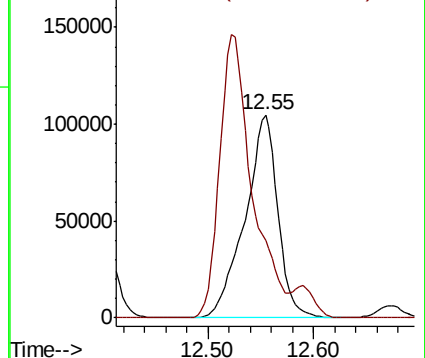
75 100

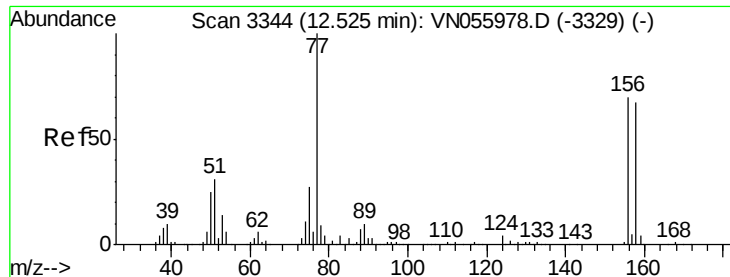
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 48.063 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

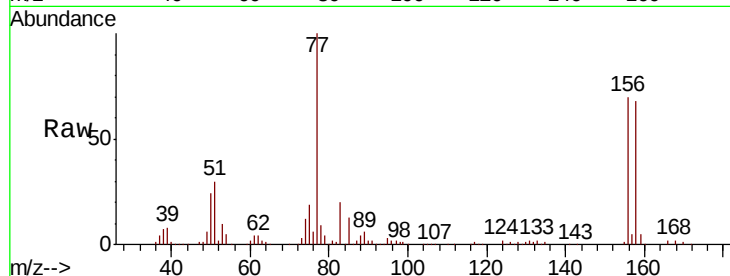
Tot Ion:156 Resp: 179706

Ion Ratio Lower Upper

156 100

77 174.8 90.8 272.5

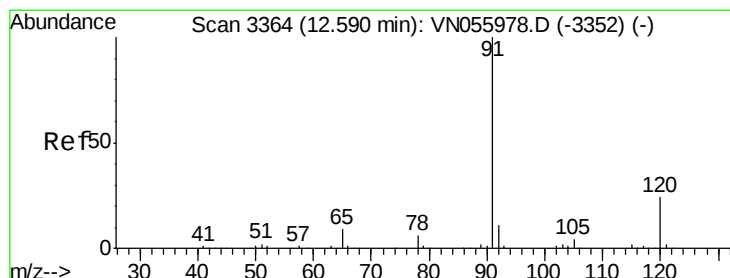
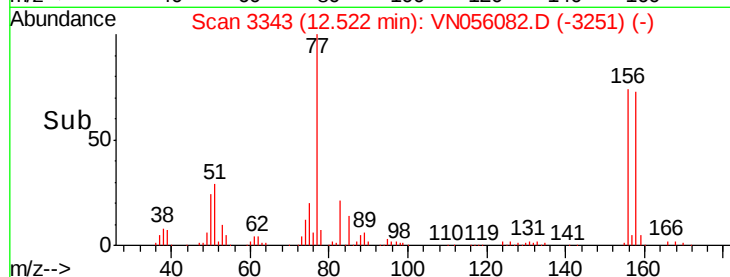
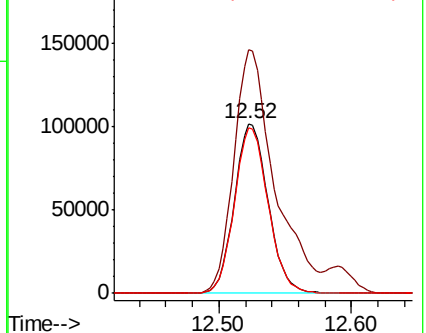
158 97.6 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.257 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056082.D

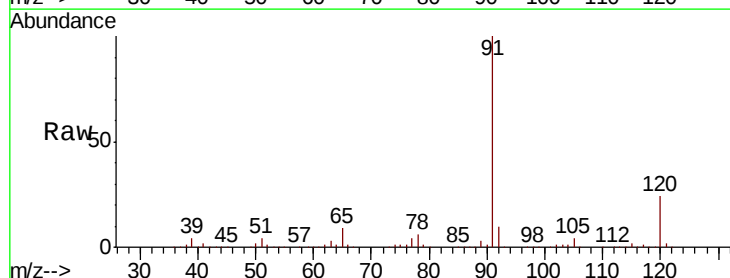
Acq: 7 Jun 2019 7:14

Tgt Ion: 91 Resp: 698191

Ion Ratio Lower Upper

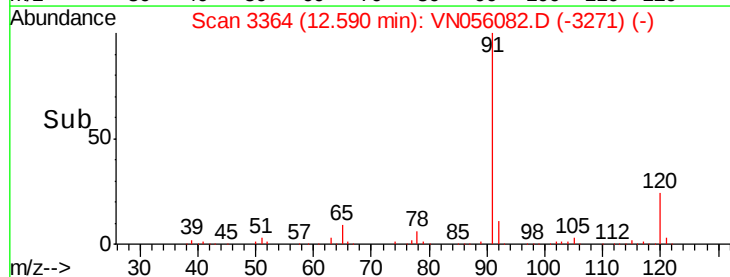
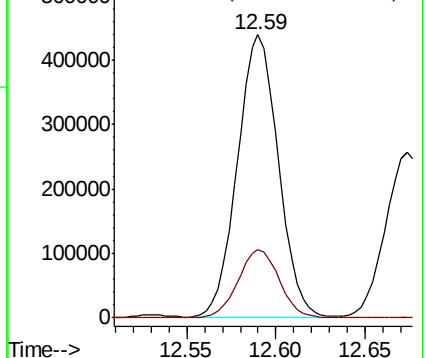
91 100

120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.604 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

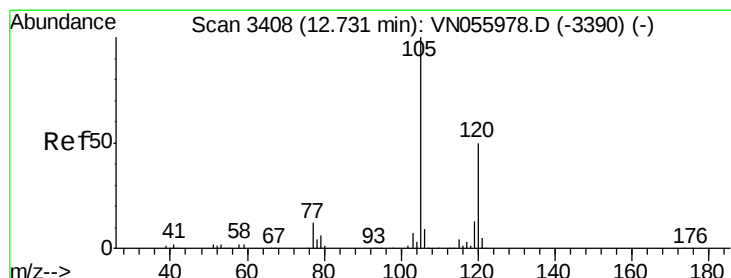
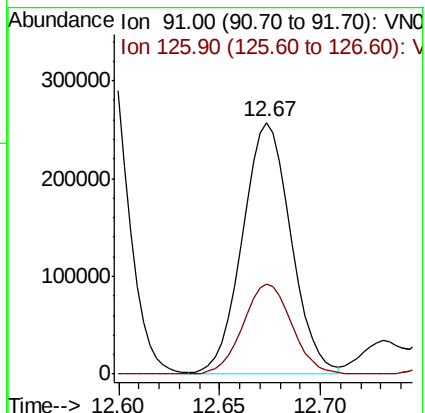
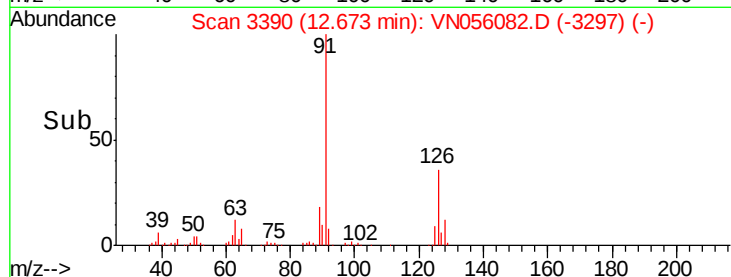
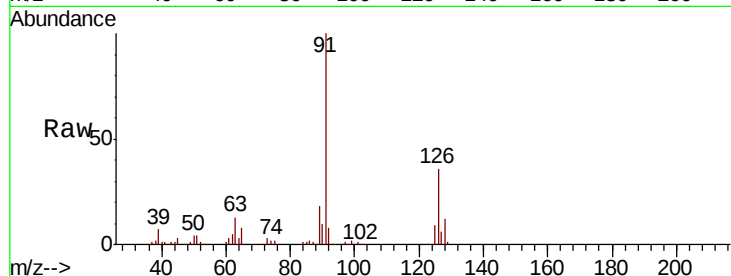
BPS1-TT-MW304S-30190604MSD

Tot Ion: 91 Resp: 430090

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 46.141 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056082.D

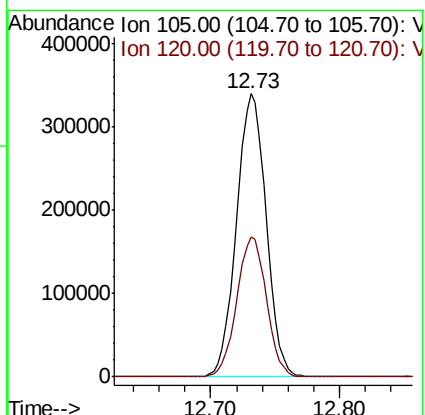
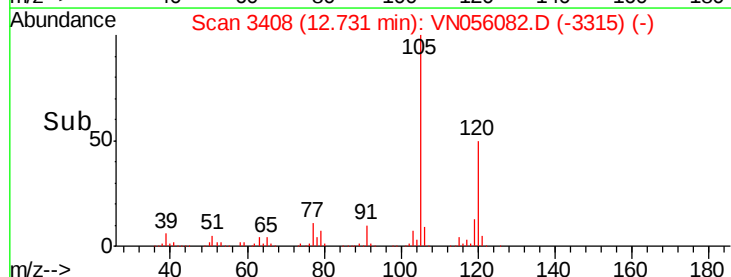
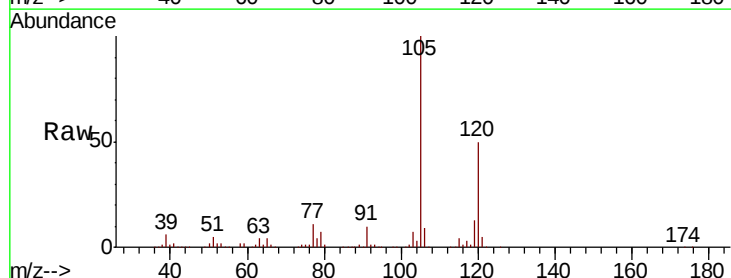
Acq: 7 Jun 2019 7:14

Tgt Ion:105 Resp: 541792

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 41.029 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

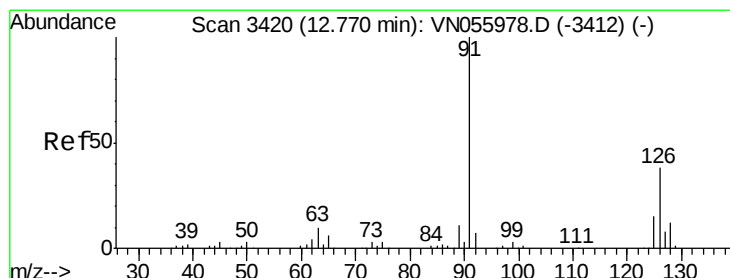
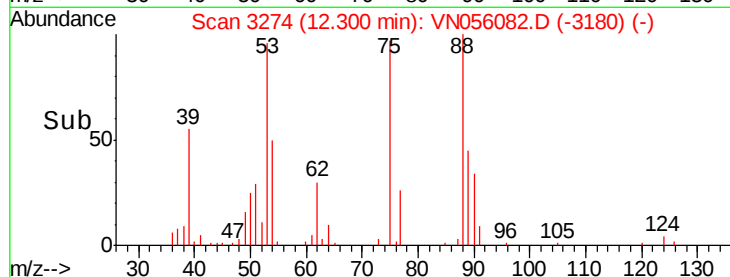
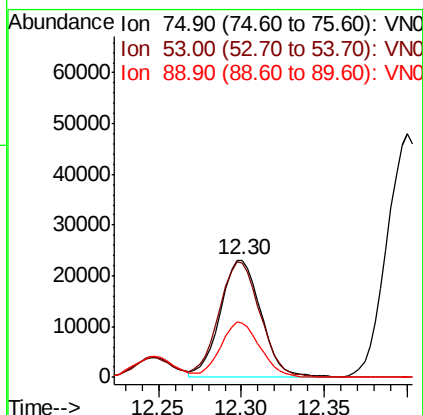
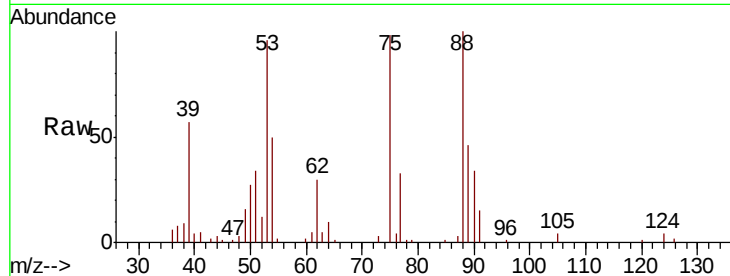
Tot Ion: 75 Resp: 39591

Ion Ratio Lower Upper

75 100

53 100.3 68.1 102.1

89 45.5 36.9 55.3



#82

4-Chlorotoluene

Concen: 48.176 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056082.D

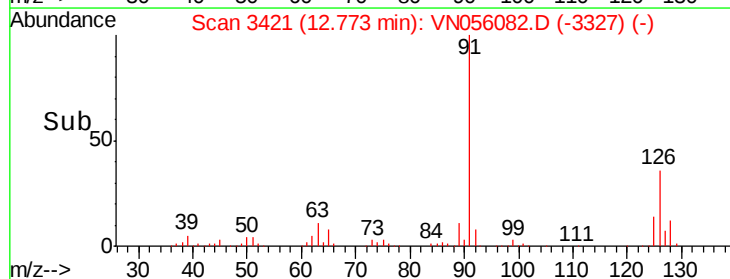
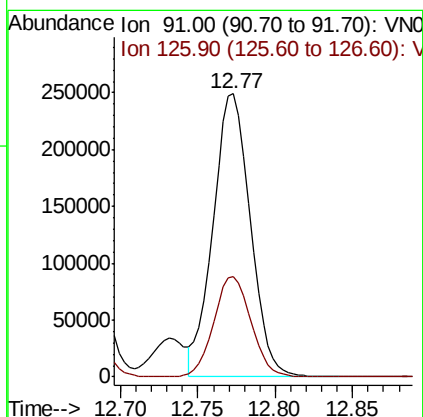
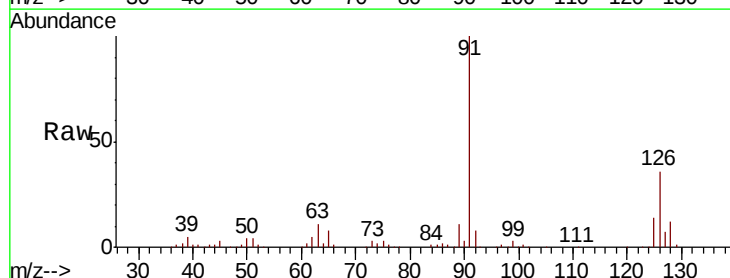
Acq: 7 Jun 2019 7:14

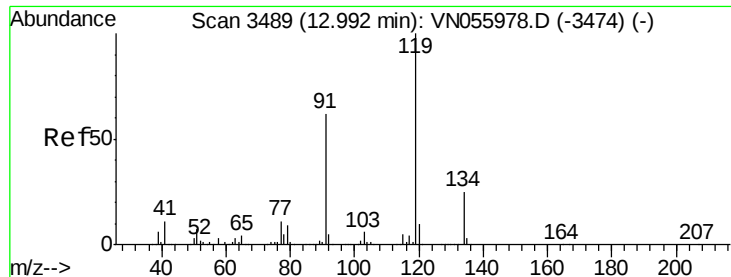
Tgt Ion: 91 Resp: 416418

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.3





#83

tert-Butylbenzene

Concen: 52.686 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

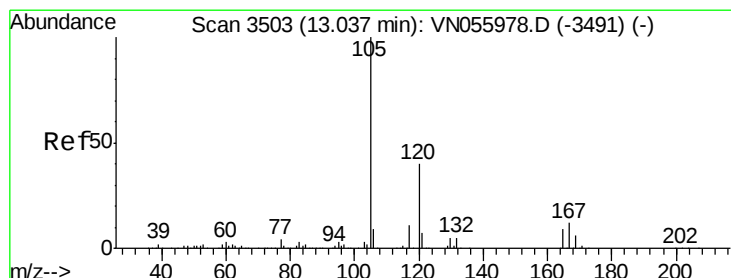
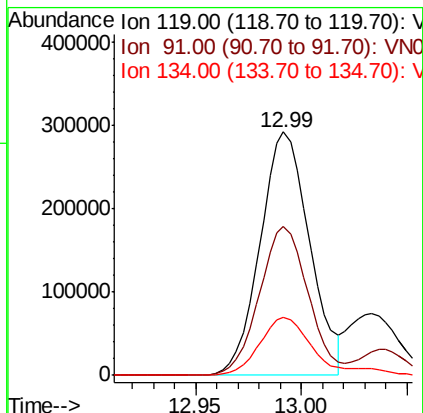
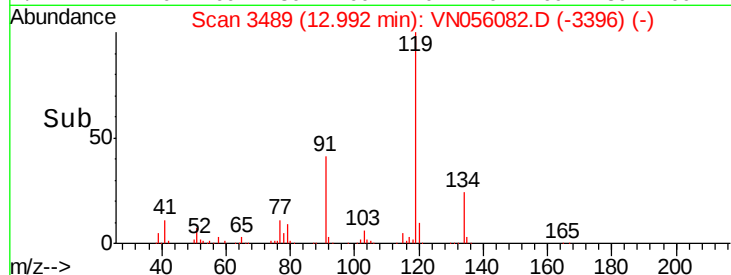
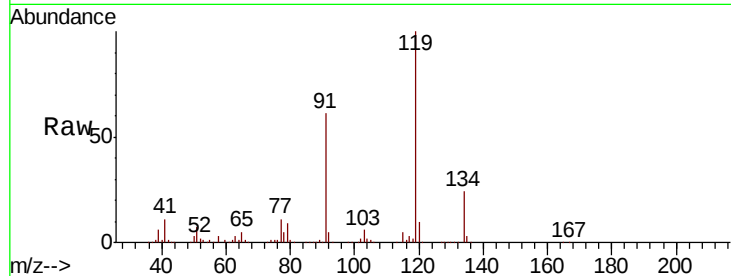
Tot Ion:119 Resp: 478665

Ion Ratio Lower Upper

119 100

91 60.3 30.9 92.8

134 26.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 47.683 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN056082.D

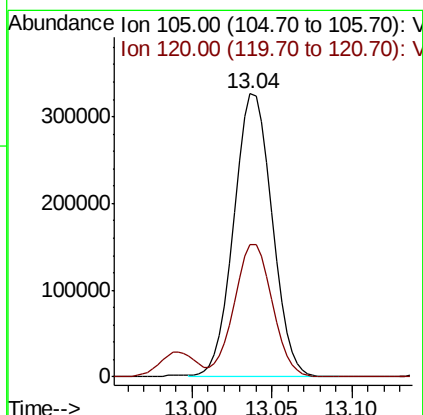
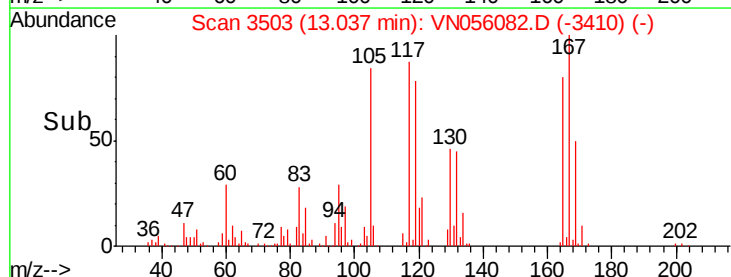
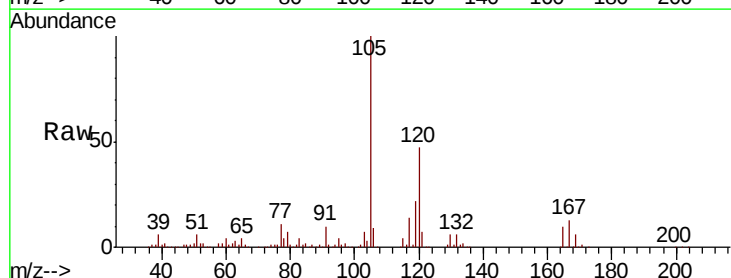
Acq: 7 Jun 2019 7:14

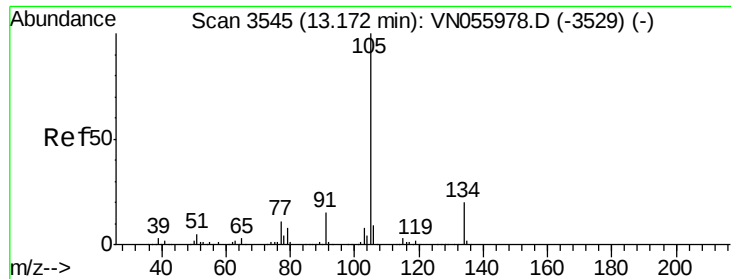
Tgt Ion:105 Resp: 530945

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0

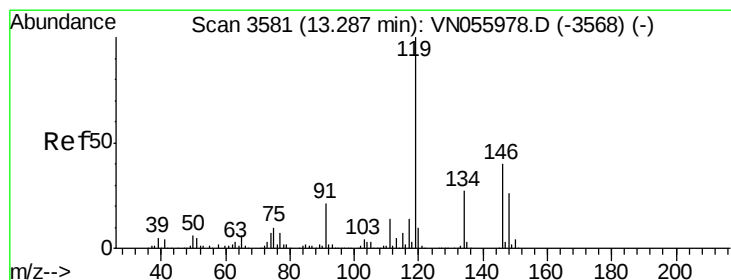
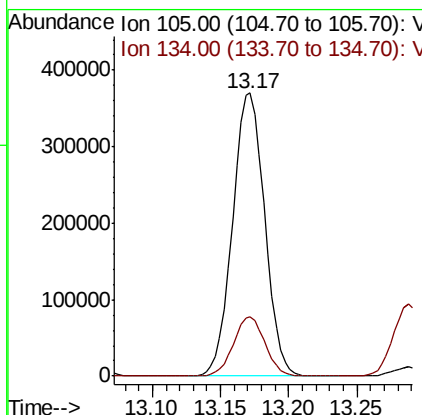
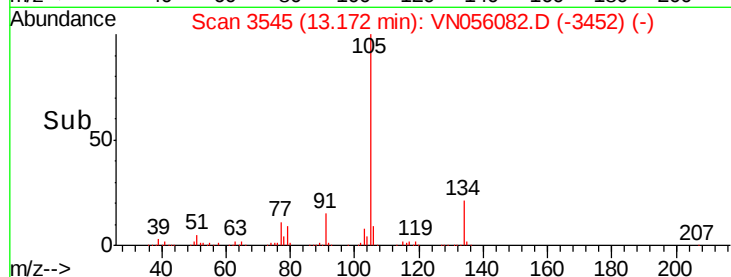
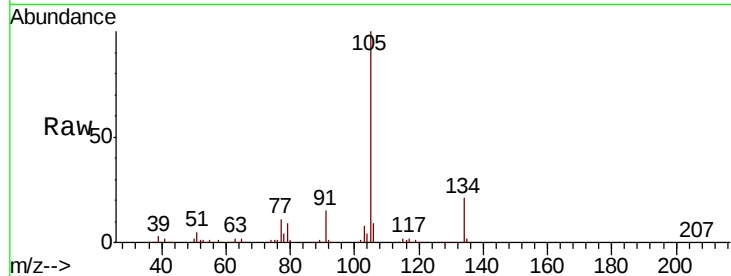




#85
 sec-Butylbenzene
 Concen: 46.127 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

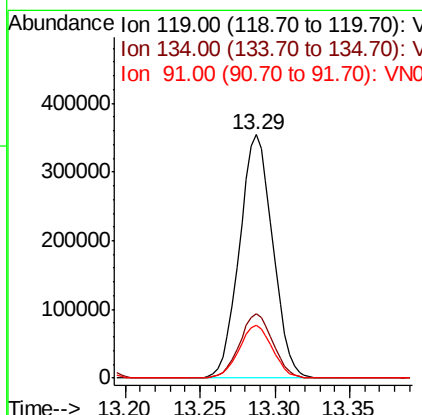
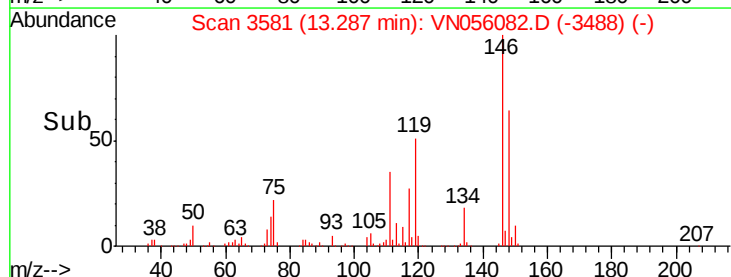
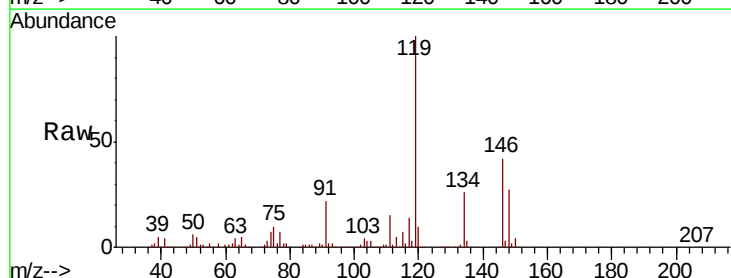
Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

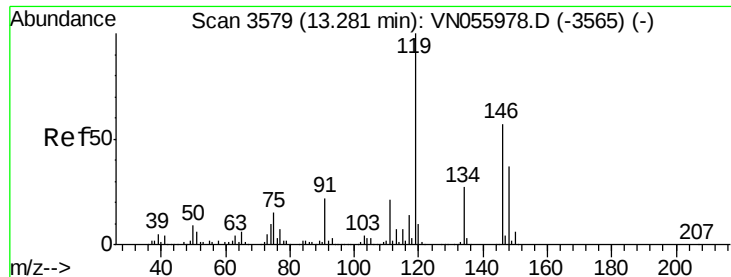
Tot Ion:105 Resp: 603530
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 46.704 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion:119 Resp: 546891
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 21.8 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.501 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

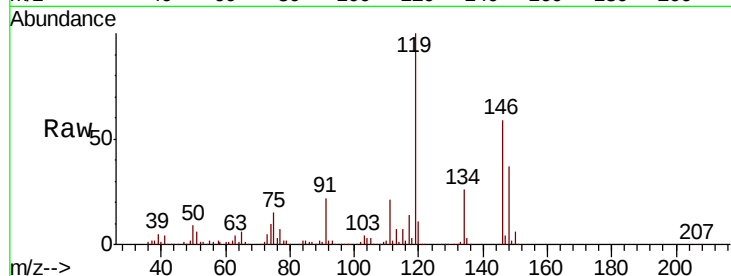
Tot Ion:146 Resp: 286454

Ion Ratio Lower Upper

146 100

111 36.0 18.5 55.5

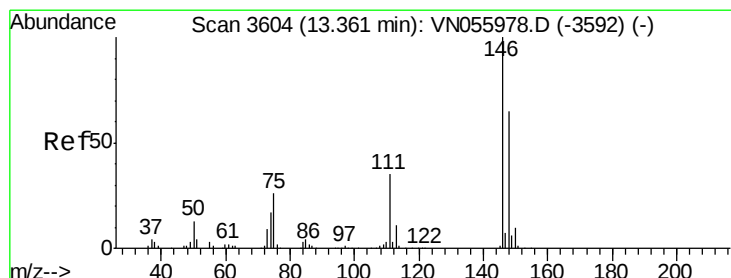
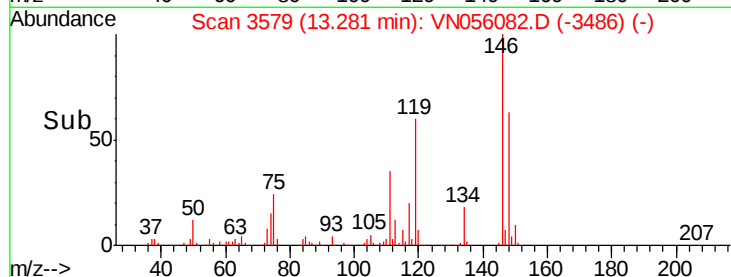
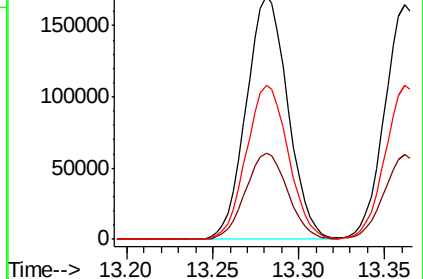
148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.363 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

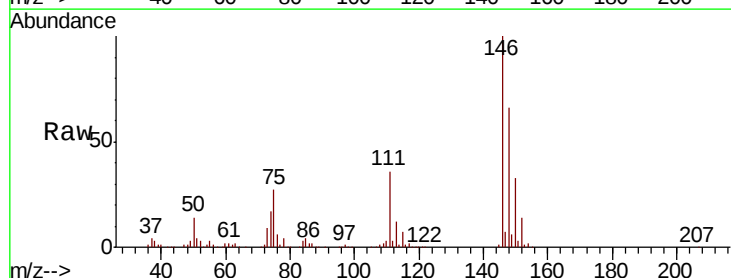
Tgt Ion:146 Resp: 274790

Ion Ratio Lower Upper

146 100

111 36.0 18.1 54.4

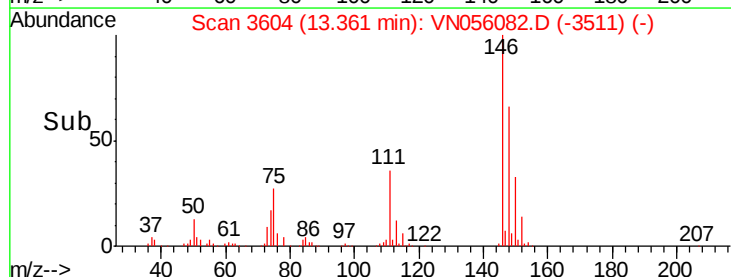
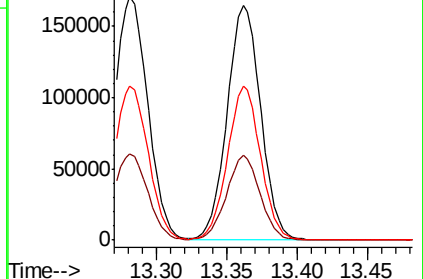
148 64.6 32.1 96.5

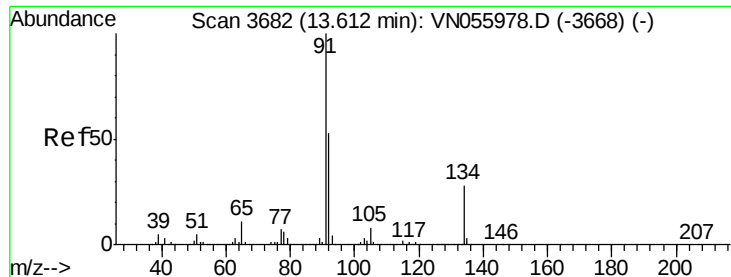


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

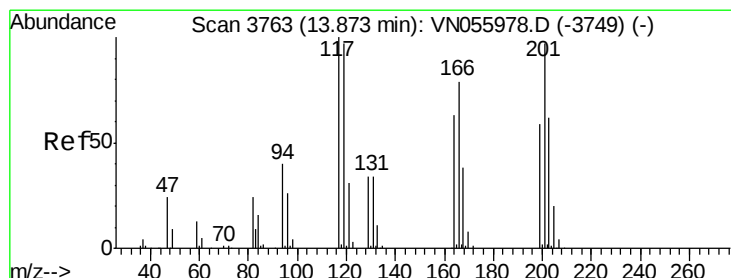
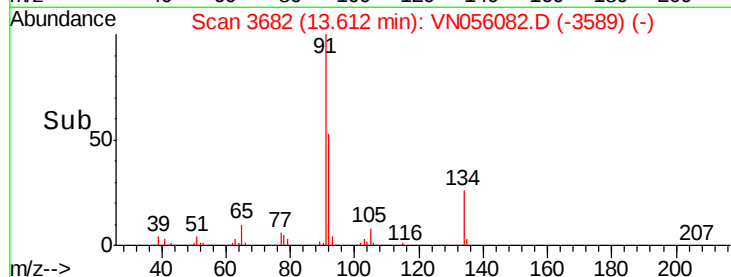
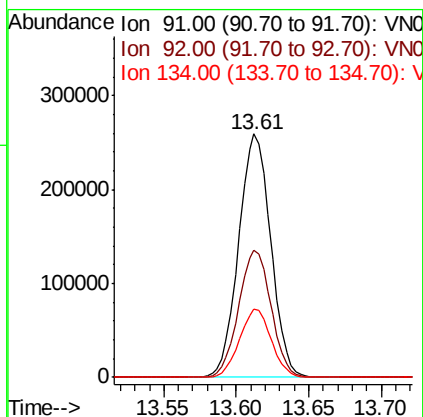
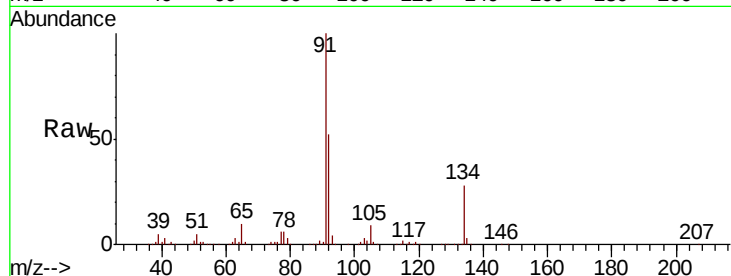




#89
n-Butylbenzene
Concen: 46.072 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

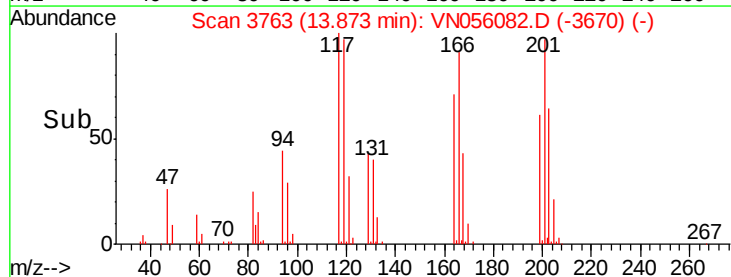
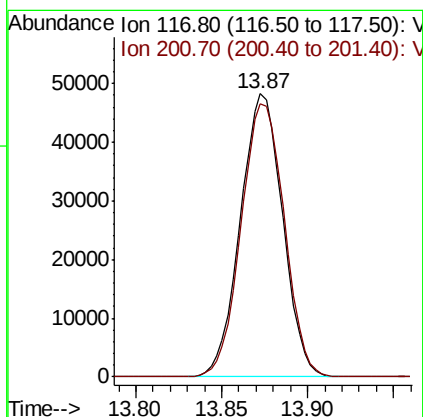
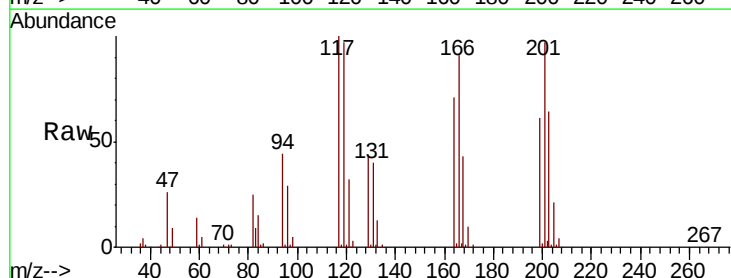
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW304S-30190604MSD

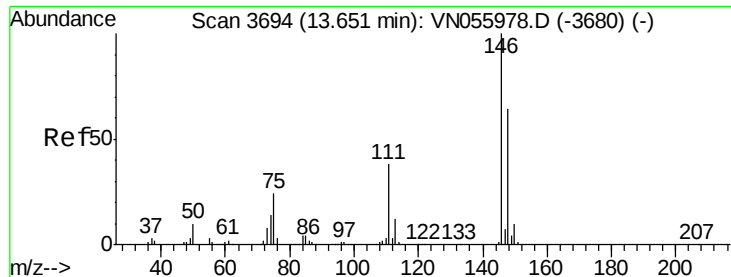
Tot Ion: 91 Resp: 399648
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 27.7 13.9 41.7



#90
Hexachloroethane
Concen: 46.715 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056082.D
Acq: 7 Jun 2019 7:14

Tgt Ion: 117 Resp: 82495
Ion Ratio Lower Upper
117 100
201 98.4 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 48.841 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

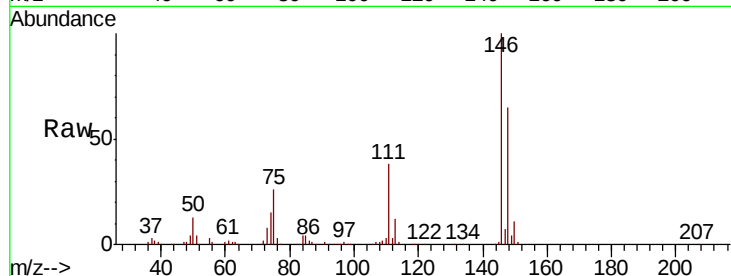
Tot Ion:146 Resp: 285352

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

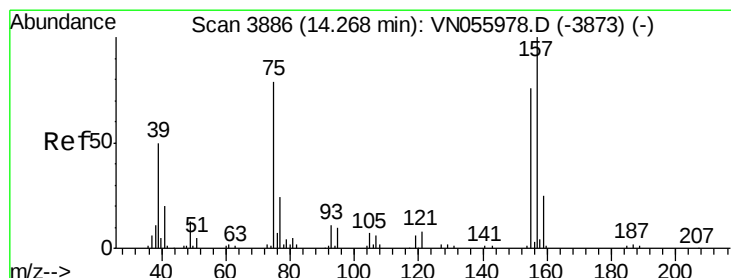
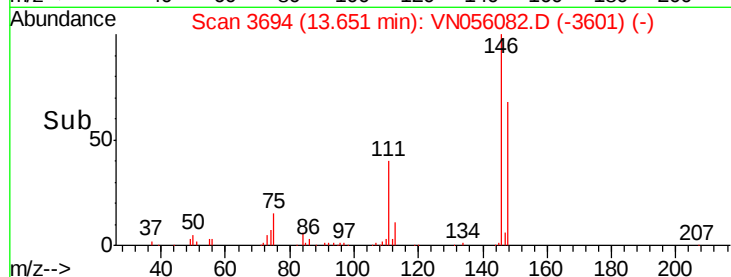
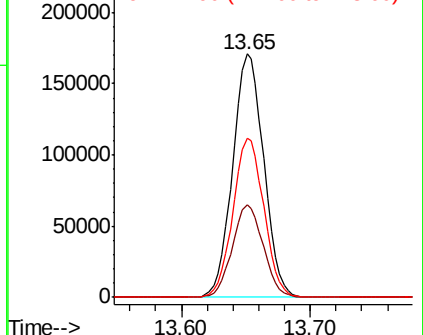
148 65.1 31.9 95.9



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: 54.982 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

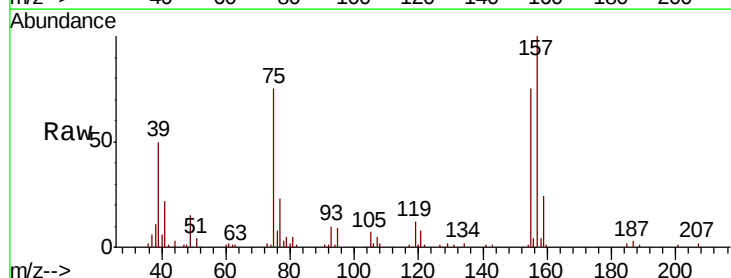
Tgt Ion: 75 Resp: 31882

Ion Ratio Lower Upper

75 100

155 101.8 50.0 150.1

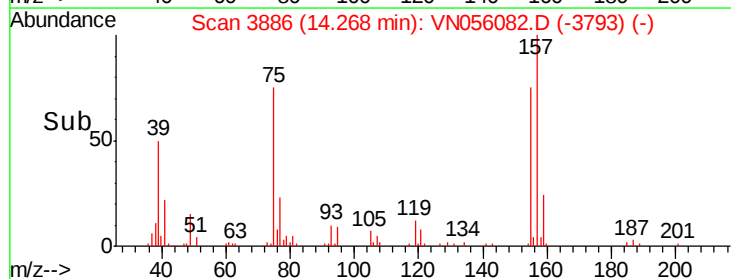
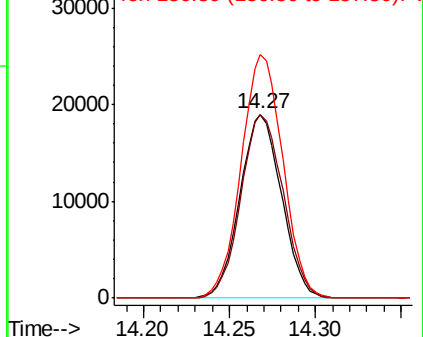
157 133.0 64.8 194.3



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

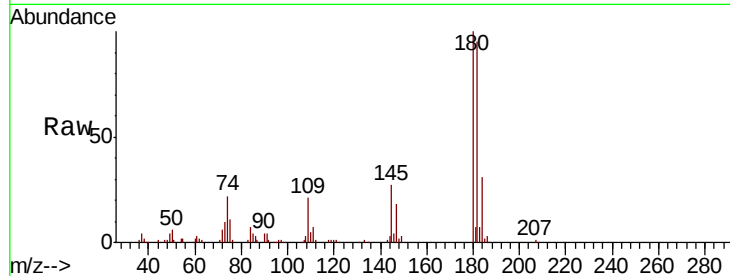




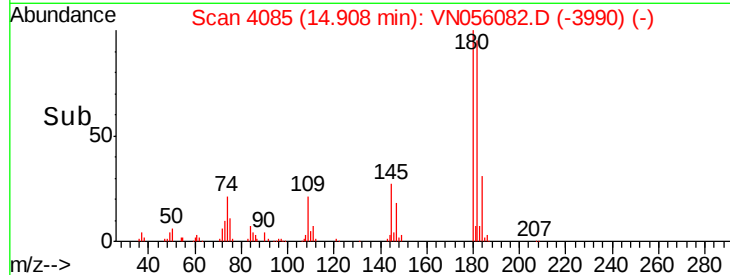
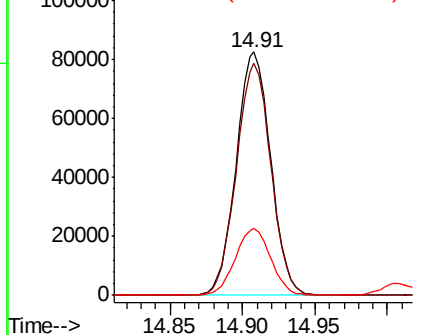
#93
 1,2,4-Trichlorobenzene
 Concen: 43.083 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW304S-30190604MSD

Tot Ion:180 Resp: 136630
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 28.0 14.0 41.9

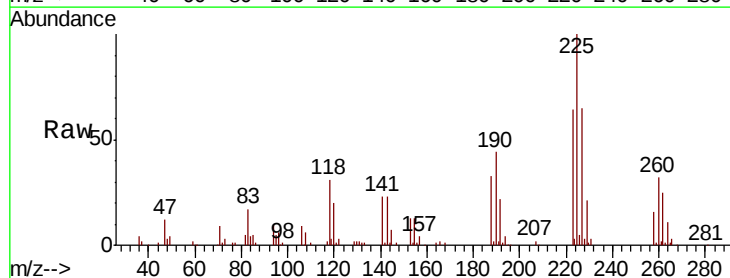


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

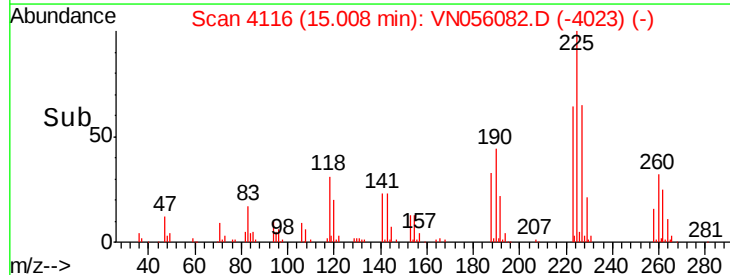
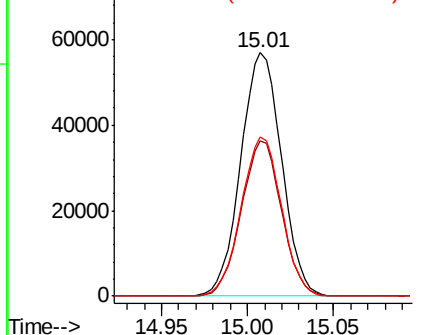


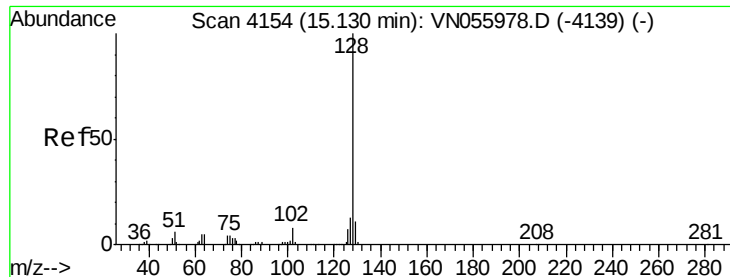
#94
 Hexachlorobutadiene
 Concen: 46.872 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056082.D
 Acq: 7 Jun 2019 7:14

Tgt Ion:225 Resp: 94186
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.7
 227 64.4 31.6 94.7



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: 46.892 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056082.D

Acq: 7 Jun 2019 7:14

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW304S-30190604MSD

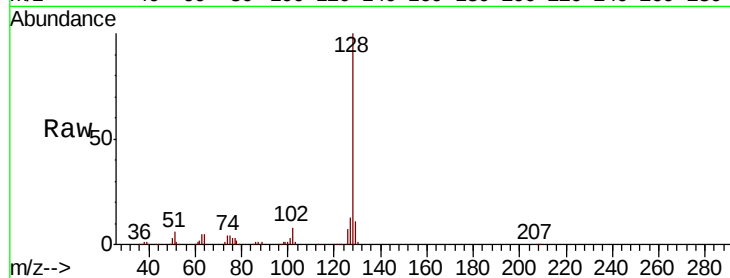
Tot Ion:128 Resp: 389522

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1

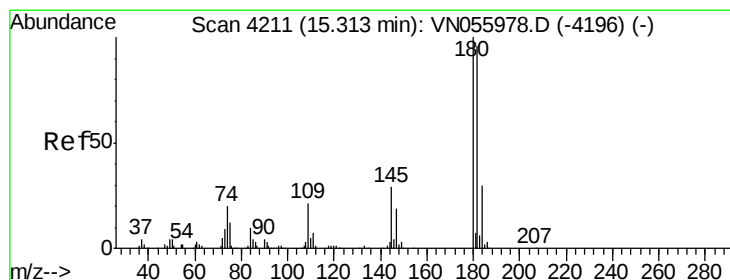
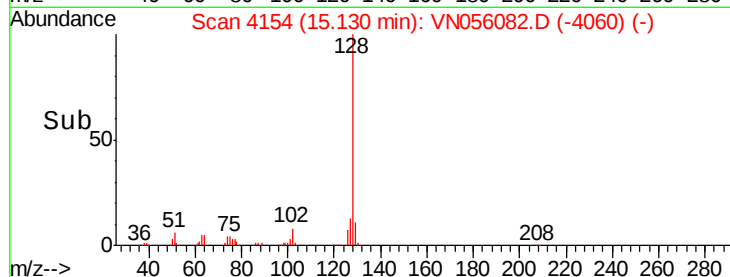
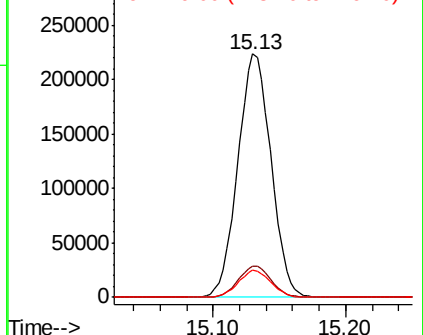


Abundance

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: 47.064 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056082.D

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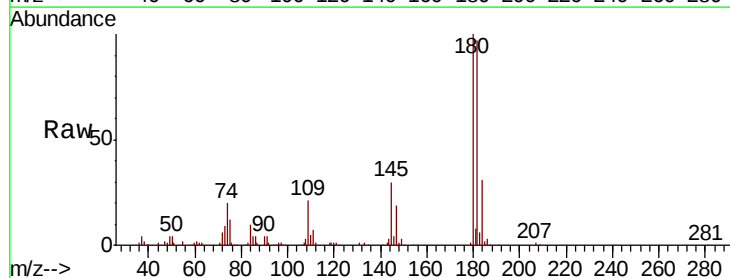
Tgt Ion:180 Resp: 153802

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 29.4 14.9 44.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

