

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055209.D
 Acq On : 23 Apr 2019 16:29
 Operator : JC/SP
 Sample : K2518-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-BAGS

Quant Time: Apr 24 02:51:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	357389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	633506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	253333	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
35) Dibromofluoromethane	7.59	113	205262	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	774183	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	247716	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.79	59	269	0.953	ug/l #	71
13) Acrolein	3.61	56	76	9.682	ug/l #	14
14) Allyl chloride	4.56	41	7210	0.992	ug/l #	29
16) Acetone	3.82	43	20018	12.518	ug/l	99
17) Carbon Disulfide	4.05	76	6096	0.593	ug/l	99
18) Methyl Acetate	4.34	43	7218	0.996	ug/l #	89
20) Methylene Chloride	4.55	84	137822	29.979	ug/l	96
25) 2-Butanone	6.85	43	8428	4.082	ug/l	92
29) Tetrahydrofuran	7.22	42	2420	1.906	ug/l #	76
30) Chloroform	7.36	83	1525	0.206	ug/l #	43
31) Cyclohexane	7.66	56	7702	Below Cal	#	9
36) 1,1-Dichloropropene	7.67	75	27035	4.598	ug/l #	51
37) Ethyl Acetate	6.85	43	8428	1.776	ug/l #	72
38) Carbon Tetrachloride	7.66	117	34455	6.258	ug/l #	17
41) Methacrylonitrile	7.21	41	898	0.361	ug/l #	45
43) Isopropyl Acetate	8.19	43	27406	3.567	ug/l #	57
45) 1,2-Dichloropropane	9.27	63	1526	0.298	ug/l #	45
48) Methyl methacrylate	9.18	41	9684	2.598	ug/l #	15
49) 1,4-Dioxane	9.27	88	73	1.696	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7795	1.763	ug/l #	88
52) Toluene	10.16	92	4001	0.376	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	55783	8.342	ug/l #	66
56) Ethyl methacrylate	10.54	69	986	0.202	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9934	1.455	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.91	63	66	11.315	ug/l #	51
59) 2-Hexanone	10.76	43	160857	57.594	ug/l #	56
67) Ethyl Benzene	11.51	91	5058	0.241	ug/l	95
68) m/p-Xylenes	11.62	106	4868	0.646	ug/l	94
69) o-Xylene	11.94	106	1657	0.222	ug/l	86
71) Bromoform	12.41	173	2608	0.999	ug/l #	1
73) Isopropylbenzene	12.25	105	997	Below Cal		99
75) 1,1,2,2-Tetrachloroethane	12.41	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	127887	34.908	ug/l #	100
78) n-propylbenzene	12.59	91	4789	0.264	ug/l	96

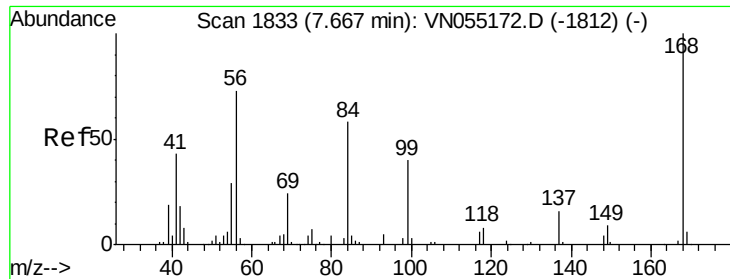
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055209.D
Acq On : 23 Apr 2019 16:29
Operator : JC/SP
Sample : K2518-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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MUDDY-BAGS

Quant Time: Apr 24 02:51:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	7519	0.556	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	127887	132.332	ug/l #	5
83) tert-Butylbenzene	12.98	119	101	Below Cal	#	25
84) 1,2,4-Trimethylbenzene	13.04	105	19943	1.563	ug/l	93
85) sec-Butylbenzene	13.04	105	19943	1.304	ug/l #	56
95) Naphthalene	15.13	128	1704	3.664	ug/l #	74

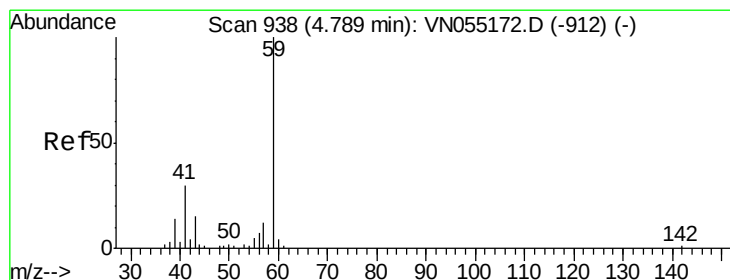
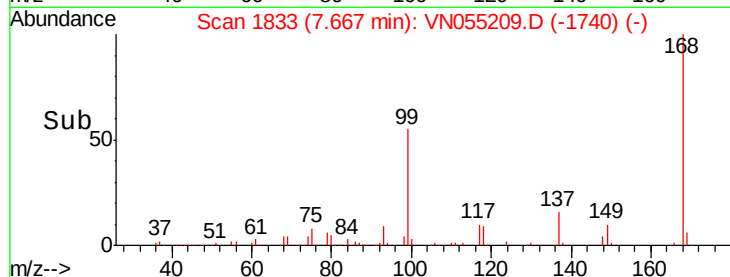
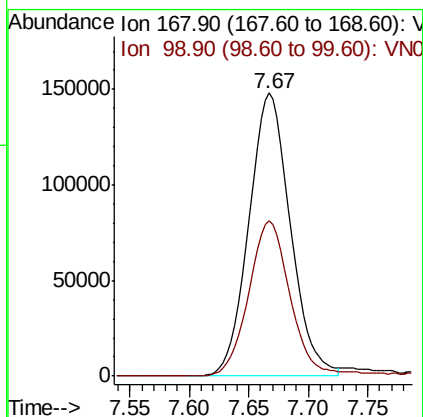
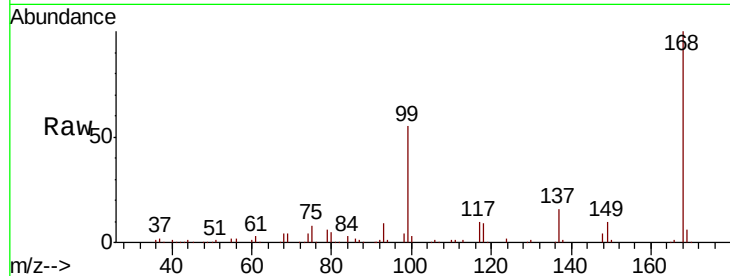
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

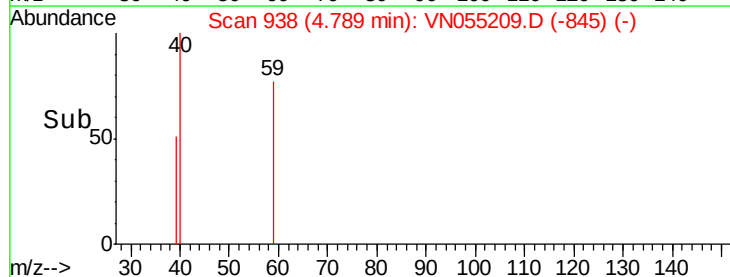
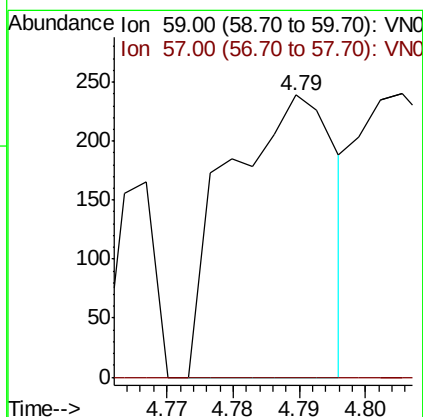
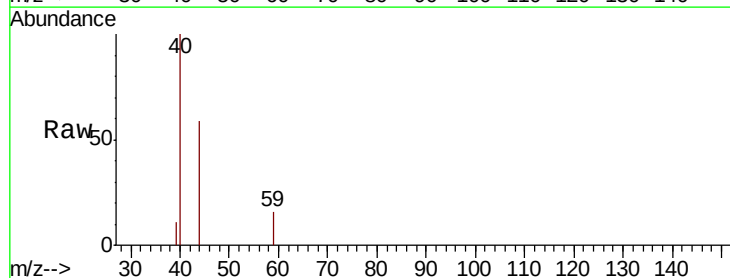
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

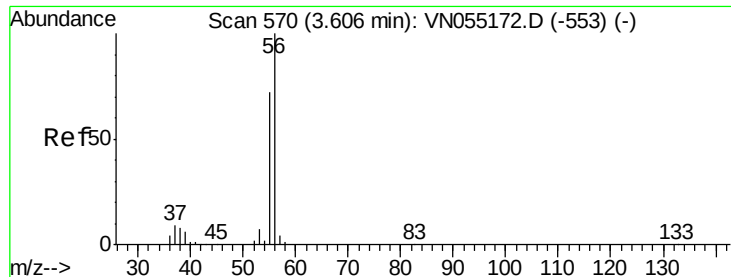
Tgt Ion:168 Resp: 357389
Ion Ratio Lower Upper
168 100
99 55.1 42.0 63.0



#11
Tert butyl alcohol
Concen: 0.953 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#13

Acrolein

Concen: 9.682 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

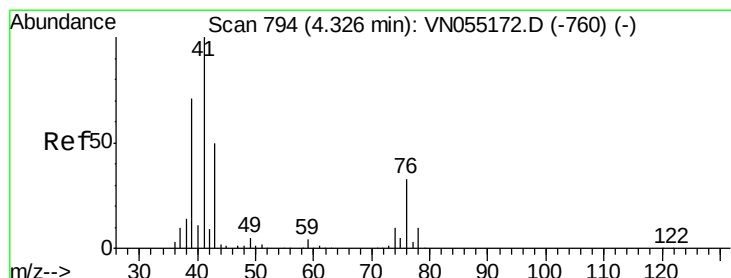
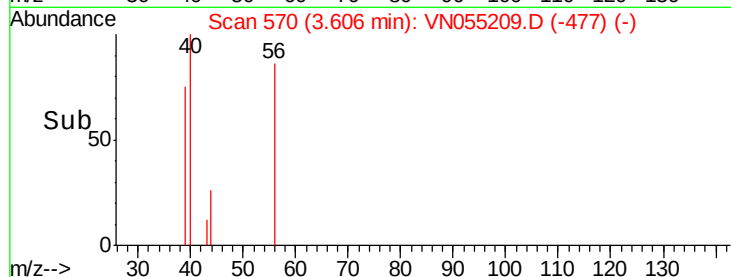
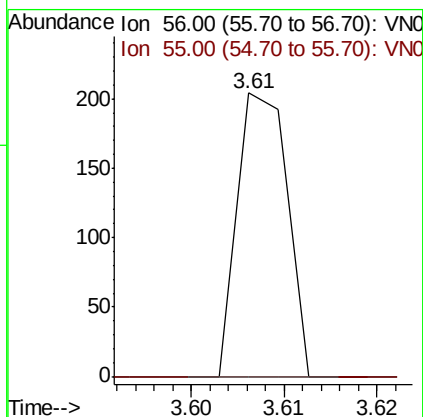
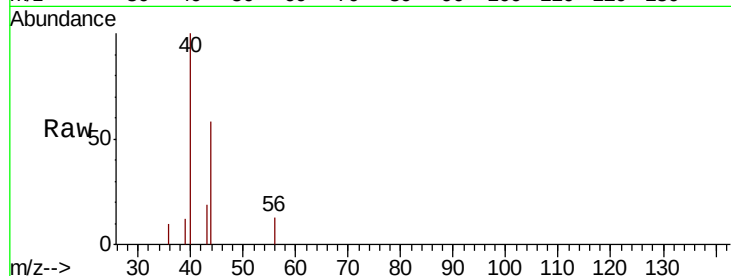
MUDDY-BAGS

Tgt Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



#14

Allyl chloride

Concen: 0.992 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

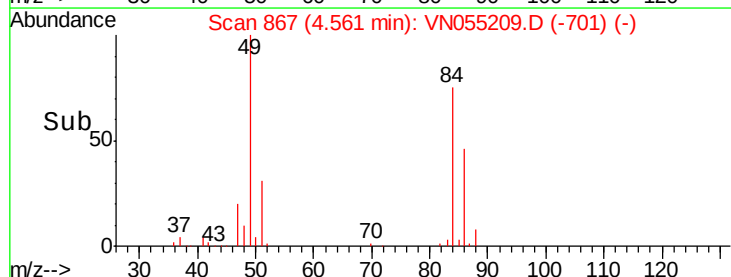
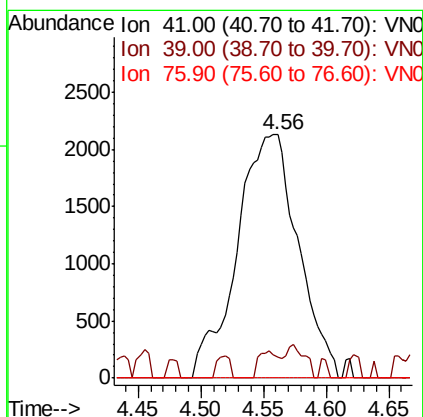
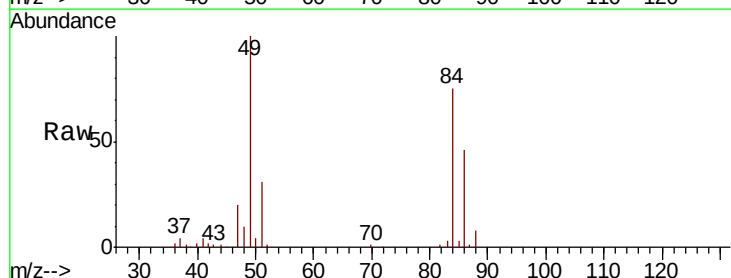
Tgt Ion: 41 Resp: 7210

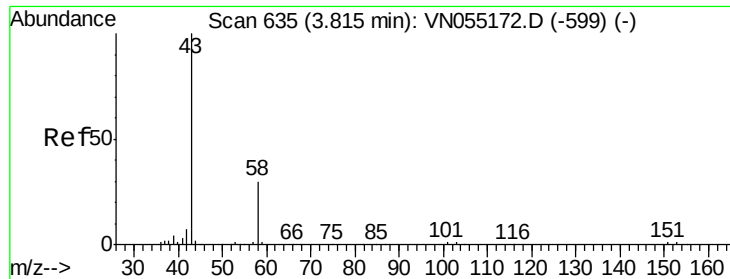
Ion Ratio Lower Upper

41 100

39 3.8 52.9 79.3#

76 0.0 23.6 35.4#





#16

Acetone

Concen: 12.518 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

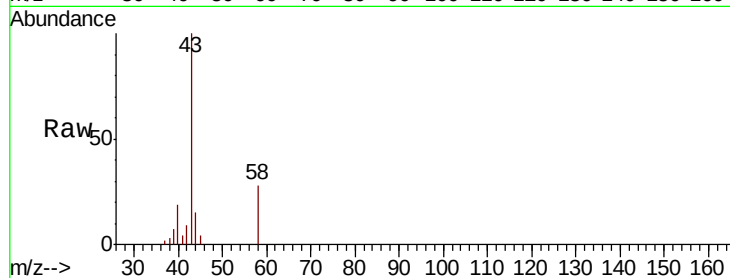
MUDDY-BAGS

Tgt Ion: 43 Resp: 20018

Ion Ratio Lower Upper

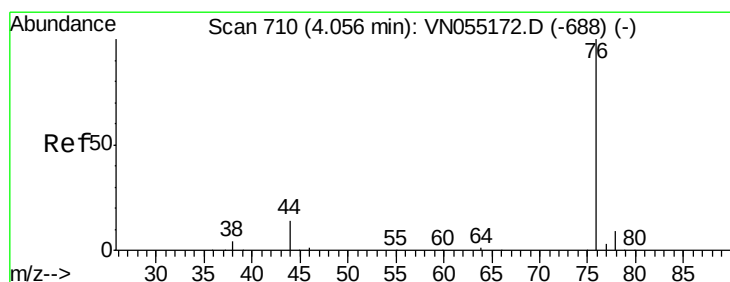
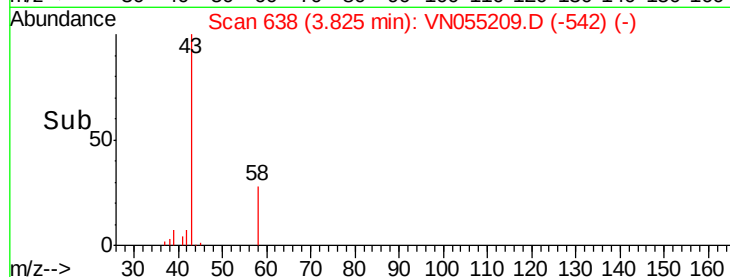
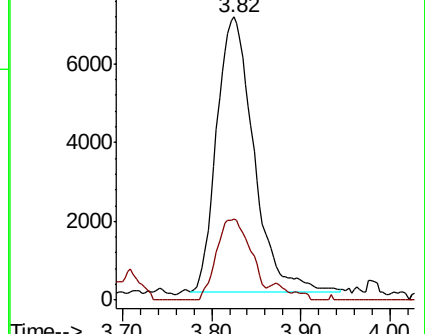
43 100

58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-599) (-)



#17

Carbon Disulfide

Concen: 0.593 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055209.D

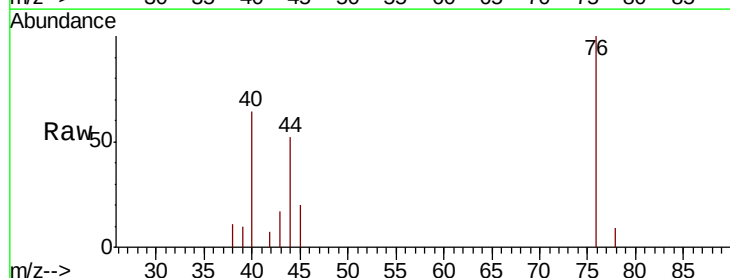
Acq: 23 Apr 2019 16:29

Tgt Ion: 76 Resp: 6096

Ion Ratio Lower Upper

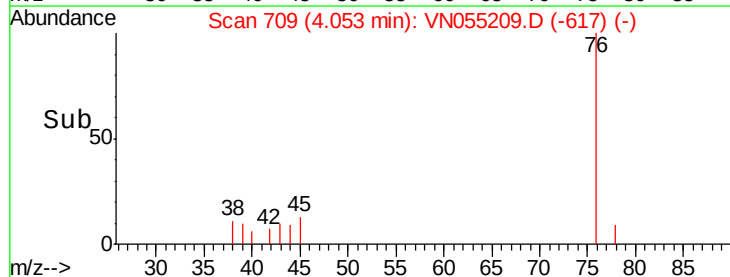
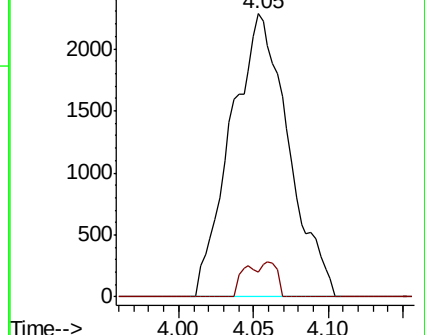
76 100

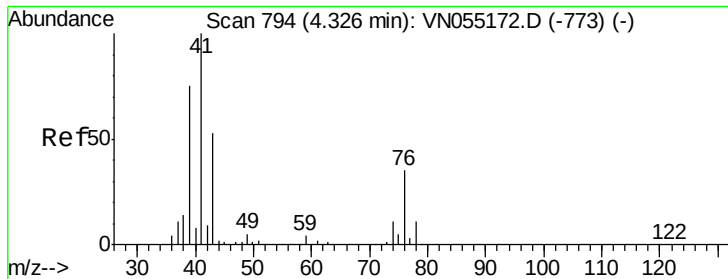
78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-688) (-)

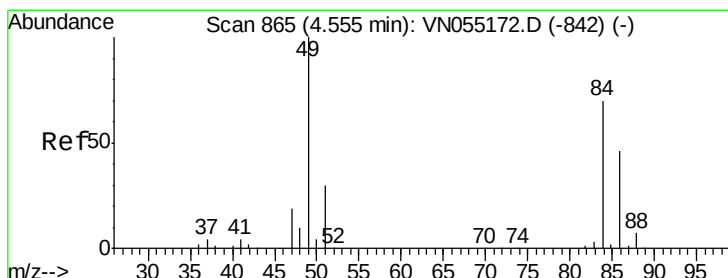
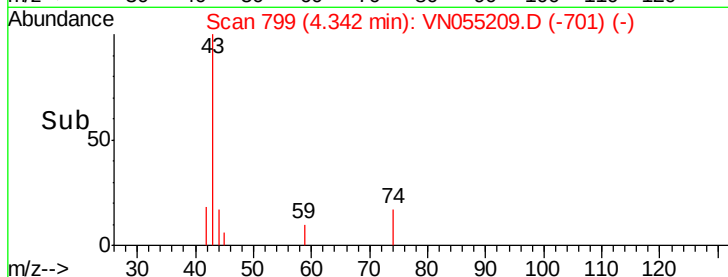
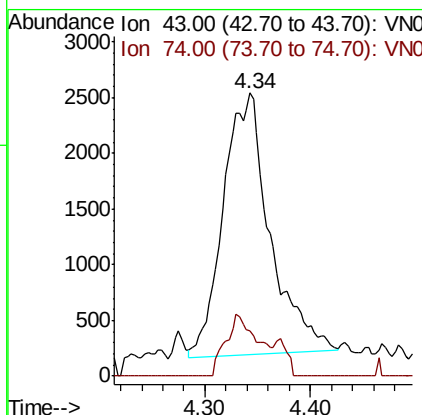
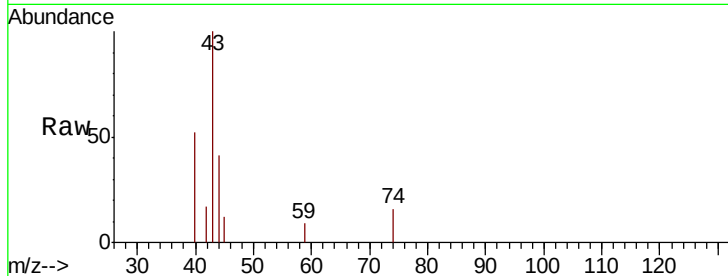




#18
Methyl Acetate
Concen: 0.996 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

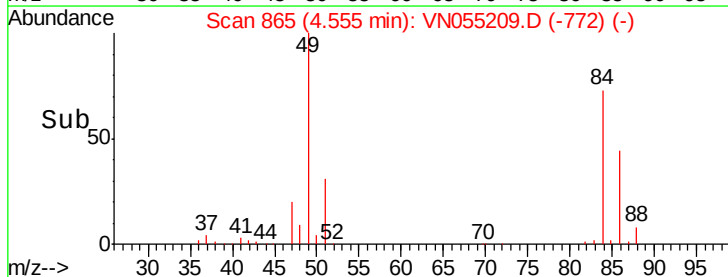
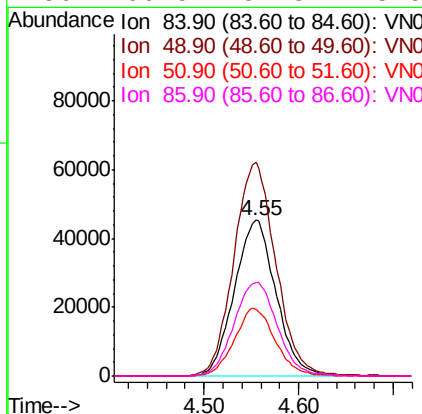
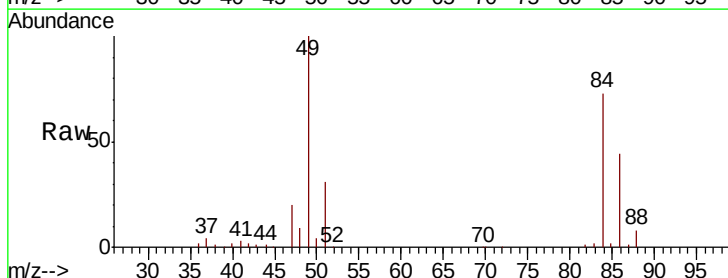
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

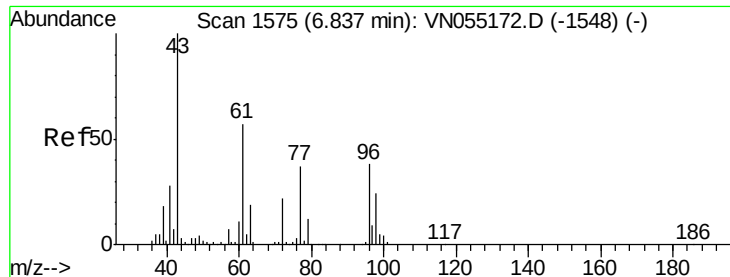
Tgt Ion: 43 Resp: 7218
Ion Ratio Lower Upper
43 100
74 15.9 16.7 25.1#



#20
Methylene Chloride
Concen: 29.979 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Tgt Ion: 84 Resp: 137822
Ion Ratio Lower Upper
84 100
49 136.9 113.8 170.6
51 43.2 34.0 51.0
86 60.5 52.3 78.5





#25

2-Butanone

Concen: 4.082 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

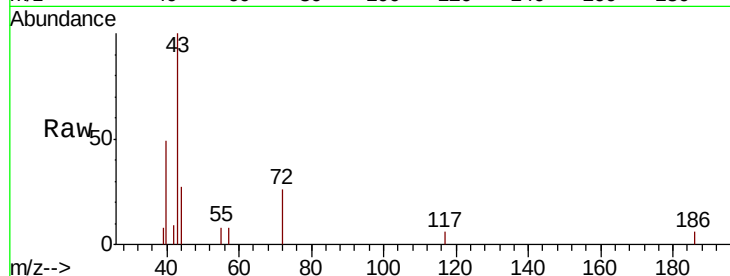
MUDDY-BAGS

Tgt Ion: 43 Resp: 8428

Ion Ratio Lower Upper

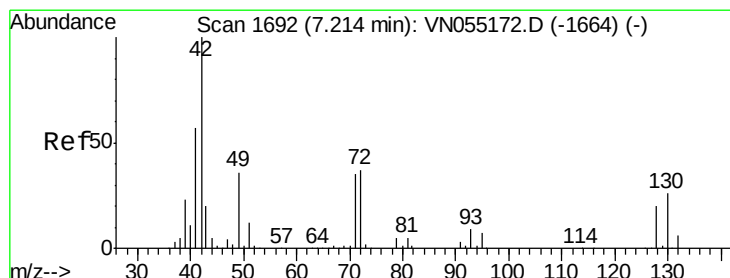
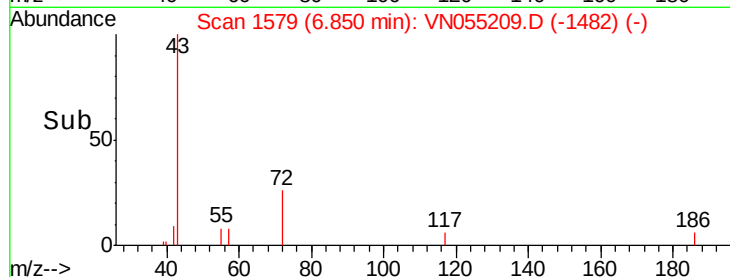
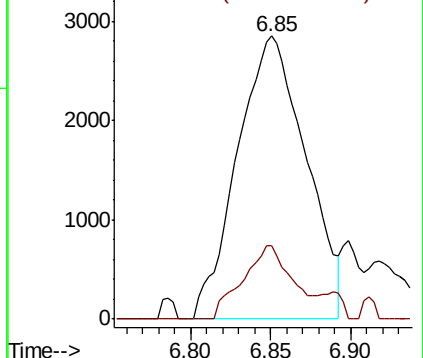
43 100

72 26.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN055172.D (-1548) (-)



#29

Tetrahydrofuran

Concen: 1.906 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

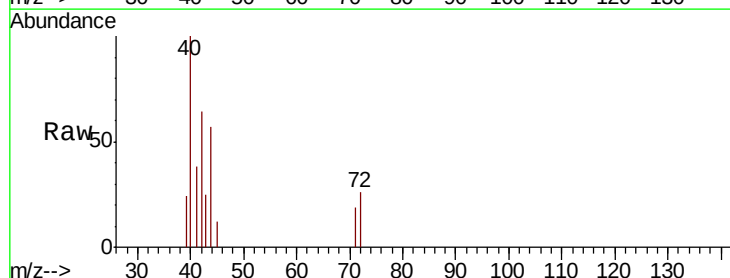
Tgt Ion: 42 Resp: 2420

Ion Ratio Lower Upper

42 100

72 32.2 29.4 44.2

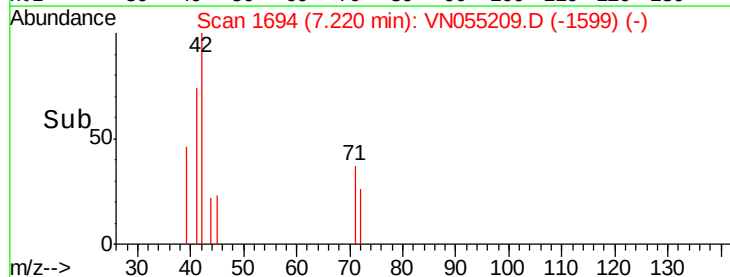
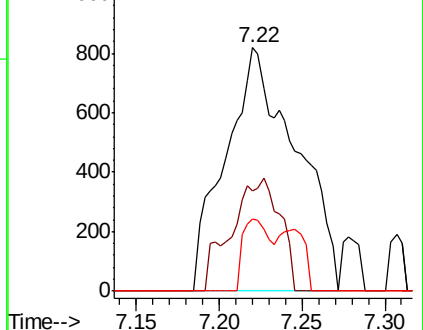
71 11.4 27.8 41.8#

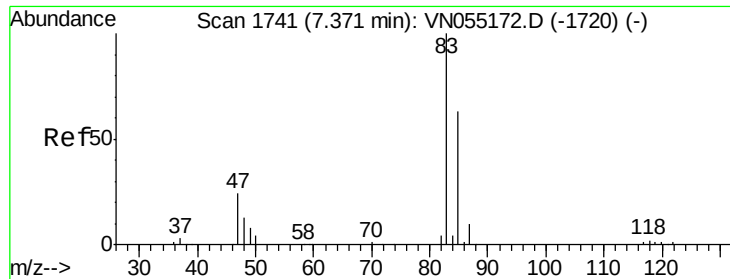


Abundance Ion 42.00 (41.70 to 42.70): VN055172.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN055172.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN055172.D (-1664) (-)

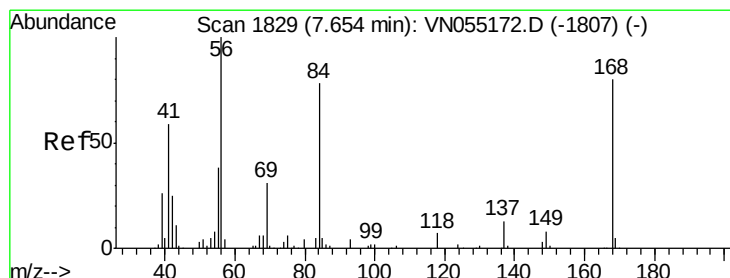
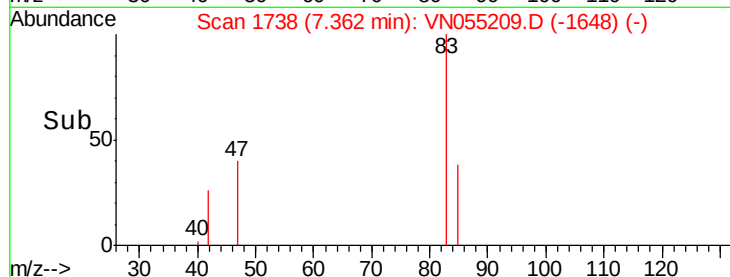
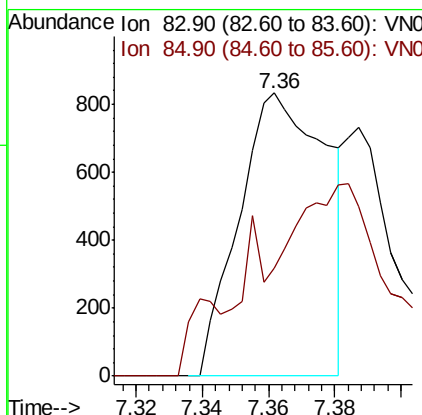
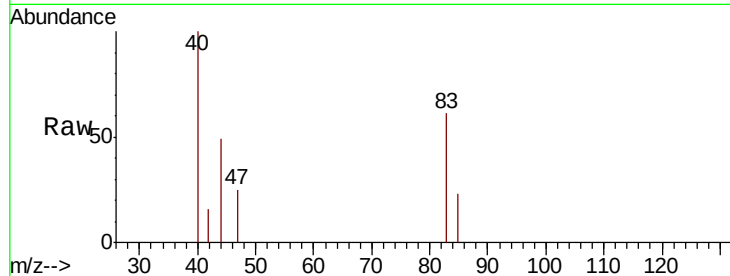




#30
Chloroform
Concen: 0.206 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

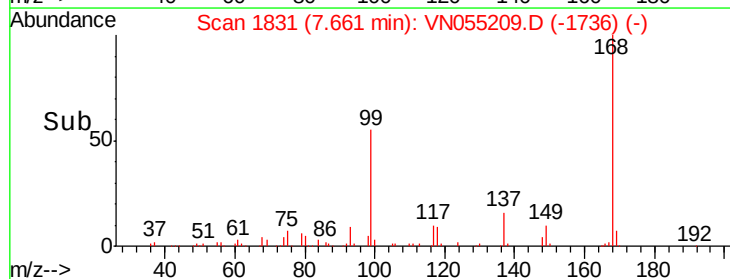
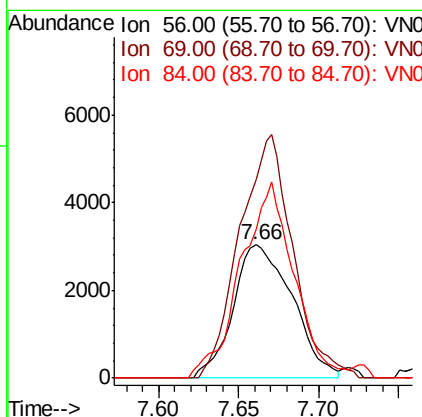
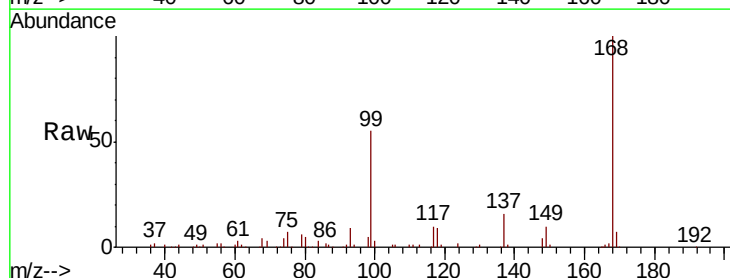
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

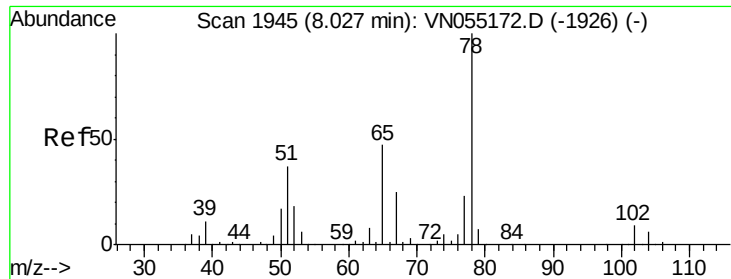
Tgt Ion: 83 Resp: 1525
Ion Ratio Lower Upper
83 100
85 19.1 50.6 76.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Tgt Ion: 56 Resp: 7702
Ion Ratio Lower Upper
56 100
69 149.3 24.6 37.0#
84 111.7 61.4 92.2#

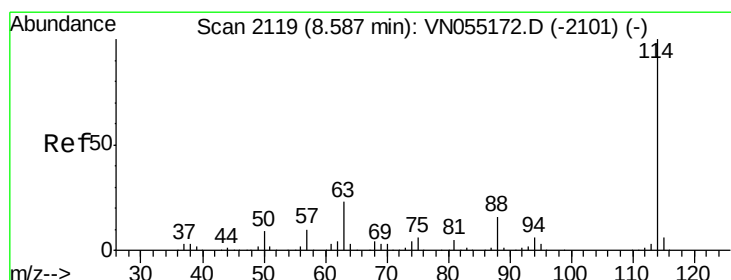
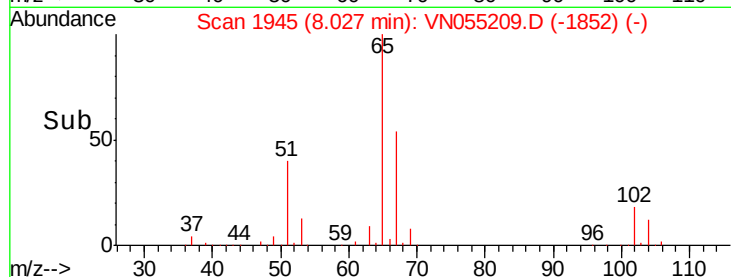
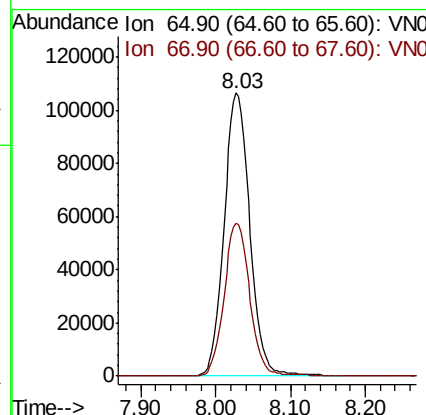
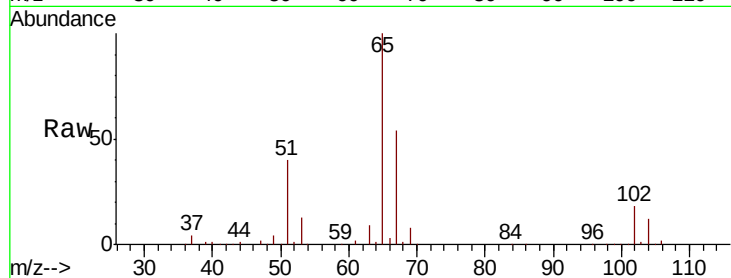




#33
 1,2-Dichloroethane-d4
 Concen: 52.370 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

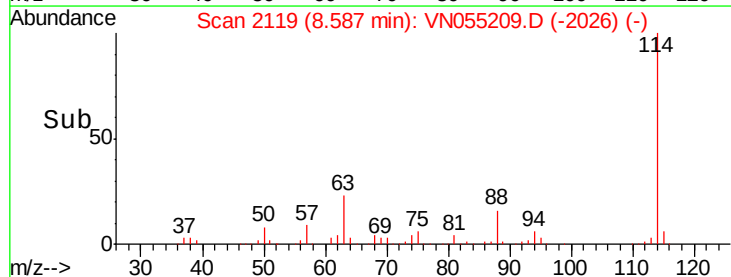
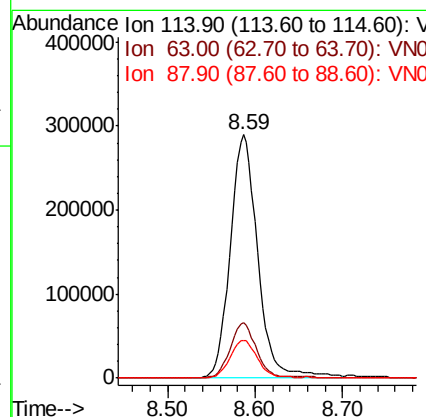
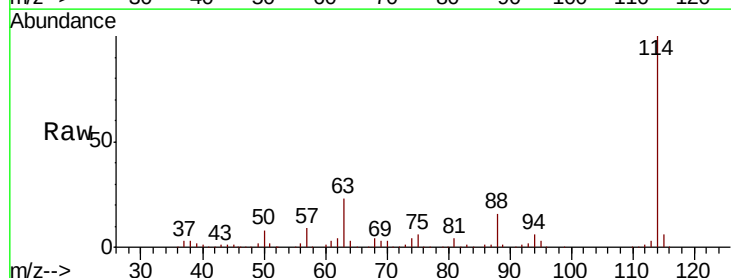
Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-BAGS

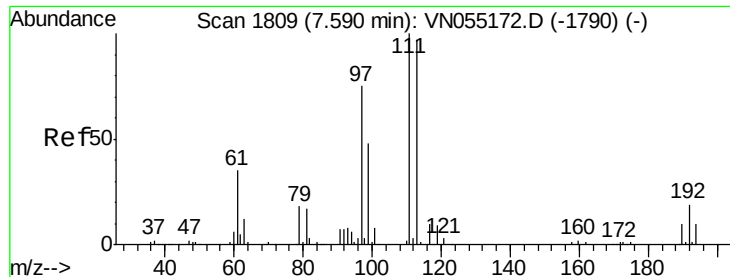
Tgt Ion: 65 Resp: 253333
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

Tgt Ion: 114 Resp: 633506
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 15.6 0.0 32.8

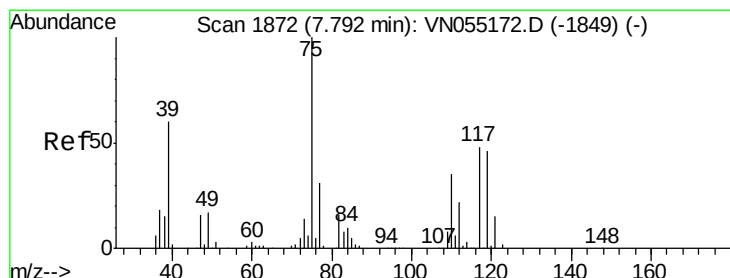
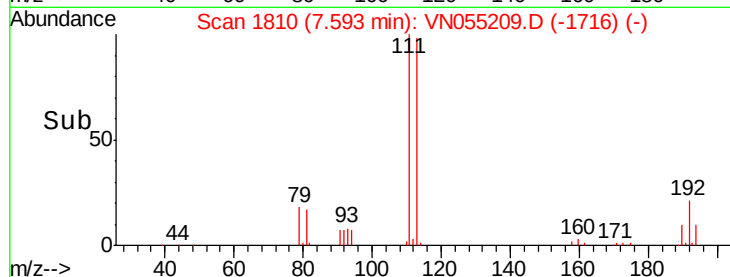
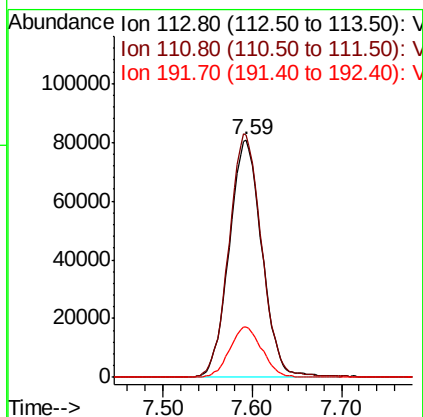
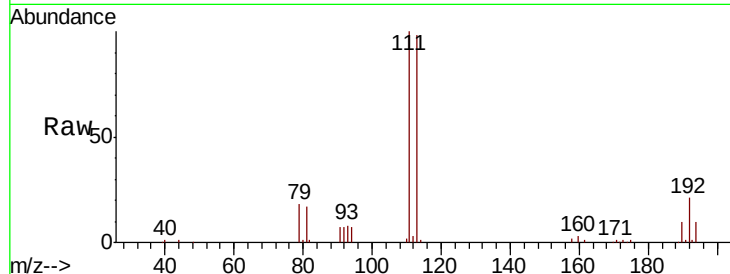




#35
 Dibromofluoromethane
 Concen: 47.694 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

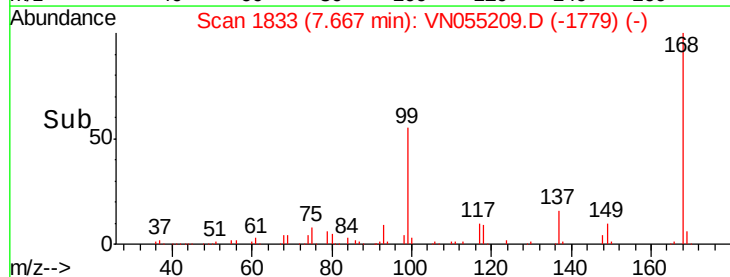
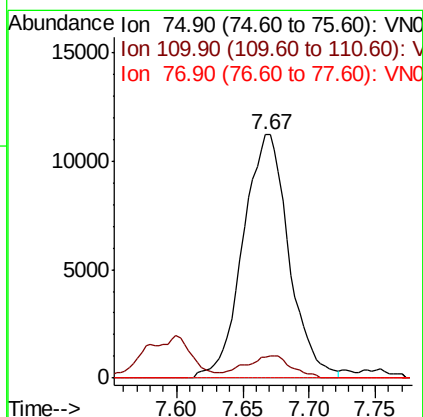
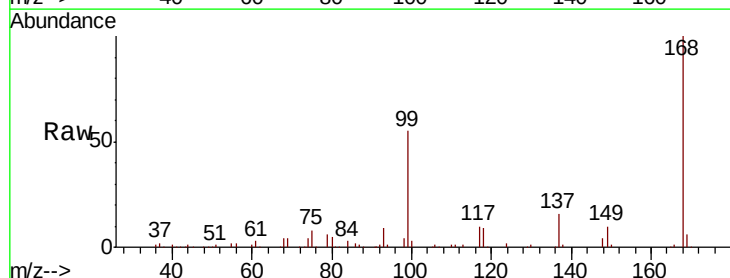
Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-BAGS

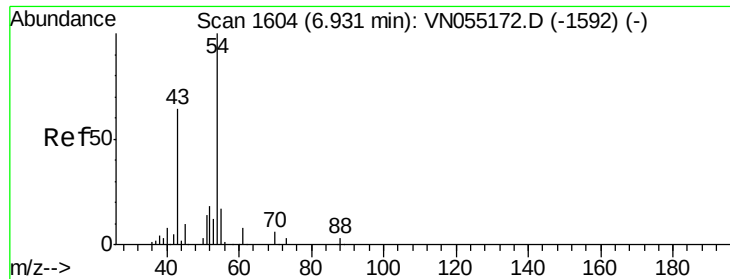
Tgt Ion: 113 Resp: 205262
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.4
 192 20.9 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.598 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

Tgt Ion: 75 Resp: 27035
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.2#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.776 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. -0.08 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

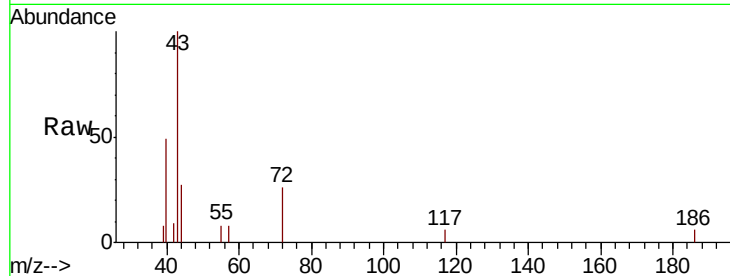
Tgt Ion: 43 Resp: 8428

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

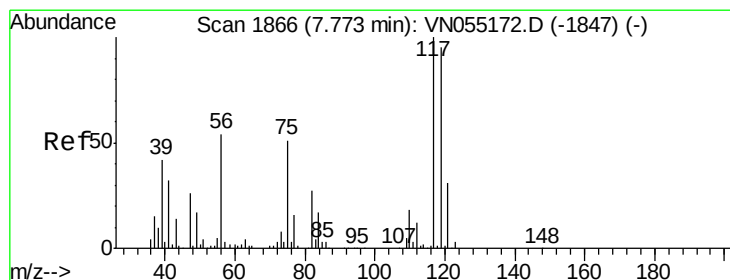
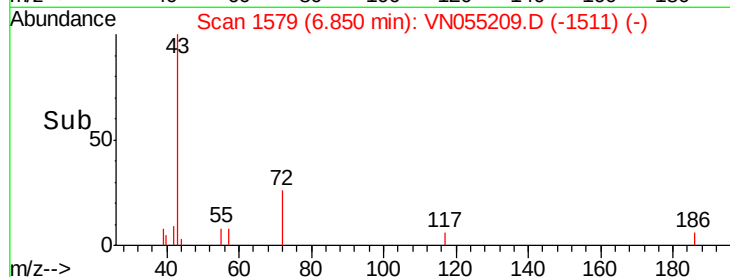
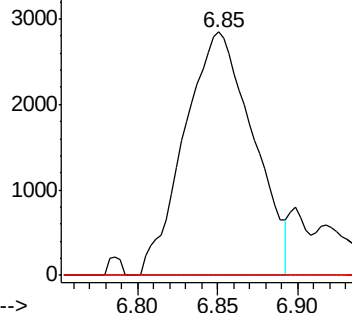
70 0.0 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN055172.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN055172.D (-1592) (-)



#38

Carbon Tetrachloride

Concen: 6.258 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

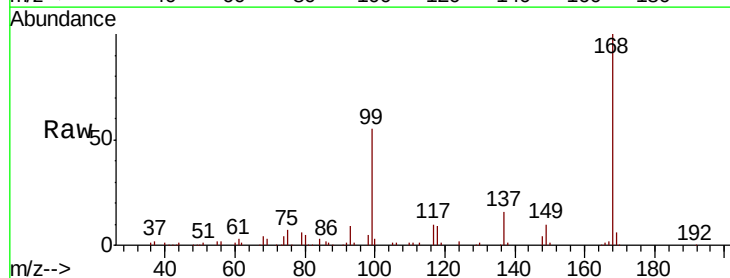
Tgt Ion: 117 Resp: 34455

Ion Ratio Lower Upper

117 100

119 5.4 76.0 114.0#

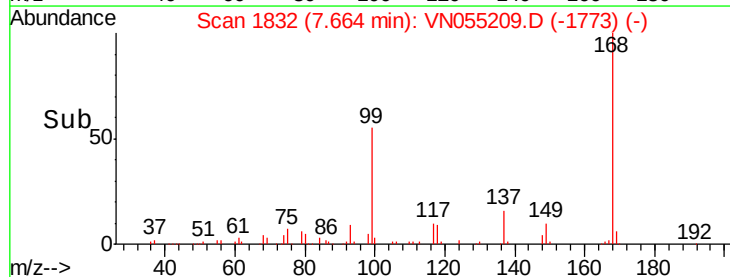
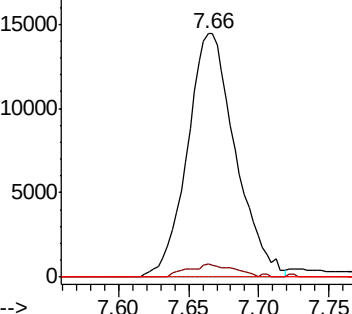
121 0.0 24.6 36.8#

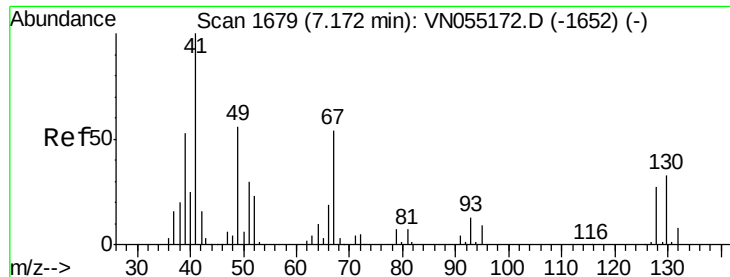


Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055172.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055172.D (-1847) (-)

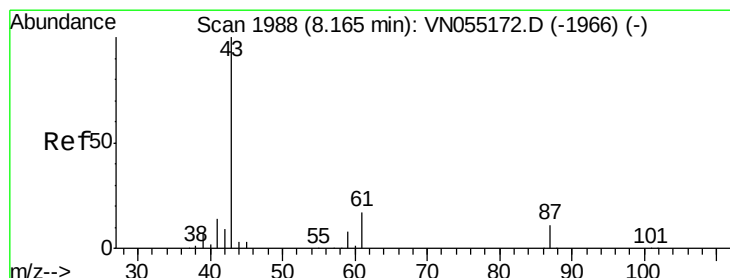
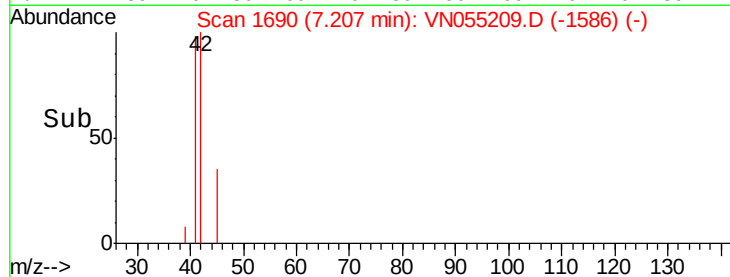
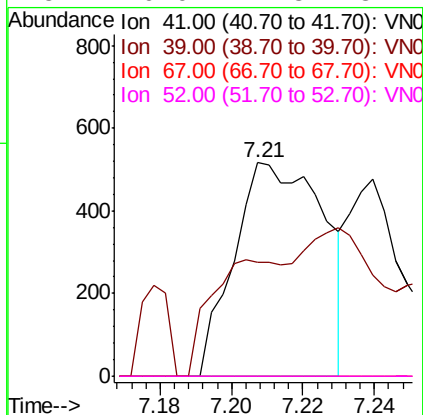
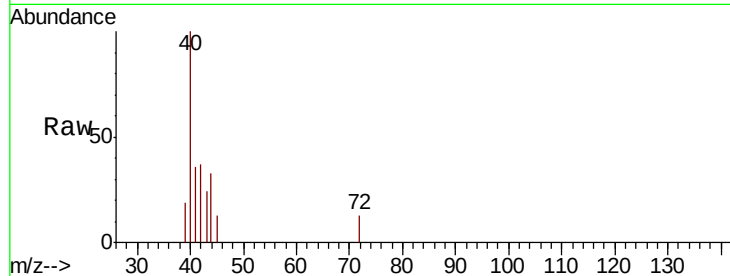




#41
Methacrylonitrile
Concen: 0.361 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

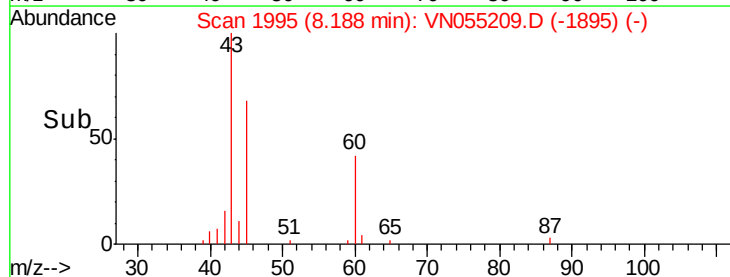
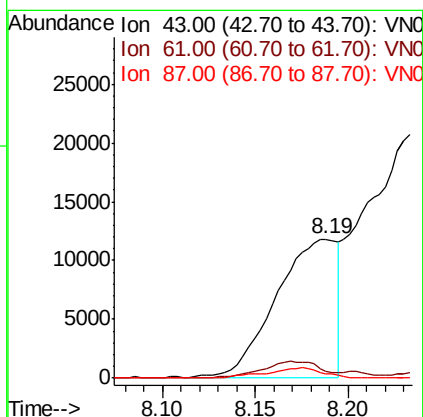
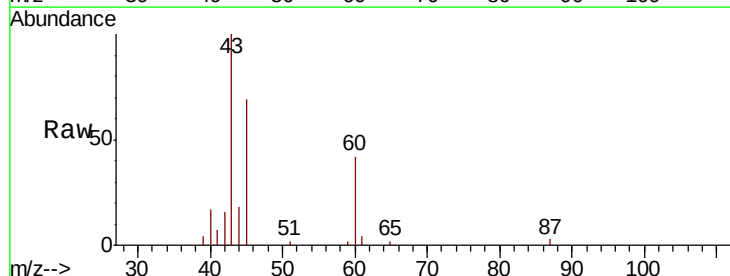
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

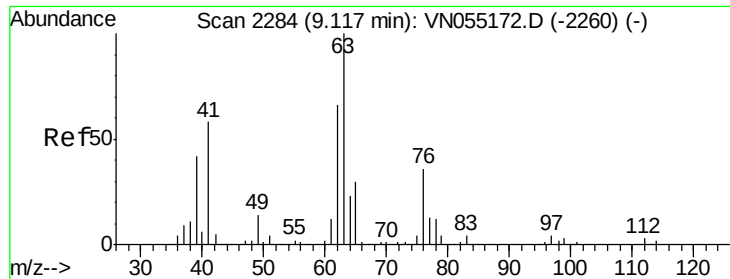
Tgt Ion:	41	Resp:	898
Ion	Ratio	Lower	Upper
41	100		
39	42.0	45.4	68.0#
67	0.0	54.6	81.8#
52	0.0	22.8	34.2#



#43
Isopropyl Acetate
Concen: 3.567 ug/l
RT: 8.19 min Scan# 1995
Delta R.T. 0.02 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Tgt Ion:	43	Resp:	27406
Ion	Ratio	Lower	Upper
43	100		
61	1.1	20.6	30.8#
87	0.0	8.8	13.2#





#45

1,2-Dichloropropane

Concen: 0.298 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

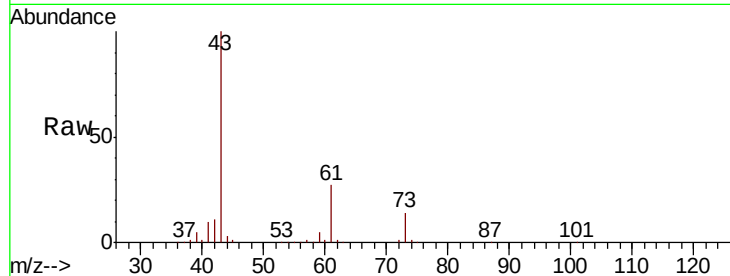
MUDDY-BAGS

Tgt Ion: 63 Resp: 1526

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

1000

800

600

400

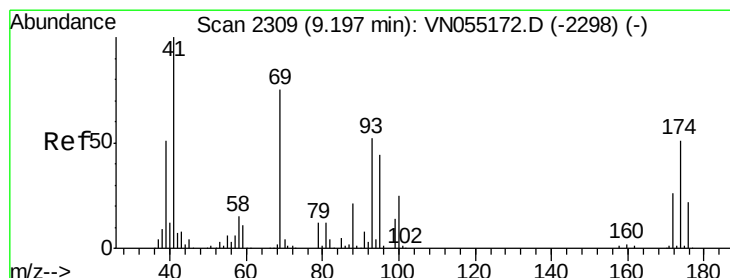
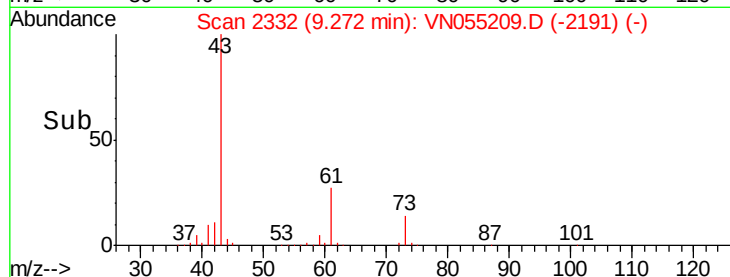
200

0

9.25

9.30

Time-->



#48

Methyl methacrylate

Concen: 2.598 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

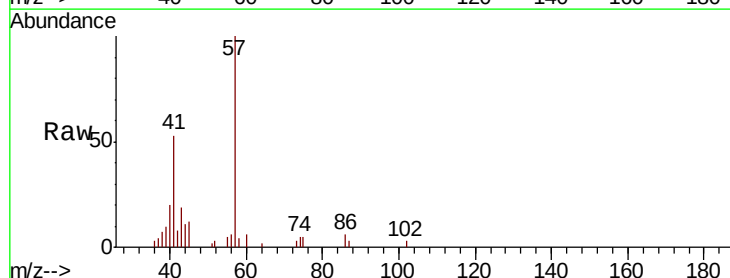
Tgt Ion: 41 Resp: 9684

Ion Ratio Lower Upper

41 100

69 0.0 63.6 95.4#

39 0.0 43.8 65.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

80000

60000

40000

20000

0

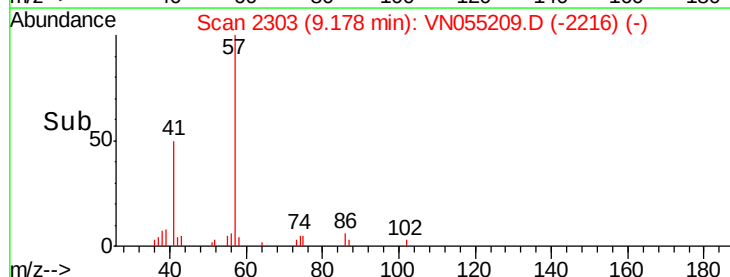
9.10

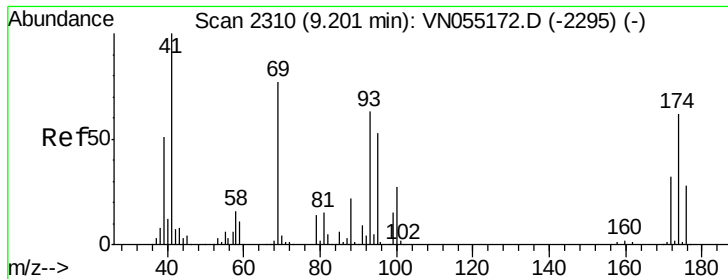
9.15

9.20

9.25

Time-->





#49

1,4-Dioxane

Concen: 1.696 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

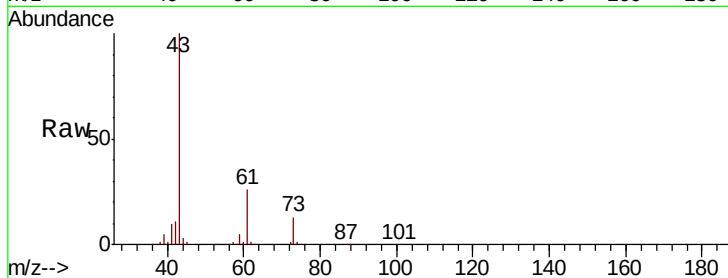
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 1639720.5 32.0 48.0#

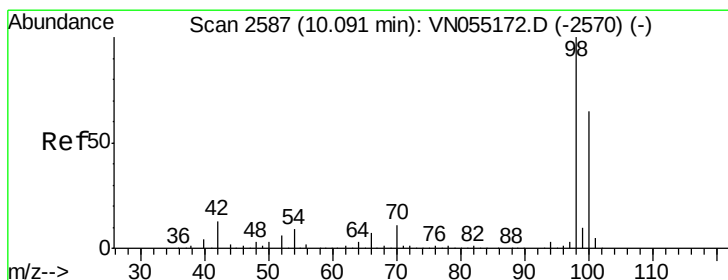
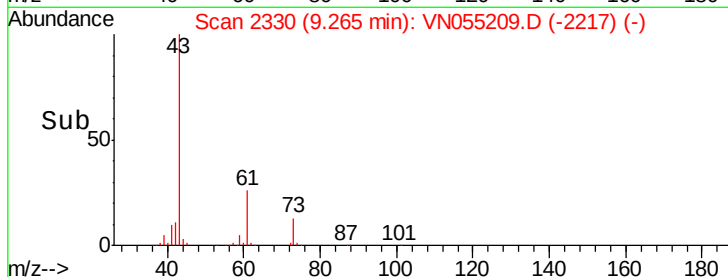
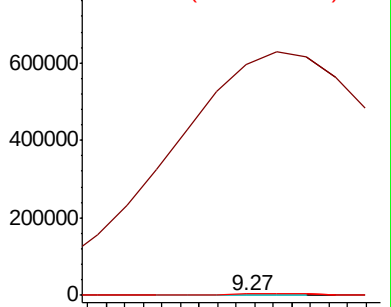
58 7479.5 60.4 90.6#



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: 48.551 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055209.D

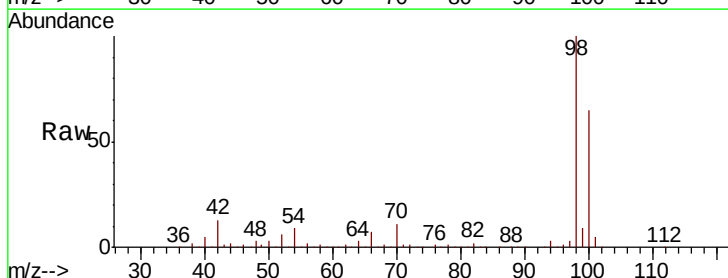
Acq: 23 Apr 2019 16:29

Tgt Ion: 98 Resp: 774183

Ion Ratio Lower Upper

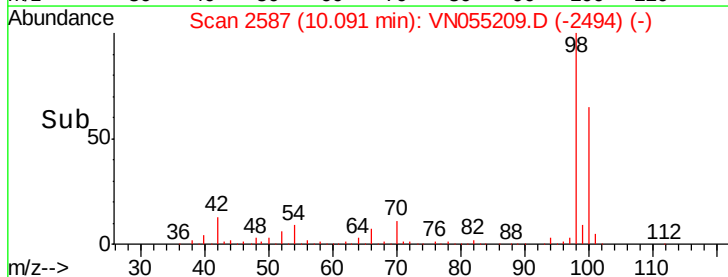
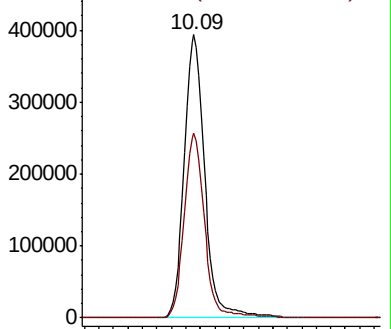
98 100

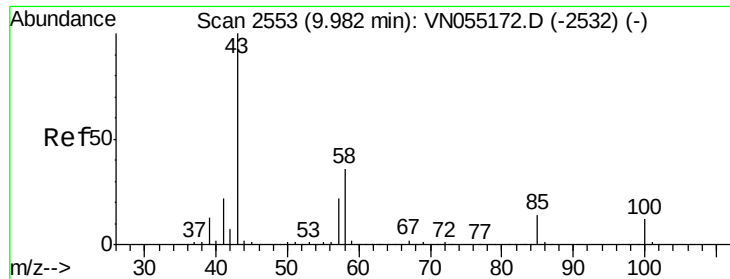
100 64.8 51.8 77.6



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: 1.763 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

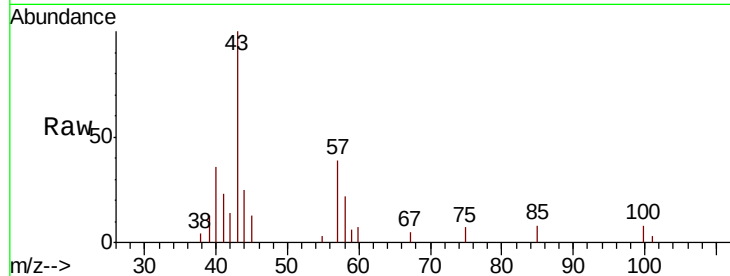
MUDDY-BAGS

Tgt Ion: 43 Resp: 7795

Ion Ratio Lower Upper

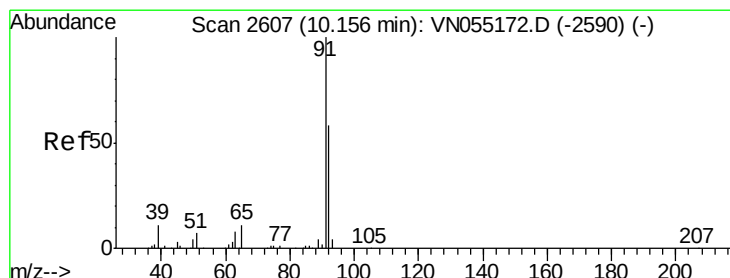
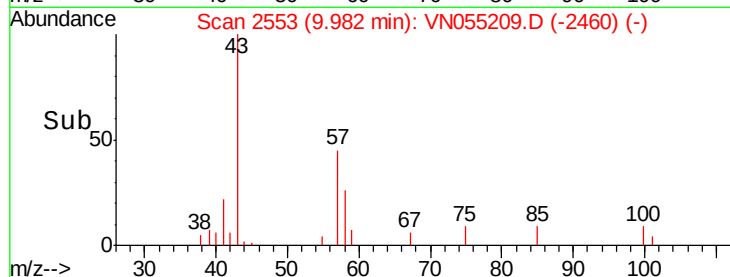
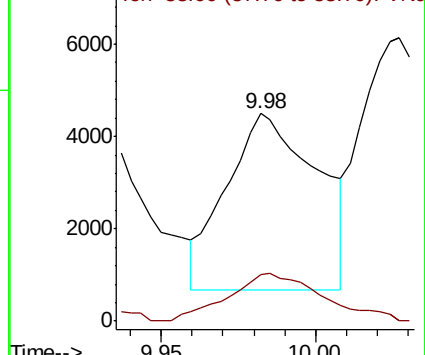
43 100

58 28.2 28.3 42.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.376 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055209.D

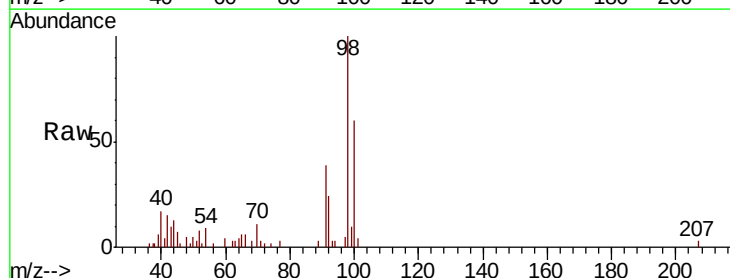
Acq: 23 Apr 2019 16:29

Tgt Ion: 92 Resp: 4001

Ion Ratio Lower Upper

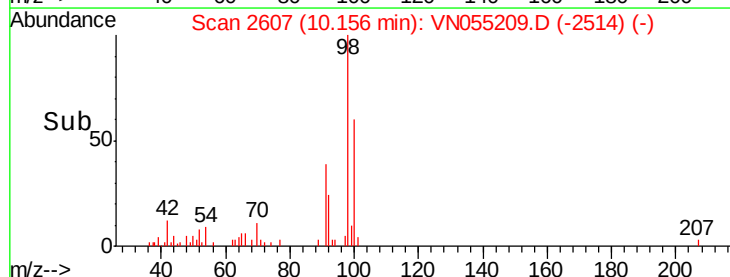
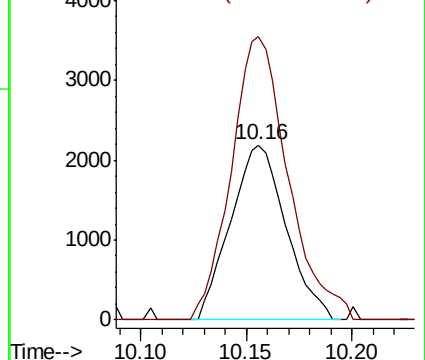
92 100

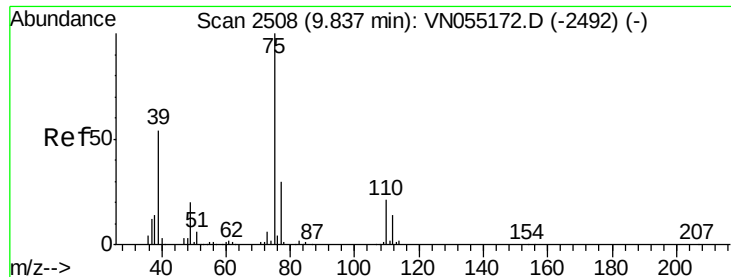
91 166.3 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 8.342 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

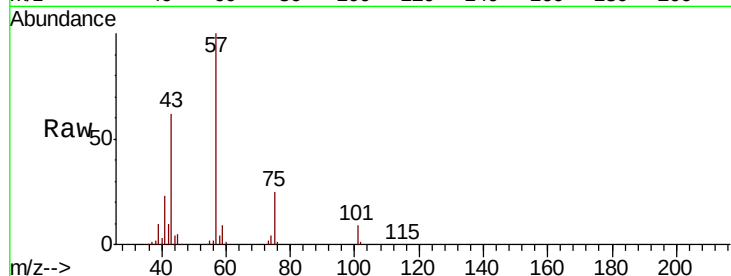
Tgt Ion: 75 Resp: 55783

Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#

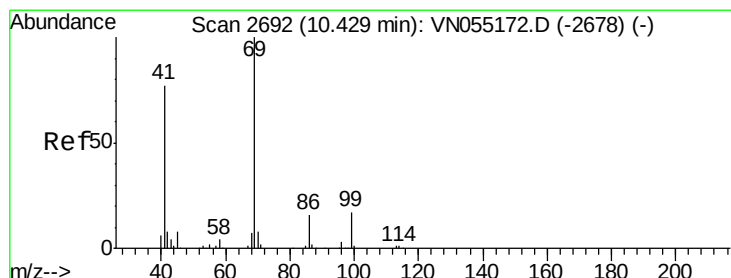
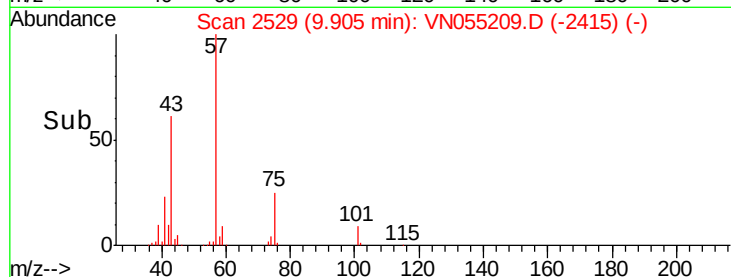
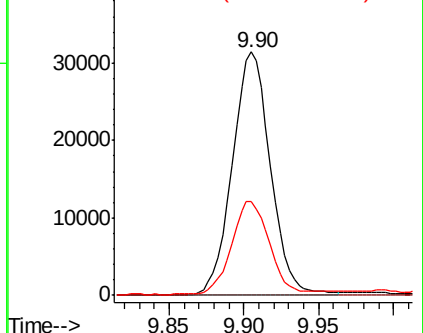
39 38.1 43.0 64.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 0.202 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

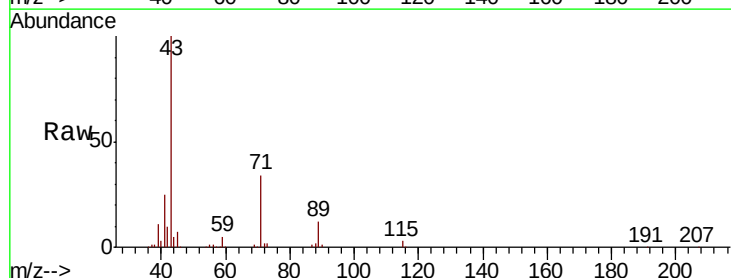
Tgt Ion: 69 Resp: 986

Ion Ratio Lower Upper

69 100

41 4712.9 60.6 90.8#

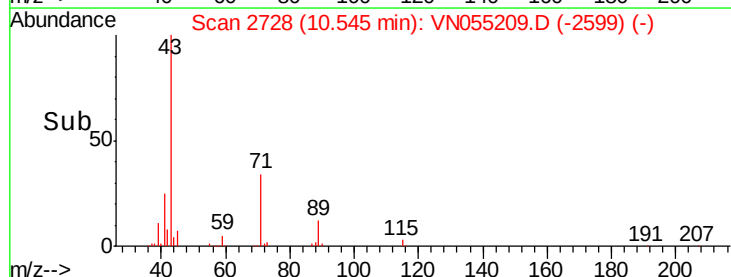
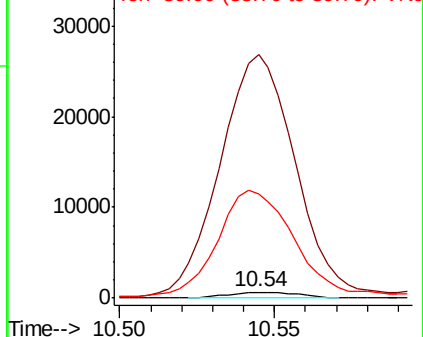
39 2184.0 31.7 47.5#

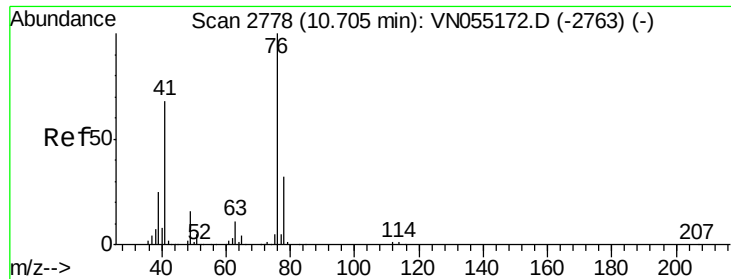


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.455 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

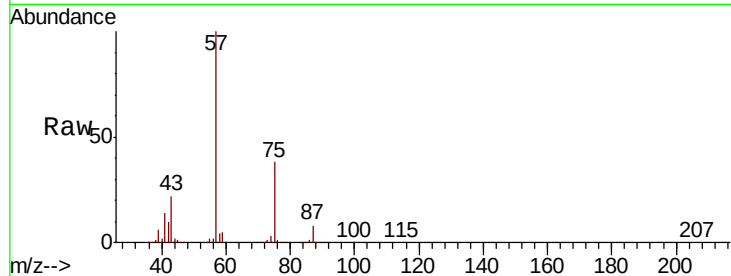
MUDDY-BAGS

Tgt Ion: 76 Resp: 9934

Ion Ratio Lower Upper

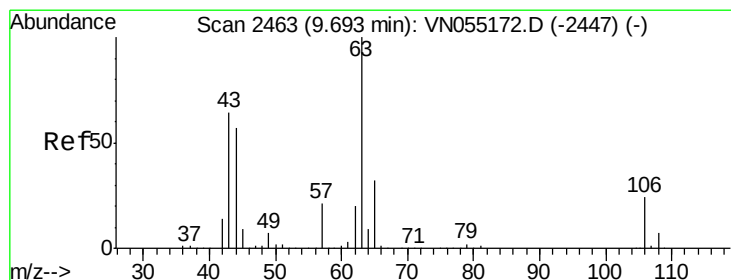
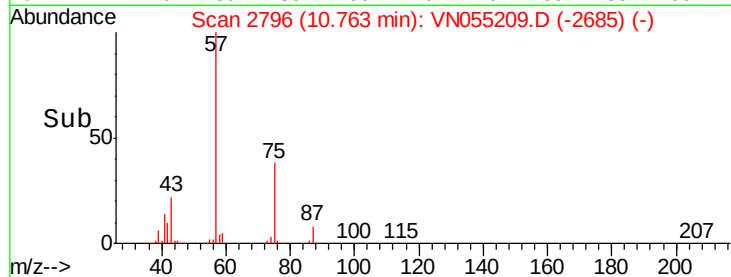
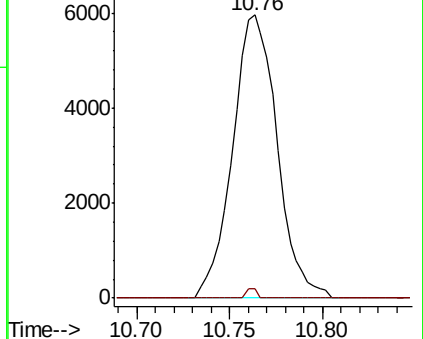
76 100

78 0.8 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 11.315 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.22 min

Lab File: VN055209.D

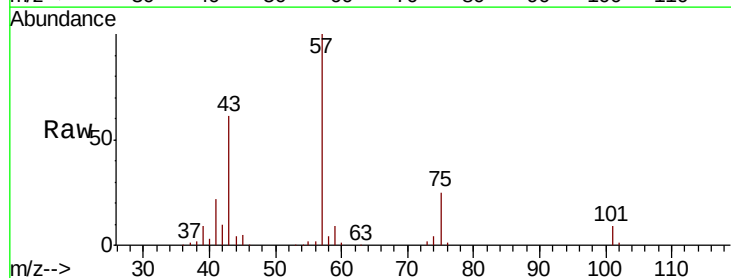
Acq: 23 Apr 2019 16:29

Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

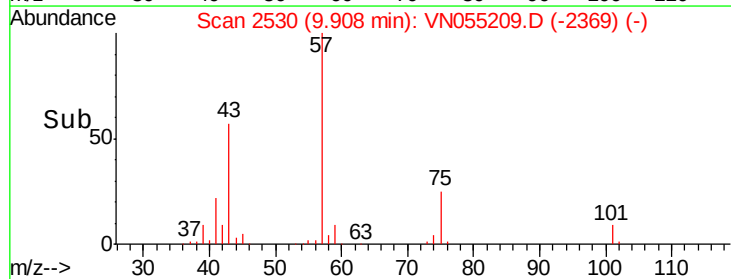
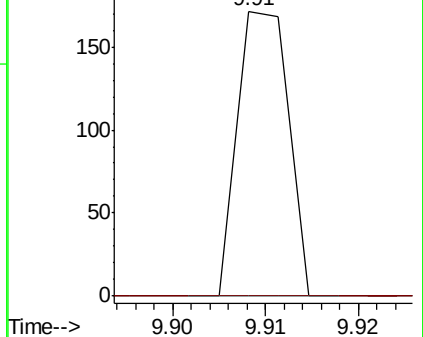
63 100

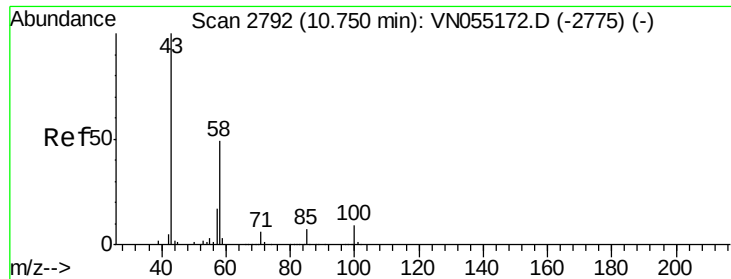
106 0.0 19.4 29.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

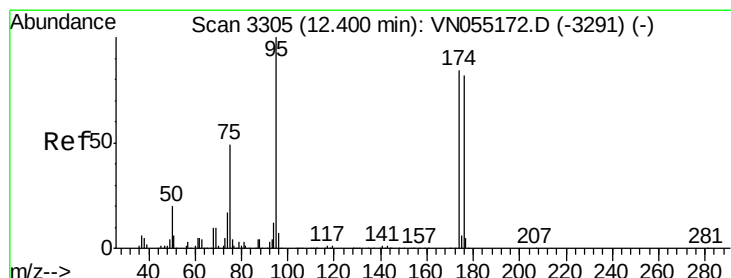
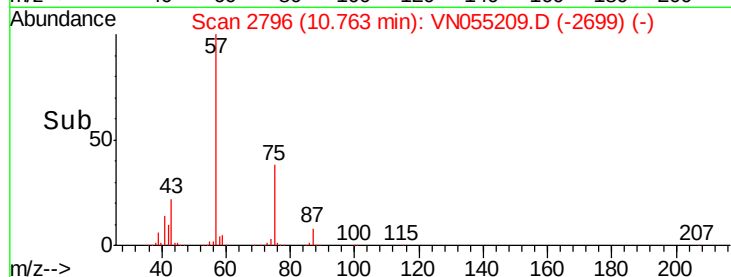
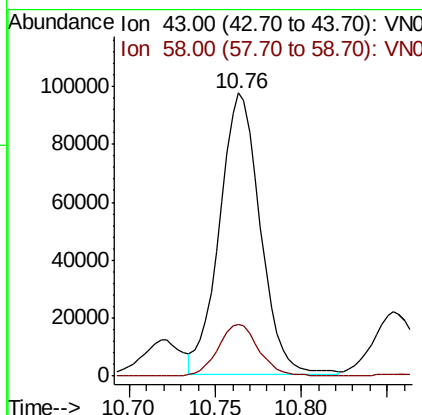
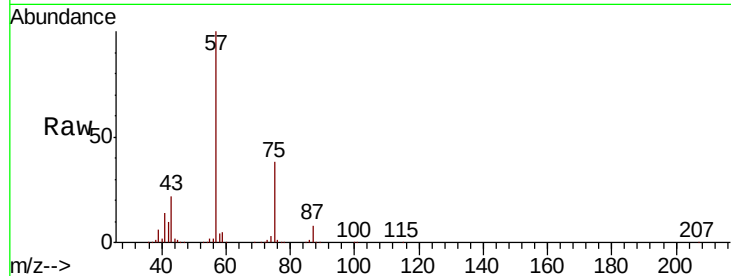




#59
2-Hexanone
Concen: 57.594 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

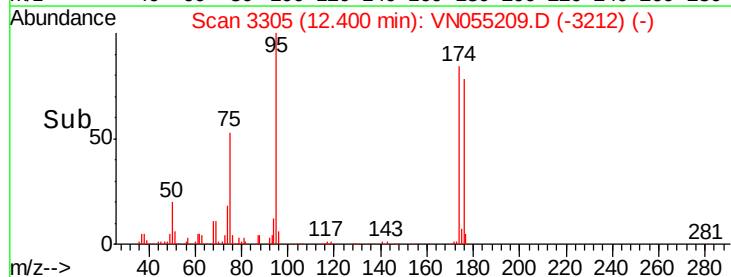
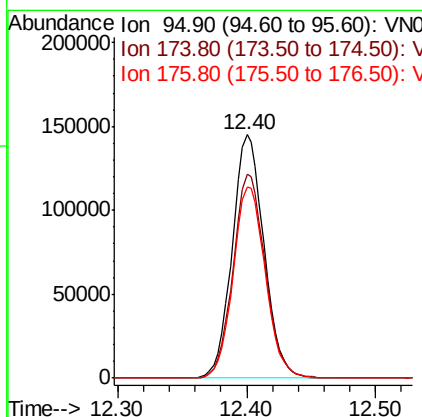
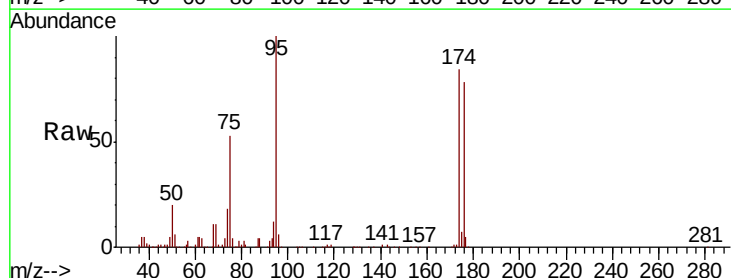
Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

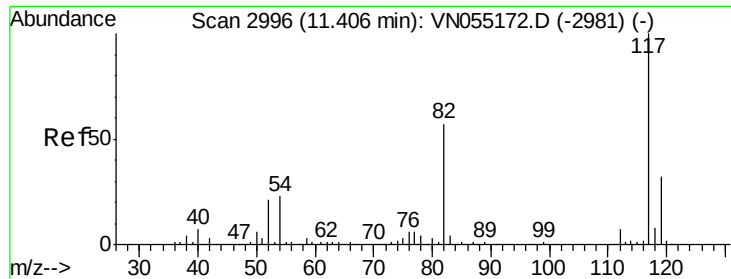
Tgt Ion: 43 Resp: 160857
Ion Ratio Lower Upper
43 100
58 18.7 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 49.056 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Tgt Ion: 95 Resp: 247716
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.4
176 79.9 0.0 164.0

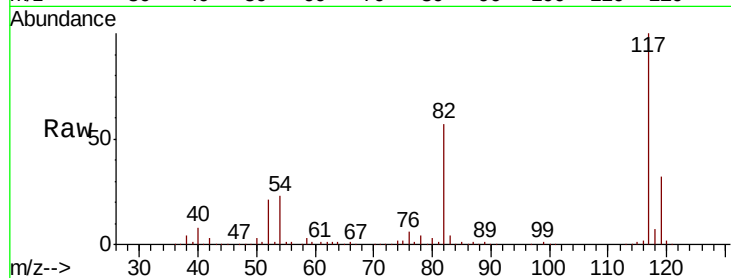




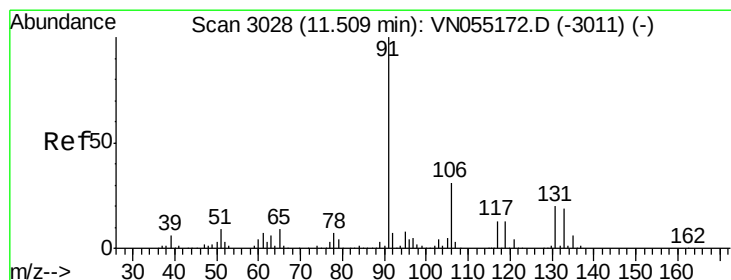
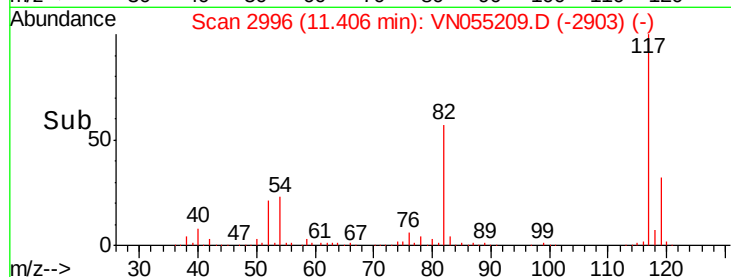
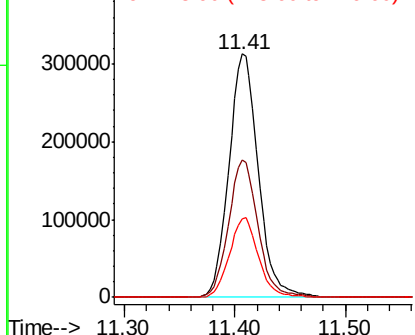
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :
MUDDY-BAGS

Tgt Ion: 117 Resp: 578042
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 32.4 25.4 38.2

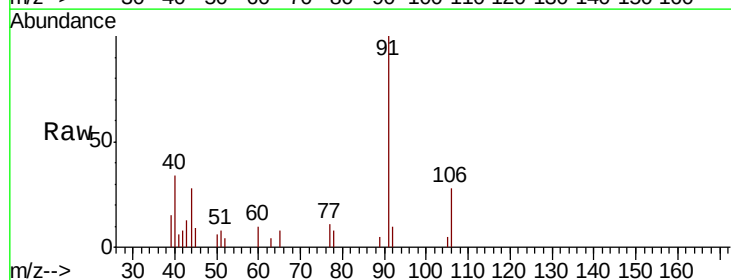


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

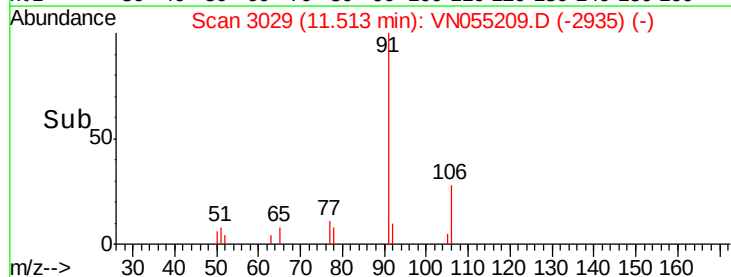
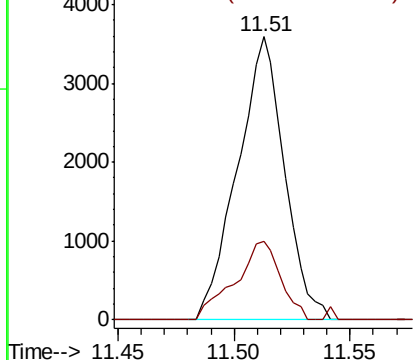


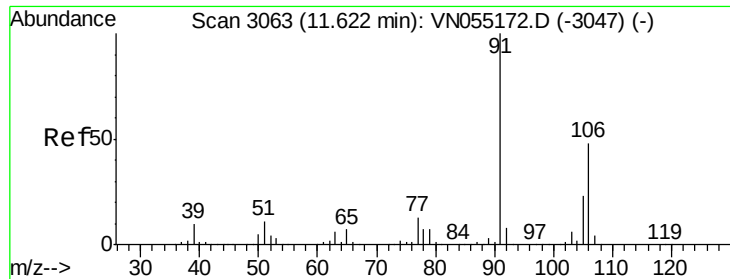
#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055209.D
Acq: 23 Apr 2019 16:29

Tgt Ion: 91 Resp: 5058
Ion Ratio Lower Upper
91 100
106 28.0 24.5 36.7



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





#68

m/p-Xylenes

Concen: 0.646 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

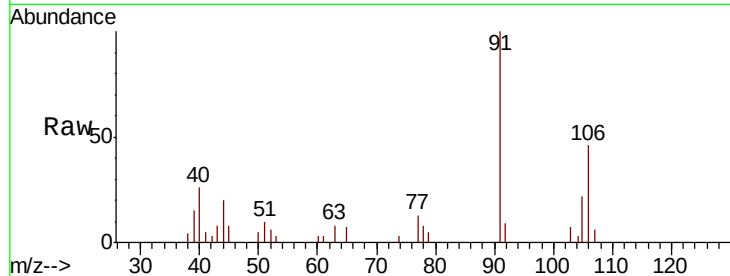
MUDDY-BAGS

Tgt Ion:106 Resp: 4868

Ion Ratio Lower Upper

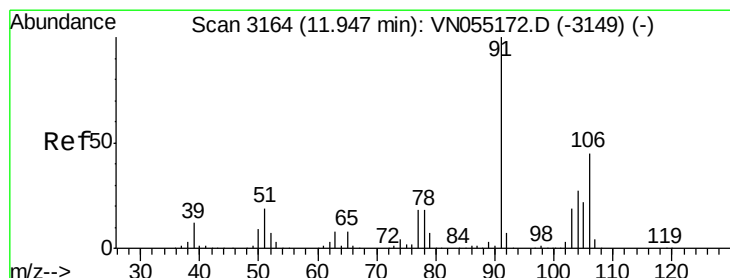
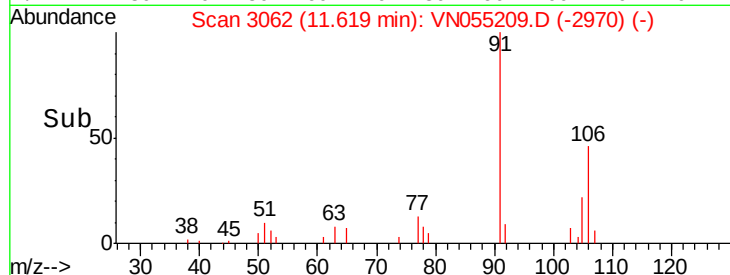
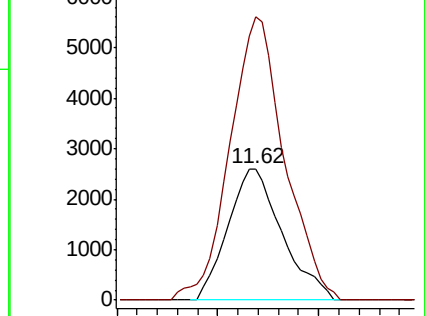
106 100

91 217.8 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.222 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN055209.D

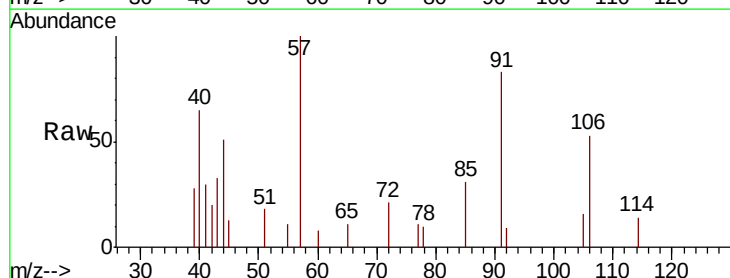
Acq: 23 Apr 2019 16:29

Tgt Ion:106 Resp: 1657

Ion Ratio Lower Upper

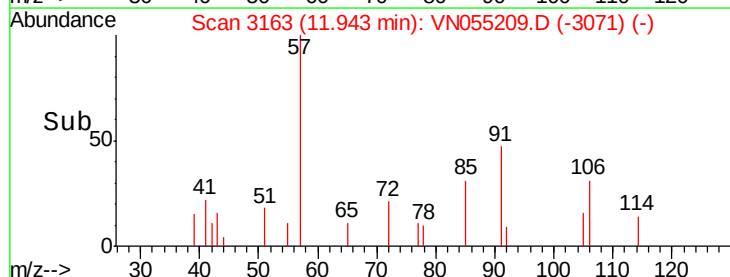
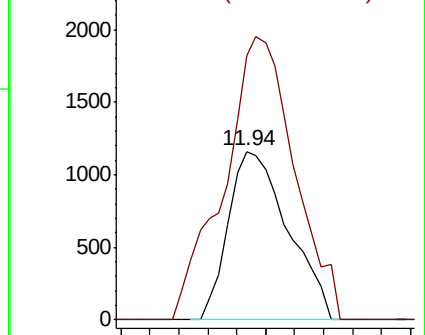
106 100

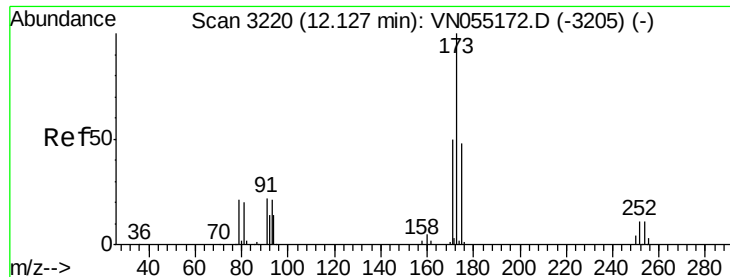
91 198.3 110.6 331.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.999 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

MUDDY-BAGS

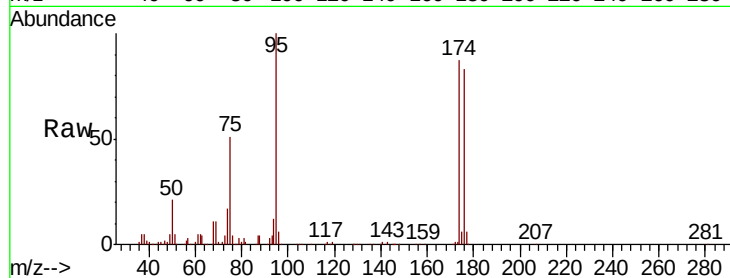
Tgt Ion:173 Resp: 2608

Ion Ratio Lower Upper

173 100

175 534.8 23.8 71.2#

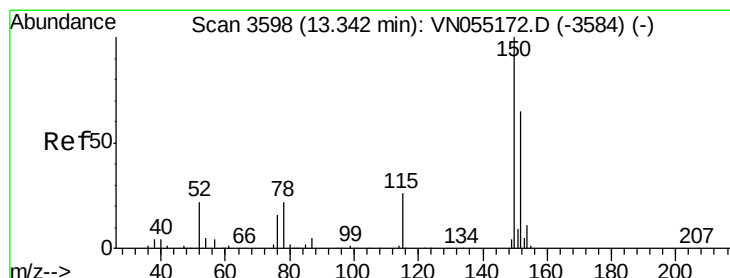
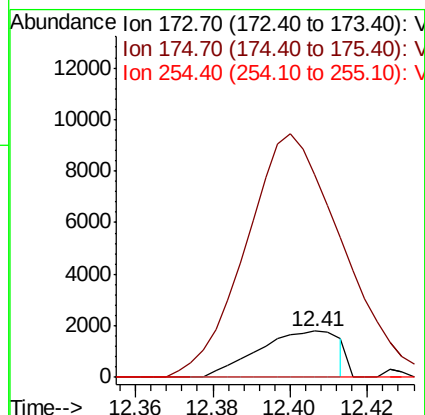
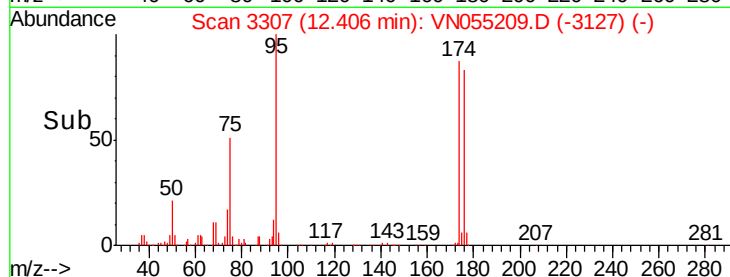
254 0.0 0.1 0.1#



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: VN055209.D

Acq: 23 Apr 2019 16:29

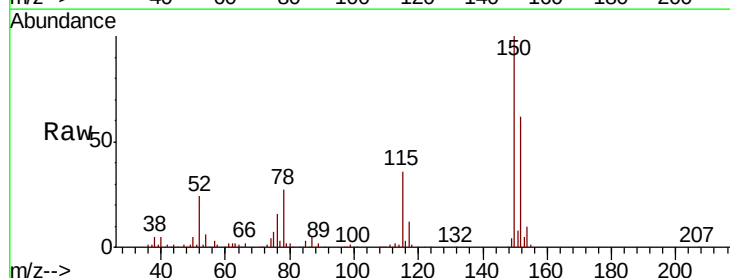
Tgt Ion:152 Resp: 180581

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.7

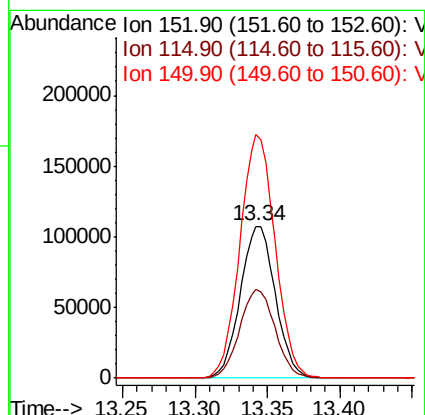
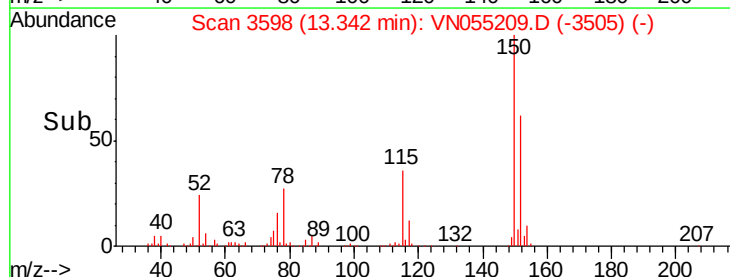
150 160.6 0.0 346.6

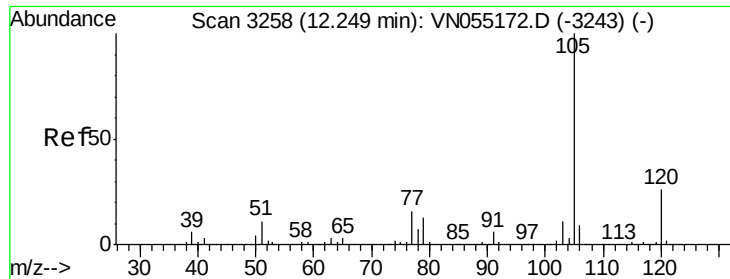


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

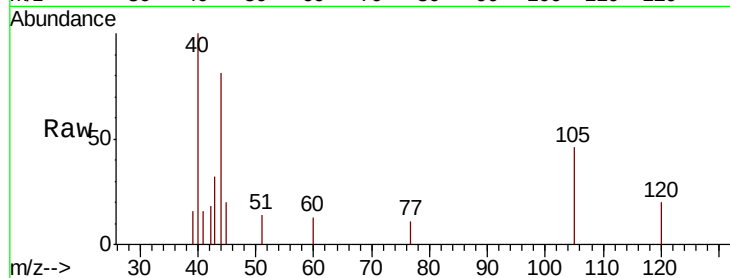
MUDDY-BAGS

Tgt Ion: 105.00 Resp: 997

Ion Ratio Lower Upper

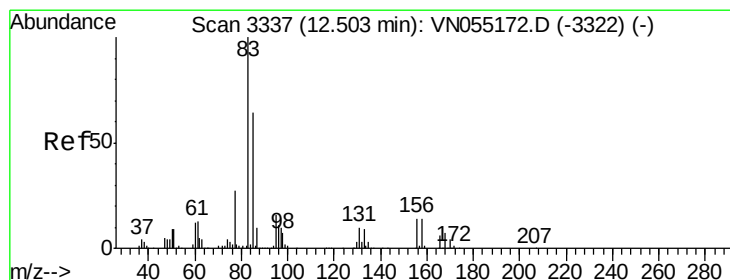
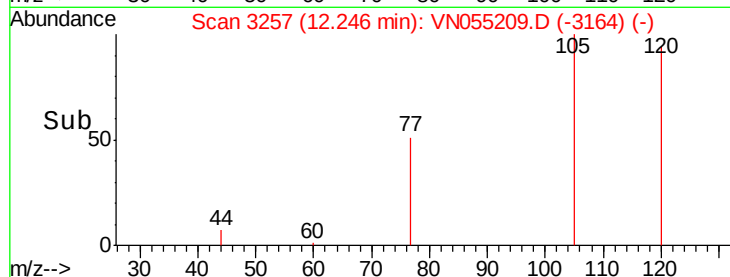
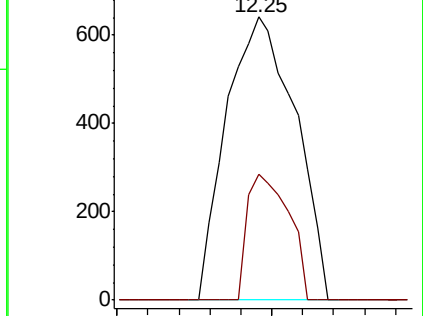
105 100

120 26.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

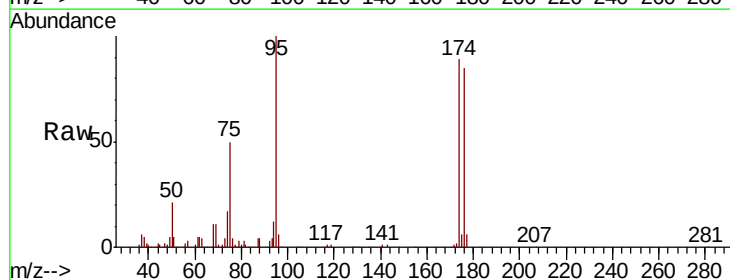
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 817.2 5.0 15.0#

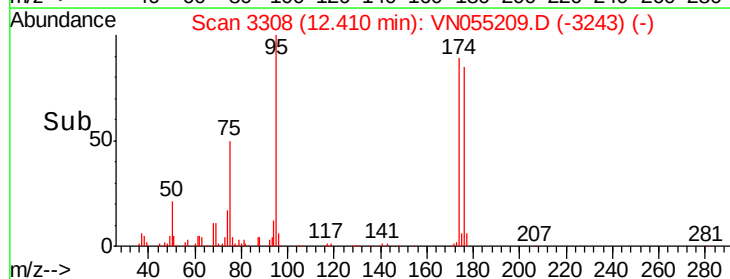
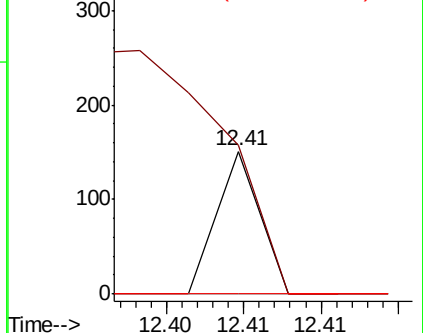
85 0.0 32.1 96.3#

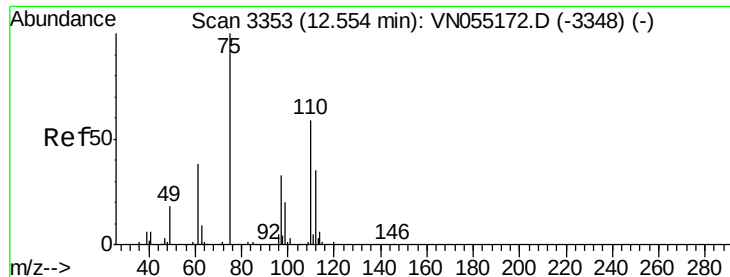


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.908 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

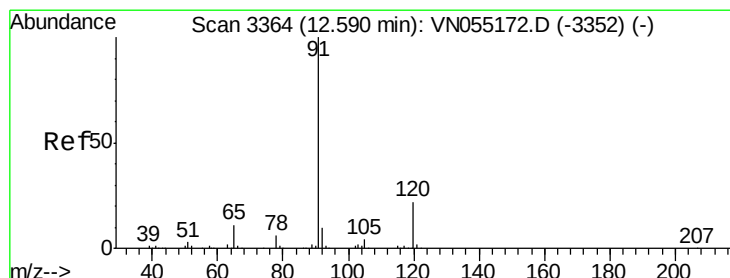
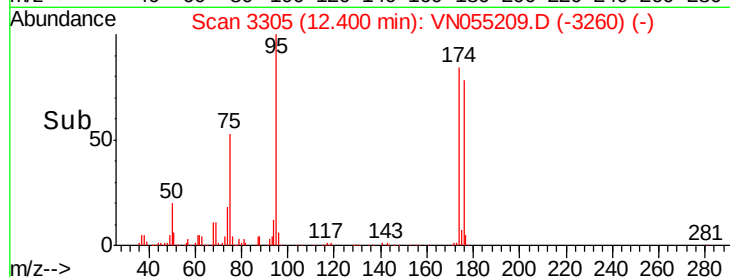
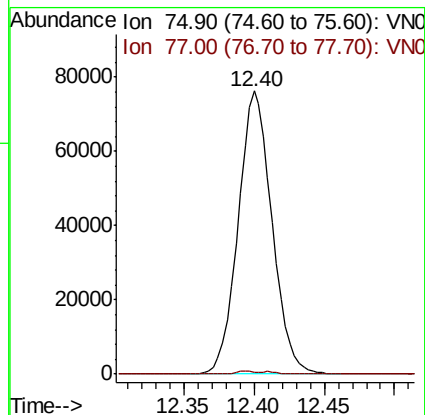
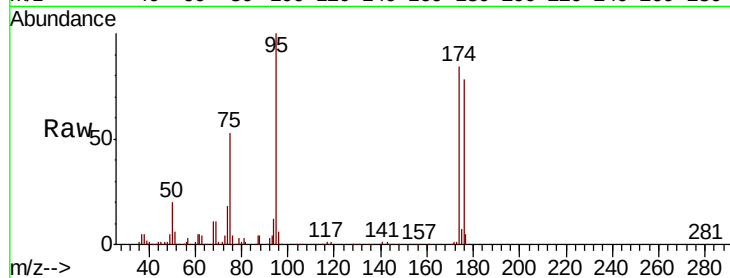
MUDDY-BAGS

Tgt Ion: 75 Resp: 127887

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#



#78

n-propylbenzene

Concen: 0.264 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055209.D

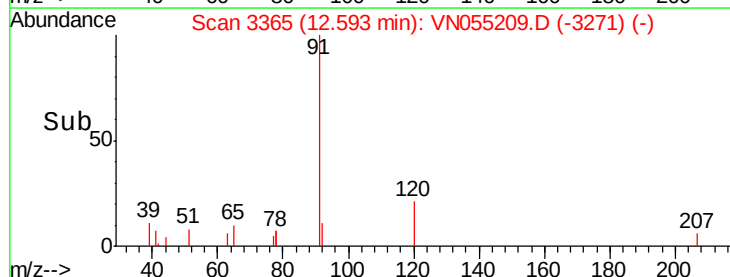
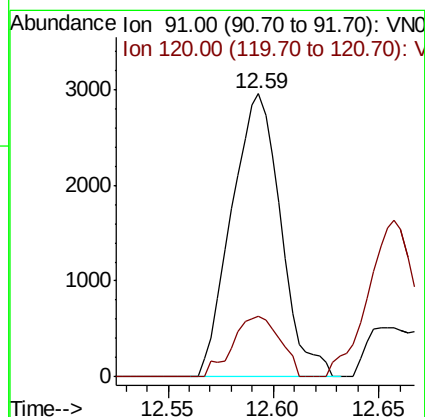
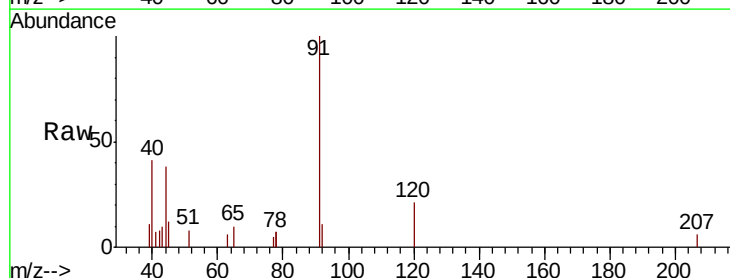
Acq: 23 Apr 2019 16:29

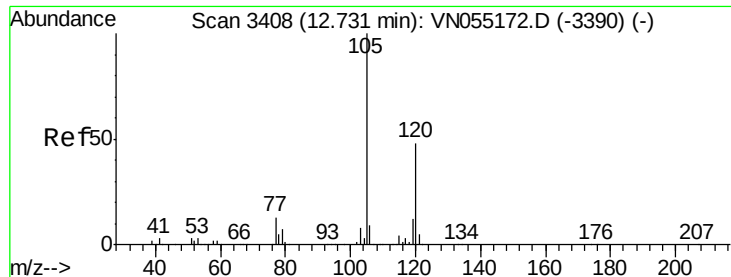
Tgt Ion: 91 Resp: 4789

Ion Ratio Lower Upper

91 100

120 20.5 11.3 33.9

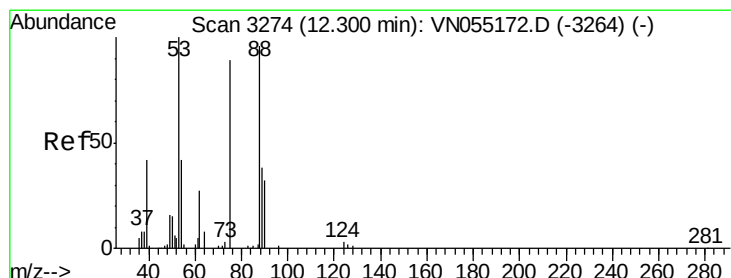
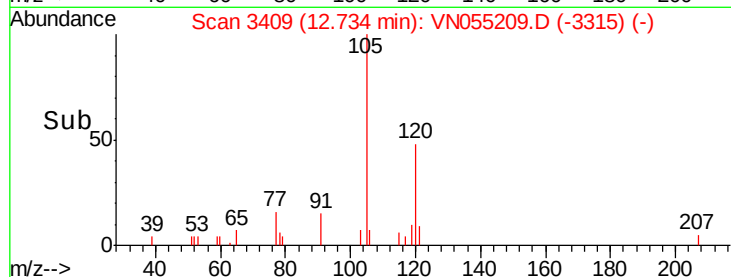
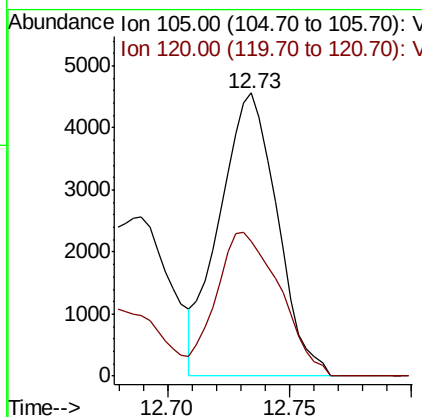
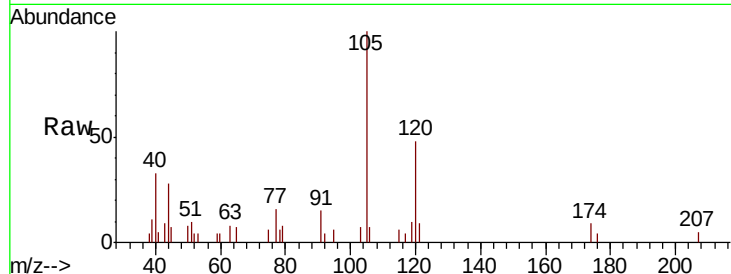




#80
 1,3,5-Trimethylbenzene
 Concen: 0.556 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

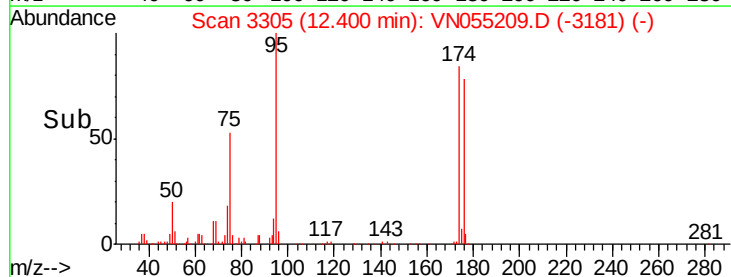
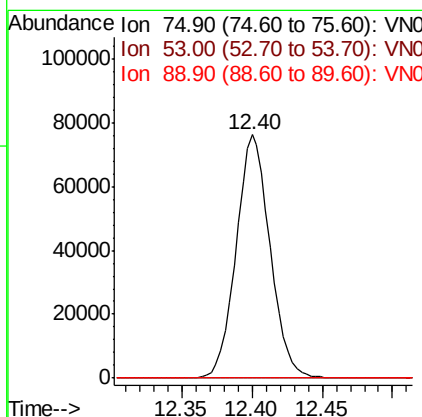
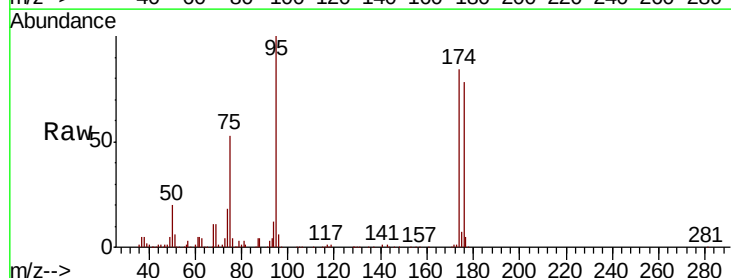
Instrument :
 MSVOA_N
 ClientSampled :
 MUDDY-BAGS

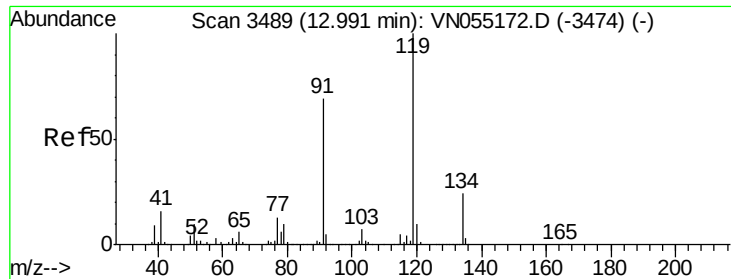
Tgt Ion: 105 Resp: 7519
 Ion Ratio Lower Upper
 105 100
 120 56.2 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.332 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

Tgt Ion: 75 Resp: 127887
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.1 135.1#
 89 0.0 36.7 55.1#

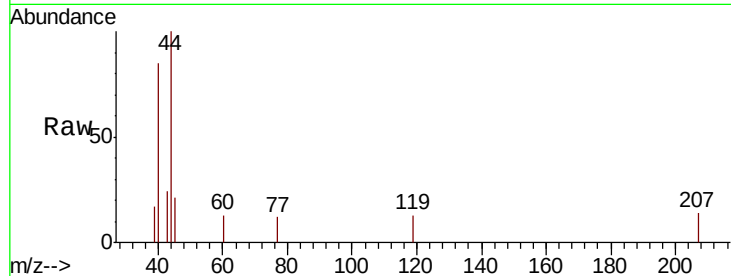




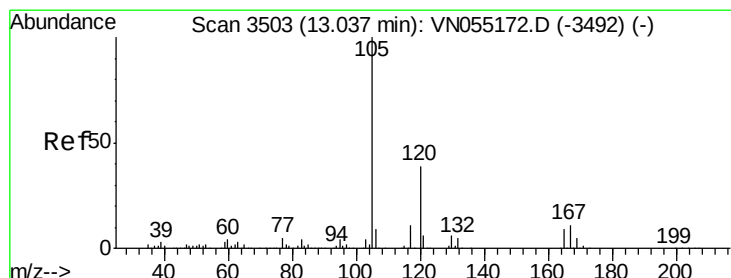
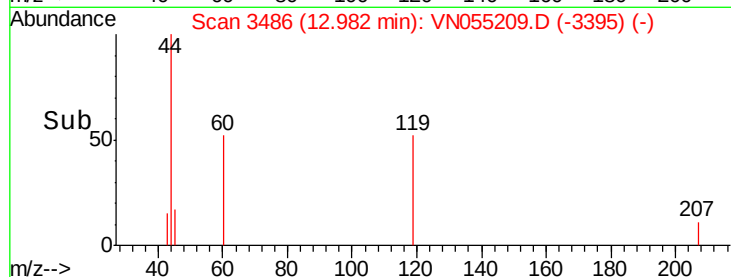
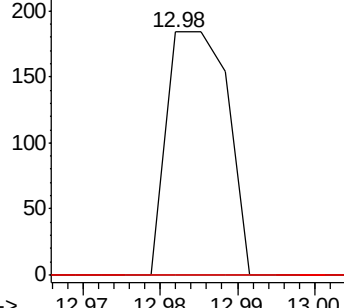
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.98 min Scan# 3486
 Delta R.T. -0.01 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MUDDY-BAGS

Tgt Ion:119 Resp: 101
 Ion Ratio Lower Upper
 119 100
 91 0.0 33.8 101.3#
 134 0.0 13.2 39.5#

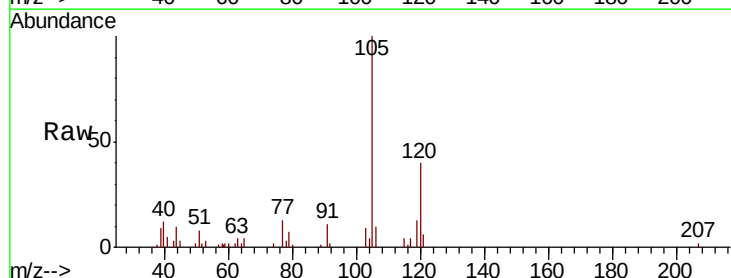


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

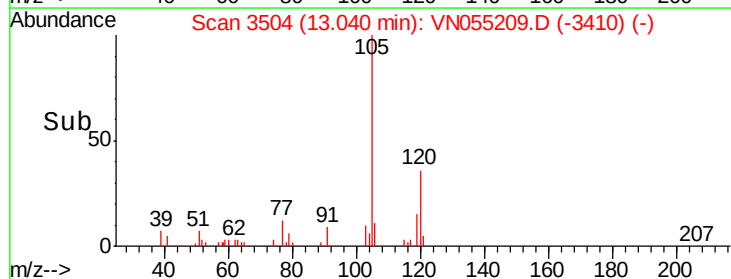
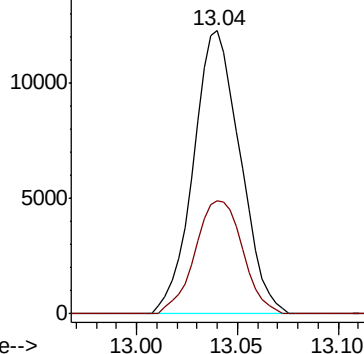


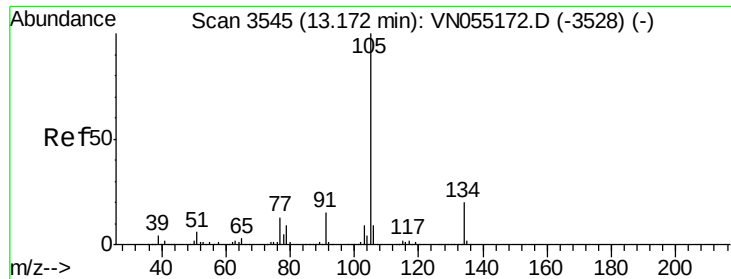
#84
 1,2,4-Trimethylbenzene
 Concen: 1.563 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055209.D
 Acq: 23 Apr 2019 16:29

Tgt Ion:105 Resp: 19943
 Ion Ratio Lower Upper
 105 100
 120 40.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.304 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

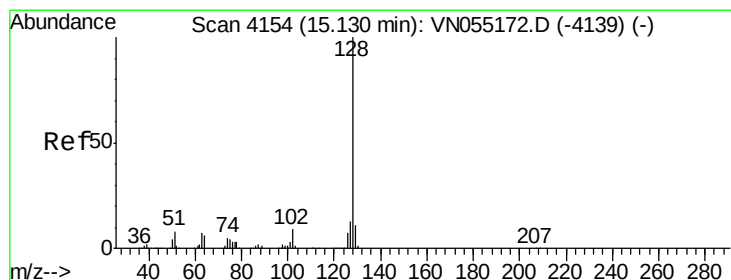
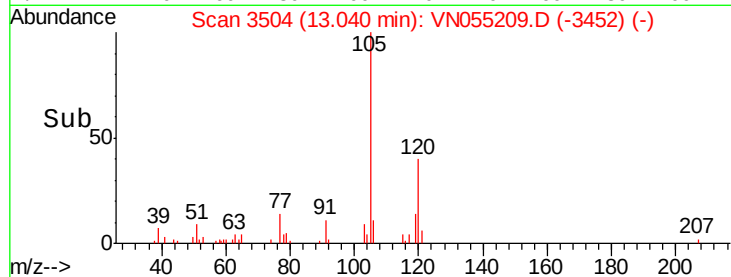
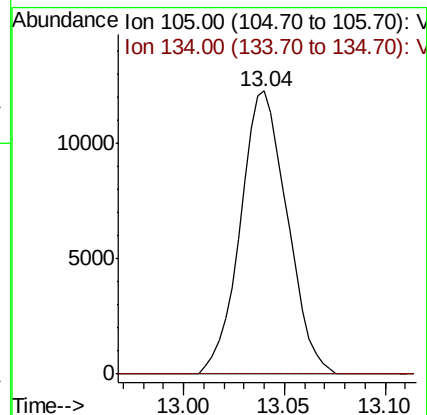
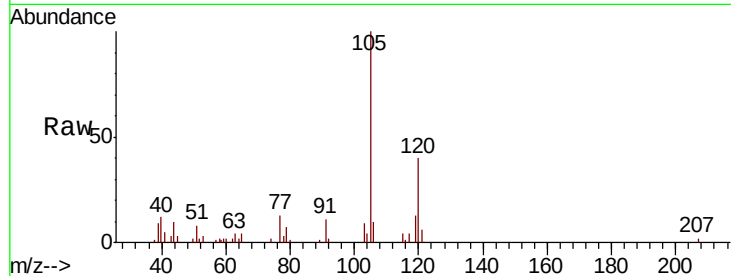
MUDDY-BAGS

Tgt Ion:105 Resp: 19943

Ion Ratio Lower Upper

105 100

134 0.0 10.0 30.0#



#95

Naphthalene

Concen: 3.664 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055209.D

Acq: 23 Apr 2019 16:29

Tgt Ion:128 Resp: 1704

Ion Ratio Lower Upper

128 100

127 1.8 10.3 15.5#

129 1.8 8.8 13.2#

