

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053017.D
 Acq On : 19 Dec 2018 17:56
 Operator : MD\SY
 Sample : J6475-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE

Quant Time: Dec 20 05:22:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1272093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1965351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1821996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	793620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	636169	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	523449	58.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.62%	
50) Toluene-d8	10.09	98	2442190	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	842899	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

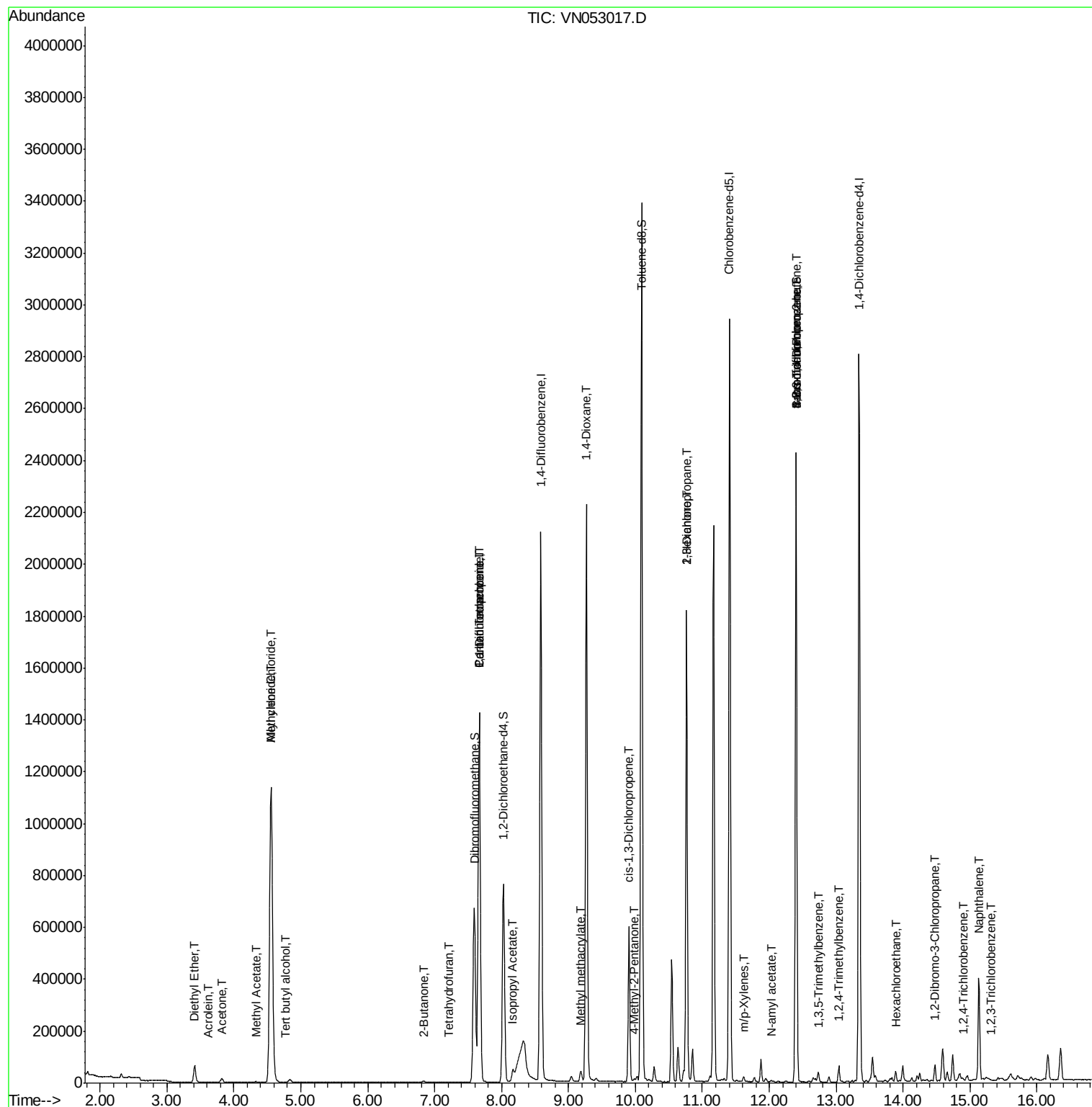
						Qvalue
8) Diethyl Ether	3.41	74	34806	4.687	ug/l	100
11) Tert butyl alcohol	4.77	59	477	0.606	ug/l #	74
13) Acrolein	3.62	56	180	0.252	ug/l #	53
14) Allyl chloride	4.55	41	33439	1.780	ug/l #	24
16) Acetone	3.82	43	23407	9.248	ug/l	99
18) Methyl Acetate	4.33	43	7628	1.643	ug/l	90
20) Methylene Chloride	4.55	84	906455	65.652	ug/l	97
25) 2-Butanone	6.84	43	4783	1.126	ug/l	97
29) Tetrahydrofuran	7.22	42	2125	0.670	ug/l #	46
31) Cyclohexane	7.66	56	21209	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	83178	4.409	ug/l #	48
38) Carbon Tetrachloride	7.67	117	110464	6.389	ug/l #	16
43) Isopropyl Acetate	8.17	43	57855	1.833	ug/l #	80
48) Methyl methacrylate	9.18	41	15231	1.490	ug/l #	12
49) 1,4-Dioxane	9.26	88	113	0.874	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6993	0.686	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	113102	5.178	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	19426	0.934	ug/l #	42
59) 2-Hexanone	10.76	43	258343	37.441	ug/l #	50
68) m/p-Xylenes	11.62	106	6624	0.251	ug/l	88
71) Bromoform	12.40	173	5394	0.532	ug/l #	1
74) N-amyl acetate	12.03	43	3960	0.230	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	389629	29.164	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19495	0.385	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	389629	94.000	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	36042	0.708	ug/l	100
90) Hexachloroethane	13.89	117	2813	0.350	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.48	75	550	0.261	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	302	0.617	ug/l #	1
95) Naphthalene	15.13	128	343630	11.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	101	0.516	ug/l #	87

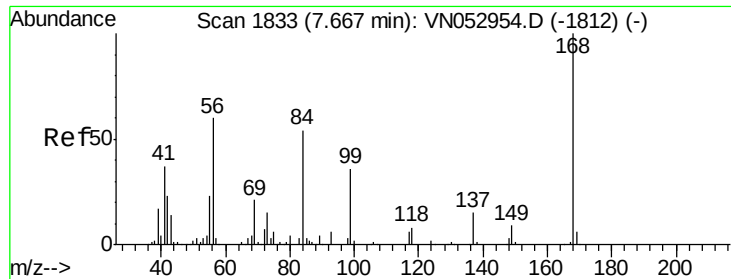
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

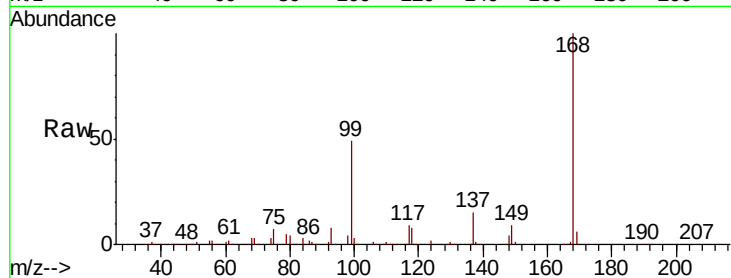
SLUDGE

Tot Ion:168 Resp: 1272093

Ion Ratio Lower Upper

168 100

99 49.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053017.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053017.D (-1740) (-)

7.67

600000

500000

400000

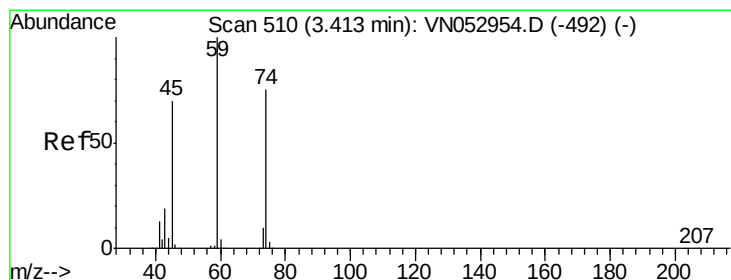
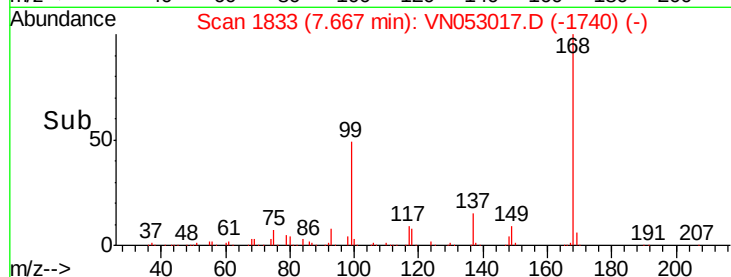
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 4.687 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN053017.D

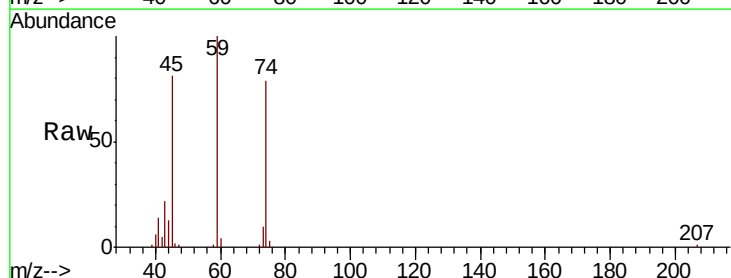
Acq: 19 Dec 2018 17:56

Tgt Ion: 74 Resp: 34806

Ion Ratio Lower Upper

74 100

45 98.5 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN053017.D (-417) (-)

Ion 45.00 (44.70 to 45.70): VN053017.D (-417) (-)

3.41

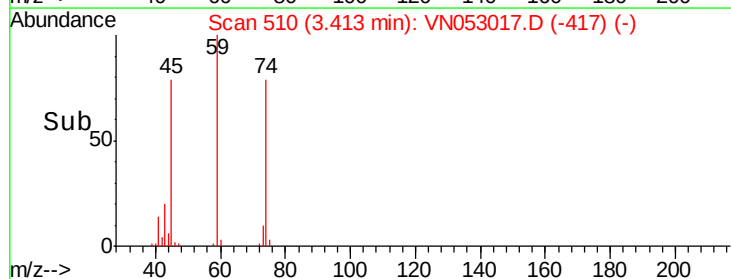
15000

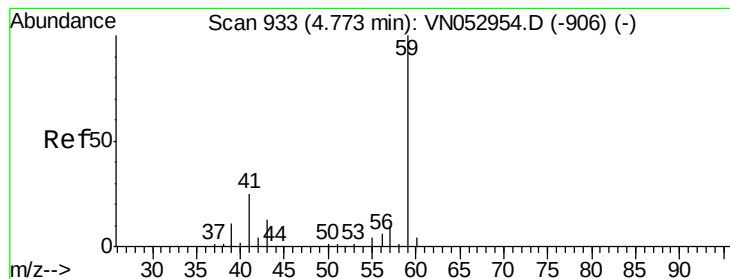
10000

5000

0

Time-->





#11

Tert butyl alcohol

Concen: 0.606 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampled :

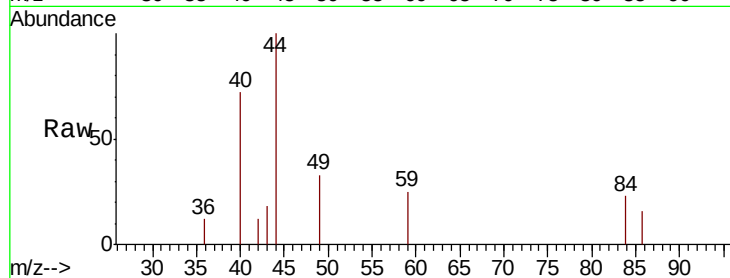
SLUDGE

Tot Ion: 59 Resp: 477

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.77

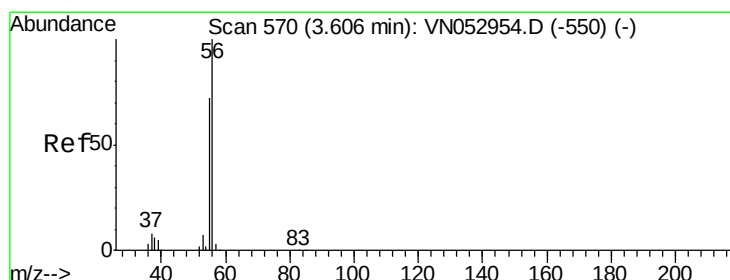
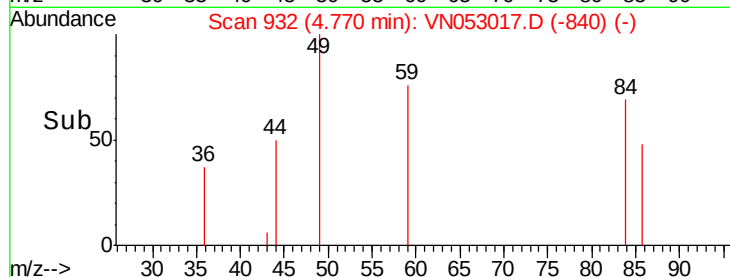
300

200

100

0

Time-->



#13

Acrolein

Concen: 0.252 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN053017.D

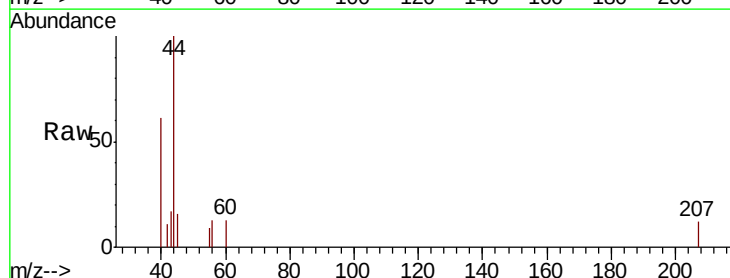
Acq: 19 Dec 2018 17:56

Tgt Ion: 56 Resp: 180

Ion Ratio Lower Upper

56 100

55 32.2 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250

200

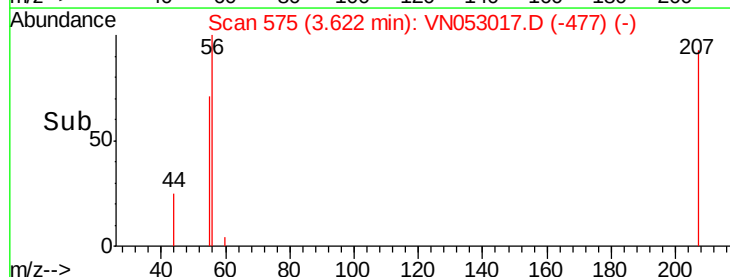
150

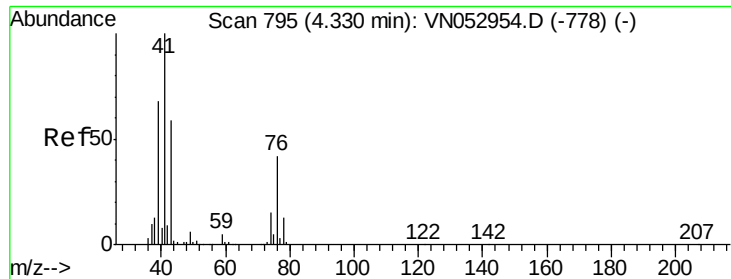
100

50

0

Time-->

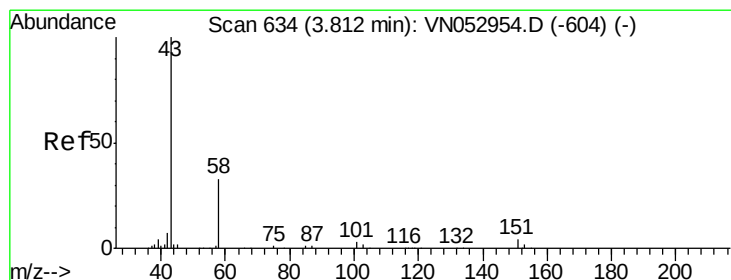
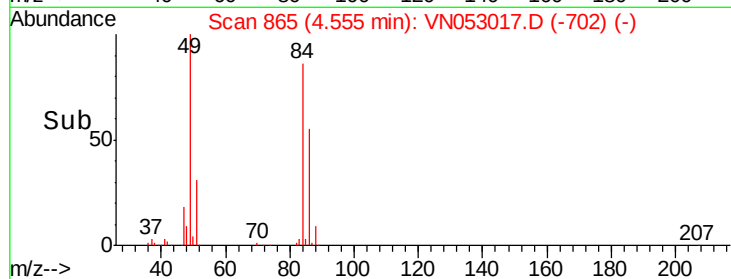
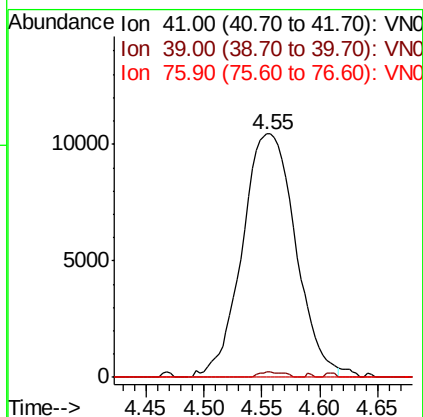
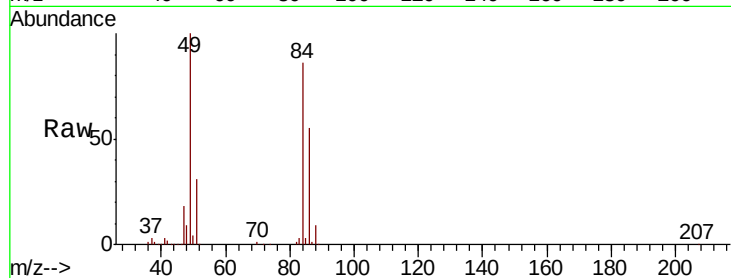




#14
Allvl chloride
Concen: 1.780 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.22 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

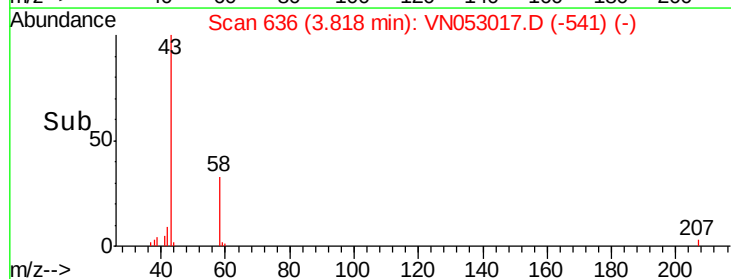
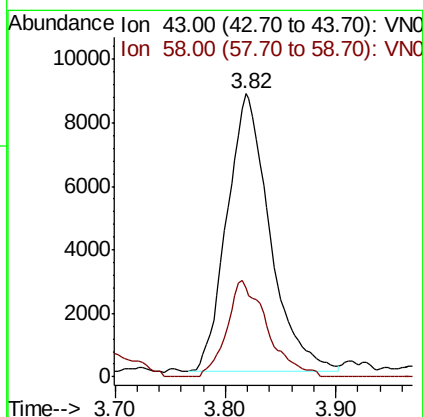
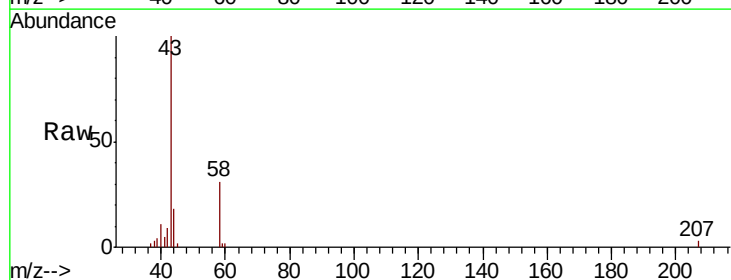
Instrument :
MSVOA_N
ClientSampled :
SLUDGE

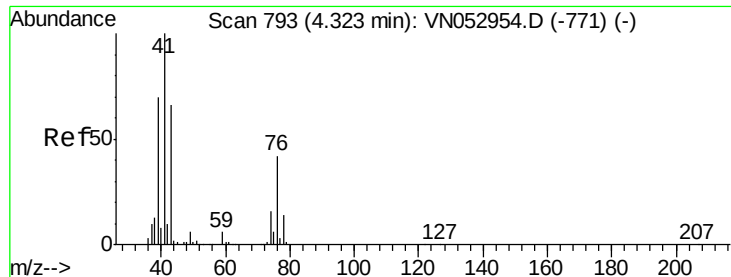
Tot Ion	Ratio	Lower	Upper
41	100		
39	1.1	54.1	81.1#
76	0.0	30.3	45.5#



#16
Acetone
Concen: 9.248 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.4	38.0

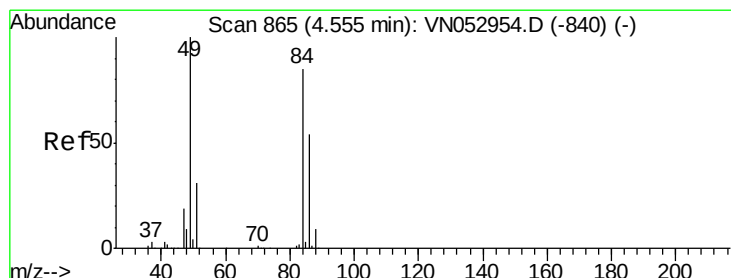
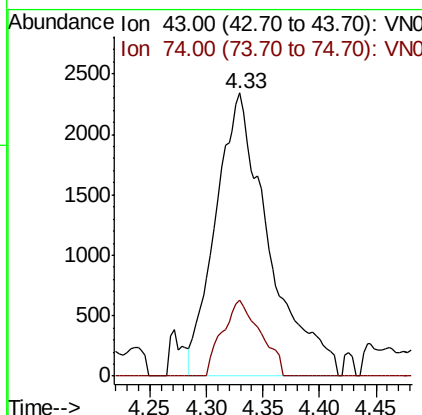
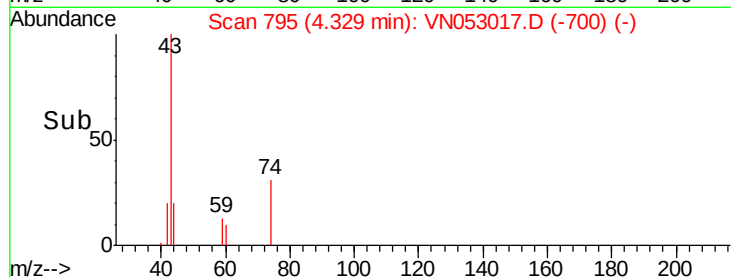
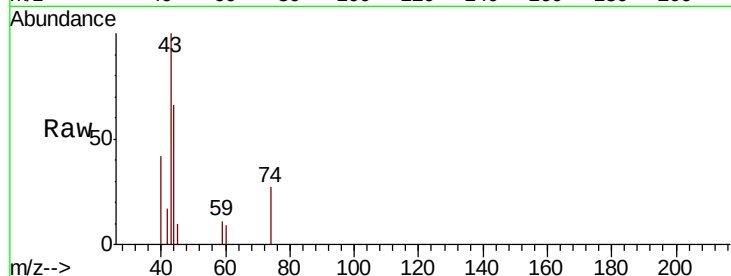




#18
Methyl Acetate
Concen: 1.643 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

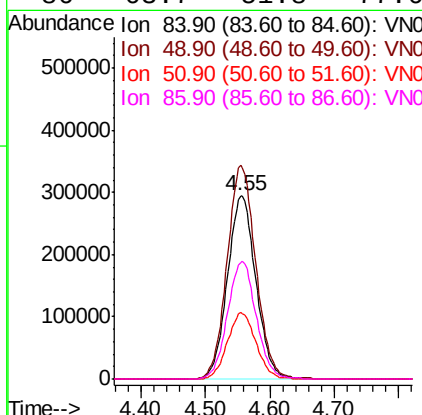
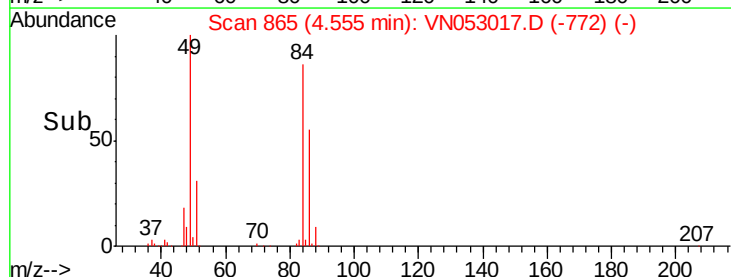
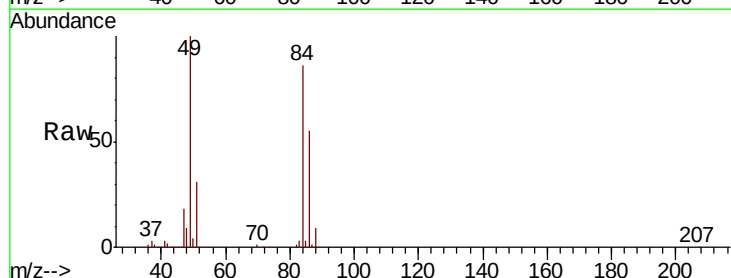
Instrument :
MSVOA_N
ClientSampled :
SLUDGE

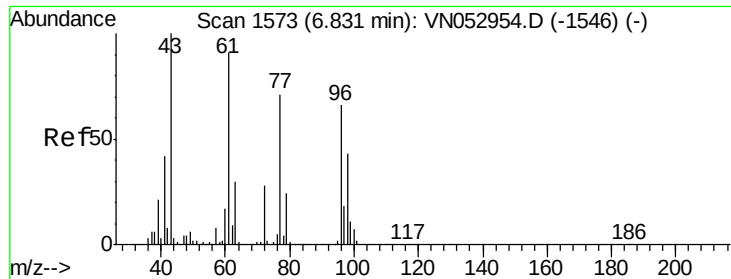
Tot Ion: 43 Resp: 7628
Ion Ratio Lower Upper
43 100
74 19.2 19.2 28.8



#20
Methylene Chloride
Concen: 65.652 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion: 84 Resp: 906455
Ion Ratio Lower Upper
84 100
49 116.5 96.8 145.2
51 36.1 29.9 44.9
86 63.7 51.8 77.6

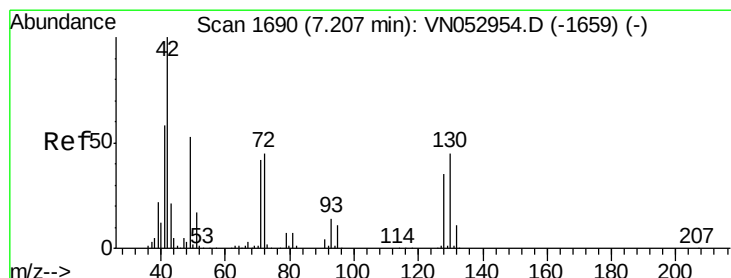
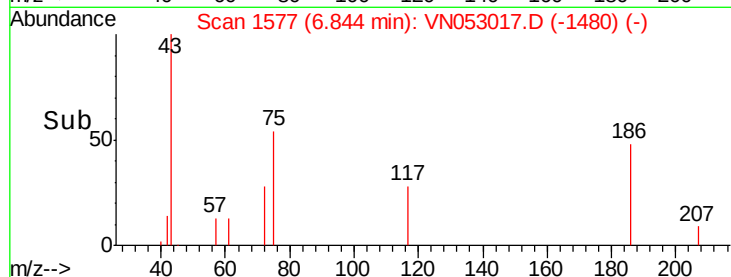
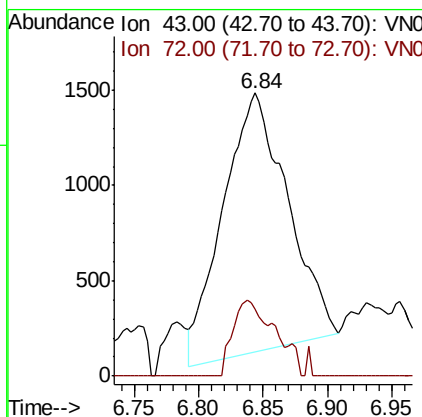
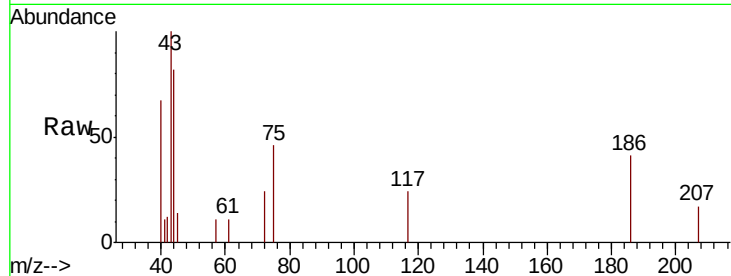




#25
2-Butanone
Concen: 1.126 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

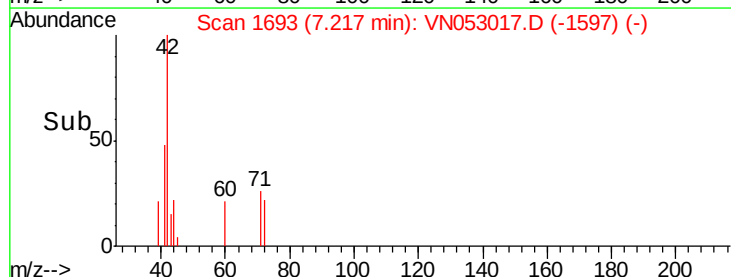
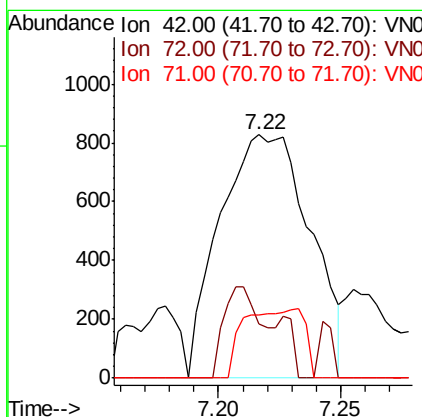
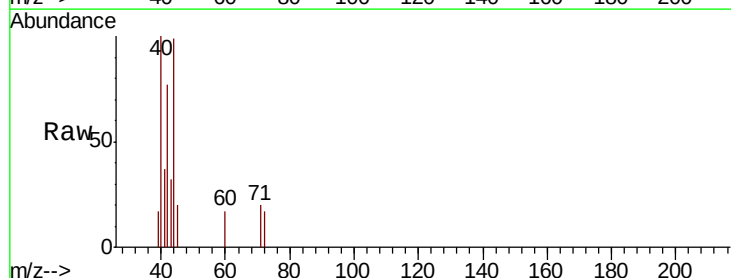
Instrument :
MSVOA_N
ClientSampled :
SLUDGE

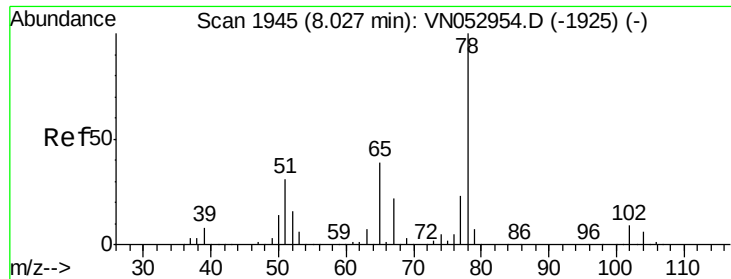
Tot Ion: 43 Resp: 4783
Ion Ratio Lower Upper
43 100
72 27.8 21.0 31.6



#29
Tetrahydrofuran
Concen: 0.670 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion: 42 Resp: 2125
Ion Ratio Lower Upper
42 100
72 15.0 34.7 52.1#
71 0.0 32.3 48.5#

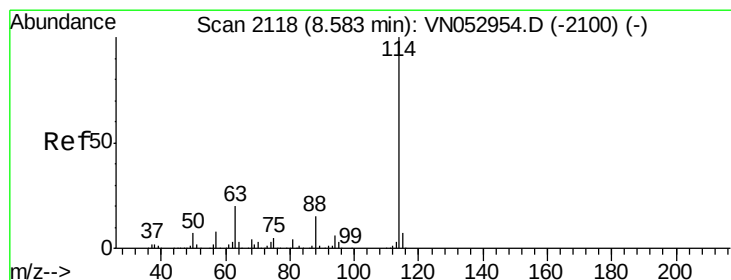
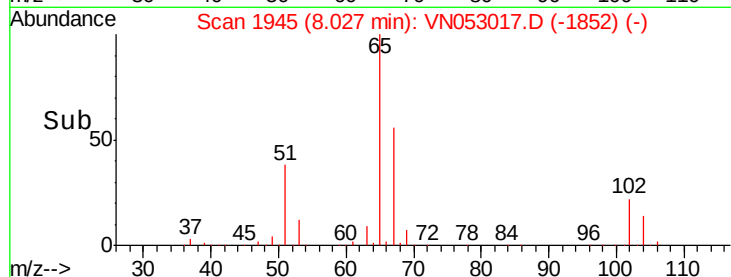
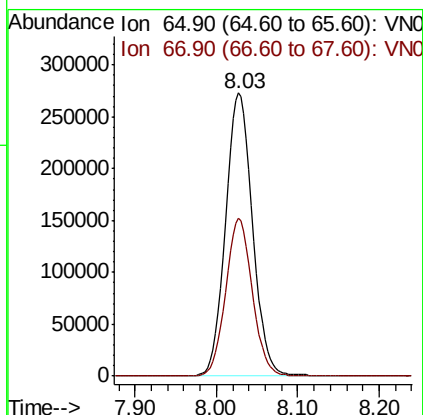
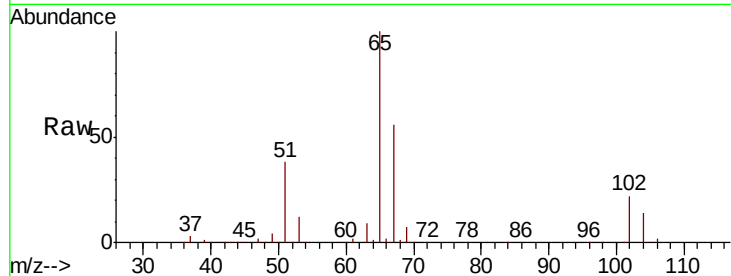




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053017.D
 Acq: 19 Dec 2018 17:56

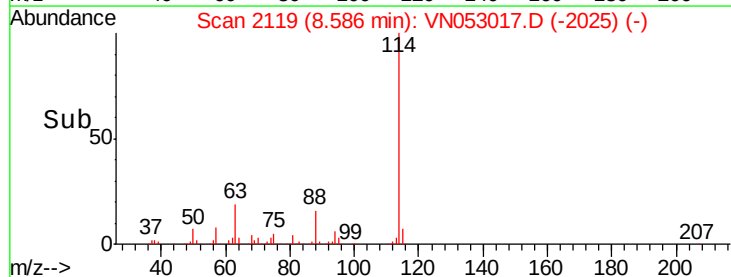
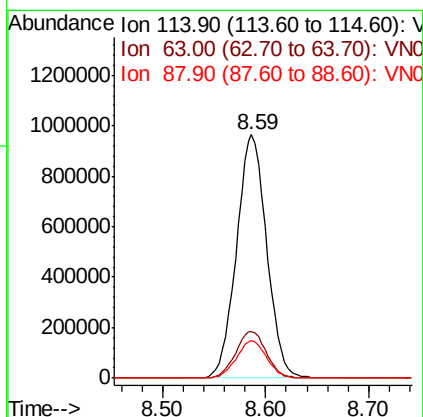
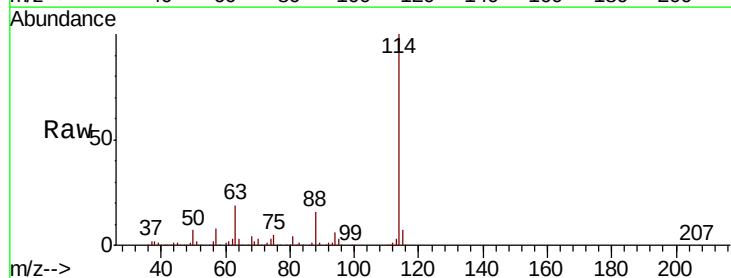
Instrument :
 MSVOA_N
 ClientSampleId :
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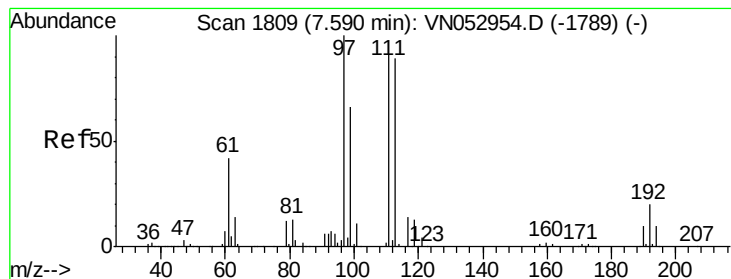
Tot Ion: 65 Resp: 636169
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053017.D
 Acq: 19 Dec 2018 17:56

Tgt Ion: 114 Resp: 1965351
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampled :

SLUDGE

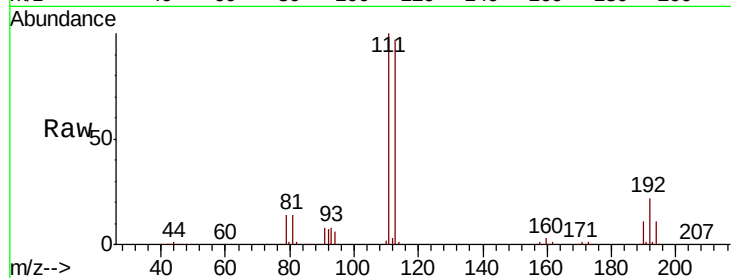
Tot Ion:113 Resp: 523449

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

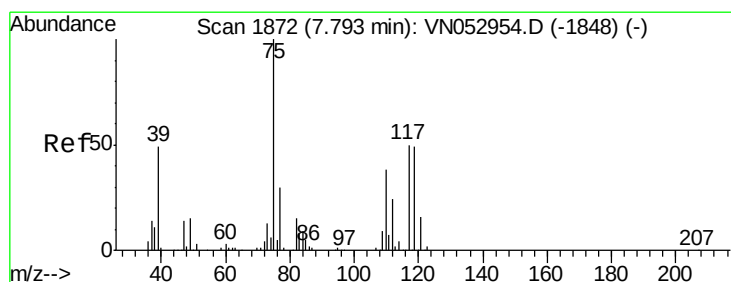
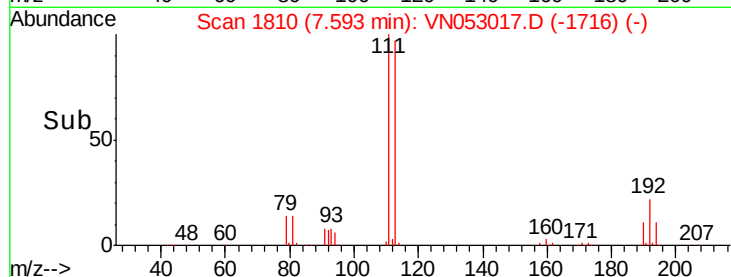
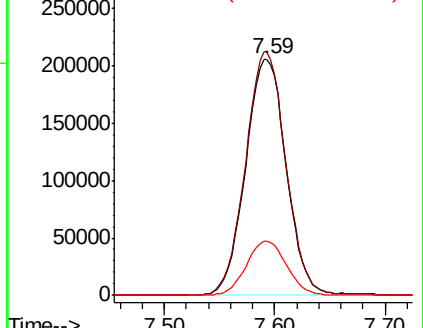
192 22.9 17.5 26.3



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: 4.409 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

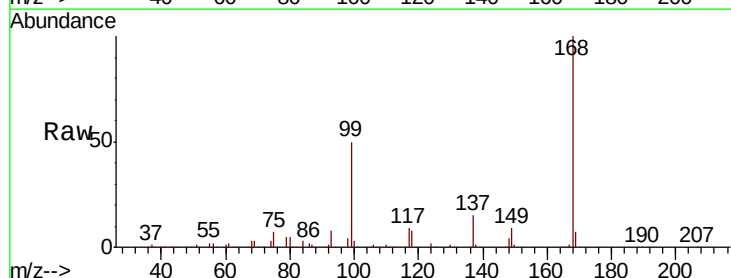
Tgt Ion: 75 Resp: 83178

Ion Ratio Lower Upper

75 100

110 7.9 18.2 54.6#

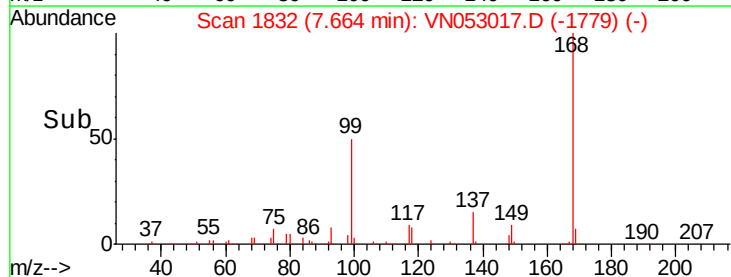
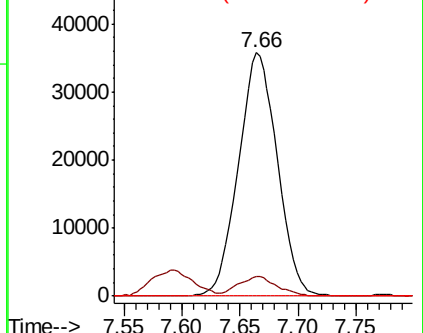
77 0.0 24.9 37.3#

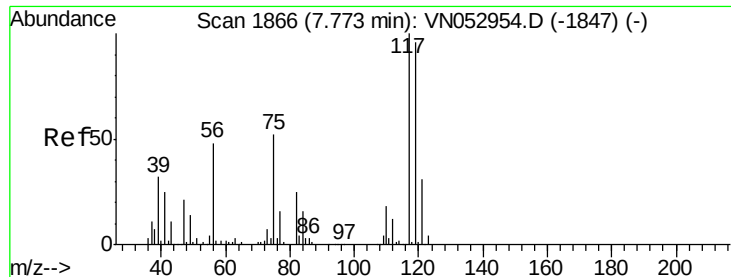


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.389 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

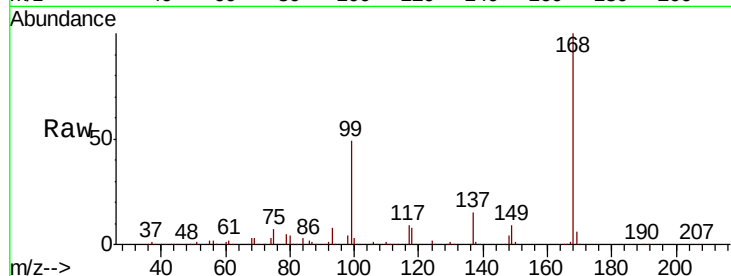
Tot Ion:117 Resp: 110464

Ion Ratio Lower Upper

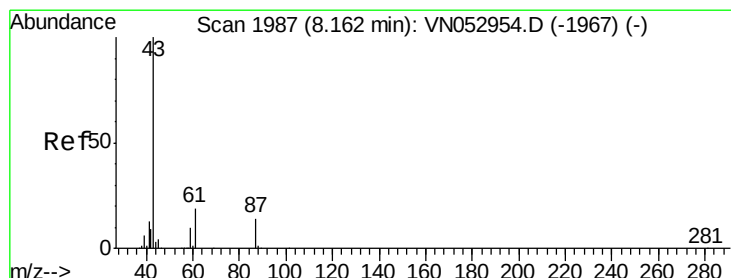
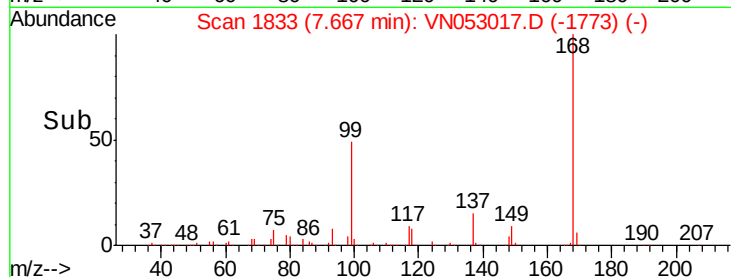
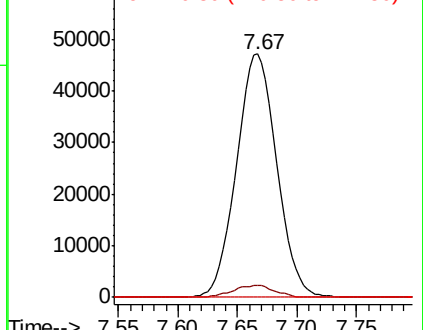
117 100

119 5.1 77.1 115.7#

121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.833 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

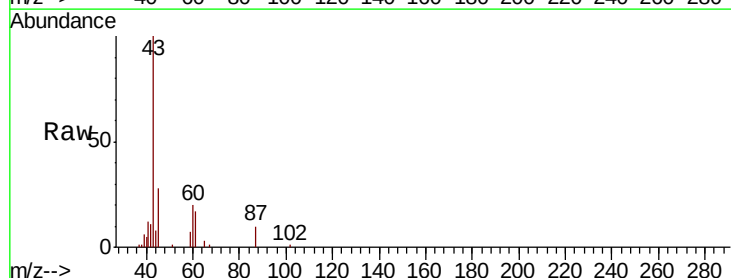
Tgt Ion: 43 Resp: 57855

Ion Ratio Lower Upper

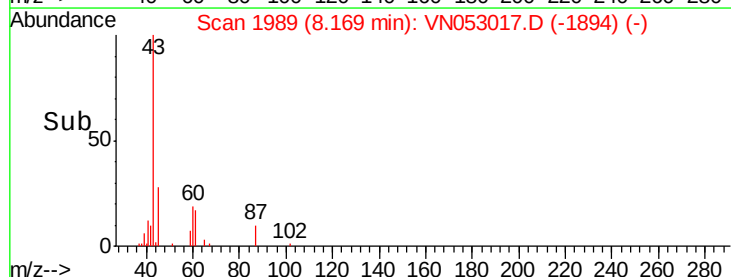
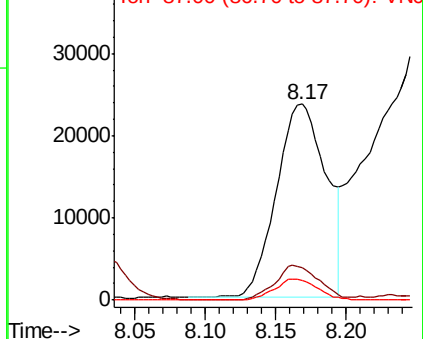
43 100

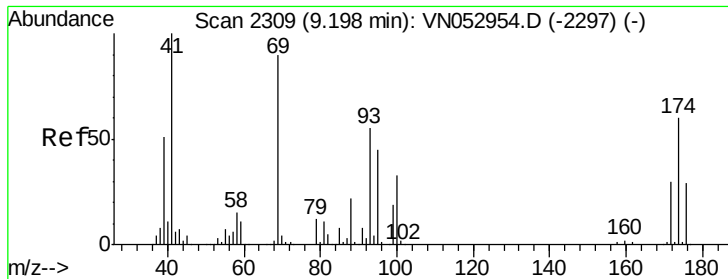
61 15.7 22.9 34.3#

87 9.4 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V

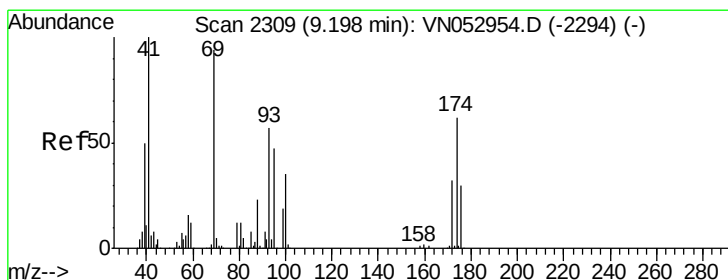
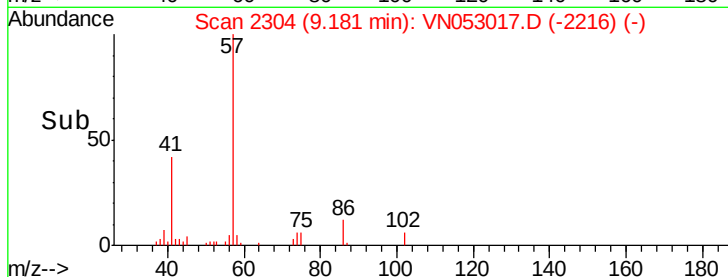
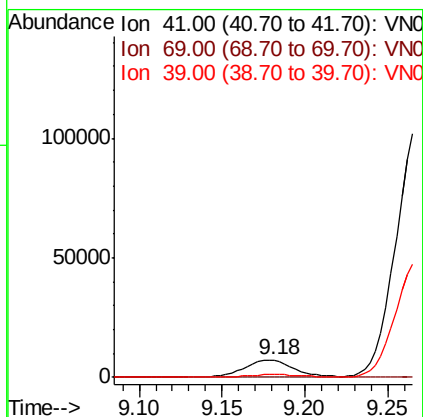
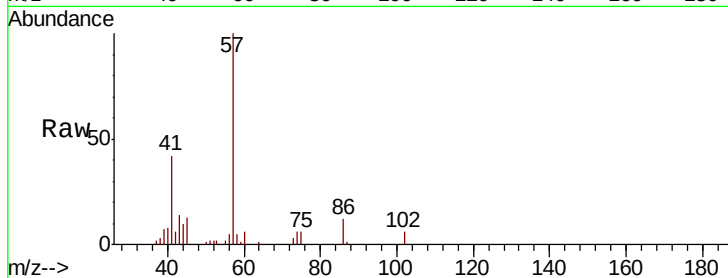




#48
Methvl methacrylate
Concen: 1.490 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

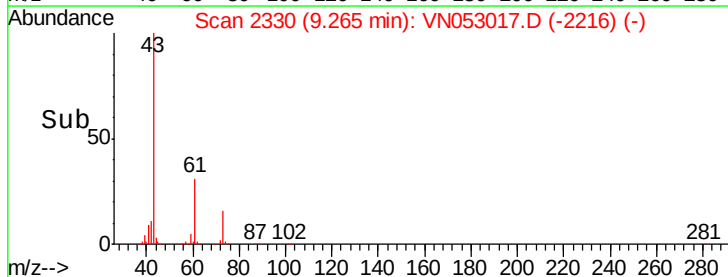
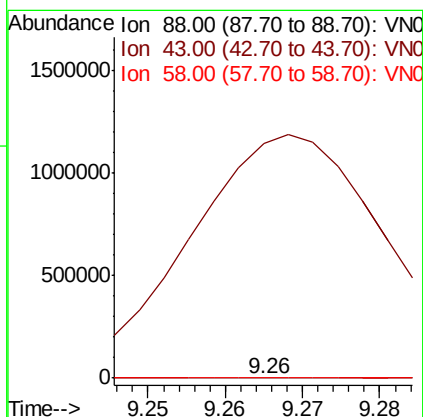
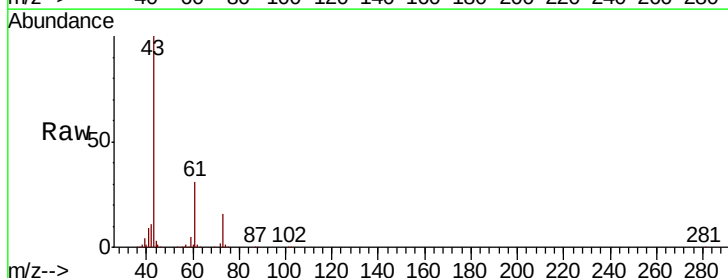
Instrument :
MSVOA_N
ClientSampled :
SLUDGE

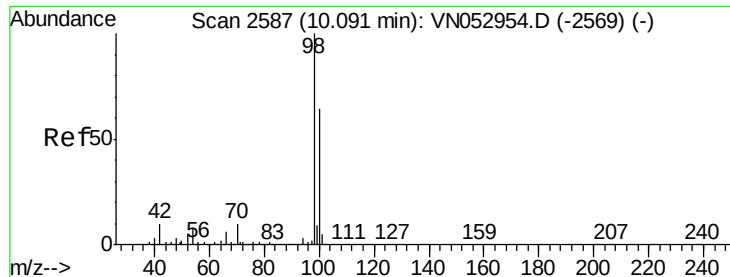
Tot Ion: 41 Resp: 15231
Ion Ratio Lower Upper
41 100
69 0.0 72.2 108.2#
39 0.0 41.9 62.9#



#49
1,4-Dioxane
Concen: 0.874 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
43 1933033.6 26.6 40.0#
58 8689.4 58.4 87.6#





#50

Toluene-d8

Concen: 0.874 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampled :

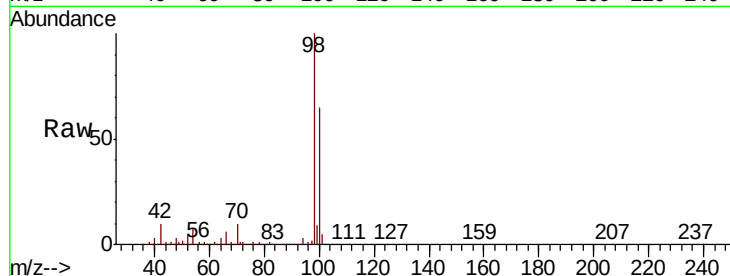
SLUDGE

Tot Ion: 98 Resp: 2442190

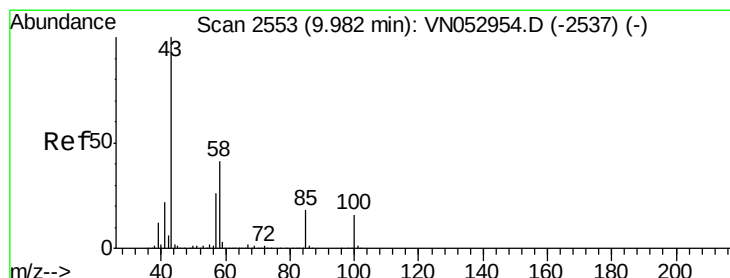
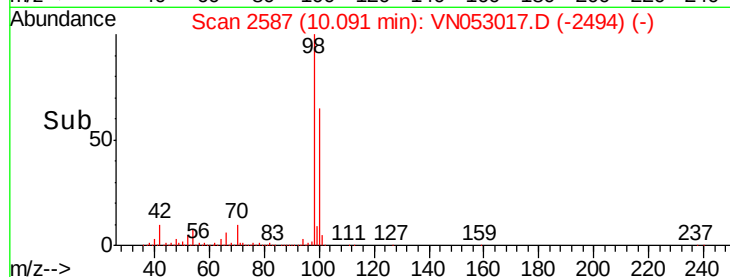
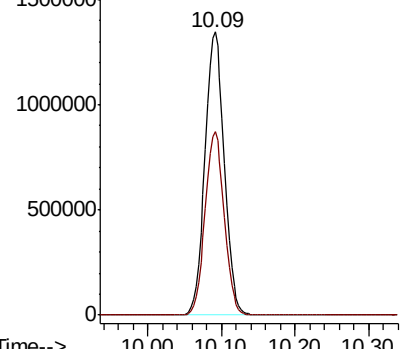
Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.686 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053017.D

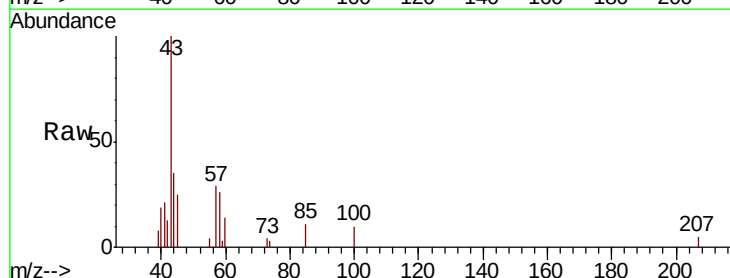
Acq: 19 Dec 2018 17:56

Tgt Ion: 43 Resp: 6993

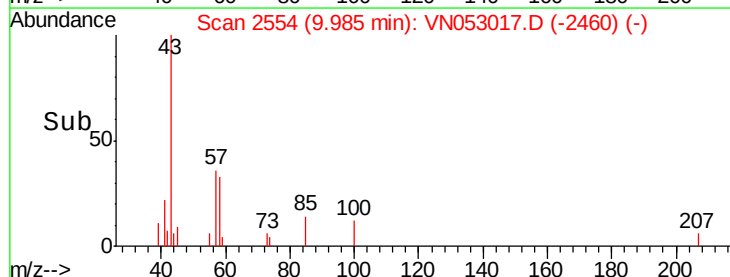
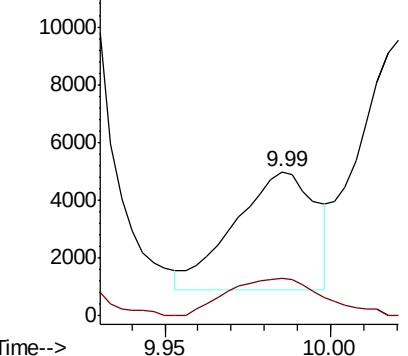
Ion Ratio Lower Upper

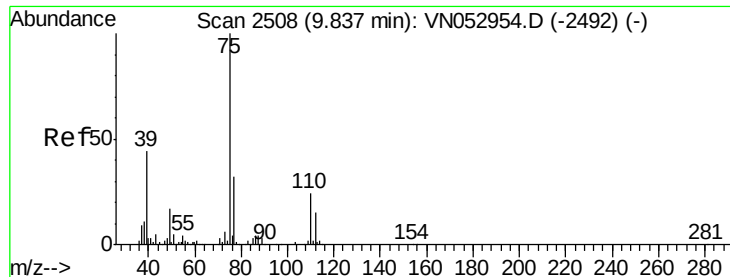
43 100

58 37.5 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.178 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

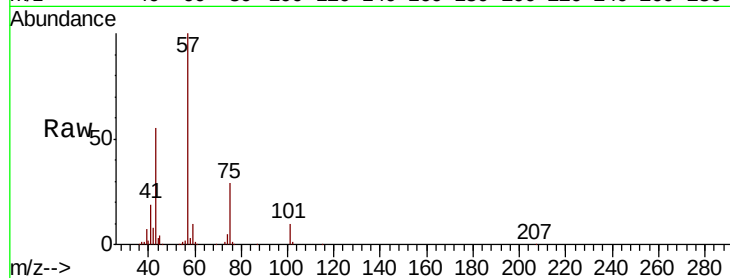
Tot Ion: 75 Resp: 113102

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.8#

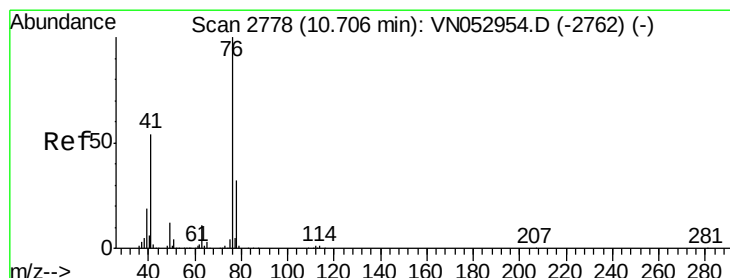
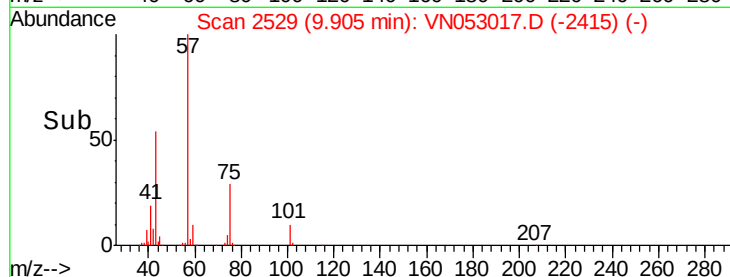
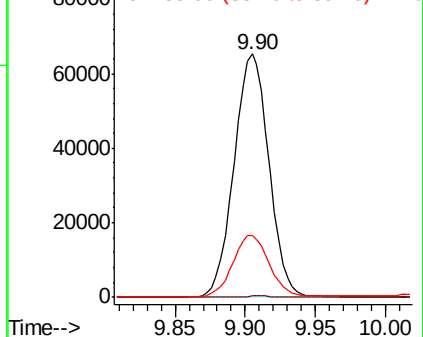
39 25.4 34.8 52.2#



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



#57

1,3-Dichloropropane

Concen: 0.934 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053017.D

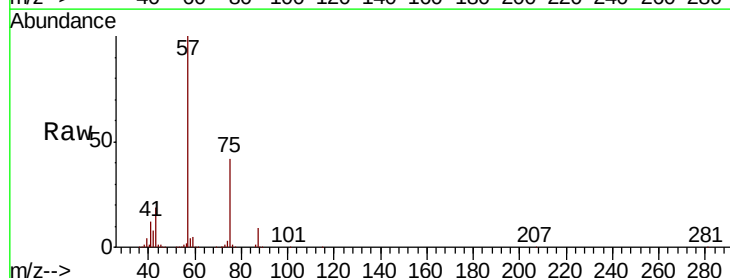
Acq: 19 Dec 2018 17:56

Tgt Ion: 76 Resp: 19426

Ion Ratio Lower Upper

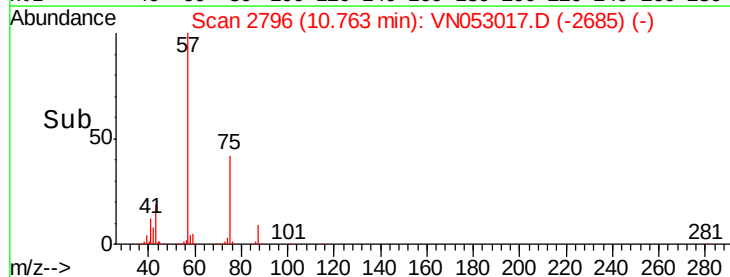
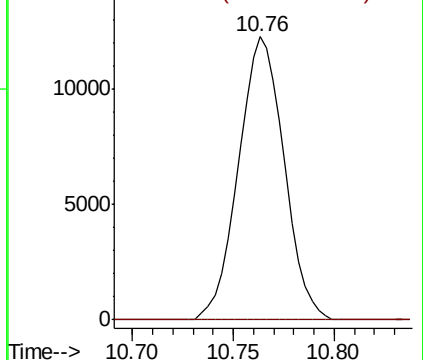
76 100

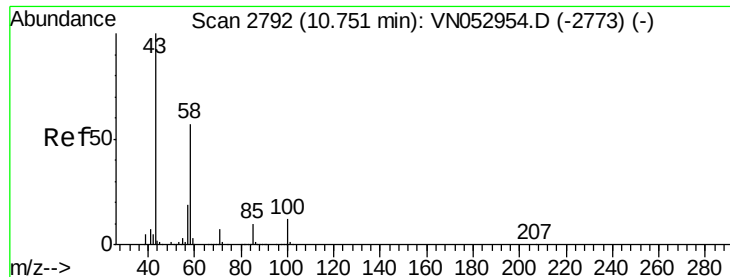
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

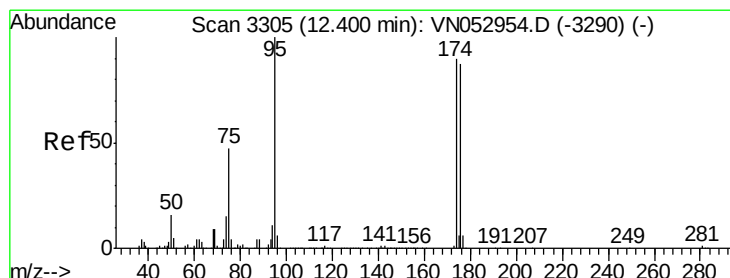
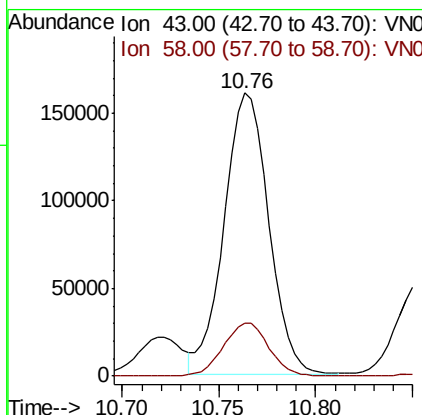
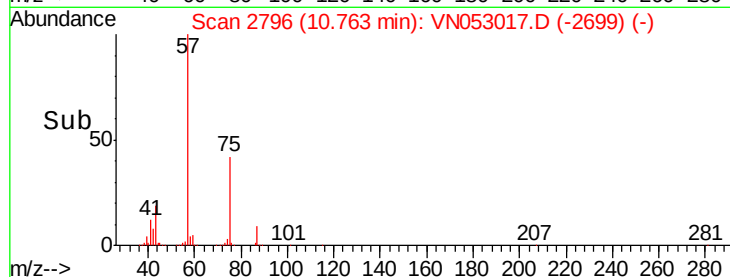
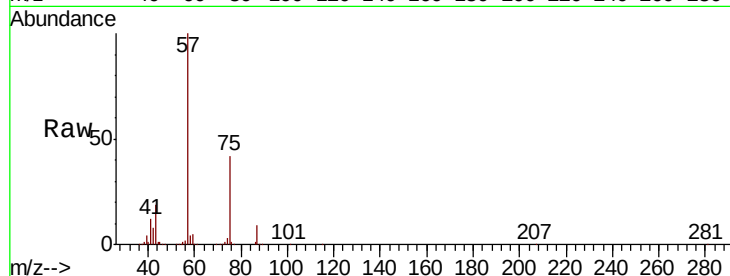




#59
2-Hexanone
Concen: 37.441 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

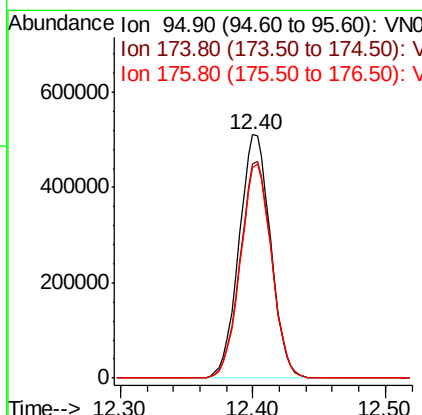
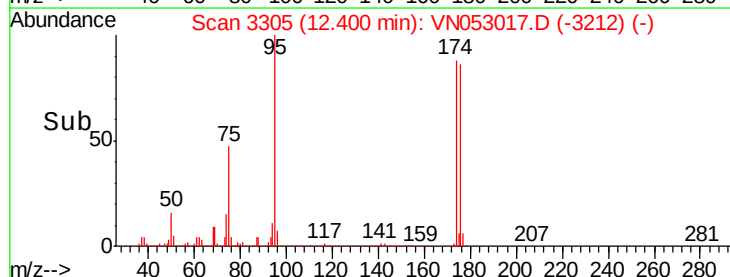
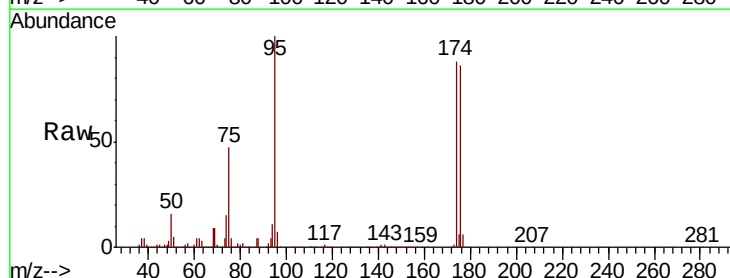
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE

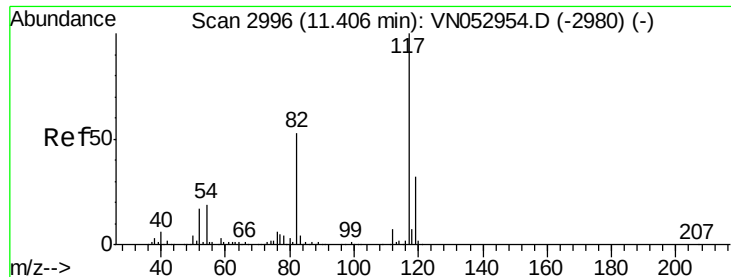
Tot Ion: 43 Resp: 258343
Ion Ratio Lower Upper
43 100
58 19.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion: 95 Resp: 842899
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.8
176 86.8 0.0 173.8

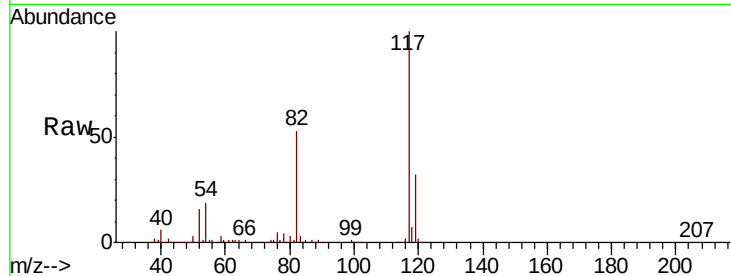




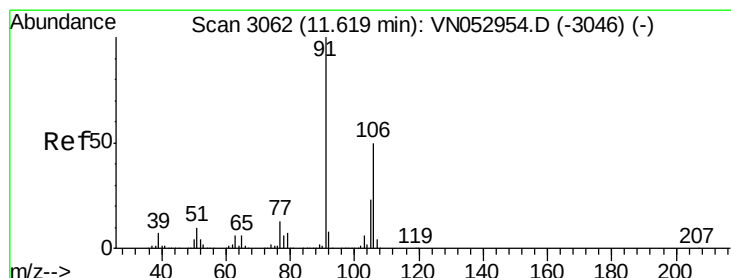
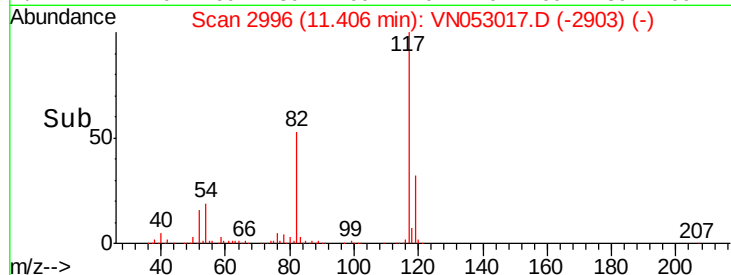
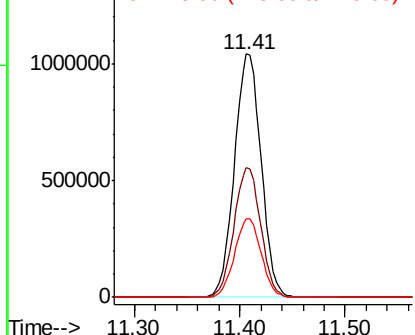
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Instrument :
MSVOA_N
ClientSampled :
SLUDGE

Tot Ion:117 Resp: 1821996
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.2 25.5 38.3

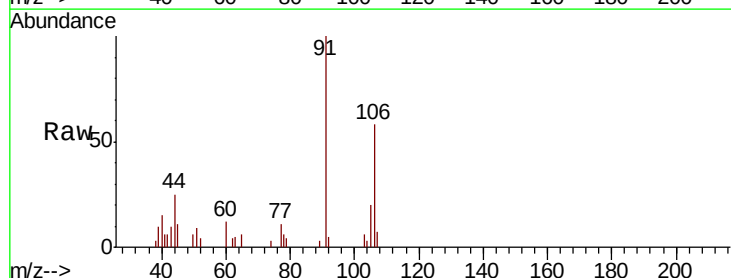


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

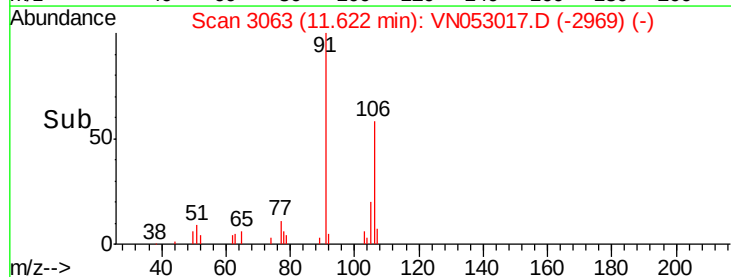
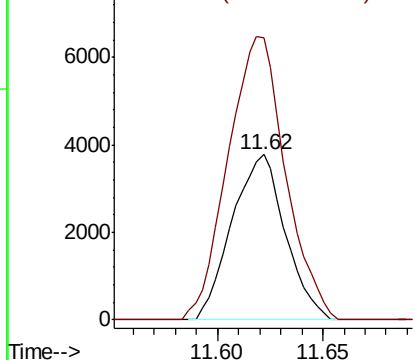


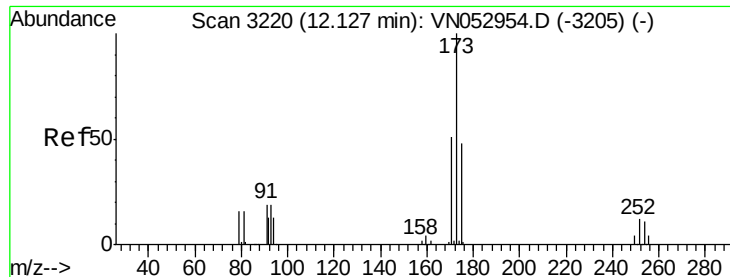
#68
m/p-Xylenes
Concen: 0.251 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053017.D
Acq: 19 Dec 2018 17:56

Tgt Ion:106 Resp: 6624
Ion Ratio Lower Upper
106 100
91 184.9 162.2 243.4



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





#71

Bromoform

Concen: 0.532 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

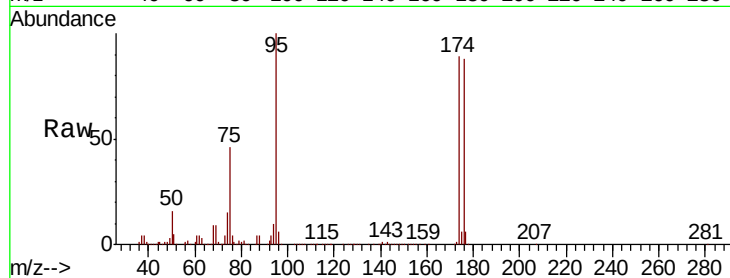
Tot Ion:173 Resp: 5394

Ion Ratio Lower Upper

173 100

175 868.6 24.3 72.9#

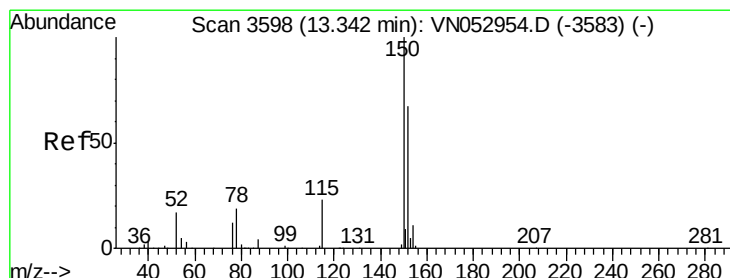
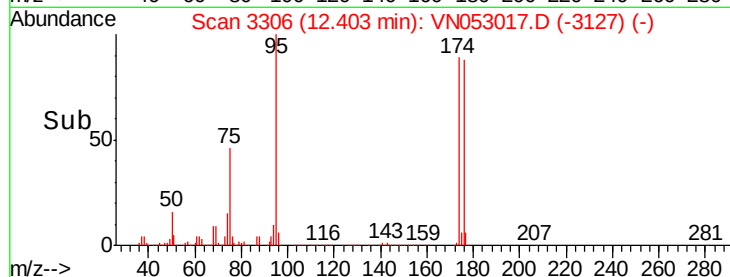
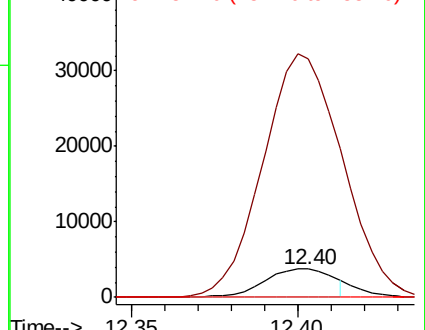
254 0.0 0.1 0.1#



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: VN053017.D

Acq: 19 Dec 2018 17:56

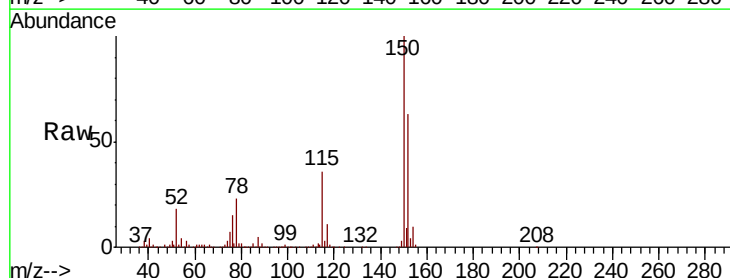
Tgt Ion:152 Resp: 793620

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

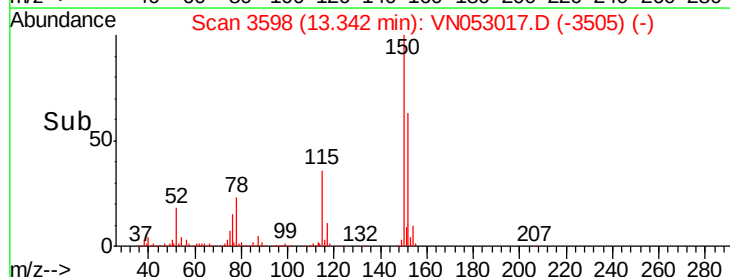
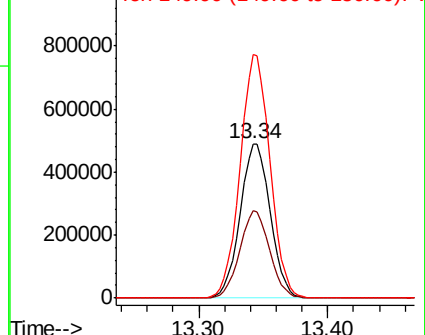
150 156.4 0.0 347.8

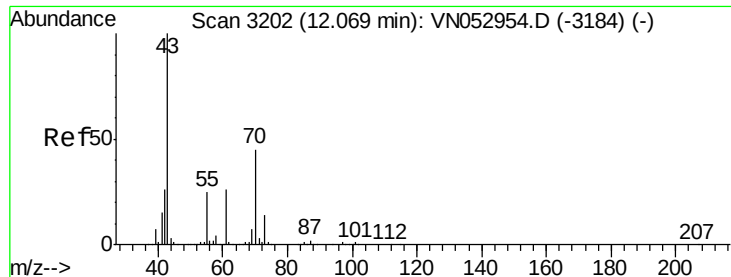


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 0.230 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE

Tot Ion: 43 Resp: 3960

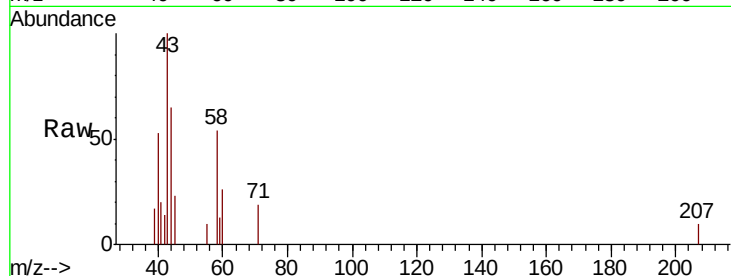
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 5.6 20.3 30.5#

61 0.0 20.0 30.0#

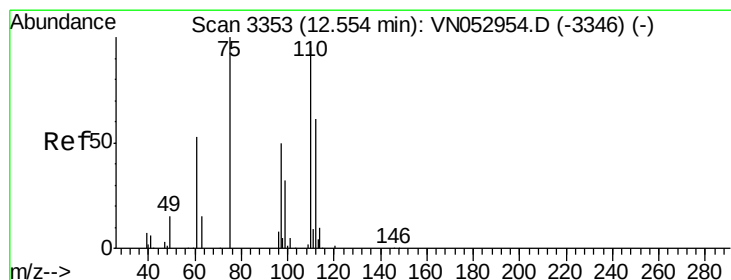
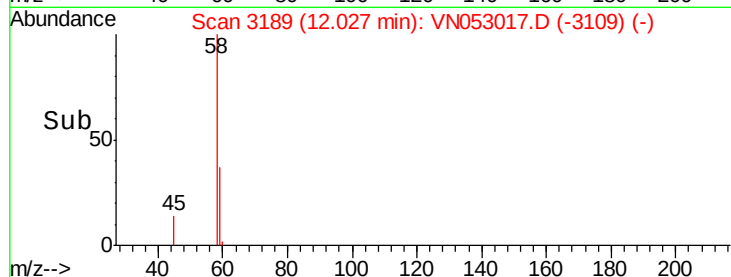
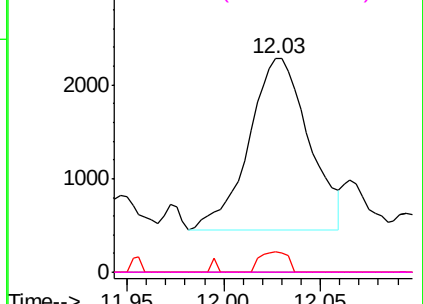


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 29.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053017.D

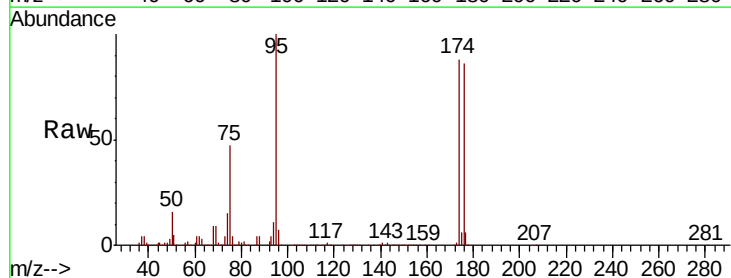
Acq: 19 Dec 2018 17:56

Tgt Ion: 75 Resp: 389629

Ion Ratio Lower Upper

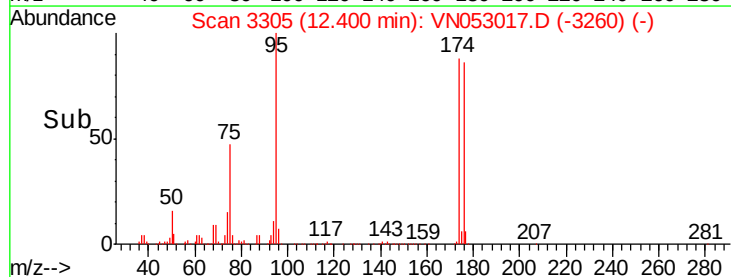
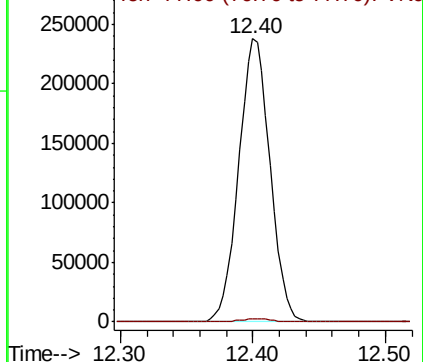
75 100

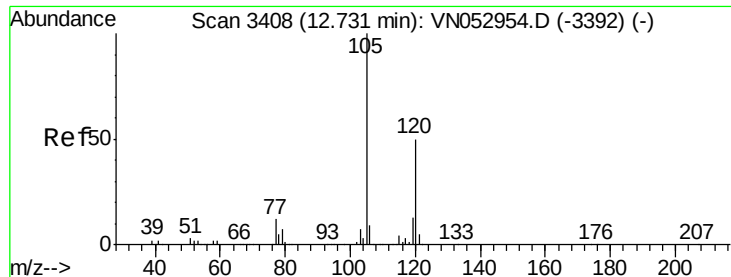
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.385 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampleId :

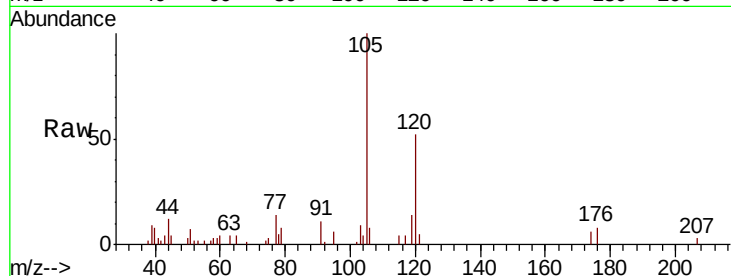
SLUDGE

Tot Ion:105 Resp: 19495

Ion Ratio Lower Upper

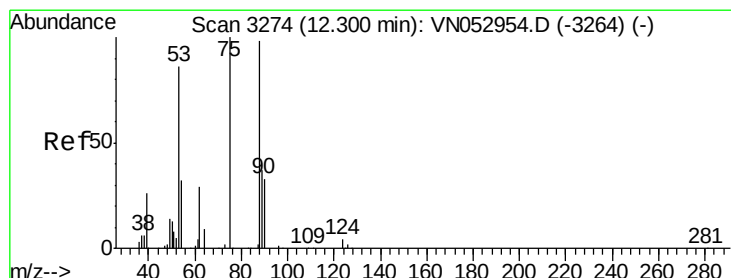
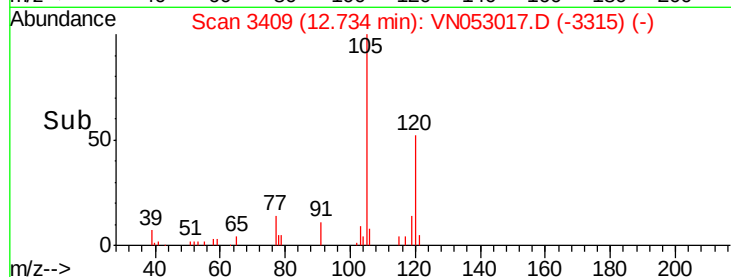
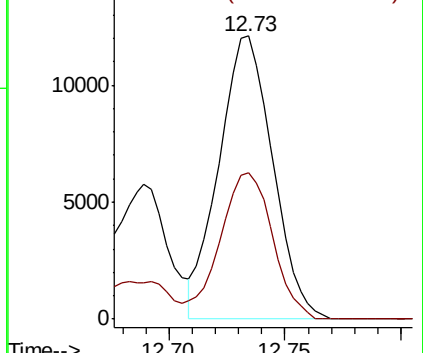
105 100

120 50.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 94.000 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

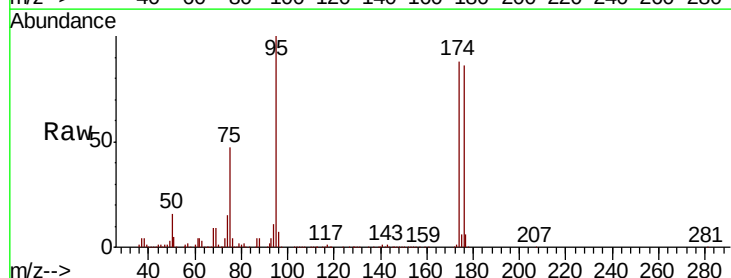
Tgt Ion: 75 Resp: 389629

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

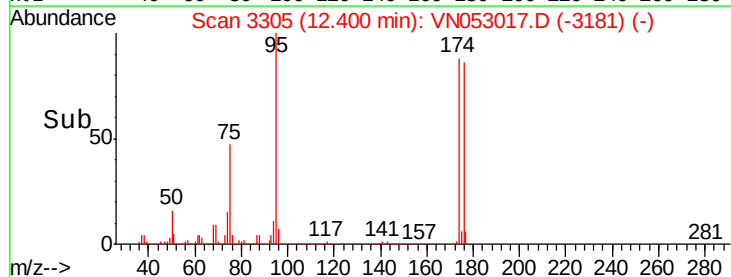
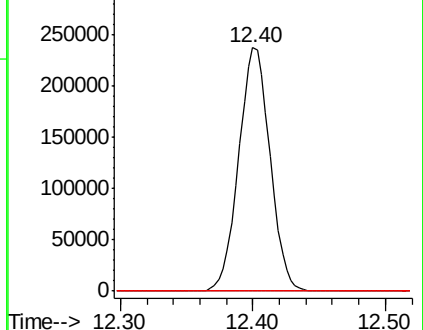
89 0.0 36.1 54.1#

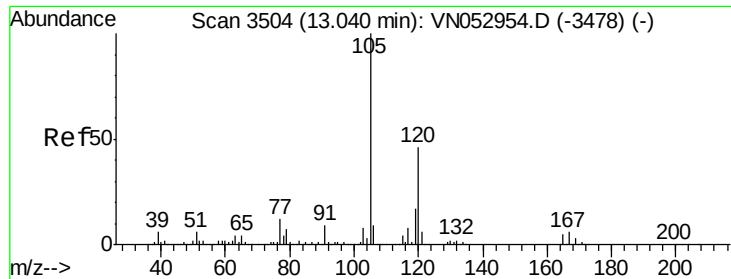


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

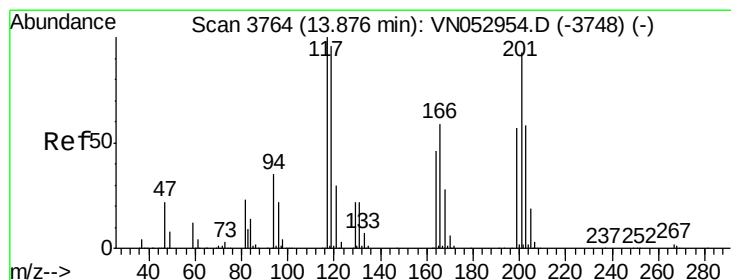
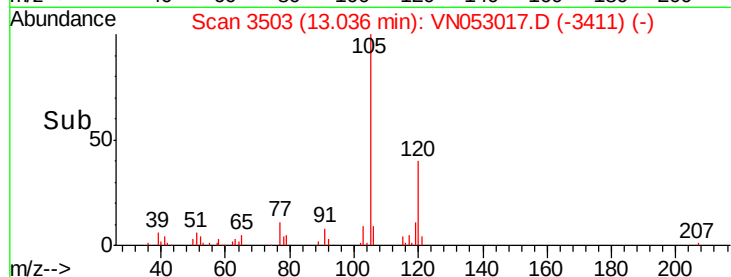
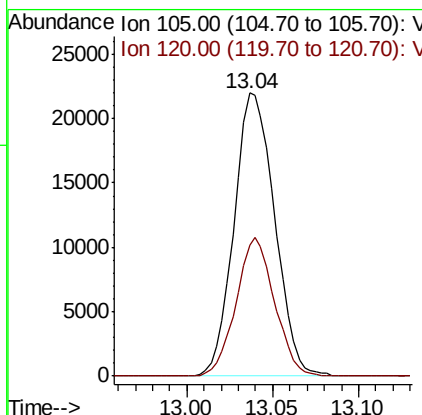
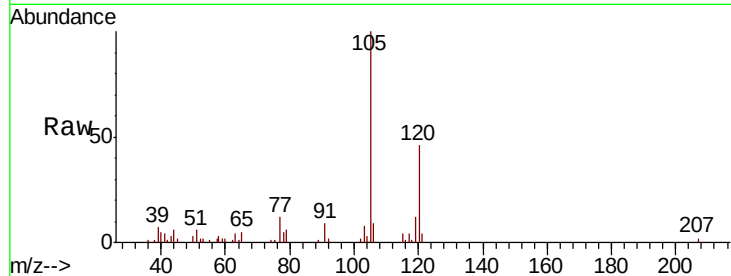




#84
 1,2,4-Trimethylbenzene
 Concen: 0.708 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN053017.D
 Acq: 19 Dec 2018 17:56

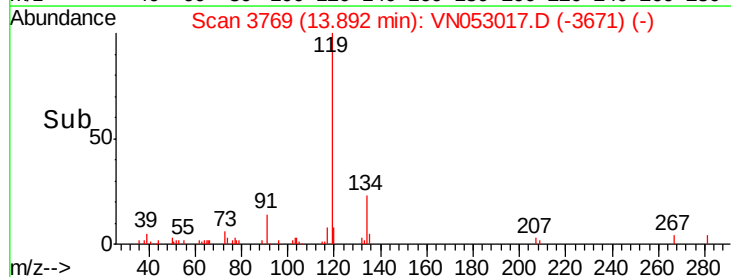
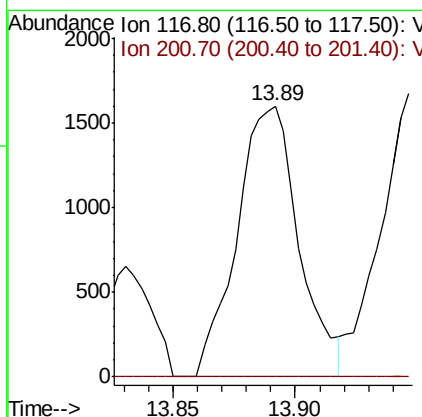
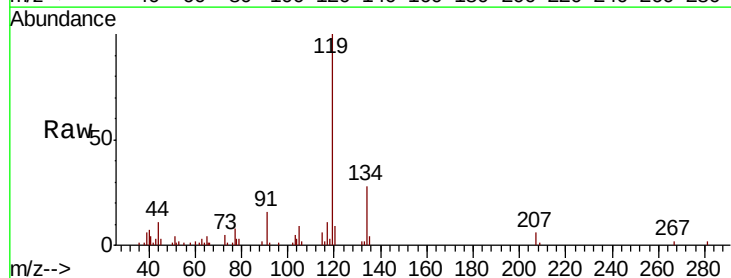
Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE

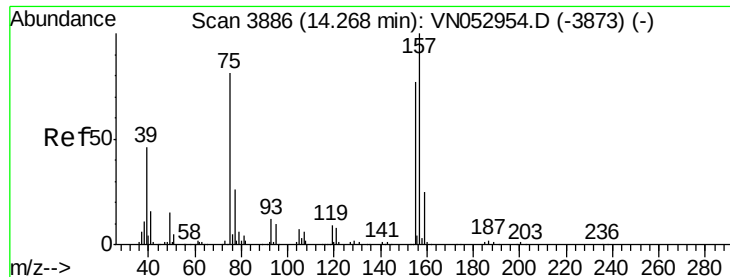
Tot Ion:105 Resp: 36042
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8



#90
 Hexachloroethane
 Concen: 0.350 ug/l
 RT: 13.89 min Scan# 3769
 Delta R.T. 0.02 min
 Lab File: VN053017.D
 Acq: 19 Dec 2018 17:56

Tgt Ion:117 Resp: 2813
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.7 137.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.261 ug/l

RT: 14.48 min Scan# 3951

Delta R.T. 0.21 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampled :

SLUDGE

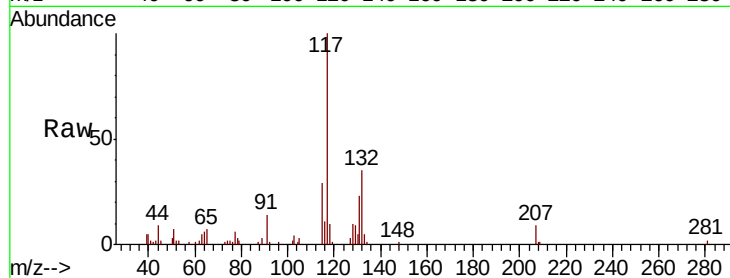
Tot Ion: 75 Resp: 550

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

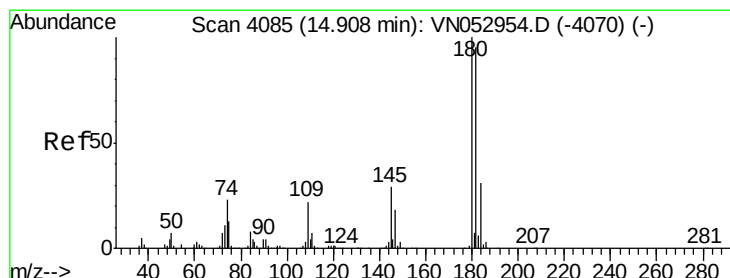
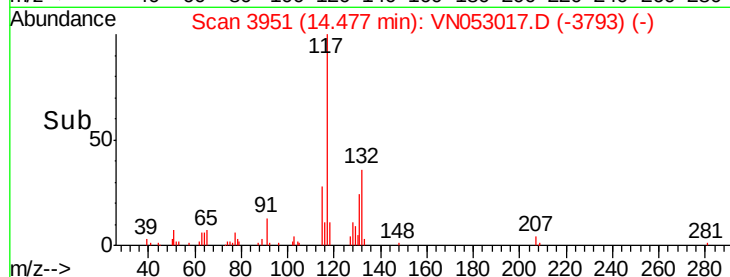
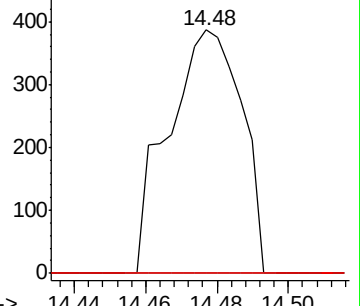
157 0.0 61.2 183.5#



Abundance Ion 74.90 (74.60 to 75.60): VN053017.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN053017.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN053017.D (-3793) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.617 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

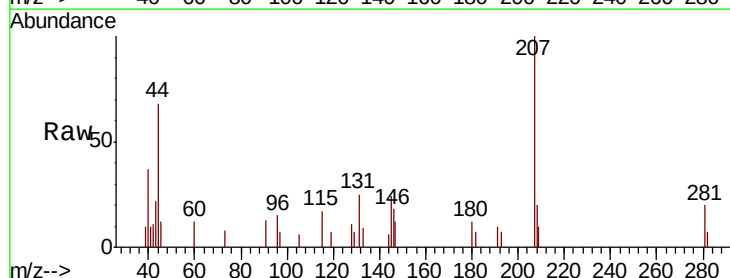
Tgt Ion: 180 Resp: 302

Ion Ratio Lower Upper

180 100

182 104.6 47.8 143.3

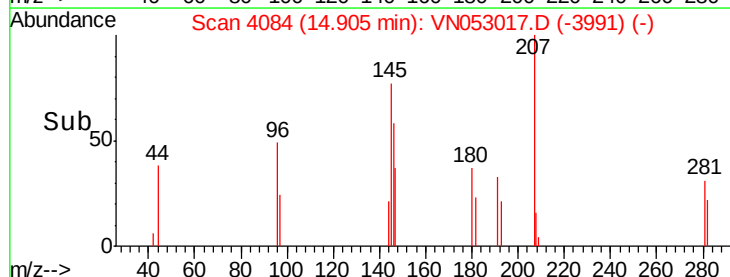
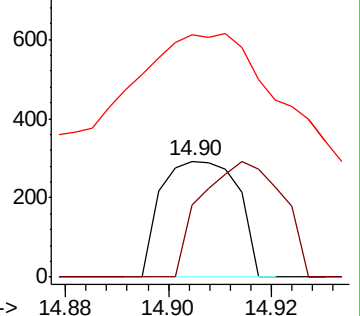
145 569.2 14.2 42.6#

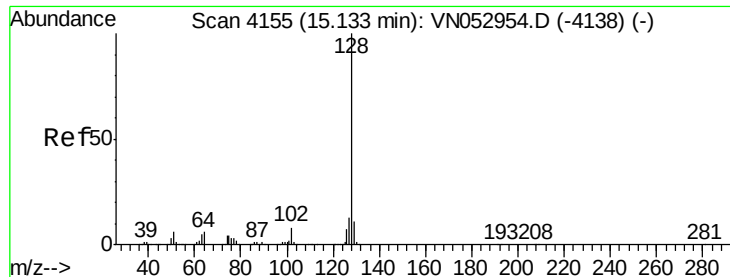


Abundance Ion 179.80 (179.50 to 180.50): VN053017.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN053017.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN053017.D (-3991) (-)





#95

Naphthalene

Concen: 11.907 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

Instrument :

MSVOA_N

ClientSampled :

SLUDGE

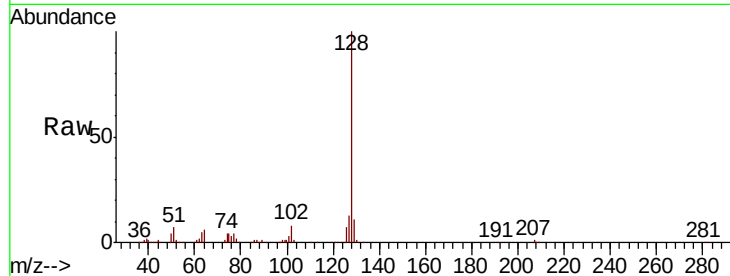
Tot Ion:128 Resp: 343630

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

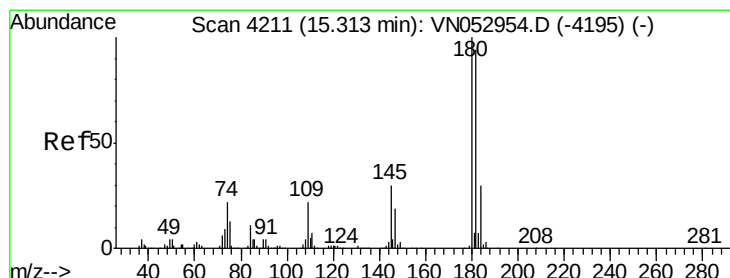
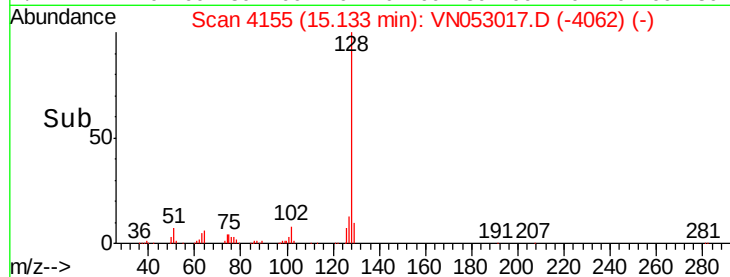
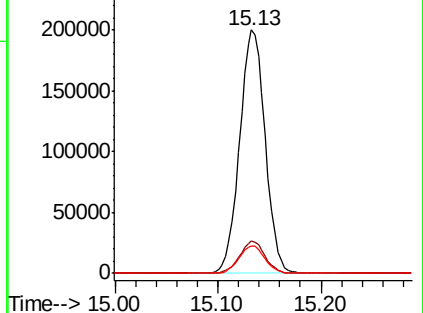
129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.516 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN053017.D

Acq: 19 Dec 2018 17:56

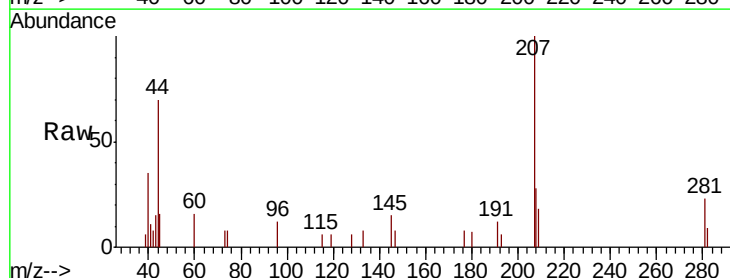
Tgt Ion:180 Resp: 101

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 0.0 15.0 45.0#



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

