

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056397.D
 Acq On : 20 Jun 2019 13:05
 Operator : JC/SP
 Sample : K3453-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Jun 21 04:59:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

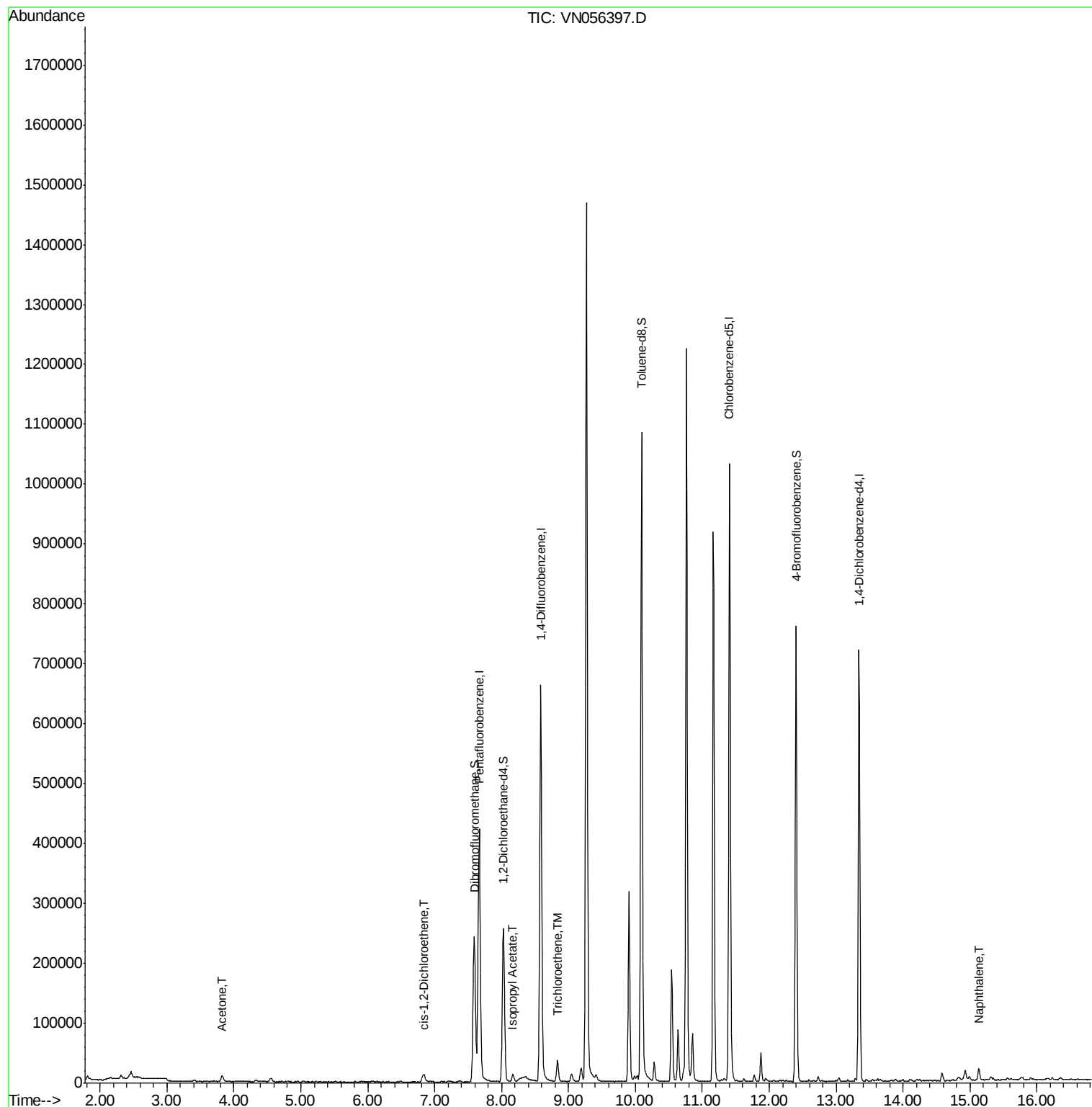
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	381935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	649762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	658014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215387	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	191665	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	815029	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	274182	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
Target Compounds						
16) Acetone	3.83	43	18076	8.523	ug/l	99
27) cis-1,2-Dichloroethene	6.84	96	7887	1.853	ug/l	92
43) Isopropyl Acetate	8.17	43	14407	1.662	ug/l #	90
44) Trichloroethene	8.84	130	14082	2.972	ug/l	93
95) Naphthalene	15.13	128	16877	6.816	ug/l	99

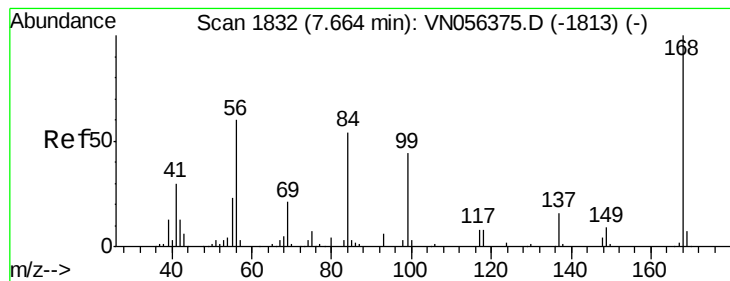
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062019\
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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: VN056397.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

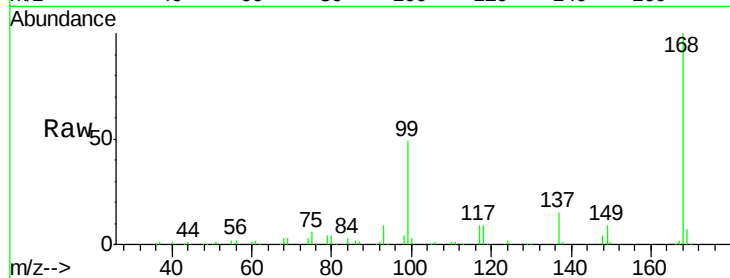
FRAC-TANK-MUD

Tot Ion:168 Resp: 381935

Ion Ratio Lower Upper

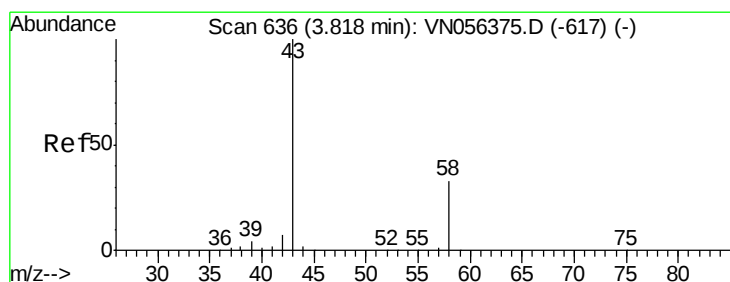
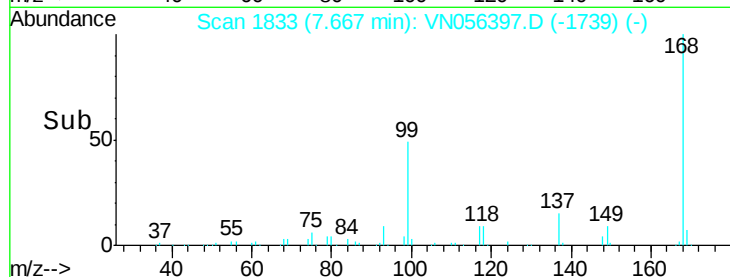
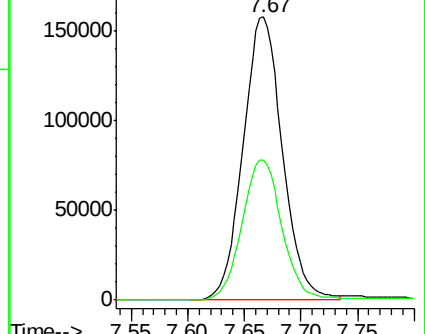
168 100

99 49.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.523 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056397.D

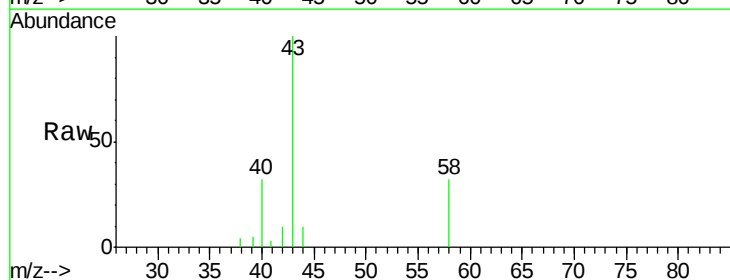
Acq: 20 Jun 2019 13:05

Tgt Ion: 43 Resp: 18076

Ion Ratio Lower Upper

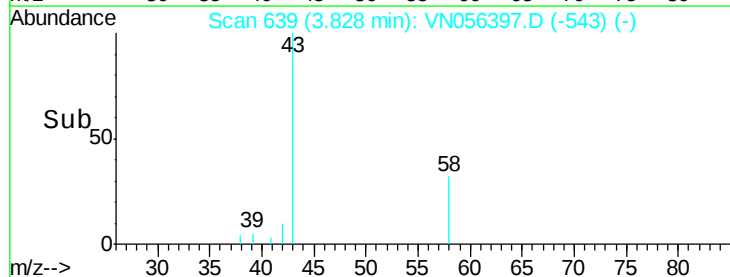
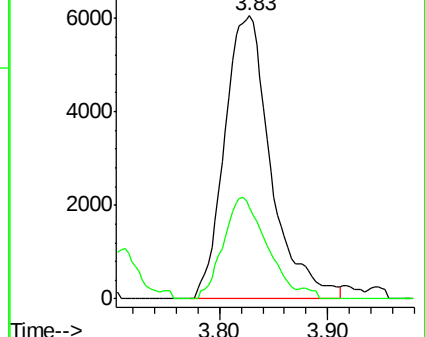
43 100

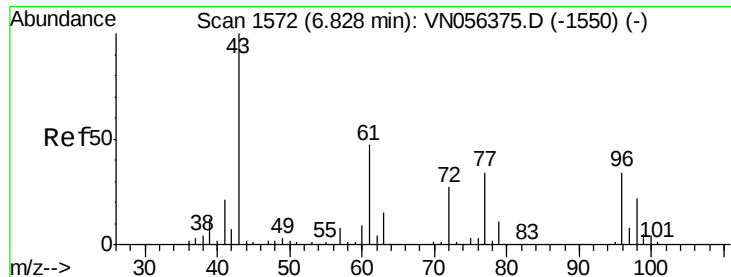
58 32.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.853 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN056397.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-MUD

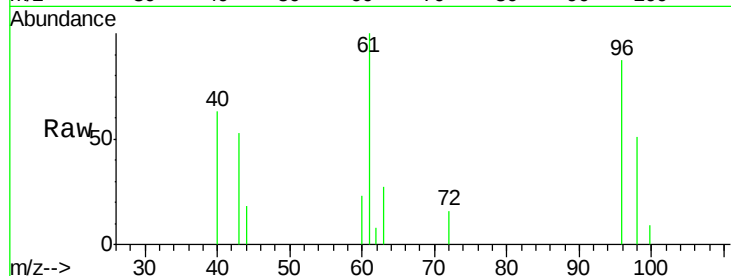
Tot Ion: 96 Resp: 7887

Ion Ratio Lower Upper

96 100

61 126.9 0.0 279.8

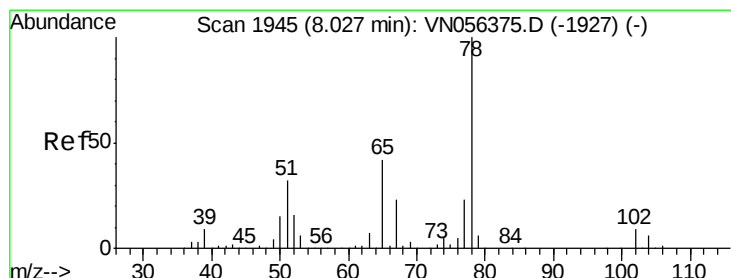
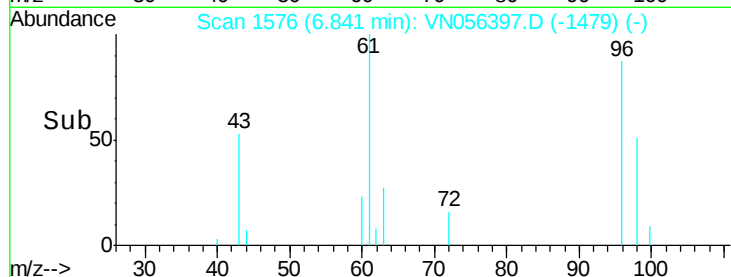
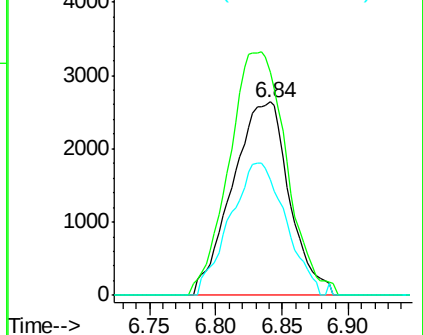
98 67.0 0.0 130.0



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



#33

1,2-Dichloroethane-d4

Concen: 50.883 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056397.D

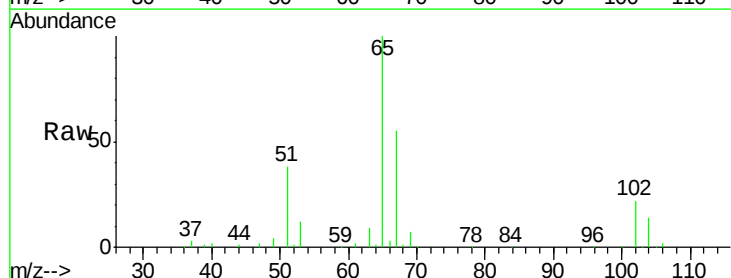
Acq: 20 Jun 2019 13:05

Tgt Ion: 65 Resp: 215387

Ion Ratio Lower Upper

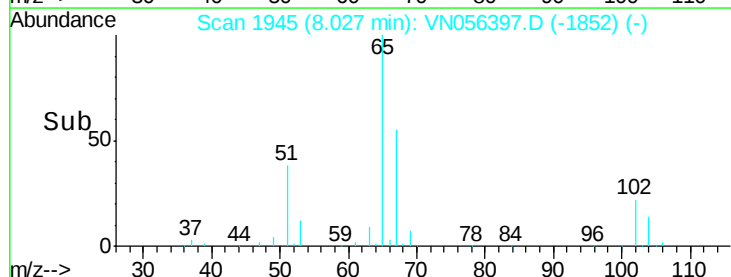
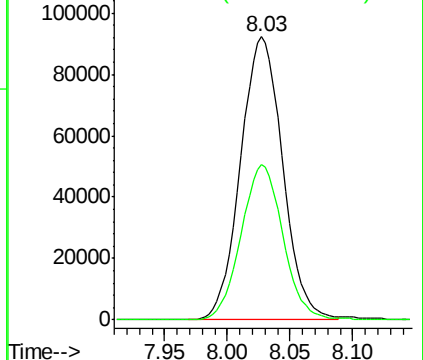
65 100

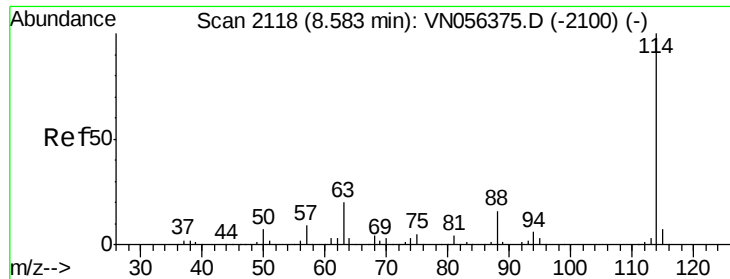
67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

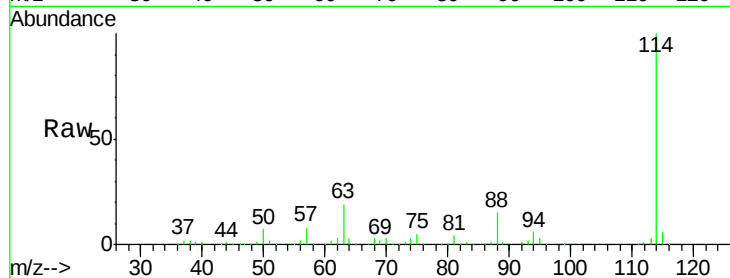




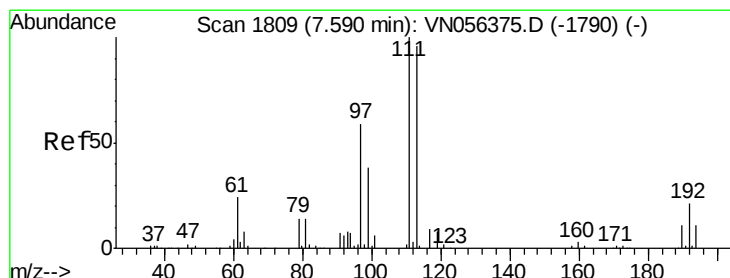
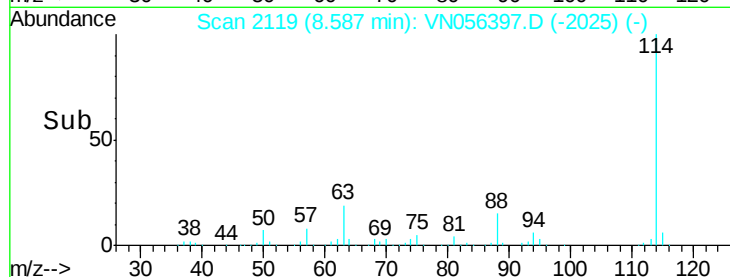
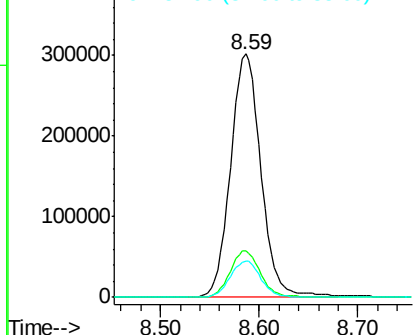
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056397.D
 Acq: 20 Jun 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-MUD

Tot Ion:114 Resp: 649762
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.1 0.0 31.4

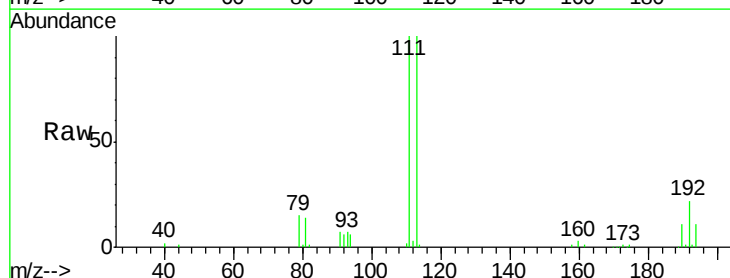


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

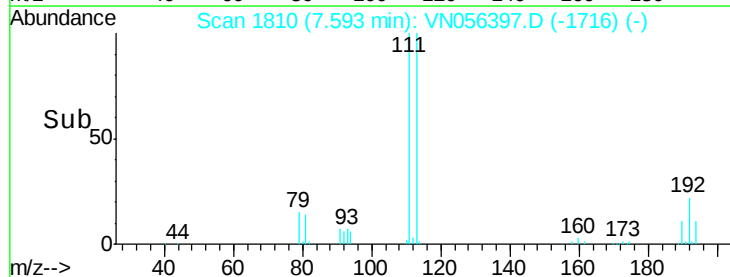
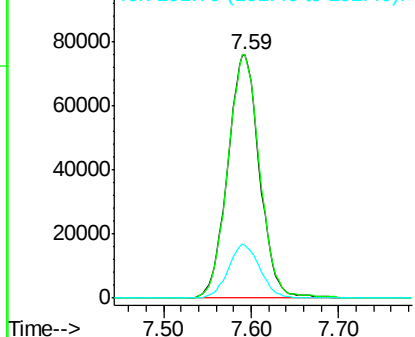


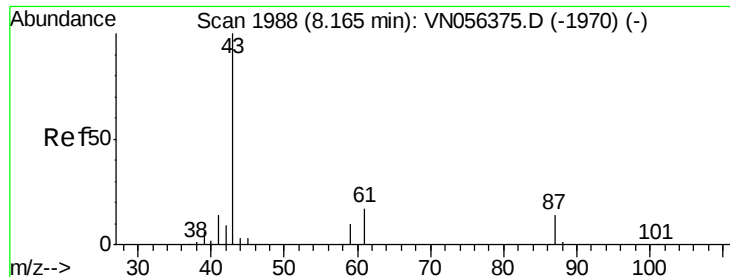
#35
 Dibromofluoromethane
 Concen: 47.284 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056397.D
 Acq: 20 Jun 2019 13:05

Tgt Ion:113 Resp: 191665
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.9 124.3
 192 21.8 17.7 26.5



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





#43

Isopropyl Acetate

Concen: 1.662 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056397.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

FRAC-TANK-MUD

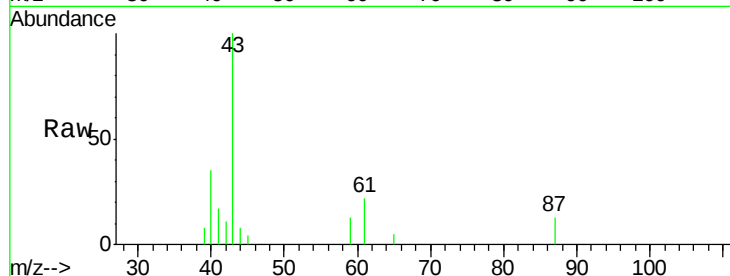
Tot Ion: 43 Resp: 14407

Ion Ratio Lower Upper

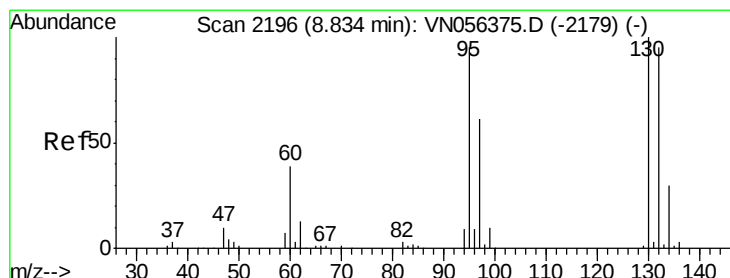
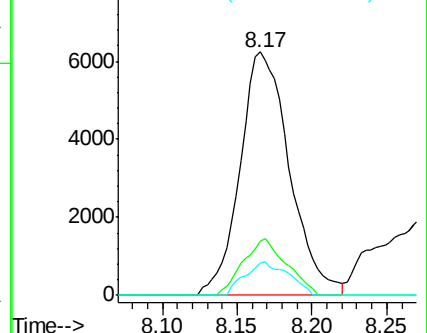
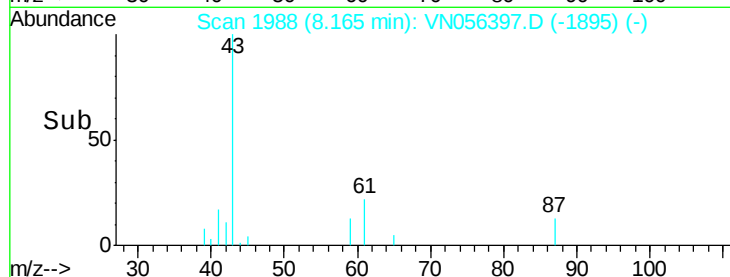
43 100

61 20.4 22.0 33.0#

87 12.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056397.D (-1895) (-)



#44

Trichloroethene

Concen: 2.972 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056397.D

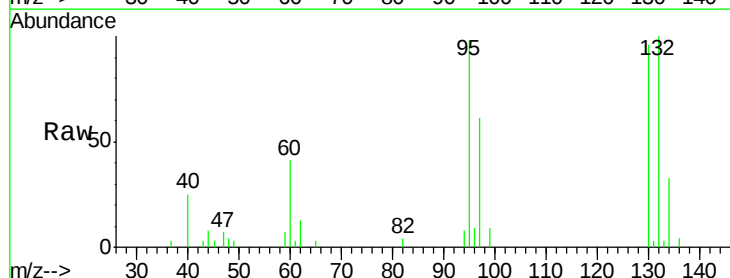
Acq: 20 Jun 2019 13:05

Tgt Ion: 130 Resp: 14082

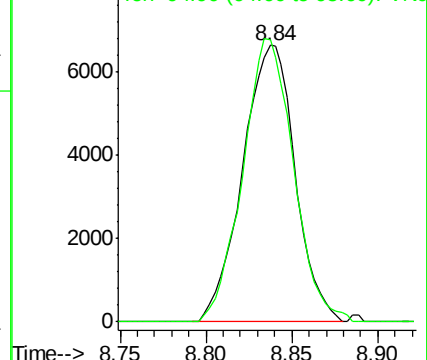
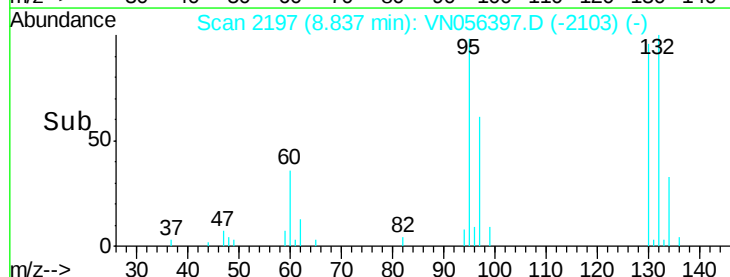
Ion Ratio Lower Upper

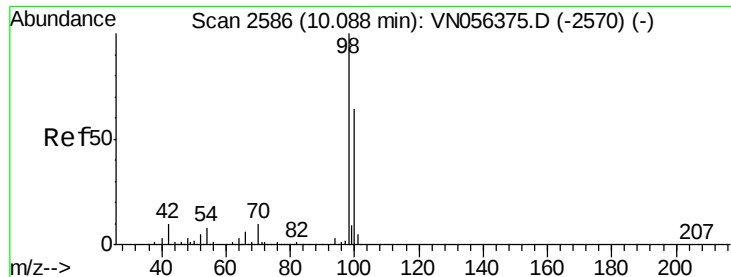
130 100

95 101.8 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056397.D (-2103) (-)





#50

Toluene-d8

Concen: 51.675 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056397.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

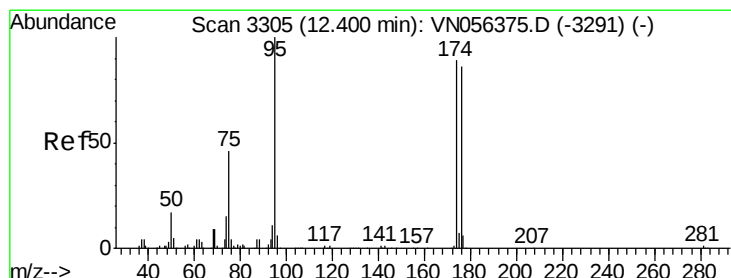
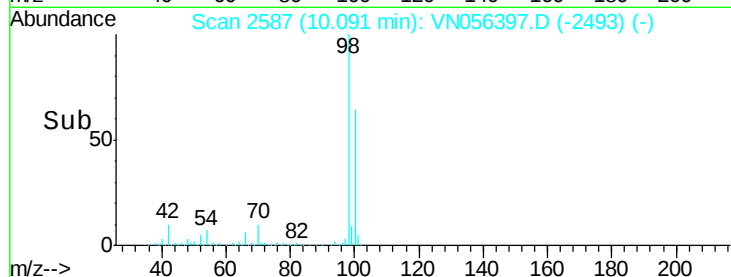
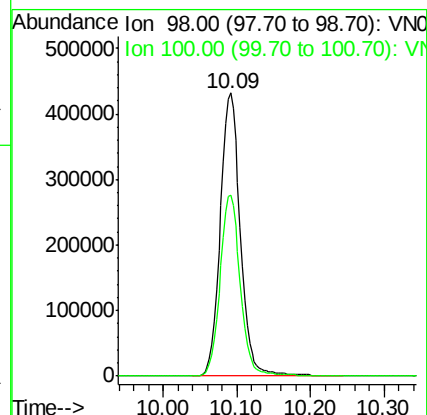
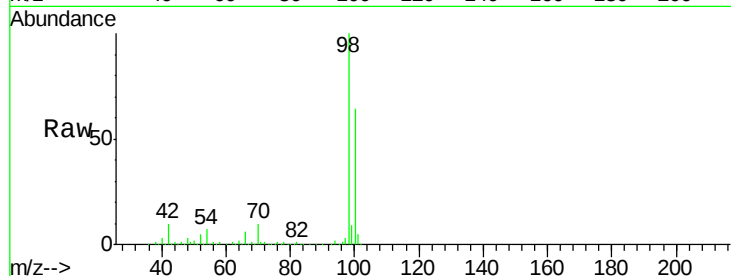
FRAC-TANK-MUD

Tot Ion: 98 Resp: 815029

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 52.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056397.D

Acq: 20 Jun 2019 13:05

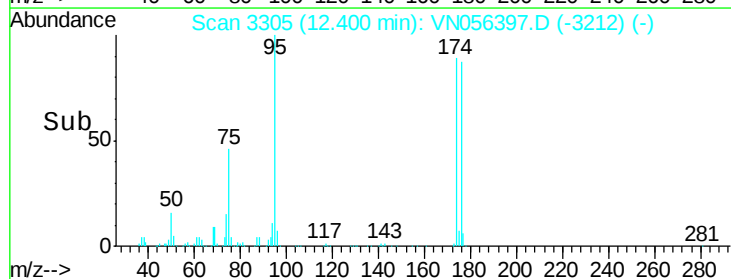
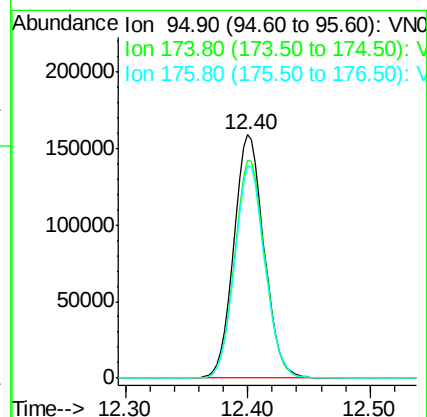
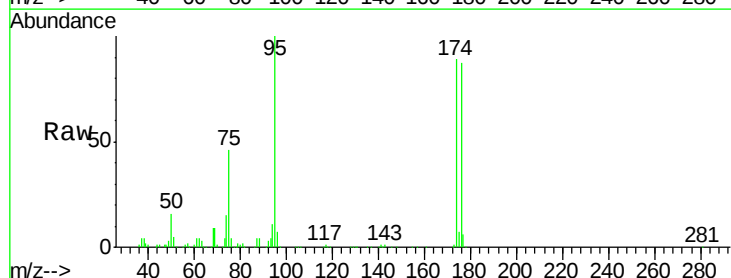
Tgt Ion: 95 Resp: 274182

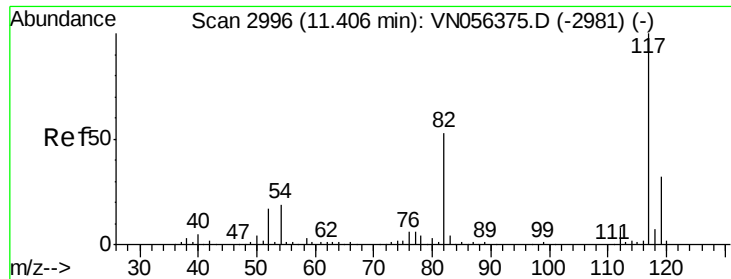
Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.4

176 87.4 0.0 173.4

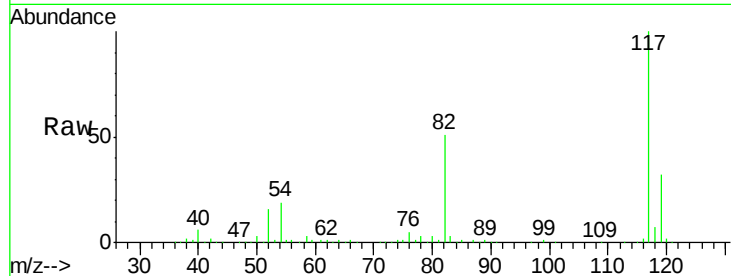




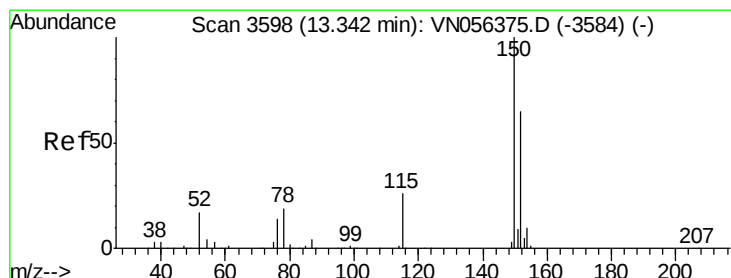
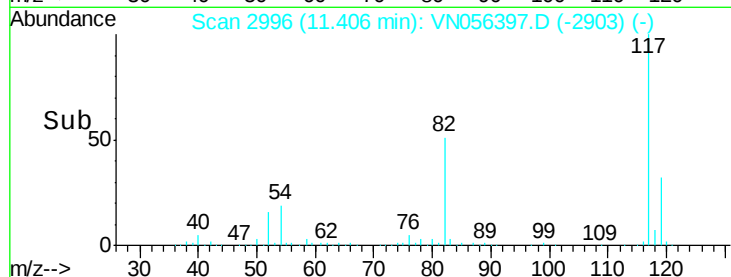
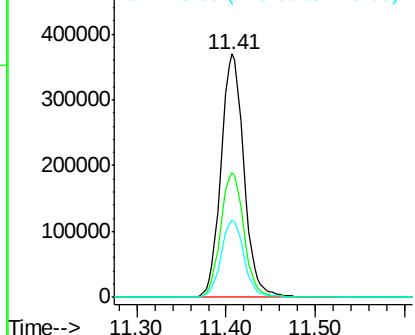
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056397.D
Acq: 20 Jun 2019 13:05

Instrument :
MSVOA_N
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FRAC-TANK-MUD

Tot Ion:117 Resp: 658014
Ion Ratio Lower Upper
117 100
82 51.4 42.0 63.0
119 31.8 25.3 37.9

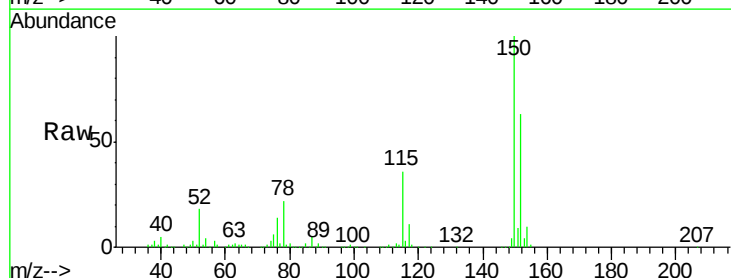


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

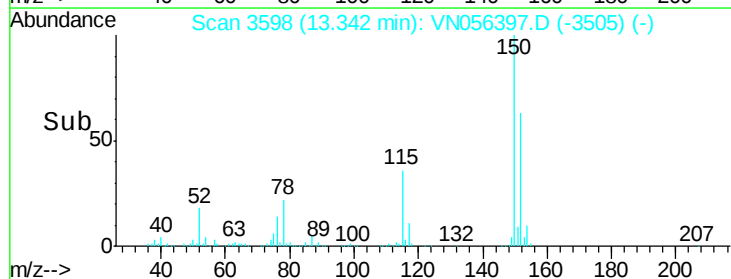
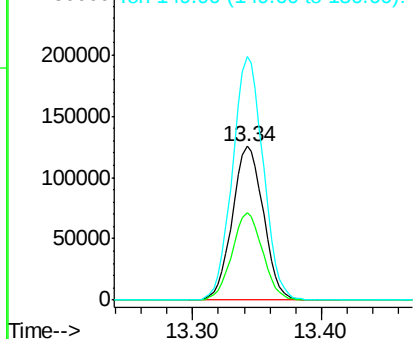


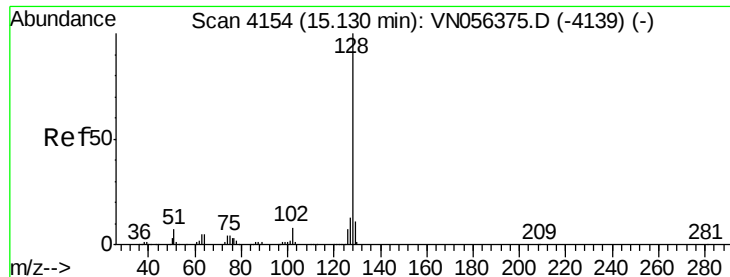
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056397.D
Acq: 20 Jun 2019 13:05

Tgt Ion:152 Resp: 210114
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.4
150 156.6 0.0 348.4



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





#95

Naphthalene

Concen: 6.816 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056397.D

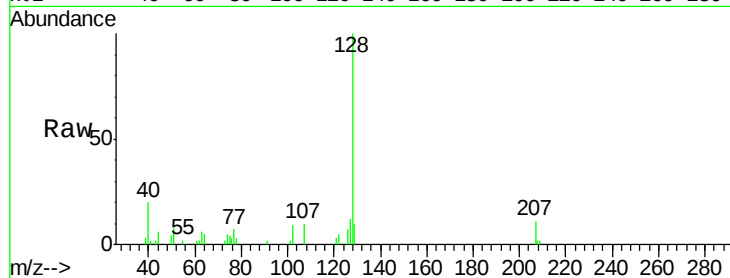
Acq: 20 Jun 2019 13:05

Instrument :

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ClientSampleId :

FRAC-TANK-MUD



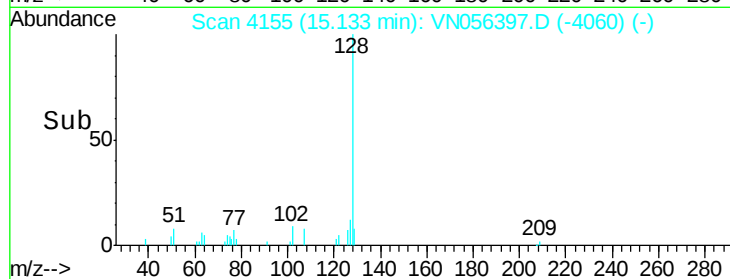
Tot Ion:128 Resp: 16877

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 10.7 8.6 12.8



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

