

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049988.D
 Acq On : 21 Jul 2018 4:22
 Operator : MD\SY
 Sample : J4087-53
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ES-PILLAR-3-4

Quant Time: Jul 21 05:41:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

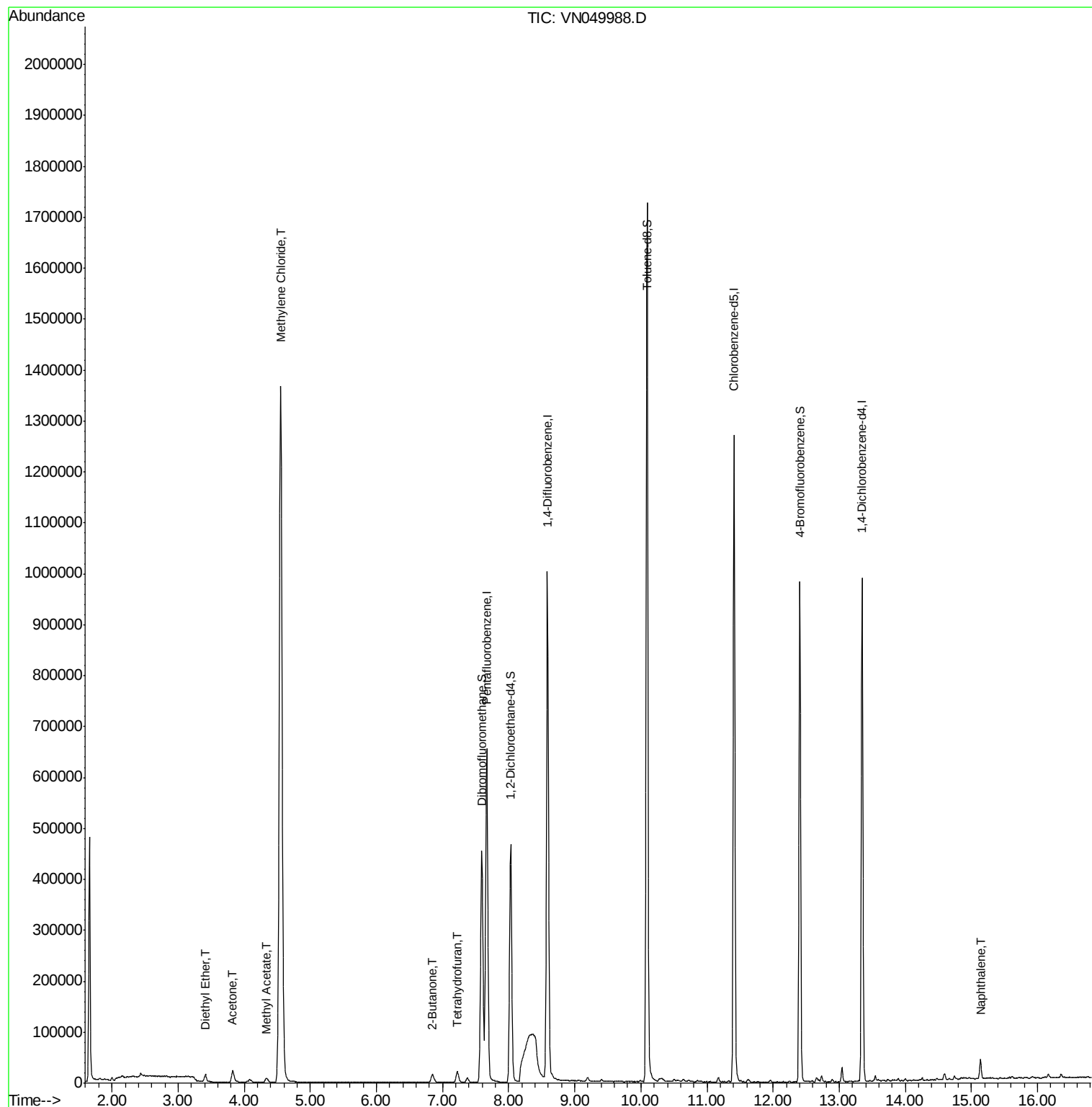
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	558463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	923708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	404398	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	351560	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	10.09	98	1241420	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
62) 4-Bromofluorobenzene	12.40	95	331000	34.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.04%	
Target Compounds						
8) Diethyl Ether	3.41	74	6686	1.71	ug/l	98
16) Acetone	3.82	43	40509	20.38	ug/l	98
18) Methyl Acetate	4.34	43	14692	1.55	ug/l	92
20) Methylene Chloride	4.55	84	1058456	140.05	ug/l	98
25) 2-Butanone	6.85	43	23497	8.27	ug/l	93
29) Tetrahydrofuran	7.22	42	16340	9.13	ug/l	96
95) Naphthalene	15.14	128	30988	6.64	ug/l	100

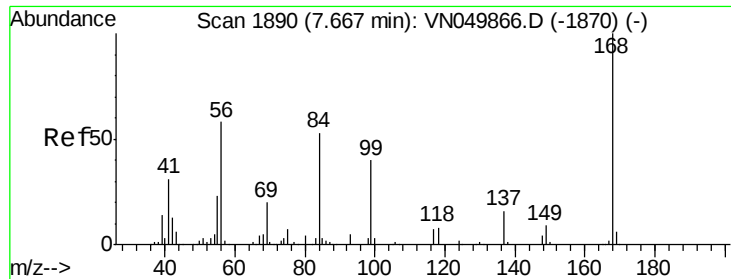
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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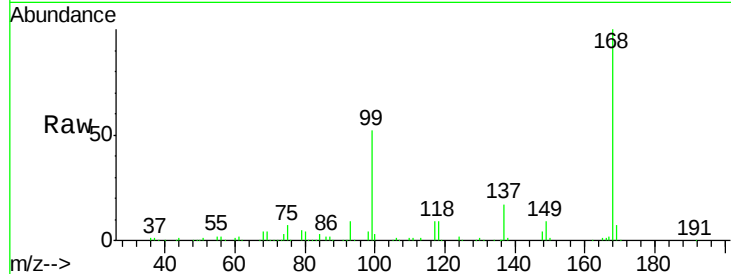


#1

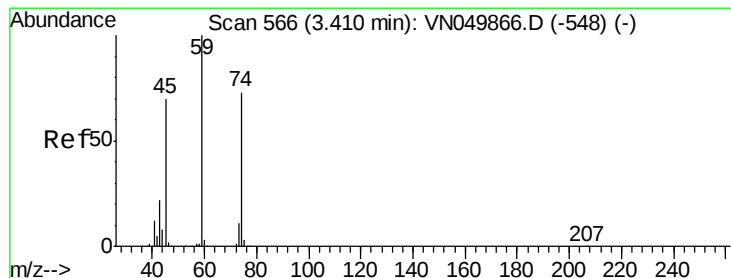
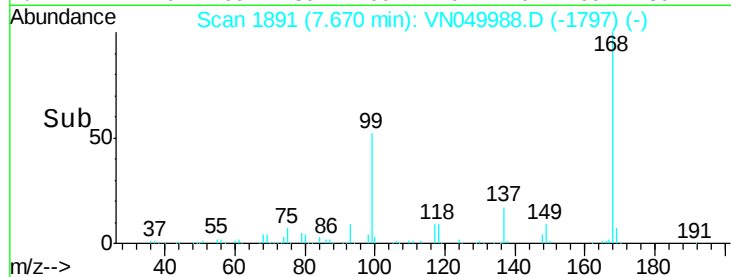
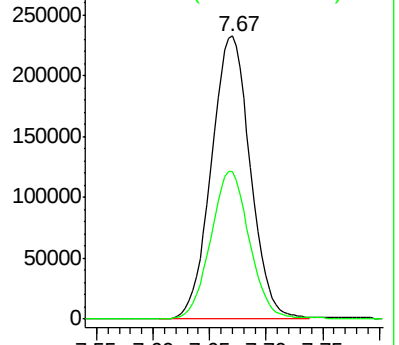
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN049988.D
 Acq: 21 Jul 2018 4:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ES-PILLAR-3-4

Tot Ion:168 Resp: 558463
 Ion Ratio Lower Upper
 168 100
 99 52.0 40.6 61.0



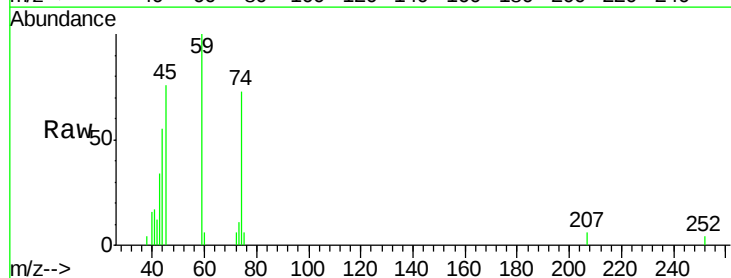
Abundance Ion 167.90 (167.60 to 168.60): V



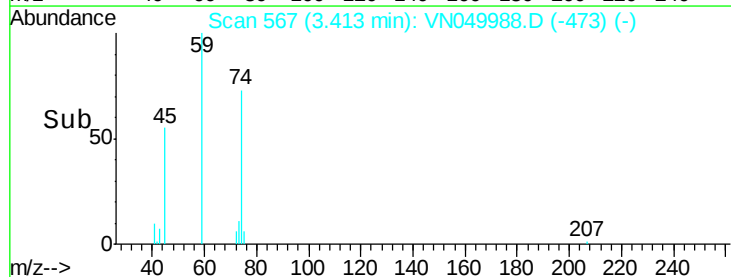
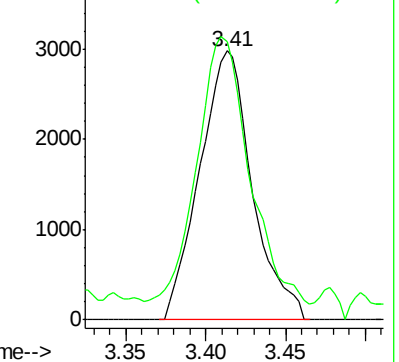
#8

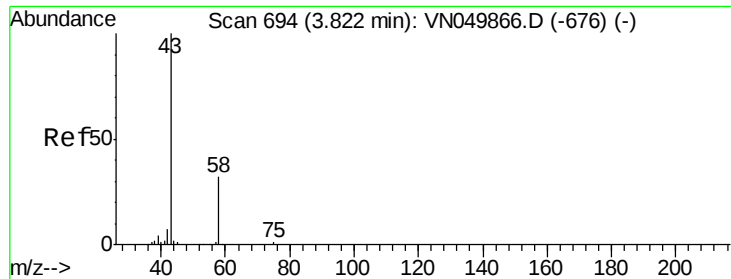
Diethyl Ether
 Concen: 1.71 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN049988.D
 Acq: 21 Jul 2018 4:22

Tgt Ion: 74 Resp: 6686
 Ion Ratio Lower Upper
 74 100
 45 98.5 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VNO

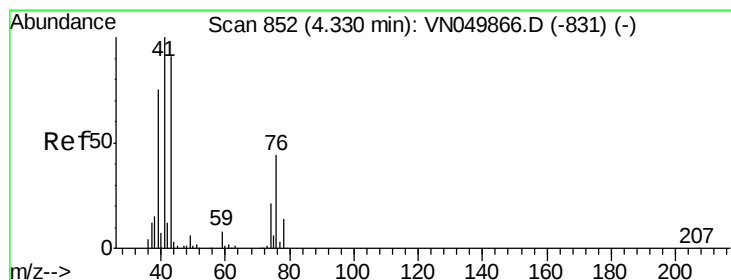
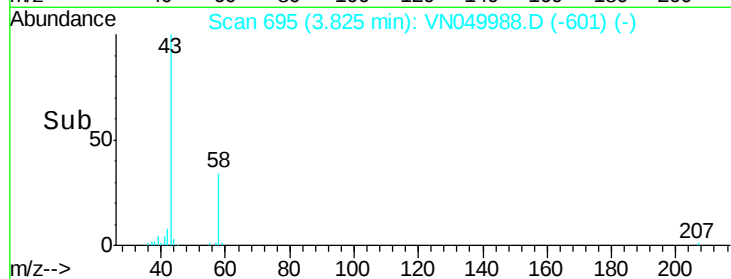
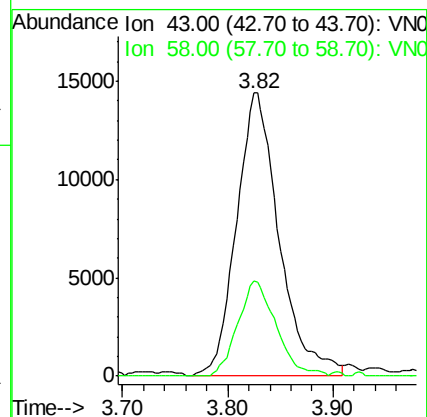
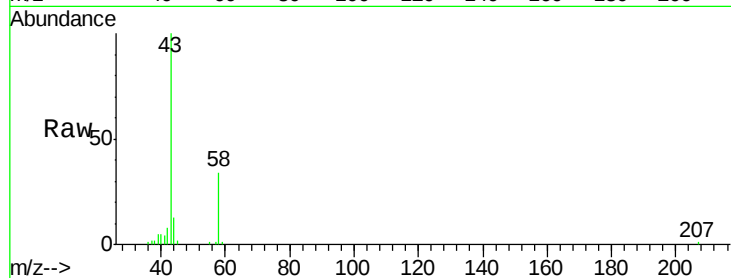




#16
Acetone
Concen: 20.38 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

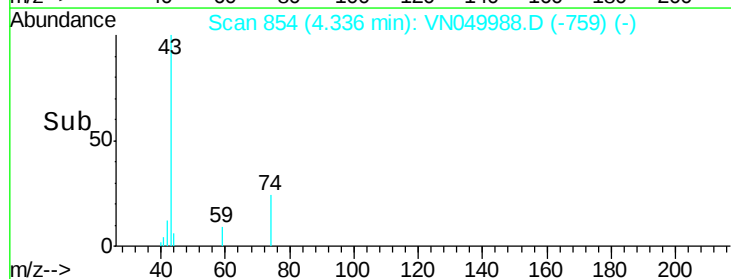
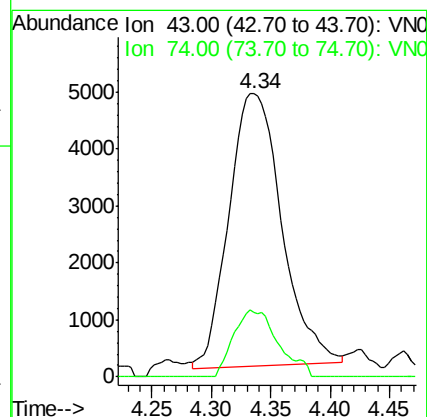
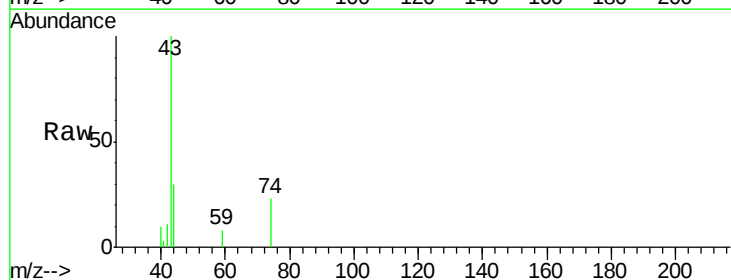
Instrument :
MSVOA_N
ClientSampleId :
ES-PILLAR-3-4

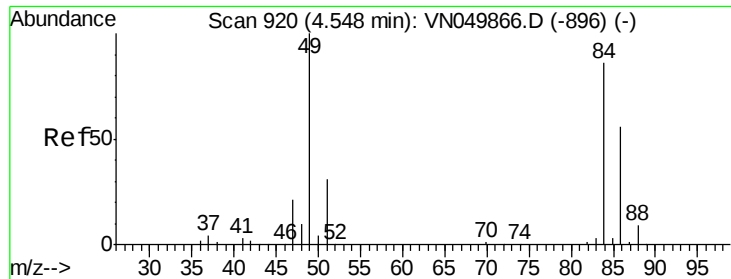
Tot Ion: 43 Resp: 40509
Ion Ratio Lower Upper
43 100
58 33.6 25.9 38.9



#18
Methyl Acetate
Concen: 1.55 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

Tgt Ion: 43 Resp: 14692
Ion Ratio Lower Upper
43 100
74 20.7 19.8 29.8



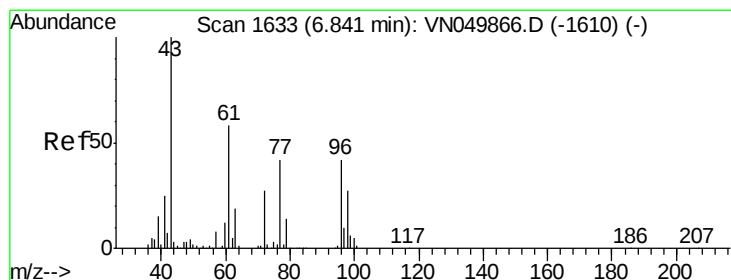
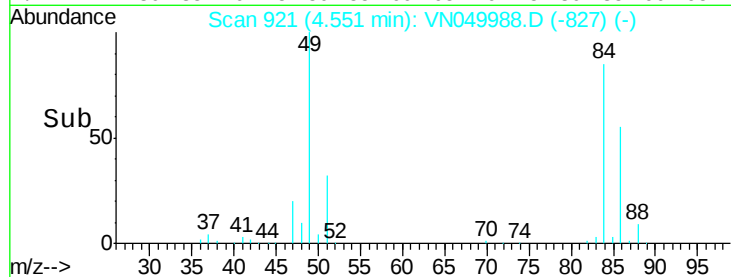
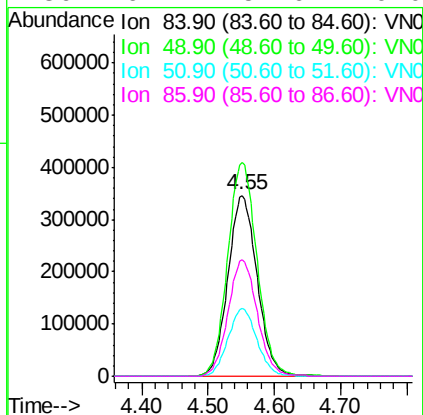
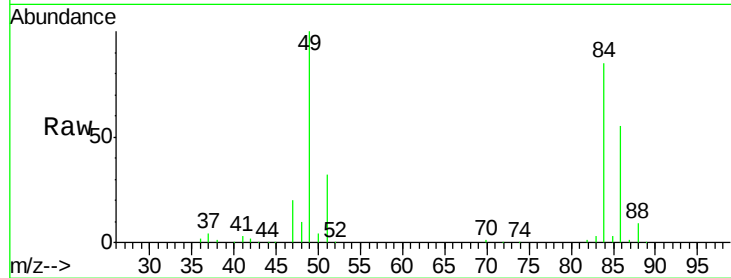


#20
Methvlene Chloride
Concen: 140.05 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

Instrument :
MSVOA_N
ClientSampleId :
ES-PILLAR-3-4

Tot Ion: 84 Resp: 1058456

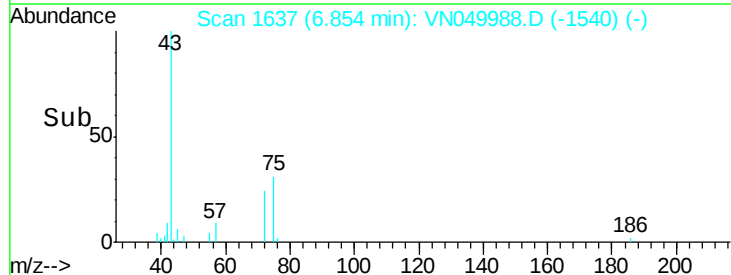
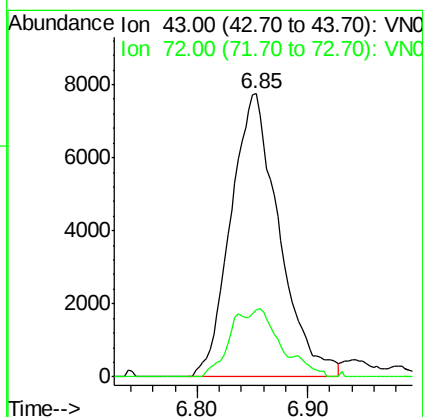
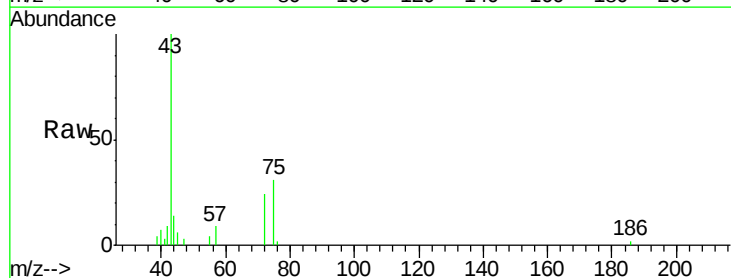
Ion	Ratio	Lower	Upper
84	100		
49	118.2	95.4	143.2
51	37.5	28.4	42.6
86	64.4	52.6	79.0

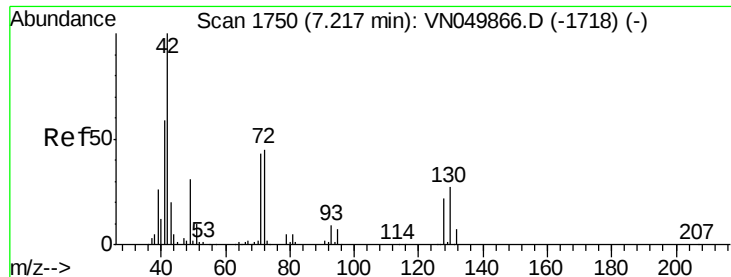


#25
2-Butanone
Concen: 8.27 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

Tgt Ion: 43 Resp: 23497

Ion	Ratio	Lower	Upper
43	100		
72	23.8	22.1	33.1

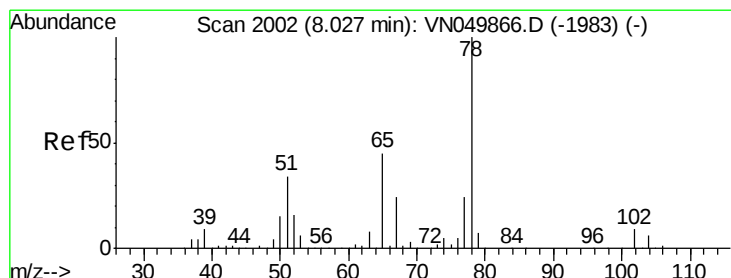
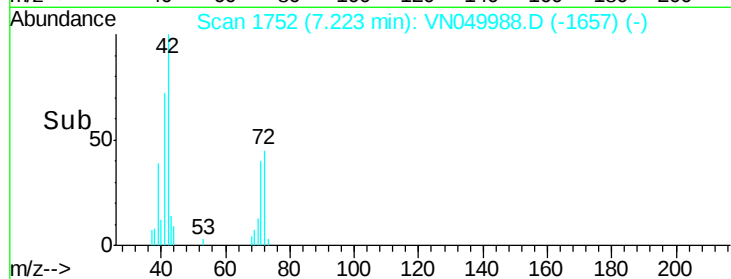
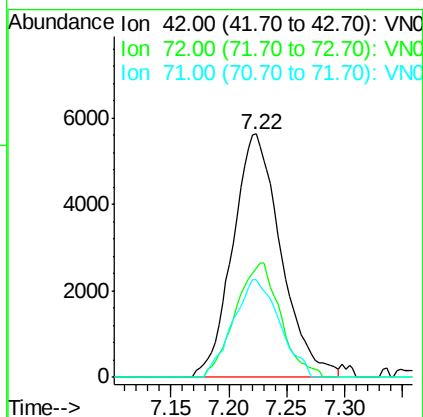
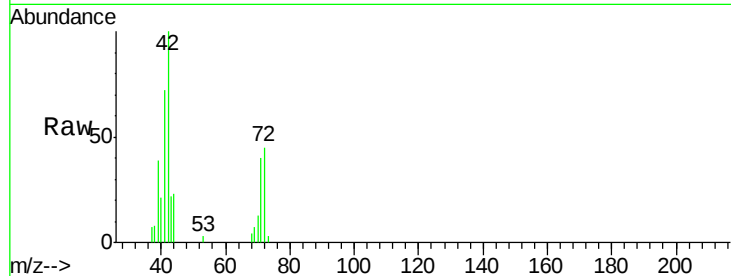




#29
Tetrahydrofuran
Concen: 9.13 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

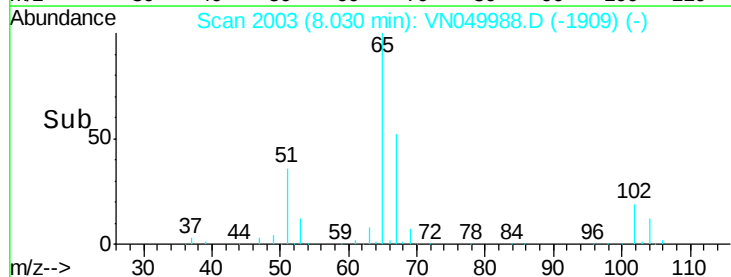
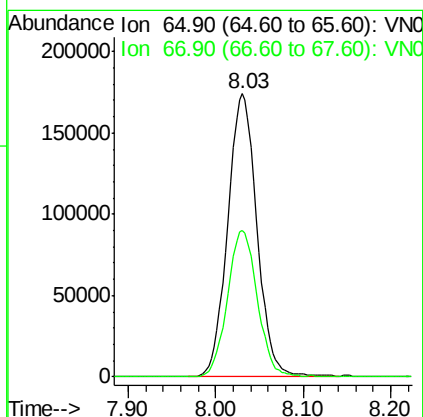
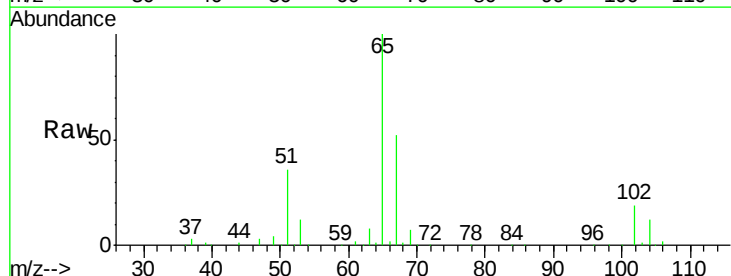
Instrument :
MSVOA_N
ClientSampleId :
ES-PILLAR-3-4

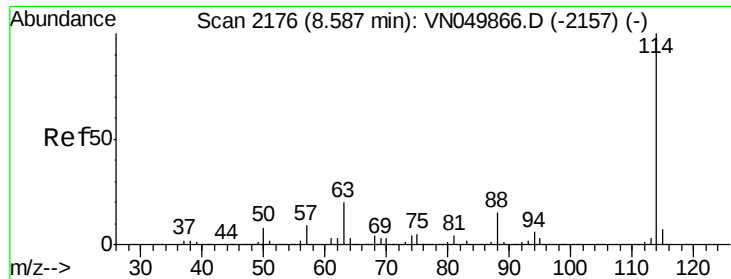
Tot Ion: 42 Resp: 16340
Ion Ratio Lower Upper
42 100
72 43.8 35.6 53.4
71 38.4 34.0 51.0



#33
1,2-Dichloroethane-d4
Concen: 52.69 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

Tgt Ion: 65 Resp: 404398
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049988.D

Acq: 21 Jul 2018 4:22

Instrument :

MSVOA_N

ClientSampleId :

ES-PILLAR-3-4

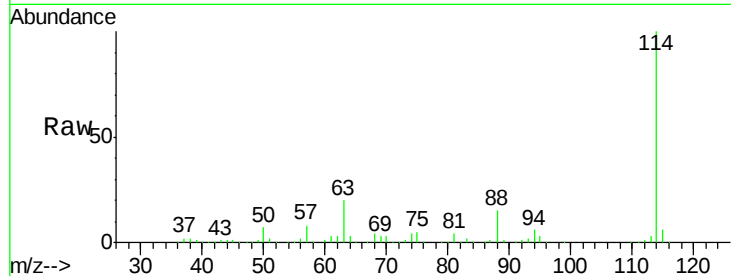
Tot Ion:114 Resp: 923708

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

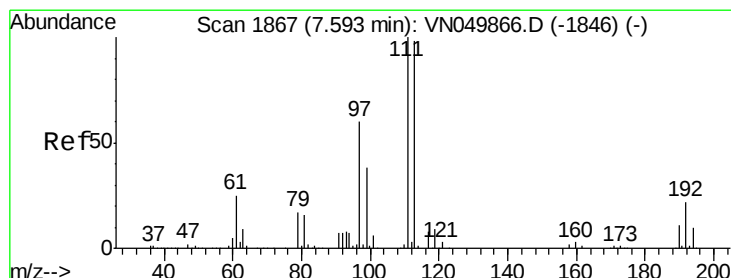
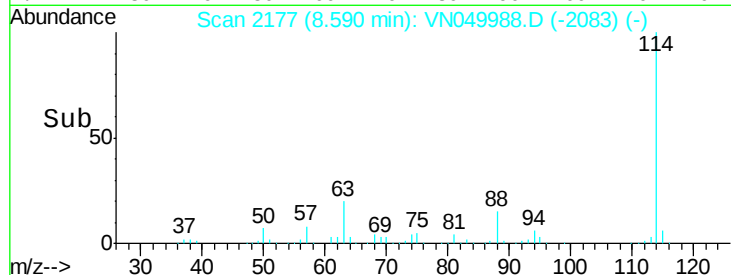
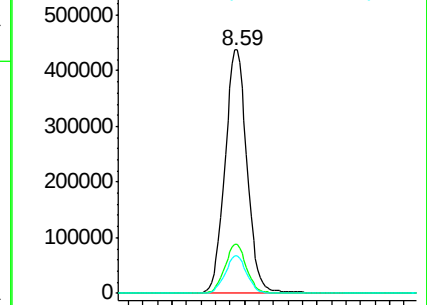
88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.34 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049988.D

Acq: 21 Jul 2018 4:22

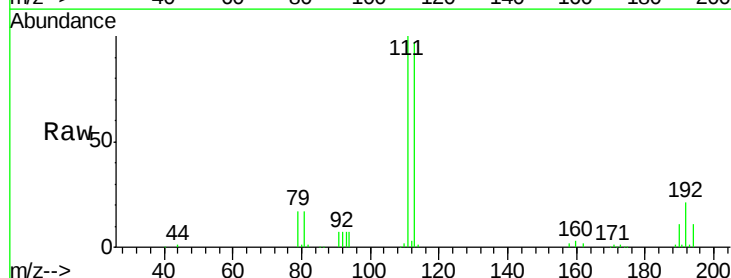
Tgt Ion:113 Resp: 351560

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

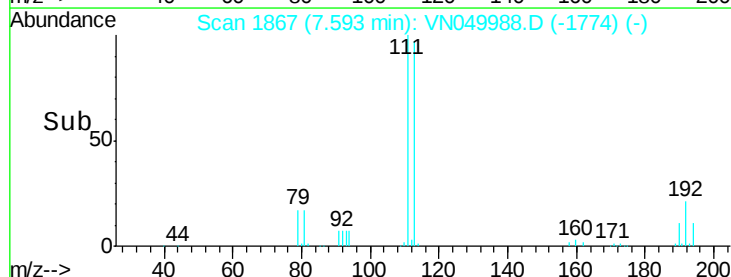
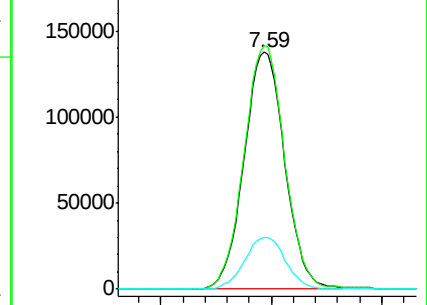
192 22.1 17.8 26.6

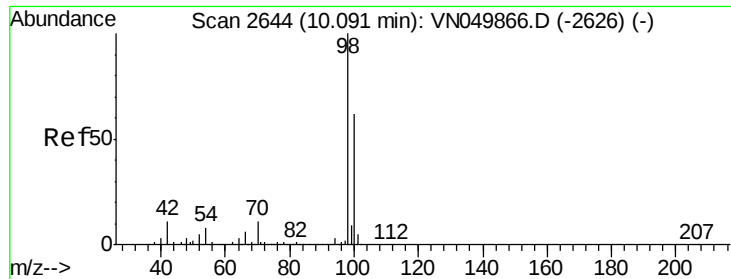


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.94 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049988.D

Acq: 21 Jul 2018 4:22

Instrument :

MSVOA_N

ClientSampleId :

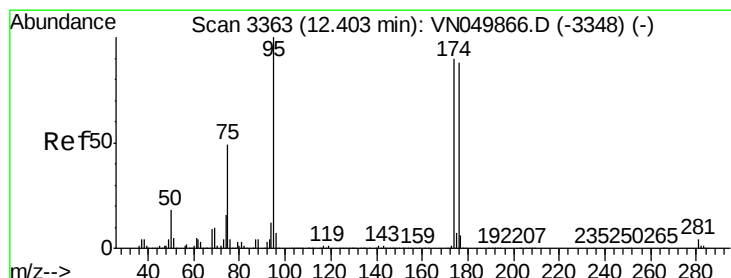
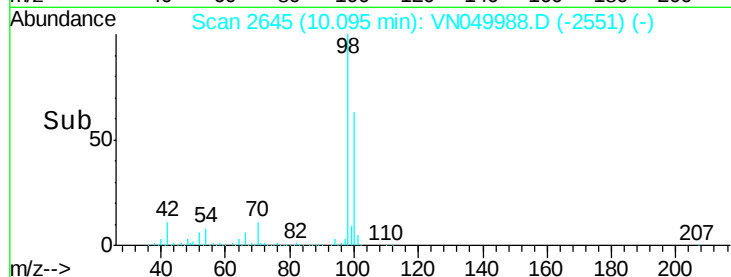
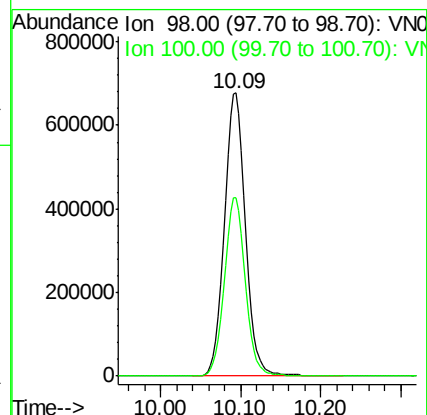
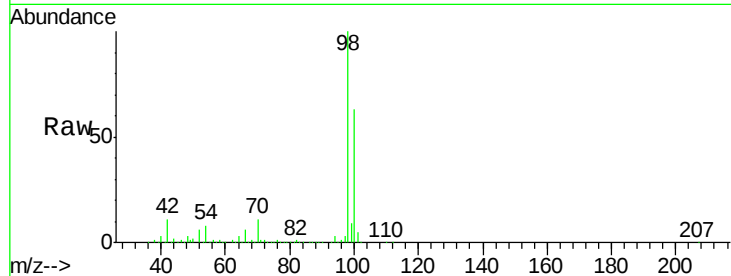
ES-PILLAR-3-4

Tot Ion: 98 Resp: 1241420

Ion Ratio Lower Upper

98 100

100 62.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 34.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049988.D

Acq: 21 Jul 2018 4:22

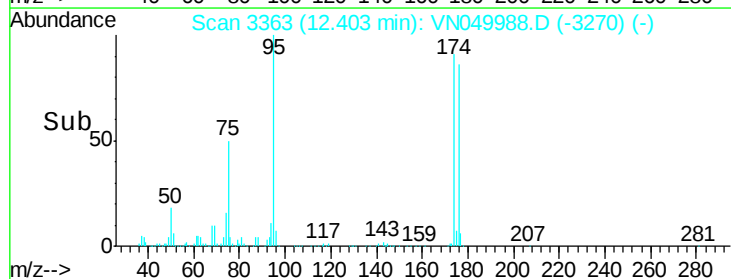
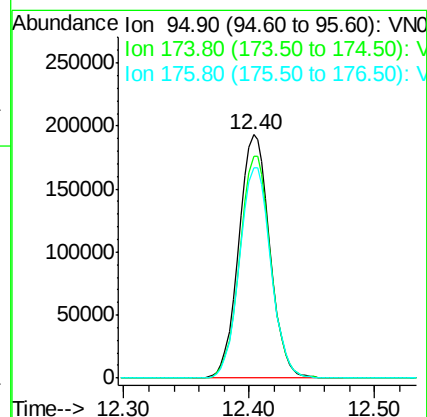
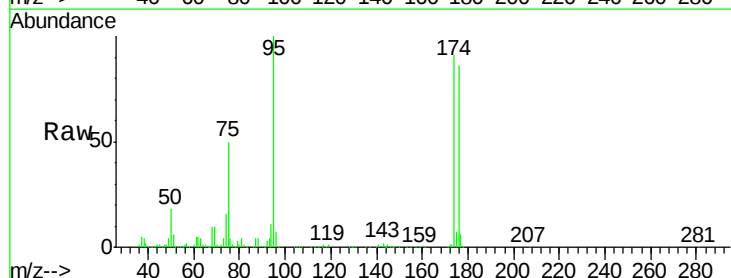
Tgt Ion: 95 Resp: 331000

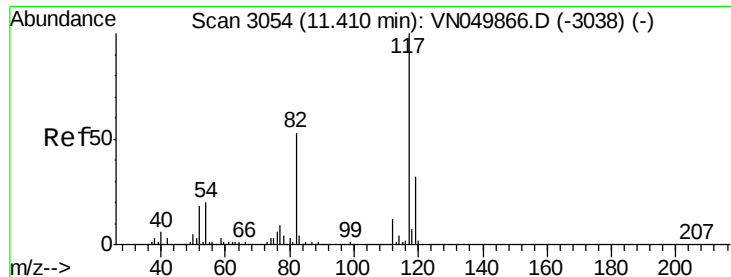
Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

176 87.6 0.0 174.0

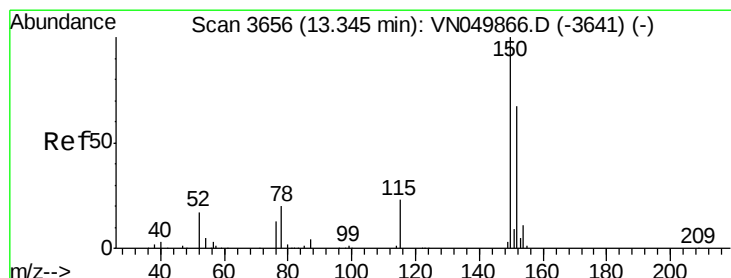
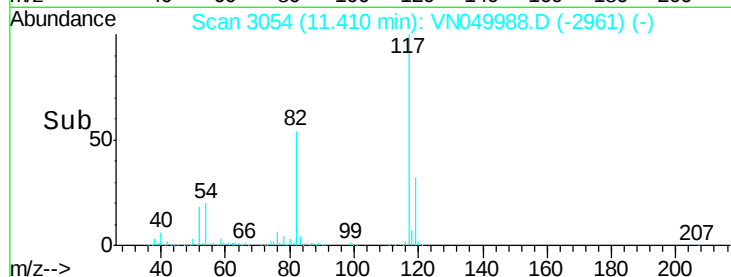
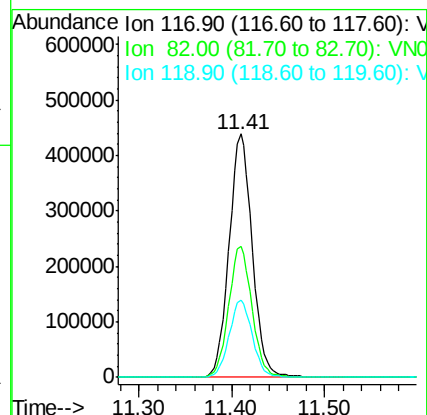
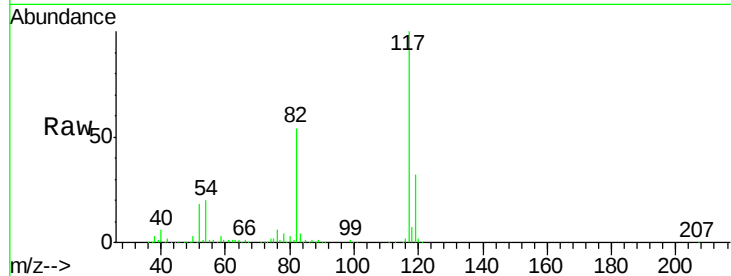




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

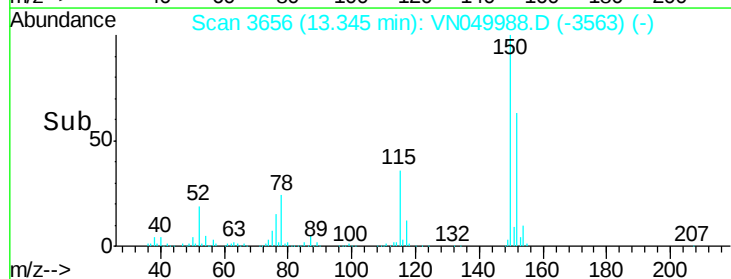
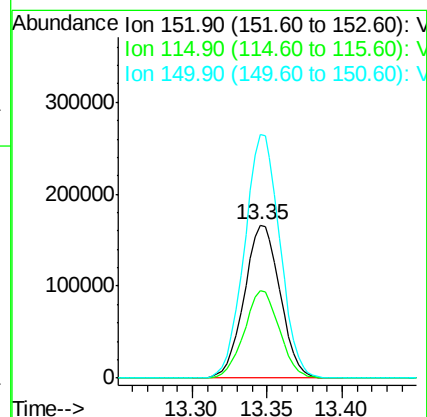
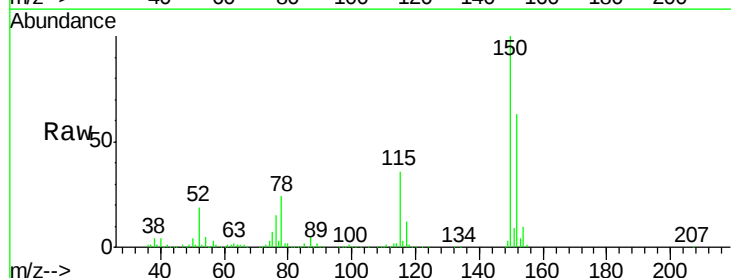
Instrument :
MSVOA_N
ClientSampleId :
ES-PILLAR-3-4

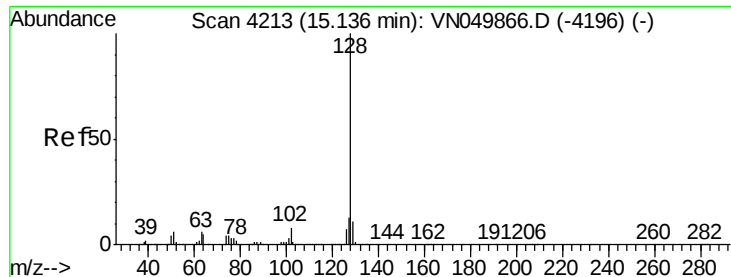
Tot Ion:117 Resp: 759765
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

Tgt Ion:152 Resp: 277410
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 157.5 0.0 347.6

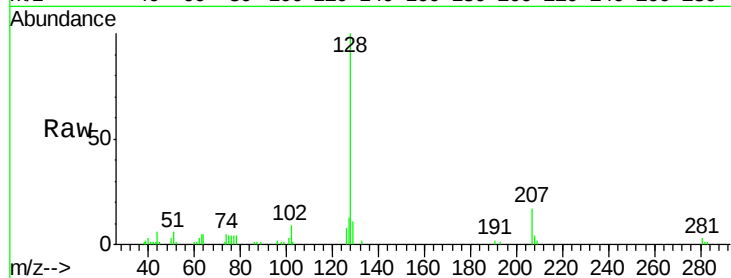




#95
Naphthalene
Concen: 6.64 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049988.D
Acq: 21 Jul 2018 4:22

Instrument :
MSVOA_N
ClientSampleId :
ES-PILLAR-3-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	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

