

Data File : VN049479.D
Acq On : 21 Jun 2018 20:02
Operator : MD\SY
Sample : J3570-01
Misc : 5.15g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20180371-COMPOSITE-CS-1A

Quant Time: Jul 02 03:59:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1136183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1734554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1502975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	730839	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	7.59	113	642813	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	10.09	98	2405541	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	12.40	95	744164	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	

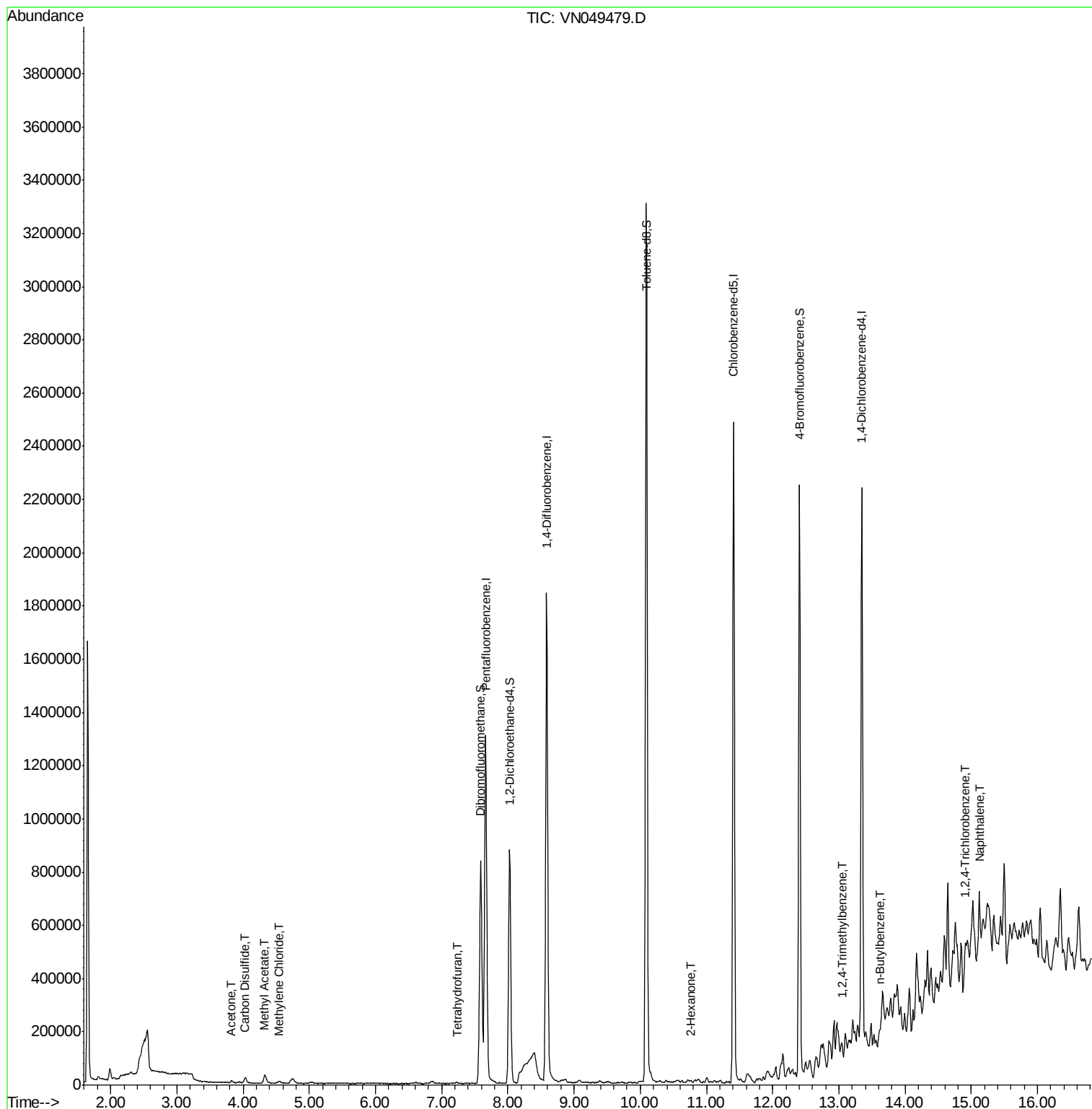
Target Compounds				Qvalue		
16) Acetone	3.83	43	7427	2.030	ug/l	94
17) Carbon Disulfide	4.03	76	41213	1.009	ug/l	99
18) Methyl Acetate	4.33	43	61128	5.479	ug/l	92
20) Methylene Chloride	4.55	84	6330	0.414	ug/l #	76
29) Tetrahydrofuran	7.22	42	5012	1.585	ug/l #	62
59) 2-Hexanone	10.76	43	7017	1.006	ug/l	96
84) 1,2,4-Trimethylbenzene	13.05	105	10912	0.261	ug/l	97
89) n-Butylbenzene	13.62	91	14089	0.436	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	11409	5.732	ug/l #	80
95) Naphthalene	15.14	128	35348	4.163	ug/l #	90

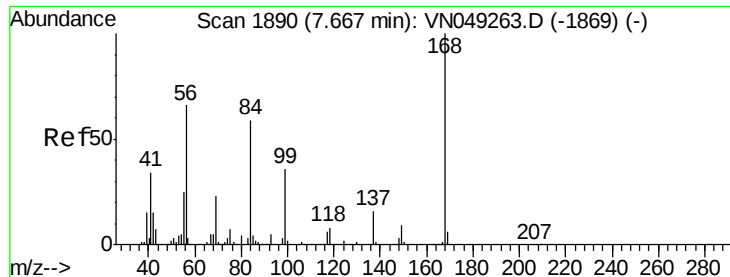
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

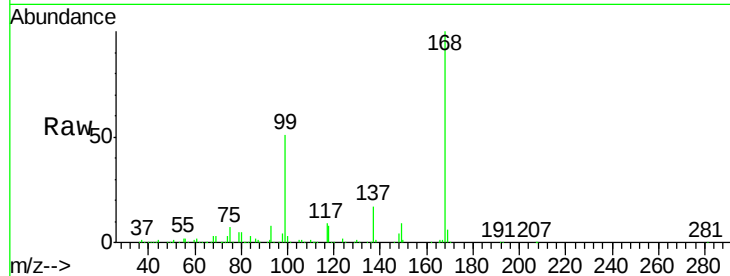
20180371-COMPOSITE-CS-1A

Tgt Ion:168 Resp: 1136183

Ion Ratio Lower Upper

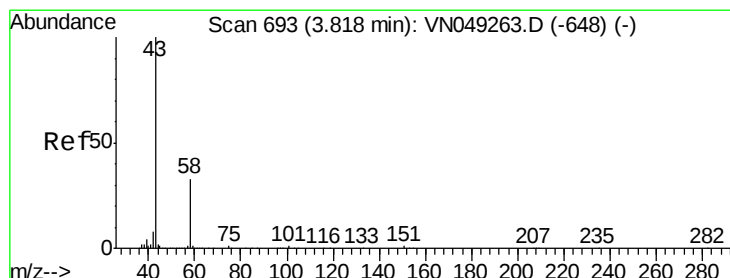
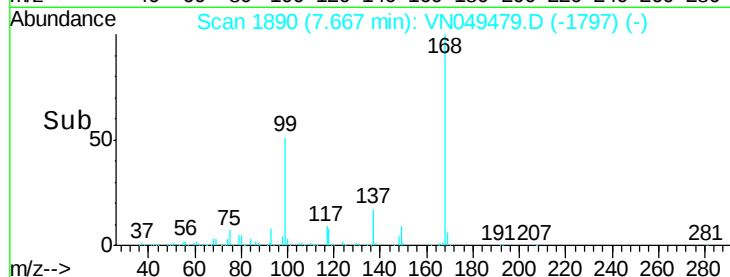
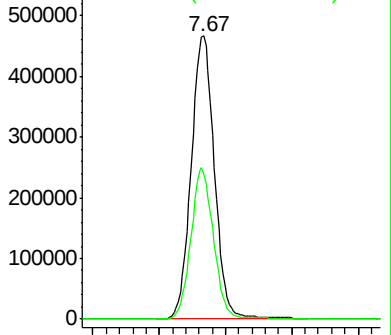
168 100

99 51.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 2.030 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049479.D

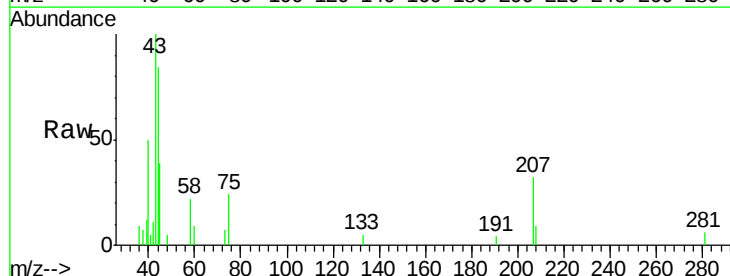
Acq: 21 Jun 2018 20:02

Tgt Ion: 43 Resp: 7427

Ion Ratio Lower Upper

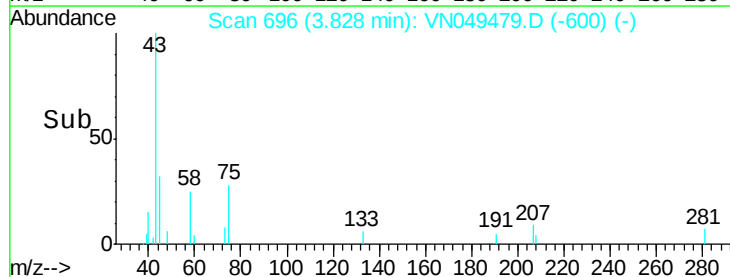
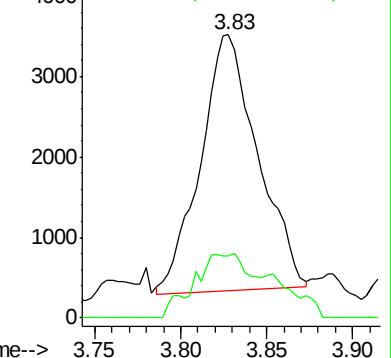
43 100

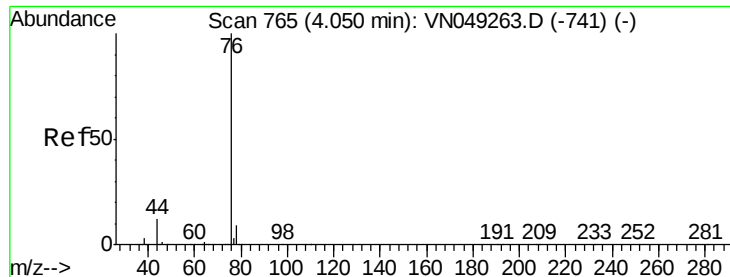
58 24.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

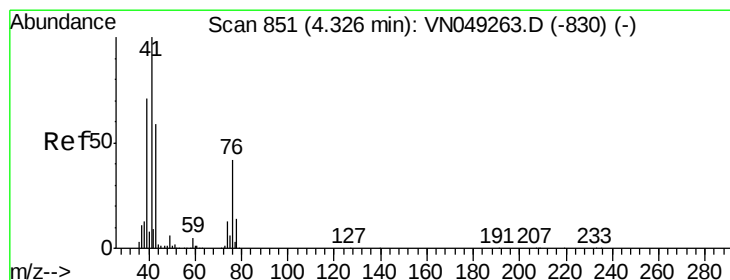
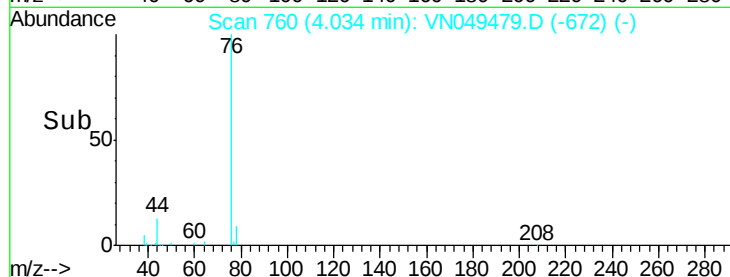
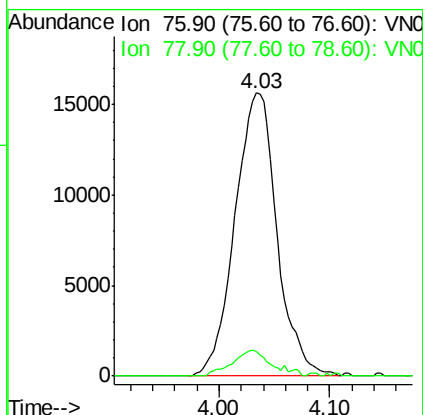
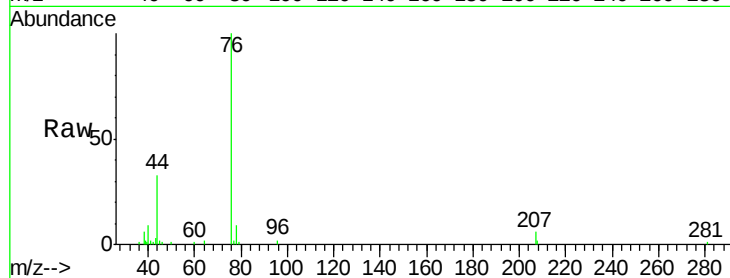




#17
Carbon Disulfide
Concen: 1.009 ug/l
RT: 4.03 min Scan# 760
Delta R.T. -0.02 min
Lab File: VN049479.D
Acq: 21 Jun 2018 20:02

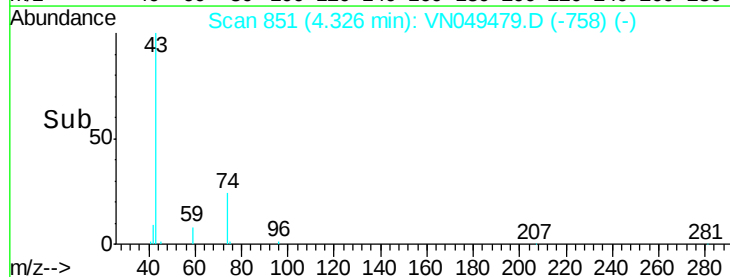
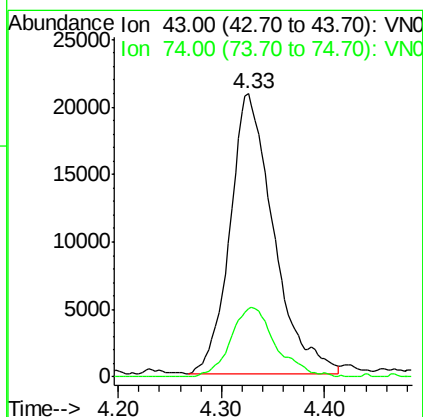
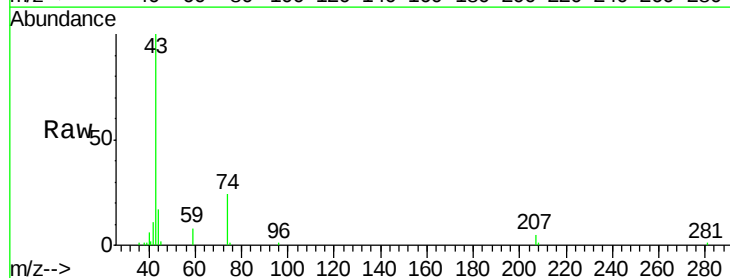
Instrument :
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20180371-COMPOSITE-CS-1A

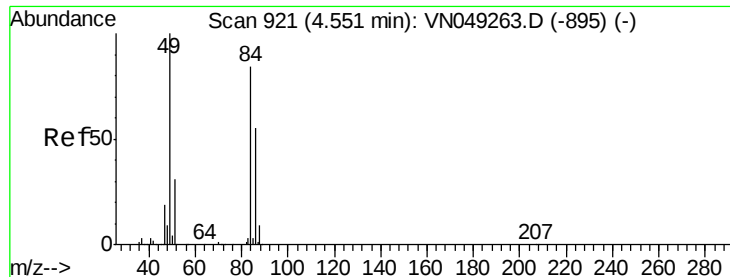
Tgt Ion: 76 Resp: 41213
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 5.479 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049479.D
Acq: 21 Jun 2018 20:02

Tgt Ion: 43 Resp: 61128
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

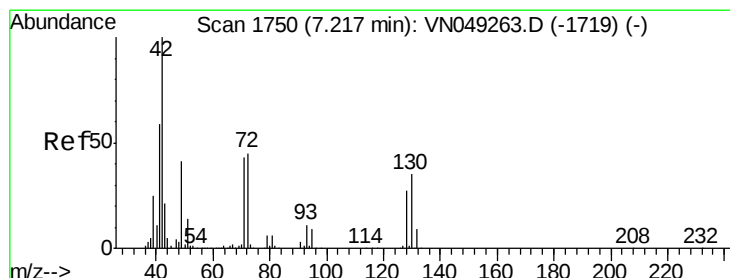
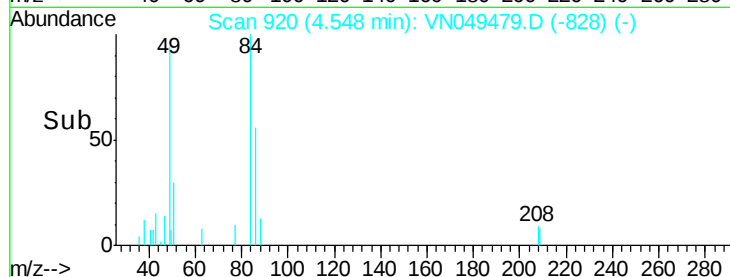
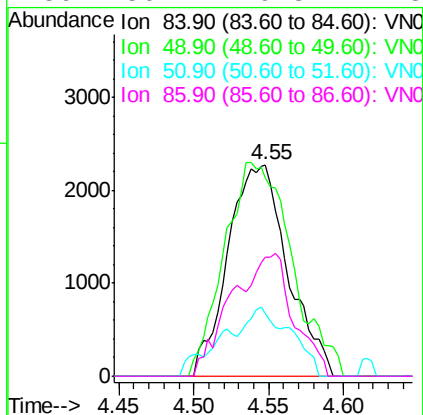
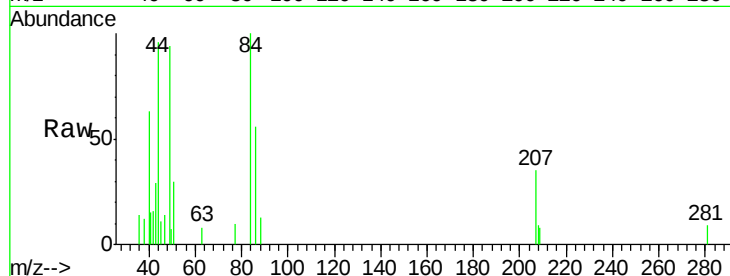




#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049479.D
Acq: 21 Jun 2018 20:02

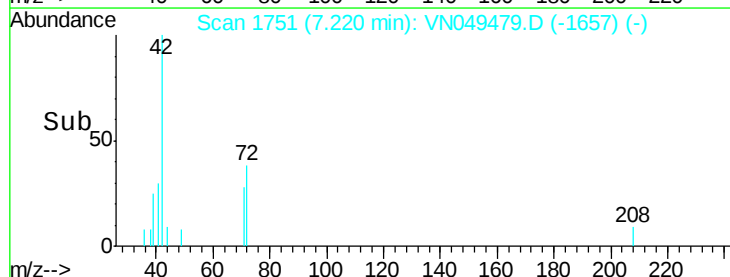
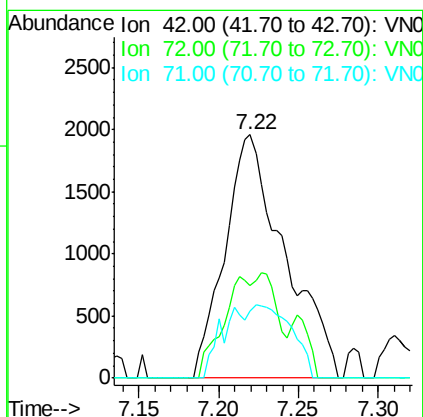
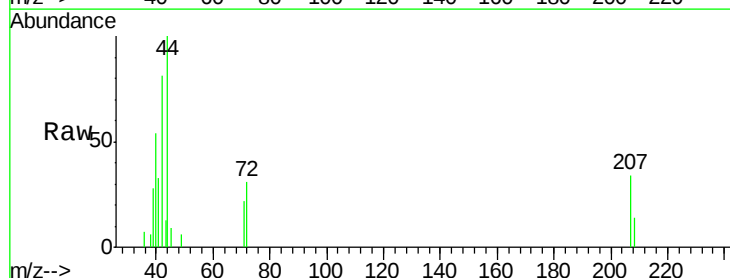
Instrument :
MSVOA_N
ClientSampleId :
20180371-COMPOSITE-CS-1A

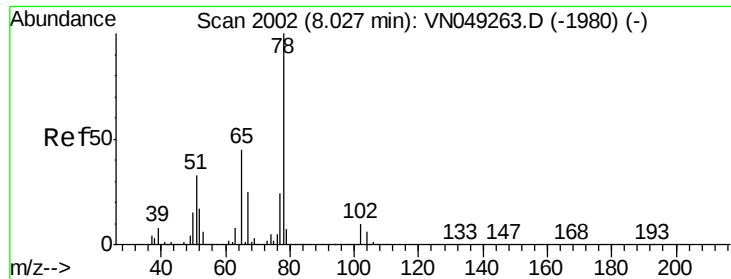
Tgt Ion:	84	Resp:	6330
Ion	Ratio	Lower	Upper
84	100		
49	93.7	106.9	160.3#
51	29.7	32.7	49.1#
86	56.1	49.8	74.8



#29
Tetrahydrofuran
Concen: 1.585 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049479.D
Acq: 21 Jun 2018 20:02

Tgt Ion:	42	Resp:	5012
Ion	Ratio	Lower	Upper
42	100		
72	20.1	32.2	48.4#
71	12.3	30.5	45.7#





#33

1,2-Dichloroethane-d4

Concen: 48.498 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

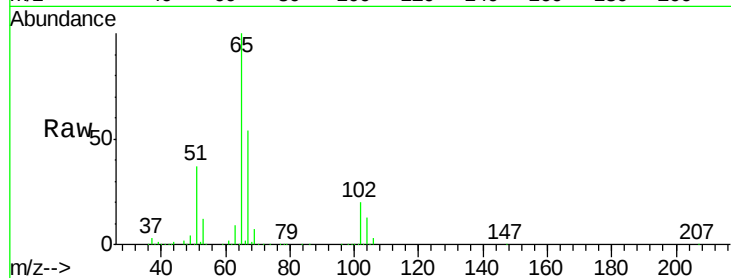
20180371-COMPOSITE-CS-1A

Tgt Ion: 65 Resp: 730839

Ion Ratio Lower Upper

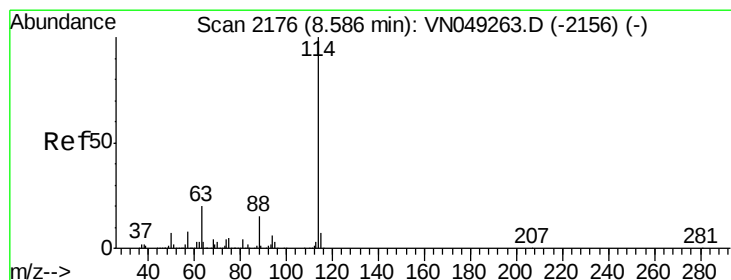
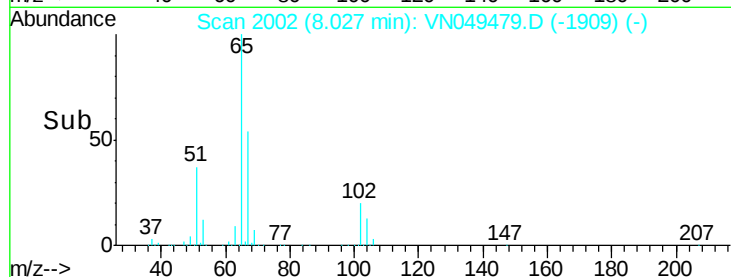
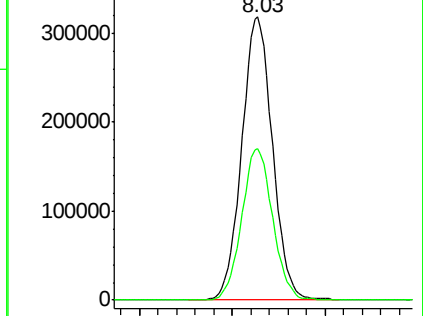
65 100

67 54.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049479.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049479.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

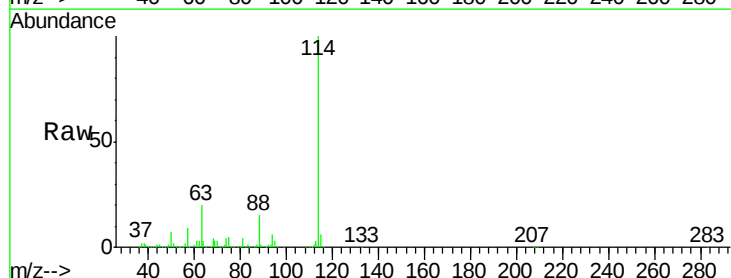
Tgt Ion: 114 Resp: 1734554

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

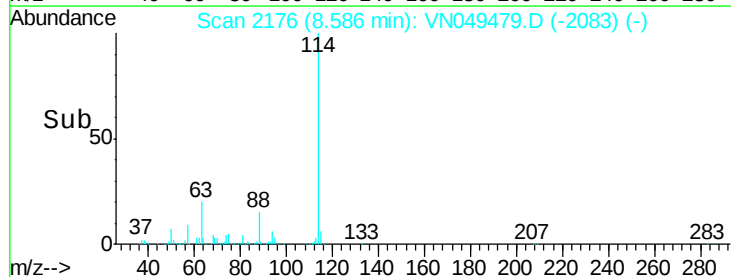
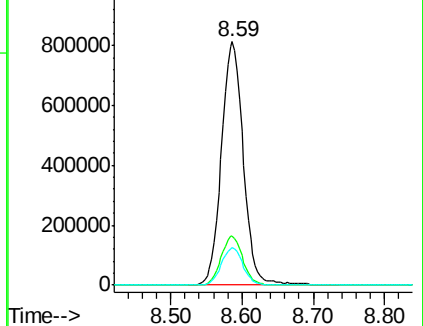
88 15.3 0.0 31.4

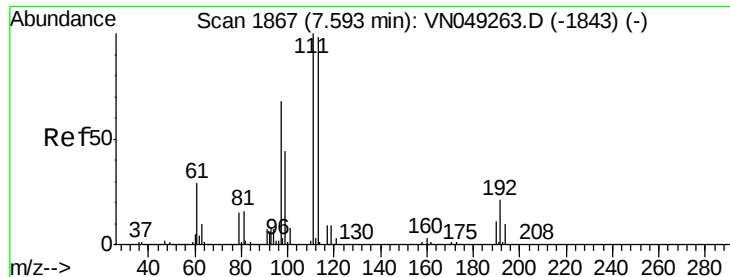


Abundance Ion 113.90 (113.60 to 114.60): VN049479.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049479.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049479.D (-2083) (-)





#35

Dibromofluoromethane

Concen: 45.806 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

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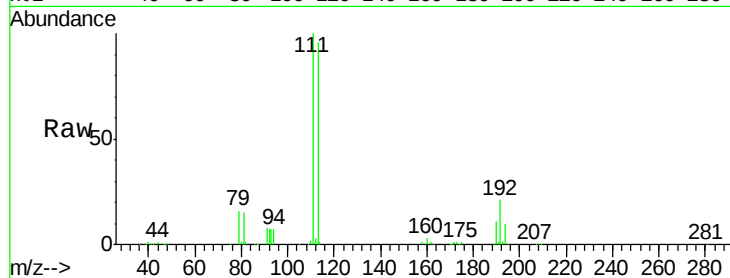
Tgt Ion:113 Resp: 642813

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

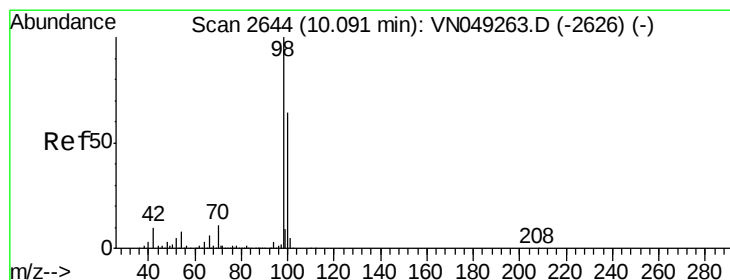
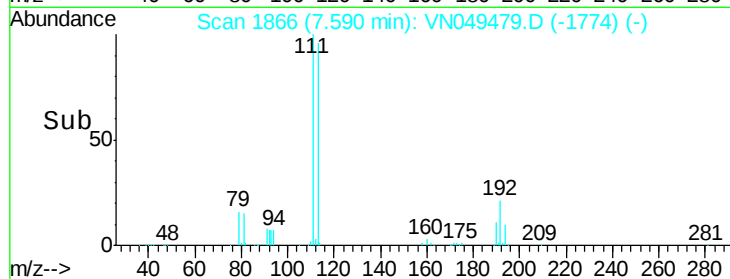
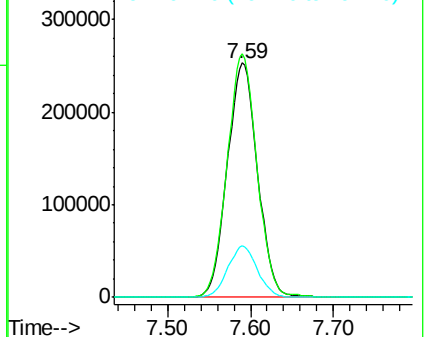
192 21.7 15.0 22.6



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: 45.019 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049479.D

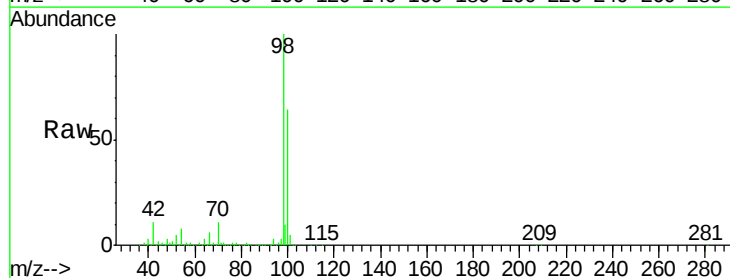
Acq: 21 Jun 2018 20:02

Tgt Ion: 98 Resp: 2405541

Ion Ratio Lower Upper

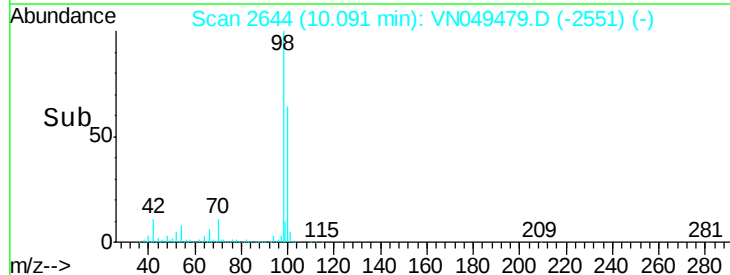
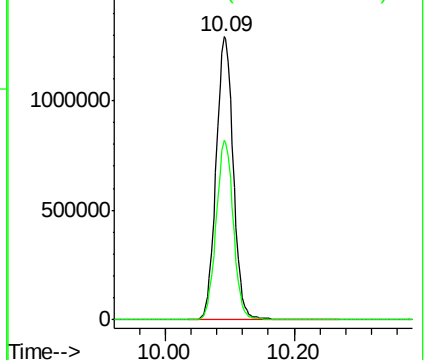
98 100

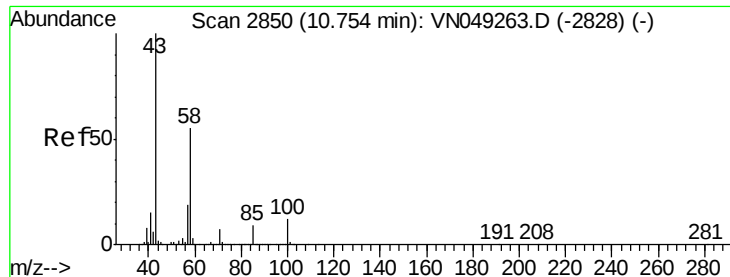
100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 1.006 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

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ClientSampleId :

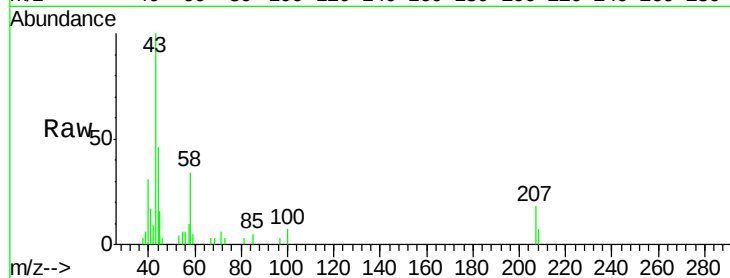
20180371-COMPOSITE-CS-1A

Tgt Ion: 43 Resp: 7017

Ion Ratio Lower Upper

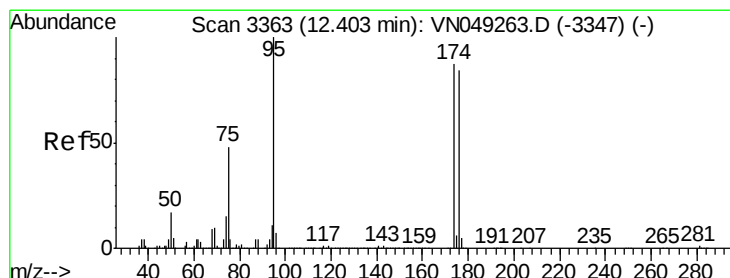
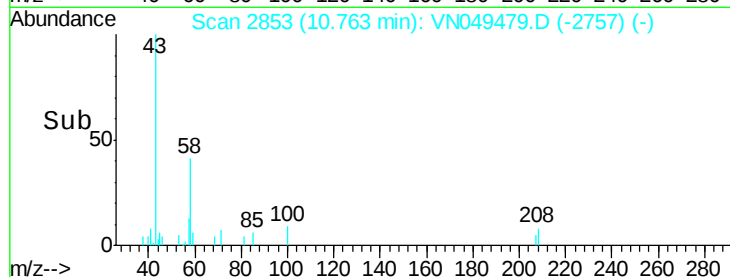
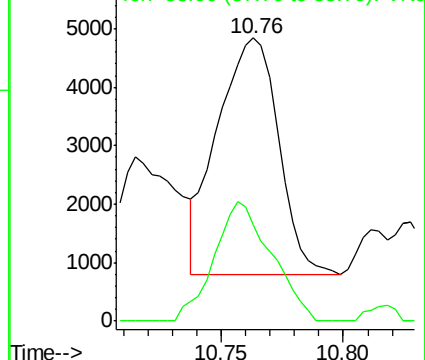
43 100

58 47.5 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 42.119 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

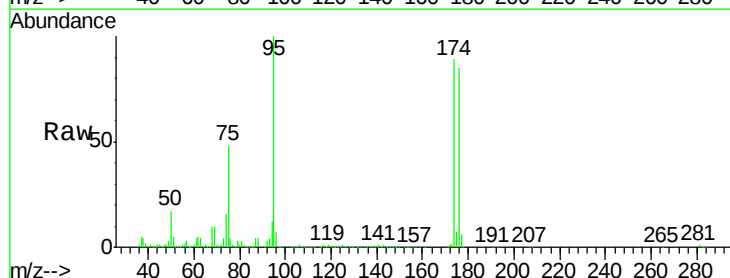
Tgt Ion: 95 Resp: 744164

Ion Ratio Lower Upper

95 100

174 89.0 0.0 165.6

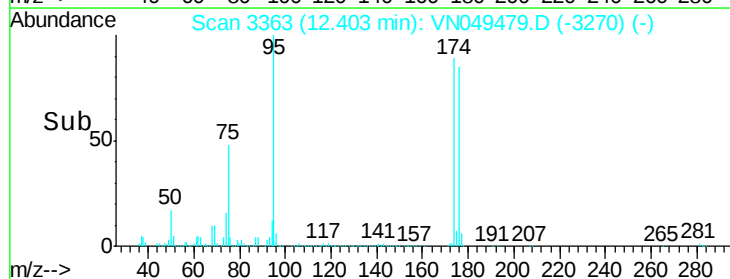
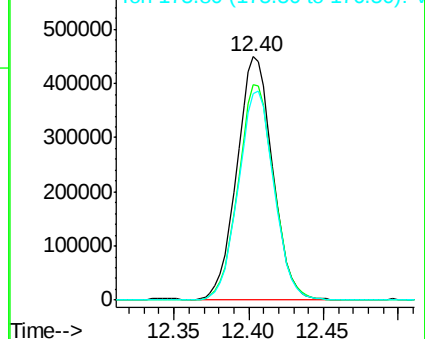
176 86.2 0.0 157.4

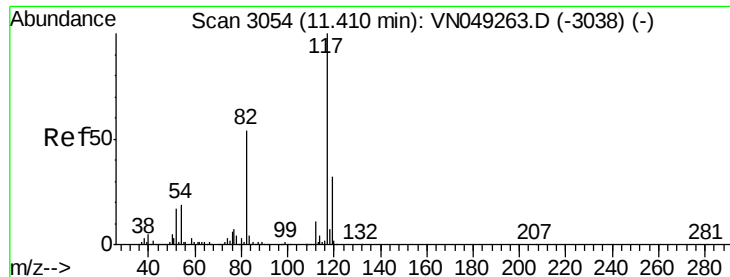


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

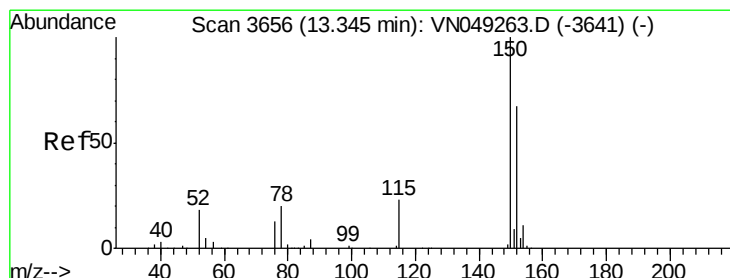
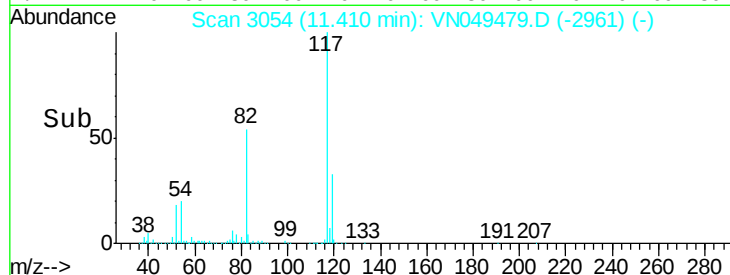
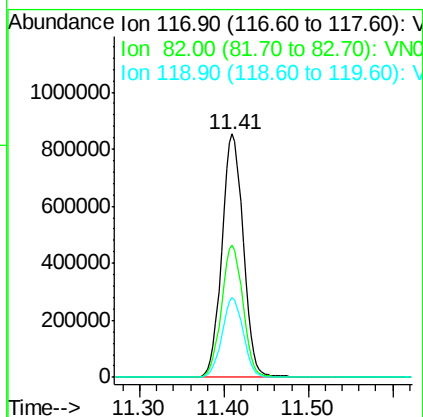
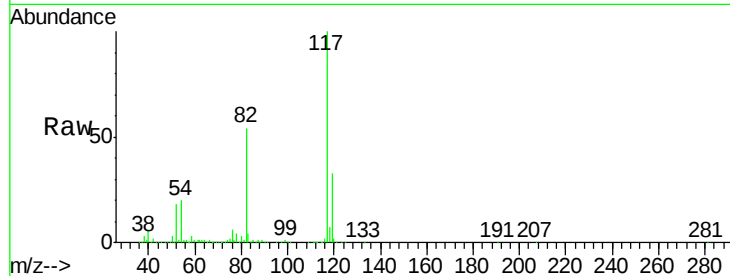




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049479.D
Acq: 21 Jun 2018 20:02

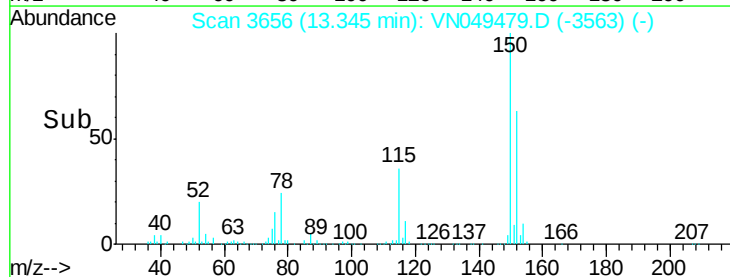
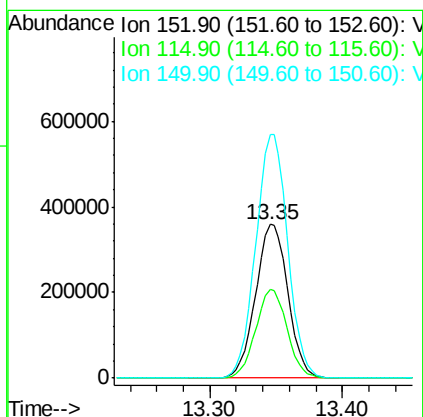
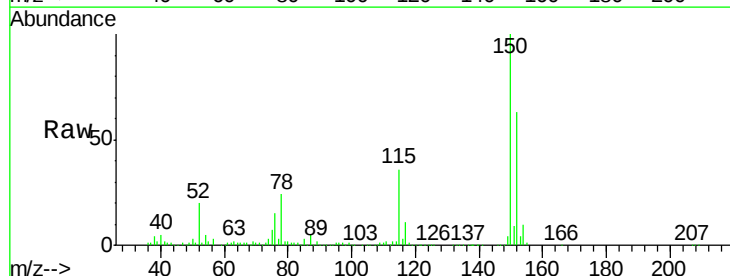
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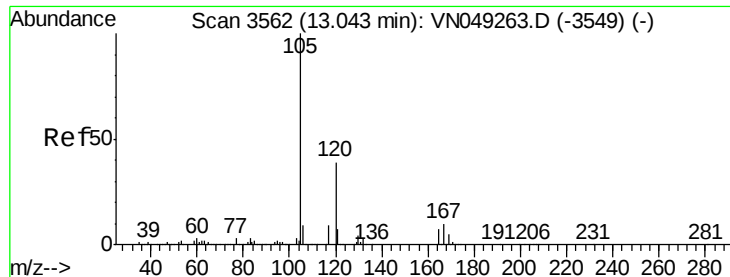
Tgt Ion:117 Resp: 1502975
Ion Ratio Lower Upper
117 100
82 54.4 45.9 68.9
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049479.D
Acq: 21 Jun 2018 20:02

Tgt Ion:152 Resp: 608933
Ion Ratio Lower Upper
152 100
115 56.0 28.7 86.1
150 156.5 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 0.261 ug/l

RT: 13.05 min Scan# 3563

Delta R.T. 0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

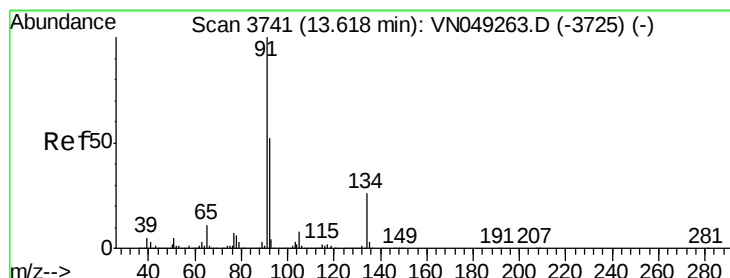
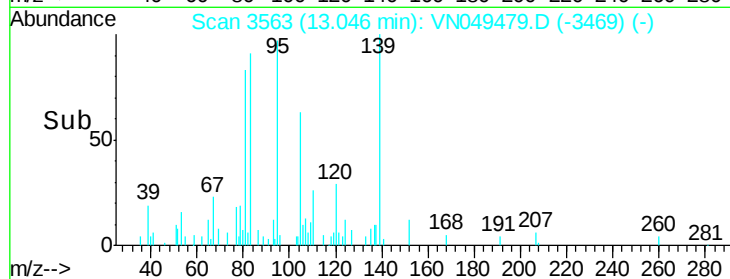
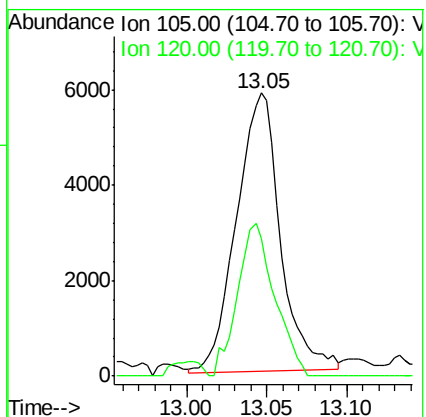
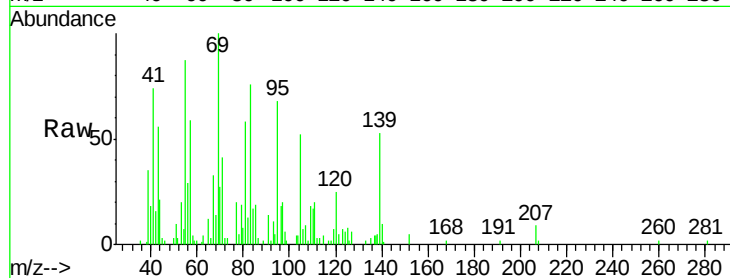
20180371-COMPOSITE-CS-1A

Tgt Ion: 105 Resp: 10912

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6



#89

n-Butylbenzene

Concen: 0.436 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049479.D

Acq: 21 Jun 2018 20:02

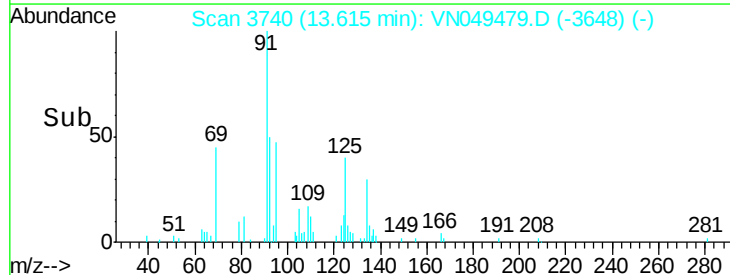
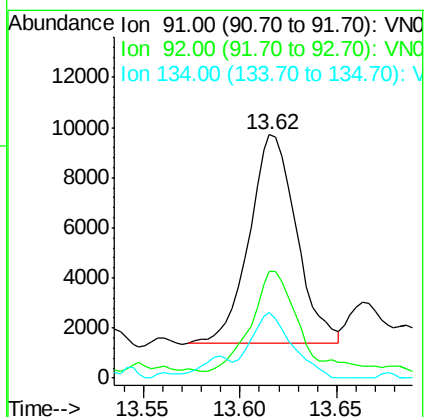
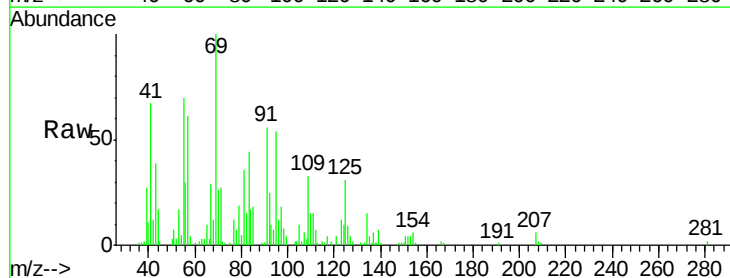
Tgt Ion: 91 Resp: 14089

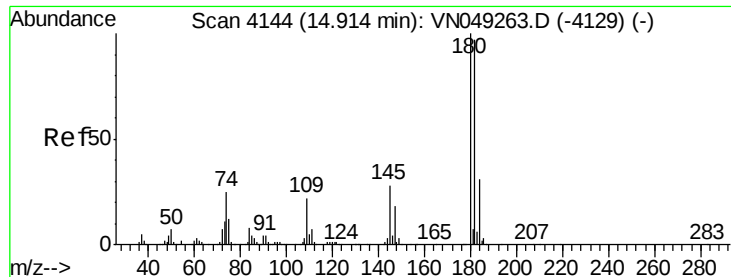
Ion Ratio Lower Upper

91 100

92 48.4 25.1 75.4

134 27.7 12.0 36.0

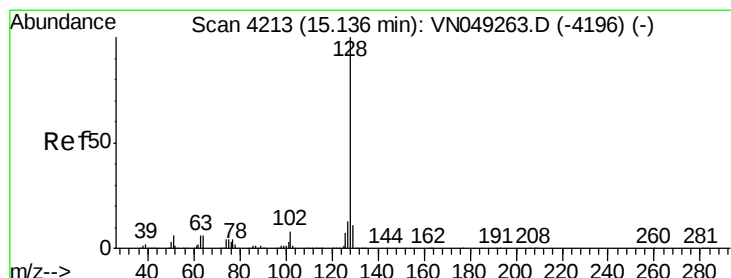
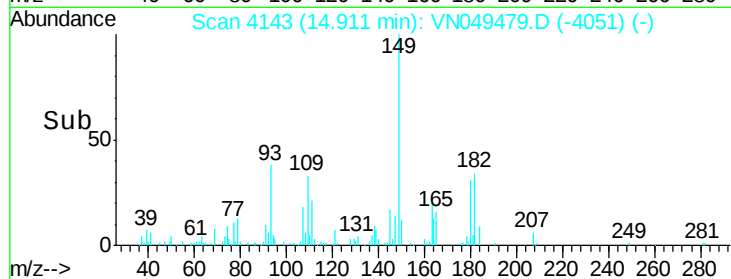
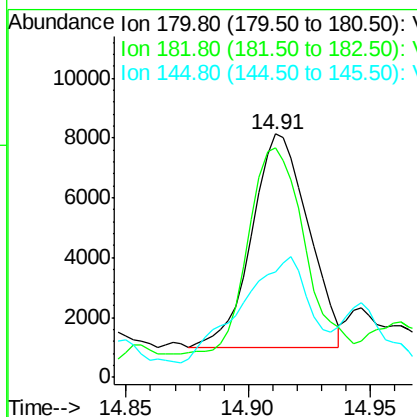
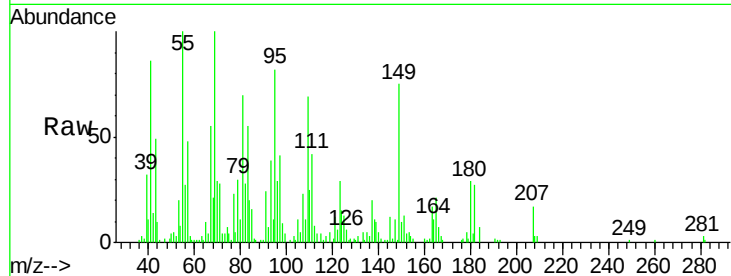




#93
 1,2,4-Trichlorobenzene
 Concen: 5.732 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049479.D
 Acq: 21 Jun 2018 20:02

Instrument :
 MSVOA_N
 ClientSampleId :
 20180371-COMPOSITE-CS-1A

Tgt Ion:180 Resp: 11409
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.9 140.8
 145 73.2 14.7 44.1#



#95
 Naphthalene
 Concen: 4.163 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049479.D
 Acq: 21 Jun 2018 20:02

Tgt Ion:128 Resp: 35348
 Ion Ratio Lower Upper
 128 100
 127 19.5 10.6 16.0#
 129 11.7 8.5 12.7

