

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052699.D
 Acq On : 6 Dec 2018 15:00
 Operator : MD\SY
 Sample : J6214-39
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Quant Time: Dec 07 07:10:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1121615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1737237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1479011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	516744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	600766	49.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.38%	
35) Dibromofluoromethane	7.59	113	539153	50.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	2111554	50.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	625775	44.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.34%	

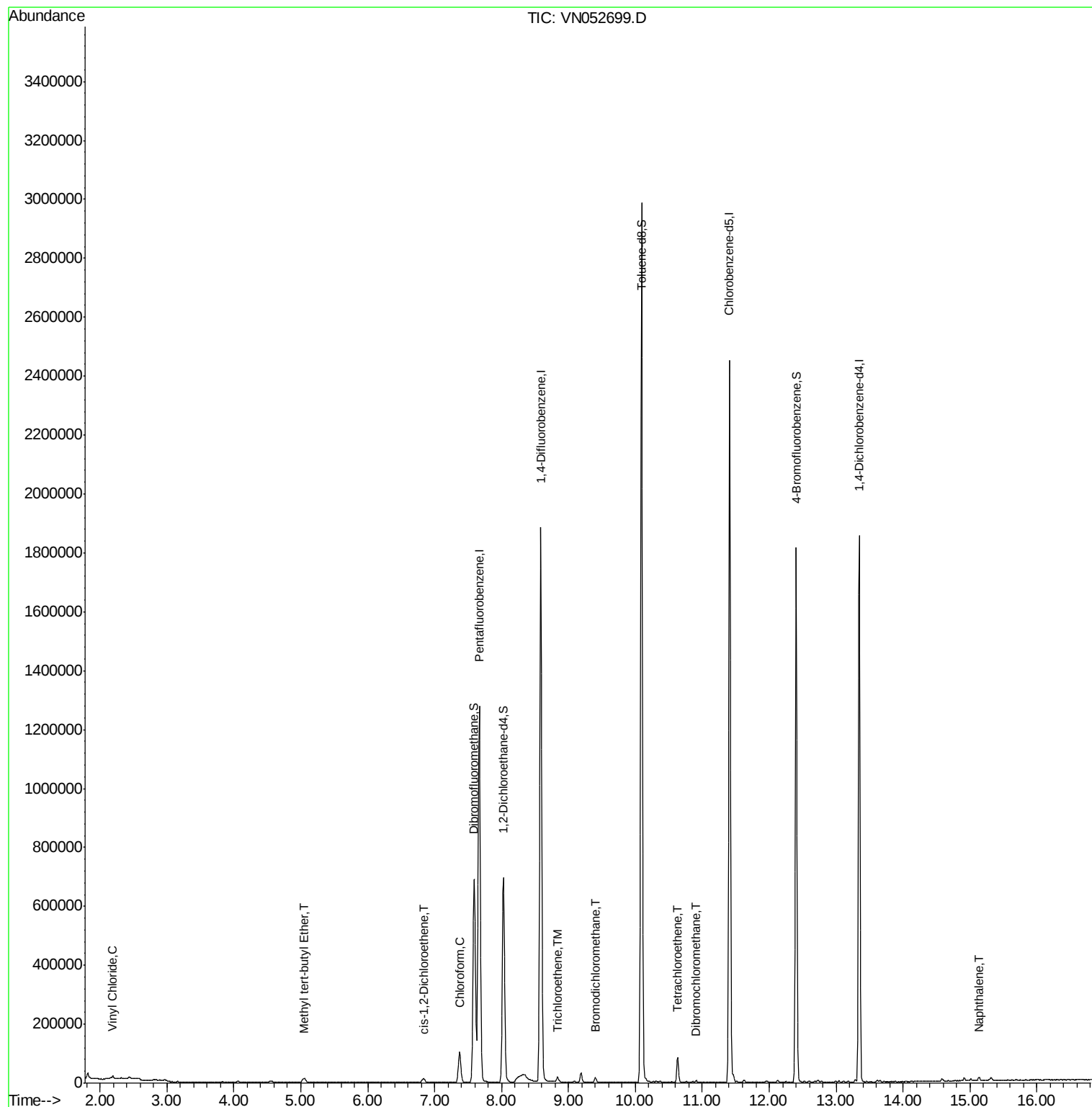
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	5102	0.358	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	19257	0.689	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	8610	0.659	ug/l	91
30) Chloroform	7.37	83	114238	5.272	ug/l	99
44) Trichloroethene	8.83	130	6601	0.527	ug/l	96
47) Bromodichloromethane	9.40	83	10967	0.701	ug/l #	94
60) Dibromochloromethane	10.91	129	3364	0.303	ug/l	92
64) Tetrachloroethene	10.63	164	21656	1.889	ug/l	96
95) Naphthalene	15.14	128	10515	3.932	ug/l	96

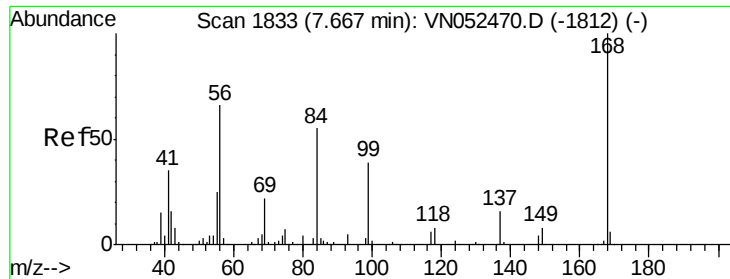
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120618\
Data File : VN052699.D
Acq On : 6 Dec 2018 15:00
Operator : MD\SY
Sample : J6214-39
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
TW-2

Quant Time: Dec 07 07:10:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 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: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

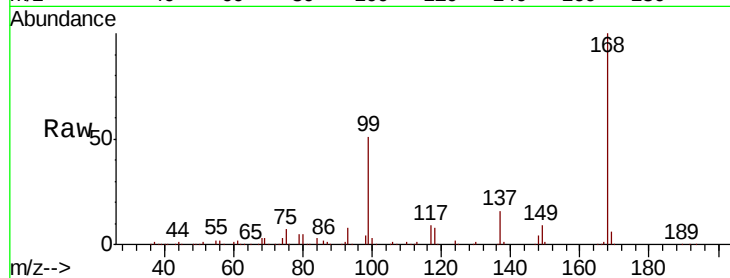
TW-2

Tot Ion:168 Resp: 1121615

Ion Ratio Lower Upper

168 100

99 50.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D

Ion 98.90 (98.60 to 99.60): VN052470.D

7.67

500000

400000

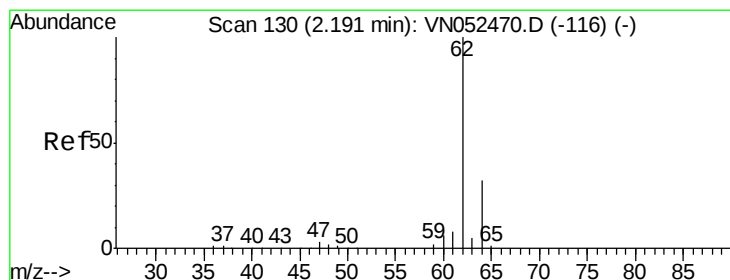
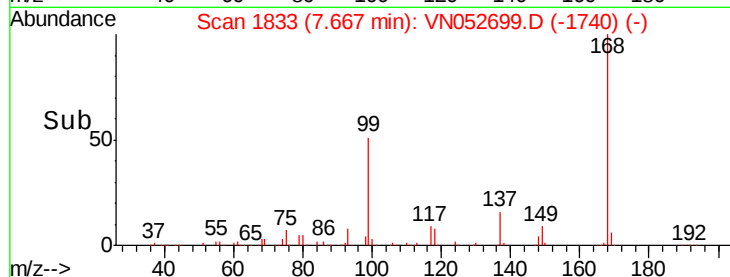
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 0.358 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052699.D

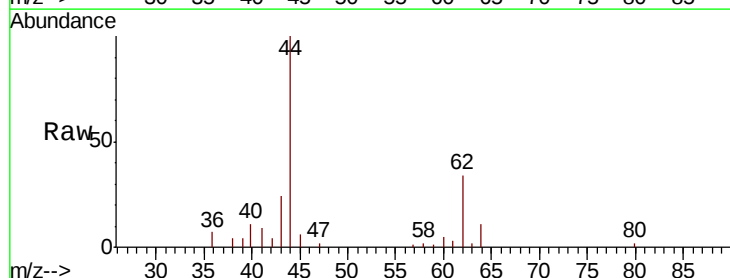
Acq: 6 Dec 2018 15:00

Tgt Ion: 62 Resp: 5102

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN052470.D

Ion 63.90 (63.60 to 64.60): VN052470.D

2.19

4000

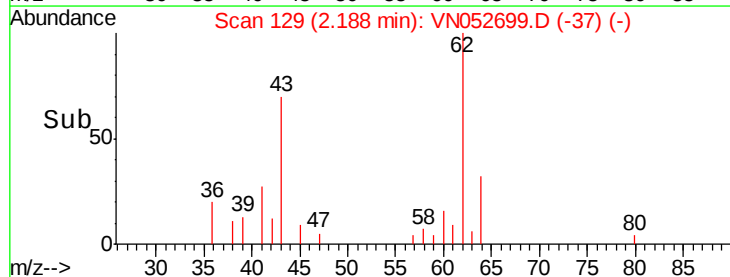
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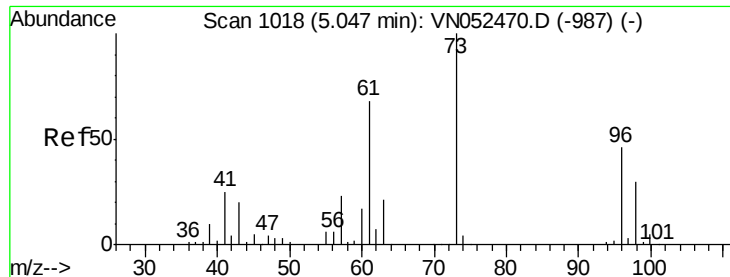
2000

1000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 0.689 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampled :

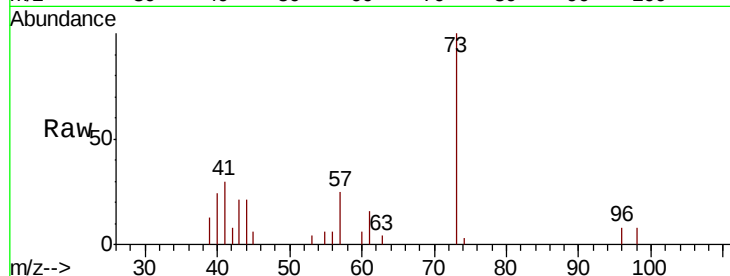
TW-2

Tot Ion: 73 Resp: 19257

Ion Ratio Lower Upper

73 100

57 24.6 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN052470.D (-987) (-)

Ion 57.00 (56.70 to 57.70): VN052470.D (-987) (-)

5.05

6000

5000

4000

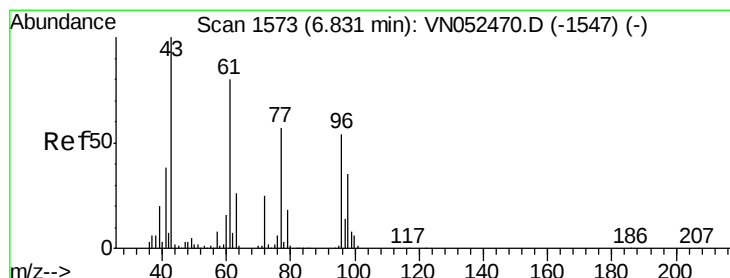
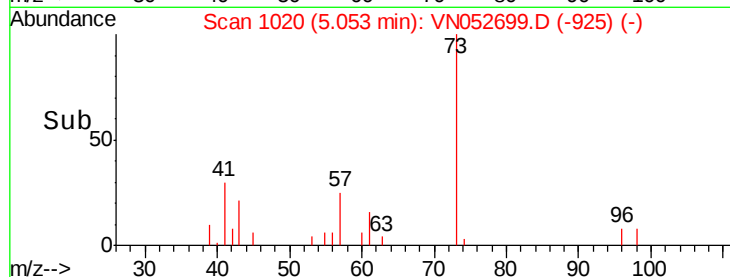
3000

2000

1000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.659 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

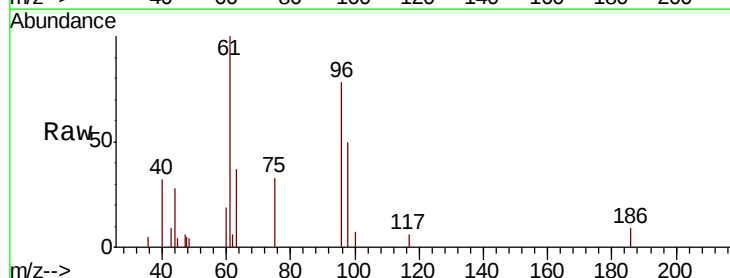
Tgt Ion: 96 Resp: 8610

Ion Ratio Lower Upper

96 100

61 130.2 0.0 291.0

98 64.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN052470.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN052470.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1547) (-)

5000

4000

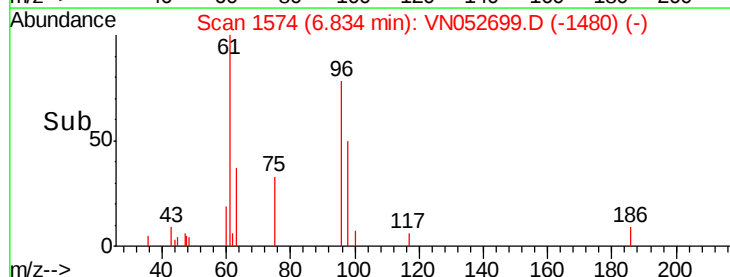
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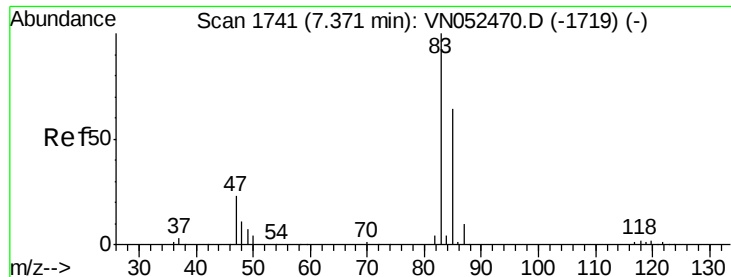
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1000

0

Time-->

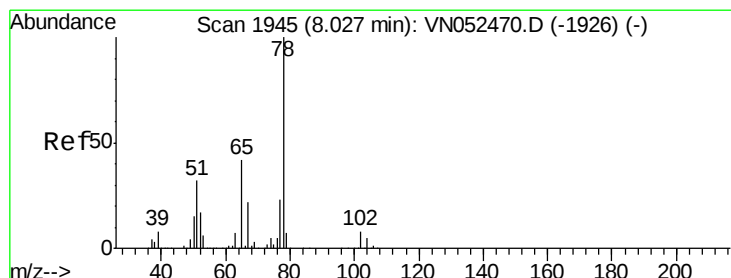
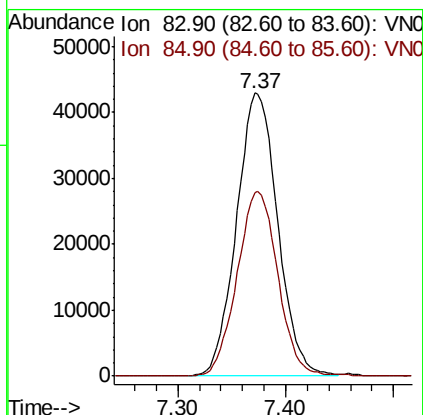
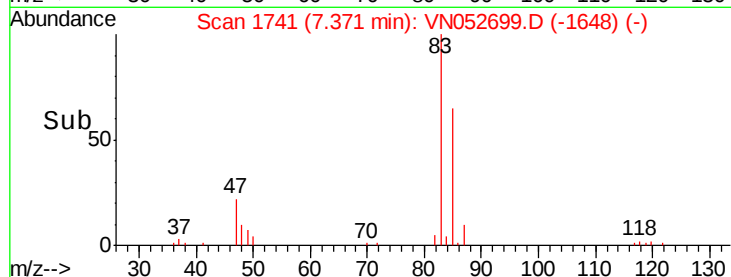
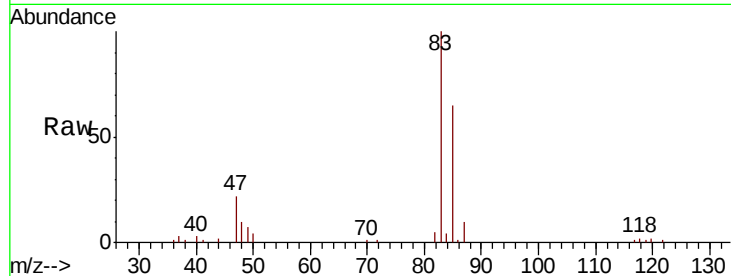




#30
Chloroform
Concen: 5.272 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

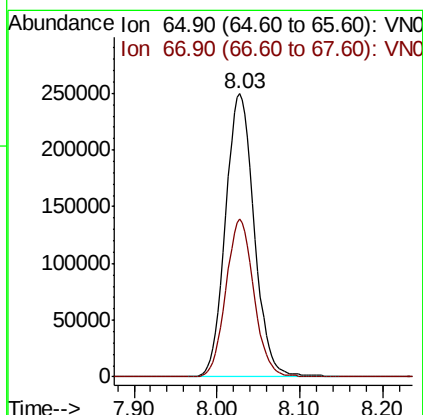
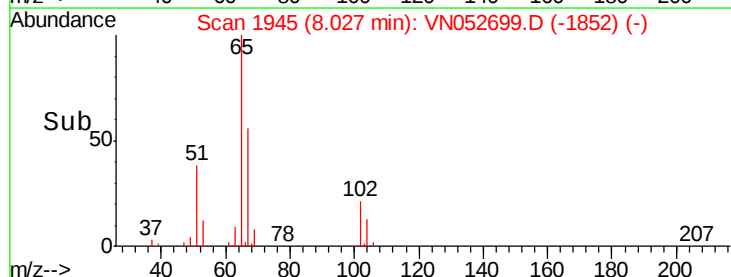
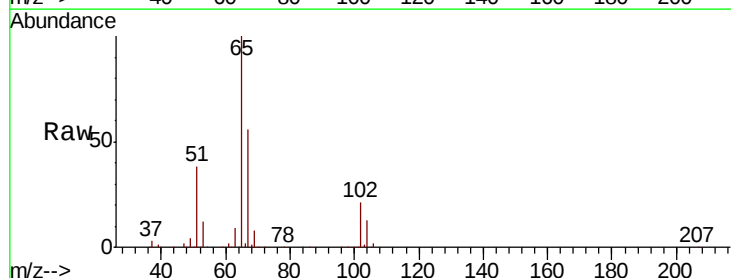
Instrument :
MSVOA_N
ClientSampleId :
TW-2

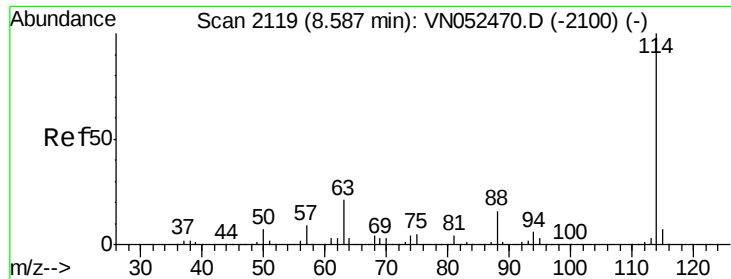
Tot Ion: 83 Resp: 114238
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion: 65 Resp: 600766
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.8



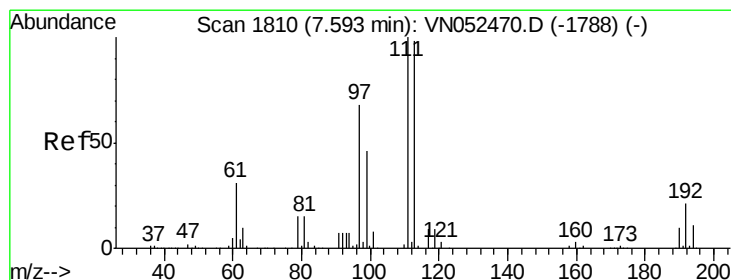
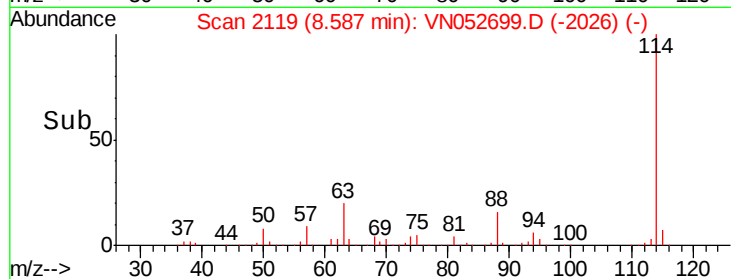
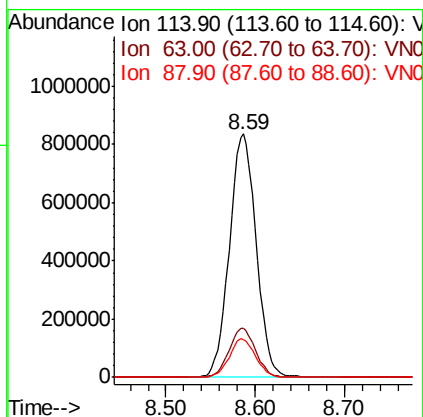
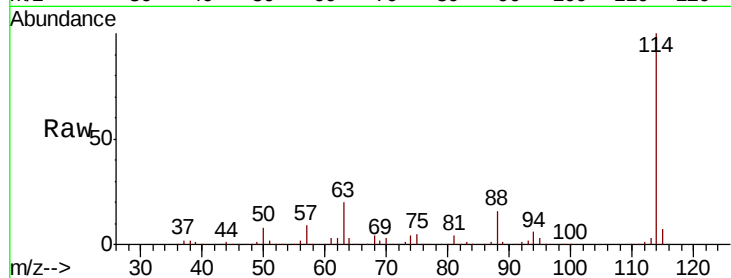


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Instrument :
 MSVOA_N
 ClientSampled :
 TW-2

Tot Ion:114 Resp: 1737237

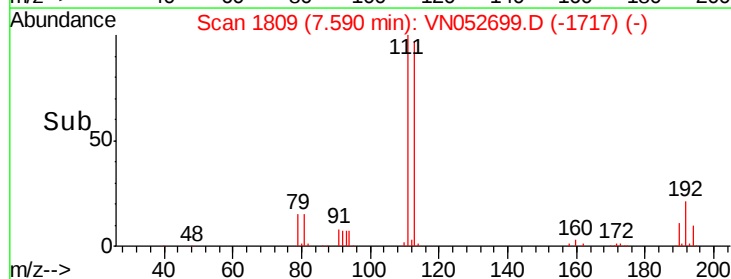
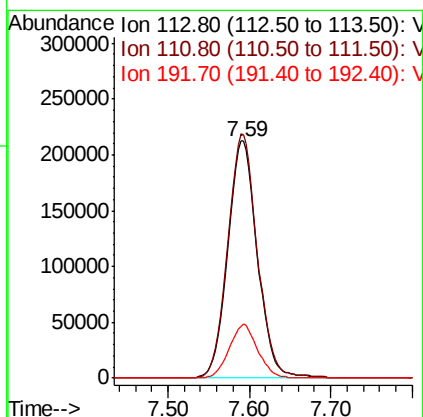
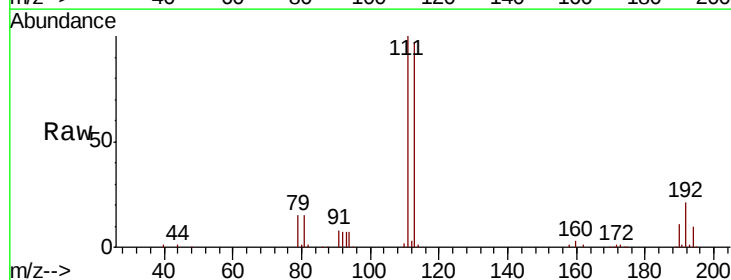
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	15.6	0.0	31.6

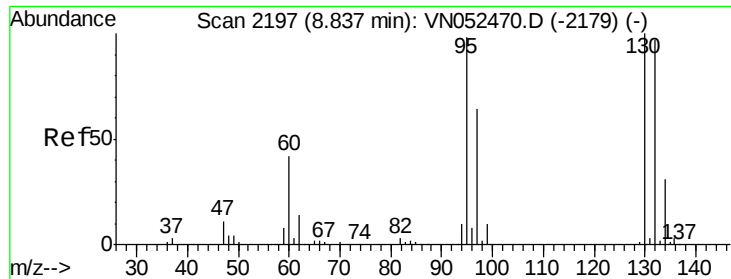


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Tgt Ion:113 Resp: 539153

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	22.0	17.0	25.6





#44

Trichloroethene

Concen: 0.527 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampled :

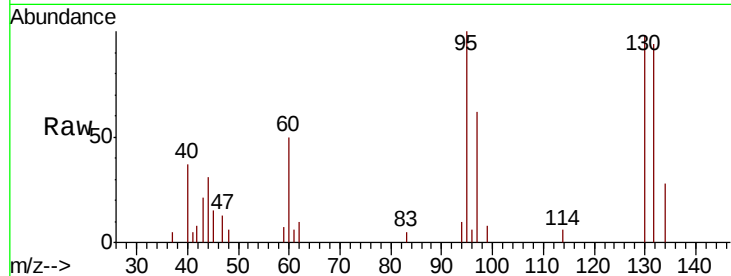
TW-2

Tot Ion:130 Resp: 6601

Ion Ratio Lower Upper

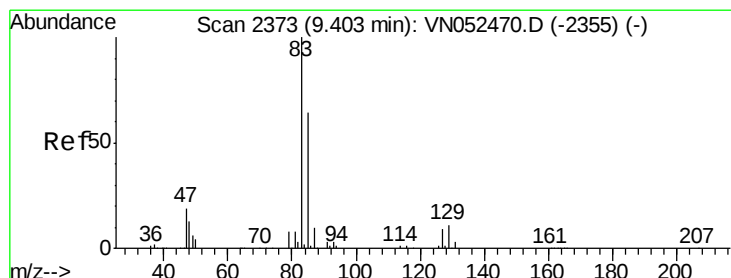
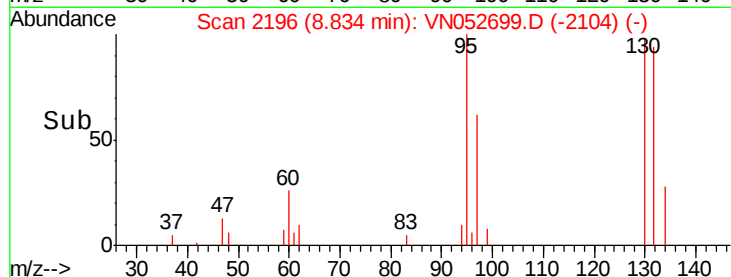
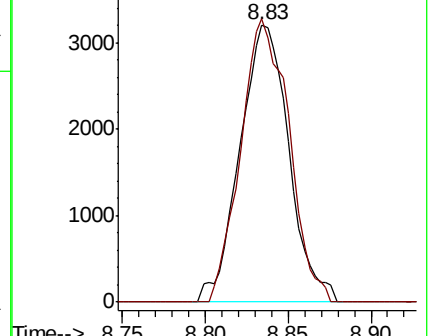
130 100

95 102.1 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#47

Bromodichloromethane

Concen: 0.701 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

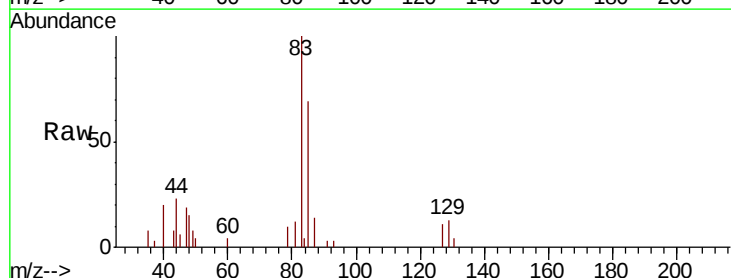
Tgt Ion: 83 Resp: 10967

Ion Ratio Lower Upper

83 100

85 68.6 51.3 76.9

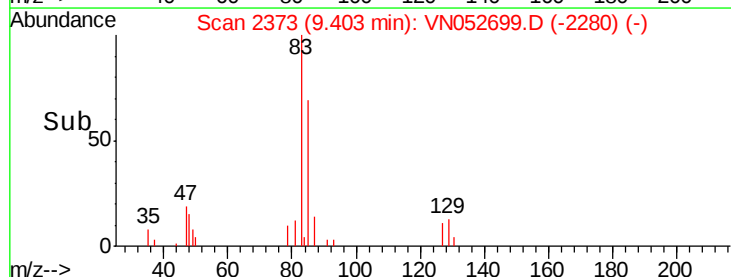
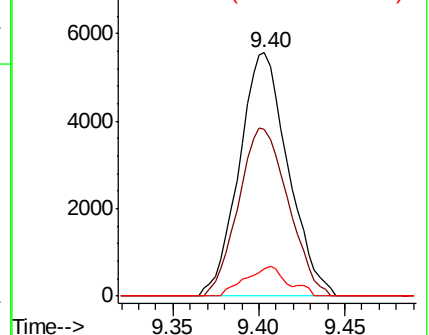
127 11.1 6.9 10.3#

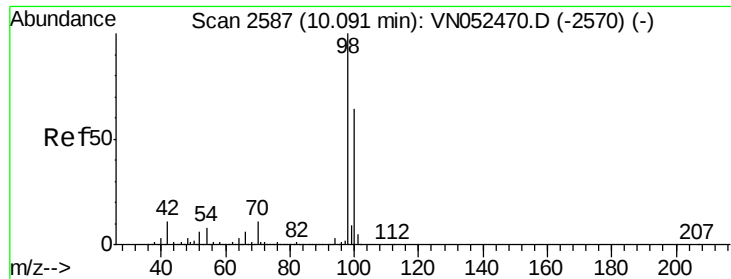


Abundance Ion 82.90 (82.60 to 83.60): VN

Ion 84.90 (84.60 to 85.60): VN

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampled :

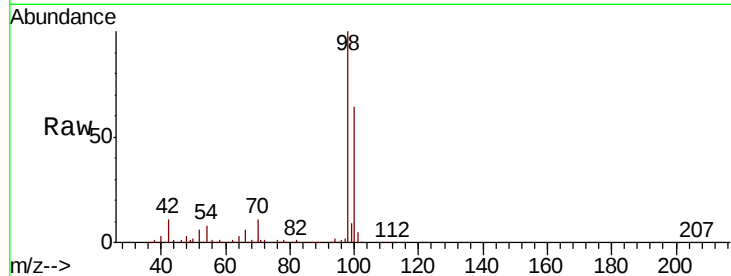
TW-2

Tot Ion: 98 Resp: 2111554

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052699.D (-2494) (-)

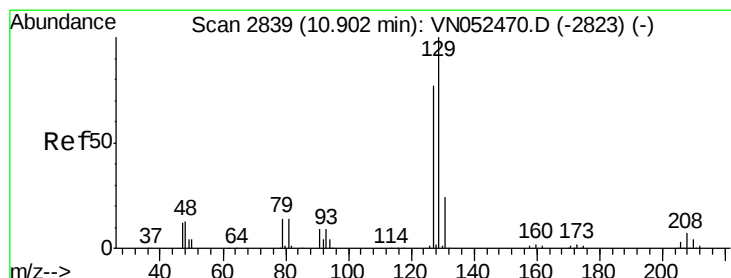
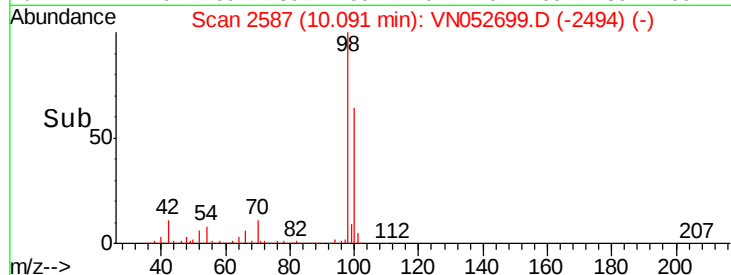
10.09

1000000

500000

0

Time-->



#60

Dibromochloromethane

Concen: 0.303 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.01 min

Lab File: VN052699.D

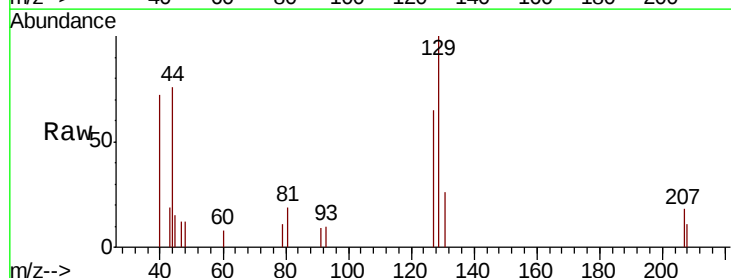
Acq: 6 Dec 2018 15:00

Tgt Ion: 129 Resp: 3364

Ion Ratio Lower Upper

129 100

127 70.6 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): VN052470.D (-2823) (-)

Ion 126.80 (126.50 to 127.50): VN052699.D (-2746) (-)

10.91

2000

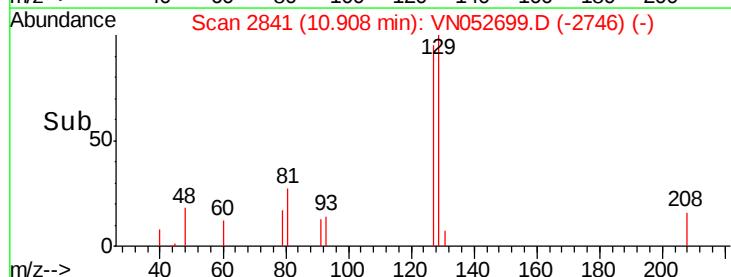
1500

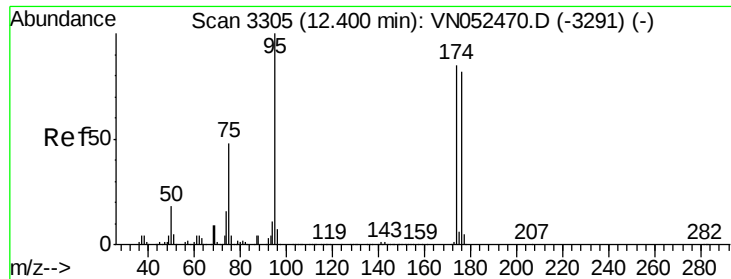
1000

500

0

Time-->

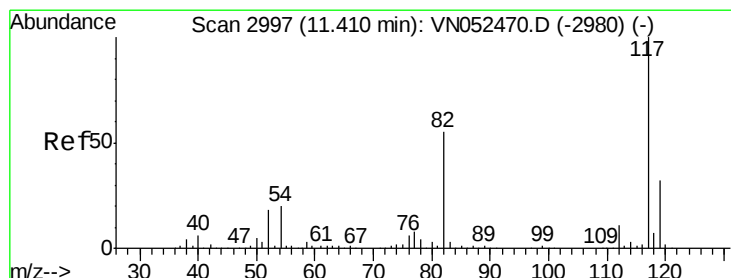
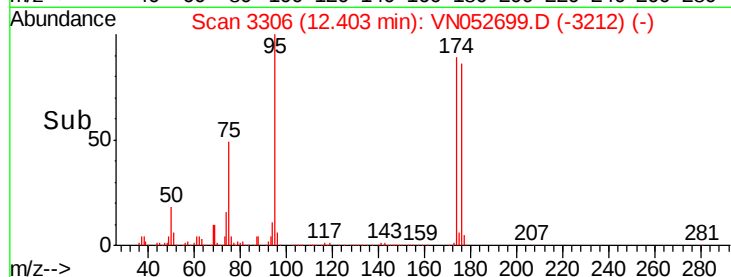
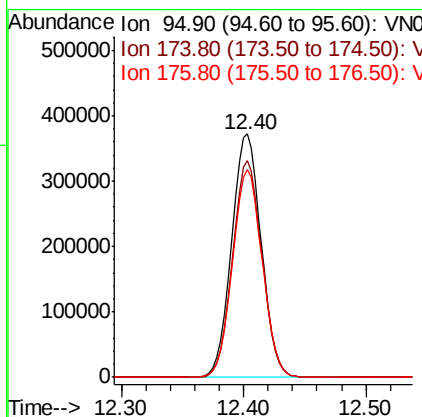
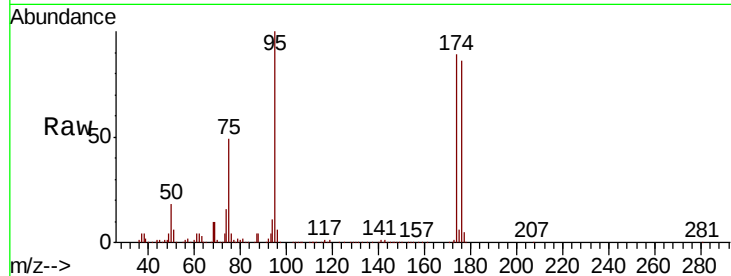




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

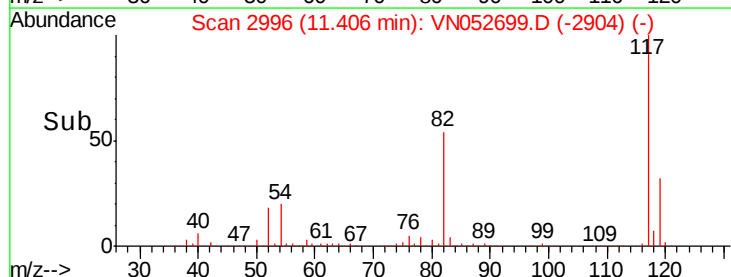
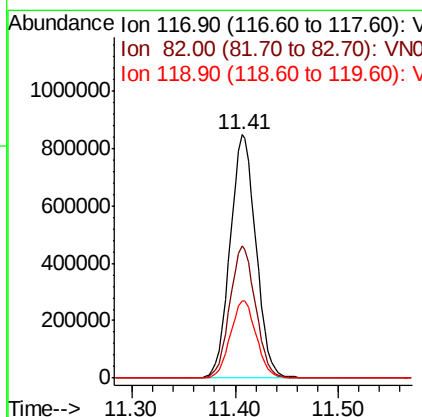
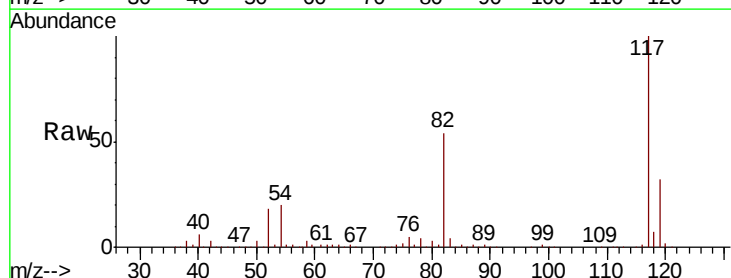
Instrument :
MSVOA_N
ClientSampled :
TW-2

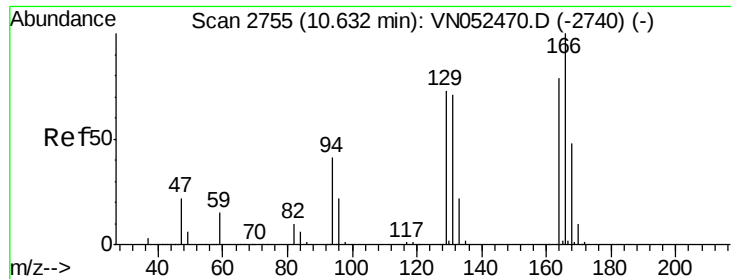
Tot Ion: 95 Resp: 625775
Ion Ratio Lower Upper
95 100
174 88.6 0.0 173.0
176 85.6 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion: 117 Resp: 1479011
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.8 25.4 38.2

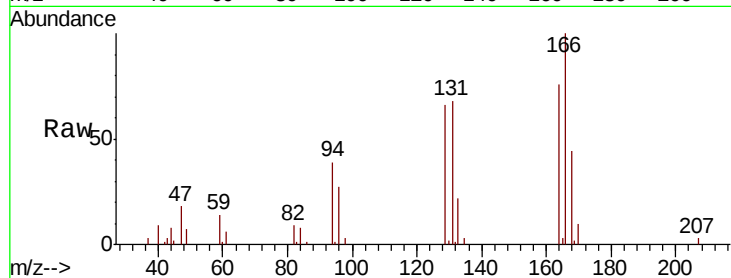




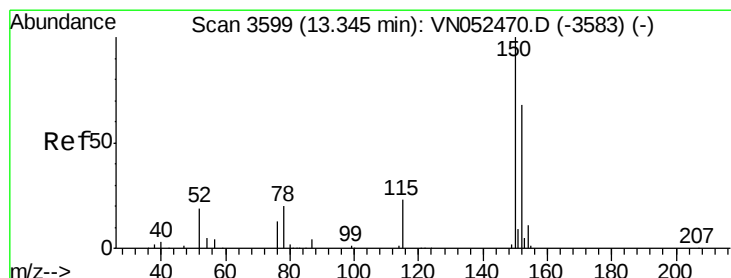
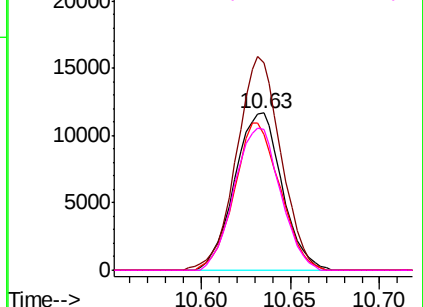
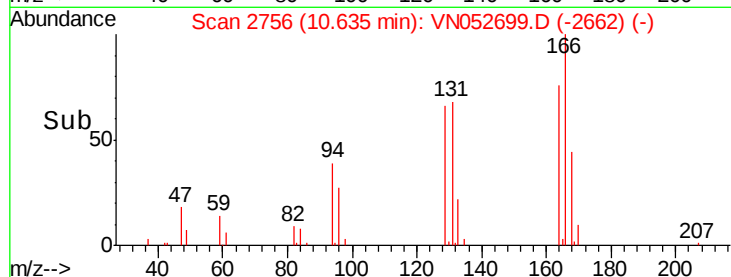
#64
Tetrachloroethene
Concen: 1.889 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Instrument :
MSVOA_N
ClientSampleID :
TW-2

Tot Ion:164 Resp: 21656
Ion Ratio Lower Upper
164 100
166 132.2 101.0 151.4
129 86.8 73.8 110.6
131 89.3 71.2 106.8

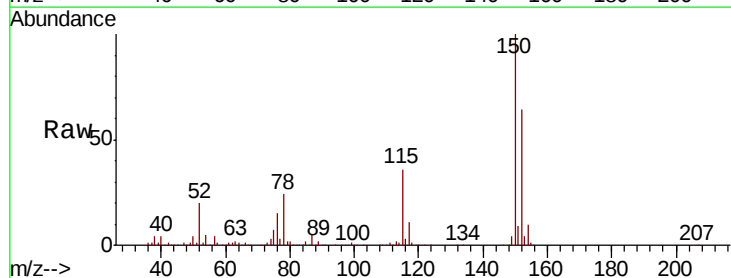


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

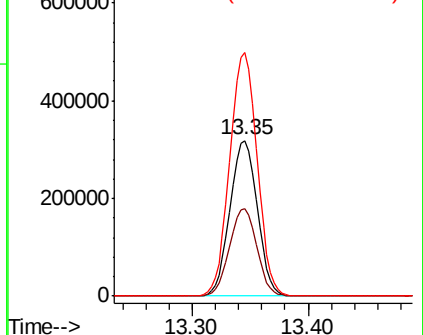
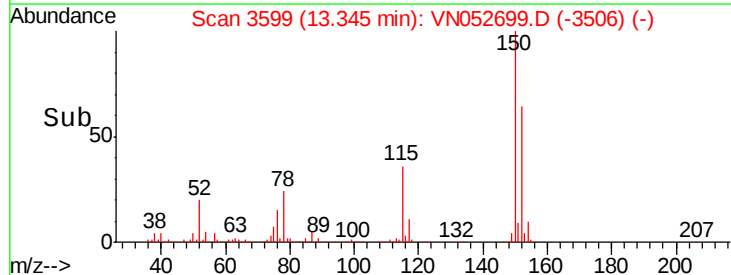


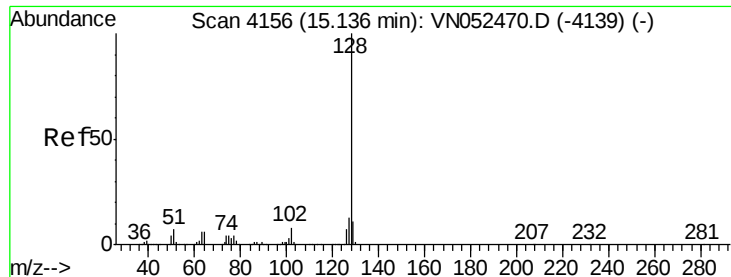
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion:152 Resp: 516744
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 157.1 0.0 346.0



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: 3.932 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Instrument :
MSVOA_N
ClientSampleId :
TW-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.2
129	9.5	8.7	13.1

