

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056258.D
 Acq On : 12 Jun 2019 19:01
 Operator : JC/SP
 Sample : K3315-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20190610

Quant Time: Jun 13 05:41:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	488946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	480942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155155	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	162211	50.03	ug/l	0.00
Spiked Amount						
			Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	155867	51.96	ug/l	0.00
Spiked Amount						
			Recovery	=	103.92%	
50) Toluene-d8	10.09	98	606354	52.53	ug/l	0.00
Spiked Amount						
			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	190673	48.57	ug/l	0.00
Spiked Amount						
			Recovery	=	97.14%	

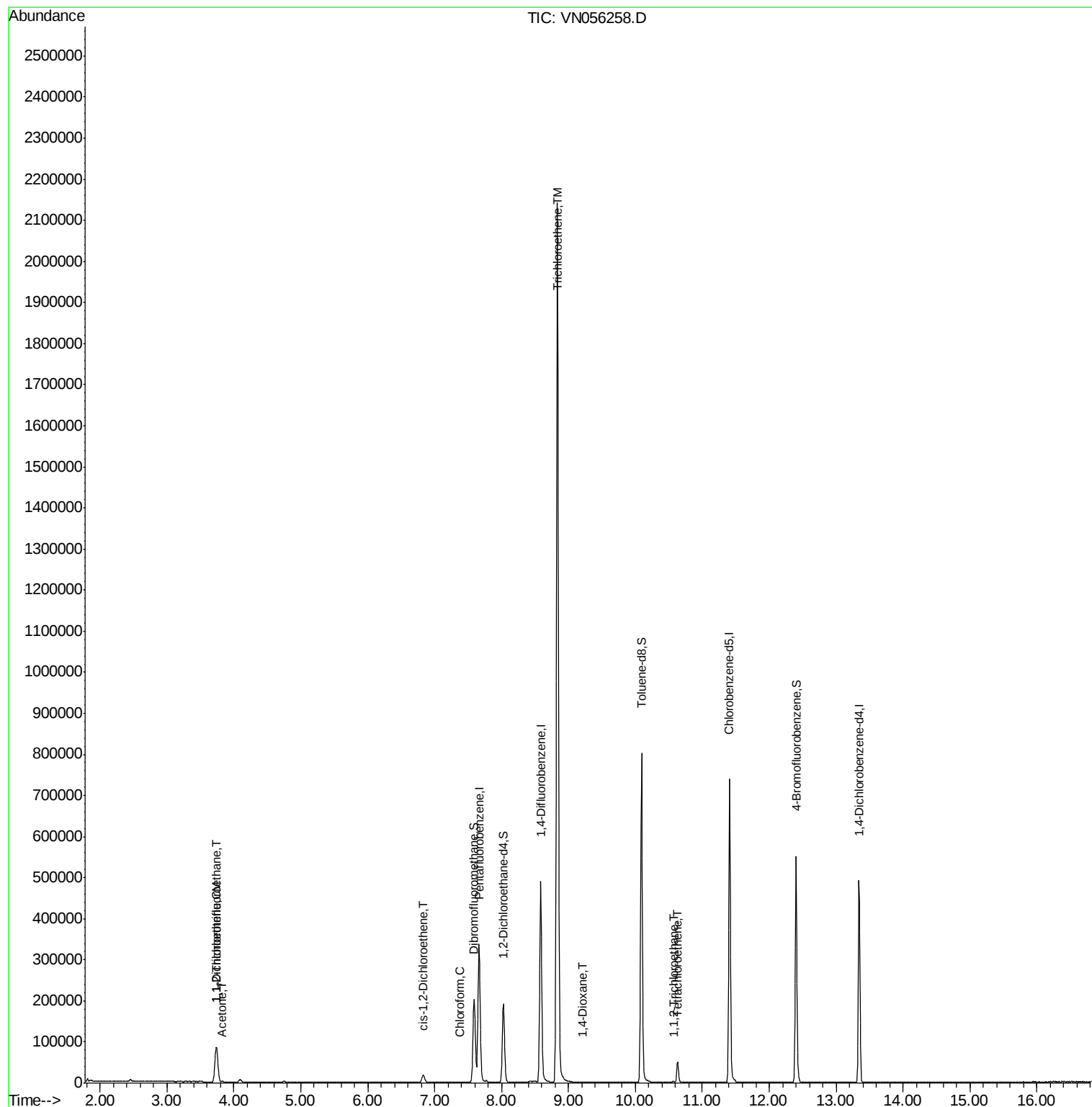
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.74	101	45748	16.614	ug/l	97
12) 1,1-Dichloroethene	3.73	96	13590	4.957	ug/l	94
16) Acetone	3.83	43	3528	2.275	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	13198	3.823	ug/l	84
30) Chloroform	7.37	83	1980	0.381	ug/l #	80
44) Trichloroethene	8.83	130	884286	241.001	ug/l	99
49) 1,4-Dioxane	9.21	88	1254	19.586	ug/l	88
55) 1,1,2-Trichloroethane	10.56	97	1029	0.327	ug/l #	88
64) Tetrachloroethene	10.63	164	14090	3.385	ug/l	98

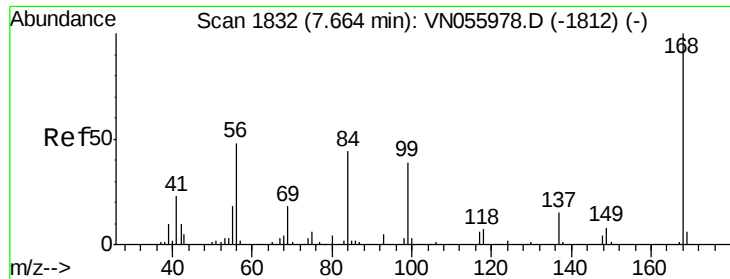
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

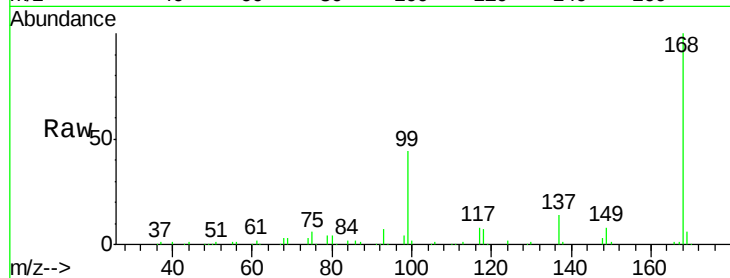
RE125D2-20190610

Tot Ion:168 Resp: 326549

Ion Ratio Lower Upper

168 100

99 44.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

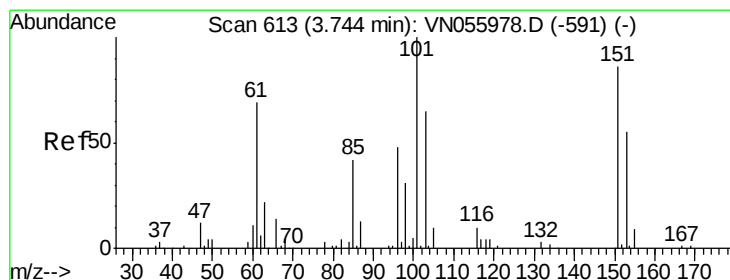
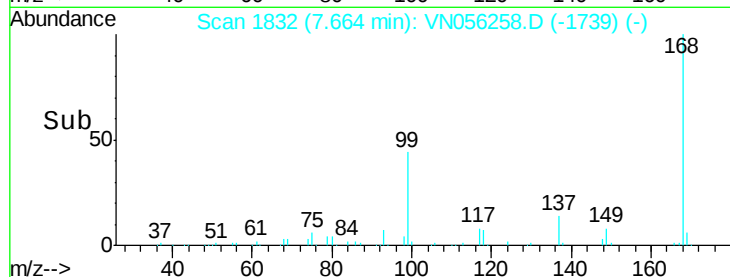
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.614 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

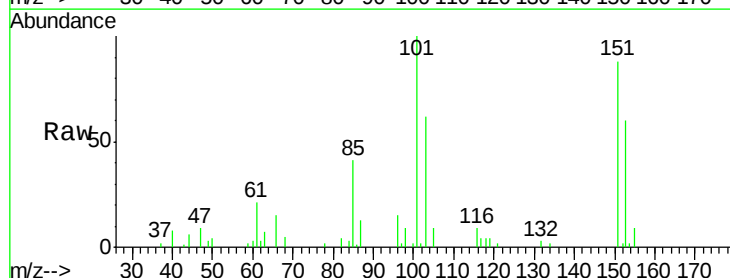
Tgt Ion:101 Resp: 45748

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

151 90.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

20000

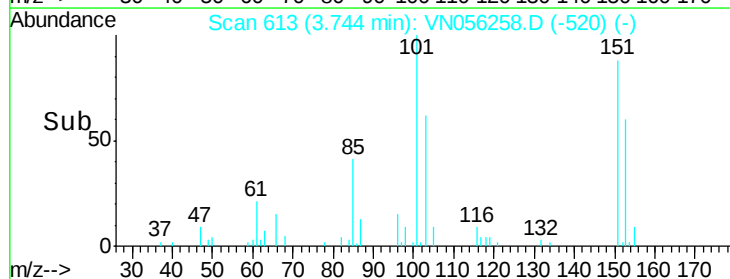
15000

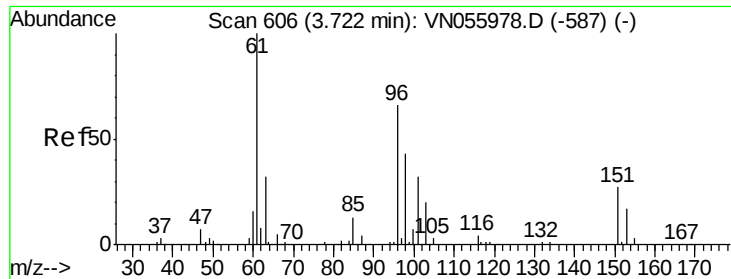
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5000

0

Time-->

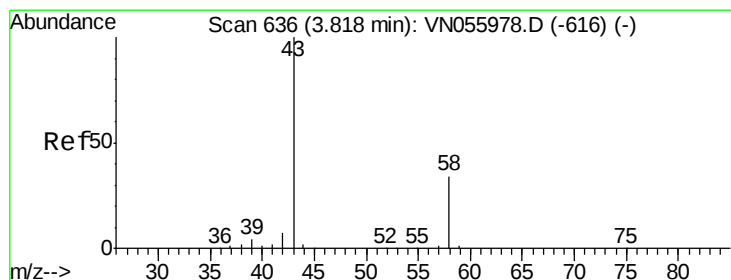
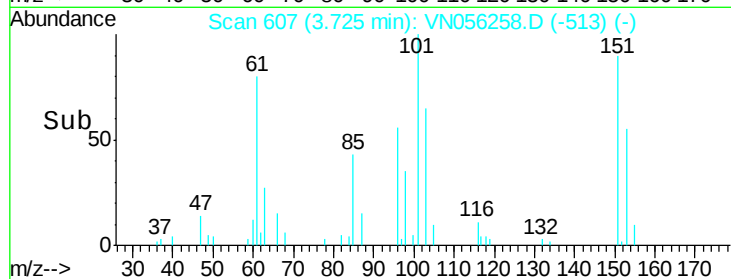
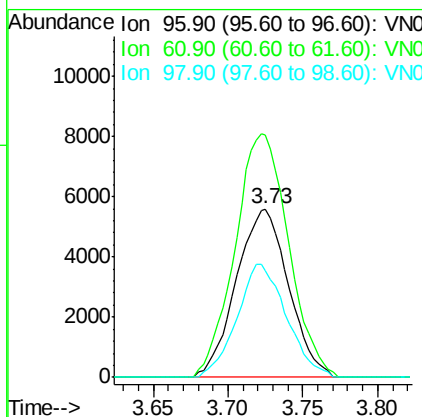
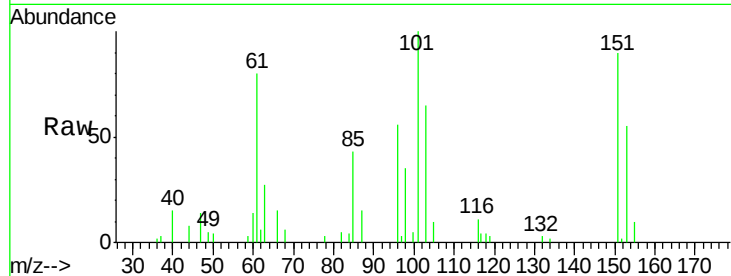




#12
 1,1-Dichloroethene
 Concen: 4.957 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

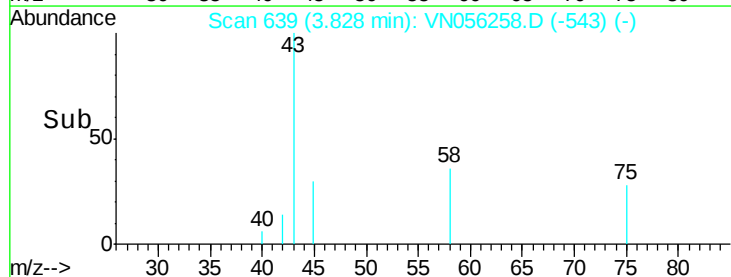
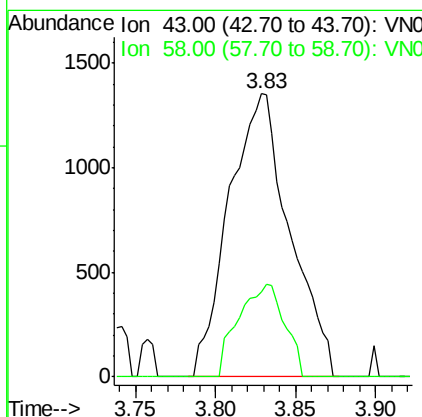
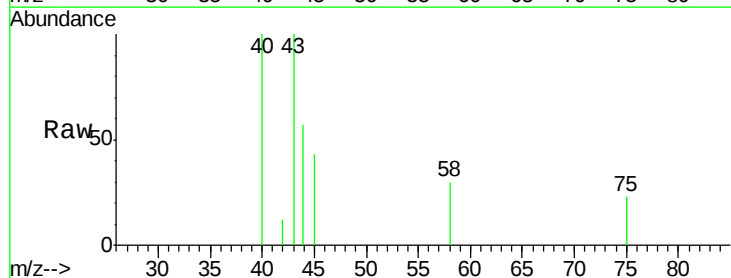
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20190610

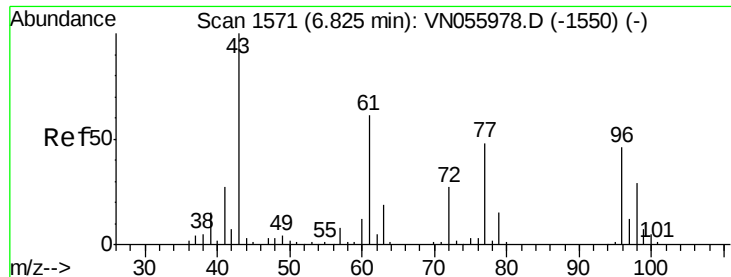
Tot Ion: 96 Resp: 13590
 Ion Ratio Lower Upper
 96 100
 61 143.5 123.2 184.8
 98 62.9 50.4 75.6



#16
 Acetone
 Concen: 2.275 ug/l
 RT: 3.83 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Tgt Ion: 43 Resp: 3528
 Ion Ratio Lower Upper
 43 100
 58 29.8 26.6 39.8





#27

cis-1,2-Dichloroethene

Concen: 3.823 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20190610

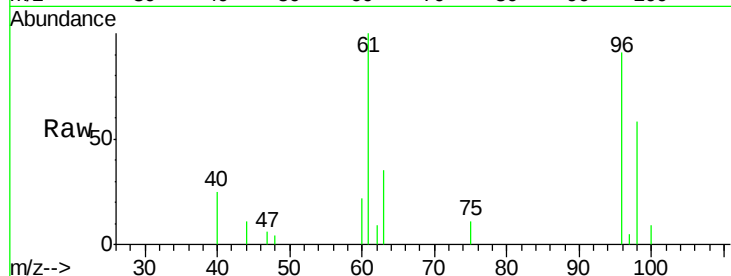
Tot Ion: 96 Resp: 13198

Ion Ratio Lower Upper

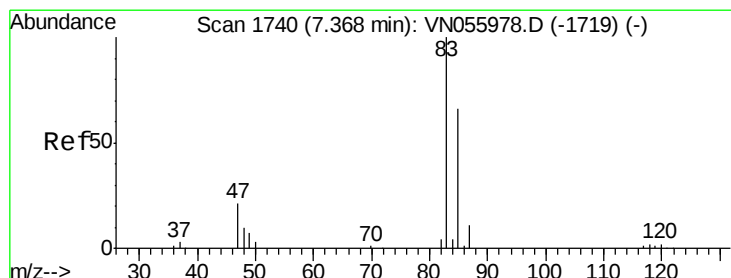
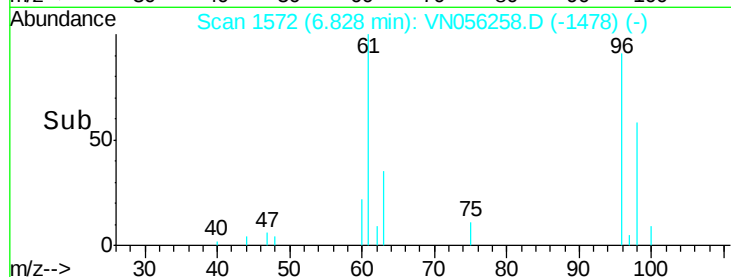
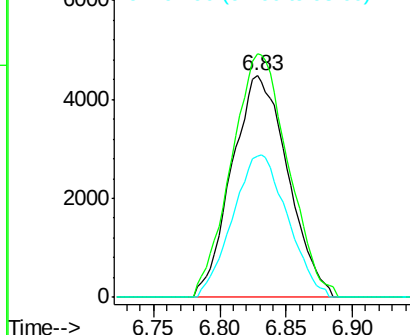
96 100

61 111.2 0.0 275.8

98 62.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#30

Chloroform

Concen: 0.381 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056258.D

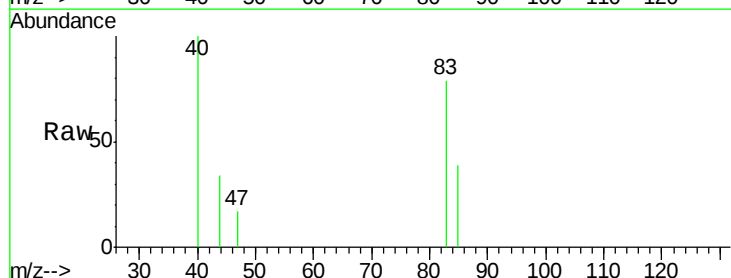
Acq: 12 Jun 2019 19:01

Tgt Ion: 83 Resp: 1980

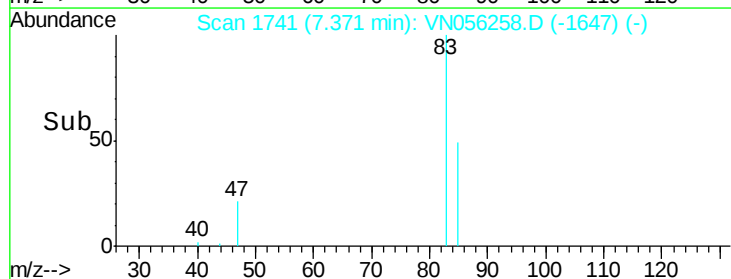
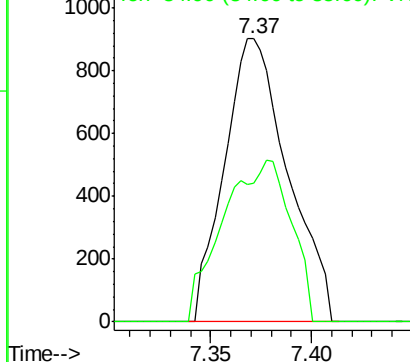
Ion Ratio Lower Upper

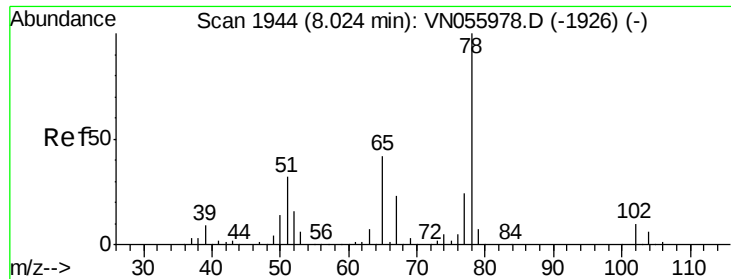
83 100

85 49.2 51.8 77.8#



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC

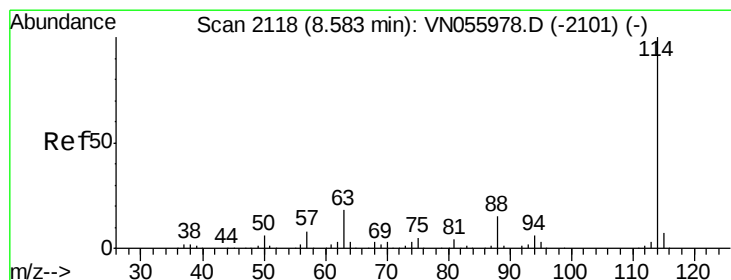
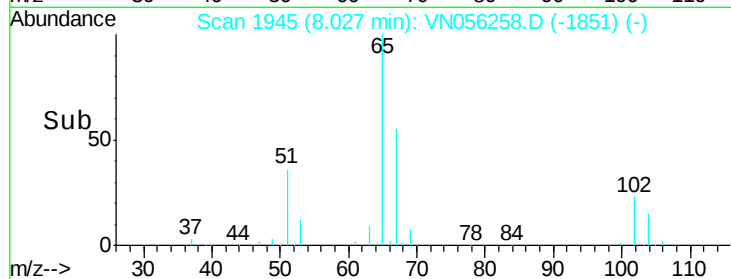
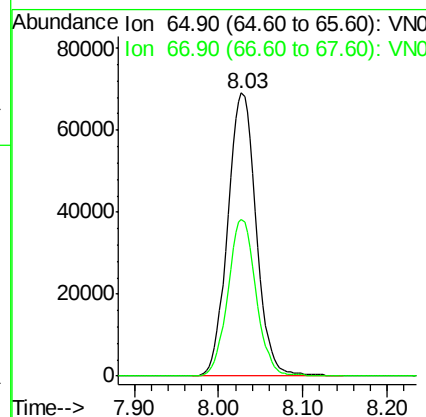
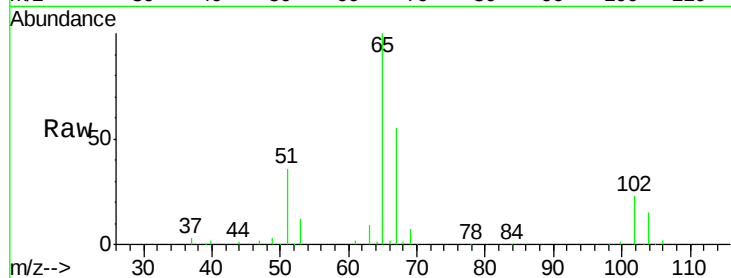




#33
 1,2-Dichloroethane-d4
 Concen: 50.029 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

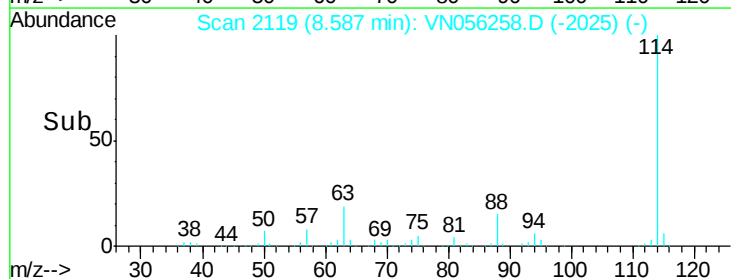
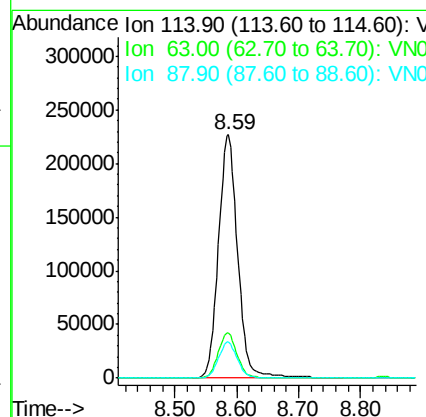
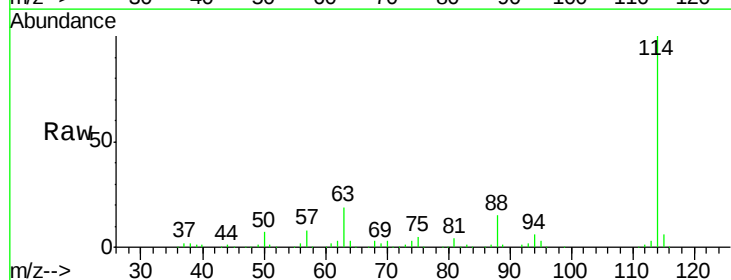
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20190610

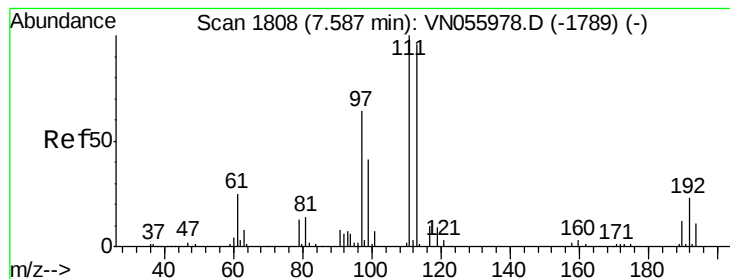
Tot Ion: 65 Resp: 162211
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056258.D
 Acq: 12 Jun 2019 19:01

Tgt Ion: 114 Resp: 488946
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.958 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20190610

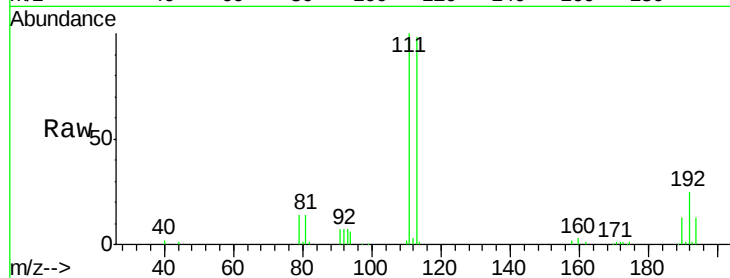
Tot Ion:113 Resp: 155867

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

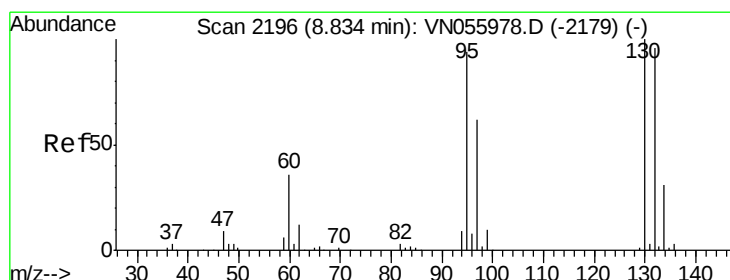
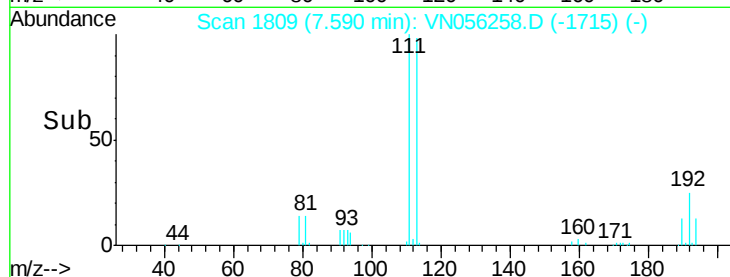
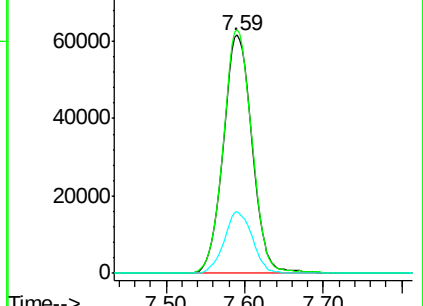
192 25.3 19.5 29.3



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



#44

Trichloroethene

Concen: 241.001 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056258.D

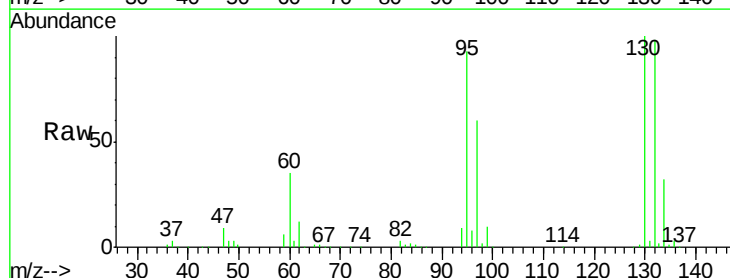
Acq: 12 Jun 2019 19:01

Tgt Ion:130 Resp: 884286

Ion Ratio Lower Upper

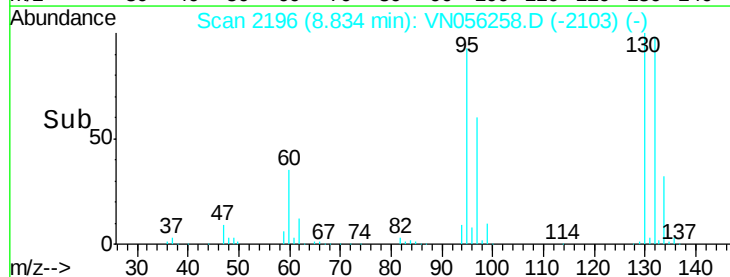
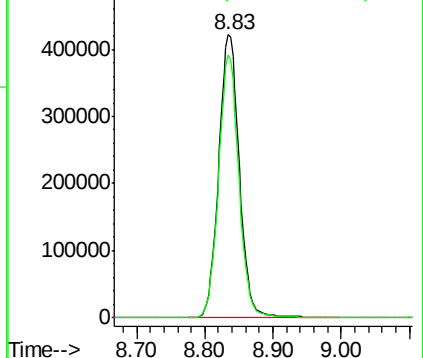
130 100

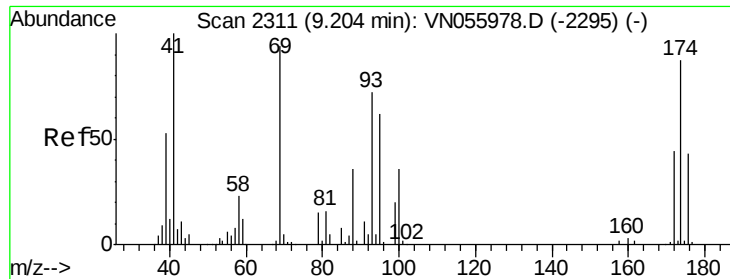
95 93.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

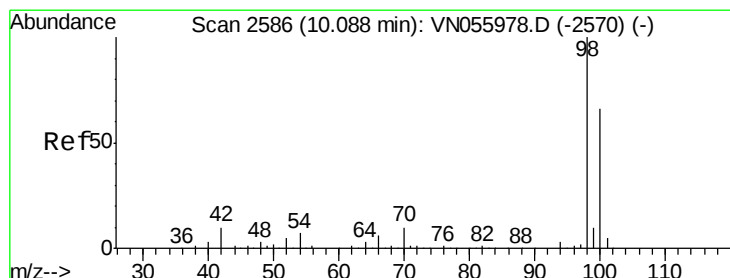
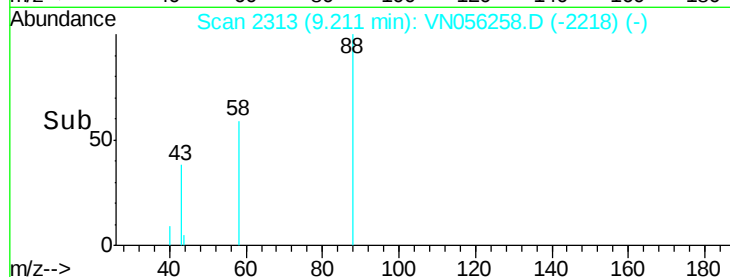
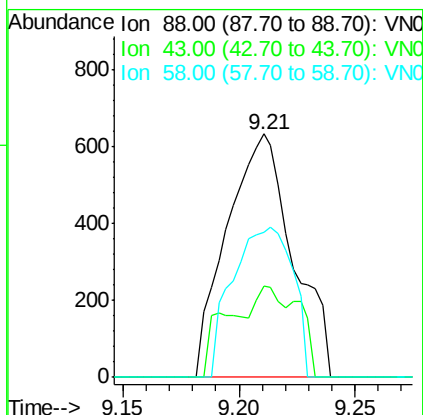
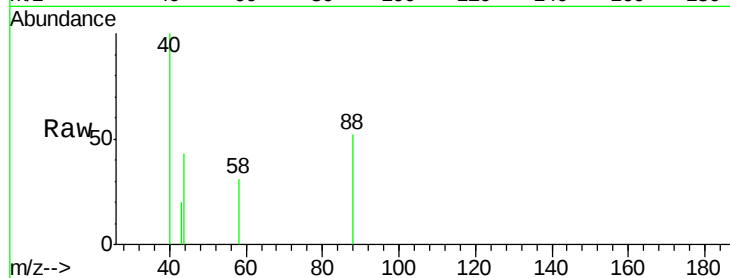




#49
1,4-Dioxane
Concen: 19.586 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

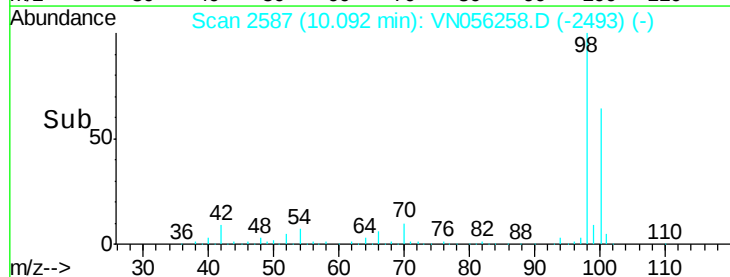
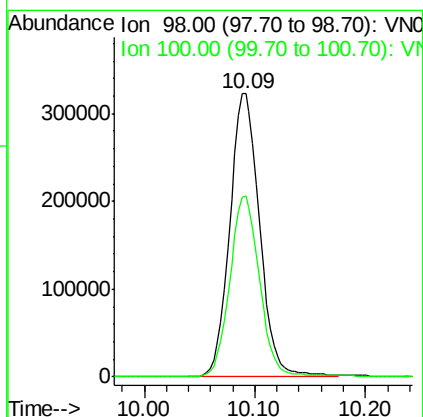
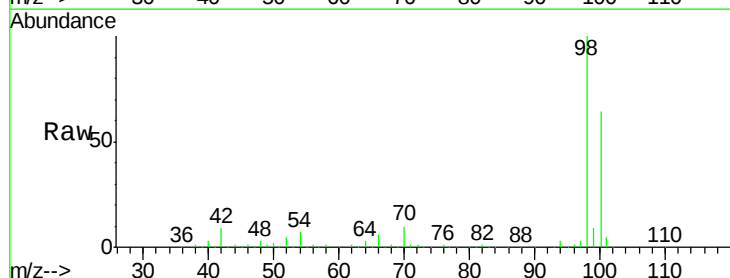
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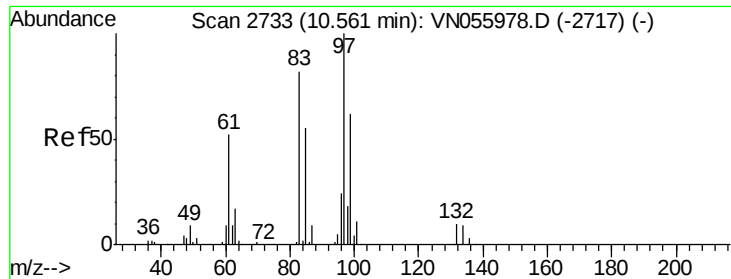
Tot Ion: 88 Resp: 1254
Ion Ratio Lower Upper
88 100
43 24.6 20.5 30.7
58 56.5 55.8 83.6



#50
Toluene-d8
Concen: 52.528 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

Tgt Ion: 98 Resp: 606354
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9





#55

1,1,2-Trichloroethane

Concen: 0.327 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20190610

Tot Ion: 97 Resp: 1029

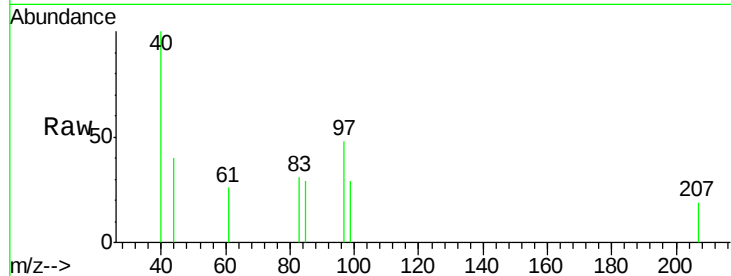
Ion Ratio Lower Upper

97 100

83 64.0 67.0 100.6#

85 59.1 44.0 66.0

99 60.5 50.6 75.8

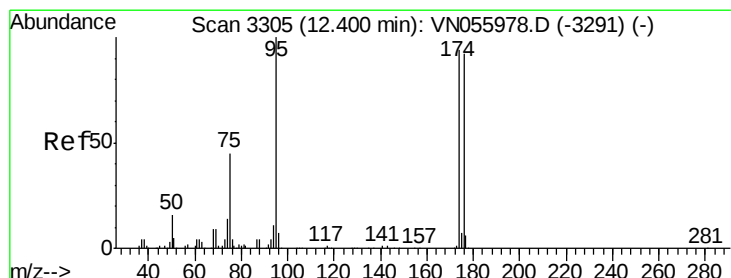
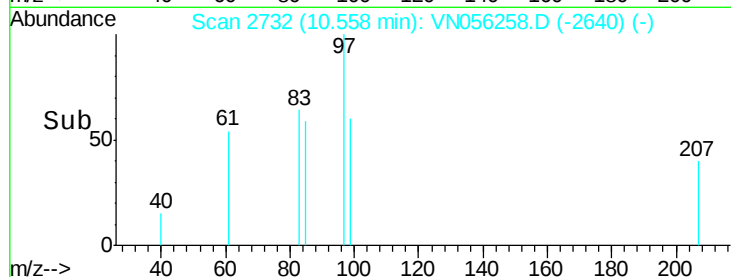
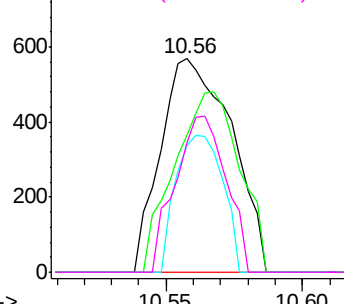


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#62

4-Bromofluorobenzene

Concen: 48.571 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056258.D

Acq: 12 Jun 2019 19:01

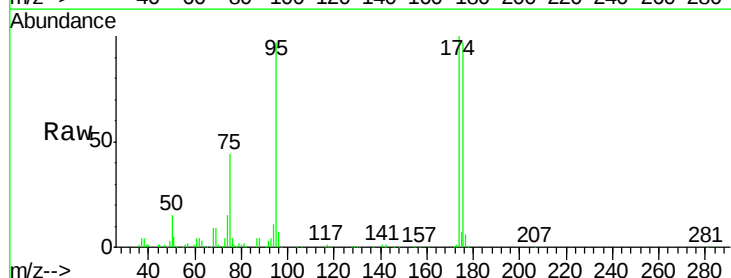
Tgt Ion: 95 Resp: 190673

Ion Ratio Lower Upper

95 100

174 102.7 0.0 191.0

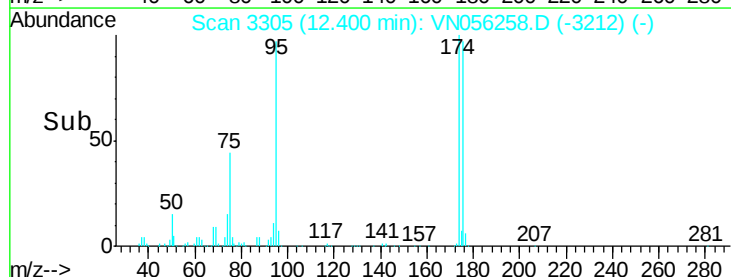
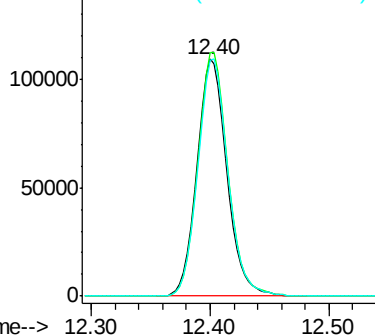
176 100.0 0.0 185.2

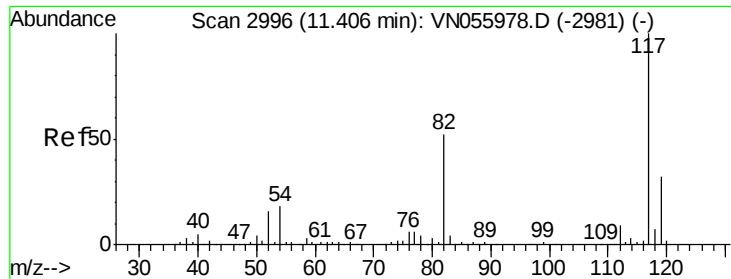


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

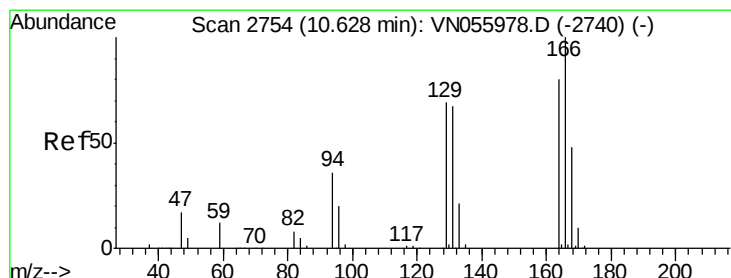
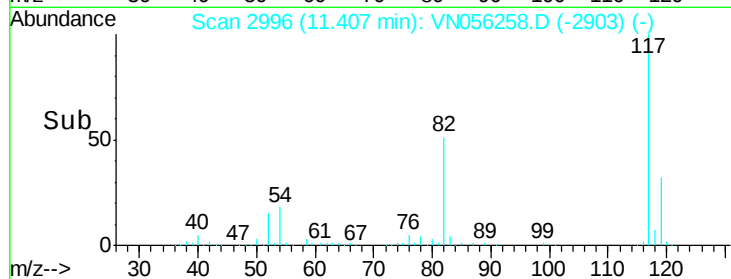
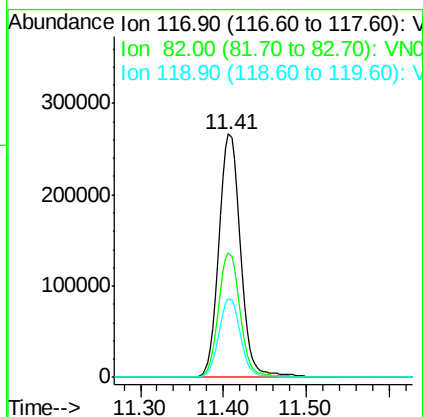
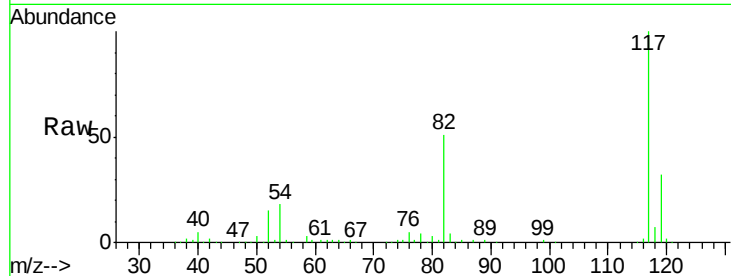




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

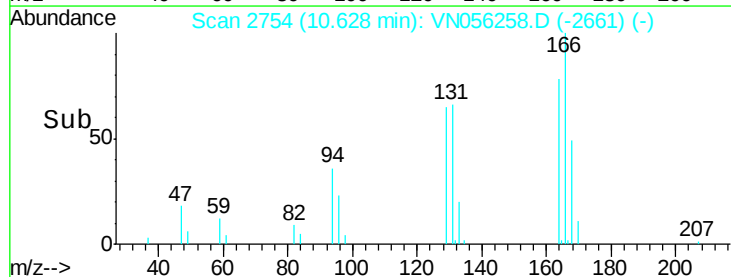
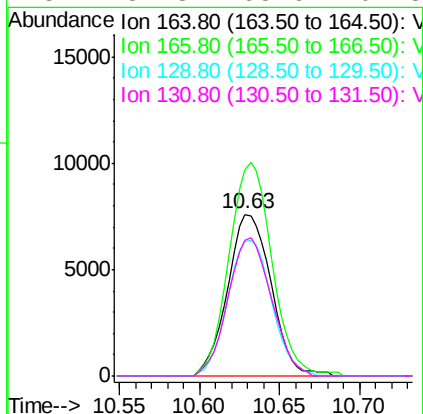
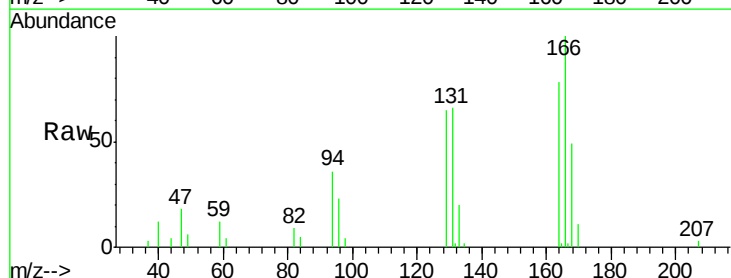
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20190610

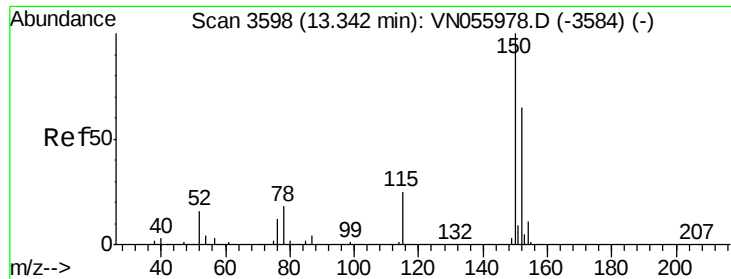
Tot Ion:117 Resp: 480942
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 3.385 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056258.D
Acq: 12 Jun 2019 19:01

Tgt Ion:164 Resp: 14090
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 83.4 70.6 105.8
131 84.3 68.6 102.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056258.D

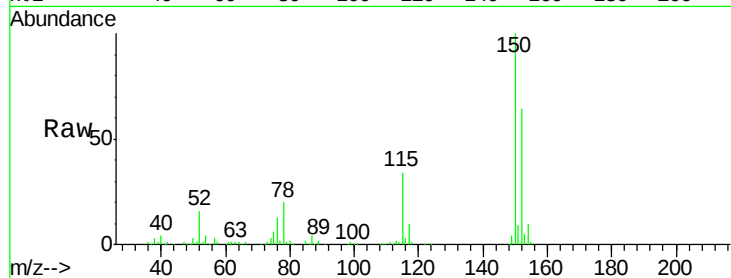
Acq: 12 Jun 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20190610



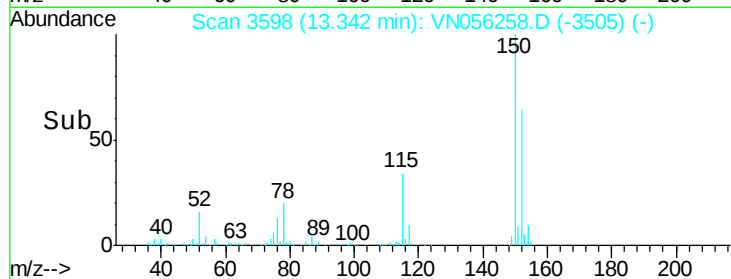
Tot Ion:152 Resp: 155155

Ion Ratio Lower Upper

152 100

115 52.4 27.0 81.0

150 157.7 0.0 343.2



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

