

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056125.D
 Acq On : 8 Jun 2019 2:26
 Operator : JC/SP
 Sample : K3223-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0532-190605DL

Quant Time: Jun 08 07:23:07 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

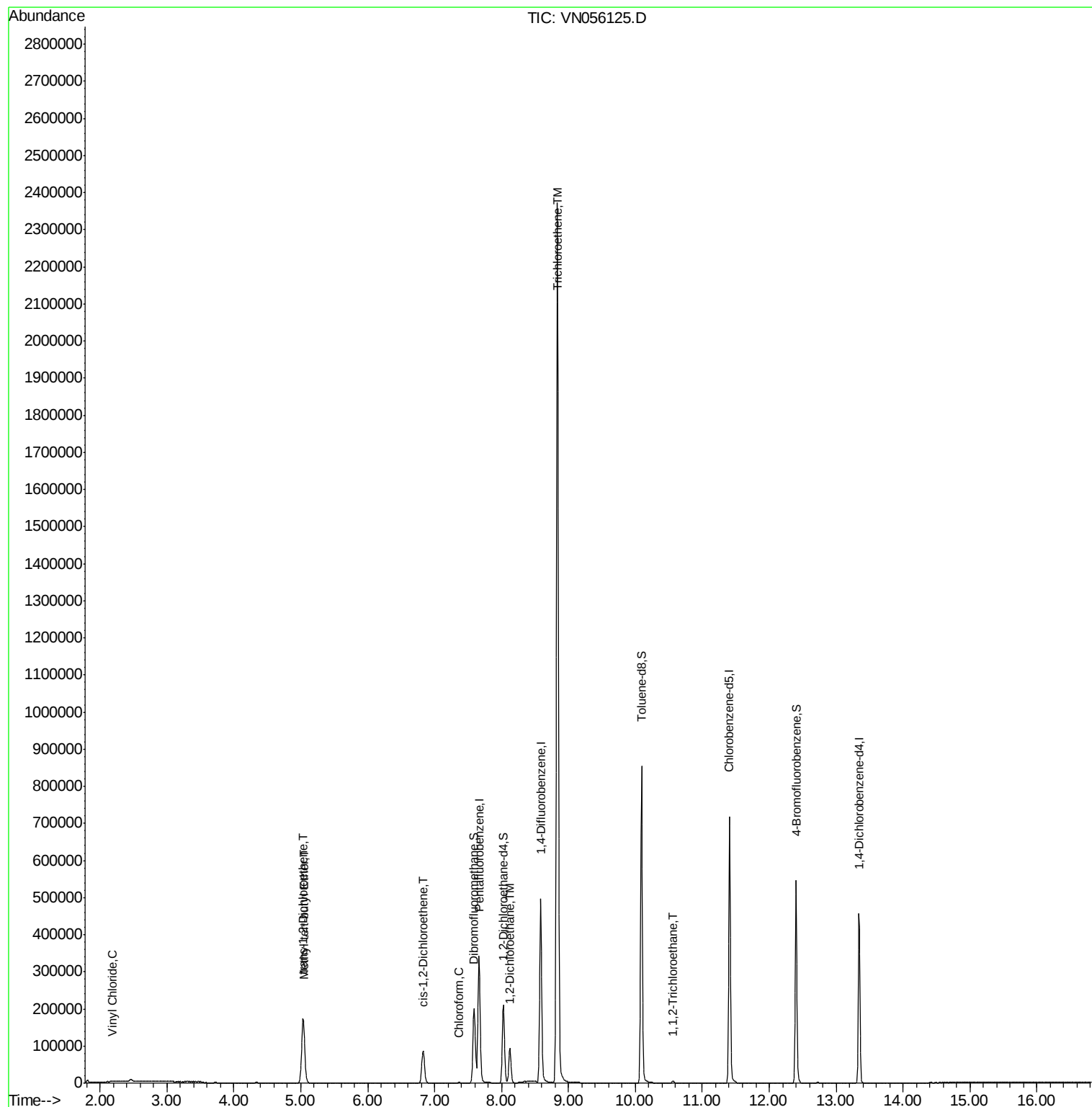
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	324565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	491330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	140751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	173899	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
35) Dibromofluoromethane	7.59	113	155720	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.09	98	638635	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.40	95	195388	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	1988	0.563	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	26817	3.088	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	115674	39.623	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	62221	18.132	ug/l	90
30) Chloroform	7.37	83	1620	0.314	ug/l	91
42) 1,2-Dichloroethane	8.12	62	88994	21.561	ug/l	99
44) Trichloroethene	8.83	130	969631	262.978	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	2202	0.696	ug/l	94

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

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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: VN056125.D

Acq: 8 Jun 2019 2:26

Instrument :

MSVOA_N

ClientSampleId :

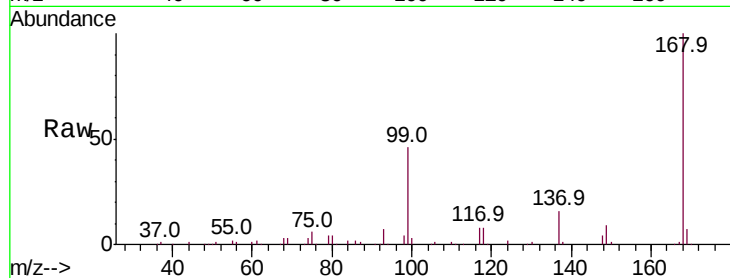
DUP-0532-190605DL

Tot Ion:168 Resp: 324565

Ion Ratio Lower Upper

168 100

99 46.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

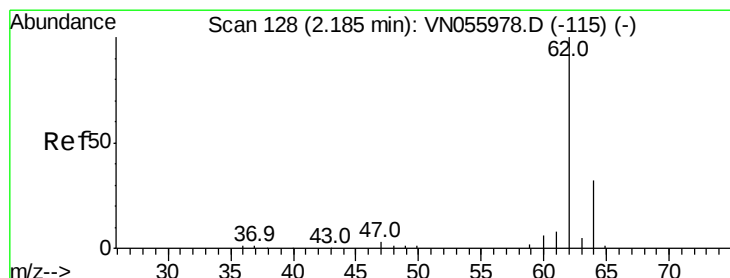
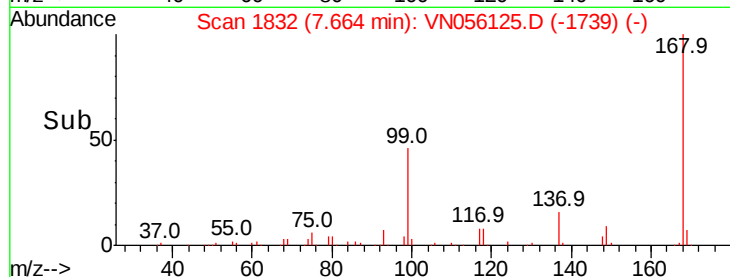
100000

50000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 0.563 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056125.D

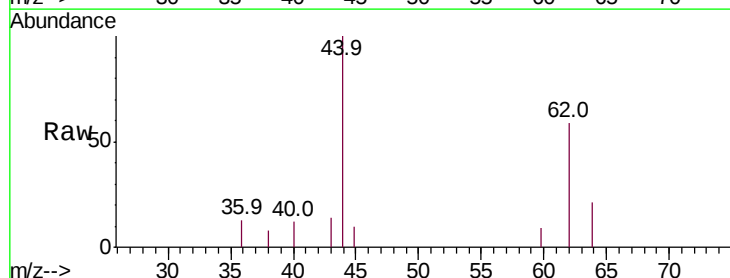
Acq: 8 Jun 2019 2:26

Tgt Ion: 62 Resp: 1988

Ion Ratio Lower Upper

62 100

64 35.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

1500

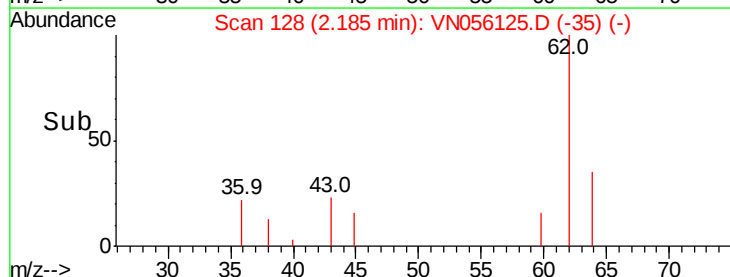
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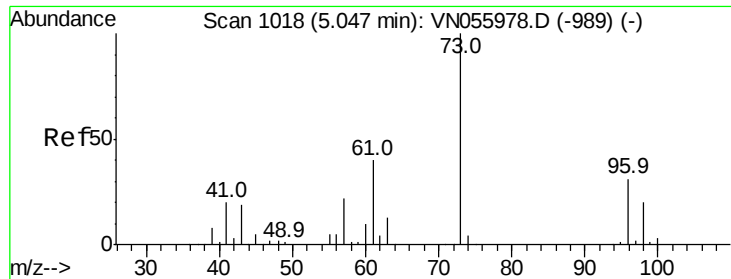
500

0

2.15 2.20

Time-->

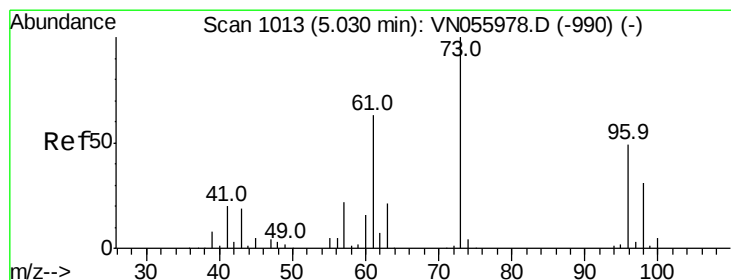
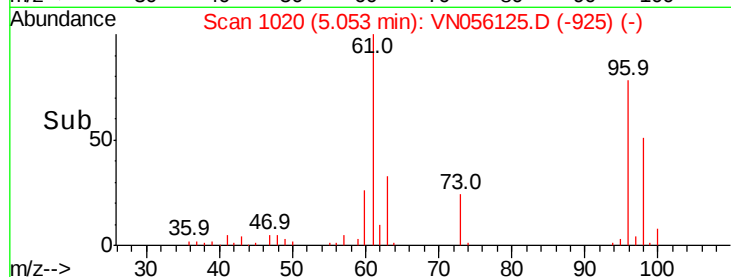
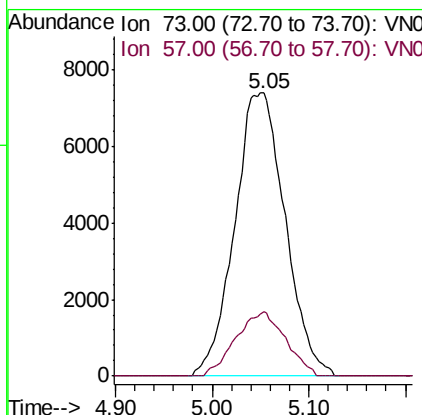
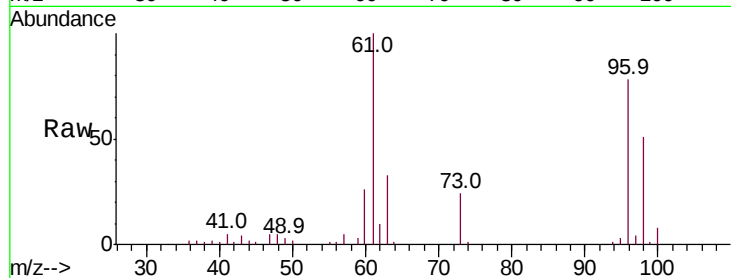




#19
Methvl tert-butvl Ether
Concen: 3.088 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN056125.D
Acq: 8 Jun 2019 2:26

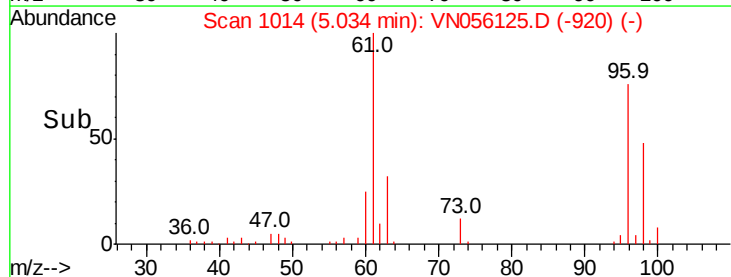
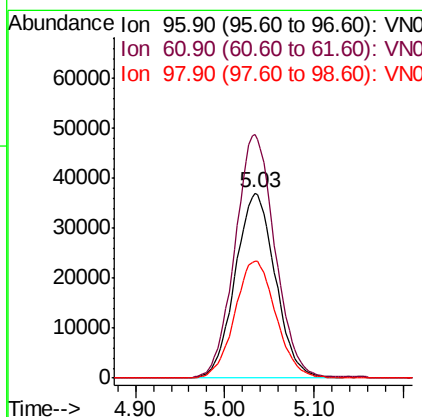
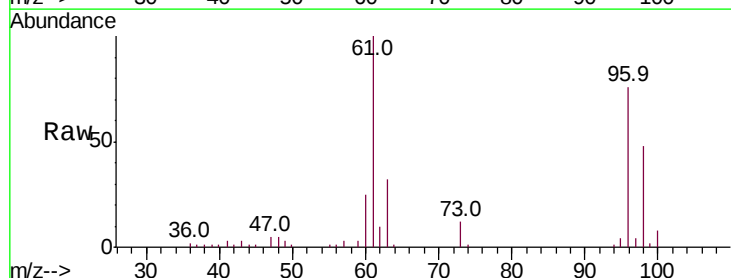
Instrument :
MSVOA_N
ClientSampleId :
DUP-0532-190605DL

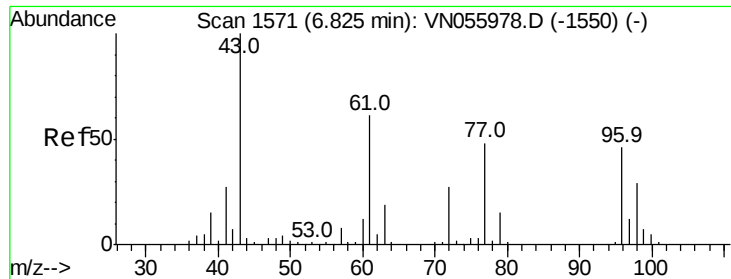
Tot Ion: 73 Resp: 26817
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8



#21
trans-1,2-Dichloroethene
Concen: 39.623 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056125.D
Acq: 8 Jun 2019 2:26

Tgt Ion: 96 Resp: 115674
Ion Ratio Lower Upper
96 100
61 131.4 107.8 161.8
98 63.0 49.8 74.8





#27

cis-1,2-Dichloroethene

Concen: 18.132 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056125.D

Acq: 8 Jun 2019 2:26

Instrument :

MSVOA_N

ClientSampleId :

DUP-0532-190605DL

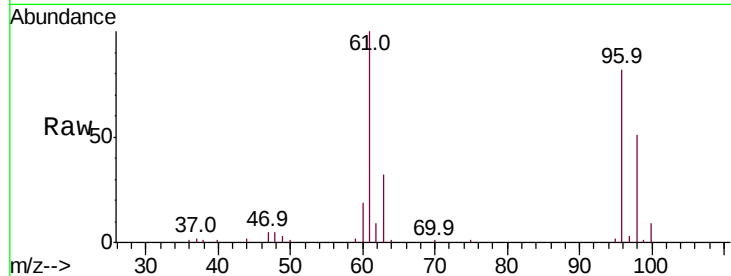
Tot Ion: 96 Resp: 62221

Ion Ratio Lower Upper

96 100

61 120.8 0.0 275.8

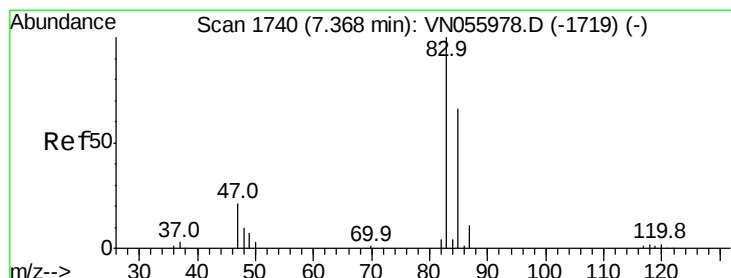
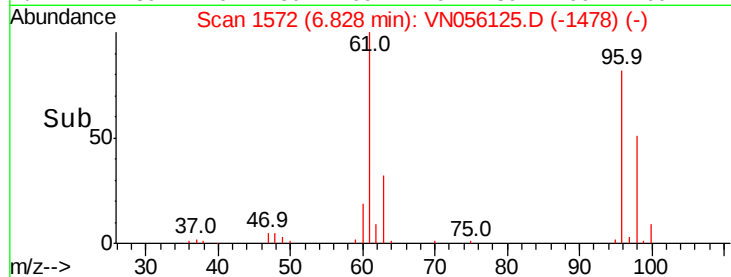
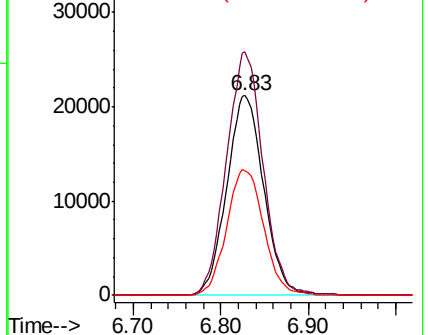
98 63.1 0.0 128.4



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



#30

Chloroform

Concen: 0.314 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VN056125.D

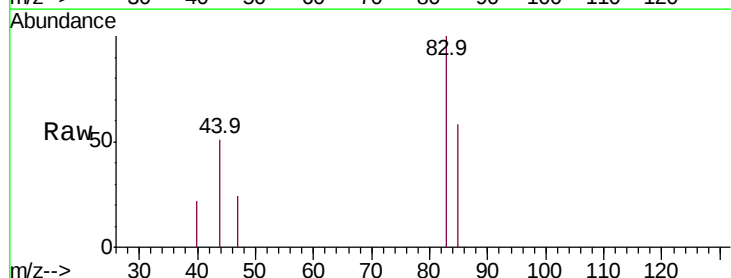
Acq: 8 Jun 2019 2:26

Tgt Ion: 83 Resp: 1620

Ion Ratio Lower Upper

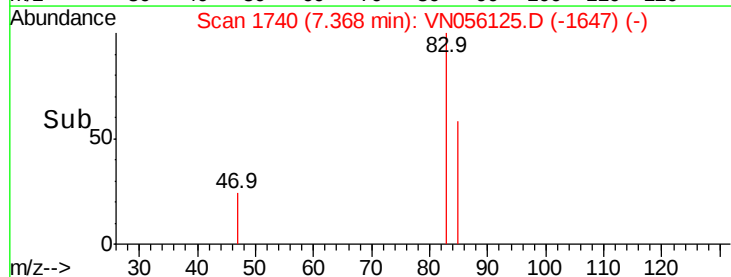
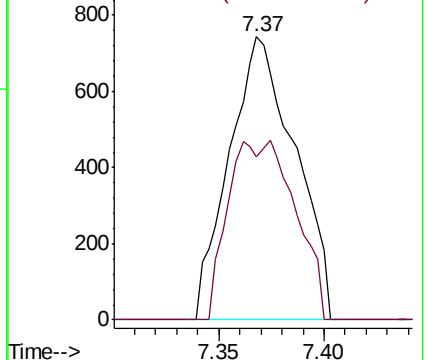
83 100

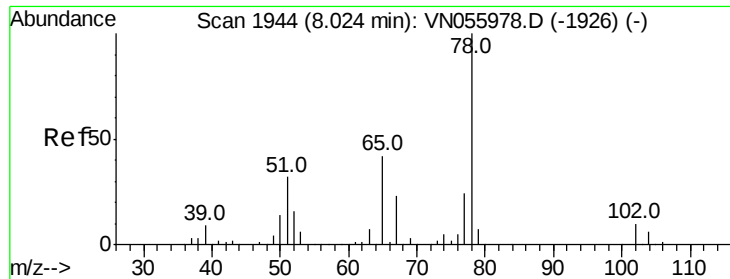
85 57.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

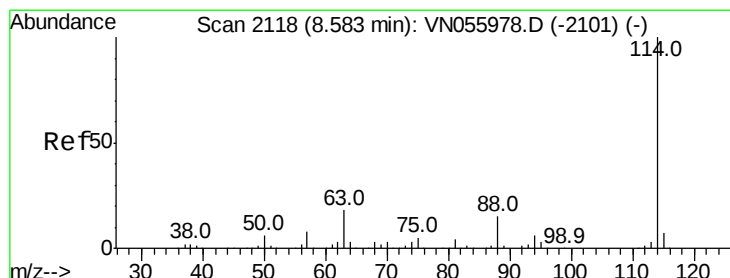
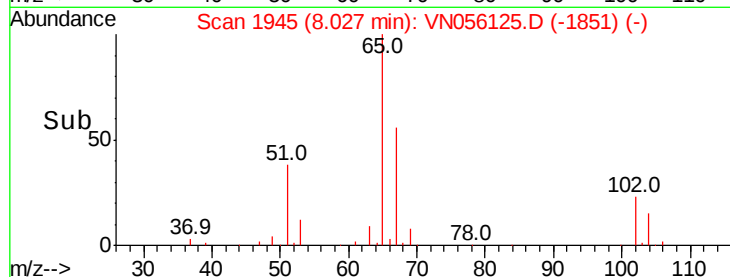
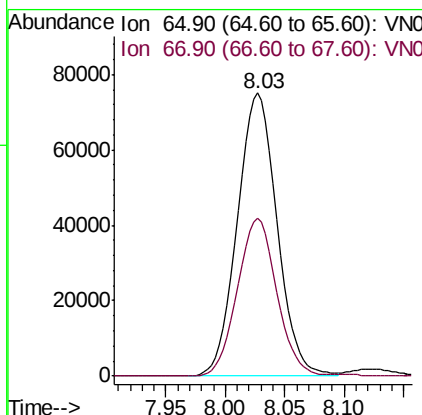
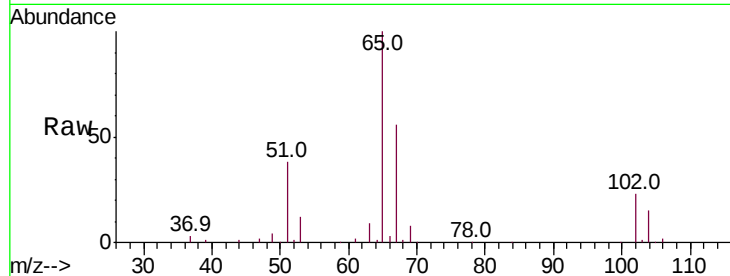




#33
 1,2-Dichloroethane-d4
 Concen: 53.961 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056125.D
 Acq: 8 Jun 2019 2:26

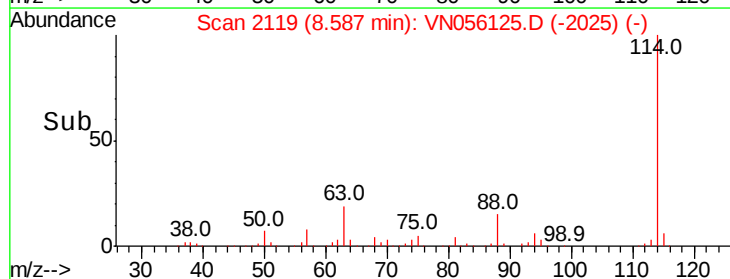
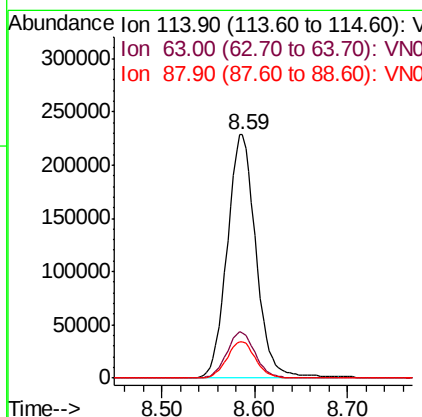
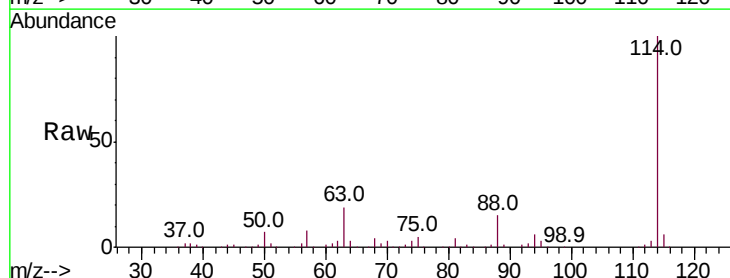
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0532-190605DL

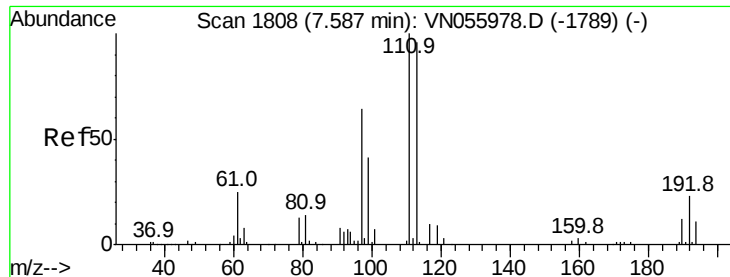
Tot Ion: 65 Resp: 173899
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056125.D
 Acq: 8 Jun 2019 2:26

Tgt Ion: 114 Resp: 491330
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 15.1 0.0 31.0

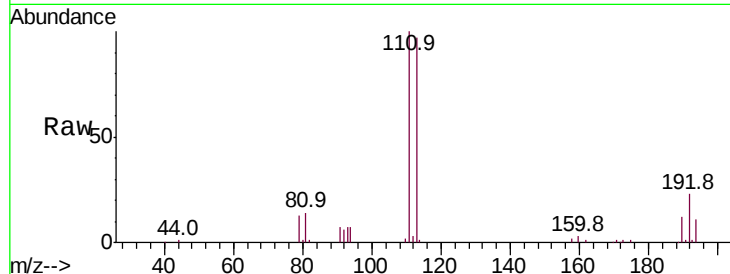




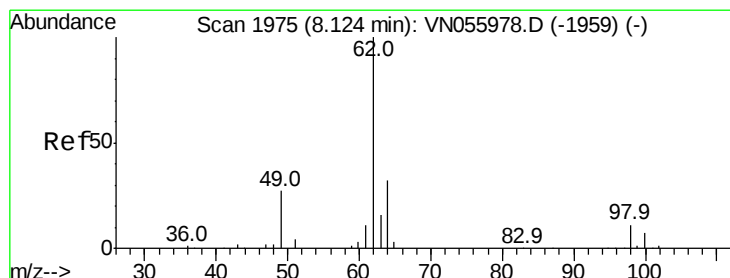
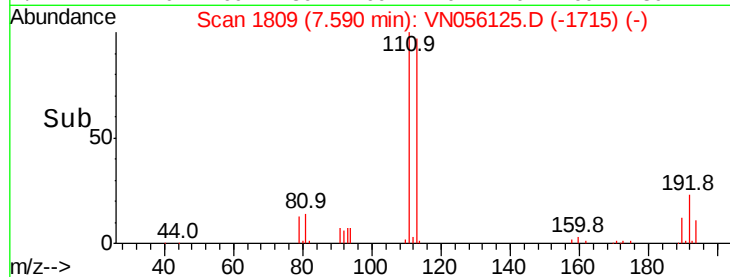
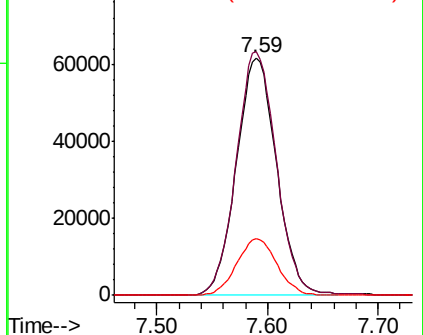
#35
 Dibromofluoromethane
 Concen: 51.657 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056125.D
 Acq: 8 Jun 2019 2:26

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0532-190605DL

Tot Ion:113 Resp: 155720
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 23.9 19.5 29.3

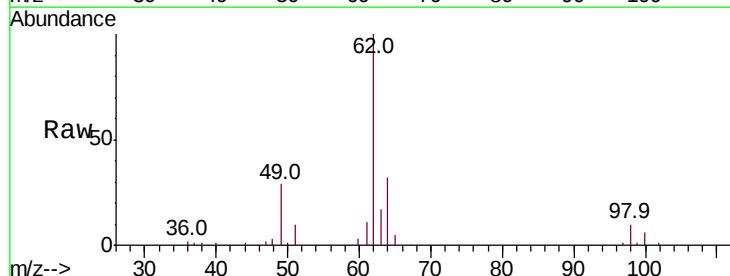


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

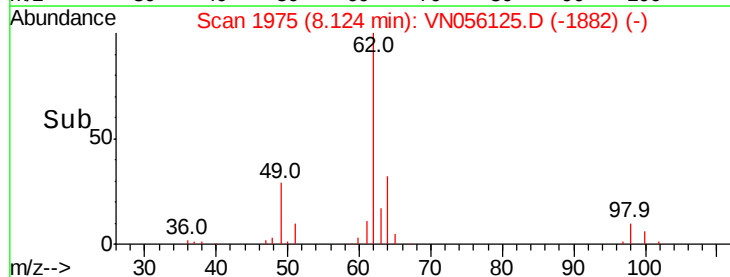
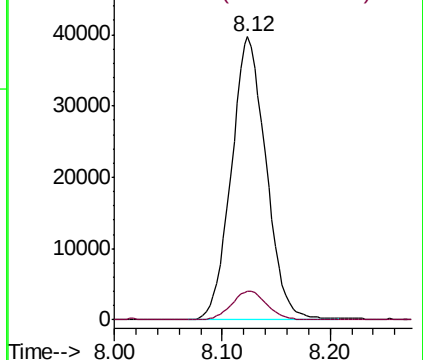


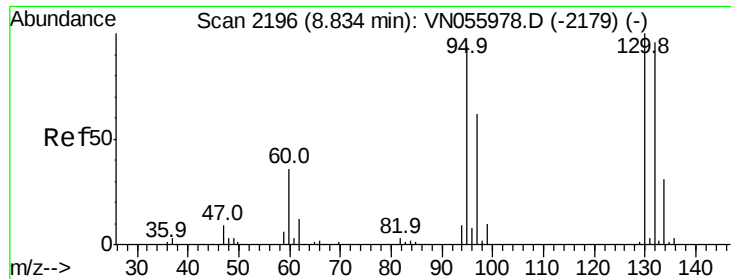
#42
 1,2-Dichloroethane
 Concen: 21.561 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VN056125.D
 Acq: 8 Jun 2019 2:26

Tgt Ion: 62 Resp: 88994
 Ion Ratio Lower Upper
 62 100
 98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): V
 Ion 97.90 (97.60 to 98.60): V





#44

Trichloroethene

Concen: 262.978 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056125.D

Acq: 8 Jun 2019 2:26

Instrument :

MSVOA_N

ClientSampleId :

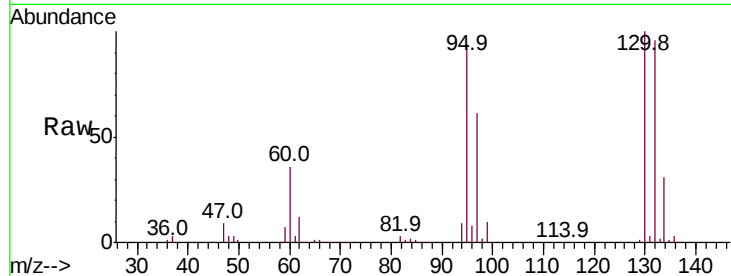
DUP-0532-190605DL

Tot Ion:130 Resp: 969631

Ion Ratio Lower Upper

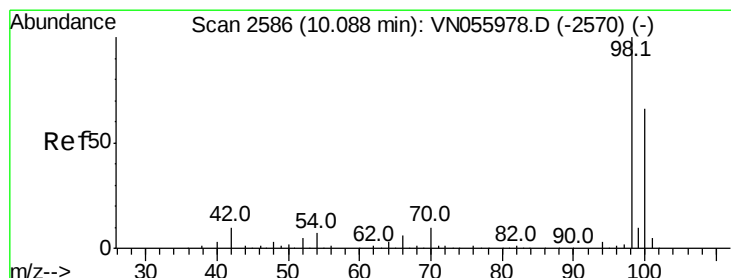
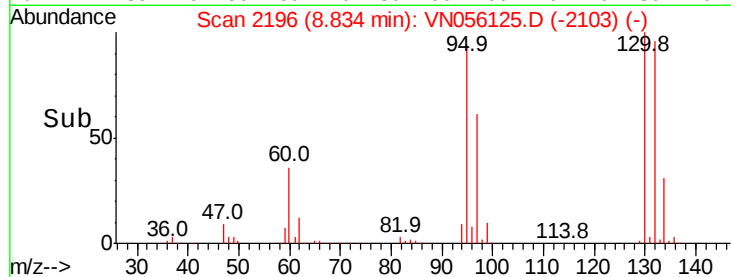
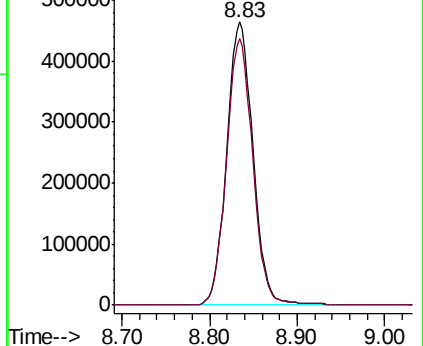
130 100

95 94.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 55.056 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056125.D

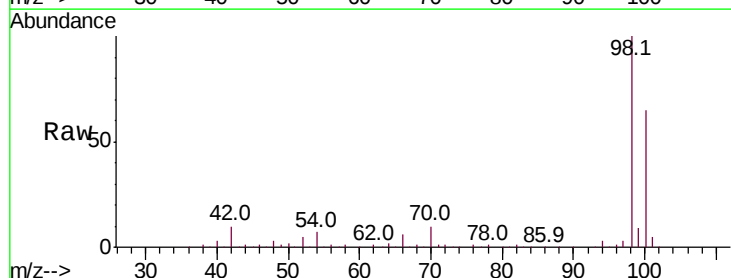
Acq: 8 Jun 2019 2:26

Tgt Ion: 98 Resp: 638635

Ion Ratio Lower Upper

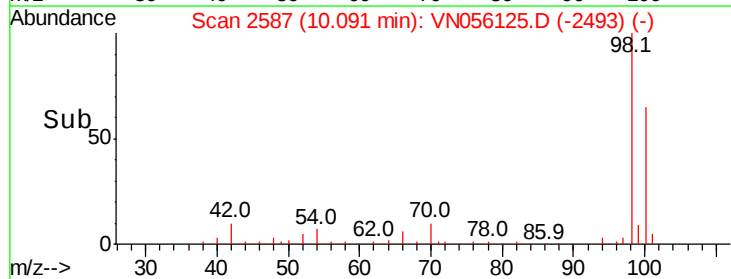
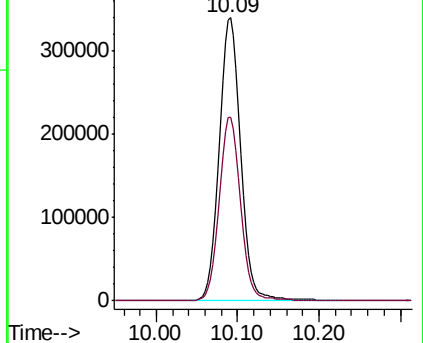
98 100

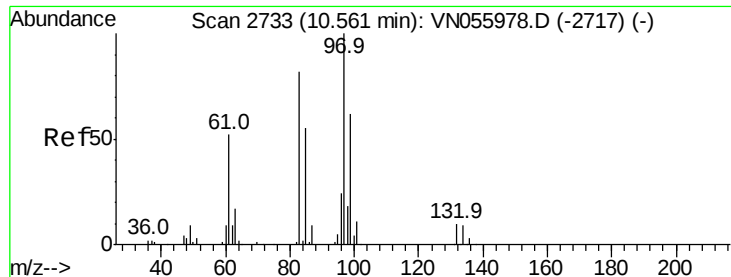
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN



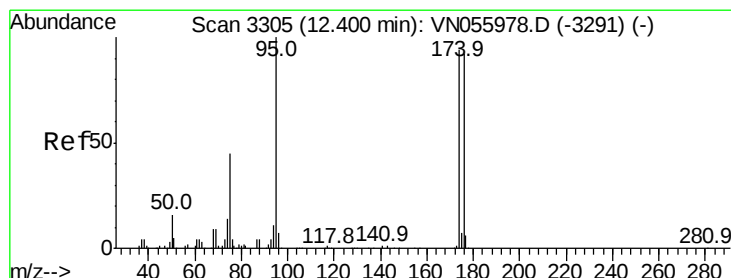
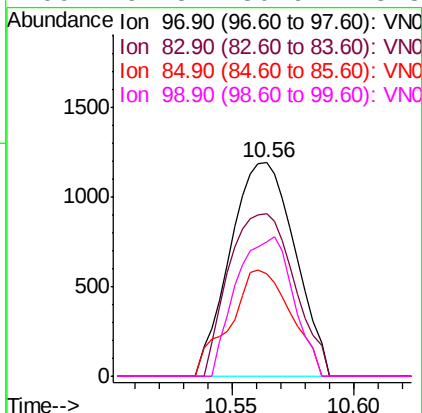
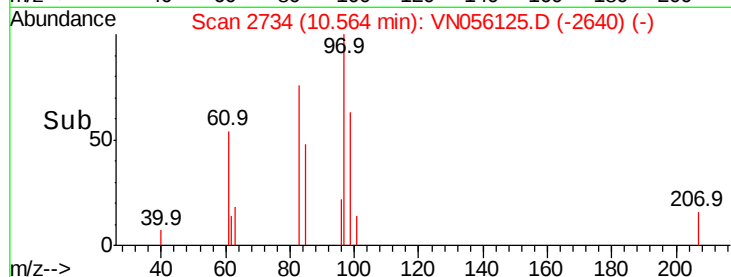
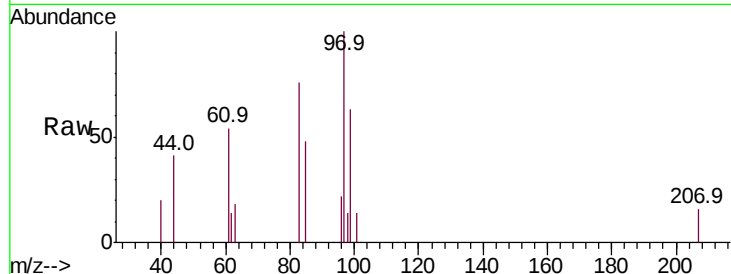


#55
 1,1,2-Trichloroethane
 Concen: 0.696 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056125.D
 Acq: 8 Jun 2019 2:26

Instrument :
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 DUP-0532-190605DL

Tot Ion: 97 Resp: 2202

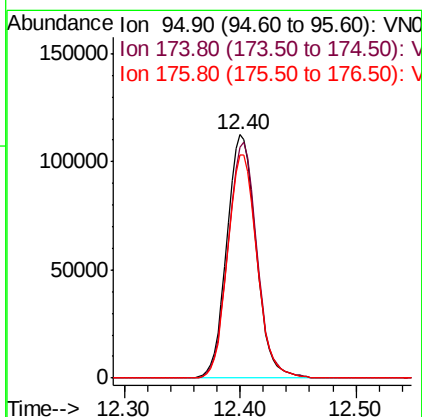
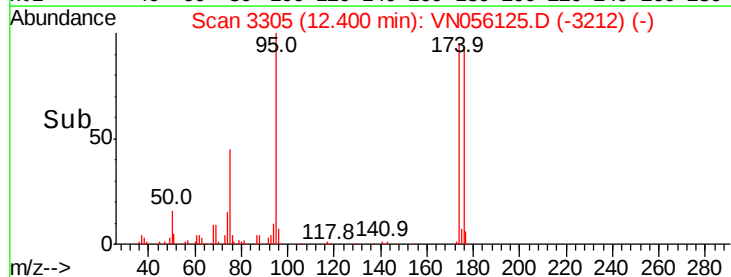
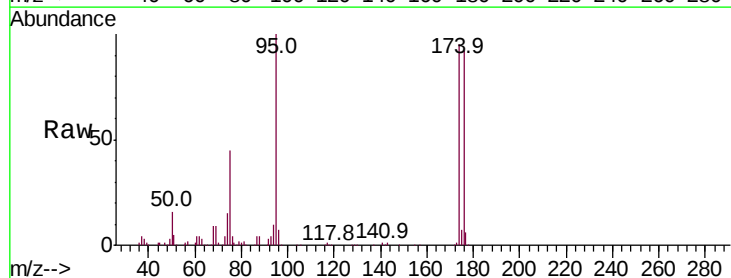
Ion	Ratio	Lower	Upper
97	100		
83	76.2	67.0	100.6
85	47.9	44.0	66.0
99	62.8	50.6	75.8

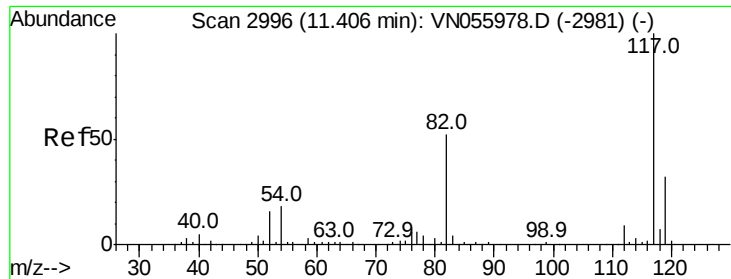


#62
 4-Bromofluorobenzene
 Concen: 49.531 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056125.D
 Acq: 8 Jun 2019 2:26

Tgt Ion: 95 Resp: 195388

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	191.0
176	92.0	0.0	185.2

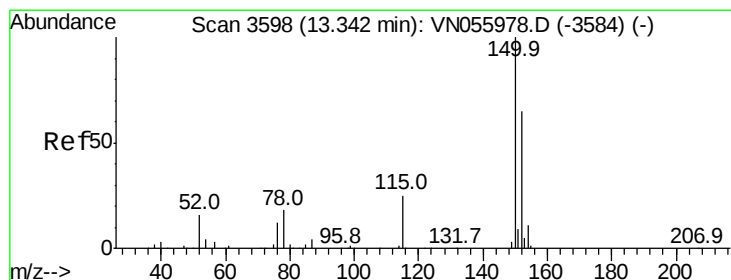
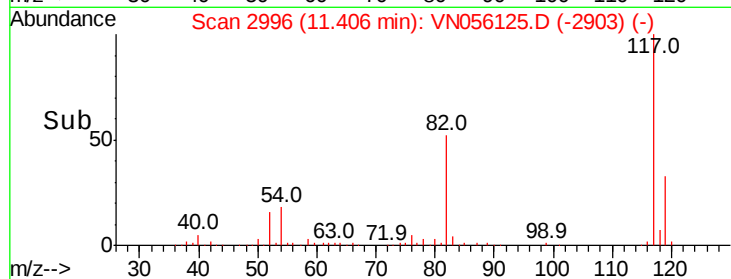
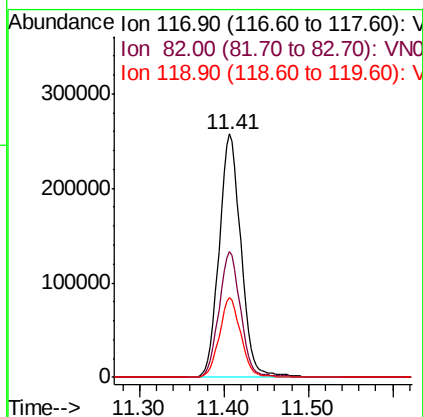
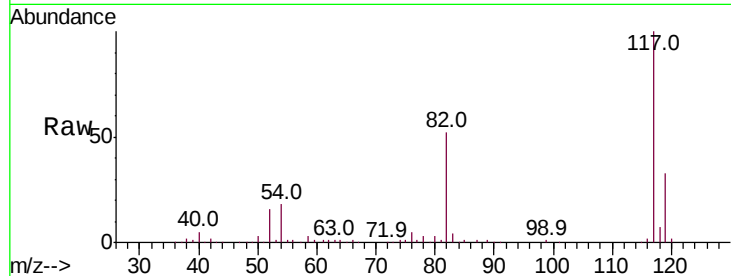




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056125.D
Acq: 8 Jun 2019 2:26

Instrument :
MSVOA_N
ClientSampleId :
DUP-0532-190605DL

Tot Ion:117 Resp: 462763
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056125.D
Acq: 8 Jun 2019 2:26

Tgt Ion:152 Resp: 140751
Ion Ratio Lower Upper
152 100
115 53.4 27.0 81.0
150 157.1 0.0 343.2

