

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056795.D
 Acq On : 17 Jul 2019 14:34
 Operator : JC/SP
 Sample : K3841-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-190715

Quant Time: Jul 18 08:22:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

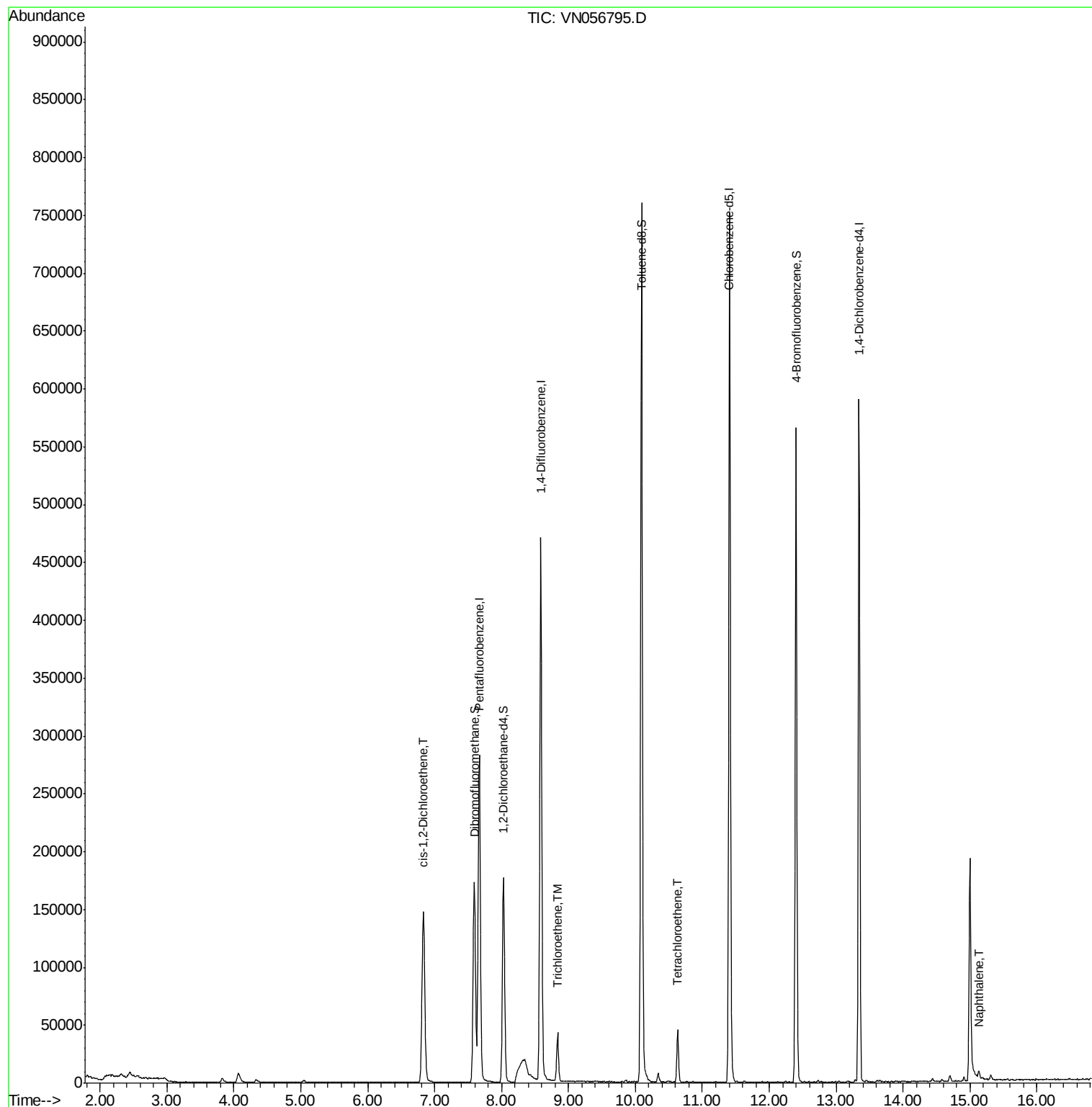
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	254985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	451289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147012	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
35) Dibromofluoromethane	7.59	113	135953	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.09	98	564066	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	204449	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	103124	35.371	ug/l	91
44) Trichloroethene	8.84	130	16305	4.692	ug/l	99
64) Tetrachloroethene	10.63	164	12081	2.958	ug/l	97
95) Naphthalene	15.13	128	5423	5.065	ug/l #	94

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

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
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: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

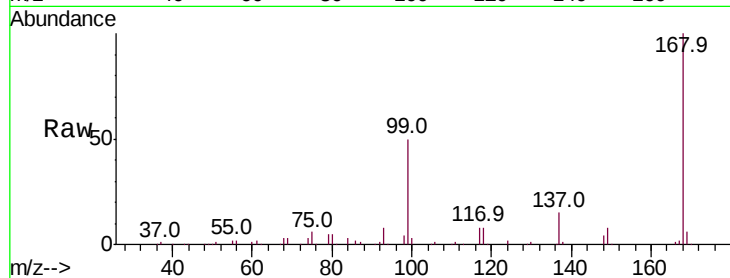
KY038PS027-190715

Tot Ion:168 Resp: 254985

Ion Ratio Lower Upper

168 100

99 50.0 39.4 59.2

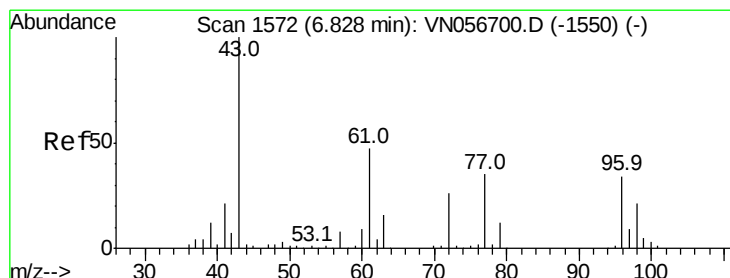
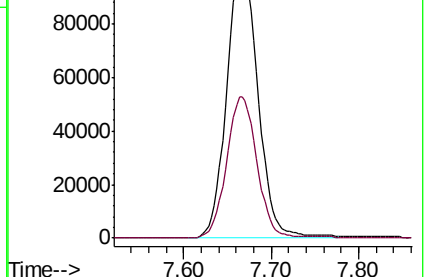
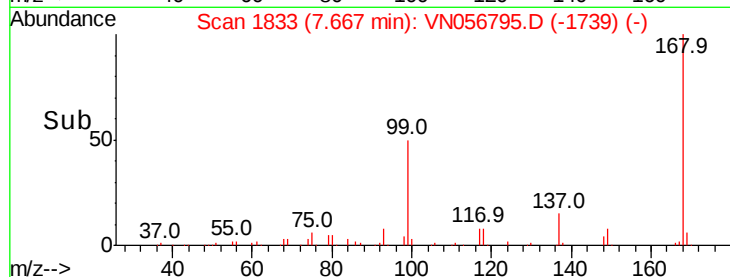


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

Time-->



#27

cis-1,2-Dichloroethene

Concen: 35.371 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

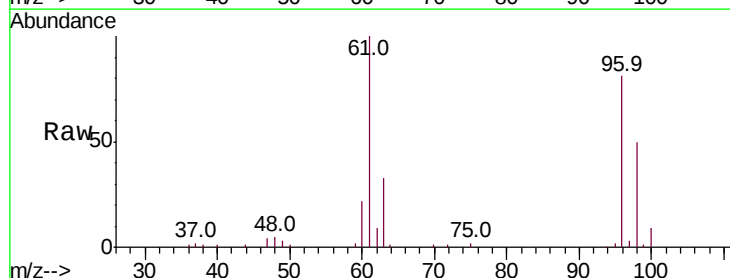
Tgt Ion: 96 Resp: 103124

Ion Ratio Lower Upper

96 100

61 125.3 0.0 281.4

98 62.9 0.0 127.8



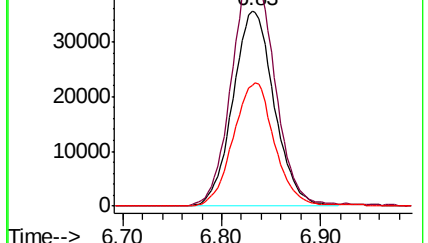
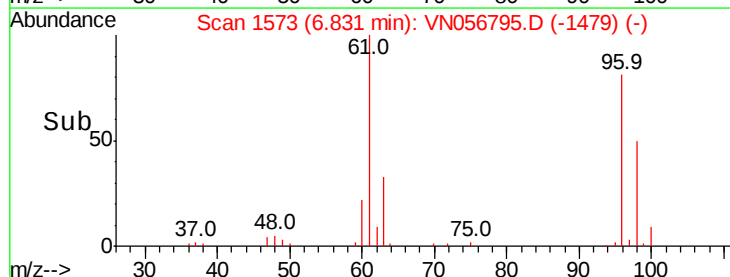
Abundance Ion 95.90 (95.60 to 96.60): VNO

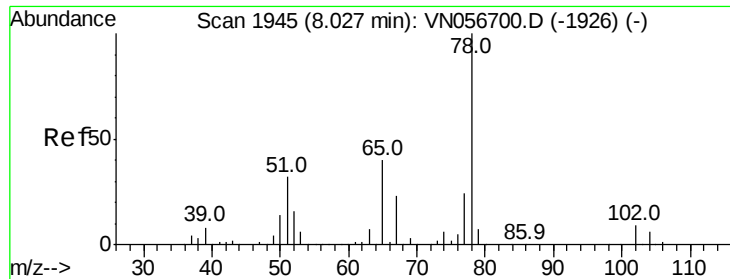
Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

6.83

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.123 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

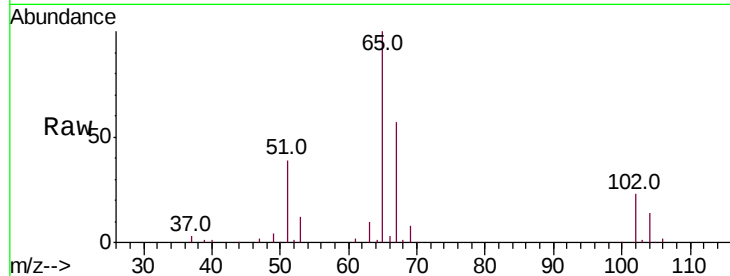
KY038PS027-190715

Tot Ion: 65 Resp: 147012

Ion Ratio Lower Upper

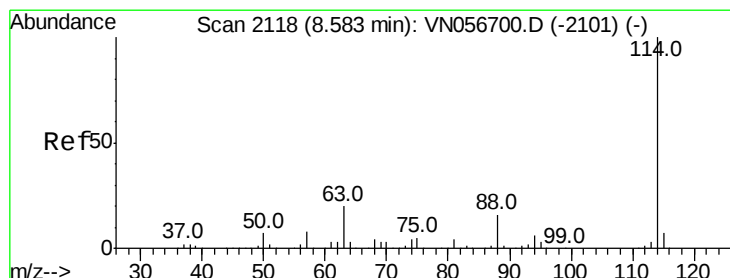
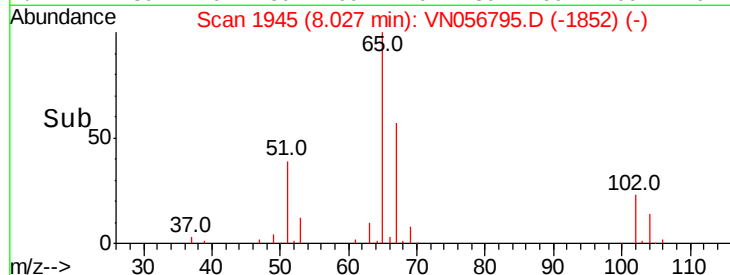
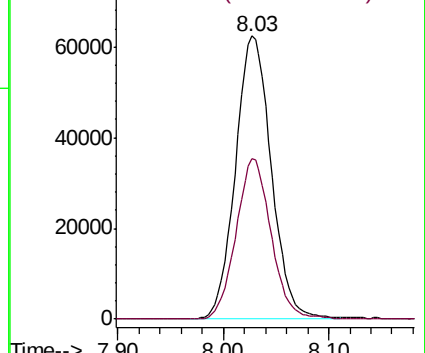
65 100

67 55.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056795.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056795.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

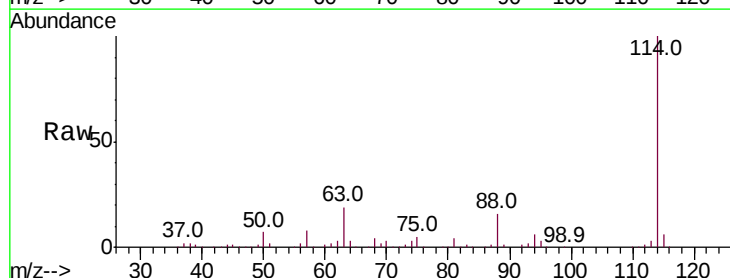
Tgt Ion: 114 Resp: 451289

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.4

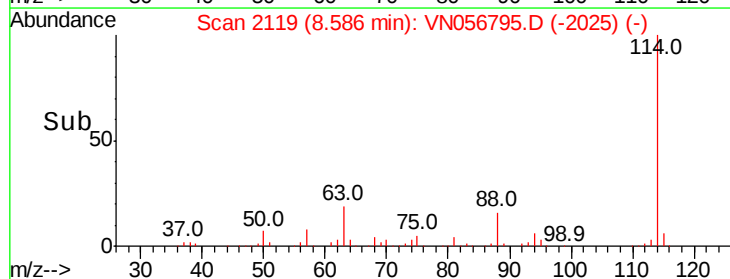
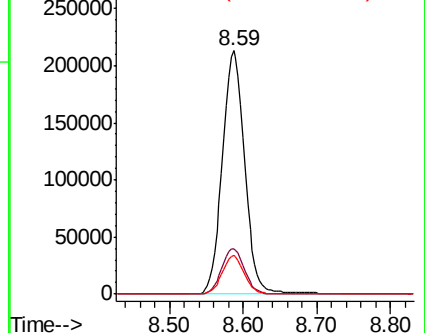
88 15.9 0.0 31.2

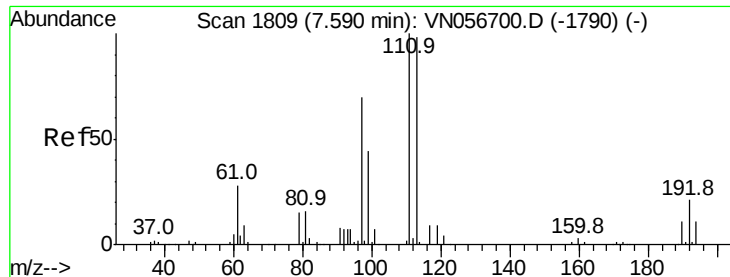


Abundance Ion 113.90 (113.60 to 114.60): VN056795.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN056795.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN056795.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 48.408 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-190715

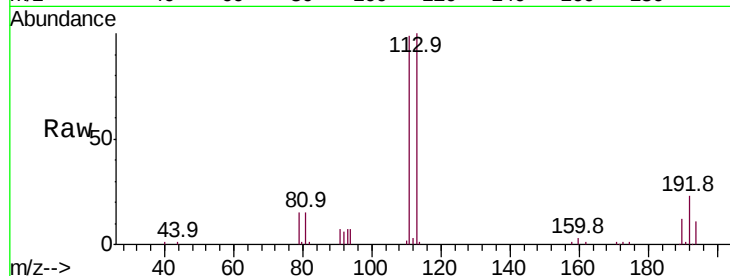
Tot Ion:113 Resp: 135953

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.6

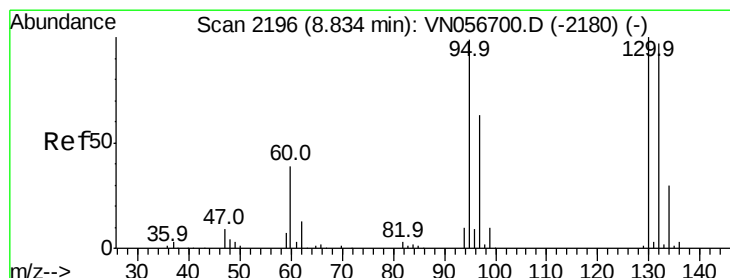
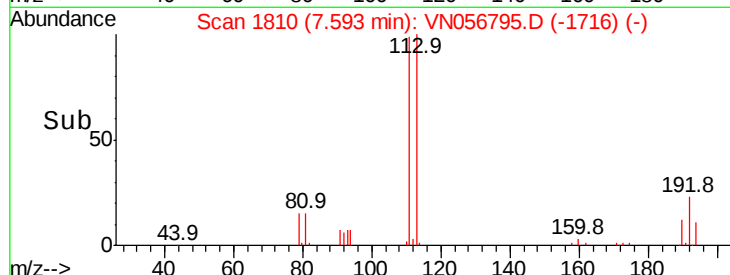
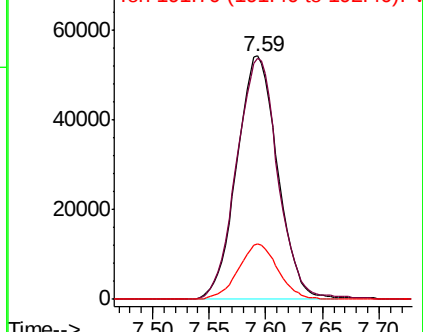
192 21.9 17.5 26.3



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: 4.692 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056795.D

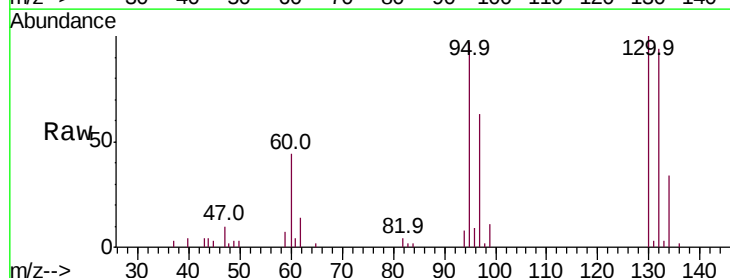
Acq: 17 Jul 2019 14:34

Tgt Ion:130 Resp: 16305

Ion Ratio Lower Upper

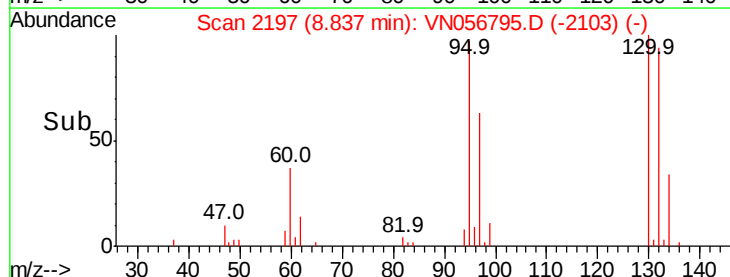
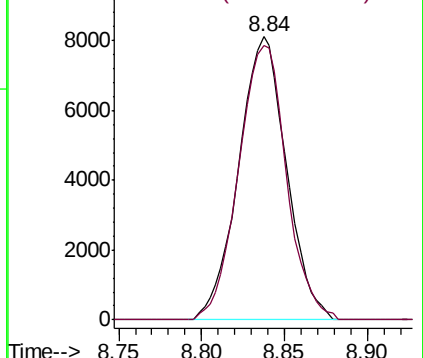
130 100

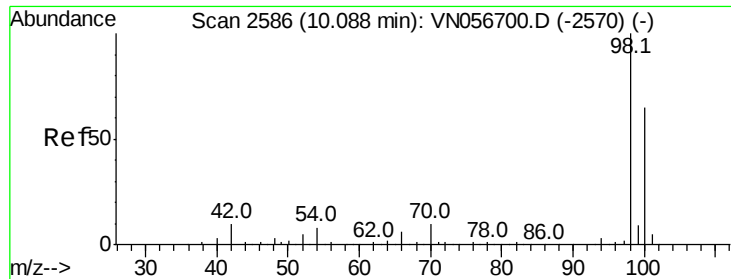
95 97.2 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.002 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

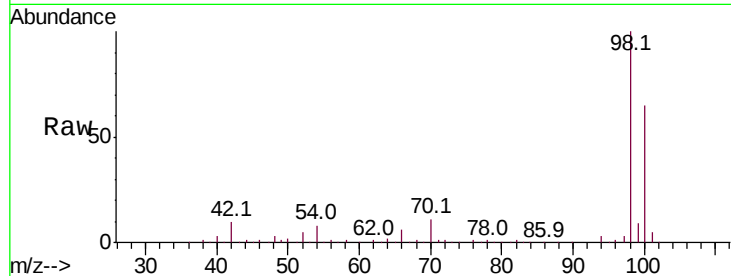
KY038PS027-190715

Tot Ion: 98 Resp: 564066

Ion Ratio Lower Upper

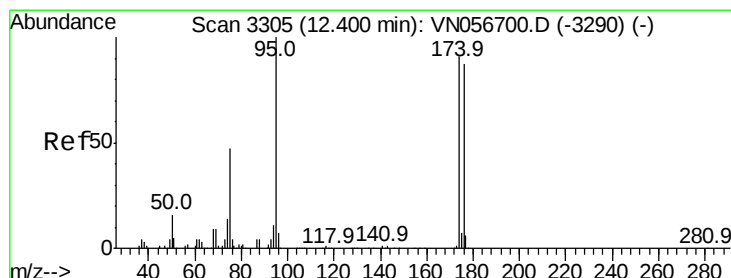
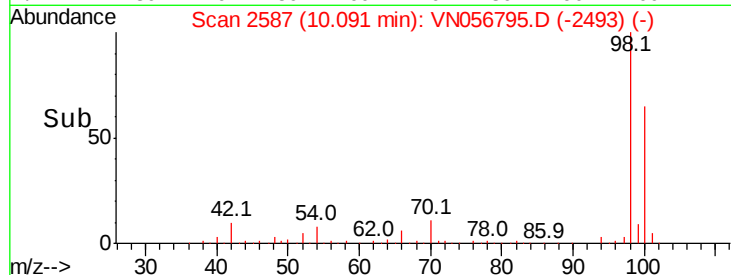
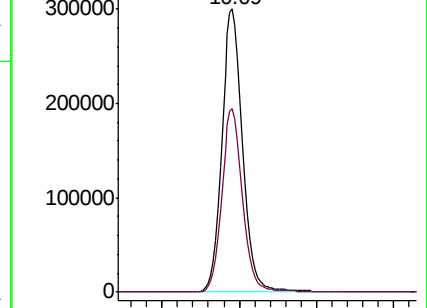
98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 55.892 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

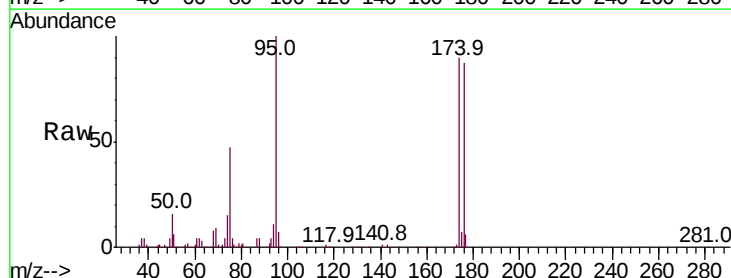
Tgt Ion: 95 Resp: 204449

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

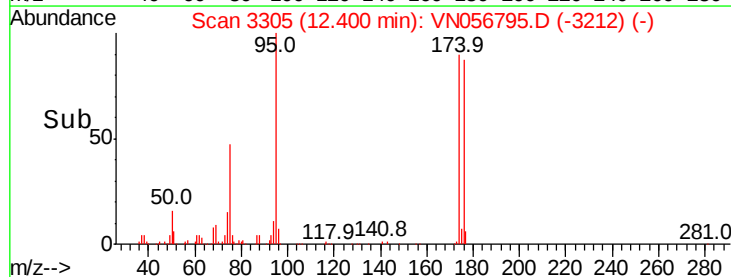
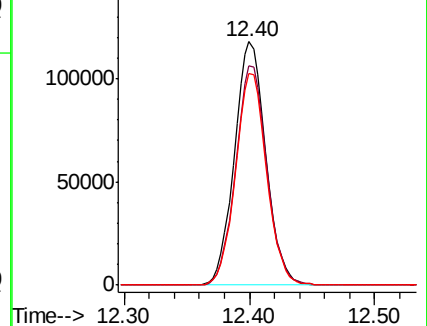
176 86.2 0.0 173.2

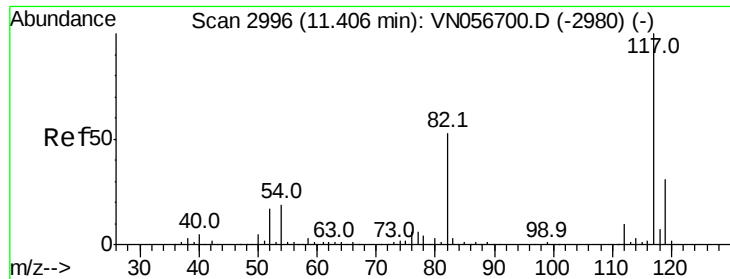


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

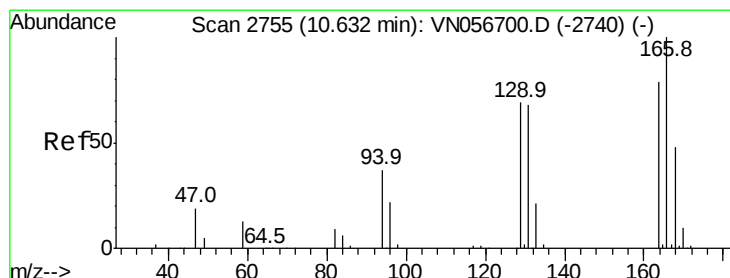
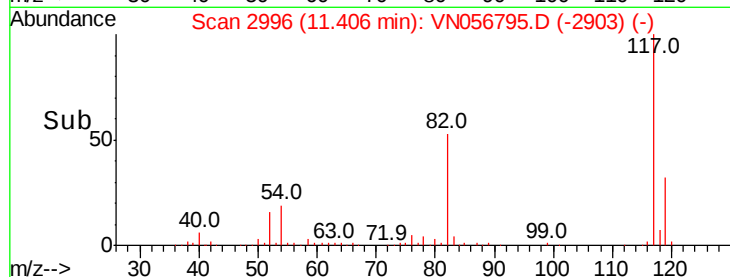
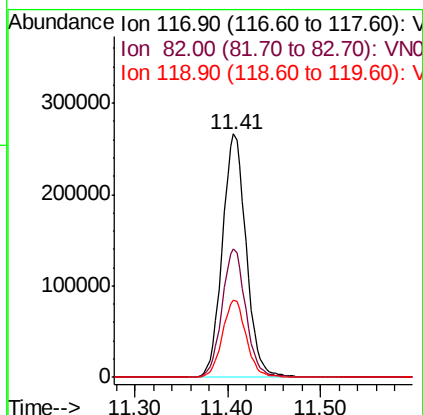
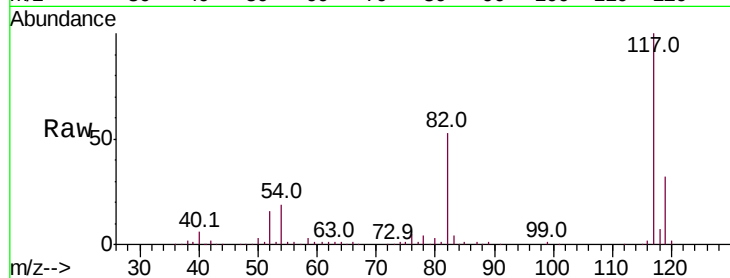




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

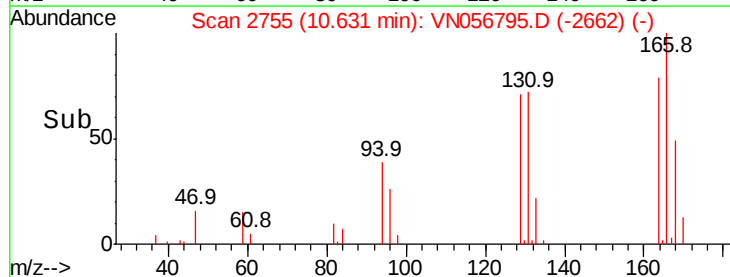
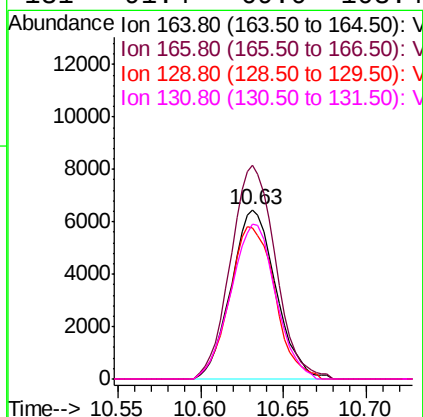
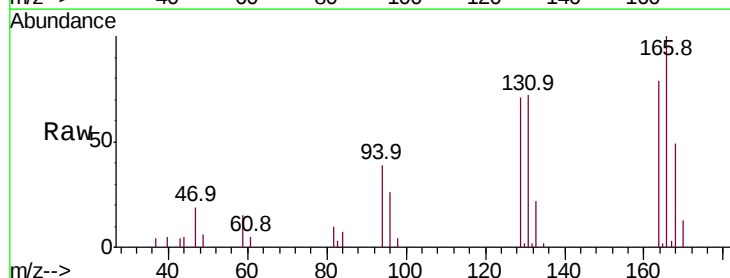
Instrument :
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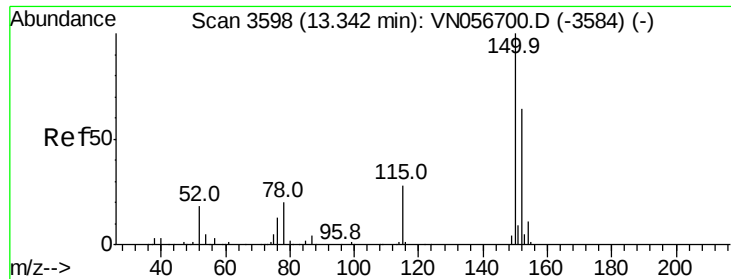
Tot Ion:117 Resp: 473349
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 2.958 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion:164 Resp: 12081
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.2
129 89.6 69.6 104.4
131 91.4 69.0 103.4



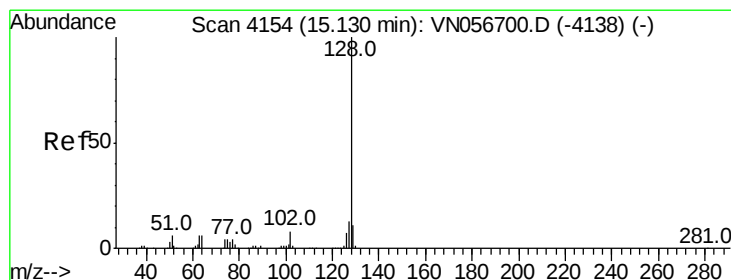
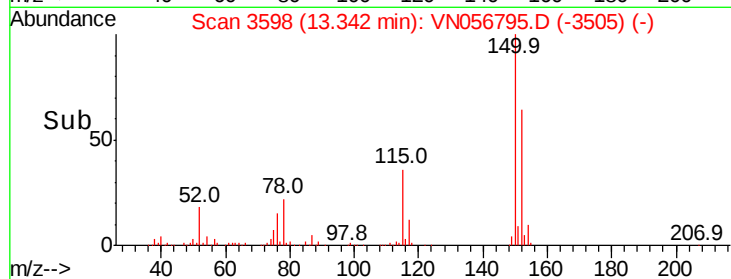
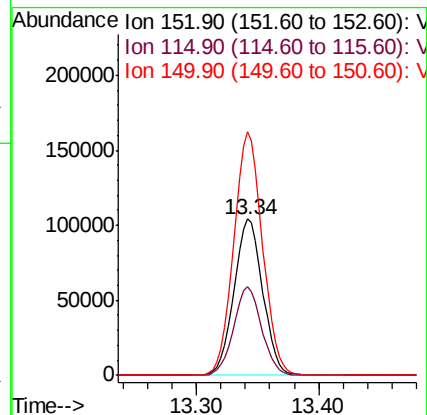
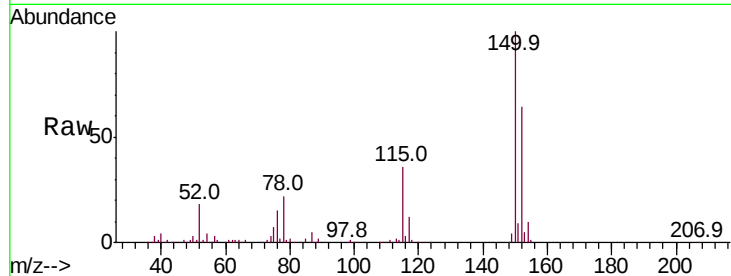


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-190715

Tot Ion:152 Resp: 170553
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.0 0.0 345.8



#95

Naphthalene
Concen: 5.065 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion:128 Resp: 5423
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 8.7 8.7 13.1

