

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055735.D
 Acq On : 22 May 2019 22:47
 Operator : JC/SP
 Sample : K2980-04 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: May 23 06:46:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	57633	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	306274	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	243106	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	113399	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	12.40	95	91235	24.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.40%
63) Toluene-d8	10.09	98	359140	32.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.77%

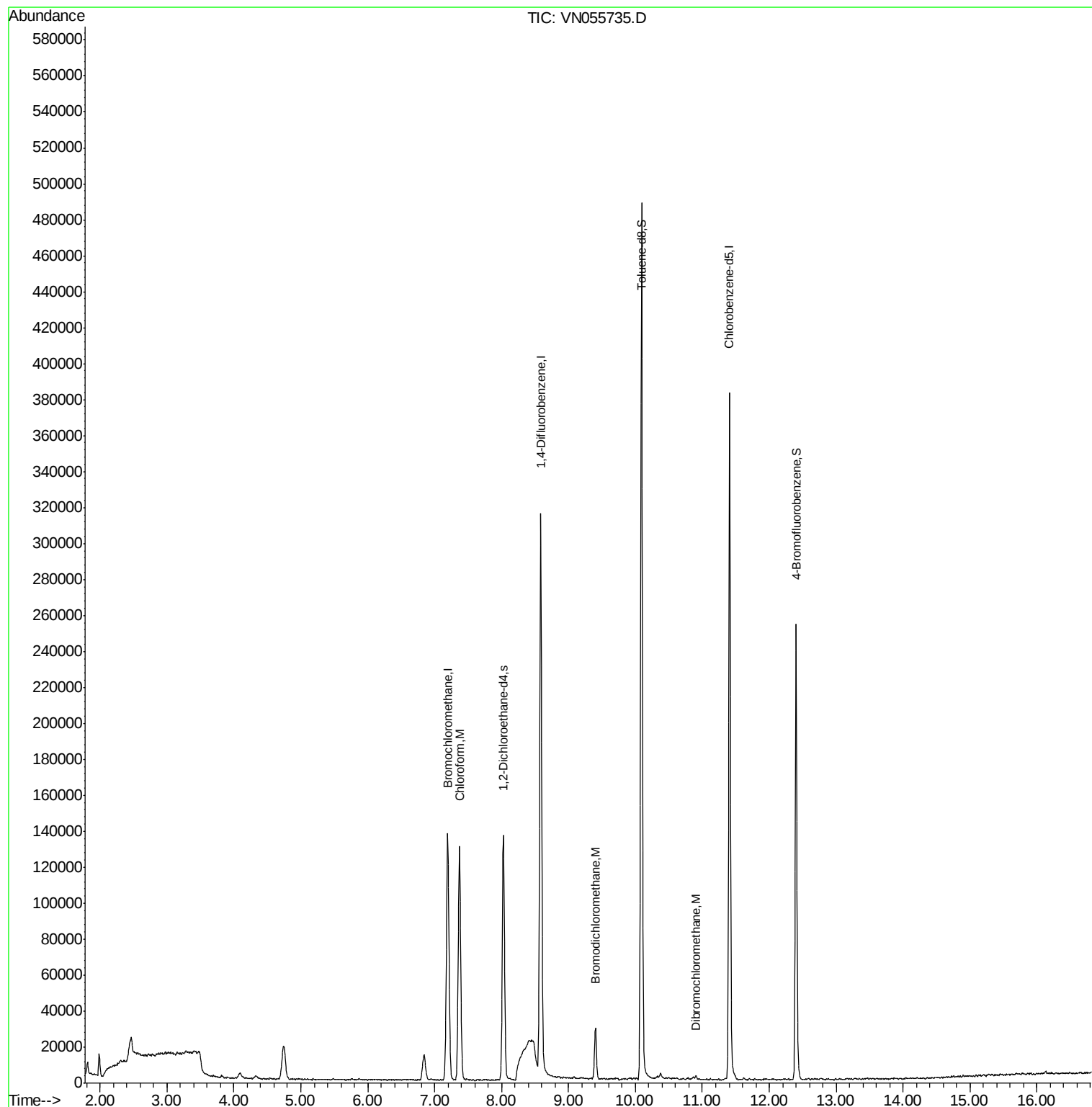
Target Compounds					Ovalue
25) Chloroform	7.37	83	139114	23.448 ug/l	99
41) Bromodichloromethane	9.40	83	21255	4.513 ug/l	97
53) Dibromochloromethane	10.90	129	1575	0.399 ug/l	93

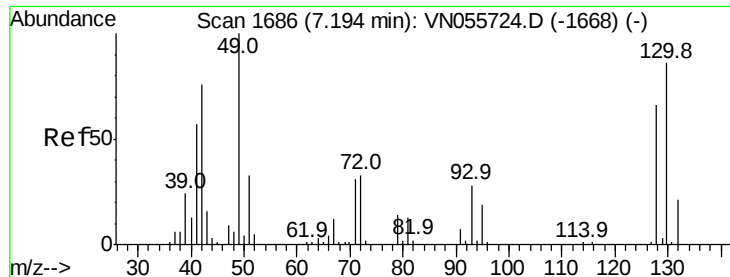
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052219\
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QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055735.D

Acq: 22 May 2019 22:47

Instrument :
MSVOA_N
ClientSampled :
14B-4

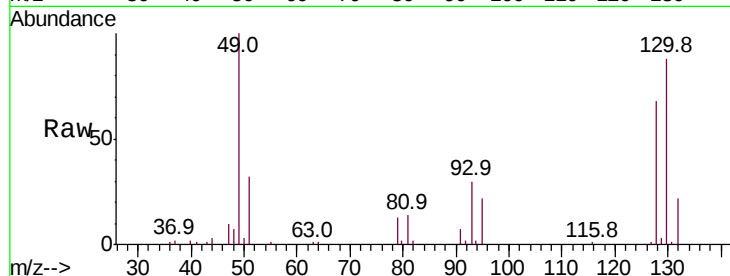
Tot Ion:128 Resp: 57633

Ion Ratio Lower Upper

128 100

49 149.2 0.0 383.2

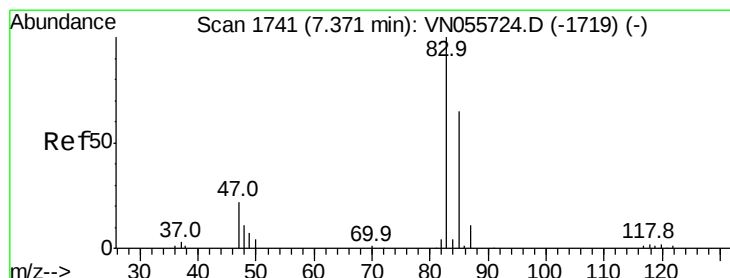
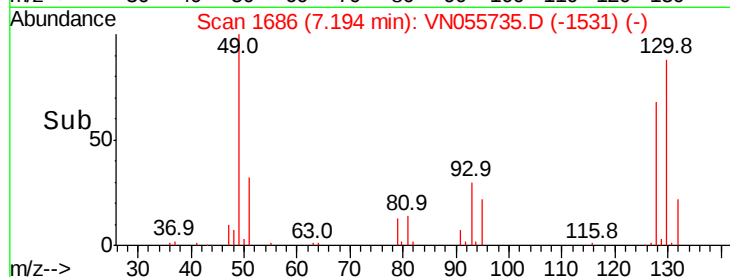
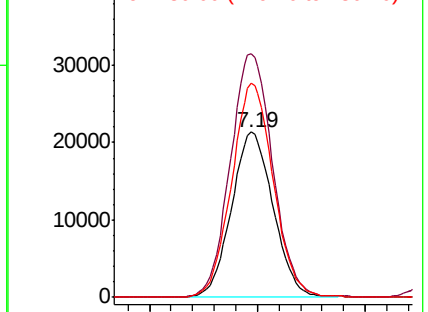
130 129.2 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 23.448 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055735.D

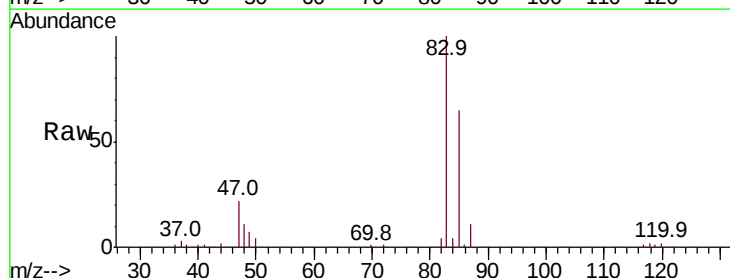
Acq: 22 May 2019 22:47

Tgt Ion: 83 Resp: 139114

Ion Ratio Lower Upper

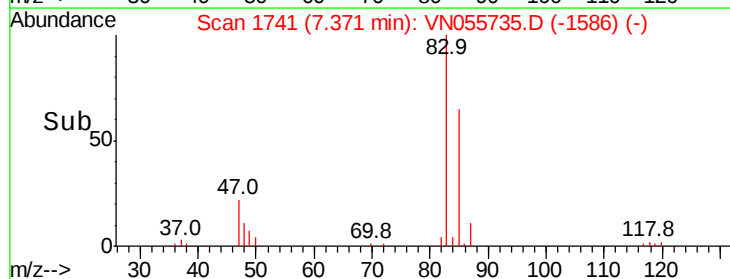
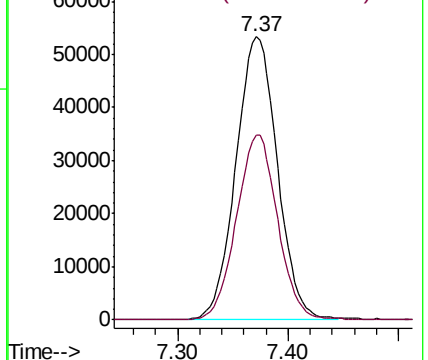
83 100

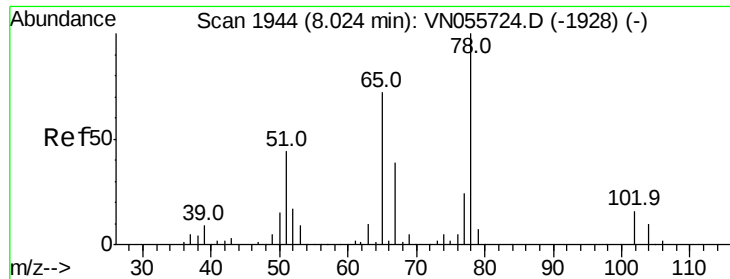
85 65.4 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

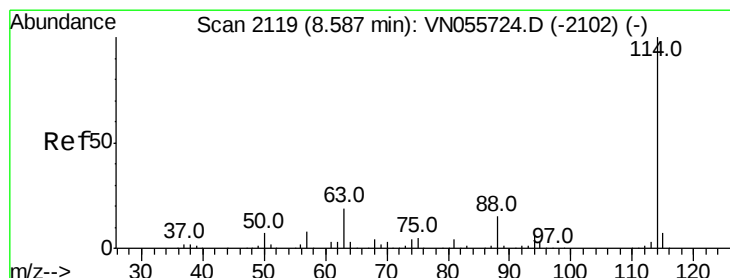
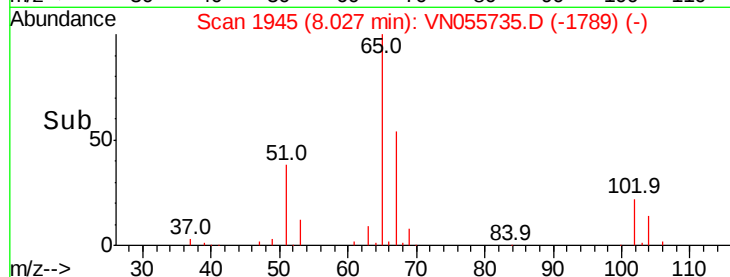
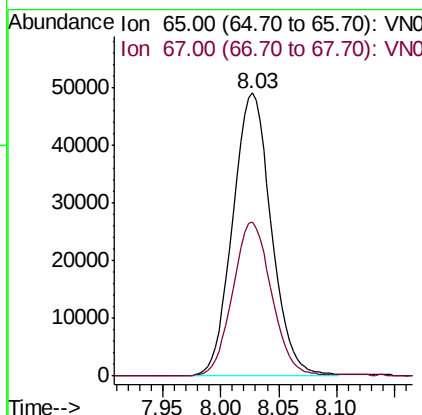
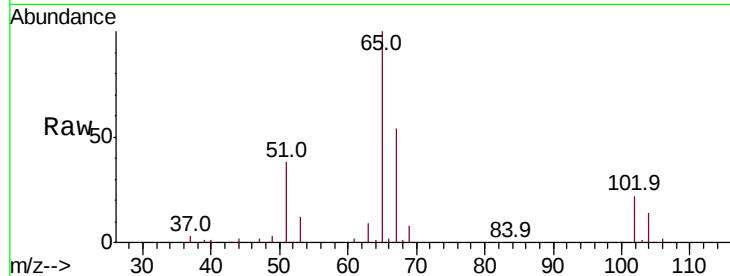




#27
 1,2-Dichloroethane-d4
 Concen: 30.103 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055735.D
 Acq: 22 May 2019 22:47

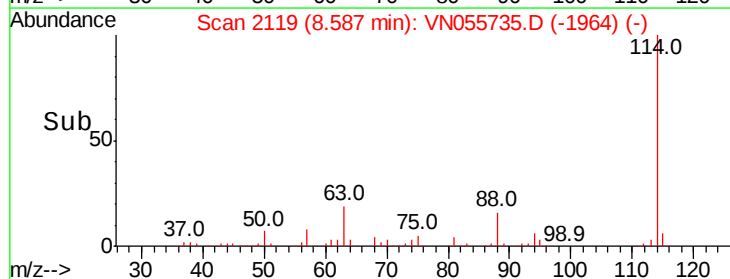
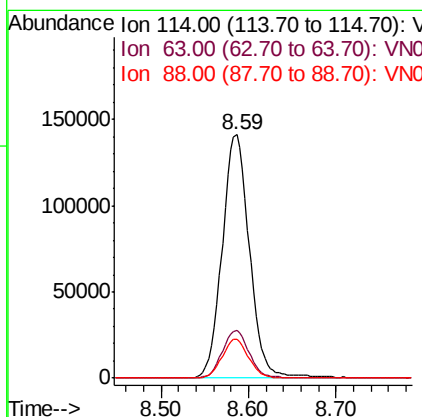
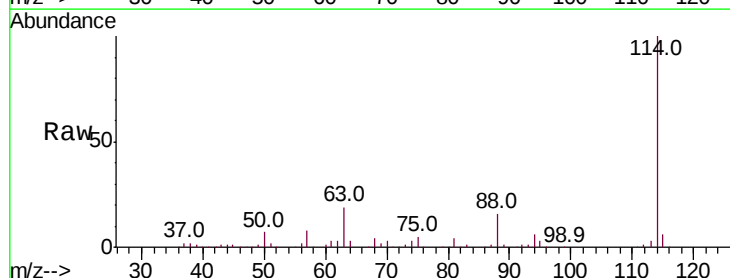
Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

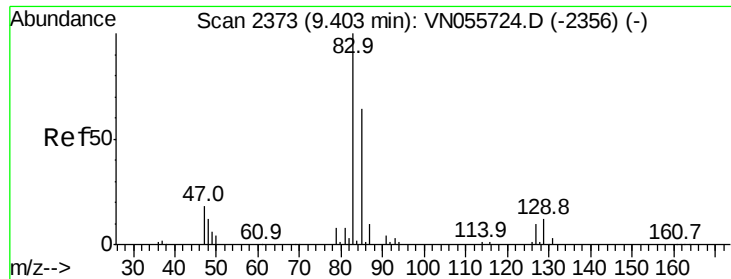
Tot Ion: 65 Resp: 113399
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055735.D
 Acq: 22 May 2019 22:47

Tgt Ion: 114 Resp: 306274
 Ion Ratio Lower Upper
 114 100
 63 19.2 15.6 23.4
 88 15.5 12.3 18.5





#41

Bromodichloromethane

Concen: 4.513 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055735.D

Acq: 22 May 2019 22:47

Instrument :

MSVOA_N

ClientSampled :

14B-4

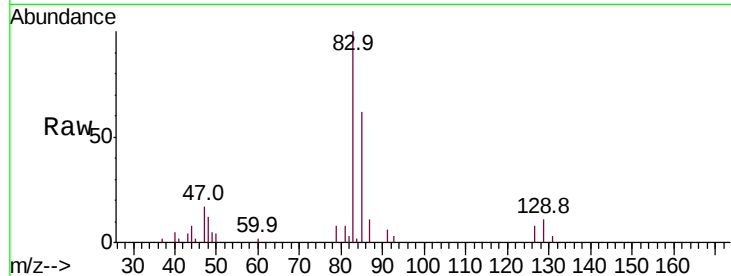
Tot Ion: 83 Resp: 21255

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.0

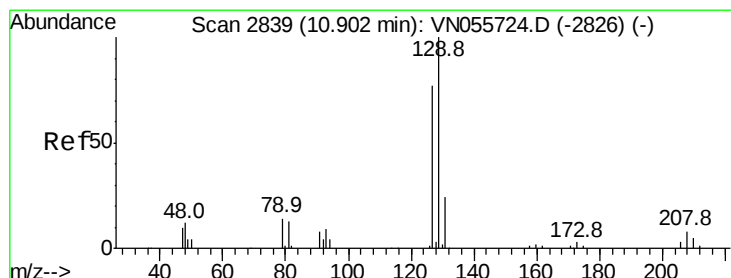
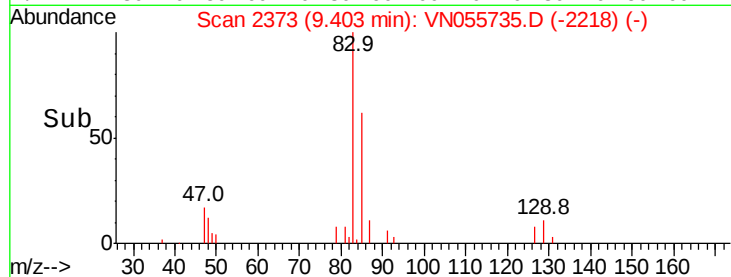
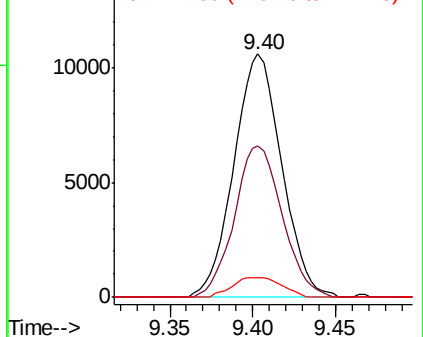
127 8.2 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VN055724.D (-2356) (-)

Ion 85.00 (84.70 to 85.70): VN055724.D (-2356) (-)

Ion 127.00 (126.70 to 127.70): VN055724.D (-2356) (-)



#53

Dibromochloromethane

Concen: 0.399 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN055735.D

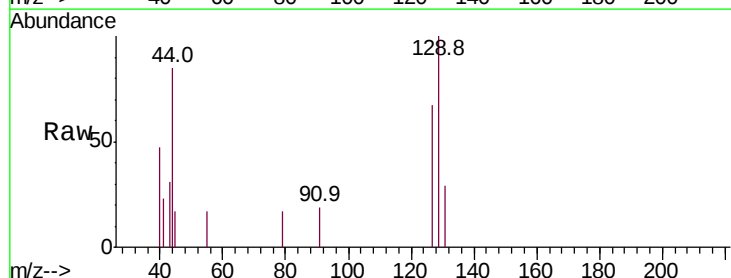
Acq: 22 May 2019 22:47

Tgt Ion: 129 Resp: 1575

Ion Ratio Lower Upper

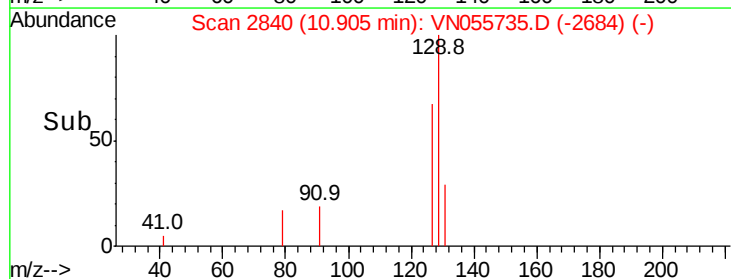
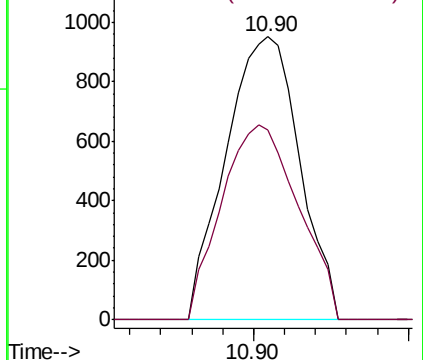
129 100

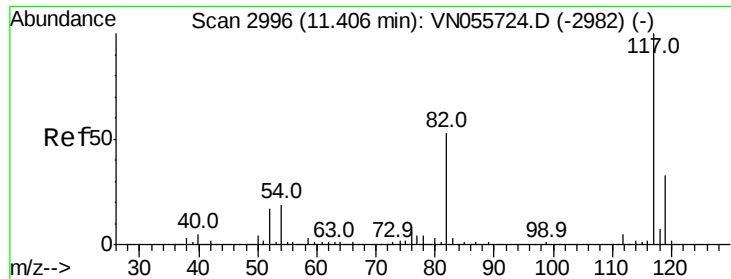
127 72.0 39.2 117.6



Abundance Ion 129.00 (128.70 to 129.70): VN055724.D (-2826) (-)

Ion 127.00 (126.70 to 127.70): VN055724.D (-2826) (-)

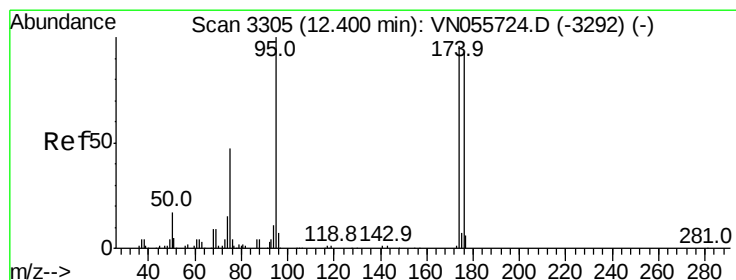
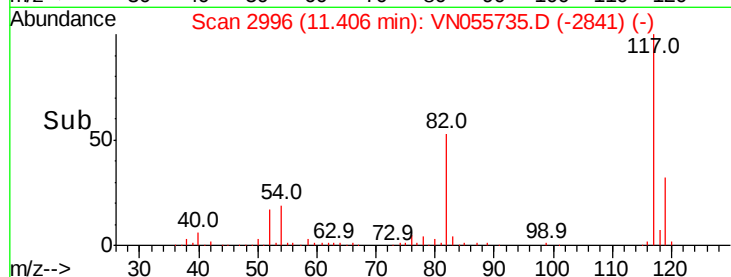
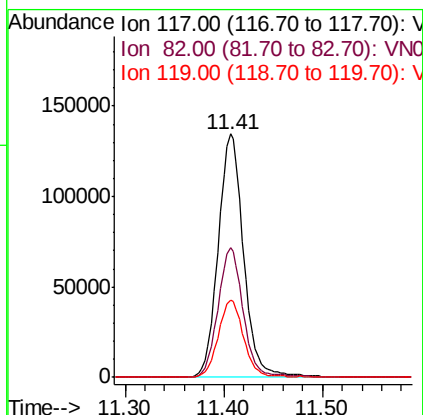
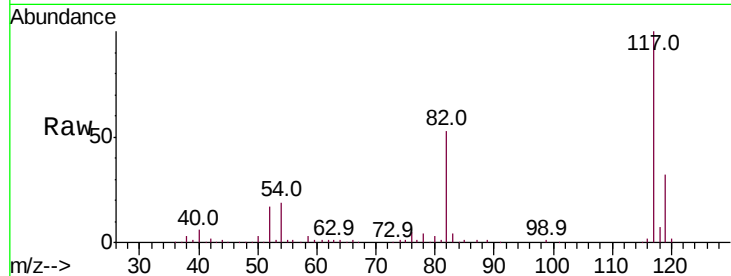




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055735.D
Acq: 22 May 2019 22:47

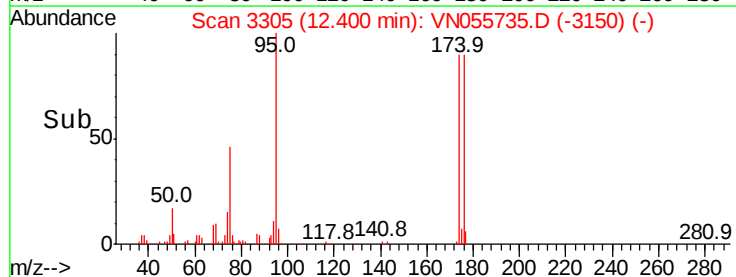
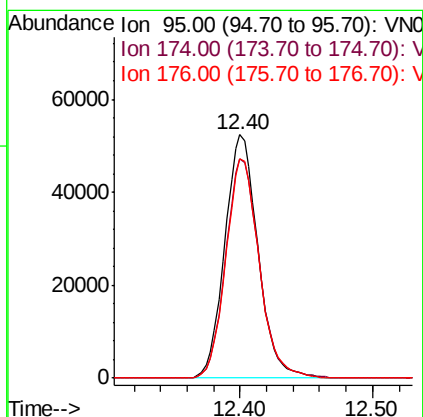
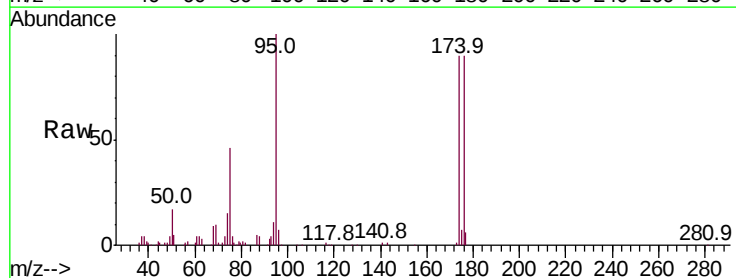
Instrument :
MSVOA_N
ClientSampled :
14B-4

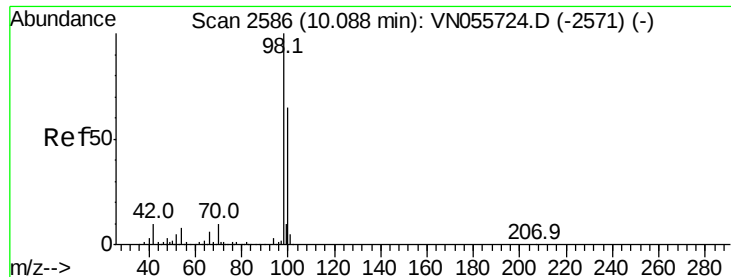
Tot Ion:117 Resp: 243106
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 31.7 25.9 38.9



#60
4-Bromofluorobenzene
Concen: 24.125 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055735.D
Acq: 22 May 2019 22:47

Tgt Ion: 95 Resp: 91235
Ion Ratio Lower Upper
95 100
174 91.0 75.7 113.5
176 90.0 74.1 111.1





#63

Toluene-d8

Concen: 32.327 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055735.D

Acq: 22 May 2019 22:47

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tot Ion: 98 Resp: 359140

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

