

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055734.D
 Acq On : 22 May 2019 22:22
 Operator : JC/SP
 Sample : K2980-03 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: May 23 06:40:43 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	57695	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	300549	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	241429	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	114471	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	12.40	95	94570	25.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	83.93%
63) Toluene-d8	10.09	98	353415	32.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.77%

Target Compounds

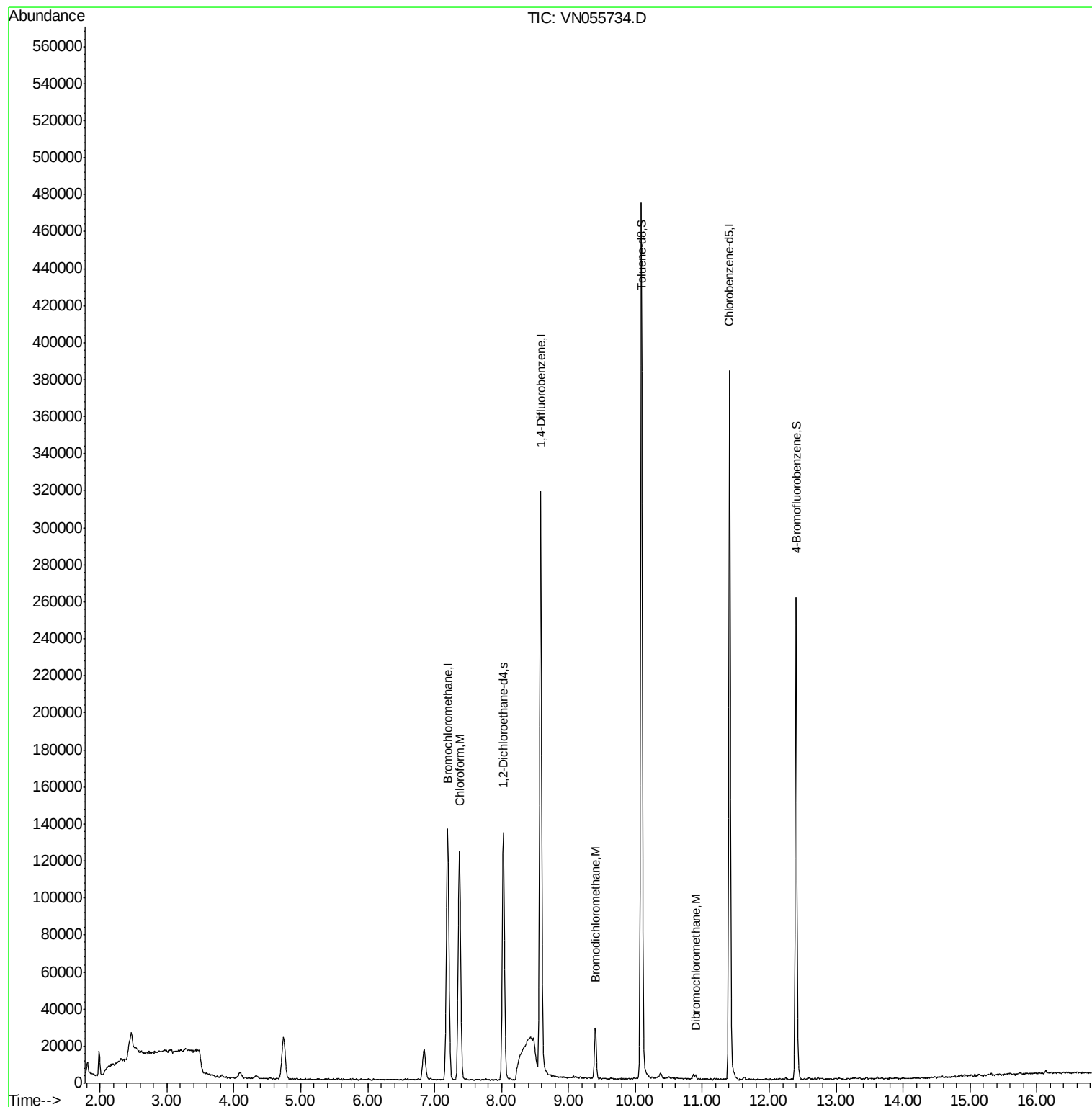
					Ovalue
25) Chloroform	7.37	83	136476	22.979	ug/l 100
41) Bromodichloromethane	9.40	83	20080	4.345	ug/l 98
53) Dibromochloromethane	10.90	129	1573	0.406	ug/l 95

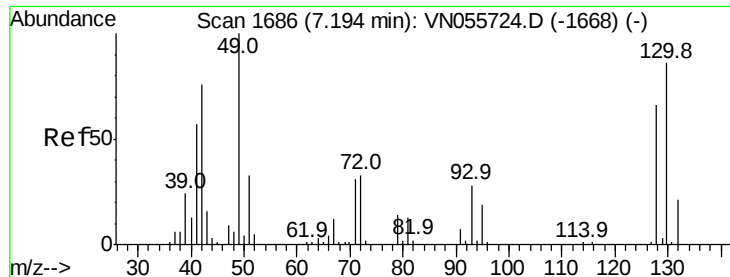
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055734.D

Acq: 22 May 2019 22:22

Instrument :
MSVOA_N
ClientSampled :
14B-3

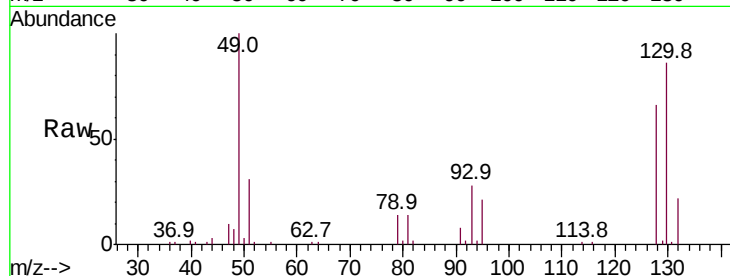
Tot Ion:128 Resp: 57695

Ion Ratio Lower Upper

128 100

49 148.7 0.0 383.2

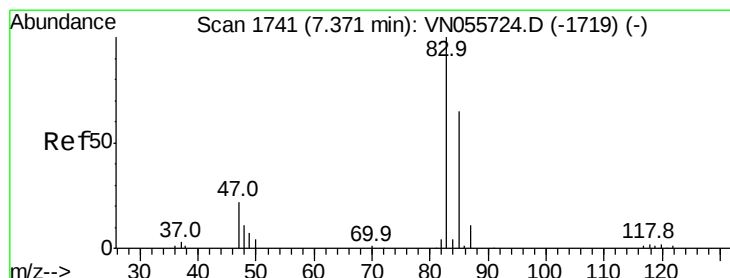
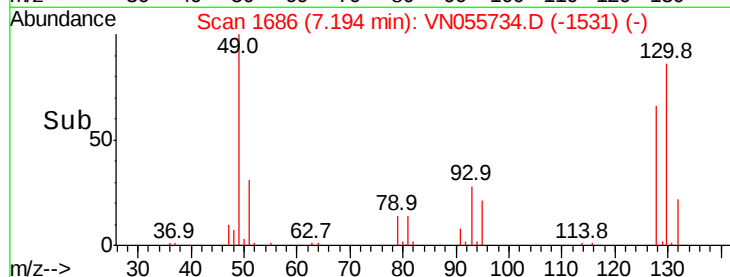
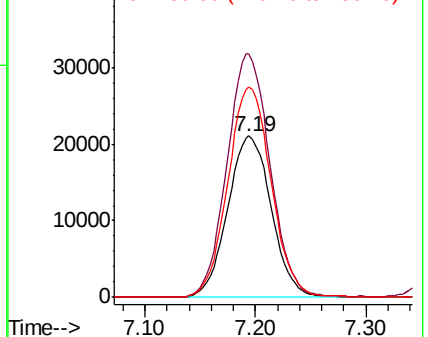
130 129.4 0.0 326.3



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: 22.979 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055734.D

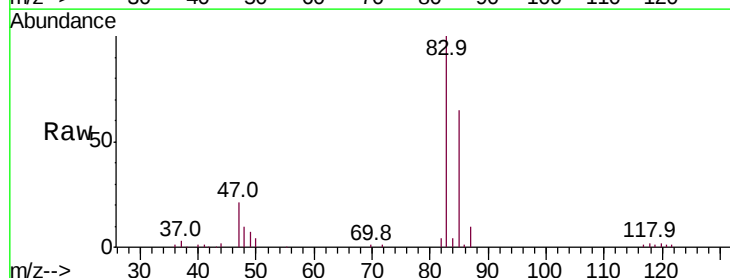
Acq: 22 May 2019 22:22

Tgt Ion: 83 Resp: 136476

Ion Ratio Lower Upper

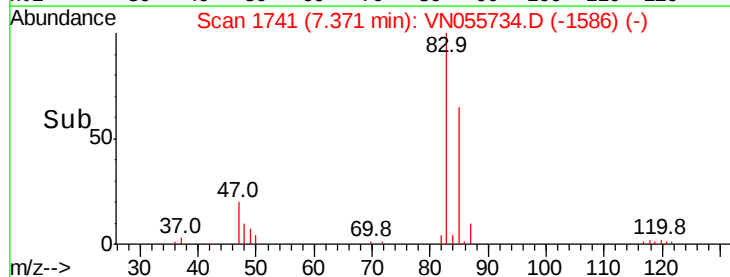
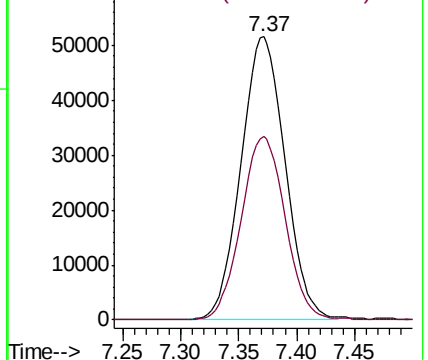
83 100

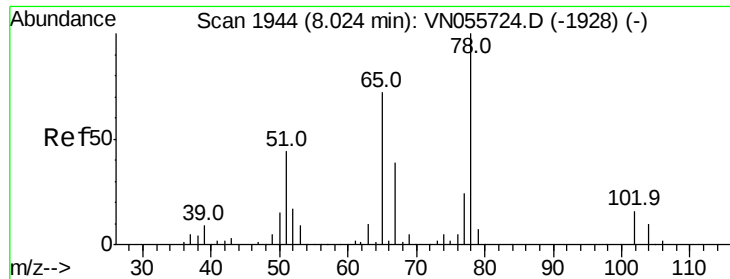
85 64.9 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

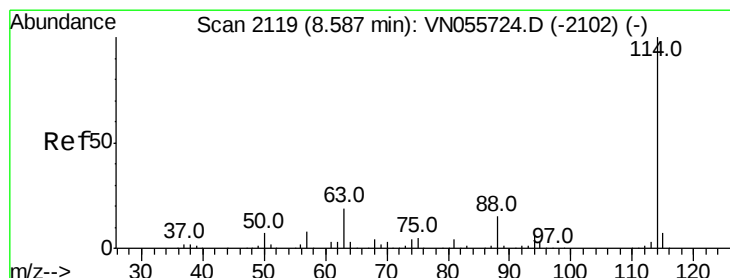
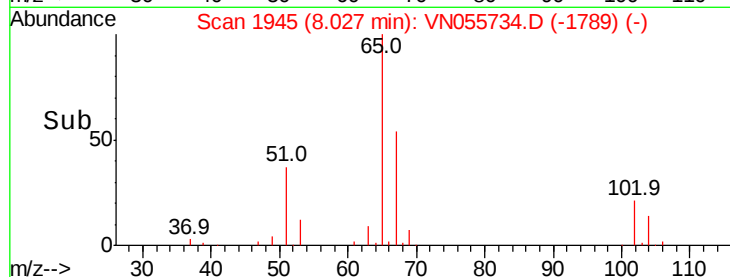
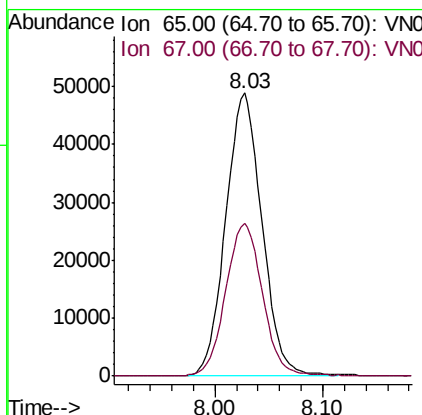
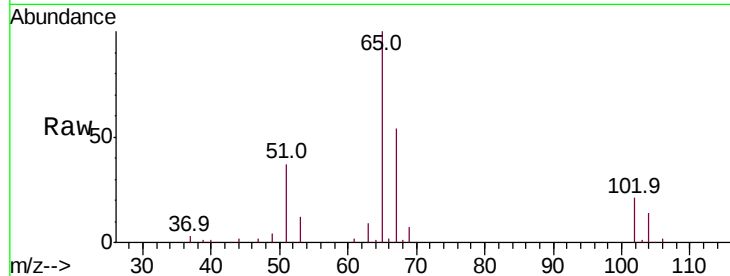




#27
 1,2-Dichloroethane-d4
 Concen: 30.355 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055734.D
 Acq: 22 May 2019 22:22

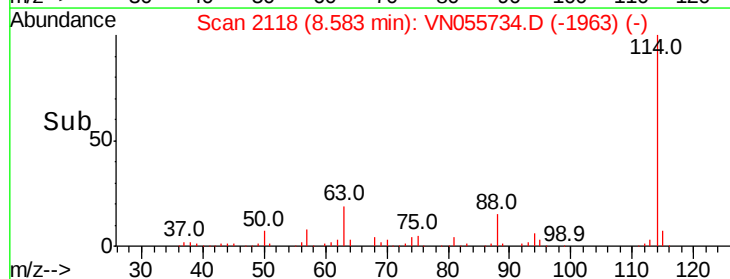
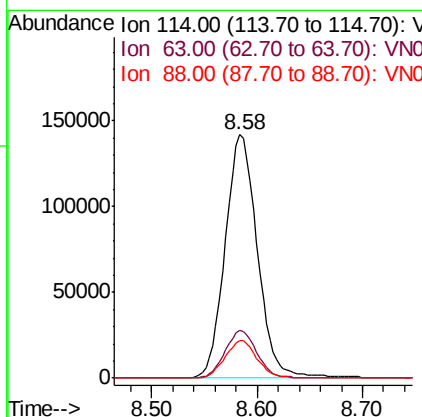
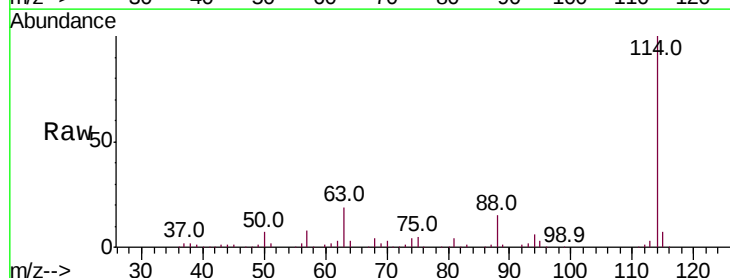
Instrument :
 MSVOA_N
 ClientSampled :
 14B-3

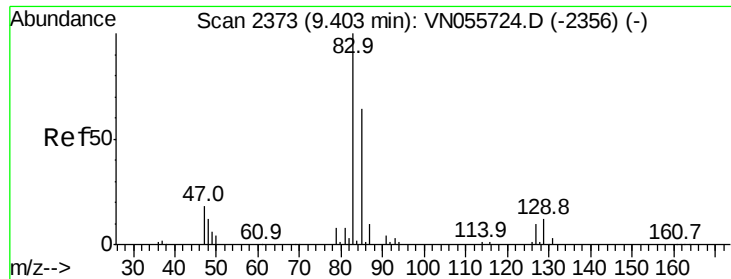
Tot Ion: 65 Resp: 114471
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055734.D
 Acq: 22 May 2019 22:22

Tgt Ion: 114 Resp: 300549
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.6 23.4
 88 15.5 12.3 18.5





#41

Bromodichloromethane

Concen: 4.345 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055734.D

Acq: 22 May 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

14B-3

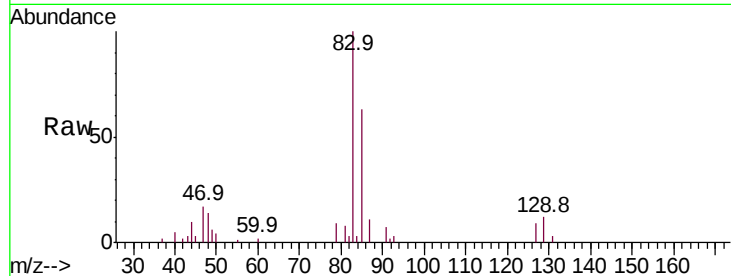
Tot Ion: 83 Resp: 20080

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.0

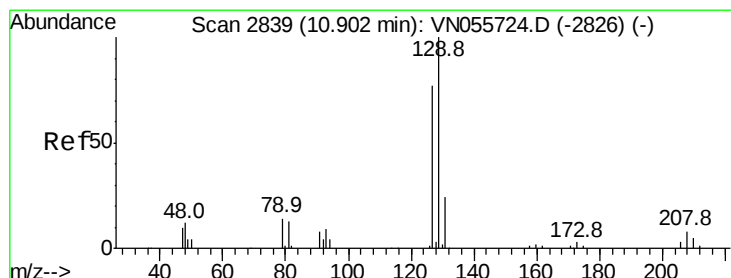
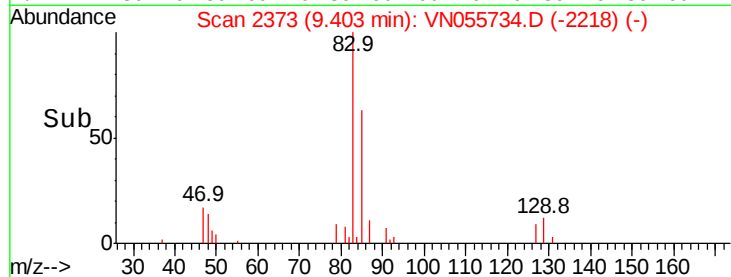
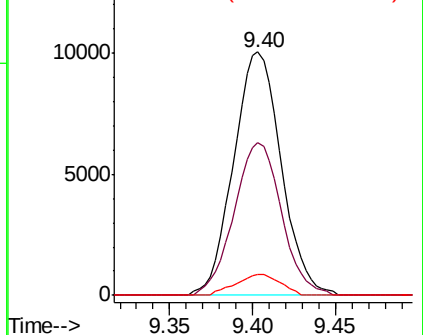
127 8.5 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VN055734.D (-2356) (-)

Ion 85.00 (84.70 to 85.70): VN055734.D (-2356) (-)

Ion 127.00 (126.70 to 127.70): VN055734.D (-2356) (-)



#53

Dibromochloromethane

Concen: 0.406 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN055734.D

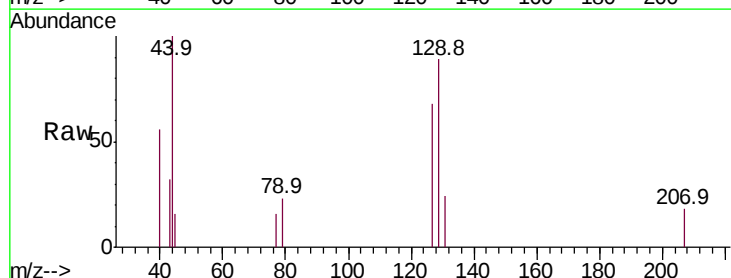
Acq: 22 May 2019 22:22

Tgt Ion: 129 Resp: 1573

Ion Ratio Lower Upper

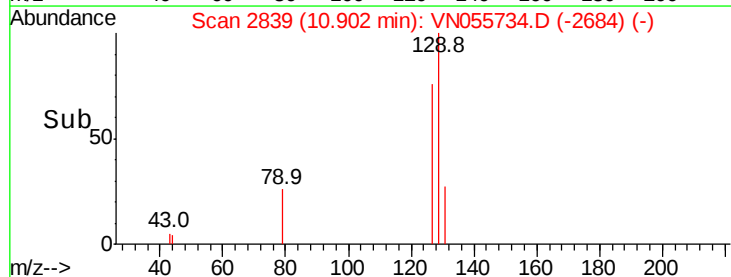
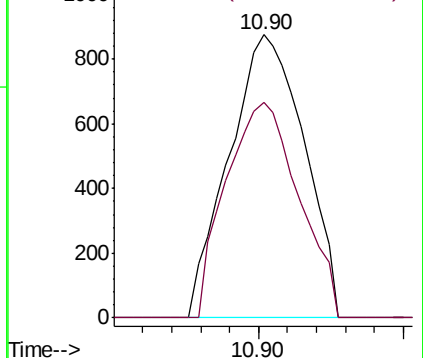
129 100

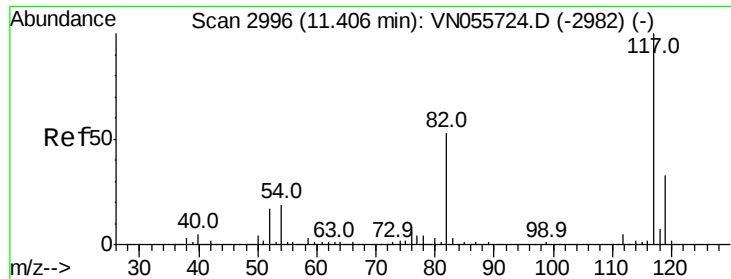
127 74.0 39.2 117.6



Abundance Ion 129.00 (128.70 to 129.70): VN055734.D (-2826) (-)

Ion 127.00 (126.70 to 127.70): VN055734.D (-2826) (-)

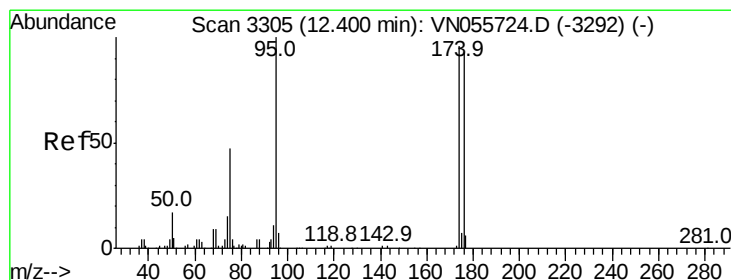
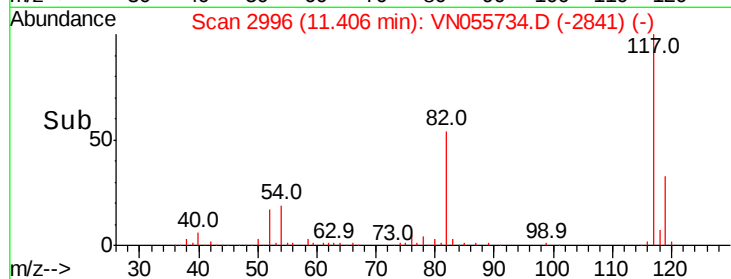
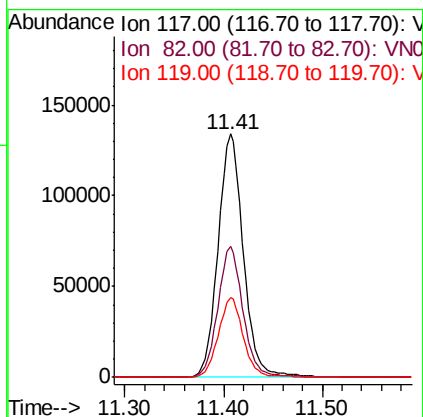
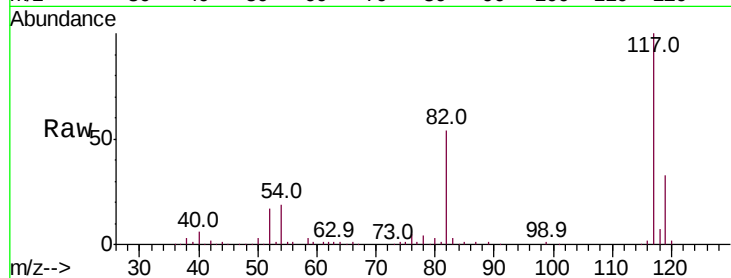




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055734.D
Acq: 22 May 2019 22:22

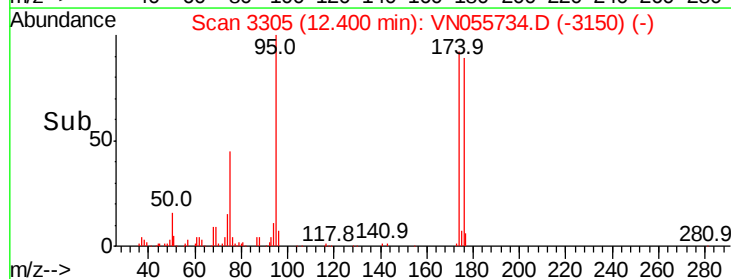
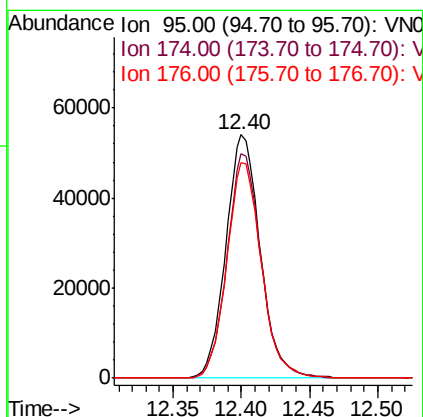
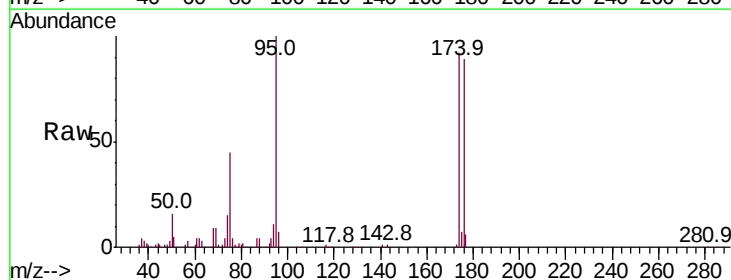
Instrument :
MSVOA_N
ClientSampled :
14B-3

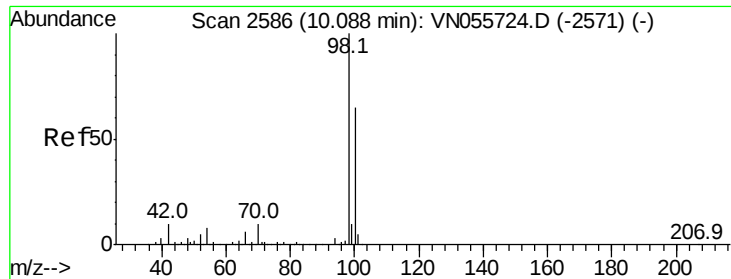
Tot Ion:117 Resp: 241429
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 32.4 25.9 38.9



#60
4-Bromofluorobenzene
Concen: 25.180 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055734.D
Acq: 22 May 2019 22:22

Tgt Ion: 95 Resp: 94570
Ion Ratio Lower Upper
95 100
174 91.2 75.7 113.5
176 88.8 74.1 111.1





#63

Toluene-d8

Concen: 32.032 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055734.D

Acq: 22 May 2019 22:22

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 353415

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

