

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073635.D
 Acq On : 29 Jul 2022 15:20
 Operator : JC\MD
 Sample : N3958-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-IDWGW-20220727

Quant Time: Aug 01 03:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

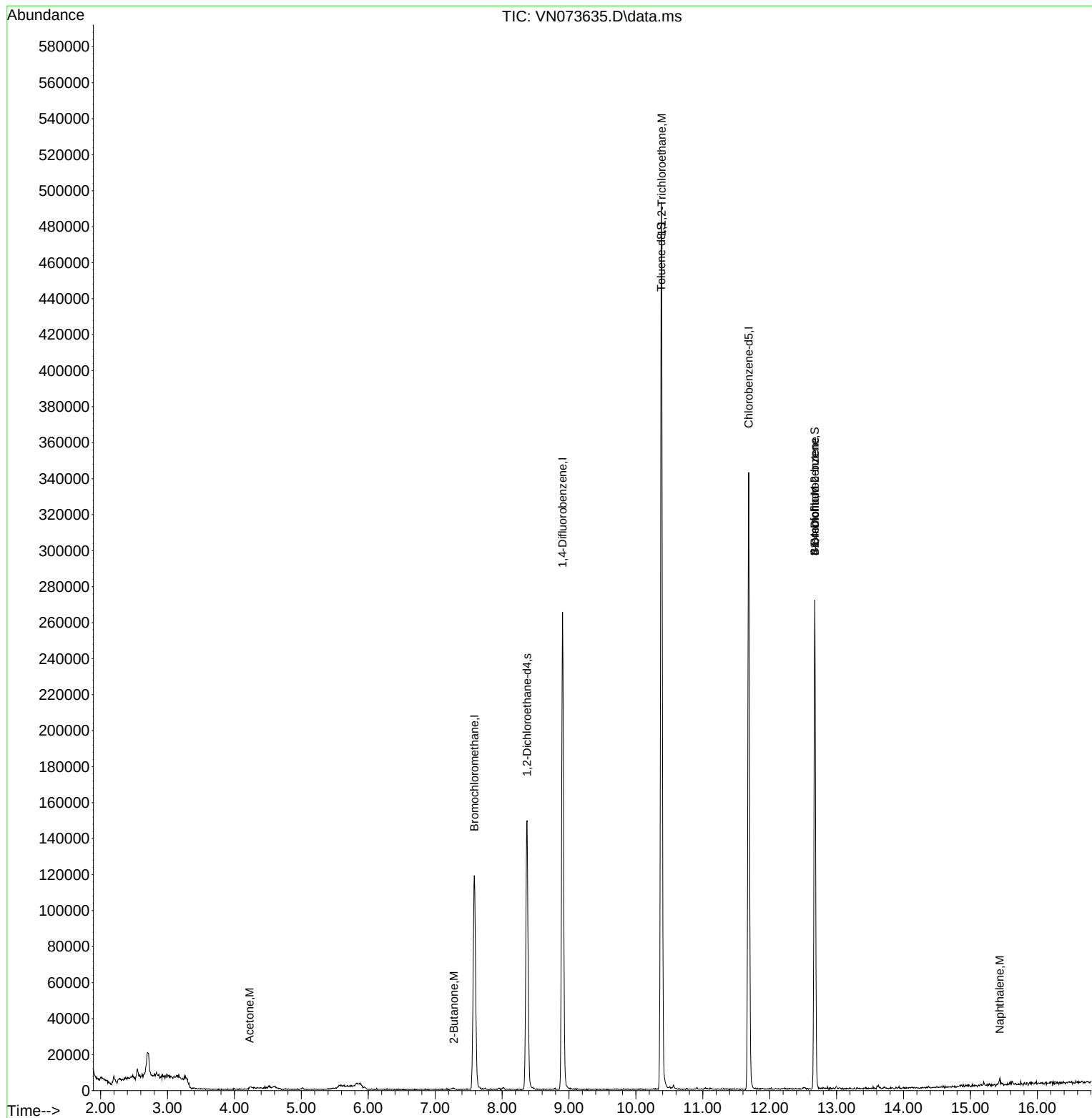
Internal Standards						
1) Bromochloromethane	7.587	128	46063	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	237692	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	204622	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	122629	30.790	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.633%
60) 4-Bromofluorobenzene	12.674	95	88584	24.450	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.500%
63) Toluene-d8	10.380	98	341976	29.681	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.933%
Target Compounds						
					Qvalue	
15) Acetone	4.228	58	324	0.515	ug/l #	40
30) 2-Butanone	7.281	43	929	0.303	ug/l #	53
50) 1,1,2-Trichloroethane	10.386	97	11138	3.018	ug/l #	1
56) Bromoform	12.674	173	767	0.261	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.674	75	45180	28.592	ug/l #	8
91) Naphthalene	15.439	128	3634	0.296	ug/l #	81

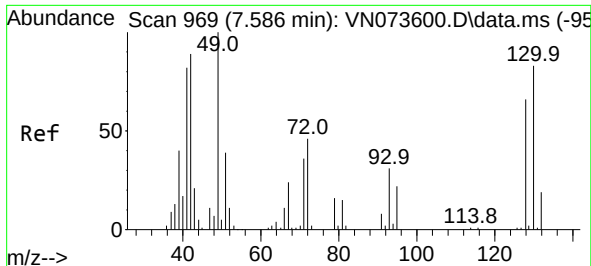
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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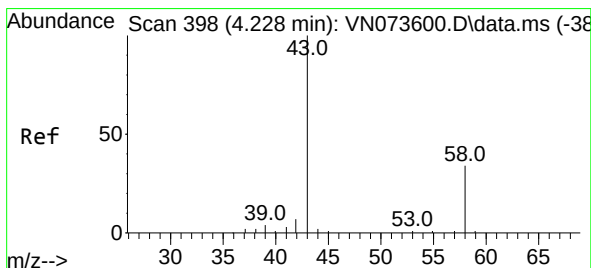
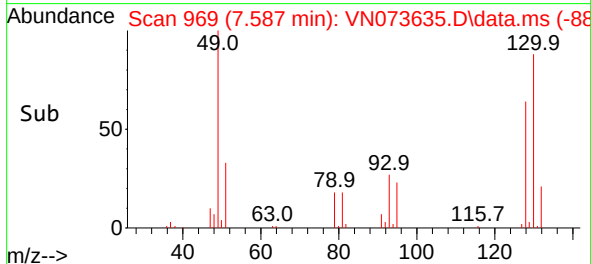
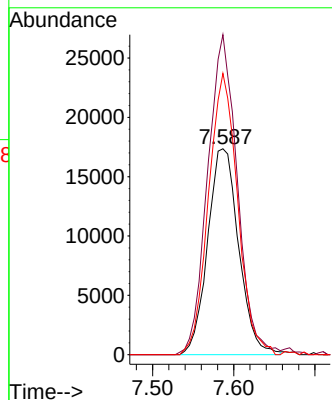
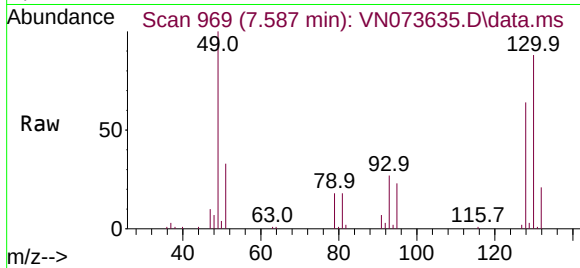




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

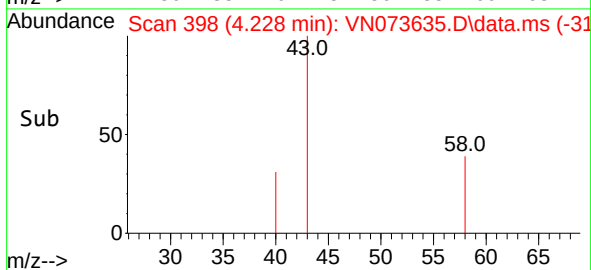
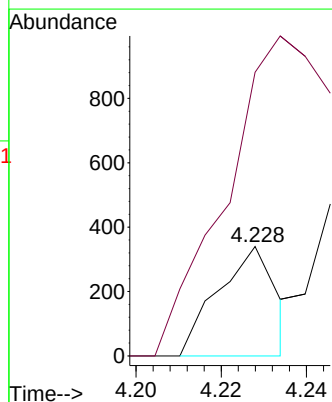
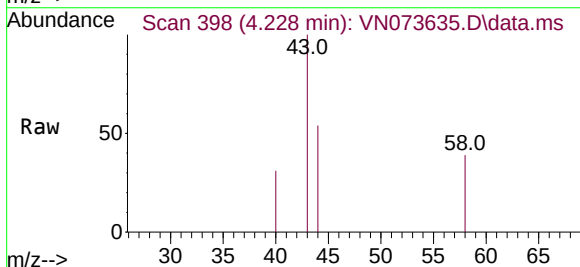
Instrument :
MSVOA_N
ClientSampleId :
RW9-IDWGW-20220727

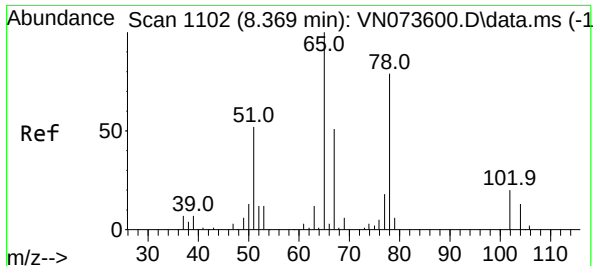
Tgt Ion:128 Resp: 46063
Ion Ratio Lower Upper
128 100
49 148.3 0.0 392.3
130 128.6 0.0 320.2



#15
Acetone
Concen: 0.515 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion: 58 Resp: 324
Ion Ratio Lower Upper
58 100
43 197.9 256.6 384.8#





#27

1,2-Dichloroethane-d4

Concen: 30.790 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073635.D

Acq: 29 Jul 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

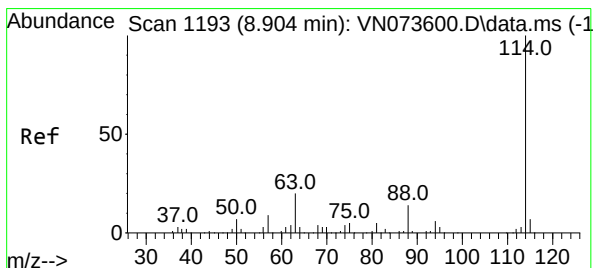
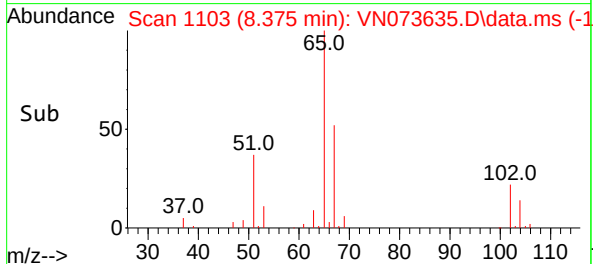
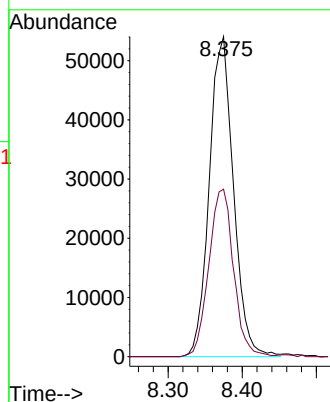
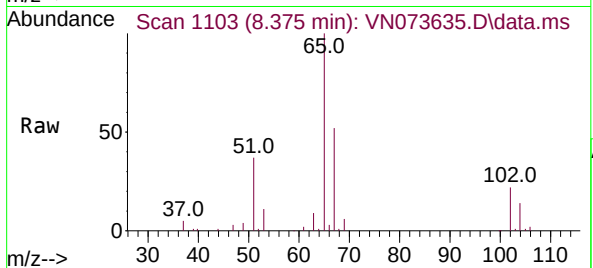
RW9-IDWGW-20220727

Tgt Ion: 65 Resp: 122629

Ion Ratio Lower Upper

65 100

67 53.4 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073635.D

Acq: 29 Jul 2022 15:20

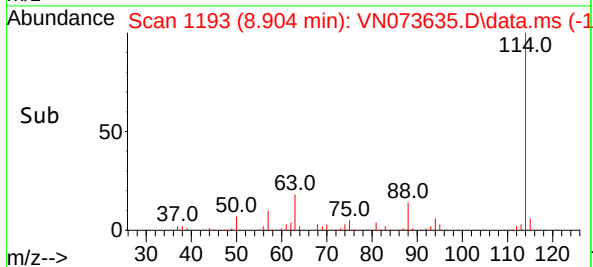
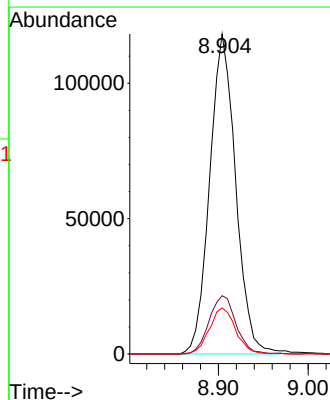
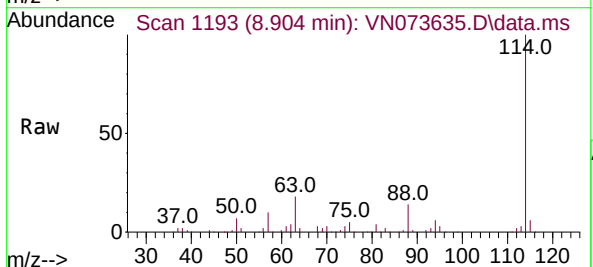
Tgt Ion: 114 Resp: 237692

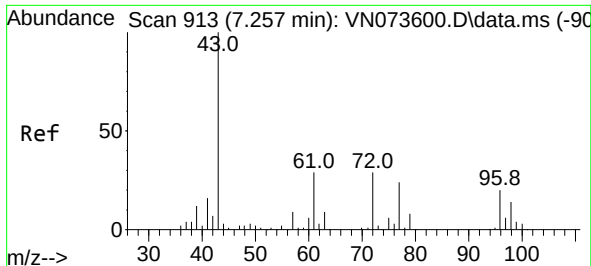
Ion Ratio Lower Upper

114 100

63 18.8 15.8 23.6

88 14.5 11.6 17.4

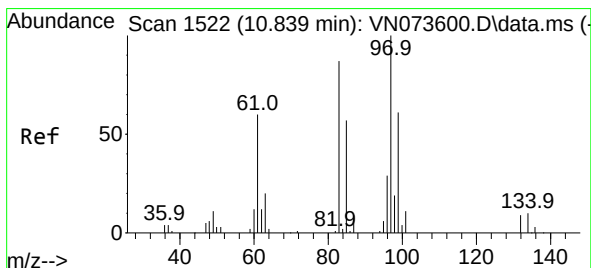
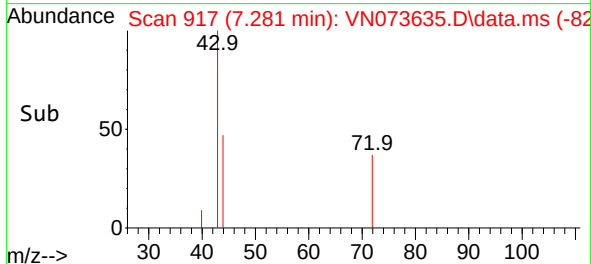
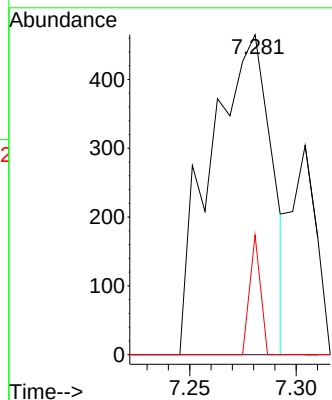
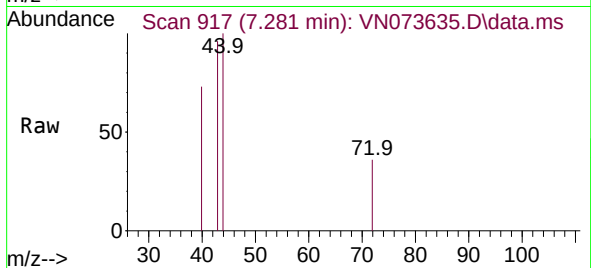




#30
2-Butanone
Concen: 0.303 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

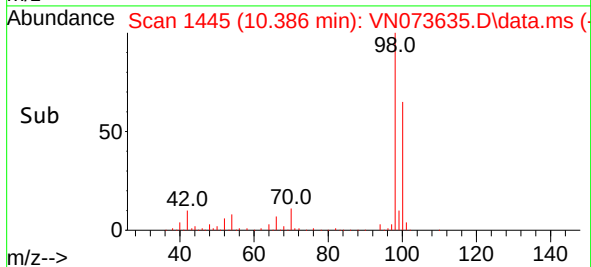
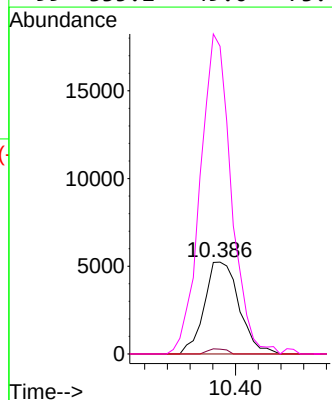
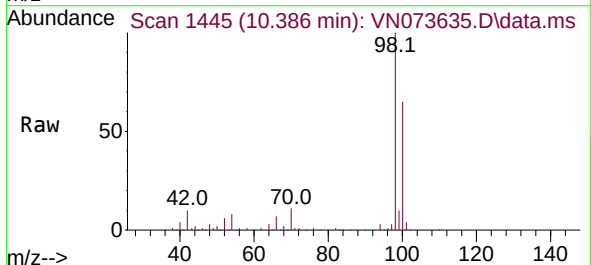
Instrument :
MSVOA_N
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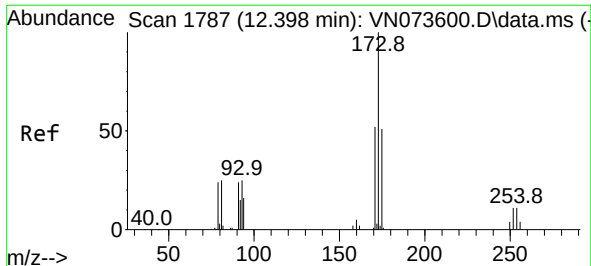
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 0.0 23.2 34.8#



#50
1,1,2-Trichloroethane
Concen: 3.018 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. -0.453 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion: 97 Resp: 11138
Ion Ratio Lower Upper
97 100
83 5.2 67.2 100.8#
85 0.0 43.0 64.4#
99 335.2 49.0 73.4#

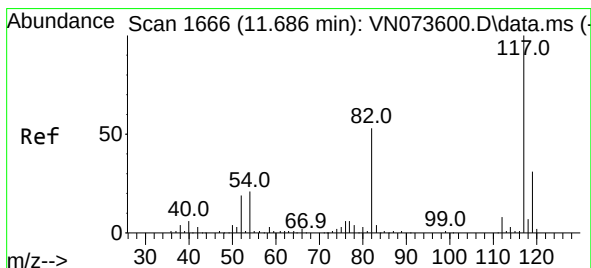
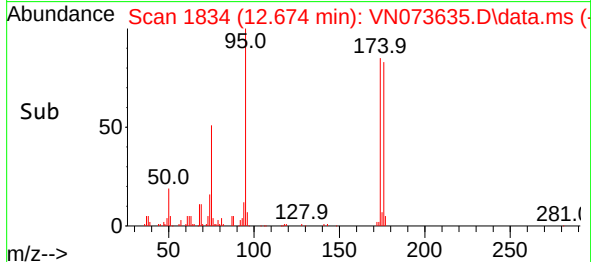
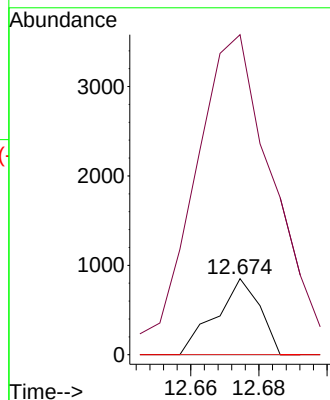
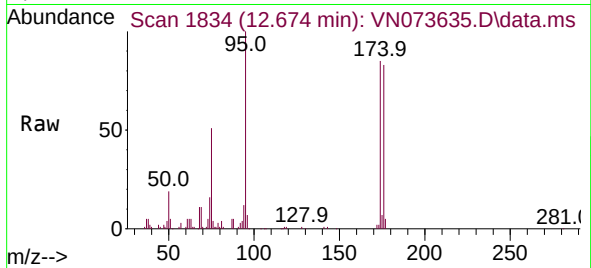




#56
Bromoform
Concen: 0.261 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.277 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

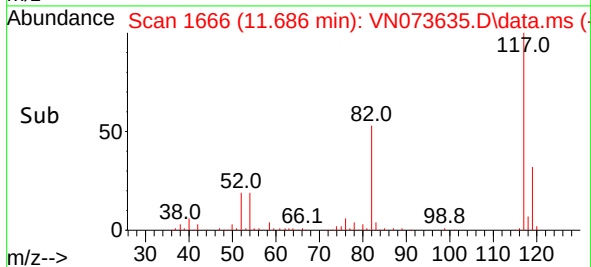
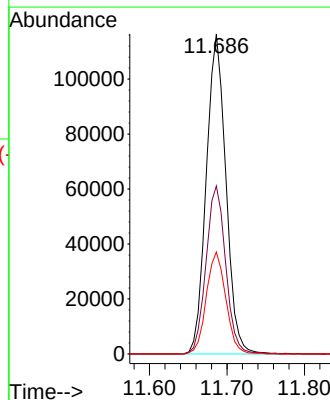
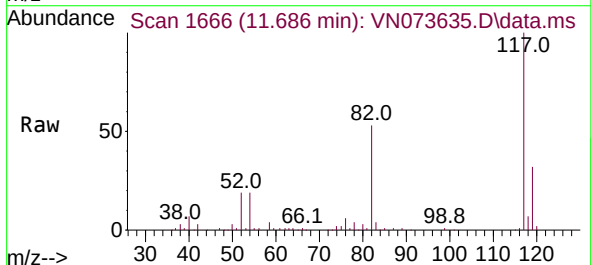
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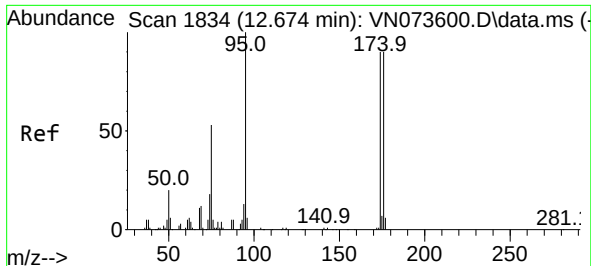
Tgt Ion:173 Resp: 767
Ion Ratio Lower Upper
173 100
175 751.1 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion:117 Resp: 204622
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 31.6 25.8 38.6

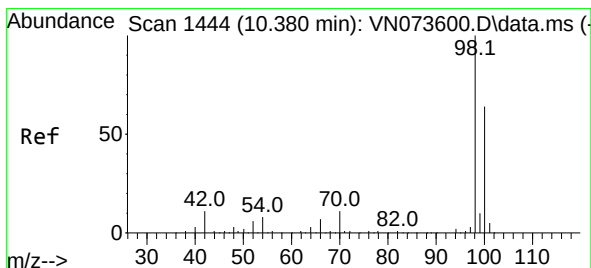
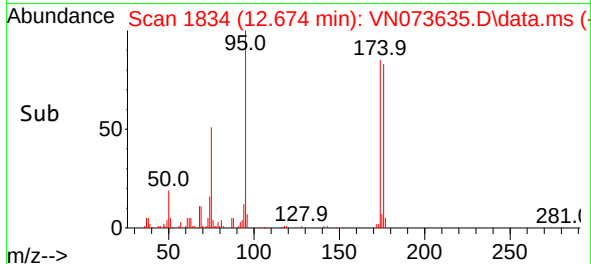
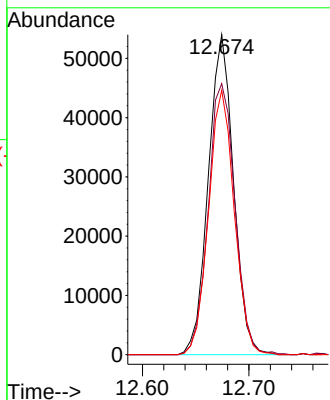
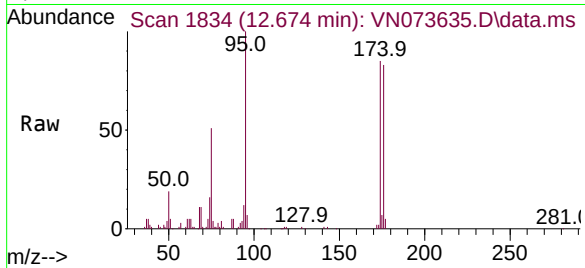




#60
4-Bromofluorobenzene
Concen: 24.450 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

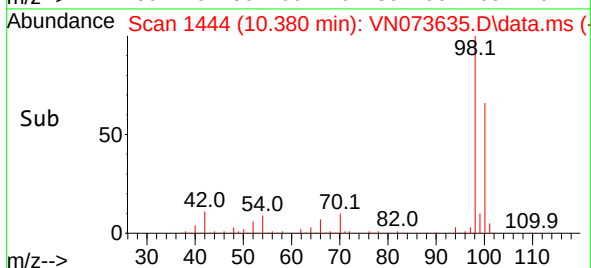
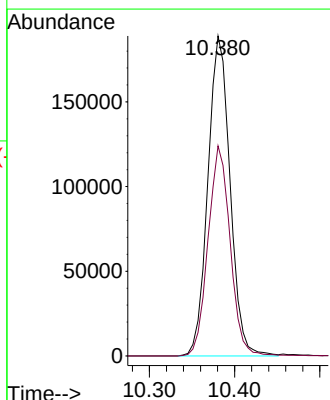
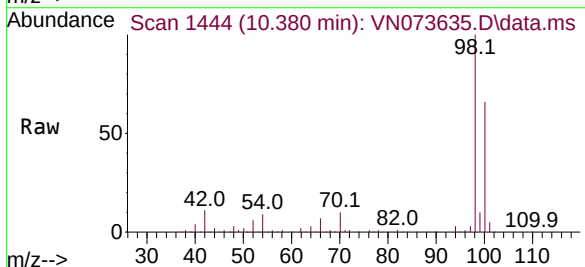
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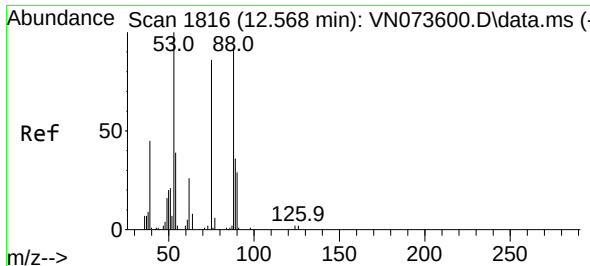
Tgt Ion: 95 Resp: 88584
Ion Ratio Lower Upper
95 100
174 89.8 62.9 94.3
176 84.4 61.0 91.4



#63
Toluene-d8
Concen: 29.681 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion: 98 Resp: 341976
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

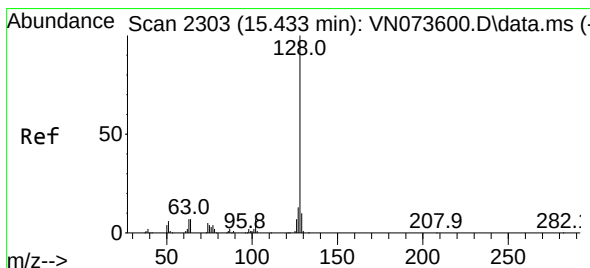
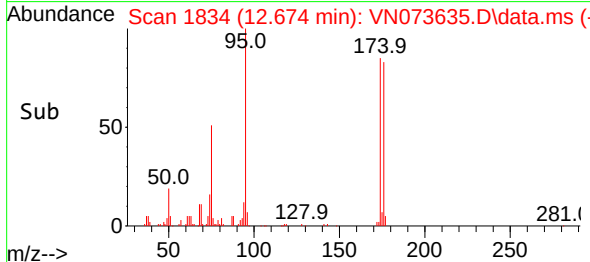
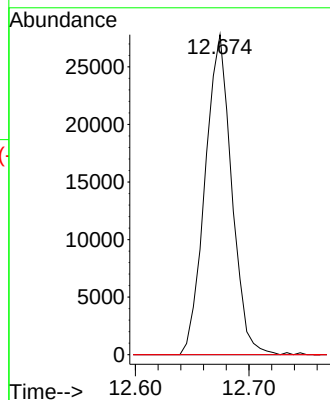
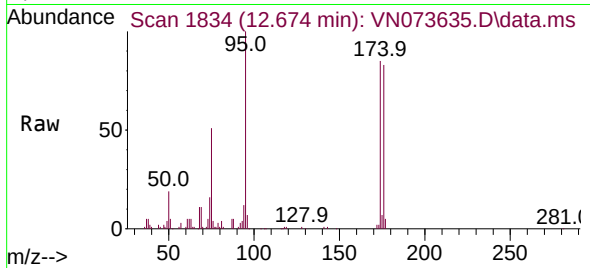




#77
t-1,4-Dichloro-2-butene
Concen: 28.592 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
RW9-IDWGW-20220727

Tgt Ion: 75 Resp: 45180
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#91
Naphthalene
Concen: 0.296 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073635.D
Acq: 29 Jul 2022 15:20

Tgt Ion: 128 Resp: 3634
Ion Ratio Lower Upper
128 100
127 4.6 10.7 16.1#
129 5.4 9.0 13.6#

