

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066725.D
 Acq On : 22 Apr 2021 19:22
 Operator : JC/MD
 Sample : M2150-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-20

Manual Integrations
 APPROVED

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Quant Time: Apr 23 06:31:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.114	128	46521	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	283702	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	236017	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	115703	34.52	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	115.07%#
60) 4-Bromofluorobenzene	12.349	95	80018	21.63	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	72.10%
63) Toluene-d8	10.029	98	348727	32.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.03%
Target Compounds						
						Qvalue
15) Acetone	3.761	58	3876	10.20	ug/l	80
30) 2-Butanone	6.762	43	3527m	1.64	ug/l	
64) Chlorobenzene	11.375	112	5471	0.68	ug/l	97
91) Naphthalene	15.079	128	49575	6.35	ug/l	96

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

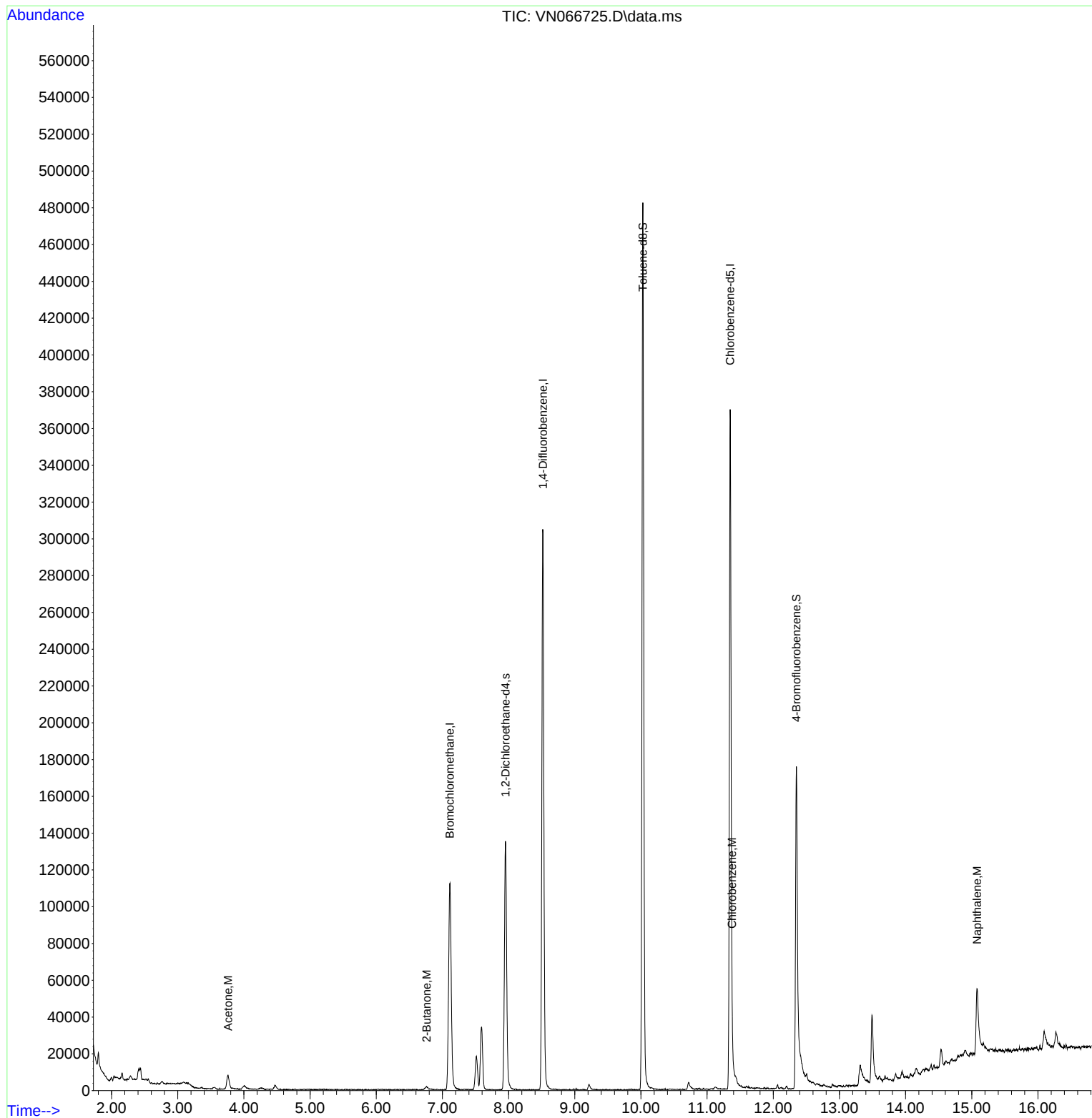
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
Data File : VN066725.D
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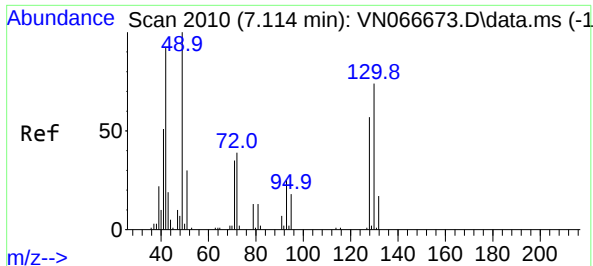
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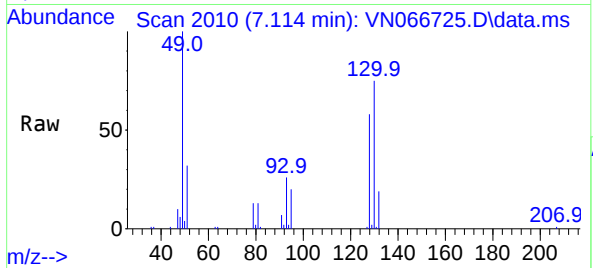
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Quant Time: Apr 23 06:31:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Apr 21 16:55:39 2021
Response via : Initial Calibration

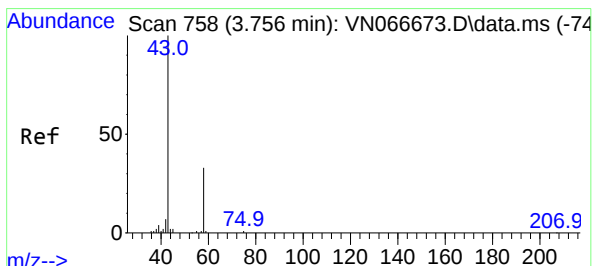
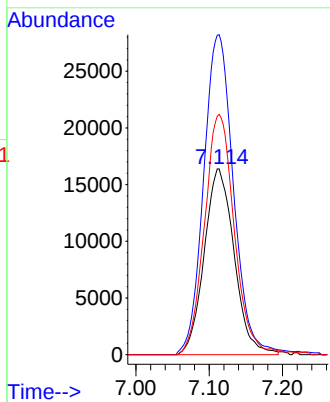
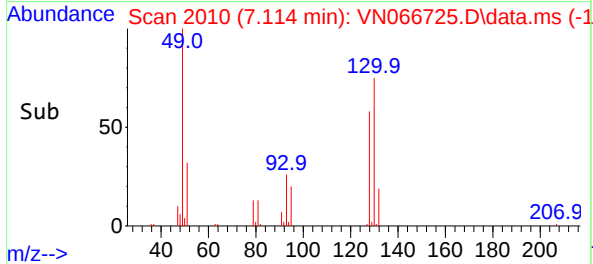




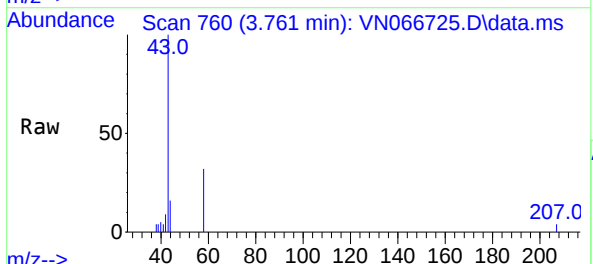
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.114 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



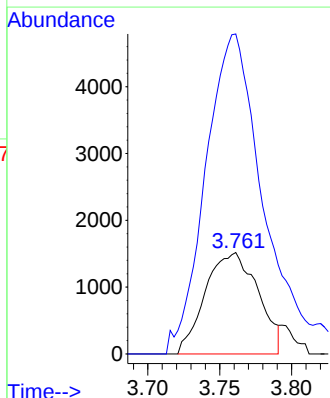
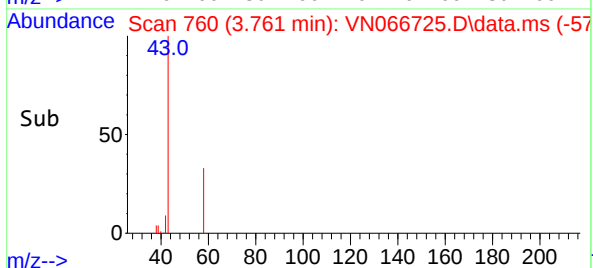
Tgt Ion:128 Resp: 46521
Ion Ratio Lower Upper
128 100
49 172.0 0.0 429.3
130 127.6 0.0 328.5



#15
Acetone
Concen: 10.20 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.005 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



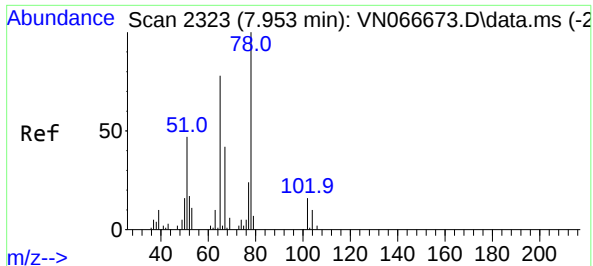
Tgt Ion: 58 Resp: 3876
Ion Ratio Lower Upper
58 100
43 292.5 267.3 400.9



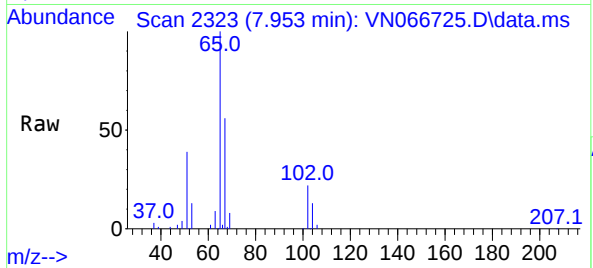
Instrument :
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ClientSampleId :
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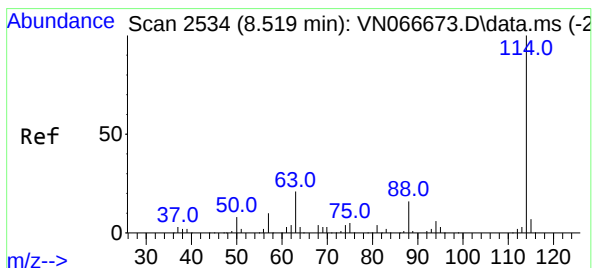
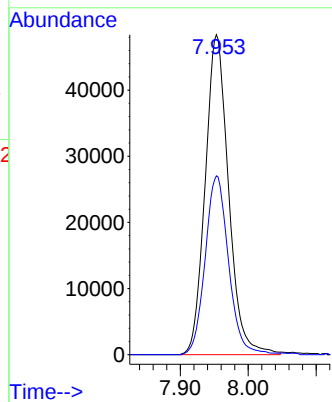
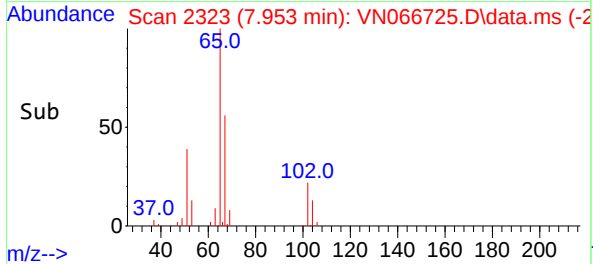
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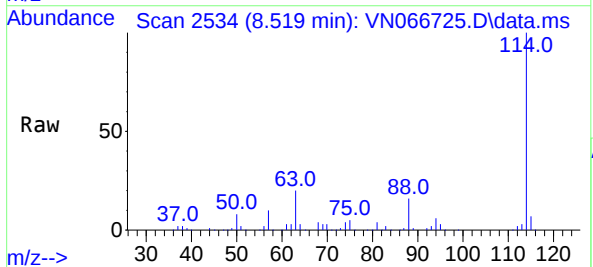
#27
1,2-Dichloroethane-d4
Concen: 34.52 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



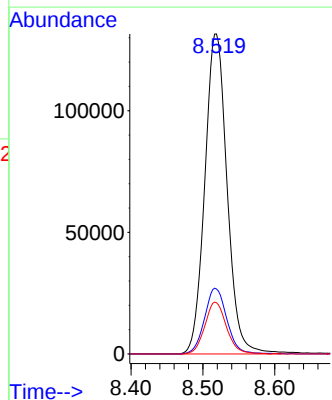
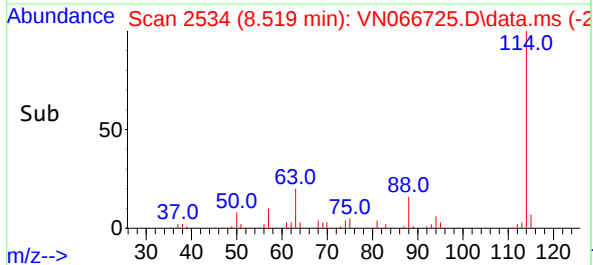
Tgt Ion: 65 Resp: 115703
Ion Ratio Lower Upper
65 100
67 55.8 42.2 63.4



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



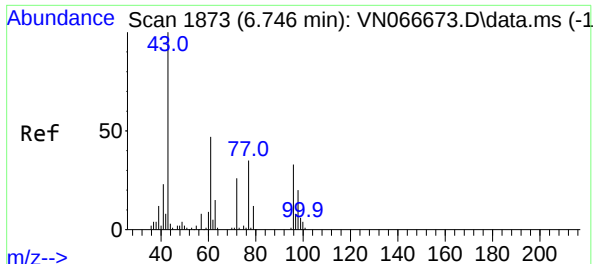
Tgt Ion: 114 Resp: 283702
Ion Ratio Lower Upper
114 100
63 20.6 17.4 26.0
88 15.8 12.6 19.0



Instrument :
MSVOA_N
ClientSampleId :
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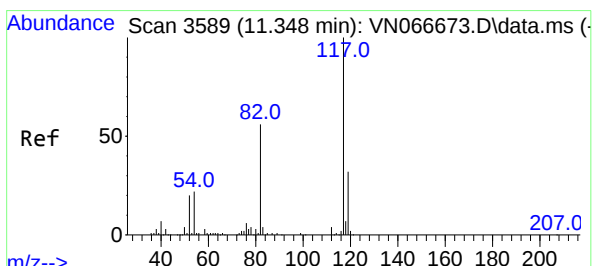
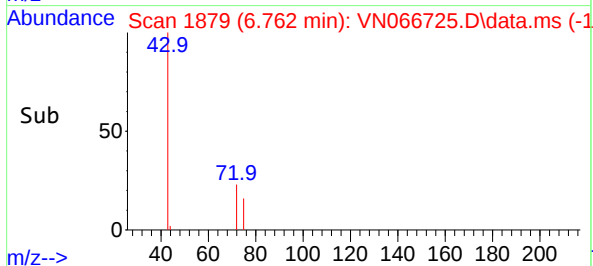
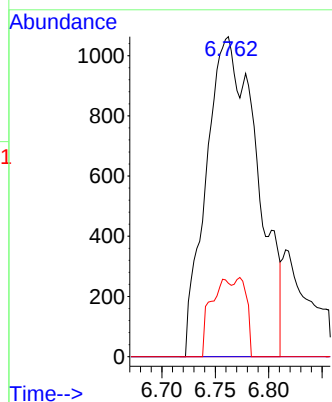
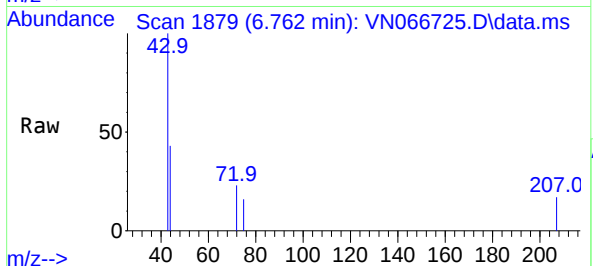
#30
2-Butanone
Concen: 1.64 ug/l m
RT: 6.762 min Scan# 1879
Delta R.T. 0.016 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22

Tgt Ion: 43	Resp: 3527
Ion Ratio	Lower Upper
43 100	
57 0.0	6.9 10.3#
72 1.4	20.9 31.3#

Instrument :
MSVOA_N
ClientSampled :
TWP-20

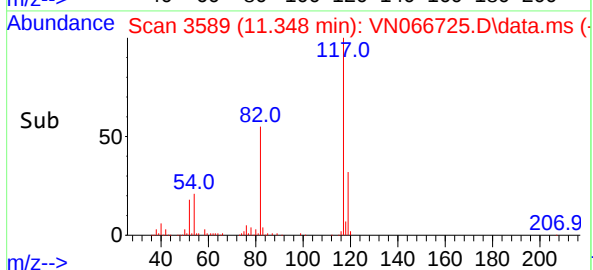
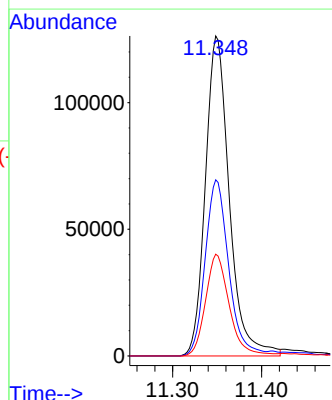
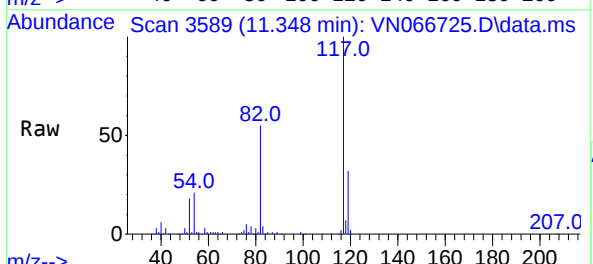
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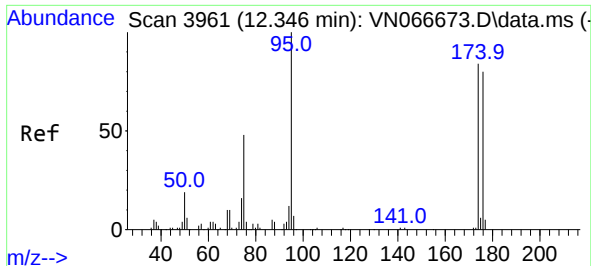
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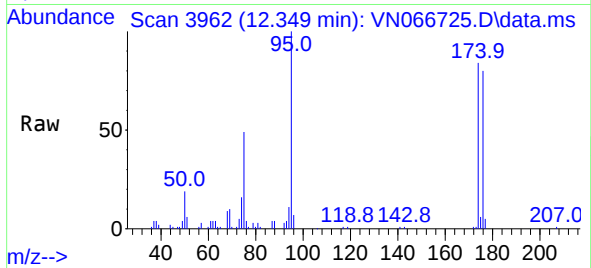
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22

Tgt Ion:117	Resp:	236017	
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.6
119	31.5	25.5	38.3

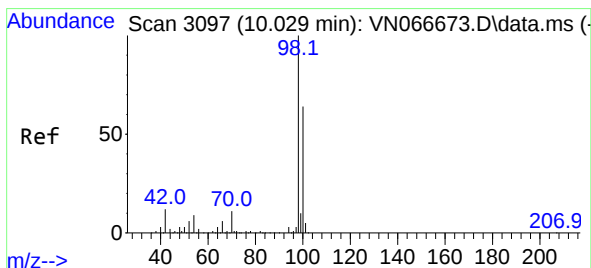
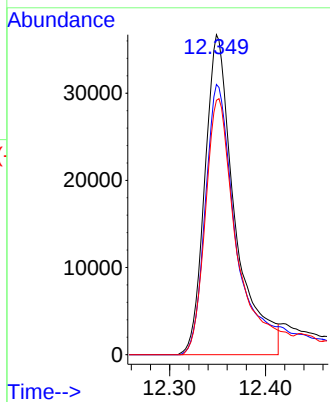
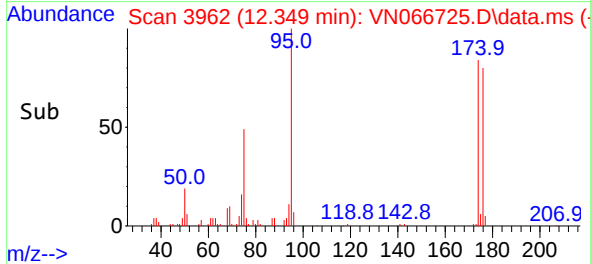




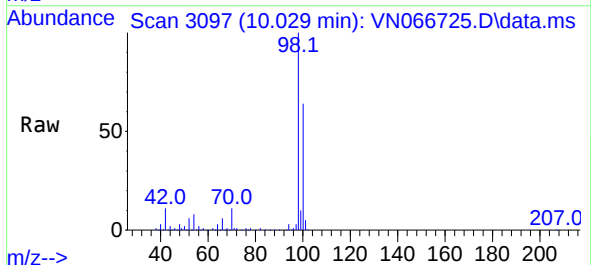
#60
4-Bromofluorobenzene
Concen: 21.63 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



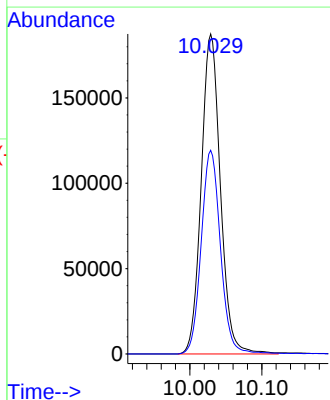
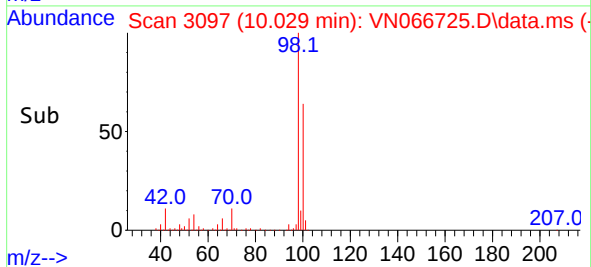
Tgt Ion: 95 Resp: 80018
Ion Ratio Lower Upper
95 100
174 85.8 68.1 102.1
176 85.3 65.4 98.0



#63
Toluene-d8
Concen: 32.11 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



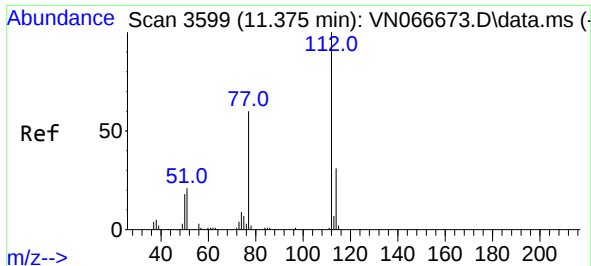
Tgt Ion: 98 Resp: 348727
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



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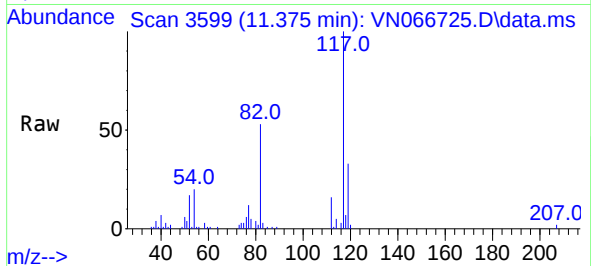
Manual Integrations
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#64
Chlorobenzene
Concen: 0.68 ug/l
RT: 11.375 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22

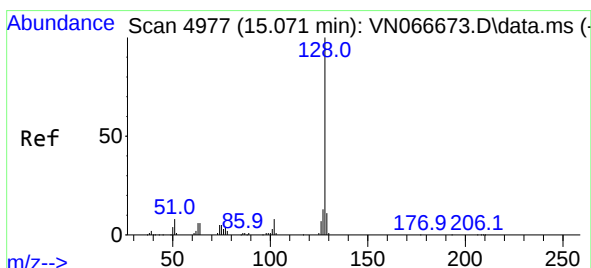
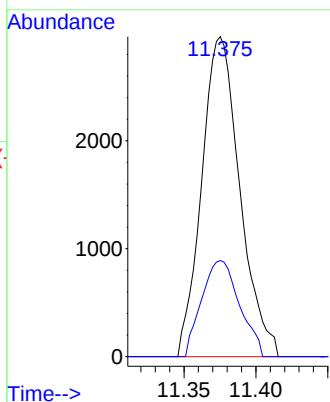
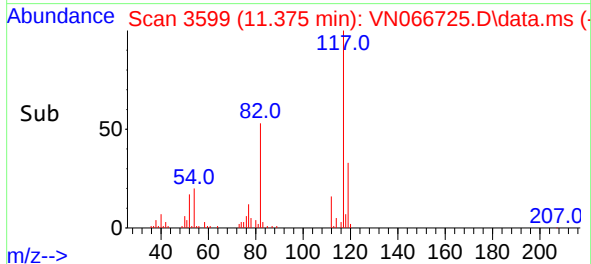
Instrument :
MSVOA_N
ClientSampled :
TWP-20



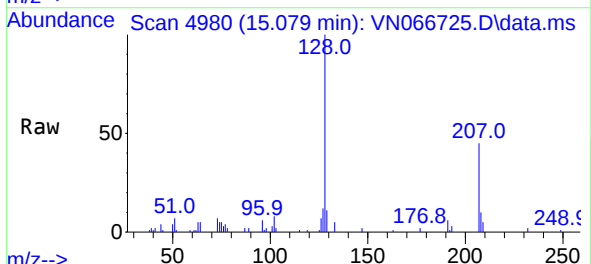
Tgt Ion:112 Resp: 5471
Ion Ratio Lower Upper
112 100
114 30.1 25.6 38.4

Manual Integrations
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#91
Naphthalene
Concen: 6.35 ug/l
RT: 15.079 min Scan# 4980
Delta R.T. 0.008 min
Lab File: VN066725.D
Acq: 22 Apr 2021 19:22



Tgt Ion:128 Resp: 49575
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.2
129 9.8 8.6 13.0

