

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028419.D
 Acq On : 29 Apr 2022 13:29
 Operator : JC/MD
 Sample : N2550-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DYCKMAN-200ST-A51515T50SB

Quant Time: Apr 29 15:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Bromochloromethane	4.904	128	55169	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	309683	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	271607	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	117012	33.351	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.167%#
60) 4-Bromofluorobenzene	11.079	95	119068	28.189	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.967%
63) Toluene-d8	8.653	98	359472	31.242	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.133%
Target Compounds						
25) Chloroform	5.093	83	6074m	1.126	ug/l	Qvalue

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

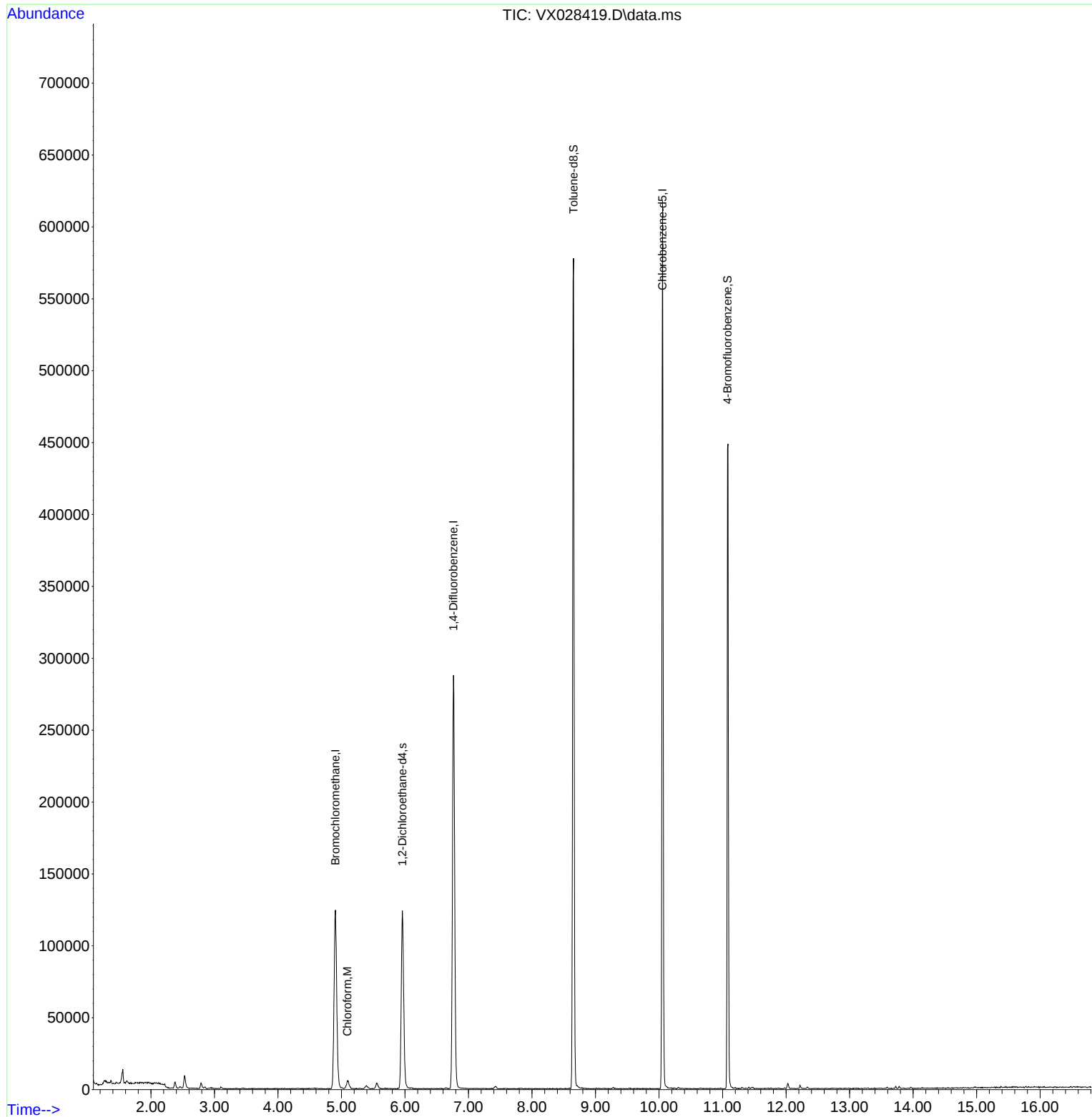
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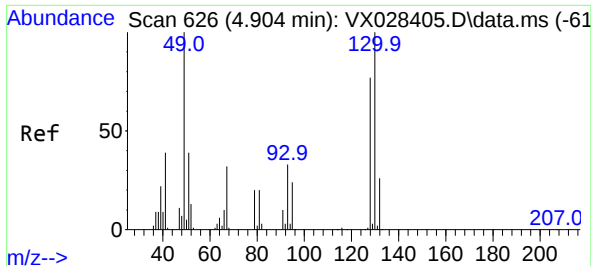
Instrument :
MSVOA_X
ClientSampleId :
DYCKMAN-200ST-A51515T50SB

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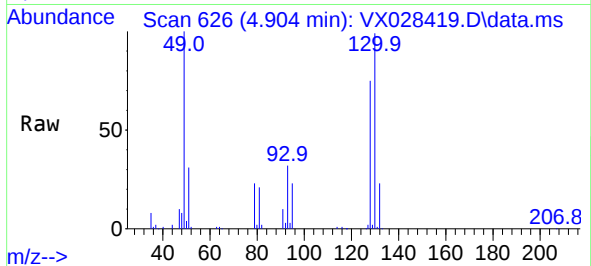
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29

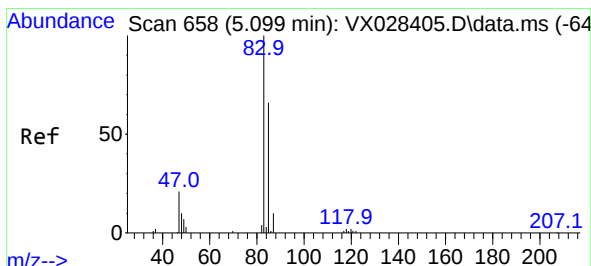
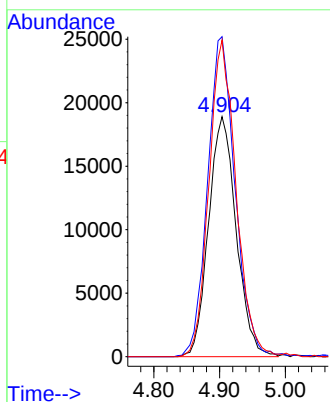
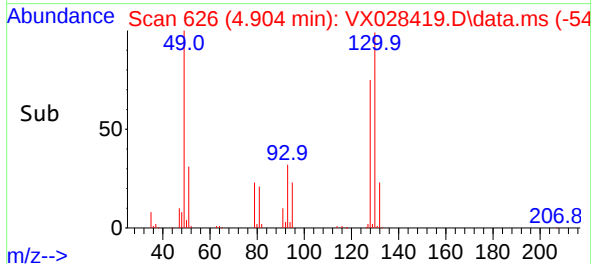
Instrument :
MSVOA_X
ClientSampleId :
DYCKMAN-200ST-A51515T50SB



Tgt Ion:128 Resp: 55169
Ion Ratio Lower Upper
128 100
49 132.4 0.0 358.3
130 129.1 0.0 319.3

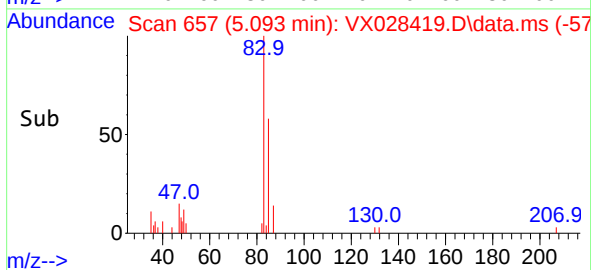
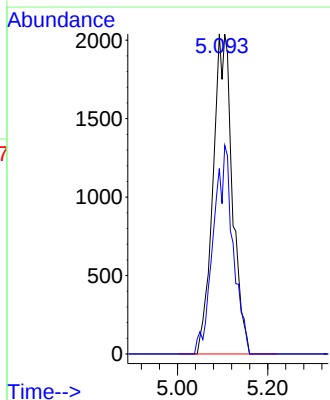
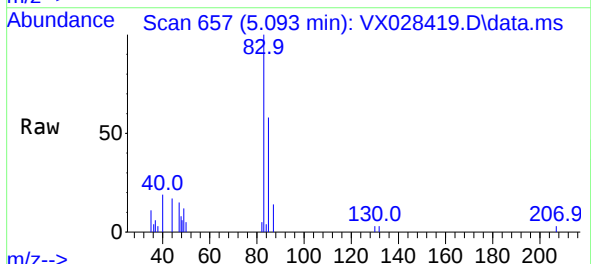
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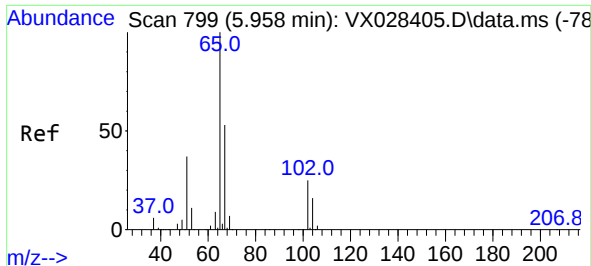
Reviewed By :John Carlone 04/29/2022
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#25
Chloroform
Concen: 1.126 ug/l m
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29

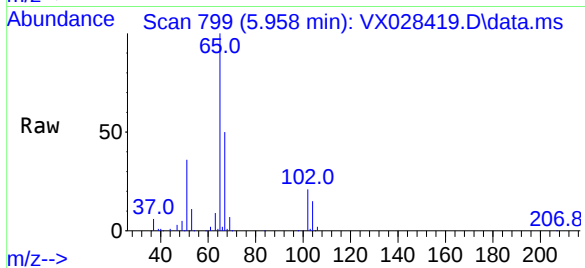
Tgt Ion: 83 Resp: 6074
Ion Ratio Lower Upper
83 100
85 57.9 49.9 74.9





#27
1,2-Dichloroethane-d4
Concen: 33.351 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29

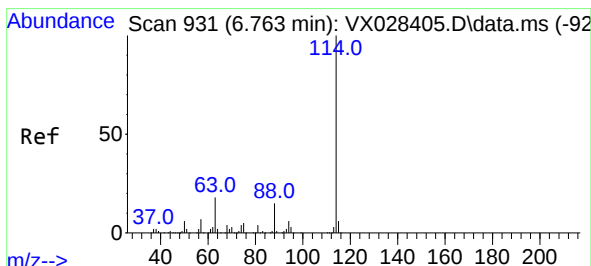
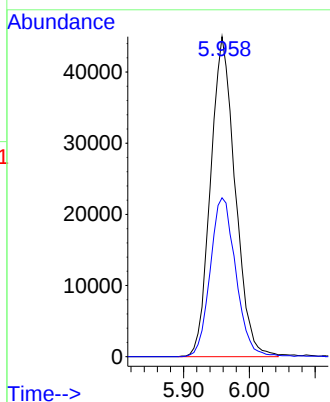
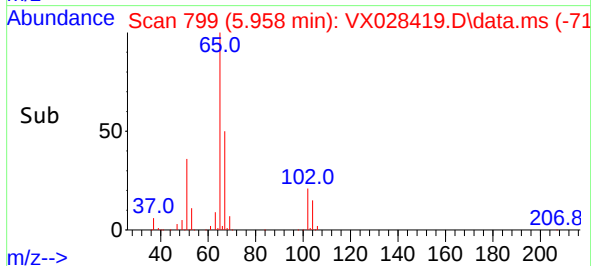
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Client SampleId : DYCKMAN-200ST-A51515T50SB



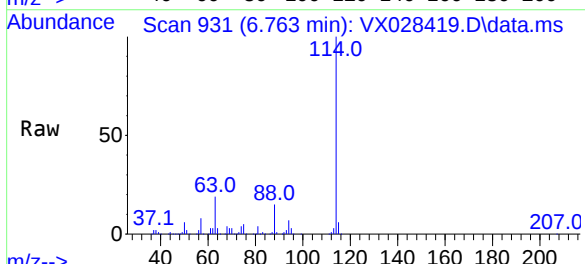
Tgt Ion: 65 Resp: 11701
Ion Ratio Lower Upper
65 100
67 51.4 42.3 63.5

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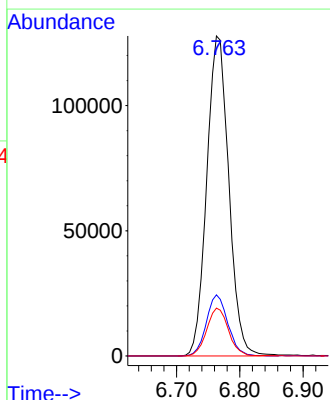
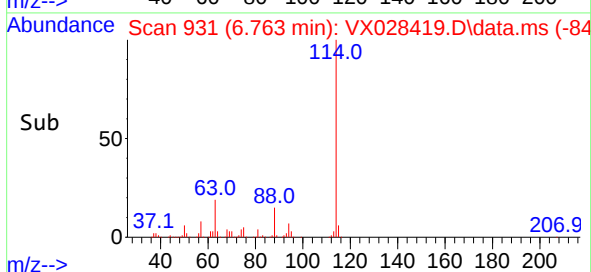
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 05/02/2022

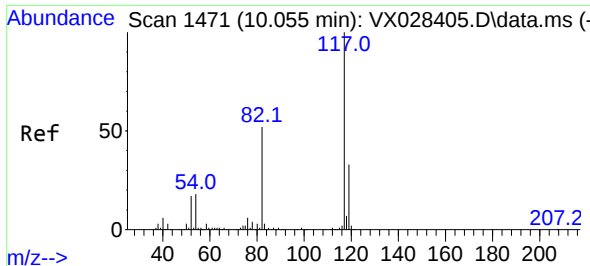


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29



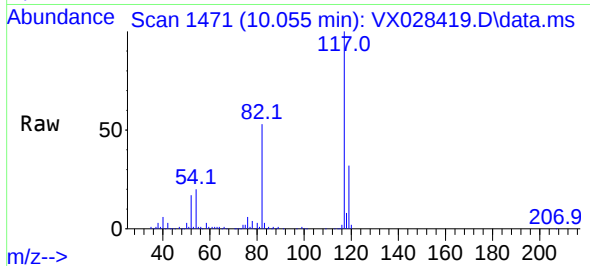
Tgt Ion:114 Resp: 309683
Ion Ratio Lower Upper
114 100
63 18.6 15.3 22.9
88 14.7 12.2 18.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29

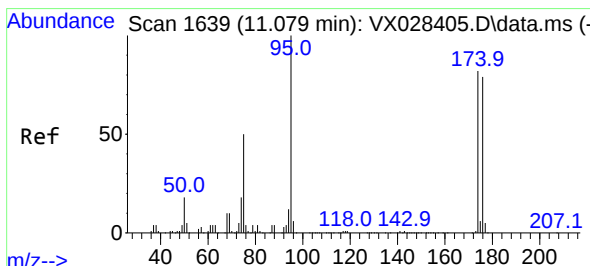
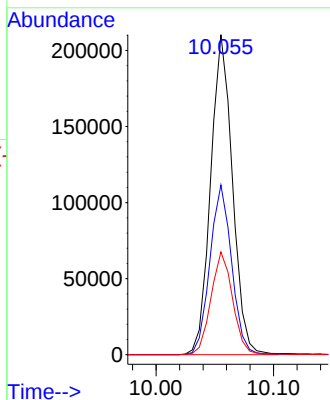
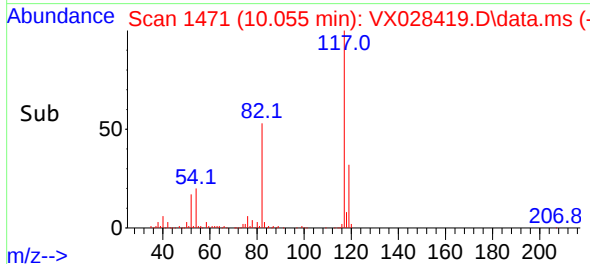
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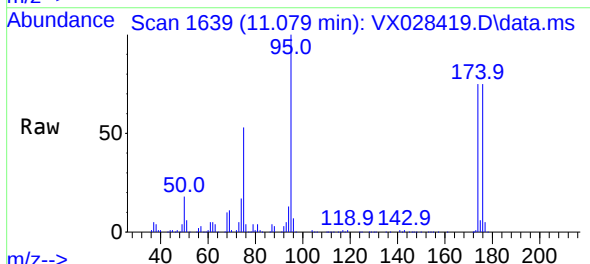
Tgt Ion: 117 Resp: 271607
Ion Ratio Lower Upper
117 100
82 53.1 42.3 63.5
119 31.9 26.2 39.2

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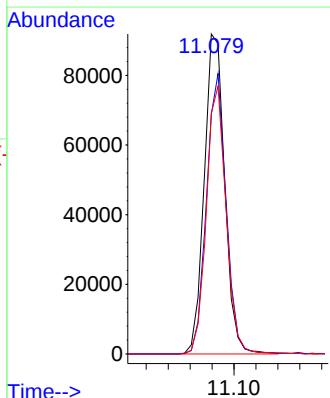
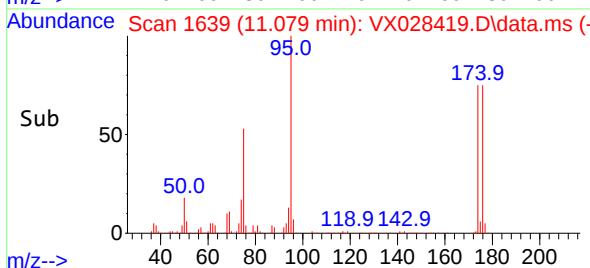
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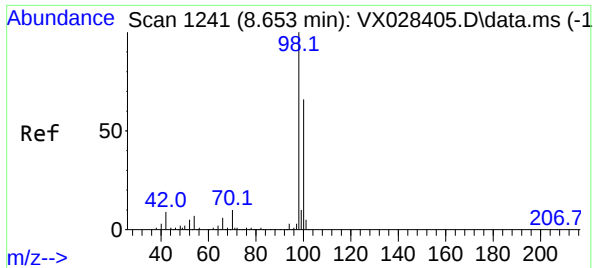


#60
4-Bromofluorobenzene
Concen: 28.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29



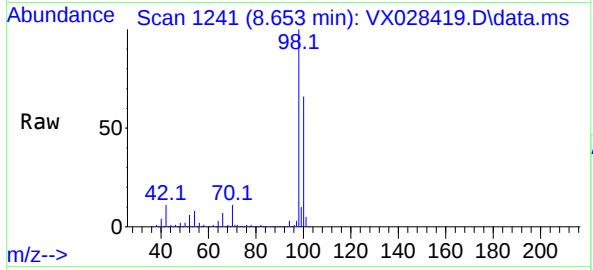
Tgt Ion: 95 Resp: 119068
Ion Ratio Lower Upper
95 100
174 83.3 65.4 98.2
176 80.4 63.4 95.0





#63
Toluene-d8
Concen: 31.242 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028419.D
Acq: 29 Apr 2022 13:29

Instrument : MSVOA_X
ClientSampleId : DYCKMAN-200ST-A51515T50SB



Tgt Ion: 98 Resp: 359472
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

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