

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041637.D
 Acq On : 23 May 2024 18:28
 Operator : JC/MD
 Sample : P2584-02 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-DSN-002

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 06:46:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	26114	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	141926	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	128769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	60602	29.469	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.233%		
60) 4-Bromofluorobenzene	11.079	95	56382	28.048	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.500%		
63) Toluene-d8	8.647	98	161847	29.321	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.733%		
Target Compounds						
15) Acetone	2.392	58	24545	103.550	ug/l	Qvalue 96
18) Methylene Chloride	2.788	84	2165	1.362	ug/l #	88
25) Chloroform	5.099	83	1303m	0.437	ug/l	

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

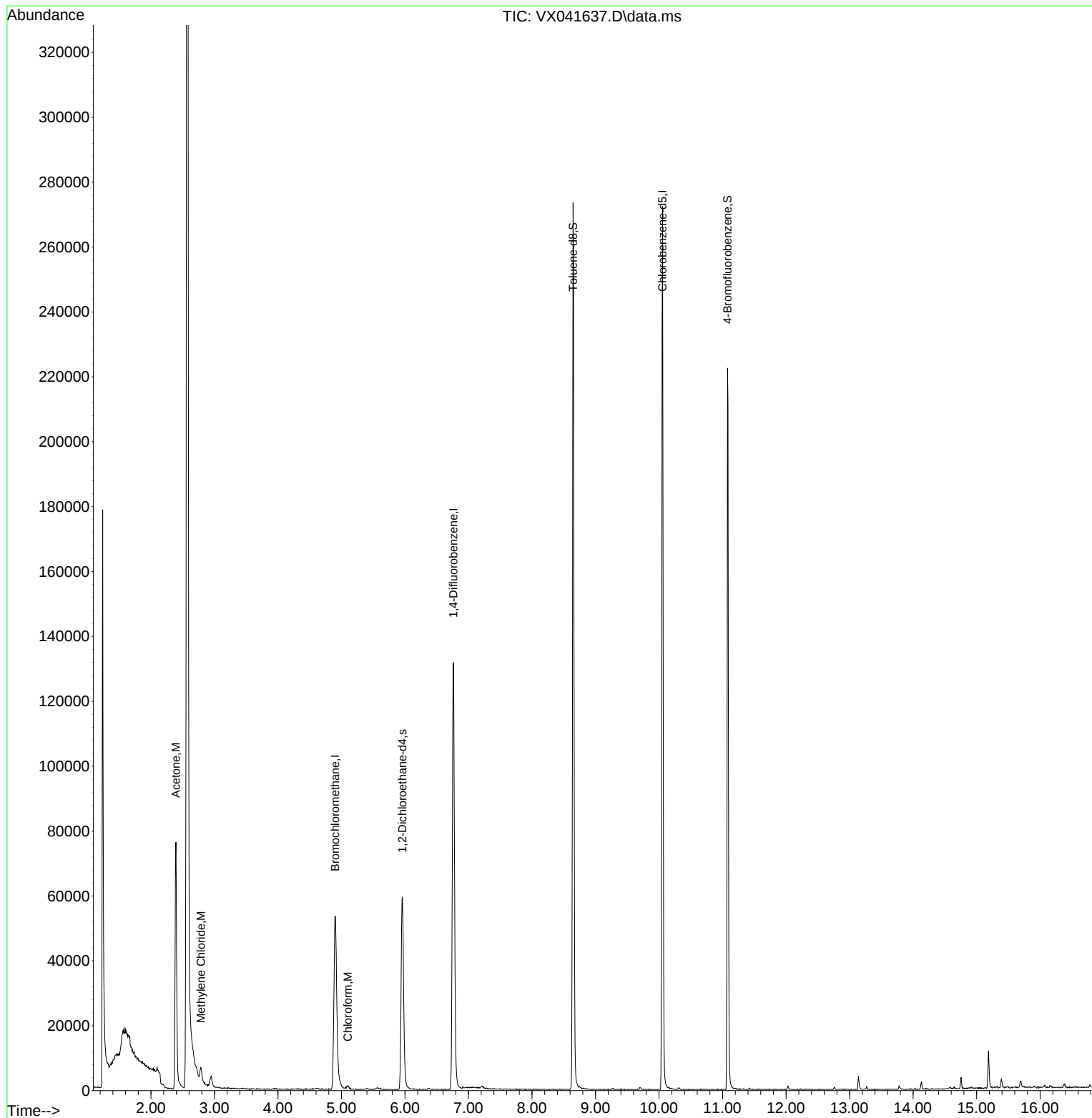
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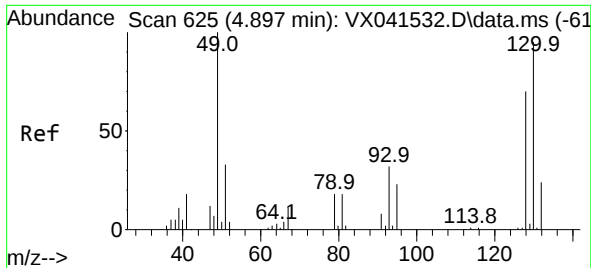
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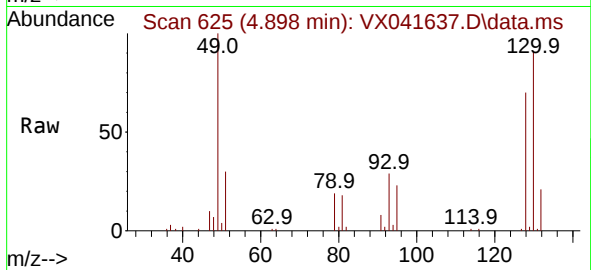
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

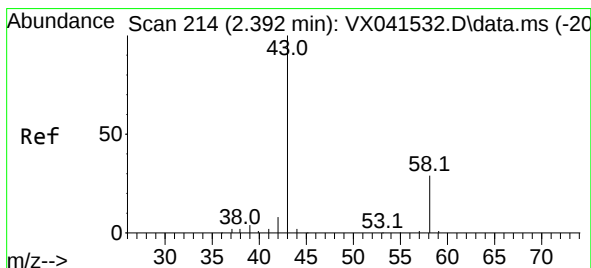
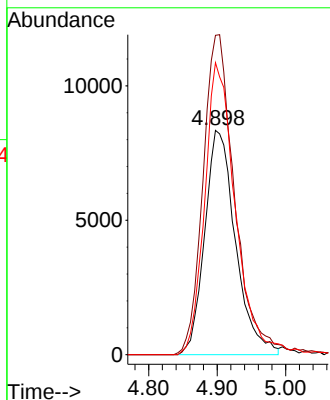
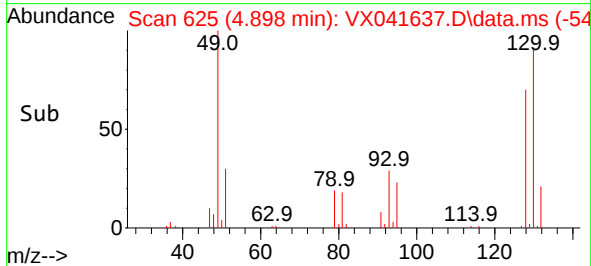
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion:128 Resp: 26114
Ion Ratio Lower Upper
128 100
49 145.4 0.0 361.5
130 129.5 0.0 324.3

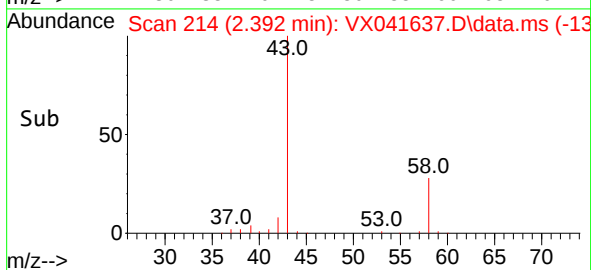
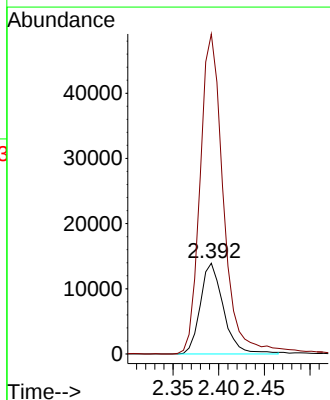
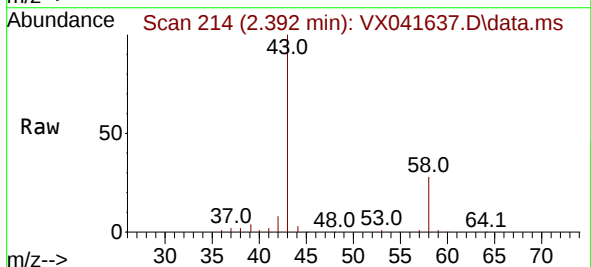
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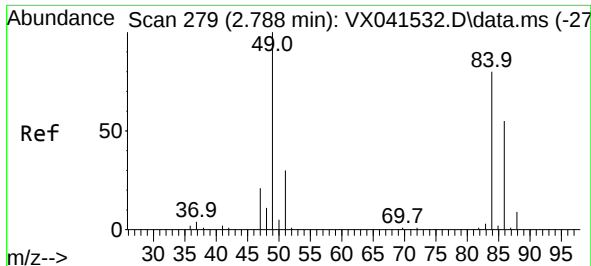
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#15
Acetone
Concen: 103.550 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

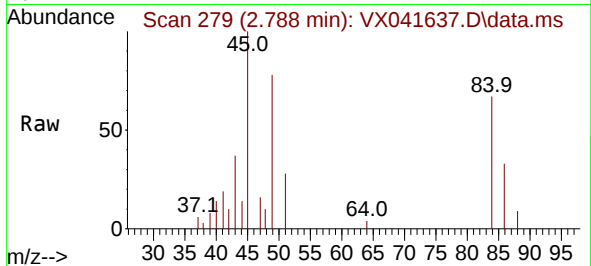
Tgt Ion: 58 Resp: 24545
Ion Ratio Lower Upper
58 100
43 352.1 274.0 411.0





#18
Methylene Chloride
Concen: 1.362 ug/l
RT: 2.788 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

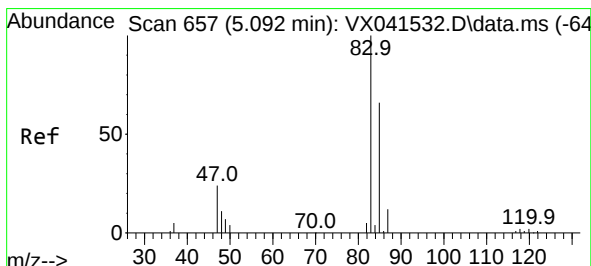
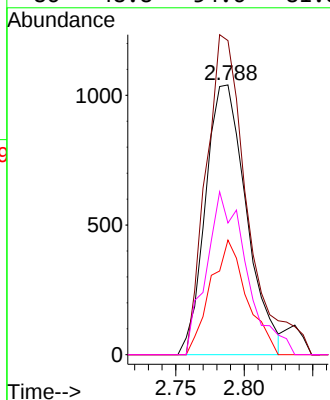
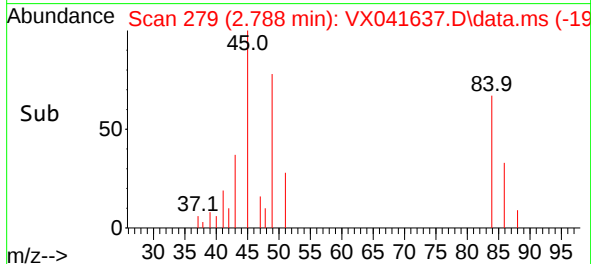
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 84 Resp: 216
Ion Ratio Lower Upper
84 100
49 116.4 99.8 149.8
51 42.5 30.2 45.4
86 48.8 54.6 81.8#

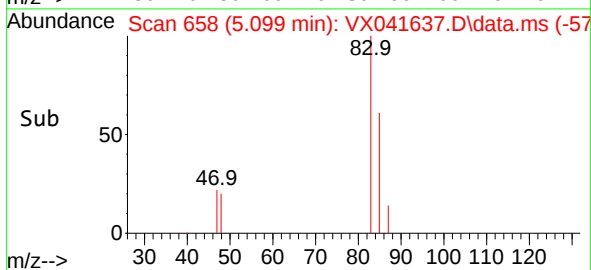
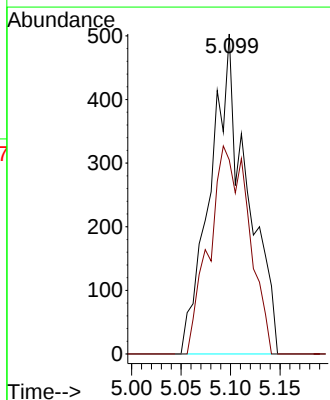
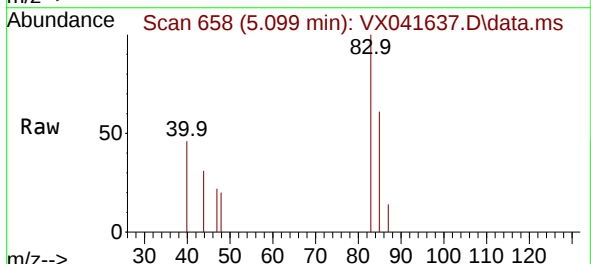
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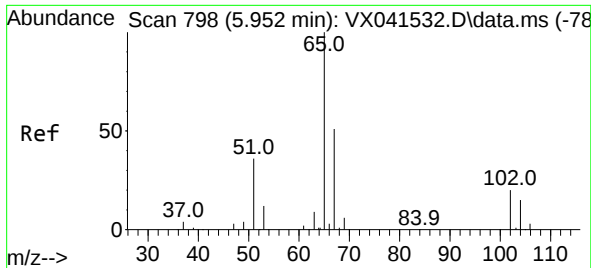
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#25
Chloroform
Concen: 0.437 ug/l m
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

Tgt Ion: 83 Resp: 1303
Ion Ratio Lower Upper
83 100
85 60.6 52.9 79.3





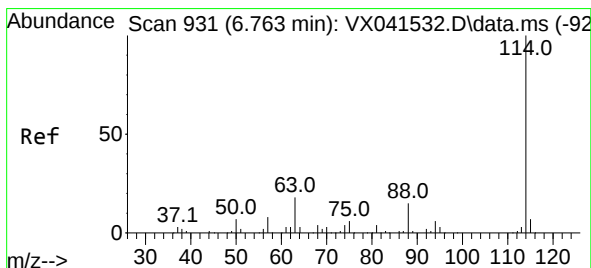
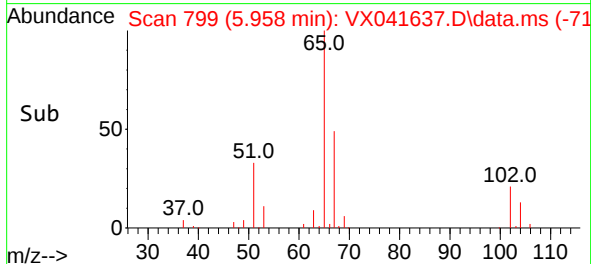
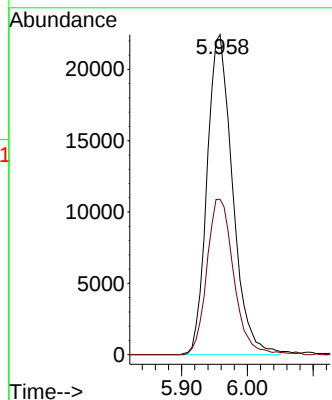
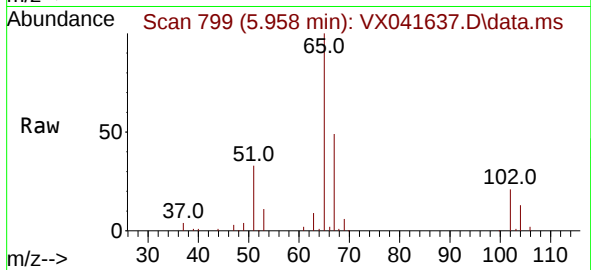
#27
1,2-Dichloroethane-d4
Concen: 29.469 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002

Tgt Ion: 65 Resp: 60602
Ion Ratio Lower Upper
65 100
67 50.7 40.8 61.2

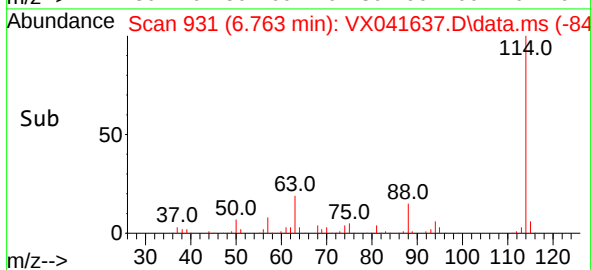
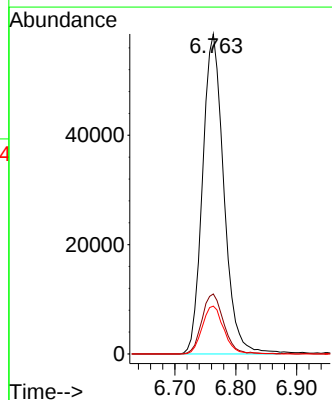
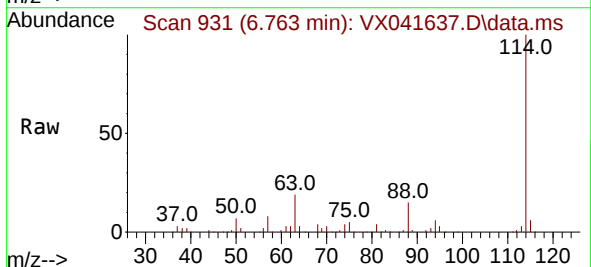
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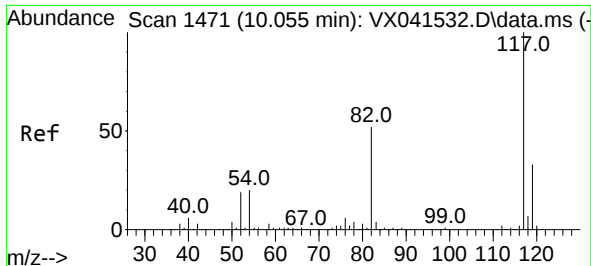
Reviewed By :Mahesh Dadoda 05/24/2024
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

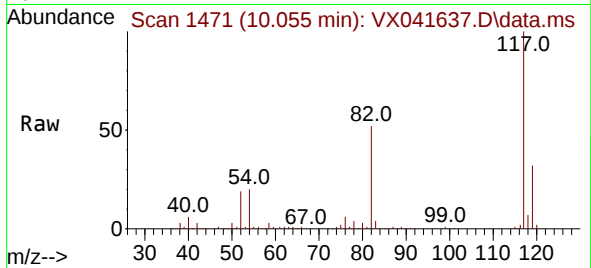
Tgt Ion:114 Resp: 141926
Ion Ratio Lower Upper
114 100
63 19.2 15.4 23.0
88 15.0 12.2 18.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

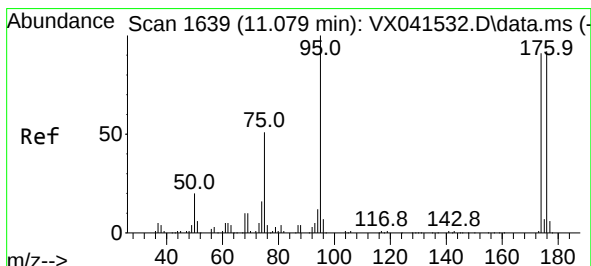
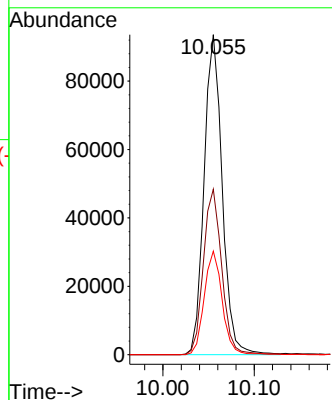
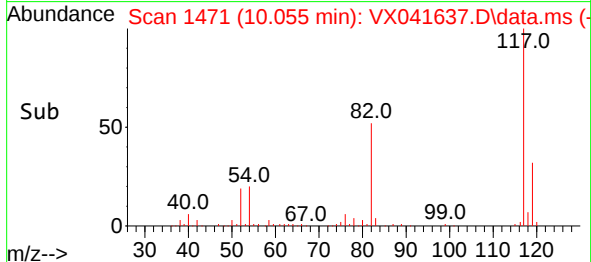
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion:117 Resp: 128769
Ion Ratio Lower Upper
117 100
82 52.2 41.7 62.5
119 31.8 25.7 38.5

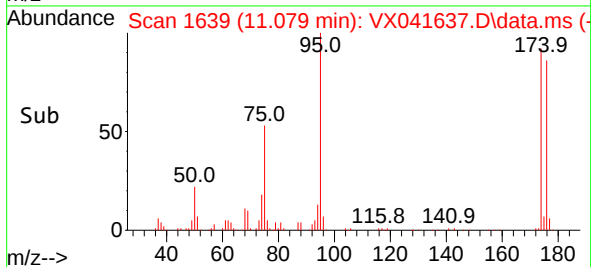
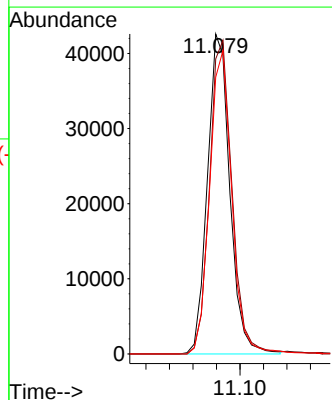
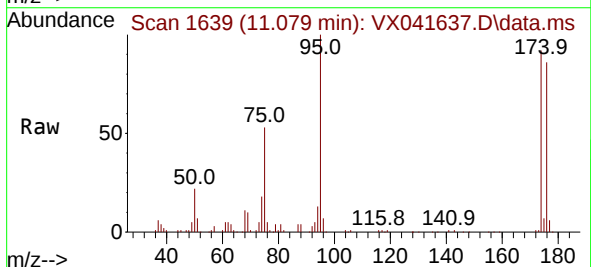
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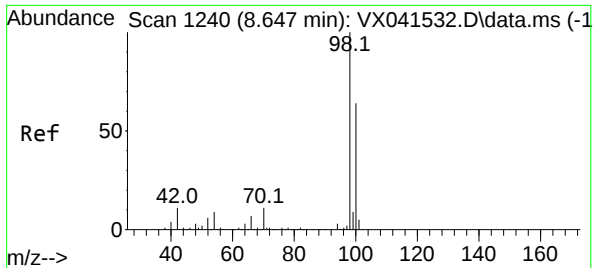
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Supervised By :Semsettin Yesilyurt 05/24/2024



#60
4-Bromofluorobenzene
Concen: 28.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

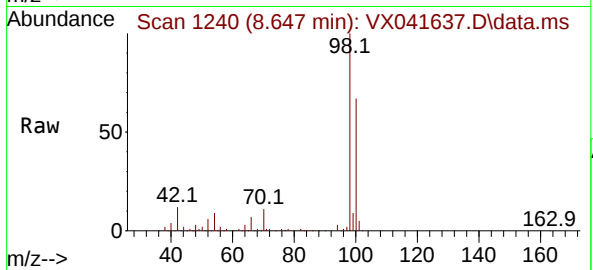
Tgt Ion: 95 Resp: 56382
Ion Ratio Lower Upper
95 100
174 99.0 76.6 115.0
176 94.3 75.4 113.0





#63
Toluene-d8
Concen: 29.321 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041637.D
Acq: 23 May 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 98 Resp: 16184
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

Manual Integrations
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