

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042440.D
 Acq On : 29 Apr 2025 11:30
 Operator : SY/MD
 Sample : Q1880-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EBR-SC-SS-DUP01-20250421DL

Quant Time: Apr 30 01:18:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/30/2025
 Supervised By : Mahesh Dadoda 04/30/2025

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

Internal Standards						
1) Bromochloromethane	2.793	49	132865	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	354984	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	287641	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	252848	10.697	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.000%
Target Compounds						
					Qvalue	
13) Ethanol	1.725	45	6667	4.120	ppbv #	24
15) Acetone	1.839	43	25897	1.191	ppbv	98
20) Methylene Chloride	2.065	84	1577	0.185	ppbv #	61
32) 1,1,1-Trichloroethane	3.370	97	1557m	0.045	ppbv	
52) Tetrachloroethene	8.241	164	966m	0.065	ppbv	

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

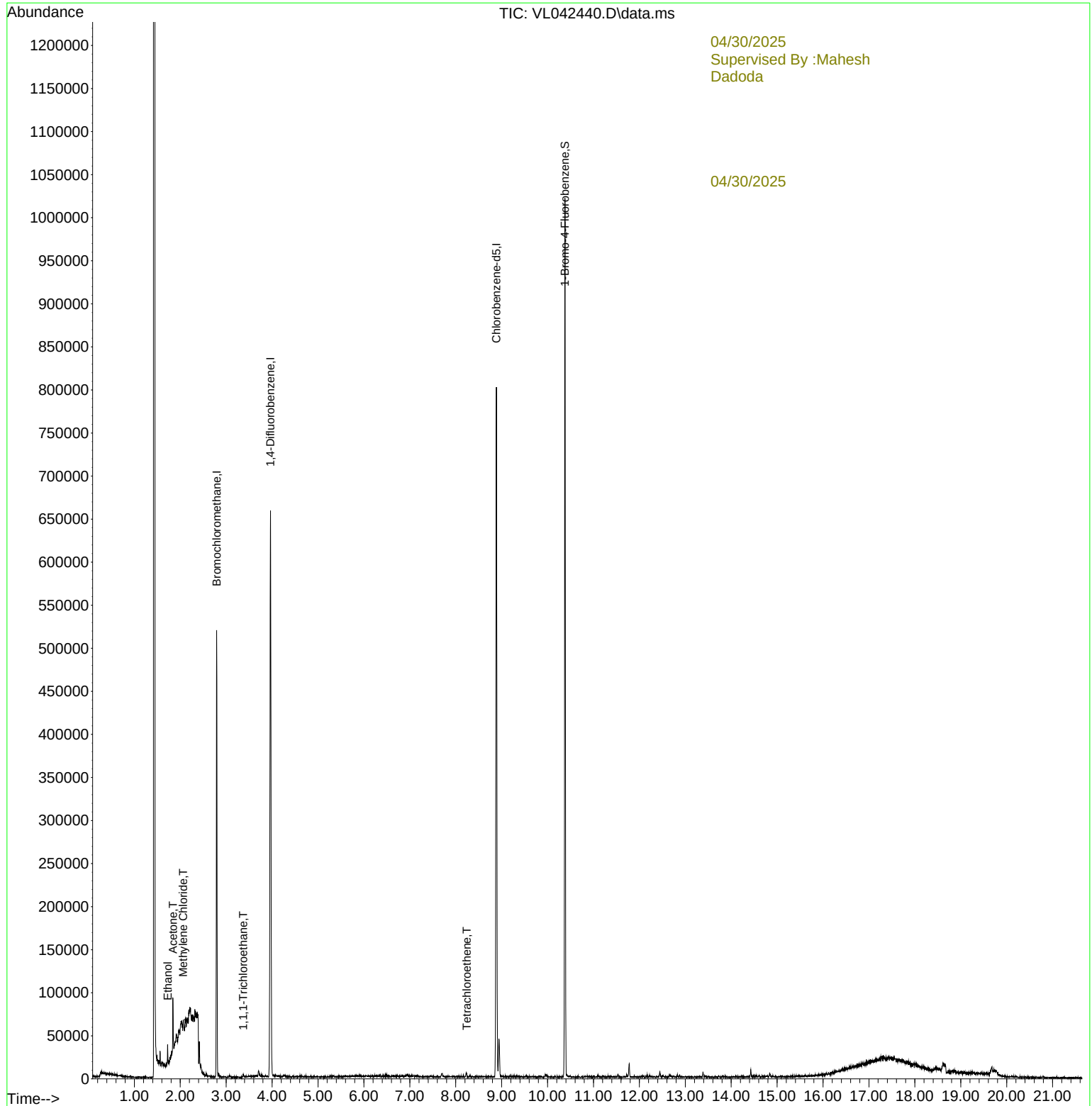
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
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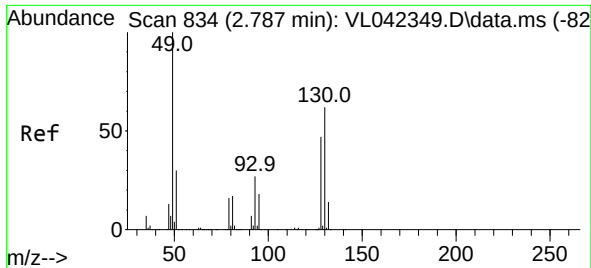
Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL

Quant Time: Apr 30 01:18:47 2025
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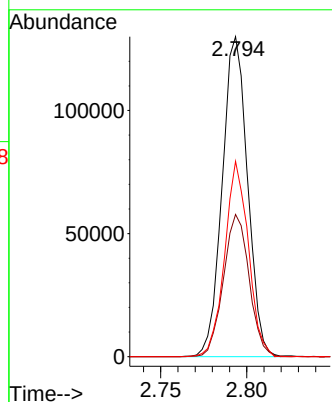
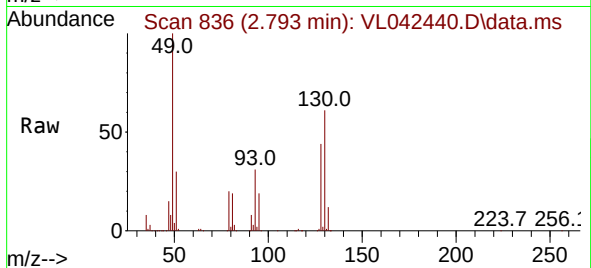
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL

Tgt Ion: 49 Resp: 13286
Ion Ratio Lower Upper
49 100
128 45.1 22.8 68.4
130 57.1 29.3 88.0

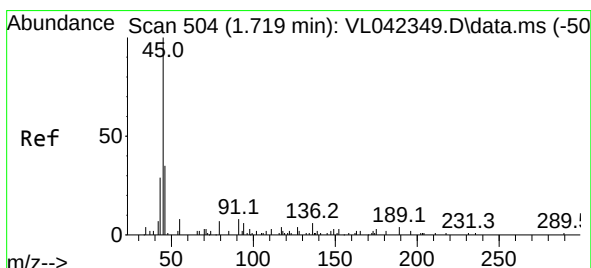
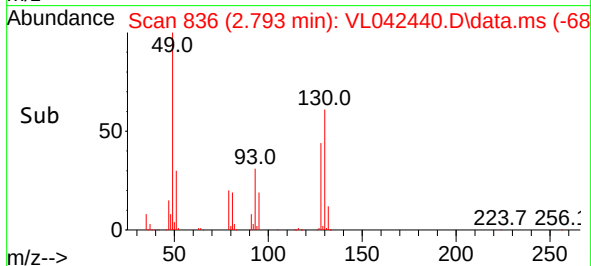
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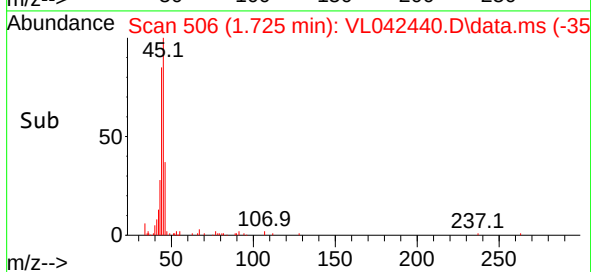
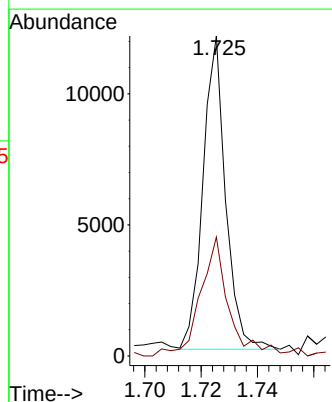
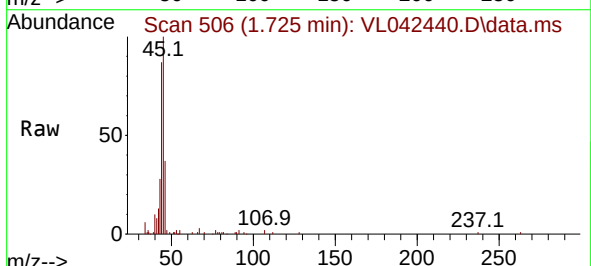
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Dadoda

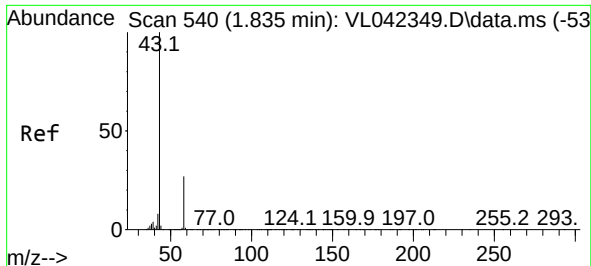
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#13
Ethanol
Concen: 4.120 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.007 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

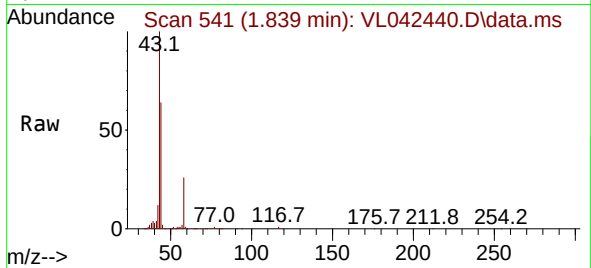
Tgt Ion: 45 Resp: 6667
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#





#15
Acetone
Concen: 1.191 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

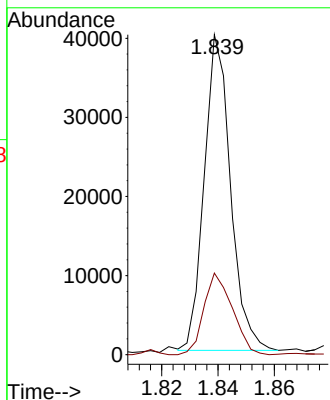
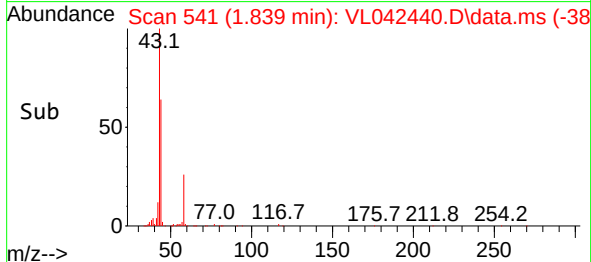
Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL



Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
58 29.2 22.4 33.6

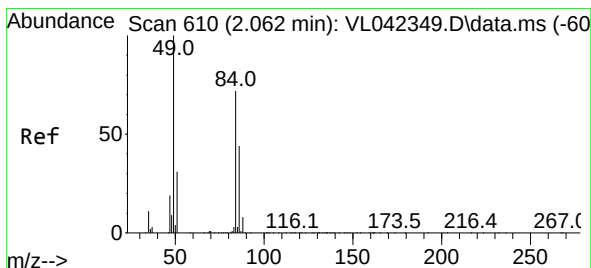
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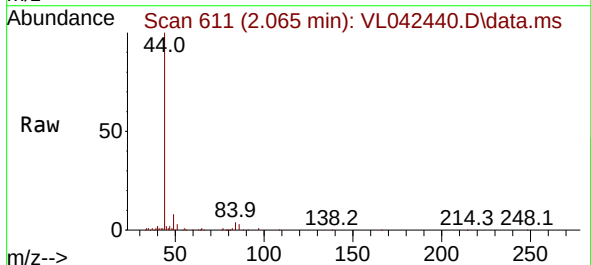


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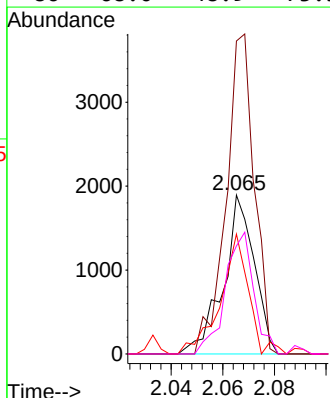
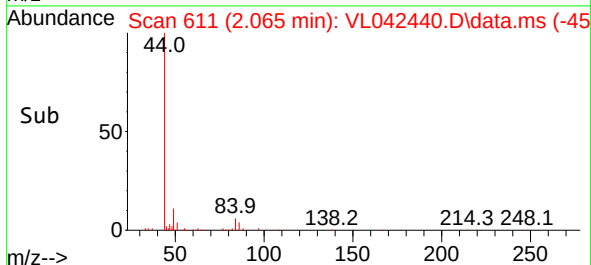
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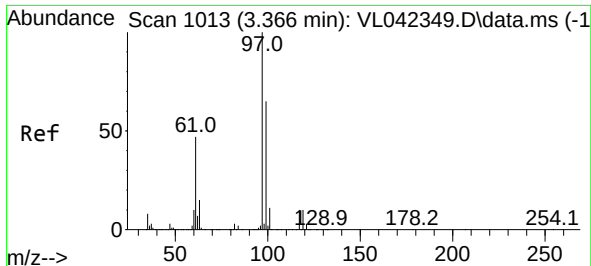


#20
Methylene Chloride
Concen: 0.185 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30



Tgt Ion: 84 Resp: 1577
Ion Ratio Lower Upper
84 100
49 199.9 111.6 167.4#
51 75.4 35.1 52.7#
86 68.0 48.9 73.3





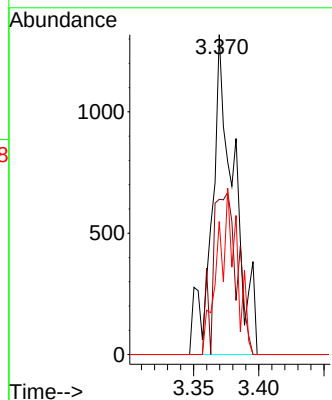
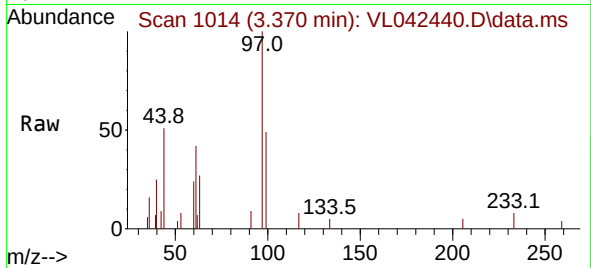
#32
1,1,1-Trichloroethane
Concen: 0.045 ppbv m
RT: 3.370 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

Instrument : MSVOA_L
ClientSampleId : EBR-SC-SS-DUP01-20250421DL

Tgt Ion: 97 Resp: 155
Ion Ratio Lower Upper
97 100
99 55.0 51.0 76.4
61 45.0 38.8 58.2

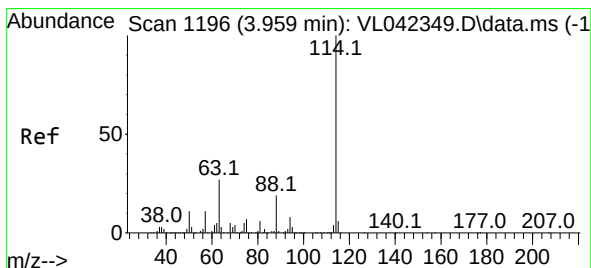
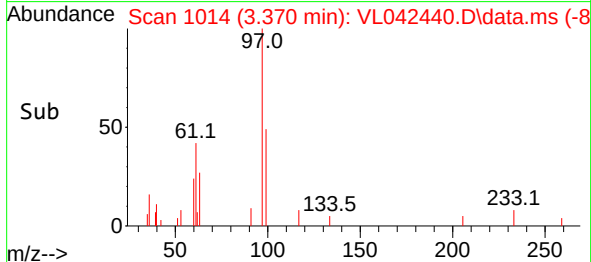
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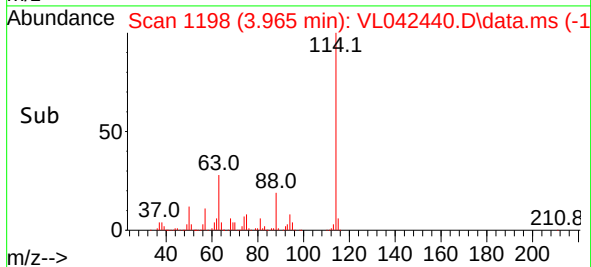
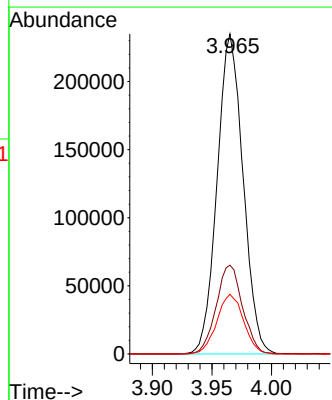
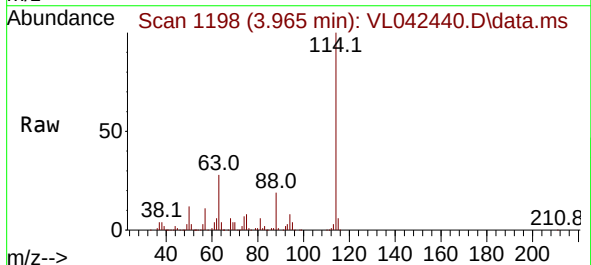
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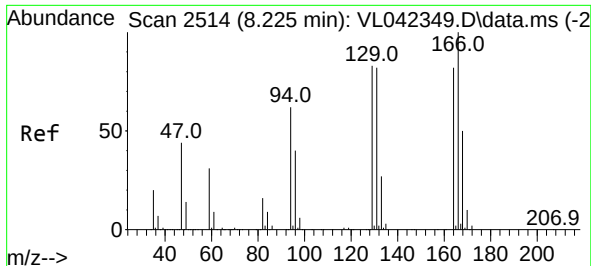
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.007 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

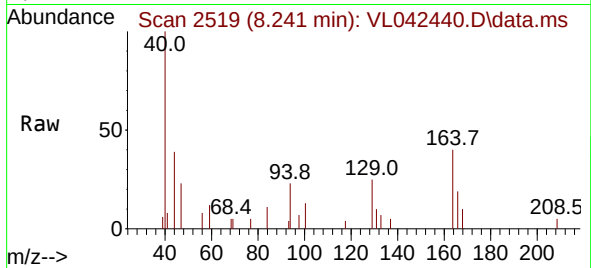
Tgt Ion:114 Resp: 354984
Ion Ratio Lower Upper
114 100
63 28.2 21.8 32.6
88 19.2 15.5 23.3





#52
Tetrachloroethene
Concen: 0.065 ppbv m
RT: 8.241 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

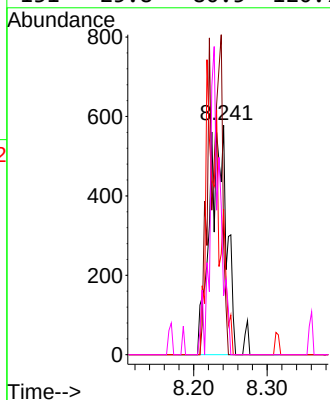
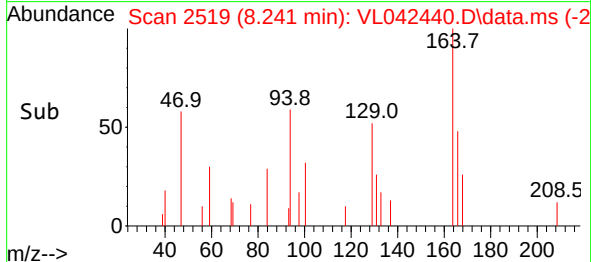
Instrument :
MSVOA_L
ClientSampleId :
EBR-SC-SS-DUP01-20250421DL



Tgt Ion:164 Resp: 960
Ion Ratio Lower Upper
164 100
166 48.3 98.2 147.2
129 63.3 81.8 122.8
131 25.8 80.5 120.7

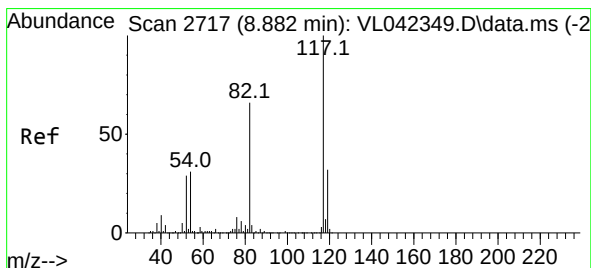
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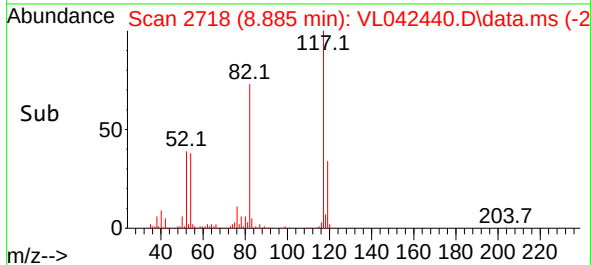
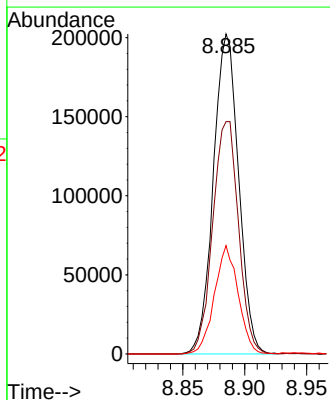
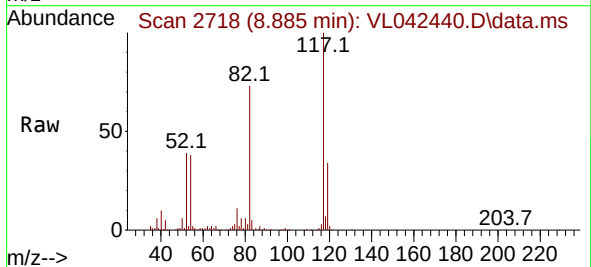
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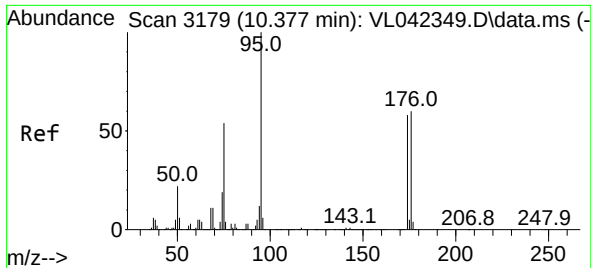
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.003 min
Lab File: VL042440.D
Acq: 29 Apr 2025 11:30

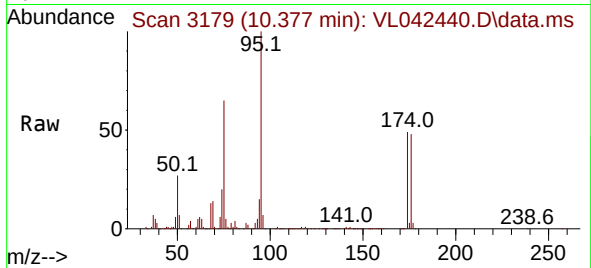
Tgt Ion:117 Resp: 287641
Ion Ratio Lower Upper
117 100
82 74.1 57.8 86.6
119 32.3 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.697 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042440.D
 Acq: 29 Apr 2025 11:30

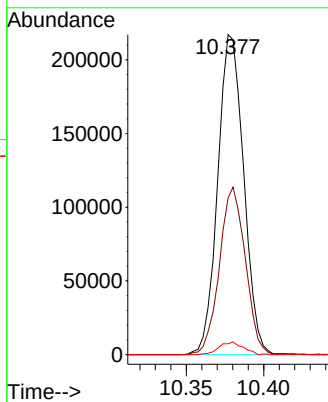
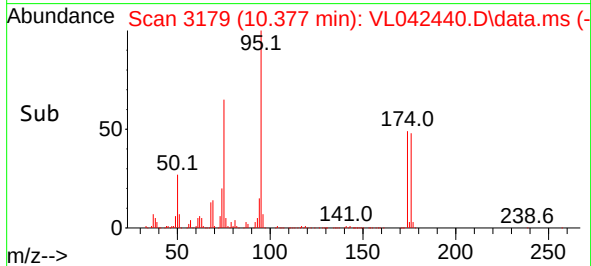
Instrument : MSVOA_L
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Tgt Ion: 95 Resp: 252848
 Ion Ratio Lower Upper
 95 100
 174 52.3 48.5 72.7
 175 3.7 3.7 5.5

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