

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040523.D
 Acq On : 11 Jul 2023 2:02
 Operator : SY/MD
 Sample : 03535-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 04:35:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 11 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1090389	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2887293	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2546620	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1930026	9.576	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
						Qvalue
15) Acetone	3.491	43	121489	0.968	ppbv	93
20) Methylene Chloride	3.938	84	9484m	0.178	ppbv	
26) Hexane	5.214	57	51998	0.468	ppbv #	37
52) Tetrachloroethene	10.619	164	5402m	0.072	ppbv	

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

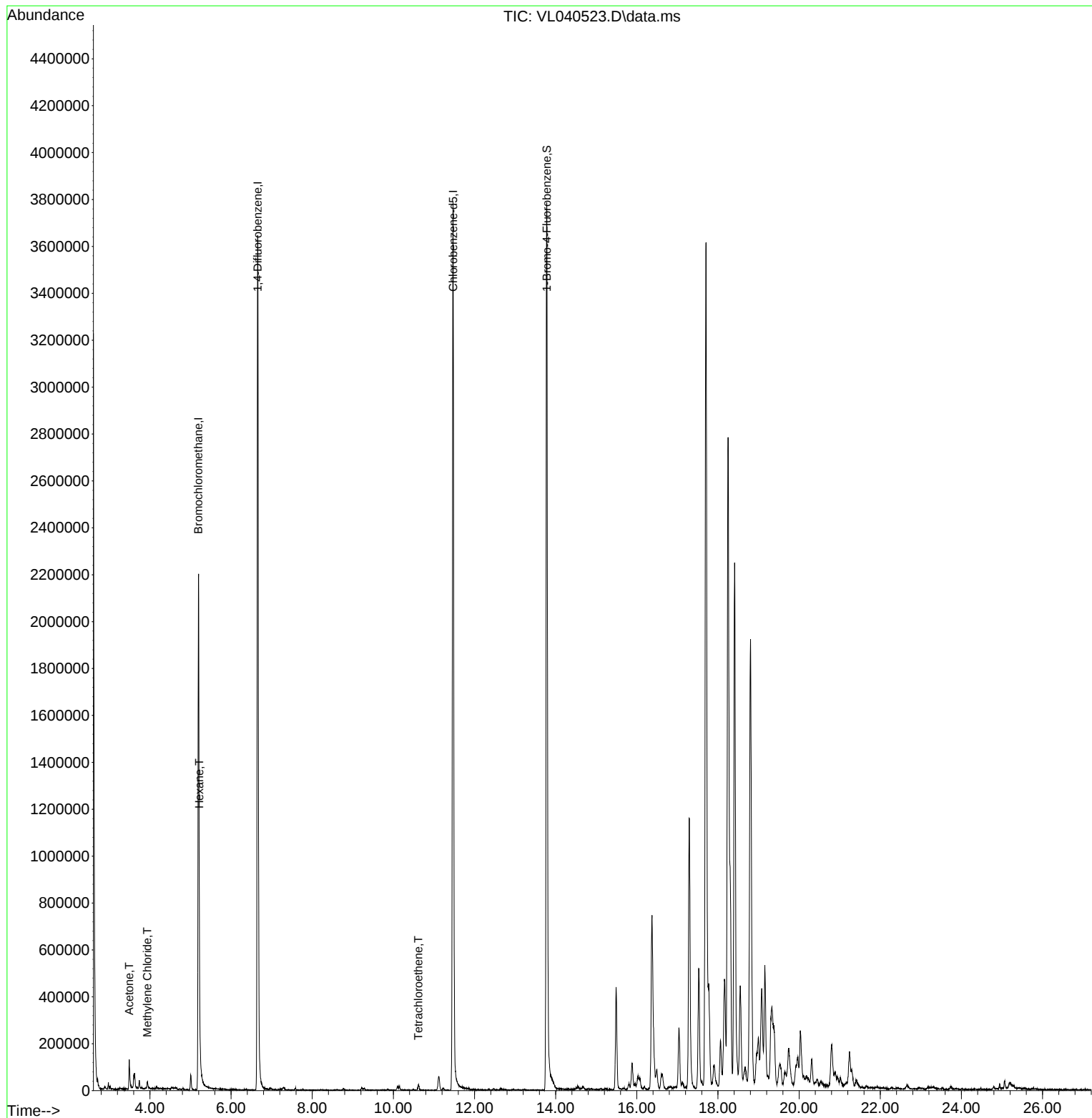
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
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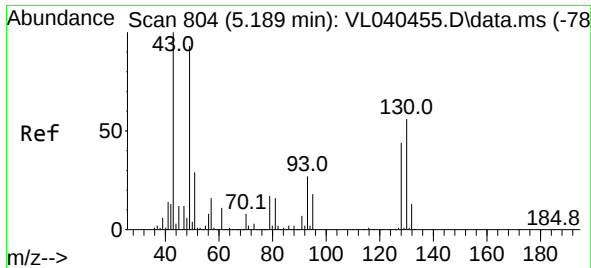
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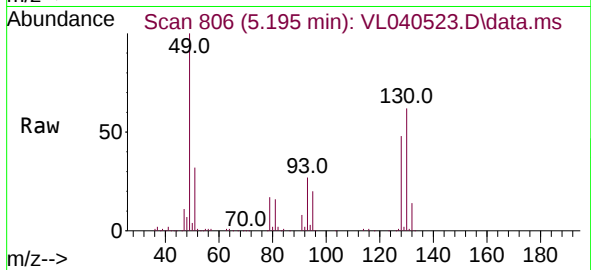
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02

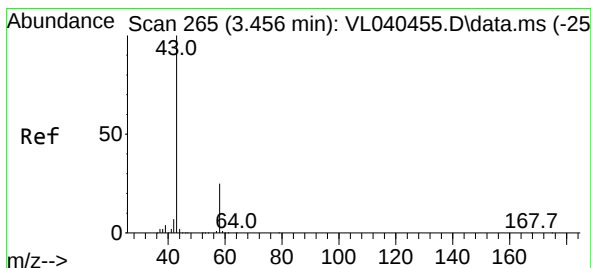
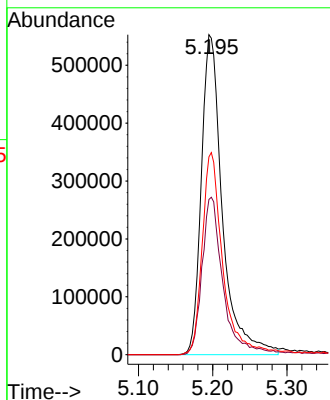
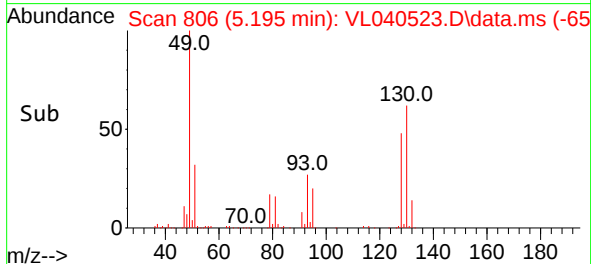
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



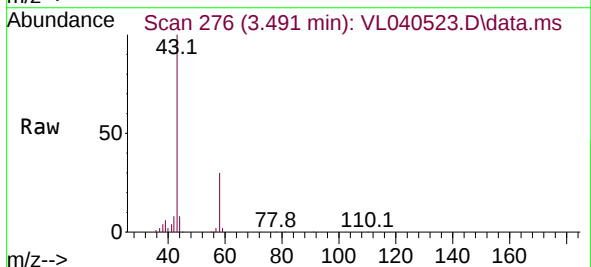
Tgt Ion: 49 Resp: 1090389
Ion Ratio Lower Upper
49 100
128 49.7 25.1 75.4
130 62.6 31.6 94.7

Manual Integrations
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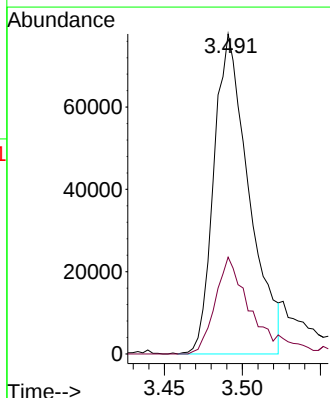
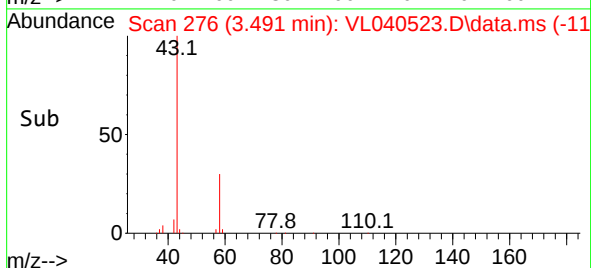
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

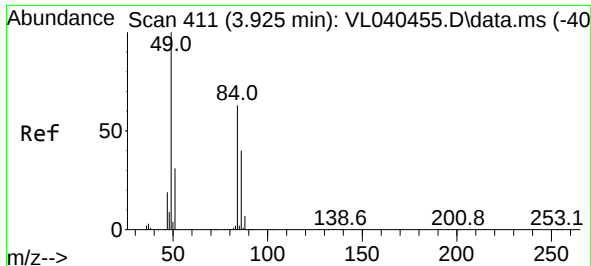


#15
Acetone
Concen: 0.968 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.016 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02



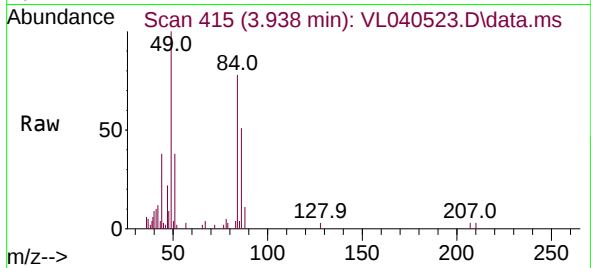
Tgt Ion: 43 Resp: 121489
Ion Ratio Lower Upper
43 100
58 32.4 22.9 34.3





#20
Methylene Chloride
Concen: 0.178 ppbv m
RT: 3.938 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02

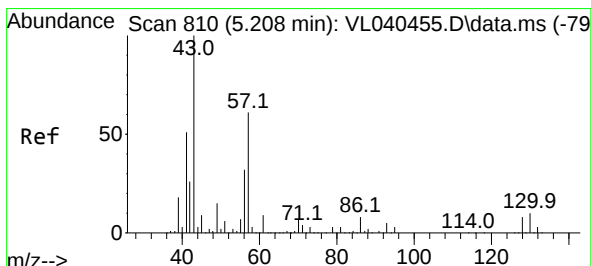
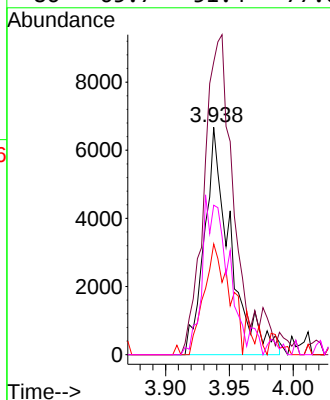
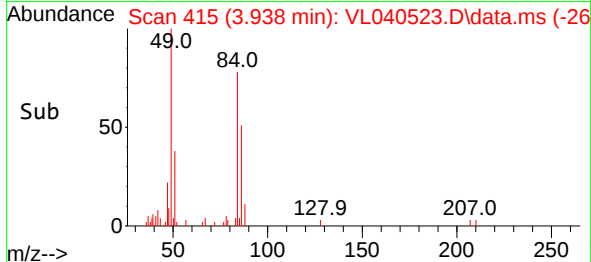
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ClientSampleId :
SV2DL



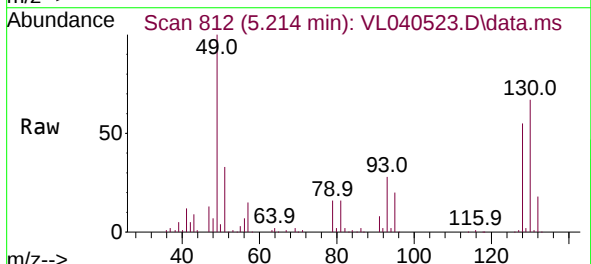
Tgt Ion:	84	Resp:	9484
Ion	Ratio	Lower	Upper
84	100		
49	128.7	123.4	185.2
51	48.7	38.3	57.5
86	65.7	51.4	77.0

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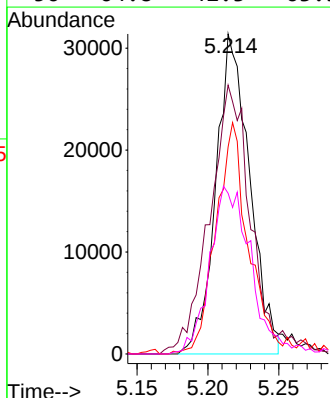
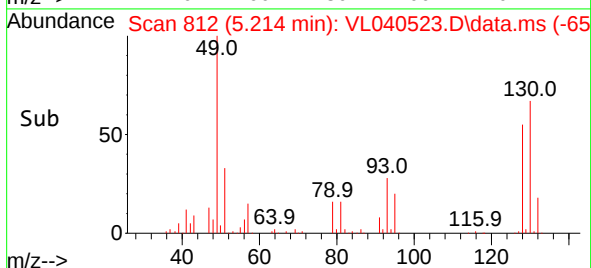
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

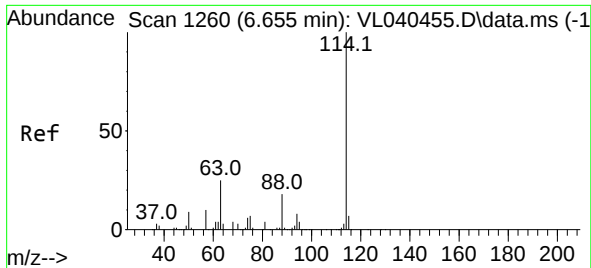


#26
Hexane
Concen: 0.468 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.007 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02



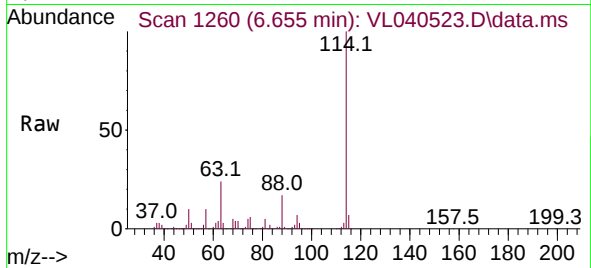
Tgt Ion:	57	Resp:	51998
Ion	Ratio	Lower	Upper
57	100		
41	103.4	69.5	104.3
43	73.6	177.1	265.7#
56	64.8	42.3	63.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02

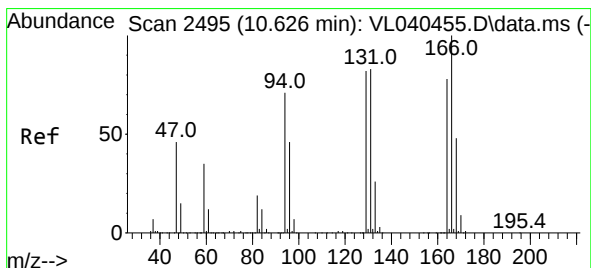
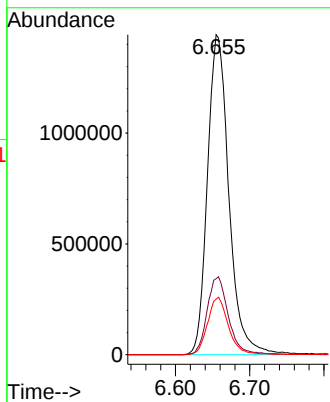
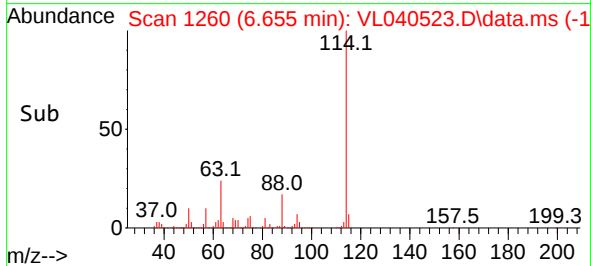
Instrument :
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ClientSampleId :
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Tgt Ion:114 Resp: 288729
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.7 14.2 21.2

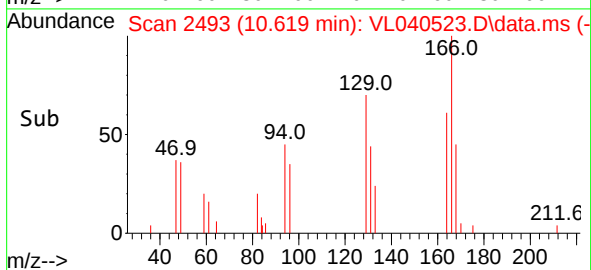
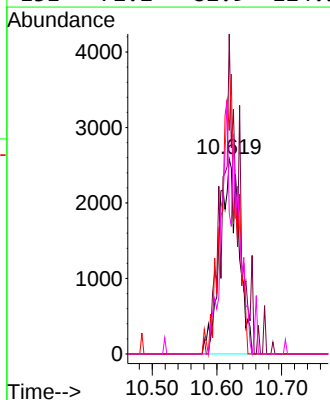
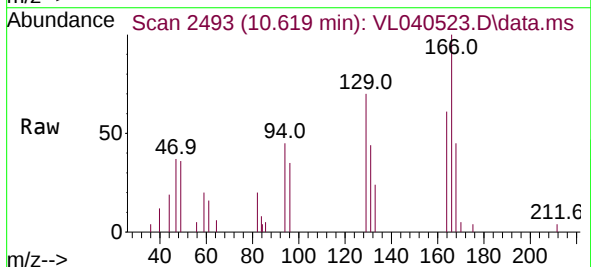
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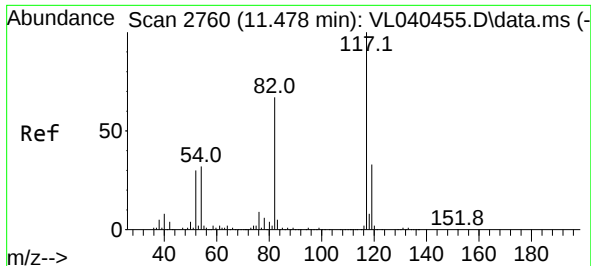
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Tetrachloroethene
Concen: 0.072 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.007 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02

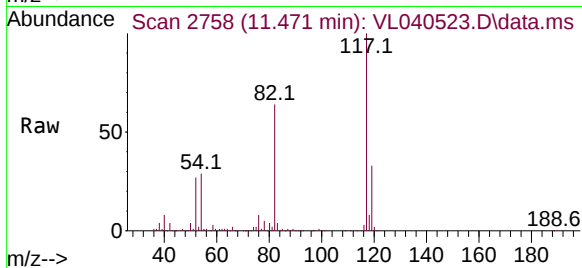
Tgt Ion:164 Resp: 5402
Ion Ratio Lower Upper
164 100
166 164.0 103.9 155.9#
129 114.6 84.6 126.8
131 72.2 82.9 124.3#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02

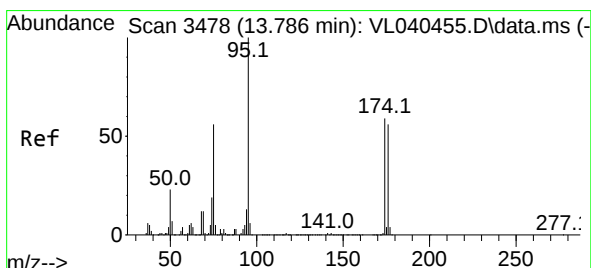
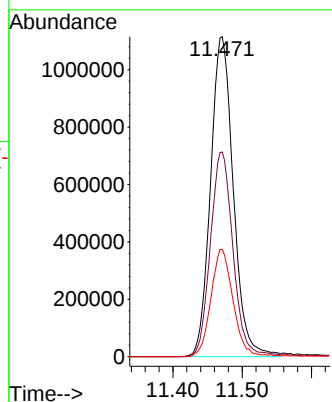
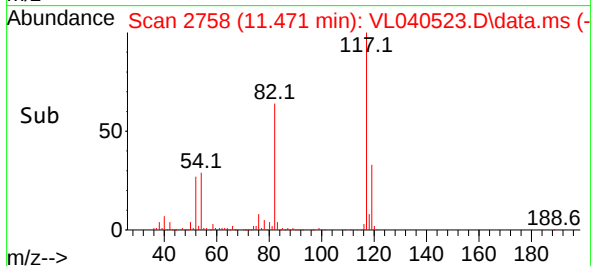
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 117 Resp: 2546620
Ion Ratio Lower Upper
117 100
82 64.6 50.2 75.4
119 33.3 26.9 40.3

Manual Integrations
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Supervised By :Mahesh Dadoda 07/11/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.576 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040523.D
Acq: 11 Jul 2023 2:02

Tgt Ion: 95 Resp: 1930026
Ion Ratio Lower Upper
95 100
174 63.9 50.6 75.8
175 4.8 3.7 5.5

