

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040449.D
 Acq On : 16 May 2023 22:34
 Operator : SY/MD
 Sample : 02793-03DL 80X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:18:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	998984	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2450929	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2109352	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.805	95	1640440	9.672	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
					Qvalue	
13) Ethanol	3.259	45	25255m	6.639	ppbv	
15) Acetone	3.488	43	80595	0.638	ppbv	95
18) 1,1-Dichloroethene	3.893	96	7321m	0.128	ppbv	
20) Methylene Chloride	3.944	84	441462	7.842	ppbv	98
26) Hexane	5.227	57	366890	3.719	ppbv #	37
32) 1,1,1-Trichloroethane	6.021	97	33844m	0.181	ppbv	

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

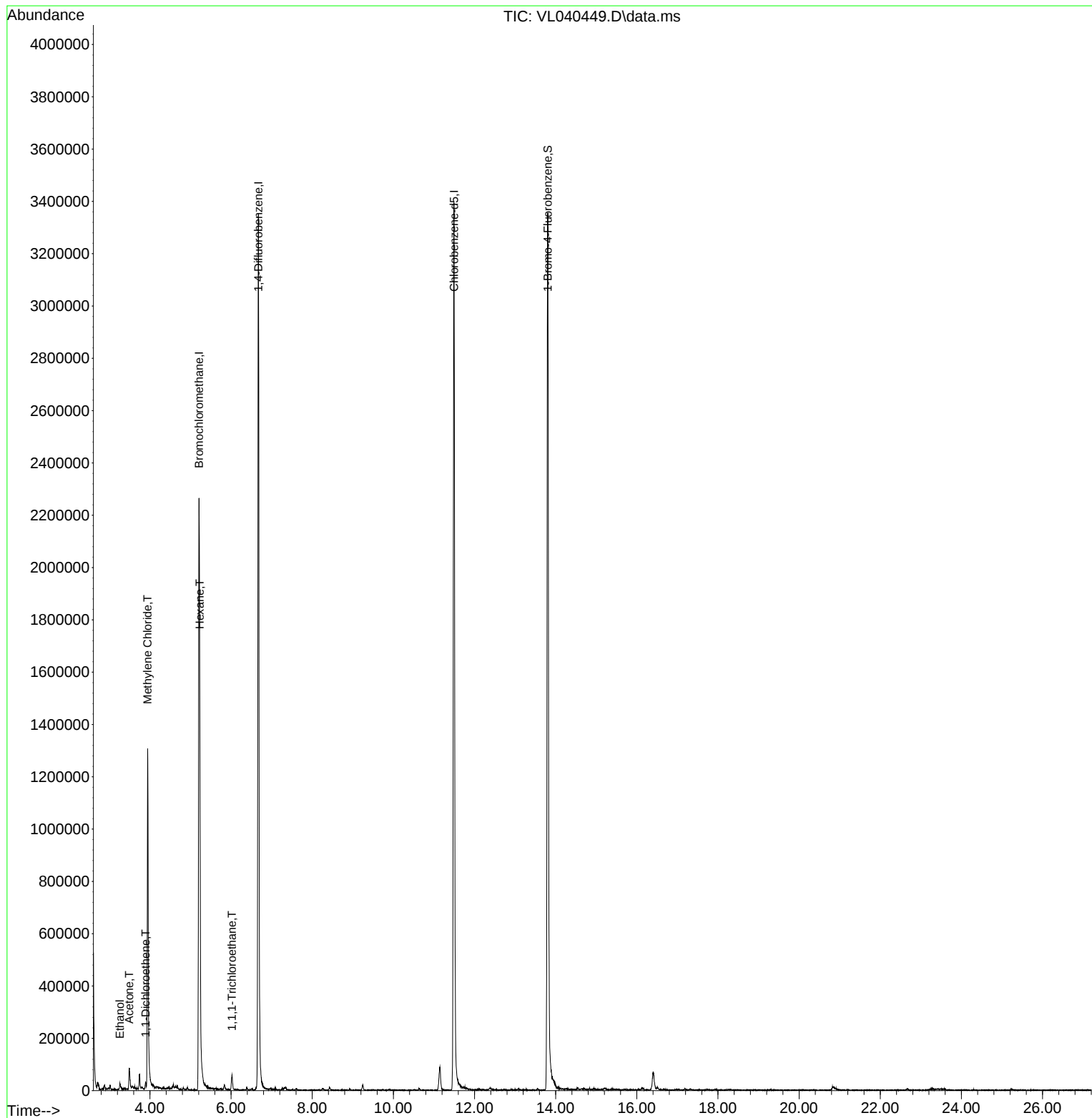
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
Data File : VL040449.D
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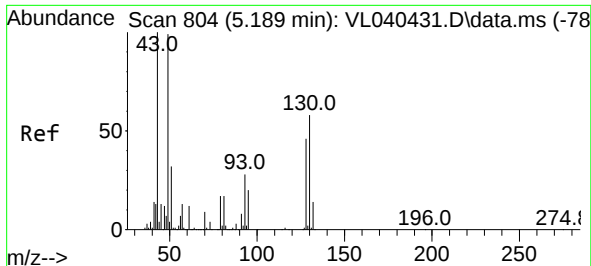
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: May 17 05:18:33 2023
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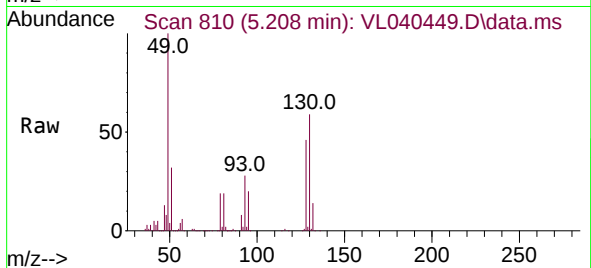
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

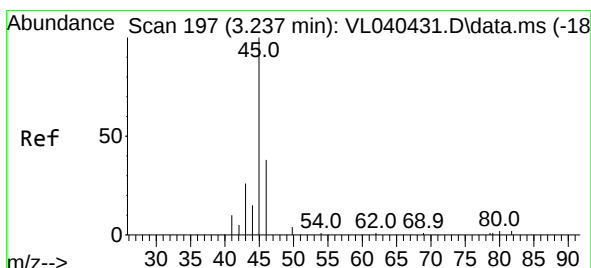
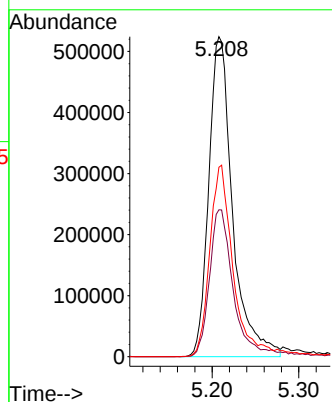
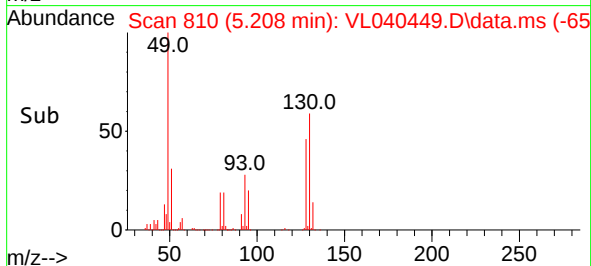
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



Tgt Ion: 49 Resp: 998984
Ion Ratio Lower Upper
49 100
128 46.9 24.3 72.8
130 61.1 30.2 90.6

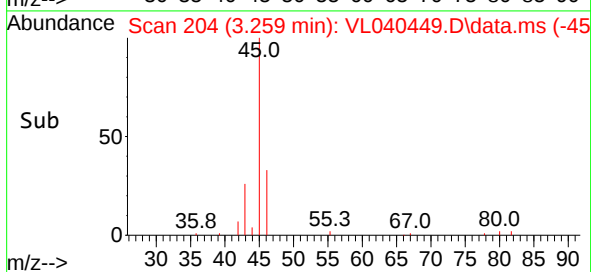
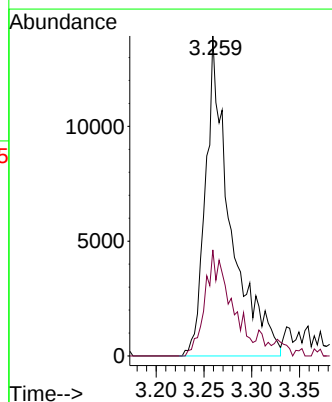
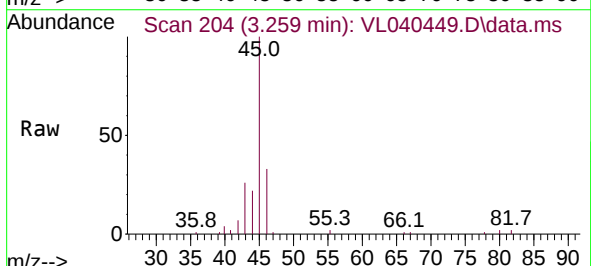
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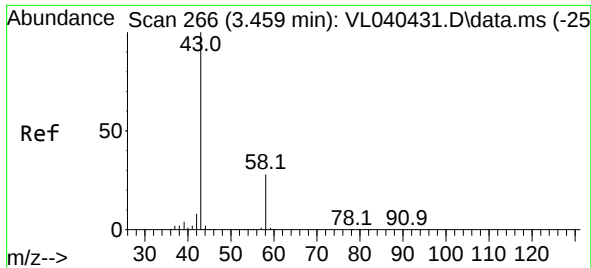
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#13
Ethanol
Concen: 6.639 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.010 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

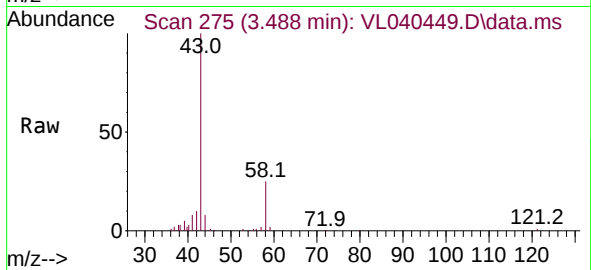
Tgt Ion: 45 Resp: 25255
Ion Ratio Lower Upper
45 100
46 40.7 13.2 52.8





#15
Acetone
Concen: 0.638 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

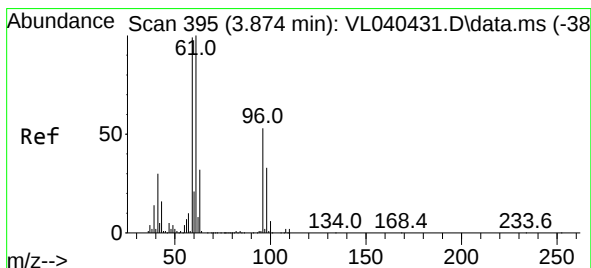
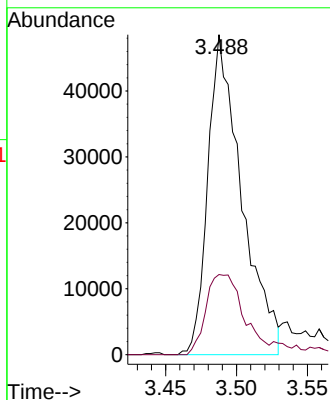
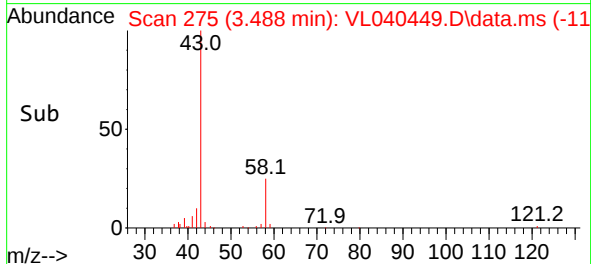
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



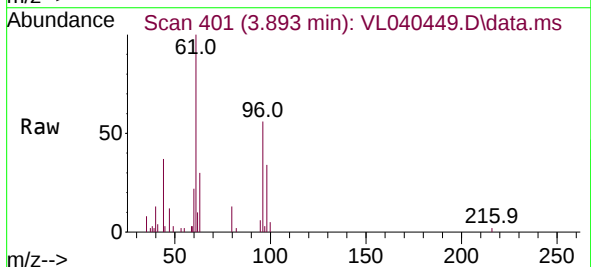
Tgt Ion: 43 Resp: 8059
Ion Ratio Lower Upper
43 100
58 30.3 22.2 33.4

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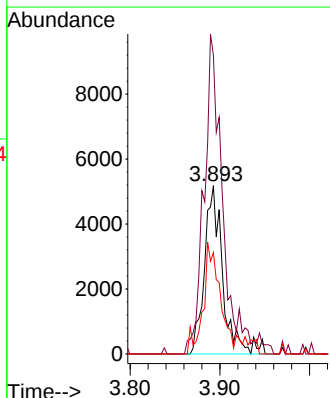
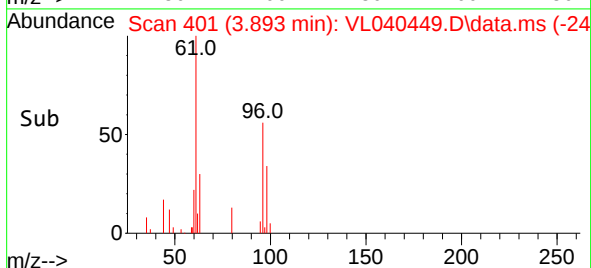
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

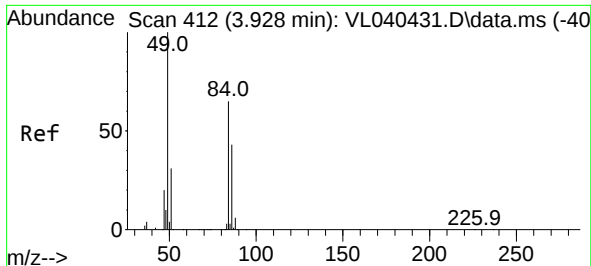


#18
1,1-Dichloroethene
Concen: 0.128 ppbv m
RT: 3.893 min Scan# 401
Delta R.T. 0.006 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34



Tgt Ion: 96 Resp: 7321
Ion Ratio Lower Upper
96 100
61 177.4 151.8 227.8
98 60.2 50.5 75.7





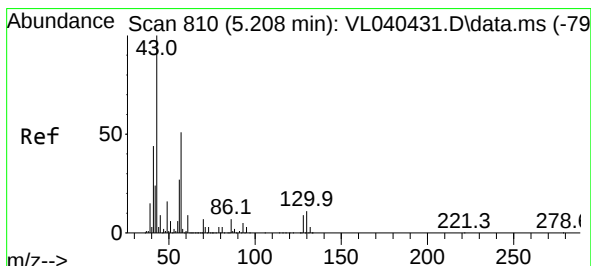
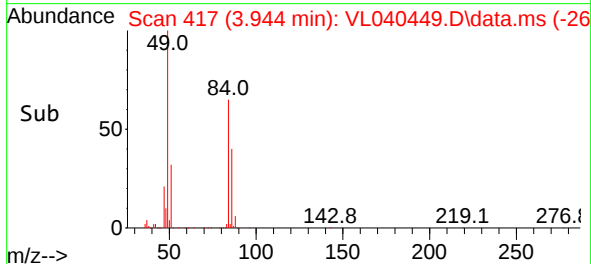
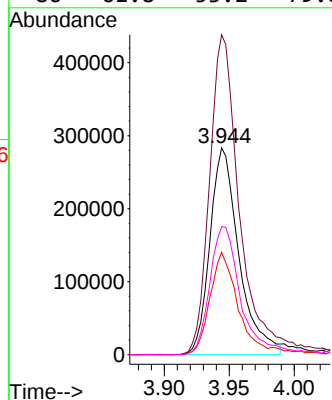
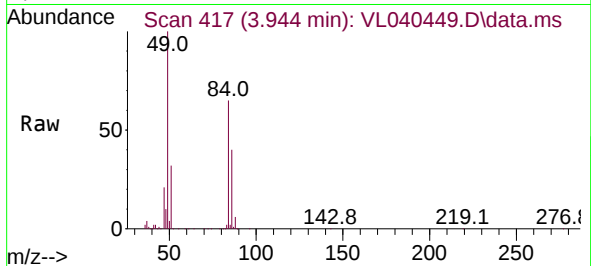
#20
Methylene Chloride
Concen: 7.842 ppbv
RT: 3.944 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 84 Resp: 441462
Ion Ratio Lower Upper
84 100
49 154.5 123.7 185.5
51 49.4 38.6 57.8
86 61.8 53.2 79.8

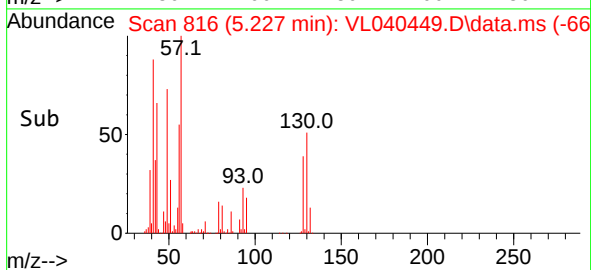
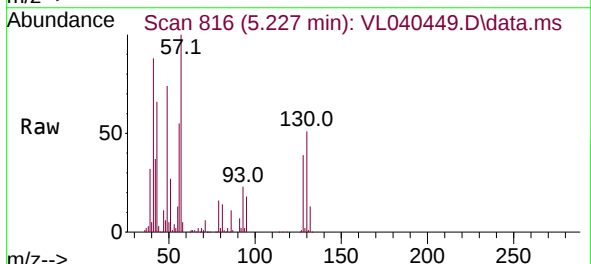
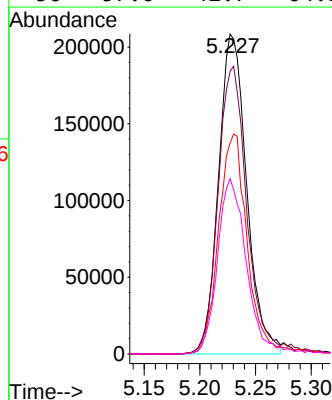
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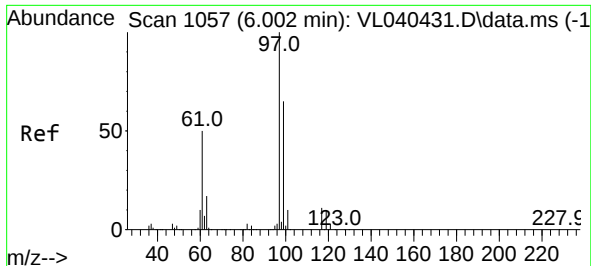
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
Hexane
Concen: 3.719 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

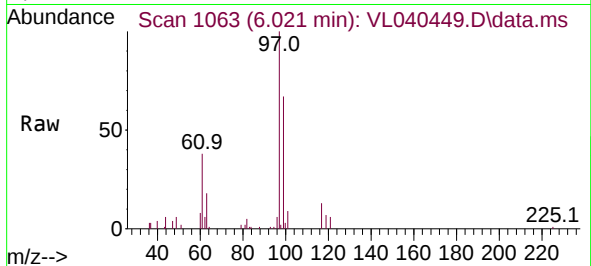
Tgt Ion: 57 Resp: 366890
Ion Ratio Lower Upper
57 100
41 94.0 75.1 112.7
43 70.7 194.4 291.6#
56 57.0 42.7 64.1





#32
1,1,1-Trichloroethane
Concen: 0.181 ppbv m
RT: 6.021 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

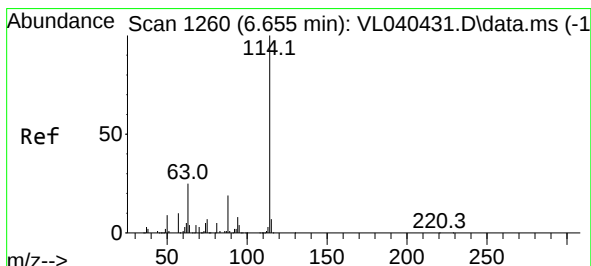
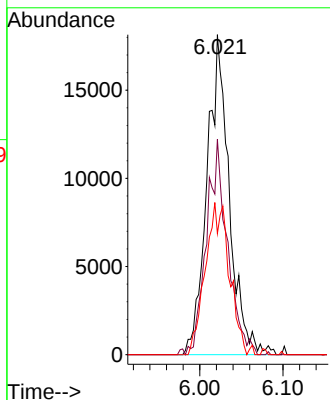
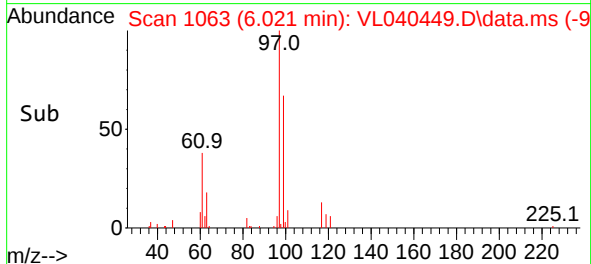
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



Tgt Ion: 97 Resp: 3384
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 51.6 40.2 60.4

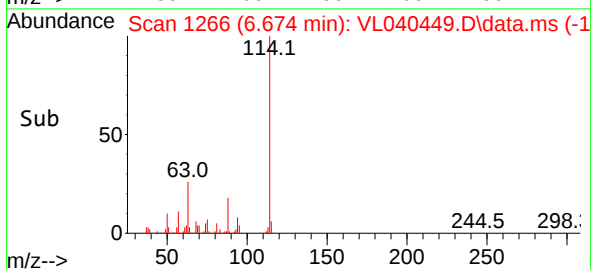
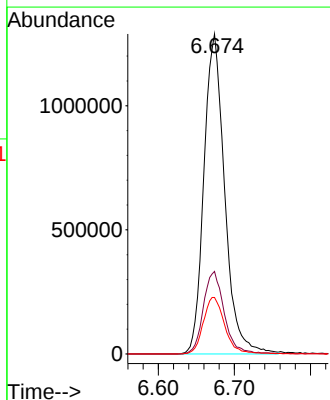
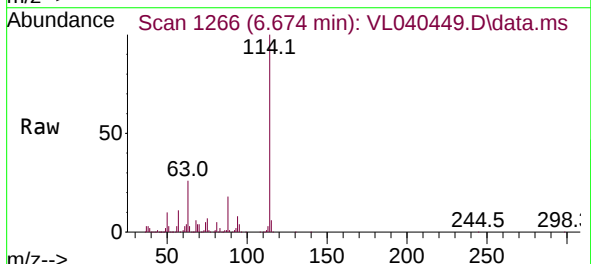
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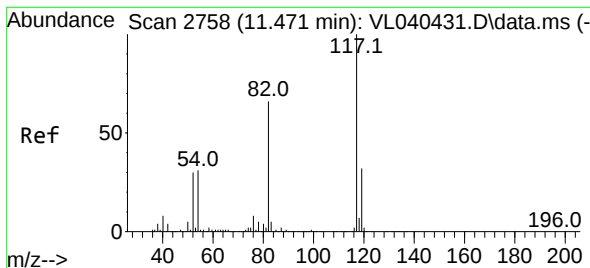
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

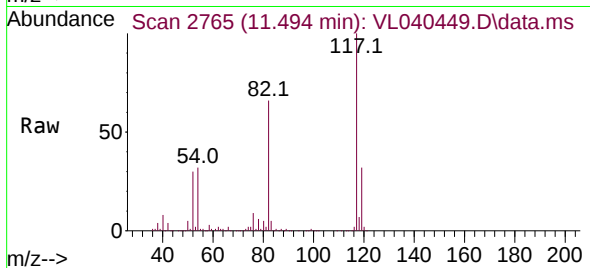
Tgt Ion:114 Resp: 2450929
Ion Ratio Lower Upper
114 100
63 26.1 21.0 31.6
88 18.3 14.6 22.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

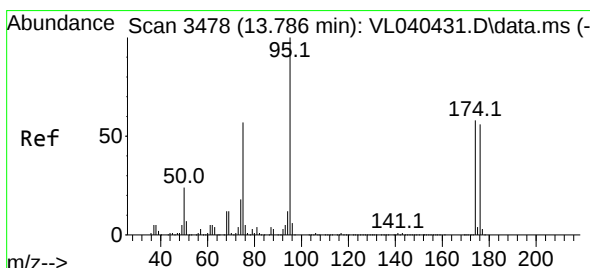
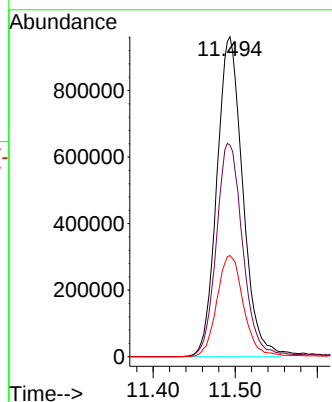
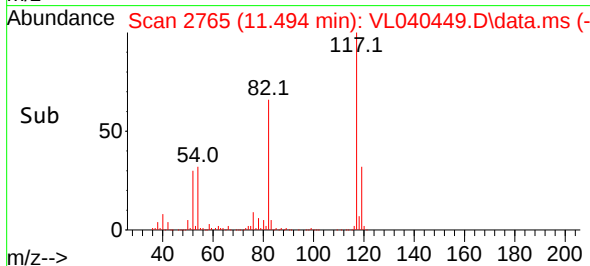
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



Tgt Ion: 117 Resp: 210935
Ion Ratio Lower Upper
117 100
82 69.5 52.5 78.7
119 33.1 24.0 36.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.672 ppbv
RT: 13.805 min Scan# 3484
Delta R.T. 0.006 min
Lab File: VL040449.D
Acq: 16 May 2023 22:34

Tgt Ion: 95 Resp: 1640440
Ion Ratio Lower Upper
95 100
174 61.6 47.0 70.6
175 4.4 3.4 5.0

