

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040621.D
 Acq On : 10 Aug 2023 1:21
 Operator : SY/MD
 Sample : 03907-03DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 04:56:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 10 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		5.189	49	906648	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene		6.655	114	2270172	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.471	117	1930614	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.783	95	1566347	10.251	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 102.500%	
Target Compounds							
							Qvalue
9) Propene		2.684	41	91006	1.850	ppbv	100
13) Ethanol		3.247	45	12083m	1.129	ppbv	
15) Acetone		3.481	43	90208	0.864	ppbv	96
20) Methylene Chloride		3.928	84	234213	5.276	ppbv	99
26) Hexane		5.211	57	208383	2.258	ppbv #	39
27) Carbon Disulfide		4.121	76	11178	0.103	ppbv #	67
34) 2-Butanone		4.803	43	20375m	0.182	ppbv	
38) Trichloroethene		7.298	130	13422m	0.194	ppbv	
52) Tetrachloroethene		10.622	164	288954	4.885	ppbv	93

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

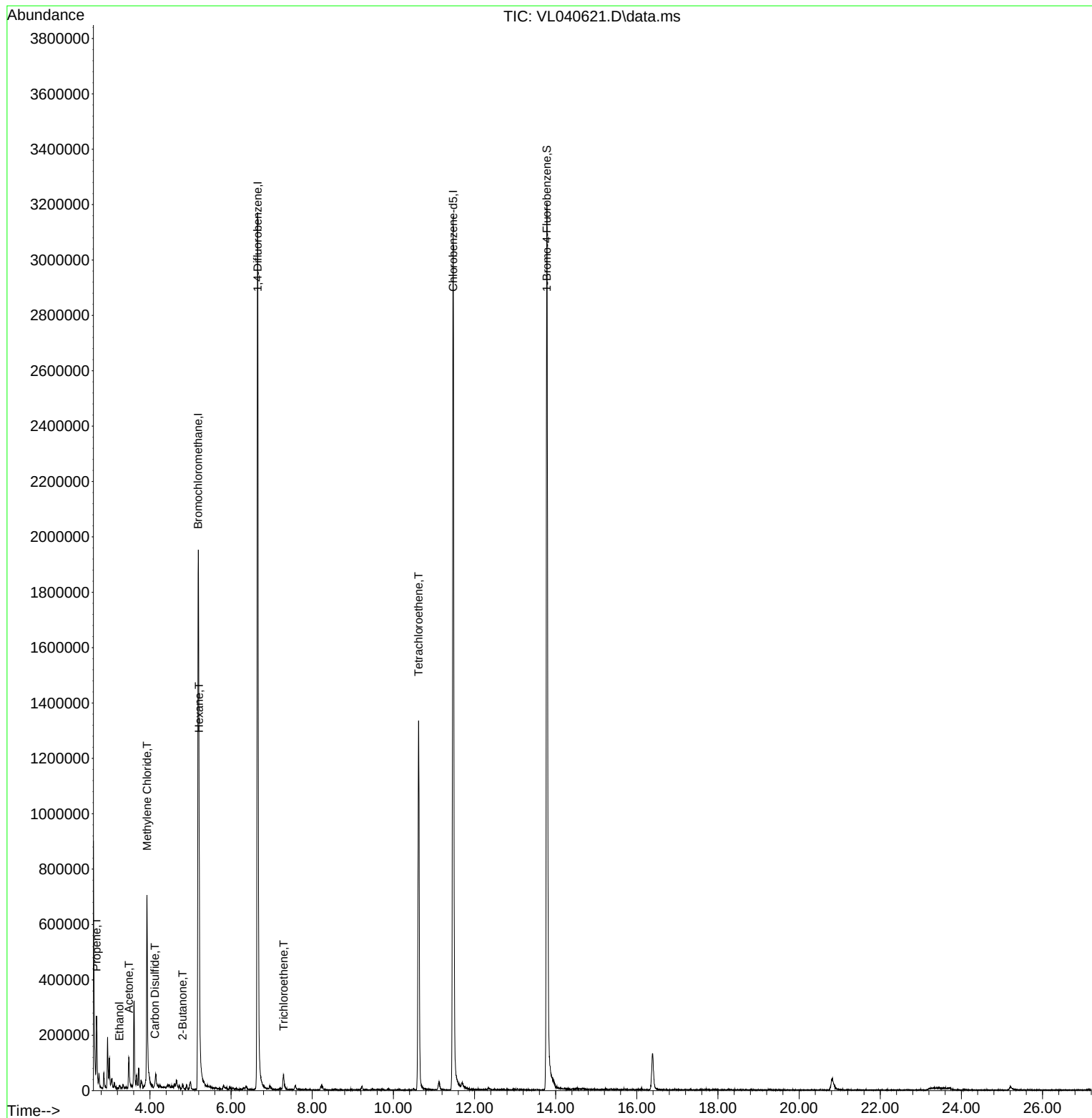
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040621.D
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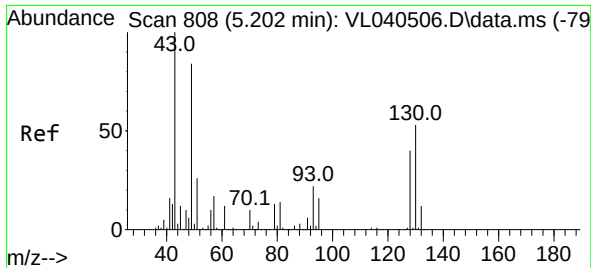
Instrument :
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ClientSampleId :
SV-2DL2

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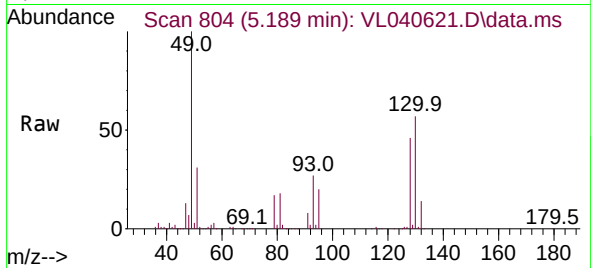
Quant Time: Aug 10 04:56:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

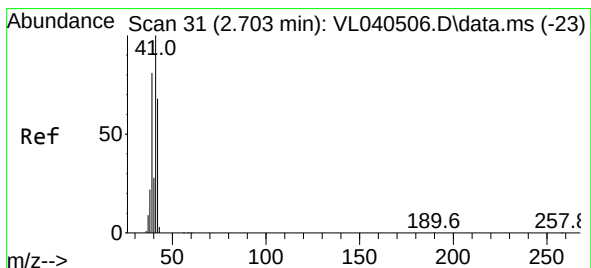
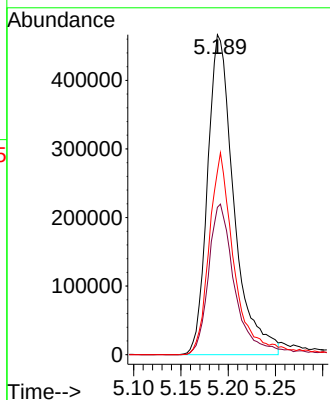
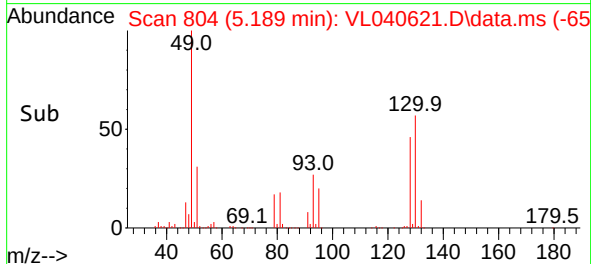
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2



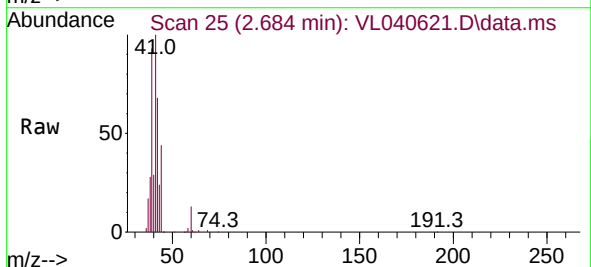
Tgt Ion: 49 Resp: 90664
Ion Ratio Lower Upper
49 100
128 48.1 25.1 75.4
130 61.9 31.6 94.7

Manual Integrations
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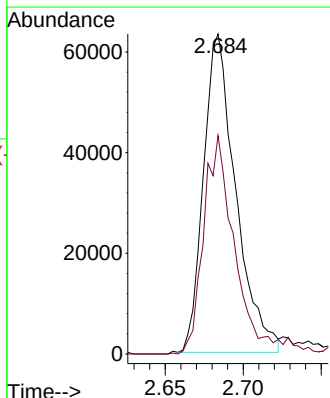
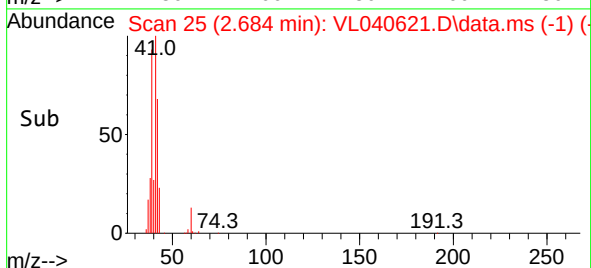
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

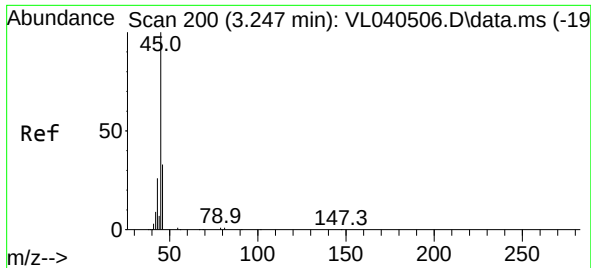


#9
Propene
Concen: 1.850 ppbv
RT: 2.684 min Scan# 25
Delta R.T. -0.019 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21



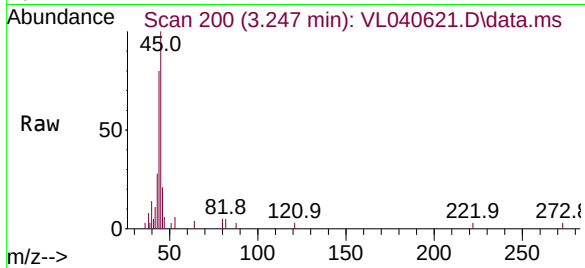
Tgt Ion: 41 Resp: 91006
Ion Ratio Lower Upper
41 100
42 68.7 55.0 82.6





#13
Ethanol
Concen: 1.129 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. -0.000 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

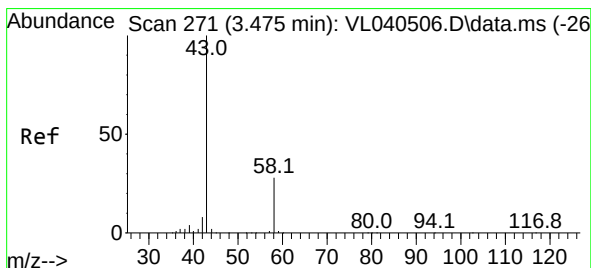
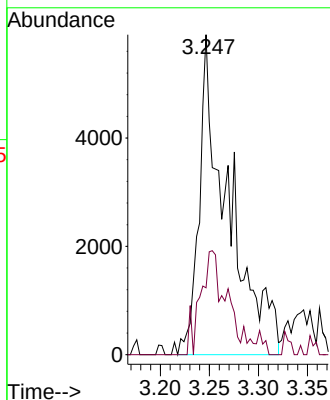
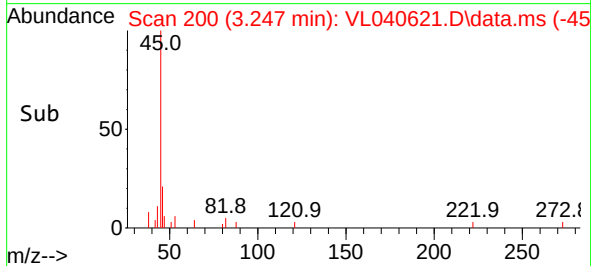
Instrument :
MSVOA_L
ClientSampleId :
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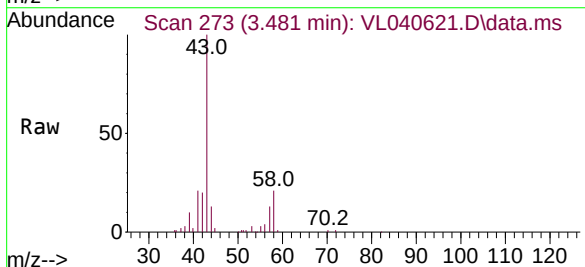
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Ion Ratio Lower Upper
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46 31.9 15.3 61.1

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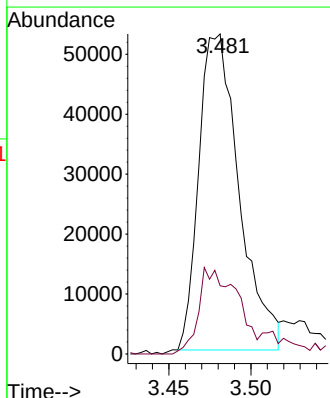
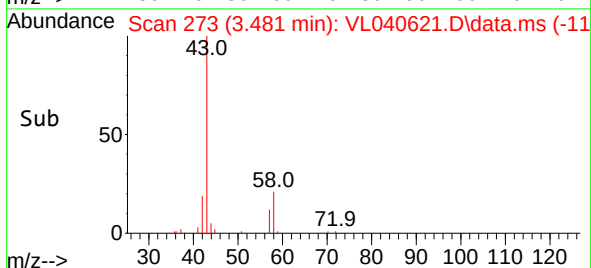
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

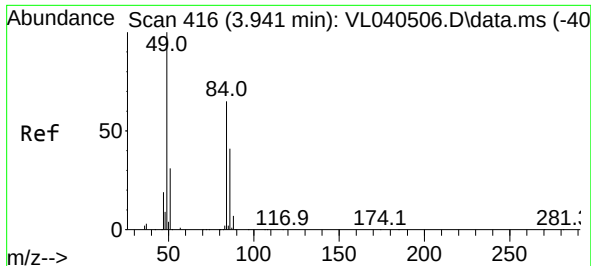


#15
Acetone
Concen: 0.864 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.006 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21



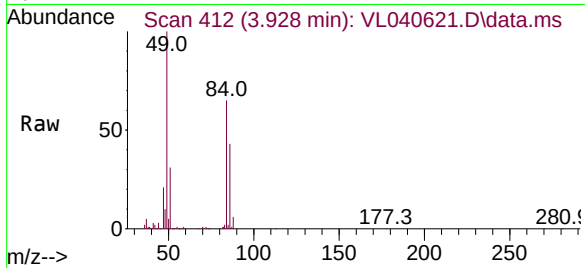
Tgt Ion: 43 Resp: 90208
Ion Ratio Lower Upper
43 100
58 30.7 22.9 34.3





#20
Methylene Chloride
Concen: 5.276 ppbv
RT: 3.928 min Scan# 416
Delta R.T. -0.013 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

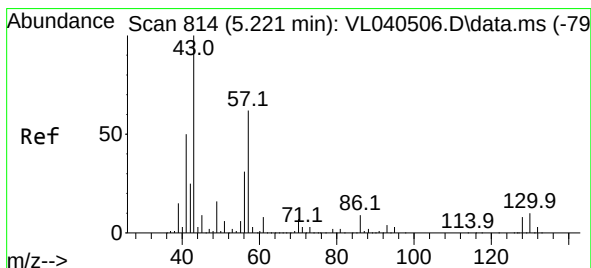
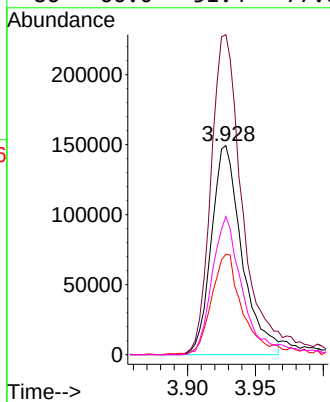
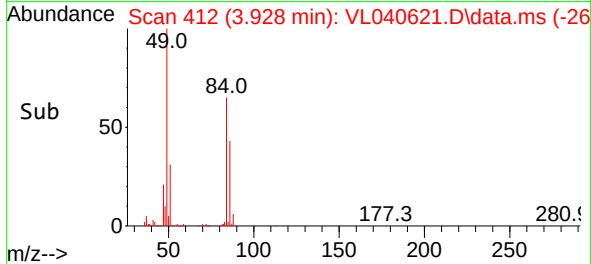
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2



Tgt Ion: 84 Resp: 234211
Ion Ratio Lower Upper
84 100
49 153.0 123.4 185.2
51 47.5 38.3 57.5
86 66.0 51.4 77.0

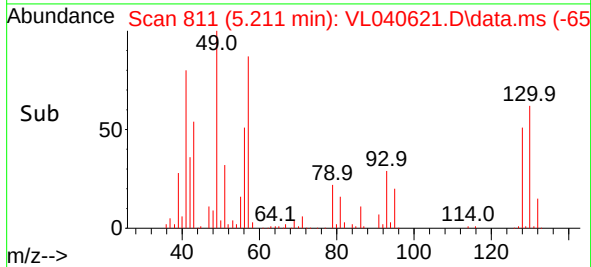
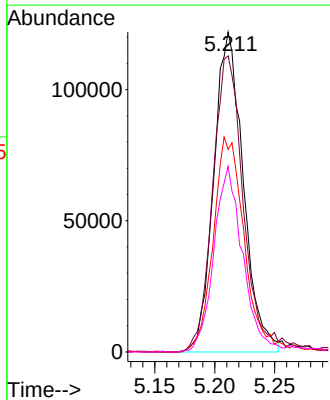
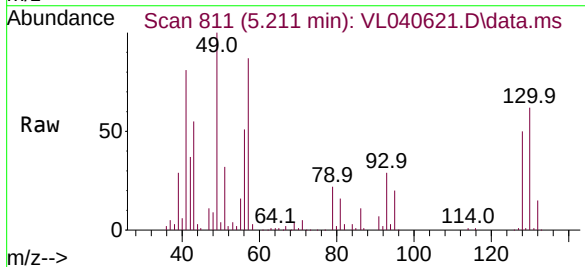
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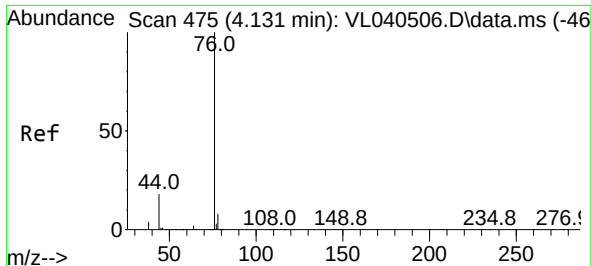
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#26
Hexane
Concen: 2.258 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

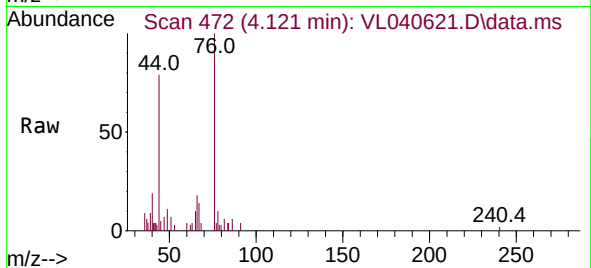
Tgt Ion: 57 Resp: 208383
Ion Ratio Lower Upper
57 100
41 98.1 69.5 104.3
43 71.7 177.1 265.7#
56 58.9 42.3 63.5





#27
Carbon Disulfide
Concen: 0.103 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

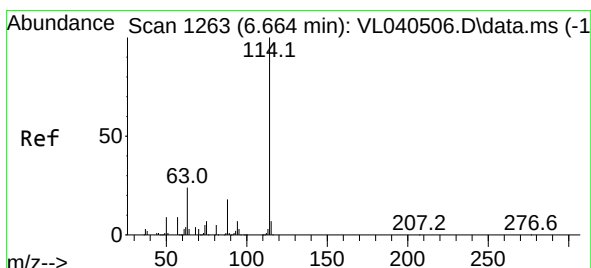
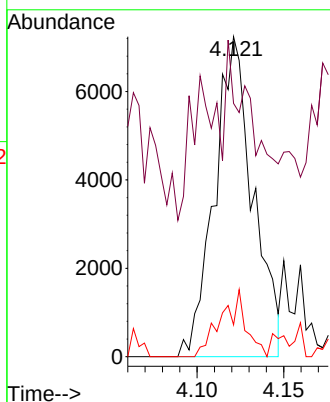
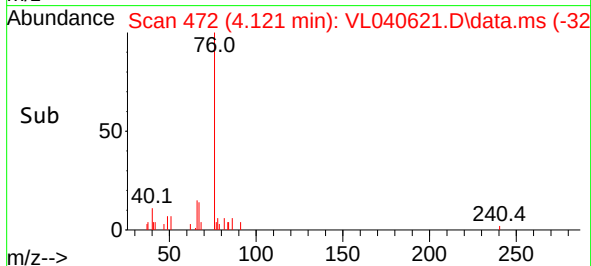
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2



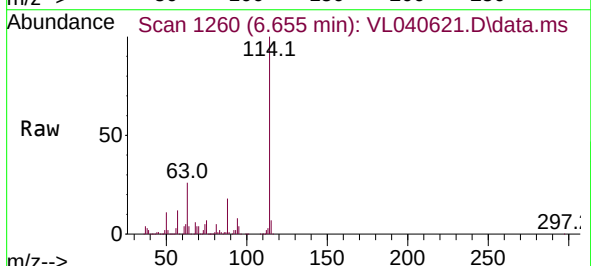
Tgt Ion: 76 Resp: 11178
Ion Ratio Lower Upper
76 100
44 35.5 15.1 22.7
78 18.3 7.5 11.3

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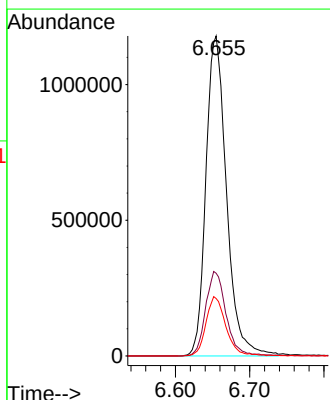
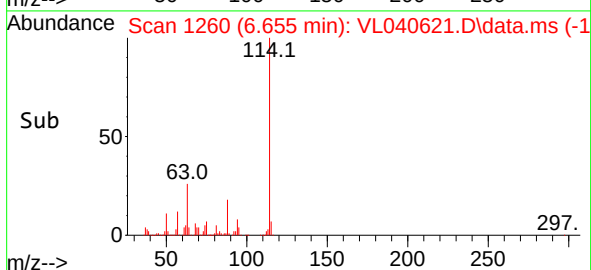
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

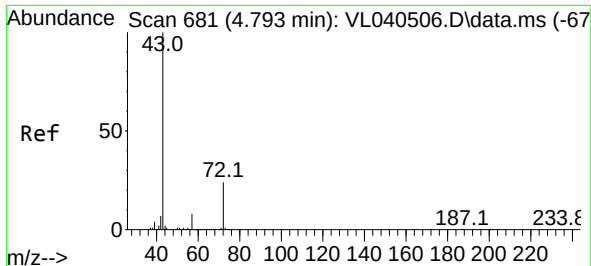


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21



Tgt Ion:114 Resp: 2270172
Ion Ratio Lower Upper
114 100
63 26.5 19.6 29.4
88 18.1 14.2 21.2





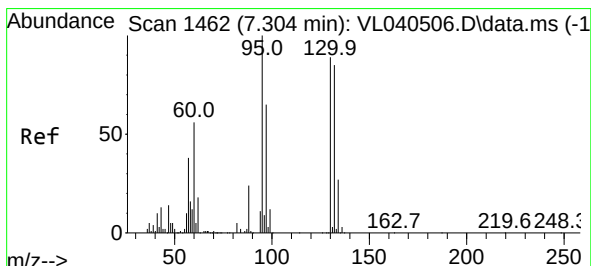
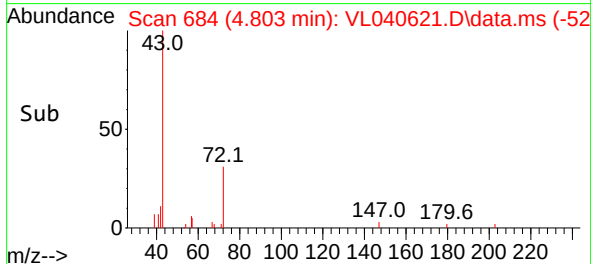
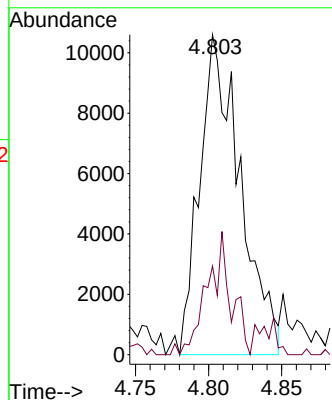
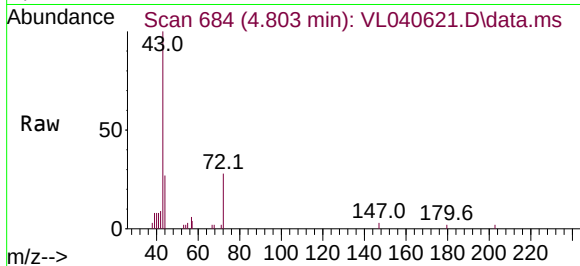
#34
2-Butanone
Concen: 0.182 ppbv m
RT: 4.803 min Scan# 681
Delta R.T. 0.010 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2

Tgt Ion: 43 Resp: 20375
Ion Ratio Lower Upper
43 100
72 0.0 19.1 28.75

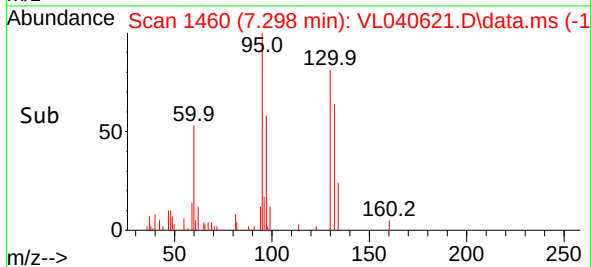
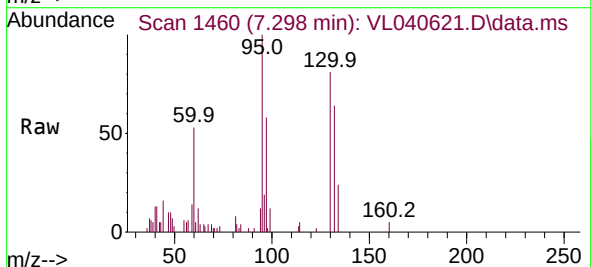
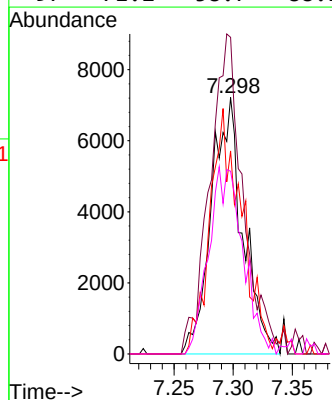
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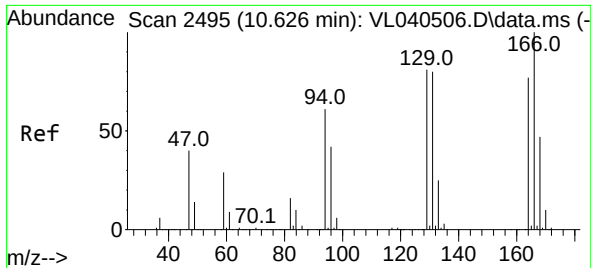
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#38
Trichloroethene
Concen: 0.194 ppbv m
RT: 7.298 min Scan# 1460
Delta R.T. -0.007 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

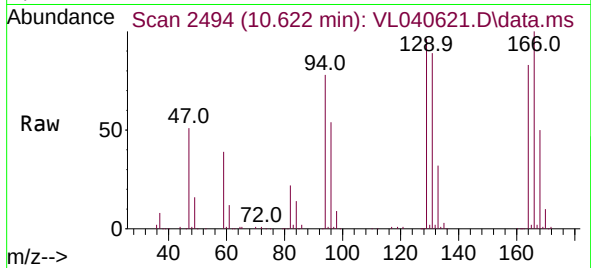
Tgt Ion:130 Resp: 13422
Ion Ratio Lower Upper
130 100
95 123.5 90.2 135.2
132 79.2 76.3 114.5
97 71.2 58.7 88.1





#52
Tetrachloroethene
Concen: 4.885 ppbv
RT: 10.622 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

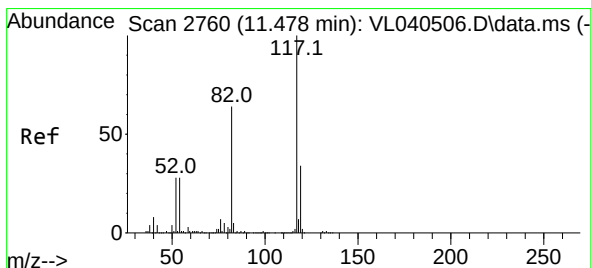
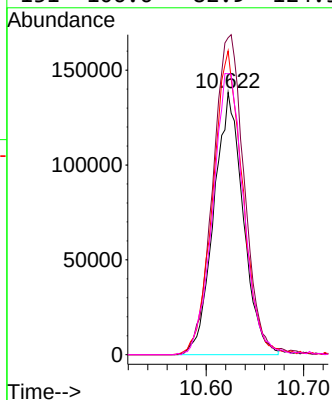
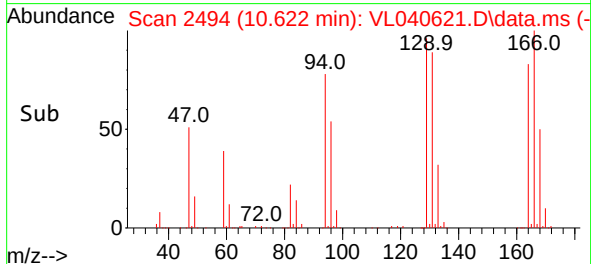
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2



Tgt Ion:164 Resp: 288954
Ion Ratio Lower Upper
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166 120.7 103.9 155.9
129 115.6 84.6 126.8
131 106.6 82.9 124.3

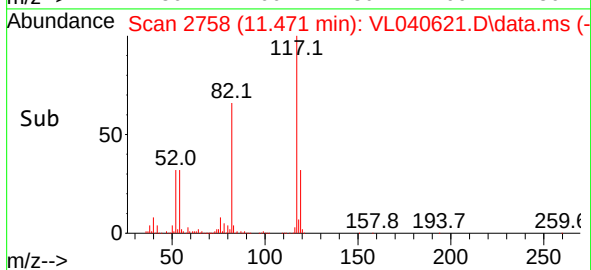
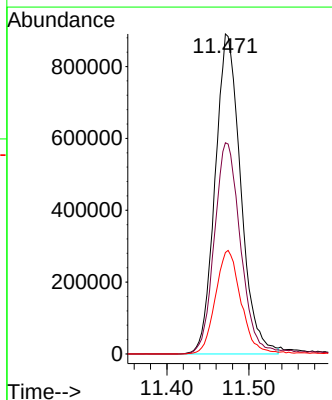
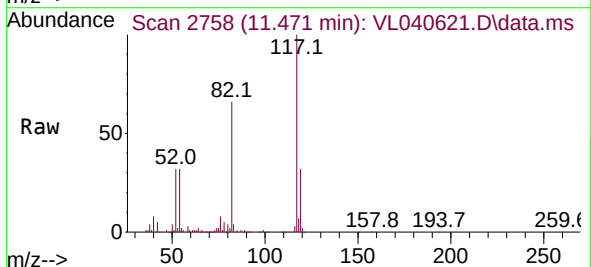
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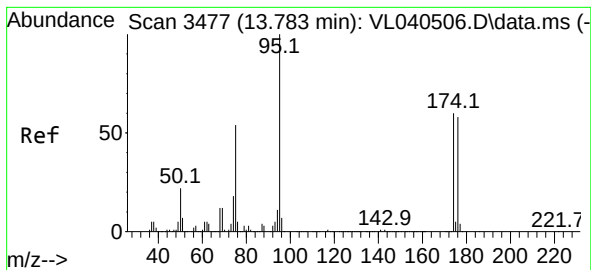
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.007 min
Lab File: VL040621.D
Acq: 10 Aug 2023 1:21

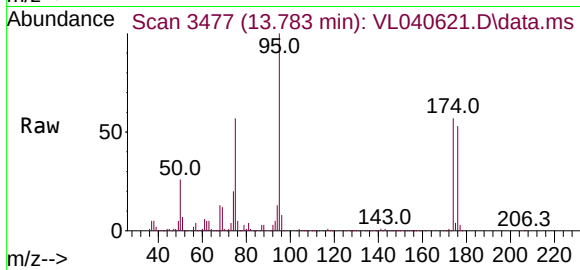
Tgt Ion:117 Resp: 1930614
Ion Ratio Lower Upper
117 100
82 68.8 50.2 75.4
119 33.0 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.251 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL040621.D
 Acq: 10 Aug 2023 1:21

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2



Tgt Ion: 95 Resp: 156634
 Ion Ratio Lower Upper
 95 100
 174 59.9 50.6 75.8
 175 4.1 3.7 5.5

Manual Integrations
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