

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041170.D
 Acq On : 25 Apr 2024 14:33
 Operator : SY/MD
 Sample : P2253-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

Quant Time: Apr 26 03:13:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Apr 26 03:09:28 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1284527	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3397147	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	3038803	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2370908	9.703	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	139891	2.223	ppbv #	75
13) Ethanol	3.259	45	12256m	0.819	ppbv	
15) Acetone	3.468	43	193879	1.394	ppbv #	84
20) Methylene Chloride	3.925	84	101077	1.762	ppbv	92
25) Ethyl Acetate	5.195	43	73517	0.281	ppbv #	78
26) Hexane	5.198	57	99482	0.849	ppbv #	42
27) Carbon Disulfide	4.118	76	151063	1.052	ppbv #	89
34) 2-Butanone	4.790	43	87516	0.609	ppbv	95
38) Trichloroethene	7.272	130	18529m	0.206	ppbv	
51) 2-Hexanone	9.558	43	30320m	0.173	ppbv	
52) Tetrachloroethene	10.590	164	99375	1.248	ppbv	92
53) Toluene	9.201	91	53161	0.202	ppbv	97
59) m/p-Xylene	12.320	91	51088m	0.170	ppbv	

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

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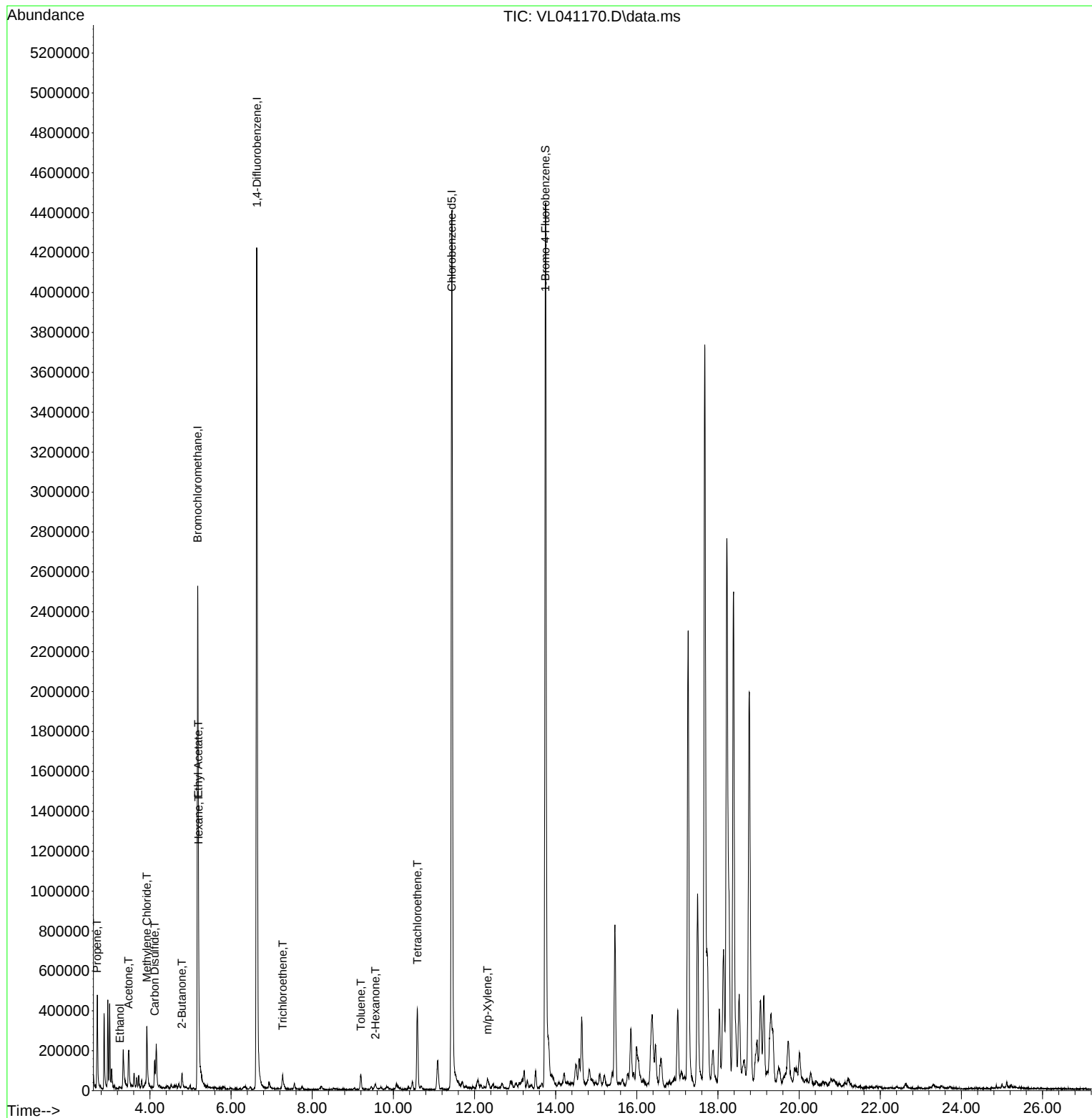
Quant Time: Apr 26 03:13:25 2024

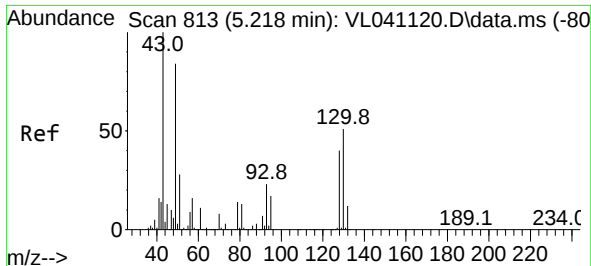
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug

QLast Update : Fri Apr 26 03:09:28 2024

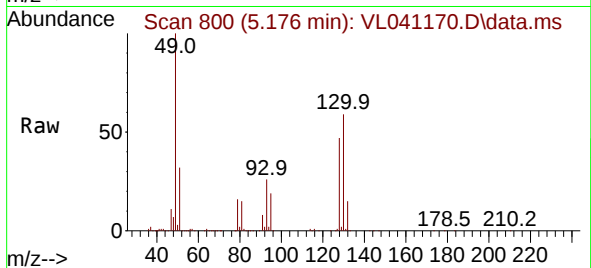
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

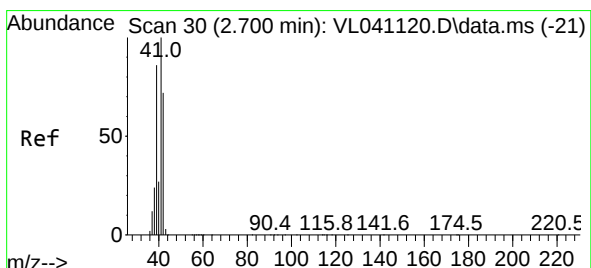
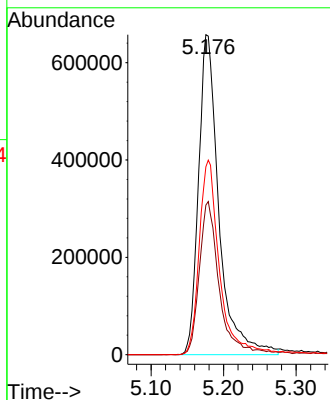
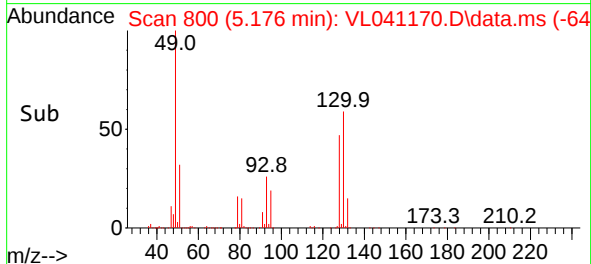
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 128452
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 62.4 30.1 90.5

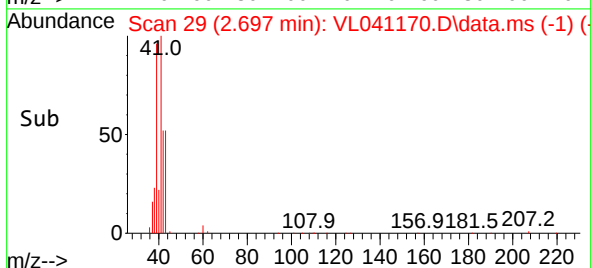
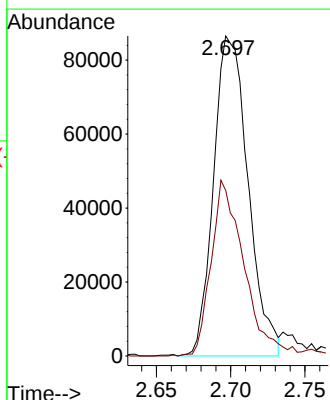
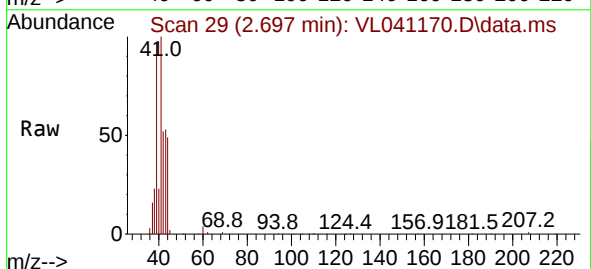
Manual Integrations
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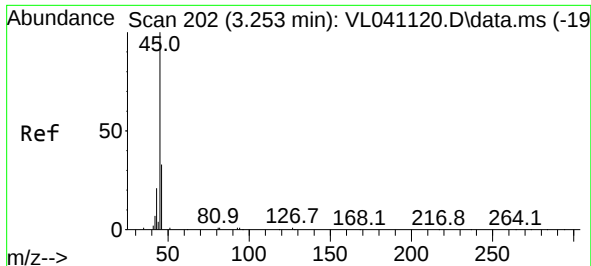
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#9
Propene
Concen: 2.223 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

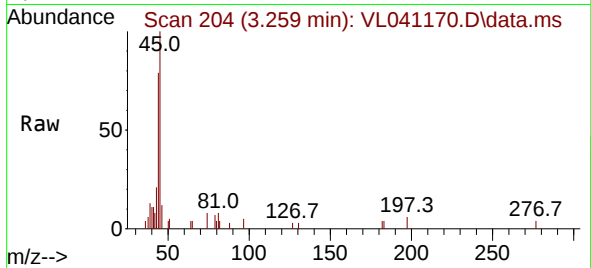
Tgt Ion: 41 Resp: 139891
Ion Ratio Lower Upper
41 100
42 54.2 60.1 90.1#





#13
Ethanol
Concen: 0.819 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.026 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

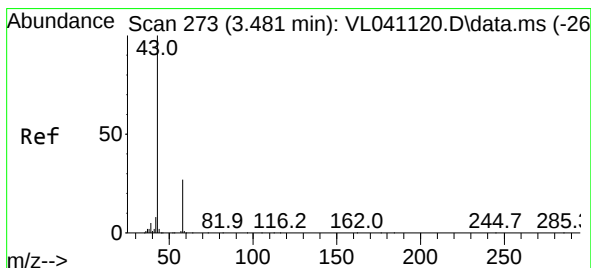
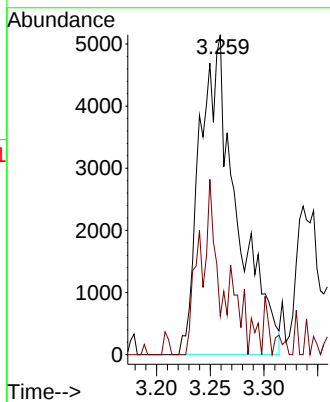
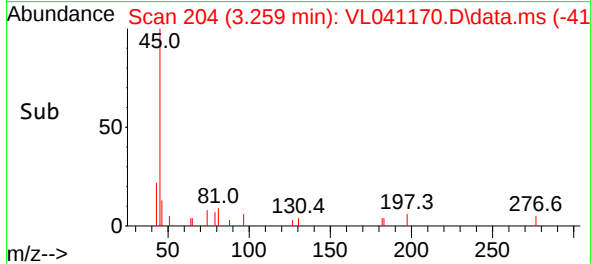
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



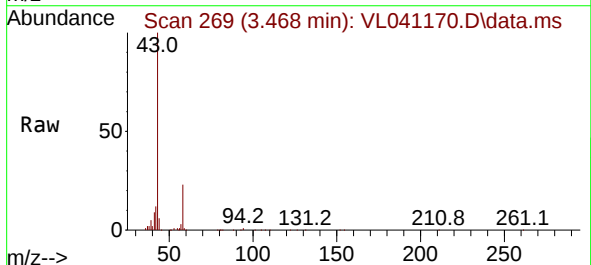
Tgt Ion: 45 Resp: 12250
Ion Ratio Lower Upper
45 100
46 0.0 15.0 59.8

Manual Integrations
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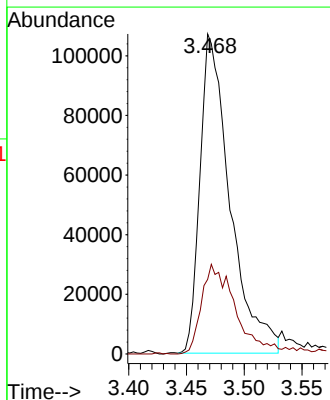
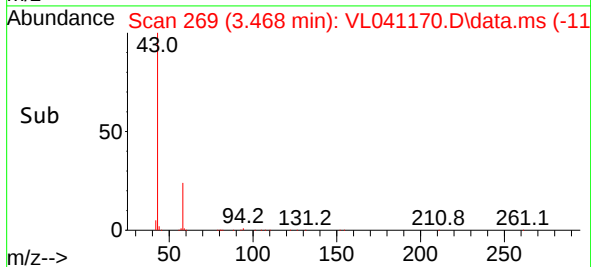
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

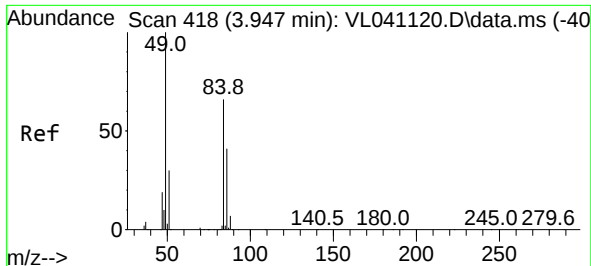


#15
Acetone
Concen: 1.394 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.010 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33



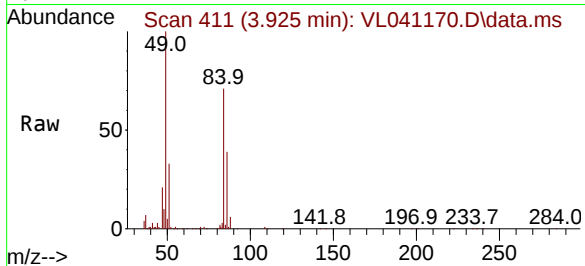
Tgt Ion: 43 Resp: 193879
Ion Ratio Lower Upper
43 100
58 34.8 21.1 31.7





#20
Methylene Chloride
Concen: 1.762 ppbv
RT: 3.925 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

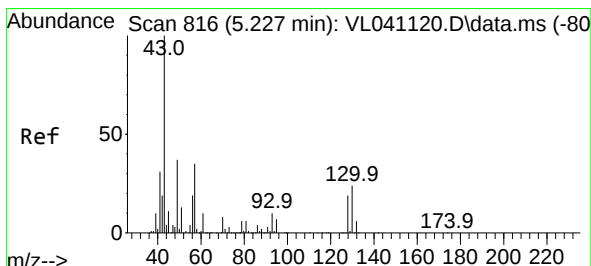
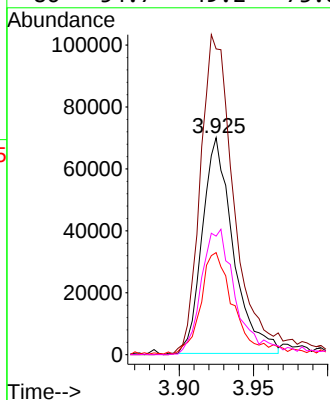
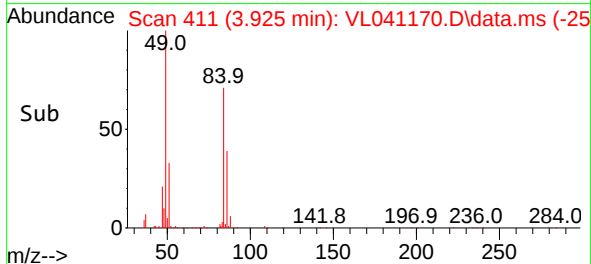
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 10107
Ion Ratio Lower Upper
84 100
49 138.9 120.7 181.1
51 45.8 36.6 54.8
86 54.7 49.2 73.8

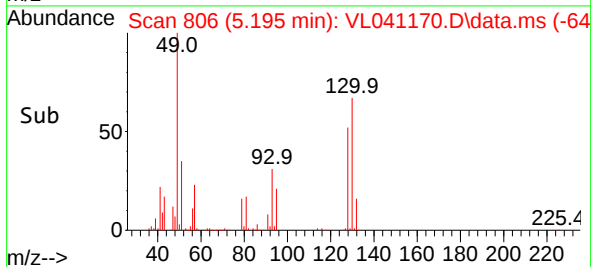
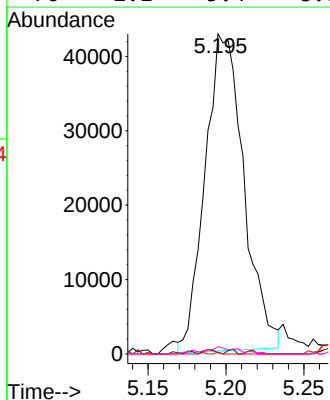
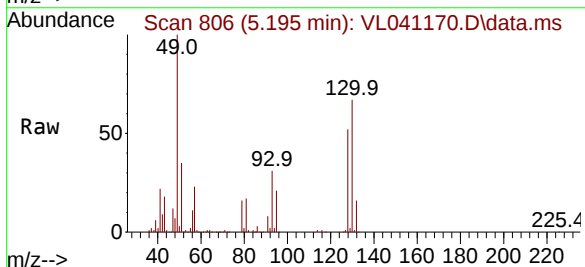
Manual Integrations
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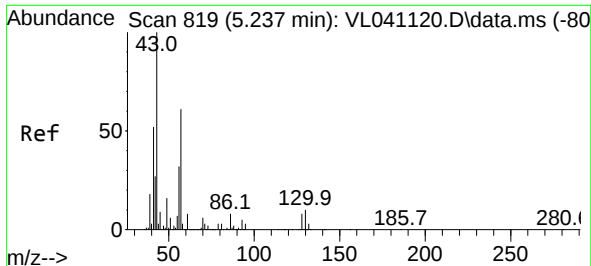
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#25
Ethyl Acetate
Concen: 0.281 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

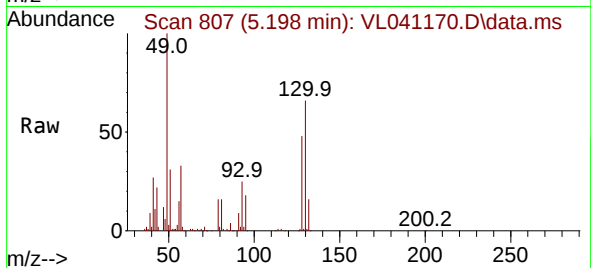
Tgt Ion: 43 Resp: 73517
Ion Ratio Lower Upper
43 100
45 1.0 8.0 12.0#
61 0.0 7.8 11.6#
70 2.1 5.4 8.0#





#26
Hexane
Concen: 0.849 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

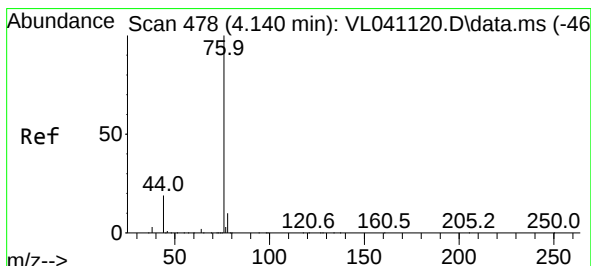
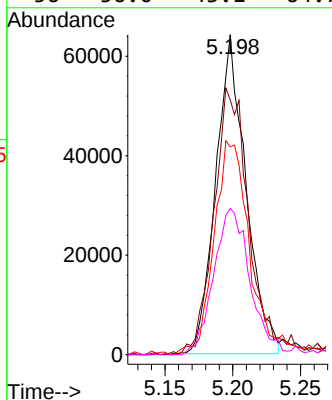
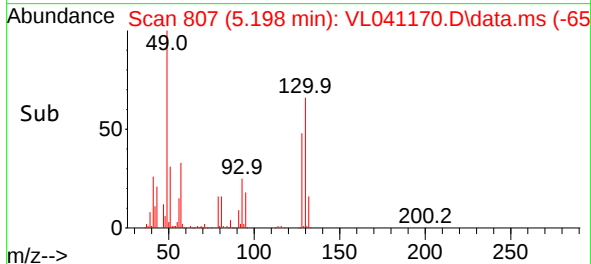
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 9948
Ion Ratio Lower Upper
57 100
41 99.6 73.8 110.8
43 82.8 186.2 279.2
56 56.0 43.1 64.7

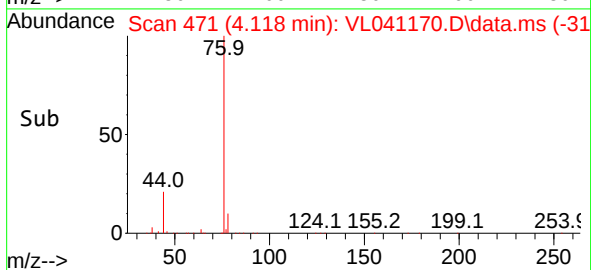
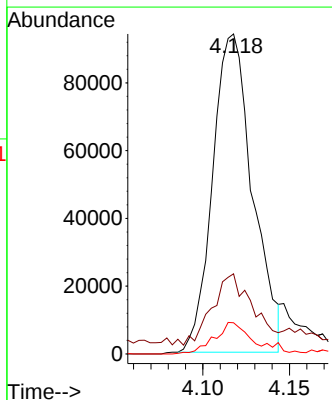
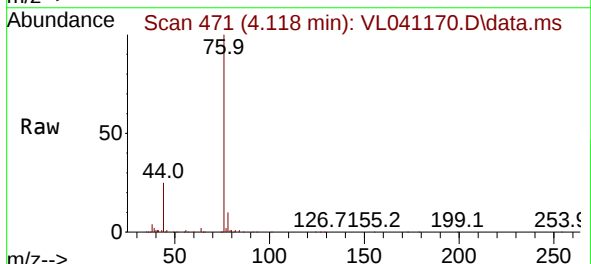
Manual Integrations
APPROVED

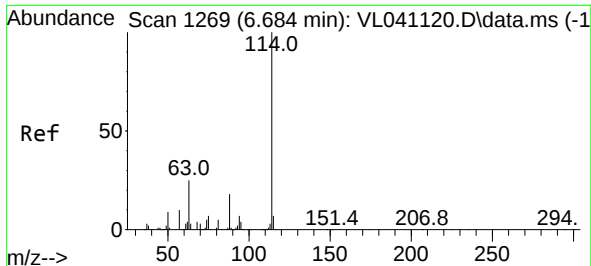
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#27
Carbon Disulfide
Concen: 1.052 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

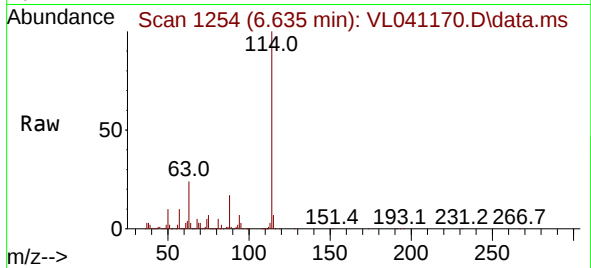
Tgt Ion: 76 Resp: 151063
Ion Ratio Lower Upper
76 100
44 27.5 16.3 24.5
78 11.0 7.9 11.9





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

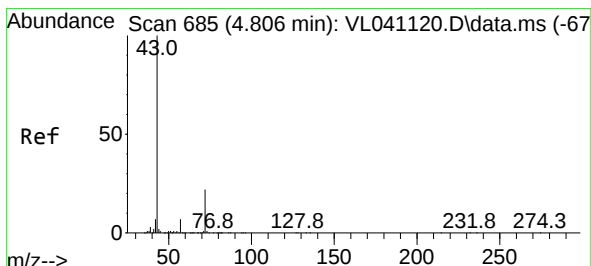
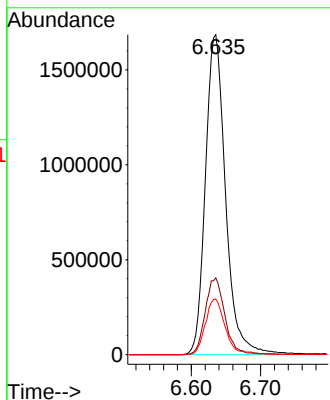
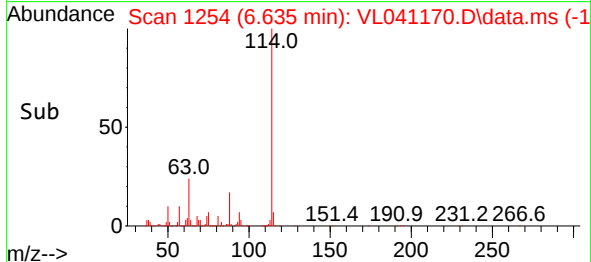
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:114 Resp: 339714
Ion Ratio Lower Upper
114 100
63 23.8 20.9 31.3
88 17.3 14.5 21.7

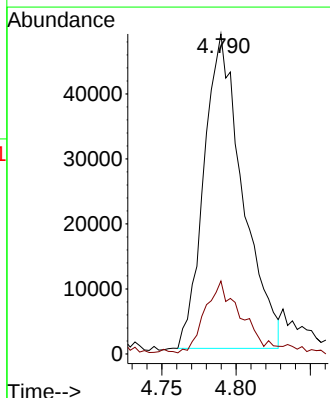
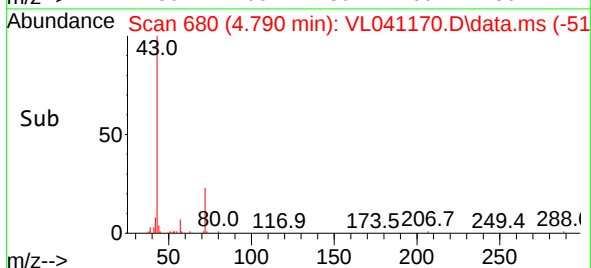
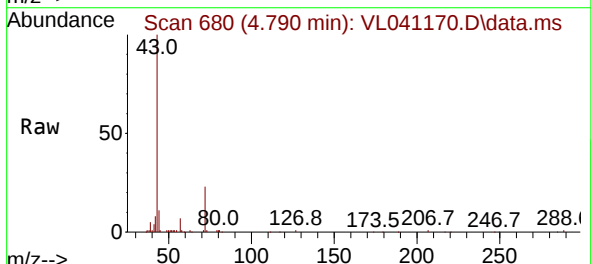
Manual Integrations
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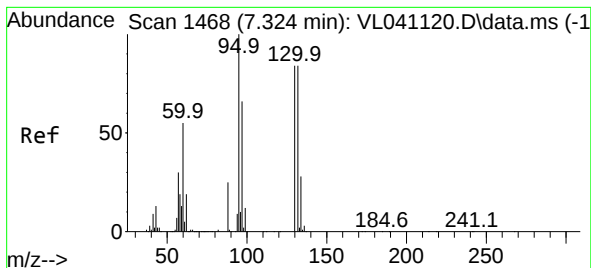
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#34
2-Butanone
Concen: 0.609 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.019 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

Tgt Ion: 43 Resp: 87516
Ion Ratio Lower Upper
43 100
72 24.4 17.6 26.4





#38

Trichloroethene

Concen: 0.206 ppbv m

RT: 7.272 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VL041170.D

Acq: 25 Apr 2024 14:33

Instrument :

MSVOA_L

ClientSampleId :

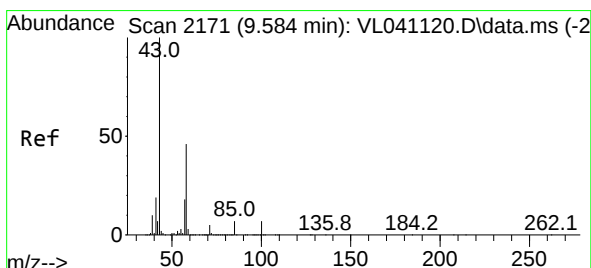
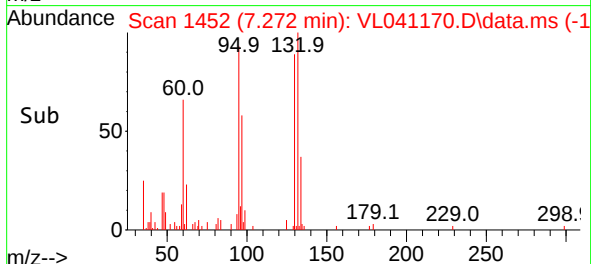
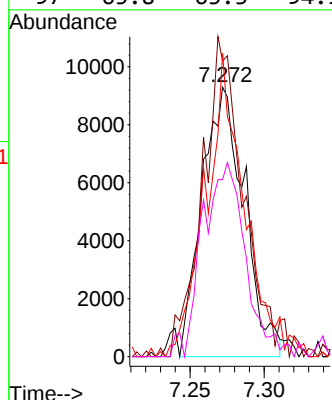
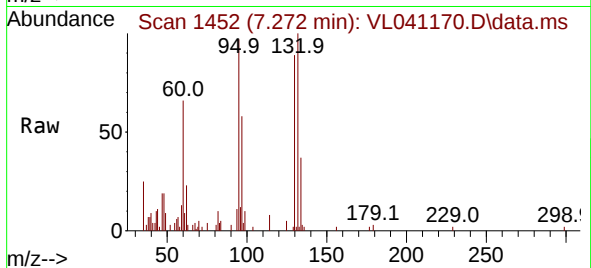
SV1DL

Tgt Ion:	130	Resp:	18529
Ion Ratio	Lower	Upper	
130	100		
95	109.7	95.4	143.0
132	112.5	80.0	120.0
97	65.8	63.3	94.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#51

2-Hexanone

Concen: 0.173 ppbv m

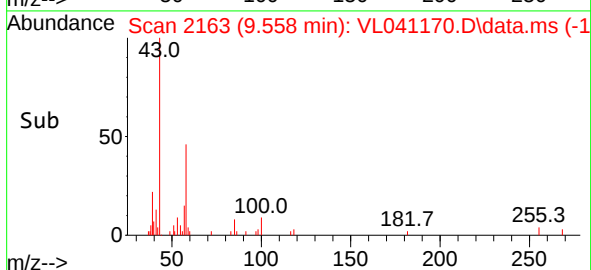
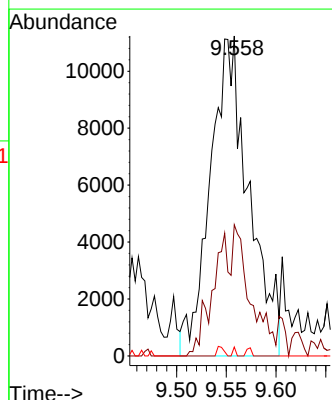
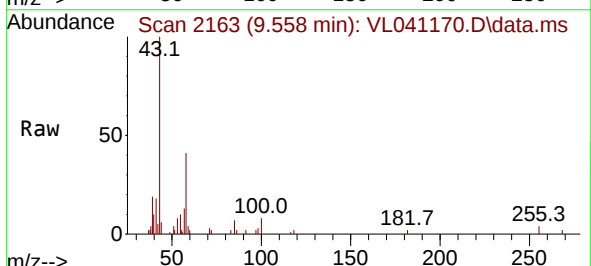
RT: 9.558 min Scan# 2163

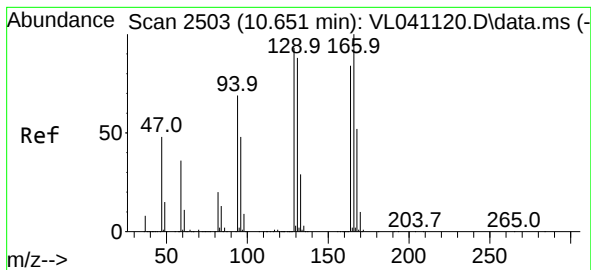
Delta R.T. 0.032 min

Lab File: VL041170.D

Acq: 25 Apr 2024 14:33

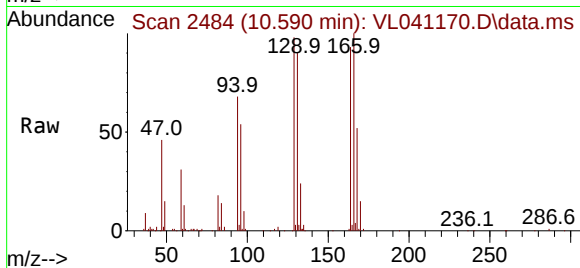
Tgt Ion:	43	Resp:	30320
Ion Ratio	Lower	Upper	
43	100		
58	0.0	37.3	55.9#
98	0.0	0.3	0.5#





#52
Tetrachloroethene
Concen: 1.248 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.000 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

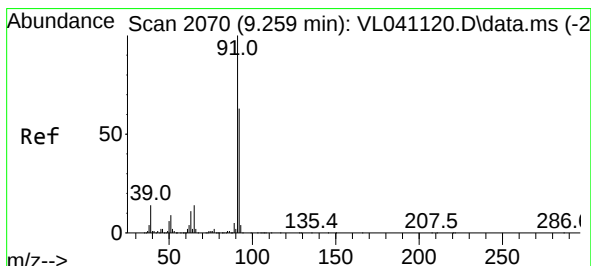
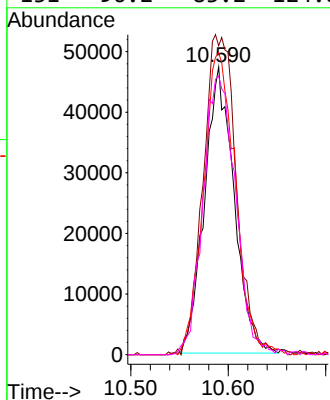
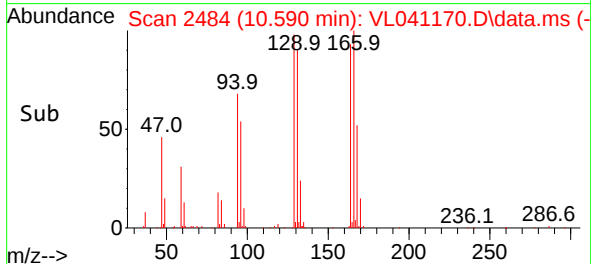
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



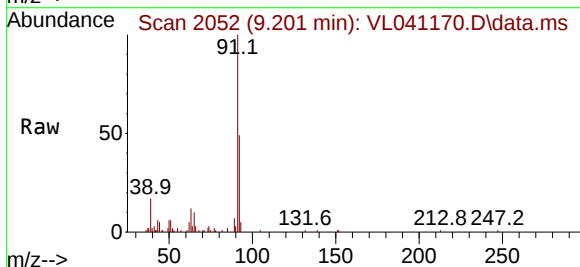
Tgt Ion:164 Resp: 99375
Ion Ratio Lower Upper
164 100
166 106.2 95.0 142.6
129 105.5 88.7 133.1
131 96.2 83.2 124.8

Manual Integrations
APPROVED

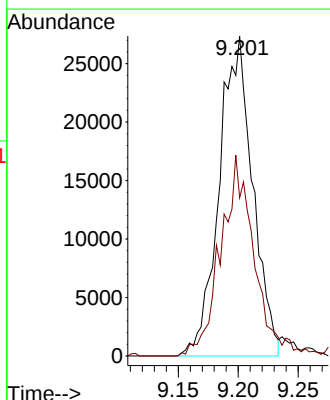
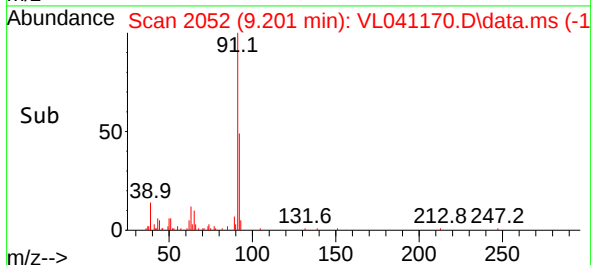
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

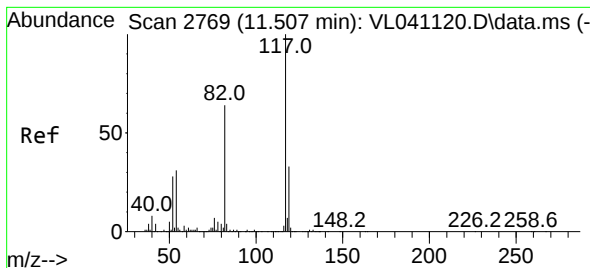


#53
Toluene
Concen: 0.202 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. 0.003 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33



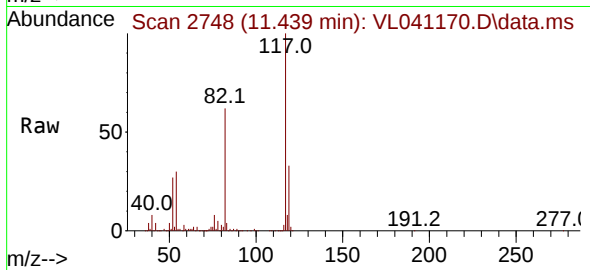
Tgt Ion: 91 Resp: 53161
Ion Ratio Lower Upper
91 100
92 63.1 49.0 73.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

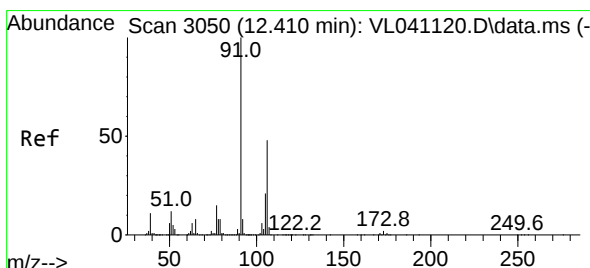
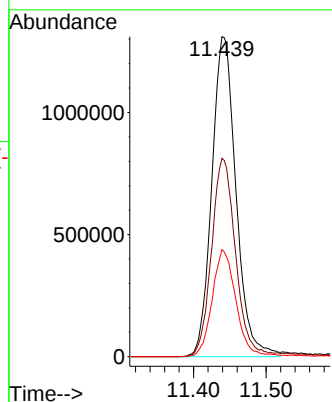
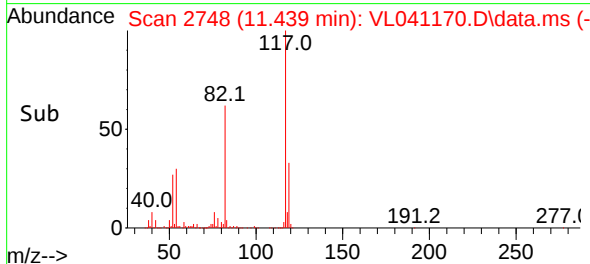
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:117 Resp: 303880
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.6
119 33.2 25.2 37.8

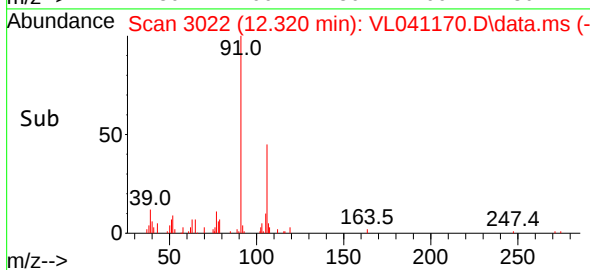
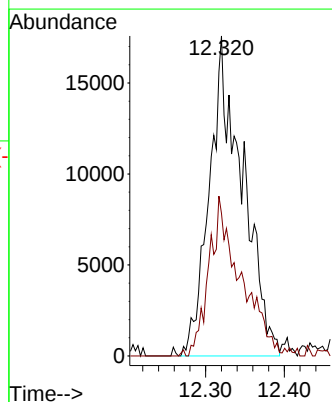
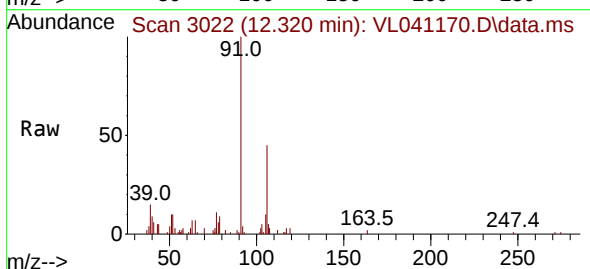
Manual Integrations
APPROVED

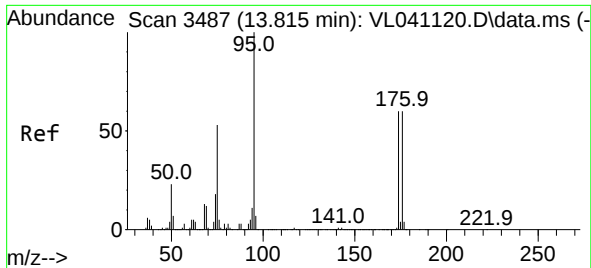
Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024



#59
m/p-Xylene
Concen: 0.170 ppbv m
RT: 12.320 min Scan# 3022
Delta R.T. -0.029 min
Lab File: VL041170.D
Acq: 25 Apr 2024 14:33

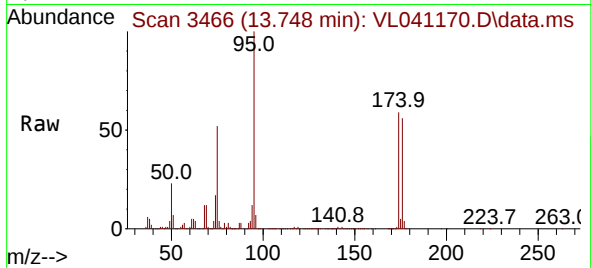
Tgt Ion: 91 Resp: 51088
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.703 ppbv
 RT: 13.748 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL041170.D
 Acq: 25 Apr 2024 14:33

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 2370908
 Ion Ratio Lower Upper
 95 100
 174 62.5 49.3 73.9
 175 4.9 3.6 5.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

