

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041551.D
 Acq On : 19 Aug 2024 17:11
 Operator : SY/MD
 Sample : P3658-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 02:19:34 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1034686	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2720820	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2495945	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1916973	9.980	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.716	41	26211	0.463	ppbv	91
10) Heptane	7.600	43	85250	0.671	ppbv	100
15) Acetone	3.507	43	472776	4.022	ppbv	# 79
20) Methylene Chloride	3.954	84	112421	2.564	ppbv	96
25) Ethyl Acetate	5.230	43	309194	1.324	ppbv	# 76
26) Hexane	5.230	57	436105	4.501	ppbv	# 38
34) 2-Butanone	4.816	43	221470	1.683	ppbv	99
51) 2-Hexanone	9.594	43	30329m	0.193	ppbv	
53) Toluene	9.240	91	72847	0.329	ppbv	97
59) m/p-Xylene	12.368	91	111835m	0.450	ppbv	
60) o-Xylene	13.076	91	40450m	0.172	ppbv	
74) 1,2,4-Trimethylbenzene	16.130	105	56984m	0.206	ppbv	

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

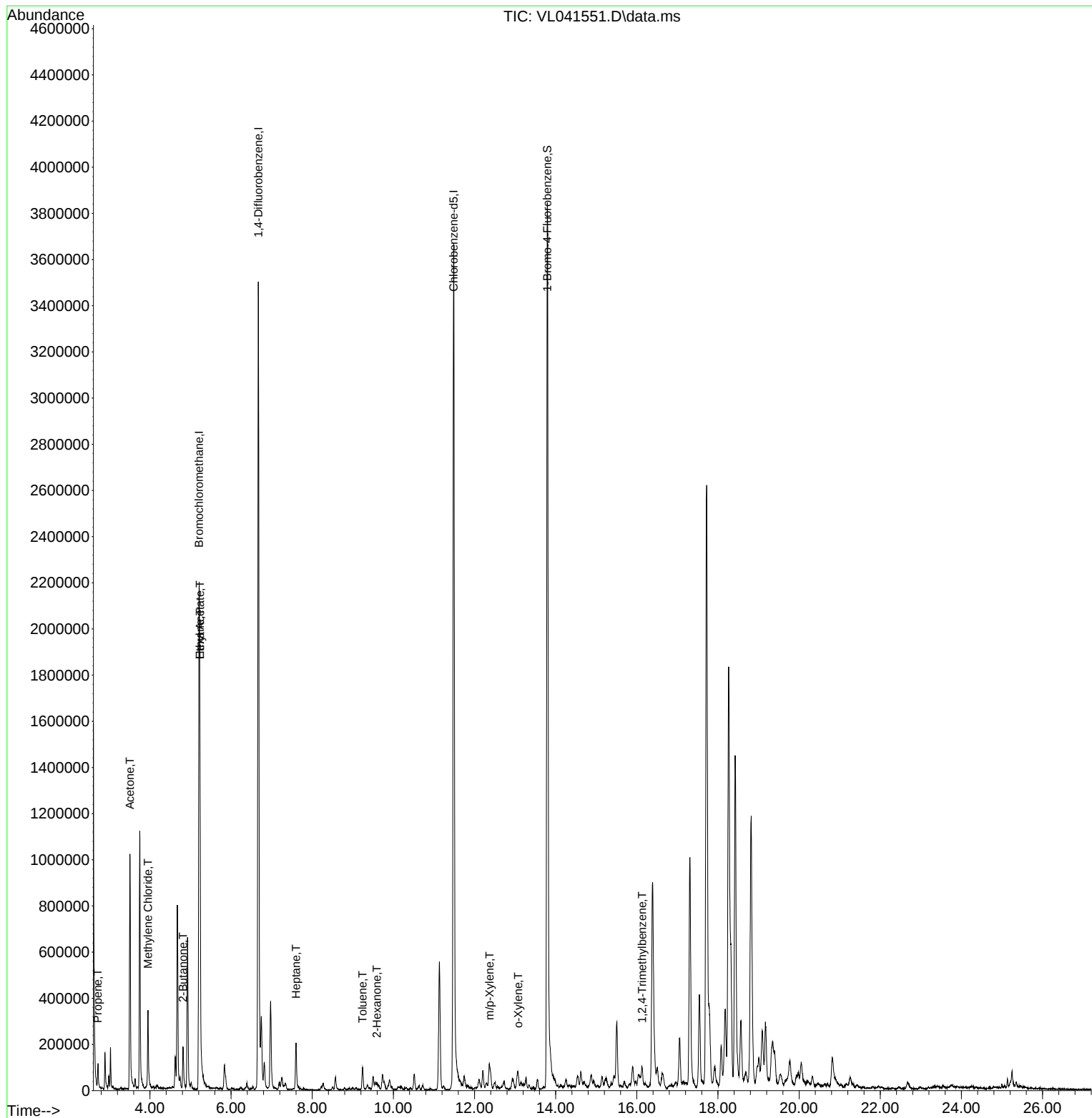
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
Data File : VL041551.D
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Misc : 400mL/MSVOA_L
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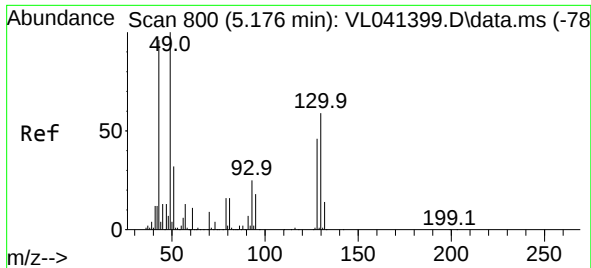
Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Quant Time: Aug 20 02:19:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Aug 20 02:10:04 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

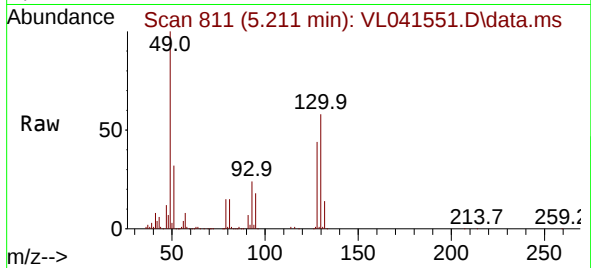
Reviewed By : Semsettin Yesilyurt 08/20/2024
Supervised By : Mahesh Dadoda 08/20/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

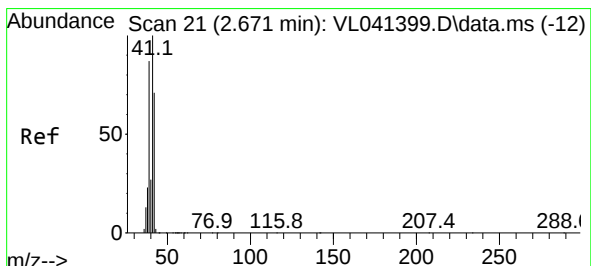
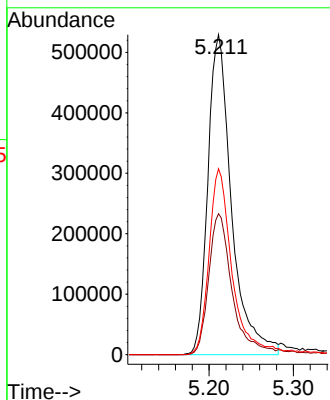
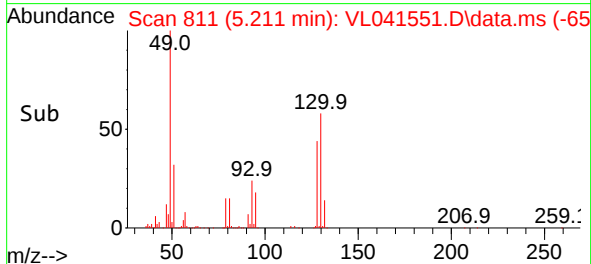
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



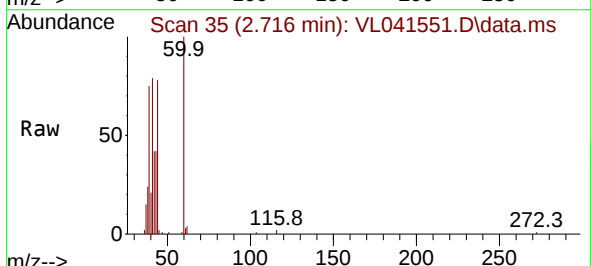
Tgt Ion: 49 Resp: 103468
Ion Ratio Lower Upper
49 100
128 45.4 23.8 71.4
130 58.0 30.8 92.4

Manual Integrations
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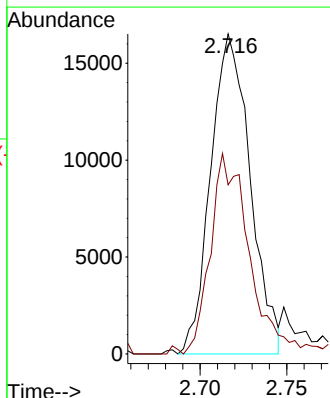
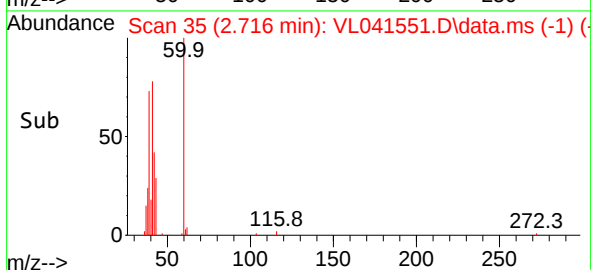
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

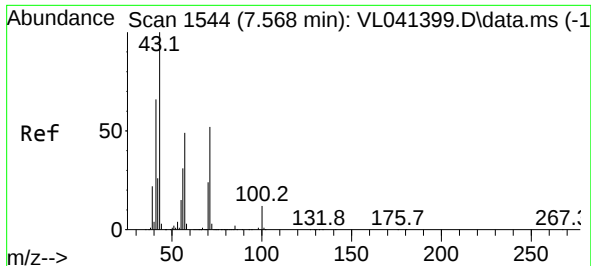


#9
Propene
Concen: 0.463 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11



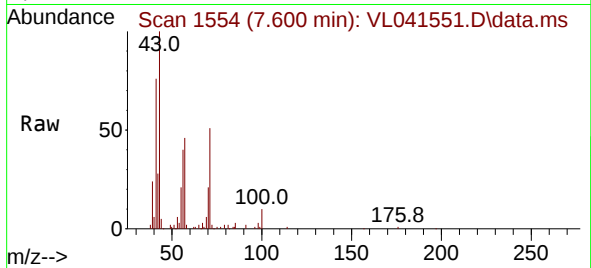
Tgt Ion: 41 Resp: 26211
Ion Ratio Lower Upper
41 100
42 62.3 55.9 83.9





#10
Heptane
Concen: 0.671 ppbv
RT: 7.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

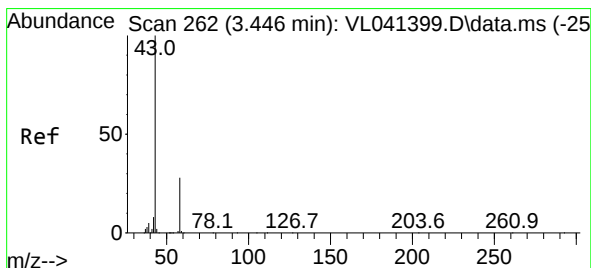
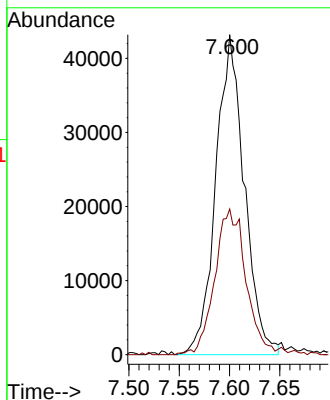
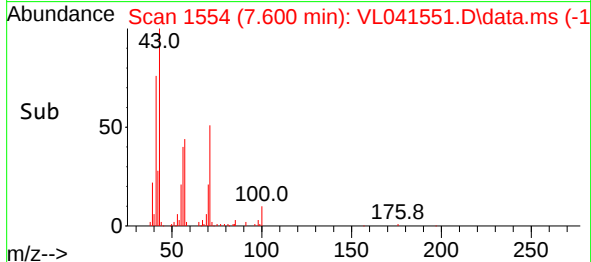
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 43 Resp: 85250
Ion Ratio Lower Upper
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57 50.4 40.5 60.7

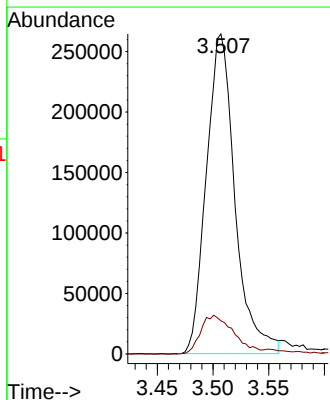
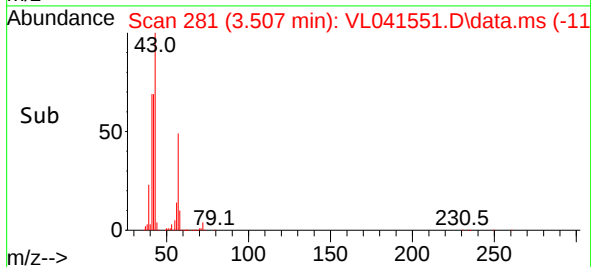
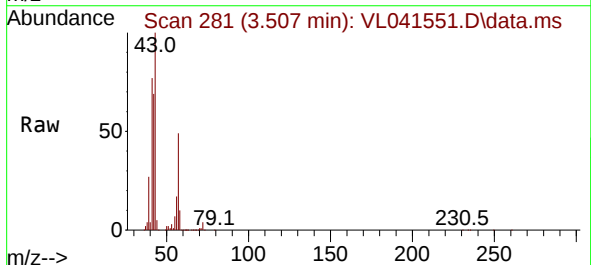
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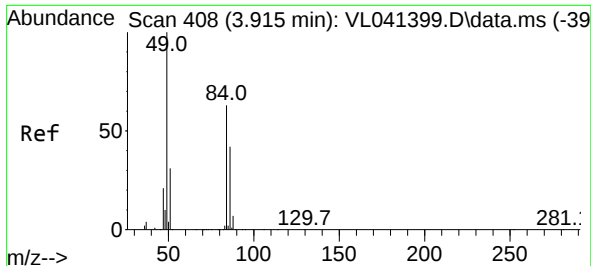
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#15
Acetone
Concen: 4.022 ppbv
RT: 3.507 min Scan# 281
Delta R.T. 0.023 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

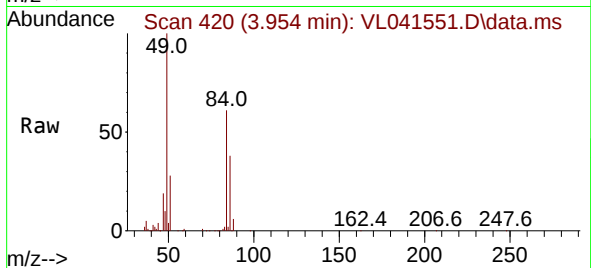
Tgt Ion: 43 Resp: 472776
Ion Ratio Lower Upper
43 100
58 16.0 21.4 32.2#





#20
Methylene Chloride
Concen: 2.564 ppbv
RT: 3.954 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

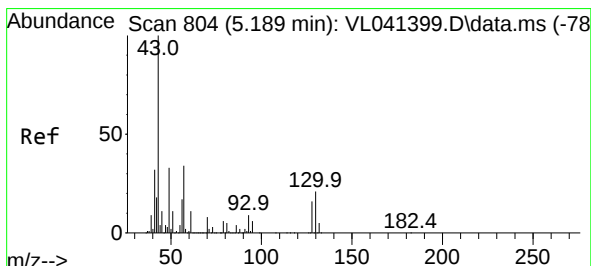
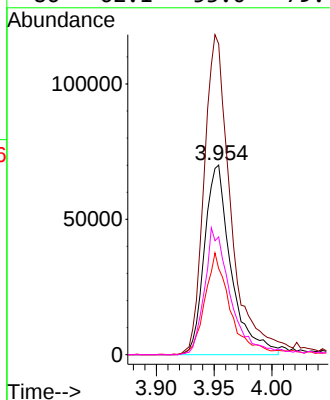
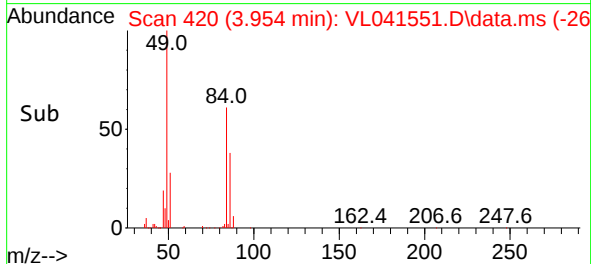
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 84 Resp: 11242
Ion Ratio Lower Upper
84 100
49 163.7 126.6 190.0
51 45.4 38.6 58.0
86 62.1 53.0 79.4

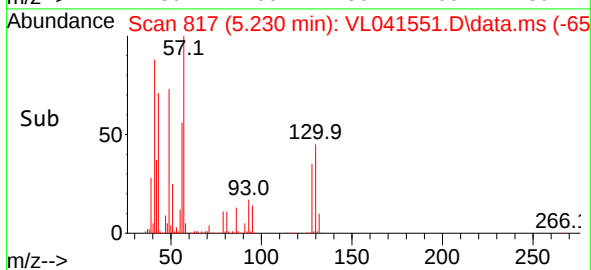
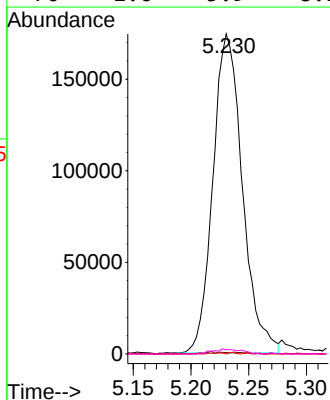
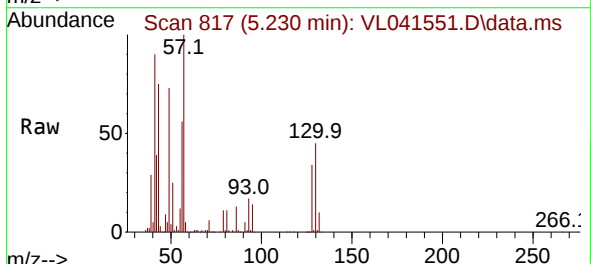
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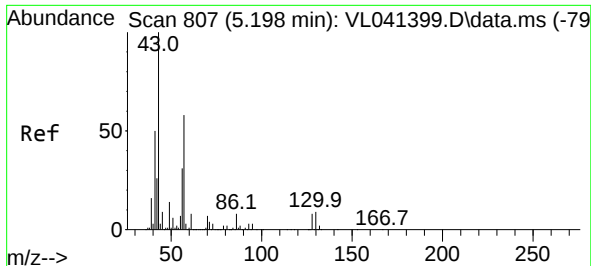
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#25
Ethyl Acetate
Concen: 1.324 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

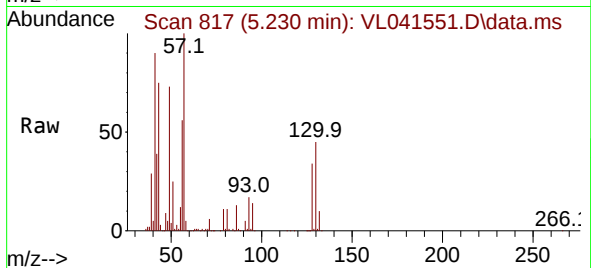
Tgt Ion: 43 Resp: 309194
Ion Ratio Lower Upper
43 100
45 0.8 8.5 12.7#
61 0.3 8.0 12.0#
70 1.6 5.9 8.9#





#26
Hexane
Concen: 4.501 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

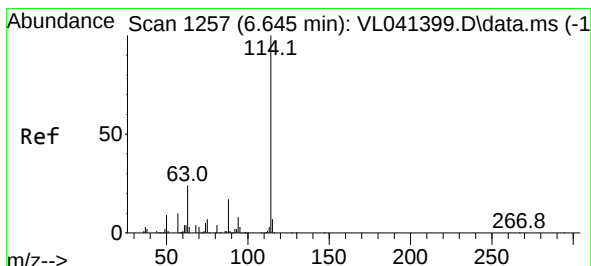
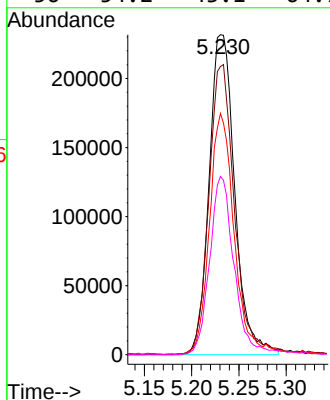
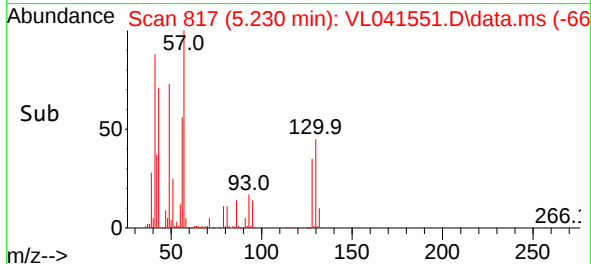
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



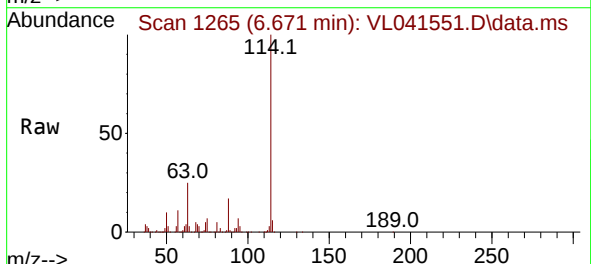
Tgt Ion: 57 Resp: 43610
Ion Ratio Lower Upper
57 100
41 92.2 74.0 111.0
43 73.2 193.6 290.4
56 54.2 43.1 64.7

Manual Integrations
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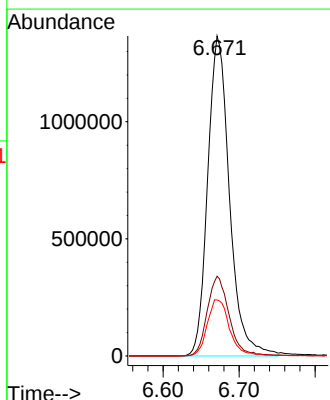
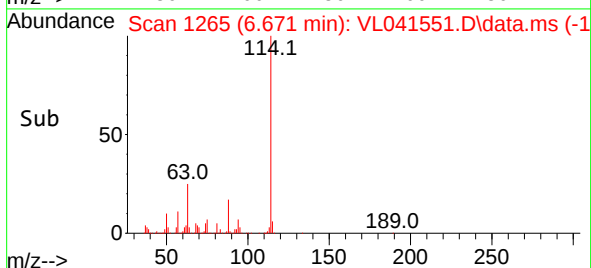
Reviewed By :Semsettin Yesilyurt 08/20/2024
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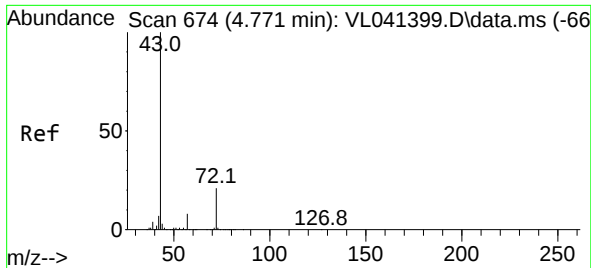


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11



Tgt Ion:114 Resp: 2720820
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 18.1 14.3 21.5





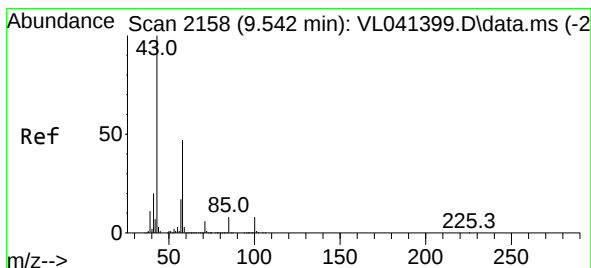
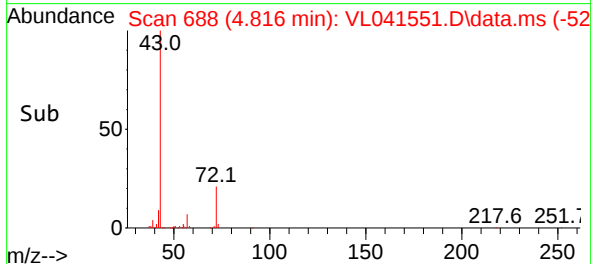
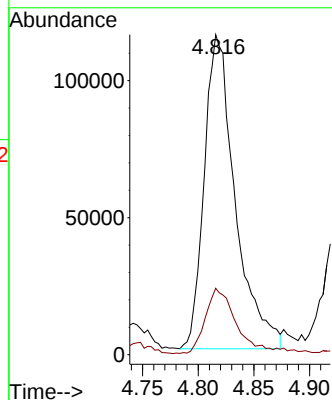
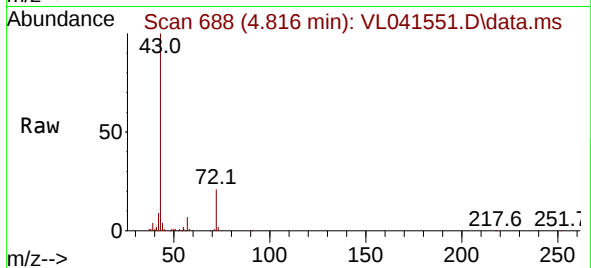
#34
2-Butanone
Concen: 1.683 ppbv
RT: 4.816 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Tgt Ion: 43 Resp: 221470
Ion Ratio Lower Upper
43 100
72 22.3 17.3 25.9

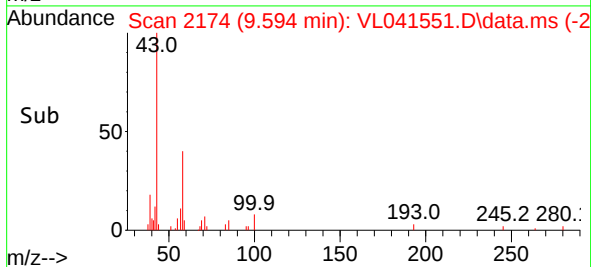
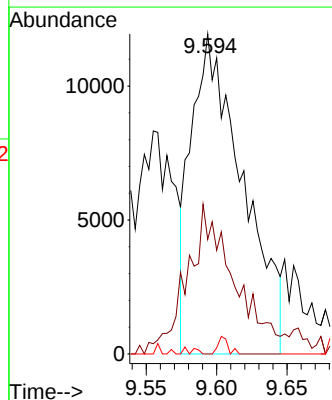
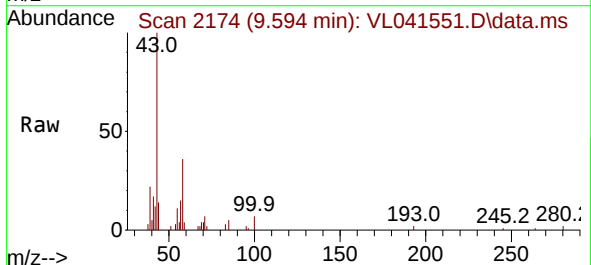
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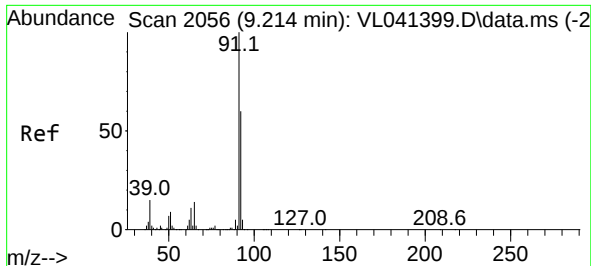
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#51
2-Hexanone
Concen: 0.193 ppbv m
RT: 9.594 min Scan# 2174
Delta R.T. 0.023 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

Tgt Ion: 43 Resp: 30329
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#





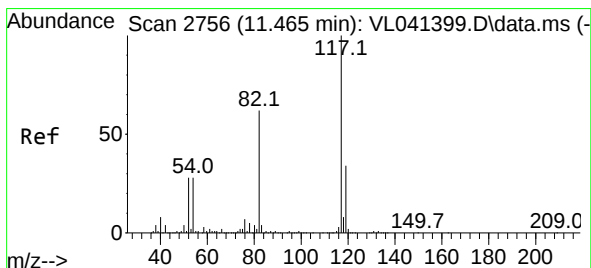
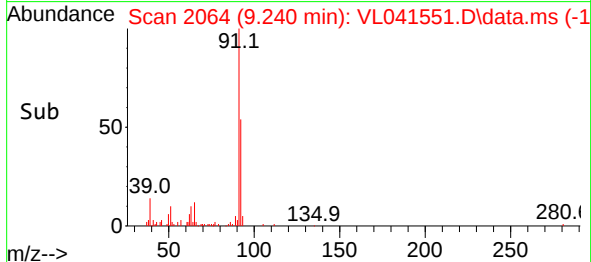
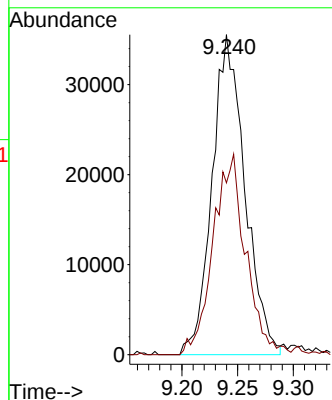
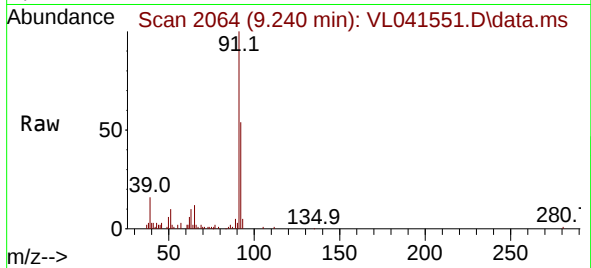
#53
Toluene
Concen: 0.329 ppbv
RT: 9.240 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Tgt Ion: 91 Resp: 7284
Ion Ratio Lower Upper
91 100
92 63.5 48.7 73.1

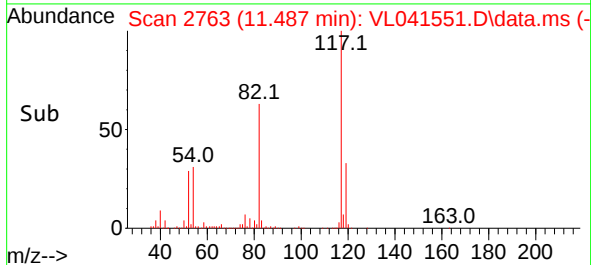
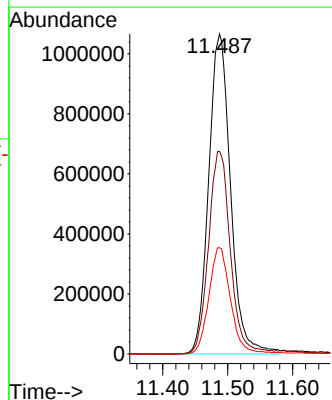
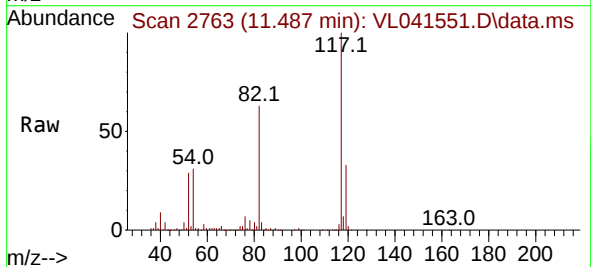
Manual Integrations
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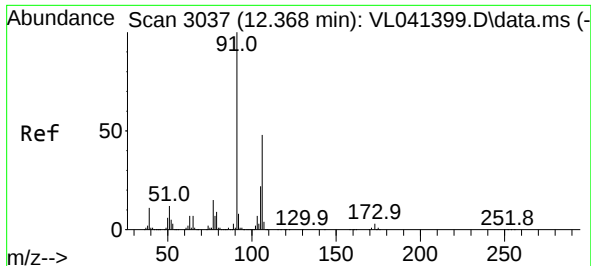
Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.003 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

Tgt Ion:117 Resp: 2495945
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 33.4 45.2 67.8#





#59

m/p-Xylene

Concen: 0.450 ppbv m

RT: 12.368 min Scan# 3037

Delta R.T. -0.026 min

Lab File: VL041551.D

Acq: 19 Aug 2024 17:11

Instrument :

MSVOA_L

ClientSampleId :

SVIDL

Tgt Ion: 91 Resp: 11183

Ion Ratio Lower Upper

91 100

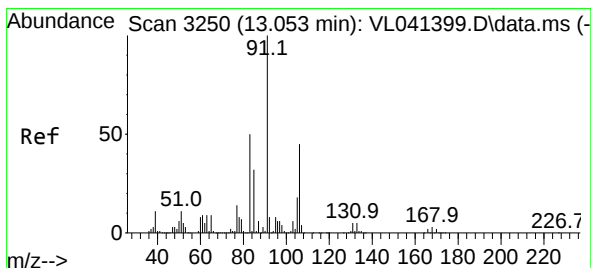
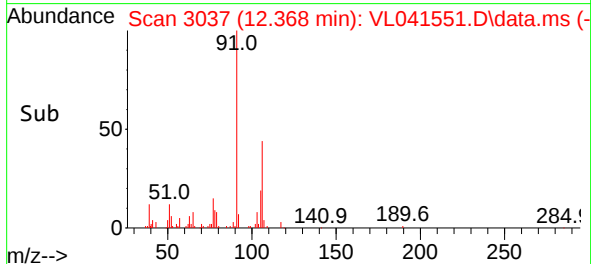
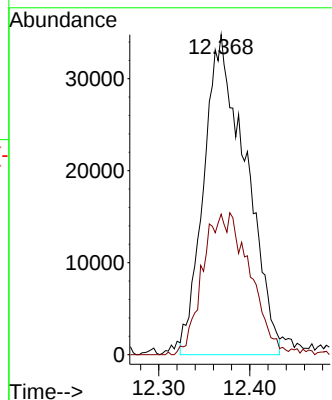
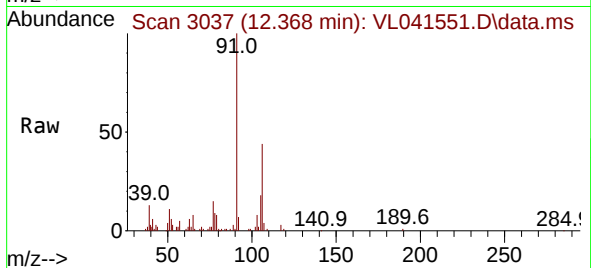
106 0.0 36.3 54.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/20/2024

Supervised By :Mahesh Dadoda 08/20/2024



#60

o-Xylene

Concen: 0.172 ppbv m

RT: 13.076 min Scan# 3257

Delta R.T. -0.003 min

Lab File: VL041551.D

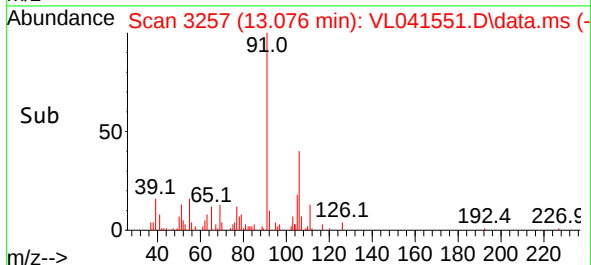
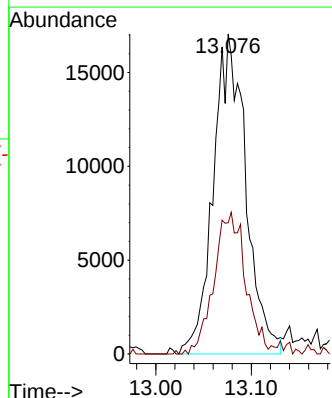
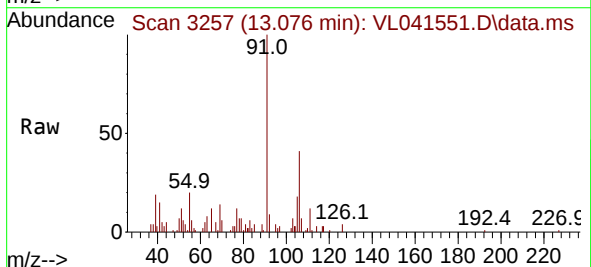
Acq: 19 Aug 2024 17:11

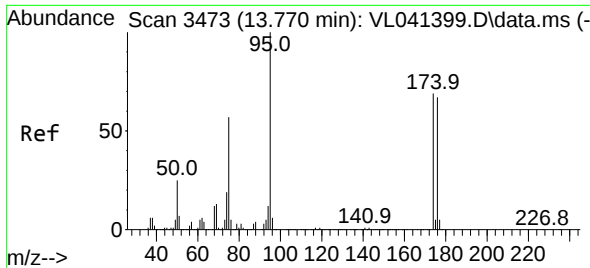
Tgt Ion: 91 Resp: 40450

Ion Ratio Lower Upper

91 100

106 44.2 23.1 69.3





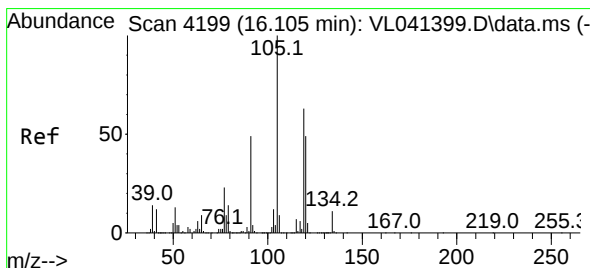
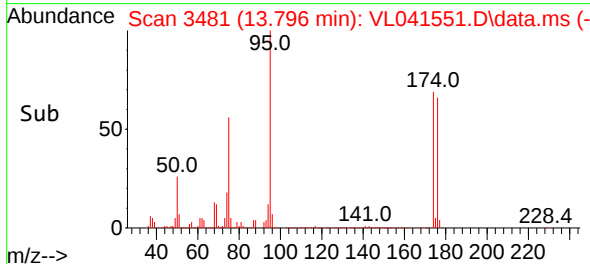
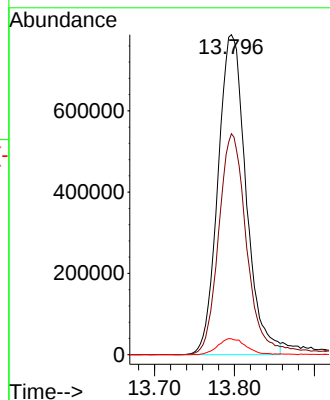
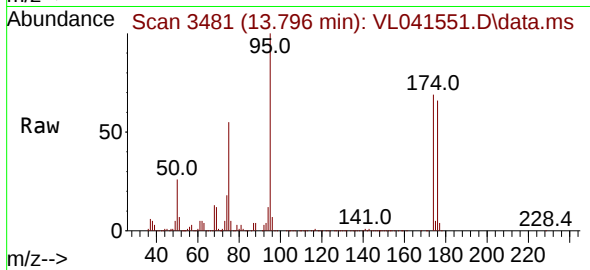
#68
1-Bromo-4-Fluorobenzene
Concen: 9.980 ppbv
RT: 13.796 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Tgt Ion: 95 Resp: 191697
Ion Ratio Lower Upper
95 100
174 71.6 56.3 84.5
175 5.3 4.0 6.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.206 ppbv m
RT: 16.130 min Scan# 4207
Delta R.T. 0.003 min
Lab File: VL041551.D
Acq: 19 Aug 2024 17:11

Tgt Ion:105 Resp: 56984
Ion Ratio Lower Upper
105 100
120 44.5 39.5 59.3
91 14.8 39.8 59.8#
77 14.4 18.2 27.4#

