

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041567.D
 Acq On : 21 Aug 2024 14:31
 Operator : SY/MD
 Sample : P3679-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:12:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 22 01:12:22 2024
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1026033	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2696570	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2445840	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1885021	10.015	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						Qvalue
9) Propene	2.722	41	13889	0.248	ppbv #	74
13) Ethanol	3.272	45	47223	9.416	ppbv	87
15) Acetone	3.501	43	78096	0.670	ppbv #	89
20) Methylene Chloride	3.944	84	13879	0.319	ppbv	87
26) Hexane	5.221	57	17925m	0.187	ppbv	
34) 2-Butanone	4.812	43	36747m	0.282	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	70289m	0.342	ppbv	
52) Tetrachloroethene	10.610	164	3573m	0.047	ppbv	
53) Toluene	9.221	91	35727	0.163	ppbv	91
58) Ethyl Benzene	12.085	91	81215m	0.288	ppbv	
59) m/p-Xylene	12.333	91	320796m	1.318	ppbv	
60) o-Xylene	13.053	91	122071	0.530	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	36585m	0.135	ppbv	

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

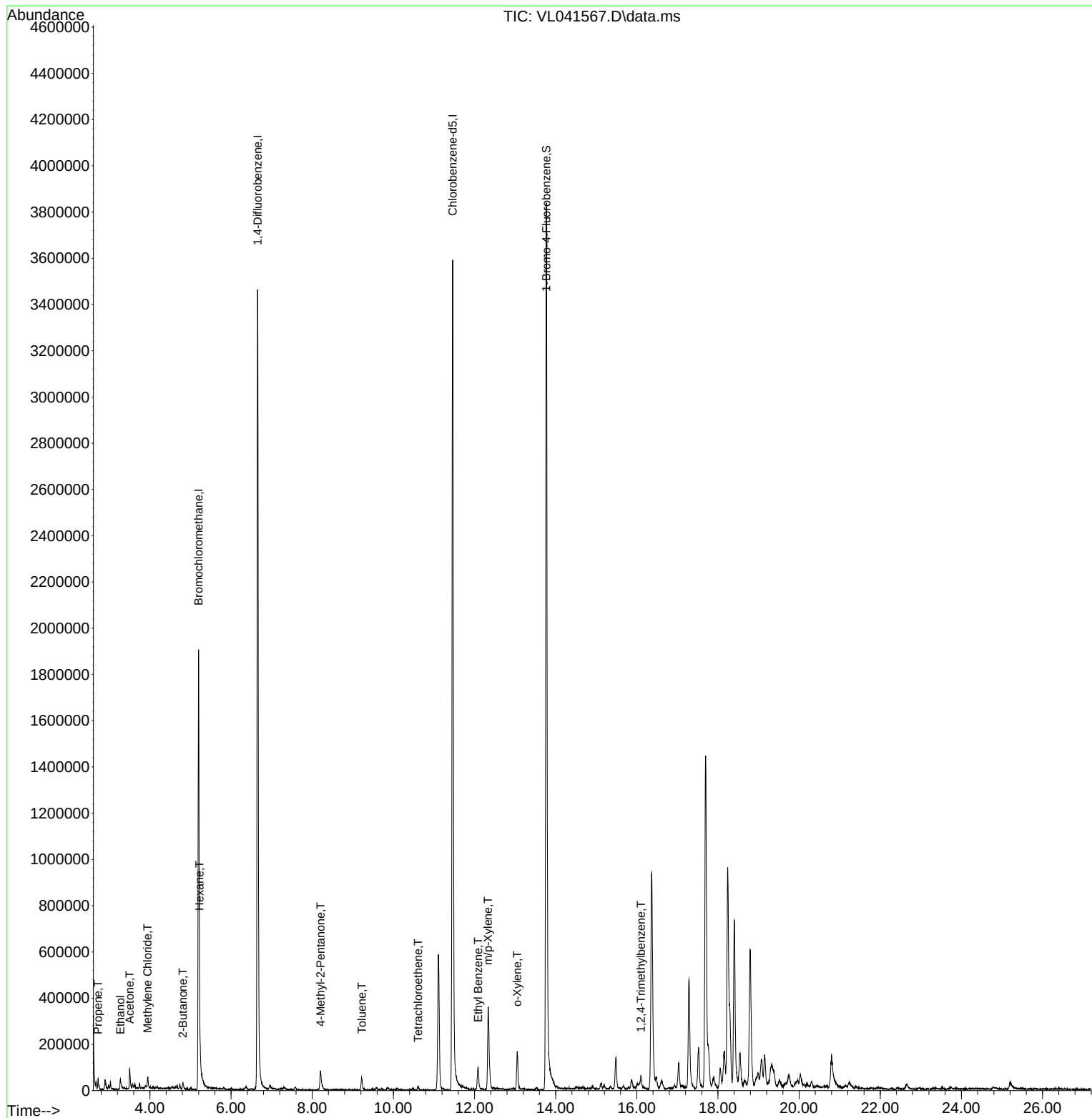
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041567.D
Acq On : 21 Aug 2024 14:31
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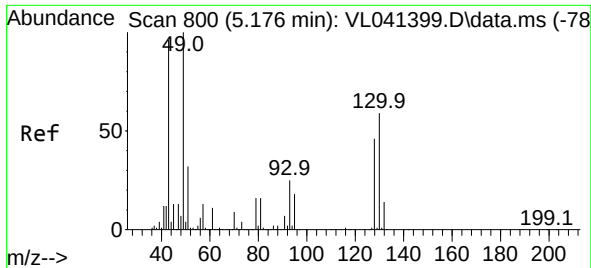
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Aug 22 01:12:22 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 : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

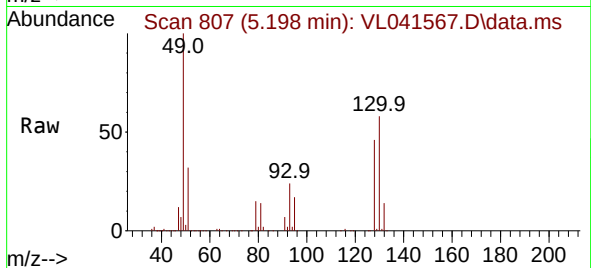
Reviewed By : Semsettin Yesilyurt 08/23/2024
Supervised By : Mahesh Dadoda 08/23/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

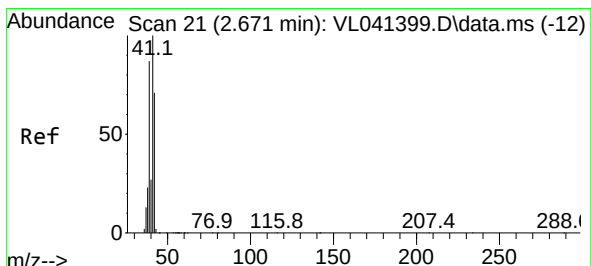
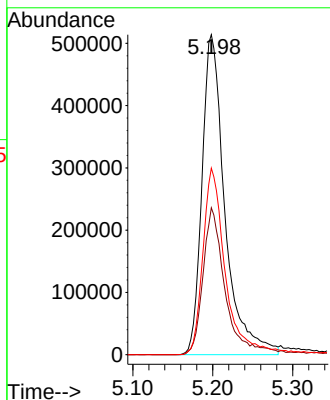
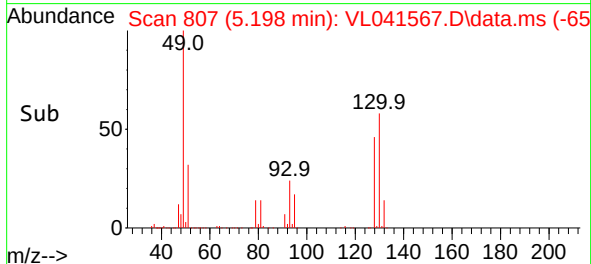
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 102603
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.4
130 58.8 30.8 92.4

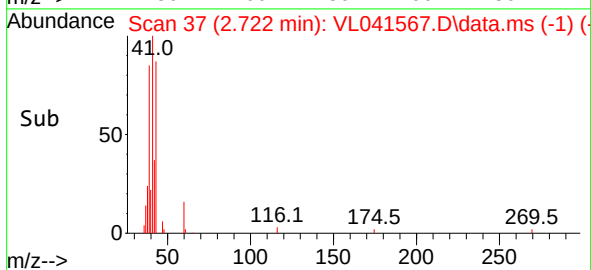
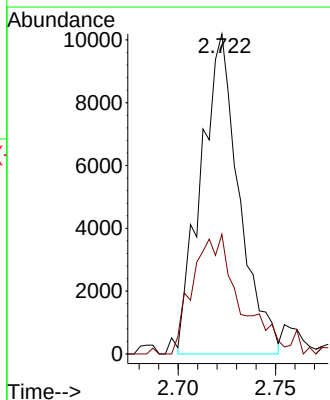
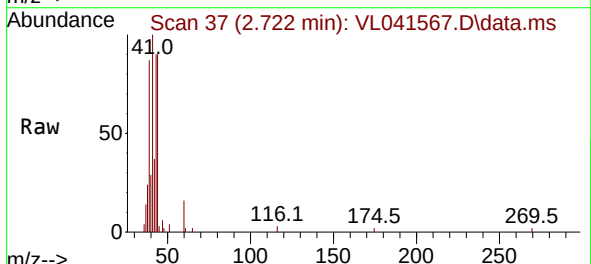
Manual Integrations
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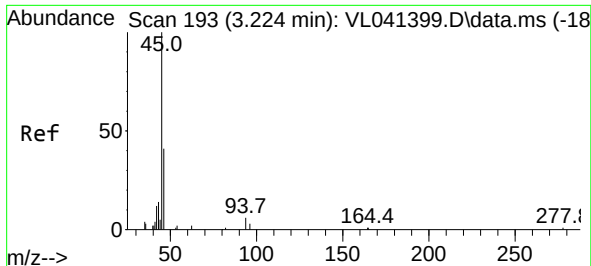
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#9
Propene
Concen: 0.248 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.016 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

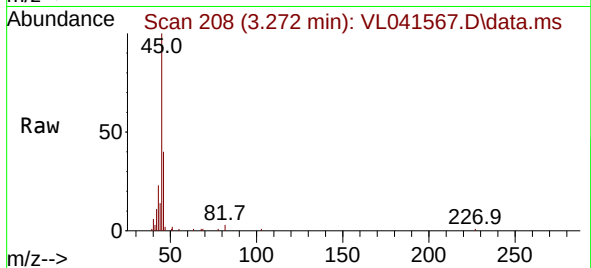
Tgt Ion: 41 Resp: 13889
Ion Ratio Lower Upper
41 100
42 48.3 55.9 83.9





#13
Ethanol
Concen: 9.416 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.013 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

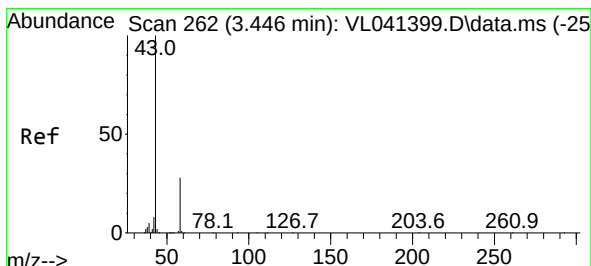
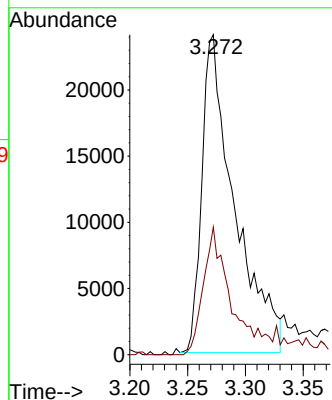
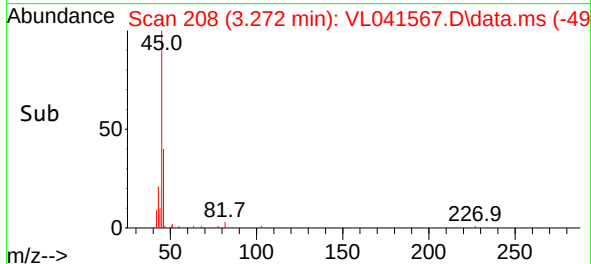
Instrument :
MSVOA_L
Client Sample Id :
SV1DL



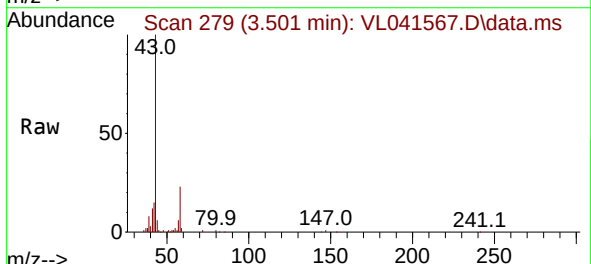
Tgt Ion: 45 Resp: 4722
Ion Ratio Lower Upper
45 100
46 40.6 13.4 53.4

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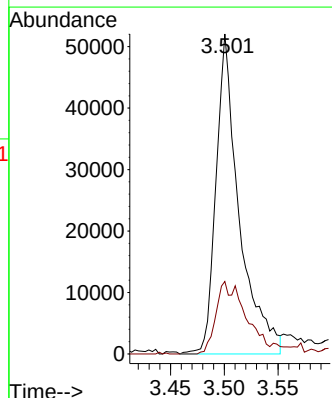
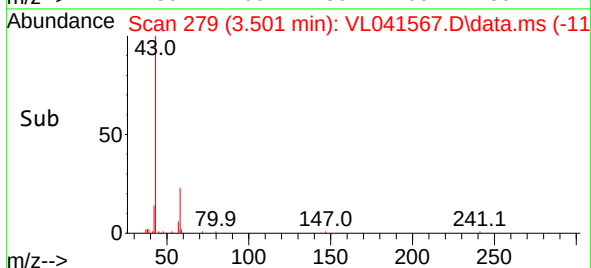
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

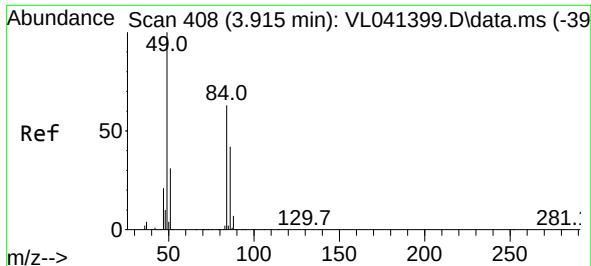


#15
Acetone
Concen: 0.670 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.022 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31



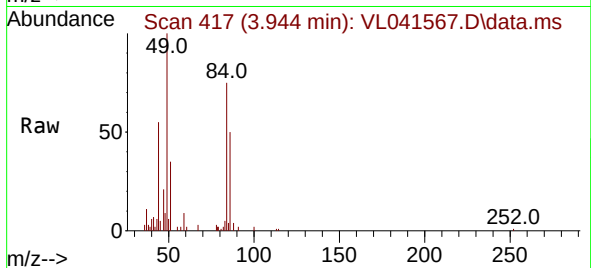
Tgt Ion: 43 Resp: 78096
Ion Ratio Lower Upper
43 100
58 32.6 21.4 32.2#





#20
Methylene Chloride
Concen: 0.319 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

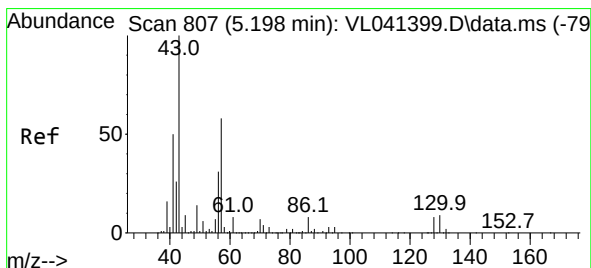
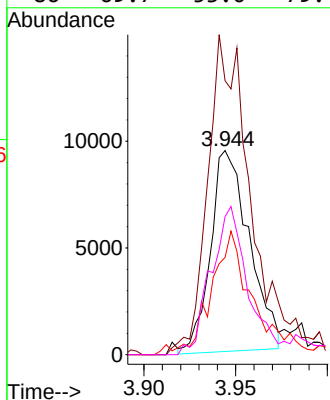
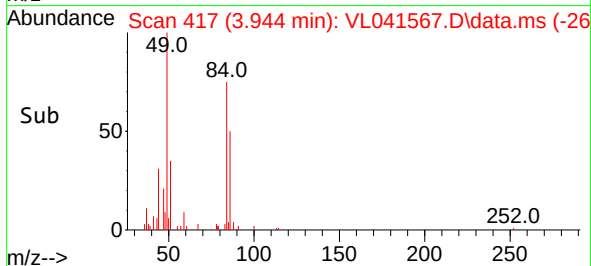
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.3	126.6	190.0
51	45.6	38.6	58.0
86	69.7	53.0	79.4

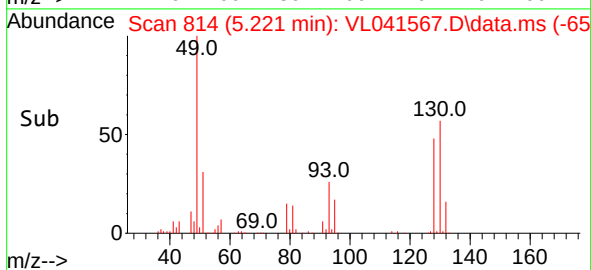
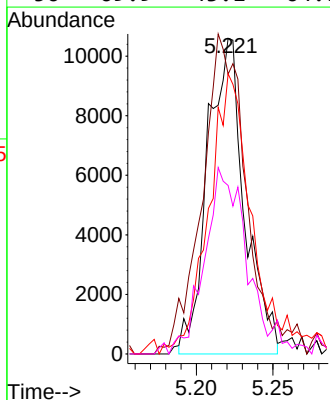
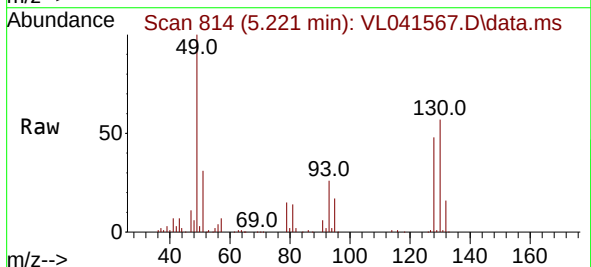
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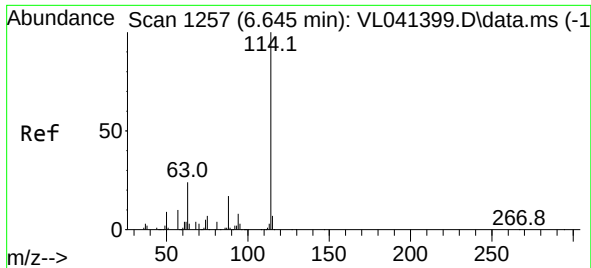
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#26
Hexane
Concen: 0.187 ppbv m
RT: 5.221 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

Tgt Ion	Ratio	Lower	Upper
57	100		
41	123.1	74.0	111.0#
43	107.0	193.6	290.4#
56	69.9	43.1	64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041567.D

Acq: 21 Aug 2024 14:31

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:114 Resp: 2696570

Ion Ratio Lower Upper

114 100

63 25.5 20.3 30.5

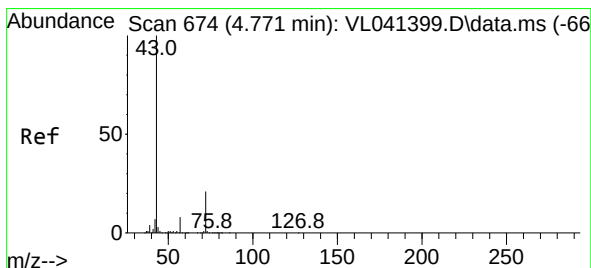
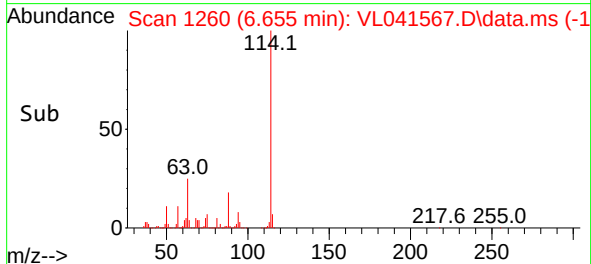
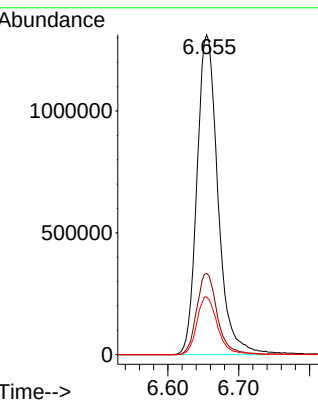
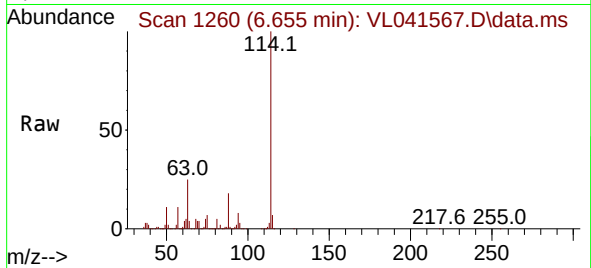
88 18.0 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#34

2-Butanone

Concen: 0.282 ppbv m

RT: 4.812 min Scan# 687

Delta R.T. 0.019 min

Lab File: VL041567.D

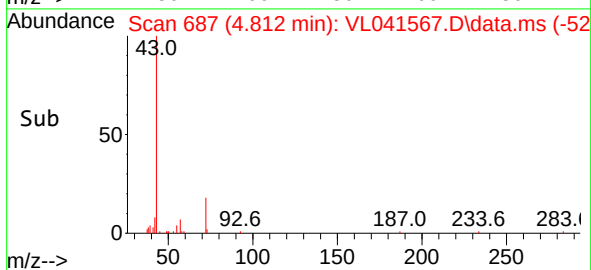
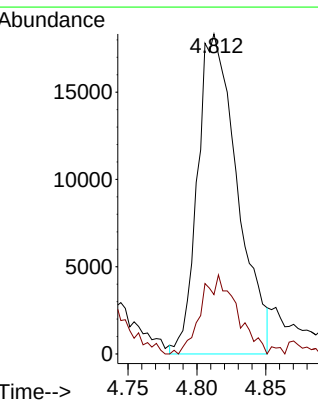
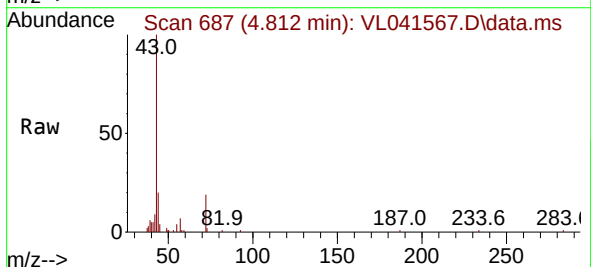
Acq: 21 Aug 2024 14:31

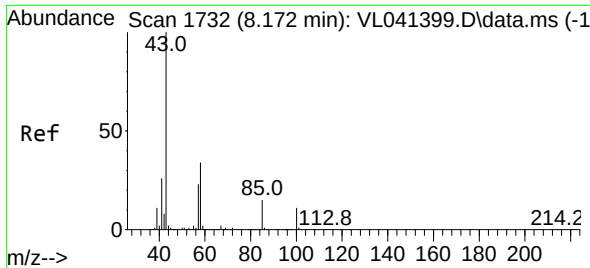
Tgt Ion: 43 Resp: 36747

Ion Ratio Lower Upper

43 100

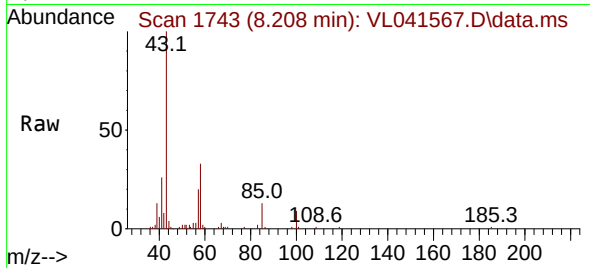
72 0.0 17.3 25.9#





#50
4-Methyl-2-Pentanone
Concen: 0.342 ppbv m
RT: 8.208 min Scan# 1743
Delta R.T. 0.026 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

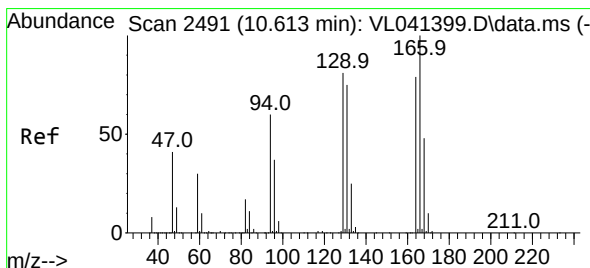
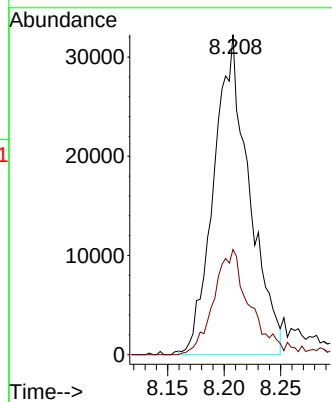
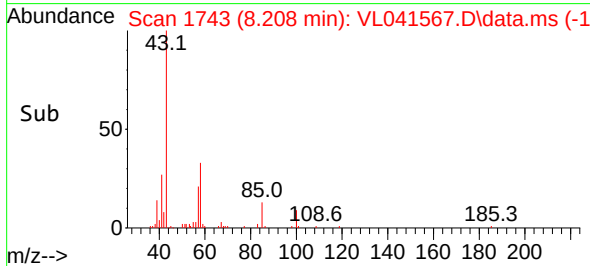
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 70289
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9

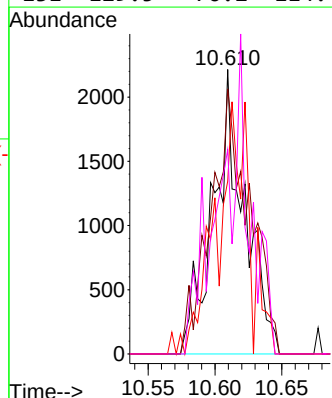
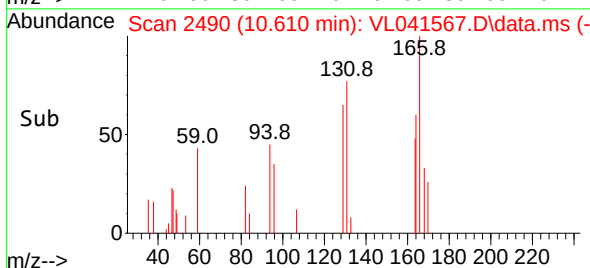
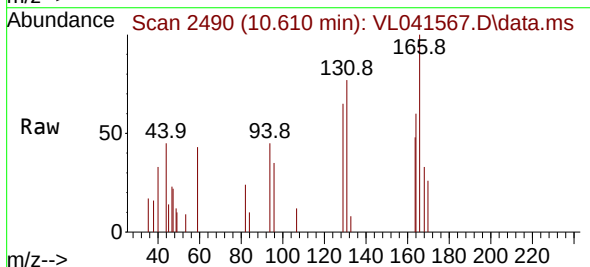
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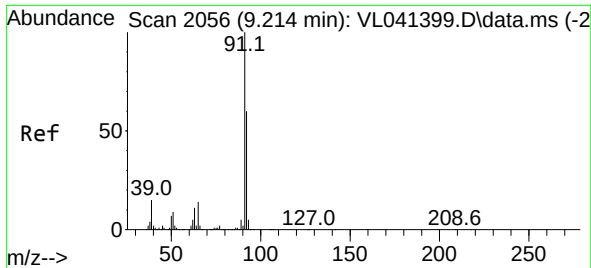
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#52
Tetrachloroethene
Concen: 0.047 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.006 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

Tgt Ion:164 Resp: 3573
Ion Ratio Lower Upper
164 100
166 168.0 101.1 151.7#
129 109.5 81.7 122.5
131 129.5 76.2 114.4#





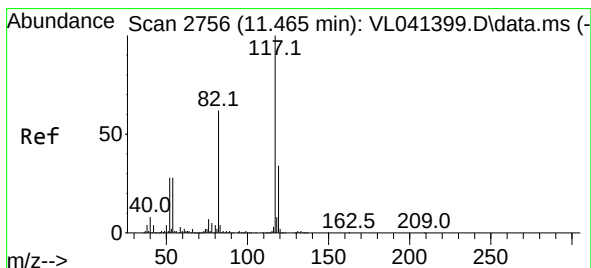
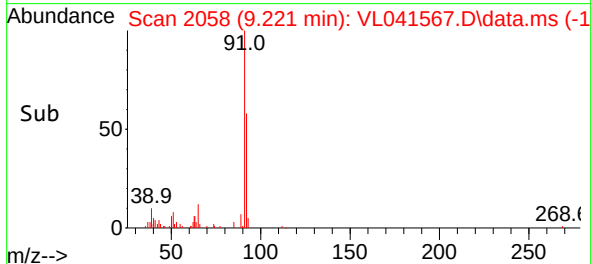
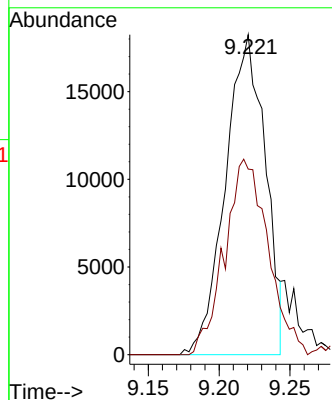
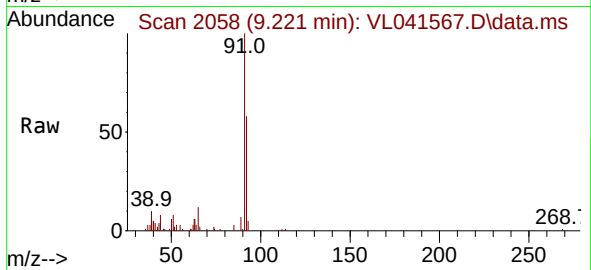
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Toluene
Concen: 0.163 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 3572
Ion Ratio Lower Upper
91 100
92 67.6 48.7 73.1

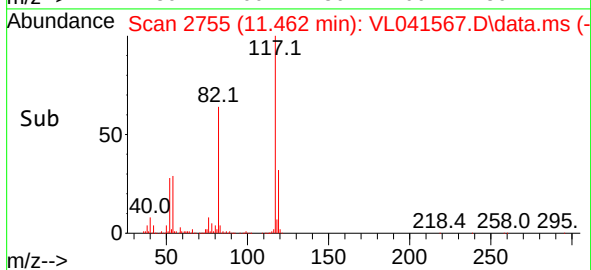
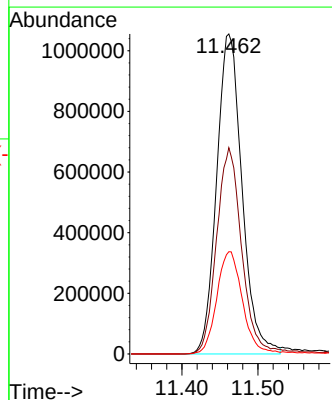
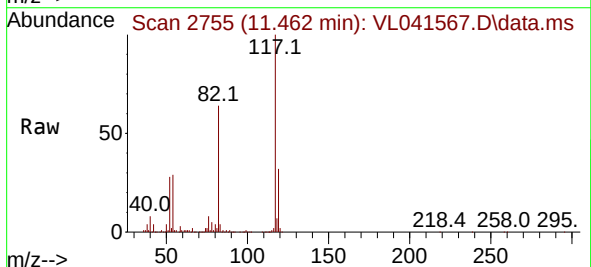
Manual Integrations
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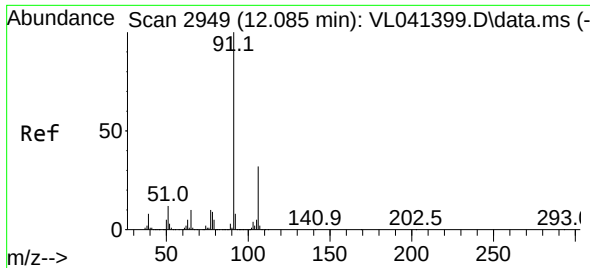
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

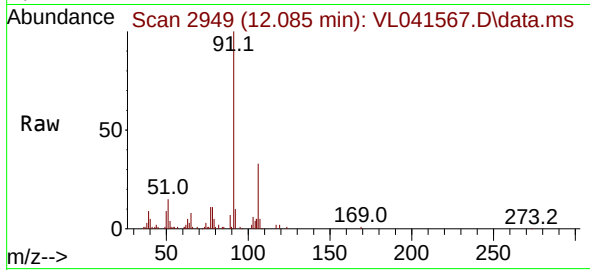
Tgt Ion:117 Resp: 2445840
Ion Ratio Lower Upper
117 100
82 65.3 51.0 76.6
119 33.1 45.2 67.8#





#58
Ethyl Benzene
Concen: 0.288 ppbv m
RT: 12.085 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

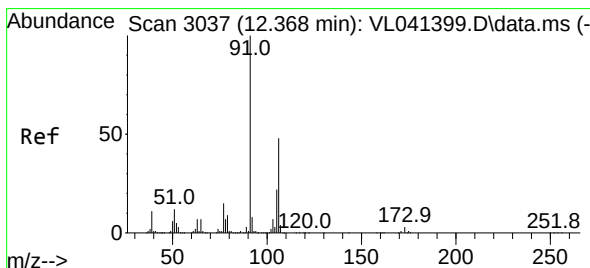
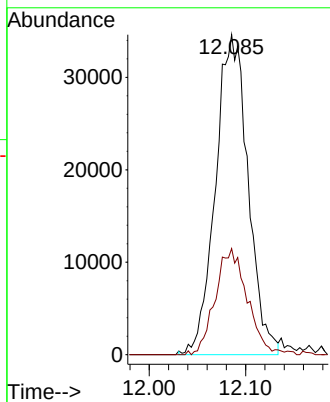
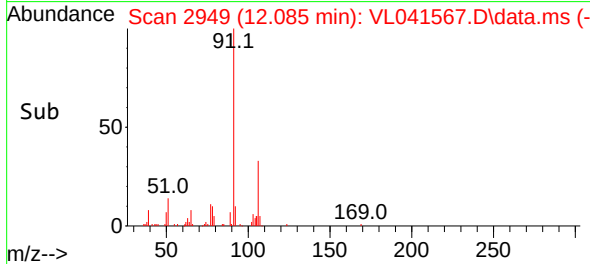
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



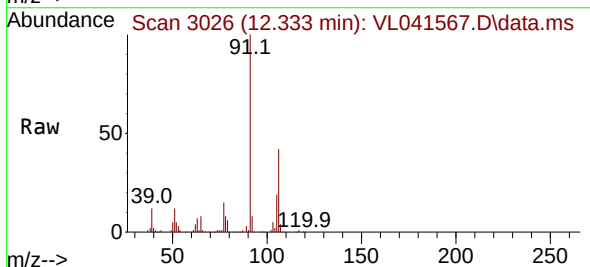
Tgt Ion: 91 Resp: 81215
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.8

Manual Integrations
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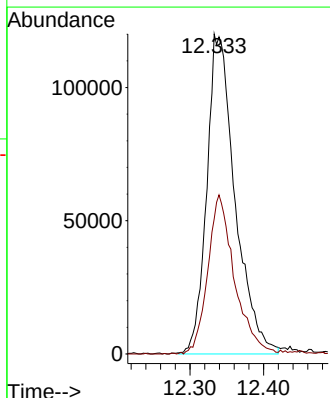
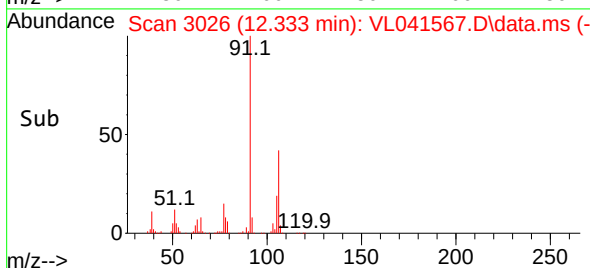
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

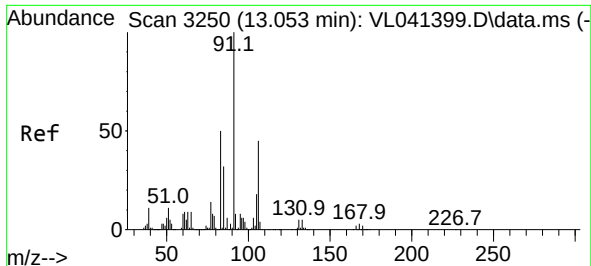


#59
m/p-Xylene
Concen: 1.318 ppbv m
RT: 12.333 min Scan# 3026
Delta R.T. -0.039 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31



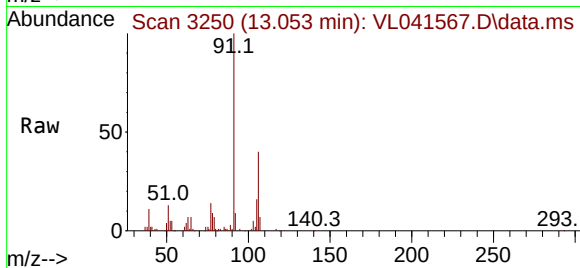
Tgt Ion: 91 Resp: 320796
Ion Ratio Lower Upper
91 100
106 47.0 36.3 54.5





#60
o-Xylene
Concen: 0.530 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

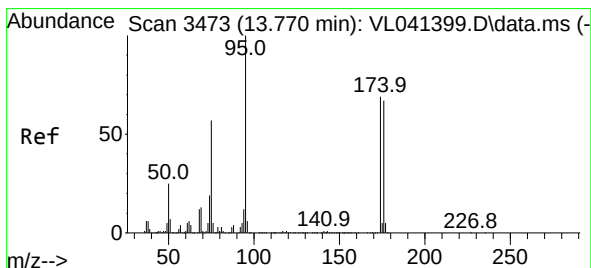
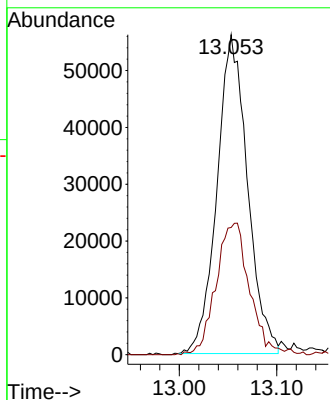
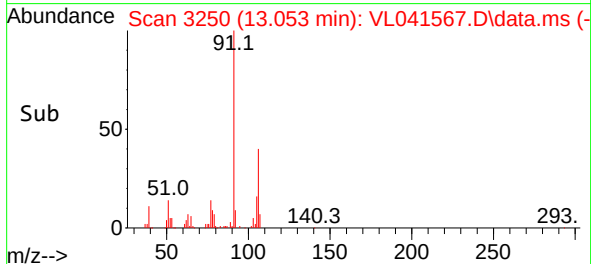
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



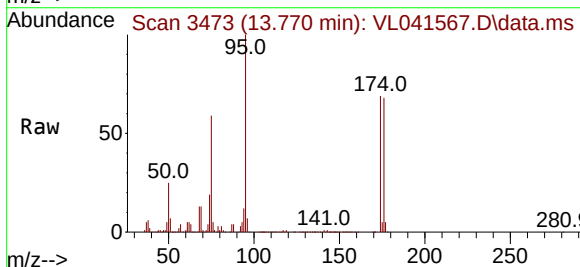
Tgt Ion: 91 Resp: 12207
Ion Ratio Lower Upper
91 100
106 45.5 23.1 69.3

Manual Integrations
APPROVED

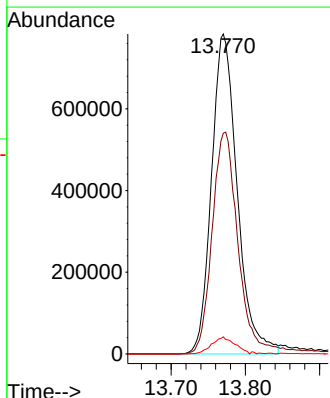
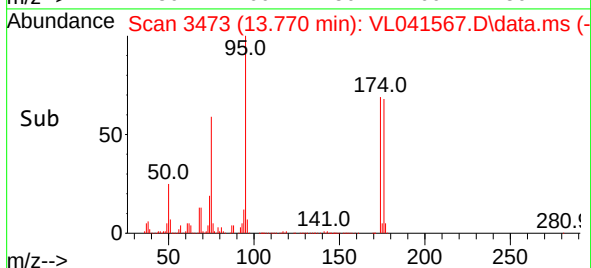
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

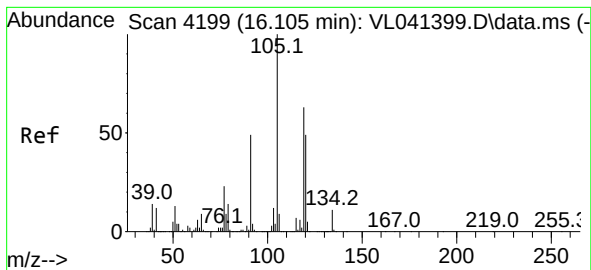


#68
1-Bromo-4-Fluorobenzene
Concen: 10.015 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31



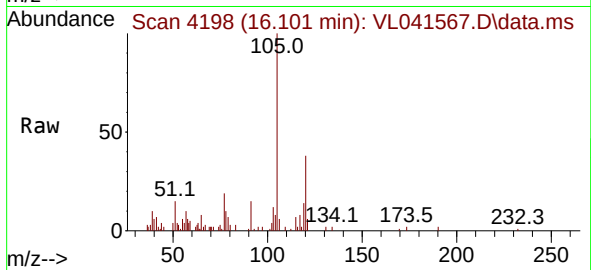
Tgt Ion: 95 Resp: 1885021
Ion Ratio Lower Upper
95 100
174 72.3 56.3 84.5
175 5.0 4.0 6.0





#74
1,2,4-Trimethylbenzene
Concen: 0.135 ppbv m
RT: 16.101 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041567.D
Acq: 21 Aug 2024 14:31

Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:	105	Resp:	3658
Ion	Ratio	Lower	Upper
105	100		
120	38.2	39.5	59.3
91	15.4	39.8	59.8
77	19.1	18.2	27.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

