

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
 Data File : VL041101.D
 Acq On : 12 Mar 2024 16:25
 Operator : SY/MD
 Sample : P1718-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2024
 Supervised By :Mahesh Dadoda 03/13/2024

Quant Time: Mar 13 01:30:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Wed Mar 13 01:22:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1273383	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3086309	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2962501	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2518503	10.873	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	21436	0.088	ppbv	95
9) Propene	2.700	41	44560	0.715	ppbv	94
10) Heptane	7.590	43	52995	0.356	ppbv	97
15) Acetone	3.478	43	416694	2.872	ppbv	97
20) Methylene Chloride	3.934	84	43351	0.767	ppbv	91
26) Hexane	5.217	57	338126	2.895	ppbv #	39
34) 2-Butanone	4.809	43	66392	0.434	ppbv #	89
51) 2-Hexanone	9.571	43	28461m	0.172	ppbv	
52) Tetrachloroethene	10.626	164	3573m	0.050	ppbv	
53) Toluene	9.227	91	52052m	0.210	ppbv	
58) Ethyl Benzene	12.101	91	34797m	0.100	ppbv	
59) m/p-Xylene	12.362	91	91073m	0.299	ppbv	
60) o-Xylene	13.069	91	50321m	0.174	ppbv	
73) 1,3,5-Trimethylbenzene	15.365	105	28624m	0.102	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	109879	0.342	ppbv #	72

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

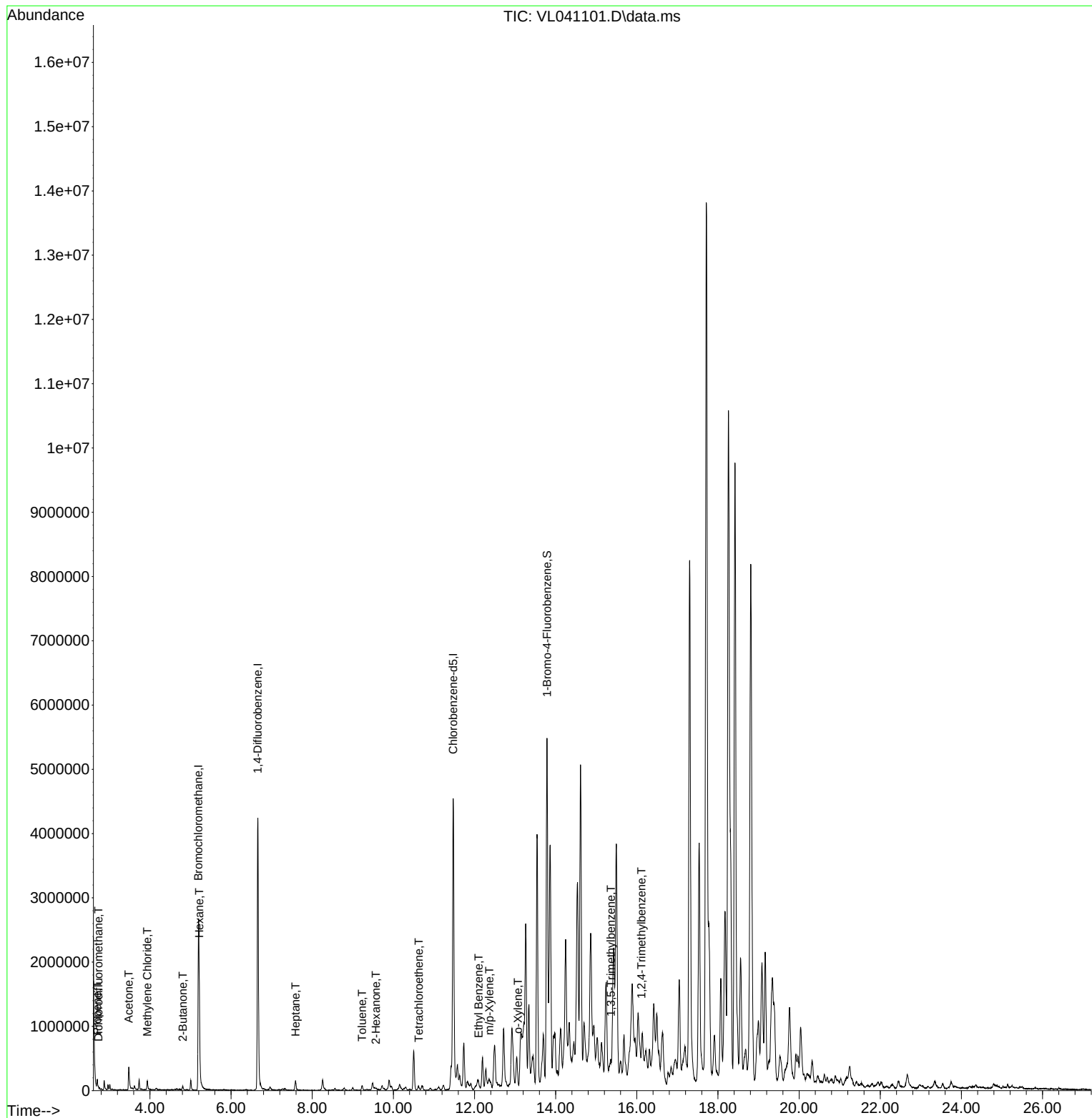
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
Data File : VL041101.D
Acq On : 12 Mar 2024 16:25
Operator : SY/MD
Sample : P1718-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

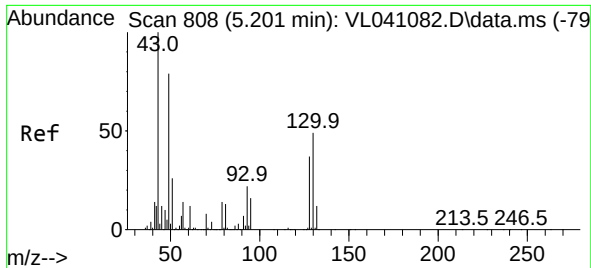
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Mar 13 01:30:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 13 01:22:02 2024
Response via : Initial Calibration

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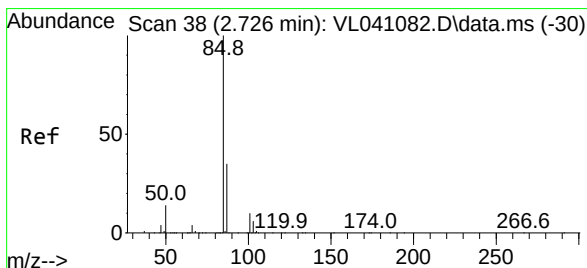
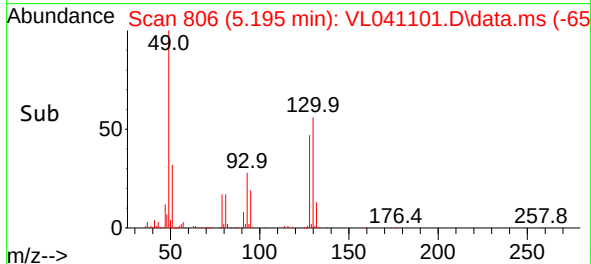
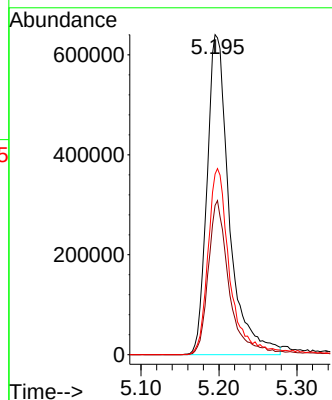
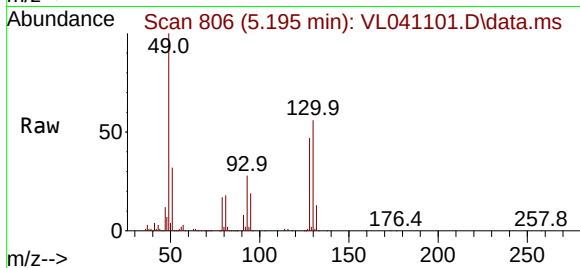
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 49 Resp: 127338
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.5
130 59.1 30.3 90.9

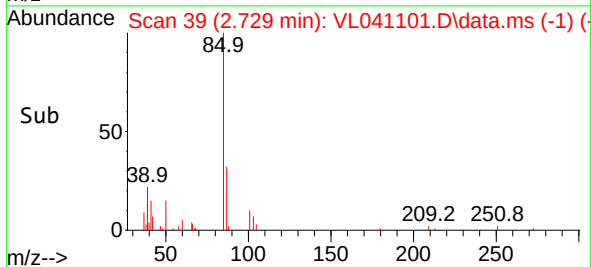
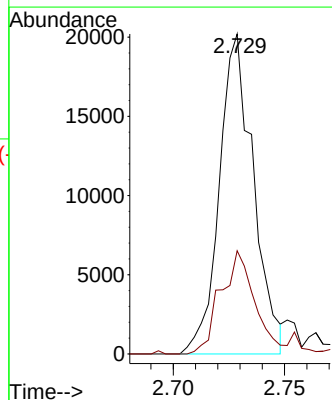
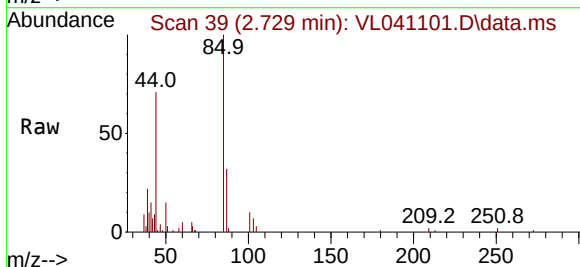
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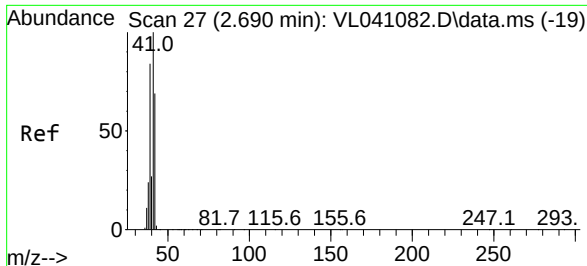
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#2
Dichlorodifluoromethane
Concen: 0.088 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.006 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

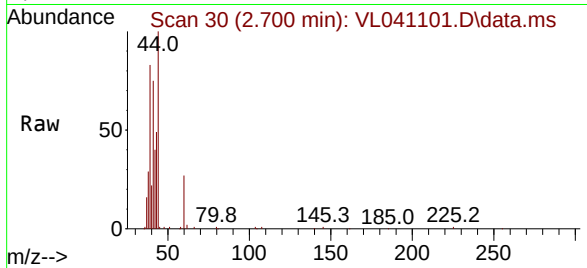
Tgt Ion: 85 Resp: 21436
Ion Ratio Lower Upper
85 100
87 32.2 28.1 42.1





#9
Propene
Concen: 0.715 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

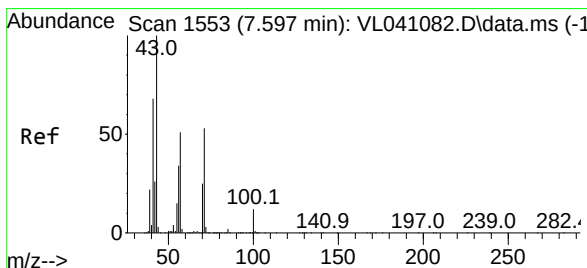
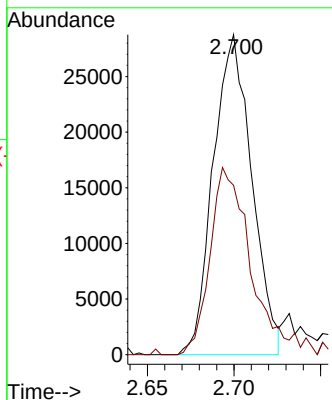
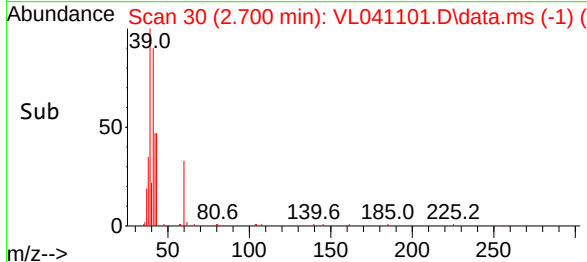
Instrument :
MSVOA_L
ClientSampleId :
SV1



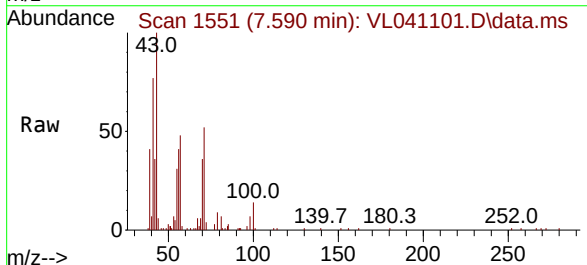
Tgt Ion: 41 Resp: 44560
Ion Ratio Lower Upper
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42 65.0 55.9 83.9

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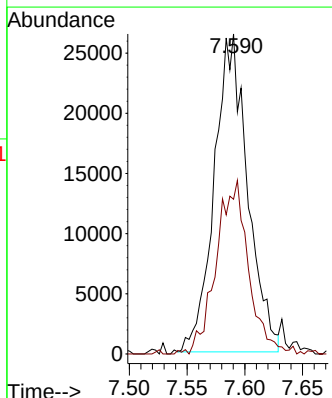
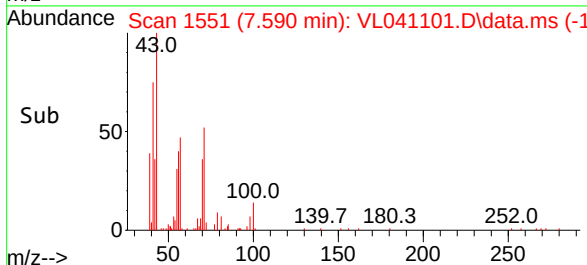
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024

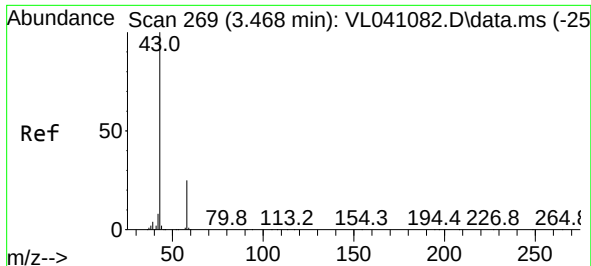


#10
Heptane
Concen: 0.356 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.009 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25



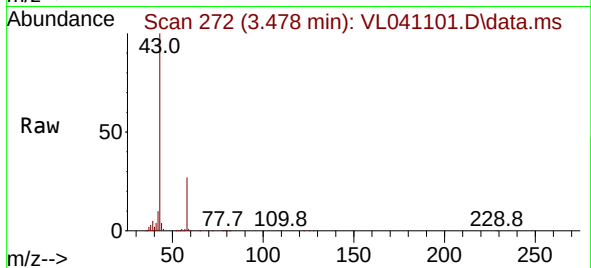
Tgt Ion: 43 Resp: 52995
Ion Ratio Lower Upper
43 100
57 53.2 41.0 61.6





#15
Acetone
Concen: 2.872 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

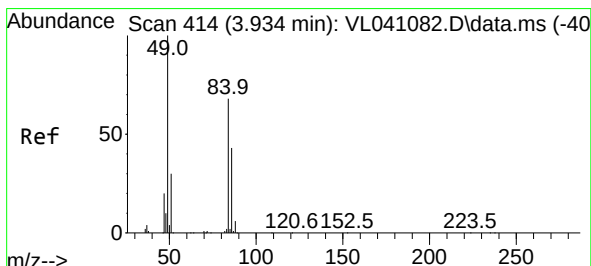
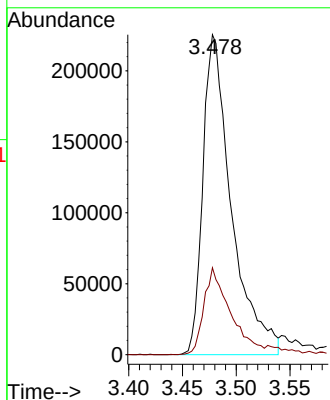
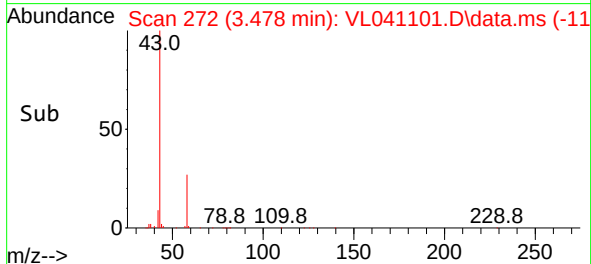
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 416694
Ion Ratio Lower Upper
43 100
58 28.6 21.7 32.5

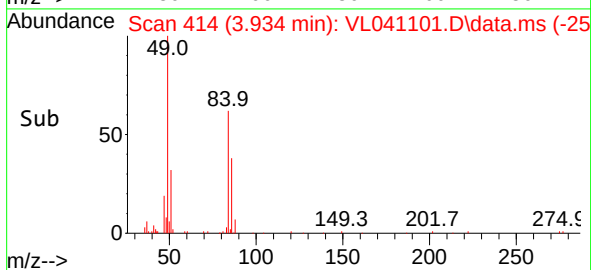
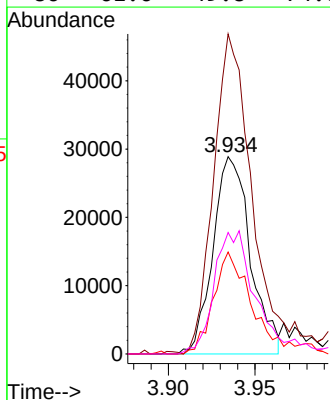
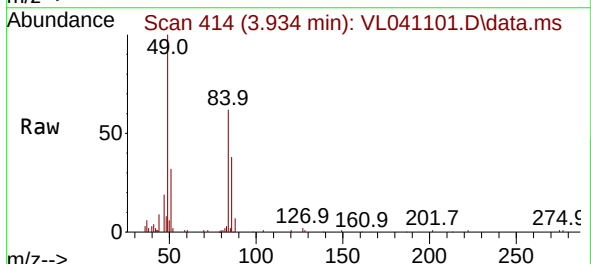
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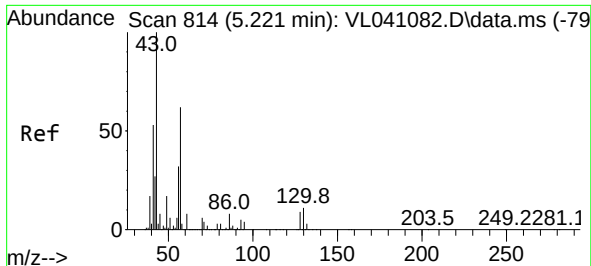
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#20
Methylene Chloride
Concen: 0.767 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.006 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

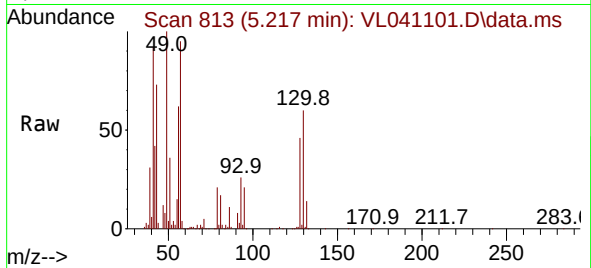
Tgt Ion: 84 Resp: 43351
Ion Ratio Lower Upper
84 100
49 161.5 117.0 175.6
51 51.6 34.9 52.3
86 61.6 49.8 74.6





#26
Hexane
Concen: 2.895 ppbv
RT: 5.217 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

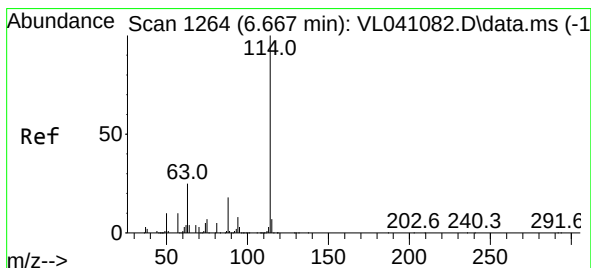
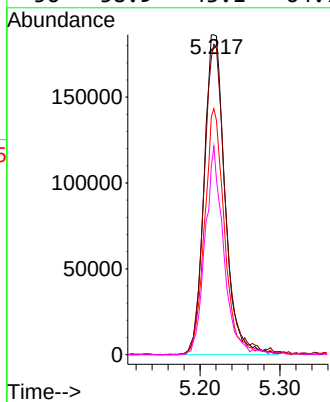
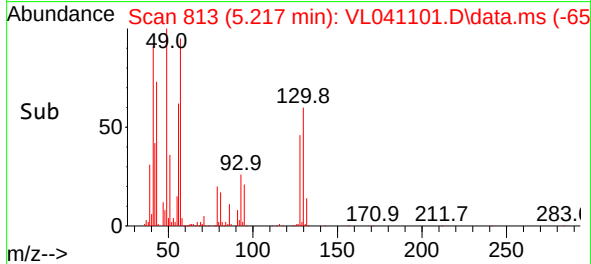
Instrument :
MSVOA_L
ClientSampleId :
SV1



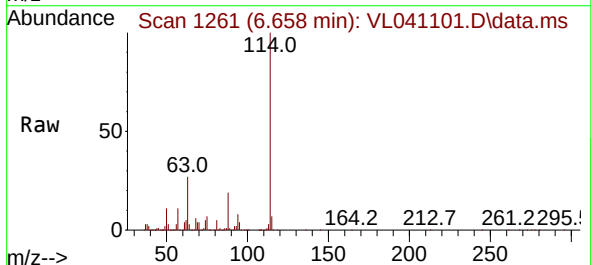
Tgt Ion: 57 Resp: 338120
Ion Ratio Lower Upper
57 100
41 100.1 73.8 110.6
43 73.9 184.2 276.2
56 58.9 43.1 64.7

Manual Integrations
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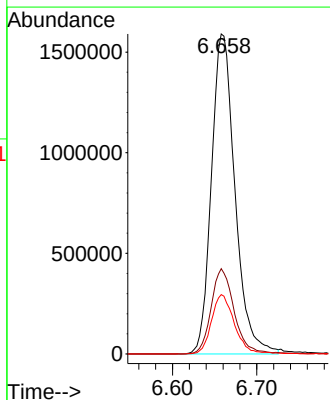
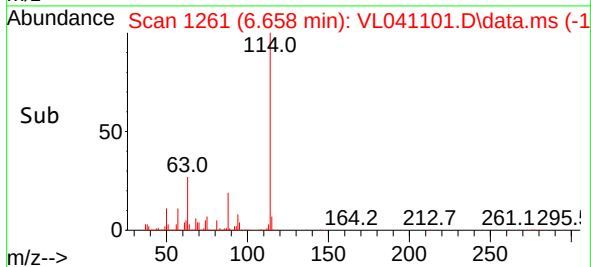
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024

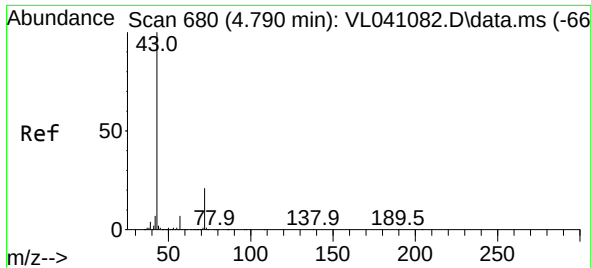


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25



Tgt Ion:114 Resp: 3086309
Ion Ratio Lower Upper
114 100
63 26.5 21.0 31.6
88 18.2 14.6 22.0





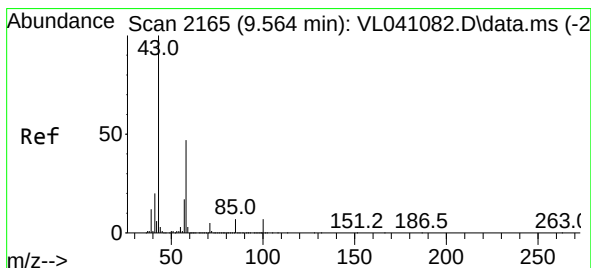
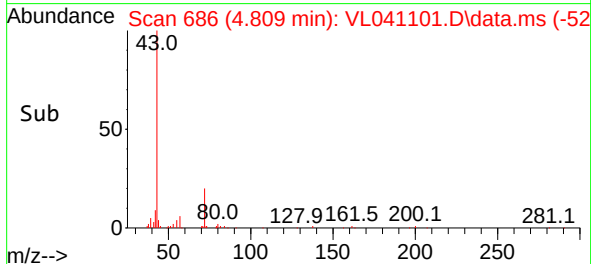
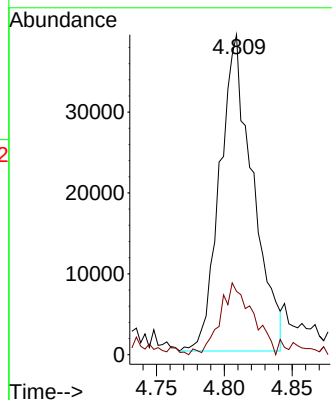
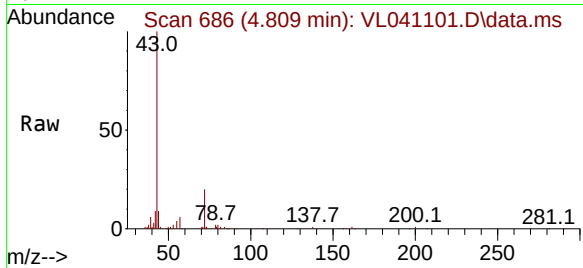
#34
2-Butanone
Concen: 0.434 ppbv
RT: 4.809 min Scan# 61
Delta R.T. 0.025 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 66392
Ion Ratio Lower Upper
43 100
72 26.7 17.4 26.0

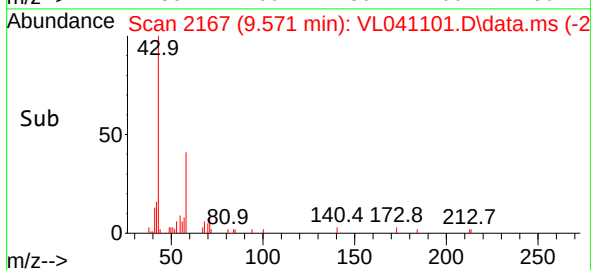
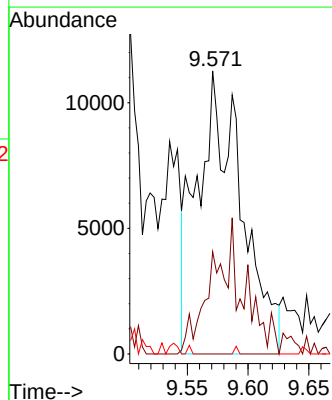
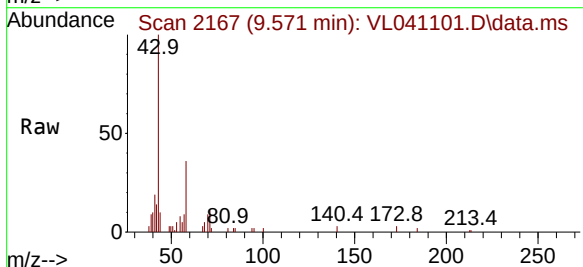
Manual Integrations
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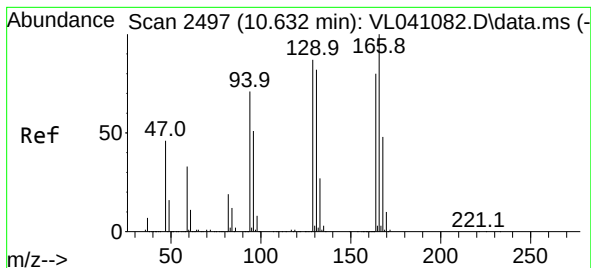
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#51
2-Hexanone
Concen: 0.172 ppbv m
RT: 9.571 min Scan# 2167
Delta R.T. 0.016 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

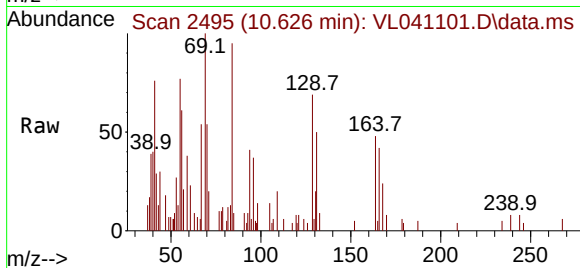
Tgt Ion: 43 Resp: 28461
Ion Ratio Lower Upper
43 100
58 0.0 37.4 56.2#
98 0.0 0.4 0.6#





#52
Tetrachloroethene
Concen: 0.050 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

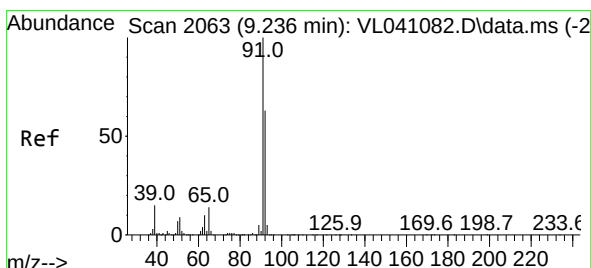
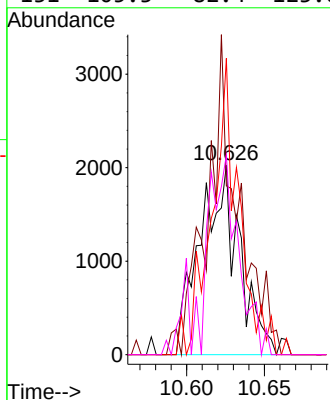
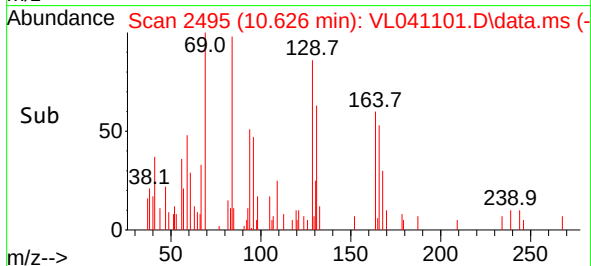
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:164 Resp: 357
Ion Ratio Lower Upper
164 100
166 89.1 100.6 150.8
129 144.3 87.2 130.8
131 105.3 82.4 123.6

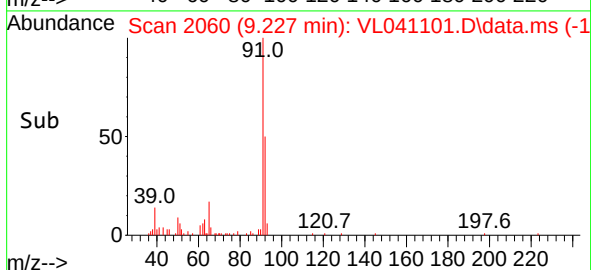
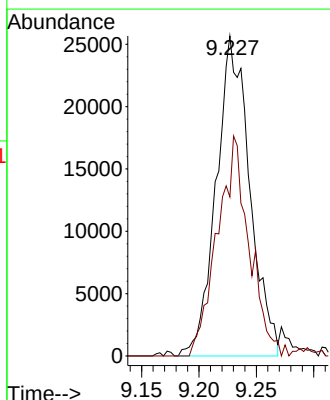
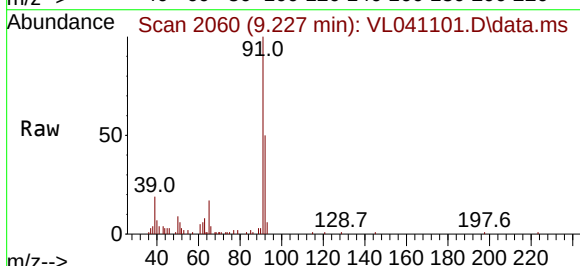
Manual Integrations
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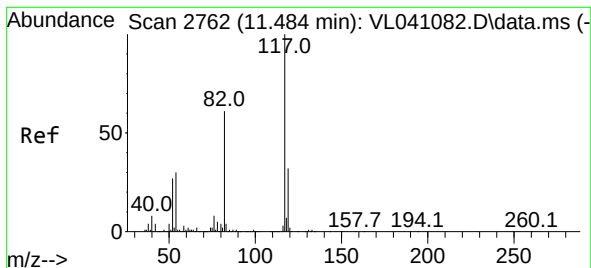
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#53
Toluene
Concen: 0.210 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

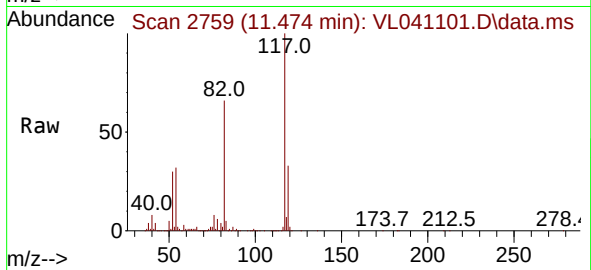
Tgt Ion: 91 Resp: 52052
Ion Ratio Lower Upper
91 100
92 66.5 48.9 73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

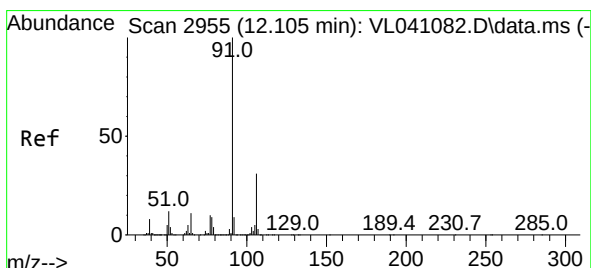
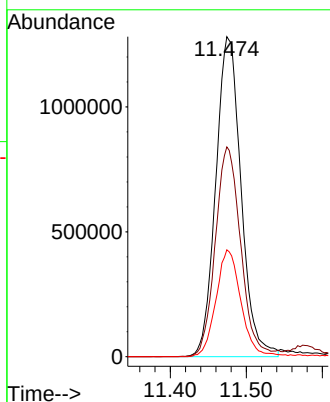
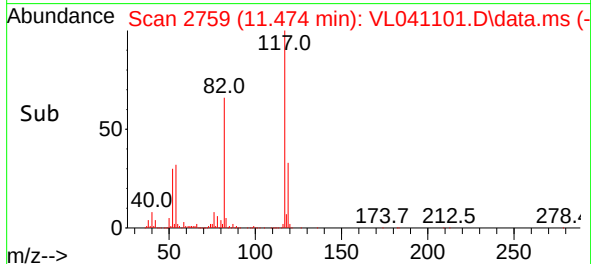
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 117 Resp: 296250
Ion Ratio Lower Upper
117 100
82 66.3 51.4 77.2
119 33.9 23.7 35.5

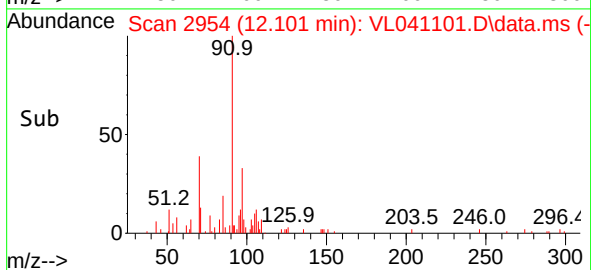
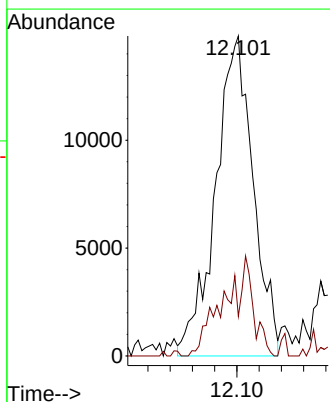
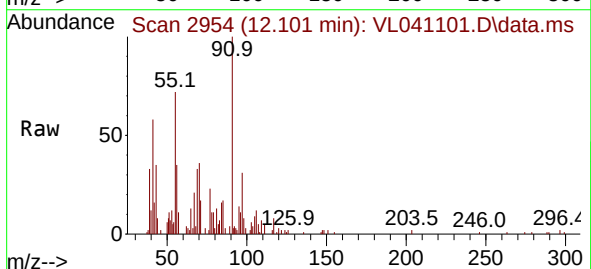
Manual Integrations
APPROVED

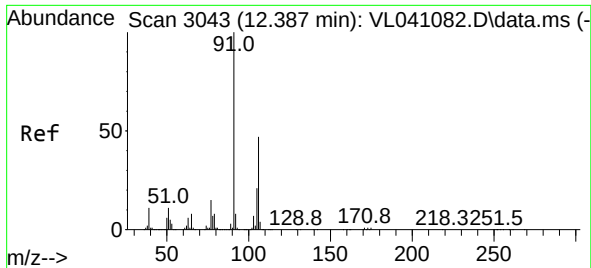
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#58
Ethyl Benzene
Concen: 0.100 ppbv m
RT: 12.101 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

Tgt Ion: 91 Resp: 34797
Ion Ratio Lower Upper
91 100
106 12.4 24.6 36.8#





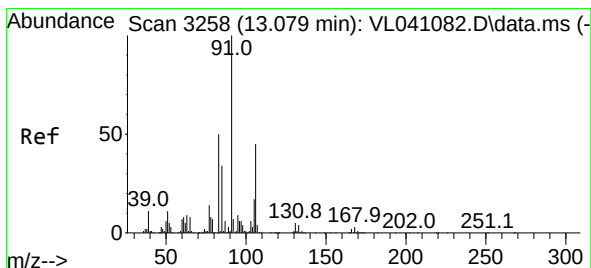
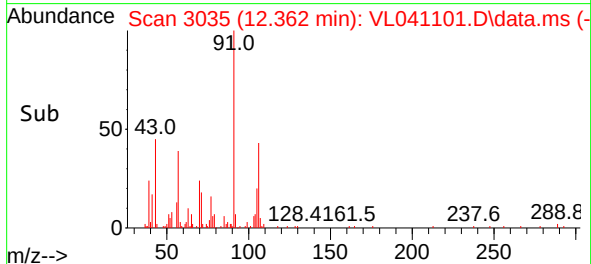
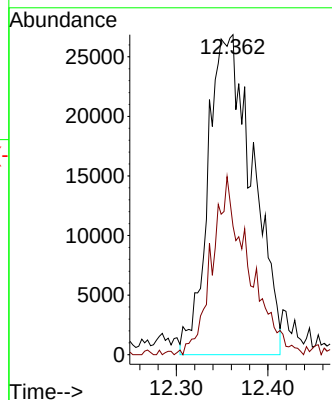
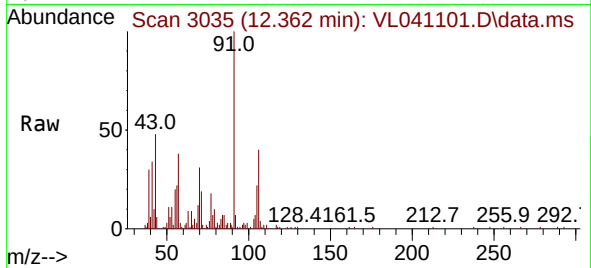
#59
m/p-Xylene
Concen: 0.299 ppbv m
RT: 12.362 min Scan# 3043
Delta R.T. -0.020 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 91073
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

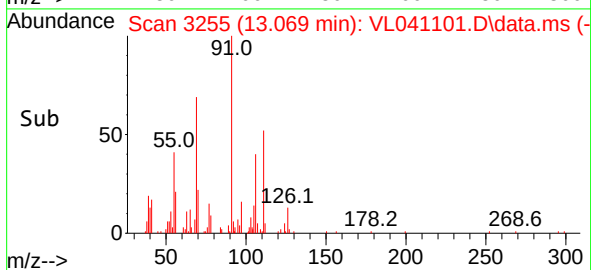
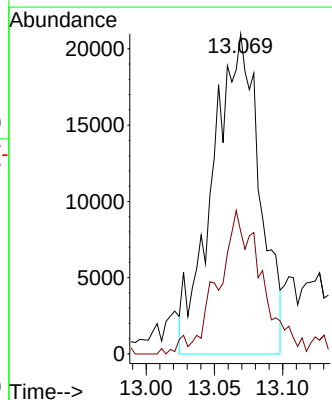
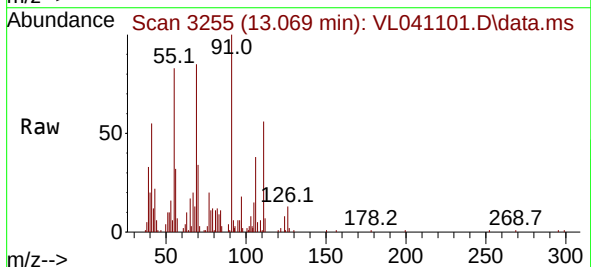
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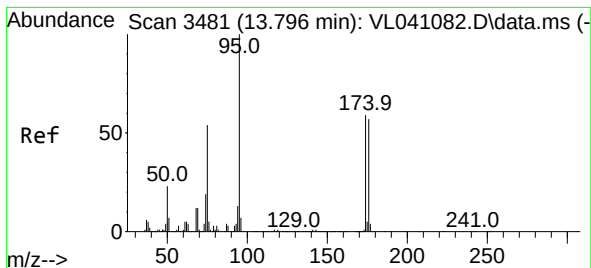
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#60
o-Xylene
Concen: 0.174 ppbv m
RT: 13.069 min Scan# 3255
Delta R.T. 0.003 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

Tgt Ion: 91 Resp: 50321
Ion Ratio Lower Upper
91 100
106 2.0 22.4 67.3





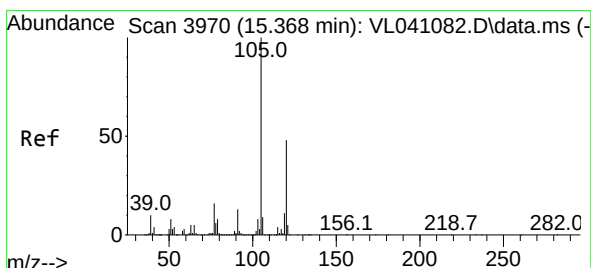
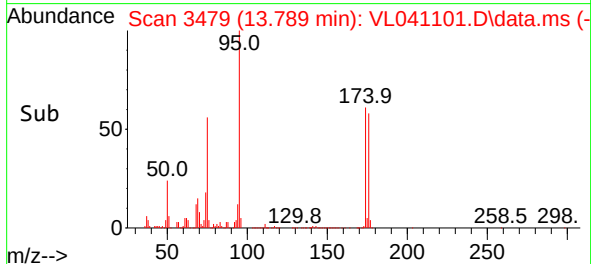
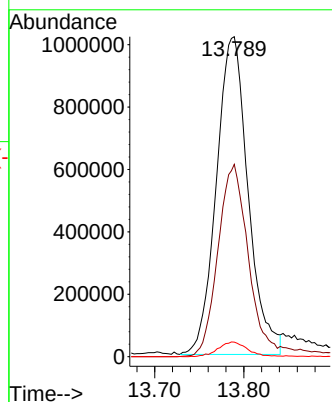
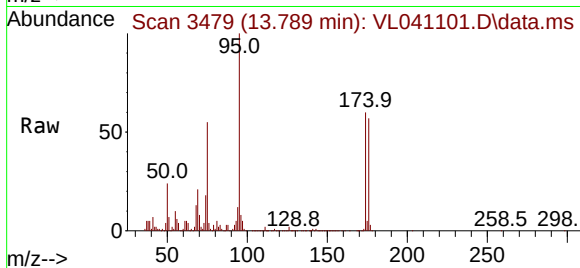
#68
1-Bromo-4-Fluorobenzene
Concen: 10.873 ppbv
RT: 13.789 min Scan# 3481
Delta R.T. 0.006 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 95 Resp: 251850
Ion Ratio Lower Upper
95 100
174 61.9 47.8 71.8
175 4.4 3.5 5.3

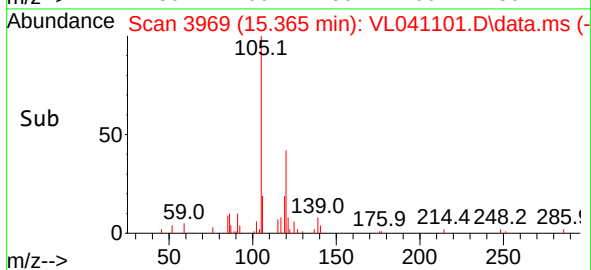
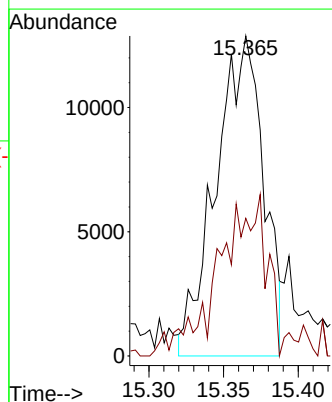
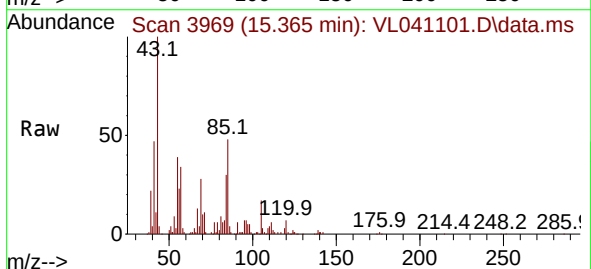
Manual Integrations
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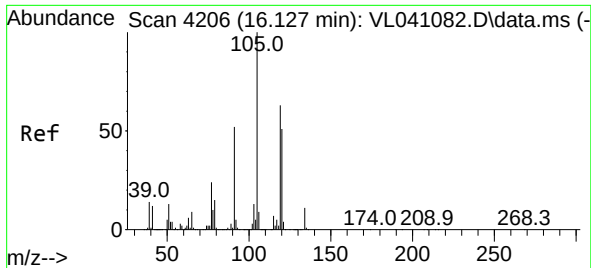
Reviewed By :Semsettin Yesilyurt 03/13/2024
Supervised By :Mahesh Dadoda 03/13/2024



#73
1,3,5-Trimethylbenzene
Concen: 0.102 ppbv m
RT: 15.365 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VL041101.D
Acq: 12 Mar 2024 16:25

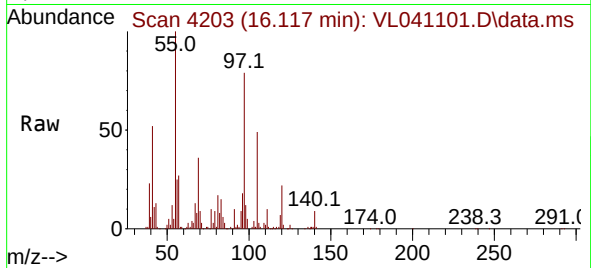
Tgt Ion:105 Resp: 28624
Ion Ratio Lower Upper
105 100
120 43.0 38.7 58.1





#74
 1,2,4-Trimethylbenzene
 Concen: 0.342 ppbv
 RT: 16.117 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041101.D
 Acq: 12 Mar 2024 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1



Tgt Ion:105 Resp: 109879
 Ion Ratio Lower Upper
 105 100
 120 44.7 40.4 60.6
 91 15.2 41.4 62.0
 77 15.7 19.0 28.4#

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2024
 Supervised By :Mahesh Dadoda 03/13/2024

