

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041570.D
 Acq On : 21 Aug 2024 16:57
 Operator : SY/MD
 Sample : P3709-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:13:44 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 01:13:44 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	973707	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2550150	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2327000	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1771394	9.892	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.748	85	38357	0.229	ppbv	93
3) Chlorodifluoromethane	2.697	51	40735m	0.351	ppbv	
4) Chloromethane	2.832	50	32923	0.534	ppbv	100
9) Propene	2.722	41	22406	0.421	ppbv	94
11) Trichlorofluoromethane	3.575	101	34780	0.234	ppbv	90
13) Ethanol	3.259	45	94059	19.763	ppbv	85
15) Acetone	3.484	43	611007	5.523	ppbv	97
19) Isopropyl Alcohol	3.603	45	56745	0.877	ppbv #	93
20) Methylene Chloride	3.944	84	285675	6.925	ppbv	97
26) Hexane	5.214	57	288995	3.170	ppbv #	40
34) 2-Butanone	4.809	43	22597m	0.183	ppbv	
35) Carbon Tetrachloride	6.500	117	9273m	0.066	ppbv	
36) Benzene	6.369	78	26292	0.141	ppbv #	94
53) Toluene	9.217	91	33909	0.163	ppbv	98

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

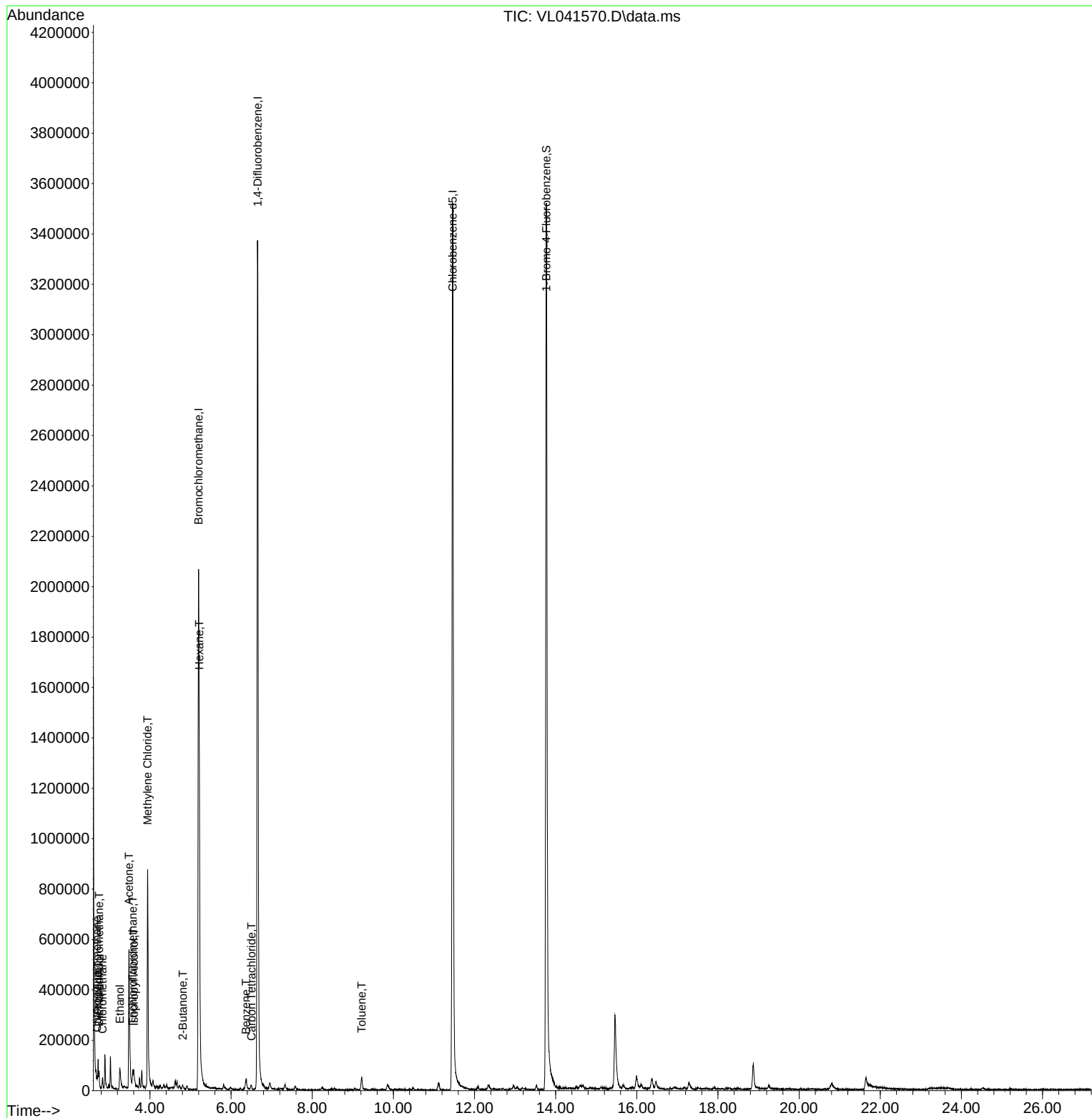
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041570.D
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Operator : SY/MD
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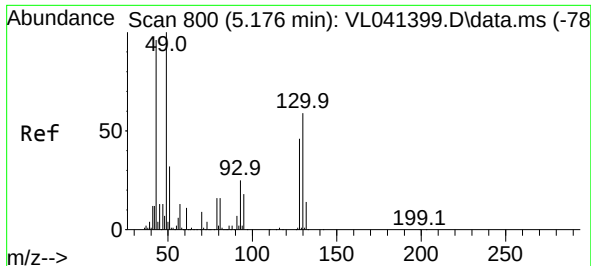
Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Aug 22 01:13:44 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

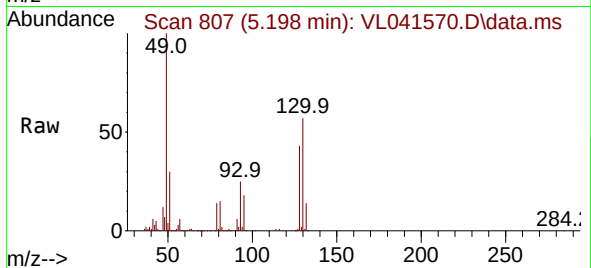
Reviewed By : Semsettin Yesilyurt 08/23/2024
Supervised By : Mahesh Dadoda 08/23/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

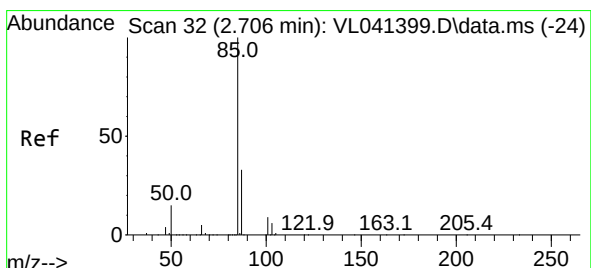
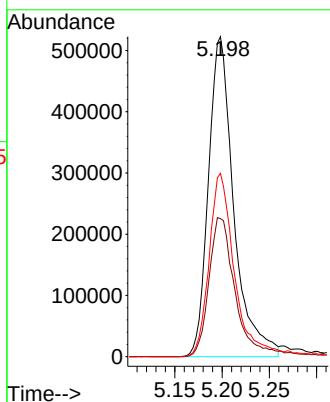
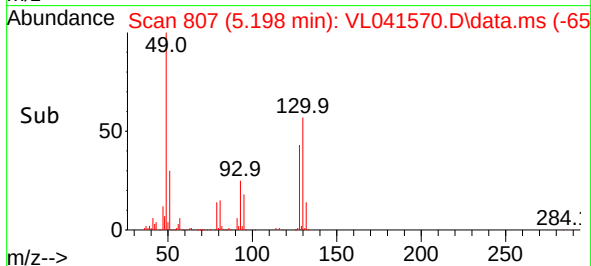
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 49 Resp: 97370
Ion Ratio Lower Upper
49 100
128 46.4 23.8 71.4
130 59.0 30.8 92.4

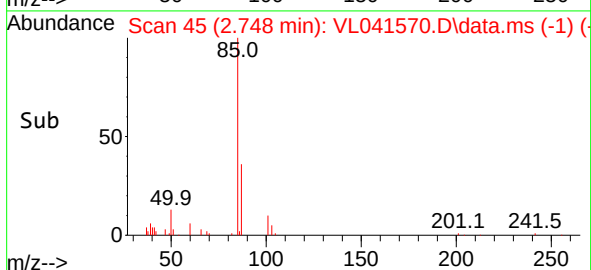
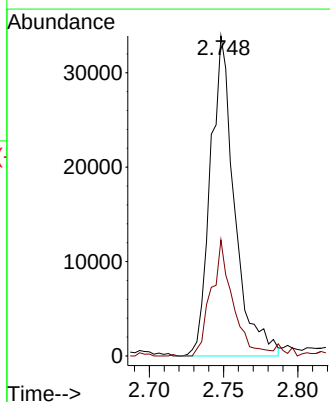
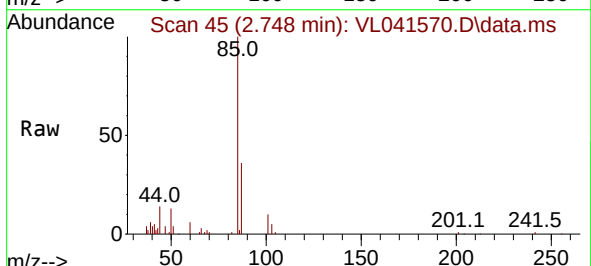
Manual Integrations
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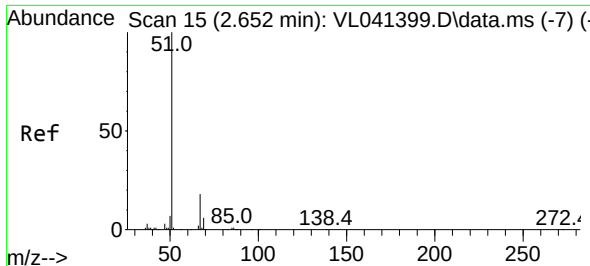
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#2
Dichlorodifluoromethane
Concen: 0.229 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.006 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

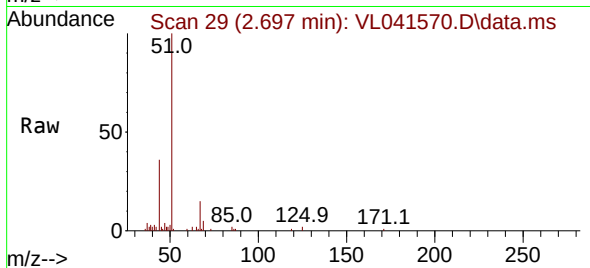
Tgt Ion: 85 Resp: 38357
Ion Ratio Lower Upper
85 100
87 36.3 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.351 ppbv m
RT: 2.697 min Scan# 29
Delta R.T. 0.010 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

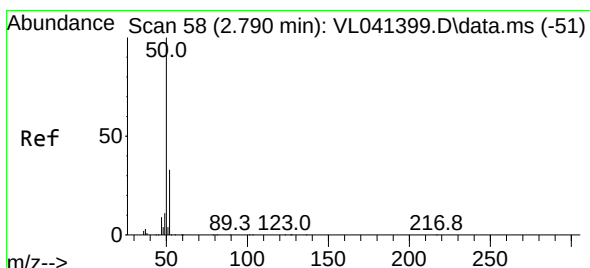
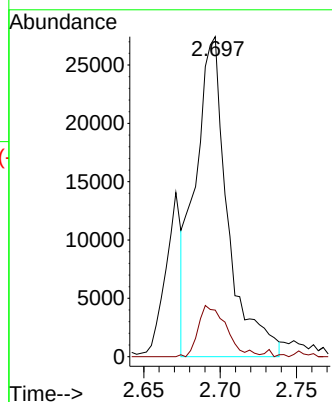
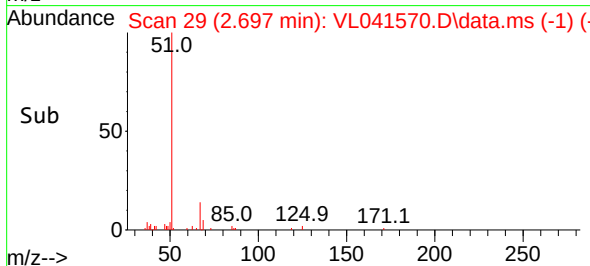
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 51 Resp: 40735
Ion Ratio Lower Upper
51 100
67 13.7 14.5 21.7

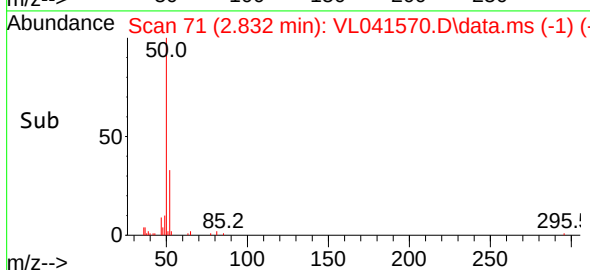
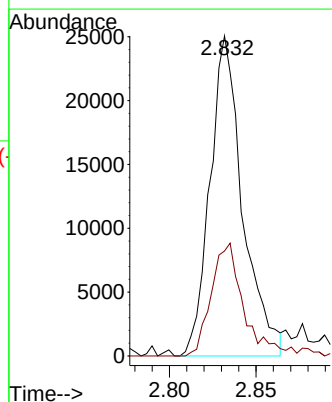
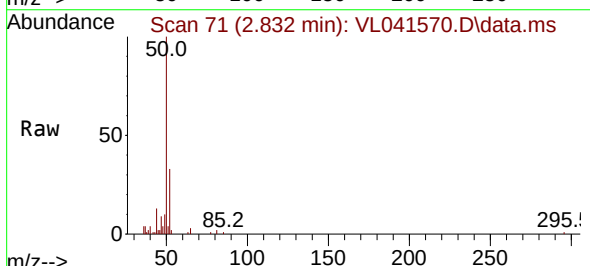
Manual Integrations
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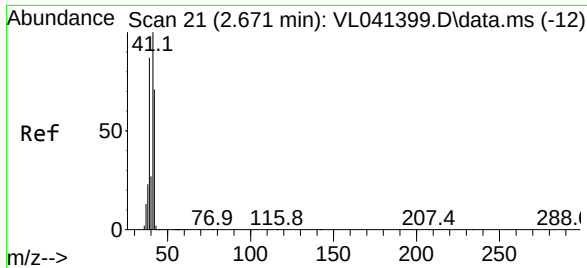
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#4
Chloromethane
Concen: 0.534 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

Tgt Ion: 50 Resp: 32923
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1





#9

Propene

Concen: 0.421 ppbv

RT: 2.722 min Scan# 31

Delta R.T. 0.016 min

Lab File: VL041570.D

Acq: 21 Aug 2024 16:57

Instrument :

MSVOA_L

ClientSampleId :

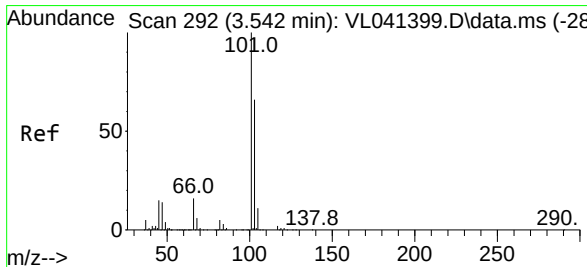
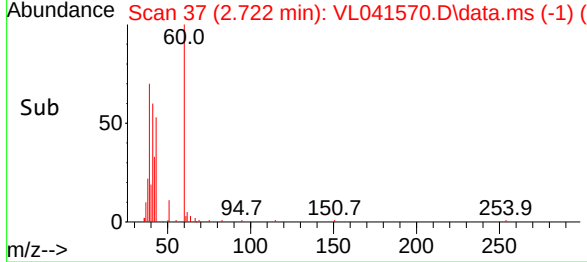
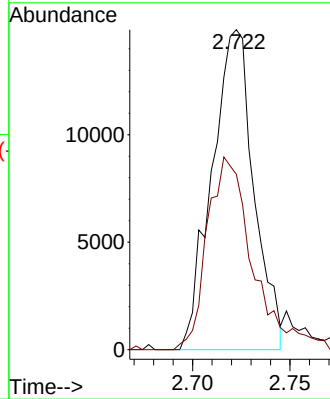
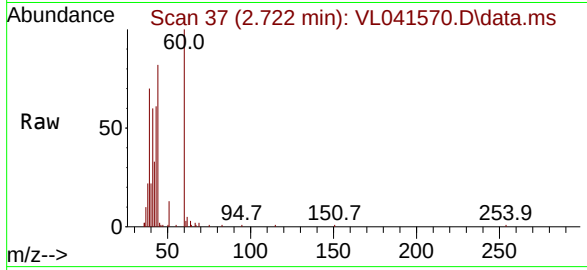
OA1

Tgt Ion: 41 Resp: 22400
 Ion Ratio Lower Upper
 41 100
 42 65.1 55.9 83.9

Manual Integrations

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



#11

Trichlorofluoromethane

Concen: 0.234 ppbv

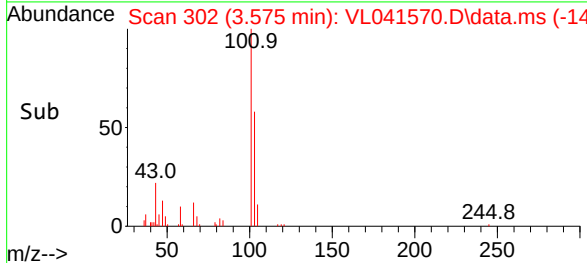
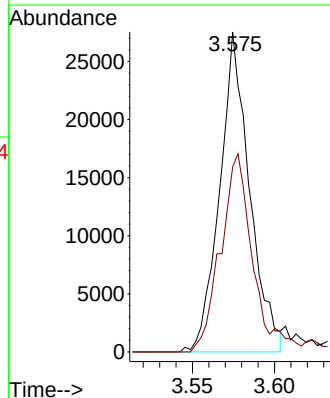
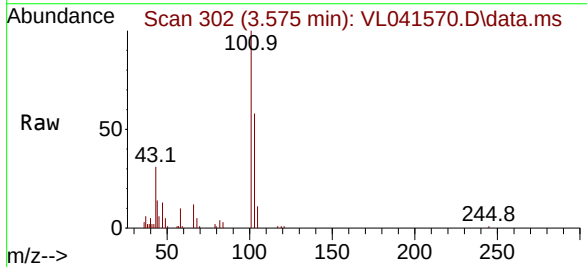
RT: 3.575 min Scan# 302

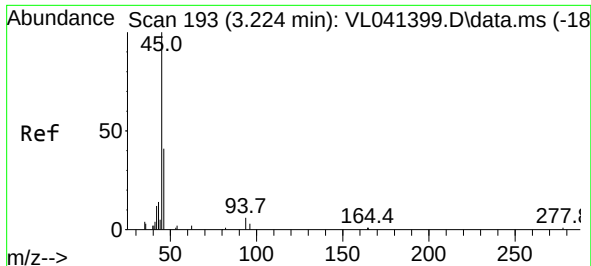
Delta R.T. 0.003 min

Lab File: VL041570.D

Acq: 21 Aug 2024 16:57

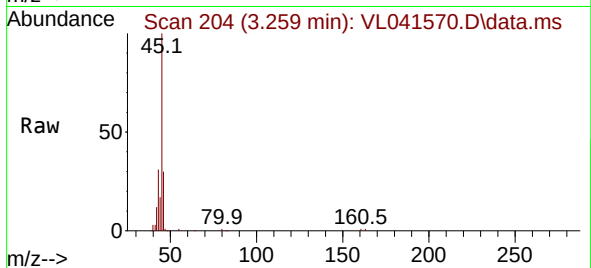
Tgt Ion:101 Resp: 34780
 Ion Ratio Lower Upper
 101 100
 103 57.8 52.6 79.0





#13
Ethanol
Concen: 19.763 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.000 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

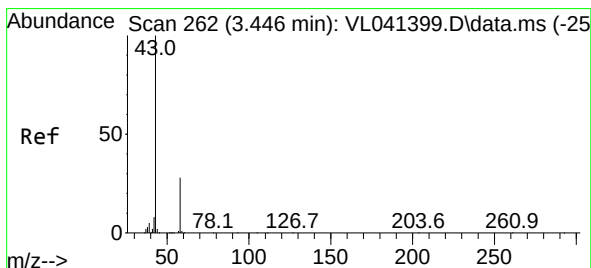
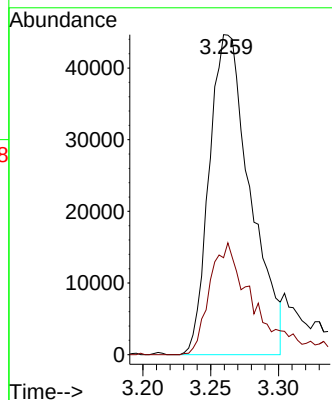
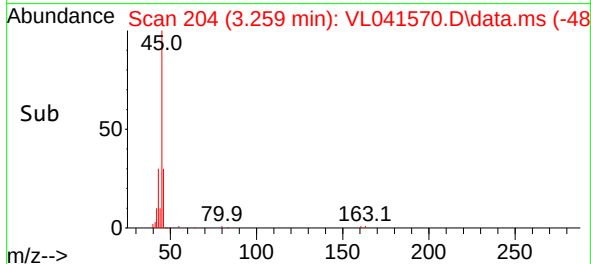
Instrument :
MSVOA_L
ClientSampleId :
OA1



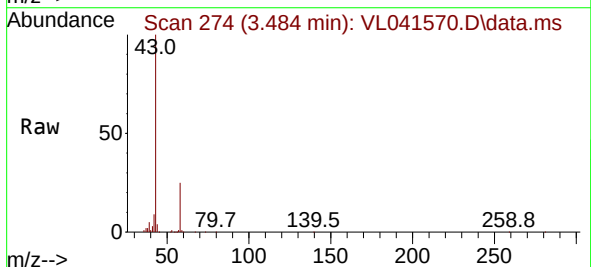
Tgt Ion: 45 Resp: 94059
Ion Ratio Lower Upper
45 100
46 41.8 13.4 53.4

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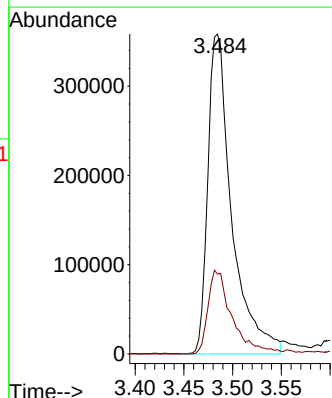
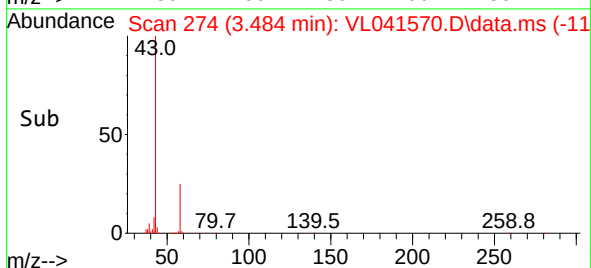
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

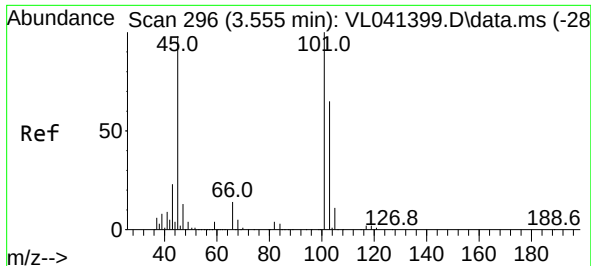


#15
Acetone
Concen: 5.523 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.006 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57



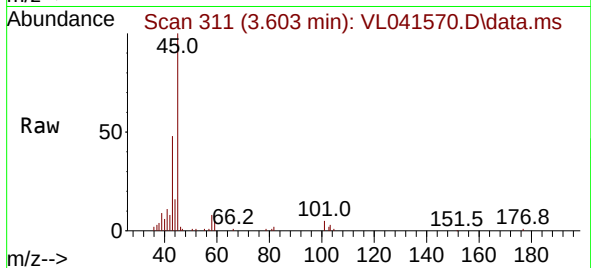
Tgt Ion: 43 Resp: 611007
Ion Ratio Lower Upper
43 100
58 28.1 21.4 32.2





#19
Isopropyl Alcohol
Concen: 0.877 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.019 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

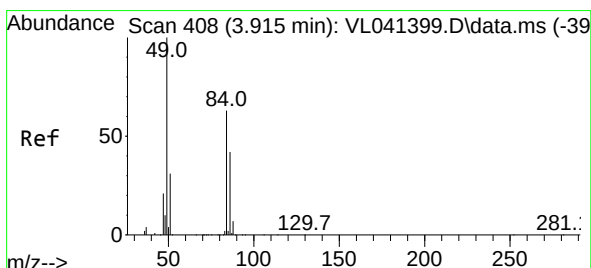
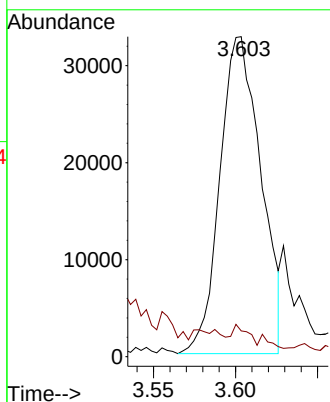
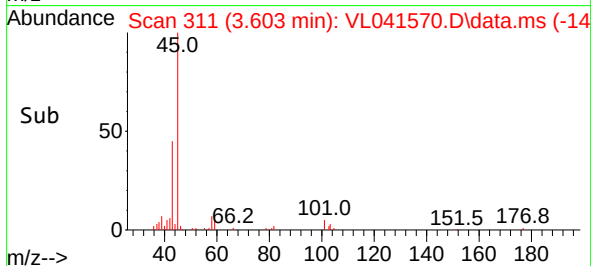
Instrument :
MSVOA_L
ClientSampleId :
OA1



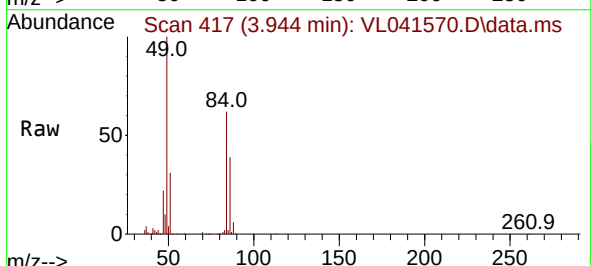
Tgt Ion: 45 Resp: 56745
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9

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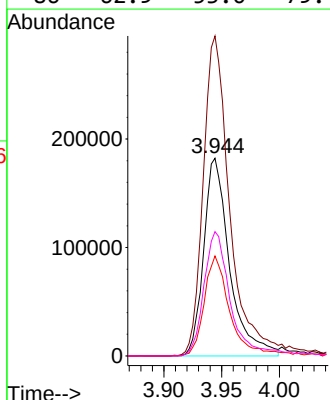
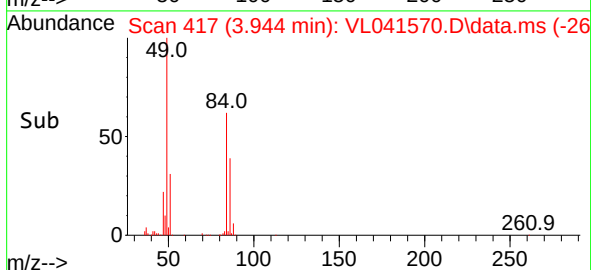
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

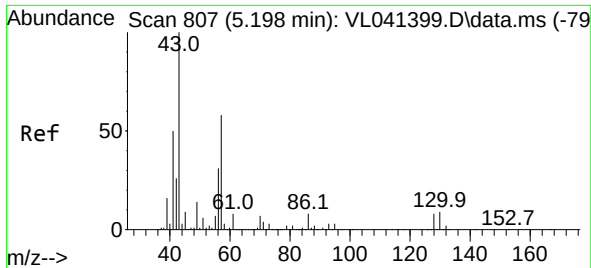


#20
Methylene Chloride
Concen: 6.925 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.003 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57



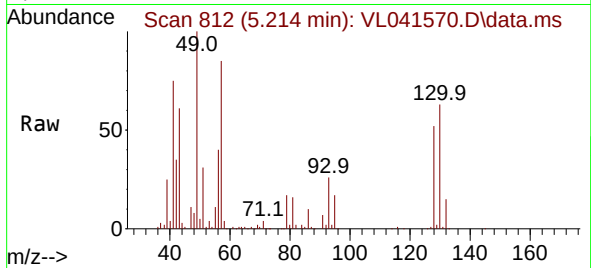
Tgt Ion: 84 Resp: 285675
Ion Ratio Lower Upper
84 100
49 161.6 126.6 190.0
51 50.4 38.6 58.0
86 62.9 53.0 79.4





#26
Hexane
Concen: 3.170 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

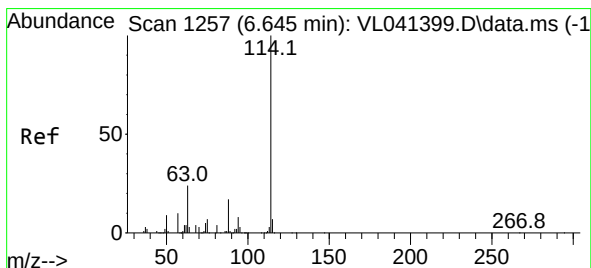
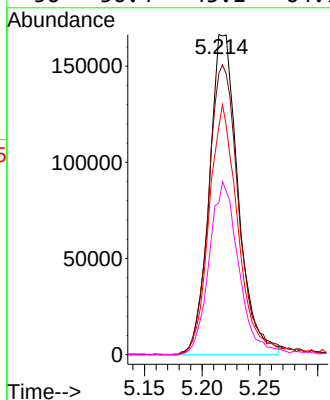
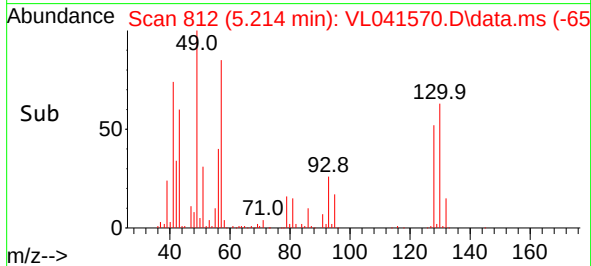
Instrument :
MSVOA_L
ClientSampleId :
OA1



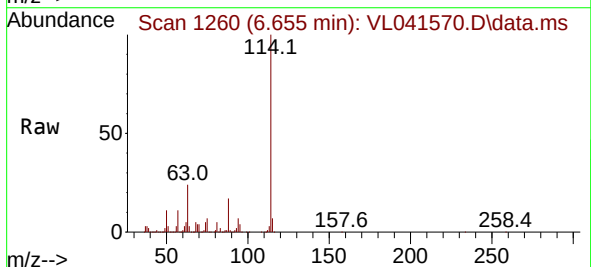
Tgt Ion: 57 Resp: 28899
Ion Ratio Lower Upper
57 100
41 96.6 74.0 111.0
43 80.4 193.6 290.4
56 56.4 43.1 64.7

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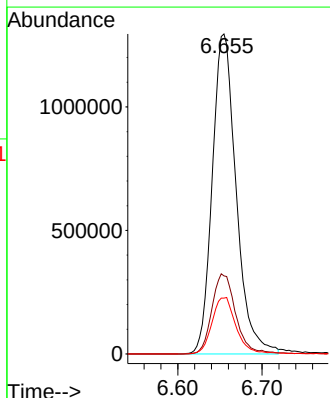
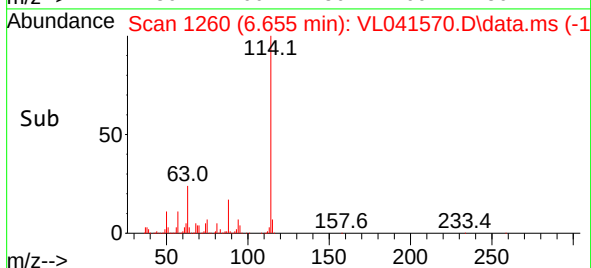
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

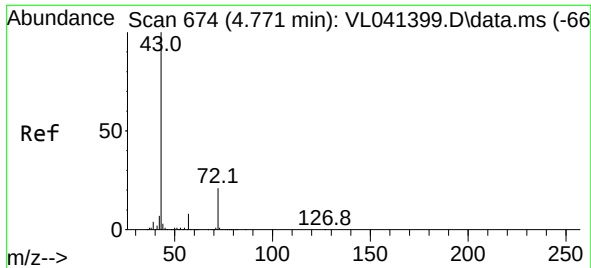


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57



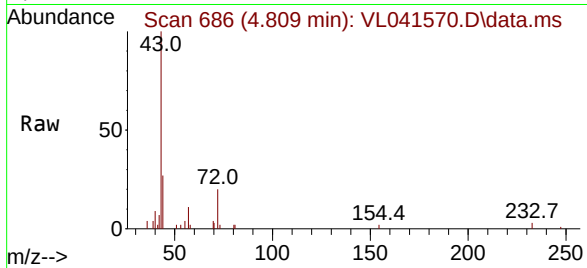
Tgt Ion:114 Resp: 2550150
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 17.9 14.3 21.5





#34
2-Butanone
Concen: 0.183 ppbv m
RT: 4.809 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

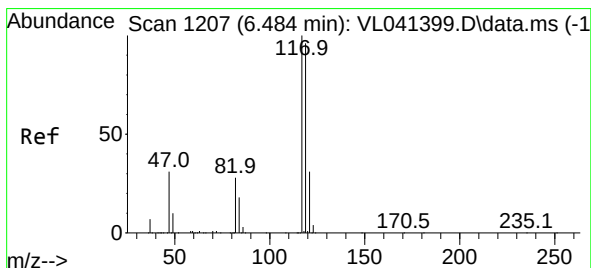
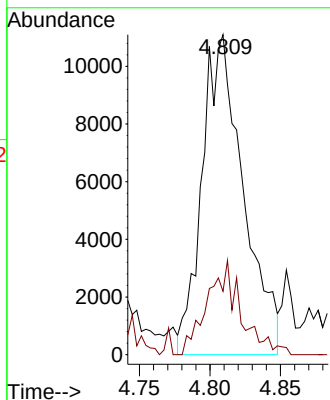
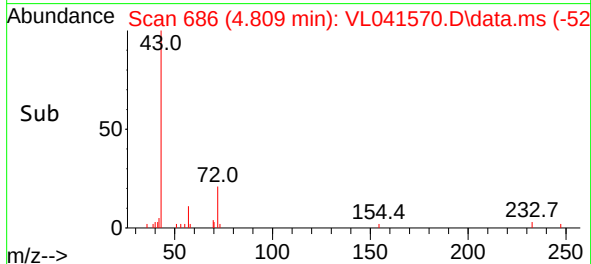
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
72 24.1 17.3 25.9

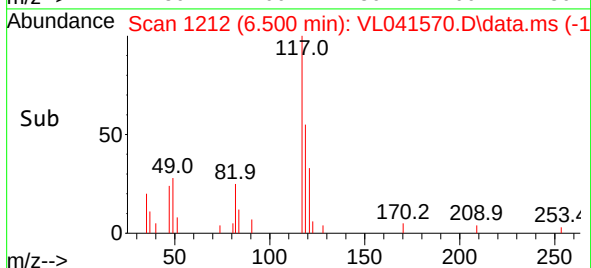
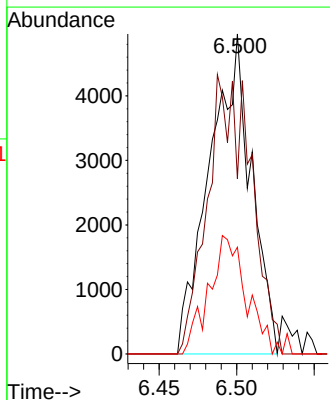
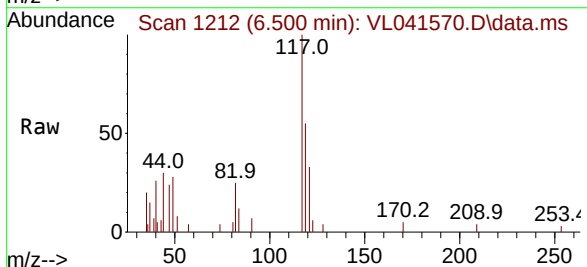
Manual Integrations
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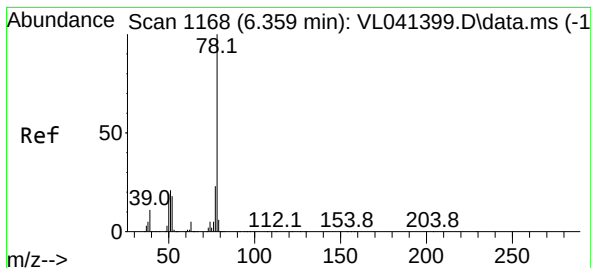
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#35
Carbon Tetrachloride
Concen: 0.066 ppbv m
RT: 6.500 min Scan# 1212
Delta R.T. 0.003 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

Tgt Ion:117 Resp: 9273
Ion Ratio Lower Upper
117 100
119 54.7 76.6 115.0#
121 33.3 25.1 37.7





#36

Benzene

Concen: 0.141 ppbv

RT: 6.369 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VL041570.D

Acq: 21 Aug 2024 16:57

Instrument :

MSVOA_L

ClientSampleId :

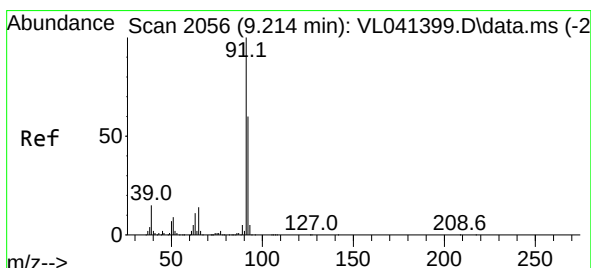
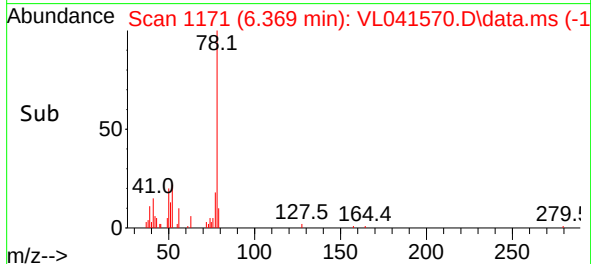
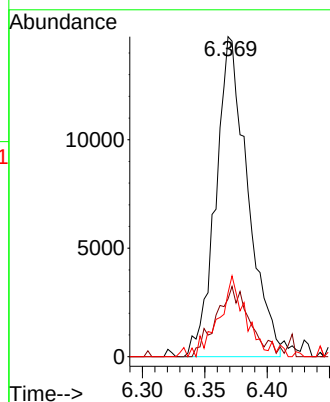
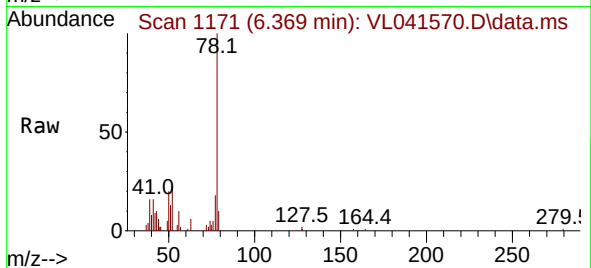
OA1

Tgt Ion: 78	Resp: 2629
Ion Ratio	Lower Upper
78 100	
77 18.1	18.1 27.1
50 18.7	15.5 23.3

Manual Integrations

APPROVED

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



#53

Toluene

Concen: 0.163 ppbv

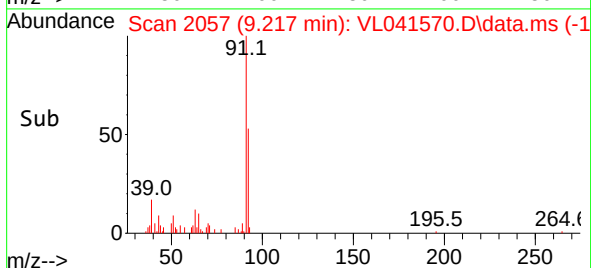
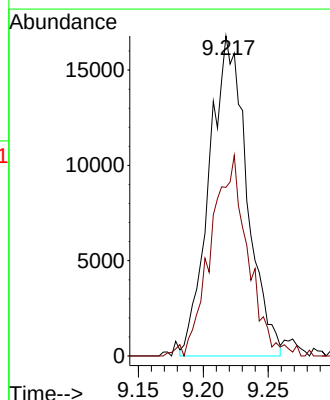
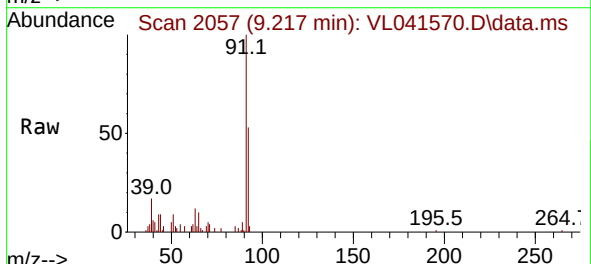
RT: 9.217 min Scan# 2057

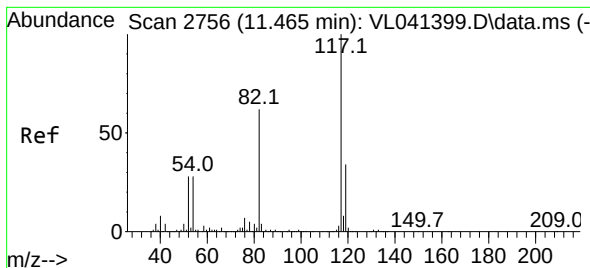
Delta R.T. -0.003 min

Lab File: VL041570.D

Acq: 21 Aug 2024 16:57

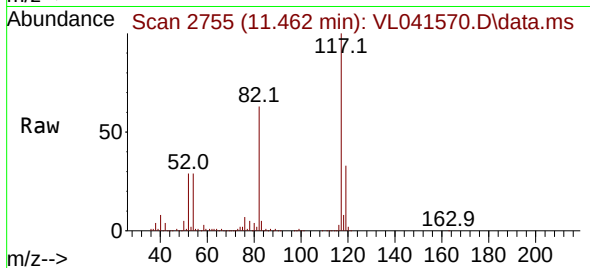
Tgt Ion: 91	Resp: 33909
Ion Ratio	Lower Upper
91 100	
92 62.1	48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

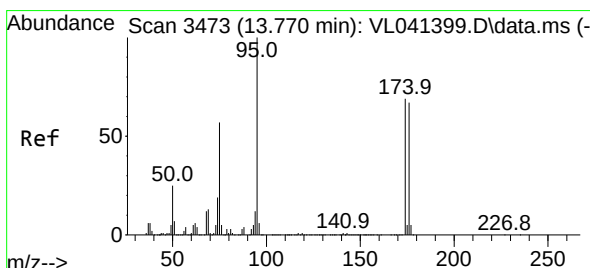
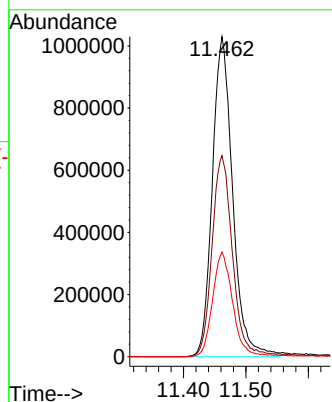
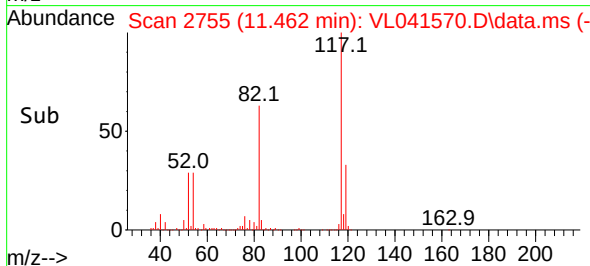
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 117 Resp: 2327000
Ion Ratio Lower Upper
117 100
82 64.2 51.0 76.6
119 32.9 45.2 67.8

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.892 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041570.D
Acq: 21 Aug 2024 16:57

Tgt Ion: 95 Resp: 1771394
Ion Ratio Lower Upper
95 100
174 72.1 56.3 84.5
175 5.0 4.0 6.0

