

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041563.D
 Acq On : 21 Aug 2024 11:47
 Operator : SY/MD
 Sample : P3679-02
 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 01:09:54 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 01:09:54 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	5.195	49	1026110	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2675212	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2408463	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1827911	9.862	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	37868	0.215	ppbv	93
3) Chlorodifluoromethane	2.693	51	48867m	0.400	ppbv	
4) Chloromethane	2.828	50	31641	0.487	ppbv	89
9) Propene	2.719	41	20260m	0.361	ppbv	
11) Trichlorofluoromethane	3.578	101	32819m	0.209	ppbv	
13) Ethanol	3.259	45	100398	20.018	ppbv	89
15) Acetone	3.481	43	537942	4.614	ppbv	100
19) Isopropyl Alcohol	3.600	45	58075m	0.852	ppbv	
20) Methylene Chloride	3.941	84	204939	4.714	ppbv	91
26) Hexane	5.217	57	168728	1.756	ppbv #	38
34) 2-Butanone	4.806	43	32183	0.249	ppbv #	86
35) Carbon Tetrachloride	6.494	117	9149	0.062	ppbv #	91
36) Benzene	6.372	78	27876	0.143	ppbv #	94
53) Toluene	9.211	91	52932	0.243	ppbv	98

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

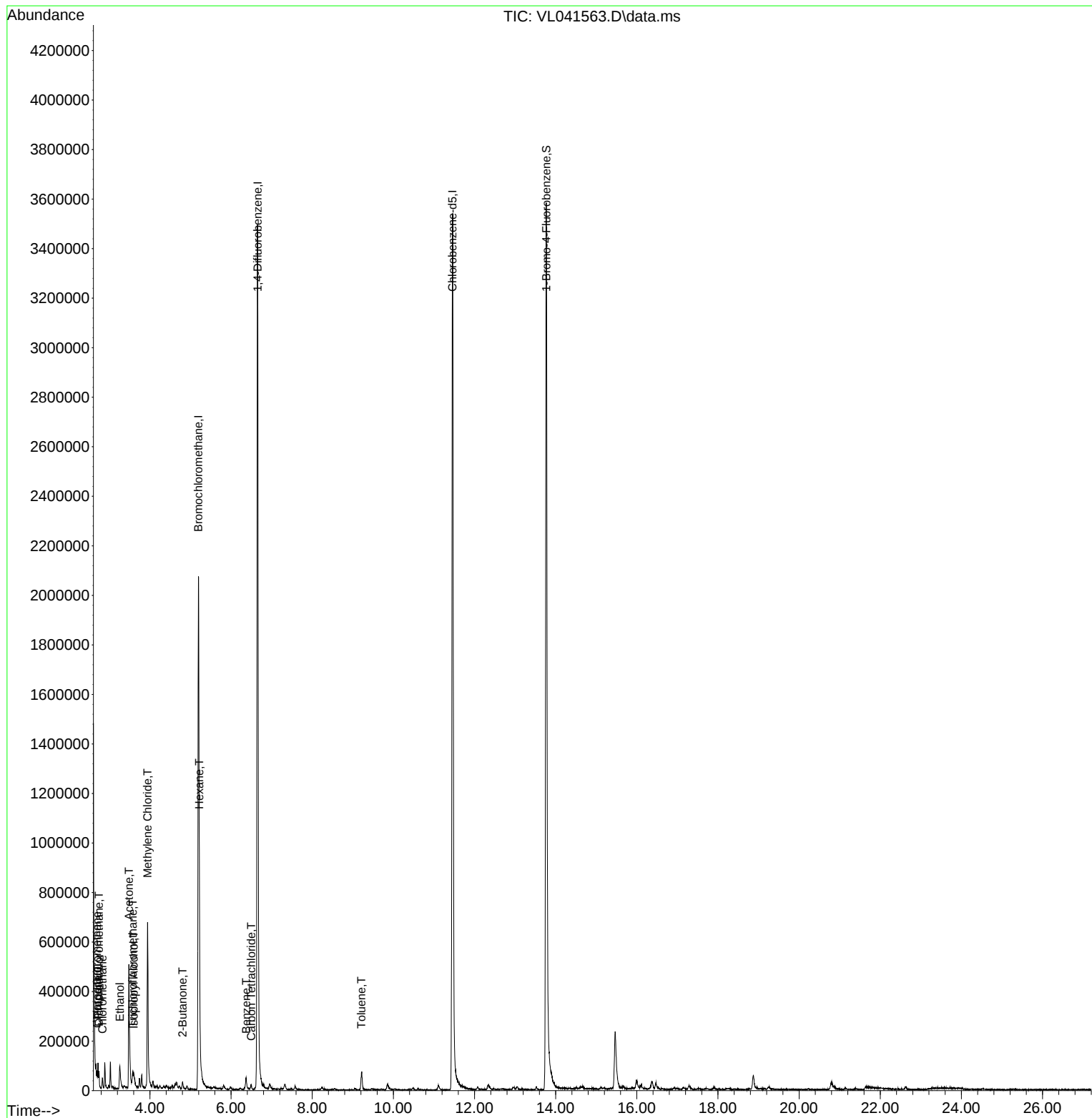
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041563.D
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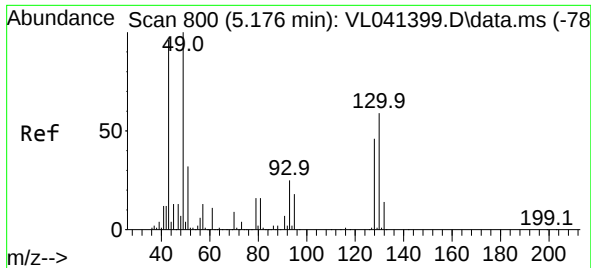
Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Aug 22 01:09:54 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

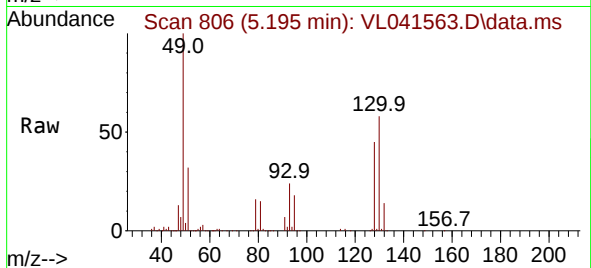
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

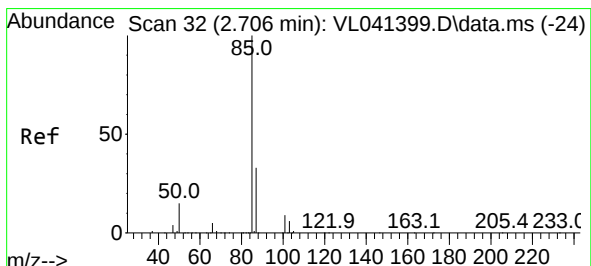
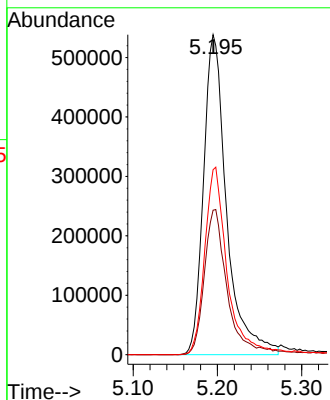
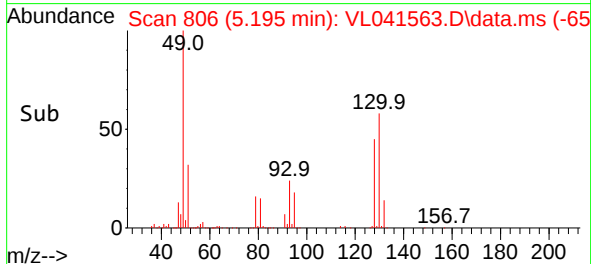
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 49 Resp: 1026110
Ion Ratio Lower Upper
49 100
128 46.4 23.8 71.4
130 59.4 30.8 92.4

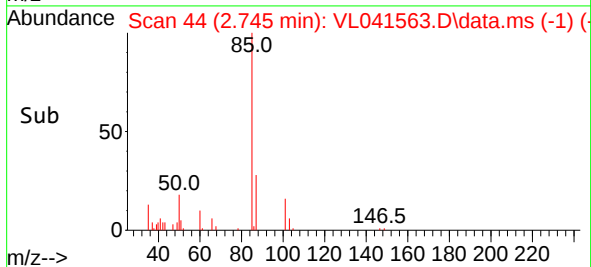
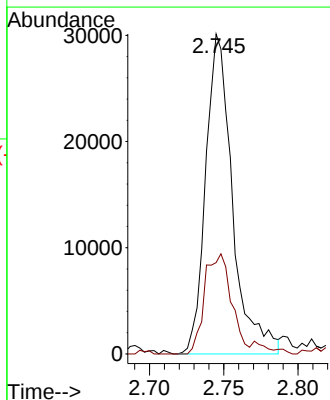
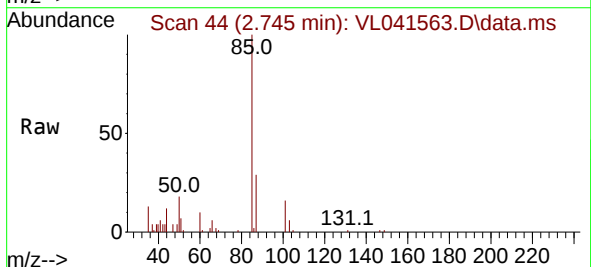
Manual Integrations
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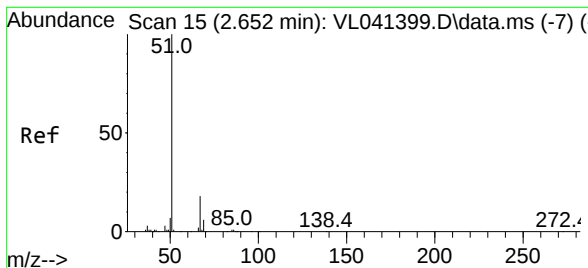
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#2
Dichlorodifluoromethane
Concen: 0.215 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.003 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

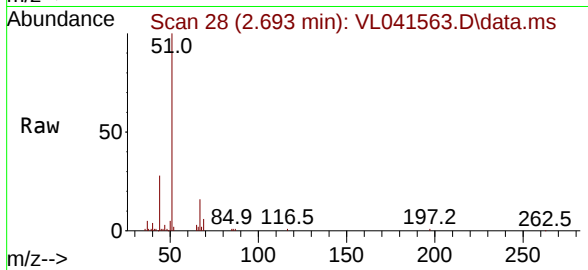
Tgt Ion: 85 Resp: 37868
Ion Ratio Lower Upper
85 100
87 28.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.400 ppbv m
RT: 2.693 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

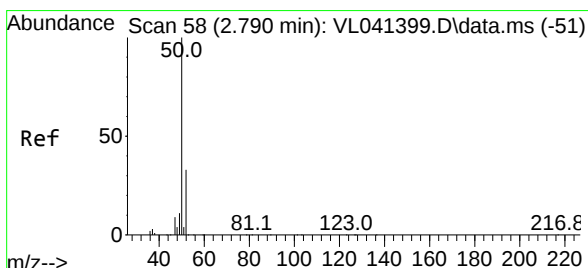
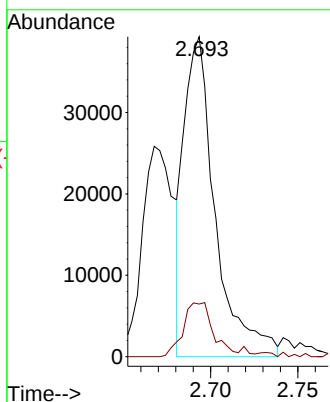
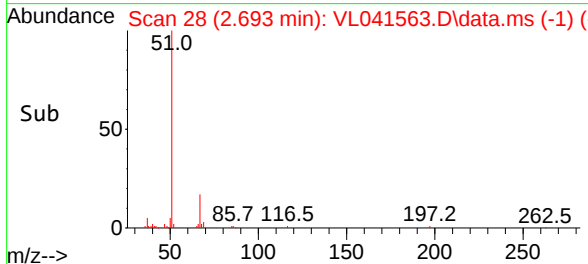
Instrument :
MSVOA_L
ClientSampleId :
OA1



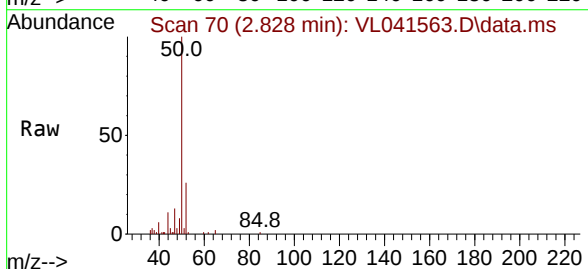
Tgt Ion: 51 Resp: 4886
Ion Ratio Lower Upper
51 100
67 18.0 14.5 21.7

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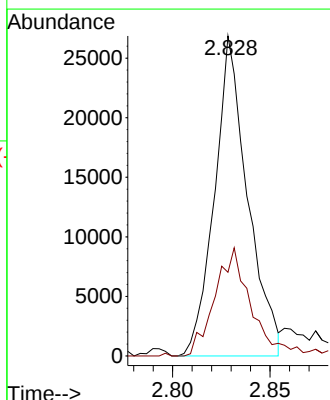
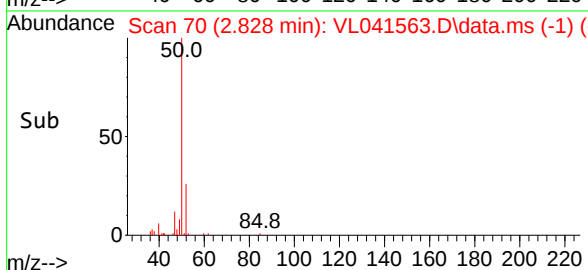
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

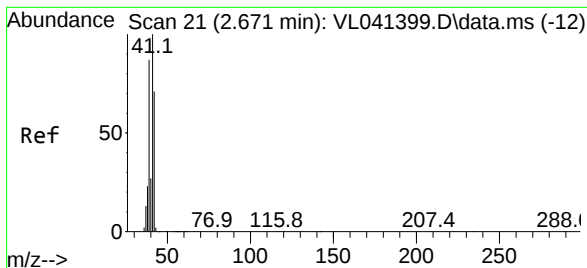


#4
Chloromethane
Concen: 0.487 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47



Tgt Ion: 50 Resp: 31641
Ion Ratio Lower Upper
50 100
52 26.2 26.1 39.1





#9

Propene

Concen: 0.361 ppbv m

RT: 2.719 min Scan# 30

Delta R.T. 0.013 min

Lab File: VL041563.D

Acq: 21 Aug 2024 11:47

Instrument :

MSVOA_L

ClientSampleId :

OA1

Tgt Ion: 41 Resp: 20260

Ion Ratio Lower Upper

41 100

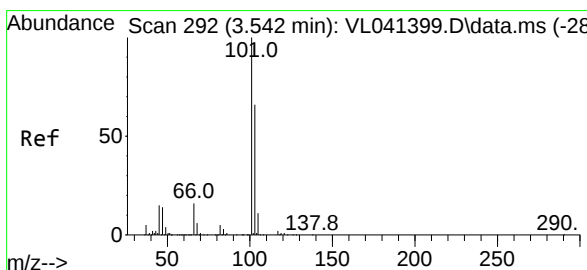
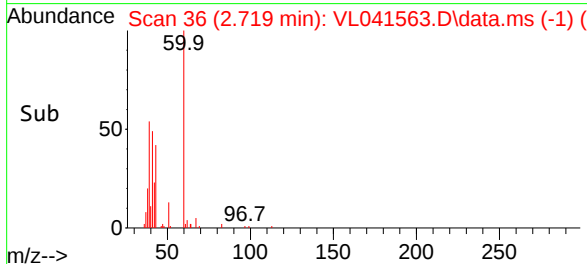
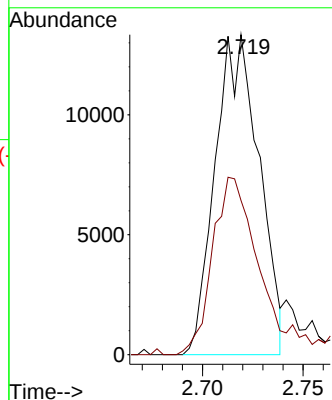
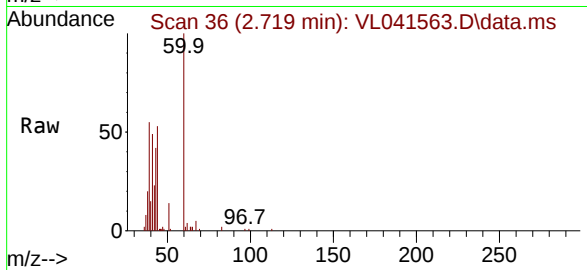
42 61.9 55.9 83.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#11

Trichlorofluoromethane

Concen: 0.209 ppbv m

RT: 3.578 min Scan# 303

Delta R.T. 0.006 min

Lab File: VL041563.D

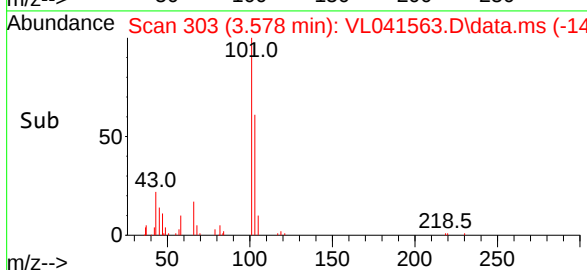
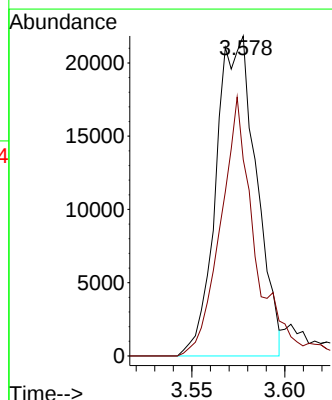
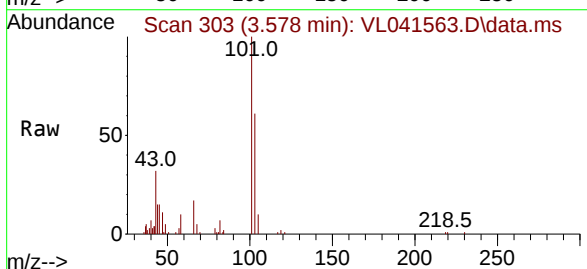
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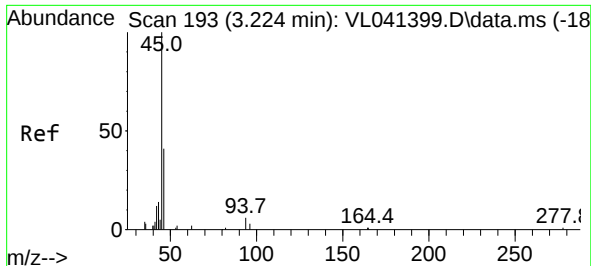
Tgt Ion:101 Resp: 32819

Ion Ratio Lower Upper

101 100

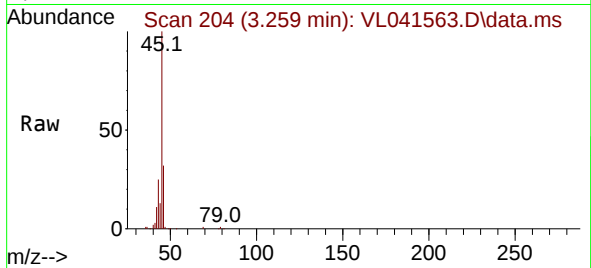
103 61.3 52.6 79.0





#13
Ethanol
Concen: 20.018 ppbv
RT: 3.259 min Scan# 204
Delta R.T. -0.000 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

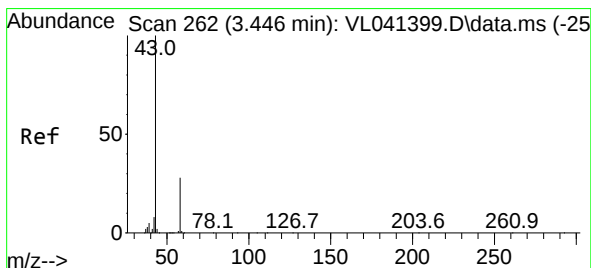
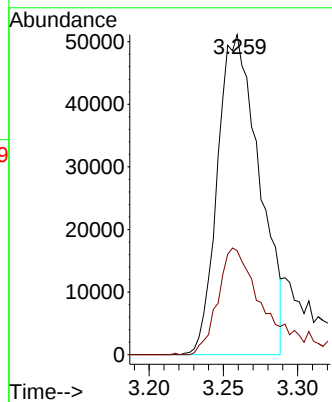
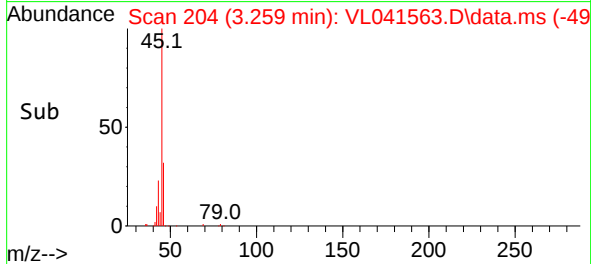
Instrument :
MSVOA_L
ClientSampleId :
OA1



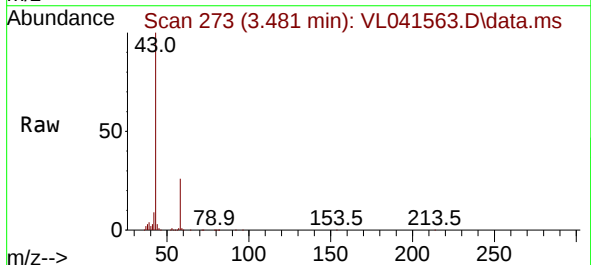
Tgt Ion: 45 Resp: 100398
Ion Ratio Lower Upper
45 100
46 39.4 13.4 53.4

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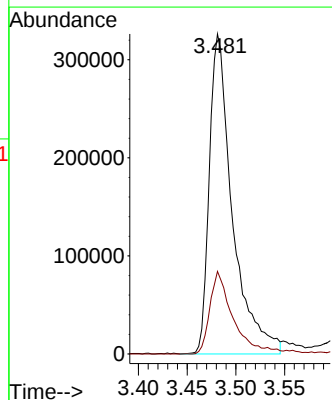
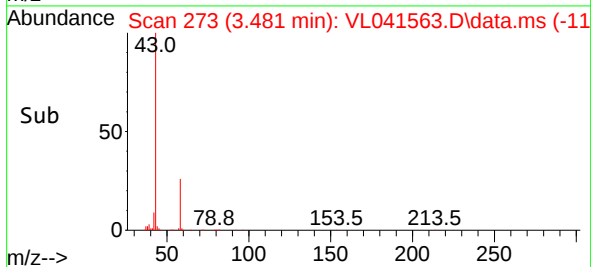
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

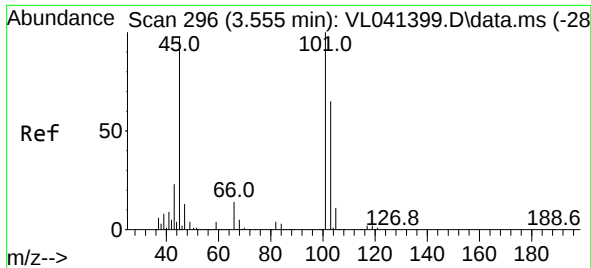


#15
Acetone
Concen: 4.614 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.003 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47



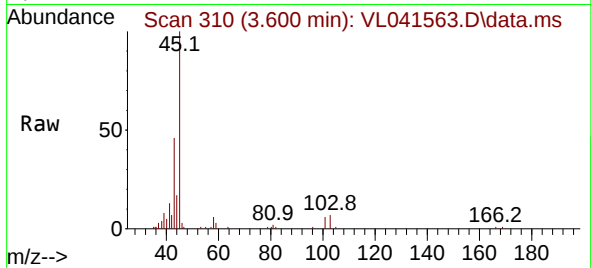
Tgt Ion: 43 Resp: 537942
Ion Ratio Lower Upper
43 100
58 26.8 21.4 32.2





#19
Isopropyl Alcohol
Concen: 0.852 ppbv m
RT: 3.600 min Scan# 310
Delta R.T. 0.016 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

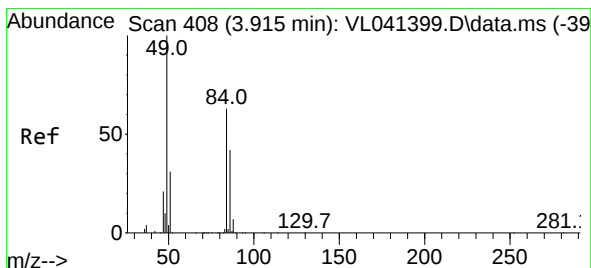
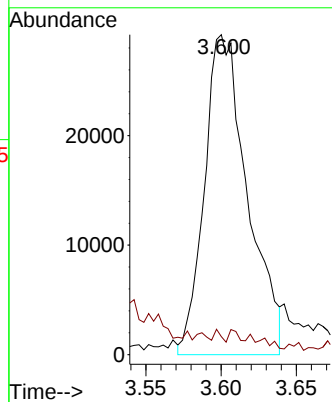
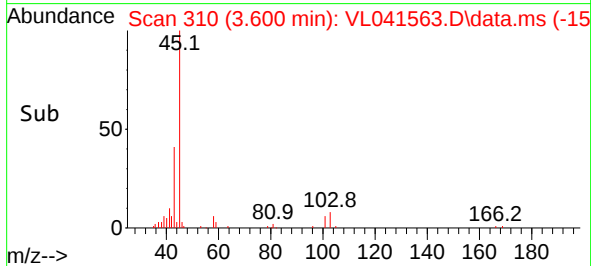
Instrument :
MSVOA_L
ClientSampleId :
OA1



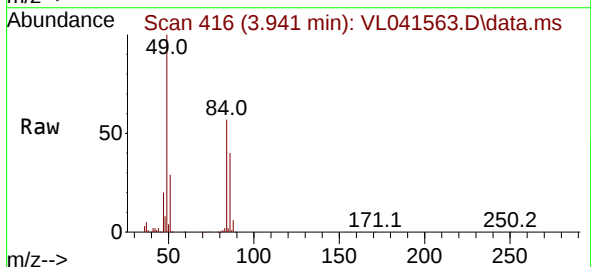
Tgt Ion: 45 Resp: 58075
Ion Ratio Lower Upper
45 100
58 10.9 1.9 2.9

Manual Integrations
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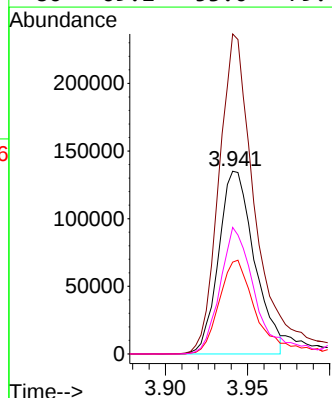
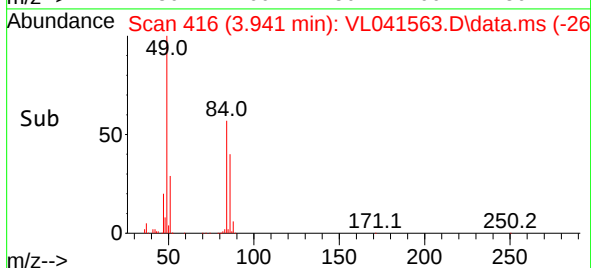
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Supervised By :Mahesh Dadoda 08/23/2024

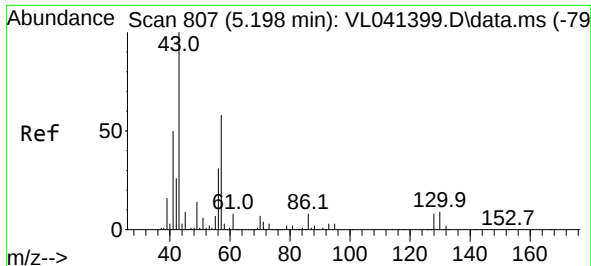


#20
Methylene Chloride
Concen: 4.714 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47



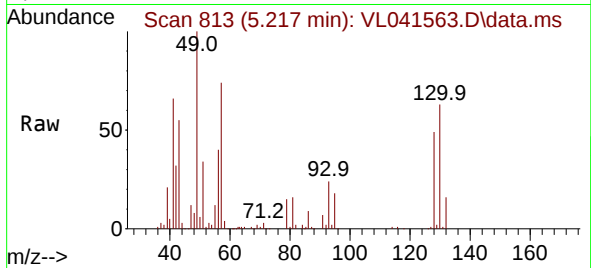
Tgt Ion: 84 Resp: 204939
Ion Ratio Lower Upper
84 100
49 174.9 126.6 190.0
51 50.1 38.6 58.0
86 69.2 53.0 79.4





#26
Hexane
Concen: 1.756 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.000 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

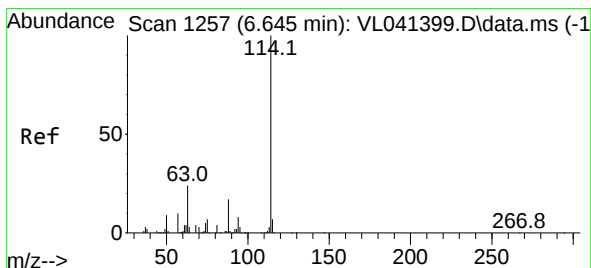
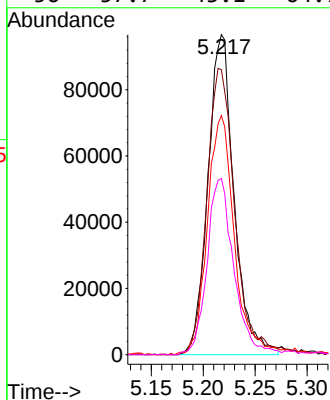
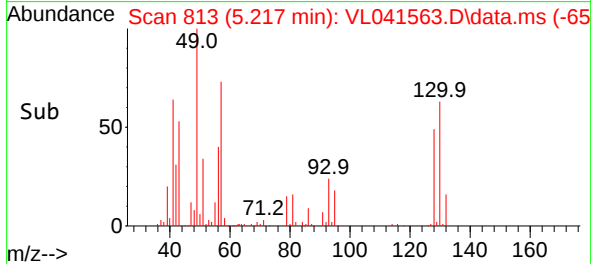
Instrument :
MSVOA_L
ClientSampleId :
OA1



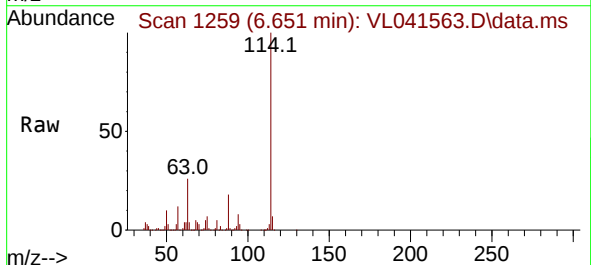
Tgt Ion: 57 Resp: 168728
Ion Ratio Lower Upper
57 100
41 97.3 74.0 111.0
43 77.8 193.6 290.4
56 57.7 43.1 64.7

Manual Integrations
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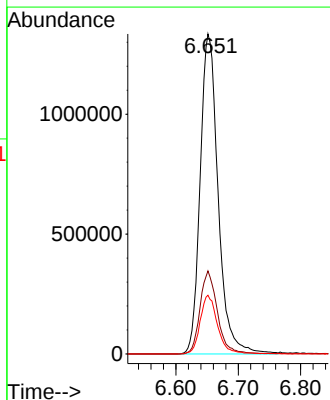
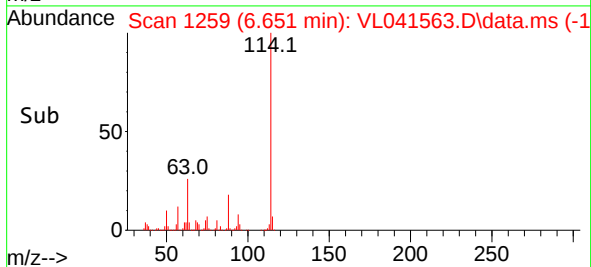
Reviewed By :Semsettin Yesilyurt 08/23/2024
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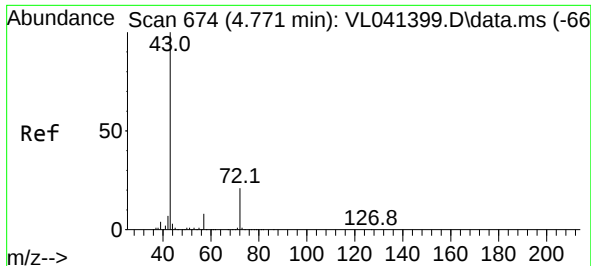


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47



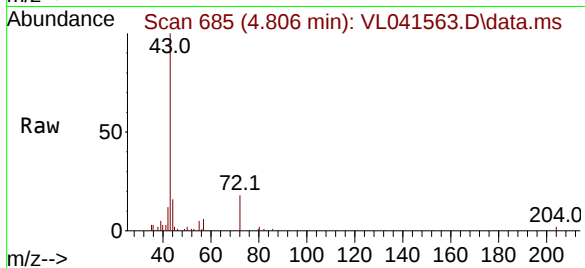
Tgt Ion:114 Resp: 2675212
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 17.8 14.3 21.5





#34
2-Butanone
Concen: 0.249 ppbv
RT: 4.806 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

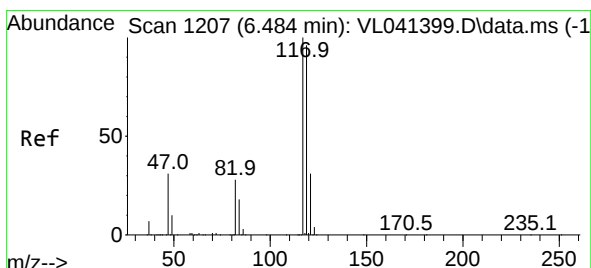
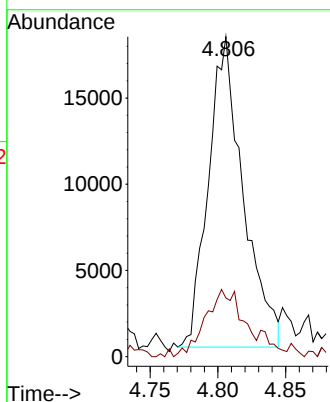
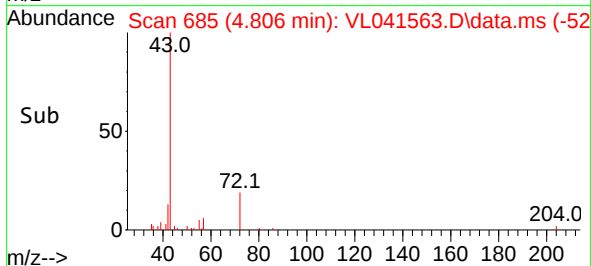
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
72 28.3 17.3 25.9

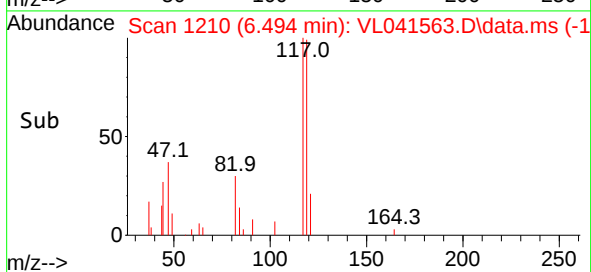
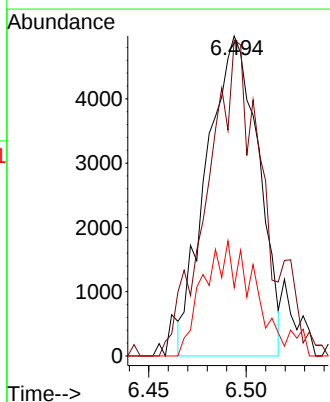
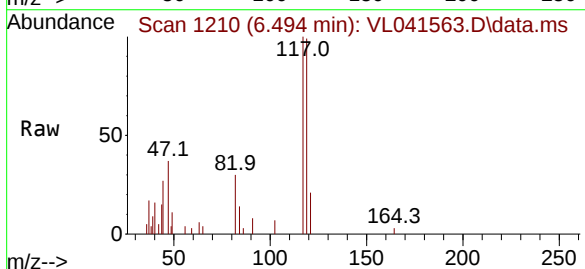
Manual Integrations
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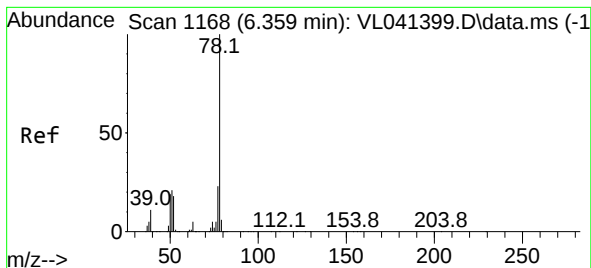
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#35
Carbon Tetrachloride
Concen: 0.062 ppbv
RT: 6.494 min Scan# 1210
Delta R.T. -0.003 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

Tgt Ion:117 Resp: 9149
Ion Ratio Lower Upper
117 100
119 88.4 76.6 115.0
121 24.0 25.1 37.7





#36

Benzene

Concen: 0.143 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VL041563.D

Acq: 21 Aug 2024 11:47

Instrument :

MSVOA_L

ClientSampleId :

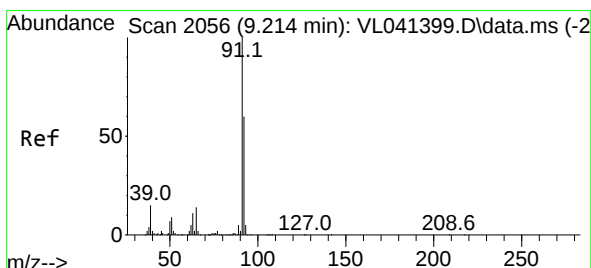
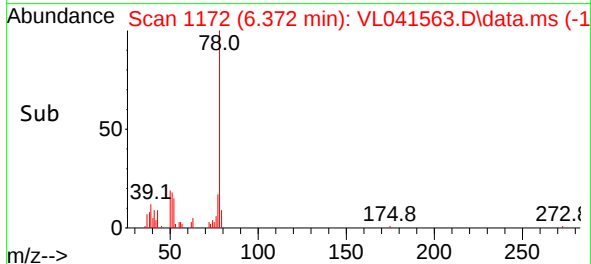
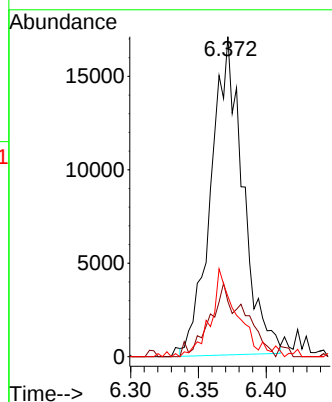
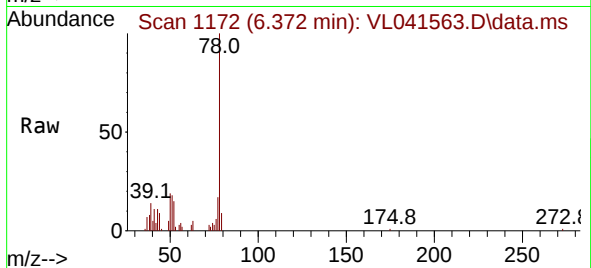
OA1

Tgt Ion: 78	Resp: 27870
Ion Ratio	Lower Upper
78 100	
77 17.7	18.1 27.1
50 19.3	15.5 23.3

Manual Integrations

APPROVED

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



#53

Toluene

Concen: 0.243 ppbv

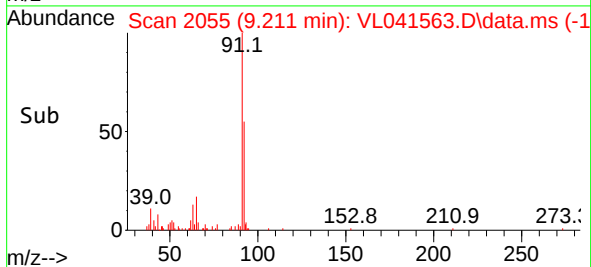
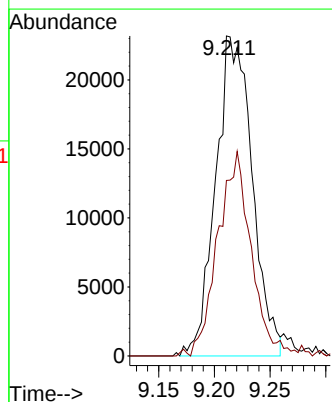
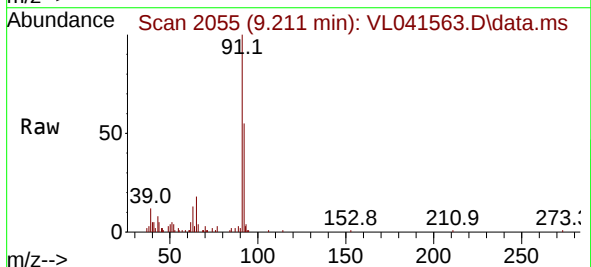
RT: 9.211 min Scan# 2055

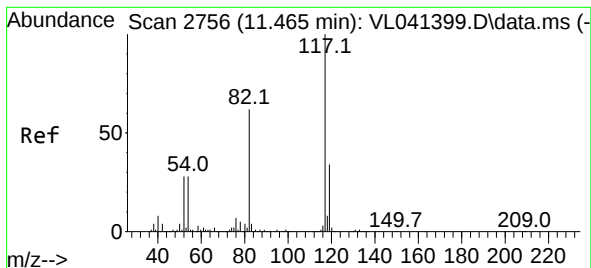
Delta R.T. -0.010 min

Lab File: VL041563.D

Acq: 21 Aug 2024 11:47

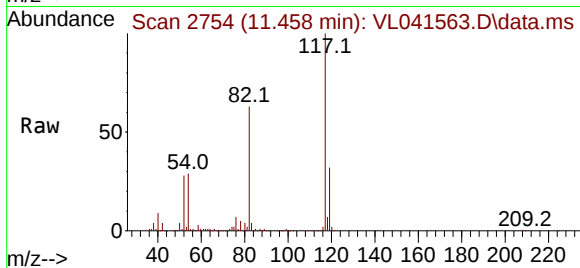
Tgt Ion: 91	Resp: 52932
Ion Ratio	Lower Upper
91 100	
92 59.1	48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

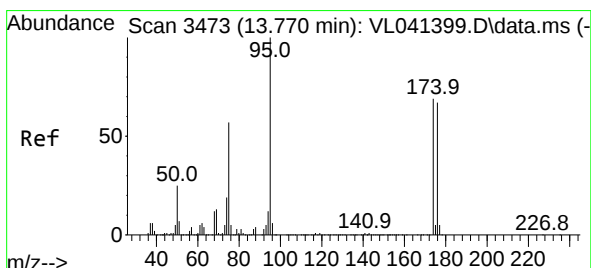
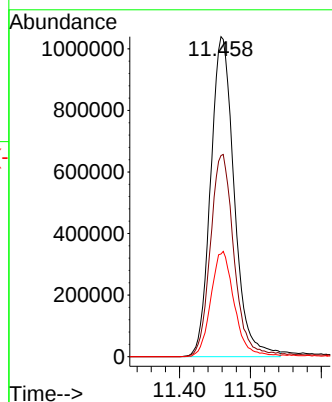
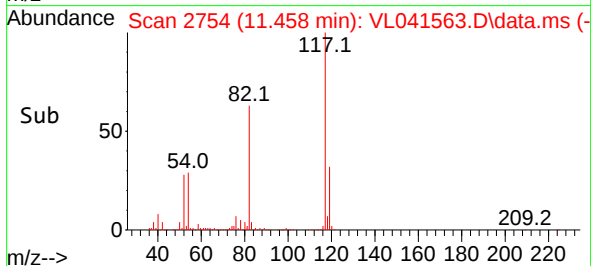
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion:117 Resp: 240846
Ion Ratio Lower Upper
117 100
82 64.8 51.0 76.6
119 33.3 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: 9.862 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041563.D
Acq: 21 Aug 2024 11:47

Tgt Ion: 95 Resp: 1827911
Ion Ratio Lower Upper
95 100
174 72.3 56.3 84.5
175 5.2 4.0 6.0

