

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041428.D
 Acq On : 29 Jul 2024 14:15
 Operator : SY/MD
 Sample : P3342-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-02DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1083399	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	3011369	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2783814	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2177698	10.165	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
13) Ethanol	3.250	45	28643m	5.409	ppbv	
15) Acetone	3.478	43	175695	1.427	ppbv	93
20) Methylene Chloride	3.931	84	249339	5.432	ppbv	96
26) Hexane	5.211	57	226949	2.237	ppbv #	37
36) Benzene	6.375	78	44469	0.202	ppbv #	91
53) Toluene	9.220	91	236088	0.963	ppbv	100
59) m/p-Xylene	12.342	91	44917m	0.162	ppbv	
61) Styrene	12.905	104	27437	0.232	ppbv	91

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

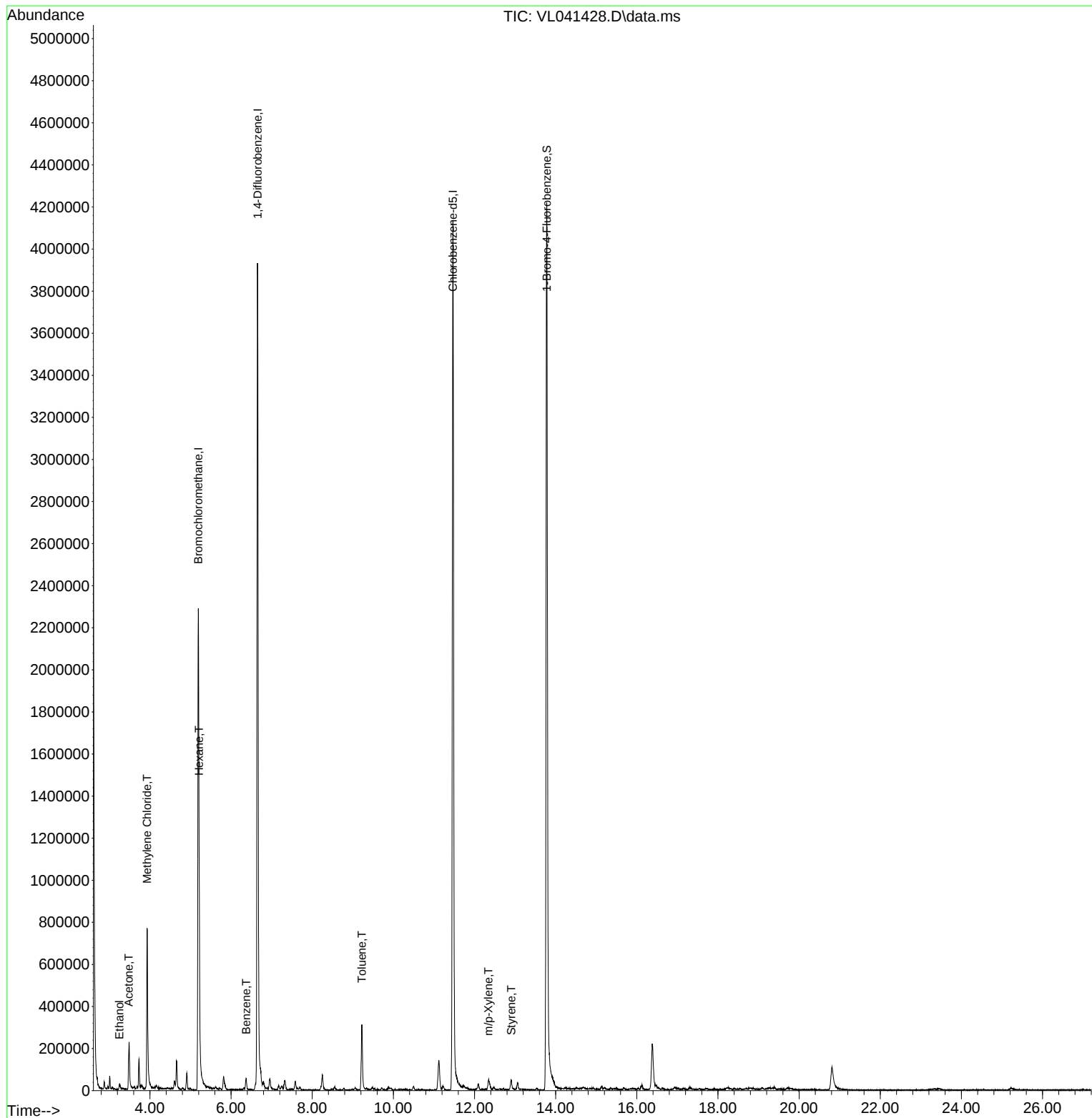
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041428.D
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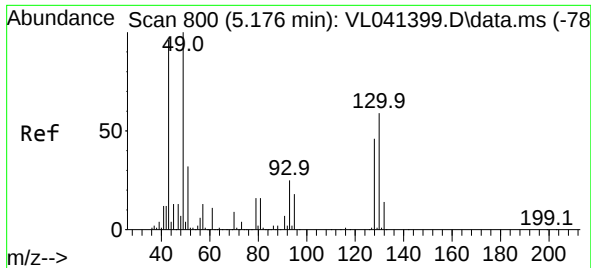
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-02DL

Quant Time: Jul 30 02:49:39 2024
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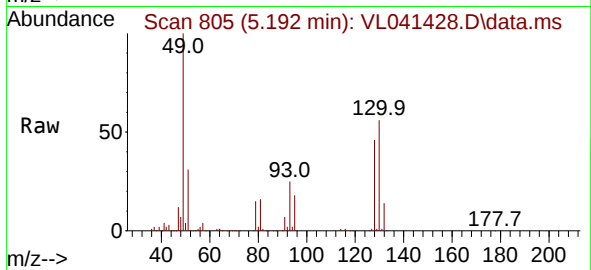
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

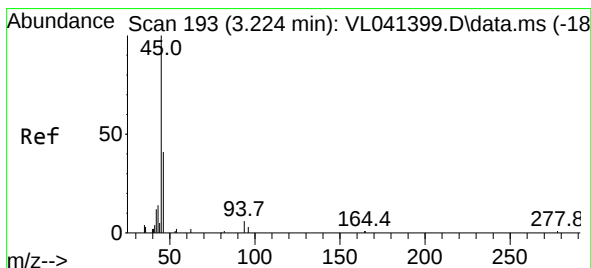
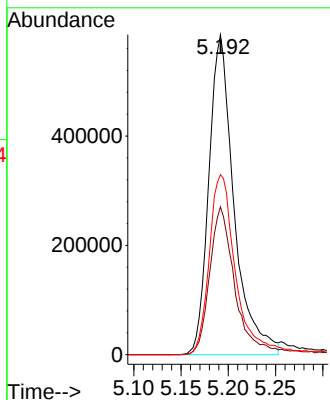
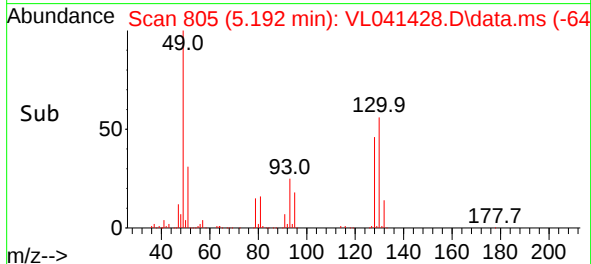
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-02DL



Tgt Ion: 49 Resp: 108339
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.4
130 61.7 30.8 92.4

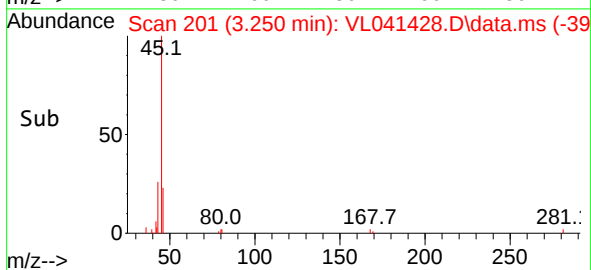
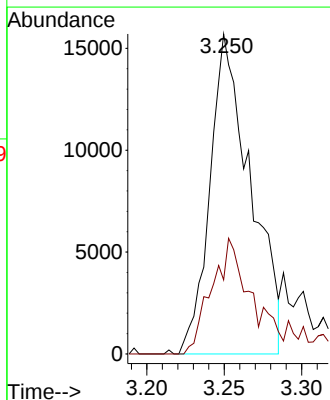
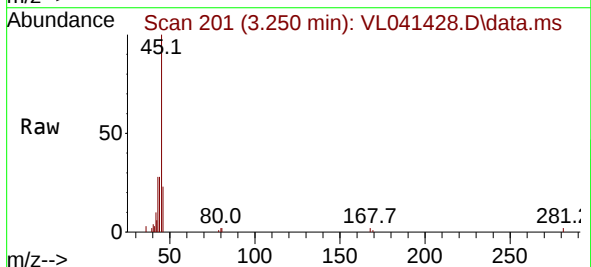
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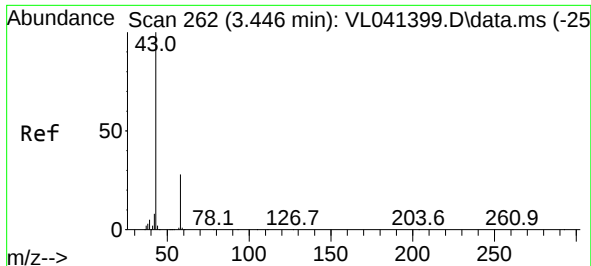
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#13
Ethanol
Concen: 5.409 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.022 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

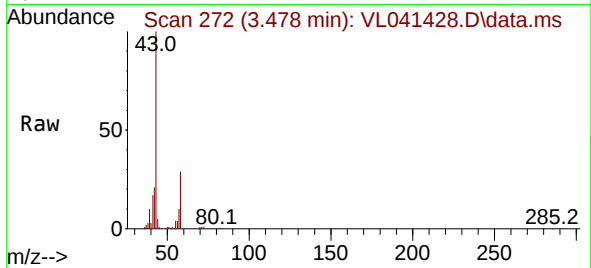
Tgt Ion: 45 Resp: 28643
Ion Ratio Lower Upper
45 100
46 42.9 13.4 53.4





#15
Acetone
Concen: 1.427 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

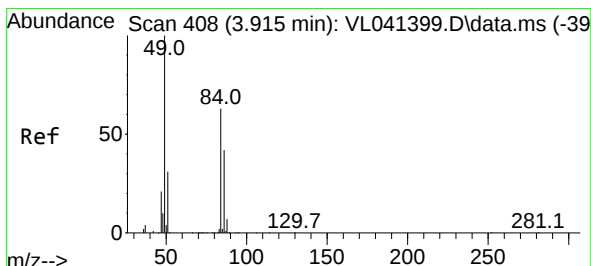
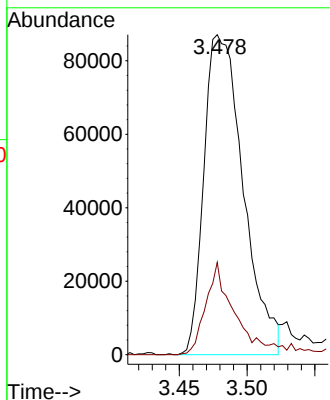
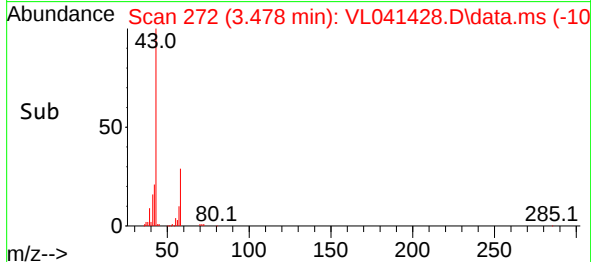
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-02DL



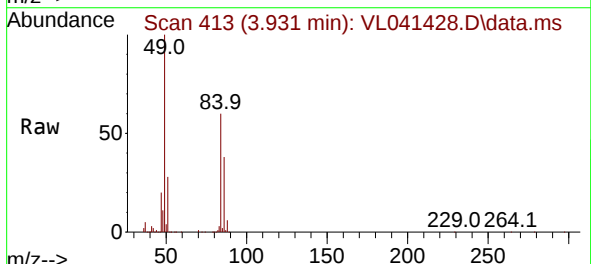
Tgt Ion: 43 Resp: 17569
Ion Ratio Lower Upper
43 100
58 23.3 21.4 32.2

Manual Integrations
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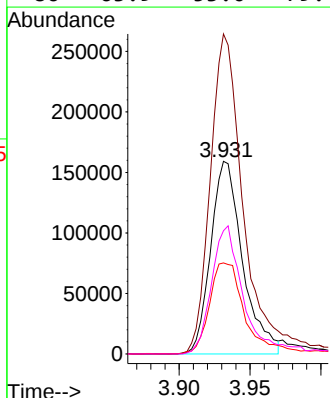
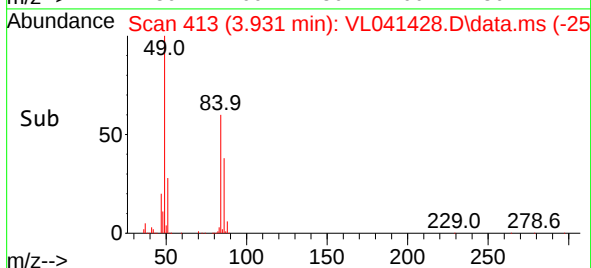
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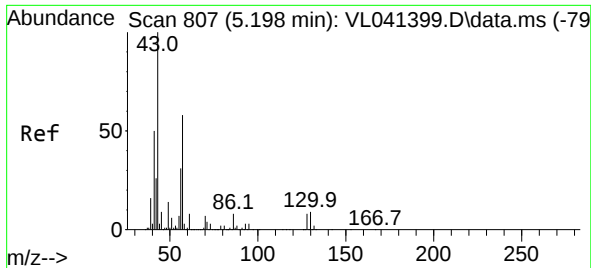


#20
Methylene Chloride
Concen: 5.432 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15



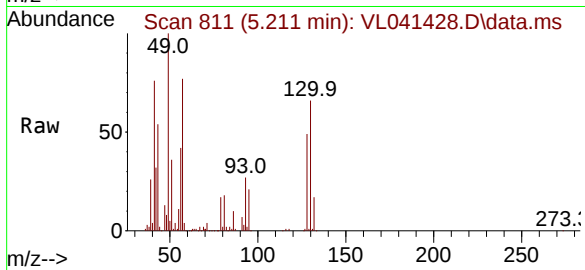
Tgt Ion: 84 Resp: 249339
Ion Ratio Lower Upper
84 100
49 166.0 126.6 190.0
51 47.1 38.6 58.0
86 63.9 53.0 79.4





#26
Hexane
Concen: 2.237 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

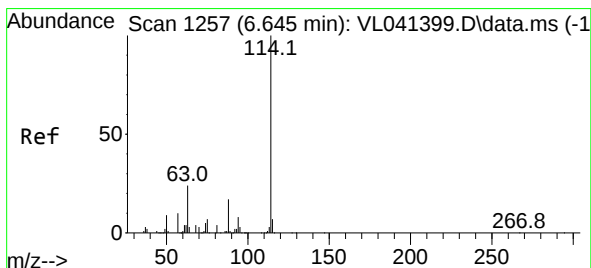
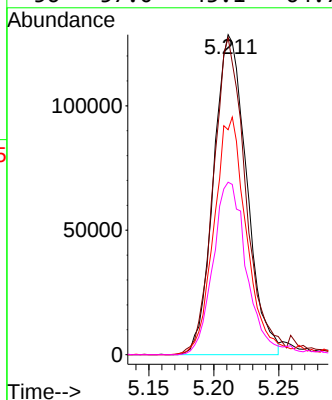
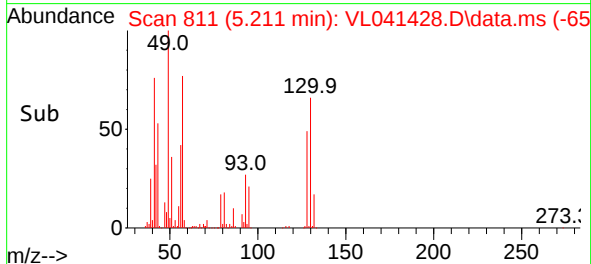
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-02DL



Tgt Ion: 57 Resp: 226949
Ion Ratio Lower Upper
57 100
41 100.6 74.0 111.0
43 75.7 193.6 290.4
56 57.0 43.1 64.7

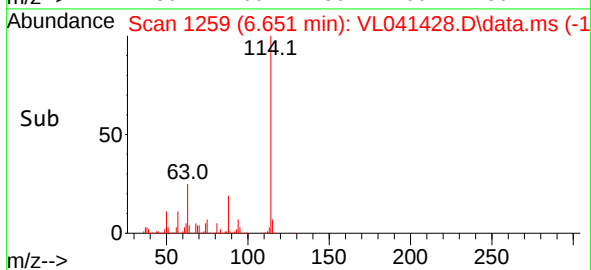
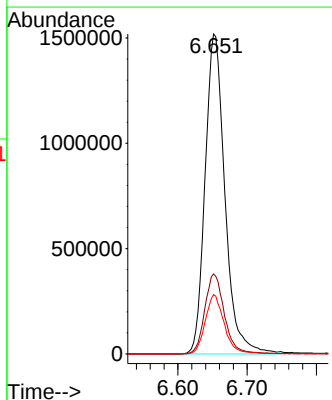
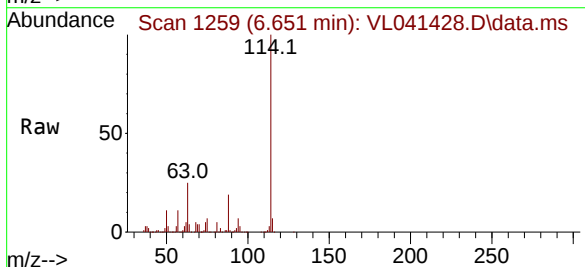
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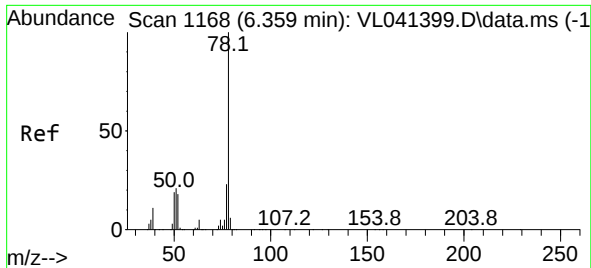
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

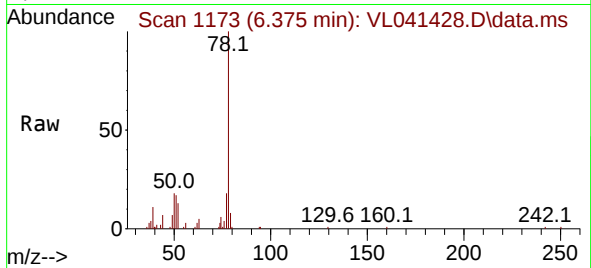
Tgt Ion:114 Resp: 3011369
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 17.9 14.3 21.5





#36
Benzene
Concen: 0.202 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.016 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

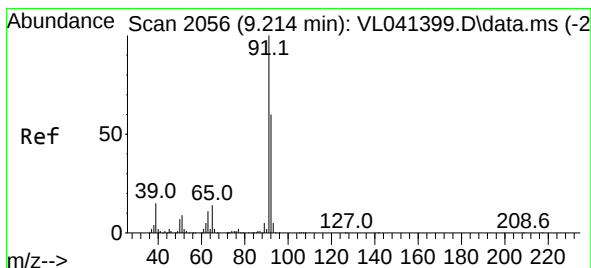
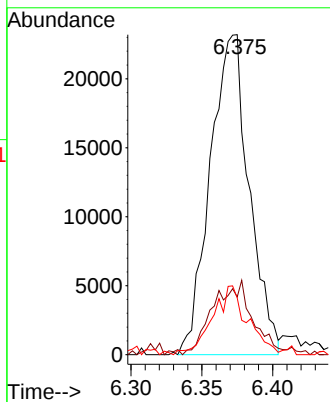
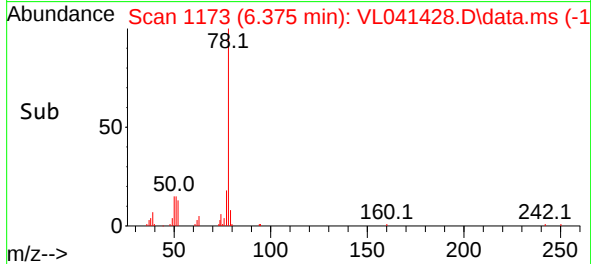
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-02DL



Tgt Ion: 78 Resp: 44469
Ion Ratio Lower Upper
78 100
77 16.5 18.1 27.1
50 16.9 15.5 23.3

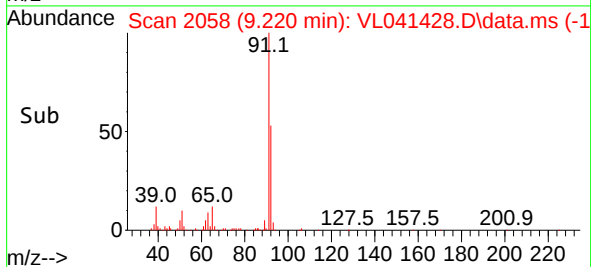
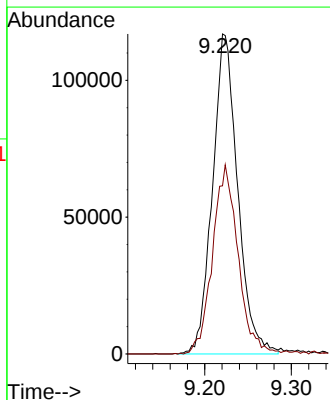
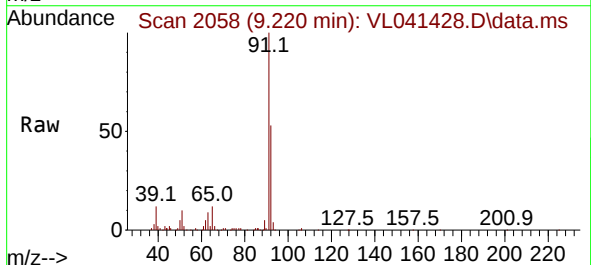
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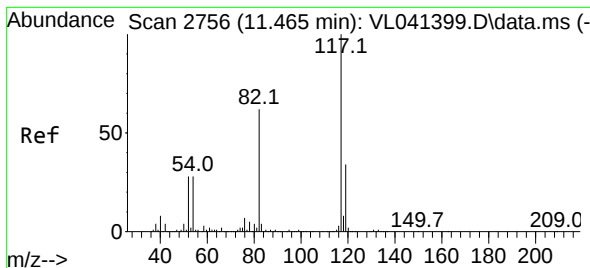
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#53
Toluene
Concen: 0.963 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

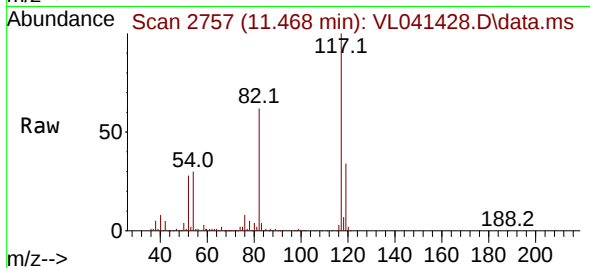
Tgt Ion: 91 Resp: 236088
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

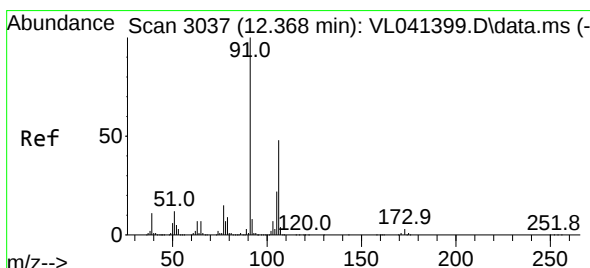
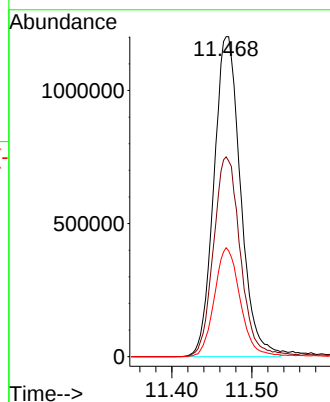
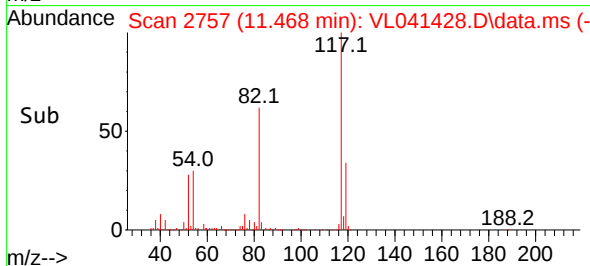
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-02DL



Tgt Ion: 117 Resp: 2783814
Ion Ratio Lower Upper
117 100
82 64.4 51.0 76.6
119 33.6 45.2 67.8

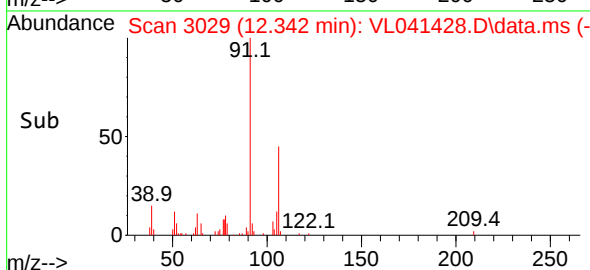
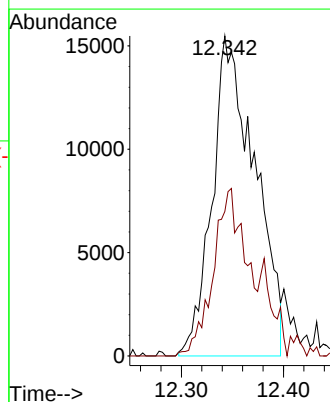
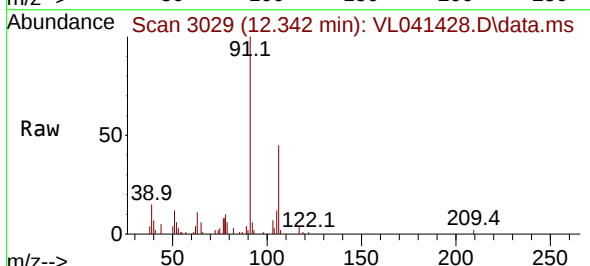
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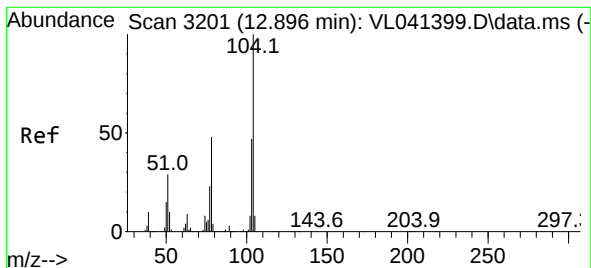
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#59
m/p-Xylene
Concen: 0.162 ppbv m
RT: 12.342 min Scan# 3029
Delta R.T. -0.026 min
Lab File: VL041428.D
Acq: 29 Jul 2024 14:15

Tgt Ion: 91 Resp: 44917
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5





#61

Styrene

Concen: 0.232 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041428.D

Acq: 29 Jul 2024 14:15

Instrument :

MSVOA_L

ClientSampleId :

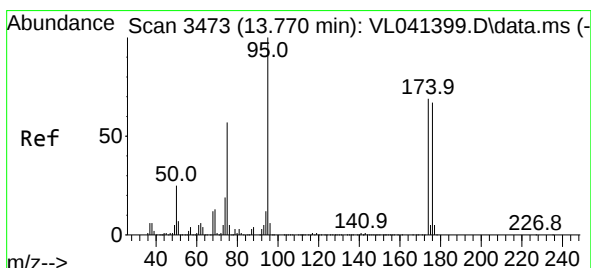
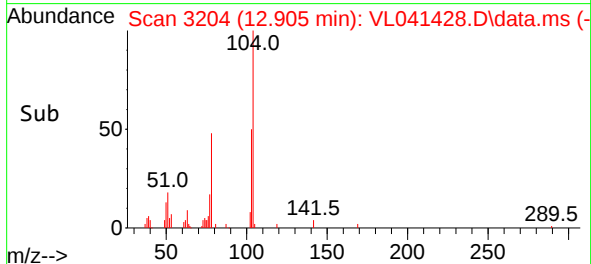
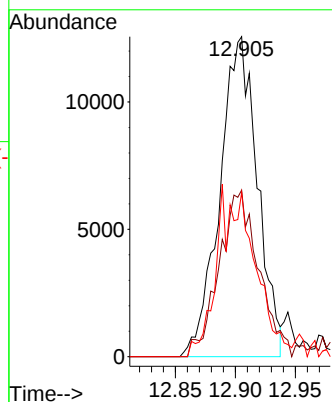
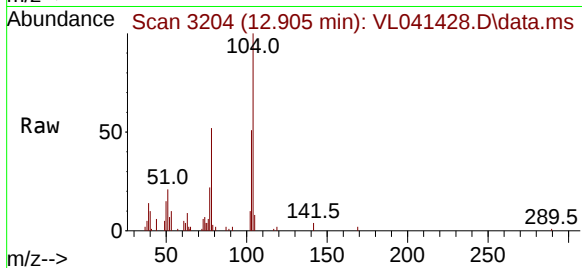
ACVI-SS-02DL

Tgt Ion:	104	Resp:	2743
Ion Ratio	Lower	Upper	
104	100		
78	56.3	40.8	61.2
103	55.5	38.2	57.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/30/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.165 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.010 min

Lab File: VL041428.D

Acq: 29 Jul 2024 14:15

Tgt Ion:	95	Resp:	2177698
Ion Ratio	Lower	Upper	
95	100		
174	70.3	56.3	84.5
175	5.2	4.0	6.0

