

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041070.D
 Acq On : 15 Feb 2024 14:11
 Operator : SY/MD
 Sample : P1490-04DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2024
 Supervised By :Mahesh Dadoda 02/20/2024

Quant Time: Feb 16 04:08:39 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Feb 16 04:05:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1109993	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2924174	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2439398	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1880783	10.208	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	68180	0.278	ppbv	98
3) Chlorodifluoromethane	2.655	51	44542	0.239	ppbv	100
4) Chloromethane	2.796	50	41803	0.597	ppbv	96
11) Trichlorofluoromethane	3.546	101	41297	0.209	ppbv #	73
13) Ethanol	3.240	45	42755	2.930	ppbv	85
15) Acetone	3.456	43	448487	3.160	ppbv	98
20) Methylene Chloride	3.919	84	441285	8.079	ppbv	98
26) Hexane	5.202	57	179554	1.637	ppbv #	39
34) 2-Butanone	4.790	43	23258m	0.167	ppbv	
35) Carbon Tetrachloride	6.478	117	12553m	0.064	ppbv	
36) Benzene	6.356	78	34988	0.145	ppbv #	88
53) Toluene	9.217	91	25377m	0.096	ppbv	

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

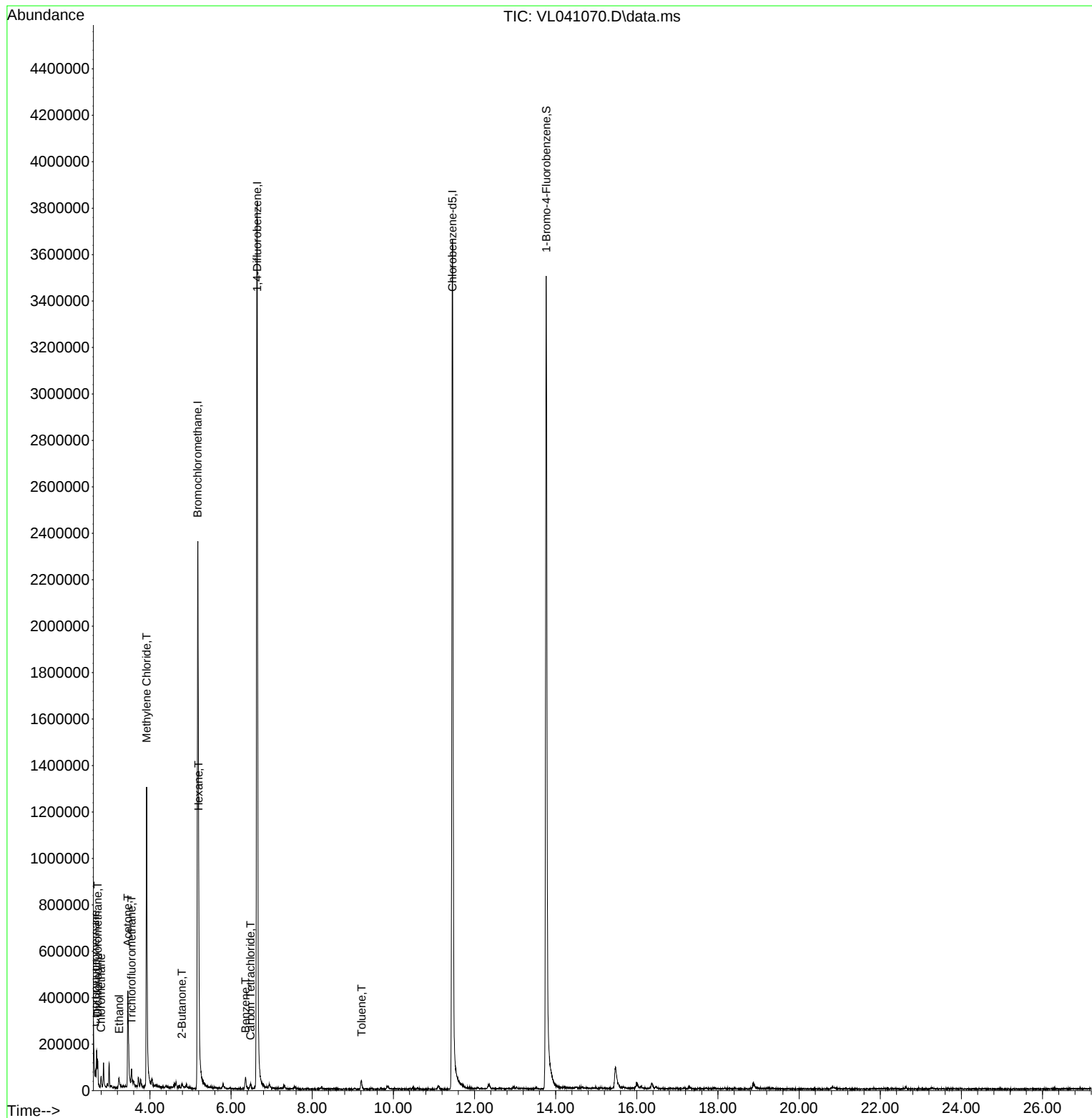
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
Data File : VL041070.D
Acq On : 15 Feb 2024 14:11
Operator : SY/MD
Sample : P1490-04DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

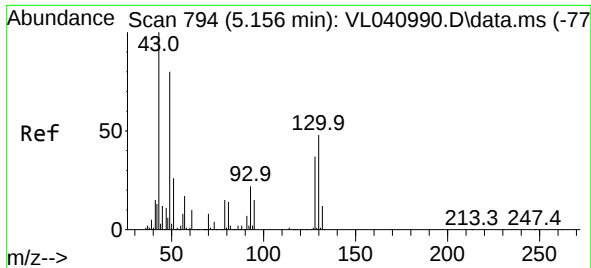
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP

Quant Time: Feb 16 04:08:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Feb 16 04:05:22 2024
Response via : Initial Calibration

Manual Integrations
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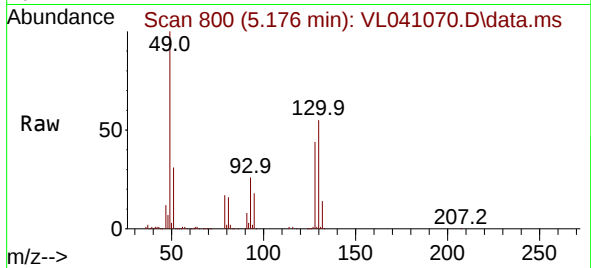
Reviewed By : Semsettin Yesilyurt 02/19/2024
Supervised By : Mahesh Dadoda 02/20/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

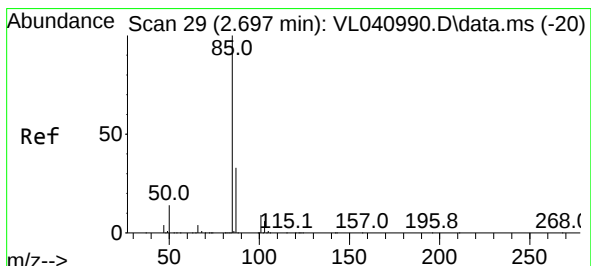
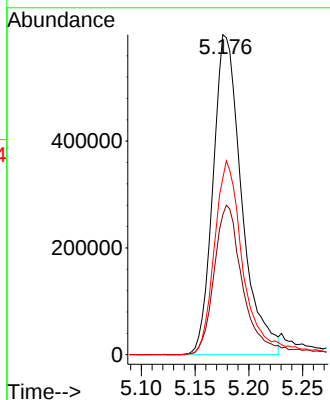
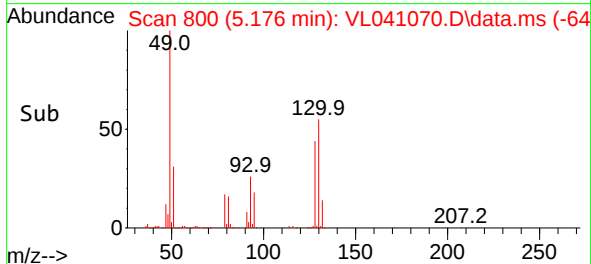
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP



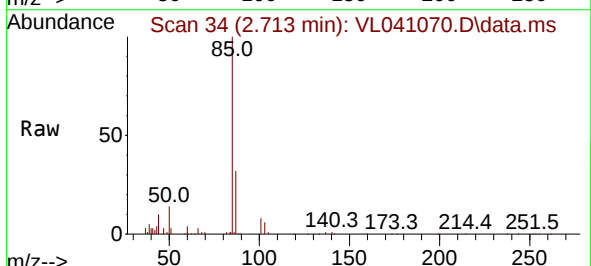
Tgt Ion: 49 Resp: 110999
Ion Ratio Lower Upper
49 100
128 50.0 23.9 71.7
130 63.7 31.1 93.5

Manual Integrations
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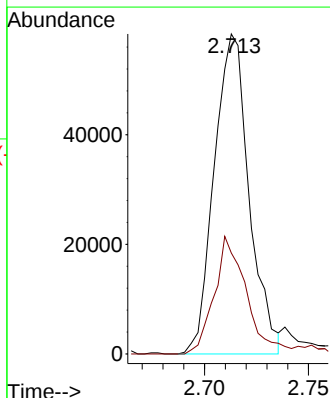
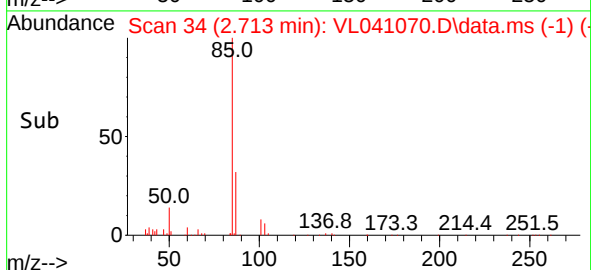
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024

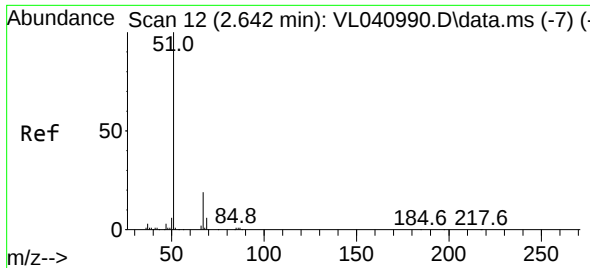


#2
Dichlorodifluoromethane
Concen: 0.278 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.007 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11



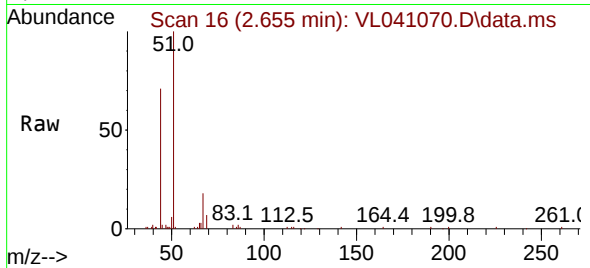
Tgt Ion: 85 Resp: 68180
Ion Ratio Lower Upper
85 100
87 31.6 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.239 ppbv
RT: 2.655 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

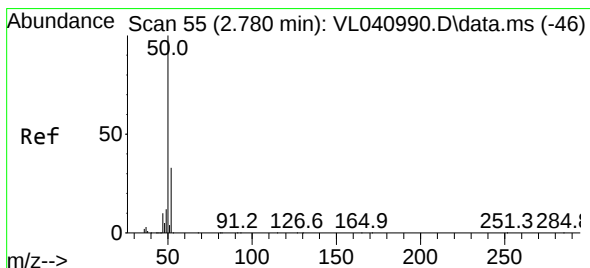
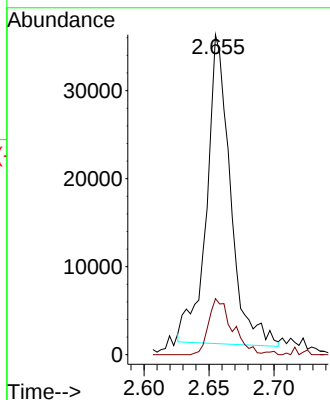
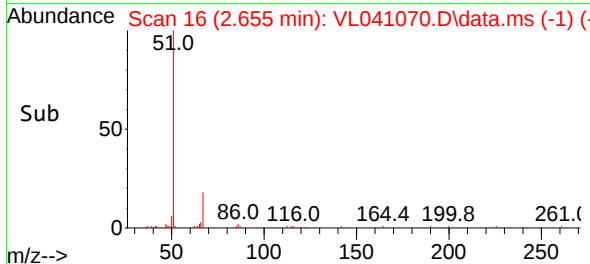
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP



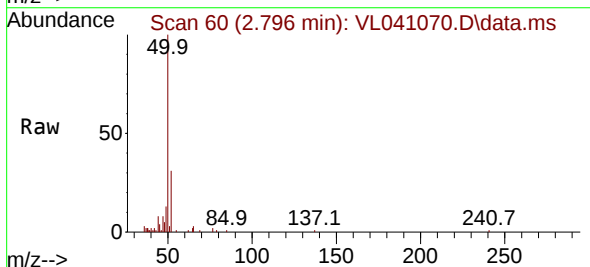
Tgt Ion: 51 Resp: 4454
Ion Ratio Lower Upper
51 100
67 18.6 14.8 22.2

Manual Integrations
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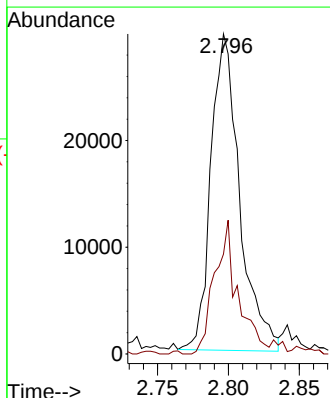
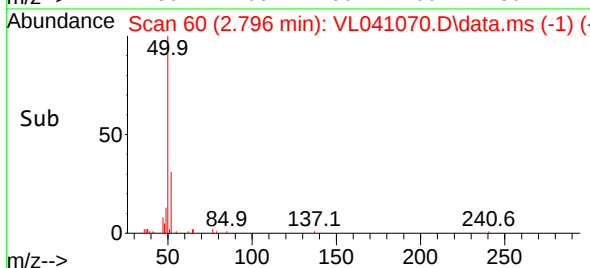
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024

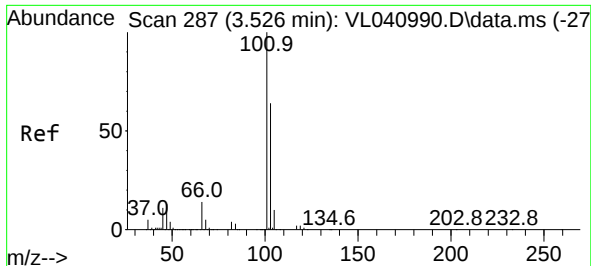


#4
Chloromethane
Concen: 0.597 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.007 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11



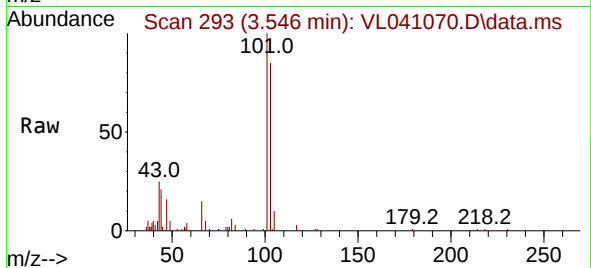
Tgt Ion: 50 Resp: 41803
Ion Ratio Lower Upper
50 100
52 30.7 26.2 39.4





#11
Trichlorofluoromethane
Concen: 0.209 ppbv
RT: 3.546 min Scan# 293
Delta R.T. 0.003 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

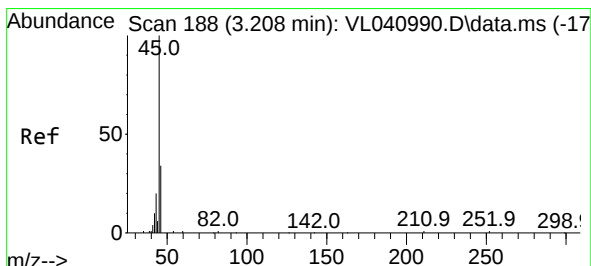
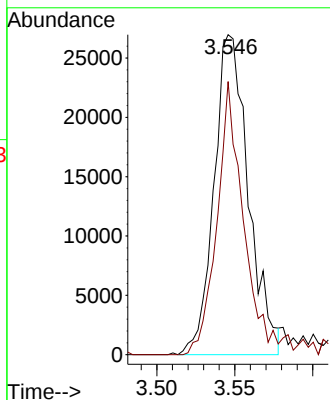
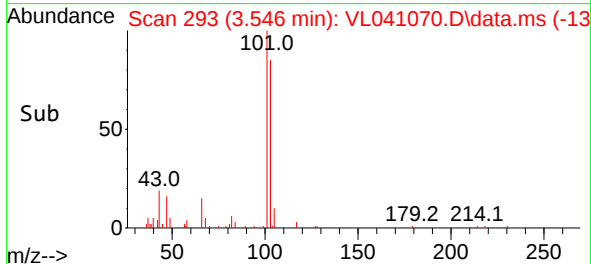
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP



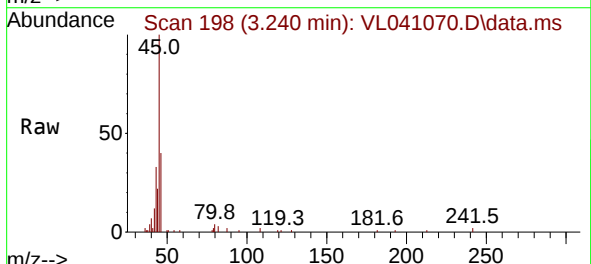
Tgt Ion:101 Resp: 41297
Ion Ratio Lower Upper
101 100
103 85.3 51.4 77.2

Manual Integrations
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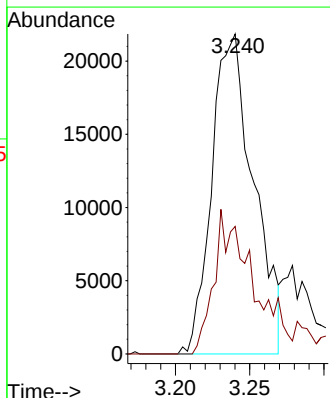
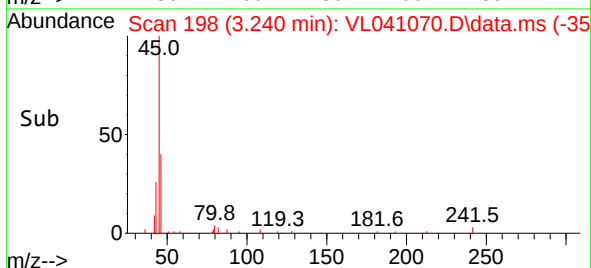
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024

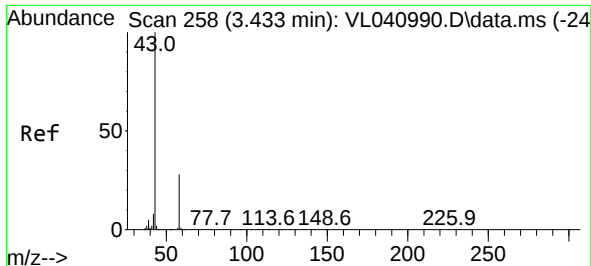


#13
Ethanol
Concen: 2.930 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.023 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11



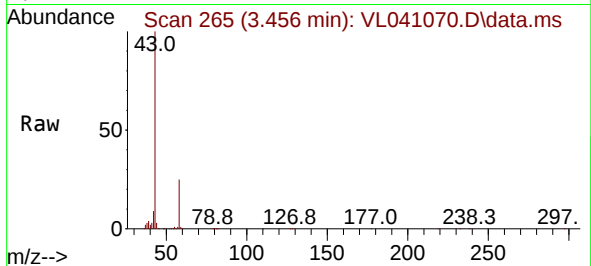
Tgt Ion: 45 Resp: 42755
Ion Ratio Lower Upper
45 100
46 49.6 16.2 64.8





#15
Acetone
Concen: 3.160 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

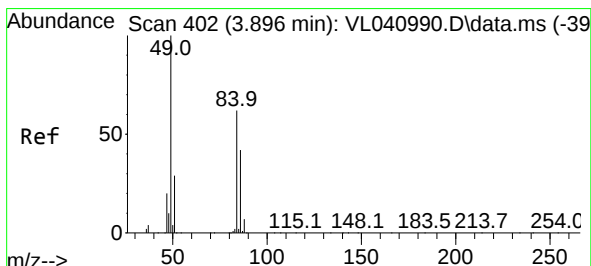
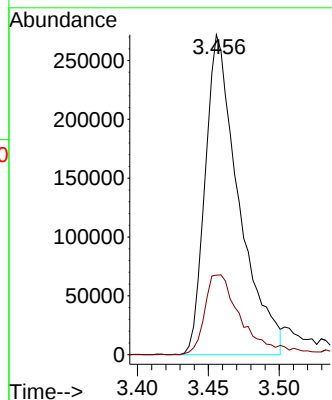
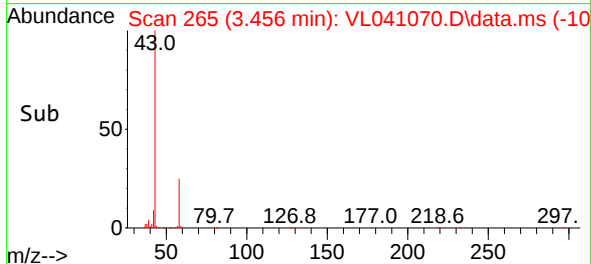
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP



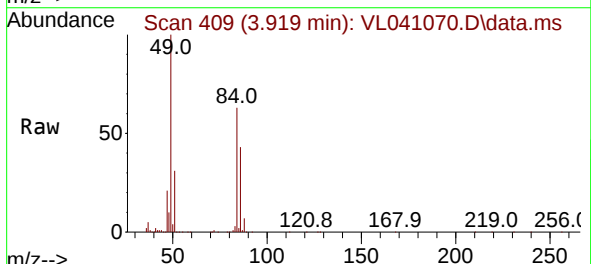
Tgt Ion: 43 Resp: 44848
Ion Ratio Lower Upper
43 100
58 28.6 22.2 33.2

Manual Integrations
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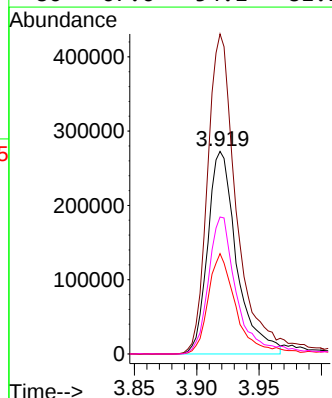
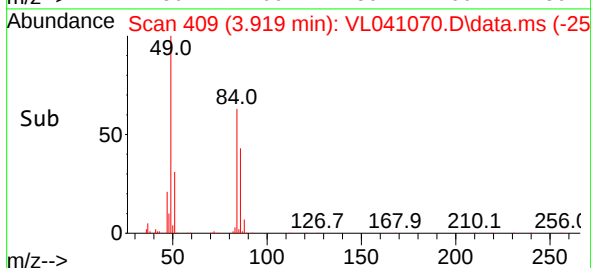
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024

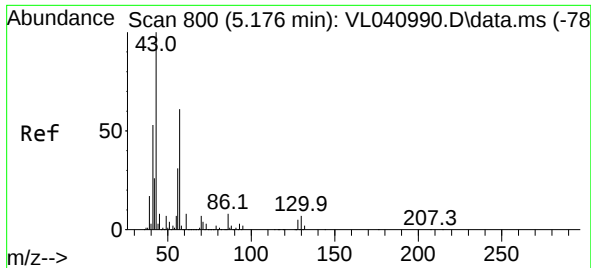


#20
Methylene Chloride
Concen: 8.079 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.007 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11



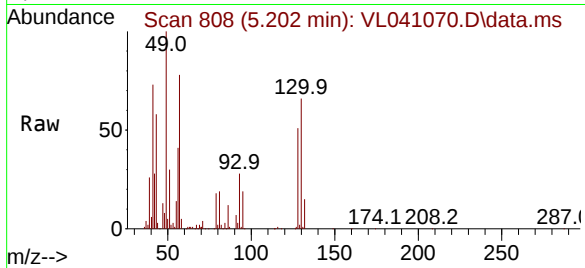
Tgt Ion: 84 Resp: 441285
Ion Ratio Lower Upper
84 100
49 157.7 128.1 192.1
51 49.3 36.5 54.7
86 67.6 54.1 81.1





#26
Hexane
Concen: 1.637 ppbv
RT: 5.202 min Scan# 800
Delta R.T. 0.007 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

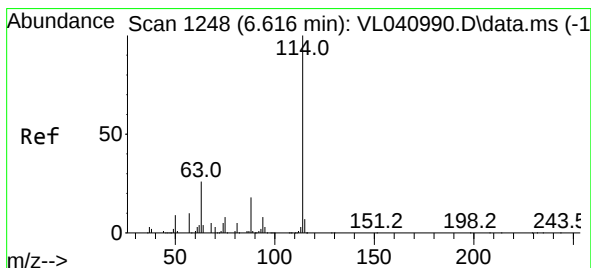
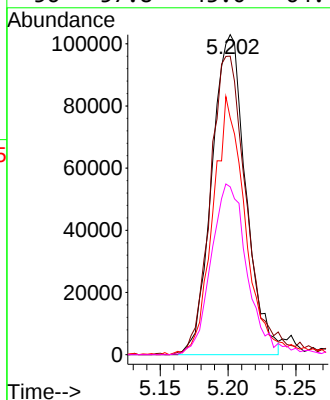
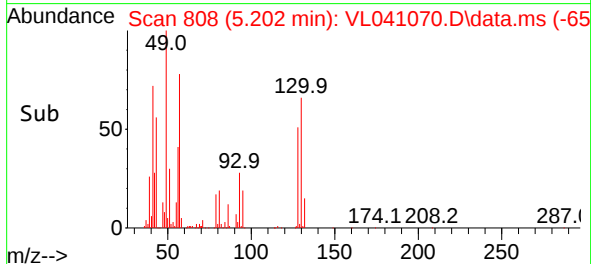
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP



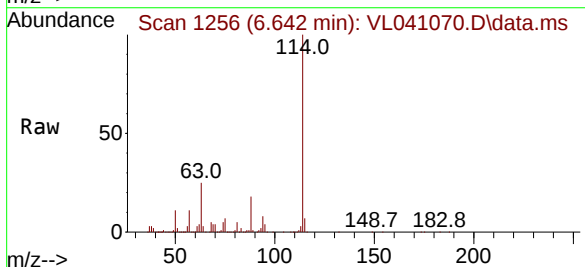
Tgt Ion: 57 Resp: 179554
Ion Ratio Lower Upper
57 100
41 101.5 74.4 111.6
43 78.5 190.6 285.8
56 57.8 43.0 64.4

Manual Integrations
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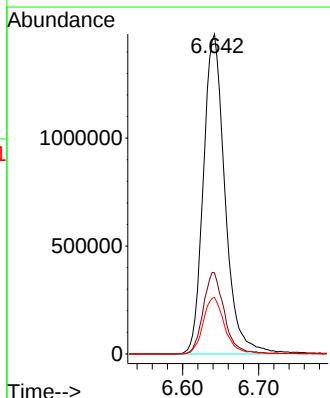
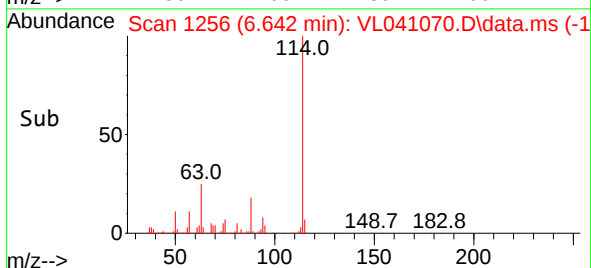
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024

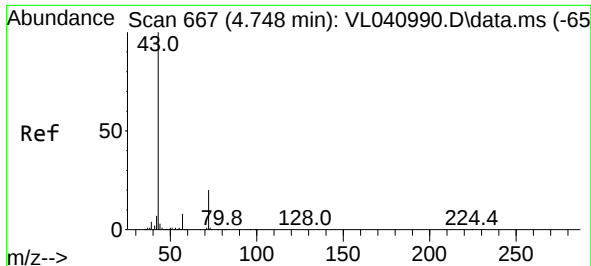


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11



Tgt Ion:114 Resp: 2924174
Ion Ratio Lower Upper
114 100
63 25.2 20.8 31.2
88 17.8 14.3 21.5





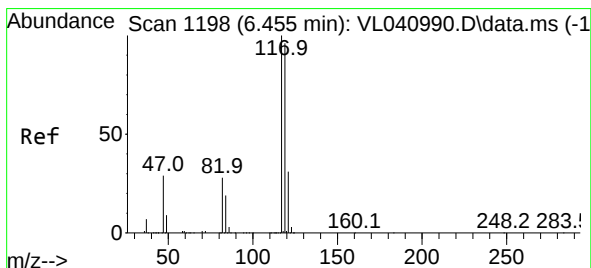
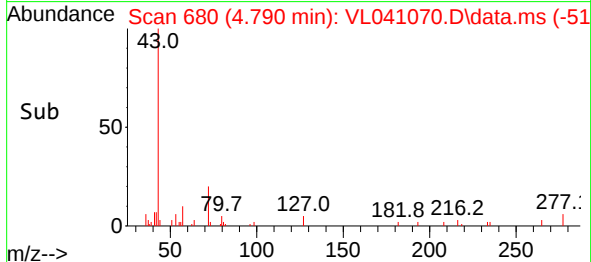
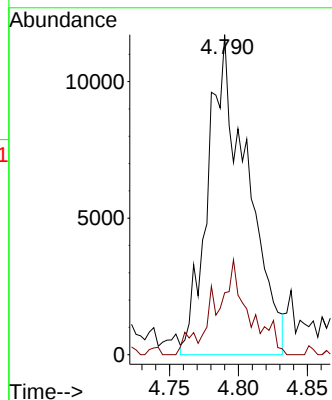
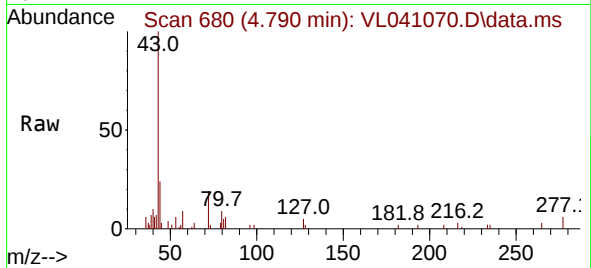
#34
2-Butanone
Concen: 0.167 ppbv m
RT: 4.790 min Scan# 61
Delta R.T. 0.023 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

Instrument :
MSVOA_L
ClientSampleId :
OA1DUP

Tgt Ion: 43 Resp: 23258
Ion Ratio Lower Upper
43 100
72 0.0 17.5 26.3

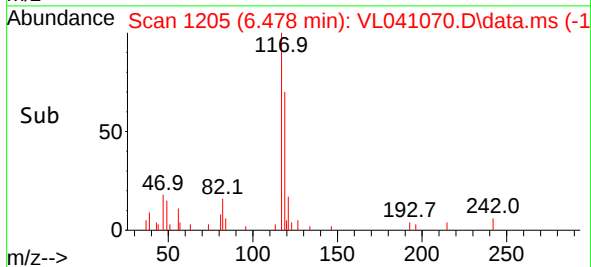
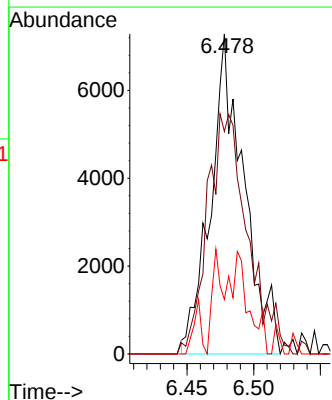
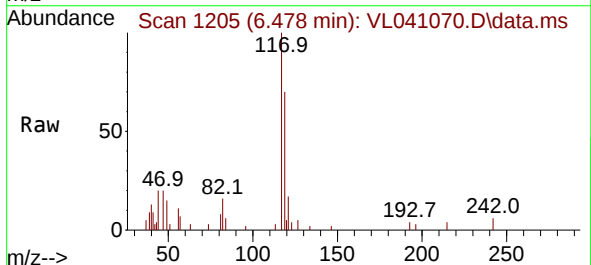
Manual Integrations
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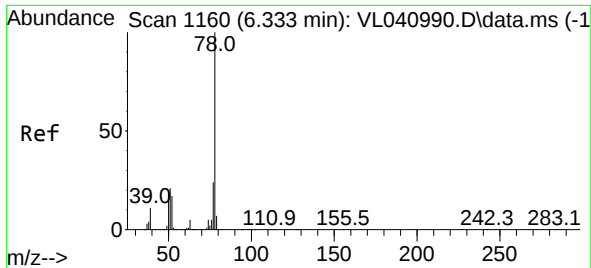
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024



#35
Carbon Tetrachloride
Concen: 0.064 ppbv m
RT: 6.478 min Scan# 1205
Delta R.T. 0.000 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

Tgt Ion:117 Resp: 12553
Ion Ratio Lower Upper
117 100
119 69.6 76.9 115.3#
121 17.0 24.7 37.1#





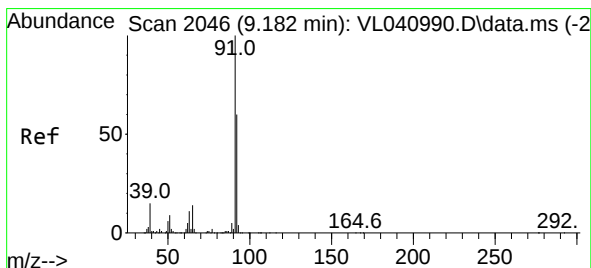
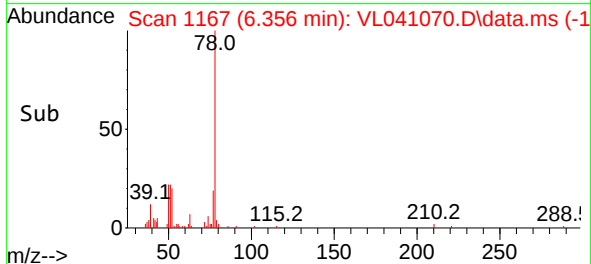
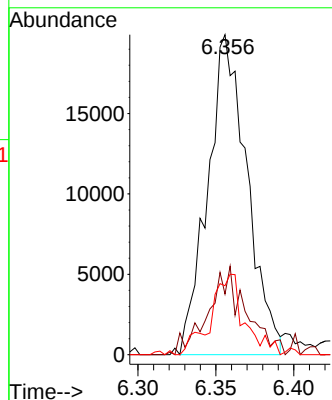
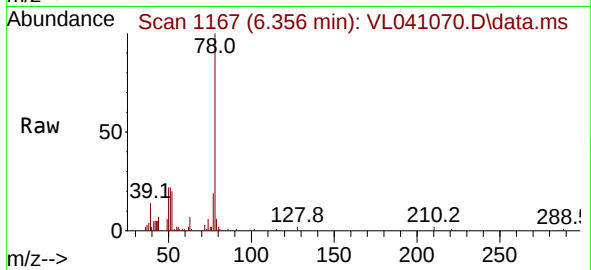
#36
Benzene
Concen: 0.145 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

Instrument :
MSVOA_L
ClientSampleId :
OA1DUP

Tgt Ion: 78 Resp: 3498
Ion Ratio Lower Upper
78 100
77 14.3 19.0 28.4
50 21.6 15.8 23.6

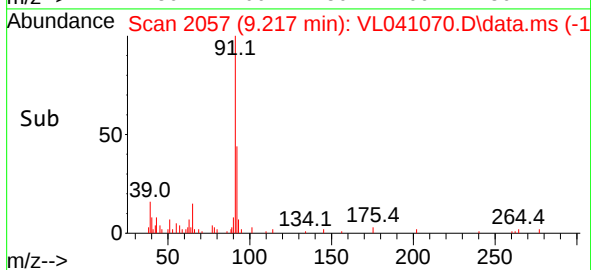
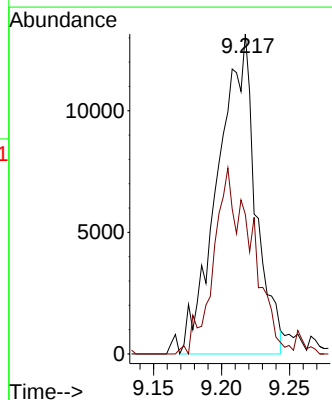
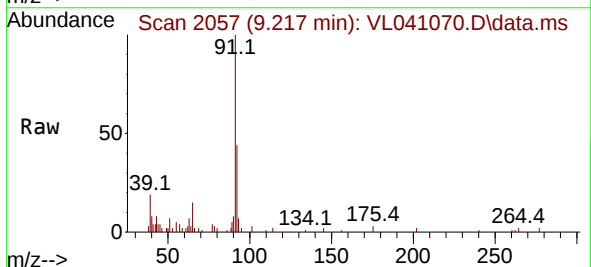
Manual Integrations
APPROVED

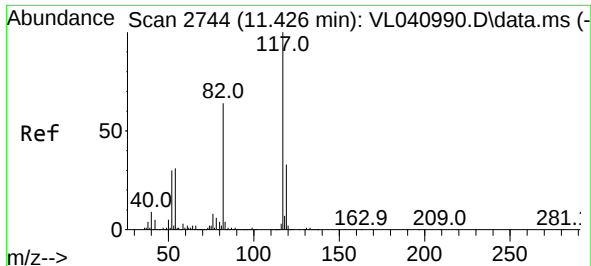
Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024



#53
Toluene
Concen: 0.096 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. 0.013 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

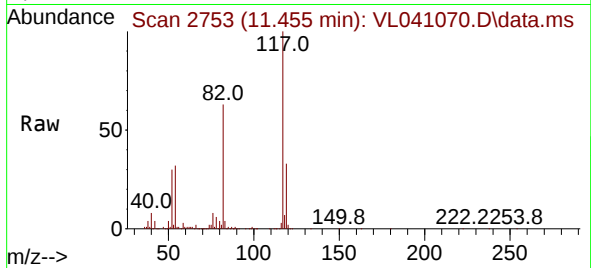
Tgt Ion: 91 Resp: 25377
Ion Ratio Lower Upper
91 100
92 61.0 48.6 72.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11

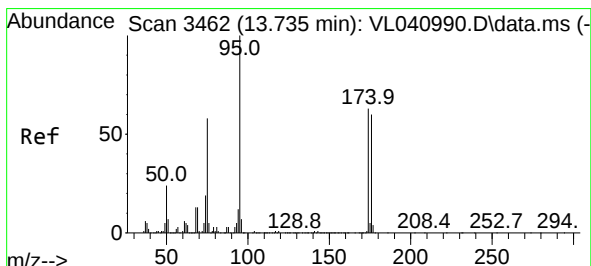
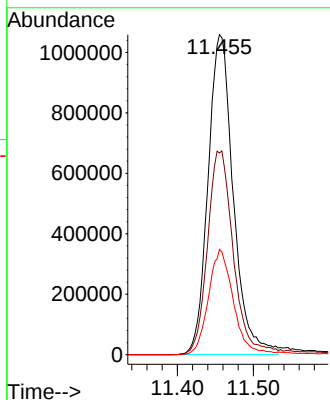
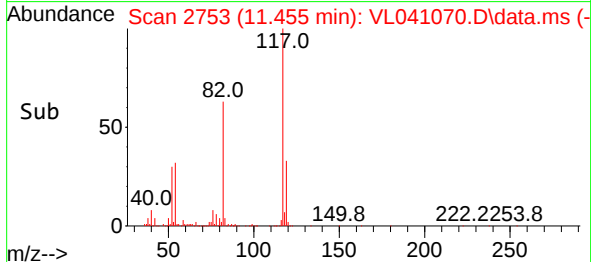
Instrument :
MSVOA_L
ClientSampleId :
OA1DUP



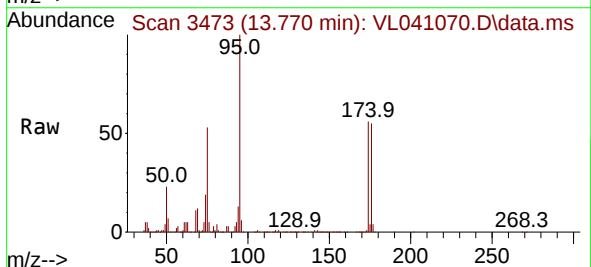
Tgt Ion: 117 Resp: 2439398
Ion Ratio Lower Upper
117 100
82 67.9 51.7 77.5
119 33.1 23.8 35.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2024
Supervised By :Mahesh Dadoda 02/20/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.208 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.010 min
Lab File: VL041070.D
Acq: 15 Feb 2024 14:11



Tgt Ion: 95 Resp: 1880783
Ion Ratio Lower Upper
95 100
174 61.9 49.1 73.7
175 4.4 3.7 5.5

