

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
 Data File : VL041043.D
 Acq On : 7 Feb 2024 16:40
 Operator : SY/MD
 Sample : P1393-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 02:45:35 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 : Thu Feb 08 02:04:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1243183	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3256946	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2850661	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2190216	10.172	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.639	51	23867	0.114	ppbv #	67
9) Propene	2.681	41	53935	0.786	ppbv	94
10) Heptane	7.558	43	34919m	0.207	ppbv	
13) Ethanol	3.250	45	12426m	0.760	ppbv	
15) Acetone	3.475	43	151663	0.954	ppbv	96
20) Methylene Chloride	3.915	84	72782	1.190	ppbv	94
25) Ethyl Acetate	5.192	43	54321	0.188	ppbv #	83
26) Hexane	5.192	57	66584m	0.542	ppbv	
32) 1,1,1-Trichloroethane	5.983	97	29021m	0.139	ppbv	
34) 2-Butanone	4.790	43	46682	0.301	ppbv	92
36) Benzene	6.356	78	15594m	0.058	ppbv	
53) Toluene	9.198	91	87843m	0.298	ppbv	

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

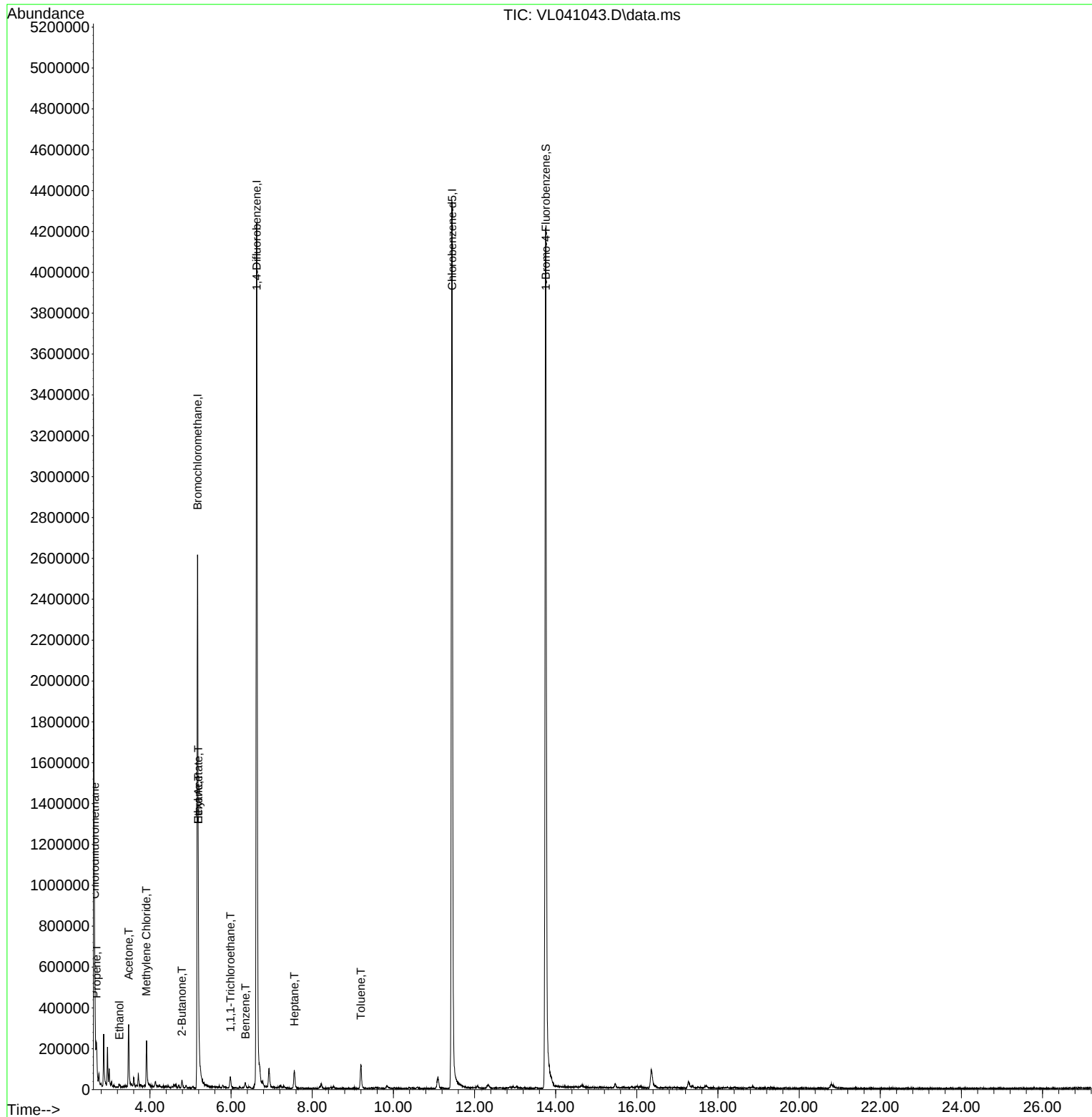
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
Data File : VL041043.D
Acq On : 7 Feb 2024 16:40
Operator : SY/MD
Sample : P1393-02DL 20X
Misc : 400mL/MSVOA_L
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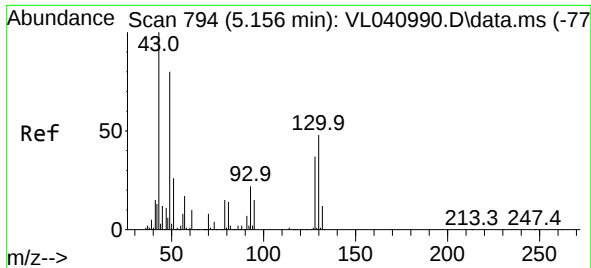
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Quant Time: Feb 08 02:45:35 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 : Thu Feb 08 02:04:13 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

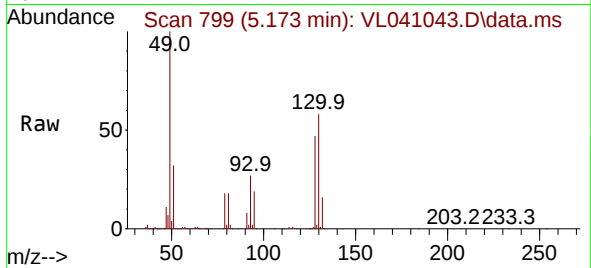
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 794
Delta R.T. 0.007 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

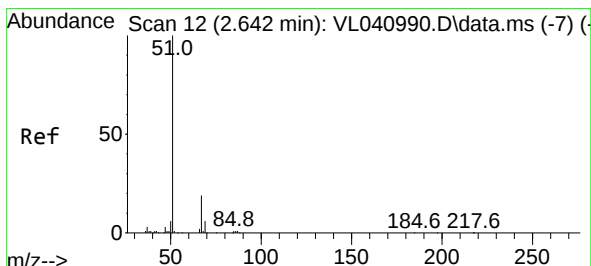
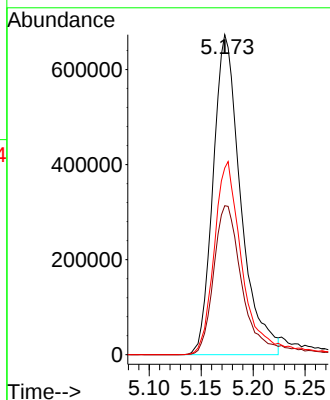
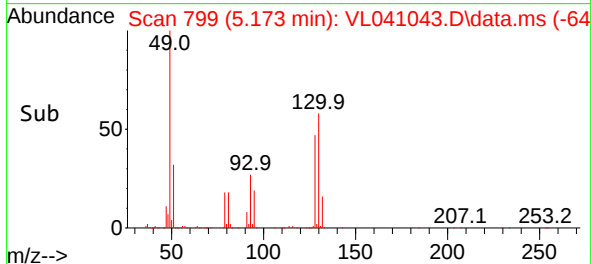
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



Tgt Ion: 49 Resp: 124318
Ion Ratio Lower Upper
49 100
128 50.7 23.9 71.7
130 64.2 31.1 93.5

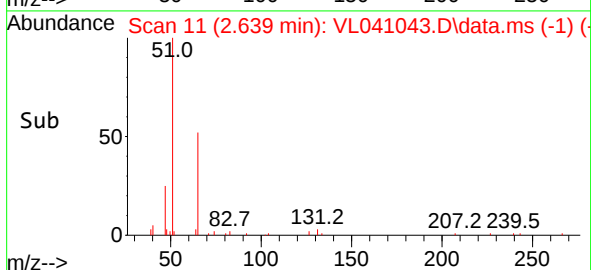
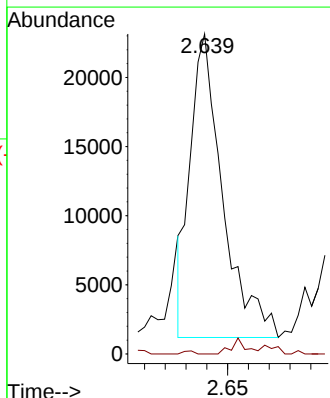
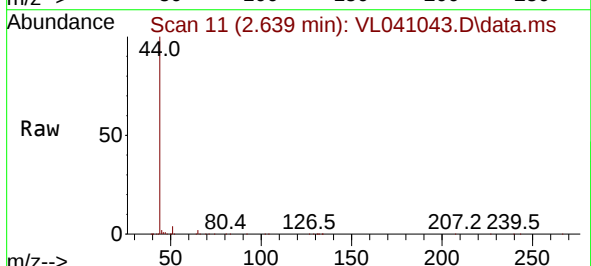
Manual Integrations
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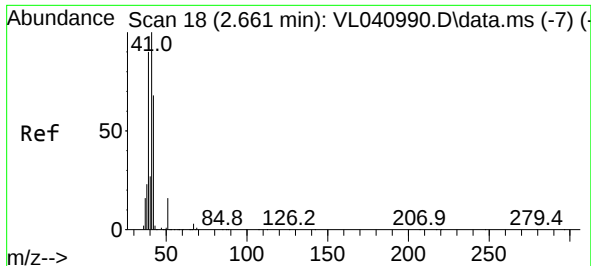
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#3
Chlorodifluoromethane
Concen: 0.114 ppbv
RT: 2.639 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

Tgt Ion: 51 Resp: 23867
Ion Ratio Lower Upper
51 100
67 3.7 14.8 22.2





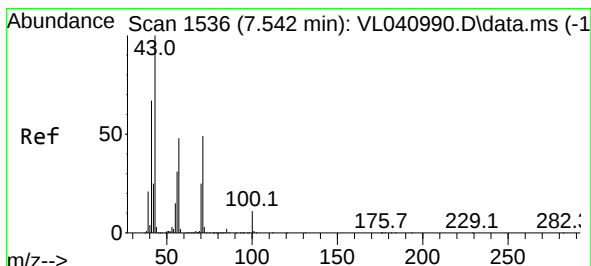
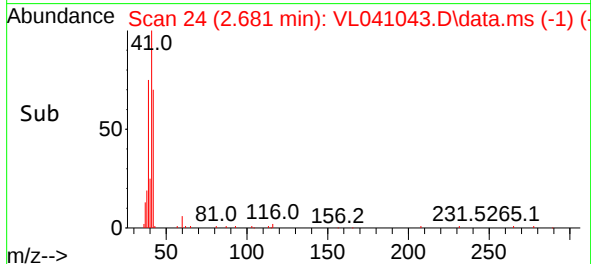
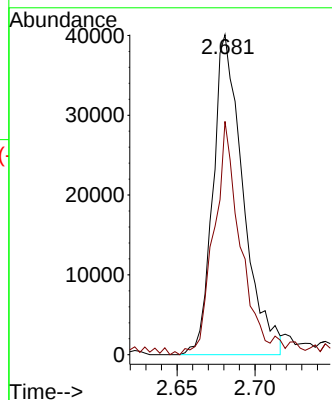
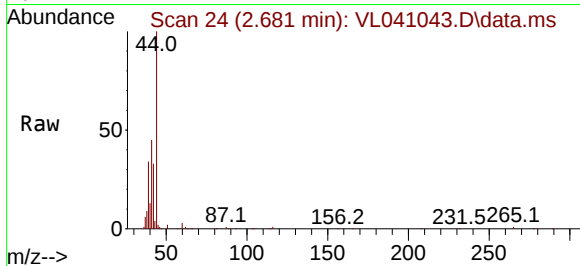
#9
 Propene
 Concen: 0.786 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.013 min
 Lab File: VL041043.D
 Acq: 7 Feb 2024 16:40

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Tgt Ion: 41 Resp: 5393
 Ion Ratio Lower Upper
 41 100
 42 68.4 59.0 88.4

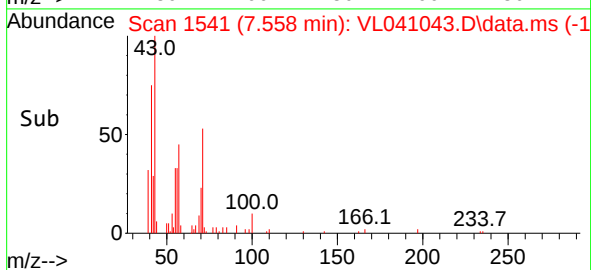
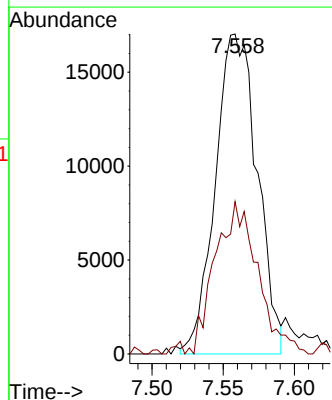
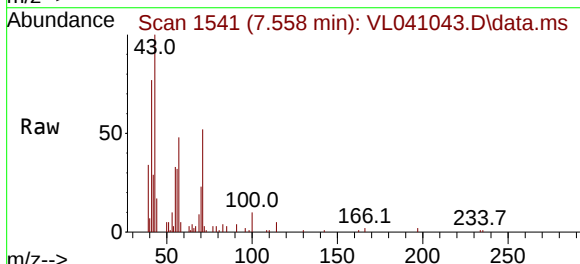
Manual Integrations
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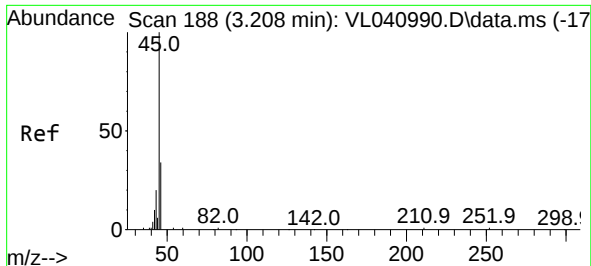
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#10
 Heptane
 Concen: 0.207 ppbv m
 RT: 7.558 min Scan# 1541
 Delta R.T. 0.007 min
 Lab File: VL041043.D
 Acq: 7 Feb 2024 16:40

Tgt Ion: 43 Resp: 34919
 Ion Ratio Lower Upper
 43 100
 57 49.7 39.4 59.2





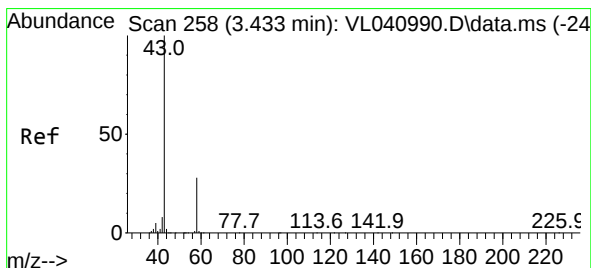
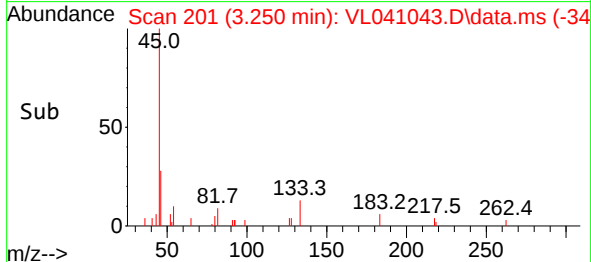
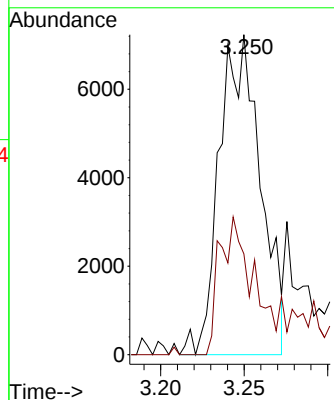
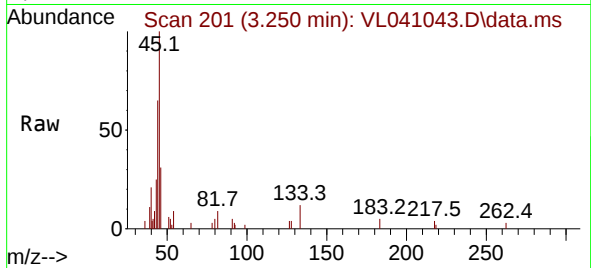
#13
Ethanol
Concen: 0.760 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.036 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 45 Resp: 12420
Ion Ratio Lower Upper
45 100
46 0.0 16.2 64.8

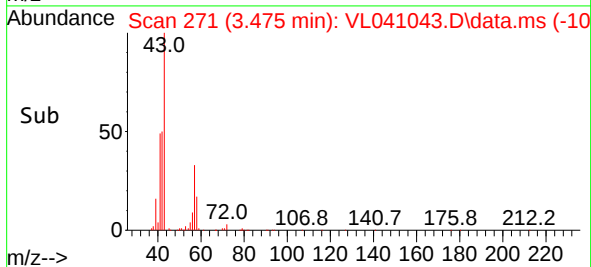
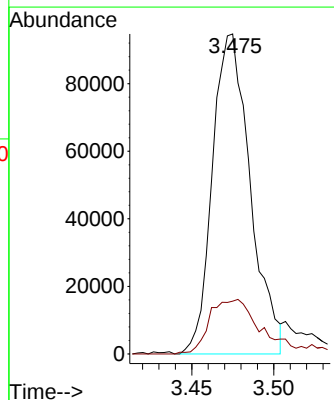
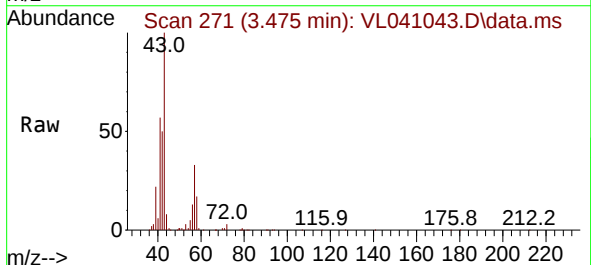
Manual Integrations
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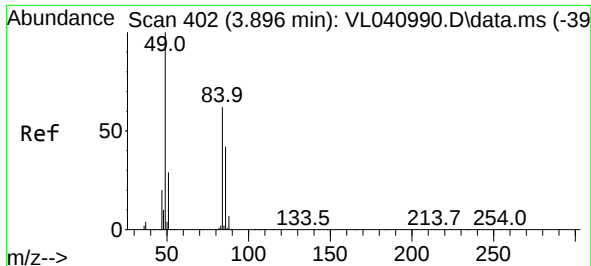
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#15
Acetone
Concen: 0.954 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.036 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

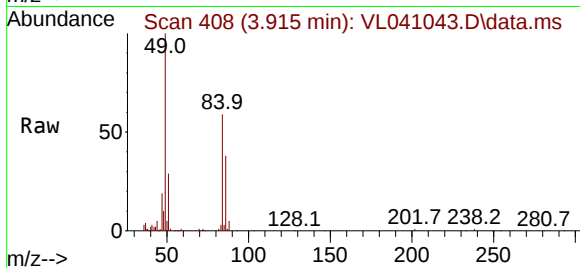
Tgt Ion: 43 Resp: 151663
Ion Ratio Lower Upper
43 100
58 25.6 22.2 33.2





#20
Methylene Chloride
Concen: 1.190 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.010 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

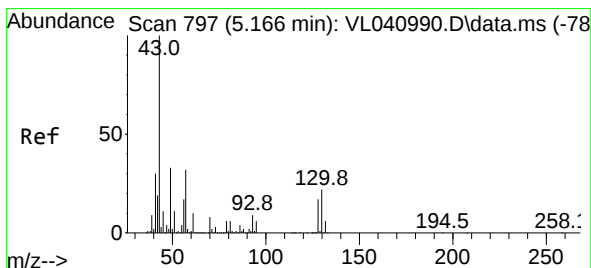
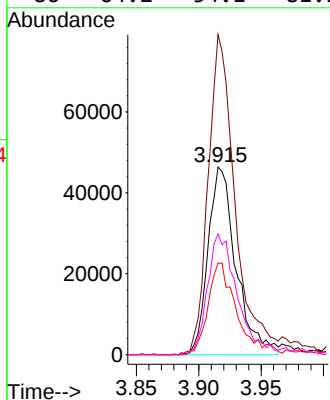
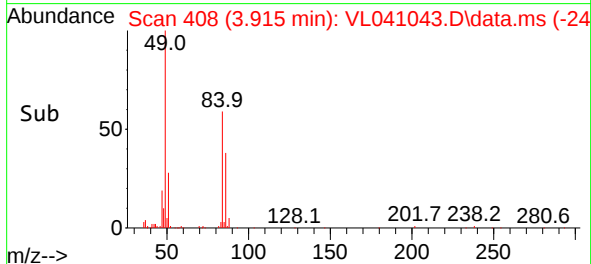
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



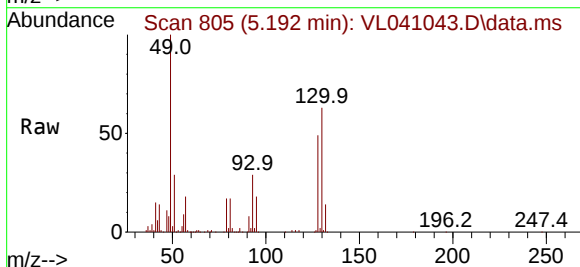
Tgt Ion: 84 Resp: 7278
Ion Ratio Lower Upper
84 100
49 170.4 128.1 192.1
51 48.8 36.5 54.7
86 64.2 54.1 81.1

Manual Integrations
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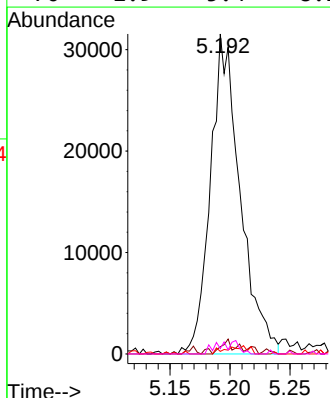
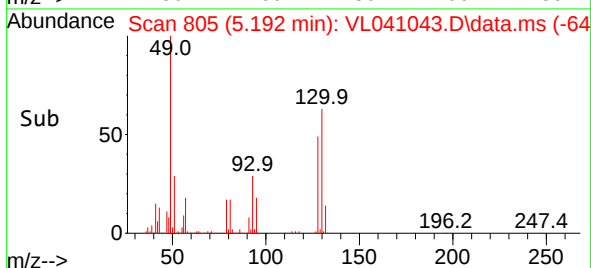
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

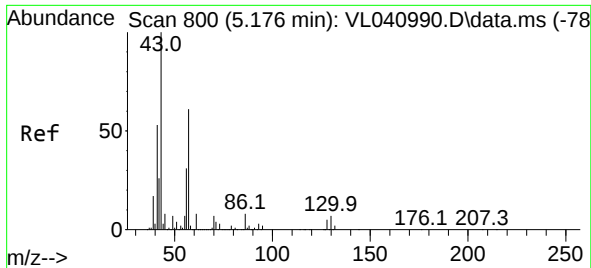


#25
Ethyl Acetate
Concen: 0.188 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40



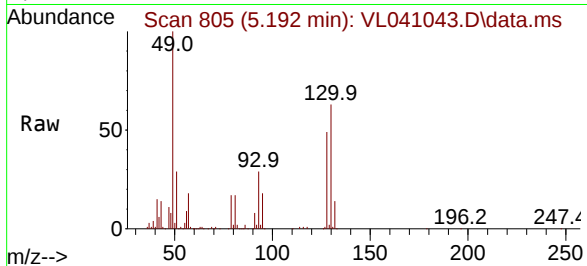
Tgt Ion: 43 Resp: 54321
Ion Ratio Lower Upper
43 100
45 4.0 8.2 12.4#
61 1.9 7.9 11.9#
70 2.9 5.4 8.2#





#26
Hexane
Concen: 0.542 ppbv m
RT: 5.192 min Scan# 805
Delta R.T. 0.007 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

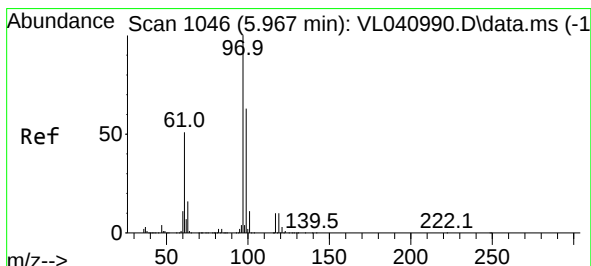
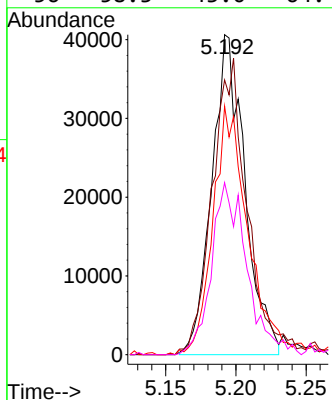
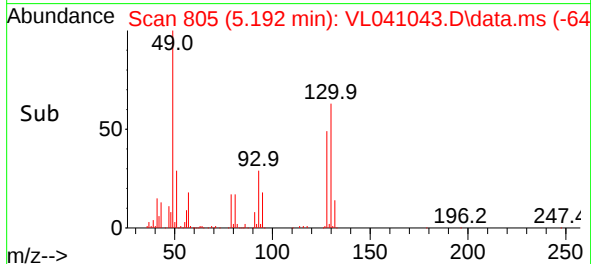
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



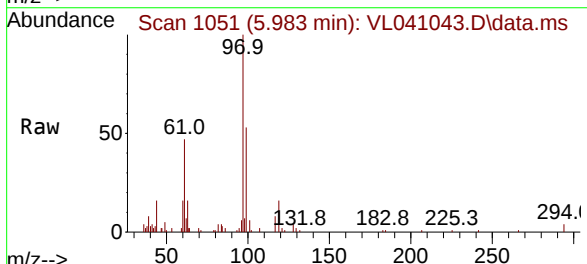
Tgt Ion: 57 Resp: 66584
Ion Ratio Lower Upper
57 100
41 0.0 74.4 111.6
43 83.4 190.6 285.8
56 58.3 43.0 64.4

Manual Integrations
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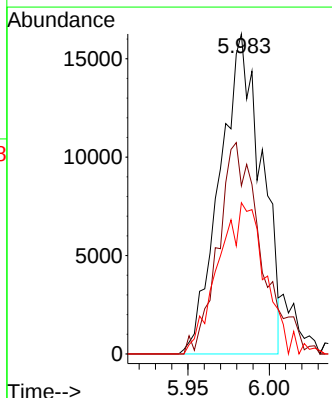
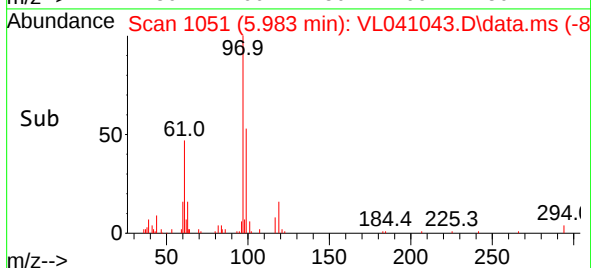
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

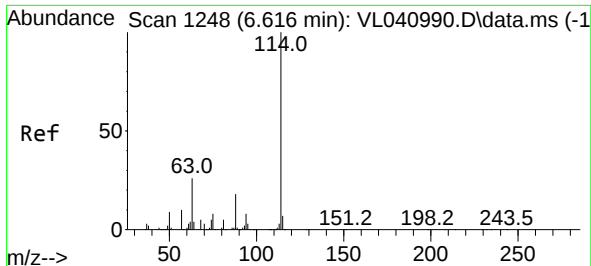


#32
1,1,1-Trichloroethane
Concen: 0.139 ppbv m
RT: 5.983 min Scan# 1051
Delta R.T. 0.007 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40



Tgt Ion: 97 Resp: 29021
Ion Ratio Lower Upper
97 100
99 68.4 51.5 77.3
61 53.6 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041043.D

Acq: 7 Feb 2024 16:40

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tgt Ion:114 Resp: 325694

Ion Ratio Lower Upper

114 100

63 25.5 20.8 31.2

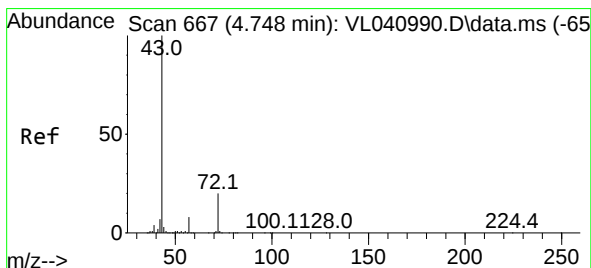
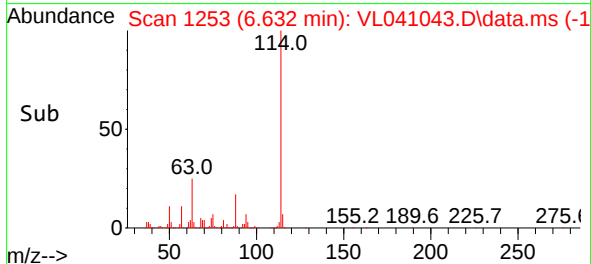
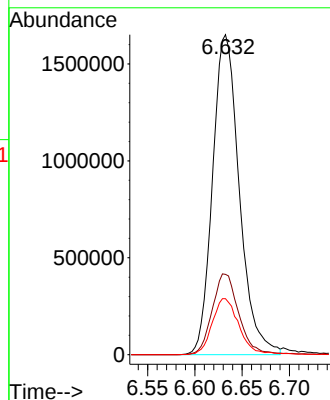
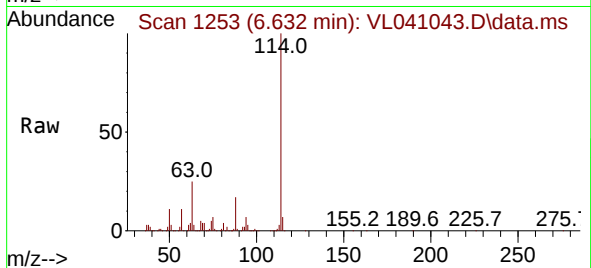
88 17.7 14.3 21.5

Manual Integrations

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#34

2-Butanone

Concen: 0.301 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.032 min

Lab File: VL041043.D

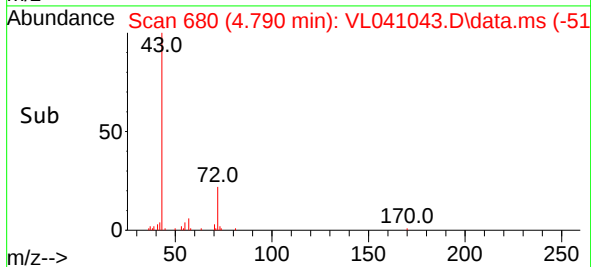
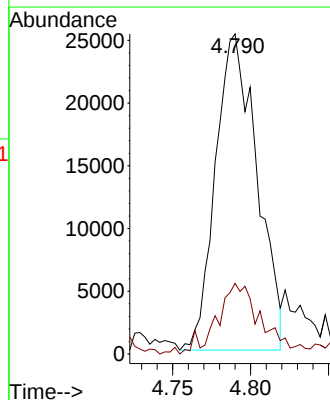
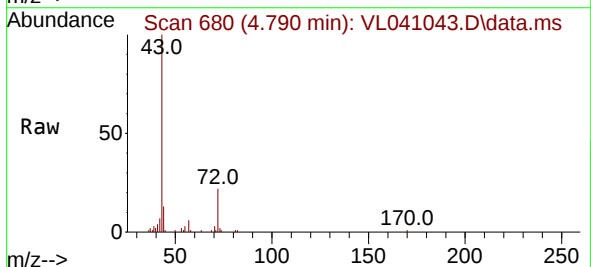
Acq: 7 Feb 2024 16:40

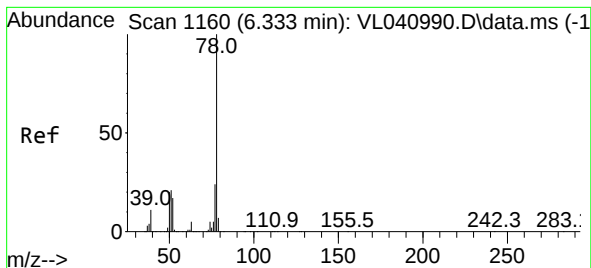
Tgt Ion: 43 Resp: 46682

Ion Ratio Lower Upper

43 100

72 25.9 17.5 26.3





#36

Benzene

Concen: 0.058 ppbv m

RT: 6.356 min Scan# 1160

Delta R.T. 0.013 min

Lab File: VL041043.D

Acq: 7 Feb 2024 16:40

Instrument :

MSVOA_L

ClientSampleId :

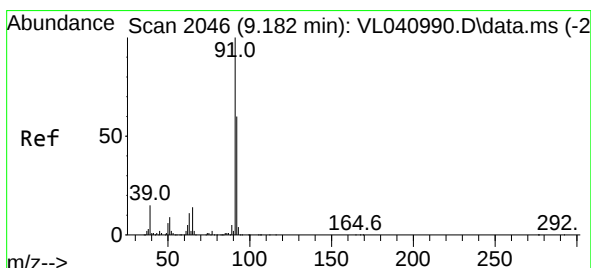
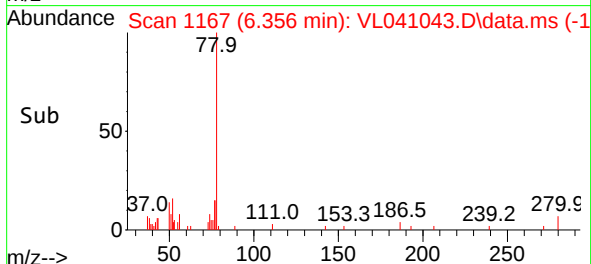
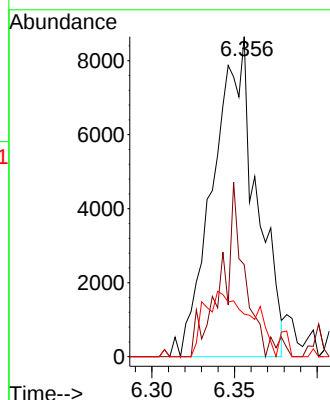
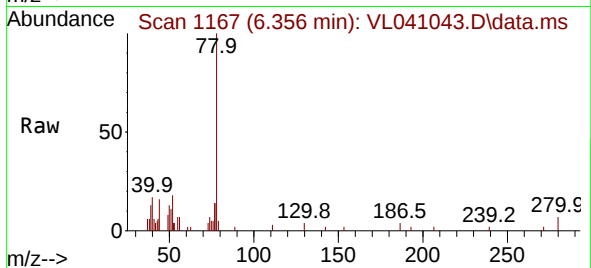
SV-1DL

Tgt Ion:	78	Resp:	15594
Ion	Ratio	Lower	Upper
78	100		
77	14.4	19.0	28.4
50	13.3	15.8	23.6

Manual Integrations

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#53

Toluene

Concen: 0.298 ppbv m

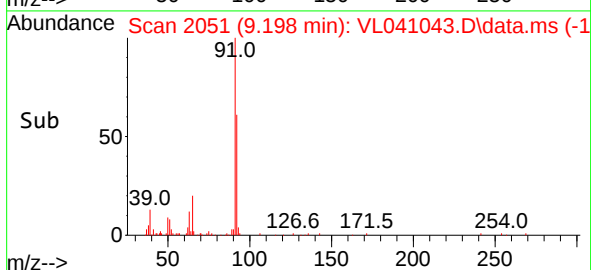
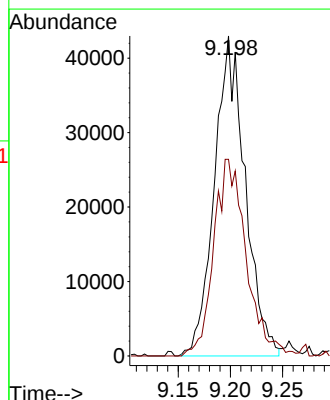
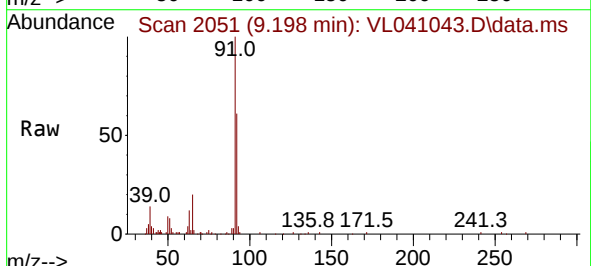
RT: 9.198 min Scan# 2051

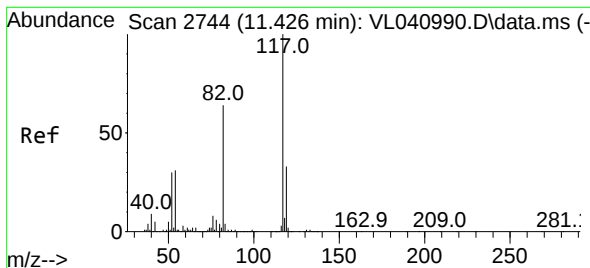
Delta R.T. 0.003 min

Lab File: VL041043.D

Acq: 7 Feb 2024 16:40

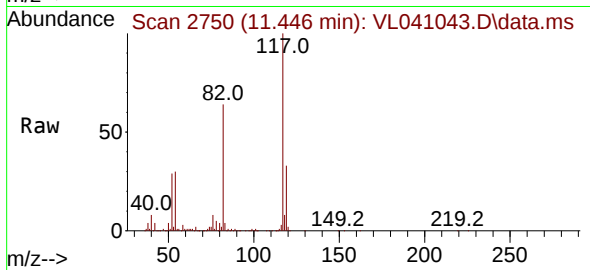
Tgt Ion:	91	Resp:	87843
Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.6	72.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40

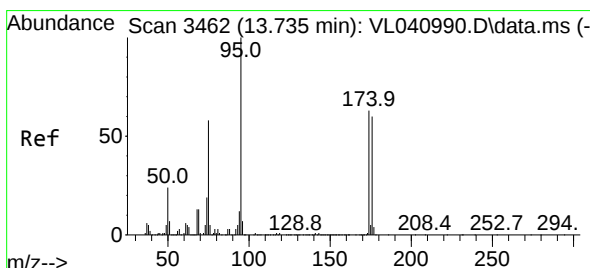
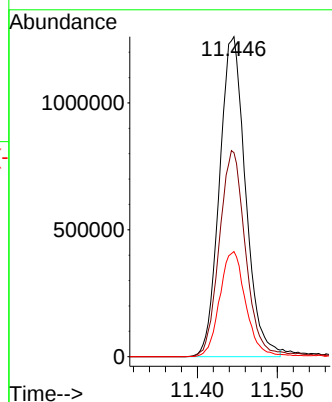
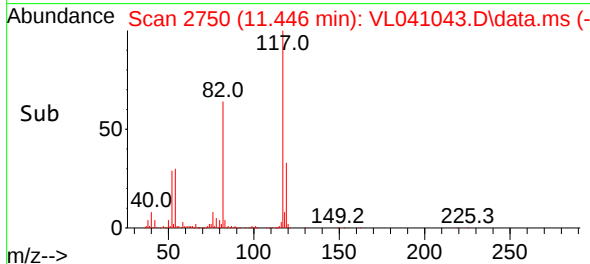
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL



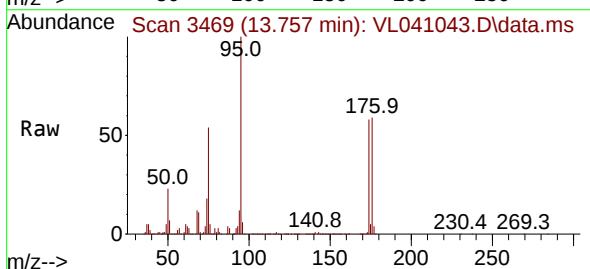
Tgt Ion:117 Resp: 285066
Ion Ratio Lower Upper
117 100
82 66.3 51.7 77.5
119 33.3 23.8 35.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.172 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.010 min
Lab File: VL041043.D
Acq: 7 Feb 2024 16:40



Tgt Ion: 95 Resp: 2190216
Ion Ratio Lower Upper
95 100
174 62.5 49.1 73.7
175 4.6 3.7 5.5

