

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041743.D
 Acq On : 12 Dec 2024 10:32
 Operator : SY/MD
 Sample : P5150-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 16:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.771	49	249625	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.936	114	1199945	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.862	117	1042032	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	694234	10.134	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.492	85	5379	0.123	ppbv	98
4) Chloromethane	1.525	50	1379	0.119	ppbv #	69
9) Propene	1.476	41	3096	0.214	ppbv	91
10) Heptane	4.949	43	3682m	0.092	ppbv	
13) Ethanol	1.712	45	5447	4.545	ppbv #	34
15) Acetone	1.826	43	21235	0.737	ppbv	92
19) Isopropyl Alcohol	1.878	45	9733	0.356	ppbv #	33
20) Methylene Chloride	2.052	84	11660	0.668	ppbv	96
26) Hexane	2.813	57	20949	0.539	ppbv #	44
29) Chloroform	2.832	83	19476	0.327	ppbv	90
34) 2-Butanone	2.548	43	10130	0.241	ppbv	98
38) Trichloroethene	4.525	130	37620	0.769	ppbv	96
52) Tetrachloroethene	8.205	164	105982	2.120	ppbv	97
53) Toluene	6.911	91	16938m	0.146	ppbv	

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

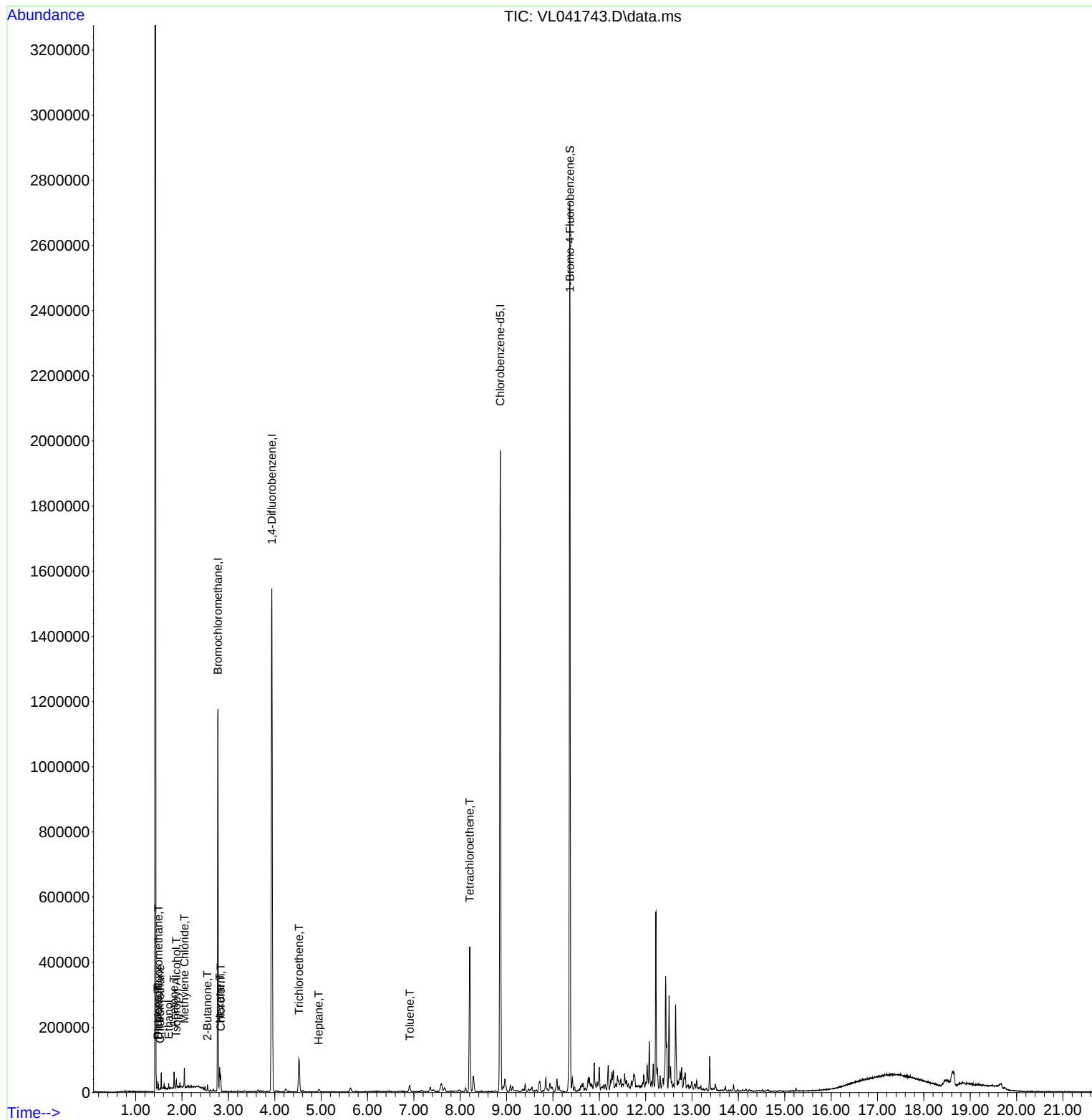
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041743.D
Acq On : 12 Dec 2024 10:32
Operator : SY/MD
Sample : P5150-05 4X
Misc : 400mL/MSVOA_L
ALS Vial : 11 Sample Multiplier: 1

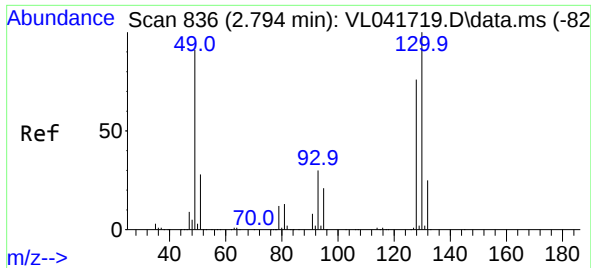
Instrument :
MSVOA_L
ClientSampleId :
SV4

Quant Time: Dec 12 16:06:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

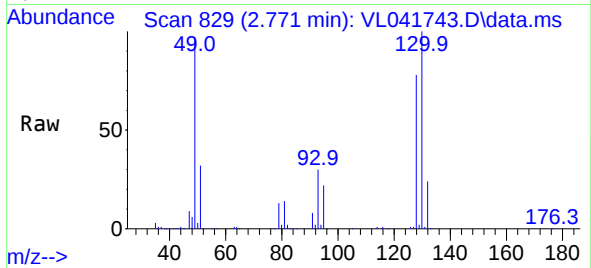
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.771 min Scan# 81
Delta R.T. -0.023 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

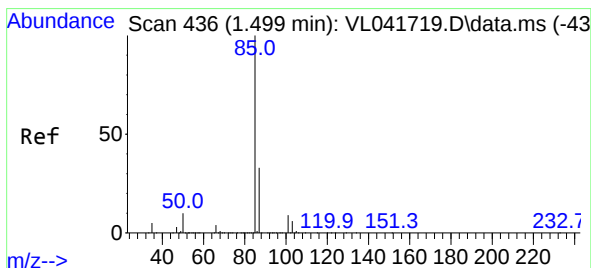
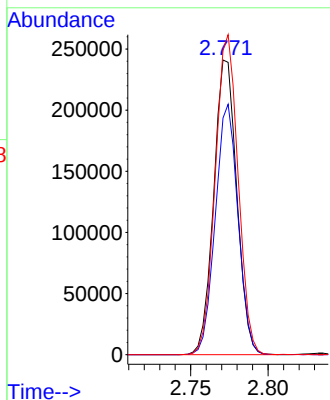
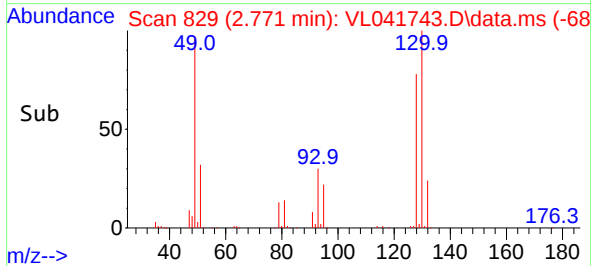
Instrument :
MSVOA_L
ClientSampleId :
SV4



Tgt Ion: 49 Resp: 24962
Ion Ratio Lower Upper
49 100
128 83.5 42.8 128.3
130 107.7 55.8 167.4

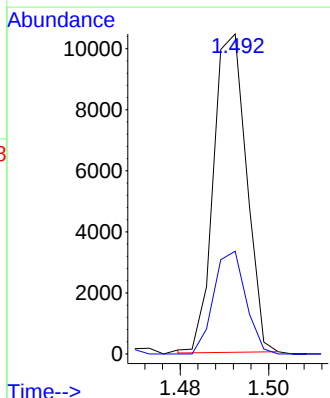
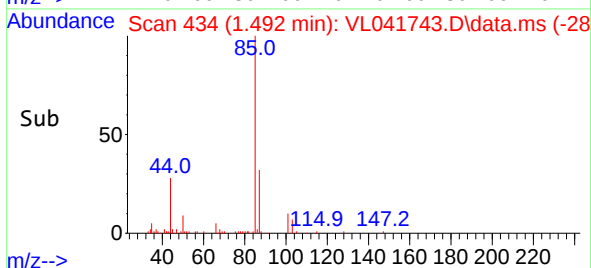
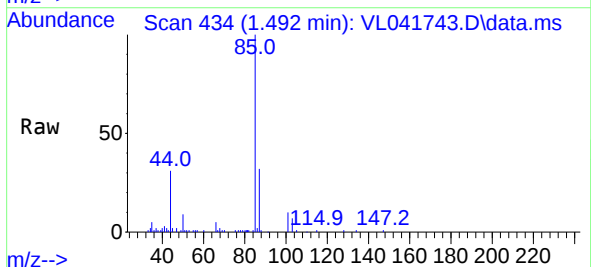
Manual Integrations
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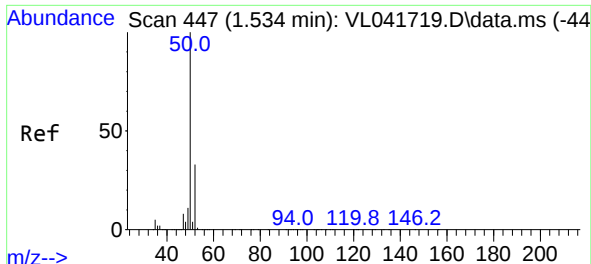
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.006 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

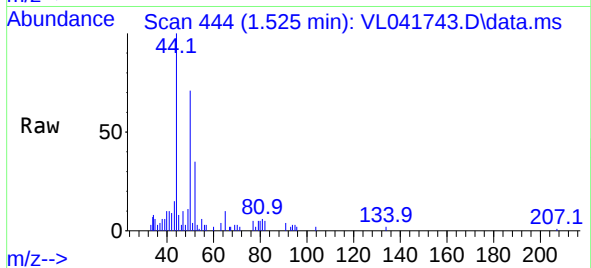
Tgt Ion: 85 Resp: 5379
Ion Ratio Lower Upper
85 100
87 32.3 26.6 39.8





#4
Chloromethane
Concen: 0.119 ppbv
RT: 1.525 min Scan# 447
Delta R.T. -0.010 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

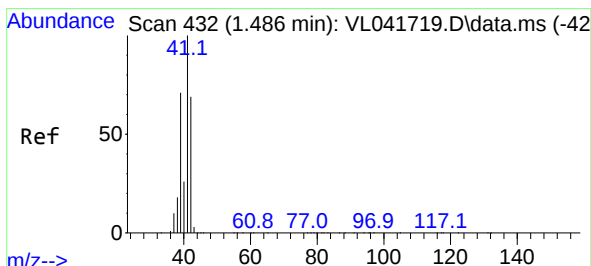
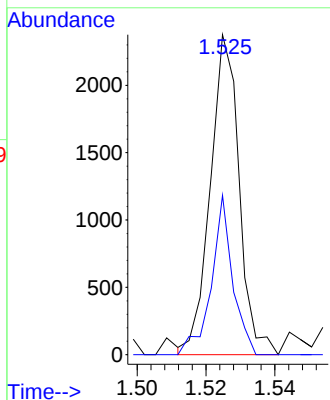
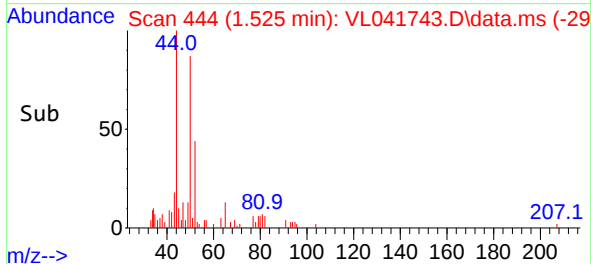
Instrument :
MSVOA_L
ClientSampleId :
SV4



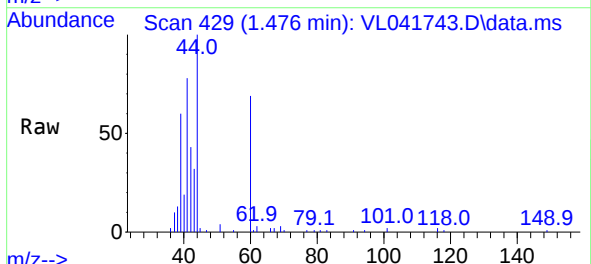
Tgt Ion: 50 Resp: 1379
Ion Ratio Lower Upper
50 100
52 51.0 26.6 40.0

Manual Integrations
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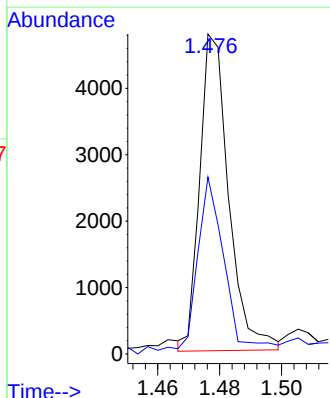
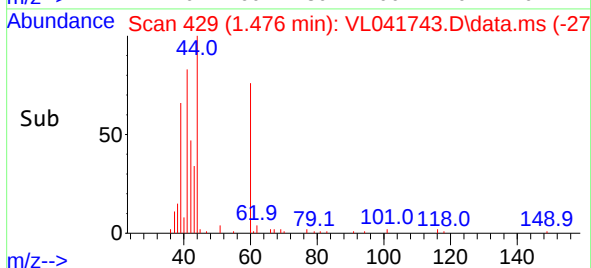
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

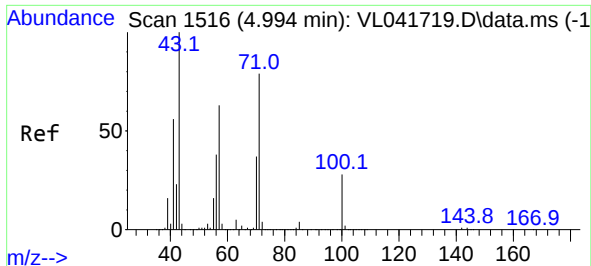


#9
Propene
Concen: 0.214 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.010 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32



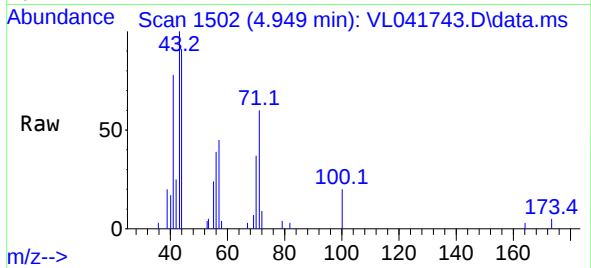
Tgt Ion: 41 Resp: 3096
Ion Ratio Lower Upper
41 100
42 62.8 56.2 84.4





#10
Heptane
Concen: 0.092 ppbv m
RT: 4.949 min Scan# 11
Delta R.T. -0.045 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

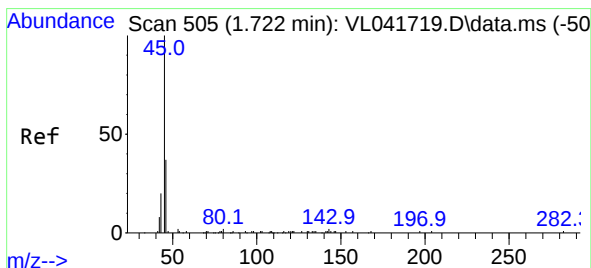
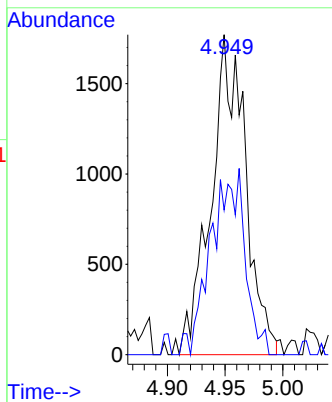
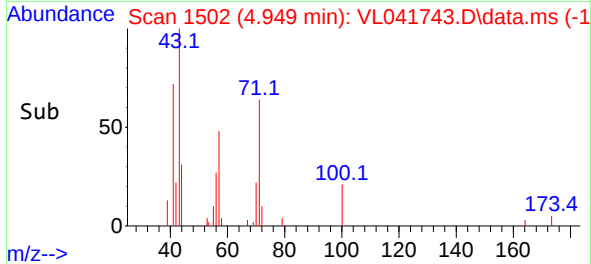
Instrument :
MSVOA_L
ClientSampleId :
SV4



Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
57 0.0 50.5 75.7

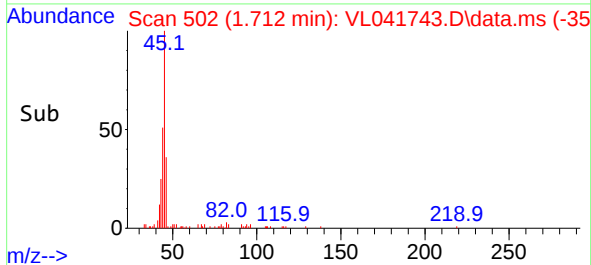
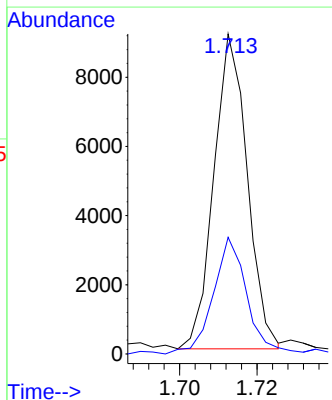
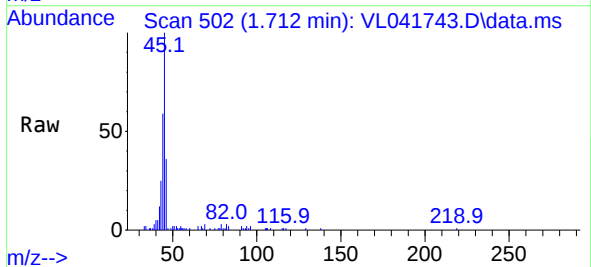
Manual Integrations
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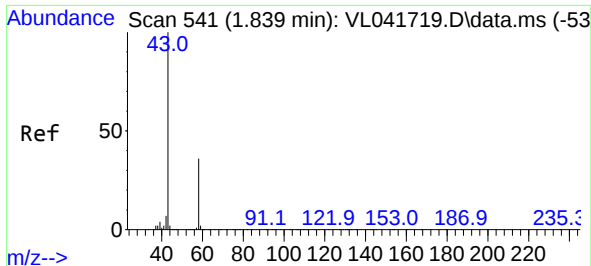
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#13
Ethanol
Concen: 4.545 ppbv
RT: 1.712 min Scan# 502
Delta R.T. -0.010 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

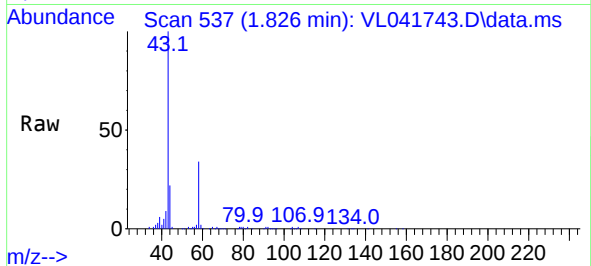
Tgt Ion: 45 Resp: 5447
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.6





#15
Acetone
Concen: 0.737 ppbv
RT: 1.826 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

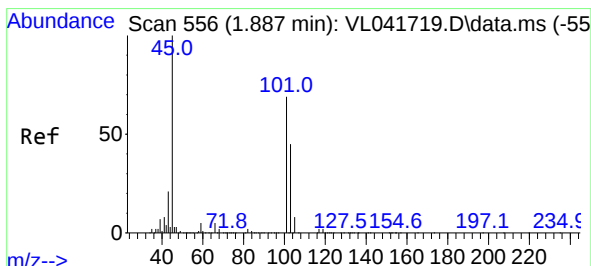
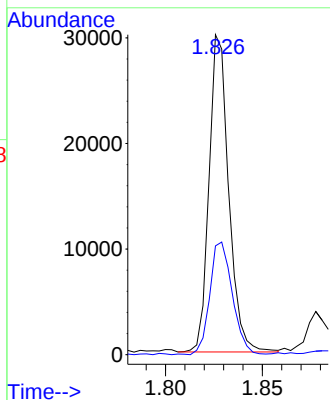
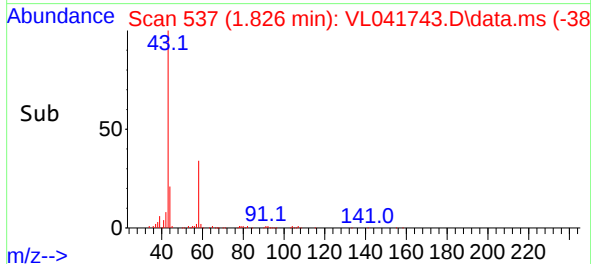
Instrument :
MSVOA_L
ClientSampleId :
SV4



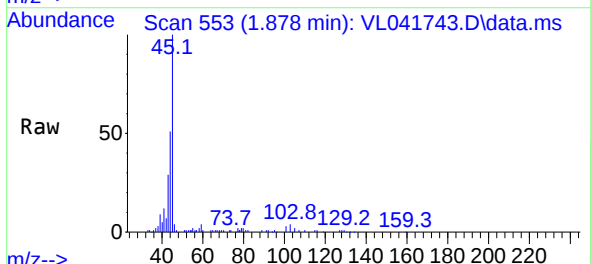
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 41.1 28.9 43.3

Manual Integrations
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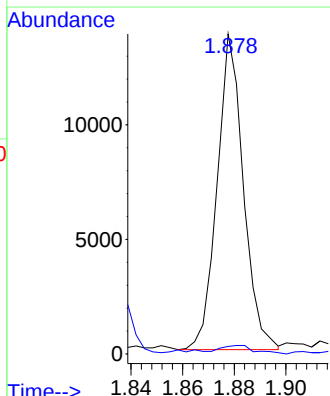
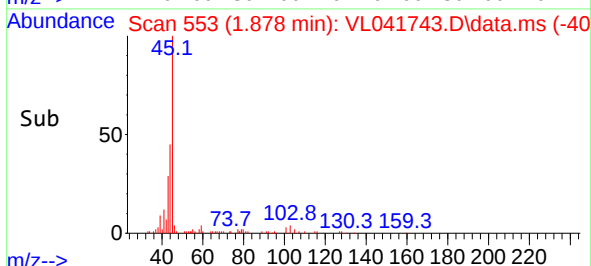
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

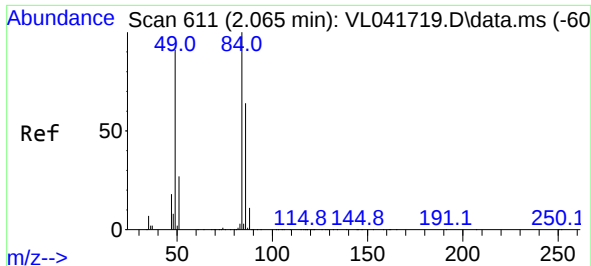


#19
Isopropyl Alcohol
Concen: 0.356 ppbv
RT: 1.878 min Scan# 553
Delta R.T. -0.010 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32



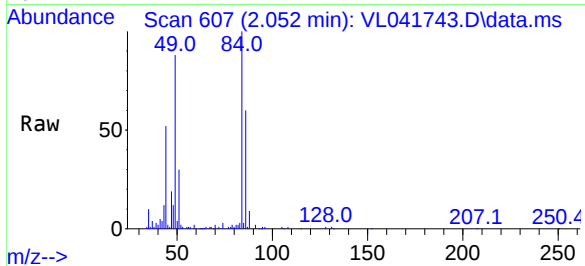
Tgt Ion: 45 Resp: 9733
Ion Ratio Lower Upper
45 100
58 4.2 40.6 61.0#





#20
Methylene Chloride
Concen: 0.668 ppbv
RT: 2.052 min Scan# 611
Delta R.T. -0.013 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

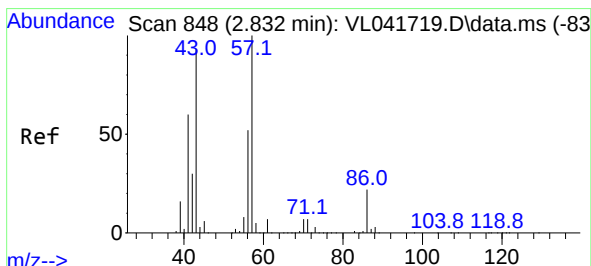
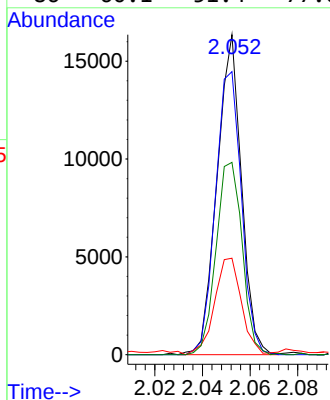
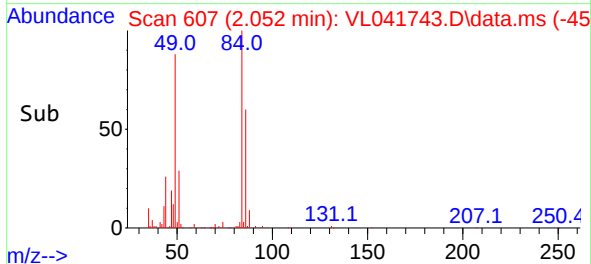
Instrument :
MSVOA_L
ClientSampleId :
SV4



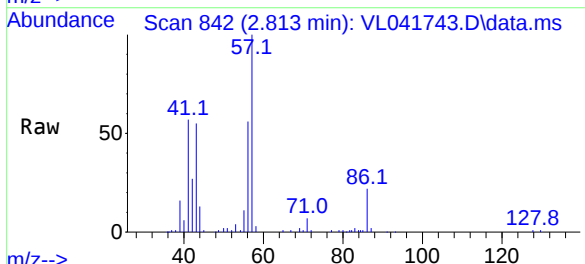
Tgt Ion: 84 Resp: 11660
Ion Ratio Lower Upper
84 100
49 88.5 73.6 110.4
51 29.4 22.7 34.1
86 60.1 51.4 77.0

Manual Integrations
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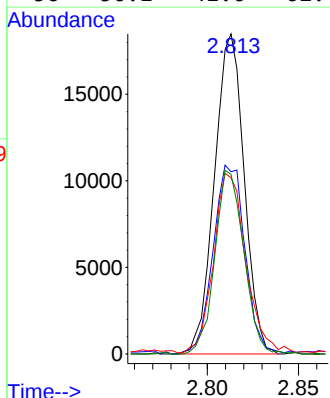
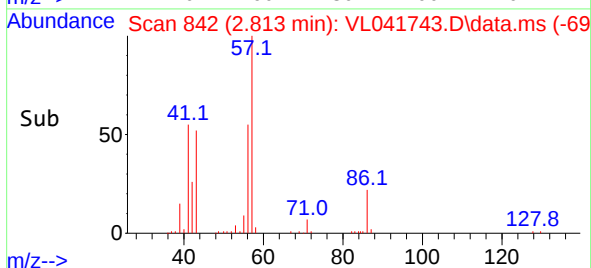
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

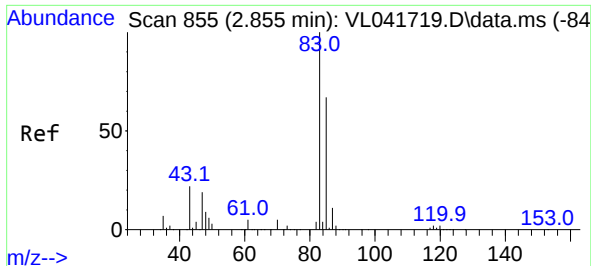


#26
Hexane
Concen: 0.539 ppbv
RT: 2.813 min Scan# 842
Delta R.T. -0.019 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32



Tgt Ion: 57 Resp: 20949
Ion Ratio Lower Upper
57 100
41 63.8 49.5 74.3
43 61.1 150.6 225.8#
56 56.1 41.6 62.4





#29

Chloroform

Concen: 0.327 ppbv

RT: 2.832 min Scan# 84

Delta R.T. -0.023 min

Lab File: VL041743.D

Acq: 12 Dec 2024 10:32

Instrument :

MSVOA_L

ClientSampleId :

SV4

Tgt Ion: 83 Resp: 19470

Ion Ratio Lower Upper

83 100

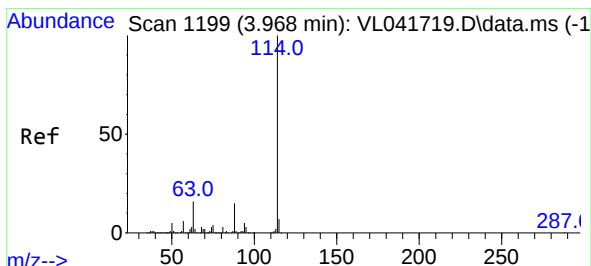
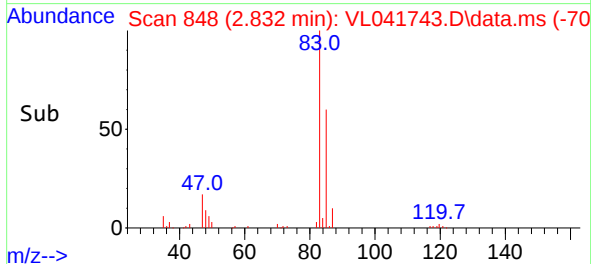
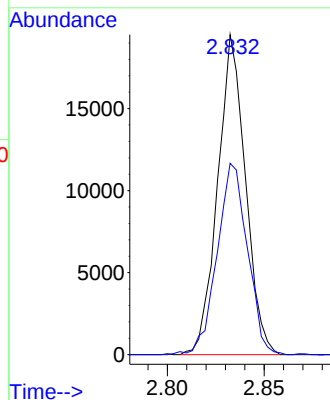
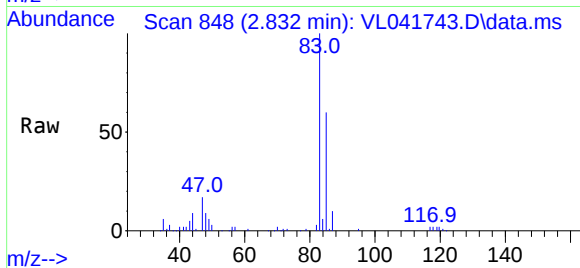
85 59.2 53.6 80.4

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.936 min Scan# 1189

Delta R.T. -0.032 min

Lab File: VL041743.D

Acq: 12 Dec 2024 10:32

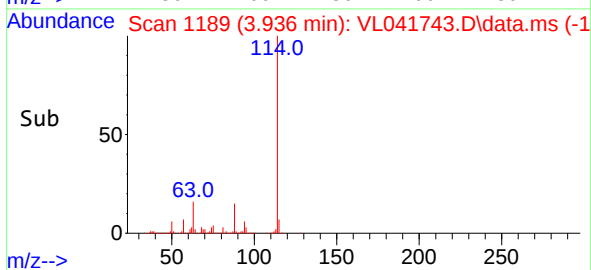
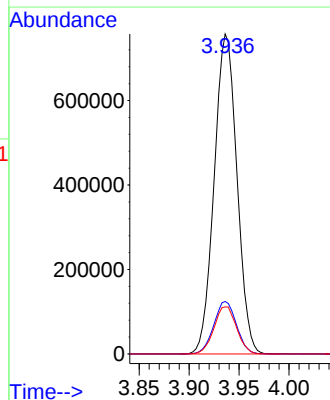
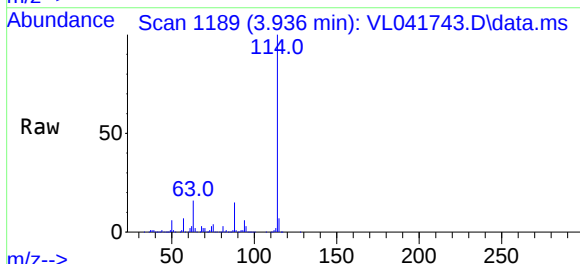
Tgt Ion:114 Resp: 1199945

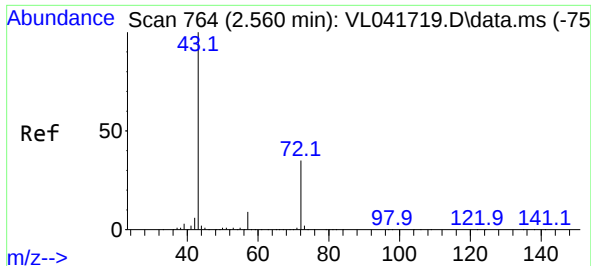
Ion Ratio Lower Upper

114 100

63 16.3 12.9 19.3

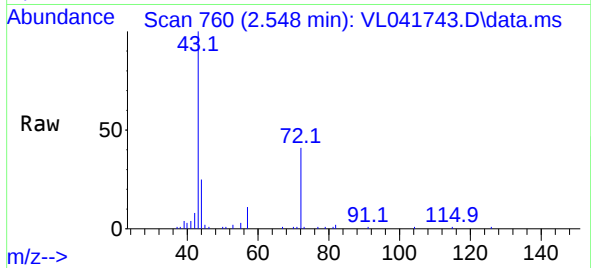
88 14.7 11.8 17.6





#34
2-Butanone
Concen: 0.241 ppbv
RT: 2.548 min Scan# 760
Delta R.T. -0.013 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

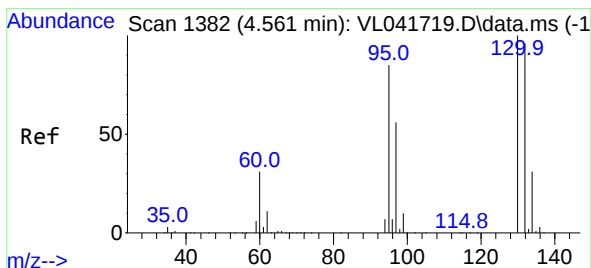
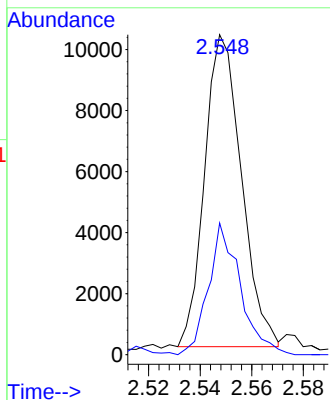
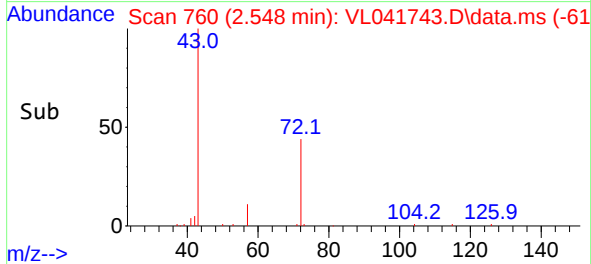
Instrument :
MSVOA_L
ClientSampleId :
SV4



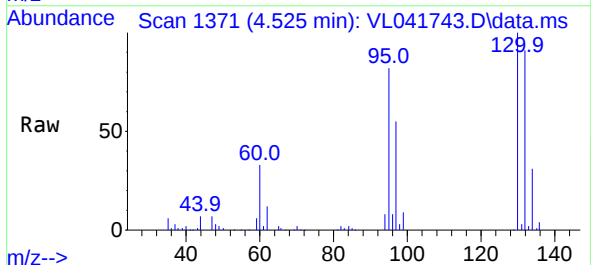
Tgt Ion: 43 Resp: 10130
Ion Ratio Lower Upper
43 100
72 36.4 28.3 42.5

Manual Integrations
APPROVED

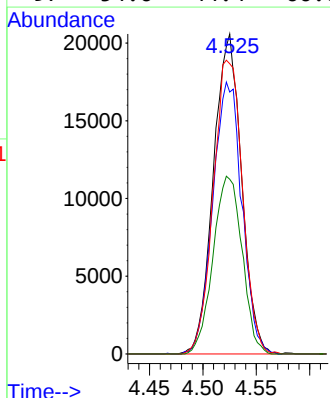
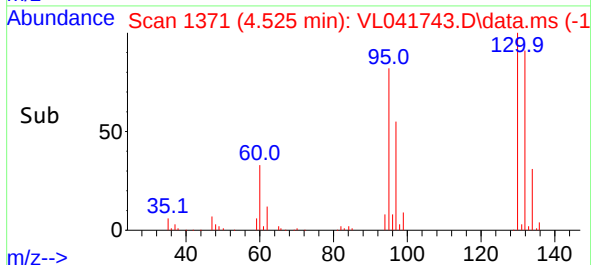
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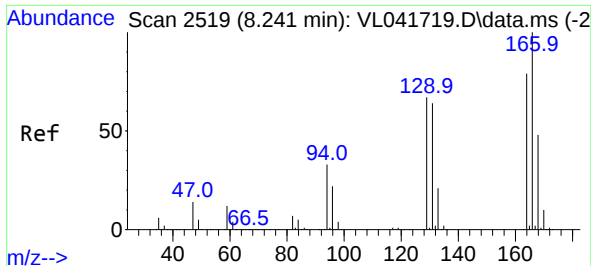


#38
Trichloroethene
Concen: 0.769 ppbv
RT: 4.525 min Scan# 1371
Delta R.T. -0.036 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32



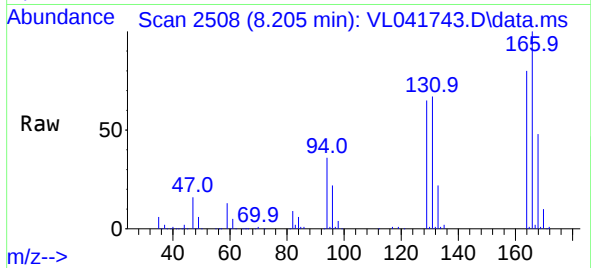
Tgt Ion:130 Resp: 37620
Ion Ratio Lower Upper
130 100
95 81.8 68.0 102.0
132 90.7 76.5 114.7
97 54.6 44.4 66.6





#52
Tetrachloroethene
Concen: 2.120 ppbv
RT: 8.205 min Scan# 2108
Delta R.T. -0.036 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

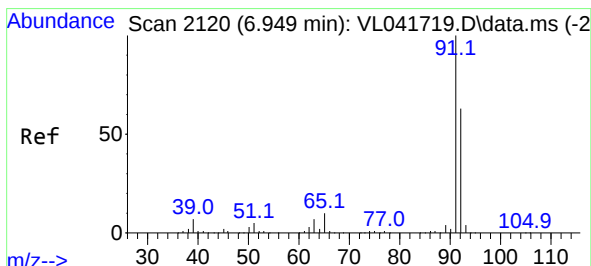
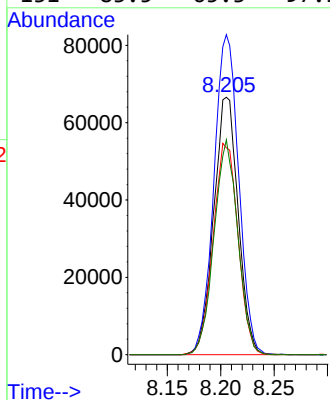
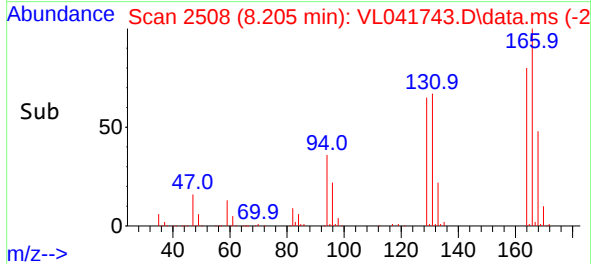
Instrument :
MSVOA_L
ClientSampleId :
SV4



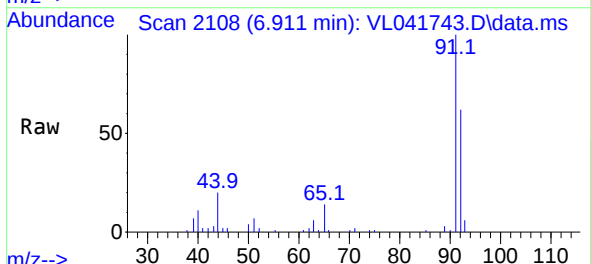
Tgt Ion:164 Resp: 10598
Ion Ratio Lower Upper
164 100
166 124.3 101.4 152.0
129 80.4 67.6 101.4
131 83.5 65.3 97.9

Manual Integrations
APPROVED

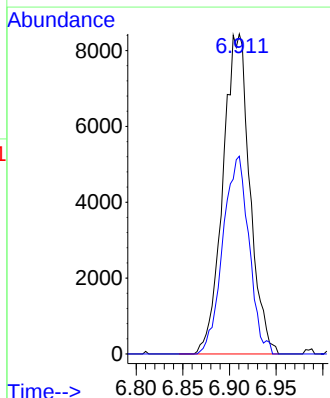
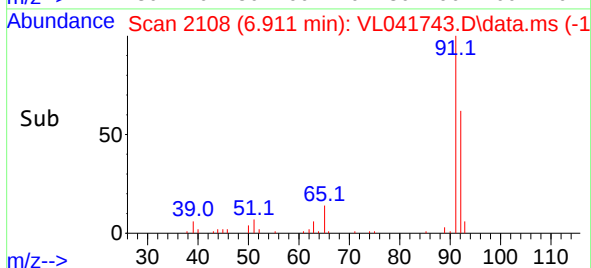
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

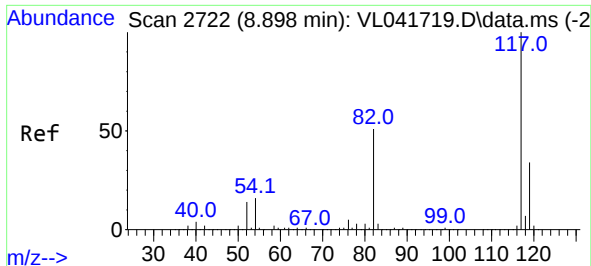


#53
Toluene
Concen: 0.146 ppbv m
RT: 6.911 min Scan# 2108
Delta R.T. -0.039 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32



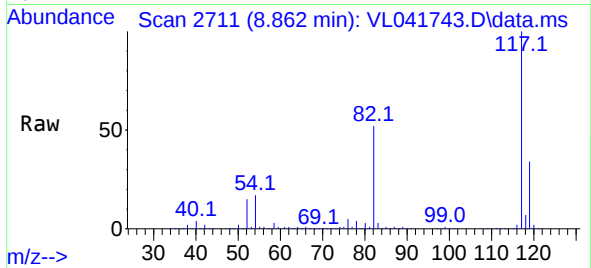
Tgt Ion: 91 Resp: 16938
Ion Ratio Lower Upper
91 100
92 0.0 49.7 74.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 2117
Delta R.T. -0.036 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32

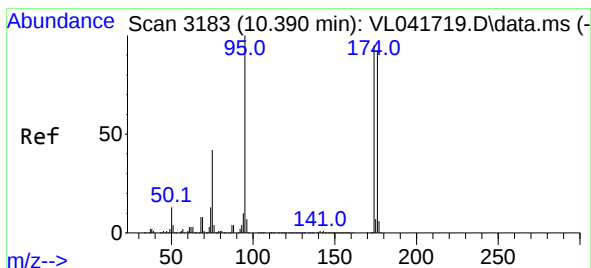
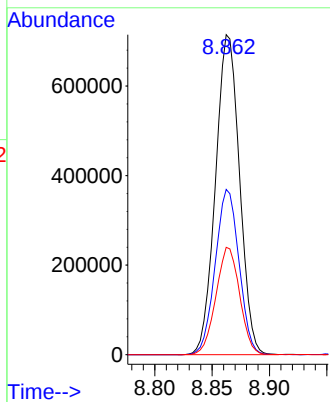
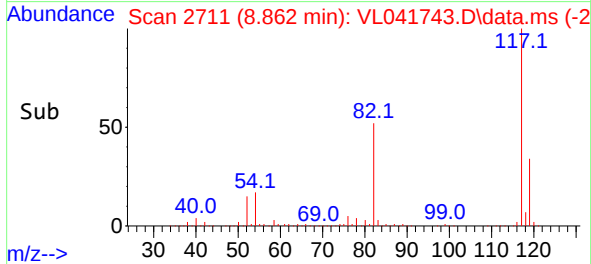
Instrument :
MSVOA_L
ClientSampleId :
SV4



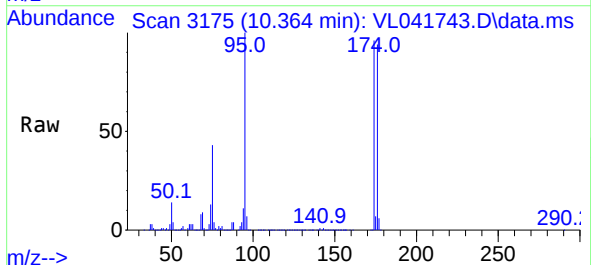
Tgt Ion: 117 Resp: 104203
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 33.2 25.8 38.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.134 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.026 min
Lab File: VL041743.D
Acq: 12 Dec 2024 10:32



Tgt Ion: 95 Resp: 694234
Ion Ratio Lower Upper
95 100
174 93.9 76.7 115.1
175 6.7 5.4 8.2

