

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041814.D
 Acq On : 19 Dec 2024 02:26
 Operator : SY/MD
 Sample : P5295-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC8DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 19 08:03:54 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	76111	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.975	114	181587	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	165578	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	133430	9.670	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%
Target Compounds						
13) Ethanol	1.729	45	5114	11.480	ppbv #	34
15) Acetone	1.842	43	5144	0.347	ppbv	97
19) Isopropyl Alcohol	1.894	45	3598m	0.405	ppbv	
20) Methylene Chloride	2.068	84	989	0.234	ppbv #	89
38) Trichloroethene	4.561	130	556m	0.070	ppbv	
52) Tetrachloroethene	8.241	164	73433	10.503	ppbv	96
53) Toluene	6.946	91	6431m	0.302	ppbv	

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

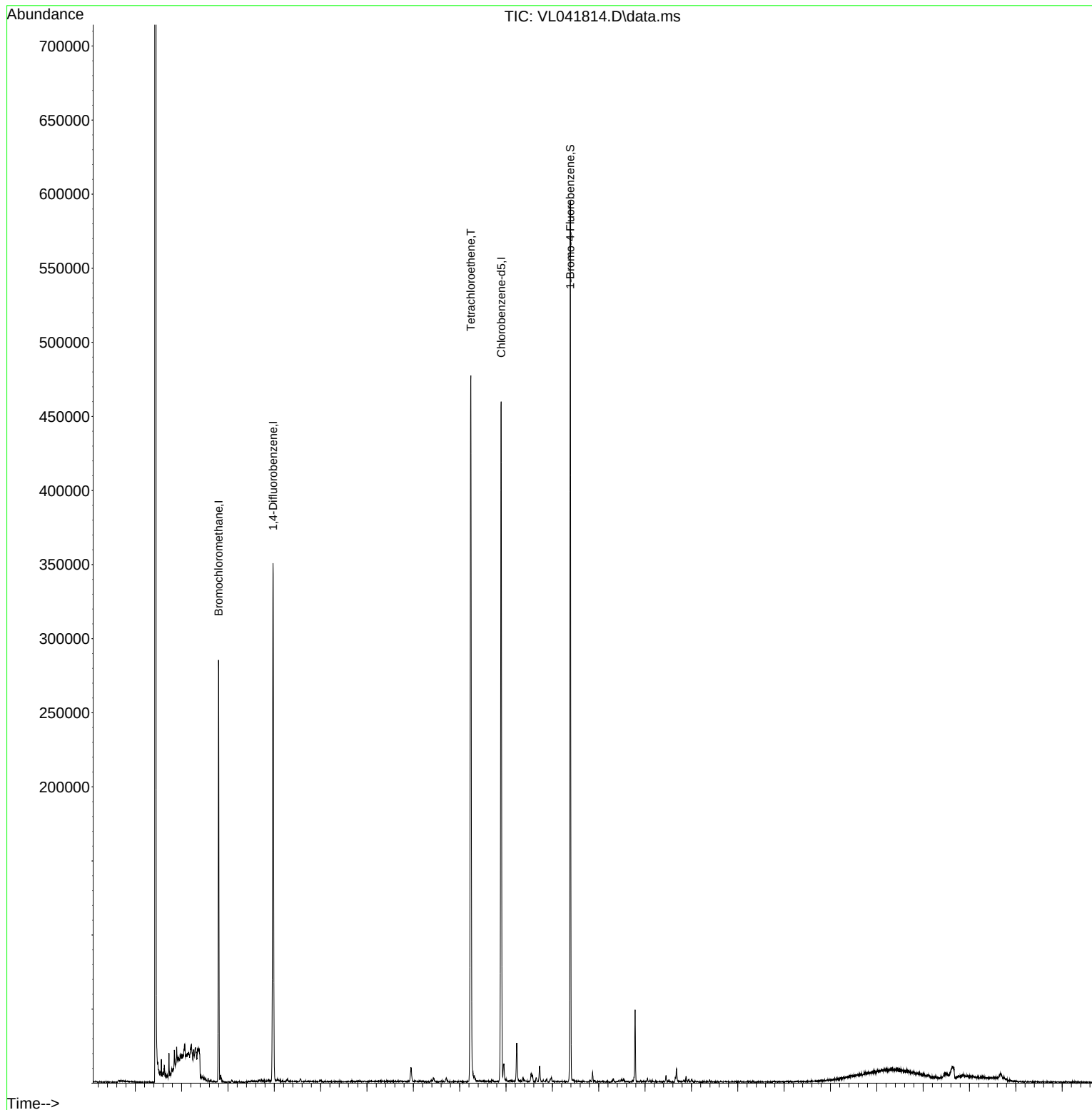
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041814.D
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Misc : 400mL/MSVOA_L
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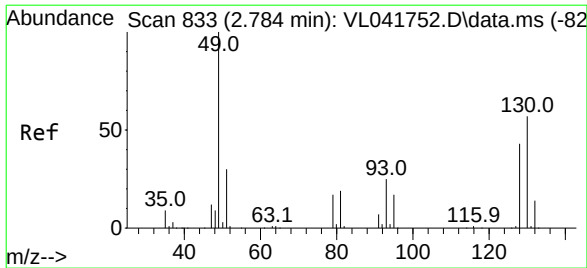
Instrument :
MSVOA_L
ClientSampleId :
C0AC8DL

Quant Time: Dec 19 08:03:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
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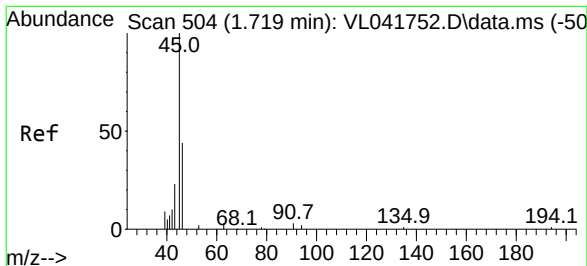
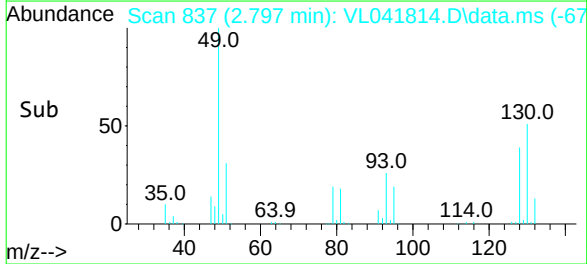
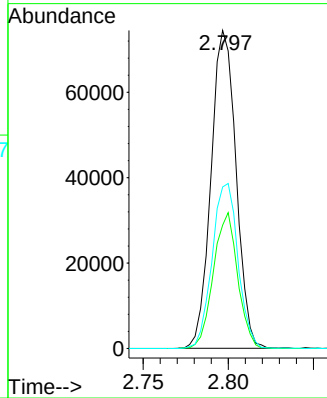
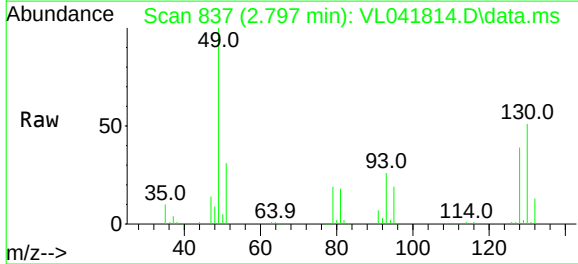
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 833
Delta R.T. 0.013 min
Lab File: VL041814.D
Acq: 19 Dec 2024 02:26

Instrument :
MSVOA_L
ClientSampleId :
C0AC8DL

Tgt Ion	Ratio	Lower	Upper
49	100		
128	41.5	21.6	64.6
130	53.8	28.3	85.0

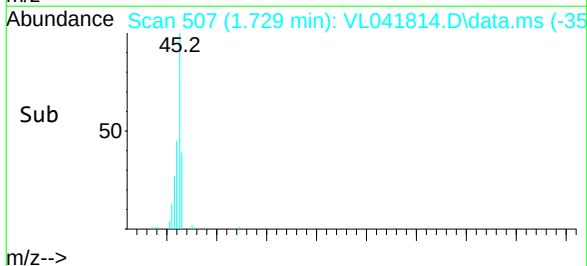
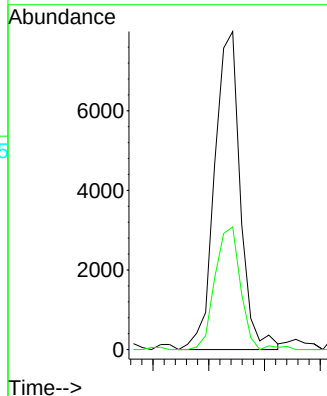
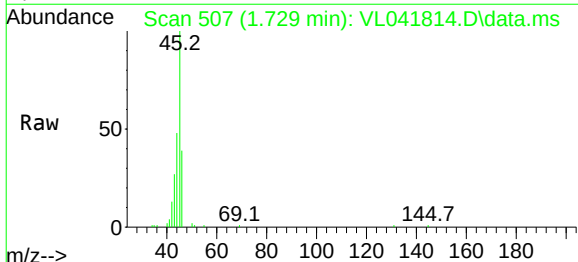
Manual Integrations
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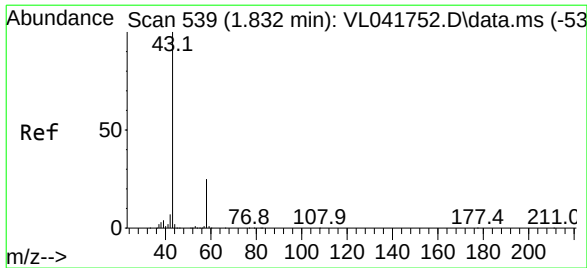
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#13
Ethanol
Concen: 11.480 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.009 min
Lab File: VL041814.D
Acq: 19 Dec 2024 02:26

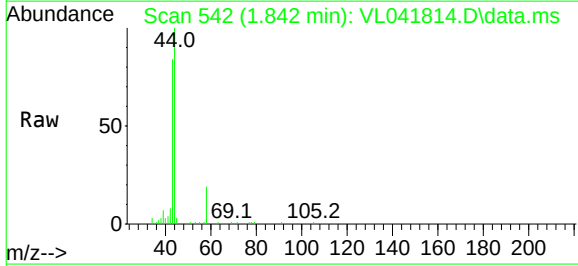
Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.4	65.8





#15
Acetone
Concen: 0.347 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.009 min
Lab File: VL041814.D
Acq: 19 Dec 2024 02:26

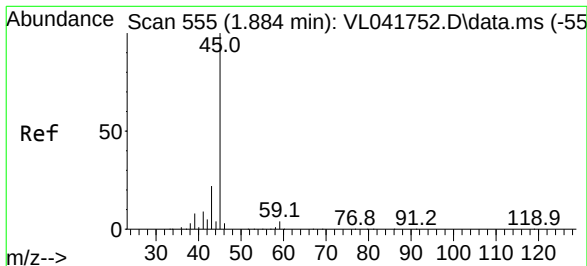
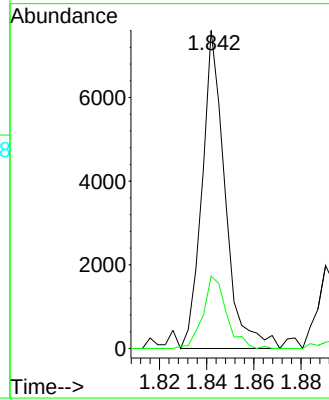
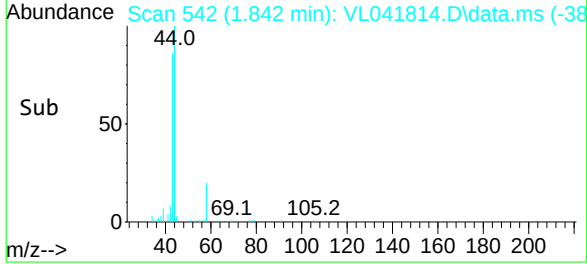
Instrument :
MSVOA_L
ClientSampleId :
C0AC8DL



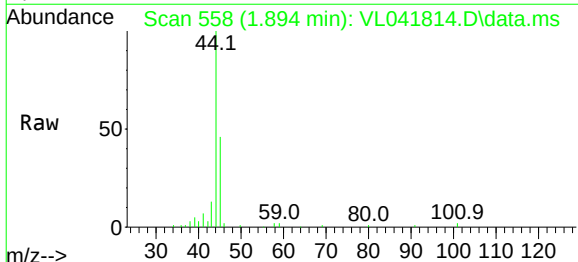
Tgt Ion: 43 Resp: 5144
Ion Ratio Lower Upper
43 100
58 23.3 19.7 29.5

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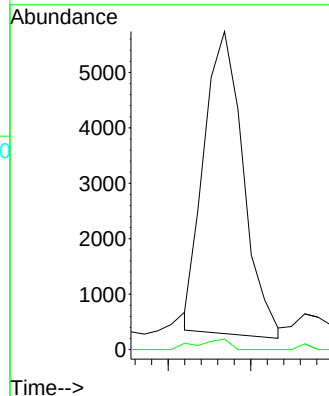
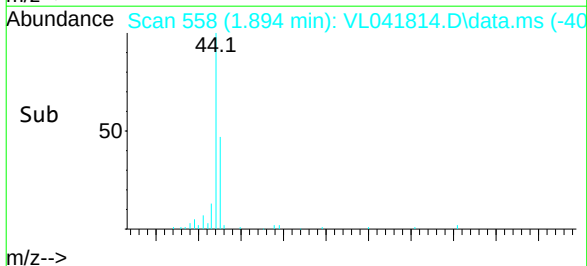
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

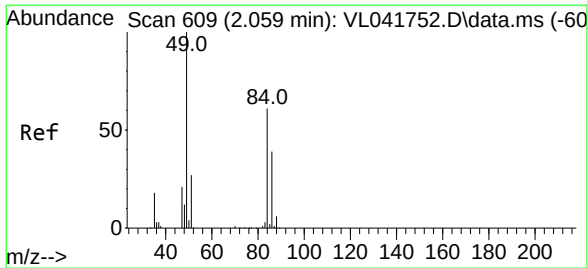


#19
Isopropyl Alcohol
Concen: 0.405 ppbv m
RT: 1.894 min Scan# 558
Delta R.T. 0.009 min
Lab File: VL041814.D
Acq: 19 Dec 2024 02:26



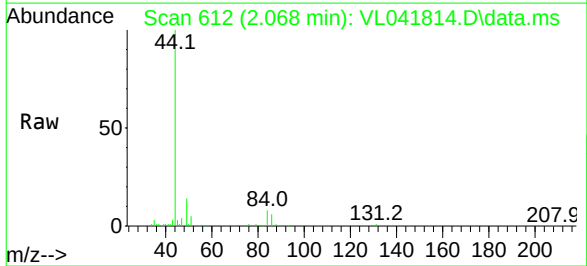
Tgt Ion: 45 Resp: 3598
Ion Ratio Lower Upper
45 100
58 8.8 33.3 49.9#





#20
Methylene Chloride
Concen: 0.234 ppbv
RT: 2.068 min Scan# 61
Delta R.T. 0.009 min
Lab File: VL041814.D
Acq: 19 Dec 2024 02:26

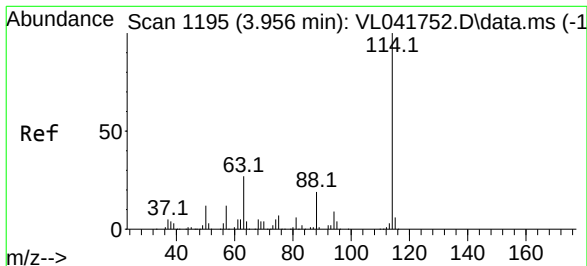
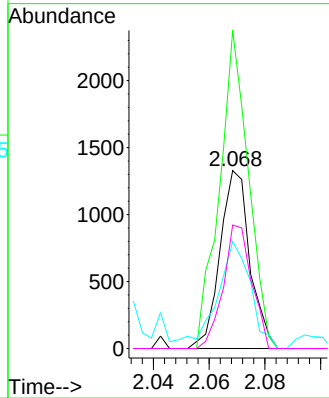
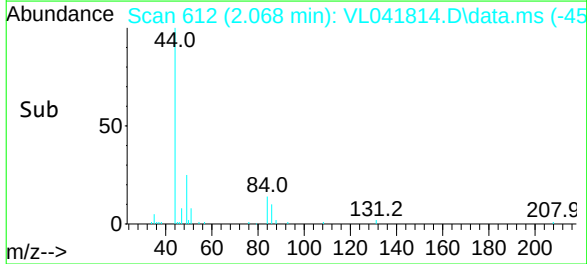
Instrument :
MSVOA_L
ClientSampleId :
C0AC8DL



Tgt Ion:	84	Resp:	989
Ion	Ratio	Lower	Upper
84	100		
49	178.7	132.6	198.8
51	60.1	37.6	56.4
86	69.4	51.4	77.0

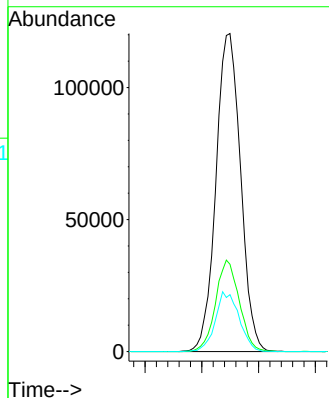
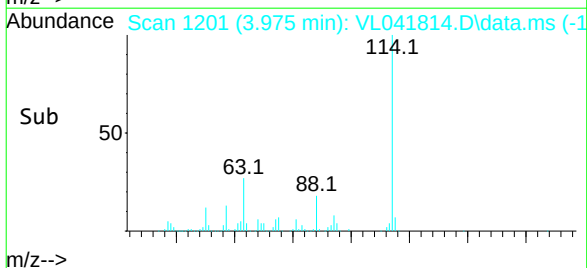
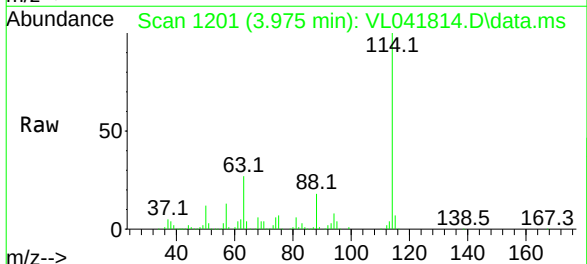
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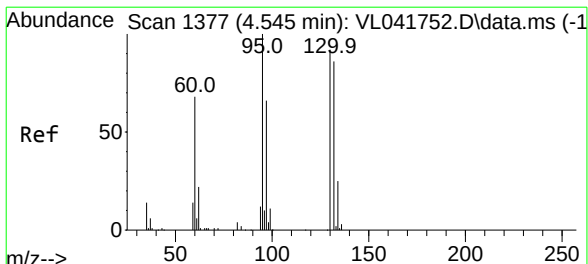
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.019 min
Lab File: VL041814.D
Acq: 19 Dec 2024 02:26

Tgt Ion:	114	Resp:	181587
Ion	Ratio	Lower	Upper
114	100		
63	27.7	21.8	32.8
88	18.2	14.8	22.2





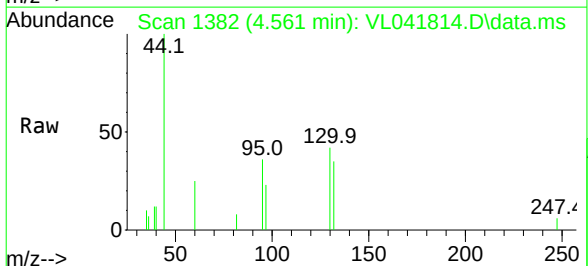
#38
 Trichloroethene
 Concen: 0.070 ppbv m
 RT: 4.561 min Scan# 13
 Delta R.T. 0.016 min
 Lab File: VL041814.D
 Acq: 19 Dec 2024 02:26

Instrument :

MSVOA_L

ClientSampleId :

C0AC8DL

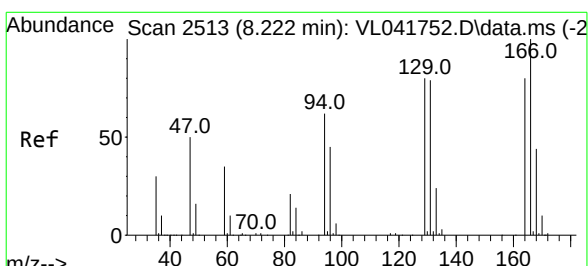
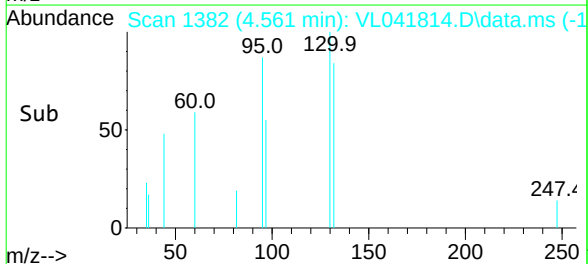
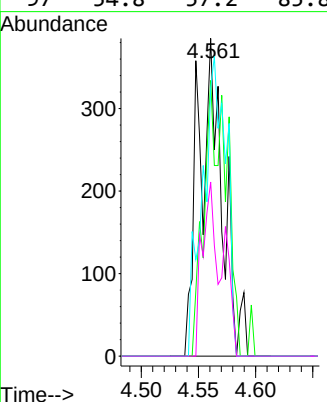


Tgt Ion:130 Resp: 556

Ion	Ratio	Lower	Upper
130	100		
95	86.8	87.0	130.6#
132	84.4	75.0	112.6
97	54.8	57.2	85.8#

Manual Integrations
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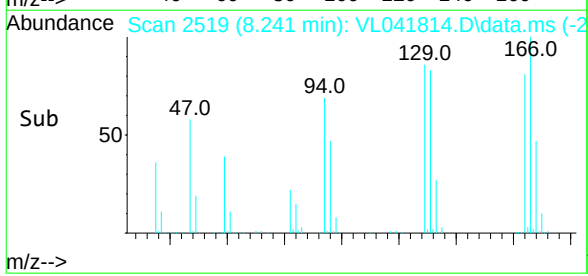
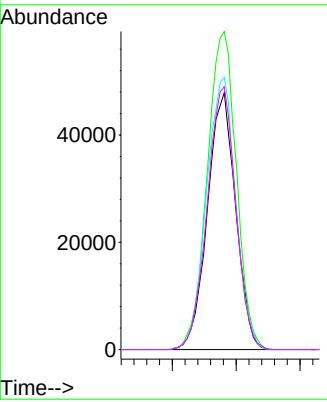
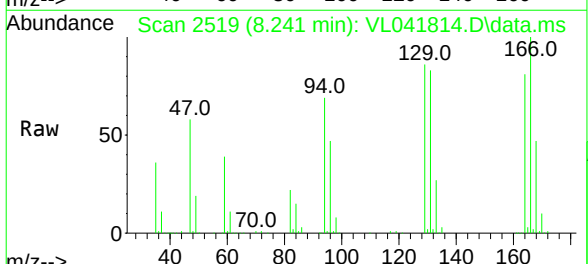
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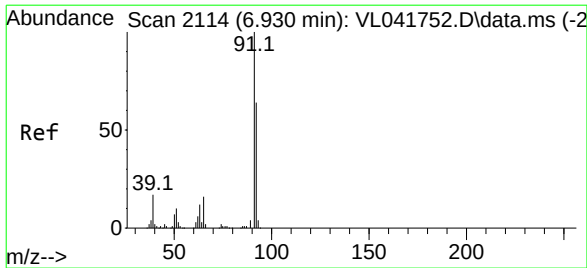


#52
 Tetrachloroethene
 Concen: 10.503 ppbv
 RT: 8.241 min Scan# 2519
 Delta R.T. 0.019 min
 Lab File: VL041814.D
 Acq: 19 Dec 2024 02:26

Tgt Ion:164 Resp: 73433

Ion	Ratio	Lower	Upper
164	100		
166	123.6	99.8	149.6
129	105.9	79.6	119.4
131	102.2	78.6	117.8





#53

Toluene

Concen: 0.302 ppbv m

RT: 6.946 min Scan# 2114

Delta R.T. 0.016 min

Lab File: VL041814.D

Acq: 19 Dec 2024 02:26

Instrument :

MSVOA_L

ClientSampleId :

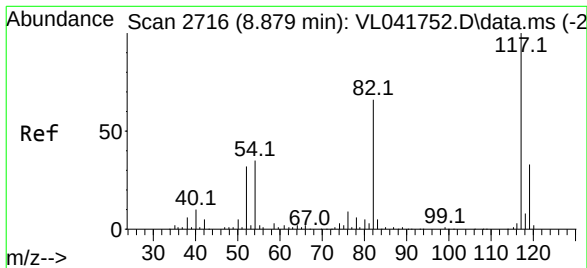
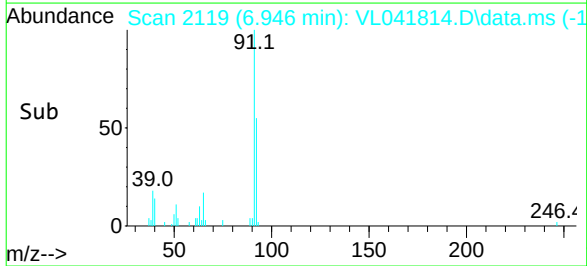
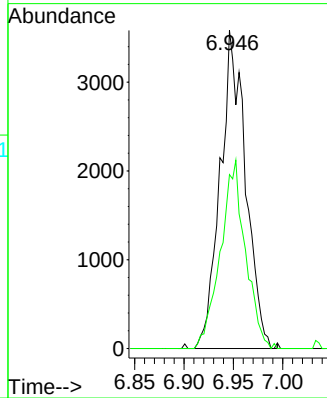
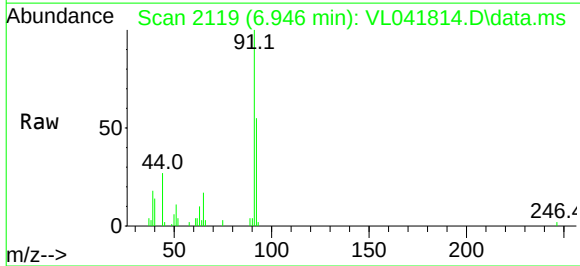
C0AC8DL

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.9	71.9

Manual Integrations

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Supervised By :Mahesh Dadoda 12/23/2024



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

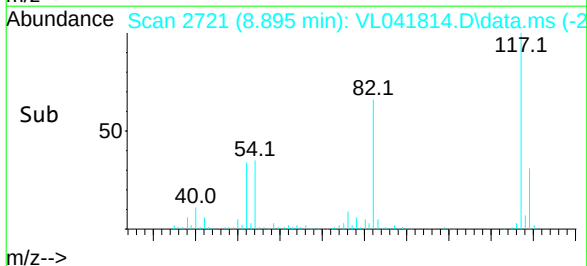
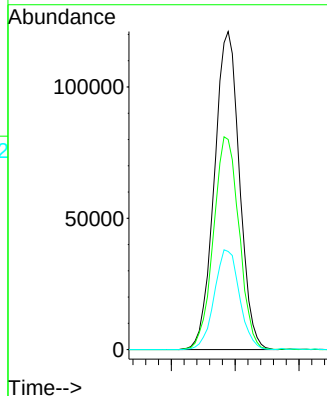
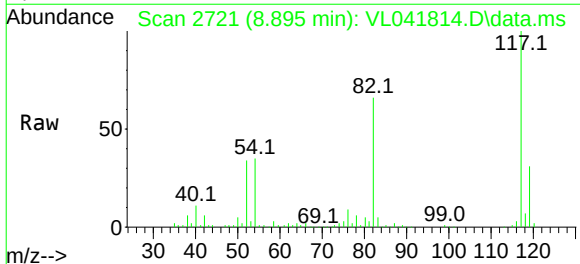
RT: 8.895 min Scan# 2721

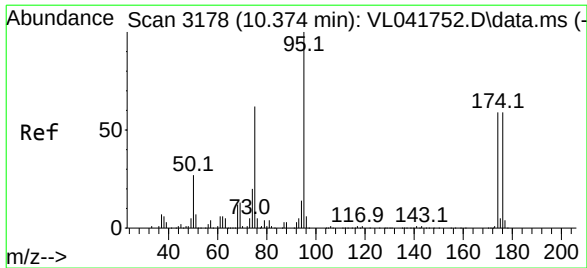
Delta R.T. 0.016 min

Lab File: VL041814.D

Acq: 19 Dec 2024 02:26

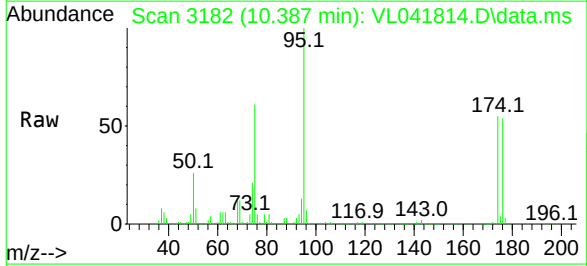
Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.8	80.8
119	31.6	26.7	40.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.670 ppbv
 RT: 10.387 min Scan# 3178
 Delta R.T. 0.013 min
 Lab File: VL041814.D
 Acq: 19 Dec 2024 02:26

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC8DL



Tgt Ion: 95	Resp: 133436
Ion Ratio	Lower Upper
95	100
174	57.9 47.6 71.4
175	4.6 3.7 5.5

Manual Integrations
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 Supervised By :Mahesh Dadoda 12/23/2024

