

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041609.D
 Acq On : 18 Sep 2024 16:24
 Operator : SY/MD
 Sample : P4028-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:34:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1108094	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	3085788	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.465	117	2734741	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2048821	10.177	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
9) Propene	2.710	41	20986m	0.370	ppbv	
13) Ethanol	3.282	45	6130m	1.438	ppbv	
15) Acetone	3.494	43	63009	0.453	ppbv #	77
20) Methylene Chloride	3.941	84	34911	0.668	ppbv	95
23) Vinyl Acetate	4.636	43	143429m	1.874	ppbv	
26) Hexane	5.214	57	60101	0.577	ppbv #	32
52) Tetrachloroethene	10.623	164	2743m	0.035	ppbv	
53) Toluene	9.217	91	28630m	0.126	ppbv	

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

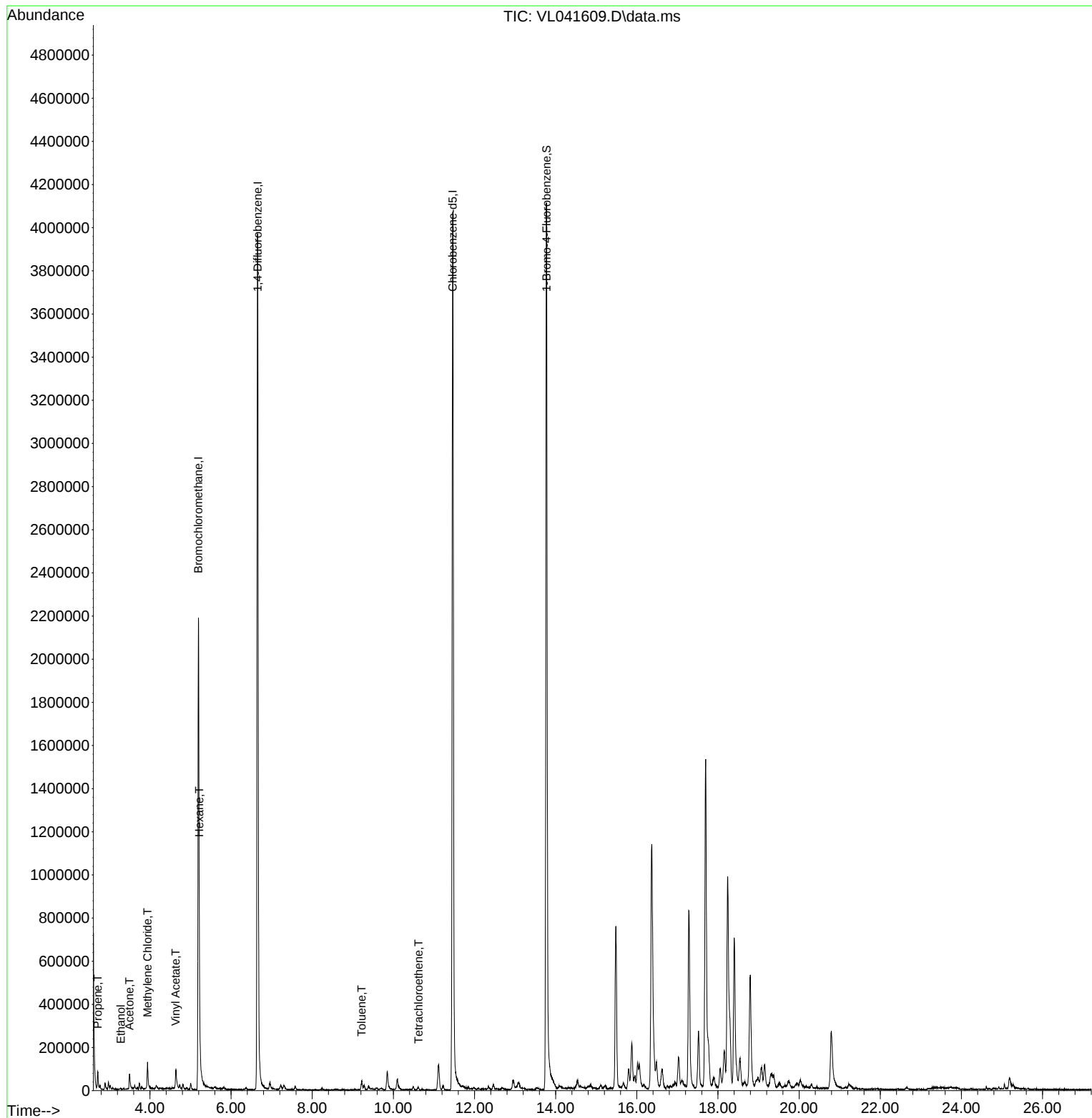
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041609.D
Acq On : 18 Sep 2024 16:24
Operator : SY/MD
Sample : P4028-01DL 20X
Misc : 400mL/MSVOA_L
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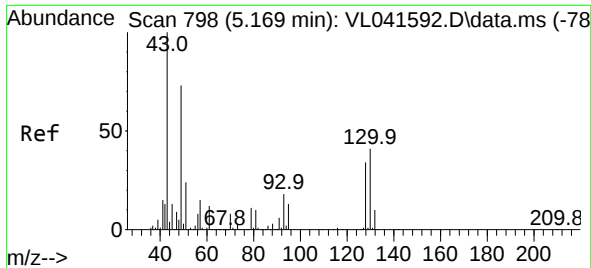
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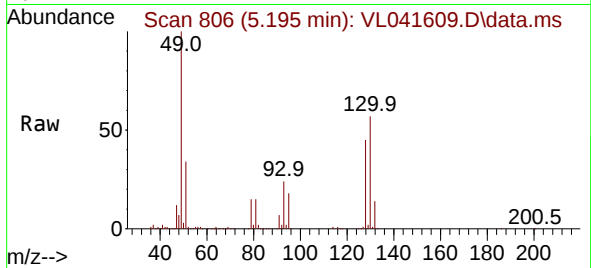
Quant Time: Sep 19 01:34:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

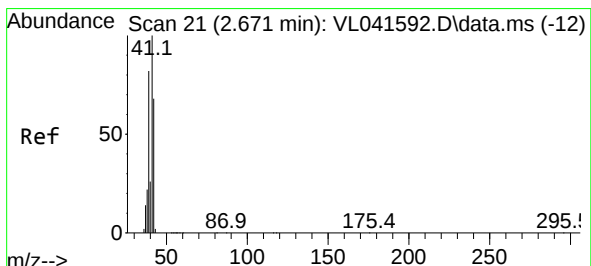
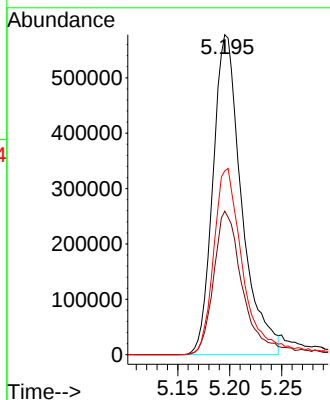
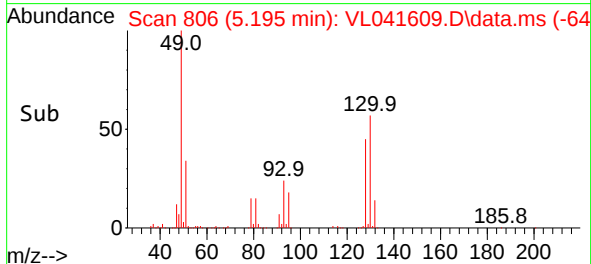
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



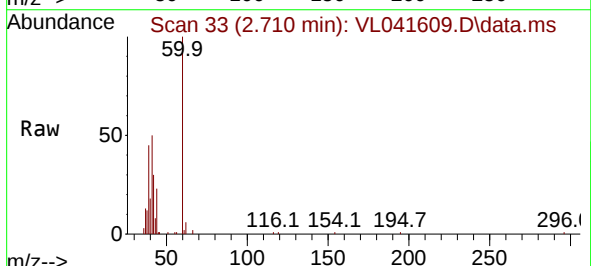
Tgt Ion: 49 Resp: 1108094
Ion Ratio Lower Upper
49 100
128 48.3 23.8 71.5
130 61.2 30.4 91.3

Manual Integrations
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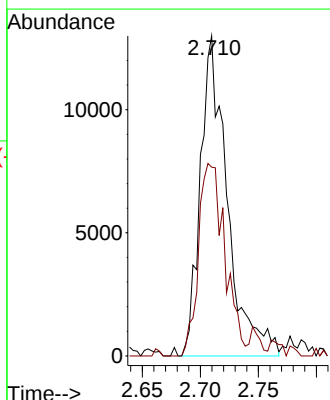
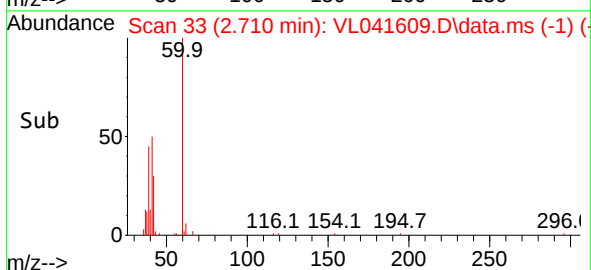
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

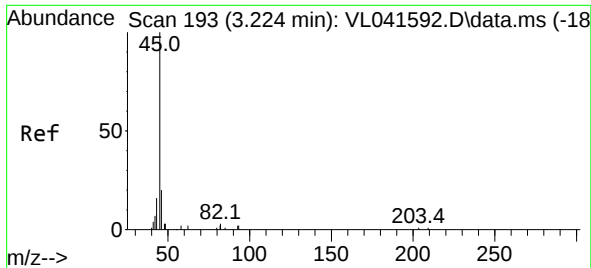


#9
Propene
Concen: 0.370 ppbv m
RT: 2.710 min Scan# 33
Delta R.T. 0.039 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24



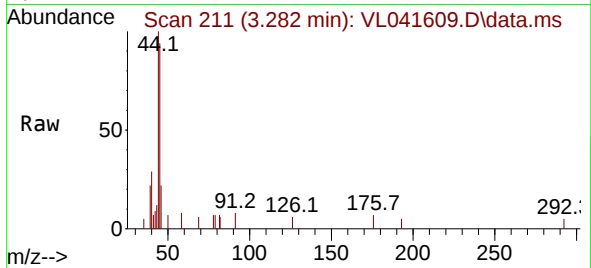
Tgt Ion: 41 Resp: 20986
Ion Ratio Lower Upper
41 100
42 66.0 55.2 82.8





#13
Ethanol
Concen: 1.438 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.058 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

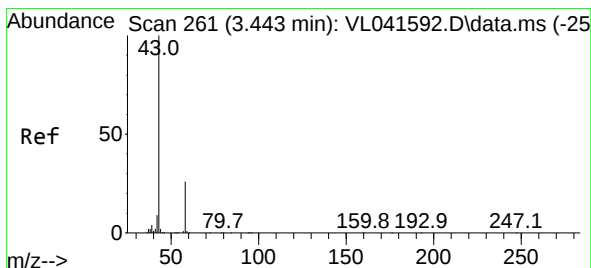
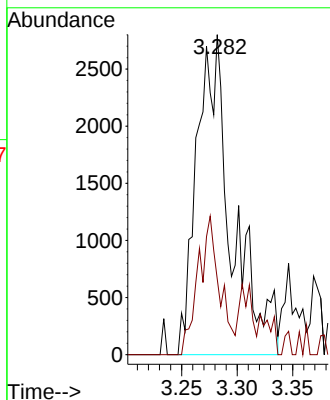
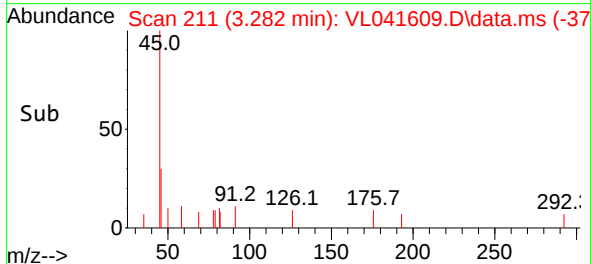
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 6130
Ion Ratio Lower Upper
45 100
46 39.1 15.2 60.8

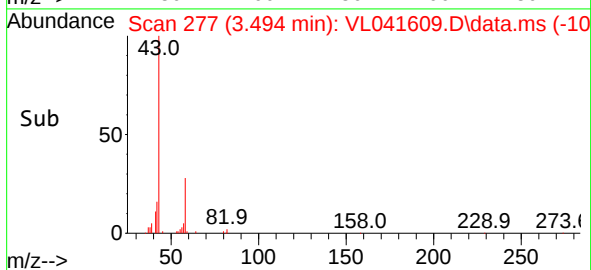
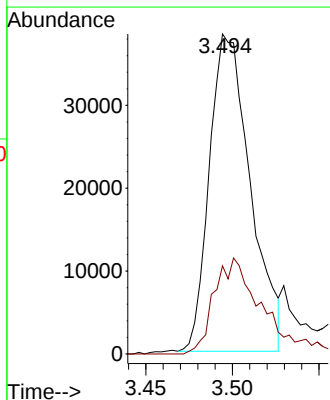
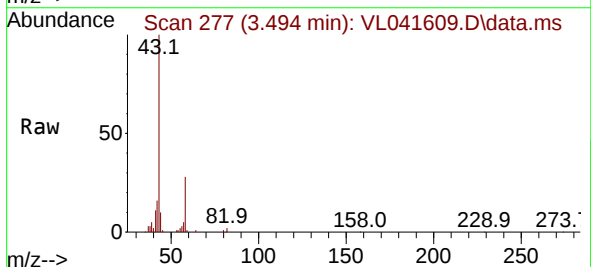
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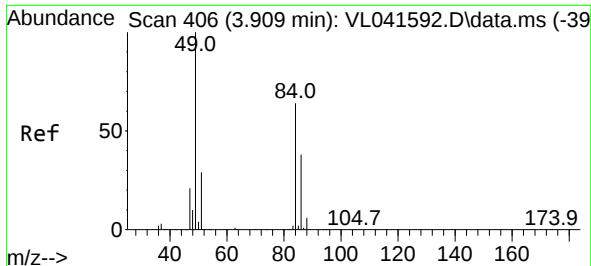
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#15
Acetone
Concen: 0.453 ppbv
RT: 3.494 min Scan# 277
Delta R.T. 0.052 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

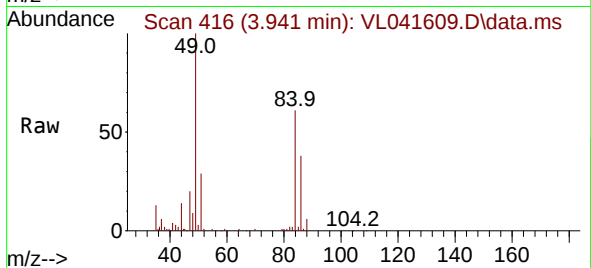
Tgt Ion: 43 Resp: 63009
Ion Ratio Lower Upper
43 100
58 38.6 21.5 32.3#





#20
Methylene Chloride
Concen: 0.668 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.032 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

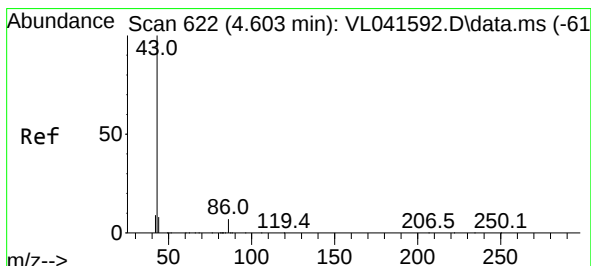
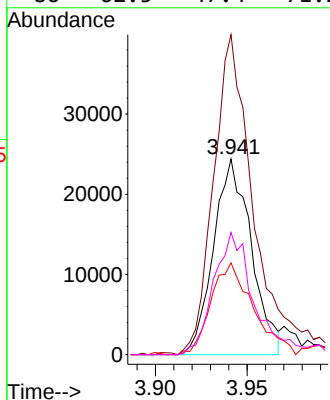
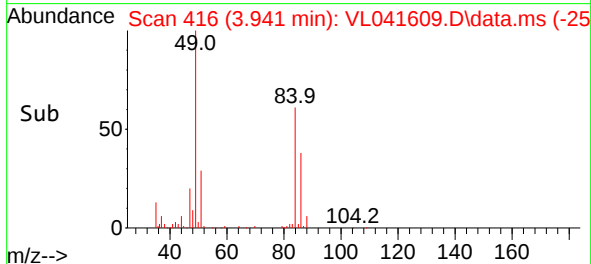


Tgt Ion: 84 Resp: 3491

Ion	Ratio	Lower	Upper
84	100		
49	163.5	124.3	186.5
51	46.9	36.3	54.5
86	62.5	47.4	71.2

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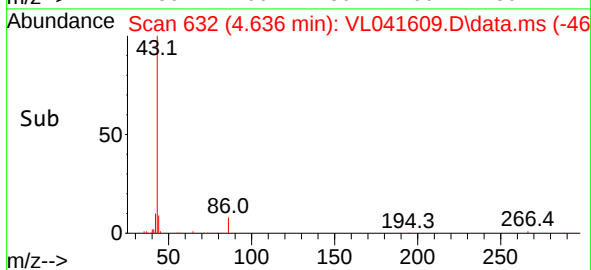
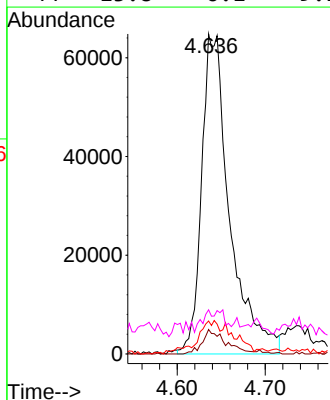
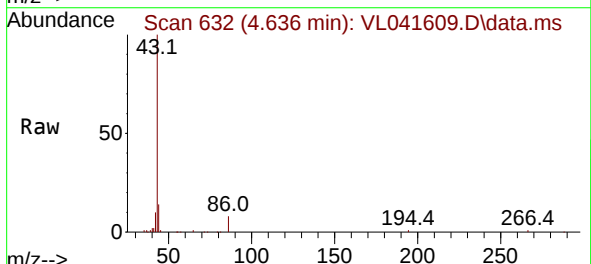
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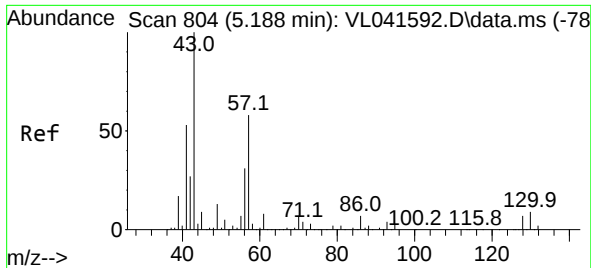


#23
Vinyl Acetate
Concen: 1.874 ppbv m
RT: 4.636 min Scan# 632
Delta R.T. 0.032 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

Tgt Ion: 43 Resp: 143429

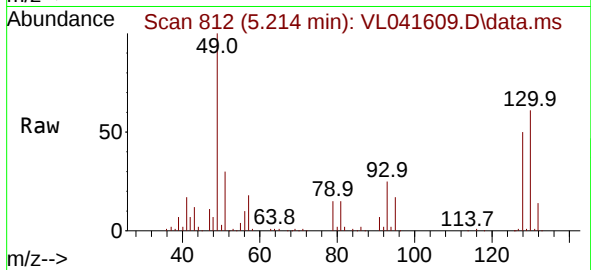
Ion	Ratio	Lower	Upper
43	100		
86	7.7	4.9	7.3#
42	10.3	8.0	12.0
44	13.8	6.1	9.1#





#26
Hexane
Concen: 0.577 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.026 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

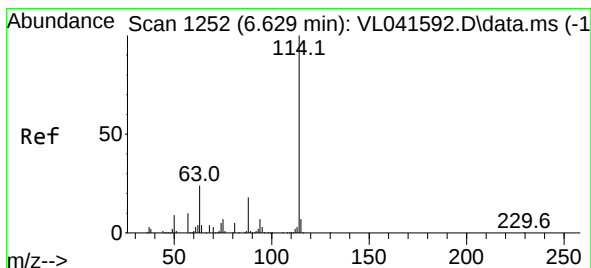
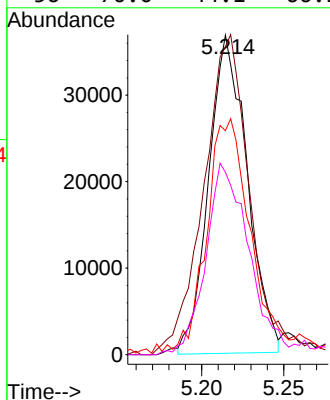
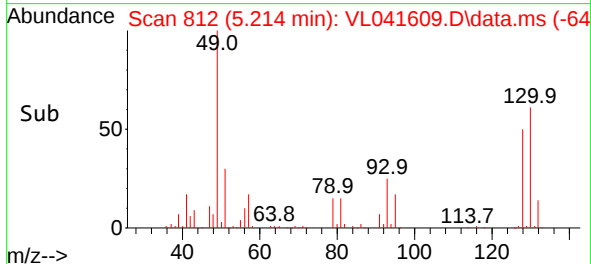
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 6010
Ion Ratio Lower Upper
57 100
41 123.5 75.7 113.5
43 86.4 198.5 297.7
56 70.0 44.1 66.1

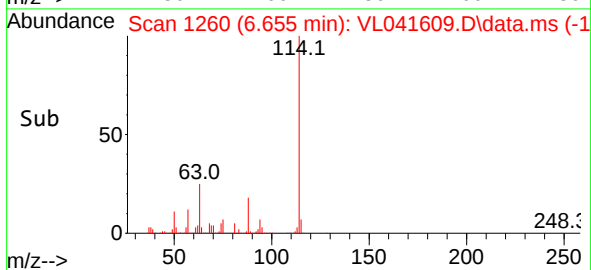
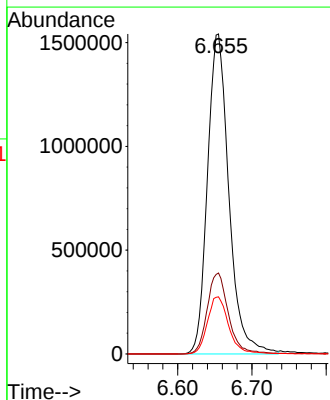
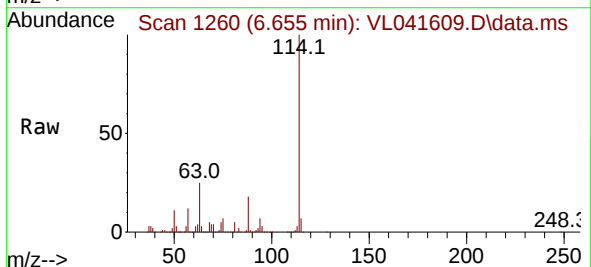
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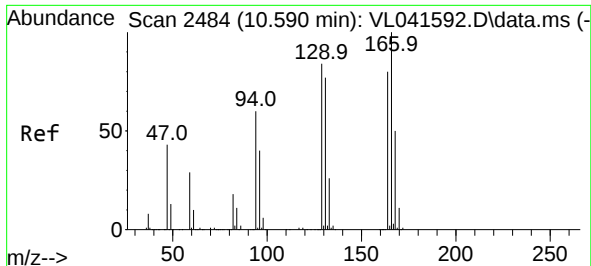
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.026 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

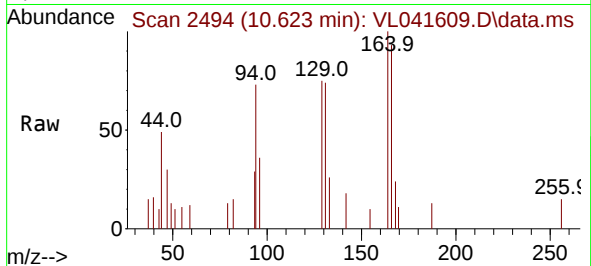
Tgt Ion:114 Resp: 3085788
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.2
88 17.9 14.2 21.4





#52
Tetrachloroethene
Concen: 0.035 ppbv m
RT: 10.623 min Scan# 2484
Delta R.T. 0.032 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

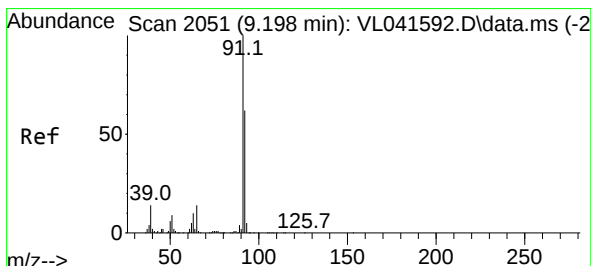
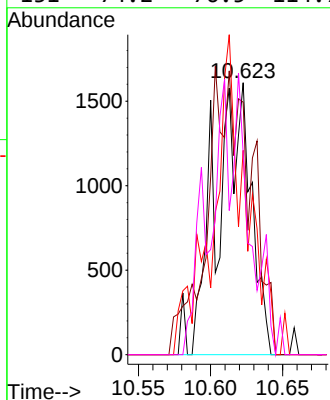
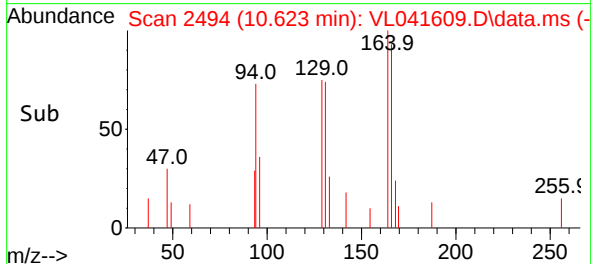
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:164 Resp: 2743
Ion Ratio Lower Upper
164 100
166 92.8 99.4 149.2
129 75.1 83.5 125.3
131 74.2 76.5 114.7#

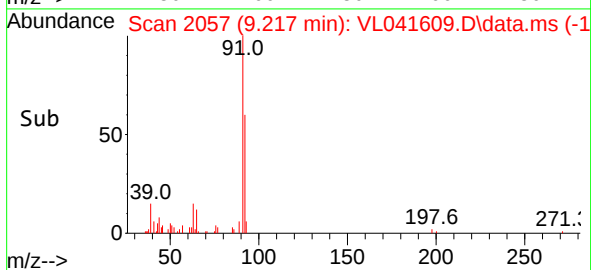
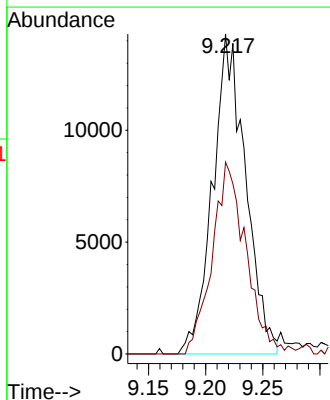
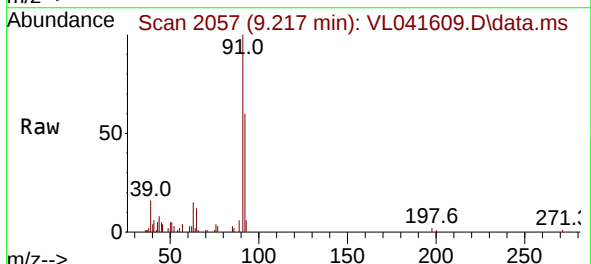
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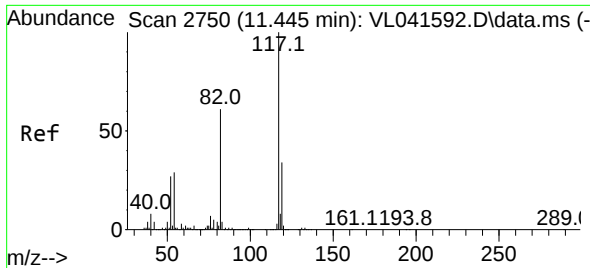
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#53
Toluene
Concen: 0.126 ppbv m
RT: 9.217 min Scan# 2057
Delta R.T. 0.020 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

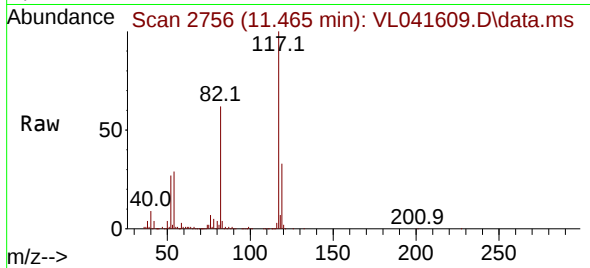
Tgt Ion: 91 Resp: 28630
Ion Ratio Lower Upper
91 100
92 0.0 48.9 73.3#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24

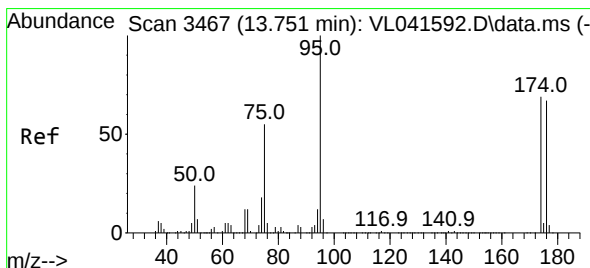
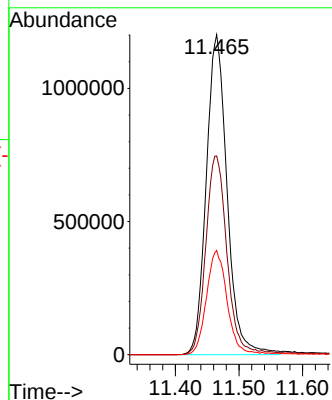
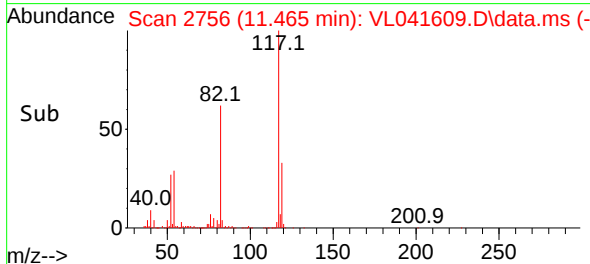
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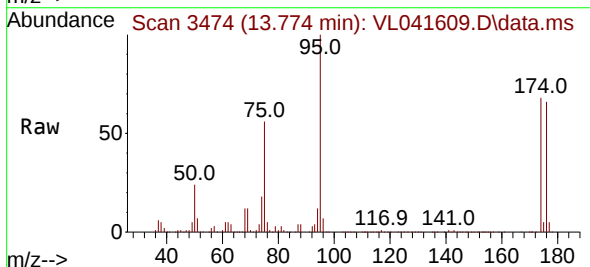
Tgt Ion:117 Resp: 273474
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.0 24.4 36.6

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.177 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.023 min
Lab File: VL041609.D
Acq: 18 Sep 2024 16:24



Tgt Ion: 95 Resp: 2048821
Ion Ratio Lower Upper
95 100
174 70.3 55.8 83.8
175 5.2 4.1 6.1

