

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041805.D
 Acq On : 18 Dec 2024 21:35
 Operator : SY/MD
 Sample : P5292-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024

Quant Time: Dec 19 08:00:02 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-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	2.800	49	73784	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.975	114	176556	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	151082	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	126391	10.039	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	1437	0.109	ppbv	100
4) Chloromethane	1.538	50	553	0.108	ppbv #	84
9) Propene	1.492	41	1458	0.280	ppbv	97
13) Ethanol	1.729	45	3015	6.982	ppbv #	34
15) Acetone	1.842	43	7498	0.522	ppbv	93
19) Isopropyl Alcohol	1.894	45	2398m	0.278	ppbv	
20) Methylene Chloride	2.069	84	1545	0.377	ppbv #	95
29) Chloroform	2.858	83	1860	0.120	ppbv	92

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

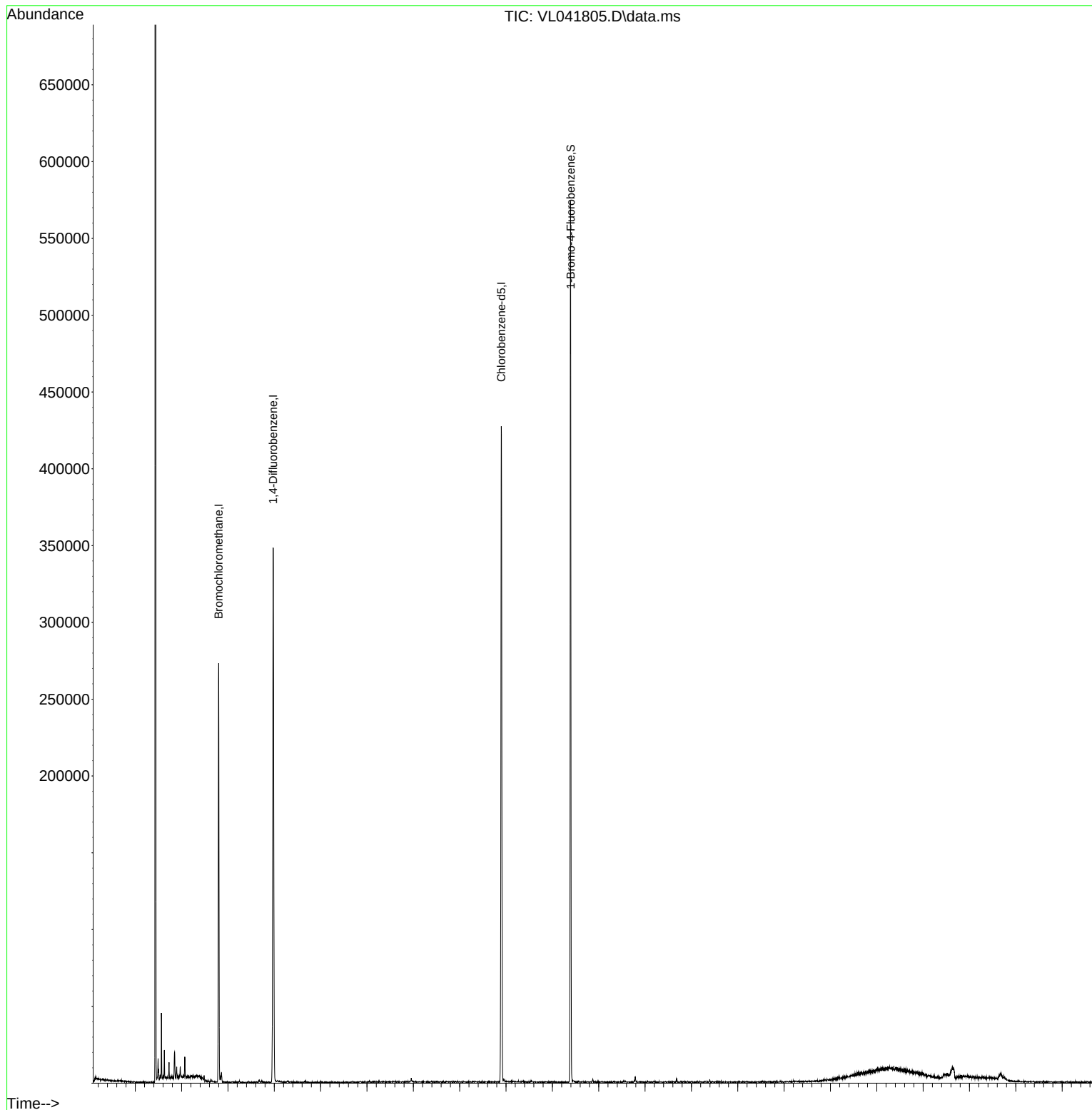
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041805.D
Acq On : 18 Dec 2024 21:35
Operator : SY/MD
Sample : P5292-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 13 Sample Multiplier: 1

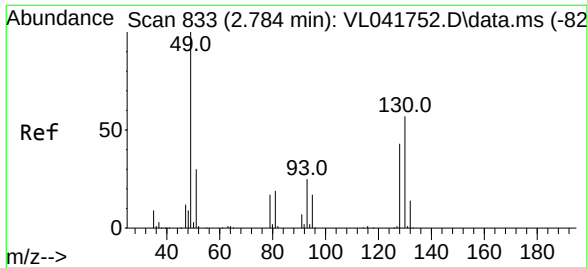
Instrument :
MSVOA_L
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

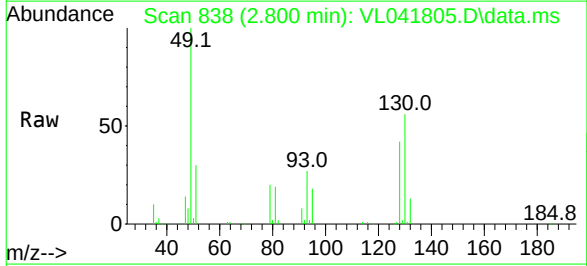
Quant Time: Dec 19 08:00:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 833
Delta R.T. 0.016 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

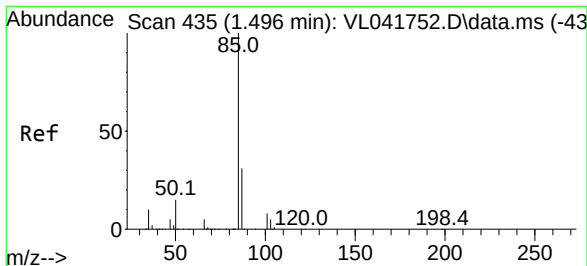
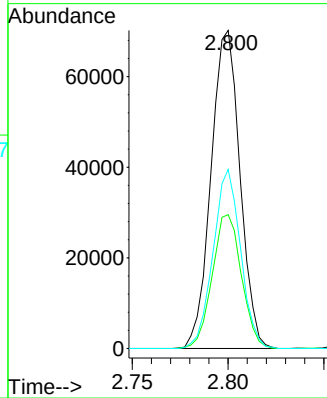
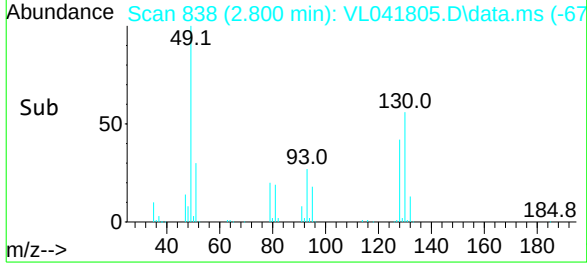
Instrument :
MSVOA_L
ClientSampleId :
C0AC5



Tgt Ion: 49 Resp: 73784
Ion Ratio Lower Upper
49 100
128 42.5 21.6 64.6
130 53.4 28.3 85.0

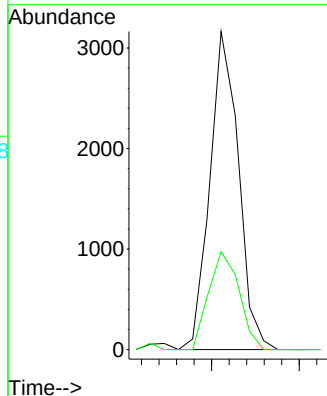
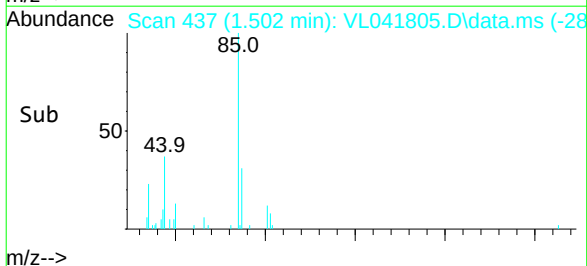
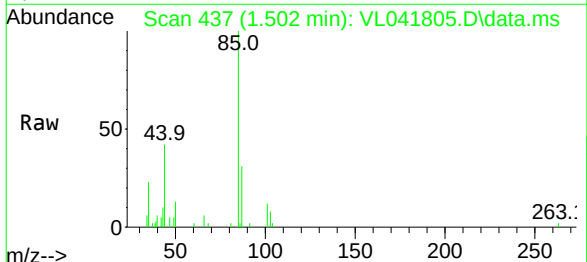
Manual Integrations
APPROVED

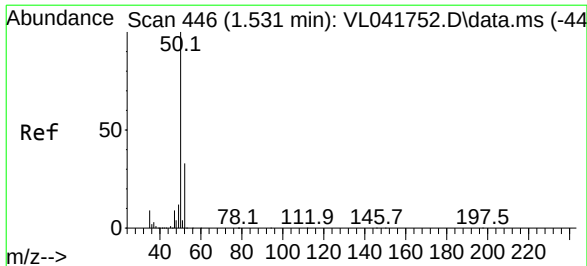
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#2
Dichlorodifluoromethane
Concen: 0.109 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

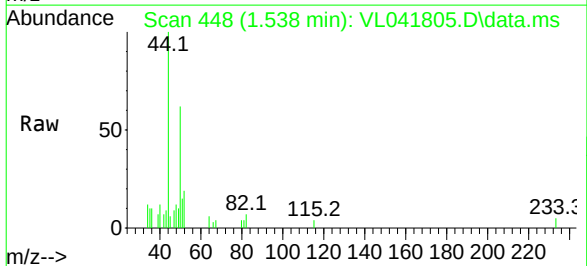
Tgt Ion: 85 Resp: 1437
Ion Ratio Lower Upper
85 100
87 30.8 24.5 36.7





#4
Chloromethane
Concen: 0.108 ppbv
RT: 1.538 min Scan# 446
Delta R.T. 0.006 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

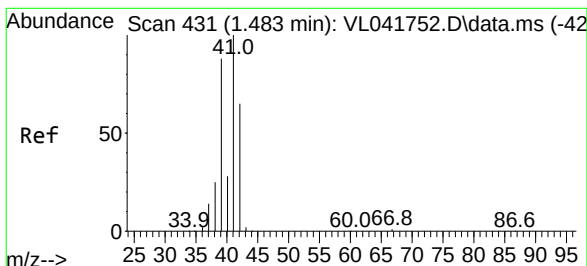
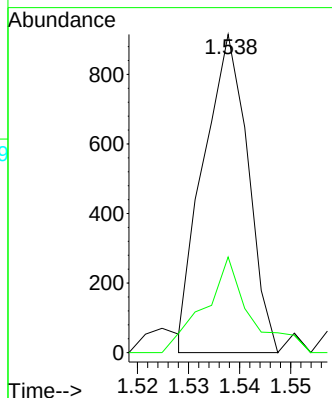
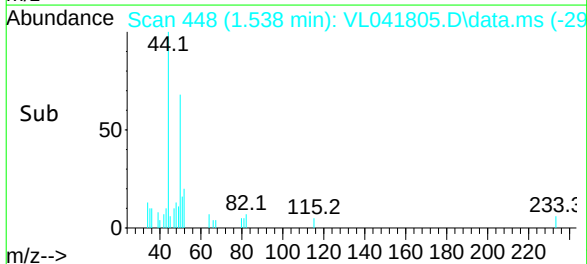
Instrument :
MSVOA_L
ClientSampleId :
C0AC5



Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 23.9 26.2 39.2

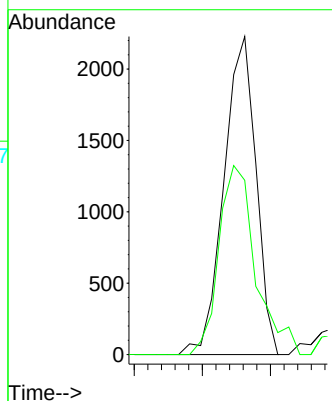
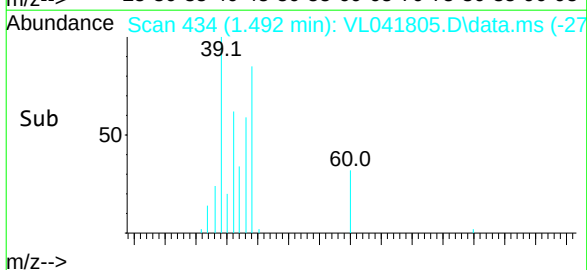
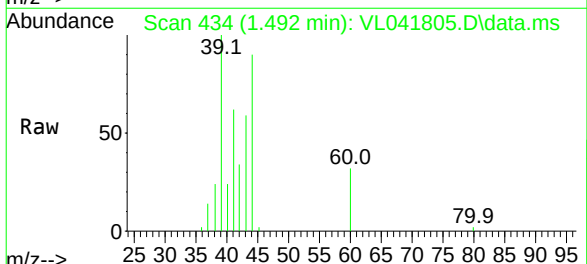
Manual Integrations
APPROVED

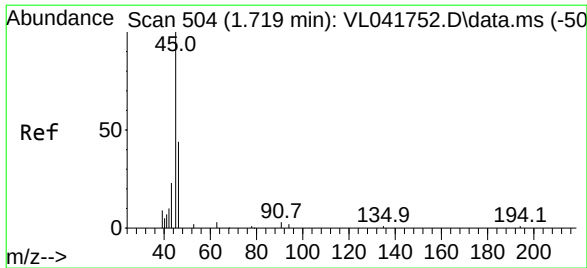
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#9
Propene
Concen: 0.280 ppbv
RT: 1.492 min Scan# 434
Delta R.T. 0.010 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

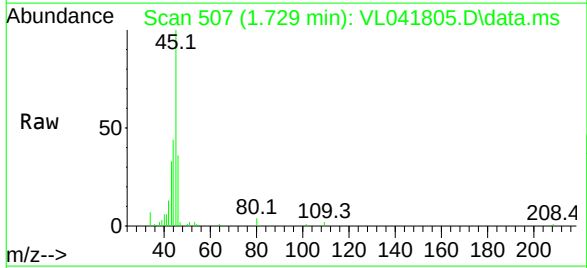
Tgt Ion: 41 Resp: 1458
Ion Ratio Lower Upper
41 100
42 68.1 52.4 78.6





#13
Ethanol
Concen: 6.982 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

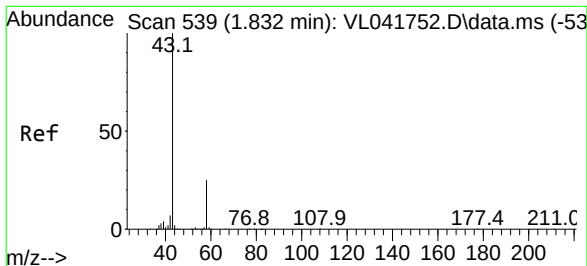
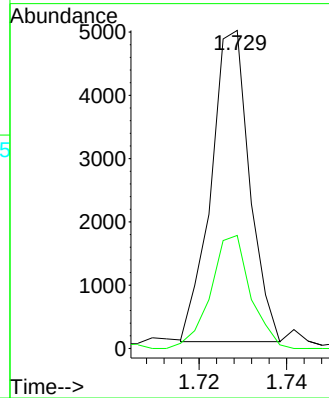
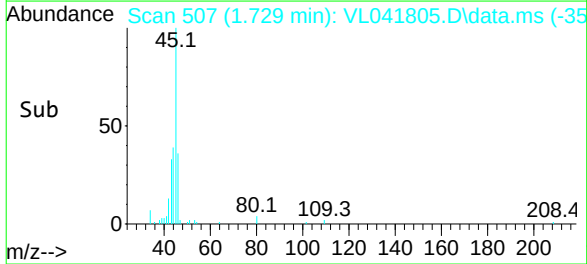
Instrument :
MSVOA_L
ClientSampleId :
C0AC5



Tgt Ion: 45 Resp: 3015
Ion Ratio Lower Upper
45 100
46 0.0 16.4 65.8#

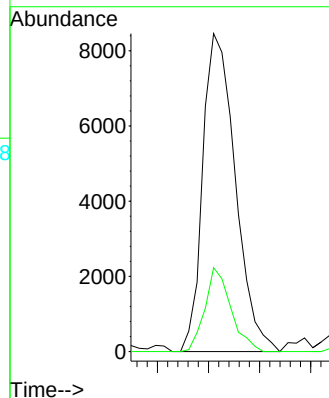
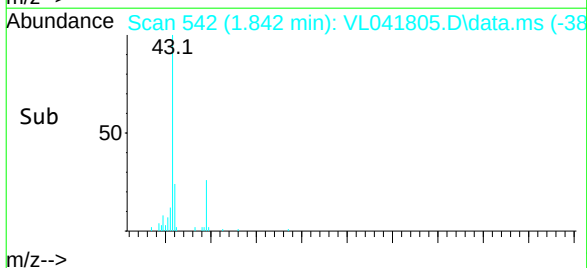
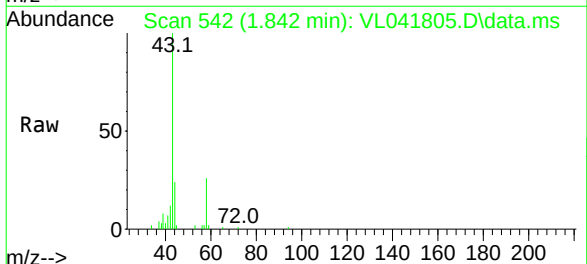
Manual Integrations
APPROVED

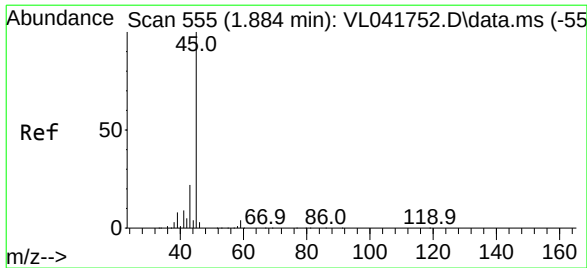
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#15
Acetone
Concen: 0.522 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.010 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

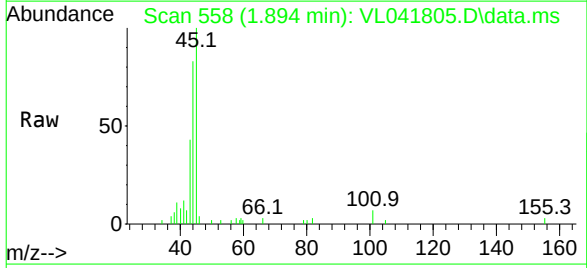
Tgt Ion: 43 Resp: 7498
Ion Ratio Lower Upper
43 100
58 21.0 19.7 29.5





#19
Isopropyl Alcohol
Concen: 0.278 ppbv m
RT: 1.894 min Scan# 555
Delta R.T. 0.010 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

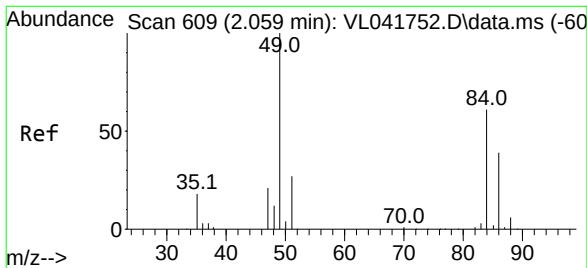
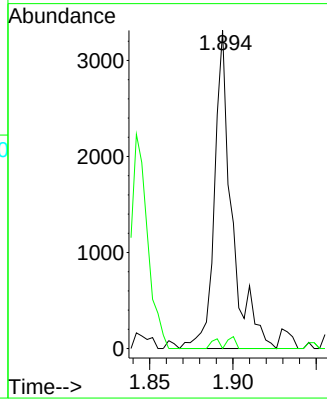
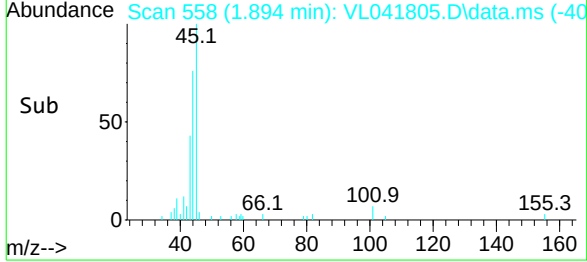
Instrument :
MSVOA_L
ClientSampleId :
C0AC5



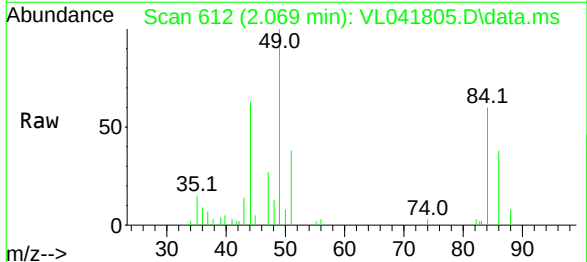
Tgt Ion: 45 Resp: 2398
Ion Ratio Lower Upper
45 100
58 25.6 33.3 49.9#

Manual Integrations
APPROVED

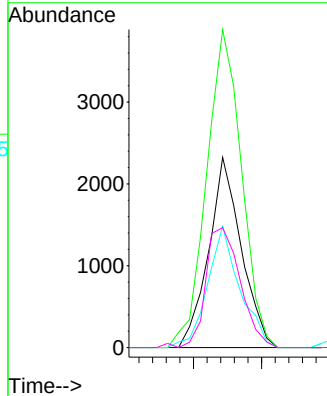
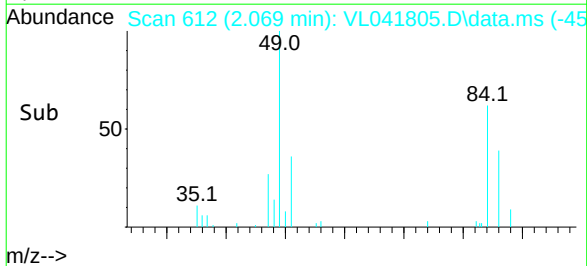
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

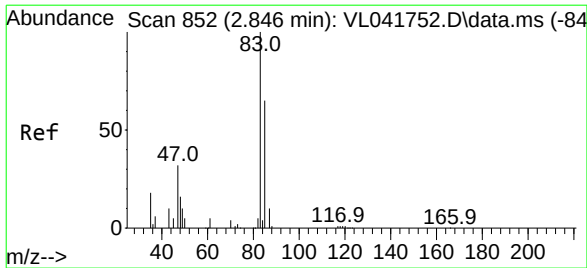


#20
Methylene Chloride
Concen: 0.377 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35



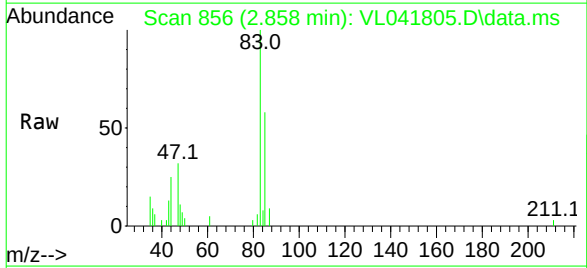
Tgt Ion: 84 Resp: 1545
Ion Ratio Lower Upper
84 100
49 167.2 132.6 198.8
51 63.7 37.6 56.4#
86 63.1 51.4 77.0





#29
Chloroform
Concen: 0.120 ppbv
RT: 2.858 min Scan# 85
Delta R.T. 0.013 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35

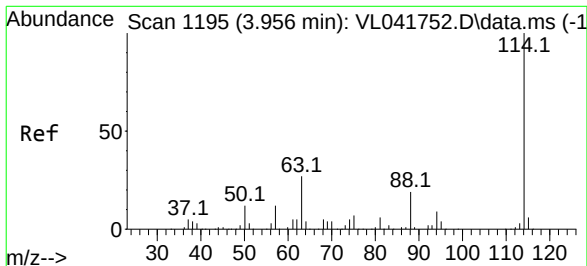
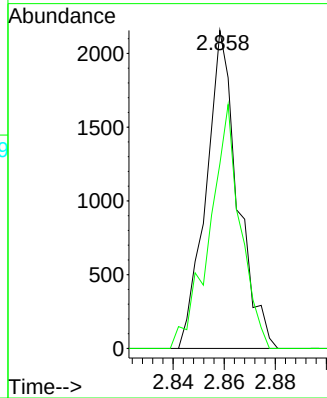
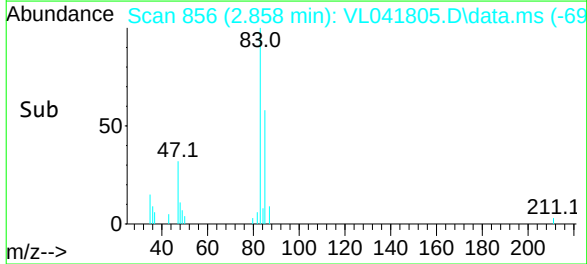
Instrument :
MSVOA_L
ClientSampleId :
C0AC5



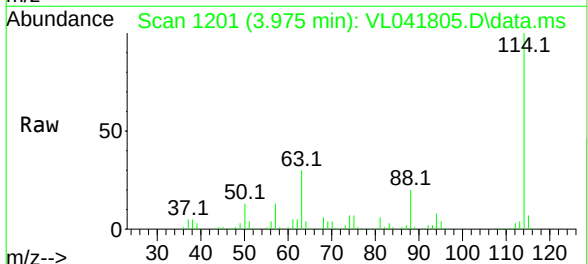
Tgt Ion: 83 Resp: 1860
Ion Ratio Lower Upper
83 100
85 58.0 51.8 77.6

Manual Integrations
APPROVED

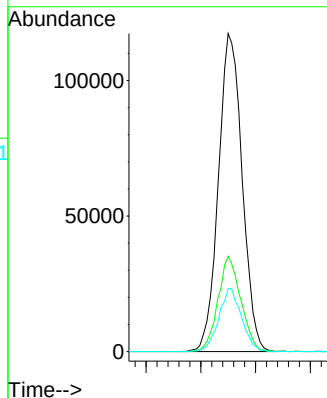
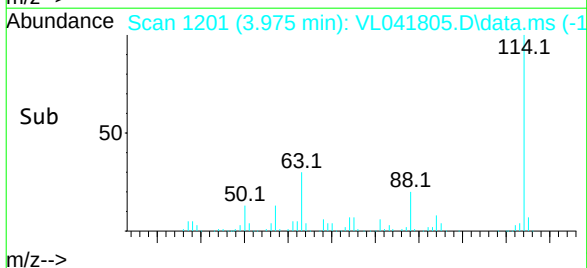
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

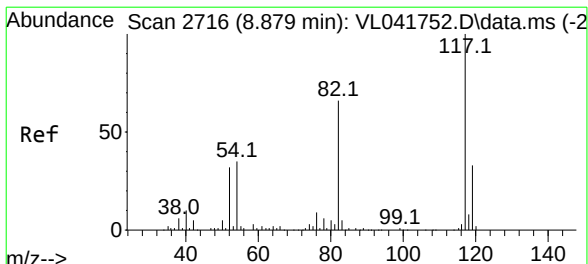


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.019 min
Lab File: VL041805.D
Acq: 18 Dec 2024 21:35



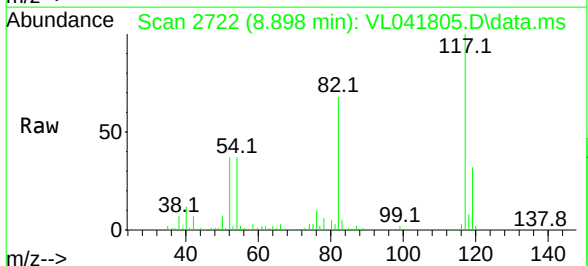
Tgt Ion:114 Resp: 176556
Ion Ratio Lower Upper
114 100
63 28.9 21.8 32.8
88 19.0 14.8 22.2





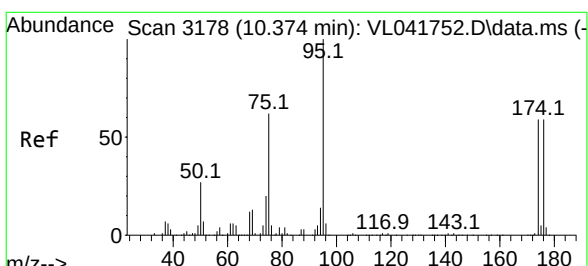
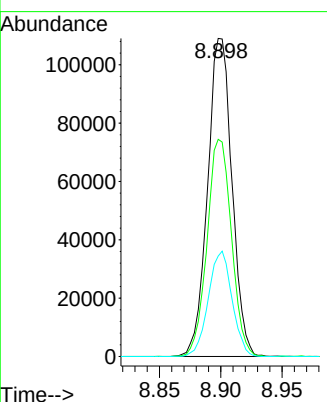
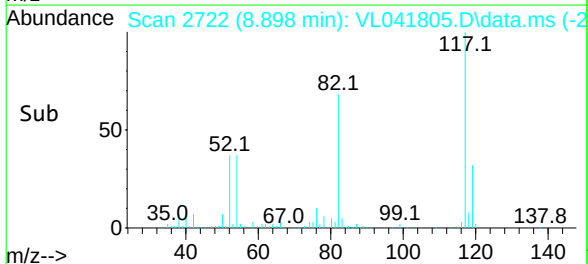
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.898 min Scan# 2716
 Delta R.T. 0.019 min
 Lab File: VL041805.D
 Acq: 18 Dec 2024 21:35

Instrument : MSVOA_L
 ClientSampleId : C0AC5

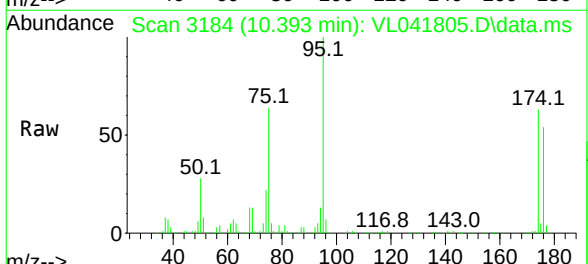


Tgt Ion:	117	Resp:	151082
Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.8	80.8
119	32.2	26.7	40.1

Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 12/19/2024
 Supervised By :Mahesh Dadoda 12/19/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.039 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.019 min
 Lab File: VL041805.D
 Acq: 18 Dec 2024 21:35



Tgt Ion:	95	Resp:	126391
Ion	Ratio	Lower	Upper
95	100		
174	58.9	47.6	71.4
175	4.6	3.7	5.5

