

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041372.D
 Acq On : 1 Jul 2024 17:49
 Operator : SY/MD
 Sample : CAN 10597
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10597

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

Quant Time: Jul 01 23:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	908910	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2352647	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2099742	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1518191	9.647	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.777	85	21296	0.137	ppbv	92
13) Ethanol	3.298	45	36324m	3.019	ppbv	
15) Acetone	3.507	43	719959	5.998	ppbv	99
20) Methylene Chloride	3.967	84	1141702	26.212	ppbv	97
25) Ethyl Acetate	5.234	43	1469131	6.646	ppbv #	76
26) Hexane	5.237	57	2101631	21.472	ppbv #	41

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

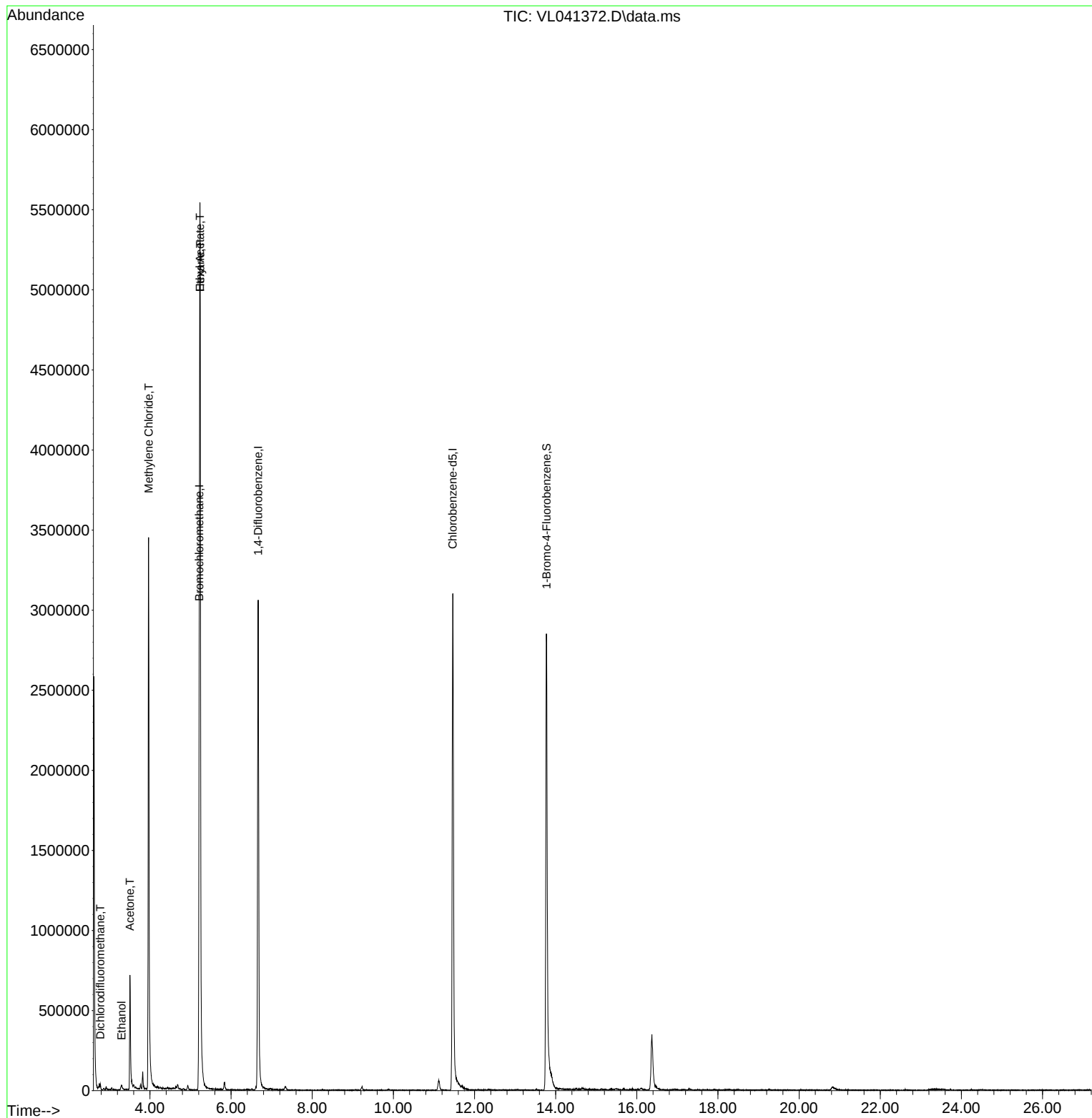
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
Data File : VL041372.D
Acq On : 1 Jul 2024 17:49
Operator : SY/MD
Sample : CAN 10597
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

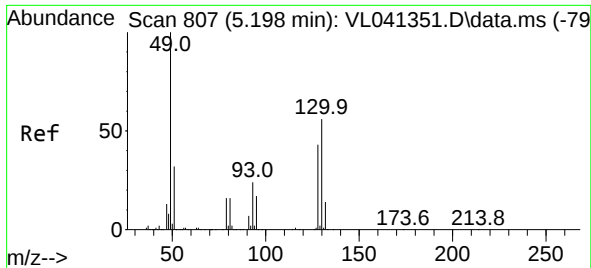
Instrument :
MSVOA_L
ClientSampleId :
CAN 10597

Quant Time: Jul 01 23:32:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 01 23:27:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

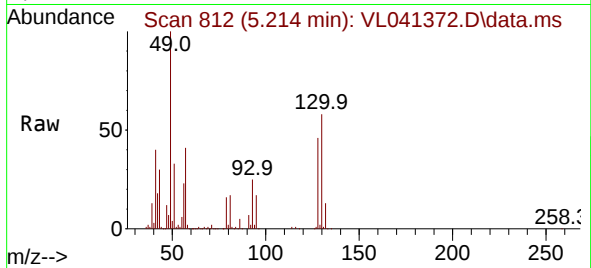
Reviewed By : Mahesh Dadoda 07/02/2024
Supervised By : Semsettin Yesilyurt 07/02/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.004 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

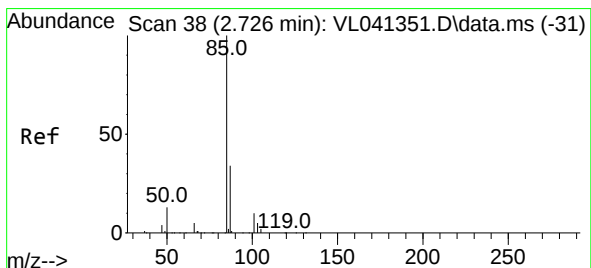
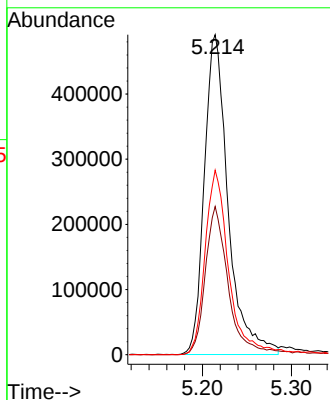
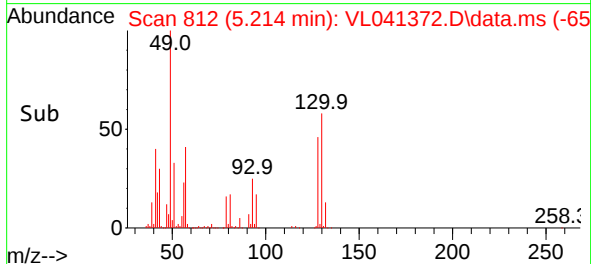
Instrument : MSVOA_L
ClientSampleId : CAN 10597



Tgt Ion: 49 Resp: 908910
Ion Ratio Lower Upper
49 100
128 46.0 22.8 68.3
130 59.0 28.9 86.7

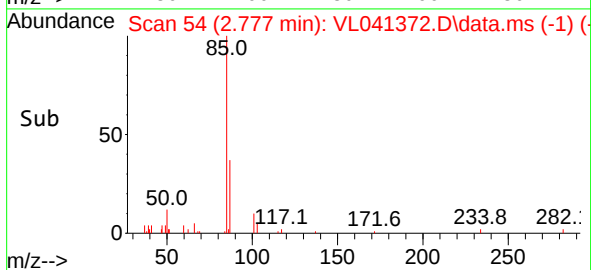
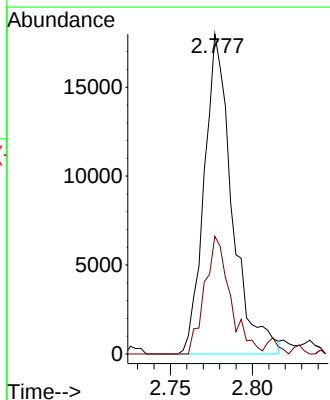
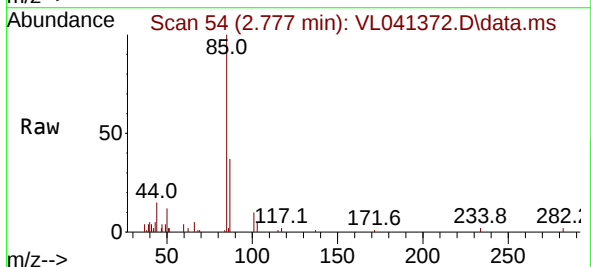
Manual Integrations
APPROVED

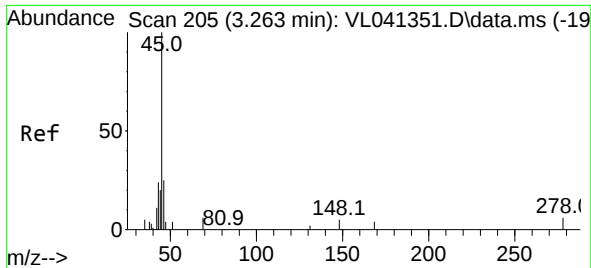
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#2
Dichlorodifluoromethane
Concen: 0.137 ppbv
RT: 2.777 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

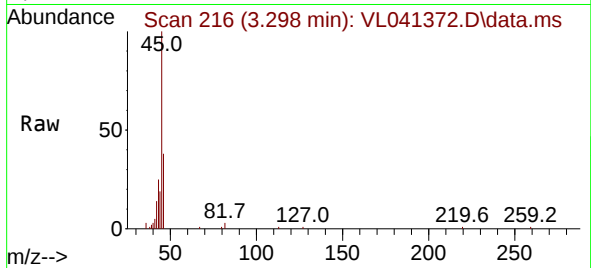
Tgt Ion: 85 Resp: 21296
Ion Ratio Lower Upper
85 100
87 36.8 25.9 38.9





#13
Ethanol
Concen: 3.019 ppbv m
RT: 3.298 min Scan# 216
Delta R.T. 0.016 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

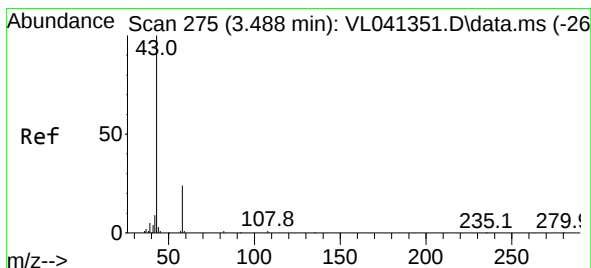
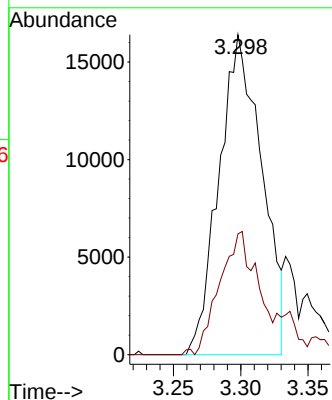
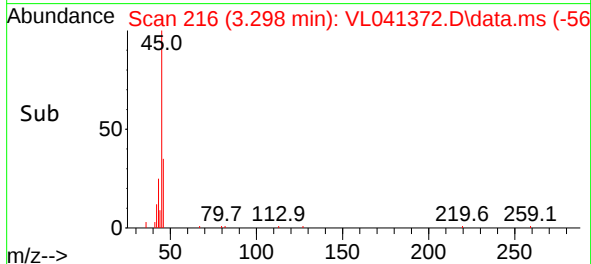
Instrument :
MSVOA_L
ClientSampleId :
CAN 10597



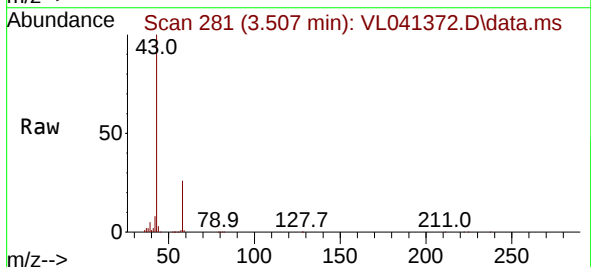
Tgt Ion: 45 Resp: 36324
Ion Ratio Lower Upper
45 100
46 43.2 13.3 53.3

Manual Integrations
APPROVED

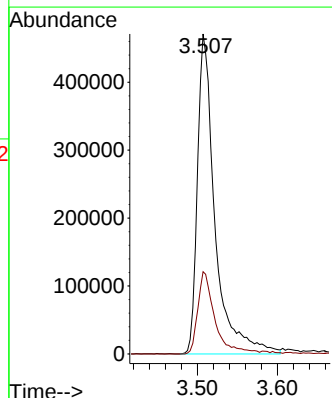
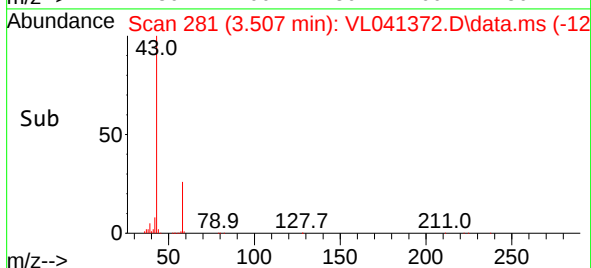
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

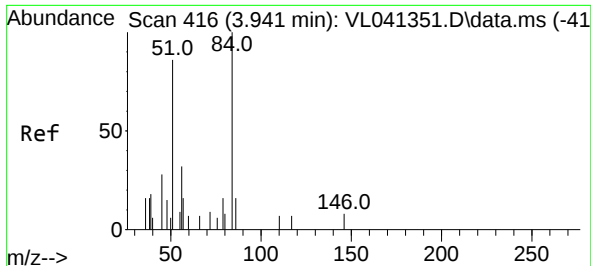


#15
Acetone
Concen: 5.998 ppbv
RT: 3.507 min Scan# 281
Delta R.T. 0.003 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49



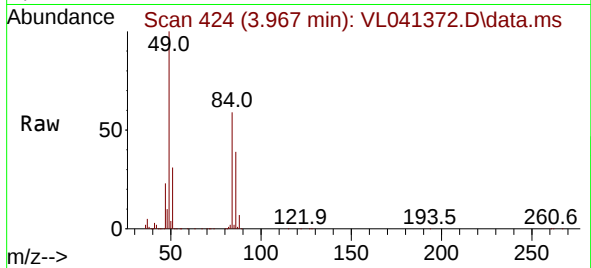
Tgt Ion: 43 Resp: 719959
Ion Ratio Lower Upper
43 100
58 25.9 20.3 30.5





#20
Methylene Chloride
Concen: 26.212 ppbv
RT: 3.967 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

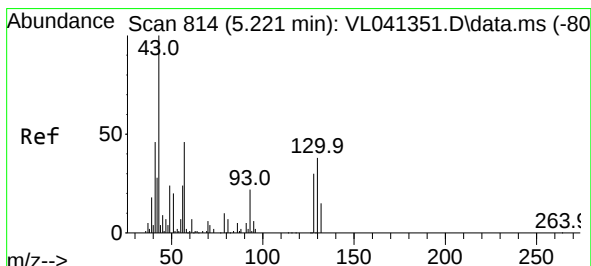
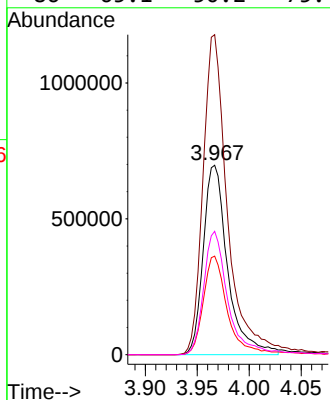
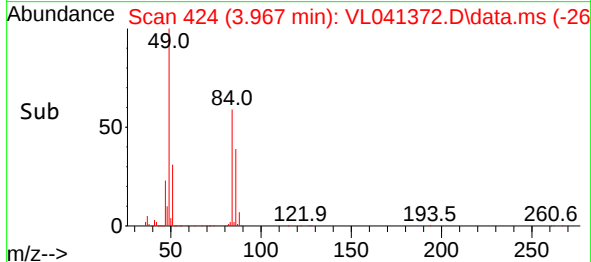
Instrument :
MSVOA_L
ClientSampleId :
CAN 10597



Tgt Ion: 84 Resp: 1141702
Ion Ratio Lower Upper
84 100
49 168.9 131.8 197.6
51 52.0 39.6 59.4
86 65.1 50.2 75.4

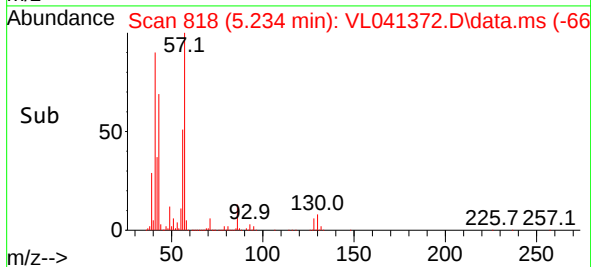
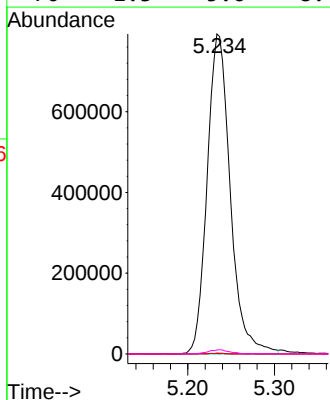
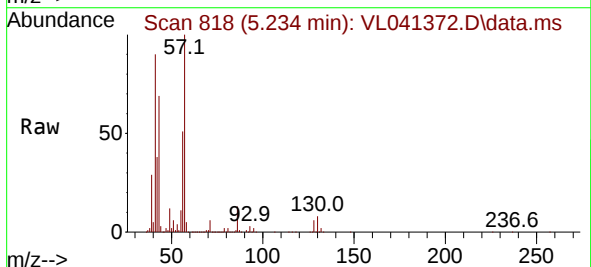
Manual Integrations
APPROVED

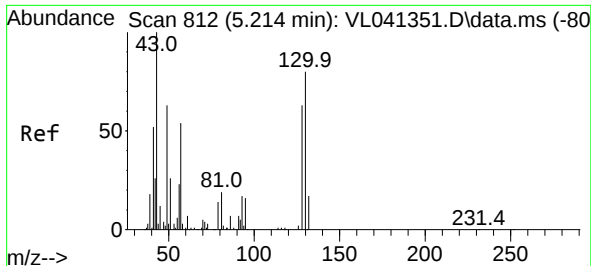
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#25
Ethyl Acetate
Concen: 6.646 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.006 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

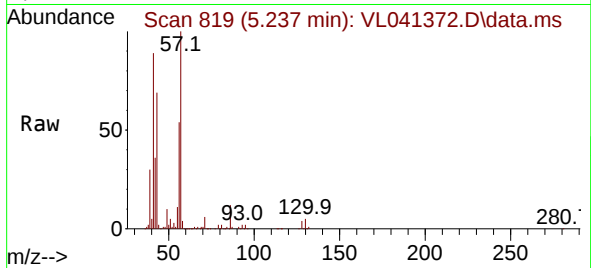
Tgt Ion: 43 Resp: 1469131
Ion Ratio Lower Upper
43 100
45 0.2 8.3 12.5#
61 0.2 7.7 11.5#
70 1.3 5.6 8.4#





#26
Hexane
Concen: 21.472 ppbv
RT: 5.237 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

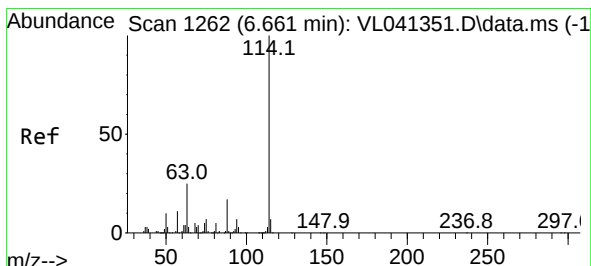
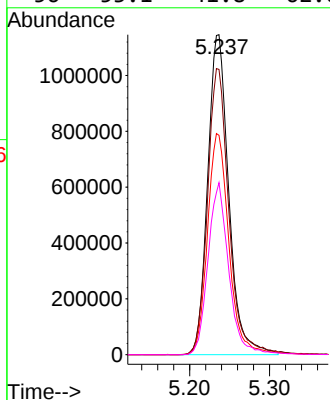
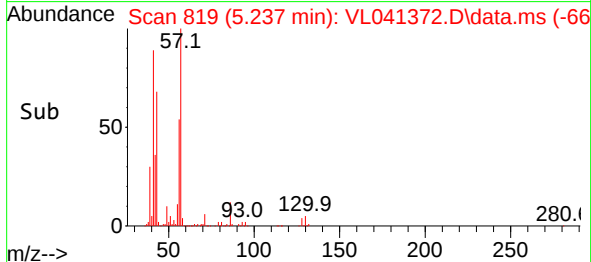
Instrument :
MSVOA_L
ClientSampleId :
CAN 10597



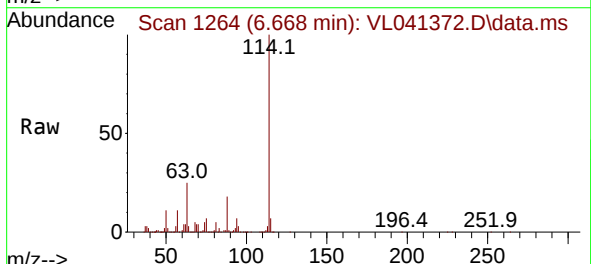
Tgt Ion: 57 Resp: 210163
Ion Ratio Lower Upper
57 100
41 91.4 73.7 110.5
43 70.7 182.2 273.2
56 53.1 41.8 62.6

Manual Integrations
APPROVED

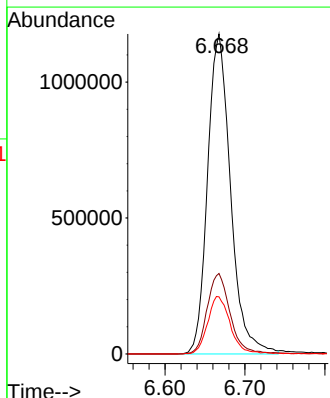
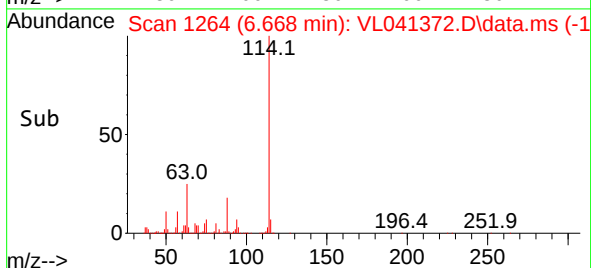
Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024

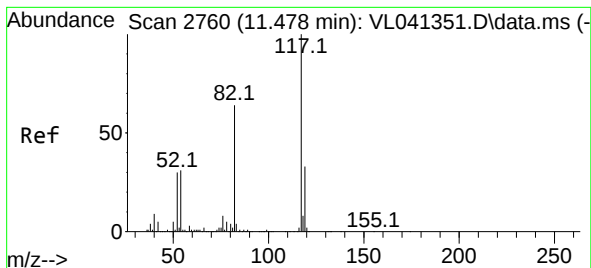


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49



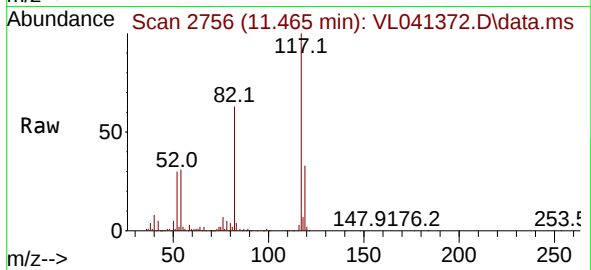
Tgt Ion:114 Resp: 2352647
Ion Ratio Lower Upper
114 100
63 25.4 20.6 31.0
88 17.9 14.6 21.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49

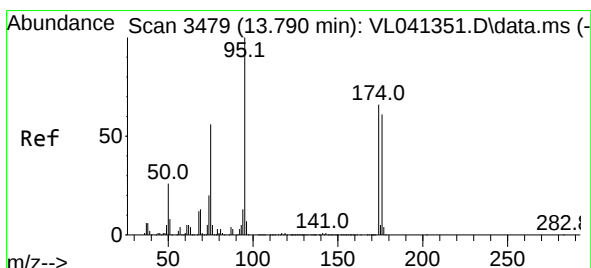
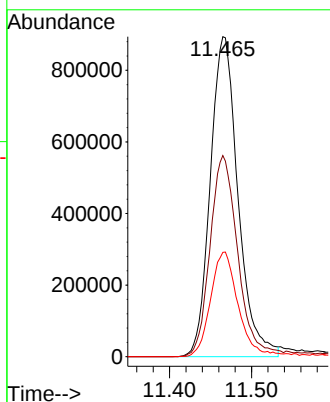
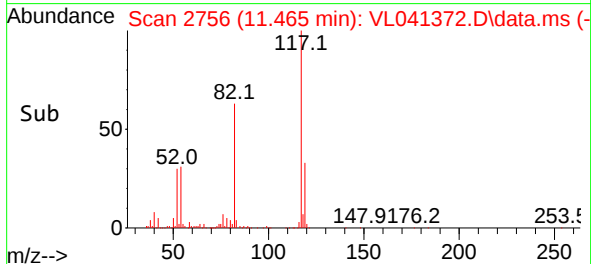
Instrument :
MSVOA_L
ClientSampleId :
CAN 10597



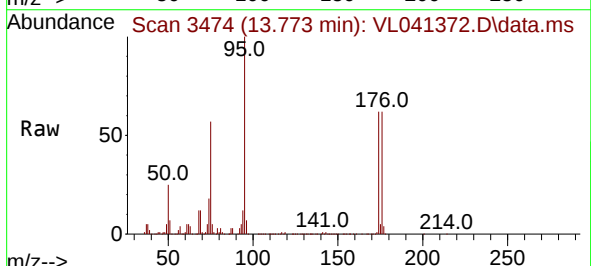
Tgt Ion: 117 Resp: 209974
Ion Ratio Lower Upper
117 100
82 65.9 50.6 75.8
119 33.8 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
Supervised By :Semsettin Yesilyurt 07/02/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.647 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.003 min
Lab File: VL041372.D
Acq: 1 Jul 2024 17:49



Tgt Ion: 95 Resp: 1518191
Ion Ratio Lower Upper
95 100
174 69.2 53.1 79.7
175 4.9 4.0 6.0

