

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042819.D
 Acq On : 04 Aug 2025 23:04
 Operator : SY/MD
 Sample : Q2750-08DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-9DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 01:14:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 05 01:14:49 2025
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	146039	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	370265	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	315446	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	241976	9.686	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	1.473	51	72506	2.883	ppbv	98
9) Propene	1.486	41	7131m	0.780	ppbv	
13) Ethanol	1.719	45	147608	220.605	ppbv	90
15) Acetone	1.832	43	154472	7.660	ppbv	99
19) Isopropyl Alcohol	1.887	45	3693911	344.700	ppbv #	40
20) Methylene Chloride	2.062	84	1789	0.282	ppbv #	61

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

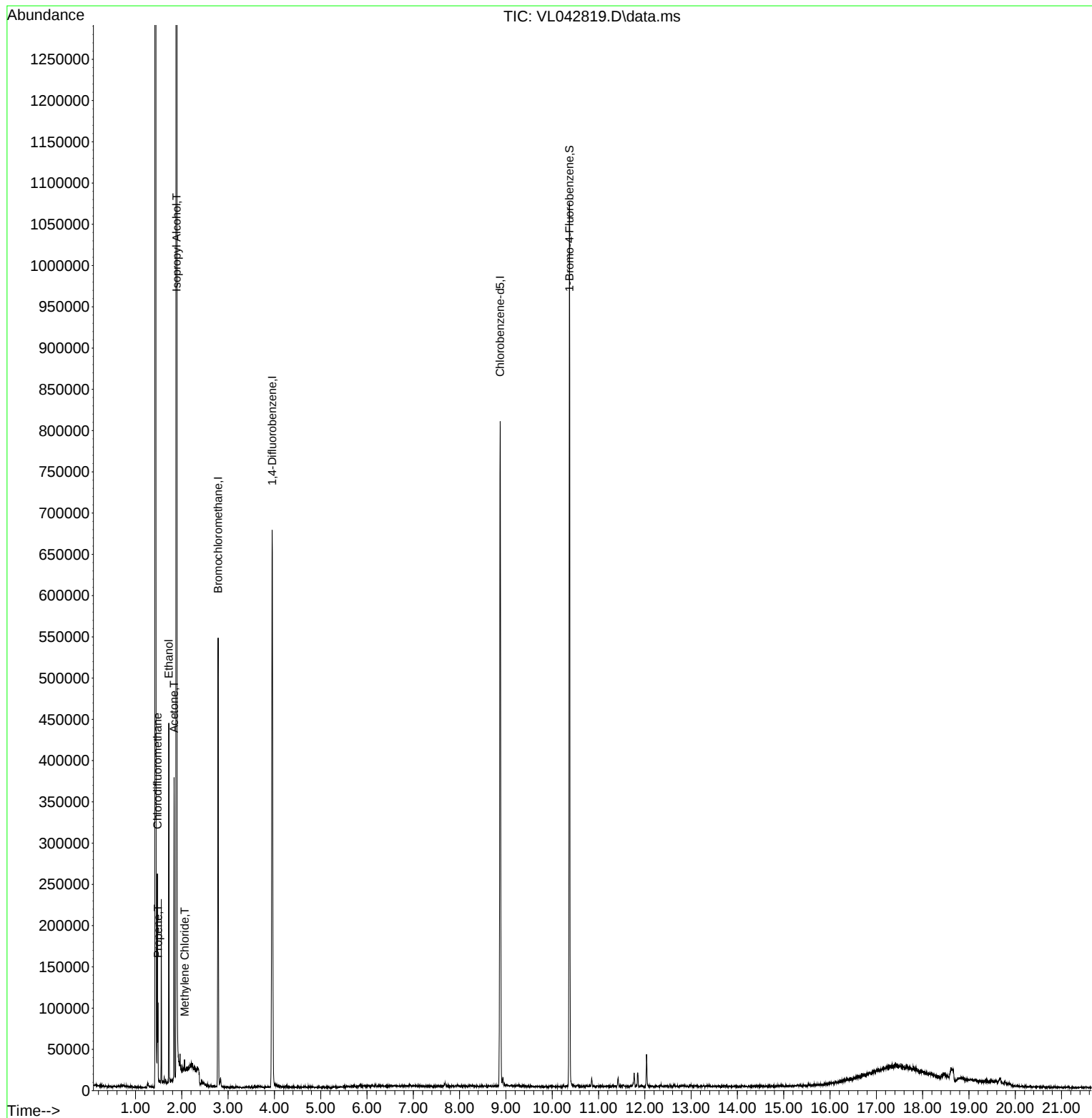
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
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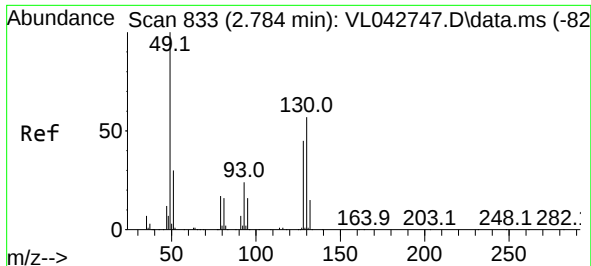
Instrument :
MSVOA_L
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Quant Time: Aug 05 01:14:49 2025
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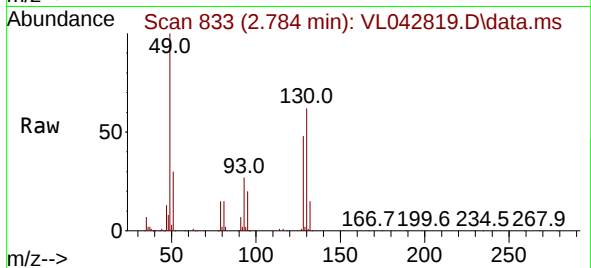
Reviewed By : Semsettin Yesilyurt 08/05/2025
Supervised By : Mahesh Dadoda 08/05/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042819.D
Acq: 04 Aug 2025 23:04

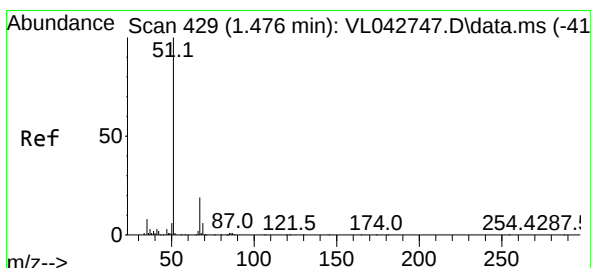
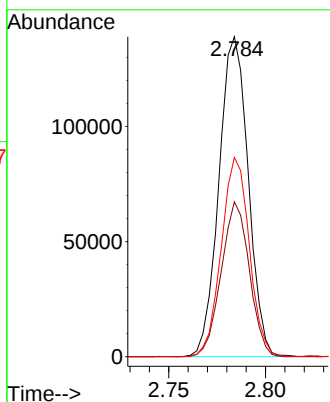
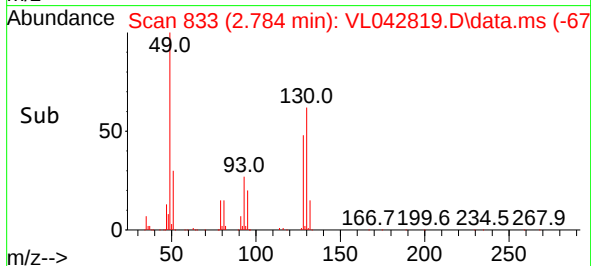
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9DL



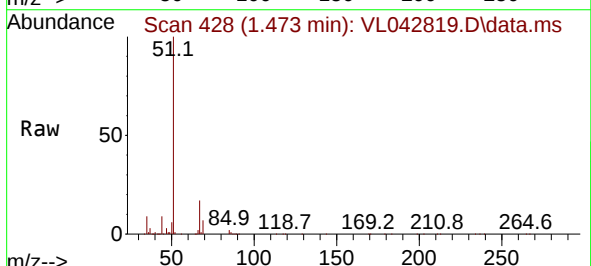
Tgt Ion: 49 Resp: 146039
Ion Ratio Lower Upper
49 100
128 46.5 23.6 71.0
130 59.9 30.3 90.8

Manual Integrations
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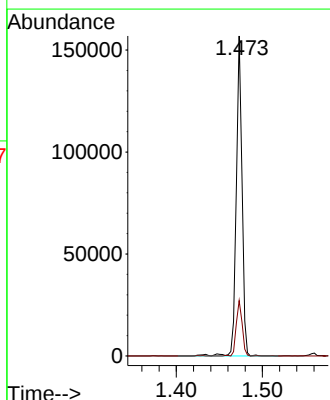
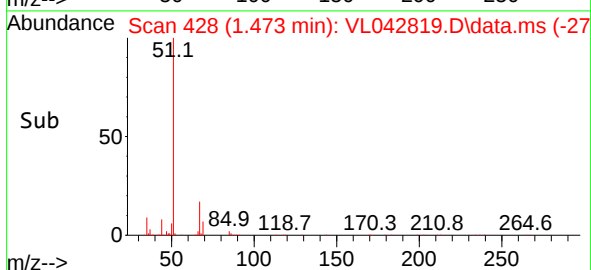
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

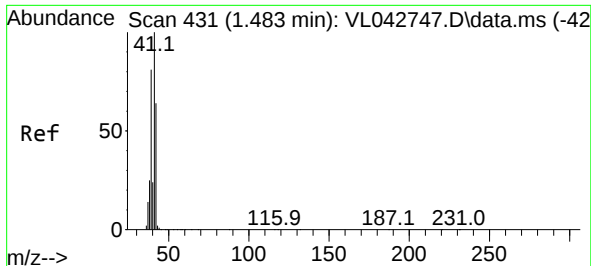


#3
Chlorodifluoromethane
Concen: 2.883 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042819.D
Acq: 04 Aug 2025 23:04



Tgt Ion: 51 Resp: 72506
Ion Ratio Lower Upper
51 100
67 17.8 15.0 22.6





#9

Propene

Concen: 0.780 ppbv m

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042819.D

Acq: 04 Aug 2025 23:04

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-9DL

Tgt Ion: 41 Resp: 713

Ion Ratio Lower Upper

41 100

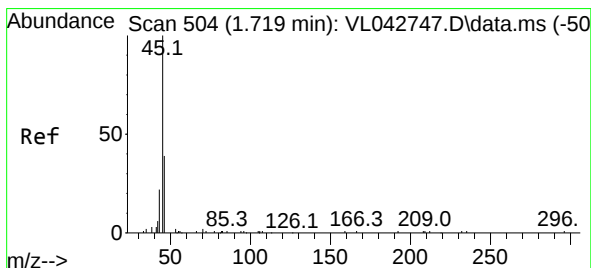
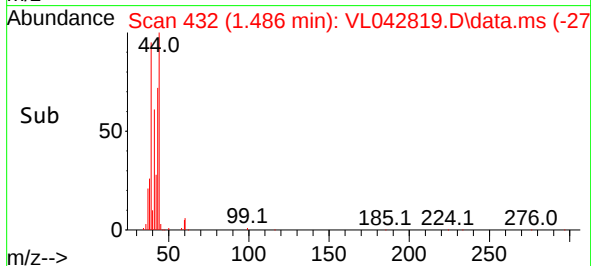
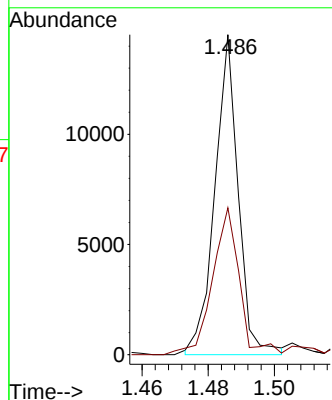
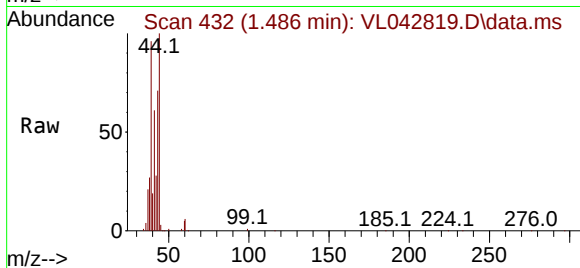
42 6957.8 53.2 79.8

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Supervised By :Mahesh Dadoda 08/05/2025



#13

Ethanol

Concen: 220.605 ppbv

RT: 1.719 min Scan# 504

Delta R.T. 0.000 min

Lab File: VL042819.D

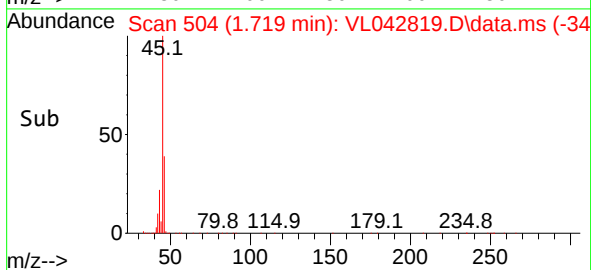
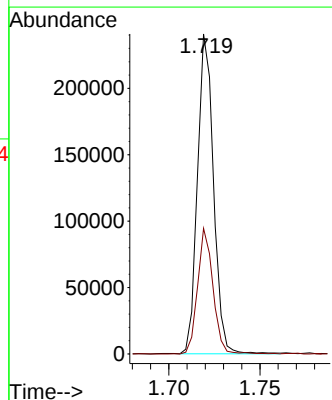
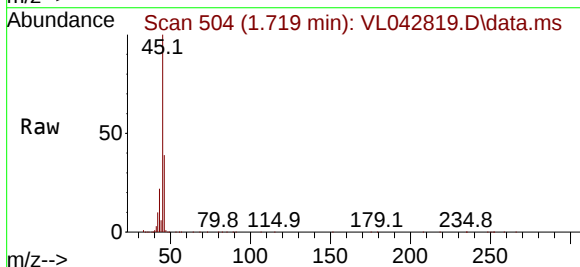
Acq: 04 Aug 2025 23:04

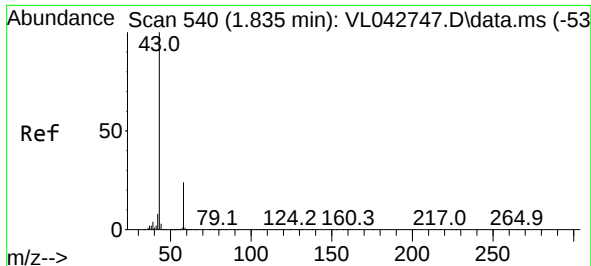
Tgt Ion: 45 Resp: 147608

Ion Ratio Lower Upper

45 100

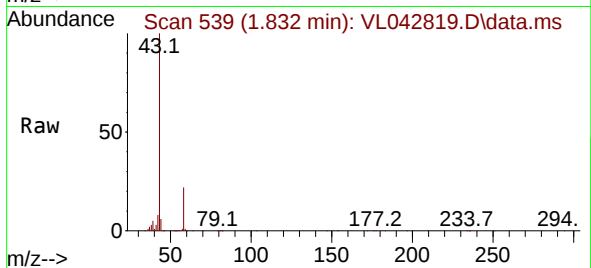
46 37.8 17.8 71.4





#15
Acetone
Concen: 7.660 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042819.D
Acq: 04 Aug 2025 23:04

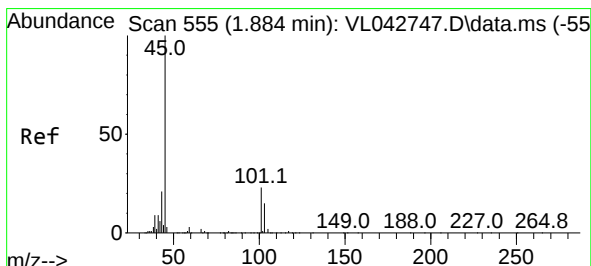
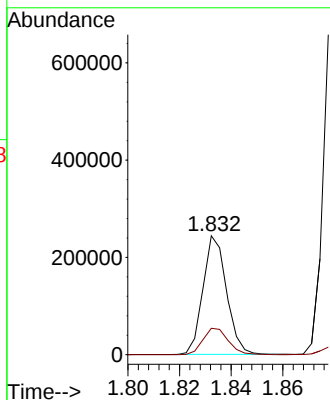
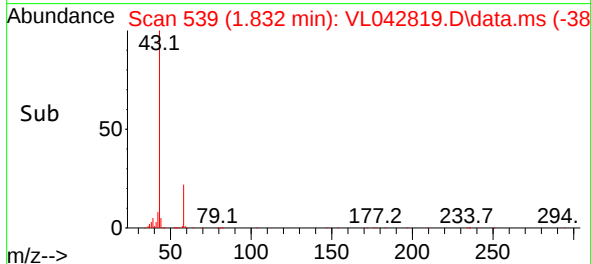
Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-9DL



Tgt Ion: 43 Resp: 154472
Ion Ratio Lower Upper
43 100
58 24.1 19.8 29.8

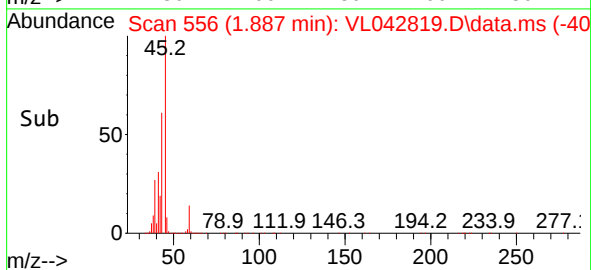
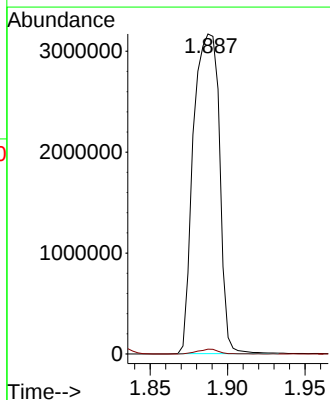
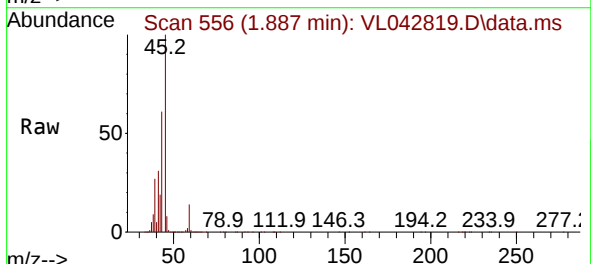
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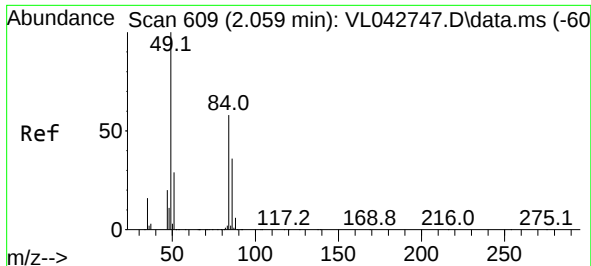
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#19
Isopropyl Alcohol
Concen: 344.700 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042819.D
Acq: 04 Aug 2025 23:04

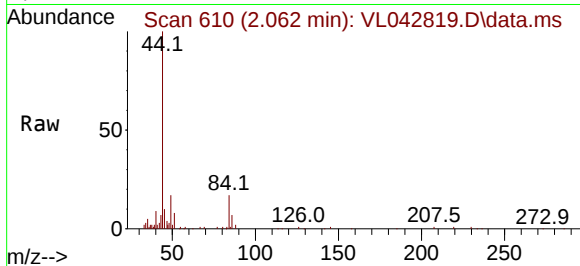
Tgt Ion: 45 Resp: 3693911
Ion Ratio Lower Upper
45 100
58 1.3 30.0 45.0#





#20
Methylene Chloride
Concen: 0.282 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042819.D
Acq: 04 Aug 2025 23:04

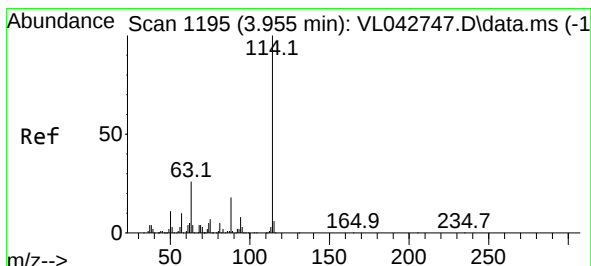
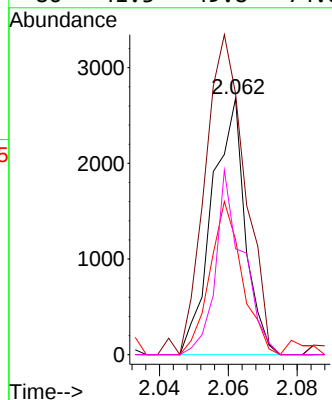
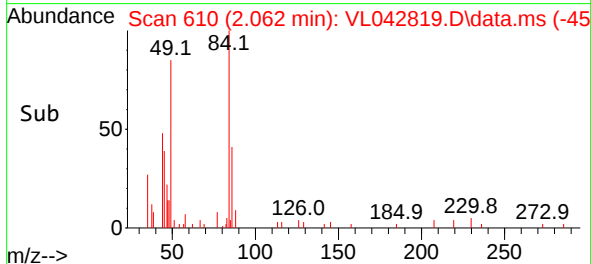
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Tgt Ion: 84	Resp: 1789
Ion Ratio	Lower Upper
84	100
49	101.9 138.6 208.0
51	44.9 40.6 61.0
86	41.3 49.8 74.8

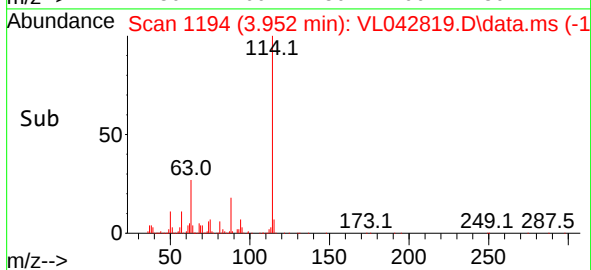
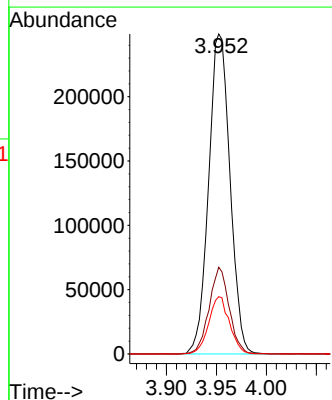
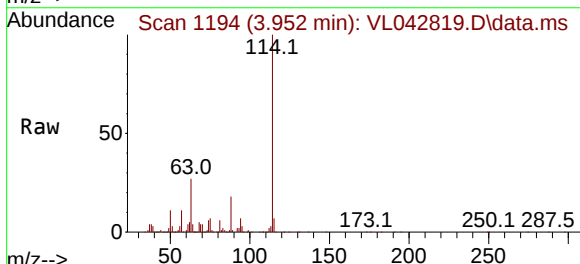
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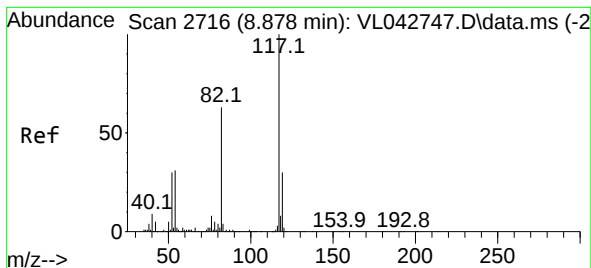
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.003 min
Lab File: VL042819.D
Acq: 04 Aug 2025 23:04

Tgt Ion:114	Resp: 370265
Ion Ratio	Lower Upper
114	100
63	25.5 20.5 30.7
88	17.4 14.0 21.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042819.D

Acq: 04 Aug 2025 23:04

Instrument :

MSVOA_L

ClientSampleId :

WONDER IA-9DL

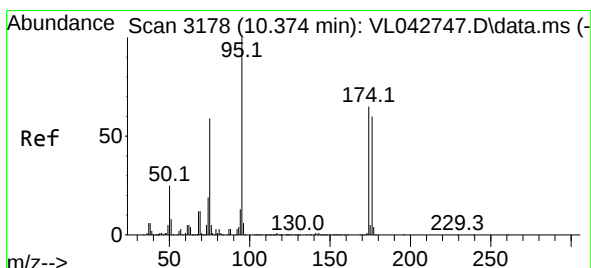
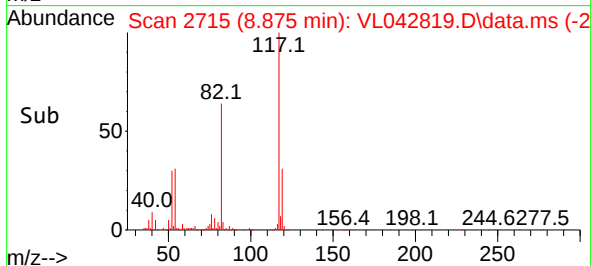
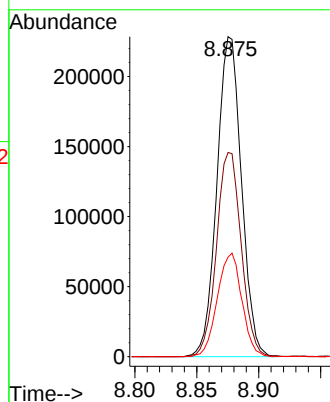
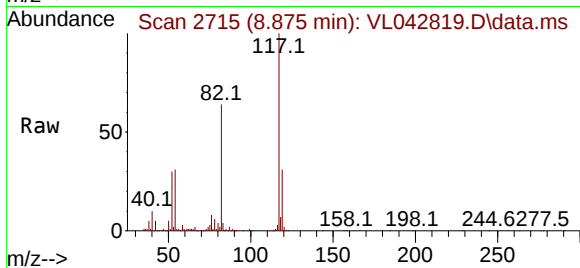
Tgt Ion: 117 Resp: 31544

Ion	Ratio	Lower	Upper
117	100		
82	64.2	53.3	79.9
119	32.4	25.8	38.6

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.686 ppbv

RT: 10.371 min Scan# 3177

Delta R.T. -0.003 min

Lab File: VL042819.D

Acq: 04 Aug 2025 23:04

Tgt Ion: 95 Resp: 241976

Ion	Ratio	Lower	Upper
95	100		
174	66.3	53.8	80.6
175	5.1	4.0	6.0

