

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087396.D
 Acq On : 22 Jul 2025 17:49
 Operator : JC\MD
 Sample : Q2669-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (JUNE)DL

Quant Time: Jul 23 05:58:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2025
 Supervised By :Semsettin Yesilyurt 07/23/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	25071	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.083	114	120236	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	108734	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	64915	34.365	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.567%#			
60) 4-Bromofluorobenzene	12.829	95	44008	26.228	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.433%			
63) Toluene-d8	10.547	98	144327	29.562	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.533%			
Target Compounds						Qvalue
15) Acetone	4.424	58	5664m	17.475	ug/l	
62) Toluene	10.612	91	214012	34.849	ug/l	98
82) p-Isopropyltoluene	13.706	119	2433	0.480	ug/l	80

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

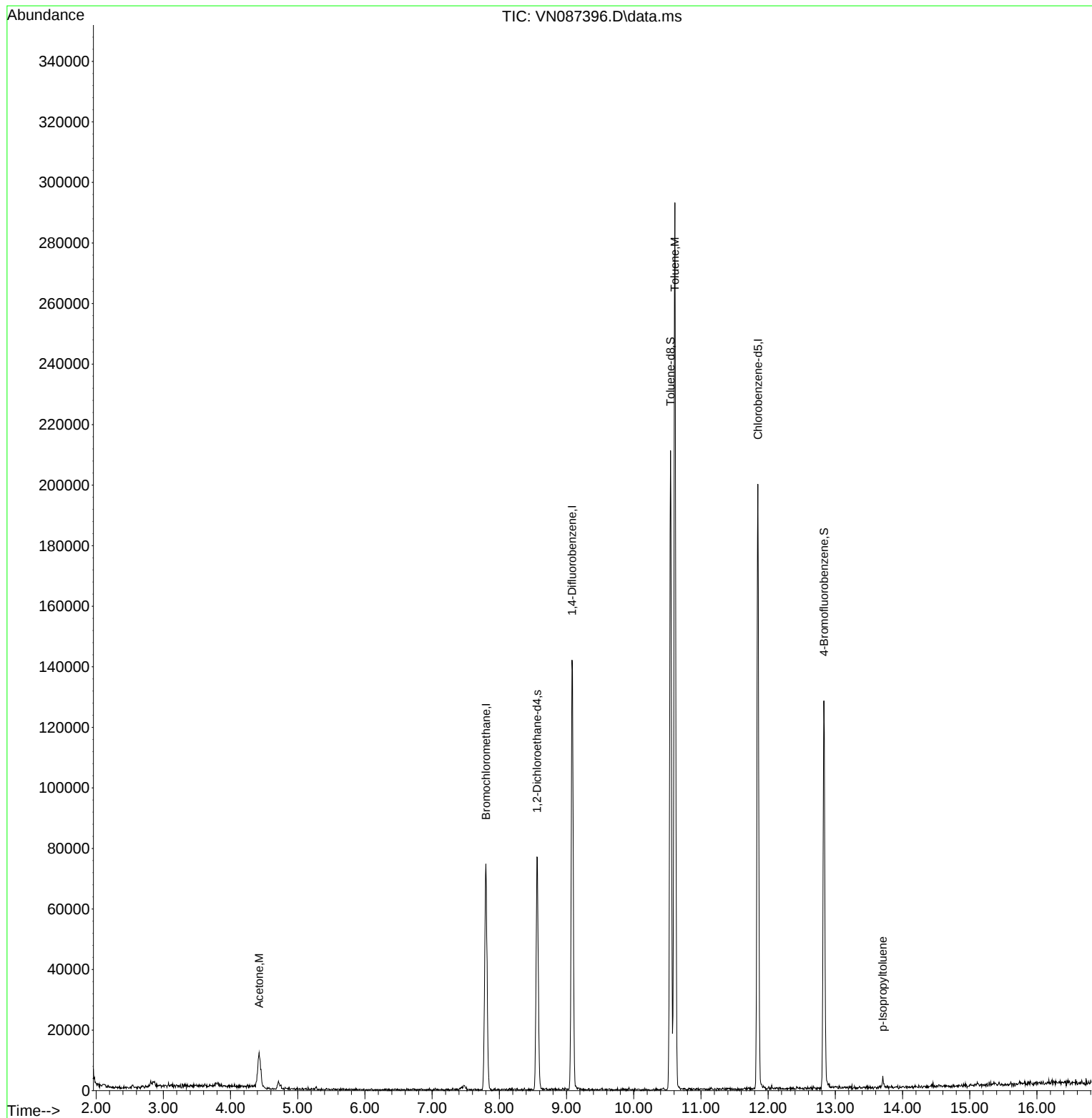
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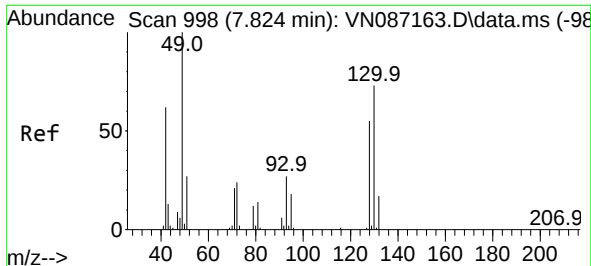
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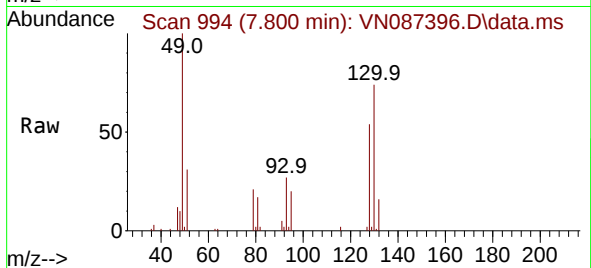
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

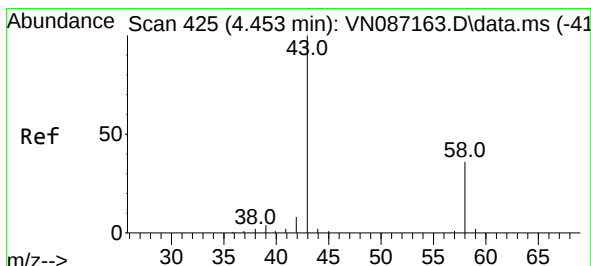
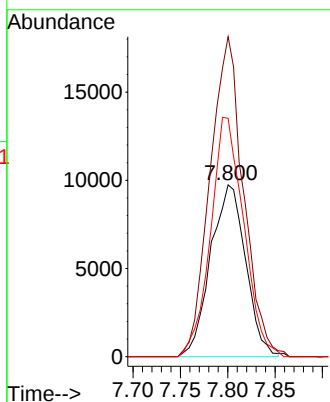
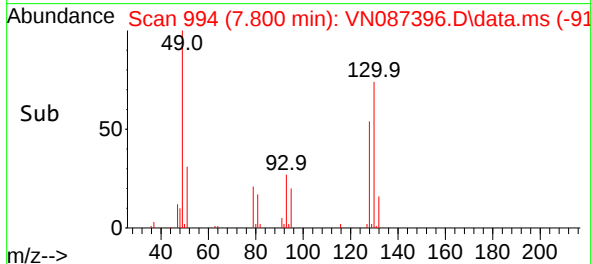
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL



Tgt Ion:128 Resp: 2507
Ion Ratio Lower Upper
128 100
49 177.8 0.0 450.5
130 131.7 0.0 320.7

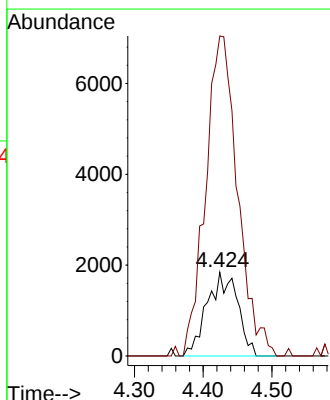
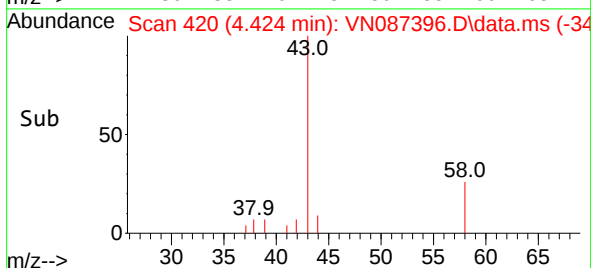
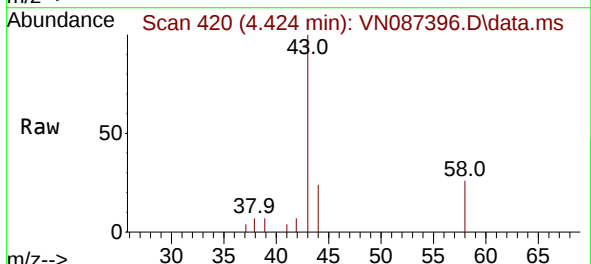
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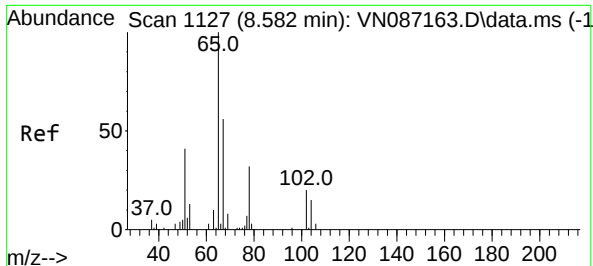
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Supervised By :Semsettin Yesilyurt 07/23/2025



#15
Acetone
Concen: 17.475 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.029 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion: 58 Resp: 5664
Ion Ratio Lower Upper
58 100
43 382.0 224.3 336.5#





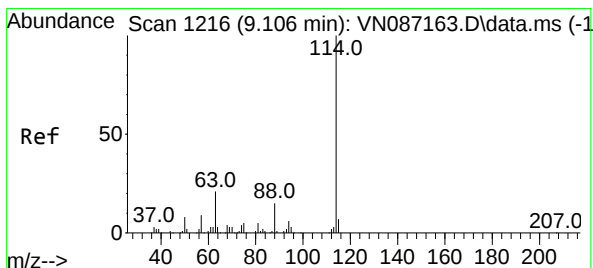
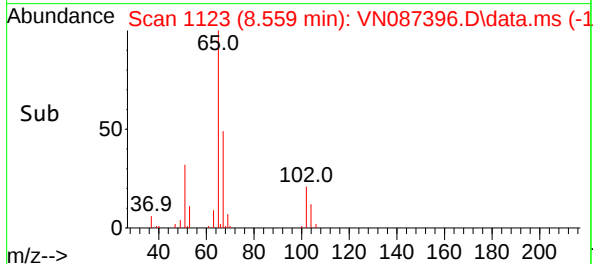
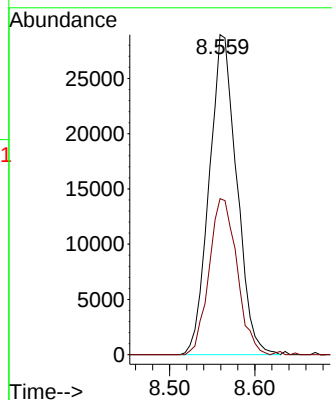
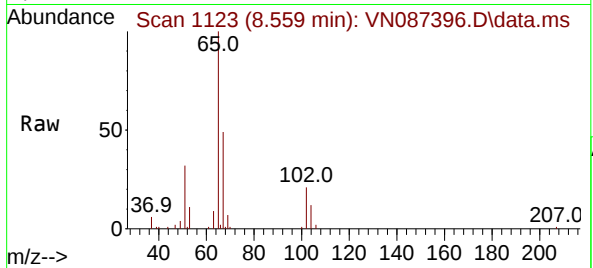
#27
1,2-Dichloroethane-d4
Concen: 34.365 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.023 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Tgt Ion: 65 Resp: 6491
Ion Ratio Lower Upper
65 100
67 49.4 41.9 62.9

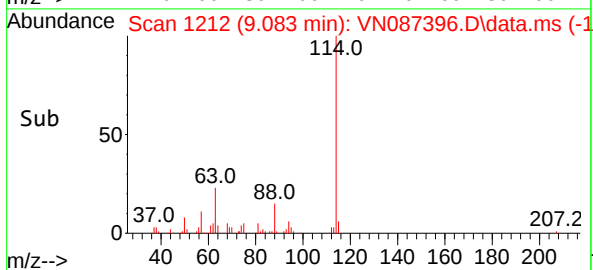
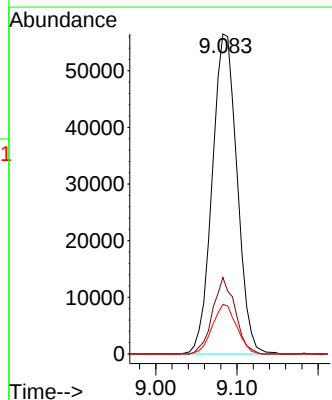
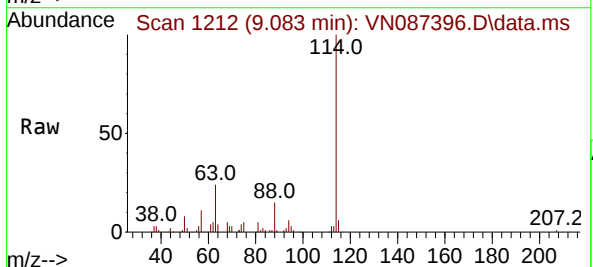
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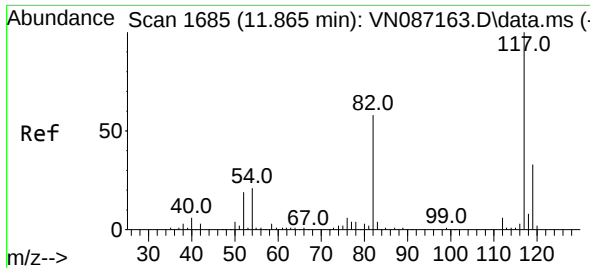
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Supervised By :Semsettin Yesilyurt 07/23/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.023 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion:114 Resp: 120236
Ion Ratio Lower Upper
114 100
63 21.7 17.0 25.4
88 15.1 12.6 19.0





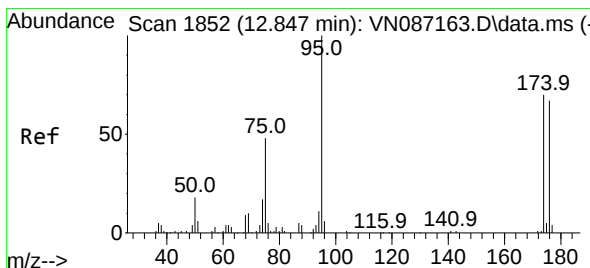
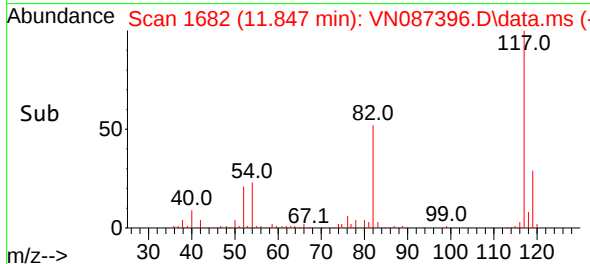
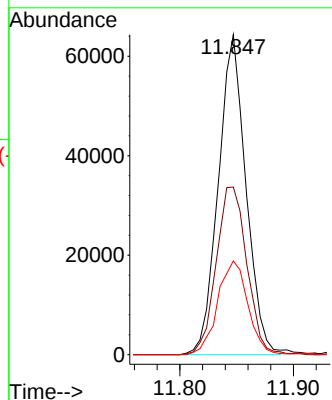
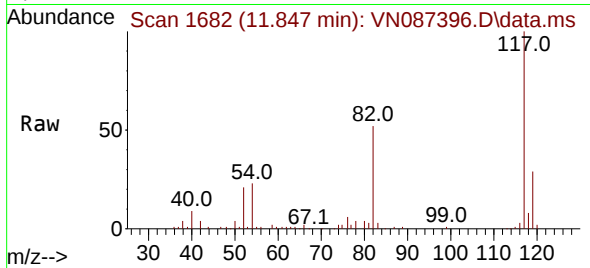
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Tgt Ion:117 Resp: 108734
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.2
119 32.0 26.2 39.4

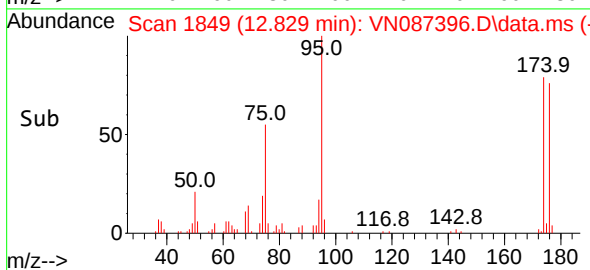
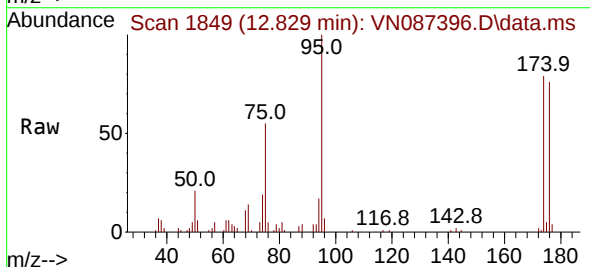
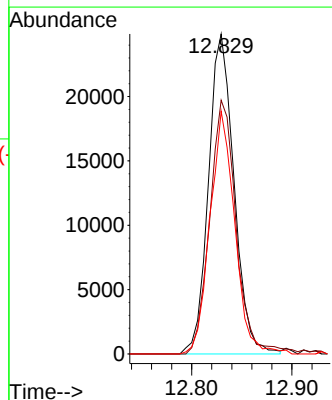
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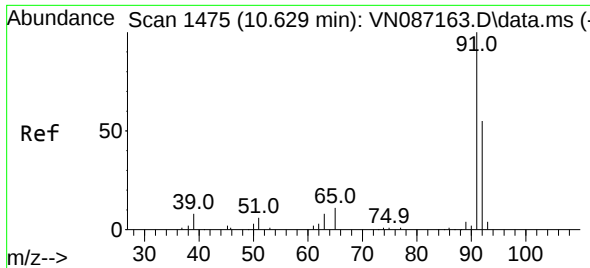
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#60
4-Bromofluorobenzene
Concen: 26.228 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Tgt Ion: 95 Resp: 44008
Ion Ratio Lower Upper
95 100
174 79.8 54.5 81.7
176 72.9 51.9 77.9





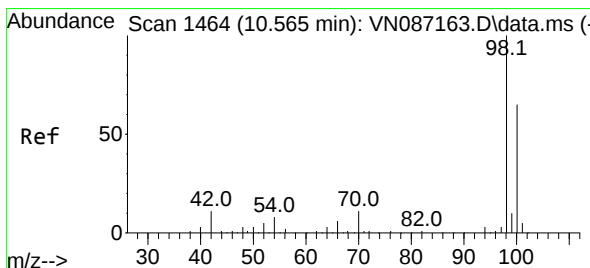
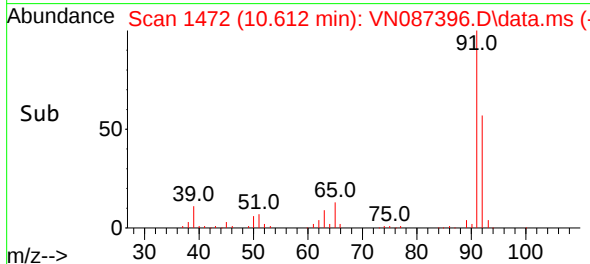
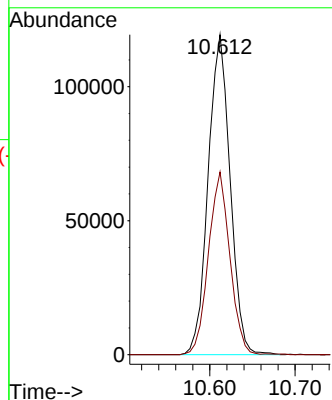
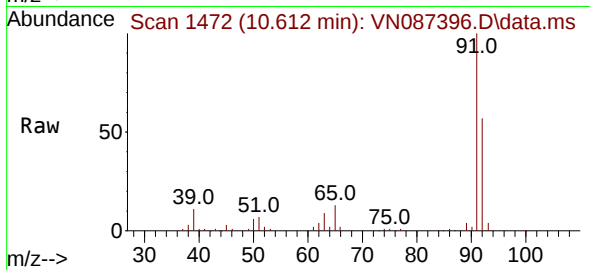
#62
Toluene
Concen: 34.849 ug/l
RT: 10.612 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Tgt Ion: 91 Resp: 214012
Ion Ratio Lower Upper
91 100
92 55.5 45.8 68.8

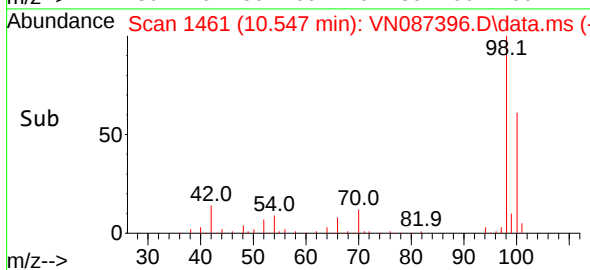
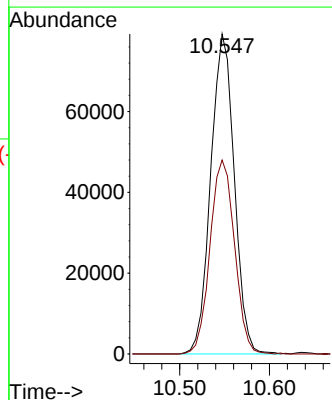
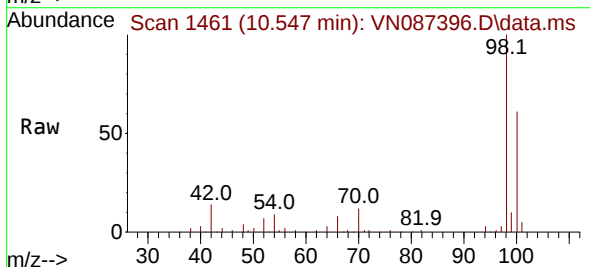
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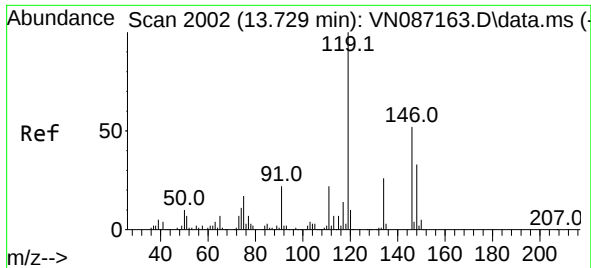
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Supervised By :Semsettin Yesilyurt 07/23/2025



#63
Toluene-d8
Concen: 29.562 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087396.D
Acq: 22 Jul 2025 17:49

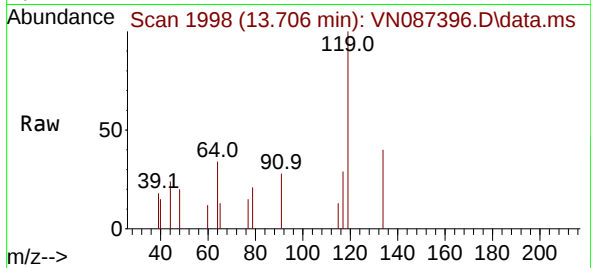
Tgt Ion: 98 Resp: 144327
Ion Ratio Lower Upper
98 100
100 63.0 52.5 78.7





#82
 p-Isopropyltoluene
 Concen: 0.480 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.023 min
 Lab File: VN087396.D
 Acq: 22 Jul 2025 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (JUNE)DL



Tgt Ion:119	Resp:	243
Ion Ratio	Lower	Upper
119	100	
134	12.8	0.0 51.2
91	16.3	0.0 46.4

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