

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060358.D
 Acq On : 08 Aug 2024 16:08
 Operator : MD/SY
 Sample : P3401-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G79

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 09 00:03:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	113122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	115733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41777	4.705	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	94.000%		
7) Chloroethane-d5	1.911	69	38917	4.860	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.200%		
11) 1,1-Dichloroethene-d2	2.563	65	17558	4.646	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	93.000%		
20) 2-Butanone-d5	4.628	46	100491	53.326	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	106.660%		
24) Chloroform-d	5.055	84	84999	4.834	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.600%		
26) 1,2-Dichloroethane-d4	5.695	65	40522	4.970	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.400%		
32) Benzene-d6	5.721	84	171614	4.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.400%		
36) 1,2-Dichloropropane-d6	6.682	67	56377	5.207	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	104.200%		
41) Toluene-d8	7.894	98	150141	4.818	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.400%		
43) trans-1,3-Dichloroprop...	8.177	79	17549	5.014	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	100.200%		
46) 2-Hexanone-d5	8.628	63	77732	50.045	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.100%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44314	4.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	56192	5.829	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	116.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	63883	7.188	ug/L	98
12) 1,1-Dichloroethene	2.573	96	7542	1.011	ug/L #	1
13) Acetone	2.653	43	7141m	5.549	ug/L	
16) Methylene chloride	3.043	84	1640	0.155	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	24470	3.344	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	1229651	139.206	ug/L	98
25) Chloroform	5.078	83	5196	0.316	ug/L	98
27) 1,2-Dichloroethane	5.795	62	3490	0.399	ug/L	96
33) Benzene	5.769	78	11278	0.338	ug/L	100
34) Trichloroethene	6.534	95	1204514	138.098	ug/L	99
42) Toluene	7.965	91	11382	0.323	ug/L	98

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

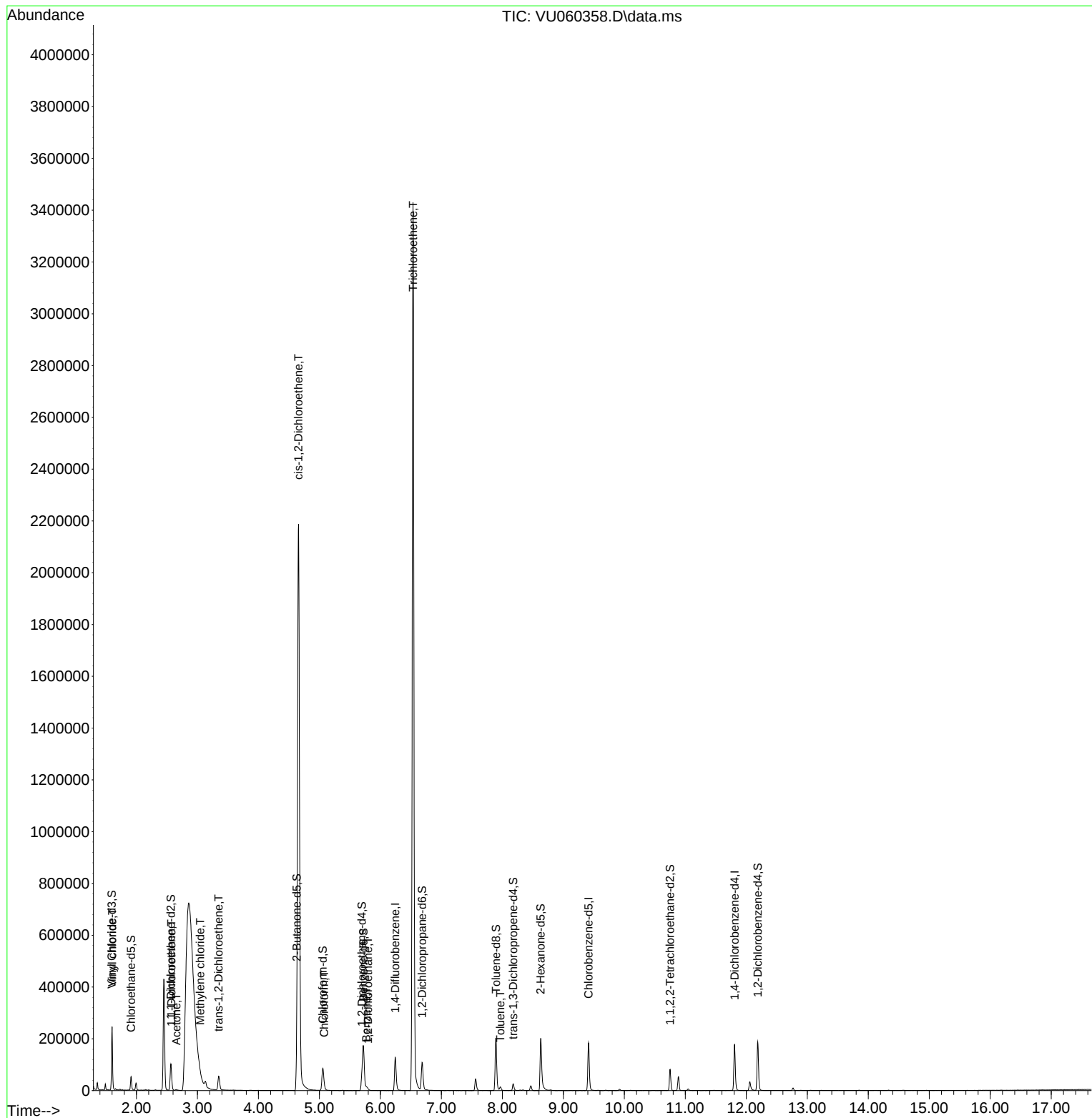
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
Data File : VU060358.D
Acq On : 08 Aug 2024 16:08
Operator : MD/SY
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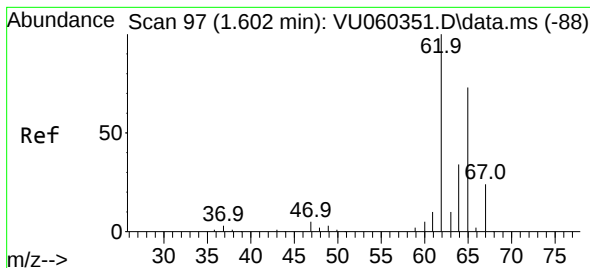
Instrument :
MSVOA_U
ClientSampleId :
E1G79

Quant Time: Aug 09 00:03:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
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#5

Vinyl chloride

Concen: 7.188 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :

E1G79

Tgt Ion: 62 Resp: 6388

Ion Ratio Lower Upper

62 100

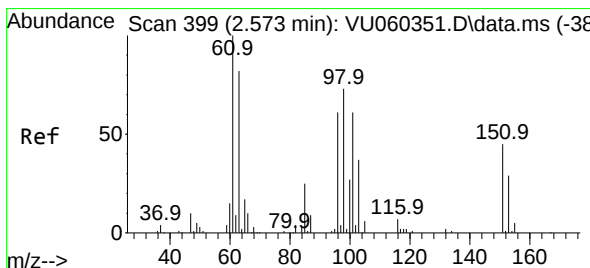
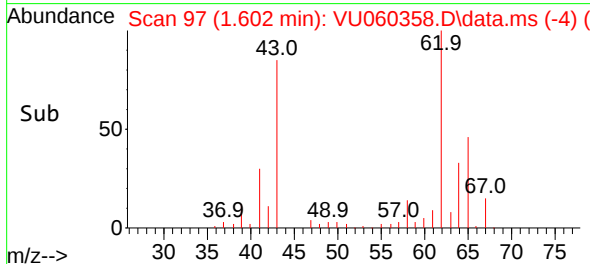
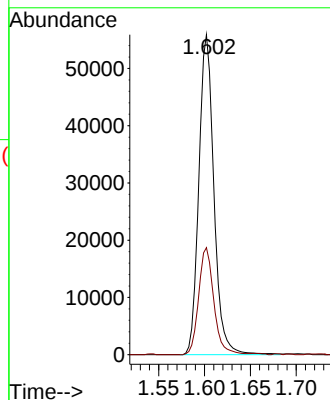
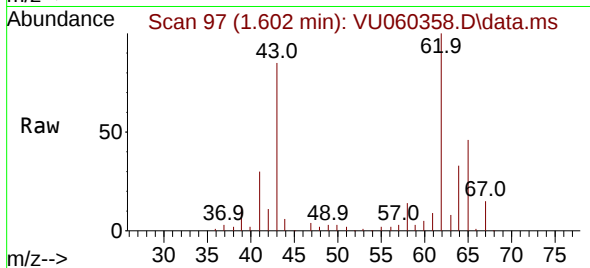
64 33.4 24.1 44.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1.011 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

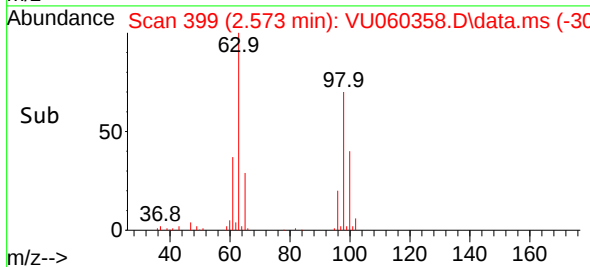
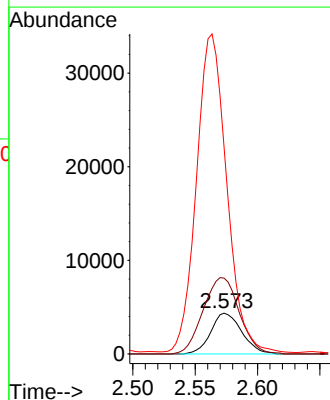
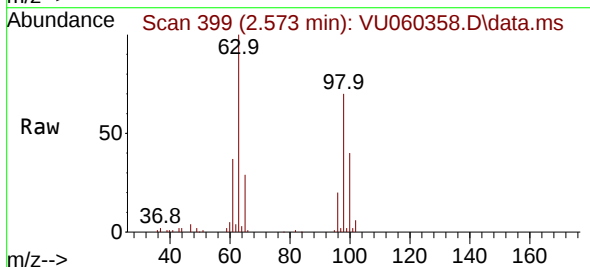
Tgt Ion: 96 Resp: 7542

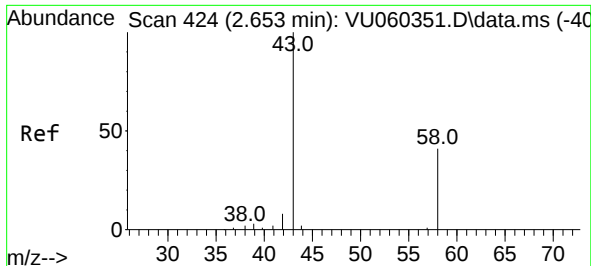
Ion Ratio Lower Upper

96 100

61 186.1 114.4 212.4

63 507.7 96.0 178.4





#13

Acetone

Concen: 5.549 ug/L m

RT: 2.653 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :

E1G79

Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

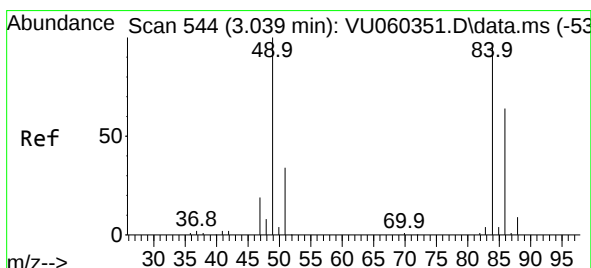
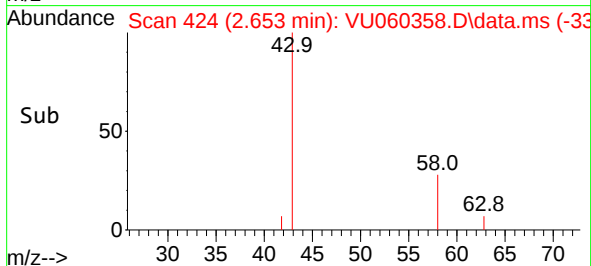
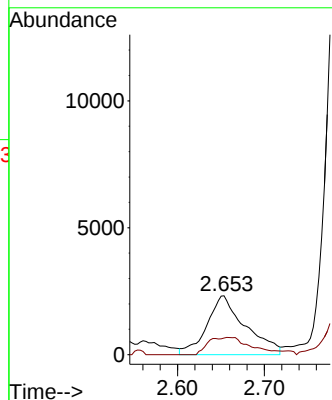
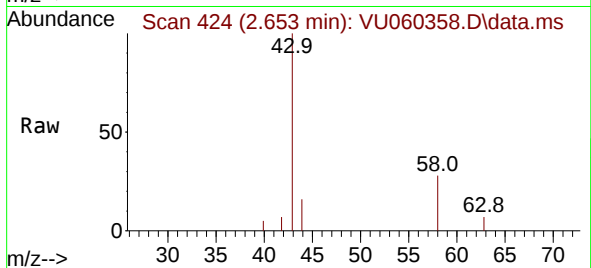
58 9.6 0.0 78.8

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#16

Methylene chloride

Concen: 0.155 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

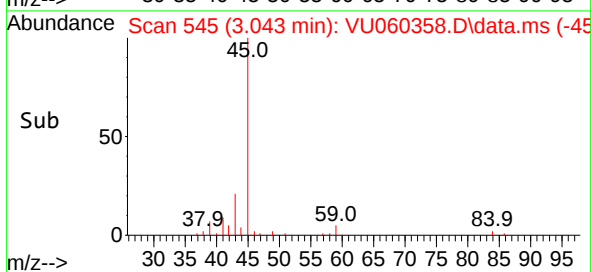
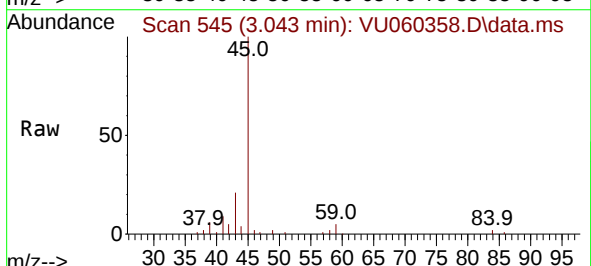
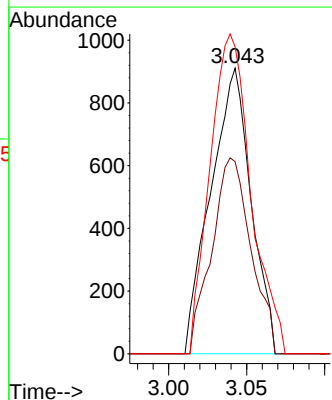
Tgt Ion: 84 Resp: 1640

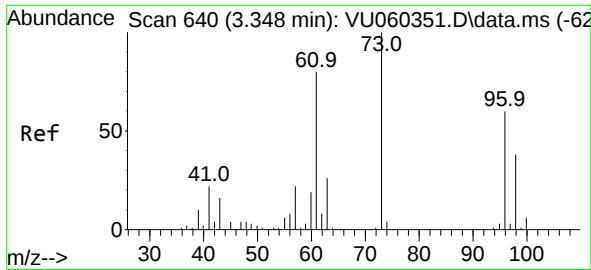
Ion Ratio Lower Upper

84 100

86 67.3 47.1 87.5

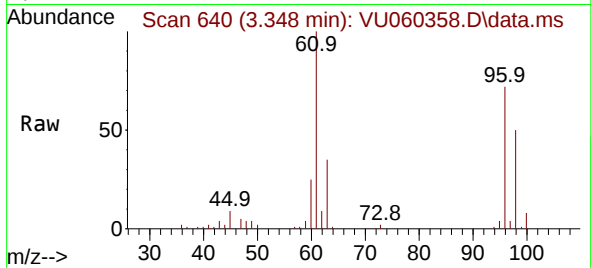
49 107.5 73.9 137.3





#18
trans-1,2-Dichloroethene
Concen: 3.344 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

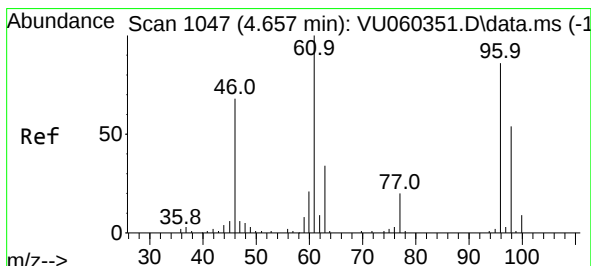
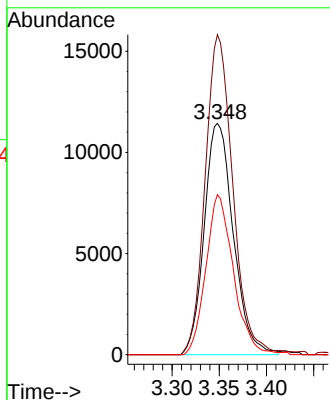
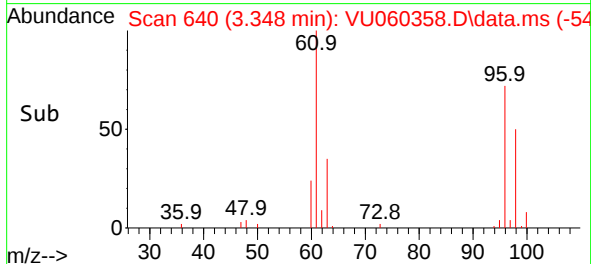
Instrument :
MSVOA_U
ClientSampleId :
E1G79



Tgt Ion: 96 Resp: 24470
Ion Ratio Lower Upper
96 100
61 138.3 93.7 174.1
98 69.2 44.7 82.9

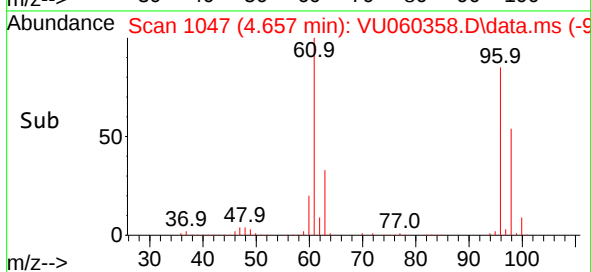
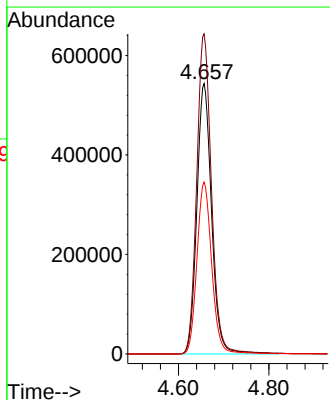
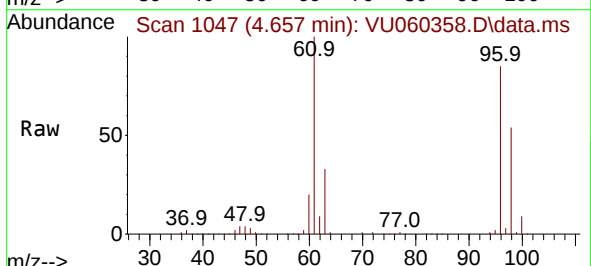
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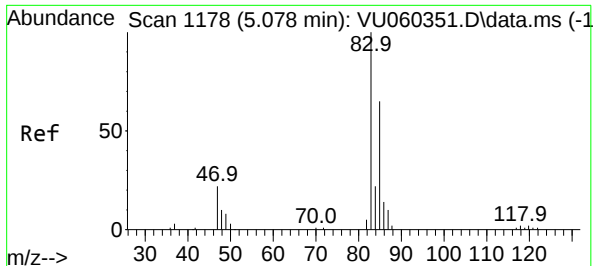
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#22
cis-1,2-Dichloroethene
Concen: 139.206 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Tgt Ion: 96 Resp: 1229651
Ion Ratio Lower Upper
96 100
61 118.3 81.5 151.5
98 63.5 43.5 80.7





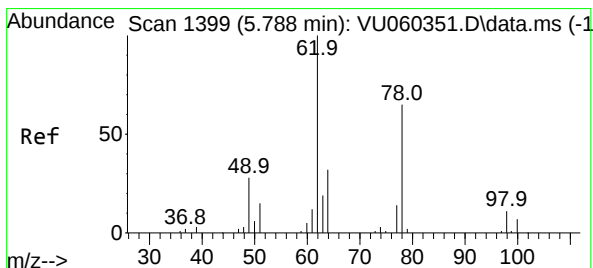
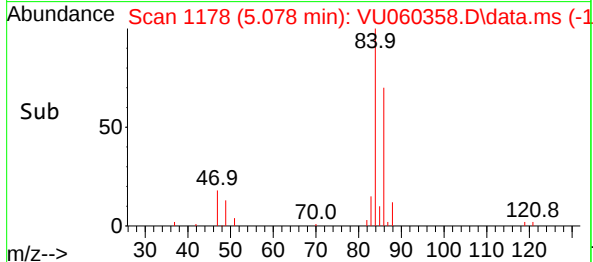
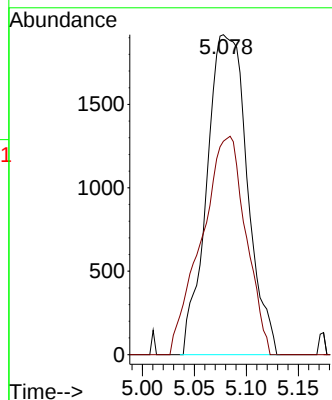
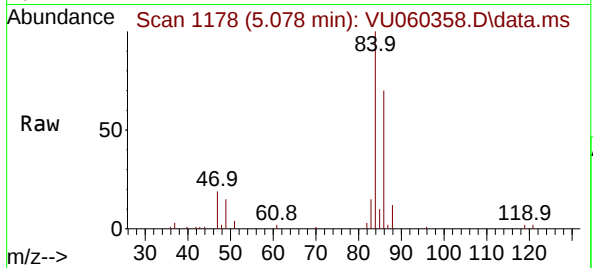
#25
Chloroform
Concen: 0.316 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Instrument :
MSVOA_U
ClientSampleId :
E1G79

Tgt Ion: 83 Resp: 5190
Ion Ratio Lower Upper
83 100
85 66.7 45.6 84.6

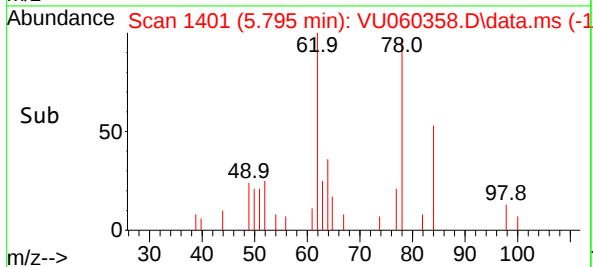
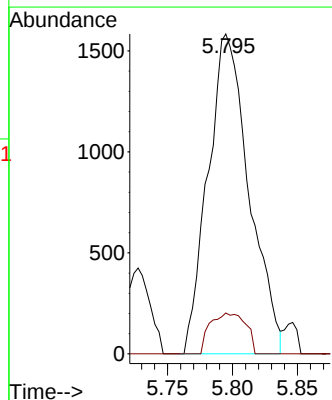
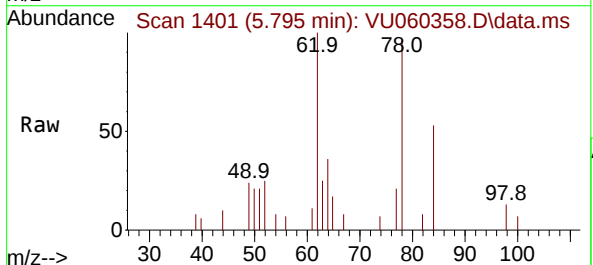
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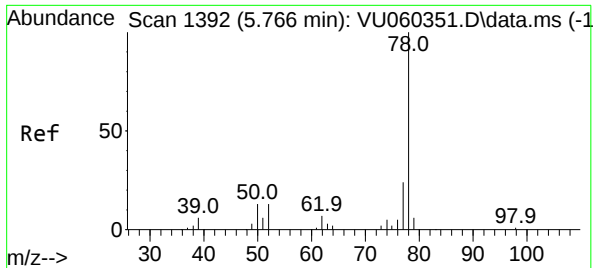
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#27
1,2-Dichloroethane
Concen: 0.399 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.007 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Tgt Ion: 62 Resp: 3490
Ion Ratio Lower Upper
62 100
98 12.8 9.0 13.6





#33

Benzene

Concen: 0.338 ug/L

RT: 5.769 min Scan# 11278

Delta R.T. 0.003 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :

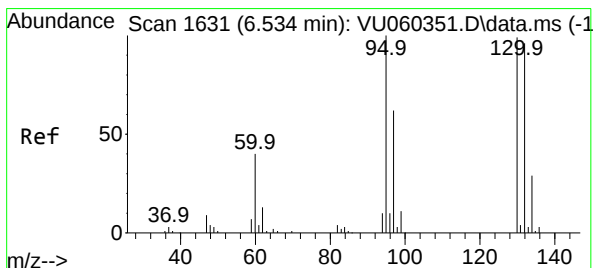
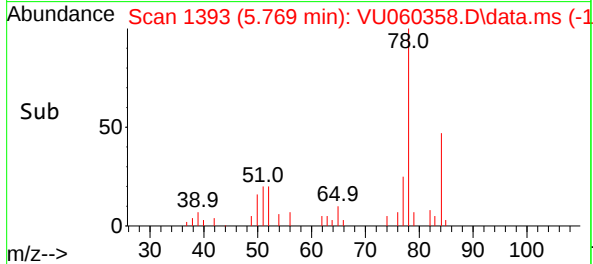
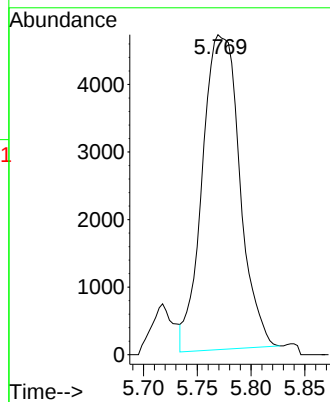
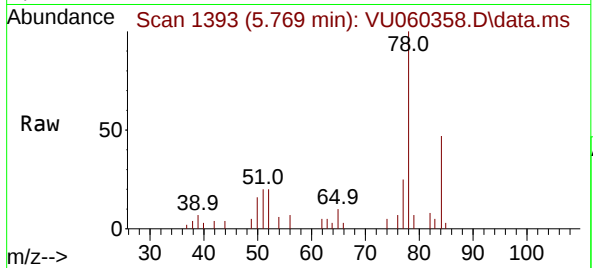
E1G79

Tgt Ion: 78 Resp: 11278

Manual Integrations

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#34

Trichloroethene

Concen: 138.098 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Tgt Ion: 95 Resp: 1204514

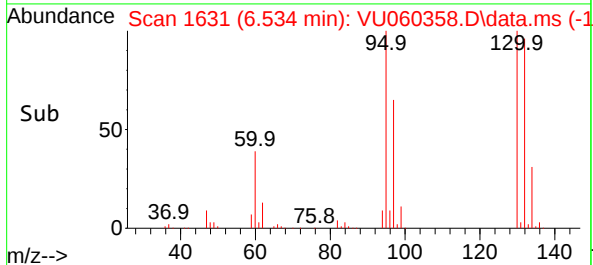
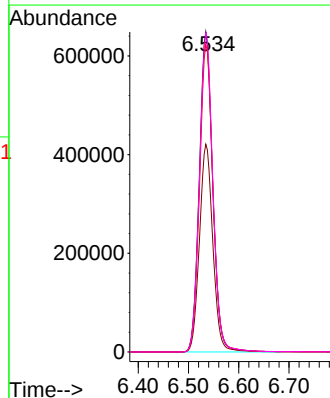
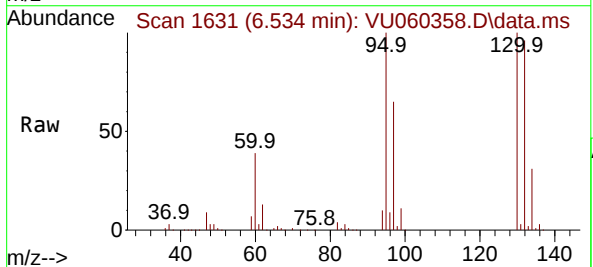
Ion Ratio Lower Upper

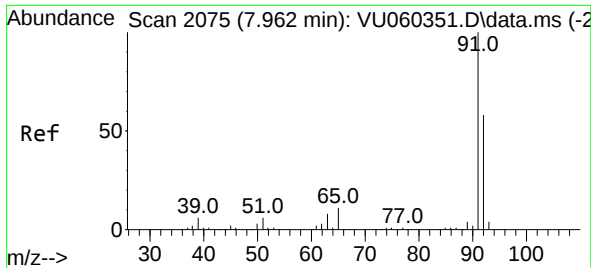
95 100

97 64.9 43.6 81.0

132 96.1 67.1 124.5

130 99.7 69.6 129.2





#42

Toluene

Concen: 0.323 ug/L

RT: 7.965 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :

E1G79

Tgt Ion: 91 Resp: 1138

Ion Ratio Lower Upper

91 100

92 56.1 40.6 75.4

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