

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060359.D
 Acq On : 08 Aug 2024 16:29
 Operator : MD/SY
 Sample : P3401-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GG3

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 00:03:42 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	114859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	120410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43622	4.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.911	69	39090	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.563	65	17721	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.628	46	98755	51.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%
24) Chloroform-d	5.055	84	85200	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	40403	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	174305	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.682	67	56811	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	145481	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	17383	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	75830	46.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43010	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53222	5.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	97925	10.852	ug/L	98
12) 1,1-Dichloroethene	2.573	96	8375	1.106	ug/L #	1
13) Acetone	2.647	43	10242m	7.839	ug/L	
16) Methylene chloride	3.039	84	1671	0.155	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	22463	3.024	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	1626586	181.358	ug/L	97
27) 1,2-Dichloroethane	5.791	62	4651	0.524	ug/L	100
33) Benzene	5.769	78	13500	0.389	ug/L	100
34) Trichloroethene	6.534	95	577502	63.639	ug/L	98
42) Toluene	7.968	91	7247	0.198	ug/L	92

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

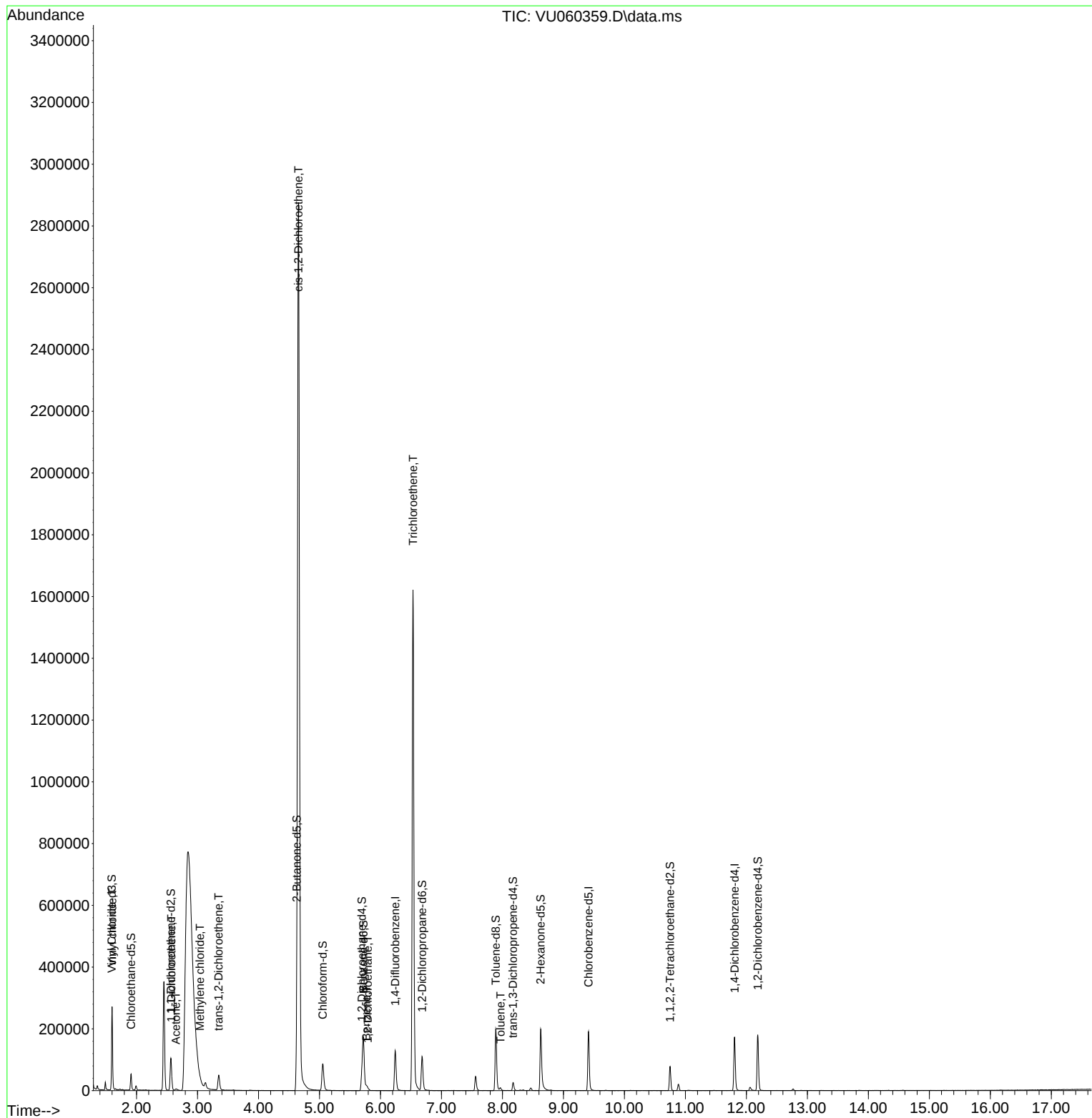
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
Data File : VU060359.D
Acq On : 08 Aug 2024 16:29
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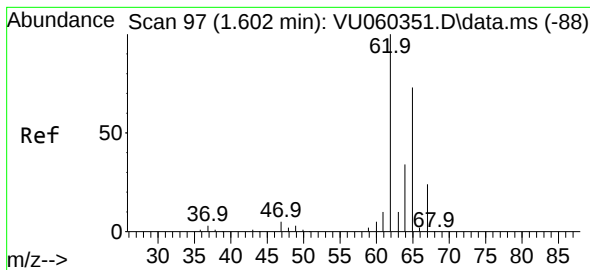
Instrument :
MSVOA_U
ClientSampleId :
E1GG3

Quant Time: Aug 09 00:03:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
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#5

Vinyl chloride

Concen: 10.852 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :

E1GG3

Tgt Ion: 62 Resp: 9792

Ion Ratio Lower Upper

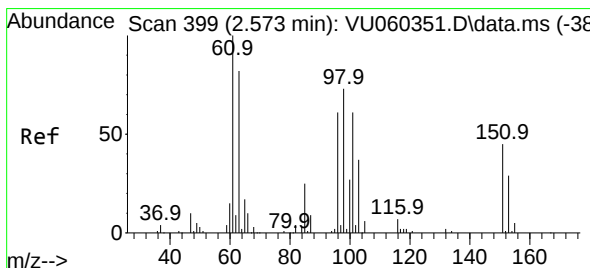
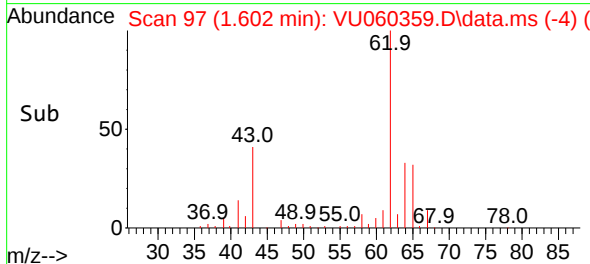
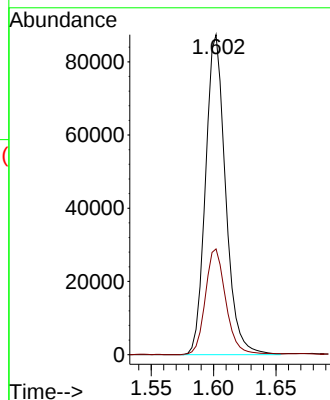
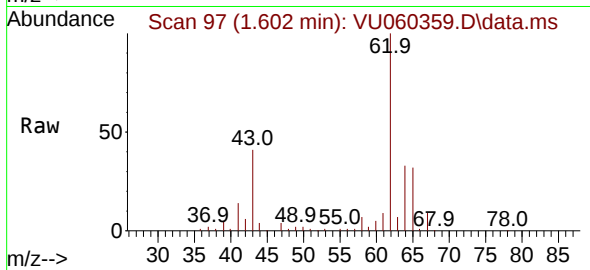
62 100

64 33.0 24.1 44.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1.106 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

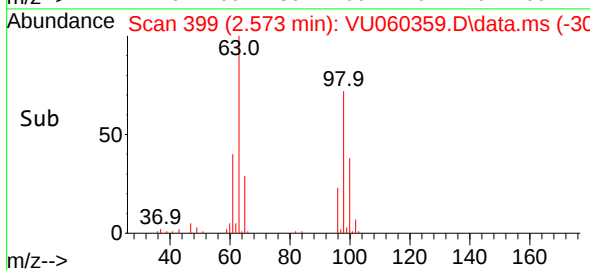
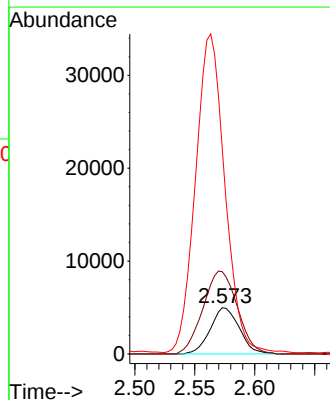
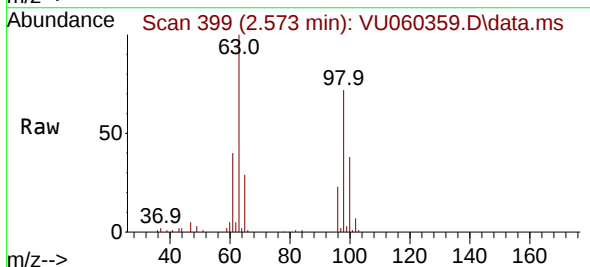
Tgt Ion: 96 Resp: 8375

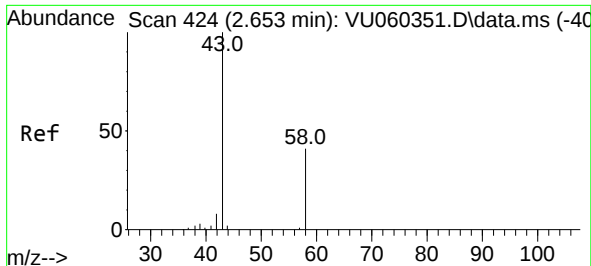
Ion Ratio Lower Upper

96 100

61 178.1 114.4 212.4

63 443.7 96.0 178.4





#13

Acetone

Concen: 7.839 ug/L m

RT: 2.647 min Scan# 424

Delta R.T. -0.006 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :

E1GG3

Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

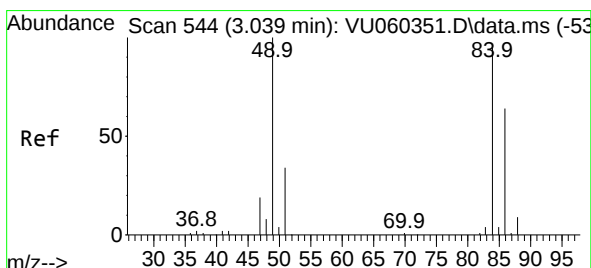
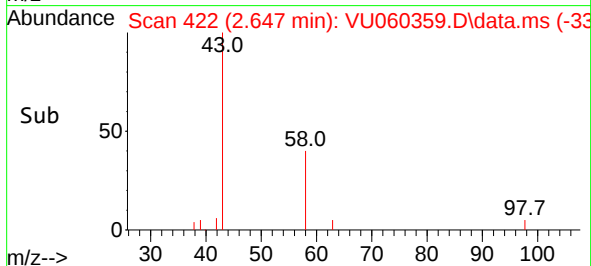
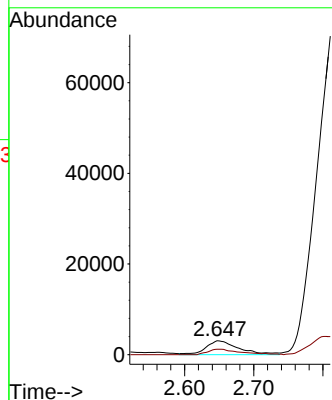
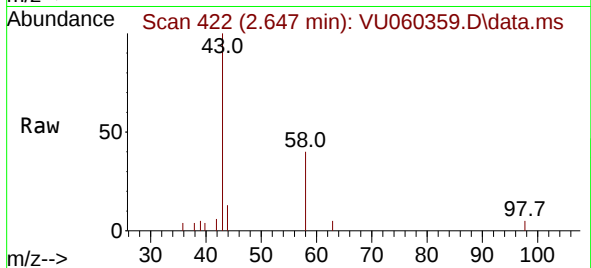
58 35.8 0.0 78.8

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#16

Methylene chloride

Concen: 0.155 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

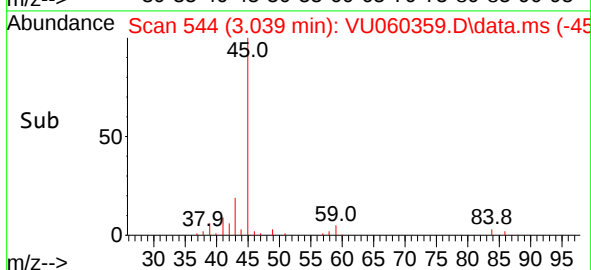
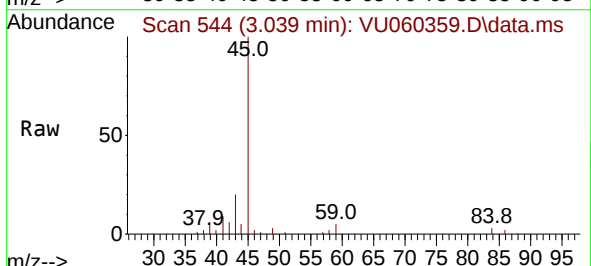
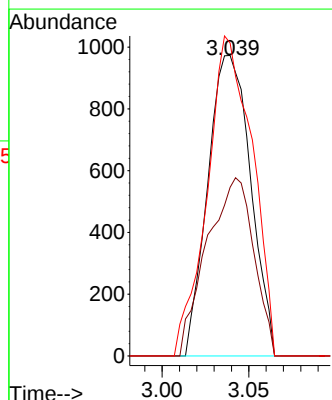
Tgt Ion: 84 Resp: 1671

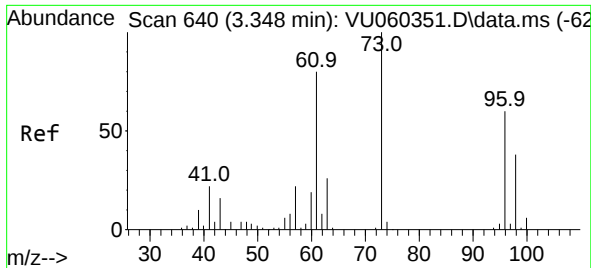
Ion Ratio Lower Upper

84 100

86 56.1 47.1 87.5

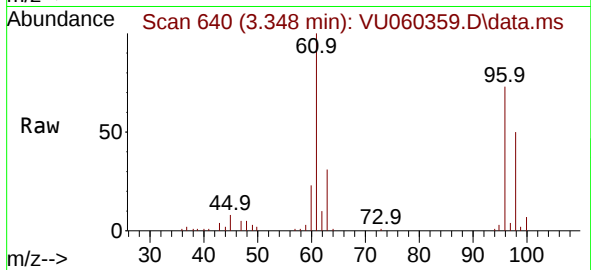
49 104.1 73.9 137.3





#18
trans-1,2-Dichloroethene
Concen: 3.024 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

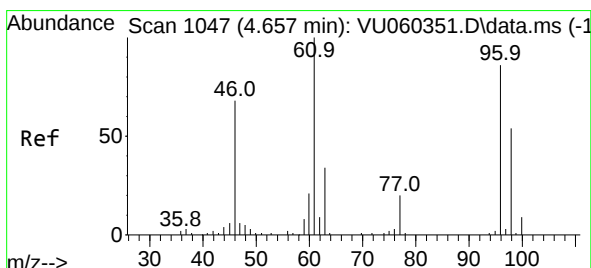
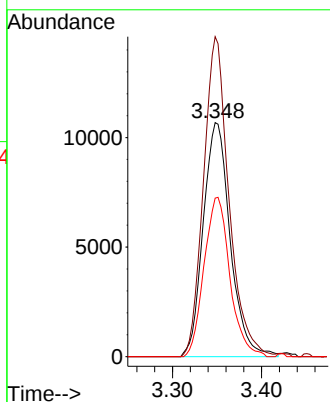
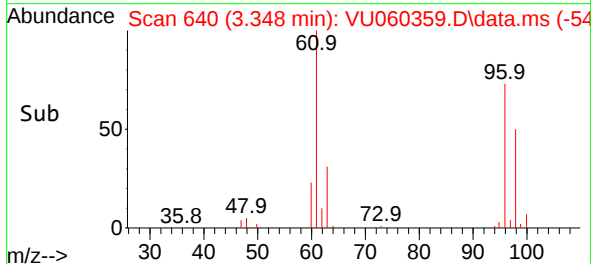
Instrument :
MSVOA_U
ClientSampleId :
E1GG3



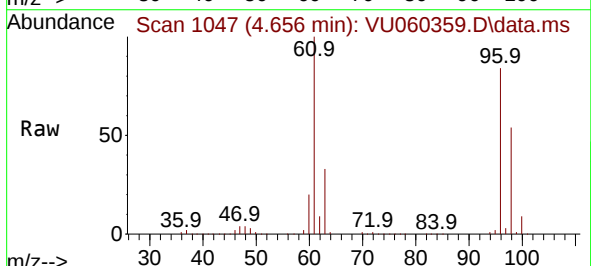
Tgt Ion: 96 Resp: 2246
Ion Ratio Lower Upper
96 100
61 136.7 93.7 174.1
98 67.8 44.7 82.9

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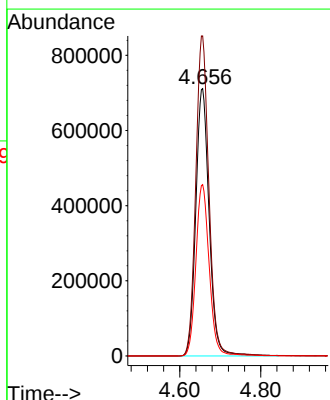
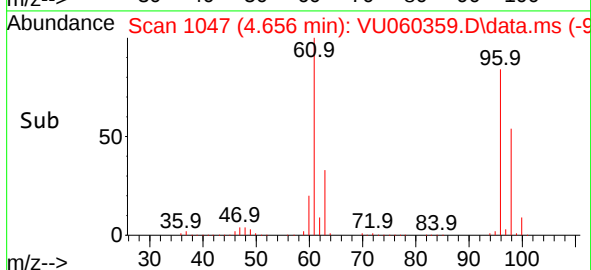
Reviewed By :Mahesh Dadoda 08/12/2024
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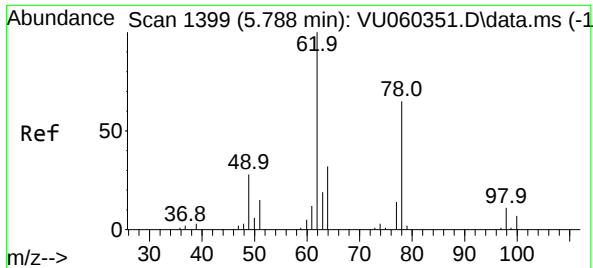


#22
cis-1,2-Dichloroethene
Concen: 181.358 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29



Tgt Ion: 96 Resp: 1626586
Ion Ratio Lower Upper
96 100
61 119.7 81.5 151.5
98 64.1 43.5 80.7





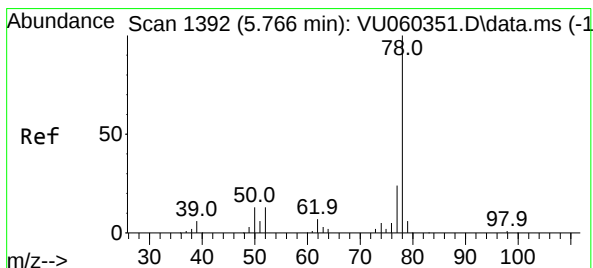
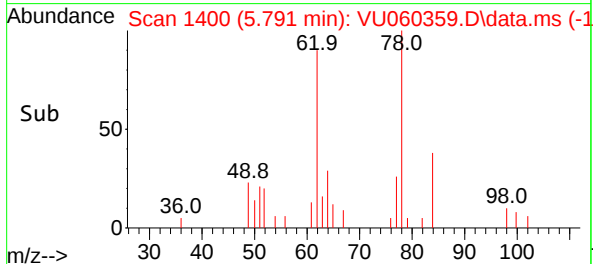
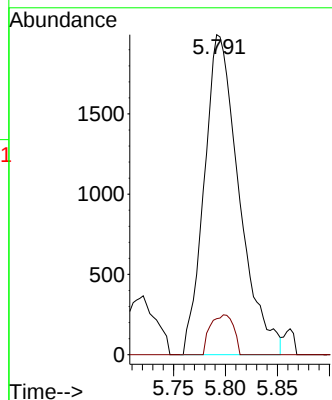
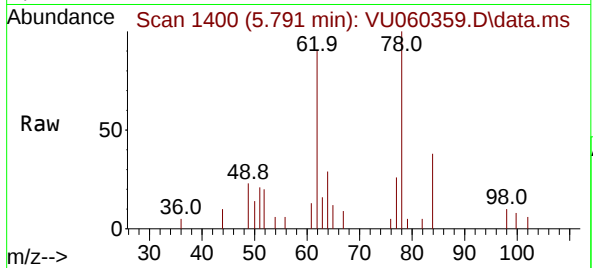
#27
1,2-Dichloroethane
Concen: 0.524 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Instrument :
MSVOA_U
ClientSampleId :
E1GG3

Tgt Ion: 62 Resp: 465
Ion Ratio Lower Upper
62 100
98 11.2 9.0 13.6

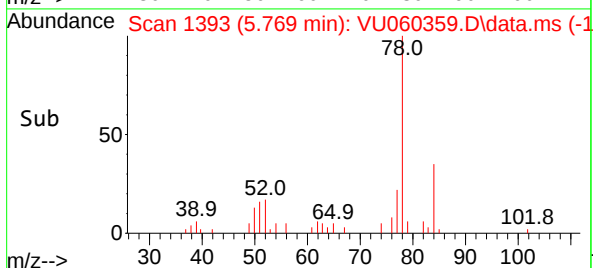
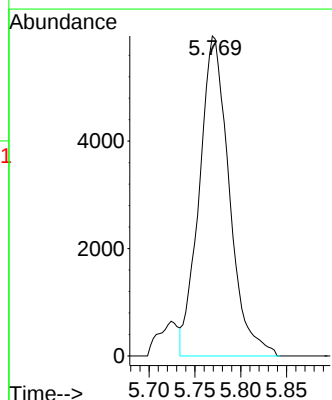
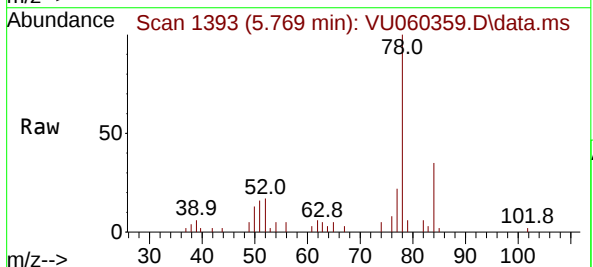
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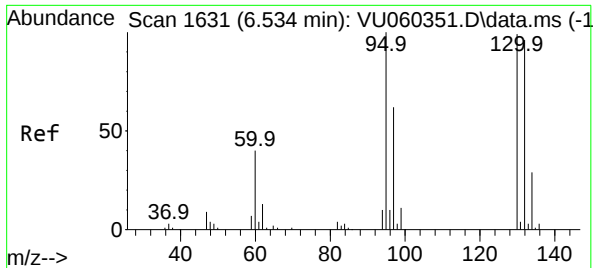
Reviewed By :Mahesh Dadoda 08/12/2024
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#33
Benzene
Concen: 0.389 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

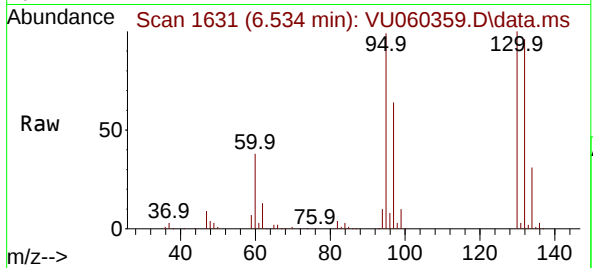
Tgt Ion: 78 Resp: 13500





#34
Trichloroethene
Concen: 63.639 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

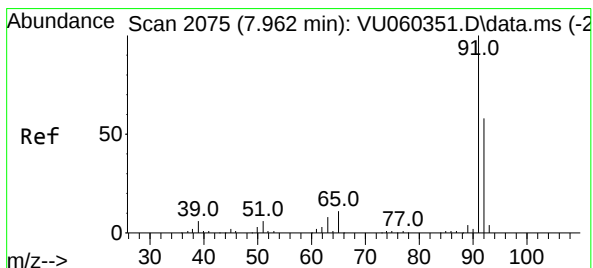
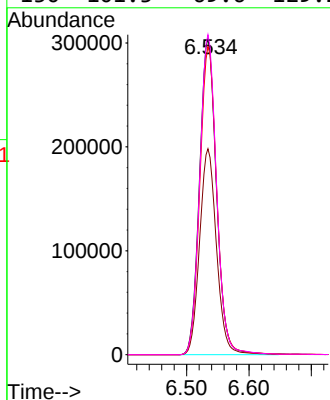
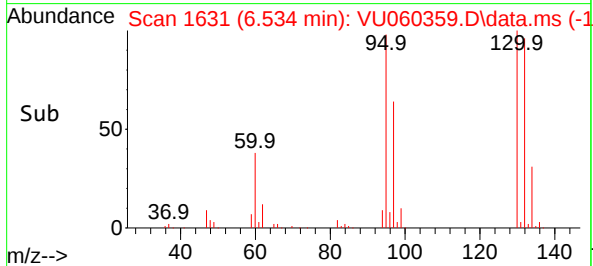
Instrument :
MSVOA_U
ClientSampleId :
E1GG3



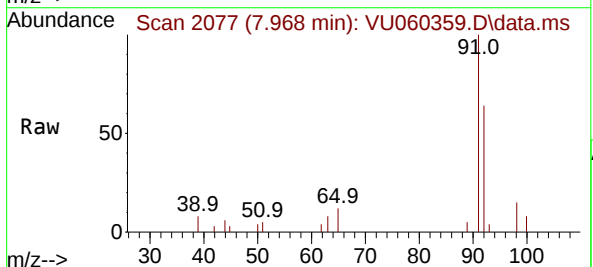
Tgt Ion: 95 Resp: 577502
Ion Ratio Lower Upper
95 100
97 65.2 43.6 81.0
132 97.5 67.1 124.5
130 101.3 69.6 129.2

Manual Integrations
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#42
Toluene
Concen: 0.198 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29



Tgt Ion: 91 Resp: 7247
Ion Ratio Lower Upper
91 100
92 64.0 40.6 75.4

