

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060387.D
 Acq On : 09 Aug 2024 21:23
 Operator : MD/SY
 Sample : P3401-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 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 10 04:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	104685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	106828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32699	3.979	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.600%	
7) Chloroethane-d5	1.910	69	32968	4.449	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.563	65	14029	4.012	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	4.631	46	96343	55.245	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.500%	
24) Chloroform-d	5.055	84	73390	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.695	65	36935	4.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.721	84	140576	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.682	67	50185	5.022	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.891	98	113117	3.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.177	79	14029	4.342	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.630	63	70608	49.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.500%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40705	4.964	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	43210	5.103	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
5) Vinyl chloride	1.602	62	94465	11.486	ug/L	98
12) 1,1-Dichloroethene	2.573	96	7726	1.119	ug/L #	17
13) Acetone	2.647	43	17608m	14.786	ug/L	
18) trans-1,2-Dichloroethene	3.348	96	20982	3.099	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	1536371	187.947	ug/L	96
27) 1,2-Dichloroethane	5.795	62	4334	0.536	ug/L	97
33) Benzene	5.772	78	12253	0.398	ug/L	100
34) Trichloroethene	6.534	95	539537	67.015	ug/L	99
42) Toluene	7.968	91	6899	0.212	ug/L	95

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

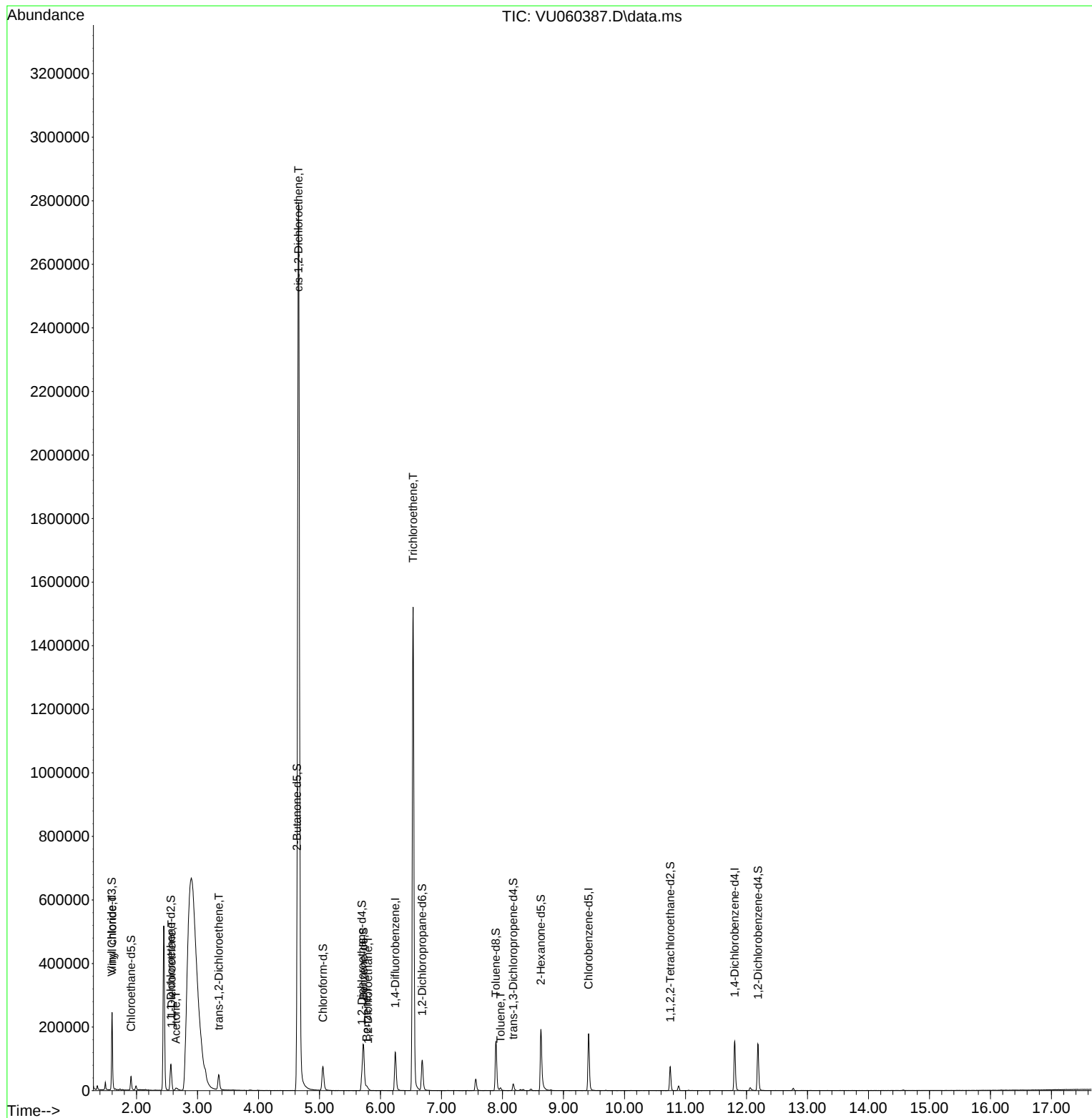
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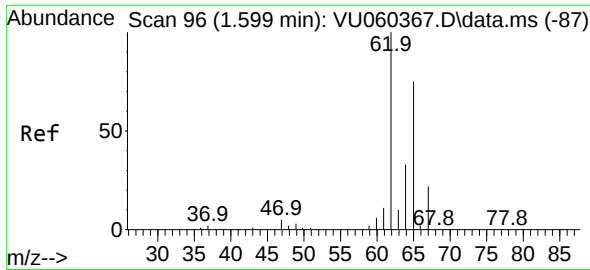
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Quant Time: Aug 10 04:58:40 2024
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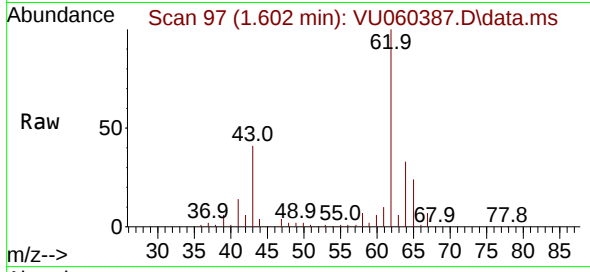
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024





#5
 Vinyl chloride
 Concen: 11.486 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU060387.D
 Acq: 09 Aug 2024 21:23

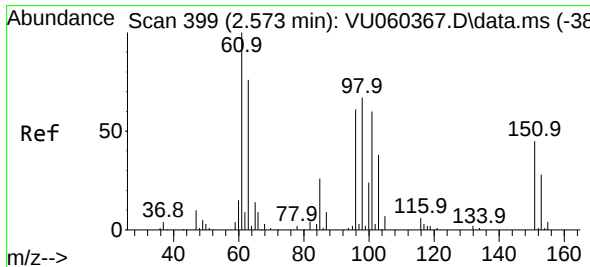
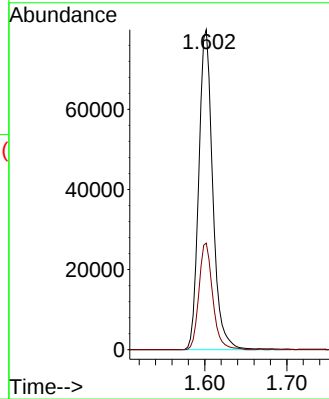
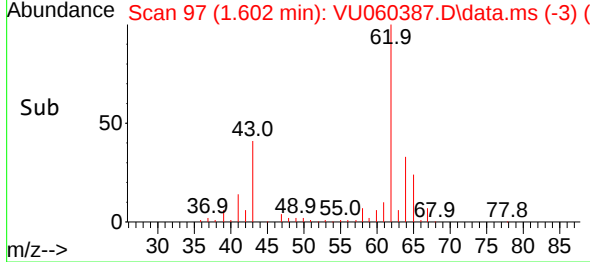
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GG3



Tgt Ion: 62 Resp: 9446
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.1 44.7

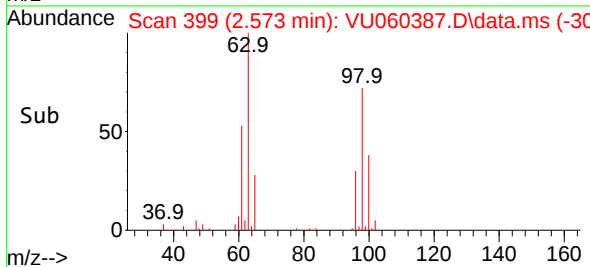
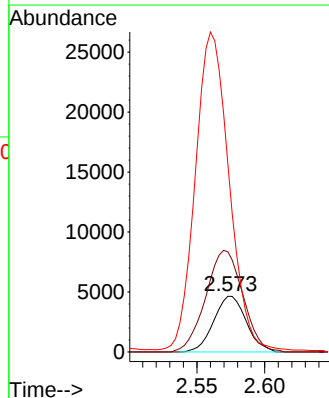
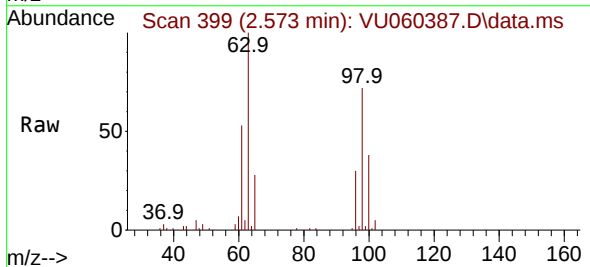
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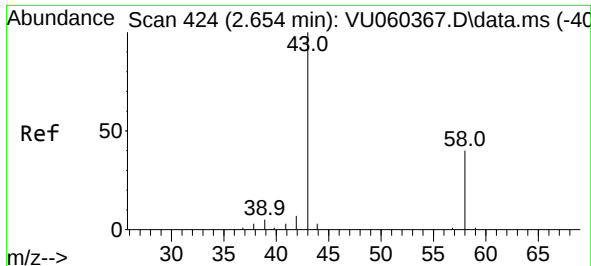
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#12
 1,1-Dichloroethene
 Concen: 1.119 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060387.D
 Acq: 09 Aug 2024 21:23

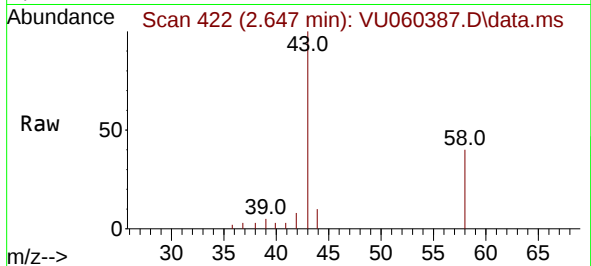
Tgt Ion: 96 Resp: 7726
 Ion Ratio Lower Upper
 96 100
 61 180.0 114.4 212.4
 63 337.5 96.0 178.4





#13
Acetone
Concen: 14.786 ug/L m
RT: 2.647 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

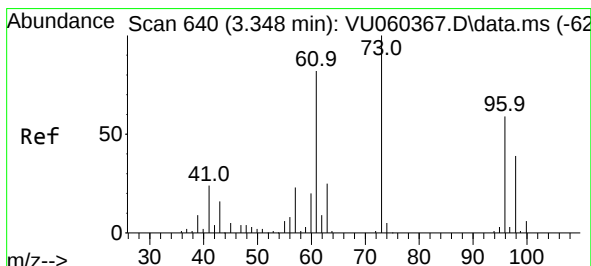
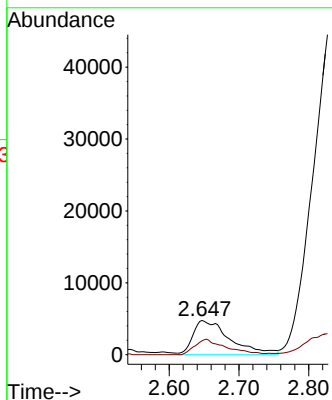
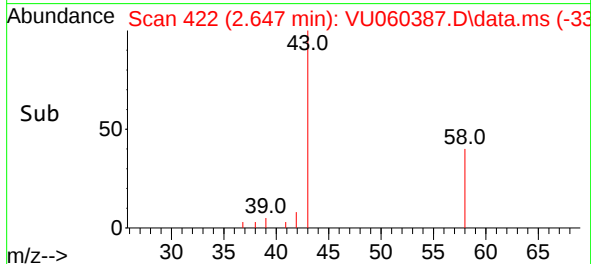
Instrument :
MSVOA_U
ClientSampleId :
E1GG3



Tgt Ion: 43 Resp: 17608
Ion Ratio Lower Upper
43 100
58 38.0 0.0 78.8

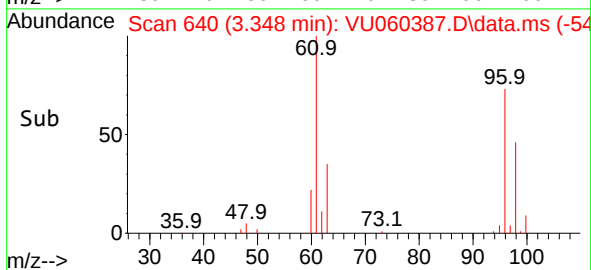
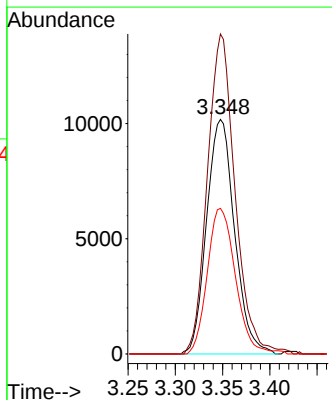
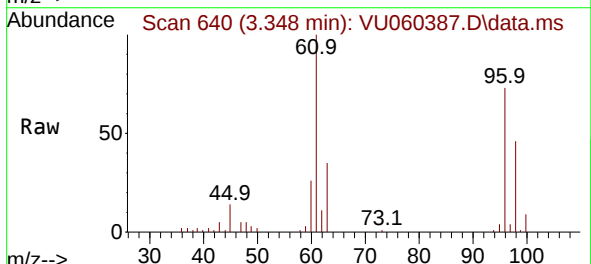
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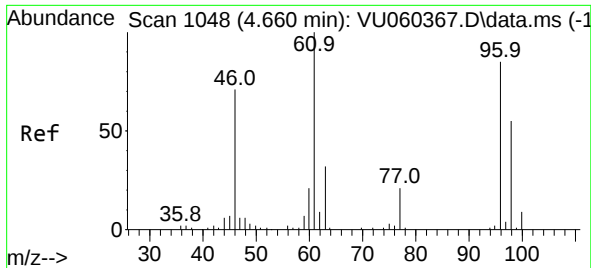
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#18
trans-1,2-Dichloroethene
Concen: 3.099 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

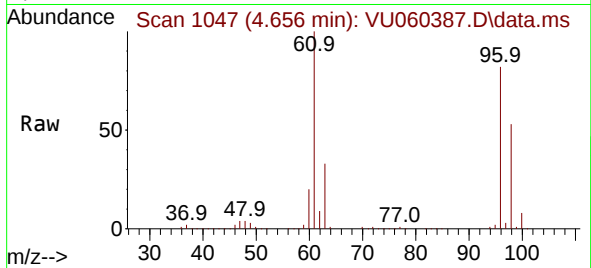
Tgt Ion: 96 Resp: 20982
Ion Ratio Lower Upper
96 100
61 136.4 93.7 174.1
98 62.1 44.7 82.9





#22
 cis-1,2-Dichloroethene
 Concen: 187.947 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.004 min
 Lab File: VU060387.D
 Acq: 09 Aug 2024 21:23

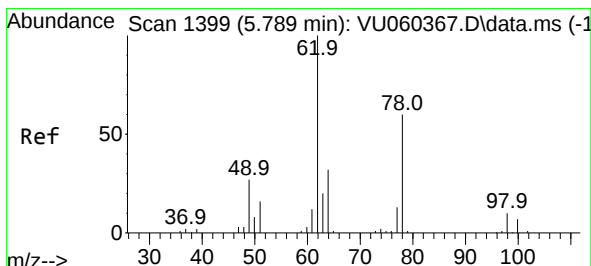
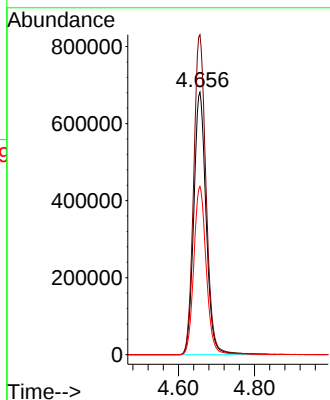
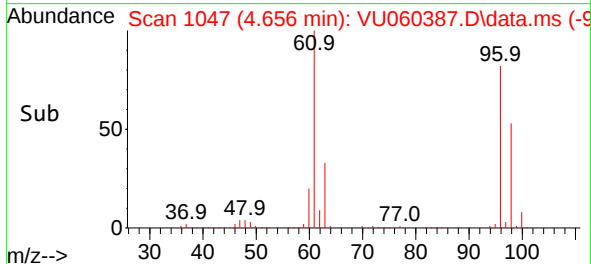
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GG3



Tgt Ion: 96 Resp: 153637
 Ion Ratio Lower Upper
 96 100
 61 121.9 81.5 151.5
 98 64.1 43.5 80.7

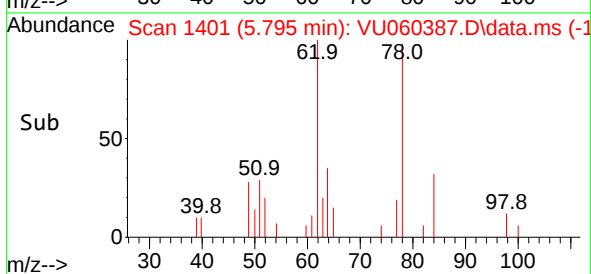
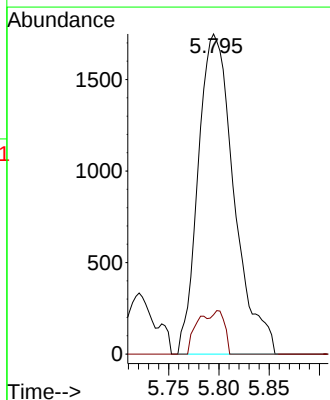
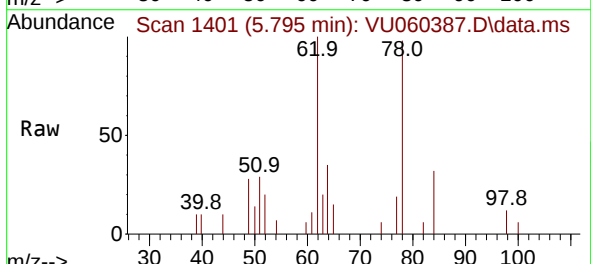
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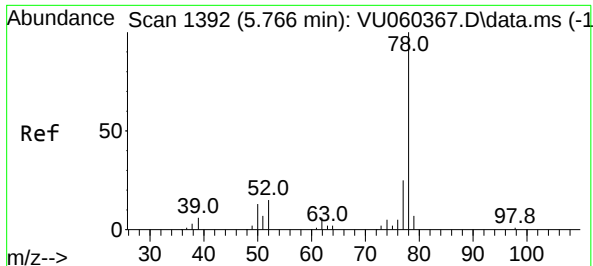
Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024



#27
 1,2-Dichloroethane
 Concen: 0.536 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VU060387.D
 Acq: 09 Aug 2024 21:23

Tgt Ion: 62 Resp: 4334
 Ion Ratio Lower Upper
 62 100
 98 12.3 9.0 13.6





#33

Benzene

Concen: 0.398 ug/L

RT: 5.772 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060387.D

Acq: 09 Aug 2024 21:23

Instrument :

MSVOA_U

ClientSampleId :

E1GG3

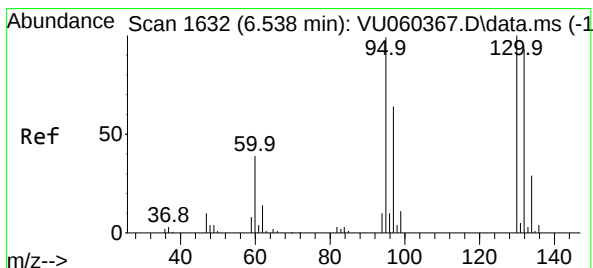
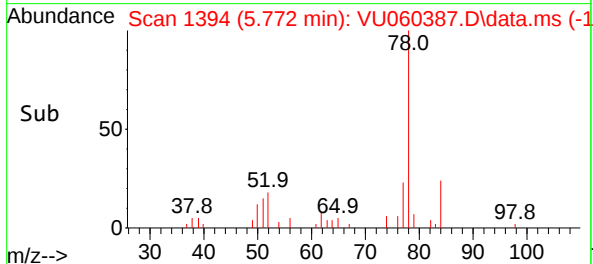
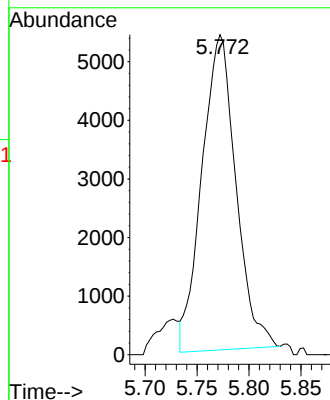
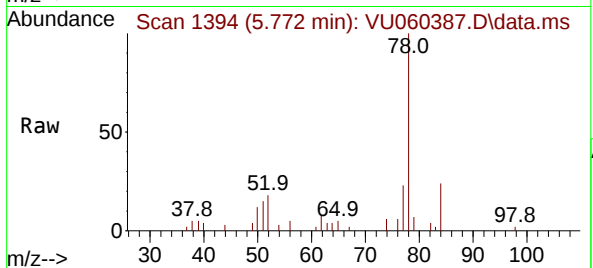
Tgt Ion: 78 Resp: 1225

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 08/12/2024



#34

Trichloroethene

Concen: 67.015 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.004 min

Lab File: VU060387.D

Acq: 09 Aug 2024 21:23

Tgt Ion: 95 Resp: 539537

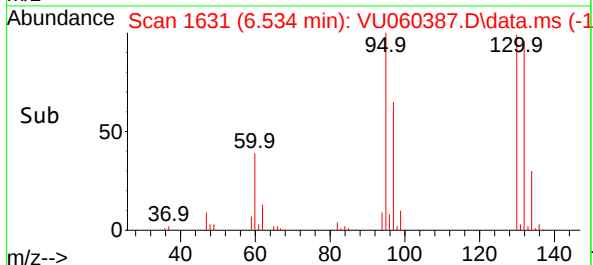
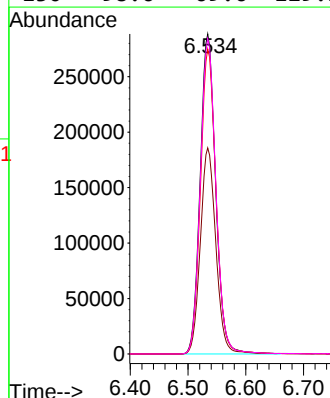
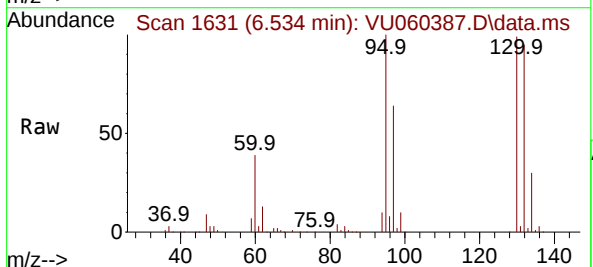
Ion Ratio Lower Upper

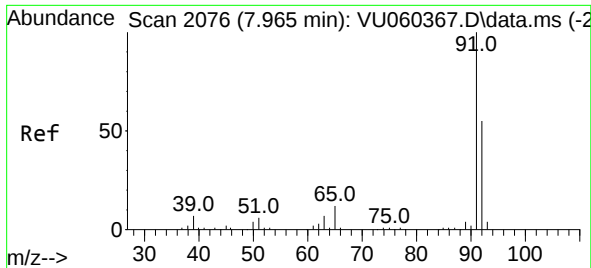
95 100

97 64.4 43.6 81.0

132 95.3 67.1 124.5

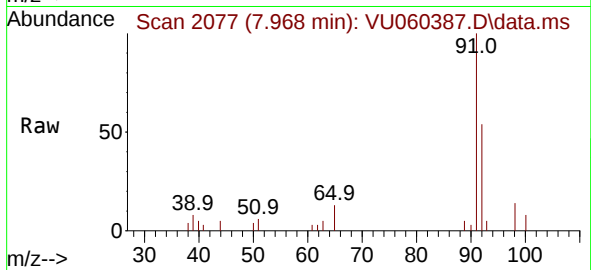
130 98.6 69.6 129.2





#42
Toluene
Concen: 0.212 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

Instrument :
MSVOA_U
ClientSampleId :
E1GG3



Tgt Ion: 91 Resp: 6899
Ion Ratio Lower Upper
91 100
92 54.4 40.6 75.4

Manual Integrations
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