

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059788.D
 Acq On : 03 Jul 2024 11:25
 Operator : MD/SY
 Sample : P3084-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G74

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 04 00:57:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53365	4.984	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.908	69	44216	4.292	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.560	65	20172	4.541	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.618	46	97426	44.175	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.340%	
24) Chloroform-d	5.052	84	95318	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.695	65	47053	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.718	84	194935	4.373	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.682	67	61144	4.476	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.891	98	167598	4.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.174	79	21477	5.021	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.400%	
46) 2-Hexanone-d5	8.627	63	81794	46.023	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.040%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48984	4.340	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	60733	4.782	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
5) Vinyl chloride	1.599	62	5083	0.328	ug/L	# 74
13) Acetone	2.631	43	14325m	10.013	ug/L	
16) Methylene chloride	3.036	84	2599	0.201	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	37372	2.985	ug/L	94
25) Chloroform	5.078	83	9858	0.447	ug/L	93
34) Trichloroethene	6.538	95	12890	0.968	ug/L	97
42) Toluene	7.965	91	17746	0.341	ug/L	94

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

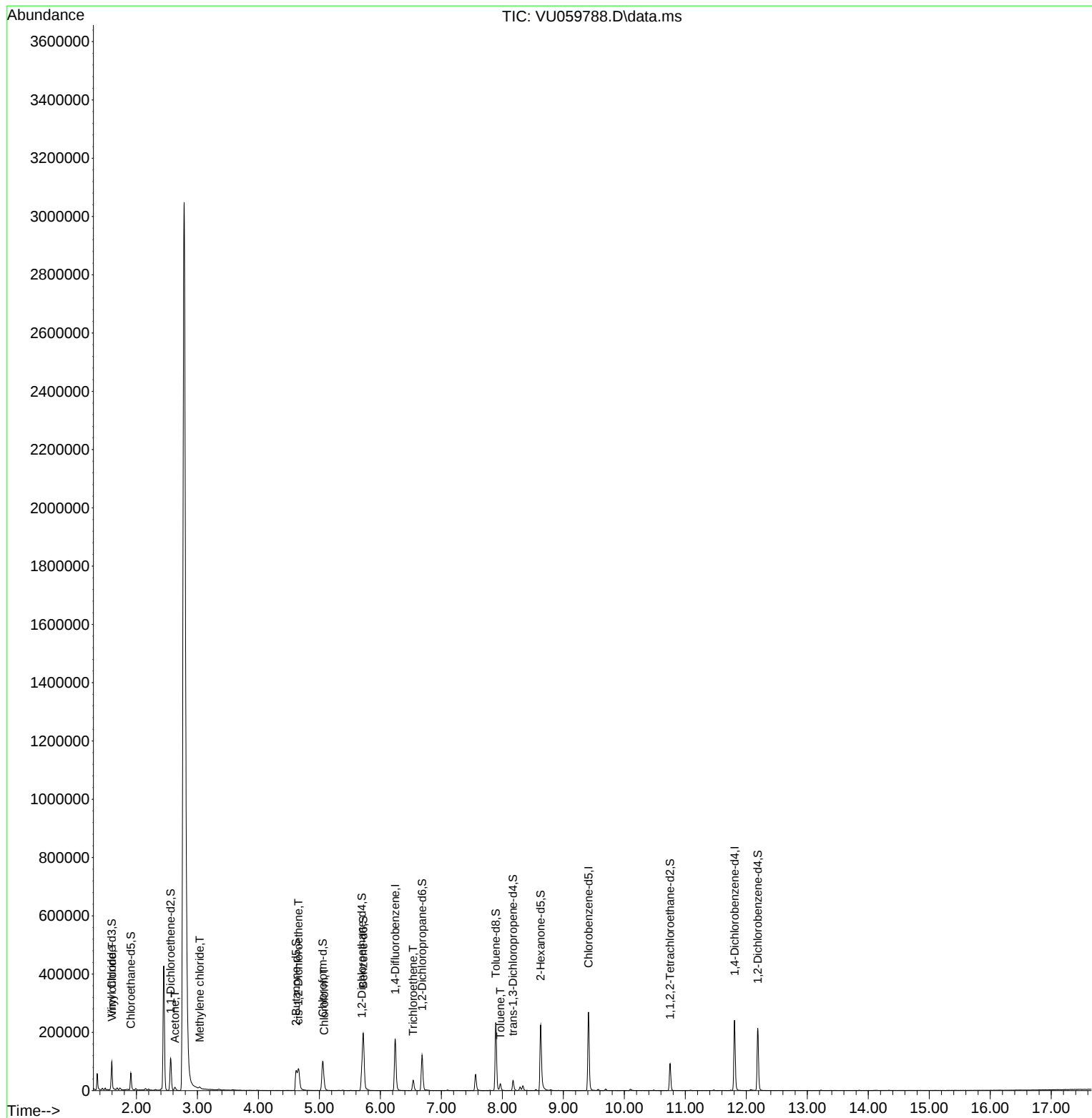
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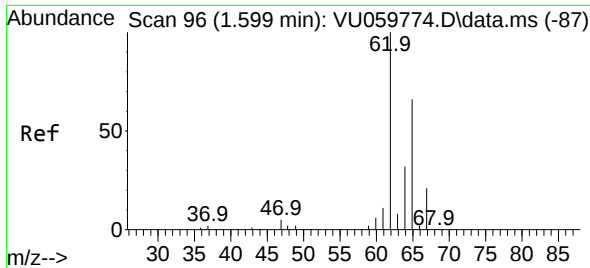
Instrument :
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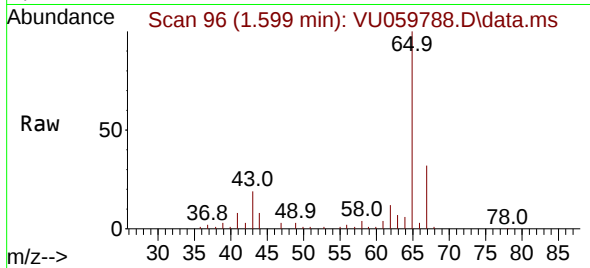
Quant Time: Jul 04 00:57:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 06:10:28 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 0.328 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

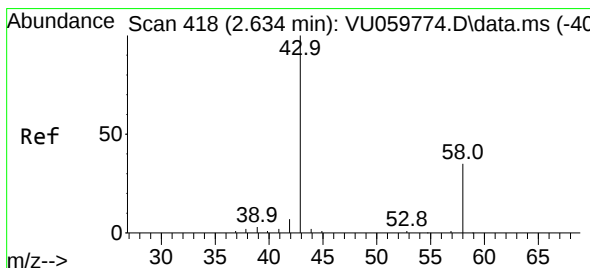
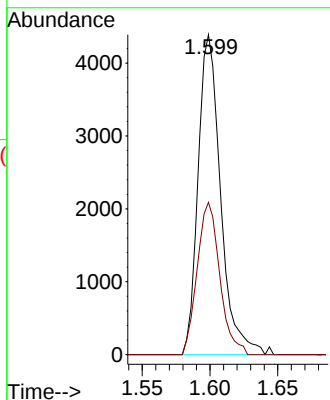
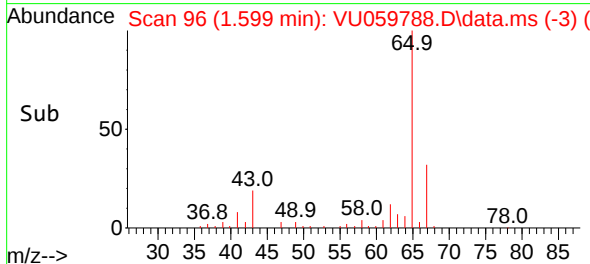
Instrument :
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ClientSampleId :
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Tgt Ion: 62 Resp: 508
Ion Ratio Lower Upper
62 100
64 47.6 23.1 42.9

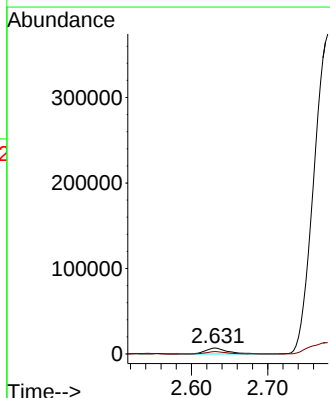
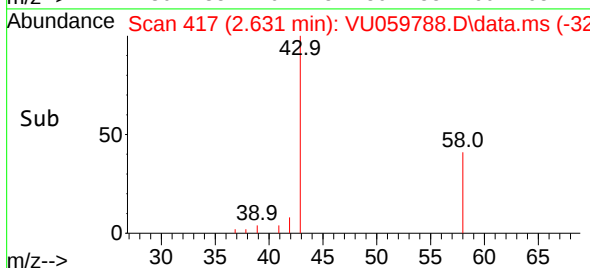
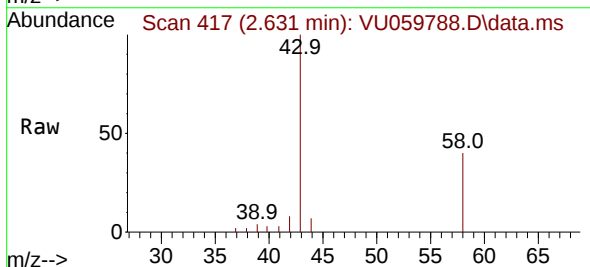
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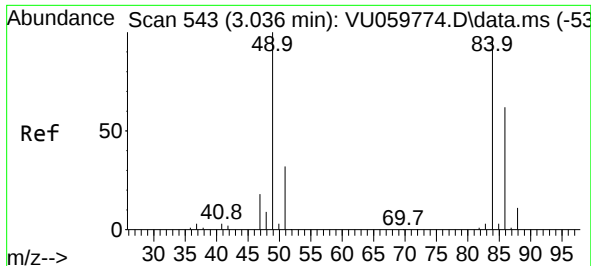
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#13
Acetone
Concen: 10.013 ug/L m
RT: 2.631 min Scan# 417
Delta R.T. -0.003 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

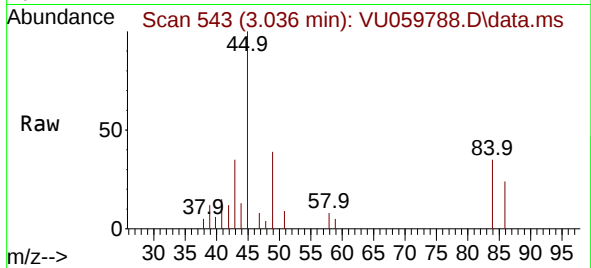
Tgt Ion: 43 Resp: 14325
Ion Ratio Lower Upper
43 100
58 35.4 0.0 68.0





#16
Methylene chloride
Concen: 0.201 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

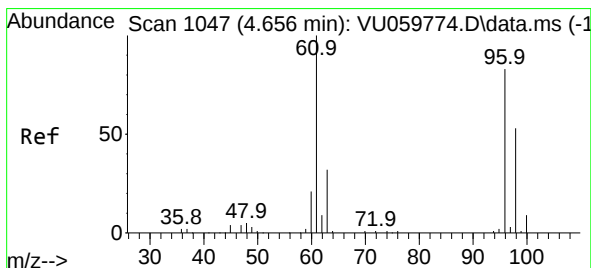
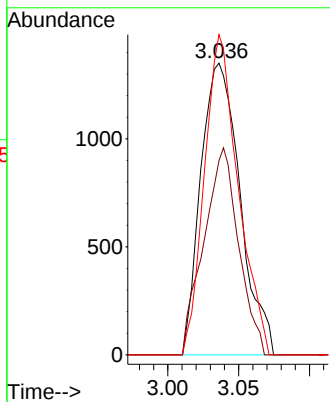
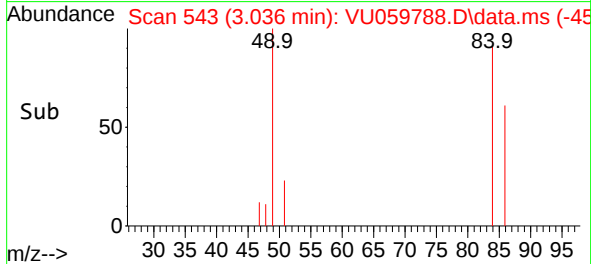
Instrument :
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ClientSampleId :
E1G74



Tgt Ion: 84 Resp: 2599
Ion Ratio Lower Upper
84 100
86 66.6 42.1 78.1
49 109.8 80.6 149.8

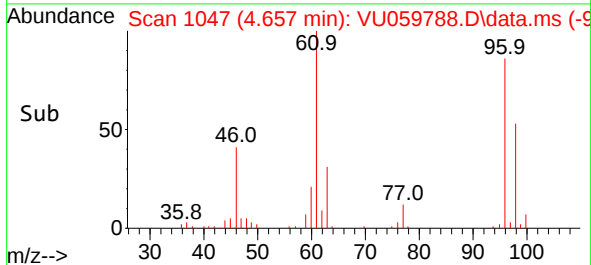
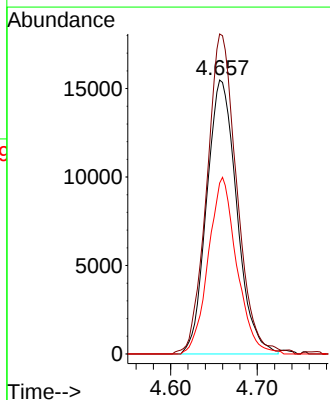
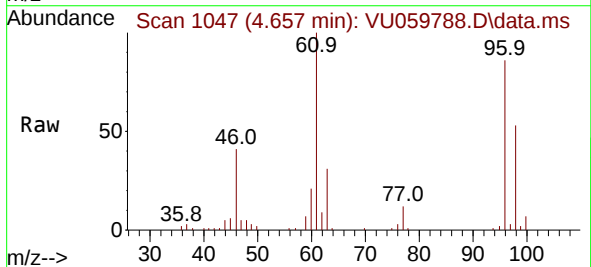
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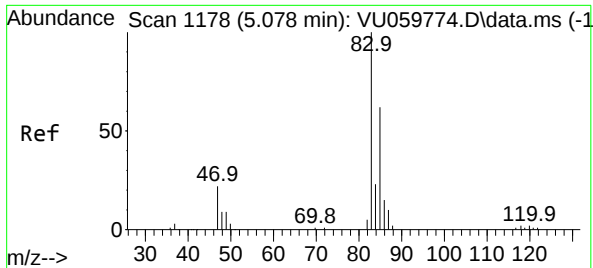
Reviewed By :Mahesh Dadoda 07/05/2024
Supervised By :Semsettin Yesilyurt 07/05/2024



#22
cis-1,2-Dichloroethene
Concen: 2.985 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

Tgt Ion: 96 Resp: 37372
Ion Ratio Lower Upper
96 100
61 116.8 87.4 162.2
98 62.4 42.3 78.5





#25

Chloroform

Concen: 0.447 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059788.D

Acq: 03 Jul 2024 11:25

Instrument :

MSVOA_U

ClientSampleId :

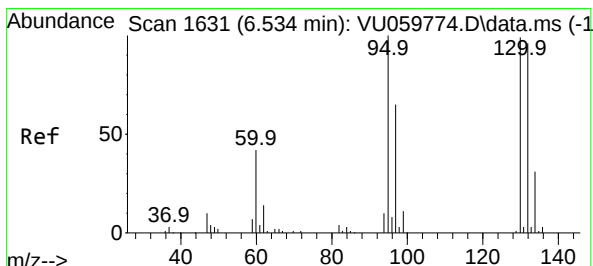
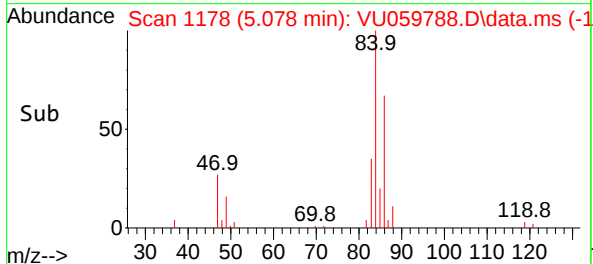
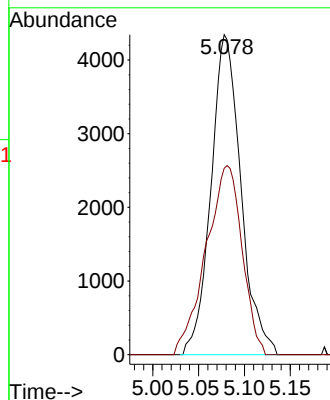
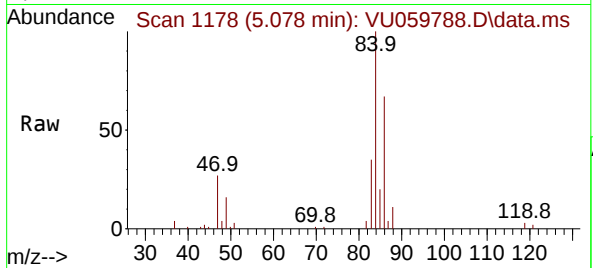
E1G74

Tgt Ion: 83 Resp: 985
 Ion Ratio Lower Upper
 83 100
 85 58.2 44.7 83.1

Manual Integrations

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#34

Trichloroethene

Concen: 0.968 ug/L

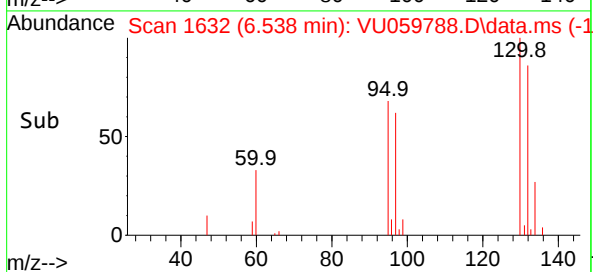
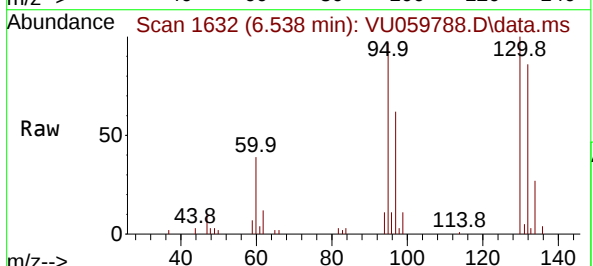
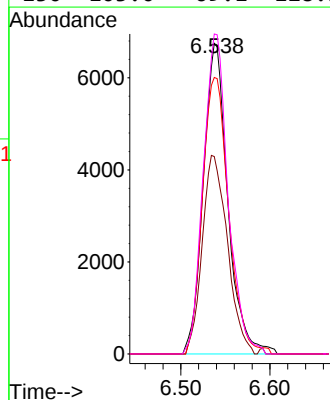
RT: 6.538 min Scan# 1632

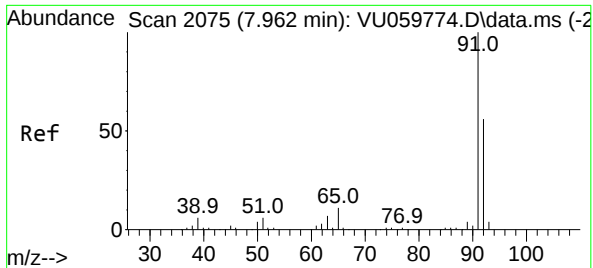
Delta R.T. 0.003 min

Lab File: VU059788.D

Acq: 03 Jul 2024 11:25

Tgt Ion: 95 Resp: 12890
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.3 84.1
 132 89.0 64.0 119.0
 130 103.0 69.1 128.3





#42
Toluene
Concen: 0.341 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 91 Resp: 17740
Ion Ratio Lower Upper
91 100
92 60.9 39.7 73.7

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