

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055499.D
 Acq On : 25 Sep 2023 16:47
 Operator : MD/SY
 Sample : 04579-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 26 01:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	243325	9.986	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	199.800%#	
7) Chloroethane-d5	1.907	69	58820	2.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	54.800%#	
11) 1,1-Dichloroethene-d2	2.563	65	28495	2.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.800%#	
20) 2-Butanone-d5	4.631	46	343569	78.067	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	156.140%#	
24) Chloroform-d	5.058	84	169045	3.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
26) 1,2-Dichloroethane-d4	5.698	65	97146	4.583	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.724	84	306758	3.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.800%	
36) 1,2-Dichloropropane-d6	6.689	67	107015	4.131	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.894	98	250241	3.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.400%#	
43) trans-1,3-Dichloroprop...	8.177	79	41088	4.520	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.631	63	197124	71.292	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	142.580%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115878	5.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	103805	4.120	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						
5) Vinyl chloride	1.592	62	16236279m	728.884	ug/L	
12) 1,1-Dichloroethene	2.576	96	24486	1.453	ug/L #	63
18) trans-1,2-Dichloroethene	3.348	96	79279	4.667	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	23016999m	1168.573	ug/L	
33) Benzene	5.775	78	33633	0.471	ug/L	100
34) Trichloroethene	6.541	95	30400	1.507	ug/L	98
42) Toluene	7.972	91	14114	0.185	ug/L	96
53) m,p-Xylene	9.695	106	5091	0.167	ug/L	82
54) o-Xylene	10.103	106	4296	0.145	ug/L	90

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

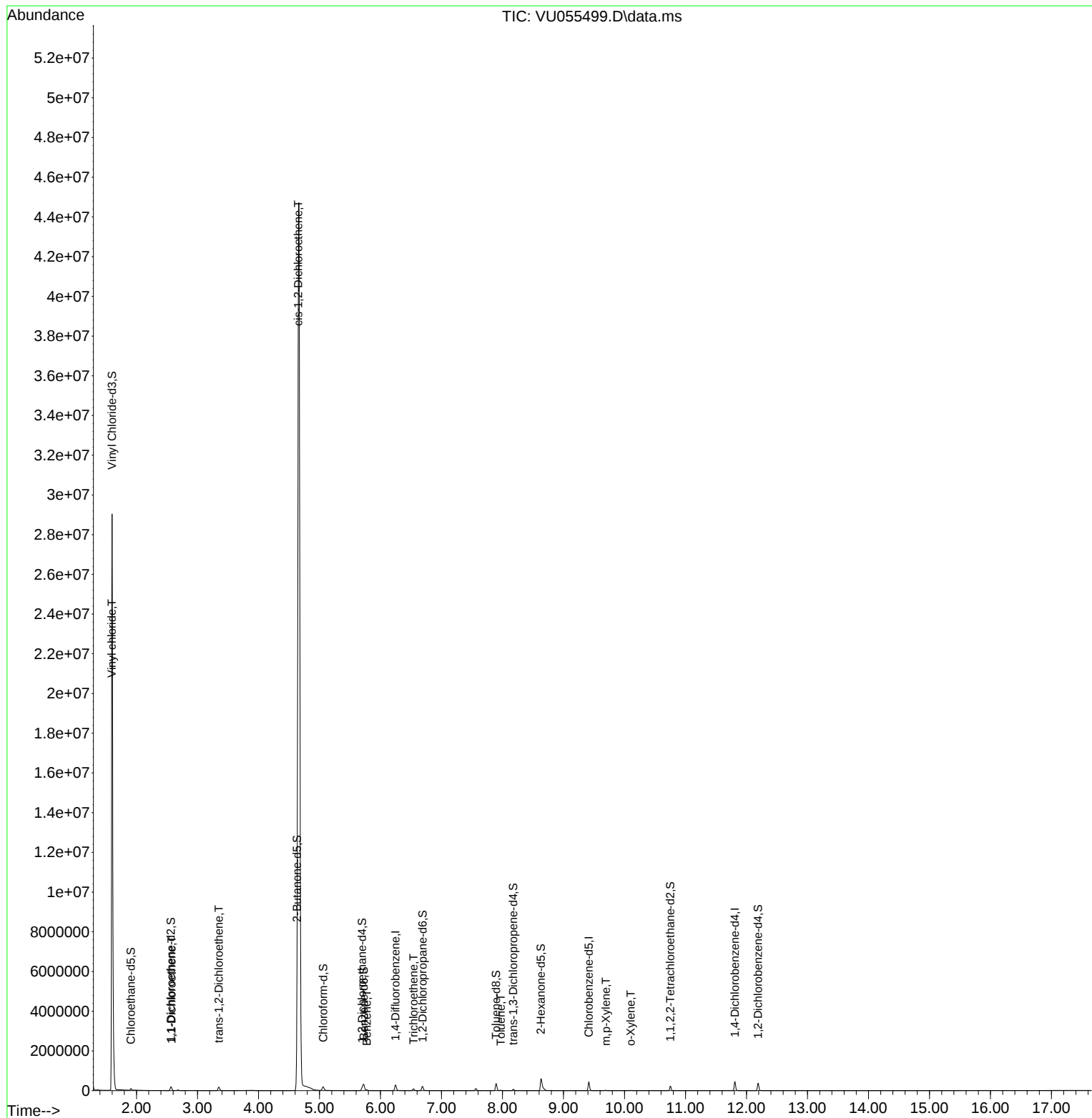
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
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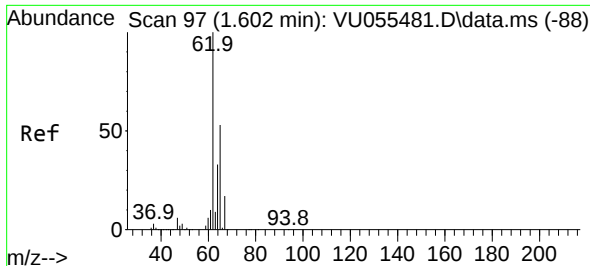
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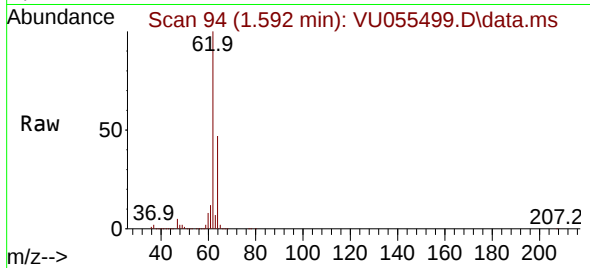
Quant Time: Sep 26 01:23:40 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 25 01:08:17 2023
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#5
 Vinyl chloride
 Concen: 728.884 ug/L m
 RT: 1.592 min Scan# 94
 Delta R.T. -0.009 min
 Lab File: VU055499.D
 Acq: 25 Sep 2023 16:47

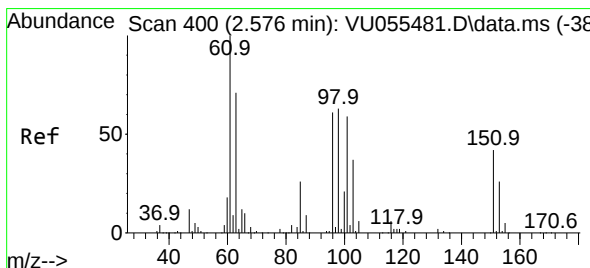
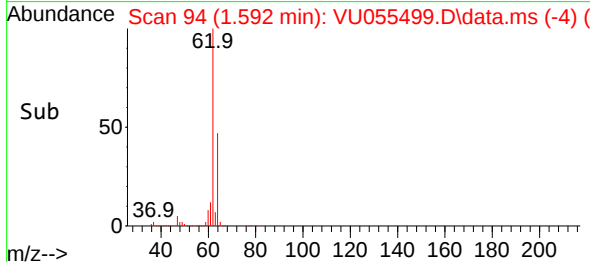
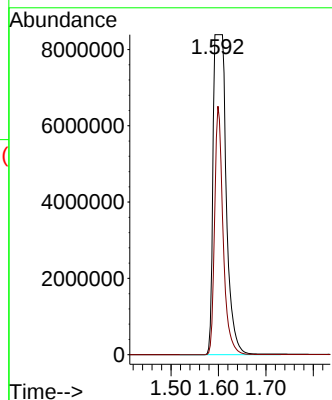
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY8



Tgt Ion: 62 Resp:16236279
 Ion Ratio Lower Upper
 62 100
 64 46.7 22.3 41.5

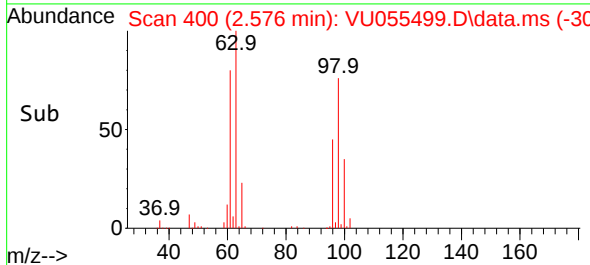
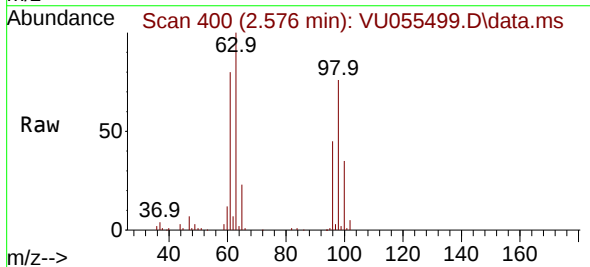
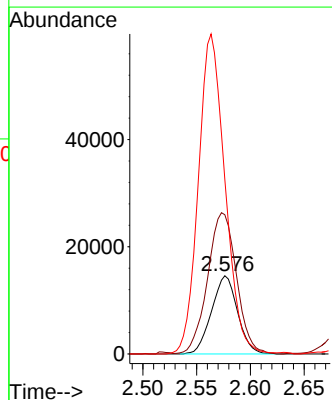
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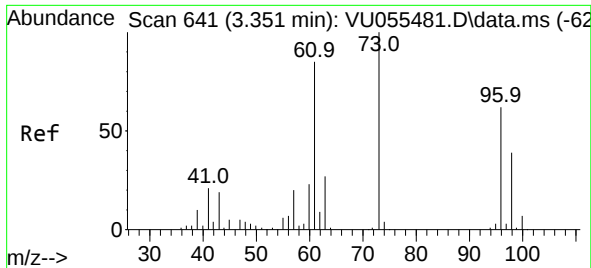
Reviewed By :Mahesh Dadoda 09/28/2023
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#12
 1,1-Dichloroethene
 Concen: 1.453 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU055499.D
 Acq: 25 Sep 2023 16:47

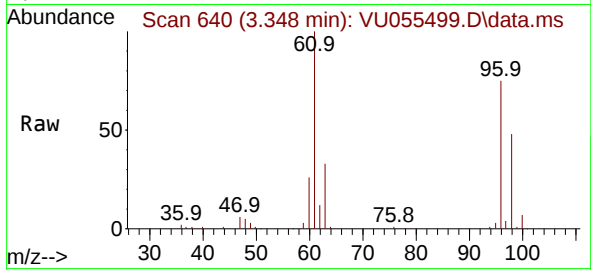
Tgt Ion: 96 Resp: 24486
 Ion Ratio Lower Upper
 96 100
 61 177.8 114.5 212.7
 63 222.8 98.3 182.5





#18
trans-1,2-Dichloroethene
Concen: 4.667 ug/L
RT: 3.348 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47

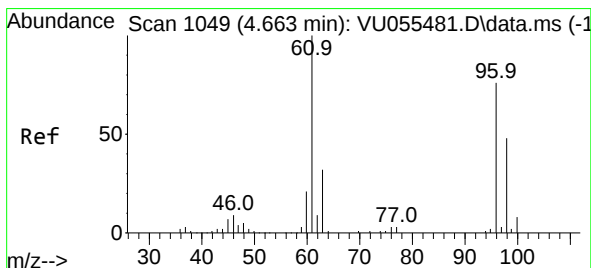
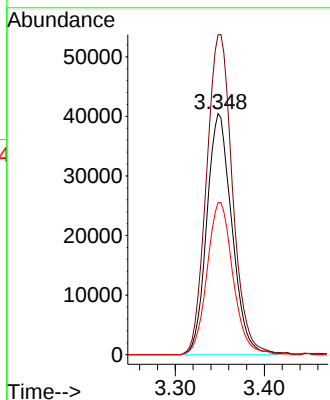
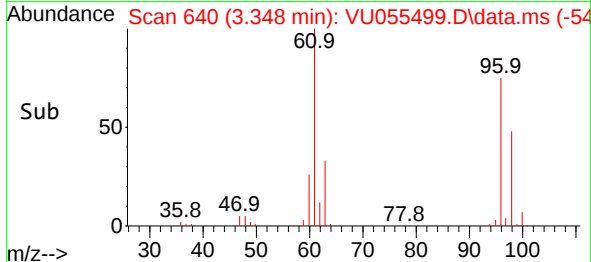
Instrument :
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ClientSampleId :
EYHY8



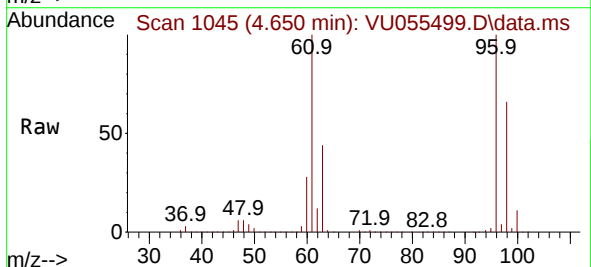
Tgt Ion: 96 Resp: 79279
Ion Ratio Lower Upper
96 100
61 132.7 94.6 175.6
98 63.1 45.7 84.9

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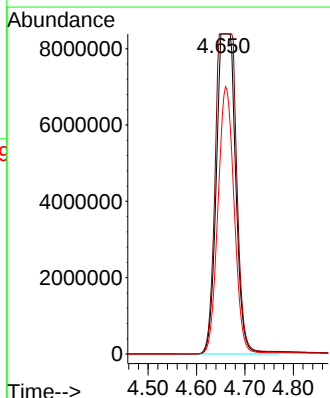
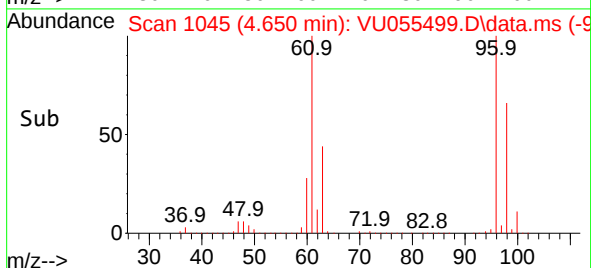
Reviewed By :Mahesh Dadoda 09/28/2023
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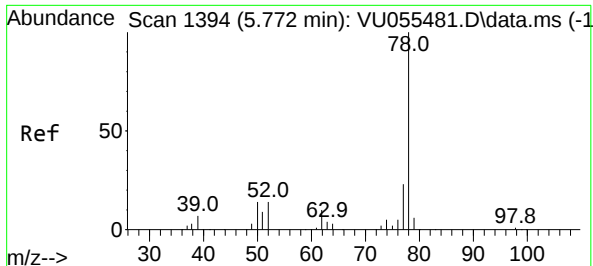


#22
cis-1,2-Dichloroethene
Concen: 1168.573 ug/L m
RT: 4.650 min Scan# 1045
Delta R.T. -0.009 min
Lab File: VU055499.D
Acq: 25 Sep 2023 16:47



Tgt Ion: 96 Resp:23016999
Ion Ratio Lower Upper
96 100
61 100.0 87.8 163.2
98 66.1 44.4 82.4





#33

Benzene

Concen: 0.471 ug/L

RT: 5.775 min Scan# 1395

Delta R.T. 0.007 min

Lab File: VU055499.D

Acq: 25 Sep 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

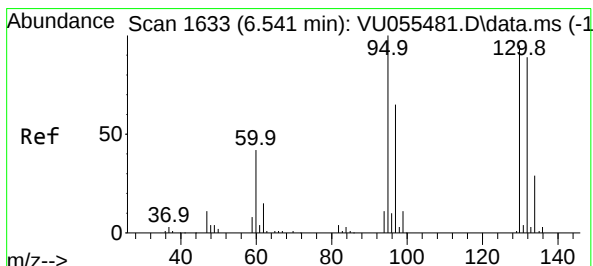
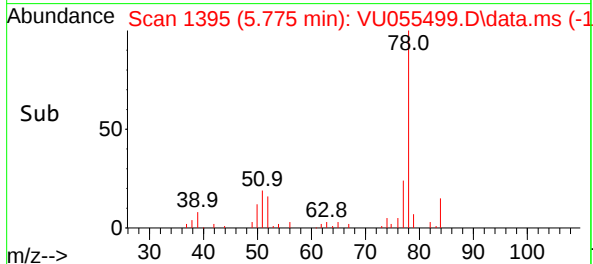
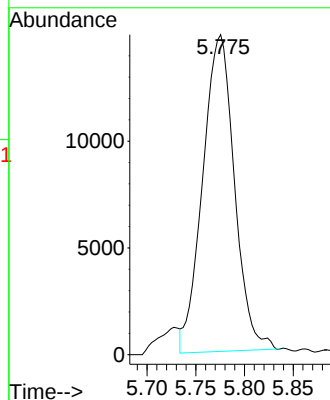
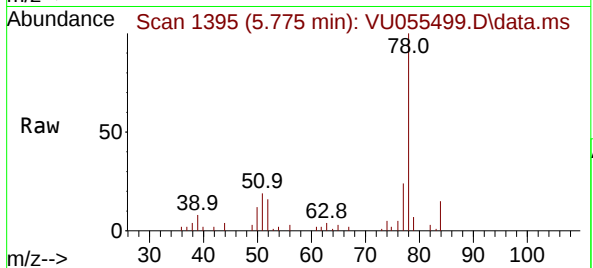
EYHY8

Tgt Ion: 78 Resp: 3363

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#34

Trichloroethene

Concen: 1.507 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055499.D

Acq: 25 Sep 2023 16:47

Tgt Ion: 95 Resp: 30400

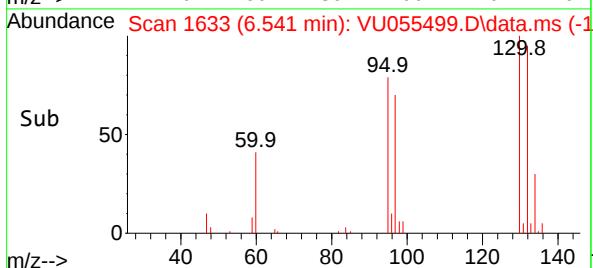
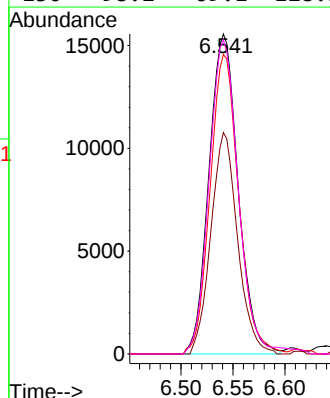
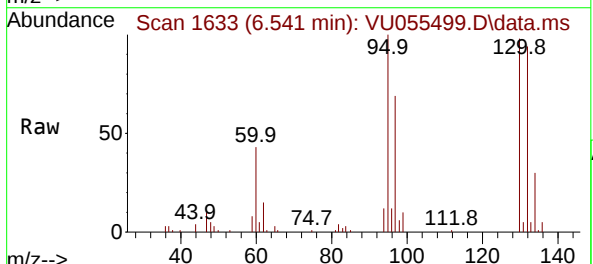
Ion Ratio Lower Upper

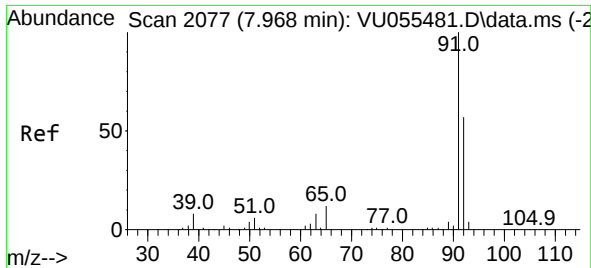
95 100

97 69.2 45.4 84.2

132 93.5 65.2 121.2

130 98.2 69.1 128.3





#42

Toluene

Concen: 0.185 ug/L

RT: 7.972 min Scan# 2077

Delta R.T. 0.007 min

Lab File: VU055499.D

Acq: 25 Sep 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

EYHY8

Tgt Ion: 91 Resp: 14114

Ion Ratio Lower Upper

91 100

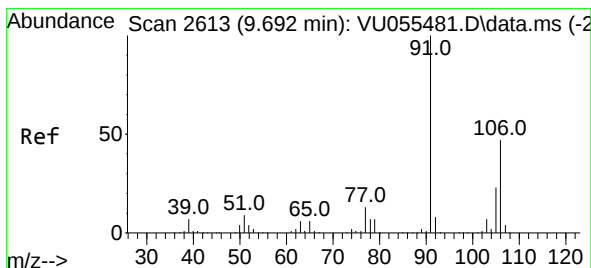
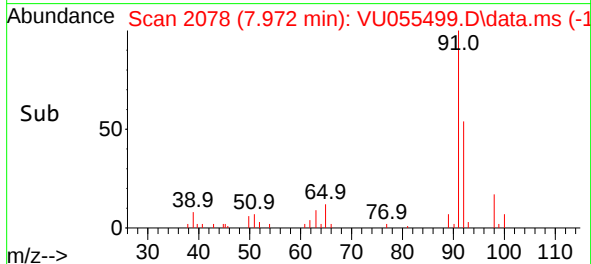
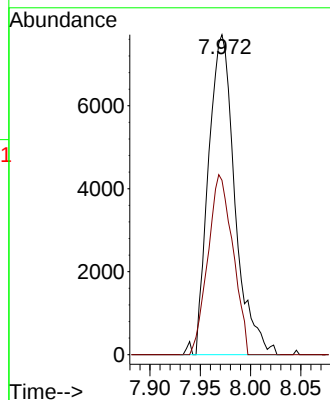
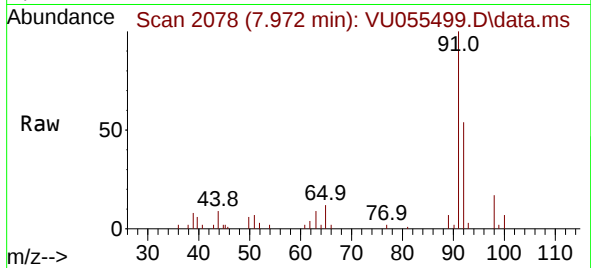
92 54.5 40.3 74.8

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#53

m,p-Xylene

Concen: 0.167 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.003 min

Lab File: VU055499.D

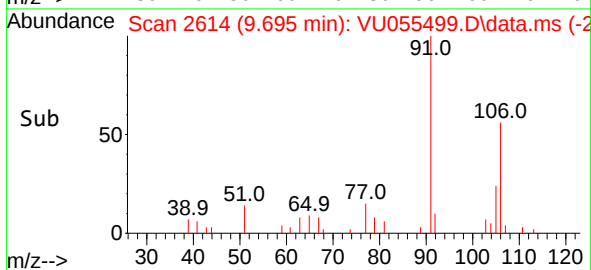
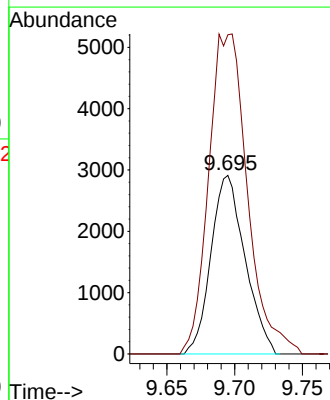
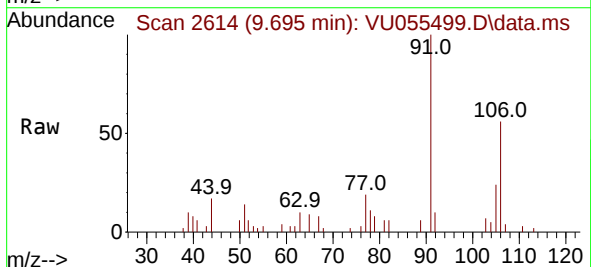
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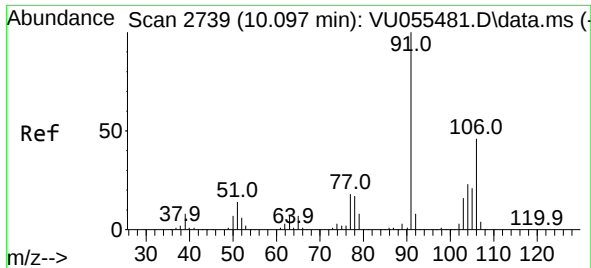
Tgt Ion:106 Resp: 5091

Ion Ratio Lower Upper

106 100

91 178.8 144.8 269.0





#54

o-Xylene

Concen: 0.145 ug/L

RT: 10.103 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU055499.D

Acq: 25 Sep 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

EYHY8

Tgt Ion:106 Resp: 4290

Ion Ratio Lower Upper

106 100

91 241.3 157.6 292.8

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