

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058483.D
 Acq On : 08 Apr 2024 21:20
 Operator : MD/SY
 Sample : P2013-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMA9

Quant Time: Apr 09 05:50:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

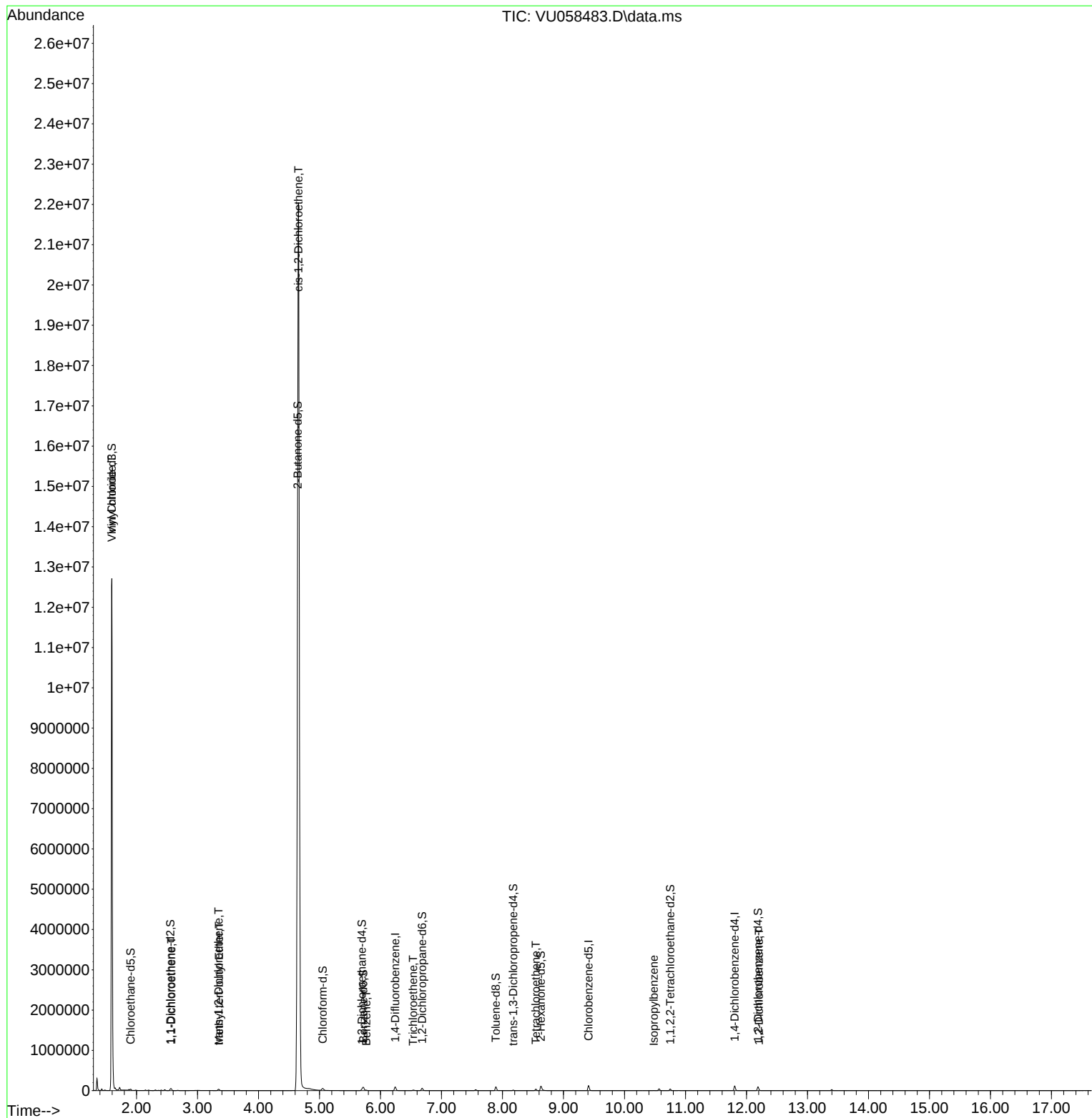
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	80309	17.187	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	343.800%#	
7) Chloroethane-d5	1.904	69	15736	3.875	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.600%	
11) 1,1-Dichloroethene-d2	2.557	65	7397	3.498	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.000%	
20) 2-Butanone-d5	4.640	46	73528	74.670	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.340%#	
24) Chloroform-d	5.052	84	43803	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.695	65	21963	5.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.717	84	77736	4.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.682	67	27907	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.891	98	62313	3.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.200%	
43) trans-1,3-Dichloroprop...	8.174	79	8263	4.608	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.630	63	39865	53.902	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.800%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21090	5.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	24091	4.689	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
5) Vinyl chloride	1.595	62	8372059	1164.378	ug/L	98
12) 1,1-Dichloroethene	2.570	96	8739	1.747	ug/L #	70
17) Methyl tert-butyl Ether	3.354	73	4059	0.344	ug/L #	78
18) trans-1,2-Dichloroethene	3.345	96	12107	2.310	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	10047031	1706.666	ug/L	94
33) Benzene	5.769	78	8966	0.362	ug/L	100
34) Trichloroethene	6.534	95	5587	0.894	ug/L	96
47) Tetrachloroethene	8.547	164	8174	1.784	ug/L	91
60) Isopropylbenzene	10.479	105	2145	0.096	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	3070	0.311	ug/L	92

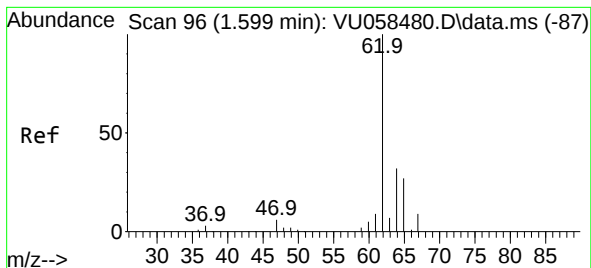
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1164.378 ug/L

RT: 1.595 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU058483.D

Acq: 08 Apr 2024 21:20

Instrument :

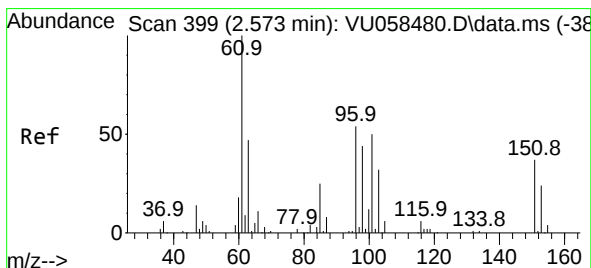
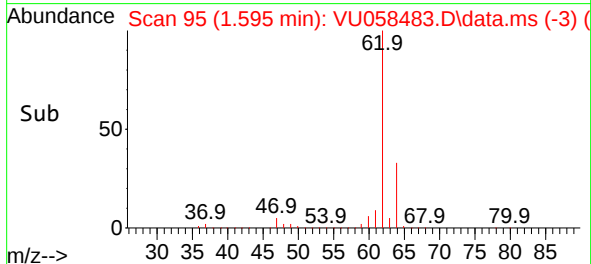
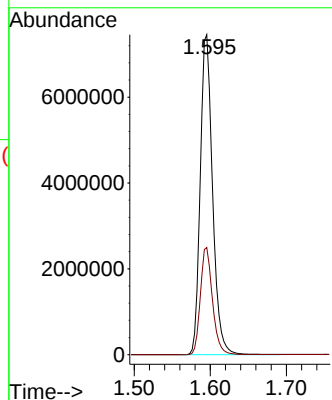
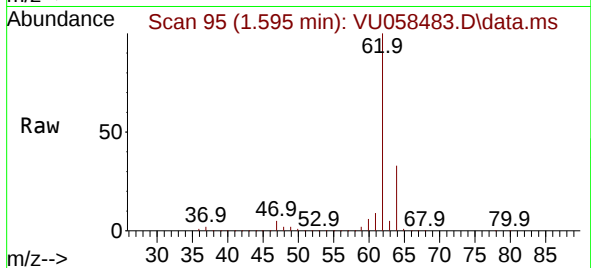
MSVOA_U

ClientSampleId :

EOMA9

Tgt Ion: 62 Resp: 8372059

Ion	Ratio	Lower	Upper
62	100		
64	33.5	22.6	42.0



#12

1,1-Dichloroethene

Concen: 1.747 ug/L

RT: 2.570 min Scan# 398

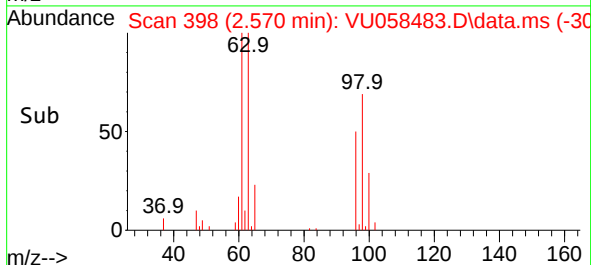
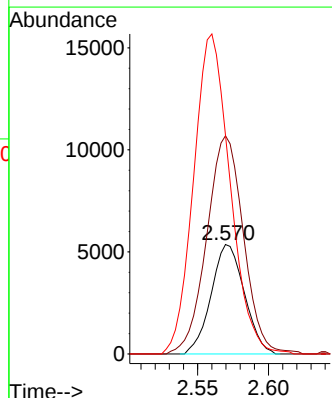
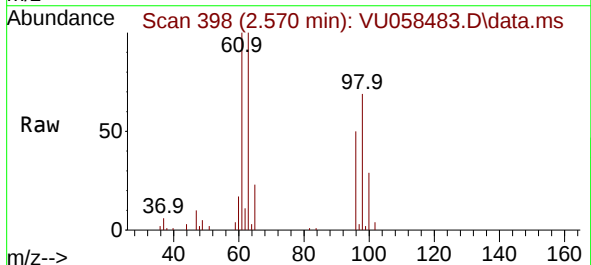
Delta R.T. -0.003 min

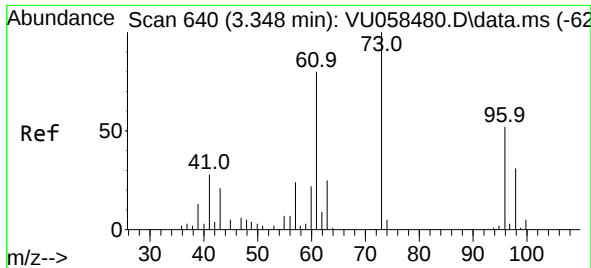
Lab File: VU058483.D

Acq: 08 Apr 2024 21:20

Tgt Ion: 96 Resp: 8739

Ion	Ratio	Lower	Upper
96	100		
61	199.4	132.5	246.1
63	200.0	87.7	162.9

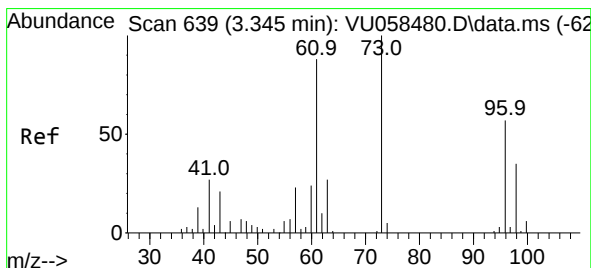
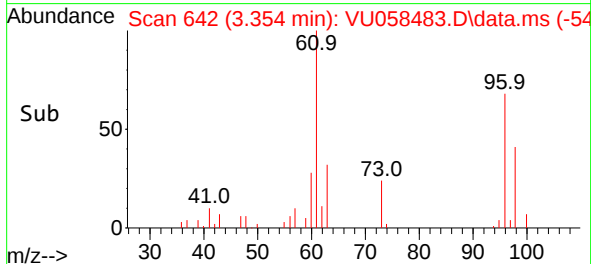
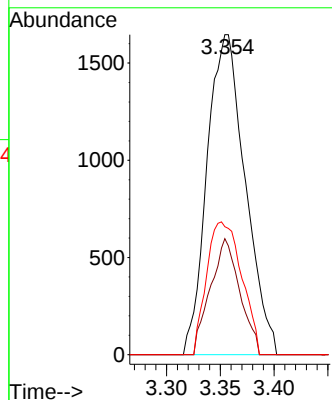
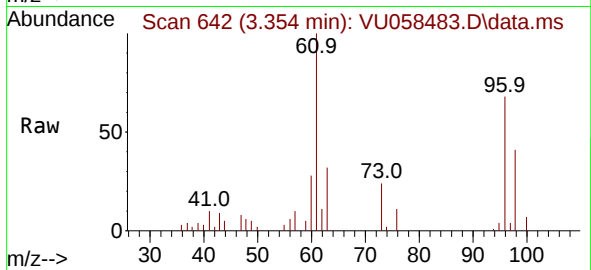




#17
Methyl tert-butyl Ether
Concen: 0.344 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU058483.D
Acq: 08 Apr 2024 21:20

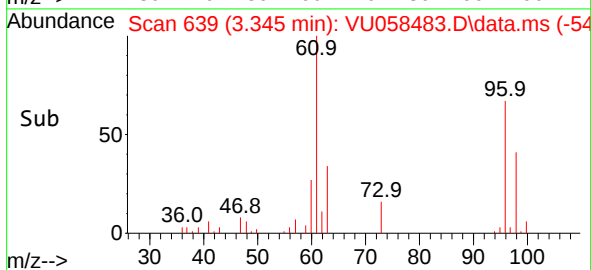
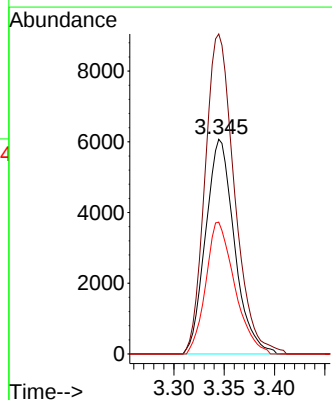
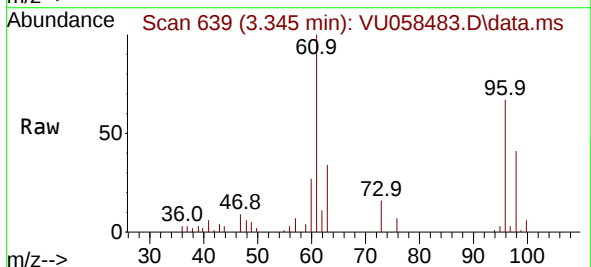
Instrument :
MSVOA_U
ClientSampleId :
EOMA9

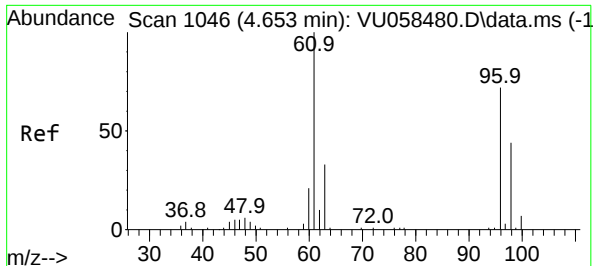
Tgt Ion: 73 Resp: 4059
Ion Ratio Lower Upper
73 100
43 28.1 17.4 26.2#
57 38.0 18.6 27.8#



#18
trans-1,2-Dichloroethene
Concen: 2.310 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058483.D
Acq: 08 Apr 2024 21:20

Tgt Ion: 96 Resp: 12107
Ion Ratio Lower Upper
96 100
61 149.0 107.6 199.8
98 61.3 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 1706.666 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU058483.D

Acq: 08 Apr 2024 21:20

Instrument :

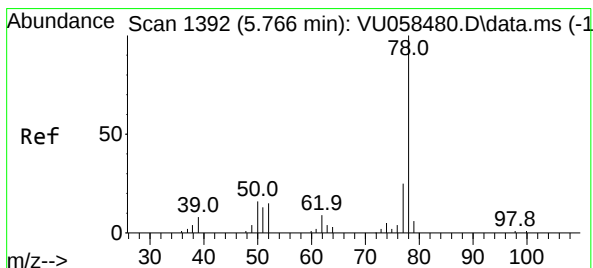
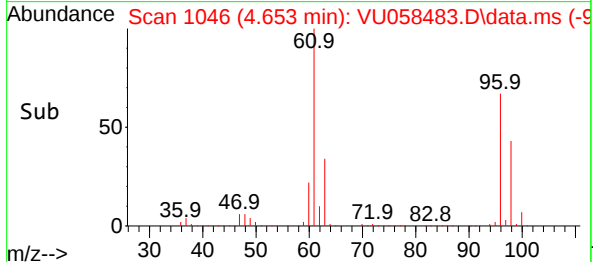
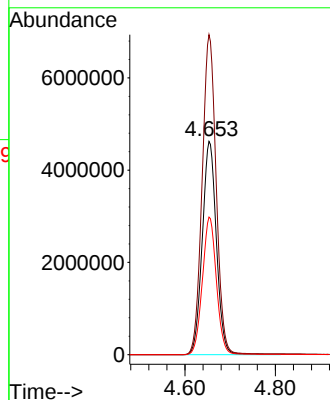
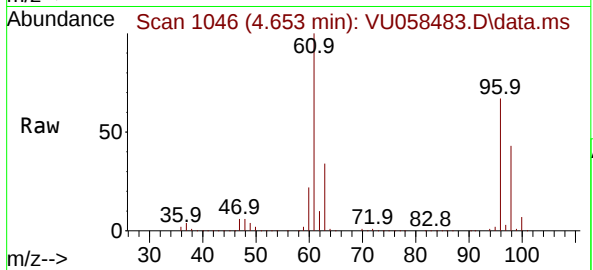
MSVOA_U

ClientSampleId :

EOMA9

Tgt Ion: 96 Resp:10047031

Ion	Ratio	Lower	Upper
96	100		
61	150.0	98.1	182.3
98	64.5	43.6	81.0



#33

Benzene

Concen: 0.362 ug/L

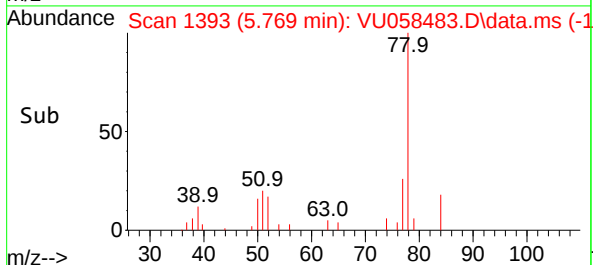
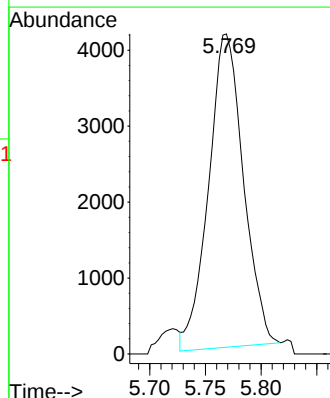
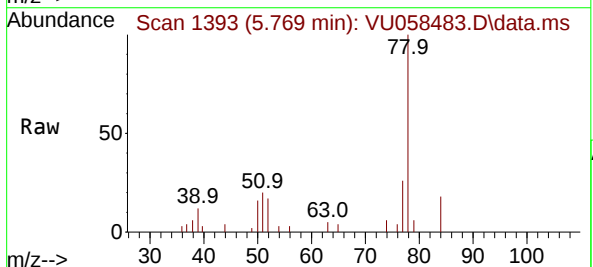
RT: 5.769 min Scan# 1393

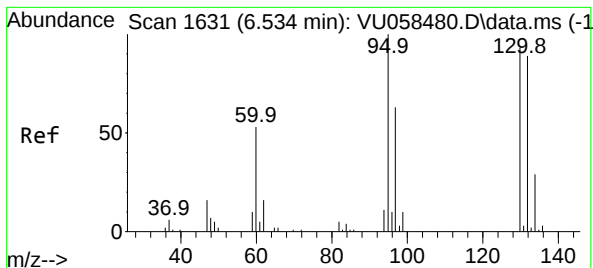
Delta R.T. 0.003 min

Lab File: VU058483.D

Acq: 08 Apr 2024 21:20

Tgt Ion: 78 Resp: 8966





#34

Trichloroethene

Concen: 0.894 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058483.D

Acq: 08 Apr 2024 21:20

Instrument :

MSVOA_U

ClientSampleId :

E0MA9

Tgt Ion: 95 Resp: 5587

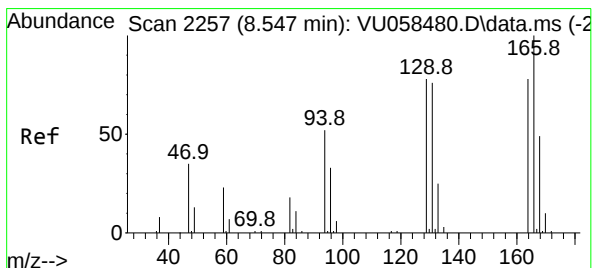
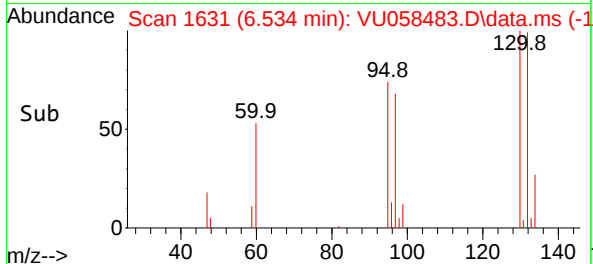
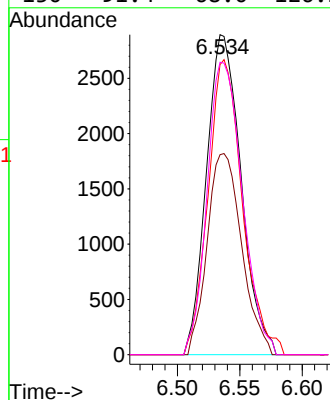
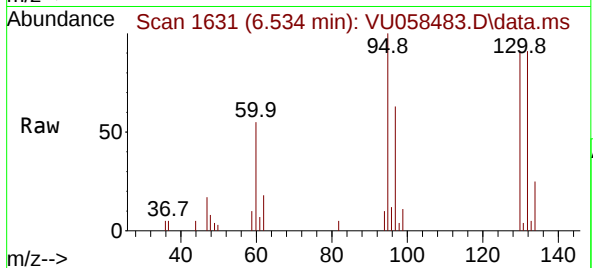
Ion Ratio Lower Upper

95 100

97 62.5 45.6 84.6

132 90.6 64.8 120.3

130 91.4 68.0 126.2



#47

Tetrachloroethene

Concen: 1.784 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058483.D

Acq: 08 Apr 2024 21:20

Tgt Ion: 164 Resp: 8174

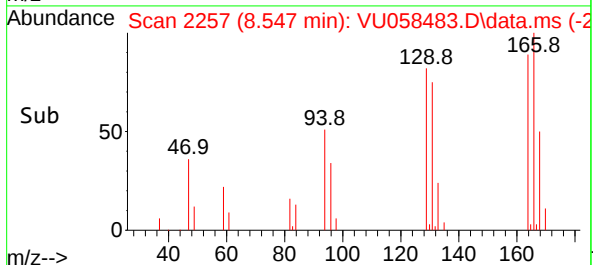
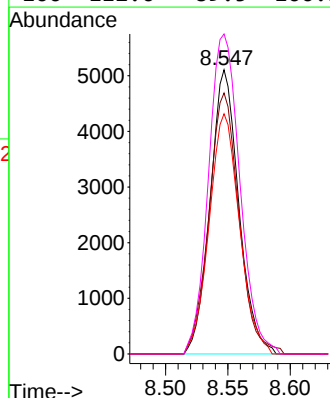
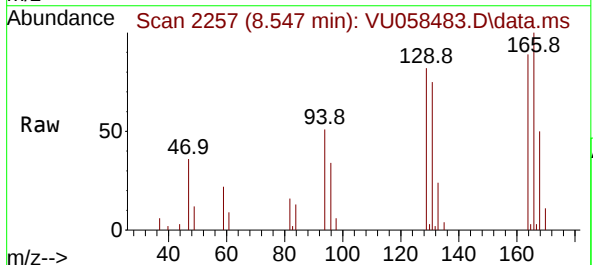
Ion Ratio Lower Upper

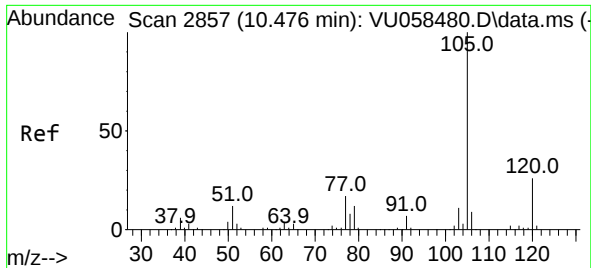
164 100

129 91.8 67.3 125.1

131 84.5 65.5 121.6

166 112.6 89.5 166.1

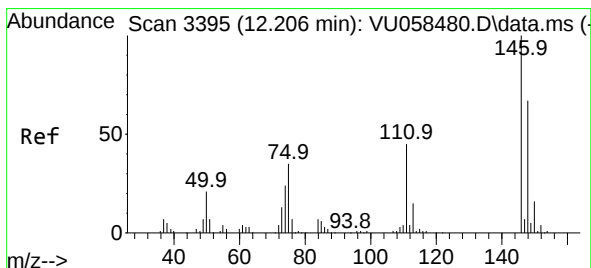
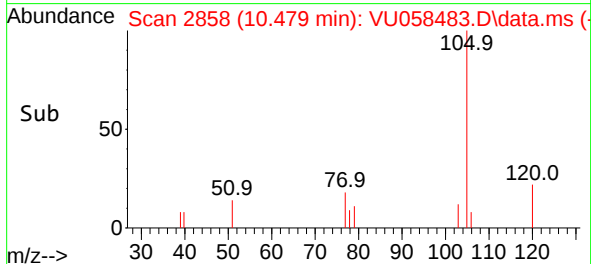
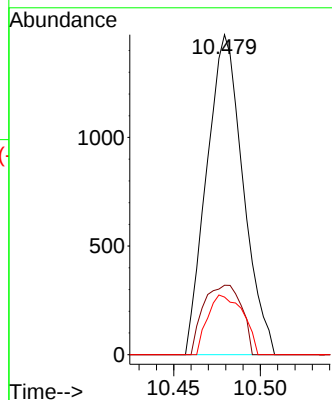
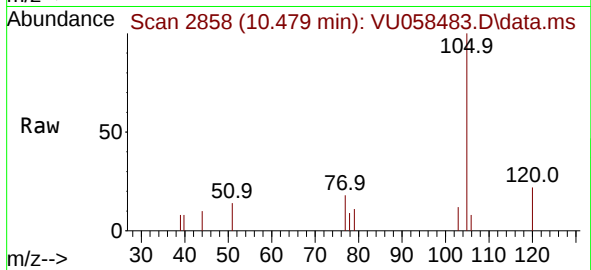




#60
Isopropylbenzene
Concen: 0.096 ug/L
RT: 10.479 min Scan# 2145
Delta R.T. 0.003 min
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Tgt Ion:105 Resp: 2145
Ion Ratio Lower Upper
105 100
120 22.8 20.2 30.4
77 18.2 13.5 20.3



#67
1,2-Dichlorobenzene
Concen: 0.311 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU058483.D
Acq: 08 Apr 2024 21:20

Tgt Ion:146 Resp: 3070
Ion Ratio Lower Upper
146 100
111 46.8 35.0 52.4
148 58.2 52.5 78.7

