

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058492.D
 Acq On : 09 Apr 2024 00:52
 Operator : MD/SY
 Sample : P2013-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MB8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/10/2024
 Supervised By :Semsettin Yesilyurt 04/10/2024

Quant Time: Apr 09 05:53:12 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	73963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30203	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	118432	24.186	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	483.800%#	
7) Chloroethane-d5	1.904	69	15057	3.538	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.800%	
11) 1,1-Dichloroethene-d2	2.560	65	6421	2.897	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.000%#	
20) 2-Butanone-d5	4.656	46	88177	85.447	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	170.900%#	
24) Chloroform-d	5.052	84	41332	4.228	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.692	65	20695	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.718	84	73862	3.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	6.682	67	26462	4.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.891	98	58701	3.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	7618	4.123	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.627	63	39868	52.310	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.620%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19704	4.689	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	22042	4.333	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.589	62	11736333	1557.553	ug/L	92
12) 1,1-Dichloroethene	2.573	96	53316	10.171	ug/L #	82
17) Methyl tert-butyl Ether	3.351	73	4015	0.324	ug/L #	89
18) trans-1,2-Dichloroethene	3.341	96	203993	37.132	ug/L	97
22) cis-1,2-Dichloroethene	4.644	96	27851421m	4514.470	ug/L	
34) Trichloroethene	6.534	95	62832	9.753	ug/L	97
47) Tetrachloroethene	8.547	164	70885	15.009	ug/L	98

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

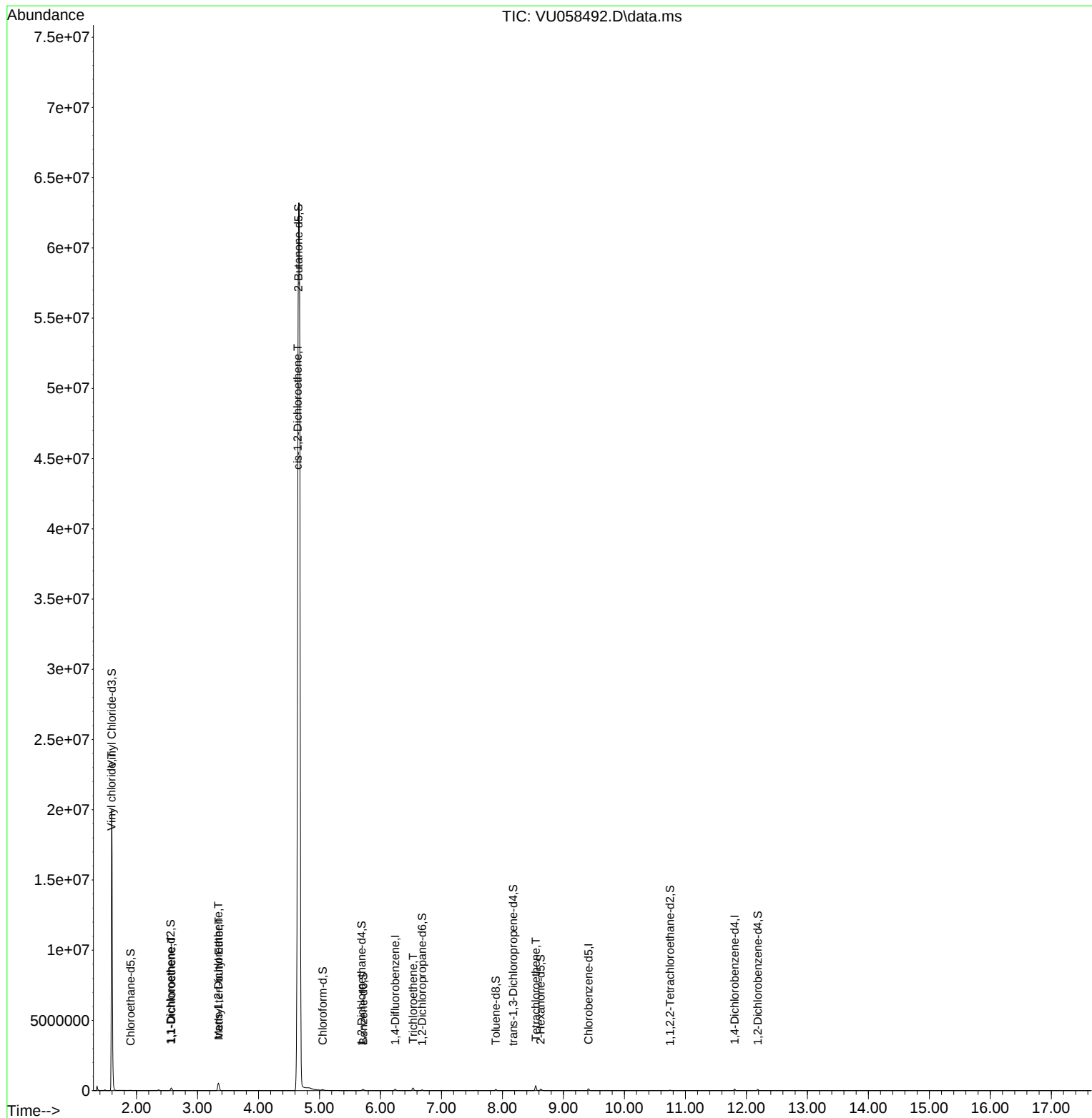
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058492.D
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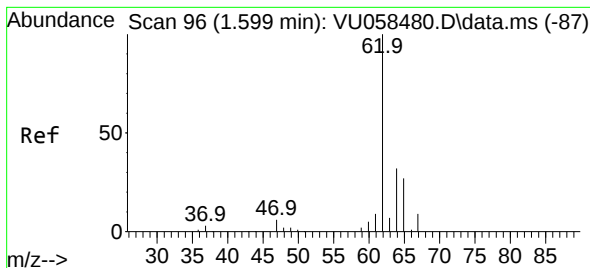
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1557.553 ug/L

RT: 1.589 min Scan# 91

Delta R.T. -0.010 min

Lab File: VU058492.D

Acq: 09 Apr 2024 00:52

Instrument :

MSVOA_U

ClientSampleId :

EOMB8

Tgt Ion: 62 Resp:1173633

Ion Ratio Lower Upper

62 100

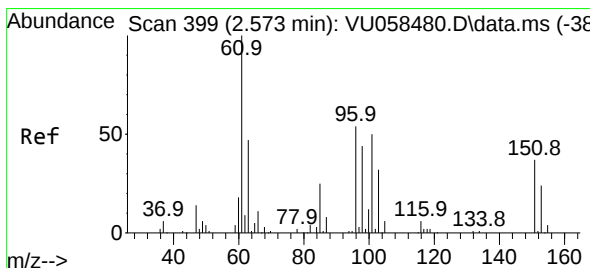
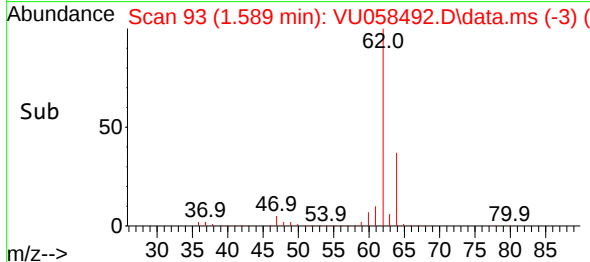
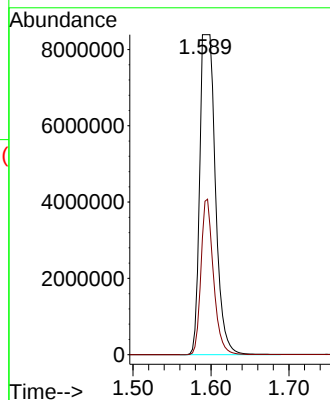
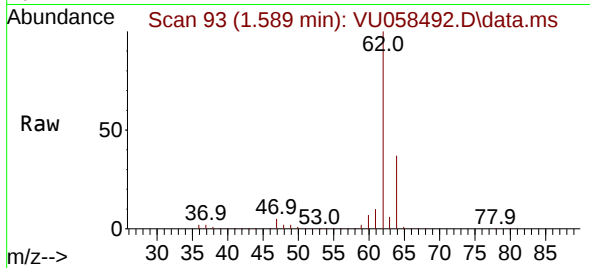
64 36.6 22.6 42.0

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 10.171 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058492.D

Acq: 09 Apr 2024 00:52

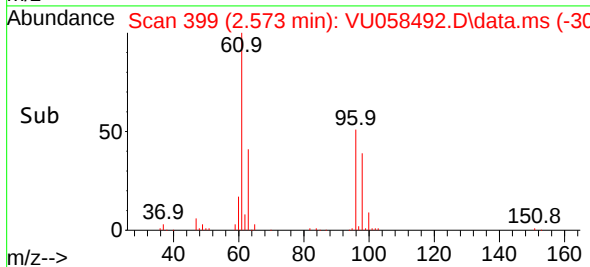
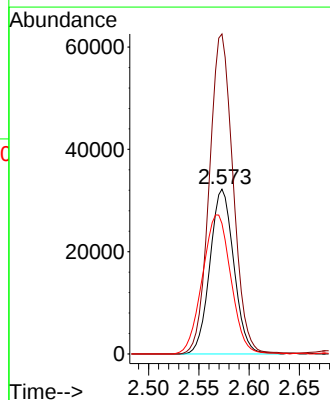
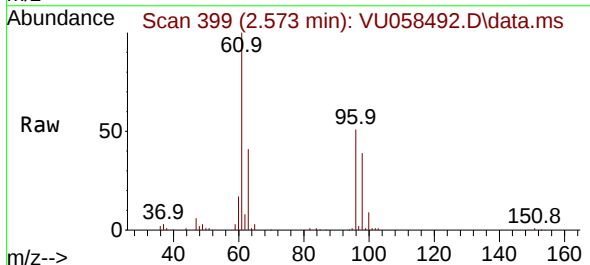
Tgt Ion: 96 Resp: 53316

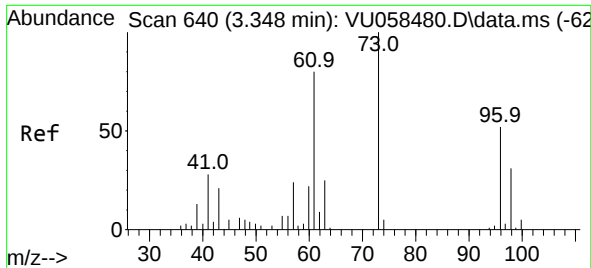
Ion Ratio Lower Upper

96 100

61 194.2 132.5 246.1

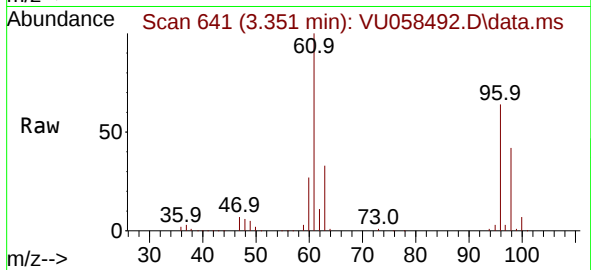
63 79.1 87.7 162.9#





#17
Methyl tert-butyl Ether
Concen: 0.324 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058492.D
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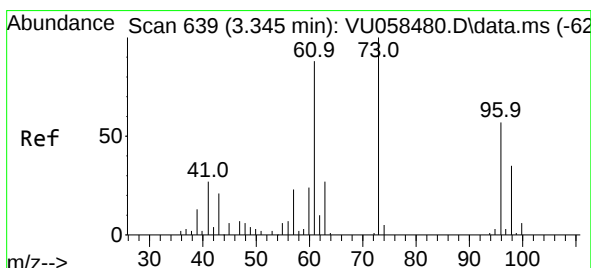
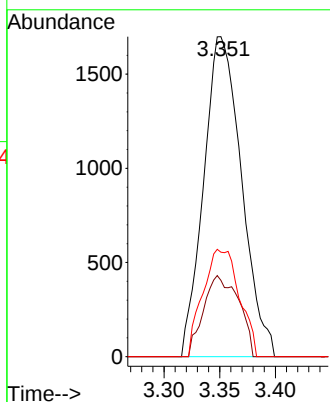
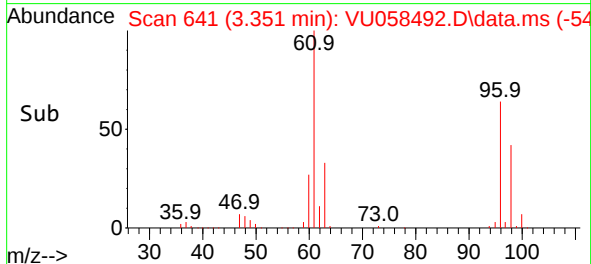
Instrument :
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ClientSampleId :
EOMB8



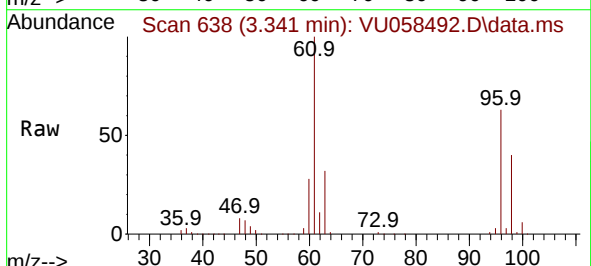
Tgt Ion: 73 Resp: 401
Ion Ratio Lower Upper
73 100
43 23.5 17.4 26.2
57 32.2 18.6 27.8

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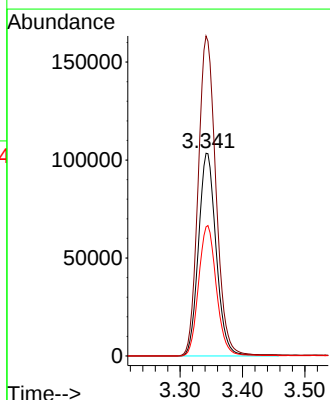
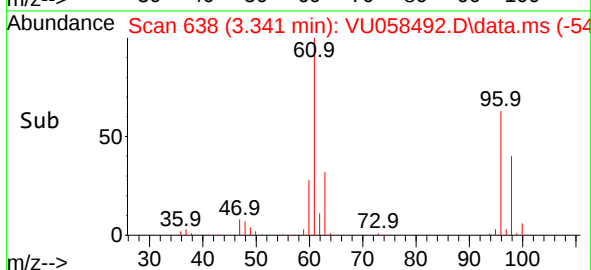
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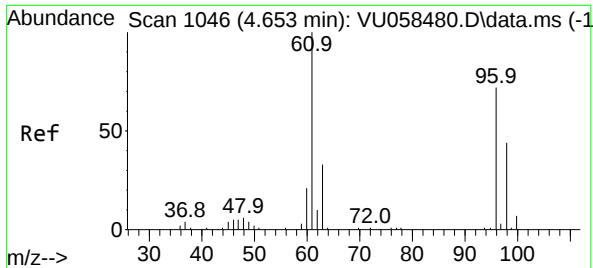


#18
trans-1,2-Dichloroethene
Concen: 37.132 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU058492.D
Acq: 09 Apr 2024 00:52



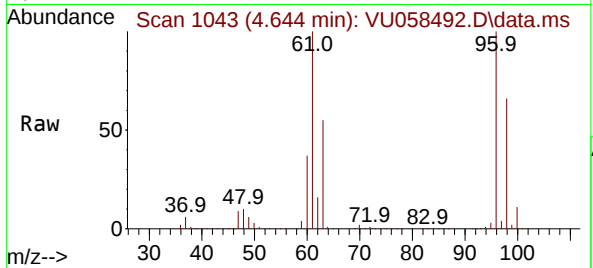
Tgt Ion: 96 Resp: 203993
Ion Ratio Lower Upper
96 100
61 157.8 107.6 199.8
98 63.7 45.1 83.7





#22
cis-1,2-Dichloroethene
Concen: 4514.470 ug/L m
RT: 4.644 min Scan# 1043
Delta R.T. -0.010 min
Lab File: VU058492.D
Acq: 09 Apr 2024 00:52

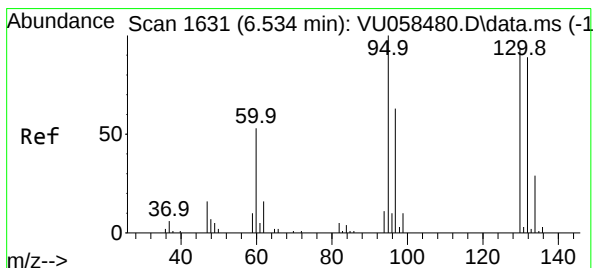
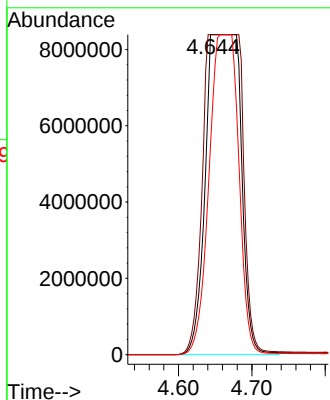
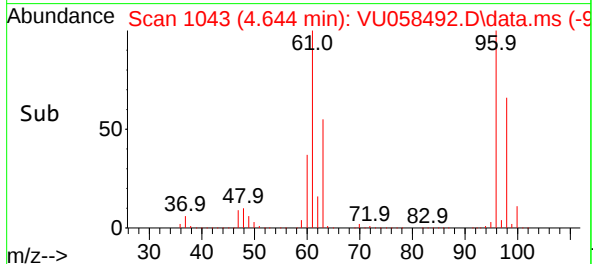
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EOMB8



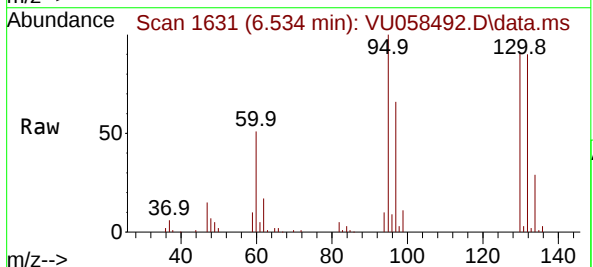
Tgt Ion: 96 Resp: 2785142
Ion Ratio Lower Upper
96 100
61 100.0 98.1 182.3
98 65.5 43.6 81.0

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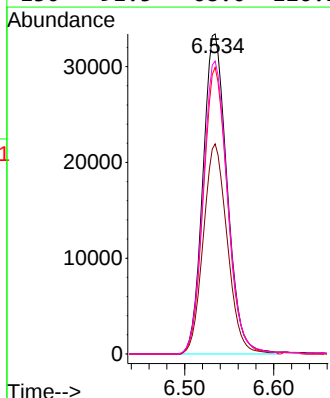
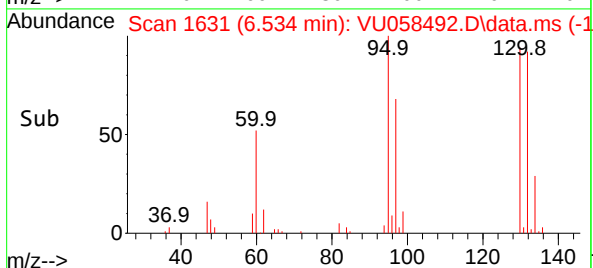
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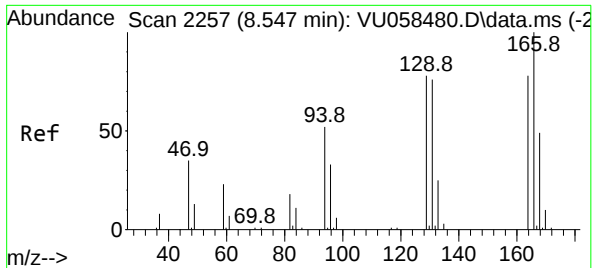


#34
Trichloroethene
Concen: 9.753 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058492.D
Acq: 09 Apr 2024 00:52



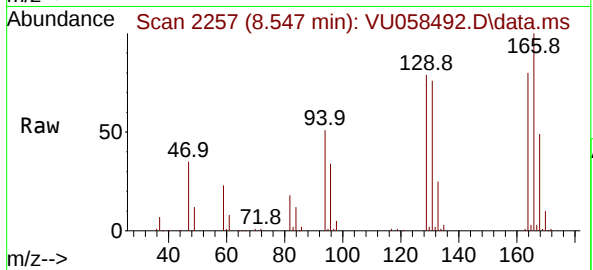
Tgt Ion: 95 Resp: 62832
Ion Ratio Lower Upper
95 100
97 65.7 45.6 84.6
132 89.5 64.8 120.3
130 91.5 68.0 126.2





#47
Tetrachloroethene
Concen: 15.009 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058492.D
Acq: 09 Apr 2024 00:52

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164	Resp:	70889
Ion	Ratio	Lower Upper
164	100	
129	98.7	67.3 125.1
131	95.9	65.5 121.6
166	125.4	89.5 166.1

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