

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058493.D
 Acq On : 09 Apr 2024 01:15
 Operator : MD/SY
 Sample : P2013-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMB9

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 05:53:29 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	75360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	71507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	118905	23.832	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	476.600%#	
7) Chloroethane-d5	1.904	69	14961	3.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.000%	
11) 1,1-Dichloroethene-d2	2.557	65	6533	2.893	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.800%#	
20) 2-Butanone-d5	4.657	46	91851	87.357	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	174.720%#	
24) Chloroform-d	5.052	84	41470	4.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
26) 1,2-Dichloroethane-d4	5.695	65	21290	4.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.718	84	73322	3.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.682	67	26571	4.401	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.891	98	59054	3.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.200%#	
43) trans-1,3-Dichloroprop...	8.174	79	7848	4.188	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.628	63	40927	52.948	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.900%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19993	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	22600	4.228	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.589	62	11760997	1531.892	ug/L	90
12) 1,1-Dichloroethene	2.573	96	53309	9.982	ug/L #	83
17) Methyl tert-butyl Ether	3.354	73	4421	0.350	ug/L #	88
18) trans-1,2-Dichloroethene	3.342	96	203246	36.310	ug/L	97
22) cis-1,2-Dichloroethene	4.644	96	27869172m	4433.606	ug/L	
34) Trichloroethene	6.534	95	60187	9.212	ug/L	96
47) Tetrachloroethene	8.544	164	68736	14.350	ug/L	97

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

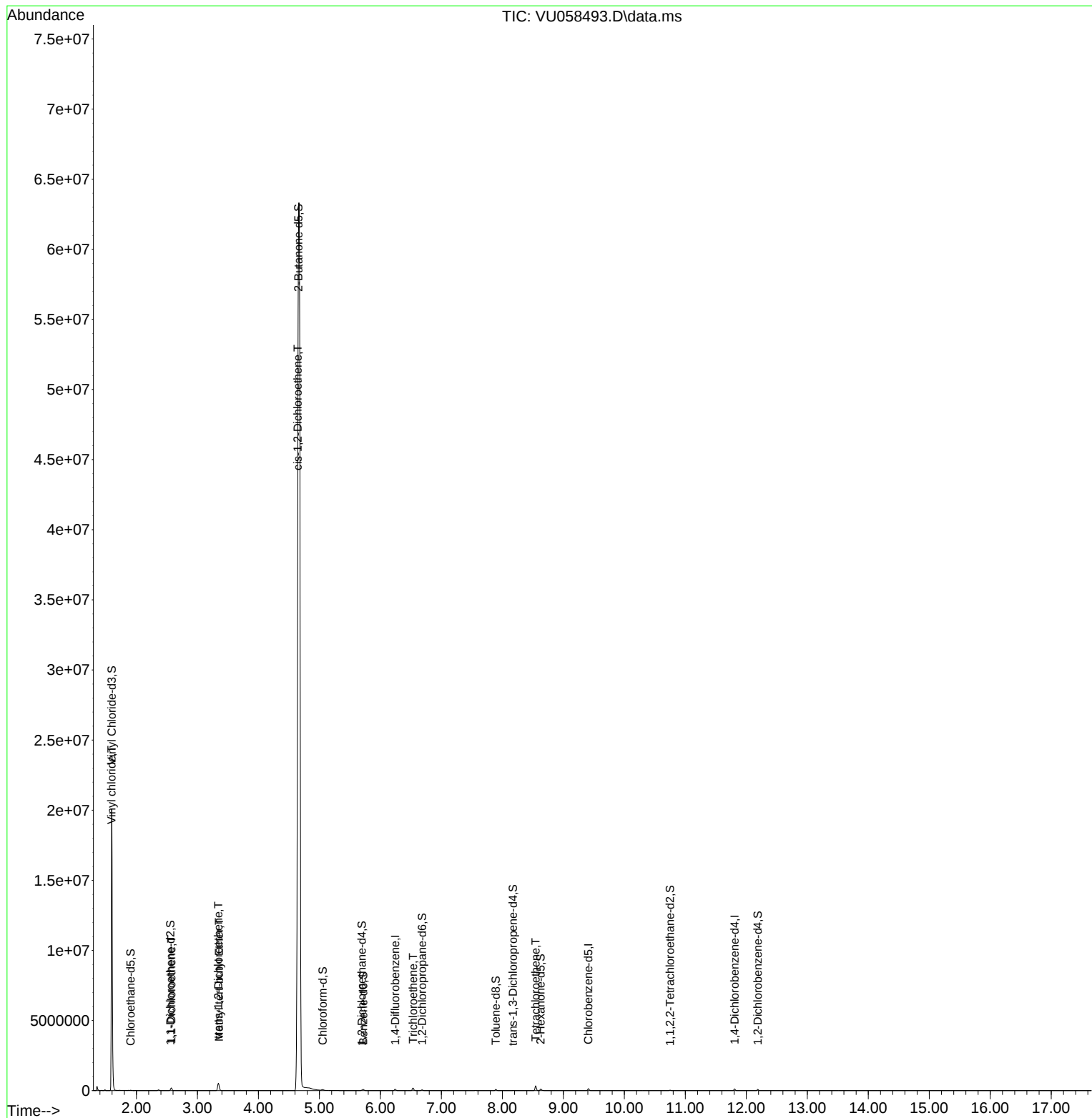
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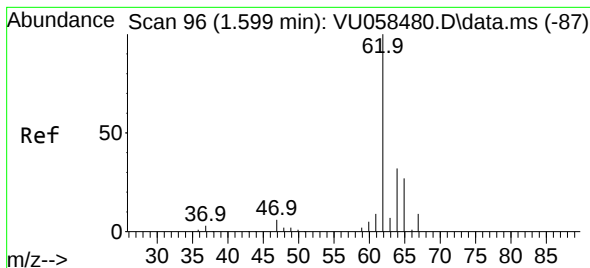
Instrument :
MSVOA_U
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E0MB9

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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: 1531.892 ug/L

RT: 1.589 min Scan# 91

Delta R.T. -0.010 min

Lab File: VU058493.D

Acq: 09 Apr 2024 01:15

Instrument :

MSVOA_U

ClientSampleId :

EOMB9

Tgt Ion: 62 Resp:1176099

Ion Ratio Lower Upper

62 100

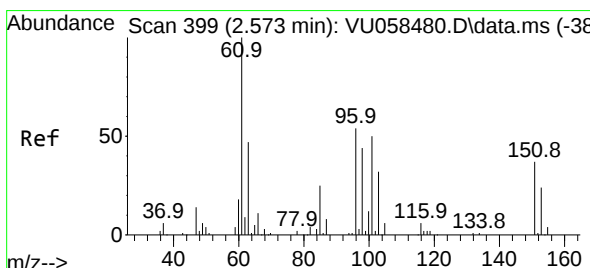
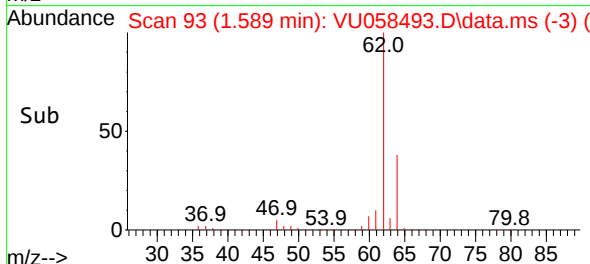
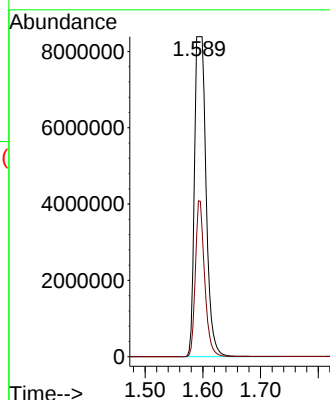
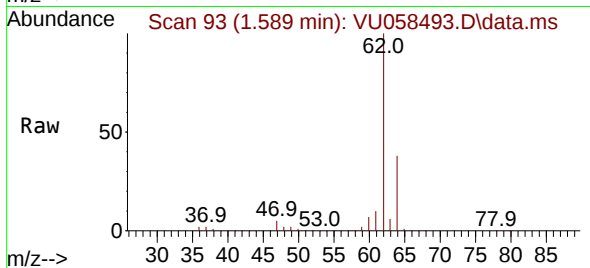
64 37.8 22.6 42.0

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#12

1,1-Dichloroethene

Concen: 9.982 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058493.D

Acq: 09 Apr 2024 01:15

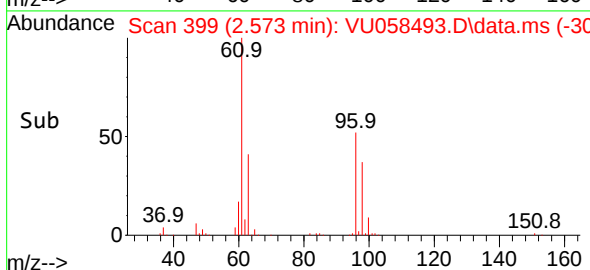
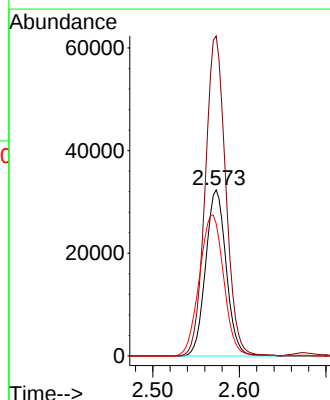
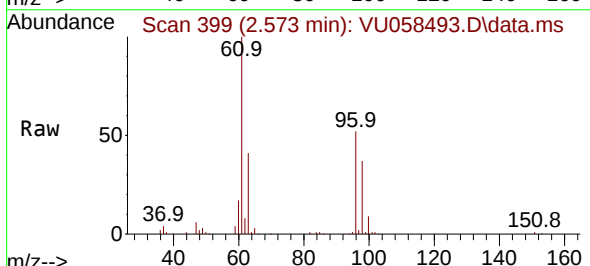
Tgt Ion: 96 Resp: 53309

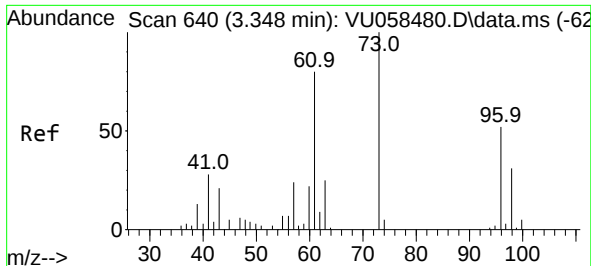
Ion Ratio Lower Upper

96 100

61 192.8 132.5 246.1

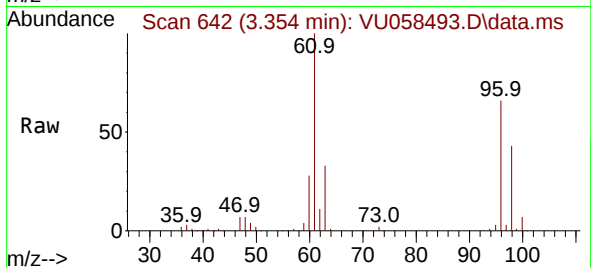
63 79.6 87.7 162.9#





#17
Methyl tert-butyl Ether
Concen: 0.350 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU058493.D
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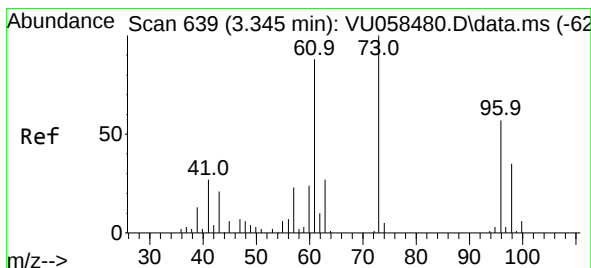
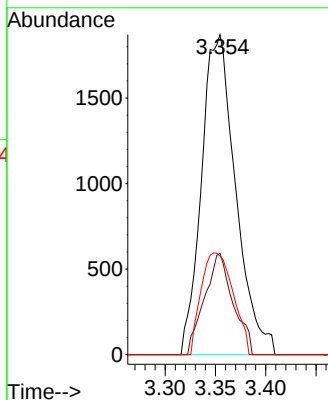
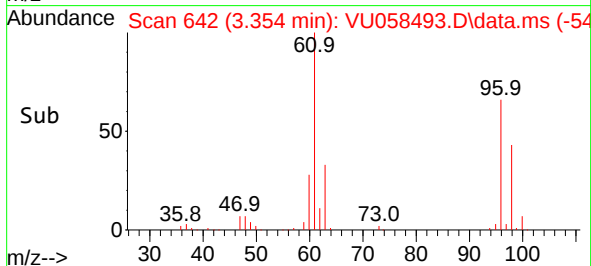
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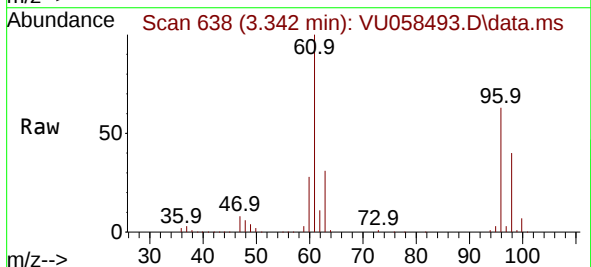
Tgt Ion: 73 Resp: 442
Ion Ratio Lower Upper
73 100
43 26.6 17.4 26.2
57 29.8 18.6 27.8

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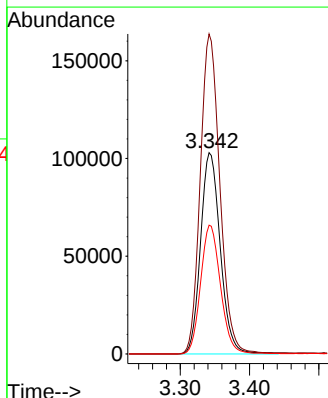
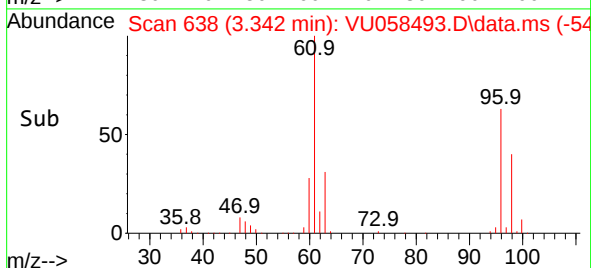
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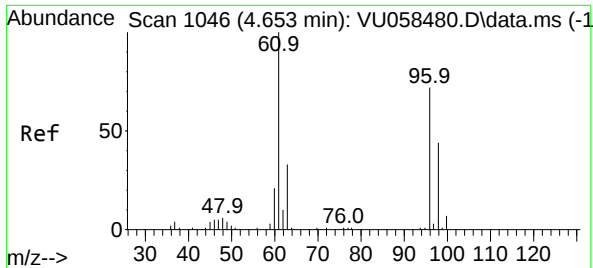


#18
trans-1,2-Dichloroethene
Concen: 36.310 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU058493.D
Acq: 09 Apr 2024 01:15



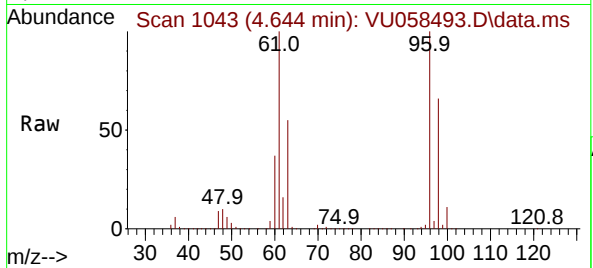
Tgt Ion: 96 Resp: 203246
Ion Ratio Lower Upper
96 100
61 159.0 107.6 199.8
98 64.0 45.1 83.7





#22
cis-1,2-Dichloroethene
Concen: 4433.606 ug/L m
RT: 4.644 min Scan# 1043
Delta R.T. -0.010 min
Lab File: VU058493.D
Acq: 09 Apr 2024 01:15

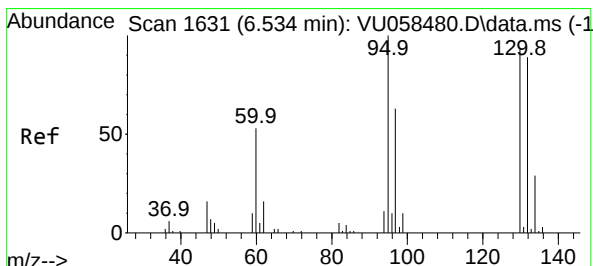
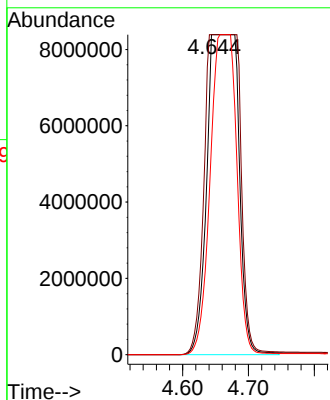
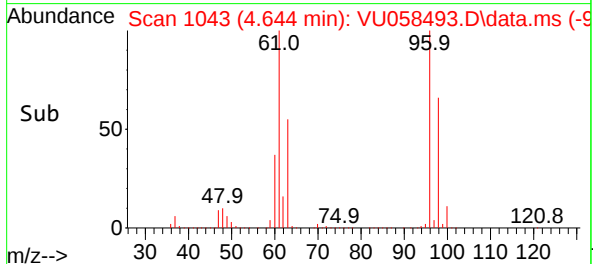
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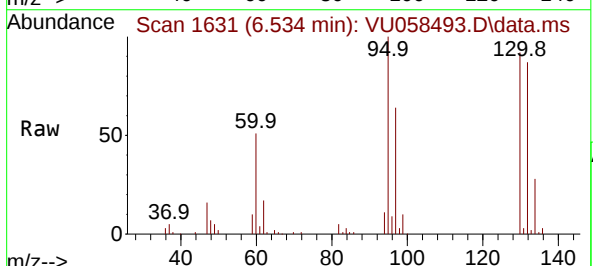
Tgt Ion: 96 Resp: 2786917
Ion Ratio Lower Upper
96 100
61 100.0 98.1 182.3
98 65.6 43.6 81.0

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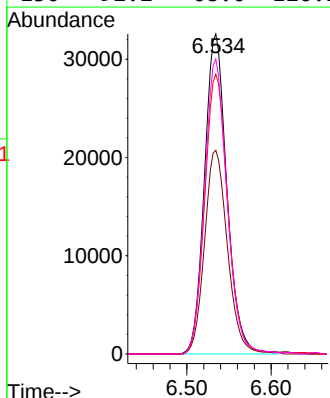
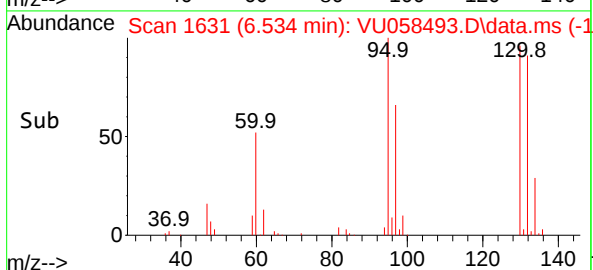
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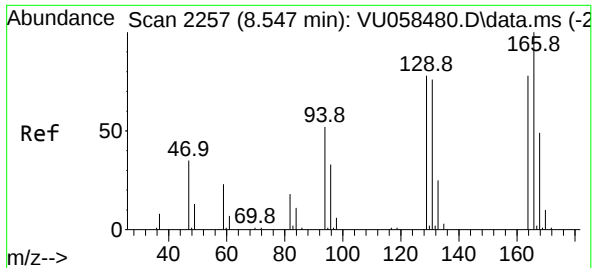


#34
Trichloroethene
Concen: 9.212 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058493.D
Acq: 09 Apr 2024 01:15



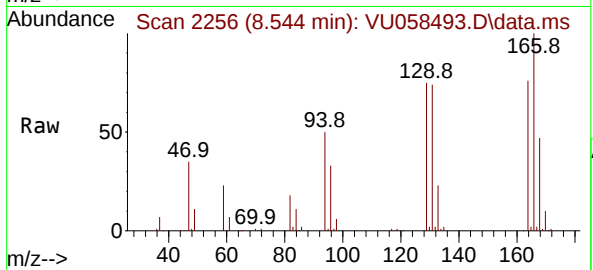
Tgt Ion: 95 Resp: 60187
Ion Ratio Lower Upper
95 100
97 63.6 45.6 84.6
132 87.4 64.8 120.3
130 92.2 68.0 126.2





#47
 Tetrachloroethene
 Concen: 14.350 ug/L
 RT: 8.544 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU058493.D
 Acq: 09 Apr 2024 01:15

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	68730
Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.3	125.1
131	96.6	65.5	121.6
166	130.9	89.5	166.1

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