

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057231.D
 Acq On : 23 Dec 2023 08:41
 Operator : MD/SY
 Sample : 05979-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGRS7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 25 00:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	174304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	182154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71162	4.271	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.400%		
7) Chloroethane-d5	1.911	69	61532	4.487	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	89.800%		
11) 1,1-Dichloroethene-d2	2.563	65	30969	4.290	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.800%		
20) 2-Butanone-d5	4.618	46	150404	57.499	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	115.000%		
24) Chloroform-d	5.055	84	152658	4.745	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.800%		
26) 1,2-Dichloroethane-d4	5.695	65	76795	5.008	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.200%		
32) Benzene-d6	5.721	84	278526	4.458	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.200%		
36) 1,2-Dichloropropane-d6	6.685	67	87305	4.911	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.200%		
41) Toluene-d8	7.894	98	228336	4.003	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
43) trans-1,3-Dichloroprop...	8.177	79	30395	4.107	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.200%		
46) 2-Hexanone-d5	8.627	63	142658	56.614	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	113.220%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	65143	5.149	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	103.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	81856	4.872	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.400%		
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.656	96	2340	0.167	ug/L	90
47) Tetrachloroethene	8.557	164	23320993m	1927.264	ug/L	

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

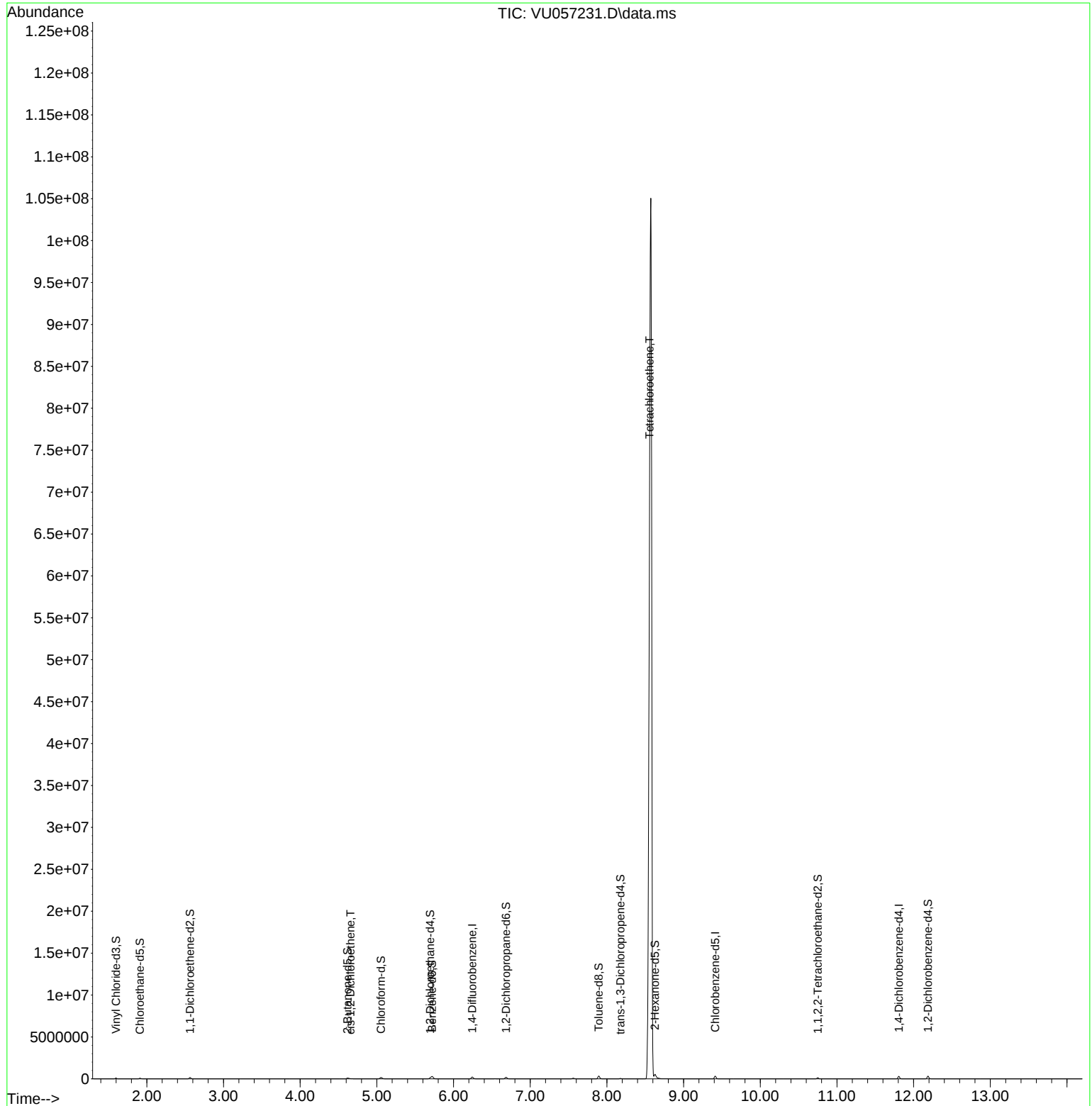
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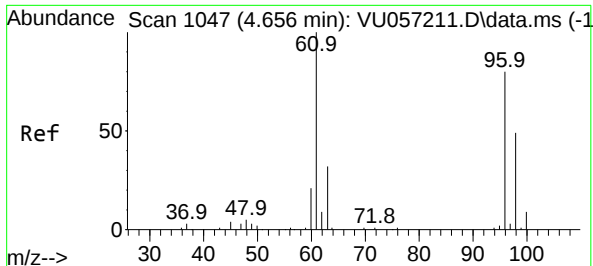
Instrument :
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#22

cis-1,2-Dichloroethene

Concen: 0.167 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057231.D

Acq: 23 Dec 2023 08:41

Instrument :

MSVOA_U

ClientSampleId :

BGRS7

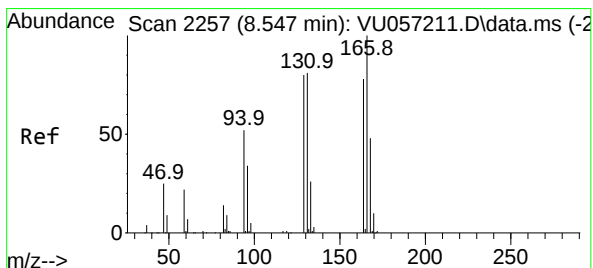
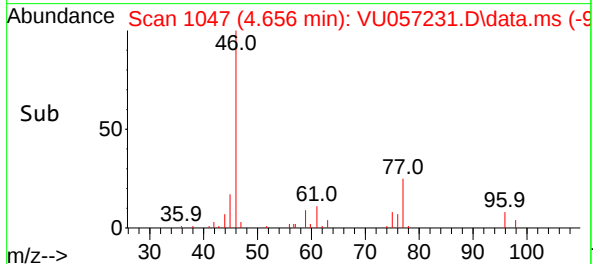
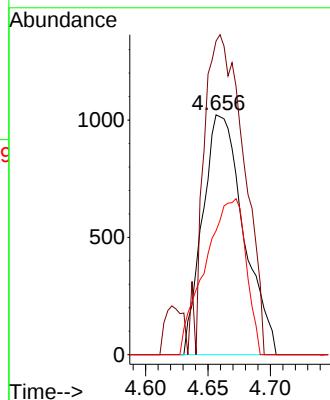
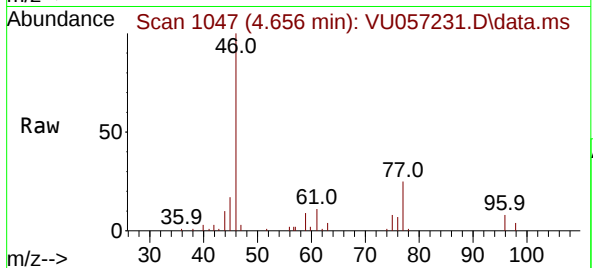
Tgt Ion: 96 Resp: 2340

Ion	Ratio	Lower	Upper
96	100		
61	130.8	86.8	161.2
98	51.7	45.5	84.5

Manual Integrations

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#47

Tetrachloroethene

Concen: 1927.264 ug/L m

RT: 8.557 min Scan# 2260

Delta R.T. 0.010 min

Lab File: VU057231.D

Acq: 23 Dec 2023 08:41

Tgt Ion:164 Resp:23320993

Ion	Ratio	Lower	Upper
164	100		
129	100.0	72.9	135.3
131	100.0	71.7	133.3
166	100.0	87.7	162.9

