

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049809.D
 Acq On : 20 Jul 2022 17:37
 Operator : SY/MD
 Sample : N3743-13ME
 Misc : 6.32g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D11ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 04:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	173976	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	166549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	75372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	58567m	39.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.800%		
7) Chloroethane-d5	1.867	69	33679m	31.741	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.480%#		
11) 1,1-Dichloroethene-d2	2.514	63	71140	27.437	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.880%#		
21) 2-Butanone-d5	4.642	46	130011	103.751	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.750%		
24) Chloroform-d	5.060	84	111494	42.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.760%		
26) 1,2-Dichloroethane-d4	5.697	65	83551	47.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.960%		
32) Benzene-d6	5.716	84	208109	41.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.260%		
36) 1,2-Dichloropropane-d6	6.687	67	76922	45.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.400%		
41) Toluene-d8	7.896	98	171630	38.952	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.900%#		
43) trans-1,3-Dichloroprop...	8.179	79	30707	42.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.640%		
47) 2-Hexanone-d5	8.652	63	80166	104.717	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.720%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	118802	49.890	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	66257	46.624	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.240%		
Target Compounds						Qvalue
16) Methylene chloride	3.025	84	1769	1.129	ug/L	93
20) cis-1,2-Dichloroethene	4.658	96	2198m	1.437	ug/L	
46) Tetrachloroethene	8.549	164	4057	3.865	ug/L	98

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

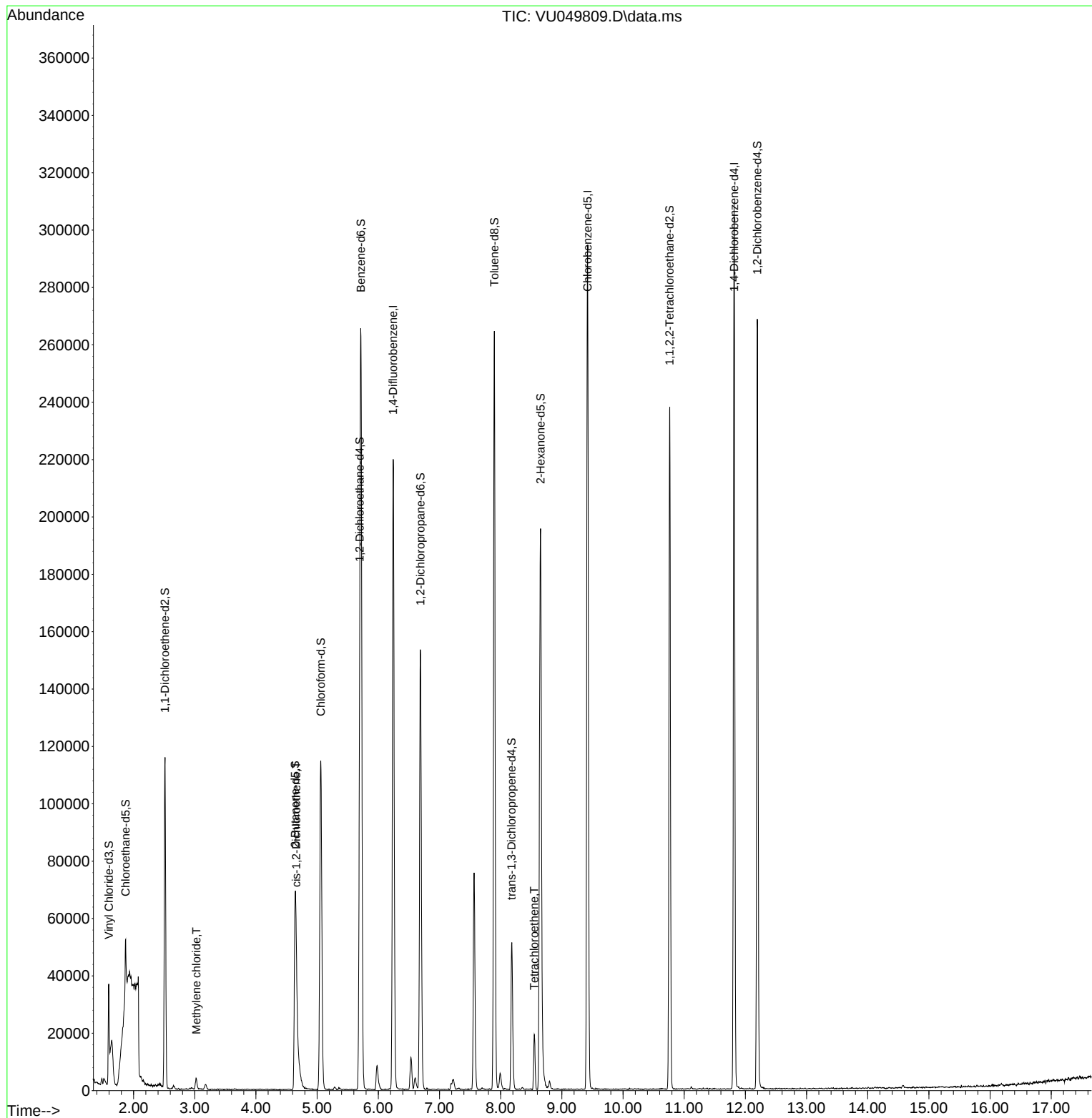
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
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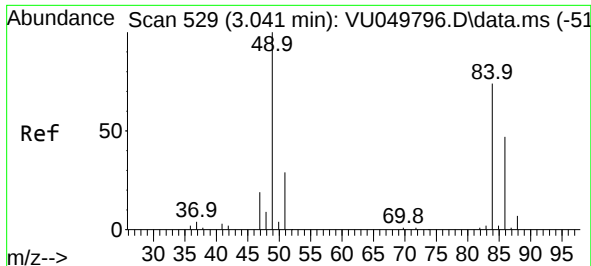
Instrument :
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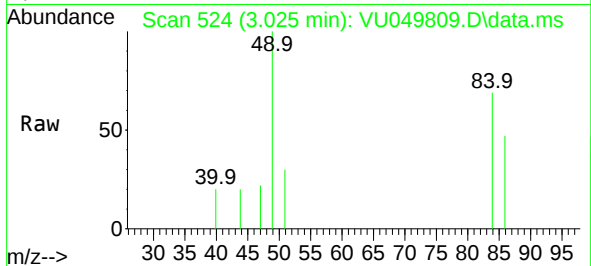
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#16
Methylene chloride
Concen: 1.129 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049809.D
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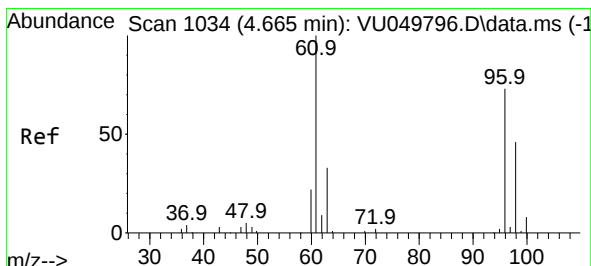
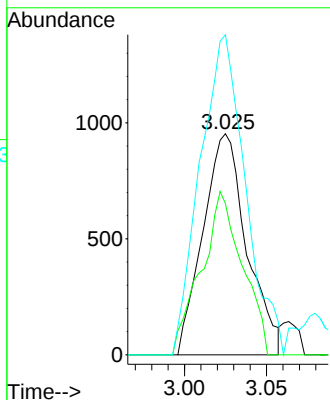
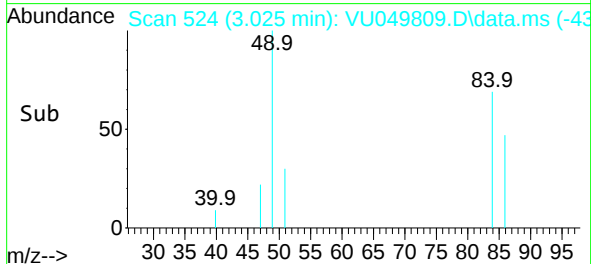
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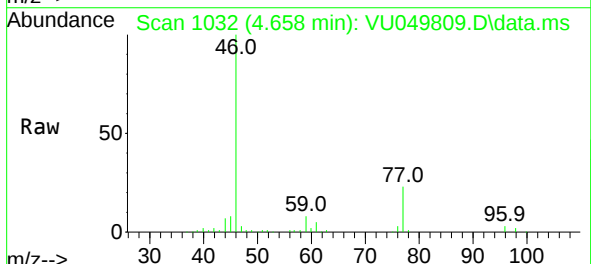
Tgt Ion: 84 Resp: 1769
Ion Ratio Lower Upper
84 100
86 68.4 45.6 84.6
49 144.8 94.4 175.4

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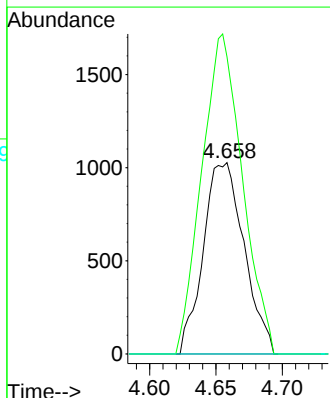
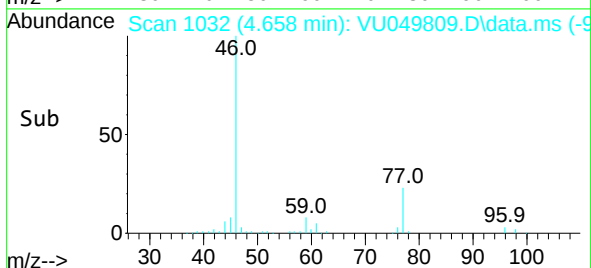
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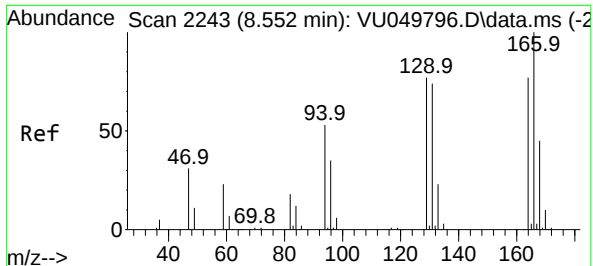


#20
cis-1,2-Dichloroethene
Concen: 1.437 ug/L m
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU049809.D
Acq: 20 Jul 2022 17:37



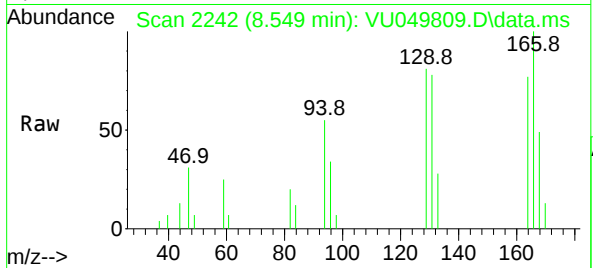
Tgt Ion: 96 Resp: 2198
Ion Ratio Lower Upper
96 100
61 155.3 101.1 187.7
68 0.0 0.0 0.0





#46
Tetrachloroethene
Concen: 3.865 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:164	Resp:	405
Ion	Ratio	Lower Upper
164	100	
129	105.7	72.0 133.8
131	102.2	69.0 128.1
166	130.6	91.1 169.3

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