

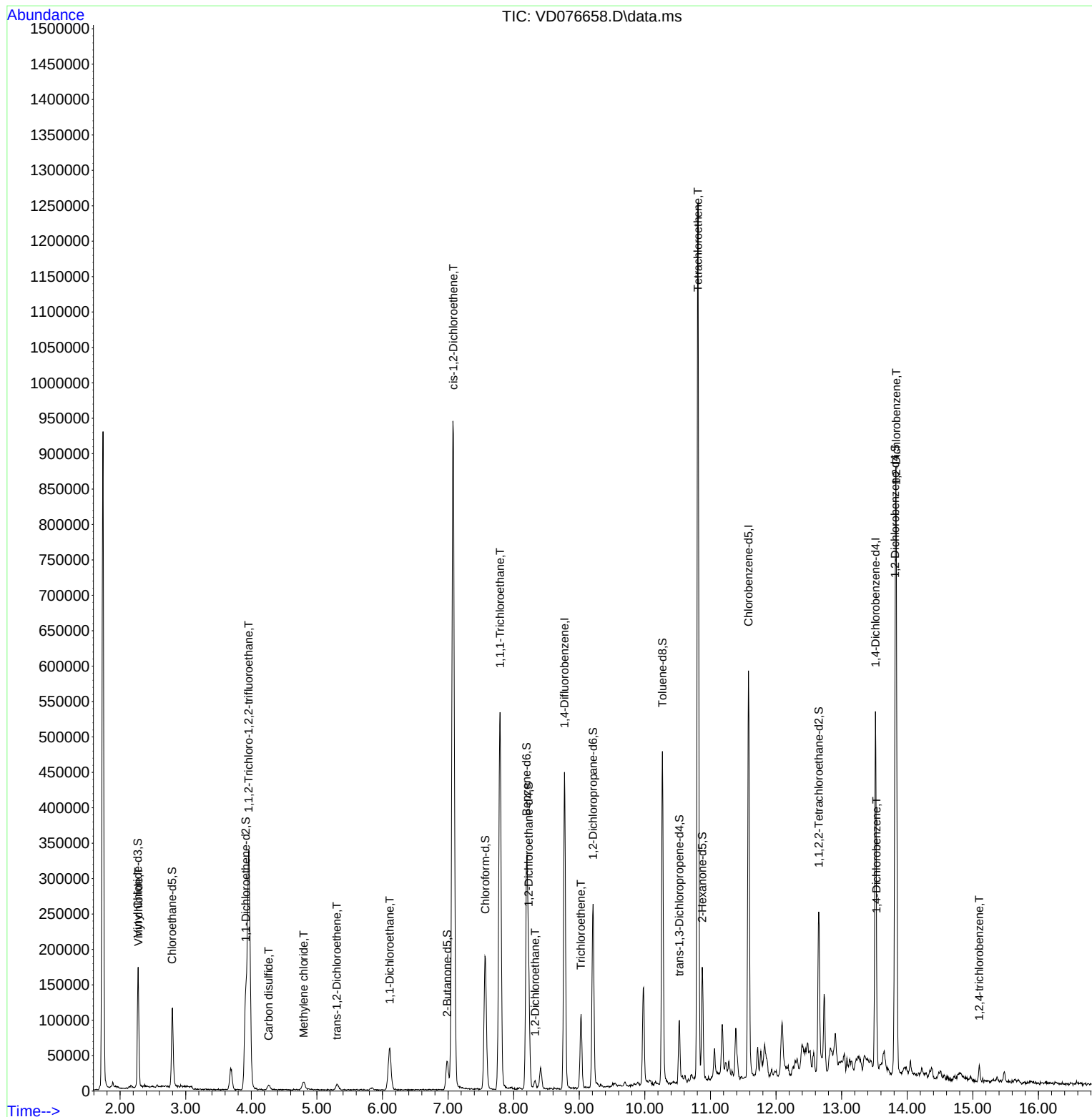
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 03 01:30:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration



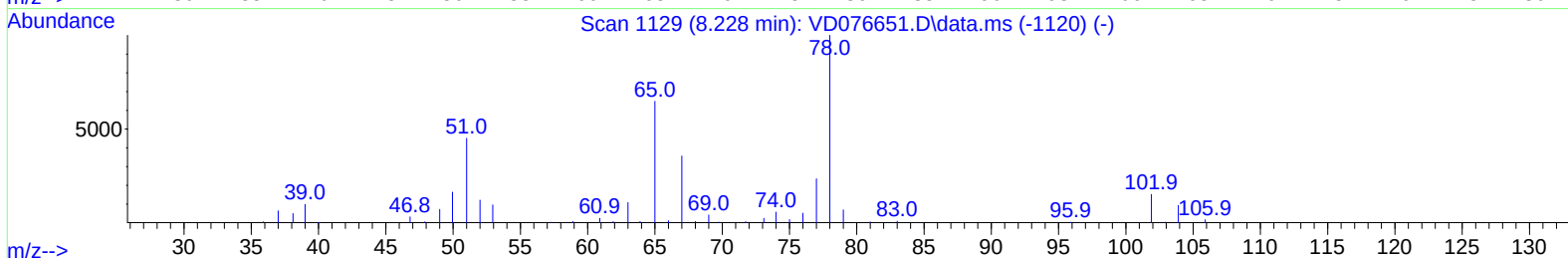
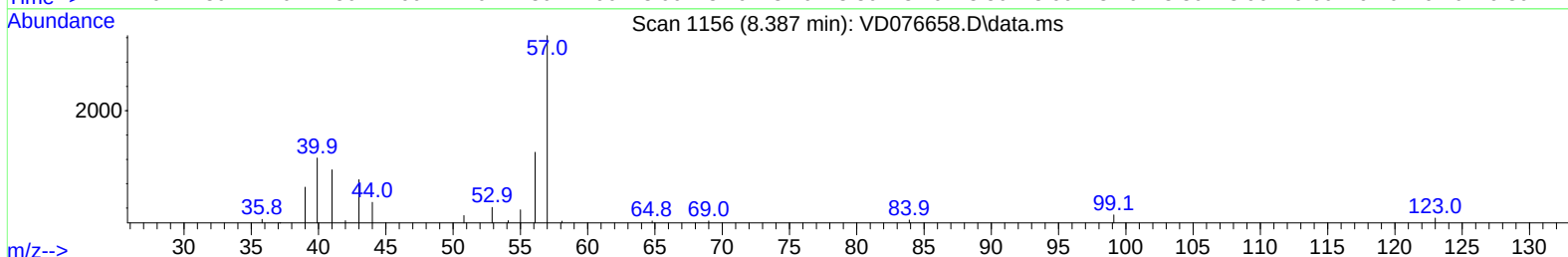
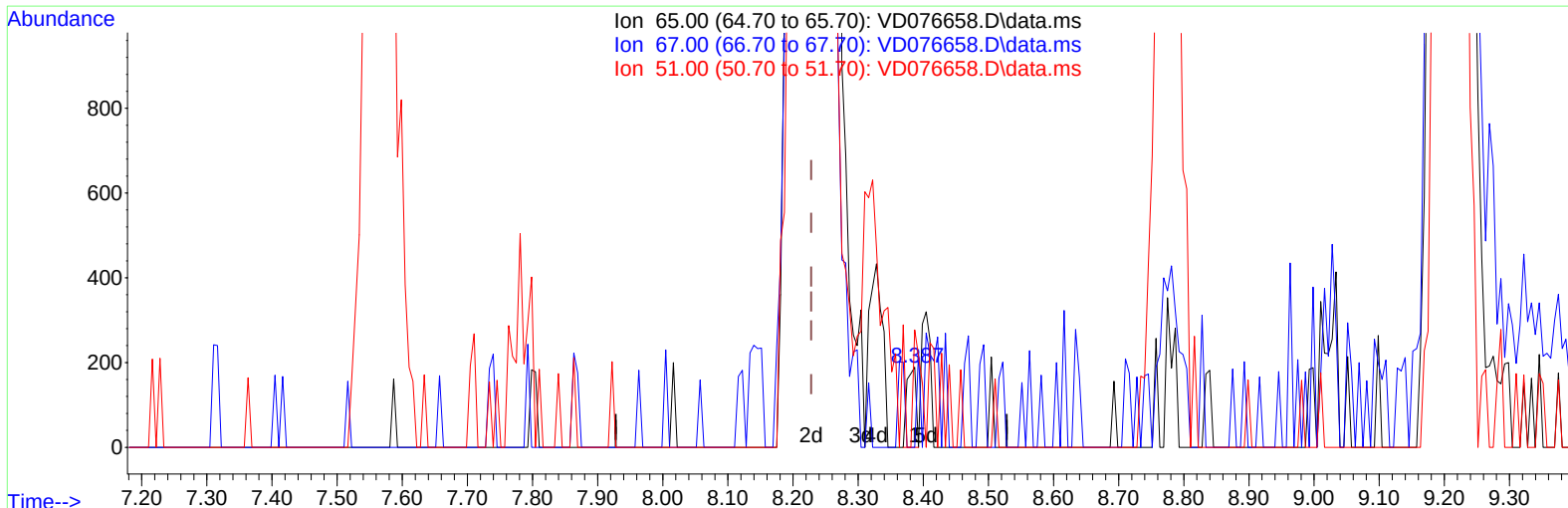
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TIC: VD076658.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.387min (+ 0.159) 0.04 ug/L

response 185

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.50	43.24
51.00	123.20	122.70
0.00	0.00	0.00

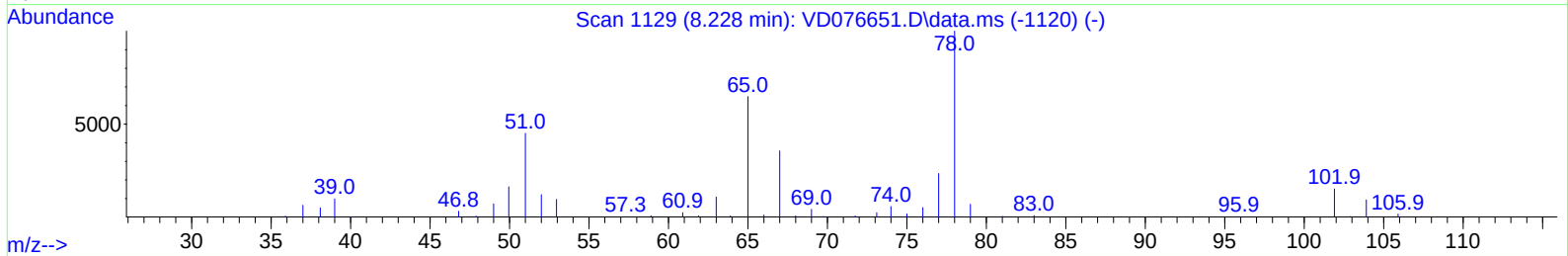
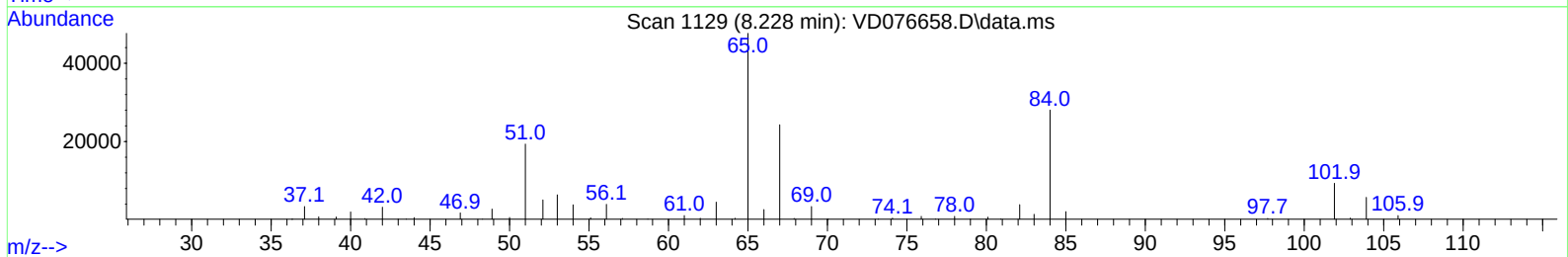
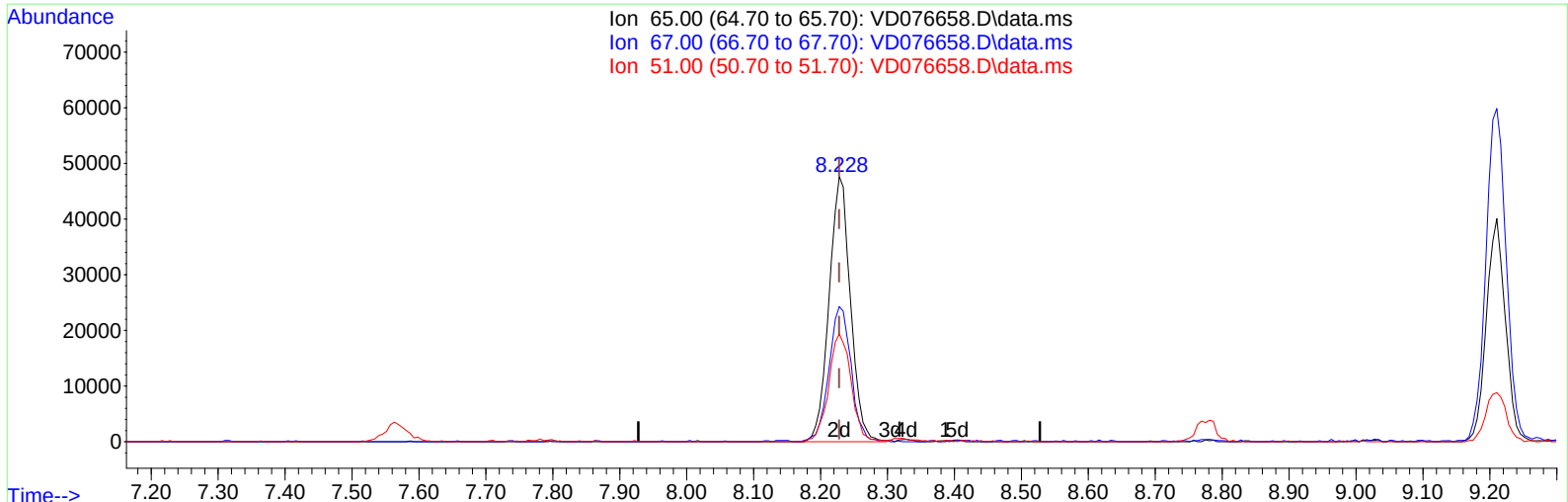
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QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration



TIC: VD076658.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.228min (-0.000) 21.12 ug/L m

response 105254

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	55.50	0.08#
51.00	123.20	0.22#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076658.D
 Acq On : 30 Jun 2023 13:15
 Operator : KP/SY
 Sample : 03472-13
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5

Manual IntegrationsAPPROVED

Quant Time: Jul 03 01:30:12 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	383377	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	319468	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	105370	11.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.160%		
7) Chloroethane-d5	2.793	69	107038	14.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.720%		
11) 1,1-Dichloroethene-d2	3.916	65	35766	14.676	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.720%		
21) 2-Butanone-d5	6.987	46	73654	52.090	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.180%		
24) Chloroform-d	7.569	84	191518	18.961	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.840%		
26) 1,2-Dichloroethane-d4	8.228	65	105254m	21.123	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.480%		
32) Benzene-d6	8.199	84	344838	17.646	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	70.600%		
36) 1,2-Dichloropropane-d6	9.210	67	125878	20.180	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.720%		
41) Toluene-d8	10.269	98	308352	17.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	68.160%		
43) trans-1,3-Dichloroprop...	10.528	79	48894	18.845	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.360%		
47) 2-Hexanone-d5	10.875	63	54150	55.923	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.840%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106590	24.018	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.080%		
66) 1,2-Dichlorobenzene-d4	13.816	152	92809	19.590	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.360%		
Target Compounds						Qvalue
5) Vinyl chloride	2.281	62	58723	5.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	211920	42.176	ug/L	98
14) Carbon disulfide	4.263	76	13322	0.739	ug/L	97
16) Methylene chloride	4.799	84	7568	1.136	ug/L	76
17) trans-1,2-Dichloroethene	5.305	96	4354	0.785	ug/L	85
19) 1,1-Dichloroethane	6.110	63	82835	8.168	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	587688	94.863	ug/L	98
27) 1,2-Dichloroethane	8.328	62	9567	1.572	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	434499	58.545	ug/L	99
34) Trichloroethene	9.028	95	33714	6.207	ug/L	96
46) Tetrachloroethene	10.810	164	270523	63.355	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	5132	0.579	ug/L #	69
67) 1,2-Dichlorobenzene	13.834	146	266191	33.974	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	5957	1.141	ug/L #	93

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