

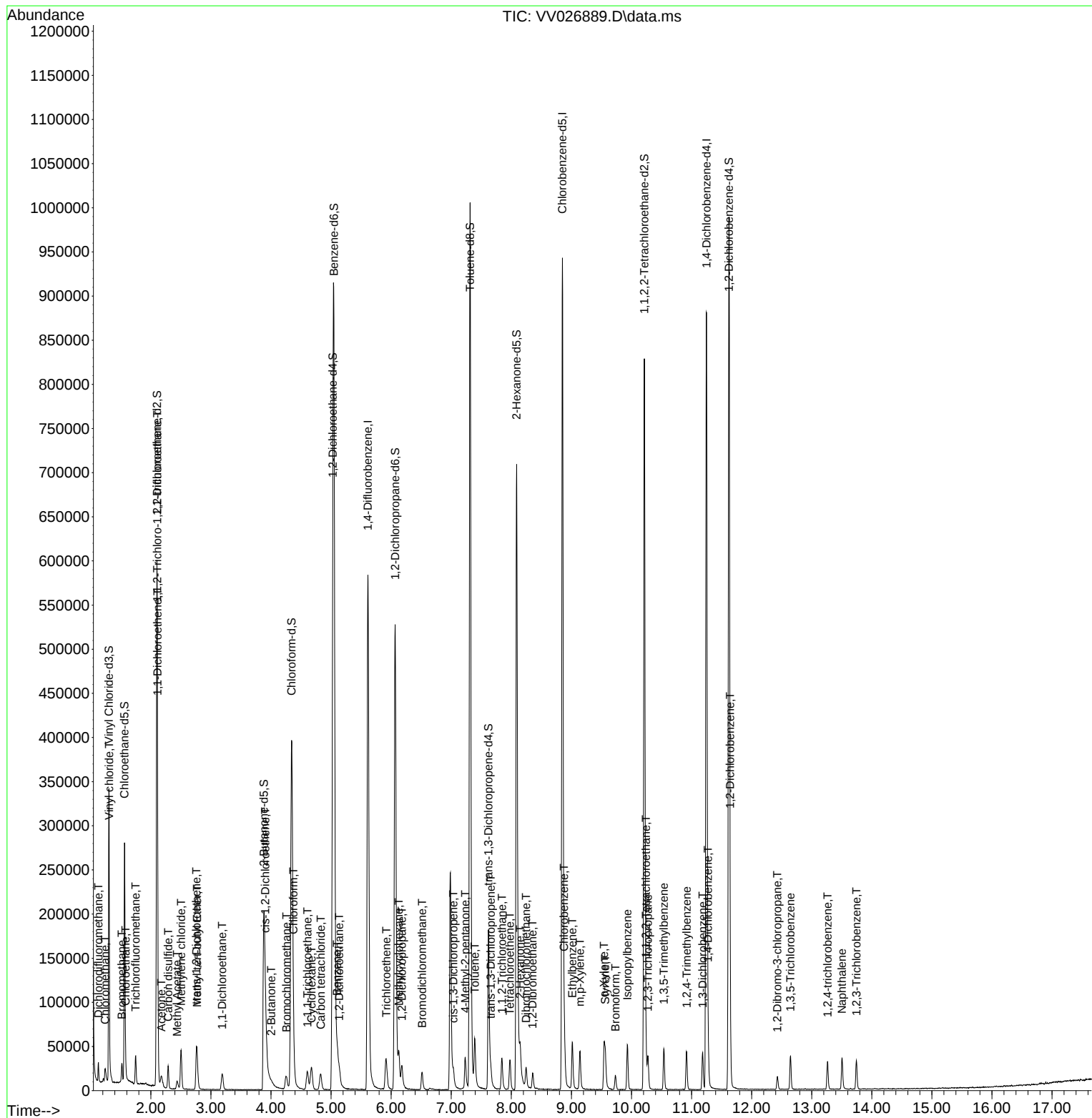
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026889.D
Acq On : 22 Jul 2022 15:57
Operator : SY/MD
Sample : N3670-05
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-03

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 07/23/2022
Supervised By :Semsettin Yesilyurt 07/24/2022

Quant Time: Jul 23 04:55:01 2022
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Quant Title : VOC Analysis
QLast Update : Sat Jul 23 00:23:15 2022
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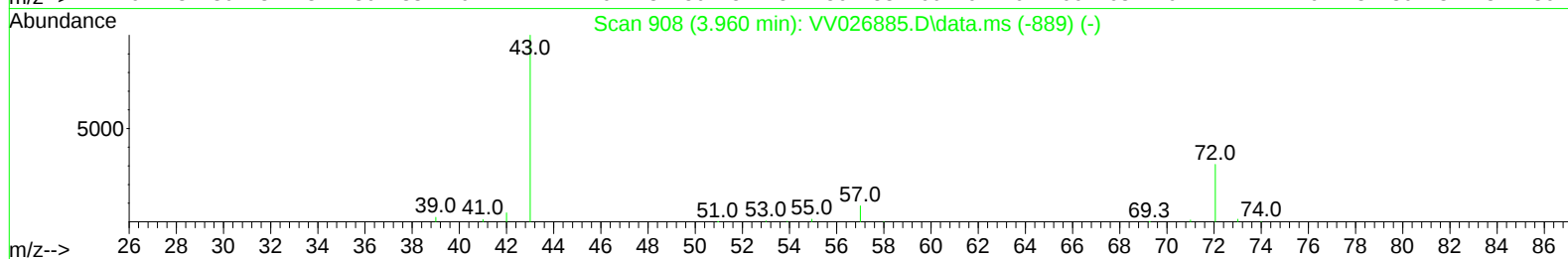
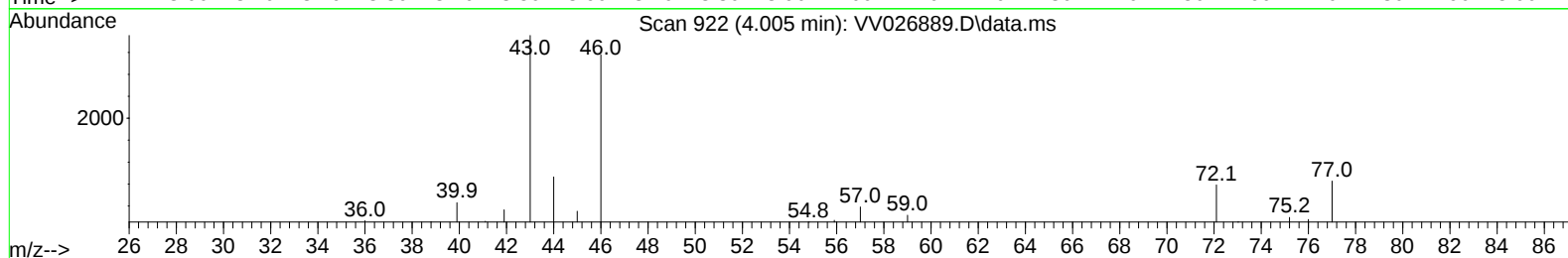
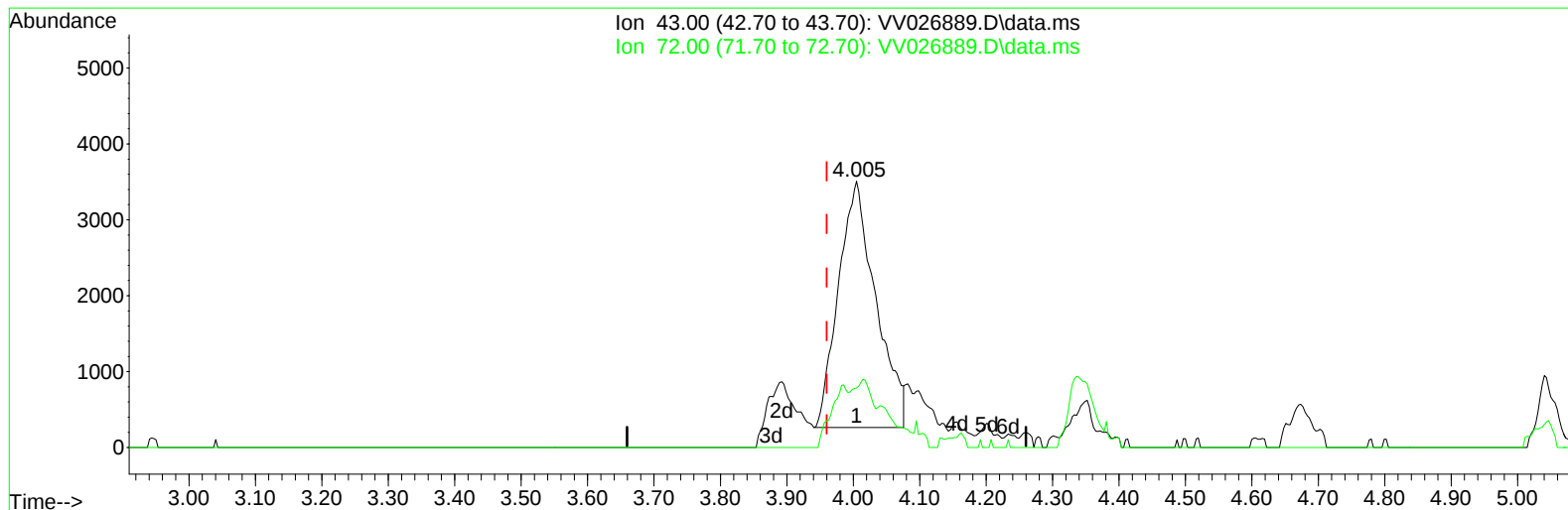
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TIC: VV026889.D\data.ms

(22) 2-Butanone (T)

4.005min (+ 0.045) 4.42 ug/L

response 12636

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.70	11.48#
0.00	0.00	0.00
0.00	0.00	0.00

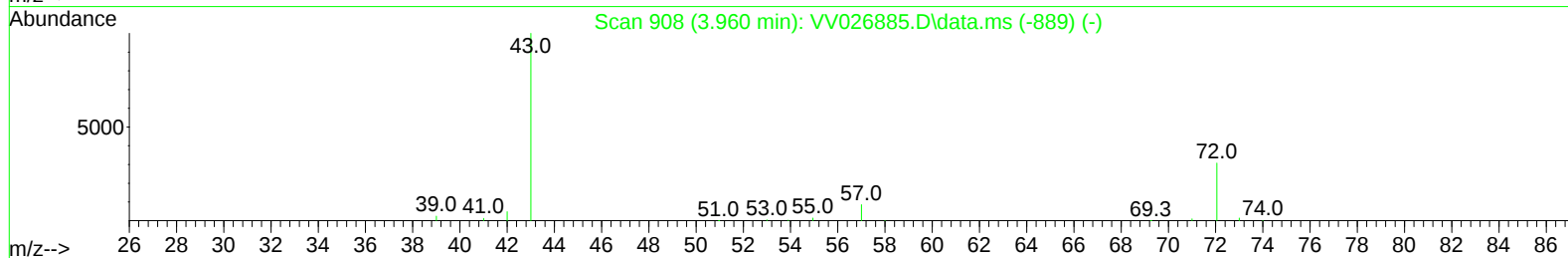
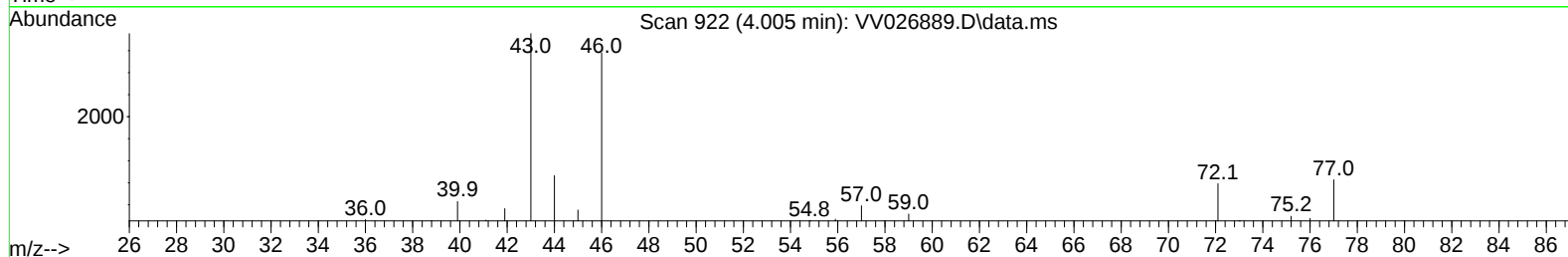
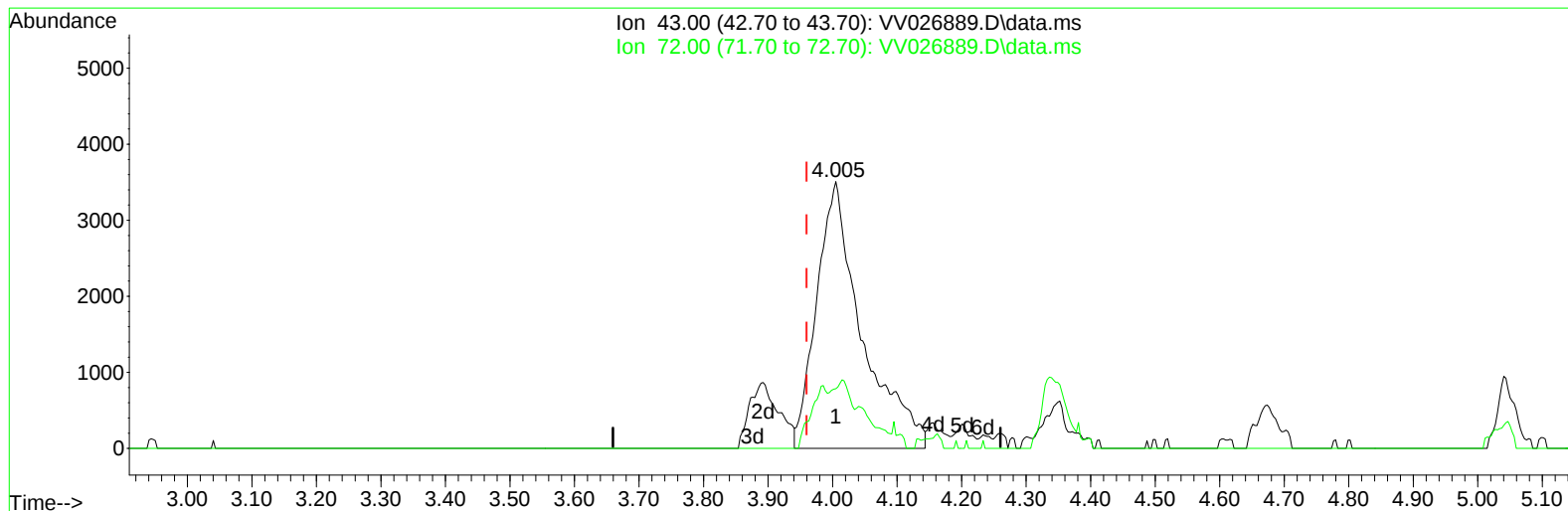
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(22) 2-Butanone (T)

4.005min (+ 0.045) 5.94 ug/L m

response 16987

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.70	8.54#
0.00	0.00	0.00
0.00	0.00	0.00

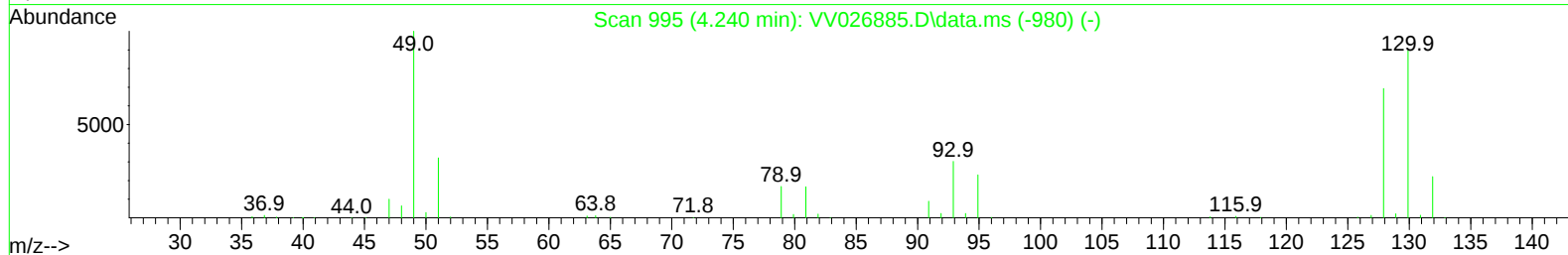
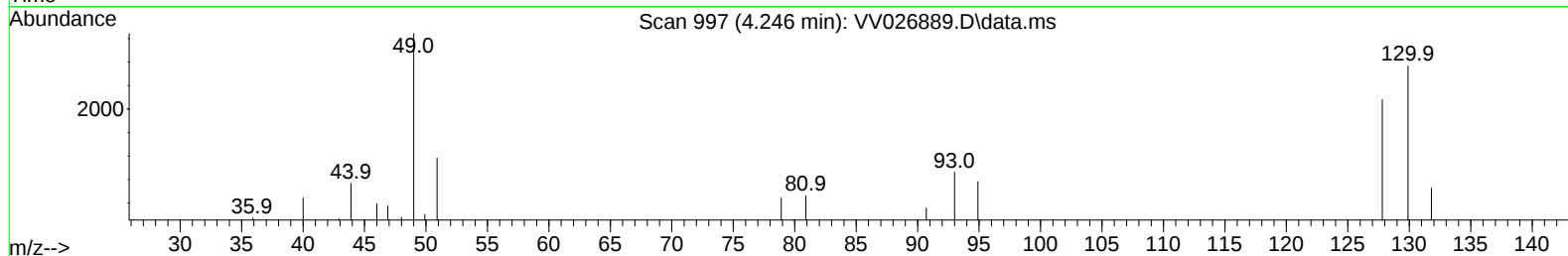
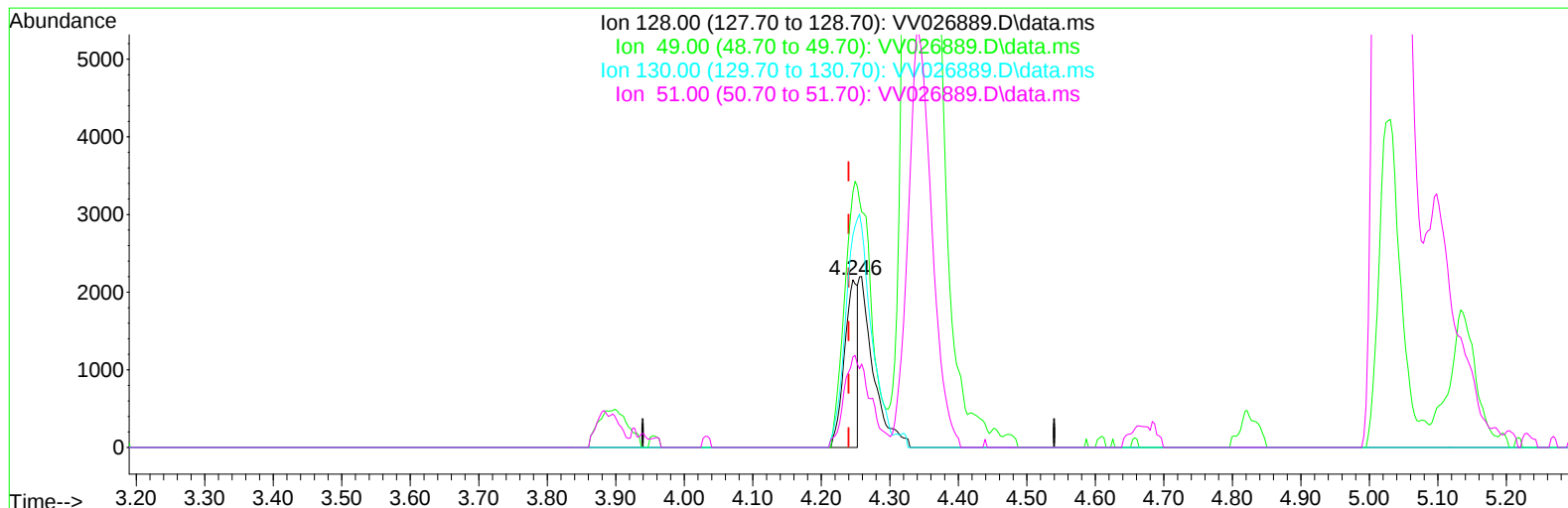
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(23) Bromochloromethane (T)

4.246min (+ 0.006) 1.10 ug/L

response 2862

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	144.30	152.32
130.00	128.60	126.78
51.00	45.60	53.99

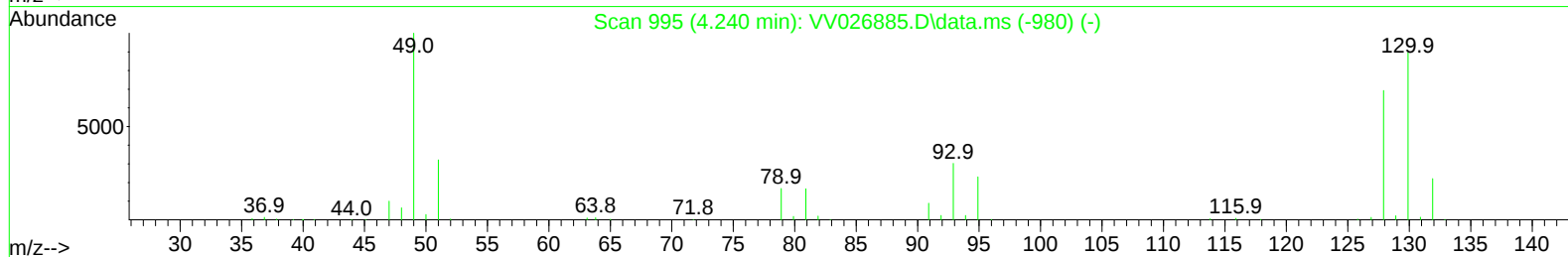
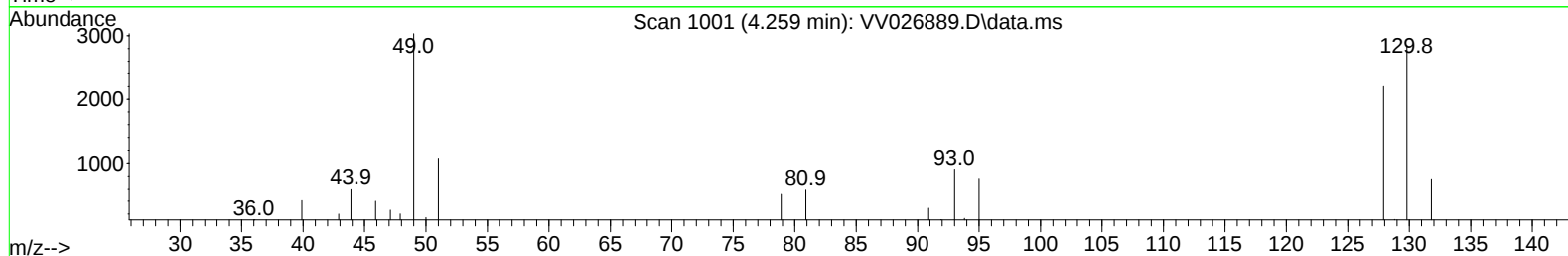
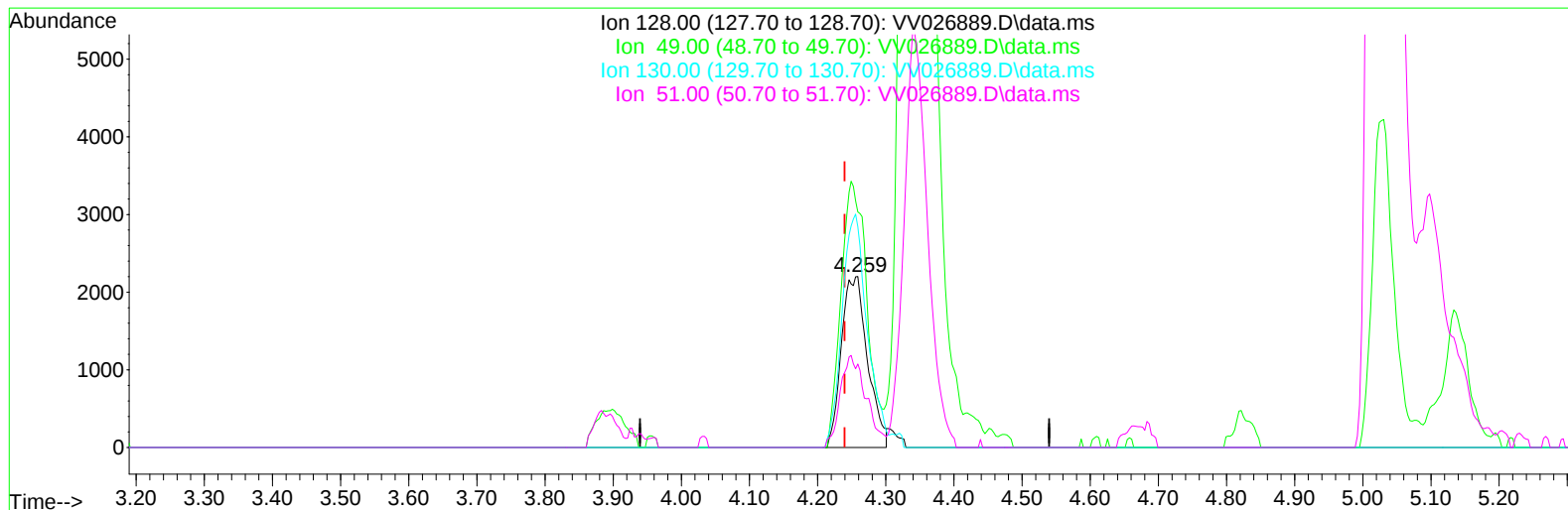
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TIC: VV026889.D\data.ms

(23) Bromochloromethane (T)

4.259min (+ 0.019) 2.25 ug/L m

response 5871

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	144.30	137.80
130.00	128.60	129.17
51.00	45.60	48.89

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	528443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	537697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	238267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	211632	47.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.500%
7) Chloroethane-d5	1.561	69	175405	48.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.840%
11) 1,1-Dichloroethene-d2	2.101	63	294173	36.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.780%
21) 2-Butanone-d5	3.883	46	347606	116.356	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.360%
24) Chloroform-d	4.342	84	421925	48.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.740%
26) 1,2-Dichloroethane-d4	5.027	65	256805	51.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.940%
32) Benzene-d6	5.047	84	835095	51.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.760%
36) 1,2-Dichloropropane-d6	6.066	67	279025	53.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.540%
41) Toluene-d8	7.313	98	689968	48.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	7.619	79	108039	49.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.460%
47) 2-Hexanone-d5	8.088	63	260259	114.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	410256	51.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	257745	57.660	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	12565	2.302	ug/L	96
3) Chloromethane	1.240	50	12922	2.531	ug/L	100
5) Vinyl chloride	1.307	62	13499	2.487	ug/L #	79
6) Bromomethane	1.516	94	9405	2.868	ug/L	99
8) Chloroethane	1.581	64	7914	2.482	ug/L	99
9) Trichlorofluoromethane	1.748	101	18022	2.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	12784	2.923	ug/L	88
12) 1,1-Dichloroethene	2.111	96	12341	3.020	ug/L #	1
13) Acetone	2.175	43	13155	6.271	ug/L	99
14) Carbon disulfide	2.288	76	28880	2.477	ug/L	98
15) Methyl Acetate	2.436	43	11420	2.468	ug/L	99
16) Methylene chloride	2.503	84	19763	3.795	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	10359	2.399	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	27550	2.297	ug/L	98
19) 1,1-Dichloroethane	3.185	63	19836	2.495	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	11286	2.480	ug/L	99
22) 2-Butanone	4.005	43	16987m	5.938	ug/L	
23) Bromochloromethane	4.259	128	5871m	2.253	ug/L	
25) Chloroform	4.371	83	24155	2.848	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	15096	2.523	ug/L	97
29) Cyclohexane	4.674	56	12210	2.172	ug/L	96
30) 1,1,1-Trichloroethane	4.606	97	16915	2.381	ug/L	100
31) Carbon tetrachloride	4.828	117	14529	2.336	ug/L	98
33) Benzene	5.098	78	43394	2.510	ug/L	100
34) Trichloroethene	5.921	95	10241	2.305	ug/L	94
35) Methylcyclohexane	6.127	83	14936	2.270	ug/L	96
37) 1,2-Dichloropropane	6.178	63	10451	2.322	ug/L #	92
38) Bromodichloromethane	6.516	83	14432	2.366	ug/L #	98
39) cis-1,3-Dichloropropene	7.034	75	13549	2.169	ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	23795	4.443	ug/L #	97
42) Toluene	7.391	91	42840	2.427	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	14413	2.340	ug/L	88
45) 1,1,2-Trichloroethane	7.844	97	12172	2.540	ug/L	98
46) Tetrachloroethene	7.976	164	7690	2.219	ug/L	94
48) 2-Hexanone	8.146	43	25777	6.184	ug/L	96
49) Dibromochloromethane	8.246	129	11660	2.328	ug/L	99
50) 1,2-Dibromoethane	8.355	107	12019	2.451	ug/L	93
51) Chlorobenzene	8.879	112	29167	2.371	ug/L	98
52) Ethylbenzene	9.014	91	37399	2.041	ug/L	99
53) m,p-Xylene	9.143	106	12810	1.786	ug/L	98
54) o-Xylene	9.545	106	12736	1.843	ug/L	98
55) Styrene	9.564	104	21457	1.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	22571	2.917	ug/L	94
59) Bromoform	9.735	173	7167	2.692	ug/L #	99
60) Isopropylbenzene	9.931	105	31699	2.251	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	15495	3.241	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	24550	2.145	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	23655	2.061	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	18186	2.528	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	18775	2.463	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	20957	2.839	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	3784	2.962	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	12326	2.420	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	9982	2.326	ug/L	99
71) Naphthalene	13.503	128	29801	2.208	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	10435	2.331	ug/L	98

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