

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028313.D
 Acq On : 04 Oct 2022 05:42
 Operator : SY/MD
 Sample : N4866-08MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 04 06:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Reviewed By :Krupa
 Patel

10/04/2022

Supervised By :Mahesh

Dadoda

10/05/2022

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

Internal Standards					
1) 1,4-Difluorobenzene	5.613	114	165097	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168388	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93676	5.000 ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	417203	33.631 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 672.600%#
7) Chloroethane-d5	1.561	69	45230	4.307 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 86.200%
11) 1,1-Dichloroethene-d2	2.105	63	101838	4.356 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 87.200%
20) 2-Butanone-d5	3.908	46	181630	86.536 ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 173.080%#
24) Chloroform-d	4.343	84	129248	5.751 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.000%
26) 1,2-Dichloroethane-d4	5.027	65	62324	5.982 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 119.600%
32) Benzene-d6	5.047	84	227452	4.924 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 98.400%
36) 1,2-Dichloropropane-d6	6.066	67	76914	5.804 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 116.000%
41) Toluene-d8	7.310	98	202050	4.756 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%
43) trans-1,3-Dichloroprop...	7.619	79	19263	3.817 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 76.400%
46) 2-Hexanone-d5	8.085	63	151817	73.495 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 146.980%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	69464	6.916 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 138.400%#
66) 1,2-Dichlorobenzene-d4	11.619	152	85499	5.303 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 106.000%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.124	85	47106	3.547 ug/L	91
3) Chloromethane	1.237	50	46172	3.669 ug/L	99
5) Vinyl chloride	1.294	62	20323044m	1434.091 ug/L	
6) Bromomethane	1.516	94	17254	2.564 ug/L	99
8) Chloroethane	1.581	64	50813m	5.380 ug/L	
9) Trichlorofluoromethane	1.748	101	83705	3.931 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44984	3.777 ug/L	98
12) 1,1-Dichloroethene	2.111	96	78615	6.638 ug/L	# 67
13) Acetone	2.201	43	87041	63.154 ug/L	91
14) Carbon disulfide	2.288	76	181498	4.919 ug/L	99
15) Methyl Acetate	2.442	43	8826	2.353 ug/L	98
16) Methylene chloride	2.500	84	64917	4.870 ug/L	89
17) Methyl tert-butyl Ether	2.764	73	142705	5.869 ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	297107	24.087 ug/L	95
19) 1,1-Dichloroethane	3.182	63	113880	5.421 ug/L	97
21) 2-Butanone	3.995	43	125192	59.835 ug/L	98
22) cis-1,2-Dichloroethene	3.889	96	31102590m	2503.866 ug/L	
23) Bromochloromethane	4.243	128	29047	5.280 ug/L	93
25) Chloroform	4.368	83	120109	5.213 ug/L	100

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27) 1,2-Dichloroethane	5.127	62	70597	5.720	ug/L	#	91
29) 1,1,1-Trichloroethane	4.600	97	97678	4.702	ug/L		96
30) Cyclohexane	4.670	56	63966	3.574	ug/L		93
31) Carbon tetrachloride	4.822	117	81653	4.382	ug/L		98
33) Benzene	5.095	78	293386	5.853	ug/L		100
34) Trichloroethene	5.908	95	67554	5.382	ug/L		96
35) Methylcyclohexane	6.124	83	60594	2.957	ug/L		96
37) 1,2-Dichloropropane	6.169	63	64267	5.536	ug/L		97
38) Bromodichloromethane	6.506	83	83917	5.241	ug/L		98
39) cis-1,3-Dichloropropene	7.027	75	56168	3.389	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	340199	63.781	ug/L		95
42) Toluene	7.384	91	267866	5.078	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	47705	3.389	ug/L		99
45) 1,1,2-Trichloroethane	7.834	97	50436	5.857	ug/L		99
47) Tetrachloroethene	7.969	164	45280	4.128	ug/L		95
48) 2-Hexanone	8.137	43	249218	66.711	ug/L		97
49) Dibromochloromethane	8.243	129	60147	5.519	ug/L		100
50) 1,2-Dibromoethane	8.349	107	44915	5.796	ug/L		97
51) Chlorobenzene	8.876	112	175983	5.017	ug/L		99
52) Ethylbenzene	9.008	91	259248	4.677	ug/L		97
53) m,p-Xylene	9.133	106	103362	4.678	ug/L		98
54) o-Xylene	9.538	106	102435	4.901	ug/L		99
55) Styrene	9.558	104	158391	4.410	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.236	83	61508	6.295	ug/L		98
59) Bromoform	9.728	173	33677	5.458	ug/L		99
60) Isopropylbenzene	9.928	105	271300	4.733	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	42811	5.923	ug/L		99
62) 1,3,5-Trimethylbenzene	10.535	105	70409	4.323	ug/L		100
63) 1,2,4-Trimethylbenzene	10.911	105	208820	4.524	ug/L		99
64) 1,3-Dichlorobenzene	11.178	146	144328	5.125	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	142445	5.052	ug/L		99
67) 1,2-Dichlorobenzene	11.638	146	139598	5.466	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8887	5.398	ug/L		97
69) 1,3,5-Trichlorobenzene	12.641	180	104422	4.688	ug/L		100
70) 1,2,4-trichlorobenzene	13.255	180	87230	5.139	ug/L		100
71) Naphthalene	13.496	128	142574	5.378	ug/L		99
72) 1,2,3-Trichlorobenzene	13.738	180	82534	5.394	ug/L		99

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

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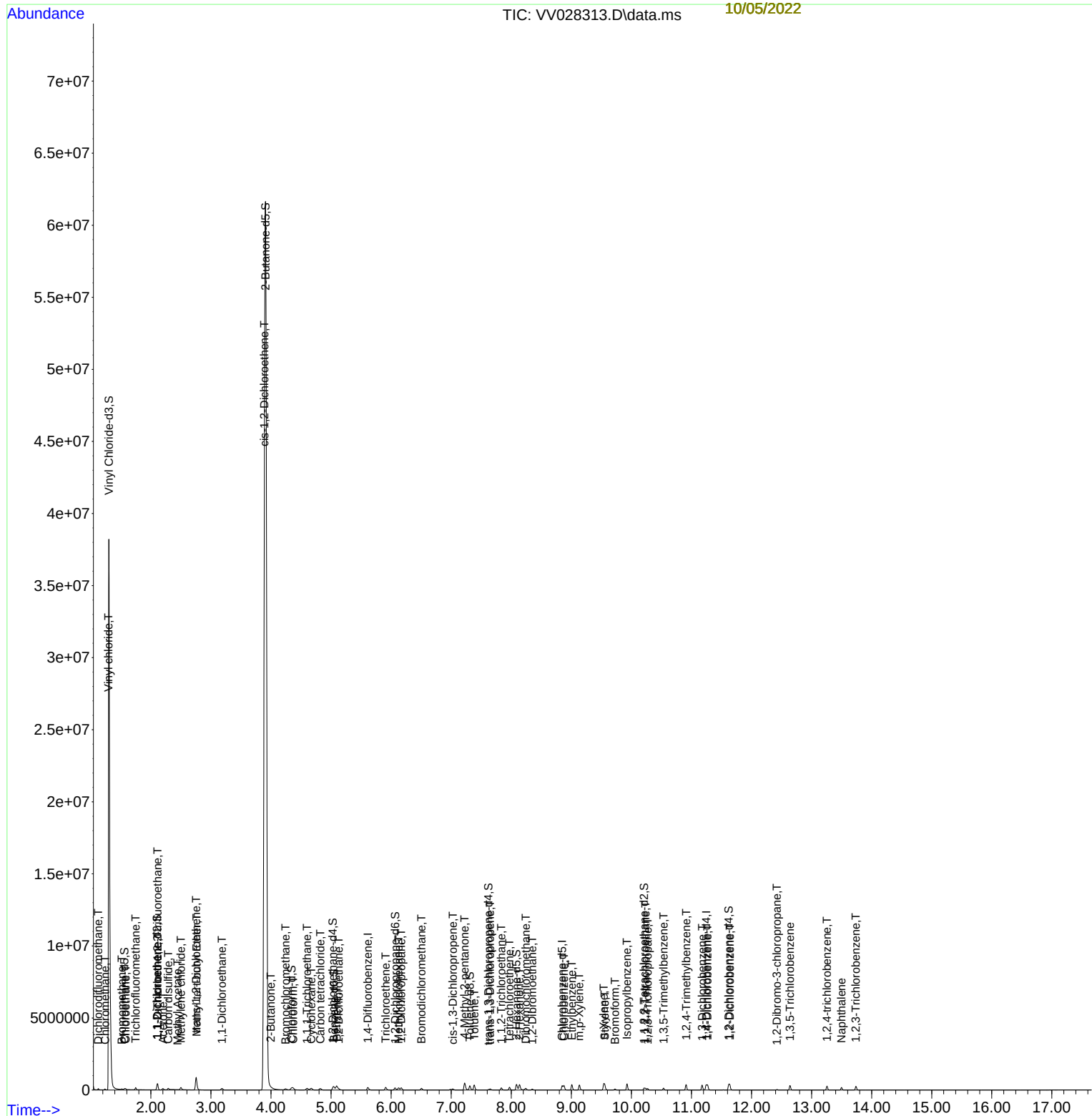
10/04/2022

Supervised By :Mahesh

Dadoda

10/05/2022

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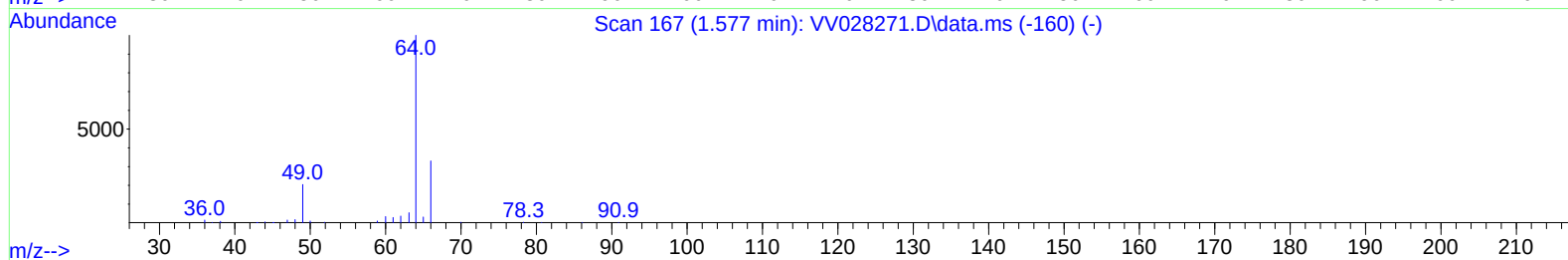
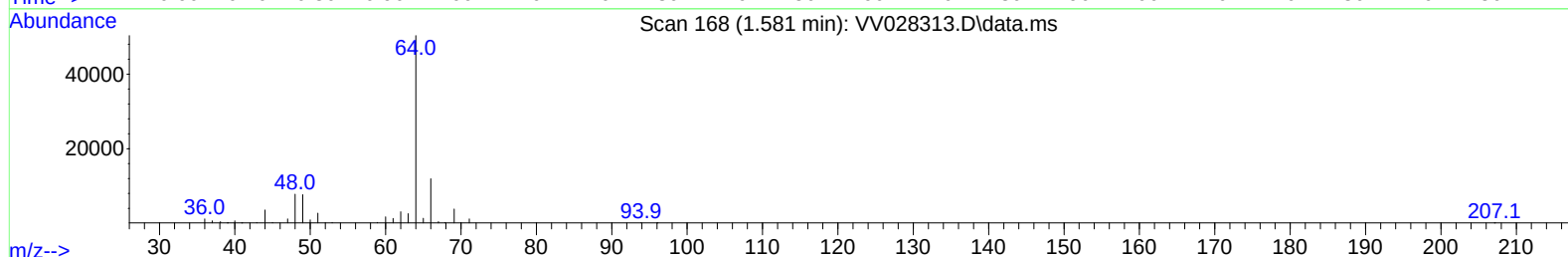
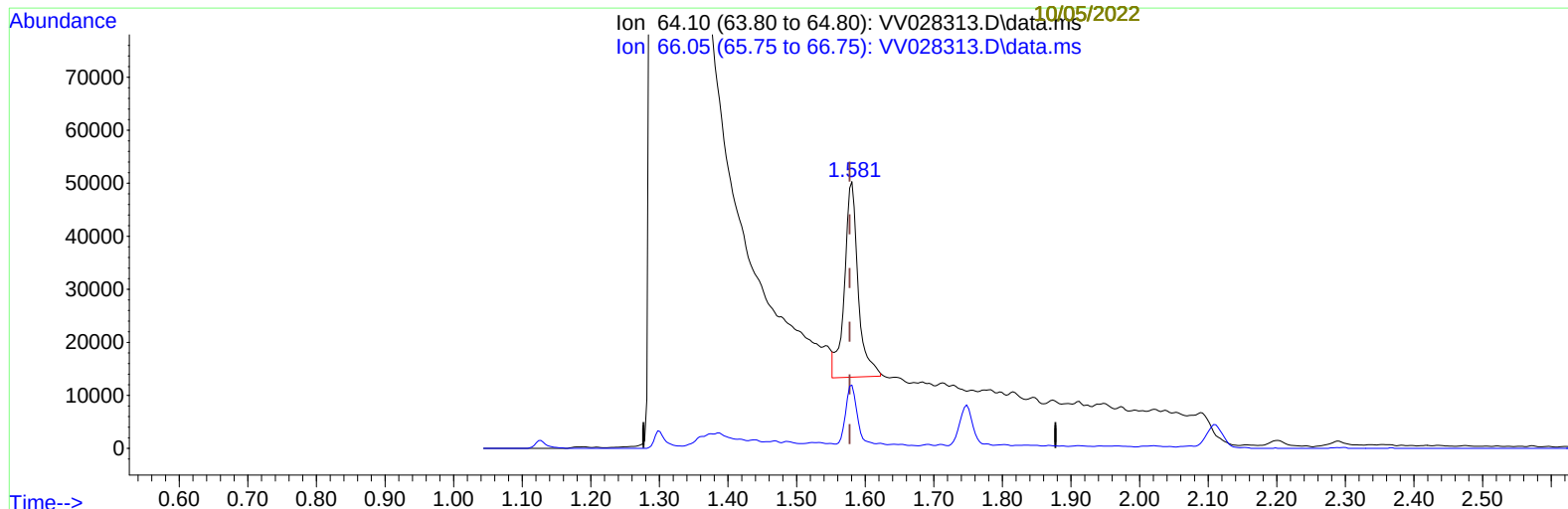
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TIC: VV028313.D\data.ms

(8) Chloroethane (T)

1.581min (+ 0.003) 5.38 ug/L m

response 50813

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.90	23.71
0.00	0.00	0.00
0.00	0.00	0.00

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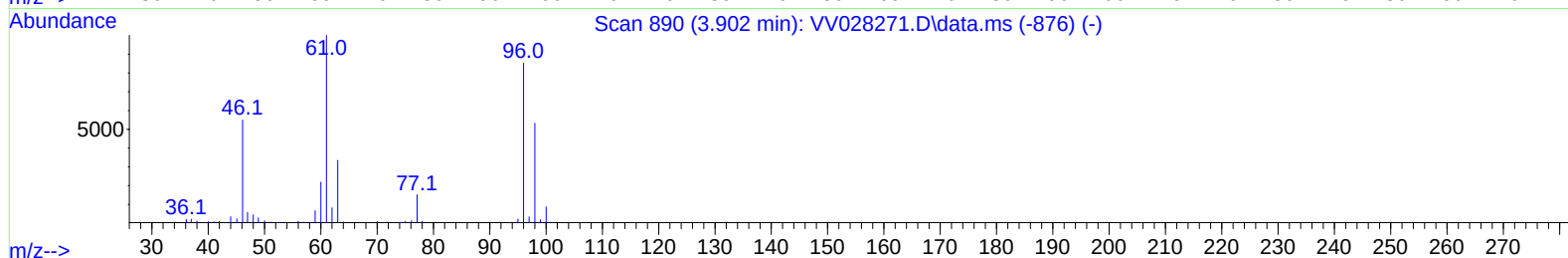
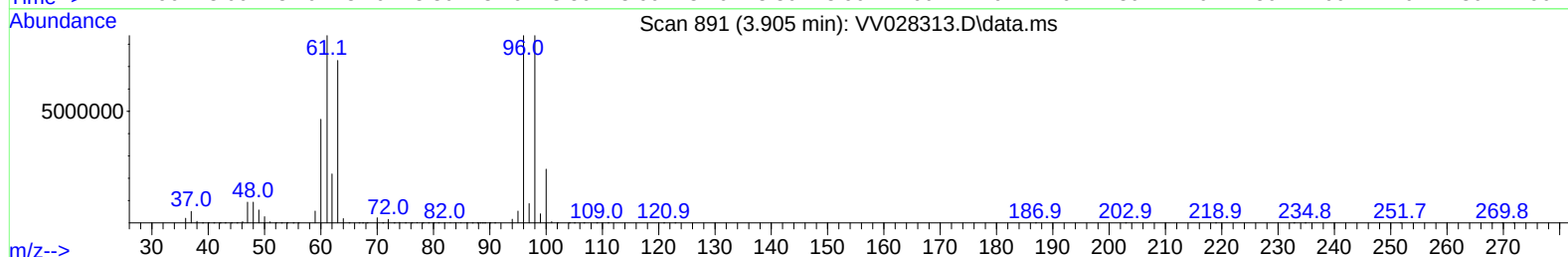
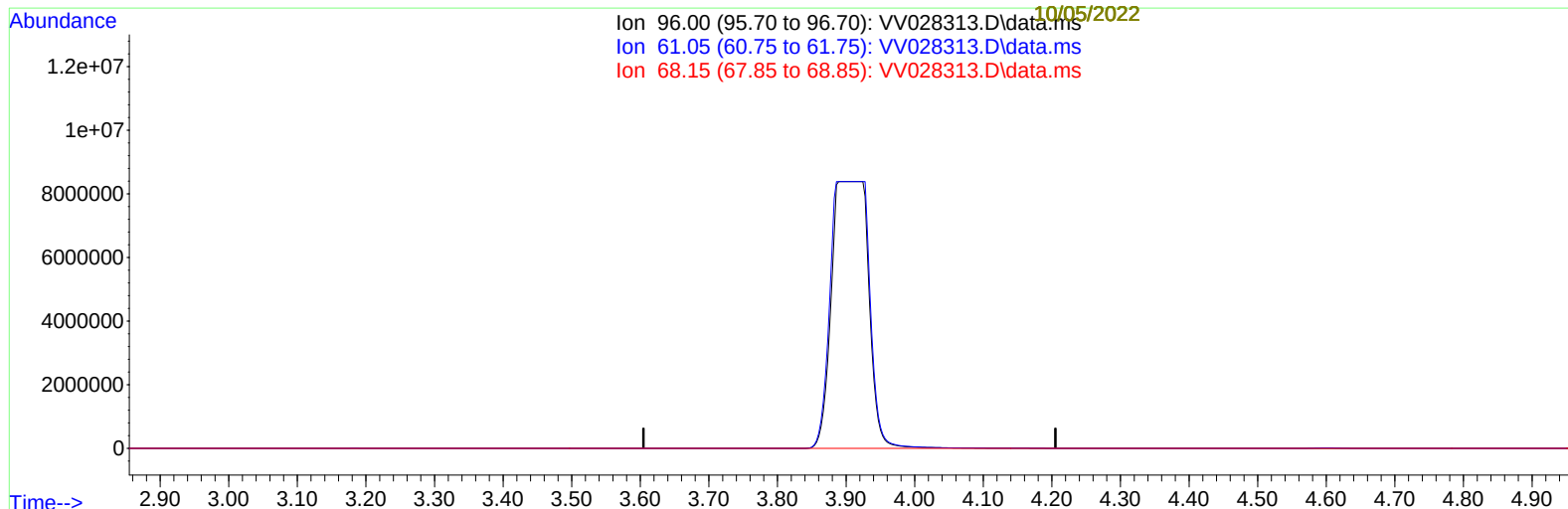
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TIC: VV028313.D\data.ms

(22) cis-1,2-Dichloroethene (T)

3.905min (-3.905) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.05	124.50	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

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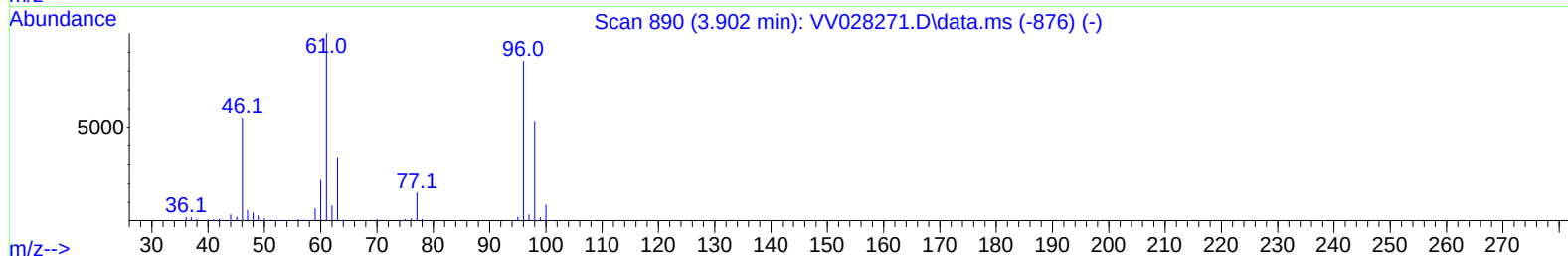
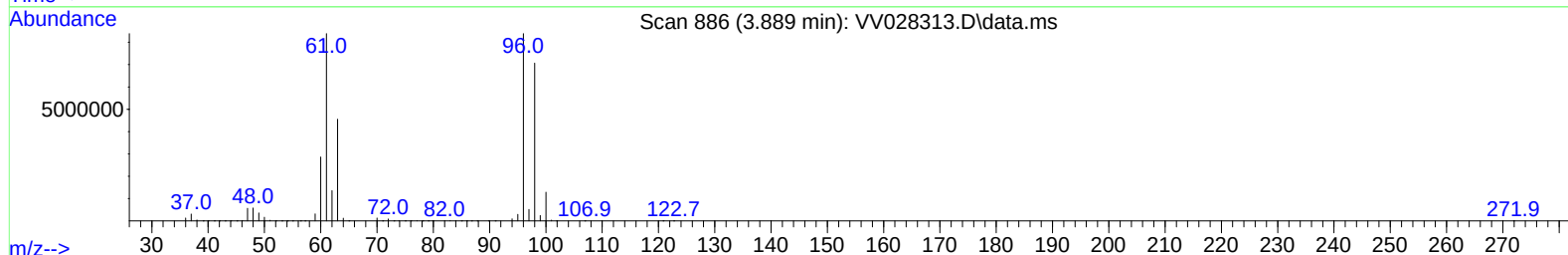
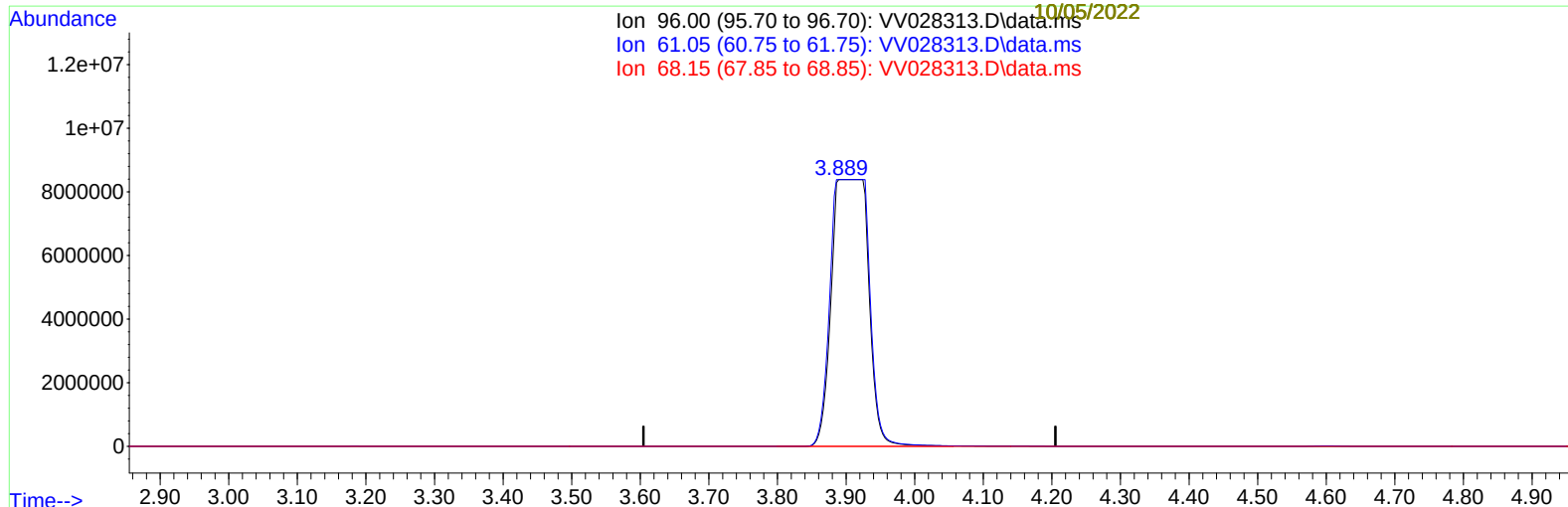
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(22) cis-1,2-Dichloroethene (T)

3.889min (-0.016) 2503.87 ug/L m

response 31102590

Ion	Exp%	Act%
96.00	100.00	100.00
61.05	124.50	100.00
68.15	0.00	0.00
0.00	0.00	0.00

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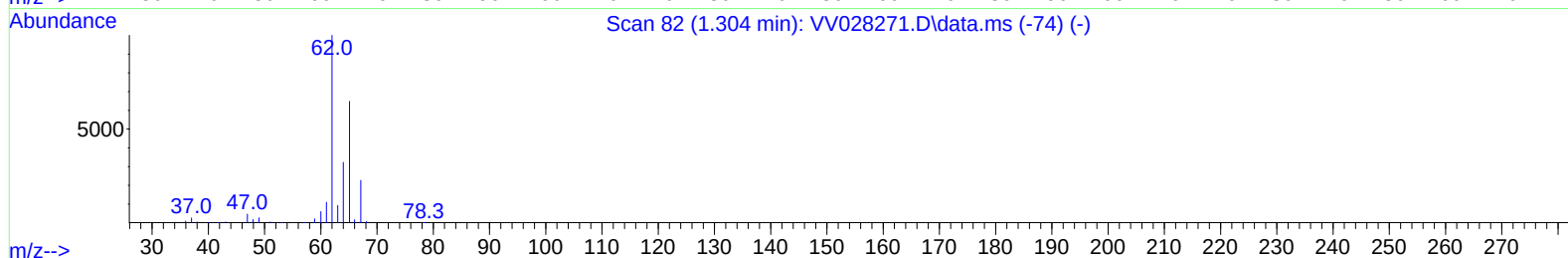
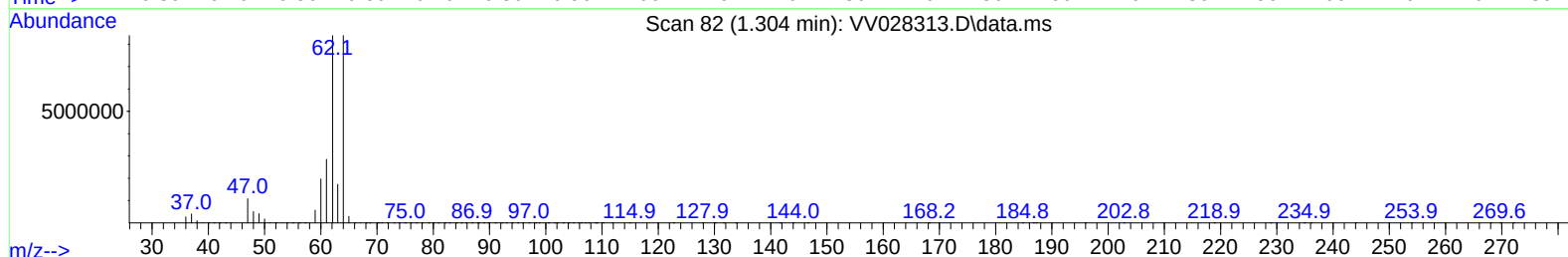
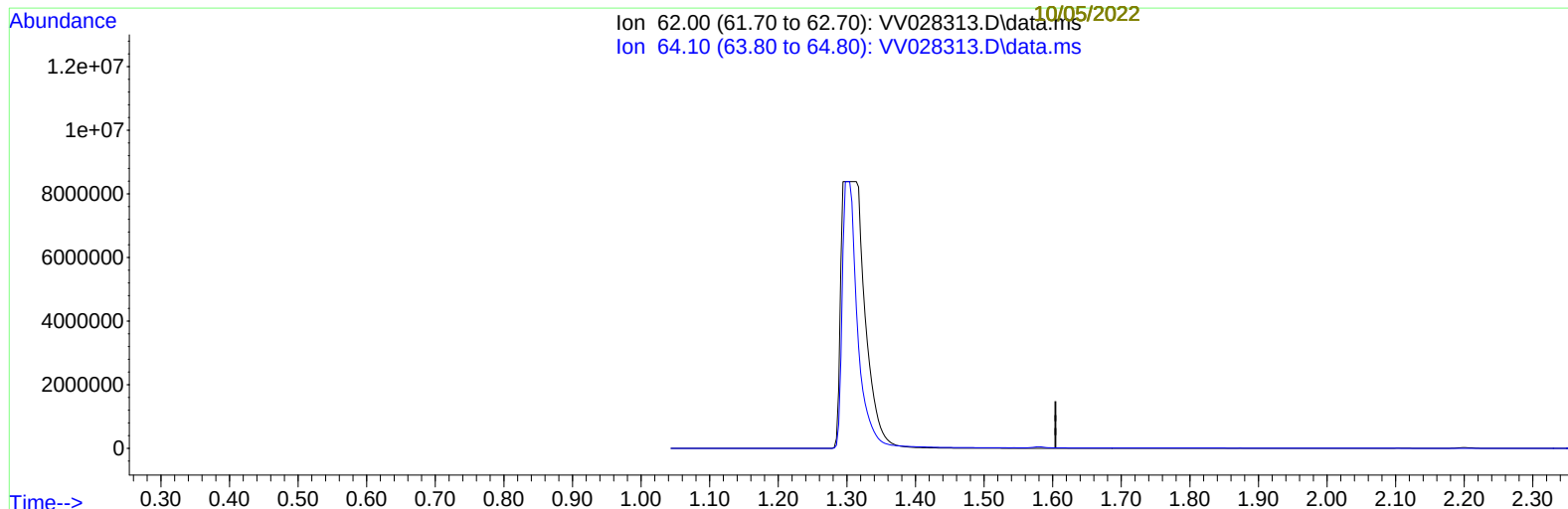
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TIC: VV028313.D\data.ms

(5) Vinyl chloride (T)

1.304min (-1.304) 0.00 ug/L

response

0

Ion	Exp%	Act%
62.00	100.00	0.00
64.10	32.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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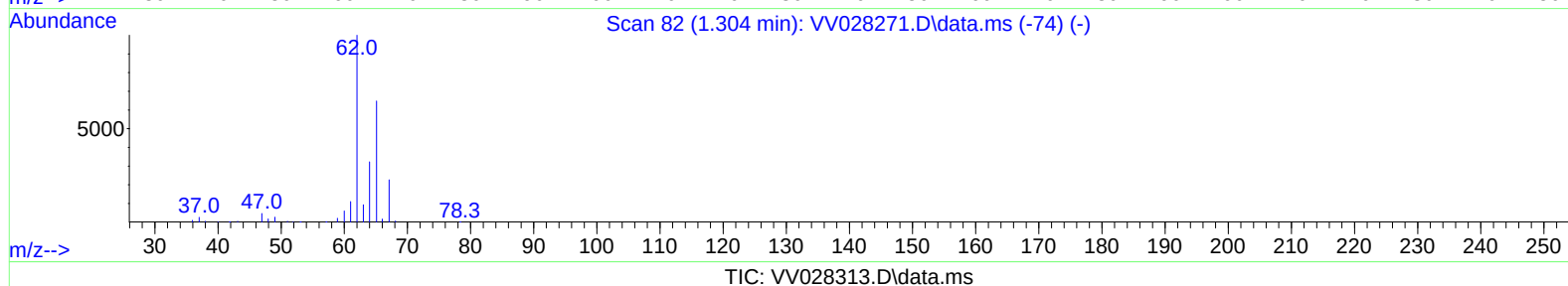
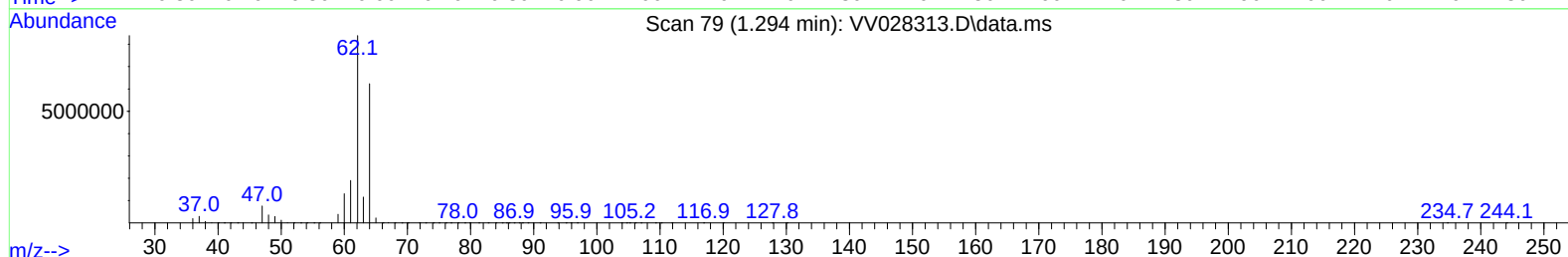
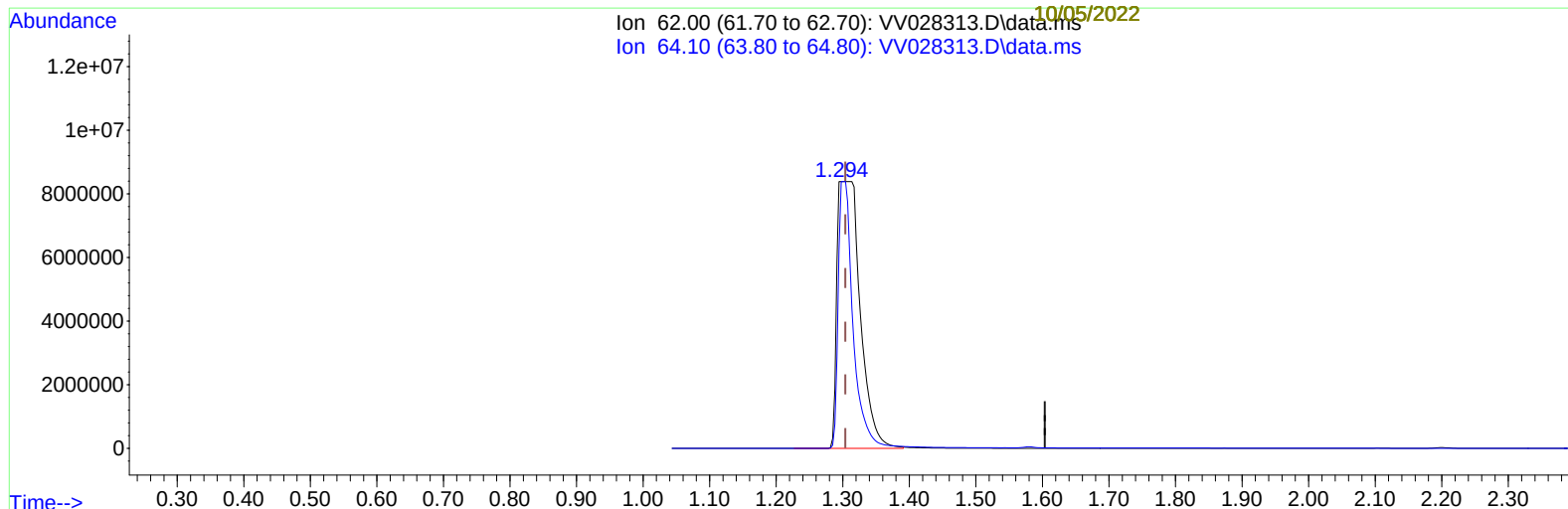
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(5) Vinyl chloride (T)

1.294min (-0.009) 1434.09 ug/L m

response 20323044

Ion	Exp%	Act%
62.00	100.00	100.00
64.10	32.90	74.30#
0.00	0.00	0.00
0.00	0.00	0.00

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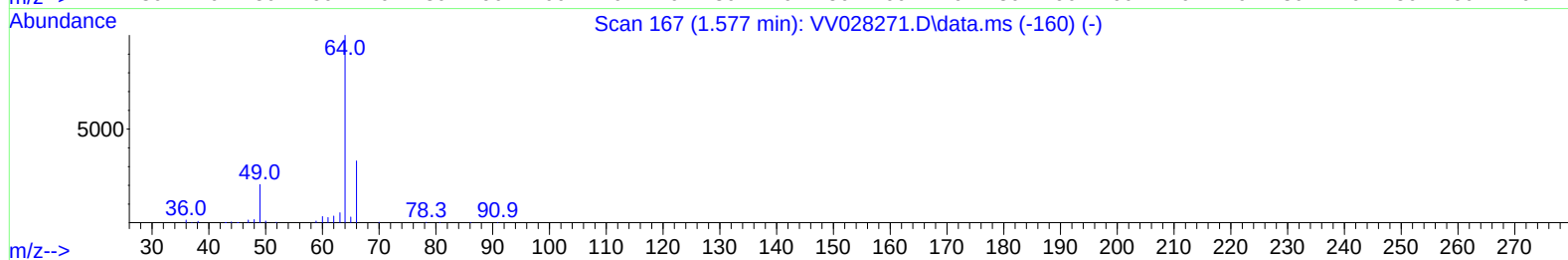
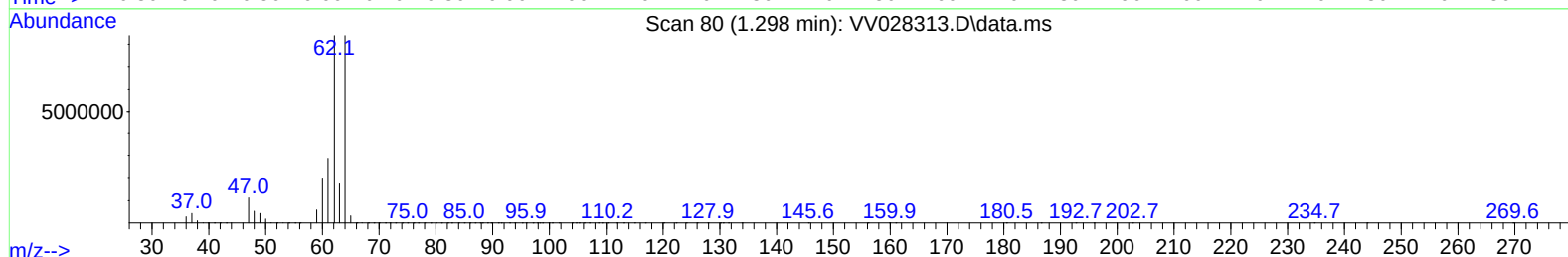
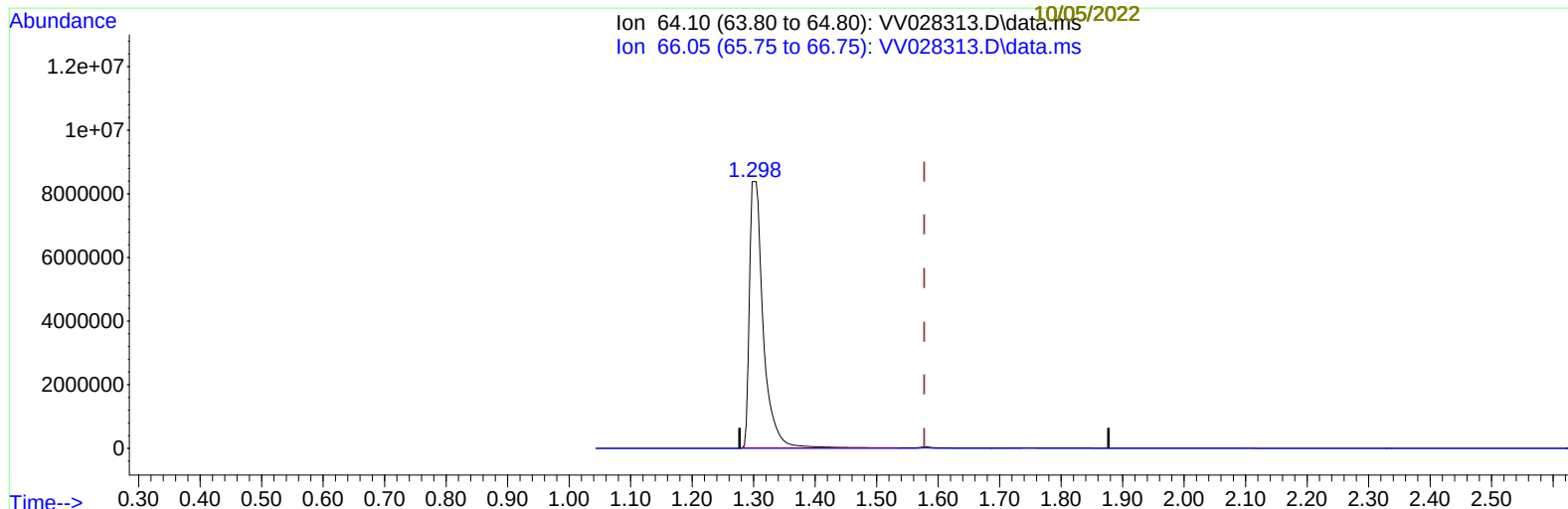
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(8) Chloroethane (T)

1.298min (-0.280) 1375.64 ug/L

response 12992556

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.90	0.04#
0.00	0.00	0.00
0.00	0.00	0.00